



**TEST REPORT nr. R10145701**

**Federal Communication Commission (FCC)**

**Industry Canada (IC)**

**Test item**

Description..... : Transceiver Unit  
Trademark..... : AUTECH  
Model/Type..... : Model ARM Type NB022

**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..... : 26.11.10

Contents..... : 47 pages

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



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<b>1. Summary</b>			
Standard: FCC Rules & Regulations, Title 47 RSS-210 (2007)			
Test specifications	Environmental Phenomena	Tests sequence	Result
FCC – Title 47 Part 15.203 and 15.204 IC – RSS-210	Antenna Requirement	8	Complies
FCC – Title 47 Part 15.247 IC – RSS-210 Annex 8	Bandwidth	7	Complies
FCC – Title 47 Part 15.247 IC – RSS-210 Annex 8	Channel Separation	5	Complies
FCC – Title 47 Part 15.247 IC – RSS-210 Annex 8	Time of Occupancy	6	Complies
FCC – Title 47 Part 15.247 IC – RSS-210 Annex 8	Number of Hopping Frequency	4	Complies
FCC – Title 47 Part 15.247 IC – RSS-210 Annex 8	Peak Output Power	1	Complies
FCC – Title 47 Part 15.247 IC – RSS-210 Annex 8	Band Edge	3	Complies
FCC – Title 47 Part 15.247 FCC – Title 47 Part 15.209 IC – RSS-210 Annex 8	Radiated Spurious	2	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 .....: 12-24 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: Dedicated  
Duty cycle.....: --

### 2.1 Test Site

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

## 3. Testing and sampling

Date of receipt of test item .....: 26.10.10  
Testing start date .....: 02.11.10  
Testing end date.....: 18.11.10  
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 P100948

## 4. Operative conditions

--



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



CMC Centro Misure Compatibilità S.r.l.



## 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
<b>Conducted Emission</b>		
(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
<b>Discontinuous Conducted Emission</b>		
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
<b>Disturbance Power (30 MHz – 300 MHz)</b>		
	±3.2 dB	1
<b>Radiated Emission</b>		
(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
<b>Electromagnetic field EMF</b>		
	±18.8 dB	1
<b>Harmonic current emissions test</b>		
	±2.4 %	1
<b>Voltage fluctuation and flicker test</b>		
	±6.0 %	1
<b>Insertion loss test</b>		
	±2.6 %	1
<b>Radiated electromagnetic disturbance test (loop antenna)</b>		
	±2.5 %	1
<b>Radiated electromagnetic field immunity test</b>		
	0.9 V/m at 3V/m	1
<b>Pulse modulated radiated electromagnetic field immunity test</b>		
	0.9 V/m at 3V/m	1
<b>Injected currents immunity test</b>		
	0.6 V at 3V	1
<b>Bulk current</b>		
	9 mA at 60 mA	1
<b>Power frequency magnetic field immunity test</b>		
	0.3 A/m at 3 A/m	1
<b>Electrostatic discharge immunity test</b>		
		2
<b>Electrical fast transients / burst immunity test</b>		
		2
<b>Surge immunity test</b>		
		2
<b>Short interruption immunity test</b>		
		2
<b>Voltage transient emission test</b>		
	±5 %	1
<b>Transient immunity test</b>		
		2

### Notes

#### Note 1:

The expanded uncertainty reported according to EN55016-4-2(2004-10) is based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of  $p = 95\%$

#### Note 2:

It has been demonstrated that the used test equipment meets the specified requirements in the standard with at least a 95% confidence, covering factor  $k = 2$ .



## 8. Reference documents

<i>Reference no.</i>	<i>Description</i>
FCC Rules and Regulation Title 47 part 15 (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 replaced by the user, but the use of standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, § 15.213, § 15.217, § 15.219, or § 15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

### Test specification

Port: Antenna.

### EUT exercising

See clause 4 of this test report

### Result

<i>Antenna Type</i>	<i>Gain</i>	<i>Remarks</i>	<i>Results</i>
Dedicated	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 Laboratory  
 Auxiliary equipment See clause 4 of this test report

### Environmental conditions

Temperature 21 °C Atmospheric pressure 98 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	G10145713	38,7 kHz	--
921,50 MHz	G10145714	38,7 kHz	--
927,95 MHz	G10145715	39,0 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 20 °C Atmospheric pressure 100 kPa Relative humidity 49 %

#### 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	G10145711	201,00 kHz	--
Measurement uncertainty: ±1kHz			

#### 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 20 °C Atmospheric pressure 100 kPa Relative humidity 49 %

### 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
921,5	G10145712	14,8 ms	--

Frequency (MHz)	Time between two transmission	Nr. of hopping frequency	Nr. of transmission for channel	Time of Occupancy	Remarks
921,5	47,30 ms	64	$20s/0,04730/64 = 6,61$	$6,61 \times 14,8 = 97,83$ 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 20 °C Atmospheric pressure 100 kPa Relative humidity 49 %

#### 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	G10145710	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	Horizontal	G10145701	101,90	2,73	--
915,05	Vertical	G10145702	111,14	24,61	--
921,50	Vertical	G10145703	109,81	18,25	--
921,50	Horizontal	G10145704	101,66	2,73	--
927,95	Horizontal	G10145705	101,21	2,30	--
927,95	Vertical	G10145706	110,41	20,68	--

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 (1,58)

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

P = the power in watts

### Reference documents

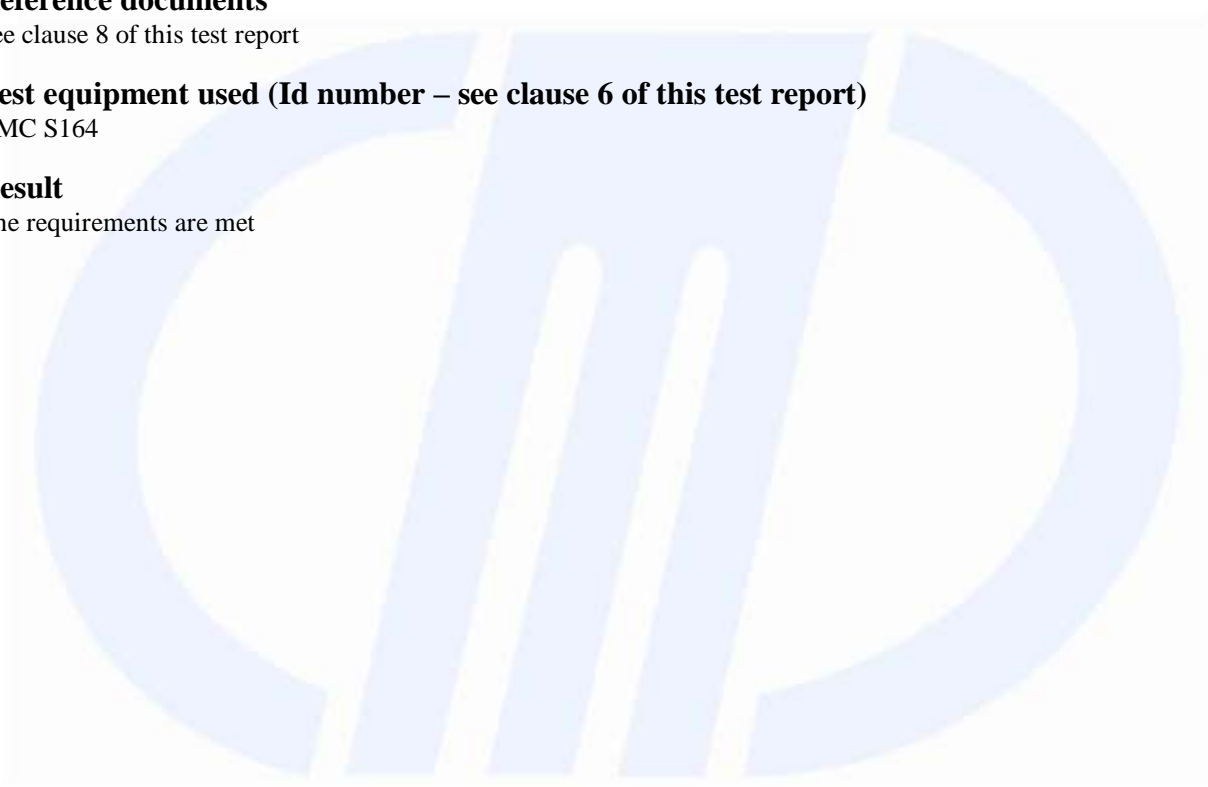
See clause 8 of this test report

### 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 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

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

Frequency (MHz)	Graph(s)	Attenuation Band Edge	Remark
927,95	G10145707	> 20dBc	--
921,50	G10145708	> 20dBc	--
915,05	G10145709	> 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
915,05	Vertical	30 – 1000	G10145721	--	Complies
915,05	Horizontal	30 – 1000	G10145722	--	Complies
921,50	Horizontal	30 – 1000	G10145723	--	Complies
921,50	Vertical	30 – 1000	G10145724	--	Complies
927,95	Horizontal	30 – 1000	G10145725	--	Complies
927,95	Vertical	30 – 1000	G10145726	--	Complies

Antenna	Frequency Range (MHz)	Graph(s)	Remarks	Result
Loop Antenna	9kHz – 30MHz	G10145727	--	Complies



Nr. Harmonics	AV level (dB $\mu$ V/m)						AV Limits (dB $\mu$ V/m)	Remark
	915,05 MHz		921,50 MHz		927,95 MHz			
	Frequency	(dB $\mu$ V/m)	Frequency	(dB $\mu$ V/m)	Frequency	(dB $\mu$ V/m)		
II Harmonic	1830,11	49,9	1843,03	50,1	1855,97	48,9	54,00	--
III Harmonic	2745,13	50,0	2764,54	52,2	2783,82	50,6	54,00	--
IV Harmonic	3660,20	40,0	3685,98	41,1	3711,82	41,9	54,00	--
V Harmonic	4575,22	40,1	4607,54	39,9	4639,77	40,4	54,00	--
VI Harmonic	5490,28	45,1	5529,01	44,9	5567,59	46,6	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	--

