CMC Centro Misure Compatibilità S.r.l.
Via della Fisica, 20
36016 Thiene (VI) – ITALY
Tel./Fax +39 0445 367702
www.cmclab.it - info@cmclab.it

LAB N° 0168 L

Independent Testing Laboratory
Accredited by ACCREDIA according to UNI CEI EN ISO/IEC 17025 cert. nr. 0168

TEST REPORT
Nr. R20060101

Federal Communication Commission (FCC)

Report Reference No. ..... :	R20060101
Date of issue: ..... :	15.07.2020
Total number pages: ..... :	83
Applicant´s name ..... :	Autec S.r.l.
Address ..... :	Via Pomaroli, 65 – 36030 Caldogno (VI) – Italy
Test specification:	
Standards ..... :	FCC Rules & Regulations, Title 47:2019 Part 15 paragraph(s): 203, 204, 205, 207, 209, 215 and 247
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 ..... :	2020-04

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 ..... :	Transceiver unit
Trademark ..... :	Autec
Manufacturer ..... :	Autec S.r.l.
Model / Type reference ..... :	Model J9P Type VJ955
FCC ID ..... :	OQA-J9PVJ955
Rating(s) ..... :	7,4 Vdc from battery

Report

Tested by (name + signature) ..... :	G. Gandini	.....
Approved by (name + signature) ..... :	R. Beghetto	.....

1 Summary

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	15.07.2020	--

Testing and sampling:	
Date of receipt of test item	10.03.2020
Testing start date	27.04.2020
Testing end date	24.06.2020
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 P200320
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.	

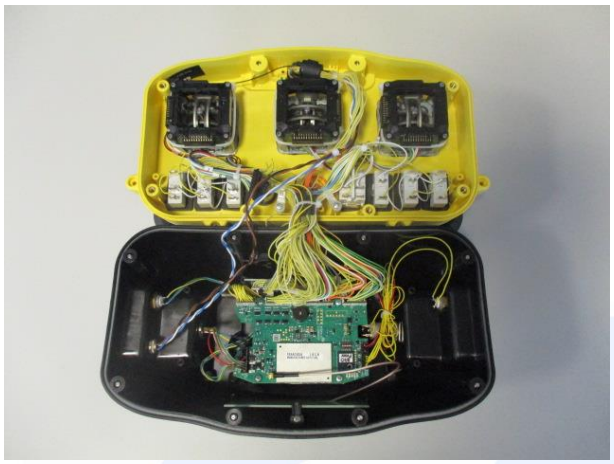
6 General description of test item(s)

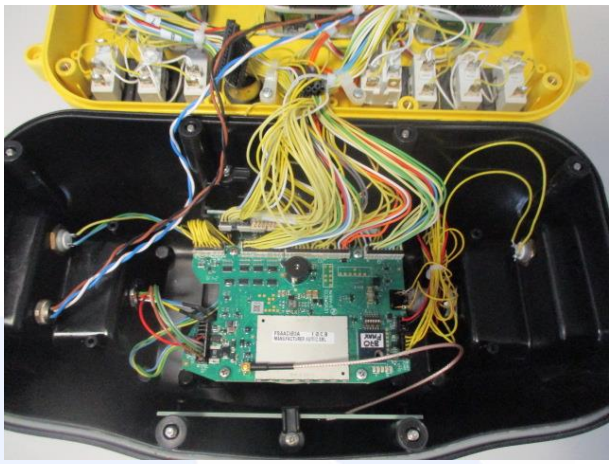
Description ..... :	Transceiver unit						
Model Number ..... :	Model J9P Type VJ955						
FCC ID ..... :	OQA-J9PVJ955						
Serial Number ..... :	--						
Brand name ..... :	Autec						
Frequency band ..... :	902 – 928 MHz						
Nominal frequencies ..... :	F_L: 915,075 MHz		F_M: 921,425 MHz		F_H: 927,825 MHz		
Rated power supply ..... :		Voltage and Frequency	Reference poles				
			N	L1	L2	L3	PE
	☐	AC:	☐	☐	☐	☐	☐
	☐	AC:	☐	☐	☐	☐	☐
	☒	DC: 7,4 V from battery					☐
Pseudo randomly ordered list of hopping frequencies ..... :	See document j9p_vj955_operational_description-rev0						
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					

