



## TEST REPORT nr. R11103101

### Federal Communication Commission (FCC)

### Industry Canada (IC)

#### Test item

Description.....: Transceiver Unit  
Trademark.....: AUTEK  
Model/Type.....: Model RGA Type AA00M

#### Test Specification

Standard .....: FCC Rules & Regulations, Title 47 (2010) - Part 15 paragraph(s) : 207, 209, 215 and 249  
RSS-210 (2010) – Annex 8

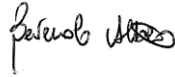
**Client's name**.....: AUTEK S.r.l.

Address .....: Via Pomaroli, 65 - 36030 Caldogno (VI) - ITALY

**Manufacturer's name**.: Same ad client

Address .....:

#### Report

Tested by.....: A. Bertezolo - *Technician* 

Approved by.....: R. Beghetto - *Laboratory Manager* 

Date of issue.....: 30.11.11

Contents .....: 64 pages

This test report shall not be reproduced except in full without the written approval of CMC.  
The test results presented in this report relate only to the item tested.



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<b>1. Summary</b>			
Standard: FCC Rules & Regulations, Title 47 RSS-210 (2010)			
Test specifications	Environmental Phenomena	Tests sequence	Result
FCC – Title 47 Part 15.203 and 15.204 IC – RSS-210	Antenna Requirement	1	Complies
Part 15.215 IC – RSS-210 Annex 8	20 Bandwidth	6	Complies
IC – RSS-210 Annex 8	Occupied Bandwidth (99% BW)	7	Complies
Part 15.249 IC – RSS-210 Annex 8	Peak Output Power	2	Complies
Part 15.215 IC – RSS-210 Annex 8	Band Edge	3	Complies
Part 15.209 IC – RSS-210 Annex 8	Radiated Spurious	4	Complies
Part 15.207 IC – RSS-210 Annex 8	Conducted Emission	5	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 and IC certification.*

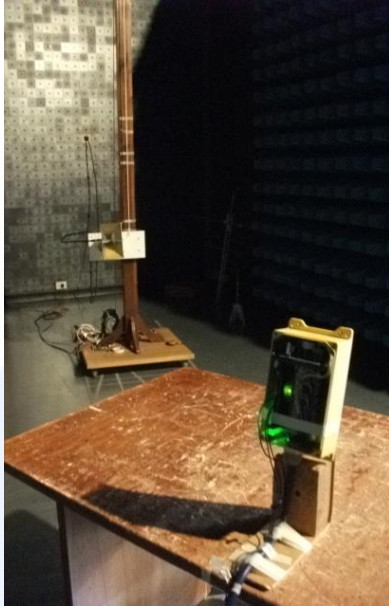


<b>2. Description of Equipment under test (EUT)</b>	
Power supply.....	: 110Vac 60Hz
Type of equipment .....	: <input checked="" type="checkbox"/> Transmitter Unit <input checked="" type="checkbox"/> Receiver Unit <input checked="" type="checkbox"/> Fixed station <input type="checkbox"/> Portable station <input type="checkbox"/> Mobile station
Receiver class .....	: --
Alignment range.....	: 902 – 928 MHz
Switching frequency .....	: 902 – 928 MHz
Number of channels .....	: --
Channel separation.....	: --
Modulation .....	: Up to 19300 Baud RC-FSK
Extreme conditions .....	: --
Maximum transmitter output power.....	: --
Information on antenna.....	: Embedded
Duty cycle.....	: --
Serial Number.....	: --
<b>2.1 Test Site</b>	
Company .....	: CMC Centro Misure Compatibilità S.r.l.
Address .....	: Via dell' Elettronica, 12/C – 36016 Thiene (VI) – ITALY
<b>3. Testing and sampling</b>	
Date of receipt of test item .....	: 05.07.11
Testing start date.....	: 13.07.11
Testing end date.....	: 29.11.11
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 P110693
<b>4. Operative conditions</b>	
--	

CMC Centro Misure Compatibilità S.r.l.



**5. Photograph(s) of EUT**



3



## 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 S001	Rohde & Schwarz	ESHS30	EMC interference receiver	862024/003	January '11	January '12
CMC S108	Emco	3115	Horn antenna	9811-5622	April '10	April '13
CMC S124	Spin	AMTP42-20	Horn Antenna 18-26GHz	103	May '10	May '13
CMC S129	Rohde & Schwarz	ESPI7	Receiver	836.914/004	January '11	January '12
CMC S136	Schwarzbeck	VULB 9163	Broadband Antenna	9136-205	May '10	May '13
CMC S164	Rohde & Schwarz	ESU26	EMC interference receiver	100052	January '11	January '12





## 7. Measurement uncertainty

Test	Expanded Uncertainty	note
<b>Conducted Emission</b>		
(50Ω/50μH AMN) - (9 kHz – 150 kHz)	±3.0 dB	1
(50Ω/50μH AMN) - (150 kHz – 30 MHz)	±2.6 dB	1
(Voltage probe) - (150 kHz – 30 MHz)	±3.1 dB	1
(50Ω/5μH AMN) - (150 kHz – 108 MHz)	±2.6 dB	1
<b>Discontinuous Conducted Emission</b>		
Conducted Emission (50Ω/50μH AMN) - (150 kHz – 30 MHz)	±2.9 dB	1
<b>Disturbance Power (30 MHz – 300 MHz)</b>		
	±3.1 dB	1
<b>Radiated Emission</b>		
(0,150 MHz – 30 MHz)	±4.3 dB	1
(30 MHz – 1000 MHz)	±4.6 dB	1
(1 GHz – 6 GHz)	±4.3 dB	1
<b>Electromagnetic field EMF</b>		
	±18.8 %	1
<b>Harmonic current emissions test</b>		
	±2.5 %	1
<b>Voltage fluctuation and flicker test</b>		
	±5.3 %	1
<b>Insertion loss test</b>		
	±2.2 dB	1
<b>Radiated electromagnetic disturbance test (loop antenna)</b>		
	±2.4 dB	1
<b>Radiated electromagnetic field immunity test</b>		
	0.8 V/m at 3V/m	1
<b>Pulse modulated radiated electromagnetic field immunity test</b>		
	0.8 V/m at 3V/m	1
<b>Injected currents immunity test</b>		
	0.6 V at 3V	1
<b>Bulk current</b>		
	8.4 mA at 60 mA	1
<b>Power frequency magnetic field immunity test</b>		
	0.4 A/m at 3 A/m	1
<b>Electrostatic discharge immunity test</b>		
		2
<b>Electrical fast transients / burst immunity test</b>		
		2
<b>Surge immunity test</b>		
		2
<b>Short interruption immunity test</b>		
		2
<b>Voltage transient emission test</b>		
	±4 %	1
<b>Transient immunity test</b>		
		2

### Notes

#### Note 1:

The expanded uncertainty reported according to EN55016-4-2(2004-10) 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

<i>Reference no.</i>	<i>Description</i>
FCC Rules and Regulation Title 47 part 15 (2010)	--
RSS-210 Issue 8 – December 2010	Low-power Licence-exempt Radiocommunication Devices (All Frequency Bands): Category I Equipment
ANSI C63.4	American National Standard for Methods of Measuring of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9kHz – 40GHz
Internal Procedure PM001 rev. 2.0 (Quality Manual)	Measure Procedure
Internal procedure INC_M rev. 8.0 (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 6dB 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 / N.A.  
Test item does meet the requirement..... : P / Pass / Complies  
Test item does not meet the requirement..... : F / Fail / Does not comply  
Test not performed ..... : NE / Not Executed

**11. Results**

In this clause tests results are reported.  
All measurements are done in accordance with the Filling and Measurement Guidelines for Frequency Hopping Spread Spectrum Systems DA-705  
Measurement uncertainty is in accordance with document CMC INC\_M rev. 8.0.

CMC Centro Misura Compatibilità S.r.l.



## 11.1 Antenna Requirements

### Test configuration and test method

Test site Laboratory  
 Auxiliary equipment See clause 4 of this test report

### Environmental conditions

Temperature 22 °C Atmospheric pressure 100 kPa Relative humidity 49 %

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.203 and 15.204
- RSS-210
- Internal Procedure PM001
- See clause 4 of this test report

### Test Requirements

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 unique coupling to the intentional radiator shall be considered sufficient 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 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.

### Test specification

Port: Antenna.

### EUT exercising

See clause 4 of this test report

### Result

<i>Antenna Type</i>	<i>Gain</i>	<i>Remarks</i>	<i>Results</i>
Embedded	0 dBi	--	Complies

### Remarks

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### Reference documents

See clause 8 of this test report

### Result

The requirements are met



## 11.2 20dB Bandwidth

### Test configuration and test method

Test site Laboratory  
 Auxiliary equipment See clause 4 of this test report

### Environmental conditions

Temperature 22 °C Atmospheric pressure 98 kPa Relative humidity 50 %

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.215
- RSS-210 Annex 8
- DA 00-705, march 30, 2000
- Internal Procedure PM001
- See clause 4 of this test report

### Test specification

Port: Antenna;

### EUT exercising

See clause 4 of this test report

### Result

Frequency (MHz)	Graph(s)	Bandwidth	Remark
902,225	G11103107A	32,6 kHz	--
915,000	G11103108A	33,6 kHz	--
927,775	G11103109A	36,2 kHz	--

Measurement uncertainty: ±1 kHz

### Remarks

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### Reference documents

See clause 8 of this test report

### Test equipment used (Id number – see clause 6 of this test report)

CMC S129

### Result

The requirements are met



### 11.3 Occupied Bandwidth (99% BW)

#### Test configuration and test method

Test site Laboratory  
 Auxiliary equipment See clause 4 of this test report

#### Environmental conditions

Temperature 20 °C Atmospheric pressure 98 kPa Relative humidity 46 %

#### Test set-up and execution

- RSS-210 Annex 8
- Internal Procedure PM001
- See clause 4 of this test report

#### Test specification

Port: Antenna;

#### EUT exercising

See clause 4 of this test report

#### Result

<i>Frequency (MHz)</i>	<i>Graph(s)</i>	<i>Bandwidth</i>	<i>Remark</i>
902,225	G111031A1A	28,8 kHz	--
915,000	G111031A2A	30,0 kHz	--
927,775	G111031A3A	31,2 kHz	--
Measurement uncertainty: ±1 kHz			

#### Remarks

//////////

#### Reference documents

See clause 8 of this test report

#### Test equipment used (Id number – see clause 6 of this test report)

CMC S129

#### Result

The requirements are met



## 11.4 Peak Output Power

### Test configuration and test method

Test site

Laboratory

Auxiliary equipment

See clause 4 of this test report

### Environmental conditions

Temperature 22 °C Atmospheric pressure 99 kPa Relative humidity 48 %

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.209 and 15.249
- RSS-210 Annex 8
- DA 00-705, march 30, 2000
- Internal Procedure PM001
- See clause 4 of this test report

### Test specification

Port: Antenna;

### EUT exercising

See clause 4 of this test report

### Acceptance limits

Frequency range	RF power output
902-928 MHz	50mV/m (94dB $\mu$ V/m)

### Result

Frequency (MHz)	Polarization	Graphs	Measured QP level (dB $\mu$ V/m)	Remark
927,775	Vertical	G11103101A	92,30	--
927,775	Horizontal	G11103102A	85,04	--
915,000	Horizontal	G11103103A	85,71	--
915,000	Vertical	G11103104A	92,45	--
902,225	Vertical	G11103105A	88,48	--
902,225	Horizontal	G11103106A	81,32	--

Measurement uncertainty:  $\pm 3$ dBm



**Remarks**

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**Reference documents**

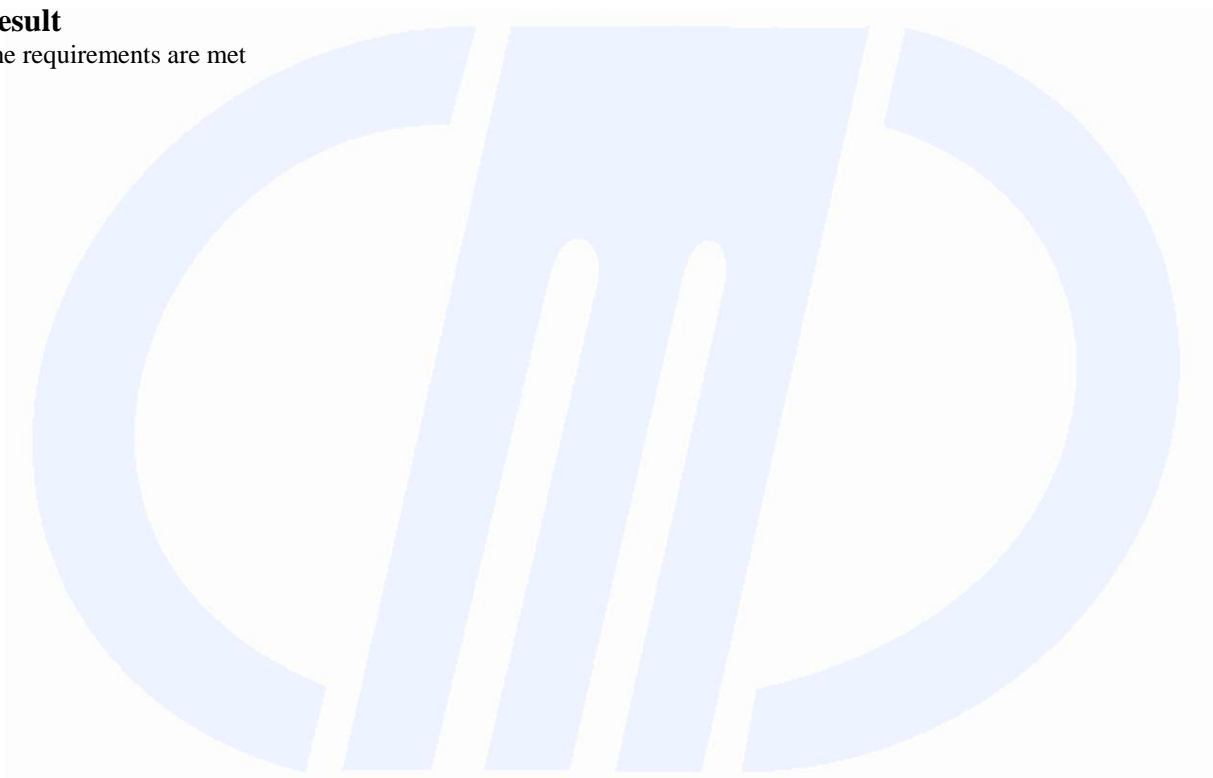
See clause 8 of this test report

**Test equipment used (Id number – see clause 6 of this test report)**

CMC S164

**Result**

The requirements are met







## 11.5 Band Edge

### Test configuration and test method

Test site Laboratory  
 Auxiliary equipment See clause 4 of this test report

### Environmental conditions

Temperature 20 °C Atmospheric pressure 99 kPa Relative humidity 46 %

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.215
- RSS-210 Annex 8
- DA 00-705, march 30, 2000
- Internal Procedure PM001
- See clause 4 of this test report

### Test specification

Port: Antenna;

### EUT exercising

See clause 4 of this test report

### Acceptance limits

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated. The requirement to contain the designated bandwidth of the emission within the specified frequency band includes the effects from frequency sweeping, frequency hopping and other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage. If a frequency stability is not specified in the regulations, it is recommended that the fundamental emission be kept within at least the central 80% of the permitted band in order to minimize the possibility of out-of-band operation.

### Result

Frequency (MHz)	Graph(s)	Remark
927.775	G11103110A	--
902.225	G11103112A	--

Measurement uncertainty: ±1dB

### Remarks //////////////

**Reference documents** See clause 8 of this test report

**Test equipment used (Id number – see clause 6 of this test report)** CMC S129

**Result** The requirements are met



## 11.6 Radiated Spurious (Transmitter)

### Test configuration and test method

Test site Semi-anechoic chamber  
 Auxiliary equipment None

### Environmental conditions

Temperature 22 °C Atmospheric pressure 98 kPa Relative humidity 50 %

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.209
- RSS-210 Annex 8
- DA 00-705, march 30, 2000
- Internal Procedure PM001
- See clause 4 of this test report

### Test specification

Port: Antenna;  
 For measurements below 1GHz the resolution bandwidth is set to 100kHz.  
 For measurements above 1GHz the resolution bandwidth is set to 1MHz.

### EUT exercising

See clause 4 of this test report

### Acceptance limits

In any 100kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in cl. 15.205(a), must also comply with the radiated emission limits specified in cl. 15.209(a) (see cl.15.205(c)).

