



TEST REPORT nr. R18185201

Federal Communication Commission (FCC)

Test item

Description: TRANSCEIVER UNIT
Trademark: AUTEC
Model/Type: Model J6D Type NJ335
FCC ID: OQA-J6DNJ335

Test Specification

Standard: FCC Rules & Regulations, Title 47:2017
Part 15 paragraph(s): 203, 204, 205, 207, 209 and 247

Client's name: AUTEC S.r.l.
Address: Via Pomaroli, 65 – 36030 Caldogno (VI) – ITALY

Manufacturer's name : Same as client
Address: --

Report

Tested by: G. Gandini
Approved by: R. Beghetto – Laboratory Manager
Date of issue: 13.12.18
Contents: 86 pages

Giovanni Gandini
.....
R. Beghetto
.....

This test 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 item tested.



Index

1. SUMMARY	3
2. DESCRIPTION OF EQUIPMENT UNDER TEST (EUT)	4
2.1 TEST SITE	4
3. TESTING AND SAMPLING	4
4. OPERATIVE CONDITIONS	4
5. PHOTOGRAPH(S) OF EUT	5
5.1 PHOTOGRAPH(S) OF EUT	5
6. EQUIPMENT LIST	7
7. MEASUREMENT UNCERTAINTY	8
8. REFERENCE DOCUMENTS	10
9. DEVIATION FROM TEST SPECIFICATION	11
10. TEST CASE VERDICTS	11
11. RESULTS	12
11.1 ANTENNA REQUIREMENTS	13
11.2 RADIATED EMISSIONS	14
11.3 20 DB BANDWIDTH	55
11.4 CHANNEL SEPARATION	59
11.5 NUMBER OF HOPPING CHANNELS	62
11.6 TIME OF OCCUPANCY	66
11.7 BAND EDGE	70
11.8 PEAK OUTPUT POWER	78
11.9 SPURIOUS EMISSION	82



1. Summary

Standard:

FCC Rules & Regulations, Title 47:2017

Part 15 paragraph(s): 203, 204, 205, 207, 209 and 247

Test specifications	Environmental Phenomena	Tests sequence	Result
Part 15.247 (a) (1)	Pseudo randomly ordered list of hopping frequencies	1	Complies
Part 15.203	Antenna requirements	2	Complies
Part 15.207	Conducted emissions	--	N.A. (+)
Part 15.209	Radiated emissions	3	Complies
Part 15.247	20 dB Bandwidth	4	Complies
Part 15.247	Channel Separation	5	Complies
Part 15.247	Number of Hopping Channel	6	Complies
Part 15.247	Time of occupancy	7	Complies
Part 15.247	Band edge	8	Complies
Part 15.209 and 15.247	Peak Output Power	9	Complies
Part 15.209	Spurious emission	10	Complies

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

The Test Report was given to the Client representatives for necessary documentation of ratification of the tested equipment and it is valid for the FCC certification



CMC
Centro Misure Compatibilità S.r.l.
Via della Fisica, 20
36016 Thiene (VI)

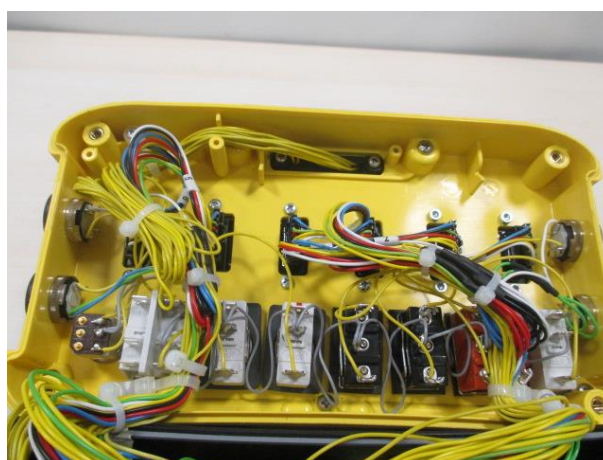
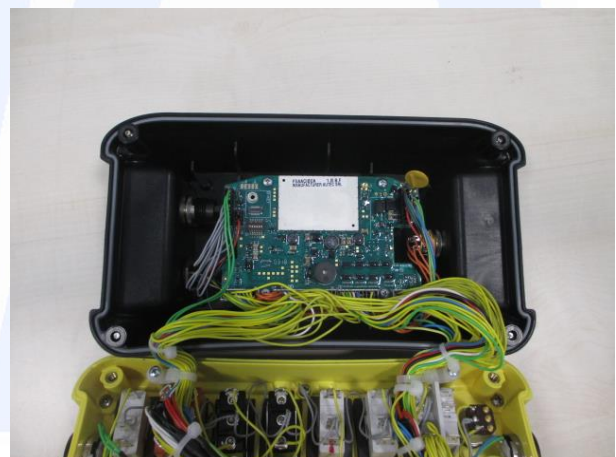


LAB N° 0168

5. Photograph(s) of EUT

5.1 Photograph(s) of EUT







6. Equipment list

<i>Id. number</i>	<i>Manufacturer</i>	<i>Model</i>	<i>Description</i>	<i>Serial number</i>	<i>Last calibration</i>	<i>Due date calibration</i>
CMC S010	Rohde & Schwarz	ESH3-Z2	Impulses Limiting Device	---	January '18	January '19
CMC S108	EMCO	3115	Horn Antenna	9811-5622	June '16	June '19
CMC S127	Schaffner	HLA6120	Loop Antenna	1191	November '13	November '18
CMC S164	Rohde & Schwarz	ESU26	EMC interference receiver	100052	January '18	January '19
CMC S200	Schwarzbeck	NSLK 8128	V-LISN	8128-273	January '18	January '19
CMC S227	Rohde & Schwarz	ESR7	EMI Test Receiver 7GHz	101121	January '18	January '19
CMC S260	CMC	Wfr_N	Shielded Cable	Wfr_ant10-1	November '17	November '18
CMC S261	CMC	Wfr_N	Shielded Cable	Wfr_ant20-1	November '17	November '18
CMC S262	CMC	Wfr_N_fix	Shielded Cable	Wfr_fix32-1	November '17	November '18
CMC S263	CMC	Wfr_N_fix	Shielded Cable	Wfr_fix31-1	November '17	November '18
CMC S264	CMC	Wfr_N	Shielded Cable	Wfr_ext03-1	November '17	November '18
CMC S271	Schwarzbeck	BBA 9106 + VHBB 9124	Biconical Antenna (30-300MHz)	831	June '16	June '19
CMC S287	Schwarzbeck	VUSLP 9111B	Log-periodic Antenna (200 MHz-3GHz)	9111B-203	June '16	June '19
CMC S288	CMC	W_sma_white	Joint Shielded Cable	W_001	November '17	November '18



7. Measurement uncertainty

Test	Test Setup	Expanded uncertainty	Note
Conducted emission CISPR 16 LISN 50uH 0,009-0,0150MHz	PE001_01	3,4 dB	1
Conducted emission CISPR 16 LISN 50uH 0,150-30,0MHz	PE001_01	2,8 dB	1
Conducted emission CISPR 16 Voltage Probe 0,15-30MHz	PE001_02	2,6 dB	1
Conducted emission CISPR 16 Current Probe 0,15-30MHz	PE001_03	2,2 dB	1
Conducted emission CISPR 16 ISN 0,15-30MHz	PE001_04	4,5 dB	1
Clic CISPR 16 LISN 50uH 0,150-30,0MHz	PE001_05	3,1 dB	1
Disturbance Power 30-300 MHz	PE002_01	3,4 dB	1
Radiated Emission LAS 0,15-30MHz	PE003_01	1,5 dB	1
Radiated Emission CISPR 16 Loop Ant. 0,15-30MHz	PE004_01	3,8 dB	1
Radiated Emission CISPR 16 Bicon. Ant. 30-300MHz	PE004_02	3,3 dB	1
Radiated Emission CISPR 16 LogP. Ant. 300-1000MHz	PE004_03	3,1 dB	1
Radiated Emission CISPR 16 Horn Ant. 1-18GHz	PE004_04	3,6 dB	1
Human Exposure to electromagnetic fields	PE005_01	15,0 %	1
Harmonic current emissions test	PE006_01	10 mA + 1,6 %	1
Voltage fluctuation and flicker test	PE007_01	4,2 %	1
Radiated Immunity 80MHz-6GHz	PE102_XX	2,1 dB 0,82 V/m a 3V/m	1
Conducted Immunity 0,15-230MHz	PE105_XX	1,2 dB 0,44 V a 3V	1
AC Magnetic field	PE106_01	1,55 % 0,15 A/m a 10A/m	1
Pulse Magnetic field	PE107_01	6,24 % 18,7 A/m a 300A/m	1
Dumped Magnetic field	PE108_01	6,24 % 1,87 A/m a 30A/m	1
Common mode conducted immunity	PE112_01	2,20 % 0,22 V a 10V	1



