

<p>Space Research Institute Department of Experimental Space Research Austrian Academy of Sciences Schmiedlstraße 6 8042 Graz - Messendorf Austria</p>	<p>Project: Rosetta – RPC-MAG Sample Rate and Frequency Response Analysis RO-IWF-TR0001</p>	<p>Document: IWF 2002/01 Filename: RPC-MAG Author: hue@oeaw.ac.at Revision: January 2002 Date: 23.01.2002 Page: 1</p>
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Sample Rate and Frequency Response Analysis of Rosetta RPC-MAG

Calibration Report RO-IWF-TR0001

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4.4.7 --13-- CCD 01-04-25 19-30-18 // fd_h	34
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4.4.11 --17-- CCD 01-04-25 22-39-41 // fd_h	42
4.4.12 --18-- CCD 01-04-25 23-27-01 // fd_l	44
4.4.13 --19-- CCD 01-04-26 00-14-21 // fd_h	46
4.4.14 --20-- CCD 01-04-26 01-01-41 // fd_l	48
4.4.15 --21-- CCD 01-04-26 01-49-02 // fd_h	50
4.4.16 --22-- CCD 01-04-26 02-36-22 // fd_l	52

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Abstract

The Rosetta RPC-MAG Sample Rate and Frequency Response Analysis of the flight and flight-spare units are presented in this paper. We developed an approach for the AC-calibration that uses least square scheme for determining the calibration parameters. The technique is applied to all models and the results are outlined in the document. The paper closes with the summary of the results. Attempts are made to present all essential details.

Keywords

Sample Rate and Frequency Response Analysis, AC-calibration, Rosetta RPC-MAG

1. Overview

The AC-calibration is one part of the calibration procedure. The goal is to determine the Frequency Response and the temporal resolution of the instrument with high accuracy. All possible combinations of flight and flight-spare parts are considered. The Braunbeck Coilsystem in Magnetsrode delivers the environment for such investigations.

1.1 Supplied amplitude and frequency range

1.1.1 Amplitude

The magnetic field amplitudes at CoC (Center of coil) for the AC- calibration are shown in Table 1. Two ranges are chosen for RPC-MAG.

Name	Amplitude (nT peak-to-peak)
fd_h	22000
fd_l	500

Tab. 1: Supplied amplitudes

1.1.2 Frequency

The frequencies for the 2 amplitude ranges are in logarithmic order, ranging from 0.1Hz up to 1kHz and zero field in between the data sequences. The exact values are outlined in Table 2.

Frequencies (Hz) // 100mHz – 1kHz									
0.1000	0.1259	0.1585	0.1995	0.2512	0.3162	0.3981	0.5012	0.6310	0.7943
1.0000	1.2589	1.5849	1.9953	2.5119	3.1623	3.9811	5.0120	6.3097	7.9430
10.000	12.589	15.849	19.953	25.119	31.623	39.811	50.120	63.097	79.430
100.00	125.89	158.49	199.53	251.19	316.23	398.11	501.20	630.97	794.30
1000.0									

Tab. 2: Supplied frequencies

Space Research Institute Department of Experimental Space Research Austrian Academy of Sciences Schmidlstraße 6 8042 Graz - Messendorf Austria	Project: Rosetta – RPC-MAG Sample Rate and Frequency Response Analysis RO-IWF-TR0001	Document: IWF 2002/01 Filename: RPC-MAG Author: hue@oeaw.ac.at Revision: January 2002 Date: 23.01.2002 Page: 5
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1.2 IWF filename structure

All documented files have eight-character names, beginning with the sequence “1fd”. Note that the name is a mixture of letters and characters, e.g. 0 is the digit zero, not the letter O. The last digit of each name is always the measurement number. The following Table 3 shows the possible characters which contains information about the measurement for the Rosetta RPC-MAG AC calibration.

	Annotation: FM flight model FS flight spare model DPU data processing unit fd_h 22000 nT _{pp} fd_l 500 nT _{pp}
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Tab. 3: IWF filename structure

1.3 Measurement data

The RPC-MAG AC-calibration consists of 22 CCD datasets (Complete Calibration Data), measured at Magnetsrode. Each CCD-file has a individual number and IWF-filename as shown in Table 4. A CCD-file has exactly 8 channels. Table 5 shows the combination of channels and frames. Inboard and outboard magnetic field vectors are from channel 0 to 5.

Number	CCD-File	Annotation	IWF-Name
01	01-04-05 // 10-53-16	fd_h // FM-Sensor // FS-DPU	1fd3i2b1
02	01-04-05 // 11-40-37	fd_l // FM-Sensor // FS-DPU	1fd5i2b1
03	01-04-20 // 09-01-12	fd_h // FM-Sensor // FM-DPU	1fd3i1b1
04	01-04-20 // 09-48-34	fd_l // FM-Sensor // FM-DPU	1fd5i1b1
05	01-04-23 // 07-07-01	fd_h // FS-Sensor // FM-DPU	1fd3o1b1
06	01-04-23 // 07-54-55	fd_l // FS-Sensor // FM-DPU	1fd5o1b1
07	01-04-25 // 14-46-10	fd_h // FS-Sensor // FS-DPU	1fd3o2b1
08	01-04-25 // 15-33-33	fd_l // FS-Sensor // FS-DPU	1fd5o2b1
09	01-04-25 // 16-20-57	fd_h // FS-Sensor // FS-DPU	1fd3o2b2
10	01-04-25 // 17-08-17	fd_l // FS-Sensor // FS-DPU	1fd5o2b2
11	01-04-25 // 17-55-38	fd_h // FS-Sensor // FS-DPU	1fd3o2b3
12	01-04-25 // 18-42-58	fd_l // FS-Sensor // FS-DPU	1fd5o2b3
13	01-04-25 // 19-30-18	fd_h // FS-Sensor // FS-DPU	1fd3o2b4
14	01-04-25 // 20-17-39	fd_l // FS-Sensor // FS-DPU	1fd5o2b4
15	01-04-25 // 21-04-59	fd_h // FS-Sensor // FS-DPU	1fd3o2b5
16	01-04-25 // 21-52-20	fd_l // FS-Sensor // FS-DPU	1fd5o2b5
17	01-04-25 // 22-39-41	fd_h // FS-Sensor // FS-DPU	1fd3o2b6
18	01-04-25 // 23-27-01	fd_l // FS-Sensor // FS-DPU	1fd5o2b6
19	01-04-26 // 00-14-21	fd_h // FS-Sensor // FS-DPU	1fd3o2b7
20	01-04-26 // 01-01-41	fd_l // FS-Sensor // FS-DPU	1fd5o2b7
21	01-04-26 // 01-49-02	fd_h // FS-Sensor // FS-DPU	1fd3o2b8
22	01-04-26 // 02-36-22	fd_l // FS-Sensor // FS-DPU	1fd5o2b8

Tab. 4: Rosetta RPC-MAG measurements

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CCD channels of the ADC-frames	
CH 0	FGM-IB-x
CH 1	FGM-IB-y
CH 2	FGM-IB-z
CH 3	FGM-OB-x
CH 4	FGM-OB-y
CH 5	FGM-OB-z
CH 6	Temperature IB
CH 7	Temperature OB
CH 8	Framecounter

Tab. 5: Rawdata channels

1.4 Calibration

1.4.1 Calibration Setup

The main setup of the Digital Frequency Measurement is outlined in Figure 1 and in the picture Figure 2. The coilsystem is the Braunbeck-System at IGM/TUB. The coils are adequately supplied with the desired signals in frequency and amplitude. Strictly speaking, only one coil is impinged with the signal and the fluxgate sensor is in diagonal position in the center of the coil (CoC). The files themselves are summarized in the appendix.

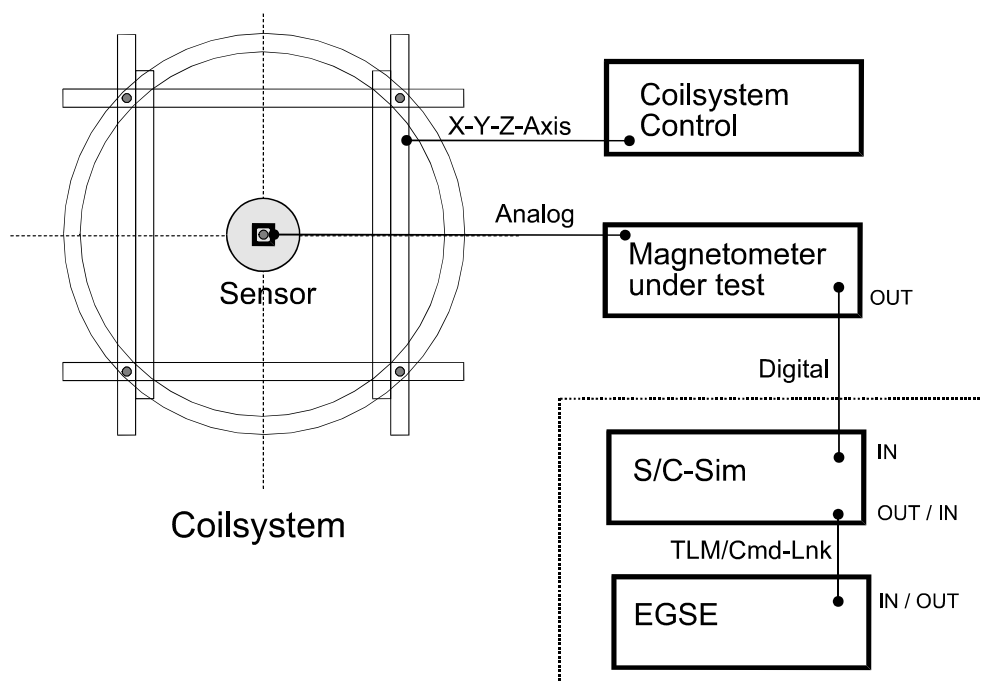


Fig. 1: Blockdiagram of the Calibration Setup for Digital Frequency Measurements

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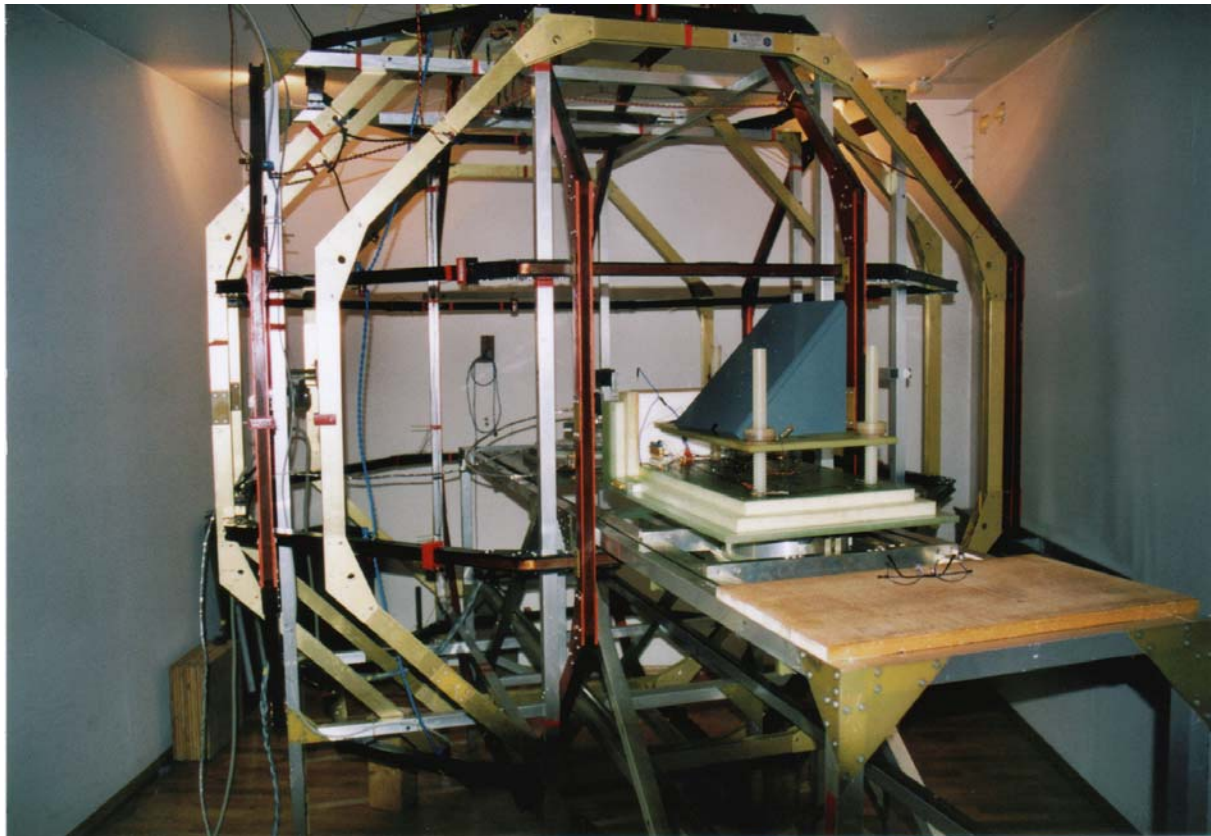


Fig. 2: Picture of the Braunbeck Coilsystem at IGM/TUB [Magnetsrode](#)

1.4.2 Calibration Software

The approach for AC-calibration is a least square scheme for determining the calibration parameters. Correct calibration parameters are determined by requiring that the final data set must yield values of the residuals close to zero. The technique is extremely efficient provided input data are available from the CCD-Record (IGM/TUB) and is prove useful for Rosetta RPC-MAG Frequency Response Analysis. Figure 3 outlines the dataflow from the measured CCD-Records to the final outputs as file and/or graphic.

The Complete Calibration Data (CCD) Records are delivered from the coilsystem in Magnetsrode and includes the rawdata channels as shown in Table 5. The DOS program CCD2T extracts the channels and creates ASCII output. The pipeline continues with MATLAB modul, first the data import followed by the rawdata inspection and the selection of the range belonging to one frequency (41 ranges; from 100mHz to 1kHz in logarithmic order) and as core module the optimization routines. After successful finishing all results are stored in a structure and some selected values are printed in the final ASCII file.

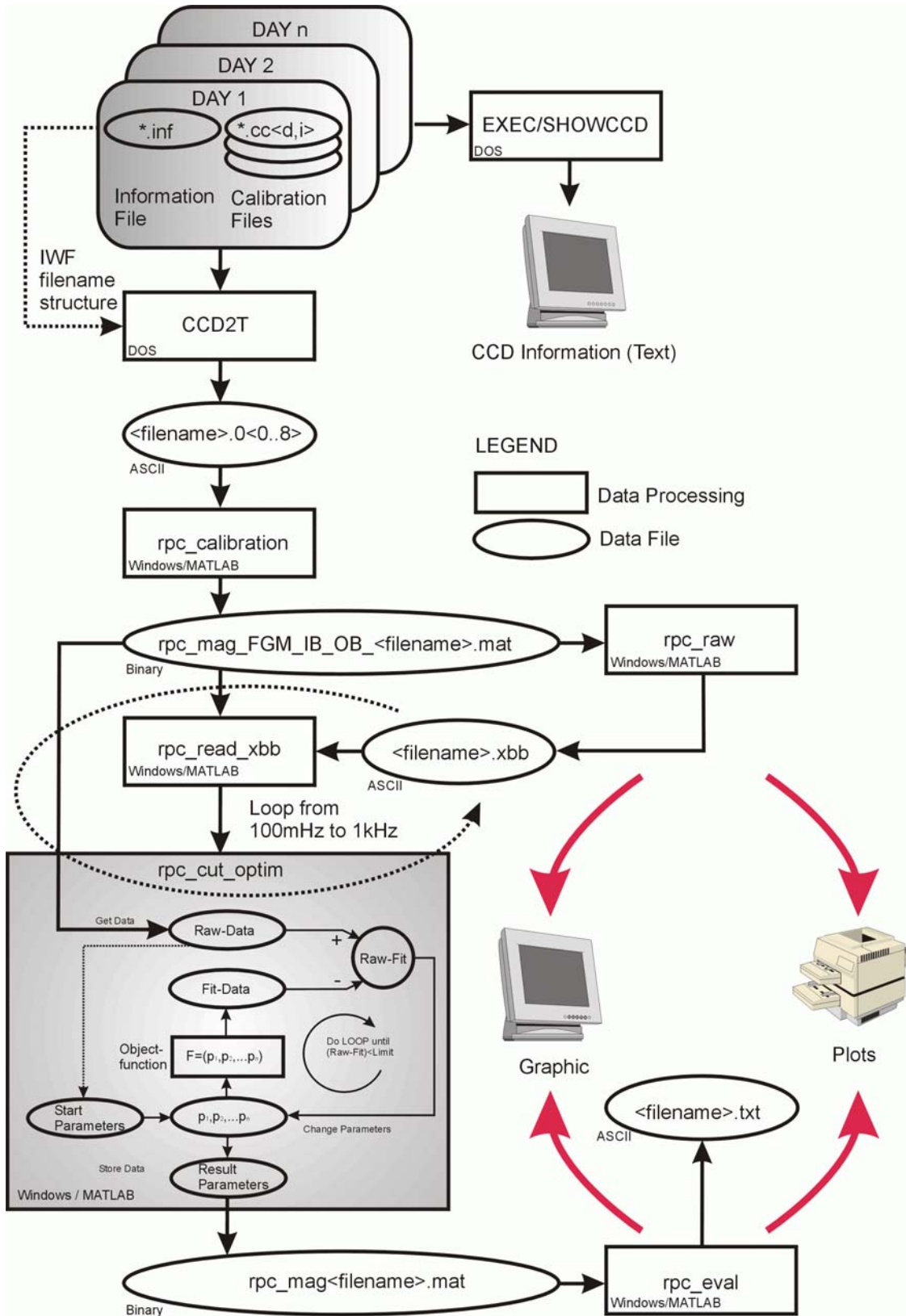


Fig. 3: RPC-MAG AC-calibration flow

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2. Results and Conclusions

Appendix A lists the results for each CCD file. Table 6 is the summary of the investigations of RPC-MAG AC-calibration for each combination of flight and flight-spare units. RPC-MAG has a samplefrequency with the FM-DPU of 19,9810 Hz and 19.9806 Hz with the FS-DPU, regardless of the sensor. The cornerfrequency is at 13.5 Hz.

FM-Sensor // FS-DPU	
Cornerfrequency –3 dB @ ...	Samplefrequency ...
13.5 ± 0.3 Hz	19.98070 ± 0.00002 Hz
FM-Sensor // FM-DPU	
Cornerfrequency –3 dB @ ...	Samplefrequency ...
13.5 ± 0.3 Hz	19.98103 ± 0.00005 Hz
FS-Sensor // FM-DPU	
Cornerfrequency –3 dB @ ...	Samplefrequency ...
13.5 ± 0.3 Hz	19.98103 ± 0.00002 Hz
FS-Sensor // FS-DPU	
Cornerfrequency –3 dB @ ...	Samplefrequency ...
13.5 ± 0.3 Hz	19.98060 ± 0.00002 Hz

Tab. 6: RPC-MAG Summary

3. References, Links and Acknowledgements

References

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Links

Useful link for further information:

<http://sci.esa.int/rosetta/>
<http://www.iwf.oeaw.ac.at>

Acknowledgements

Also contributing to the AC calibration of the RPC-MAG were [G. Musmann](#) and [I. Richter](#) at the Technische Universität Braunschweig. Special thanks to them for supporting during the measurement campaign.

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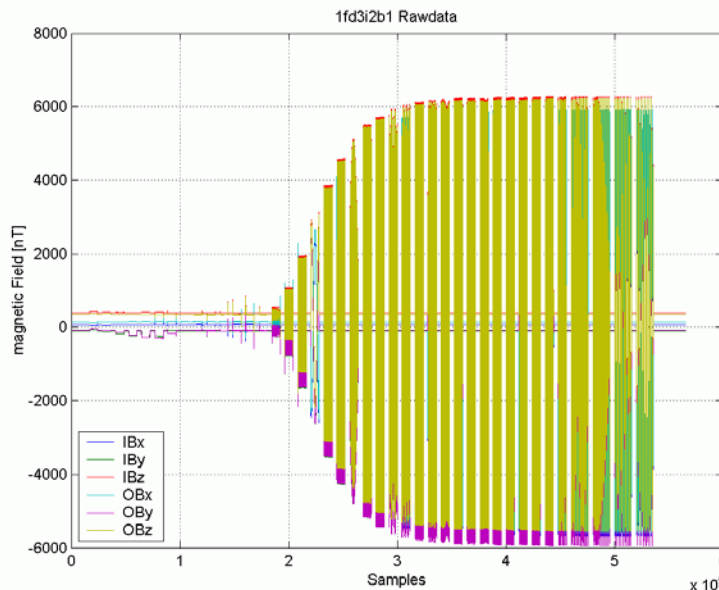
4. Appendix A: Single measurement results

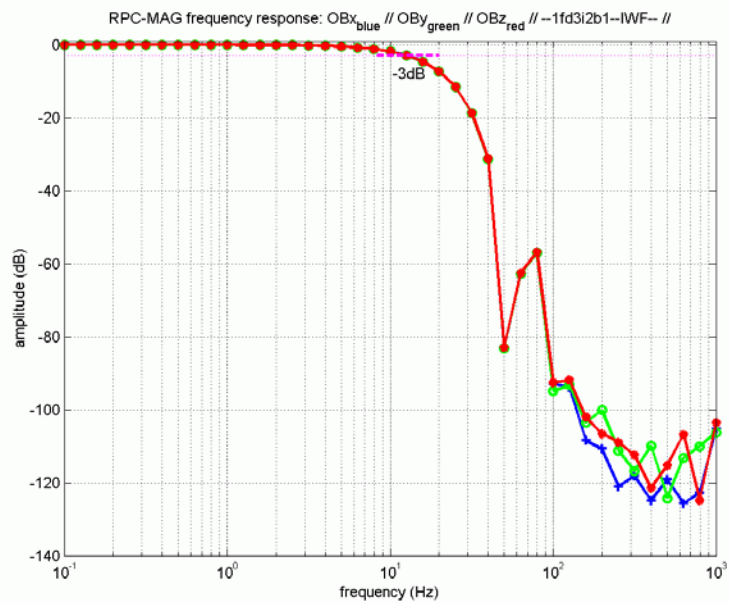
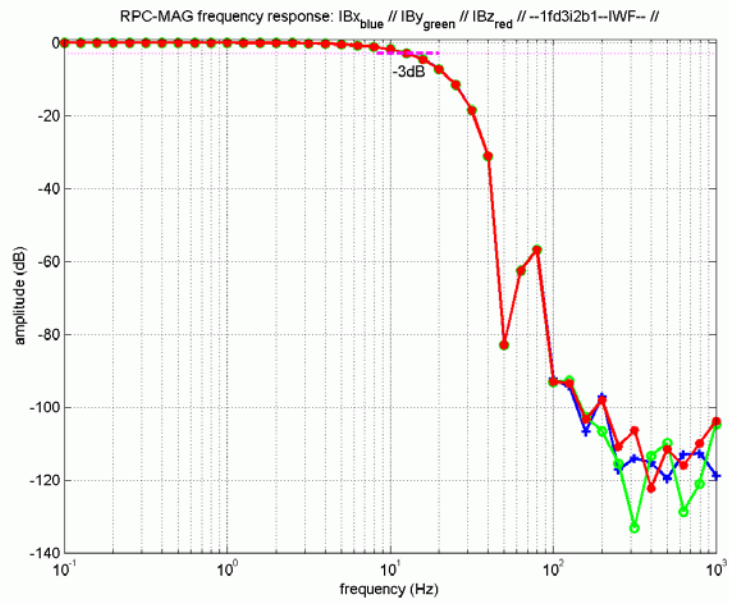
4.1 FM-Sensor, FS-DPU

4.1.1 1fd3i2b1

Number // CCD-File // Annotation // IWF-Name
 --01-- // 01-04-05 10-53-16 // fd_h FM-Sensor FS-DPU // 1fd3i2b1

File:	1fd3i2b1											
Frequency (Hz)	IBx (dB)	IBy (dB)	IBz (dB)	OBx (dB)	OBy (dB)	OBz (dB)	IBx_fs (Hz)	IBy_fs (Hz)	IBz_fs (Hz)	OBx_fs (Hz)	OBy_fs (Hz)	OBz_fs (Hz)
0,1000	0,000000	0,000000	0,000000	0,000000	0,000000	0,000000	19,980689	19,980687	19,980696	19,980690	19,980694	19,980704
0,1259	0,009014	0,009092	0,009037	0,009007	0,009089	0,009044	19,980722	19,980723	19,980717	19,980721	19,980724	19,980722
0,1585	-0,001736	-0,001820	-0,001728	-0,001694	-0,001774	-0,001746	19,980707	19,980711	19,980714	19,980707	19,980712	19,980712
0,1995	0,000978	0,001011	0,000942	0,000941	0,000975	0,000975	19,980726	19,980725	19,980723	19,980725	19,980722	19,980725
0,2512	-0,009081	-0,009007	-0,009126	-0,009093	-0,009089	-0,009076	19,980700	19,980728	19,980728	19,980707	19,980718	19,980723
0,3162	0,009914	0,009970	0,009775	0,009864	0,009893	0,009873	19,980726	19,980713	19,980715	19,980712	19,980714	19,980707
0,3981	-0,009439	-0,009355	-0,009627	-0,009504	-0,009494	-0,009558	19,980703	19,980704	19,980705	19,980704	19,980704	19,980707
0,5012	-0,033329	-0,033309	-0,033608	-0,033385	-0,033463	-0,033484	19,980703	19,980703	19,980704	19,980704	19,980701	19,980705
0,6310	-0,027944	-0,027888	-0,028333	-0,027963	-0,028116	-0,028190	19,980706	19,980706	19,980705	19,980705	19,980706	19,980705
0,7943	-0,026806	-0,026751	-0,027388	-0,026865	-0,027140	-0,027194	19,980697	19,980702	19,980701	19,980699	19,980700	19,980700
1,0000	-0,046318	-0,046432	-0,047271	-0,046454	-0,046983	-0,047053	19,980702	19,980703	19,980701	19,980702	19,980704	19,980702
1,2589	-0,058074	-0,058404	-0,059556	-0,058253	-0,059215	-0,059319	19,980706	19,980707	19,980707	19,980707	19,980706	19,980707
1,5849	-0,060213	-0,060896	-0,062475	-0,060458	-0,062154	-0,062179	19,980707	19,980706	19,980706	19,980706	19,980707	19,980707
1,9953	-0,092739	-0,094068	-0,096315	-0,093122	-0,095950	-0,095931	19,980709	19,980711	19,980707	19,980709	19,980710	19,980707
2,5119	-0,126833	-0,129208	-0,132428	-0,127450	-0,132113	-0,132013	19,980709	19,980708	19,980708	19,980708	19,980708	19,980708
3,1623	-0,207892	-0,212059	-0,216673	-0,208928	-0,216494	-0,216185	19,980706	19,980706	19,980706	19,980705	19,980706	19,980706
3,9811	-0,306703	-0,313845	-0,320559	-0,308302	-0,320656	-0,319952	19,980689	19,980690	19,980691	19,980689	19,980690	19,980692
5,0120	-0,468324	-0,480156	-0,489882	-0,470927	-0,490620	-0,489225	19,980706	19,980706	19,980706	19,980706	19,980706	19,980706
6,3097	-0,745583	-0,764601	-0,778654	-0,749765	-0,780634	-0,778010	19,980706	19,980706	19,980706	19,980706	19,980706	19,980706
7,9430	-1,156968	-1,186423	-1,206387	-1,163706	-1,210803	-1,206040	19,980704	19,980704	19,980704	19,980704	19,980704	19,980704
10,0000	-1,803830	-1,850225	-1,873386	-1,814096	-1,883908	-1,875104	19,980624	19,980634	19,980615	19,980620	19,980620	19,980621
12,5890	-2,852615	-2,912594	-2,947491	-2,870619	-2,966965	-2,950707	19,980705	19,980705	19,980705	19,980705	19,980705	19,980705
15,8490	-4,501529	-4,575617	-4,614792	-4,531044	-4,654025	-4,623779	19,980705	19,980705	19,980705	19,980705	19,980705	19,980705
19,9530	-7,269205	-7,299617	-7,293766	-7,317328	-7,358910	-7,317679	19,981308	19,981047	19,980808	19,981311	19,980743	19,980831
25,1190	-11,475890	-11,532460	-11,542824	-11,549568	-11,675700	-11,579952	19,980704	19,980704	19,980704	19,980704	19,980704	19,980704
31,6230	-18,600466	-18,616530	-18,590723	-18,705312	-18,792529	-18,645722	19,980704	19,980704	19,980704	19,980704	19,980704	19,980704
39,8110	-31,155605	-31,137858	-31,089336	-31,292097	-31,339377	-31,151442	19,980703	19,980706	19,980706	19,980703	19,980707	19,980705
50,1200	-83,148239	-82,911844	-82,943789	-83,326599	-83,158812	-82,998726	19,981045	19,980942	19,980975	19,980888	19,980906	19,980852
63,0970	-62,595356	-62,625302	-62,629868	-62,768878	-62,832843	-62,646722	19,980737	19,980674	19,980697	19,980753	19,980685	19,980698
79,4300	-56,696280	-56,713811	-56,844654	-56,906319	-56,966587	-56,815984	19,980719	19,980680	19,980707	19,980709	19,980698	19,980708
100,0000	-92,233548	-93,185232	-92,994176	-92,901802	-94,942738	-92,535678	19,986022	19,981414	19,980572	19,982046	19,981311	19,980694
125,8900	-94,410221	-92,756619	-93,458457	-93,837592	-93,235862	-91,908968	19,980732	19,981631	19,981346	19,981521	19,981792	19,981973
158,4900	-106,743332	-102,801161	-103,391075	-108,432639	-103,629288	-101,943718	19,980064	19,980301	19,980551	19,980629	19,980506	19,980268
199,5300	-97,198747	-106,590105	-98,242882	-110,711241	-100,107148	-106,618766	19,979012	19,980595	19,978753	19,980233	19,981852	19,980606
251,1900	-117,236476	-115,418983	-110,828689	-120,989193	-111,204142	-108,931964	19,980431	19,980515	19,980569	19,980689	19,981055	19,980599
316,2300	-114,088946	-133,102266	-106,421054	-118,210713	-116,912284	-112,431685	19,980569	19,980698	19,980583	19,980616	19,980688	19,980971
398,1100	-115,306954	-113,332641	-122,369159	-124,851720	-109,843808	-121,421705	19,980076	19,980623	19,980589	19,980664	19,980112	19,980343
501,2000	-119,622136	-109,941457	-111,564818	-119,186286	-124,263872	-115,322374	19,980997	19,980135	19,980771	19,980673	19,980642	19,980650
630,9700	-112,977795	-128,678492	-116,087058	-125,747617	-113,193128	-106,759235	19,980610	19,980504	19,980525	19,980674	19,980592	19,980490
794,3000	-112,705807	-121,010585	-110,007106	-122,771124	-110,016059	-124,873824	19,980557	19,980567	19,980823	19,980746	19,980591	19,980631
1000,0000	-118,929311	-104,649581	-103,846059	-105,338684	-106,203069	-103,623901	19,980614	19,980662	19,980567	19,980645	19,980650	19,980638



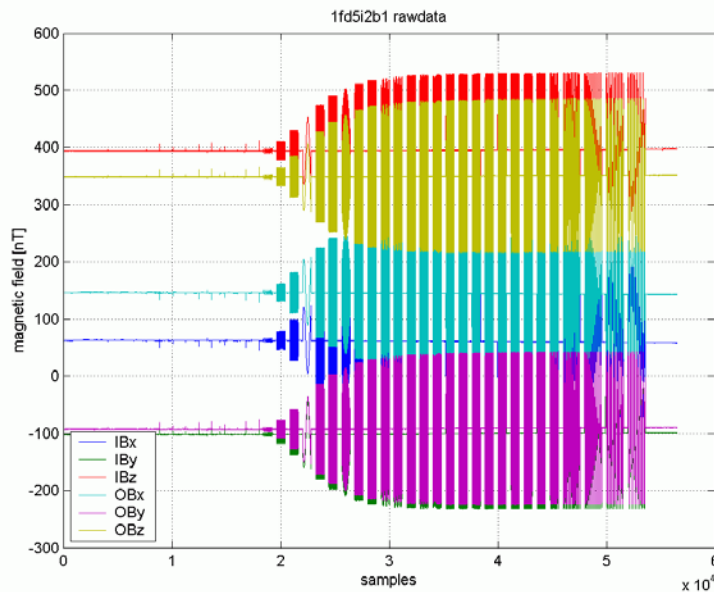


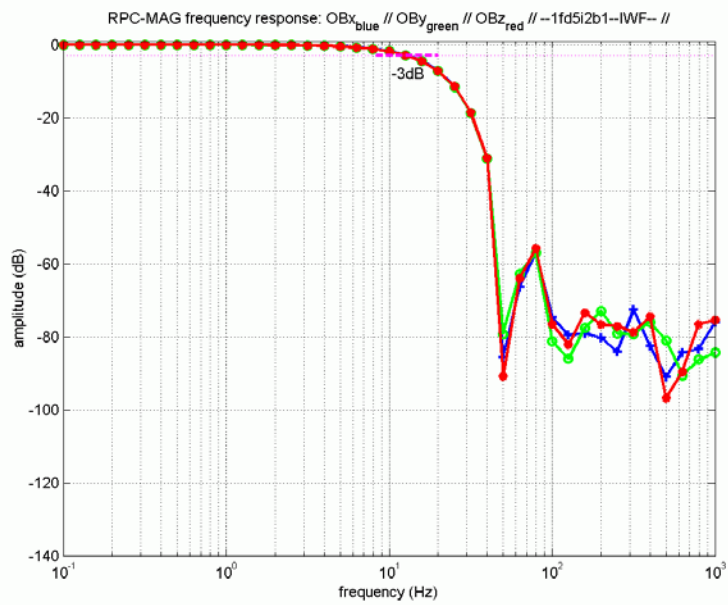
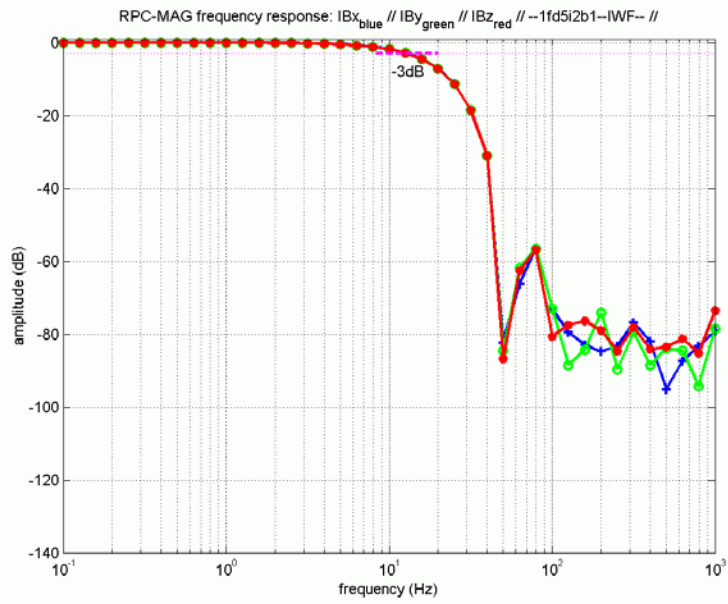
Space Research Institute Department of Experimental Space Research Austrian Academy of Sciences Schmiedlstraße 6 8042 Graz - Messendorf Austria	Project: Rosetta – RPC-MAG Sample Rate and Frequency Response Analysis RO-IWF-TR0001	Document: IWF 2002/01 Filename: RPC-MAG Author: hue@oeaw.ac.at Revision: January 2002 Date: 23.01.2002 Page: 12
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4.1.2 1fd5i2b1

