

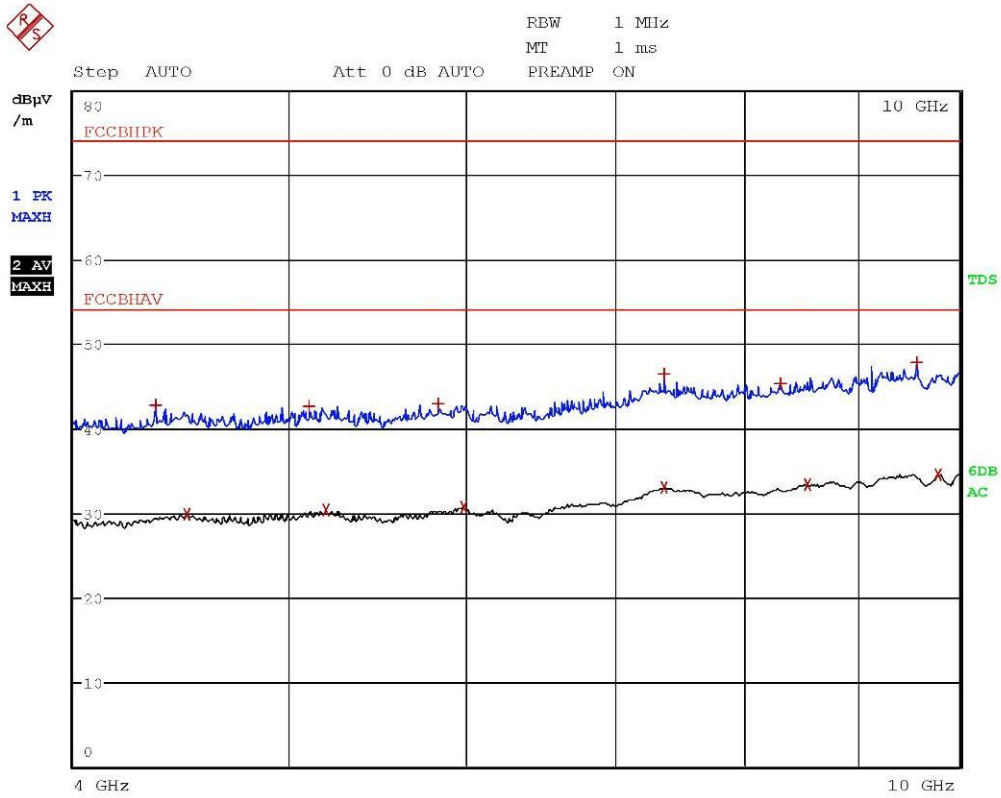
Segalla 17196912

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
2 Average	4.47 GHz	29.74	-24.23
1 Max Peak	4.5552 GHz	42.38	-31.59
2 Average	4.906 GHz	30.50	-23.47
1 Max Peak	5.112 GHz	42.79	-31.18
2 Average	5.9864 GHz	30.72	-23.25
1 Max Peak	6.0132 GHz	43.45	-30.52
2 Average	7.3308 GHz	32.86	-21.11
1 Max Peak	7.3424 GHz	45.93	-28.04
1 Max Peak	8.4668 GHz	45.99	-27.98
2 Average	8.5252 GHz	33.47	-20.51
1 Max Peak	9.314 GHz	47.08	-26.89
2 Average	9.782 GHz	34.65	-19.32

Segalla 17196912



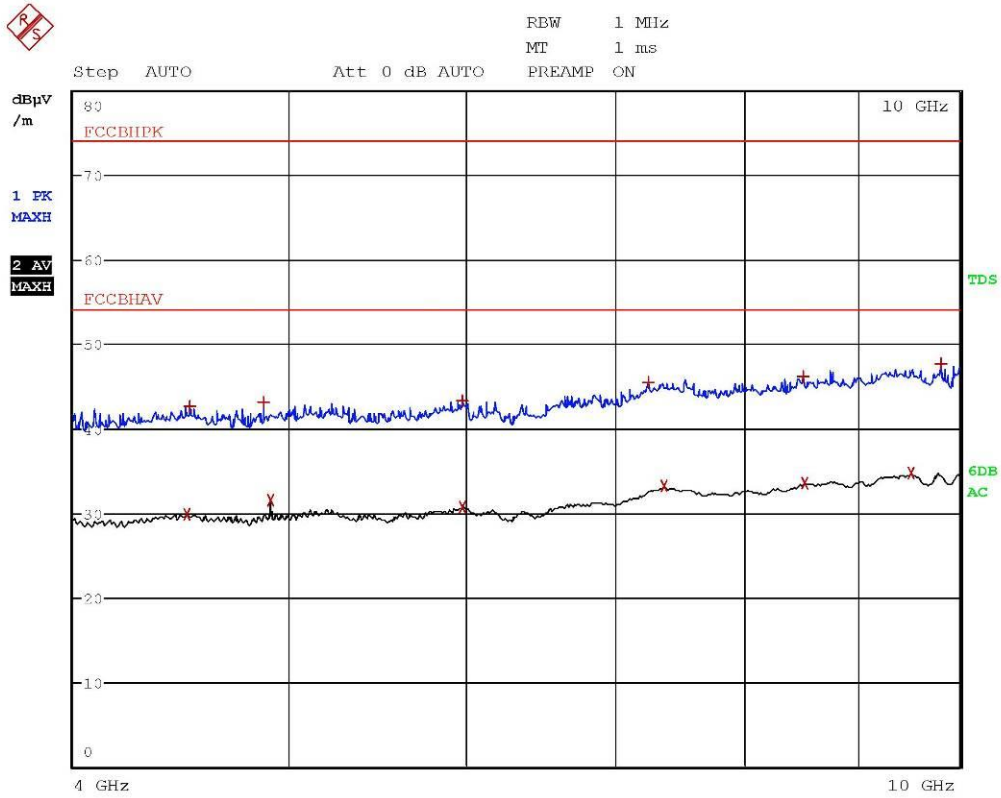
Segalla 17196913

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dμV/m	DELTA LIMIT dB
1 Max Peak	4.3532 GHz	42.70	-31.27
2 Average	4.4964 GHz	29.80	-24.18
1 Max Peak	5.1072 GHz	42.61	-31.36
2 Average	5.1968 GHz	30.25	-23.72
1 Max Peak	5.8336 GHz	42.92	-31.05
2 Average	5.986 GHz	30.67	-23.30
2 Average	7.366 GHz	33.09	-20.89
1 Max Peak	7.3716 GHz	46.42	-27.55
1 Max Peak	8.3116 GHz	45.30	-28.67
2 Average	8.5496 GHz	33.41	-20.56
1 Max Peak	9.5704 GHz	47.87	-26.10
2 Average	9.7836 GHz	34.61	-19.36

Segalla 17196913



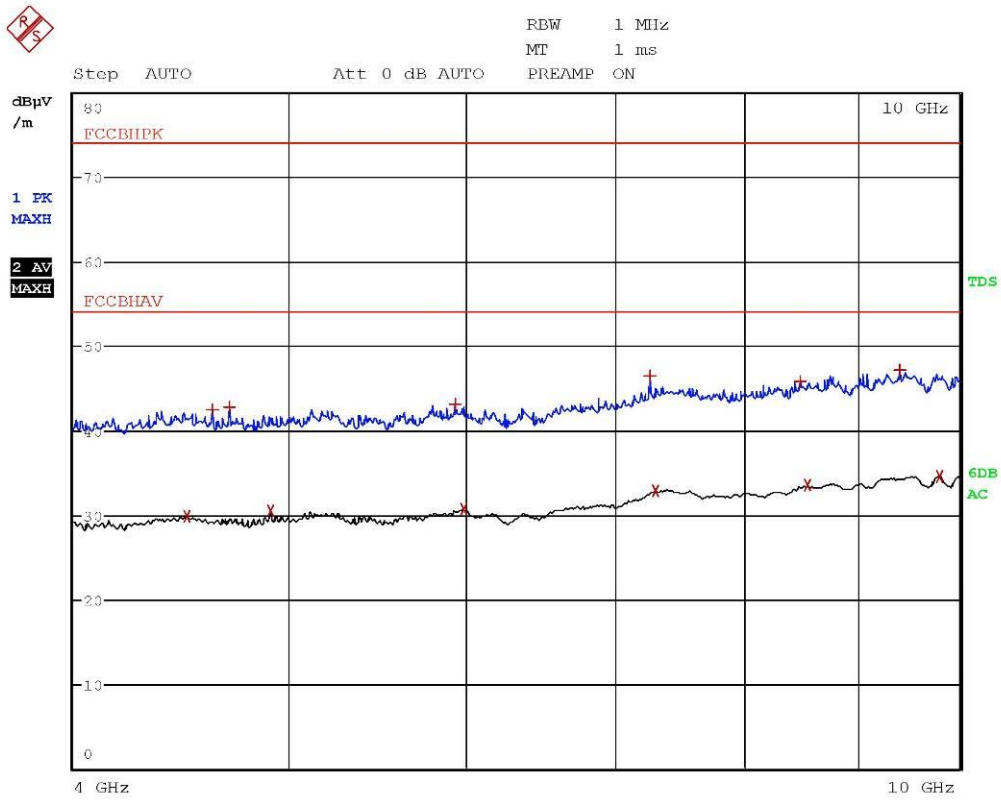
Segalla 17196914

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
2 Average	4.5 GHz	29.80	-24.17
1 Max Peak	4.51 GHz	42.61	-31.36
1 Max Peak	4.872 GHz	43.07	-30.90
2 Average	4.906 GHz	31.45	-22.52
1 Max Peak	5.9772 GHz	43.30	-30.67
2 Average	5.9852 GHz	30.69	-23.28
1 Max Peak	7.2512 GHz	45.52	-28.45
2 Average	7.3632 GHz	33.15	-20.82
1 Max Peak	8.5044 GHz	46.13	-27.84
2 Average	8.5212 GHz	33.45	-20.52
2 Average	9.518 GHz	34.74	-19.23
1 Max Peak	9.806 GHz	47.65	-26.32

