



TEST REPORT nr. R09043201_rev30

Federal Communication Commission (FCC)

This test report cancel and replace document nr. R09043201_rev20 date 03.06.09

Test item

Description.....: UHF RFID Controller
Trademark.....: DATALOGIC AUTOMATION
Model/Type.....: UHF-CNTL-IND-02-US

Test Specification

Standard: See inside at page 3

Client's name.....: DATALOGIC AUTOMATION S.r.l.

Address: Via S. Vitalino 13 - 40012 Lippo di Calderara di Reno (BO) - ITALY

Manufacturer's name.: Same ad client

Address:

Report

Tested by.....: A. Bertezolo - *Technician*

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

Date of issue.....: 05.06.09

Contents: 56 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.



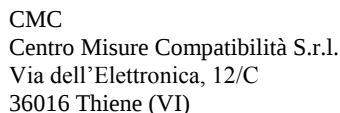
Index

1. SUMMARY	3
2. DESCRIPTION OF EQUIPMENT UNDER TEST (EUT)	4
2.1 TEST SITE	4
3. TESTING AND SAMPLING	4
4. OPERATIVE CONDITIONS.....	4
5. PHOTOGRAPH(S) OF EUT	5
6. EQUIPMENT LIST	6
7. MEASUREMENT UNCERTAINTY	7
8. REFERENCE DOCUMENTS	8
9. DEVIATION FROM TEST SPECIFICATION	9
10. TEST CASE VERDICTS.....	9
11. RESULTS.....	9
11.1 BANDWIDTH	10
11.2 CHANNEL SEPARATION.....	11
11.3 AVERAGE TIME OF OCCUPANCY.....	12
11.4 NUMBER OF HOPPING CHANNELS.....	13
11.5 PEAK OUTPUT POWER	14
11.6 BAND EDGE.....	15
11.7 CONDUCTED SPURIOUS.....	16
11.8 RADIATED SPURIOUS.....	17
11.9 EMISSION OF MAINS TERMINAL DISTURBANCE VOLTAGE (CONTINUOUS DISTURBANCE).....	19
11.10 MAXIMUM PERMISSIBLE EXPOSURE	20
12. GRAPHS AND TABLES.....	21



1. Summary			
Emission: FCC Rules & Regulations, Title 47			
Test specifications	Environmental Phenomena	Tests sequence	Result
Part 15.247(a)	Bandwidth	1	Complies
Part 15.247(a)	Channel Separation	2	Complies
Part 15.247(a)	Time of Occupancy	3	Complies
Part 15.247(a)	Number of Hopping Frequency	4	Complies
Part 15.247(b)	Peak Output Power conducted	5	Complies
Part 15.247(c)	Band Edge	6	Complies
Part 15.247(c) Part 15.209	Radiated Spurious	7	Complies
Part 15.247(c) Part 15.209	Conducted Spurious	8	Complies
Part 15.207	Conducted Emission	9	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 certification.



Power supply.....	: 110Vac 50Hz single-phase + earth
Type of equipment	: ☒ Transmitter Unit ☒ Receiver Unit
	: ☒ Fixed station ☐ Portable station ☐ Mobile station
Receiver class	: --
Alignment range.....	: 902,75 – 927,25 MHz
Switching frequency	: 902,75 – 927,25 MHz
Number of channels	: --
Channel separation.....	: --
Modulation	: RSK-ASK 40kHz
Extreme conditions	: --
Maximum transmitter output power.....	: --
Information on antenna	: ☐ Integrated
	: ☐ Extern
	: ☒ Other: See Antenna Information document.
	: Maximum Gain (G): 10dBic = 7dBi
Remark.....	: --

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

Date of receipt of test item	: 07.04.09
Testing start date.....	: 07.04.09
Testing end date.....	: 05.05.09
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 P080308

--



5. Photograph(s) of EUT





6. Equipment list

<i>Id. number</i>	<i>Manufacturer</i>	<i>Model</i>	<i>Description</i>	<i>Serial number</i>	<i>Last calibration</i>	<i>Due date calibration</i>
CMC S001	Rohde & Schwarz	ESHS30	EMC interference receiver	862024/003	January '09	January '10
CMC S108	Emco	3115	Horn antenna	9811-5622	April '07	April '10
CMC S129	Rohde & Schwarz	ESPI7	Receiver	836.914/004	January '09	January '10
CMC S136	Schwarzbeck	VULB 9163	Broadband Antenna	9136-205	May '07	May '10
CMC S164	Rohde & Schwarz	ESU26	EMC interference receiver	100052	January '09	January '10



7. Measurement uncertainty

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

Notes

Note 1:

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

Note 2:

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



8. Reference documents

Reference no.	Description
FCC Rules and Regulation Title 47 part 15	--
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. 6.0 (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. 6.0.



11.1 Bandwidth

Test configuration and test method

Test site

Laboratory

Auxiliary equipment

See clause 4 of this test report

Environmental conditions

Temperature 22 °C

Atmospheric pressure 100 kPa

Relative humidity 45 %

Test set-up and execution

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

Channel	Frequency	Graph(s)	Bandwidth	Remark
0	902,25 MHz	G09043239	76 kHz	--
25	915,25 MHz	G09043240	68 kHz	--
49	927,25 MHz	G09043241	69 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



11.2 Channel Separation

Test configuration and test method

Test site

Auxiliary equipment

Laboratory

See clause 4 of this test report

Environmental conditions

Temperature 22 °C Atmospheric pressure 100 kPa Relative humidity 45 %

Test set-up and execution

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

Acceptance limits

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

Result

Port	Graph(s)	Channel Separation	Remark
Enclosure	G09043242	500 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 Average Time of Occupancy

Test configuration and test method

Test site

Laboratory

Auxiliary equipment

See clause 4 of this test report

Environmental conditions

Temperature 22 °C Atmospheric pressure 100 kPa Relative humidity 45 %

Test set-up and execution

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

Acceptance limits

0.4 s within 20 s period

Result

Channel	Graph(s)	Dwell time	Remark
25	G09043243	29,6 ms	--

Channel	Time between two transmission	Nr. of hopping frequency	Nr. of transmission for channel	Time of Occupancy	Remarks
25	79,6 ms	50	$20s/0,0796/50 = 5,03$	$5,03 \times 29,6 = 148,7 \text{ ms}$	--

Measurement uncertainty: $\pm 1\mu s \times \text{nr. of channels}$

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 Number of Hopping Channels

Test configuration and test method

Test site

Auxiliary equipment

Laboratory

See clause 4 of this test report

Environmental conditions

Temperature 22 °C

Atmospheric pressure 99 kPa

Relative humidity 46 %

Test set-up and execution

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

Port	Graph(s)	Number of Hopping Frequency	Remark
Enclosure	G09043244	50	--

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 Peak Output Power

Test configuration and test method

Test site Laboratory
Auxiliary equipment None

Environmental conditions

Temperature 22 °C Atmospheric pressure 99 kPa Relative humidity 46 %

Test set-up and execution

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

Acceptance limits

Frequency range	RF power output
902 – 928 MHz	1,0 W / 30dBm

Result

Channel	Graphs	Results	Remark
0	G09043246	23,61 dBm	--
25	G09043248	23,46 dBm	--
49	G09043250	23,00 dBm	--

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 Band Edge

Test configuration and test method

Test site

Laboratory

Auxiliary equipment

See clause 4 of this test report

Environmental conditions

Temperature 20 °C

Atmospheric pressure 99 kPa

Relative humidity 46 %

Test set-up and execution

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

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

Channel	Graph(s)	Attenuation Band Edge	Remark
0	G09043251	> 20dBc	Hopping disable
49	G09043252	> 20dBc	Hopping disable
0	G09043253	> 20dBc	Hopping enable
49	G09043254	> 20dBc	Hopping enable
Measurement uncertainty: ± 1 dB			

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



11.7 Conducted Spurious

Test configuration and test method

Test site Semi-anechoic chamber
Auxiliary equipment None

Environmental conditions

Temperature 20 °C Atmospheric pressure 100 kPa Relative humidity 45 %

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
- 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 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 radiated measurement. Attenuation below the general limits specified in cl. 15.209(a) is not required. In addition, radiated 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).

Result

Channel	Graph(s)	Remarks	Result
0	G09043255	--	Complies
25	G09043256	--	Complies
49	G09043257	--	Complies

Remarks

//////////

Reference documents

See clause 8 of this test report

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

CMC S164

Measurement uncertainty: See clause 7 of this test report

Result

The requirements are met



11.8 Radiated Spurious

Test configuration and test method

Test site Semi-anechoic chamber
Auxiliary equipment None

Environmental conditions

Temperature 20 °C Atmospheric pressure 100 kPa Relative humidity 45 %

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
- 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)	Remarks	Result
0	Vertical	30 – 1000	G09043233	--	Complies
0	Horizontal	30 – 1000	G09043234	--	Complies
25	Horizontal	30 – 1000	G09043234	--	Complies
25	Vertical	30 – 1000	G09043236	--	Complies
49	Vertical	30 – 1000	G09043237	--	Complies
49	Horizontal	30 – 1000	G09043238	--	Complies

Channel	Polarization	Frequency Range (MHz)	Graph(s) (peak measurements)	Remarks	Result
0	Horizontal	1000 – 2000	G09043221	--	Complies
0	Vertical	1000 – 2000	G09043222	--	Complies
25	Vertical	1000 – 2000	G09043223	--	Complies
25	Horizontal	1000 – 2000	G09043224	--	Complies
49	Horizontal	1000 – 2000	G09043225	--	Complies
49	Vertical	1000 – 2000	G09043226	--	Complies



Channel	Polarization	Frequency Range (MHz)	Graph(s) (peak measurements)	Remarks	Result
0	Horizontal	2000 – 10000	G09043227	--	Complies
0	Vertical	2000 – 10000	G09043228	--	Complies
25	Vertical	2000 – 10000	G09043229	--	Complies
25	Horizontal	2000 – 10000	G09043230	--	Complies
49	Horizontal	2000 – 10000	G09043231	--	Complies
49	Vertical	2000 – 10000	G09043232	--	Complies

Remarks

During the test, the EUT was connected with antenna mod. UHF-ANT-3030-01-91

Reference documents

See clause 8 of this test report

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

CMC S108, CMC S136, CMC S164

Measurement uncertainty: See clause 7 of this test report

Result

The requirements are met



11.9 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 100 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

Limits		
Frequency range (MHz)	<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

Line	Graphs	Remarks	Result
N	G09043206	--	Complies
L1	G09043207	--	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 S001

Measurement uncertainty: See clause 7 of this test report

Result The requirements are met



11.10 Maximum permissible Exposure

Test configuration and test method

Test site

Laboratory

Auxiliary equipment

See clause 4 of this test report

Environmental conditions

Temperature 21 °C Atmospheric pressure 100 kPa Relative humidity 45 %

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 1.1310
- 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

Acceptance limits

915/1500 mW/cm² = 0,61 mW/cm² max at 20cm of distance

Result

Power Density Limit (mW/cm ²)	Output Power (mW)	Antenna Gain (G)	Power Density at 20cm (mW/cm ²)	Remarks
0,61	229,61	7	0,32	--

Remarks

Power Density = $(P \times G) / (4\pi R^2)$

Reference documents

See clause 8 of this test report

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

CMC S129

Measurement uncertainty: See clause 7 of this test report

Result

The requirements are met



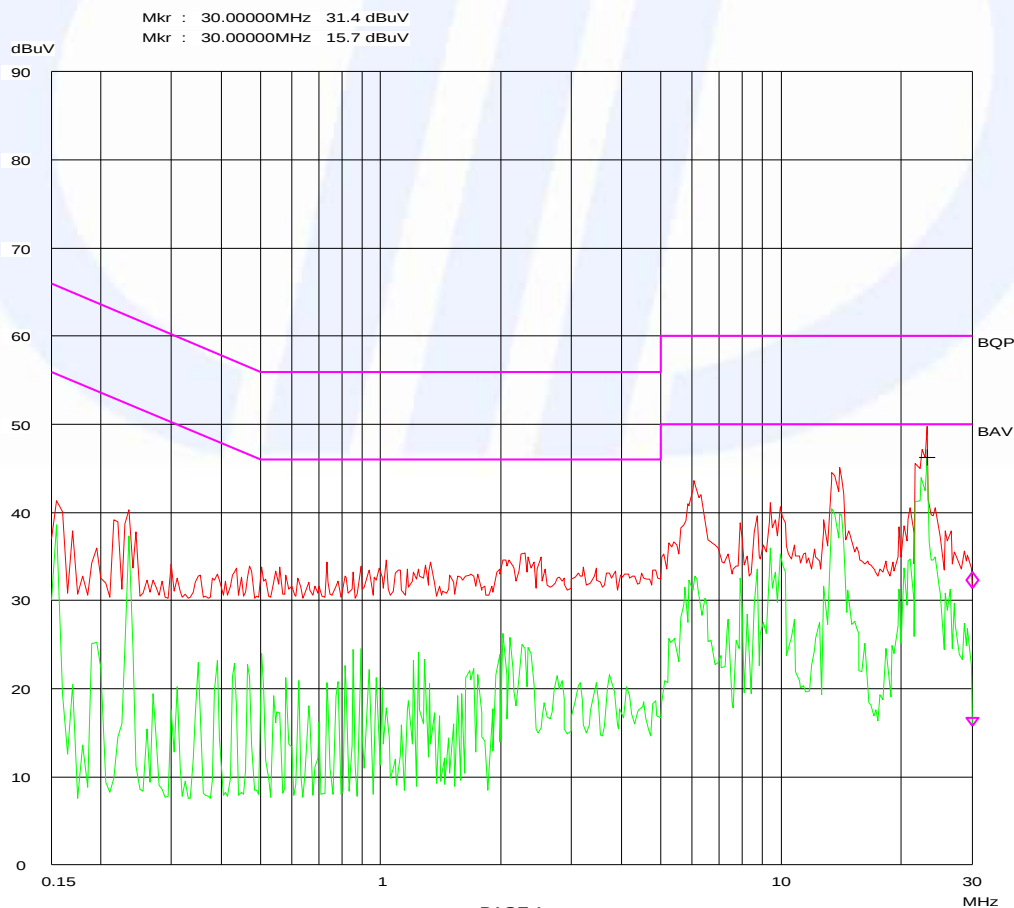
12. Graphs and Tables

G09043206

CMC Centro Misure Compatibilita Srl

Emissioni 0.15-30 MHz

Op Cond: In hopping-Max power
Operator: Bert. 09043206
Test Spec: Line N(110Vac)

