



TEST REPORT nr. R10104101_rev20

Federal Communication Commission (FCC)

Industry Canada (IC)

This test report cancel and replace document nr. R10104101 date 29.09.10

Test item

Description..... : Transceiver Unit
Trademark..... : AUTECH
Model/Type..... : Model FJM Type NF022

Test Specification

Standard..... : FCC Rules & Regulations, Title 47 (2005) - Part 15 paragraph(s) : 247(a), 247(b),
247(c), 209 and 207
RSS-210 (2007) – Annex 8

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*

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

Date of issue..... : 22.10.10

Contents..... : 48 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 RSS-210 (2007)			
Test specifications	Environmental Phenomena	Tests sequence	Result
FCC – Title 47 Part 15.203 and 15.204 IC – RSS-210	Antenna Requirement	1	Complies
FCC – Title 47 Part 15.247 IC – RSS-210 Annex 8	Bandwidth	5	Complies
FCC – Title 47 Part 15.247 IC – RSS-210 Annex 8	Channel Separation	3	Complies
FCC – Title 47 Part 15.247 IC – RSS-210 Annex 8	Time of Occupancy	4	Complies
FCC – Title 47 Part 15.247 IC – RSS-210 Annex 8	Number of Hopping Frequency	2	Complies
FCC – Title 47 Part 15.247 IC – RSS-210 Annex 8	Peak Output Power	7	Complies
FCC – Title 47 Part 15.247 IC – RSS-210 Annex 8	Band Edge	8	Complies
FCC – Title 47 Part 15.247 FCC – Title 47 Part 15.209 IC – RSS-210 Annex 8	Radiated Spurious	6	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.



2. Description of Equipment under test (EUT)

Power supply: 7,2 Vdc from battery
Type of equipment.....: ☒ Transmitter Unit ☒ Receiver Unit
☐ Fixed station ☒ Portable station ☐ Mobile station
Receiver class: --
Alignment range.....: 915 - 928 MHz
Switching frequency: 915 - 928 MHz
Number of channels: --
Channel separation: --
Modulation: --
Extreme conditions: --
Maximum transmitter output power: --
Information on antenna.....: ☐ Integrated
☐ Extern
☒ Other: Embedded
Duty cycle.....: --

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: 26.07.10
Testing start date: 26.07.10
Testing end date.....: 13.09.10
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 P100685

4. Operative conditions

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5. 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 S001	Rohde & Schwarz	ESHS30	EMC interference receiver	862024/003	January '10	January '11
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 S127	SCHAFFNER	HLA6120	Loop Antenna	1191	January '10	January '13
CMC S129	Rohde & Schwarz	ESPI7	Receiver	836.914/004	January '10	January '11
CMC S136	Schwarzbeck	VULB 9163	Broadband Antenna	9136-205	May '10	May '13
CMC S164	Rohde & Schwarz	ESU26	EMC interference receiver	100052	January '10	January '11



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)	±3.4 dB	1
(Voltage probe) - (150 kHz – 30 MHz)	±3.0 dB	1
(50Ω/5μH AMN) - (150 kHz – 108 MHz)	±3.2 dB	1
Discontinuous Conducted Emission		
Conducted Emission (50Ω/50μH AMN) - (9 kHz – 150 kHz)	±3.8 dB	1
Conducted Emission (50Ω/50μH AMN) - (150 kHz – 30 MHz)	±3.4 dB	1
Disturbance Power (30 MHz – 300 MHz)		
	±3.2 dB	1
Radiated Emission		
(0,150 MHz – 30 MHz)	±4.5 dB	1
(30 MHz – 1000 MHz)	±4.8 dB	1
(1 GHz – 6 GHz)	±4.4 dB	1
Electromagnetic field EMF		
	±18.8 dB	1
Harmonic current emissions test		
	±2.4 %	1
Voltage fluctuation and flicker test		
	±6.0 %	1
Insertion loss test		
	±2.6 %	1
Radiated electromagnetic disturbance test (loop antenna)		
	±2.5 %	1
Radiated electromagnetic field immunity test		
	0.9 V/m at 3V/m	1
Pulse modulated radiated electromagnetic field immunity test		
	0.9 V/m at 3V/m	1
Injected currents immunity test		
	0.6 V at 3V	1
Bulk current		
	9 mA at 60 mA	1
Power frequency magnetic field immunity test		
	0.3 A/m at 3 A/m	1
Electrostatic discharge immunity test		
		2
Electrical fast transients / burst immunity test		
		2
Surge immunity test		
		2
Short interruption immunity test		
		2
Voltage transient emission test		
	±5 %	1
Transient immunity test		
		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

Reference no.	Description
FCC Rules and Regulation Title 47 part 15 (2009)	--
RSS-210 Issue 7 – June 2007	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.



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

Antenna Type	Gain	Remarks	Results
Embedded	< 2 dBi	--	Complies

Remarks

//////////

Reference documents

See clause 8 of this test report

Result

The requirements are met



11.2 Bandwidth

Test configuration and test method

Test site

Auxiliary equipment

Laboratory

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 15.247
- 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	Graph(s)	Bandwidth	Remark
915,05 MHz	G10104104	38,7 kHz	--
921,50 MHz	G10104105	38,7 kHz	--
927,95 MHz	G10104106	38,7 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



11.3 Channel Separation

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 50 %

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.247
- 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

Limit: Minimum 25kHz or the 20dB Bandwidth of the hopping system

Result

Port	Graph(s)	Channel Separation	Remark
Enclosure	G10104102	201,92 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 Time of Occupancy

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 45 %

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.247
- 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

The average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 20 second period.

Result

Frequency (MHz)	Graph(s)	Dwell time	Remark
927,35	G10104103	20,35 ms	--

Frequency (MHz)	Time between two transmission	Nr. of hopping frequency	Nr. of transmission for channel	Time of Occupancy	Remarks
927,35	47,76 ms	64	$20s/0,04776/64 = 6,54$	$6,54 \times 20,35 = 133,15$ ms	--

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



11.5 Number of Hopping Channels

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 46 %

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.247
- 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

Result

Port	Graph(s)	Number of Hopping Frequency	Remark
Enclosure	G10104101	64	--

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 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 15.247
- 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

Frequency range	RF power output
915 – 928 MHz	1,0 W / 30dBm

Result

Frequency (MHz)	Polarization	Graphs	E (dBμV/m)	Peak Output Power (mW)	Remark
915,05	Vertical	G10104107	113,52	67,4	--
915,05	Horizzontal	G10104108	109,68	27,7	--
921,50	Horizzontal	G10104109	109,47	26,5	--
921,50	Vertical	G10104110	114,18	78,3	--
927,95	Vertical	G10104111	110,15	31,1	--
927,95	Horizzontal	G10104112	107,46	16,7	--

Measurement uncertainty: ±3dBm



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 with reference to an isotropic radiator (1)

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

P = the power in watts

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



11.7 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 15.247
- 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 in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in section 15.209(a) is not required. In addition, radiated emission which fall in the restricted bands, as defined in section 15.205(a), must also comply with the radiated emission limits specified in section 15.209(a) (see section 15.205(c)).

Result

Graph(s)	Attenuation Band Edge	Remark
G10104150	> 20dBc	--
G10104151	> 20dBc	--
G10104152	> 20dBc	--

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



11.8 Radiated Spurious (Transmitter)

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 48 %

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.247(c) and 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

Frequency (MHz)	Polarization	Frequency Range (MHz)	Graph(s)	Remarks	Result
921,5	Vertical	30 – 1000	G10104120	--	Complies
921,5	Horizontal	30 – 1000	G10104121	--	Complies
915,05	Horizontal	30 – 1000	G10104122	--	Complies
915,05	Vertical	30 – 1000	G10104123	--	Complies
927,95	Vertical	30 – 1000	G10104124	--	Complies
927,95	Horizontal	30 – 1000	G10104125	--	Complies

Antenna	Frequency Range (MHz)	Graph(s)	Remarks	Result
Loop Antenna	9kHz – 30MHz	G10104126	--	Complies