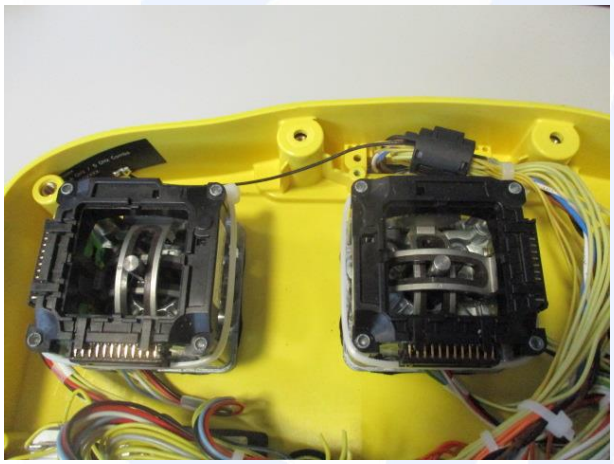
6.1 Photos of the test item

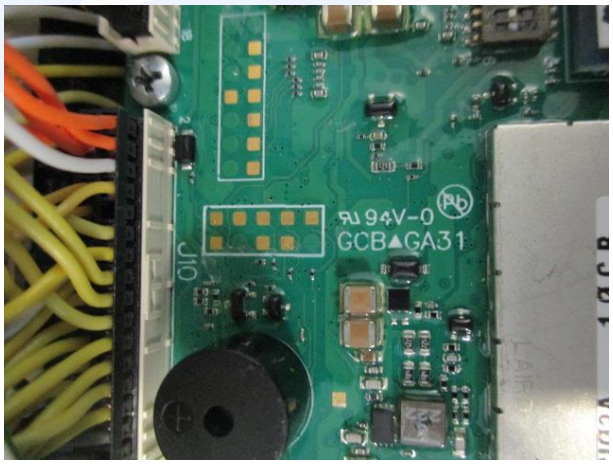


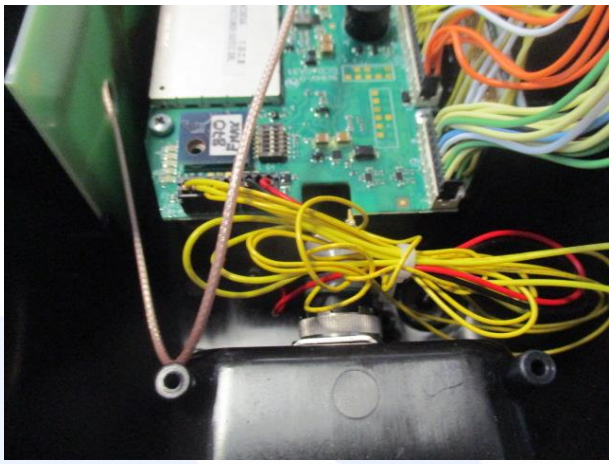


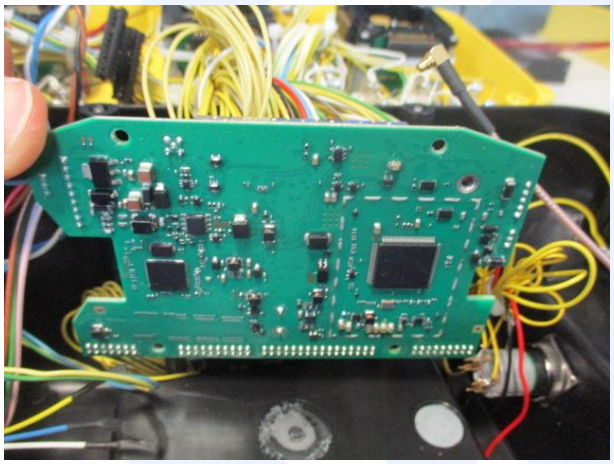



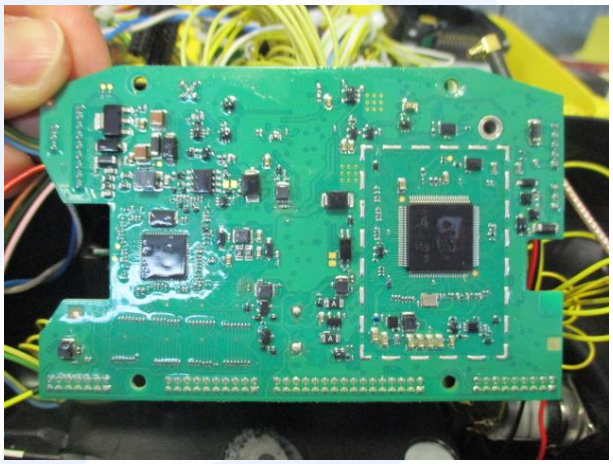


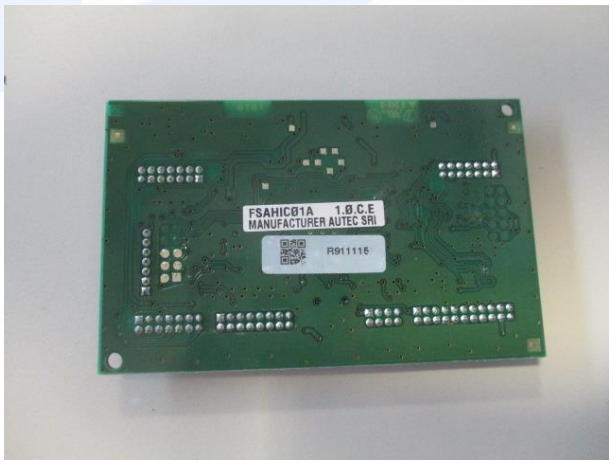


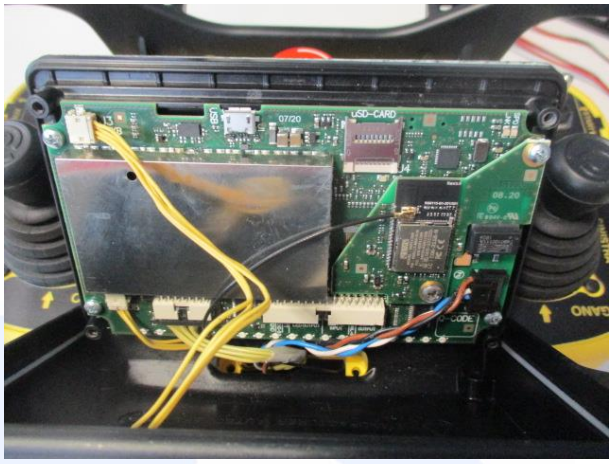


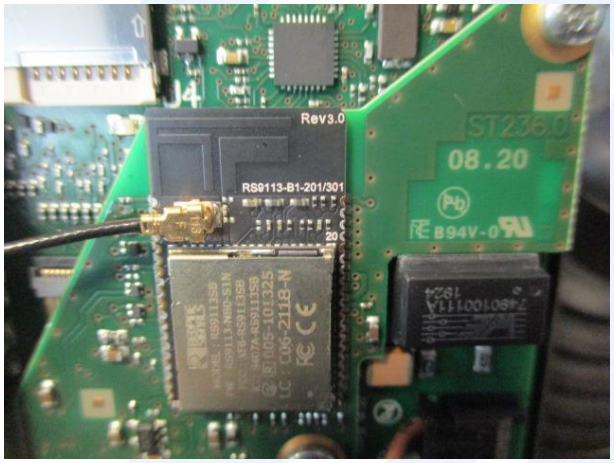


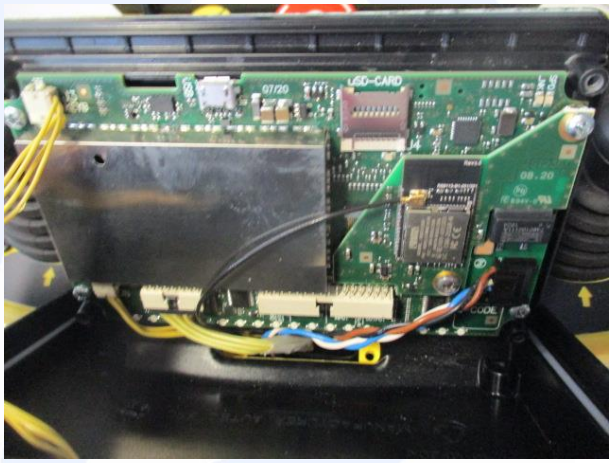


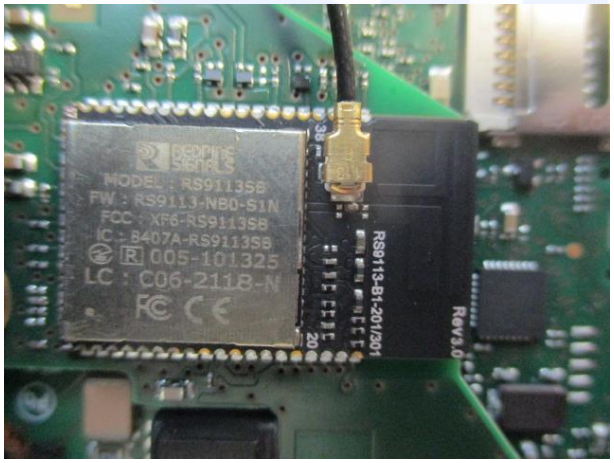












7 Verdict summary section

FCC Rules & Regulations, Title 47:2019 Part 15 paragraph(s): 203, 204, 205, 207, 209, 215 and 247			
Clause	**Requirement – Test case**	**Basic standard**	**Verdict**
Part 15.247 (a) (1)	Pseudo randomly ordered list of hopping frequencies	--	**P**
Part 15.203	Antenna requirements	ANSI C63.10	**P**
Part 15.207	Conducted emissions	ANSI C63.10	**N/A (+)**
Part 15.209	Radiated emissions and spurious emission	ANSI C63.10	**P**
Part 15.247	20 dB Bandwidth	ANSI C63.10	**P**
Part 15.247	Channel Separation	ANSI C63.10	**P**
Part 15.247	Number of Hopping Channel	ANSI C63.10	**P**
Part 15.247	Time of occupancy	ANSI C63.10	**P**
Part 15.247	Band edge	ANSI C63.10	**P**
Part 15.209 and 15.247	Peak Output Power	ANSI C63.10	**P**

(+) Devices which only employ battery power. See FCC Part 15.207 (c)

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 ..... :	G. Gandini	
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 dBi	
External R.F. power amplifier ..... :	Not Present	

9.2 Emissions in restricted frequency bands and in unrestricted frequency bands

Tested by ..... :	G. Gandini	
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(µV/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 ≥ 1000 MHz)			
Frequency (MHz)	*Test distance (m)*	*AV limits [dB(µV/m)]*	*Peak limits [dB(µV/m)]*
> 1000	3	54	74

