



**TEST REPORT nr. R14035001**  
**Federal Communication Commission (FCC)**  
**Industry Canada (IC)**

**Test item**

Description.....: Transceiver unit  
Trademark.....: AUTEK  
Model/Type .....: Model: AJM  
Type: DA0BM

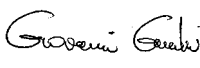

**Test Specification**

Standard .....: FCC Rules & Regulations, Title 47:2013  
Part 15 paragraph(s): 203, 204, 207, 209 and 249  
RSS-210 (2010)

**Client's name** .....: AUTEK S.r.l.  
Address .....: Via Pomaroli, 65 – 36030 Caldogno (VI) – ITALY

**Manufacturer's name** : Same as client  
Address .....: --

**Report**

Tested by .....: G. Gandini – *Technician*   
Approved by .....: R. Beghetto – *Laboratory Manager*   
Date of issue .....: 19.06.14  
Contents.....: 49 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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## 1. Summary

### Standard:

FCC Rules & Regulations, Title 47:2013  
Part 15 paragraph(s): 203, 204, 207, 209 and 249  
RSS-210 (2010) – Annex 2 (A2.9)

Test specifications	Environmental Phenomena	Tests sequence	Result
Part 15.203 IC – RSS-210	Antenna requirements	1	Complies
Part 15.207 IC – RSS-210 – Annex 2 (A2.9)	Conducted emissions	--	N.A. (+)
Part 15.209 IC – RSS-210 – Annex 2 (A2.9)	Radiated emissions	2	Complies
IC – RSS-210 – Annex 2 (A2.9)	Occupied bandwidth (99% BW)	3	Complies
Part 15.209 and 15.249 IC – RSS-210 – Annex 2 (A2.9)	Peak Output Power	4	Complies
Part 15.249 (d) IC – RSS-210 – Annex 2 (A2.9)	Band edge	5	Complies
Part 15.209 IC – RSS-210 – Annex 2 (A2.9)	Spurious emission	6	Complies

(+) Devices which only employ battery power. See FCC Part 15.207 (c)

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





## 5. Photograph(s) of EUT

### 5.1 Photograph(s) of EUT





## 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 '14	January '15
CMC S108	EMCO	3115	Horn Antenna	9811-5622	May '13	May '16
CMC S127	Schaffner	HLA6120	Loop Antenna	1191	January '13	January '16
CMC S136	Schwarzbeck	VULB 9163	Broadband Antenna	9136-205	May '13	May '16
CMC S164	Rohde & Schwarz	ESU26	EMC interference receiver	100052	January '14	January '15
CMC S200	Schwarzbeck	NSLK 8128	V-LISN	8128-273	January '14	January '15
CMC S227	Rohde & Schwarz	ESR7	EMI Test Receiver 7GHz	101121	January '14	January '15



## 7. Measurement uncertainty

Test	Expanded Uncertainty	note
<b>Conducted Emission</b>		
(50Ω/50μH AMN) - (9 kHz – 150 kHz)	±3.8 dB	1
(50Ω/50μH AMN) - (150 kHz – 30 MHz)	±3.3 dB	1
(Voltage probe) - (150 kHz – 30 MHz)	±3.3 dB	1
(50Ω/5μH AMN) - (150 kHz – 108 MHz)	±2.8 dB	1
<b>DiscontinuousConducted Emission</b>		
Conducted Emission (50Ω/50μH AMN) - (150 kHz – 30 MHz)	±3.3 dB	1
<b>Disturbance Power (30 MHz – 300 MHz)</b>		
	±3.9 dB	1
<b>Radiated Emission</b>		
(0,150 MHz – 30 MHz)	±4.3 dB	1
(30 MHz – 1000 MHz)	±4.4 dB	1
(1 GHz – 6 GHz)	±4.6 dB	1
<b>Electromagnetic field EMF</b>		
	±15.0 %	1
<b>Harmonic current emissions test</b>		
	±2.7 %	1
<b>Voltage fluctuation and flicker test</b>		
	±2.9 %	1
<b>Insertion loss test</b>		
	±2.7 dB	1
<b>Radiated electromagnetic disturbance test (loop antenna)</b>		
	±2.7 dB	1
<b>Radiated electromagnetic field immunity test</b>		
	0.77 V/m at 3V/m	1
<b>Pulse modulated radiated electromagnetic field immunity test</b>		
	0.77 V/m at 3V/m	1
<b>Injected currents immunity test</b>		
	0.48 V at 3V	1
<b>Bulk current</b>		
	5.3 mA at 60 mA	1
<b>Power frequency magnetic field immunity test</b>		
	0.1 A/m at 10 A/m	1
<b>Effective radiated power (F &lt; 1GHz)</b>		
	±4.4 dB	1
<b>Effective radiated power (F &gt; 1GHz)</b>		
	±3.9 dB	1
<b>Frequency error</b>		
	< 1x10 <sup>-7</sup>	1
<b>Modulation bandwidth</b>		
	< 1x10 <sup>-7</sup>	1
<b>Adjacent channel power</b>		
	±2.6 dB	1
<b>Blocking</b>		
	±2.6 dB	1
<b>Electrostatic discharge immunity test</b>		
		2
<b>Electrical fast transients / burst immunity test</b>		
		2
<b>Surge immunity test</b>		
		2
<b>Pulse magnetic field immunity test</b>		
		2
<b>Damped oscillatory magnetic field immunity test</b>		
		2
<b>Short interruption immunity test</b>		
		2
<b>Voltage transient emission test</b>		
	±2.2 %	1
<b>Transient immunity test</b>		
		2

### Notes

#### 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 15:2013 RSS-210 Issue 8 – December 2010	--
ANSI C63.4: 2003	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
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.

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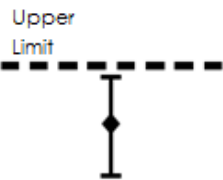
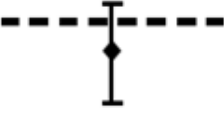
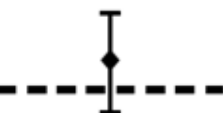



## 11. Results

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
			
<p>The sample is Complies.</p> <p>The measurement results is within the specification limit when the measurement uncertainty is taken into account.</p>	<p>The sample is Complies.</p> <p>It is not possible to state compliance using a 95% coverage probability for the expanded uncertainty although the measurement result is below the limit.</p>	<p>The sample is Not Complies.</p> <p>It is not possible to state compliance using a 95% coverage probability for the expanded uncertainty also the measurement result is upper the limit.</p>	<p>The sample is Not Complies.</p> <p>The measurement results is outside the specification limit when the measurement uncertainty is taken into account.</p>

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
- RSS-210
- Internal procedure PM001
- See clause 4 of this test report

### Test configuration and test method

*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 (%)
20	99	48

### Result

Antenna Type	External R.F. power amplifier	Gain	Remarks	Results
Embedded	Not Present	0 dBi	--	Complies

**Result:** The requirements are met



## 11.2 Radiated emissions

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part. 15.209
- RSS-210
- Internal procedure PM001
- See clause 4 of this test report

### Test configuration and test method

*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  
 Measurement uncertainty: See clause 7 of this test report

### Test specification

Port: Enclosure  
 Frequency range: 0,009 MHz – 1000 MHz  
 Antenna polarization: Horizontal (H) – Vertical (V)  
 EUT – Antenna distance: 3 m

### Environmental conditions

Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
20	98	48

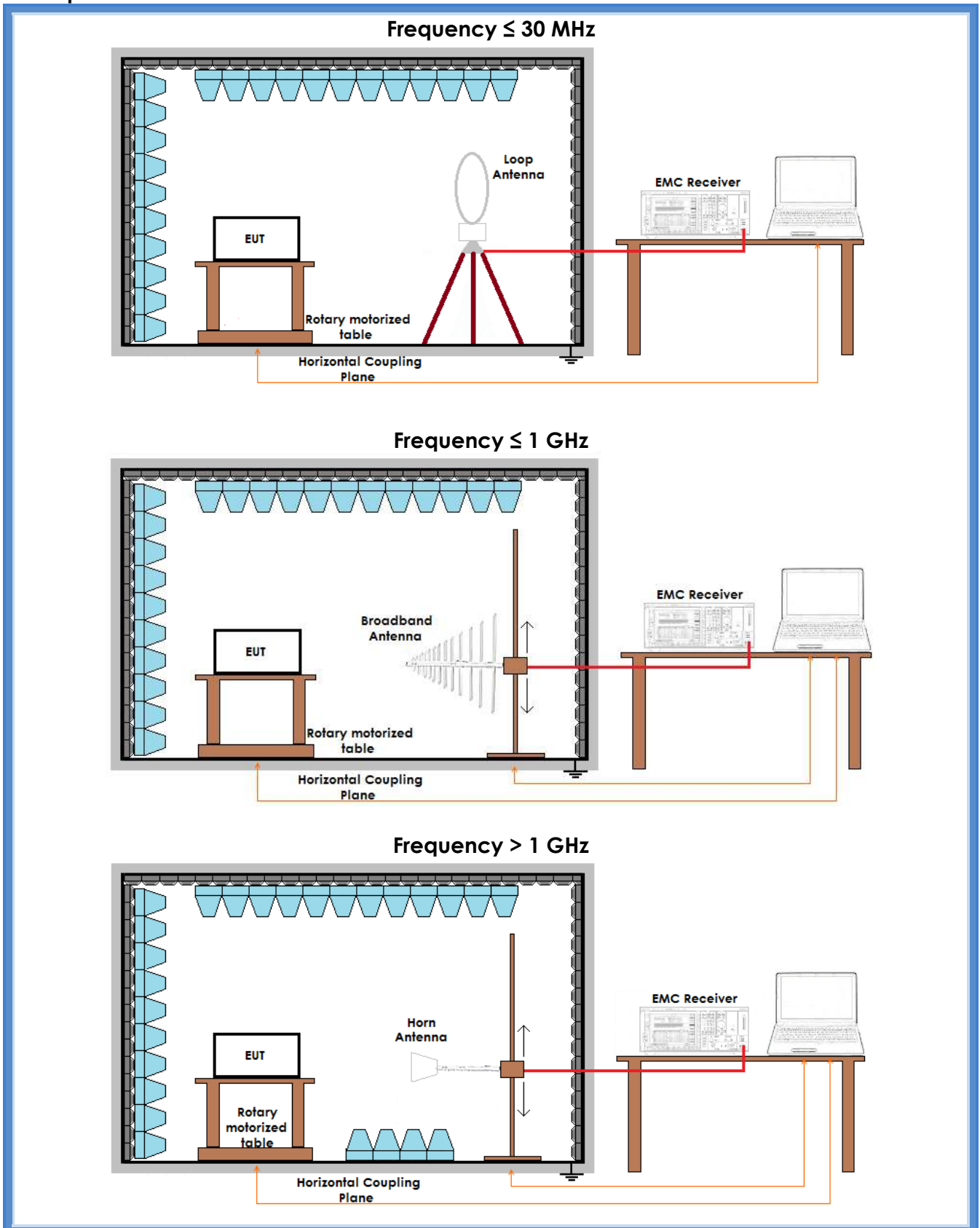
### Acceptance limits

Frequency range (MHz)	Limits [dB(µV/m)]
0,009 to 0,490	128,51 to 93,80
0,490 to 1,705	73,80 to 62,97
1,705 to 30	69,54
30 to 88	40
88 to 216	43,52
216 to 960	46,02
Above 960	53,98