Test	Test Setup	Expanded uncertainty	Note
Power/Spurious 9kHz-30MHz	PR001_01	3,8 dB	1
Power/Spurious ERP 30-1000MHz d=10m	PR001_02+03	4,3 dB	1
Misura della potenza EIRP 1-18GHz d=3m	PR001_04	4,3 dB	1
Misura della potenza EIRP 18-40GHz d=3m	PR001_05	5,5 dB	1
Frequency error	PR002_01+02	$< 1 \times 10^{-7}$	1
Timing zero span (1001pts.)	PR002_01+02	0,2 % SWT	1
Modulation bandwidth	PR002_01+02	$< 1 \times 10^{-7}$	1
Conducted RF power and spurious emission	PR002_01+02	1,2 dB	1
Adjacent channel power	PR002_01+02	1,2 dB	1
Blocking	PR002_01+02	1,2 dB	1

Test	Test Setup	Expanded uncertainty	Note
Electrostatic discharge immunity test	PE101_0X		2
Electrical fast transients / burst immunity test	PE103_0X		2
Surge immunity test	PE104_0X		2
Short interruption immunity test	PE109_01		2
Rev_18_01 date 30/01/2018			

Note 1:

The expanded uncertainty reported according to EN55016-4-2:2011 is based on a standard uncertainty multiplied by a coverage factor of K=2, providing a level of confidence of p = 95%

Note 2:

It has been demonstrated that the used test equipment meets the specified requirements in the standard with at least a 95% confidence, covering factor k = 2



8. Reference documents

Reference no.	Description
FCC Rules and Regulation Title 47 part 15:2017 KDB 558074 D01 15.247 Meas Guidance v05	-- 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
Internal Procedure PM001 rev. 3.0 (Quality Manual)	Measure Procedure
Internal procedure INC_M rev. 9.1 (Quality Manual)	Measurement uncertainty calculation



9. Deviation from test specification

None

10. Test case verdicts

Test case does not apply to the test object : N.A.

Test item does meet the requirement : Complies

Test item does not meet the requirement : Does not comply

Test not performed : N.E.

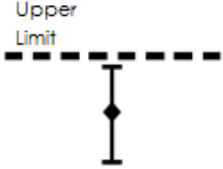
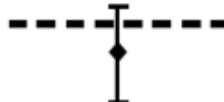
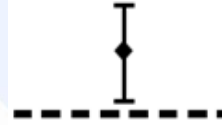


11. Results

In this clause tests results are reported.

Measurement uncertainty is in accordance with document CMC INC_M rev. 9.1.

Judgement of compliance:

Case 1	Case 2	Case 3	Case 4
			
The sample complies with the requirement.	The sample complies with the requirement.	The sample does not comply with the requirement.	The sample does not comply with the requirement.
The measurement results is within the specification limit when the measurement uncertainty is taken into account.	It is not possible to state compliance using a 95% coverage probability for the expanded uncertainty although the measurement result is below the limit.	It is not possible to state compliance using a 95% coverage probability for the expanded uncertainty also the measurement result is upper the limit.	The measurement results is outside the specification limit when the measurement uncertainty is taken into account.

In agreement with ILAC-G8: 03/2009 Guidelines on the Reporting of Compliance with Specification.



11.1 Antenna requirements

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.203 and 15.204
- Internal procedure PM001
- See clause 4 of this test report

Test configuration and test method

Test site:
Laboratory

Auxiliary equipment:
See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test equipment used

--
Measurement uncertainty: See clause 7 of this test report

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, or § 15.221. 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.

Result

Antenna Type	External R.F. power amplifier	Gain	Remarks	Results
Integral antenna	Not Present	2 dBi	--	Complies

Result: The requirements are met



11.2 Radiated emissions

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part. 15.209
- Internal procedure PM001
- See clause 4 of this test report

Test configuration and test method

Test site:
Semi-anechoic chamber

Auxiliary equipment:
See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test equipment used

CMC S108, CMC S127, CMC S164, CMC S271, CMC S287
Measurement uncertainty: See clause 7 of this test report

Test specification

Port: Enclosure
Frequency range: 0,009 MHz – 10000 MHz
Antenna polarization: Horizontal (H) – Vertical (V)
10 m for frequencies $\leq$ 30 MHz
3 m for frequencies $>$ 30 MHz

Environmental conditions

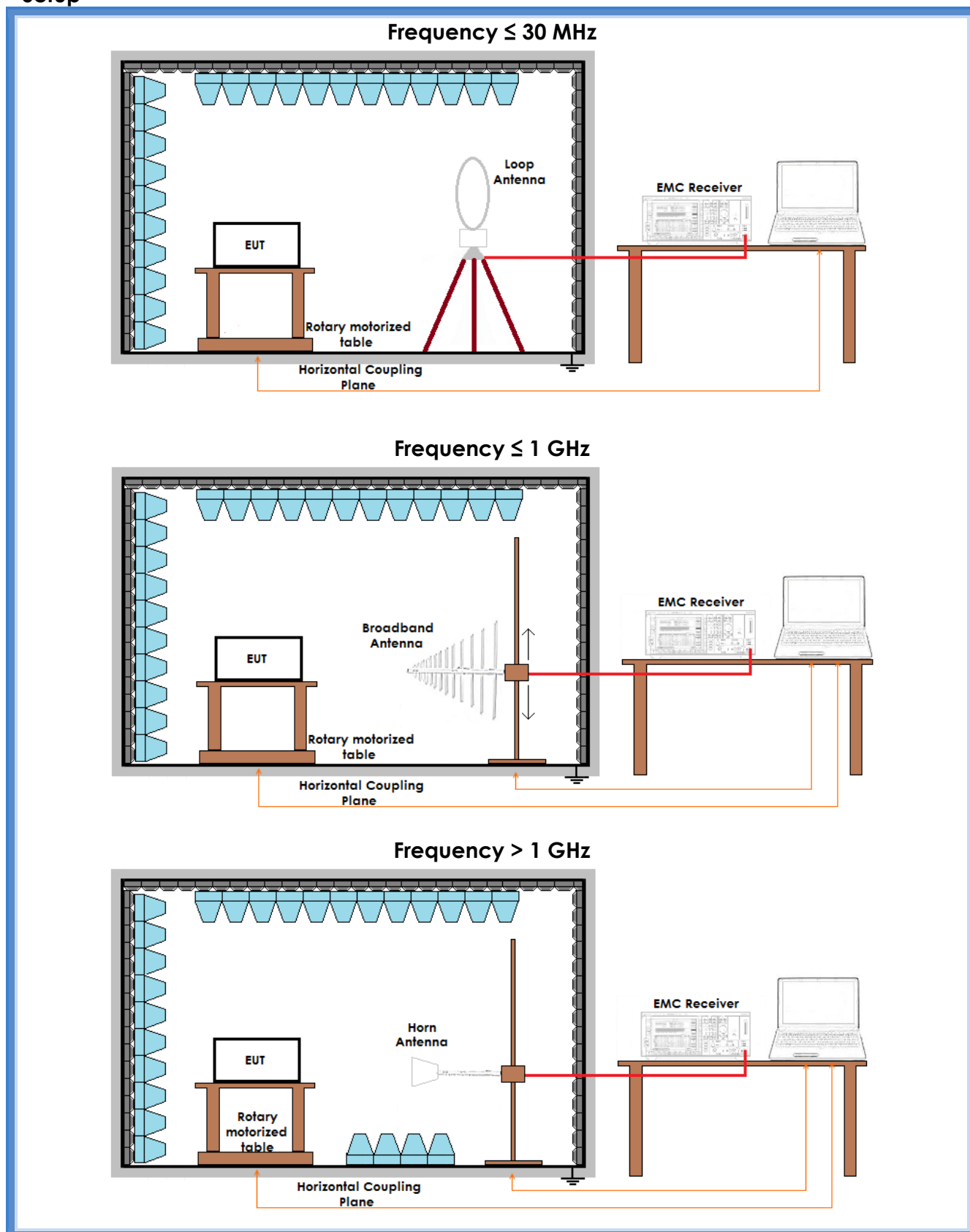
Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
22	100	45

Acceptance limits

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	
Above 960	3	53,9	
	Test distance (m)	Linear average detector [dB(μ V/m)]	Peak detector [dB(μ V/m)]
Above 1000	3	53,9	73,9

