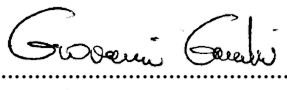
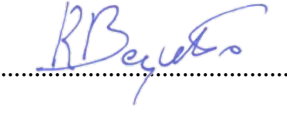




TEST REPORT nr. R16197501	
Federal Communication Commission (FCC)	
Test item	
Description	TRANSCEIVER UNIT
Trademark	AUTEC
Model/Type	Model SK4 Type LA0GM
FCC ID	OQA-SK4LA0GM
Test Specification	
Standard	FCC Rules & Regulations, Title 47:2015 Part 15 paragraph(s): 203, 204, 207, 209 and 249
Client's name	AUTEC S.r.l.
Address	Via Pomaroli, 65 – 36030 Caldogno (VI) – ITALY
Manufacturer's name :	Same as client
Address	--
Report	
Tested by	G. Gandini – <i>Technician</i> 
Approved by	R. Beghetto – <i>Laboratory Manager</i> 
Date of issue	27.10.16
Contents	72 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.

CMC Centro Misure Compatibilità S.r.l.



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1. Summary

Standard:

FCC Rules & Regulations, Title 47:2015
 Part 15 paragraph(s): 203, 204, 207, 209 and 249

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

(+) Devices which only employ battery power. See FCC Part 15.207 (c)

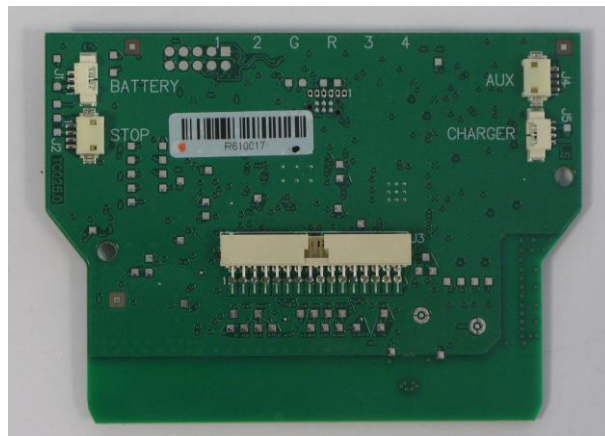
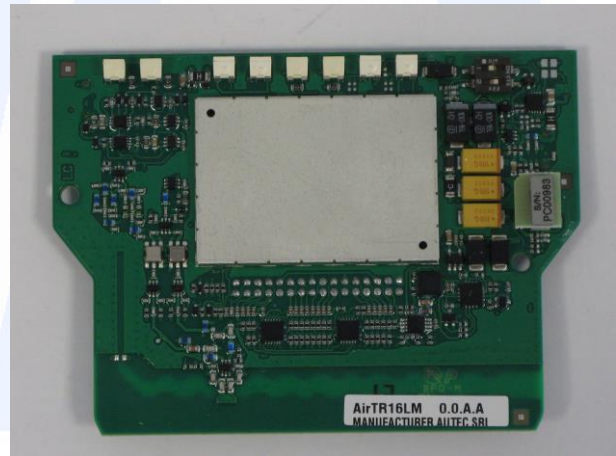
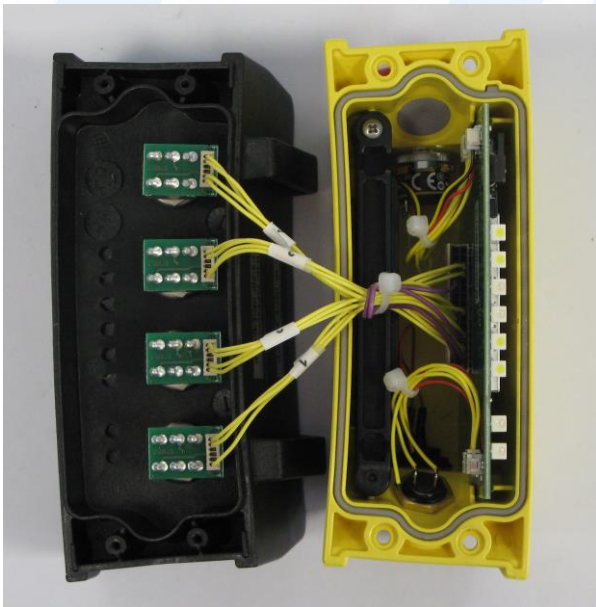
The Test Report was given to the Client representatives for necessary documentation of ratification of the tested equipment and it is valid for the FCC certification



5. Photograph(s) of EUT

5.1 Photograph(s) of EUT





CMC Centro Misure Compatibilità S.r.l.



CMC
Centro Misure Compatibilità S.r.l.
Via della Fisica, 20
36016 Thiene (VI)



LAB N° 0168



CMC Centro Misure Compatibilità S.r.l.



6. Equipment list

<i>Id. number</i>	<i>Manufacturer</i>	<i>Model</i>	<i>Description</i>	<i>Serial number</i>	<i>Last calibration</i>	<i>Due date calibration</i>
CMC S010	Rohde & Schwarz	ESH3-Z2	Impulses Limiting Device	---	January '16	January '17
CMC S108	EMCO	3115	Horn Antenna	9811-5622	June '16	June '19
CMC S127	Schaffner	HLA6120	Loop Antenna	1191	November '13	November '18
CMC S164	Rohde & Schwarz	ESU26	EMC interference receiver	100052	January '16	January '17
CMC S200	Schwarzbeck	NSLK 8128	V-LISN	8128-273	January '16	January '17
CMC S227	Rohde & Schwarz	ESR7	EMI Test Receiver 7GHz	101121	January '16	January '17
CMC S260	CMC	Wfr_N	Shielded Cable	Wfr_ant10-1	November '15	November '16
CMC S261	CMC	Wfr_N	Shielded Cable	Wfr_ant20-1	November '15	November '16
CMC S262	CMC	Wfr_N_fix	Shielded Cable	Wfr_fix32-1	November '15	November '16
CMC S263	CMC	Wfr_N_fix	Shielded Cable	Wfr_fix31-1	November '15	November '16
CMC S264	CMC	Wfr_N	Shielded Cable	Wfr_ext03-1	November '15	November '16
CMC S271	Schwarzbeck	BBA 9106 + VHBB 9124	Biconical Antenna (30-300MHz)	831	June '16	June '19
CMC S287	Schwarzbeck	VUSLP 9111B	Log-periodic Antenna (200 MHz-3Ghz)	9111B-203	June '16	June '19
CMC S288	CMC	W_sma_white	Joint Shielded Cable	W_001	November '15	November '16



7. Measurement uncertainty

Test	Expanded Uncertainty	note
Conducted Emission		
(50Ω/50μH AMN) - (9 kHz – 150 kHz)	±3,6 dB	1
(50Ω/50μH AMN) - (150 kHz – 30 MHz)	±3,0 dB	1
(Voltage probe) - (150 kHz – 30 MHz)	±2,9 dB	1
(50Ω/5μH AMN) - (150 kHz – 108 MHz)	±2,6 dB	1
Discontinuous Conducted Emission		
Conducted Emission (50Ω/50μH AMN) - (150 kHz – 30 MHz)	±3,0 dB	1
Disturbance Power (30 MHz – 300 MHz)		
	±3,4 dB	1
Radiated Emission		
(0,150 MHz – 30 MHz)	±3,8 dB	1
(30 MHz – 1000 MHz)	±3,8 dB	1
(1 GHz – 6 GHz)	±4,3 dB	1
Electromagnetic field EMF		
	±10,5 %	1
Harmonic current emissions test		
	±1,2 %	1
Voltage fluctuation and flicker test		
	±3,8 %	1
Insertion loss test		
	±2,0 dB	1
Radiated electromagnetic disturbance test (loop antenna)		
	±1,5 dB	1
Radiated electromagnetic field immunity test		
	0,81 V/m at 3V/m	1
Pulse modulated radiated electromagnetic field immunity test		
	0,81 V/m at 3V/m	1
Injected currents immunity test		
	0,45 V at 3V	1
Bulk current		
	3,7 mA at 60 mA	1
Power frequency magnetic field immunity test		
	0,23 A/m at 10 A/m	1
Effective radiated power (F < 1GHz)		
	±3,8 dB	1
Effective radiated power (F > 1GHz)		
	±5,5 dB	1
Frequency error		
	< 1x10 ⁻⁷	1
Modulation bandwidth		
	< 1x10 ⁻⁷	1
Conducted RF power and spurious emission		
	±0,7 dB	1
Adjacent channel power		
	±1,2 dB	1
Blocking		
	±1,2 dB	1
Electrostatic discharge immunity test		
		2
Electrical fast transients / burst immunity test		
		2
Surge immunity test		
		2
Pulse magnetic field immunity test		
		2
Damped oscillatory magnetic field immunity test		
		2
Short interruption immunity test		
		2
Voltage transient emission test		
	±2,2 %	1
Transient immunity test		
		2

Rev_16_01 date 09/02/2016

Note 1:

The expanded uncertainty reported according to EN55016-4-2:2011 is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of p = 95%

Note 2:

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



8. Reference documents

Reference no.	Description
FCC Rules and Regulation Title 47 part 15:2015	--
ANSI C63.4:2014	American National Standard for Methods of Measuring of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz – 40 GHz
ANSI C63.10:2013	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
Internal Procedure PM001 rev. 2.0 (Quality Manual)	Measure Procedure
Internal procedure INC_M rev. 8.2 (Quality Manual)	Measurement uncertainty calculation



9. Deviation from test specification

In agreement with the client, emission tests were performed with peak detector.

At the frequencies where the measures exceed the limit or within 6 dB from it, the test was repeated with quasi-peak detector and/or average detector.

10. Test case verdicts

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

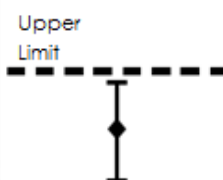
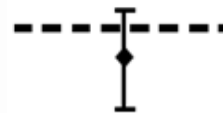

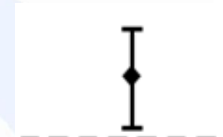


11. Results

In this clause tests results are reported.

Measurement uncertainty is in accordance with document CMC INC_M rev. 8.2.

Judgement of compliance:

Case 1	Case 2	Case 3	Case 4
 <p>The sample complies with the requirement.</p> <p>The measurement results is within the specification limit when the measurement uncertainty is taken into account.</p>	 <p>The sample complies with the requirement.</p> <p>It is not possible to state compliance using a 95% coverage probability for the expanded uncertainty although the measurement result is below the limit.</p>	 <p>The sample does not comply with the requirement.</p> <p>It is not possible to state compliance using a 95% coverage probability for the expanded uncertainty also the measurement result is upper the limit.</p>	 <p>The sample does not comply with the requirement.</p> <p>The measurement results is outside the specification limit when the measurement uncertainty is taken into account.</p>

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



11.1 Antenna requirements

Test set-up and execution

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

Test configuration and test method

Test site:
Laboratory

Auxiliary equipment:
See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test equipment used

--
Measurement uncertainty: See clause 7 of this test report

Test specification

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, § 15.213, § 15.217, § 15.219, or § 15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31 (d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded

Environmental conditions

Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
20	101	42

Result

Antenna Type	External R.F. power amplifier	Gain	Remarks	Results
Integral antenna	Not Present	0 dBi	--	Complies

Result: The requirements are met



11.2 Radiated emissions

Test set-up and execution

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

Test configuration and test method

Test site:
Semi-anechoic chamber

Auxiliary equipment:
See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test equipment used

CMC S108, CMC S127, CMC S164, CMC S271, CMC S287
Measurement uncertainty: See clause 7 of this test report

Test specification

Port: Enclosure
Frequency range: 0,009 MHz – 10000 MHz
Antenna polarization: Horizontal (H) – Vertical (V)
10 m for frequencies ≤ 1000 MHz
3 m for frequencies > 1000 MHz

Environmental conditions

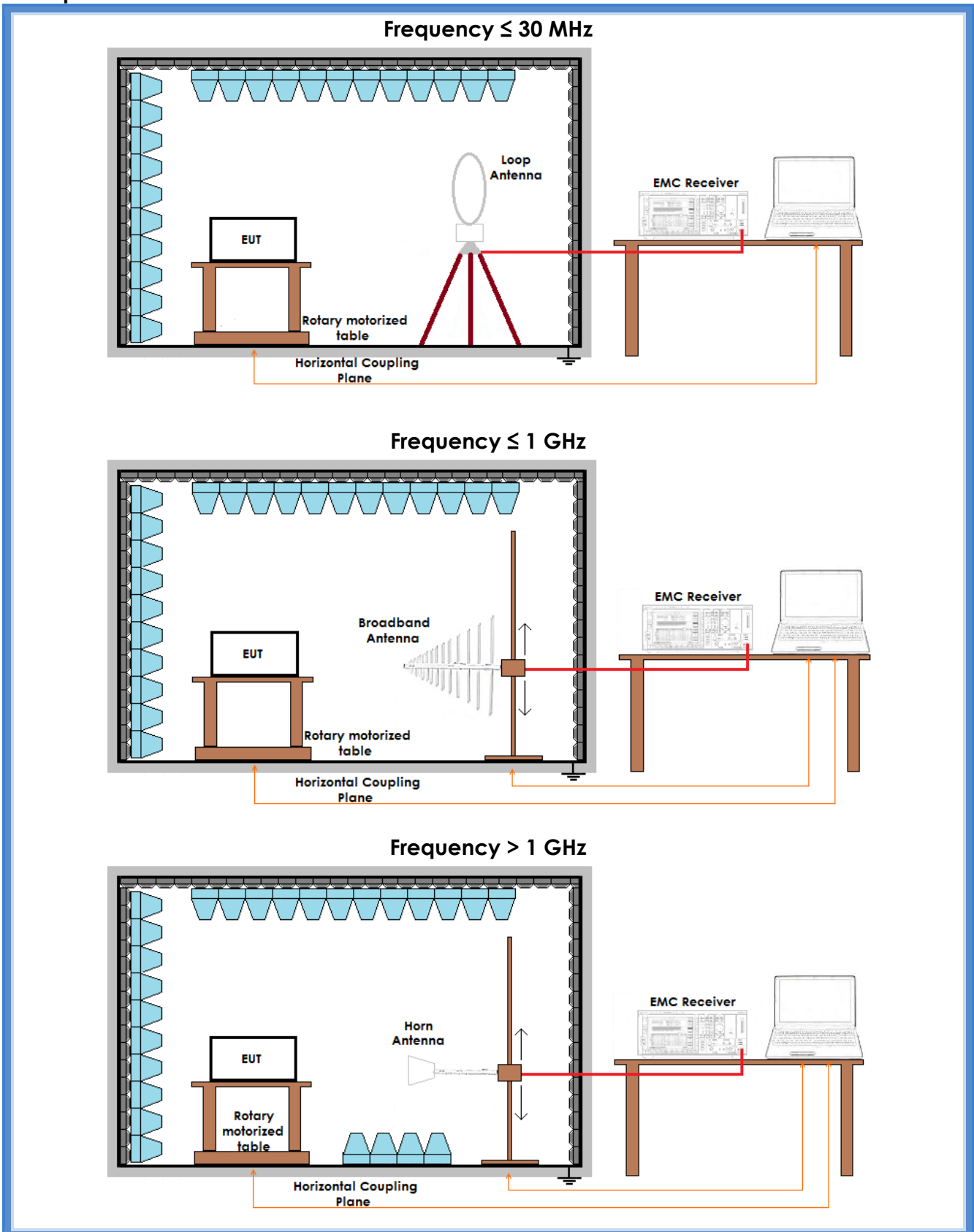
Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
22	100	45

