

**TEST REPORT**
Nr. R20040001**Federal Communication Commission (FCC)**

Report Reference No.	R20040001
Date of issue:	10.06.2020
Total number pages:	105
Applicant's name	MCF88 S.r.l.
Address	Via Roma, 3 – 28060 Sozzago (NO) – Italy
Test specification:	
Standards	FCC Rules & Regulations, Title 47:2019 Part 15 paragraph(s): 203, 209 and 247 Tests details at page 7
Non-standard test method	N/A
Test Report Form No.	15-247_HoppingCMC
Test Report Form(s) Originator ..	CMC Centro Misure Compatibilità S.r.l.
Master TRF	2020-05
General disclaimer:	
The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of CMC Centro Misure Compatibilità S.r.l.	
Test item description	Radio module
Trademark	MCF88
Manufacturer	MCF88 S.r.l.
Model / Type reference	iM980A with SMD antenna PRO-OB-471
FCC ID	2AWAL409810
Rating(s)	3 Vdc from battery
Report	
Tested by (name + signature)	M. Segalla
Approved by (name + signature)	R. Beghetto



1 Summary

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2 Reference standard	
FCC Rules and Regulation Title 47 part 15:2019	--
3 List of attachments	
Attachment 1: Instruments list, measurement uncertainty, judgement of compliance and quality manual references	
4 Deviation(s) from test specification	
None	
5 Testing location	
CMC Centro Misure Compatibilità S.r.l. Via della Fisica, 20 – 36016 Thiene (VI) – Italy Test site facility's FCC registration number: 182474	

Revision index	Date	Change history
1.0	10.06.2020	--



Testing and sampling:	
Date of receipt of test item	11.02.2020
Testing start date	27.04.2020
Testing end date	04.06.2020
Sampling procedure.....	Equipment used for testing was picked up by the manufacturer, at the end of the production process with random criterion. The results relate to the sample as it has been received.
Internal identification	Adhesive label with the product number P200211
General remarks:	
This report shall not be reproduced, except in full, without the written approval of CMC. The test results presented in this report relate only to the object tested. “(see appended table)”: refers to a table appended to the report. Throughout this report a comma is used as the decimal separator.	
Possible test case verdicts:	
Test case does not apply to the test object:	N/A (Not Applicable)
Test object does meet the requirement:	P (Pass)
Test object does not meet the requirement:	F (Fail)
Test object does not performed:	N/E (Not Executed)
Definition of symbols used in this test report:	
☒ Indicates that the listed condition, standard or equipment is applicable for this report. ☐ Indicates that the listed condition, standard or equipment is not applicable for this report.	

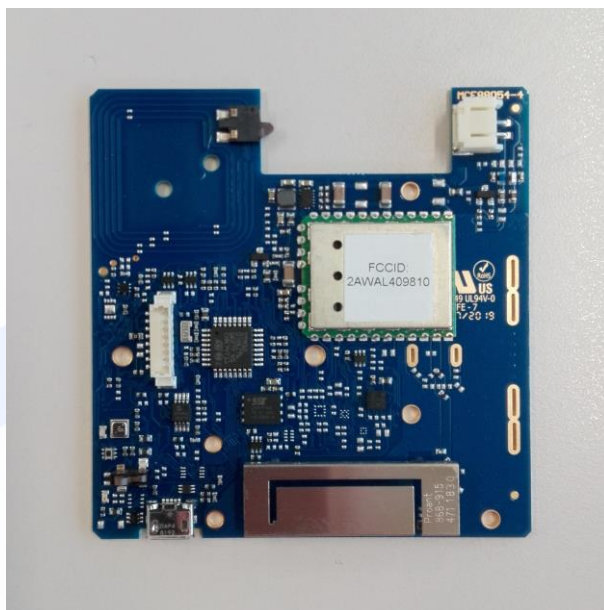


6 General description of test item(s)

Description	Radio module						
Model Number	iM980A with SMD antenna PRO-OB-471						
FCC ID	2AWAL409810						
Serial Number	--						
Brand name	MCF88						
Frequency band	902 – 928 MHz						
Modulation	LoRa 125 kHz LoRa 500 kHz						
Nominal frequencies (LoRa 125 kHz)	F _L : 902,30 MHz	F _M : 908,70 MHz		F _H : 914,90 MHz			
Nominal frequencies (LoRa 500 kHz)	F _L : 903,00 MHz	F _M : 909,40 MHz		F _H : 914,20 MHz			
Rated power supply		Voltage and Frequency	Reference poles				
			N	L1	L2	L3	PE
	☐	AC:	☐	☐	☐	☐	☐
	☐	AC:	☐	☐	☐	☐	☐
	☒	DC: 3 V from battery					☐
Test configuration	☒	Table top equipment					
	☐	Floor standing equipment					
	☐	Hand-held equipment					
Type of equipment	☒	Transmitter unit					
	☐	Receiver unit					
Type of station	☐	Fixed station					
	☐	Portable station					
	☒	Mobile station					
Operating modes	No.	Operating mode of test item					
	1	EUT in continuous transmission at maximum power					
Supplemental information to the operating modes	All tests have been performed with radio module installed inside an MCF88 LoRaWAN® indoor environmental sensor model MCF-LW12CO2						



6.1 Photos of the test item





7 Verdict summary section

FCC Rules & Regulations, Title 47:2019 Part 15 paragraph(s): 203, 209 and 247			
Clause	Requirement – Test case	Basic standard	Verdict
Part 15.203	Antenna requirements	ANSI C63.10	P
Part 15.209	Radiated emissions and spurious emission	ANSI C63.10	P
Part 15.209 and 15.247	Peak Output Power	ANSI C63.10	P



Normative references	
Reference no.	Description
FCC Rules and Regulation Title 47 part 15:2019	--
KDB 558074 D01 15.247 Meas Guidance v05r02	Guidance for compliance measurements on Digital Transmission System, Frequency Hopping Spread Spectrum System, and Hybrid System Devices operating under section 15.247 of the FCC rules
ANSI C63.4:2014	American National Standard for Methods of Measuring of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz – 40 GHz
ANSI C63.10:2013	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices



8 Test conditions

8.1 General

Environmental reference conditions.....:	The climatic conditions during the tests are within the limits specified by the manufacturer for the operation of the EUT and the test equipment. The climatic conditions during the tests were within the following limits:		
	Temperature	Humidity	Atmospheric pressure
	15 °C – 35 °C	30 % - 60 %	800 hPa – 1060 hPa
	If explicitly required in the basic standard or applied product standard the climatic values are recorded and documented separately in this test report.		
Measurement uncertainties	Attachment 1		