**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



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## Result

Channel	Polarization	Frequency Range (MHz)	Graphs	Remarks	Result
--	Loop	0,009 – 30	G14035026	--	Complies
915,050	H	30 – 1000	G14035015	--	Complies
915,050	V	30 – 1000	G14035016	--	Complies
921,000	H	30 – 1000	G14035014	--	Complies
921,000	V	30 – 1000	G14035013	--	Complies
927,750	H	30 – 1000	G14035018	--	Complies
927,750	V	30 – 1000	G14035017	--	Complies
915,050	H	1000 – 10000	G14035024	--	Complies
915,050	V	1000 – 10000	G14035023	--	Complies
921,000	H	1000 – 10000	G14035021	--	Complies
921,000	V	1000 – 10000	G14035022	--	Complies
927,750	H	1000 – 10000	G14035020	--	Complies
927,750	V	1000 – 10000	G14035019	--	Complies

Remarks: --

### Graphs Legend

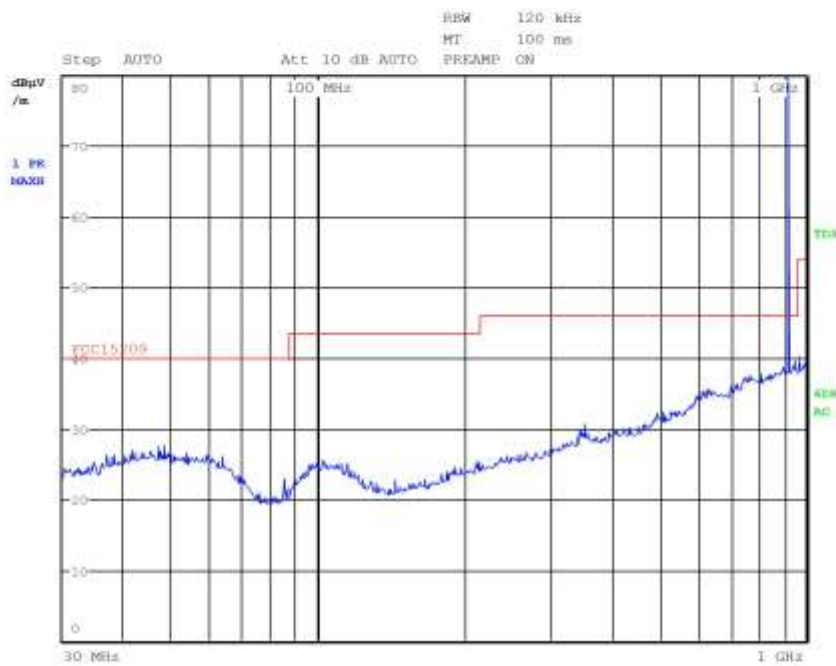
PK: Peak; QP [1s] (quasi-peak at 1 second) values are marked with a +  
AV: Average; AV [1s] (average at 1 second) values are marked with a x



## Graphs

G14035013

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** FMED  
**Operator** Gandini 14035013  
**Test Spec**  
Vert



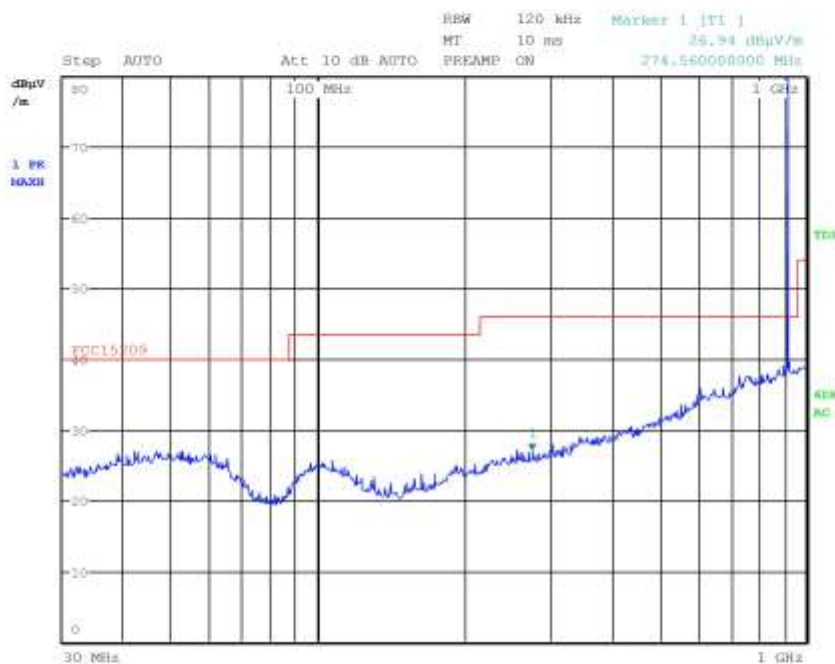
### Final Measurement

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



G14035014

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** FMED  
**Operator** Gandini 14035014  
**Test Spec**  
Horiz



**Final Measurement**

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

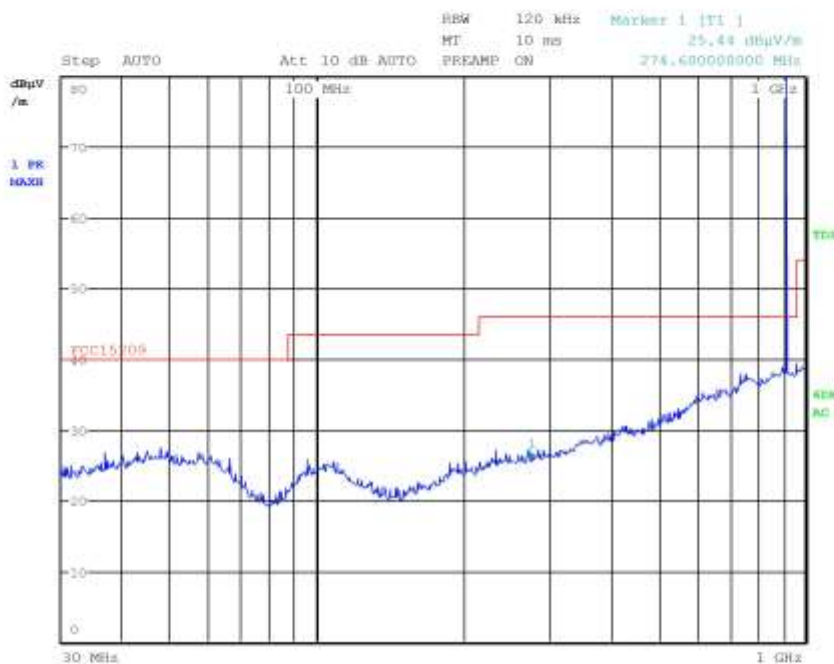
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G14035015

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** FMIN  
**Operator** Gandini 14035015  
**Test Spec**  
Horiz



**Final Measurement**

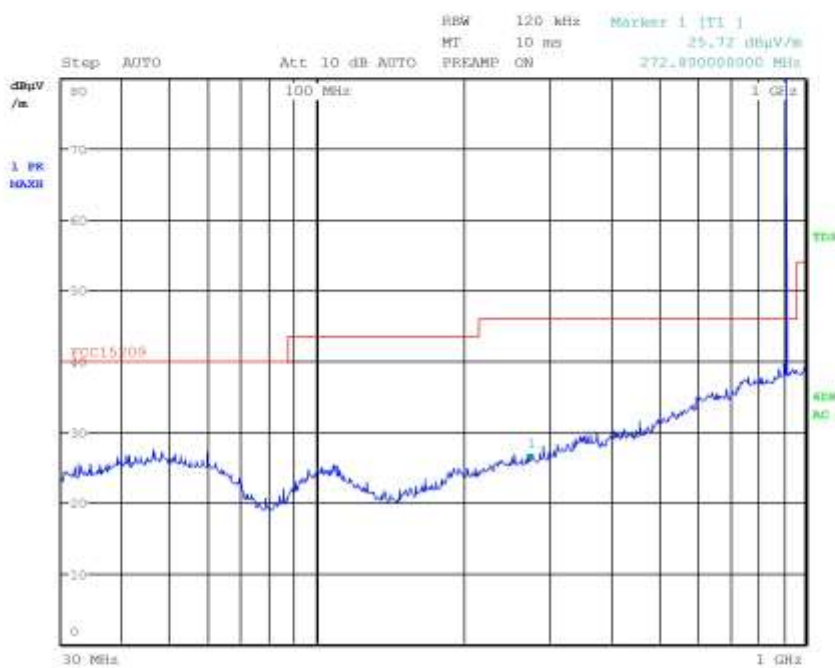
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G14035016

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** FMIN  
**Operator** Gandini 14035016  
**Test Spec**  
Vert



