CMC Centro Misure Compatibilità S.r.l.
Via dell'Elettronica, 12/C
36016 Thiene (VI) – ITALY
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www.cmclab.it - info@cmclab.it

Independent Testing Laboratory

TEST REPORT nr. R15080101

Federal Communication Commission (FCC)

Test item

Description .....: TRANSCEIVER UNIT
Trademark .....: AUTEC
Model/Type .....: Model LKN Type DA1DM
FCC ID .....: OQA-LKNDA1DM

Test Specification

Standard .....: FCC Rules & Regulations, Title 47:2014
Part 15 paragraph(s): 203, 204, 207, 209 and 249

Client's name .....: AUTEC 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 .....: 01.10.15
Contents.....: 48 pages

Index

1. Summary

Standard:

FCC Rules & Regulations, Title 47:2014
Part 15 paragraph(s): 203, 204, 207, 209 and 249

Test specifications	*Environmental Phenomena*	*Tests sequence*	*Result*
Part 15.203	Antenna requirements	1	Complies
Part 15.207	Conducted emissions	--	N.A. (+)
Part 15.209	Radiated emissions	2	Complies
Part 15.209 and 15.249	Peak Output Power	3	Complies
Part 15.249 (d)	Band edge	4	Complies
Part 15.209	Spurious emission	5	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 ..... : 3,7 Vdc from battery

Serial Number ..... : --

Type of equipment ..... : ☑ Transmitter Unit

☑ Receiver Unit

Type of station ..... : ❑ Fixed station

☑ Portable station

❑ Mobile station

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

2.1 Test Site

Company ..... : CMC Centro Misure Compatibilità S.r.l.

Address ..... : Via dell'Elettronica, 12/C

36016 Thiene (VI) – ITALY

Test site facility's FCC registration number ..... : 271947

3. Testing and sampling

Date of receipt of test item ..... : 04.05.15

Testing start date ..... : 04.05.15

Testing end date ..... : 25.05.15

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

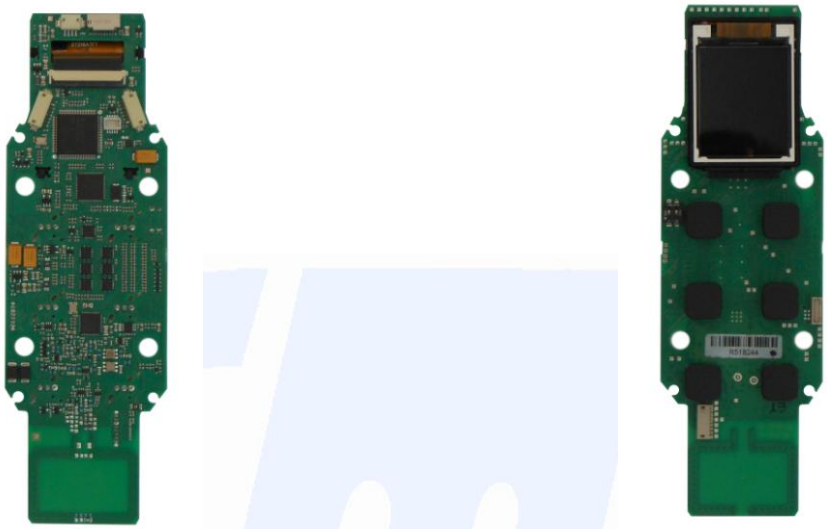
Internal identification ..... : adhesive label with the product number P150490

4. Operative conditions

EUT exercising ..... : EUT in continuous transmission at maximum power

5. Photograph(s) of EUT

5.1 Photograph(s) of EUT



6. Equipment list

Id. number	*Manufacturer*	*Model*	*Description*	*Serial number*	*Last calibration*	*Due date calibration*
CMC S010	Rohde & Schwarz	ESH3-Z2	Impulses Limiting Device	- - -	January '15	January '16
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 '15	January '16
CMC S200	Schwarzbeck	NSLK 8128	V-LISN	8128-273	January '15	January '16
CMC S227	Rohde & Schwarz	ESR7	EMI Test Receiver 7GHz	101121	January '15	January '16

7. Measurement uncertainty

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

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 15:2014	--
ANSI C63.4:2009	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

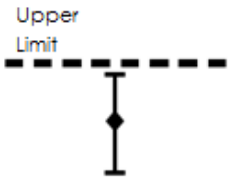
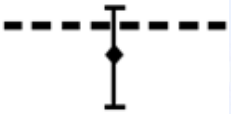
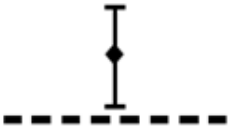
Test case does not apply to the test object ..... : N.A.
Test item does meet the requirement ..... : Complies
Test item does not meet the requirement..... : Does not comply
Test not performed ..... : N.E.

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 complies with the requirement.	The sample complies with the requirement.	The sample does not comply with the requirement.	The sample does not comply with the requirement.
The measurement results is within the specification limit when the measurement uncertainty is taken into account.	It is not possible to state compliance using a 95% coverage probability for the expanded uncertainty although the measurement result is below the limit.	It is not possible to state compliance using a 95% coverage probability for the expanded uncertainty also the measurement result is upper the limit.	The measurement results is outside the specification limit when the measurement uncertainty is taken into account.

In agreement with ILAC-G8: 03/2009 Guidelines on the Reporting of Compliance with Specification.

11.1 Antenna requirements

Test set-up and execution

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

Test configuration 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 (%)*
18	100	40

Result

Antenna Type	*External R.F. power amplifier*	*Gain*	*Remarks*	*Results*
Integral antenna	Not Present	--	--	Complies
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
- 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

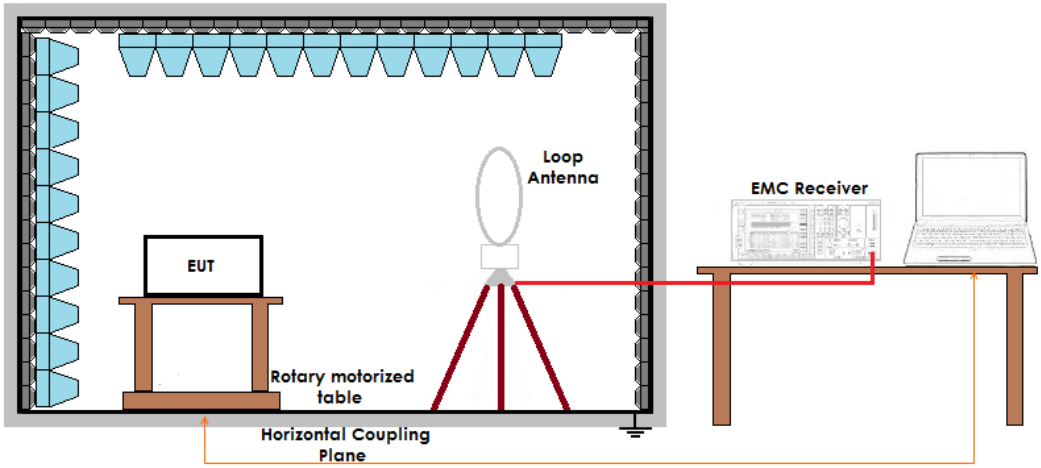
Temperature (°C)	*Atmospheric pressure (kPa)*	*Relative humidity (%)*
20	100	42

Acceptance limits

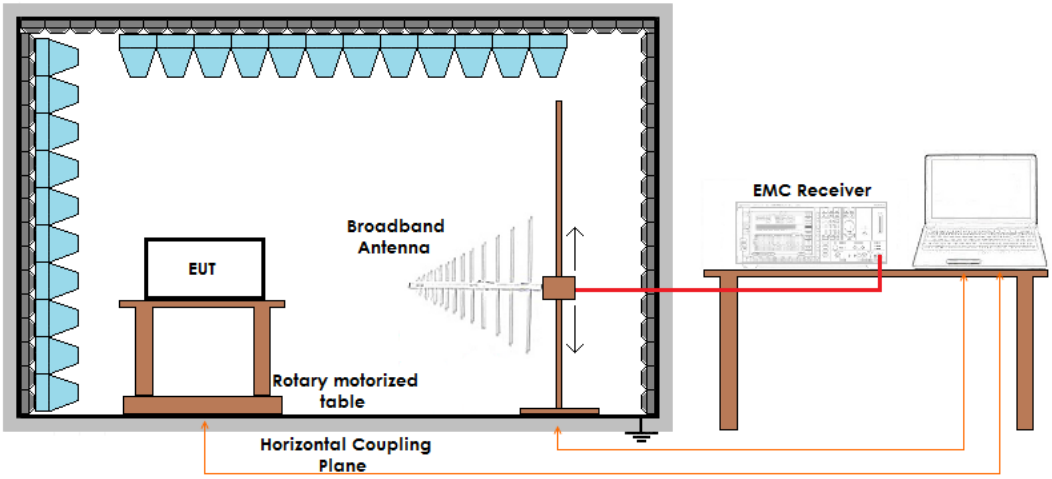
Frequency range (MHz)	*Limits [dB(µV/m)]*
0,009 to 0,490	128,51 to 93,80
0,490 to 1,705	73,80 to 62,97
1,705 to 30	69,54
30 to 88	40
88 to 216	43,52
216 to 960	46,02
Above 960	53,98
Remarks: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except 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

