



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

Test item

Description.....: Transceiver unit
Trademark.....: AUTECH
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: AUTECH S.r.l.

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

Manufacturer's name : Same as client

Address: --

Report

Tested by: G. Gandini – Technician

G. Gandini

Approved by: R. Beghetto – Laboratory Manager

R. Beghetto

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

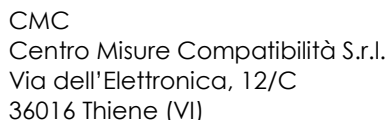
Standard:

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



2. Description of Equipment under test (EUT)

Power supply : 7,2Vdc

Serial Number..... : --

Type of equipment : ☒ Transmitter Unit
 ☒ Receiver Unit

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

Nominal frequency..... : 902 – 928 MHz

FCC ID, IC number : OQA-AJMDA0BM

IC number : 9061 A-AJMDA0BM

2.1 Test Site

Company..... : CMC Centro Misure Compatibilità S.r.l.
Address..... : Via dell'Elettronica, 12/C
36016 Thiene (VI) – ITALY

3. Testing and sampling

Date of receipt of test item : 18.02.14

Testing start date : 26.02.14

Testing end date : 27.02.14

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 P140180

4. Operative conditions

EUT exercising : EUT in continuous transmission at maximum power



CMC
Centro Misure Compatibilità S.r.l.
Via dell'Elettronica, 12/C
36016 Thiene (VI)

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
Conducted Emission		
(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
Discontinuous Conducted Emission		
Conducted Emission (50Ω/50μH AMN) - (150 kHz – 30 MHz)	±3.3 dB	1
Disturbance Power (30 MHz – 300 MHz)		
	±3.9 dB	1
Radiated Emission		
(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
Electromagnetic field EMF		
	±15.0 %	1
Harmonic current emissions test		
	±2.7 %	1
Voltage fluctuation and flicker test		
	±2.9 %	1
Insertion loss test		
	±2.7 dB	1
Radiated electromagnetic disturbance test (loop antenna)		
	±2.7 dB	1
Radiated electromagnetic field immunity test		
	0.77 V/m at 3V/m	1
Pulse modulated radiated electromagnetic field immunity test		
	0.77 V/m at 3V/m	1
Injected currents immunity test		
	0.48 V at 3V	1
Bulk current		
	5.3 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)		
	±4.4 dB	1
Effective radiated power (F > 1GHz)		
	±3.9 dB	1
Frequency error		
	< 1x10 ⁻⁷	1
Modulation bandwidth		
	< 1x10 ⁻⁷	1
Adjacent channel power		
	±2.6 dB	1
Blocking		
	±2.6 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

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	Low-power licence-exempt radiocommunication devices (all frequency bands): Category I Equipment
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.

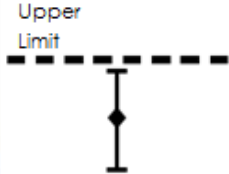
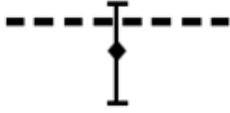
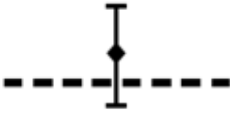


11. Results

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 is Complies.	The sample is Complies.	The sample is Not Complies.	The sample is Not Complies.
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
- 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

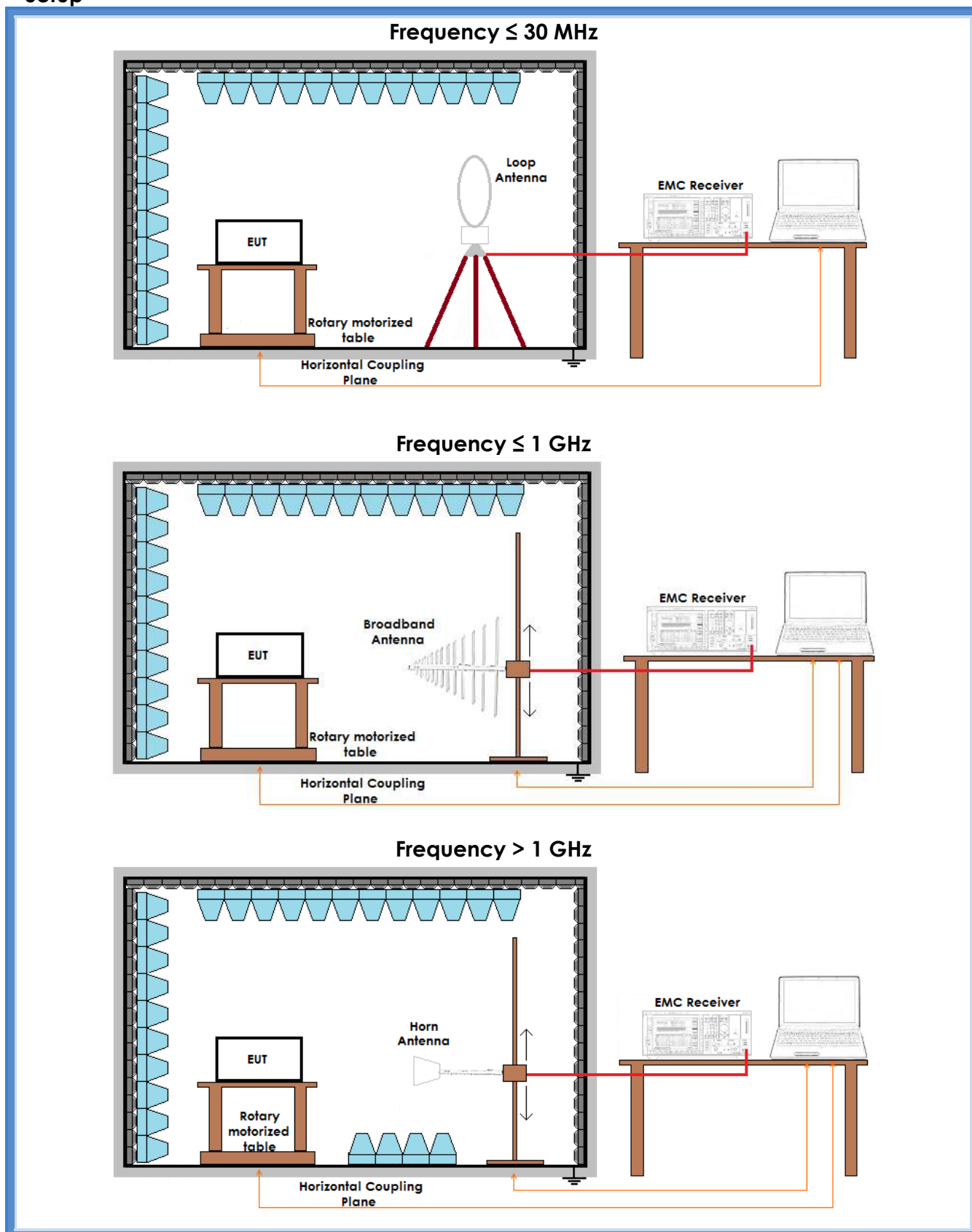
Acceptance limits

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





Result

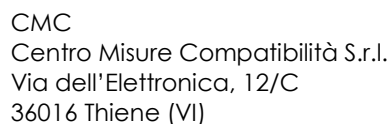
Channel	Polarization	Frequency Range (MHz)	Graphs	Remarks	Result
--	Loop	0,009 – 30	G14035026	--	Complies
915,050	H	30 – 1000	G14035015	--	Complies
915,050	V	30 – 1000	G14035016	--	Complies
921,000	H	30 – 1000	G14035014	--	Complies
921,000	V	30 – 1000	G14035013	--	Complies
927,750	H	30 – 1000	G14035018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



G14035013

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RBW      120 kHz
MT       100 ms
PREAMP   ON

