



## TEST REPORT

### Nr. R23079101

### Federal Communication Commission (FCC)

<b>Report Reference No.</b> .....	R23079101
Date of issue: .....	30.06.2023
Total number pages: .....	59
<b>Customer name</b> .....	Caen RFID S.r.l.
Address .....	Via Vetraia, 11 – 55049 Viareggio (LU) – Italy
<b>Test specification:</b>	
Standards .....	FCC Rules & Regulations, Title 47:2021 Part 15 paragraph(s): 203, 204, 205, 207, 209, 215 and 247
Non-standard test method .....	N/A
<b>Test Report Form No.</b> .....	15-247_Hopping_DEKRA
Test Report Form(s) Originator ...:	DEKRA Testing and Certification S.r.l.
Master TRF .....	2023-06
<b>General disclaimer:</b>	
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 DEKRA Testing and Certification S.r.l.	
<b>(*) Test item description</b> .....	R9100C - Lepton9 - 30dBm 1-Port RAIN RFID Reader Module
(*) Trademark .....	Caen RFID
(*) Manufacturer .....	Caen RFID S.r.l.
(*) Model / Type reference .....	R9100C - Lepton9 - 30dBm 1-Port RAIN RFID Reader Module
(*) FCC ID .....	UVECAENRFID037
(*) Rating(s) .....	5 Vdc
<b>Report</b>	
Tested by (name + signature) .....	C. Panozzo <span style="float: right;"></span>
Approved by (name + signature) .....	F. Marenda <span style="float: right;"></span>

(\*) information provided by the customer

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<b>2 Reference standard</b>	
FCC Rules and Regulation Title 47 part 15:2021	--
<b>3 List of attachments</b>	
Attachment 1: Measurement uncertainty, judgement of compliance and quality manual references	
<b>4 Deviation(s) from test specification</b>	
None	
<b>5 Testing location</b>	
DEKRA Testing and Certification S.r.l. Via della Fisica, 20 – 36016 Thiene (VI) – Italy Test site facility's FCC registration number: 182474	

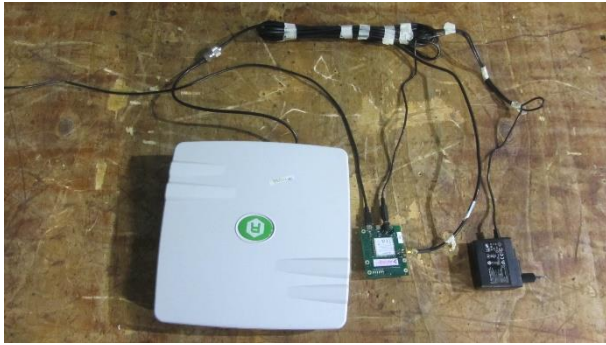
<b>Revision index</b>	<b>Date</b>	<b>Change history</b>
1.0	30.06.2023	--

Testing and sampling:	
Date of receipt of test item .....	21.04.2023
Testing start date .....	12.06.2023
Testing end date .....	28.06.2023
Sampling procedure .....	Sample used for testing chosen by the customer; DEKRA Testing and Certification S.r.l. cannot be considered responsible for the selection of the sample
Internal identification .....	Adhesive label with the product number P230368
General remarks:	
<p>This report shall not be reproduced, except in full, without the written approval of DEKRA Testing and Certification S.r.l.</p> <p>The test results presented in this report relate only to the object tested.</p> <p>“(see appended table)”: refers to a table appended to the report.</p> <p>Throughout this report a comma is used as the decimal separator.</p> <p>Tests reported in this test report marked by wording: “Test not accredited by ACCREDIA” are not part of the ACCREDIA accreditation of this laboratory.</p>	
Possible test case verdicts:	
Test case does not apply to the test object:	N/A (Not Applicable)
Test object meets the requirement:	P (Pass)
Test object does not meet the requirement:	F (Fail)
Test object was not evaluated for the requirement:	N/E (Not Executed)
Definition of symbols used in this test report:	
<input checked="" type="checkbox"/> Indicates that the listed condition, standard or equipment is applicable for this report. <input type="checkbox"/> 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 .....	R9100C - Lepton9 - 30dBm 1-Port RAIN RFID Reader Module						
Model Number .....	R9100C - Lepton9 - 30dBm 1-Port RAIN RFID Reader Module						
FCC ID .....	UVECAENRFID037						
Serial Number .....	0001000823120004						
Brand name .....	Caen RFID						
Frequency band .....	902 – 928 MHz						
Nominal frequencies .....	FL: 902,75 MHz	FM: 914,75 MHz	FH: 927,75 MHz				
Test power supply .....	Voltage and Frequency		Reference poles				
			N	L1	L2	L3	PE
	<input type="checkbox"/>	AC:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	AC:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	DC: 5 V					<input type="checkbox"/>
Firmware version .....	1.2.0						
Pseudo randomly ordered list of hopping frequencies .....	See document R9100C_Operational_Description						
Type of equipment .....	<input checked="" type="checkbox"/> Transmitter unit <input checked="" type="checkbox"/> Receiver unit						
Type of station .....	<input type="checkbox"/> Portable station <input checked="" type="checkbox"/> Mobile station						
Test arrangements of EUT .....	<i>Intended operational arrangement(s) of EUT</i>		<i>Test arrangement (see basic standard)</i>				
	<input type="checkbox"/>	Table-top only	Table-top				
	<input type="checkbox"/>	Floor-standing only	Floor-standing				
	<input type="checkbox"/>	Can be floor-standing or table-top	Table-top				
	<input type="checkbox"/>	Rack mounted	In rack or table-top				
	<input checked="" type="checkbox"/>	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 .....	<p>Information relating to the description of the sample, components list, and software/hardware version (if reported) are provided by the customer. DEKRA Testing and Certification S.r.l. cannot be considered responsible for this 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.</p> <p>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.</p>						

6.1 Photos of the test item



7 Verdict summary section

FCC Rules & Regulations, Title 47:2021 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	--	<b>P</b>
Part 15.203	Antenna requirements	ANSI C63.10	<b>P</b>
Part 15.207	Conducted emissions	ANSI C63.10	<b>P</b>
Part 15.209	Radiated emissions and spurious emissions	ANSI C63.10	<b>P</b>
Part 15.247	20 dB Bandwidth	ANSI C63.10	<b>P</b>
Part 15.247	Channel Separation	ANSI C63.10	<b>P</b>
Part 15.247	Number of Hopping Channel	ANSI C63.10	<b>P</b>
Part 15.247	Time of occupancy	ANSI C63.10	<b>P</b>
Part 15.247	Band edge	ANSI C63.10	<b>P</b>
Part 15.209 and 15.247	Peak Output Power	ANSI C63.10	<b>P</b>

<b>Normative references</b>	
<b>Reference no.</b>	<b>Description</b>
FCC Rules and Regulation Title 47 part 15:2021	--
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:		
	<b>Temperature</b>	<b>Humidity</b>	<b>Atmospheric pressure</b>
	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 .....	C. Panozzo	
Test date .....	12.06.2023	
Reference standards.....	FCC Rules and Regulation; Titles 47 Part. 15.203 and 15.204	
Test specification .....	<p>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</p>	
Antenna type .....	<input type="checkbox"/>	Integral antenna
	<input checked="" type="checkbox"/>	External antenna
Antenna gain .....	5,50 dBi	
External R.F. power amplifier.....	Not Present	

