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|--|--|
| <b>TEST REPORT nr. R13085201</b><br><b>Federal Communication Commission (FCC)</b><br><b>Industry Canada (IC)</b> |  |
| <b>Test item</b>   |  |
| Description.....:  | Transceiver Unit   |
| Trademark.....:  | AUTEC  |
| Model/Type.....:   | Model RGE Type BA00M   |
| <b>Test Specification</b>  |  |
| Standard .....   | FCC Rules & Regulations, Title 47 (2012) - Part 15 paragraph(s) : 207, 209, 215 and 249<br>RSS-210 (2010) – Annex 2 (A2.9) |
| <b>Client's name.....:</b> AUTEC S.r.l.  |  |
| Address .....  |  |
| Via Pomaroli, 65 - 36030 Caldogno (VI) - ITALY   |  |
| <b>Manufacturer's name.:</b> Same ad client  |  |
| Address .....  |  |
| --   |  |
| <b>Report</b>  |  |
| Tested by.....:  | G. Gandini - <i>Technician</i>   |
| Approved by.....:  | R. Beghetto - <i>Laboratory Manager</i>  |
| Date of issue.....:  | 31.07.13   |
| Contents .....   | 81 pages   |

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 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<br>RSS-210 (2010) – Annex 2 (A2.9) |                                |                |          |
| Test specifications  | Environmental Phenomena        | Tests sequence | Result   |
| FCC – Title 47 Part 15.203 and 15.204<br>IC – RSS-210                          | Antenna Requirement            | 1              | Complies |
| Part 15.215<br>IC – RSS-210 Annex 2 (A2.9)                                     | 20 Bandwidth                   | 2              | Complies |
| IC – RSS-210 Annex 2 (A2.9)  | Occupied Bandwidth<br>(99% BW) | 3              | Complies |
| Part 15.249<br>IC – RSS-210 Annex 2 (A2.9)                                     | Peak Output Power              | 4              | Complies |
| Part 15.215<br>IC – RSS-210 Annex 2 (A2.9)                                     | Band Edge                      | 5              | Complies |
| Part 15.209<br>IC – RSS-210 Annex 2 (A2.9)                                     | Radiated Spurious              | 6              | Complies |
| Part 15.207  | Conducted Emission             | 7              | 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.*



|   |   |
|---|---|
| <b>2. Description of Equipment under test (EUT)</b> |   |
| Power supply.....                                   | : 9-30Vdc   |
| Type of equipment .....                             | : <input checked="" type="checkbox"/> Transmitter Unit <input checked="" type="checkbox"/> Receiver Unit<br><input checked="" type="checkbox"/> Fixed station <input type="checkbox"/> Portable station <input type="checkbox"/> Mobile station |
| Alignment range.....                                | : 902 – 928 MHz   |
| Switching frequency .....                           | : 902 – 928 MHz   |
| Modulation .....                                    | : Up to 19300 Baud RC-FSK   |
| Information on antenna.....                         | : - Embedded<br>- External antenna: $\lambda/4$ stylus antenna<br>Type: A0ANTE00E0040   |
| FCC ID .....  | : OQA-RGEBA00M  |
| IC number .....                                     | : 9061A-RGEBA00M  |
| <b>2.1 Test Site</b>                                |   |
| Company.....  | : CMC Centro Misure Compatibilità S.r.l.  |
| Address .....                                       | : Via dell' Elettronica, 12/C – 36016 Thiene (VI) – ITALY   |
| <b>3. Testing and sampling</b>                      |   |
| Date of receipt of test item .....                  | : 29.04.13  |
| Testing start date.....                             | : 15.05.13  |
| Testing end date.....                               | : 17.06.13  |
| 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 P130423  |
| <b>4. Operative conditions</b>                      |   |
| --  |   |

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



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## 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 S108          | Emco                | 3115         | Horn antenna              | 9811-5622            | April '13               | April '16                   |
| CMC S124          | Spin                | AMTP42-20    | Horn Antenna 18-26GHz     | 103                  | May '13                 | May '16                     |
| CMC S127          | Schaffner           | HLA6120      | Loop Antenna              | 1191                 | January '13             | January '16                 |
| CMC S129          | Rohde & Schwarz     | ESPI7        | Receiver                  | 836.914/004          | January '13             | January '14                 |
| CMC S136          | Schwarzbeck         | VULB 9163    | Broadband Antenna         | 9136-205             | May '13                 | May '16                     |
| CMC S164          | Rohde & Schwarz     | ESU26        | EMC interference receiver | 100052               | January '13             | January '14                 |
| CMC S207          | Rohde & Schwarz     | ESCI 7       | EMI receiver              | 100781               | January '13             | January '14                 |



**7. Measurement uncertainty**

| <i>Test</i>   | <i>Expanded Uncertainty</i> | <i>note</i> |
|---|-----------------------------|-------------|
| <b>Conducted Emission</b>   |                             |             |
| (50Ω/50μH AMN) - (9 kHz – 150 kHz)                                  | ±3.9 dB                     | 1           |
| (50Ω/50μH AMN) - (150 kHz – 30 MHz)                                 | ±3.4 dB                     | 1           |
| (Voltage probe) - (150 kHz – 30 MHz)                                | ±3.4 dB                     | 1           |
| (50Ω/5μH AMN) - (150 kHz – 108 MHz)                                 | ±2.8 dB                     | 1           |
| <b>DiscontinuousConducted Emission</b>                              |                             |             |
| Conducted Emission (50Ω/50μH AMN) - (150 kHz – 30 MHz)              | ±3.4 dB                     | 1           |
| <b>Disturbance Power (30 MHz – 300 MHz)</b>                         |                             |             |
|   | ±3.8 dB                     | 1           |
| <b>Radiated Emission</b>  |                             |             |
| (0.150 MHz – 30 MHz)  | ±4.3 dB                     | 1           |
| (30 MHz – 1000 MHz)   | ±4.6 dB                     | 1           |
| (1 GHz – 6 GHz)   | ±4.7 dB                     | 1           |
| <b>Electromagnetic field EMF</b>                                    |                             |             |
|   | ±15.0 %                     | 1           |
| <b>Harmonic current emissions test</b>                              |                             |             |
|   | ±2.7 %                      | 1           |
| <b>Voltage fluctuation and flicker test</b>                         |                             |             |
|   | ±2.9 %                      | 1           |
| <b>Insertion loss test</b>  |                             |             |
|   | ±2.9 dB                     | 1           |
| <b>Radiated electromagnetic disturbance test (loop antenna)</b>     |                             |             |
|   | ±2.8 dB                     | 1           |
| <b>Radiated electromagnetic field immunity test</b>                 |                             |             |
|   | 0.8 V/m at 3V/m             | 1           |
| <b>Pulse modulated radiated electromagnetic field immunity test</b> |                             |             |
|   | 0.8 V/m at 3V/m             | 1           |
| <b>Injected currents immunity test</b>                              |                             |             |
|   | 0.4 V at 3V                 | 1           |
| <b>Bulk current</b>   |                             |             |
|   | 9.7 mA at 60 mA             | 1           |
| <b>Power frequency magnetic field immunity test</b>                 |                             |             |
|   | 0.1 A/m at 10 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>Pulse magnetic field immunity test</b>                           |                             |             |
|   |                             | 2           |
| <b>Damped oscillatory magnetic field immunity test</b>              |                             |             |
|   |                             | 2           |
| <b>Short interruption immunity test</b>                             |                             |             |
|   |                             | 2           |
| <b>Voltage transient emission test</b>                              |                             |             |
|   | ±2.2 %                      | 1           |
| <b>Transient immunity test</b>                                      |                             |             |
|   |                             | 2           |

**Notes**

*Note 1:*

The expanded uncertainty reported according to EN55016-4-2(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.

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## 8. Reference documents

| <i>Reference no.</i>                               | <i>Description</i>   |
|--|--|
| FCC Rules and Regulation Title 47 part 15 (2012)   | --   |
| RSS-210 Issue 8 – December 2010                    | Low-power Licence-exempt Radiocommunication Devices (All Frequency Bands): Category 1 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. 8.1 (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.  
Measurement uncertainty is in accordance with document CMC INC\_M rev. 8.1.

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## 11.1 Antenna Requirements

### Test configuration and test method

Test site Laboratory  
 Auxiliary equipment See clause 4 of this test report

### Environmental conditions

Temperature 21 °C Atmospheric pressure 99 kPa Relative humidity 48 %

### 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

| <i>Antenna Type</i> | <i>Gain</i> | <i>Remarks</i> | <i>Results</i> |
|---------------------|-------------|----------------|----------------|
| Embedded            | 0 dBi       | --             | Complies       |
| External            | 0 dBi       | --             | Complies       |

### Remarks ////////////////

### Reference documents

See clause 8 of this test report

### Result

The requirements are met



## 11.2 20dB 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 99 kPa Relative humidity 45 %

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.215
- RSS-210 Annex 2 (A2.9)
- Internal Procedure PM001
- See clause 4 of this test report

### Test specification

Port: Antenna;

### EUT exercising

See clause 4 of this test report

### Result

| <i>Frequency<br/>(MHz)</i> | <i>Graph(s)</i> | <i>Bandwidth<br/>(kHz)</i> | <i>Remark</i>     |
|----------------------------|-----------------|----------------------------|-------------------|
| 915,250                    | G13085253       | 19,23                      | Antenna: Embedded |
| 921,000                    | G13085254       | 19,34                      |                   |
| 927,750                    | G13085257       | 19,23                      |                   |
| 915,250                    | G13085262       | 19,23                      | Antenna: External |
| 921,000                    | G13085261       | 19,23                      |                   |
| 927,750                    | G13085258       | 19,23                      |                   |

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 Occupied Bandwidth (99% BW)

#### Test configuration and test method

Test site Laboratory  
 Auxiliary equipment See clause 4 of this test report

#### Environmental conditions

Temperature 21 °C Atmospheric pressure 99 kPa Relative humidity 45 %

#### Test set-up and execution

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

#### Test specification

Port: Antenna;

#### EUT exercising

See clause 4 of this test report

#### Result

| <i>Frequency<br/>(MHz)</i>      | <i>Graph(s)</i> | <i>Bandwidth<br/>(kHz)</i> | <i>Remark</i>     |
|---------------------------------|-----------------|----------------------------|-------------------|
| 915,250                         | G13085252       | 15,94                      | Antenna: Embedded |
| 921,000                         | G13085255       | 16,02                      |                   |
| 927,750                         | G13085256       | 15,95                      |                   |
| 915,250                         | G13085263       | 15,86                      | Antenna: External |
| 921,000                         | G13085260       | 15,94                      |                   |
| 927,750                         | G13085259       | 16,03                      |                   |
| 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 Peak Output Power

### Test configuration and test method

Test site Laboratory  
 Auxiliary equipment See clause 4 of this test report

### Environmental conditions

Temperature 24 °C Atmospheric pressure 99 kPa Relative humidity 50 %

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.209 and 15.249
- RSS-210 Annex 2 (A2.9)
- Internal Procedure PM001
- See clause 4 of this test report

### Test specification

Port: Antenna;  
 Antenna distance: 3m

### EUT exercising

See clause 4 of this test report

### Acceptance limits

| Frequency range | RF power output         |
|-----------------|-------------------------|
| 902-928 MHz     | 50mV/m (94dB $\mu$ V/m) |

### Result

| Frequency (MHz)                      | Polarization | Graphs    | Measured QP level (dB $\mu$ V/m) | Peak Output Power (mW) | Remark            |
|--------------------------------------|--------------|-----------|----------------------------------|------------------------|-------------------|
| 915,250                              | Horizontal   | G13085225 | 84,85                            | 0,12                   | Antenna: Embedded |
| 915,250                              | Vertical     | G13085224 | 90,85                            | 0,27                   |                   |
| 921,000                              | Horizontal   | G13085226 | 82,85                            | 0,03                   |                   |
| 921,000                              | Vertical     | G13085227 | 88,82                            | 0,27                   |                   |
| 927,750                              | Horizontal   | G13085229 | 83,98                            | 0,12                   |                   |
| 927,750                              | Vertical     | G13085228 | 89,75                            | 0,27                   |                   |
| Measurement uncertainty: $\pm 3$ dBm |              |           |                                  |                        |                   |



| <i>Frequency<br/>(MHz)</i>     | <i>Polarization</i> | <i>Graphs</i> | <i>Measured QP<br/>level (dBμV/m)</i> | <i>Peak Output<br/>Power (mW)</i> | <i>Remark</i>        |
|--------------------------------|---------------------|---------------|---------------------------------------|-----------------------------------|----------------------|
| 915,250                        | Horizontal          | G13085202     | 83,63                                 | 0,12                              | Antenna:<br>External |
| 915,250                        | Vertical            | G13085201     | 92,75                                 | 0,48                              |                      |
| 921,000                        | Horizontal          | G13085203     | 84,07                                 | 0,12                              |                      |
| 921,000                        | Vertical            | G13085204     | 93,78                                 | 0,75                              |                      |
| 927,750                        | Horizontal          | G13085206     | 84,13                                 | 0,12                              |                      |
| 927,750                        | Vertical            | G13085205     | 93,29                                 | 0,75                              |                      |
| 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: 1 (0dBi)

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



## 11.5 Band Edge

### Test configuration and test method

Test site Laboratory  
 Auxiliary equipment See clause 4 of this test report

### Environmental conditions

Temperature 23 °C Atmospheric pressure 98 kPa Relative humidity 51 %

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.215
- 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

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated. The requirement to contain the designated bandwidth of the emission within the specified frequency band includes the effects from frequency sweeping, frequency hopping and other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage. If a frequency stability is not specified in the regulations, it is recommended that the fundamental emission be kept within at least the central 80% of the permitted band in order to minimize the possibility of out-of-band operation.

### Result

| Frequency (MHz)               | Graph(s)  | Remark            |
|-------------------------------|-----------|-------------------|
| 915,250                       | G13085249 | Antenna: Embedded |
|                               | G13085248 |                   |
| 927,750                       | G13085246 |                   |
|                               | G13085247 |                   |
| 915,250                       | G13085243 | Antenna: External |
|                               | G13085242 |                   |
| 927,750                       | G13085244 |                   |
|                               | G13085245 |                   |
| Measurement uncertainty: ±1dB |           |                   |

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 Radiated Spurious (Transmitter)

### Test configuration and test method

Test site Semi-anechoic chamber  
 Auxiliary equipment None

### Environmental conditions

Temperature 23 °C Atmospheric pressure 98 kPa Relative humidity 51 %

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.209
- RSS-210 Annex 2 (A2.9)
- Internal Procedure PM001
- See clause 4 of this test report

### Test specification

Port: Antenna;  
 For measurements below 1GHz the resolution bandwidth is set to 100kHz.  
 For measurements above 1GHz the resolution bandwidth is set to 1MHz.