9 Test results

9.1 Antenna requirements

Tested by	M. Segalla	
Test date	27.04.2020	
Reference standards	FCC Rules and Regulation; Titles 47 Part. 15.203 and 15.204	
Test specification	An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§ 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded	
Antenna type.....	☒	Integral antenna
	☐	External antenna
	☐	Dedicated antenna
Antenna gain.....	2,4 dBi	
External R.F. power amplifier	Not Present	



9.2 Emissions in restricted frequency bands and in unrestricted frequency bands

Tested by	M. Segalla
Test date	27.04.2020
Test location (stand)	Semi-anechoic chamber (CMC A070)
Reference standards	FCC Rules and Regulation; Titles 47 Part. 15.209 ANSI C63.10 cl. 6.3, 6.4, 6.5 and 6.6
Test set-up description	☒ Table top equipment set-up (80 cm above the reference ground plane) ☐ Floor standing equipment set-up (insulating material up to 12 mm thick) ☐ False floor installation equipment set-up (insulating material up to 34 cm above the reference ground plane)
Supplementary test set-up description	--
Test method applied	☒ SAC with measurement distance [m]: 10 m at frequencies ≤ 1 GHz 3 m at frequencies > 1 GHz
Supplementary information	--

Acceptance limits

Acceptance limits for emissions in restricted frequency bands ($f < 1000$ MHz)		
Frequency range (MHz)	Test distance (m)	Limits [dB(μ V/m)]
0,009 to 0,490	300	48,5 to 13,8
0,490 to 1,705	30	33,8 to 22,9
1,705 to 30	30	29,5
30 to 88	3	40
88 to 216	3	43,5
216 to 960	3	46,0
960 to 1000	3	54

Remarks: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz and 110–490 kHz. Radiated emission limits in these two bands are based on measurements employing an average detector. The results have been extrapolated to the specified distance using an extrapolation factor

Acceptance limits for emissions in restricted frequency bands ($f \geq 1000$ MHz)			
Frequency (MHz)	Test distance (m)	AV limits [dB(μ V/m)]	Peak limits [dB(μ V/m)]
> 1000	3	54	74



The restricted frequency bands are listed in the following table

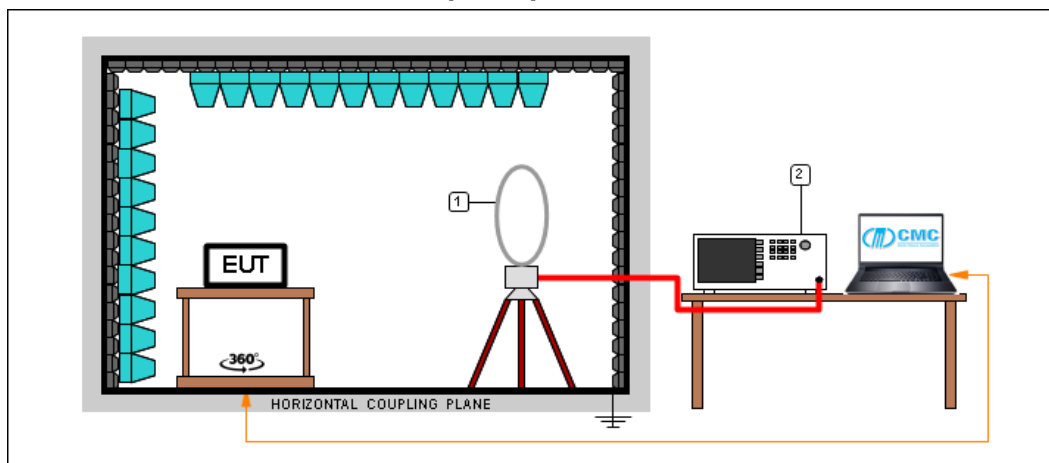
MHz	MHz	MHz	GHz
0,090 – 0,110	16,42 – 16,423	399,9 – 410	4,5 – 5,15
0,495 – 0,505	16,69475 – 16,69525	608 – 614	5,35 – 5,46
2,1735 – 2,1905	16,80425 – 16,80475	960 – 1240	7,25 – 7,75
4,125 – 4,128	25,5 – 25,67	1300 – 1427	8,025 – 8,5
4,17725 – 4,17775	37,5 – 38,25	1435 – 1626,5	9,0 – 9,2
4,20725 – 4,20775	73 – 74,6	1645,5 – 1646,5	9,3 – 9,5
6,215 – 6,218	74,8 – 75,2	1660 – 1710	10,6 – 12,7
6,26775 – 6,26825	108 – 121,94	1718,8 – 1722,2	13,25 – 13,4
6,31175 – 6,31225	123 – 138	2200 – 2300	14,47 – 14,5
8,291 – 8,294	149,9 – 150,05	2310 – 2390	15,35 – 16,2
8,362 – 8,366	156,52475 – 156,52525	2483,5 – 2500	17,7 – 21,4
8,37625 – 8,38675	156,7 – 156,9	2690 – 2900	22,01 – 23,12
8,41425 – 8,41475	162,0125 – 167,17	3260 – 3267	23,6 – 24,0
12,29 – 12,293	167,72 – 173,2	3332 – 3339	31,2 – 31,8
12,51975 – 12,52025	240 – 285	3345,8 – 3358	36,43 – 36,5
12,57675 – 12,57725	322 – 335,4	3600 – 4400	Above 38,6
13,36 – 13,41			

Acceptance limits for emissions in non-restricted frequency bands

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.

Test setup

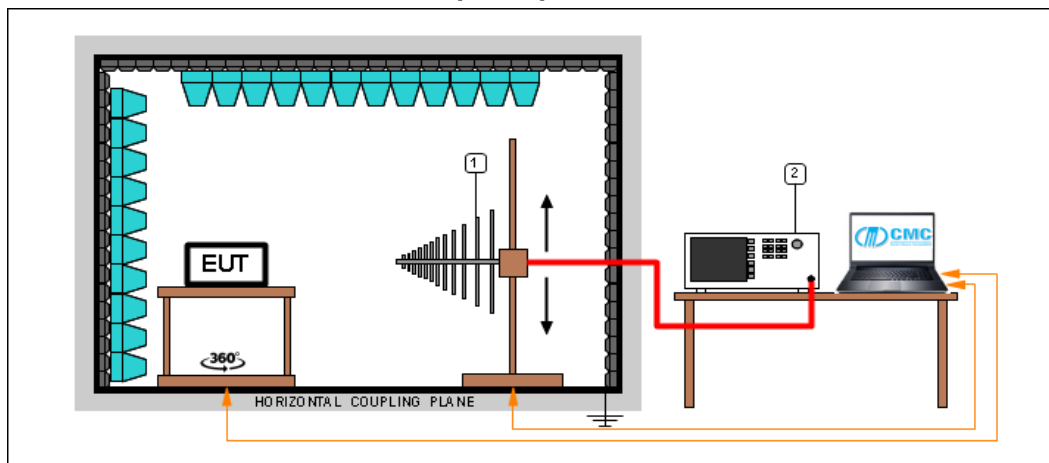
Frequency ≤ 30 MHz



Test setup PE004_01

Nr.	Id. Number	Manufacturer	Model	Description
2	CMC S164	Rohde & Schwarz	ESU26	Receiver 20 Hz - 26.5 GHz
1	CMC S127	Schaffner	HLA6120	Loop Antenna 9kHz - 30MHz

