

Annex 1: Measurement diagrams 21-1-0178701T021a-C01-A1

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Testing company:	cetecom advanced GmbH Im Teelbruch 116 45219 Essen Germany Tel. + 49 (0) 20 54 / 95 19-0 Fax: + 49 (0) 20 54 / 95 19-150	Applicant:	Actia Nordic AB
Product: Model:	Telematic Device 104760201		
FCC ID:	2AGKK104760201	IC:	20839-104760201
Testing has been carried out in accordance with:	FCC Regulations Title 47 CFR, Chapter I, Subchapter A, Part 15 Subpart E Unlicensed National Information Infrastructure Devices § 15.407 General technical requirements		

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1 RF output power

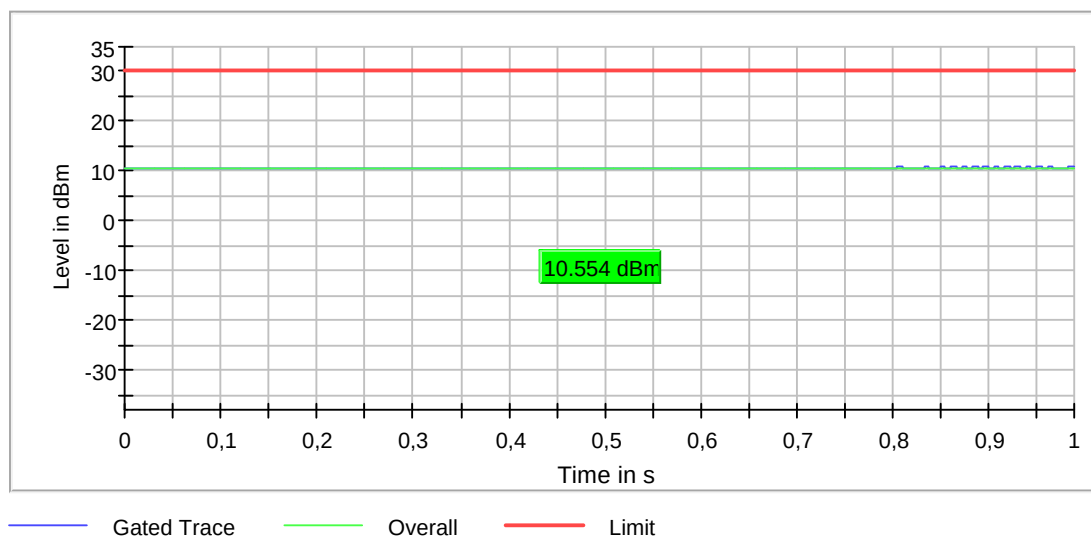
RF output power (5180 MHz; a-mode [6Mbps] (12 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5180.000000	10.6	30.0	10.6	99.298	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

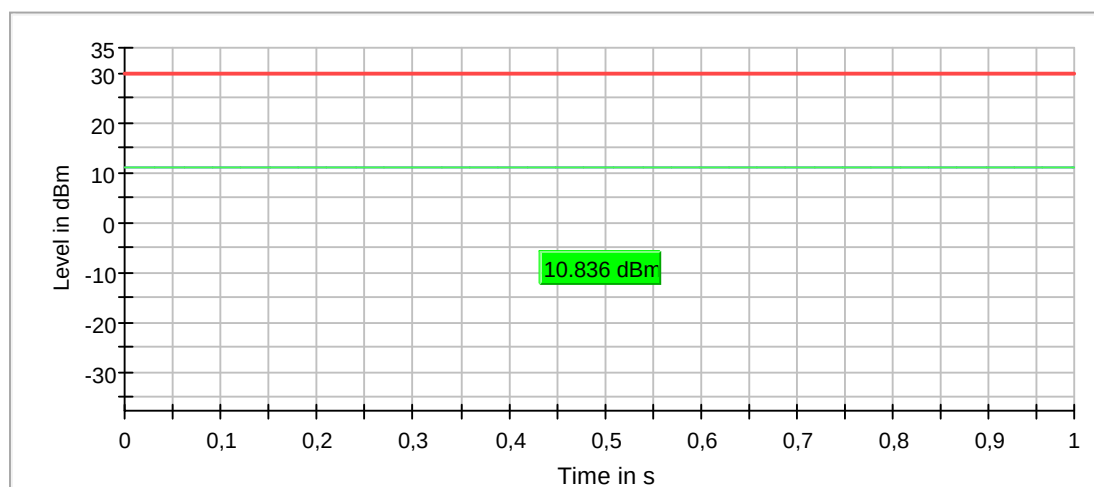
RF output power (5200 MHz; a-mode [6Mbps] (12 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5200.000000	10.8	30.0	10.8	99.297	PASS

Gated Trace



— Gated Trace — Overall — Limit

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

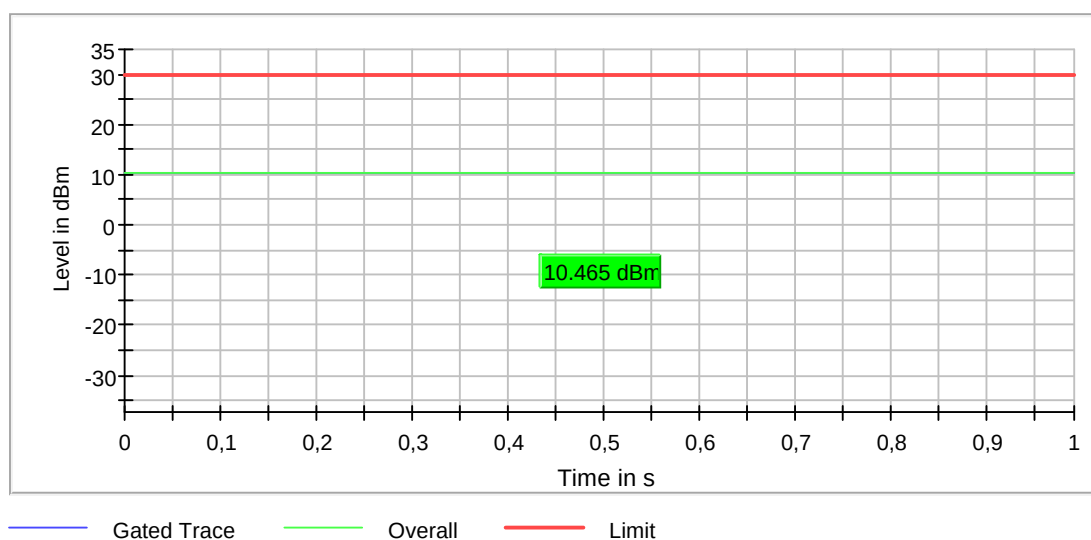
RF output power (5240 MHz; a-mode [6Mbps] (12 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5240.000000	10.5	30.0	10.5	99.298	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

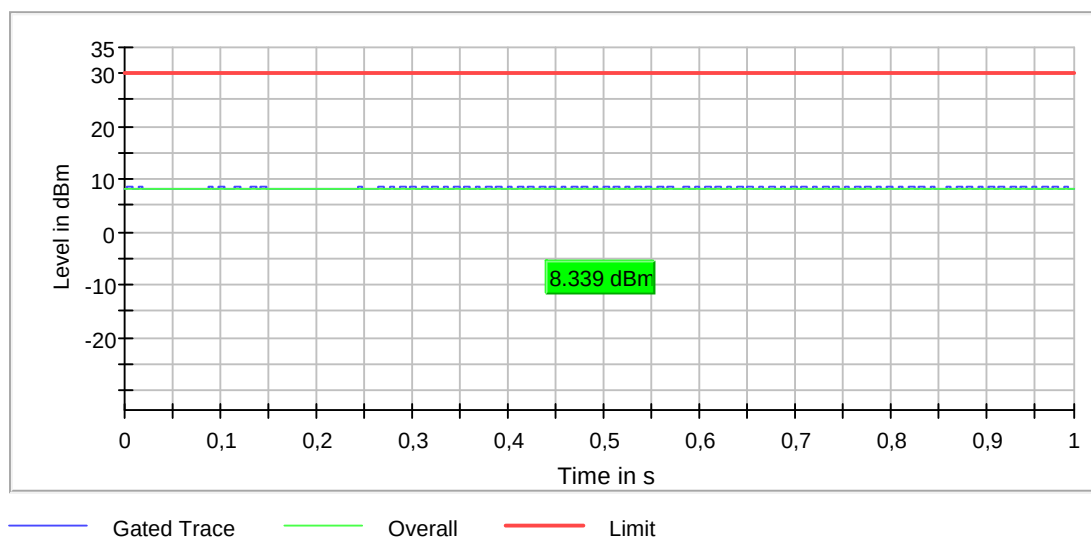
RF output power (5745 MHz; a-mode [6Mbps] (12 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5745.000000	8.3	30.0	8.3	99.302	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

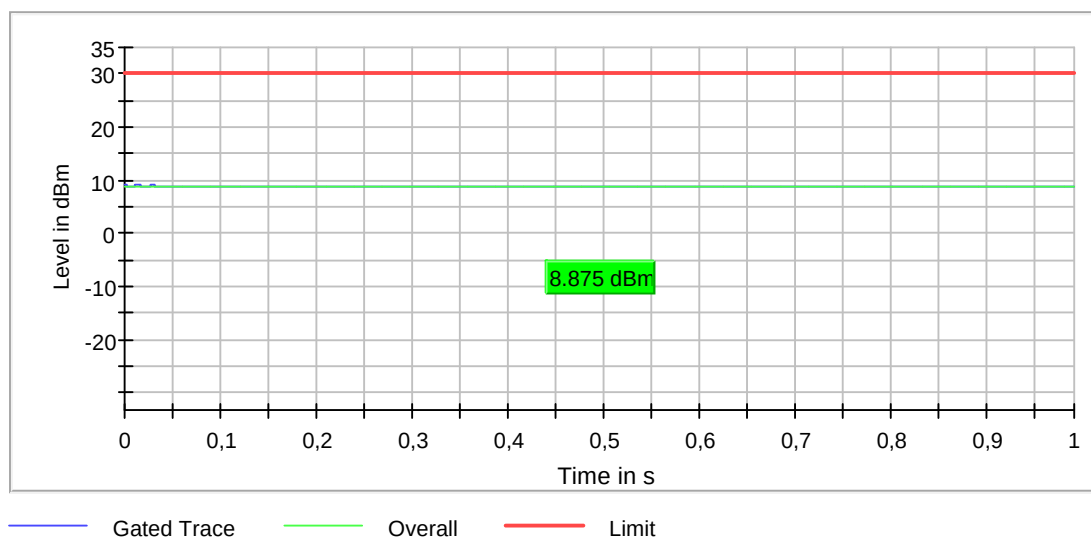
RF output power (5785 MHz; a-mode [6Mbps] (12 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5785.000000	8.9	30.0	8.9	99.302	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