### 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

| Channel | Polarization | Frequency Range (MHz) | Graph(s) (peak measurements) | Result   | Remarks           |
|---------|--------------|-----------------------|------------------------------|----------|-------------------|
| 915,250 | Horizontal   | 30 – 1000             | G13085218                    | Complies | Antenna: Embedded |
| 915,250 | Vertical     | 30 – 1000             | G13085219                    | Complies |                   |
| 921,000 | Horizontal   | 30 – 1000             | G13085221                    | Complies |                   |
| 921,000 | Vertical     | 30 – 1000             | G13085220                    | Complies |                   |
| 927,750 | Horizontal   | 30 – 1000             | G13085222                    | Complies |                   |
| 927,750 | Vertical     | 30 – 1000             | G13085223                    | Complies |                   |

| Antenna      | Frequency Range (MHz) | Graph(s)  | Result   | Remarks           |
|--------------|-----------------------|-----------|----------|-------------------|
| Loop Antenna | 9kHz – 30MHz          | G13085250 | Complies | Antenna: Embedded |





| Nr.<br>Harmonics                    | AV level (dB $\mu$ V/m) |                               |             |                               |             |                               | AV Limits<br>(dB $\mu$ V/m) | Remark               |
|-------------------------------------|-------------------------|-------------------------------|-------------|-------------------------------|-------------|-------------------------------|-----------------------------|----------------------|
|                                     | 915,250MHz              |                               | 921,000 MHz |                               | 927,750 MHz |                               |                             |                      |
|                                     | Frequency               | (dB $\mu$ V/m)                | Frequency   | (dB $\mu$ V/m)                | Frequency   | (dB $\mu$ V/m)                |                             |                      |
| II Harmonic                         | --                      | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | 54,00                       | Antenna:<br>Embedded |
| III Harmonic                        | 2745,7339               | 50,3                          | 2762,9358   | 50,1                          | 2783,2500   | 51,04                         | 54,00                       |                      |
| IV Harmonic                         | 3661,0480               | 44,1                          | --          | More than 15dB<br>below limit | 3711,0240   | 43,2                          | 54,00                       |                      |
| V Harmonic                          | --                      | More than 15dB<br>below limit | 4604,8557   | 42,5                          | --          | More than 15dB<br>below limit | 54,00                       |                      |
| VI Harmonic                         | --                      | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | 54,00                       |                      |
| VII Harmonic                        | --                      | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | 54,00                       |                      |
| VIII Harmonic                       | --                      | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | 54,00                       |                      |
| IX Harmonic                         | --                      | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | 54,00                       |                      |
| X Harmonic                          | --                      | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | 54,00                       |                      |
| Measurement Uncertainty: $\pm 4$ dB |                         |                               |             |                               |             |                               |                             |                      |

| Nr.<br>Harmonics                    | PK level (dB $\mu$ V/m) |                               |             |                               |             |                               | PK Limits<br>(dB $\mu$ V/m) | Remark               |
|-------------------------------------|-------------------------|-------------------------------|-------------|-------------------------------|-------------|-------------------------------|-----------------------------|----------------------|
|                                     | 915,250MHz              |                               | 921,000 MHz |                               | 927,750 MHz |                               |                             |                      |
|                                     | Frequency               | (dB $\mu$ V/m)                | Frequency   | (dB $\mu$ V/m)                | Frequency   | (dB $\mu$ V/m)                |                             |                      |
| II Harmonic                         | --                      | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | 74,00                       | Antenna:<br>Embedded |
| III Harmonic                        | 2745,7339               | 54,2                          | 2762,9358   | 53,6                          | 2783,2500   | 54,2                          | 74,00                       |                      |
| IV Harmonic                         | 3661,0480               | 50,9                          | --          | More than 15dB<br>below limit | 3711,0240   | 49,98                         | 74,00                       |                      |
| V Harmonic                          | --                      | More than 15dB<br>below limit | 4604,8557   | 50,2                          | --          | More than 15dB<br>below limit | 74,00                       |                      |
| VI Harmonic                         | --                      | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | 74,00                       |                      |
| VII Harmonic                        | --                      | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | 74,00                       |                      |
| VIII Harmonic                       | --                      | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | 74,00                       |                      |
| IX Harmonic                         | --                      | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | 74,00                       |                      |
| X Harmonic                          | --                      | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | --          | More than 15dB<br>below limit | 74,00                       |                      |
| Measurement Uncertainty: $\pm 4$ dB |                         |                               |             |                               |             |                               |                             |                      |



| <i>Channel</i> | <i>Polarization</i> | <i>Frequency Range (MHz)</i> | <i>Graph(s) (peak measurements)</i> | <i>Result</i> | <i>Remarks</i>       |
|----------------|---------------------|------------------------------|-------------------------------------|---------------|----------------------|
| 915,250        | Horizontal          | 30 – 1000                    | G13085214                           | Complies      | Antenna:<br>External |
| 915,250        | Vertical            | 30 – 1000                    | G13085215                           | Complies      |                      |
| 921,000        | Horizontal          | 30 – 1000                    | G13085217                           | Complies      |                      |
| 921,000        | Vertical            | 30 – 1000                    | G13085216                           | Complies      |                      |
| 927,750        | Horizontal          | 30 – 1000                    | G13085208                           | Complies      |                      |
| 927,750        | Vertical            | 30 – 1000                    | G13085207                           | Complies      |                      |

| <i>Antenna</i> | <i>Frequency Range (MHz)</i> | <i>Graph(s)</i> | <i>Result</i> | <i>Remarks</i>    |
|----------------|------------------------------|-----------------|---------------|-------------------|
| Loop Antenna   | 9kHz – 30MHz                 | G13085251       | Complies      | Antenna: External |



| Nr.<br>Harmonics                    | AV level (dB $\mu$ V/m) |                            |             |                            |             |                            | AV Limits<br>(dB $\mu$ V/m) | Remark               |
|-------------------------------------|-------------------------|----------------------------|-------------|----------------------------|-------------|----------------------------|-----------------------------|----------------------|
|                                     | 915,250MHz              |                            | 921,000 MHz |                            | 927,750 MHz |                            |                             |                      |
|                                     | Frequency               | (dB $\mu$ V/m)             | Frequency   | (dB $\mu$ V/m)             | Frequency   | (dB $\mu$ V/m)             |                             |                      |
| II Harmonic                         | --                      | More than 15dB below limit | --          | More than 15dB below limit | --          | More than 15dB below limit | 54,00                       | Antenna:<br>External |
| III Harmonic                        | --                      | More than 15dB below limit | --          | More than 15dB below limit | 3711,0128   | 44,35                      | 54,00                       |                      |
| IV Harmonic                         | --                      | More than 15dB below limit | --          | More than 15dB below limit | 4638,7500   | 44,03                      | 54,00                       |                      |
| V Harmonic                          | --                      | More than 15dB below limit | --          | More than 15dB below limit | --          | More than 15dB below limit | 54,00                       |                      |
| VI Harmonic                         | --                      | More than 15dB below limit | --          | More than 15dB below limit | --          | More than 15dB below limit | 54,00                       |                      |
| VII Harmonic                        | --                      | More than 15dB below limit | --          | More than 15dB below limit | --          | More than 15dB below limit | 54,00                       |                      |
| VIII Harmonic                       | --                      | More than 15dB below limit | --          | More than 15dB below limit | --          | More than 15dB below limit | 54,00                       |                      |
| IX Harmonic                         | --                      | More than 15dB below limit | --          | More than 15dB below limit | --          | More than 15dB below limit | 54,00                       |                      |
| X Harmonic                          | --                      | More than 15dB below limit | --          | More than 15dB below limit | --          | More than 15dB below limit | 54,00                       |                      |
| Measurement Uncertainty: $\pm 4$ dB |                         |                            |             |                            |             |                            |                             |                      |

| Nr.<br>Harmonics                    | PK level (dB $\mu$ V/m) |                            |             |                            |             |                            | PK Limits<br>(dB $\mu$ V/m) | Remark               |
|-------------------------------------|-------------------------|----------------------------|-------------|----------------------------|-------------|----------------------------|-----------------------------|----------------------|
|                                     | 915,250MHz              |                            | 921,000 MHz |                            | 927,750 MHz |                            |                             |                      |
|                                     | Frequency               | (dB $\mu$ V/m)             | Frequency   | (dB $\mu$ V/m)             | Frequency   | (dB $\mu$ V/m)             |                             |                      |
| II Harmonic                         | --                      | More than 15dB below limit | --          | More than 15dB below limit | --          | More than 15dB below limit | 74,00                       | Antenna:<br>External |
| III Harmonic                        | --                      | More than 15dB below limit | --          | More than 15dB below limit | 3711,0128   | 51,15                      | 74,00                       |                      |
| IV Harmonic                         | --                      | More than 15dB below limit | --          | More than 15dB below limit | 4638,7500   | 51,37                      | 74,00                       |                      |
| V Harmonic                          | --                      | More than 15dB below limit | --          | More than 15dB below limit | --          | More than 15dB below limit | 74,00                       |                      |
| VI Harmonic                         | --                      | More than 15dB below limit | --          | More than 15dB below limit | --          | More than 15dB below limit | 74,00                       |                      |
| VII Harmonic                        | --                      | More than 15dB below limit | --          | More than 15dB below limit | --          | More than 15dB below limit | 74,00                       |                      |
| VIII Harmonic                       | --                      | More than 15dB below limit | --          | More than 15dB below limit | --          | More than 15dB below limit | 74,00                       |                      |
| IX Harmonic                         | --                      | More than 15dB below limit | --          | More than 15dB below limit | --          | More than 15dB below limit | 74,00                       |                      |
| X Harmonic                          | --                      | More than 15dB below limit | --          | More than 15dB below limit | --          | More than 15dB 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 S136, CMC S164

Measurement uncertainty: See clause 7 of this test report

**Result** The requirements are met



## 11.7 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 22 °C Atmospheric pressure 99 kPa Relative humidity 50 %

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.209
- RSS-210 Annex 2 (A2.9)
- 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

| Channel | Polarization | Frequency Range (MHz) | Graph(s) (peak measurements) | Result   | Remarks           |
|---------|--------------|-----------------------|------------------------------|----------|-------------------|
| 915,250 | Horizontal   | 1000 – 10000          | G13085234                    | Complies | Antenna: Embedded |
| 915,250 | Vertical     | 1000 – 10000          | G13085235                    | Complies |                   |
| 921,000 | Horizontal   | 1000 – 10000          | G13085236                    | Complies |                   |
| 921,000 | Vertical     | 1000 – 10000          | G13085237                    | Complies |                   |
| 927,750 | Horizontal   | 1000 – 10000          | G13085238                    | Complies |                   |
| 927,750 | Vertical     | 1000 – 10000          | G13085239                    | Complies |                   |
| 915,250 | Horizontal   | 1000 – 10000          | G13085237                    | Complies | Antenna: Embedded |
| 915,250 | Vertical     | 1000 – 10000          | G13085236                    | Complies |                   |
| 921,000 | Horizontal   | 1000 – 10000          | G13085238                    | Complies |                   |
| 921,000 | Vertical     | 1000 – 10000          | G13085239                    | Complies |                   |
| 927,750 | Horizontal   | 1000 – 10000          | G13085241                    | Complies |                   |
| 927,750 | Vertical     | 1000 – 10000          | G13085240                    | 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



### 11.8 Emission of mains terminal disturbance voltage (continuous disturbance)

#### 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 45 %

#### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.207
- Internal Procedure PM001
- See clause 4 of this test report

#### Test specification

Port: AC mains

#### EUT exercising

See clause 4 of this test report

#### Acceptance limits

| <i>Limits</i>                |                          |                       |
|------------------------------|--------------------------|-----------------------|
| <i>Frequency range (MHz)</i> | <i>dB(µV) Quasi-peak</i> | <i>dB(µV) Average</i> |
| 0,15 to 0,50                 | 66 to 56                 | 56 to 46              |
| 0,50 to 5                    | 56                       | 46                    |
| 5 to 30                      | 60                       | 50                    |

#### Result

| <i>Line</i> | <i>Graphs</i> | <i>Result</i> | <i>Remarks</i>   |
|-------------|---------------|---------------|--|
| N           | G13085213     | Complies      | Worst case condition:<br>Antenna: Embedded<br>Test at 9Vdc |
| L1          | G13085212     | Complies      |  |

#### Graphs Legend

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

#### Remarks //////////////

#### Reference documents

See clause 8 of this test report

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

CMC S206  
 Measurement uncertainty: See clause 7 of this test report

#### Result The requirements are met

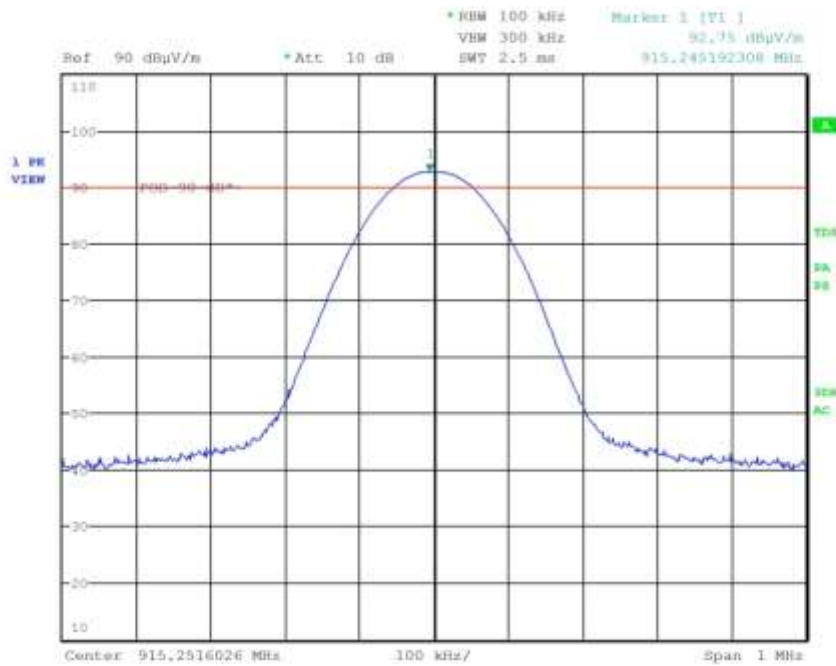
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## 12. Graphs and Tables

G13085201

Meas Type Emission  
Equipment under Test  
Manufacturer  
OP Condition Tx-Fmin  
Operator Gandini 13085201  
Test Spec  
Vert

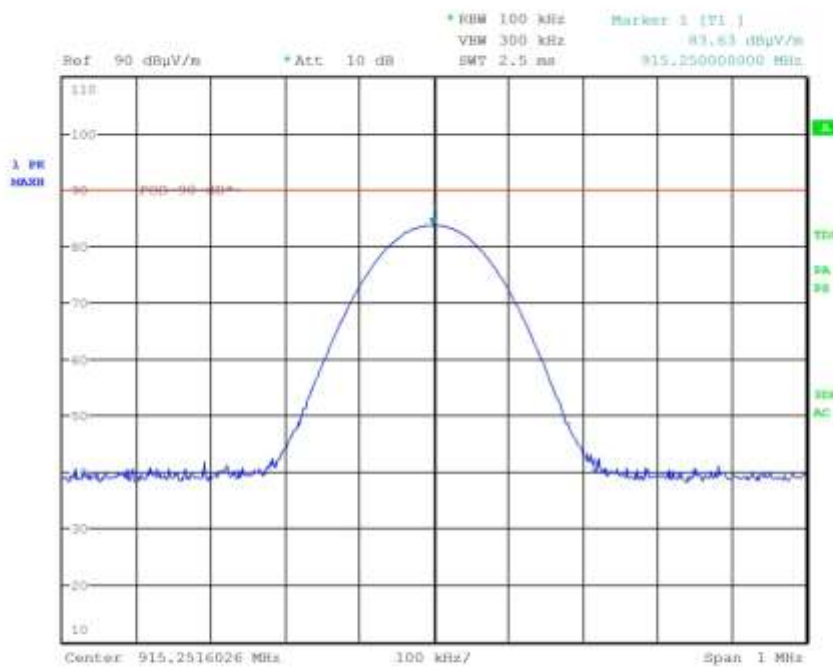


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G13085202

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmin  
**Operator** Gandini 13085202  
**Test Spec**  
Horiz

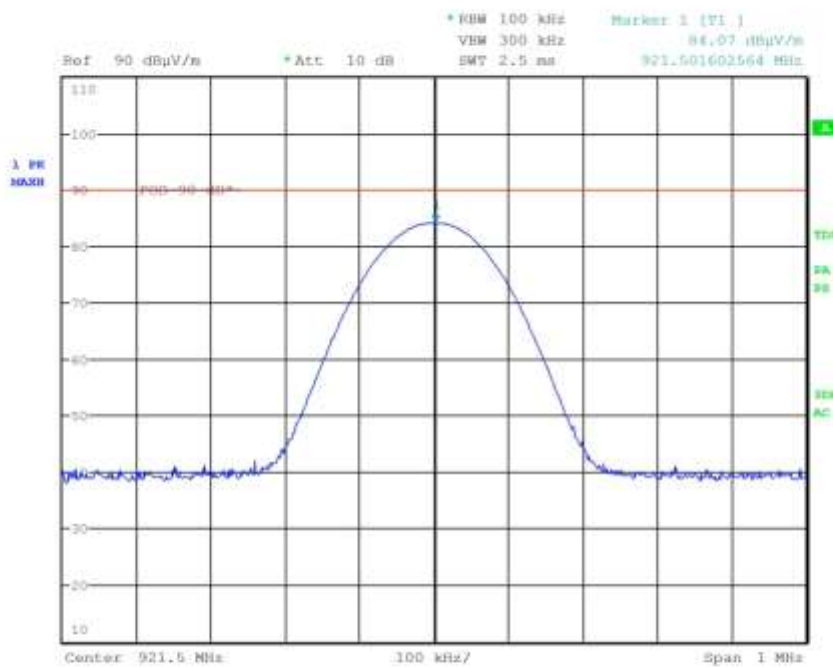


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G13085203

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmed  
**Operator** Gandini 13085203  
**Test Spec**  
Horiz