Frequency ≤ 1 GHz



Test setup PE004_02

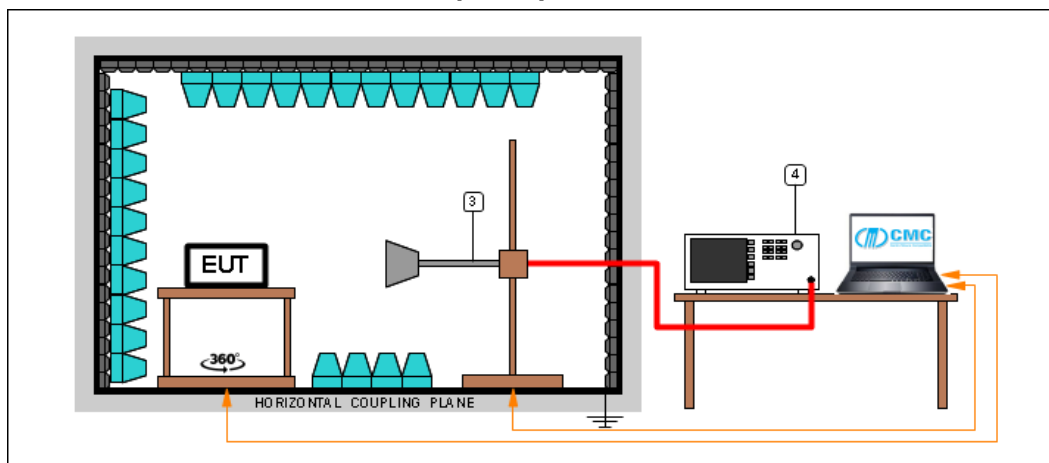
Nr.	Id. Number	Manufacturer	Model	Description
2	CMC S164	Rohde & Schwarz	ESU26	Receiver 20 Hz - 26.5 GHz
1	CMC S271	Schwarzbeck	BBA 9106 + VHBB 9124	Broadband Antenna

Test setup PE004_03

Nr.	Id. Number	Manufacturer	Model	Description
2	CMC S164	Rohde & Schwarz	ESU26	Receiver 20 Hz - 26.5 GHz
1	CMC S287	Schwarzbeck	VUSLP 9111B	Broadband Antenna



Frequency > 1 GHz



Test setup PE004_04

Nr.	Id. Number	Manufacturer	Model	Description
4	CMC S164	Rohde & Schwarz	ESU26	Receiver 20 Hz - 26.5 GHz
3	CMC S108	Emco	3115	Waveguide antenna



Result – LoRa 125 kHz modulation

Polarization	Frequency Range (MHz)	Graphs	Remarks	Result
V	1000 – 10000	G20040001	Lowest channel	P*
H	1000 – 10000	G20040002	Lowest channel	P*
H	1000 – 10000	G20040003	Medium channel	P*
V	1000 – 10000	G20040004	Medium channel	P*
V	1000 – 10000	G20040005	Highest channel	P*
H	1000 – 10000	G20040006	Highest channel	P*
H	300 – 1000	G20040008	Highest channel	P
V	300 – 1000	G20040009	Highest channel	P
H	300 – 1000	G20040011	Medium channel	P
V	300 – 1000	G20040012	Medium channel	P
H	300 – 1000	G20040014	Lowest channel	P
V	300 – 1000	G20040015	Lowest channel	P
V	30 – 300	G20040016	Lowest channel	P
H	30 – 300	G20040017	Lowest channel	P
H	30 – 300	G20040018	Medium channel	P
V	30 – 300	G20040019	Medium channel	P
V	30 – 300	G20040020	Highest channel	P
H	30 – 300	G20040021	Highest channel	P
Loop	0,009 – 30	G20040022	Worst case	P

*: the final measurements out of limits at 1,8 GHz fall into non-restricted frequency bands, for these frequency bands the limit is 20 dB below the highest ERP power level at 3 m ($111,63 - 20 = 91,63 \text{ dB}\mu\text{V/m}$);

General remarks: EUT was tested in 3 orthogonal planes, graphs are related to the highest detected levels. Measurements at frequencies lower than 30 MHz have been performed with an EUT – antenna distance of 10 m. Measured values have been corrected with conversion factor $40\log(\text{test distance}/10)$ based on the measuring distance provided by the standard.

Measurements at frequencies higher than 30 MHz and lower than 1000 MHz have been performed with an EUT – antenna distance of 10 m. Measured values have been corrected with conversion factor $20\log(\text{test distance}/10)$ based on the measuring distance provided by the standard.

Peaks above the limits are caused by the nominal transmitting frequencies

Graphs Legend

PK: Peak; QP [1s] (quasi-peak at 1 second) values are marked with a +

AV: Average; AV [1s] (average at 1 second) values are marked with a X



Result – LoRa 500 kHz modulation

Polarization	Frequency Range (MHz)	Graphs	Remarks	Result
H	1000 – 10000	G20040050	Lowest channel	P*
V	1000 – 10000	G20040051	Lowest channel	P*
V	1000 – 10000	G20040052	Medium channel	P*
H	1000 – 10000	G20040053	Medium channel	P*
H	1000 – 10000	G20040054	Highest channel	P*
V	1000 – 10000	G20040055	Highest channel	P*
H	300 – 1000	G20040057	Highest channel	P
V	300 – 1000	G20040058	Highest channel	P
H	300 – 1000	G20040060	Medium channel	P
V	300 – 1000	G20040061	Medium channel	P
H	300 – 1000	G20040063	Lowest channel	P
V	300 – 1000	G20040064	Lowest channel	P
V	30 – 300	G20040065	Lowest channel	P
H	30 – 300	G20040066	Lowest channel	P
H	30 – 300	G20040067	Medium channel	P
V	30 – 300	G20040068	Medium channel	P
V	30 – 300	G20040069	Highest channel	P
H	30 – 300	G20040070	Highest channel	P
Loop	0,009 – 30	G20040071	Worst case	P

*: the final measurements out of limits fall into non-restricted frequency bands, for these frequency bands the limit is 20 dB below the highest ERP power level at 3 m ($112,86 - 20 = 92,86$ dB μ V/m);

General remarks: EUT was tested in 3 orthogonal planes, graphs are related to the highest detected levels. Measurements at frequencies lower than 30 MHz have been performed with an EUT – antenna distance of 10 m. Measured values have been corrected with conversion factor $40\log(\text{test distance}/10)$ based on the measuring distance provided by the standard.