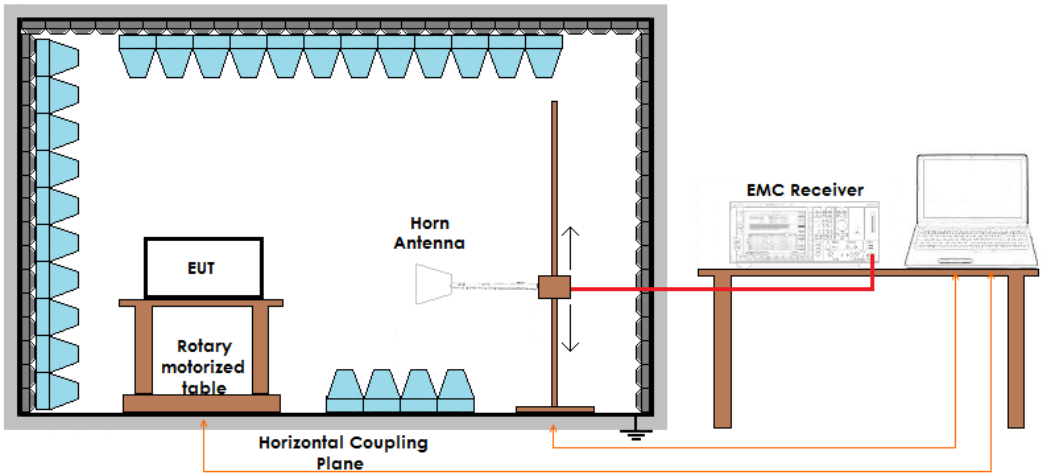
Frequency ≤ 30 MHz



Frequency ≤ 1 GHz



Frequency > 1 GHz



Result

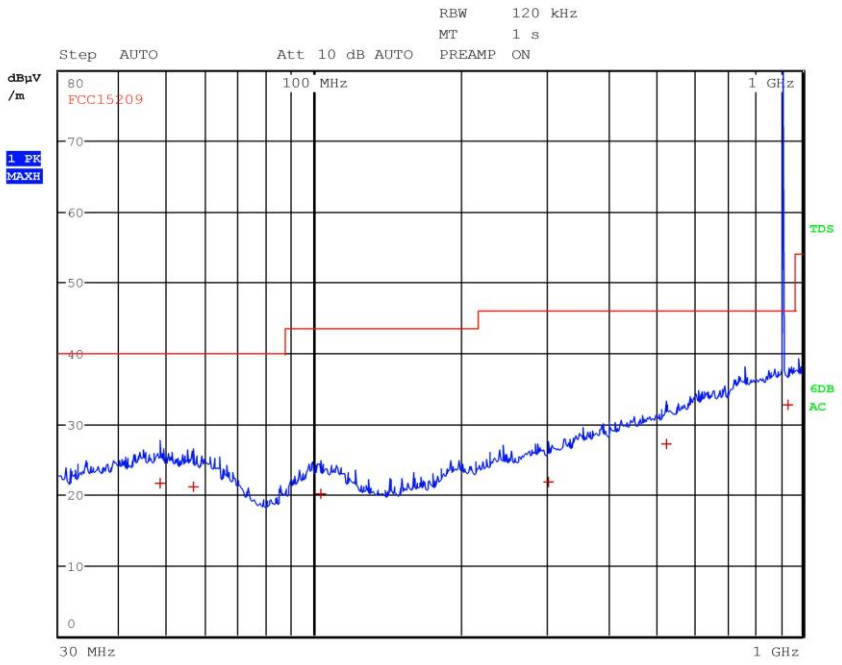
Polarization	*Frequency Range (MHz)*	*Graphs*	*Remarks*	*Result*
Loop	0,009 – 30	G15080108	Worst case	Complies
V	30 – 1000	G15080102	Lowest frequency	Complies
H	30 – 1000	G15080101	Lowest frequency	Complies
V	30 – 1000	G15080103	Medium frequency	Complies
H	30 – 1000	G15080104	Medium frequency	Complies
V	30 – 1000	G15080106	Highest frequency	Complies
H	30 – 1000	G15080105	Highest frequency	Complies
V	1000 – 10000	G15080144	Worst case	Complies
H	1000 – 10000	G15080143	Worst case	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

G15080101

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx-Rx -Fmin
Operator Gandini 15080101
Test Spec
Horiz



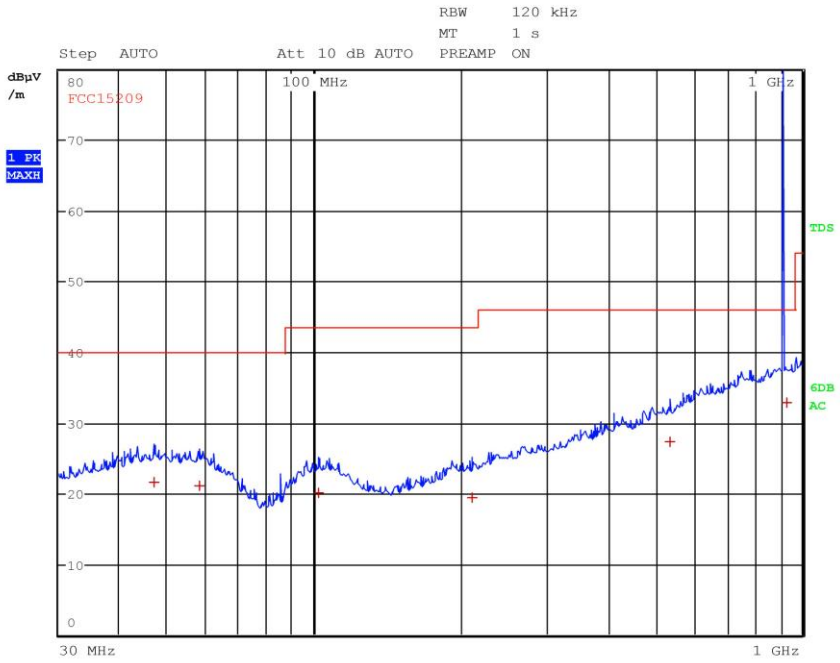
Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 6

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	48.240000000 MHz	21.58	Quasi Peak	-18.42
1	56.720000000 MHz	21.15	Quasi Peak	-18.85
1	103.280000000 MHz	20.00	Quasi Peak	-23.52
1	302.240000000 MHz	21.79	Quasi Peak	-24.23
1	526.640000000 MHz	27.12	Quasi Peak	-18.90
1	933.160000000 MHz	32.72	Quasi Peak	-13.30

G15080102

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx-Rx -Fmin
Operator Gandini 15080102
Test Spec
Vert



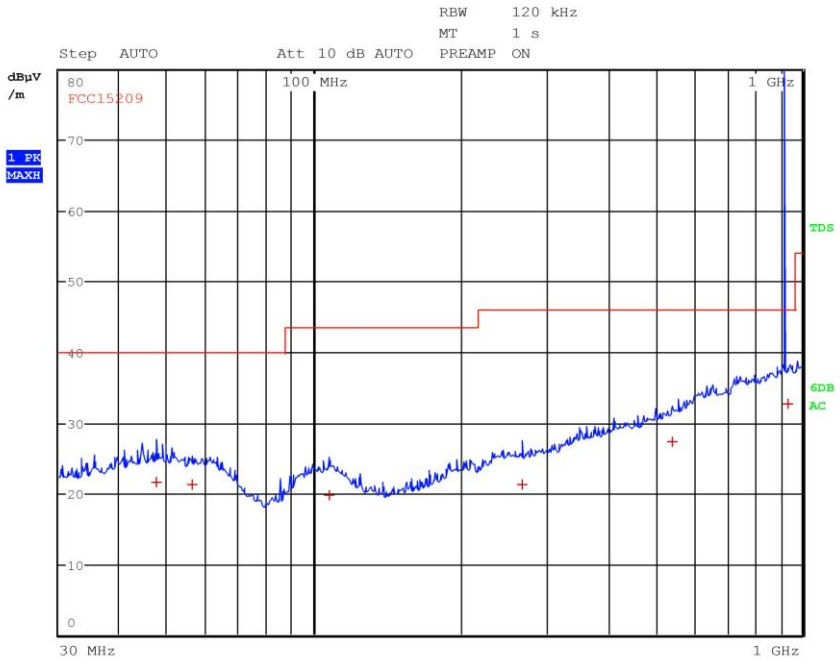
Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 6

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	47.080000000 MHz	21.60	Quasi Peak	-18.40
1	58.200000000 MHz	21.11	Quasi Peak	-18.89
1	102.200000000 MHz	20.05	Quasi Peak	-23.47
1	210.520000000 MHz	19.40	Quasi Peak	-24.12
1	535.160000000 MHz	27.28	Quasi Peak	-18.74
1	928.680000000 MHz	32.85	Quasi Peak	-13.17

G15080103

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx-Rx -Fmid
Operator Gandini 15080103
Test Spec
Vert