### Result

Channel	Polarization	Frequency Range (MHz)	Graph(s) (peak measurements)	Remarks	Result
902,225	Vertical	30 – 1000	G11103114	--	Complies
902,225	Horizontal	30 – 1000	G11103115	--	Complies
915,000	Vertical	30 – 1000	G11103131	--	Complies
915,000	Horizontal	30 – 1000	G11103132	--	Complies
927,775	Horizontal	30 – 1000	G11103133	--	Complies
927,775	Vertical	30 – 1000	G11103134	--	Complies

Channel	Polarization	Frequency Range (GHz)	Graph(s) (peak measurements)	Remarks	Result
902,225	Horizontal	1 – 10	G11103119	--	Complies
902,225	Vertical	1 – 10	G11103120	--	Complies
915,000	Vertical	1 – 10	G11103127	--	Complies
915,000	Horizontal	1 – 10	G11103128	--	Complies
927,775	Horizontal	1 – 10	G11103129	--	Complies
927,775	Vertical	1 – 10	G11103130	--	Complies



<i>Channel</i>	<i>Antenna</i>	<i>Frequency Range (MHz)</i>	<i>Graph(s)</i>	<i>Remarks</i>	<i>Result</i>
902,225	Loop Antenna	9kHz – 30MHz	G11103116	--	Complies
915,000	Loop Antenna	9kHz – 30MHz	G11103117	--	Complies
927,775	Loop Antenna	9kHz – 30MHz	G11103118	--	Complies





Nr. Harmonics	AV level (dB $\mu$ V/m)						AV Limits (dB $\mu$ V/m)	Remark
	902,225MHz		915,000 MHz		927,775 MHz			
	Frequency	(dB $\mu$ V/m)	Frequency	(dB $\mu$ V/m)	Frequency	(dB $\mu$ V/m)		
II Harmonic	1804,4528	53,8	1830,1207	53,8	1855,5570	53,9	54,00	--
III Harmonic	2706,6757	53,9	2745,0946	53,7	2783,3292	53,7	54,00	--
IV Harmonic	3608,9311	48,4	--	More than 15dB below limit	--	More than 15dB below limit	54,00	--
V Harmonic	--	More than 15dB below limit	--	More than 15dB below limit	--	More than 15dB below limit	54,00	--
VI Harmonic	5413,3584	47,0	--	More than 15dB below limit	--	More than 15dB below limit	54,00	--
VII Harmonic	--	More than 15dB below limit	--	More than 15dB below limit	--	More than 15dB below limit	54,00	--
VIII Harmonic	--	More than 15dB below limit	--	More than 15dB below limit	--	More than 15dB below limit	54,00	--
IX Harmonic	--	More than 15dB below limit	--	More than 15dB below limit	--	More than 15dB below limit	54,00	--
X Harmonic	--	More than 15dB below limit	--	More than 15dB below limit	--	More than 15dB below limit	54,00	--

Measurement Uncertainty:  $\pm 4$ dB

Nr. Harmonics	PK level (dB $\mu$ V/m)						PK Limits (dB $\mu$ V/m)	Remark
	902,225MHz		915,000 MHz		927,775 MHz			
	Frequency	(dB $\mu$ V/m)	Frequency	(dB $\mu$ V/m)	Frequency	(dB $\mu$ V/m)		
II Harmonic	1804,4528	55,6	1830,1207	56,3	1855,5570	55,9	74,00	--
III Harmonic	2706,6757	57,5	2745,0946	56,4	2783,3292	56,1	74,00	--
IV Harmonic	3608,9311	52,1	--	More than 15dB below limit	--	More than 15dB below limit	74,00	--
V Harmonic	--	More than 15dB below limit	--	More than 15dB below limit	--	More than 15dB below limit	74,00	--
VI Harmonic	5413,3584	52,7	--	More than 15dB below limit	--	More than 15dB below limit	74,00	--
VII Harmonic	--	More than 15dB below limit	--	More than 15dB below limit	--	More than 15dB below limit	74,00	--
VIII Harmonic	--	More than 15dB below limit	--	More than 15dB below limit	--	More than 15dB below limit	74,00	--
IX Harmonic	--	More than 15dB below limit	--	More than 15dB below limit	--	More than 15dB below limit	74,00	--
X Harmonic	--	More than 15dB below limit	--	More than 15dB below limit	--	More than 15dB below limit	74,00	--

Measurement Uncertainty:  $\pm 4$ dB



### Remarks

EUT was tested in 3 orthogonal planes. In results table are reported the worst case.

### Reference documents

See clause 8 of this test report

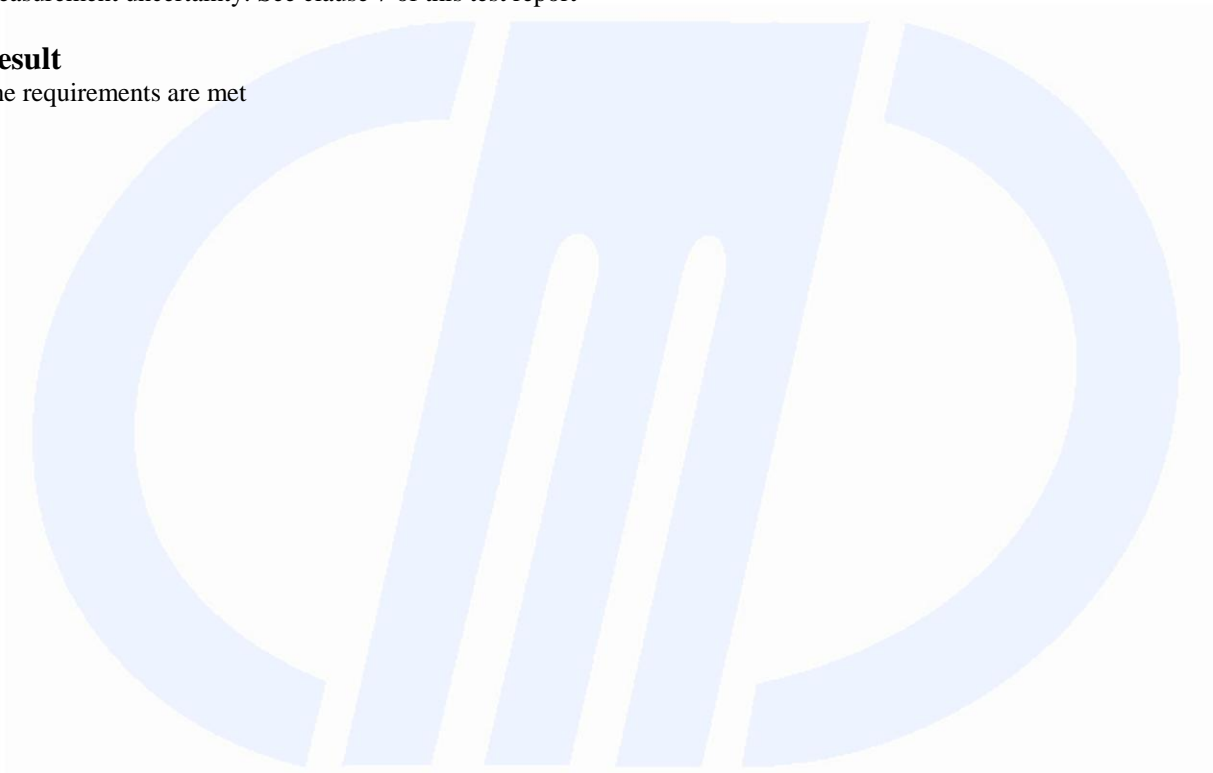
### Test equipment used (Id number – see clause 6 of this test report)

CMC S108, CMC S124, CMC S136, CMC S164

Measurement uncertainty: See clause 7 of this test report

### Result

The requirements are met





## 11.7 Radiated Spurious (Receiver)

### Test configuration and test method

Test site Semi-anechoic chamber  
 Auxiliary equipment See clause 4 of this test report

### Environmental conditions

Temperature 22 °C Atmospheric pressure 99 kPa Relative humidity 50 %

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.209
- DA 00-705, march 30, 2000
- RSS-210 Annex 8
- Internal Procedure PM001
- See clause 4 of this test report

### Test specification

Port: Antenna;

### EUT exercising

See clause 4 of this test report

### Acceptance limits

In any 100kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in cl. 15.205(a), must also comply with the radiated emission limits specified in cl. 15.209(a) (see cl.15.205(c)).

### Result

Channel	Polarization	Frequency Range (MHz)	Graph(s)	Remarks	Result
902,225	Vertical	30 – 1000	G11103135	--	Complies
902,225	Horizontal	30 – 1000	G11103136	--	Complies
915,000	Vertical	30 – 1000	G11103137	--	Complies
915,000	Horizontal	30 – 1000	G11103138	--	Complies
927,775	Vertical	30 – 1000	G11103139	--	Complies
927,775	Horizontal	30 – 1000	G11103140	--	Complies
902,225	Vertical	1000 – 10000	G11103121	--	Complies
902,225	Horizontal	1000 – 10000	G11103122	--	Complies
915,000	Vertical	1000 – 10000	G11103123	--	Complies
915,000	Horizontal	1000 – 10000	G11103124	--	Complies
927,775	Horizontal	1000 – 10000	G11103125	--	Complies
927,775	Vertical	1000 – 10000	G11103126	--	Complies

### Remarks

EUT was tested in 3 orthogonal planes. In results table are reported the worst case.

### Reference documents

See clause 8 of this test report

### Test equipment used (Id number – see clause 6 of this test report)

CMC S108, CMC S124, CMC S127, CMC S136, CMC S164

Measurement uncertainty: See clause 7 of this test report

### Result

The requirements are met





## 11.8 Emission of mains terminal disturbance voltage (continuous disturbance)

### Test configuration and test method

Test site Laboratory  
 Auxiliary equipment See clause 4 of this test report

### Environmental conditions

Temperature 20 °C Atmospheric pressure 99 kPa Relative humidity 45 %

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.207
- RSS-210 Annex 8
- Internal Procedure PM001
- See clause 4 of this test report

### Test specification

Port: AC mains

### EUT exercising

See clause 4 of this test report

### Acceptance limits

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

### Result

<i>Line</i>	<i>Graphs</i>	<i>Remarks</i>	<i>Result</i>
N	G11103141	--	Complies
L1	G11103142	--	Complies

#### Graphs Legend

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

### Remarks

//////////

### Reference documents

See clause 8 of this test report

### Test equipment used (Id number – see clause 6 of this test report)

CMC S001

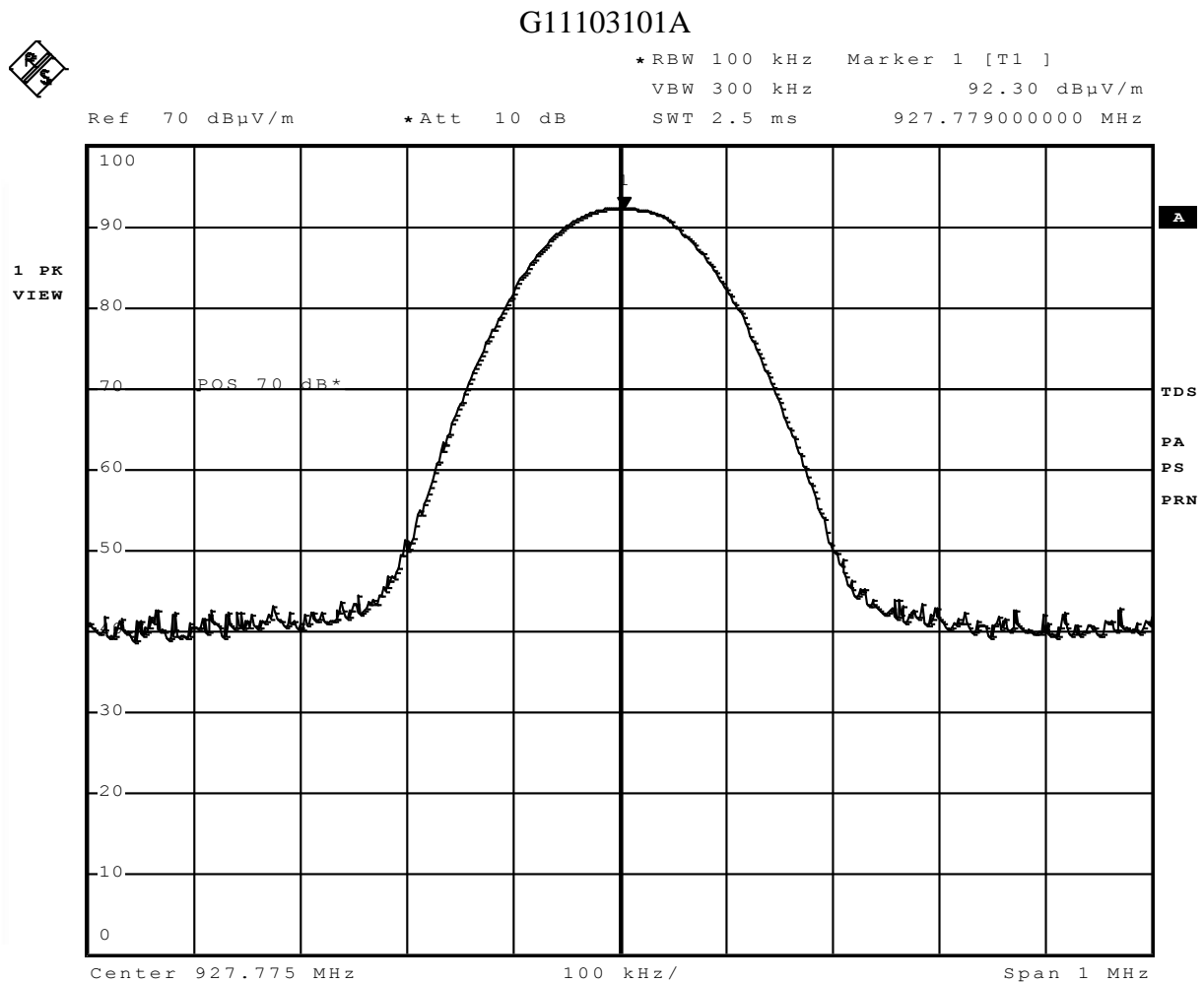
Measurement uncertainty: See clause 7 of this test report

### Result

The requirements are met



## 12. Graphs and Tables



CMC Centro Misure Compatibilità S.r.l.



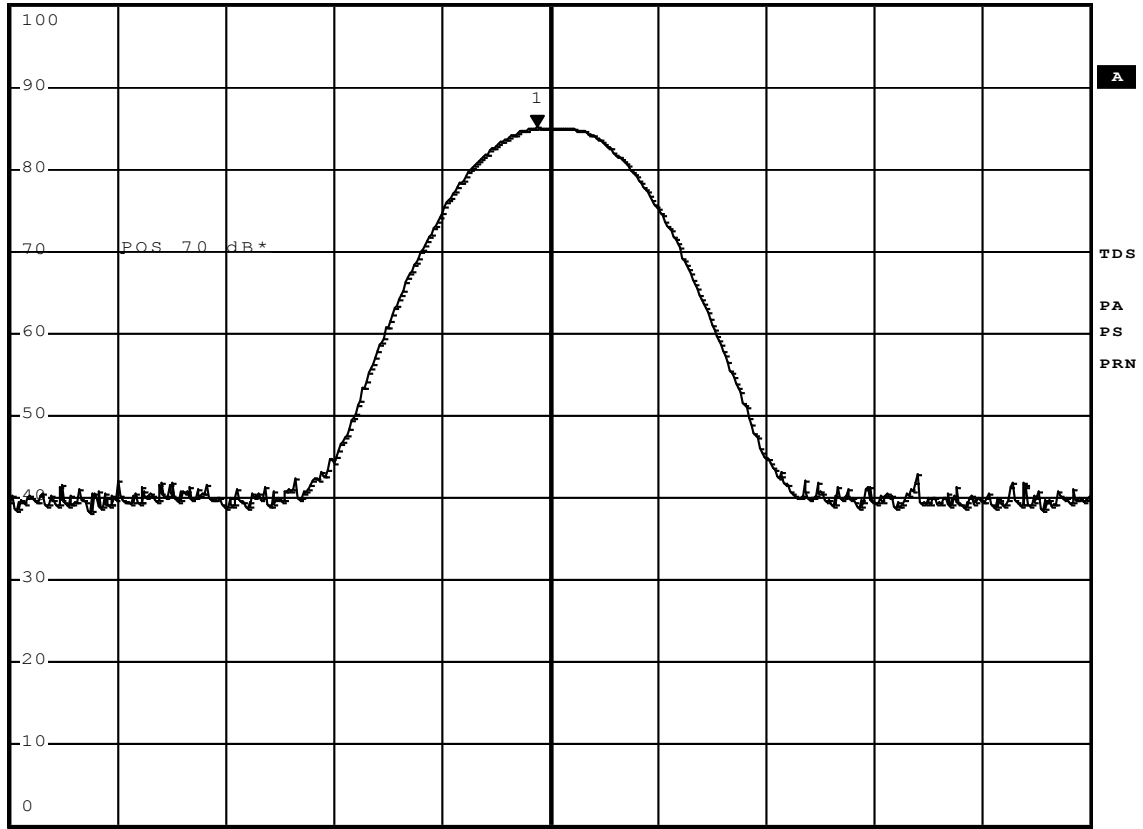
### G11103102A



\*RBW 100 kHz Marker 1 [T1 ]  
VBW 300 kHz 85.04 dBμV/m  
SWT 2.5 ms 927.763000000 MHz

Ref 70 dBμV/m \*Att 10 dB

1 PK  
VIEW



Center 927.775 MHz 100 kHz/ Span 1 MHz

CMC Centro Misure Compatibilità S.r.l.