Nr. Harmonics	AV level (dBμV/m)						AV Limits (dBμV/m)	Remark
	915,05 MHz		921,5 MHz		927,95 MHz			
	Frequency	(dBμV/m)	Frequency	(dBμV/m)	Frequency	(dBμV/m)		
II Harmonic	1830,1	50,4	1843,00	49,6	1855,74	47,1	54,00	--
III Harmonic	2745,11	51,1	2764,43	51,7	2783,68	50,0	54,00	--
IV Harmonic	3660,21	46,1	3686,04	46,8	3711,89	46,6	54,00	--
V Harmonic	4575,23	47,3	4607,52	46,6	4639,84	41,6	54,00	--
VI Harmonic	5490,38	50,5	5529,02	47,9	5567,69	47,6	54,00	--
VII Harmonic	--	More than 15 dB below limit	--	More than 15 dB below limit	--	More than 15 dB below limit	54,00	--
VIII Harmonic	--	More than 15 dB below limit	--	More than 15 dB below limit	--	More than 15 dB below limit	54,00	--
IX Harmonic	--	More than 15 dB below limit	--	More than 15 dB below limit	--	More than 15 dB below limit	54,00	--
X Harmonic	--	More than 15 dB below limit	--	More than 15 dB below limit	--	More than 15 dB below limit	54,00	--
See graphs: G10104164								
Measurement Uncertainty: ±4dB								

Nr. Harmonics	PK level (dBμV/m)						PK Limits (dBμV/m)	Remark
	915,05 MHz		921,5 MHz		927,95 MHz			
	Frequency	(dBμV/m)	Frequency	(dBμV/m)	Frequency	(dBμV/m)		
II Harmonic	1830,1	51,3	1843,00	51,8	1855,74	50,4	74,00	--
III Harmonic	2745,11	51,5	2764,43	53,1	2783,68	55,8	74,00	--
IV Harmonic	3660,21	48,2	3686,04	49,3	3711,89	51,0	74,00	--
V Harmonic	4575,23	51,0	4607,52	50,2	4639,84	50,0	74,00	--
VI Harmonic	5490,38	53,7	5529,02	52,0	5567,69	53,0	74,00	--
VII Harmonic	--	More than 15 dB below limit	--	More than 15 dB below limit	--	More than 15 dB below limit	74,00	--
VIII Harmonic	--	More than 15 dB below limit	--	More than 15 dB below limit	--	More than 15 dB below limit	74,00	--
IX Harmonic	--	More than 15 dB below limit	--	More than 15 dB below limit	--	More than 15 dB below limit	74,00	--
X Harmonic	--	More than 15 dB below limit	--	More than 15 dB below limit	--	More than 15 dB below limit	74,00	--
See graphs: G10104164								
Measurement Uncertainty: ±4dB								



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

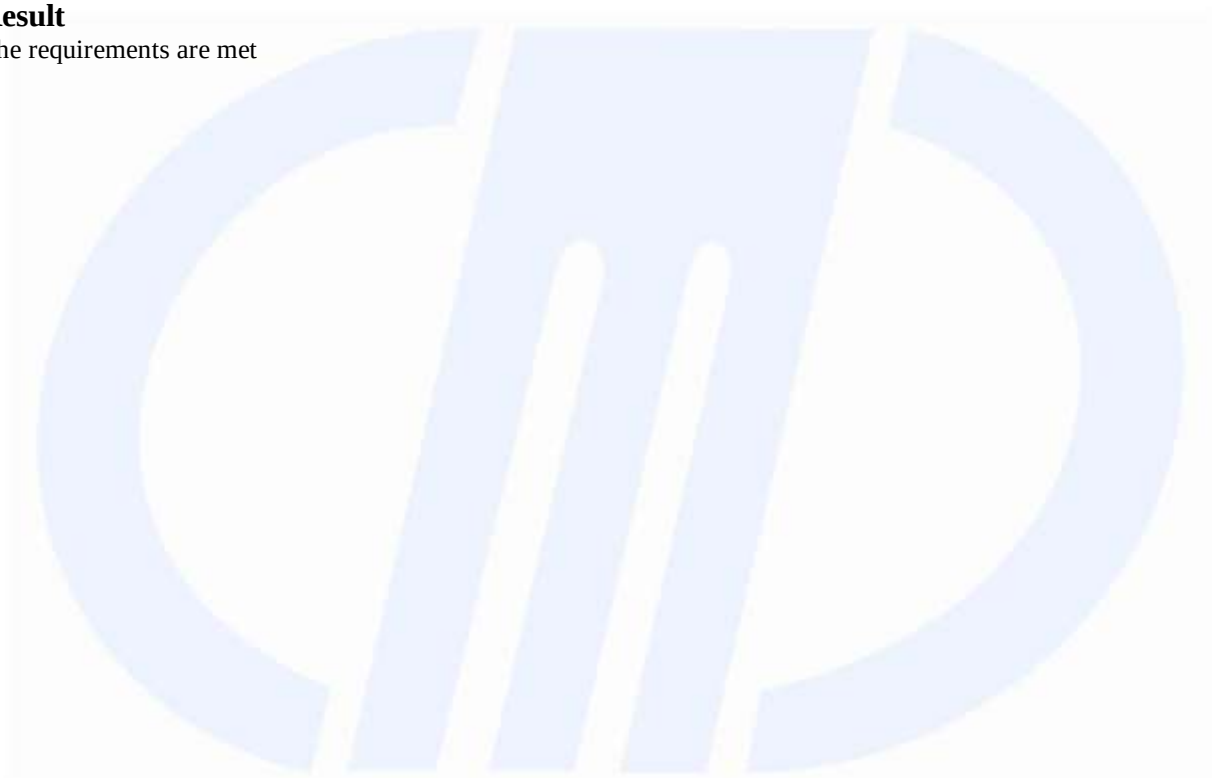
Test equipment used (Id number – see clause 6 of this test report)

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

Measurement uncertainty: See clause 7 of this test report

Result

The requirements are met





11.9 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 20 °C Atmospheric pressure 98 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

Polarization	Frequency Range (MHz)	Graph(s)	Remarks	Result
Vertical	30 – 1000	G10104160	--	Complies
Horizontal	30 – 1000	G10104161	--	Complies
Horizontal	1000 – 6000	G10104162	--	Complies
Vertical	1000 – 6000	G10104163	--	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

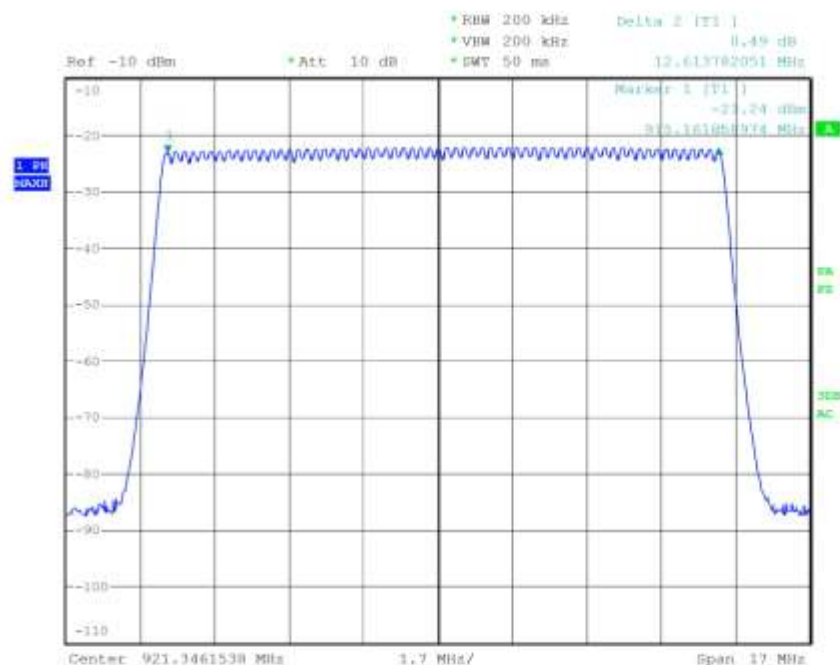
The requirements are met



12. Graphs and Tables

G10104101

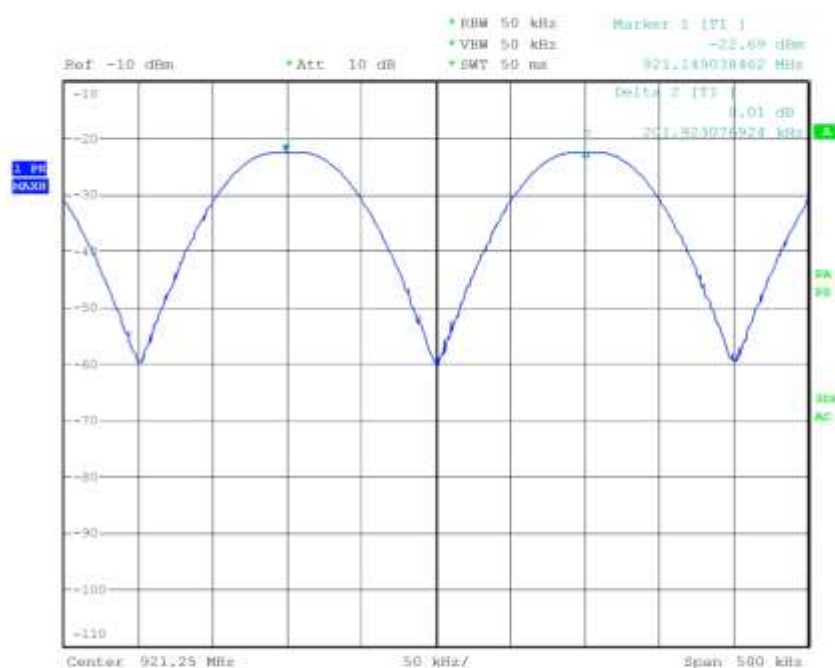
Meas Type
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 10104101
Test Spec