Acceptance limits

Frequency range (MHz)	Limits [dB(μV/m)]
0,009 to 0,490	107,60 to 72,89
0,490 to 1,705	52,89 to 42,05
1,705 to 30	48,63
30 to 88	40
88 to 216	43,52
216 to 960	46,02
Above 960	53,98

Remarks: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

Setup





Result

Polarization	Frequency Range (MHz)	Graphs	Remarks	Result
Loop	0,009 – 30	G16197501	Worst case	Complies
H	30 – 300	G16197502	Lowest channel	Complies
V	30 – 300	G16197503	Lowest channel	Complies
V	30 – 300	G16197504	Medium channel	Complies
H	30 – 300	G16197505	Medium channel	Complies
H	30 – 300	G16197506	Highest channel	Complies
V	30 – 300	G16197507	Highest channel	Complies
V	300 – 1000	G16197508	Lowest channel	Complies
H	300 – 1000	G16197509	Lowest channel	Complies
H	300 – 1000	G16197510	Medium channel	Complies
V	300 – 1000	G16197511	Medium channel	Complies
V	300 – 1000	G16197512	Highest channel	Complies
H	300 – 1000	G16197513	Highest channel	Complies
H	1000 – 10000	G16197529	Lowest channel	Complies
V	1000 – 10000	G16197532	Lowest channel	Complies
V	1000 – 10000	G16197533	Medium channel	Complies
H	1000 – 10000	G16197534	Medium channel	Complies
H	1000 – 10000	G16197535	Highest channel	Complies
V	1000 – 10000	G16197536	Highest channel	Complies
Remarks: --				

Graphs Legend

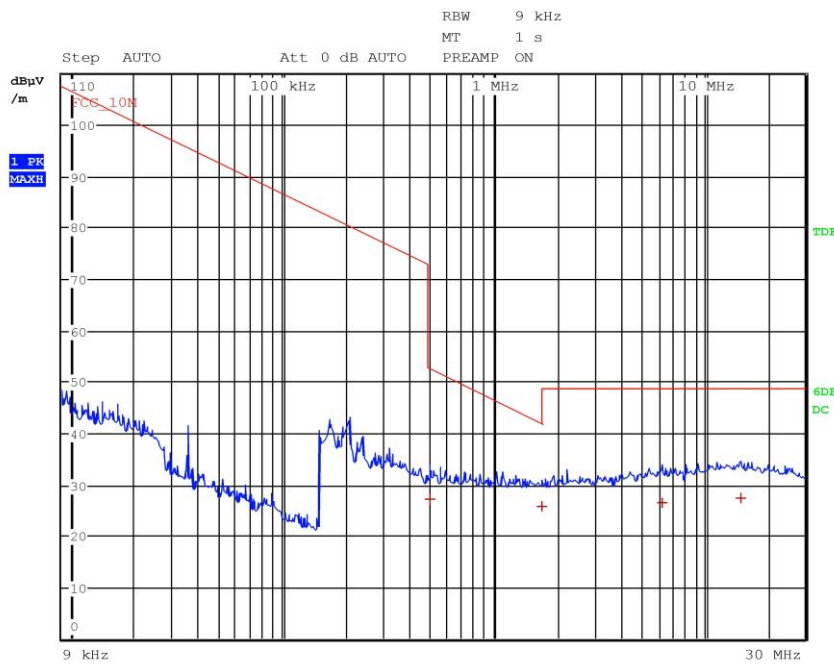
PK: Peak; QP [1s] (quasi-peak at 1 second) values are marked with a +
AV: Average; AV [1s] (average at 1 second) values are marked with a x



Graphs

G16197501

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx-Rx
Operator Gandini 16197501
Test Spec
 Loop



Final Measurement

Meas Time: 1 s
 Margin: 20 dB
 Subranges: 4

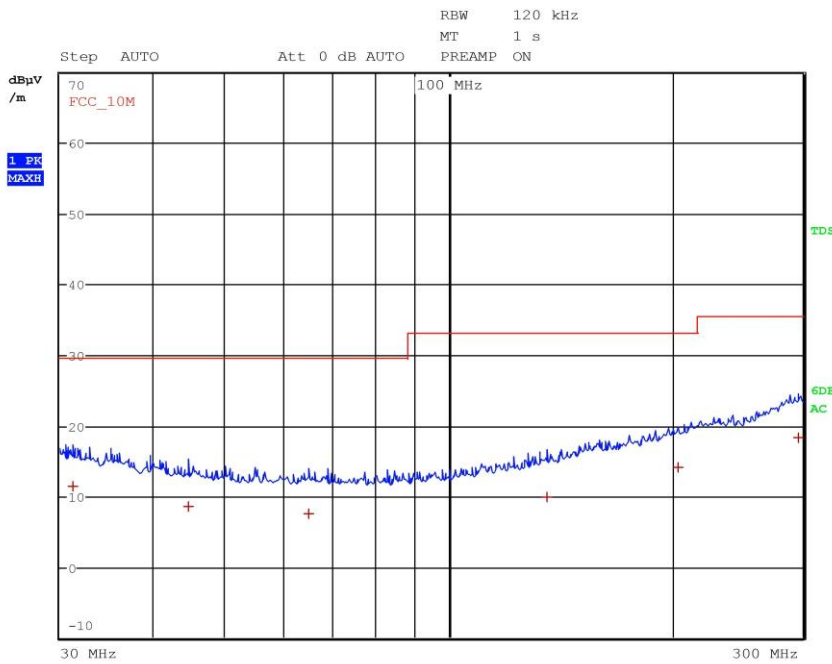
Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	494.000000000 kHz	27.18	Quasi Peak	-25.64
1	1.686000000 MHz	25.72	Quasi Peak	-16.43
1	6.302000000 MHz	26.40	Quasi Peak	-22.23
1	14.882000000 MHz	27.35	Quasi Peak	-21.28

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G16197502

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx-Fmin
Operator Gandini 16197502
Test Spec
 Horiz



Final Measurement

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

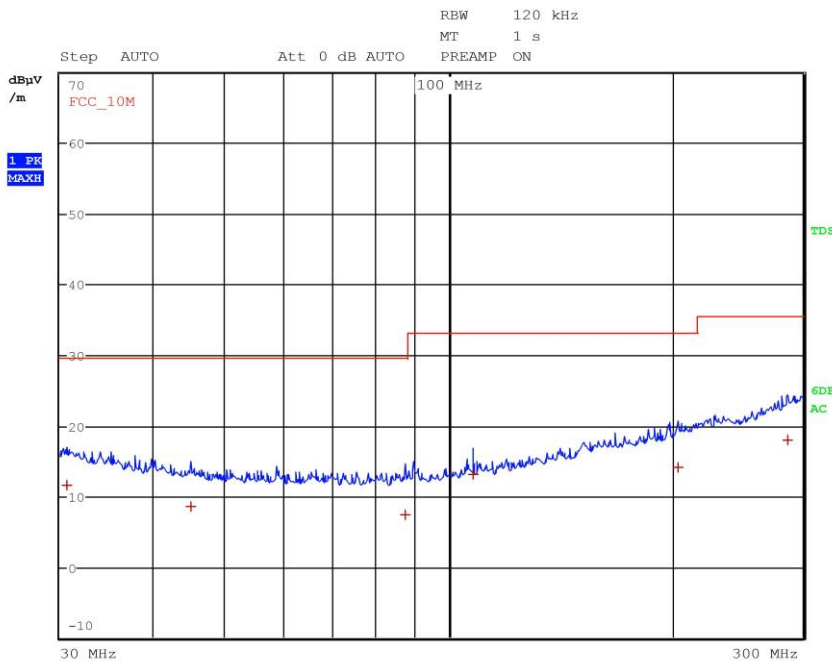
Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	31.200000000 MHz	11.49	Quasi Peak	-18.05
1	44.640000000 MHz	8.57	Quasi Peak	-20.97
1	64.840000000 MHz	7.59	Quasi Peak	-21.95
1	135.440000000 MHz	9.94	Quasi Peak	-23.12
1	203.520000000 MHz	14.05	Quasi Peak	-19.01
1	295.200000000 MHz	18.30	Quasi Peak	-17.26

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G16197503

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx-Fmin
Operator Gandini 16197503
Test Spec
 Vert



Final Measurement

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

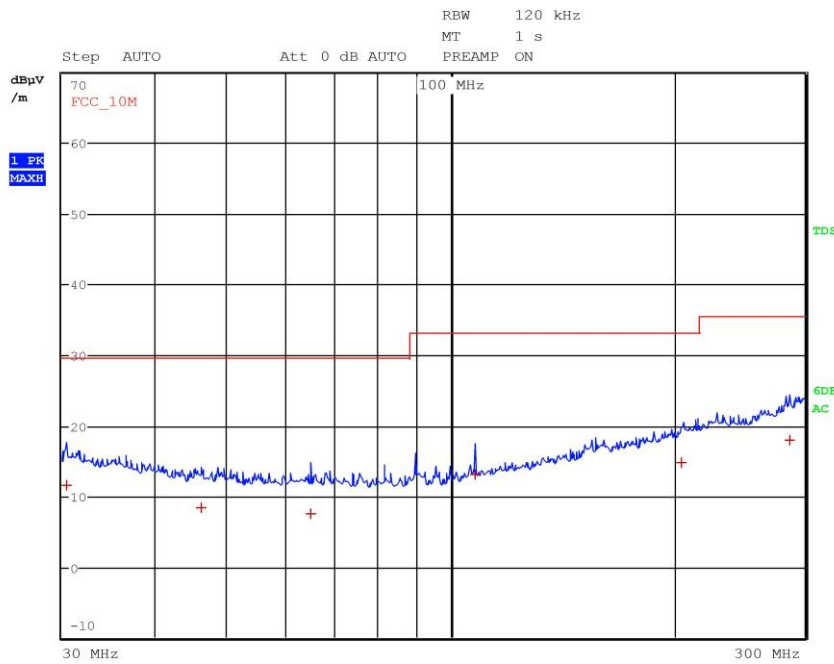
Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	30.680000000 MHz	11.60	Quasi Peak	-17.94
1	45.000000000 MHz	8.65	Quasi Peak	-20.89
1	87.520000000 MHz	7.47	Quasi Peak	-22.07
1	108.000000000 MHz	13.10	Quasi Peak	-19.96
1	203.800000000 MHz	14.18	Quasi Peak	-18.88
1	285.960000000 MHz	18.03	Quasi Peak	-17.53

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G16197504

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx-Fmid
Operator Gandini 16197504
Test Spec
 Vert



Final Measurement

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

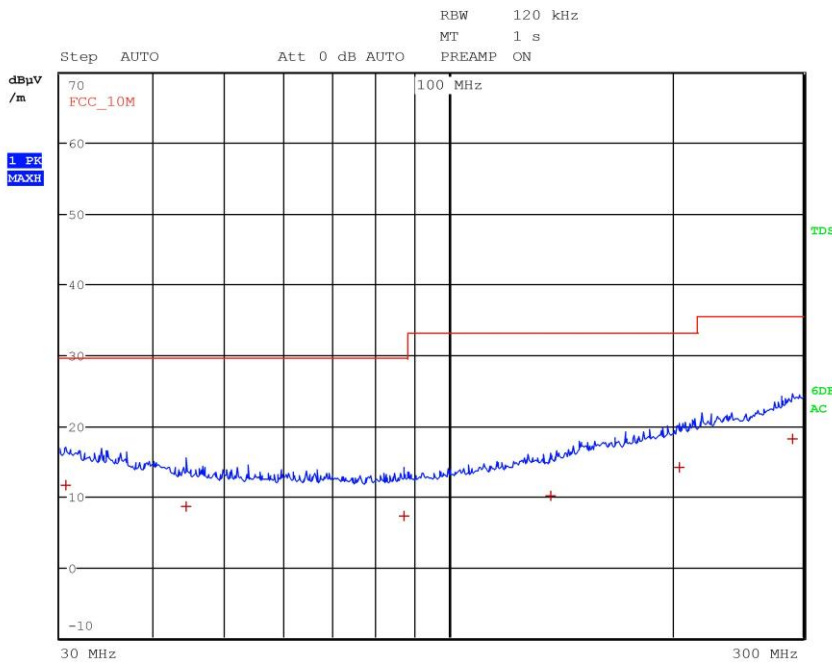
Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	30.440000000 MHz	11.65	Quasi Peak	-17.89
1	46.200000000 MHz	8.45	Quasi Peak	-21.09
1	64.760000000 MHz	7.57	Quasi Peak	-21.97
1	108.000000000 MHz	13.09	Quasi Peak	-19.97
1	204.040000000 MHz	14.81	Quasi Peak	-18.25
1	285.640000000 MHz	18.02	Quasi Peak	-17.54

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G16197505

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx-Fmid
Operator Gandini 16197505
Test Spec
 Horiz



