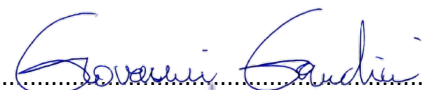


TEST REPORT

Nr. R22057201

Federal Communication Commission (FCC)

Report Reference No.	R22057201
Date of issue:	20.06.2022
Total number pages:	69
Customer name	Dixell S.r.l.
Address	Via dell'Industria, 27 – 32016 Alpagò (BL) – Italy
Test specification:	
Standards	FCC Rules & Regulations, Title 47:2020 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	2022-06
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	Dixell
(*) Manufacturer	Dixell S.r.l.
(*) Model / Type reference	BLEDIX001
(*) FCC ID	ZG5BLEDIX001
(*) Rating(s)	5 Vdc
Report	
Tested by (name + signature)	G. Gandini 
Approved by (name + signature)	F. Marenda 

(*) information provided by the customer

1 Summary

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2 Reference standard	
FCC Rules and Regulation Title 47 part 15:2020	--
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	

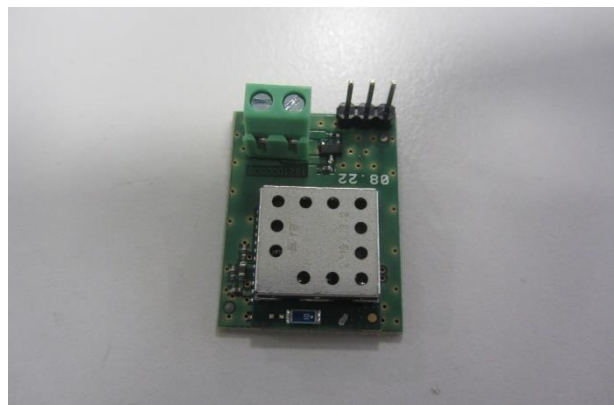
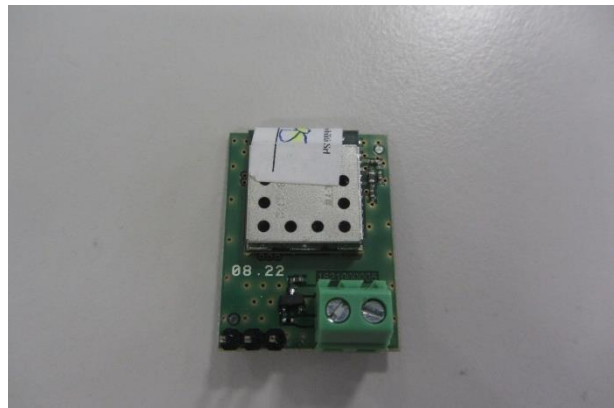
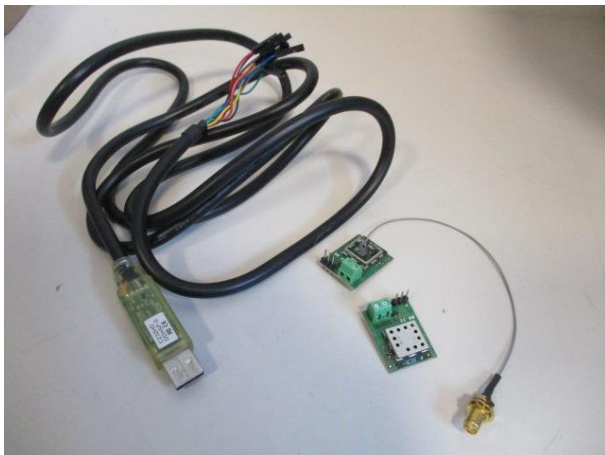
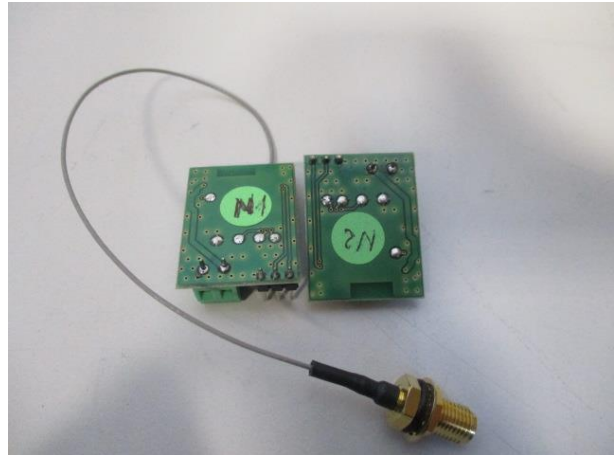
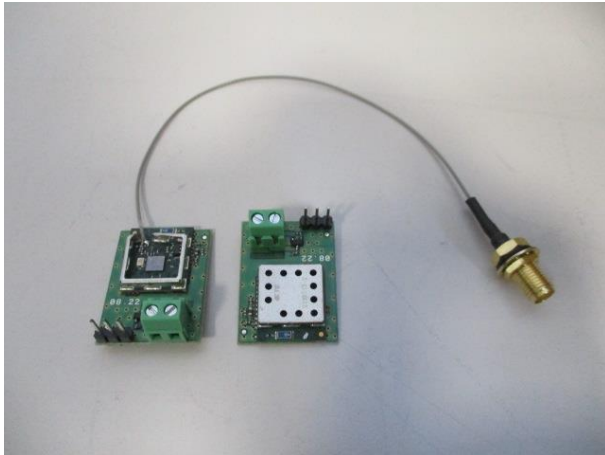
<i>Revision index</i>	<i>Date</i>	<i>Change history</i>
1.0	20.06.2022	--

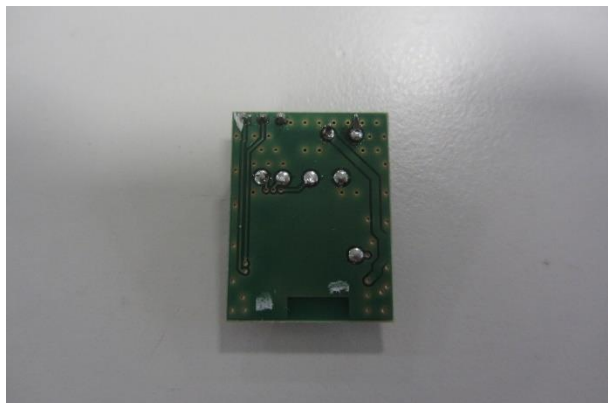
Testing and sampling:	
Date of receipt of test item	22.03.2022
Testing start date	09.06.2022
Testing end date	15.06.2022
Sampling procedure	Equipment used for testing was picked up by the customer
Internal identification	Adhesive label with the product number P220295
General remarks:	
This report shall 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 tested item and testing condition(s)

Description	Transceiver unit						
Model Number	BLEDIX001						
FCC ID	ZG5BLEDIX001						
Serial Number	--						
Brand name	Dixell						
Frequency band	2400 – 2483,5 MHz						
Nominal frequencies	F _L : 2402 MHz		F _M : 2440 MHz		F _H : 2480 MHz		
Test power supply.....		Voltage and Frequency	Reference poles				
			N	L1	L2	L3	PE
	☐	AC:	☐	☐	☐	☐	☐
	☐	AC:	☐	☐	☐	☐	☐
	☒	DC: 5 V					☐
Type of equipment	☒ Transmitter unit ☒ Receiver unit						
Type of station	☐ Portable station ☒ Mobile station						
Test arrangements of EUT	<i>Intended operational arrangement(s) of EUT</i>		<i>Test arrangement (see basic standard)</i>				
	☐ Table-top only		Table-top				
	☐ Floor-standing only		Floor-standing				
	☐ Can be floor-standing or table-top		Table-top				
	☐ Rack mounted		In rack or table-top				
	☒ Other, for example wall mounted, ceiling mounted, handheld, body worn		Table-top				
Operating modes	No.	Operating mode of test item					
	1	EUT in continuous transmission at maximum power					
Declination of responsibility	Information relating to the description of the sample, components list and software/hardware version (if reported) are provided by the customer. CMC Centro Misure Compatibilità S.r.l. cannot be considered responsible for these information, for any other document sent by the customer and for any difference between the software version present in the tested sample and that present in the object intended for final sale. In some cases, the software in the tested sample is in a version dedicated exclusively to the test, and therefore does not represent the software installed in the final version of the product.						