G10104102

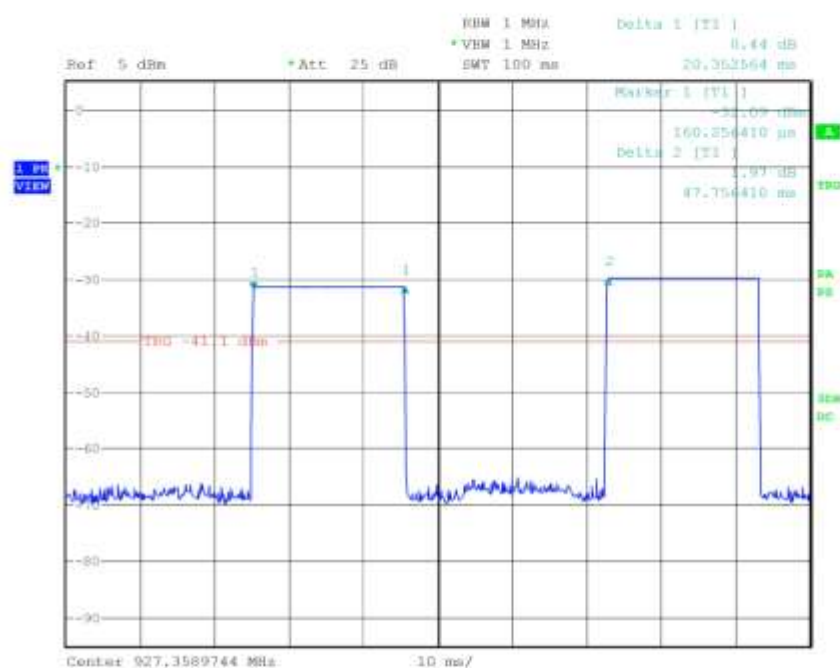
Meas Type
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 10104102
Test Spec





G10104103

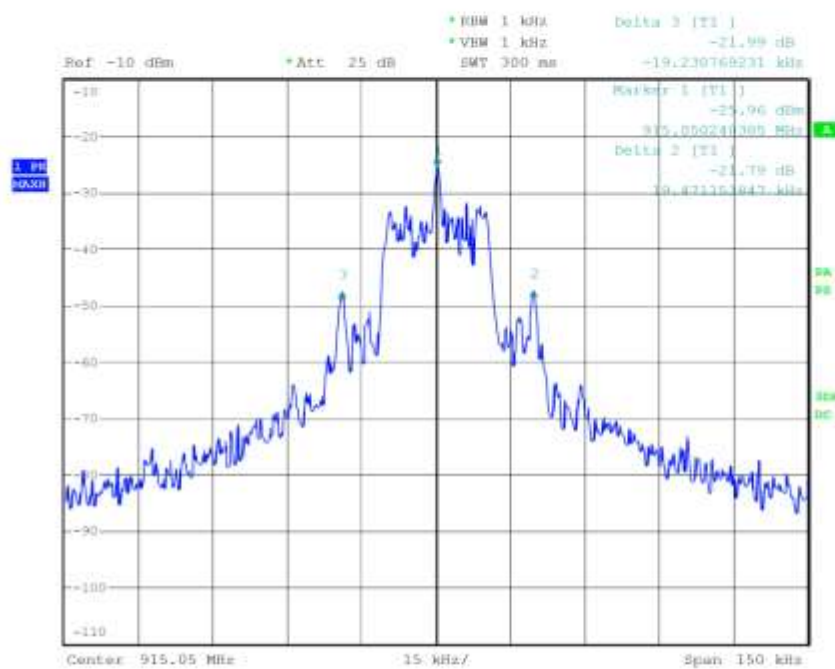
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Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 10104103
Test Spec





G10104104

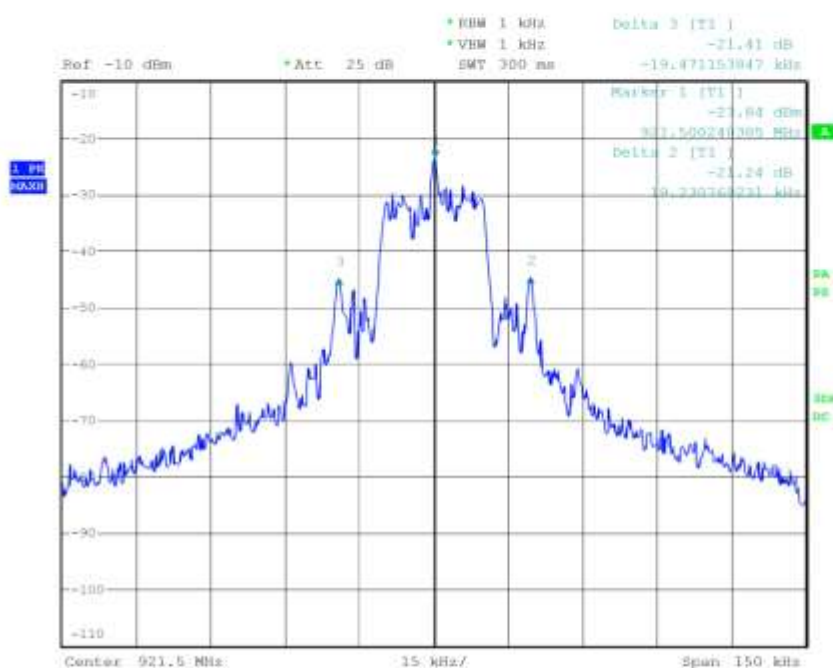
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Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 10104104
Test Spec





G10104105

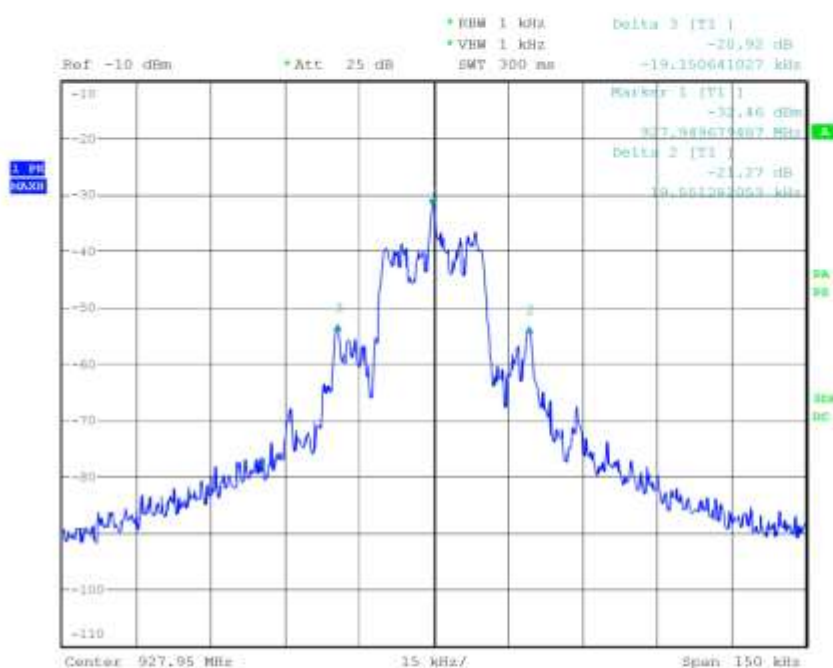
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Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 10104105
Test Spec