Measurements at frequencies higher than 30 MHz and lower than 1000 MHz have been performed with an EUT – antenna distance of 10 m. Measured values have been corrected with conversion factor $20\log(\text{test distance}/10)$ based on the measuring distance provided by the standard.

Peaks above the limits are caused by the nominal transmitting frequencies

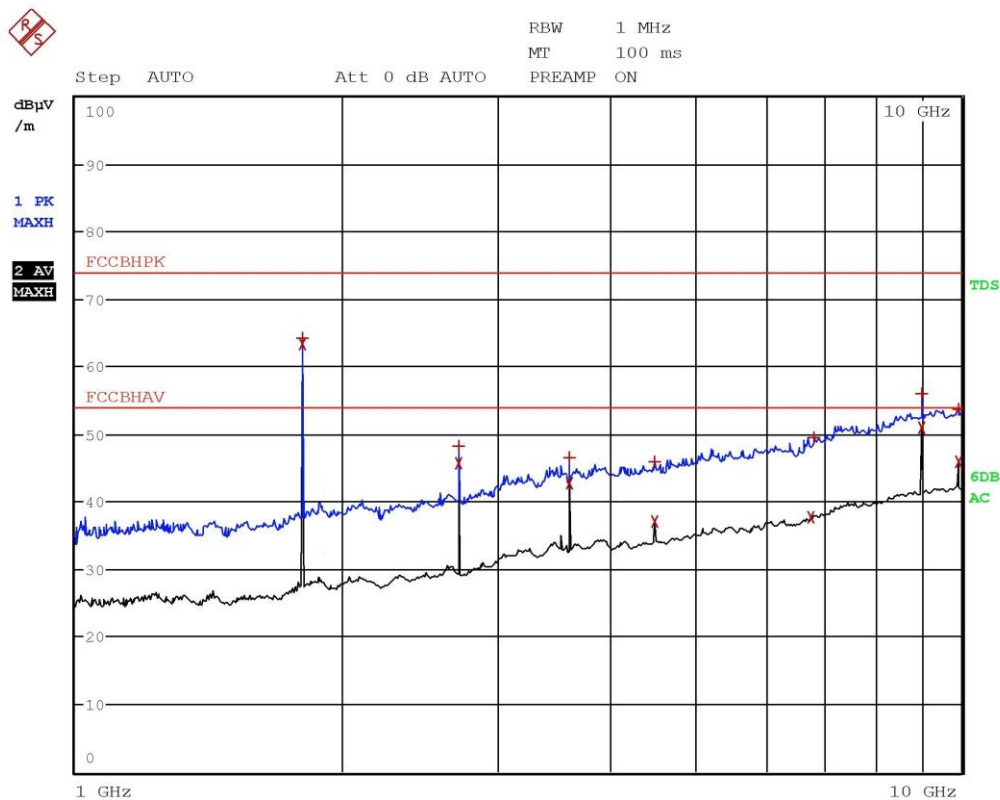
Graphs Legend

PK: Peak; QP [1s] (quasi-peak at 1 second) values are marked with a +

AV: Average; AV [1s] (average at 1 second) values are marked with a X



Graphs

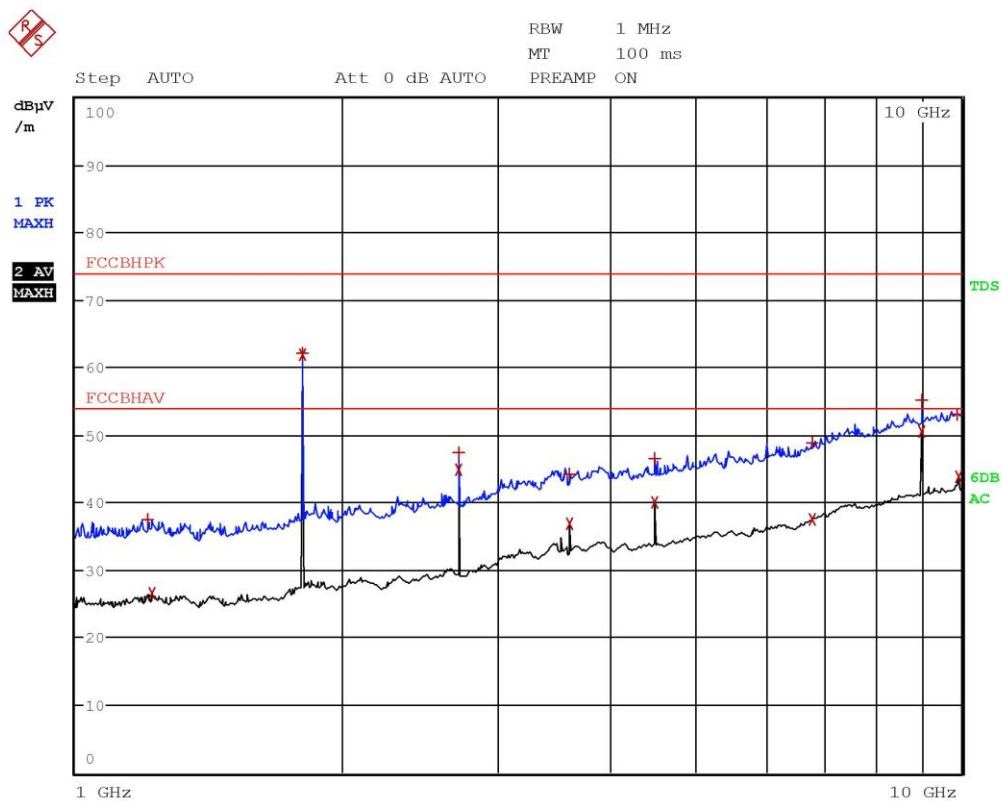


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EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Max Peak	1.8044 GHz	64.18	-9.79
2 Average	1.8048 GHz	63.39	9.41
1 Max Peak	2.7068 GHz	48.11	-25.86
2 Average	2.7068 GHz	45.70	-8.27
1 Max Peak	3.6092 GHz	46.63	-27.34
2 Average	3.6092 GHz	42.85	-11.12
2 Average	4.5116 GHz	37.02	-16.95
1 Max Peak	4.5116 GHz	45.82	-28.15
2 Average	6.7736 GHz	37.69	-16.28
1 Max Peak	6.8068 GHz	49.47	-24.50
1 Max Peak	9.0228 GHz	55.99	-17.98
2 Average	9.0228 GHz	50.93	-3.04
1 Max Peak	9.914 GHz	53.63	-20.34
2 Average	9.9252 GHz	45.99	-7.98