6.1 Photos of the test item





7 Verdict summary section

FCC Rules & Regulations, Title 47:2020 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 15:2020	--
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	09.06.2022	
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	1 dBi	
External R.F. power amplifier.....	Not Present	

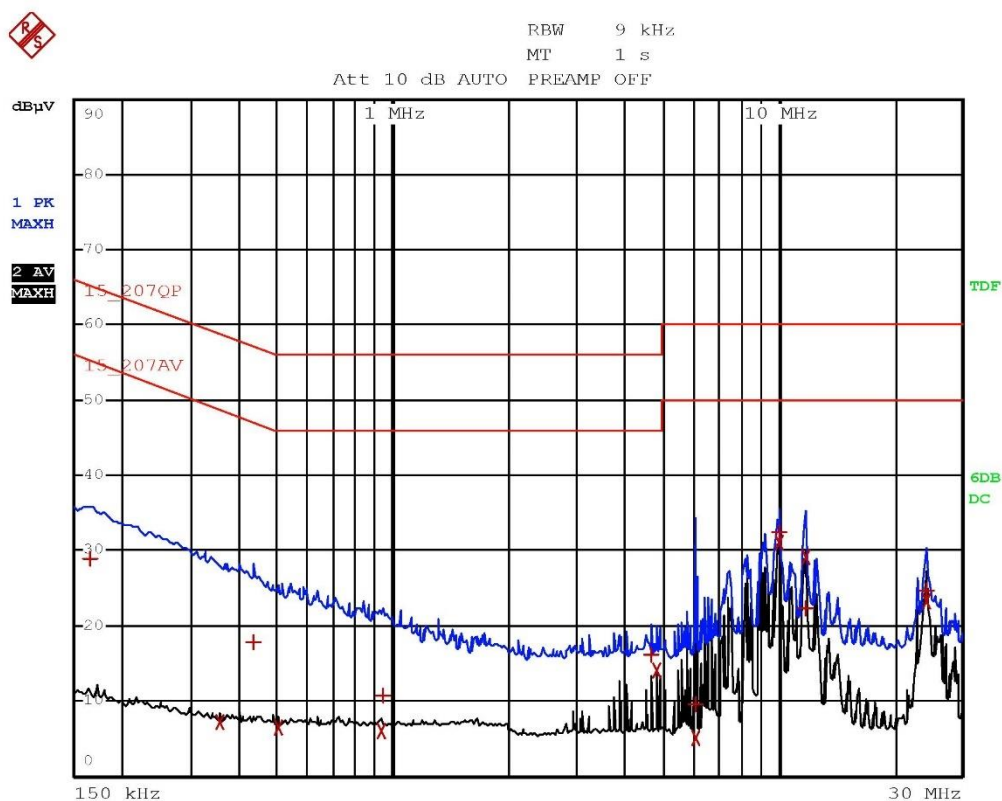
9.2 Conducted emission

Tested by	G. Gandini	
Test date	13.06.2022	
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)	$\text{dB}(\mu\text{V})$ Quasi-peak	$\text{dB}(\mu\text{V})$ Average
0,15 to 0,50	66 to 56	56 to 46
0,5 to 5	56	46
5 to 30	60	50

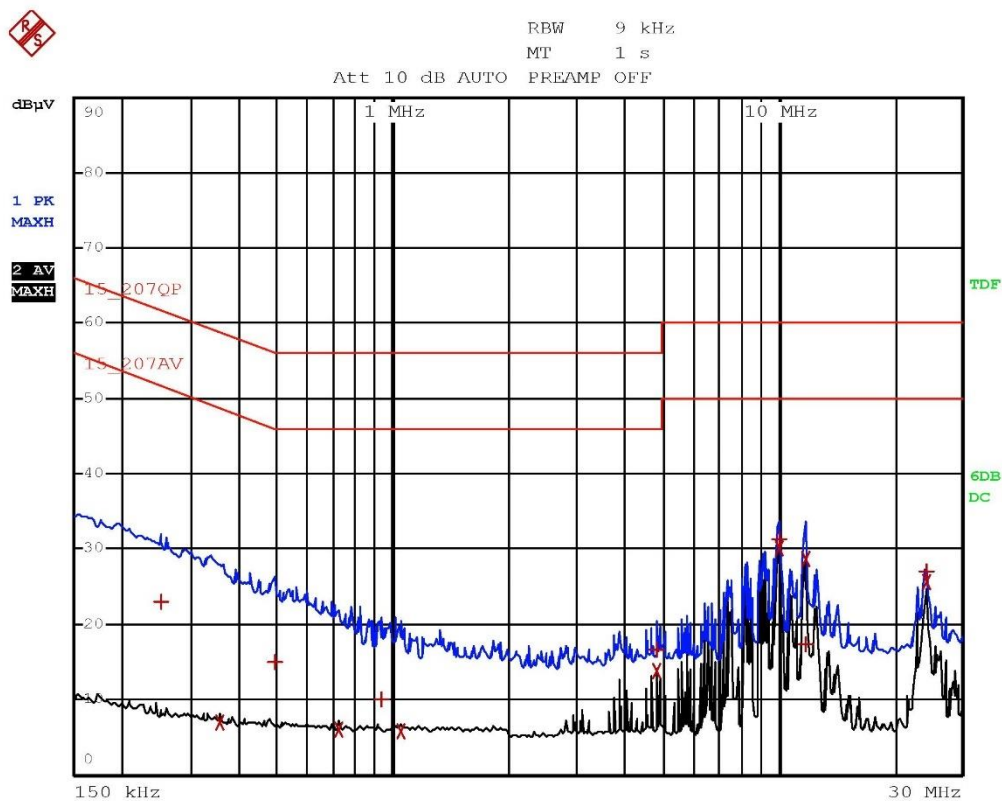
Graphs



Gandini 2257237

EDIT PEAK LIST (Final Measurement Results)				
Trace1:		15_207QP		
Trace2:		15_207AV		
Trace3:		---		
TRACE		FREQUENCY	LEVEL dBμV	DELTA LIMIT dB
1	Quasi Peak	166 kHz	28.91	-36.24
2	Average	354 kHz	7.16	-41.70
1	Quasi Peak	434 kHz	17.82	-39.34
2	Average	506 kHz	6.57	-39.42
2	Average	938 kHz	6.07	-39.92
1	Quasi Peak	942 kHz	10.65	-45.34
1	Quasi Peak	4.698 MHz	16.08	-39.91
2	Average	4.834 MHz	14.17	-31.82
1	Quasi Peak	6.146 MHz	9.58	-50.41
2	Average	6.146 MHz	5.03	-44.96
2	Average	10.07 MHz	31.14	-18.85
1	Quasi Peak	10.07 MHz	32.48	-27.51
2	Average	11.818 MHz	29.21	-20.78
1	Quasi Peak	11.838 MHz	22.40	-37.60
1	Quasi Peak	24.35 MHz	24.73	-35.26
2	Average	24.35 MHz	23.20	-26.79

