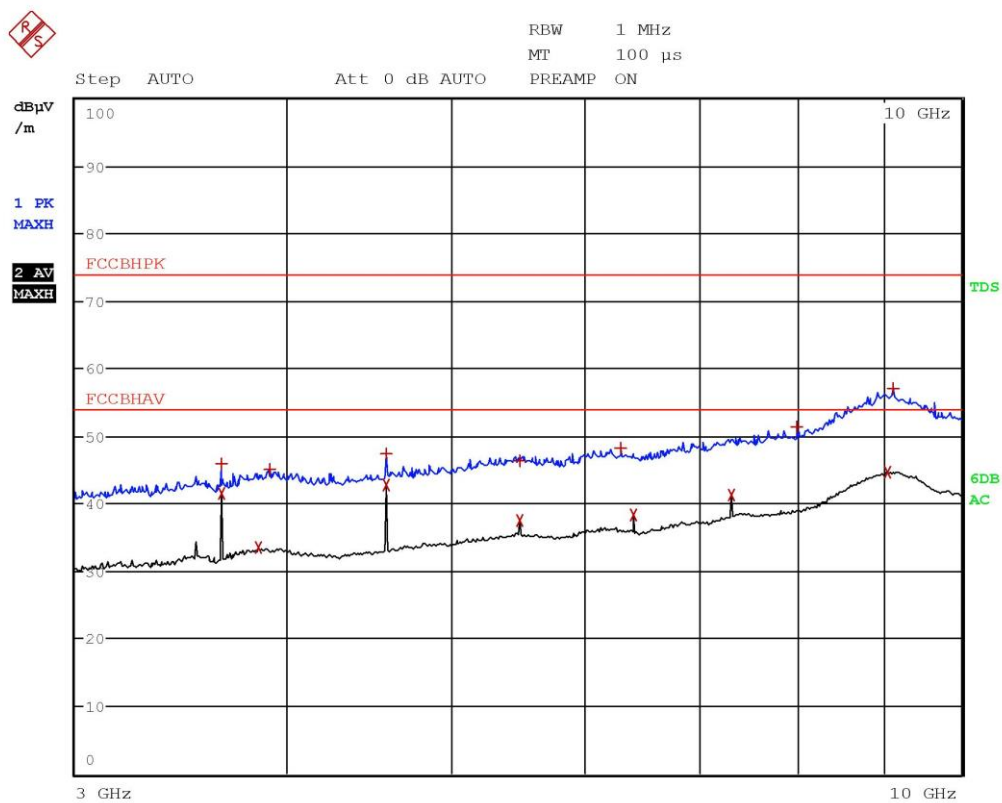




EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Max Peak	1.1148 GHz	44.98	-28.99
2 Average	1.1148 GHz	33.55	-20.43
2 Average	1.318 GHz	34.20	-19.77
1 Max Peak	1.3448 GHz	45.93	-28.05
1 Max Peak	1.716 GHz	47.19	-26.79
2 Average	1.718 GHz	35.87	-18.10
1 Max Peak	1.83 GHz	51.87	-22.10
2 Average	1.83 GHz	47.74	-6.23
2 Average	2.4028 GHz	41.30	-12.67
1 Max Peak	2.4076 GHz	53.25	-20.72
1 Max Peak	2.7516 GHz	57.17	-16.80
2 Average	2.7516 GHz	46.34	-7.63

Gandini 19053421

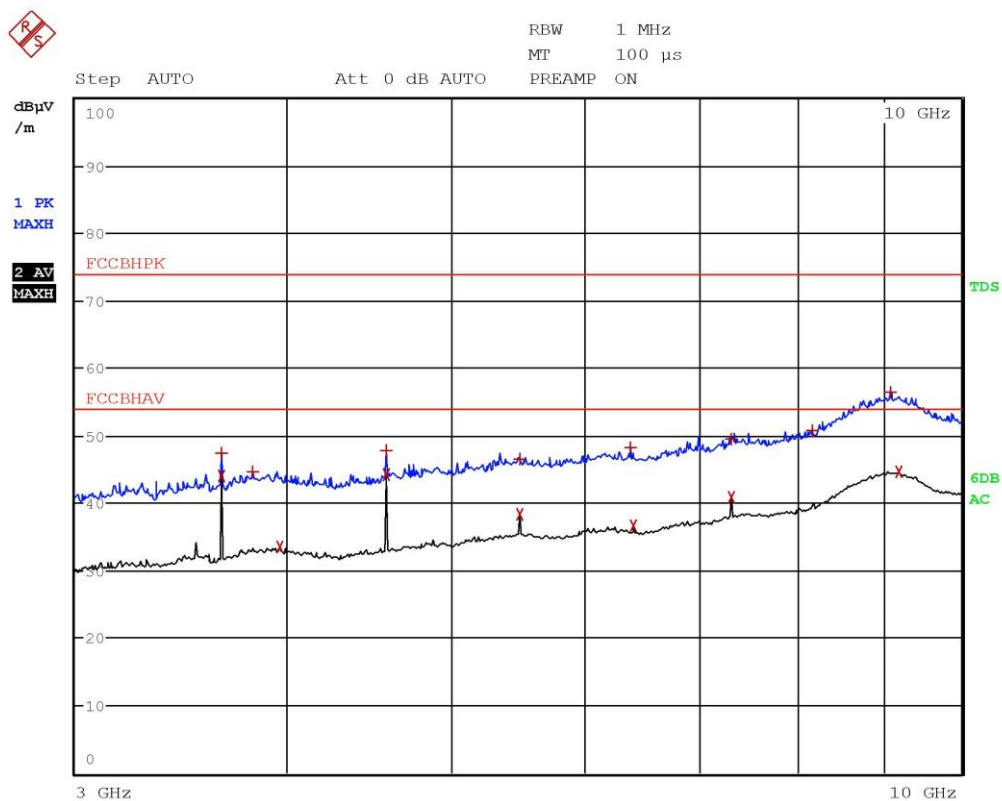


Gandini 19053422



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL d μ V/m	DELTA LIMIT dB
1 Max Peak	3.66 GHz	45.80	-28.17
2 Average	3.66 GHz	41.43	-12.54
2 Average	3.8496 GHz	33.45	-20.52
1 Max Peak	3.9092 GHz	45.02	-28.95
1 Max Peak	4.5752 GHz	47.42	-26.55
2 Average	4.5752 GHz	42.65	-11.33
2 Average	5.4904 GHz	37.48	-16.49
1 Max Peak	5.492 GHz	46.26	-27.71
1 Max Peak	6.2912 GHz	48.27	-25.70
2 Average	6.4052 GHz	38.37	-15.60
2 Average	7.3204 GHz	41.27	-12.70
1 Max Peak	8.0004 GHz	51.26	-22.71
2 Average	9.0532 GHz	44.70	-9.27
1 Max Peak	9.1208 GHz	57.07	-16.90