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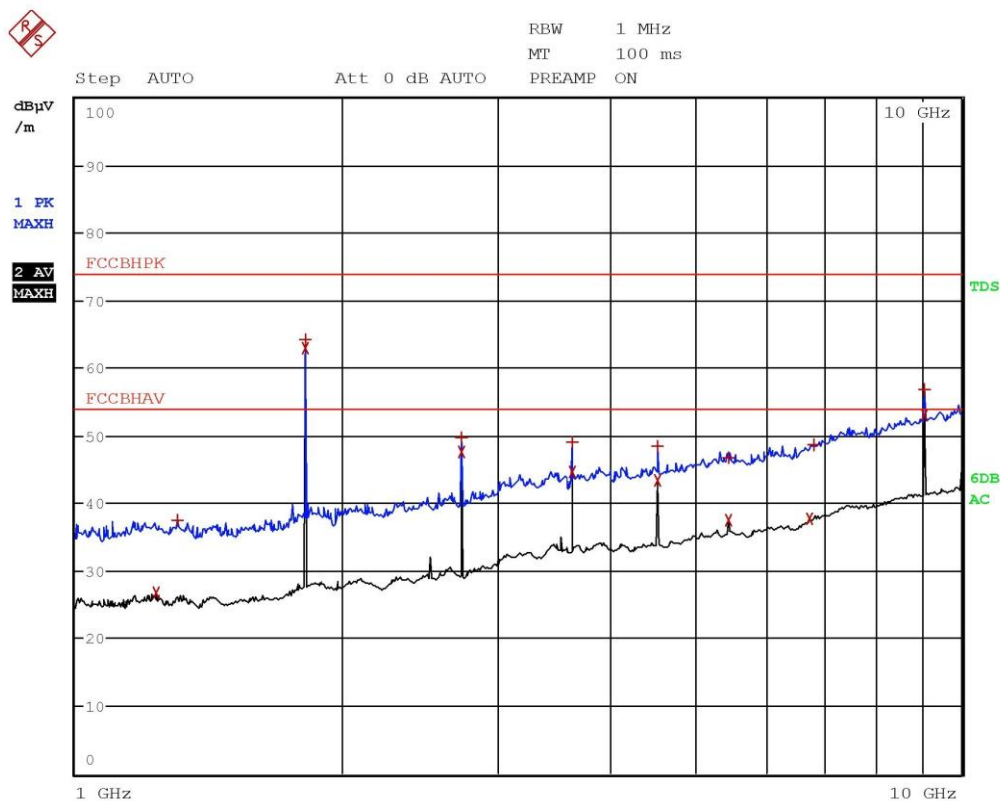


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EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Max Peak	1.2076 GHz	37.46	-36.51
2 Average	1.222 GHz	26.54	-27.43
1 Max Peak	1.8044 GHz	62.10	-11.87
2 Average	1.8044 GHz	61.81	7.83
1 Max Peak	2.7068 GHz	47.28	-26.69
2 Average	2.7068 GHz	44.82	-9.16
2 Average	3.6092 GHz	36.80	-17.17
1 Max Peak	3.6096 GHz	44.17	-29.80
1 Max Peak	4.5112 GHz	46.57	-27.40
2 Average	4.5116 GHz	40.02	-13.96
2 Average	6.7808 GHz	37.59	-16.38
1 Max Peak	6.7948 GHz	48.94	-25.03
1 Max Peak	9.0236 GHz	55.11	-18.86
2 Average	9.0236 GHz	50.51	-3.46
1 Max Peak	9.8872 GHz	53.08	-20.90
2 Average	9.9256 GHz	43.76	-10.21

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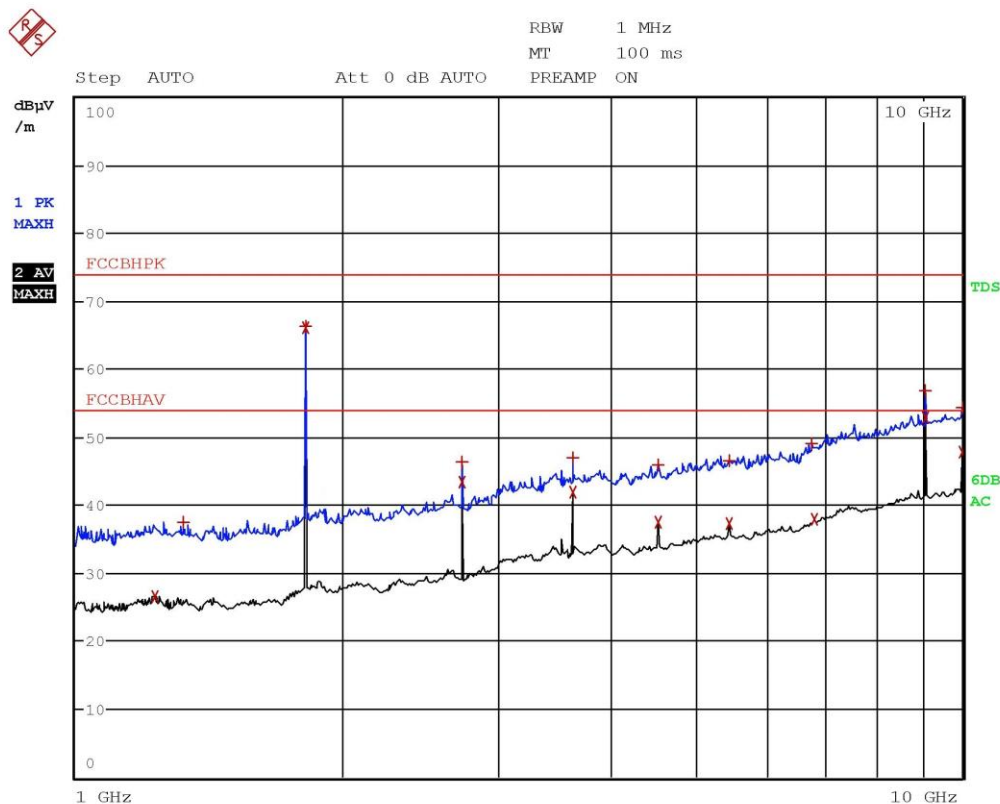


Segalla 20040003



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
2 Average	1.232 GHz	26.73	-27.25
1 Max Peak	1.3024 GHz	37.53	-36.44
1 Max Peak	1.8172 GHz	64.14	-9.83
2 Average	1.8172 GHz	62.89	8.91
1 Max Peak	2.7264 GHz	49.64	-24.33
2 Average	2.7264 GHz	47.50	-6.48
1 Max Peak	3.6348 GHz	49.00	-24.97
2 Average	3.6348 GHz	44.68	-9.29
2 Average	4.5432 GHz	43.40	-10.57
1 Max Peak	4.5436 GHz	48.38	-25.59
2 Average	5.4524 GHz	37.42	-16.55
1 Max Peak	5.4528 GHz	46.71	-27.26
2 Average	6.7472 GHz	37.65	-16.32
1 Max Peak	6.8112 GHz	48.64	-25.33
1 Max Peak	9.0876 GHz	56.88	-17.09
2 Average	9.0876 GHz	52.94	-1.03