Final Measurement

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

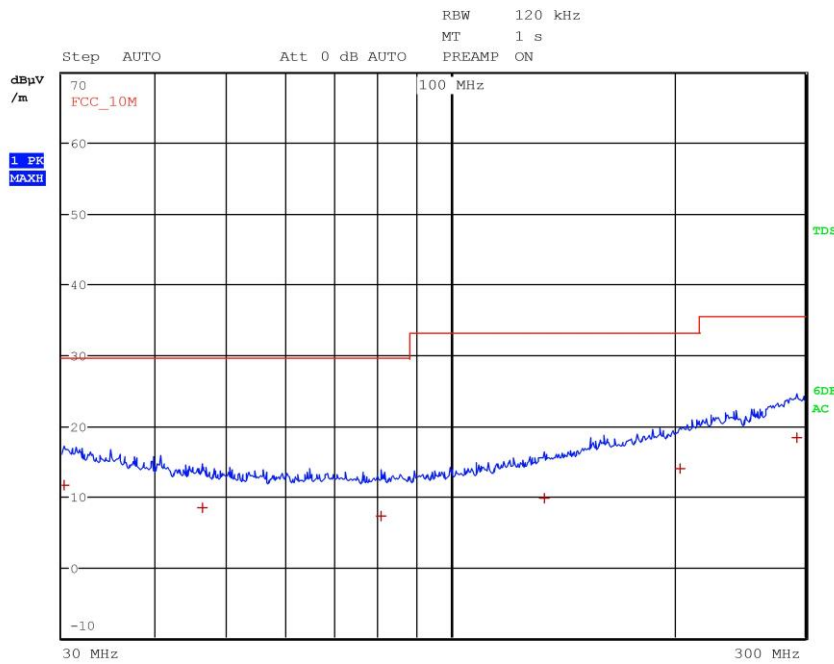
Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	30.560000000 MHz	11.58	Quasi Peak	-17.96
1	44.240000000 MHz	8.58	Quasi Peak	-20.96
1	87.040000000 MHz	7.30	Quasi Peak	-22.24
1	137.120000000 MHz	10.04	Quasi Peak	-23.02
1	204.280000000 MHz	14.07	Quasi Peak	-18.99
1	289.640000000 MHz	18.10	Quasi Peak	-17.46

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G16197506

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx-Fmax
Operator Gandini 16197506
Test Spec
 Horiz



Final Measurement

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

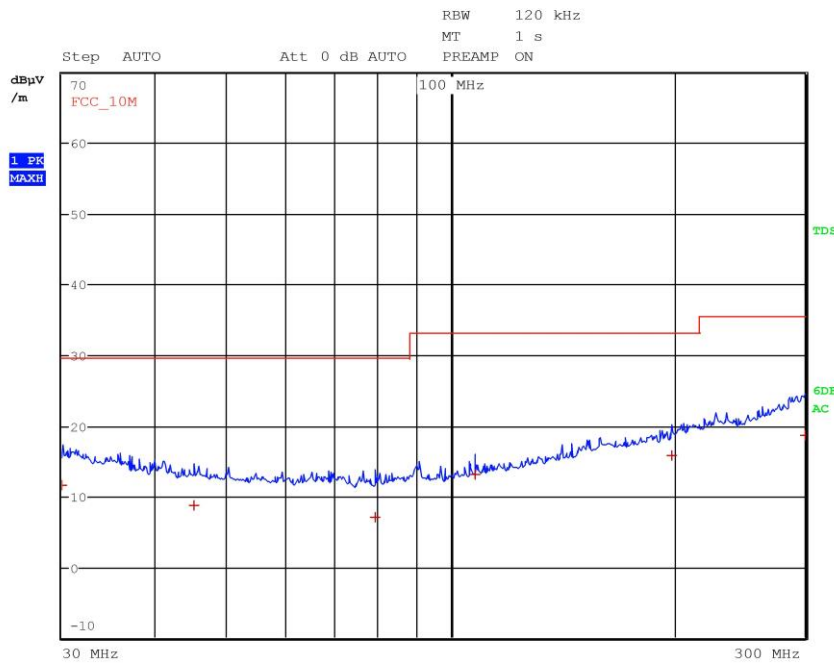
Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	30.160000000 MHz	11.65	Quasi Peak	-17.89
1	46.400000000 MHz	8.42	Quasi Peak	-21.12
1	80.720000000 MHz	7.29	Quasi Peak	-22.25
1	133.640000000 MHz	9.80	Quasi Peak	-23.26
1	203.920000000 MHz	14.02	Quasi Peak	-19.04
1	292.120000000 MHz	18.36	Quasi Peak	-17.20

CMC Centro Misure Compatibilità S.r.l.



G16197507

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx-Fmax
Operator Gandini 16197507
Test Spec
Vert



Final Measurement

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

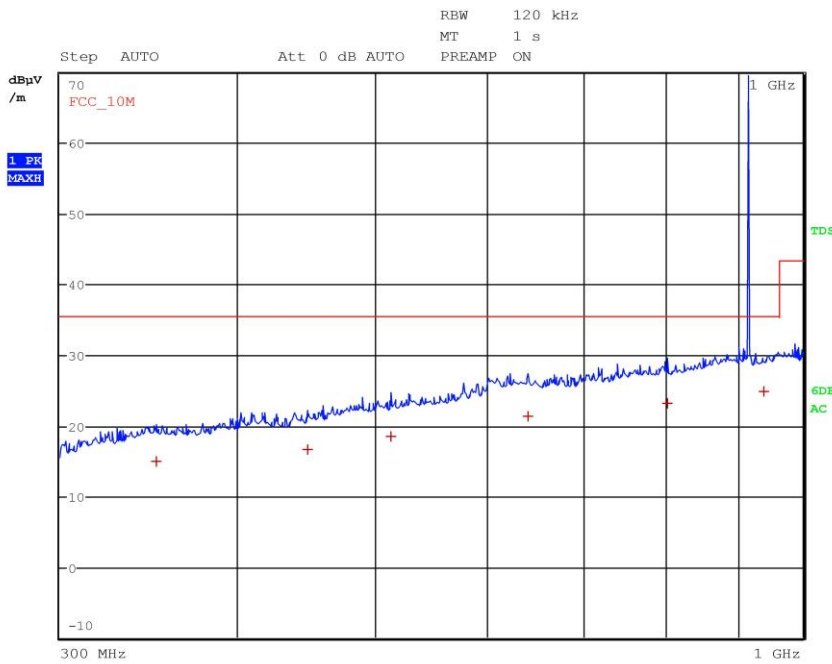
Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	30.040000000 MHz	11.63	Quasi Peak	-17.91
1	45.200000000 MHz	8.67	Quasi Peak	-20.87
1	79.200000000 MHz	7.13	Quasi Peak	-22.41
1	108.000000000 MHz	13.12	Quasi Peak	-19.94
1	198.120000000 MHz	15.84	Quasi Peak	-17.22
1	299.800000000 MHz	18.69	Quasi Peak	-16.87

CMC Centro Misure Compatibilità S.r.l.



G16197508

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx-Fmin
Operator Gandini 16197508
Test Spec
 Vert



Final Measurement

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

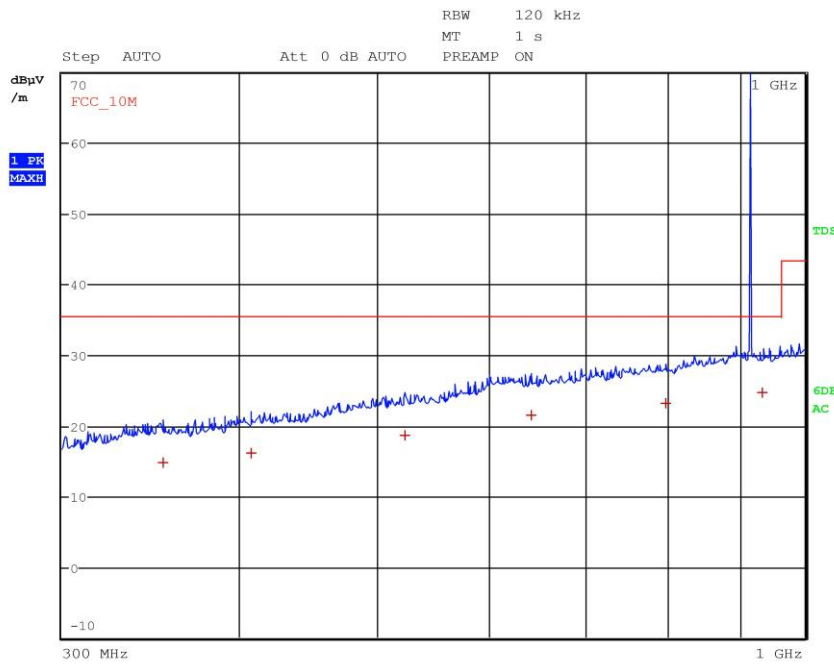
Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	350.920000000 MHz	14.98	Quasi Peak	-20.58
1	448.000000000 MHz	16.68	Quasi Peak	-18.88
1	513.200000000 MHz	18.56	Quasi Peak	-17.00
1	639.800000000 MHz	21.38	Quasi Peak	-14.18
1	802.760000000 MHz	23.26	Quasi Peak	-12.30
1	938.080000000 MHz	24.82	Quasi Peak	-10.74

CMC Centro Misure Compatibilità S.r.l.



G16197509

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx-Fmin
Operator Gandini 16197509
Test Spec
 Horiz



Final Measurement

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

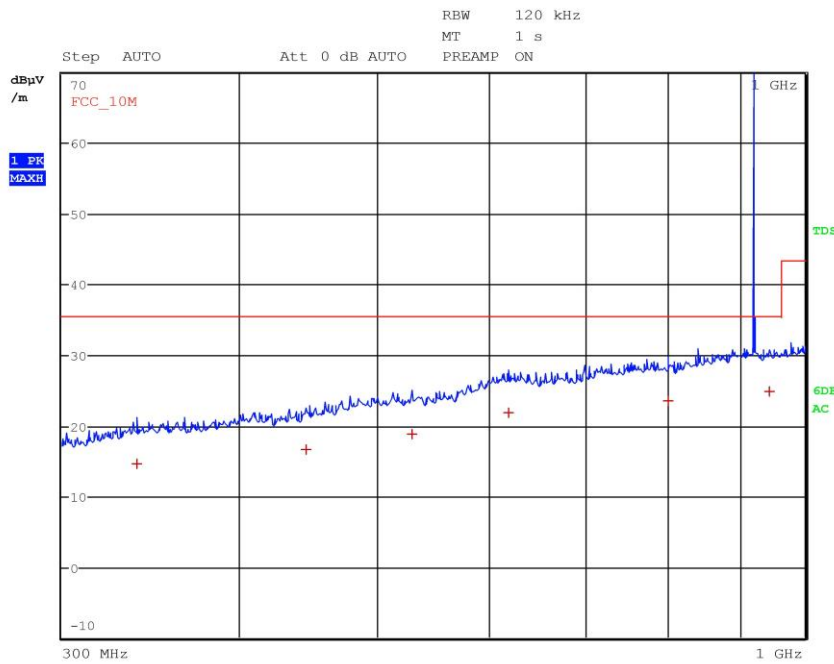
Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	353.440000000 MHz	14.81	Quasi Peak	-20.75
1	407.560000000 MHz	16.11	Quasi Peak	-19.45
1	523.360000000 MHz	18.64	Quasi Peak	-16.92
1	641.120000000 MHz	21.43	Quasi Peak	-14.13
1	798.240000000 MHz	23.26	Quasi Peak	-12.30
1	932.520000000 MHz	24.74	Quasi Peak	-10.82

CMC Centro Misure Compatibilità S.r.l.



G16197510

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx-Fmid
Operator Gandini 16197510
Test Spec
Horiz



Final Measurement

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

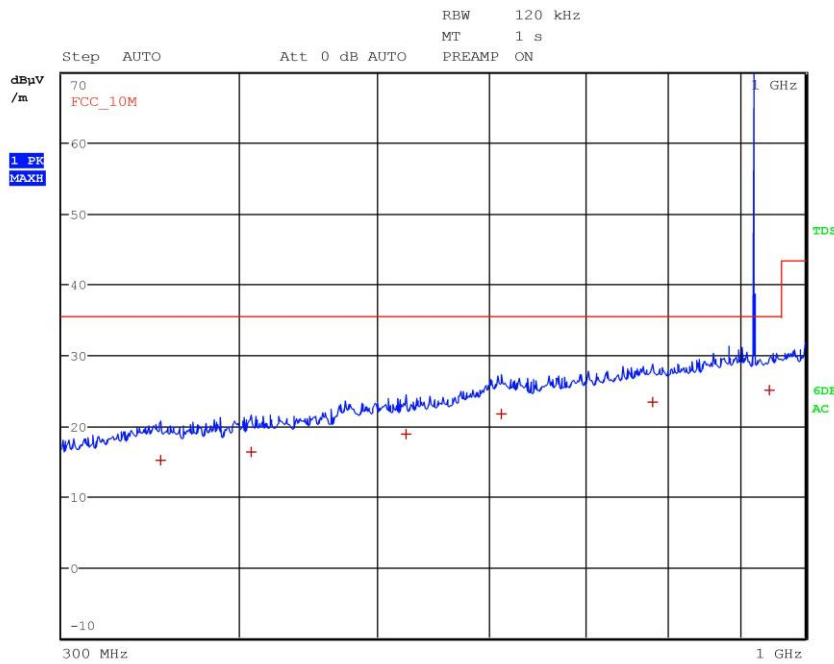
Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	339.00000000 MHz	14.68	Quasi Peak	-20.88
1	445.12000000 MHz	16.71	Quasi Peak	-18.85
1	529.20000000 MHz	18.85	Quasi Peak	-16.71
1	618.52000000 MHz	21.85	Quasi Peak	-13.71
1	800.68000000 MHz	23.49	Quasi Peak	-12.07
1	943.08000000 MHz	24.95	Quasi Peak	-10.61

CMC Centro Misure Compatibilità S.r.l.