Measurement Uncertainty:  $\pm 4$ dB

Nr. Harmonics	PK level (dB $\mu$ V/m)						PK Limits (dB $\mu$ V/m)	Remark
	915,05 MHz		921,50 MHz		927,95 MHz			
	Frequency	(dB $\mu$ V/m)	Frequency	(dB $\mu$ V/m)	Frequency	(dB $\mu$ V/m)		
II Harmonic	1830,11	51,8	1843,03	52,9	1855,97	52,0	74,00	--
III Harmonic	2745,13	52,8	2764,54	53,5	2783,82	54,2	74,00	--
IV Harmonic	3660,20	43,8	3685,98	44,9	3711,82	48,9	74,00	--
V Harmonic	4575,22	44,7	4607,54	44,3	4639,77	47,7	74,00	--
VI Harmonic	5490,28	47,8	5529,01	48,2	5567,59	53,1	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	--

Measurement Uncertainty:  $\pm 4$ dB



### Remarks

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

### Reference documents

See clause 8 of this test report

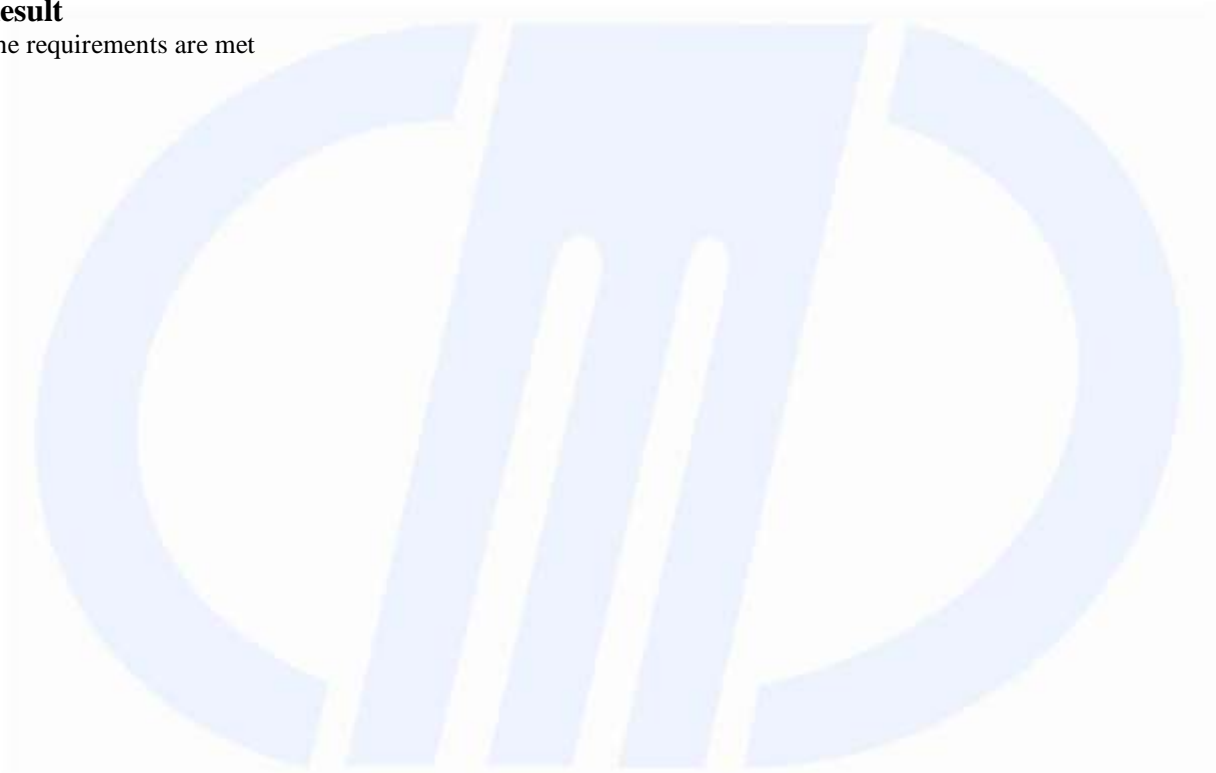
### Test equipment used (Id number – see clause 6 of this test report)

CMC S108, CMC S124, CMC 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 19 °C Atmospheric pressure 97 kPa Relative humidity 48 %

### 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
Horizontal	30 – 1000	G10145716	--	Complies
Vertical	30 – 1000	G10145717	--	Complies
Horizontal	1000 – 6000	G10145723	--	Complies
Vertical	1000 – 6000	G10145724	--	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

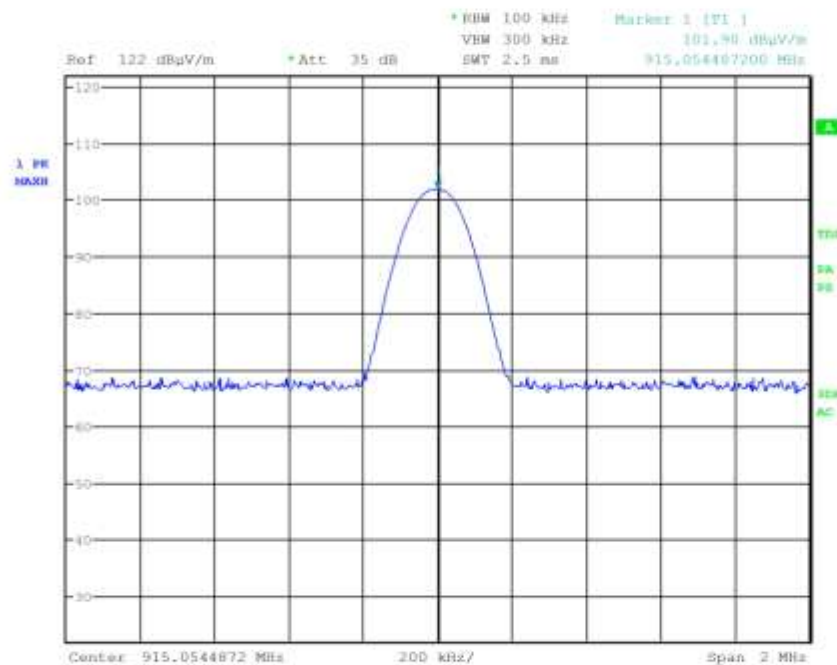
The requirements are met



## 12. Graphs and Tables

G10145701

Meas Type  
Equipment under Test  
Manufacturer  
OP Condition  
Operator Bertezolo 10145701  
Test Spec  
Horiz.

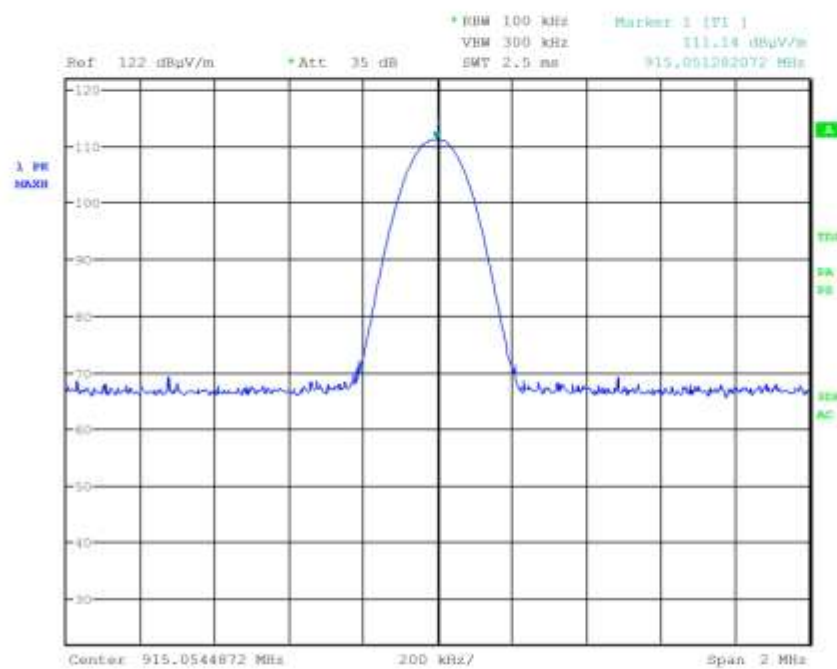


CMC Centro Misure Compatibilità S.r.l.



G10145702

Meas Type  
Equipment under Test  
Manufacturer  
OP Condition  
Operator Bertezolo 10145702  
Test Spec  
Vert

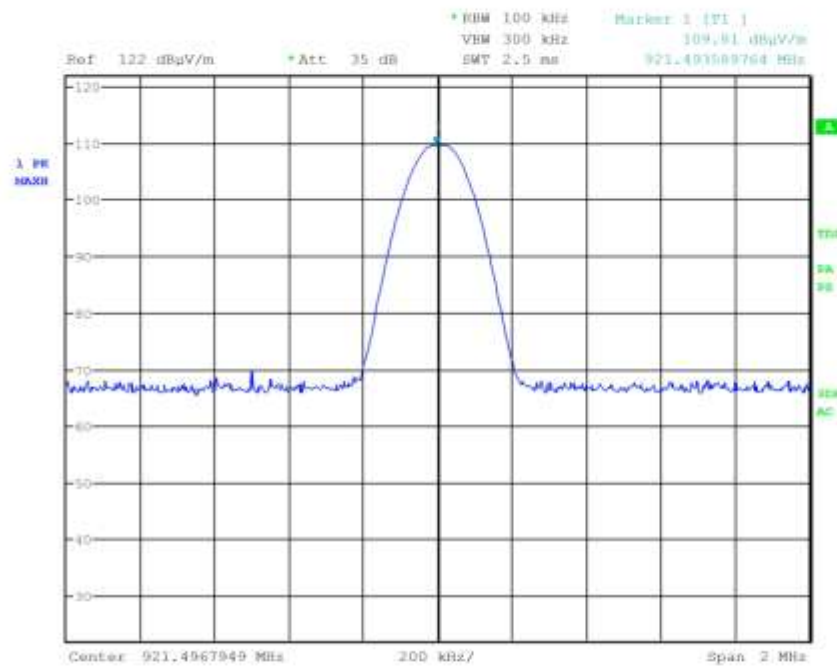


CMC Centro Misure Compatibilità S.r.l.