Number // CCD-File // Annotation // IWF-Name
 --02-- // 01-04-05 11-40-37 // fd_1 FM-Sensor FS-DPU // 1fd5i2b1

File: 1fd5i2b1												
Frequency (Hz)	IBx (dB)	IBy (dB)	IBz (dB)	OBx (dB)	OBy (dB)	OBz (dB)	IBx_fs (Hz)	IBy_fs (Hz)	IBz_fs (Hz)	OBx_fs (Hz)	OBy_fs (Hz)	OBz_fs (Hz)
0.1000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	19.980734	19.980740	19.980941	19.980685	19.980809	19.981000
0.1259	-0.000370	-0.002423	-0.001209	0.000471	-0.003370	-0.002800	19.980828	19.980624	19.980554	19.980847	19.980559	19.980498
0.1585	-0.003496	-0.002839	-0.002428	-0.001761	-0.003327	-0.002925	19.980748	19.980681	19.980821	19.980819	19.980680	19.980922
0.1995	-0.004189	-0.004601	-0.002998	-0.002320	-0.005847	-0.004400	19.980729	19.980736	19.980713	19.980723	19.980744	19.980654
0.2512	-0.005526	-0.006082	-0.002327	-0.005401	-0.006351	-0.004310	19.980620	19.980633	19.980668	19.980611	19.980693	19.980692
0.3162	-0.007184	-0.006885	-0.006374	-0.006679	-0.007569	-0.007111	19.980785	19.980879	19.980657	19.980743	19.980777	19.980941
0.3981	-0.009354	-0.008648	-0.007474	-0.008198	-0.009678	-0.008644	19.980716	19.980731	19.980530	19.980673	19.980787	19.980621
0.5012	-0.011073	-0.011551	-0.009117	-0.010987	-0.011281	-0.009071	19.980683	19.980701	19.980660	19.980668	19.980709	19.980660
0.6310	-0.015420	-0.015293	-0.013367	-0.013734	-0.016085	-0.014397	19.980695	19.980680	19.980708	19.980654	19.980637	19.980658
0.7943	-0.019919	-0.020456	-0.019024	-0.020050	-0.021112	-0.020201	19.980696	19.980710	19.980779	19.980676	19.980699	19.980751
1.0000	-0.027938	-0.027901	-0.026340	-0.027651	-0.028363	-0.027457	19.980703	19.980708	19.980753	19.980677	19.980729	19.980766
1.2589	-0.040664	-0.039812	-0.037341	-0.038984	-0.040633	-0.038087	19.980704	19.980717	19.980715	19.980716	19.980697	19.980718
1.5849	-0.057590	-0.057439	-0.056822	-0.056407	-0.059356	-0.057482	19.980702	19.980692	19.980697	19.980699	19.980703	19.980702
1.9953	-0.084788	-0.085045	-0.086323	-0.084712	-0.088084	-0.087789	19.980703	19.980697	19.980705	19.980700	19.980710	19.980688
2.5119	-0.126842	-0.128692	-0.129482	-0.126990	-0.131859	-0.130145	19.980699	19.980707	19.980707	19.980714	19.980714	19.980706
3.1623	-0.192588	-0.196198	-0.197467	-0.193927	-0.201478	-0.199137	19.980722	19.980711	19.980697	19.980722	19.980705	19.980693
3.9811	-0.296650	-0.302938	-0.306555	-0.298509	-0.310330	-0.306874	19.980701	19.980701	19.980703	19.980697	19.980714	19.980700
5.0120	-0.458769	-0.470560	-0.477043	-0.461128	-0.481448	-0.478343	19.980711	19.980706	19.980706	19.980712	19.980703	19.980711
6.3097	-0.714636	-0.733430	-0.743443	-0.719101	-0.749939	-0.745542	19.980705	19.980705	19.980706	19.980706	19.980709	19.980708
7.9430	-1.118888	-1.149495	-1.164501	-1.127144	-1.173744	-1.167233	19.980708	19.980707	19.980705	19.980705	19.980706	19.980706
10.0000	-1.761297	-1.805116	-1.827410	-1.773688	-1.842248	-1.831282	19.980710	19.980704	19.980708	19.980710	19.980708	19.980708
12.5890	-2.783757	-2.845344	-2.872140	-2.804581	-2.899669	-2.879667	19.980707	19.980706	19.980704	19.980706	19.980707	19.980704
15.8490	-4.422138	-4.499746	-4.533729	-4.455777	-4.577783	-4.546690	19.980709	19.980707	19.980703	19.980707	19.980705	19.980706
19.9530	-7.070485	-7.159469	-7.182958	-7.118394	-7.268409	-7.217493	19.980698	19.980718	19.980727	19.980694	19.980711	19.980719
25.1190	-11.393237	-11.455322	-11.457368	-11.471901	-11.598229	-11.500551	19.980708	19.980705	19.980703	19.980707	19.980705	19.980700
31.6230	-18.542854	-18.563278	-18.529120	-18.649297	-18.741143	-18.581095	19.980707	19.980711	19.980703	19.980702	19.980708	19.980704
39.8110	-31.133041	-31.082836	-30.994216	-31.327231	-31.262593	-31.034166	19.980729	19.980724	19.980754	19.980728	19.980720	19.980764
50.1200	-82.329226	-84.540176	-86.776503	-85.623857	-79.223451	-90.778079	19.983926	19.981017	19.979142	19.981206	19.981305	19.981734
63.0970	-66.175692	-61.819400	-62.540735	-66.357539	-62.808306	-64.039151	19.977776	19.974634	19.974607	19.977494	19.974206	19.975028
79.4300	-56.483761	-56.540017	-56.837748	-57.049477	-56.922976	-55.931266	19.981566	19.981094	19.981375	19.981178	19.981299	19.981800
100.0000	-73.127767	-73.032752	-80.671691	-74.598923	-81.270788	-76.596471	19.983399	19.983056	19.979901	19.981057	19.981620	19.980656
125.8900	-79.553488	-88.464347	-77.561823	-79.590528	-86.098292	-82.138570	19.981407	19.980382	19.981954	19.981516	19.980793	19.980767
158.4900	-82.885246	-84.248699	-76.383221	-79.023548	-77.653768	-73.517919	19.981419	19.981085	19.981256	19.981187	19.981302	19.981838
199.5300	-84.776692	-74.199366	-79.017670	-80.360231	-72.938328	-76.698871	19.980805	19.980598	19.980992	19.981442	19.980629	19.981058
251.1900	-83.340405	-89.689576	-84.642334	-84.165031	-79.137330	-77.169617	19.980861	19.980871	19.981020	19.980904	19.981192	19.981361
316.2300	-76.881255	-79.403334	-78.248086	-72.659471	-79.296896	-78.759007	19.981102	19.981339	19.981088	19.981861	19.981355	19.981123
398.1100	-82.039977	-88.491920	-84.185174	-82.567774	-76.005788	-74.415567	19.981053	19.981044	19.981026	19.981029	19.980912	19.980957
501.2000	-95.269641	-83.984743	-83.482804	-90.953934	-80.949443	-89.874654	19.980983	19.980899	19.980952	19.981299	19.980746	19.981396
630.9700	-87.298431	-84.538549	-81.270941	-84.324036	-90.594494	-86.634290	19.981181	19.981144	19.980958	19.981218	19.981145	19.980973
794.3000	-83.404091	-94.376679	-85.197049	-83.379059	-86.321133	-76.641986	19.981015	19.981052	19.980993	19.980960	19.980776	19.980971
1000.0000	-79.171273	-78.611410	-73.628109	-76.078097	-84.347945	-75.417768	19.980994	19.980949	19.980995	19.980912	19.980889	19.980973





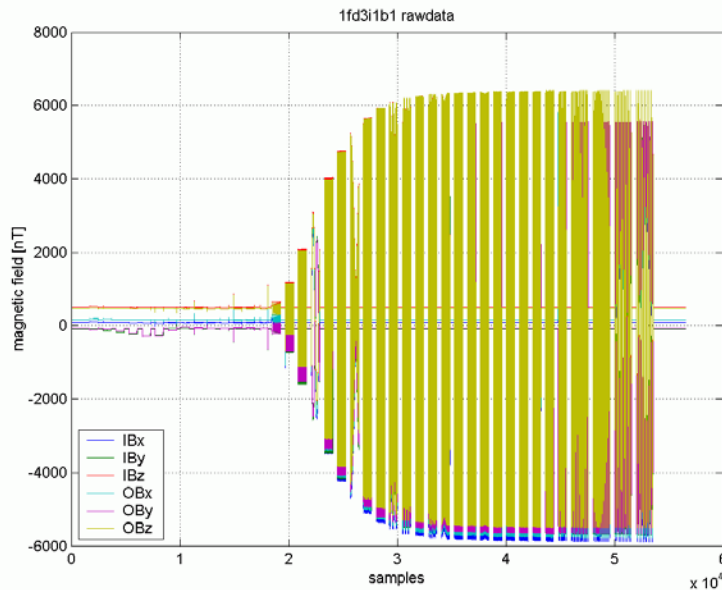
Space Research Institute Department of Experimental Space Research Austrian Academy of Sciences Schmiedlstraße 6 8042 Graz - Messendorf Austria	Project: Rosetta – RPC-MAG Sample Rate and Frequency Response Analysis RO-IWF-TR0001	Document: IWF 2002/01 Filename: RPC-MAG Author: hue@oeaw.ac.at Revision: January 2002 Date: 23.01.2002 Page: 14
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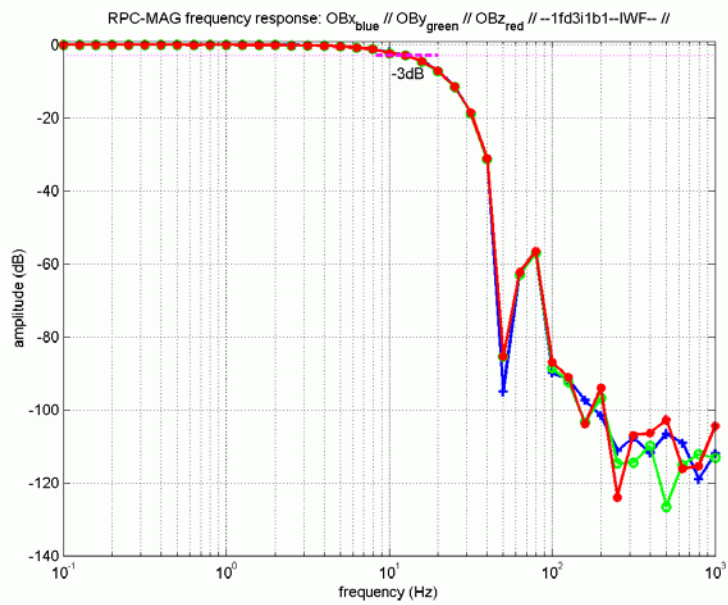
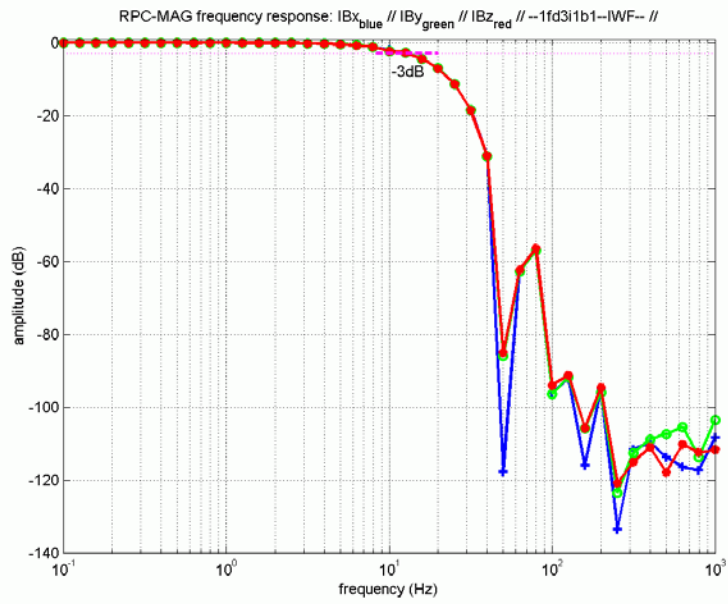
4.2 FM-Sensor, FM-DPU

4.2.1 1fd3i1b1

Number // CCD-File // Annotation // IWF-Name
 --03-- // 01-04-20 09-01-12 // fd_h FM-Sensor FM-DPU // 1fd3i1b1

File: 1fd3i1b1												
Frequency (Hz)	IBx (dB)	IBy (dB)	IBz (dB)	OBx (dB)	OBy (dB)	OBz (dB)	IBx_fs (Hz)	IBy_fs (Hz)	IBz_fs (Hz)	OBx_fs (Hz)	OBy_fs (Hz)	OBz_fs (Hz)
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0,1259	-0,021422	-0,021362	-0,021412	-0,021425	-0,021387	-0,021409	19,981019	19,981023	19,981024	19,981021	19,981022	19,981027
0,1585	-0,018385	-0,018327	-0,018403	-0,018374	-0,018351	-0,018362	19,981047	19,981045	19,981045	19,981046	19,981046	19,981043
0,1995	-0,021490	-0,021396	-0,021526	-0,021507	-0,021457	-0,021559	19,981037	19,981037	19,981036	19,981037	19,981036	19,981036
0,2512	-0,049119	-0,049016	-0,049141	-0,049053	-0,049083	-0,049170	19,980892	19,980894	19,980889	19,980899	19,980903	19,980892
0,3162	-0,017104	-0,017170	-0,017170	-0,017142	-0,017061	-0,017195	19,981021	19,981037	19,981038	19,981014	19,981027	19,981049
0,3981	-0,036530	-0,036307	-0,036597	-0,036495	-0,036495	-0,036650	19,981027	19,981027	19,981027	19,981038	19,981040	19,981033
0,5012	-0,037315	-0,036936	-0,037335	-0,037295	-0,037350	-0,037466	19,981021	19,981022	19,981022	19,981022	19,981023	19,981022
0,6310	-0,058318	-0,057775	-0,058297	-0,058256	-0,058404	-0,058489	19,981025	19,981024	19,981028	19,981026	19,981025	19,981028
0,7943	-0,040498	-0,039720	-0,040549	-0,040341	-0,040628	-0,040792	19,981023	19,981023	19,981022	19,981030	19,981029	19,981024
1,0000	-0,052927	-0,051747	-0,052905	-0,052746	-0,053274	-0,053354	19,981024	19,981028	19,981023	19,981030	19,981022	19,981030
1,2589	-0,084475	-0,082705	-0,084342	-0,084070	-0,084960	-0,085011	19,981027	19,981026	19,981026	19,981024	19,981025	19,981025
1,5849	-0,103599	-0,101005	-0,103408	-0,103058	-0,104592	-0,104471	19,981025	19,981025	19,981025	19,981027	19,981027	19,981026
1,9953	-0,112277	-0,108429	-0,112024	-0,111439	-0,114087	-0,113638	19,981032	19,981031	19,981031	19,981031	19,981030	19,981031
2,5119	-0,152671	-0,146951	-0,152267	-0,151455	-0,155703	-0,154868	19,981028	19,981027	19,981028	19,981027	19,981027	19,981027
3,1623	-0,232285	-0,223683	-0,231744	-0,230545	-0,237314	-0,235741	19,981026	19,981026	19,981026	19,981026	19,981026	19,981026
3,9811	-0,319828	-0,307054	-0,319217	-0,317385	-0,328253	-0,325374	19,981031	19,981031	19,981030	19,981029	19,981030	19,981030
5,0120	-0,504686	-0,485825	-0,504086	-0,501357	-0,518565	-0,513577	19,981028	19,981027	19,981027	19,981027	19,981027	19,981028
6,3097	-0,735610	-0,708020	-0,735339	-0,731311	-0,758238	-0,749679	19,981026	19,981026	19,981026	19,981026	19,981026	19,981026
7,9430	-1,192361	-1,152893	-1,193016	-1,187161	-1,228825	-1,214551	19,981025	19,981025	19,981025	19,981025	19,981025	19,981025
10,0000	-2,039603	-2,372410	-2,388616	-2,014555	-2,401588	-2,372832	19,980225	19,978456	19,978952	19,980252	19,978786	19,979053
12,5890	-2,826956	-2,758420	-2,835131	-2,824089	-2,919159	-2,879698	19,981026	19,981026	19,981026	19,981026	19,981026	19,981026
15,8490	-4,463085	-4,388469	-4,481441	-4,468008	-4,605631	-4,541225	19,981026	19,981026	19,981025	19,981025	19,981025	19,981026
19,9530	-7,101320	-7,045164	-7,136438	-7,123382	-7,313370	-7,210051	19,981031	19,981026	19,981028	19,981035	19,981026	19,981026
25,1190	-11,379150	-11,384596	-11,436340	-11,428601	-11,673374	-11,516256	19,981025	19,981025	19,981026	19,981025	19,981026	19,981025
31,6230	-18,473064	-18,581837	-18,544210	-18,552878	-18,839791	-18,617234	19,981026	19,981025	19,981026	19,981025	19,981025	19,981025
39,8110	-31,034066	-31,260873	-31,097076	-31,135343	-31,442260	-31,154473	19,981319	19,981315	19,981317	19,981321	19,981316	19,981320
50,1200	-117,715195	-86,113272	-85,103284	-95,083425	-85,535101	-85,431786	19,980313	19,970441	19,991158	19,985060	19,990378	19,989306
63,0970	-62,540145	-62,831501	-62,442117	-62,670046	-62,893161	-62,478092	19,980991	19,981076	19,981052	19,981033	19,981031	19,981074
79,43000	-56,719825	-56,968086	-56,512931	-56,918116	-57,000027	-56,518688	19,981614	19,981626	19,981629	19,981614	19,981612	19,981627
100,0000	-96,112375	-96,516040	-94,061659	-89,936459	-88,613152	-86,910176	19,978198	19,978796	19,979208	19,982939	19,982943	19,978841
125,8900	-92,176831	-91,877133	-91,215607	-91,830130	-92,370565	-91,114054	19,981183	19,980974	19,980998	19,980719	19,981054	19,980918
158,4900	-116,007810	-105,773406	-105,834351	-97,470497	-103,302586	-103,933922	19,980515	19,980508	19,980538	19,981483	19,980779	19,980432
199,5300	-95,431133	-95,972724	-94,669944	-101,617789	-96,867865	-94,038705	19,982090	19,982635	19,982503	19,983243	19,983065	19,983084
251,1900	-133,617747	-123,607259	-120,903480	-111,283394	-114,684247	-124,061267	19,980756	19,980418	19,980833	19,980595	19,980571	19,980394
316,2300	-111,595389	-112,499145	-115,055300	-107,678217	-114,501651	-106,976603	19,980722	19,980547	19,979639	19,980613	19,980467	19,980343
398,1100	-109,748145	-109,000458	-111,005014	-111,839540	-109,935516	-106,496078	19,980298	19,980395	19,980712	19,980733	19,980584	19,980561
501,2000	-113,764979	-107,426055	-118,038389	-106,690038	-126,629239	-102,783280	19,980728	19,980627	19,980674	19,980809	19,980578	19,980620
630,9700	-116,490546	-105,459449	-110,253563	-109,041588	-115,153809	-116,211702	19,980780	19,980671	19,980912	19,980670	19,980615	19,980642
794,3000	-117,336287	-113,719041	-112,456381	-119,124865	-112,216386	-115,390491	19,980538	19,980685	19,980549	19,980634	19,980687	19,980602
1000,0000	-108,309892	-103,499758	-111,721373	-112,035175	-113,180166	-104,505754	19,980624	19,980784	19,980653	19,980630	19,980570	19,980648



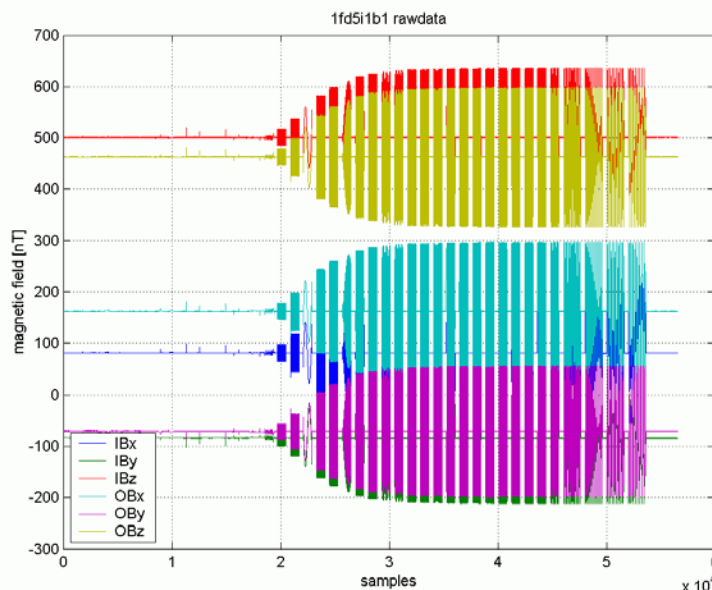


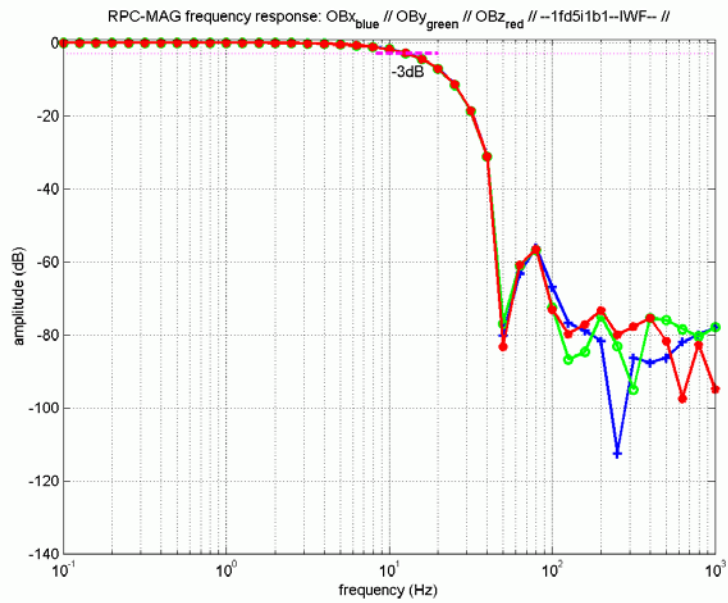
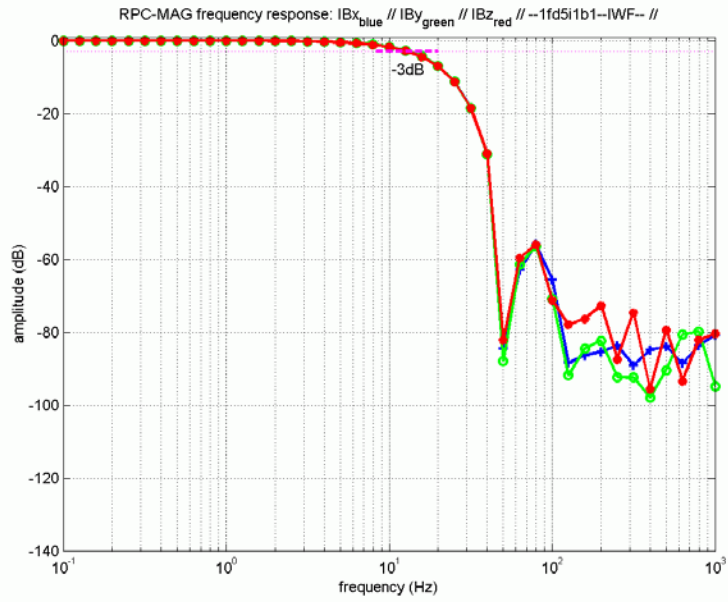
Space Research Institute Department of Experimental Space Research Austrian Academy of Sciences Schmiedlstraße 6 8042 Graz - Messendorf Austria	Project: Rosetta – RPC-MAG Sample Rate and Frequency Response Analysis RO-IWF-TR0001	Document: IWF 2002/01 Filename: RPC-MAG Author: hue@oeaw.ac.at Revision: January 2002 Date: 23.01.2002 Page: 16
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4.2.2 1fd5i1b1

Number // CCD-File // Annotation // IWF-Name
 --04-- // 01-04-20 09-48-34 // fd_1 FM-Sensor FM-DPU // 1fd5i1b1

File: 1fd5i1b1												
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0,1259	-0,000745	-0,001035	-0,001699	-0,000348	-0,000635	-0,001418	19,981098	19,980985	19,981140	19,981027	19,981083	19,981134
0,1585	-0,002539	-0,002648	-0,002293	-0,001192	-0,002531	-0,001552	19,981117	19,981042	19,980976	19,981163	19,981051	19,981067
0,1995	-0,002607	-0,003089	-0,002816	-0,003080	-0,003621	-0,001862	19,981006	19,981064	19,981145	19,980962	19,981036	19,981026
0,2512	-0,003855	-0,004561	-0,004840	-0,003834	-0,004757	-0,004254	19,981144	19,980937	19,981096	19,980938	19,981004	19,980913
0,3162	-0,006362	-0,004829	-0,006002	-0,006895	-0,005044	-0,006119	19,981108	19,981017	19,980907	19,980933	19,980994	19,981004
0,3981	-0,006528	-0,007497	-0,007237	-0,005905	-0,007131	-0,006676	19,980991	19,980994	19,981070	19,981087	19,981023	19,981108
0,5012	-0,009838	-0,009894	-0,009441	-0,009848	-0,010076	-0,008800	19,981009	19,980994	19,980989	19,980993	19,980976	19,981071
0,6310	-0,013391	-0,012706	-0,012846	-0,012752	-0,013763	-0,012446	19,981047	19,981037	19,980951	19,980972	19,981005	19,981022
0,7943	-0,017810	-0,018318	-0,018767	-0,016898	-0,019207	-0,017783	19,981160	19,980999	19,980953	19,980887	19,980971	19,981003
1,0000	-0,025847	-0,025145	-0,027379	-0,025687	-0,026567	-0,026257	19,981021	19,981019	19,981037	19,981013	19,981006	19,981044
1,2589	-0,036977	-0,036287	-0,036951	-0,037605	-0,038264	-0,036902	19,981003	19,981040	19,981050	19,981036	19,981037	19,980987
1,5849	-0,055095	-0,053052	-0,054392	-0,054757	-0,056636	-0,053671	19,981015	19,981044	19,981022	19,981044	19,981034	19,981009
1,9953	-0,082253	-0,078585	-0,082567	-0,081601	-0,084925	-0,083339	19,981023	19,981031	19,981037	19,981031	19,981025	19,981039
2,5119	-0,124861	-0,119290	-0,124537	-0,123004	-0,128456	-0,126418	19,981027	19,981025	19,981021	19,981021	19,981026	19,981028
3,1623	-0,191325	-0,182378	-0,190350	-0,190047	-0,196947	-0,192846	19,981026	19,981025	19,981022	19,981025	19,981026	19,981025
3,9811	-0,295303	-0,283395	-0,294273	-0,292398	-0,304444	-0,299183	19,981024	19,981025	19,981026	19,981024	19,981029	19,981026
5,0120	-0,457769	-0,439969	-0,456944	-0,454839	-0,473285	-0,465110	19,981023	19,981025	19,981025	19,981025	19,981027	19,981024
6,3097	-0,714406	-0,688357	-0,714685	-0,710472	-0,738122	-0,727709	19,981028	19,981023	19,981026	19,981024	19,981028	19,981024
7,9430	-1,119532	-1,081579	-1,120705	-1,115046	-1,158520	-1,140139	19,981024	19,981026	19,981025	19,981026	19,981026	19,981027
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12,5890	-2,776594	-2,710101	-2,784272	-2,773776	-2,871513	-2,827623	19,981026	19,981025	19,981024	19,981026	19,981027	19,981025
15,8490	-4,401001	-4,328585	-4,419647	-4,406617	-4,547070	-4,476310	19,981025	19,981025	19,981025	19,981026	19,981025	19,981024
19,9530	-7,016292	-6,967954	-7,058689	-7,040318	-7,239274	-7,128567	19,981013	19,981021	19,981028	19,981024	19,981021	19,981030
25,1190	-11,289991	-11,298151	-11,344433	-11,339476	-11,587944	-11,422922	19,981024	19,981026	19,981025	19,981023	19,981026	19,981028
31,6230	-18,384236	-18,501777	-18,455422	-18,463991	-18,760304	-18,526296	19,981028	19,981027	19,981030	19,981022	19,981029	19,981019
39,8110	-30,953461	-31,221714	-30,957834	-31,036768	-31,162209	-31,174577	19,980943	19,981044	19,980960	19,981018	19,980887	19,981023
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63,0970	-63,044040	-61,464813	-59,709451	-63,249441	-60,978130	-60,926032	19,982523	19,980008	19,979355	19,980976	19,979018	19,980715
79,4300	-85,880711	-86,502285	-86,048512	-86,136570	-86,756109	-86,534766	19,981049	19,981261	19,981221	19,980590	19,980903	19,981345
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125,8900	-138,432022	-139,903083	-139,225574	-139,757955	-140,726735	-139,926235	19,981763	19,980714	19,979999	19,982327	19,981214	19,981632
158,4900	-186,343232	-184,445708	-186,410561	-186,978523	-184,737073	-177,178150	19,981180	19,980456	19,980717	19,981579	19,981359	19,981169
199,5300	-254,374222	-253,058849	-252,735415	-251,741785	-249,890445	-249,365252	19,981315	19,981487	19,980847	19,981179	19,980538	19,980657
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316,2300	-444,128455	-442,424479	-444,686520	-444,934177	-445,590870	-445,859271	19,980853	19,981098	19,980833	19,980651	19,980673	19,980697
398,1100	-594,820520	-594,984657	-595,743077	-595,816593	-595,486590	-595,428985	19,980889	19,981041	19,981135	19,980855	19,981013	19,980954
501,2000	-794,928547	-794,378234	-794,442162	-794,408434	-795,959602	-795,717842	19,980963	19,981023	19,981163	19,981028	19,981061	19,980977
630,9700	-1058,515088	-1062,623184	-1063,832588	-1062,073400	-1064,461851	-1064,569182	19,980999	19,981067	19,980961	19,980999	19,981084	19,980956
794,3000	-1418,678755	-1419,841985	-1419,497935	-1419,616350	-1420,542650	-1420,788776	19,980970	19,980986	19,981040	19,981133	19,981011	19,980611
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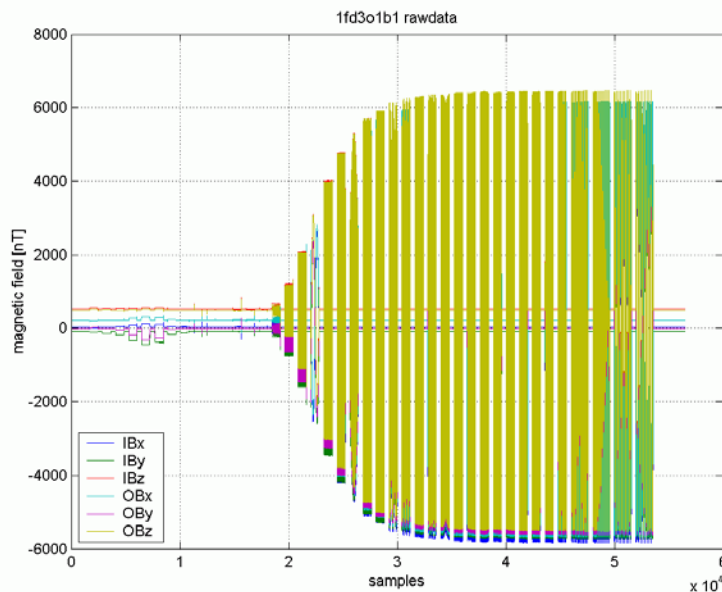
Space Research Institute Department of Experimental Space Research Austrian Academy of Sciences Schmiedlstraße 6 8042 Graz - Messendorf Austria	Project: Rosetta – RPC-MAG Sample Rate and Frequency Response Analysis RO-IWF-TR0001	Document: IWF 2002/01 Filename: RPC-MAG Author: hue@oeaw.ac.at Revision: January 2002 Date: 23.01.2002 Page: 18
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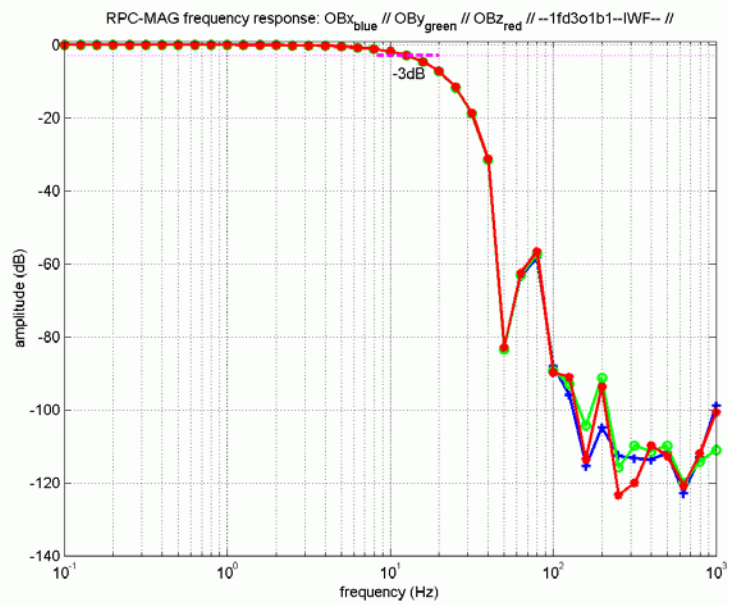
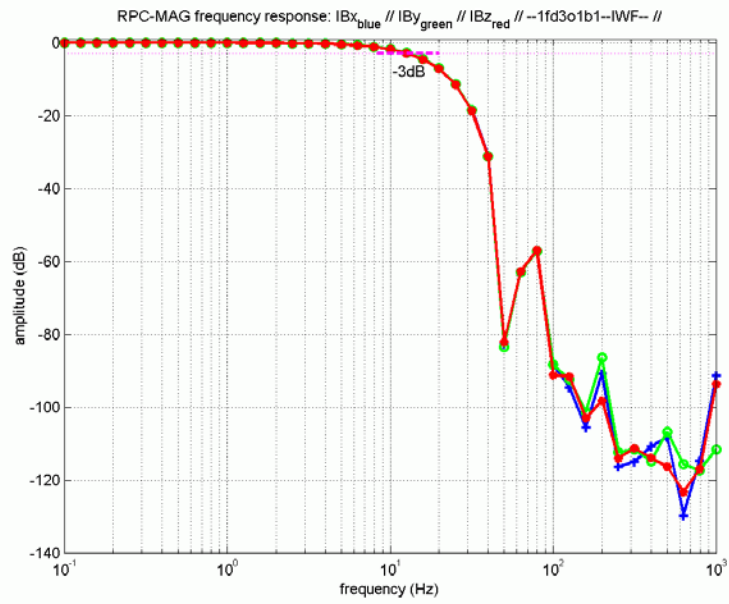
4.3 FS-Sensor, FM-DPU