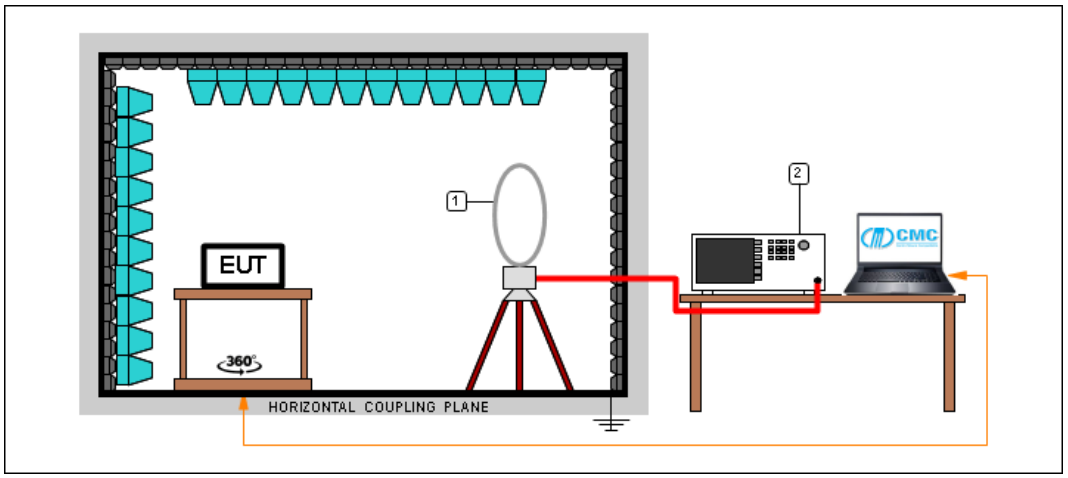
The restricted frequency bands are listed in the following table

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.