G16197511

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx-Fmid
Operator Gandini 16197511
Test Spec
 Vert



Final Measurement

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

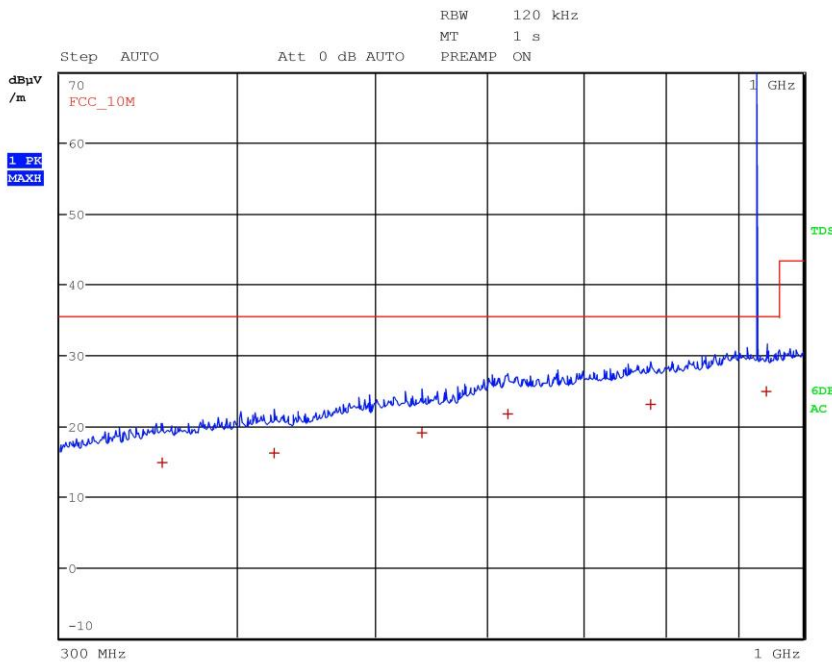
Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	352.080000000 MHz	15.12	Quasi Peak	-20.44
1	407.480000000 MHz	16.27	Quasi Peak	-19.29
1	524.120000000 MHz	18.79	Quasi Peak	-16.77
1	611.840000000 MHz	21.70	Quasi Peak	-13.86
1	781.720000000 MHz	23.31	Quasi Peak	-12.25
1	943.120000000 MHz	24.98	Quasi Peak	-10.58

CMC Centro Misure Compatibilità S.r.l.



G16197512

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx-Fmax
Operator Gandini 16197512
Test Spec
 Vert



Final Measurement

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

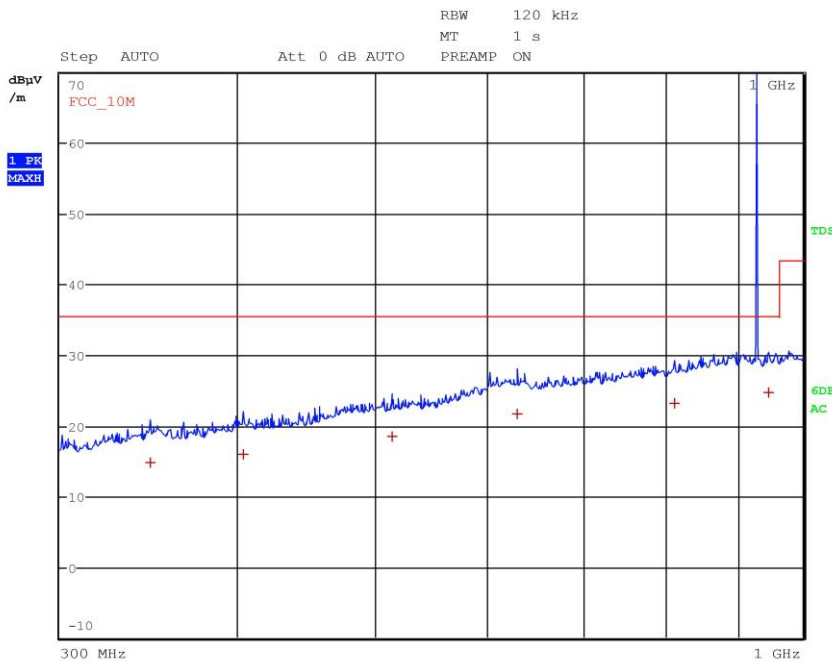
Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	353.960000000 MHz	14.78	Quasi Peak	-20.78
1	424.480000000 MHz	16.21	Quasi Peak	-19.35
1	539.760000000 MHz	18.97	Quasi Peak	-16.59
1	619.360000000 MHz	21.62	Quasi Peak	-13.94
1	780.920000000 MHz	23.09	Quasi Peak	-12.47
1	942.280000000 MHz	24.81	Quasi Peak	-10.75

CMC Centro Misure Compatibilità S.r.l.



G16197513

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition Tx-Fmax
Operator Gandini 16197513
Test Spec
 Horiz



Final Measurement

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

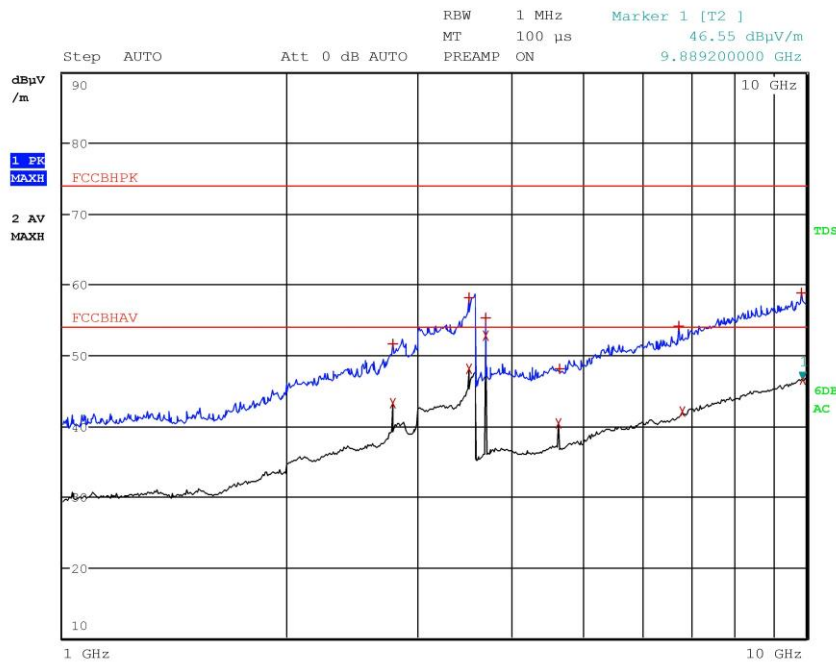
Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	347.440000000 MHz	14.72	Quasi Peak	-20.84
1	403.680000000 MHz	16.00	Quasi Peak	-19.56
1	514.240000000 MHz	18.43	Quasi Peak	-17.13
1	629.840000000 MHz	21.61	Quasi Peak	-13.95
1	812.400000000 MHz	23.26	Quasi Peak	-12.30
1	945.400000000 MHz	24.70	Quasi Peak	-10.86

CMC Centro Misure Compatibilità S.r.l.



G16197529

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197529
Test Spec



CMC Centro Misure Compatibilità S.r.l.



Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197529
Test Spec

Final Measurement

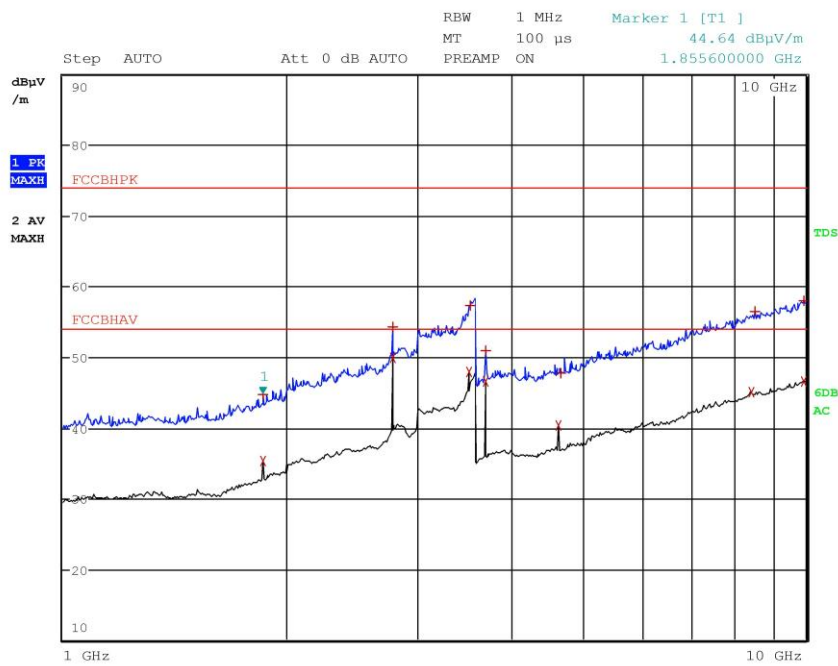
Meas Time: 1 s
 Margin: 6 dB
 Subranges: 16

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	40.840000000 MHz	32.66	Quasi Peak	2.66
1	84.960000000 MHz	31.49	Quasi Peak	1.49
1	98.520000000 MHz	29.91	Quasi Peak	-0.09
1	145.320000000 MHz	26.93	Quasi Peak	-3.07
2	2.783200000 GHz	43.12	Average	
1	2.783200000 GHz	51.55	Max Peak	
2	3.519600000 GHz	48.02	Average	
1	3.519600000 GHz	58.23	Max Peak	
1	3.710800000 GHz	55.34	Max Peak	
2	3.711200000 GHz	52.78	Average	
2	4.638800000 GHz	40.30	Average	
1	4.650400000 GHz	48.11	Max Peak	
1	6.736800000 GHz	54.13	Max Peak	
2	6.821200000 GHz	41.96	Average	
1	9.859600000 GHz	58.81	Max Peak	
2	9.889200000 GHz	46.55	Average	



G16197532

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197532
Test Spec



CMC Centro Misure Compatibilità S.r.l.



Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197532
Test Spec

Final Measurement

Meas Time: 1 s
 Margin: 6 dB
 Subranges: 14

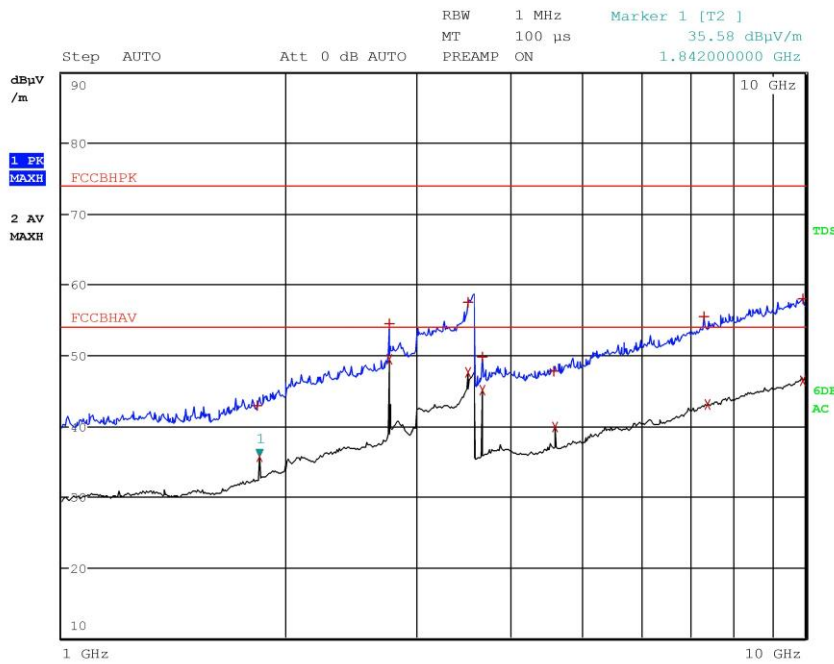
Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
2	1.855600000 GHz	35.25	Average	-18.75
1	1.855600000 GHz	44.64	Max Peak	-29.36
2	2.783200000 GHz	49.87	Average	-4.13
1	2.783200000 GHz	54.21	Max Peak	-19.79
2	3.519600000 GHz	47.90	Average	-6.10
1	3.536800000 GHz	57.26	Max Peak	-16.74
1	3.710800000 GHz	51.00	Max Peak	-23.00
2	3.711200000 GHz	46.62	Average	-7.38
2	4.638800000 GHz	40.36	Average	-13.64
1	4.670800000 GHz	47.72	Max Peak	-26.28
2	8.432800000 GHz	45.02	Average	-8.98
1	8.525200000 GHz	56.53	Max Peak	-17.47
1	9.926000000 GHz	57.92	Max Peak	-16.08
2	9.927200000 GHz	46.47	Average	-7.53

CMC Centro Misure Compatibilità S.r.l.



G16197533

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197533
Test Spec



CMC Centro Misure Compatibilità S.r.l.



Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197533
Test Spec

Final Measurement

Meas Time: 1 s
 Margin: 6 dB
 Subranges: 14

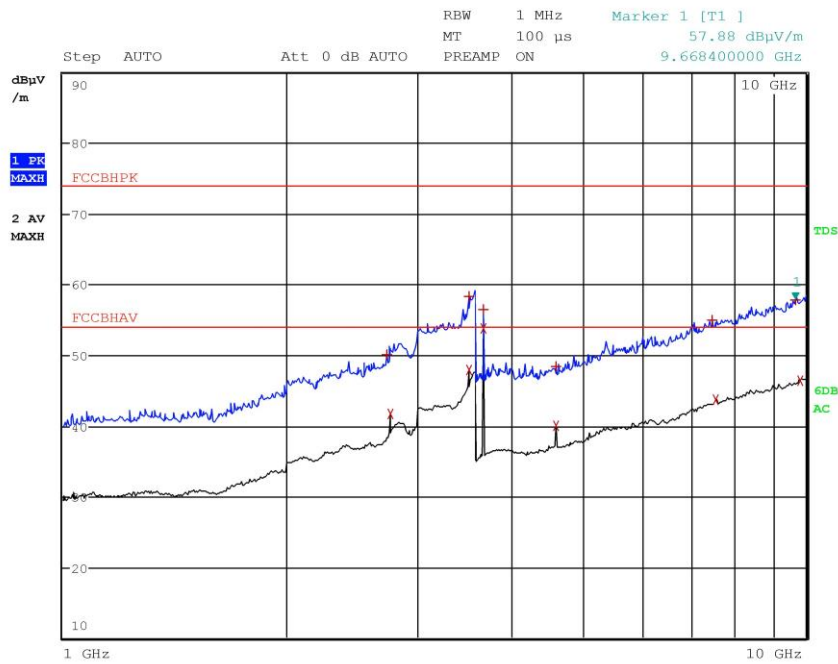
Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	1.830000000 GHz	42.91	Max Peak	-31.09
2	1.842000000 GHz	35.58	Average	-18.42
1	2.762800000 GHz	54.42	Max Peak	-19.58
2	2.762800000 GHz	49.35	Average	-4.65
1	3.519600000 GHz	57.48	Max Peak	-16.52
2	3.519600000 GHz	47.64	Average	-6.36
2	3.684000000 GHz	45.12	Average	-8.88
1	3.684000000 GHz	49.74	Max Peak	-24.26
1	4.592800000 GHz	47.73	Max Peak	-26.27
2	4.605200000 GHz	39.90	Average	-14.10
1	7.303600000 GHz	55.52	Max Peak	-18.48
2	7.378400000 GHz	43.03	Average	-10.97
2	9.920000000 GHz	46.47	Average	-7.53
1	9.931600000 GHz	57.94	Max Peak	-16.06

CMC Centro Misure Compatibilità S.r.l.