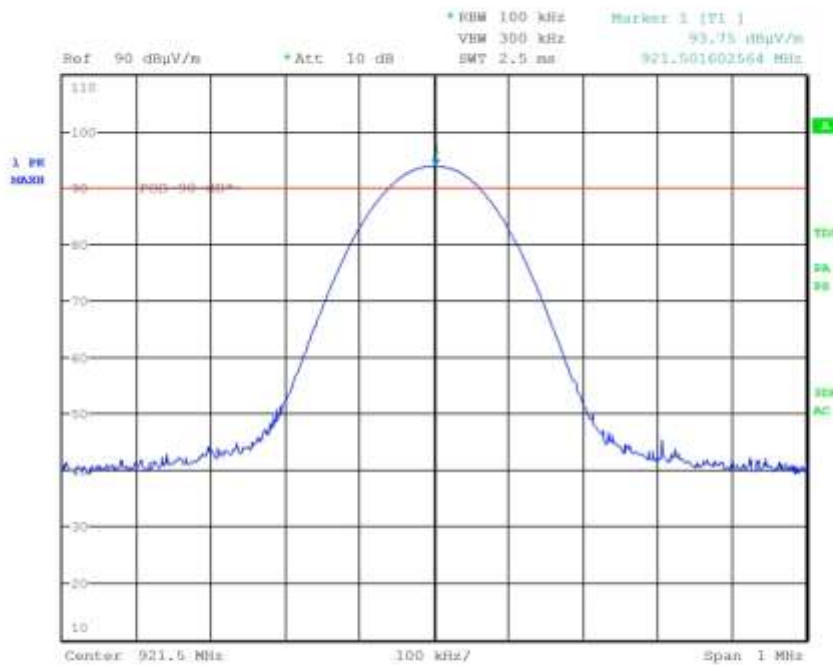
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G13085204

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmed  
**Operator** Gandini 13085204  
**Test Spec**  
Vert

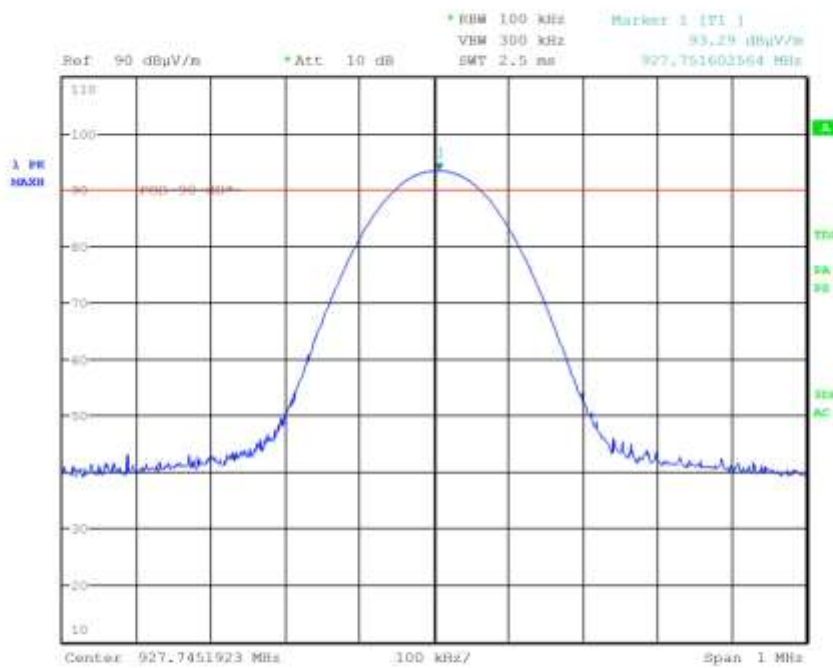


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G13085205

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmax  
**Operator** Gandini 13085205  
**Test Spec**  
Vert

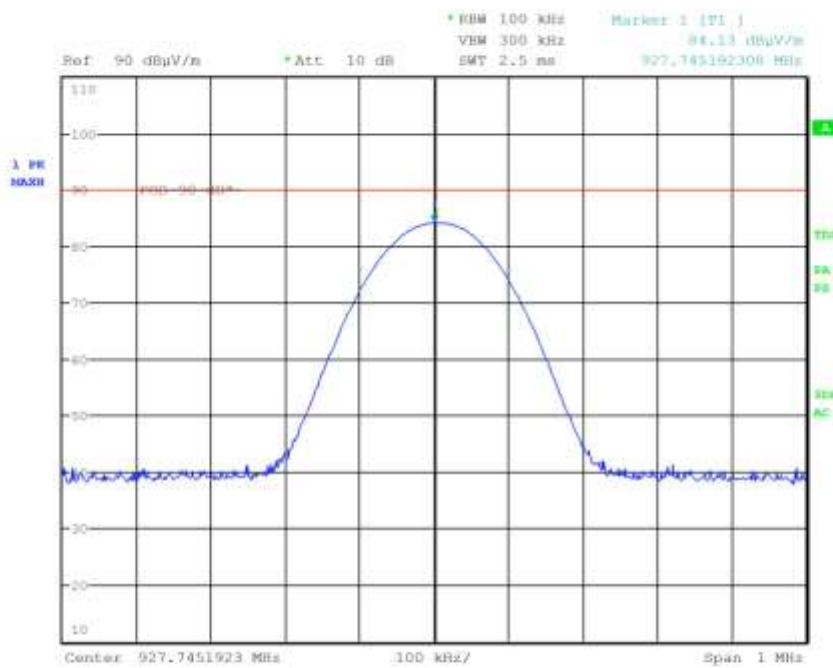


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G13085206

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmax  
**Operator** Gandini 13085206  
**Test Spec**  
**Horiz**

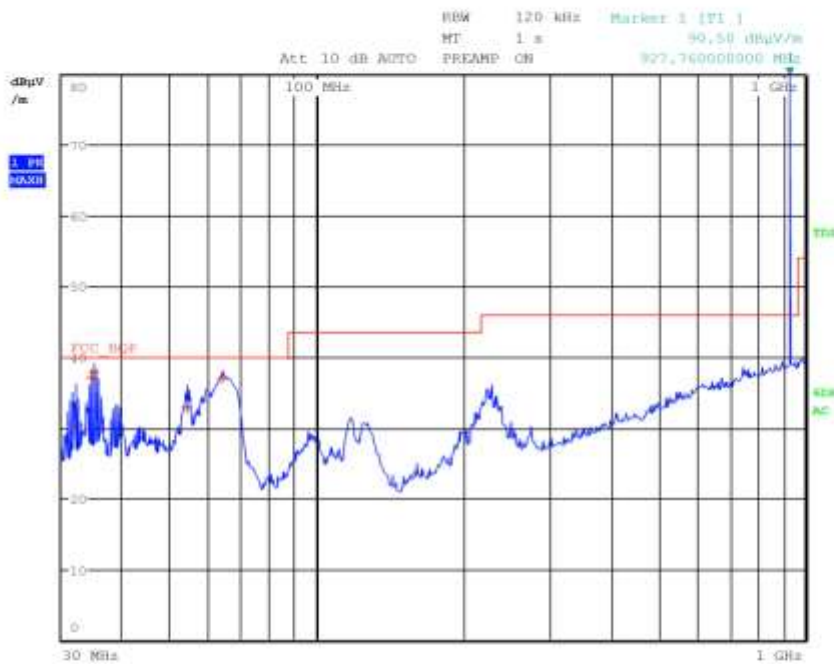


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G13085207

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmax  
**Operator** Gandini 13085207  
**Test Spec**  
 Vert.



**Final Measurement**

Meas Time: 1 s  
 Margin: 6 dB  
 Subranges: 4

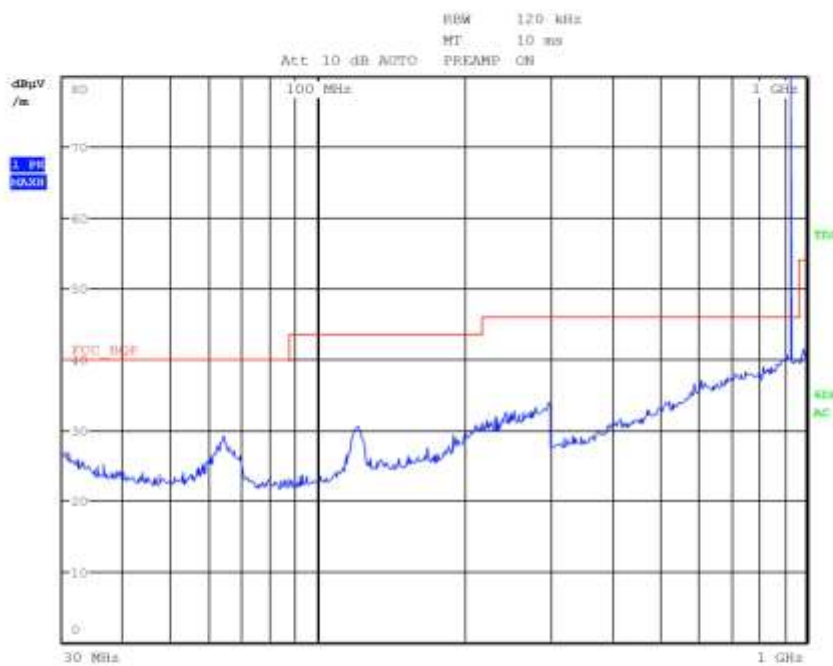
| Trace | Frequency        | Level (dBµV/m) | Detector   | Delta Limit/dB |
|-------|------------------|----------------|------------|----------------|
| 1     | 34.480000000 MHz | 37.05          | Quasi Peak | -2.95          |
| 1     | 34.880000000 MHz | 37.95          | Quasi Peak | -2.05          |
| 1     | 54.160000000 MHz | 32.84          | Quasi Peak | -7.16          |
| 1     | 64.000000000 MHz | 37.02          | Quasi Peak | -2.98          |

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G13085208

**Meas Type** Emission 30-1000MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmax-ANT. EXT.  
**Operator** Gandini 13085208  
**Test Spec**  
Horiz



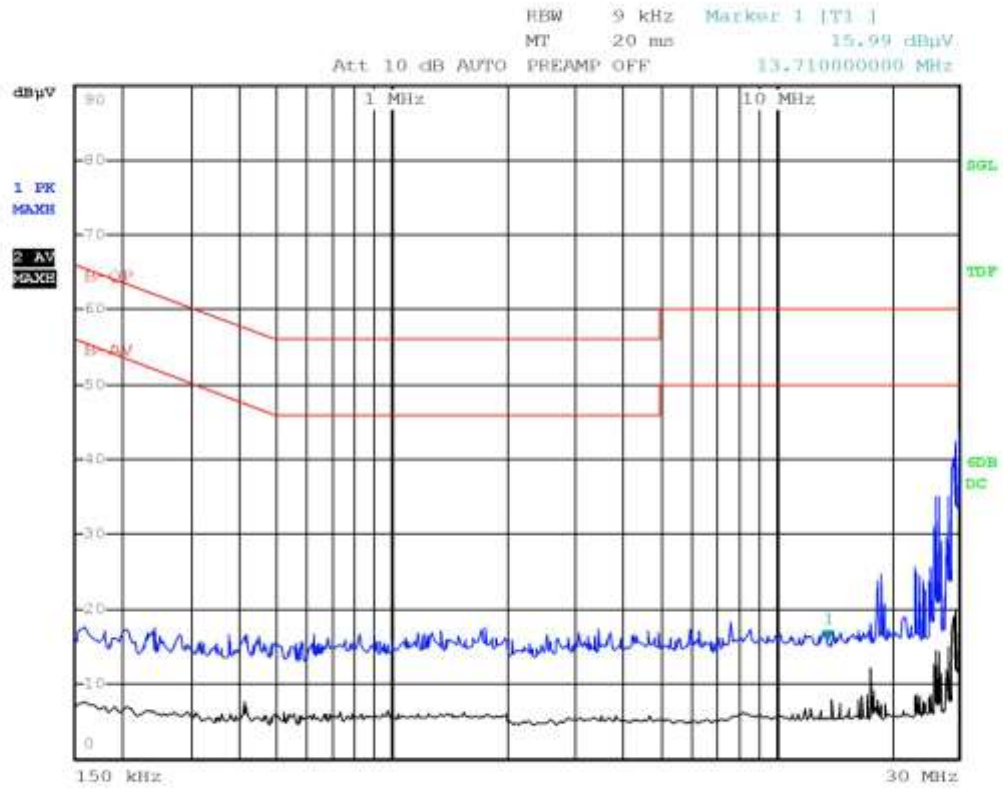
### Final Measurement

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

CMC Centro Misure Compatibilità S.r.l.



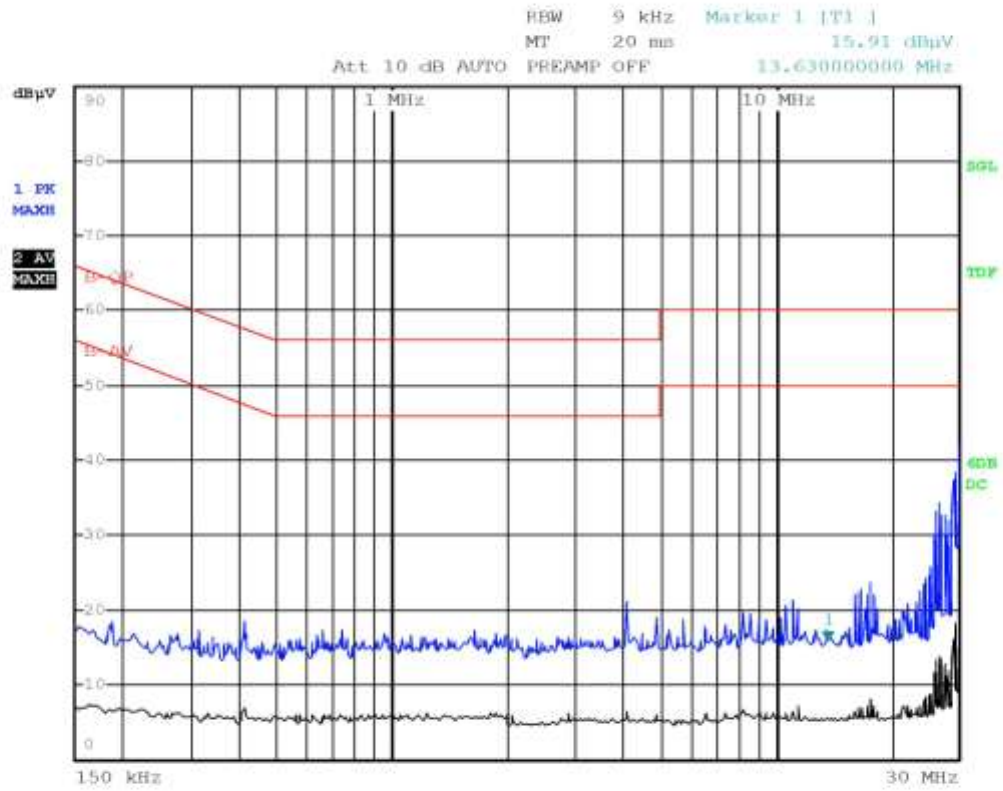
G13085212



Gandini 13085212-Line L(+)-In ricetrasmisione-ANT INT



G13085213

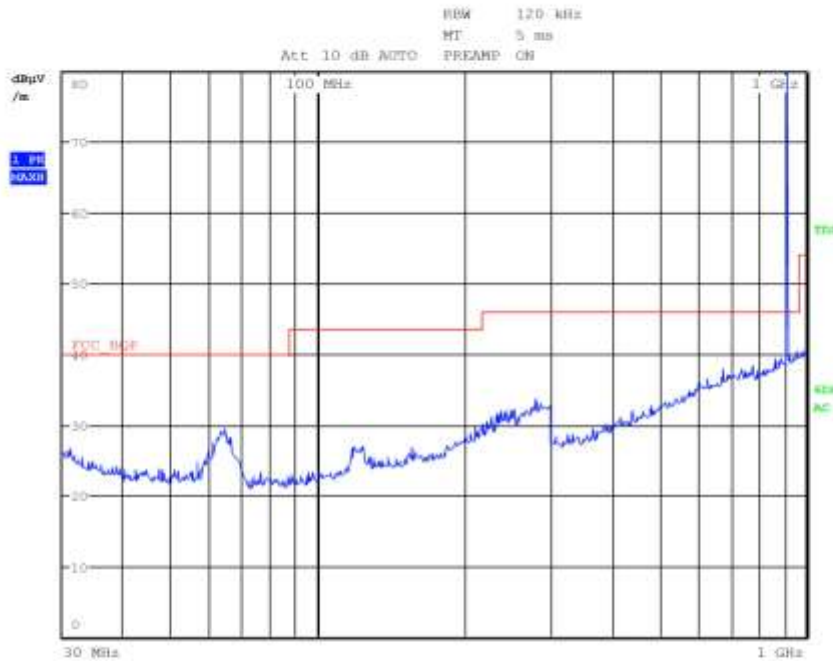


Gandini 13085213-Line N(-)-In ricetrasmisione-ANT INT



G13085214

**Meas Type** Emission 30-1000MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmin-ANT. EXT.  
**Operator** Gandini 13085214  
**Test Spec**  
**Horiz**