### G11103103A

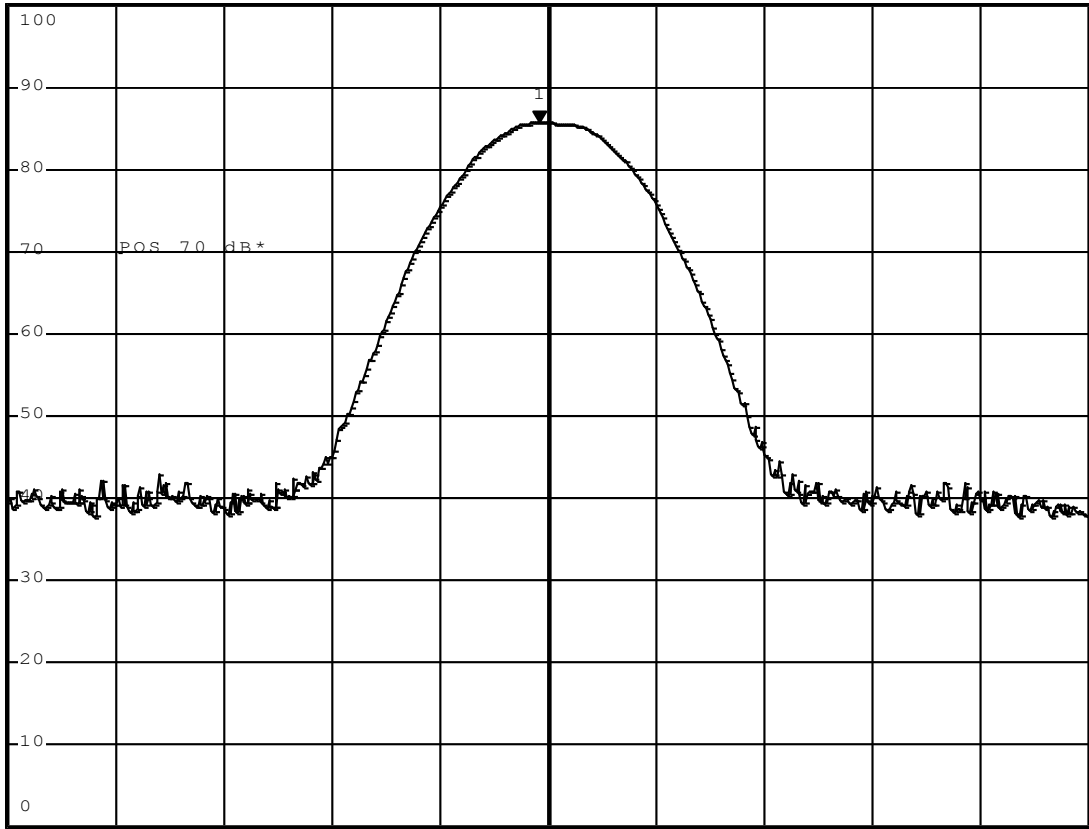


\*RBW 100 kHz Marker 1 [T1 ]  
VBW 300 kHz 85.71 dB $\mu$ V/m  
SWT 2.5 ms 914.967400000 MHz

Ref 70 dB $\mu$ V/m

\*Att 10 dB

1 PK  
VIEW



Center 914.9754 MHz

100 kHz/

Span 1 MHz

CMC Centro Misure Compatibilità S.r.l.



### G11103104A

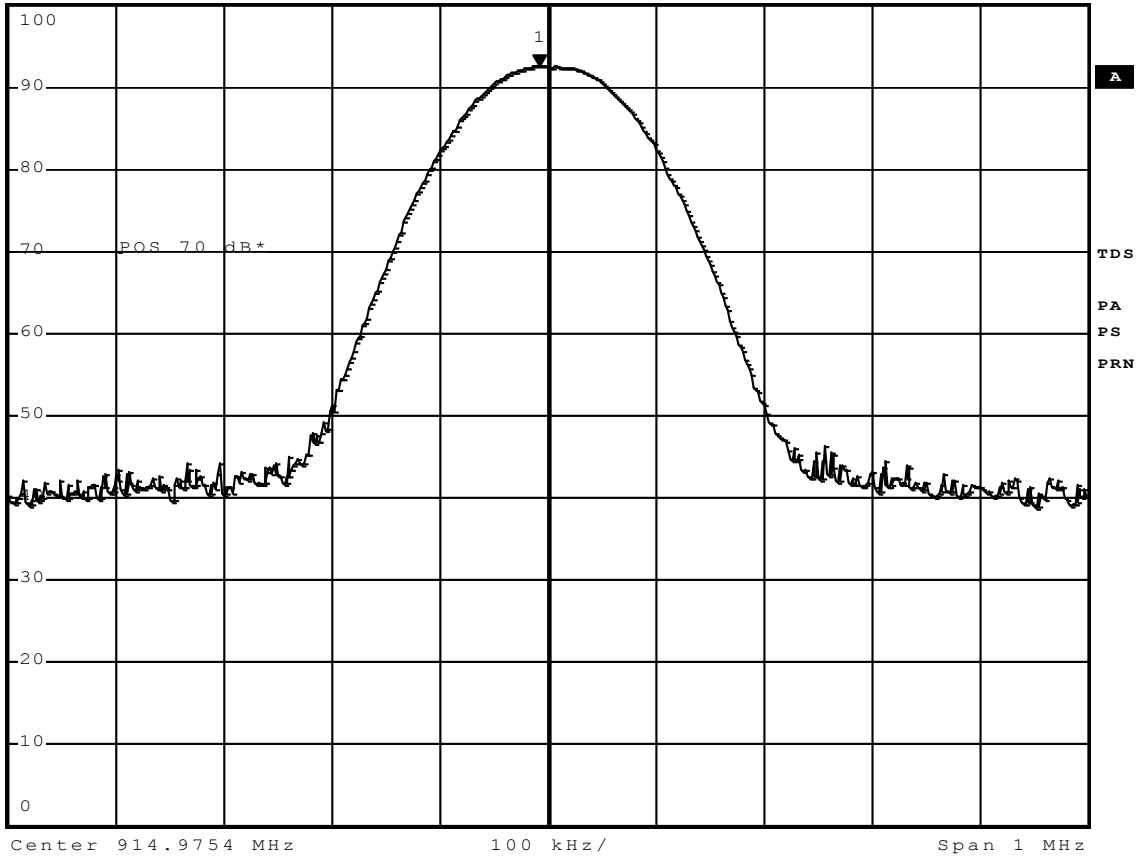


\*RBW 100 kHz Marker 1 [T1 ]  
VBW 300 kHz 92.45 dB $\mu$ V/m  
SWT 2.5 ms 914.967400000 MHz

Ref 70 dB $\mu$ V/m

\*Att 10 dB

1 PK  
VIEW



CMC Centro Misure Compatibilità S.r.l.



### G11103105A

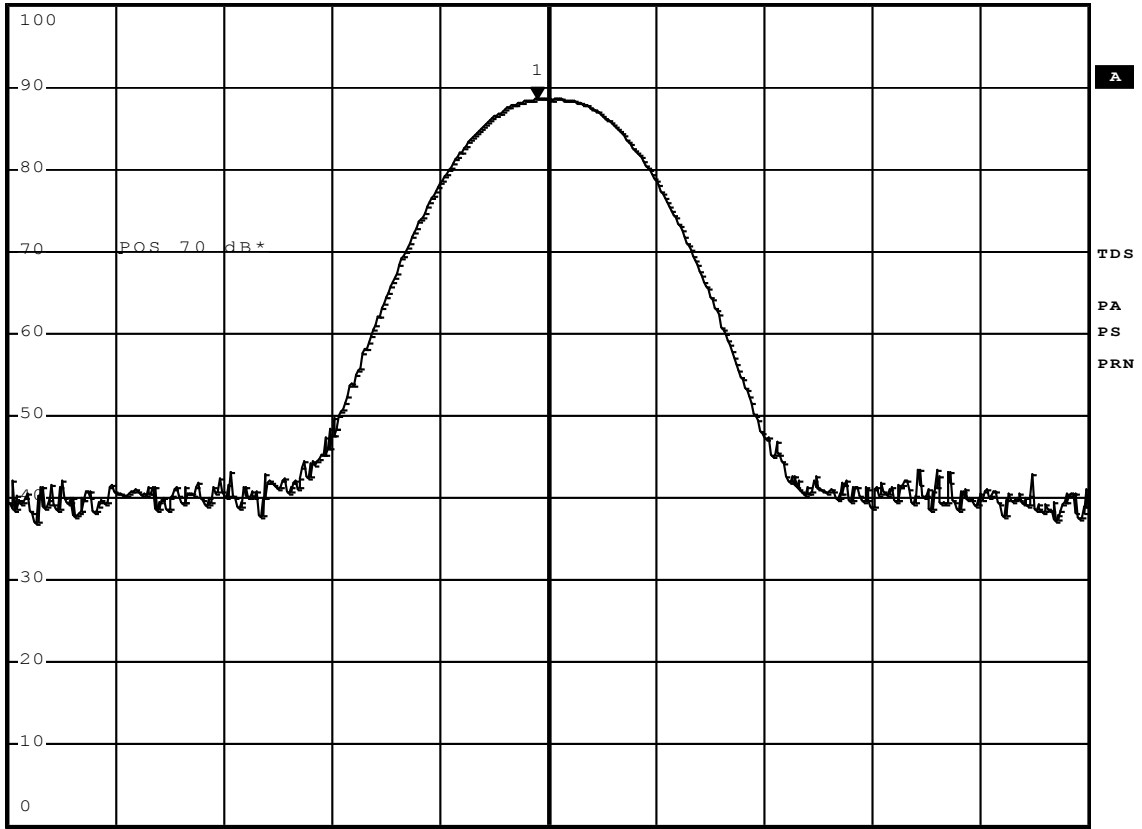


\*RBW 100 kHz    Marker 1 [T1 ]  
VBW 300 kHz        88.48 dB $\mu$ V/m  
SWT 2.5 ms        902.215000000 MHz

Ref 70 dB $\mu$ V/m

\*Att 10 dB

1 PK  
VIEW



Center 902.225 MHz

100 kHz/

Span 1 MHz

CMC Centro Misure Compatibilità S.r.l.





### G11103106A

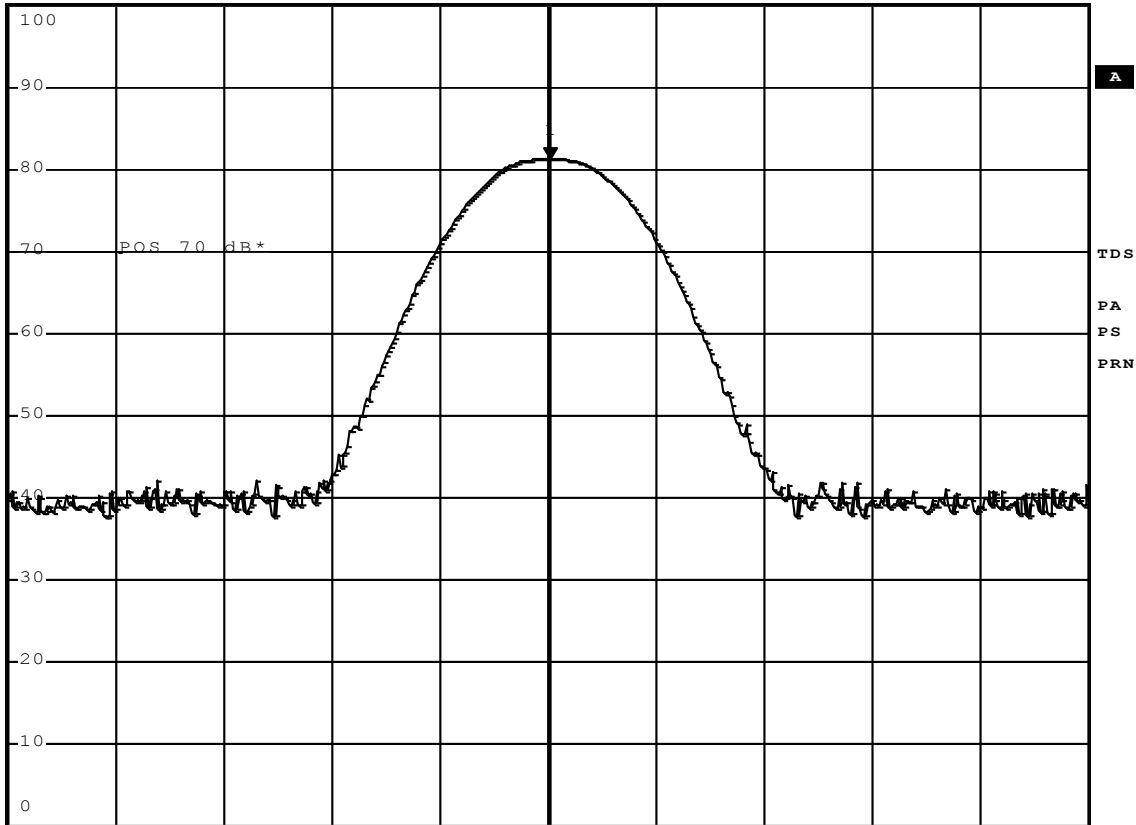


\*RBW 100 kHz Marker 1 [T1 ]  
VBW 300 kHz 81.32 dBμV/m  
SWT 2.5 ms 902.227000000 MHz

Ref 70 dBμV/m

\*Att 10 dB

1 PK  
VIEW



Center 902.225 MHz

100 kHz/

Span 1 MHz

CMC Centro Misure Compatibilità S.r.l.



### G11103107A

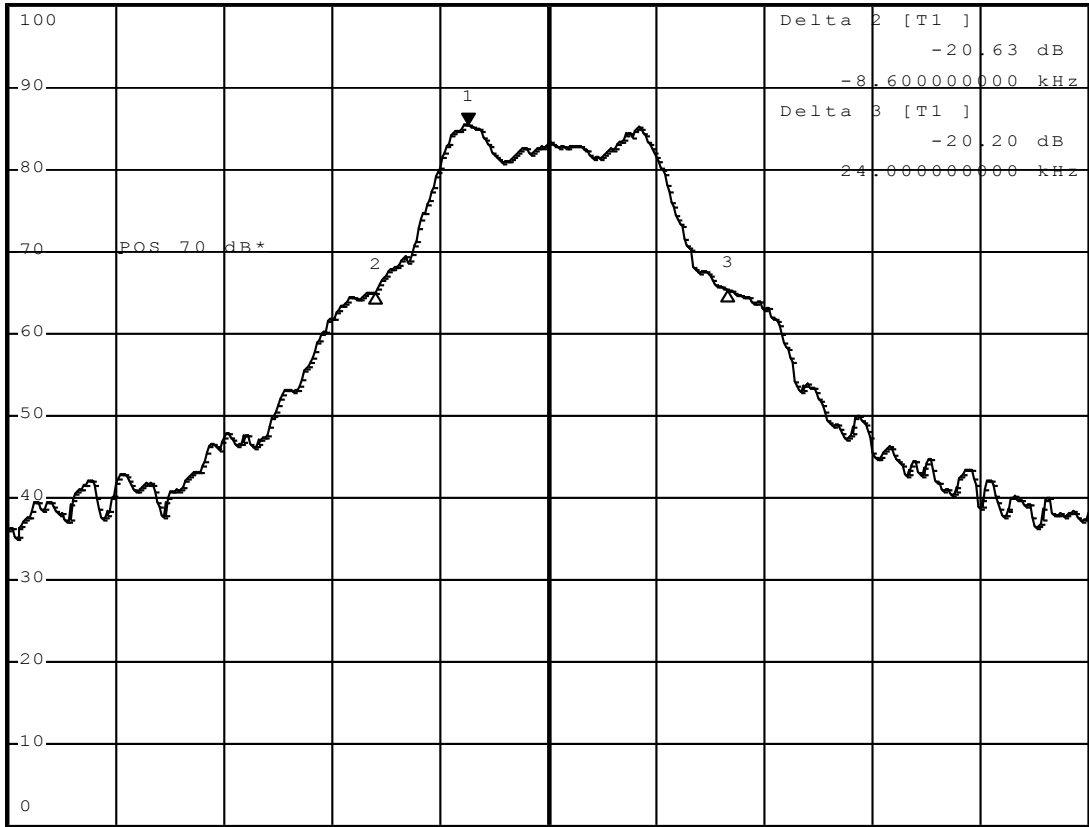


\*RBW 3 kHz      Marker 1 [T1 ]  
VBW 10 kHz      85.53 dBμV/m  
SWT 15 ms      902.217600000 MHz

Ref 70 dBμV/m

\*Att 10 dB

1 PK  
VIEW



Center 902.225 MHz

10 kHz/

Span 100 kHz

CMC Centro Misure Compatibilità S.r.l.