G10104106

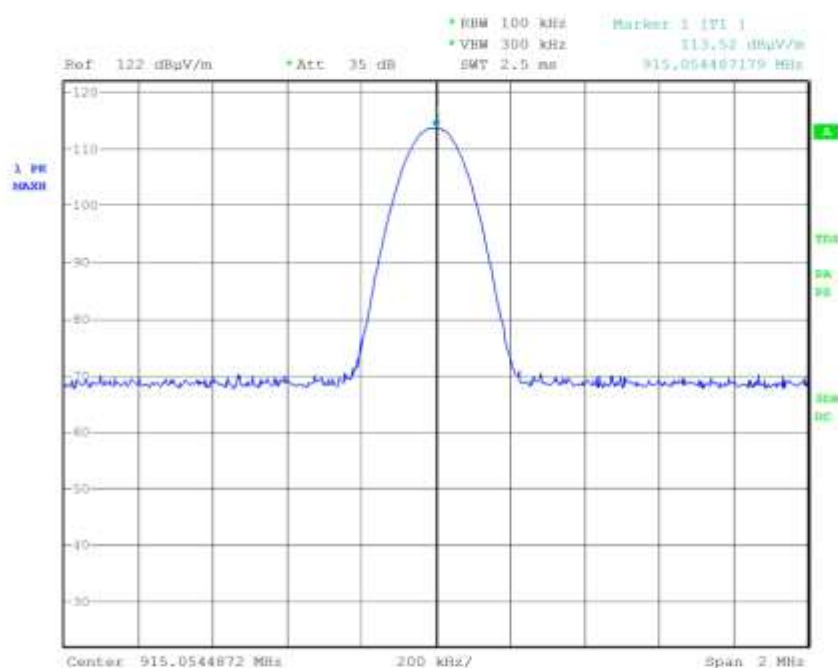
Meas Type
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 10104106
Test Spec





G10104107

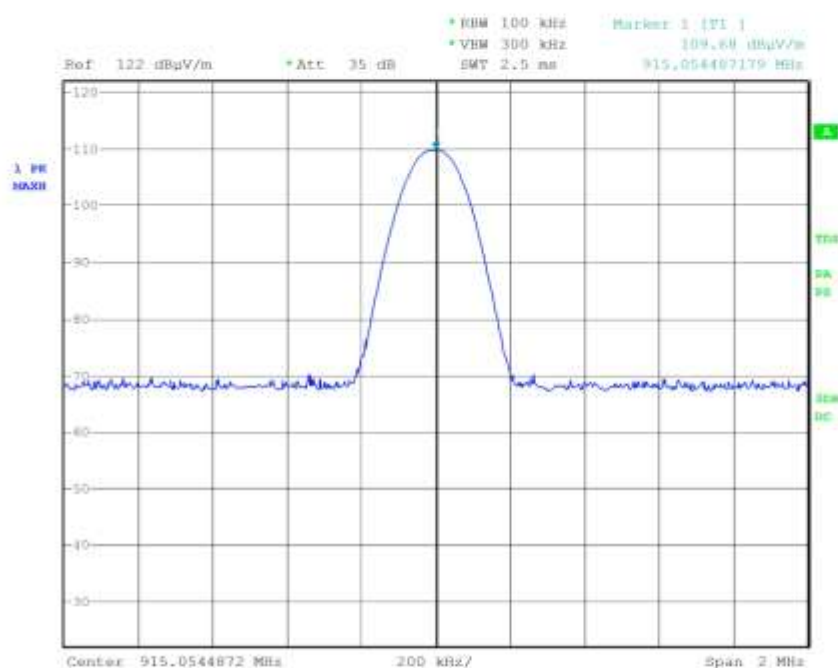
Meas Type
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 10104107
Test Spec





G10104108

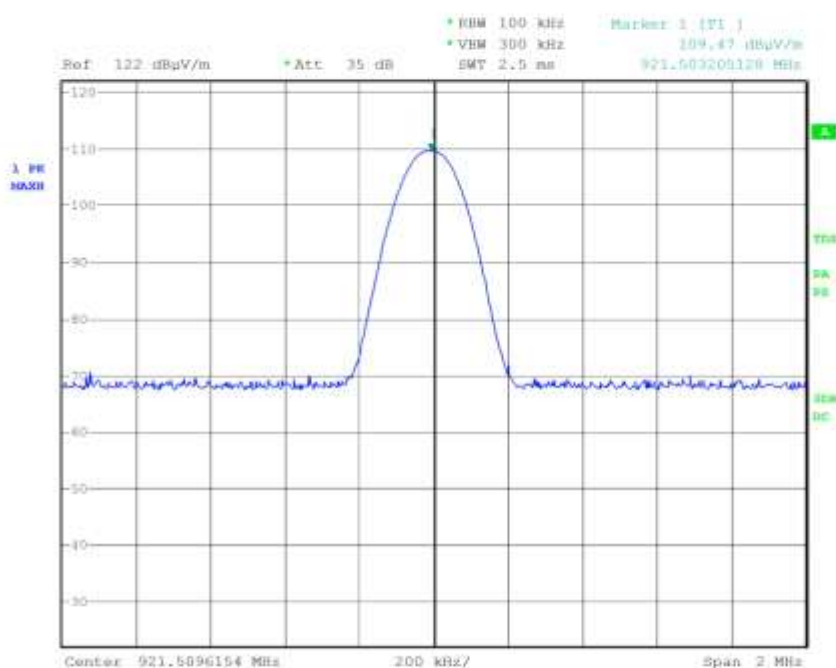
Meas Type
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 10104108
Test Spec





G10104109

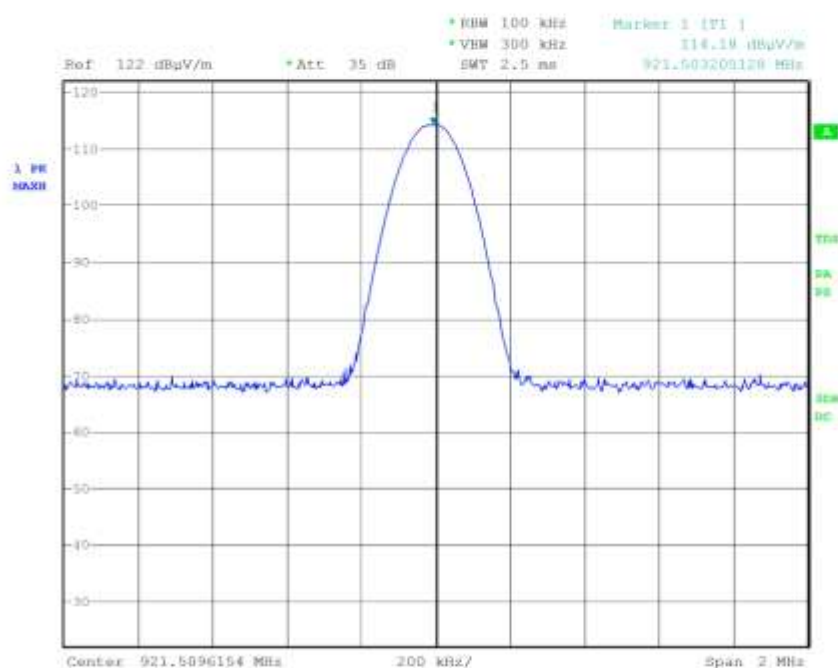
Meas Type
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 10104109
Test Spec





G10104110

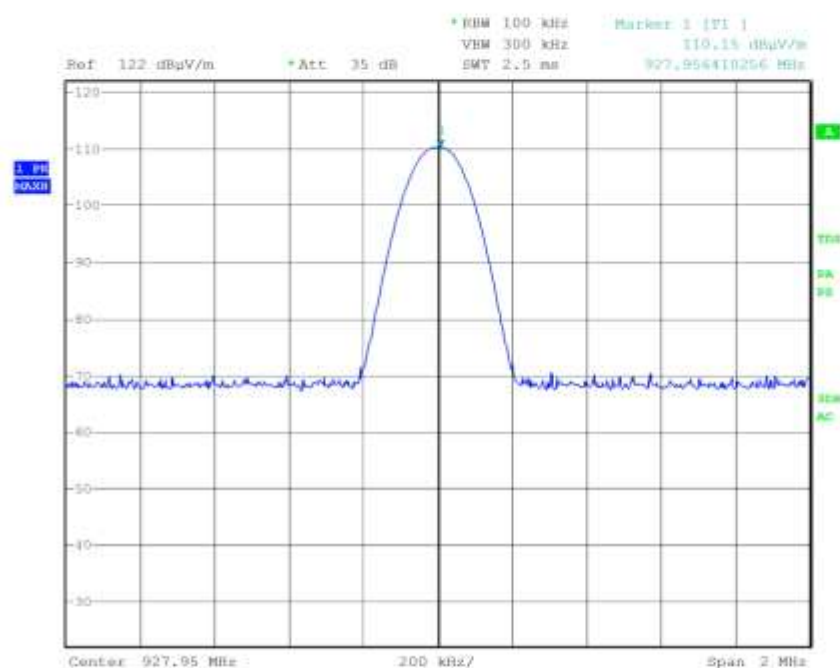
Meas Type
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 10104110
Test Spec