**Final Measurement**

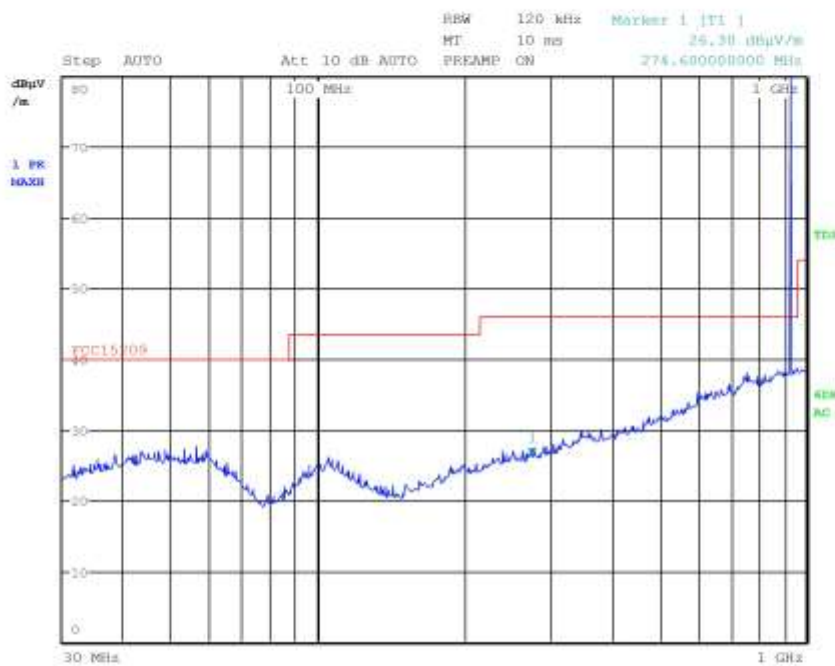
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G14035017

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** FMAX  
**Operator** Gandini 14035017  
**Test Spec**  
Vert



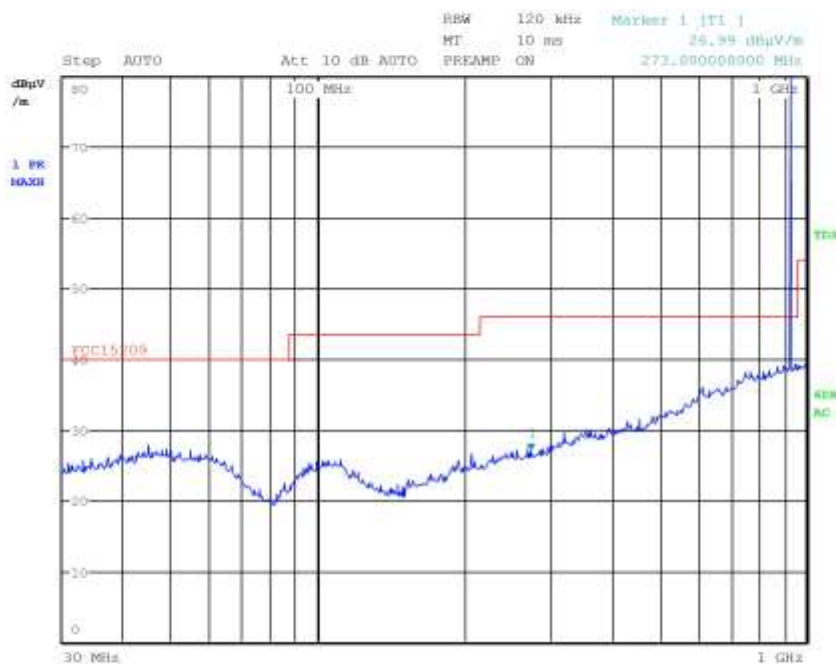
### Final Measurement

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



G14035018

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** FMAX  
**Operator** Gandini 14035018  
**Test Spec**  
Horiz



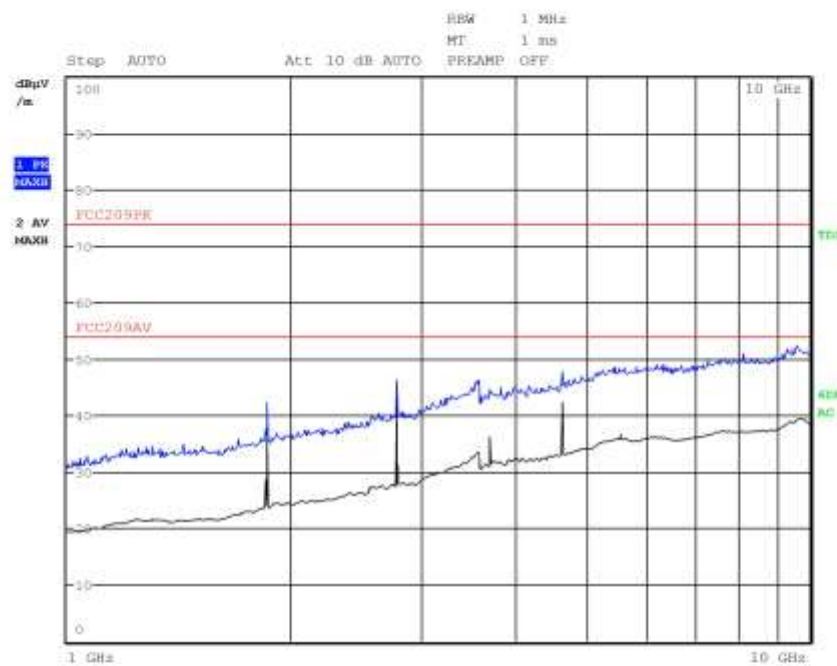
**Final Measurement**

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



G14035019

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX-RX  
**Operator** Gandini 14035019  
**Test Spec**  
Vert



### Final Measurement

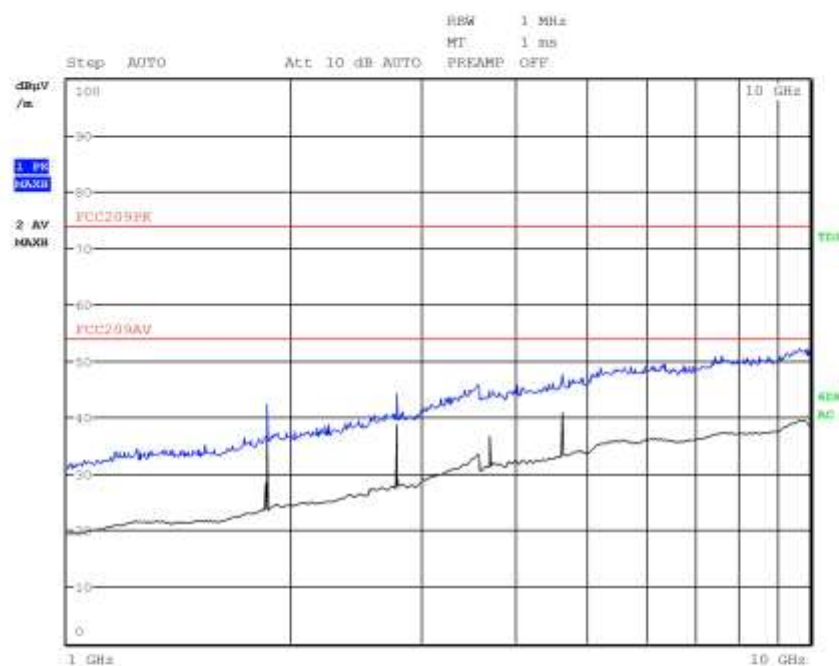
Meas Time: 1 s  
Margin: 6 dB  
Peaks: 0

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G14035020

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX-RX  
**Operator** Gandini 14035020  
**Test Spec**  
Horiz



**Final Measurement**

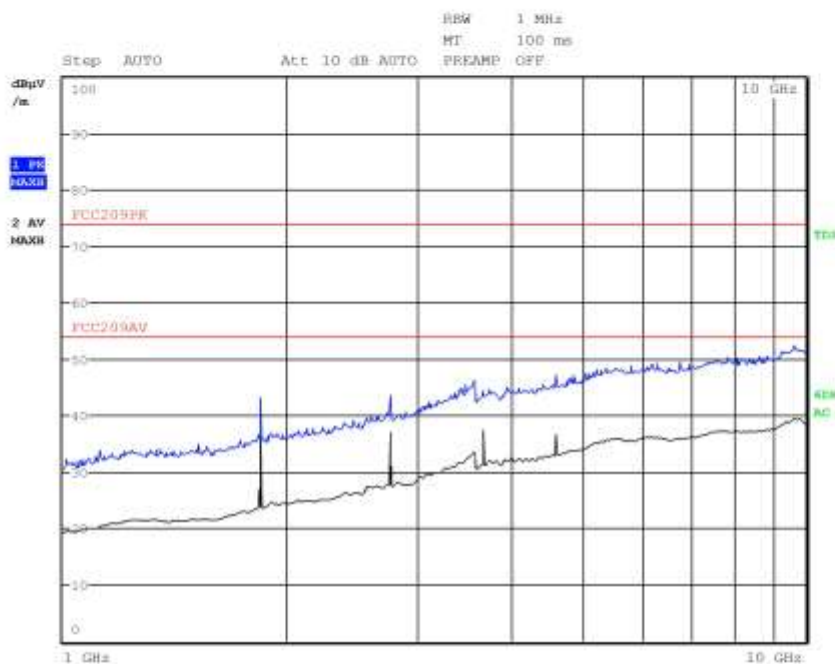
Meas Time: 1 s  
Margin: 6 dB  
Peaks: 0

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G14035021

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX-RX - FMED  
**Operator** Gandini 14035021  
**Test Spec**  
Horiz



**Final Measurement**

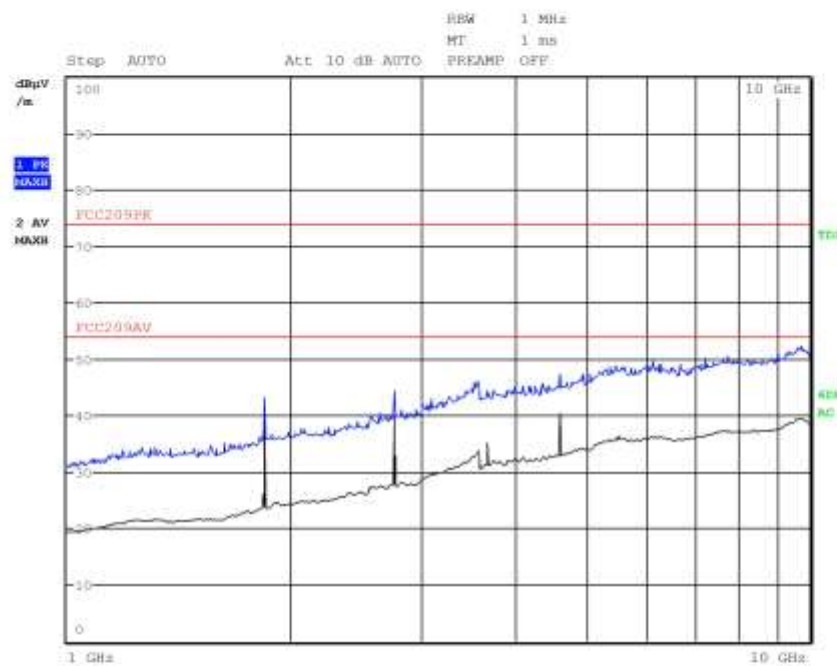
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G14035022