Gandini 19053422

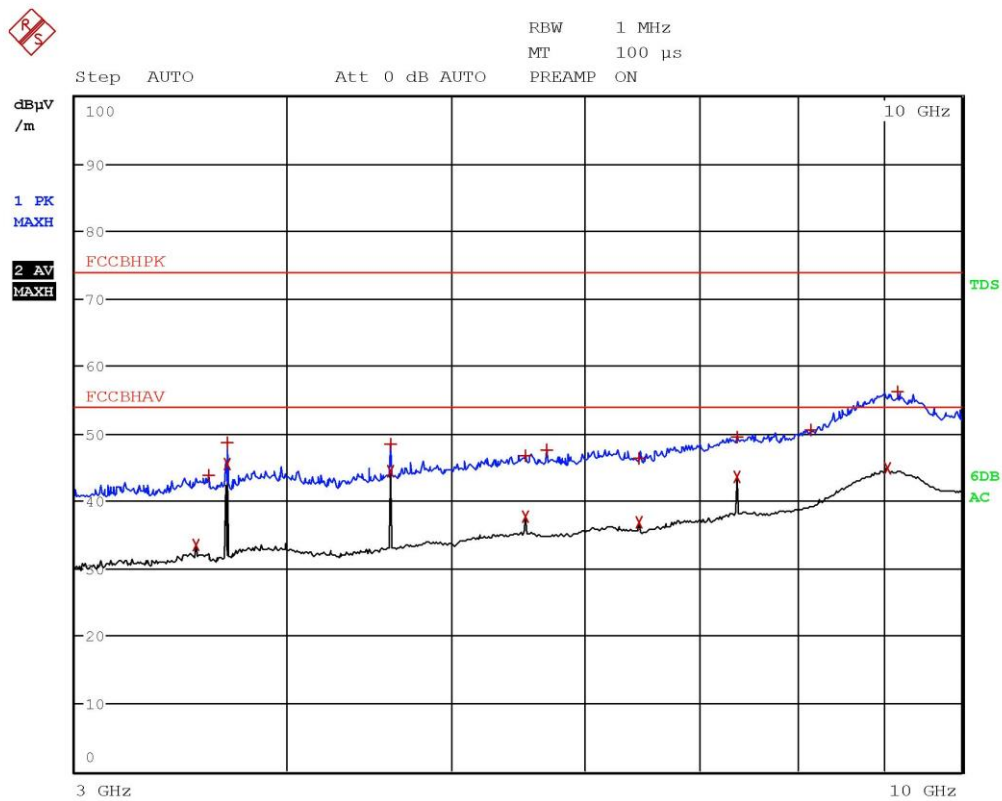


Gandini 19053423



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Max Peak	3.66 GHz	47.37	-26.60
2 Average	3.66 GHz	43.98	-9.99
1 Max Peak	3.8212 GHz	44.73	-29.24
2 Average	3.9636 GHz	33.46	-20.51
1 Max Peak	4.5752 GHz	47.76	-26.21
2 Average	4.5752 GHz	44.12	-9.85
2 Average	5.4904 GHz	38.36	-15.62
1 Max Peak	5.4904 GHz	46.49	-27.48
1 Max Peak	6.3752 GHz	48.22	-25.75
2 Average	6.4056 GHz	36.70	-17.27
1 Max Peak	7.3152 GHz	49.52	-24.45
2 Average	7.3204 GHz	40.82	-13.15
1 Max Peak	8.1632 GHz	50.80	-23.17
1 Max Peak	9.0804 GHz	56.45	-17.52
2 Average	9.1828 GHz	44.62	-9.35

Gandini 19053423

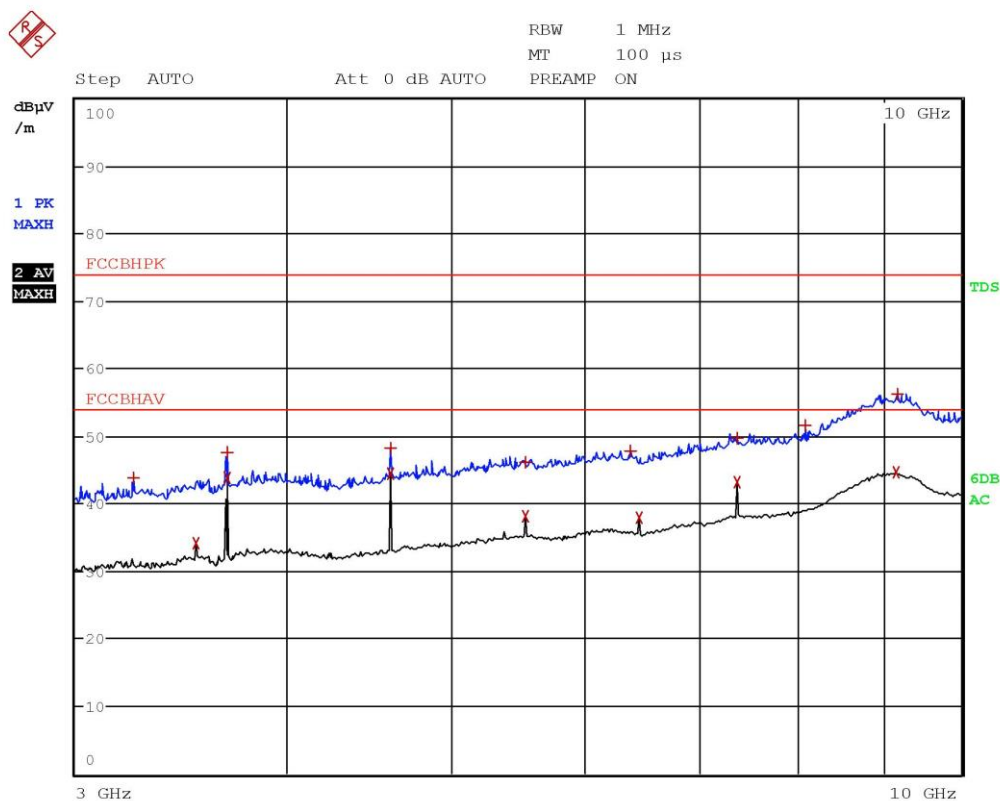


Gandini 19053424



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
2 Average	3.5316 GHz	33.59	-20.38
1 Max Peak	3.5996 GHz	43.87	-30.10
1 Max Peak	3.684 GHz	48.53	-25.44
2 Average	3.684 GHz	45.47	-8.50
1 Max Peak	4.6048 GHz	48.52	-25.45
2 Average	4.6052 GHz	44.40	-9.57
2 Average	5.526 GHz	37.65	-16.32
1 Max Peak	5.5284 GHz	46.68	-27.29
1 Max Peak	5.6948 GHz	47.68	-26.29
1 Max Peak	6.4472 GHz	46.40	-27.57
2 Average	6.4472 GHz	36.87	-17.10
1 Max Peak	7.368 GHz	49.49	-24.48
2 Average	7.368 GHz	43.61	-10.36
1 Max Peak	8.1436 GHz	50.49	-23.48
2 Average	9.0468 GHz	44.81	-9.16
1 Max Peak	9.1756 GHz	56.19	-17.78

Gandini 19053424

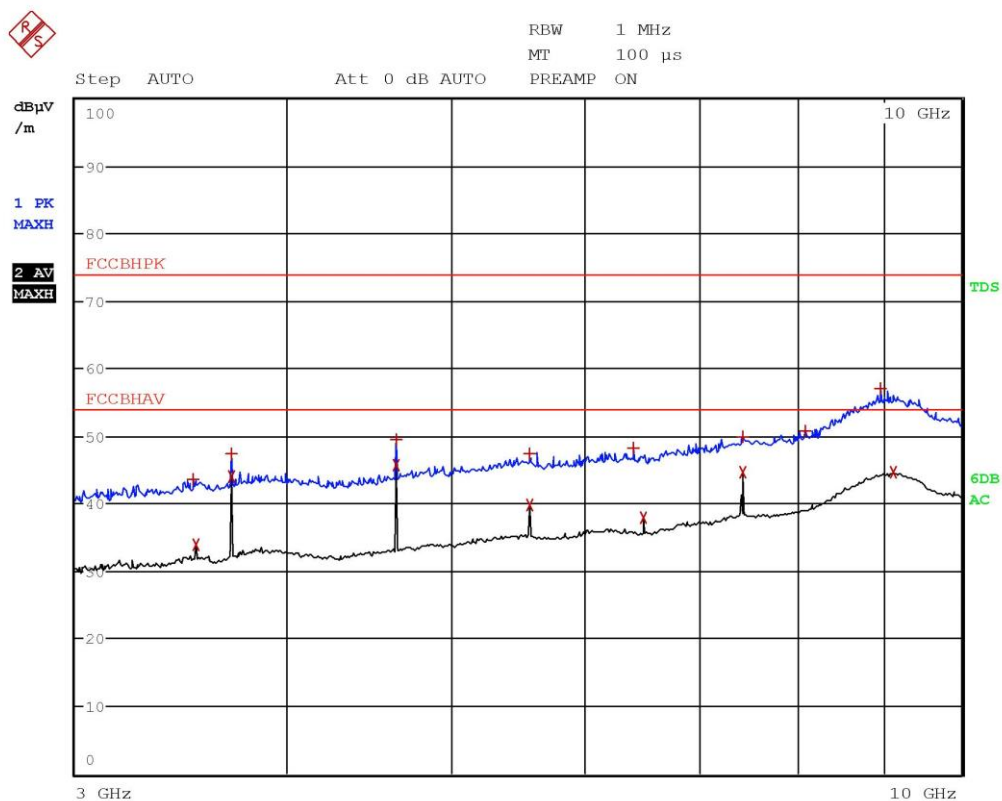


Gandini 19053425



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Max Peak	3.2476 GHz	43.78	-30.19
2 Average	3.5316 GHz	34.11	-19.86
1 Max Peak	3.684 GHz	47.64	-26.33
2 Average	3.684 GHz	43.89	-10.08
1 Max Peak	4.6048 GHz	48.13	-25.84
2 Average	4.6048 GHz	44.45	-9.52
1 Max Peak	5.5256 GHz	46.17	-27.81
2 Average	5.526 GHz	38.03	-15.94
1 Max Peak	6.374 GHz	47.78	-26.19
2 Average	6.4468 GHz	37.87	-16.11
1 Max Peak	7.368 GHz	49.65	-24.32
2 Average	7.368 GHz	43.17	-10.80
1 Max Peak	8.0908 GHz	51.67	-22.31
2 Average	9.1484 GHz	44.54	-9.44
1 Max Peak	9.1708 GHz	56.28	-17.69