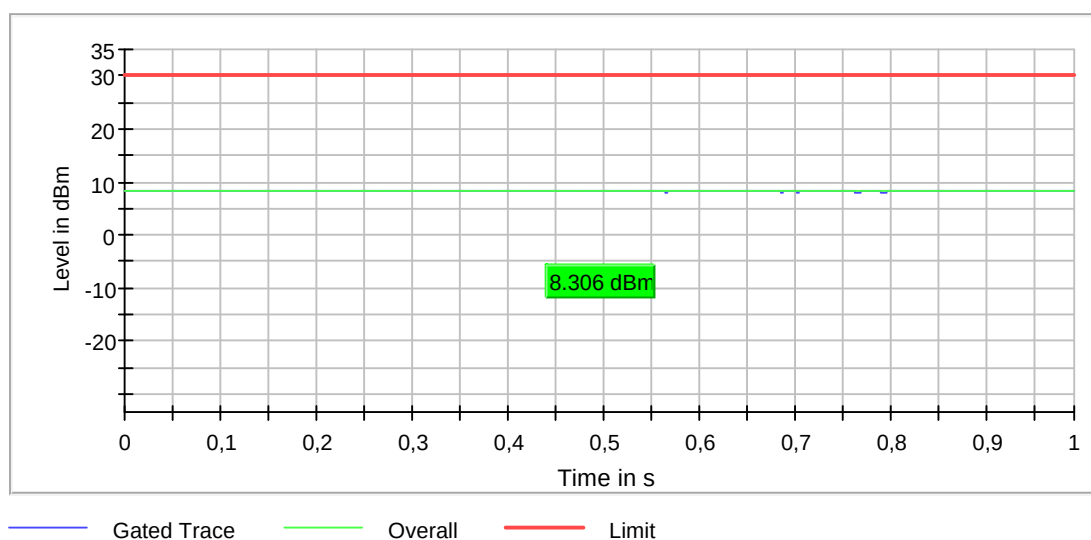
RF output power (5825 MHz; a-mode [6Mbps] (12 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5825.000000	8.3	30.0	8.3	99.303	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

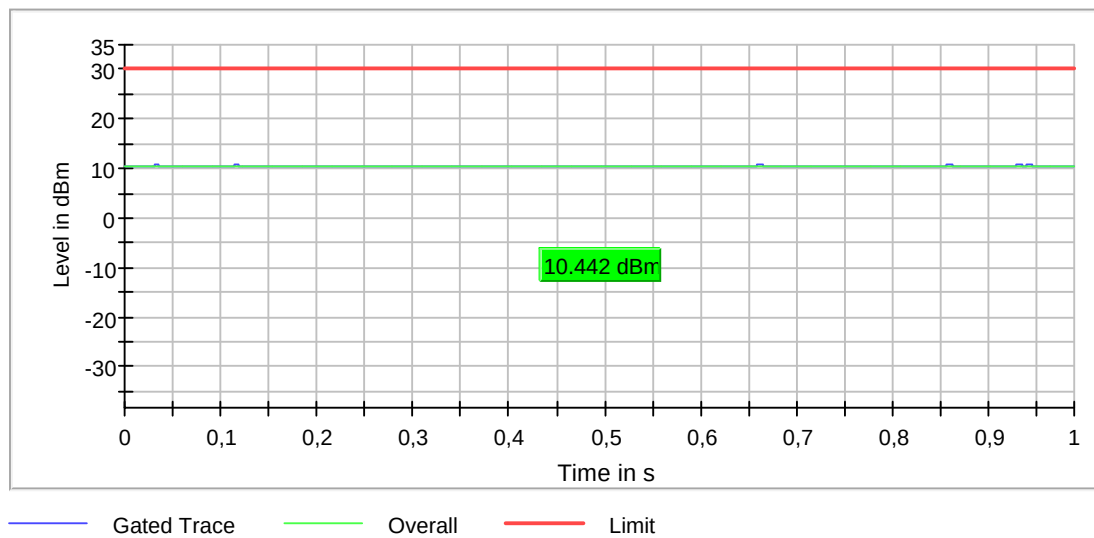
RF output power (5180 MHz; n20-mode [6Mbps] (12 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5180.000000	10.4	30.0	10.4	99.243	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

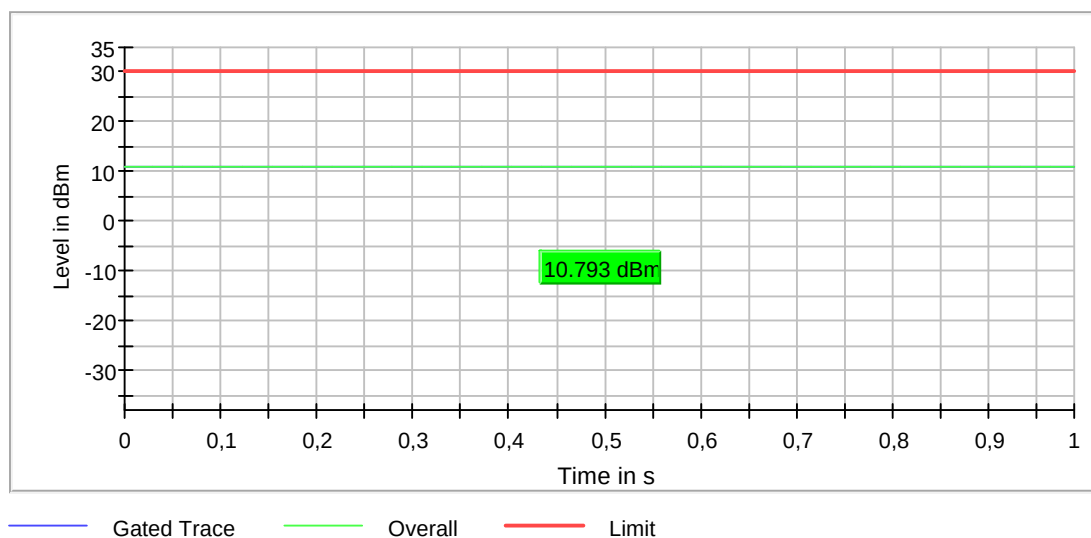
RF output power (5200 MHz; n20-mode [6Mbps] (12 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5200.000000	10.8	30.0	10.8	99.245	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

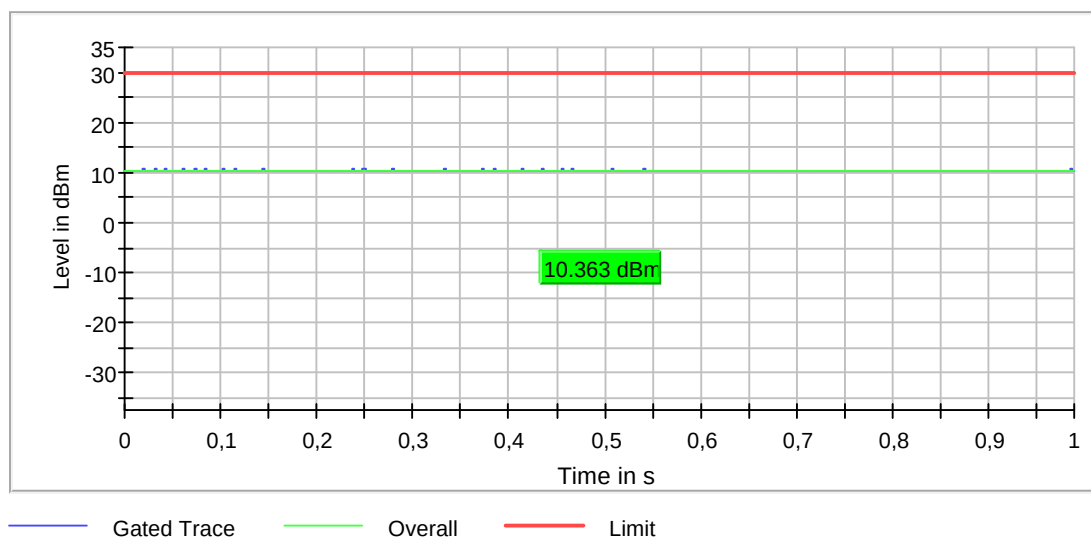
RF output power (5240 MHz; n20-mode [6Mbps] (12 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5240.000000	10.4	30.0	10.4	99.243	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

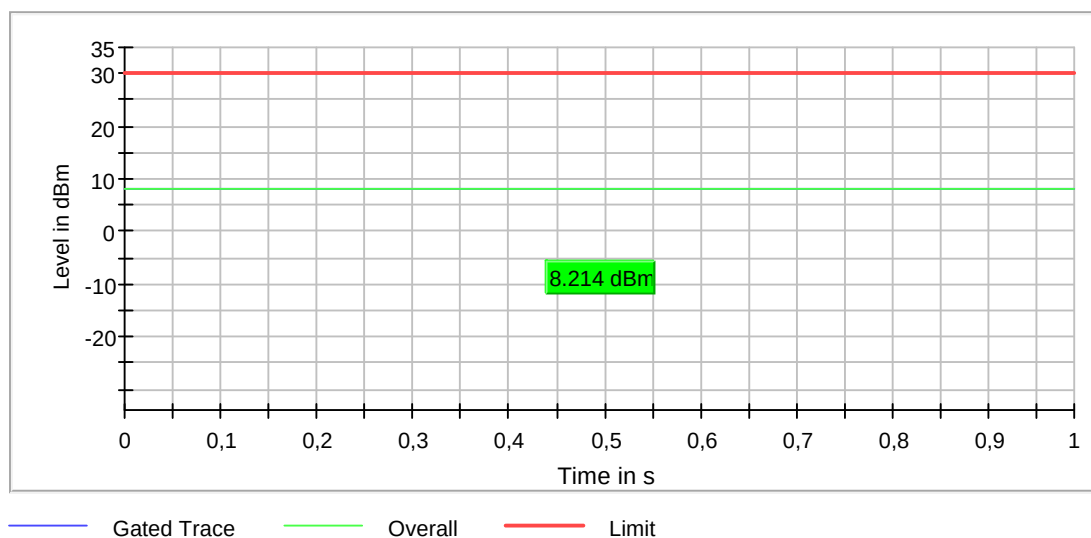
RF output power (5745 MHz; n20-mode [6Mbps] (12 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5745.000000	8.2	30.0	8.2	99.250	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