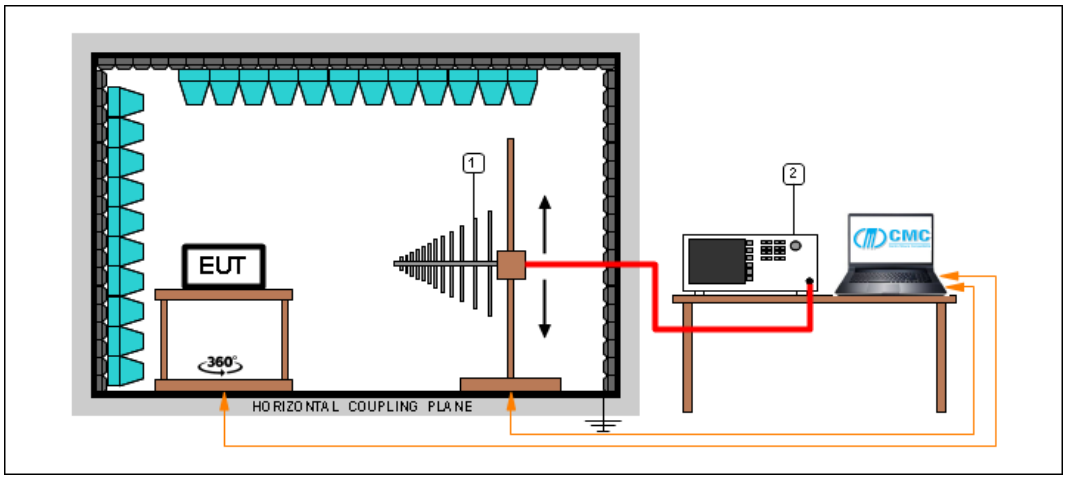
Test setup

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

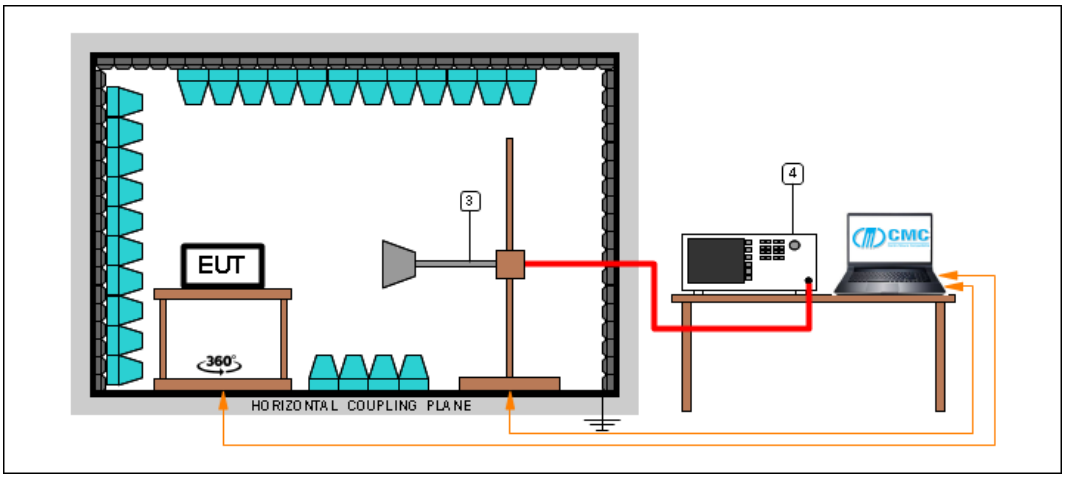
Frequency ≤ 1 GHz



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

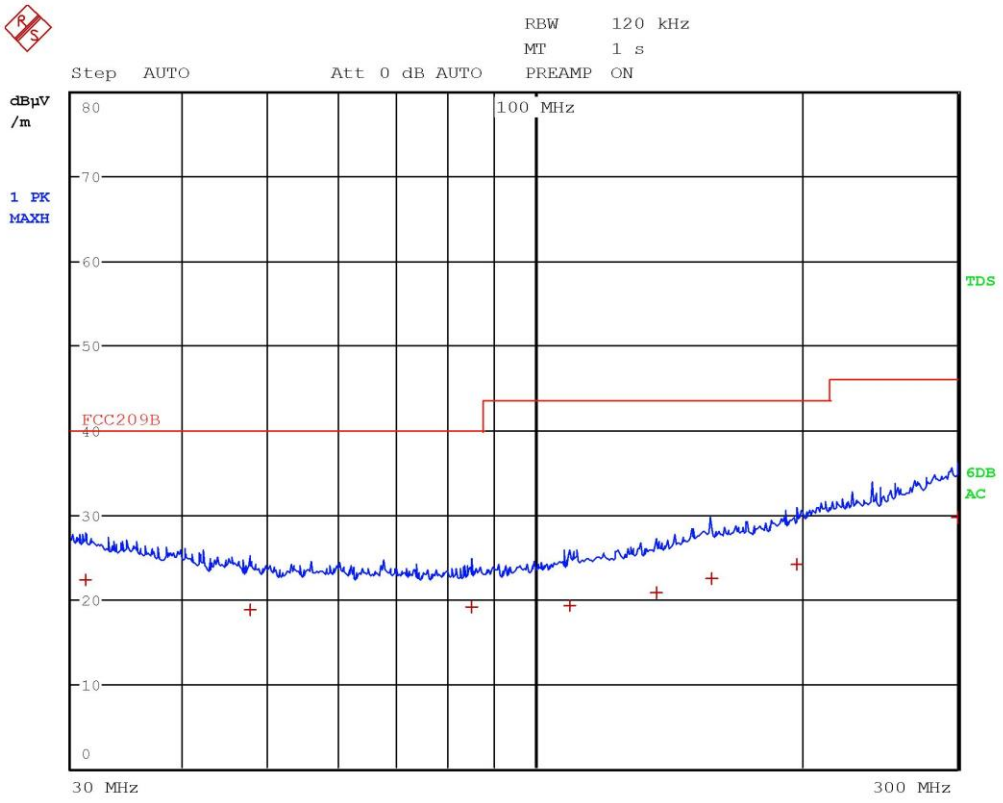
Result

Polarization	*Frequency Range (MHz)*	*Graphs*	*Remarks*	*Result*
V	30 – 300	G20060101	Lowest channel	P
H	30 – 300	G20060102	Lowest channel	P
H	30 – 300	G20060103	Medium channel	P
V	30 – 300	G20060104	Medium channel	P
V	30 – 300	G20060105	Highest channel	P
H	30 – 300	G20060106	Highest channel	P
V	1000 – 10000	G20060107	Lowest channel	P
H	1000 – 10000	G20060108	Lowest channel	P
H	1000 – 10000	G20060109	Medium channel	P
V	1000 – 10000	G20060110	Medium channel	P
V	1000 – 10000	G20060111	Highest channel	P
H	1000 – 10000	G20060112	Highest channel	P
H	300 – 1000	G20060113	Highest channel	P
V	300 – 1000	G20060114	Highest channel	P
V	300 – 1000	G20060115	Medium channel	P
H	300 – 1000	G20060116	Medium channel	P
H	300 – 1000	G20060117	Lowest channel	P
V	300 – 1000	G20060118	Lowest channel	P
Loop	0,009 – 30	G20060119	Worst case	P

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 40log(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 20log(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



Gandini 20060101

EDIT PEAK LIST (Final Measurement Results)

Trace1:	FCC209B
Trace2:	---
Trace3:	---

TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
1 Quasi Peak	31.08 MHz	22.34	-17.65
1 Quasi Peak	47.72 MHz	18.69	-21.30
1 Quasi Peak	84.76 MHz	19.15	-20.84
1 Quasi Peak	109.32 MHz	19.22	-24.29
1 Quasi Peak	137.08 MHz	20.77	-22.74
1 Quasi Peak	158.24 MHz	22.39	-21.12
1 Quasi Peak	197.8 MHz	24.08	-19.43
1 Quasi Peak	299.72 MHz	29.67	-16.34

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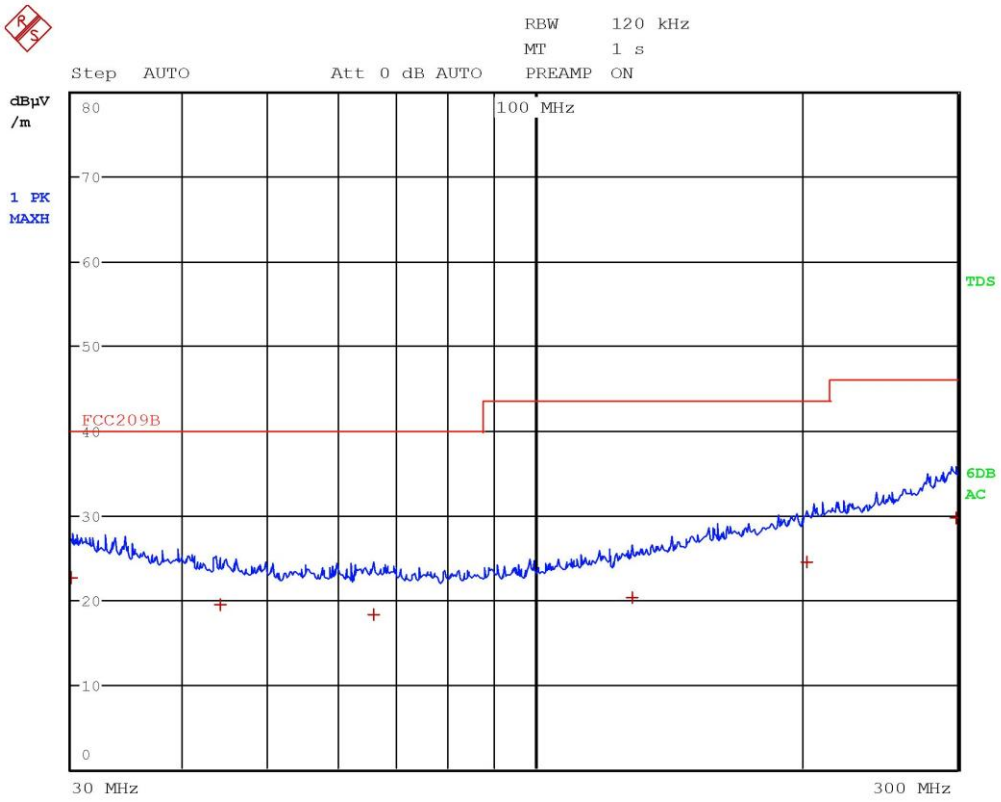


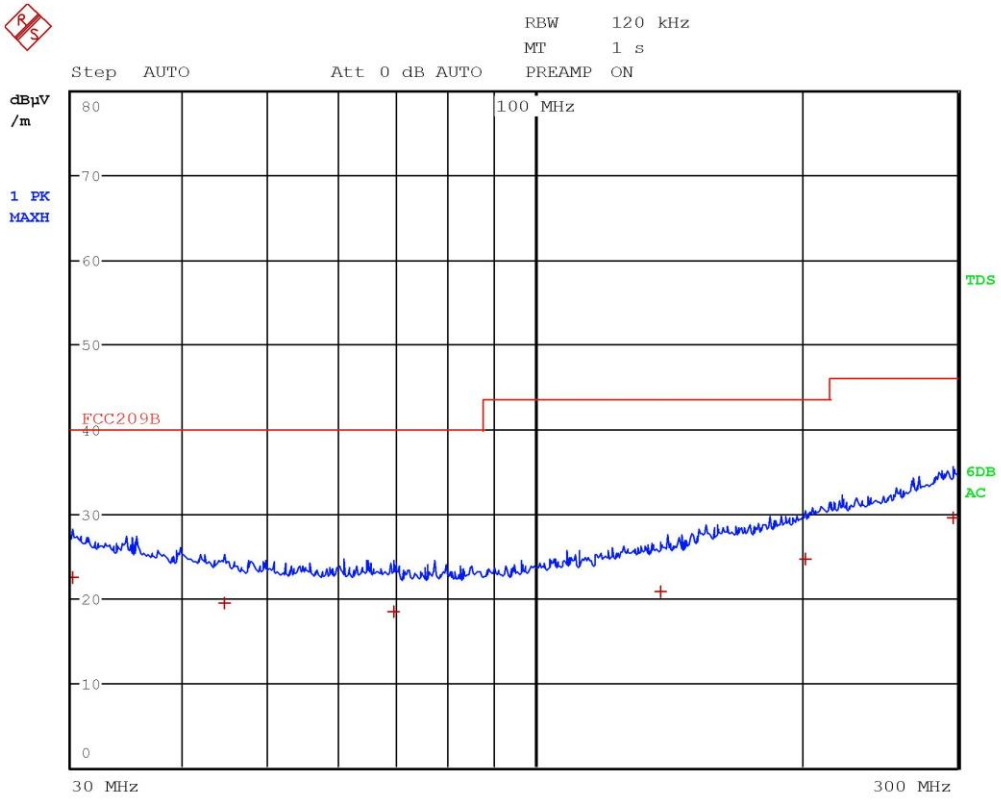
Gandini 20060102

EDIT PEAK LIST (Final Measurement Results)