G10104111

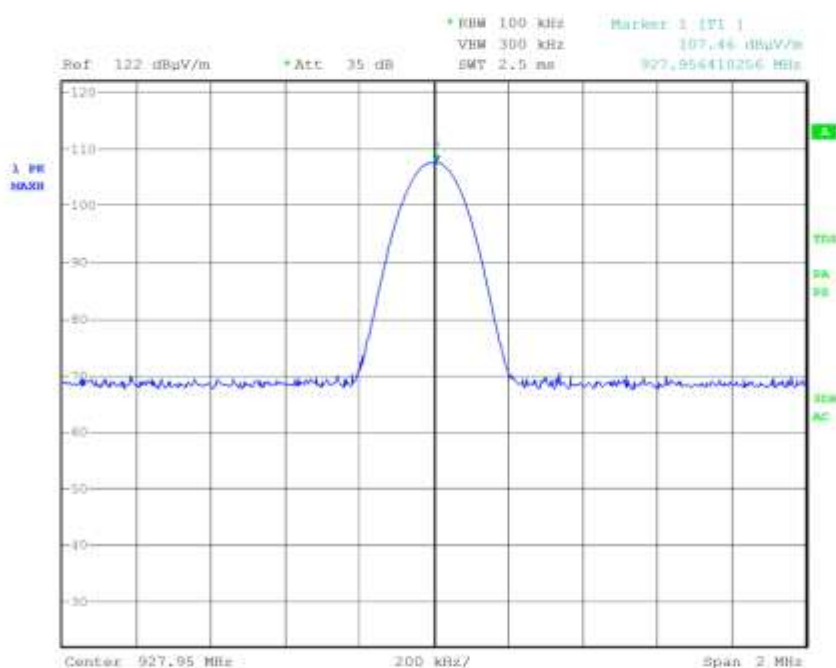
Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Gandini 10104111
Test Spec

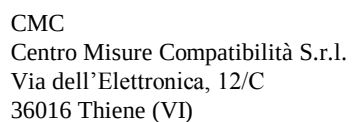




G10104112

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Gandini 10104112
Test Spec





5MHz

BW 120 kHz
T 100 ms
PEAK ON

1 GHz

1 GHz

1 GHz

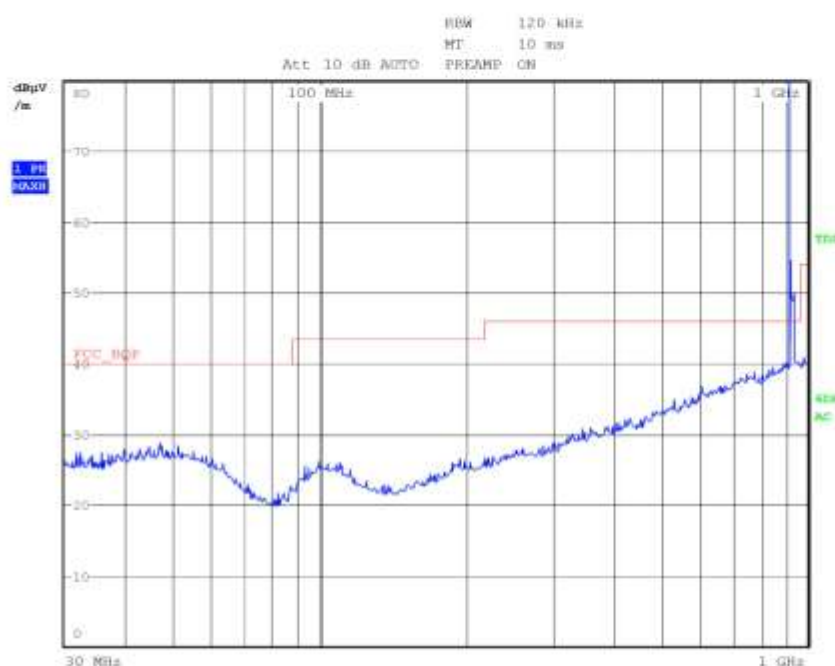
CMC Centro Misure Compatibilità S.r.l.

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



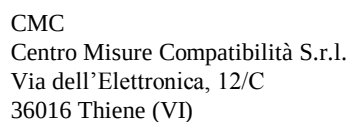
G10104121

Meas Type Emission 30-1000MHz
Equipment under Test
Manufacturer
OP Condition In trasmissione-F 921.5MHz
Operator Gandini 10104121
Test Spec
Horiz



Final Measurement

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

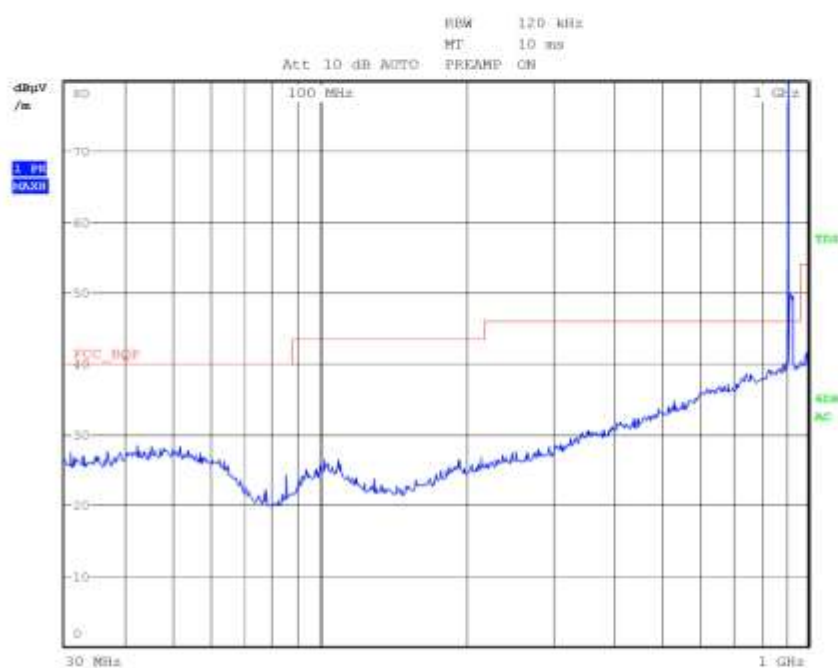
[illegible]

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



G10104123

Meas Type Emission 0.009-30MHz
Equipment under Test
Manufacturer
OP Condition In trasmissione-F 915.05MHz
Operator Gandini 10104123
Test Spec
Vert



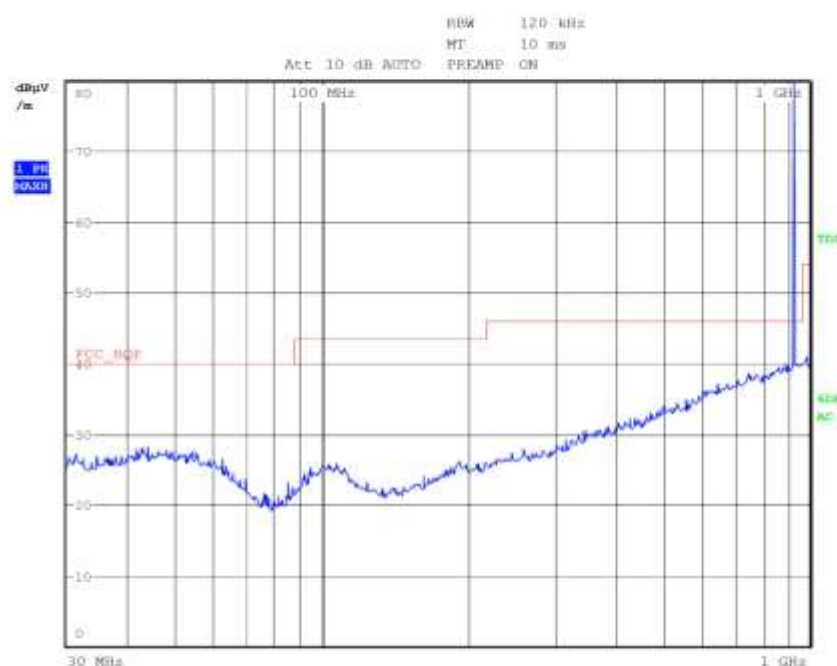
Final Measurement

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



G10104124

Meas Type Emission 0.009-30MHz
Equipment under Test
Manufacturer
OP Condition In trasmissione-F 927.95MHz
Operator Gandini 10104124
Test Spec
Vert



