

**TEST REPORT**
Nr. R20176301**Federal Communication Commission (FCC)**

Report Reference No.	R20176301
Date of issue:	25.11.2020
Total number pages:	87
Applicant's name	Xylem Service Italia S.r.l.
Address	Via Lombardi, 14 – 36075 Montecchio Maggiore (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_DTSCMC
Test Report Form(s) Originator ..	CMC Centro Misure Compatibilità S.r.l.
Master TRF	2020-10
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	Circulators with Bluetooth® wireless technology
Trademark	Xylem
Manufacturer	Xylem Service Italia S.r.l.
Model / Type reference	ECOCIRC+ 20-18F
FCC ID	2AYCGXSI01
Rating(s)	120 V ~ 60 Hz single-phase
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	25.11.2020	--



Testing and sampling:	
Date of receipt of test item	29.09.2020
Testing start date	26.10.2020
Testing end date	23.11.2020
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 P200960
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.	

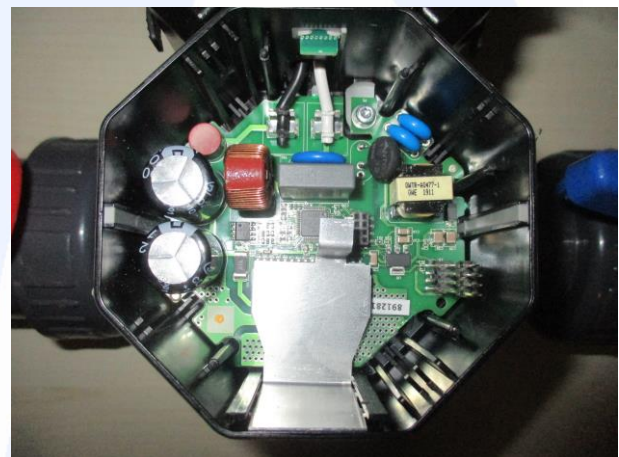


6 General description of test item(s)

Description	Circulators with Bluetooth® wireless technology						
Model Number	ECOCIRC+ 20-18F						
FCC ID	2AYCGXSI01						
Serial Number	--						
Brand name	Xylem						
Frequency band	2400 – 2483,5 MHz						
Nominal frequencies	F _L : 2402 MHz		F _M : 2440 MHz		F _H : 2480 MHz		
Rated power supply		Voltage and Frequency	Reference poles				
			N	L1	L2	L3	PE
	☒	AC: 120 V, 60 Hz	☒	☒	☐	☐	☐
	☐	AC:	☐	☐	☐	☐	☐
	☐	DC:					☐
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 15.203	Antenna requirements	--	P
Part 15.207	Conducted emissions	ANSI C63.10	P
Part 15.209	Emissions in restricted frequency bands and in unrestricted frequency bands	ANSI C63.10	P
Part 15.247 (a) (2)	DTS bandwidth	ANSI C63.10	P
Part 15.215 (c)	20 dB bandwidth	ANSI C63.10	P
Part 15.247 (d)	Band edge	ANSI C63.10	P
Part 15.209 and 15.247	Fundamental emission output power	ANSI C63.10	P
Part 15.209 and 15.247	Maximum power spectral density level in the fundamental emission	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	26.10.2020	
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
Antenna gain.....	-0,45 dBi	
External R.F. power amplifier	Not Present	



9.2 Conducted emission

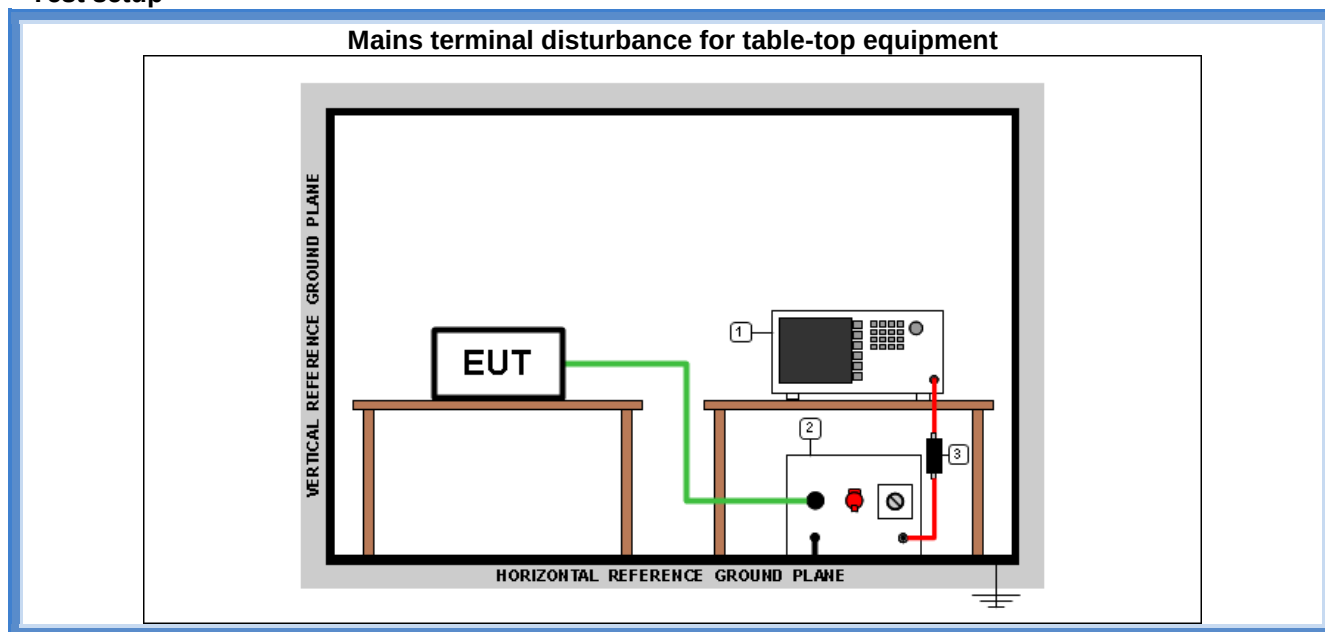
Tested by	M. Segalla	
Test date	26.10.2020	
Test location (stand)	Shielded chamber (CMC A001)	
Reference standards	FCC Rules and Regulation; Titles 47 Part. 15.207 ANSI C63.10 cl. 6.2	
Test set-up description	☒	Table top equipment set-up (80 cm above the reference ground plane)
	☐	Floor standing equipment 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	☒	Artificial mains network, 50 μ H/50 Ω LISN
	☐	Other:

Acceptance limits

Frequency range (MHz)	<i>dB(μV) Quasi-peak</i>	<i>dB(μV) Average</i>
0,15 to 0,50	66 to 56	56 to 46
0,5 to 5	56	46
5 to 30	60	50



Test setup



Test setup PE001_01

Nr.	Id. Number	Manufacturer	Model	Description
3	CMC S010	Rohde & Schwarz	ESH3-Z2	Pulse limiter
2	CMC S200	Schwarzbeck	NSLK 8128	V-LISN
1	CMC S206	Rohde & Schwarz	ESCI 7	EMC Receiver 9KHz-7GHz

