



TEST REPORT nr. R15140401

Federal Communication Commission (FCC)

Test item

Description: TRANSCEIVER UNIT
Trademark: REMDEVICE
Model/Type: RB / TYPE: RBM6
FCC ID: RTF-RBRBM6

Test Specification

Standard: FCC Rules & Regulations, Title 47:2014
Part 15 paragraph(s): 203, 204, 207, 209 and 247

Client's name: REMDEVICE S.r.l.

Address: Via Munari, 72 – 36055 Nove (VI) – ITALY

Manufacturer's name : Same as client

Address: --

Report

Tested by: A. Bertezolo – Technician

Approved by: R. Beghetto – Laboratory Manager

Date of issue: 23.06.16

Contents: 83 pages

[Handwritten signature: A. Bertezolo]
[Handwritten signature: R. Beghetto]

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The test results presented in this report relate only to the item tested.



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1. Summary

Standard:

FCC Rules & Regulations, Title 47:2014
Part 15 paragraph(s): 203, 204, 207, 209 and 247

Test specifications	Environmental Phenomena	Tests sequence	Result
Part 15.203	Antenna requirements	1	Complies
Part 15.207	Conducted emissions	2	Complies
Part 15.209	Emissions in restricted frequency bands and in unrestricted frequency bands	3	Complies
Part 15.209	DTS bandwidth	4	Complies
Part 15.247 (d)	Band edge	5	Complies
Part 15.209 and 15.247	Fundamental emission output power	6	Complies
Part 15.209 and 15.247	Maximum power spectral density level in the fundamental emission	7	Complies
Part 15.209	Spurious emission	8	Complies
Part 1.1310	Maximum permissible exposure	9	Complies

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

2. Description of Equipment under test (EUT)

Power supply : 12/24 Vdc

Serial Number..... : M003215

Type of equipment : ☒ Transmitter Unit
 ☒ Receiver Unit

Type of station : ☒ Fixed station
 ☐ Portable station
 ☐ Mobile station

Frequency band : F_L: 902,5 MHz F_M: 915,0 MHz F_H: 927,5 MHz

2.1 Test Site

Company..... : CMC Centro Misure Compatibilità S.r.l.
Address : Via della Fisica, 20
36016 Thiene (VI) – ITALY
Test site facility's FCC registration number : 271947

3. Testing and sampling

Date of receipt of test item : 07.07.15

Testing start date : 01.12.15

Testing end date : 01.03.16

Samples tested nr..... : 1

Sampling procedure. : Equipment used for testing was picked up by the manufacturer, at the end of the production process with random criterion

Internal identification : adhesive label with the product number P150802

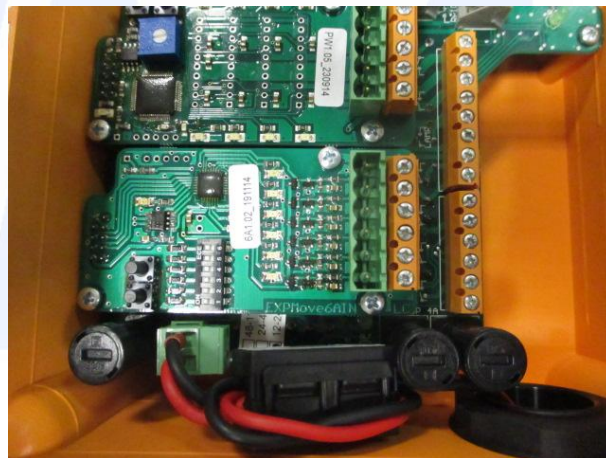
4. Operative conditions

EUT exercising : EUT in continuous transmission at maximum power



5. Photograph(s) of EUT

5.1 Photograph(s) of EUT





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



LAB N° 0168



CMC Centro Misure Compatibilità S.r.l.



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 '16	January '17
CMC S108	EMCO	3115	Horn Antenna	9811-5622	May '13	May '16
CMC S127	Schaffner	HLA6120	Loop Antenna	1191	January '16	January '19
CMC S129	Rohde & Schwarz	ESPI7	Receiver	836.914/004	January '16	January '17
CMC S136	Schwarzbeck	VULB 9163	Broadband Antenna	9136-205	May '13	May '16
CMC S164	Rohde & Schwarz	ESU26	EMC interference receiver	100052	January '16	January '17
CMC S200	Schwarzbeck	NSLK 8128	V-LISN	8128-273	January '16	January '17
CMC S227	Rohde & Schwarz	ESR7	EMI Test Receiver 7GHz	101121	January '16	January '17



7. Measurement uncertainty

Test	Expanded Uncertainty	note
Conducted Emission		
(50Ω/50μH AMN) - (9 kHz – 150 kHz)	±3.6 dB	1
(50Ω/50μH AMN) - (150 kHz – 30 MHz)	±3.0 dB	1
(Voltage probe) - (150 kHz – 30 MHz)	±2.8 dB	1
(50Ω/5μH AMN) - (150 kHz – 108 MHz)	±2.6 dB	1
Discontinuous Conducted Emission		
Conducted Emission (50Ω/50μH AMN) - (150 kHz – 30 MHz)	±3.0 dB	1
Disturbance Power (30 MHz – 300 MHz)		
	±3.7 dB	1
Radiated Emission		
(0,150 MHz – 30 MHz)	±4.0 dB	1
(30 MHz – 1000 MHz)	±4.3 dB	1
(1 GHz – 6 GHz)	±4.5 dB	1
Electromagnetic field EMF		
	±10.5 %	1
Harmonic current emissions test		
	±1.8 %	1
Voltage fluctuation and flicker test		
	±2.6 %	1
Insertion loss test		
	±2.0 dB	1
Radiated electromagnetic disturbance test (loop antenna)		
	±2.1 dB	1
Radiated electromagnetic field immunity test		
	0.81 V/m at 3V/m	1
Pulse modulated radiated electromagnetic field immunity test		
	0.81 V/m at 3V/m	1
Injected currents immunity test		
	0.45 V at 3V	1
Bulk current		
	3.7 mA at 60 mA	1
Power frequency magnetic field immunity test		
	0.1 A/m at 10 A/m	1
Effective radiated power (F < 1GHz)		
	±4.3 dB	1
Effective radiated power (F > 1GHz)		
	±3.7 dB	1
Frequency error		
	< 1x10 ⁻⁷	1
Modulation bandwidth		
	< 1x10 ⁻⁷	1
Conducted RF power and spurious emission		
	±0.7 dB	1
Adjacent channel power		
	±1.2 dB	1
Blocking		
	±1.2 dB	1
Electrostatic discharge immunity test		
		2
Electrical fast transients / burst immunity test		
		2
Surge immunity test		
		2
Pulse magnetic field immunity test		
		2
Damped oscillatory magnetic field immunity test		
		2
Short interruption immunity test		
		2
Voltage transient emission test		
	±2.2 %	1
Transient immunity test		
		2

Rev_15_01 date 04/05/2015

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 15:2014	--
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
KDB 558074 D01 DTS Meas Guidance v03r03	Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under §15.247
Internal Procedure PM001 rev. 2.0 (Quality Manual)	Measure Procedure
Internal procedure INC_M rev. 8.2 (Quality Manual)	Measurement uncertainty calculation



9. Deviation from test specification

In agreement with the client, emission tests were performed with peak detector.

At the frequencies where the measures exceed the limit or within 6 dB from it, the test was repeated with quasi-peak detector and/or average detector.

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.

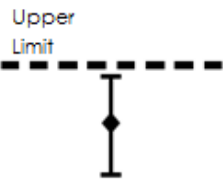
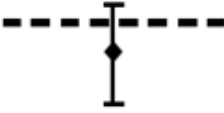
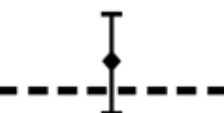


11. Results

In this clause tests results are reported.

Measurement uncertainty is in accordance with document CMC INC_M rev. 8.2.