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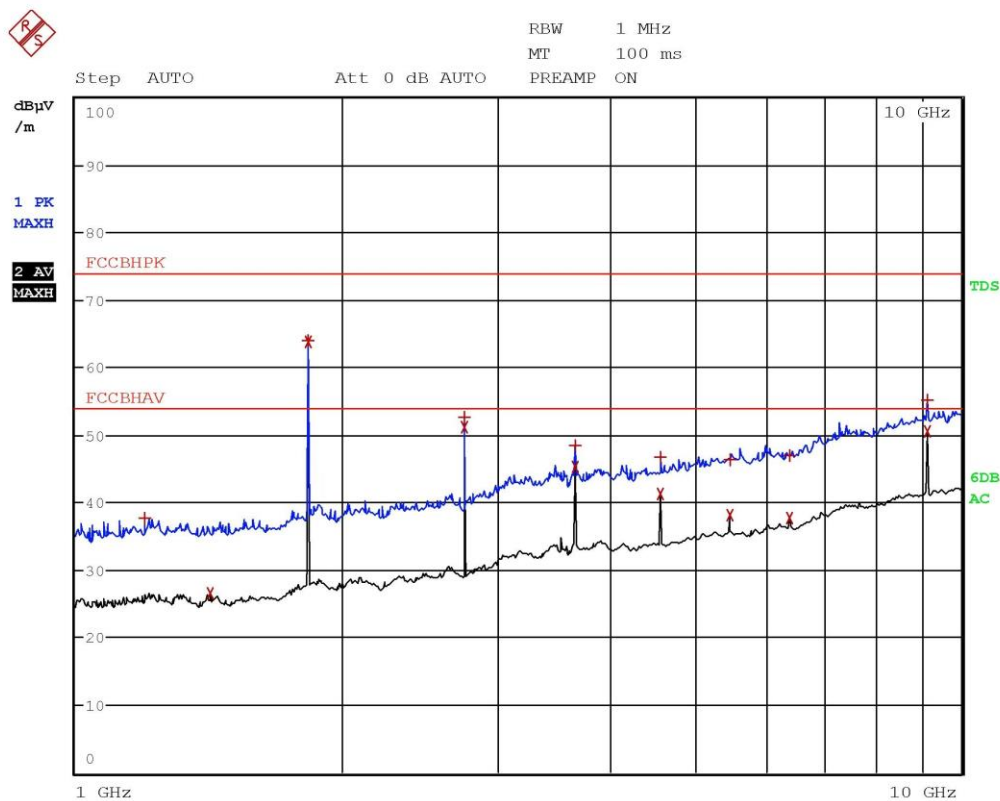


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EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL, dBμV/m	DELTA LIMIT dB
2 Average	1.2312 GHz	26.63	-27.34
1 Max Peak	1.3232 GHz	37.57	-36.40
1 Max Peak	1.8176 GHz	66.37	-7.60
2 Average	1.8176 GHz	66.16	12.18
1 Max Peak	2.726 GHz	46.38	-27.59
2 Average	2.726 GHz	43.48	-10.49
1 Max Peak	3.6344 GHz	46.85	-27.12
2 Average	3.6348 GHz	41.86	-12.11
1 Max Peak	4.54 GHz	45.93	-28.04
2 Average	4.5436 GHz	37.44	-16.53
2 Average	5.4524 GHz	37.20	-16.77
1 Max Peak	5.4612 GHz	46.45	-27.52
1 Max Peak	6.7672 GHz	48.97	-25.00
2 Average	6.808 GHz	37.93	-16.04
1 Max Peak	9.0872 GHz	56.76	-17.21
2 Average	9.0872 GHz	52.81	-1.16
1 Max Peak	9.9952 GHz	54.41	-19.56
2 Average	9.9952 GHz	47.74	-6.23

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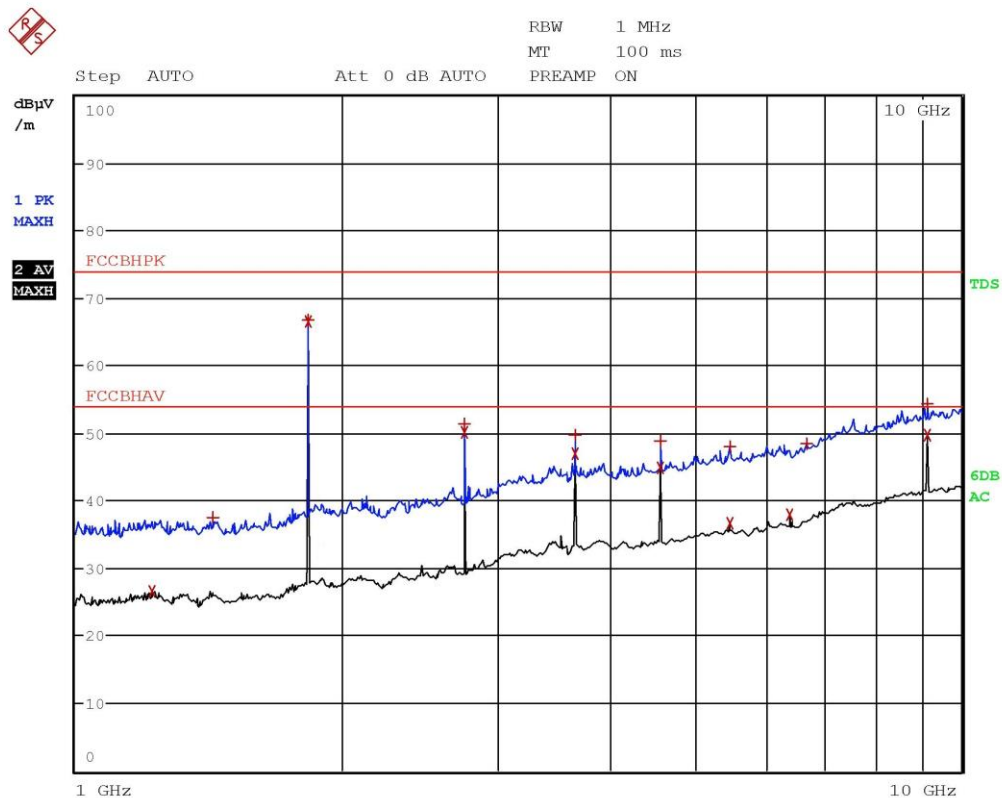