Segalla 17196914



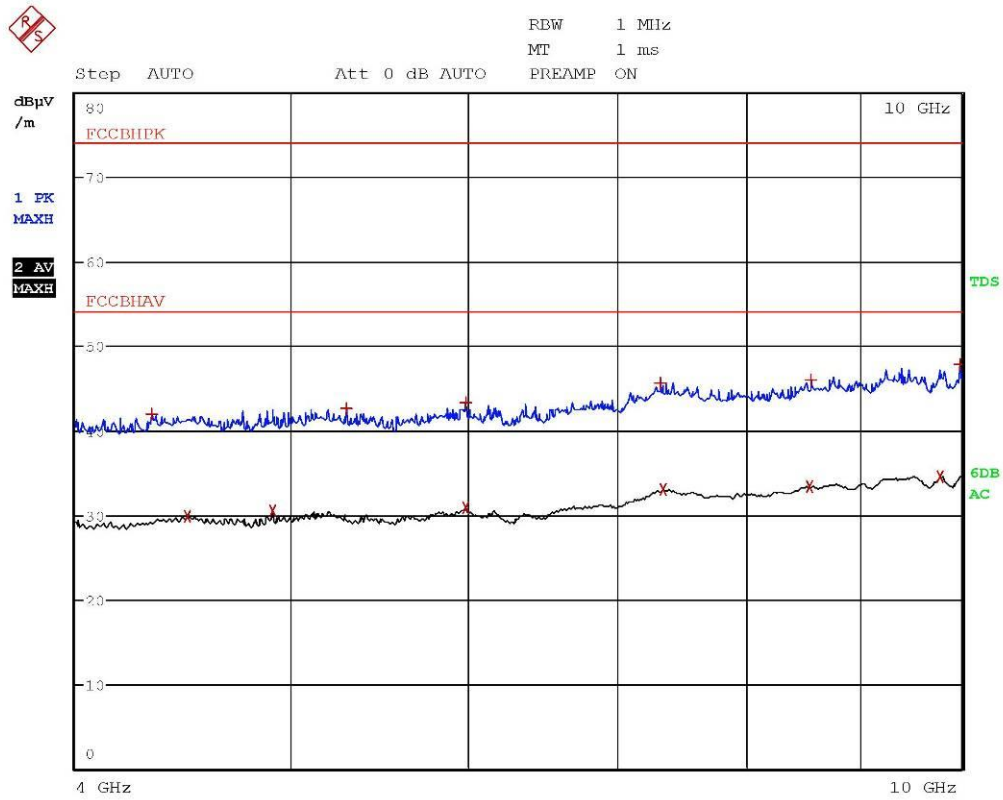
Segalla 17196915

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
2 Average	4.4956 GHz	29.74	-24.23
1 Max Peak	4.6184 GHz	42.46	-31.51
1 Max Peak	4.7012 GHz	42.70	-31.27
2 Average	4.906 GHz	30.47	-23.50
1 Max Peak	5.9392 GHz	43.14	-30.83
2 Average	5.9856 GHz	30.65	-23.32
1 Max Peak	7.2644 GHz	46.55	-27.42
2 Average	7.306 GHz	32.86	-21.11
1 Max Peak	8.4868 GHz	45.79	-28.18
2 Average	8.5504 GHz	33.46	-20.52
1 Max Peak	9.3984 GHz	47.08	-26.89
2 Average	9.7964 GHz	34.58	-19.39

Segalla 17196915



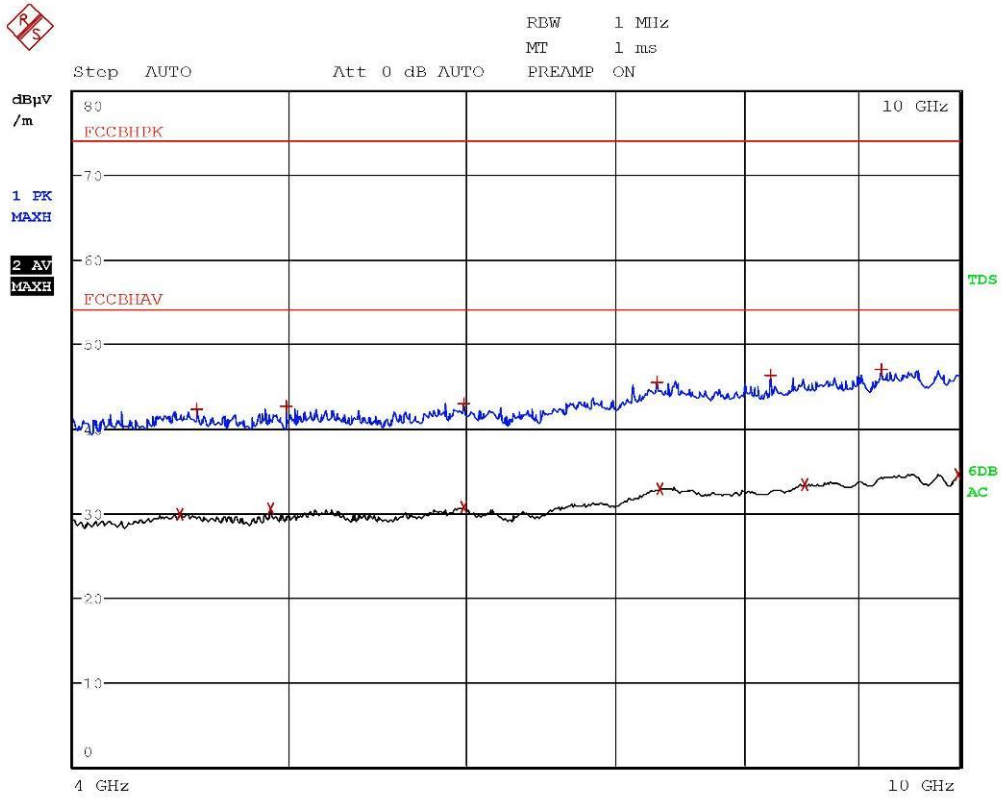
Segalla 17196916

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dB μ V/m	DELTA LIMIT dB
1 Max Peak	4.3272 GHz	41.87	-32.10
2 Average	4.4944 GHz	29.84	-24.13
2 Average	4.906 GHz	30.42	-23.55
1 Max Peak	5.2908 GHz	42.52	-31.45
2 Average	5.9872 GHz	30.78	-23.19
1 Max Peak	5.9904 GHz	43.36	-30.62
1 Max Peak	7.3284 GHz	45.63	-28.34
2 Average	7.3452 GHz	32.94	-21.03
2 Average	8.54 GHz	33.38	-20.59
1 Max Peak	8.564 GHz	45.99	-27.98
2 Average	9.7844 GHz	34.58	-19.39
1 Max Peak	9.9868 GHz	47.77	-26.20

Segalla 17196916



Segalla 17196917

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
2 Average	4.4668 GHz	29.80	-24.17
1 Max Peak	4.5456 GHz	42.20	-31.77
2 Average	4.906 GHz	30.53	-23.44
1 Max Peak	4.986 GHz	42.56	-31.41
2 Average	5.9864 GHz	30.63	-23.34
1 Max Peak	5.9928 GHz	42.97	-31.00
1 Max Peak	7.3188 GHz	45.45	-28.52
2 Average	7.3336 GHz	32.91	-21.07
1 Max Peak	8.23 GHz	46.33	-27.64
2 Average	8.5252 GHz	33.36	-20.61
1 Max Peak	9.2248 GHz	46.90	-27.07
2 Average	9.9836 GHz	34.52	-19.45

Segalla 17196917



Segalla 17196918

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Max Peak	10.0304 GHz	46.98	-27.00
2 Average	10.0336 GHz	34.15	-19.82
1 Max Peak	11.712 GHz	47.11	-26.86
2 Average	11.7624 GHz	35.33	-18.65
1 Max Peak	13.0076 GHz	47.80	-26.17
2 Average	13.3628 GHz	35.03	-18.94
1 Max Peak	14.3072 GHz	49.78	-24.19
2 Average	14.3104 GHz	37.80	-16.17
1 Max Peak	14.824 GHz	47.49	-26.48
2 Average	15.0504 GHz	35.52	-18.45
1 Max Peak	17.7448 GHz	56.77	-17.20
2 Average	17.7824 GHz	43.73	-10.24

Segalla 17196918



Segalla 17196919

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
2 Average	10.0096 GHz	34.19	-19.78
1 Max Peak	10.0956 GHz	46.94	-27.03
2 Average	11.7576 GHz	35.32	-18.65
1 Max Peak	11.7704 GHz	48.11	-25.86
1 Max Peak	12.5336 GHz	47.46	-26.52
2 Average	13.3888 GHz	35.21	-18.76
1 Max Peak	14.3124 GHz	50.61	-23.36
2 Average	14.318 GHz	38.11	-15.87
1 Max Peak	14.8016 GHz	47.55	-26.43
2 Average	15.0468 GHz	35.83	-18.14
2 Average	17.7416 GHz	44.07	-9.90
1 Max Peak	17.742 GHz	56.77	-17.20

Segalla 17196919

CMC Centro Misure Compatibilità S.r.l.



Segalla 17196920

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL d μ V/m	DELTA LIMIT dB
2 Average	10.0096 GHz	34.16	-19.81
1 Max Peak	10.036 GHz	47.92	-26.05
2 Average	11.756 GHz	35.42	-18.55
1 Max Peak	11.7804 GHz	47.53	-26.44
1 Max Peak	13.2396 GHz	47.27	-26.70
2 Average	13.36 GHz	34.99	-18.98
1 Max Peak	14.3076 GHz	50.00	-23.98
2 Average	14.3184 GHz	37.85	-16.13
2 Average	15.0536 GHz	35.51	-18.46
1 Max Peak	15.0556 GHz	49.00	-24.97
1 Max Peak	17.7576 GHz	55.74	-18.23
2 Average	17.7792 GHz	43.67	-10.30

Segalla 17196920

CMC Centro Misure Compatibilità S.r.l.



Segalla 17196921

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
2 Average	10.0116 GHz	34.22	-19.75
1 Max Peak	10.0392 GHz	46.41	-27.56
1 Max Peak	11.7296 GHz	47.65	-26.32
2 Average	11.7636 GHz	35.37	-18.60
1 Max Peak	13.306 GHz	47.84	-26.13
2 Average	13.35 GHz	35.27	-18.70
2 Average	14.3128 GHz	37.93	-16.04
1 Max Peak	14.5688 GHz	50.66	-23.32
2 Average	15.0504 GHz	35.66	-18.31
1 Max Peak	15.0924 GHz	47.65	-26.32
1 Max Peak	17.6828 GHz	56.79	-17.18
2 Average	17.7424 GHz	43.73	-10.24

Segalla 17196921



Segalla 17196922

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Prescan Results)			
TRACE1:	FCCBHPK		
TRACE2:	FCCBHAV		
TRACE3:	---		
TRACE	FREQUENCY	LEVEL d μ V/m	DELTA LIMIT dB
2 Average	10.006 GHz	34.24	-19.73
1 Max Peak	10.0124 GHz	46.36	-27.61
1 Max Peak	11.7152 GHz	47.67	-26.30
2 Average	11.7592 GHz	35.41	-18.56
2 Average	13.0504 GHz	35.22	-18.75
1 Max Peak	13.0816 GHz	47.88	-26.09
2 Average	14.3084 GHz	38.01	-15.96
1 Max Peak	14.3096 GHz	49.84	-24.13
1 Max Peak	14.804 GHz	47.46	-26.51
2 Average	15.0488 GHz	35.63	-18.34
2 Average	17.736 GHz	43.78	-10.19
1 Max Peak	17.74 GHz	56.16	-17.81