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, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector. The results have been extrapolated to the specified distance using an extrapolation factor

Setup





Result

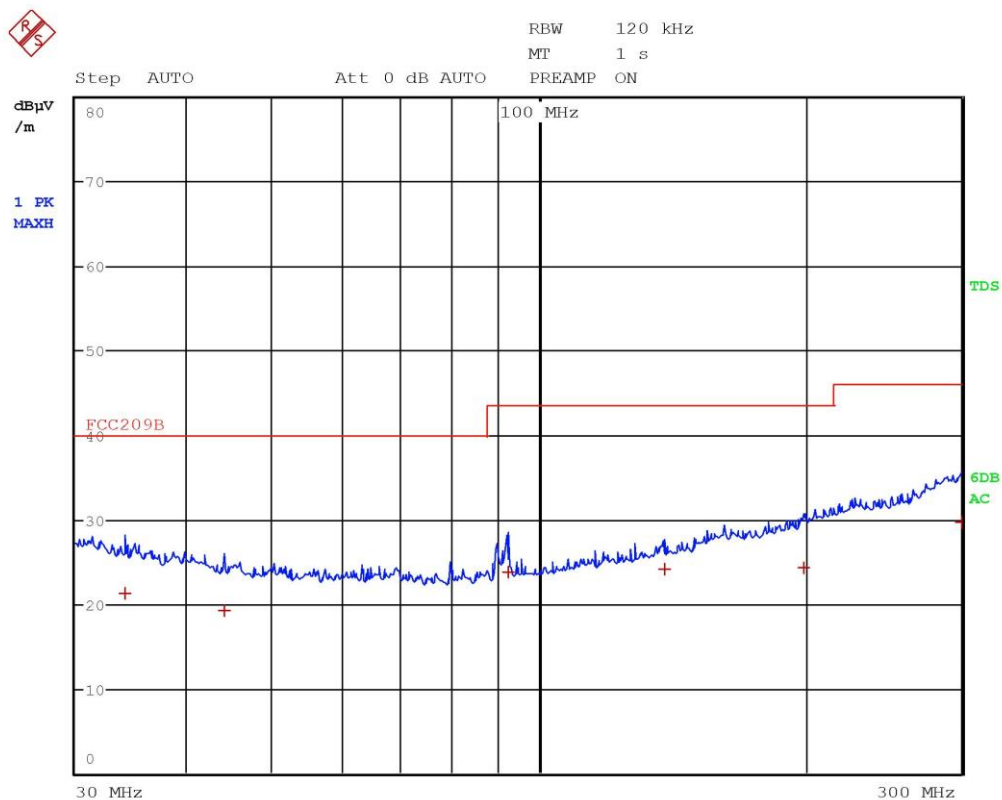
Polarization	Frequency Range (MHz)	Graphs	Remarks	Result
V	30 – 300	G18185201	Lowest channel	Complies
H	30 – 300	G18185202	Lowest channel	Complies
H	30 – 300	G18185203	Medium channel	Complies
V	30 – 300	G18185204	Medium channel	Complies
V	30 – 300	G18185205	Highest channel	Complies
H	30 – 300	G18185206	Highest channel	Complies
Loop	0,009 – 30	G18185207	Worst case	Complies
H	300 – 1000	G18185208	Highest channel	Complies
V	300 – 1000	G18185209	Highest channel	Complies
H	300 – 1000	G18185210	Medium channel	Complies
V	300 – 1000	G18185211	Medium channel	Complies
H	300 – 1000	G18185212	Lowest channel	Complies
V	300 – 1000	G18185213	Lowest channel	Complies
V	1000 – 10000	G18185214	Lowest channel	Complies
H	1000 – 10000	G18185215	Lowest channel	Complies
H	1000 – 10000	G18185216	Medium channel	Complies
V	1000 – 10000	G18185217	Medium channel	Complies
V	1000 – 10000	G18185218	Highest channel	Complies
H	1000 – 10000	G18185219	Highest channel	Complies
Remarks: Measurements at frequencies lower than 1000 MHz have been performed with an EUT – antenna distance of 10 m. Measured values have been corrected with different conversion factors, 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

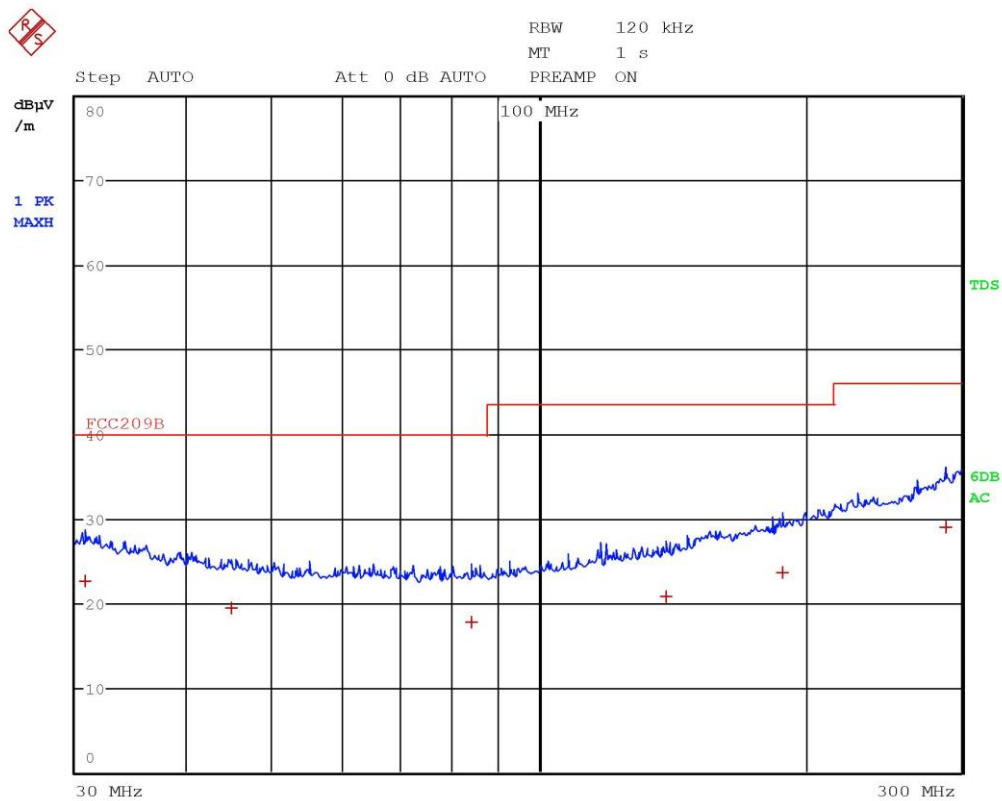


Gandini 18185201



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	34.04 MHz	21.24	-18.75
1 Quasi Peak	44.12 MHz	19.30	-20.69
1 Quasi Peak	92.24 MHz	23.78	-19.74
1 Quasi Peak	138.6 MHz	24.10	-19.41
1 Quasi Peak	199.32 MHz	24.28	-19.23
1 Quasi Peak	300 MHz	29.73	-16.28