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EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Max Peak	1.1972 GHz	37.66	-36.31
2 Average	1.4204 GHz	26.60	-27.37
1 Max Peak	1.8296 GHz	64.02	-9.95
2 Average	1.83 GHz	63.72	9.74
1 Max Peak	2.7448 GHz	52.54	-21.43
2 Average	2.7448 GHz	51.13	-2.84
1 Max Peak	3.66 GHz	48.47	-25.50
2 Average	3.66 GHz	45.29	-8.68
2 Average	4.5744 GHz	41.24	-12.74
1 Max Peak	4.5744 GHz	46.79	-27.18
1 Max Peak	5.476 GHz	46.22	-27.75
2 Average	5.4892 GHz	38.15	-15.82
2 Average	6.404 GHz	37.72	-16.25
1 Max Peak	6.4044 GHz	46.94	-27.03
2 Average	9.1492 GHz	50.51	-3.46
1 Max Peak	9.1496 GHz	55.19	-18.78

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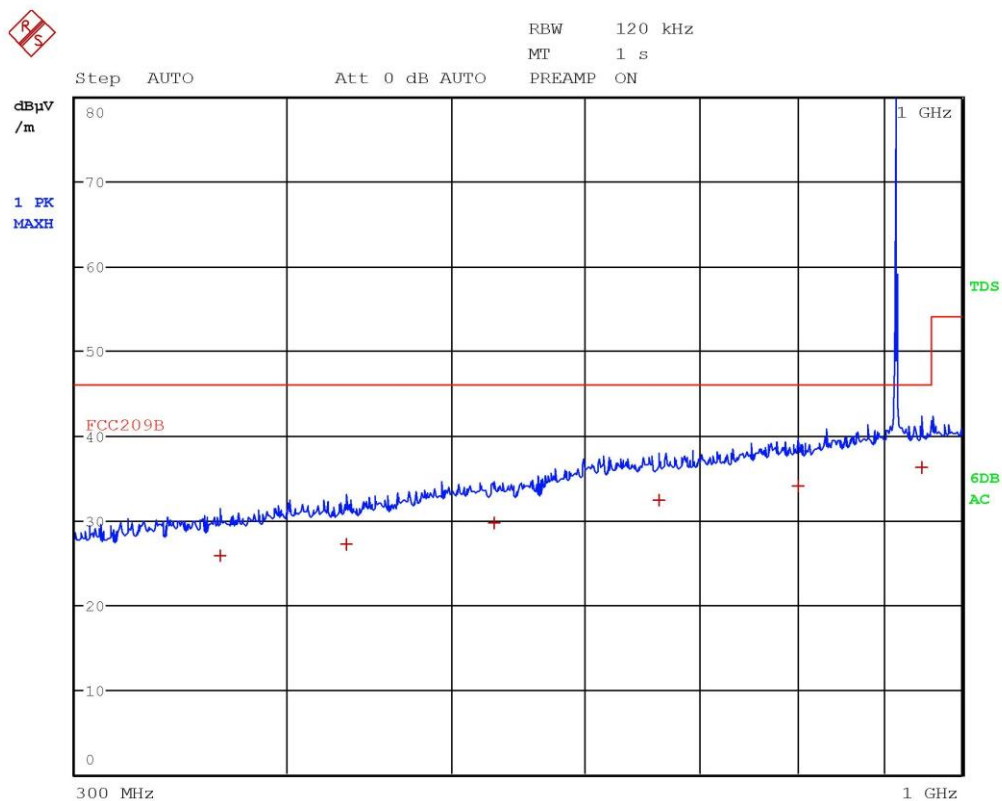


Segalla 20040006



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
2 Average	1.2216 GHz	26.61	-27.36
1 Max Peak	1.4296 GHz	37.53	-36.44
1 Max Peak	1.8296 GHz	66.66	-7.31
2 Average	1.8296 GHz	66.46	12.48
1 Max Peak	2.7448 GHz	51.26	-22.71
2 Average	2.7448 GHz	50.01	-3.96
1 Max Peak	3.6596 GHz	49.68	-24.29
2 Average	3.6596 GHz	46.95	-7.02
1 Max Peak	4.5748 GHz	48.85	-25.12
2 Average	4.5748 GHz	44.95	-9.03
1 Max Peak	5.4756 GHz	48.03	-25.94
2 Average	5.4896 GHz	36.58	-17.39
2 Average	6.4044 GHz	37.87	-16.10
1 Max Peak	6.6884 GHz	48.43	-25.54
1 Max Peak	9.1496 GHz	54.40	-19.57
2 Average	9.1496 GHz	49.62	-4.35

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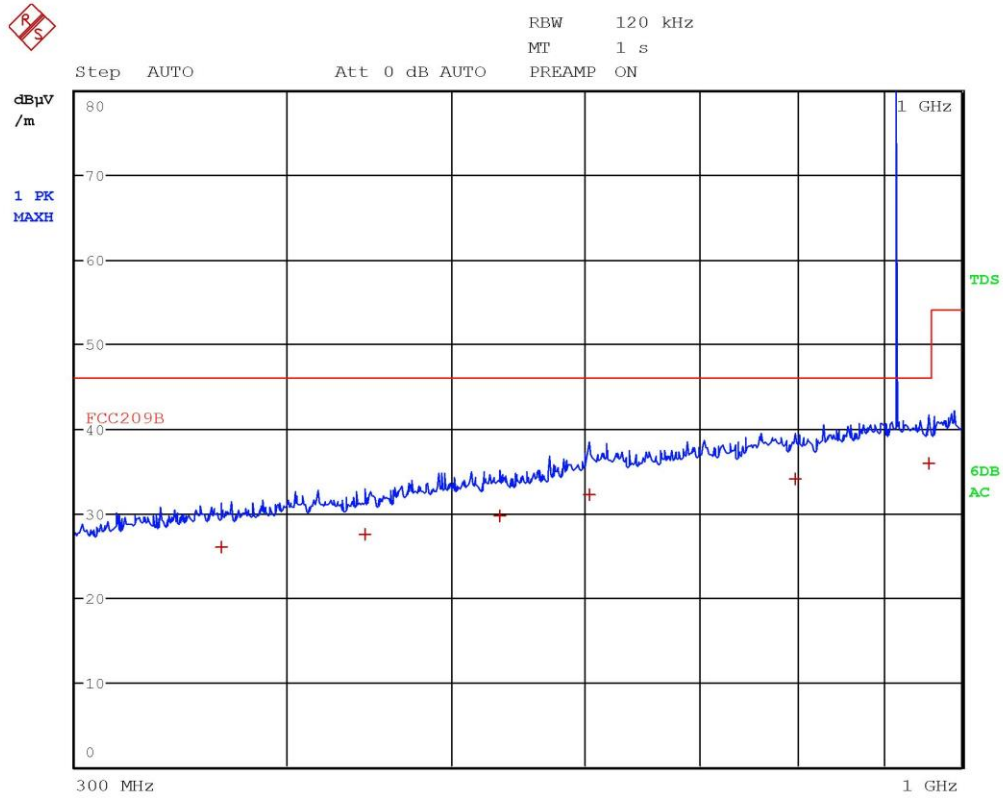