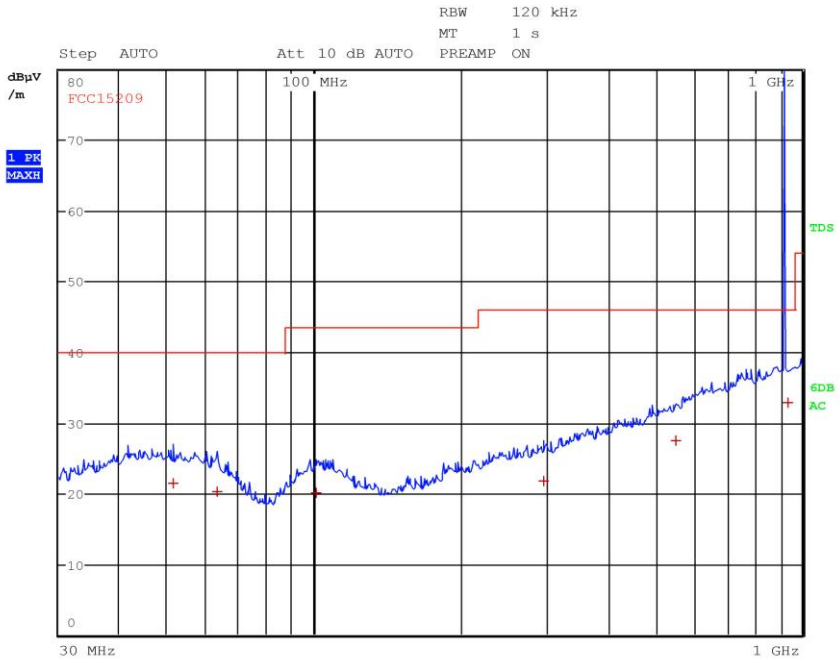
Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 6

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	47.440000000 MHz	21.64	Quasi Peak	-18.36
1	56.120000000 MHz	21.18	Quasi Peak	-18.82
1	107.360000000 MHz	19.81	Quasi Peak	-23.71
1	266.560000000 MHz	21.19	Quasi Peak	-24.83
1	541.600000000 MHz	27.38	Quasi Peak	-18.64
1	934.800000000 MHz	32.77	Quasi Peak	-13.25

G15080104

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx-Rx -Fmid
Operator Gandini 15080104
Test Spec
Horiz



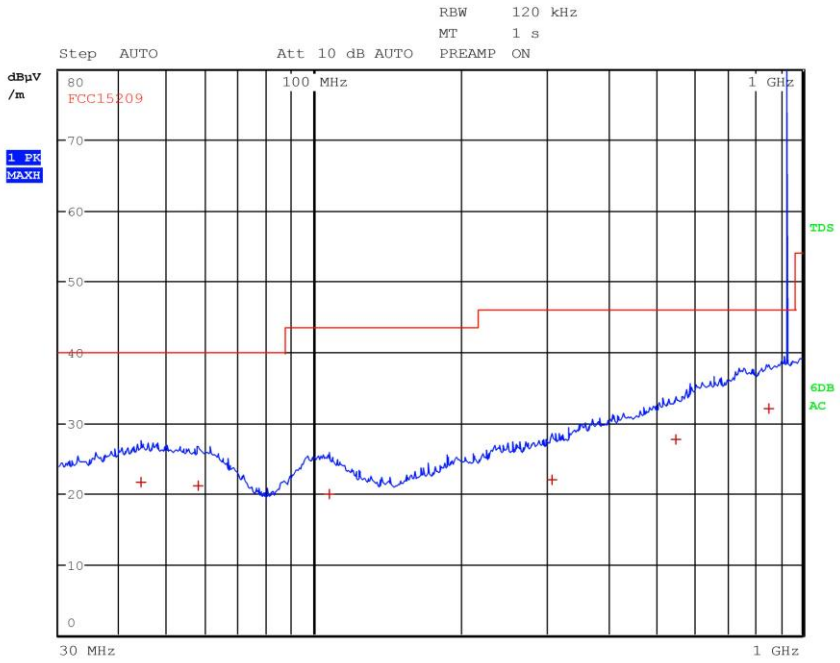
Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 6

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	51.280000000 MHz	21.44	Quasi Peak	-18.56
1	63.280000000 MHz	20.19	Quasi Peak	-19.81
1	100.720000000 MHz	20.00	Quasi Peak	-23.52
1	294.800000000 MHz	21.79	Quasi Peak	-24.23
1	552.040000000 MHz	27.54	Quasi Peak	-18.48
1	934.040000000 MHz	32.80	Quasi Peak	-13.22

G15080105

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx-Rx -Fmax
Operator Gandini 15080105
Test Spec
Horiz



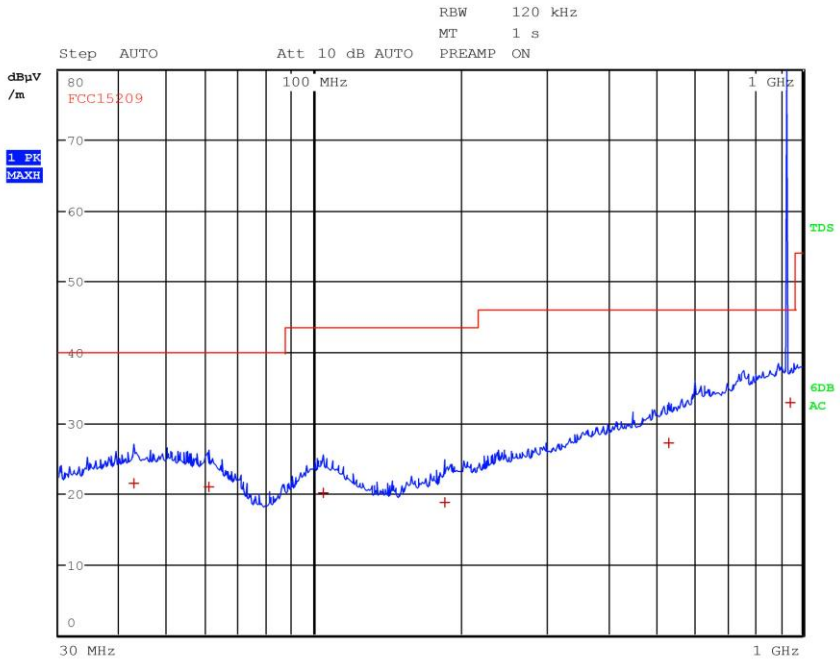
Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 6

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	44.080000000 MHz	21.51	Quasi Peak	-18.49
1	57.880000000 MHz	21.08	Quasi Peak	-18.92
1	107.120000000 MHz	19.87	Quasi Peak	-23.65
1	306.600000000 MHz	21.96	Quasi Peak	-24.06
1	551.720000000 MHz	27.58	Quasi Peak	-18.44
1	853.280000000 MHz	32.06	Quasi Peak	-13.96

G15080106

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx-Rx -Fmax
Operator Gandini 15080106
Test Spec
Vert



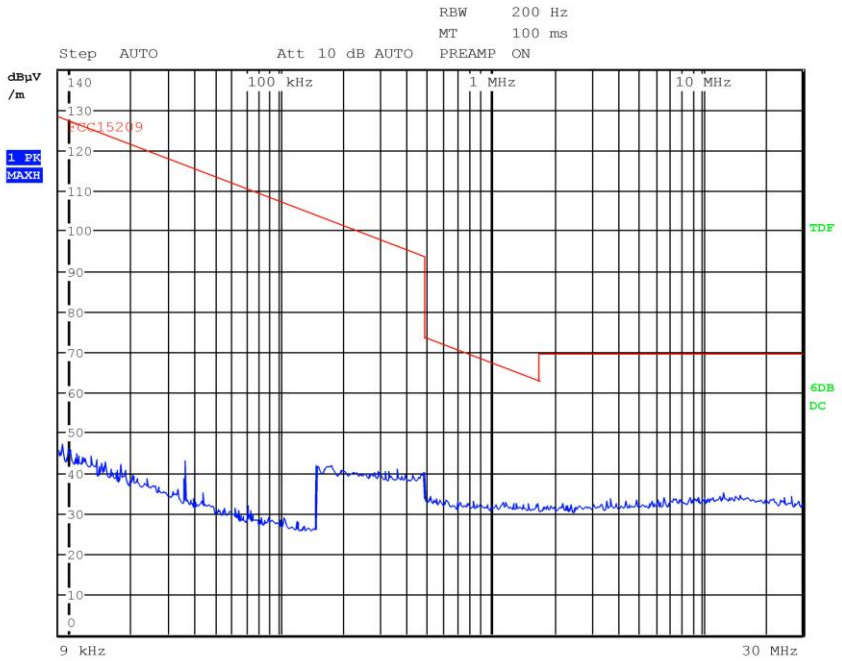
Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 6

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	42.600000000 MHz	21.40	Quasi Peak	-18.60
1	60.960000000 MHz	20.95	Quasi Peak	-19.05
1	104.360000000 MHz	20.02	Quasi Peak	-23.50
1	185.480000000 MHz	18.81	Quasi Peak	-24.71
1	533.320000000 MHz	27.20	Quasi Peak	-18.82
1	943.360000000 MHz	32.82	Quasi Peak	-13.20

G15080108

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx-Rx
Operator Gandini 15080108
Test Spec
Loop