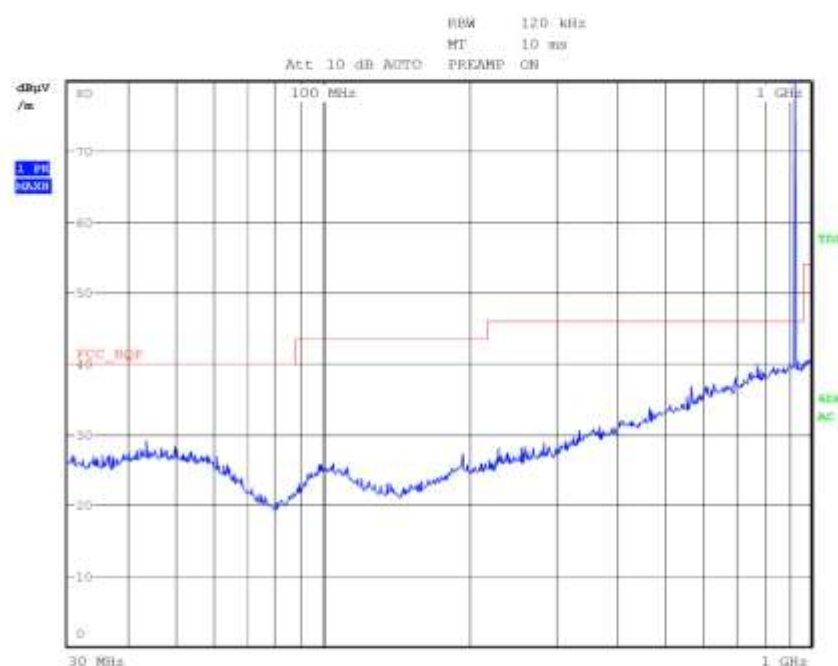
Final Measurement

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



G10104125

Meas Type Emission 0.009-30MHz
Equipment under Test
Manufacturer
OP Condition In trasmissione-F 927.95MHz
Operator Gandini 10104125
Test Spec
Horiz



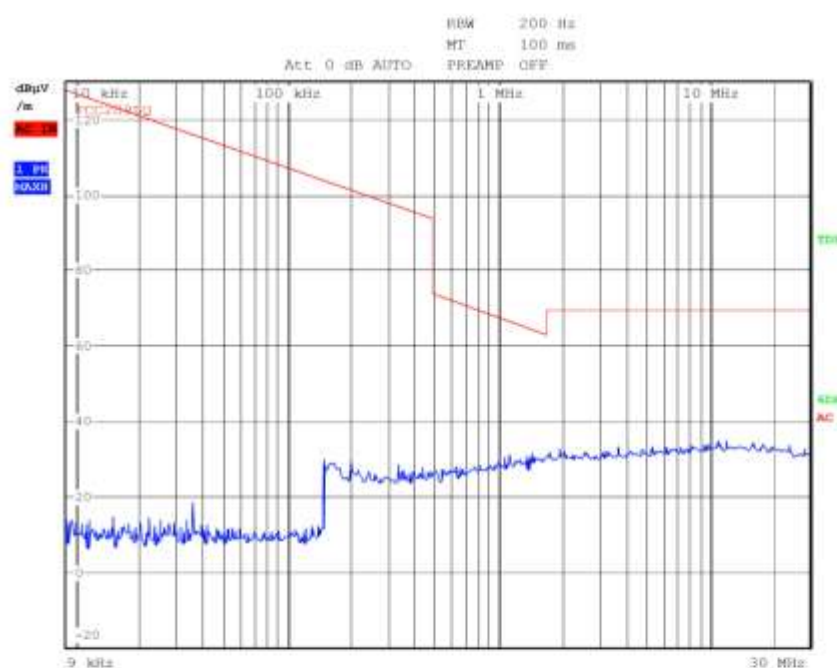
Final Measurement

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



G10104126

Meas Type Emission 0.009-30MHz
Equipment under Test
Manufacturer
OP Condition In trasmissione
Operator Gandini 10104126
Test Spec
Loop