### Final Measurement

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

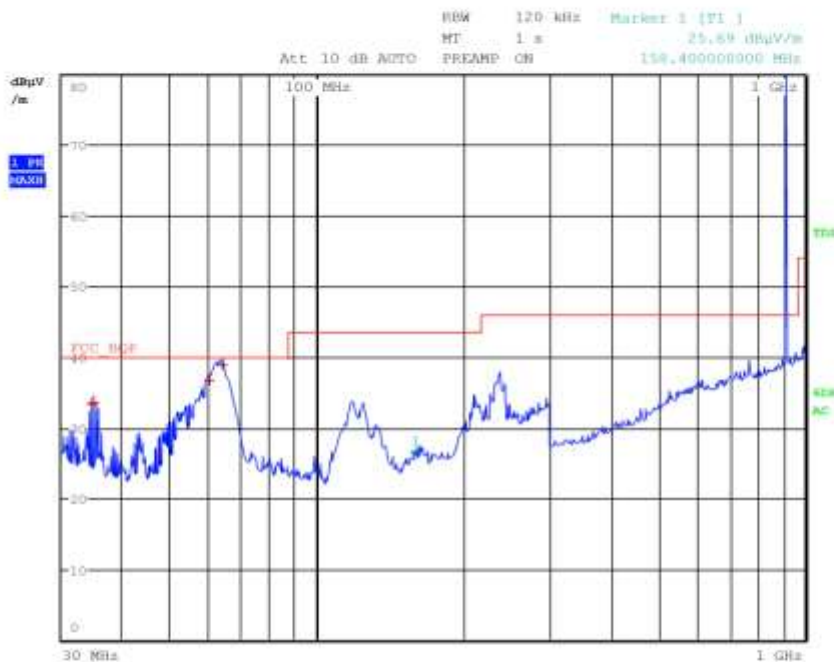
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G13085215

**Meas Type** Emission 30-1000MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmin-ANT. EXT.  
**Operator** Gandini 13085215  
**Test Spec**  
 Vert



**Final Measurement**

Meas Time: 1 s  
 Margin: 6 dB  
 Subranges: 4

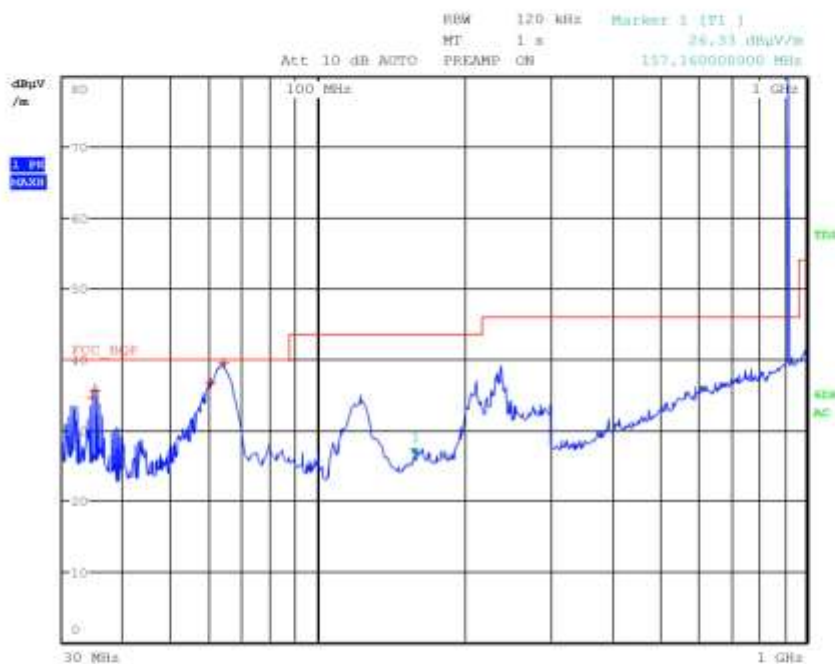
| Trace | Frequency        | Level (dBµV/m) | Detector   | Delta Limit/dB |
|-------|------------------|----------------|------------|----------------|
| 1     | 34.480000000 MHz | 33.34          | Quasi Peak | -6.66          |
| 1     | 34.880000000 MHz | 33.56          | Quasi Peak | -6.44          |
| 1     | 60.320000000 MHz | 36.73          | Quasi Peak | -3.27          |
| 1     | 64.040000000 MHz | 38.85          | Quasi Peak | -1.15          |

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G13085216

**Meas Type** Emission 30-1000MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmed-ANT. EXT.  
**Operator** Gandini 13085216  
**Test Spec**  
 Vert



**Final Measurement**

Meas Time: 1 s  
 Margin: 6 dB  
 Subranges: 4

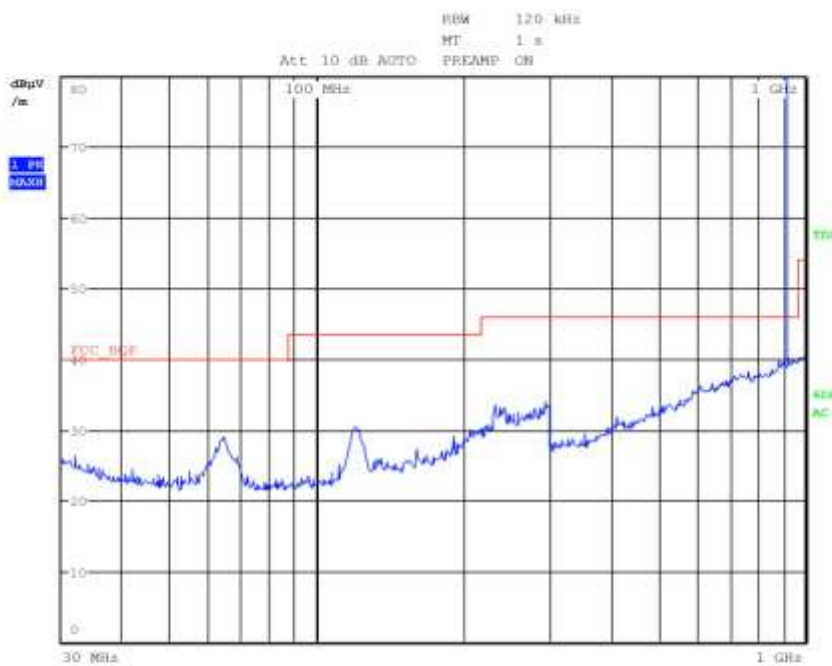
| Trace | Frequency        | Level (dBµV/m) | Detector   | Delta Limit/dB |
|-------|------------------|----------------|------------|----------------|
| 1     | 34.480000000 MHz | 34.50          | Quasi Peak | -5.50          |
| 1     | 34.880000000 MHz | 35.58          | Quasi Peak | -4.42          |
| 1     | 60.320000000 MHz | 36.51          | Quasi Peak | -3.49          |
| 1     | 64.000000000 MHz | 39.46          | Quasi Peak | -0.54          |

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G13085217

**Meas Type** Emission 30-1000MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmed-ANT. EXT.  
**Operator** Gandini 13085217  
**Test Spec**  
Horiz



### Final Measurement

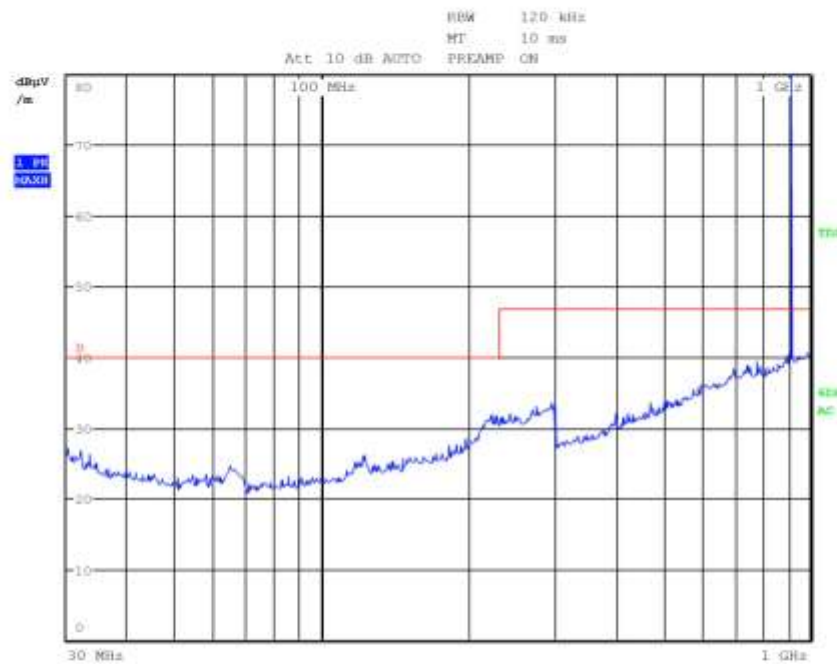
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G13085218

**Meas Type** Emission 30-1000MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmin-ANT. INT.  
**Operator** Gandini 13085218  
**Test Spec**  
**Horiz**



**Final Measurement**

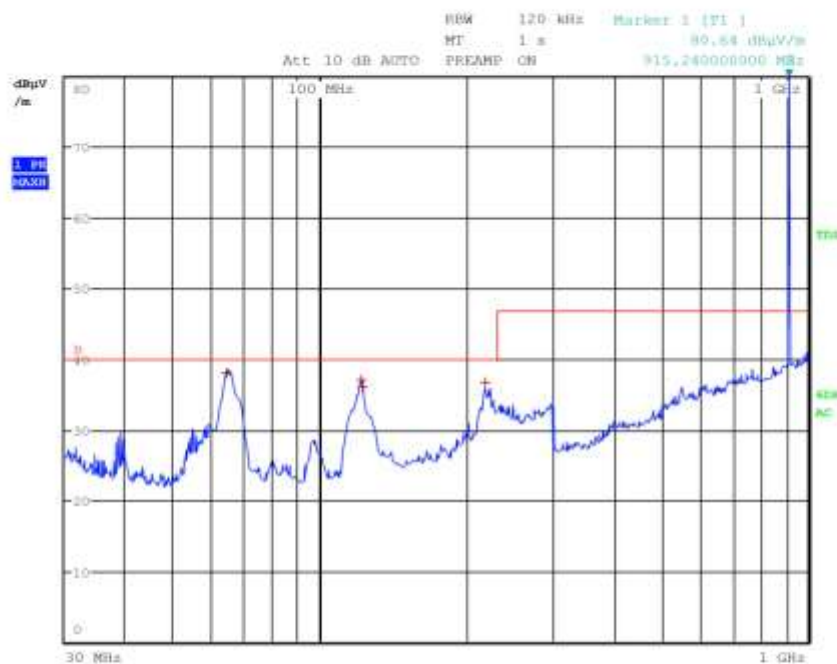
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G13085219

**Meas Type** Emission 30-1000MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmin-ANT. INT.  
**Operator** Gandini 13085219  
**Test Spec**  
 Vert



**Final Measurement**

Meas Time: 1 s  
 Margin: 6 dB  
 Subranges: 4

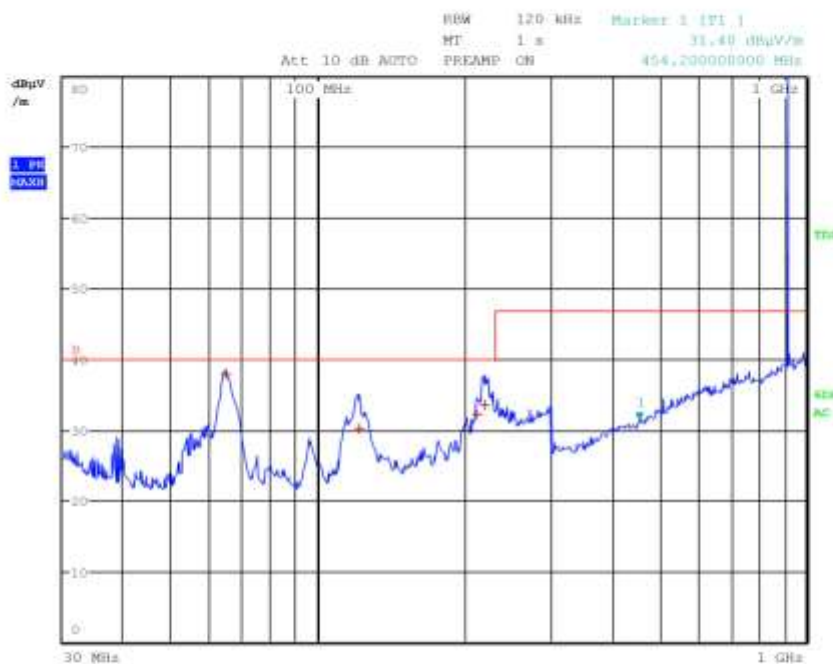
| Trace | Frequency         | Level (dBµV/m) | Detector   | Delta Limit/dB |
|-------|-------------------|----------------|------------|----------------|
| 1     | 64.440000000 MHz  | 38.00          | Quasi Peak | -2.00          |
| 1     | 121.480000000 MHz | 36.99          | Quasi Peak | -3.01          |
| 1     | 122.320000000 MHz | 36.06          | Quasi Peak | -3.94          |
| 1     | 217.920000000 MHz | 36.73          | Quasi Peak | -3.27          |

CMC Centro Misure Compatibilità S.r.l.



G13085220

**Meas Type** Emission 30-1000MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmed-ANT. INT.  
**Operator** Gandini 13085220  
**Test Spec**  
 Vert



**Final Measurement**

Meas Time: 1 s  
 Margin: 6 dB  
 Subranges: 4

| Trace | Frequency         | Level (dBµV/m) | Detector   | Delta Limit/dB |
|-------|-------------------|----------------|------------|----------------|
| 1     | 64.840000000 MHz  | 37.96          | Quasi Peak | -2.04          |
| 1     | 121.480000000 MHz | 30.16          | Quasi Peak | -9.84          |
| 1     | 212.200000000 MHz | 32.12          | Quasi Peak | -7.88          |
| 1     | 218.760000000 MHz | 33.57          | Quasi Peak | -6.43          |

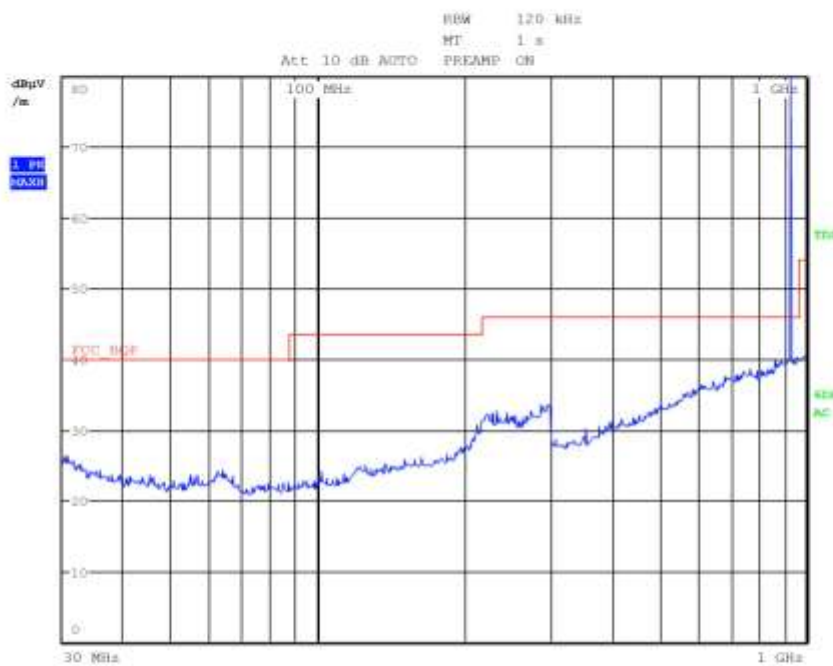
CMC Centro Misure Compatibilità S.r.l.