Result

Line	Frequency Range (MHz)	Graphs	Remarks	Result
N	0,15 – 30	G20176506	--	P
L1	0,15 – 30	G20176507	--	P

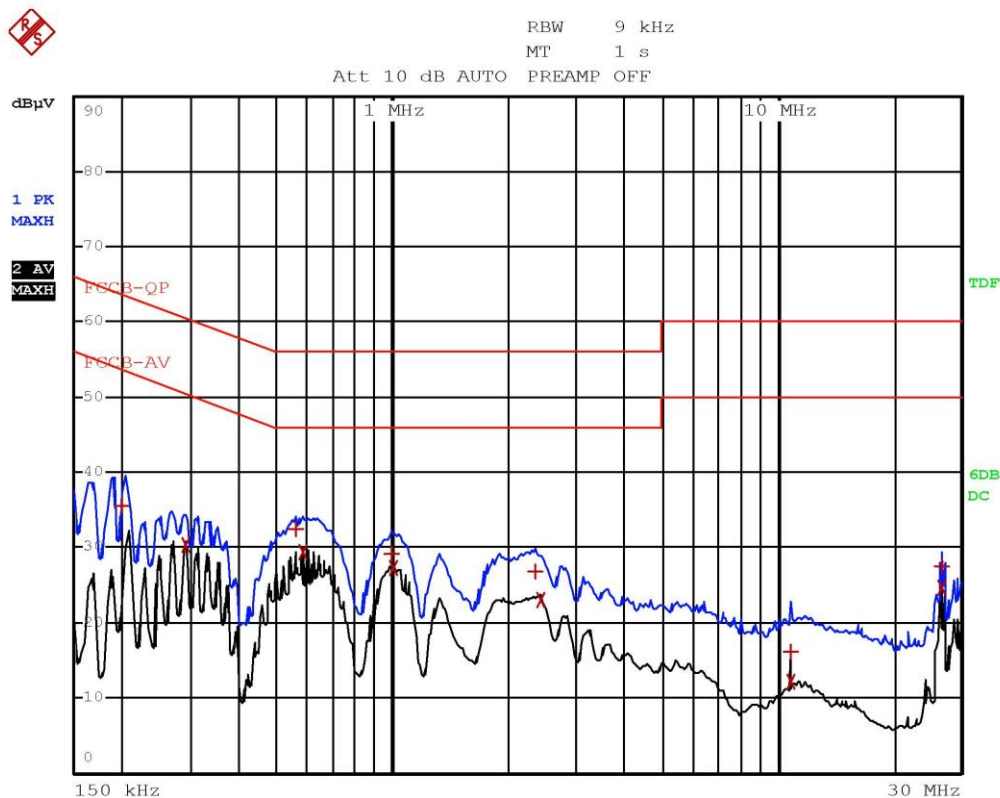
Graphs Legend

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

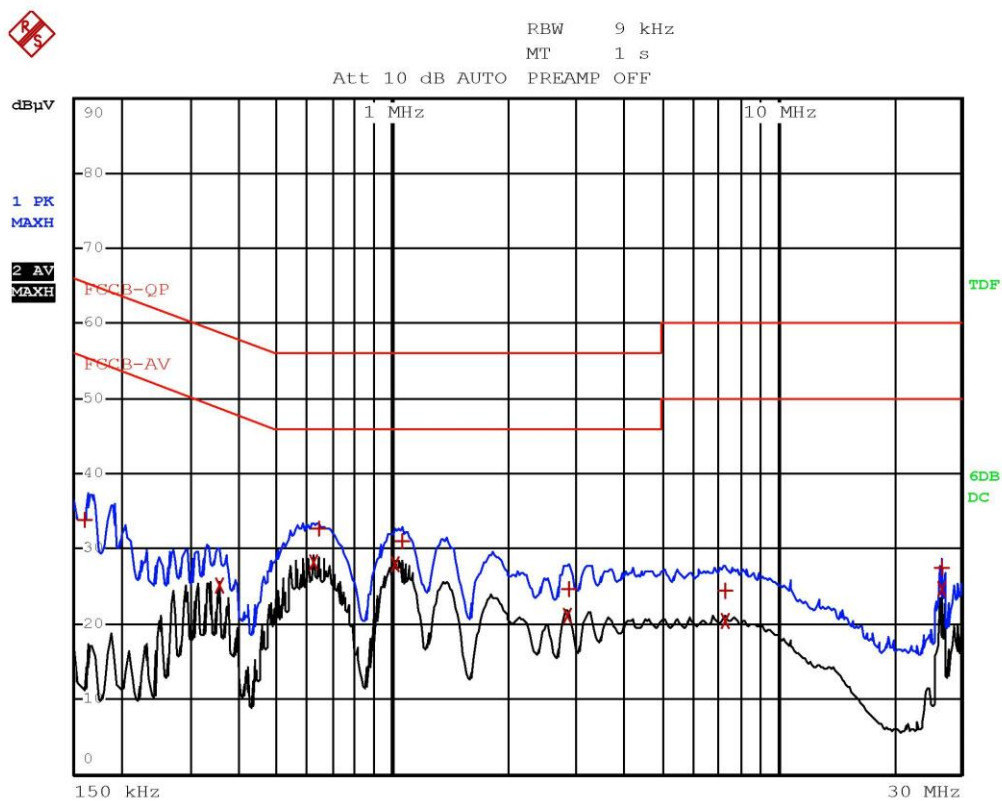


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EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCCB-QP		
Trace2:	FCCB-AV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV	DELTA LIMIT dB
1 Quasi Peak	202 kHz	35.63	-27.89
2 Average	290 kHz	30.33	-20.19
1 Quasi Peak	562 kHz	32.59	-23.40
2 Average	582 kHz	29.46	-16.53
1 Quasi Peak	998 kHz	29.20	-26.79
2 Average	1.002 MHz	27.35	-18.64
1 Quasi Peak	2.346 MHz	26.73	-29.26
2 Average	2.426 MHz	22.94	-23.05
1 Quasi Peak	10.866 MHz	16.18	-43.81
2 Average	10.866 MHz	12.06	-37.93
1 Quasi Peak	26.61 MHz	27.43	-32.56
2 Average	26.61 MHz	24.65	-25.34

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EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCCB-QP		
Trace2:	FCCB-AV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV	DELTA LIMIT dB
1 Quasi Peak	162 kHz	33.95	-31.40
2 Average	354 kHz	25.08	-23.78
2 Average	626 kHz	28.16	-17.83
1 Quasi Peak	646 kHz	32.66	-23.33
2 Average	1.022 MHz	27.91	-18.08
1 Quasi Peak	1.066 MHz	31.02	-24.97
2 Average	2.858 MHz	21.25	-24.75
1 Quasi Peak	2.886 MHz	24.62	-31.37
2 Average	7.294 MHz	20.44	-29.55
1 Quasi Peak	7.358 MHz	24.46	-35.53
1 Quasi Peak	26.61 MHz	27.41	-32.58
2 Average	26.61 MHz	24.68	-25.31