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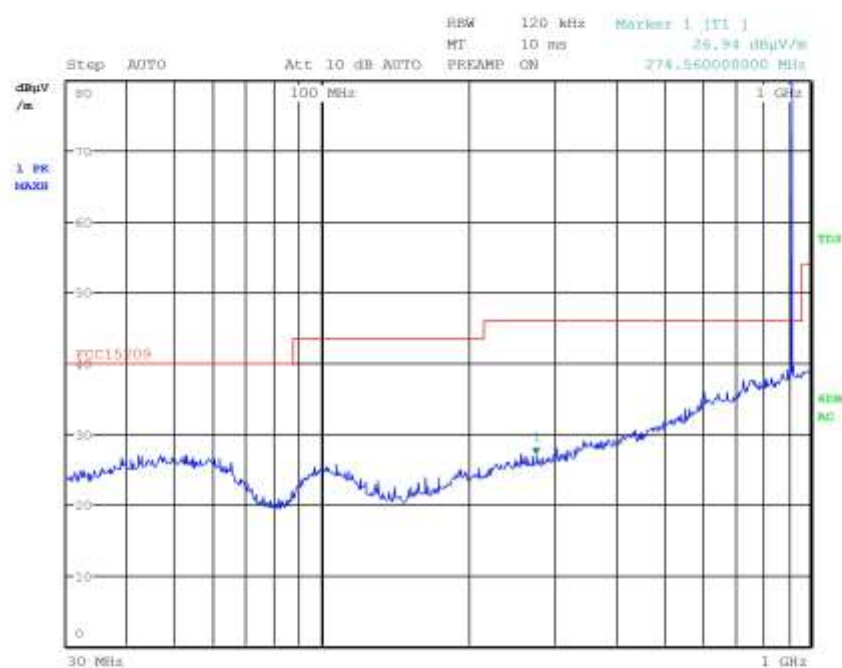