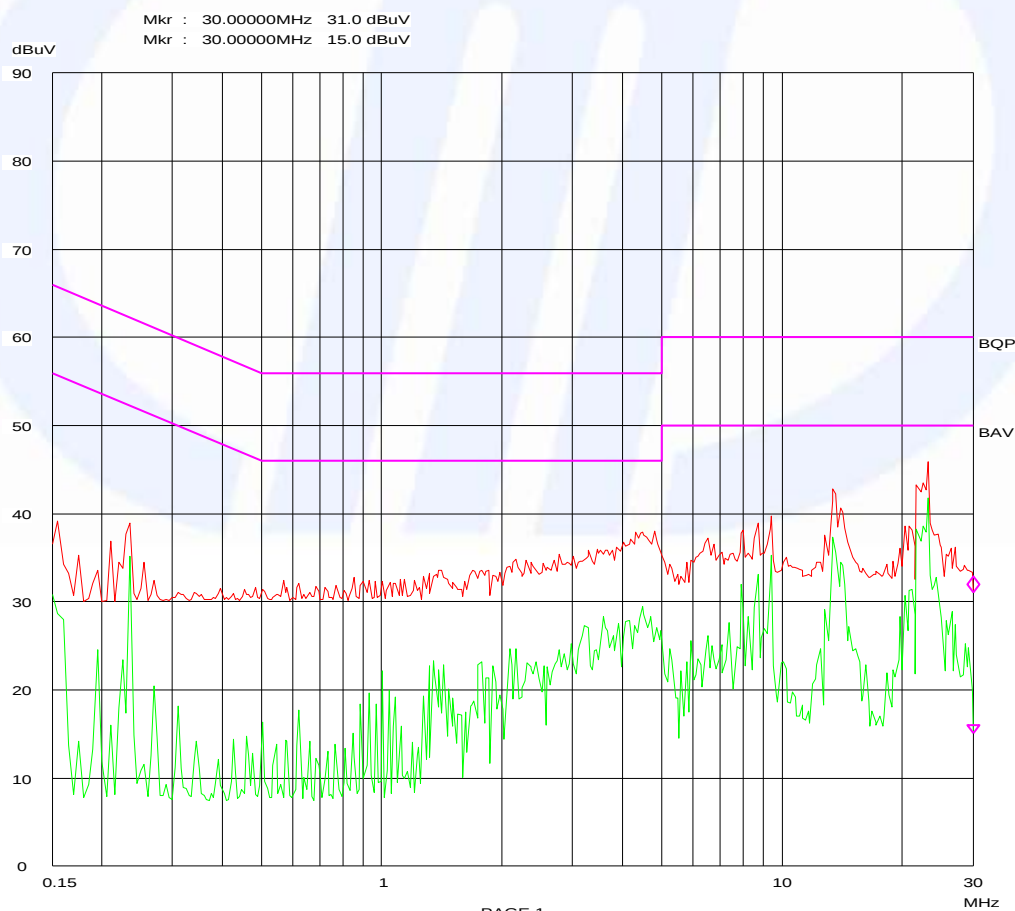




G09043207

CMC Centro Misure Compatibilita Srl
Emissioni 0.15-30 MHz

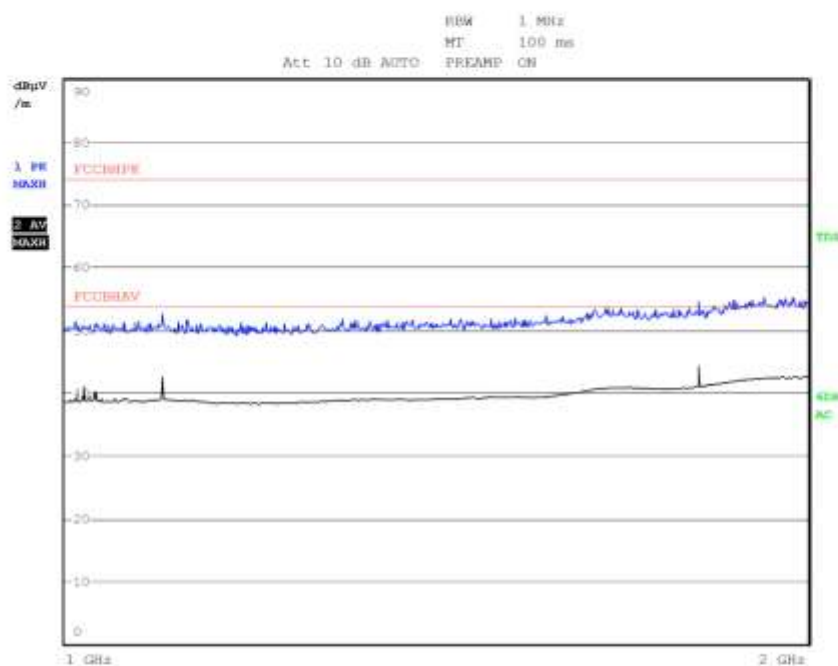
Op Cond: In hopping-Max power
Operator: Bert. 09043207
Test Spec: Line L(110Vac)





G09043221

Meas Type Emission 1000-2000MHz
Equipment under Test
Manufacturer
OP Condition CH 0
Operator Bertezolo 09043221
Test Spec
Horiz



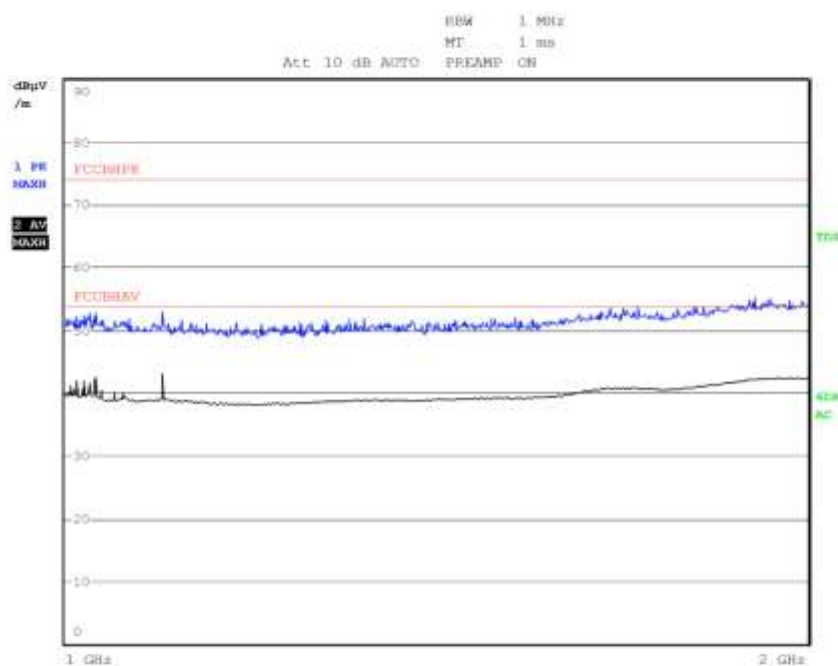
Final Measurement

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



G09043222

Meas Type Emission 1000-2000MHz
Equipment under Test
Manufacturer
OP Condition CH 0
Operator Bertezolo 09043222
Test Spec
Vert



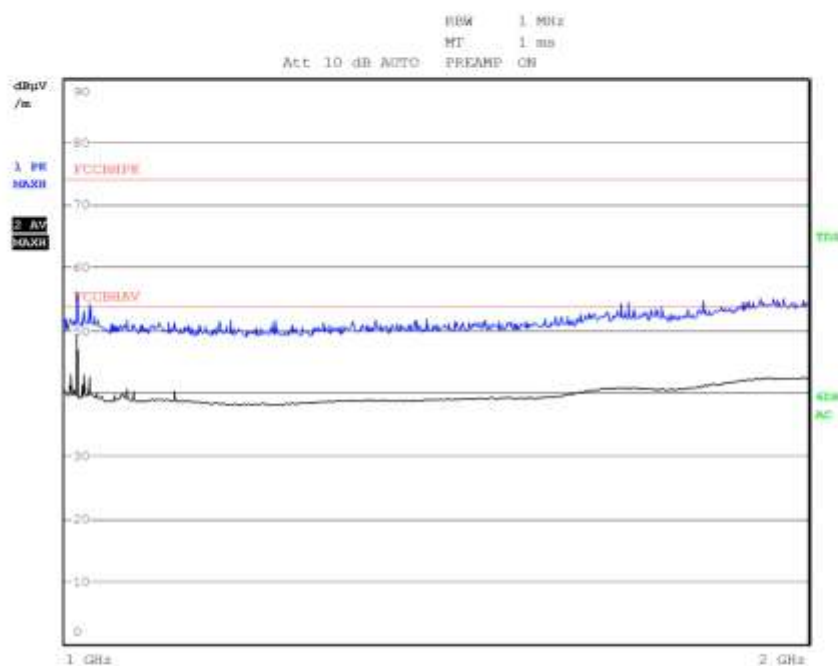
Final Measurement

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



G09043223

Meas Type Emission 1000-2000MHz
Equipment under Test
Manufacturer
OP Condition CH 25
Operator Bertezolo 09043223
Test Spec
Vert



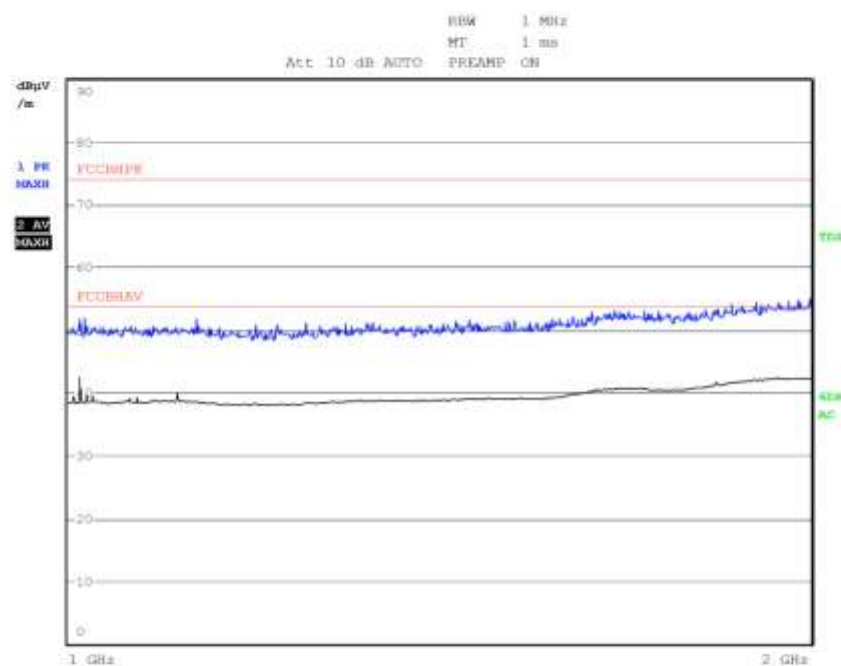
Final Measurement

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



G09043224

Meas Type Emission 1000-2000MHz
Equipment under Test
Manufacturer
OP Condition CH 25
Operator Bertezolo 09043224
Test Spec
Horiz



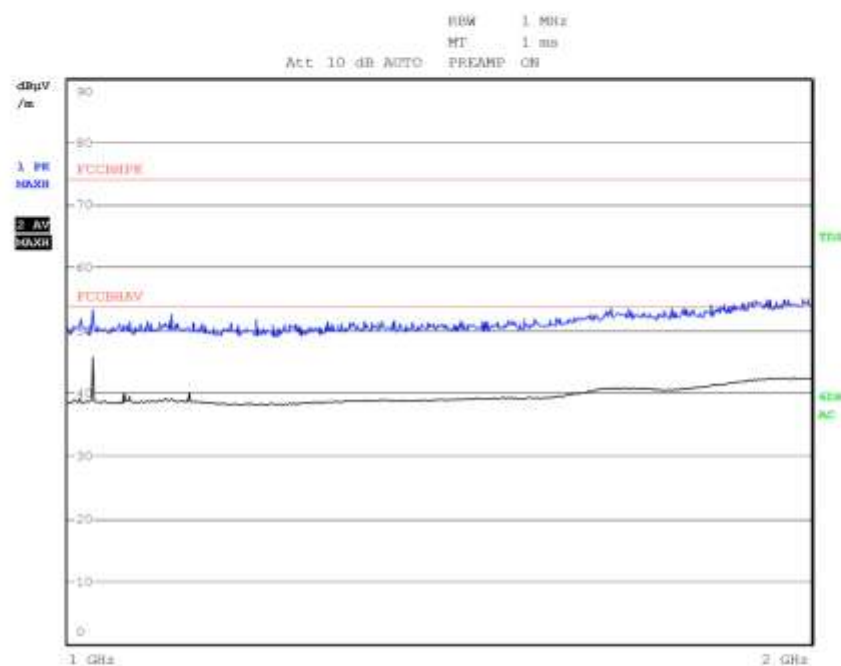
Final Measurement

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



G09043225

Meas Type Emission 1000-2000MHz
Equipment under Test
Manufacturer
OP Condition CH 49
Operator Bertezolo 09043225
Test Spec
Horiz