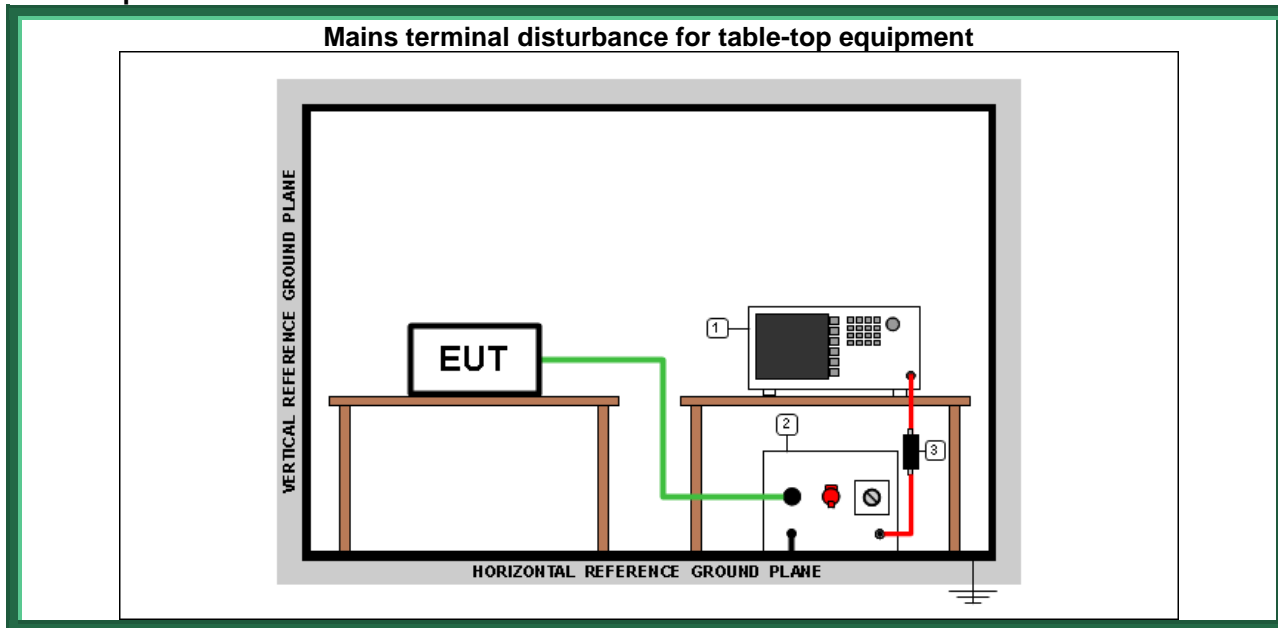
**9.2 Conducted emission**

Tested by .....	C. Panozzo	
Test date .....	28.06.2023	
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.....	<input checked="" type="checkbox"/>	Table top equipment set-up (80 cm above the reference ground plane)
	<input type="checkbox"/>	Floor standing equipment set-up (insulating material up to 12 mm thick)
	<input type="checkbox"/>	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.....	<input checked="" type="checkbox"/>	Artificial mains network, 50 $\mu$ H/50 $\Omega$ LISN
	<input type="checkbox"/>	Other:

**Acceptance limits**

<i>Frequency range (MHz)</i>	<i>dB(<math>\mu</math>V) Quasi-peak</i>	<i>dB(<math>\mu</math>V) 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	Serial number	Description
3	CMC S010	Rohde & Schwarz	ESH3-Z2	--	Pulse limiter
2	CMC S200	Schwarzbeck	NSLK 8128	8128-273	V-LISN
1	CMC S206	Rohde & Schwarz	ESCI 7	100781	EMC Receiver 9KHz-7GHz

Result

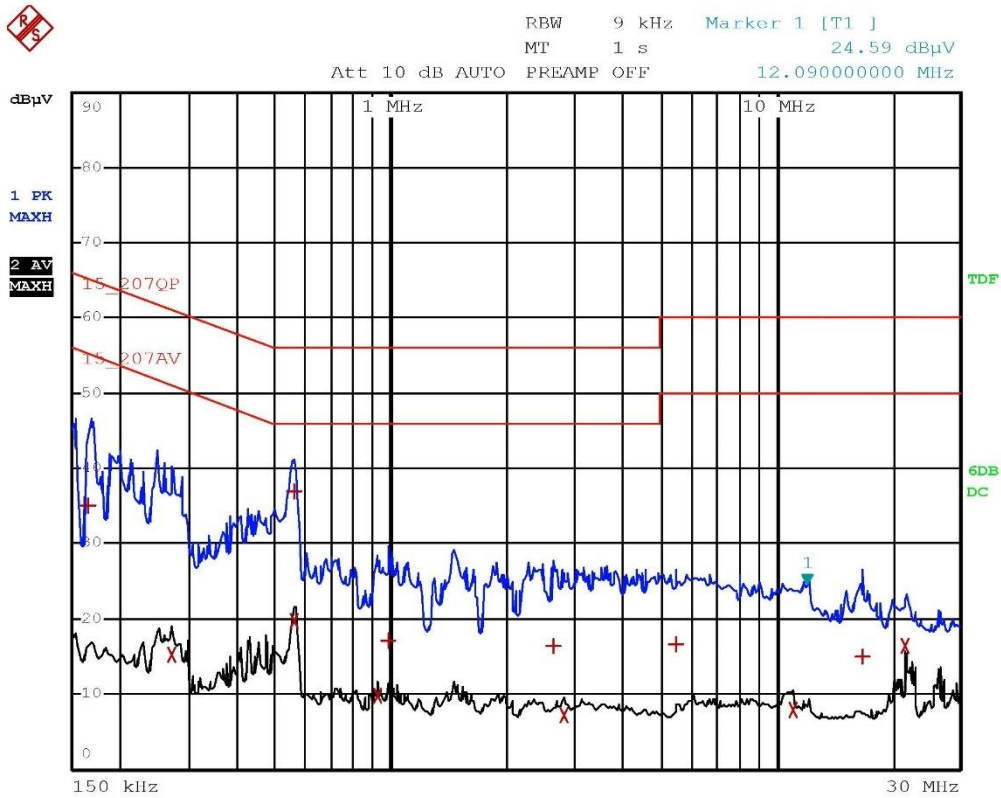
Line	Frequency Range (MHz)	Graphs	Remarks	Result
L1	0,15 – 30	G23079139	--	P
N	0,15 – 30	G23079140	--	P