G13085222

**Meas Type** Emission 30-1000MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmax-ANT. INT.  
**Operator** Gandini 13085222  
**Test Spec**  
**Horiz**



**Final Measurement**

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

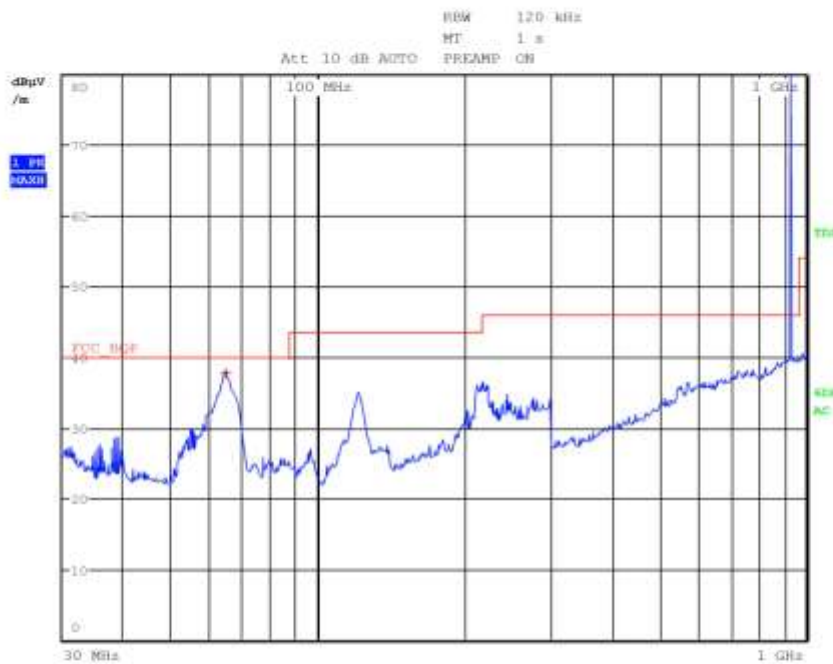
CMC Centro Misure Compatibilità S.r.l.





G13085223

**Meas Type** Emission 30-1000MHz  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmax-ANT. INT.  
**Operator** Gandini 13085223  
**Test Spec**  
 Vert



**Final Measurement**

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

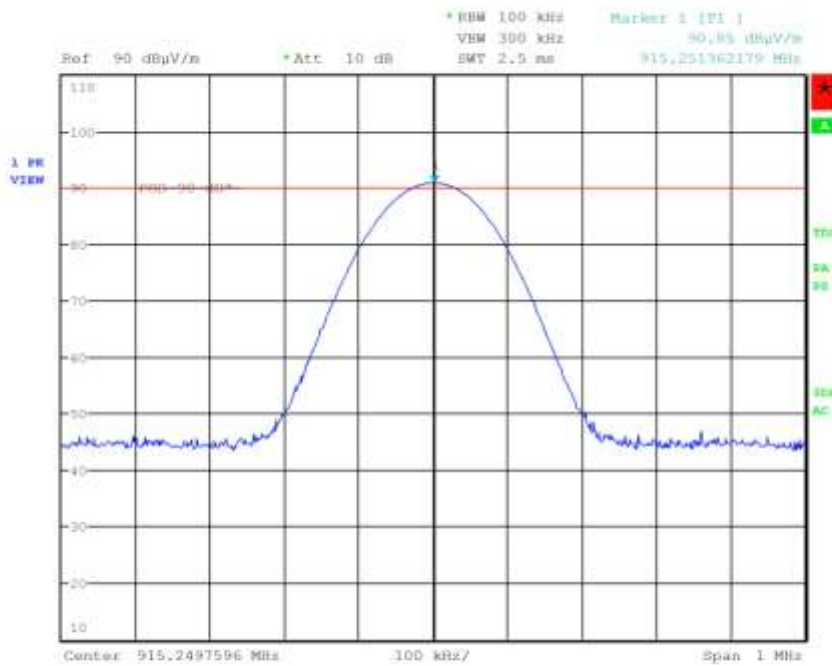
| Trace | Frequency        | Level (dBµV/m) | Detector   | Delta Limit/dB |
|-------|------------------|----------------|------------|----------------|
| 1     | 64.840000000 MHz | 37.74          | Quasi Peak | -2.26          |

CMC Centro Misure Compatibilità S.r.l.



G13085224

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmin  
**Operator** Gandini 13085224  
**Test Spec**  
Vert

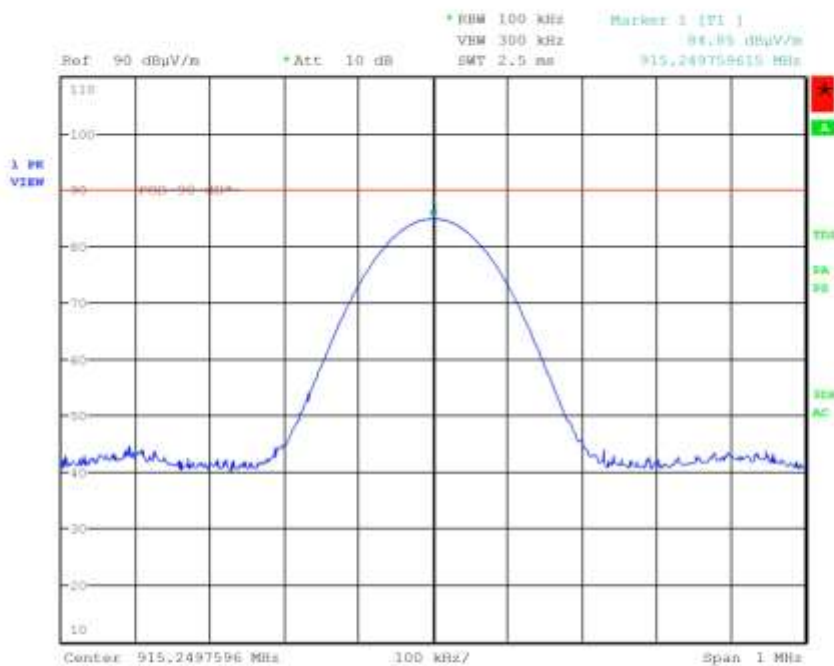


CMC Centro Misure Compatibilità S.r.l.



G13085225

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmin  
**Operator** Gandini 13085225  
**Test Spec**  
**Horiz**

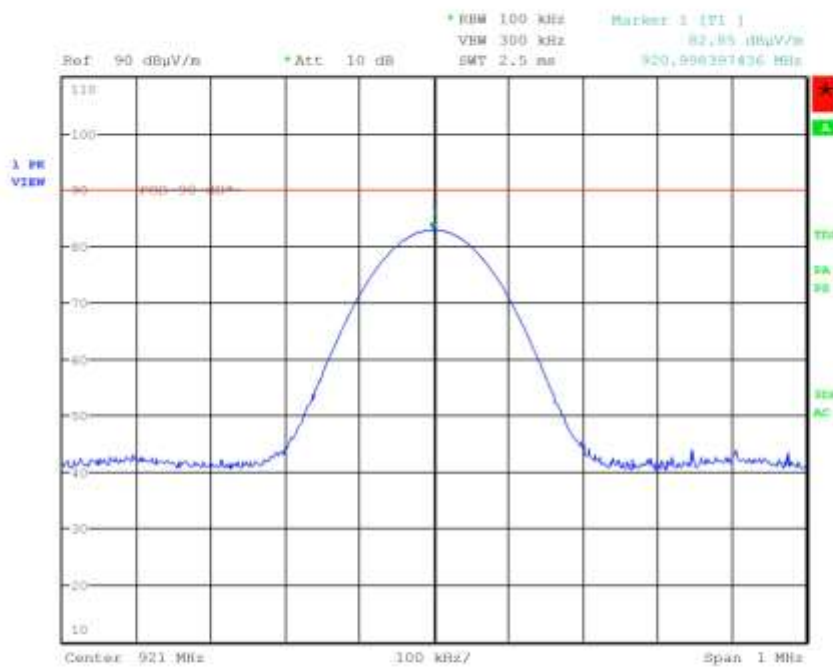


CMC Centro Misure Compatibilità S.r.l.



G13085226

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmed  
**Operator** Gandini 13085226  
**Test Spec**  
**Horiz**

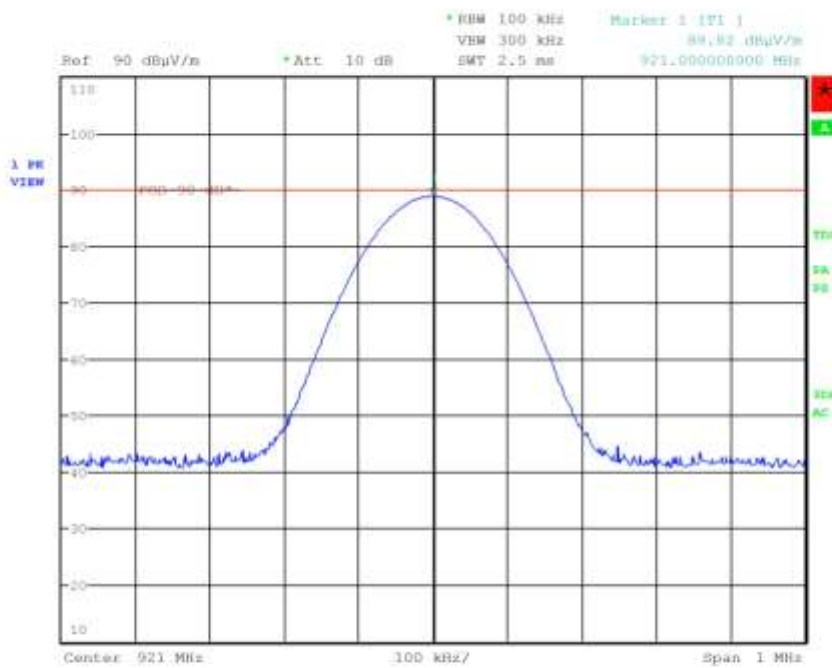


CMC Centro Misure Compatibilità S.r.l.



G13085227

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmed  
**Operator** Gandini 13085227  
**Test Spec**  
Vert

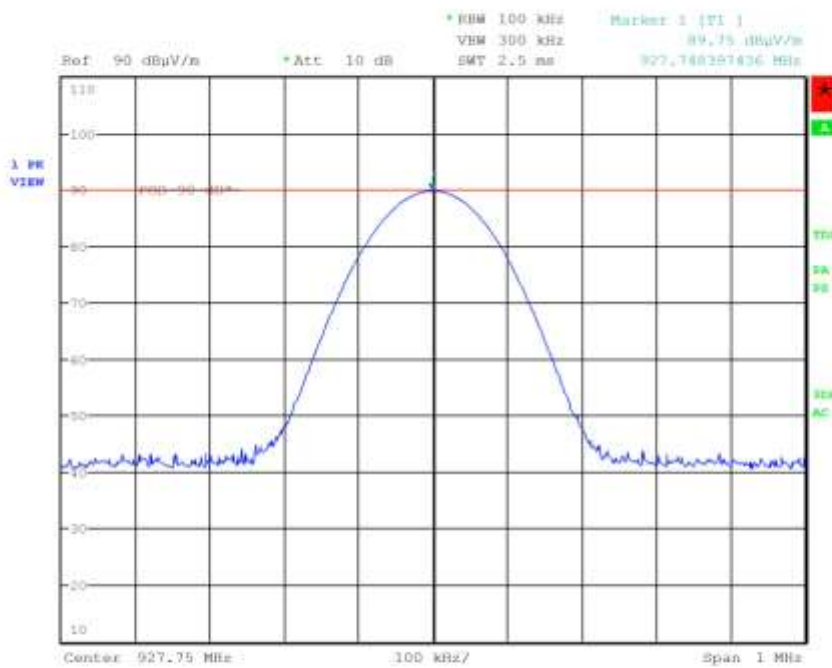


CMC Centro Misure Compatibilità S.r.l.



G13085228

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmax  
**Operator** Gandini 13085228  
**Test Spec**  
Vert

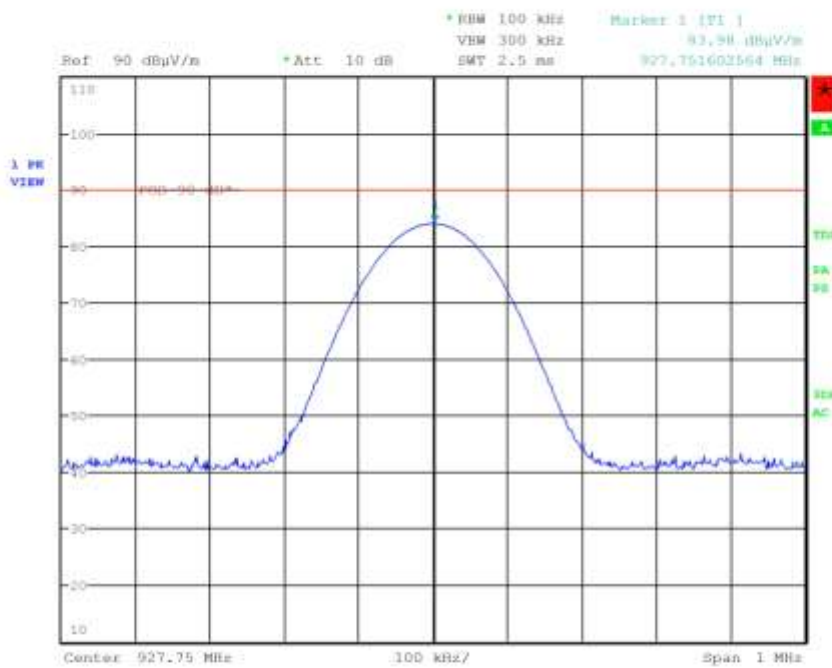


CMC Centro Misure Compatibilità S.r.l.



G13085229

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmax  
**Operator** Gandini 13085229  
**Test Spec**  
**Horiz**

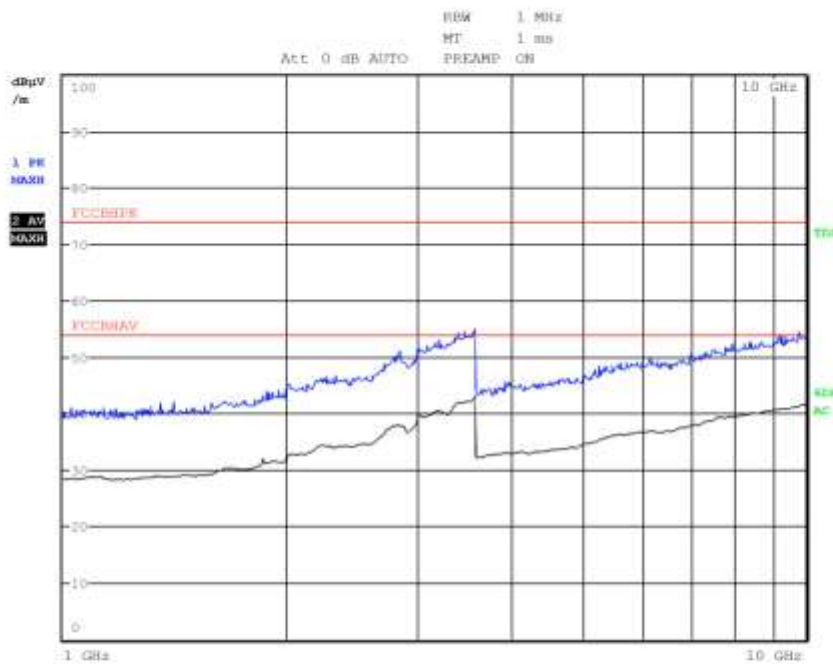


CMC Centro Misure Compatibilità S.r.l.



G13085230

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Rx-Fmax  
**Operator** Gandini 13085230  
**Test Spec**  
Horiz



**Final Measurement**

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

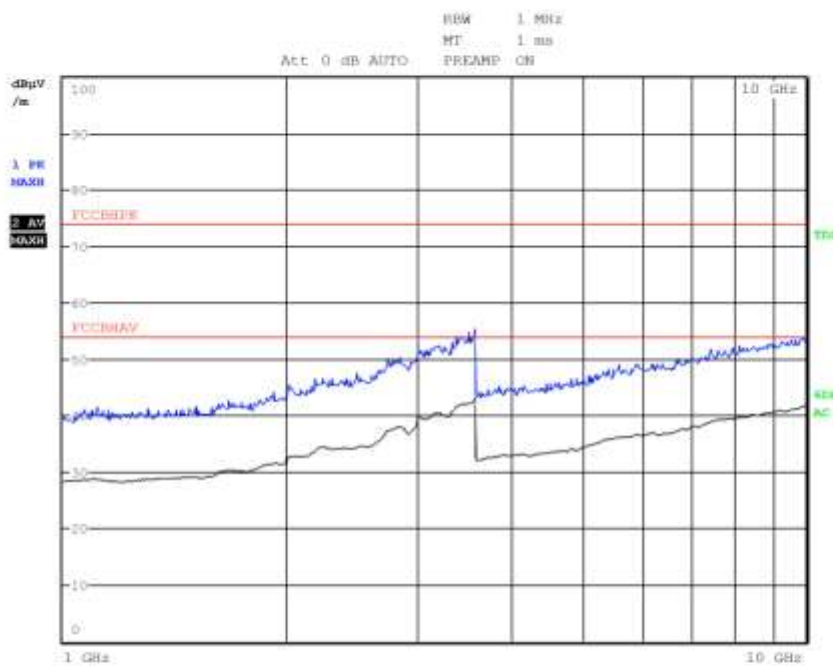
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G13085231

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Rx-Fmax  
**Operator** Gandini 13085231  
**Test Spec**  
Vert.