Meas Time: 1 s
Margin: 6 dB
Subranges: 0



G14035014

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



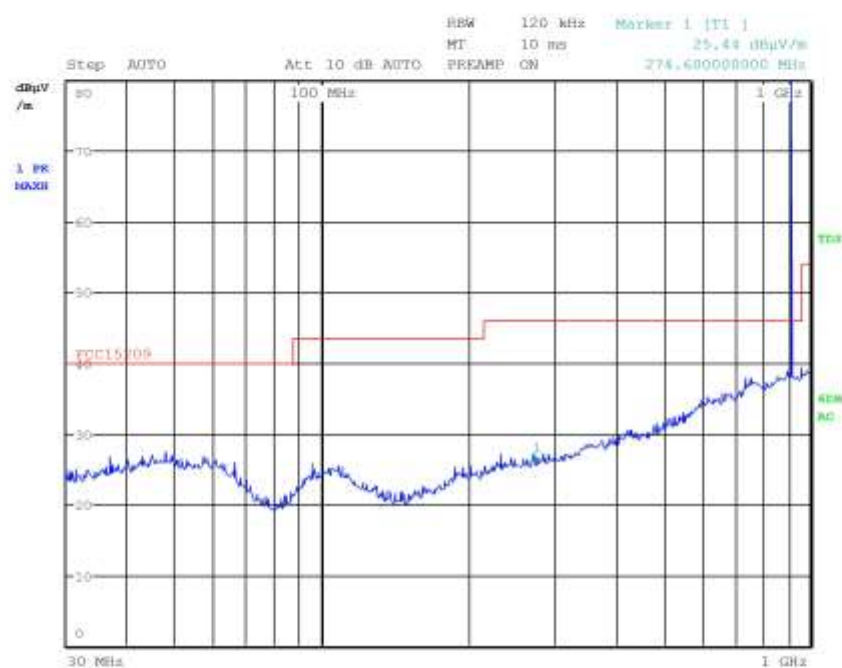
Final Measurement

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



G14035015

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



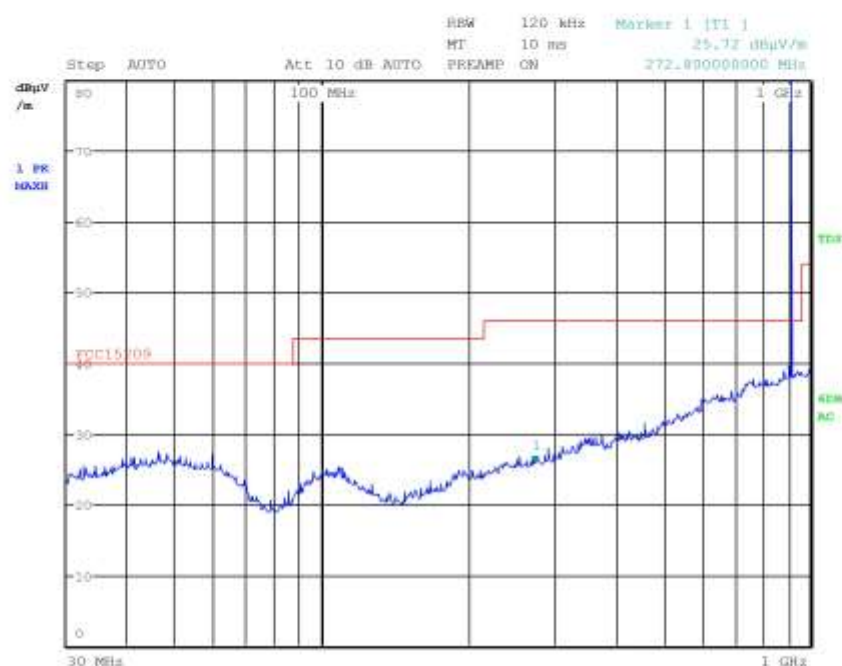
Final Measurement

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



G14035016

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



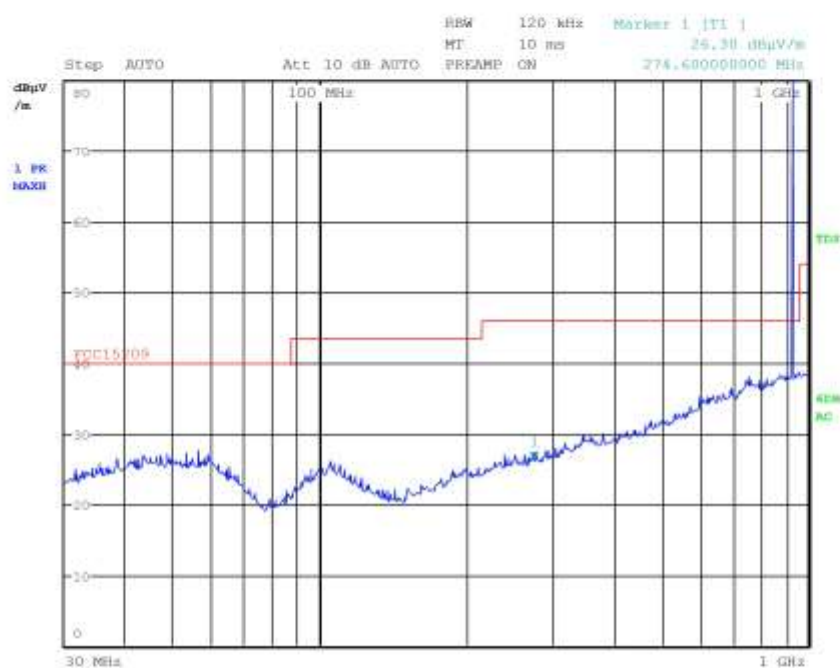
Final Measurement

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



G14035017

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



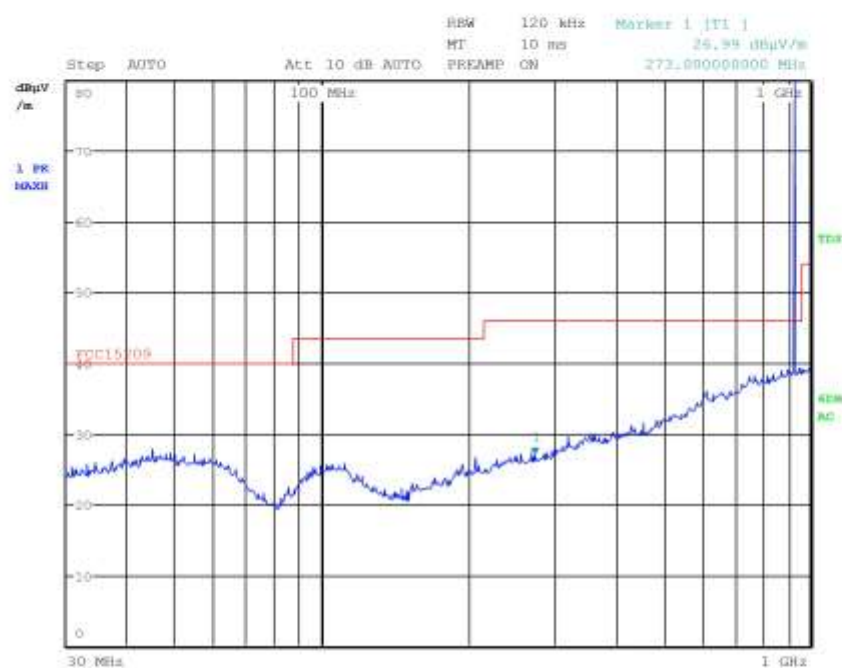
Final Measurement

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



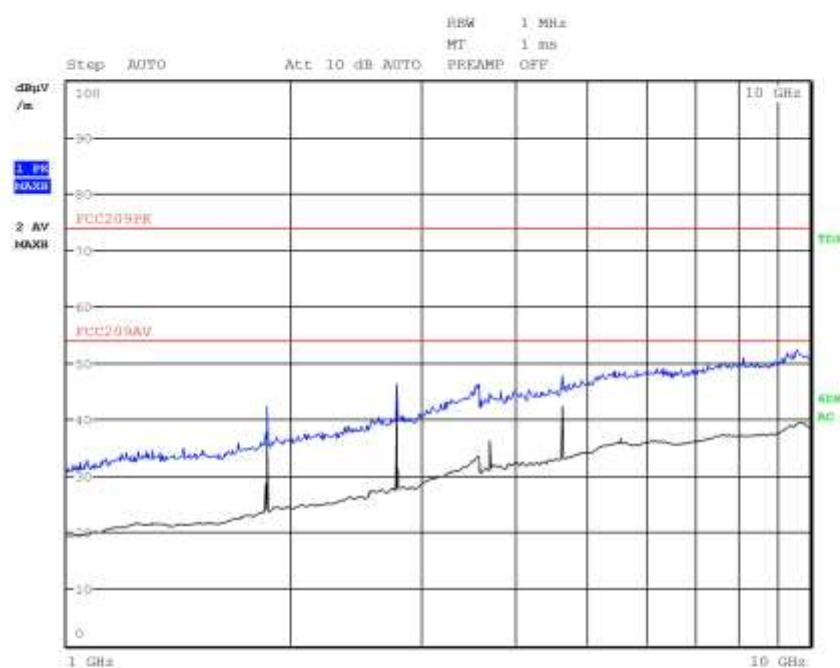
Final Measurement

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



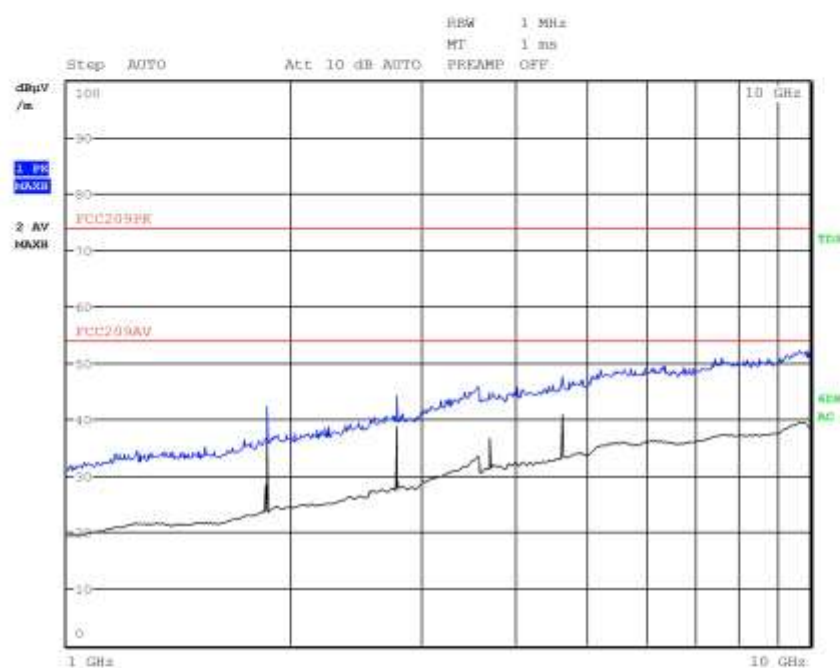
Final Measurement

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



G14035020