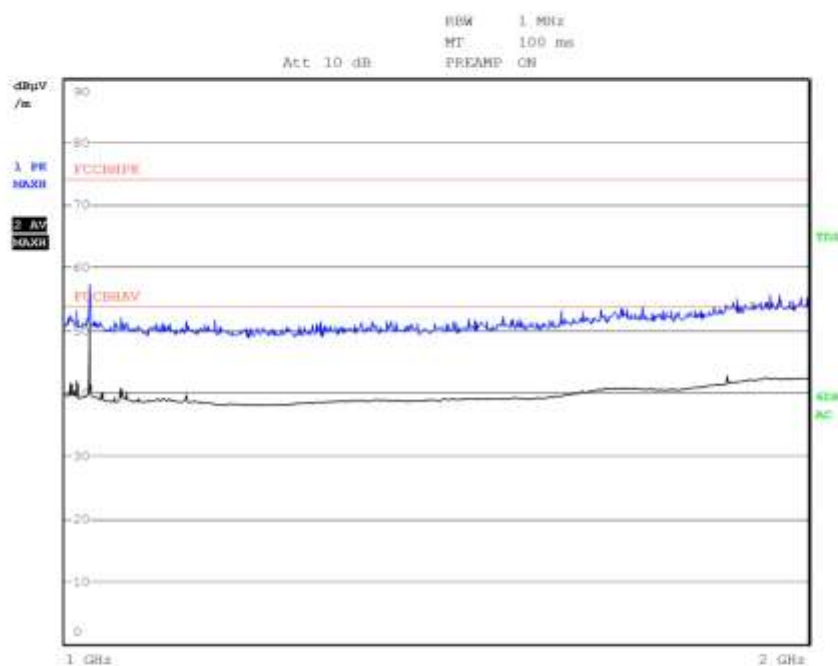
Final Measurement

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



G09043226

Meas Type Emission 1000-2000MHz
Equipment under Test
Manufacturer
OP Condition CH 49
Operator Bertezolo 09043226
Test Spec
Vert



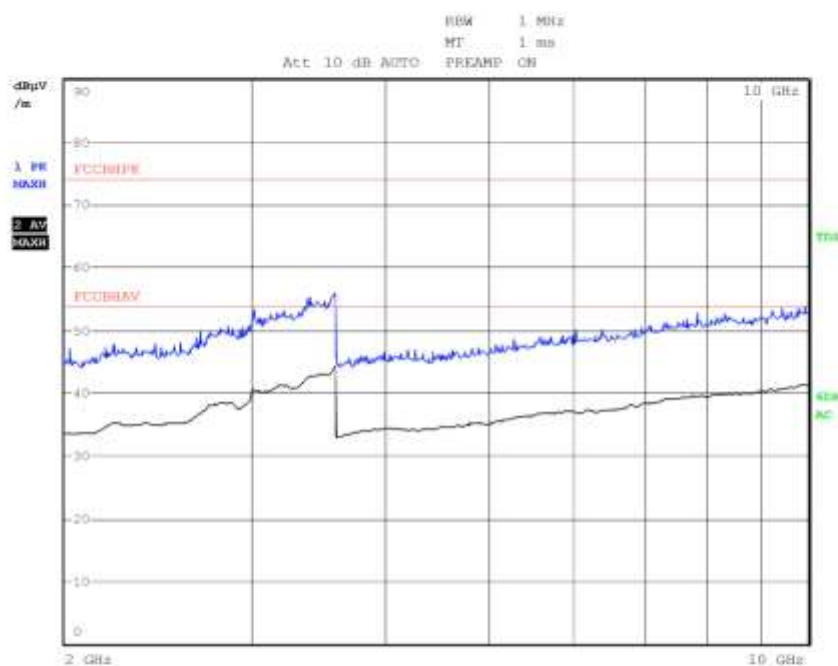
Final Measurement

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



G09043227

Meas Type Emission 2000-10000MHz
Equipment under Test
Manufacturer
OP Condition CH 0
Operator Bertezolo 09043227
Test Spec
Horiz



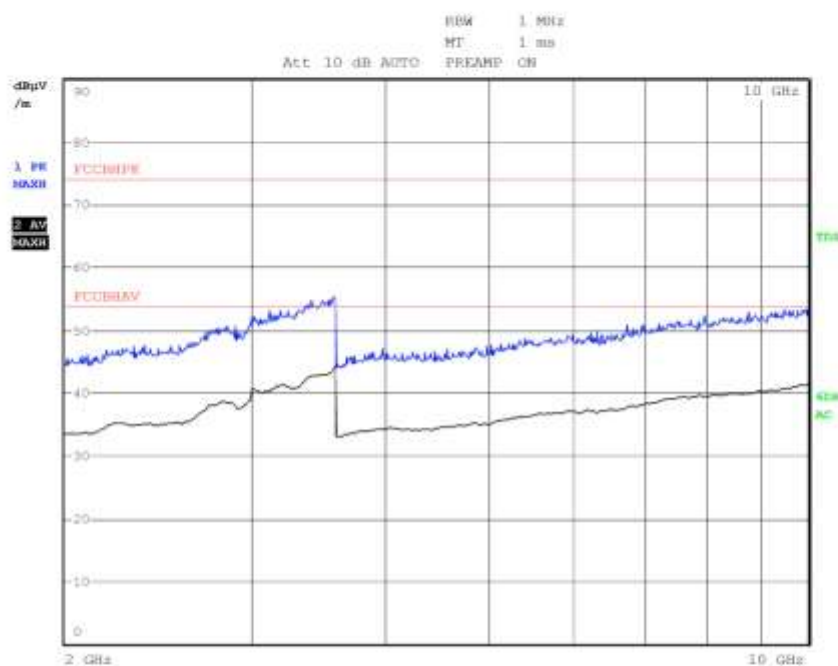
Final Measurement

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



G09043228

Meas Type Emission 2000-10000MHz
Equipment under Test
Manufacturer
OP Condition CH 0
Operator Bertezolo 09043228
Test Spec
Vert



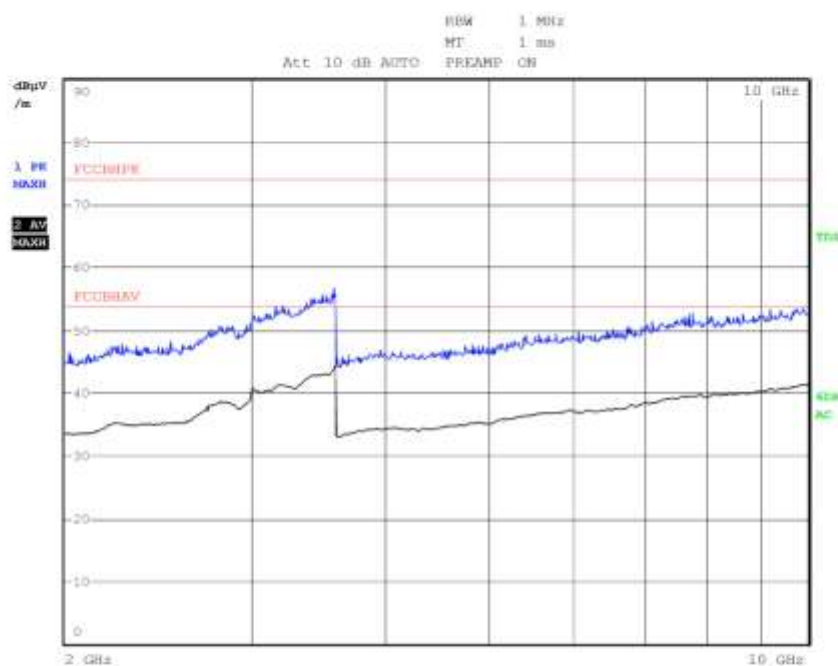
Final Measurement

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



G09043229

Meas Type Emission 2000-10000MHz
Equipment under Test
Manufacturer
OP Condition CH 25
Operator Bertezolo 09043229
Test Spec
Vert



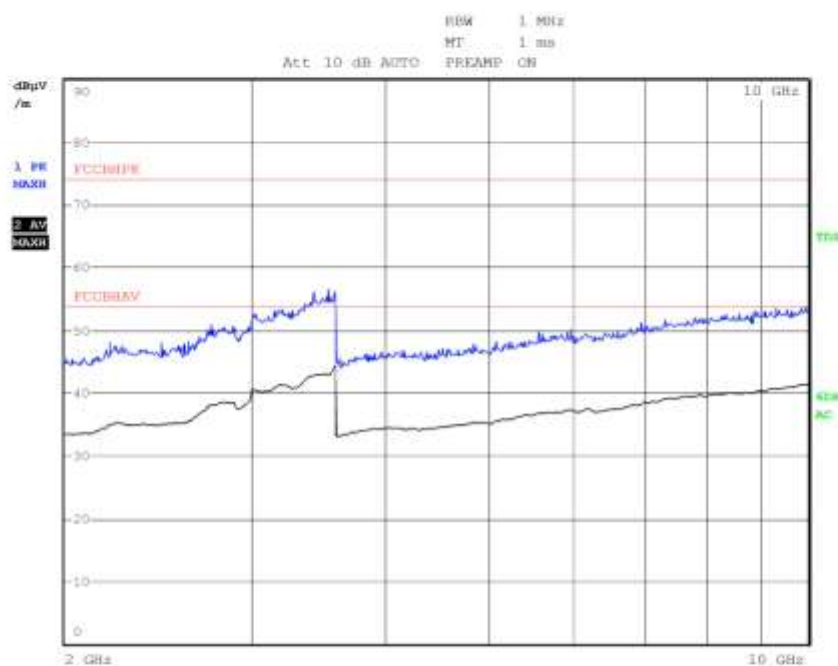
Final Measurement

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



G09043230

Meas Type Emission 2000-10000MHz
Equipment under Test
Manufacturer
OP Condition CH 25
Operator Bertezolo 09043230
Test Spec
Horiz



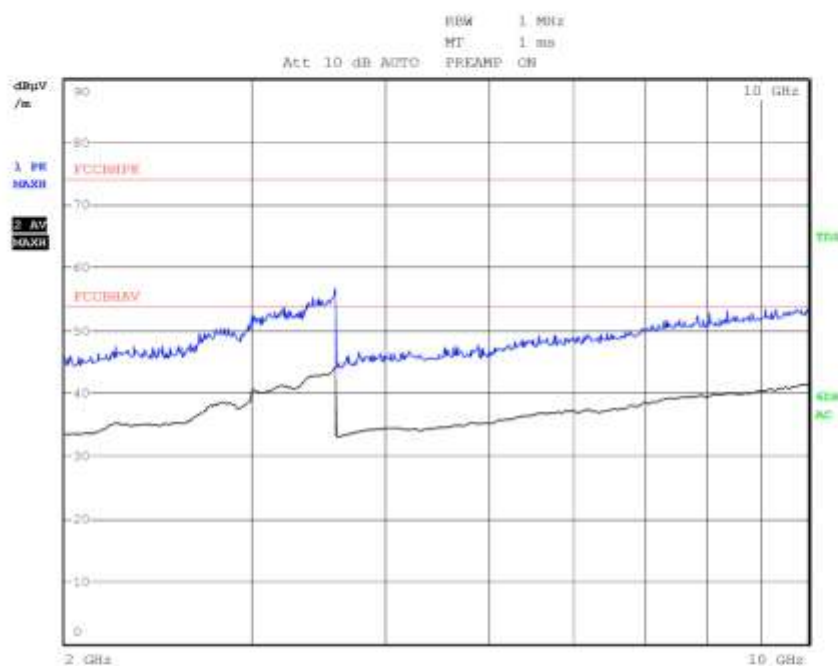
Final Measurement

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



G09043231

Meas Type Emission 2000-10000MHz
Equipment under Test
Manufacturer
OP Condition CH 49
Operator Bertezolo 09043231
Test Spec
Horiz