Gandini 18185201

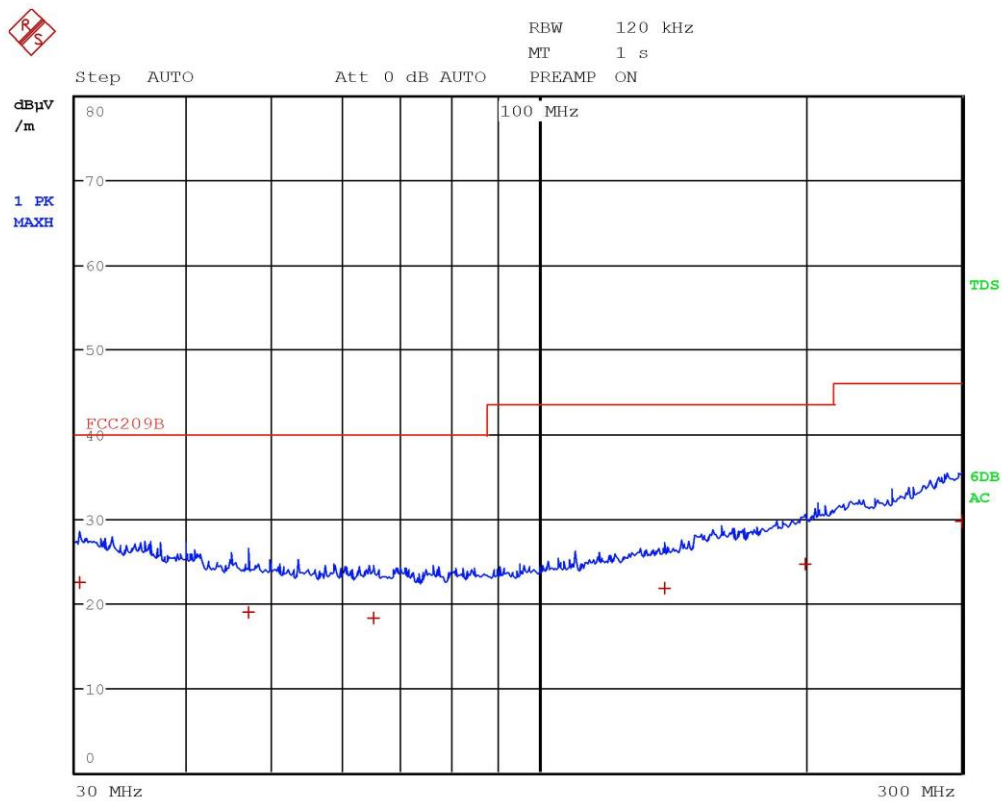


Gandini 18185202



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	30.76 MHz	22.54	-17.45
1 Quasi Peak	44.92 MHz	19.40	-20.60
1 Quasi Peak	83.88 MHz	17.77	-22.22
1 Quasi Peak	139.12 MHz	20.70	-22.81
1 Quasi Peak	188.36 MHz	23.69	-19.82
1 Quasi Peak	288.52 MHz	29.03	-16.98

Gandini 18185202

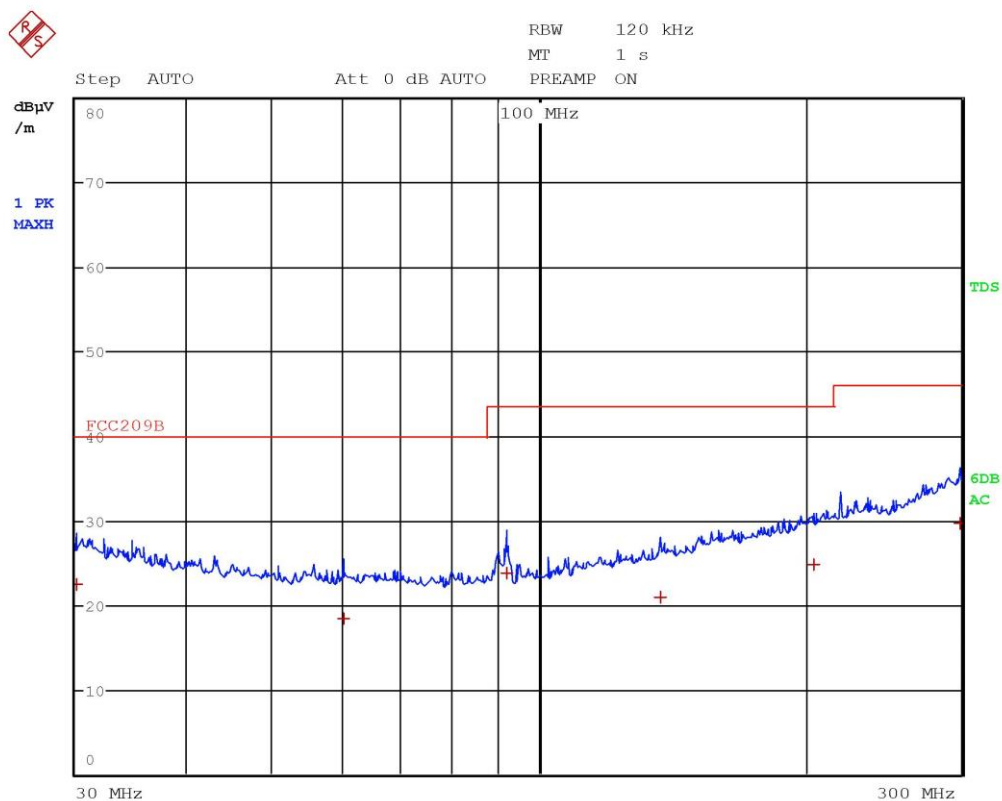


Gandini 18185203



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	30.24 MHz	22.44	-17.55
1 Quasi Peak	47.04 MHz	18.90	-21.10
1 Quasi Peak	65.12 MHz	18.31	-21.68
1 Quasi Peak	138.6 MHz	21.68	-21.83
1 Quasi Peak	199.68 MHz	24.65	-18.86
1 Quasi Peak	299.76 MHz	29.67	-16.34

Gandini 18185203

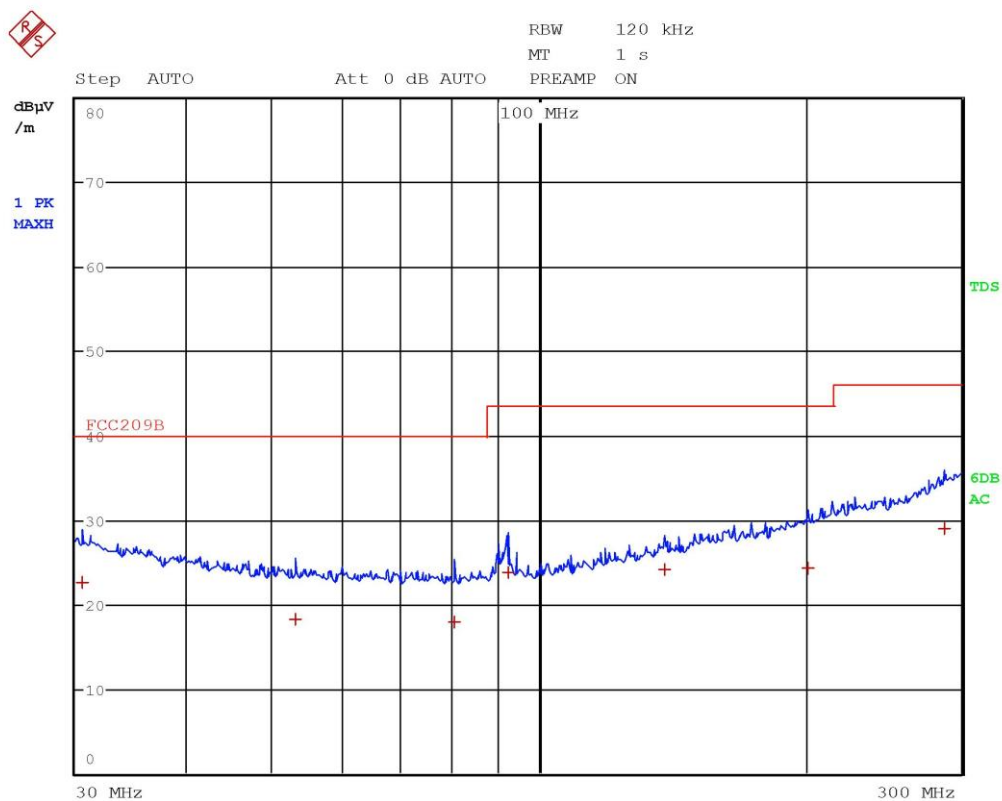


Gandini 18185204



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	30.08 MHz	22.46	-17.54
1 Quasi Peak	60.28 MHz	18.33	-21.66
1 Quasi Peak	92.2 MHz	23.83	-19.68
1 Quasi Peak	137.04 MHz	20.92	-22.59
1 Quasi Peak	204.32 MHz	24.78	-18.73
1 Quasi Peak	299.28 MHz	29.70	-16.31