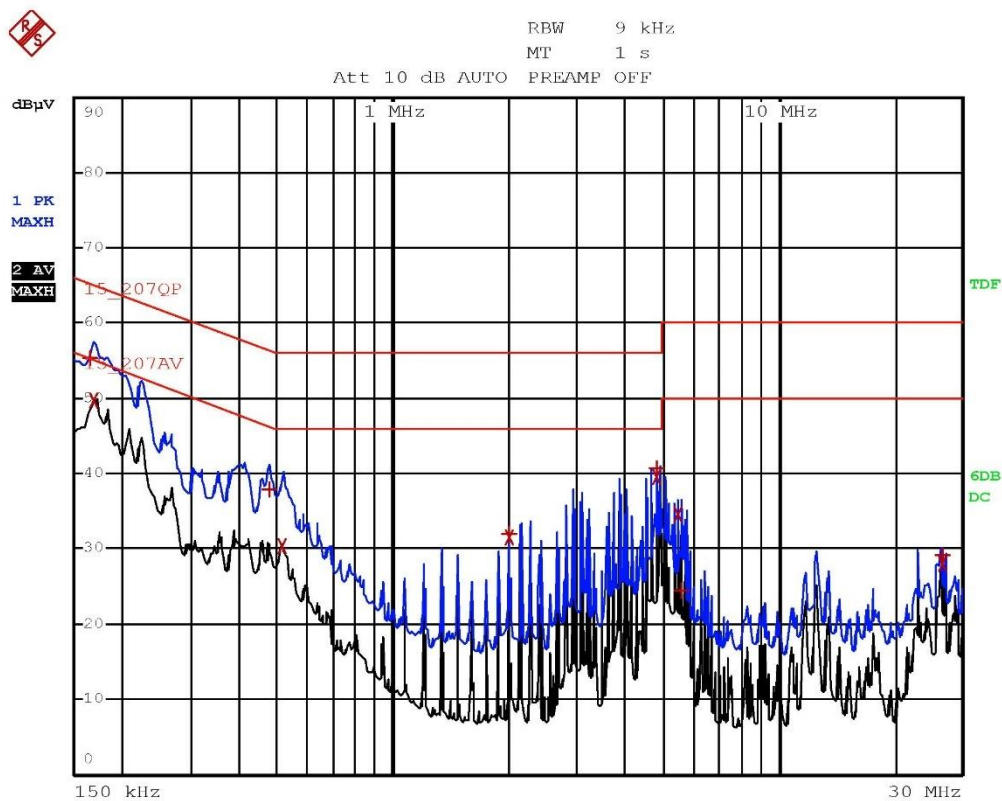
Gandini 2257237



Gandini 2257238

EDIT PEAK LIST (Final Measurement Results)				
Trace1:	15_207QP			
Trace2:	15_207AV			
Trace3:	---			
TRACE	FREQUENCY	LEVEL dBμV	DELTA LIMIT dB	
1 Quasi Peak	250 kHz	23.03	-38.72	
2 Average	354 kHz	7.06	-41.80	
1 Quasi Peak	494 kHz	15.06	-41.03	
2 Average	726 kHz	6.00	-39.99	
1 Quasi Peak	938 kHz	10.01	-45.98	
2 Average	1.046 MHz	5.75	-40.24	
1 Quasi Peak	4.834 MHz	16.58	-39.41	
2 Average	4.834 MHz	13.90	-32.09	
1 Quasi Peak	10.07 MHz	31.30	-28.70	
2 Average	10.07 MHz	30.11	-19.88	
1 Quasi Peak	11.766 MHz	17.37	-42.62	
2 Average	11.818 MHz	28.65	-21.34	
1 Quasi Peak	24.35 MHz	26.96	-33.03	
2 Average	24.35 MHz	25.63	-24.36	

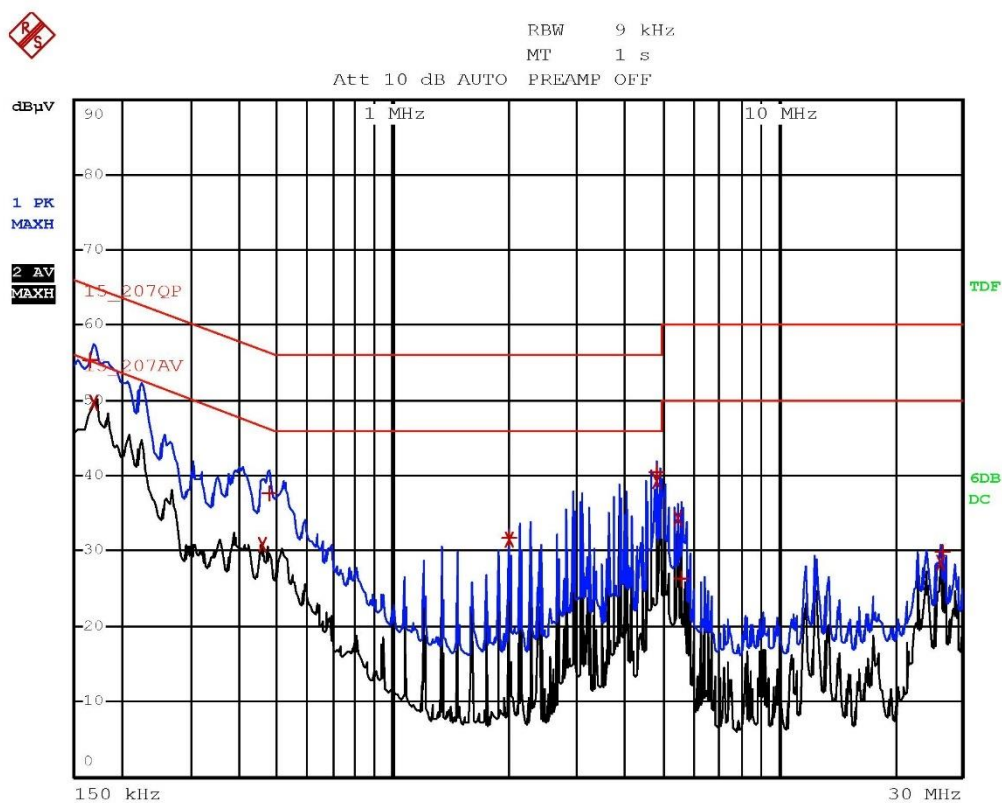
Gandini 2257238



Gandini 2257239

EDIT PEAK LIST (Final Measurement Results)				
Trace1:	15_207QP			
Trace2:	15_207AV			
Trace3:	---			
TRACE	FREQUENCY	LEVEL dBμV	DELTA LIMIT dB	
1 Quasi Peak	166 kHz	55.35	-9.80	
2 Average	170 kHz	49.75	-5.20	
1 Quasi Peak	478 kHz	37.80	-18.57	
2 Average	514 kHz	30.40	-15.59	
1 Quasi Peak	2.014 MHz	31.94	-24.05	
2 Average	2.014 MHz	31.53	-14.46	
1 Quasi Peak	4.834 MHz	40.72	-15.27	
2 Average	4.834 MHz	39.53	-6.46	
2 Average	5.506 MHz	34.50	-15.49	
1 Quasi Peak	5.626 MHz	24.44	-35.56	
1 Quasi Peak	26.61 MHz	29.14	-30.86	
2 Average	26.61 MHz	27.89	-22.10	