G10145703

Meas Type  
Equipment under Test  
Manufacturer  
OP Condition  
Operator Bertezolo 10145703  
Test Spec  
Vert



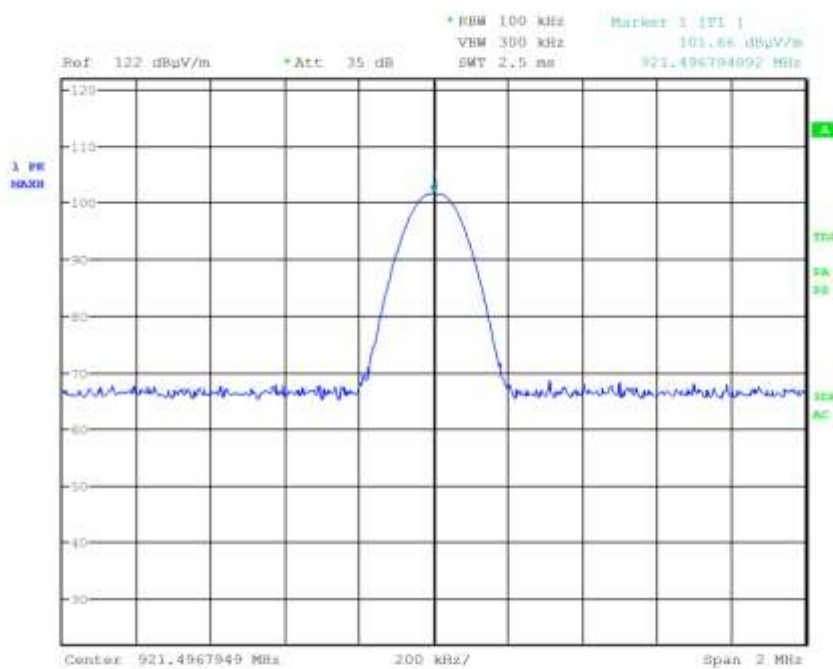
CMC Centro Misure Compatibilità S.r.l.





G10145704

Meas Type  
Equipment under Test  
Manufacturer  
OP Condition  
Operator Bertezolo 10145704  
Test Spec  
Horiz

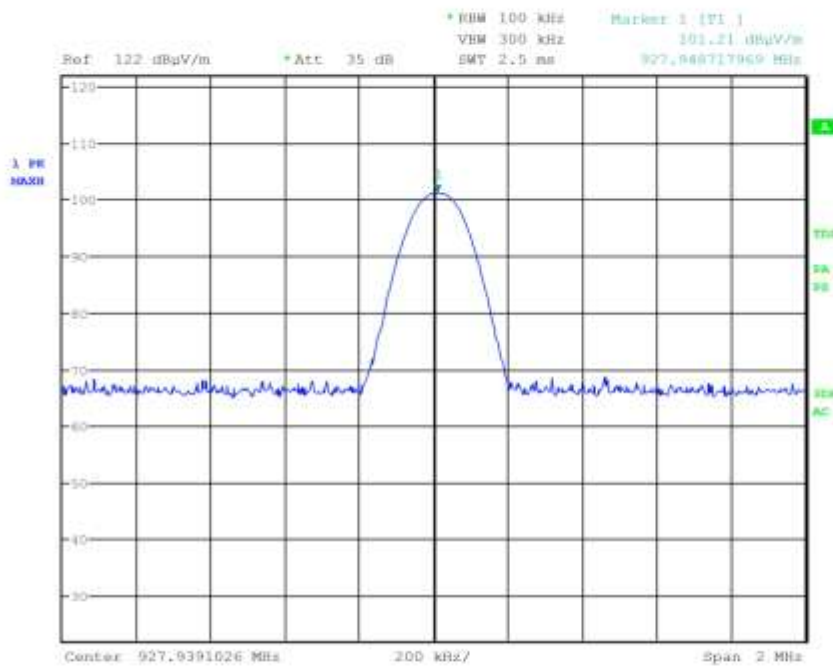


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G10145705

Meas Type  
Equipment under Test  
Manufacturer  
OP Condition  
Operator Bertezolo 10145705  
Test Spec  
Horiz

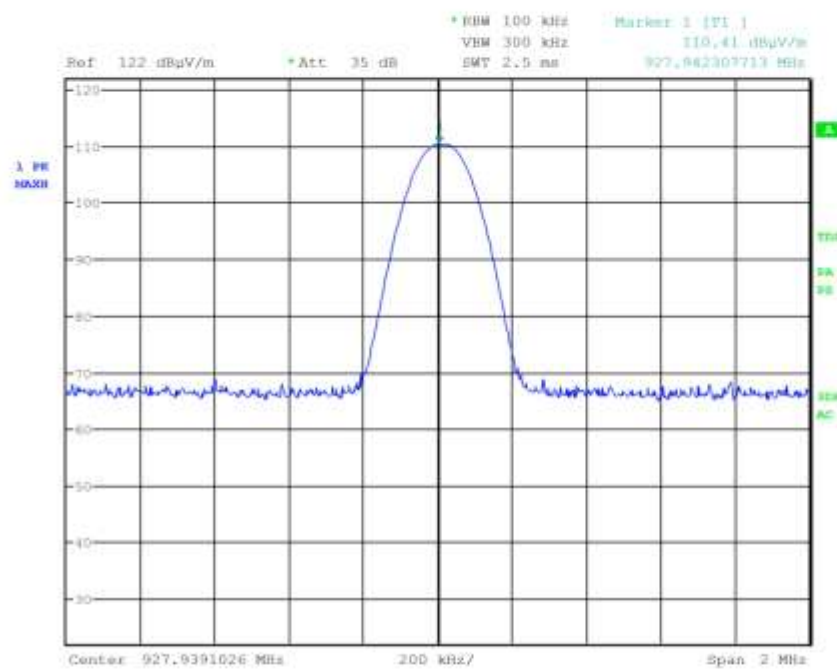


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G10145706

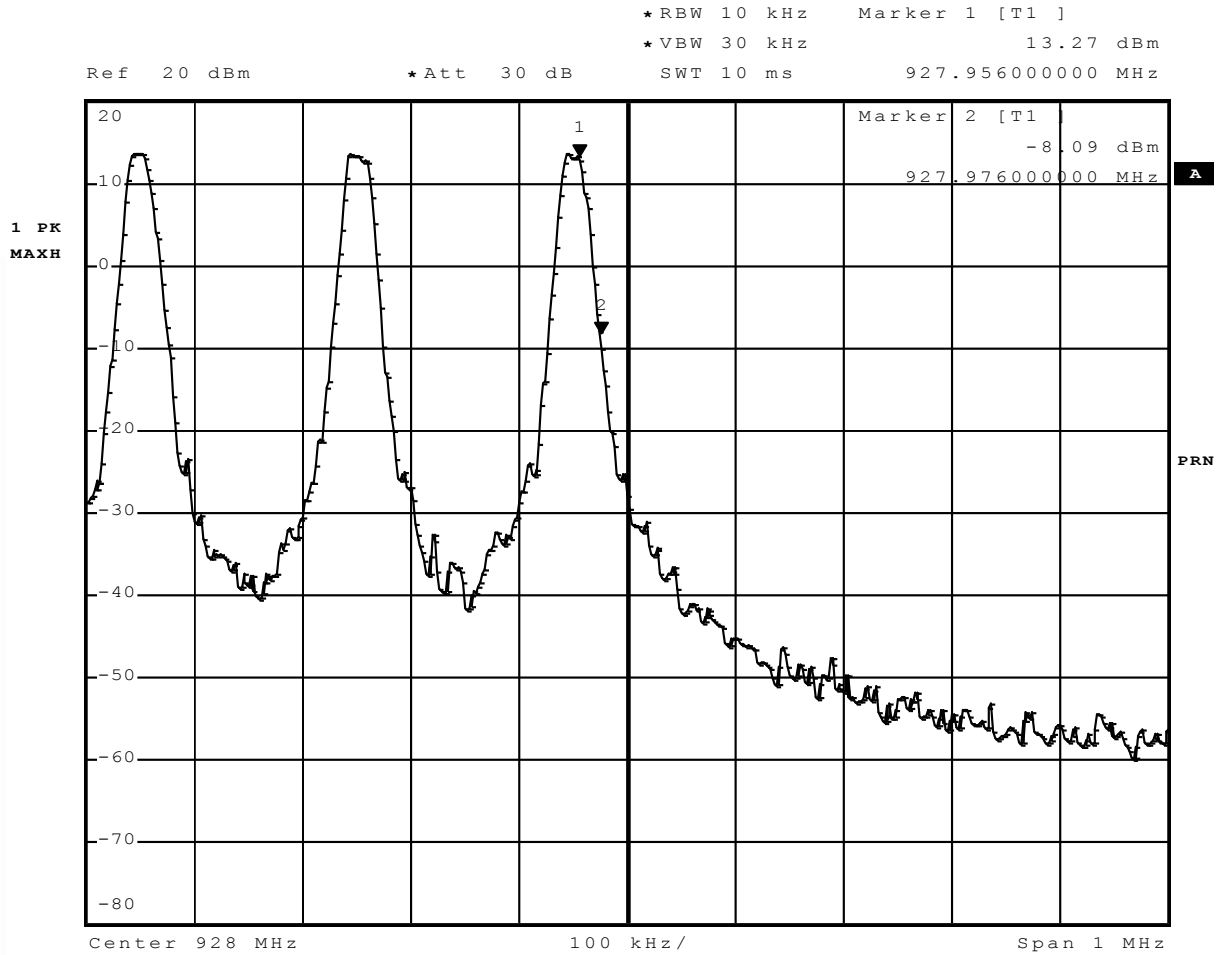
Meas Type  
Equipment under Test  
Manufacturer  
OP Condition  
Operator Bertezolo 10145706  
Test Spec  
Vert