Gandini 18185204

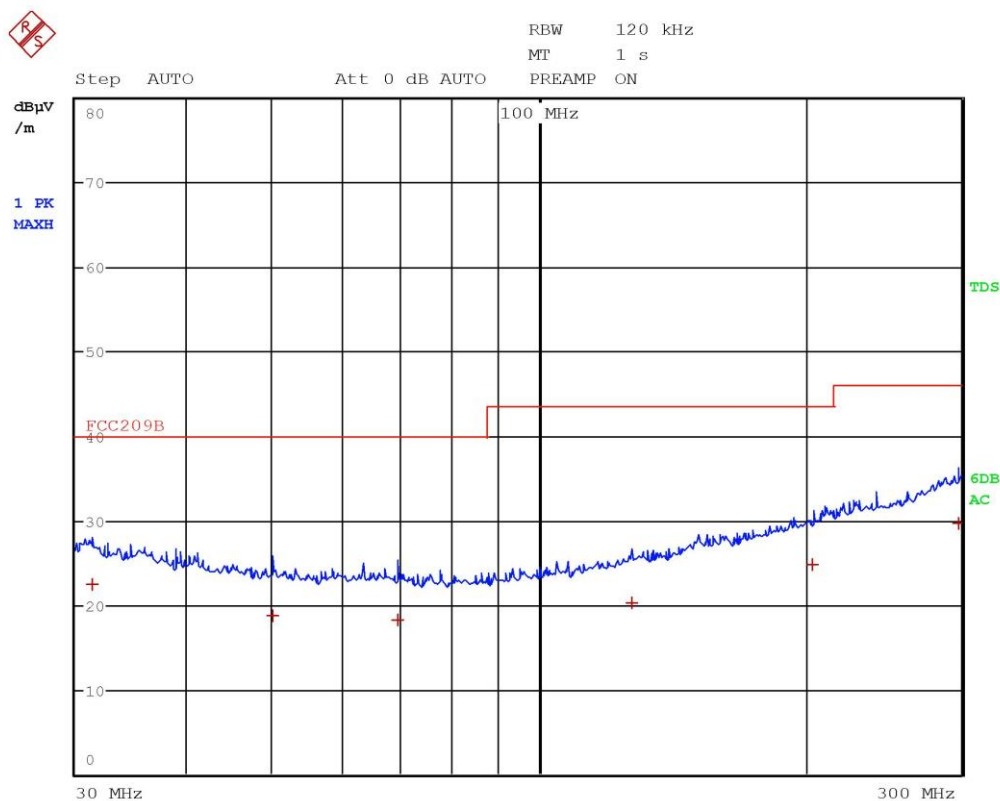


Gandini 18185205



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	30.52 MHz	22.53	-17.46
1 Quasi Peak	53.08 MHz	18.28	-21.71
1 Quasi Peak	80.32 MHz	17.96	-22.04
1 Quasi Peak	92.24 MHz	23.70	-19.81
1 Quasi Peak	138.6 MHz	24.14	-19.37
1 Quasi Peak	201.24 MHz	24.30	-19.21
1 Quasi Peak	286.72 MHz	29.04	-16.97

Gandini 18185205

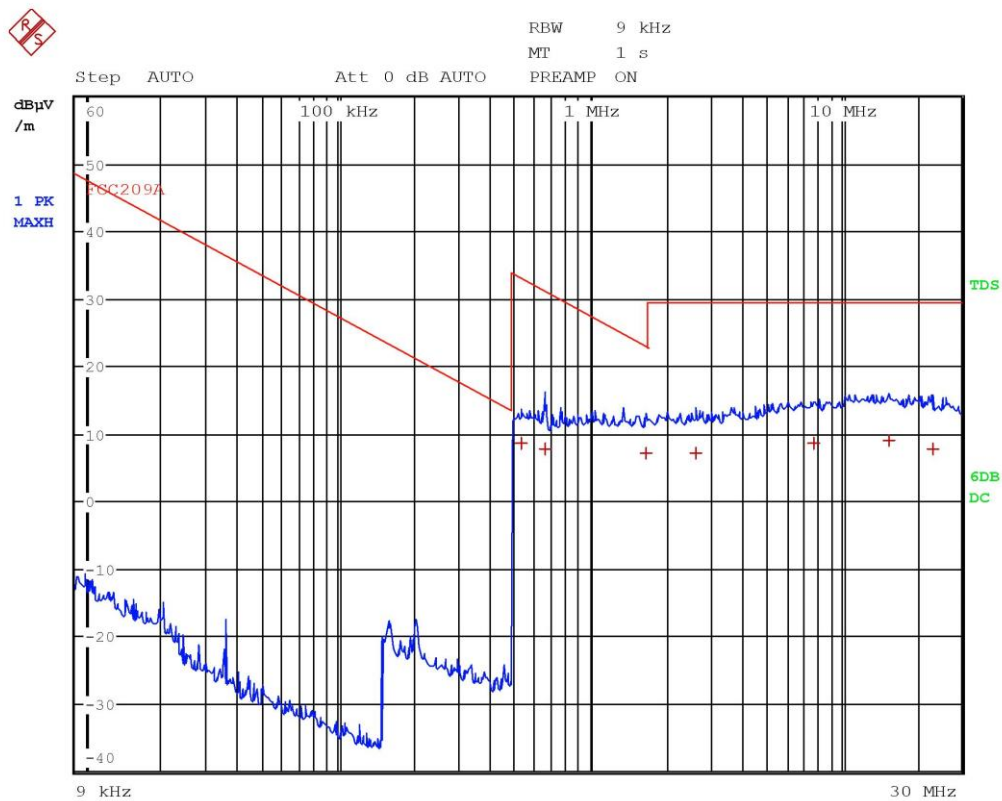


Gandini 18185206



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	31.32 MHz	22.37	-17.62
1 Quasi Peak	50.12 MHz	18.81	-21.18
1 Quasi Peak	69.28 MHz	18.28	-21.71
1 Quasi Peak	127.56 MHz	20.17	-23.34
1 Quasi Peak	204.2 MHz	24.80	-18.71
1 Quasi Peak	297.96 MHz	29.64	-16.37

Gandini 18185206

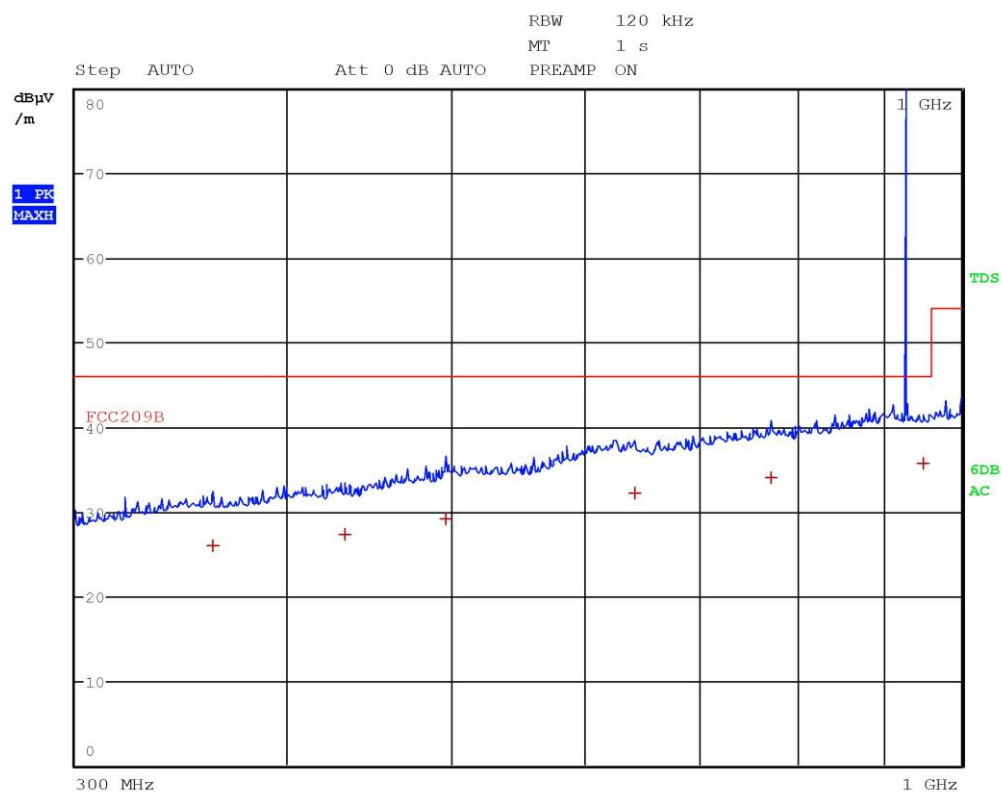


Gandini 18185207



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209A		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	526 kHz	8.53	-24.65
1 Quasi Peak	658 kHz	7.89	-23.34
1 Quasi Peak	1.666 MHz	7.06	-16.10
1 Quasi Peak	2.63 MHz	7.25	-22.28
1 Quasi Peak	7.718 MHz	8.53	-21.00
1 Quasi Peak	15.502 MHz	8.99	-20.54
1 Quasi Peak	22.99 MHz	7.83	-21.70