Gandini 2257239



Gandini 2257240

EDIT PEAK LIST (Final Measurement Results)				
Trace1:	15_207QP			
Trace2:	15_207AV			
Trace3:	---			
TRACE	FREQUENCY	LEVEL dBμV	DELTA LIMIT dB	
1 Quasi Peak	166 kHz	55.35	-9.80	
2 Average	170 kHz	49.72	-5.23	
2 Average	458 kHz	30.86	-15.86	
1 Quasi Peak	478 kHz	37.73	-18.64	
1 Quasi Peak	2.014 MHz	31.86	-24.13	
2 Average	2.014 MHz	31.48	-14.51	
1 Quasi Peak	4.834 MHz	40.52	-15.47	
2 Average	4.834 MHz	39.31	-6.68	
2 Average	5.506 MHz	34.27	-15.72	
1 Quasi Peak	5.63 MHz	26.32	-33.67	
2 Average	26.486 MHz	28.57	-21.42	
1 Quasi Peak	26.61 MHz	29.83	-30.16	

Gandini 2257240

9.3 Emissions in restricted frequency bands and in unrestricted frequency bands

Tested by	G. Gandini
Test date	31.05.2022
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			

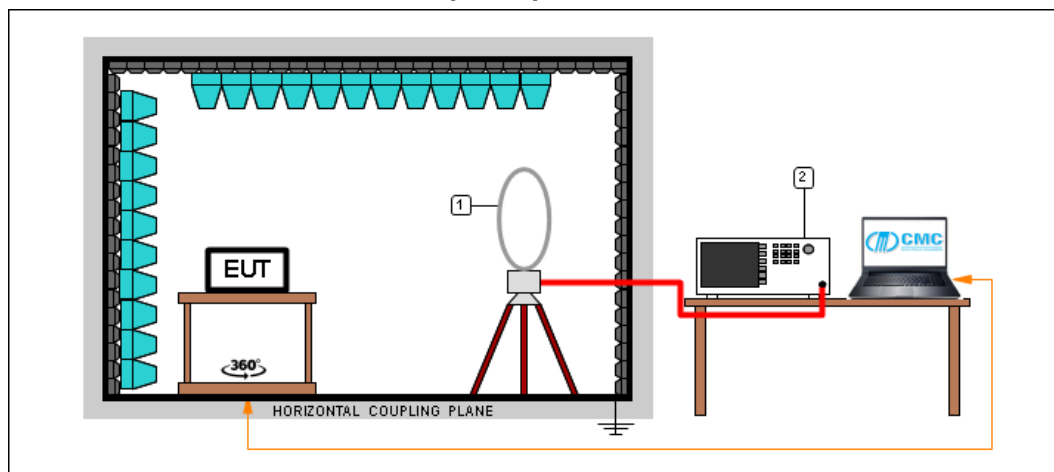
Acceptance limits for emissions in non-restricted frequency bands (according to ANSI C63.10 cl. 11.11.1)

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

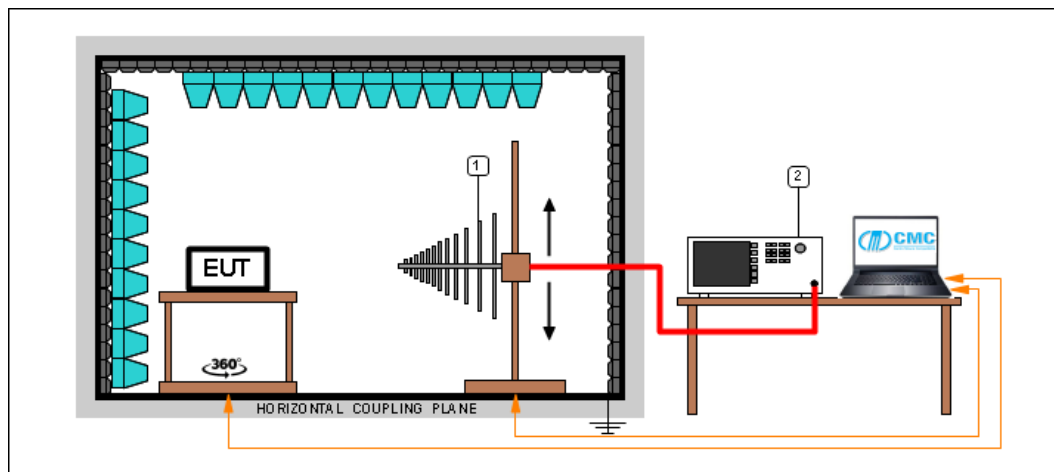
Frequency ≤ 30 MHz



Test setup PE004_01

Nr.	Id. Number	Manufacturer	Model	Description
2	CMC S353	Rohde & Schwarz	ESW26	EMI Test Receiver 1 Hz - 26.5 GHz
1	CMC S127	Schaffner	HLA6120	Loop Antenna 9kHz - 30MHz

Frequency ≤ 1 GHz



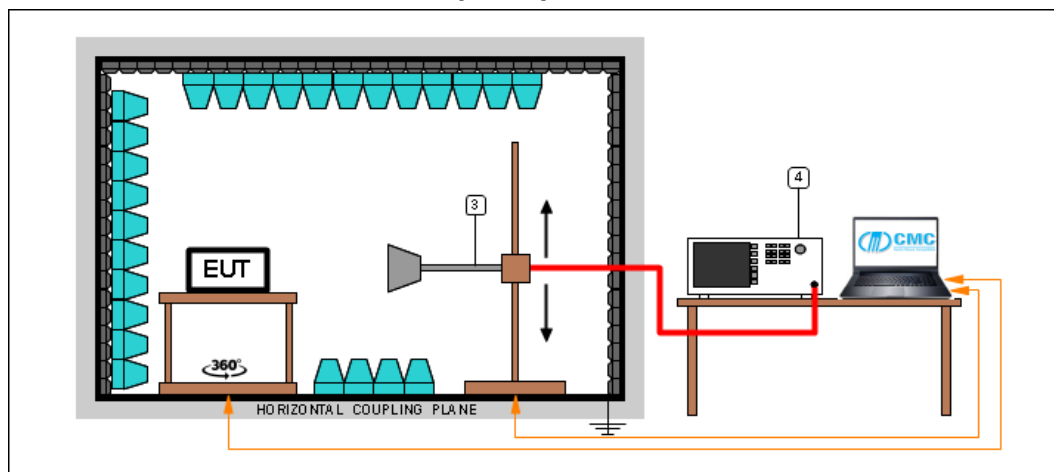
Test setup PE004_02

Nr.	Id. Number	Manufacturer	Model	Description
2	CMC S353	Rohde & Schwarz	ESW26	EMI Test Receiver 1 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 S353	Rohde & Schwarz	ESW26	EMI Test Receiver 1 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 S353	Rohde & Schwarz	ESW26	EMI Test Receiver 1 Hz - 26.5 GHz
3	CMC S108	Emco	3115	Waveguide antenna