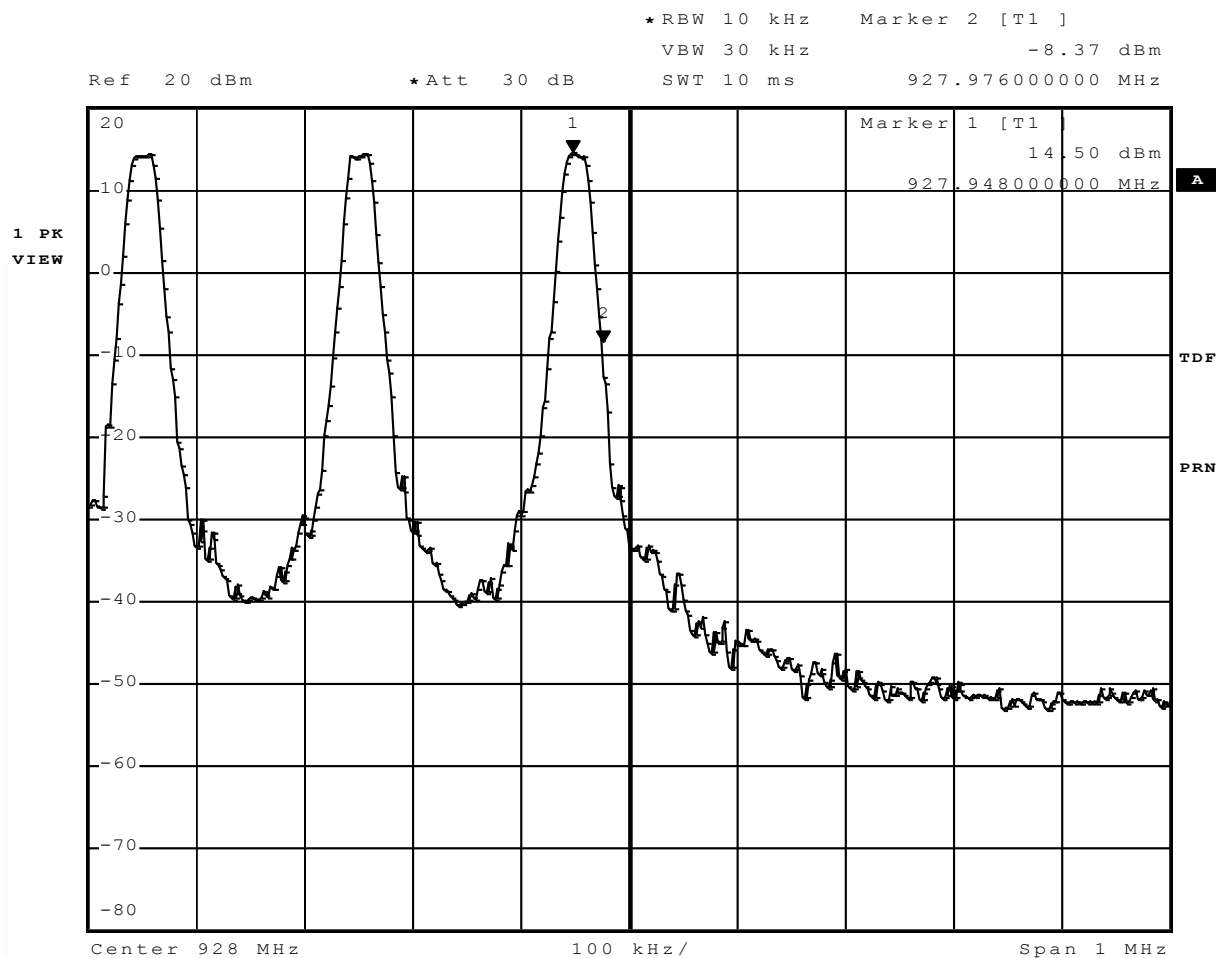


Final Measurement

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

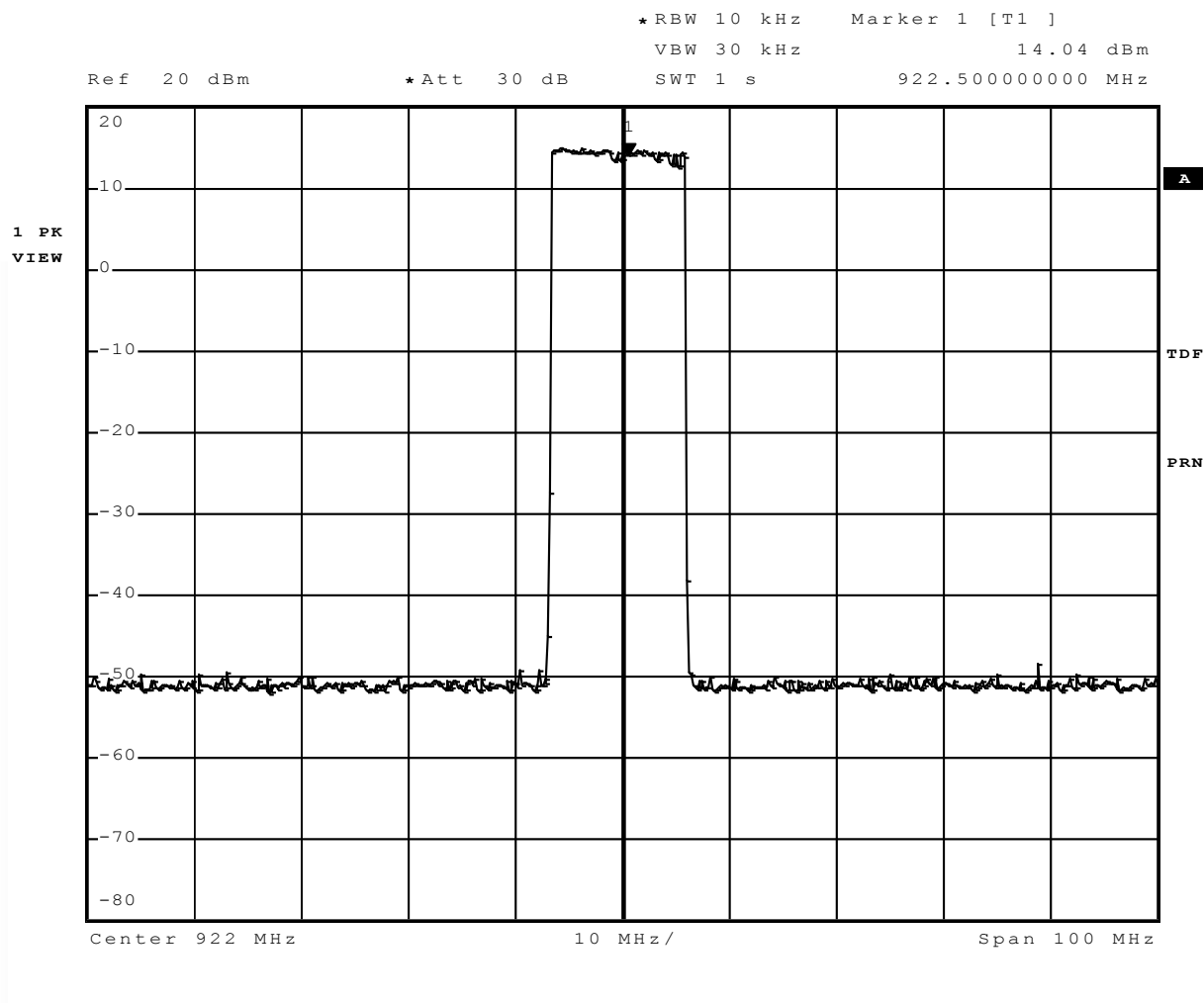


G10104150



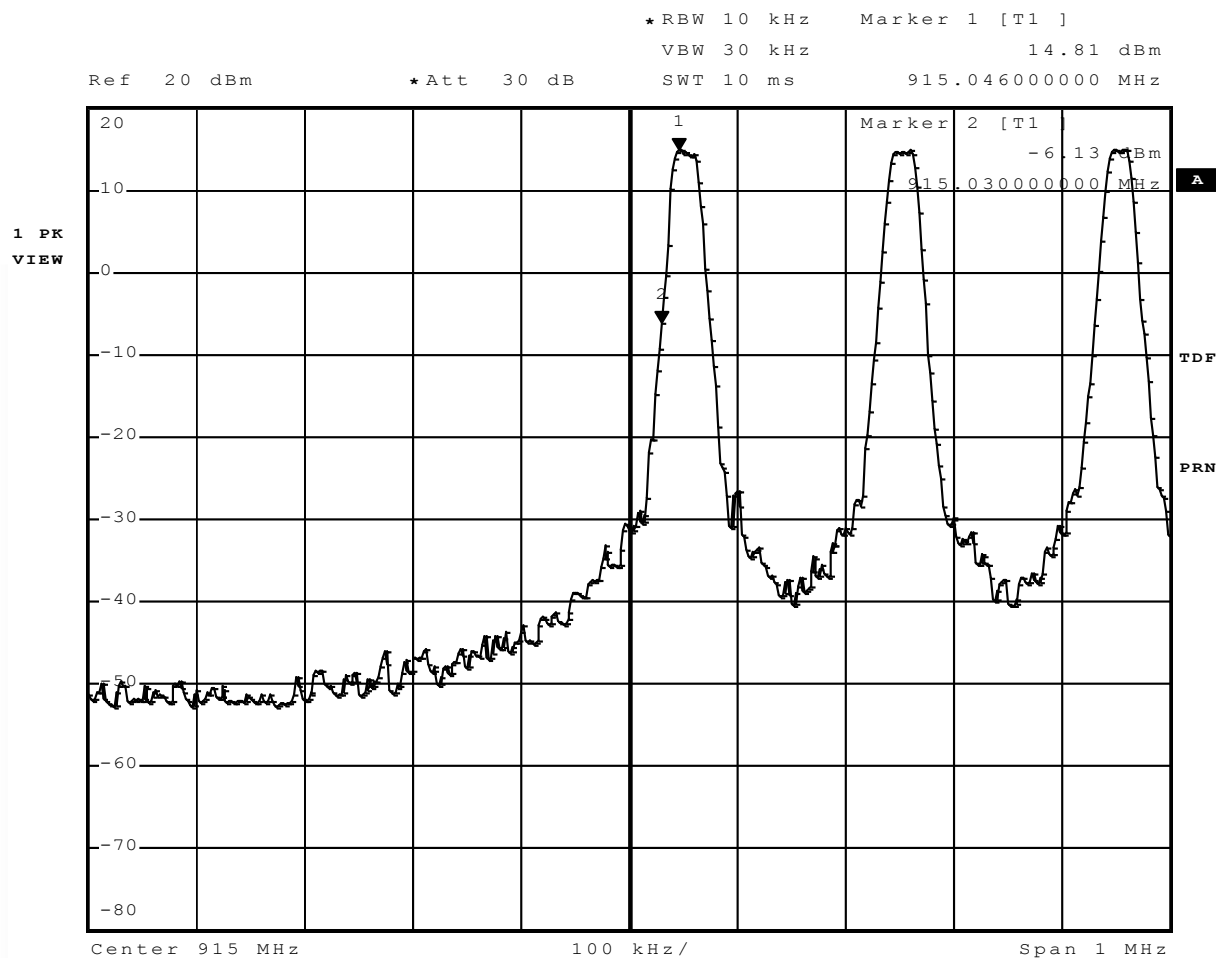


G10104151





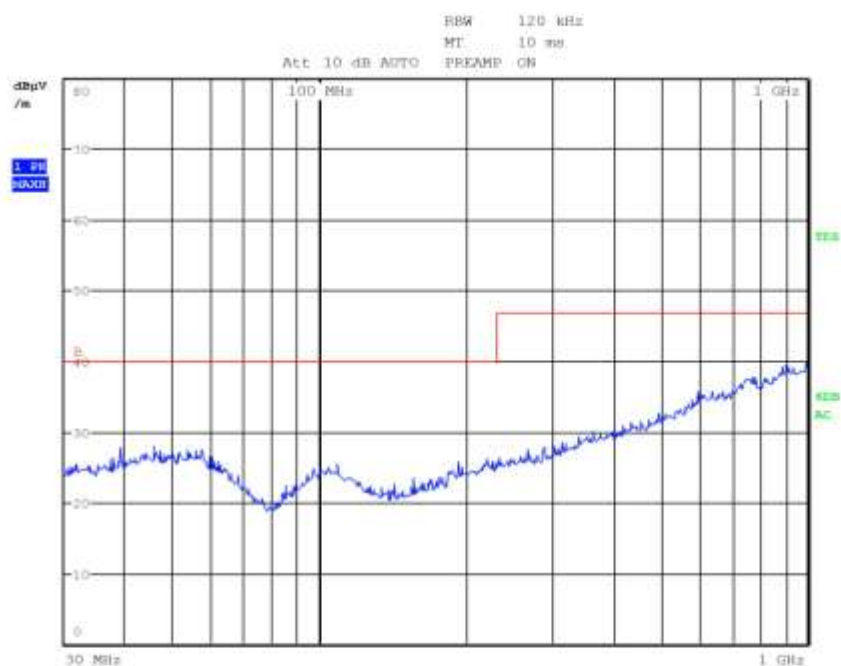
G10104152





G10104160

Meas Type Emission 30-1000MHz
Equipment under Test
Manufacturer
OP Condition In RX
Operator Gandini
Test Spec
Vert