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



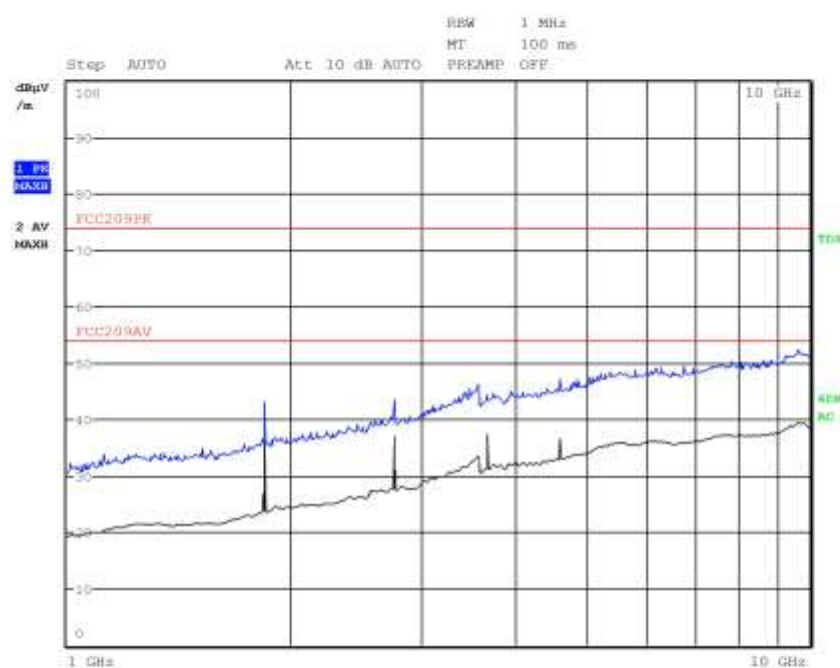
Final Measurement

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



G14035021

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



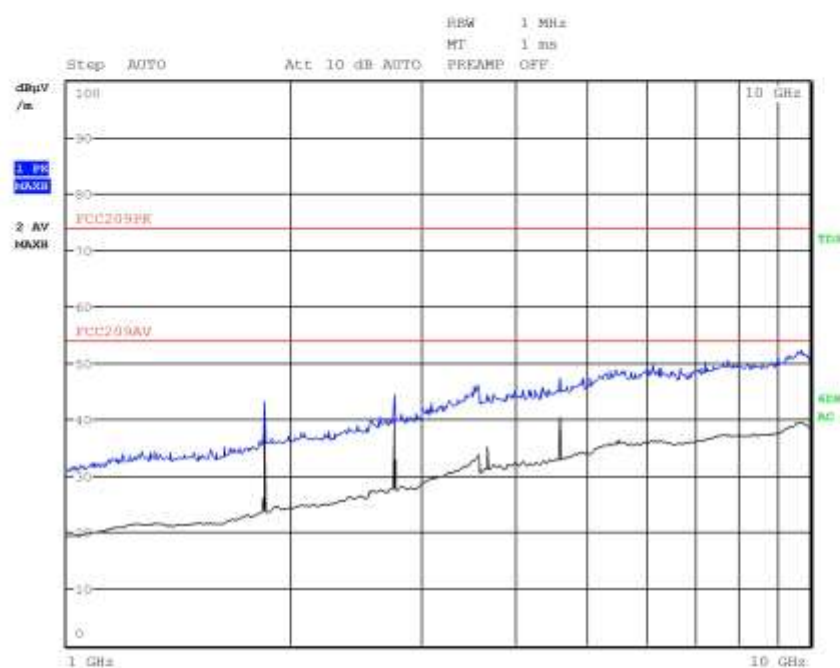
Final Measurement

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



G14035022

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



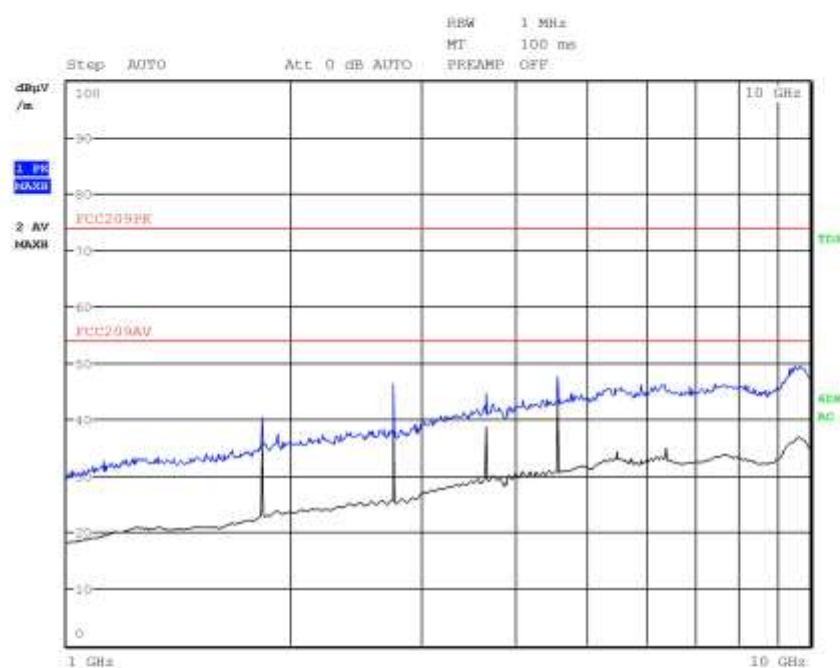
Final Measurement

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



G14035023

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



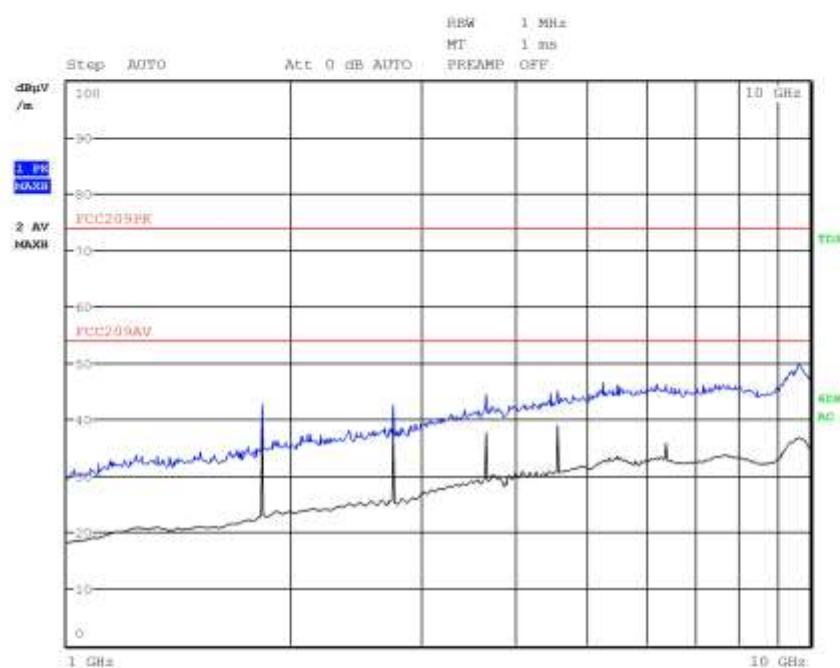
Final Measurement

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



G14035024

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



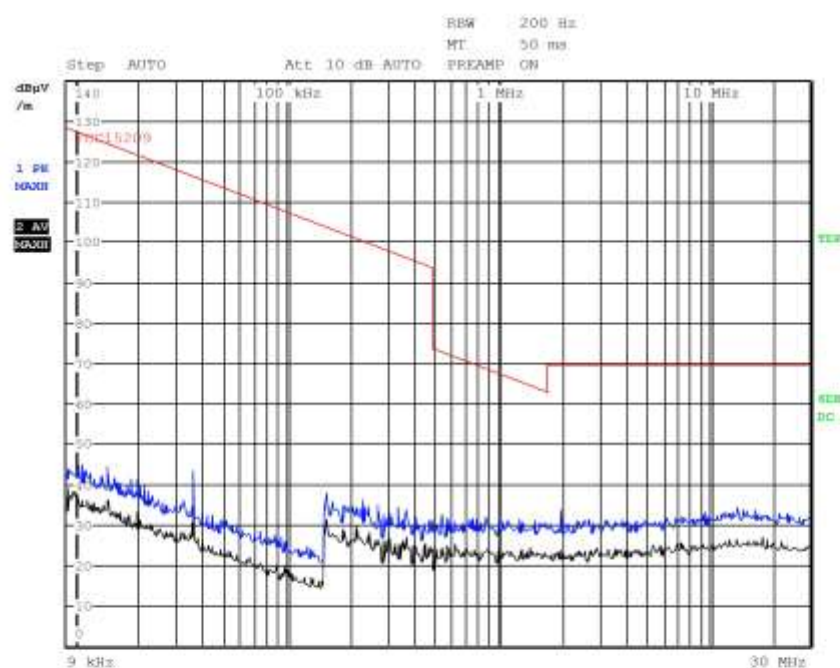
Final Measurement

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



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

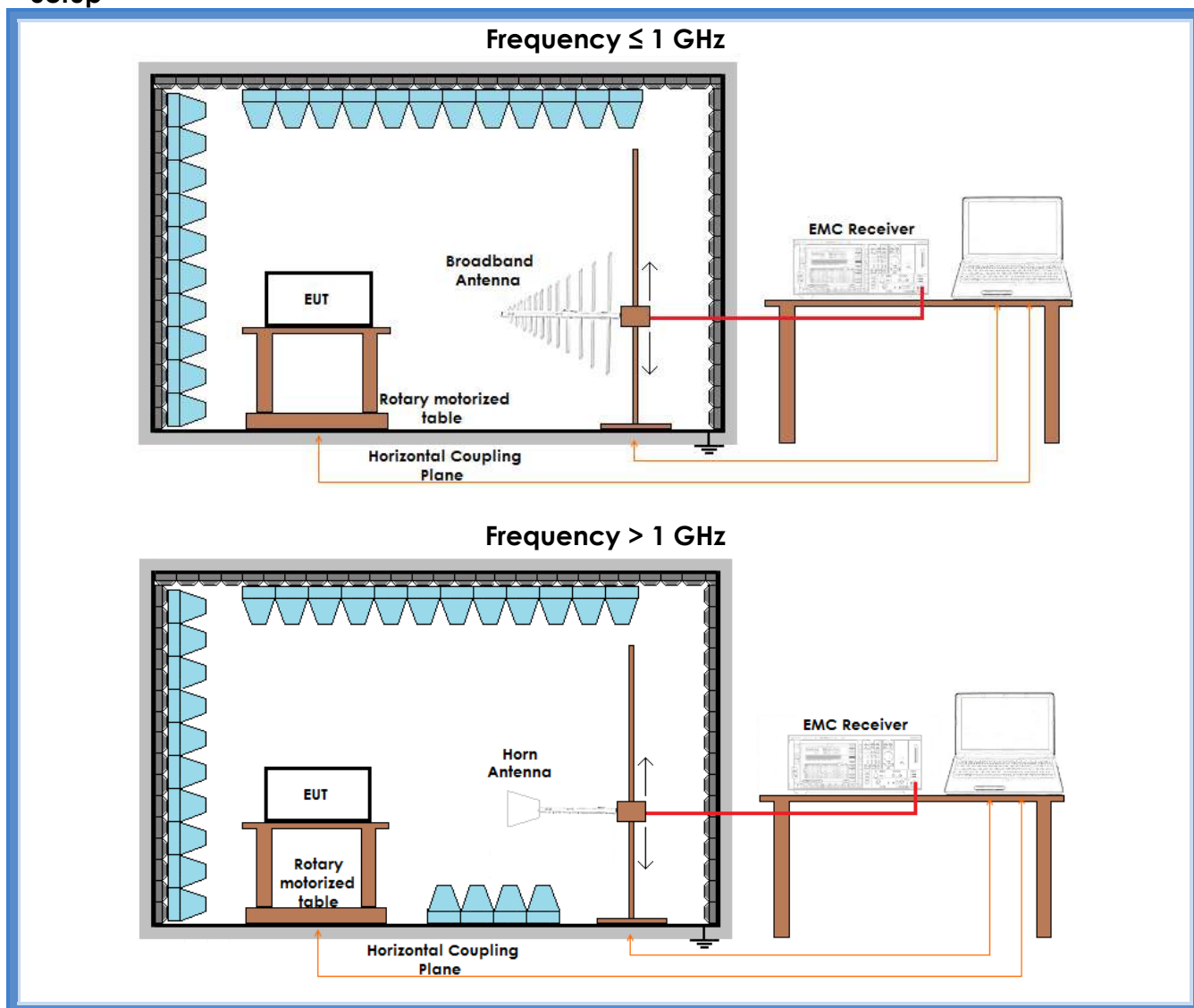
RSS 210 Annex 2 (A2.9)