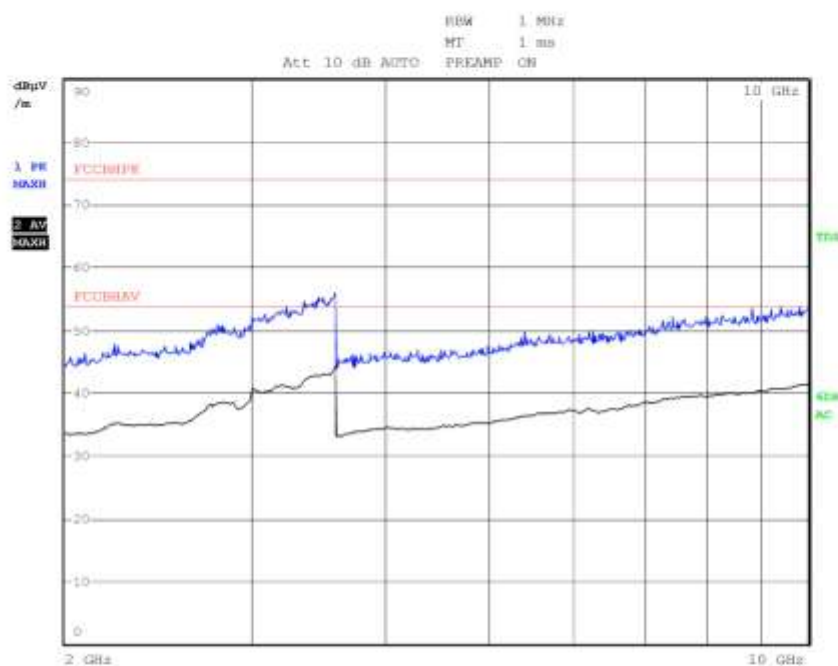
Final Measurement

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



G09043232

Meas Type Emission 2000-10000MHz
Equipment under Test
Manufacturer
OP Condition CH 49
Operator Bertezolo 09043232
Test Spec
Vert



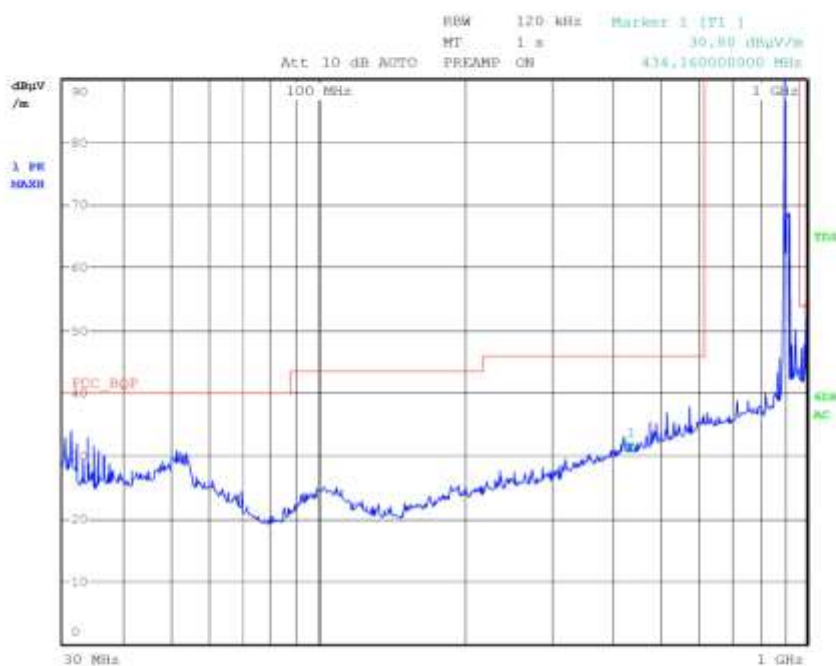
Final Measurement

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



G09043233

Meas Type Emission 30-1000MHz
Equipment under Test
Manufacturer
OP Condition CH 0
Operator Bertezolo 09043233
Test Spec
Vert



Final Measurement

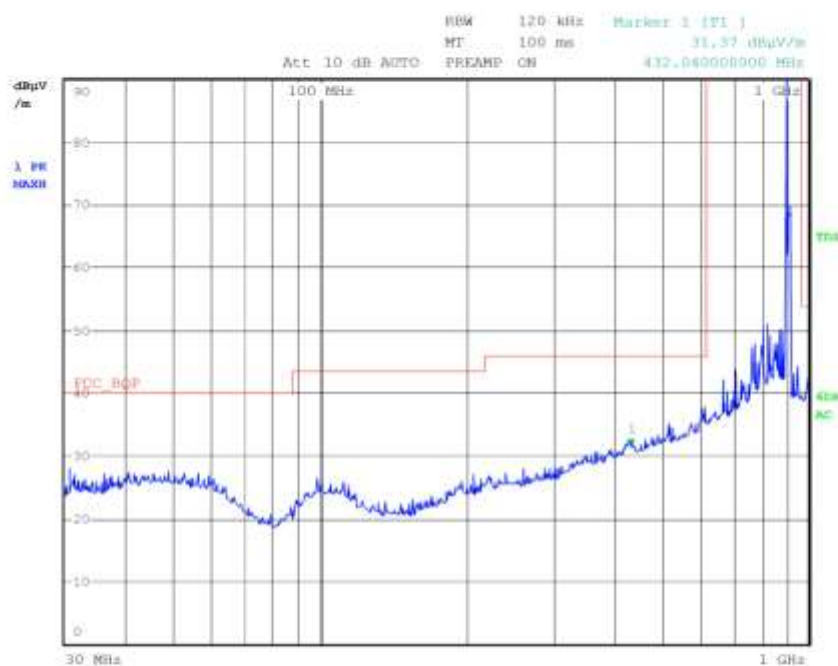
Meas Time: 1 s
Margin: 6 dB
Subranges: 1

Trace	Frequency	Level (dBμV/m)	Detector	Delta Limit/dB
1	998.760000000 MHz	53.72	Quasi Peak	-0.26



G09043234

Meas Type Emission 30-1000MHz
Equipment under Test
Manufacturer
OP Condition CH 0
Operator Bertezolo 09043234
Test Spec
Horiz



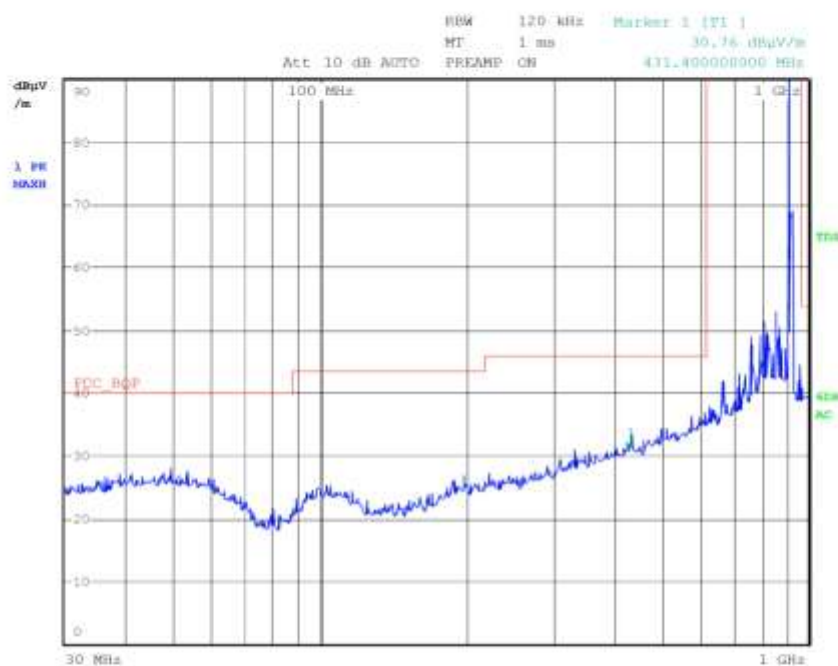
Final Measurement

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



G09043235

Meas Type Emission 30-1000MHz
Equipment under Test
Manufacturer
OP Condition CH 25
Operator Bertezolo 09043235
Test Spec
Horiz



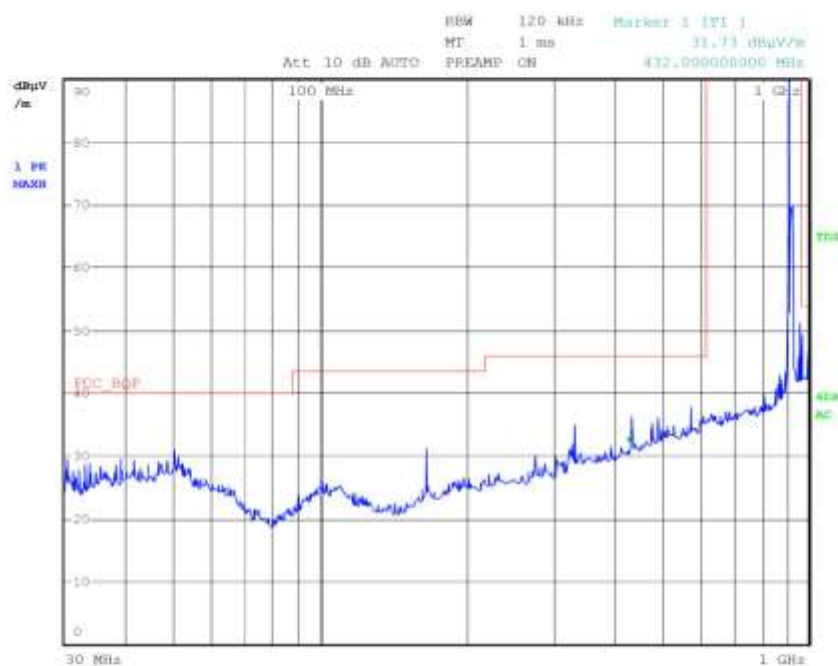
Final Measurement

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



G09043236

Meas Type Emission 30-1000MHz
Equipment under Test
Manufacturer
OP Condition CH 25
Operator Bertezolo 09043236
Test Spec
Vert



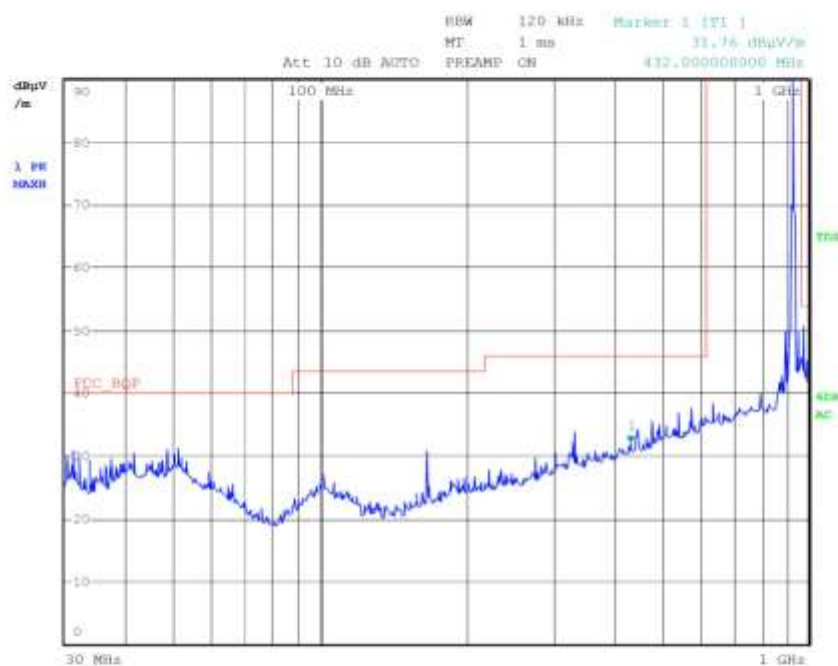
Final Measurement

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



G09043237

Meas Type Emission 30-1000MHz
Equipment under Test
Manufacturer
OP Condition CH 49
Operator Bertezolo 09043237
Test Spec
Vert



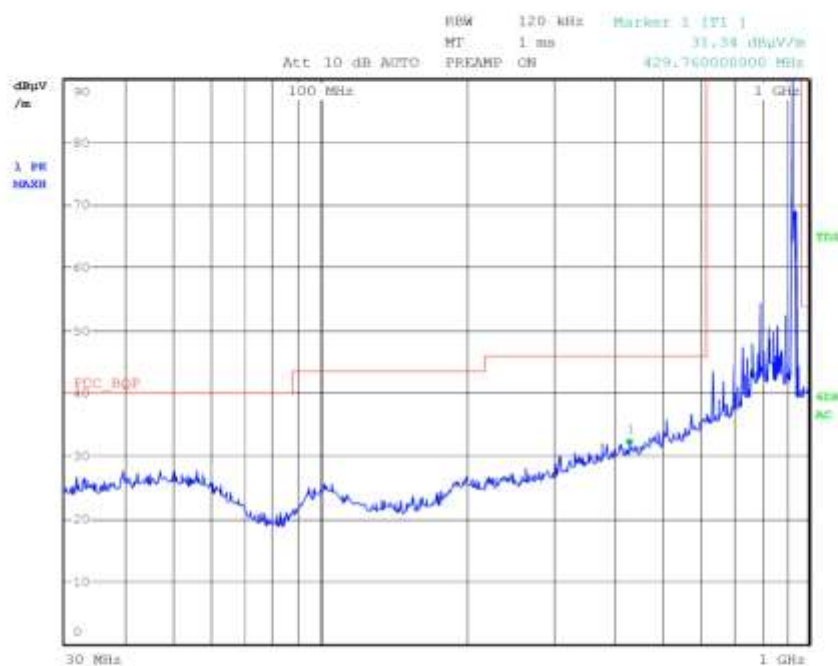
Final Measurement

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



G09043238

Meas Type Emission 30-1000MHz
Equipment under Test
Manufacturer
OP Condition CH 49
Operator Bertezolo 09043238
Test Spec
Horiz