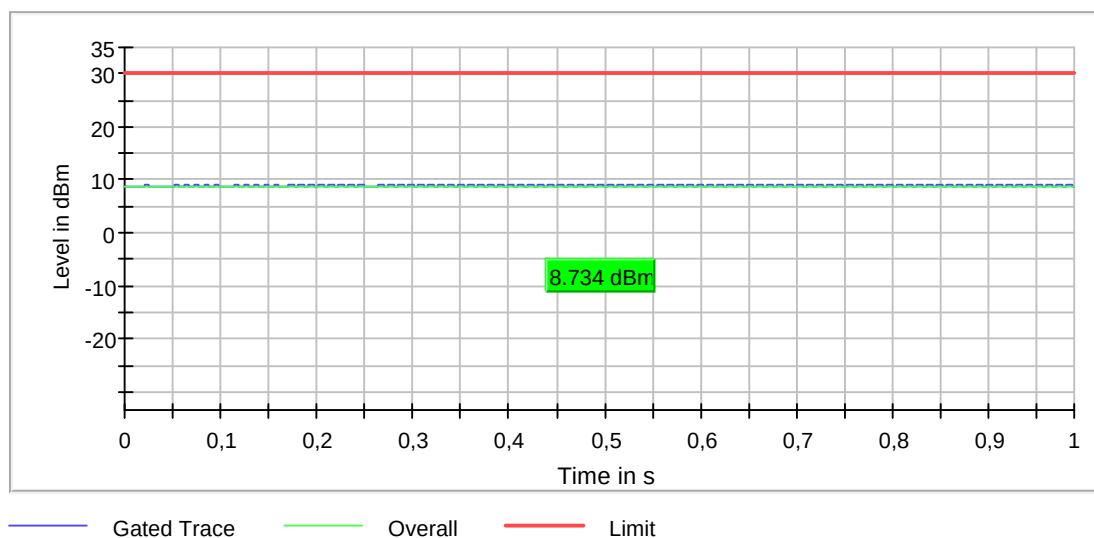
RF output power (5785 MHz; n20-mode [6Mbps] (12 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5785.000000	8.7	30.0	8.7	99.249	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

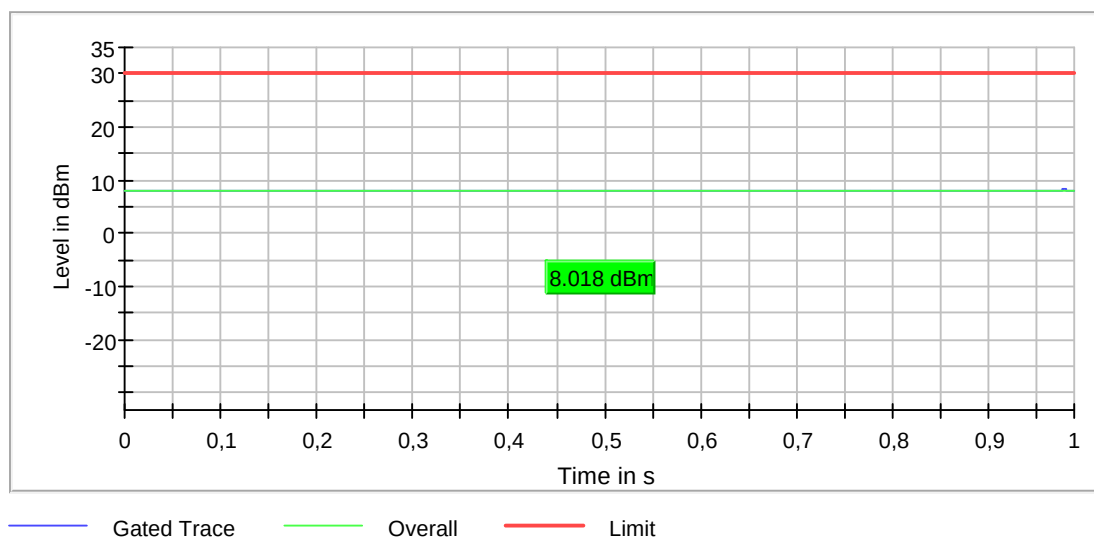
RF output power (5825 MHz; n20-mode [6Mbps] (12 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5825.000000	8.0	30.0	8.0	99.253	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

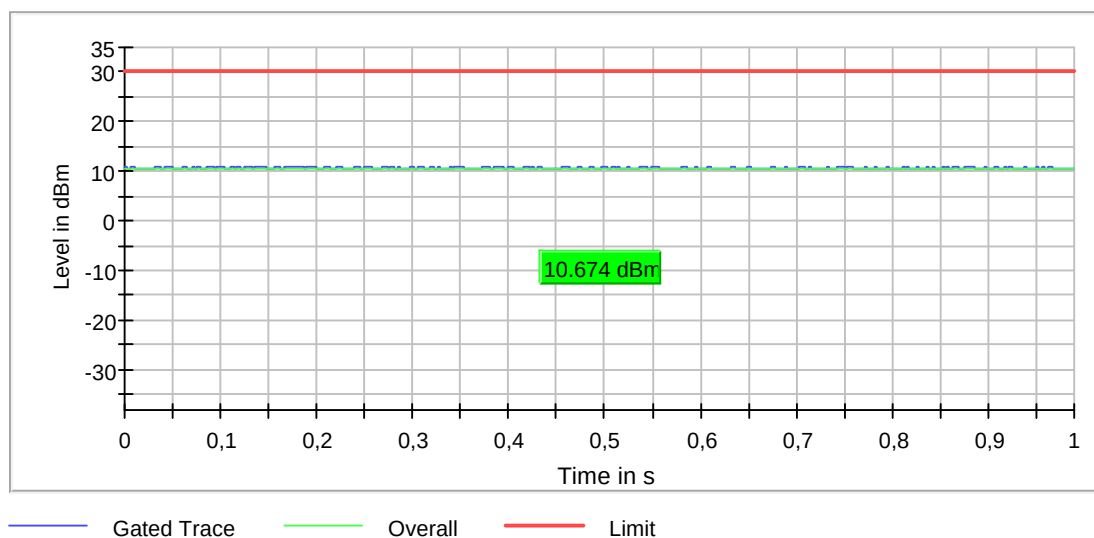
RF output power (5180 MHz; ac20-mode [6Mbps] (12 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5180.000000	10.7	30.0	10.7	99.247	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

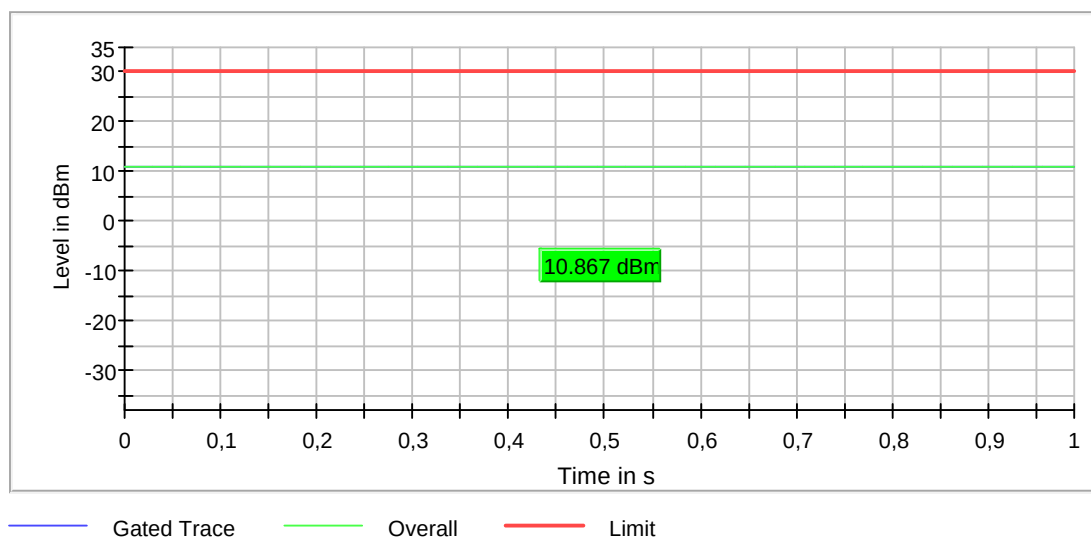
RF output power (5200 MHz; ac20-mode [6Mbps] (12 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5200.000000	10.9	30.0	10.9	99.248	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

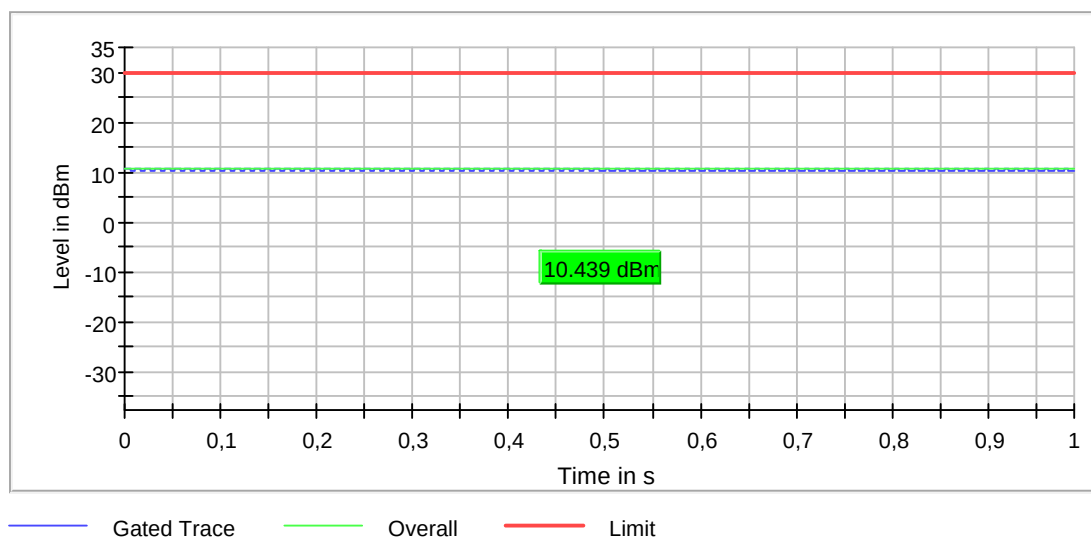
RF output power (5240 MHz; ac20-mode [6Mbps] (12 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5240.000000	10.4	30.0	10.4	99.250	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