Segalla 17196922



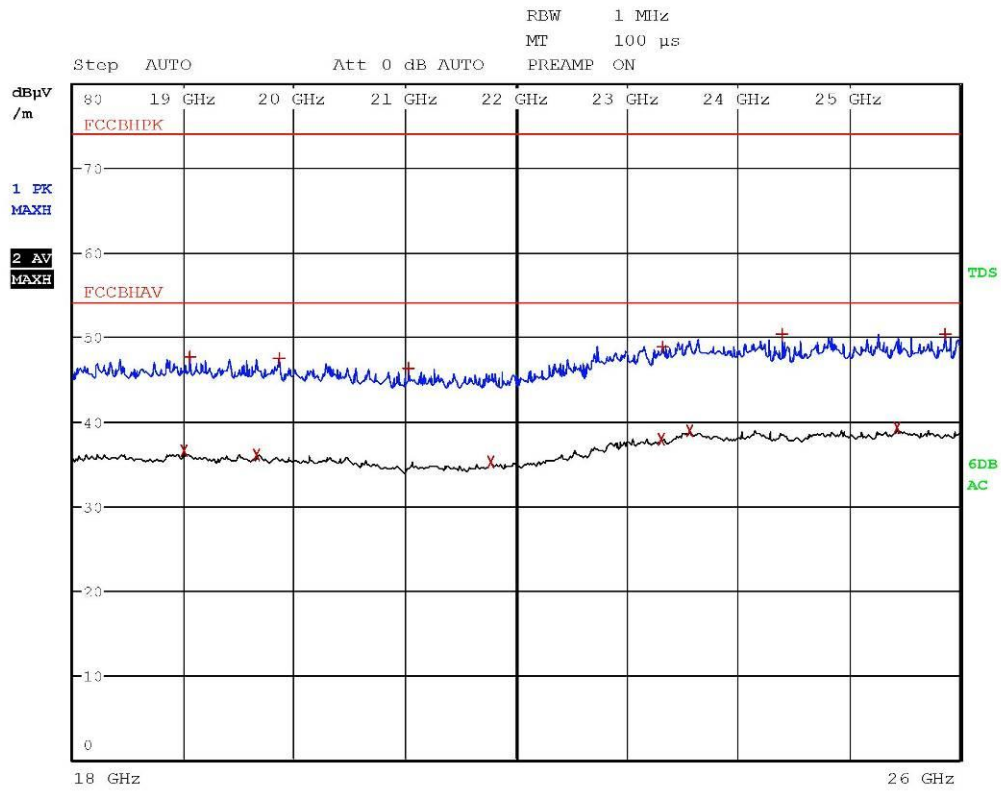
Segalla 17196923



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
2 Average	10.0384 GHz	34.24	-19.73
1 Max Peak	10.5452 GHz	46.47	-27.50
2 Average	11.7564 GHz	35.53	-18.44
1 Max Peak	11.7848 GHz	47.78	-26.20
1 Max Peak	13.0548 GHz	47.60	-26.37
2 Average	13.3776 GHz	35.11	-18.86
2 Average	14.3108 GHz	37.91	-16.06
1 Max Peak	14.3608 GHz	50.01	-23.96
1 Max Peak	14.8276 GHz	47.62	-26.35
2 Average	15.048 GHz	35.67	-18.30
2 Average	17.7324 GHz	43.71	-10.26
1 Max Peak	17.7764 GHz	55.78	-18.19

Segalla 17196923

CMC Centro Misure Compatibilità S.r.l.



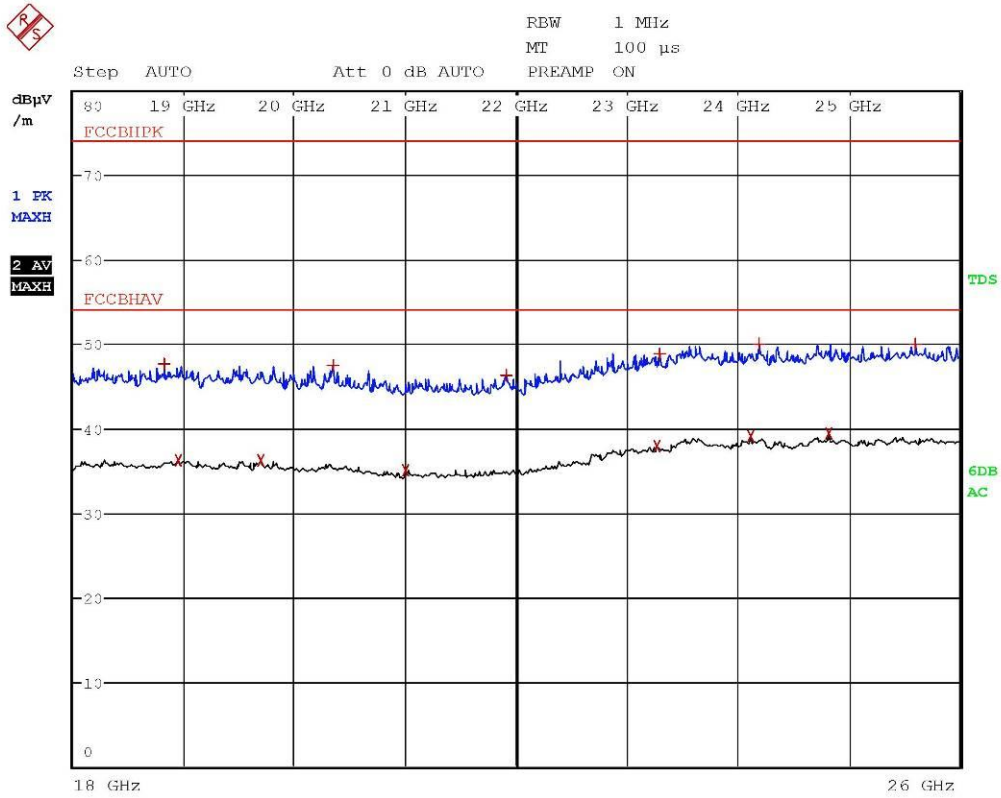
Segalla 17196924

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
2 Average	19.0004 GHz	36.54	-17.43
1 Max Peak	19.0448 GHz	47.63	-26.34
2 Average	19.6552 GHz	36.08	-17.89
1 Max Peak	19.8596 GHz	47.48	-26.49
1 Max Peak	21.0296 GHz	46.22	-27.75
2 Average	21.7704 GHz	35.20	-18.77
2 Average	23.302 GHz	37.93	-16.04
1 Max Peak	23.3236 GHz	48.85	-25.12
2 Average	23.5656 GHz	38.92	-15.05
1 Max Peak	24.3936 GHz	50.27	-23.70
2 Average	25.4308 GHz	39.21	-14.76
1 Max Peak	25.8764 GHz	50.34	-23.63

Segalla 17196924



Segalla 17196925

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Max Peak	18.8204 GHz	47.61	-26.36
2 Average	18.9452 GHz	36.16	-17.81
2 Average	19.6944 GHz	36.17	-17.80
1 Max Peak	20.3396 GHz	47.47	-26.51
2 Average	21.0036 GHz	35.09	-18.89
1 Max Peak	21.9048 GHz	46.37	-27.60
2 Average	23.2664 GHz	37.93	-16.04
1 Max Peak	23.2976 GHz	48.87	-25.10
2 Average	24.1204 GHz	39.05	-14.93
1 Max Peak	24.1928 GHz	49.99	-23.98
2 Average	24.8252 GHz	39.34	-14.63
1 Max Peak	25.5968 GHz	50.07	-23.90

Segalla 17196925

Result: The requirements are met

CMC Centro Misure Compatibilità S.r.l.



11.4 DTS bandwidth

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.247 (a) (2)
- ANSI C63.10 cl. 11.8
- KDB 558074 D01 DTS Meas Guidance v05r01 cl. 8.2
- Internal procedure PM001
- See clause 4 of this test report
- Test date: March 26th, 2019
- Technician: M. Segalla

EUT exercising

See clause 4 of this test report

Test specification

Systems using digital modulation techniques may operate in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

Environmental conditions

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

Test configuration

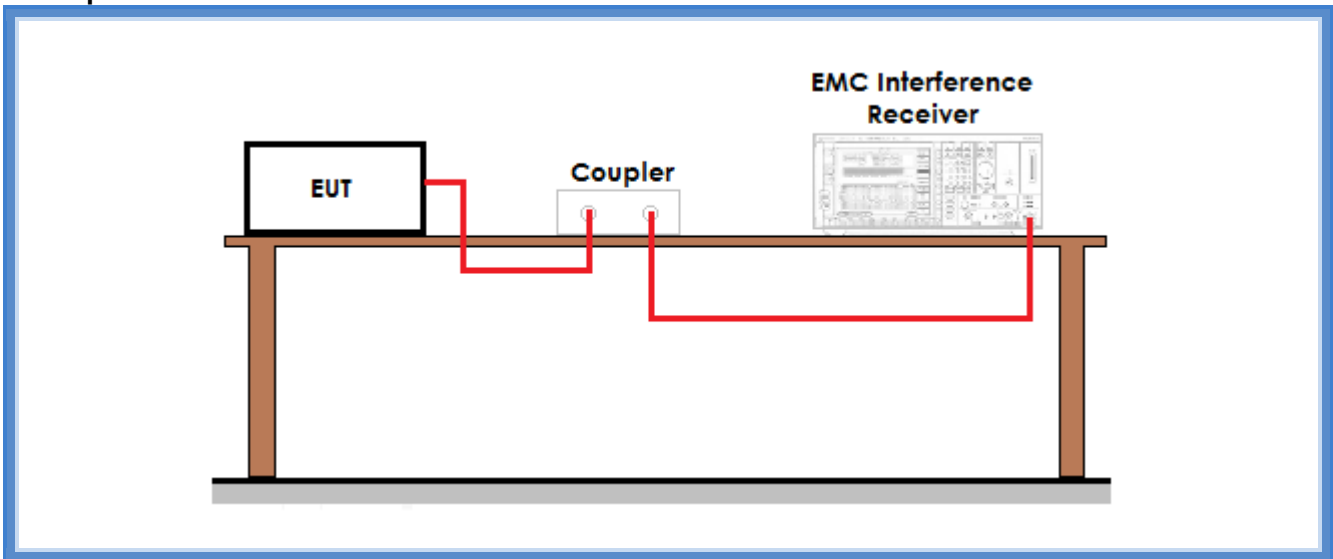
Test site:
 Laboratory

Auxiliary equipment:
 See clause 4 of this test report

Test equipment used

CMC S295, 20 dB attenuator
 Measurement uncertainty: See clause 7 of this test report