Gandini 18185207

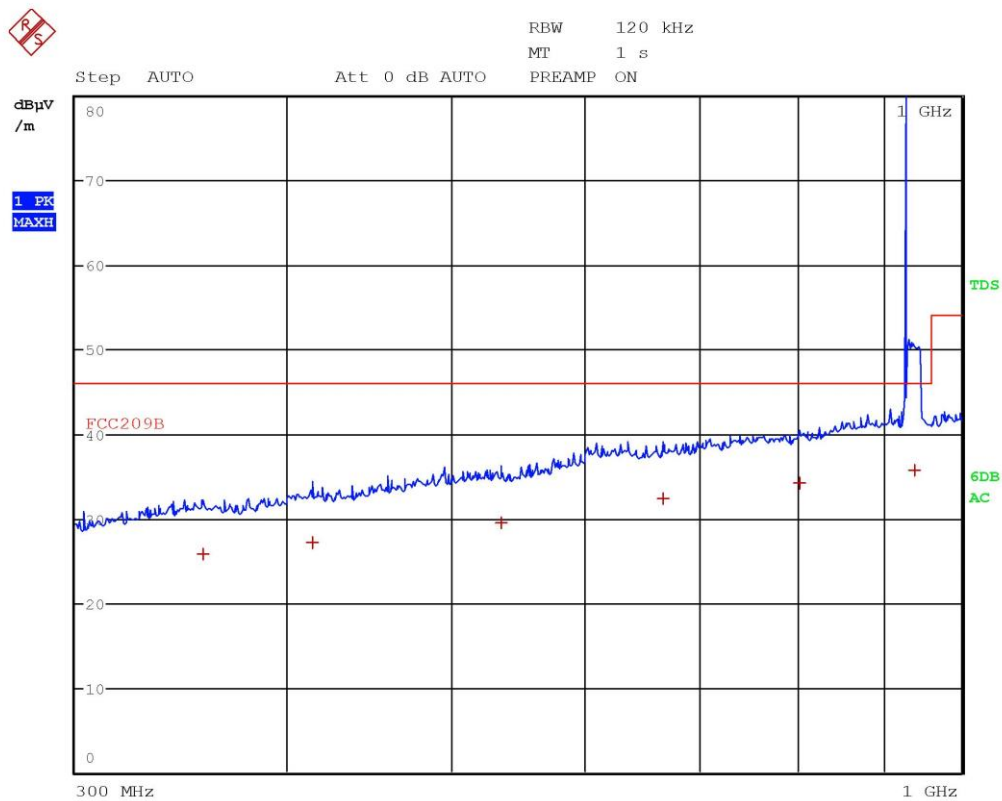


Gandini 18185208



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	362 MHz	25.98	-20.03
1 Quasi Peak	432.96 MHz	27.29	-18.72
1 Quasi Peak	496.28 MHz	29.20	-16.81
1 Quasi Peak	641.56 MHz	32.21	-13.80
1 Quasi Peak	771.96 MHz	33.95	-12.06
1 Quasi Peak	948.8 MHz	35.72	-10.29

Gandini 18185208

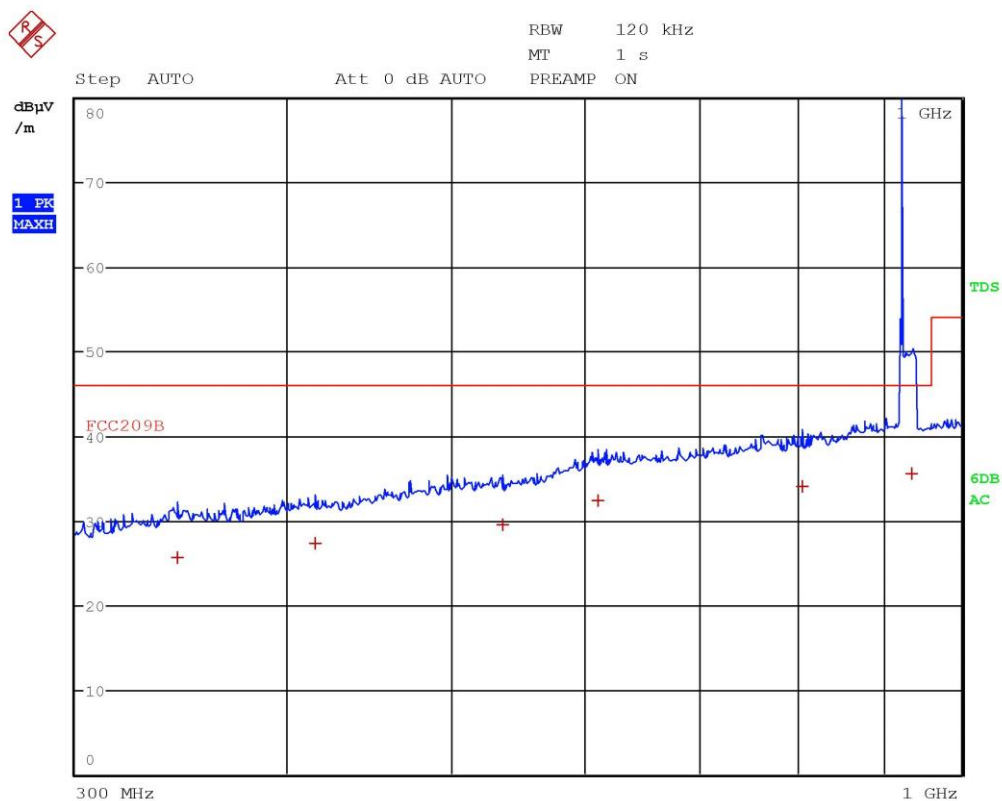


Gandini 18185209



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	357.08 MHz	25.87	-20.14
1 Quasi Peak	413.88 MHz	27.21	-18.80
1 Quasi Peak	534.96 MHz	29.53	-16.48
1 Quasi Peak	666.84 MHz	32.41	-13.60
1 Quasi Peak	802.28 MHz	34.12	-11.89
1 Quasi Peak	938.2 MHz	35.69	-10.32

Gandini 18185209

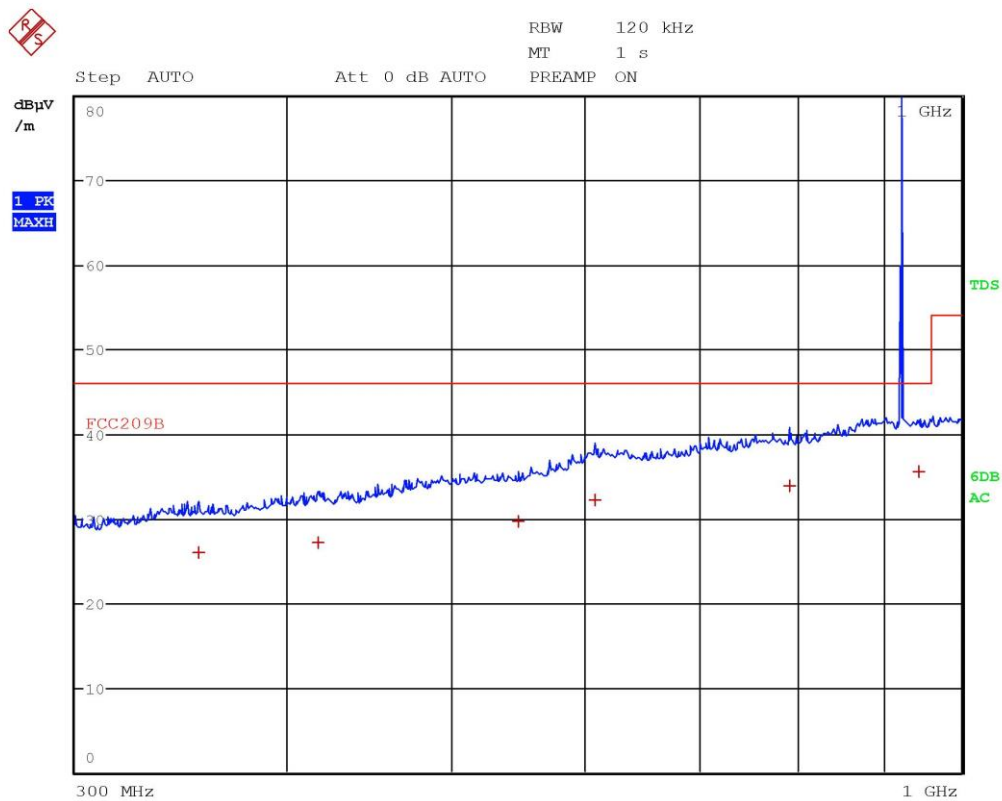


Gandini 18185210



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	344.8 MHz	25.67	-20.34
1 Quasi Peak	415.28 MHz	27.25	-18.76
1 Quasi Peak	535.8 MHz	29.46	-16.55
1 Quasi Peak	609.72 MHz	32.31	-13.70
1 Quasi Peak	805.84 MHz	33.97	-12.04
1 Quasi Peak	934.28 MHz	35.56	-10.45