Gandini 19053425

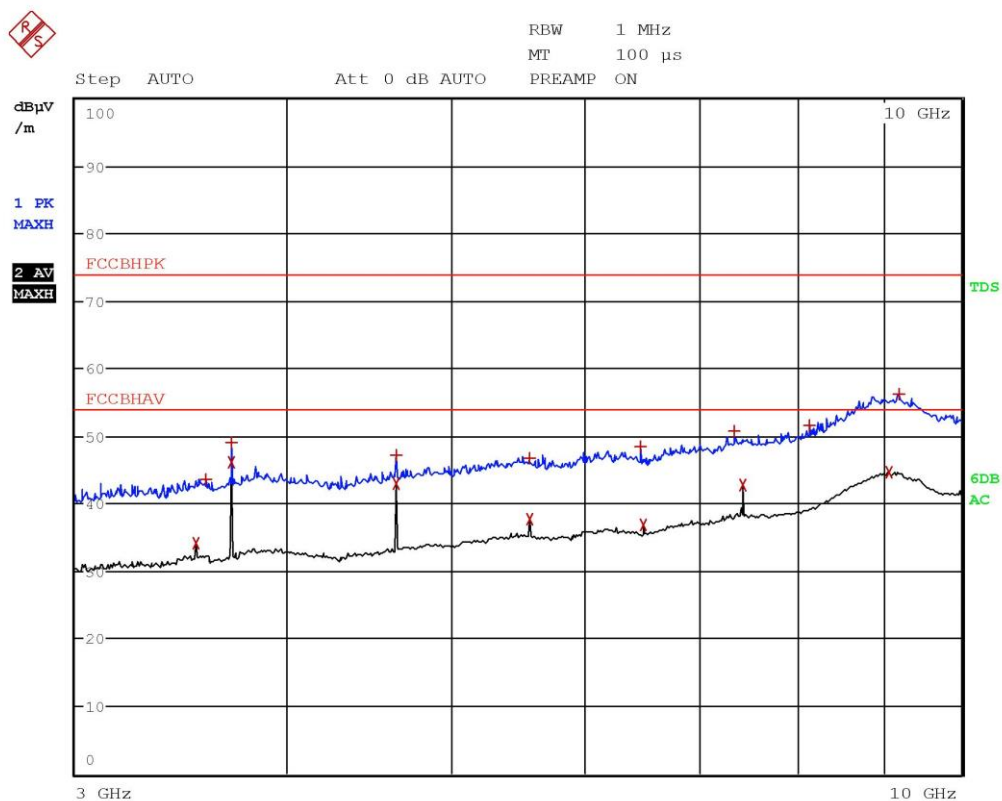


Gandini 19053426



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Max Peak	3.5188 GHz	43.61	-30.36
2 Average	3.5316 GHz	33.87	-20.10
1 Max Peak	3.7112 GHz	47.28	-26.69
2 Average	3.7112 GHz	43.92	-10.05
1 Max Peak	4.6388 GHz	49.44	-24.53
2 Average	4.6388 GHz	45.71	-8.26
2 Average	5.5664 GHz	39.79	-14.18
1 Max Peak	5.5664 GHz	47.33	-26.64
1 Max Peak	6.404 GHz	48.18	-25.79
2 Average	6.4944 GHz	37.84	-16.14
1 Max Peak	7.422 GHz	49.86	-24.11
2 Average	7.422 GHz	44.62	-9.35
1 Max Peak	8.0872 GHz	50.76	-23.21
1 Max Peak	8.9628 GHz	56.98	-16.99
2 Average	9.1108 GHz	44.57	-9.40

Gandini 19053426



Gandini 19053427



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
2 Average	3.5316 GHz	34.06	-19.91
1 Max Peak	3.5836 GHz	43.65	-30.32
1 Max Peak	3.7108 GHz	49.02	-24.96
2 Average	3.7112 GHz	46.11	-7.86
1 Max Peak	4.6388 GHz	47.16	-26.81
2 Average	4.6388 GHz	43.03	-10.94
1 Max Peak	5.5576 GHz	46.72	-27.25
2 Average	5.5664 GHz	37.71	-16.26
1 Max Peak	6.466 GHz	48.50	-25.48
2 Average	6.494 GHz	36.80	-17.17
1 Max Peak	7.35 GHz	50.79	-23.18
2 Average	7.422 GHz	42.75	-11.22
1 Max Peak	8.1352 GHz	51.55	-22.42
2 Average	9.0548 GHz	44.62	-9.35
1 Max Peak	9.1808 GHz	56.12	-17.85