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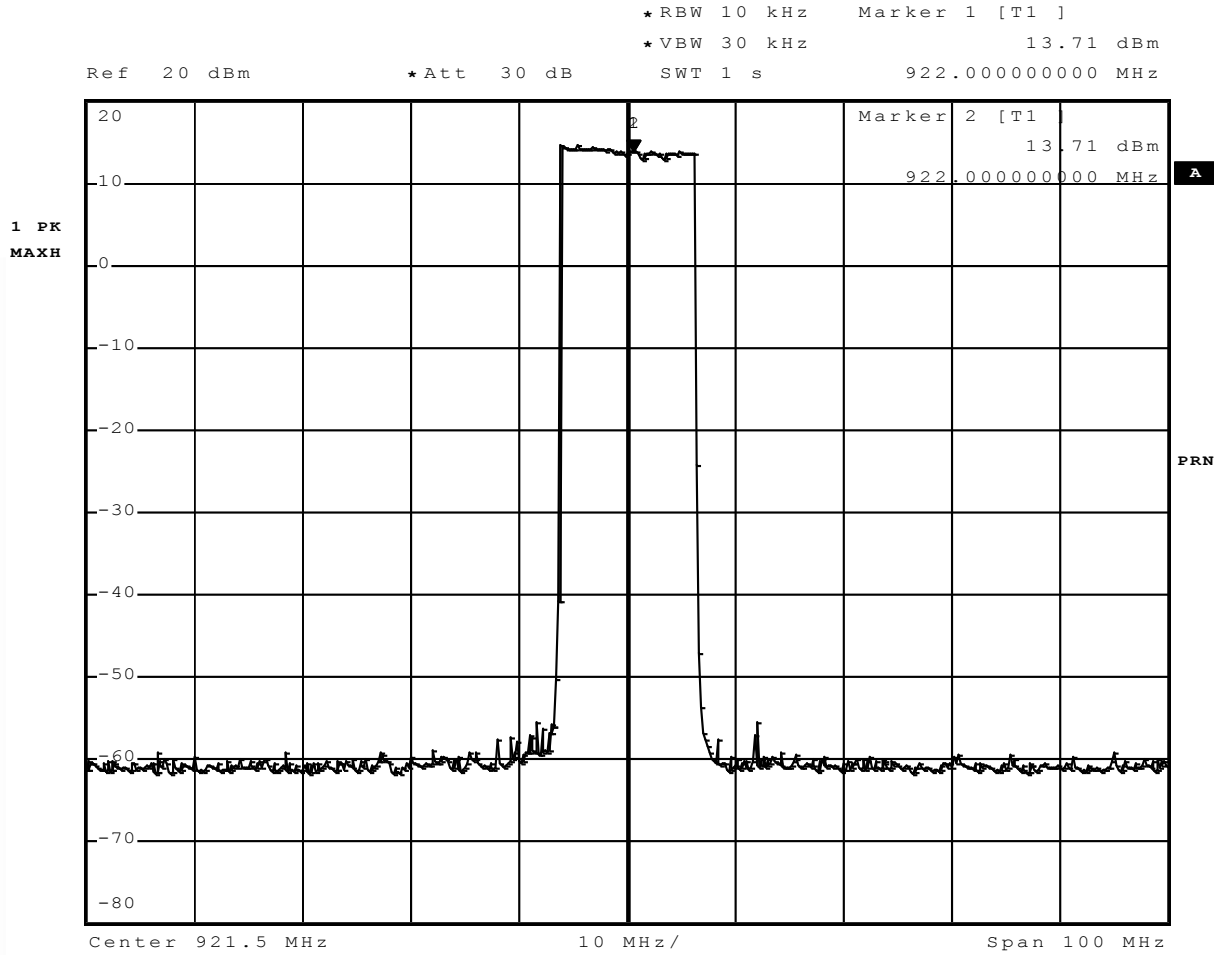
### G10145707



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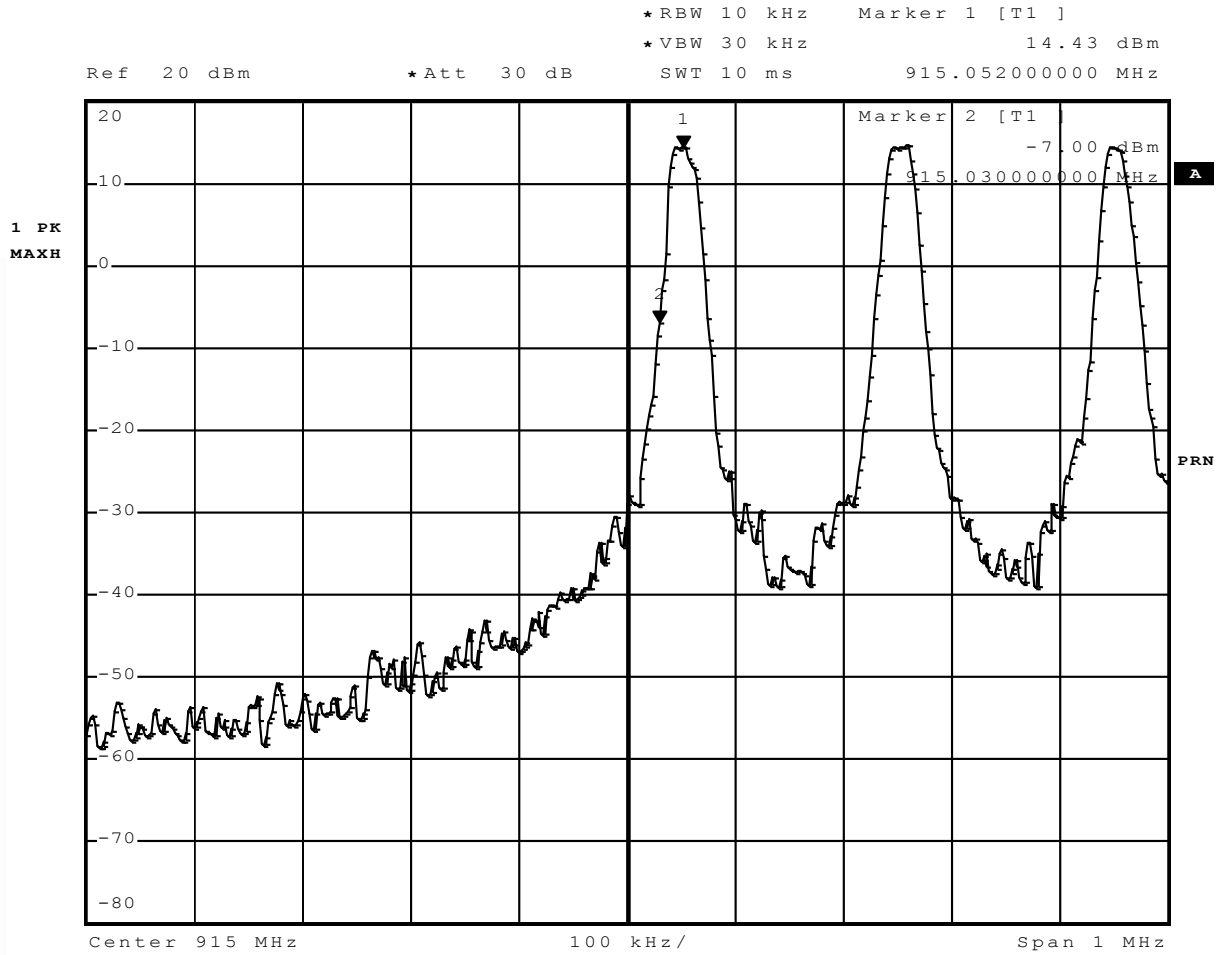
### G10145708