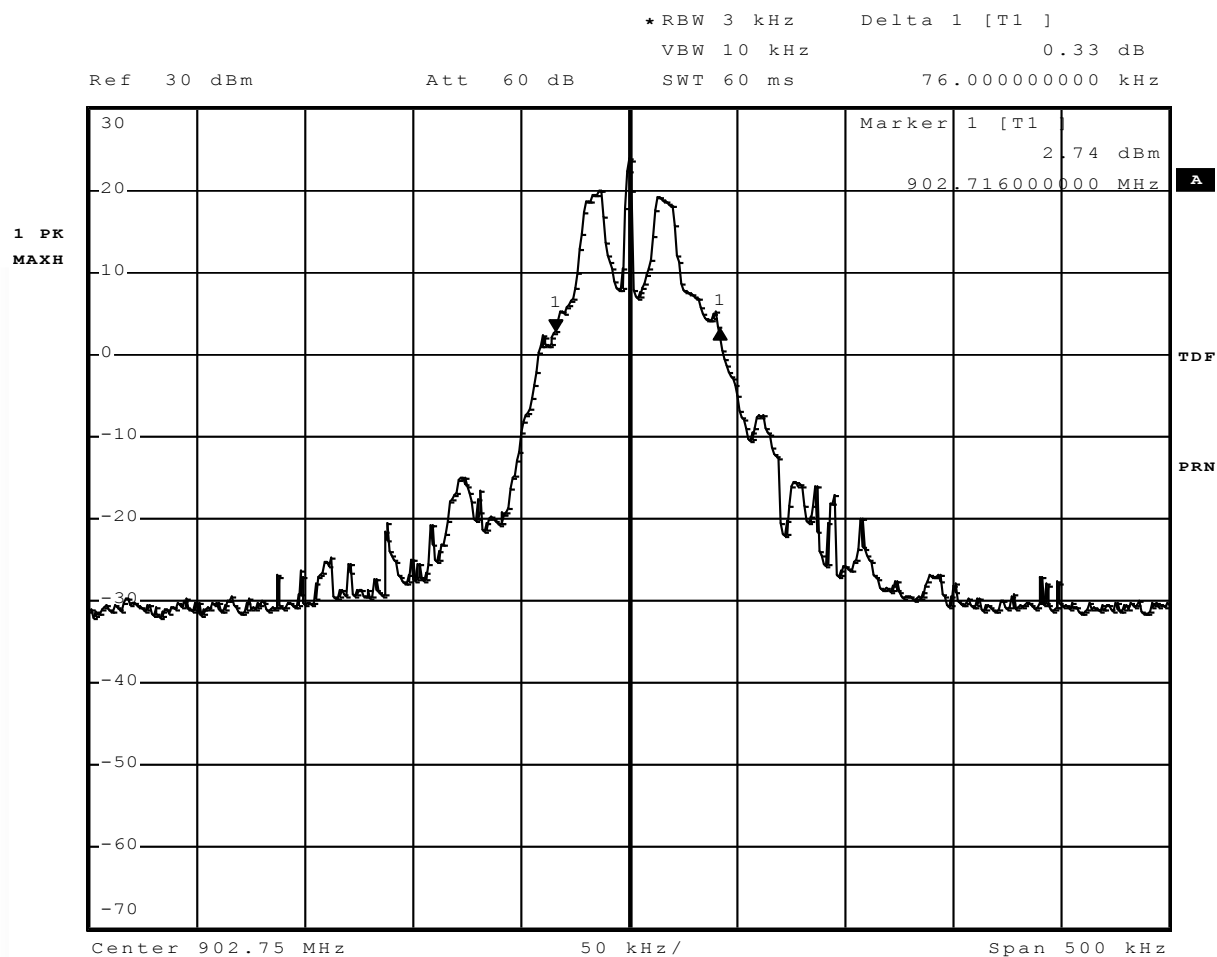


Final Measurement

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

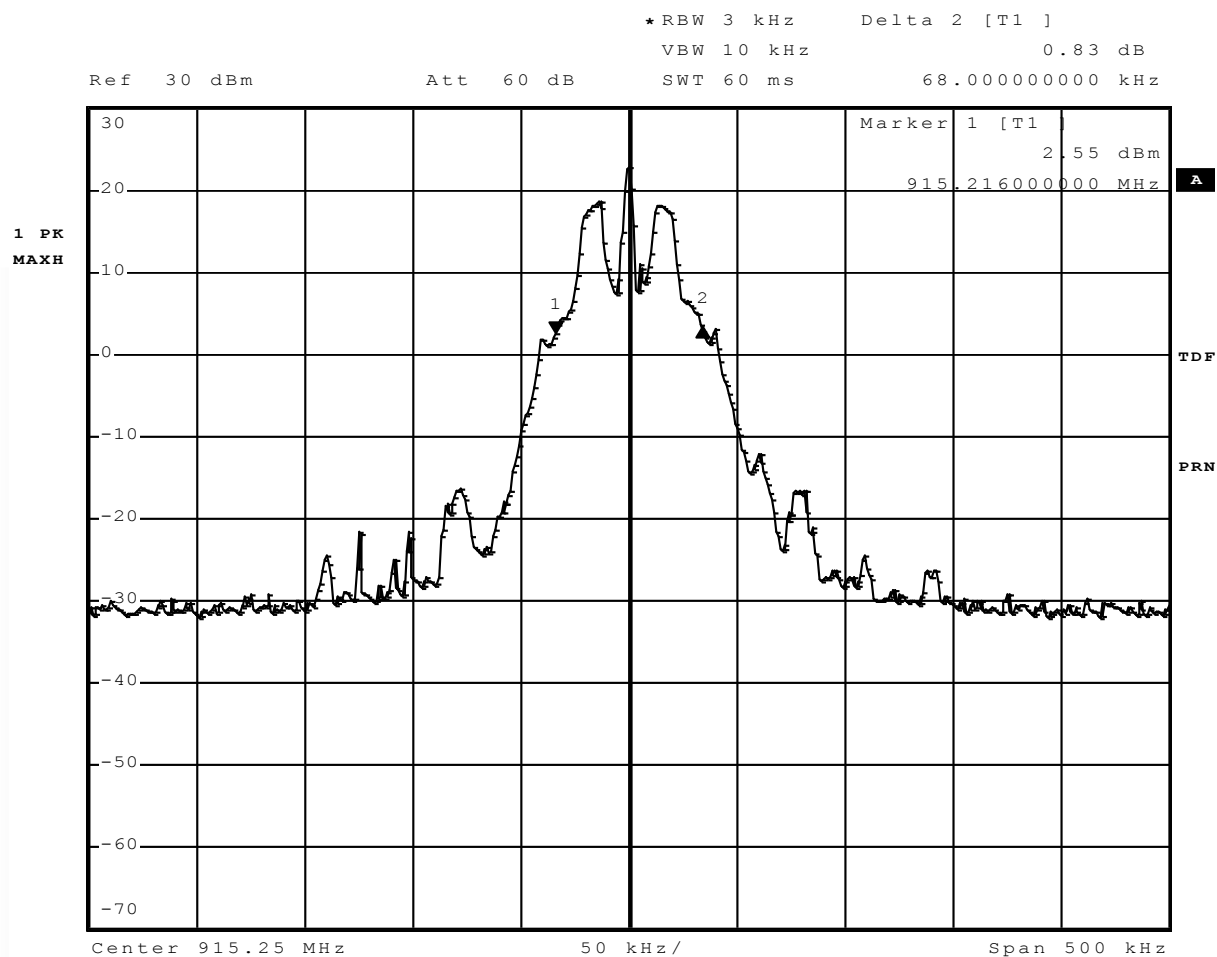


G09043239



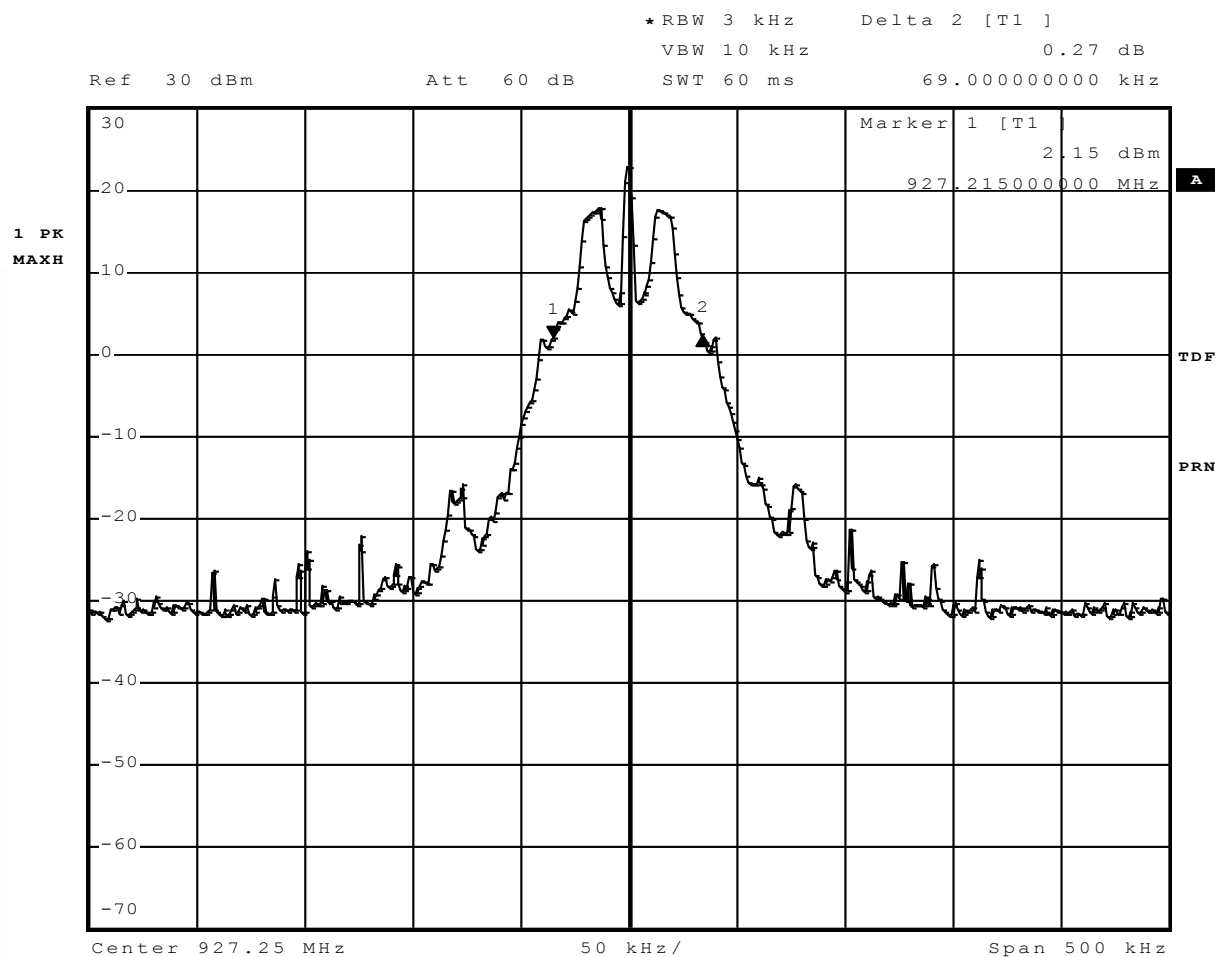


G09043240



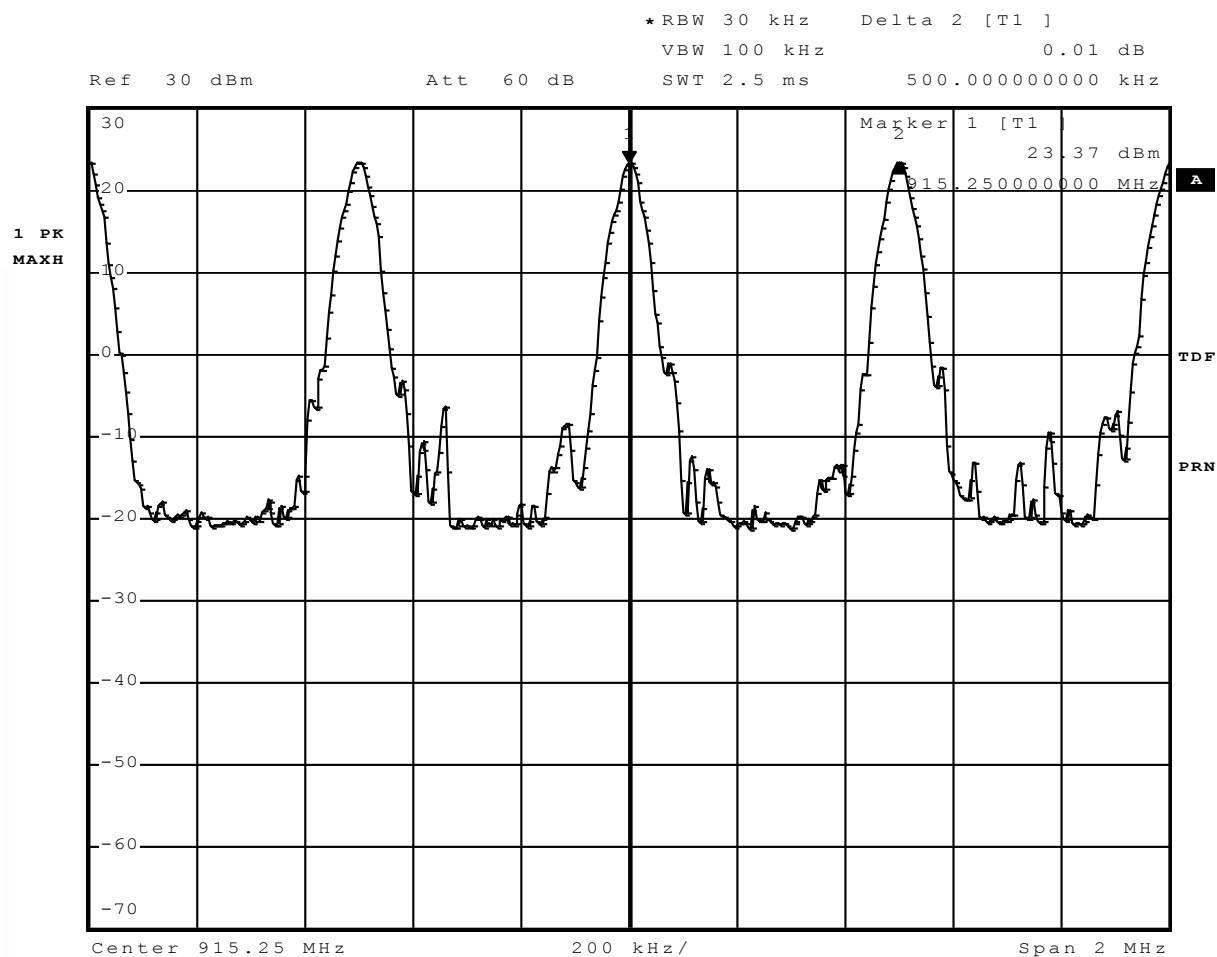


G09043241



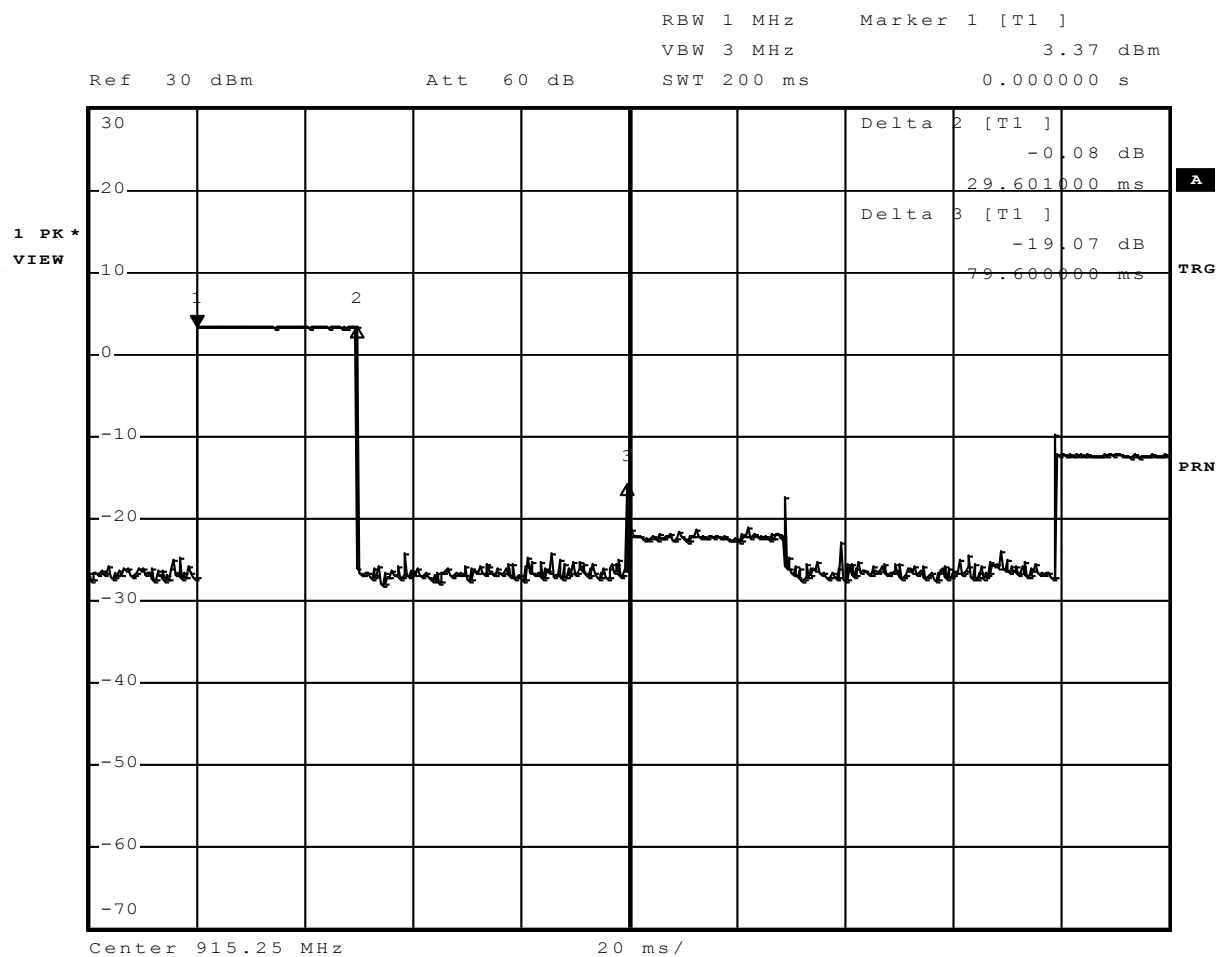