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

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

Environmental conditions

Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
23	100	42

Result

Antenna Type	External R.F. power amplifier	Gain	Remarks	Results
Integral antenna	Not Present	3,2 dBi	--	Complies
External antenna	Not Present	3,2 dBi	--	Complies

Result: The requirements are met



11.2 Conducted emissions

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.207
- Internal procedure PM001
- See clause 4 of this test report

Test configuration and test method

Test site:
Shielded chamber

Auxiliary equipment:
See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test equipment used

CMC S010, CMC S200, CMC S227
Measurement uncertainty: See clause 7 of this test report

Test specification

Port: Main port
Frequency range: 150 kHz – 30 MHz

Environmental conditions

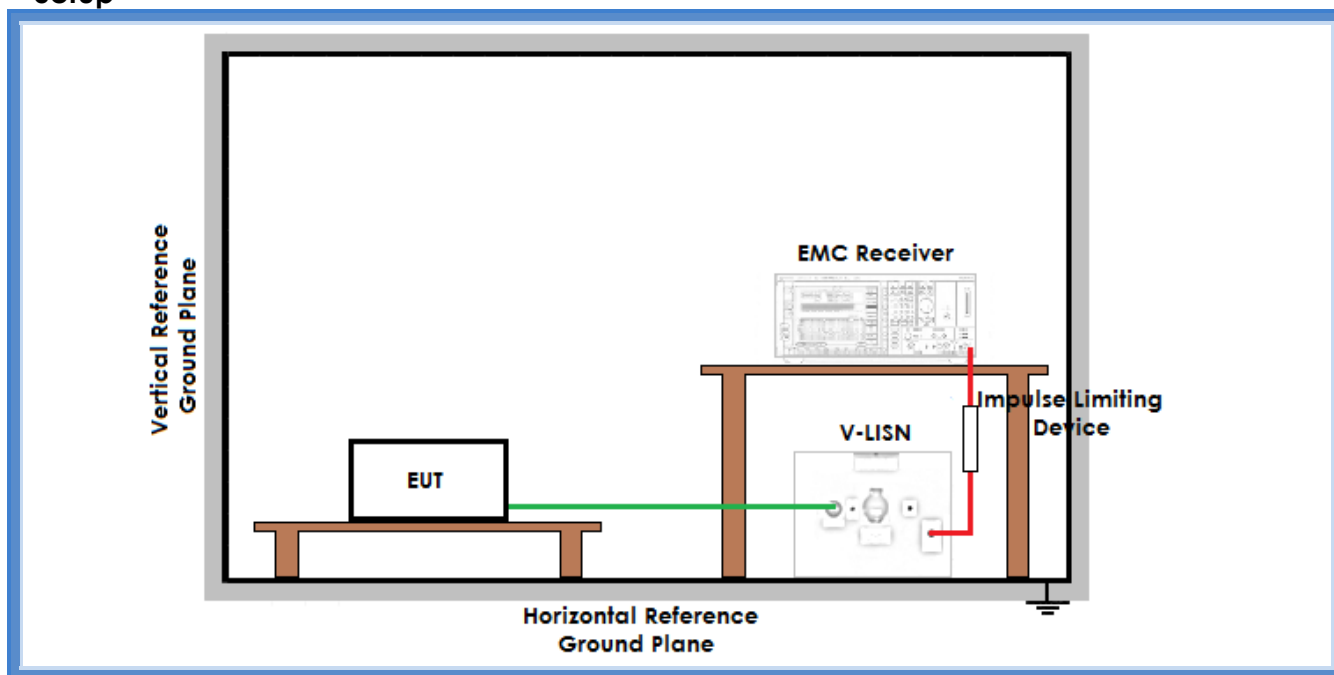
Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
21	98	46

Acceptance limits

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



Setup



Result

Line	Graphs	Remarks	Result
+12 Vdc	G15140459	Integrated antenna	Complies
-12 Vdc	G15140460	Integrated antenna	Complies
+12 Vdc	G15140457	External antenna	Complies
-12 Vdc	G15140458	External antenna	Complies
Remarks: --			

Graphs Legend

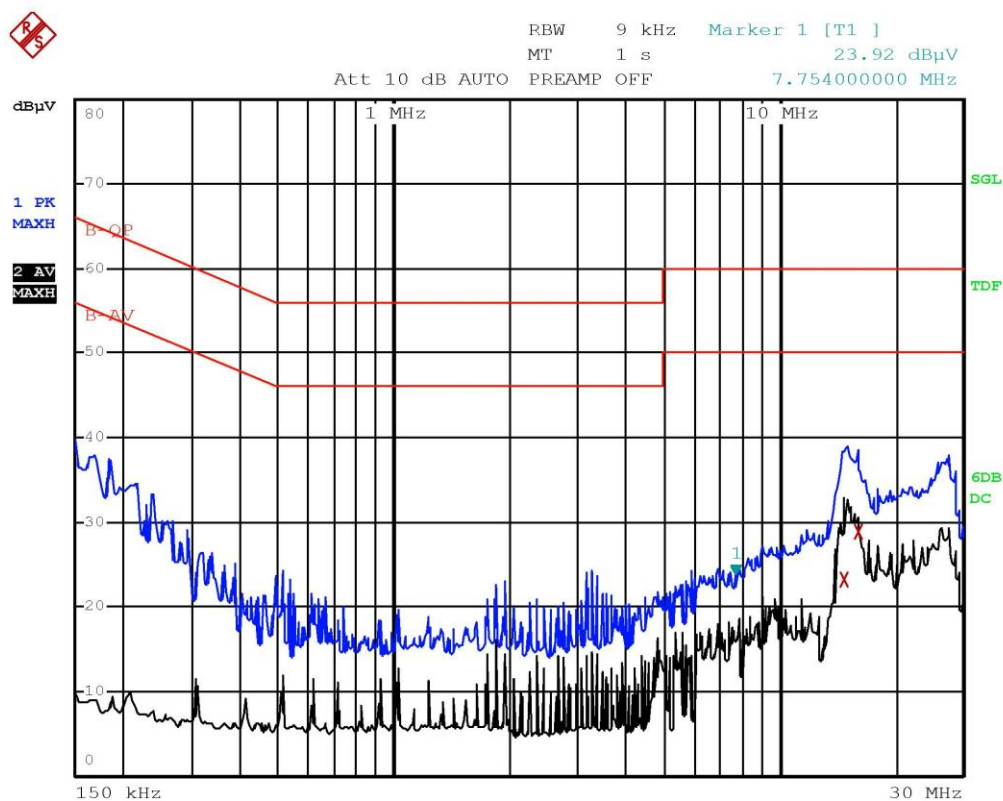
PK: Peak; QP [1s] (quasi-peak at 1 second) values are marked with a +