Setup



Result

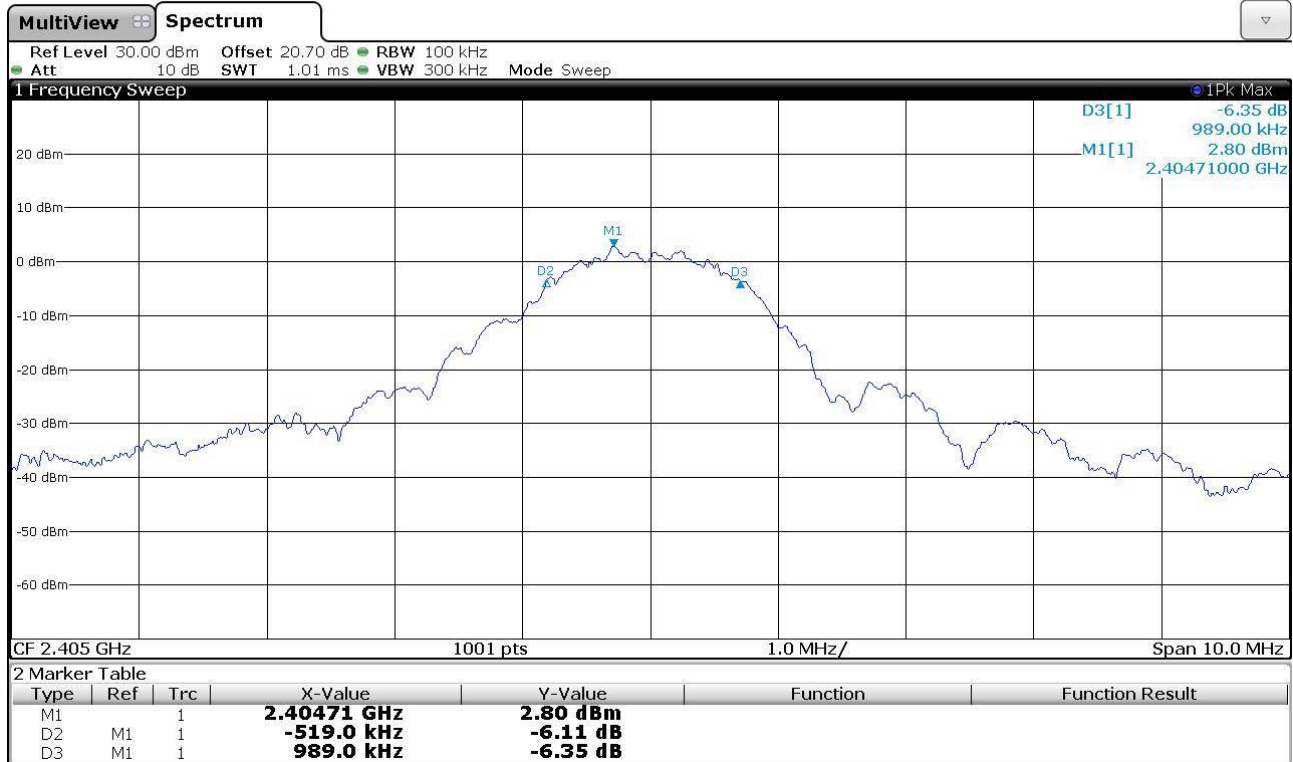
Sample	Channel	Graphs	6 dB bandwidth (kHz)	Limits (kHz)	Results
Kit #1	Lowest	G17196954	1508	At least 500	Complies
Kit #2	Medium	G17196959	1568	At least 500	Complies
Kit #3	Highest	G17196964	1568	At least 500	Complies

Remarks: the total attenuation value is due to the 20 dB attenuator and the cable provided by the manufacturer calibrated before the test. The measured value has been obtained by considering the attenuation value directly during the scan

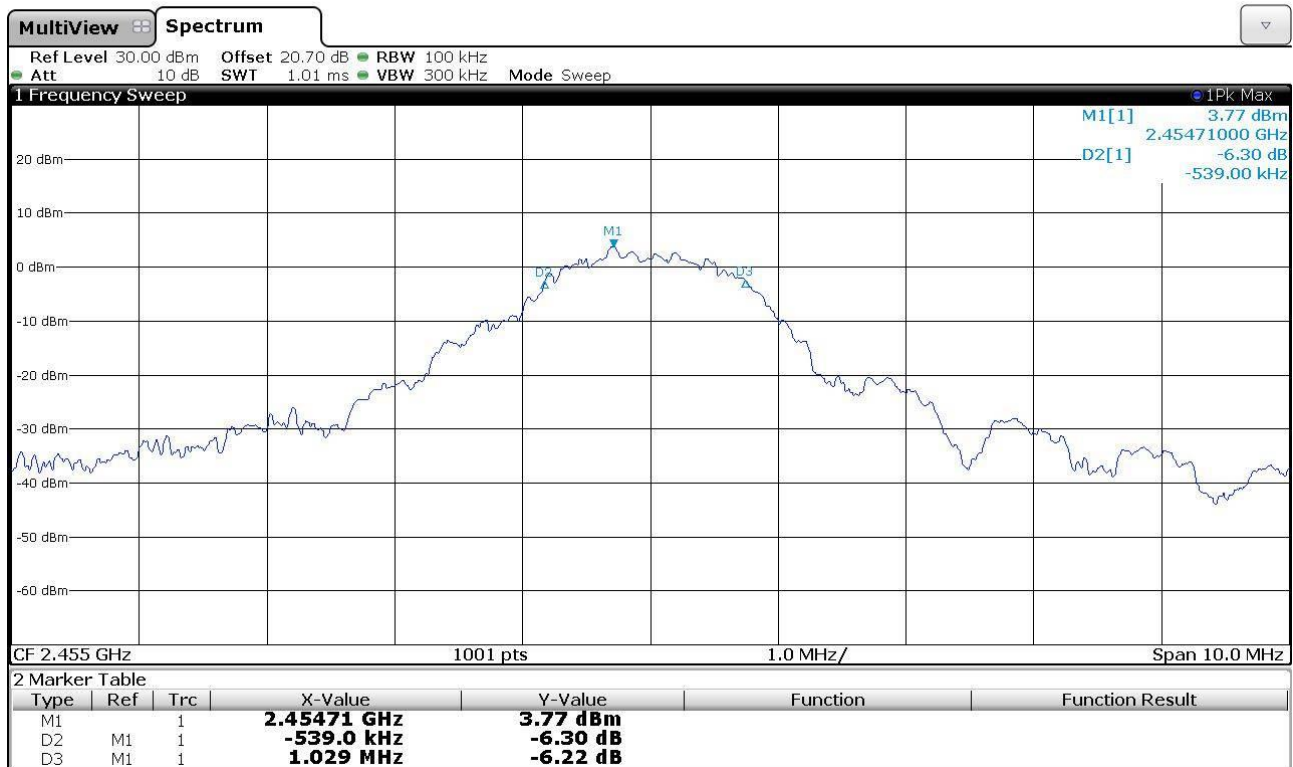


Graphs

Segalla 17196954



Segalla 17196959





Segalla 17196964



Result: The requirements are met

CMC Centro Misure Compatibilità S.r.l.



11.5 Band edge

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.205, 15.209, 15.247 (d)
- ANSI C63.10 cl. 11.11.1 and 11.12.1
- KDB 558074 D01 DTS Meas Guidance v05r01 cl. 8.5 and 8.6
- Internal procedure PM001
- See clause 4 of this test report
- Test date: March 26th, 2019
- Technician: M. Segalla

EUT exercising

See clause 4 of this test report

Test specification

See FCC Part 15.247

Only for test on lowest channel with 100 kHz bandwidth
EUT height about the floor: 150 cm
EUT – Antenna distance: 3 m

Environmental conditions

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

Acceptance limits: operation within the band 2400 – 2483,5 MHz

Test configuration

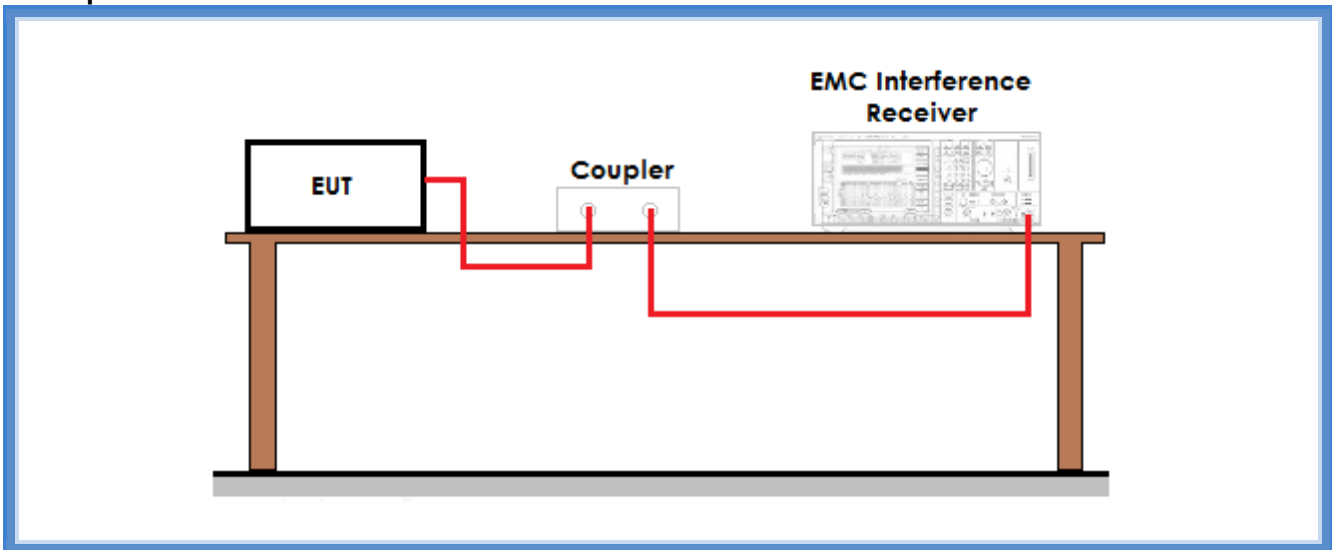
Test site:
Semi-anechoic chamber
Laboratory