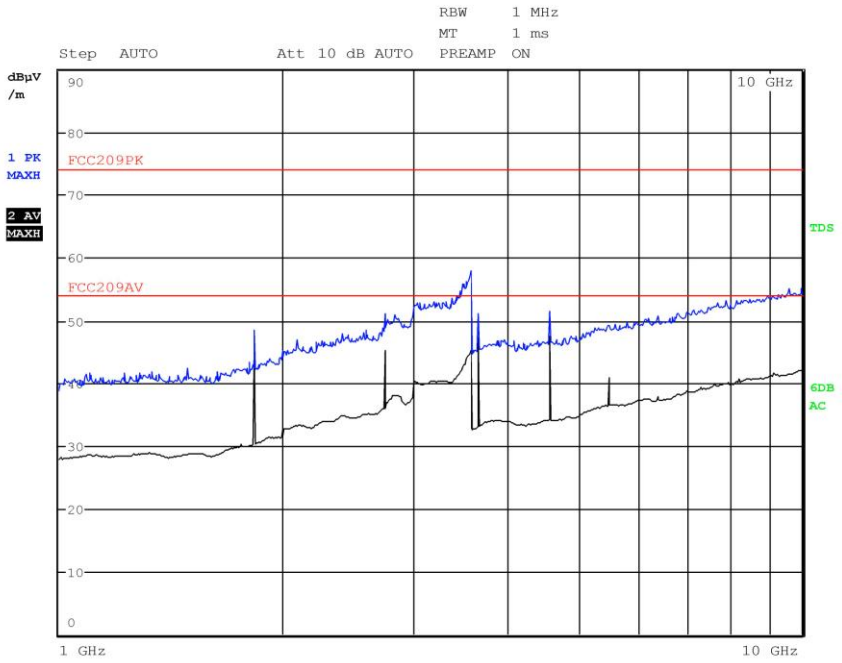


Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 0

G15080143

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx - Rx
Operator Gandini 15080143
Test Spec
Horiz

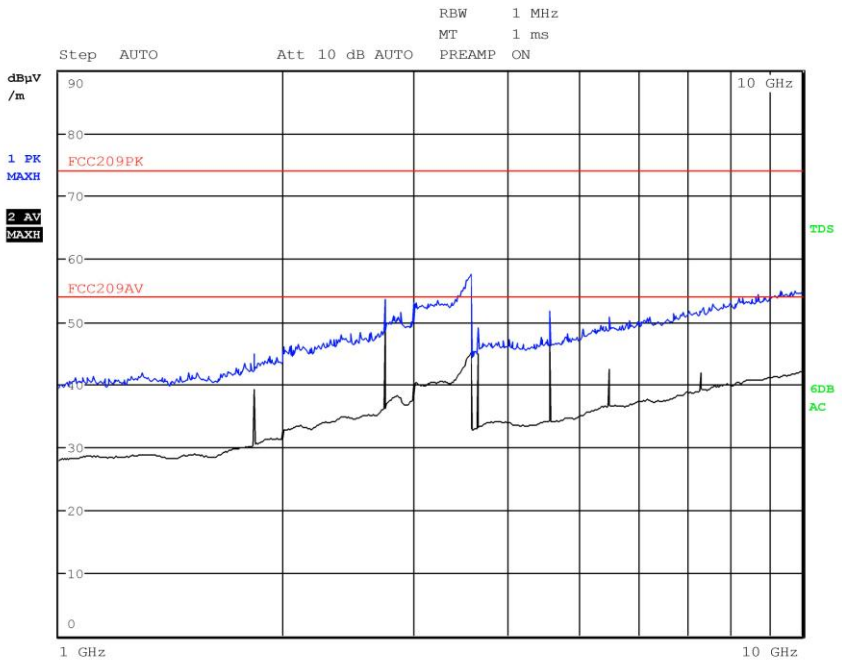


Final Measurement

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

G15080144

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx - Rx
Operator Gandini 15080144
Test Spec
Vert



Final Measurement

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

Result: The requirements are met

11.3 Peak Output Power

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.209 and Part 15.249
- 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

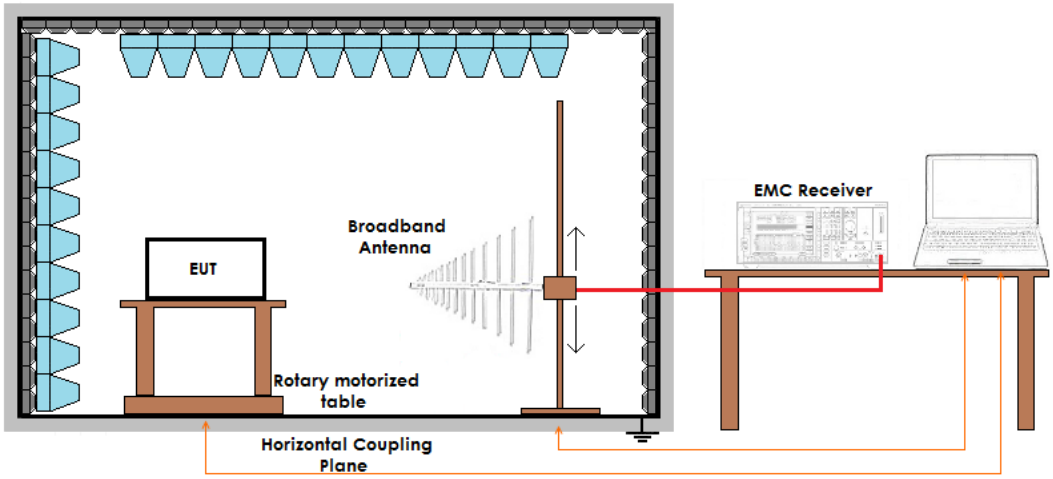
Temperature (°C)	*Atmospheric pressure (kPa)*	*Relative humidity (%)*
20	100	40

Acceptance limits

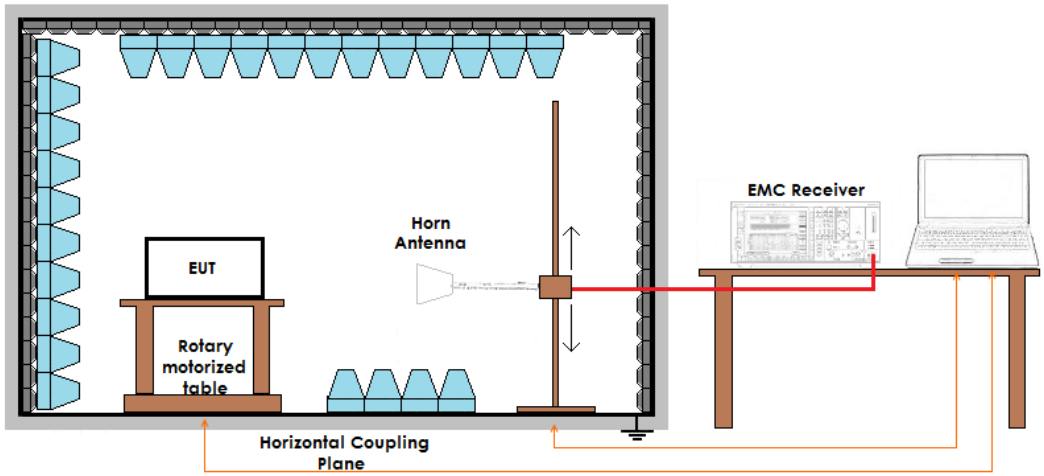
Frequency range (MHz)	*RF Power Output dB(µV/m)*
902 – 928	94

Setup

Frequency ≤ 1 GHz



Frequency > 1 GHz



Result

Frequency (MHz)	*Polarization*	*Graphs*	*Measured QP level (dBµV/m)*	*Peak Output Power (mW)*	*Remarks*
915,047	Horizontal	G15080129	93,71	0,705	--
915,048	Vertical	G15080136	81,58	0,043	--
921,005	Horizontal	G15080115	93,45	0,664	--
921,000	Vertical	G15080120	81,47	0,042	--
927,755	Horizontal	G15080124	93,63	0,692	--
927,747	Vertical	G15080121	80,80	0,036	--

Remarks

$P = (E \times d)^2 / (30 \times G)$

Where:

E = the measured maximum fundamental field strength in V/m

G = the numeric gain of the transmitting antenna: 1 (0 dBi)

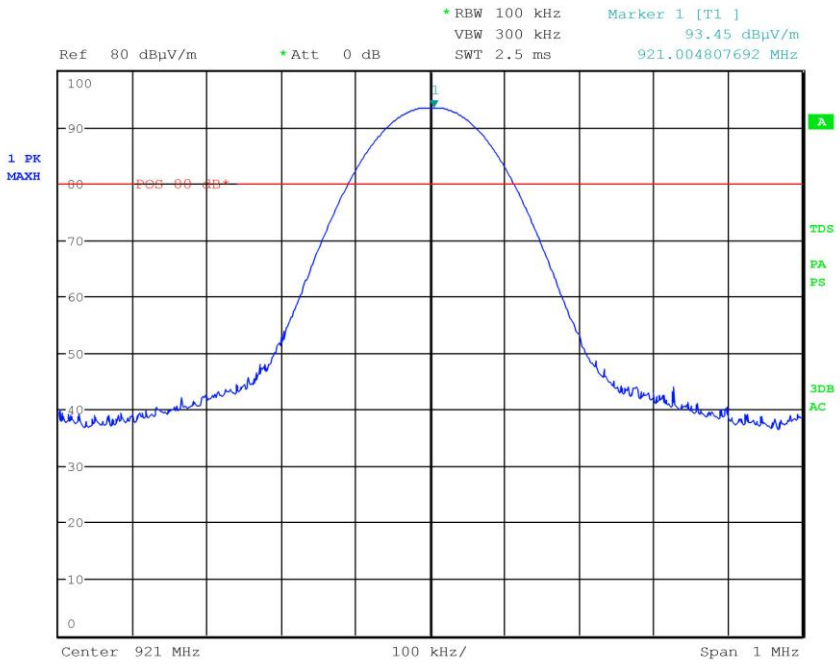
d = the distance in meters from which the field strength was measured (3 m)