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



Graphs

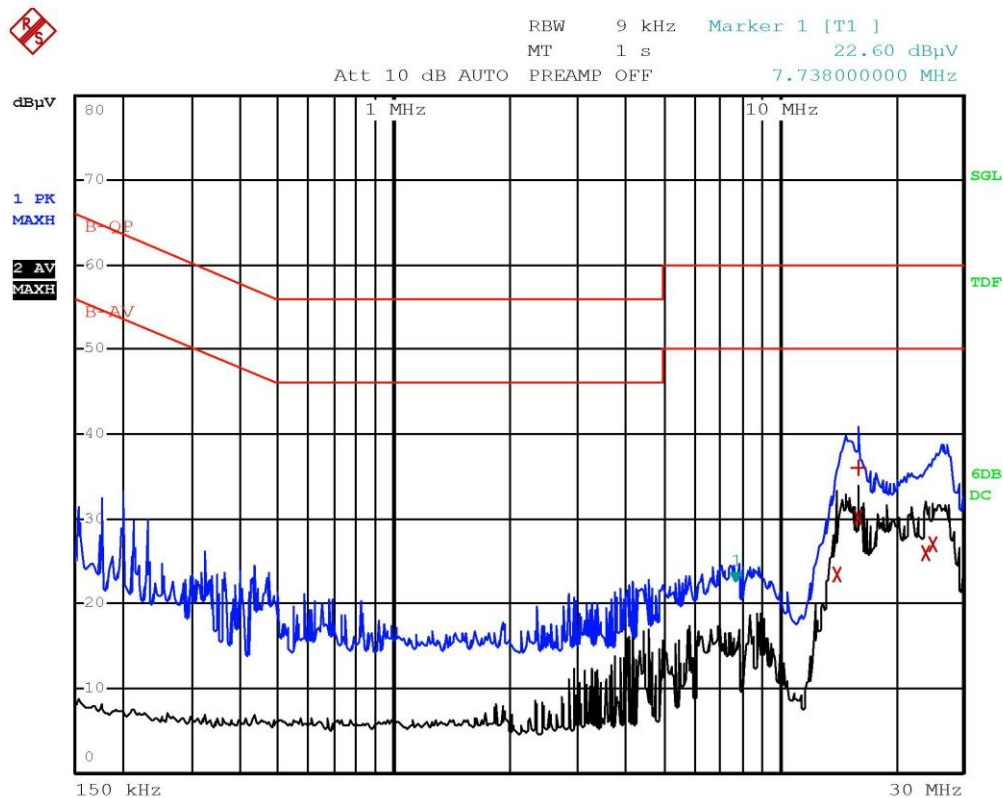
G15140457



Bertezzo 15140457



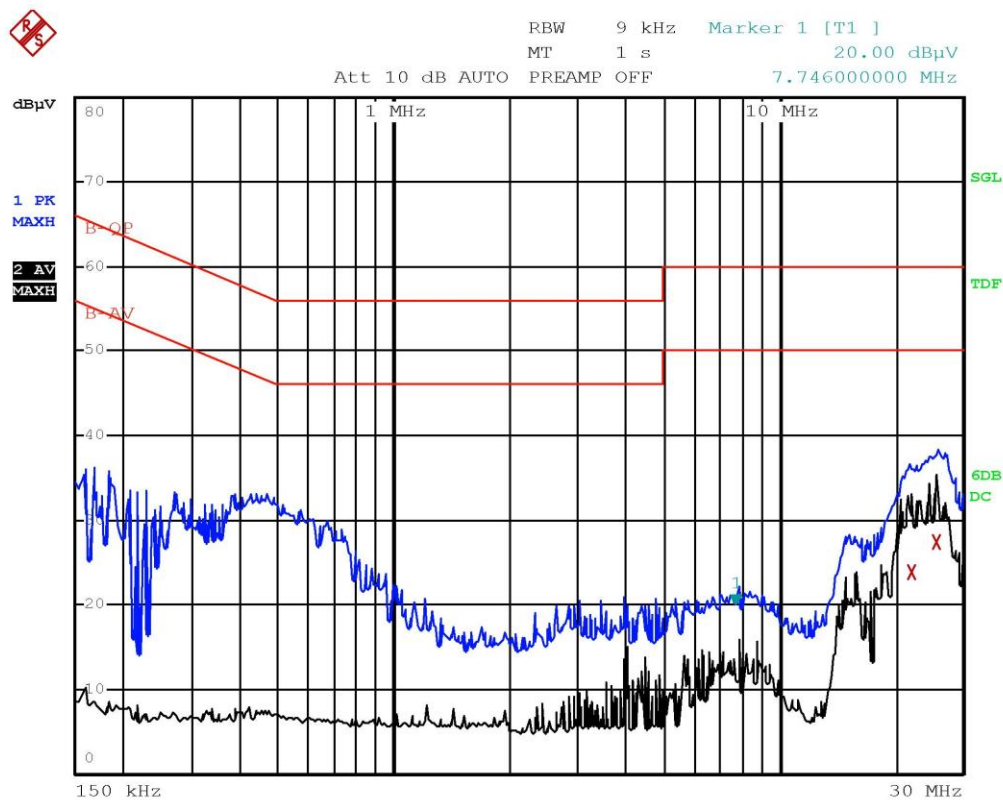
G15140458



Bertezzo 15140458



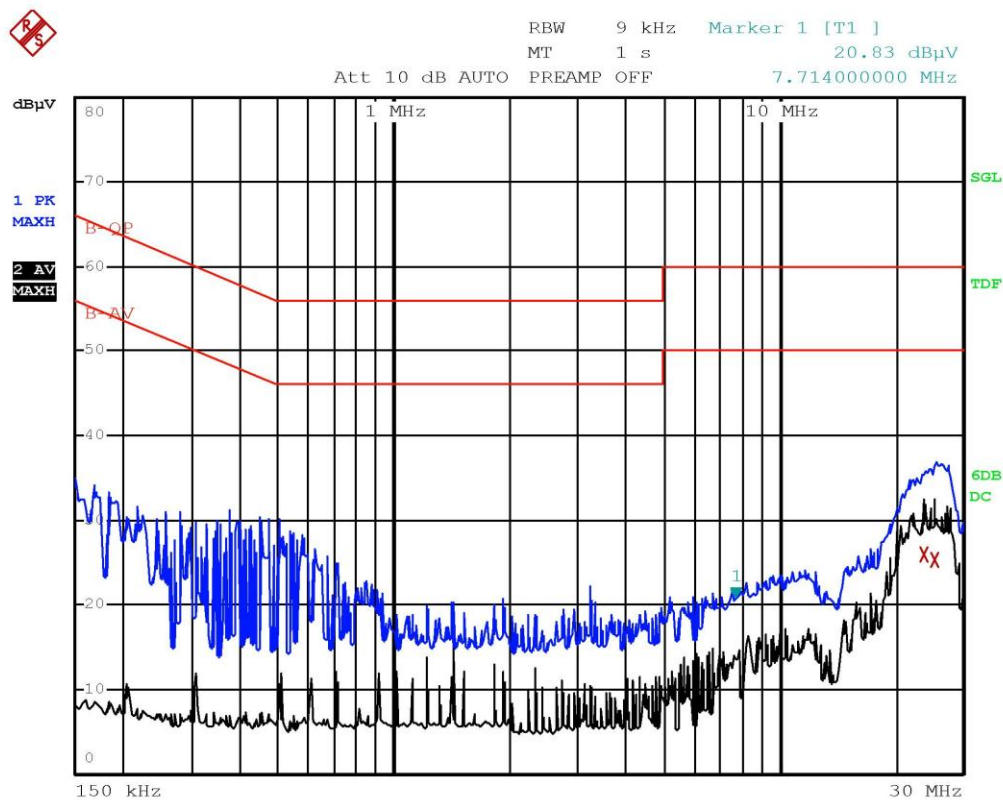
G15140459



Bertezzo 15140459



G15140460



Bertezzo 15140460

Result: The requirements are met



11.3 Emissions in restricted frequency bands and in unrestricted frequency bands

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

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 S136, CMC S164,
CMC S227
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)
EUT – Antenna distance:
10 m for frequencies $\leq$ 1000 MHz
3 m for frequencies $>$ 1000 MHz