Trace1:	FCC209B
Trace2:	---
Trace3:	---

TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
1 Quasi Peak	30.04 MHz	22.59	-17.41
1 Quasi Peak	44.08 MHz	19.46	-20.53
1 Quasi Peak	65.68 MHz	18.21	-21.78
1 Quasi Peak	128.92 MHz	20.30	-23.21
1 Quasi Peak	202.92 MHz	24.46	-19.05
1 Quasi Peak	298.36 MHz	29.64	-16.38

Gandini 20060102



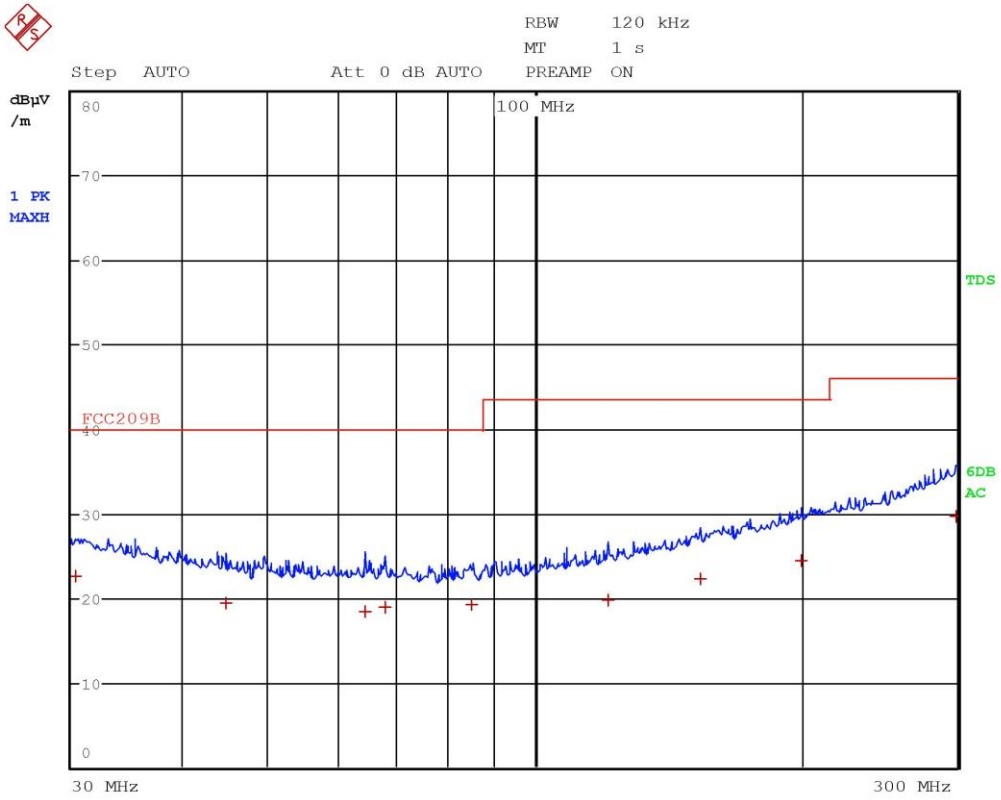
Gandini 20060103

EDIT PEAK LIST (Final Measurement Results)

Trace1:	FCC209B
Trace2:	---
Trace3:	---

TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
1 Quasi Peak	30.12 MHz	22.51	-17.48
1 Quasi Peak	44.72 MHz	19.48	-20.51
1 Quasi Peak	69.24 MHz	18.32	-21.67
1 Quasi Peak	138.48 MHz	20.80	-22.71
1 Quasi Peak	202.12 MHz	24.54	-18.97
1 Quasi Peak	296.88 MHz	29.42	-16.59

Gandini 20060103



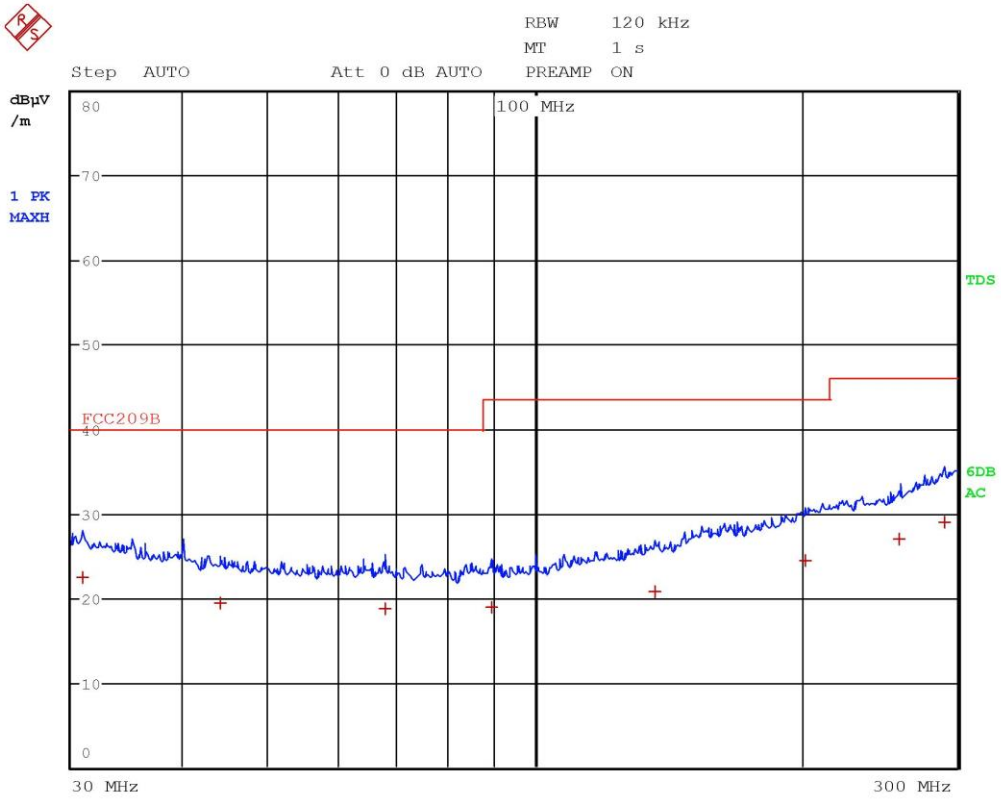
Gandini 20060104

EDIT PEAK LIST (Final Measurement Results)

Trace1:	FCC209B
Trace2:	---
Trace3:	---

TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
1 Quasi Peak	30.32 MHz	22.58	-17.41
1 Quasi Peak	44.8 MHz	19.46	-20.53
1 Quasi Peak	64.4 MHz	18.38	-21.61
1 Quasi Peak	67.72 MHz	18.95	-21.04
1 Quasi Peak	84.76 MHz	19.19	-20.80
1 Quasi Peak	121 MHz	19.69	-23.82
1 Quasi Peak	153.84 MHz	22.19	-21.32
1 Quasi Peak	200.12 MHz	24.40	-19.11
1 Quasi Peak	299.08 MHz	29.61	-16.40