Gandini 19053427

Result: The requirements are met



11.4 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

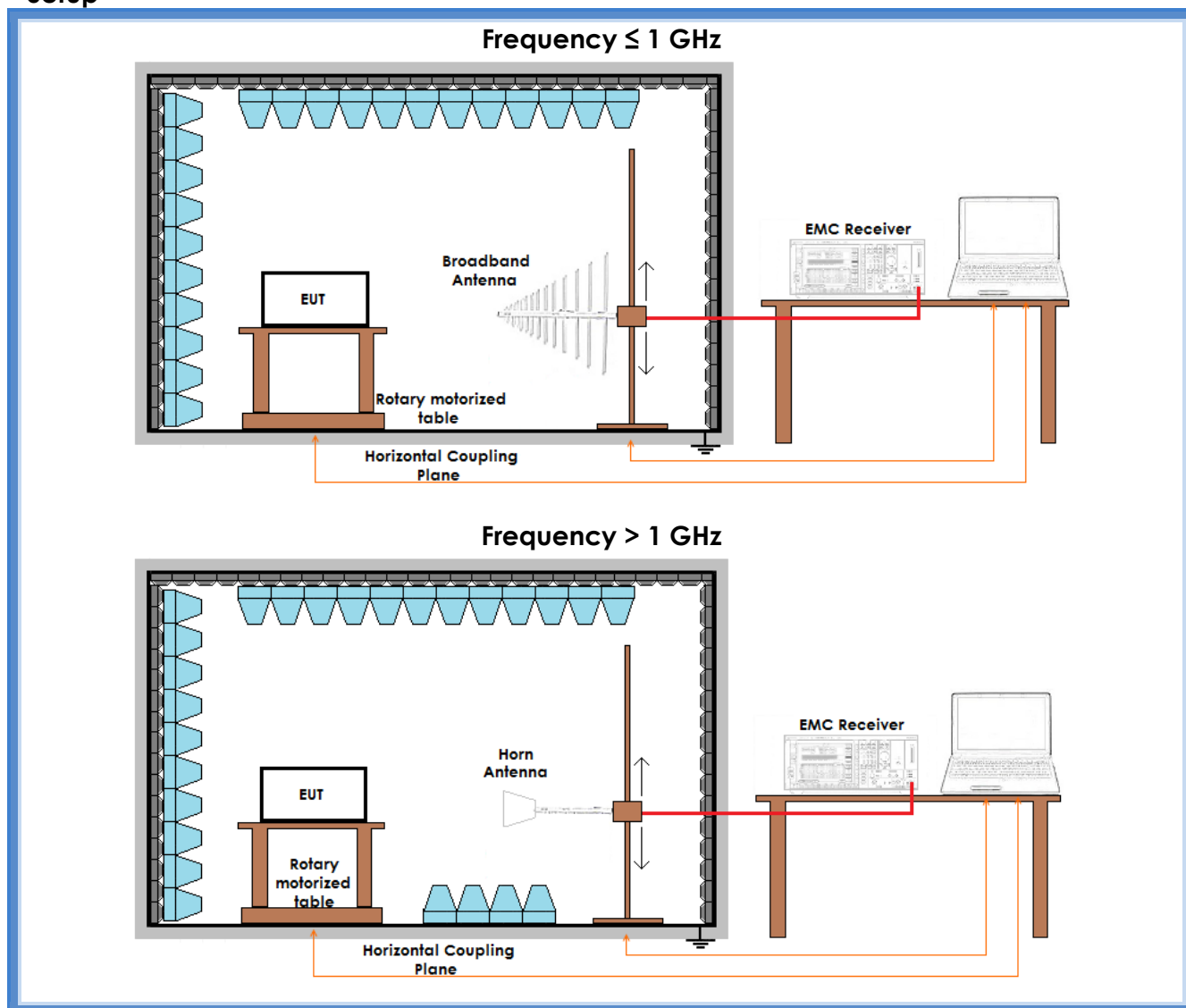
Acceptance limits

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 (dBμV/m)	Peak Output Power (mW)
915,045192	Horizontal	G19053437	93,40	0,656
915,047596	Vertical	G19053440	90,60	0,344
920,999038	Vertical	G19053434	92,23	0,501
921,000000	Horizontal	G19053433	88,56	0,215
927,752884	Horizontal	G19053430	93,91	0,738
927,753846	Vertical	G19053432	90,86	0,366

Remarks

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

Where:

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

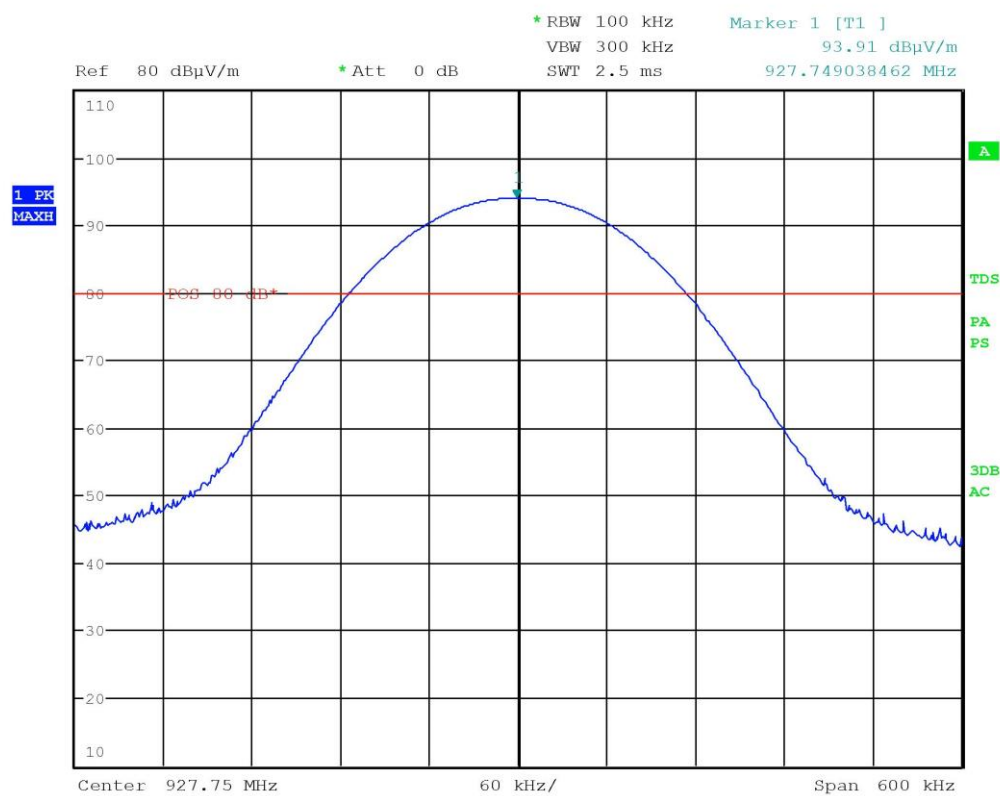
G = the numeric gain of the transmitting antenna: 1 (0 dBi)