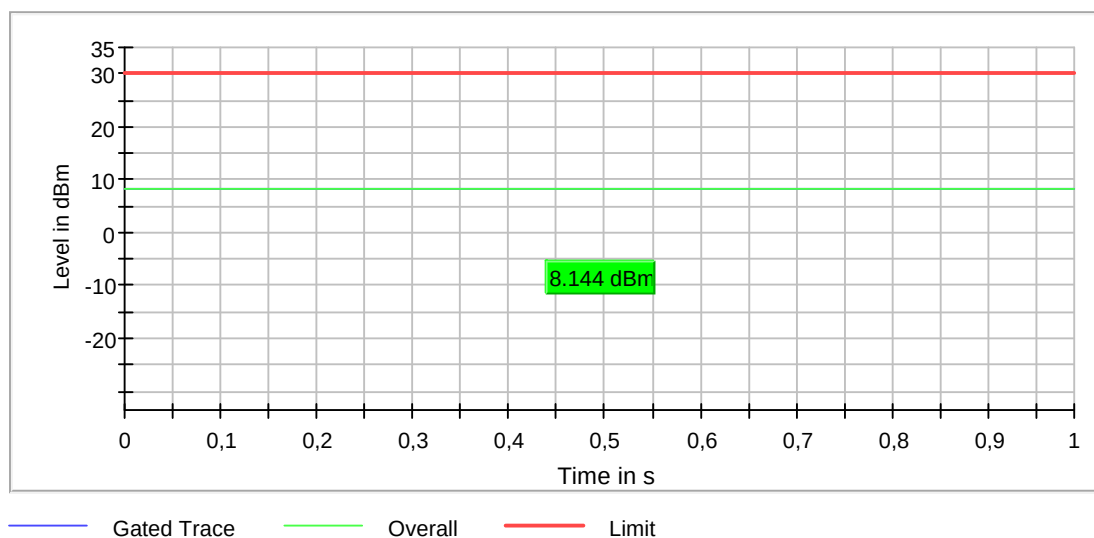
RF output power (5745 MHz; ac20-mode [6Mbps] (12 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5745.000000	8.1	30.0	8.1	99.251	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

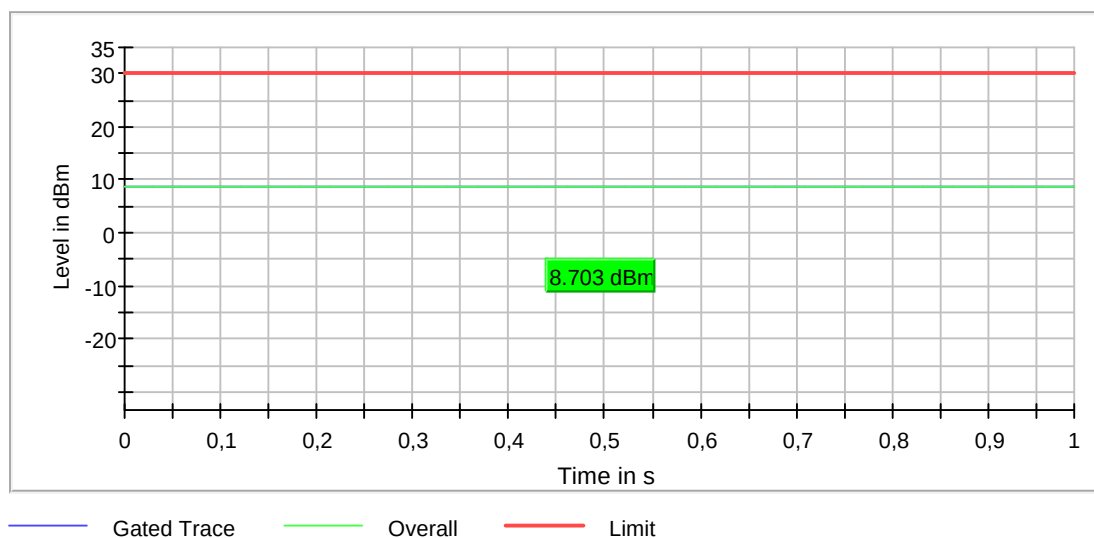
RF output power (5785 MHz; ac20-mode [6Mbps] (12 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5785.000000	8.7	30.0	8.7	99.254	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

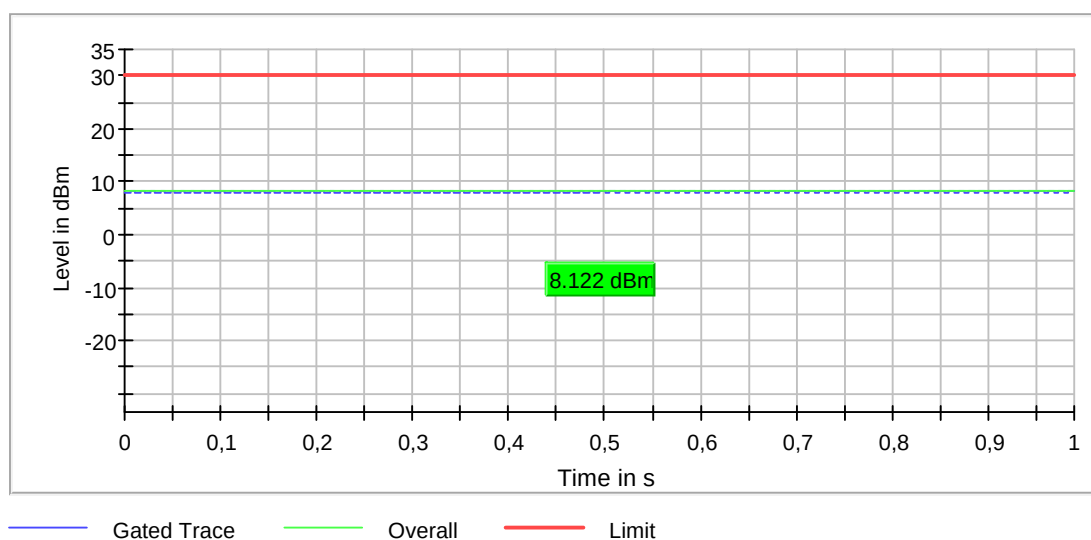
RF output power (5825 MHz; ac20-mode [6Mbps] (12 dBm); 20 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5825.000000	8.1	30.0	8.1	99.251	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

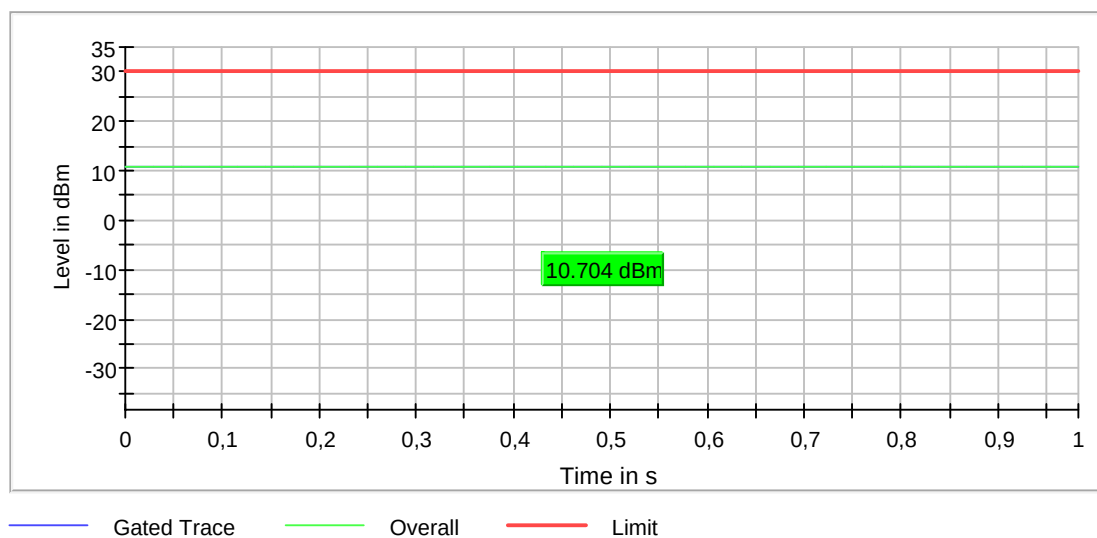
RF output power (5190 MHz; n40-mode [6Mbps] (12 dBm); 40 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5190.000000	10.7	30.0	10.7	98.488	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

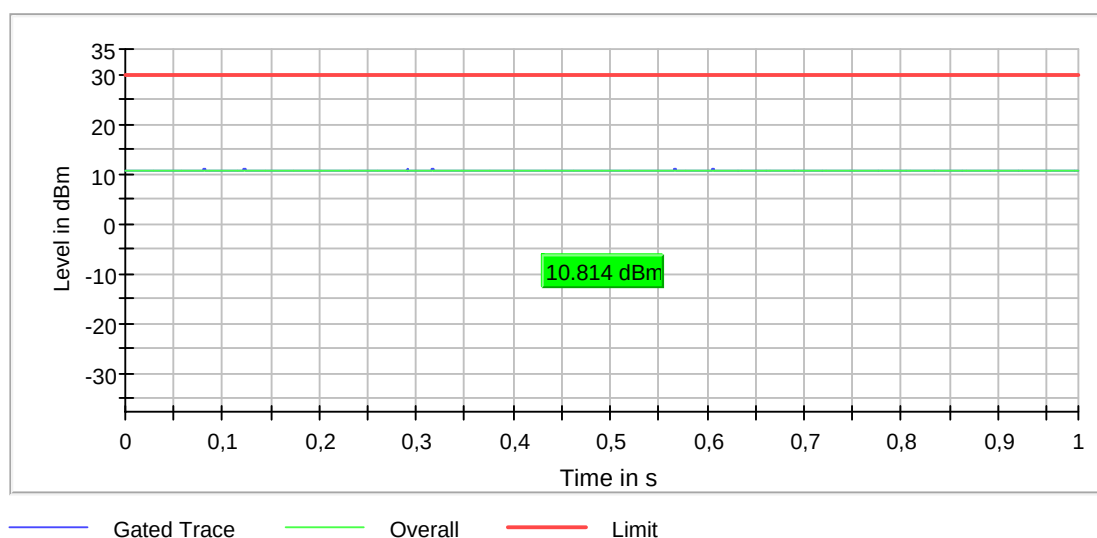
RF output power (5230 MHz; n40-mode [6Mbps] (12 dBm); 40 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5230.000000	10.8	30.0	10.8	98.487	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