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9.3 Emissions in restricted frequency bands and in unrestricted frequency bands

Tested by	M. Segalla
Test date	26.10.2020
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
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			

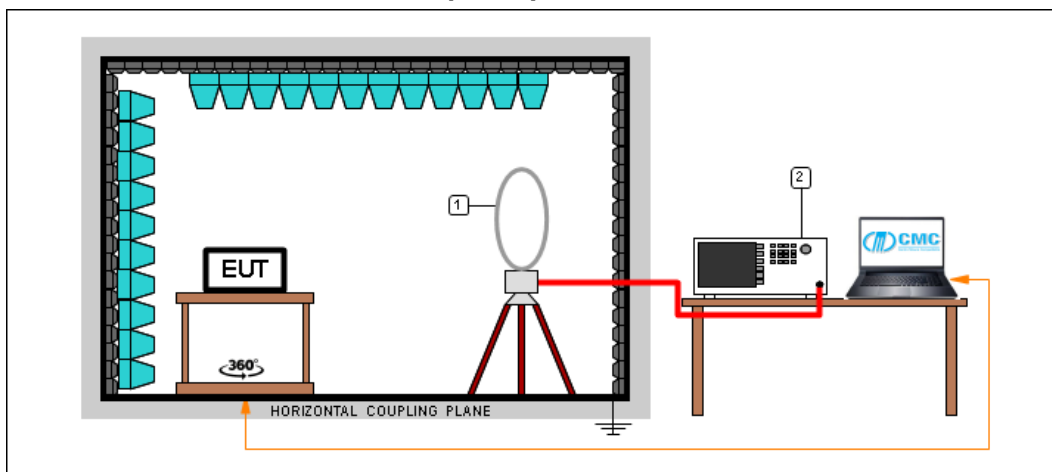
Acceptance limits for emissions in non-restricted frequency bands (according to ANSI C63.10 cl. 11.11.1)

The DTS rules specify that in any 100 kHz bandwidth outside of the authorized frequency band, the power shall be attenuated according to the following conditions:

- If the maximum peak conducted output power procedure was used to demonstrate compliance as described in 9.1, then the peak output power measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz
- If maximum conducted (average) output power was used to demonstrate compliance as described in 9.2, then the peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum in-band peak PSD level in 100 kHz.
- In either case, attenuation to levels below the 15.209 general radiated emissions limits is not required

Test setup

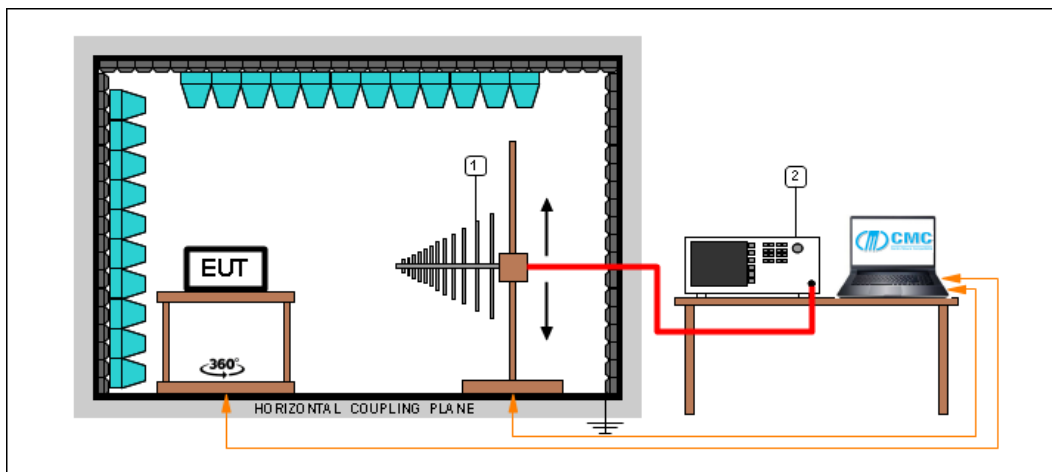
Frequency ≤ 30 MHz



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

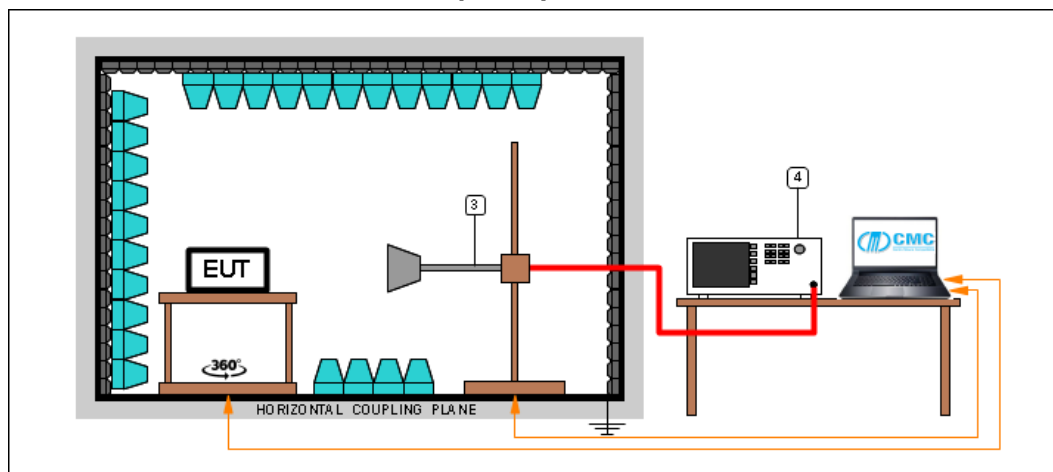
Nr.	Id. Number	Manufacturer	Model	Description
2	CMC S164	Rohde & Schwarz	ESU26	Receiver 20 Hz - 26.5 GHz
1	CMC S271	Schwarzbeck	BBA 9106 + VHBB 9124	Broadband Antenna

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
--	CMC S334	Wainwright Instruments	WHKX12-935-1000-15000-40SS	High Pass Filter 1000MHz

Result

Transmission frequency (MHz)	Polarization	Frequency Range (MHz)	Graphs	Result
Worst case	V	300 – 1000	G20176301	P
Worst case	H	300 – 1000	G20176302	P
Worst case	H	30 – 300	G20176303	P
Worst case	V	30 – 300	G20176304	P
Worst case	Loop	0,009 – 30	G20176305	P
2402	V	1000 – 3000	G20176315	P
2402	H	1000 – 3000	G20176316	P
2440	V	1000 – 3000	G20176322	P
2440	H	1000 – 3000	G20176323	P
2480	V	1000 – 3000	G20176328	P
2480	H	1000 – 3000	G20176329	P
2480	V	3000 – 18000	G20176333	P
2480	H	3000 – 18000	G20176334	P
2440	H	3000 – 18000	G20176335	P
2440	V	3000 – 18000	G20176336	P
2402	V	3000 – 18000	G20176337	P
2402	H	3000 – 18000	G20176338	P