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

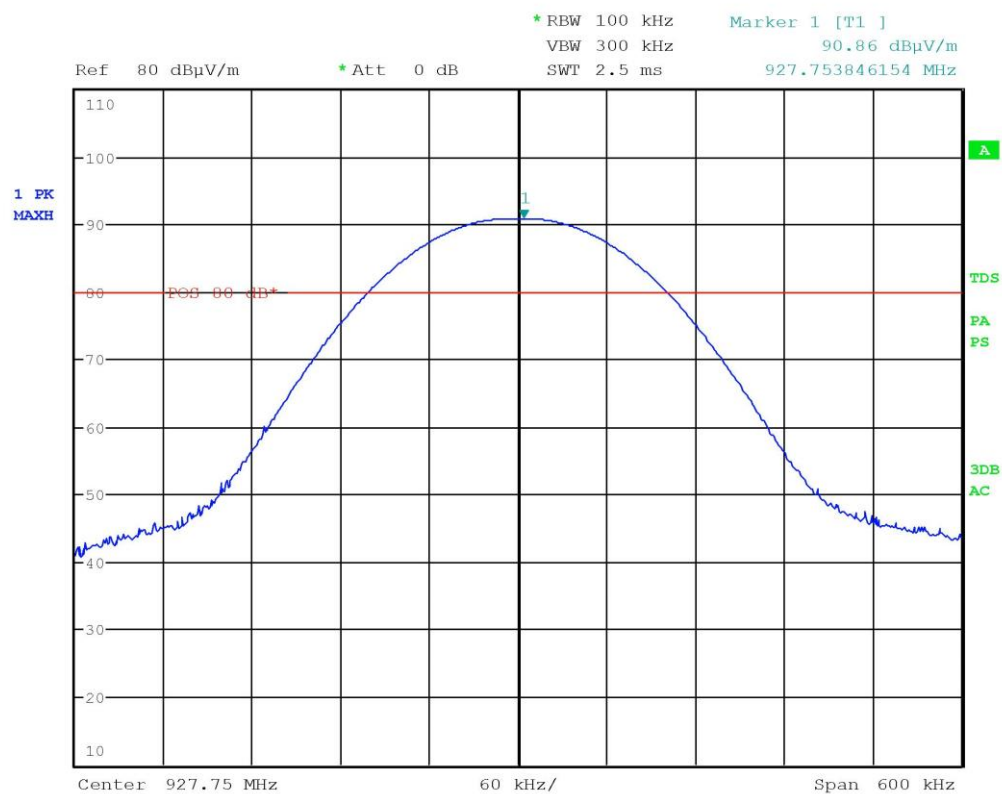
P = the power in watts



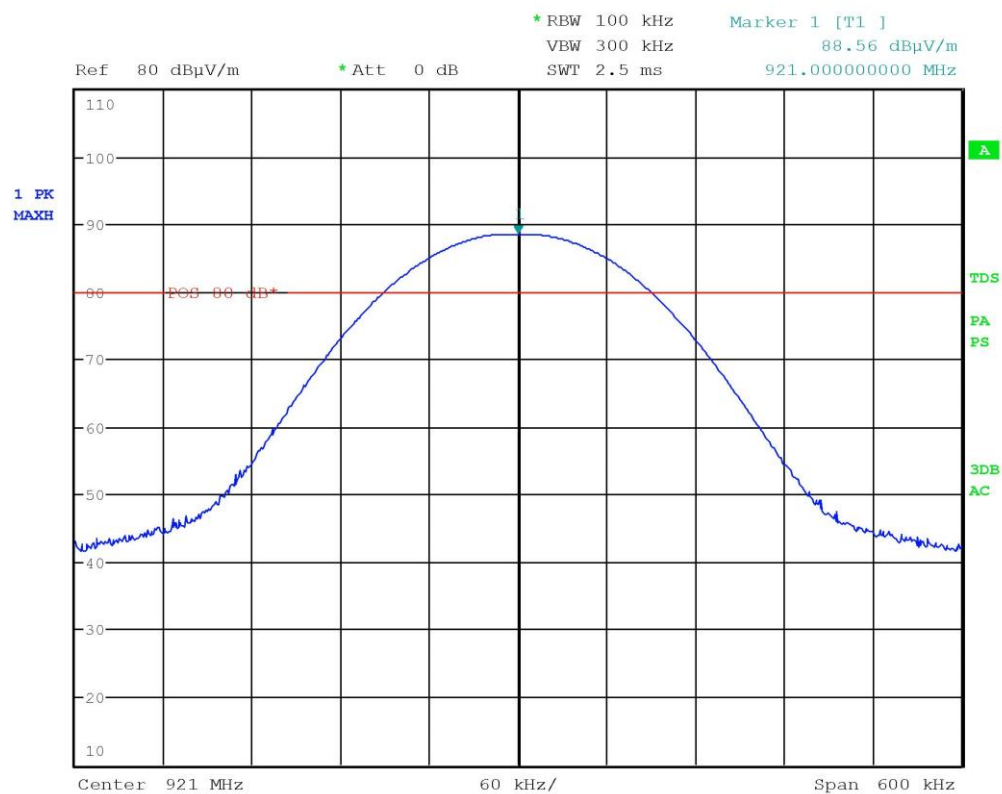
Graphs



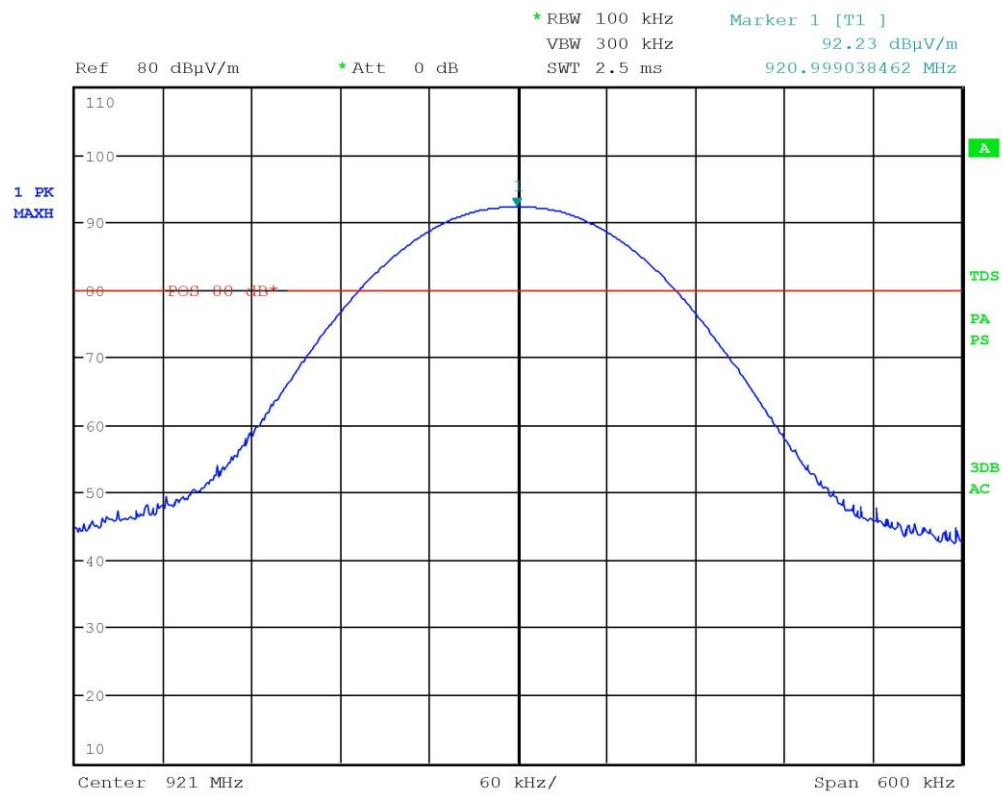
Gandini 19053430



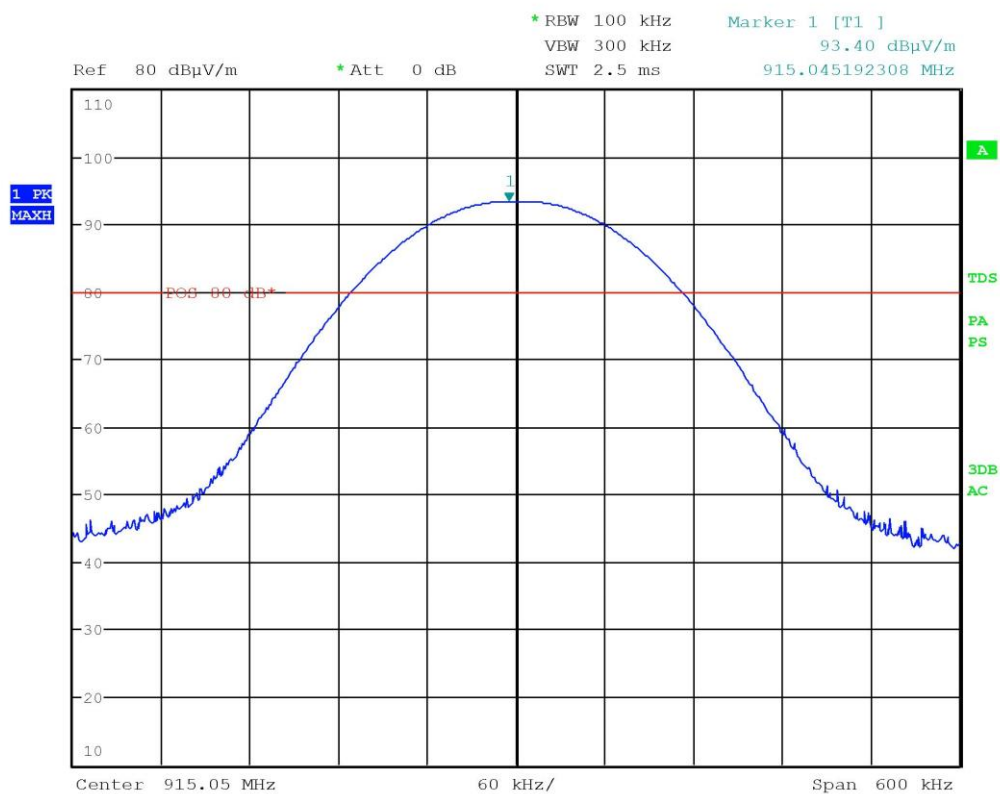
Gandini 19053432



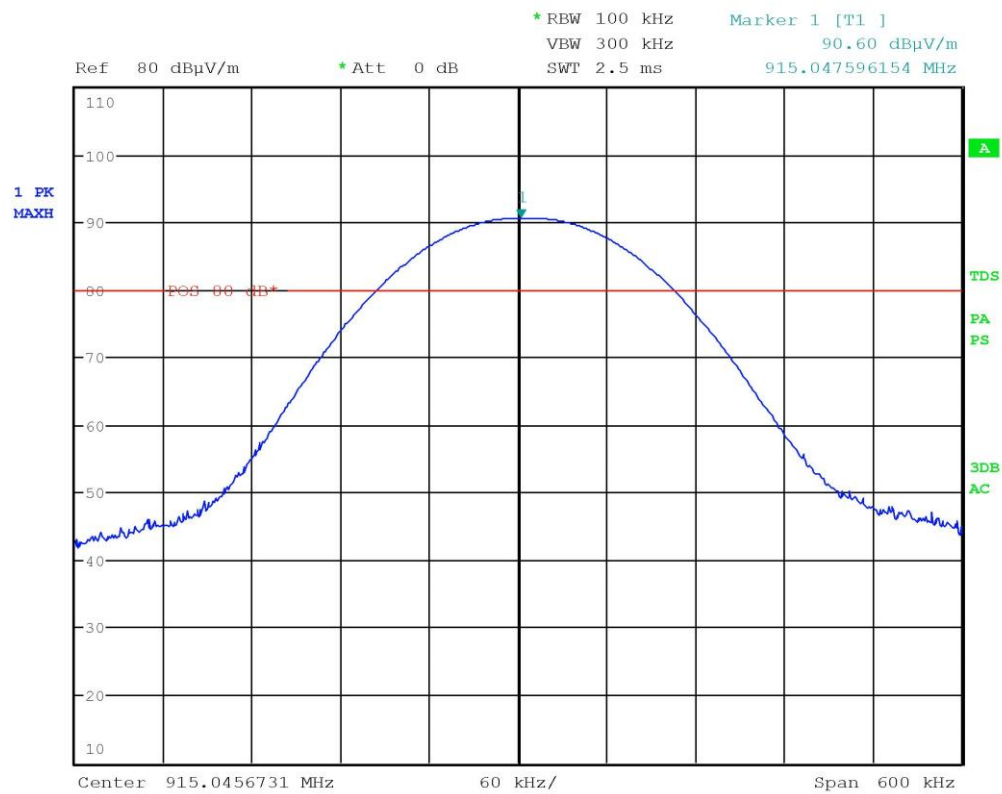
Gandini 19053433



Gandini 19053434



Gandini 19053437



Gandini 19053440

Result: The requirements are met



11.5 20 dB bandwidth

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.215 (c)
- Internal procedure PM001
- See clause 4 of this test report