G09043242



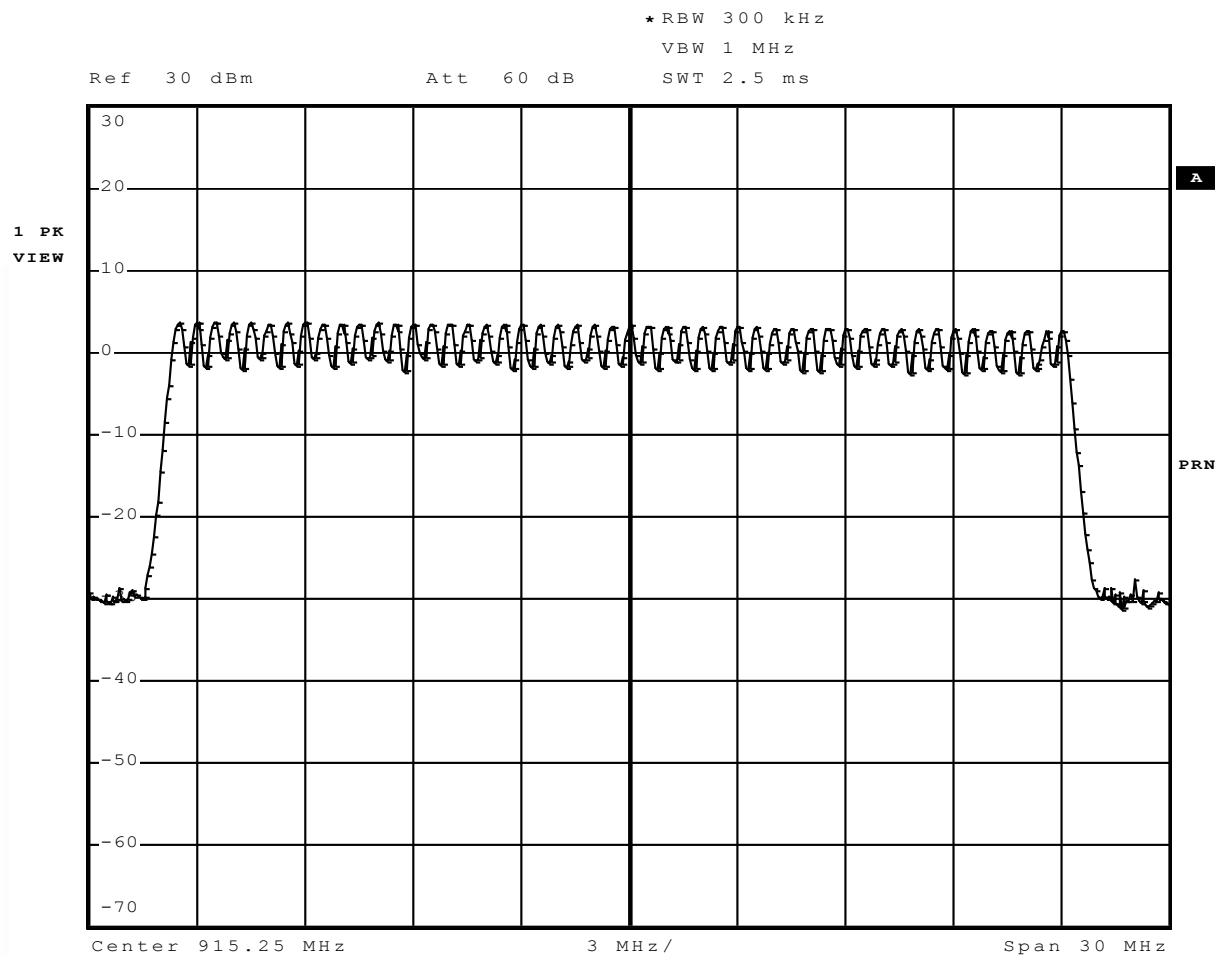


G09043243



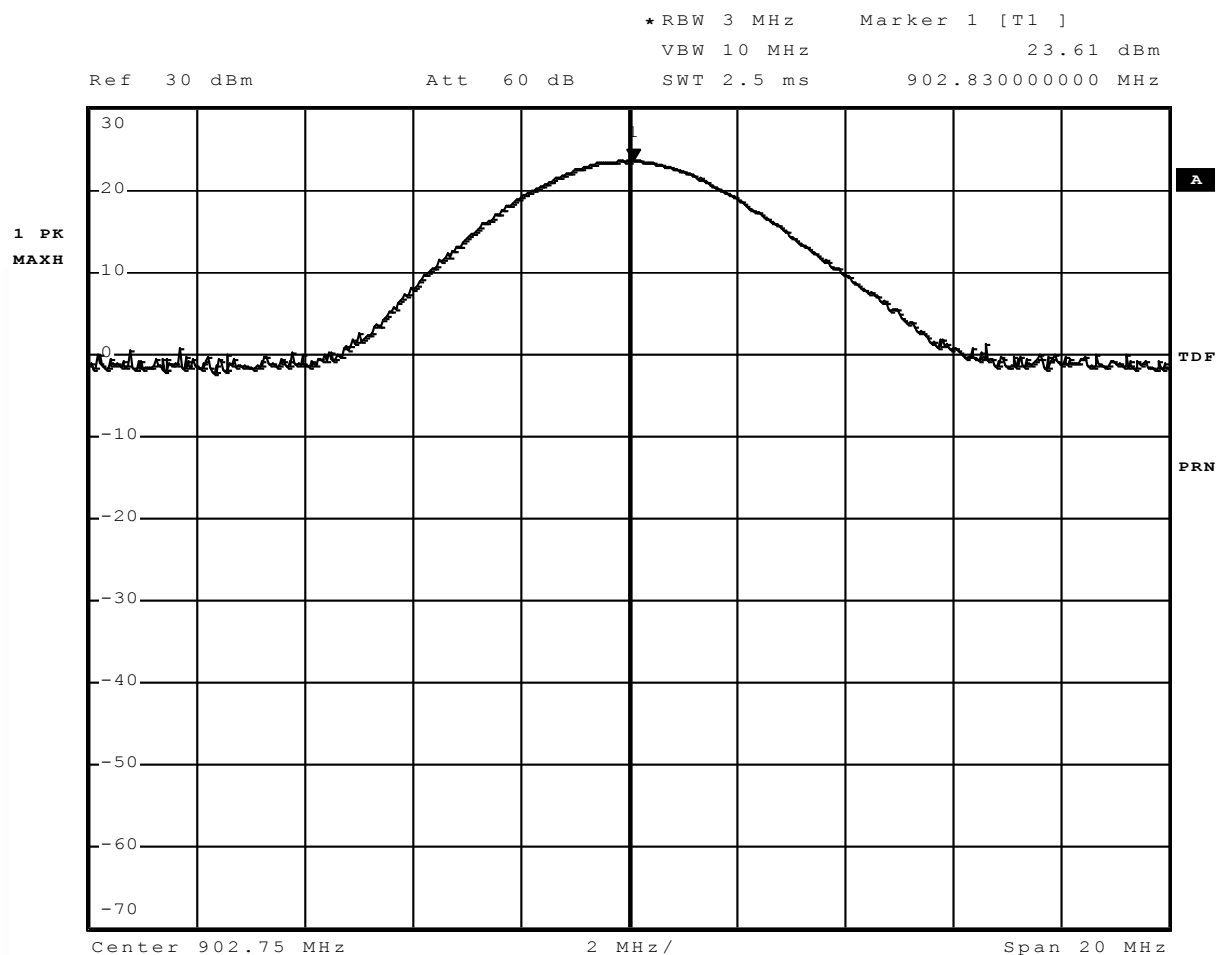


G09043244



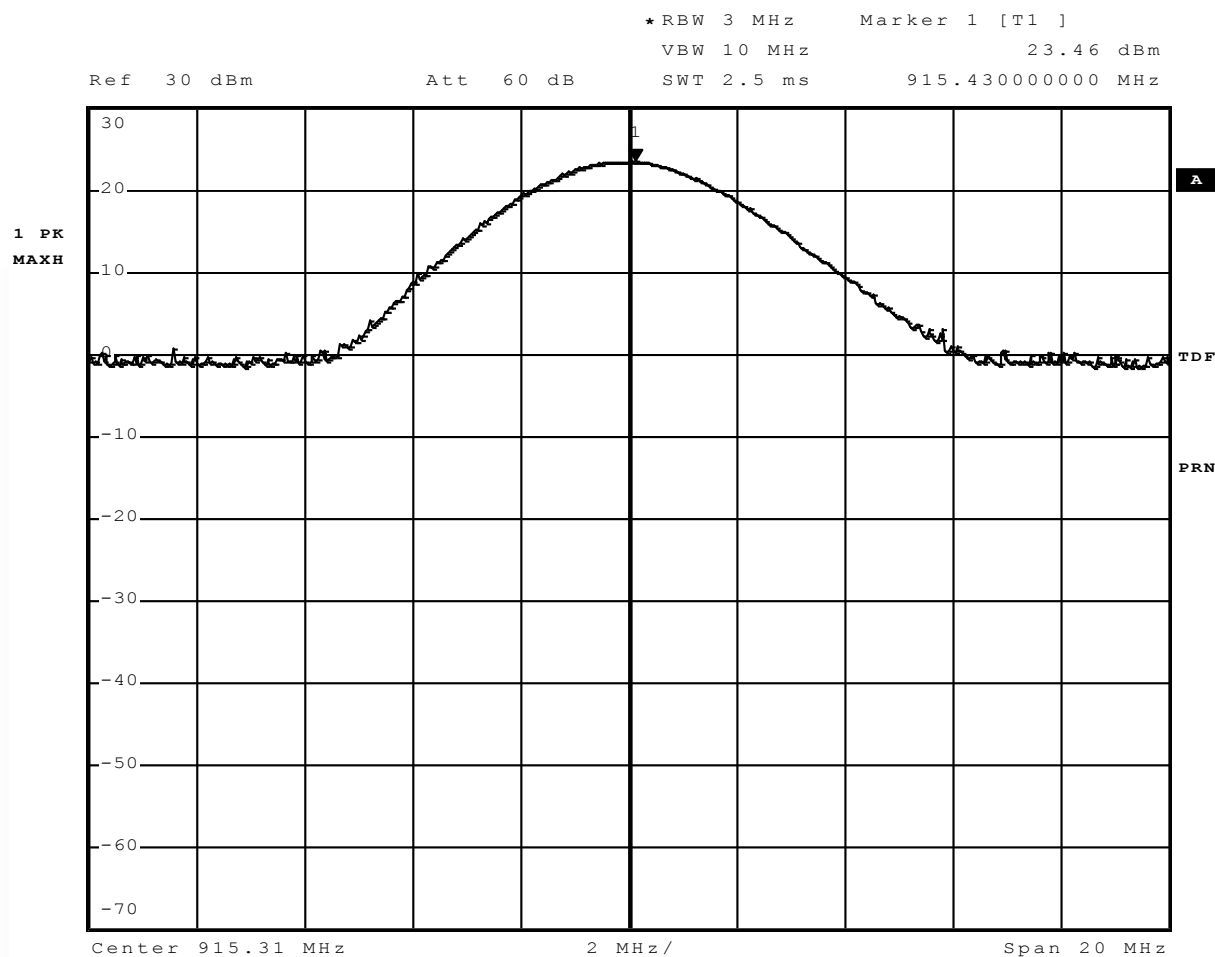


G09043246



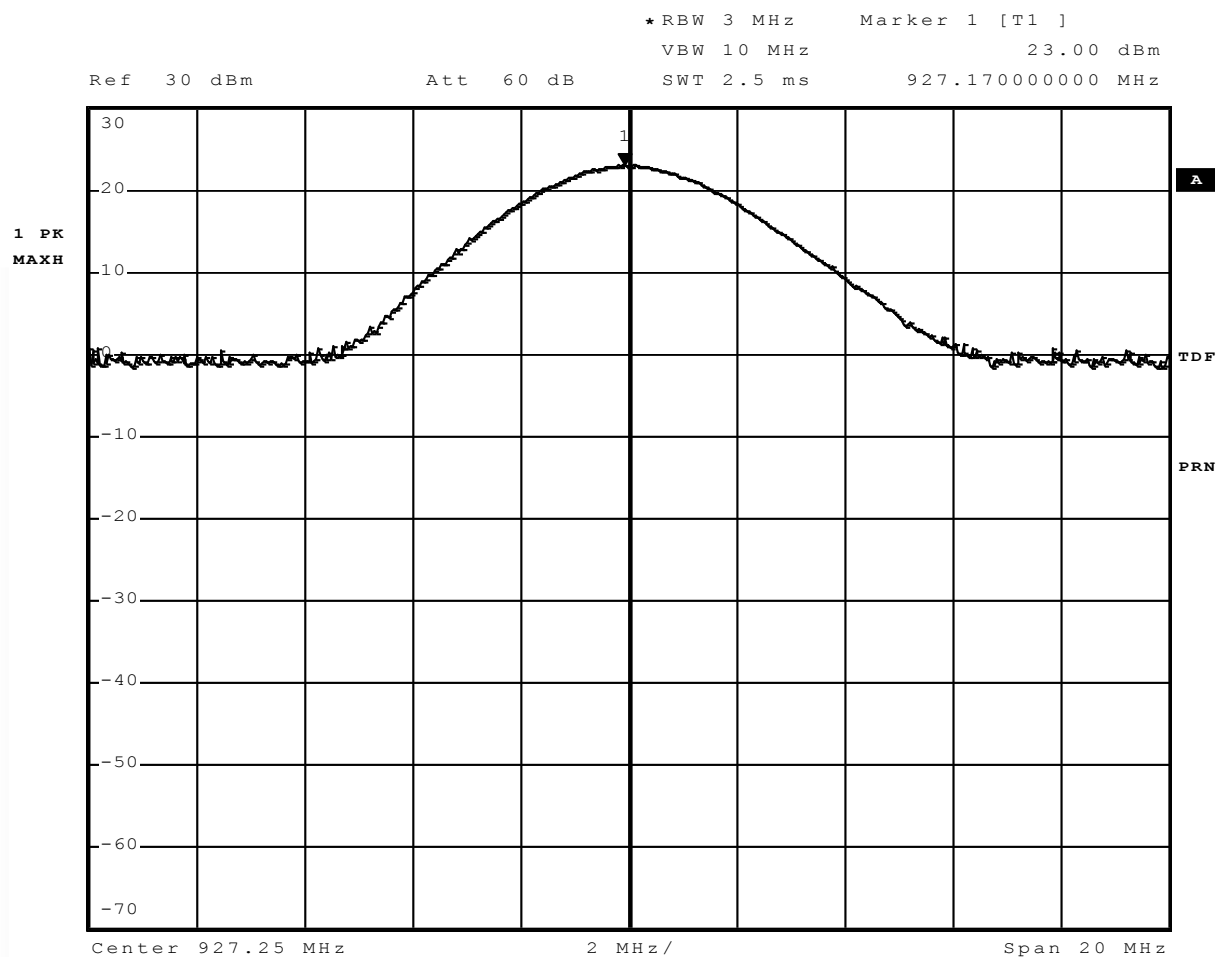


G09043248



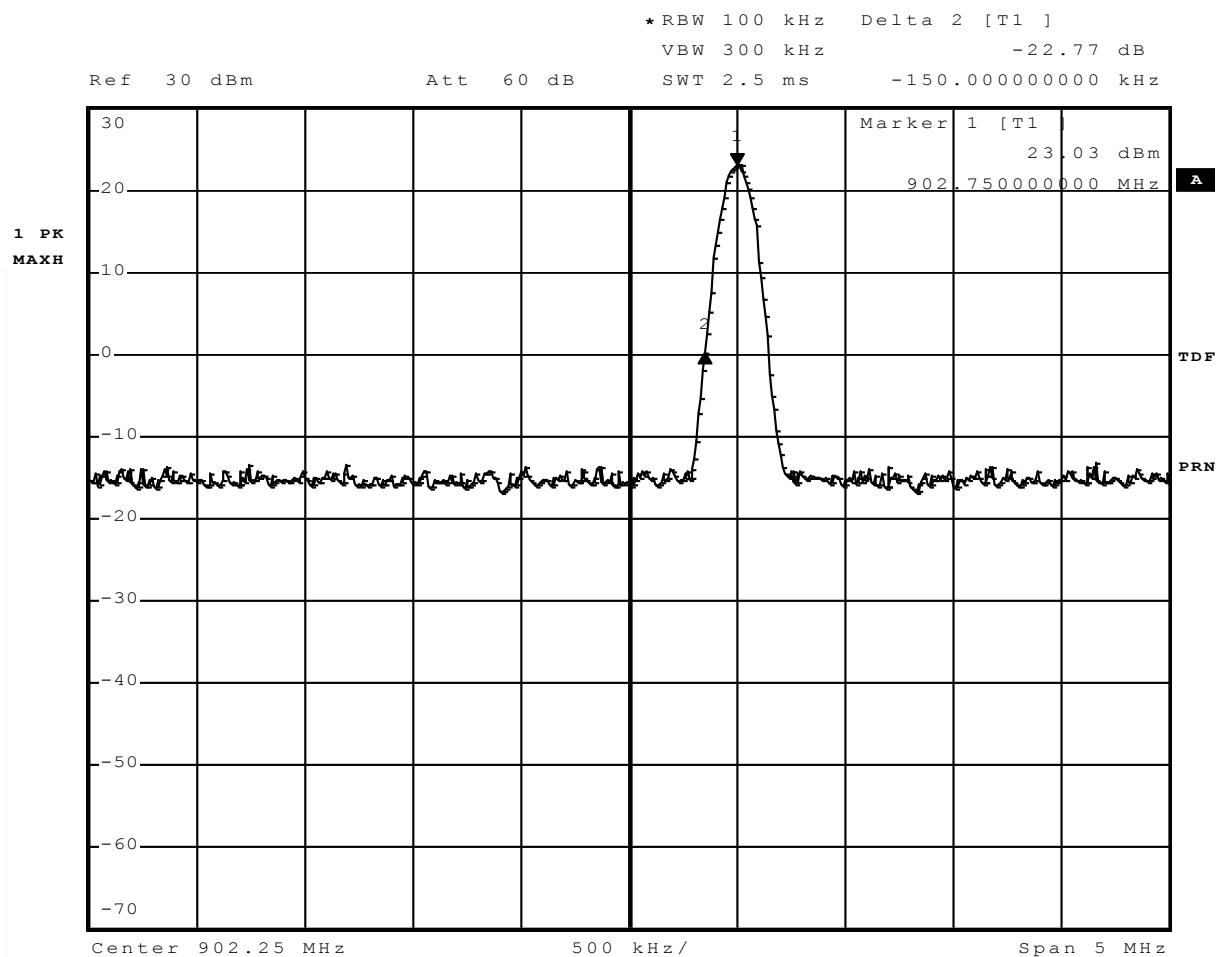


G09043250



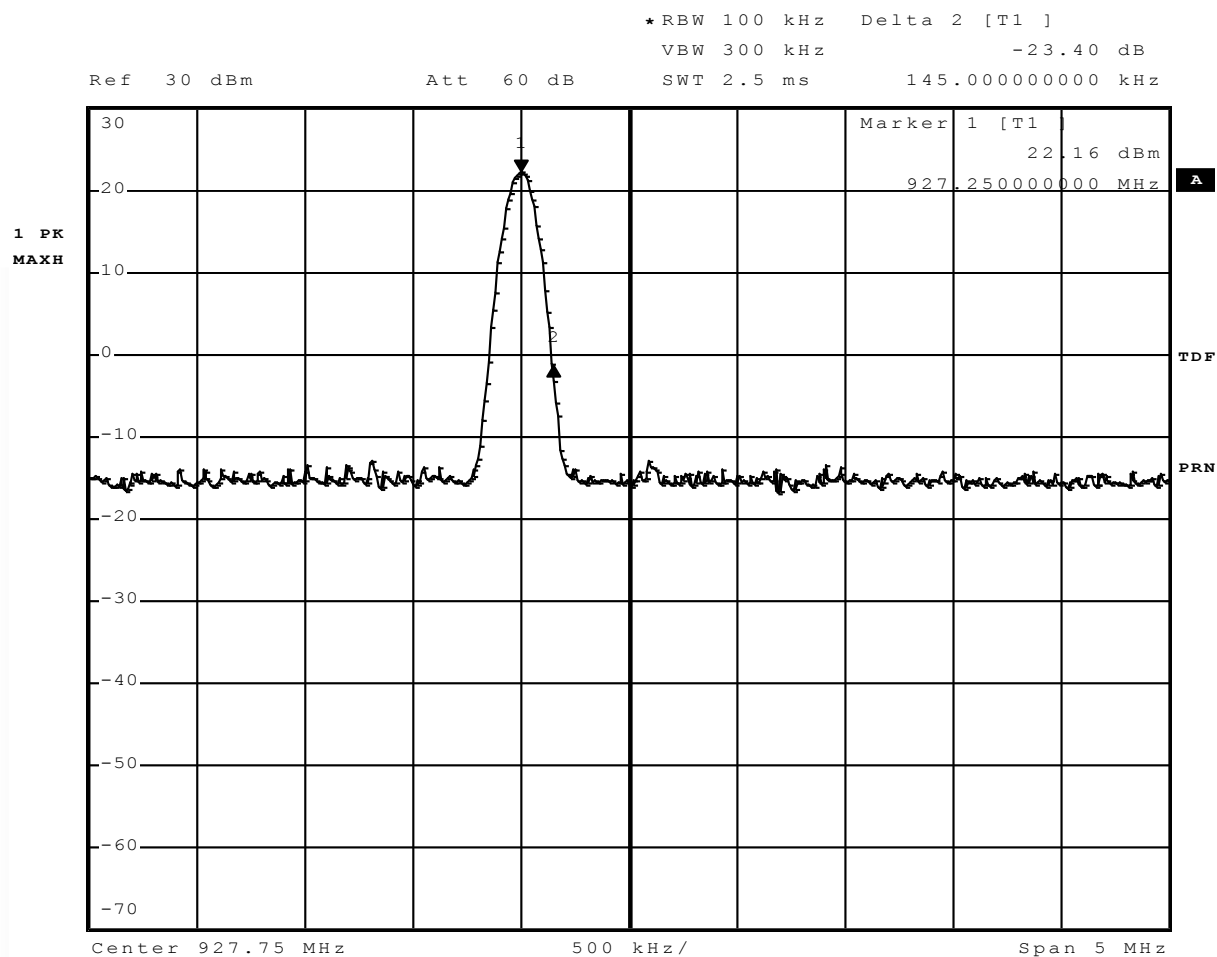