### G11103108A

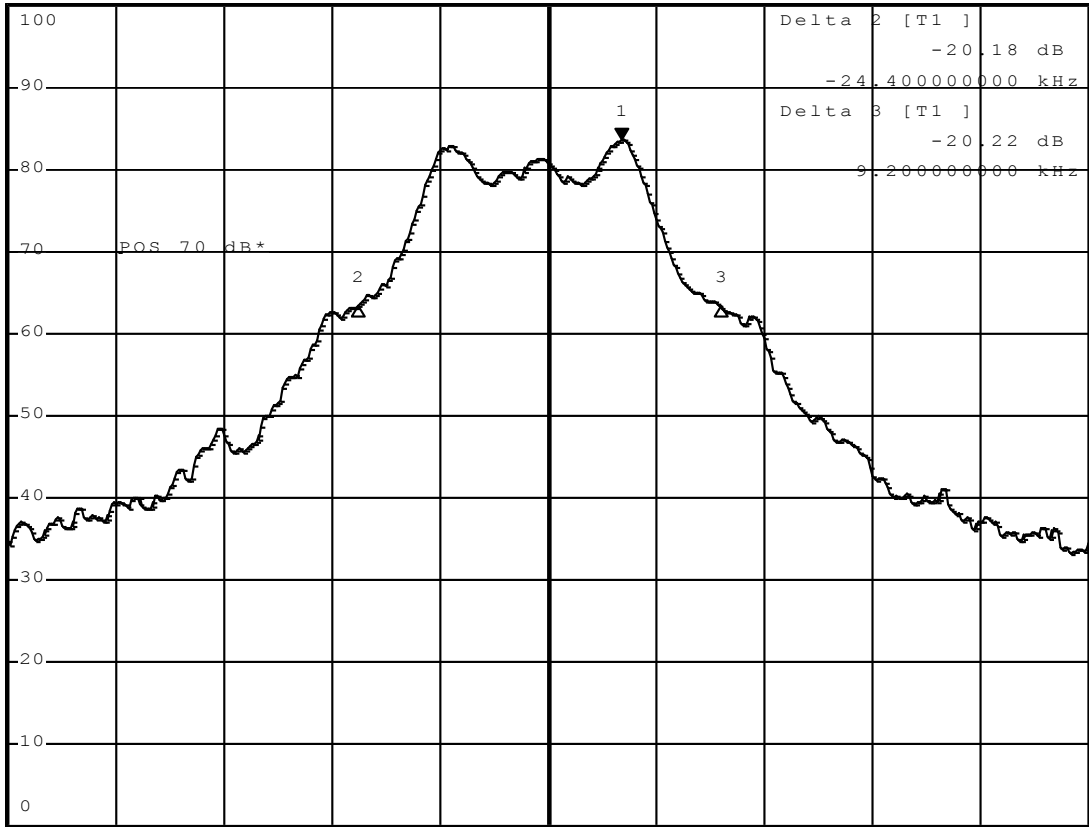


\*RBW 3 kHz      Marker 1 [T1 ]  
VBW 10 kHz      83.50 dBμV/m  
SWT 15 ms      914.982800000 MHz

Ref 70 dBμV/m

\*Att 10 dB

1 PK  
VIEW



Center 914.976 MHz

10 kHz/

Span 100 kHz

CMC Centro Misure Compatibilità S.r.l.



G11103109A

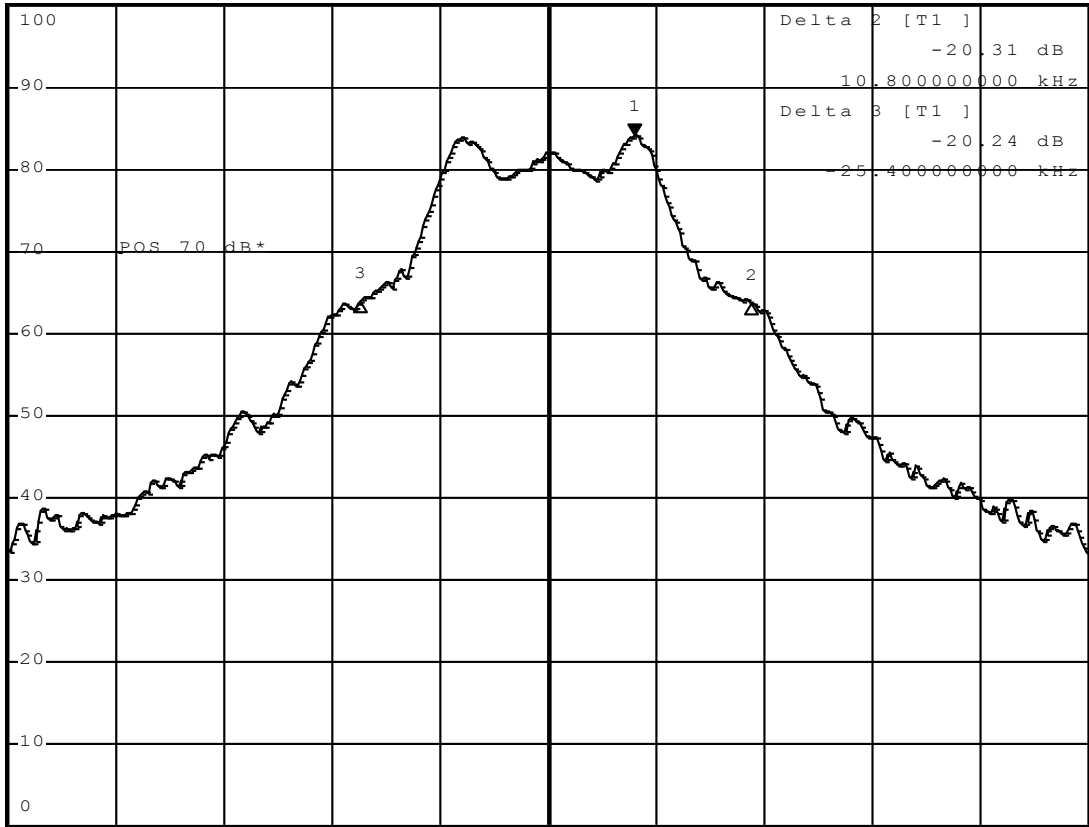


\*RBW 3 kHz      Marker 1 [T1 ]  
 VBW 10 kHz      84.02 dBμV/m  
 SWT 15 ms      927.783000000 MHz

Ref 70 dBμV/m

\*Att 10 dB

1 PK  
 VIEW



Center 927.775 MHz

10 kHz/

Span 100 kHz

CMC Centro Misure Compatibilità S.r.l.



### G11103110A

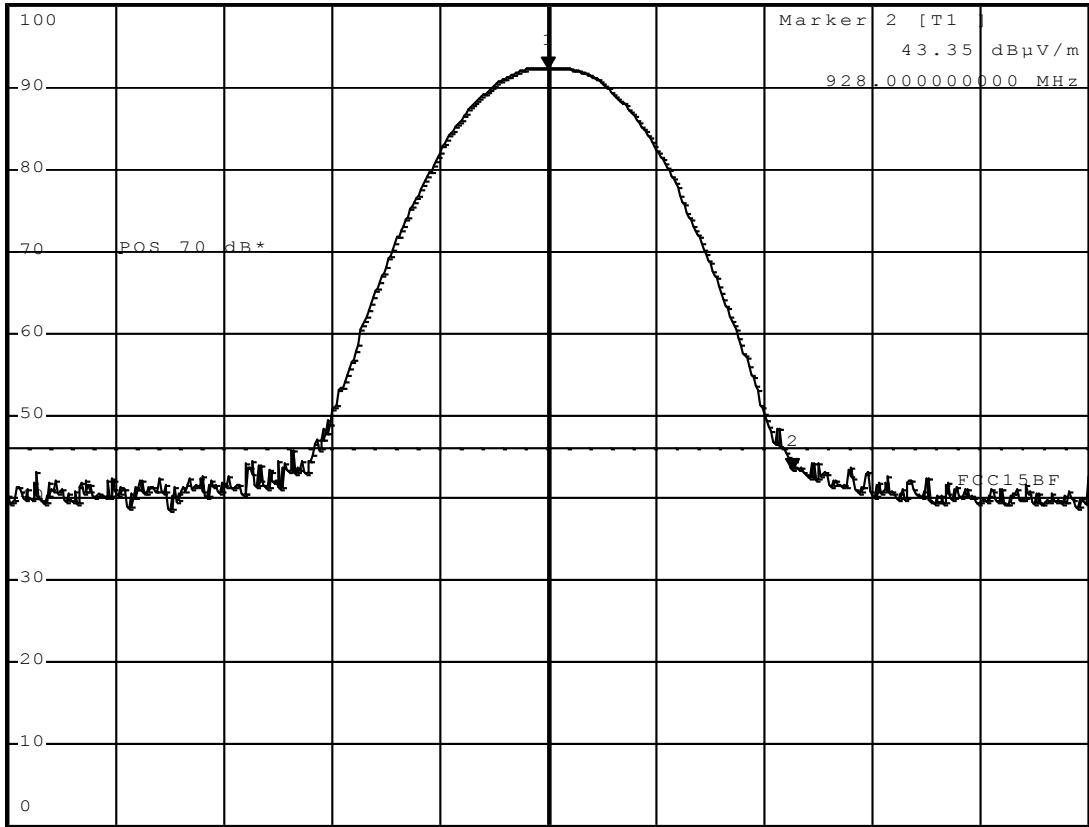


\*RBW 100 kHz    Marker 1 [T1 ]  
VBW 300 kHz        92.28 dB $\mu$ V/m  
SWT 2.5 ms        927.775000000 MHz

Ref 70 dB $\mu$ V/m

\*Att 10 dB

1 PK  
VIEW



Center 927.775 MHz

100 kHz/

Span 1 MHz

CMC Centro Misure Compatibilità S.r.l.



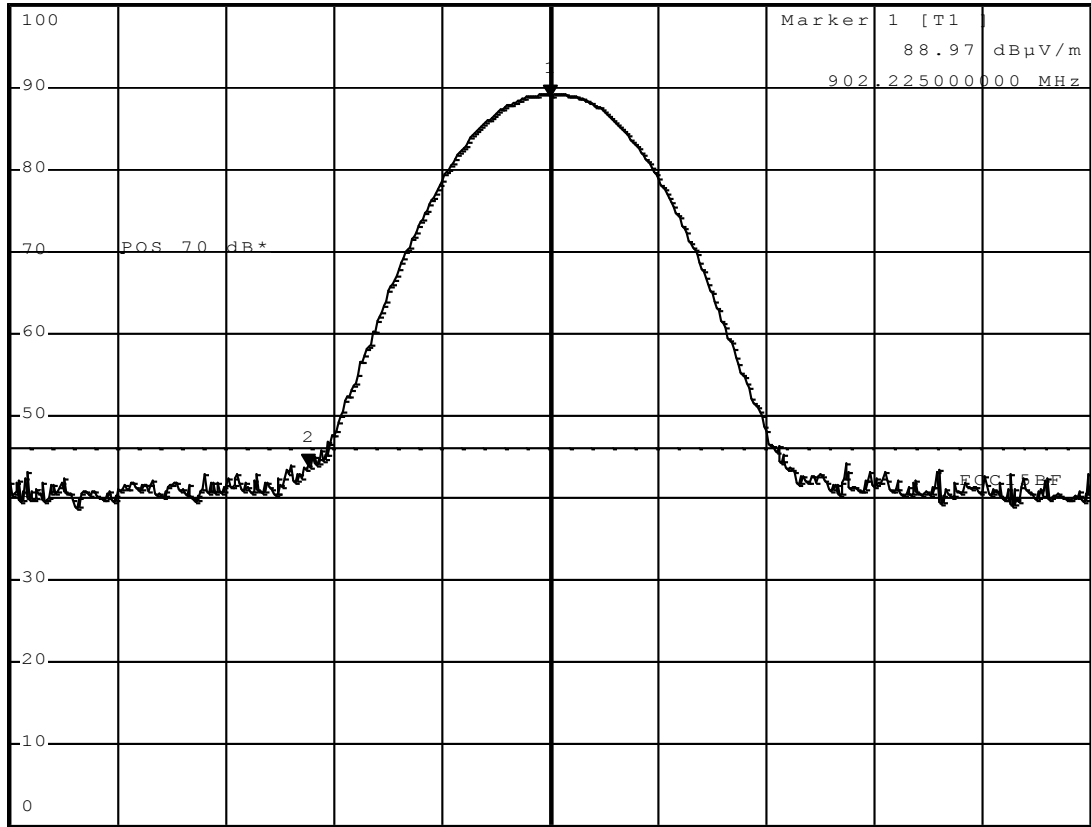
### G11103112A



\*RBW 100 kHz    Marker 2 [T1 ]  
VBW 300 kHz        43.97 dB $\mu$ V/m  
SWT 2.5 ms        902.000000000 MHz

Ref 70 dB $\mu$ V/m        \*Att 10 dB

1 PK  
VIEW



Center 902.225 MHz        100 kHz/        Span 1 MHz

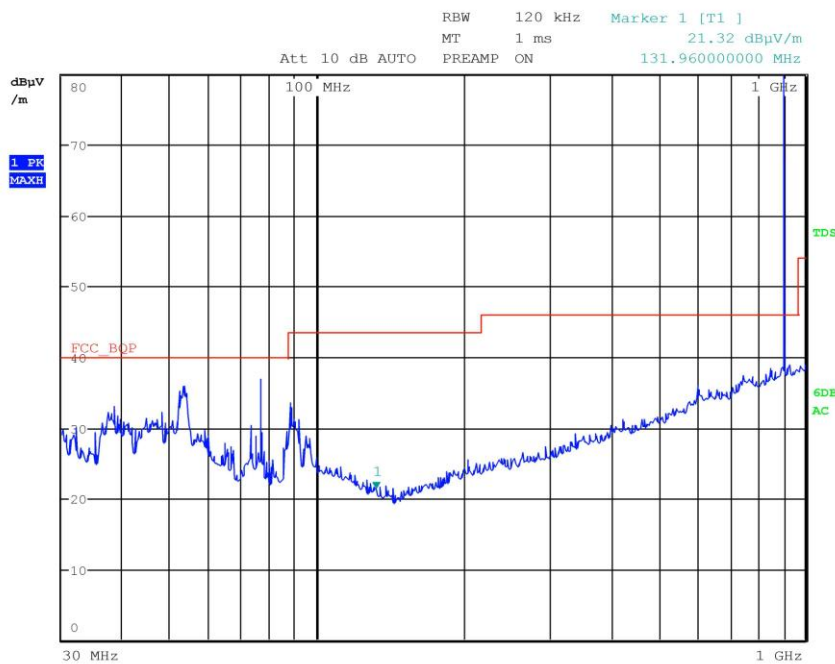
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G11103114

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX CH MIN  
**Operator** Bertezolo 11103114  
**Test Spec**  
Vert



**Final Measurement**

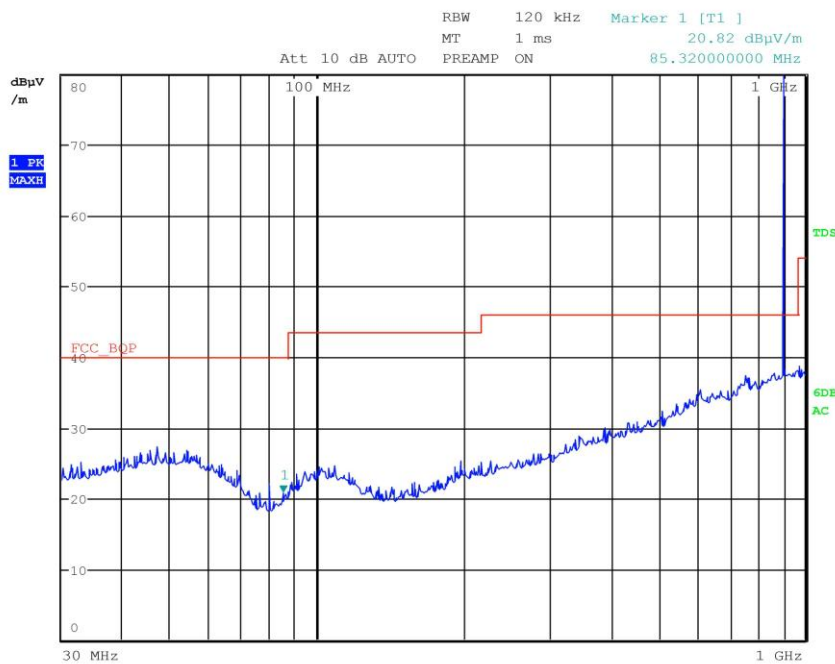
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

CMC Centro Misure Compatibilità S.r.l.