Transmission frequency (MHz)	Polarization	Frequency Range (MHz)	Graphs	Result
Worst case	H	18000 – 26000	G20176339	P
Worst case	V	18000 – 26000	G20176340	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 $40\log(\text{test distance}/10)$ 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

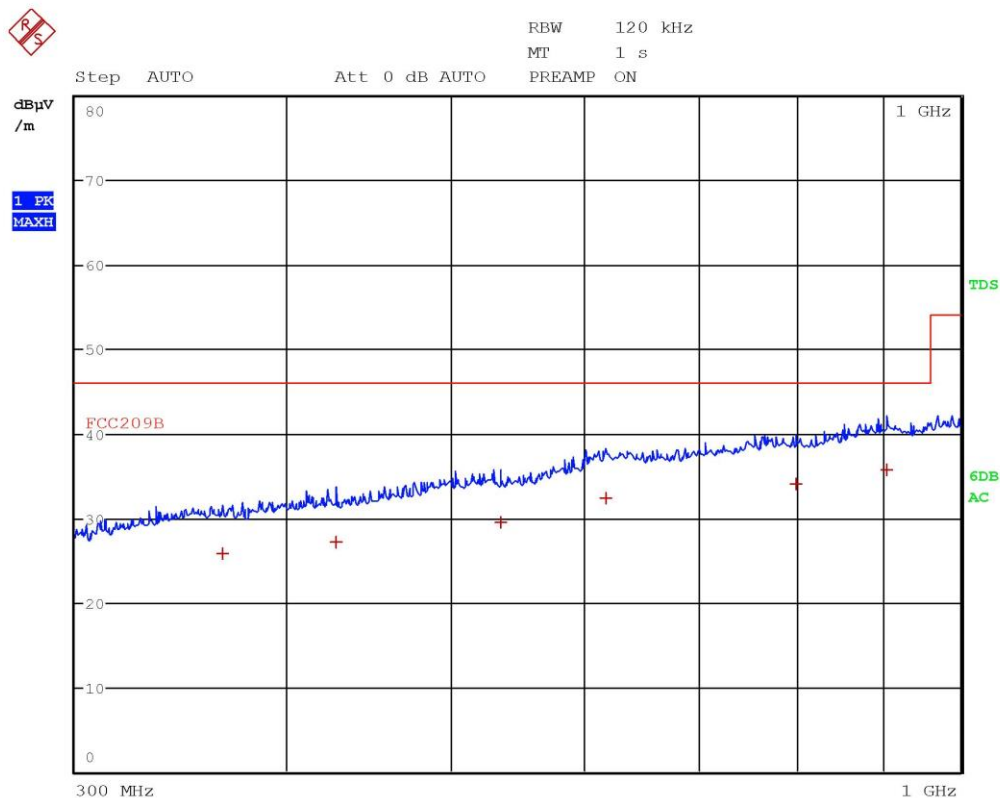
Graphs Legend

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

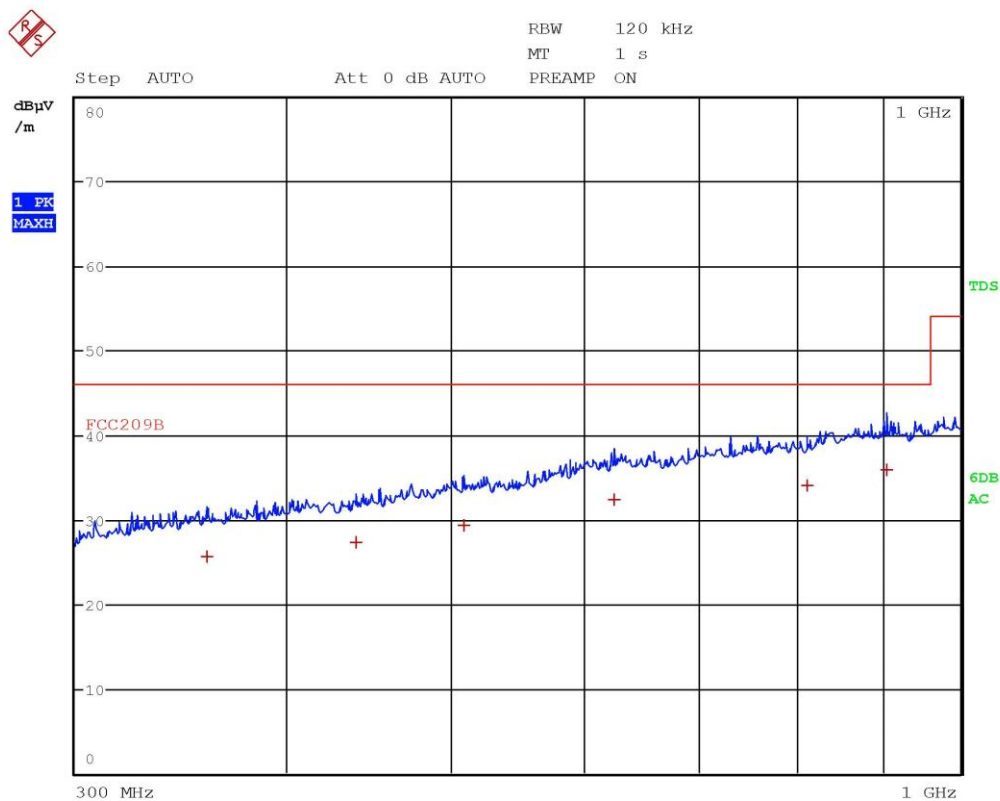


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EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	366.32 MHz	25.88	-20.13
1 Quasi Peak	428.2 MHz	27.21	-18.80
1 Quasi Peak	535.52 MHz	29.56	-16.45
1 Quasi Peak	617.16 MHz	32.41	-13.60
1 Quasi Peak	799.88 MHz	34.11	-11.90
1 Quasi Peak	904.72 MHz	35.79	-10.22

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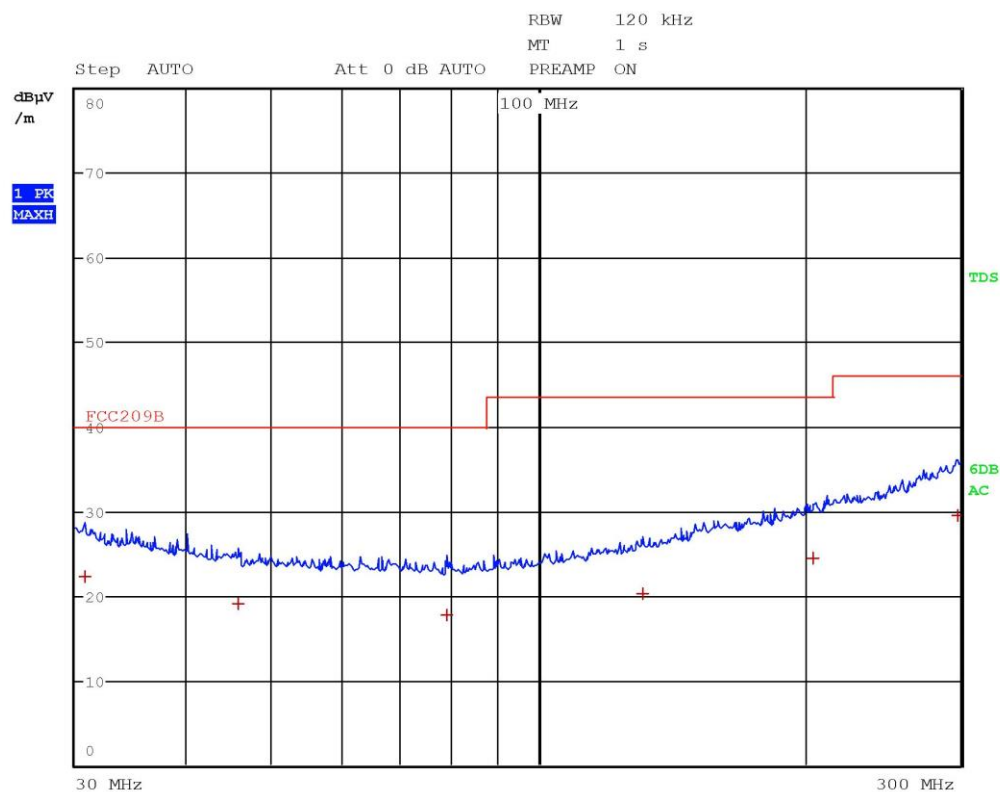