Gandini 20060104



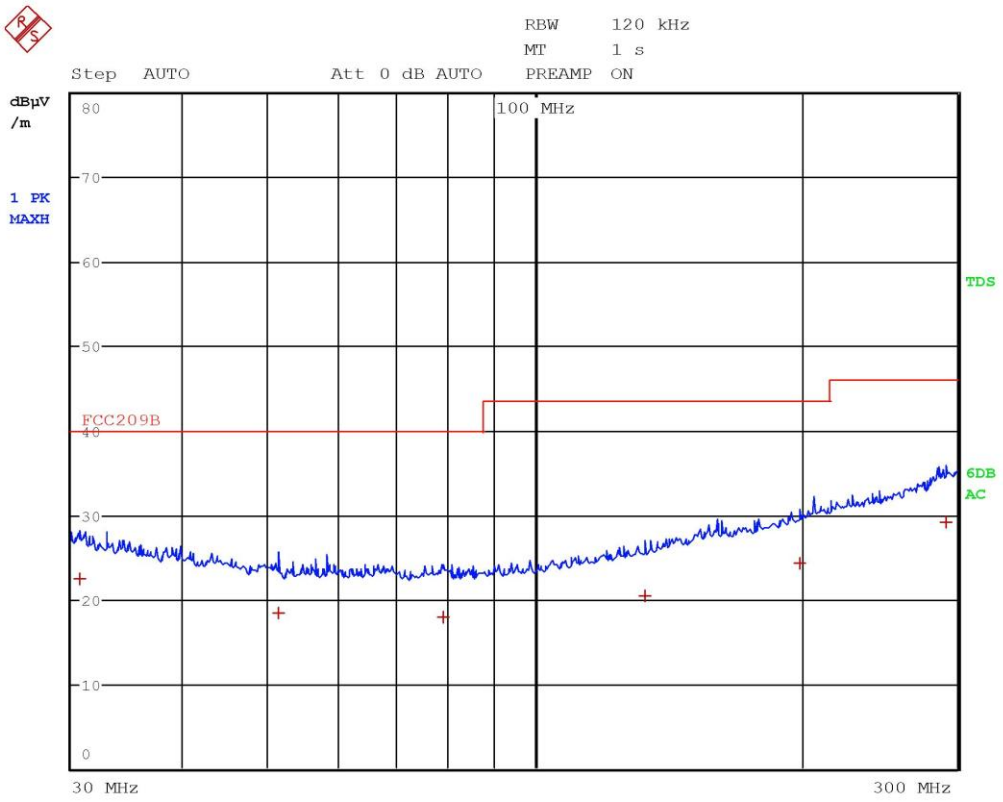
Gandini 20060105

EDIT PEAK LIST (Final Measurement Results)

Trace1:	FCC209B
Trace2:	---
Trace3:	---

TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
1 Quasi Peak	30.88 MHz	22.48	-17.51
1 Quasi Peak	44.16 MHz	19.48	-20.51
1 Quasi Peak	67.72 MHz	18.73	-21.26
1 Quasi Peak	89.48 MHz	18.98	-24.53
1 Quasi Peak	136.64 MHz	20.79	-22.72
1 Quasi Peak	201.92 MHz	24.50	-19.01
1 Quasi Peak	257.64 MHz	27.00	-19.01
1 Quasi Peak	289.96 MHz	29.02	-16.99

Gandini 20060105



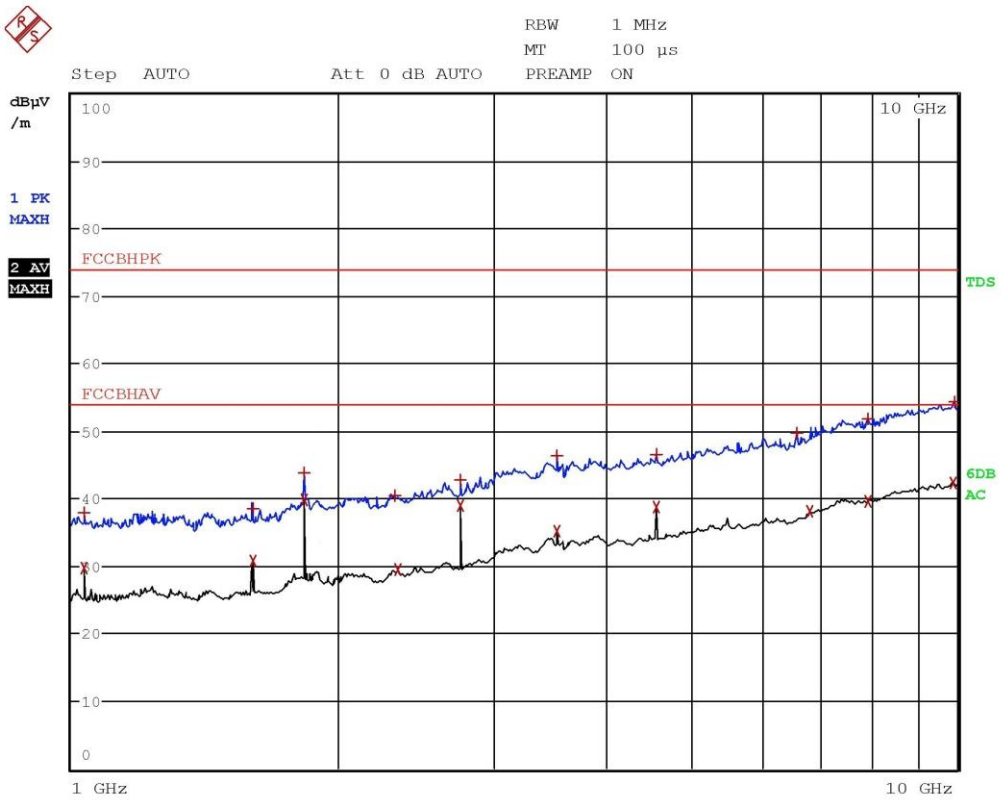
Gandini 20060106

EDIT PEAK LIST (Final Measurement Results)

Trace1:	FCC209B
Trace2:	---
Trace3:	---

TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
1 Quasi Peak	30.68 MHz	22.44	-17.55
1 Quasi Peak	51.32 MHz	18.47	-21.52
1 Quasi Peak	78.84 MHz	17.81	-22.18
1 Quasi Peak	132.96 MHz	20.41	-23.10
1 Quasi Peak	199.24 MHz	24.25	-19.26
1 Quasi Peak	291.48 MHz	29.09	-16.92