Remarks: tests performed on 120 Vac side of power unit

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

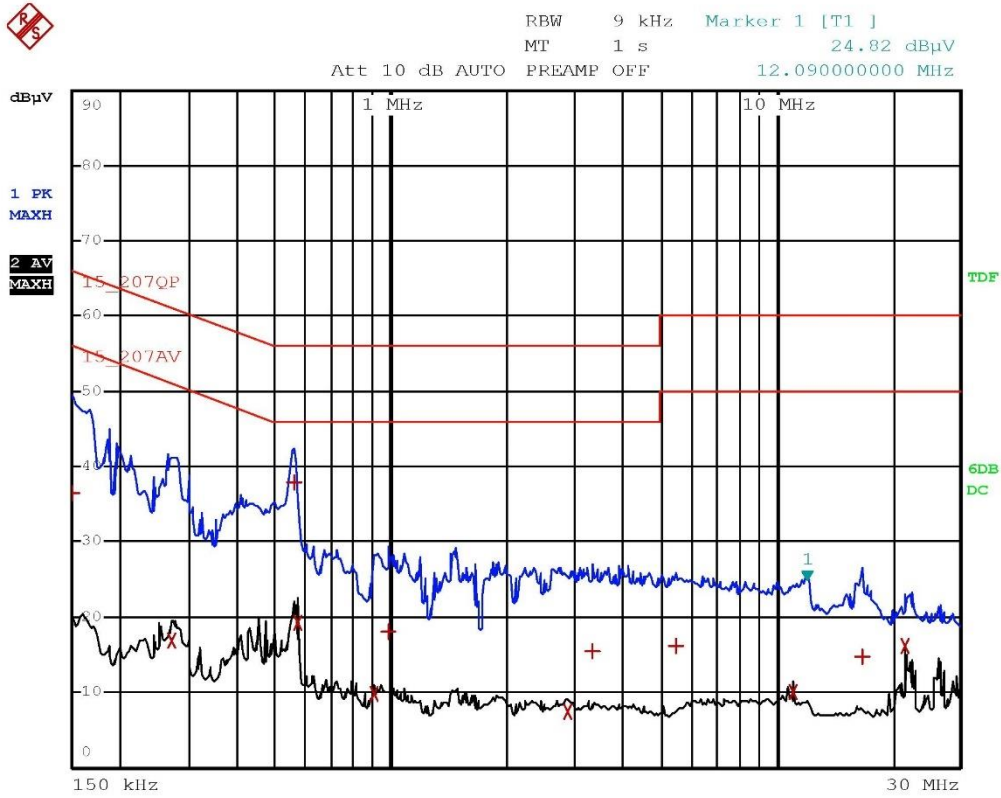
Graphs



Panozzo 23079139 Line L In Funzione

EDIT PEAK LIST (Final Measurement Results)			
Trace1:	15_207QP		
Trace2:	15_207AV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBpV	DELTA LIMIT dB
1 Quasi Peak	166 kHz	35.18	-29.97
2 Average	270 kHz	15.31	-35.80
1 Quasi Peak	558 kHz	36.87	-19.12
2 Average	558 kHz	19.64	-26.35
2 Average	926 kHz	9.81	-36.18
1 Quasi Peak	990 kHz	17.16	-38.83
1 Quasi Peak	2.654 MHz	16.40	-39.59
2 Average	2.818 MHz	7.25	-38.74
1 Quasi Peak	5.526 MHz	16.64	-43.35
2 Average	11.05 MHz	7.86	-42.13
1 Quasi Peak	16.69 MHz	15.07	-44.92
2 Average	21.662 MHz	16.36	-33.63

Panozzo 23079139 Line L In Funzione



Panozzo 23079140 Line N In Funzione

EDIT PEAK LIST (Final Measurement Results)				
Trace1:	15_207QP			
Trace2:	15_207AV			
Trace3:	---			
TRACE	FREQUENCY	LEVEL dBpV	DELTA LIMIT dB	
1 Quasi Peak	150 kHz	36.56	-29.43	
2 Average	274 kHz	17.00	-33.99	
1 Quasi Peak	558 kHz	37.91	-18.08	
2 Average	570 kHz	19.29	-26.70	
2 Average	902 kHz	9.91	-36.08	
1 Quasi Peak	990 kHz	18.02	-37.97	
2 Average	2.866 MHz	7.48	-38.51	
1 Quasi Peak	3.338 MHz	15.55	-40.44	
1 Quasi Peak	5.498 MHz	16.19	-43.80	
2 Average	11.07 MHz	10.04	-39.95	
1 Quasi Peak	16.802 MHz	14.85	-45.14	
2 Average	21.662 MHz	16.29	-33.71	

Panozzo 23079140 Line N In Funzione



### 9.3 Emissions in restricted frequency bands and in unrestricted frequency bands

Tested by .....	C. Panozzo	
Test date .....	12.06.2023	
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.....	<input checked="" type="checkbox"/>	Table top equipment set-up (80 cm above the reference ground plane)
	<input type="checkbox"/>	Floor standing equipment set-up (insulating material up to 12 mm thick)
	<input type="checkbox"/>	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 .....	OATS or SAC with measurement distance [m]: 10 m for frequencies below 1 GHz 3 m for frequencies above 1 GHz	
Supplementary information .....	--	

#### Acceptance limits

<b>Acceptance limits for emissions in restricted frequency bands (<math>f &lt; 1000</math> MHz)</b>		
Frequency range (MHz)	Test distance (m)	Limits [dB( $\mu$ V/m)]
0,009 to 0,490	300	$20\log(2400/F(\text{kHz}))$
0,490 to 1,705	30	$20\log(24000/F(\text{kHz}))$
1,705 to 30	30	$20\log(30)$
30 to 88	3	$20\log(100)^{**}$
88 to 216	3	$20\log(150)^{**}$
216 to 960	3	$20\log(200)^{**}$
Above 960	3	$20\log(500)$

\*\* : except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54 – 72 MHz, 76 – 88 MHz, 174 – 216 MHz or 470 – 806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241.

Perimeter protection systems may operate in the 54 – 72 MHz and 76 – 88 MHz bands under the provisions of this section. The use of such perimeter protection systems is limited to industrial, business and commercial applications.

**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

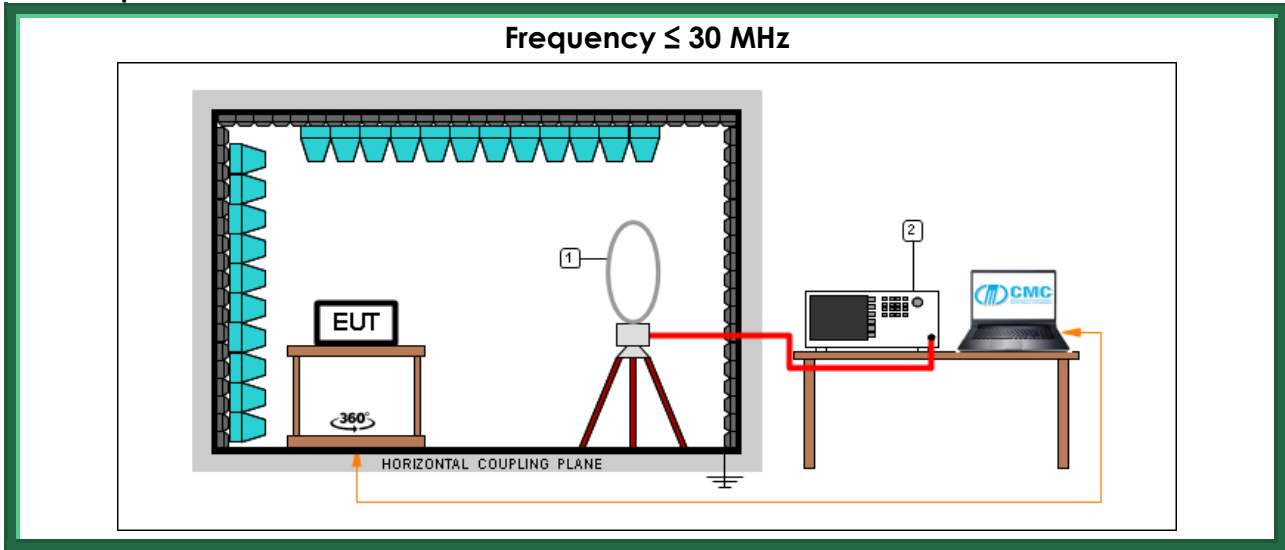
<b>Acceptance limits for emissions in restricted frequency bands (<math>f \geq 1000</math> MHz)</b>			
Frequency (MHz)	Test distance (m)	AV limits [dB( $\mu$ V/m)]	Peak limits [dB( $\mu$ V/m)]
> 1000	3	54	74