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EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	359.2 MHz	25.68	-20.33
1 Quasi Peak	439.64 MHz	27.29	-18.73
1 Quasi Peak	509.12 MHz	29.28	-16.73
1 Quasi Peak	624.28 MHz	32.37	-13.64
1 Quasi Peak	811.16 MHz	34.08	-11.93
1 Quasi Peak	904.16 MHz	35.82	-10.19

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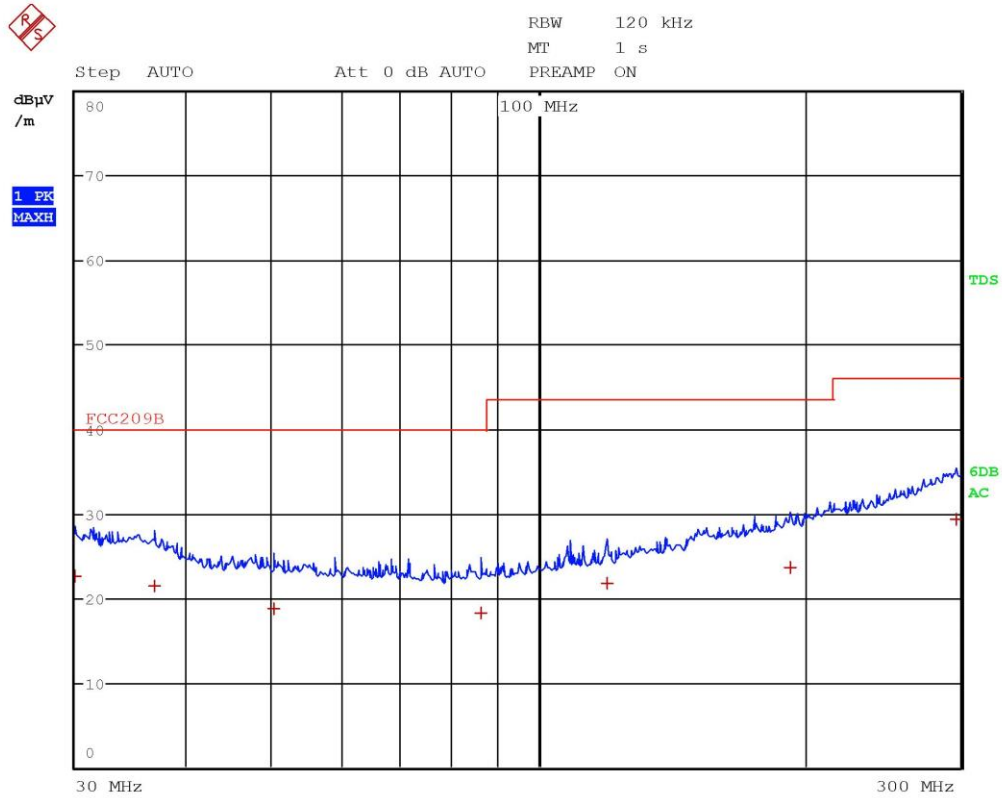


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EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	30.8 MHz	22.29	-17.70
1 Quasi Peak	45.8 MHz	19.10	-20.89
1 Quasi Peak	78.96 MHz	17.65	-22.34
1 Quasi Peak	131.08 MHz	20.31	-23.20
1 Quasi Peak	204.24 MHz	24.50	-19.01
1 Quasi Peak	298.28 MHz	29.50	-16.51

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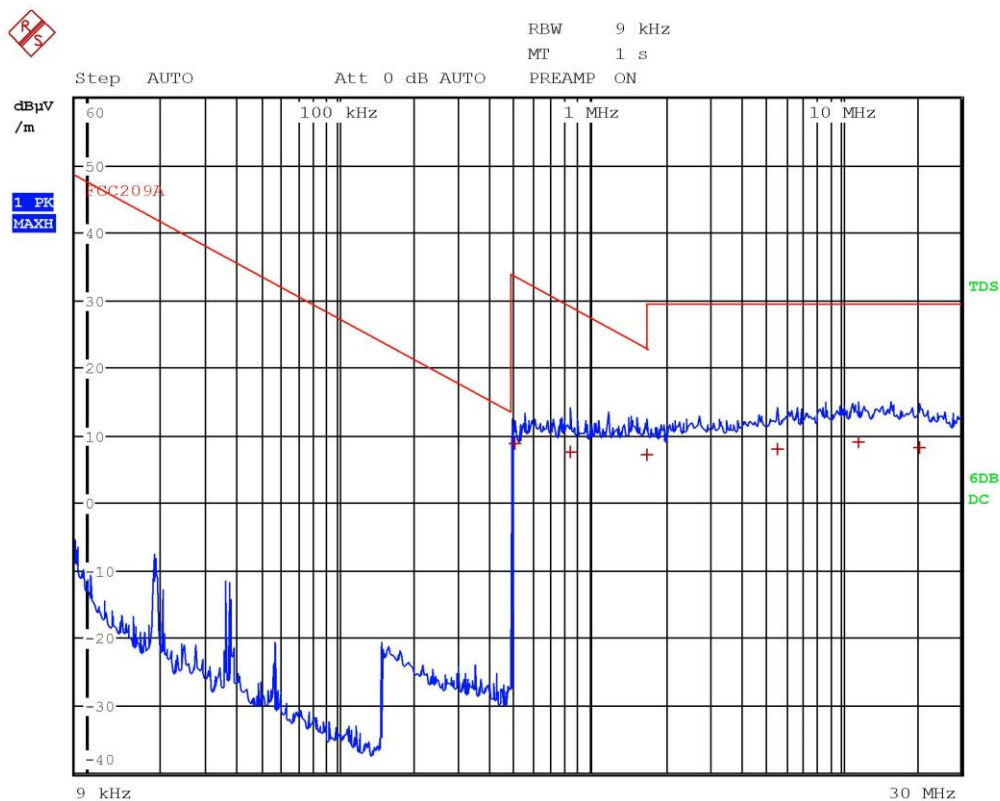