4.3.1 1fd3o1b1

Number // CCD-File // Annotation // IWF-Name
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0,1585	0,002412	0,002451	0,002344	0,002364	0,002423	0,002380	19,981037	19,981049	19,981041	19,981042	19,981043	19,981042
0,1995	-0,010731	-0,010611	-0,010780	-0,010809	-0,010697	-0,010754	19,981062	19,981064	19,981065	19,981064	19,981064	19,981065
0,2512	-0,020498	-0,020328	-0,020521	-0,020577	-0,020443	-0,020499	19,981053	19,981043	19,981046	19,981050	19,981046	19,981048
0,3162	-0,012732	-0,012487	-0,012686	-0,012833	-0,012639	-0,012713	19,981076	19,981079	19,981073	19,981076	19,981078	19,981073
0,3981	-0,030683	-0,030335	-0,030676	-0,030795	-0,030609	-0,030678	19,981020	19,981019	19,981020	19,981015	19,981020	19,981020
0,5012	-0,014526	-0,014046	-0,014479	-0,014640	-0,014438	-0,014550	19,981021	19,981021	19,981020	19,981021	19,981022	19,981021
0,6310	-0,045393	-0,044750	-0,045343	-0,045509	-0,045368	-0,045448	19,981016	19,981014	19,981013	19,981015	19,981015	19,981014
0,7943	-0,055283	-0,054322	-0,055182	-0,055423	-0,055292	-0,055366	19,981027	19,981026	19,981027	19,981029	19,981028	19,981030
1,0000	-0,027353	-0,026032	-0,027219	-0,027475	-0,027516	-0,027508	19,981029	19,981028	19,981028	19,981029	19,981028	19,981028
1,2589	-0,062990	-0,061035	-0,062799	-0,063083	-0,063337	-0,063290	19,981023	19,981024	19,981025	19,981025	19,981025	19,981025
1,5849	-0,076063	-0,073188	-0,075821	-0,076041	-0,076846	-0,076640	19,981029	19,981028	19,981029	19,981029	19,981028	19,981028
1,9953	-0,145360	-0,141209	-0,145155	-0,145346	-0,146906	-0,146428	19,981026	19,981025	19,981026	19,981026	19,981025	19,981026
2,5119	-0,160587	-0,154447	-0,160412	-0,160538	-0,163367	-0,162433	19,981028	19,981027	19,981027	19,981028	19,981027	19,981027
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3,9811	-0,313803	-0,300353	-0,314328	-0,313983	-0,322095	-0,319172	19,981027	19,981027	19,981027	19,981027	19,981027	19,981027
5,0120	-0,473790	-0,453991	-0,475347	-0,474606	-0,487732	-0,482722	19,981026	19,981026	19,981026	19,981026	19,981026	19,981027
6,3097	-0,750451	-0,721541	-0,753963	-0,752733	-0,773507	-0,765013	19,981026	19,981025	19,981026	19,981026	19,981026	19,981026
7,9430	-1,160125	-1,118909	-1,167293	-1,165489	-1,197782	-1,183521	19,981025	19,981025	19,981025	19,981025	19,981025	19,981025
10,0000	-1,839879	-1,783540	-1,854010	-1,850742	-1,900584	-1,876928	19,981020	19,981017	19,981018	19,981019	19,981017	19,981017
12,5890	-2,857046	-2,784725	-2,882806	-2,880838	-2,953214	-2,914148	19,981024	19,981024	19,981024	19,981024	19,981024	19,981024
15,8490	-4,549158	-4,468415	-4,595295	-4,596123	-4,698048	-4,634165	19,981023	19,981023	19,981023	19,981023	19,981023	19,981023
19,9530	-7,139242	-7,072913	-7,218137	-7,227505	-7,361211	-7,258924	19,981021	19,981018	19,981019	19,981022	19,981019	19,981019
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31,6230	-18,501288	-18,578210	-18,664540	-18,744336	-18,886494	-18,659574	19,981023	19,981023	19,981023	19,981023	19,981023	19,981023
39,8110	-31,107763	-31,263771	-31,286768	-31,463726	-31,527288	-31,224245	19,981327	19,981327	19,981325	19,981323	19,981324	19,981322
50,1200	-82,824602	-83,484897	-82,259073	-83,466449	-83,532387	-82,955085	19,980689	19,980222	19,979934	19,980370	19,980252	19,980857
63,0970	-62,878537	-62,965000	-62,841514	-63,558364	-63,196357	-62,635655	19,981022	19,981013	19,981016	19,981035	19,981011	19,981008
79,4300	-57,269823	-57,113187	-56,945519	-58,309864	-57,345988	-56,642254	19,981031	19,981060	19,981057	19,981027	19,981059	19,981054
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125,8900	-94,622331	-92,438990	-91,703961	-96,129179	-92,892579	-91,102691	19,980891	19,981167	19,981236	19,980917	19,981220	19,981204
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199,5300	-90,826567	-86,447496	-98,379825	-104,849575	-91,209728	-93,693909	19,980896	19,980921	19,982067	19,981124	19,980999	19,982772
251,1900	-116,410444	-112,312502	-114,161950	-112,664238	-115,867823	-123,421099	19,981326	19,980991	19,980982	19,981204	19,980754	19,981003
316,2300	-115,032740	-111,711165	-111,303744	-113,334484	-109,897096	-120,159091	19,981064	19,980915	19,981011	19,981774	19,981048	19,980863
398,1100	-110,825247	-114,900312	-113,989538	-113,671395	-111,351384	-109,820164	19,981277	19,980933	19,981023	19,981117	19,981108	19,980815
501,2000	-108,303359	-106,781034	-116,350821	-111,856274	-109,962234	-112,633362	19,980843	19,981842	19,981097	19,981059	19,981212	19,981067
630,9700	-129,826319	-115,743314	-123,415946	-122,937433	-120,160836	-120,808131	19,981085	19,981063	19,980974	19,980995	19,980980	19,981029
794,3000	-114,848595	-117,341471	-117,012432	-113,123145	-114,250775	-112,082601	19,980842	19,981046	19,980938	19,980553	19,981104	19,980799
1000,0000	-91,453013	-111,671816	-93,772021	-98,861503	-111,047995	-100,736161	19,983237	19,980971	19,979268	19,980582	19,981177	19,984063



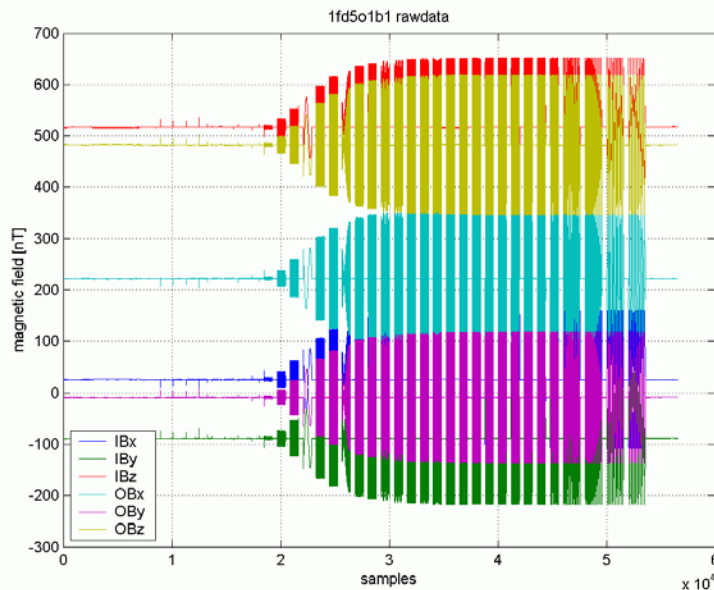


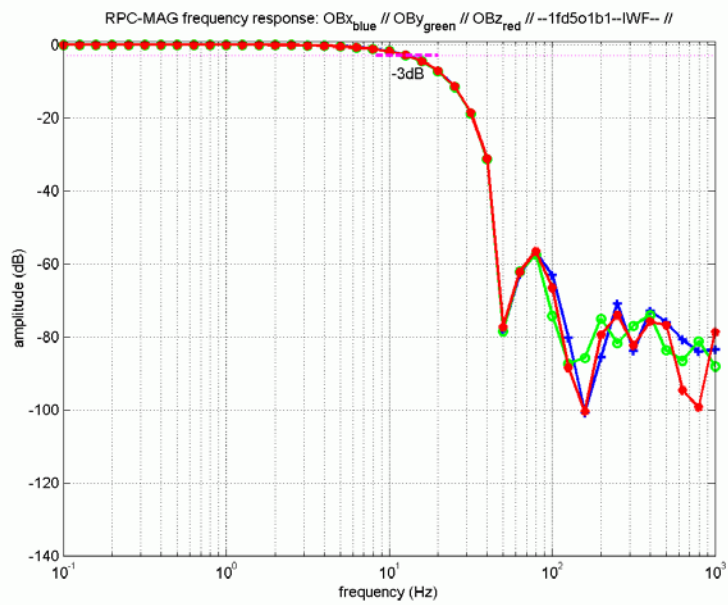
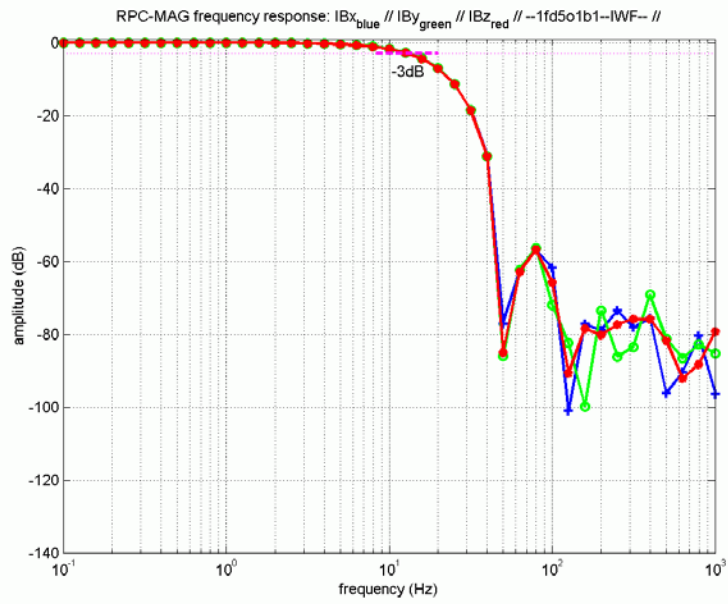
Space Research Institute Department of Experimental Space Research Austrian Academy of Sciences Schmiedlstraße 6 8042 Graz - Messendorf Austria	Project: Rosetta – RPC-MAG Sample Rate and Frequency Response Analysis RO-IWF-TR0001	Document: IWF 2002/01 Filename: RPC-MAG Author: hue@oeaw.ac.at Revision: January 2002 Date: 23.01.2002 Page: 20
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4.3.2 1fd5o1b1

Number // CCD-File // Annotation // IWF-Name
 --06-- // 01-04-23 07-54-55 // fd_1 FS-Sensor FM-DPU // 1fd5o1b1

File: 1fd5o1b1												
Frequency (Hz)	IBx (dB)	IBy (dB)	IBz (dB)	OBx (dB)	OBy (dB)	OBz (dB)	IBx_fs (Hz)	IBy_fs (Hz)	IBz_fs (Hz)	OBx_fs (Hz)	OBy_fs (Hz)	OBz_fs (Hz)
0,1000	0,000000	0,000000	0,000000	0,000000	0,000000	0,000000	19,981811	19,981404	19,981331	19,981376	19,981459	19,981294
0,1259	-0,004339	-0,002485	-0,002646	-0,004072	-0,002916	-0,001236	19,980868	19,981023	19,980949	19,980942	19,980989	19,980919
0,1585	0,002085	-0,001221	0,001054	0,002816	-0,001840	-0,000323	19,981025	19,980986	19,980875	19,981079	19,980956	19,980986
0,1995	0,001238	-0,004654	-0,001316	0,000918	-0,004158	-0,002022	19,981110	19,981059	19,980886	19,981098	19,981089	19,980900
0,2512	-0,002465	-0,005719	-0,001556	0,001179	-0,005156	-0,003718	19,980996	19,981013	19,980951	19,981084	19,981063	19,980875
0,3162	-0,002641	-0,004818	-0,004319	0,000842	-0,005357	-0,004484	19,980904	19,980835	19,980477	19,980995	19,980983	19,980624
0,3981	-0,002964	-0,006090	-0,003712	-0,002522	-0,007417	-0,002825	19,981030	19,981171	19,980699	19,980931	19,981149	19,980775
0,5012	-0,006597	-0,009730	-0,007100	-0,004867	-0,009629	-0,008405	19,981020	19,981030	19,981011	19,981042	19,981012	19,981007
0,6310	-0,009780	-0,012472	-0,010732	-0,008170	-0,014109	-0,012613	19,980995	19,980994	19,981008	19,981036	19,981034	19,981021
0,7943	-0,016171	-0,017789	-0,016184	-0,013145	-0,019207	-0,018427	19,981059	19,981187	19,981002	19,980895	19,981015	19,981006
1,0000	-0,022130	-0,025607	-0,023135	-0,021995	-0,027130	-0,024499	19,981058	19,981017	19,981067	19,981003	19,981065	19,981087
1,2589	-0,033137	-0,035602	-0,035003	-0,031747	-0,038666	-0,036547	19,981034	19,981013	19,981010	19,981014	19,981022	19,981040
1,5849	-0,051551	-0,052217	-0,052600	-0,050430	-0,057054	-0,054609	19,981017	19,981032	19,981036	19,981041	19,981032	19,981035
1,9953	-0,078757	-0,079036	-0,078896	-0,078267	-0,085116	-0,082973	19,981049	19,981021	19,981001	19,981050	19,981017	19,981055
2,5119	-0,122479	-0,119445	-0,123304	-0,121212	-0,128888	-0,127042	19,981040	19,981033	19,981021	19,981028	19,981036	19,981003
3,1623	-0,188582	-0,183517	-0,189474	-0,187094	-0,197864	-0,193661	19,981013	19,981036	19,981039	19,981024	19,981043	19,981044
3,9811	-0,293000	-0,283531	-0,293482	-0,292400	-0,305881	-0,299950	19,981028	19,981023	19,981023	19,981023	19,981036	19,981031
5,0120	-0,456795	-0,441850	-0,458662	-0,457184	-0,475885	-0,466263	19,981025	19,981028	19,981025	19,981033	19,981030	19,981025
6,3097	-0,714075	-0,690598	-0,720583	-0,715758	-0,743082	-0,730705	19,981025	19,981032	19,981036	19,981022	19,981026	19,981037
7,9430	-1,120330	-1,085156	-1,129689	-1,125134	-1,163933	-1,145725	19,981023	19,981028	19,981029	19,981026	19,981026	19,981024
10,0000	-1,760386	-1,712215	-1,780432	-1,778410	-1,828005	-1,800642	19,981031	19,981026	19,981022	19,981020	19,981035	19,981033
12,5890	-2,784124	-2,718171	-2,810247	-2,806281	-2,885851	-2,841388	19,981026	19,981026	19,981026	19,981029	19,981026	19,981027
15,8490	-4,412370	-4,338538	-4,460364	-4,460892	-4,570398	-4,499731	19,981026	19,981027	19,981030	19,981027	19,981025	19,981029
19,9530	-7,027662	-6,981200	-7,132104	-7,122420	-7,272785	-7,171370	19,981012	19,981032	19,981044	19,981015	19,981041	19,981049
25,1190	-11,318205	-11,315444	-11,445479	-11,467335	-11,634471	-11,471429	19,981027	19,981030	19,981035	19,981030	19,981030	19,981027
31,6230	-18,437168	-18,522621	-18,601923	-18,676006	-18,825791	-18,595834	19,981030	19,981028	19,981028	19,981019	19,981024	19,981024
39,8110	-30,966493	-31,240465	-31,209787	-31,354004	-31,489448	-31,136396	19,980953	19,980988	19,980970	19,981005	19,980989	19,980986
50,1200	-77,164104	-86,002957	-85,048894	-78,509296	-78,587465	-77,418415	19,981904	19,981753	19,980253	19,981011	19,980010	19,980444
63,0970	-62,651296	-62,323817	-62,887603	-62,982281	-62,261563	-62,304001	19,982267	19,979133	19,980008	19,981891	19,978982	19,977612
79,4300	-56,805142	-56,508421	-56,771474	-56,892718	-57,602188	-56,528901	19,980939	19,981002	19,981226	19,981022	19,981085	19,981162
100,0000	-61,783649	-72,033576	-65,867257	-63,116118	-74,293608	-66,546861	19,980871	19,981130	19,980857	19,980919	19,980843	19,981007
125,8900	-101,055693	-82,449235	-90,723973	-80,276486	-87,406926	-88,471930	19,981171	19,979548	19,981433	19,981042	19,981245	19,980821
158,4900	-77,287199	-99,816310	-78,521740	-100,797086	-85,766254	-100,537672	19,980838	19,980958	19,981024	19,981317	19,980897	19,980862
199,5300	-78,902810	-73,463687	-80,242498	-85,678902	-75,068444	-79,582816	19,980860	19,980738	19,980730	19,981118	19,981113	19,981186
251,1900	-73,498608	-86,218907	-77,451975	-70,965778	-81,861465	-74,081784	19,980925	19,981077	19,980986	19,981245	19,980990	19,981035
316,2300	-78,242241	-83,532581	-75,899699	-84,021269	-76,922248	-82,468431	19,980929	19,981149	19,981009	19,981164	19,981471	19,980903
398,1100	-75,560178	-69,186615	-75,933193	-72,904126	-74,113460	-75,902150	19,981019	19,980985	19,980842	19,980988	19,980975	19,980955
501,2000	-96,277609	-81,254526	-81,796332	-76,117688	-83,757094	-76,750922	19,980886	19,981066	19,981427	19,981159	19,980941	19,981353
630,9700	-90,415078	-86,621042	-92,262274	-80,825078	-86,565139	-94,672812	19,980952	19,981011	19,980989	19,981052	19,980993	19,980992
794,3000	-80,536324	-82,821848	-88,333666	-84,059796	-81,201911	-99,356140	19,981102	19,981030	19,981120	19,980953	19,980981	19,980741
1000,0000	-96,376168	-85,238271	-79,333187	-83,547786	-88,170727	-78,736971	19,980955	19,980966	19,980984	19,980939	19,980985	19,980973





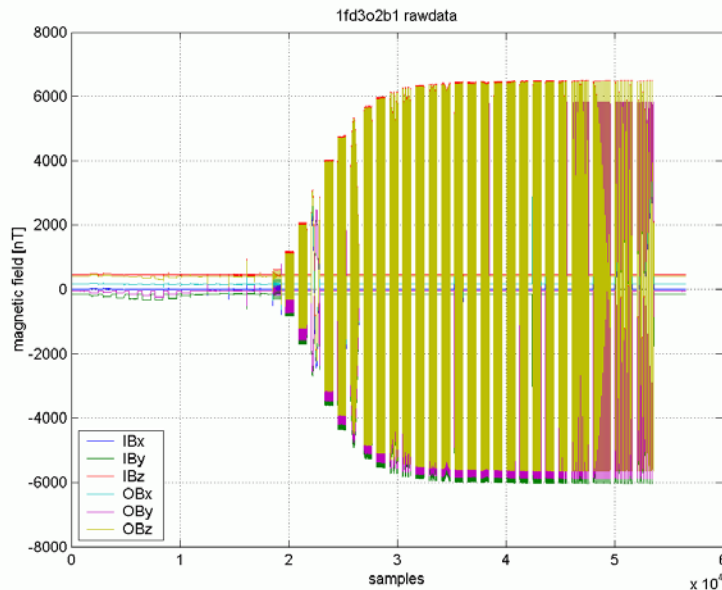
Space Research Institute Department of Experimental Space Research Austrian Academy of Sciences Schmiedlstraße 6 8042 Graz - Messendorf Austria	Project: Rosetta – RPC-MAG Sample Rate and Frequency Response Analysis RO-IWF-TR0001	Document: IWF 2002/01 Filename: RPC-MAG Author: hue@oeaw.ac.at Revision: January 2002 Date: 23.01.2002 Page: 22
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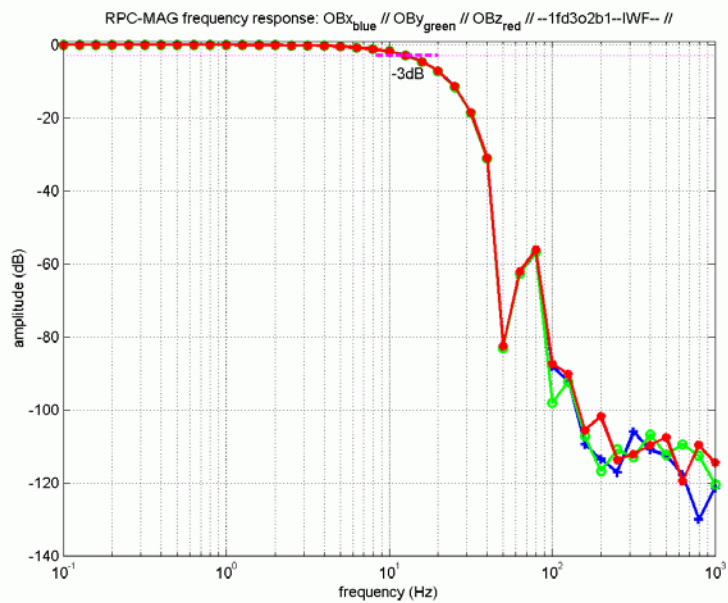
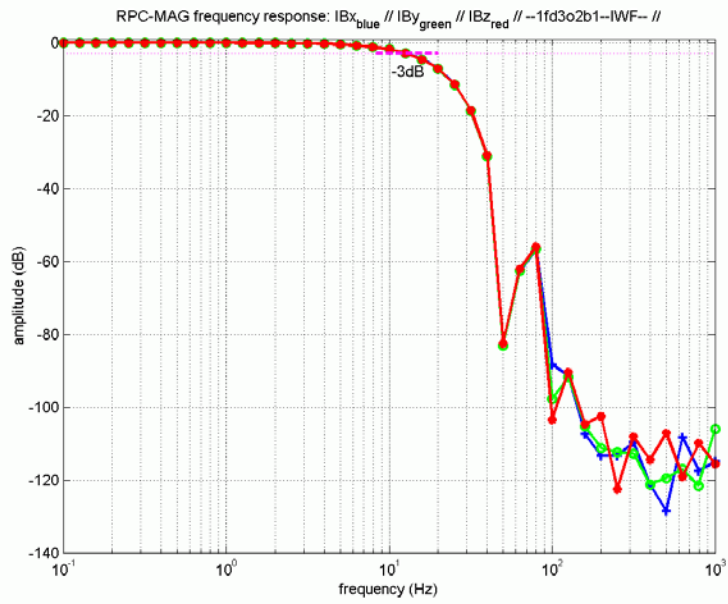
4.4 FS-Sensor, FS-DPU

4.4.1 1fd3o2b1

Number // CCD-File // Annotation // IWF-Name
 --07-- // 01-04-25 14-46-10 // fd_h FS-Sensor FS-DPU // 1fd3o2b1

File: 1fd3o2b1												
Frequency (Hz)	IBx (dB)	IBy (dB)	IBz (dB)	OBx (dB)	OBy (dB)	OBz (dB)	IBx_fs (Hz)	IBy_fs (Hz)	IBz_fs (Hz)	OBx_fs (Hz)	OBy_fs (Hz)	OBz_fs (Hz)
0,1000	0,000000	0,000000	0,000000	0,000000	0,000000	0,000000	19,980654	19,980628	19,980629	19,980651	19,980638	19,980638
0,1259	-0,001138	-0,001200	-0,001191	-0,001129	-0,001233	-0,001168	19,980589	19,980582	19,980584	19,980584	19,980585	19,980584
0,1585	-0,006146	-0,006194	-0,006193	-0,006148	-0,006279	-0,006146	19,980600	19,980596	19,980597	19,980599	19,980596	19,980597
0,1995	-0,001450	-0,001459	-0,001459	-0,001439	-0,001569	-0,001431	19,980623	19,980618	19,980618	19,980622	19,980617	19,980621
0,2512	-0,009788	-0,009790	-0,009912	-0,009782	-0,009949	-0,009776	19,980601	19,980602	19,980600	19,980601	19,980602	19,980600
0,3162	-0,019091	-0,019069	-0,019258	-0,019133	-0,019296	-0,019131	19,980591	19,980596	19,980594	19,980596	19,980593	19,980595
0,3981	-0,011964	-0,011937	-0,012206	-0,011993	-0,012189	-0,012044	19,980594	19,980593	19,980596	19,980595	19,980591	19,980595
0,5012	-0,025584	-0,025588	-0,025884	-0,025630	-0,025934	-0,025693	19,980587	19,980588	19,980588	19,980586	19,980588	19,980588
0,6310	-0,038449	-0,038431	-0,038846	-0,038474	-0,038859	-0,038632	19,980588	19,980588	19,980591	19,980589	19,980590	19,980590
0,7943	-0,051483	-0,051558	-0,052044	-0,051563	-0,052132	-0,051817	19,980599	19,980598	19,980599	19,980599	19,980599	19,980599
1,0000	-0,036485	-0,036689	-0,037355	-0,036596	-0,037417	-0,037093	19,980595	19,980595	19,980596	19,980595	19,980595	19,980596
1,2589	-0,074487	-0,074844	-0,075660	-0,074621	-0,075885	-0,075409	19,980595	19,980595	19,980596	19,980595	19,980595	19,980596
1,5849	-0,069678	-0,070461	-0,071486	-0,069924	-0,071888	-0,071258	19,980597	19,980597	19,980597	19,980597	19,980597	19,980598
1,9953	-0,103194	-0,104631	-0,105976	-0,103603	-0,106683	-0,105777	19,980597	19,980597	19,980597	19,980597	19,980597	19,980597
2,5119	-0,156386	-0,158897	-0,160644	-0,157027	-0,161872	-0,160554	19,980599	19,980598	19,980598	19,980598	19,980599	19,980598
3,1623	-0,205165	-0,209492	-0,211856	-0,206204	-0,213890	-0,211884	19,980597	19,980596	19,980596	19,980596	19,980596	19,980596
3,9811	-0,311287	-0,318467	-0,321609	-0,312944	-0,325035	-0,321925	19,980596	19,980596	19,980596	19,980596	19,980596	19,980596
5,0120	-0,483471	-0,495291	-0,499496	-0,486130	-0,505136	-0,500270	19,980597	19,980597	19,980597	19,980597	19,980597	19,980597
6,3097	-0,763739	-0,782551	-0,787932	-0,767961	-0,797365	-0,789616	19,980597	19,980597	19,980597	19,980597	19,980597	19,980597
7,9430	-1,209191	-1,238243	-1,244777	-1,216051	-1,260458	-1,247919	19,980596	19,980596	19,980597	19,980596	19,980596	19,980597
10,0000	-1,798345	-1,839374	-1,846556	-1,809596	-1,872364	-1,851304	19,980557	19,980554	19,980558	19,980557	19,980552	19,980550
12,5890	-2,874736	-2,932702	-2,935237	-2,892898	-2,981020	-2,946428	19,980596	19,980597	19,980597	19,980596	19,980597	19,980597
15,8490	-4,519554	-4,590244	-4,579457	-4,549174	-4,658829	-4,600153	19,980597	19,980597	19,980597	19,980597	19,980597	19,980597
19,9530	-7,138574	-7,209231	-7,169642	-7,151826	-7,302341	-7,203198	19,980598	19,980597	19,980070	19,979813	19,980597	19,980596
25,1190	-11,491904	-11,539011	-11,432603	-11,565408	-11,656981	-11,494016	19,980596	19,980596	19,980596	19,980596	19,980596	19,980596
31,6230	-18,635060	-18,636177	-18,434197	-18,739949	-18,772950	-18,523723	19,980596	19,980596	19,980596	19,980596	19,980596	19,980596
39,8110	-31,192453	-31,153914	-30,843605	-31,328660	-31,297420	-30,952886	19,980815	19,980825	19,980823	19,980815	19,980823	19,980823
50,1200	-82,992043	-83,067627	-82,496272	-82,989415	-83,118493	-82,516087	19,980276	19,980154	19,980254	19,980525	19,980190	19,980394
63,0970	-62,697270	-62,620591	-62,174132	-62,871868	-62,755535	-62,270645	19,980605	19,980606	19,980610	19,980585	19,980602	19,980611
79,4300	-56,740801	-56,669125	-56,074945	-56,960683	-56,761731	-56,167674	19,980597	19,980590	19,980604	19,980606	19,980587	19,980583
100,0000	-88,325958	-97,775636	-103,612994	-88,155601	-98,154725	-87,412847	19,978238	19,980529	19,980394	19,978456	19,980549	19,978199
125,8900	-91,449363	-91,764627	-90,546089	-92,160116	-92,315917	-90,348072	19,980677	19,980674	19,980644	19,980482	19,980709	19,980578
158,4900	-107,369587	-105,258009	-104,660827	-109,605683	-107,287046	-105,595473	19,981144	19,981109	19,981078	19,980974	19,981205	19,981146
199,5300	-113,323112	-111,321609	-102,523466	-113,569055	-116,792534	-101,852823	19,980916	19,981507	19,981689	19,980731	19,980563	19,981707
251,1900	-113,330565	-112,329281	-122,654382	-117,193589	-110,942482	-113,749320	19,981281	19,981028	19,981069	19,981104	19,981059	19,980968
316,2300	-109,737725	-112,696482	-108,259741	-106,137588	-113,005465	-112,221900	19,981012	19,980980	19,981357	19,980930	19,981035	19,981201
398,1100	-121,226297	-121,201477	-114,519869	-110,911486	-106,762760	-109,726366	19,981048	19,981040	19,980900	19,981088	19,981152	19,981016
501,2000	-128,637996	-119,463372	-107,194634	-112,509747	-112,388010	-107,579463	19,981242	19,981280	19,981005	19,981264	19,981124	19,980972
630,9700	-108,276954	-117,028744	-119,041650	-117,790124	-109,434516	-119,609417	19,981120	19,980963	19,981015	19,980961	19,980979	19,981210
794,3000	-117,501269	-121,629244	-109,985366	-130,070056	-112,674092	-109,610703	19,980981	19,980921	19,980903	19,981017	19,980958	19,980996
1000,0000	-114,986370	-106,101188	-115,639794	-121,357483	-120,426854	-114,584219	19,981010	19,981181	19,980957	19,981014	19,981059	19,981123