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX-RX - FMED  
**Operator** Gandini 14035022  
**Test Spec**  
Vert



### Final Measurement

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

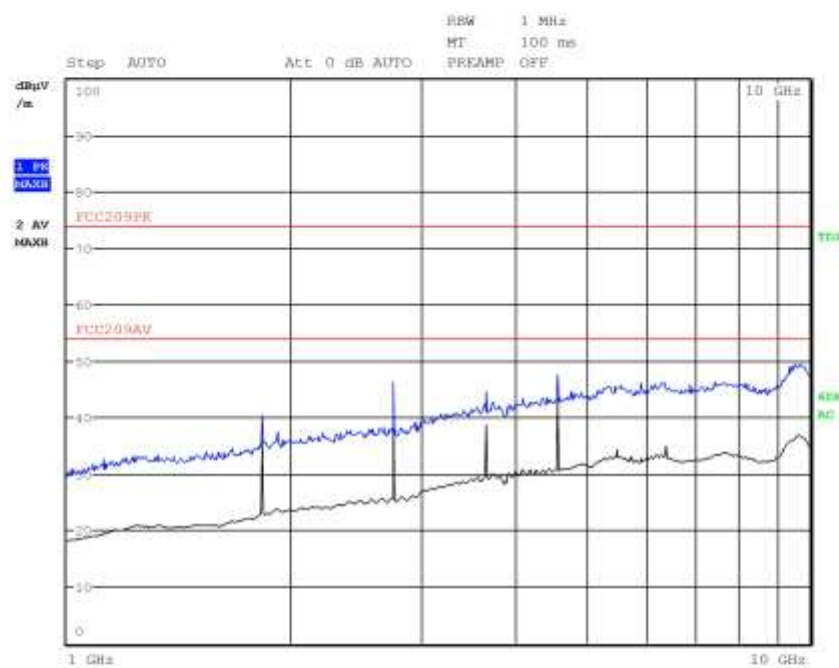
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G14035023

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX-RX - FMIN  
**Operator** Gandini 14035023  
**Test Spec**  
Vert



**Final Measurement**

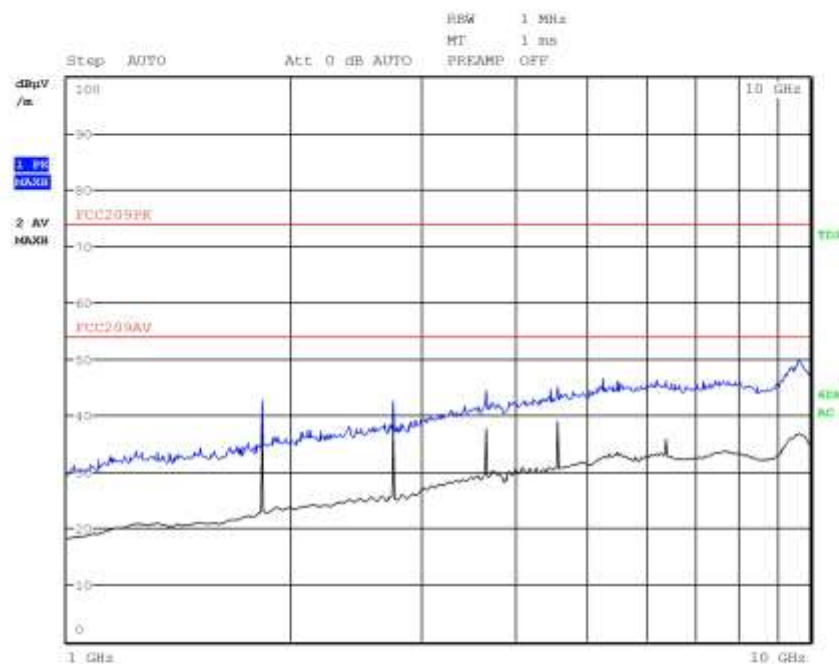
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G14035024

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX-RX - FMIN  
**Operator** Gandini 14035024  
**Test Spec**  
Horiz



### Final Measurement

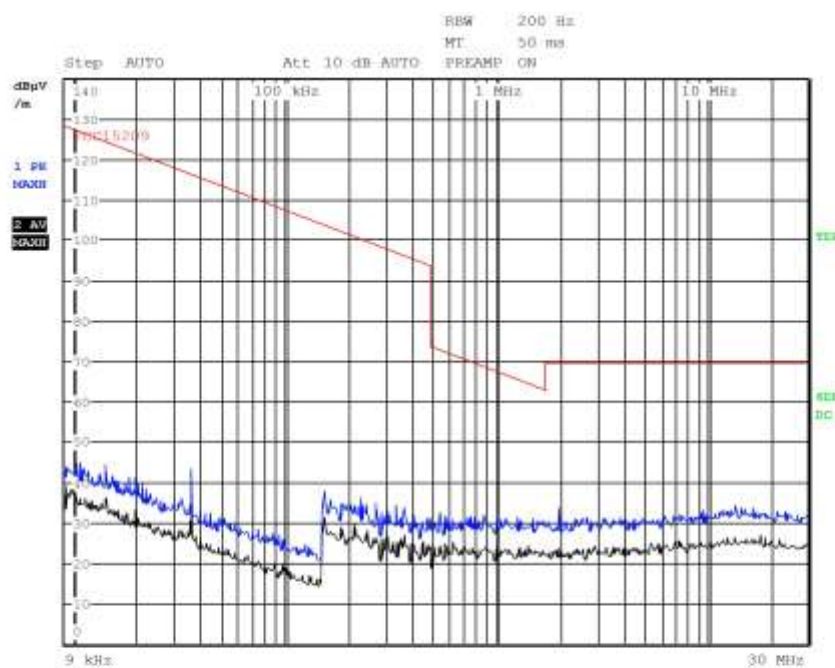
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G14035026

**Meas Type** Emission 0.009-30MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx  
**Operator** Gandini 14035026  
**Test Spec**  
Loop



**Final Measurement**

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

**Result:** The requirements are met



### 11.3 Occupied bandwidth (99% BW)

#### Test set-up and execution

- RSS 210 Annex 2 (A2.9)
- Internal procedure PM001
- See clause 4 of this test report

#### Test configuration and test method

*Test site:*  
Laboratory

*Auxiliary equipment:*  
See clause 4 of this test report

#### EUT exercising

See clause 4 of this test report

#### Test equipment used

CMC S108, CMC S136, CMC S164  
Measurement uncertainty: See clause 7 of this test report

#### Test specification

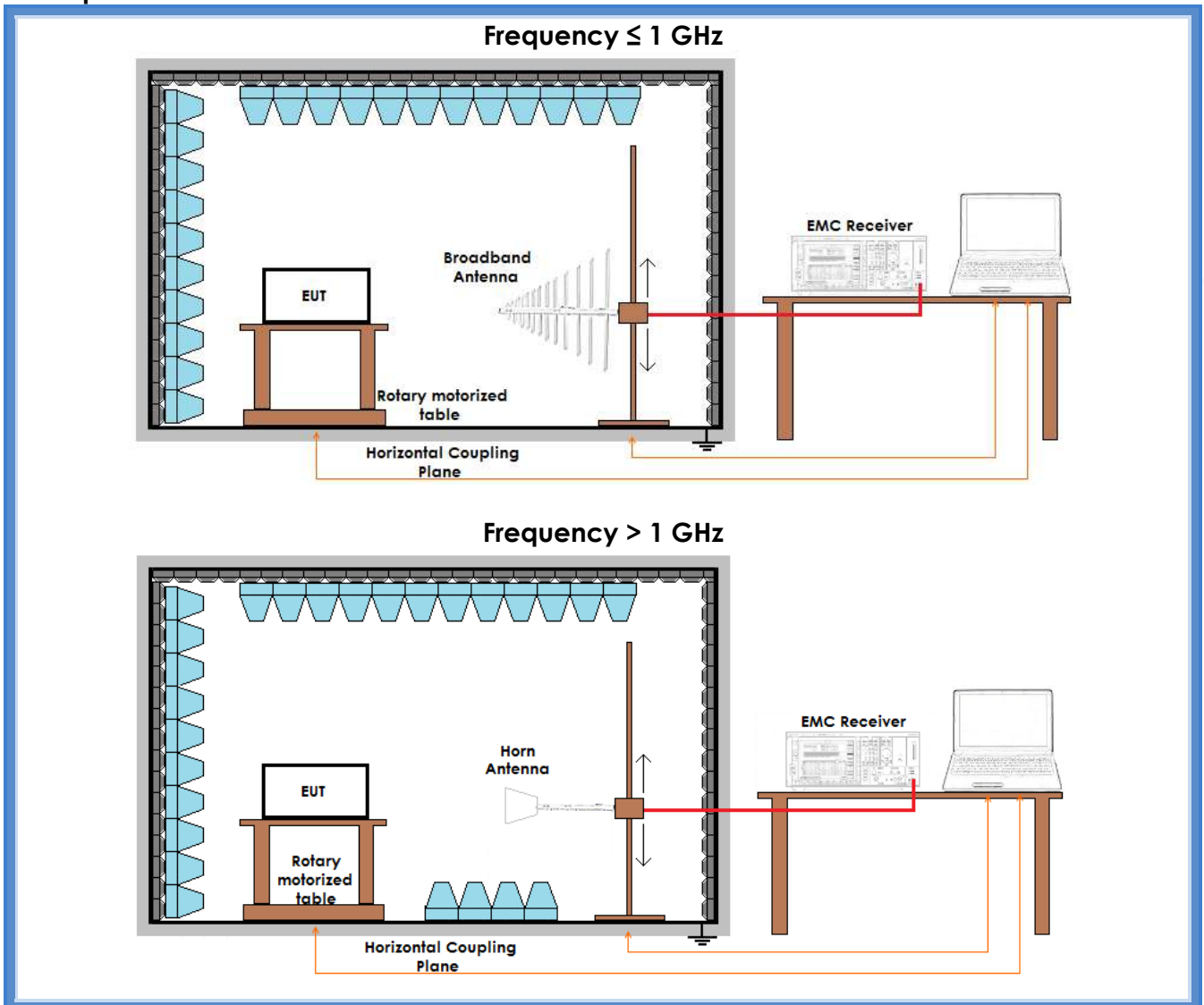
RSS 210 Annex 2 (A2.9)