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EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL, dB μ V/m	DELTA LIMIT dB
1 Quasi Peak	30 MHz	22.68	-17.31
1 Quasi Peak	36.88 MHz	21.40	-18.59
1 Quasi Peak	50.32 MHz	18.79	-21.20
1 Quasi Peak	86.24 MHz	18.18	-21.81
1 Quasi Peak	119.48 MHz	21.70	-21.81
1 Quasi Peak	192.36 MHz	23.69	-19.82
1 Quasi Peak	296.96 MHz	29.27	-16.74

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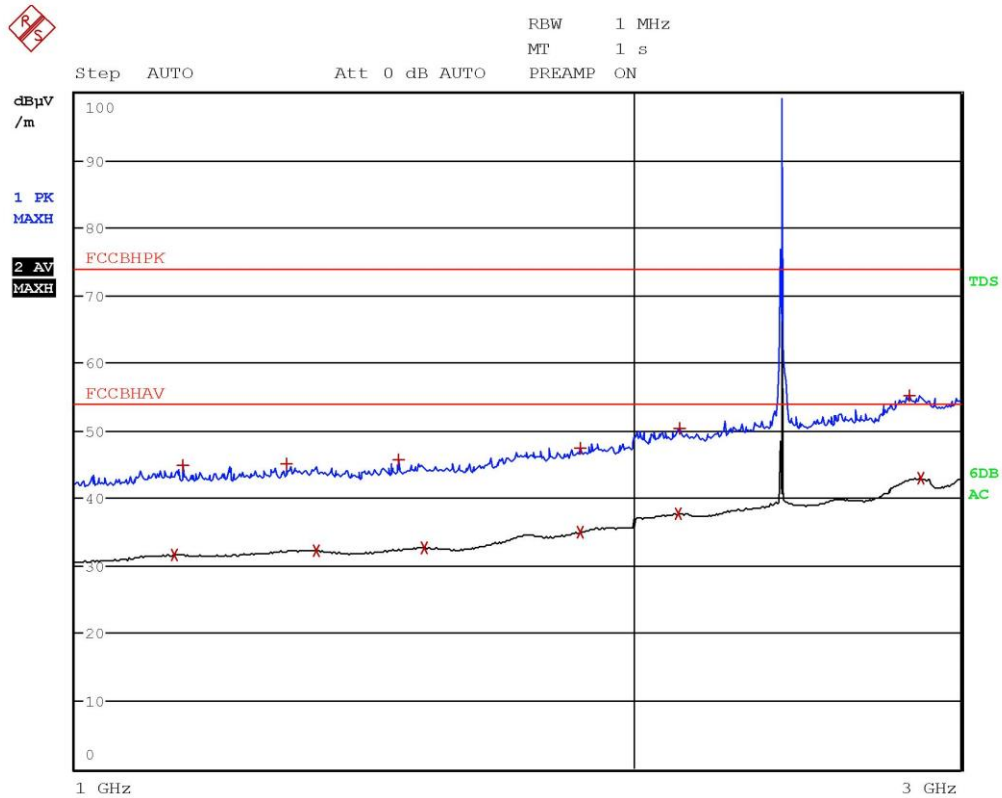


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EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209A		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	502 kHz	8.83	-24.75
1 Quasi Peak	838 kHz	7.65	-21.48
1 Quasi Peak	1.69 MHz	7.24	-15.79
1 Quasi Peak	5.638 MHz	7.95	-21.58
1 Quasi Peak	11.834 MHz	8.96	-20.57
1 Quasi Peak	20.51 MHz	8.29	-21.24

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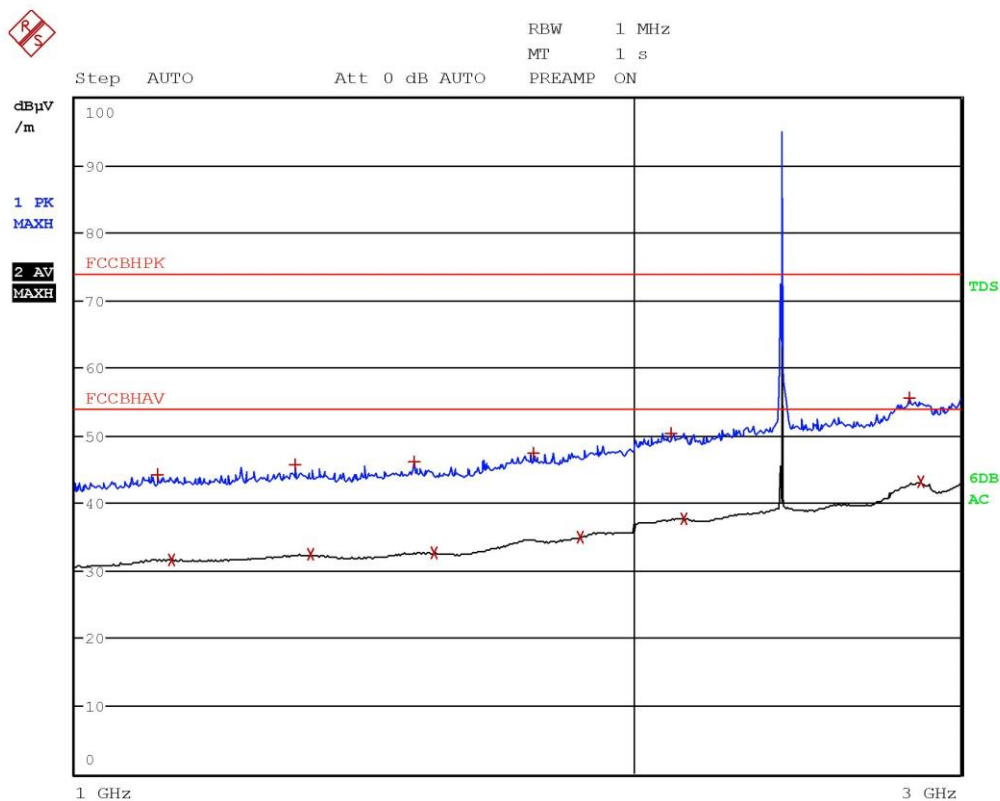


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EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
2 Average	1.1312 GHz	31.63	-22.34
1 Max Peak	1.1432 GHz	44.80	-29.17
1 Max Peak	1.3 GHz	45.09	-28.89
2 Average	1.3496 GHz	32.33	-21.64
1 Max Peak	1.4948 GHz	45.74	-28.23
2 Average	1.5404 GHz	32.74	-21.23
1 Max Peak	1.8704 GHz	47.43	-26.54
2 Average	1.8732 GHz	34.92	-19.05
2 Average	2.1132 GHz	37.69	-16.28
1 Max Peak	2.1152 GHz	50.34	-23.63
1 Max Peak	2.8164 GHz	55.20	-18.77
2 Average	2.8528 GHz	43.03	-10.94