The restricted frequency bands are listed in the following table

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

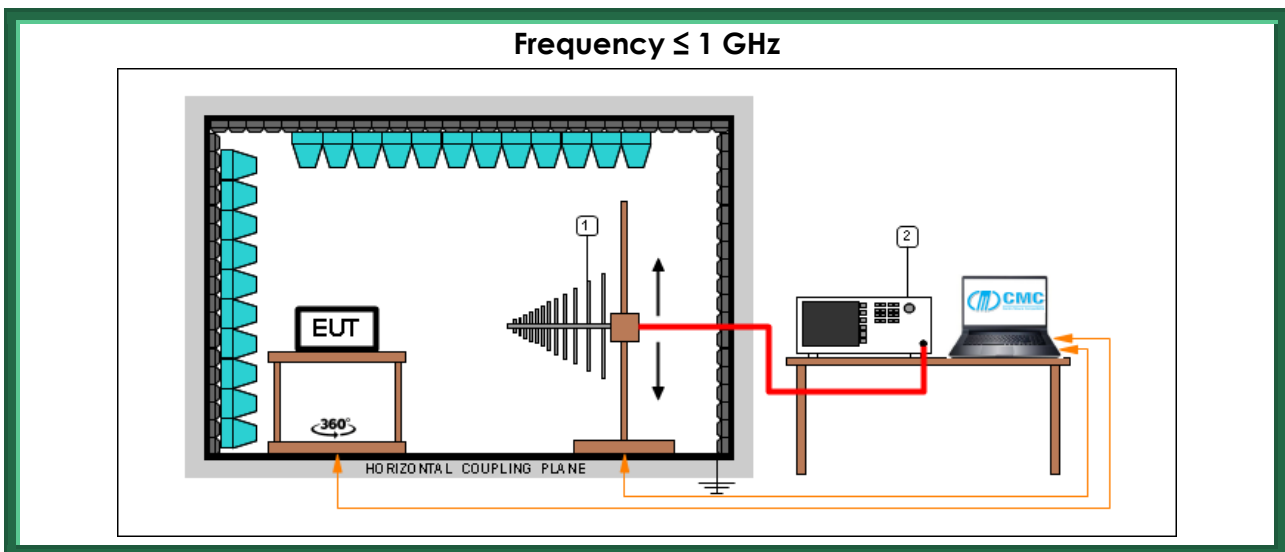
**Acceptance limits for emissions in non-restricted frequency bands**

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

**Test setup**


Test setup PE004\_01

Nr.	Id. Number	Manufacturer	Model	Serial number	Description
2	CMC S353	Rohde & Schwarz	ESW26	101492	Emi Test Receiver
1	CMC S127	Schaffner	HLA6120	1191	Loop Antenna 9kHz - 30MHz

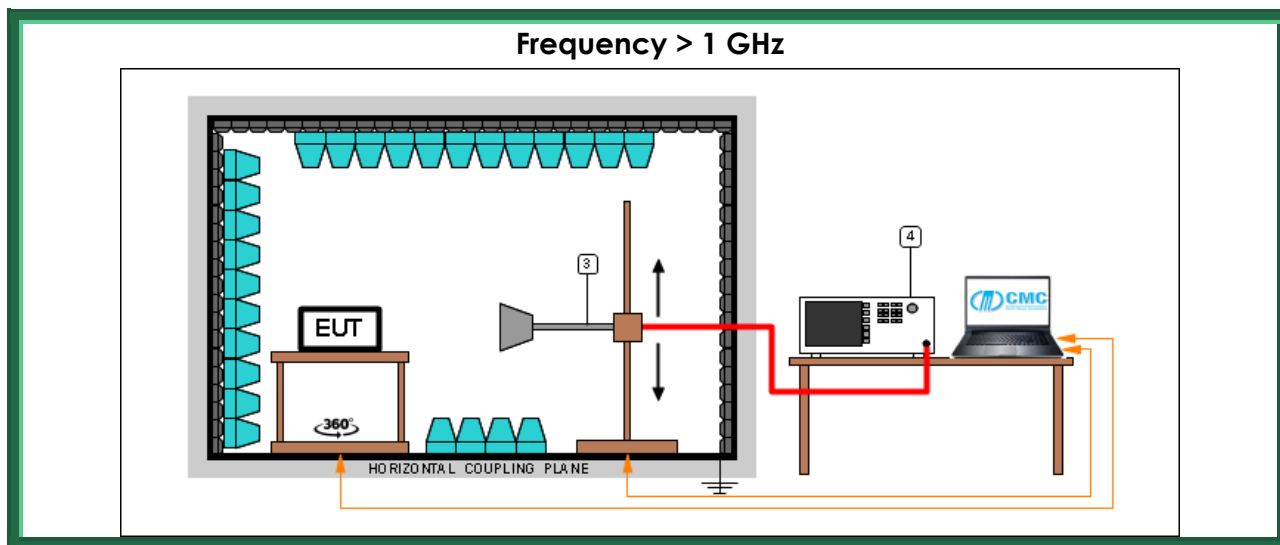


Test setup PE004\_02

Nr.	Id. Number	Manufacturer	Model	Serial number	Description
2	CMC S353	Rohde & Schwarz	ESW26	101492	Emi Test Receiver
1	CMC S271	Schwarzbeck	BBA 9106 + VHBB 9124	831	Broadband Antenna

Test setup PE004\_03

Nr.	Id. Number	Manufacturer	Model	Serial number	Description
2	CMC S353	Rohde & Schwarz	ESW26	101492	Emi Test Receiver
1	CMC S287	Schwarzbeck	VUSLP 9111B	9111B-203	Broadband Antenna



*Test setup PE004\_04*

Nr.	Id. Number	Manufacturer	Model	Serial number	Description
4	CMC S353	Rohde & Schwarz	ESW26	101492	Emi Test Receiver
3	CMC S108	Emco	3115	9811-5622	Waveguide antenna

*Test setup PE004\_05*

Nr.	Id. Number	Manufacturer	Model	Serial number	Description
4	CMC S353	Rohde & Schwarz	ESW26	101492	Emi Test Receiver
3	CMC S290	Schwarzbeck	BBHA 9170	733	Horn Antenna

**Result**

<i>Transmission channel (MHz)</i>	<i>Polarization</i>	<i>Frequency Range (MHz)</i>	<i>Graphs</i>	<i>Result</i>
902,75	V	1000 – 10000	G23079101	P
902,75	H	1000 – 10000	G23079102	P
914,75	H	1000 – 10000	G23079103	P
914,75	V	1000 – 10000	G23079104	P
927,25	V	1000 – 10000	G23079105	P
927,25	H	1000 – 10000	G23079106	P
902,75	H	300 – 1000	G23079107	P
902,75	V	300 – 1000	G23079108	P
914,75	V	300 – 1000	G23079109	P
914,75	H	300 – 1000	G23079110	P
927,25	H	300 – 1000	G23079111	P
927,25	V	300 – 1000	G23079112	P
Worst case	V	30 – 300	G23079113	P
Worst case	H	30 – 300	G23079114	P
Worst case	Loop	0,009 – 30	G23079115	P

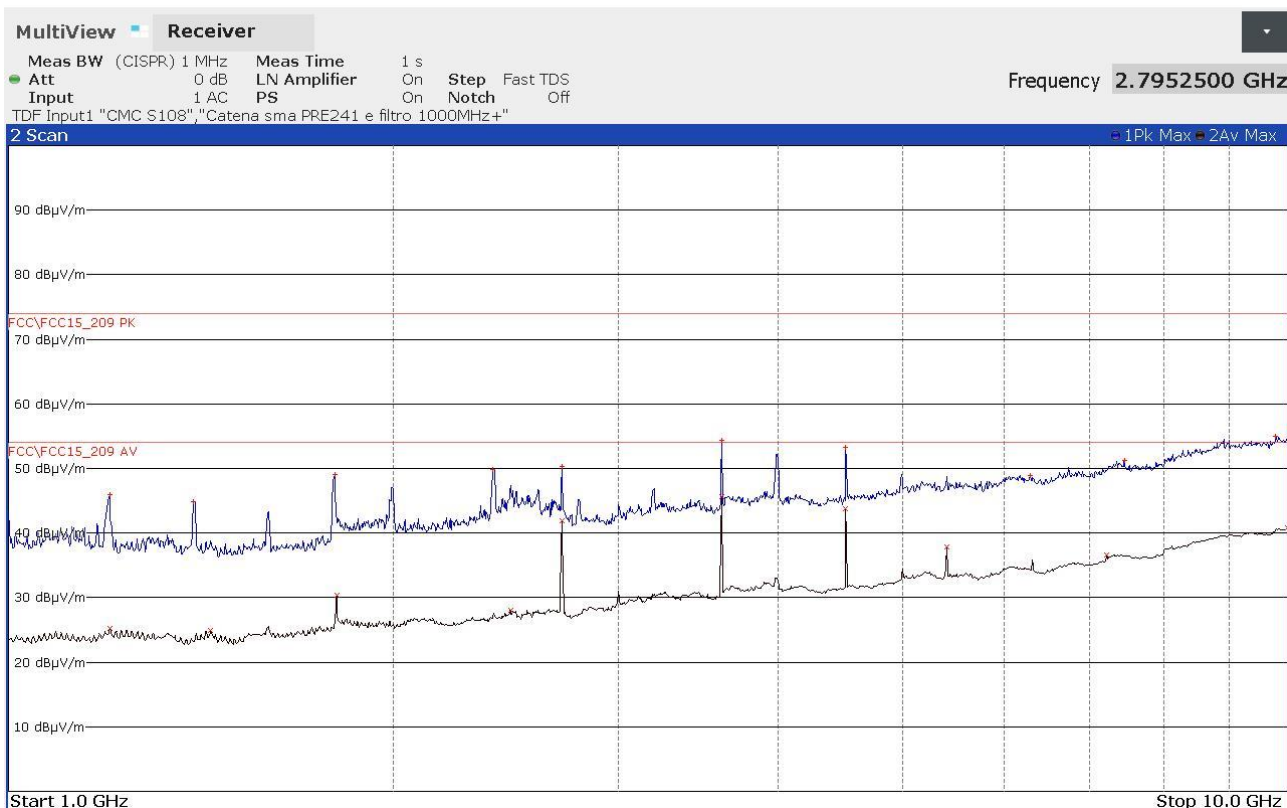
**Remarks:** EUT was tested in 3 orthogonal planes, graphs are related to the highest detected levels. Measurements at frequencies lower than 30 MHz have been performed with an EUT – antenna distance of 10 m. Measured values have been corrected with conversion factor  $40\log(\text{test distance}/10)$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