Auxiliary equipment:
See clause 4 of this test report

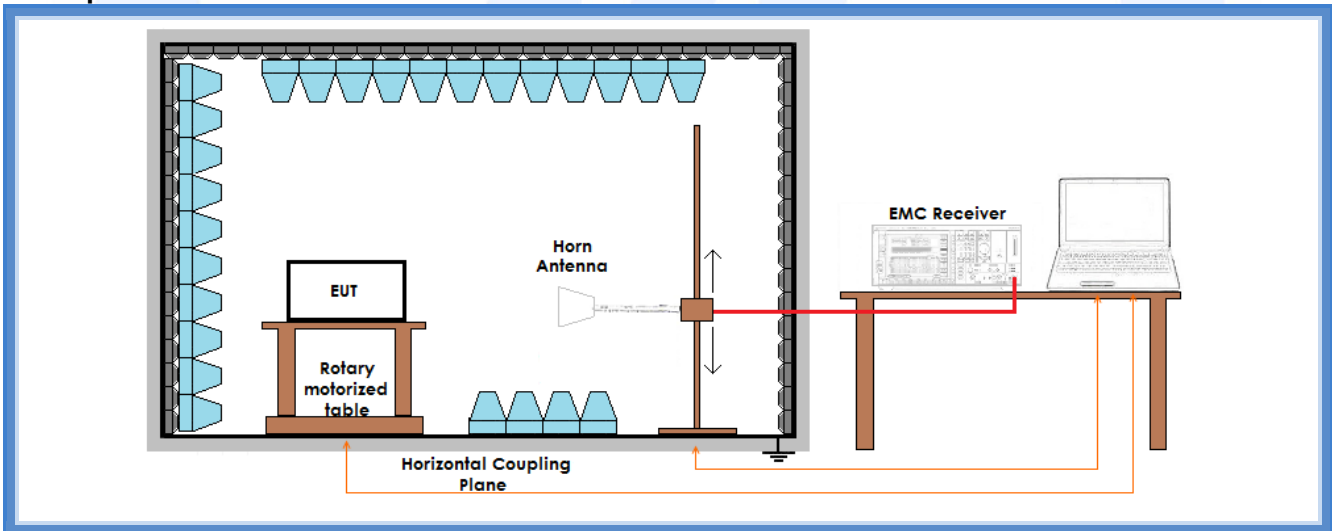
Test equipment used

CMC S295, 20 dB attenuator for test on lowest channel with 100 kHz bandwidth
CMC S108, CMC S164 for other tests
Measurement uncertainty: See clause 7 of this test report

Setup for test on lowest channel with 100 kHz bandwidth



Setup for other tests



Result

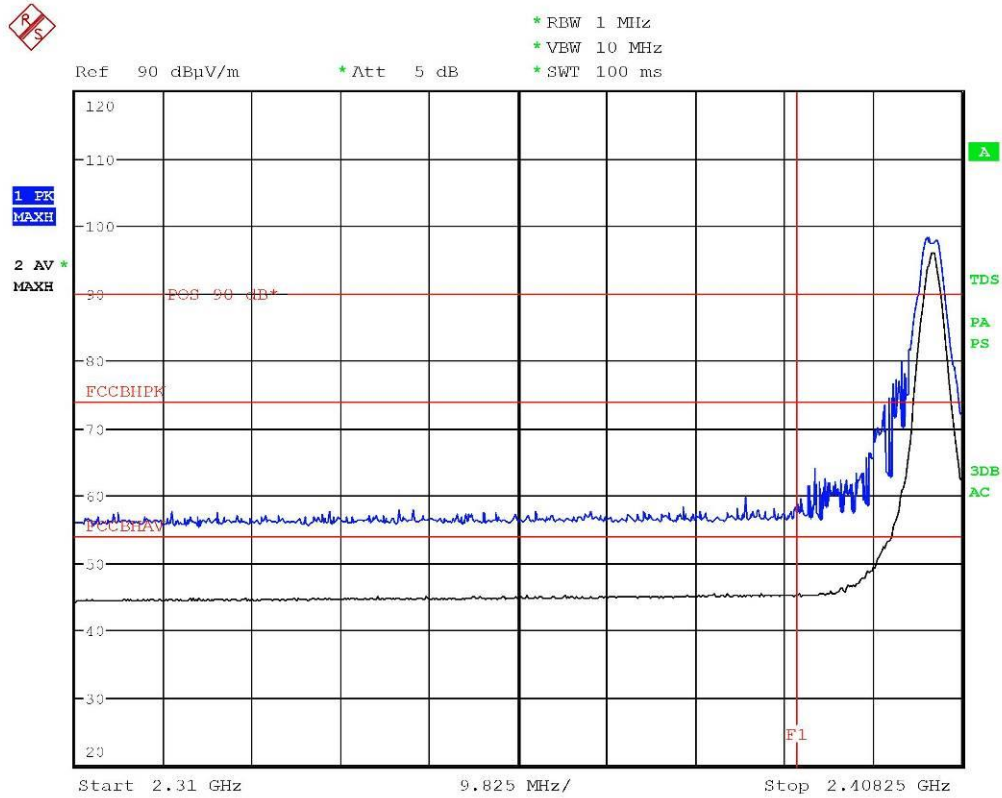
Sample	Channel	Bandwidth	Graph(s)	Results	
Kit #1	Lowest	1 MHz	G17196950*	--	Complies
Kit #1	Lowest	100 kHz	G17196951	2403,4615 MHz	Complies
Kit #2	Highest	1 MHz	G17196952	2480,0384 MHz	Complies
Kit #2	Highest	1 MHz	G17196953**	--	Complies

*: this graph shows the emissions in 2310 – 2390 MHz restricted band

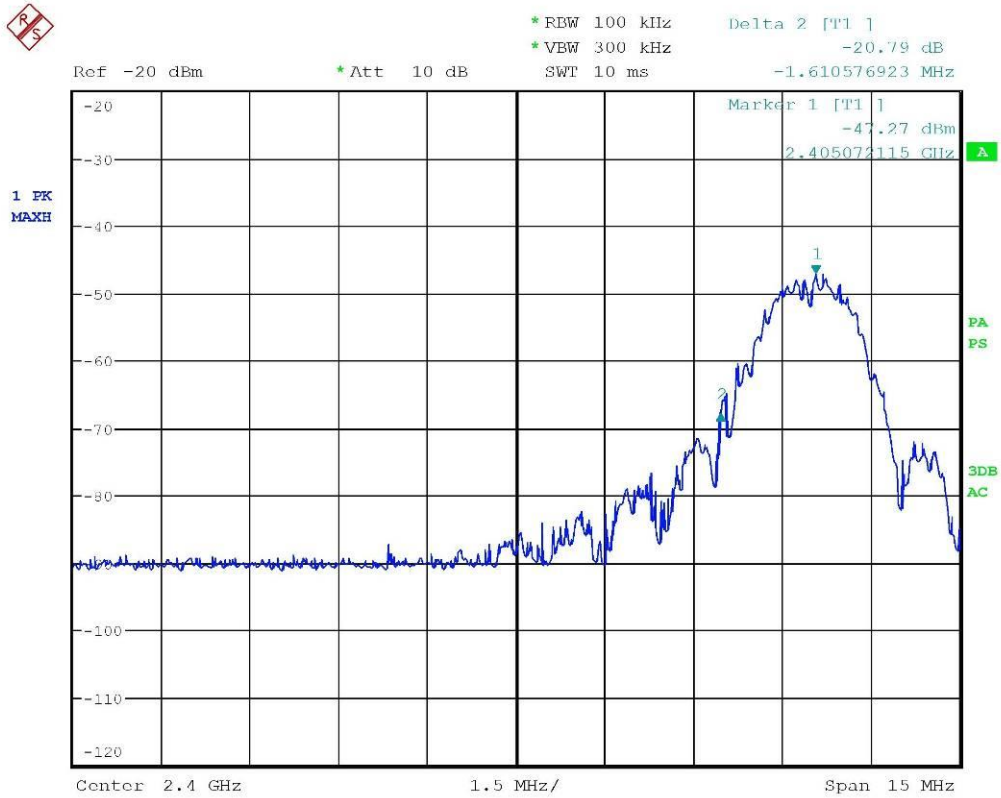
** : this graph shows the emissions in 2483,5 – 2500 MHz restricted band



Graphs

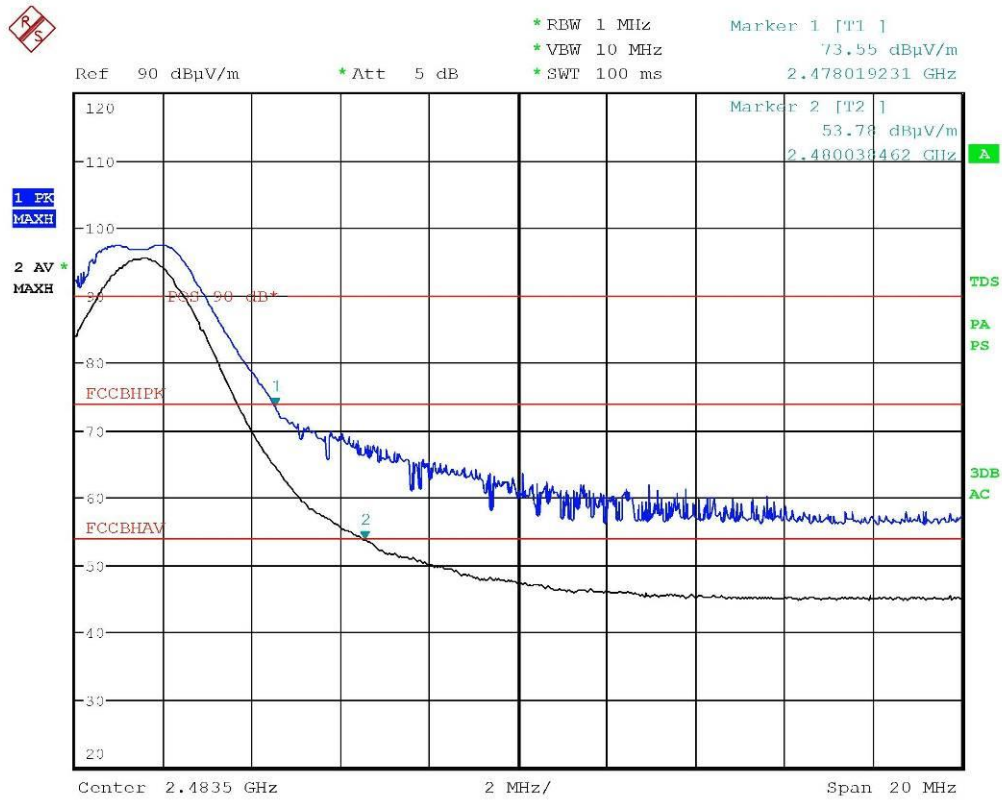


Segalla 17196950



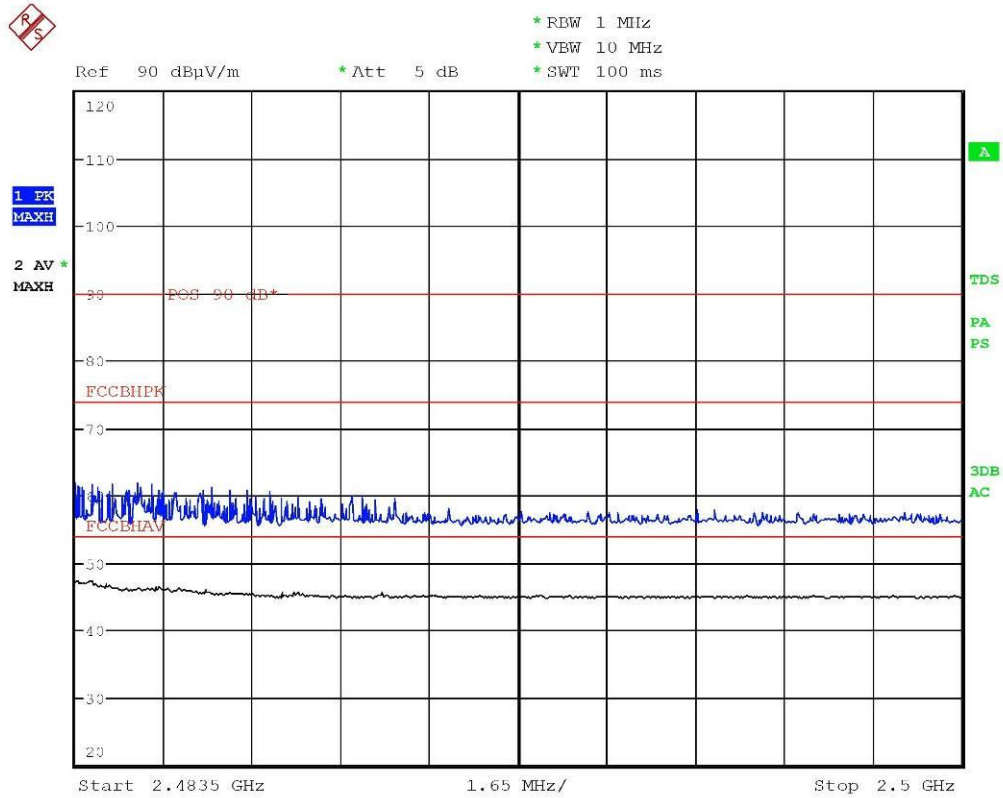
Segalla 17196951

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Segalla 17196952

CMC Centro Misure Compatibilità S.r.l.