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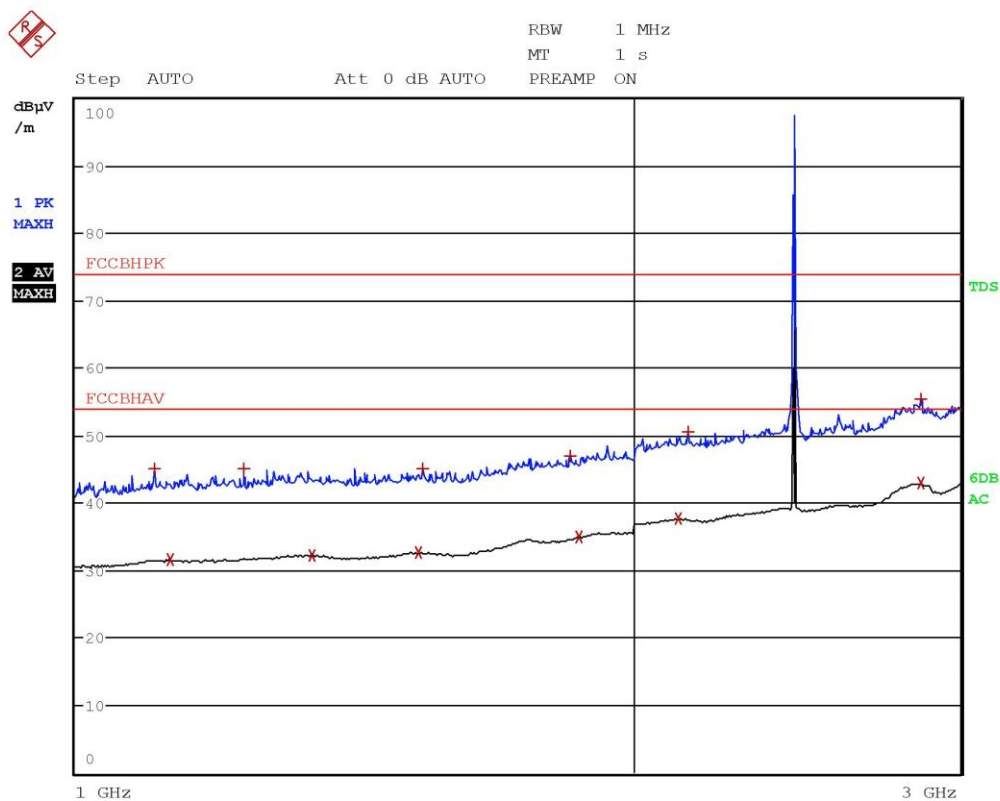


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EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Max Peak	1.1068 GHz	44.29	-29.68
2 Average	1.1272 GHz	31.65	-22.32
1 Max Peak	1.3132 GHz	45.79	-28.18
2 Average	1.338 GHz	32.41	-21.56
1 Max Peak	1.5232 GHz	46.05	-27.92
2 Average	1.5608 GHz	32.74	-21.23
1 Max Peak	1.7648 GHz	47.37	-26.61
2 Average	1.8712 GHz	34.91	-19.06
1 Max Peak	2.0936 GHz	50.28	-23.69
2 Average	2.126 GHz	37.77	-16.20
1 Max Peak	2.8132 GHz	55.58	-18.39
2 Average	2.8544 GHz	43.07	-10.91

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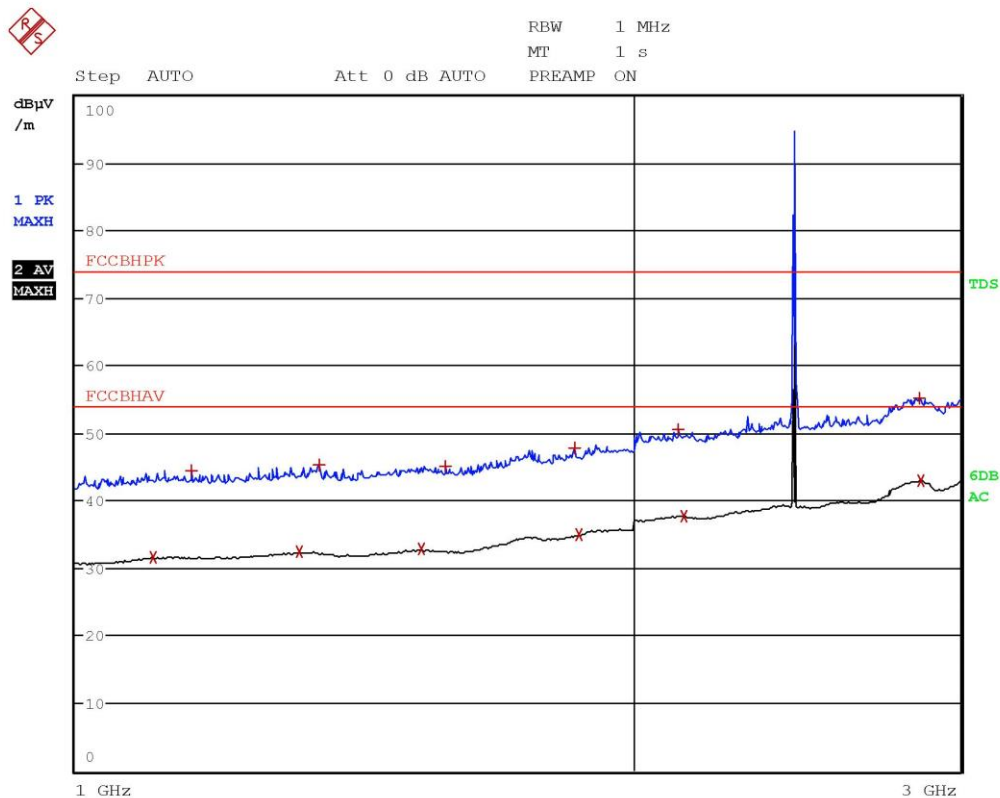


Seqalla 20176322



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Max Peak	1.1032 GHz	44.96	-29.01
2 Average	1.1248 GHz	31.53	-22.44
1 Max Peak	1.2316 GHz	45.14	-28.84
2 Average	1.3416 GHz	32.32	-21.65
2 Average	1.5316 GHz	32.72	-21.25
1 Max Peak	1.538 GHz	45.15	-28.82
1 Max Peak	1.8468 GHz	46.99	-26.99
2 Average	1.868 GHz	34.98	-19.00
2 Average	2.1144 GHz	37.66	-16.31
1 Max Peak	2.1392 GHz	50.46	-23.51
2 Average	2.8528 GHz	42.89	-11.08
1 Max Peak	2.8556 GHz	55.39	-18.58