Environmental conditions

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

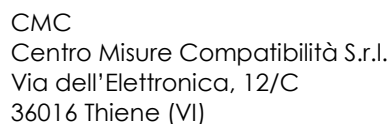


Setup



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



G14035005

1 PR
MAX

2 PR
MAX

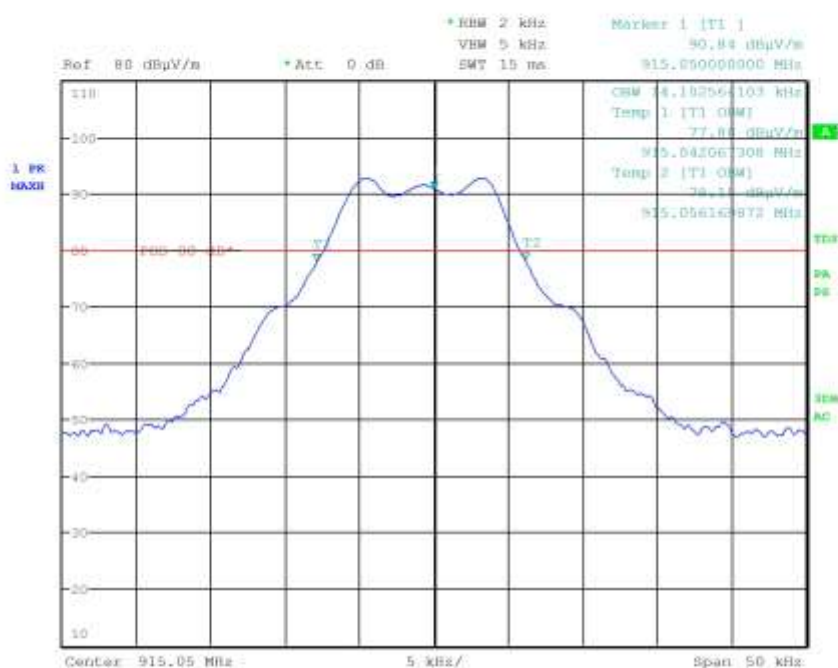
Center 927.7488782 MHz 5 kHz/ Span 50 kHz

Ref 80 dBuV/m Att 0 dB RBW 2 kHz VBW 5 kHz SWT 15 ns Marker 1 [T1] 927.75000000 MHz 91.03 dBuV/m 927.75000000 MHz 94.36282513 kHz Temp 1 [T1] 0.0W 78.23 dBuV/m 927.741504410 MHz Temp 2 [T1] 0.0W 78.42 dBuV/m 927.755765231 MHz



G14035009

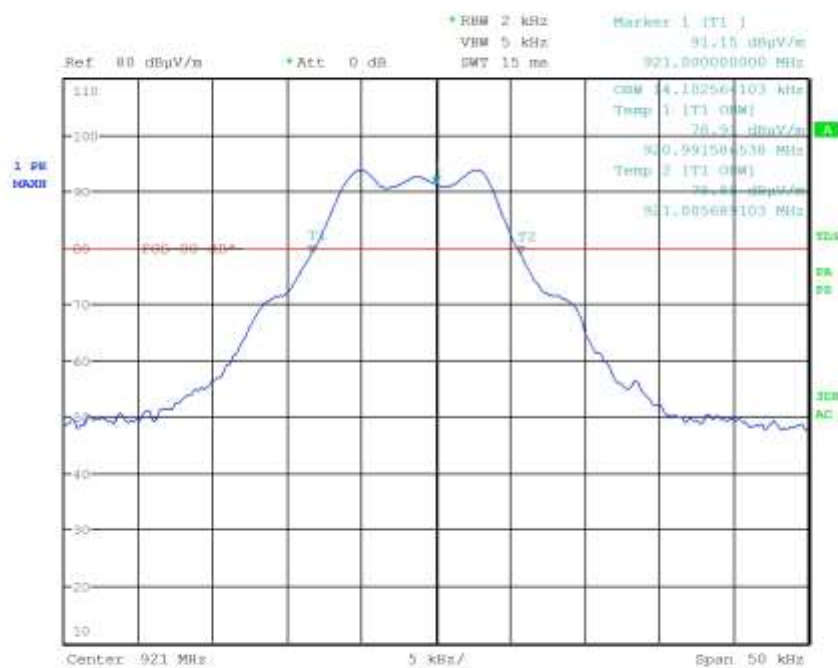
Meas Type Emission
Equipment under Test
Manufacturer
OP Condition FMIN
Operator Gandini 14035009
Test Spec
Vert