Segalla 17196953

Result: The requirements are met

CMC Centro Misure Compatibilità S.r.l.



11.6 Fundamental emission output power

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.247 (b) (3)
- ANSI C63.10 cl. 11.9.1.1
- KDB 558074 D01 DTS Meas Guidance v05r01 cl. 8.3.1.1
- Internal procedure PM001
- See clause 4 of this test report
- Test date: March 26th, 2019
- Technician: M. Segalla

Test configuration

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 S295, 20 dB attenuator
 Measurement uncertainty: See clause 7 of this test report

Test specification

Port: antenna connector

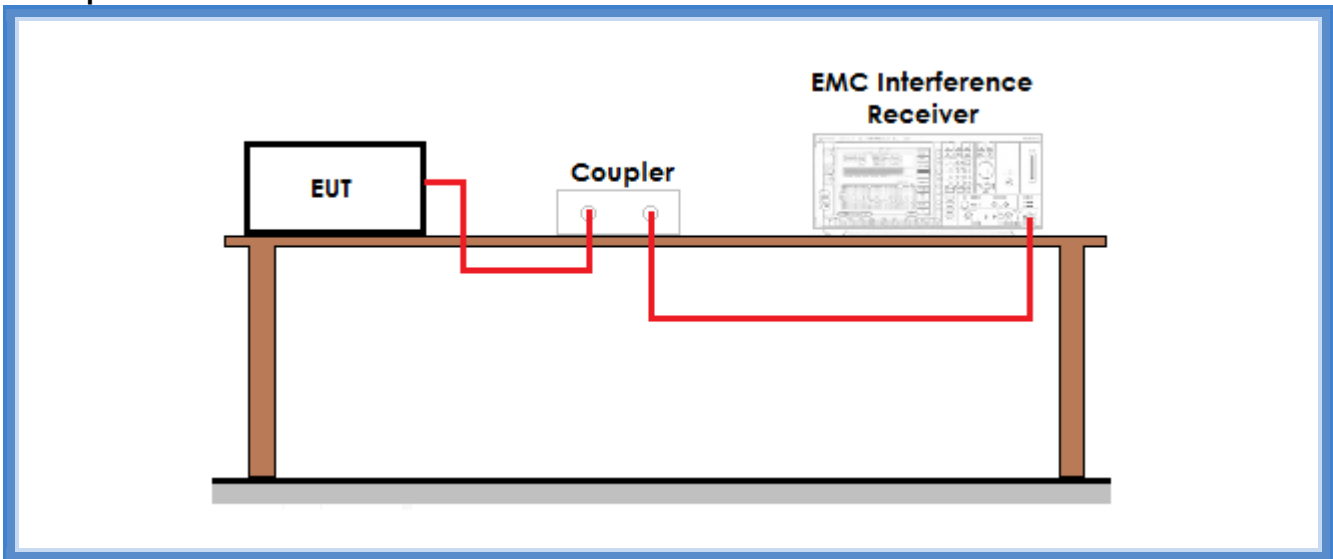
Environmental conditions

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

Acceptance limits:

For systems using digital modulation in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands: 1 Watt

Setup



Result

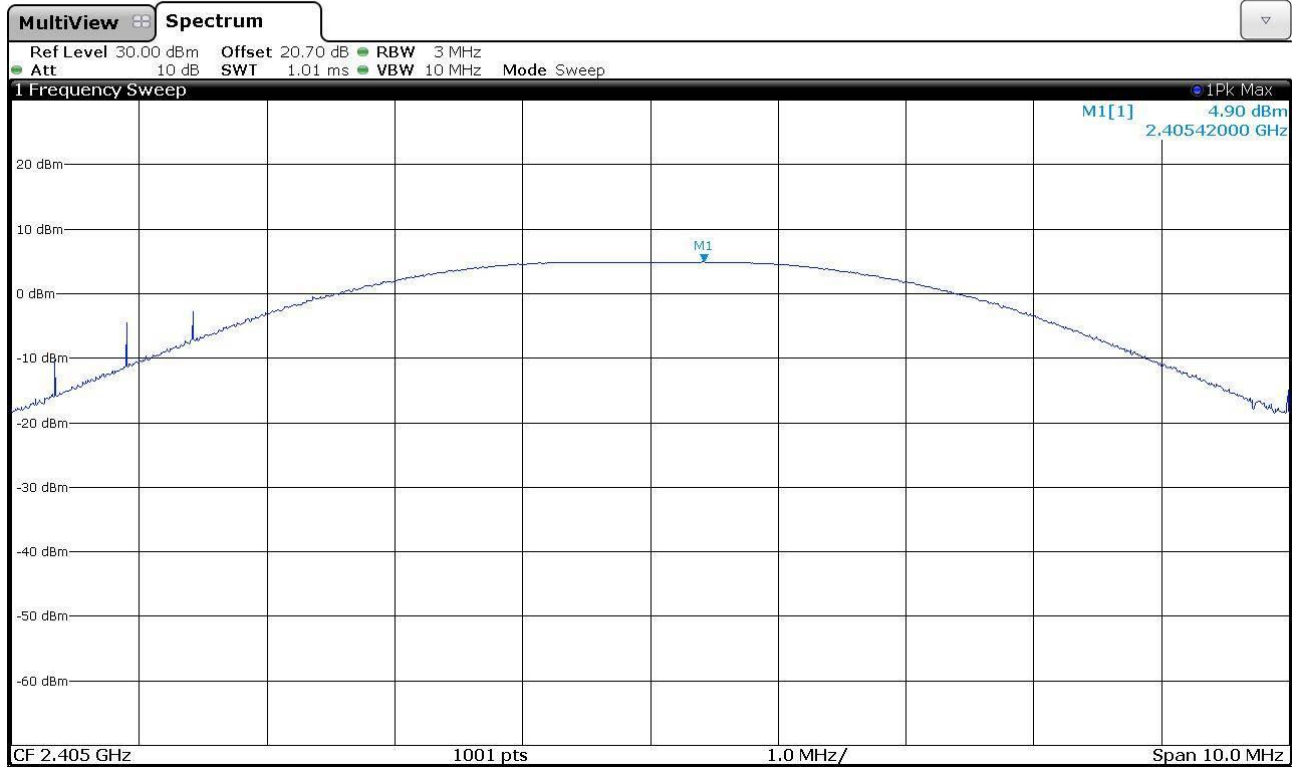
Sample	Channel	Graphs	Measured level (dBm)	Calculated level (W)
Kit #1	Lowest	G17196957	4,90	0,00309
Kit #2	Medium	G17196962	6,12	0,00409
Kit #3	Highest	G17196967	4,06	0,00255

Remarks: the total attenuation value is due to the 20 dB attenuator and the cable provided by the manufacturer calibrated before the test. The measured value has been obtained by considering the attenuation value directly during the scan

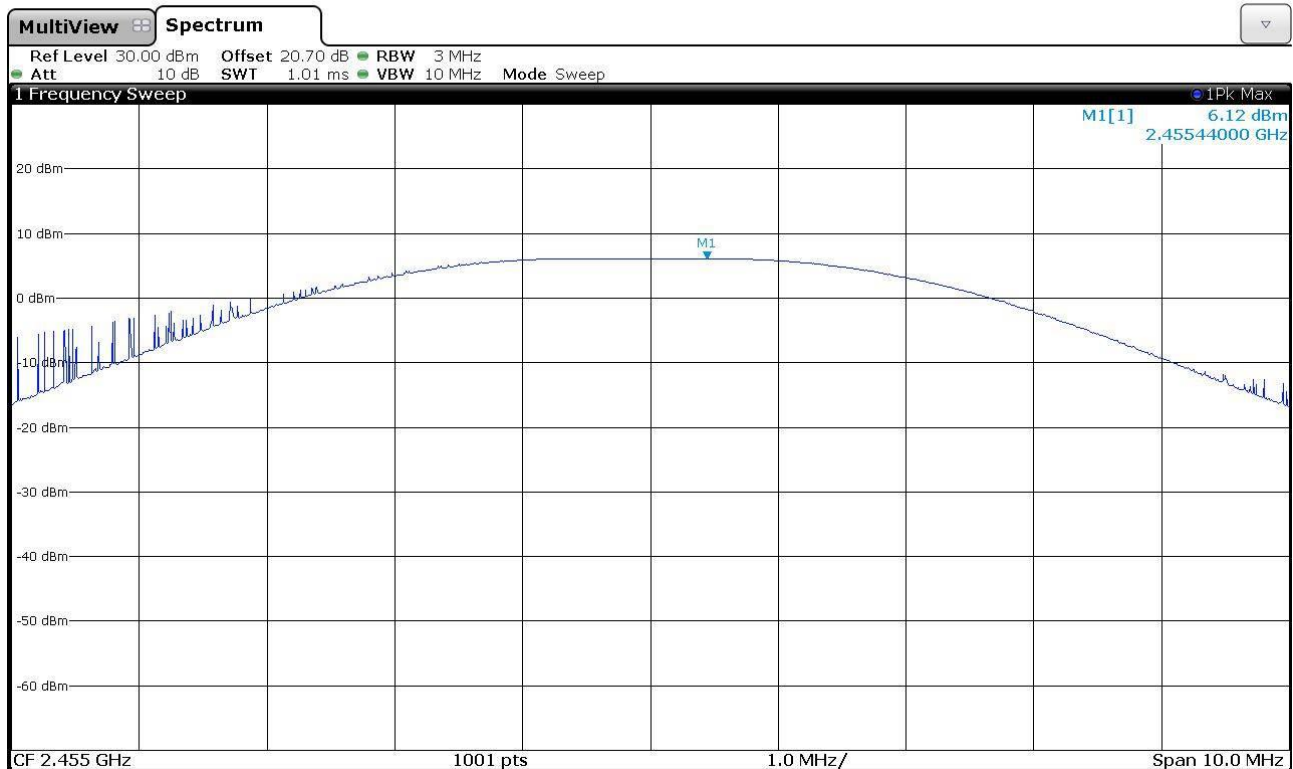


Graphs

Segalla 17196957



Segalla 17196962



CMC Centro Misure Compatibilità S.r.l.