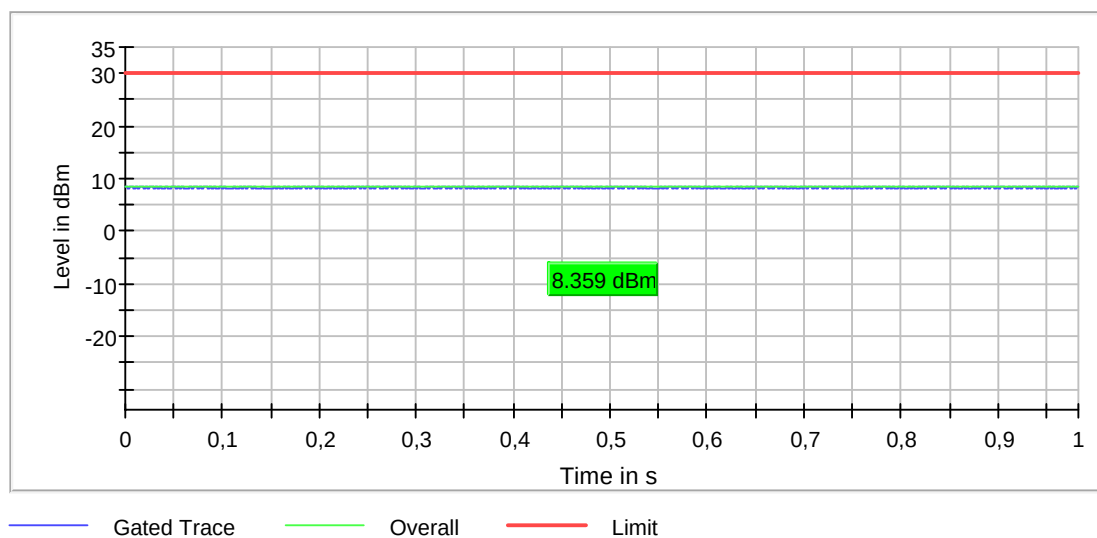
RF output power (5755 MHz; n40-mode [6Mbps] (12 dBm); 40 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5755.000000	8.4	30.0	8.4	98.489	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

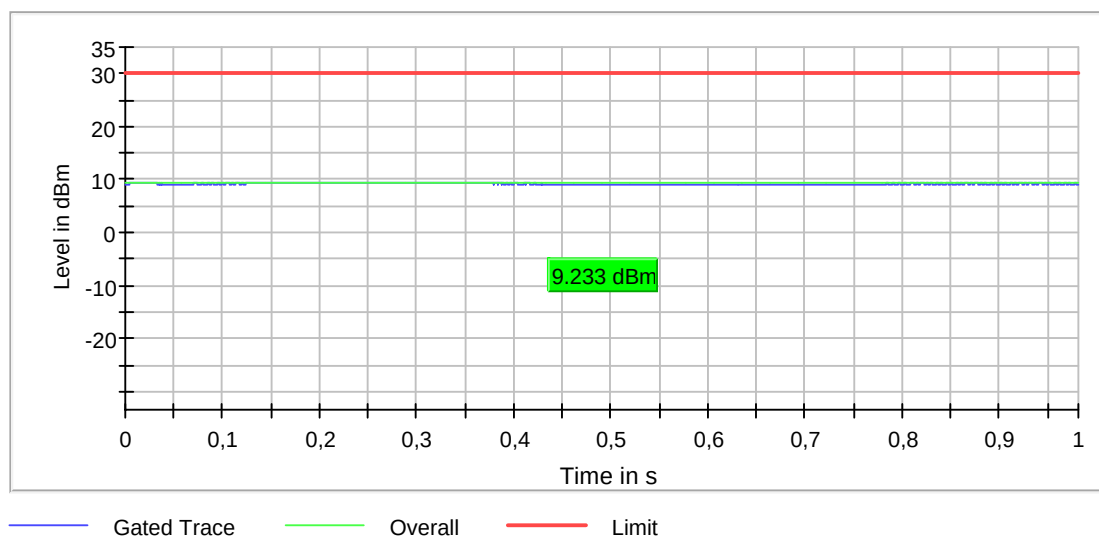
RF output power (5815 MHz; n40-mode [6Mbps] (12 dBm); 40 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5815.000000	9.2	30.0	9.2	98.485	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

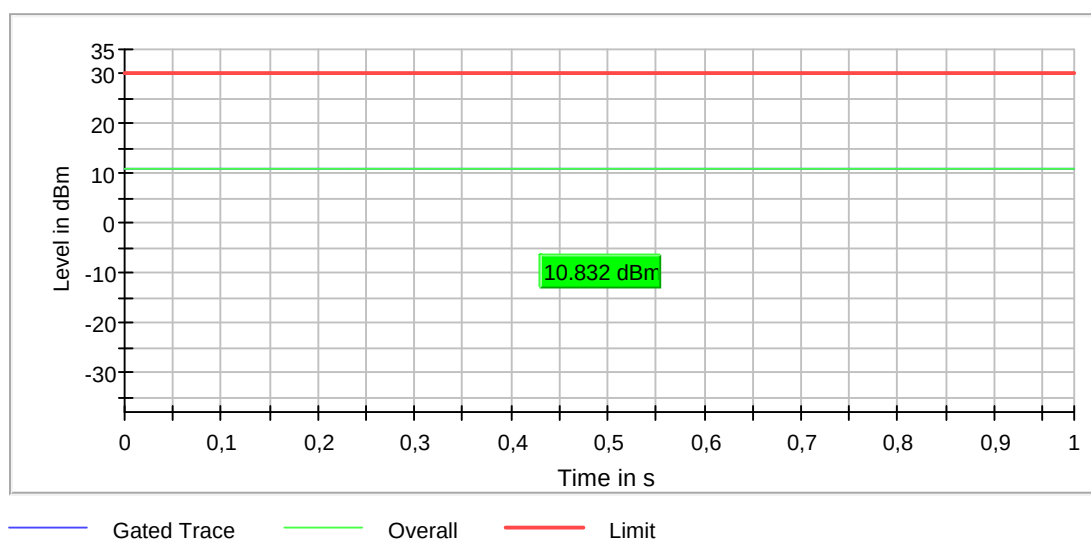
RF output power (5190 MHz; ac40-mode [6Mbps] (12 dBm); 40 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5190.000000	10.8	30.0	10.8	98.488	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

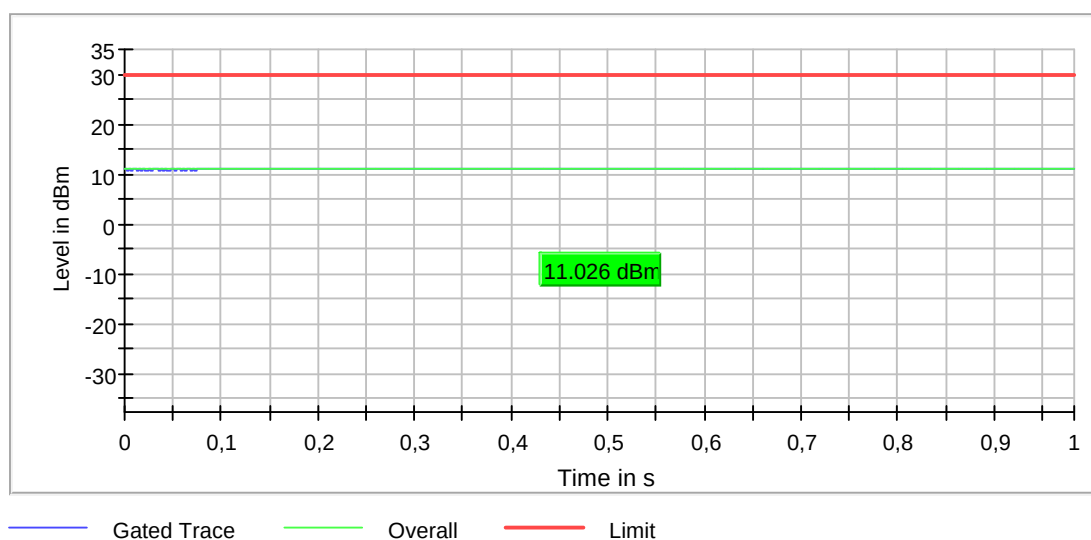
RF output power (5230 MHz; ac40-mode [6Mbps] (12 dBm); 40 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5230.000000	11.0	30.0	11.0	98.485	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

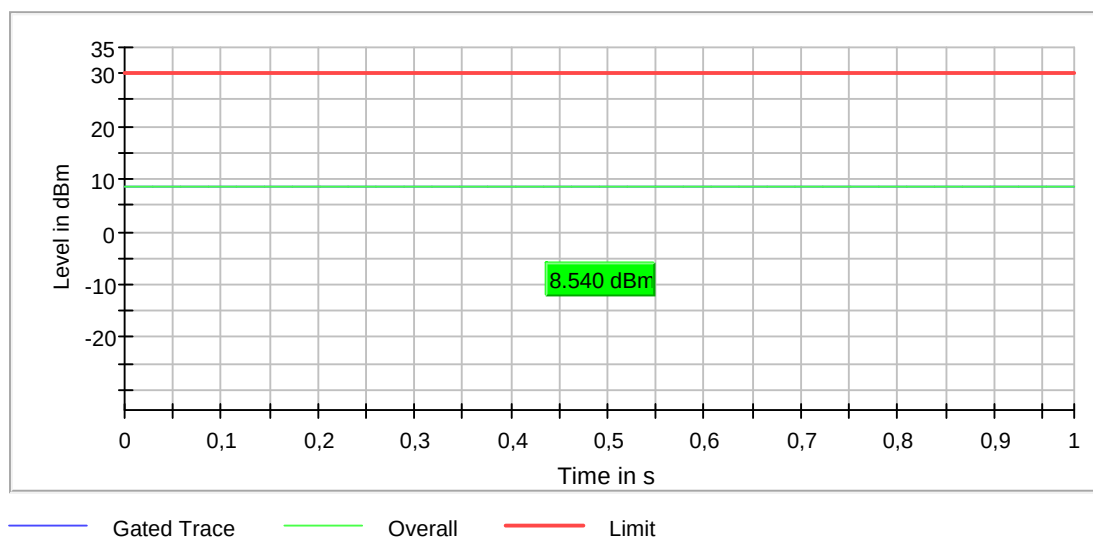
RF output power (5755 MHz; ac40-mode [6Mbps] (12 dBm); 40 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5755.000000	8.5	30.0	8.5	98.487	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

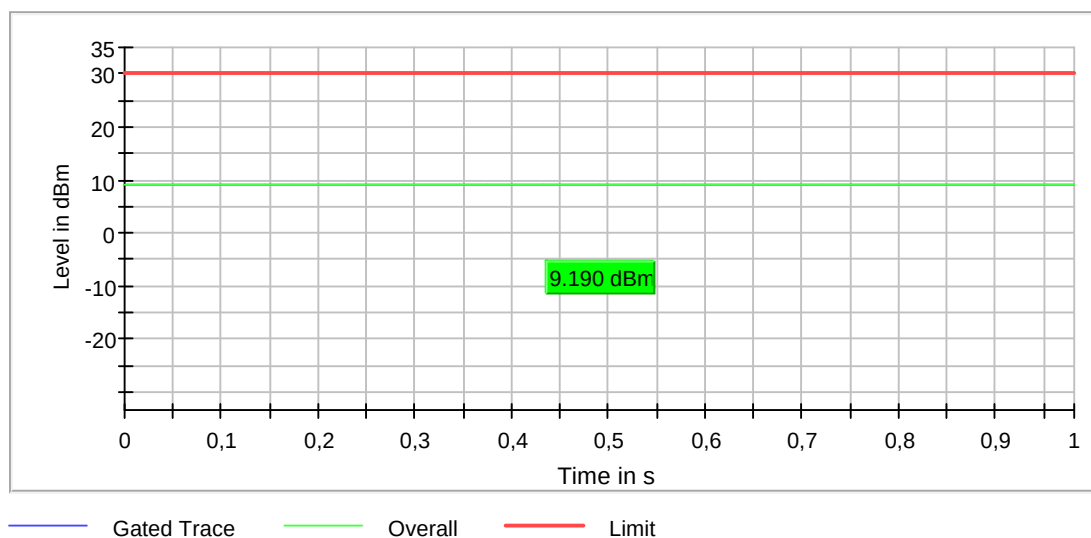
RF output power (5815 MHz; ac40-mode [6Mbps] (12 dBm); 40 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5815.000000	9.2	30.0	9.2	98.487	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