Test configuration

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

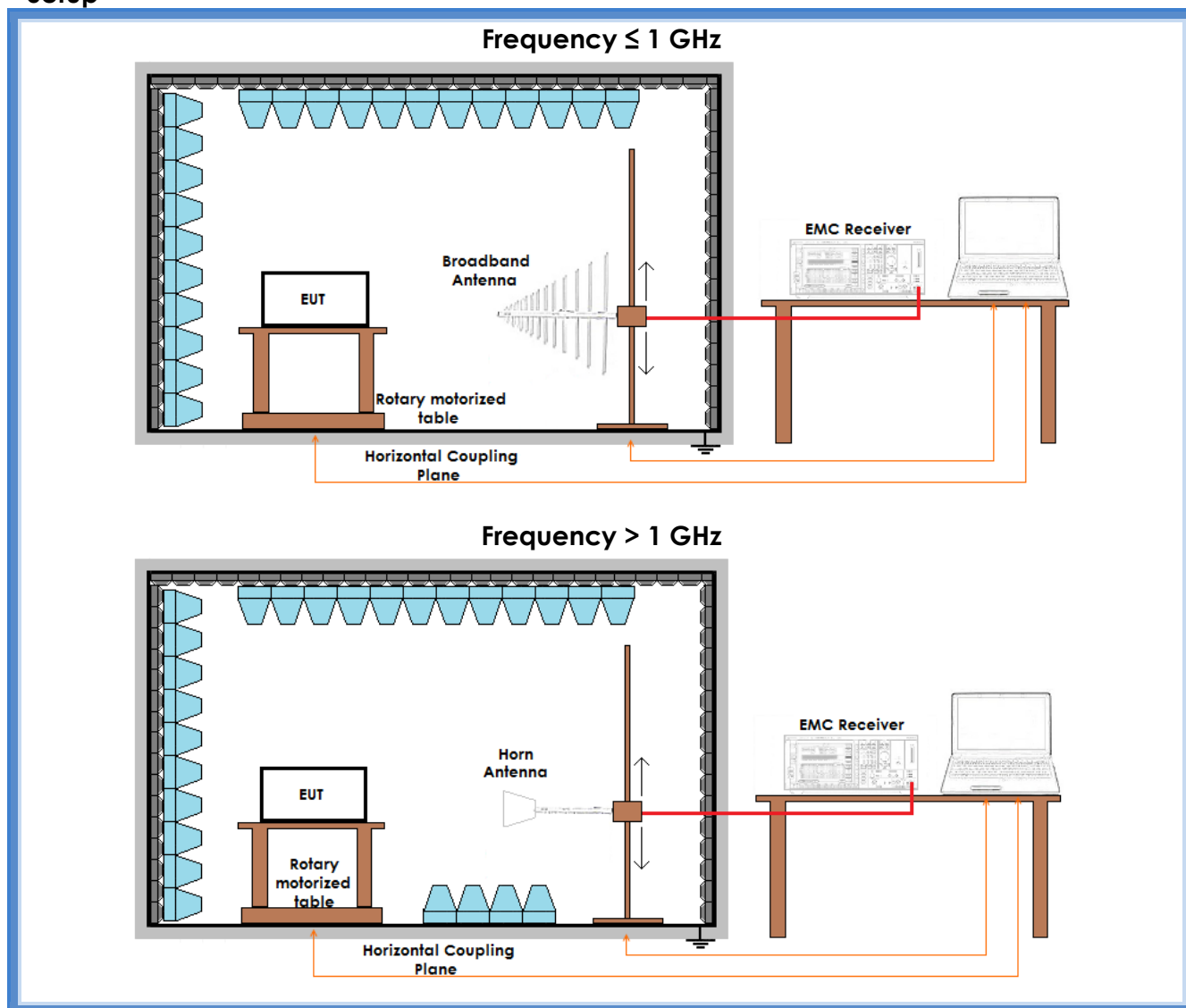
Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated. In the case of intentional radiators operating under the provisions of subpart E, the emission bandwidth may span across multiple contiguous frequency bands identified in that subpart. 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.