Gandini 18185210

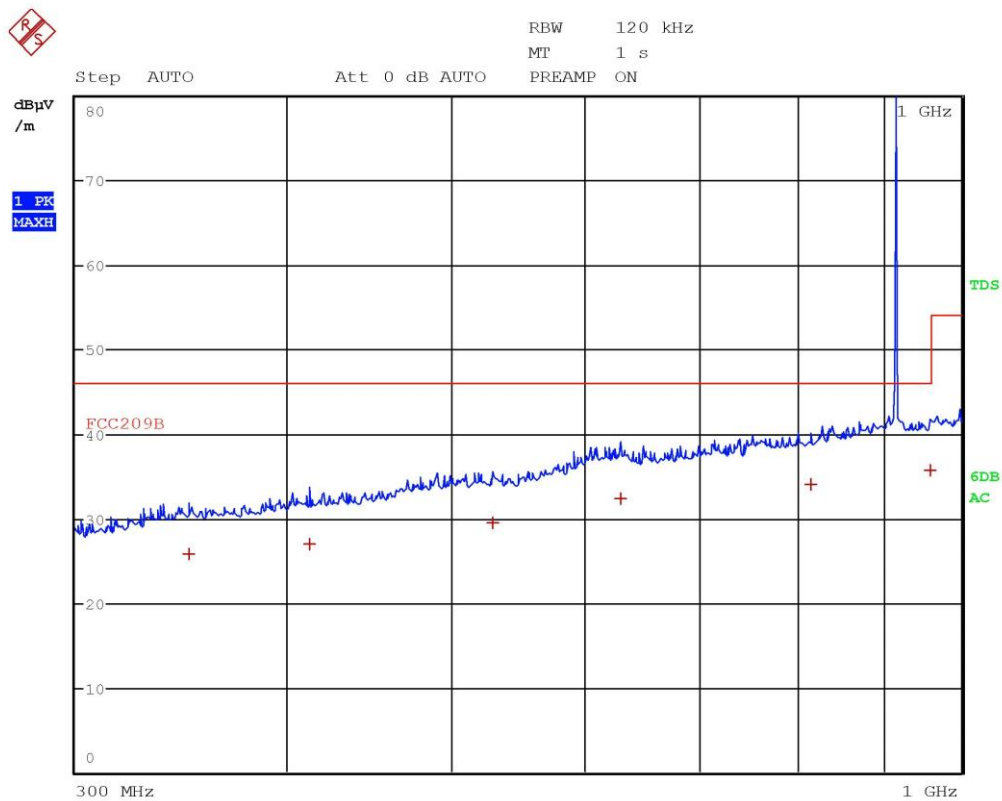


Gandini 18185211



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	354.72 MHz	25.93	-20.08
1 Quasi Peak	417.36 MHz	27.07	-18.94
1 Quasi Peak	547.6 MHz	29.58	-16.43
1 Quasi Peak	607.36 MHz	32.18	-13.83
1 Quasi Peak	791.72 MHz	33.86	-12.15
1 Quasi Peak	943.2 MHz	35.60	-10.41

Gandini 18185211

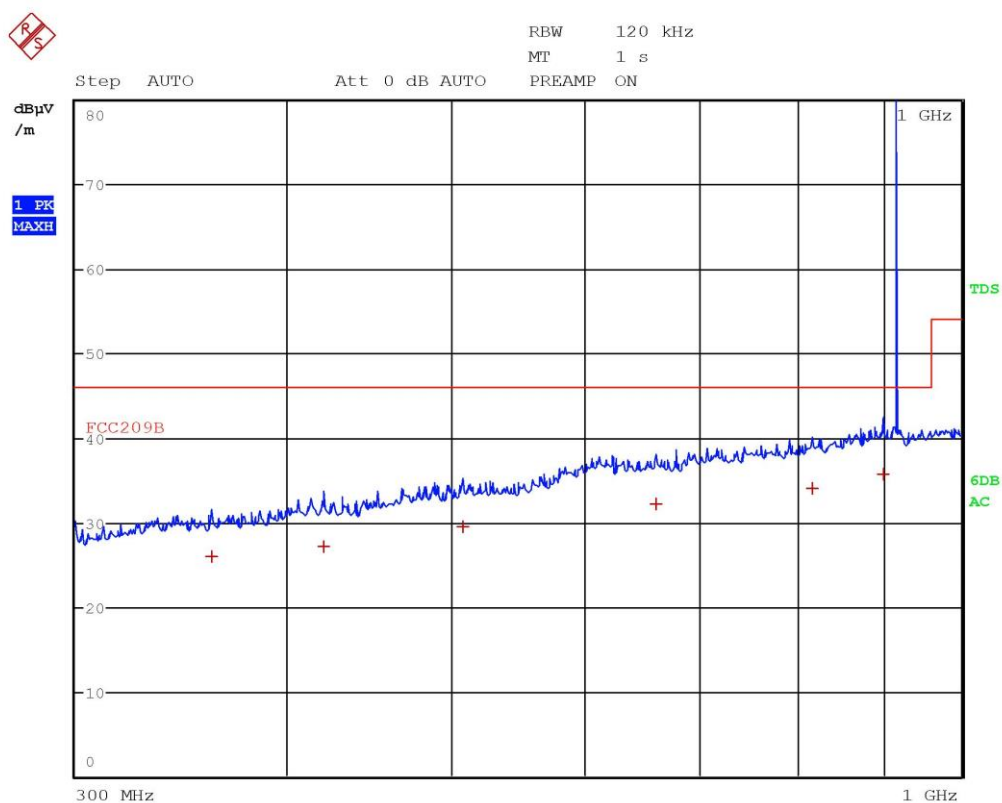
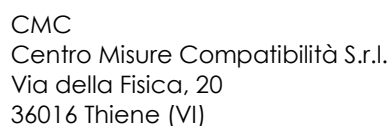


Gandini 18185212



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	349.72 MHz	25.87	-20.14
1 Quasi Peak	412.68 MHz	27.03	-18.98
1 Quasi Peak	529.2 MHz	29.54	-16.47
1 Quasi Peak	629.56 MHz	32.40	-13.61
1 Quasi Peak	815.56 MHz	34.07	-11.94
1 Quasi Peak	957.48 MHz	35.73	-10.28

Gandini 18185212

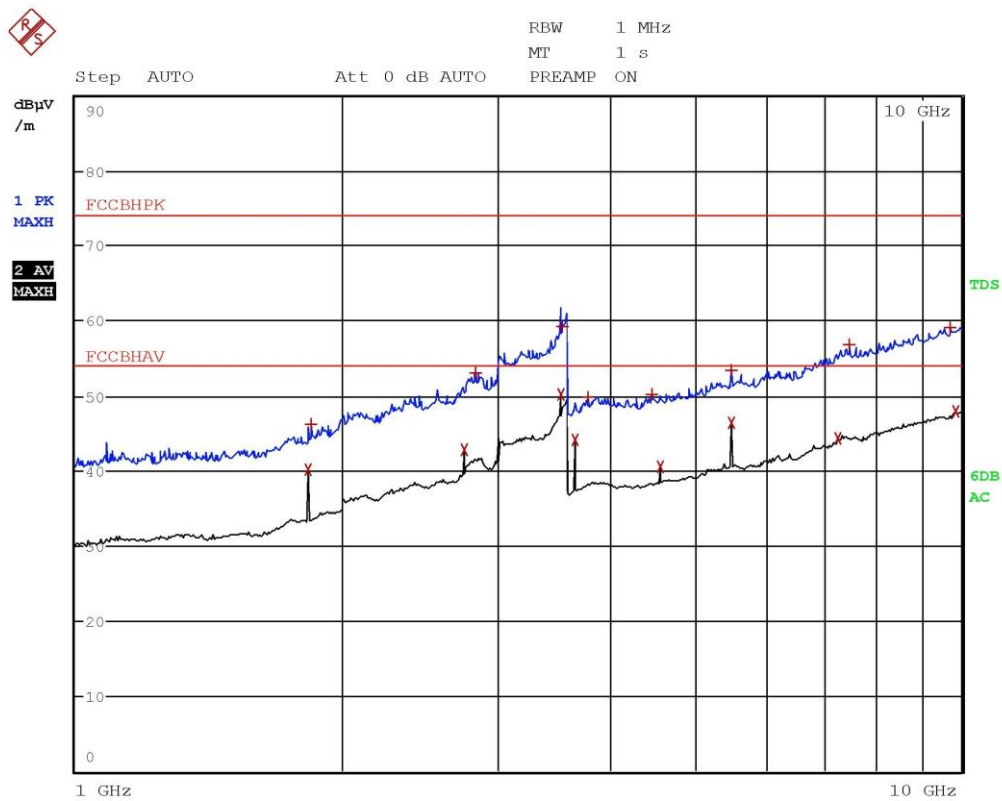


Gandini 18185213



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL, dBμV/m	DELTA LIMIT dB
1 Quasi Peak	360.8 MHz	25.90	-20.11
1 Quasi Peak	420.44 MHz	27.18	-18.83
1 Quasi Peak	508.16 MHz	29.41	-16.60
1 Quasi Peak	660.72 MHz	32.15	-13.86
1 Quasi Peak	817.08 MHz	34.06	-11.95
1 Quasi Peak	900 MHz	35.77	-10.24