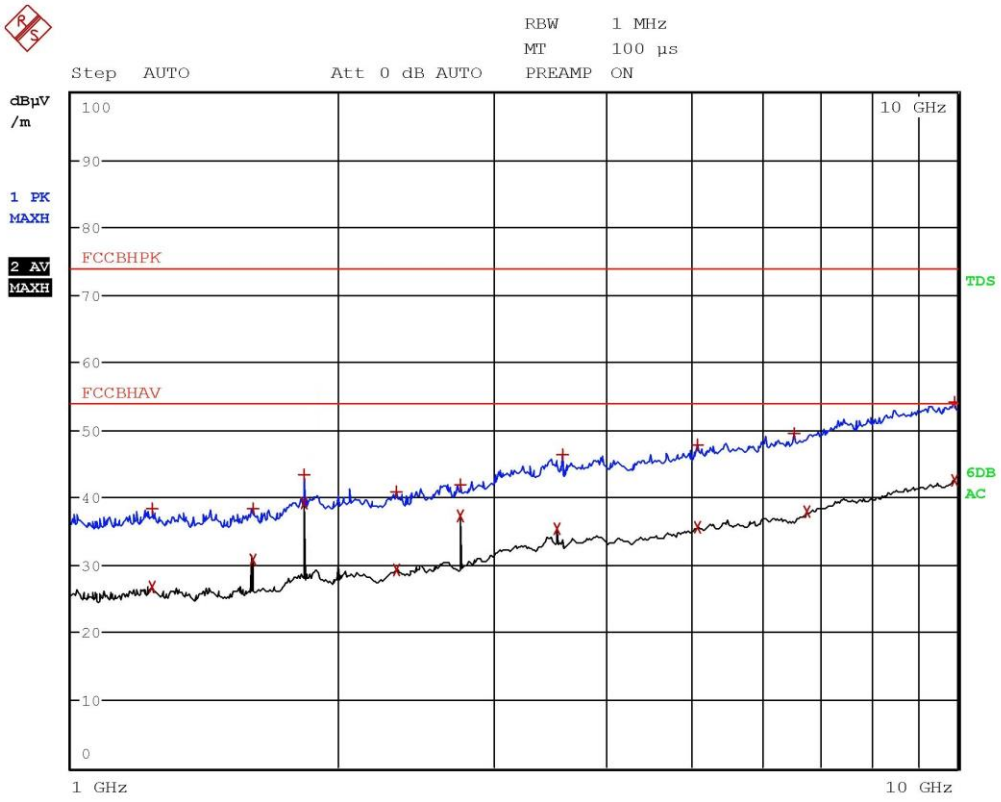
Gandini 20060106



Gandini 20060107

EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
2 Average	1.034 GHz	29.79	-24.18
1 Max Peak	1.034 GHz	37.98	-35.99
2 Average	1.6012 GHz	30.75	-23.22
1 Max Peak	1.6016 GHz	38.52	-35.45
1 Max Peak	1.83 GHz	43.80	-30.17
2 Average	1.83 GHz	39.84	-14.13
1 Max Peak	2.3148 GHz	40.36	-33.61
2 Average	2.3372 GHz	29.50	-24.47
2 Average	2.7452 GHz	38.91	-15.06
1 Max Peak	2.7452 GHz	42.78	-31.19
2 Average	3.5356 GHz	35.27	-18.70
1 Max Peak	3.5356 GHz	46.23	-27.74
1 Max Peak	4.5756 GHz	46.48	-27.50
2 Average	4.5756 GHz	38.75	-15.22
1 Max Peak	6.5952 GHz	49.62	-24.35
2 Average	6.8044 GHz	38.05	-15.92
2 Average	7.9352 GHz	39.67	-14.30
1 Max Peak	7.9396 GHz	51.68	-22.29
2 Average	9.8928 GHz	42.26	-11.71
1 Max Peak	9.9108 GHz	54.37	-19.60

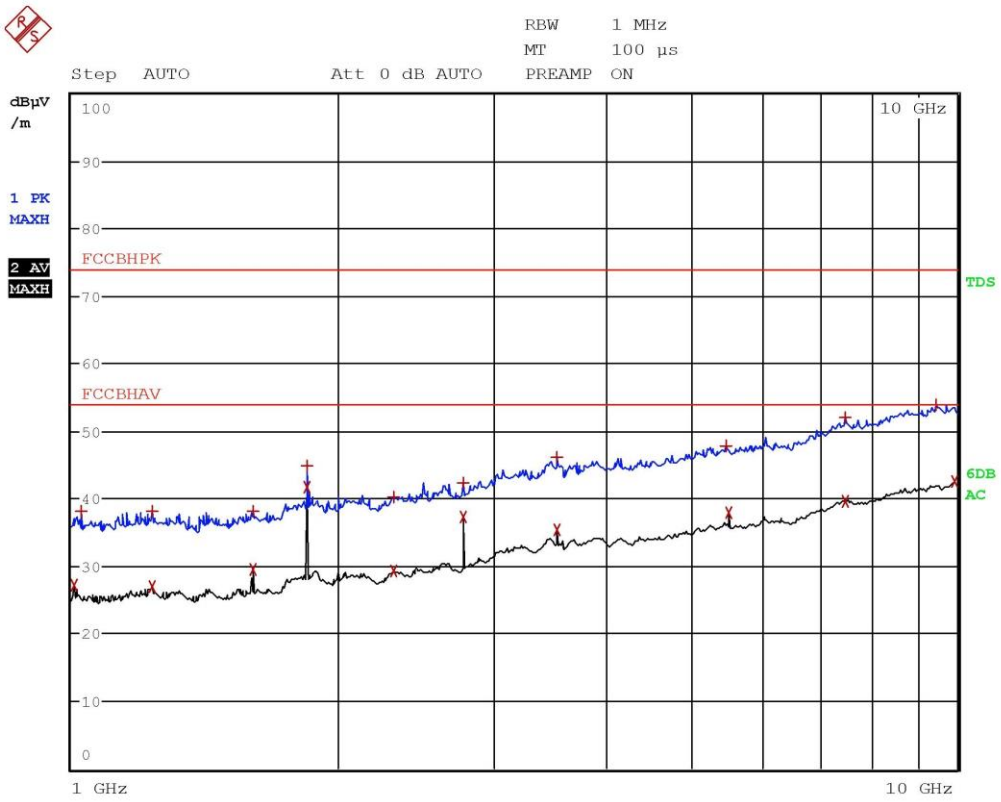
Gandini 20060107



Gandini 20060108

EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
2 Average	1.232 GHz	26.80	-27.17
1 Max Peak	1.2328 GHz	38.34	-35.63
2 Average	1.6004 GHz	30.73	-23.24
1 Max Peak	1.6008 GHz	38.42	-35.55
1 Max Peak	1.83 GHz	43.44	-30.53
2 Average	1.83 GHz	39.16	-14.81
1 Max Peak	2.3244 GHz	40.89	-33.09
2 Average	2.3256 GHz	29.38	-24.59
2 Average	2.7452 GHz	37.30	-16.67
1 Max Peak	2.7452 GHz	41.87	-32.10
2 Average	3.5356 GHz	35.34	-18.63
1 Max Peak	3.584 GHz	46.34	-27.63
1 Max Peak	5.084 GHz	47.88	-26.09
2 Average	5.0956 GHz	35.58	-18.39
1 Max Peak	6.534 GHz	49.40	-24.57
2 Average	6.7636 GHz	37.89	-16.08
1 Max Peak	9.9112 GHz	54.07	-19.90
2 Average	9.912 GHz	42.45	-11.52