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### G10145709



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### G10145710

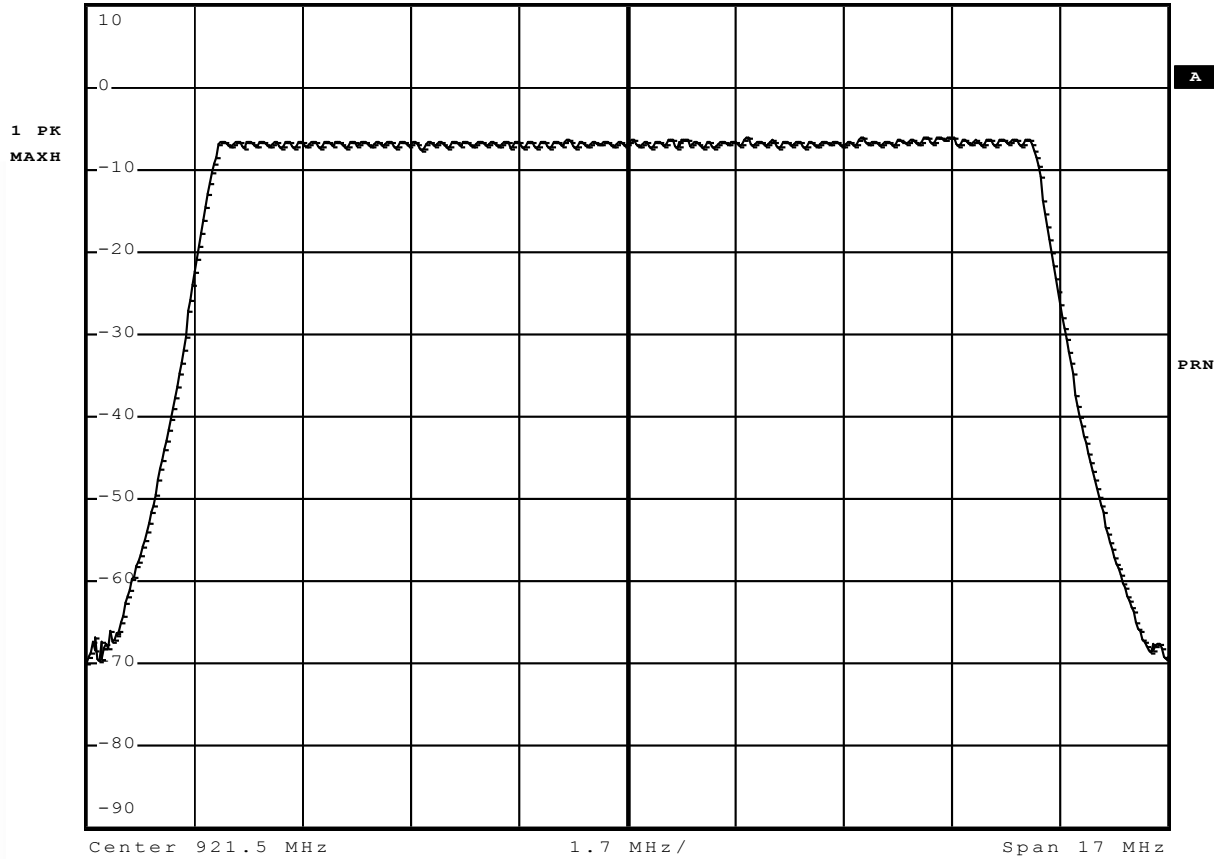
\*RBW 300 kHz

\*VBW 300 kHz

Ref 10 dBm

\*Att 20 dB

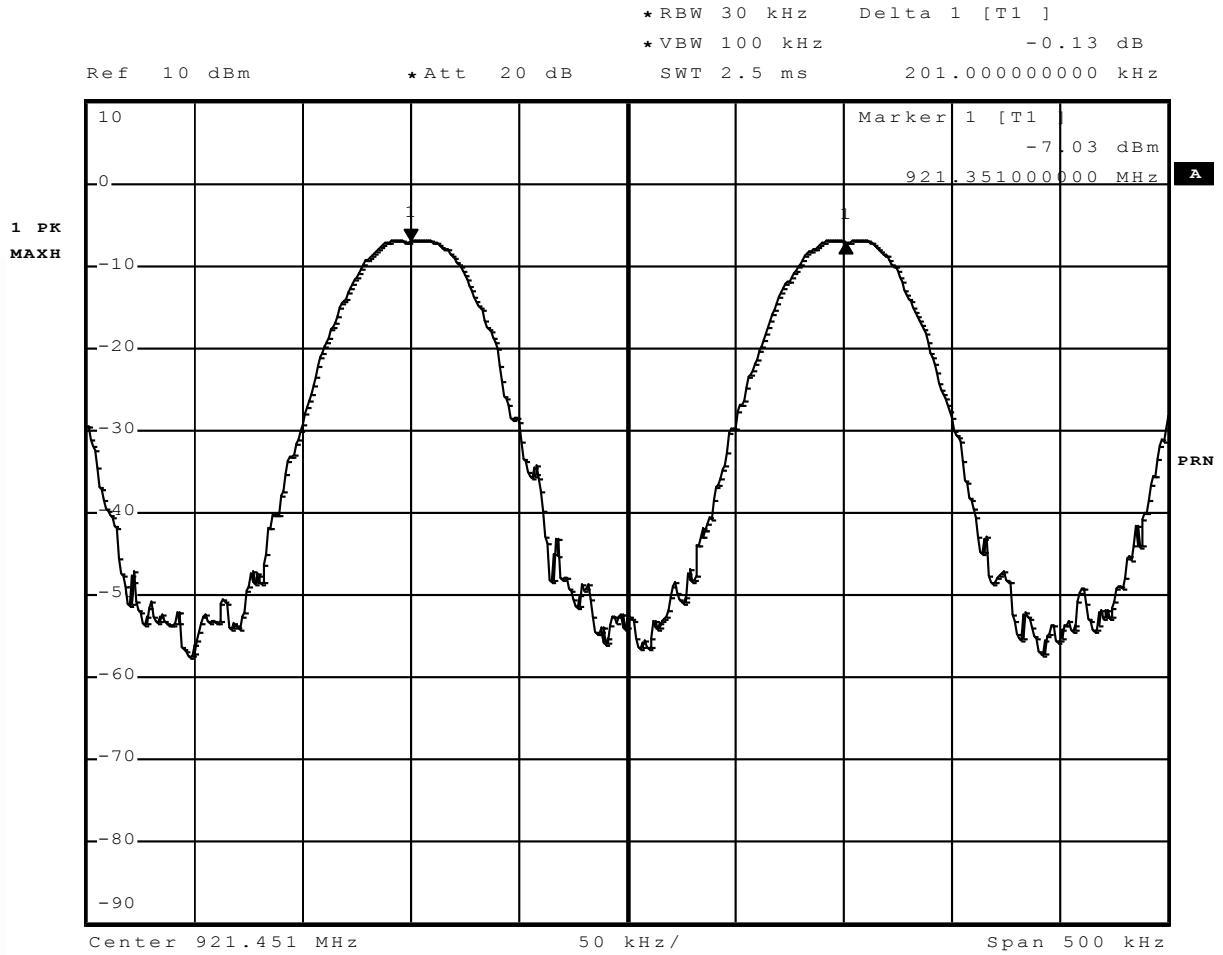
SWT 2.5 ms



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### G10145711

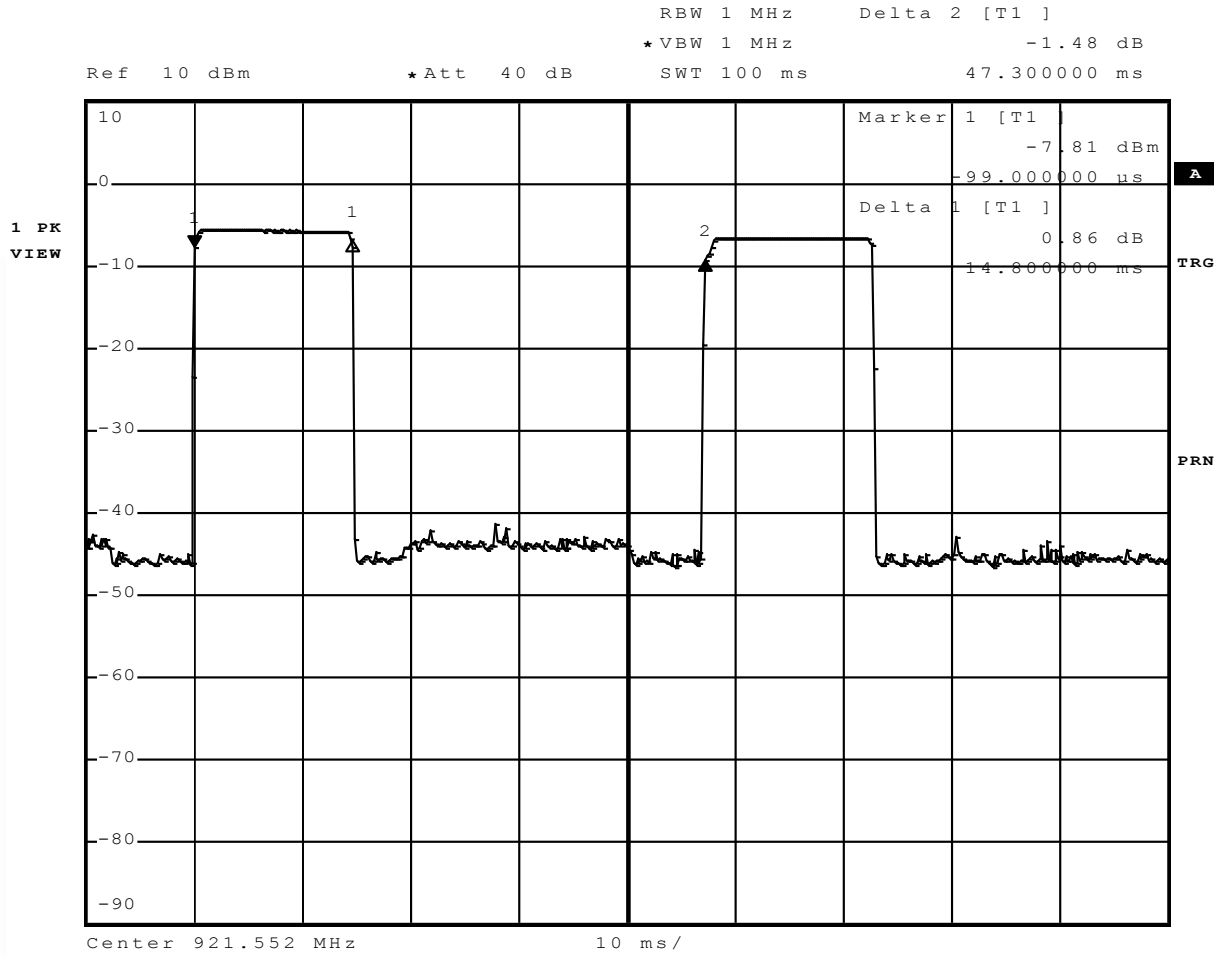


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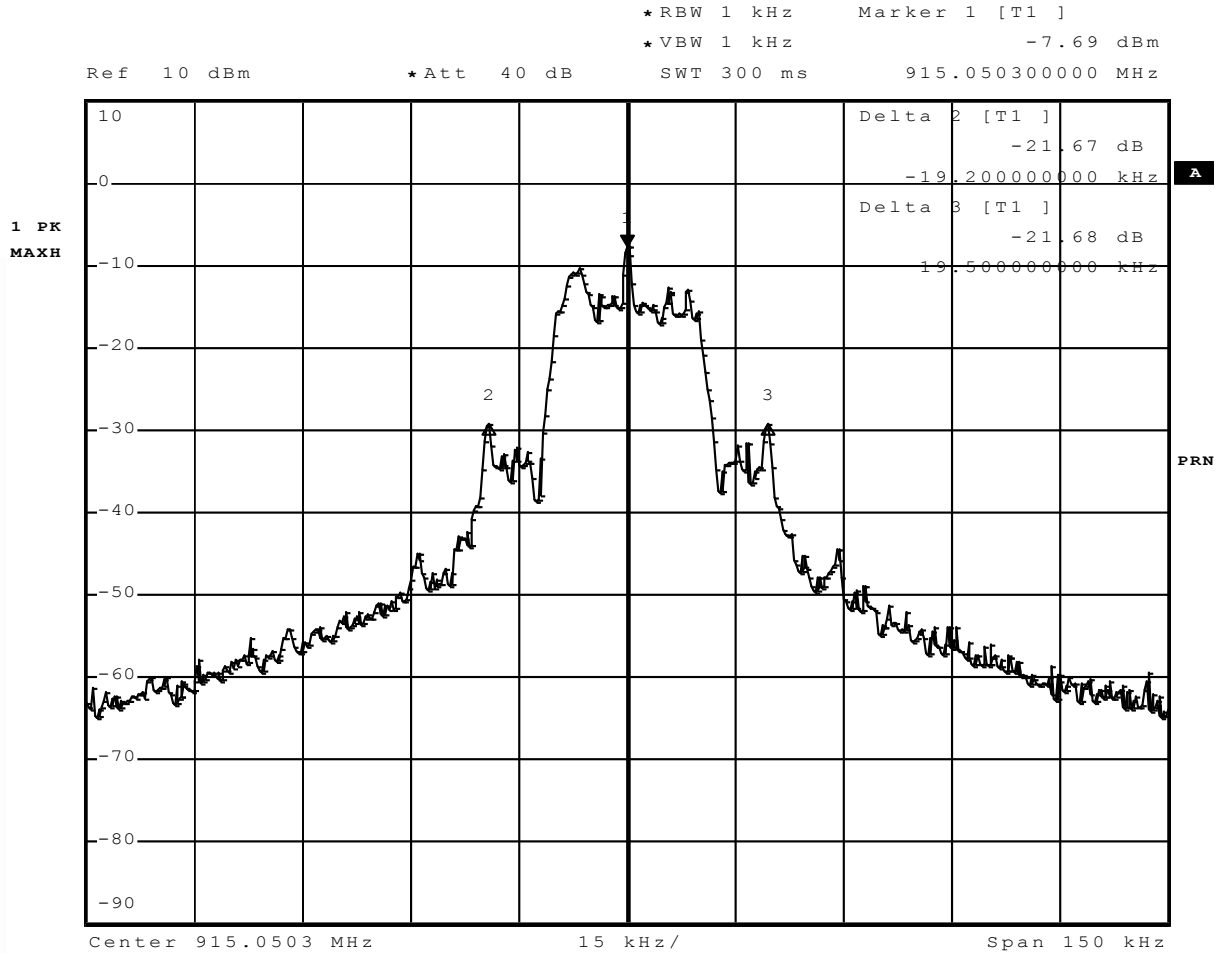