G16197534

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197534
Test Spec



CMC Centro Misure Compatibilità S.r.l.



Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197534
Test Spec

Final Measurement

Meas Time: 1 s
 Margin: 6 dB
 Subranges: 12

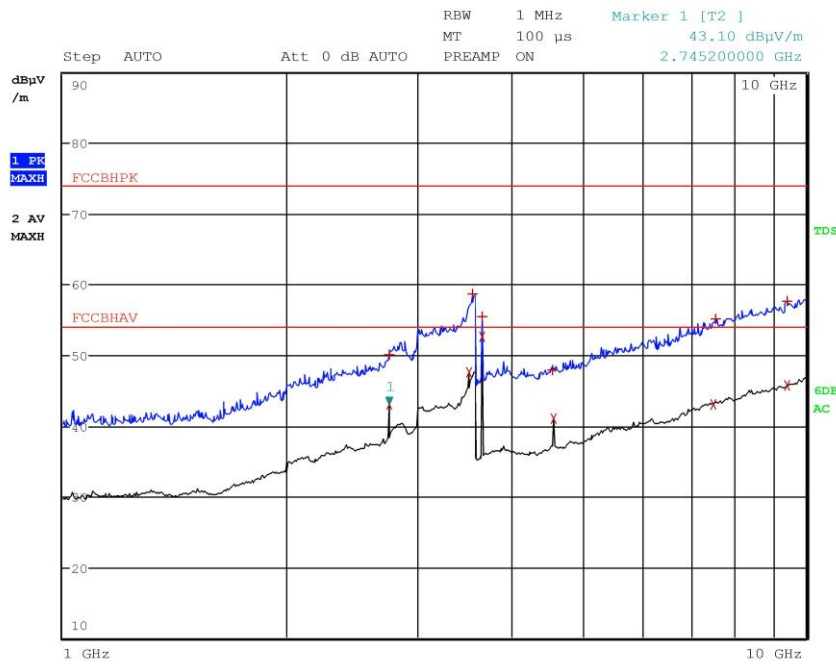
Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	2.728400000 GHz	50.06	Max Peak	-23.94
2	2.763200000 GHz	41.65	Average	-12.35
1	3.519600000 GHz	58.29	Max Peak	-15.71
2	3.519600000 GHz	47.92	Average	-6.08
1	3.684000000 GHz	56.46	Max Peak	-17.54
2	3.684000000 GHz	53.84	Average	-0.16
2	4.604800000 GHz	39.92	Average	-14.08
1	4.614000000 GHz	48.47	Max Peak	-25.53
1	7.464000000 GHz	54.93	Max Peak	-19.07
2	7.550800000 GHz	43.74	Average	-10.26
1	9.668400000 GHz	57.88	Max Peak	-16.12
2	9.829600000 GHz	46.44	Average	-7.56

CMC Centro Misure Compatibilità S.r.l.



G16197535

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197535
Test Spec





Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197535
Test Spec

Final Measurement

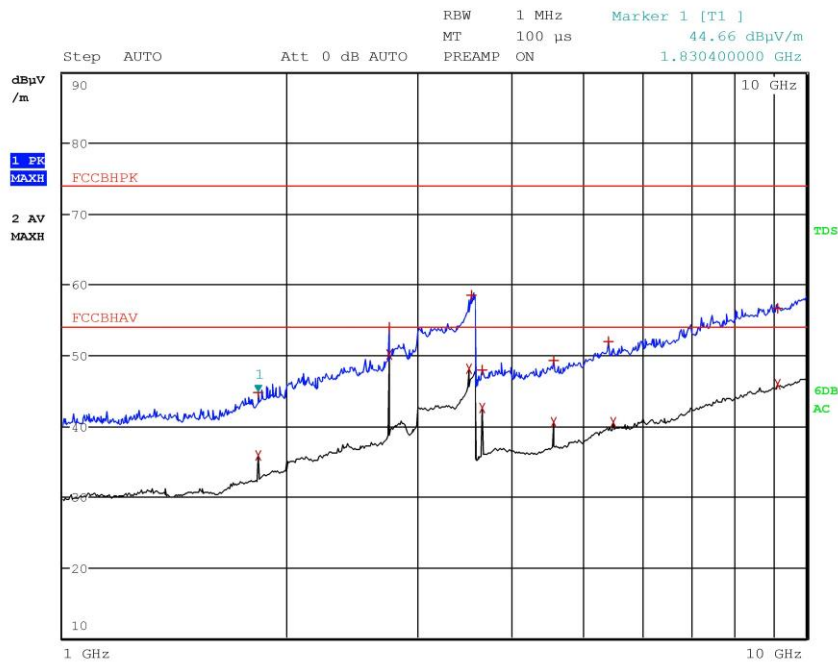
Meas Time: 1 s
 Margin: 6 dB
 Subranges: 12

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
2	2.745200000 GHz	43.10	Average	-10.90
1	2.748800000 GHz	50.02	Max Peak	-23.98
2	3.519600000 GHz	47.49	Average	-6.51
1	3.559600000 GHz	58.59	Max Peak	-15.41
1	3.660400000 GHz	55.46	Max Peak	-18.54
2	3.660400000 GHz	52.68	Average	-1.32
1	4.555600000 GHz	47.93	Max Peak	-26.07
2	4.575200000 GHz	40.92	Average	-13.08
2	7.505200000 GHz	43.06	Average	-10.94
1	7.555600000 GHz	55.18	Max Peak	-18.82
1	9.426000000 GHz	57.72	Max Peak	-16.28
2	9.436000000 GHz	45.73	Average	-8.27



G16197536

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197536
Test Spec



CMC Centro Misure Compatibilità S.r.l.



Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197536
Test Spec

Final Measurement

Meas Time: 1 s
 Margin: 6 dB
 Subranges: 14

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
2	1.830000000 GHz	35.74	Average	-18.26
1	1.830400000 GHz	44.66	Max Peak	-29.34
2	2.745200000 GHz	50.05	Average	-3.95
1	2.745200000 GHz	54.02	Max Peak	-19.98
2	3.519600000 GHz	48.14	Average	-5.86
1	3.541600000 GHz	58.51	Max Peak	-15.49
1	3.660400000 GHz	47.97	Max Peak	-26.03
2	3.660400000 GHz	42.47	Average	-11.53
1	4.575200000 GHz	49.16	Max Peak	-24.84
2	4.575200000 GHz	40.44	Average	-13.56
1	5.415600000 GHz	51.89	Max Peak	-22.11
2	5.490400000 GHz	40.58	Average	-13.42
2	9.161200000 GHz	45.84	Average	-8.16
1	9.166800000 GHz	56.58	Max Peak	-17.42

Result: The requirements are met

CMC Centro Misure Compatibilità S.r.l.



11.3 Peak Output Power

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.209 and Part 15.249
- Internal procedure PM001
- See clause 4 of this test report

Test configuration and test method

Test site:
Semi-anechoic chamber

Auxiliary equipment:
See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test equipment used

CMC S108, CMC S136, CMC S164
Measurement uncertainty: See clause 7 of this test report

Test specification

Port: Enclosure
Antenna polarization: Horizontal (H) – Vertical (V)
EUT – Antenna distance: 3 m

Environmental conditions

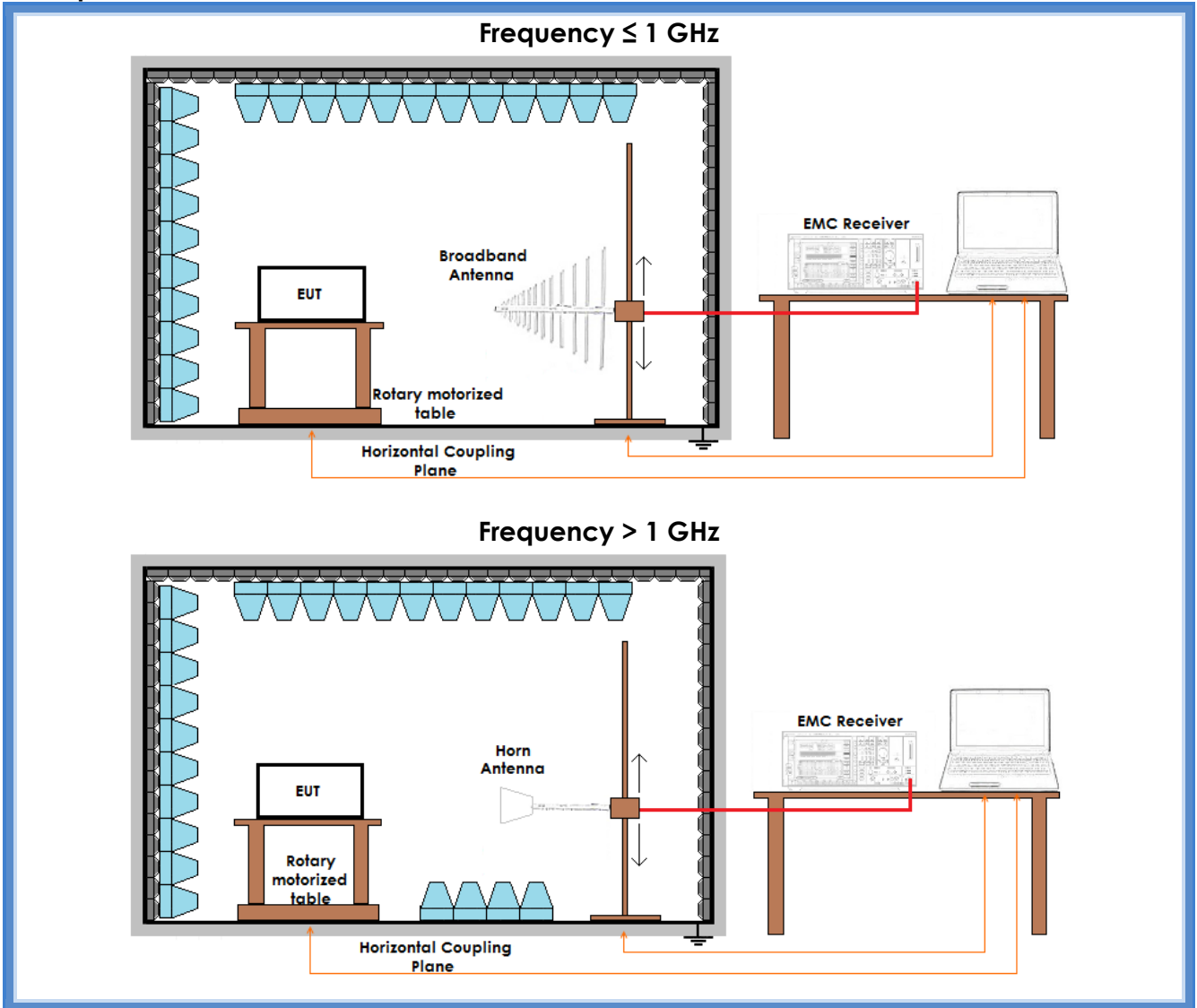
Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
21	100	42

Acceptance limits

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

Frequency range (MHz)	RF Power Output dB(μV/m)
2400 – 2483,5	94

Setup



Result

Frequency (MHz)	Polarization	Graphs	Measured QP level (dB μ V/m)	Peak Output Power (mW)	Remarks
915,05	Worst case	G16197514	92,31	0,511	--
921,00	Worst case	G16197520	93,08	0,610	--
927,75	Worst case	G16197525	93,47	0,667	--

Remarks

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

Where:

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

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

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

P = the power in watts



CMC
 Centro Misure Compatibilità S.r.l.
 Via della Fisica, 20
 36016 Thiene (VI)

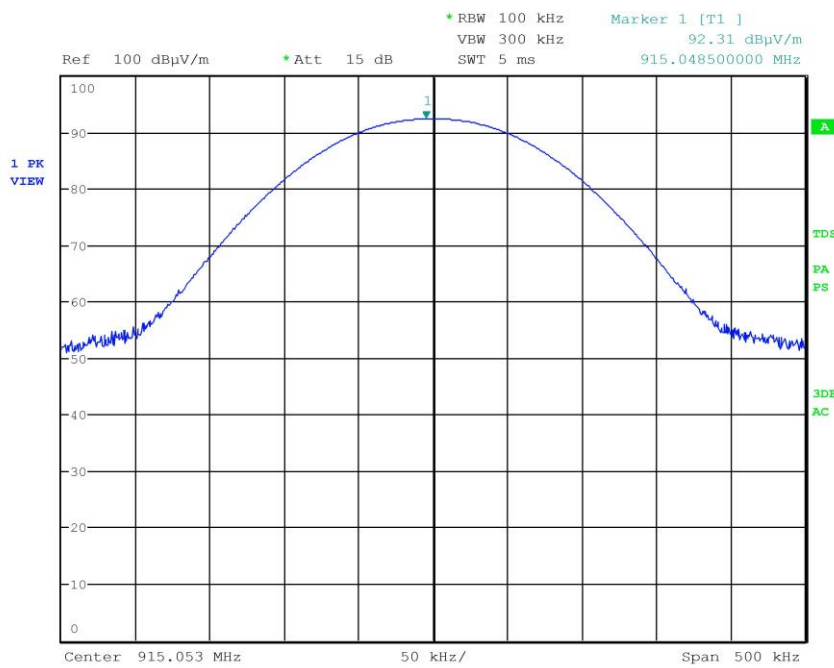


LAB N° 0168

Graphs

G16197514

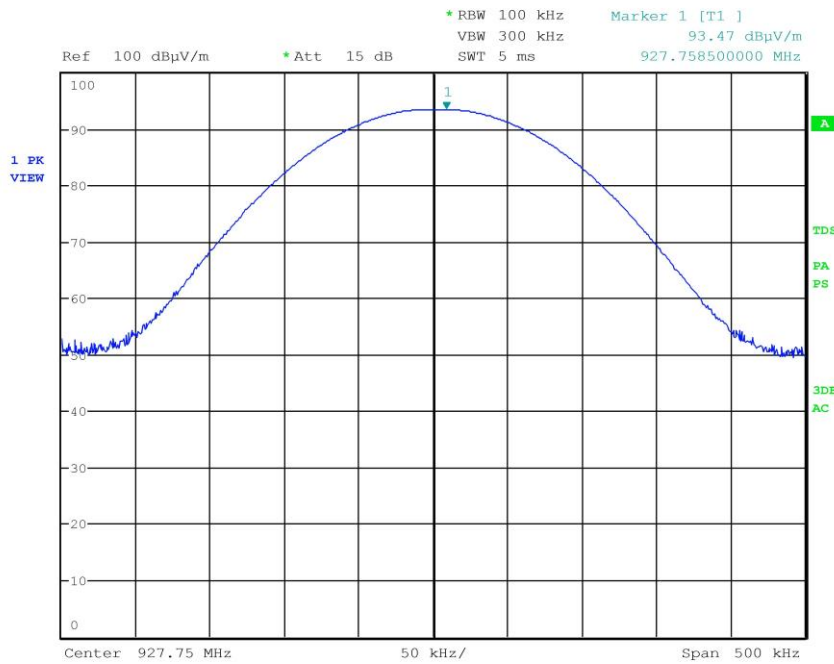
Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197514
Test Spec





G16197525

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197525
Test Spec



Result: The requirements are met

CMC Centro Misure Compatibilità S.r.l.