Panozzo 23079101

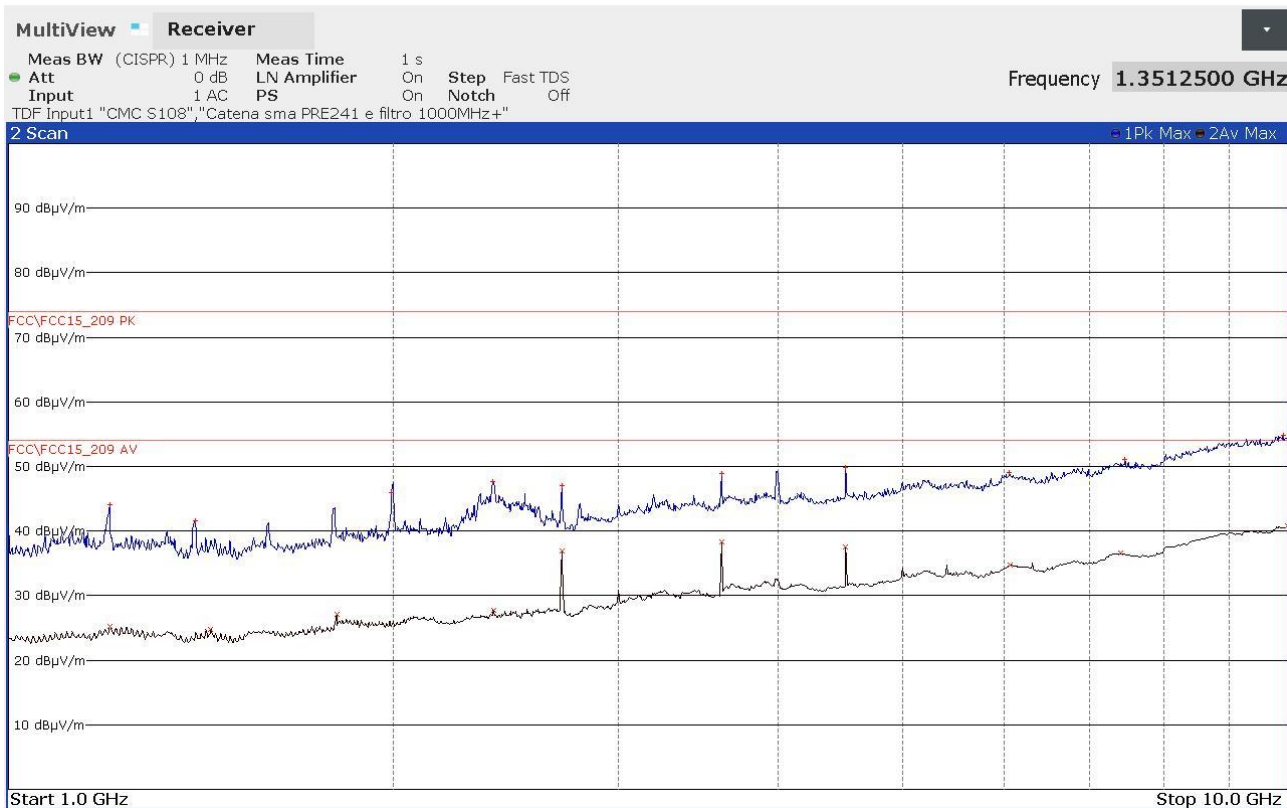


FINAL RESULT TABLE

MAX PEAK			AVERAGE		
Freq Hz	Lev dBuV/m	Margin dB	Freq Hz	Lev dBuV/m	Margin dB
1199750000	+45,96	-28,02	1200750000	+25,29	-28,69
1395750000	+44,85	-29,13	1439500000	+24,89	-29,09
1799750000	+49,02	-24,96	1805500000	+30,36	-23,62
2392500000	+49,91	-24,07	2468250000	+28,00	-25,98
2708250000	+50,34	-23,64	2708250000	+41,84	-12,14
3611000000	+54,39	-19,59	3611000000	+45,63	-8,35
4513750000	+53,32	-20,66	4513750000	+43,73	-10,25
6291750000	+48,90	-25,08	5416500000	+37,81	-16,17
7453500000	+51,25	-22,73	7222000000	+36,67	-17,31
9793750000	+54,91	-19,07	10000000000	+40,82	-13,16