P = the power in watts

Graphs

G15080115

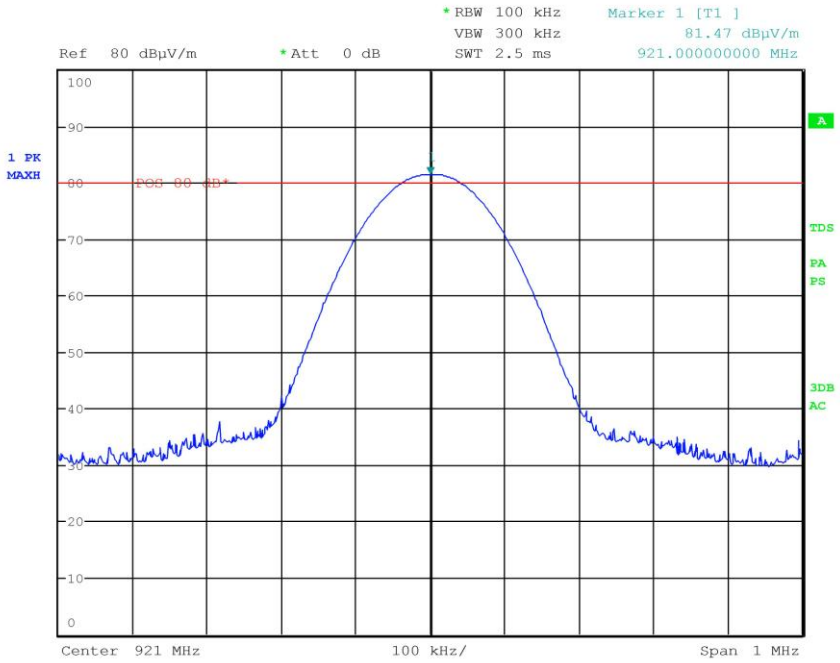
Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx - Fmid
Operator Gandini 15080115
Test Spec
Horiz - EUT Horiz



G15080120

Meas Type	Emission
Equipment under Test	
Manufacturer	
OP Condition	Tx - Fmid
Operator	Gandini 15080120
Test Spec	

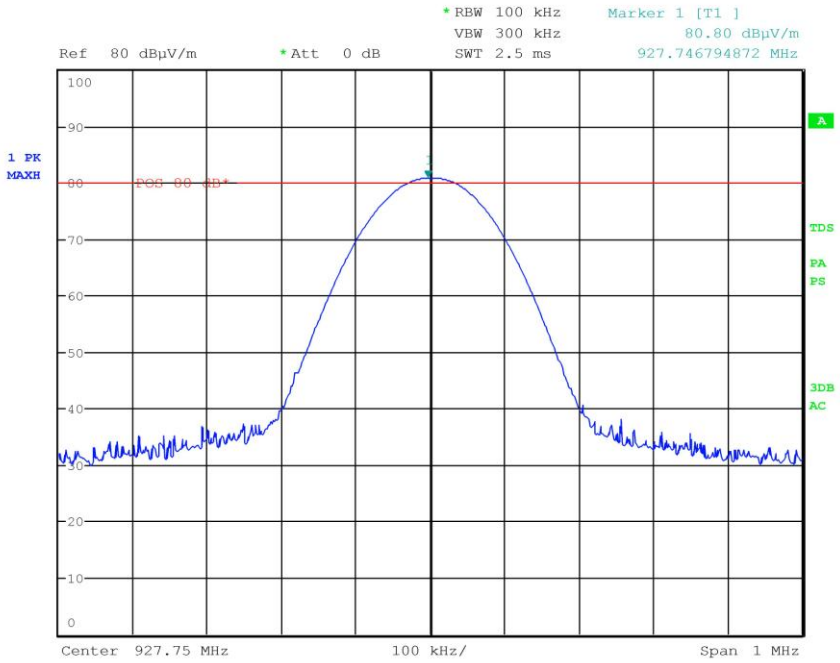
Vert - EUT Horiz



G15080121

Meas Type	Emission
Equipment under Test	
Manufacturer	
OP Condition	Tx - Fmax
Operator	Gandini 15080121
Test Spec	

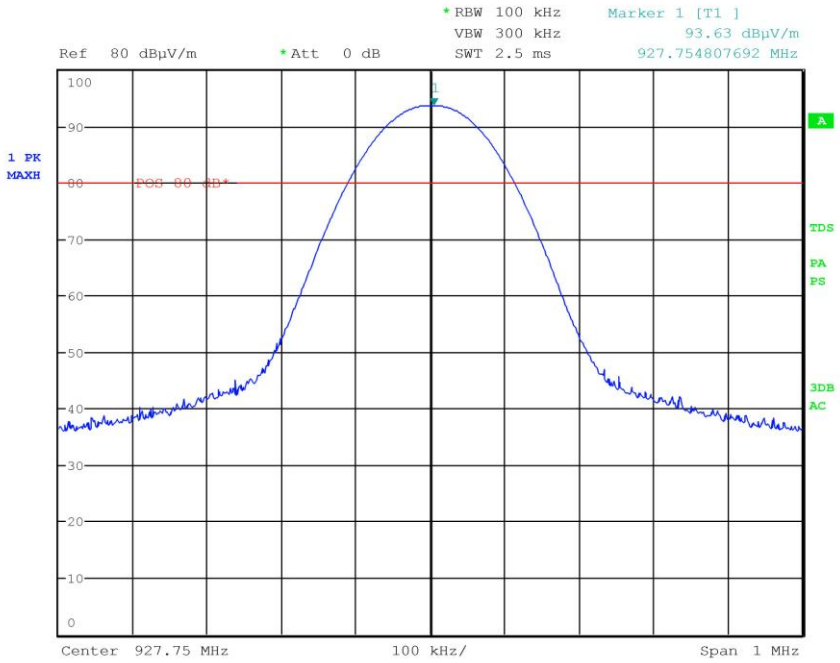
Vert - EUT Horiz



G15080124

Meas Type	Emission
Equipment under Test	
Manufacturer	
OP Condition	Tx - Fmax
Operator	Gandini 15080124

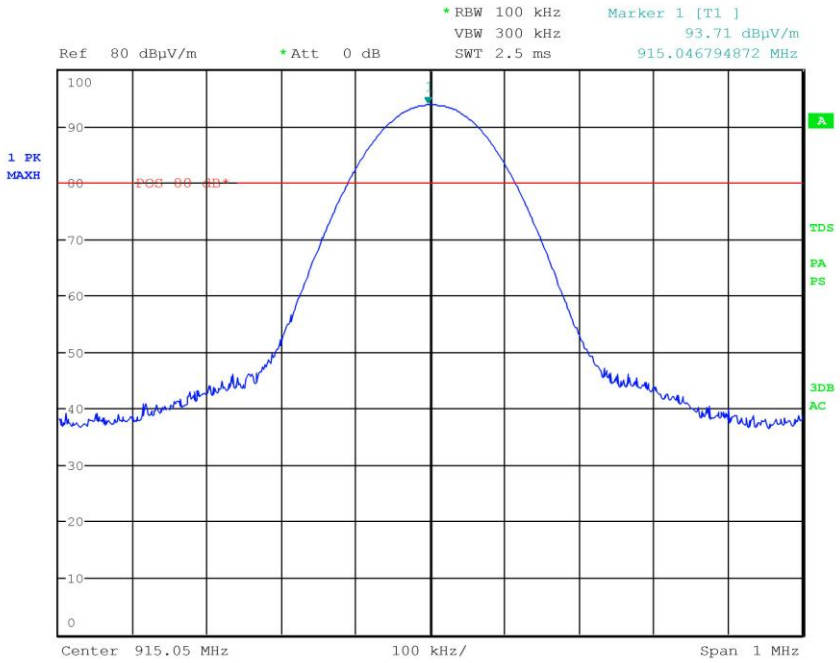
Test Spec
Horiz - EUT Horiz



G15080129

Meas Type	Emission
Equipment under Test	
Manufacturer	
OP Condition	Tx - Fmin
Operator	Gandini 15080129
Test Spec	

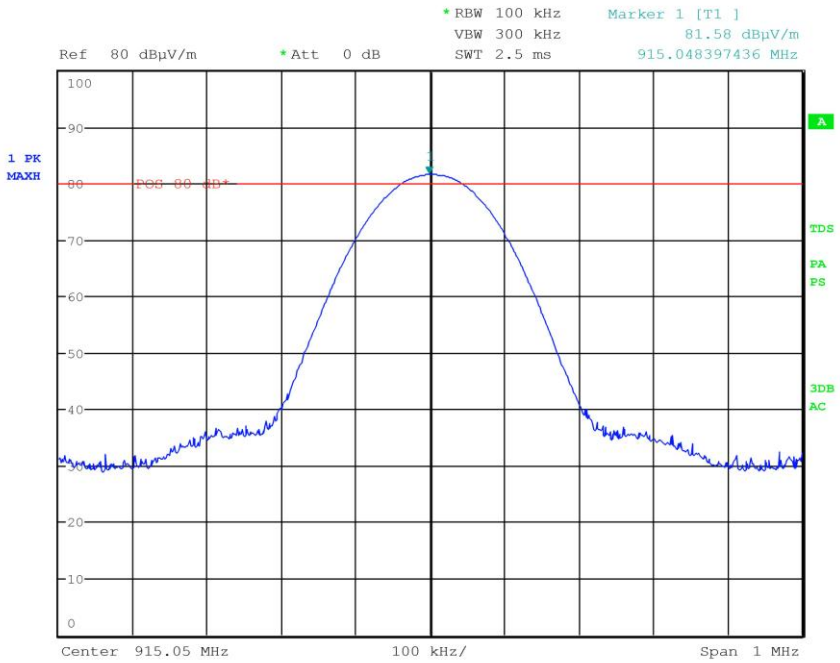
Horiz - EUT Horiz



G15080136

Meas Type	Emission
Equipment under Test	
Manufacturer	
OP Condition	Tx - Fmin
Operator	Gandini 15080136
Test Spec	