**Final Measurement**

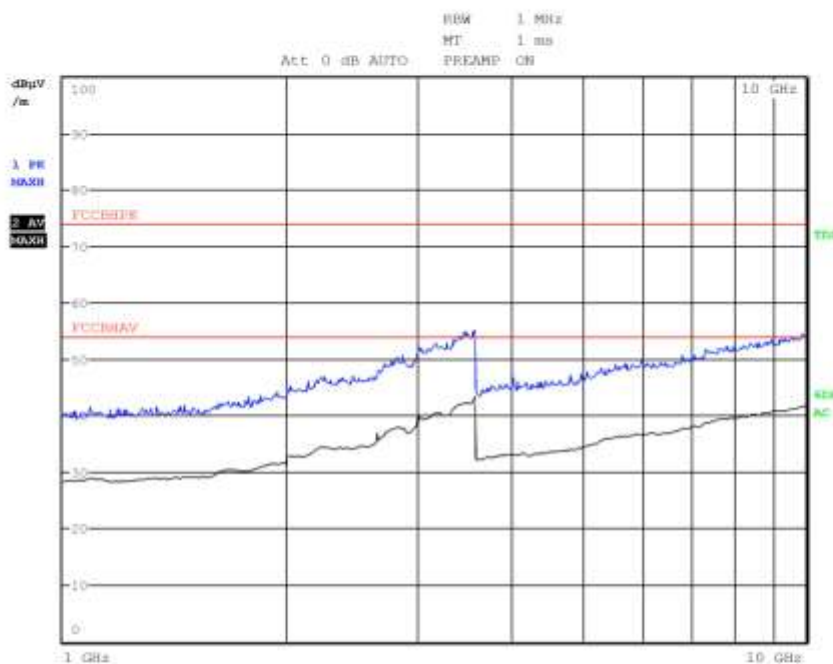
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G13085232

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Rx-Fmed  
**Operator** Gandini 13085232  
**Test Spec**  
Vert.



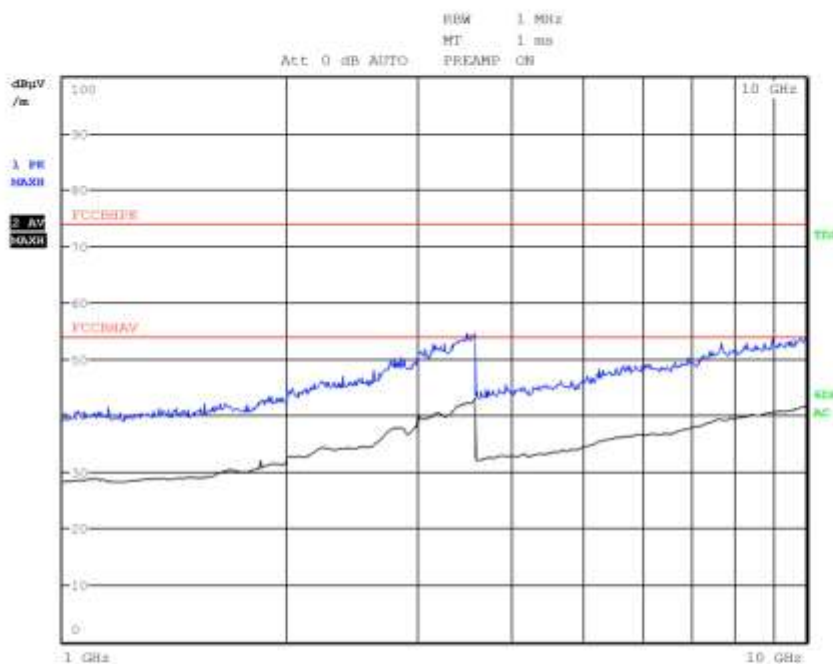
### Final Measurement

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



G13085233

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Rx-Fmed  
**Operator** Gandini 13085233  
**Test Spec**  
Horiz.



**Final Measurement**

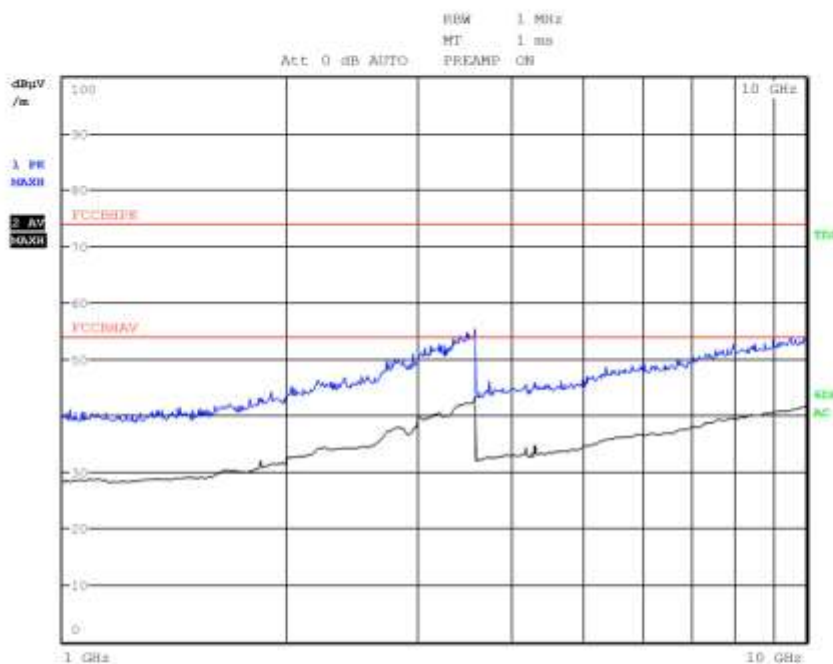
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G13085234

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Rx-Fmin  
**Operator** Gandini 13085234  
**Test Spec**  
**Horiz.**



### Final Measurement

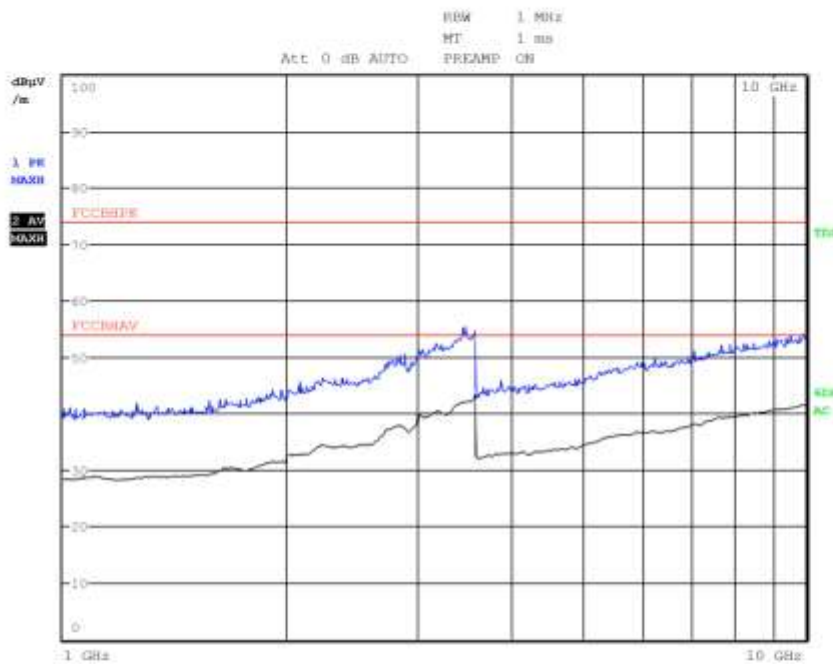
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

CMC Centro Misure Compatibilità S.r.l.



G13085235

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Rx-Fmin  
**Operator** Gandini 13085235  
**Test Spec**  
Vert.



**Final Measurement**

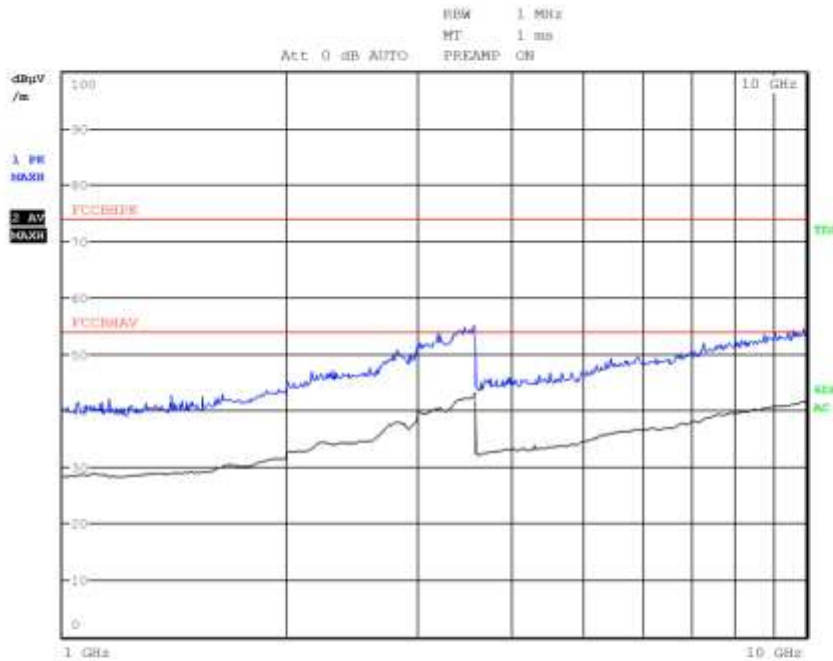
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

CMC Centro Misure Compatibilità S.r.l.



G13085236

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer** Ant ext  
**OP Condition** Rx-Fmin  
**Operator** Gandini 13085236  
**Test Spec**  
Vert.



**Final Measurement**

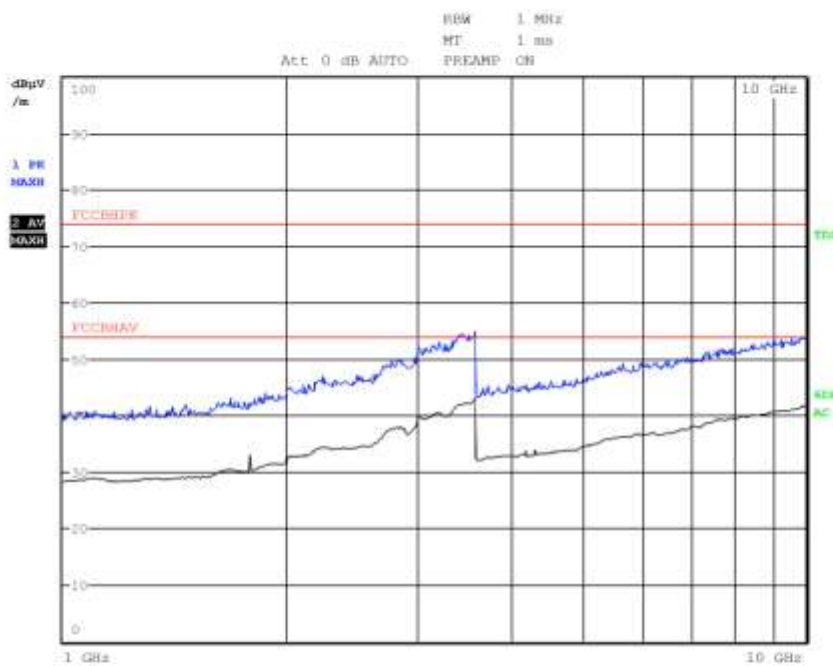
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G13085237

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer** Ant ext  
**OP Condition** Rx-Fmin  
**Operator** Gandini 13085237  
**Test Spec**  
Horiz.



### Final Measurement

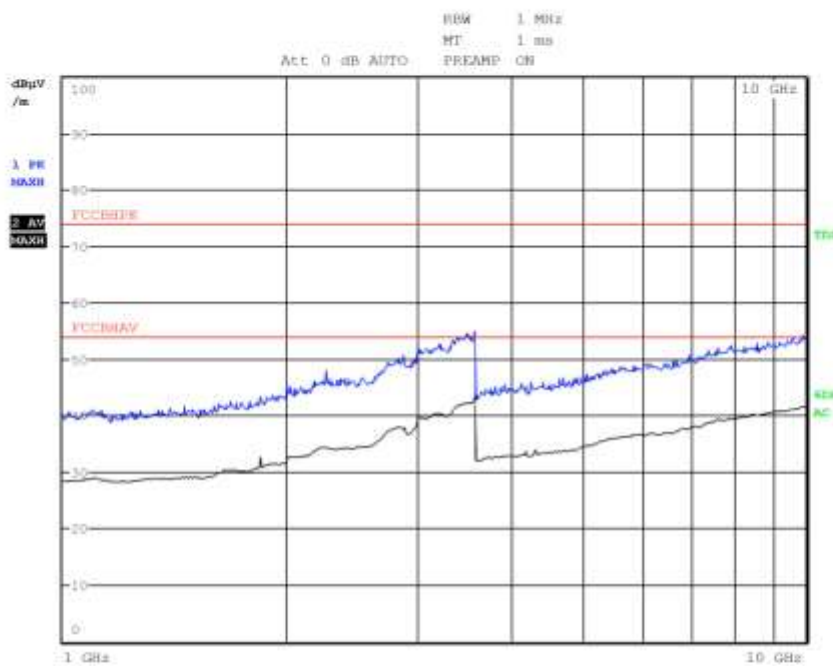
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G13085238

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer** Ant ext  
**OP Condition** Rx-Fmed  
**Operator** Gandini 13085238  
**Test Spec**  
Horiz.



### Final Measurement

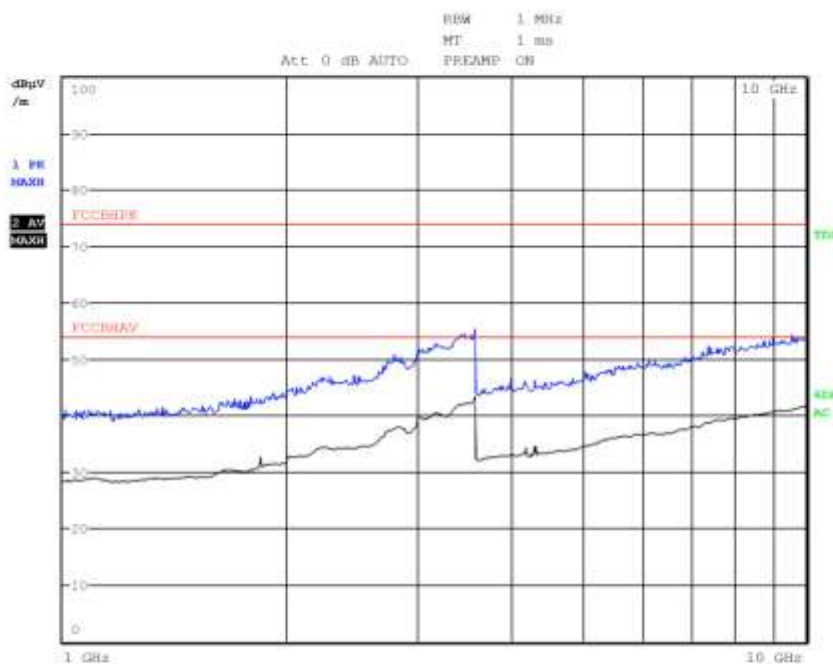
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0





G13085239

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer** Ant ext  
**OP Condition** Rx-Fmed  
**Operator** Gandini 13085239  
**Test Spec**  
Vert



**Final Measurement**

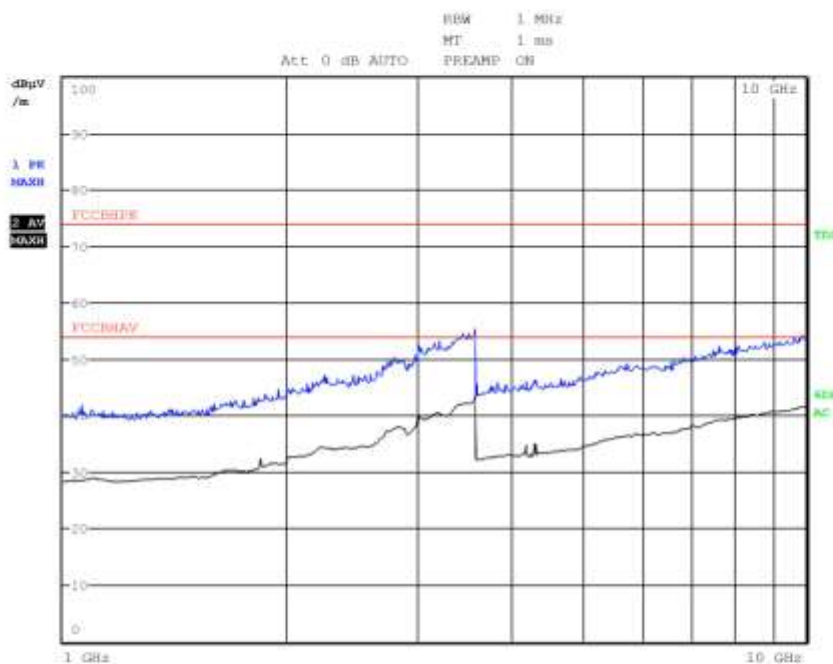
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

CMC Centro Misure Compatibilità S.r.l.