Environmental conditions

Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
22	100	42

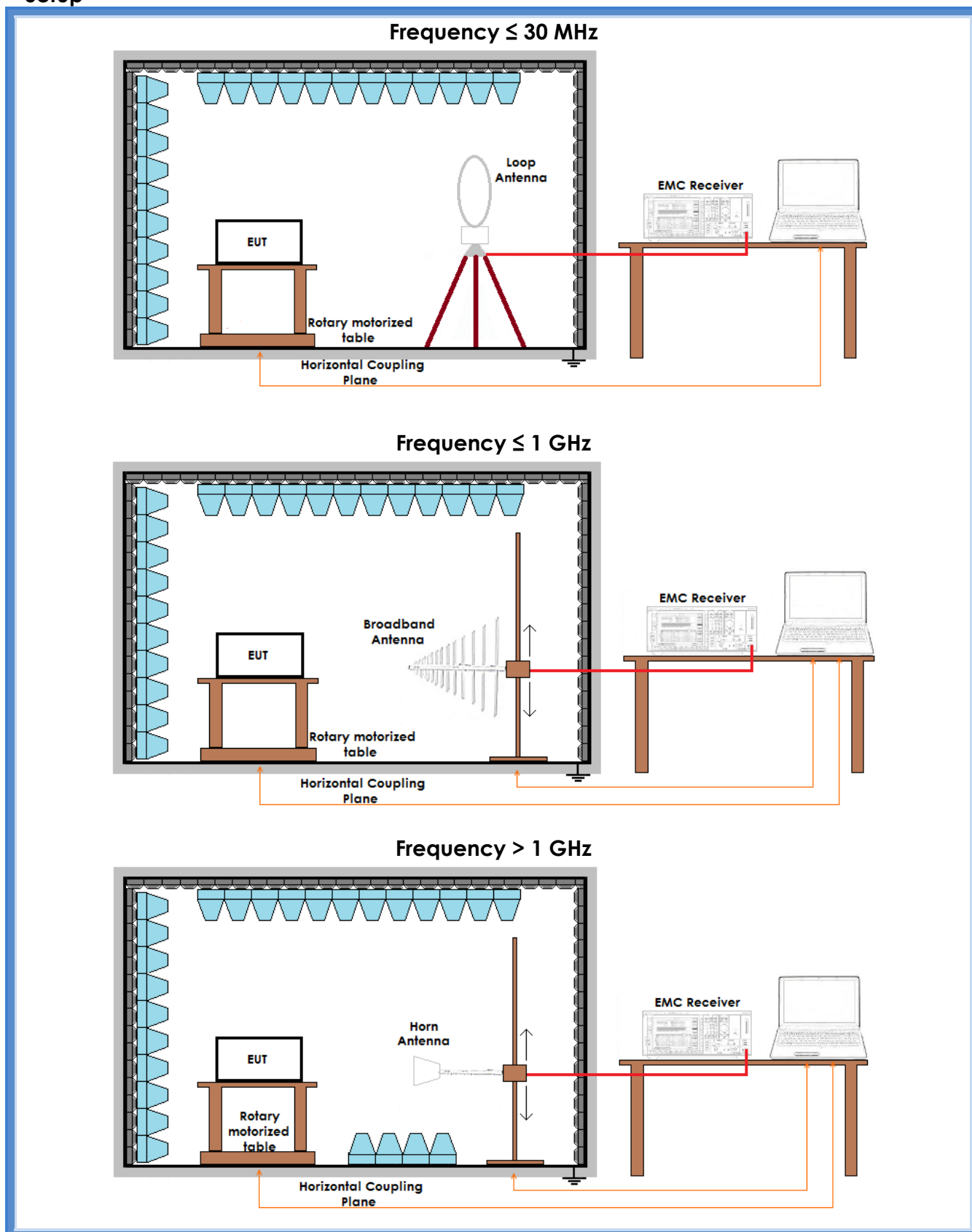


Acceptance limits

Frequency range (MHz)	Limits [dB(μV/m)]	
0,009 to 0,490	108,51 to 73,80	
0,490 to 1,705	53,80 to 42,97	
1,705 to 30	49,54	
30 to 88	30	
88 to 216	33,52	
216 to 960	36,02	
960 to 1000	43,98	
	Linear average detector [dB(μV/m)]	Peak detector [dB(μV/m)]
Above 1000	53,98	73,98

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.

Setup





Result

Polarization	Frequency Range (MHz)	Graphs	Remarks	Result
Loop	0,009 – 30	G15140427	Worst case	Complies
V	30 – 1000	G15140416	Lowest channel	Complies
H	30 – 1000	G15140415	Lowest channel	Complies
V	30 – 1000	G15140414	Medium channel	Complies
H	30 – 1000	G15140413	Medium channel	Complies
V	30 – 1000	G15140418	Highest channel	Complies
H	30 – 1000	G15140417	Highest channel	Complies
V	1000 – 10000	G15140462	Worst case	Complies
H	1000 – 10000	G15140461	Worst case	Complies

Remarks: Integrated antenna.
Peaks above the limits are due to the main transmitting frequencies

Polarization	Frequency Range (MHz)	Graphs	Remarks	Result
Loop	0,009 – 30	G15140428	Worst case	Complies
V	30 – 1000	G15140444	Lowest channel	Complies
H	30 – 1000	G15140443	Lowest channel	Complies
V	30 – 1000	G15140452	Medium channel	Complies
H	30 – 1000	G15140451	Medium channel	Complies
V	30 – 1000	G15140453	Highest channel	Complies
H	30 – 1000	G15140454	Highest channel	Complies
V	1000 – 10000	G15140455	Worst case	Complies
H	1000 – 10000	G15140456	Worst case	Complies

Remarks: External antenna.
Peaks above the limits are due to the main 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

G15140413

Meas Type

Equipment under Test

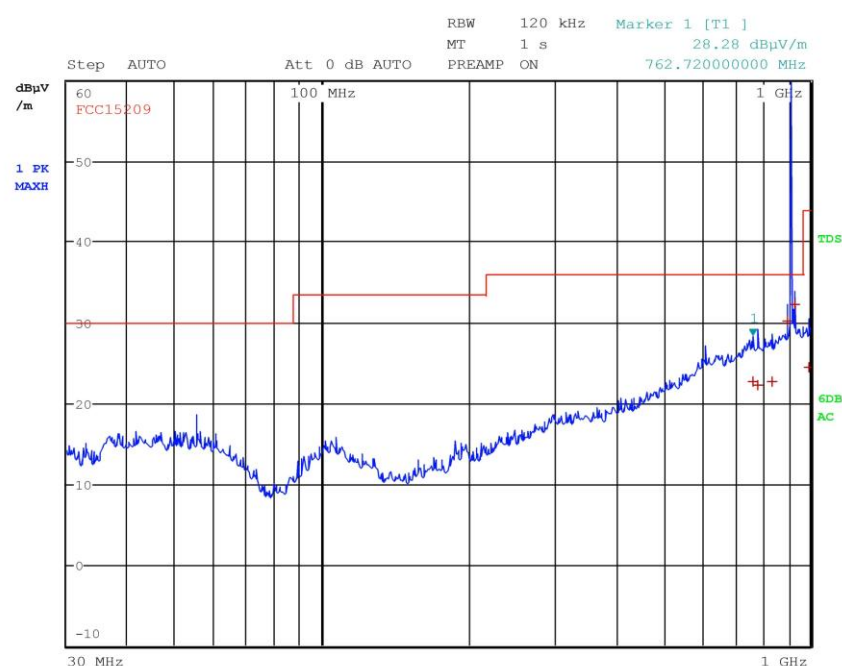
Manufacturer

OP Condition

Operator

Bertezzo 15140413

Test Spec



Final Measurement

Meas Time: 1 s

Margin: 6 dB

Subranges: 6

Trace	Frequency	Level (dBμV/m)	Detector	Delta Limit/dB
1	762.72000000 MHz	22.73	Quasi Peak	-13.29
1	782.68000000 MHz	22.30	Quasi Peak	-13.72
1	834.32000000 MHz	22.73	Quasi Peak	-13.29
1	899.12000000 MHz	30.25	Quasi Peak	-5.77
1	930.84000000 MHz	32.28	Quasi Peak	-3.74
1	993.40000000 MHz	24.43	Quasi Peak	-19.55



G15140414

Meas Type

Equipment under Test

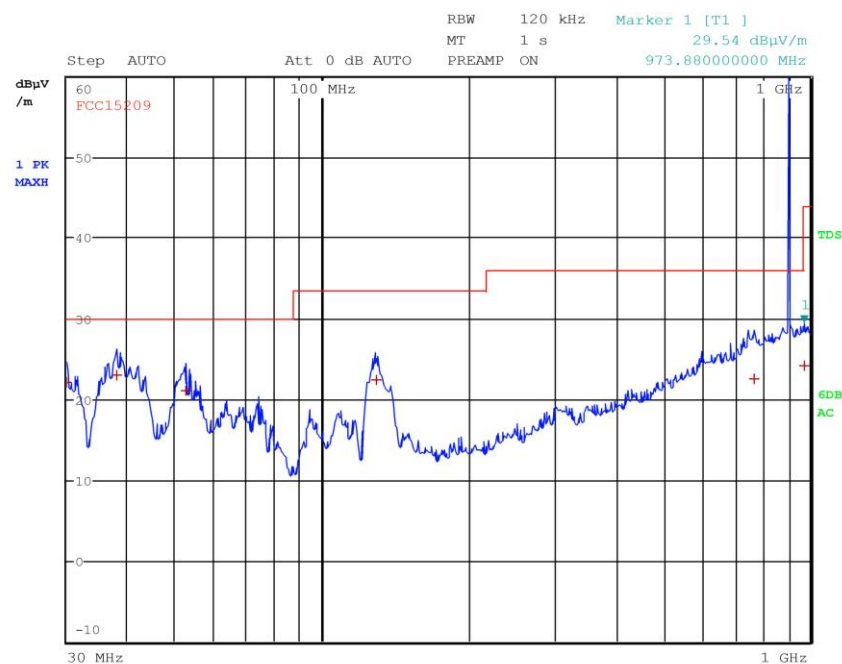
Manufacturer

OP Condition

Operator

Bertezzo 15140414

Test Spec



Final Measurement

Meas Time: 1 s
Margin: 6 dB
Subranges: 6

Trace	Frequency	Level (dBμV/m)	Detector	Delta Limit/dB
1	30.040000000 MHz	22.13	Quasi Peak	-7.87
1	37.960000000 MHz	22.97	Quasi Peak	-7.03
1	52.600000000 MHz	21.10	Quasi Peak	-8.90
1	129.640000000 MHz	22.38	Quasi Peak	-11.14
1	769.880000000 MHz	22.51	Quasi Peak	-13.51
1	973.880000000 MHz	24.22	Quasi Peak	-19.76