Vert - EUT Horiz



Result: The requirements are met

11.4 Band edge

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.249 (d)
- 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

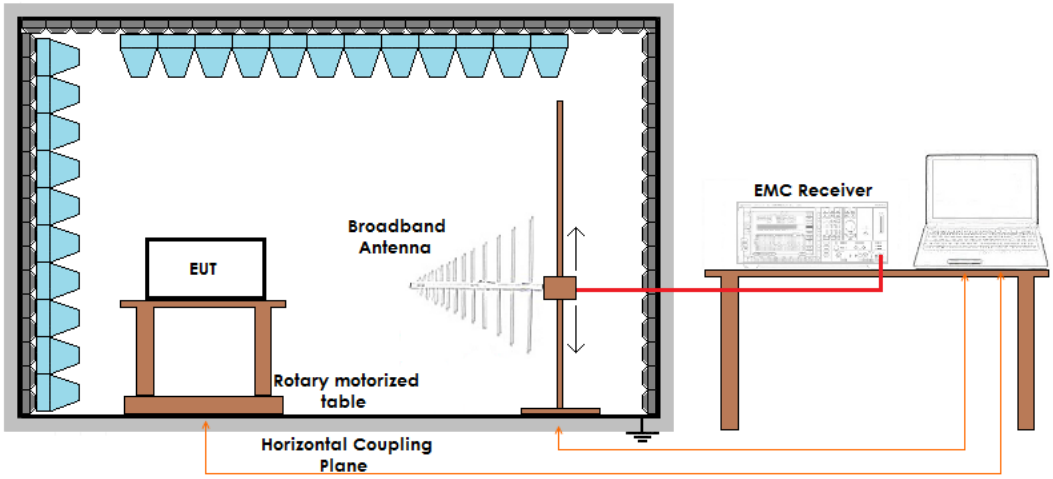
Environmental conditions

Temperature (°C)	*Atmospheric pressure (kPa)*	*Relative humidity (%)*
20	100	40

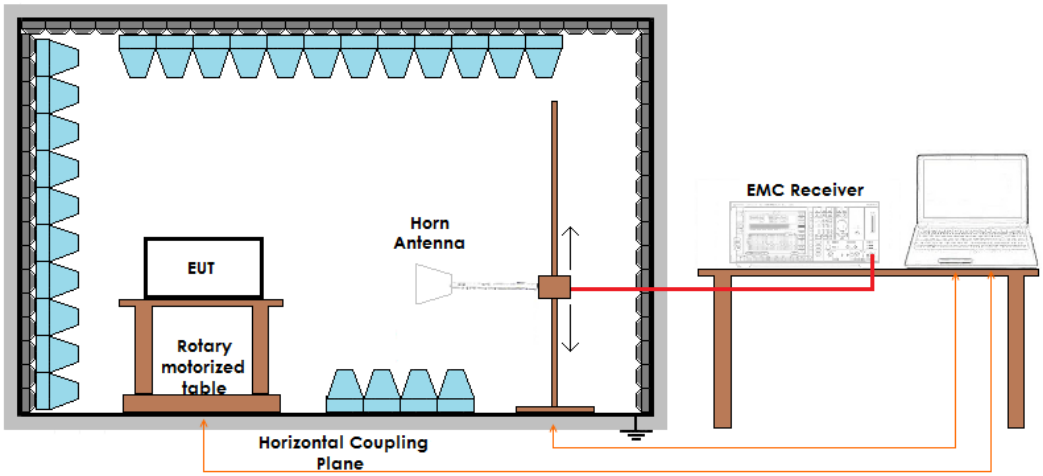
Acceptance limits: operation within the band 902 – 928 MHz

Setup

Frequency ≤ 1 GHz



Frequency > 1 GHz



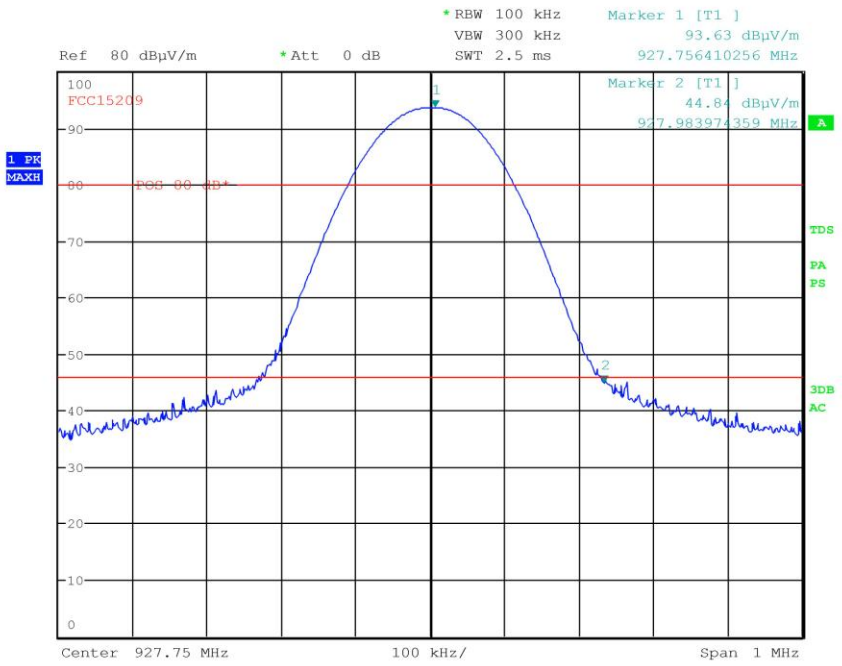
Result

Frequency (MHz)	*Graph(s)*	*Results*	
915,05	G15080130 G15080131	F_L: 914,791987 MHz	Complies
927,75	G15080125 G15080128	F_H: 927,983974 MHz	Complies

Graphs

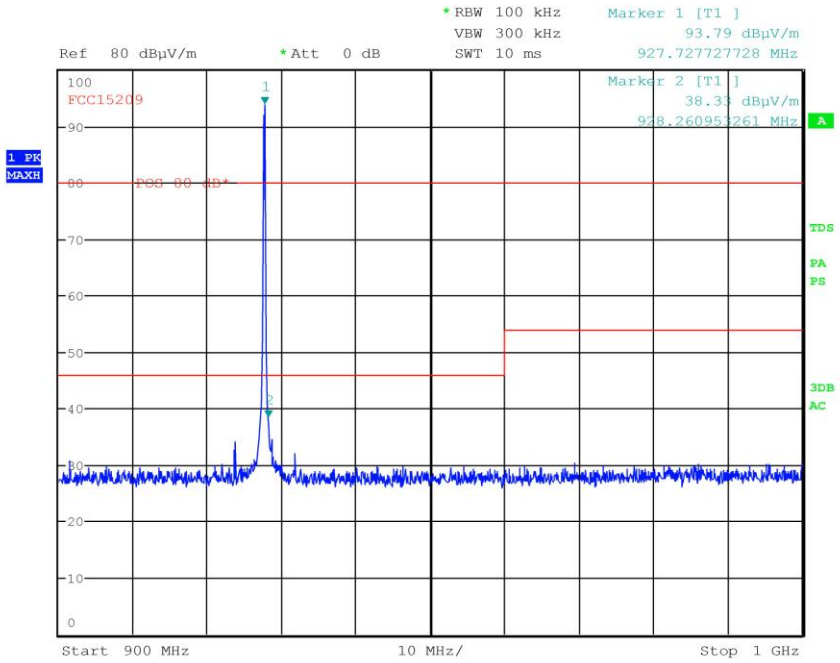
G15080125

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx - Fmax
Operator Gandini 15080125
Test Spec
Horiz - EUT Horiz



G15080128

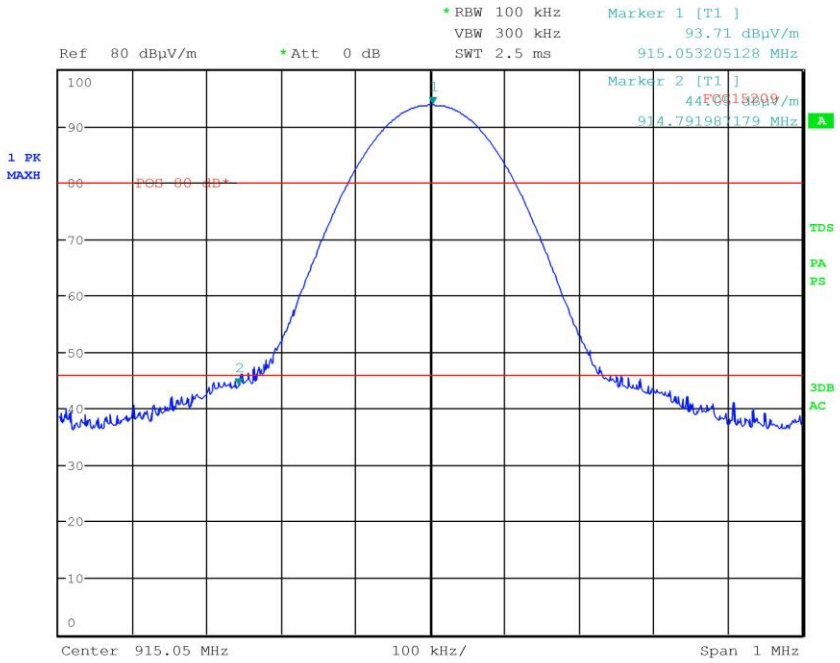
Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx - Fmax
Operator Gandini 15080128
Test Spec
Horiz - EUT Horiz