G13085240

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer** Ant ext  
**OP Condition** Rx-Fmin  
**Operator** Gandini 13085240  
**Test Spec**  
Vert



**Final Measurement**

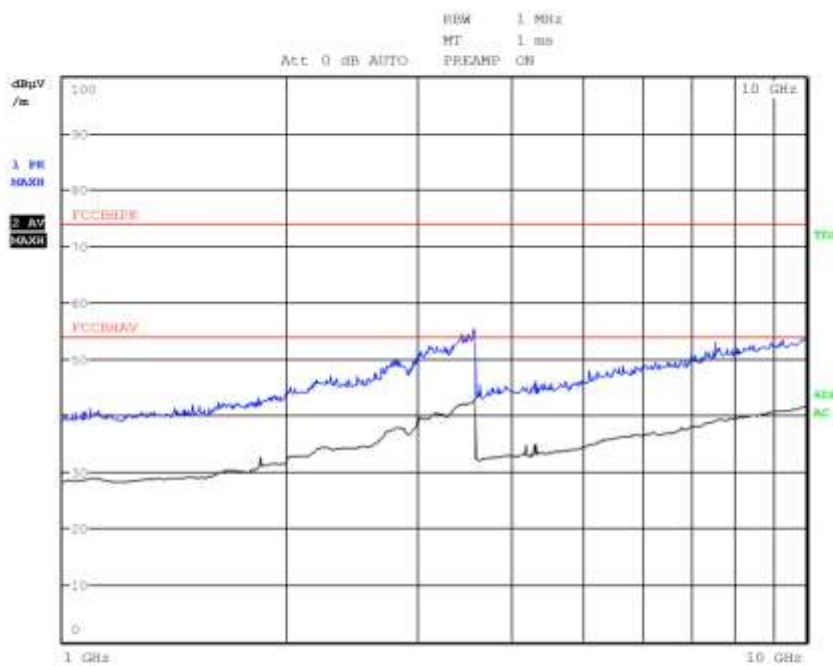
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

CMC Centro Misure Compatibilità S.r.l.



G13085241

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer** Ant ext  
**OP Condition** Rx-Fmin  
**Operator** Gandini 13085241  
**Test Spec**  
Horiz



### Final Measurement

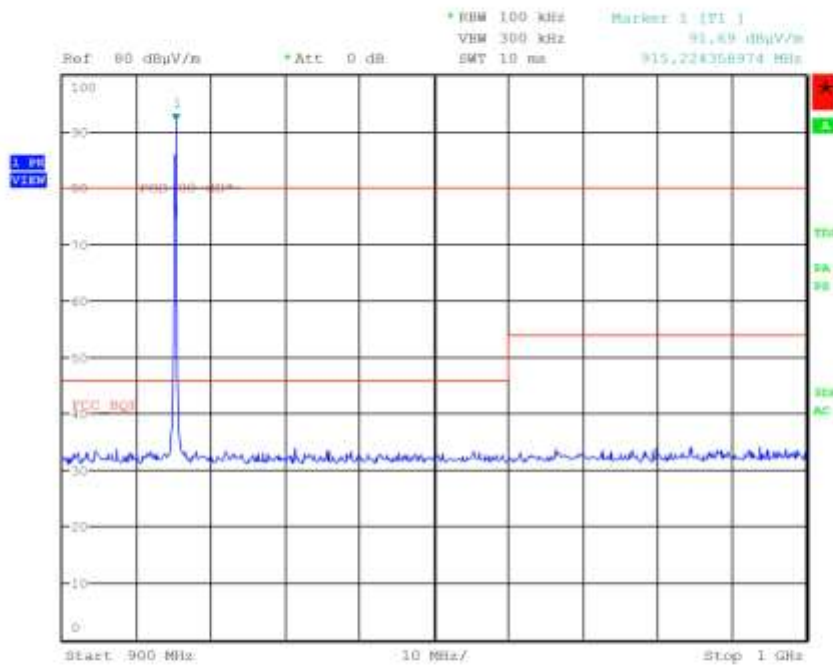
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G13085242

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmin-ANT. EXT.  
**Operator** Gandini 13085242  
**Test Spec**

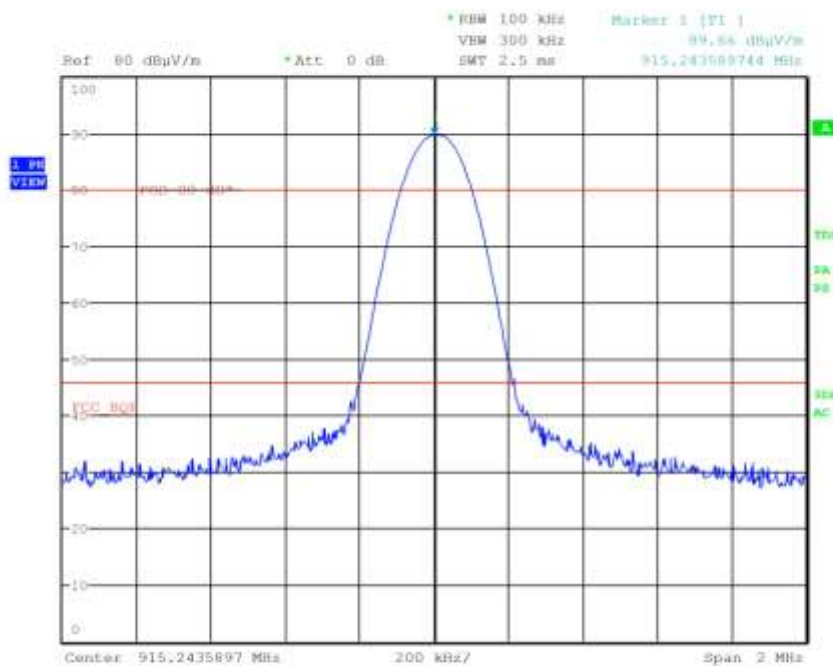


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G13085243

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmin-ANT. EXT.  
**Operator** Gandini 13085243  
**Test Spec**

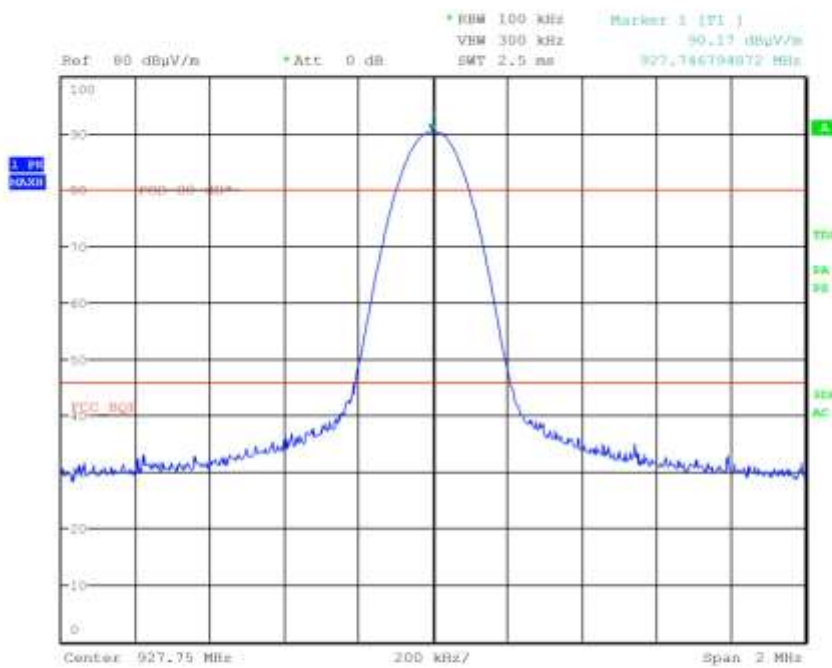


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G13085244

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmax-ANT. EXT.  
**Operator** Gandini 13085244  
**Test Spec**

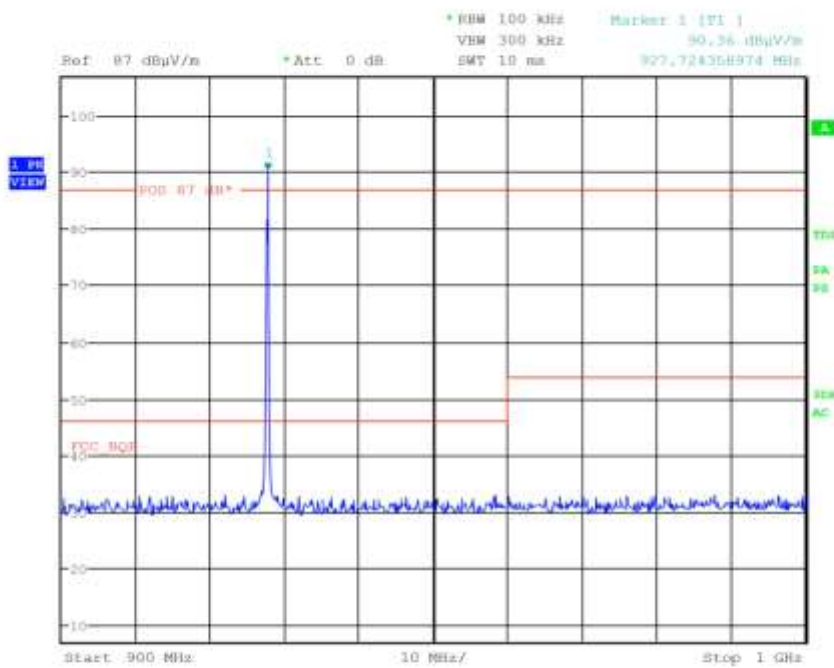


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G13085245

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmax-ANT. EXT.  
**Operator** Gandini 13085245  
**Test Spec**

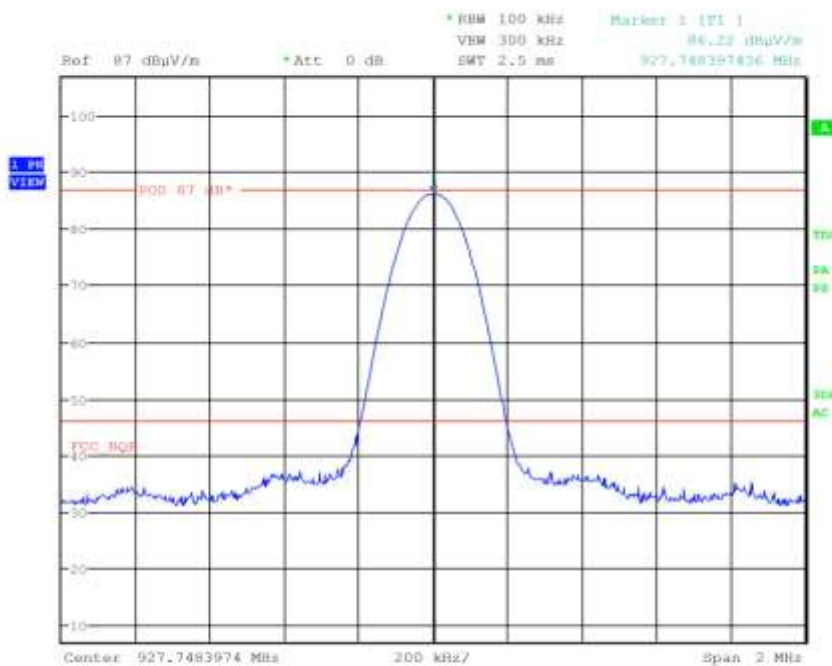


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G13085246

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmax-ANT. INT.  
**Operator** Gandini 13085246  
**Test Spec**

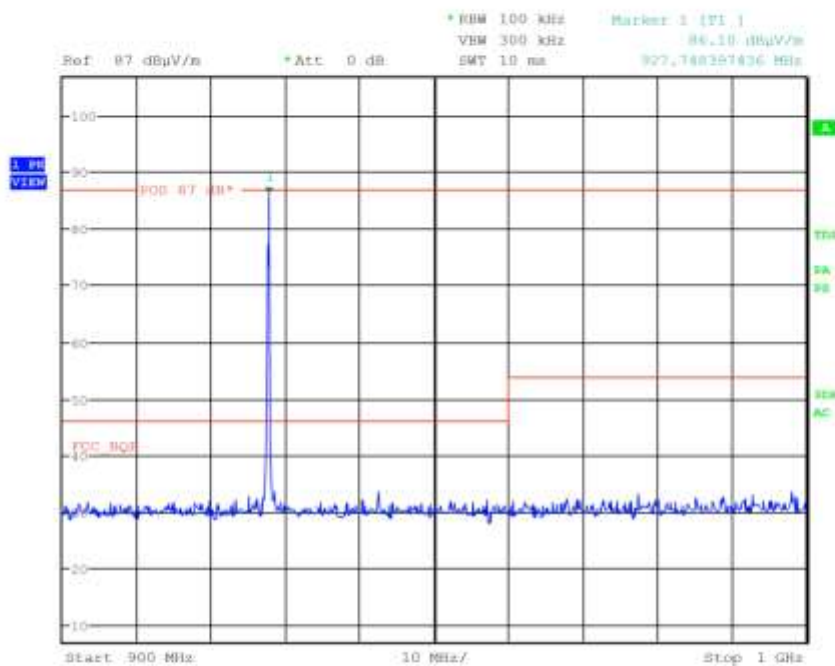






G13085247

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmax-ANT. INT.  
**Operator** Gandini 13085247  
**Test Spec**

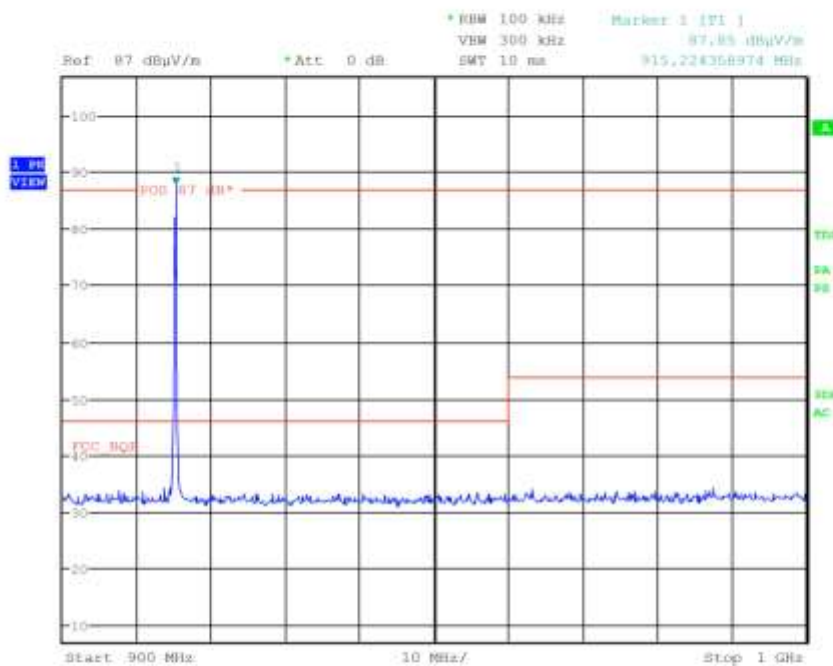


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G13085248

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fminax-ANT. INT.  
**Operator** Gandini 13085248  
**Test Spec**