Test setup PE004_05

Nr.	Id. Number	Manufacturer	Model	Description
4	CMC S353	Rohde & Schwarz	ESW26	EMI Test Receiver 1 Hz - 26.5 GHz
3	CMC S290	Schwarzbeck	BBHA 9170	Horn Antenna (15-40 GHz)

Result

Transmission channel	Polarization	Frequency Range (MHz)	Graphs	Verdict
Worst case	V	30 – 300	G22057201	P
Worst case	H	30 – 300	G22057202	P
Worst case	H	300 – 1000	G22057203	P
Worst case	V	300 – 1000	G22057204	P
Worst case	Loop	0,009 – 30	G22057205	P
2402 MHz	V	1000 – 3000	G22057206	P
2402 MHz	H	1000 – 3000	G22057207	P
2440 MHz	H	1000 – 3000	G22057208	P
2440 MHz	V	1000 – 3000	G22057209	P
2480 MHz	V	1000 – 3000	G22057210	P
2480 MHz	H	1000 – 3000	G22057211	P
2480 MHz	V	3000 – 18000	G22057216	P
2480 MHz	H	3000 – 18000	G22057217	P
2440 MHz	H	3000 – 18000	G22057218	P
2440 MHz	V	3000 – 18000	G22057219	P
2402 MHz	V	3000 – 18000	G22057220	P
2402 MHz	H	3000 – 18000	G22057221	P
2402 MHz	H	18000 – 26000	G22057241	P
2402 MHz	V	18000 – 26000	G22057242	P
2440 MHz	V	18000 – 26000	G22057243	P
2440 MHz	H	18000 – 26000	G22057244	P
2480 MHz	H	18000 – 26000	G22057245	P
2480 MHz	V	18000 – 26000	G22057246	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

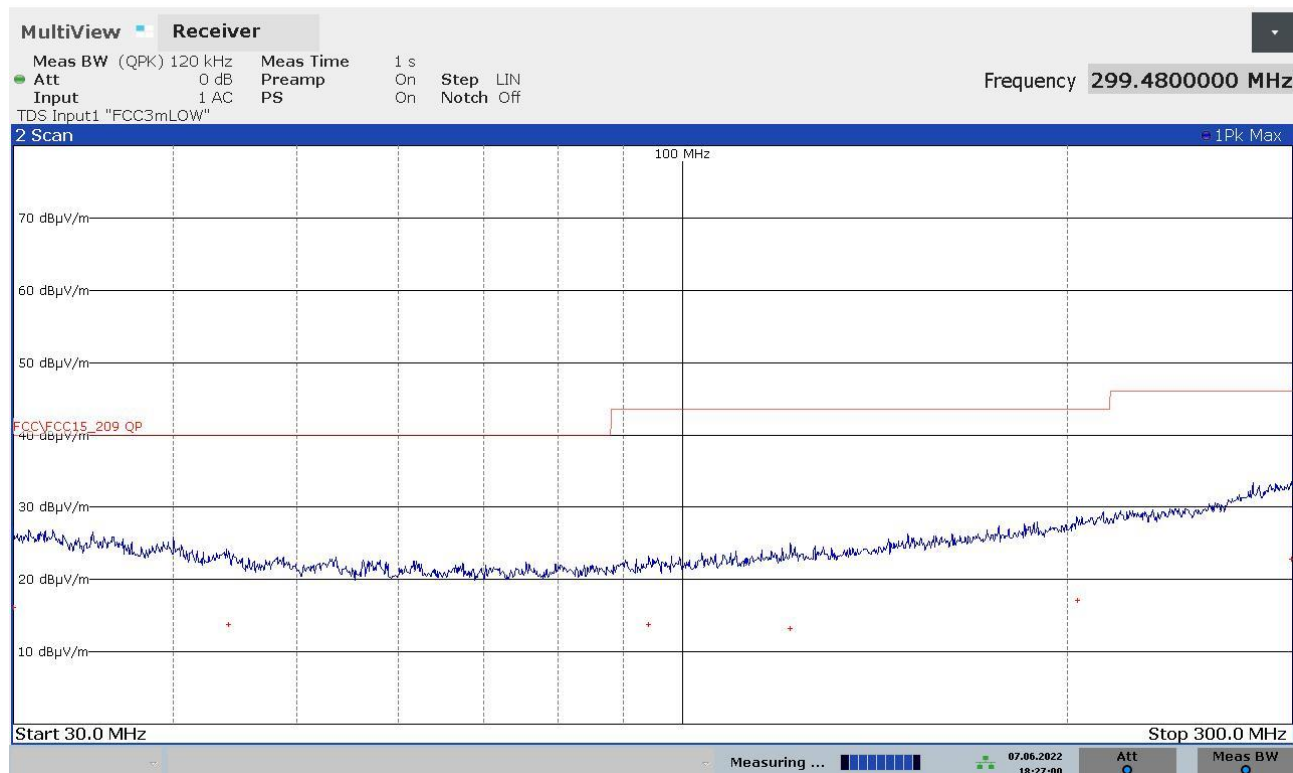
PK: Peak; QP [1s] (quasi-peak at 1 second) values are marked with a +

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

Gandini 22057201

FINAL RESULT TABLE		
QUASI PEAK		
Freq Hz	Lev dBuV/m	Margin dB
35040000	+16,12	-23,88
45320000	+12,53	-27,47
86560000	+16,84	-23,16
107960000	+21,08	-22,44
202680000	+16,82	-26,70
260560000	+24,44	-21,58