#### Environmental conditions

Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
20	99	49



## Setup



## Result

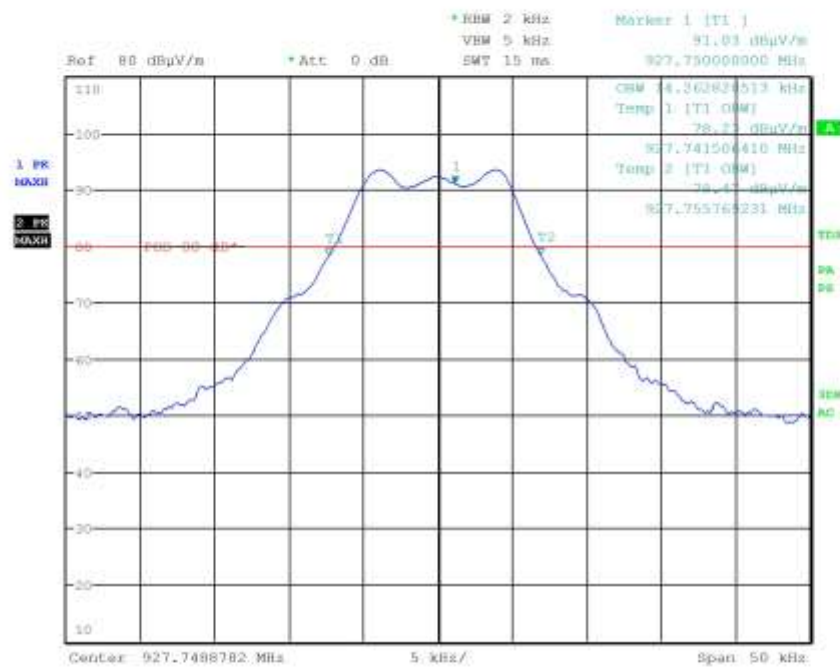
$f$ (MHz)	99% bandwidth (kHz)	Graphs	Results
915,050	14,1	G14035009	Complies
921,000	14,1	G14035025	Complies
927,750	14,3	G14035005	Complies



## Graphs

G14035005

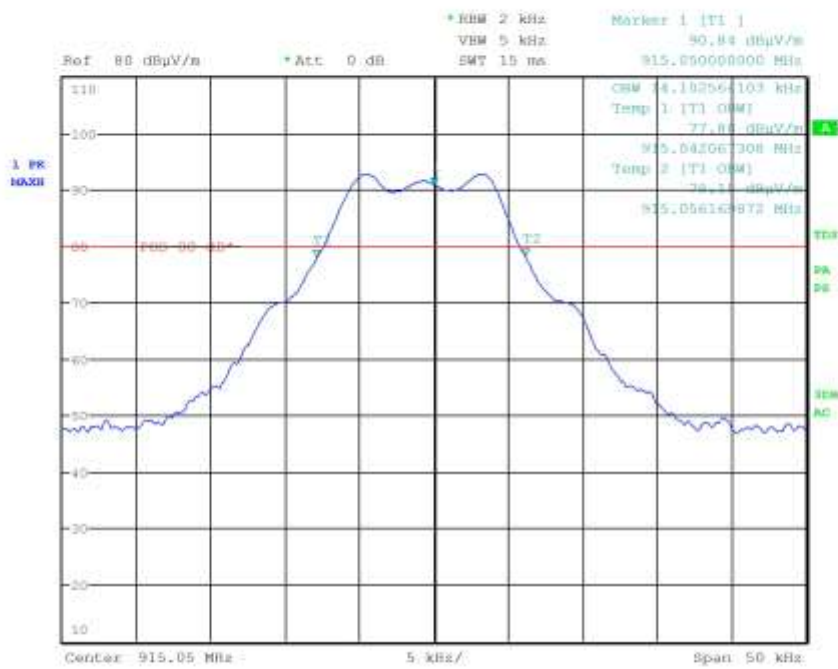
**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** FMAX  
**Operator** Gandini 14035005  
**Test Spec**  
Vert





G14035009

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** FMIN  
**Operator** Gandini 14035009  
**Test Spec**  
Vert

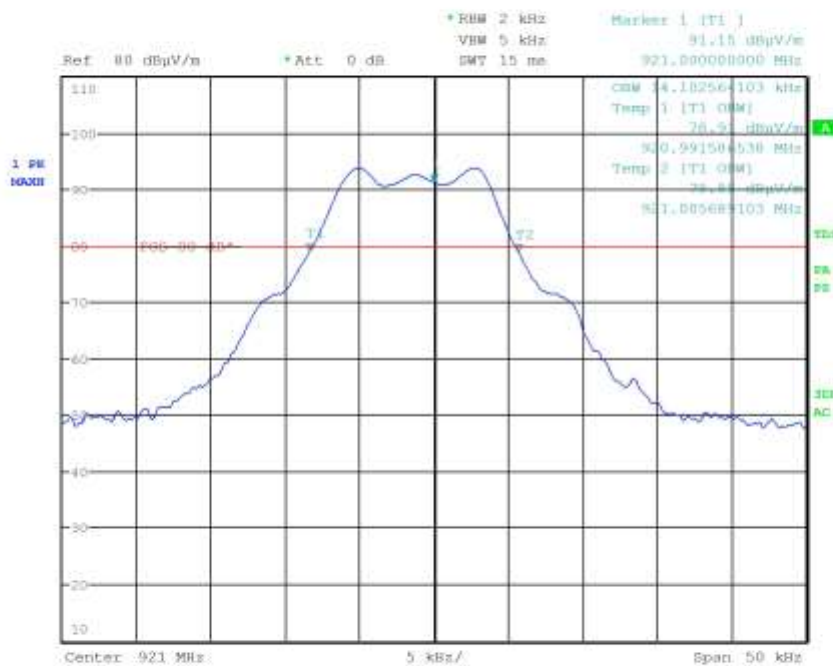


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G14035025

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** FMEX  
**Operator** Gandini 14035025  
**Test Spec**  
Vert



**Result:** The requirements are met





## 11.4 Peak Output Power

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.209 and Part 15.249
- RSS-210
- Internal procedure PM001
- See clause 4 of this test report

### Test configuration and test method

*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 S136, CMC S164  
 Measurement uncertainty: See clause 7 of this test report

### Test specification

Port: Enclosure  
 Antenna polarization: Horizontal (H) – Vertical (V)  
 EUT – Antenna distance: 3 m

### Environmental conditions

Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
21	99	50

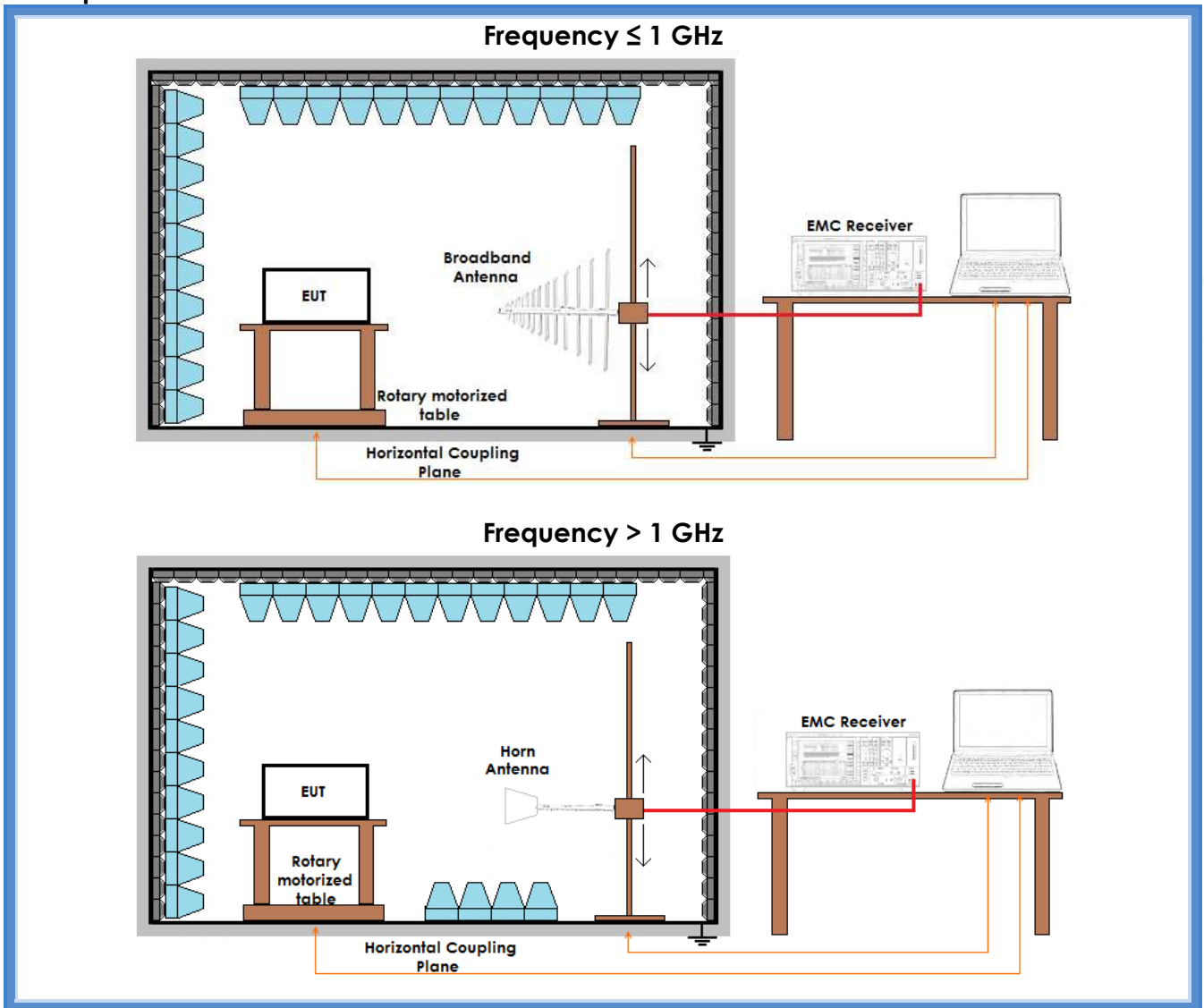
### Acceptance limits

Frequency range (MHz)	RF Power Output dB(μV/m)
902 – 928	94

Frequency range (MHz)	RF Power Output dB(μV/m)
2400 – 2483,5	94



**Setup**



**Result**

Frequency (MHz)	Polarization	Graphs	Measured QP level (dB $\mu$ V/m)	Peak Output Power (mW)	Remarks
915,050	Horizontal	G14035010	86,50	0,13	--
915,050	Vertical	G14035006	92,88	0,58	--
921,000	Horizontal	G14035011	87,73	0,18	--
921,000	Vertical	G14035012	93,86	0,73	--
927,750	Horizontal	G14035001	88,87	0,23	--
927,750	Vertical	G14035002	93,54	0,68	--