Segalla 17196967



Result: The requirements are met

CMC Centro Misure Compatibilità S.r.l.



11.7 Maximum power spectral density level in the fundamental emission

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.247 (e)
- ANSI C63.10 cl. 11.10.2
- KDB 558074 D01 DTS Meas Guidance v05r01 cl. 8.4
- Internal procedure PM001
- See clause 4 of this test report
- Test date: March 26th, 2019
- Technician: M. Segalla

Test configuration

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 S295, 20 dB attenuator
 Measurement uncertainty: See clause 7 of this test report

Test specification

Port: antenna connector

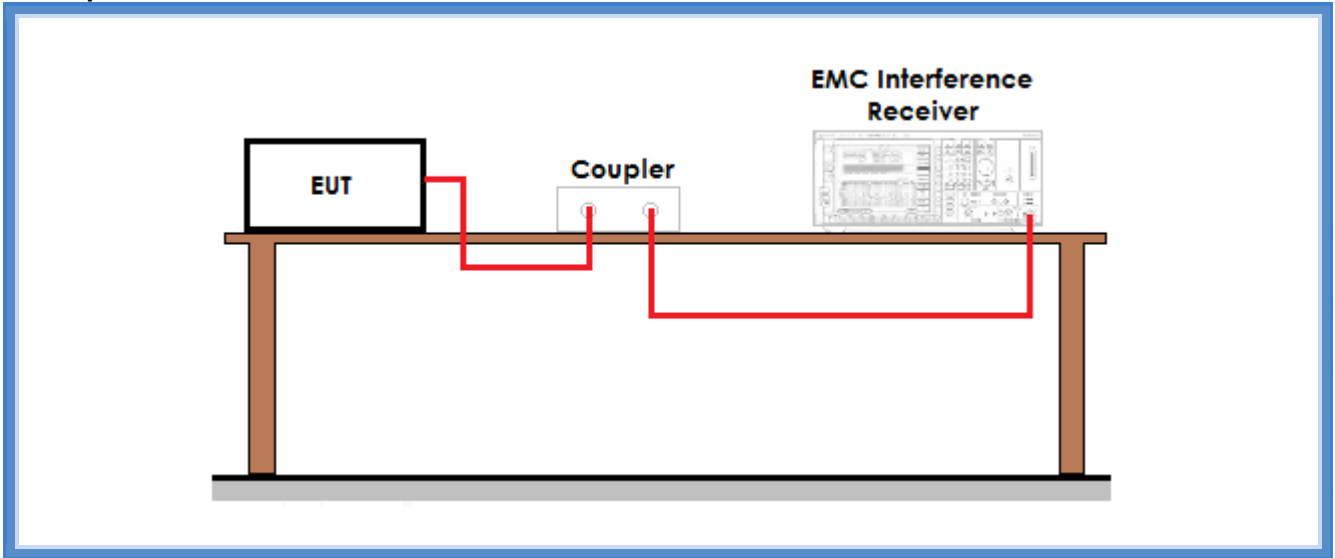
Environmental conditions

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

Acceptance limits:

Frequency Range	Power Spectral Density
2400 – 2483,5 MHz	8 dBm/3 kHz 6,31 mW/3 kHz

Setup



Result

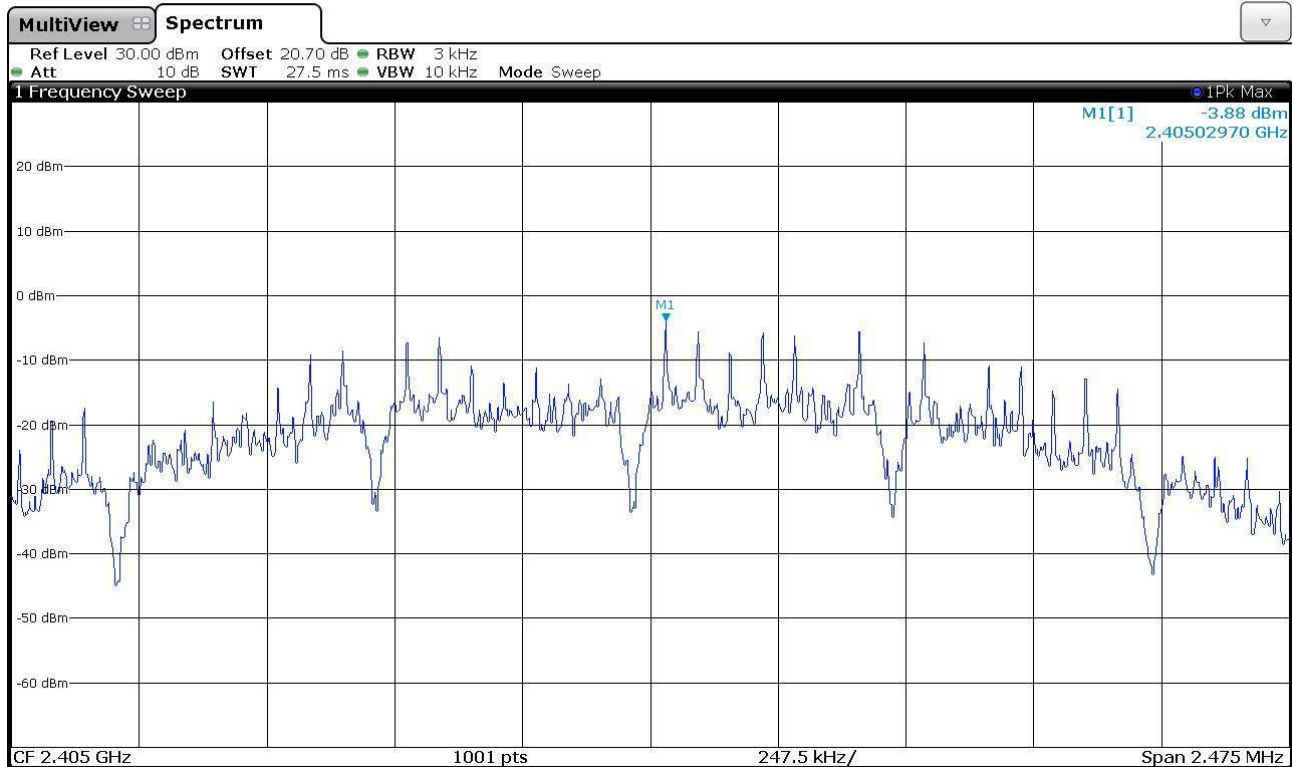
Sample	Channel	Graphs	Measured level (dBm/3 kHz)
Kit #1	Lowest	G17196958	-3,88
Kit #2	Medium	G17196963	-2,90
Kit #3	Highest	G17196968	-5,49

Remarks: the total attenuation value is due to the 20 dB attenuator and the cable provided by the manufacturer calibrated before the test. The measured value has been obtained by considering the attenuation value directly during the scan