Segalla 20040008



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	364.96 MHz	25.86	-20.16
1 Quasi Peak	433.4 MHz	27.21	-18.80
1 Quasi Peak	529.92 MHz	29.63	-16.38
1 Quasi Peak	663.16 MHz	32.29	-13.72
1 Quasi Peak	801.44 MHz	34.09	-11.93
1 Quasi Peak	946.92 MHz	36.20	-9.81

Segalla 20040008

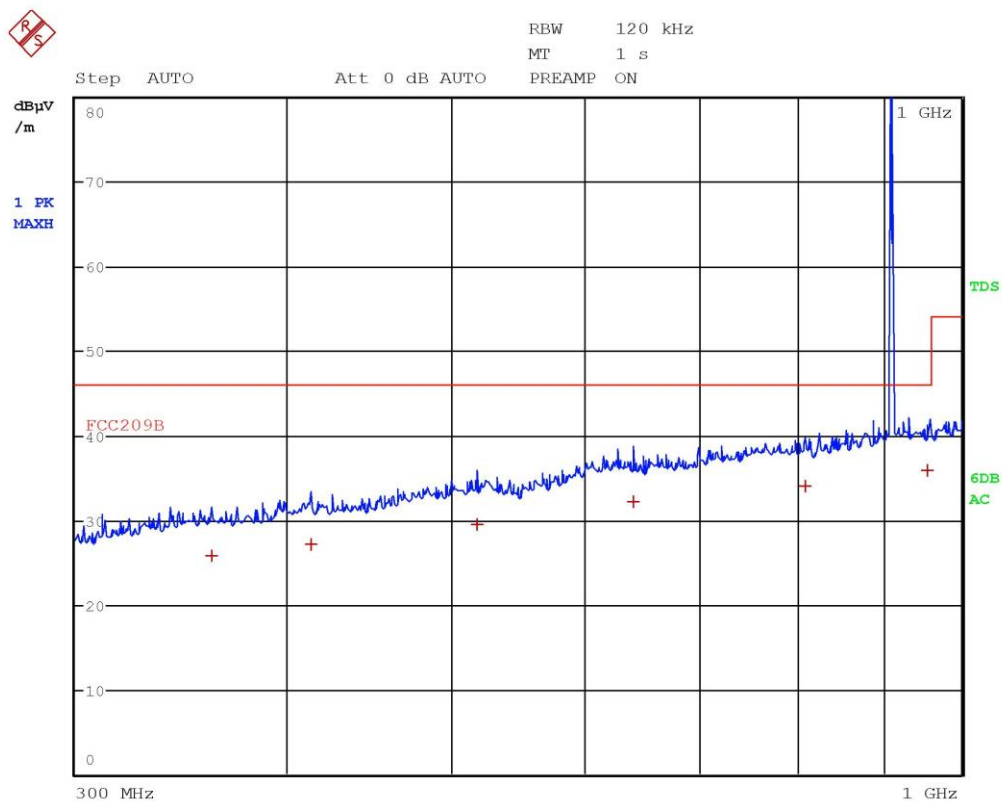


Segalla 20040009



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	366.08 MHz	25.90	-20.12
1 Quasi Peak	444.32 MHz	27.45	-18.56
1 Quasi Peak	534.56 MHz	29.63	-16.38
1 Quasi Peak	603.28 MHz	32.19	-13.82
1 Quasi Peak	798.64 MHz	34.02	-11.99
1 Quasi Peak	957.04 MHz	35.80	-10.21

Segalla 20040009

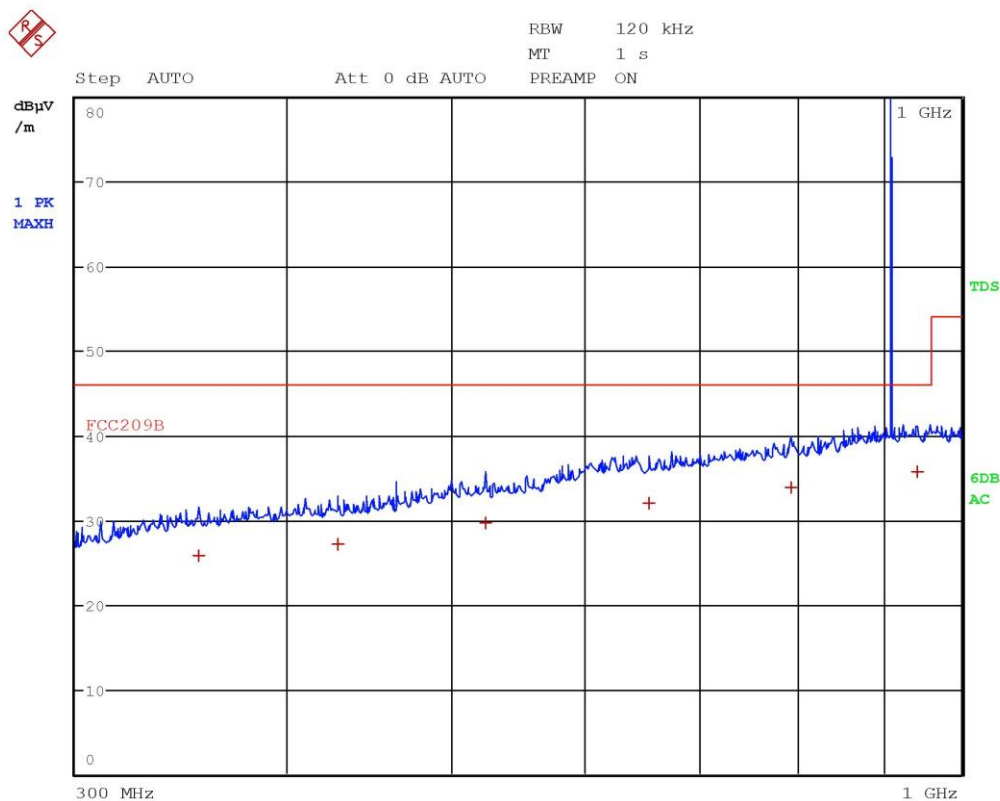


Segalla 20040011



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	361.24 MHz	25.85	-20.16
1 Quasi Peak	413.36 MHz	27.20	-18.81
1 Quasi Peak	517.72 MHz	29.58	-16.44
1 Quasi Peak	640.6 MHz	32.20	-13.81
1 Quasi Peak	808.24 MHz	34.00	-12.01
1 Quasi Peak	953.84 MHz	35.82	-10.20

Segalla 20040011



Segalla 20040012