11.4 Band edge

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.249 (d)
- Internal procedure PM001
- See clause 4 of this test report

Test configuration and test method

Test site:
Laboratory

Auxiliary equipment:
See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test equipment used

CMC S108, CMC S136, CMC S164
Measurement uncertainty: See clause 7 of this test report

Test specification

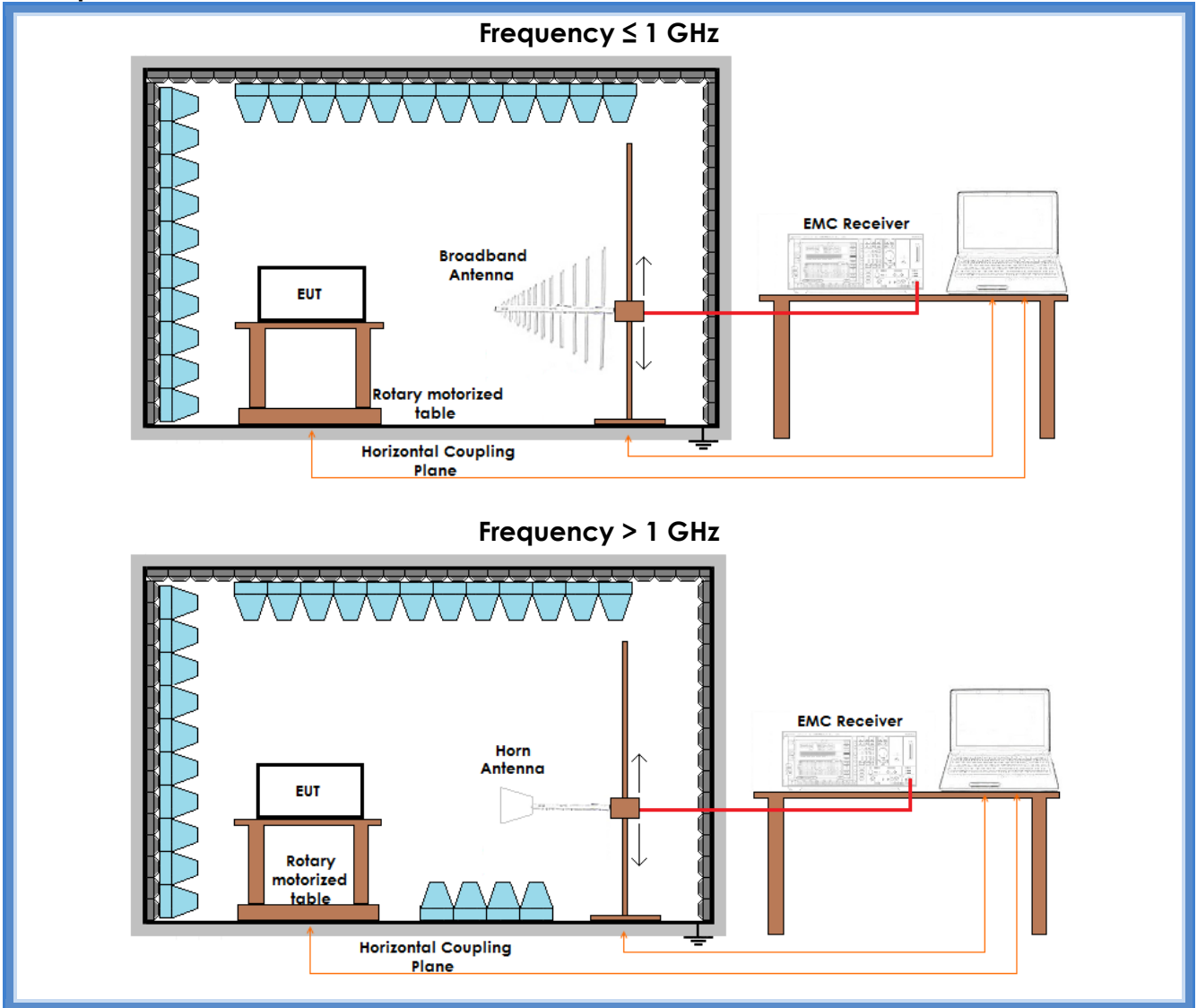
Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in § 15.209, whichever is the lesser attenuation

Environmental conditions

Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
22	100	42

Acceptance limits: operation within the band 902 – 928 MHz

Setup



Result

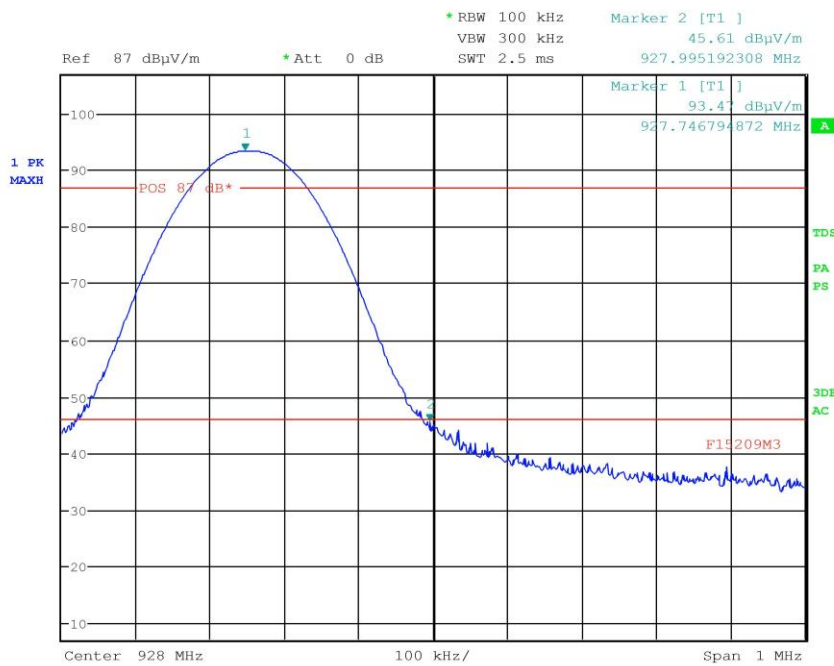
Frequency (MHz)	Graph(s)	Results	
915,05	G16197539	F _L : 914,80685 MHz	Complies
	G16197540		
927,75	G16197537	F _H : 927,99519 MHz	Complies
	G16197538		



Graphs

G16197537

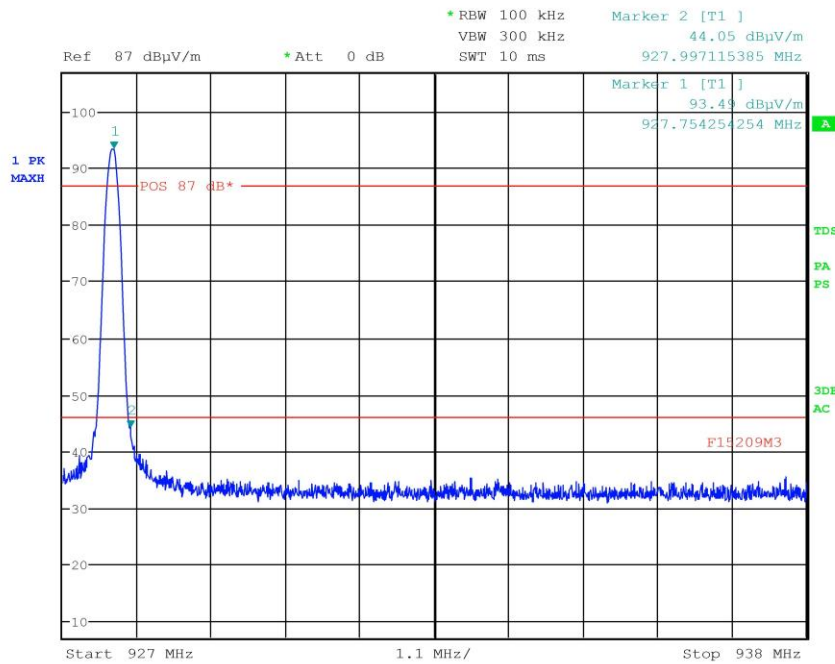
Meas Type Emission
 Equipment under Test
 Manufacturer
 OP Condition
 Operator Gandini 16197537
 Test Spec





G16197538

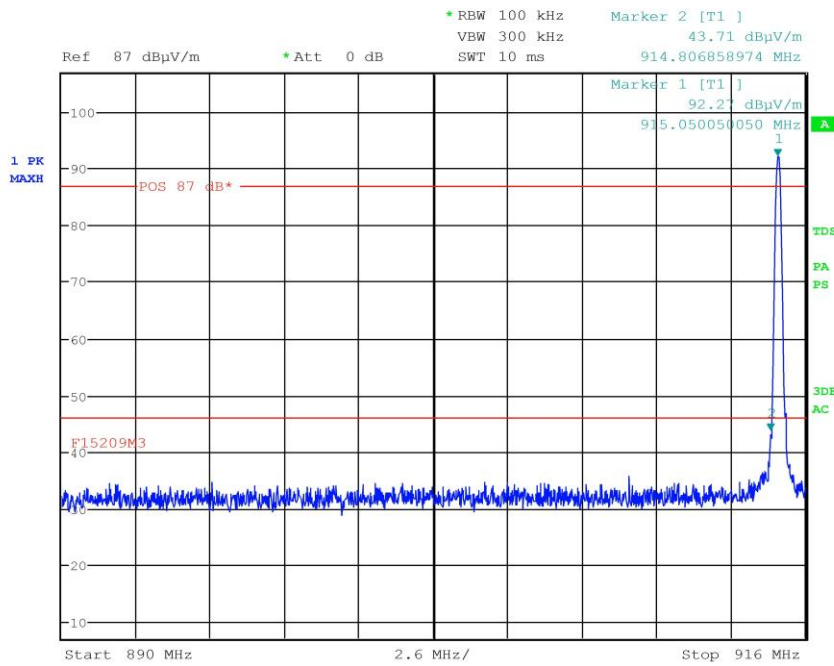
Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Gandini 16197538
Test Spec





G16197540

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Gandini 16197540
Test Spec



Result: The requirements are met

CMC Centro Misure Compatibilità S.r.l.