G15140415

Meas Type

Equipment under Test

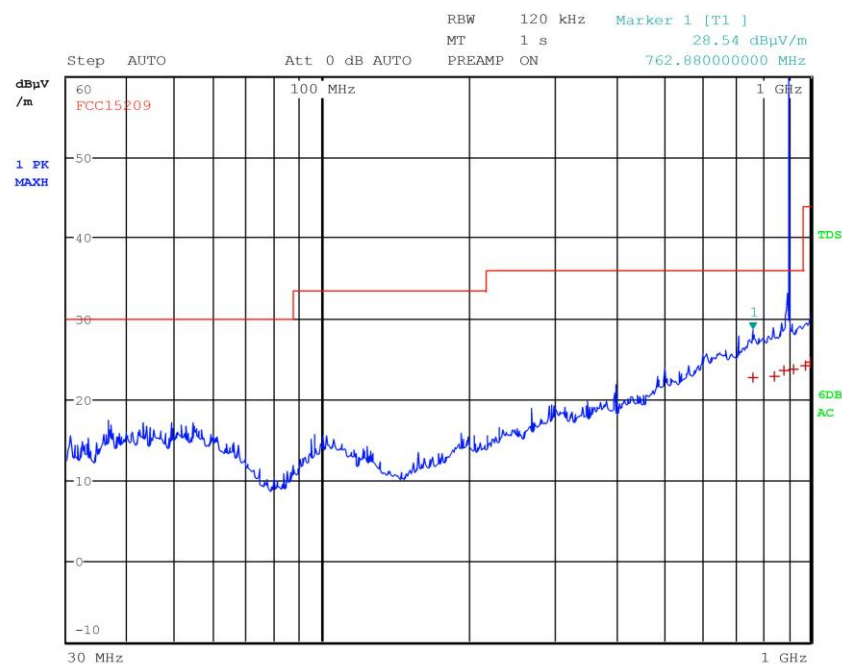
Manufacturer

OP Condition

Operator

Bertezzo 15140415

Test Spec



Final Measurement

Meas Time: 1 s
Margin: 6 dB
Subranges: 6

Trace	Frequency	Level (dBμV/m)	Detector	Delta Limit/dB
1	762.880000000 MHz	22.66	Quasi Peak	-13.36
1	842.720000000 MHz	22.91	Quasi Peak	-13.11
1	885.440000000 MHz	23.61	Quasi Peak	-12.41
1	926.480000000 MHz	23.75	Quasi Peak	-12.27
1	975.000000000 MHz	24.18	Quasi Peak	-19.80
1	997.800000000 MHz	24.58	Quasi Peak	-19.40



G15140416

Meas Type

Equipment under Test

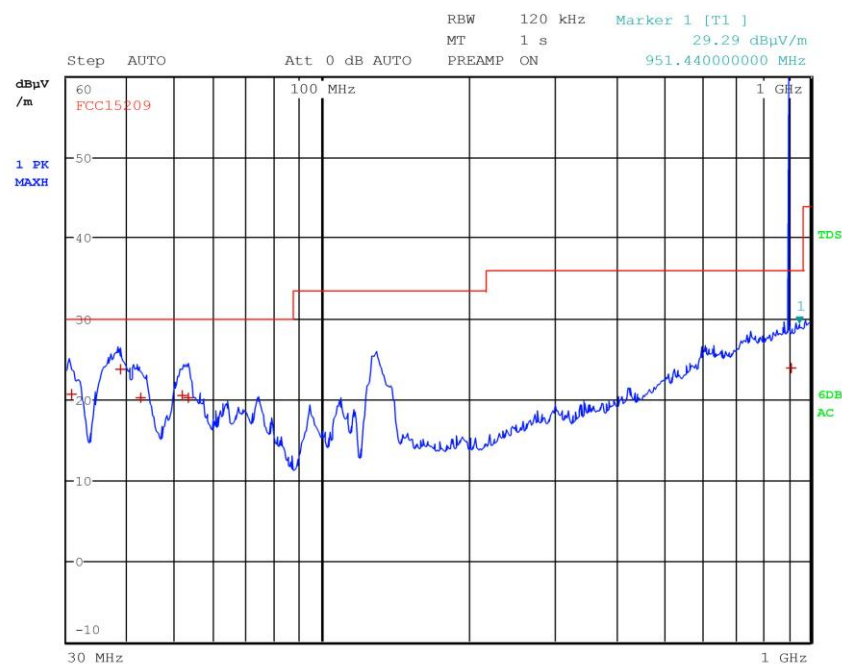
Manufacturer

OP Condition

Operator

Bertezzo 15140416

Test Spec



Final Measurement

Meas Time: 1 s
Margin: 6 dB
Subranges: 6

Trace	Frequency	Level (dBμV/m)	Detector	Delta Limit/dB
1	30.640000000 MHz	20.67	Quasi Peak	-9.33
1	38.600000000 MHz	23.72	Quasi Peak	-6.28
1	42.600000000 MHz	20.27	Quasi Peak	-9.73
1	51.640000000 MHz	20.53	Quasi Peak	-9.47
1	53.200000000 MHz	20.22	Quasi Peak	-9.78
1	914.840000000 MHz	23.88	Quasi Peak	-12.14



G15140417

Meas Type

Equipment under Test

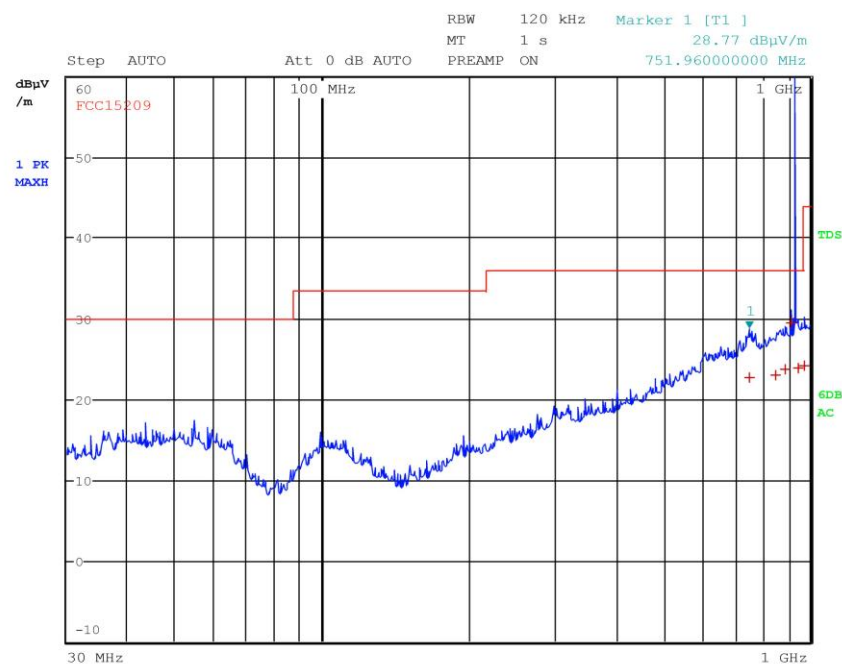
Manufacturer

OP Condition

Operator

Bertezzo 15140417

Test Spec



Final Measurement

Meas Time: 1 s
Margin: 6 dB
Subranges: 6

Trace	Frequency	Level (dBμV/m)	Detector	Delta Limit/dB
1	751.960000000 MHz	22.76	Quasi Peak	-13.26
1	851.840000000 MHz	23.04	Quasi Peak	-12.98
1	887.600000000 MHz	23.72	Quasi Peak	-12.30
1	911.640000000 MHz	29.46	Quasi Peak	-6.56
1	943.760000000 MHz	23.94	Quasi Peak	-12.08
1	973.800000000 MHz	24.21	Quasi Peak	-19.77