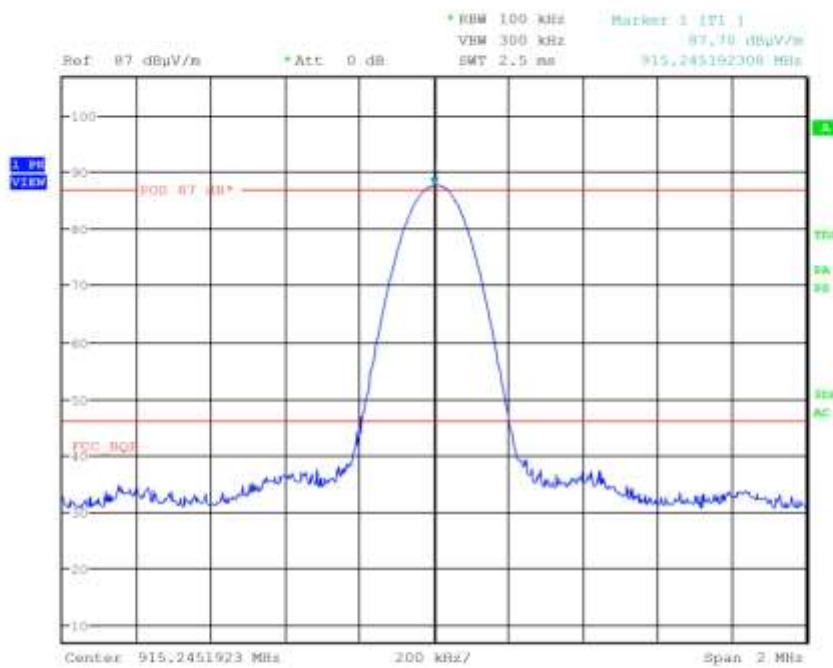


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G13085249

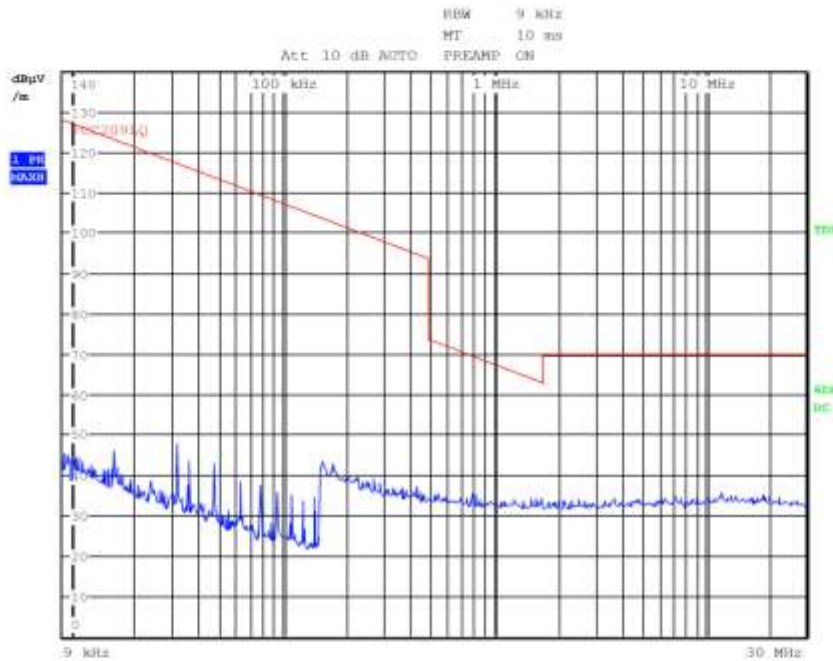
**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fminax-ANT. INT.  
**Operator** Gandini 13085249  
**Test Spec**





G13085250

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-ANT. INT.  
**Operator** Gandini 13085250  
**Test Spec**  
Loop



### Final Measurement

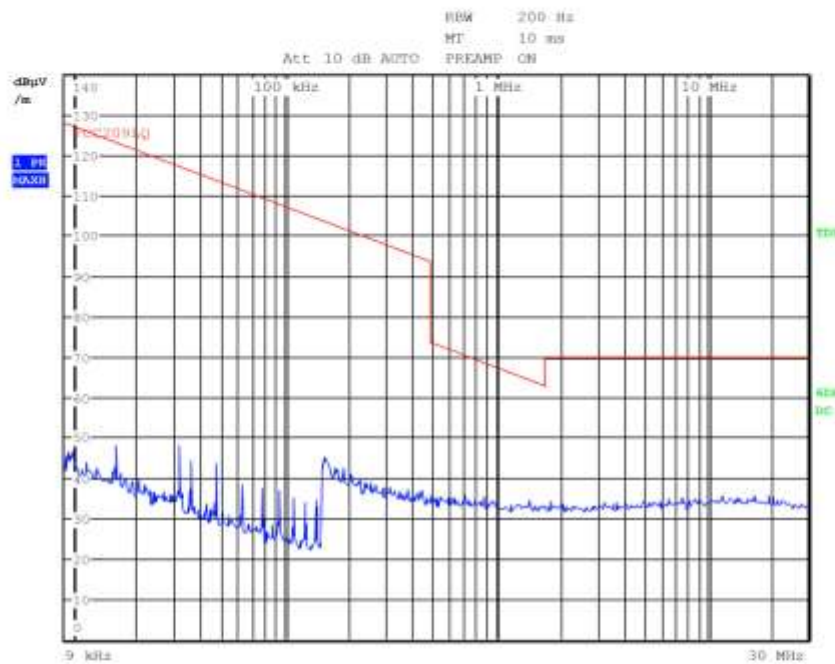
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G13085251

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-ANT. EXT.  
**Operator** Gandini 13085251  
**Test Spec**  
Loop



**Final Measurement**

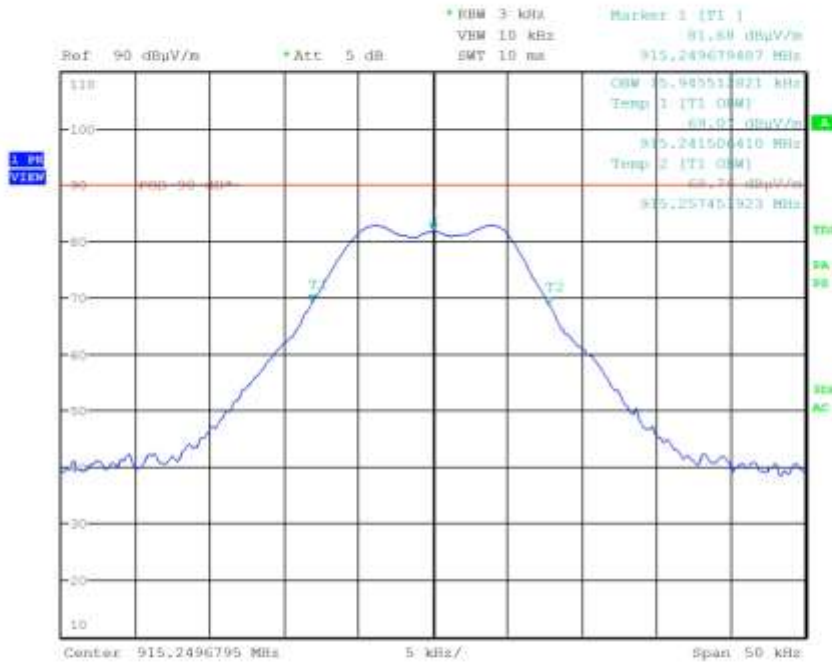
Meas Time: 1 s  
Margin: 6 dB  
Subranges: 0

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G13085252

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmin-ANT. INT.  
**Operator** Gandini 13085252  
**Test Spec**

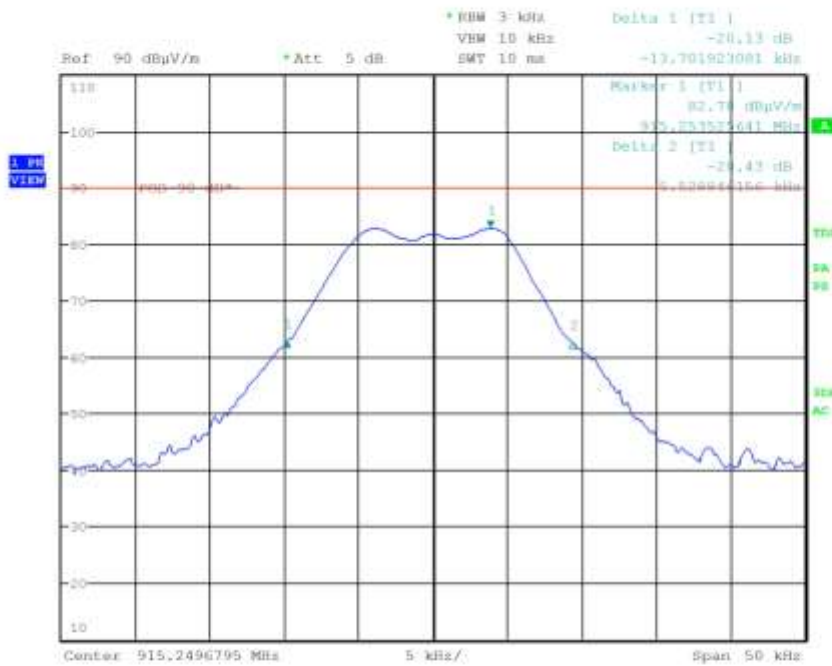


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G13085253

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmin-ANT. INT.  
**Operator** Gandini 13085253  
**Test Spec**

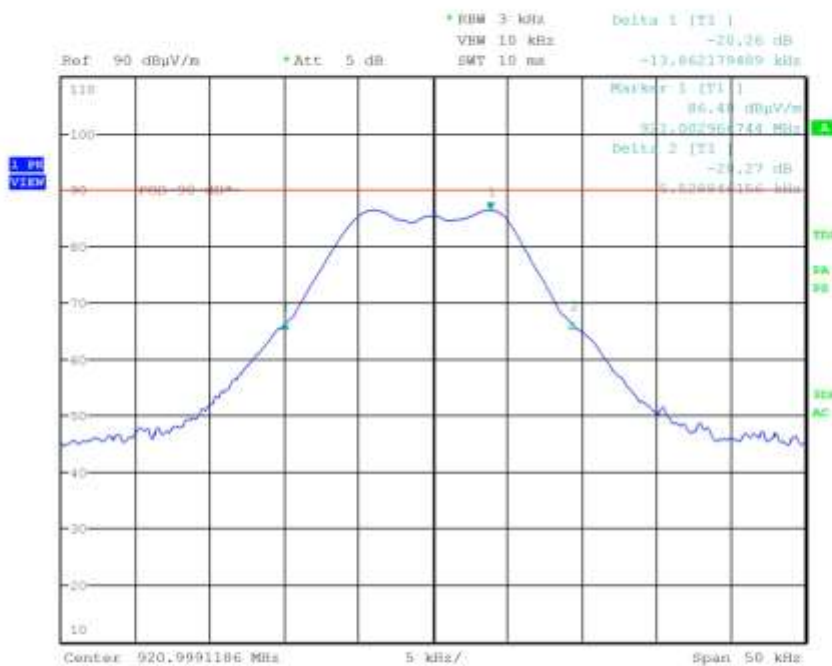


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G13085254

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmed-ANT. INT.  
**Operator** Gandini 13085254  
**Test Spec**



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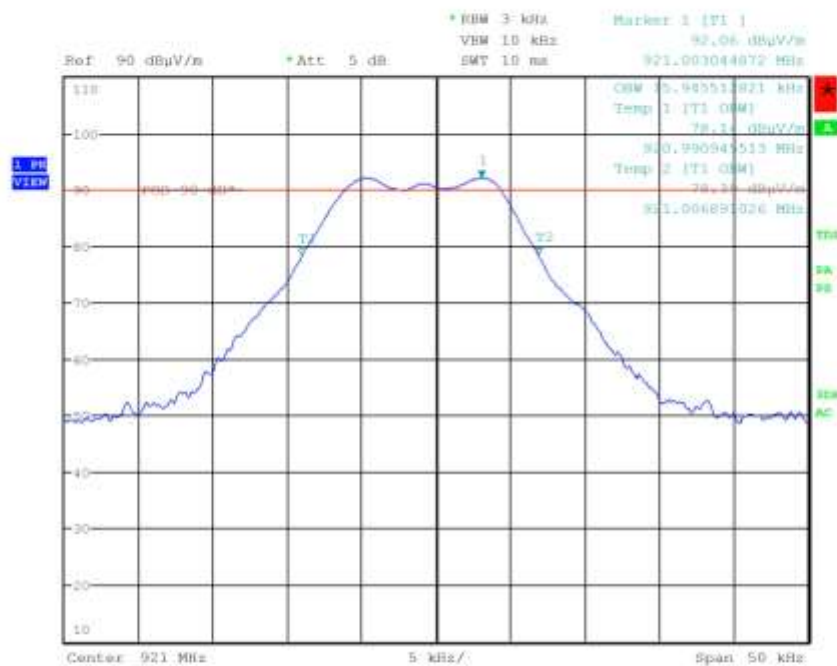






G13085260

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmed-ANT. EXT.  
**Operator** Gandini 13085260  
**Test Spec**



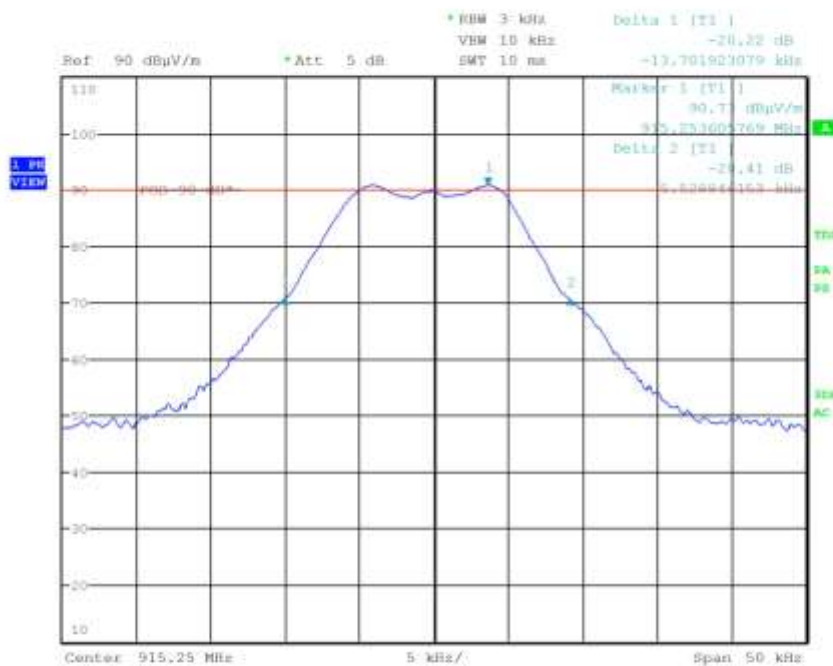
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G13085262

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmin-ANT. EXT.  
**Operator** Gandini 13085262  
**Test Spec**



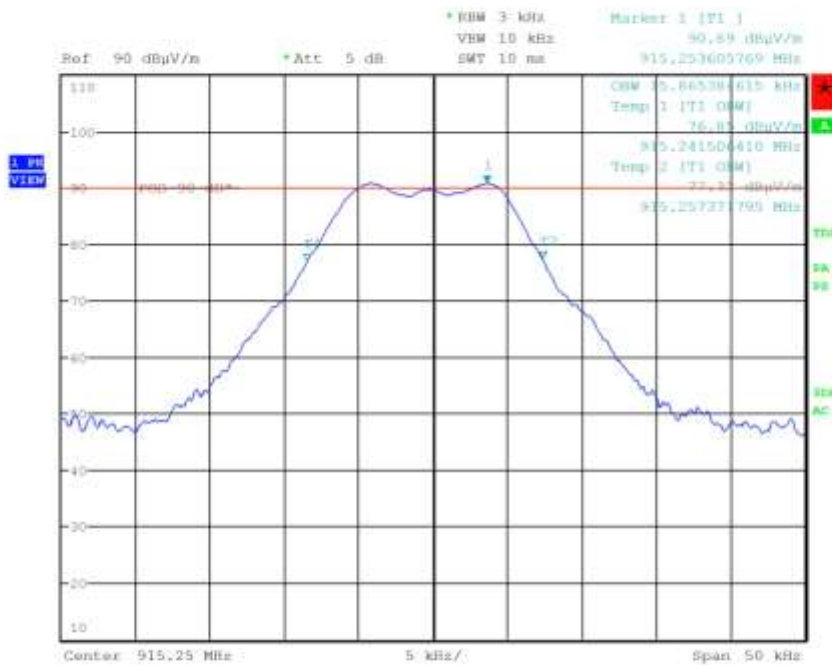
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G13085263

**Meas Type** Emission  
**Equipment under Test**  
**Manufacturer**  
**OP Condition** Tx-Fmin-ANT. EXT.  
**Operator** Gandini 13085263  
**Test Spec**



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