11.5 Spurious Emission

Test set-up and execution

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

Test configuration and test method

Test site:
Semi-anechoic chamber

Auxiliary equipment:
See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test equipment used

CMC S108, CMC S136, CMC S164
Measurement uncertainty: See clause 7 of this test report

Test specification

Port: Enclosure
Antenna polarization: Horizontal (H) – Vertical (V)
EUT – Antenna distance: 3 m
Detector AV + Peak

Environmental conditions

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

Acceptance limits

Acceptance limits for emissions in restricted frequency bands		
Frequency (MHz)	AV limits [dB(μV/m)]	Peak limits [dB(μV/m)]
> 1000	54	74



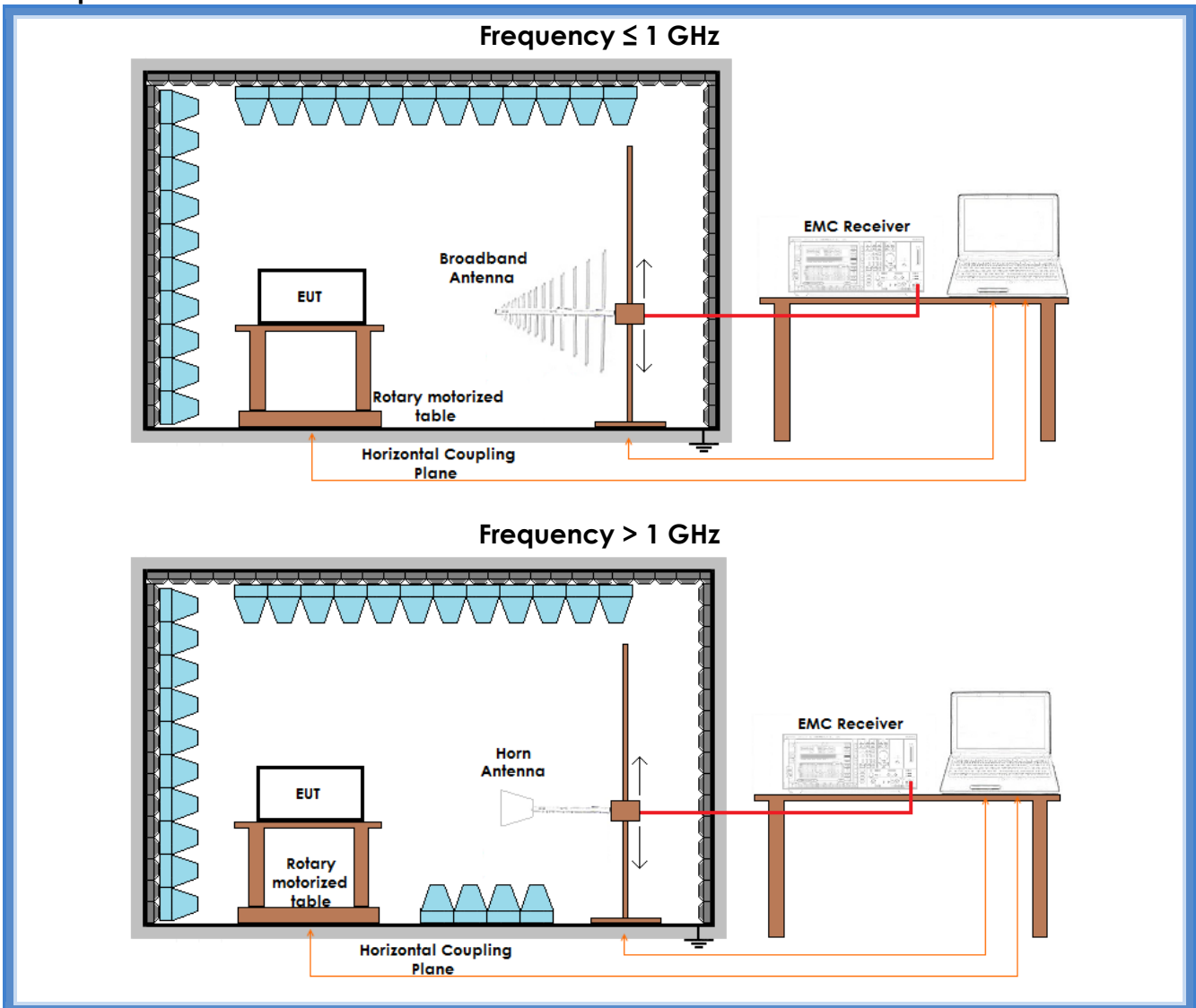
The restricted frequency bands are listed in the following table

MHz	MHz	MHz	GHz
0,090 – 0,110	16,42 – 16,423	399,9 – 410	4,5 – 5,15
0,495 – 0,505	16,69475 – 16,69525	608 – 614	5,35 – 5,46
2,1735 – 2,1905	16,80425 – 16,80475	960 – 1240	7,25 – 7,75
4,125 – 4,128	25,5 – 25,67	1300 – 1427	8,025 – 8,5
4,17725 – 4,17775	37,5 – 38,25	1435 – 1626,5	9,0 – 9,2
4,20725 – 4,20775	73 – 74,6	1645,5 – 1646,5	9,3 – 9,5
6,215 – 6,218	74,8 – 75,2	1660 – 1710	10,6 – 12,7
6,26775 – 6,26825	108 – 121,94	1718,8 – 1722,2	13,25 – 13,4
6,31175 – 6,31225	123 – 138	2200 – 2300	14,47 – 14,5
8,291 – 8,294	149,9 – 150,05	2310 – 2390	15,35 – 16,2
8,362 – 8,366	156,52475 – 156,52525	2483,5 – 2500	17,7 – 21,4
8,37625 – 8,38675	156,7 – 156,9	2690 – 2900	22,01 – 23,12
8,41425 – 8,41475	162,0125 – 167,17	3260 – 3267	23,6 – 24,0
12,29 – 12,293	167,72 – 173,2	3332 – 3339	31,2 – 31,8
12,51975 – 12,52025	240 – 285	3345,8 – 3358	36,43 – 36,5
12,57675 – 12,57725	322 – 335,4	3600 – 4400	Above 38,6
13,36 – 13,41			

Acceptance limits for emissions in non-restricted frequency bands

In any 100 kHz 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 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.

Setup



Graphs:

G16197529, G16197530, G16197531, G16197532,
G16197533, G16197534, G16197535, G16197536



Result – AV detector

Harmonic	Limits (dB μ V/m)	Level (dB μ V/m)			Results
		915,050 MHz	921,000 MHz	927,750 MHz	
II	54	35,74	35,58	More than 20 dB below limit	Complies
III	54	50,05	49,35	43,12	Complies
IV	54	52,68	53,84	52,78	Complies
V	54	40,92	39,92	40,30	Complies
VI	54	40,58	More than 20 dB below limit	More than 20 dB below limit	Complies
VII	54	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
VIII	54	More than 20 dB below limit	43,03	More than 20 dB below limit	Complies
IX	54	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
X	54	45,84	More than 20 dB below limit	More than 20 dB below limit	Complies

Remarks: EUT was tested in 3 orthogonal planes. The results in this table show the highest values

Result – Peak detector

Harmonic	Limits (dB μ V/m)	Level (dB μ V/m)			Results
		915,050 MHz	921,000 MHz	927,750 MHz	
II	74	44,66	42,91	More than 20 dB below limit	Complies
III	74	54,02	54,42	51,55	Complies
IV	74	55,46	56,46	55,34	Complies
V	74	49,16	48,47	48,11	Complies
VI	74	51,89	More than 20 dB below limit	More than 20 dB below limit	Complies
VII	74	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
VIII	74	More than 20 dB below limit	55,52	More than 20 dB below limit	Complies
IX	74	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
X	74	56,58	More than 20 dB below limit	More than 20 dB below limit	Complies

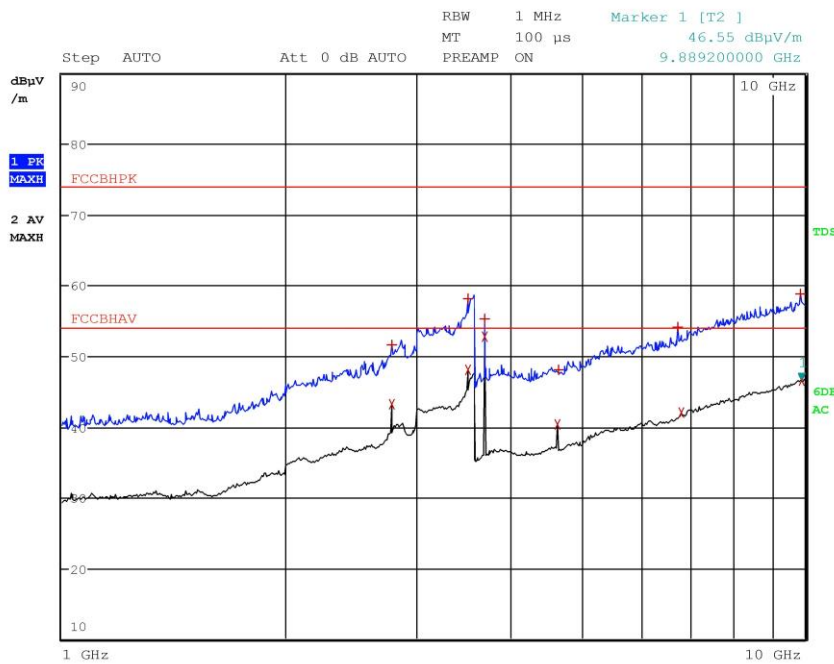
Remarks: EUT was tested in 3 orthogonal planes. The results in this table show the highest values



Graphs

G16197529

Meas Type Emission
 Equipment under Test
 Manufacturer
 OP Condition
 Operator Bertezolo 16197529
 Test Spec





Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197529
Test Spec

Final Measurement

Meas Time: 1 s
 Margin: 6 dB
 Subranges: 16

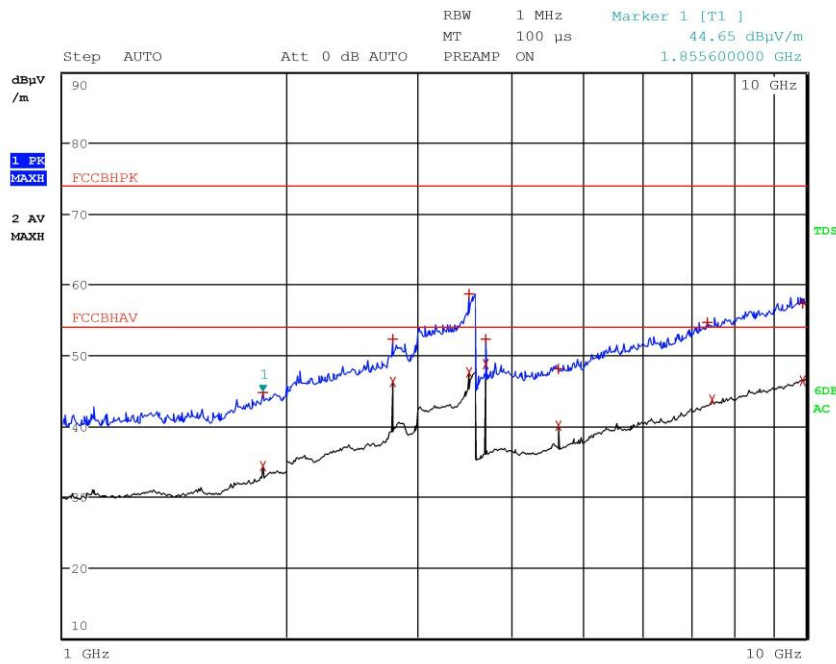
Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	40.840000000 MHz	32.66	Quasi Peak	2.66
1	84.960000000 MHz	31.49	Quasi Peak	1.49
1	98.520000000 MHz	29.91	Quasi Peak	-0.09
1	145.320000000 MHz	26.93	Quasi Peak	-3.07
2	2.783200000 GHz	43.12	Average	
1	2.783200000 GHz	51.55	Max Peak	
2	3.519600000 GHz	48.02	Average	
1	3.519600000 GHz	58.23	Max Peak	
1	3.710800000 GHz	55.34	Max Peak	
2	3.711200000 GHz	52.78	Average	
2	4.638800000 GHz	40.30	Average	
1	4.650400000 GHz	48.11	Max Peak	
1	6.736800000 GHz	54.13	Max Peak	
2	6.821200000 GHz	41.96	Average	
1	9.859600000 GHz	58.81	Max Peak	
2	9.889200000 GHz	46.55	Average	

CMC Centro Misure Compatibilità S.r.l.



G16197530

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197530
Test Spec



CMC Centro Misure Compatibilità S.r.l.



Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197530
Test Spec

Final Measurement

Meas Time: 1 s
 Margin: 6 dB
 Subranges: 14

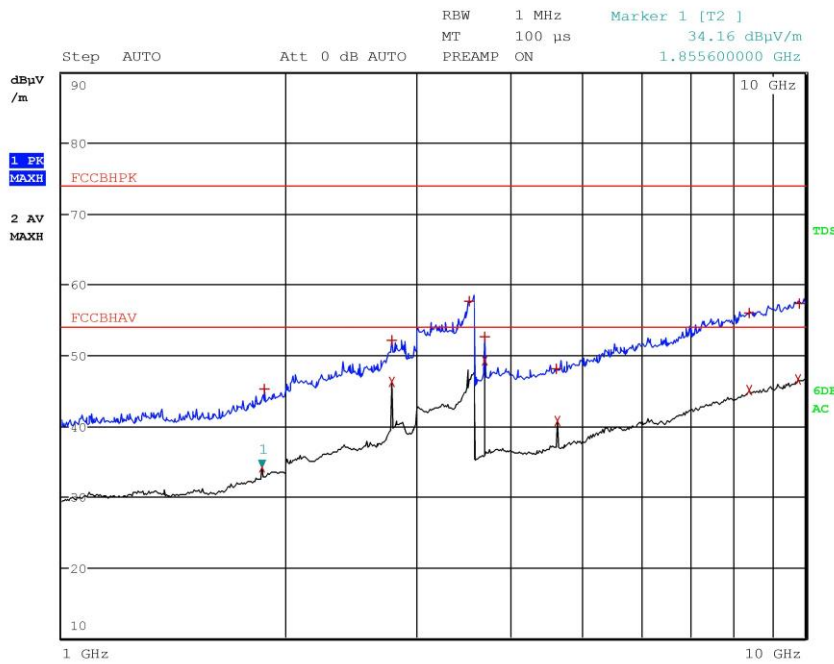
Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
2	1.855600000 GHz	34.32	Average	-19.68
1	1.855600000 GHz	44.65	Max Peak	-29.35
2	2.783200000 GHz	46.20	Average	-7.80
1	2.783200000 GHz	52.28	Max Peak	-21.72
2	3.519600000 GHz	47.49	Average	-6.51
1	3.524400000 GHz	58.63	Max Peak	-15.37
1	3.711200000 GHz	52.19	Max Peak	-21.81
2	3.711200000 GHz	48.77	Average	-5.23
2	4.638800000 GHz	39.93	Average	-14.07
1	4.641600000 GHz	48.02	Max Peak	-25.98
1	7.358000000 GHz	54.65	Max Peak	-19.35
2	7.473600000 GHz	43.66	Average	-10.34
2	9.881200000 GHz	46.41	Average	-7.59
1	9.892400000 GHz	57.25	Max Peak	-16.75

CMC Centro Misure Compatibilità S.r.l.



G16197531

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197531
Test Spec



CMC Centro Misure Compatibilità S.r.l.



Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197531
Test Spec

Final Measurement

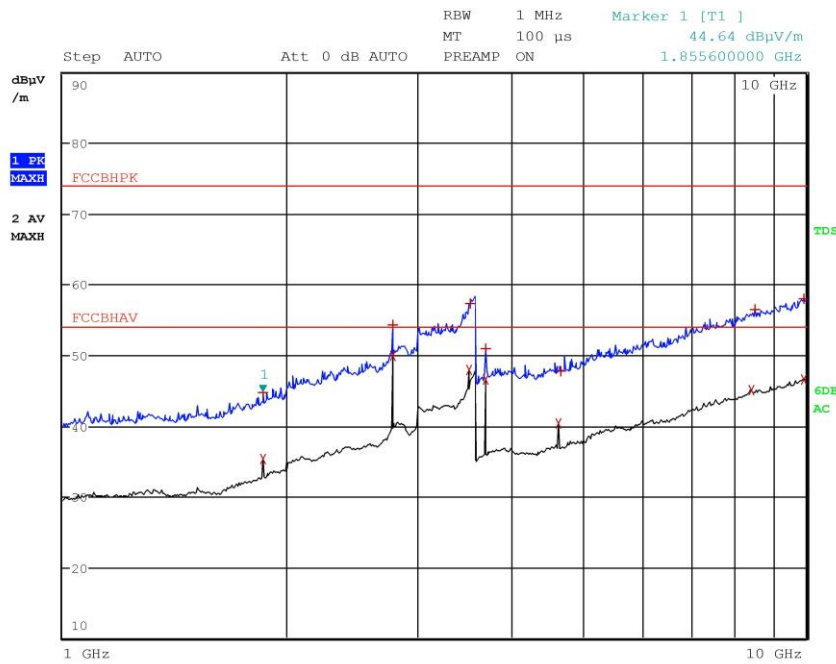
Meas Time: 1 s
 Margin: 6 dB
 Subranges: 13

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
2	1.855600000 GHz	34.16	Average	-19.84
1	1.875200000 GHz	45.18	Max Peak	-28.82
1	2.783200000 GHz	52.13	Max Peak	-21.87
2	2.783200000 GHz	46.25	Average	-7.75
1	3.537200000 GHz	57.69	Max Peak	-16.31
2	3.711200000 GHz	49.28	Average	-4.72
1	3.711200000 GHz	52.65	Max Peak	-21.35
1	4.626400000 GHz	48.07	Max Peak	-25.93
2	4.638800000 GHz	40.61	Average	-13.39
2	8.397600000 GHz	44.99	Average	-9.01
1	8.402000000 GHz	55.96	Max Peak	-18.04
2	9.794800000 GHz	46.55	Average	-7.45
1	9.813200000 GHz	57.24	Max Peak	-16.76



G16197532

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197532
Test Spec



CMC Centro Misure Compatibilità S.r.l.



Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197532
Test Spec

Final Measurement

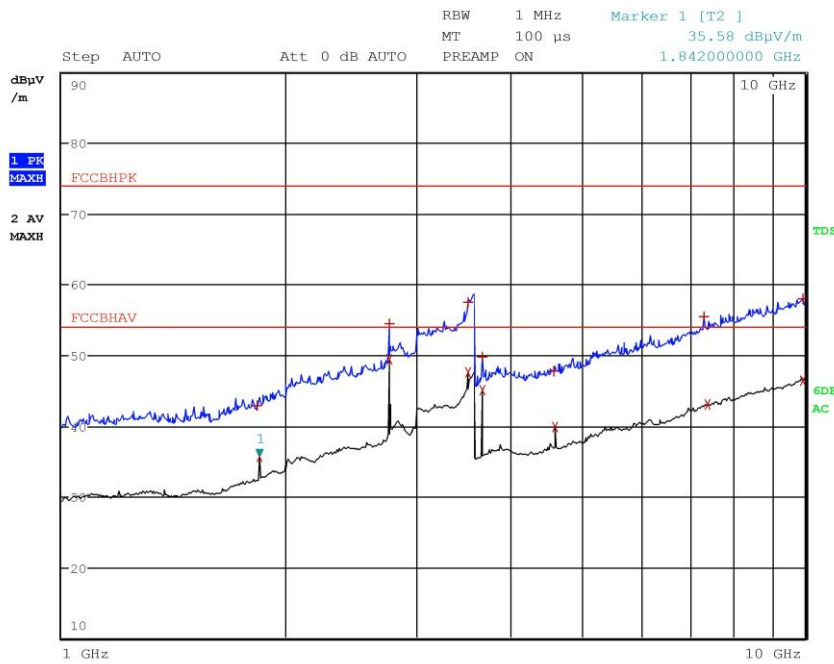
Meas Time: 1 s
 Margin: 6 dB
 Subranges: 14

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
2	1.855600000 GHz	35.25	Average	-18.75
1	1.855600000 GHz	44.64	Max Peak	-29.36
2	2.783200000 GHz	49.87	Average	-4.13
1	2.783200000 GHz	54.21	Max Peak	-19.79
2	3.519600000 GHz	47.90	Average	-6.10
1	3.536800000 GHz	57.26	Max Peak	-16.74
1	3.710800000 GHz	51.00	Max Peak	-23.00
2	3.711200000 GHz	46.62	Average	-7.38
2	4.638800000 GHz	40.36	Average	-13.64
1	4.670800000 GHz	47.72	Max Peak	-26.28
2	8.432800000 GHz	45.02	Average	-8.98
1	8.525200000 GHz	56.53	Max Peak	-17.47
1	9.926000000 GHz	57.92	Max Peak	-16.08
2	9.927200000 GHz	46.47	Average	-7.53



G16197533

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197533
Test Spec



CMC Centro Misure Compatibilità S.r.l.



Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197533
Test Spec

Final Measurement

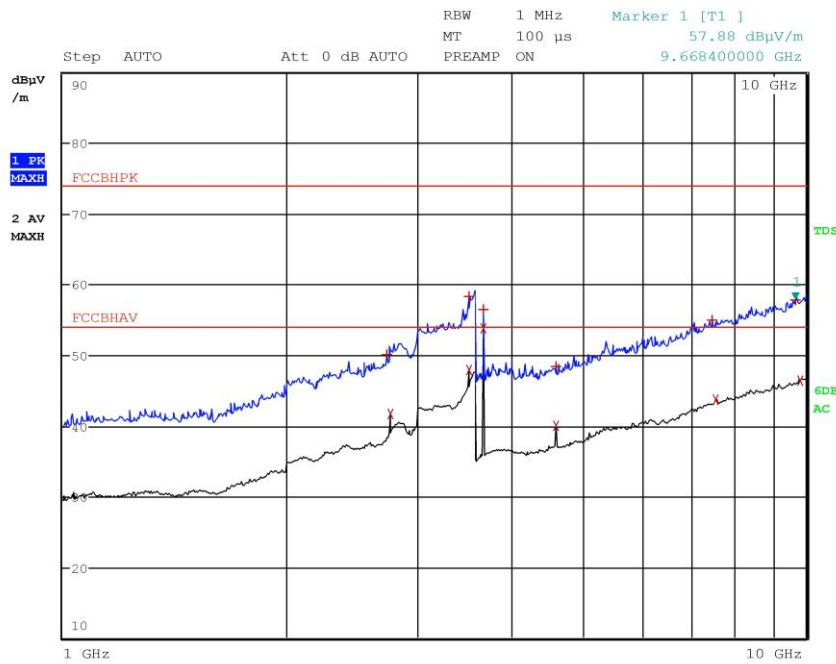
Meas Time: 1 s
 Margin: 6 dB
 Subranges: 14

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	1.830000000 GHz	42.91	Max Peak	-31.09
2	1.842000000 GHz	35.58	Average	-18.42
1	2.762800000 GHz	54.42	Max Peak	-19.58
2	2.762800000 GHz	49.35	Average	-4.65
1	3.519600000 GHz	57.48	Max Peak	-16.52
2	3.519600000 GHz	47.64	Average	-6.36
2	3.684000000 GHz	45.12	Average	-8.88
1	3.684000000 GHz	49.74	Max Peak	-24.26
1	4.592800000 GHz	47.73	Max Peak	-26.27
2	4.605200000 GHz	39.90	Average	-14.10
1	7.303600000 GHz	55.52	Max Peak	-18.48
2	7.378400000 GHz	43.03	Average	-10.97
2	9.920000000 GHz	46.47	Average	-7.53
1	9.931600000 GHz	57.94	Max Peak	-16.06



G16197534

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197534
Test Spec



CMC Centro Misure Compatibilità S.r.l.



Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197534
Test Spec

Final Measurement

Meas Time: 1 s
 Margin: 6 dB
 Subranges: 12

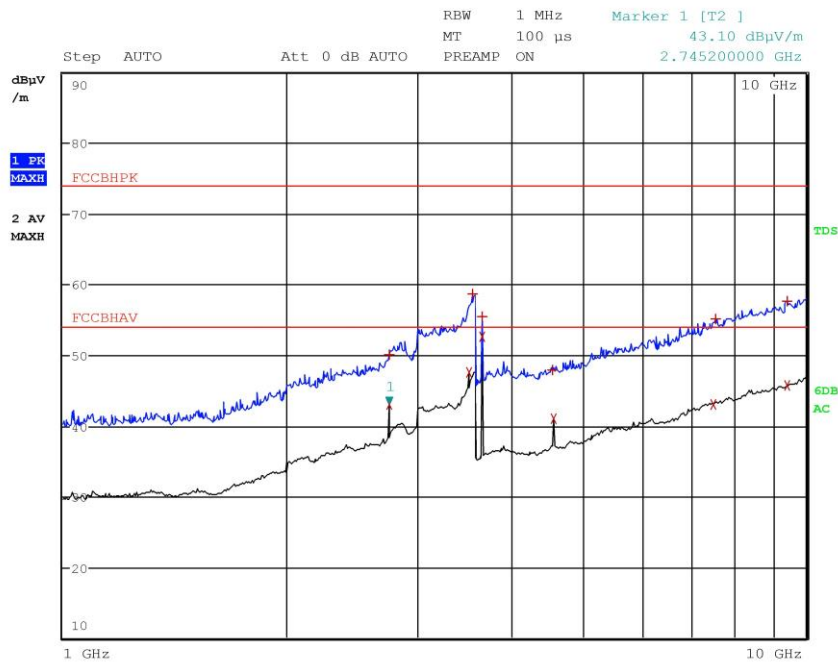
Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	2.728400000 GHz	50.06	Max Peak	-23.94
2	2.763200000 GHz	41.65	Average	-12.35
1	3.519600000 GHz	58.29	Max Peak	-15.71
2	3.519600000 GHz	47.92	Average	-6.08
1	3.684000000 GHz	56.46	Max Peak	-17.54
2	3.684000000 GHz	53.84	Average	-0.16
2	4.604800000 GHz	39.92	Average	-14.08
1	4.614000000 GHz	48.47	Max Peak	-25.53
1	7.464000000 GHz	54.93	Max Peak	-19.07
2	7.550800000 GHz	43.74	Average	-10.26
1	9.668400000 GHz	57.88	Max Peak	-16.12
2	9.829600000 GHz	46.44	Average	-7.56

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G16197535

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197535
Test Spec



CMC Centro Misure Compatibilità S.r.l.



Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197535
Test Spec

Final Measurement

Meas Time: 1 s
 Margin: 6 dB
 Subranges: 12

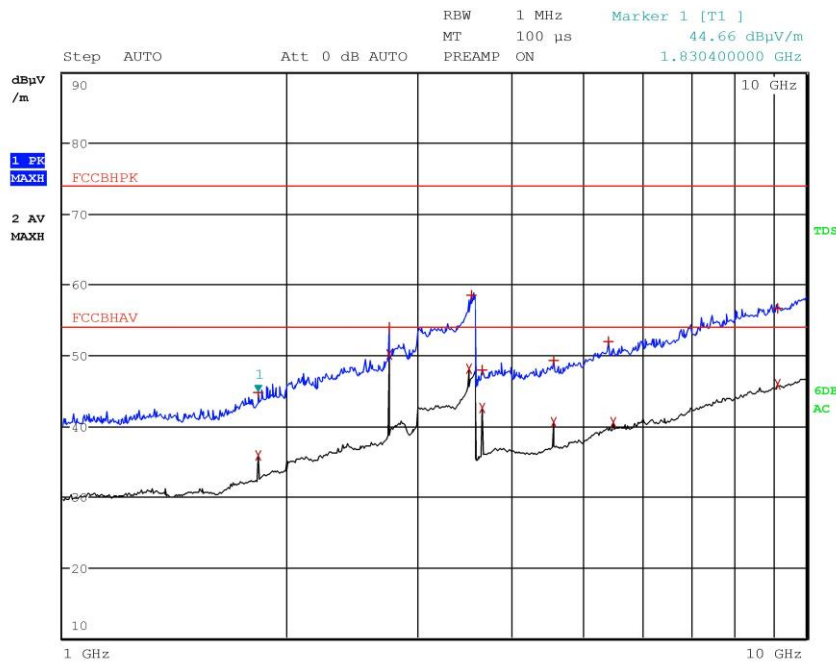
Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
2	2.745200000 GHz	43.10	Average	-10.90
1	2.748800000 GHz	50.02	Max Peak	-23.98
2	3.519600000 GHz	47.49	Average	-6.51
1	3.559600000 GHz	58.59	Max Peak	-15.41
1	3.660400000 GHz	55.46	Max Peak	-18.54
2	3.660400000 GHz	52.68	Average	-1.32
1	4.555600000 GHz	47.93	Max Peak	-26.07
2	4.575200000 GHz	40.92	Average	-13.08
2	7.505200000 GHz	43.06	Average	-10.94
1	7.555600000 GHz	55.18	Max Peak	-18.82
1	9.426000000 GHz	57.72	Max Peak	-16.28
2	9.436000000 GHz	45.73	Average	-8.27

CMC Centro Misure Compatibilità S.r.l.



G16197536

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197536
Test Spec



CMC Centro Misure Compatibilità S.r.l.



Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16197536
Test Spec

Final Measurement

Meas Time: 1 s
 Margin: 6 dB
 Subranges: 14

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
2	1.830000000 GHz	35.74	Average	-18.26
1	1.830400000 GHz	44.66	Max Peak	-29.34
2	2.745200000 GHz	50.05	Average	-3.95
1	2.745200000 GHz	54.02	Max Peak	-19.98
2	3.519600000 GHz	48.14	Average	-5.86
1	3.541600000 GHz	58.51	Max Peak	-15.49
1	3.660400000 GHz	47.97	Max Peak	-26.03
2	3.660400000 GHz	42.47	Average	-11.53
1	4.575200000 GHz	49.16	Max Peak	-24.84
2	4.575200000 GHz	40.44	Average	-13.56
1	5.415600000 GHz	51.89	Max Peak	-22.11
2	5.490400000 GHz	40.58	Average	-13.42
2	9.161200000 GHz	45.84	Average	-8.16
1	9.166800000 GHz	56.58	Max Peak	-17.42

Result: The requirements are met

CMC Centro Misure Compatibilità S.r.l.