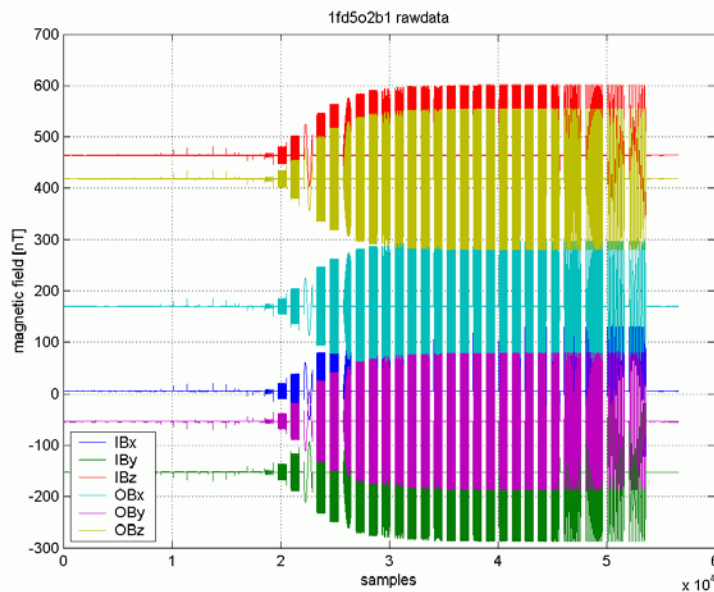


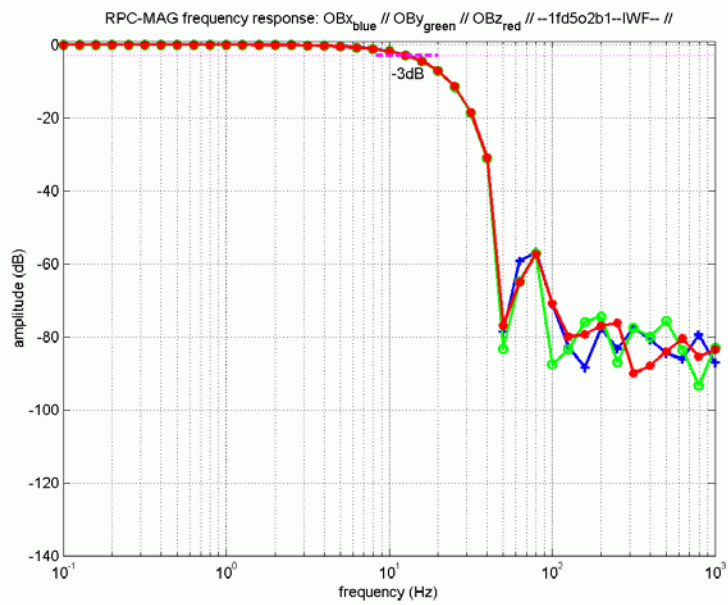
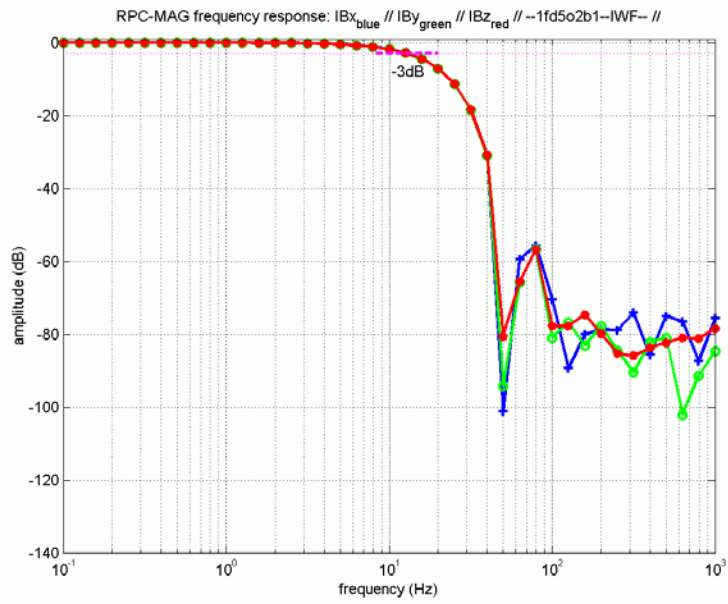
Space Research Institute Department of Experimental Space Research Austrian Academy of Sciences Schmiedlstraße 6 8042 Graz - Messendorf Austria	Project: Rosetta – RPC-MAG Sample Rate and Frequency Response Analysis RO-IWF-TR0001	Document: IWF 2002/01 Filename: RPC-MAG Author: hue@oeaw.ac.at Revision: January 2002 Date: 23.01.2002 Page: 24
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4.4.2 1fd5o2b1

Number // CCD-File // Annotation // IWF-Name
 --08-- // 01-04-25 15-33-33 // fd_1 FS-Sensor FS-DPU // 1fd5o2b1

File: 1fd5o2b1												
Frequency (Hz)	IBx (dB)	IBy (dB)	IBz (dB)	OBx (dB)	OBy (dB)	OBz (dB)	IBx_fs (Hz)	IBy_fs (Hz)	IBz_fs (Hz)	OBx_fs (Hz)	OBy_fs (Hz)	OBz_fs (Hz)
0.1000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	19.980579	19.980065	19.980306	19.981659	19.979899	19.980886
0.1259	-0.001831	0.000390	-0.003662	-0.000848	-0.000494	-0.003217	19.980548	19.980856	19.981084	19.980362	19.980604	19.981042
0.1585	-0.003175	-0.002456	-0.004377	-0.002329	-0.003514	-0.004186	19.980456	19.980785	19.980389	19.980668	19.980818	19.980548
0.1995	-0.004559	-0.001439	-0.004654	-0.003700	-0.003669	-0.004441	19.980561	19.980515	19.981044	19.980467	19.980705	19.980962
0.2512	-0.004386	-0.004045	-0.007437	-0.005735	-0.004645	-0.007872	19.980666	19.980506	19.980587	19.980537	19.980544	19.980583
0.3162	-0.007477	-0.006234	-0.008535	-0.005997	-0.007677	-0.008514	19.980664	19.980550	19.980521	19.980639	19.980619	19.980446
0.3981	-0.009521	-0.008087	-0.007907	-0.007472	-0.008633	-0.008294	19.980606	19.980561	19.980587	19.980595	19.980494	19.980660
0.5012	-0.011139	-0.009921	-0.011438	-0.011787	-0.012652	-0.011959	19.980554	19.980608	19.980548	19.980566	19.980570	19.980550
0.6310	-0.013428	-0.013362	-0.015000	-0.013754	-0.015042	-0.015249	19.980625	19.980539	19.980612	19.980661	19.980605	19.980567
0.7943	-0.020302	-0.019469	-0.020160	-0.018912	-0.020272	-0.019808	19.980621	19.980584	19.980591	19.980571	19.980577	19.980573
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1.5849	-0.055642	-0.056286	-0.059845	-0.055871	-0.059059	-0.059464	19.980602	19.980570	19.980621	19.980606	19.980589	19.980613
1.9953	-0.084842	-0.084722	-0.087882	-0.083472	-0.088195	-0.087433	19.980589	19.980602	19.980610	19.980597	19.980598	19.980600
2.5119	-0.125701	-0.128342	-0.132177	-0.126406	-0.132608	-0.133168	19.980585	19.980595	19.980592	19.980595	19.980592	19.980586
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6.3097	-0.716978	-0.733927	-0.739428	-0.721374	-0.750412	-0.741699	19.980592	19.980594	19.980593	19.980593	19.980594	19.980593
7.9430	-1.121520	-1.150350	-1.155242	-1.128639	-1.172914	-1.157780	19.980593	19.980593	19.980595	19.980595	19.980591	19.980596
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19.9530	-7.089988	-7.149311	-7.107605	-7.136568	-7.242805	-7.145021	19.980595	19.980587	19.980598	19.980589	19.980583	19.980593
25.1190	-11.404123	-11.455447	-11.344067	-11.480765	-11.572577	-11.407352	19.980593	19.980594	19.980595	19.980595	19.980595	19.980595
31.6230	-18.560123	-18.559483	-18.357926	-18.664289	-18.694397	-18.442215	19.980590	19.980593	19.980600	19.980593	19.980599	19.980597
39.8110	-31.151823	-31.121424	-30.768168	-31.254115	-31.306071	-30.843229	19.980569	19.980567	19.980590	19.980621	19.980582	19.980586
50.1200	-101.274223	-94.388596	-80.682870	-78.717282	-83.366285	-76.926743	19.979140	19.981513	19.982653	19.981474	19.981546	19.975318
63.0970	-59.566851	-65.786164	-65.629452	-59.285894	-64.799358	-65.055682	19.979176	19.986362	19.983565	19.978740	19.987899	19.984541
79.4300	-55.768039	-56.786679	-56.893936	-56.893385	-57.205797	-57.396662	19.981058	19.981134	19.981384	19.981239	19.980646	19.981269
100.0000	-70.477135	-80.971594	-77.812037	-71.087329	-87.663897	-70.854867	19.982967	19.980776	19.981017	19.981921	19.982146	19.981142
125.8900	-89.351346	-76.738184	-77.841788	-82.786884	-83.582863	-80.020330	19.980824	19.981143	19.981998	19.981383	19.981130	19.981087
158.4900	-80.145726	-83.114930	-74.641433	-88.463464	-76.038931	-79.336057	19.978634	19.981218	19.981321	19.981157	19.980805	19.981331
199.5300	-78.789418	-77.812597	-79.862441	-77.801675	-74.528961	-76.955577	19.980274	19.980499	19.981503	19.981010	19.980791	19.981061
251.1900	-78.863171	-84.525779	-85.336665	-83.377408	-87.069010	-76.313441	19.980870	19.980954	19.980984	19.980755	19.980872	19.980587
316.2300	-74.119783	-90.531498	-85.945622	-77.673505	-77.667463	-90.064967	19.981013	19.980987	19.980905	19.980718	19.981667	19.981355
398.1100	-85.660931	-82.204358	-83.784045	-80.815434	-80.059823	-88.024118	19.981019	19.981056	19.980982	19.981239	19.981106	19.980907
501.2000	-75.029459	-81.024276	-82.396305	-84.544774	-75.651795	-84.163369	19.981051	19.981024	19.981117	19.980935	19.981106	19.981119
630.9700	-76.607899	-102.118879	-81.019994	-86.146415	-83.734576	-80.555530	19.981108	19.981175	19.981171	19.981069	19.981066	19.981079
794.3000	-87.454578	-91.394345	-81.165407	-79.496031	-93.360339	-85.507464	19.981033	19.980978	19.981014	19.980965	19.980943	19.980956
1000.0000	-75.678883	-84.751843	-78.466673	-87.288886	-82.951739	-83.490879	19.981093	19.981032	19.981010	19.981005	19.981020	19.980967



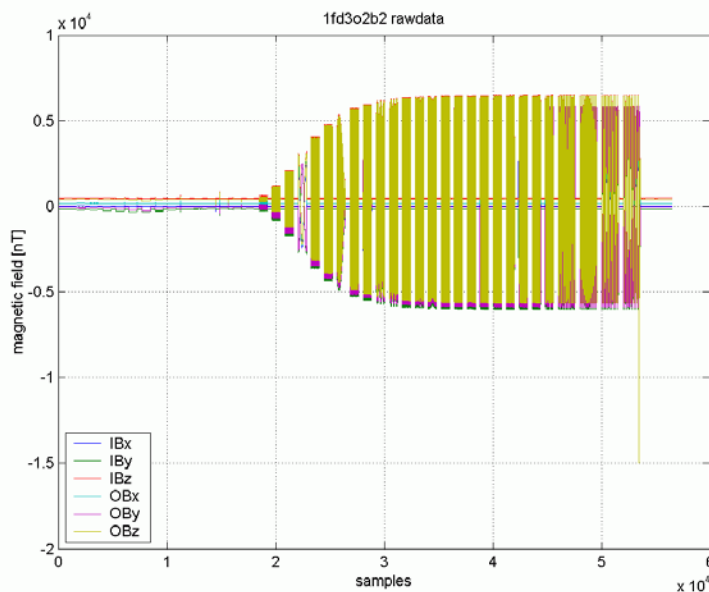


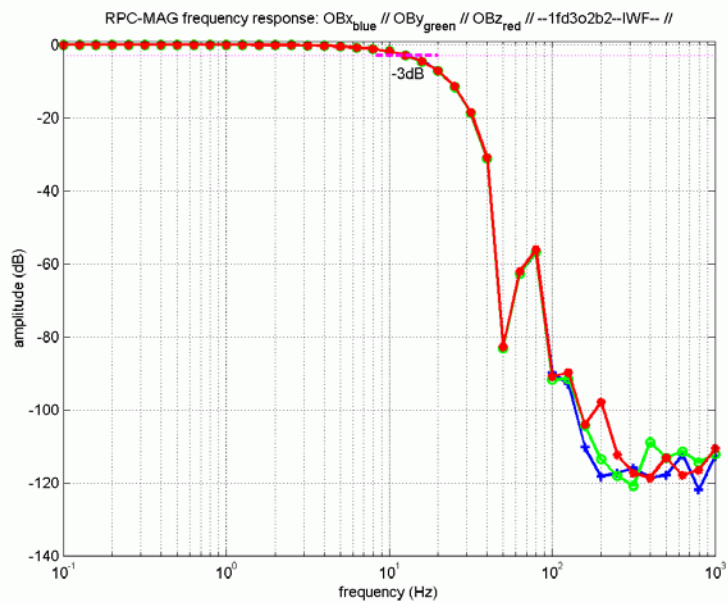
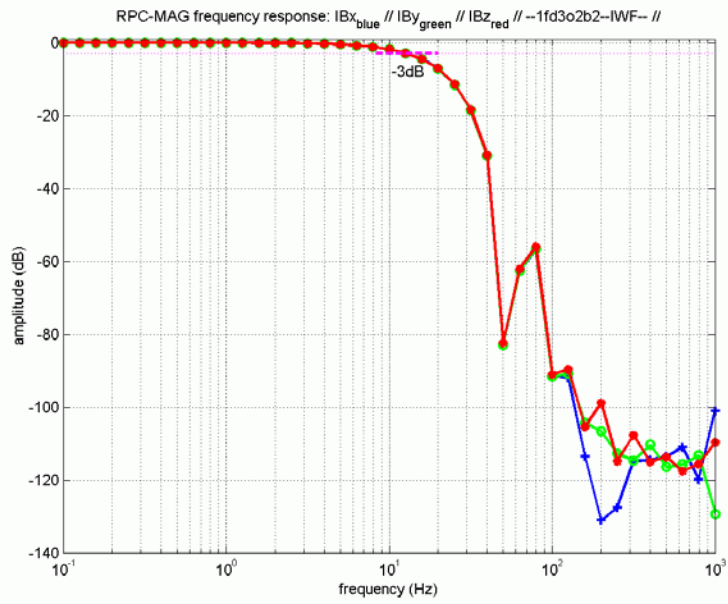
Space Research Institute Department of Experimental Space Research Austrian Academy of Sciences Schmiedlstraße 6 8042 Graz - Messendorf Austria	Project: Rosetta – RPC-MAG Sample Rate and Frequency Response Analysis RO-IWF-TR0001	Document: IWF 2002/01 Filename: RPC-MAG Author: hue@oeaw.ac.at Revision: January 2002 Date: 23.01.2002 Page: 26
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4.4.3 1fd3o2b2

Number // CCD-File // Annotation // IWF-Name
 --09-- // 01-04-25 16-20-57 // fd_h FS-Sensor FS-DPU // 1fd3o2b2

File: 1fd3o2b2												
Frequency (Hz)	IBx (dB)	IBy (dB)	IBz (dB)	OBx (dB)	OBy (dB)	OBz (dB)	IBx_fs (Hz)	IBy_fs (Hz)	IBz_fs (Hz)	OBx_fs (Hz)	OBy_fs (Hz)	OBz_fs (Hz)
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0,1259	-0,003089	-0,003040	-0,003040	-0,003089	-0,003030	-0,003035	19,980643	19,980645	19,980642	19,980643	19,980643	19,980645
0,1585	-0,003844	-0,003766	-0,003845	-0,003778	-0,003742	-0,003816	19,980633	19,980622	19,980618	19,980637	19,980621	19,980617
0,1995	-0,007544	-0,007510	-0,007607	-0,007529	-0,007503	-0,007573	19,980581	19,980584	19,980583	19,980583	19,980585	19,980584
0,2512	-0,029127	-0,029127	-0,029261	-0,029126	-0,029154	-0,029203	19,980576	19,980575	19,980572	19,980574	19,980574	19,980571
0,3162	-0,017692	-0,017689	-0,017847	-0,017678	-0,017745	-0,017759	19,980548	19,980527	19,980533	19,980546	19,980546	19,980533
0,3981	-0,022424	-0,022426	-0,022650	-0,022473	-0,022529	-0,022570	19,980583	19,980587	19,980585	19,980584	19,980586	19,980587
0,5012	-0,022807	-0,022797	-0,023102	-0,022858	-0,022938	-0,023009	19,980593	19,980594	19,980596	19,980594	19,980594	19,980597
0,6310	-0,022022	-0,022026	-0,022414	-0,022065	-0,022253	-0,022301	19,980587	19,980588	19,980588	19,980587	19,980589	19,980588
0,7943	-0,033184	-0,033258	-0,033760	-0,033268	-0,033615	-0,033625	19,980590	19,980589	19,980588	19,980589	19,980590	19,980589
1,0000	-0,035270	-0,035486	-0,036072	-0,035373	-0,035988	-0,035939	19,980597	19,980598	19,980598	19,980598	19,980598	19,980598
1,2589	-0,052970	-0,053386	-0,054162	-0,053177	-0,054151	-0,054057	19,980597	19,980597	19,980597	19,980597	19,980597	19,980597
1,5849	-0,071644	-0,072388	-0,073398	-0,071887	-0,073533	-0,073331	19,980596	19,980596	19,980596	19,980597	19,980597	19,980597
1,9953	-0,092084	-0,093459	-0,094832	-0,092525	-0,095206	-0,094800	19,980596	19,980596	19,980597	19,980596	19,980596	19,980596
2,5119	-0,148098	-0,150612	-0,152349	-0,148811	-0,153262	-0,152410	19,980596	19,980596	19,980596	19,980596	19,980597	19,980597
3,1623	-0,206070	-0,210298	-0,212646	-0,207158	-0,214368	-0,212874	19,980595	19,980594	19,980594	19,980595	19,980594	19,980594
3,9811	-0,319446	-0,326654	-0,329765	-0,321146	-0,332833	-0,330257	19,980595	19,980595	19,980595	19,980595	19,980595	19,980595
5,0120	-0,481727	-0,493545	-0,497736	-0,484455	-0,502977	-0,498736	19,980595	19,980594	19,980595	19,980594	19,980595	19,980595
6,3097	-0,746885	-0,765740	-0,771194	-0,751235	-0,780120	-0,772996	19,980595	19,980595	19,980595	19,980595	19,980595	19,980595
7,9430	-1,135710	-1,164736	-1,171274	-1,142669	-1,186508	-1,174607	19,980595	19,980595	19,980595	19,980594	19,980595	19,980595
10,0000	-1,802119	-1,844767	-1,851504	-1,813074	-1,876973	-1,857166	19,980581	19,980573	19,980577	19,980580	19,980572	19,980575
12,5890	-2,857078	-2,915191	-2,917761	-2,875402	-2,962972	-2,929061	19,980594	19,980594	19,980594	19,980594	19,980594	19,980594
15,8490	-4,477938	-4,548738	-4,538023	-4,507778	-4,616722	-4,588829	19,980594	19,980594	19,980594	19,980594	19,980594	19,980594
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25,1190	-11,456184	-11,503443	-11,397275	-11,530072	-11,620828	-11,458773	19,980594	19,980594	19,980594	19,980594	19,980594	19,980594
31,6230	-18,610801	-18,611988	-18,410209	-18,716232	-18,748240	-18,500037	19,980594	19,980593	19,980594	19,980594	19,980593	19,980594
39,8110	-31,160936	-31,118280	-30,806730	-31,296614	-31,257961	-30,917431	19,980593	19,980593	19,980591	19,980593	19,980593	19,980592
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63,0970	-62,604511	-62,623209	-62,108296	-62,771409	-62,733683	-62,238418	19,980593	19,980570	19,980580	19,980595	19,980547	19,980573
79,4300	-56,765614	-56,674923	-56,095541	-56,962198	-56,778851	-56,189174	19,980599	19,980608	19,980604	19,980600	19,980603	19,980594
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125,8900	-92,078554	-90,759341	-89,756412	-92,949590	-91,541251	-89,823827	19,980434	19,980486	19,980568	19,980730	19,980746	19,980676
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199,5300	-131,061432	-106,636843	-98,919928	-118,269676	-113,553499	-97,980230	19,980868	19,981318	19,978823	19,981125	19,980995	19,978989
251,1900	-127,674929	-112,845377	-114,969240	-117,378204	-118,194557	-112,428598	19,981306	19,981464	19,982260	19,980863	19,981039	19,981014
316,2300	-114,931261	-114,698236	-107,689120	-116,047658	-120,937938	-117,402952	19,980901	19,981511	19,980820	19,980902	19,981267	19,980891
398,1100	-114,474120	-110,371924	-115,061111	-118,698871	-108,907781	-118,666941	19,981065	19,981004	19,981070	19,981145	19,981063	19,981066
501,2000	-113,620203	-116,477179	-113,691521	-117,969335	-113,183798	-113,095240	19,980978	19,980995	19,980864	19,980932	19,980976	19,980728
630,9700	-111,006772	-115,707407	-117,604219	-112,345684	-111,409827	-117,958387	19,980863	19,980843	19,980924	19,981002	19,981037	19,980990
794,3000	-119,803637	-113,256666	-115,632792	-122,008583	-114,441043	-116,697799	19,980979	19,981000	19,980875	19,980889	19,980975	19,981044
1000,0000	-101,005756	-129,228323	-109,724141	-112,754275	-112,226696	-110,718122	19,981287	19,981107	19,981015	19,980988	19,980913	19,981004





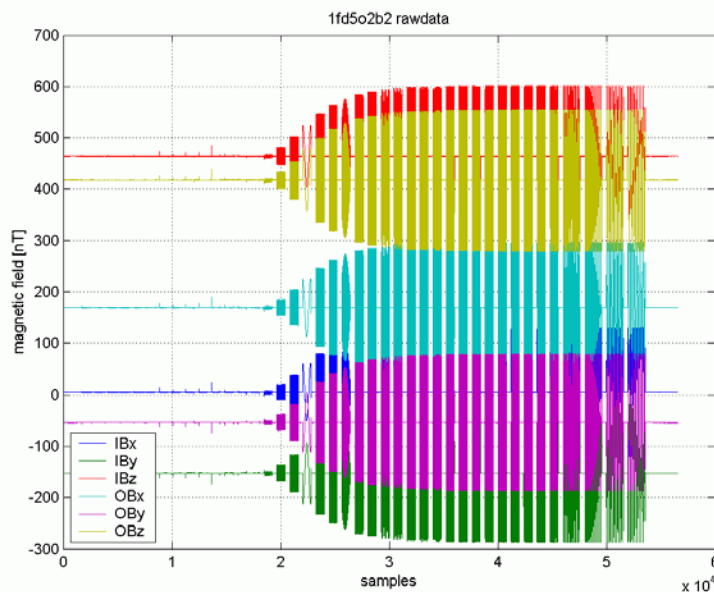
<p align="center">Space Research Institute Department of Experimental Space Research Austrian Academy of Sciences Schmiedlstraße 6 8042 Graz - Messendorf Austria</p>	<p align="center">Project: Rosetta – RPC-MAG Sample Rate and Frequency Response Analysis RO-IWF-TR0001</p>	<p>Document: IWF 2002/01 Filename: RPC-MAG Author: hue@oeaw.ac.at Revision: January 2002 Date: 23.01.2002 Page: 28</p>
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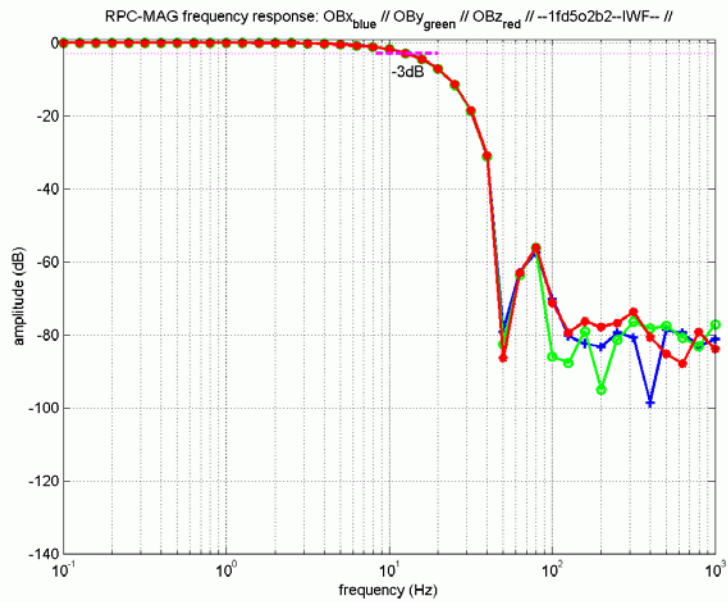
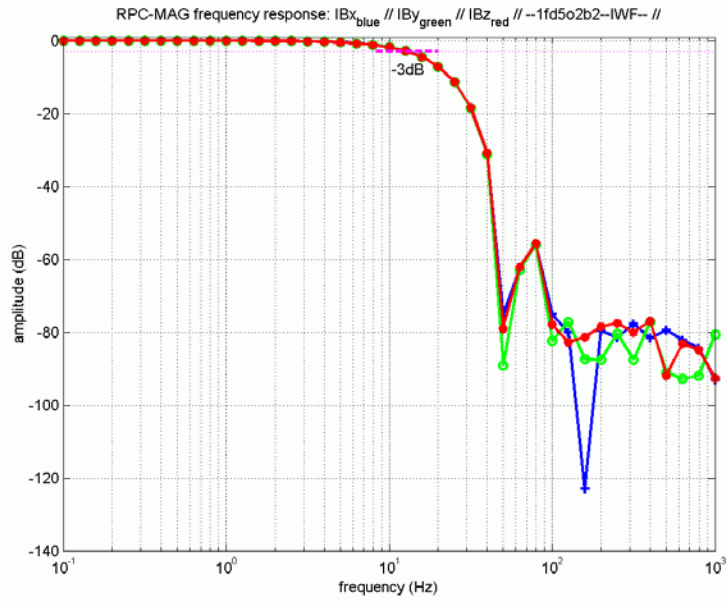
4.4.4 1fd5o2b2

Number // CCD-File // Annotation // IWF-Name
--10-- // 01-04-25 17-08-17 // fd_1 FS-Sensor FS-DPU // 1fd5o2b2

File: 1fd5o2b2

Frequency (Hz)	IBx (dB)	IBy (dB)	IBz (dB)	OBx (dB)	OBy (dB)	OBz (dB)	IBx_fs (Hz)	IBy_fs (Hz)	IBz_fs (Hz)	OBx_fs (Hz)	OBy_fs (Hz)	OBz_fs (Hz)
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0,1259	-0,000558	-0,000037	-0,003385	-0,000224	0,001031	-0,004770	19,980388	19,980613	19,980895	19,980685	19,980880	19,980465
0,1585	-0,002637	-0,002318	-0,003302	-0,002123	-0,002279	-0,003579	19,980614	19,980746	19,980675	19,980626	19,980653	19,980617
0,1995	-0,003782	-0,002088	-0,003393	-0,002635	-0,002926	-0,004335	19,980751	19,980492	19,980517	19,980681	19,980537	19,980514
0,2512	-0,004249	-0,004324	-0,006072	-0,003826	-0,004124	-0,005996	19,980920	19,980566	19,980733	19,980611	19,980474	19,980628
0,3162	-0,004634	-0,005593	-0,005935	-0,006337	-0,006444	-0,006406	19,980611	19,980572	19,980497	19,980617	19,980555	19,980489
0,3981	-0,005997	-0,008556	-0,008997	-0,006395	-0,009454	-0,008243	19,980776	19,980530	19,980381	19,980547	19,980706	19,980397
0,5012	-0,009241	-0,011245	-0,011974	-0,009259	-0,013200	-0,012075	19,980671	19,980606	19,980567	19,980642	19,980563	19,980528
0,6310	-0,013412	-0,013319	-0,015190	-0,014621	-0,013927	-0,015869	19,980539	19,980580	19,980534	19,980515	19,980576	19,980566
0,7943	-0,018318	-0,019257	-0,020500	-0,018823	-0,020126	-0,020466	19,980523	19,980578	19,980575	19,980571	19,980569	19,980587
1,0000	-0,026361	-0,026985	-0,028526	-0,026276	-0,027580	-0,028665	19,980626	19,980601	19,980597	19,980583	19,980632	19,980586
1,2589	-0,038776	-0,038662	-0,039627	-0,038010	-0,039720	-0,039879	19,980598	19,980571	19,980562	19,980518	19,980588	19,980567
1,5849	-0,055102	-0,056729	-0,059655	-0,056248	-0,058051	-0,059305	19,980586	19,980594	19,980572	19,980596	19,980593	19,980571
1,9953	-0,083771	-0,084478	-0,086368	-0,084346	-0,087733	-0,087690	19,980588	19,980570	19,980585	19,980594	19,980564	19,980589
2,5119	-0,125409	-0,128346	-0,130723	-0,125979	-0,130713	-0,131071	19,980597	19,980587	19,980593	19,980577	19,980589	19,980591
3,1623	-0,191154	-0,197218	-0,199616	-0,193444	-0,200351	-0,200174	19,980609	19,980596	19,980575	19,980601	19,980588	19,980568
3,9811	-0,294229	-0,303174	-0,306115	-0,297042	-0,308252	-0,306515	19,980590	19,980599	19,980599	19,980590	19,980592	19,980601
5,0120	-0,456692	-0,469841	-0,473838	-0,461170	-0,480036	-0,476491	19,980590	19,980592	19,980587	19,980593	19,980596	19,980592
6,3097	-0,714251	-0,734142	-0,738633	-0,718907	-0,748124	-0,740144	19,980593	19,980590	19,980594	19,980591	19,980594	19,980591
7,9430	-1,118907	-1,148223	-1,154602	-1,127023	-1,168967	-1,158301	19,980592	19,980594	19,980592	19,980591	19,980594	19,980590
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12,5890	-2,785158	-2,845171	-2,843145	-2,805352	-2,890326	-2,855042	19,980591	19,980594	19,980591	19,980597	19,980594	19,980596
15,8490	-4,426755	-4,499672	-4,484811	-4,460402	-4,564962	-4,507179	19,980591	19,980591	19,980595	19,980592	19,980593	19,980592
19,9530	-7,073578	-7,152943	-7,111442	-7,131304	-7,247051	-7,149402	19,980618	19,980581	19,980595	19,980632	19,980602	19,980571
25,1190	-11,400110	-11,452636	-11,339116	-11,479265	-11,566641	-11,401450	19,980596	19,980592	19,980590	19,980597	19,980592	19,980591
31,6230	-18,551669	-18,549980	-18,349962	-18,657305	-18,687347	-18,438258	19,980593	19,980597	19,980596	19,980595	19,980586	19,980590
39,8110	-31,154582	-31,154515	-30,816156	-31,350102	-31,197329	-30,915607	19,980501	19,980585	19,980558	19,980528	19,980545	19,980607
50,1200	-75,557724	-89,077902	-79,082705	-79,222257	-82,598212	-86,447510	19,984869	19,983024	19,986647	19,976424	19,980262	19,979904
63,0970	-62,665666	-63,053915	-62,222103	-63,004403	-63,722826	-63,076522	19,966887	19,971246	19,970955	19,971471	19,971330	19,972915
79,4300	-55,788500	-55,953285	-55,741206	-57,485255	-56,217850	-56,169459	19,980885	19,980757	19,980701	19,980945	19,980341	19,980582
100,0000	-75,157556	-82,384784	-77,884317	-70,325881	-86,025510	-71,137984	19,980950	19,982841	19,982060	19,983903	19,981433	19,981568
125,8900	-80,085879	-77,141551	-82,692700	-80,329933	-87,755093	-79,426585	19,980631	19,981065	19,980685	19,980257	19,980815	19,980753
158,4900	-122,978850	-87,428517	-81,392228	-82,434313	-79,045698	-76,404212	19,980310	19,980642	19,980615	19,980773	19,980329	19,980372
199,5300	-79,711741	-87,556043	-78,474614	-83,371803	-95,150312	-77,892788	19,980881	19,980561	19,981112	19,980605	19,980506	19,980707
251,1900	-81,469388	-80,559509	-77,543553	-79,508582	-81,424308	-76,717167	19,980322	19,980536	19,980718	19,980758	19,980593	19,980425
316,2300	-77,825850	-87,548968	-80,124108	-80,809800	-76,512784	-73,814195	19,980058	19,980604	19,980658	19,980243	19,981088	19,980269
398,1100	-81,703101	-77,213533	-76,947617	-98,656632	-78,278868	-80,734830	19,980712	19,980526	19,980673	19,980646	19,980681	19,980721
501,2000	-79,495859	-90,995893	-91,931944	-78,802542	-77,649425	-85,182083	19,980634	19,980496	19,980636	19,980772	19,980613	19,980577
630,9700	-82,131146	-92,813651	-83,194176	-79,531866	-80,831113	-88,038347	19,980433	19,980681	19,980557	19,980526	19,980595	19,980968
794,3000	-84,424808	-91,911606	-84,856734	-83,219010	-83,191997	-79,236130	19,980943	19,980241	19,980623	19,980595	19,980599	19,980611
1000,0000	-93,080106	-80,627612	-92,593683	-81,219865	-77,238752	-83,975188	19,980596	19,980626	19,980651	19,980602	19,980629	19,980584



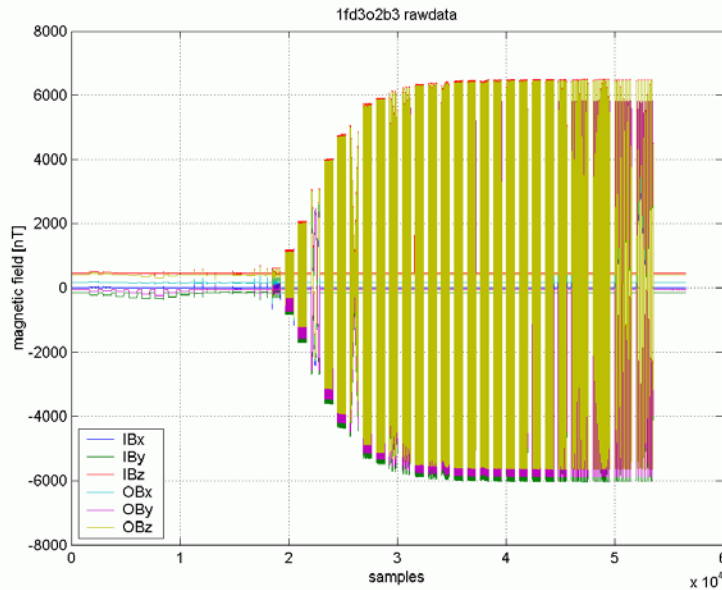


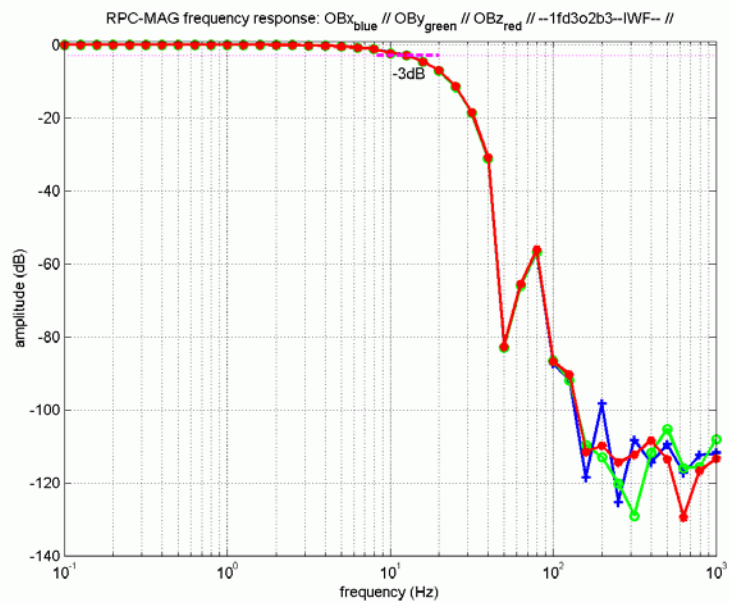
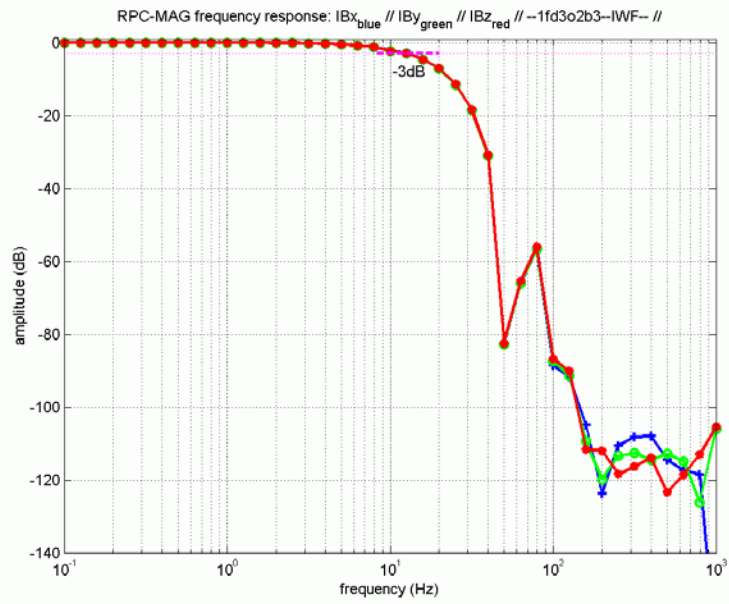
<p align="center">Space Research Institute Department of Experimental Space Research Austrian Academy of Sciences Schmiedlstraße 6 8042 Graz - Messendorf Austria</p>	<p align="center">Project: Rosetta – RPC-MAG Sample Rate and Frequency Response Analysis RO-IWF-TR0001</p>	<p>Document: IWF 2002/01 Filename: RPC-MAG Author: hue@oeaw.ac.at Revision: January 2002 Date: 23.01.2002 Page: 30</p>
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4.4.5 1fd3o2b3