G15140418

Meas Type

Equipment under Test

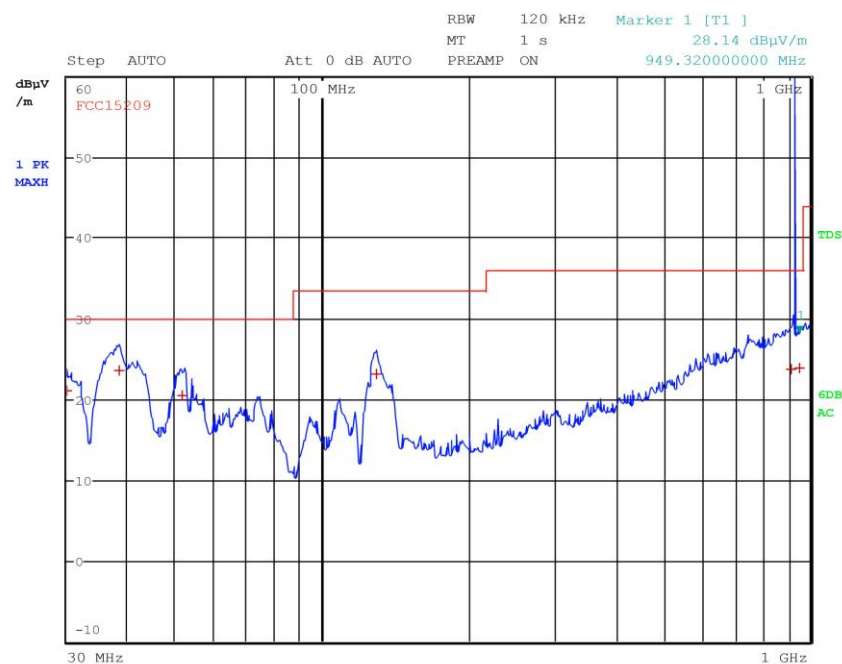
Manufacturer

OP Condition

Operator

Bertezzo 15140418

Test Spec



Final Measurement

Meas Time: 1 s
Margin: 6 dB
Subranges: 6

Trace	Frequency	Level (dBμV/m)	Detector	Delta Limit/dB
1	30.040000000 MHz	21.10	Quasi Peak	-8.90
1	38.360000000 MHz	23.65	Quasi Peak	-6.35
1	51.800000000 MHz	20.52	Quasi Peak	-9.48
1	129.320000000 MHz	23.20	Quasi Peak	-10.32
1	913.360000000 MHz	23.81	Quasi Peak	-12.21
1	949.320000000 MHz	23.86	Quasi Peak	-12.16



G15140427

Meas Type

Equipment under Test

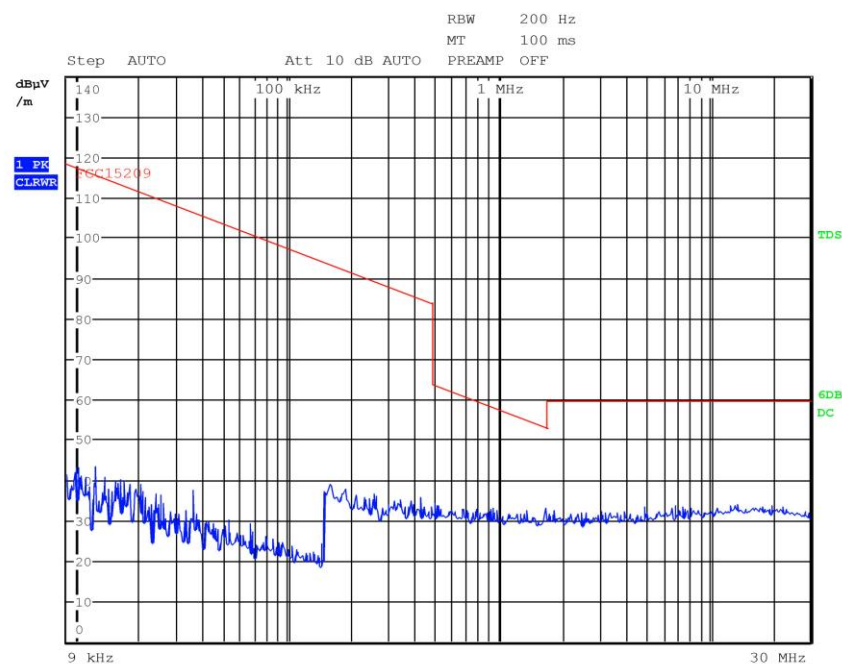
Manufacturer

OP Condition

Operator

Bertezzo 15140427

Test Spec



Final Measurement

Meas Time: 1 s
Margin: 6 dB
Peaks: 0



G15140428

Meas Type

Equipment under Test

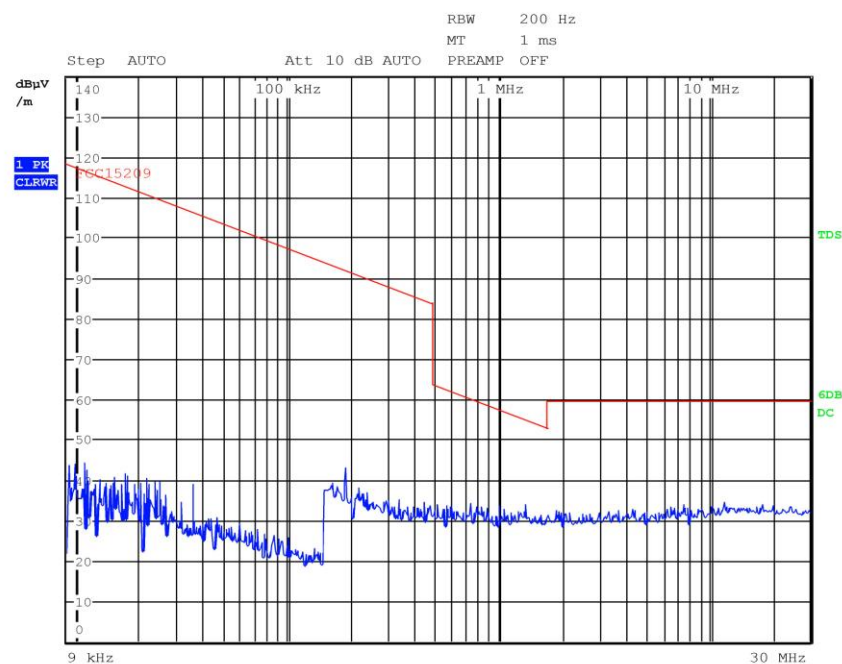
Manufacturer

OP Condition

Operator

Bertezzo 15140428

Test Spec



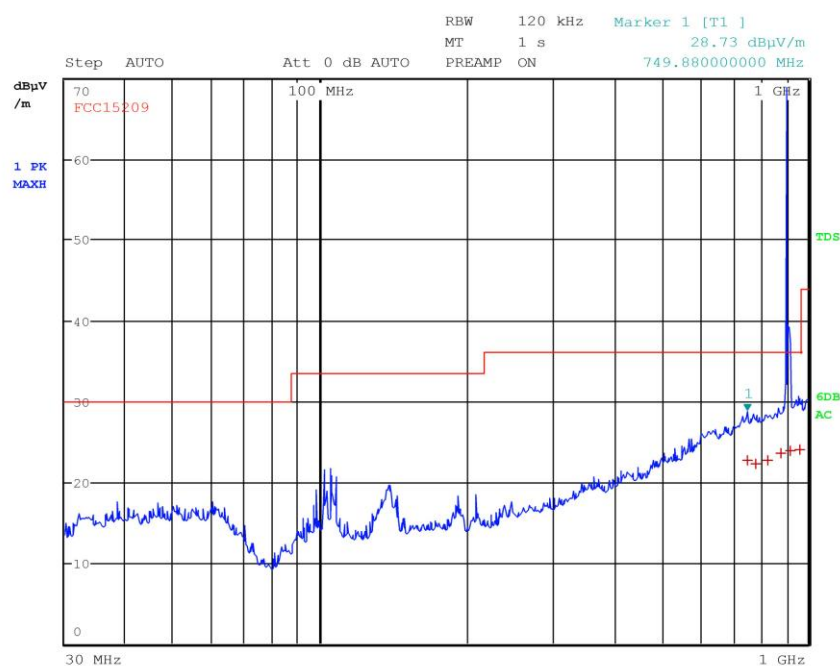
Final Measurement

Meas Time: 1 s
Margin: 6 dB
Peaks: 0



G15140443

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezzo 15140443
Test Spec



Final Measurement

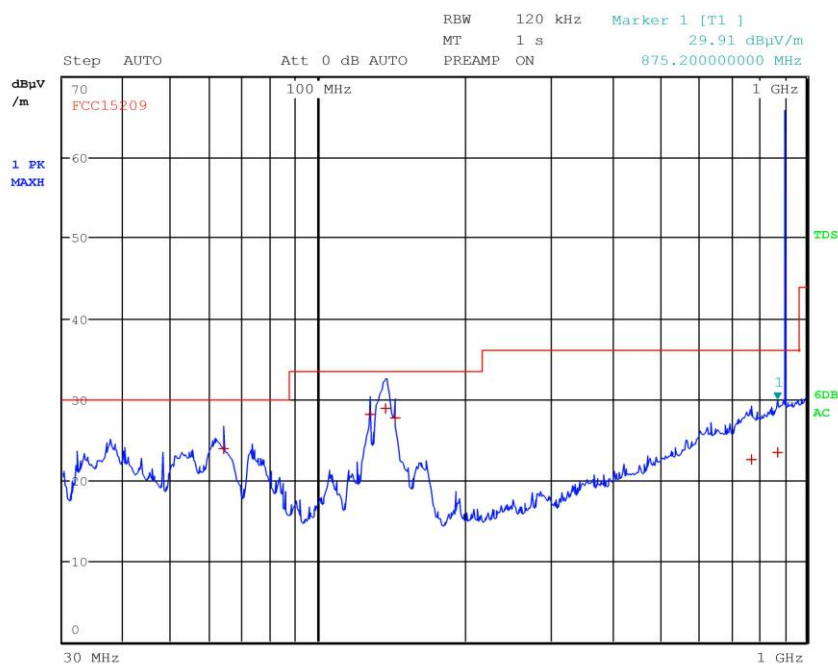
Meas Time: 1 s
Margin: 6 dB
Subranges: 6