## G11103115

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX CH MIN  
**Operator** Bertezolo 11103115  
**Test Spec**  
Horiz



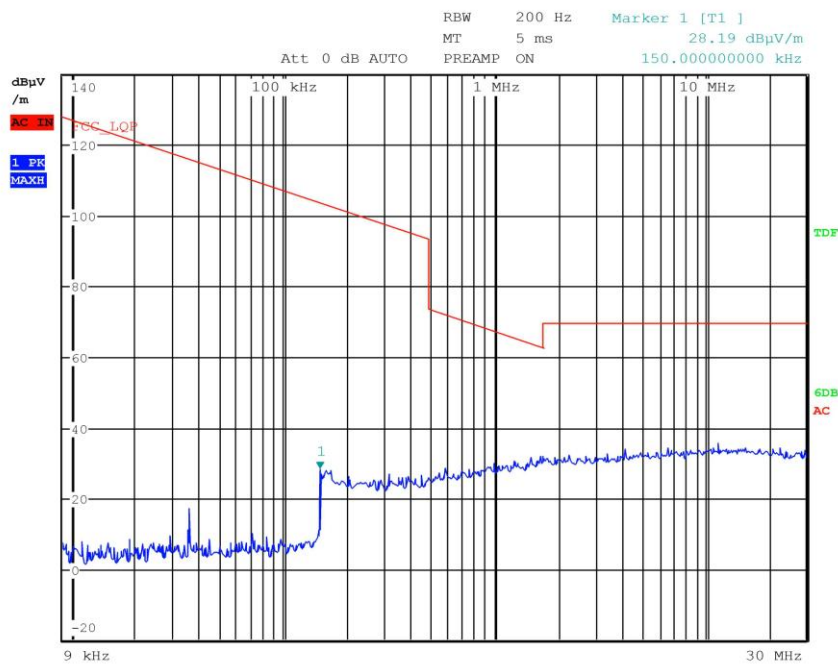
### Final Measurement

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



## G11103116

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX CH MIN  
**Operator** Bertezolo 11103116  
**Test Spec**  
Loop



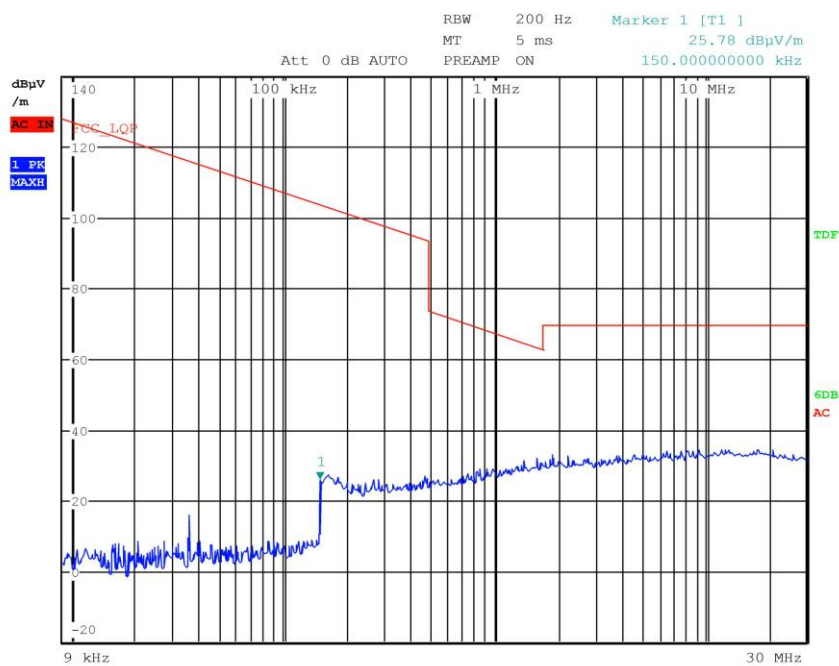
### Final Measurement

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



## G11103117

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX CH MED  
**Operator** Bertezolo 11103117  
**Test Spec**  
Loop



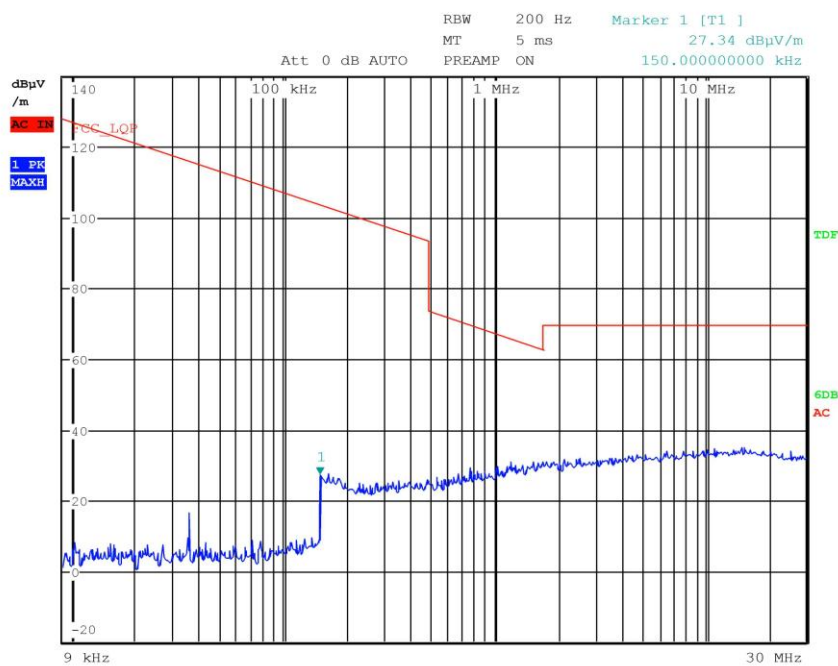
### Final Measurement

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



## G11103118

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX CH MAX  
**Operator** Bertezolo 11103118  
**Test Spec**  
Loop



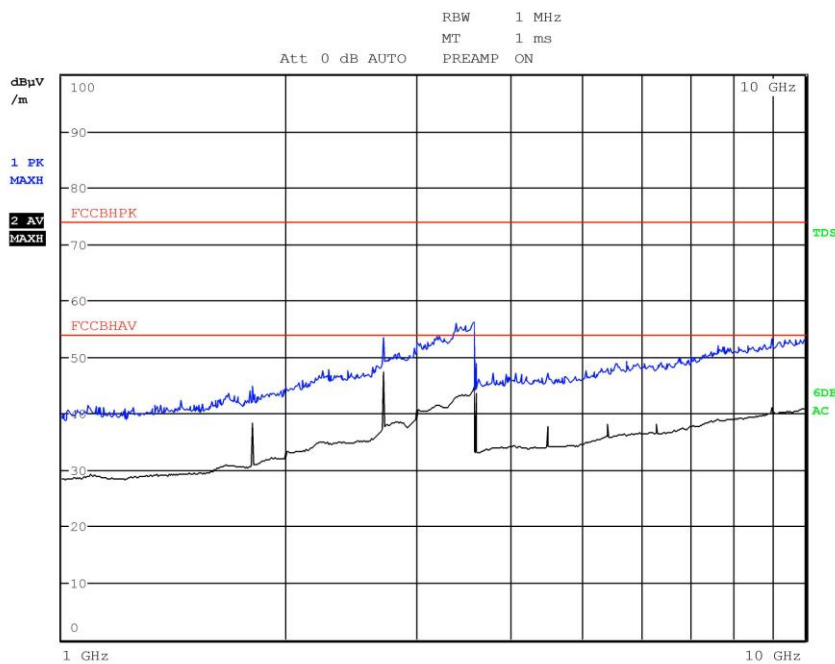
### Final Measurement

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



## G11103119

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX CH MIN  
**Operator** Bertezolo 11103119  
**Test Spec**  
Horiz



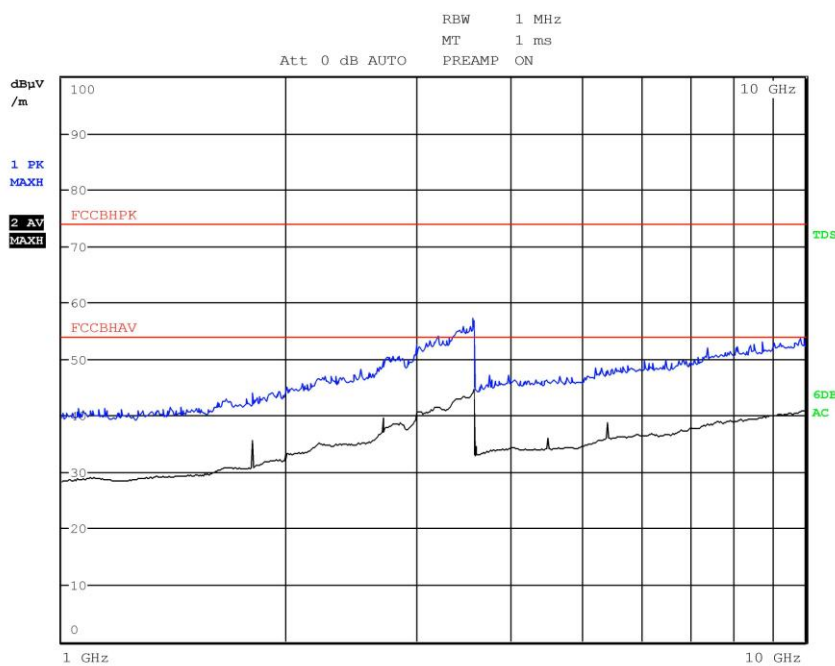
### Final Measurement

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



## G11103120

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX CH MIN  
**Operator** Bertezolo 11103120  
**Test Spec**  
Vert



### Final Measurement

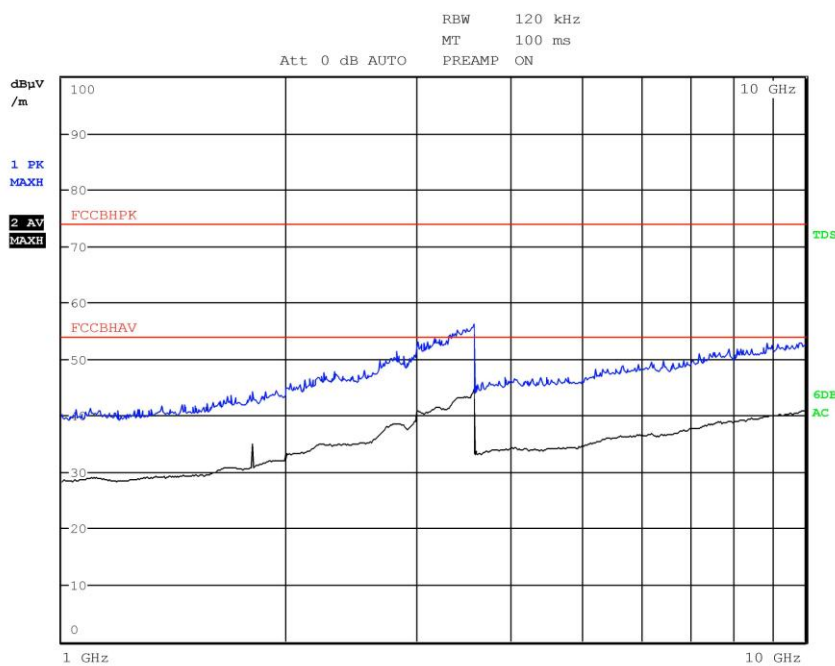
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0





## G11103121

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** RX CH MIN  
**Operator** Bertezolo 11103121  
**Test Spec**  
Vert



### Final Measurement

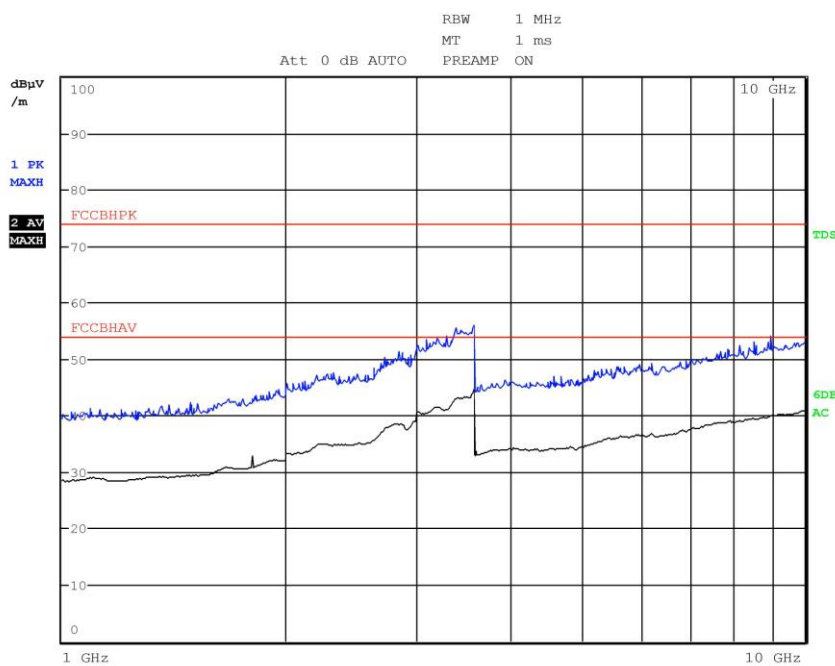
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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## G11103122

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** RX CH MIN  
**Operator** Bertezolo 11103122  
**Test Spec**  
Horiz



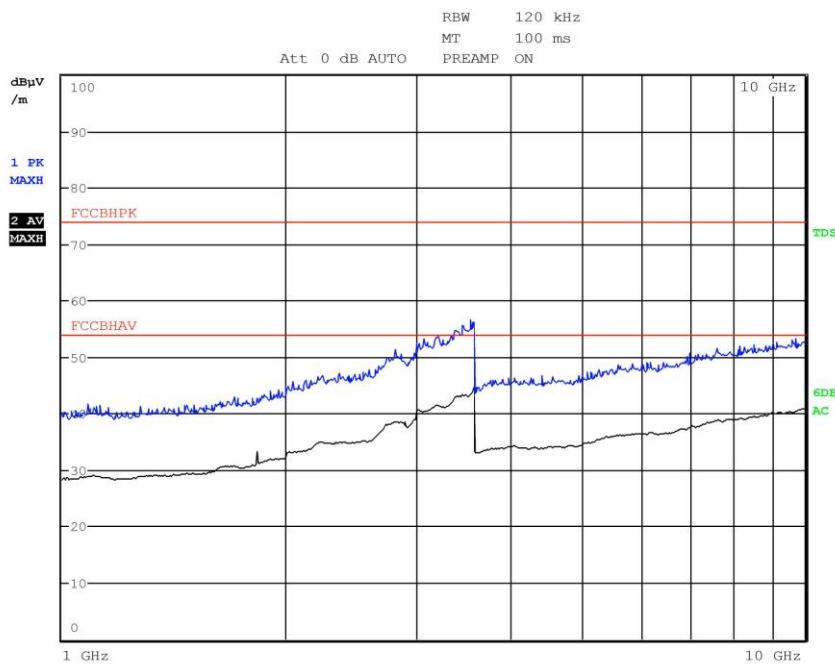
### Final Measurement

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



G11103123

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** RX CH MED  
**Operator** Bertezolo 11103123  
**Test Spec**  
Vert