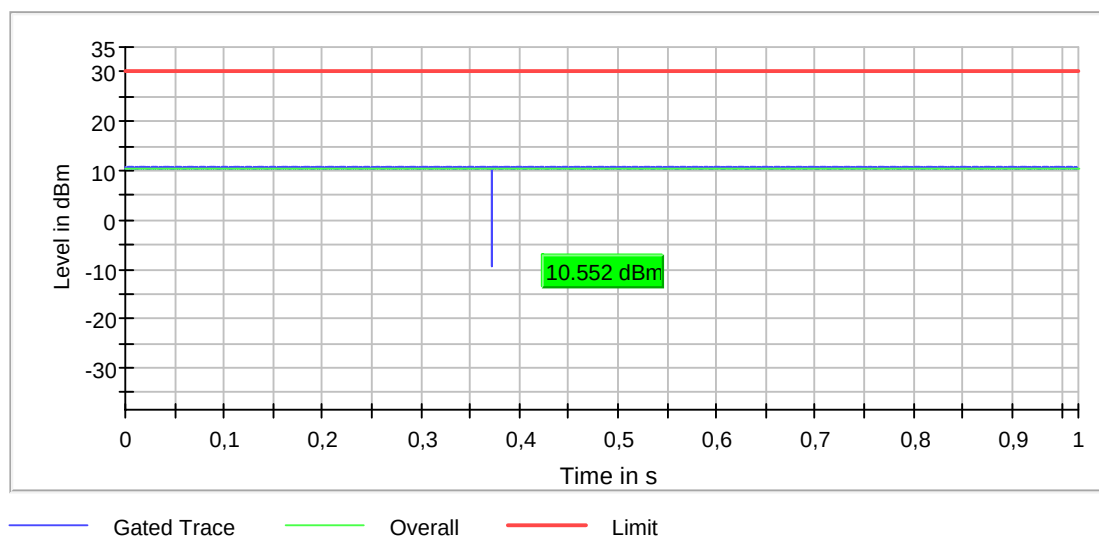
RF output power (5210 MHz; ac80-mode [6Mbps] (12 dBm); 80 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5210.000000	10.6	30.0	10.6	96.931	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

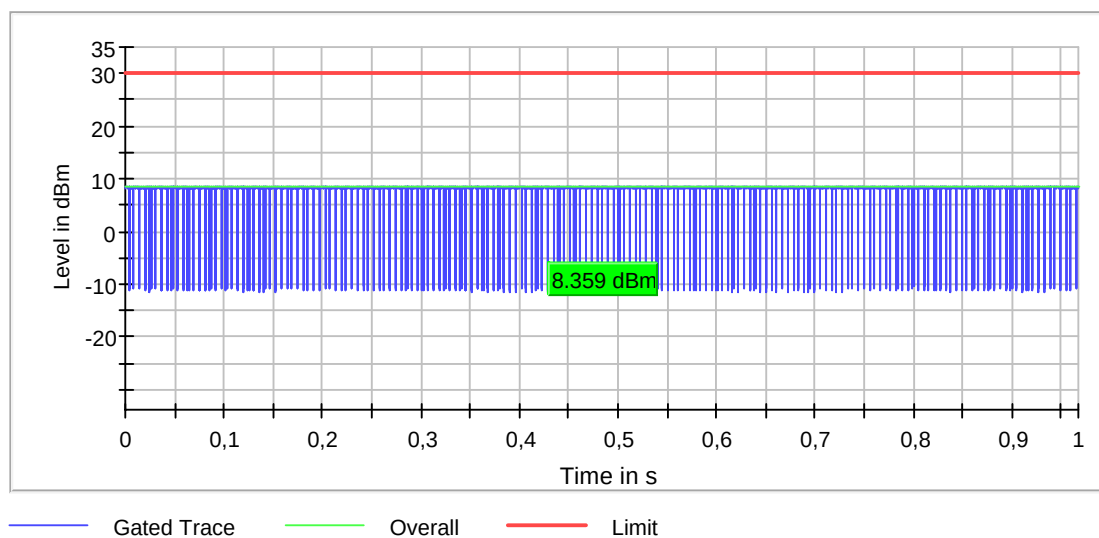
RF output power (5775 MHz; ac80-mode [6Mbps] (12 dBm); 80 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.E and ANSI C63.10-2013

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5775.000000	8.4	30.0	8.4	96.983	PASS

Gated Trace



OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

2 Radiated field strength emissions below 30 MHz

2.01a_a-mode_6Mbps_ch040

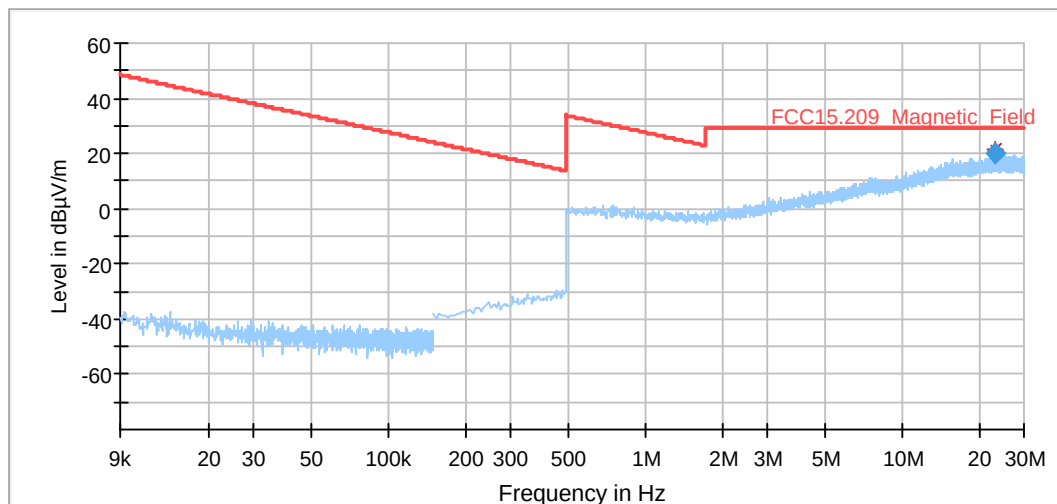
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	HLA
Operating Mode:	a-mode_6Mbps_ch040
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number	21-1-01787S51_C01
Comment:	12 V DC

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
23.330000	20.13	29.54	9.41	1000.0	9.000	H	125.0	1.8

2.02a_a-mode_6Mbps_ch157

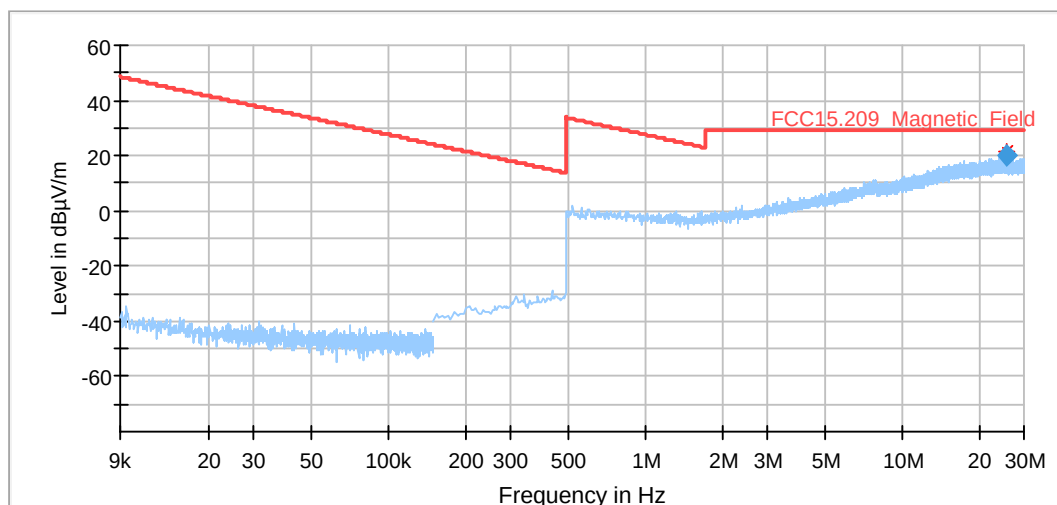
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.50.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	HLa
Operating Mode:	a-mode_6Mbps_ch157
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number	21-1-01787S51_C01
Comment:	12 V DC

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Corr. (dB/m)
25.534000	20.14	29.54	9.40	1000.0	9.000	V	96.0	2.0

3 Radiated field strength emissions 30 MHz – 1 GHz

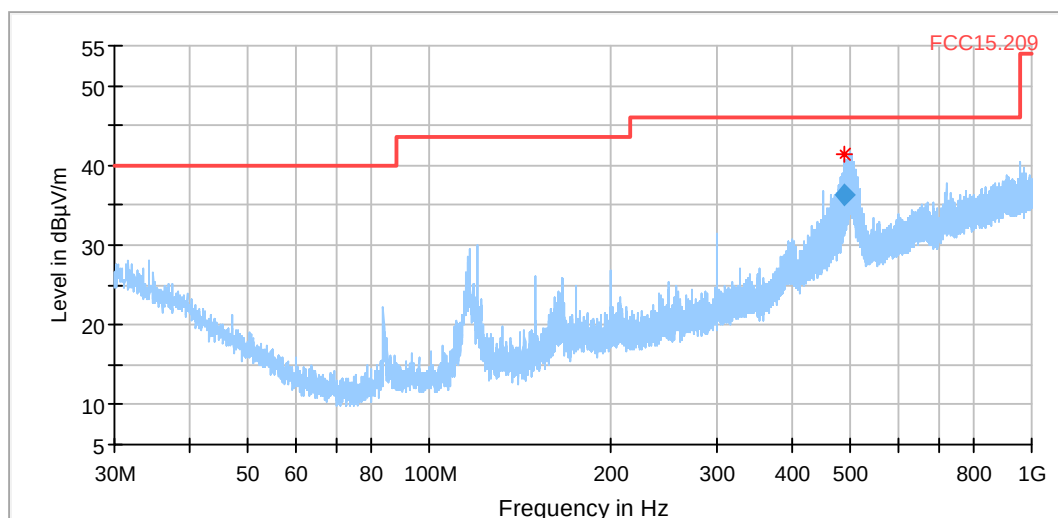
3.01a_a-mode_6Mbps_ch040

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions::	Humidity :40% rH; Temperature: 20 °C
Operator Name:	HLa
Operating Mode:	a-mode_6Mbps_ch040
Power supply:	12 V
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S51_C01
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Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
487.330000	36.25	46.00	9.75	120.000	174.0	H	319.0	19.8	0.0	2.4

(continuation of the "Final_Result" table from column 18 ...)