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

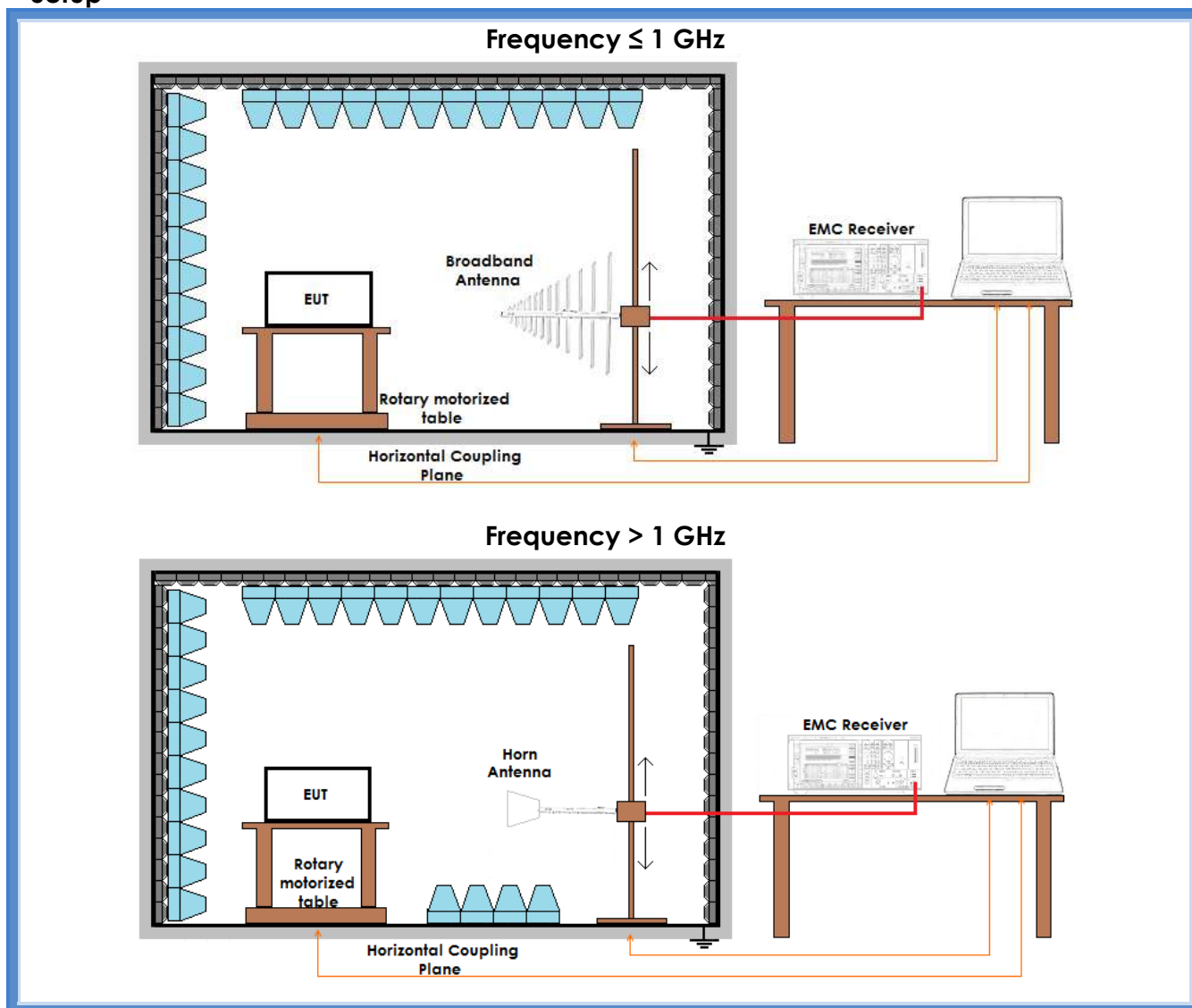
Acceptance limits

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 μ 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

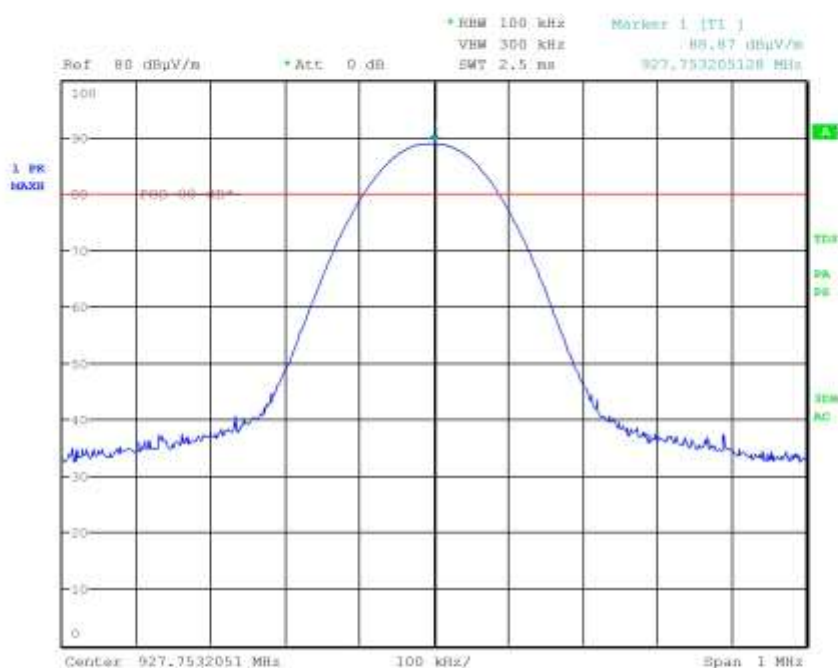
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Graphs

G14035001

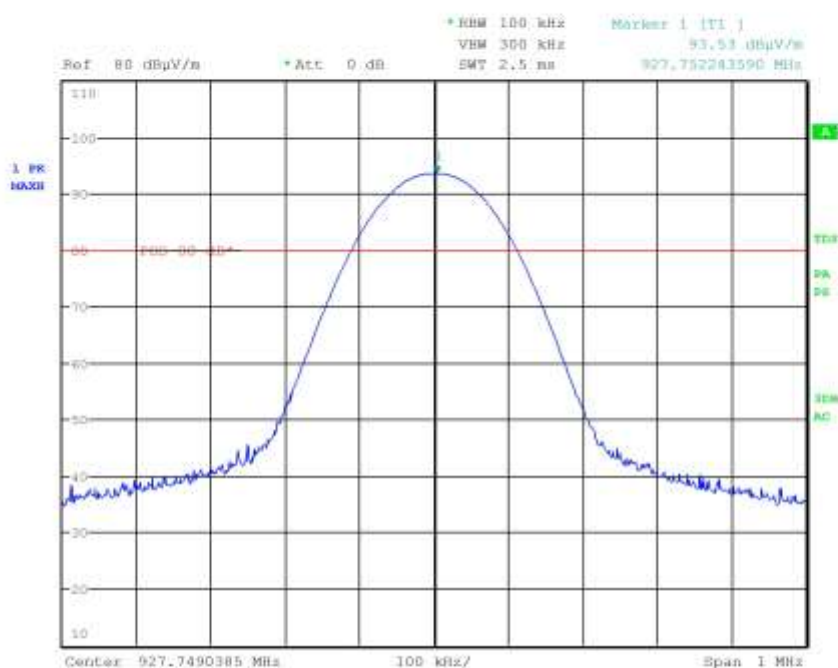
Meas Type Emission
Equipment under Test
Manufacturer
OP Condition FMAX
Operator Gandini 14035001
Test Spec
Horiz





G14035002

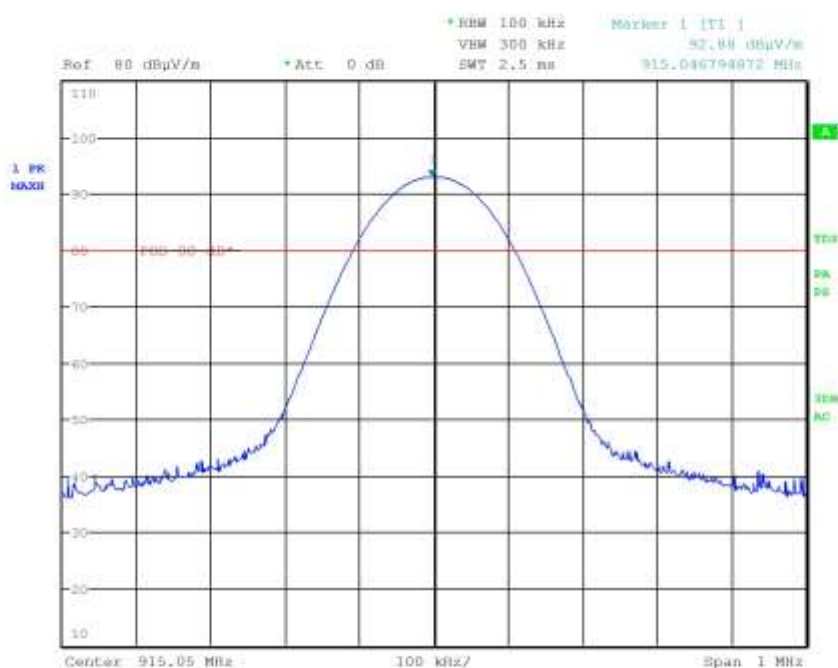
Meas Type Emission
Equipment under Test
Manufacturer
OP Condition FMAX
Operator Gandini 14035002
Test Spec
Vert





G14035006

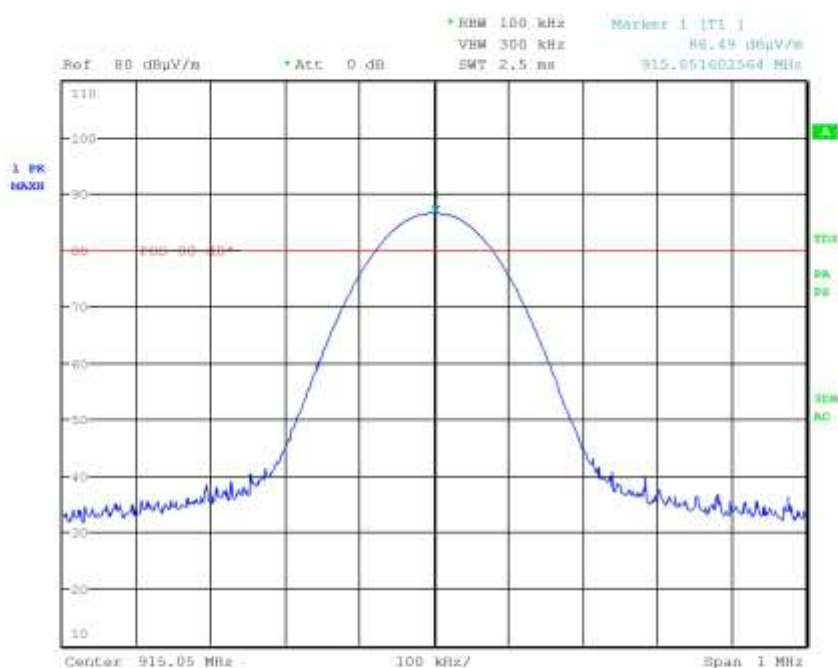
Meas Type Emission
Equipment under Test
Manufacturer
OP Condition FMIN
Operator Gandini 14035006
Test Spec
Vert