G15080130

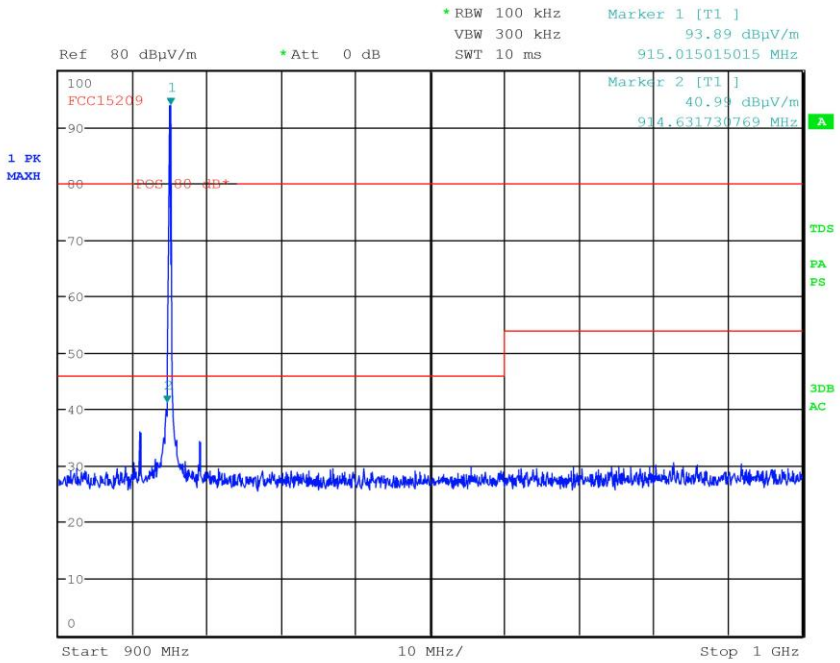
Meas Type	Emission
Equipment under Test	
Manufacturer	
OP Condition	Tx - Fmin
Operator	Gandini 15080130
Test Spec	

Horiz - EUT Horiz



G15080131

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx - Fmin
Operator Gandini 15080131
Test Spec
Horiz - EUT Horiz



Result: The requirements are met

11.5 Spurious Emission

Test set-up and execution

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

Test configuration 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

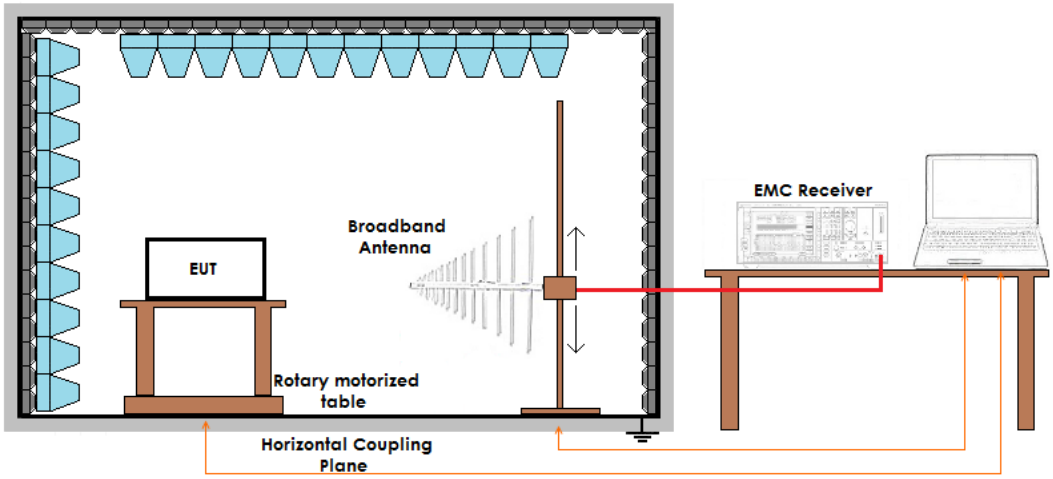
Temperature (°C)	*Atmospheric pressure (kPa)*	*Relative humidity (%)*
20	100	42

Acceptance limits

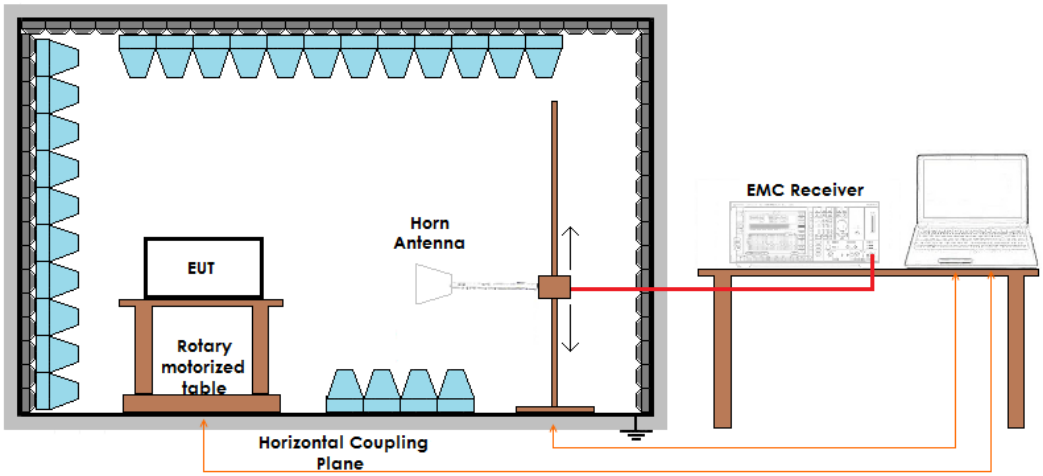
Frequency (MHz)	*AV limits [dB(µV/m)]*	*Peak limits [dB(µV/m)]*
> 1000	54	74

Setup

Frequency ≤ 1 GHz



Frequency > 1 GHz



Graphs:	G15080111, G15080112, G15080139, G15080140, G15080141, G15080142

Result – AV detector

Harmonic	*Limits (dBµV/m)*	*Level (dBµV/m)*			*Results*
		915,050 MHz	*921,000 MHz*	*927,750 MHz*	
II	54	38,79	37,58	37,40	Complies
III	54	46,87	45,53	46,85	Complies
IV	54	50,83	50,63	52,09	Complies
V	54	53,48	51,12	52,68	Complies
VI	54	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
VII	54	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
VIII	54	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
IX	54	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
X	54	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
Remarks: EUT was tested in 3 orthogonal planes. The results in this table show the highest values					

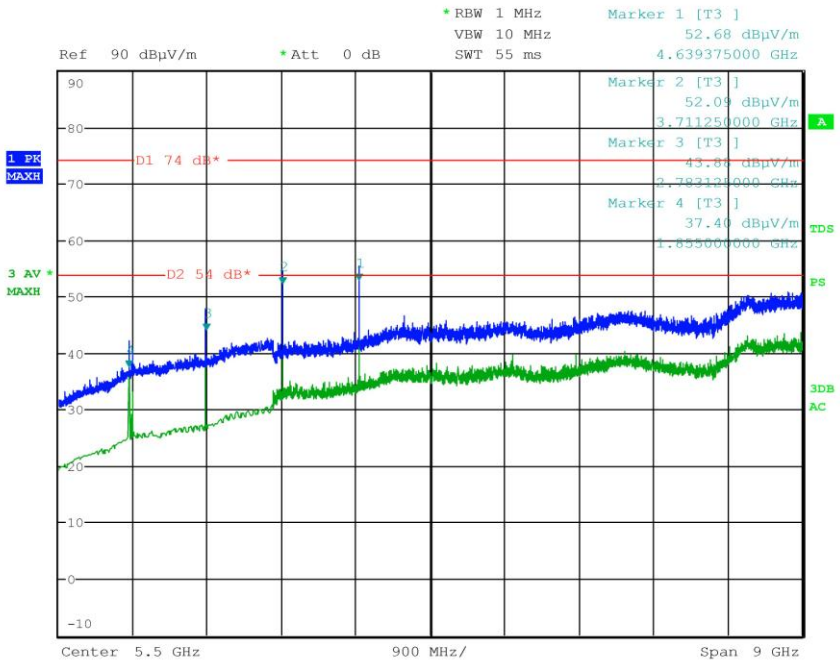
Result – Peak detector

Harmonic	*Limits (dBµV/m)*	*Level (dBµV/m)*			*Results*
		915,050 MHz	*921,000 MHz*	*927,750 MHz*	
II	74	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
III	74	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
IV	74	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
V	74	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
VI	74	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
VII	74	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
VIII	74	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
IX	74	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
X	74	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
Remarks: EUT was tested in 3 orthogonal planes. The results in this table show the highest values					