**Remarks**

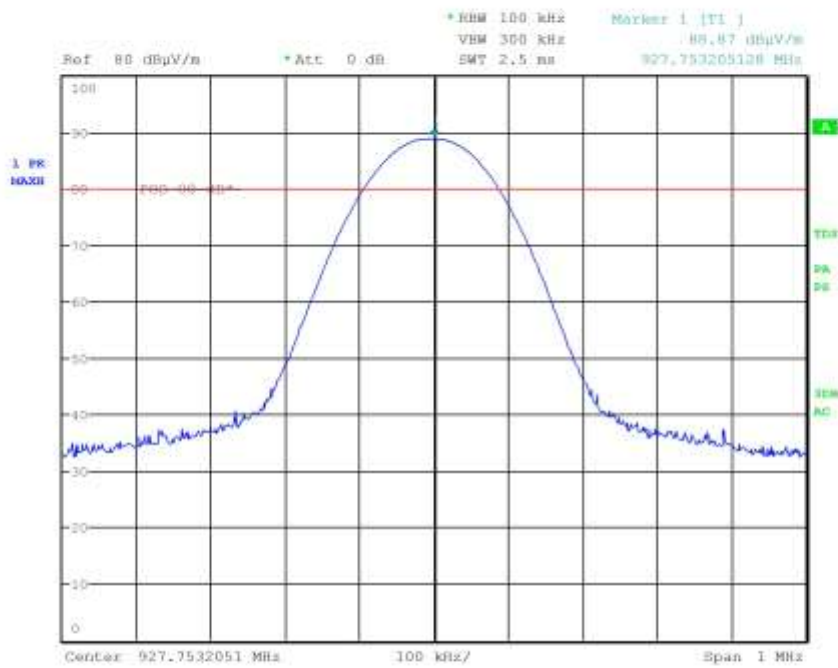
//////////



## Graphs

G14035001

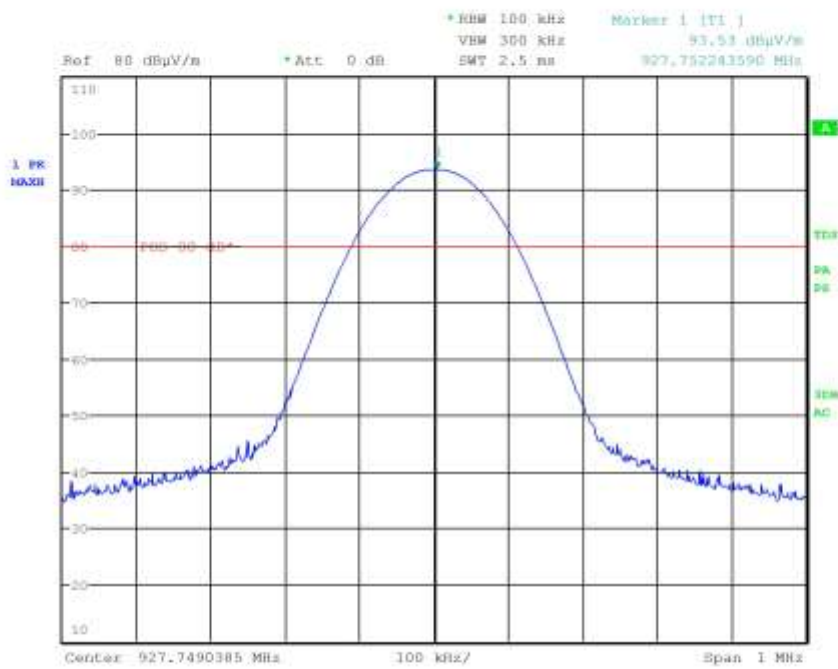
**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** FMAX  
**Operator** Gandini 14035001  
**Test Spec**  
**Horiz**





G14035002

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** FMAX  
**Operator** Gandini 14035002  
**Test Spec**  
Vert

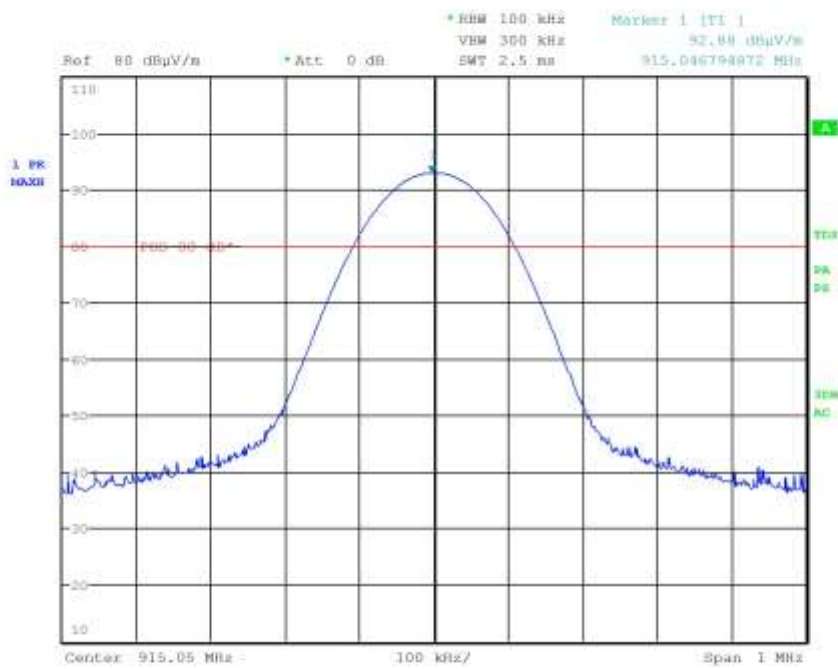


CMC Centro Misure Compatibilità S.r.l.



G14035006

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** FMIN  
**Operator** Gandini 14035006  
**Test Spec**  
Vert

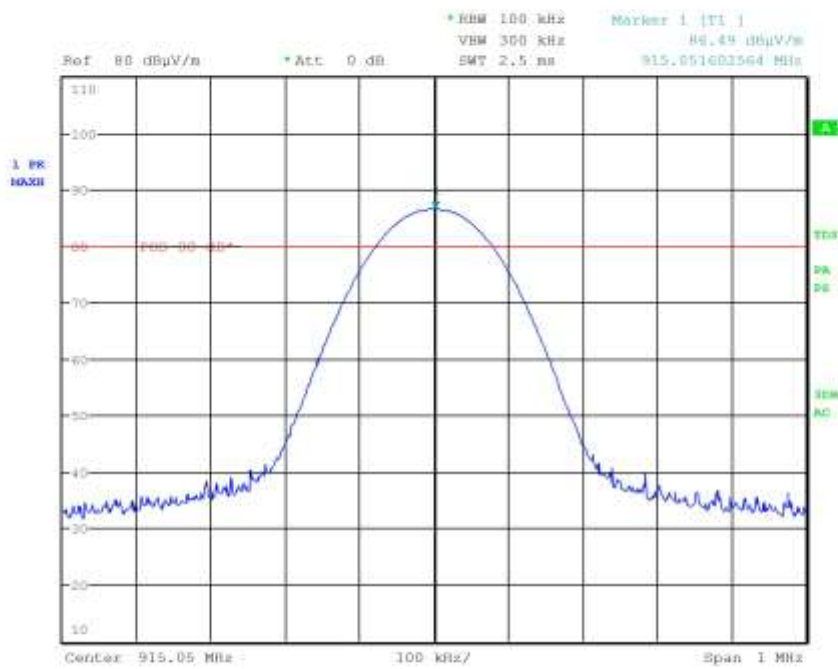


CMC Centro Misure Compatibilità S.r.l.



G14035010

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** FMIN  
**Operator** Gandini 14035010  
**Test Spec**  
Horiz

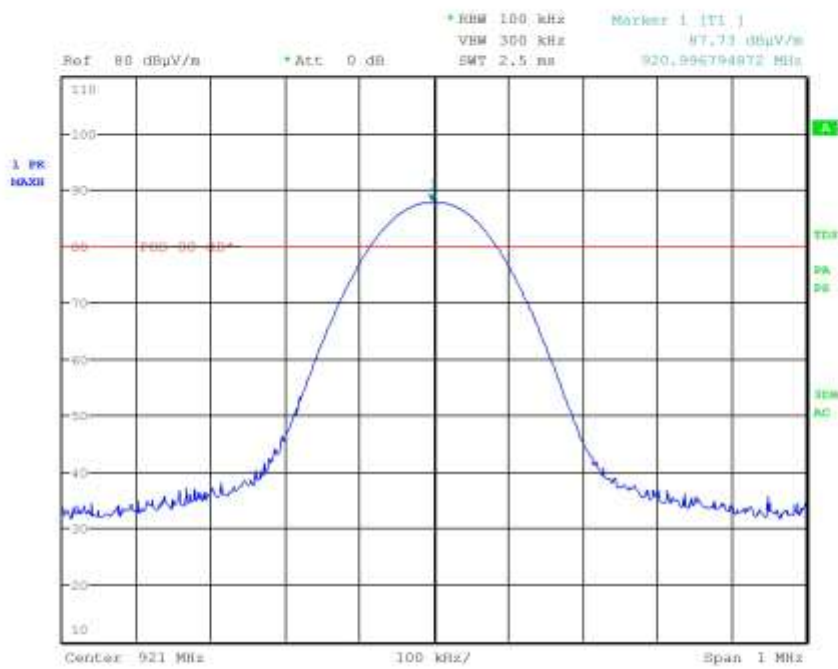


CMC Centro Misure Compatibilità S.r.l.