23079101\_2

Panozzo 23079102

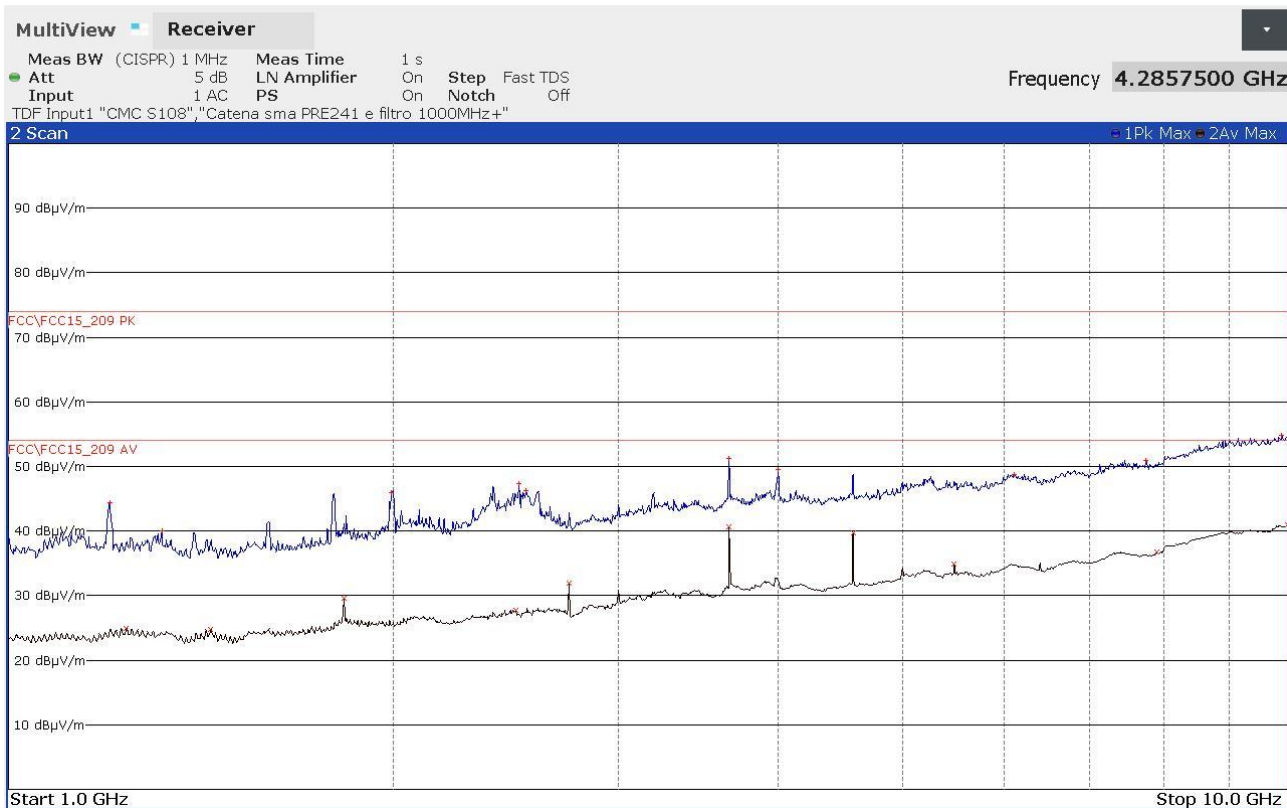


FINAL RESULT TABLE

MAX PEAK			AVERAGE		
Freq Hz	Lev dBuV/m	Margin dB	Freq Hz	Lev dBuV/m	Margin dB
1199750000	+44,10	-29,88	1199750000	+25,24	-28,74
1400500000	+41,63	-32,35	1439750000	+24,77	-29,21
1991250000	+46,01	-27,97	1805500000	+27,11	-26,87
2391250000	+47,69	-26,29	2393750000	+27,66	-26,32
2708250000	+47,03	-26,95	2708250000	+36,93	-17,05
3611000000	+48,86	-25,12	3611000000	+38,25	-15,73
4513750000	+49,90	-24,08	4513750000	+37,57	-16,41
6059000000	+49,04	-24,94	6071500000	+34,76	-19,22
7462250000	+51,12	-22,86	7409250000	+36,59	-17,39
9919500000	+54,87	-19,11	10000000000	+40,79	-13,19

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Panozzo 23079103



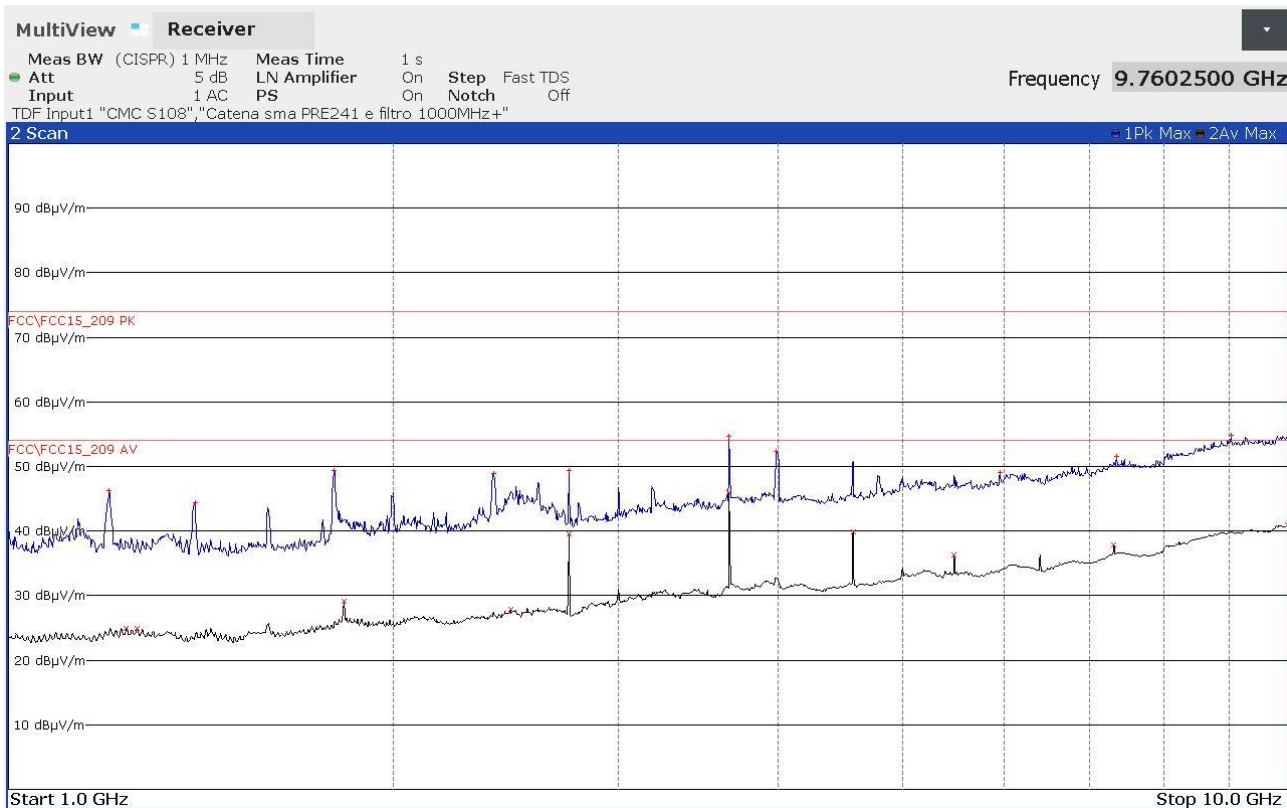
**FINAL RESULT TABLE**

MAX PEAK			AVERAGE		
Freq Hz	Lev dBuV/m	Margin dB	Freq Hz	Lev dBuV/m	Margin dB
1200000000	+44,47	-29,51	1236750000	+24,96	-29,02
1318000000	+40,06	-33,92	1439750000	+24,78	-29,20
1992750000	+45,96	-28,02	1829500000	+29,53	-24,45
2506750000	+47,30	-26,68	2493750000	+27,75	-26,23
2540000000	+46,22	-27,76	2744250000	+31,95	-22,03
3659000000	+51,19	-22,79	3659000000	+40,68	-13,30
3998250000	+49,56	-24,42	4573750000	+39,73	-14,25
6109000000	+48,83	-25,15	5488500000	+34,86	-19,12
7754250000	+50,89	-23,09	7900250000	+36,69	-17,29
9899000000	+54,76	-19,22	10000000000	+40,98	-13,00