Environmental conditions

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



Setup

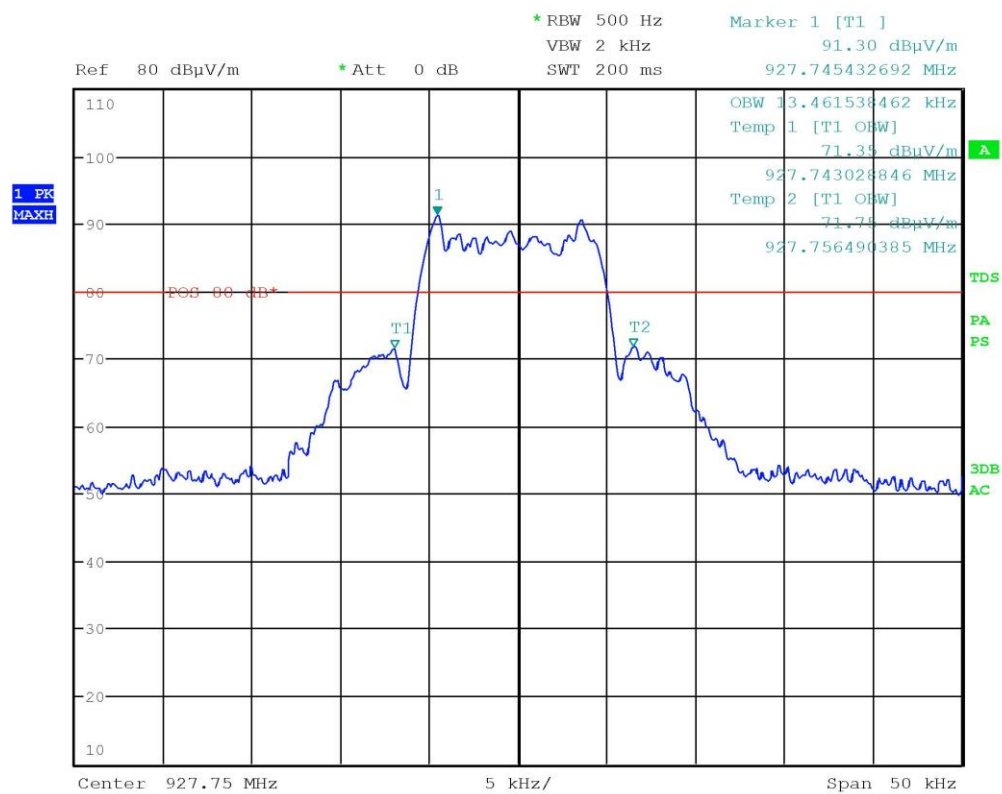


Result

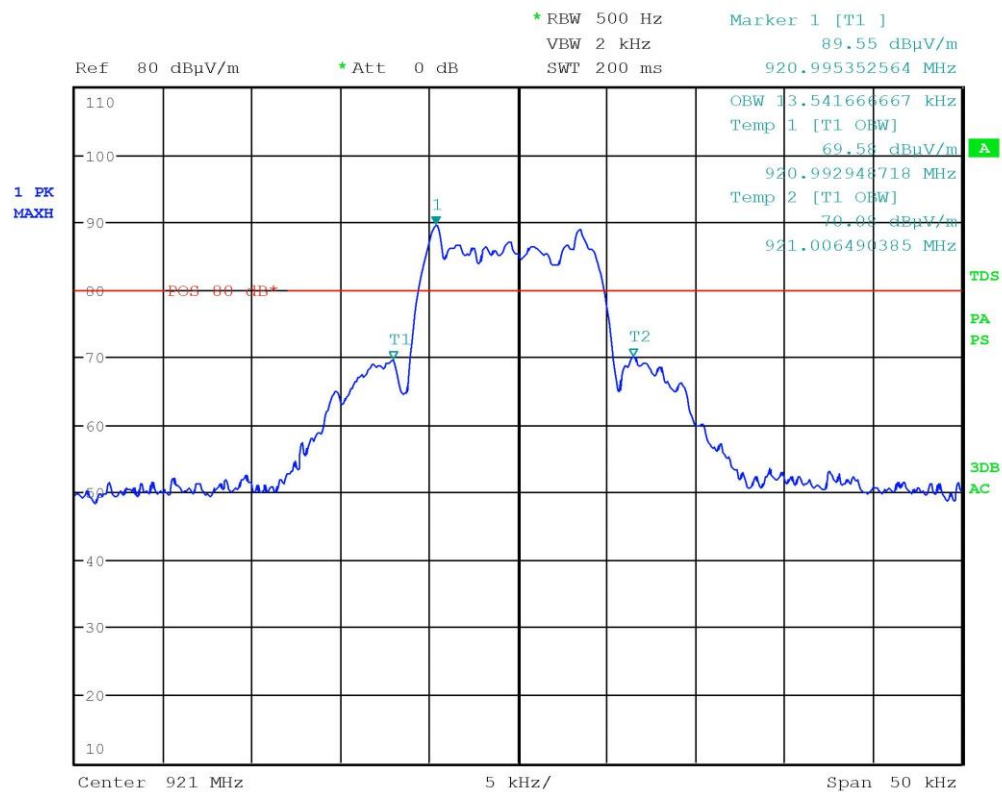
Channel	Graphs	20 dB bandwidth (MHz)	Limits (MHz)	Results
Lowest	G19053436	915,044 – 915,057	902 – 928	Complies
Medium	G19053435	920,993 – 921,007	902 – 928	Complies
Highest	G19053431	927,743 – 927,757	902 – 928	Complies



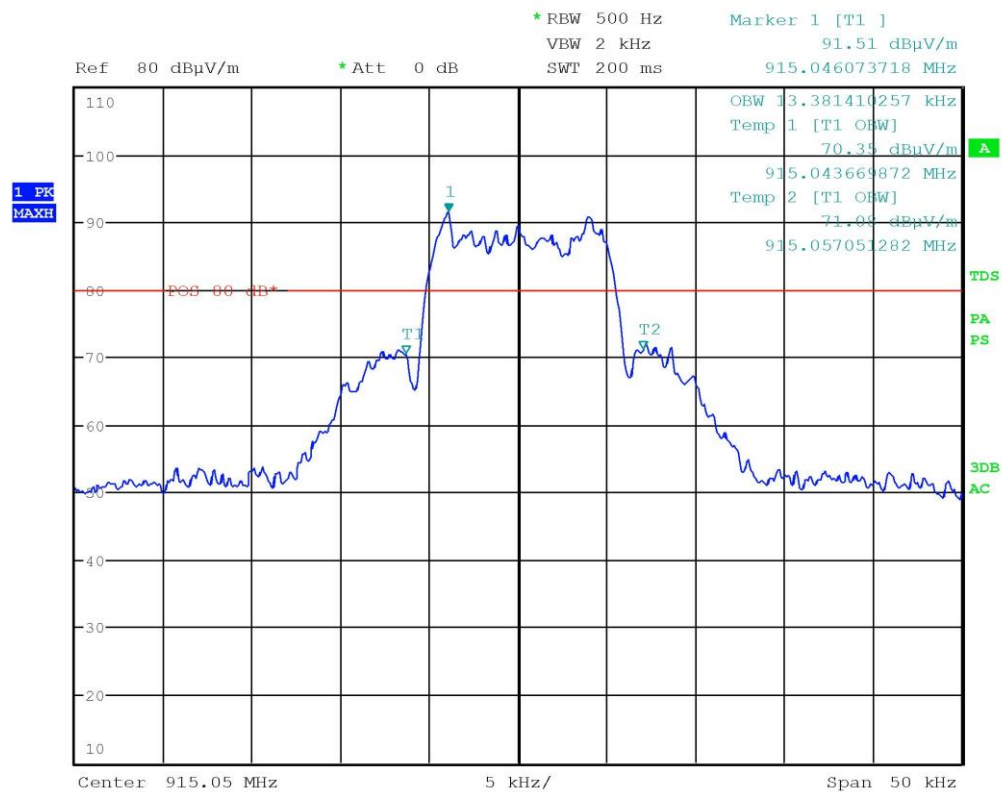
Graphs



Gandini 19053431



Gandini 19053435



Gandini 19053436

Result: The requirements are met



11.6 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

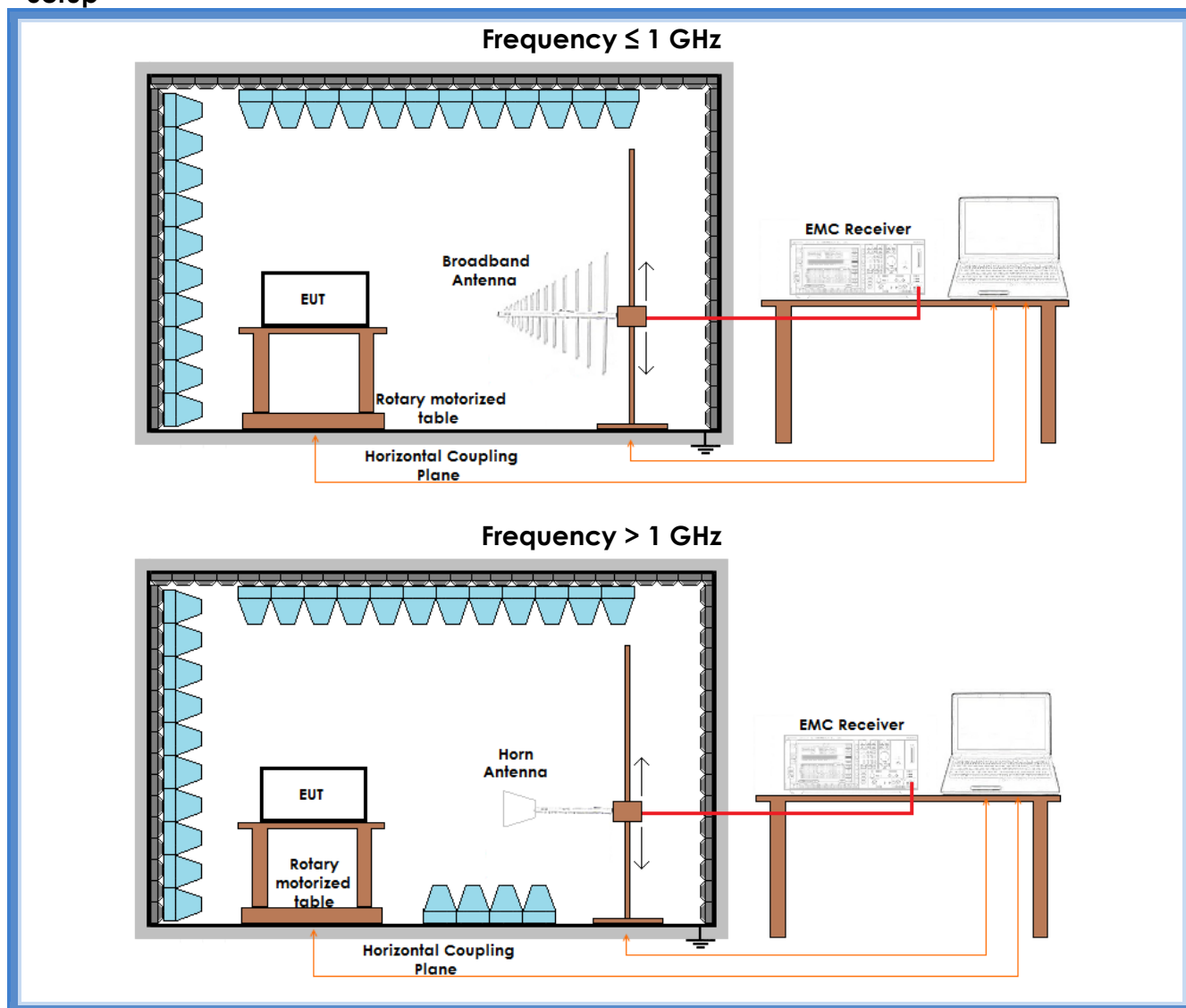
Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in § 15.209, whichever is the lesser attenuation