Graphs

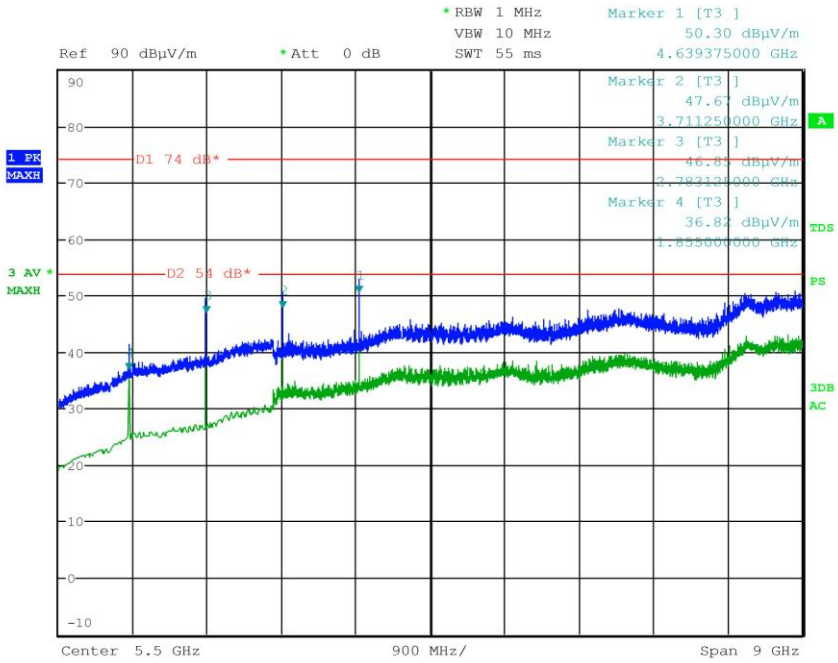
G15080111

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx - Fmax
Operator Gandini 15080111
Test Spec
Horiz-EUT Vert



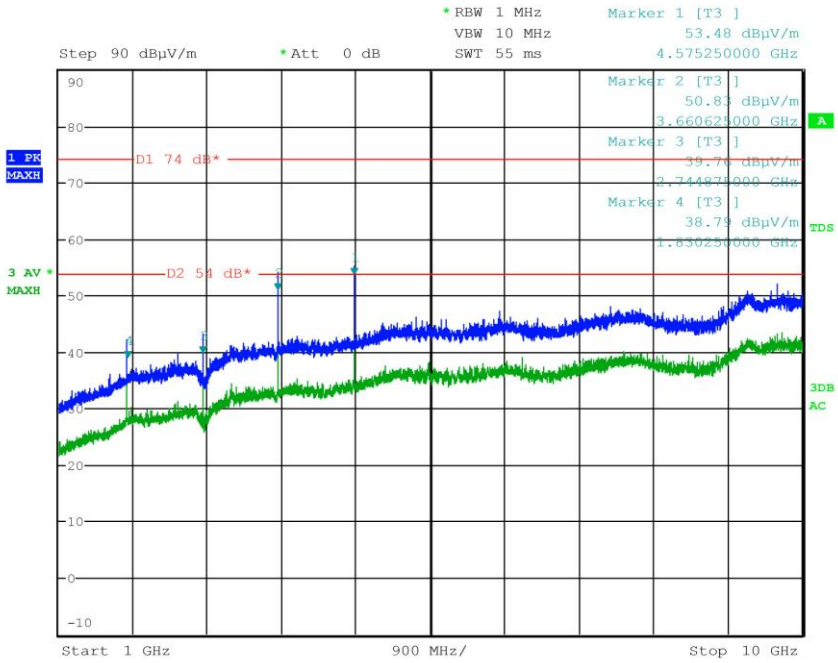
G15080112

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx - Fmax
Operator Gandini 15080112
Test Spec
Vert-EUT Vert



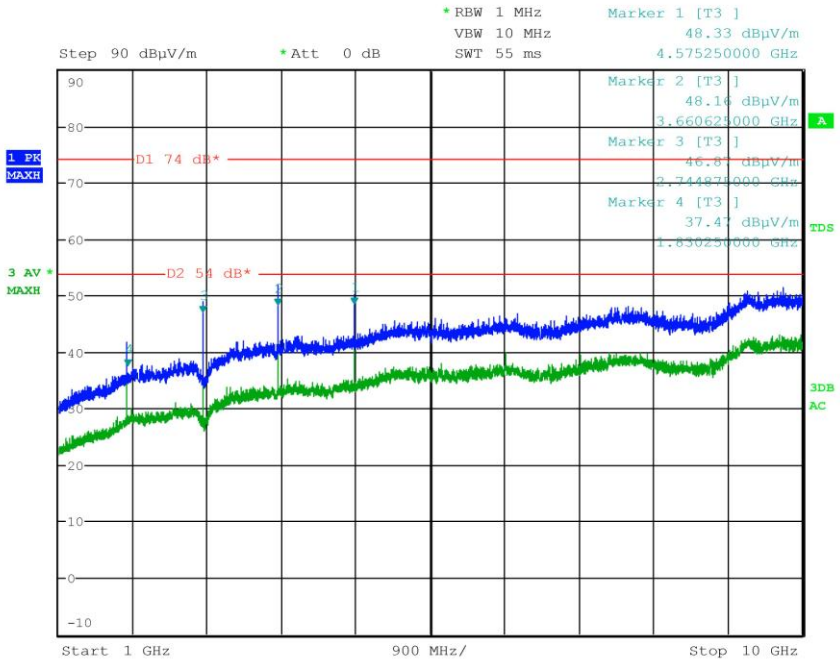
G15080139

Meas Type Emission 30-1000MHz
Equipment under Test
Manufacturer
OP Condition Tx - Fmin
Operator Gandini 15080139
Test Spec
Horiz - EUT Vert



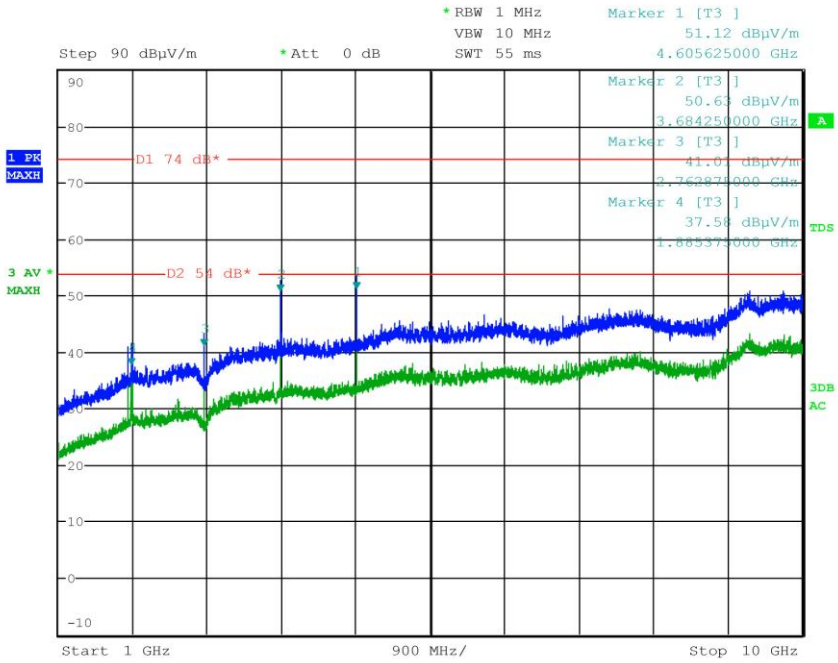
G15080140

Meas Type Emission 30-1000MHz
Equipment under Test
Manufacturer
OP Condition Tx - Fmin
Operator Gandini 15080140
Test Spec
Vert - EUT Vert



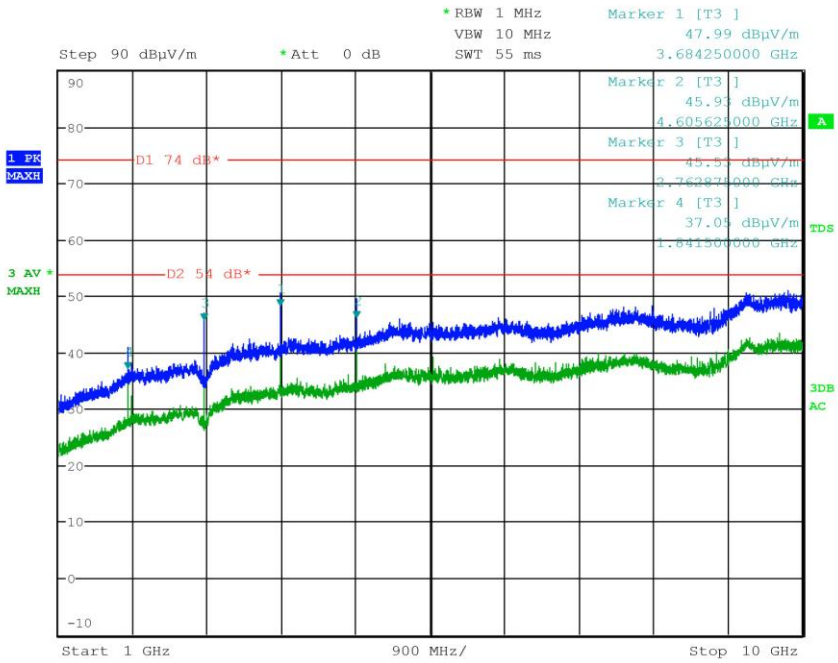
G15080141

Meas Type Emission 30-1000MHz
Equipment under Test
Manufacturer
OP Condition Tx - Fmid
Operator Gandini 15080141
Test Spec
Horiz - EUT Vert



G15080142

Meas Type Emission 30-1000MHz
Equipment under Test
Manufacturer
OP Condition Tx - Fmid
Operator Gandini 15080142
Test Spec
Vert - EUT Vert



Result: The requirements are met