### G10145712



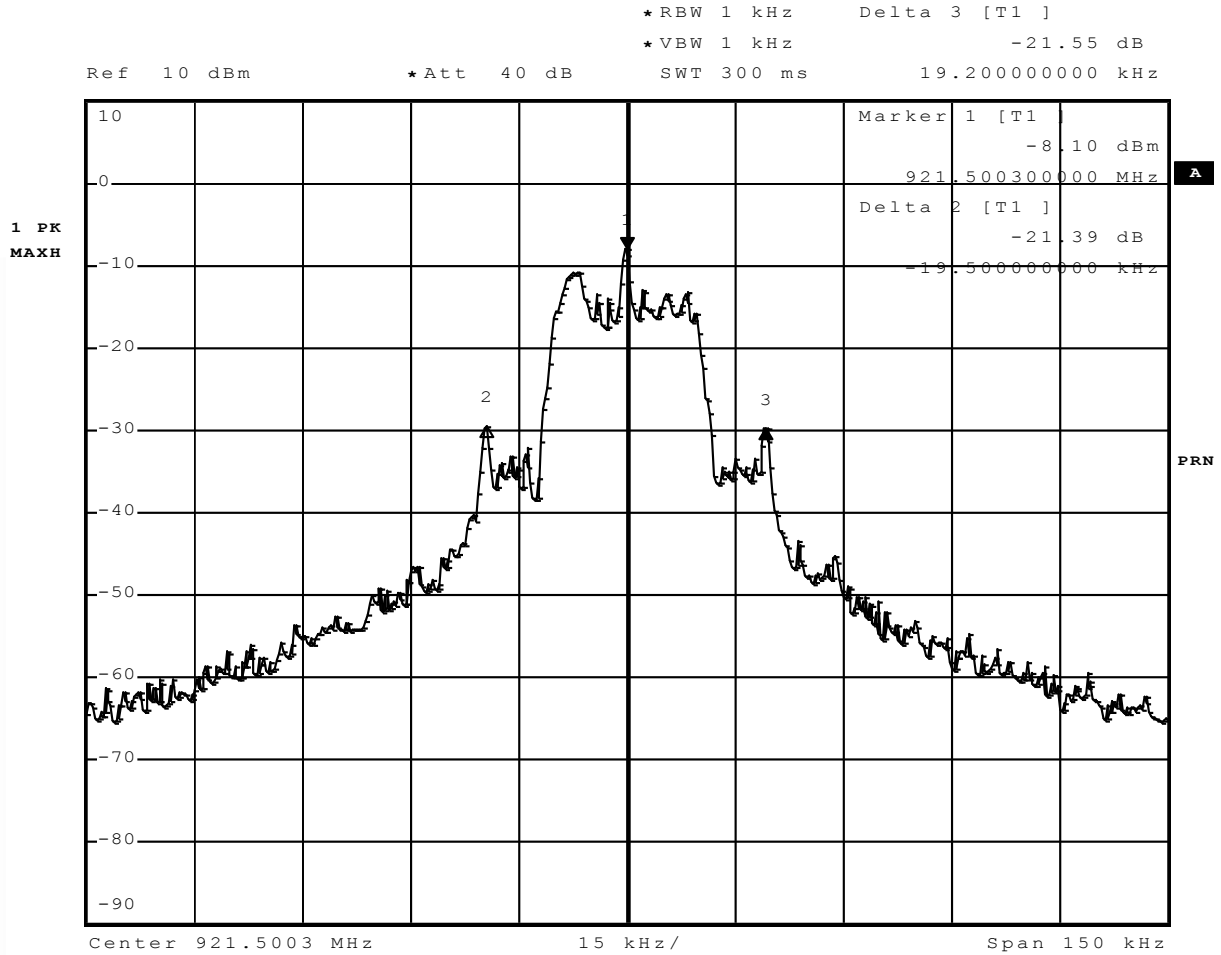


### G10145713





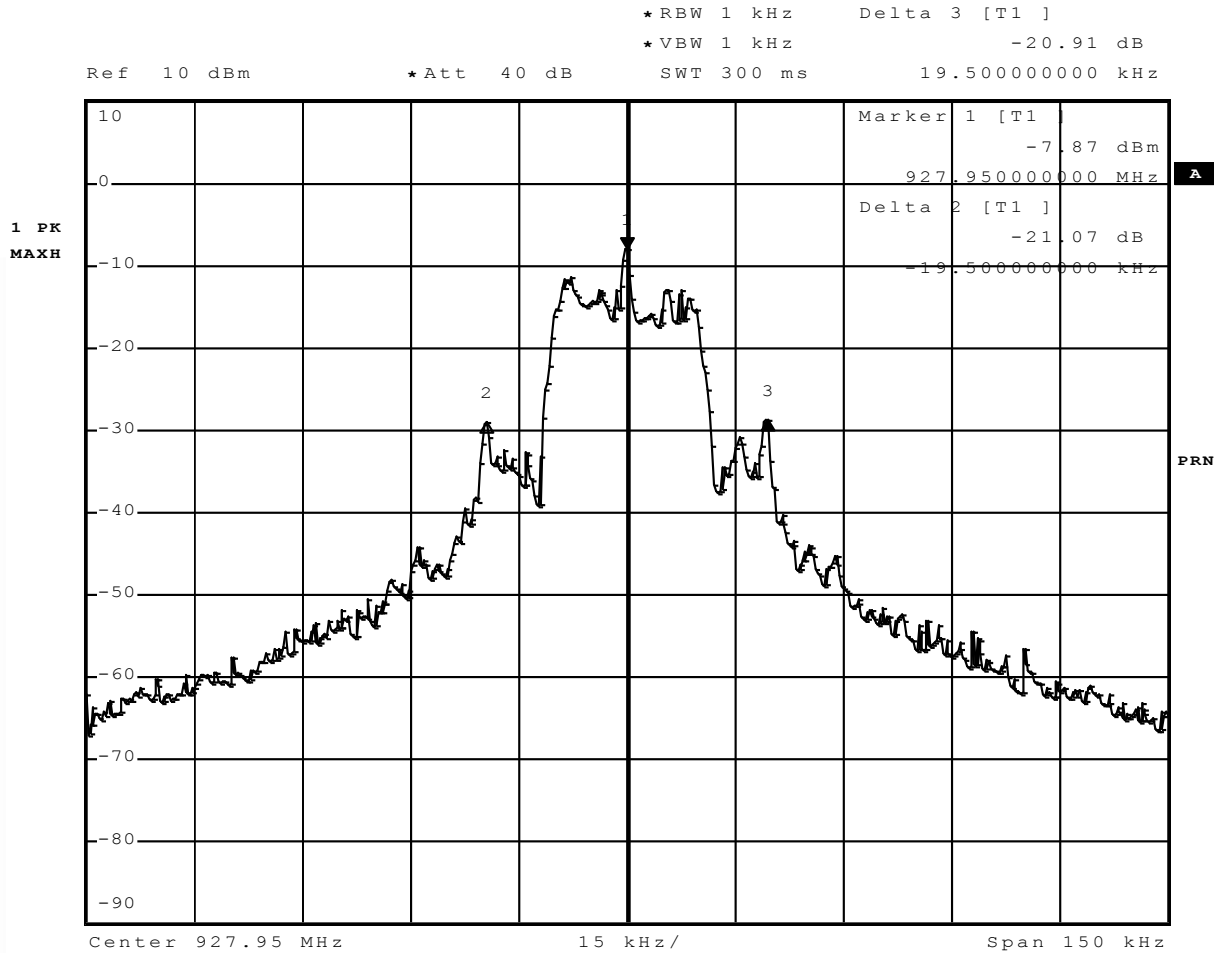
### G10145714



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### G10145715

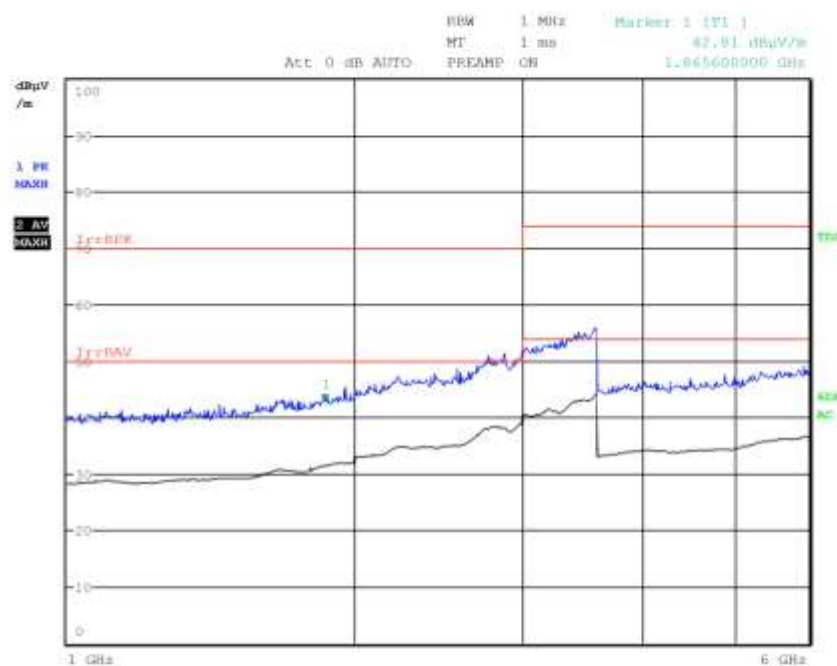


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## G10145716

**Meas Type** Emissioni 1000-6000MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** In RX  
**Operator** Bertezolo 10145716  
**Test Spec**  
Horiz