Gandini 22057202



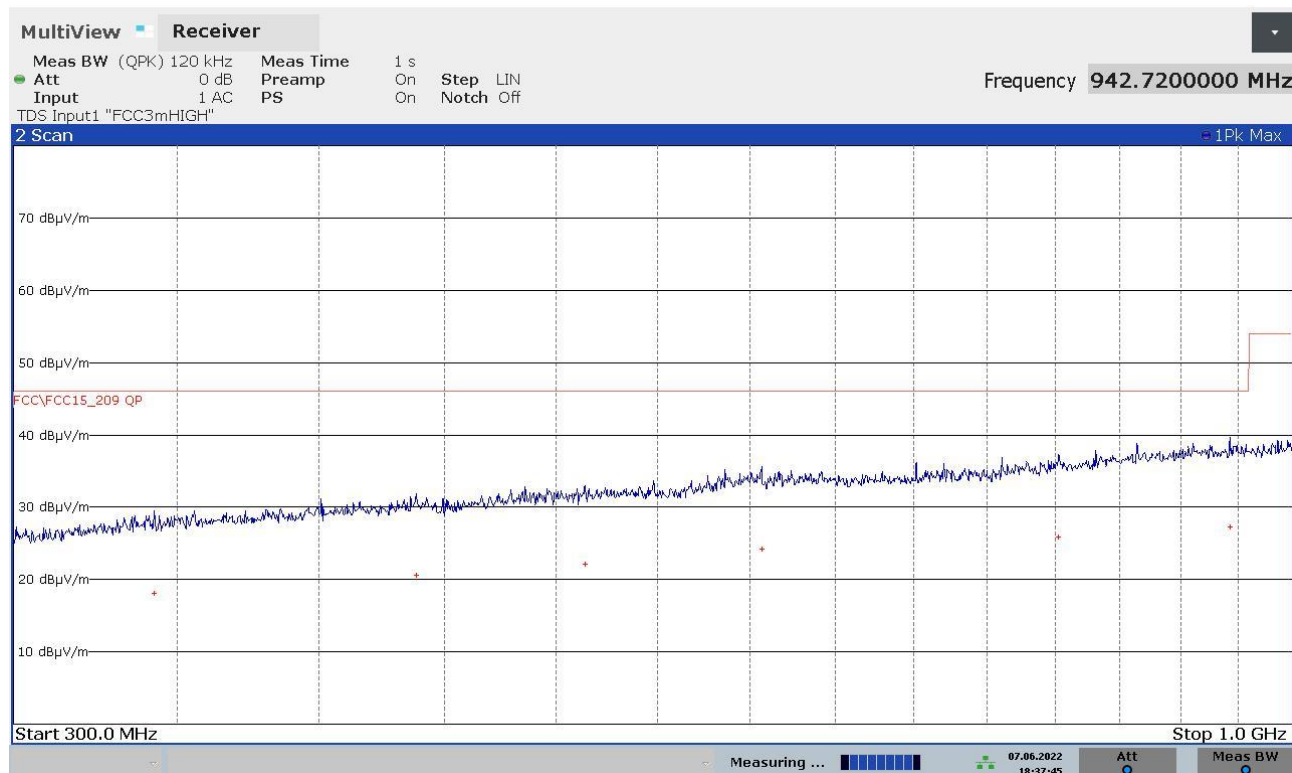
FINAL RESULT TABLE

QUASI PEAK

Freq Hz	Lev dBuV/m	Margin dB
30000000	+16,07	-23,93
44200000	+13,82	-26,18
94120000	+13,72	-29,80
121520000	+13,21	-30,31
203560000	+17,08	-26,44
299480000	+22,86	-23,16

22057202_2

Gandini 22057203



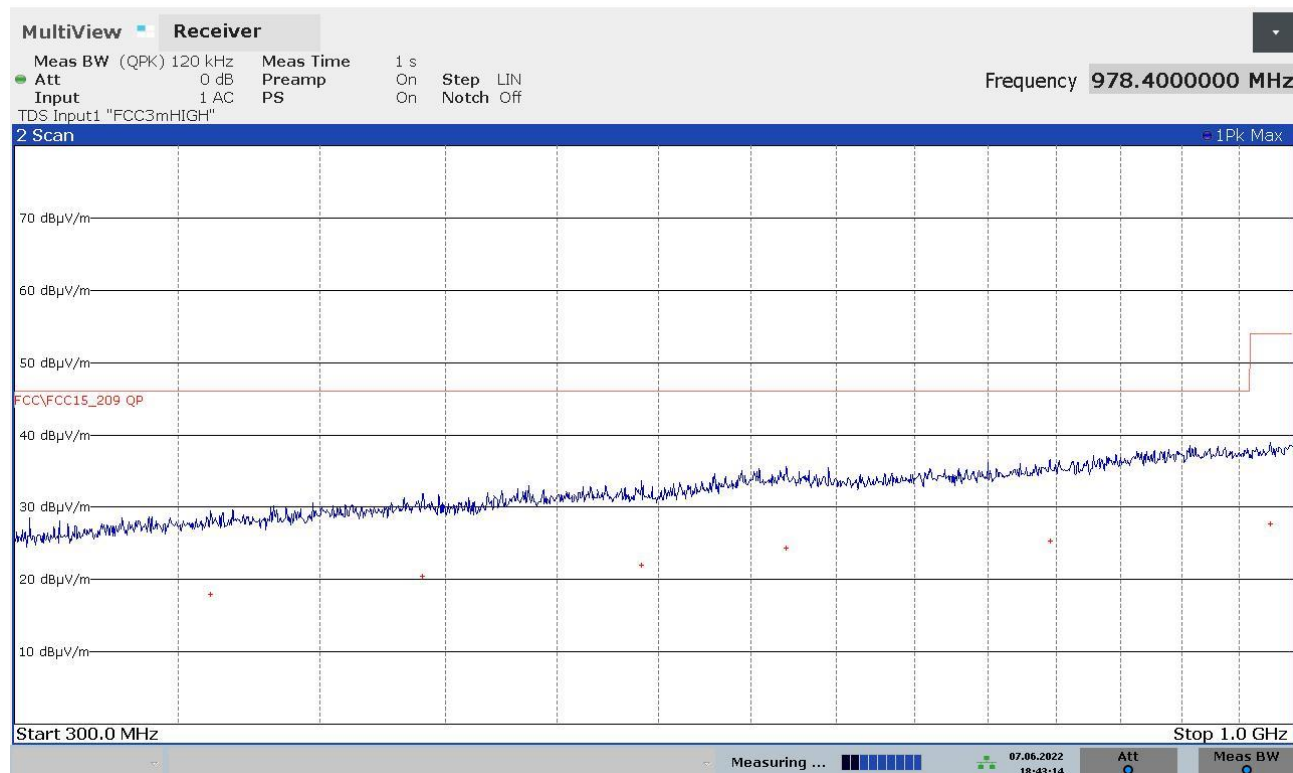
FINAL RESULT TABLE

QUASI PEAK

Freq Hz	Lev dBuV/m	Margin dB
342520000	+18,04	-27,98
438360000	+20,53	-25,49
513640000	+22,08	-23,94
606920000	+24,18	-21,84
802480000	+25,83	-20,19
942720000	+27,31	-18,71