Number // CCD-File // Annotation // IWF-Name
--11-- // 01-04-25 17-55-38 // fd_h FS-Sensor FS-DPU // 1fd3o2b3

File: 1fd3o2b3												
Frequency (Hz)	IBx (dB)	IBy (dB)	IBz (dB)	OBx (dB)	OBy (dB)	OBz (dB)	IBx_fs (Hz)	IBy_fs (Hz)	IBz_fs (Hz)	OBx_fs (Hz)	OBy_fs (Hz)	OBz_fs (Hz)
0,1000	0,000000	0,000000	0,000000	0,000000	0,000000	0,000000	19,980516	19,980499	19,980501	19,980519	19,980494	19,980501
0,1259	0,009664	0,009726	0,009644	0,009665	0,009707	0,009651	19,980641	19,980643	19,980645	19,980638	19,980643	19,980644
0,1585	0,018317	0,018374	0,018256	0,018319	0,018336	0,018287	19,980578	19,980576	19,980577	19,980577	19,980573	19,980578
0,1995	0,013852	0,013893	0,013763	0,013837	0,013831	0,013814	19,980594	19,980593	19,980595	19,980595	19,980593	19,980596
0,2512	0,012812	0,012914	0,012742	0,012803	0,012813	0,012792	19,980593	19,980588	19,980591	19,980591	19,980593	19,980593
0,3162	0,007096	0,007123	0,006918	0,007062	0,007030	0,006995	19,980579	19,980577	19,980578	19,980576	19,980575	19,980576
0,3981	0,007142	0,007232	0,006955	0,007111	0,007089	0,006999	19,980595	19,980589	19,980580	19,980589	19,980584	19,980584
0,5012	-0,003855	-0,003816	-0,004144	-0,003911	-0,004012	-0,004054	19,980585	19,980583	19,980587	19,980585	19,980583	19,980589
0,6310	-0,002579	-0,002590	-0,002192	-0,002301	-0,002296	-0,002296	19,980590	19,980590	19,980591	19,980589	19,980590	19,980591
0,7943	-0,007899	-0,007933	-0,008467	-0,007960	-0,008284	-0,008357	19,980590	19,980590	19,980590	19,980592	19,980589	19,980589
1,0000	-0,018966	-0,019118	-0,019777	-0,019092	-0,019683	-0,019639	19,980592	19,980593	19,980594	19,980592	19,980593	19,980593
1,2589	-0,023395	-0,023750	-0,024583	-0,023597	-0,024594	-0,024471	19,980594	19,980592	19,980593	19,980592	19,980592	19,980593
1,5849	-0,047350	-0,048106	-0,049152	-0,047642	-0,049307	-0,049076	19,980593	19,980593	19,980593	19,980593	19,980593	19,980593
1,9953	-0,082369	-0,083743	-0,085132	-0,082828	-0,085547	-0,085097	19,980592	19,980592	19,980592	19,980592	19,980592	19,980592
2,5119	-0,118208	-0,120641	-0,122454	-0,118932	-0,123370	-0,122518	19,980595	19,980595	19,980595	19,980595	19,980595	19,980595
3,1623	-0,187779	-0,192018	-0,194362	-0,188884	-0,196117	-0,194585	19,980595	19,980594	19,980594	19,980594	19,980594	19,980594
3,9811	-0,322366	-0,329540	-0,332690	-0,324124	-0,335780	-0,333162	19,980595	19,980595	19,980595	19,980594	19,980595	19,980595
5,0120	-0,468391	-0,480156	-0,484373	-0,471151	-0,489649	-0,485344	19,980594	19,980594	19,980594	19,980594	19,980594	19,980594
6,3097	-0,731470	-0,750319	-0,755759	-0,735854	-0,764746	-0,757557	19,980593	19,980593	19,980593	19,980593	19,980593	19,980593
7,9430	-1,121198	-1,150179	-1,156771	-1,128202	-1,172009	-1,160086	19,980593	19,980592	19,980593	19,980592	19,980592	19,980593
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12,5890	-2,852084	-2,910181	-2,912780	-2,870468	-2,957990	-2,924041	19,980593	19,980593	19,980593	19,980593	19,980593	19,980593
15,8490	-4,521828	-4,592639	-4,581923	-4,551723	-4,660635	-4,602696	19,980593	19,980593	19,980593	19,980593	19,980593	19,980593
19,9530	-7,048099	-7,192136	-7,005336	-7,178025	-7,145100	-7,049288	19,979862	19,980441	19,979282	19,980512	19,979319	19,979346
25,1190	-11,456769	-11,504029	-11,398003	-11,530780	-11,621488	-11,459408	19,980593	19,980593	19,980593	19,980593	19,980593	19,980593
31,6230	-18,580958	-18,582114	-18,380354	-18,686349	-18,718466	-18,469930	19,980592	19,980592	19,980592	19,980592	19,980592	19,980592
39,8110	-31,146951	-31,103118	-30,792385	-31,283227	-31,247348	-30,903418	19,980588	19,980589	19,980588	19,980588	19,980589	19,980588
50,1200	-82,824172	-82,742119	-82,497750	-83,163669	-83,036486	-82,715132	19,979347	19,979266	19,979075	19,979216	19,979032	19,979069
63,0970	-66,040240	-65,965894	-65,490181	-66,221345	-66,078909	-65,603480	19,986225	19,986153	19,986181	19,986213	19,986172	19,986188
79,4300	-56,772592	-56,661435	-56,091240	-56,975332	-56,779319	-56,188292	19,980603	19,980605	19,980604	19,980595	19,980611	19,980597
100,0000	-88,455361	-87,329259	-86,786416	-87,389334	-86,602401	-86,783522	19,982719	19,983657	19,983694	19,983686	19,983673	19,983887
125,8900	-91,890784	-91,436459	-90,141532	-91,726962	-91,915798	-90,445085	19,980363	19,980682	19,980355	19,980479	19,980637	19,980589
158,4900	-104,902574	-109,341816	-111,681277	-118,465631	-109,726600	-111,596346	19,980465	19,980888	19,980881	19,981008	19,980218	19,980829
199,5300	-123,792563	-119,820065	-112,095670	-98,426425	-112,977697	-109,890648	19,981024	19,980906	19,980884	19,980388	19,980824	19,980890
251,1900	-110,586870	-113,438148	-118,437239	-125,388756	-120,319194	-114,472071	19,981273	19,981066	19,981133	19,981459	19,980989	19,980817
316,2300	-108,169647	-112,613980	-116,330656	-108,314469	-129,113932	-112,392532	19,981092	19,981118	19,980863	19,980784	19,980745	19,981072
398,1100	-108,037380	-114,515142	-113,934328	-114,500186	-111,904384	-108,498862	19,981054	19,980815	19,981036	19,981046	19,980927	19,980864
501,2000	-114,569817	-112,858820	-123,284195	-109,467485	-105,246589	-113,559113	19,981046	19,981386	19,980912	19,980966	19,981013	19,980987
630,9700	-117,354566	-114,836148	-118,646951	-117,376044	-116,040367	-129,586687	19,981082	19,980964	19,981088	19,981313	19,980978	19,981059
794,3000	-118,525570	-126,232625	-113,019895	-112,404197	-115,575715	-116,736009	19,980971	19,980876	19,980932	19,981051	19,980942	19,981006
1000,0000	-168,076266	-106,129159	-105,425492	-111,914254	-108,204117	-113,424752	19,981039	19,980996	19,981213	19,981009	19,980980	19,981027





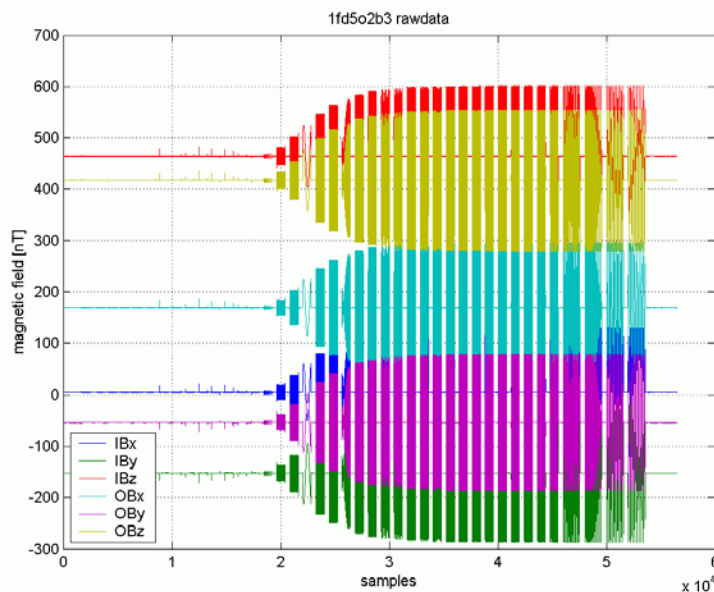
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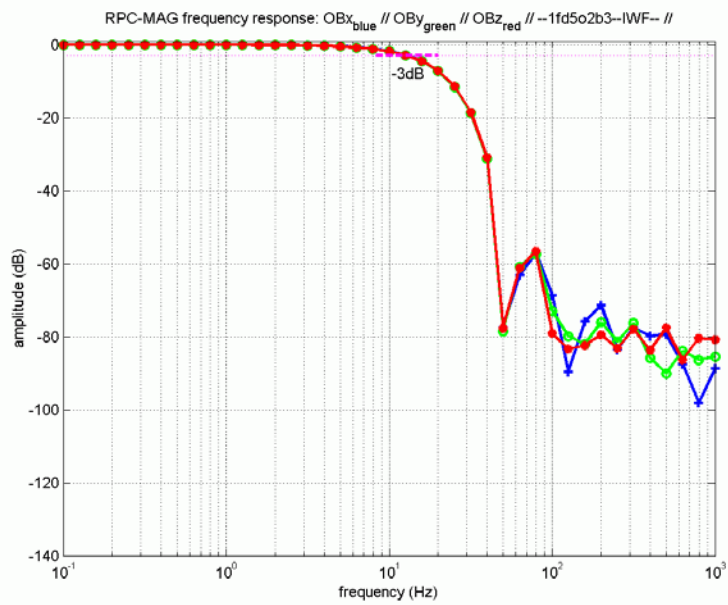
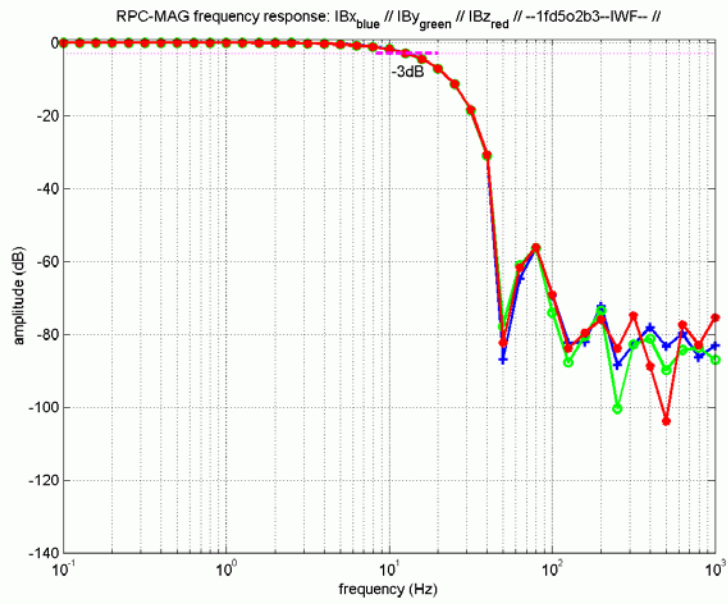
4.4.6 1fd5o2b3

Number // CCD-File // Annotation // IWF-Name
 --12-- // 01-04-25 18-42-58 // fd_1 FS-Sensor FS-DPU // 1fd5o2b3

File: 1fd5o2b3

Frequency (Hz)	IBx (dB)	IBy (dB)	IBz (dB)	OBx (dB)	OBy (dB)	OBz (dB)	IBx_fs (Hz)	IBy_fs (Hz)	IBz_fs (Hz)	OBx_fs (Hz)	OBy_fs (Hz)	OBz_fs (Hz)
0,1000	0,000000	0,000000	0,000000	0,000000	0,000000	0,000000	19,980436	19,980857	19,980666	19,980472	19,980673	19,980717
0,1259	-0,000658	-0,002065	-0,001453	0,000517	-0,001667	-0,001194	19,980643	19,980695	19,980630	19,980849	19,980656	19,980638
0,1585	-0,001016	-0,003248	-0,002538	-0,002097	-0,003116	-0,003132	19,981044	19,980389	19,980790	19,981071	19,980599	19,980802
0,1995	-0,003619	-0,004017	-0,004417	-0,002789	-0,005016	-0,003544	19,980455	19,980617	19,980639	19,980517	19,980584	19,980622
0,2512	-0,006276	-0,006183	-0,006773	-0,005343	-0,005849	-0,006984	19,980674	19,980650	19,980696	19,980671	19,980694	19,980628
0,3162	-0,006025	-0,009143	-0,008833	-0,005074	-0,008587	-0,006315	19,980538	19,980592	19,980712	19,980601	19,980555	19,980595
0,3981	-0,009190	-0,008745	-0,010658	-0,008183	-0,008206	-0,009685	19,980531	19,980511	19,980550	19,980610	19,980569	19,980600
0,5012	-0,010359	-0,011850	-0,012782	-0,009717	-0,012169	-0,011077	19,980559	19,980570	19,980608	19,980688	19,980567	19,980583
0,6310	-0,015943	-0,016131	-0,016171	-0,015630	-0,016396	-0,015953	19,980558	19,980539	19,980570	19,980679	19,980567	19,980580
0,7943	-0,021185	-0,021407	-0,022338	-0,020173	-0,022147	-0,020888	19,980592	19,980573	19,980549	19,980592	19,980586	19,980564
1,0000	-0,028250	-0,028710	-0,030603	-0,027481	-0,029143	-0,030597	19,980569	19,980583	19,980592	19,980550	19,980600	19,980586
1,2589	-0,042044	-0,041732	-0,042324	-0,040503	-0,042053	-0,041976	19,980574	19,980596	19,980577	19,980581	19,980605	19,980559
1,5849	-0,058075	-0,059388	-0,061160	-0,058914	-0,060367	-0,060378	19,980608	19,980585	19,980592	19,980583	19,980598	19,980594
1,9953	-0,087522	-0,087995	-0,090625	-0,087816	-0,089611	-0,090431	19,980584	19,980606	19,980581	19,980597	19,980589	19,980584
2,5119	-0,129018	-0,131366	-0,134022	-0,128970	-0,134395	-0,133569	19,980591	19,980595	19,980589	19,980587	19,980588	19,980586
3,1623	-0,195915	-0,199280	-0,201204	-0,196852	-0,203505	-0,201412	19,980621	19,980583	19,980563	19,980606	19,980554	19,980561
3,9811	-0,299642	-0,307966	-0,310266	-0,301730	-0,314044	-0,310295	19,980597	19,980587	19,980588	19,980594	19,980592	19,980589
5,0120	-0,463628	-0,476489	-0,479681	-0,466007	-0,484596	-0,480351	19,980596	19,980594	19,980593	19,980591	19,980589	19,980590
6,3097	-0,720617	-0,740151	-0,744364	-0,724692	-0,754229	-0,745143	19,980598	19,980592	19,980589	19,980595	19,980592	19,980587
7,9430	-1,127168	-1,156946	-1,161102	-1,133752	-1,177712	-1,164737	19,980592	19,980590	19,980592	19,980590	19,980587	19,980593
10,0000	-1,757533	-1,799281	-1,803601	-1,768916	-1,830620	-1,809756	19,980517	19,980502	19,980591	19,980590	19,980504	19,980616
12,5890	-2,794205	-2,853656	-2,852379	-2,814858	-2,899305	-2,864283	19,980594	19,980590	19,980588	19,980590	19,980592	19,980588
15,8490	-4,436631	-4,509534	-4,493146	-4,467549	-4,575389	-4,514871	19,980591	19,980590	19,980588	19,980590	19,980589	19,980589
19,9530	-7,090548	-7,171115	-7,114309	-7,153999	-7,259698	-7,152255	19,980621	19,980621	19,980576	19,980690	19,980591	19,980584
25,1190	-11,406817	-11,463246	-11,349754	-11,487276	-11,580034	-11,412680	19,980591	19,980593	19,980591	19,980589	19,980591	19,980591
31,6230	-18,555748	-18,563667	-18,361026	-18,666521	-18,697687	-18,445497	19,980589	19,980591	19,980588	19,980592	19,980592	19,980592
39,8110	-31,146734	-31,082859	-30,732007	-31,308612	-31,243931	-30,838032	19,980574	19,980642	19,980612	19,980601	19,980575	19,980572
50,1200	-87,022972	-77,878545	-82,334417	-77,502361	-78,450886	-77,752283	19,978436	19,980695	19,981064	19,980629	19,977797	19,984443
63,0970	-64,855663	-60,945868	-61,829254	-63,238644	-60,795148	-61,183478	19,983472	19,979839	19,980792	19,981722	19,979254	19,978740
79,4300	-56,580903	-56,425754	-56,231589	-57,175484	-57,288336	-56,568674	19,980481	19,980211	19,980508	19,980711	19,980475	19,980609
100,0000	-69,272374	-74,105659	-69,139644	-68,639905	-73,007284	-79,092663	19,981045	19,981535	19,980777	19,981318	19,985017	19,981670
125,8900	-82,478960	-87,866076	-83,990466	-89,762735	-79,836936	-83,362612	19,980805	19,979647	19,980481	19,980804	19,980586	19,980719
158,4900	-82,161800	-80,495068	-79,612468	-75,919383	-82,032338	-82,400965	19,980873	19,980874	19,980793	19,981132	19,980924	19,980573
199,5300	-72,415443	-73,483993	-76,033491	-71,342183	-76,128957	-79,428299	19,980922	19,980378	19,980447	19,980816	19,980591	19,980214
251,1900	-88,585346	-100,489127	-84,020253	-83,563990	-81,359527	-83,211128	19,980828	19,980347	19,980422	19,980858	19,981393	19,980705
316,2300	-82,807222	-82,805149	-74,976791	-77,516024	-76,246637	-77,952268	19,981100	19,980536	19,980545	19,980693	19,979946	19,980500
398,1100	-78,176701	-81,215731	-88,765519	-79,883056	-85,801894	-83,827403	19,980513	19,980529	19,980612	19,980677	19,980688	19,980828
501,2000	-83,371436	-89,966908	-103,964901	-79,377211	-90,149860	-77,645370	19,980577	19,980675	19,980660	19,980934	19,980507	19,980641
630,9700	-79,907925	-84,362831	-77,476439	-87,494967	-83,838518	-86,431910	19,980606	19,980609	19,980577	19,980555	19,980461	19,980579
794,3000	-86,334866	-83,801243	-82,932149	-98,093308	-86,397024	-80,387234	19,980685	19,980640	19,980592	19,980601	19,980792	19,980615
1000,0000	-83,154999	-86,944913	-75,470318	-88,783706	-85,452291	-80,783623	19,980571	19,980597	19,980535	19,980582	19,980599	19,980583



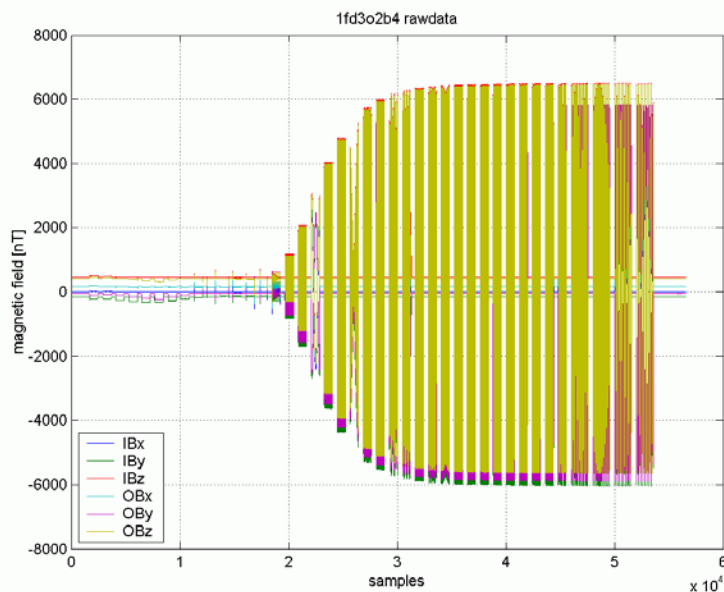


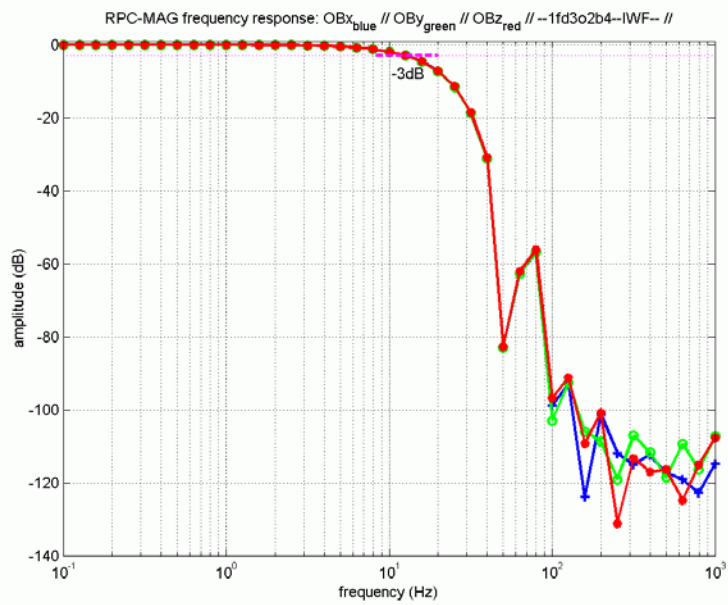
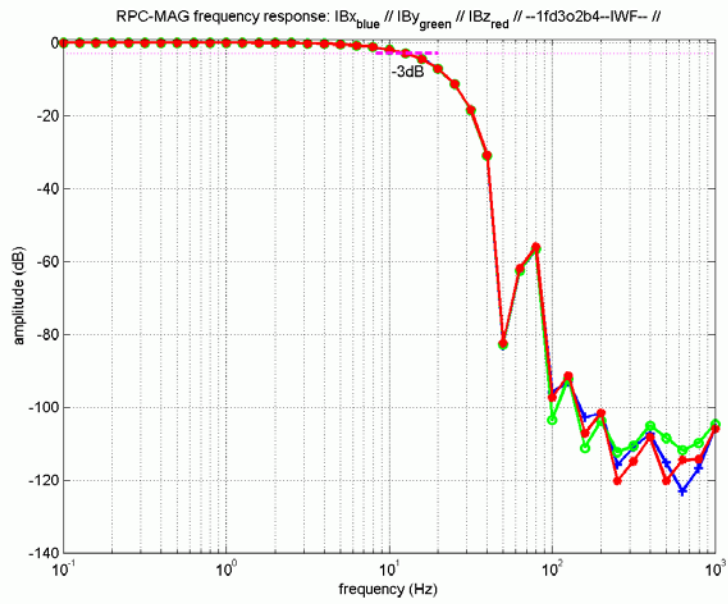
<p align="center">Space Research Institute Department of Experimental Space Research Austrian Academy of Sciences Schmiedlstraße 6 8042 Graz - Messendorf Austria</p>	<p align="center">Project: Rosetta – RPC-MAG Sample Rate and Frequency Response Analysis RO-IWF-TR0001</p>	<p>Document: IWF 2002/01 Filename: RPC-MAG Author: hue@oeaw.ac.at Revision: January 2002 Date: 23.01.2002 Page: 34</p>
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4.4.7 1fd3o2b4

Number // CCD-File // Annotation // IWF-Name
--13-- // 01-04-25 19-30-18 // fd_h FS-Sensor FS-DPU // 1fd3o2b4

File: 1fd3o2b4												
Frequency (Hz)	IBx (dB)	IBy (dB)	IBz (dB)	OBx (dB)	OBy (dB)	OBz (dB)	IBx_fs (Hz)	IBy_fs (Hz)	IBz_fs (Hz)	OBx_fs (Hz)	OBy_fs (Hz)	OBz_fs (Hz)
0,1000	0,000000	0,000000	0,000000	0,000000	0,000000	0,000000	19,980591	19,980588	19,980599	19,980590	19,980591	19,980601
0,1259	0,009733	0,009775	0,009718	0,009690	0,009773	0,009745	19,980653	19,980654	19,980659	19,980652	19,980656	19,980656
0,1585	0,006320	0,006339	0,006255	0,006325	0,006311	0,006271	19,980599	19,980597	19,980598	19,980599	19,980598	19,980595
0,1995	-0,007207	-0,007130	-0,007259	-0,007210	-0,007180	-0,007231	19,980578	19,980574	19,980575	19,980577	19,980573	19,980574
0,2512	-0,023108	-0,023022	-0,023202	-0,023155	-0,023124	-0,023161	19,980528	19,980527	19,980525	19,980527	19,980528	19,980525
0,3162	-0,018283	-0,018183	-0,018413	-0,018285	-0,018300	-0,018349	19,980589	19,980585	19,980586	19,980589	19,980585	19,980586
0,3981	-0,018359	-0,018312	-0,018561	-0,018427	-0,018426	-0,018496	19,980587	19,980588	19,980588	19,980591	19,980586	19,980586
0,5012	-0,020409	-0,020312	-0,020661	-0,020463	-0,020507	-0,020573	19,980583	19,980583	19,980586	19,980584	19,980583	19,980585
0,6310	-0,024809	-0,024801	-0,025229	-0,024894	-0,025083	-0,025132	19,980591	19,980591	19,980590	19,980590	19,980590	19,980591
0,7943	-0,026296	-0,026332	-0,026818	-0,026432	-0,026723	-0,026739	19,980583	19,980584	19,980584	19,980584	19,980584	19,980585
1,0000	-0,036965	-0,037073	-0,037752	-0,037118	-0,037610	-0,037641	19,980595	19,980594	19,980594	19,980594	19,980594	19,980594
1,2589	-0,039252	-0,039611	-0,040416	-0,039463	-0,040433	-0,040322	19,980590	19,980590	19,980590	19,980590	19,980590	19,980590
1,5849	-0,066581	-0,067317	-0,068350	-0,066878	-0,068517	-0,068299	19,980592	19,980593	19,980593	19,980592	19,980593	19,980592
1,9953	-0,092295	-0,093673	-0,095035	-0,092774	-0,095469	-0,095003	19,980594	19,980595	19,980595	19,980594	19,980595	19,980595
2,5119	-0,136894	-0,139337	-0,141097	-0,137604	-0,142032	-0,141196	19,980595	19,980595	19,980595	19,980595	19,980595	19,980595
3,1623	-0,201332	-0,205573	-0,207925	-0,202456	-0,209660	-0,208160	19,980592	19,980592	19,980592	19,980592	19,980592	19,980592
3,9811	-0,307906	-0,315101	-0,318214	-0,309667	-0,321312	-0,318715	19,980594	19,980593	19,980594	19,980594	19,980594	19,980594
5,0120	-0,463577	-0,475387	-0,479550	-0,466329	-0,484866	-0,480556	19,980592	19,980592	19,980593	19,980592	19,980592	19,980593
6,3097	-0,733831	-0,752678	-0,758120	-0,738244	-0,767059	-0,759954	19,980592	19,980592	19,980592	19,980592	19,980592	19,980592
7,9430	-1,140063	-1,169088	-1,175625	-1,147093	-1,190874	-1,178951	19,980592	19,980592	19,980592	19,980592	19,980592	19,980592
10,0000	-2,108454	-2,028409	-2,043111	-2,154840	-2,075579	-2,058346	19,979240	19,979714	19,979683	19,979325	19,979657	19,979647
12,5890	-2,830522	-2,888623	-2,891192	-2,848911	-2,936391	-2,902505	19,980592	19,980592	19,980592	19,980592	19,980592	19,980592
15,8490	-4,478023	-4,548854	-4,538113	-4,507998	-4,616861	-4,558891	19,980592	19,980592	19,980592	19,980592	19,980592	19,980592
19,9530	-7,175272	-7,242301	-7,199167	-7,223317	-7,335037	-7,236504	19,980686	19,980663	19,980663	19,980685	19,980665	19,980664
25,1190	-11,449630	-11,496842	-11,390646	-11,523677	-11,614214	-11,452236	19,980591	19,980591	19,980591	19,980591	19,980591	19,980591
31,6230	-18,616149	-18,617199	-18,415601	-18,721670	-18,753399	-18,505343	19,980591	19,980591	19,980591	19,980591	19,980591	19,980591
39,8110	-31,151481	-31,111244	-30,800242	-31,287259	-31,253576	-30,910586	19,980592	19,980596	19,980594	19,980591	19,980598	19,980596
50,1200	-83,172804	-82,823403	-82,413171	-83,024559	-82,876994	-82,680024	19,981182	19,981159	19,981116	19,981165	19,981217	19,981199
63,0970	-62,674095	-62,564806	-62,068337	-62,872730	-62,707429	-62,178248	19,980634	19,980508	19,980527	19,980624	19,980553	19,980547
79,4300	-56,765136	-56,665163	-56,122996	-56,969030	-56,783828	-56,201324	19,980863	19,980598	19,980593	19,980652	19,980587	19,980602
100,0000	-96,025943	-103,575512	-97,396575	-98,859698	-102,935632	-96,769843	19,981217	19,981824	19,981711	19,980609	19,981401	19,981560
125,8900	-93,101138	-92,176184	-91,333051	-92,969980	-92,543520	-91,279609	19,981442	19,981168	19,981390	19,981126	19,981216	19,981023
158,4900	-102,799460	-111,162855	-107,169453	-123,976114	-106,032638	-109,243146	19,978892	19,980972	19,980933	19,980580	19,981402	19,980886
199,5300	-101,675868	-103,781555	-101,615184	-101,343826	-108,769987	-100,842340	19,980382	19,981317	19,982484	19,981241	19,981264	19,981453
251,1900	-115,942005	-112,412748	-120,307331	-111,997117	-119,052632	-131,208073	19,981036	19,981125	19,980949	19,980664	19,981127	19,980924
316,2300	-111,088059	-110,570310	-114,830765	-115,105670	-107,067355	-113,343961	19,980968	19,980527	19,980855	19,980533	19,980194	19,981181
398,1100	-107,435102	-105,028190	-108,269847	-112,393682	-111,590958	-117,043845	19,980869	19,981585	19,981013	19,980838	19,980826	19,980994
501,2000	-115,368975	-108,533989	-120,332048	-117,334421	-118,578791	-116,348132	19,980999	19,981017	19,981016	19,981112	19,981744	19,981030
630,9700	-123,215208	-111,874847	-114,553311	-119,148202	-109,396097	-124,863192	19,981046	19,981053	19,980957	19,981041	19,980897	19,980951
794,3000	-116,783037	-109,853782	-114,409990	-122,695532	-116,411013	-115,040915	19,981022	19,981147	19,981098	19,981414	19,981023	19,981014
1000,0000	-105,674403	-104,641952	-106,040479	-114,977792	-107,294602	-107,741151	19,980976	19,980904	19,980986	19,981038	19,981050	19,980974