**Final Measurement**

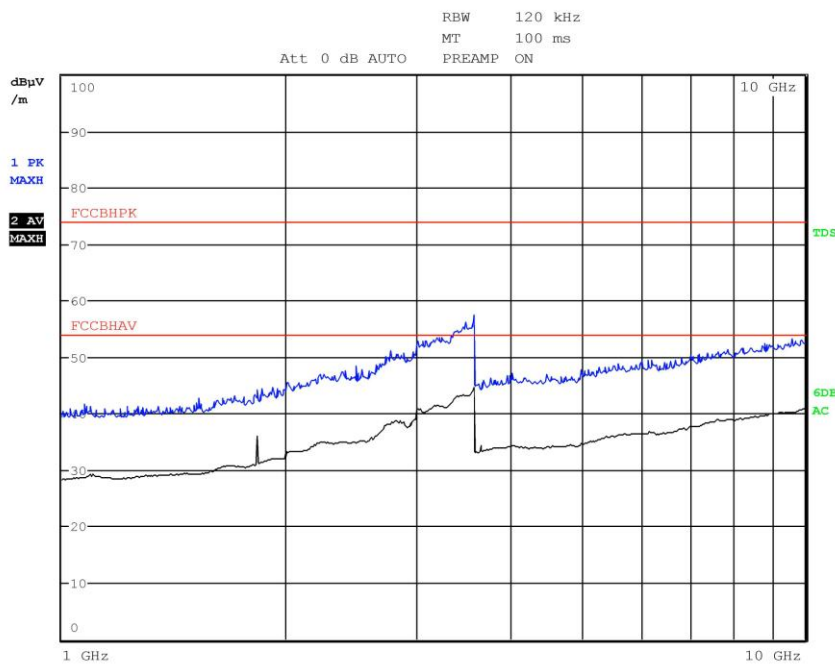
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G11103124

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** RX CH MED  
**Operator** Bertezolo 11103124  
**Test Spec**  
Horiz



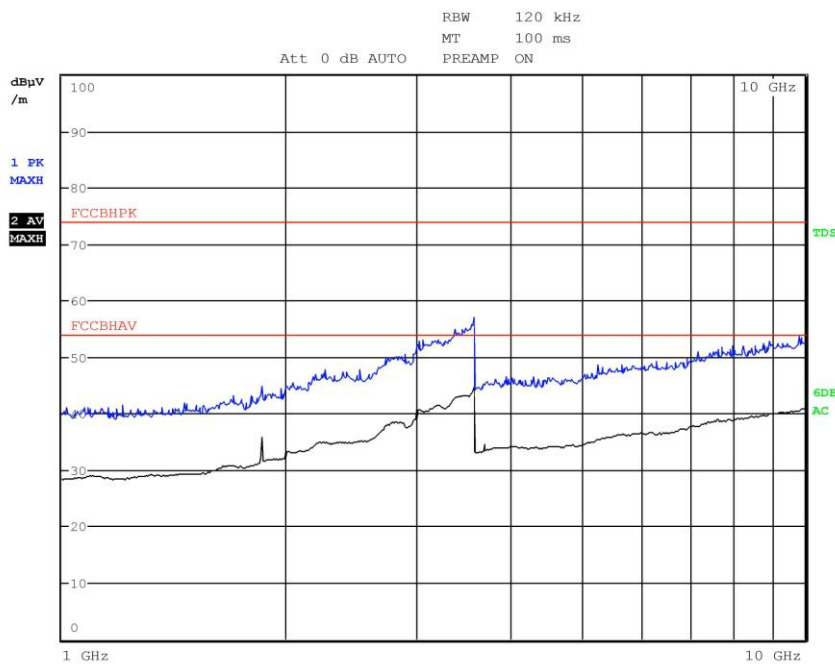
### Final Measurement

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



## G11103125

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** RX CH MAX  
**Operator** Bertezolo 11103125  
**Test Spec**  
Horiz



### Final Measurement

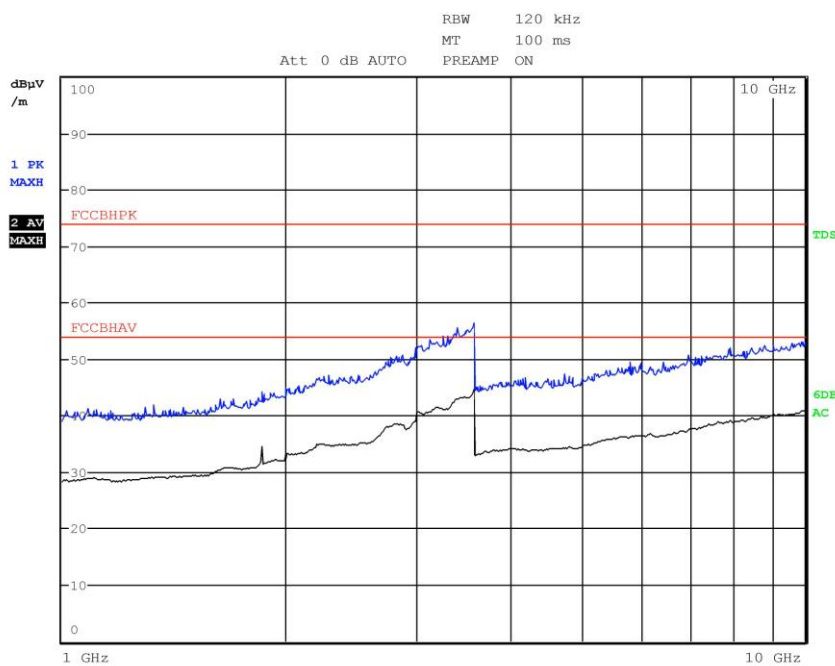
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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## G11103126

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** RX CH MAX  
**Operator** Bertezolo 11103126  
**Test Spec**  
Vert



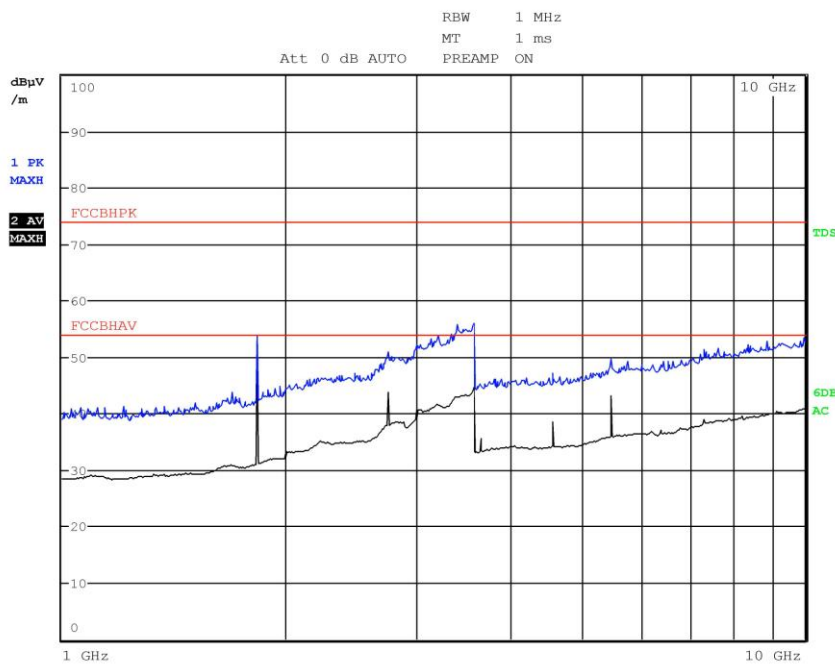
### Final Measurement

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



G11103127

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX CH MED  
**Operator** Bertezolo 11103127  
**Test Spec**  
Vert



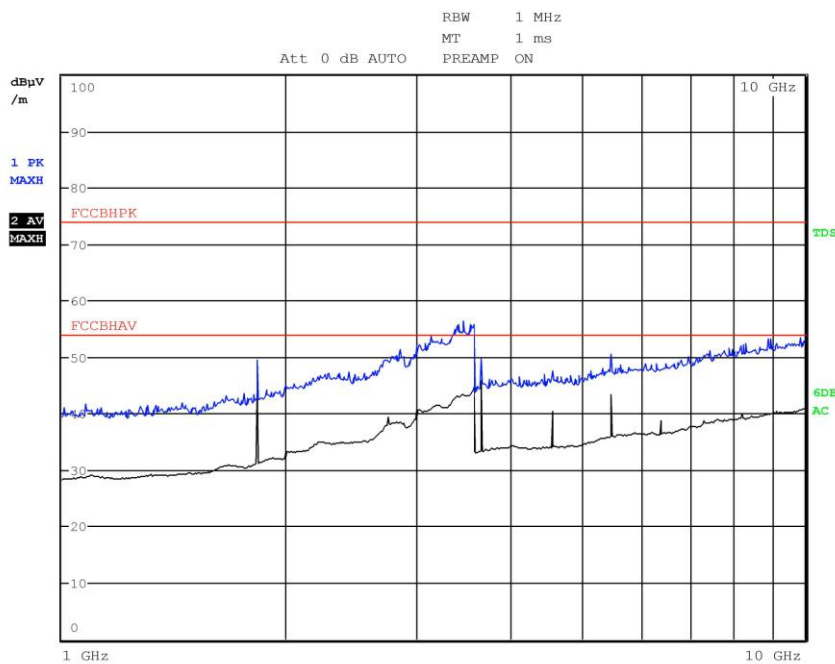
### Final Measurement

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



G11103128

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX CH MED  
**Operator** Bertezolo 11103128  
**Test Spec**  
Horiz



**Final Measurement**

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

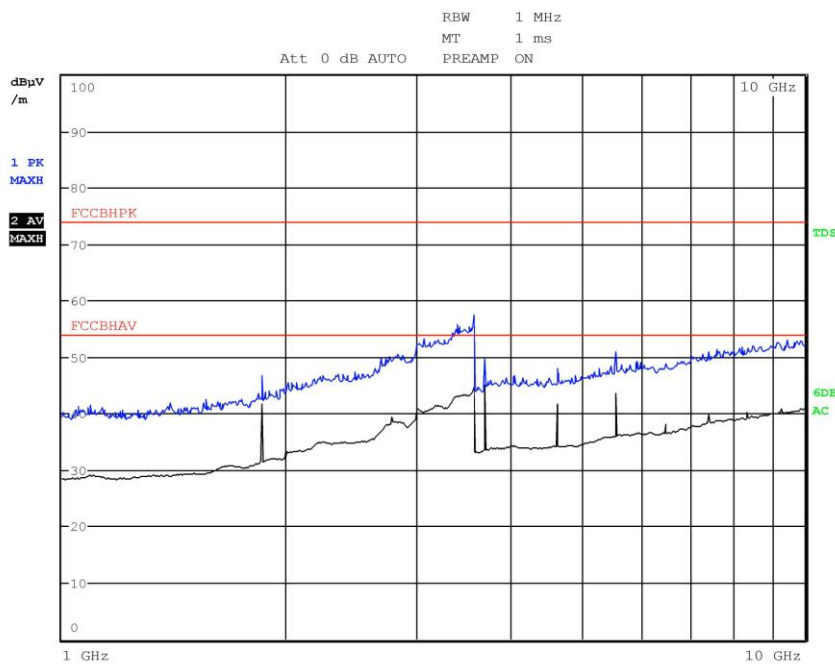
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G11103129

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX CH MAX  
**Operator** Bertezolo 11103129  
**Test Spec**  
Horiz



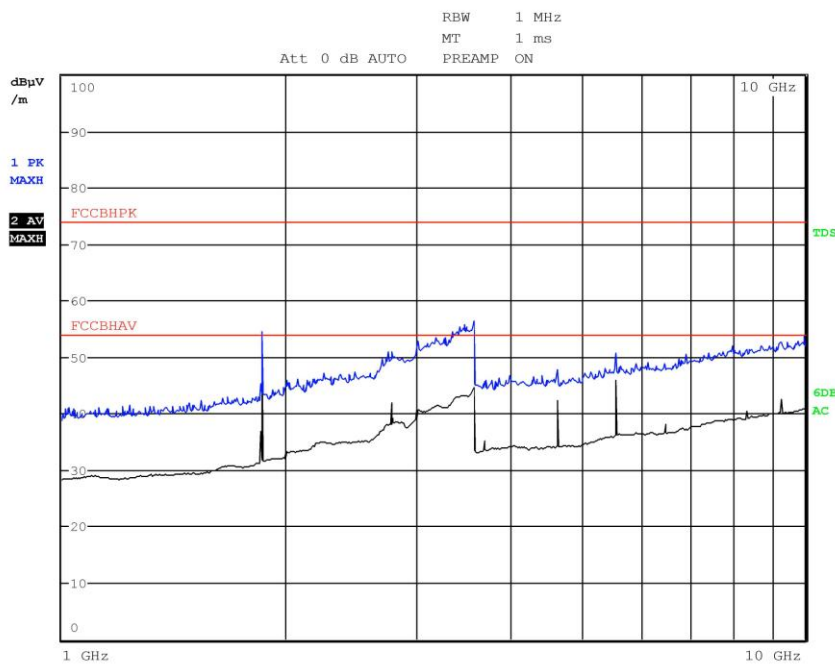
### Final Measurement

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



## G11103130

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX CH MAX  
**Operator** Bertezolo 11103130  
**Test Spec**  
Vert



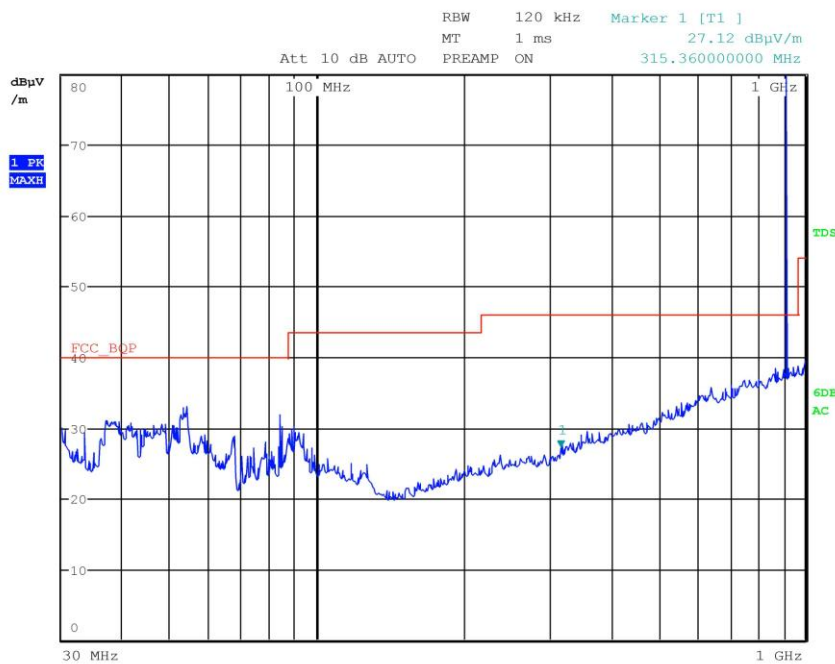
### Final Measurement

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



## G11103131

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX CH MED  
**Operator** Bertezolo 11103131  
**Test Spec**  
Vert



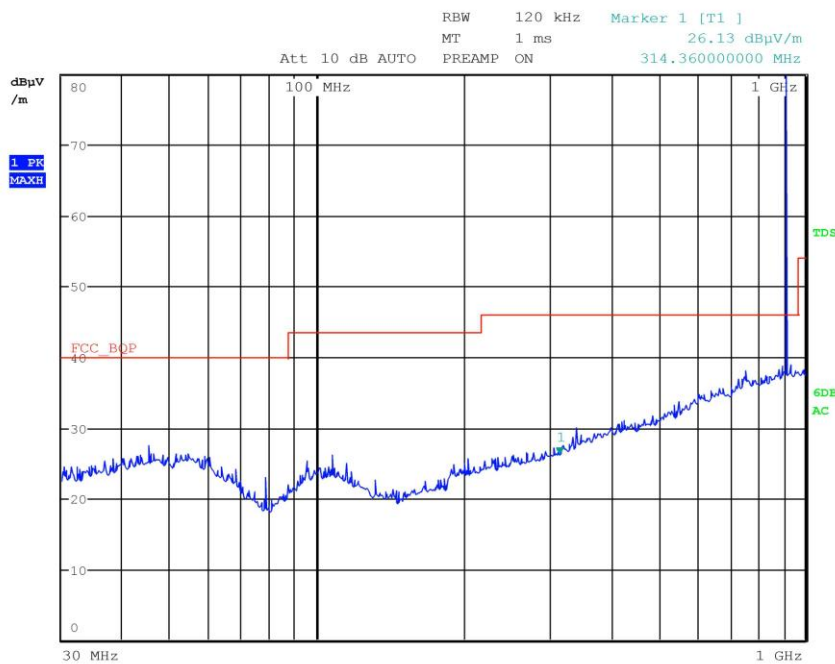
### Final Measurement

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



G11103132

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX CH MED  
**Operator** Bertezolo 11103132  
**Test Spec**  
Horiz