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBμV)	Comment
487.330000	17.4	16.5	13:55:29 - 01.12.2022

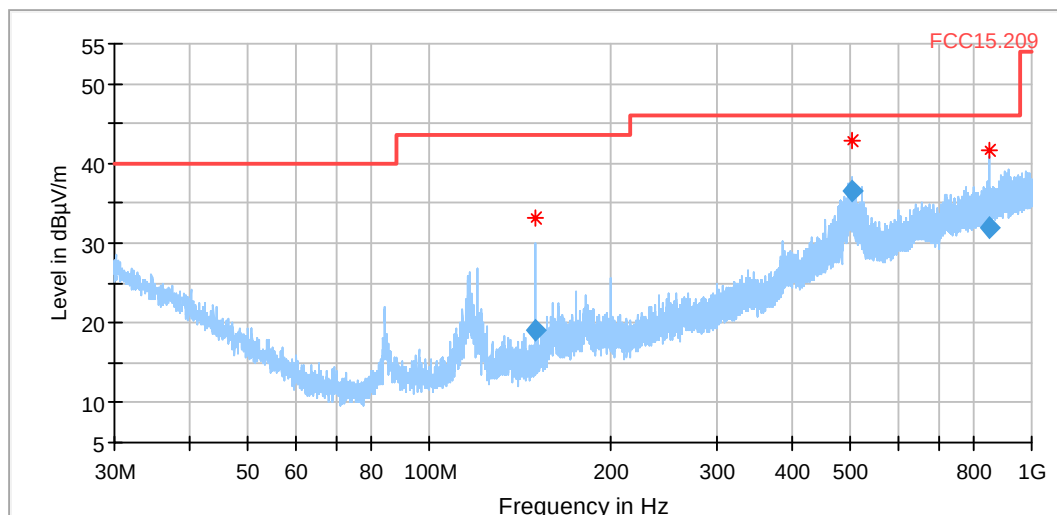
3.01b_a-mode_6Mbps_ch040

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions::	Humidity :40% rH; Temperature: 20 °C
Operator Name:	HLA
Operating Mode:	a-mode_6Mbps_ch040
Power supply:	12 V
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S51_C01
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Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
149.990000	19.14	43.50	24.36	120.000	230.0	H	48.0	8.1	0.0	1.1
504.550000	36.44	46.00	9.56	120.000	187.0	V	200.0	19.9	0.0	2.3
849.910000	31.97	46.00	14.03	120.000	192.0	H	113.0	26.5	0.0	3.3

(continuation of the "Final_Result" table from column 18 ...)

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
149.990000	7.0	11.1	13:16:47 - 01.12.2022
504.550000	17.6	16.5	13:27:24 - 01.12.2022
849.910000	23.2	5.4	13:22:33 - 01.12.2022

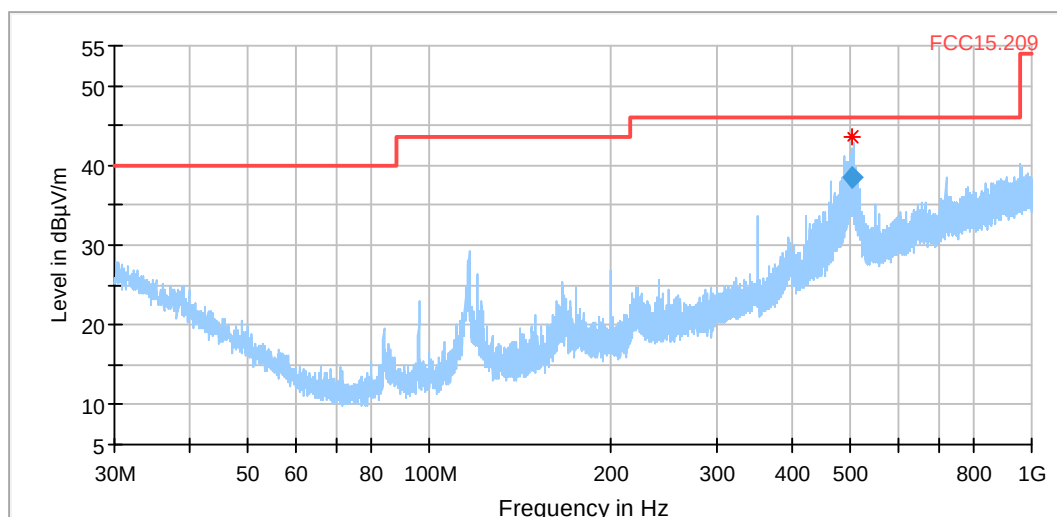
3.02_a-mode_6Mbps_ch157

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions::	Humidity :40% rH; Temperature: 20 °C
Operator Name:	HLA
Operating Mode:	a-mode_6Mbps_ch157
Power supply:	12 V
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S51_C01
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Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preampl (dB)
504.730000	38.54	46.00	7.46	120.000	162.0	H	179.0	19.9	0.0	2.3

(continuation of the "Final_Result" table from column 18 ...)

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
504.730000	17.6	18.6	14:53:37 - 01.12.2022

4 Radiated field strength emissions above 1 GHz

4.01a_a-mode_ch036_laying

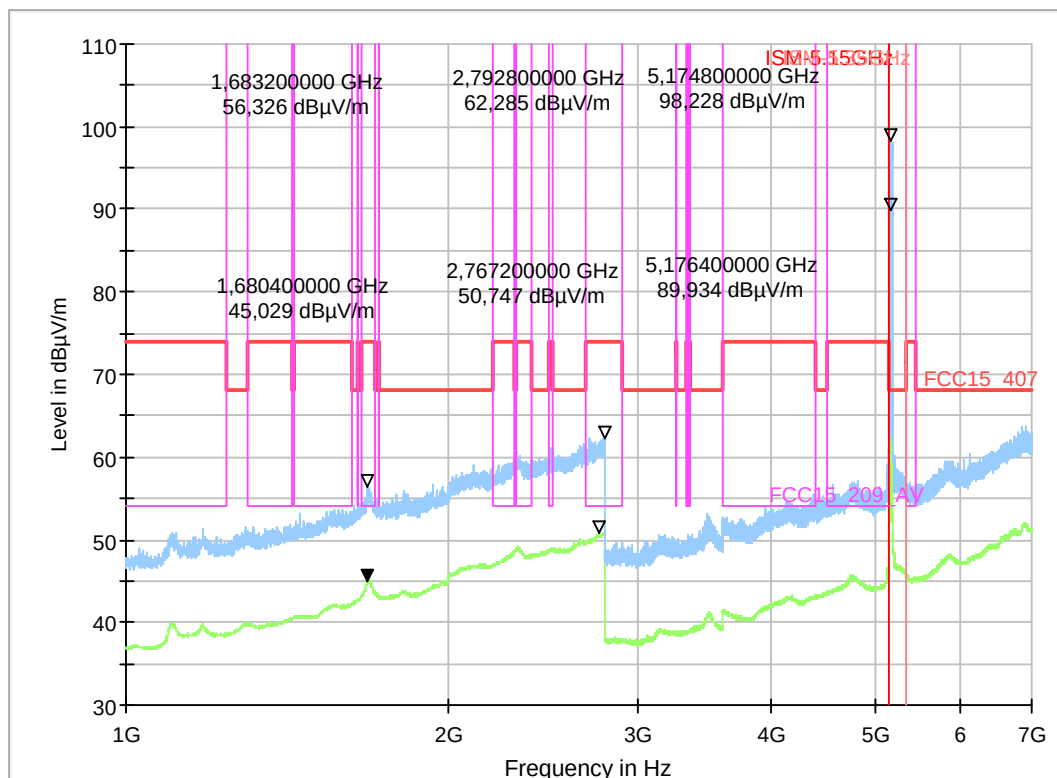
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	RSE_TX_Worst_WLAN_5G_a_mode_48Mbps_CH036
Operator:	TFra/KTe
EUT Setup:	1
Environmental Conditions:	Humidity : 55% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
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Full Spectrum



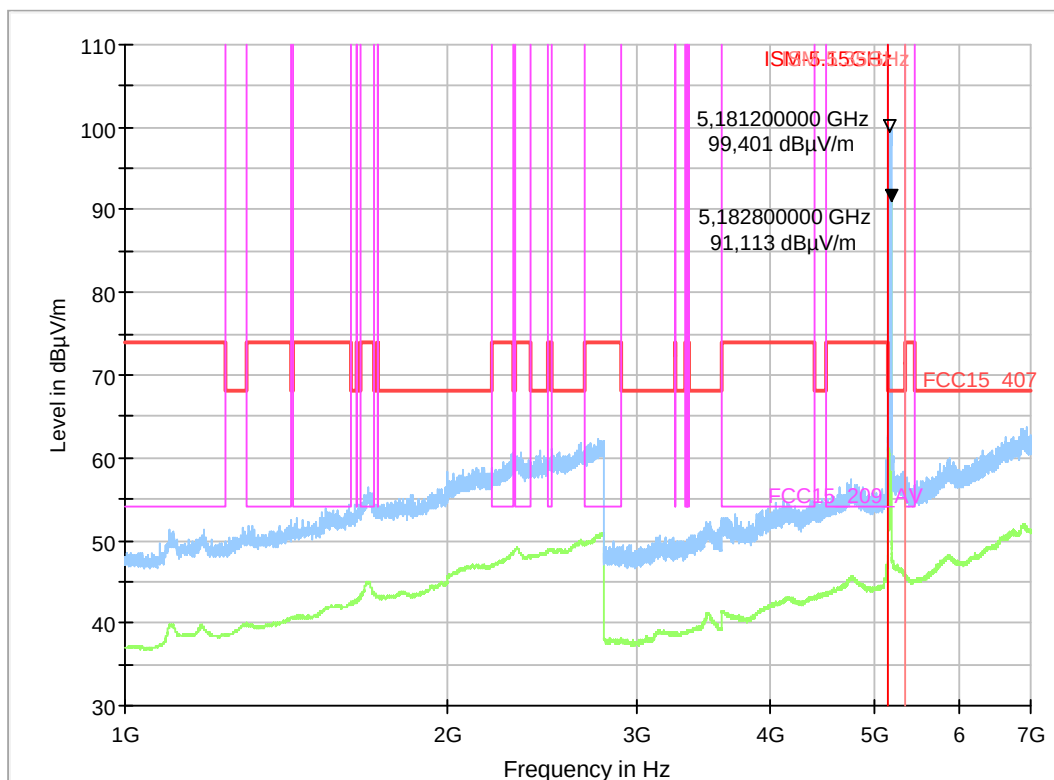
4.01b_a-mode_ch036_standing

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	a-mode 48Mbps ch036
Operator:	SOz
Comment:	Channel no. 36
EUT Setup:	1
Environmental Conditions:	Humidity : 45% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