22057203_2

Gandini 22057204

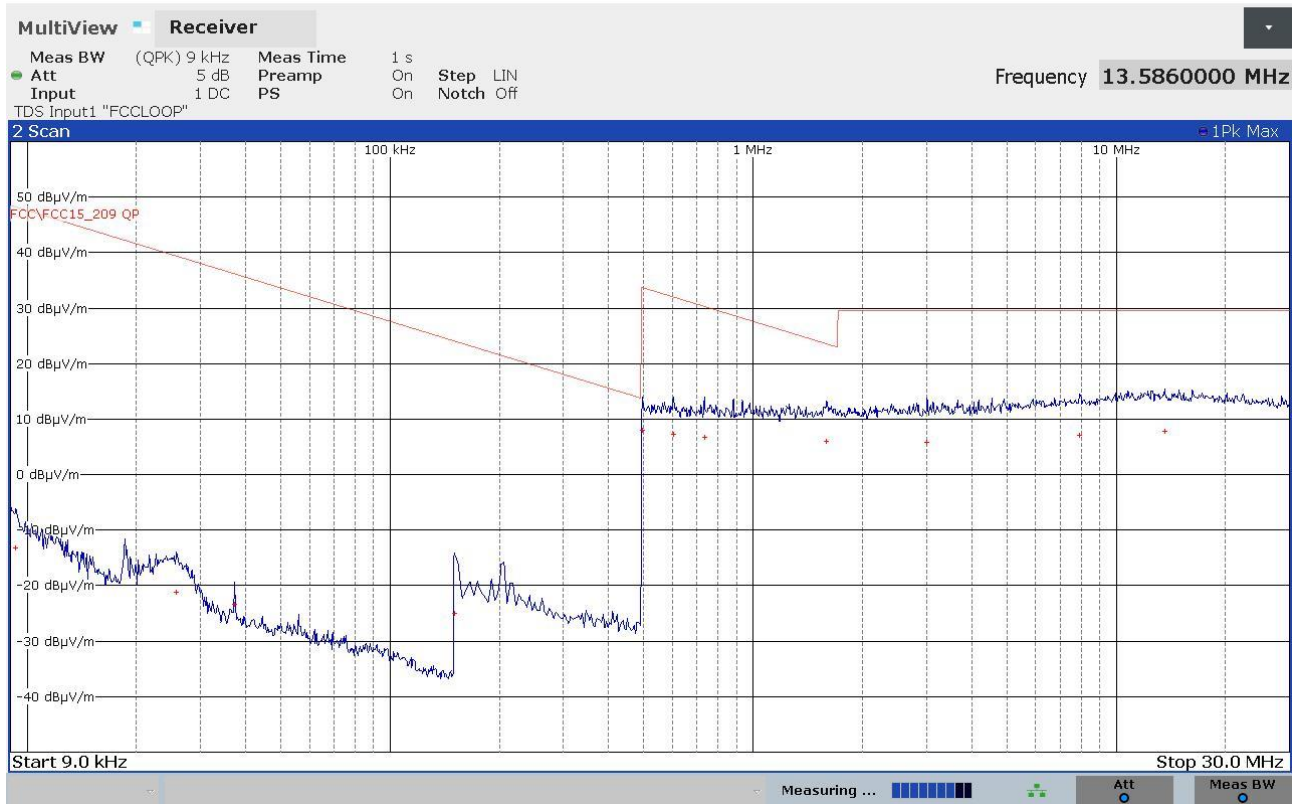


FINAL RESULT TABLE

QUASI PEAK		
Freq Hz	Lev dBuV/m	Margin dB
360800000	+17,91	-28,11
440640000	+20,50	-25,52
541360000	+22,03	-23,99
620440000	+24,41	-21,61
795120000	+25,36	-20,66
978400000	+27,73	-26,25

22057204_2

Gandini 22057205



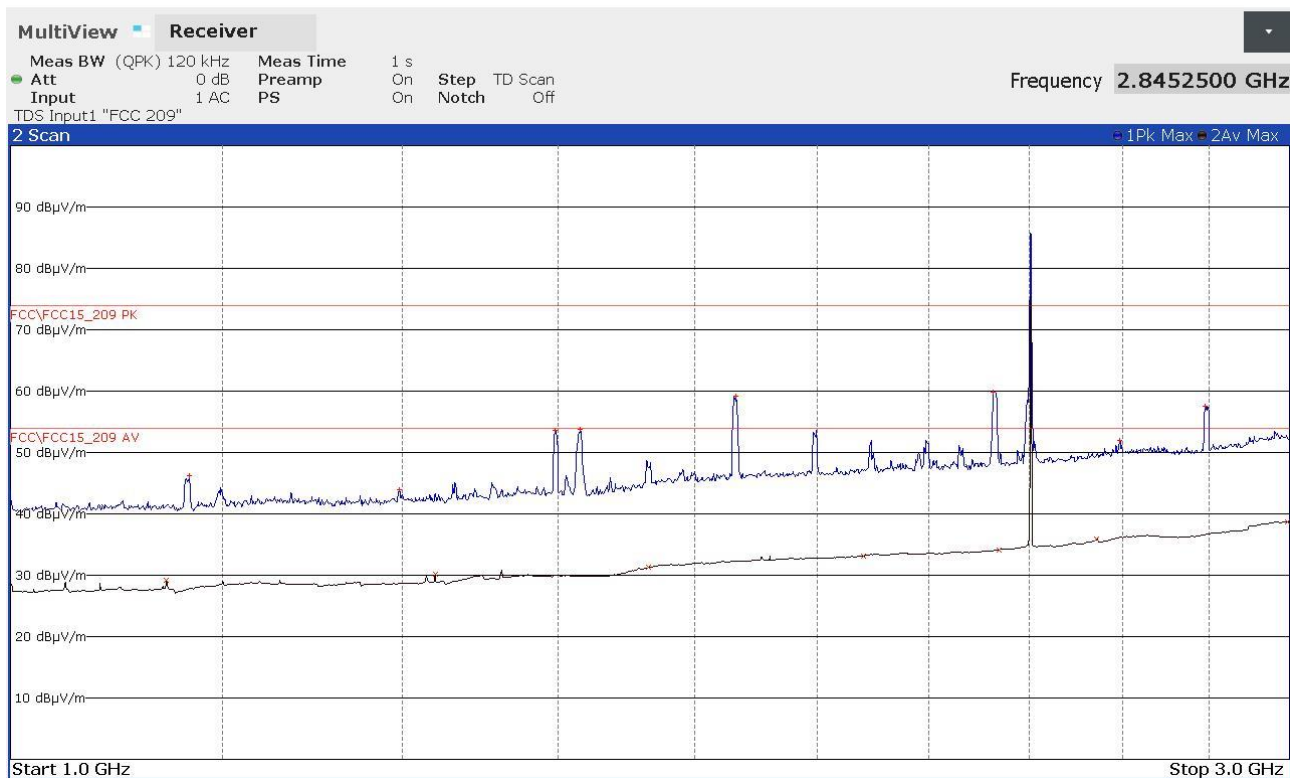
FINAL RESULT TABLE

QUASI PEAK

Freq Hz	Lev dBuV/m	Margin dB
9320	-13,19	-61,41
25800	-21,26	-60,63
37320	-23,33	-59,50
150000	-25,07	-49,15
494000	+7,97	-25,76
602000	+7,32	-24,69
734000	+6,81	-23,48
1594000	+5,92	-17,63
3014000	+5,76	-23,78
7918000	+7,00	-22,54
13586000	+7,80	-21,74