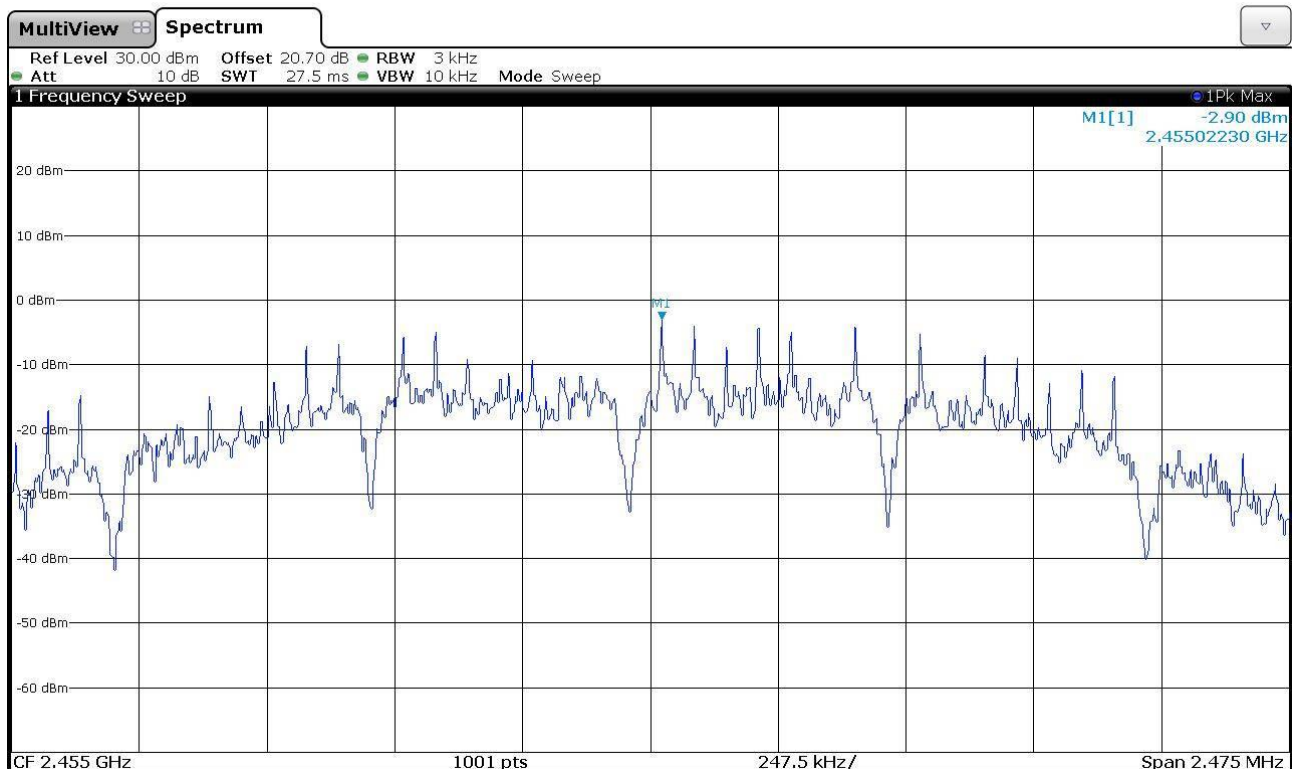


Graphs

Segalla 17196958

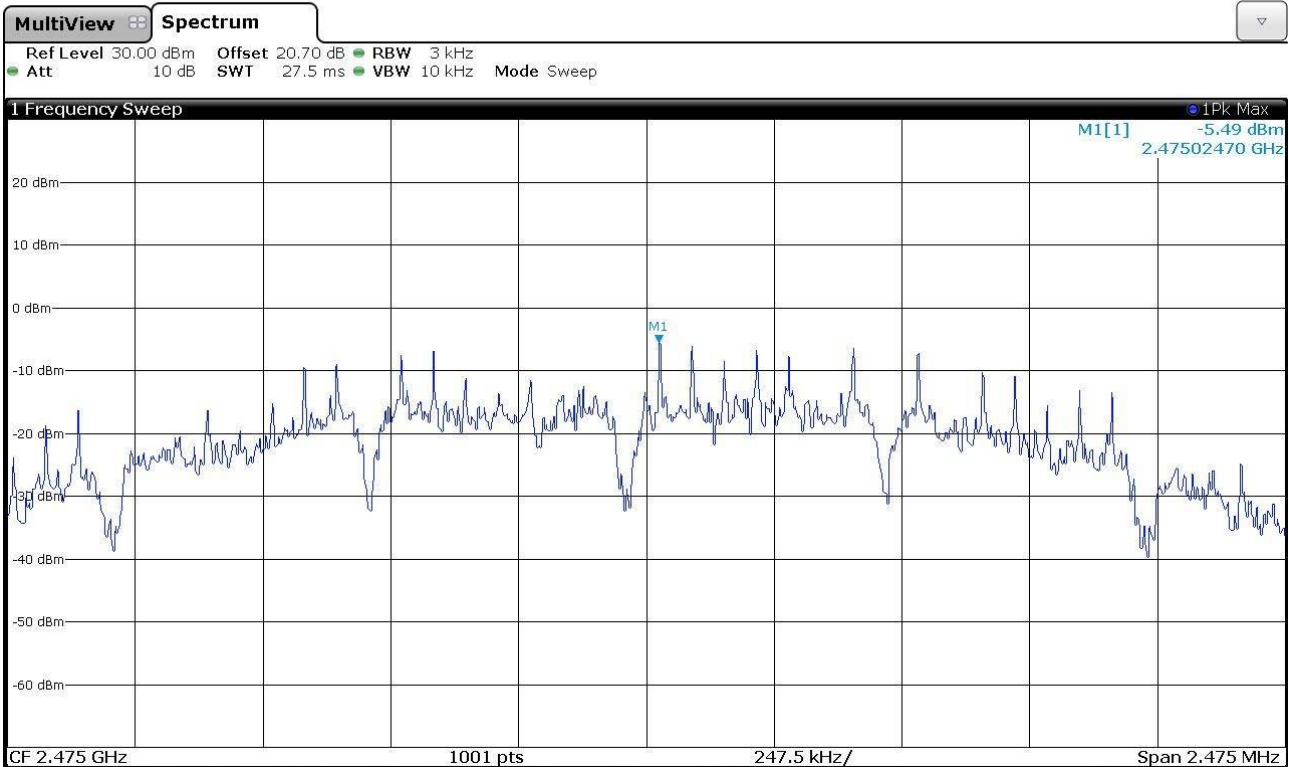


Segalla 17196963





Segalla 17196968



Result: The requirements are met

CMC Centro Misure Compatibilità S.r.l.



11.8 Spurious Emission

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part. 15.247 (d)
- KDB 558074 D01 DTS Meas Guidance v05r01 cl. 8.5 and 8.6
- ANSI C63.10 cl. 11.11, 11.12.1
- Internal procedure PM001
- See clause 4 of this test report
- Test date: March 13th, 2018
- Technician: M. Segalla

EUT exercising

See clause 4 of this test report

Test specification

Port: Enclosure
Antenna polarization: Horizontal (H) – Vertical (V)
EUT height about the floor: 150 cm
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 (according FCC Part 15.209)

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 (according to FCC Part 15.205)

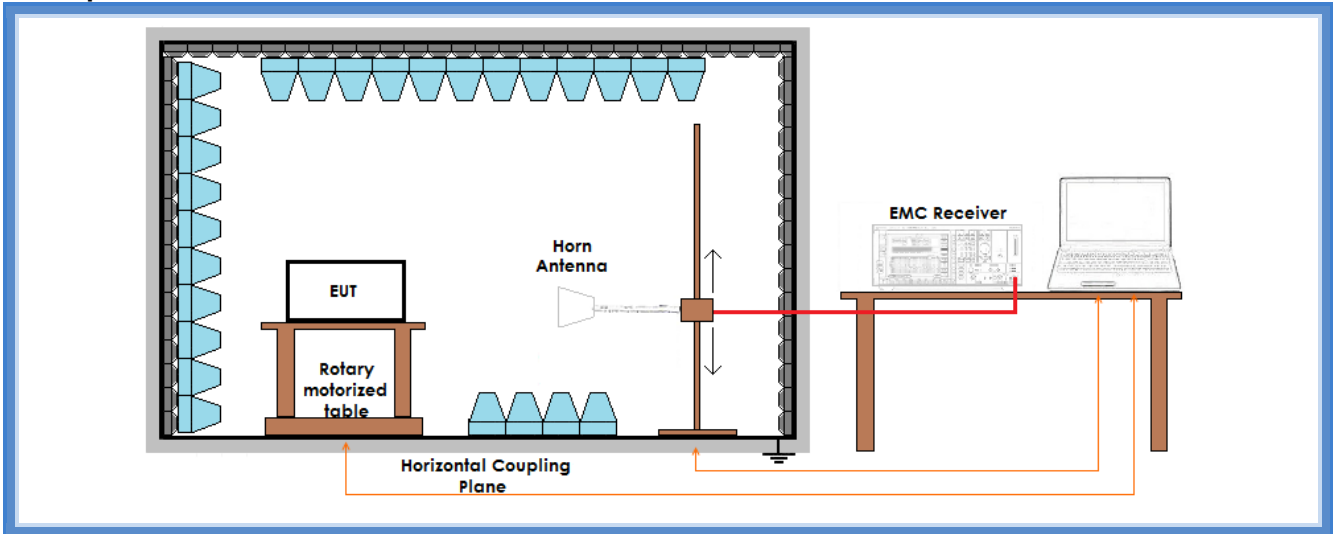
MHz	MHz	MHz	GHz
0,09 – 0,110	16,42 – 16,423	399,9 – 410	4,5 – 5,15
0,495 – 0,505	16,69475 – 16,69525	608 – 614	5,35 – 5,46
2,1735 – 2,1905	16,80425 – 16,80475	960 – 1240	7,25 – 7,75
4,125 – 4,128	25,5 – 25,67	1300 – 1427	8,025 – 8,5
4,17725 – 4,17775	37,5 – 38,25	1435 – 1626,5	9,0 – 9,2
4,20725 – 4,20775	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
8,41425 – 8,41475	162,0125 – 167,17	3260 – 3267	23,6 – 24
12,29 – 12,293	167,72 – 173,2	3332 – 3339	31,2 – 31,8
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 (according to ANSI C63.10 cl. 11.11.1)

The DTS rules specify that in any 100 kHz bandwidth outside of the authorized frequency band, the power shall be attenuated according to the following conditions:

- If the maximum peak conducted output power procedure was used to demonstrate compliance as described in 9.1, then the peak output power measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz
- If maximum conducted (average) output power was used to demonstrate compliance as described in 9.2, then the peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum in-band peak PSD level in 100 kHz.
- In either case, attenuation to levels below the 15.209 general radiated emissions limits is not required

Setup



Remarks: reference graphs are reported on cl. 11.3 of this Test Report

Result – AV detector

Harmonic	Lowest channel (Kit #1)		Medium channel (Kit #2)		Highest channel (Kit #3)		Results
	Level (dB μ V/m)	Limits (dB μ V/m)	Level (dB μ V/m)	Limits (dB μ V/m)	Level (dB μ V/m)	Limits (dB μ V/m)	
II	More than 20 dB below limit	54,00	More than 20 dB below limit	54,00	More than 20 dB below limit	54,00	Complies
III	More than 20 dB below limit	54,00	More than 20 dB below limit	54,00	More than 20 dB below limit	54,00	Complies
IV	More than 20 dB below limit	54,00	More than 20 dB below limit	54,00	More than 20 dB below limit	54,00	Complies
V	More than 20 dB below limit	54,00	More than 20 dB below limit	54,00	More than 20 dB below limit	54,00	Complies
VI	More than 20 dB below limit	54,00	More than 20 dB below limit	54,00	More than 20 dB below limit	54,00	Complies
VII	More than 20 dB below limit	54,00	More than 20 dB below limit	54,00	More than 20 dB below limit	54,00	Complies
VIII	More than 20 dB below limit	54,00	More than 20 dB below limit	54,00	More than 20 dB below limit	54,00	Complies
IX	More than 20 dB below limit	54,00	More than 20 dB below limit	54,00	More than 20 dB below limit	54,00	Complies
X	More than 20 dB below limit	54,00	More than 20 dB below limit	54,00	More than 20 dB below limit	54,00	Complies

Remarks: EUT was tested in 3 orthogonal planes. The results in this table show the highest values. No spurious other than harmonics have been found. The results have been extrapolated to the specified distance using an extrapolation factor. For all harmonics it was considered the limit of 54 dB μ V/m as a worse case



Result – Peak detector

Harmonic	Lowest channel (Kit #1)		Medium channel (Kit #2)		Highest channel (Kit #3)		Results
	Level (dB μ V/m)	Limits (dB μ V/m)	Level (dB μ V/m)	Limits (dB μ V/m)	Level (dB μ V/m)	Limits (dB μ V/m)	
II	More than 20 dB below limit	74,00	More than 20 dB below limit	74,00	More than 20 dB below limit	74,00	Complies
III	More than 20 dB below limit	74,00	More than 20 dB below limit	74,00	More than 20 dB below limit	74,00	Complies
IV	More than 20 dB below limit	74,00	More than 20 dB below limit	74,00	More than 20 dB below limit	74,00	Complies
V	More than 20 dB below limit	74,00	More than 20 dB below limit	74,00	More than 20 dB below limit	74,00	Complies
VI	More than 20 dB below limit	74,00	More than 20 dB below limit	74,00	More than 20 dB below limit	74,00	Complies
VII	More than 20 dB below limit	74,00	More than 20 dB below limit	74,00	More than 20 dB below limit	74,00	Complies
VIII	More than 20 dB below limit	74,00	More than 20 dB below limit	74,00	More than 20 dB below limit	74,00	Complies
IX	More than 20 dB below limit	74,00	More than 20 dB below limit	74,00	More than 20 dB below limit	74,00	Complies
X	More than 20 dB below limit	74,00	More than 20 dB below limit	74,00	More than 20 dB below limit	74,00	Complies

Remarks: EUT was tested in 3 orthogonal planes. The results in this table show the highest values. No spurious other than harmonics have been found. The results have been extrapolated to the specified distance using an extrapolation factor. For all harmonics it was considered the limit of 74 dB μ V/m as a worse case

Result: The requirements are met