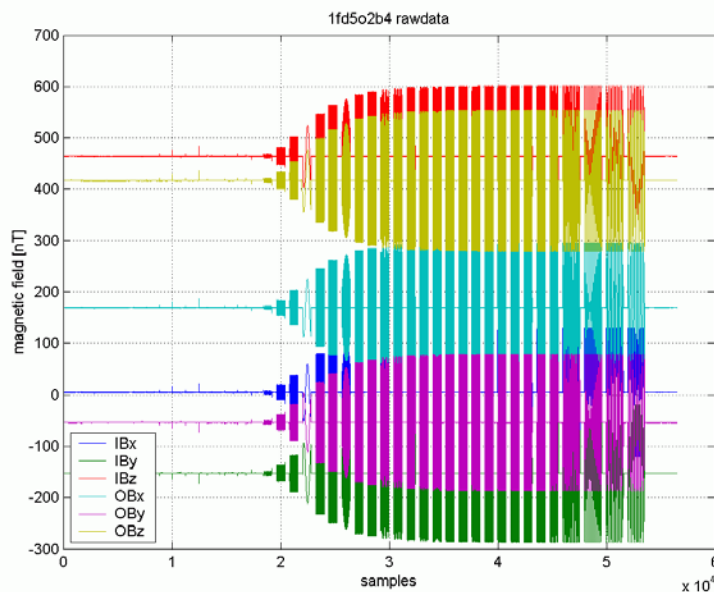


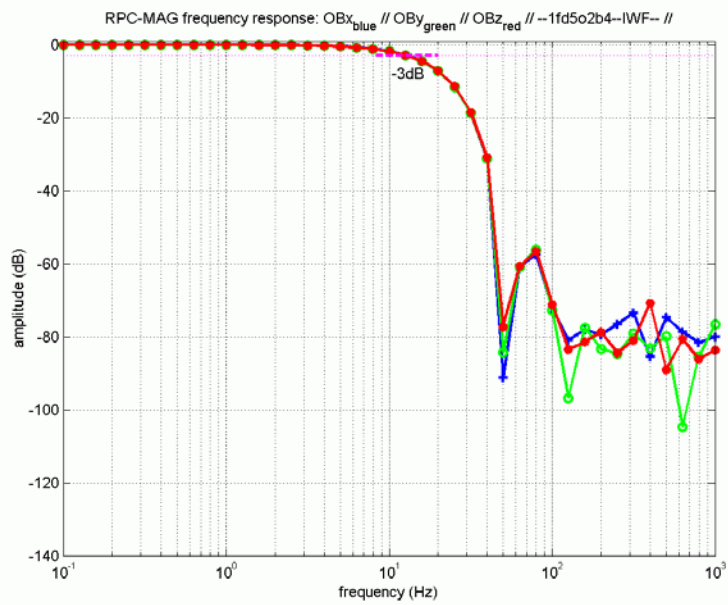
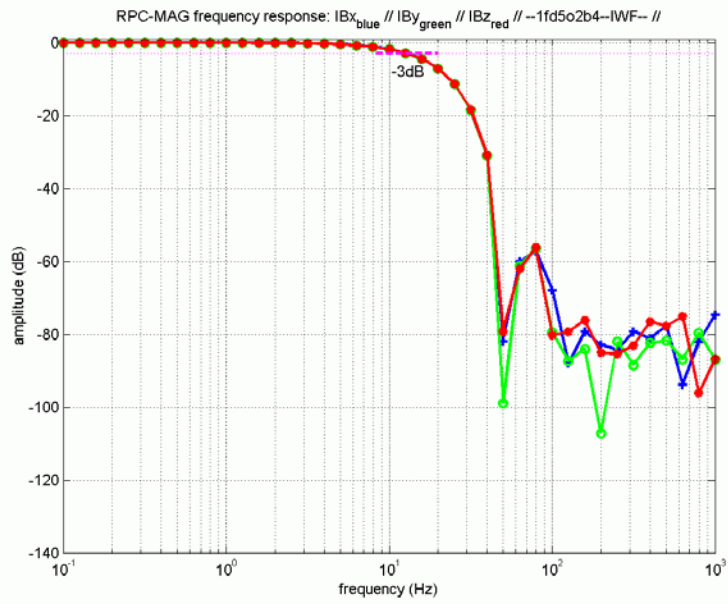
Space Research Institute Department of Experimental Space Research Austrian Academy of Sciences Schmiedlstraße 6 8042 Graz - Messendorf Austria	Project: Rosetta – RPC-MAG Sample Rate and Frequency Response Analysis RO-IWF-TR0001	Document: IWF 2002/01 Filename: RPC-MAG Author: hue@oeaw.ac.at Revision: January 2002 Date: 23.01.2002 Page: 36
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4.4.8 1fd5o2b4

Number // CCD-File // Annotation // IWF-Name
 --14-- // 01-04-25 20-17-39 // fd_1 FS-Sensor FS-DPU // 1fd5o2b4

File: 1fd5o2b4												
Frequency (Hz)	IBx (dB)	IBy (dB)	IBz (dB)	OBx (dB)	OBy (dB)	OBz (dB)	IBx_fs (Hz)	IBy_fs (Hz)	IBz_fs (Hz)	OBx_fs (Hz)	OBy_fs (Hz)	OBz_fs (Hz)
0,1000	0,000000	0,000000	0,000000	0,000000	0,000000	0,000000	19,980896	19,980382	19,980587	19,980827	19,980372	19,980668
0,1259	-0,000267	0,000059	-0,000580	-0,001847	-0,000786	-0,000839	19,980474	19,980596	19,980561	19,980488	19,980622	19,980587
0,1585	-0,000406	-0,001078	-0,001511	-0,001426	-0,001305	-0,001080	19,980771	19,980491	19,980579	19,980543	19,980558	19,980505
0,1995	-0,001287	-0,002888	-0,002541	-0,004366	-0,002380	-0,002784	19,980120	19,980658	19,980565	19,980129	19,980519	19,980761
0,2512	-0,001391	-0,004082	-0,004865	-0,003607	-0,004454	-0,005209	19,980357	19,980475	19,980270	19,980590	19,980588	19,980385
0,3162	-0,004770	-0,006806	-0,006658	-0,004886	-0,006792	-0,006809	19,980510	19,980631	19,980606	19,980617	19,980625	19,980618
0,3981	-0,006725	-0,007422	-0,008283	-0,006931	-0,006918	-0,008009	19,980543	19,980620	19,980559	19,980553	19,980655	19,980540
0,5012	-0,009178	-0,010917	-0,011836	-0,010633	-0,011426	-0,011079	19,980611	19,980545	19,980547	19,980588	19,980580	19,980543
0,6310	-0,013162	-0,013911	-0,013883	-0,012538	-0,013730	-0,014424	19,980553	19,980619	19,980599	19,980545	19,980603	19,980561
0,7943	-0,018283	-0,020097	-0,019291	-0,019253	-0,019575	-0,018012	19,980624	19,980614	19,980471	19,980632	19,980579	19,980464
1,0000	-0,026368	-0,027227	-0,028685	-0,026211	-0,027911	-0,029050	19,980602	19,980593	19,980577	19,980615	19,980605	19,980584
1,2589	-0,038472	-0,038327	-0,039455	-0,038148	-0,040600	-0,039344	19,980633	19,980605	19,980660	19,980579	19,980556	19,980631
1,5849	-0,056328	-0,058107	-0,059012	-0,056844	-0,058822	-0,058471	19,980592	19,980600	19,980598	19,980581	19,980606	19,980603
1,9953	-0,083004	-0,087139	-0,086789	-0,084228	-0,087835	-0,086931	19,980580	19,980585	19,980593	19,980583	19,980582	19,980581
2,5119	-0,127085	-0,129966	-0,133074	-0,129443	-0,132659	-0,132655	19,980589	19,980591	19,980600	19,980585	19,980594	19,980595
3,1623	-0,192892	-0,198095	-0,200183	-0,196118	-0,203204	-0,200486	19,980569	19,980593	19,980595	19,980572	19,980597	19,980589
3,9811	-0,296511	-0,305406	-0,308180	-0,298740	-0,310757	-0,308636	19,980595	19,980594	19,980589	19,980591	19,980591	19,980593
5,0120	-0,460771	-0,473274	-0,477321	-0,465183	-0,481770	-0,477885	19,980597	19,980587	19,980591	19,980597	19,980592	19,980591
6,3097	-0,717915	-0,737791	-0,741435	-0,723128	-0,750951	-0,743818	19,980588	19,980587	19,980590	19,980592	19,980591	19,980591
7,9430	-1,122487	-1,152584	-1,157539	-1,132555	-1,172808	-1,162352	19,980591	19,980588	19,980589	19,980588	19,980591	19,980590
10,0000	-1,765600	-1,810559	-1,813691	-1,779065	-1,840477	-1,820312	19,980588	19,980592	19,980594	19,980589	19,980585	19,980592
12,5890	-2,789947	-2,850851	-2,848322	-2,812126	-2,895386	-2,860043	19,980595	19,980588	19,980589	19,980592	19,980592	19,980590
15,8490	-4,432170	-4,506026	-4,489809	-4,467158	-4,571090	-4,512039	19,980592	19,980591	19,980590	19,980591	19,980593	19,980590
19,9530	-7,093403	-7,159733	-7,111303	-7,142647	-7,251996	-7,151288	19,980584	19,980606	19,980585	19,980588	19,980605	19,980592
25,1190	-11,404156	-11,461540	-11,346744	-11,482560	-11,578766	-11,408067	19,980605	19,980587	19,980592	19,980592	19,980599	19,980590
31,6230	-18,562396	-18,563112	-18,353107	-18,673032	-18,700132	-18,440584	19,980588	19,980590	19,980595	19,980593	19,980592	19,980593
39,8110	-31,203160	-31,054033	-30,765927	-31,263764	-31,185806	-30,879005	19,980652	19,980594	19,980612	19,980647	19,980613	19,980595
50,1200	-81,925590	-98,915426	-79,245293	-91,149259	-84,257215	-77,364065	19,982072	19,979373	19,979845	19,981755	19,981487	19,981120
63,0970	-60,125054	-61,137978	-62,153134	-60,792320	-60,920538	-60,728847	19,979534	19,975518	19,976087	19,981379	19,978520	19,976573
79,4300	-57,206034	-56,327503	-56,182332	-57,528200	-56,247506	-56,599585	19,980309	19,980911	19,980246	19,981229	19,980586	19,980400
100,0000	-67,892601	-79,494088	-80,309271	-72,216972	-72,745873	-71,193440	19,982320	19,980013	19,981279	19,981017	19,980348	19,980556
125,8900	-88,043708	-87,403457	-79,371874	-80,953381	-96,832206	-83,489223	19,980206	19,980775	19,980624	19,979987	19,979897	19,980586
158,4900	-79,383399	-84,086062	-76,210593	-78,127795	-77,510543	-81,452945	19,980480	19,980418	19,981318	19,980728	19,980620	19,982358
199,5300	-83,002820	-107,224058	-85,137103	-79,506728	-83,336629	-78,751946	19,980245	19,980539	19,980297	19,980602	19,980225	19,979596
251,1900	-84,384967	-82,031188	-85,460008	-76,637177	-84,693603	-84,450929	19,980610	19,980661	19,980486	19,980463	19,980288	19,980768
316,2300	-79,263632	-88,458495	-83,149387	-73,525446	-79,186755	-80,990871	19,980585	19,980694	19,980543	19,980509	19,980702	19,980504
398,1100	-81,189762	-82,439035	-76,546629	-85,515774	-83,223565	-70,766471	19,980525	19,980376	19,980586	19,980661	19,980728	19,980673
501,2000	-77,826667	-81,718928	-77,847679	-74,717642	-79,943090	-89,058526	19,980576	19,980703	19,980550	19,980703	19,980655	19,980622
630,9700	-93,941473	-86,920549	-75,155414	-78,687970	-104,680372	-80,743112	19,980610	19,980530	19,980666	19,981008	19,980551	19,980432
794,3000	-82,183531	-79,675276	-96,226257	-81,569550	-85,432552	-86,168743	19,980536	19,980569	19,980591	19,980864	19,980584	19,980636
1000,0000	-74,756856	-87,003373	-86,861366	-80,045469	-76,549332	-83,717748	19,980617	19,980584	19,980660	19,980594	19,980623	19,980638



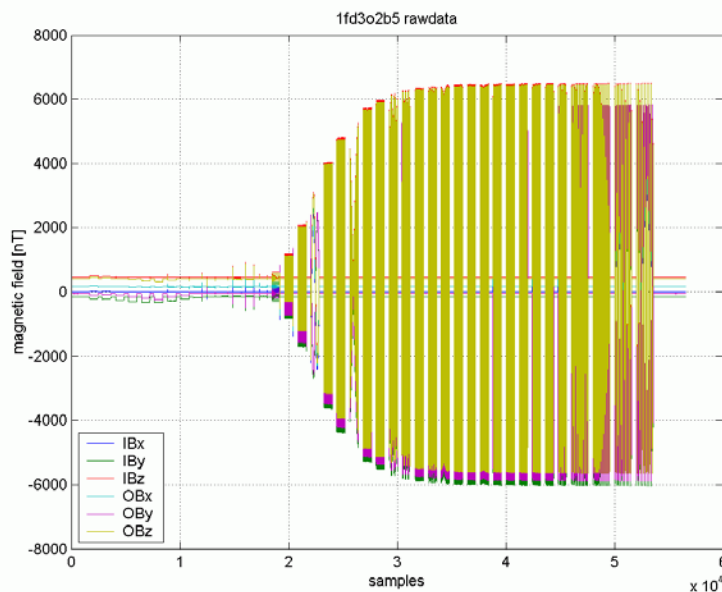


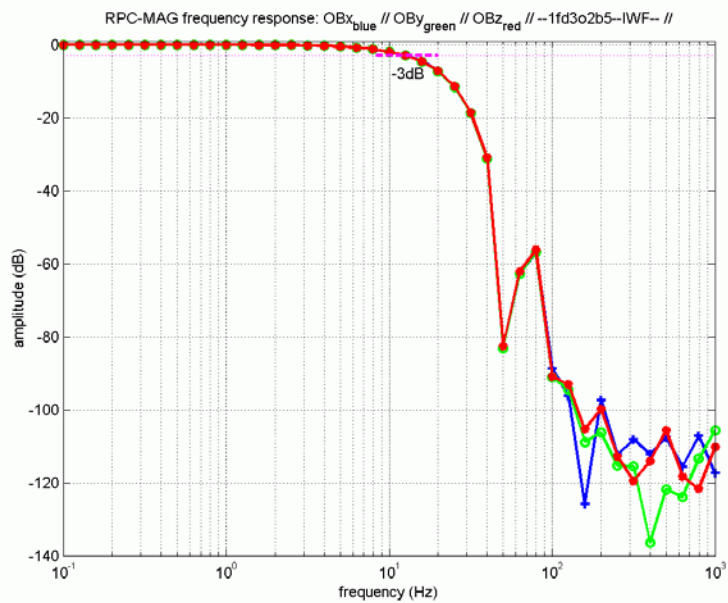
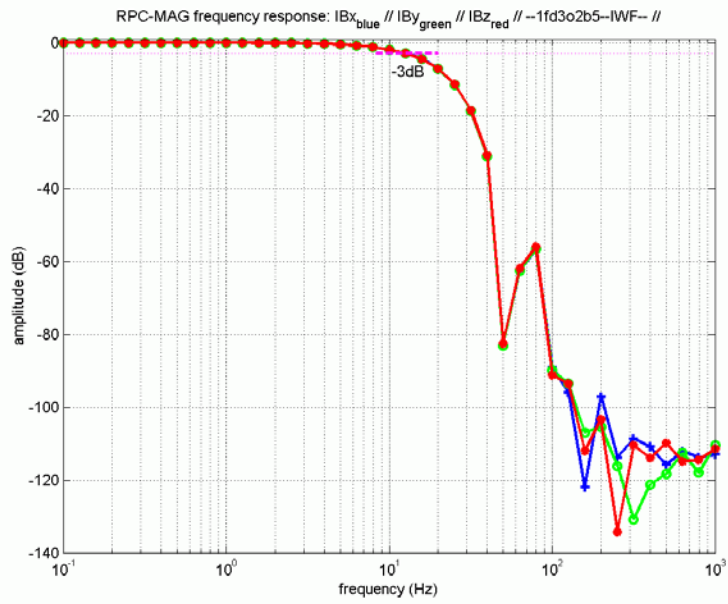
Space Research Institute Department of Experimental Space Research Austrian Academy of Sciences Schmiedlstraße 6 8042 Graz - Messendorf Austria	Project: Rosetta – RPC-MAG Sample Rate and Frequency Response Analysis RO-IWF-TR0001	Document: IWF 2002/01 Filename: RPC-MAG Author: hue@oeaw.ac.at Revision: January 2002 Date: 23.01.2002 Page: 38
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4.4.9 1fd3o2b5

Number // CCD-File // Annotation // IWF-Name
 --15-- // 01-04-25 21-04-59 // fd_h FS-Sensor FS-DPU // 1fd3o2b5

File: 1fd3o2b5												
Frequency (Hz)	IBx (dB)	IBy (dB)	IBz (dB)	OBx (dB)	OBy (dB)	OBz (dB)	IBx_fs (Hz)	IBy_fs (Hz)	IBz_fs (Hz)	OBx_fs (Hz)	OBy_fs (Hz)	OBz_fs (Hz)
0,1000	0,000000	0,000000	0,000000	0,000000	0,000000	0,000000	19,980578	19,980586	19,980589	19,980577	19,980583	19,980585
0,1259	-0,003219	-0,003262	-0,003300	-0,003266	-0,003255	-0,003294	19,980625	19,980620	19,980623	19,980627	19,980617	19,980622
0,1585	-0,011698	-0,011682	-0,011746	-0,011733	-0,011696	-0,011730	19,980602	19,980603	19,980605	19,980603	19,980601	19,980603
0,1995	-0,016184	-0,016163	-0,016260	-0,016214	-0,016210	-0,016224	19,980565	19,980565	19,980565	19,980567	19,980564	19,980565
0,2512	-0,024973	-0,024987	-0,025099	-0,025043	-0,025032	-0,025067	19,980617	19,980611	19,980613	19,980611	19,980610	19,980613
0,3162	-0,024179	-0,024160	-0,024349	-0,024236	-0,024249	-0,024275	19,980580	19,980585	19,980584	19,980579	19,980585	19,980584
0,3981	-0,031664	-0,031621	-0,031890	-0,031741	-0,031736	-0,031818	19,980599	19,980600	19,980600	19,980599	19,980599	19,980600
0,5012	-0,027649	-0,027690	-0,027977	-0,027763	-0,027819	-0,027921	19,980571	19,980571	19,980570	19,980571	19,980573	19,980570
0,6310	-0,038232	-0,038291	-0,038657	-0,038524	-0,038523	-0,038562	19,980583	19,980584	19,980584	19,980584	19,980584	19,980583
0,7943	-0,034410	-0,034532	-0,035019	-0,034551	-0,034889	-0,034916	19,980587	19,980587	19,980585	19,980586	19,980587	19,980586
1,0000	-0,041597	-0,041815	-0,042435	-0,041776	-0,042366	-0,042334	19,980589	19,980590	19,980591	19,980590	19,980591	19,980590
1,2589	-0,048968	-0,049389	-0,050188	-0,049191	-0,050173	-0,050086	19,980591	19,980590	19,980590	19,980591	19,980591	19,980590
1,5849	-0,069868	-0,070688	-0,071722	-0,070219	-0,071868	-0,071632	19,980593	19,980593	19,980593	19,980593	19,980593	19,980593
1,9953	-0,093657	-0,095139	-0,096450	-0,094162	-0,096880	-0,096451	19,980592	19,980592	19,980592	19,980592	19,980592	19,980593
2,5119	-0,148184	-0,150719	-0,152438	-0,148947	-0,153387	-0,152534	19,980592	19,980592	19,980592	19,980592	19,980592	19,980592
3,1623	-0,204920	-0,209287	-0,211574	-0,206063	-0,213323	-0,211803	19,980592	19,980591	19,980591	19,980591	19,980591	19,980591
3,9811	-0,310254	-0,317499	-0,320589	-0,312059	-0,323680	-0,321130	19,980592	19,980592	19,980592	19,980591	19,980592	19,980591
5,0120	-0,477230	-0,489090	-0,493248	-0,480035	-0,498493	-0,494250	19,980592	19,980592	19,980592	19,980592	19,980592	19,980592
6,3097	-0,735553	-0,754468	-0,759847	-0,739986	-0,768818	-0,761707	19,980592	19,980592	19,980592	19,980592	19,980592	19,980592
7,9430	-1,147508	-1,176595	-1,183089	-1,154595	-1,198349	-1,186471	19,980590	19,980590	19,980590	19,980590	19,980590	19,980590
10,0000	-2,071510	-2,005469	-2,014267	-2,098639	-2,049527	-2,027778	19,979621	19,980095	19,980017	19,979544	19,979972	19,979969
12,5890	-2,822531	-2,880716	-2,883270	-2,841056	-2,928431	-2,894597	19,980591	19,980591	19,980591	19,980591	19,980591	19,980591
15,8490	-4,493495	-4,564381	-4,553564	-4,523593	-4,632284	-4,574369	19,980592	19,980592	19,980592	19,980591	19,980592	19,980592
19,9530	-7,134247	-7,205409	-7,162078	-7,182622	-7,297770	-7,199293	19,980584	19,980582	19,980582	19,980584	19,980582	19,980582
25,1190	-11,458220	-11,505669	-11,399434	-11,532557	-11,623036	-11,460897	19,980591	19,980591	19,980591	19,980591	19,980591	19,980591
31,6230	-18,647594	-18,649069	-18,447068	-18,753069	-18,785238	-18,536697	19,980592	19,980591	19,980592	19,980592	19,980592	19,980591
39,8110	-31,175364	-31,133091	-30,822076	-31,310009	-31,274815	-30,930957	19,980585	19,980584	19,980585	19,980586	19,980583	19,980585
50,1200	-82,838881	-83,155036	-82,494488	-82,935164	-83,119394	-82,571624	19,981001	19,981244	19,981231	19,981119	19,981207	19,981376
63,0970	-62,676251	-62,560888	-62,074162	-62,826411	-62,720649	-62,207045	19,980568	19,980605	19,980622	19,980589	19,980612	19,980612
79,4300	-56,744617	-56,678538	-56,124362	-56,951254	-56,798019	-56,205809	19,980578	19,980572	19,980567	19,980570	19,980574	19,980561
100,0000	-89,120423	-89,902824	-91,232627	-88,654384	-91,103903	-90,877003	19,984928	19,985780	19,985607	19,987238	19,985929	19,985195
125,8900	-95,954672	-93,551926	-93,619458	-96,274753	-94,427436	-93,014356	19,981127	19,982615	19,982620	19,981913	19,982027	19,982703
158,4900	-121,958635	-107,050349	-112,090623	-125,907130	-108,886885	-105,340554	19,980858	19,980958	19,980816	19,980770	19,980407	19,980750
199,5300	-97,215709	-105,480295	-103,419982	-97,479848	-106,228405	-99,964166	19,982077	19,980846	19,980909	19,982130	19,980908	19,981395
251,1900	-113,840912	-116,206622	-134,251958	-112,399220	-115,288575	-112,826887	19,981029	19,980970	19,980933	19,981093	19,981038	19,980937
316,2300	-108,711965	-130,789026	-110,548049	-108,222525	-115,509775	-119,590449	19,980574	19,980531	19,981178	19,980786	19,980961	19,980904
398,1100	-110,846635	-121,312164	-113,951890	-112,146240	-136,536868	-114,108425	19,981038	19,980984	19,980982	19,981001	19,981005	19,981100
501,2000	-115,767726	-118,379201	-109,885876	-107,597577	-121,768135	-105,742395	19,980972	19,981035	19,981114	19,981083	19,980901	19,981059
630,9700	-112,180301	-112,668972	-114,967462	-115,617571	-124,003502	-118,347134	19,980902	19,981000	19,981026	19,981010	19,980902	19,981005
794,3000	-113,774539	-118,004610	-114,422938	-107,181486	-113,364323	-121,690690	19,980980	19,980961	19,980965	19,980997	19,981043	19,981042
1000,0000	-113,035224	-110,465569	-111,499425	-117,421946	-105,649350	-110,230151	19,980947	19,981012	19,981093	19,981048	19,981051	19,981054



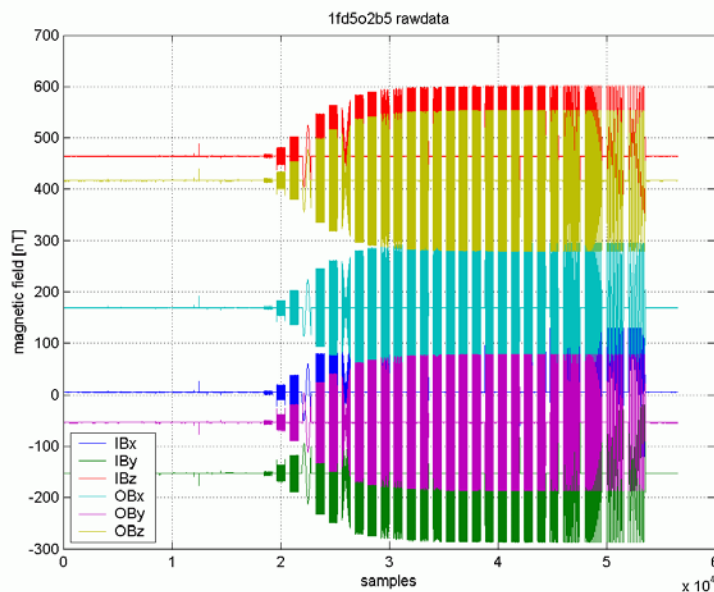


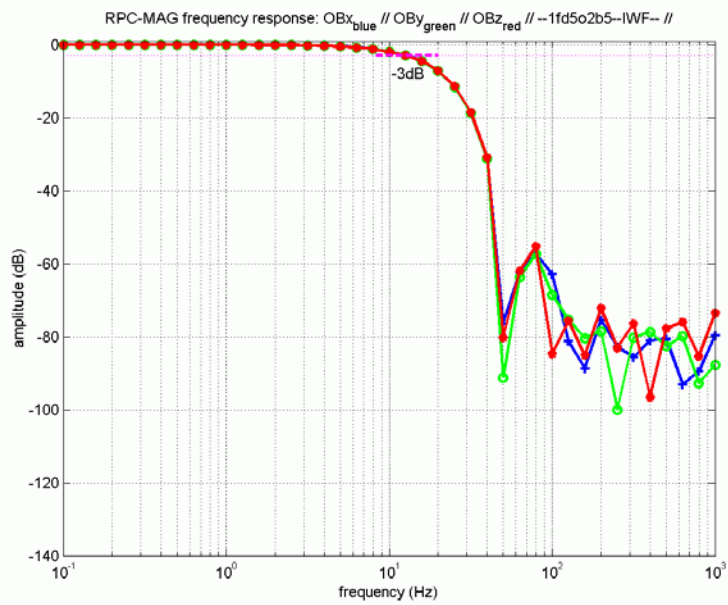
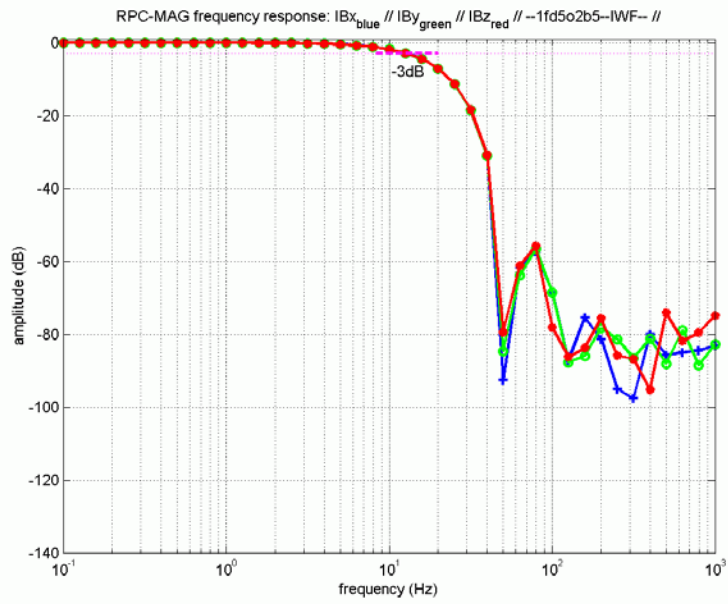
Space Research Institute Department of Experimental Space Research Austrian Academy of Sciences Schmiedlstraße 6 8042 Graz - Messendorf Austria	Project: Rosetta – RPC-MAG Sample Rate and Frequency Response Analysis RO-IWF-TR0001	Document: IWF 2002/01 Filename: RPC-MAG Author: hue@oeaw.ac.at Revision: January 2002 Date: 23.01.2002 Page: 40
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4.4.10 1fd5o2b5

Number // CCD-File // Annotation // IWF-Name
 --16-- // 01-04-25 21-52-20 // fd_1 FS-Sensor FS-DPU // 1fd5o2b5

File: 1fd5o2b5												
Frequency (Hz)	IBx (dB)	IBy (dB)	IBz (dB)	OBx (dB)	OBy (dB)	OBz (dB)	IBx_fs (Hz)	IBy_fs (Hz)	IBz_fs (Hz)	OBx_fs (Hz)	OBy_fs (Hz)	OBz_fs (Hz)
0,1000	0,000000	0,000000	0,000000	0,000000	0,000000	0,000000	19,980631	19,980580	19,980511	19,980470	19,980495	19,980402
0,1259	-0,000318	-0,000880	-0,001056	-0,002173	-0,001128	-0,001626	19,980733	19,980541	19,980728	19,980705	19,980633	19,980748
0,1585	-0,001592	-0,002300	-0,003251	-0,003598	-0,001819	-0,003123	19,980587	19,980638	19,980508	19,980568	19,980567	19,980487
0,1995	-0,004063	-0,004794	-0,005138	-0,004131	-0,005197	-0,005756	19,980669	19,980547	19,980700	19,980476	19,980603	19,980760
0,2512	-0,006344	-0,004898	-0,005726	-0,005549	-0,004389	-0,006486	19,980620	19,980639	19,980536	19,980512	19,980659	19,980674
0,3162	-0,005691	-0,007674	-0,009734	-0,006330	-0,008057	-0,009276	19,980616	19,980528	19,980540	19,980736	19,980449	19,980564
0,3981	-0,008900	-0,008352	-0,009129	-0,009949	-0,009116	-0,008572	19,980447	19,980491	19,980556	19,980428	19,980545	19,980548
0,5012	-0,009106	-0,012577	-0,015124	-0,011410	-0,012053	-0,014862	19,980563	19,980606	19,980739	19,980588	19,980587	19,980745
0,6310	-0,014077	-0,016291	-0,018419	-0,015348	-0,016091	-0,018919	19,980591	19,980594	19,980608	19,980554	19,980577	19,980597
0,7943	-0,020219	-0,021063	-0,023219	-0,020658	-0,021173	-0,023167	19,980553	19,980554	19,980604	19,980577	19,980574	19,980558
1,0000	-0,028297	-0,030078	-0,032438	-0,029406	-0,029300	-0,032524	19,980585	19,980602	19,980587	19,980585	19,980594	19,980581
1,2589	-0,041012	-0,042493	-0,043898	-0,041605	-0,042923	-0,043852	19,980587	19,980583	19,980563	19,980592	19,980588	19,980568
1,5849	-0,058862	-0,061797	-0,062320	-0,059534	-0,062338	-0,062356	19,980598	19,980606	19,980581	19,980592	19,980603	19,980578
1,9953	-0,085684	-0,089365	-0,091248	-0,087126	-0,089983	-0,091272	19,980583	19,980601	19,980588	19,980591	19,980597	19,980581
2,5119	-0,129817	-0,133715	-0,135246	-0,130691	-0,136047	-0,135374	19,980595	19,980583	19,980594	19,980606	19,980577	19,980596
3,1623	-0,197314	-0,201816	-0,204006	-0,199892	-0,204689	-0,205281	19,980579	19,980600	19,980588	19,980578	19,980593	19,980586
3,9811	-0,300168	-0,308624	-0,311948	-0,303118	-0,315035	-0,312328	19,980589	19,980583	19,980594	19,980593	19,980584	19,980600
5,0120	-0,463035	-0,477351	-0,479733	-0,466938	-0,485398	-0,482780	19,980581	19,980587	19,980599	19,980580	19,980582	19,980610
6,3097	-0,719576	-0,740486	-0,744963	-0,725446	-0,753734	-0,746614	19,980590	19,980590	19,980588	19,980590	19,980591	19,980585
7,9430	-1,125717	-1,157094	-1,160590	-1,135670	-1,177076	-1,164516	19,980588	19,980590	19,980589	19,980593	19,980590	19,980595
10,0000	-1,939576	-1,874321	-1,928437	-1,968677	-1,932210	-2,004409	19,979851	19,980276	19,980062	19,979787	19,980178	19,980002
12,5890	-2,794552	-2,853192	-2,852655	-2,814573	-2,898775	-2,863872	19,980590	19,980591	19,980587	19,980589	19,980589	19,980591
15,8490	-4,434435	-4,509159	-4,491385	-4,468002	-4,573763	-4,513657	19,980590	19,980591	19,980591	19,980589	19,980589	19,980591
19,9530	-7,094037	-7,152472	-7,107682	-7,148488	-7,247951	-7,151235	19,980673	19,980687	19,980688	19,980672	19,980675	19,980684
25,1190	-11,415091	-11,461618	-11,346113	-11,492227	-11,573352	-11,411763	19,980594	19,980589	19,980590	19,980592	19,980580	19,980597
31,6230	-18,559485	-18,563915	-18,350290	-18,665386	-18,698077	-18,452298	19,980587	19,980596	19,980621	19,980586	19,980591	19,980596
39,8110	-31,169427	-31,072871	-30,749150	-31,301989	-31,244442	-30,900107	19,980566	19,980625	19,980574	19,980610	19,980594	19,980578
50,1200	-92,613199	-84,783420	-79,477722	-76,472178	-91,313084	-80,281431	19,981041	19,981569	19,980608	19,981822	19,984960	19,983333
63,0970	-61,724298	-63,940316	-61,291820	-62,454459	-63,757741	-62,051139	19,980079	19,980721	19,980976	19,979355	19,980018	19,979344
79,4300	-57,382519	-56,669068	-55,832248	-57,196294	-57,474000	-55,313490	19,981567	19,980415	19,981278	19,981476	19,980735	19,981257
100,0000	-68,523776	-68,574944	-78,217007	-63,021024	-68,566883	-84,715305	19,980565	19,980614	19,980902	19,980771	19,982930	19,980692
125,8900	-87,382173	-87,701853	-86,274036	-81,315627	-75,301870	-75,683292	19,980641	19,980423	19,980642	19,980385	19,980727	19,980051
158,4900	-75,412824	-85,970124	-83,809640	-88,719302	-80,456193	-85,088090	19,982185	19,980206	19,980622	19,980881	19,980555	19,980530
199,5300	-81,402837	-78,318558	-75,745385	-75,430720	-78,481419	-72,265796	19,980673	19,981099	19,979547	19,980305	19,980604	19,980292
251,1900	-95,098581	-81,416562	-85,925732	-82,743098	-100,011894	-83,073800	19,980831	19,980841	19,980757	19,980771	19,980904	19,980966
316,2300	-97,622592	-86,548506	-86,877834	-85,626475	-80,231948	-76,512243	19,980436	19,980670	19,980940	19,980457	19,980631	19,980180
398,1100	-80,000132	-81,257951	-95,227532	-80,985186	-78,798803	-96,532993	19,980315	19,980477	19,980574	19,980518	19,980812	19,980582
501,2000	-85,837472	-88,156316	-74,166233	-80,623026	-82,626954	-77,797645	19,980599	19,980609	19,980613	19,980708	19,981147	19,980623
630,9700	-85,073778	-78,844736	-81,892984	-93,145229	-79,902210	-75,969884	19,980072	19,980544	19,980568	19,980613	19,980607	19,980447
794,3000	-84,473008	-88,602294	-79,542183	-89,516010	-92,731802	-85,463784	19,980621	19,980608	19,980598	19,980643	19,980753	19,980662
1000,0000	-83,250185	-82,780100	-74,905157	-79,710031	-87,704596	-73,585393	19,980601	19,980642	19,980608	19,980545	19,980512	19,980634