Segalla 20176322

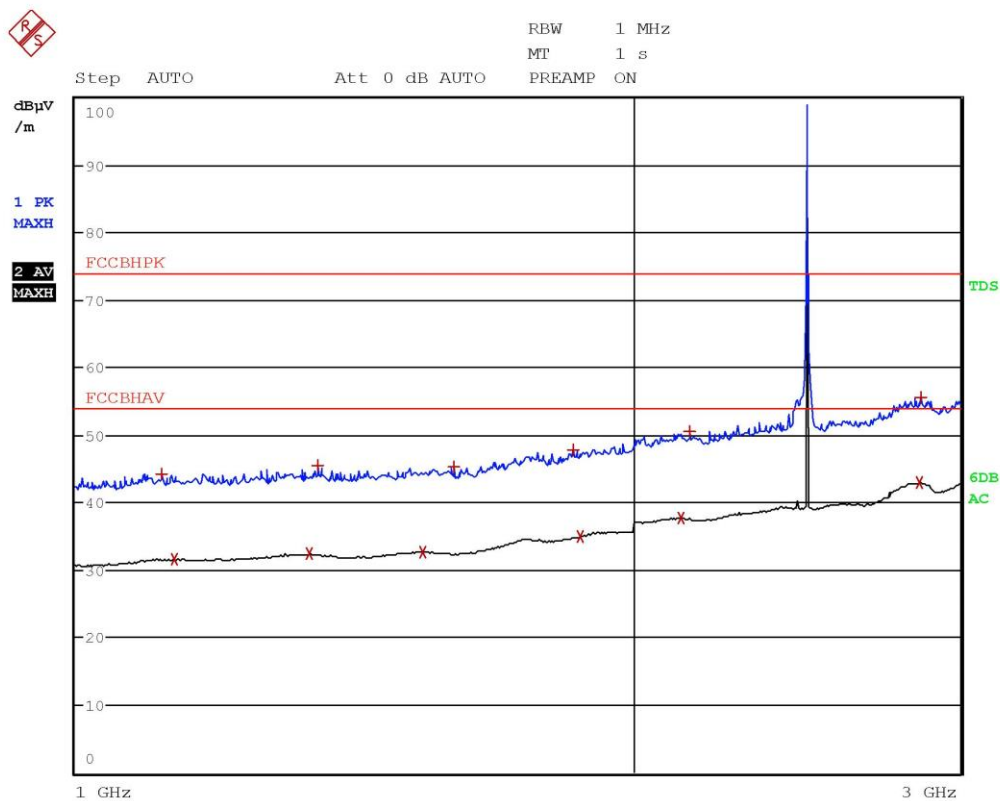


Segalla 20176323



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL, dBμV/m	DELTA LIMIT dB
2 Average	1.1008 GHz	31.66	-22.32
1 Max Peak	1.154 GHz	44.50	-29.47
2 Average	1.3208 GHz	32.41	-21.56
1 Max Peak	1.3528 GHz	45.20	-28.77
2 Average	1.5372 GHz	32.83	-21.14
1 Max Peak	1.5836 GHz	44.97	-29.00
1 Max Peak	1.8584 GHz	47.74	-26.23
2 Average	1.8672 GHz	34.92	-19.05
1 Max Peak	2.1112 GHz	50.46	-23.51
2 Average	2.126 GHz	37.75	-16.22
1 Max Peak	2.8508 GHz	55.20	-18.77
2 Average	2.8544 GHz	43.06	-10.92

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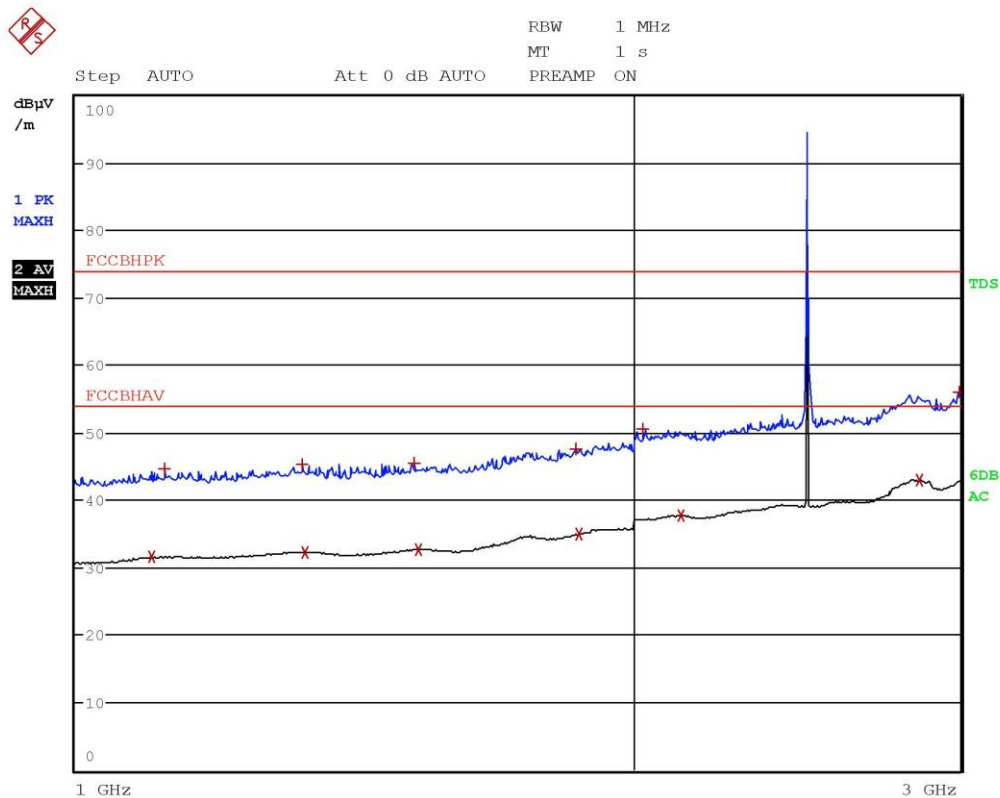


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EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Max Peak	1.1132 GHz	44.25	-29.72
2 Average	1.1316 GHz	31.69	-22.28
2 Average	1.3364 GHz	32.42	-21.55
1 Max Peak	1.3516 GHz	45.46	-28.52
2 Average	1.5388 GHz	32.73	-21.24
1 Max Peak	1.5984 GHz	45.23	-28.74
1 Max Peak	1.8544 GHz	47.70	-26.27
2 Average	1.872 GHz	34.88	-19.09
2 Average	2.1208 GHz	37.72	-16.25
1 Max Peak	2.1416 GHz	50.47	-23.50
2 Average	2.852 GHz	42.95	-11.02
1 Max Peak	2.8576 GHz	55.57	-18.40

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EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
2 Average	1.1 GHz	31.63	-22.34
1 Max Peak	1.1176 GHz	44.58	-29.39
1 Max Peak	1.324 GHz	45.29	-28.68
2 Average	1.3308 GHz	32.34	-21.63
1 Max Peak	1.5216 GHz	45.49	-28.48
2 Average	1.532 GHz	32.72	-21.25
1 Max Peak	1.8608 GHz	47.54	-26.43
2 Average	1.8676 GHz	34.96	-19.01
1 Max Peak	2.0212 GHz	50.50	-23.48
2 Average	2.1192 GHz	37.74	-16.24
2 Average	2.852 GHz	42.94	-11.03
1 Max Peak	2.996 GHz	55.98	-17.99

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