### Final Measurement

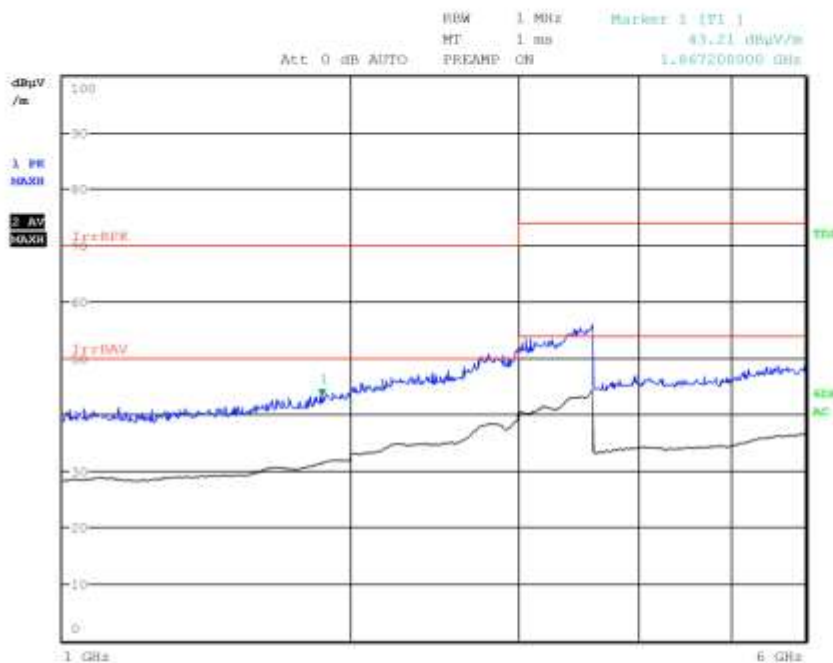
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

CMC Centro Misure Compatibilità S.r.l.



## G10145717

**Meas Type** Emissioni 1000-6000MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** In RX  
**Operator** Bertezolo 10145717  
**Test Spec**  
Vert



### Final Measurement

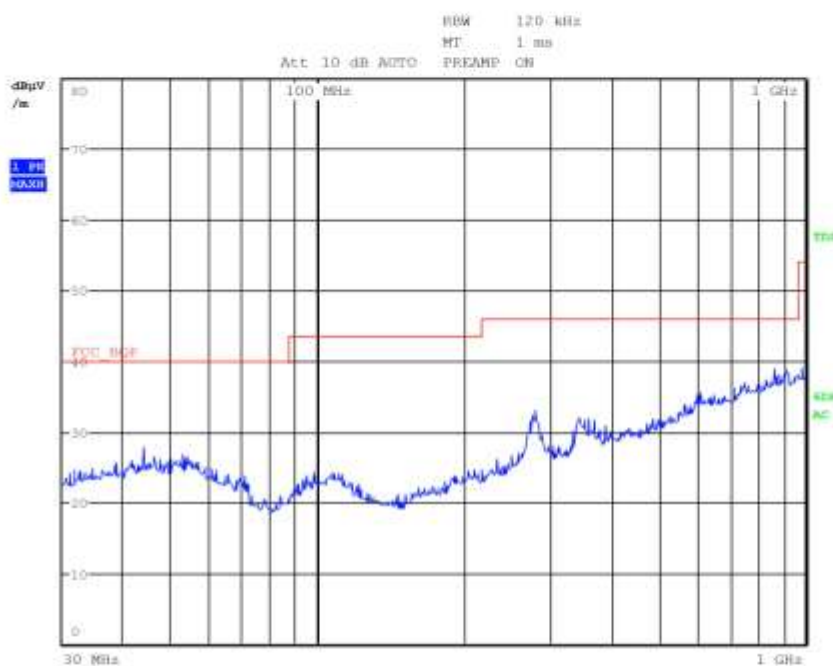
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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## G10145719

**Meas Type** Emissioni 30-1000MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** RX  
**Operator** Bertezolo 10145719  
**Test Spec**  
Horiz



### Final Measurement

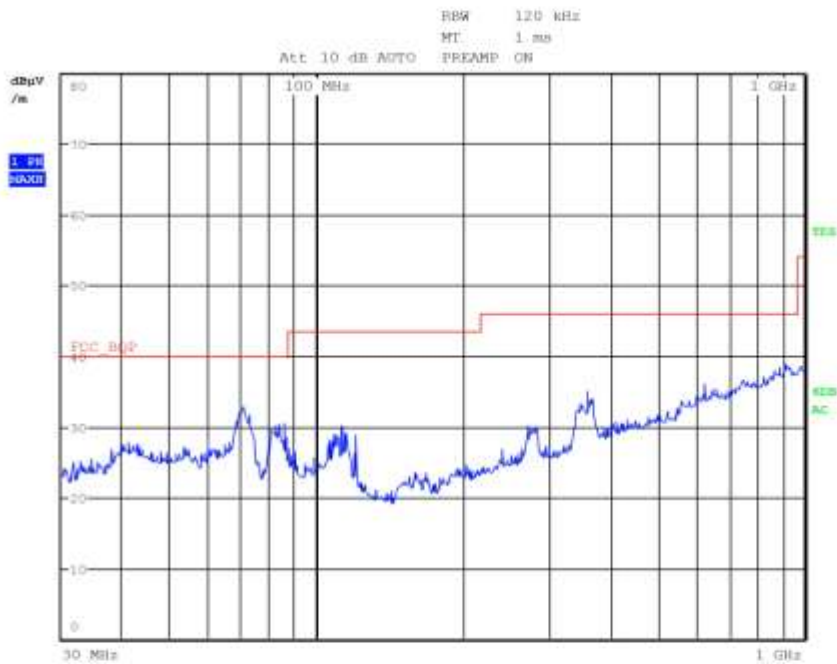
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G10145720

**Meas Type** Emissioni 30-1000MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** RX  
**Operator** Bertezolo 10145720  
**Test Spec**  
**Vert**



**Final Measurement**

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

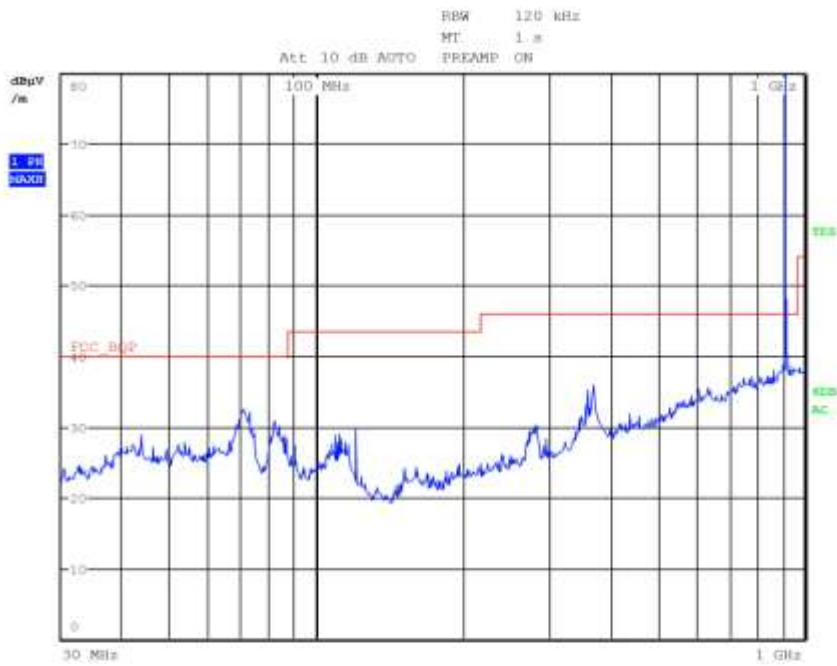
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G10145721

**Meas Type** Emissioni 30-1000MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX f min  
**Operator** Bertezolo 10145721  
**Test Spec**  
**Vert**



**Final Measurement**

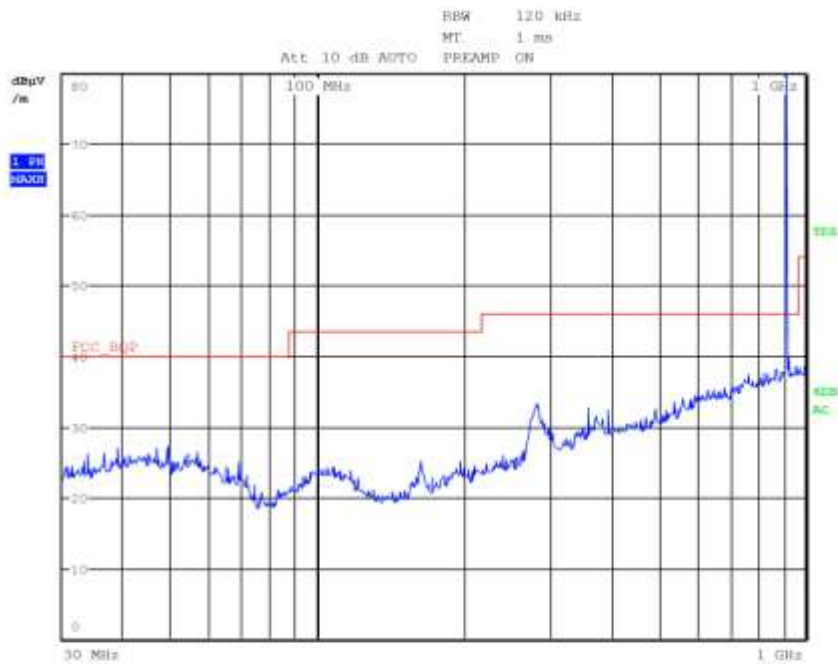
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G10145722