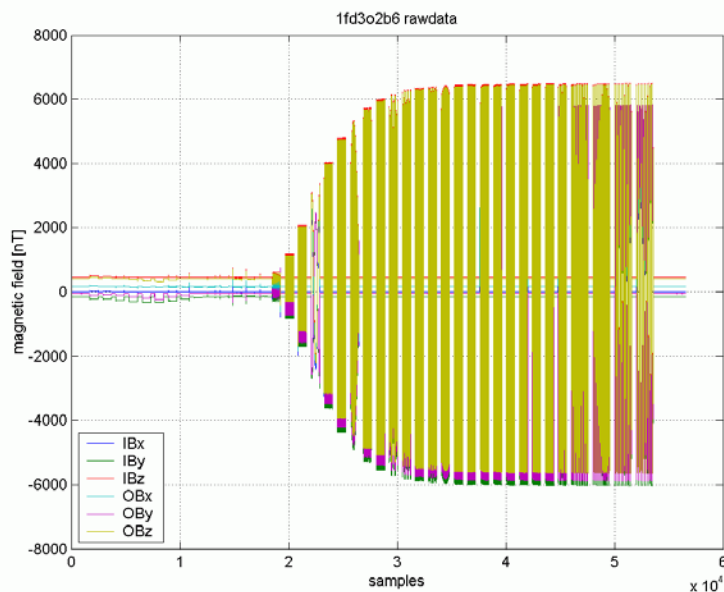


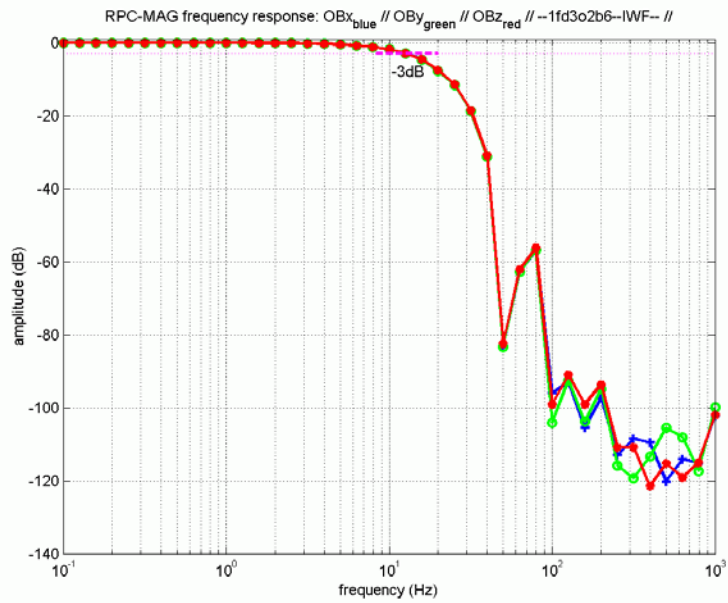
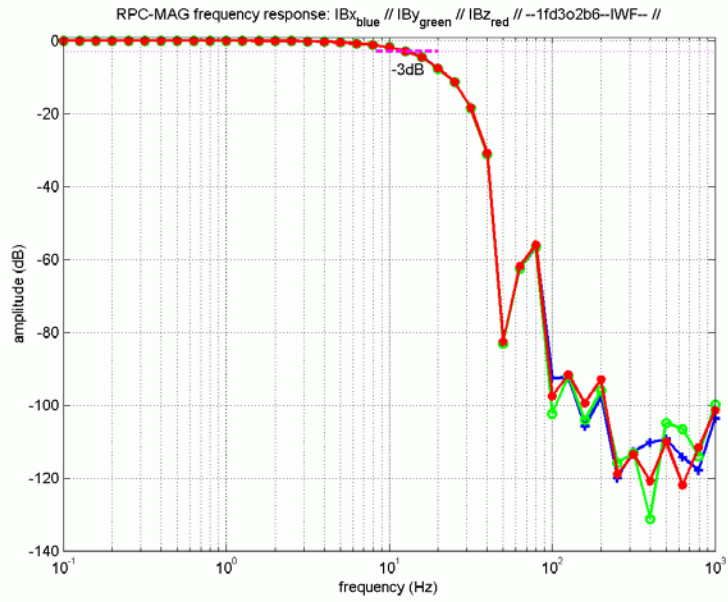
Space Research Institute Department of Experimental Space Research Austrian Academy of Sciences Schmiedlstraße 6 8042 Graz - Messendorf Austria	Project: Rosetta – RPC-MAG Sample Rate and Frequency Response Analysis RO-IWF-TR0001	Document: IWF 2002/01 Filename: RPC-MAG Author: hue@oeaw.ac.at Revision: January 2002 Date: 23.01.2002 Page: 42
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4.4.11 1fd3o2b6

Number // CCD-File // Annotation // IWF-Name
 --17-- // 01-04-25 22-39-41 // fd_h FS-Sensor FS-DPU // 1fd3o2b6

File: 1fd3o2b6												
Frequency (Hz)	IBx (dB)	IBy (dB)	IBz (dB)	OBx (dB)	OBy (dB)	OBz (dB)	IBx_fs (Hz)	IBy_fs (Hz)	IBz_fs (Hz)	OBx_fs (Hz)	OBy_fs (Hz)	OBz_fs (Hz)
0,1000	0,000000	0,000000	0,000000	0,000000	0,000000	0,000000	19,980607	19,980614	19,980619	19,980609	19,980612	19,980618
0,1259	0,007835	0,007854	0,007866	0,007803	0,007852	0,007864	19,980604	19,980605	19,980600	19,980601	19,980602	19,980599
0,1585	-0,017521	-0,017505	-0,017526	-0,017537	-0,017515	-0,017537	19,980666	19,980680	19,980679	19,980673	19,980680	19,980676
0,1995	-0,009680	-0,009650	-0,009704	-0,009719	-0,009682	-0,009693	19,980588	19,980591	19,980590	19,980591	19,980592	19,980590
0,2512	-0,020224	-0,020184	-0,020292	-0,020281	-0,020247	-0,020275	19,980615	19,980617	19,980619	19,980612	19,980613	19,980617
0,3162	-0,003657	-0,003590	-0,003746	-0,003691	-0,003680	-0,003716	19,980582	19,980583	19,980583	19,980582	19,980583	19,980583
0,3981	-0,027240	-0,027205	-0,027415	-0,027327	-0,027345	-0,027358	19,980616	19,980616	19,980615	19,980616	19,980616	19,980617
0,5012	-0,032323	-0,032299	-0,032637	-0,032423	-0,032479	-0,032561	19,980593	19,980595	19,980592	19,980595	19,980593	19,980594
0,6310	-0,022257	-0,022253	-0,022601	-0,022373	-0,022495	-0,022549	19,980598	19,980600	19,980599	19,980599	19,980600	19,980600
0,7943	-0,043529	-0,043597	-0,044091	-0,043663	-0,043960	-0,044005	19,980586	19,980586	19,980586	19,980585	19,980587	19,980586
1,0000	-0,037202	-0,037360	-0,037967	-0,037375	-0,037885	-0,037877	19,980593	19,980593	19,980593	19,980593	19,980593	19,980593
1,2589	-0,032483	-0,032842	-0,033641	-0,032737	-0,033639	-0,033540	19,980596	19,980596	19,980594	19,980596	19,980596	19,980594
1,5849	-0,068257	-0,068992	-0,069986	-0,068595	-0,070167	-0,069934	19,980592	19,980592	19,980592	19,980592	19,980592	19,980592
1,9953	-0,101559	-0,103007	-0,104316	-0,102081	-0,104761	-0,104303	19,980591	19,980591	19,980590	19,980590	19,980591	19,980591
2,5119	-0,143164	-0,145663	-0,147373	-0,143922	-0,148324	-0,147451	19,980593	19,980593	19,980593	19,980593	19,980592	19,980593
3,1623	-0,202608	-0,206923	-0,209206	-0,203762	-0,210971	-0,209466	19,980591	19,980592	19,980592	19,980591	19,980592	19,980592
3,9811	-0,294650	-0,301838	-0,304939	-0,296435	-0,308006	-0,305473	19,980591	19,980591	19,980591	19,980591	19,980591	19,980591
5,0120	-0,470039	-0,481845	-0,485972	-0,472862	-0,491299	-0,486998	19,980590	19,980591	19,980591	19,980591	19,980591	19,980591
6,3097	-0,732315	-0,751162	-0,756560	-0,736792	-0,765522	-0,758415	19,980592	19,980592	19,980592	19,980592	19,980592	19,980592
7,9430	-1,132368	-1,161411	-1,167875	-1,139460	-1,183147	-1,171264	19,980590	19,980589	19,980590	19,980590	19,980590	19,980590
10,0000	-1,796126	-1,839174	-1,845123	-1,807363	-1,871171	-1,851131	19,980588	19,980588	19,980586	19,980587	19,980585	19,980585
12,5890	-2,818473	-2,876627	-2,879109	-2,836984	-2,924369	-2,890425	19,980591	19,980591	19,980591	19,980591	19,980591	19,980591
15,8490	-4,480813	-4,551695	-4,540867	-4,510996	-4,619627	-4,561705	19,980591	19,980591	19,980591	19,980591	19,980591	19,980591
19,9530	-7,594987	-7,685867	-7,596632	-7,605102	-7,753353	-7,574948	19,983090	19,983051	19,982831	19,982921	19,982940	19,982553
25,1190	-11,449765	-11,497292	-11,390956	-11,524228	-11,614557	-11,452486	19,980591	19,980591	19,980591	19,980591	19,980591	19,980591
31,6230	-18,592204	-18,593738	-18,391680	-18,698225	-18,729863	-18,481386	19,980590	19,980590	19,980590	19,980590	19,980590	19,980590
39,8110	-31,172580	-31,125606	-30,813864	-31,311367	-31,268080	-30,924506	19,980703	19,980710	19,980710	19,980710	19,980710	19,980711
50,1200	-83,040409	-83,184111	-82,594759	-83,322844	-83,363761	-82,475557	19,980673	19,979133	19,981985	19,979075	19,979048	19,981054
63,0970	-62,596632	-62,571447	-62,069234	-62,826447	-62,714246	-62,170602	19,980611	19,980551	19,980569	19,980609	19,980554	19,980560
79,4300	-56,736760	-56,673033	-56,125766	-56,960115	-56,791030	-56,195138	19,980594	19,980571	19,980579	19,980597	19,980575	19,980581
100,0000	-92,592423	-102,357239	-97,548098	-96,065545	-104,173089	-99,050702	19,979851	19,980927	19,980566	19,980618	19,980868	19,980730
125,8900	-92,421014	-91,985316	-91,658944	-92,981999	-92,530479	-91,008672	19,980668	19,980623	19,980764	19,980476	19,980995	19,980660
158,4900	-105,921822	-104,137146	-99,430325	-105,497532	-103,781416	-99,060387	19,980923	19,980624	19,980617	19,980798	19,979953	19,980195
199,5300	-97,954197	-96,105888	-92,941771	-97,445139	-94,912378	-93,694393	19,980550	19,981059	19,979899	19,980558	19,980944	19,980618
251,1900	-120,008829	-115,934412	-118,908024	-113,016000	-115,779713	-110,855074	19,981182	19,980878	19,981323	19,981289	19,980970	19,981222
316,2300	-112,773593	-113,180993	-113,503697	-108,489107	-119,348926	-110,857081	19,980811	19,980957	19,980894	19,981032	19,981517	19,980887
398,1100	-110,299560	-131,206351	-120,854731	-109,582242	-113,443113	-121,503341	19,980825	19,981020	19,980825	19,980945	19,980943	19,980802
501,2000	-109,383322	-104,826113	-110,102932	-120,189464	-105,527519	-115,301801	19,980806	19,981030	19,981063	19,980882	19,981961	19,980866
630,9700	-114,312784	-106,587172	-121,949443	-114,068539	-108,152554	-119,052078	19,980917	19,980935	19,981080	19,980971	19,980928	19,980937
794,3000	-117,983396	-114,088338	-111,561558	-115,196073	-117,305469	-115,083447	19,980937	19,980990	19,981217	19,980976	19,980958	19,981110
1000,0000	-103,730649	-99,868783	-101,484449	-102,244876	-99,930998	-102,073755	19,980955	19,980935	19,980986	19,980919	19,980995	19,980983



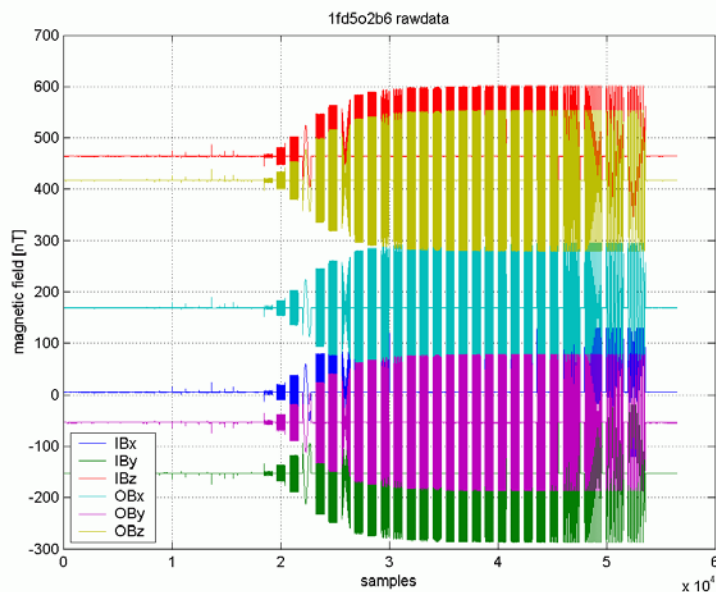


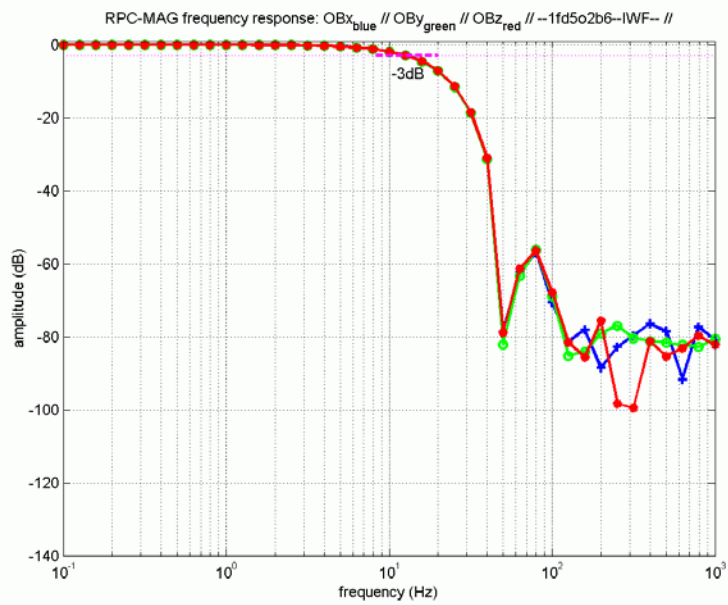
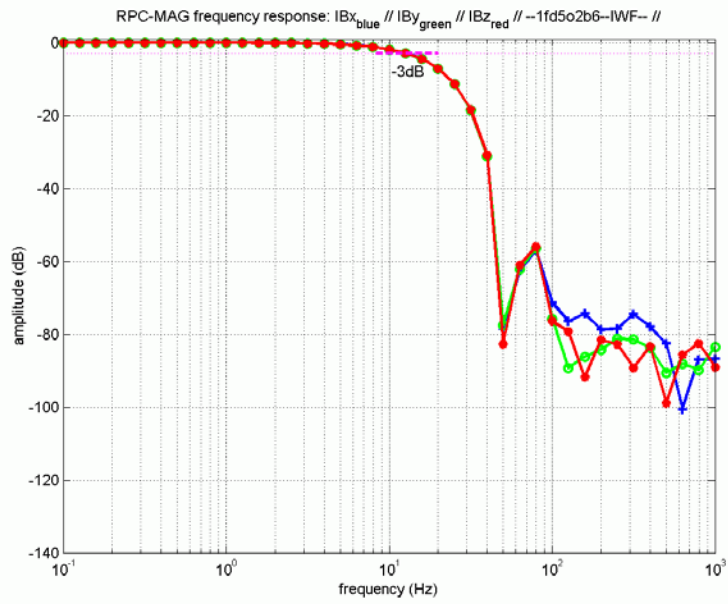
Space Research Institute Department of Experimental Space Research Austrian Academy of Sciences Schmiedlstraße 6 8042 Graz - Messendorf Austria	Project: Rosetta – RPC-MAG Sample Rate and Frequency Response Analysis RO-IWF-TR0001	Document: IWF 2002/01 Filename: RPC-MAG Author: hue@oeaw.ac.at Revision: January 2002 Date: 23.01.2002 Page: 44
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4.4.12 1fd5o2b6

Number // CCD-File // Annotation // IWF-Name
 --18-- // 01-04-25 23-27-01 // fd_1 FS-Sensor FS-DPU // 1fd5o2b6

File: 1fd5o2b6												
Frequency (Hz)	IBx (dB)	IBy (dB)	IBz (dB)	OBx (dB)	OBy (dB)	OBz (dB)	IBx_fs (Hz)	IBy_fs (Hz)	IBz_fs (Hz)	OBx_fs (Hz)	OBy_fs (Hz)	OBz_fs (Hz)
0,1000	0,000000	0,000000	0,000000	0,000000	0,000000	0,000000	19,980621	19,980821	19,980649	19,980516	19,980674	19,980548
0,1259	-0,002223	-0,002027	-0,003549	-0,000617	-0,000821	-0,003463	19,981057	19,980659	19,980655	19,980716	19,980658	19,980445
0,1585	-0,004533	-0,003797	-0,004964	-0,003404	-0,003804	-0,004282	19,980642	19,980902	19,980611	19,980381	19,980723	19,980826
0,1995	-0,003392	-0,006081	-0,006191	-0,004750	-0,005222	-0,005793	19,980647	19,980558	19,980538	19,980568	19,980570	19,980507
0,2512	-0,004915	-0,008092	-0,007560	-0,006200	-0,006055	-0,005928	19,980340	19,980694	19,980448	19,980553	19,980838	19,980227
0,3162	-0,007178	-0,009960	-0,010106	-0,009053	-0,009175	-0,009796	19,980471	19,980622	19,980582	19,980504	19,980527	19,980609
0,3981	-0,010896	-0,012079	-0,011256	-0,011407	-0,011716	-0,011131	19,980654	19,980651	19,980603	19,980628	19,980636	19,980525
0,5012	-0,011673	-0,016346	-0,014937	-0,012957	-0,015197	-0,013435	19,980580	19,980543	19,980574	19,980643	19,980553	19,980581
0,6310	-0,016828	-0,019564	-0,019439	-0,017734	-0,017545	-0,018348	19,980541	19,980575	19,980575	19,980572	19,980605	19,980571
0,7943	-0,023239	-0,025000	-0,023945	-0,025177	-0,024035	-0,023197	19,980637	19,980531	19,980691	19,980654	19,980544	19,980545
1,0000	-0,030944	-0,033239	-0,034331	-0,031474	-0,031728	-0,033131	19,980600	19,980602	19,980552	19,980509	19,980631	19,980585
1,2589	-0,042463	-0,045730	-0,045422	-0,044609	-0,044943	-0,045351	19,980569	19,980581	19,980577	19,980570	19,980613	19,980603
1,5849	-0,059656	-0,064630	-0,064795	-0,061599	-0,063591	-0,064516	19,980586	19,980578	19,980616	19,980585	19,980588	19,980623
1,9953	-0,088892	-0,092435	-0,094078	-0,090340	-0,093082	-0,092587	19,980601	19,980584	19,980591	19,980601	19,980583	19,980593
2,5119	-0,130220	-0,136720	-0,136908	-0,132193	-0,137448	-0,136902	19,980588	19,980588	19,980597	19,980594	19,980590	19,980587
3,1623	-0,197522	-0,204775	-0,207268	-0,200323	-0,208580	-0,206769	19,980591	19,980583	19,980582	19,980598	19,980588	19,980587
3,9811	-0,302624	-0,312775	-0,314288	-0,305396	-0,316522	-0,314182	19,980594	19,980584	19,980593	19,980587	19,980581	19,980591
5,0120	-0,465619	-0,480324	-0,483385	-0,469585	-0,487870	-0,483659	19,980586	19,980593	19,980589	19,980587	19,980591	19,980594
6,3097	-0,723028	-0,746159	-0,748324	-0,730152	-0,758627	-0,750102	19,980592	19,980588	19,980590	19,980590	19,980588	19,980588
7,9430	-1,129465	-1,161332	-1,165110	-1,139472	-1,181022	-1,168841	19,980583	19,980598	19,980587	19,980588	19,980592	19,980590
10,0000	-1,939704	-1,905010	-1,917590	-1,973721	-1,941060	-1,945294	19,979887	19,980204	19,980167	19,979812	19,980183	19,980103
12,5890	-2,796327	-2,859037	-2,857365	-2,819843	-2,903560	-2,868297	19,980588	19,980588	19,980590	19,980589	19,980589	19,980592
15,8490	-4,438852	-4,515787	-4,498105	-4,473939	-4,579858	-4,518526	19,980591	19,980590	19,980588	19,980591	19,980591	19,980587
19,9530	-7,081750	-7,162483	-7,111676	-7,139545	-7,248522	-7,148482	19,980634	19,980622	19,980633	19,980634	19,980626	19,980627
25,1190	-11,411916	-11,465747	-11,357787	-11,493978	-11,577787	-11,415538	19,980593	19,980594	19,980602	19,980614	19,980600	19,980601
31,6230	-18,567441	-18,573234	-18,363161	-18,677354	-18,703117	-18,449740	19,980598	19,980586	19,980591	19,980589	19,980588	19,980587
39,8110	-31,163870	-31,138077	-30,814052	-31,246286	-31,323680	-30,952731	19,980593	19,980547	19,980587	19,980632	19,980556	19,980617
50,1200	-78,564500	-77,625392	-82,719388	-78,645218	-82,146557	-78,866601	19,989858	19,982362	19,978168	19,984500	19,988163	19,981716
63,0970	-62,636819	-62,115652	-61,131356	-62,456145	-63,290460	-61,360767	19,981234	19,980945	19,981550	19,980598	19,979985	19,980696
79,4300	-57,051847	-56,508778	-56,007485	-56,967829	-56,316508	-56,458269	19,980450	19,980797	19,980874	19,980583	19,980733	19,980822
100,0000	-71,377620	-75,786703	-76,393034	-70,716188	-68,859024	-67,941174	19,978687	19,980574	19,980517	19,980598	19,984014	19,984247
125,8900	-76,487450	-89,320647	-79,239002	-81,360576	-85,238869	-81,522896	19,980612	19,980102	19,980822	19,980352	19,980549	19,980542
158,4900	-74,327723	-86,166056	-91,820731	-78,087449	-84,035023	-85,594205	19,979984	19,980612	19,981152	19,981470	19,979745	19,980803
199,5300	-78,818924	-84,224153	-81,595911	-88,589706	-79,063870	-75,680414	19,980559	19,980709	19,980767	19,980531	19,979976	19,980577
251,1900	-78,498168	-81,235795	-82,864188	-82,861175	-79,620261	-98,403456	19,980841	19,980705	19,980288	19,980570	19,980743	19,980780
316,2300	-74,501550	-81,489636	-89,242315	-79,601158	-80,451322	-99,526521	19,980478	19,980729	19,980931	19,980576	19,980239	19,980658
398,1100	-77,922753	-83,701311	-83,362282	-76,471544	-81,143536	-81,263618	19,980644	19,980248	19,980548	19,980564	19,980389	19,980655
501,2000	-82,568662	-90,692367	-98,980320	-78,451569	-81,563374	-85,438828	19,980864	19,980573	19,980600	19,980242	19,980454	19,980412
630,9700	-100,588033	-88,083019	-85,701920	-91,756229	-82,274857	-83,078757	19,981324	19,980717	19,980605	19,980720	19,980613	19,980897
794,3000	-87,003149	-89,896125	-82,508822	-77,385904	-82,774039	-79,760614	19,980631	19,980577	19,980702	19,980576	19,980792	19,980765
1000,0000	-86,844857	-83,483469	-89,079473	-81,096636	-80,651863	-82,255517	19,980613	19,980624	19,980610	19,980639	19,980636	19,980676



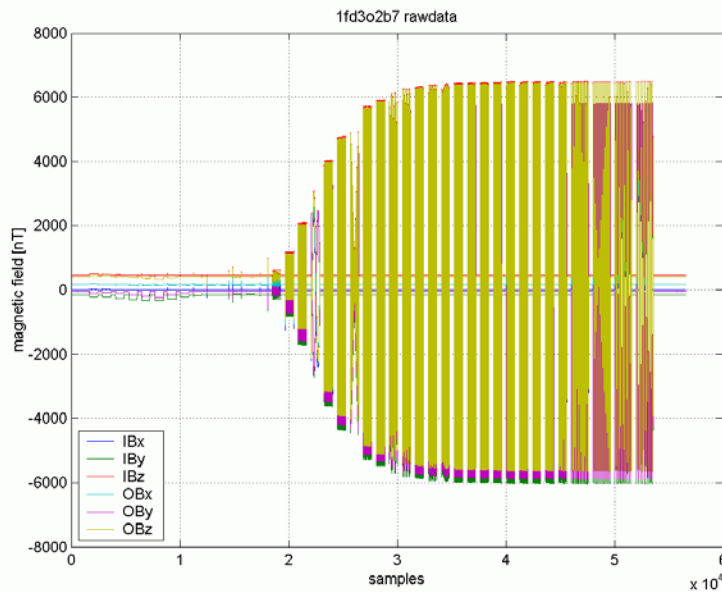


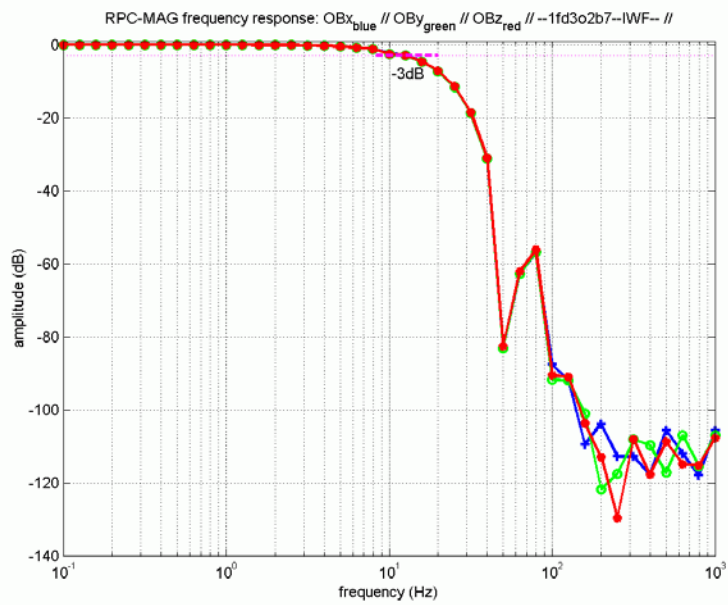
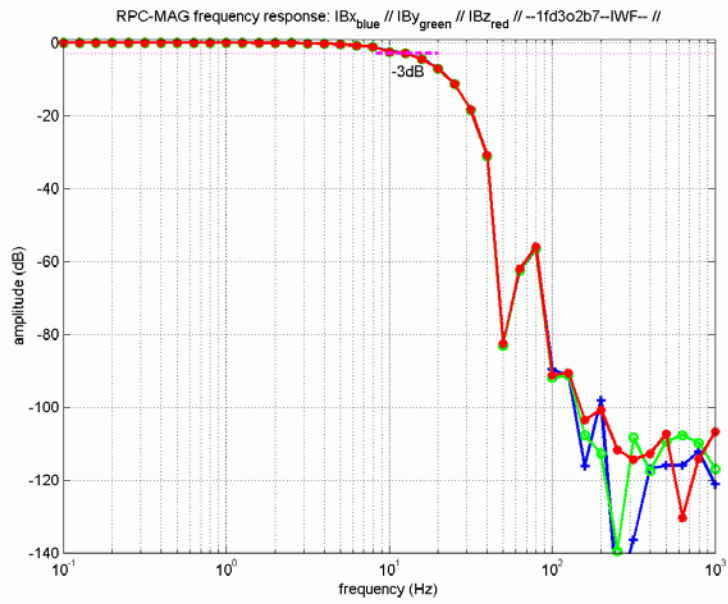
4.4.13 1fd3o2b7

Number // CCD-File // Annotation // IWF-Name
 --19-- // 01-04-26 00-14-21 // fd_h FS-Sensor FS-DPU // 1fd3o2b7

File: 1fd3o2b7

Frequency (Hz)	IBx (dB)	IBy (dB)	IBz (dB)	OBx (dB)	OBy (dB)	OBz (dB)	IBx_fs (Hz)	IBy_fs (Hz)	IBz_fs (Hz)	OBx_fs (Hz)	OBy_fs (Hz)	OBz_fs (Hz)
0,1000	0,000000	0,000000	0,000000	0,000000	0,000000	0,000000	19,980579	19,980578	19,980580	19,980576	19,980577	19,980579
0,1259	-0,006758	-0,006753	-0,006771	-0,006788	-0,006776	-0,006729	19,980638	19,980647	19,980643	19,980641	19,980646	19,980643
0,1585	-0,016604	-0,016551	-0,016603	-0,016604	-0,016573	-0,016564	19,980639	19,980637	19,980638	19,980638	19,980637	19,980639
0,1995	-0,009397	-0,009334	-0,009474	-0,009410	-0,009379	-0,009403	19,980606	19,980611	19,980610	19,980609	19,980611	19,980611
0,2512	-0,036555	-0,036560	-0,036691	-0,036645	-0,036606	-0,036642	19,980518	19,980524	19,980522	19,980523	19,980521	19,980520
0,3162	-0,027517	-0,027480	-0,027643	-0,027569	-0,027534	-0,027574	19,980586	19,980587	19,980586	19,980586	19,980584	19,980583
0,3981	-0,022201	-0,022175	-0,022393	-0,022303	-0,022278	-0,022319	19,980577	19,980574	19,980577	19,980577	19,980574	19,980578
0,5012	-0,024490	-0,024464	-0,024758	-0,024576	-0,024599	-0,024655	19,980573	19,980572	19,980573	19,980574	19,980571	19,980574
0,6310	-0,019042	-0,019034	-0,019432	-0,019156	-0,019288	-0,019318	19,980585	19,980584	19,980584	19,980585	19,980583	19,980584
0,7943	-0,034832	-0,034860	-0,035407	-0,034948	-0,035236	-0,035281	19,980592	19,980590	19,980589	19,980591	19,980590	19,980590
1,0000	-0,039390	-0,039530	-0,040196	-0,039542	-0,040051	-0,040077	19,980593	19,980593	19,980592	19,980592	19,980593	19,980593
1,2589	-0,056473	-0,056865	-0,057680	-0,056866	-0,057643	-0,057569	19,980588	19,980589	19,980588	19,980587	19,980588	19,980588
1,5849	-0,077751	-0,078487	-0,079516	-0,078090	-0,079642	-0,079437	19,980589	19,980589	19,980590	19,980588	19,980589	19,980590
1,9953	-0,105693	-0,107085	-0,108417	-0,106175	-0,108809	-0,108375	19,980586	19,980586	19,980587	19,980586	19,980586	19,980586
2,5119	-0,143639	-0,146138	-0,147883	-0,144389	-0,148778	-0,147934	19,980591	19,980591	19,980591	19,980591	19,980591	19,980591
3,1623	-0,234151	-0,238422	-0,240762	-0,235294	-0,242454	-0,240985	19,980591	19,980590	19,980590	19,980590	19,980590	19,980590
3,9811	-0,315630	-0,322854	-0,325979	-0,317418	-0,329008	-0,326508	19,980590	19,980591	19,980591	19,980590	19,980590	19,980591
5,0120	-0,501320	-0,513122	-0,517313	-0,504130	-0,522540	-0,518301	19,980591	19,980590	19,980591	19,980591	19,980591	19,980591
6,3097	-0,772195	-0,791042	-0,796461	-0,776648	-0,805379	-0,798273	19,980591	19,980591	19,980591	19,980591	19,980591	19,980591
7,9430	-1,162241	-1,191290	-1,197796	-1,169347	-1,212990	-1,201120	19,980589	19,980589	19,980589	19,980589	19,980589	19,980589
10,0000	-2,433751	-2,539034	-2,566007	-2,421896	-2,625396	-2,600150	19,978150	19,977903	19,977821	19,977821	19,977839	19,977718
12,5890	-2,863761	-2,921881	-2,924403	-2,882318	-2,969577	-2,935687	19,980590	19,980590	19,980590	19,980590	19,980590	19,980590
15,8490	-4,500878	-4,571792	-4,560958	-4,531114	-4,639643	-4,581727	19,980590	19,980590	19,980590	19,980590	19,980590	19,980590
19,9530	-7,135529	-7,208759	-7,165420	-7,183626	-7,300770	-7,202270	19,980655	19,980655	19,980655	19,980655	19,980655	19,980655
25,1190	-11,450198	-11,497658	-11,391326	-11,524628	-11,614958	-11,452801	19,980589	19,980589	19,980589	19,980589	19,980589	19,980589
31,6230	-18,615819	-18,616995	-18,415071	-18,721489	-18,753255	-18,504813	19,980589	19,980589	19,980589	19,980589	19,980589	19,980589
39,8110	-31,206089	-31,165311	-30,853900	-31,343169	-31,307932	-30,963720	19,980581	19,980585	19,980586	19,980580	19,980585	19,980587
50,1200	-83,038629	-83,097737	-82,573343	-83,247033	-83,206671	-82,597995	19,981252	19,981268	19,981023	19,981334	19,981230	19,981071
63,0970	-62,664226	-62,591074	-62,140748	-62,841189	-62,725130	-62,270060	19,980587	19,980610	19,980612	19,980553	19,980639	19,980595
79,4300	-56,738616	-56,643115	-56,101642	-56,942628	-56,763765	-56,176593	19,980588	19,980587	19,980637	19,980620	19,980581	19,980580
100,0000	-89,752466	-91,968524	-91,297382	-87,589947	-91,733471	-90,512058	19,981158	19,981516	19,981597	19,983551	19,981856	19,981374
125,8900	-91,408303	-91,241868	-90,625363	-91,862167	-92,021981	-91,021498	19,980445	19,980538	19,980631	19,980788	19,980646	19,980859
158,4900	-116,179169	-107,871487	-103,580074	-109,595561	-101,079140	-103,694449	19,980462	19,980261	19,980473	19,980261	19,980346	19,980377
199,5300	-98,095109	-112,825882	-100,837732	-103,859316	-121,733241	-112,940787	19,980239	19,979766	19,979463	19,980460	19,979415	19,980487
251,1900	-152,606165	-139,459139	-111,772657	-112,815412	-117,562674	-129,711241	19,980668	19,980602	19,980767	19,980707	19,980397	19,980748
316,2300	-136,521268	-108,357409	-114,426518	-112,850498	-108,245369	-108,129830	19,980293	19,980532	19,980513	19,980633	19,980430	19,980099
398,1100	-116,983537	-117,566023	-112,783103	-117,748807	-109,739330	-117,808591	19,980655	19,980501	19,981094	19,980665	19,980555	19,980626
501,2000	-116,021365	-109,479241	-107,353946	-105,615814	-117,239379	-108,765524	19,980556	19,980344	19,980884	19,980621	19,980607	19,980598
630,9700	-115,990493	-107,690455	-130,520196	-112,057286	-106,941678	-114,948193	19,980679	19,980654	19,980401	19,980598	19,980553	19,980451
794,3000	-112,268056	-109,829786	-114,367138	-118,027665	-115,392006	-115,272133	19,980505	19,980649	19,980485	19,980899	19,980608	19,980880
1000,0000	-121,215554	-117,054246	-106,793721	-105,679892	-107,030113	-107,789502	19,980676	19,980585	19,980631	19,980523	19,980519	19,980613