G09043251



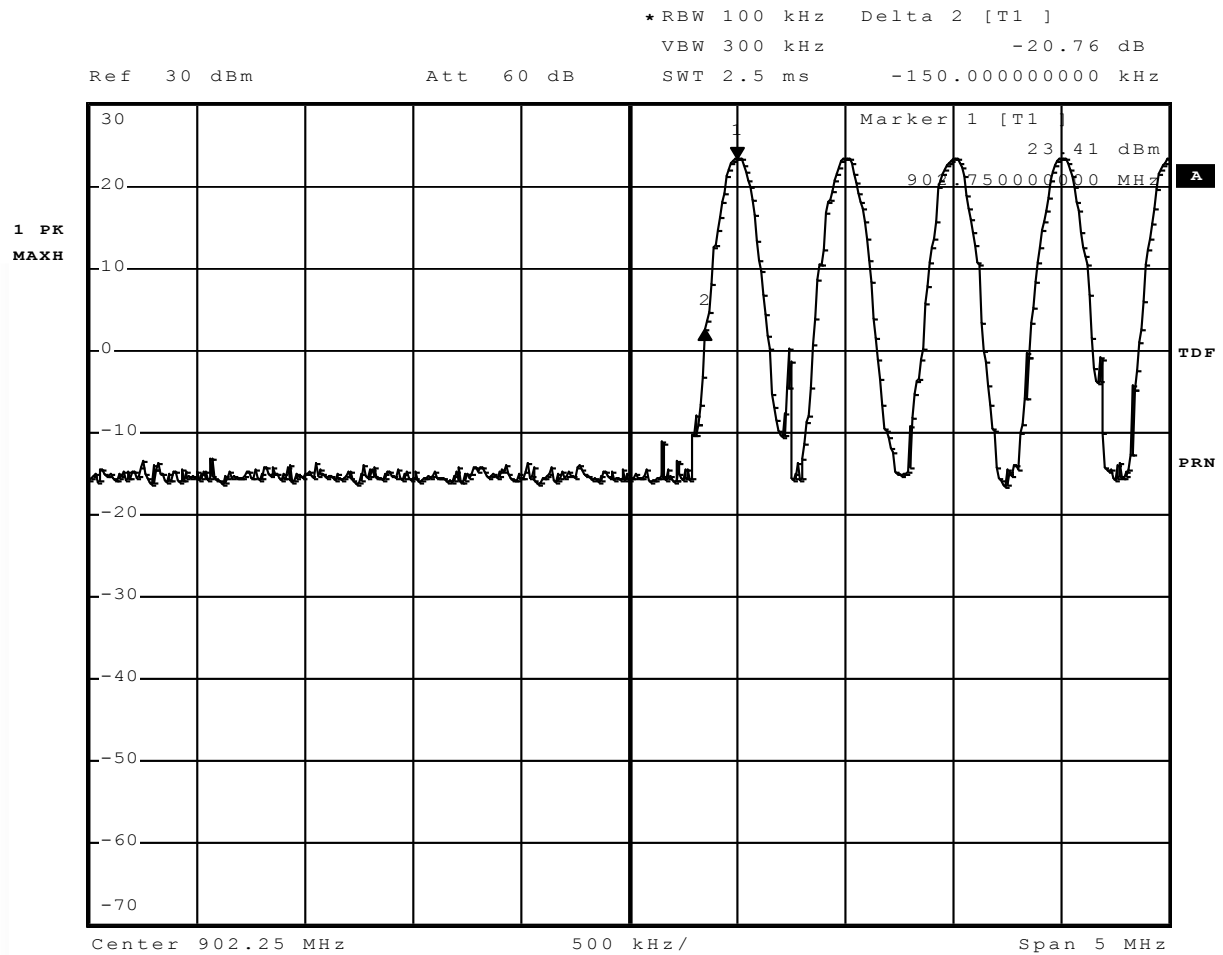


G09043252



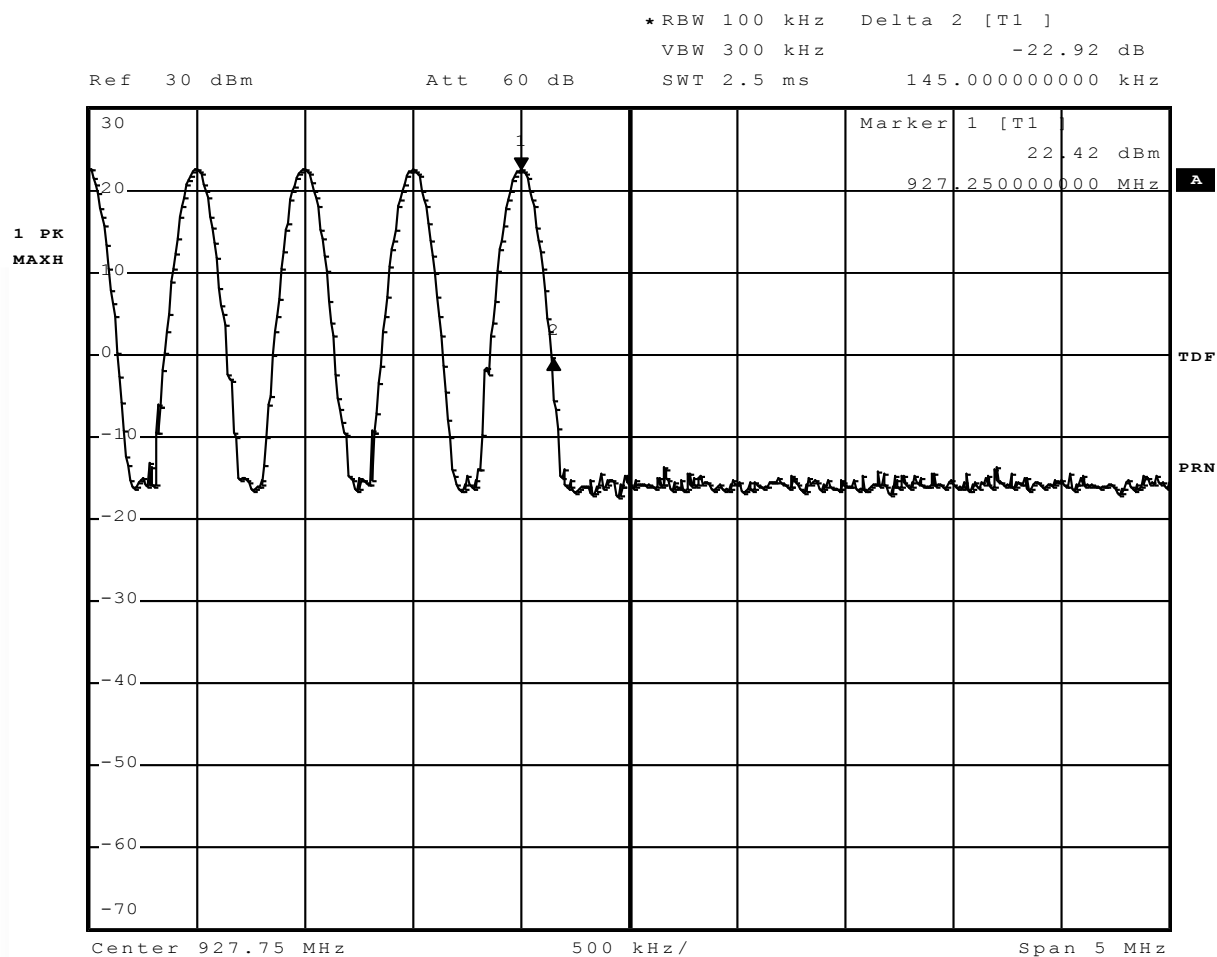


G09043253





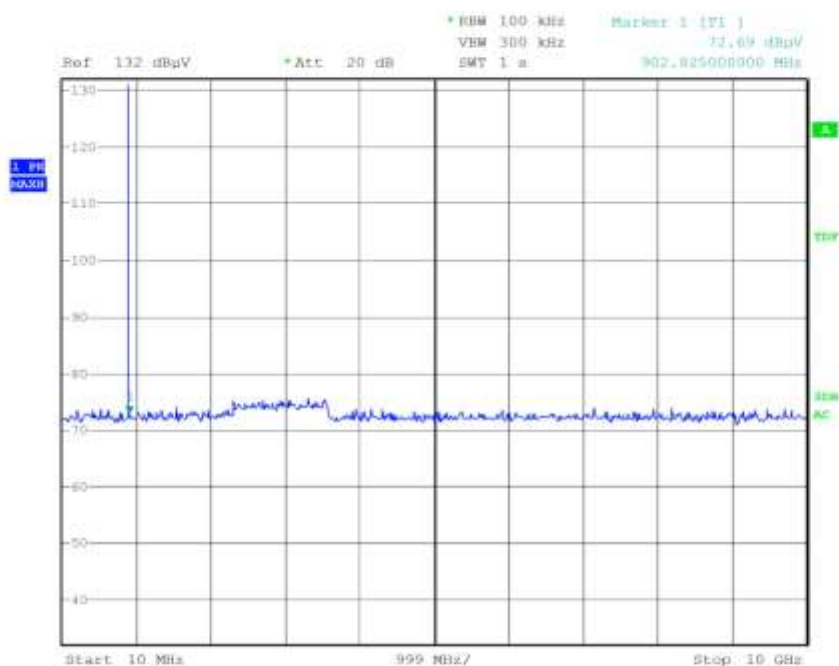
G09043254





G09043255

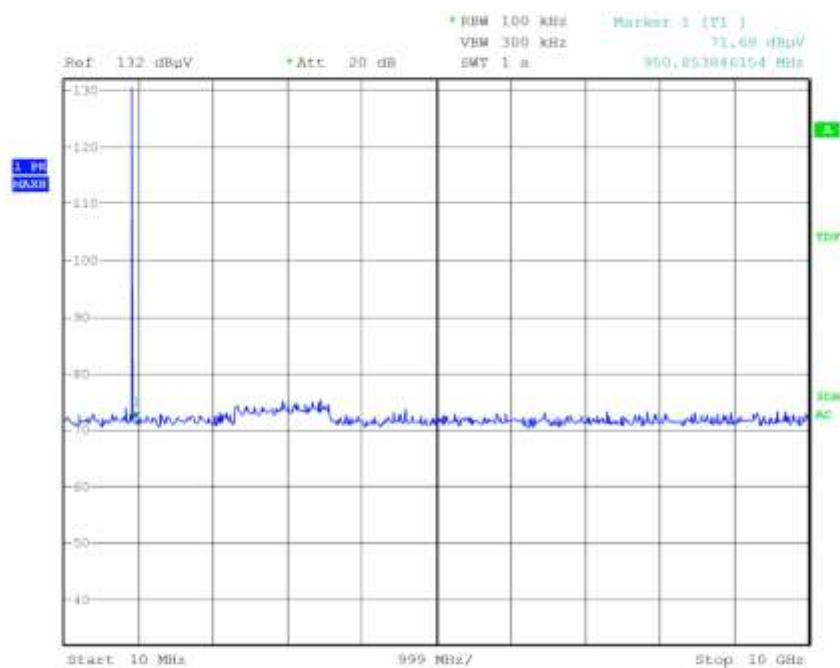
Meas Type Emission 10-10000 MHz
Equipment under Test
Manufacturer
OP Condition CH 0
Operator Bertezolo 09043255
Test Spec
Ant





G09043256

Meas Type Emission 10-10000 MHz
Equipment under Test
Manufacturer
OP Condition CH 25
Operator Bertezolo 09043256
Test Spec
Ant





G09043257

Meas Type Emission 10-10000 MHz
Equipment under Test
Manufacturer
OP Condition CH 49
Operator Bertezolo 09043257
Test Spec
Ant