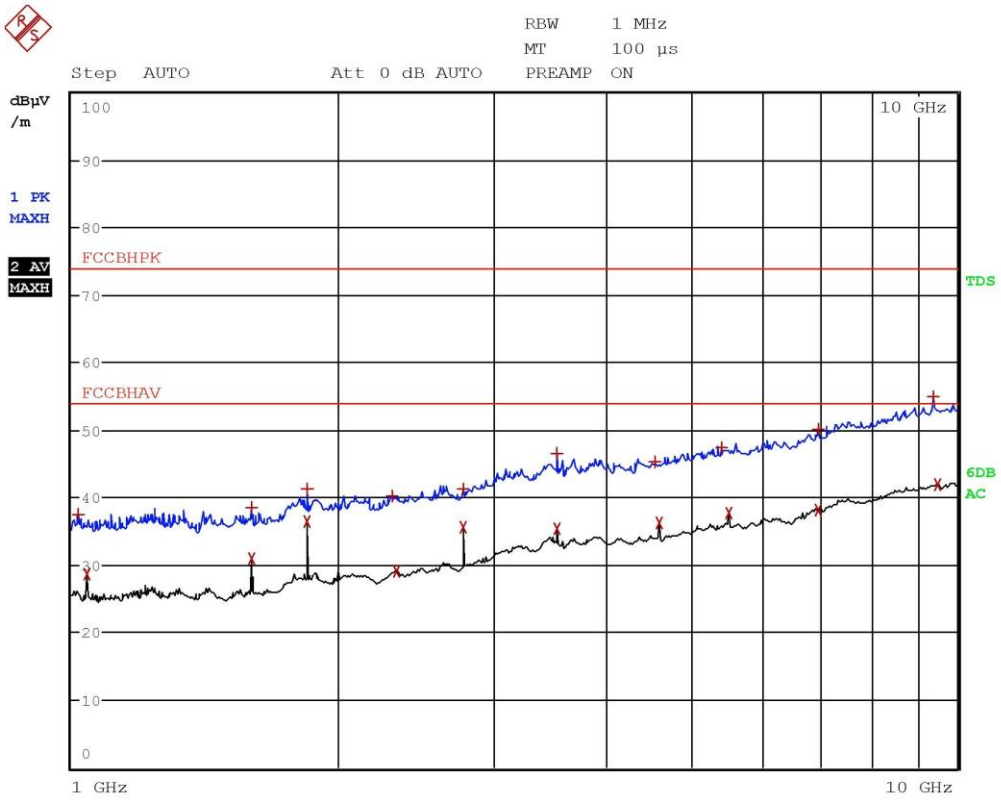
Gandini 20060108



Gandini 20060109

EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
2 Average	1.008 GHz	27.20	-26.77
1 Max Peak	1.026 GHz	38.06	-35.91
1 Max Peak	1.2332 GHz	38.18	-35.79
2 Average	1.2332 GHz	27.00	-26.97
2 Average	1.6012 GHz	29.60	-24.37
1 Max Peak	1.6012 GHz	38.20	-35.77
1 Max Peak	1.8428 GHz	44.76	-29.21
2 Average	1.8428 GHz	41.62	-12.35
1 Max Peak	2.3104 GHz	40.32	-33.65
2 Average	2.3116 GHz	29.22	-24.75
2 Average	2.7644 GHz	37.34	-16.63
1 Max Peak	2.7644 GHz	42.23	-31.74
1 Max Peak	3.5356 GHz	46.17	-27.80
2 Average	3.5356 GHz	35.46	-18.52
1 Max Peak	5.472 GHz	47.71	-26.26
2 Average	5.5284 GHz	37.96	-16.01
2 Average	7.4576 GHz	39.66	-14.31
1 Max Peak	7.4584 GHz	52.00	-21.97
1 Max Peak	9.4676 GHz	53.95	-20.02
2 Average	9.9108 GHz	42.45	-11.52

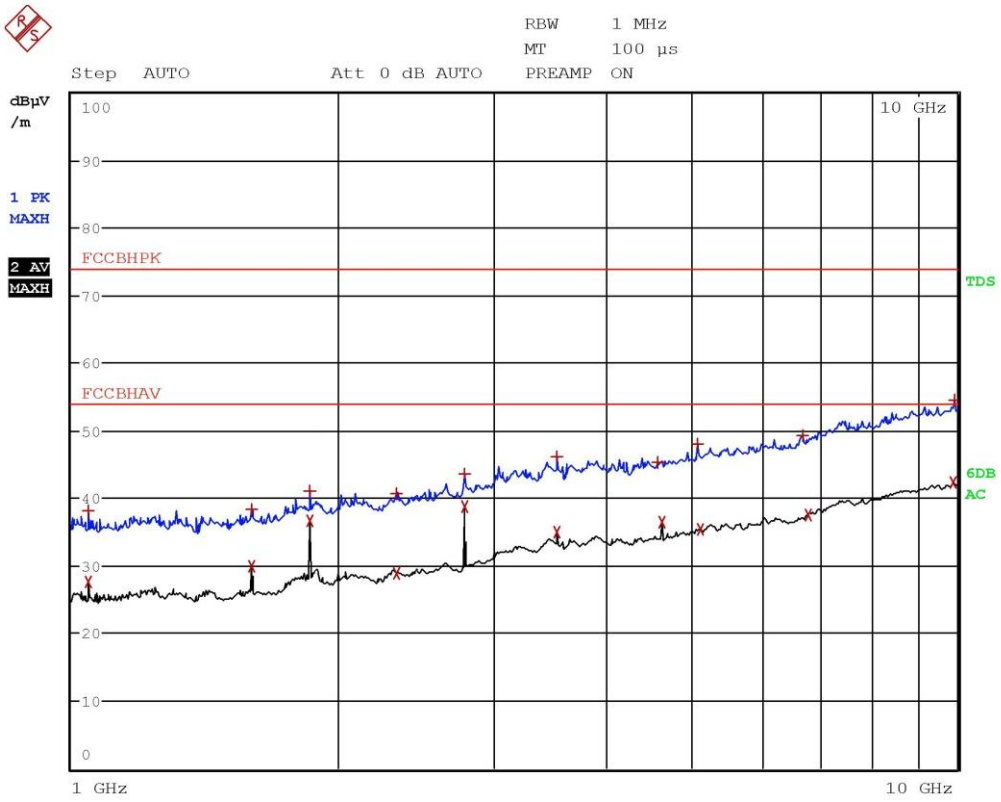
Gandini 20060109



Gandini 20060110

EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
1 Max Peak	1.0168 GHz	37.48	-36.50
2 Average	1.0404 GHz	28.57	-25.40
2 Average	1.5992 GHz	30.94	-23.03
1 Max Peak	1.5996 GHz	38.65	-35.32
2 Average	1.8428 GHz	36.48	-17.49
1 Max Peak	1.8428 GHz	41.35	-32.62
1 Max Peak	2.3016 GHz	40.27	-33.70
2 Average	2.326 GHz	29.03	-24.94
1 Max Peak	2.764 GHz	41.37	-32.61
2 Average	2.7644 GHz	35.66	-18.31
2 Average	3.5356 GHz	35.30	-18.67
1 Max Peak	3.5356 GHz	46.58	-27.39
1 Max Peak	4.5484 GHz	45.33	-28.64
2 Average	4.6072 GHz	36.30	-17.67
1 Max Peak	5.422 GHz	47.34	-26.63
2 Average	5.5284 GHz	37.79	-16.18
2 Average	6.9592 GHz	38.19	-15.78
1 Max Peak	6.966 GHz	50.07	-23.91
1 Max Peak	9.4068 GHz	54.98	-18.99
2 Average	9.4952 GHz	41.91	-12.06

Gandini 20060110



Gandini 20060111

EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
1 Max Peak	1.0456 GHz	38.05	-35.92
2 Average	1.0468 GHz	27.71	-26.26
1 Max Peak	1.5984 GHz	38.43	-35.54
2 Average	1.5988 GHz	29.86	-24.11
1 Max Peak	1.8556 GHz	41.15	-32.82
2 Average	1.8556 GHz	36.56	-17.41
1 Max Peak	2.326 GHz	40.63	-33.34
2 Average	2.3268 GHz	28.90	-25.07
1 Max Peak	2.7832 GHz	43.63	-30.34
2 Average	2.7836 GHz	38.75	-15.22
2 Average	3.5356 GHz	34.94	-19.03
1 Max Peak	3.5356 GHz	46.00	-27.97
1 Max Peak	4.5892 GHz	45.36	-28.61
2 Average	4.6392 GHz	36.46	-17.51
1 Max Peak	5.0832 GHz	47.98	-25.99
2 Average	5.124 GHz	35.29	-18.68
1 Max Peak	6.6976 GHz	49.18	-24.79
2 Average	6.784 GHz	37.60	-16.37
2 Average	9.8836 GHz	42.43	-11.54
1 Max Peak	9.9208 GHz	54.51	-19.46

Gandini 20060111