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Panozzo 23079104

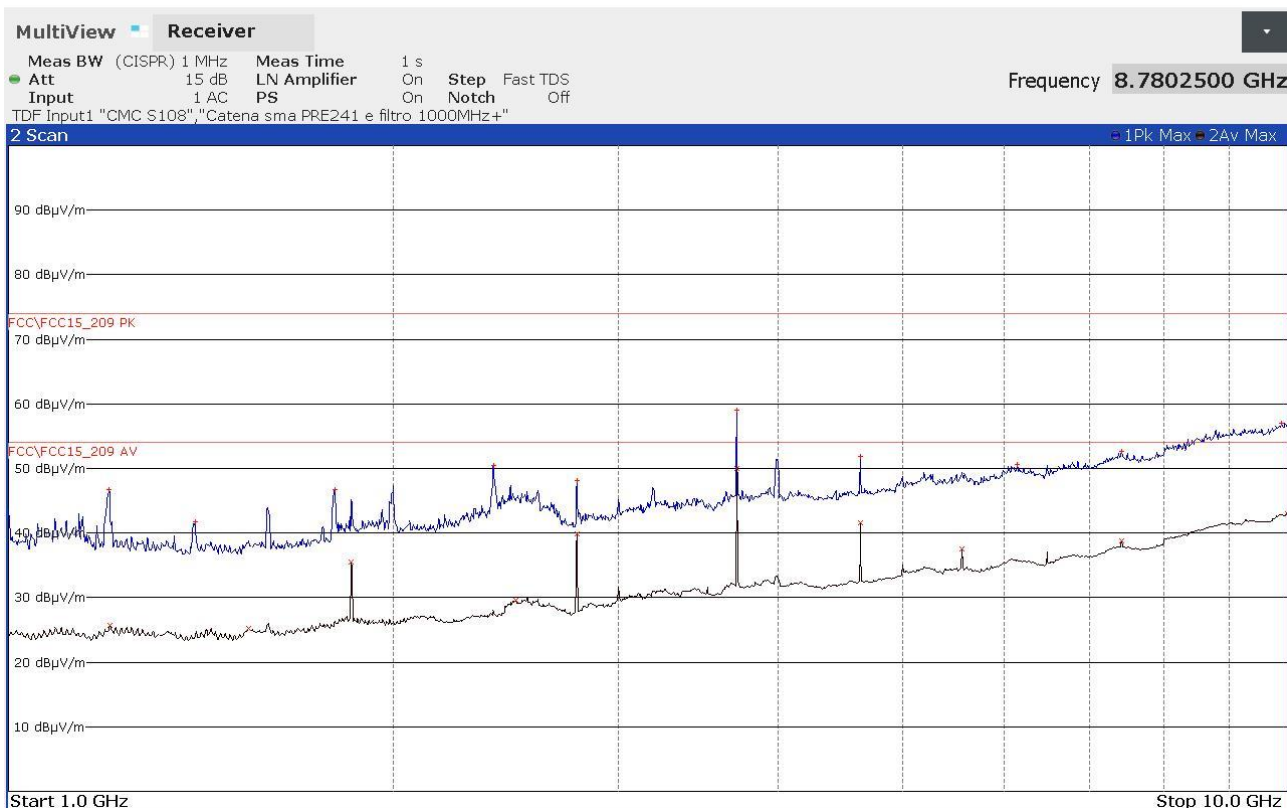


FINAL RESULT TABLE

MAX PEAK			AVERAGE		
Freq Hz	Lev dBuV/m	Margin dB	Freq Hz	Lev dBuV/m	Margin dB
1199250000	+46,33	-27,65	1236500000	+24,95	-29,03
1399500000	+44,32	-29,66	1260500000	+24,94	-29,04
1798250000	+49,44	-24,54	1829500000	+29,20	-24,78
2393500000	+48,85	-25,13	2469500000	+27,95	-26,03
2744250000	+49,35	-24,63	2744250000	+39,58	-14,40
3659000000	+54,63	-19,35	3659000000	+45,94	-8,04
3983000000	+52,34	-21,64	4573750000	+39,92	-14,06
5958250000	+49,10	-24,88	5488500000	+36,34	-17,64
7352750000	+51,48	-22,50	7318000000	+37,78	-16,20
9035500000	+54,86	-19,12	10000000000	+41,01	-12,97

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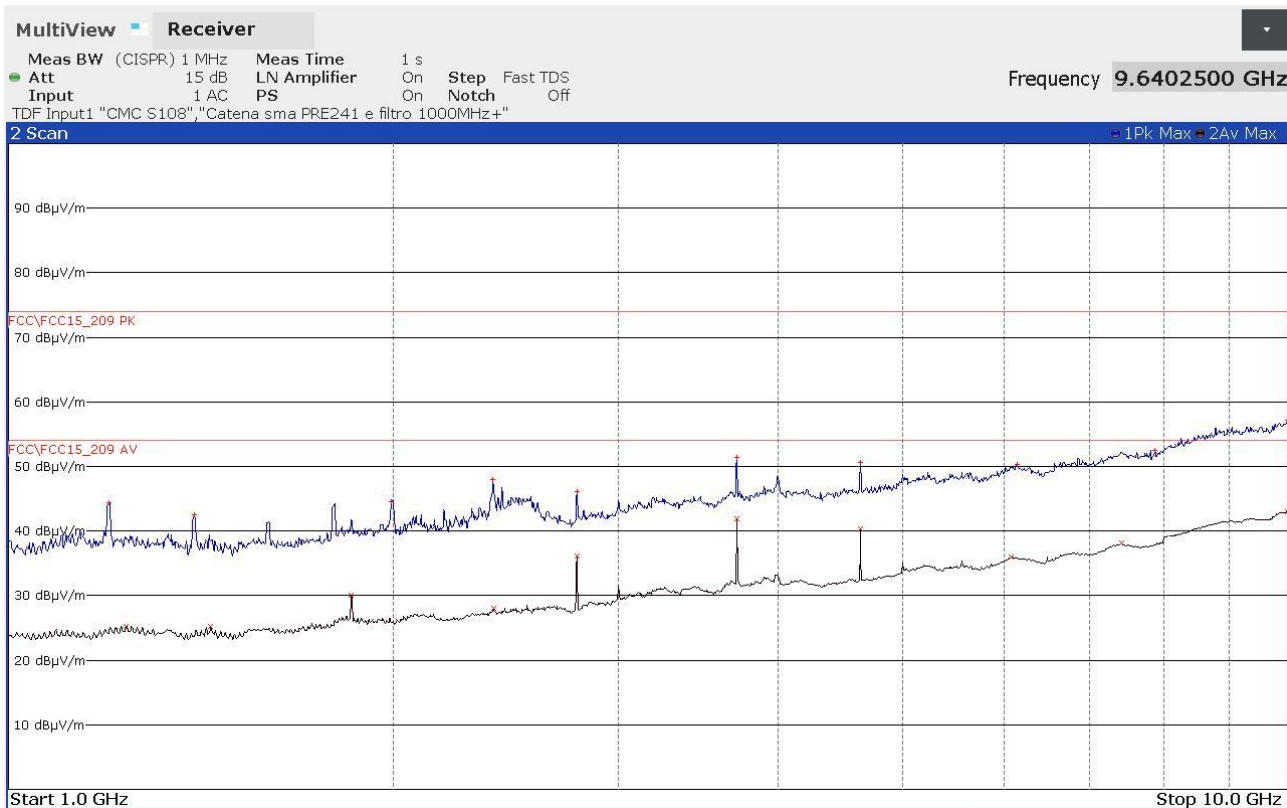


**FINAL RESULT TABLE**

MAX PEAK			AVERAGE		
Freq Hz	Lev dBuV/m	Margin dB	Freq Hz	Lev dBuV/m	Margin dB
1199250000	+46,76	-27,22	1200750000	+25,69	-28,29
1399000000	+41,74	-32,24	1541000000	+25,30	-28,68
1798500000	+46,68	-27,30	1854500000	+35,45	-18,53
2393500000	+50,44	-23,54	2493750000	+29,59	-24,39
2781750000	+48,12	-25,86	2781750000	+39,82	-14,16
3709000000	+59,07	-14,91	3709000000	+49,93	-4,05
4636250000	+51,91	-22,07	4636250000	+41,55	-12,43
6151750000	+50,63	-23,35	5563500000	+37,54	-16,44
7417750000	+52,60	-21,38	7418000000	+38,82	-15,16
9892250000	+56,97	-17,01	10000000000	+43,03	-10,95