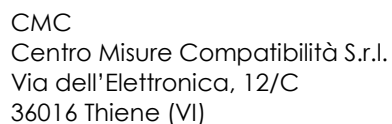




G14035010

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





RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 47.73 dBμV/m
 SWT 2.5 dB 920.996794872 MHz

Span 1 MHz

Ref: 80 dBm/V/m * Att: 0 dB * RBW: 100 kHz Marker 1: [T1] 87.73 dBm/V/m
 VBW: 300 kHz SWT: 2.5 ns 920.994794872 MHz

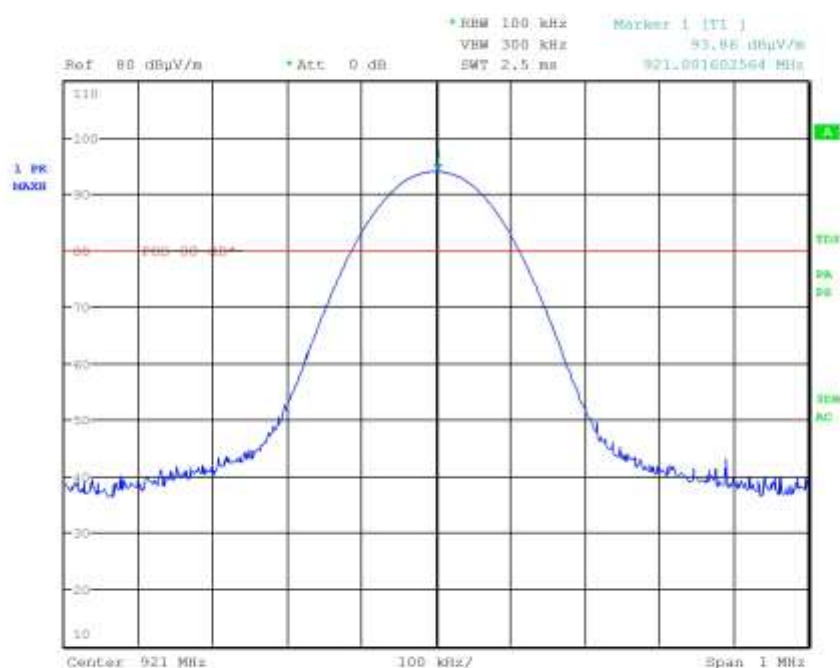
1 PR
 MAX

Center 921 MHz 100 kHz/ Span 1 MHz



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

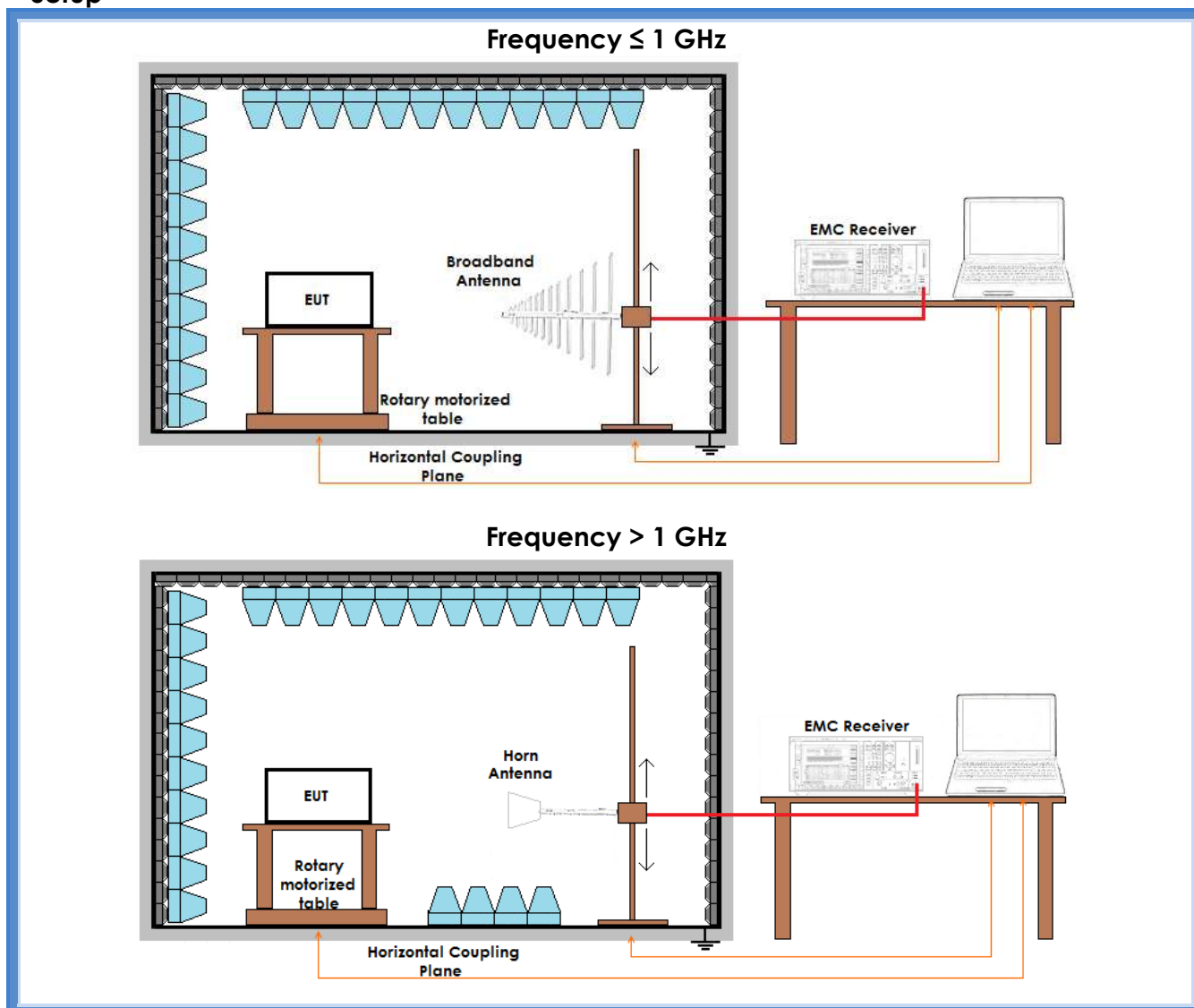
Environmental conditions

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

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

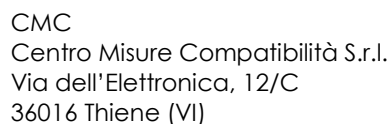


Setup



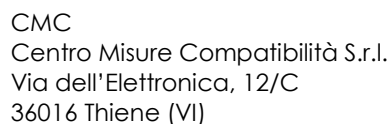
Result

Frequency (MHz)	Graph(s)	Results	
915,050	G14035007	F _L : 914,808	Complies
	G14035008		
927,750	G14035003	F _H : 927,983	Complies
	G14035004		



G14035003





1 PR 10X01

Ref 88 dBμV/m * Att. 0 dB * RBW 100 kHz VEM 300 kHz SWT 10 ms Marker 2 [T1 1] 93.64 dBμV/m 928.157051202 MHz