Trace	Frequency	Level (dBμV/m)	Detector	Delta Limit/dB
1	749.88000000 MHz	22.77	Quasi Peak	-13.25
1	780.12000000 MHz	22.31	Quasi Peak	-13.71
1	825.96000000 MHz	22.69	Quasi Peak	-13.33
1	878.24000000 MHz	23.55	Quasi Peak	-12.47
1	920.16000000 MHz	23.83	Quasi Peak	-12.19
1	962.96000000 MHz	24.02	Quasi Peak	-19.96



G15140444

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezzo 15140444
Test Spec



Final Measurement

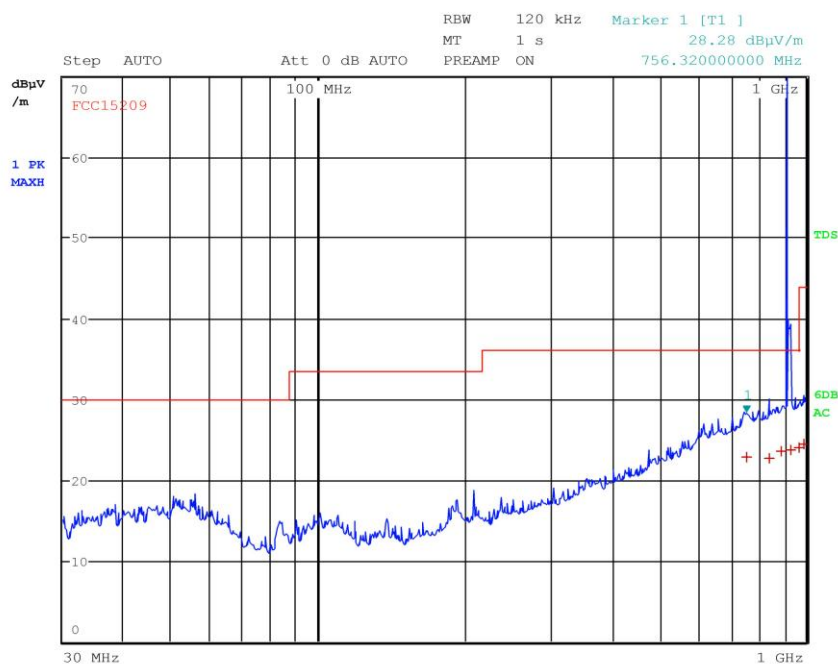
Meas Time: 1 s
Margin: 6 dB
Subranges: 6

Trace	Frequency	Level (dBμV/m)	Detector	Delta Limit/dB
1	64.040000000 MHz	23.86	Quasi Peak	-6.14
1	128.000000000 MHz	28.09	Quasi Peak	-5.43
1	137.400000000 MHz	28.95	Quasi Peak	-4.57
1	144.000000000 MHz	27.76	Quasi Peak	-5.76
1	770.320000000 MHz	22.55	Quasi Peak	-13.47
1	875.200000000 MHz	23.43	Quasi Peak	-12.59



G15140451

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 15140451
Test Spec



Final Measurement

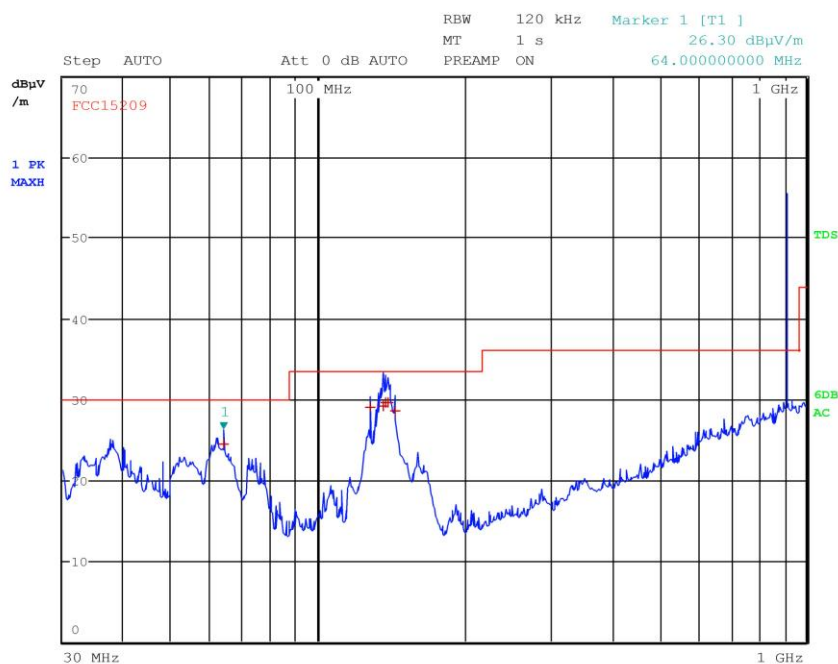
Meas Time: 1 s
Margin: 6 dB
Subranges: 6

Trace	Frequency	Level (dBμV/m)	Detector	Delta Limit/dB
1	756.32000000 MHz	22.83	Quasi Peak	-13.19
1	837.92000000 MHz	22.78	Quasi Peak	-13.24
1	886.40000000 MHz	23.58	Quasi Peak	-12.44
1	927.56000000 MHz	23.80	Quasi Peak	-12.22
1	967.68000000 MHz	24.04	Quasi Peak	-19.94
1	990.48000000 MHz	24.43	Quasi Peak	-19.55



G15140452

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezzo 15140452
Test Spec



Final Measurement

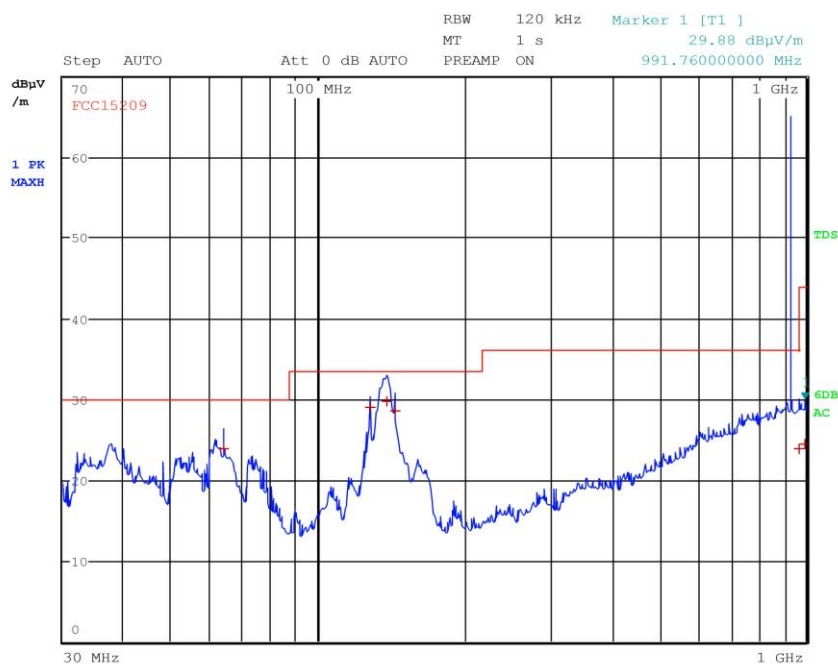
Meas Time: 1 s
Margin: 6 dB
Subranges: 6

Trace	Frequency	Level (dBμV/m)	Detector	Delta Limit/dB
1	64.000000000 MHz	24.54	Quasi Peak	-5.46
1	128.000000000 MHz	29.03	Quasi Peak	-4.49
1	136.000000000 MHz	29.20	Quasi Peak	-4.32
1	137.480000000 MHz	29.62	Quasi Peak	-3.90
1	138.920000000 MHz	29.61	Quasi Peak	-3.91
1	144.040000000 MHz	28.63	Quasi Peak	-4.89