Environmental conditions

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

Acceptance limits: operation within the band 902 – 928 MHz

Setup

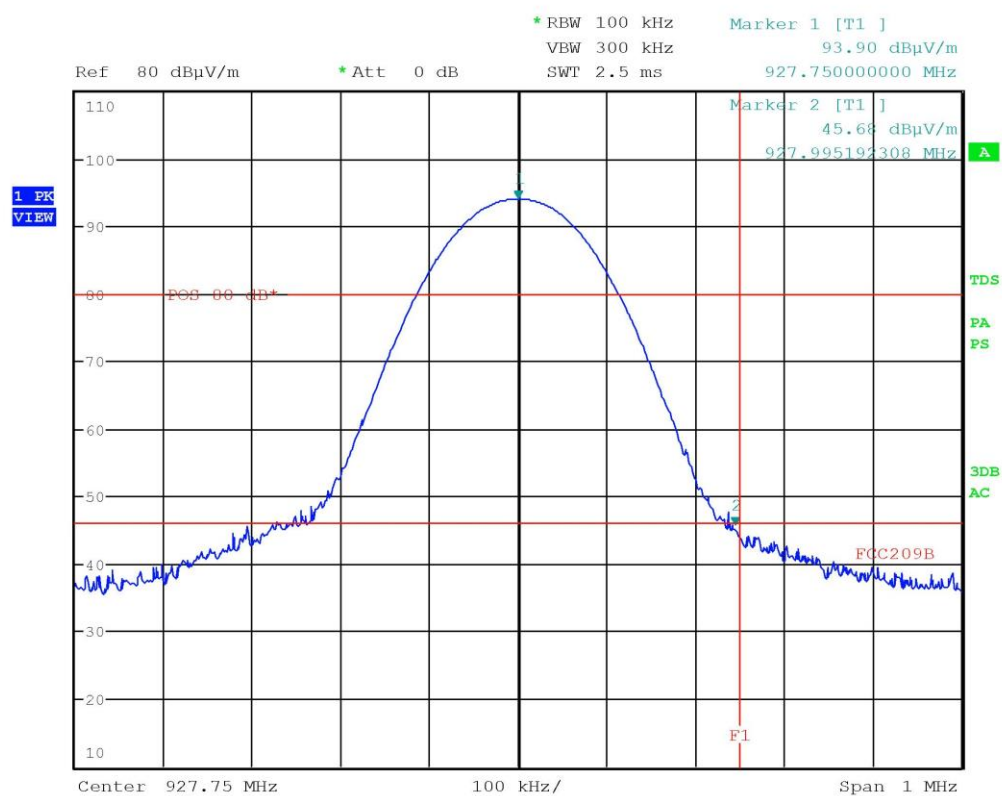


Result

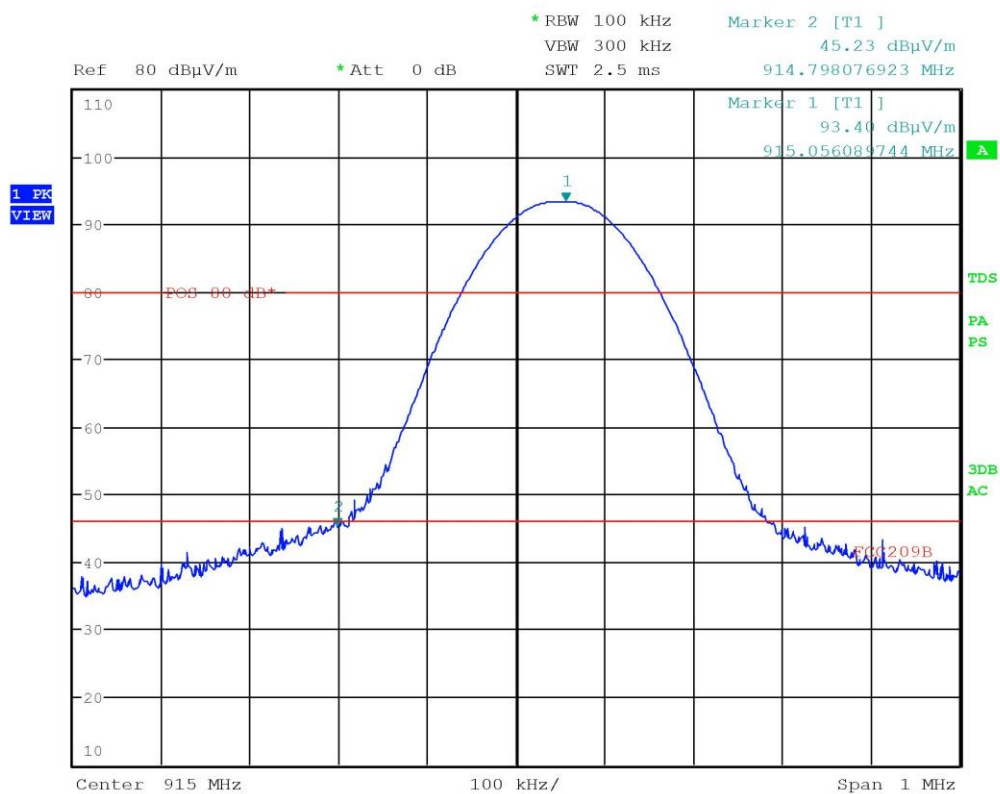
Frequency (MHz)	Graph(s)	Results	
915,05	G19053438	F _L : 914,798070 MHz	Complies
	G19053439		
927,75	G19053429	F _H : 927,995192 MHz	Complies



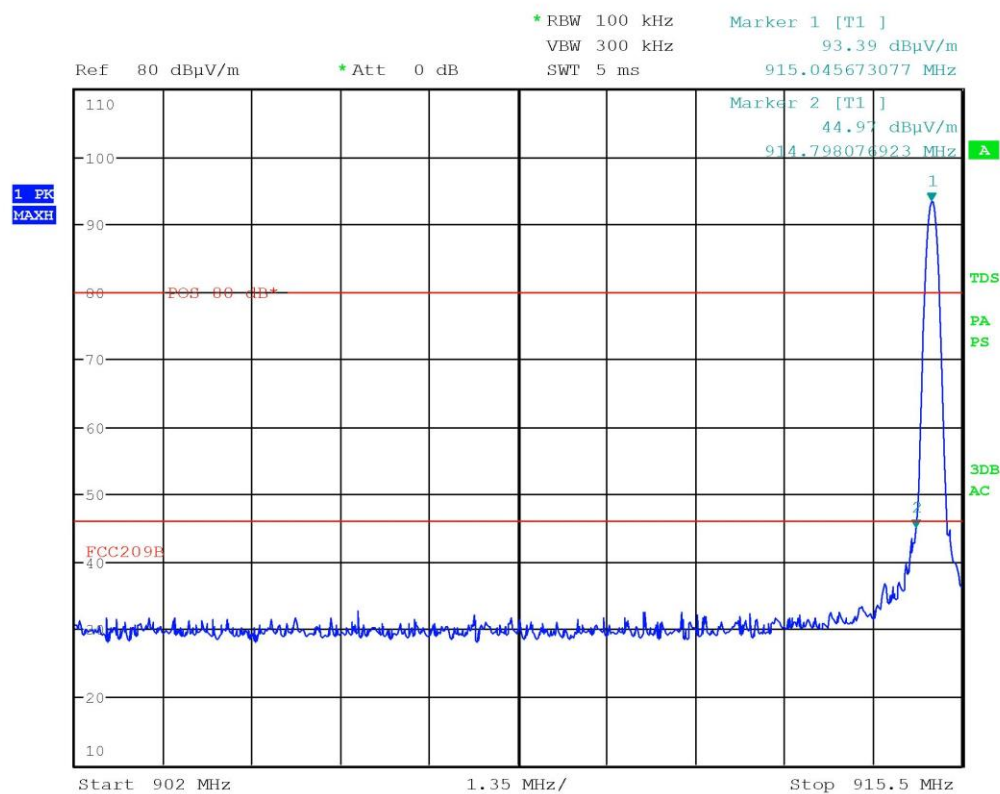
Graphs



Gandini 19053429



Gandini 19053438



Gandini 19053439

Result: The requirements are met