**Final Measurement**

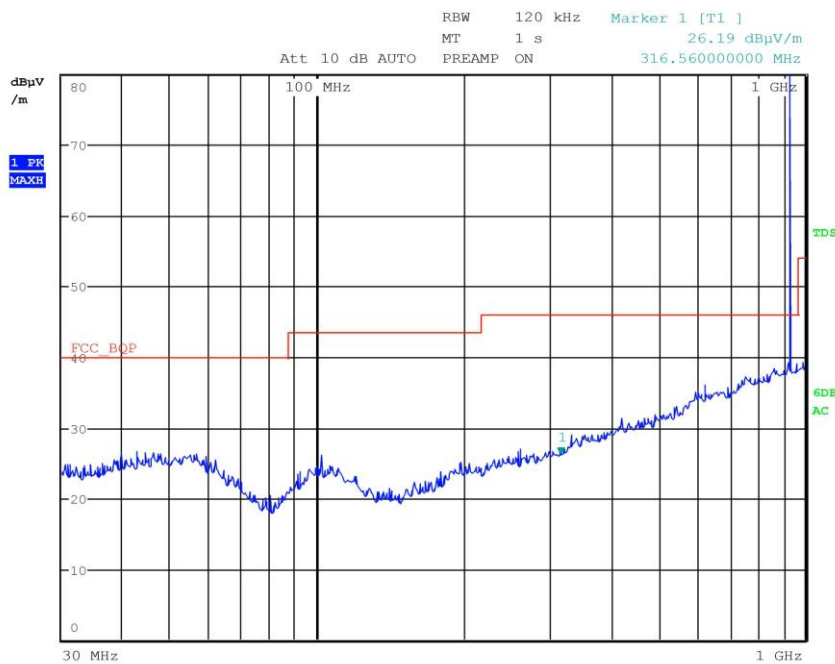
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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## G11103133

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX CH MAX  
**Operator** Bertezolo 11103133  
**Test Spec**  
Horiz



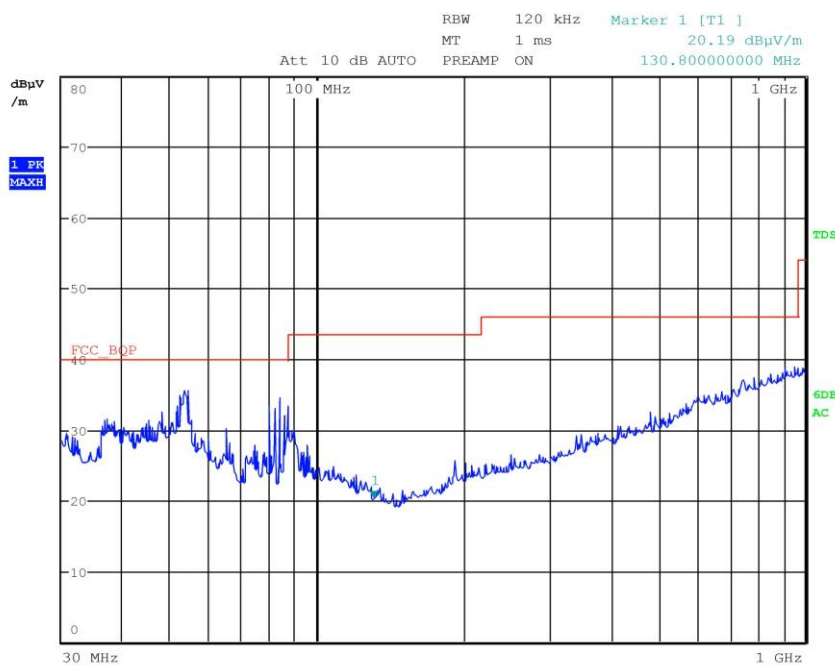
### Final Measurement

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



G11103134

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** RX CH MIN  
**Operator** Bertezolo 11103135  
**Test Spec**  
Vert



**Final Measurement**

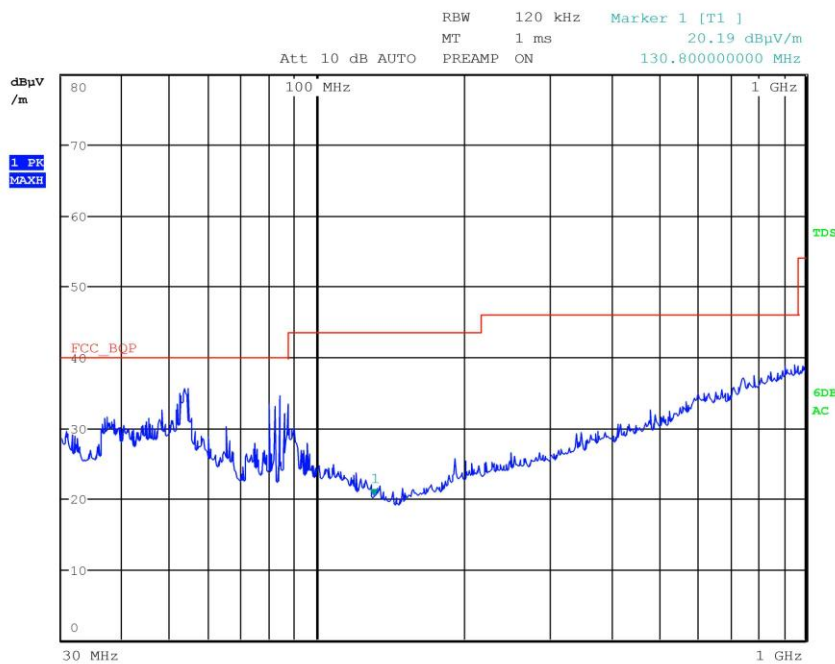
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G11103135

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** RX CH MIN  
**Operator** Bertezolo 11103135  
**Test Spec**  
Vert



**Final Measurement**

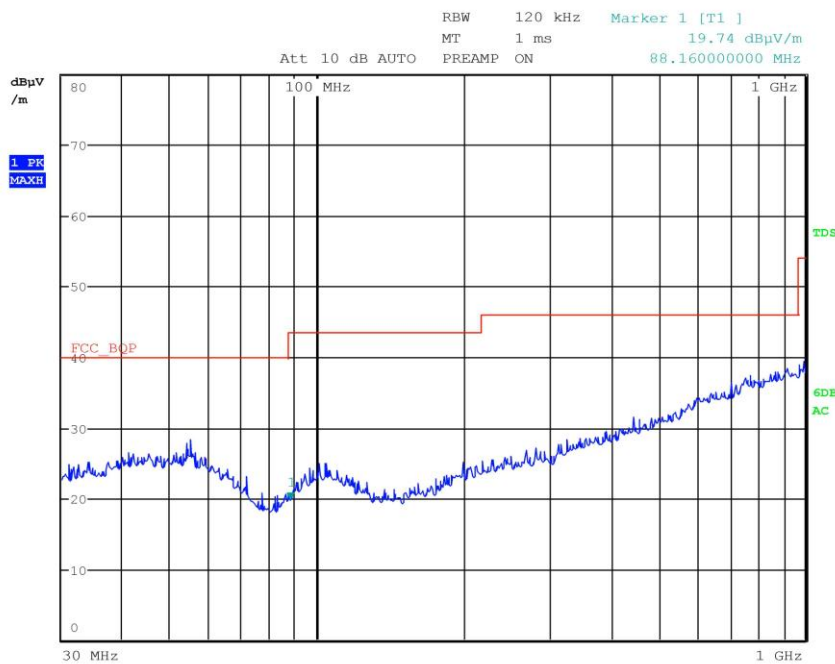
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G11103136

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** RX CH MIN  
**Operator** Bertezolo 11103136  
**Test Spec**  
Horiz



**Final Measurement**

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

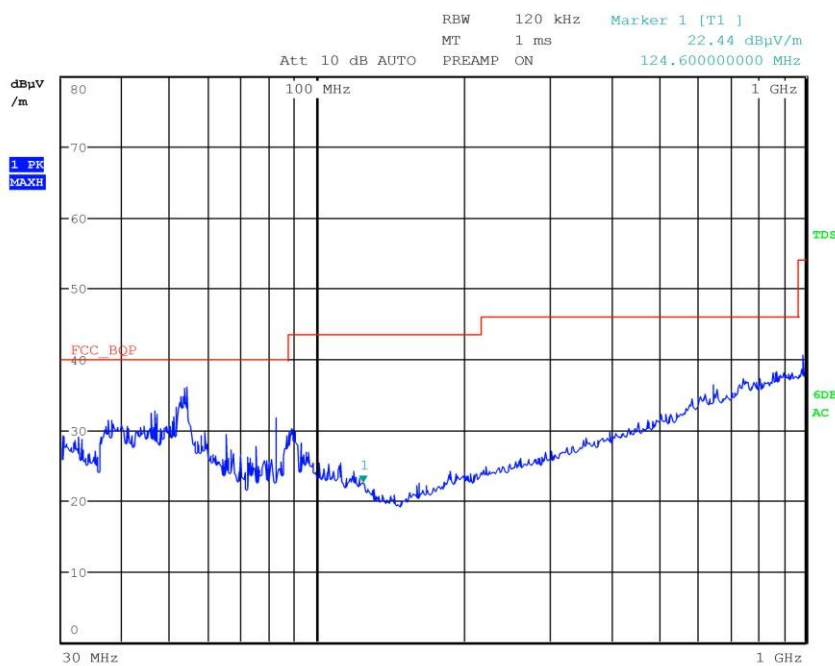
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G11103137

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** RX CH MED  
**Operator** Bertezolo 11103137  
**Test Spec**  
Vert



**Final Measurement**

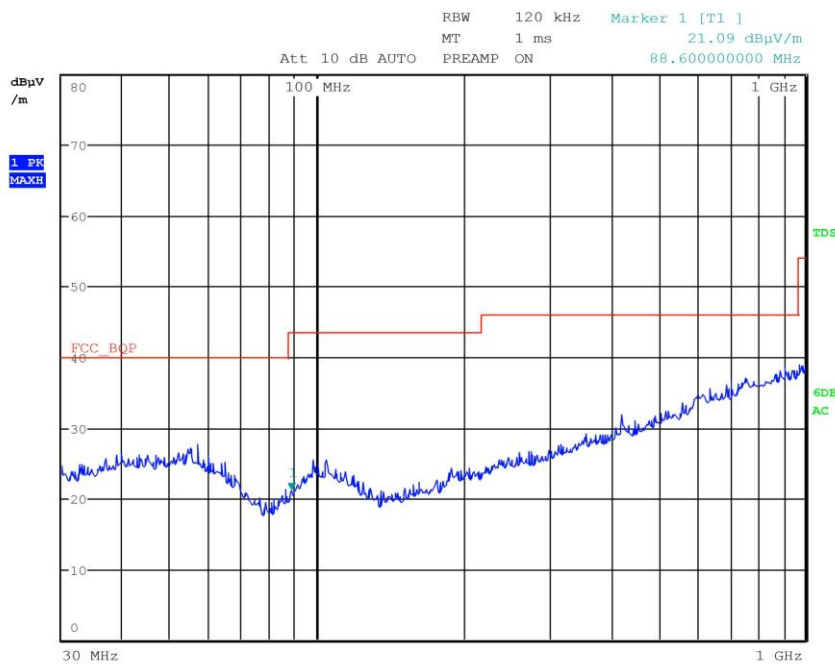
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G11103138

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** RX CH MED  
**Operator** Bertezolo 11103138  
**Test Spec**  
Horiz



**Final Measurement**

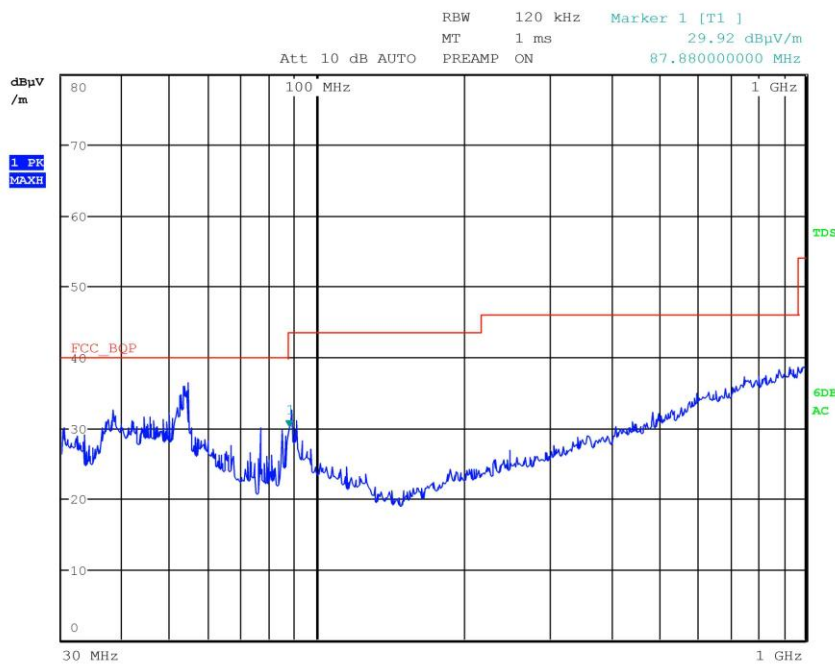
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G11103139

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** RX CH MAX  
**Operator** Bertezolo 11103139  
**Test Spec**  
Vert



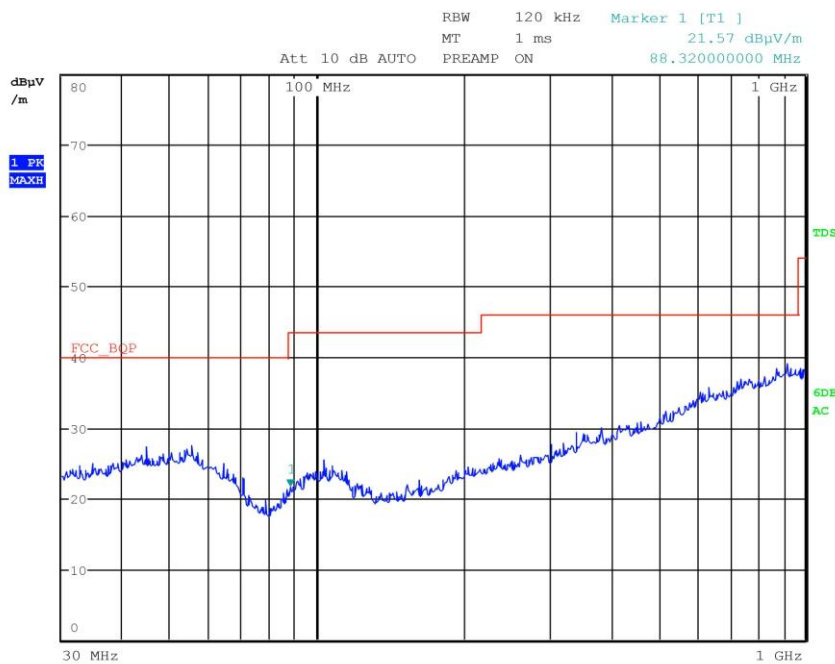
**Final Measurement**

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



## G11103140

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** RX CH MAX  
**Operator** Bertezolo 11103140  
**Test Spec**  
Horiz