22057205_2

Gandini 22057206

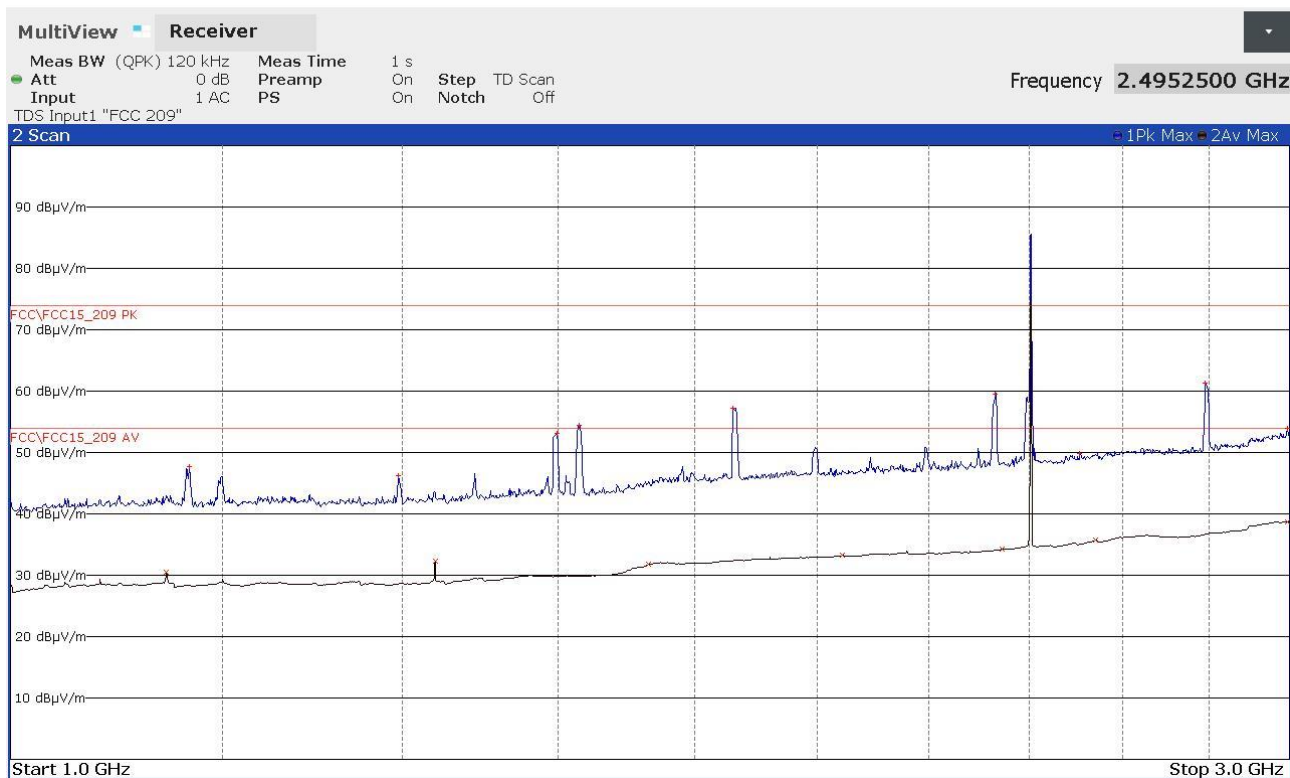


FINAL RESULT TABLE

MAX PEAK			AVERAGE		
Freq Hz	Lev dBuV/m	Margin dB	Freq Hz	Lev dBuV/m	Margin dB
1166250000	+46,21	-27,77	1143250000	+29,12	-24,86
1397000000	+43,88	-30,10	1440000000	+30,24	-23,74
1596750000	+53,68	-20,30	1730000000	+31,28	-22,70
1631750000	+53,71	-20,27	2080000000	+33,18	-20,80
1865000000	+59,14	-14,84	2338250000	+34,18	-19,80
2326000000	+59,89	-14,09	2542000000	+35,82	-18,16
2593750000	+52,01	-21,97	2994750000	+38,73	-15,25
2789500000	+57,59	-16,39			

22057206_2

Gandini 22057207

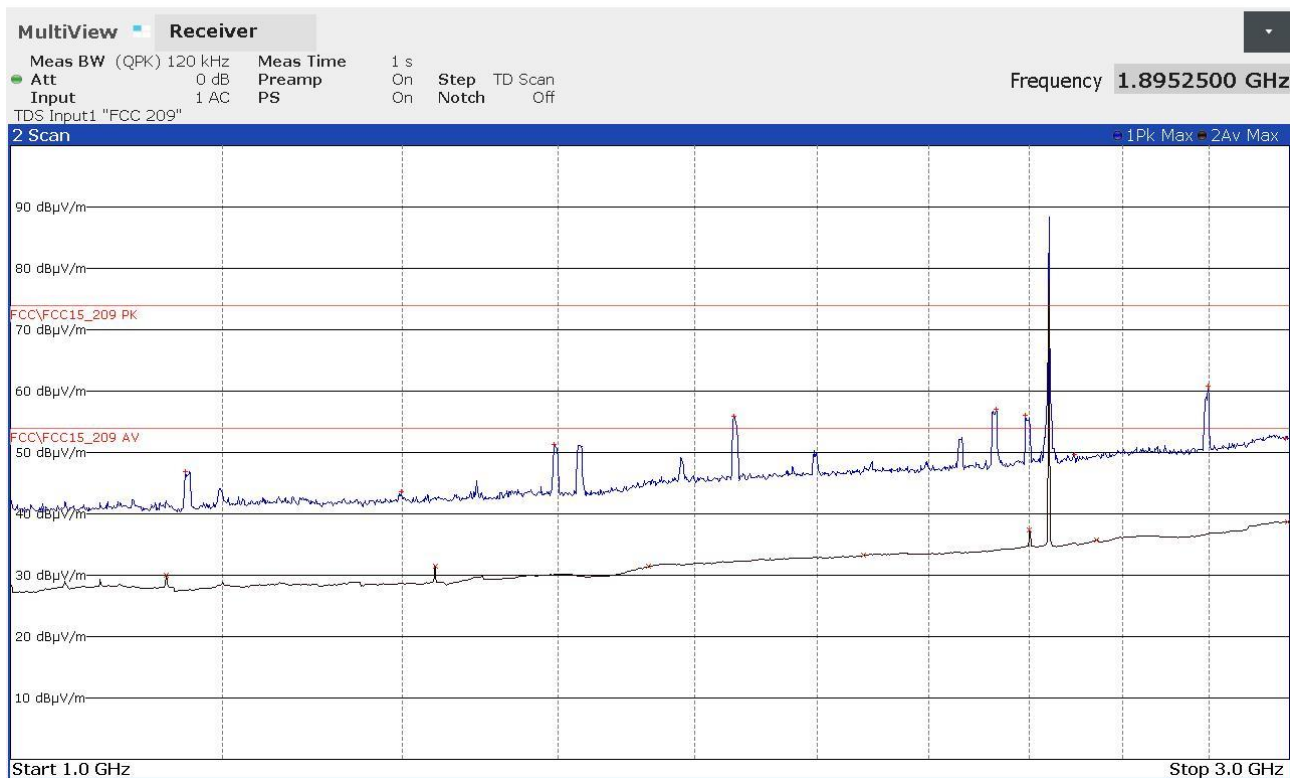


FINAL RESULT TABLE

MAX PEAK			AVERAGE		
Freq Hz	Lev dBuV/m	Margin dB	Freq Hz	Lev dBuV/m	Margin dB
1166000000	+47,63	-26,35	1143250000	+30,48	-23,50
1395500000	+46,15	-27,83	1440000000	+32,27	-21,71
1599000000	+53,08	-20,90	1730250000	+31,78	-22,20
1630500000	+54,46	-19,52	2043000000	+33,27	-20,71
1860000000	+57,21	-16,77	2344500000	+34,27	-19,71
2329750000	+59,52	-14,46	2540000000	+35,73	-18,25
2505500000	+49,79	-24,19	2994750000	+38,73	-15,25
2790750000	+61,36	-12,62			
2994500000	+53,93	-20,05			

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Gandini 22057208



FINAL RESULT TABLE

MAX PEAK			AVERAGE		
Freq Hz	Lev dBuV/m	Margin dB	Freq Hz	Lev dBuV/m	Margin dB
1162000000	+46,87	-27,11	1143250000	+30,01	-23,97
1399000000	+43,53	-30,45	1440000000	+31,42	-22,56
1595000000	+51,39	-22,59	1730000000	+31,43	-22,55
1862250000	+55,82	-18,16	2080000000	+33,20	-20,78
2331500000	+57,07	-16,91	2400000000	+37,44	-16,54
2391000000	+56,02	-17,96	2542500000	+35,79	-18,19
2493250000	+49,70	-24,28	2995000000	+38,74	-15,24
2797000000	+60,83	-13,15			
2988500000	+52,34	-21,64			

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