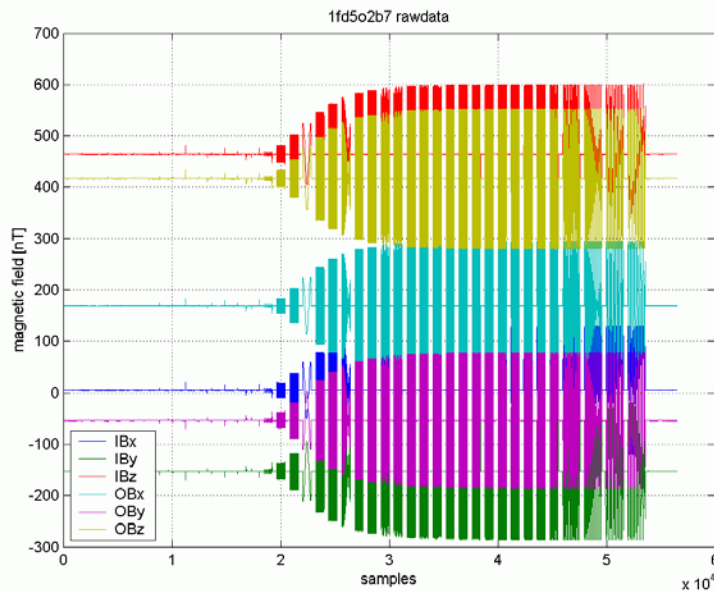


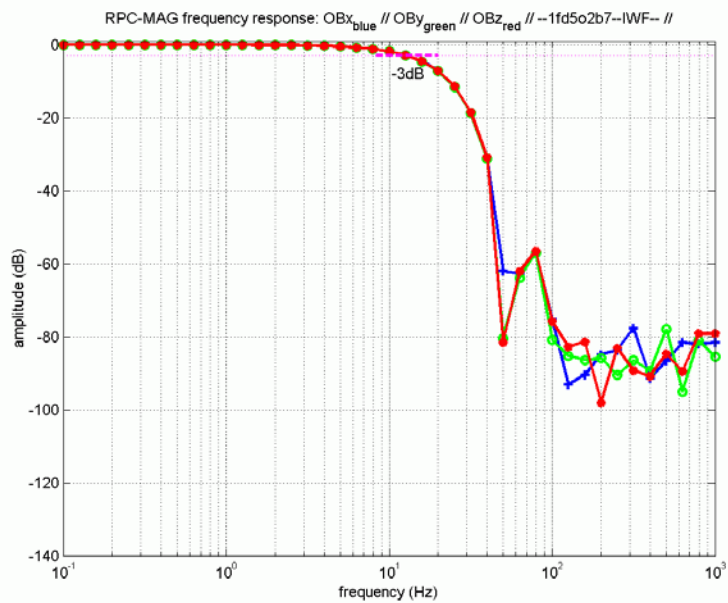
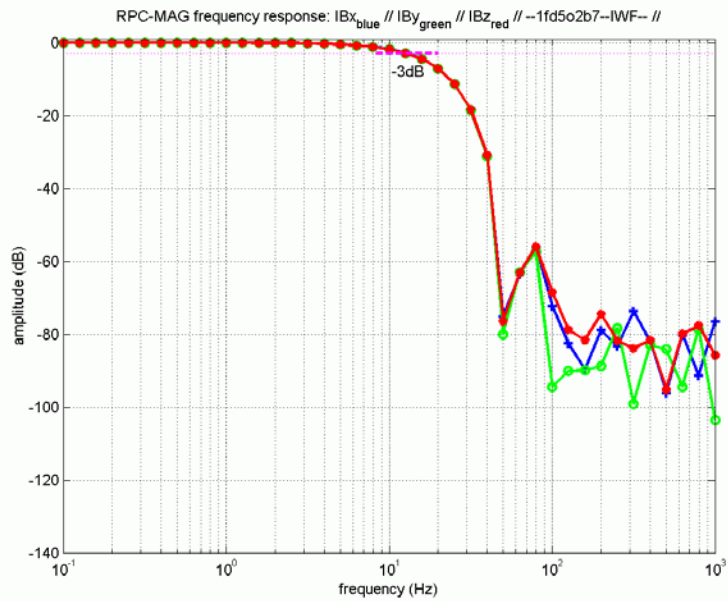
Space Research Institute Department of Experimental Space Research Austrian Academy of Sciences Schmiedlstraße 6 8042 Graz - Messendorf Austria	Project: Rosetta – RPC-MAG Sample Rate and Frequency Response Analysis RO-IWF-TR0001	Document: IWF 2002/01 Filename: RPC-MAG Author: hue@oeaw.ac.at Revision: January 2002 Date: 23.01.2002 Page: 48
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4.4.14 1fd5o2b7

Number // CCD-File // Annotation // IWF-Name
 --20-- // 01-04-26 01-01-41 // fd_1 FS-Sensor FS-DPU // 1fd5o2b7

File: 1fd5o2b7												
Frequency (Hz)	IBx (dB)	IBy (dB)	IBz (dB)	OBx (dB)	OBy (dB)	OBz (dB)	IBx_fs (Hz)	IBy_fs (Hz)	IBz_fs (Hz)	OBx_fs (Hz)	OBy_fs (Hz)	OBz_fs (Hz)
0,1000	0,000000	0,000000	0,000000	0,000000	0,000000	0,000000	19,980803	19,980511	19,980771	19,980969	19,980703	19,980838
0,1259	-0,003752	-0,000945	-0,002415	-0,003162	-0,002368	-0,001845	19,980647	19,980616	19,980619	19,980681	19,980558	19,980615
0,1585	-0,003833	-0,004329	-0,004435	-0,004780	-0,005706	-0,005057	19,980598	19,980555	19,980550	19,980553	19,980618	19,980536
0,1995	-0,008753	-0,006896	-0,007410	-0,008474	-0,008381	-0,007335	19,980473	19,980553	19,980567	19,980583	19,980604	19,980588
0,2512	-0,011494	-0,008426	-0,009425	-0,009038	-0,009603	-0,010724	19,980306	19,980562	19,980730	19,980552	19,980515	19,980652
0,3162	-0,011143	-0,012022	-0,009953	-0,012913	-0,013419	-0,010691	19,980535	19,980586	19,980606	19,980457	19,980587	19,980583
0,3981	-0,013454	-0,013421	-0,012730	-0,013582	-0,013789	-0,013069	19,980497	19,980651	19,980562	19,980515	19,980529	19,980391
0,5012	-0,015620	-0,016728	-0,015519	-0,016440	-0,018368	-0,015848	19,980547	19,980583	19,980477	19,980523	19,980506	19,980464
0,6310	-0,021761	-0,019744	-0,020395	-0,021100	-0,021133	-0,021410	19,980567	19,980568	19,980615	19,980584	19,980576	19,980646
0,7943	-0,026640	-0,026176	-0,026296	-0,027034	-0,027138	-0,026641	19,980608	19,980580	19,980594	19,980576	19,980580	19,980575
1,0000	-0,034148	-0,033738	-0,036422	-0,035661	-0,034660	-0,036709	19,980592	19,980605	19,980572	19,980622	19,980610	19,980616
1,2589	-0,047709	-0,048348	-0,049102	-0,048673	-0,050544	-0,048820	19,980564	19,980591	19,980581	19,980568	19,980598	19,980591
1,5849	-0,069030	-0,069065	-0,068410	-0,068230	-0,070996	-0,068902	19,980583	19,980574	19,980575	19,980591	19,980564	19,980591
1,9953	-0,100103	-0,100725	-0,101736	-0,100557	-0,104098	-0,102053	19,980582	19,980582	19,980587	19,980573	19,980580	19,980597
2,5119	-0,145212	-0,147327	-0,147522	-0,146347	-0,150243	-0,148104	19,980601	19,980588	19,980576	19,980588	19,980582	19,980595
3,1623	-0,213295	-0,218322	-0,219148	-0,215160	-0,223079	-0,220692	19,980577	19,980592	19,980591	19,980576	19,980592	19,980585
3,9811	-0,321637	-0,329503	-0,330751	-0,324278	-0,336498	-0,331151	19,980587	19,980585	19,980593	19,980587	19,980585	19,980592
5,0120	-0,487280	-0,499247	-0,501884	-0,490979	-0,509495	-0,503906	19,980588	19,980585	19,980589	19,980590	19,980588	19,980592
6,3097	-0,747267	-0,766413	-0,769938	-0,752486	-0,780728	-0,771898	19,980589	19,980588	19,980592	19,980594	19,980585	19,980597
7,9430	-1,149816	-1,178211	-1,181761	-1,157793	-1,200197	-1,186245	19,980587	19,980590	19,980588	19,980587	19,980583	19,980586
10,0000	-1,786935	-1,827802	-1,831992	-1,798530	-1,860137	-1,839536	19,980601	19,980604	19,980599	19,980600	19,980611	19,980601
12,5890	-2,807980	-2,865653	-2,864264	-2,828064	-2,912764	-2,876488	19,980589	19,980588	19,980588	19,980589	19,980588	19,980586
15,8490	-4,446215	-4,520331	-4,502879	-4,481148	-4,586287	-4,525274	19,980588	19,980586	19,980587	19,980584	19,980588	19,980587
19,9530	-7,094990	-7,174693	-7,122019	-7,144021	-7,263232	-7,163250	19,980540	19,980599	19,980578	19,980518	19,980575	19,980605
25,1190	-11,431439	-11,484308	-11,367375	-11,511031	-11,599377	-11,430586	19,980586	19,980589	19,980590	19,980587	19,980589	19,980586
31,6230	-18,584577	-18,591901	-18,379939	-18,690310	-18,730381	-18,476145	19,980596	19,980581	19,980590	19,980604	19,980573	19,980592
39,8110	-31,081686	-31,130078	-30,799458	-31,287467	-31,310679	-30,916517	19,981304	19,981280	19,981261	19,981289	19,981225	19,981276
50,1200	-75,288894	-79,997610	-76,472454	-62,069255	-80,442685	-81,529540	19,987349	19,979648	19,983853	19,981939	19,975693	19,979441
63,0970	-63,612105	-62,923640	-63,169900	-62,717749	-63,838407	-62,111432	19,980313	19,981121	19,979289	19,979033	19,980332	19,979536
79,4300	-56,186198	-57,304251	-56,062102	-56,781205	-56,918601	-56,520890	19,980995	19,980663	19,980228	19,980540	19,980724	19,980180
100,0000	-72,333016	-94,493137	-68,518964	-75,323402	-80,891995	-75,835727	19,983384	19,981052	19,983667	19,979018	19,981118	19,982439
125,8900	-82,637109	-90,018252	-78,801080	-93,096873	-85,227704	-82,803462	19,980569	19,979782	19,981583	19,979871	19,981008	19,981816
158,4900	-89,749269	-89,914899	-81,710946	-90,502872	-86,368713	-81,463509	19,981024	19,980526	19,981570	19,981551	19,980593	19,980582
199,5300	-78,952523	-88,782170	-74,589252	-84,923430	-85,921297	-98,194518	19,980724	19,980562	19,979968	19,980820	19,980737	19,981257
251,1900	-83,380789	-78,293841	-81,853429	-83,639181	-90,546465	-83,233012	19,980439	19,980229	19,980667	19,980713	19,980699	19,980149
316,2300	-73,695889	-99,156099	-83,918052	-77,691384	-86,474980	-89,276148	19,980583	19,980046	19,980602	19,980541	19,980703	19,980488
398,1100	-81,965644	-83,050467	-81,698847	-91,406680	-89,366543	-90,758762	19,980592	19,980675	19,980516	19,980415	19,980754	19,980621
501,2000	-96,217873	-84,195501	-95,200505	-86,609134	-78,045717	-84,698108	19,980581	19,980562	19,980560	19,980564	19,980445	19,981125
630,9700	-80,183026	-94,505006	-79,942455	-81,538485	-95,143007	-89,410840	19,980569	19,980610	19,980672	19,980659	19,980528	19,980334
794,3000	-91,512164	-78,827786	-77,627731	-82,091706	-80,954771	-79,167006	19,980683	19,980574	19,980773	19,980646	19,980431	19,980635
1000,0000	-76,530626	-103,572974	-85,798811	-81,588368	-85,521400	-79,152269	19,980283	19,980539	19,980594	19,980697	19,980574	19,980627



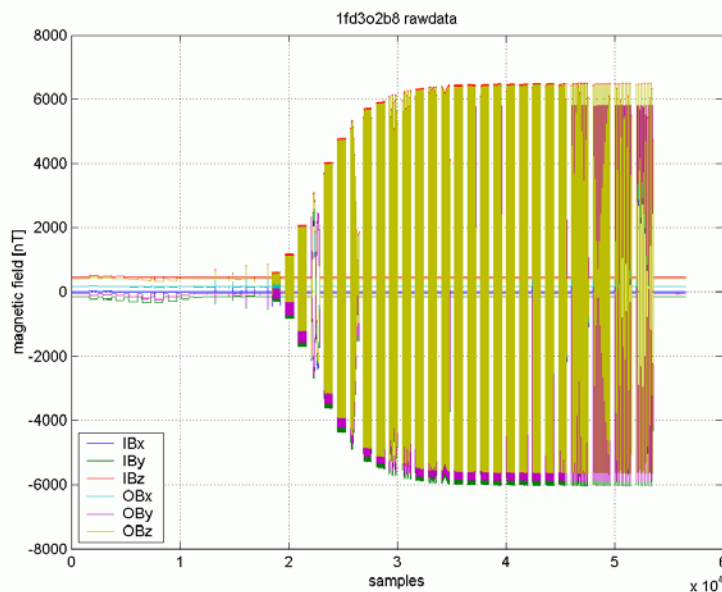


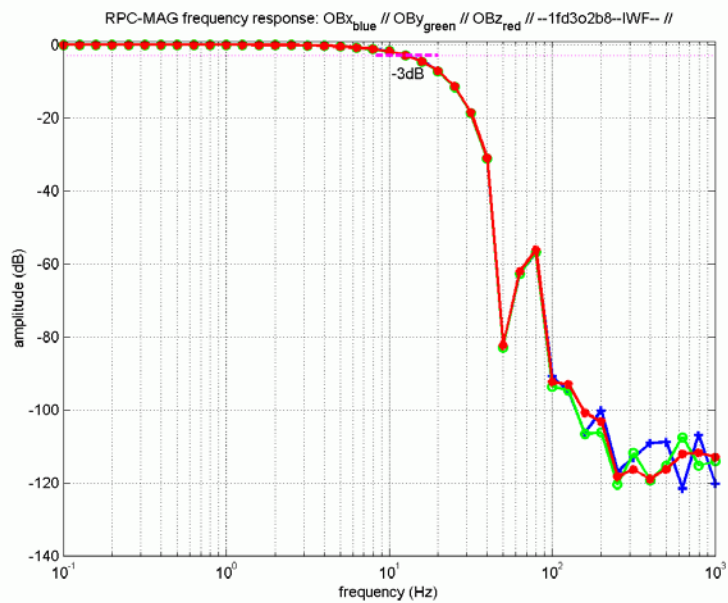
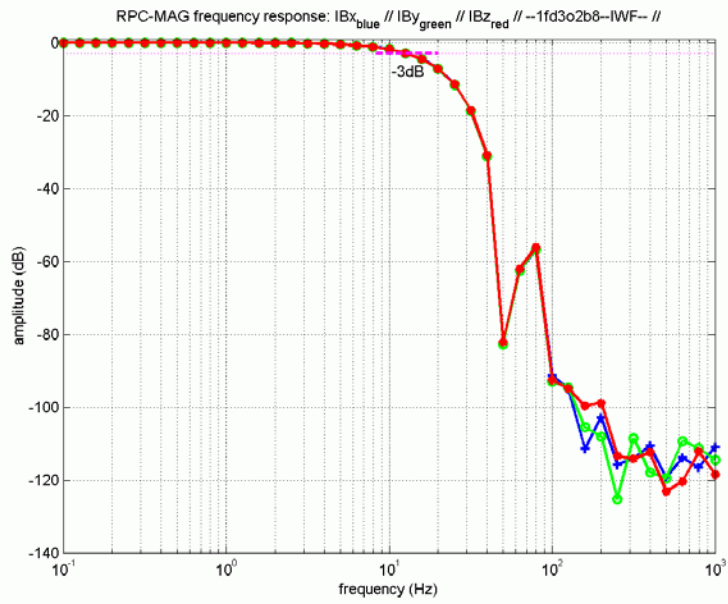
Space Research Institute Department of Experimental Space Research Austrian Academy of Sciences Schmiedlstraße 6 8042 Graz - Messendorf Austria	Project: Rosetta – RPC-MAG Sample Rate and Frequency Response Analysis RO-IWF-TR0001	Document: IWF 2002/01 Filename: RPC-MAG Author: hue@oeaw.ac.at Revision: January 2002 Date: 23.01.2002 Page: 50
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4.4.15 1fd3o2b8

Number // CCD-File // Annotation // IWF-Name
 --21-- // 01-04-26 01-49-02 // fd_h FS-Sensor FS-DPU // 1fd3o2b8

File: 1fd3o2b8												
Frequency (Hz)	IBx (dB)	IBy (dB)	IBz (dB)	OBx (dB)	OBy (dB)	OBz (dB)	IBx_fs (Hz)	IBy_fs (Hz)	IBz_fs (Hz)	OBx_fs (Hz)	OBy_fs (Hz)	OBz_fs (Hz)
0,1000	0,000000	0,000000	0,000000	0,000000	0,000000	0,000000	19,980538	19,980536	19,980538	19,980542	19,980537	19,980537
0,1259	-0,002403	-0,002399	-0,002460	-0,002389	-0,002438	-0,002448	19,980666	19,980673	19,980674	19,980672	19,980673	19,980675
0,1585	-0,013803	-0,013838	-0,013921	-0,013837	-0,013847	-0,013907	19,980611	19,980610	19,980610	19,980610	19,980606	19,980610
0,1995	-0,004588	-0,004517	-0,004670	-0,004615	-0,004566	-0,004624	19,980615	19,980613	19,980611	19,980609	19,980615	19,980611
0,2512	-0,027781	-0,027795	-0,027942	-0,027807	-0,027861	-0,027914	19,980522	19,980520	19,980516	19,980523	19,980520	19,980515
0,3162	-0,023231	-0,023172	-0,023406	-0,023262	-0,023243	-0,023362	19,980583	19,980586	19,980587	19,980585	19,980585	19,980588
0,3981	-0,017668	-0,017659	-0,017958	-0,017720	-0,017756	-0,017893	19,980587	19,980589	19,980590	19,980588	19,980588	19,980588
0,5012	-0,036036	-0,036003	-0,036338	-0,036106	-0,036142	-0,036269	19,980571	19,980571	19,980570	19,980572	19,980567	19,980572
0,6310	-0,032402	-0,032411	-0,032824	-0,032512	-0,032644	-0,032732	19,980585	19,980585	19,980585	19,980585	19,980584	19,980585
0,7943	-0,024068	-0,024154	-0,024670	-0,024203	-0,024503	-0,024586	19,980584	19,980583	19,980583	19,980584	19,980583	19,980583
1,0000	-0,038158	-0,038383	-0,039025	-0,038285	-0,038906	-0,038933	19,980584	19,980584	19,980585	19,980585	19,980585	19,980585
1,2589	-0,041583	-0,041982	-0,042790	-0,041774	-0,041774	-0,042704	19,980587	19,980586	19,980586	19,980585	19,980587	19,980586
1,5849	-0,072819	-0,073611	-0,074677	-0,073139	-0,074786	-0,074621	19,980591	19,980591	19,980592	19,980591	19,980591	19,980592
1,9953	-0,099916	-0,101341	-0,102691	-0,100378	-0,103075	-0,102669	19,980590	19,980590	19,980590	19,980590	19,980590	19,980590
2,5119	-0,137854	-0,140374	-0,142153	-0,138588	-0,143003	-0,142233	19,980589	19,980589	19,980589	19,980589	19,980589	19,980589
3,1623	-0,213242	-0,217596	-0,219986	-0,214347	-0,221648	-0,220233	19,980587	19,980589	19,980589	19,980587	19,980588	19,980588
3,9811	-0,312712	-0,319927	-0,323072	-0,314506	-0,326108	-0,323609	19,980589	19,980589	19,980589	19,980589	19,980589	19,980589
5,0120	-0,492753	-0,504578	-0,508793	-0,495580	-0,514008	-0,509796	19,980590	19,980590	19,980590	19,980589	19,980590	19,980590
6,3097	-0,763547	-0,782396	-0,787808	-0,767973	-0,796740	-0,789672	19,980589	19,980589	19,980589	19,980589	19,980589	19,980589
7,9430	-1,168229	-1,197322	-1,203840	-1,175336	-1,219063	-1,207193	19,980589	19,980589	19,980589	19,980588	19,980589	19,980589
10,0000	-1,797583	-1,841124	-1,847464	-1,808748	-1,873494	-1,853617	19,980559	19,980561	19,980560	19,980554	19,980559	19,980567
12,5890	-2,838404	-2,896639	-2,899127	-2,856980	-2,944324	-2,910479	19,980588	19,980588	19,980588	19,980588	19,980588	19,980588
15,8490	-4,489199	-4,560096	-4,549306	-4,519404	-4,627967	-4,570119	19,980589	19,980589	19,980589	19,980589	19,980589	19,980589
19,9530	-7,148177	-7,219023	-7,175701	-7,196611	-7,311357	-7,212708	19,980582	19,980580	19,980580	19,980581	19,980580	19,980580
25,1190	-11,483638	-11,531182	-11,424802	-11,558120	-11,648474	-11,486279	19,980588	19,980588	19,980588	19,980588	19,980588	19,980588
31,6230	-18,629256	-18,630693	-18,428757	-18,735283	-18,766813	-18,518520	19,980588	19,980588	19,980588	19,980588	19,980588	19,980588
39,8110	-31,181458	-31,138140	-30,827496	-31,318394	-31,281557	-30,937302	19,980600	19,980596	19,980595	19,980600	19,980596	19,980595
50,1200	-82,498331	-82,854407	-82,224491	-82,649218	-82,915390	-82,331070	19,980179	19,980680	19,980580	19,980396	19,980490	19,980282
63,0970	-62,668892	-62,629510	-62,110787	-62,817353	-62,752724	-62,223901	19,980570	19,980559	19,980586	19,980561	19,980586	19,980557
79,4300	-56,765373	-56,712190	-56,158758	-56,968522	-56,841470	-56,238559	19,980596	19,980584	19,980588	19,980594	19,980590	19,980592
100,0000	-91,406883	-92,971260	-92,667479	-90,821946	-93,729357	-92,469782	19,979002	19,979319	19,978300	19,978409	19,980235	19,978708
125,8900	-95,115236	-94,623899	-94,917653	-94,911386	-94,627937	-93,063039	19,983331	19,983717	19,983581	19,983597	19,983708	19,983375
158,4900	-111,522411	-105,505774	-99,679855	-106,409620	-100,777600	-100,777600	19,980485	19,980744	19,980594	19,980284	19,980185	19,980837
199,5300	-102,917600	-108,082337	-98,921934	-100,247996	-106,289647	-103,248488	19,980119	19,981646	19,979618	19,979650	19,981798	19,980779
251,1900	-115,874987	-125,329019	-113,399652	-116,943050	-120,487034	-118,295605	19,980392	19,980509	19,980126	19,980251	19,980420	19,980096
316,2300	-114,082912	-108,617131	-114,177717	-113,148236	-111,864752	-116,456040	19,980668	19,980529	19,980422	19,980661	19,980472	19,980681
398,1100	-110,706994	-118,001832	-112,453498	-109,141661	-119,253714	-118,942464	19,980547	19,980459	19,980750	19,980671	19,981035	19,980607
501,2000	-119,279784	-119,470581	-123,112717	-108,928001	-115,186284	-116,356425	19,980771	19,980619	19,980570	19,980435	19,980627	19,980628
630,9700	-113,964766	-109,232205	-120,415953	-121,695743	-107,556108	-112,121135	19,980587	19,980716	19,980647	19,980585	19,980597	19,980589
794,3000	-116,693211	-111,322516	-112,227898	-106,990341	-115,362173	-111,805982	19,980587	19,980586	19,980678	19,980642	19,980578	19,980539
000,0000	-110,995479	-114,498911	-118,526335	-120,352665	-114,216542	-112,922073	19,980596	19,980693	19,980603	19,980577	19,980856	19,980540





4.4.16 1fd5o2b8

Number // CCD-File // Annotation // IWF-Name
 --22-- // 01-04-26 02-36-22 // fd_1 FS-Sensor FS-DPU // 1fd5o2b8

File: 1fd5o2b8

Frequency (Hz)	IBx (dB)	IBy (dB)	IBz (dB)	OBx (dB)	OBy (dB)	OBz (dB)	IBx_fs (Hz)	IBy_fs (Hz)	IBz_fs (Hz)	OBx_fs (Hz)	OBy_fs (Hz)	OBz_fs (Hz)
0,1000	0,000000	0,000000	0,000000	0,000000	0,000000	0,000000	19,980577	19,980548	19,980613	19,980370	19,980749	19,980641
0,1259	-0,001580	-0,002115	-0,001577	-0,001967	-0,001315	-0,002326	19,980720	19,980338	19,980714	19,980797	19,980511	19,980702
0,1585	-0,002290	-0,003975	-0,002541	-0,001949	-0,002401	-0,002690	19,980514	19,980603	19,980562	19,980741	19,980685	19,980592
0,1995	-0,004324	-0,004780	-0,004050	-0,003589	-0,004017	-0,003290	19,980569	19,980553	19,980577	19,980646	19,980587	19,980612
0,2512	-0,004316	-0,006702	-0,006866	-0,004456	-0,005272	-0,005680	19,980536	19,980676	19,980501	19,980458	19,980673	19,980511
0,3162	-0,007450	-0,008498	-0,009323	-0,007063	-0,007031	-0,008448	19,980572	19,980449	19,980466	19,980751	19,980558	19,980493
0,3981	-0,010528	-0,010303	-0,009425	-0,008940	-0,009725	-0,008719	19,980604	19,980576	19,980532	19,980593	19,980615	19,980595
0,5012	-0,013056	-0,012985	-0,013089	-0,011840	-0,013212	-0,012054	19,980523	19,980556	19,980514	19,980496	19,980606	19,980569
0,6310	-0,015880	-0,016625	-0,016050	-0,015275	-0,016180	-0,015192	19,980587	19,980600	19,980497	19,980621	19,980575	19,980475
0,7943	-0,020975	-0,022944	-0,023094	-0,021414	-0,022562	-0,022369	19,980565	19,980568	19,980583	19,980606	19,980573	19,980589
1,0000	-0,029166	-0,029557	-0,029248	-0,030511	-0,032190	-0,028825	19,980614	19,980541	19,980565	19,980592	19,980556	19,980494
1,2589	-0,041851	-0,042539	-0,042211	-0,041644	-0,041614	-0,041350	19,980560	19,980577	19,980564	19,980578	19,980596	19,980578
1,5849	-0,058446	-0,060705	-0,061385	-0,058783	-0,061614	-0,060439	19,980584	19,980586	19,980585	19,980600	19,980587	19,980555
1,9953	-0,087256	-0,087825	-0,090250	-0,087871	-0,090045	-0,089510	19,980585	19,980587	19,980580	19,980557	19,980577	19,980588
2,5119	-0,129870	-0,133204	-0,134766	-0,131086	-0,134622	-0,134564	19,980592	19,980586	19,980591	19,980580	19,980590	19,980583
3,1623	-0,196299	-0,201534	-0,202801	-0,197318	-0,204410	-0,202349	19,980583	19,980583	19,980590	19,980578	19,980598	19,980591
3,9811	-0,300642	-0,308895	-0,309712	-0,302439	-0,314345	-0,310175	19,980590	19,980585	19,980576	19,980585	19,980587	19,980573
5,0120	-0,464243	-0,476669	-0,479472	-0,466800	-0,484839	-0,479538	19,980591	19,980590	19,980585	19,980587	19,980582	19,980587
6,3097	-0,721819	-0,742042	-0,744670	-0,727118	-0,754984	-0,746079	19,980589	19,980584	19,980590	19,980590	19,980582	19,980589
7,9430	-1,127223	-1,157540	-1,160830	-1,135612	-1,177232	-1,164020	19,980584	19,980584	19,980587	19,980584	19,980588	19,980587
10,0000	-1,799378	-1,912787	-1,868307	-1,790194	-1,926471	-1,873601	19,980449	19,980167	19,980361	19,980555	19,980244	19,980372
12,5890	-2,796274	-2,855670	-2,853671	-2,816280	-2,901572	-2,864679	19,980586	19,980586	19,980587	19,980589	19,980586	19,980588
15,8490	-4,439251	-4,511990	-4,495822	-4,470866	-4,576705	-4,516856	19,980582	19,980587	19,980586	19,980582	19,980587	19,980586
19,9530	-7,086631	-7,168080	-7,118204	-7,135854	-7,257610	-7,153863	19,980569	19,980589	19,980583	19,980580	19,980585	19,980584
25,1190	-11,415355	-11,469153	-11,356012	-11,496695	-11,581689	-11,415813	19,980580	19,980587	19,980582	19,980587	19,980588	19,980583
31,6230	-18,573330	-18,577794	-18,368202	-18,677290	-18,710156	-18,456988	19,980583	19,980585	19,980591	19,980603	19,980599	19,980588
39,8110	-31,156163	-31,121393	-30,803244	-31,285647	-31,275539	-30,869809	19,980534	19,980551	19,980585	19,980517	19,980560	19,980595
50,1200	-77,857669	-80,376265	-83,039285	-98,299443	-73,860226	-90,352785	19,985836	19,980410	19,980877	19,979374	19,981262	19,981689
63,0970	-63,917960	-64,901210	-61,948168	-61,409283	-65,059113	-62,427402	19,980740	19,980520	19,981009	19,980014	19,980897	19,981188
79,4300	-57,100333	-56,609888	-55,723414	-57,035396	-57,006720	-55,577714	19,981198	19,981271	19,980965	19,981073	19,980861	19,981419
100,0000	-71,327429	-77,060463	-73,281178	-71,805580	-75,704019	-78,472694	19,980180	19,981539	19,980260	19,980646	19,981823	19,981160
125,8900	-80,169034	-83,971279	-100,352240	-86,330706	-83,777054	-86,875164	19,980811	19,980347	19,980836	19,980762	19,980435	19,980702
158,4900	-83,025777	-84,476162	-91,384134	-76,822244	-83,656361	-79,910370	19,980392	19,980758	19,980665	19,980456	19,979706	19,980662
199,5300	-72,555862	-78,437658	-75,162627	-72,706147	-78,947349	-82,066468	19,981922	19,979518	19,980762	19,979364	19,980238	19,979807
251,1900	-78,464014	-79,228061	-83,277062	-82,112820	-86,948066	-86,369624	19,980619	19,980370	19,980925	19,980496	19,980446	19,980693
316,2300	-94,620983	-92,056411	-80,686339	-74,032833	-92,536534	-78,931416	19,980591	19,980392	19,980681	19,981402	19,980590	19,980618
398,1100	-80,295624	-76,561119	-76,952964	-79,650457	-73,530192	-78,103417	19,980669	19,980684	19,980618	19,980616	19,980223	19,980386
501,2000	-82,199166	-90,579188	-81,093607	-90,383224	-86,468097	-78,892759	19,980609	19,980690	19,980670	19,980625	19,980621	19,980703
630,9700	-86,629093	-85,226772	-90,927003	-95,346025	-105,151992	-81,546009	19,980672	19,980661	19,980615	19,980564	19,980707	19,980843
794,3000	-89,086844	-90,929367	-86,754399	-80,996870	-78,240942	-81,067110	19,980428	19,981015	19,980550	19,980614	19,980556	19,980578
1000,0000	-81,044955	-82,759462	-81,632695	-74,174413	-74,110250	-72,254856	19,980595	19,980632	19,980588	19,980571	19,980597	19,980272