G14035011

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** FMED  
**Operator** Gandini 14035011  
**Test Spec**  
Horiz

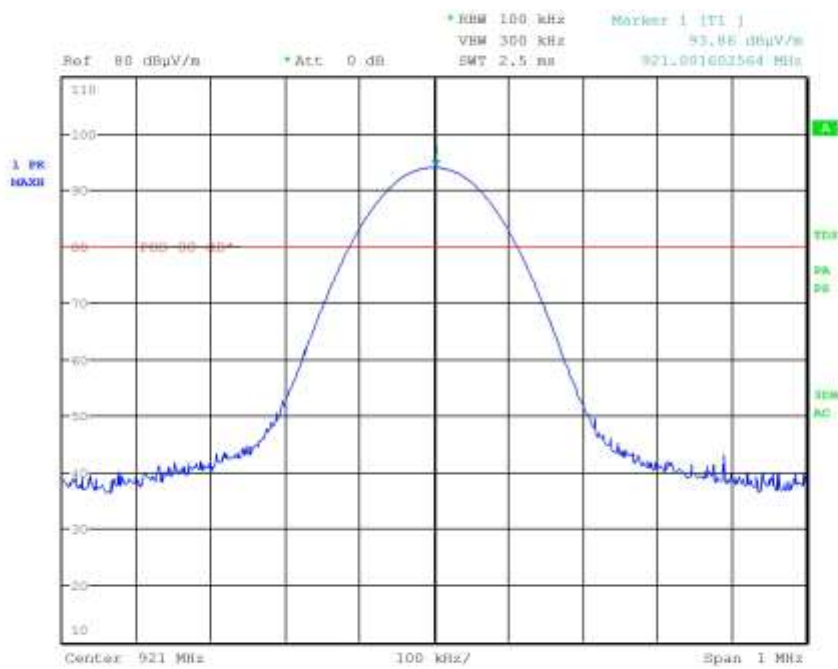


CMC Centro Misure Compatibilità S.r.l.



G14035012

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** FMED  
**Operator** Gandini 14035012  
**Test Spec**  
Vert



**Result:** The requirements are met





## 11.5 Band edge

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.249 (d)
- RSS-210
- Internal procedure PM001
- See clause 4 of this test report

### Test configuration and test method

*Test site:*  
Laboratory

*Auxiliary equipment:*  
See clause 4 of this test report

### EUT exercising

See clause 4 of this test report

### Test equipment used

CMC S108, CMC S136, CMC S164  
Measurement uncertainty: See clause 7 of this test report

### Test specification

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in § 15.209, whichever is the lesser attenuation

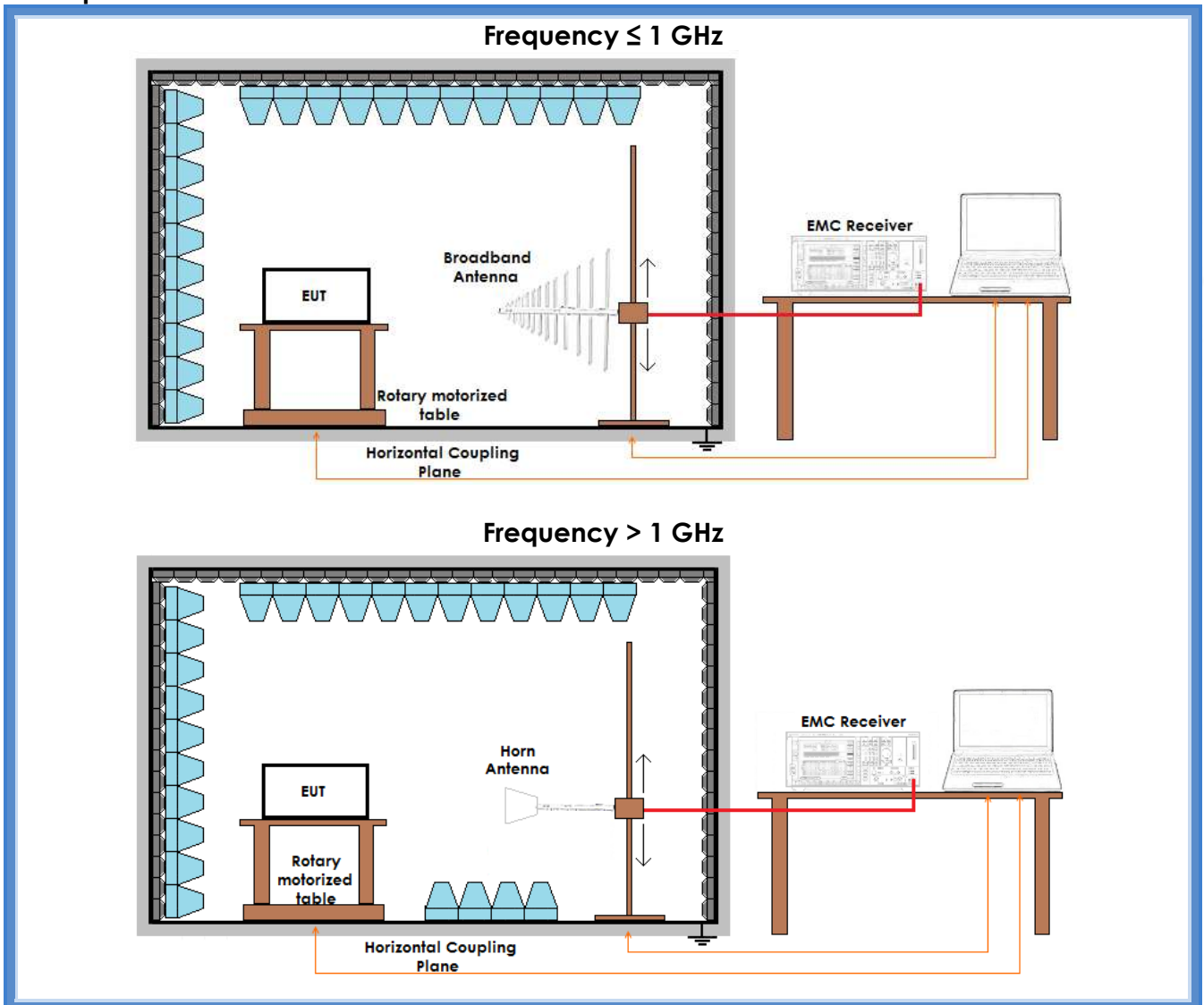
### Environmental conditions

Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
21	98	48

**Acceptance limits:** operation within the band 902 – 928 MHz MHz



## Setup



## Result

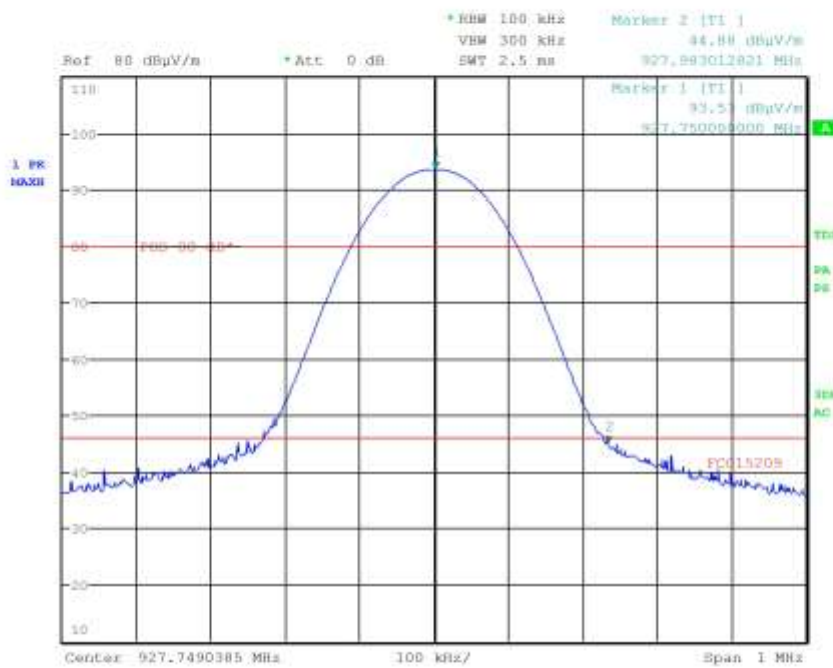
Frequency (MHz)	Graph(s)	Results	
915,050	G14035007	F <sub>L</sub> : 914,808	Complies
	G14035008		
927,750	G14035003	F <sub>H</sub> : 927,983	Complies
	G14035004		



## Graphs

G14035003

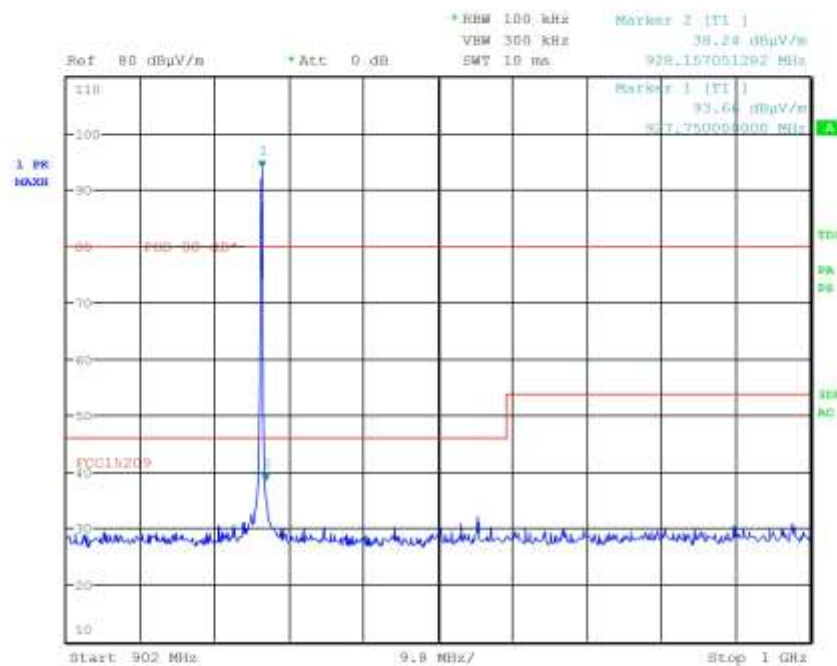
**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** FMAX  
**Operator** Gandini 14035003  
**Test Spec**  
Vert





G14035004

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** FMAX  
**Operator** Gandini 14035004  
**Test Spec**  
Vert