110
100
90
80
70
60
50
40
30
20
10

66 dBμV/m

902.15705

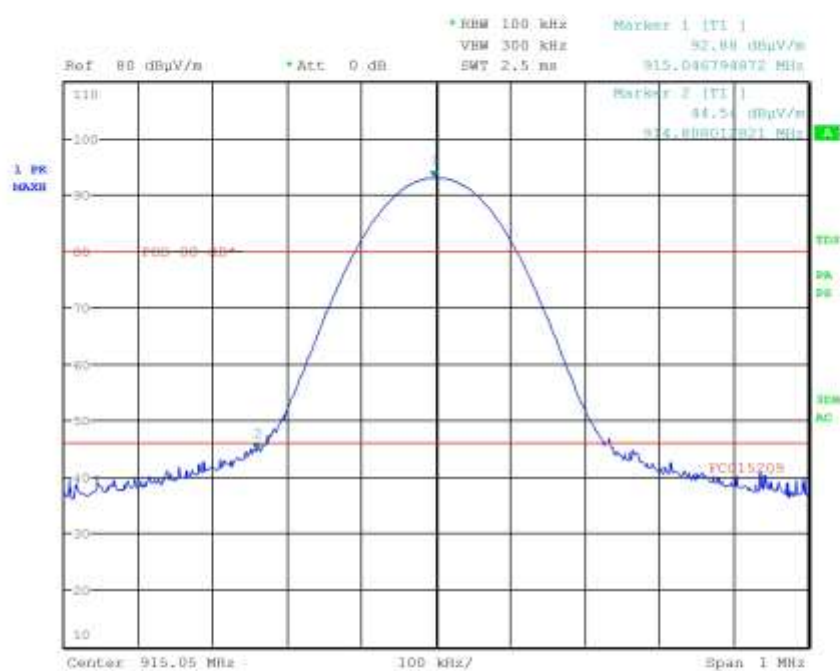
Marker 2 [T1 1]
93.64 dBμV/m
928.157051202 MHz

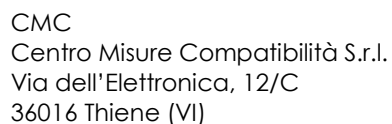
Start 902 MHz 9.8 MHz/ Stop 1 GHz



G14035007

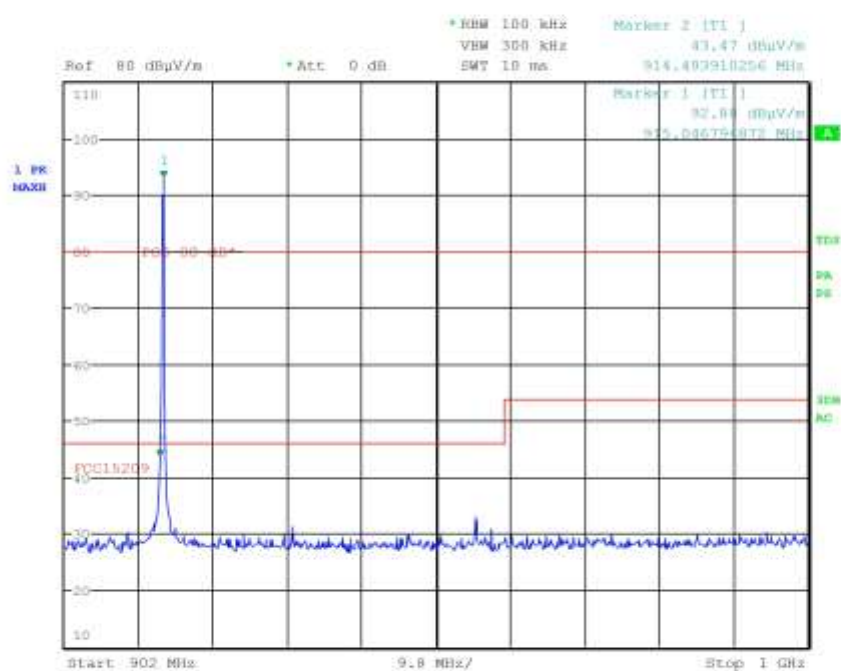
Meas Type Emission
Equipment under Test
Manufacturer
OP Condition FMIN
Operator Gandini 14035007
Test Spec
Vert





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

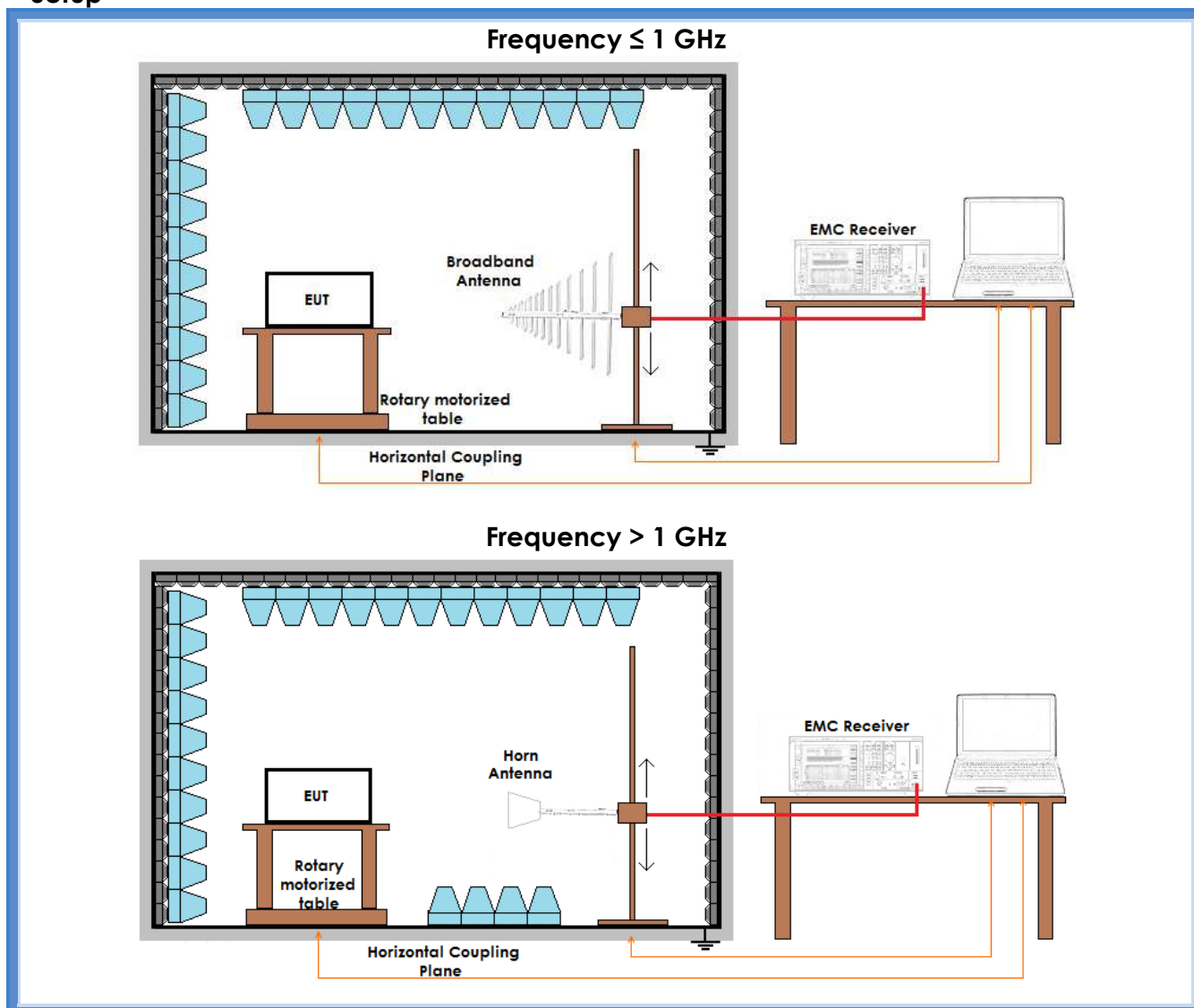
Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
21	98	48

Acceptance limits

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



Setup





Graph:

From G14035024

Result – AV detector

Harmonic	Limits (dB μ V/m)	Level (dB μ V/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 (dB μ V/m)	Level (dB μ V/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