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Panozzo 23079106

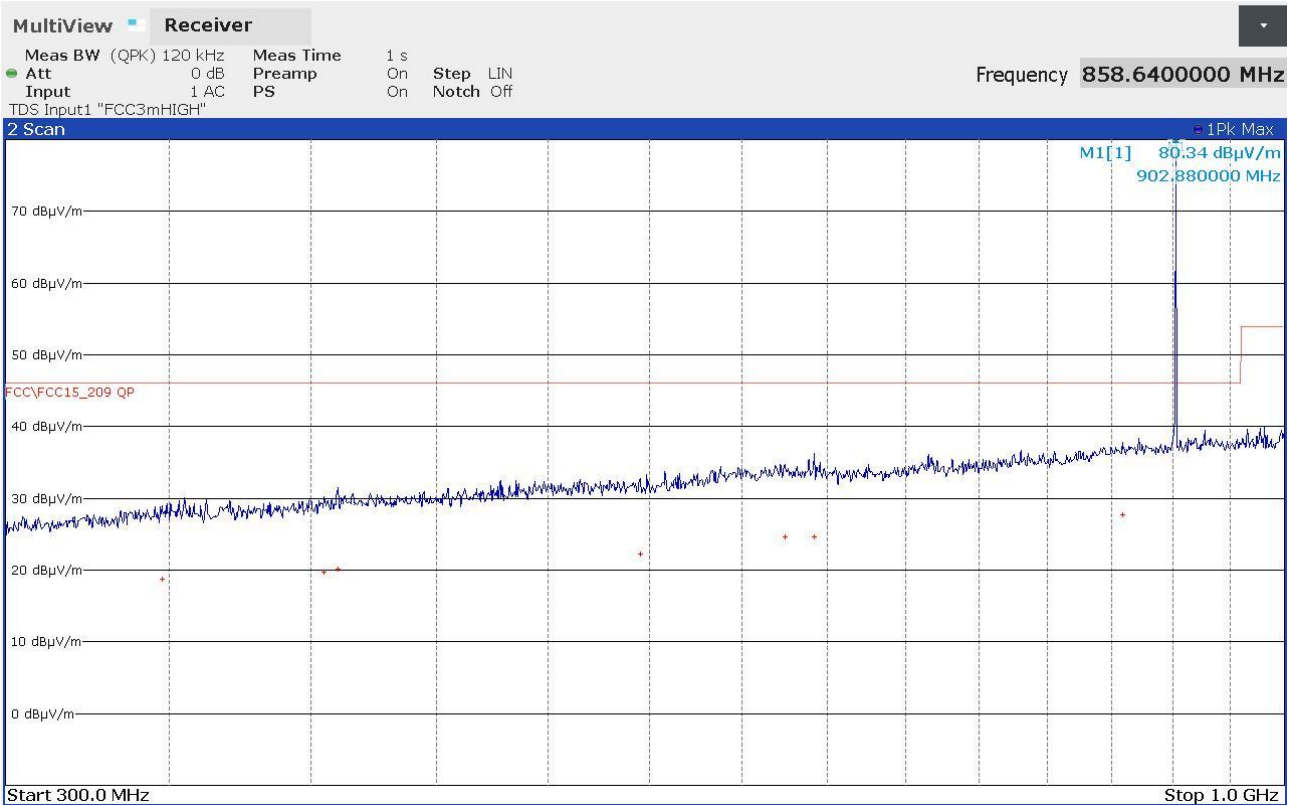


FINAL RESULT TABLE

MAX PEAK			AVERAGE		
Freq Hz	Lev dBuV/m	Margin dB	Freq Hz	Lev dBuV/m	Margin dB
1199250000	+44,42	-29,56	1236750000	+25,29	-28,69
1397250000	+42,57	-31,41	1439500000	+25,16	-28,82
1991000000	+44,61	-29,37	1854500000	+30,01	-23,97
2392250000	+47,95	-26,03	2394000000	+28,04	-25,94
2781750000	+46,04	-27,94	2781750000	+36,10	-17,88
3709000000	+51,33	-22,65	3709000000	+41,96	-12,02
4636250000	+50,66	-23,32	4636250000	+40,31	-13,67
6143500000	+50,34	-23,64	6084500000	+35,93	-18,05
7879750000	+52,51	-21,47	7418000000	+38,22	-15,76
9996500000	+57,11	-16,87	10000000000	+43,06	-10,92

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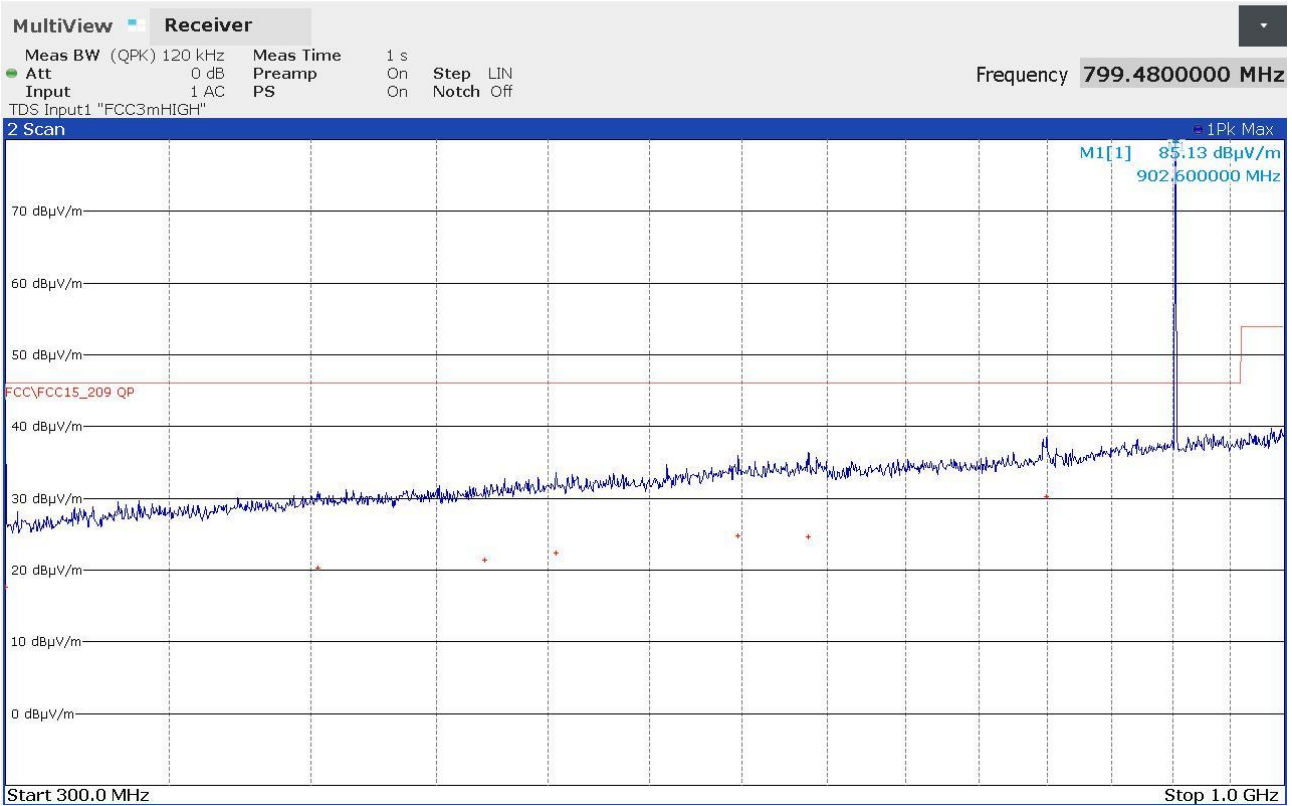


FINAL RESULT TABLE

QUASI PEAK		
Freq Hz	Lev dBuV/m	Margin dB
347680000	+18,71	-27,31
404840000	+19,77	-26,25
410320000	+20,14	-25,88
545200000	+22,26	-23,76
624720000	+24,67	-21,35
642280000	+24,59	-21,43
858640000	+27,71	-18,31

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FINAL RESULT TABLE

QUASI PEAK		
Freq Hz	Lev dBuV/m	Margin dB
300000000	+17,58	-28,44
402480000	+20,29	-25,73
470920000	+21,46	-24,56
503680000	+22,38	-23,64
598000000	+24,70	-21,32
638960000	+24,67	-21,35
799480000	+30,24	-15,78

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