### Final Measurement

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

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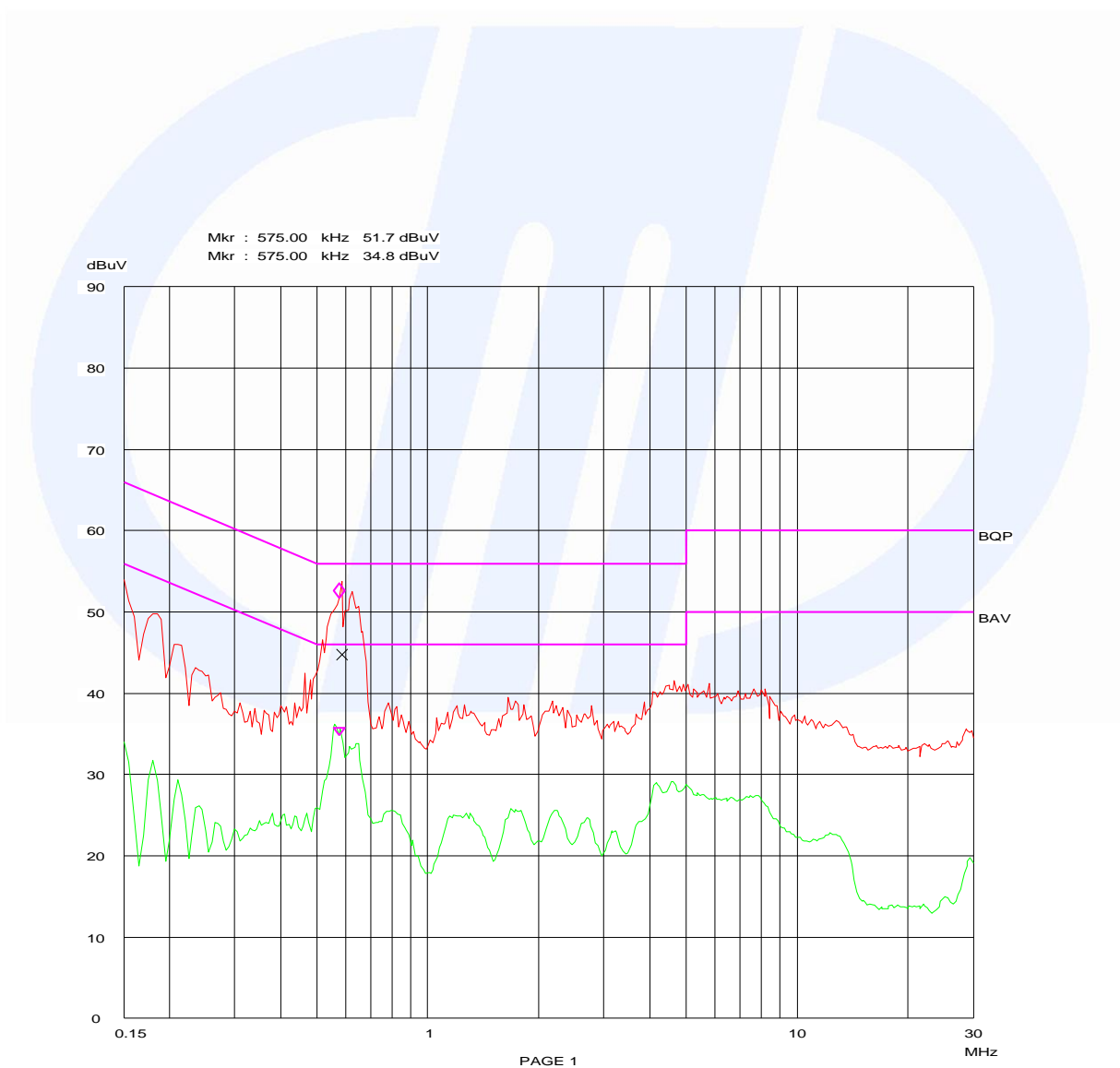


G11103141

CMC Centro misure compatibilita srl

Emission 0.15-30MHz

Op Cond: TX  
Operator: Bert. 11103141  
Test Spec: N(110V)



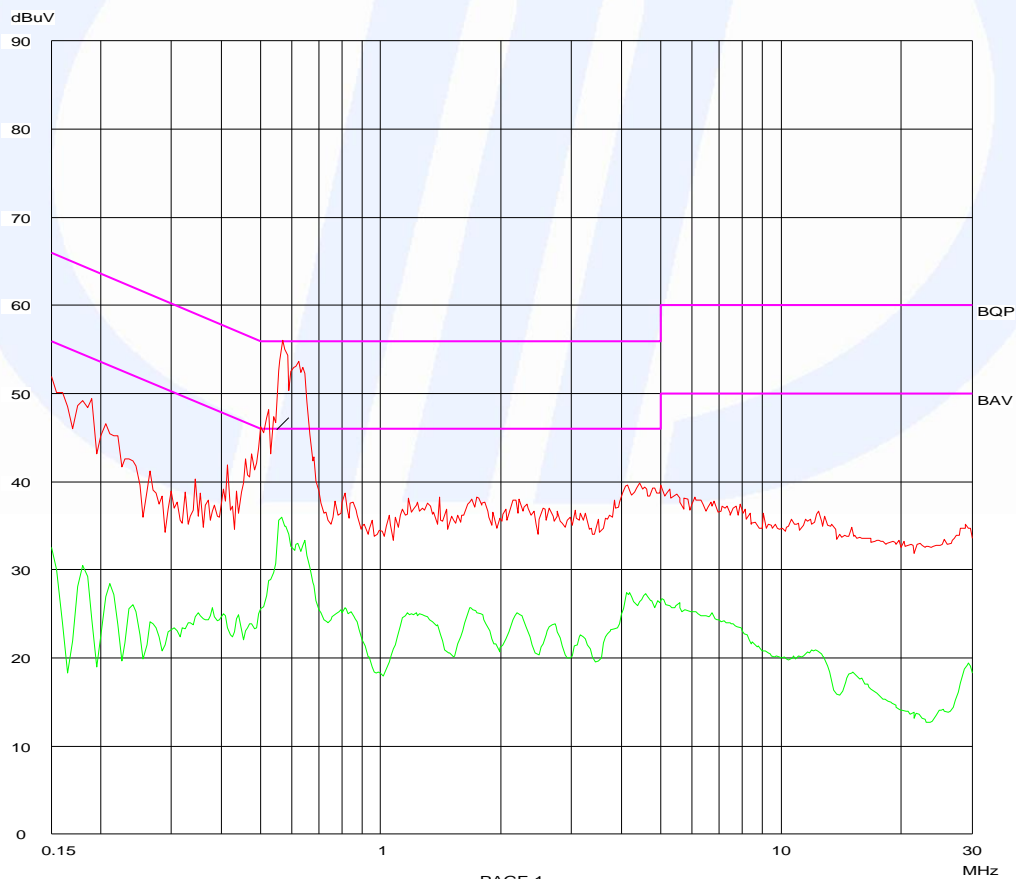


G11103142

CMC Centro misure compatibilita srl

Emission 0.15-30MHz

Op Cond: TX  
Operator: Bert. 11103142  
Test Spec: L(110V)

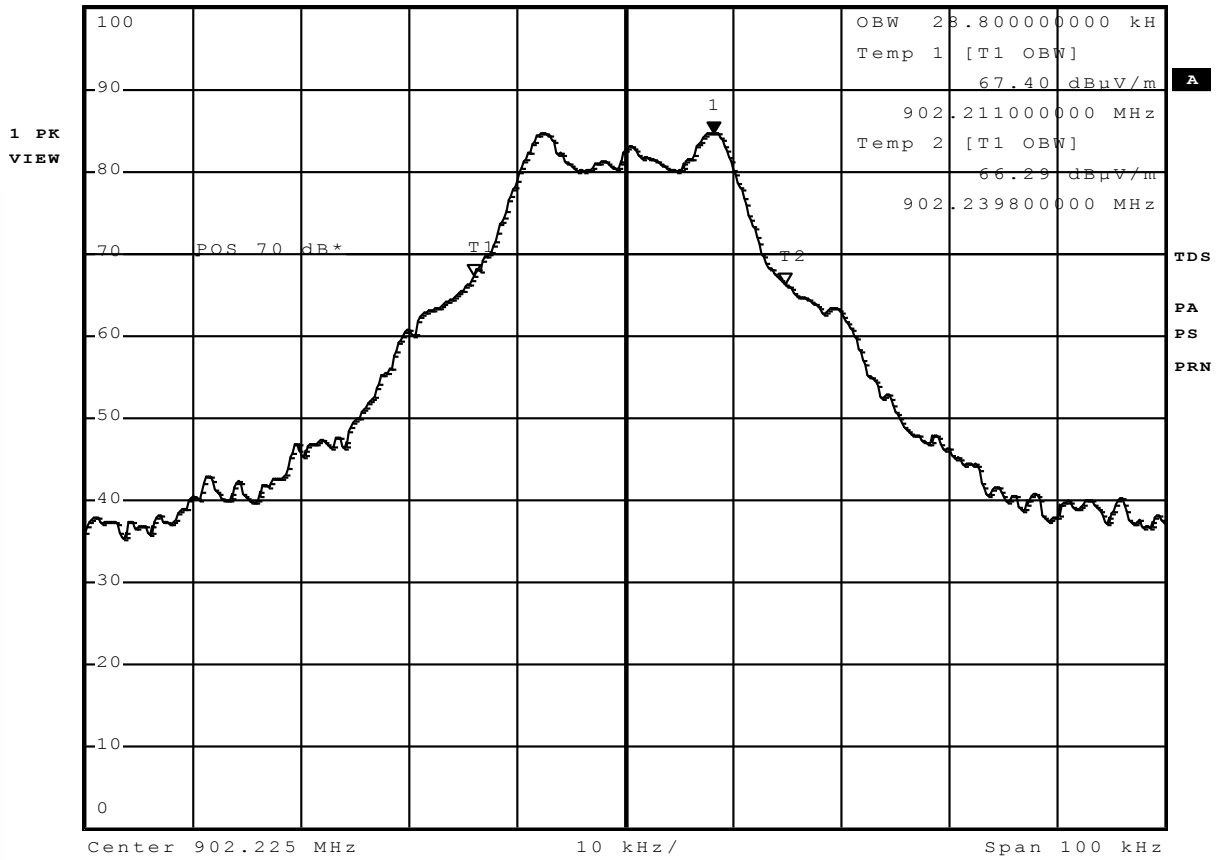




G111031A1A



\*RBW 3 kHz      Marker 1 [T1 ]  
 VBW 10 kHz      84.71 dBµV/m  
 Ref 70 dBµV/m    \*Att 10 dB      SWT 15 ms      902.233200000 MHz



CMC Centro Misure Compatibilità S.r.l.



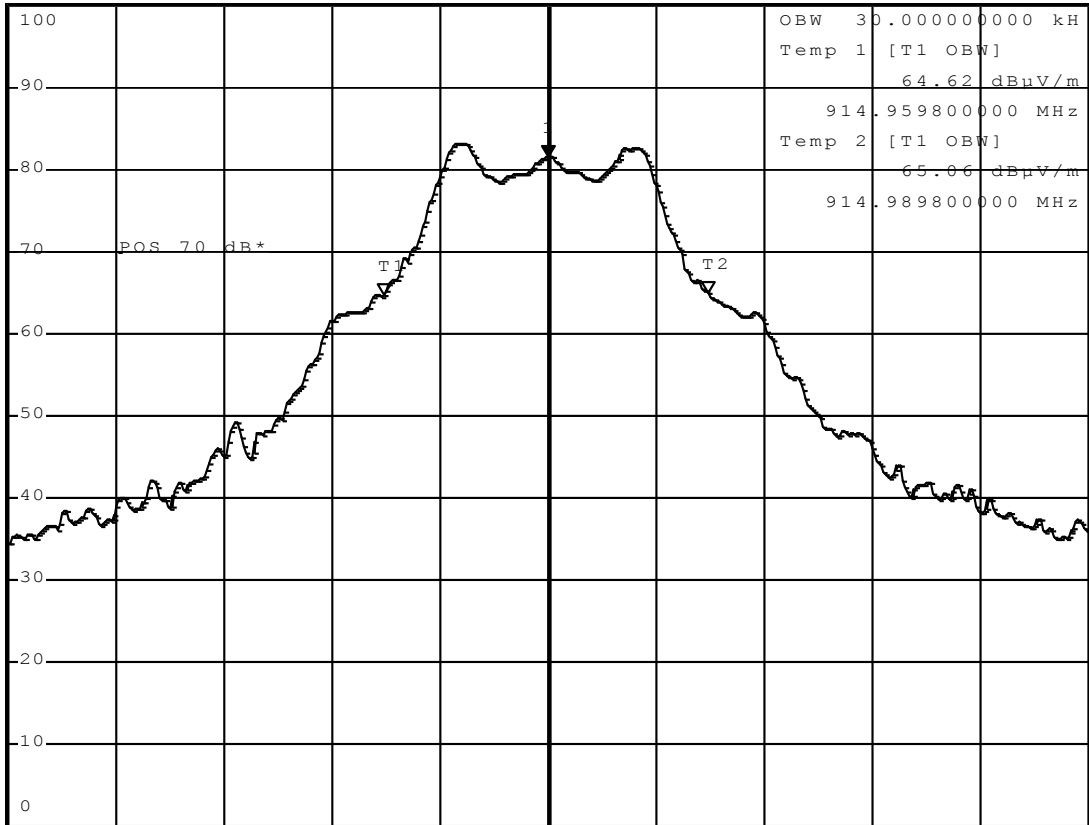
### G111031A2A



\*RBW 3 kHz      Marker 1 [T1 ]  
VBW 10 kHz      81.57 dBμV/m  
SWT 15 ms      914.975000000 MHz

Ref 70 dBμV/m      \*Att 10 dB

1 PK  
VIEW



Center 914.975 MHz      10 kHz/      Span 100 kHz

CMC Centro Misure Compatibilità S.r.l.





G111031A3A

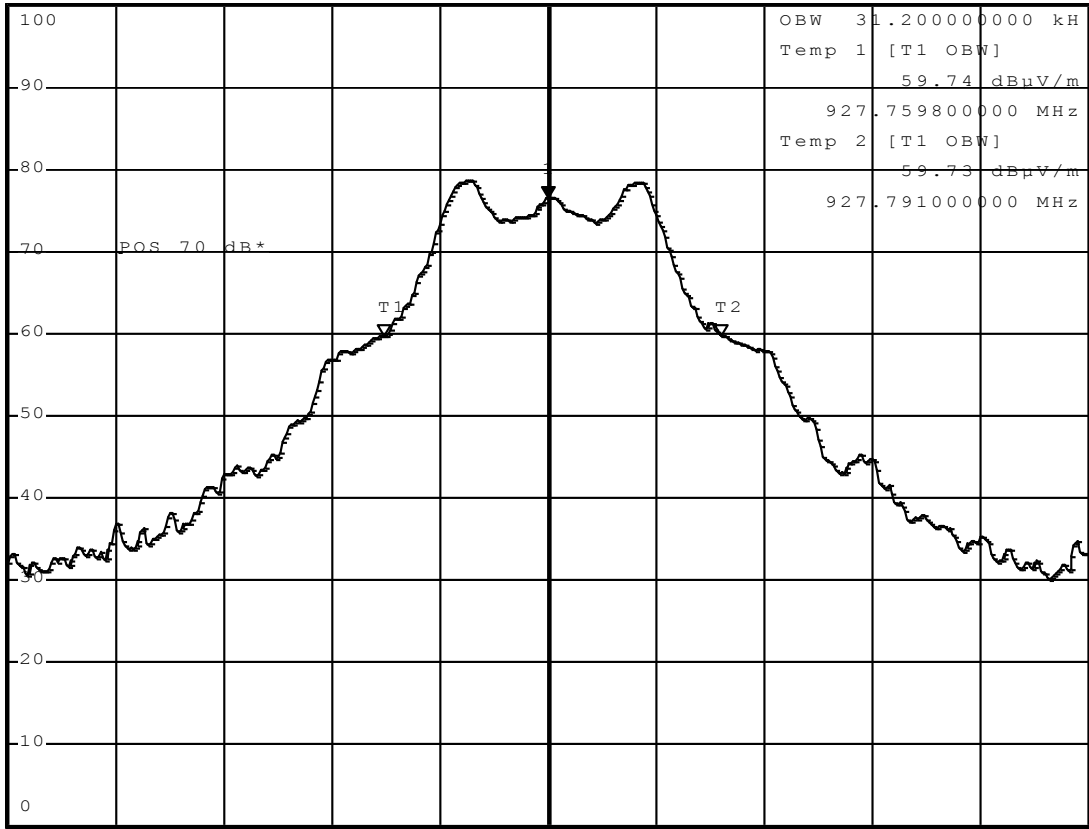


\*RBW 3 kHz      Marker 1 [T1 ]  
 VBW 10 kHz      76.47 dBμV/m  
 SWT 15 ms      927.775000000 MHz

Ref 70 dBμV/m

\*Att 10 dB

1 PK  
 VIEW



Center 927.775 MHz

10 kHz/

Span 100 kHz

CMC Centro Misure Compatibilità S.r.l.