Gandini 18185213

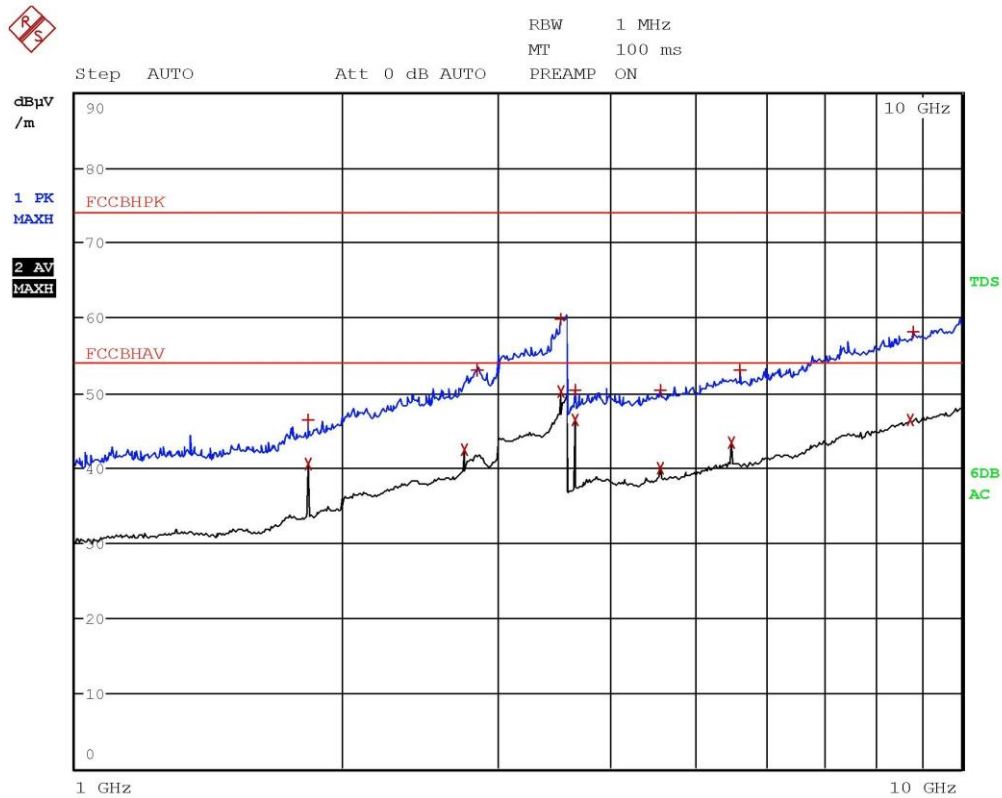


Gandini 18185214



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
2 Average	1.83 GHz	40.16	-13.81
1 Max Peak	1.8424 GHz	46.24	-27.73
2 Average	2.7452 GHz	42.81	-11.16
1 Max Peak	2.8264 GHz	52.97	-21.00
2 Average	3.5256 GHz	50.29	-3.68
1 Max Peak	3.5404 GHz	59.22	-14.75
2 Average	3.6604 GHz	44.14	-9.83
1 Max Peak	3.7908 GHz	49.75	-24.22
1 Max Peak	4.472 GHz	50.29	-23.69
2 Average	4.5752 GHz	40.50	-13.47
1 Max Peak	5.4904 GHz	53.37	-20.60
2 Average	5.4904 GHz	46.40	-7.57
2 Average	7.2604 GHz	44.36	-9.61
1 Max Peak	7.4608 GHz	56.75	-17.22
1 Max Peak	9.7052 GHz	59.06	-14.91
2 Average	9.856 GHz	47.85	-6.12

Gandini 18185214

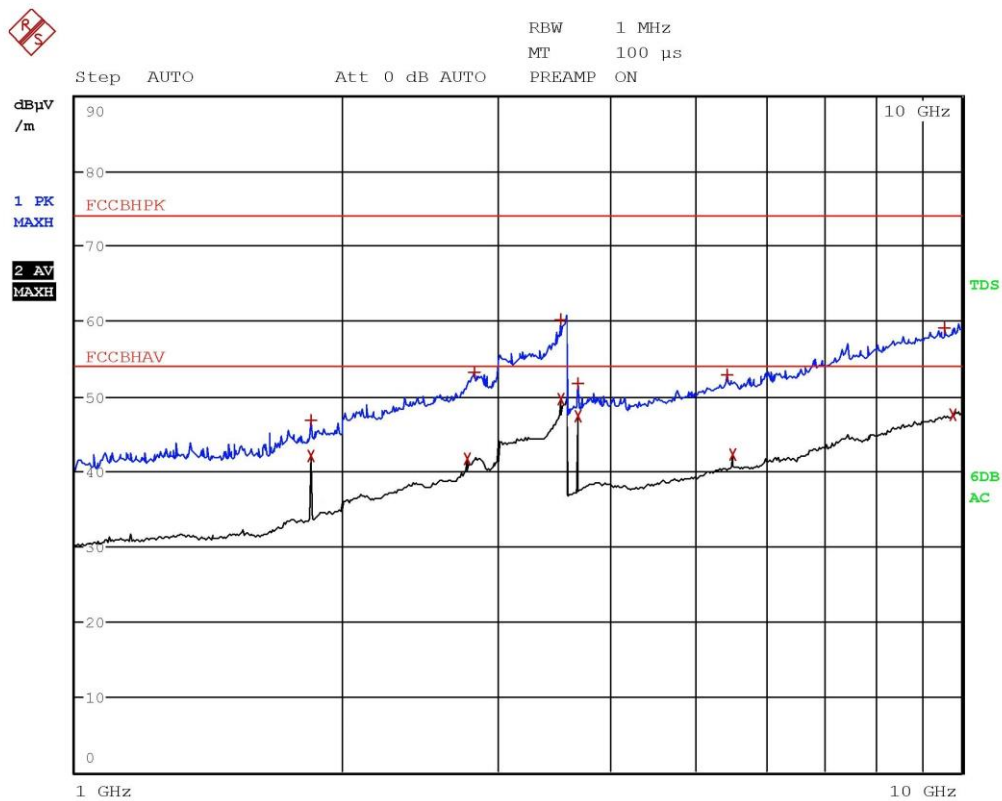


Gandini 18185215



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
2 Average	1.83 GHz	40.57	-13.40
1 Max Peak	1.8304 GHz	46.50	-27.48
2 Average	2.7452 GHz	42.41	-11.56
1 Max Peak	2.8396 GHz	52.98	-20.99
1 Max Peak	3.5256 GHz	59.89	-14.08
2 Average	3.5256 GHz	50.18	-3.79
2 Average	3.6604 GHz	46.40	-7.57
1 Max Peak	3.6604 GHz	50.31	-23.66
2 Average	4.5756 GHz	39.92	-14.05
1 Max Peak	4.5812 GHz	50.42	-23.55
2 Average	5.4904 GHz	43.30	-10.67
1 Max Peak	5.632 GHz	52.95	-21.02
2 Average	8.7512 GHz	46.41	-7.56
1 Max Peak	8.8192 GHz	58.11	-15.86

Gandini 18185215



Gandini 18185216



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Max Peak	1.8428 GHz	46.84	-27.13
2 Average	1.8428 GHz	42.13	-11.84
2 Average	2.7644 GHz	41.67	-12.30
1 Max Peak	2.8172 GHz	53.31	-20.66
1 Max Peak	3.5256 GHz	60.23	-13.74
2 Average	3.5256 GHz	49.67	-4.30
2 Average	3.6856 GHz	47.43	-6.54
1 Max Peak	3.6856 GHz	51.72	-22.25
1 Max Peak	5.4372 GHz	52.82	-21.15
2 Average	5.5288 GHz	42.27	-11.70
1 Max Peak	9.5516 GHz	59.06	-14.91
2 Average	9.7812 GHz	47.47	-6.50

Gandini 18185216