**Meas Type** Emissioni 30-1000MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX f min  
**Operator** Bertezolo 10145722  
**Test Spec**  
Hori



**Final Measurement**

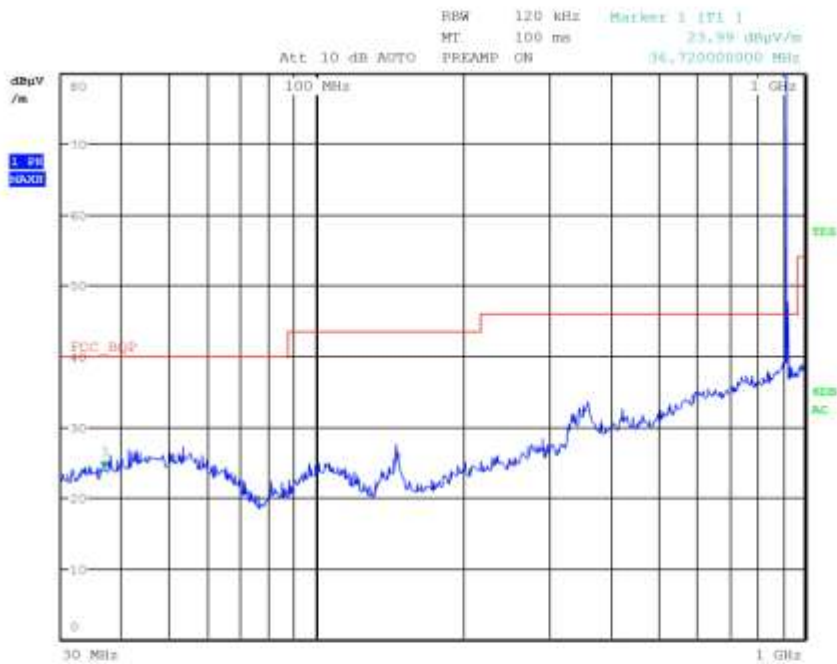
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G10145723

**Meas Type** Emission 30-1000MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX f med  
**Operator** Bertezolo 10145723  
**Test Spec**  
**Horiz**



**Final Measurement**

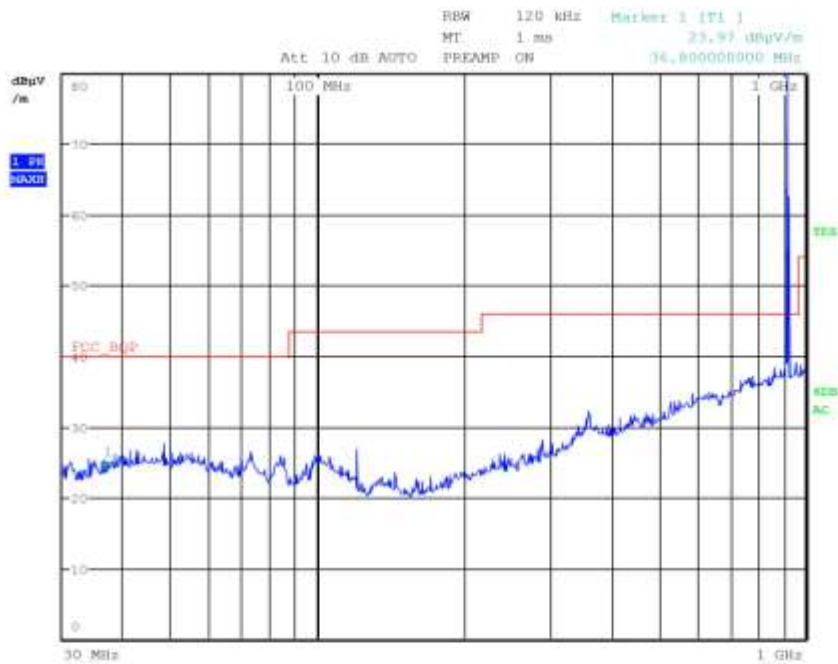
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G10145724

**Meas Type** Emission 30-1000MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX f med  
**Operator** Bertezolo 10145724  
**Test Spec**  
Vert



**Final Measurement**

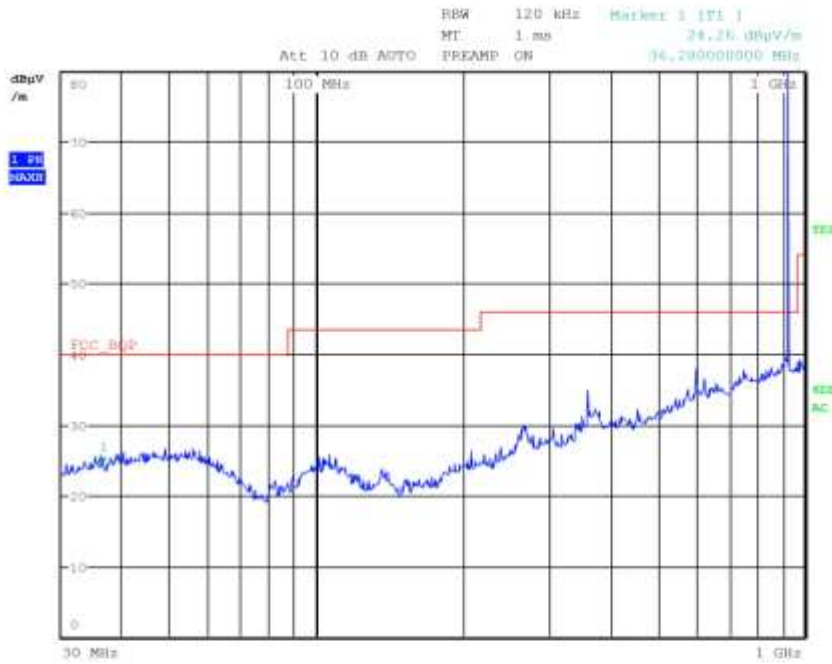
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G10145725

**Meas Type** Emission 30-1000MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX f max  
**Operator** Bertezolo 10145725  
**Test Spec**  
**Horiz**



**Final Measurement**

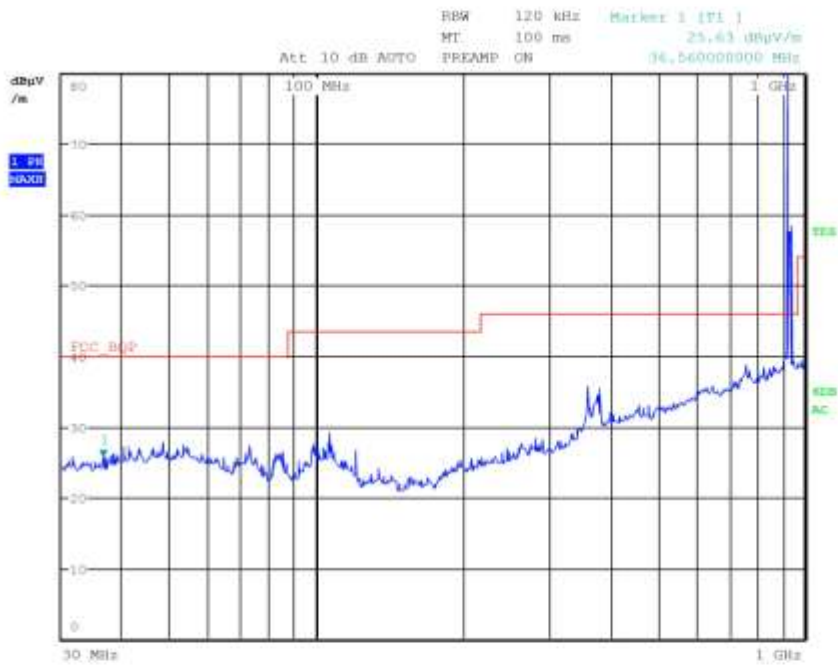
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G10145726

**Meas Type** Emission 30-1000MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** TX f max  
**Operator** Bertezolo 10145726  
**Test Spec**  
**Vert**



**Final Measurement**

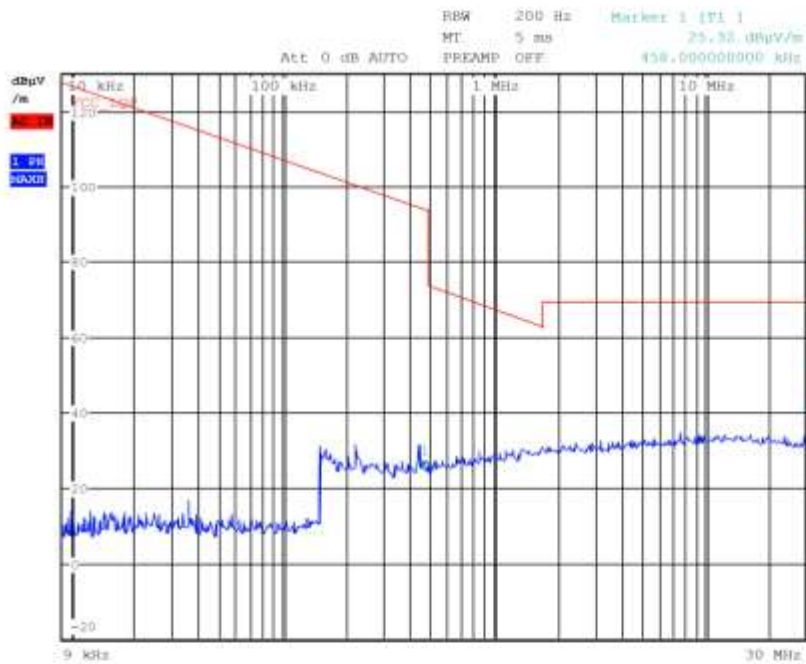
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G10145727

**Meas Type** Emission 0.009-30MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition**  
**Operator** Bertezolo 10145727  
**Test Spec**  
**Loop**



**Final Measurement**

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

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