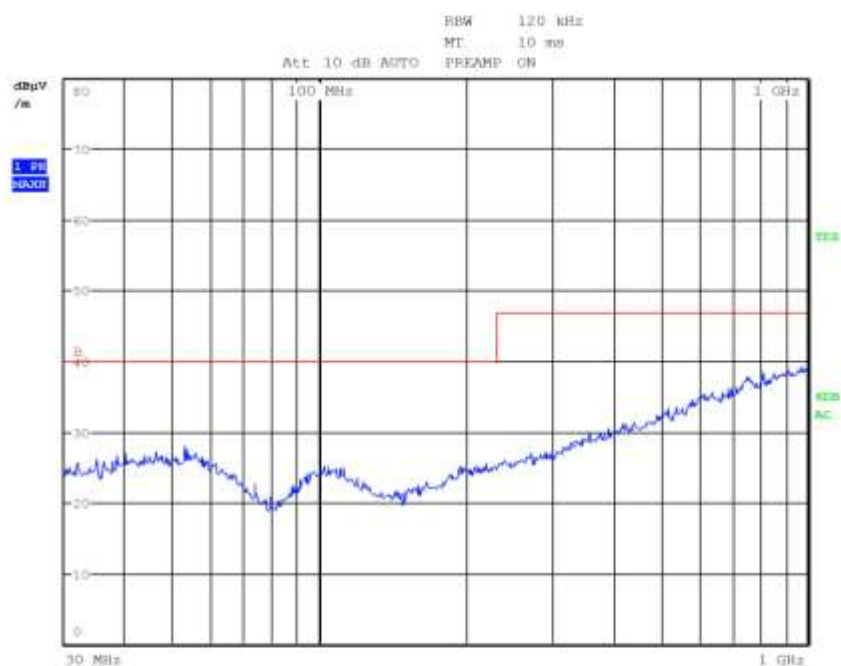
Final Measurement

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



G10104161

Meas Type Emission 30-1000MHz
Equipment under Test
Manufacturer
OP Condition In RX
Operator Gandini
Test Spec
Horiz



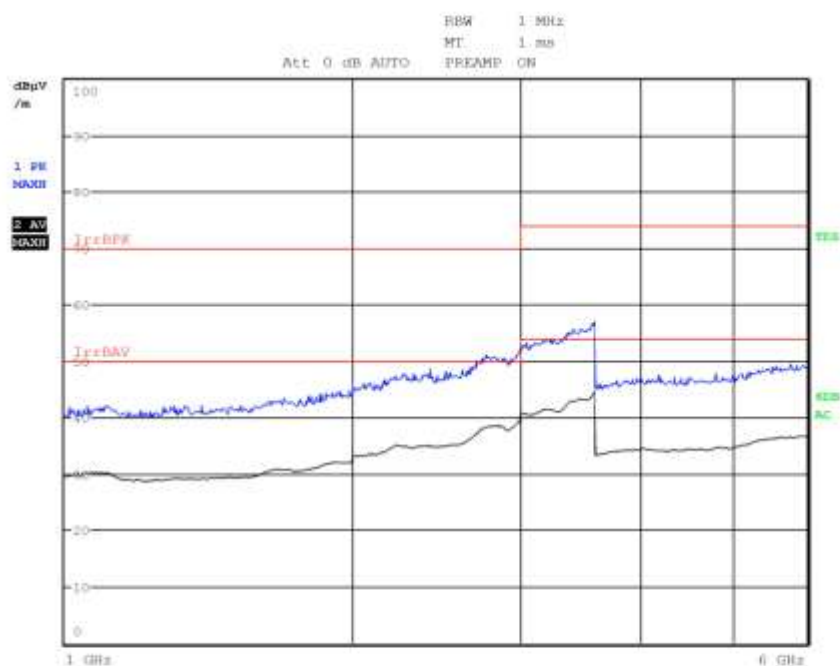
Final Measurement

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



G10104162

Meas Type Emission 1000-6000MHz
Equipment under Test
Manufacturer
OP Condition In Rx
Operator Gandini
Test Spec
Horiz



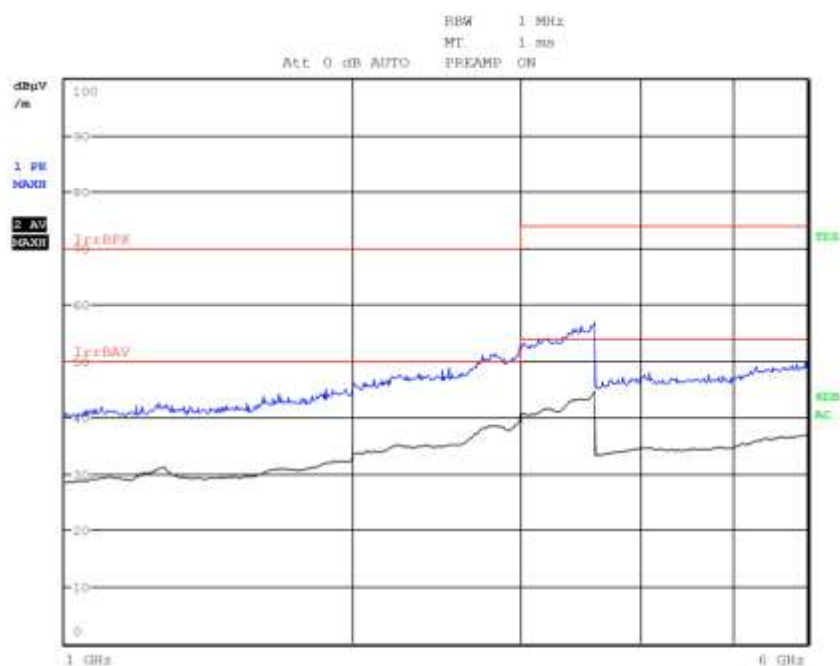
Final Measurement

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



G10104163

Meas Type Emission 1000-6000MHz
Equipment under Test
Manufacturer
OP Condition In Rx
Operator Gandini
Test Spec
Vert



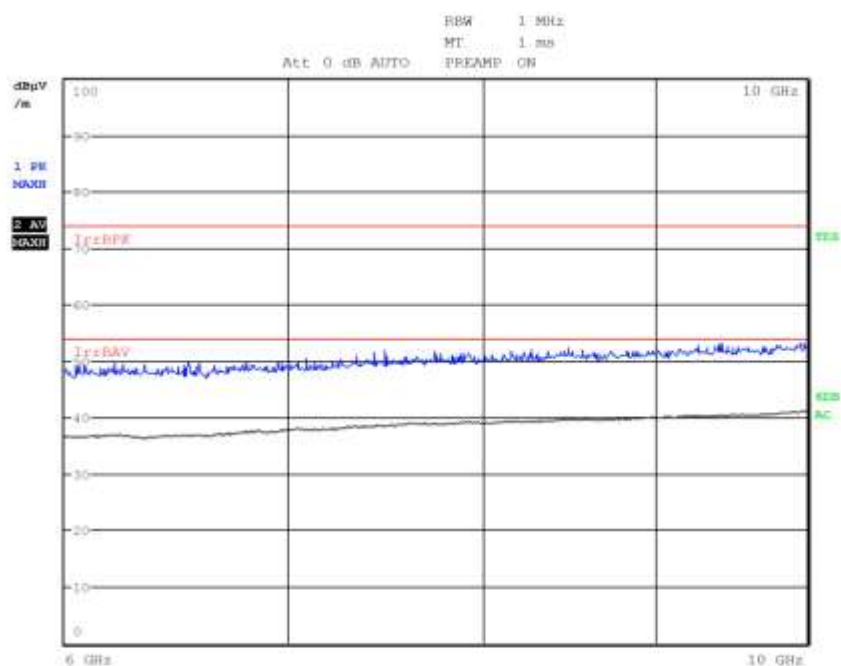
Final Measurement

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



G10104164

Meas Type Emissini 6000-10000MHz
Equipment under Test
Manufacturer
OP Condition In TX
Operator Gandini
Test Spec



Final Measurement

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