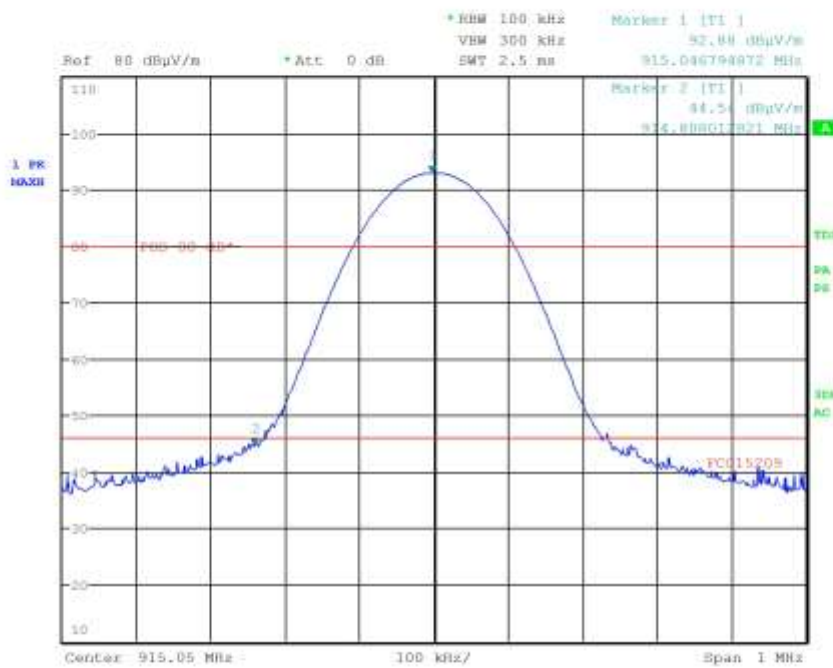


CMC Centro Misure Compatibilità S.r.l.



G14035007

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** FMIN  
**Operator** Gandini 14035007  
**Test Spec**  
Vert

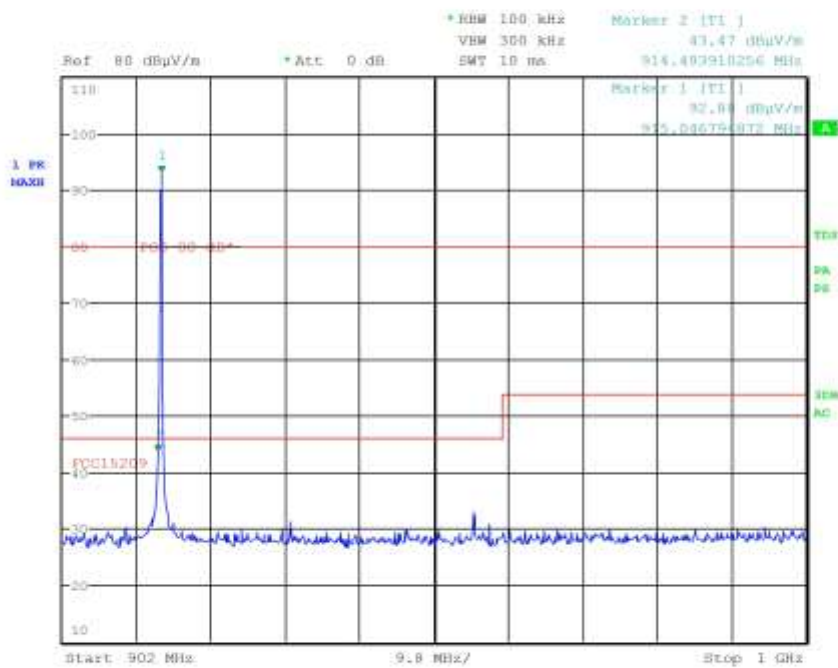


CMC Centro Misure Compatibilità S.r.l.



G14035008

Meas Type Emission  
Equipment under Test  
Manufacturer  
OP Condition FMIN  
Operator Gandini 14035008  
Test Spec  
Vert



**Result:** The requirements are met



## 11.6 Spurious Emission

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.209
- RSS-210
- Internal procedure PM001
- See clause 4 of this test report

### Test configuration and test method

*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 S136, CMC S164  
Measurement uncertainty: See clause 7 of this test report

### Test specification

Port: Enclosure  
Antenna polarization: Horizontal (H) – Vertical (V)  
EUT – Antenna distance: 3 m  
Detector AV + Peak

### Environmental conditions

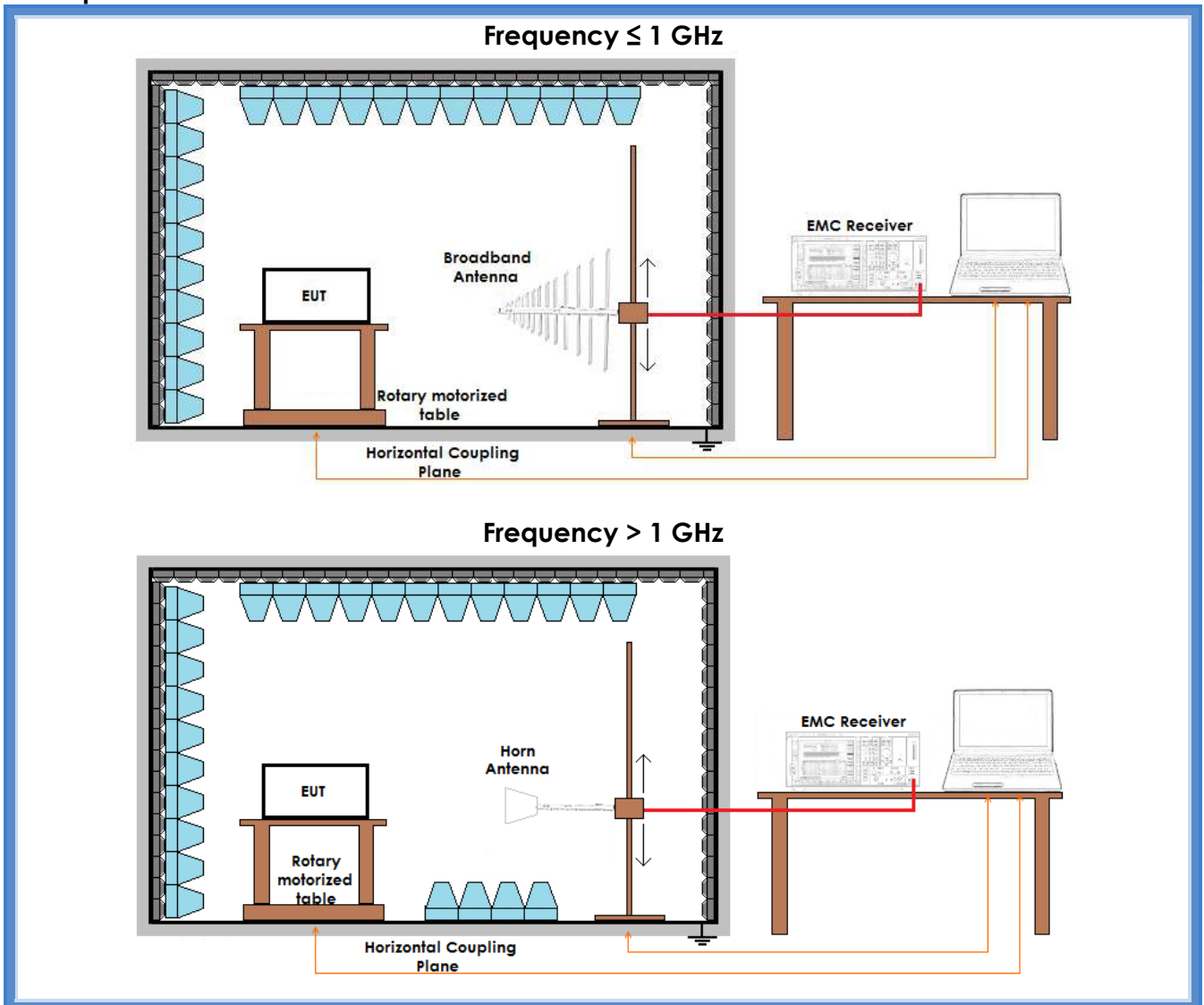
Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
21	98	48

### Acceptance limits

Frequency (MHz)	AV limits [dB(μV/m)]	Peak limits [dB(μV/m)]
> 1000	54	74



## Setup



CMC Centro Misure Compatibilità S.r.l.





<b>Graph:</b>	From G14035024
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**Result – AV detector**

Harmonic	Limits (dBµV/m)	Level (dBµV/m)			Results
		915,050 MHz	921,000 MHz	927,750 MHz	
II	54	42,7	42,2	43,6	Complies
III	54	45,7	44,8	45,3	Complies
IV	54	41,2	40,9	44,3	Complies
V	54	45,1	42,6	44,5	Complies
VI	54	More than 15dB below limit	More than 15dB below limit	More than 15dB below limit	Complies
VII	54	More than 15dB below limit	More than 15dB below limit	More than 15dB below limit	Complies
VIII	54	More than 15dB below limit	More than 15dB below limit	More than 15dB below limit	Complies
IX	54	More than 15dB below limit	More than 15dB below limit	More than 15dB below limit	Complies
X	54	More than 15dB below limit	More than 15dB below limit	More than 15dB below limit	Complies

**Remarks:** EUT was tested in 3 orthogonal planes. The results in this table show the highest values

**Result – Peak detector**

Harmonic	Limits (dBµV/m)	Level (dBµV/m)			Results
		915,050 MHz	921,000 MHz	927,750 MHz	
II	74	44,7	44,5	45,5	Complies
III	74	47,8	46,8	47,5	Complies
IV	74	47,8	47,1	49,6	Complies
V	74	49,6	49,1	50,0	Complies
VI	74	More than 15dB below limit	More than 15dB below limit	More than 15dB below limit	Complies
VII	74	More than 15dB below limit	More than 15dB below limit	More than 15dB below limit	Complies
VIII	74	More than 15dB below limit	More than 15dB below limit	More than 15dB below limit	Complies
IX	74	More than 15dB below limit	More than 15dB below limit	More than 15dB below limit	Complies
X	74	More than 15dB below limit	More than 15dB below limit	More than 15dB below limit	Complies

**Remarks:** EUT was tested in 3 orthogonal planes. The results in this table show the highest values

**Result:** The requirements are met