G15140453

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezzo 15140453
Test Spec



Final Measurement

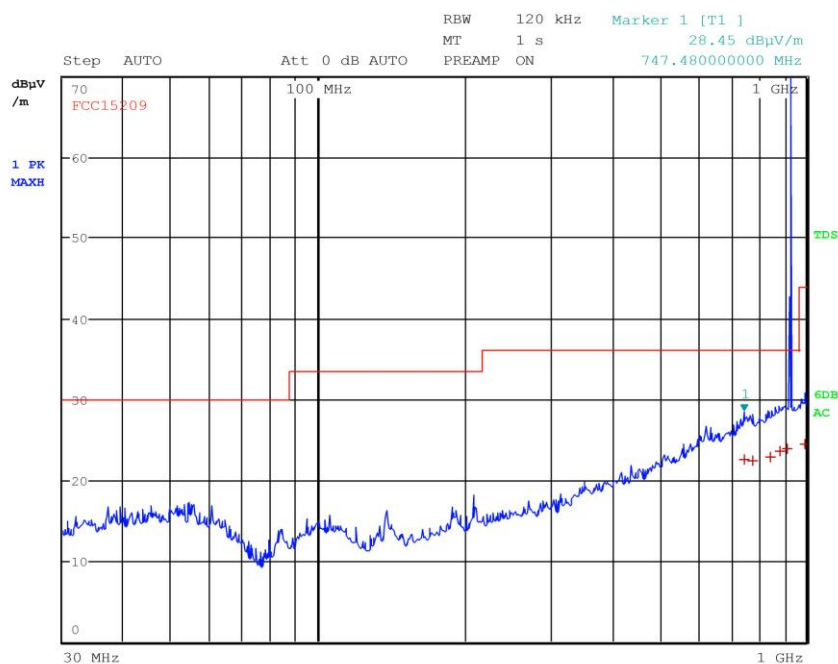
Meas Time: 1 s
Margin: 6 dB
Subranges: 6

Trace	Frequency	Level (dBμV/m)	Detector	Delta Limit/dB
1	64.040000000 MHz	23.96	Quasi Peak	-6.04
1	128.040000000 MHz	28.99	Quasi Peak	-4.53
1	138.360000000 MHz	29.83	Quasi Peak	-3.69
1	144.040000000 MHz	28.67	Quasi Peak	-4.85
1	966.400000000 MHz	23.96	Quasi Peak	-20.02
1	991.760000000 MHz	24.43	Quasi Peak	-19.55



G15140454

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezzo 15140454
Test Spec



Final Measurement

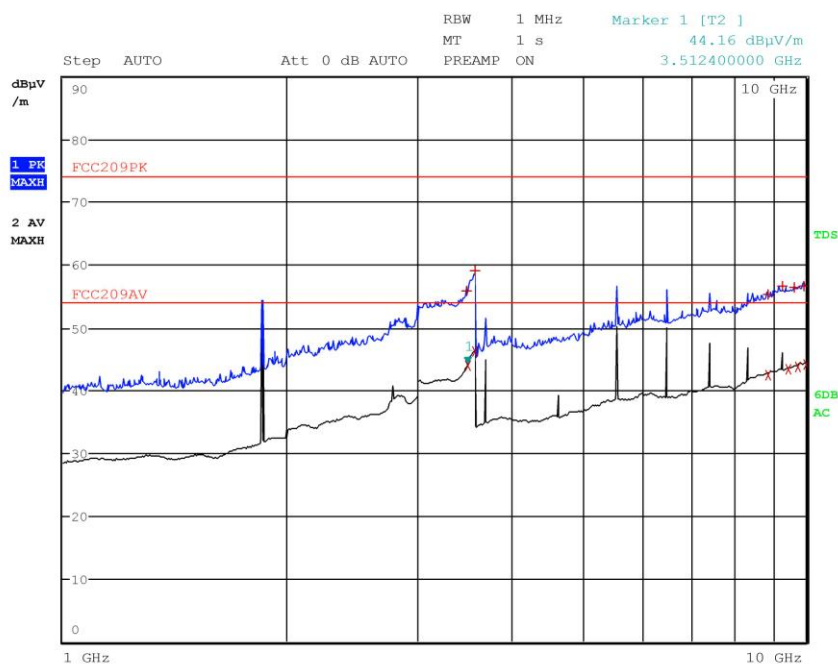
Meas Time: 1 s
Margin: 6 dB
Subranges: 6

Trace	Frequency	Level (dBμV/m)	Detector	Delta Limit/dB
1	747.480000000 MHz	22.64	Quasi Peak	-13.38
1	777.000000000 MHz	22.38	Quasi Peak	-13.64
1	843.320000000 MHz	22.92	Quasi Peak	-13.10
1	882.640000000 MHz	23.55	Quasi Peak	-12.47
1	915.000000000 MHz	23.84	Quasi Peak	-12.18
1	991.800000000 MHz	24.42	Quasi Peak	-19.56



G15140455

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezzo 15140455
Test Spec





Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 15140455
Test Spec

Final Measurement

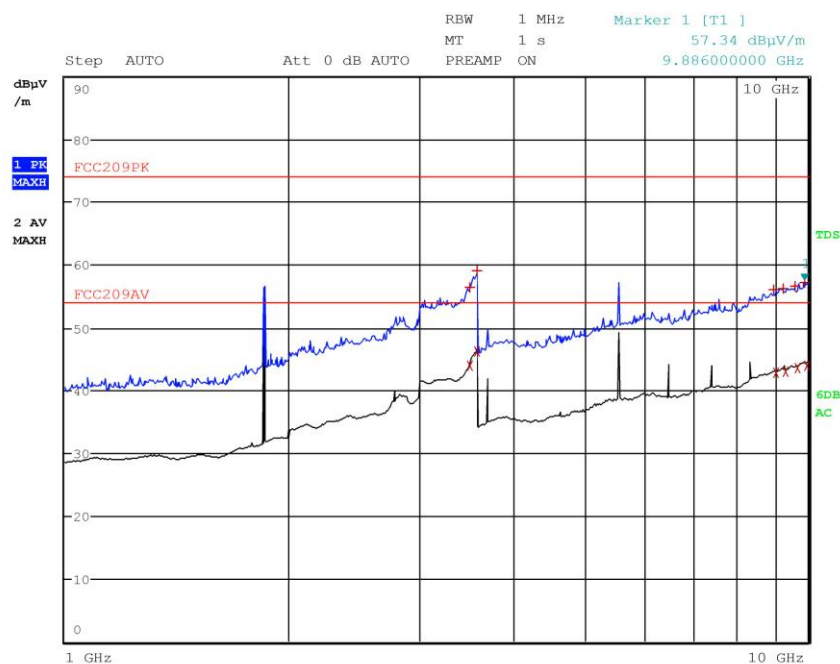
Meas Time: 1 s
Margin: 6 dB
Subranges: 12

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	3.497600000 GHz	55.91	Max Peak	1.91
2	3.512400000 GHz	43.93	Average	
1	3.588800000 GHz	59.03	Max Peak	5.03
2	3.598800000 GHz	46.19	Average	
2	8.872800000 GHz	42.47	Average	
1	8.877200000 GHz	55.39	Max Peak	1.39
1	9.273600000 GHz	56.61	Max Peak	2.61
2	9.460000000 GHz	43.42	Average	
1	9.621200000 GHz	56.53	Max Peak	2.53
2	9.757200000 GHz	43.72	Average	
1	9.924400000 GHz	56.62	Max Peak	2.62
2	9.992800000 GHz	44.21	Average	



G15140456

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 15140456
Test Spec





Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 15140456
Test Spec

Final Measurement

Meas Time: 1 s
Margin: 6 dB
Subranges: 12

Trace	Frequency	Level (dB μ V/m)	Detector	Delta Limit/dB
1	3.509200000 GHz	56.40	Max Peak	2.40
2	3.512400000 GHz	43.94	Average	
1	3.578800000 GHz	59.03	Max Peak	5.03
2	3.598000000 GHz	46.19	Average	
1	8.989600000 GHz	56.15	Max Peak	2.15
2	9.062800000 GHz	42.87	Average	
1	9.238800000 GHz	56.19	Max Peak	2.19
2	9.327600000 GHz	43.08	Average	
1	9.600800000 GHz	56.64	Max Peak	2.64
2	9.655600000 GHz	43.57	Average	
1	9.886000000 GHz	57.26	Max Peak	3.26
2	9.958000000 GHz	44.04	Average	



G15140461

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 15140461
Test Spec
Horiz