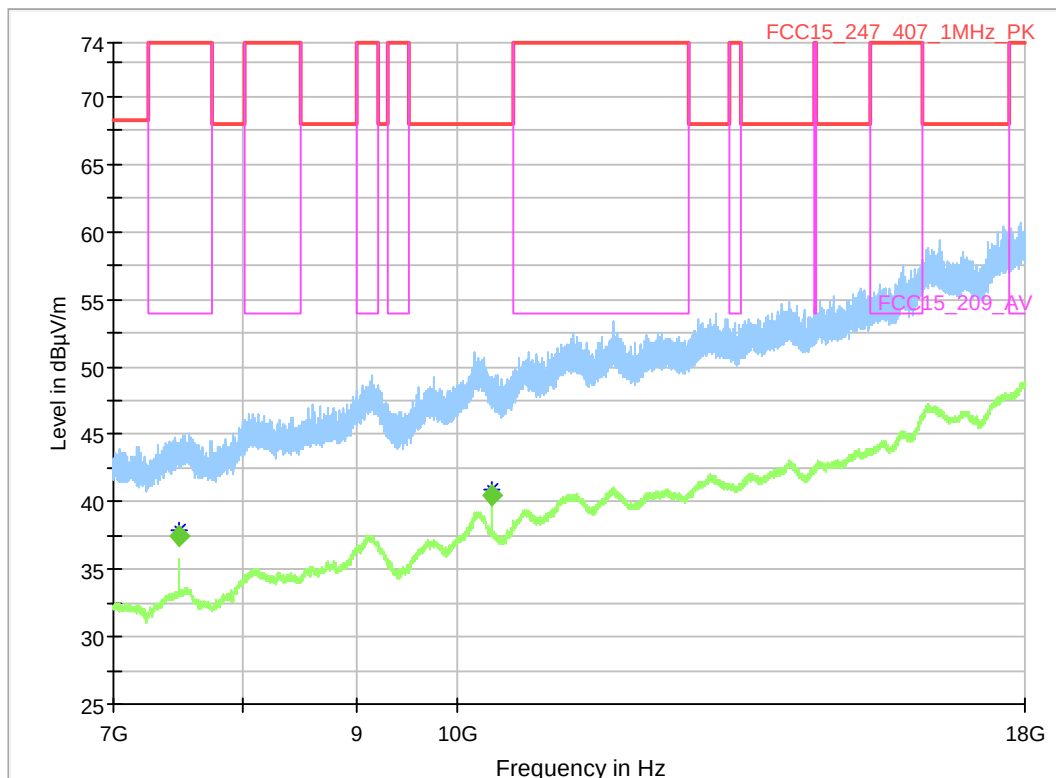
4.01c_a-mode_ch036_laying

Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: --
 Operating Mode: a-mode | 48Mbps | ch036
 Operator: Lor
 Comment: Channel no. low=36
 EUT Setup: 1
 Environmental Conditions: Humidity : 50% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01
 Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7499.050000	---	37.46	54.00	16.54	100.0	1000.000	155.0	V	237.0	11
10359.850000	---	40.42	150.00	109.58	100.0	1000.000	155.0	H	64.0	17

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
7499.050000	-19	-10	40	---	08:16:53 - 06.01.2023
10359.850000	-16	-10	42	---	08:14:45 - 06.01.2023

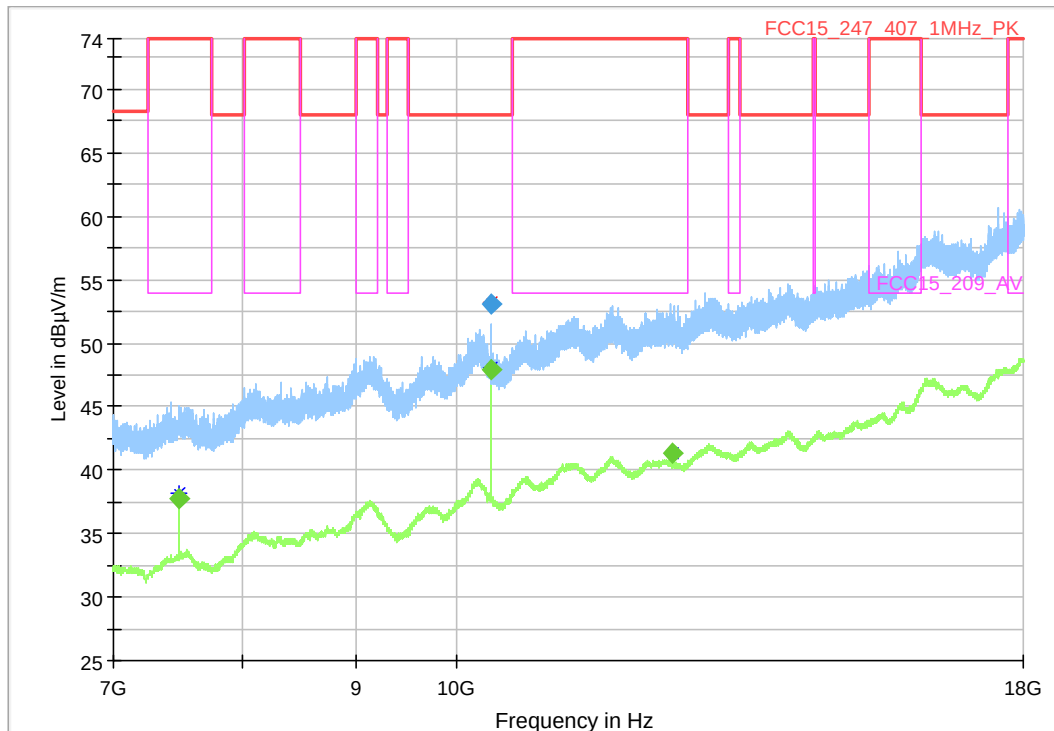
4.01d_a-mode_ch036_standing

Common Information

Test Description: Radiated Spurious Emission in 1m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: --
 Operating Mode: a-mode | 48Mbps | ch036
 Operator: KTe
 Comment: Channel no. 36
 EUT Setup: 1
 Environmental Conditions: Humidity : 50% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01
 Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7498.950000	---	37.76	54.00	16.24	100.0	1000.000	155.0	H	63.0	11
10359.650000	53.13	---	68.00	14.87	100.0	1000.000	155.0	V	322.0	17
10359.900000	---	47.92	150.00	102.08	100.0	1000.000	155.0	V	323.0	17
12498.400000	---	41.33	54.00	12.67	100.0	1000.000	155.0	H	330.0	20

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
7498.950000	-19	-10	40	---	11:24:06 - 06.01.2023
10359.650000	-16	-10	42	---	11:21:50 - 06.01.2023
10359.900000	-16	-10	42	---	11:27:56 - 06.01.2023
12498.400000	-14	-10	44	---	11:26:06 - 06.01.2023

4.01e_a-mode_ch036_EUT_laying

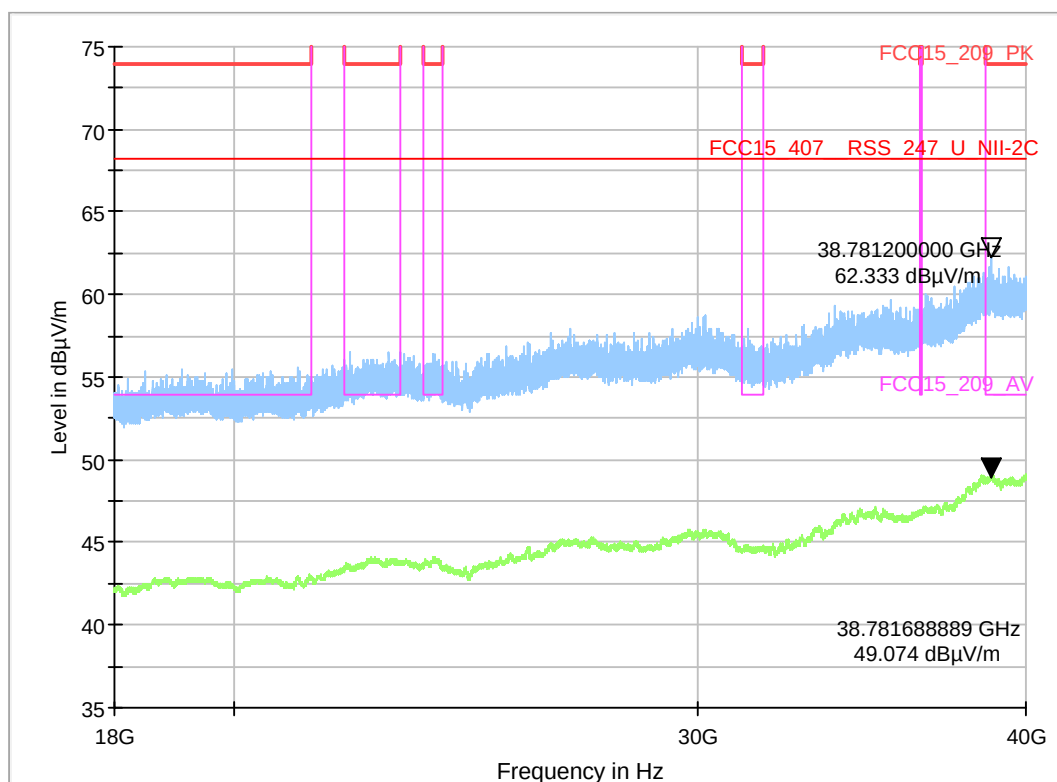
Common Information

Test Description:	Radiated field strength emission accord. §15.247/15.407 in 3m distance
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR2)
Test Standard:	FCC Part 15.247 / 15.407
Section:	-
Operating Mode:	a-mode 48Mbps ch036
Environmental Conditions:	Humidity: 40% rH; Temperature: 21 °C
Operator:	npe
EUT Setup:	laying
Verdict:	Passed

EUT Information

PMT Sample Nr.	21-1-01787S50_C01
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Full Spectrum



4.01f_a-mode_ch036_EUT_standing

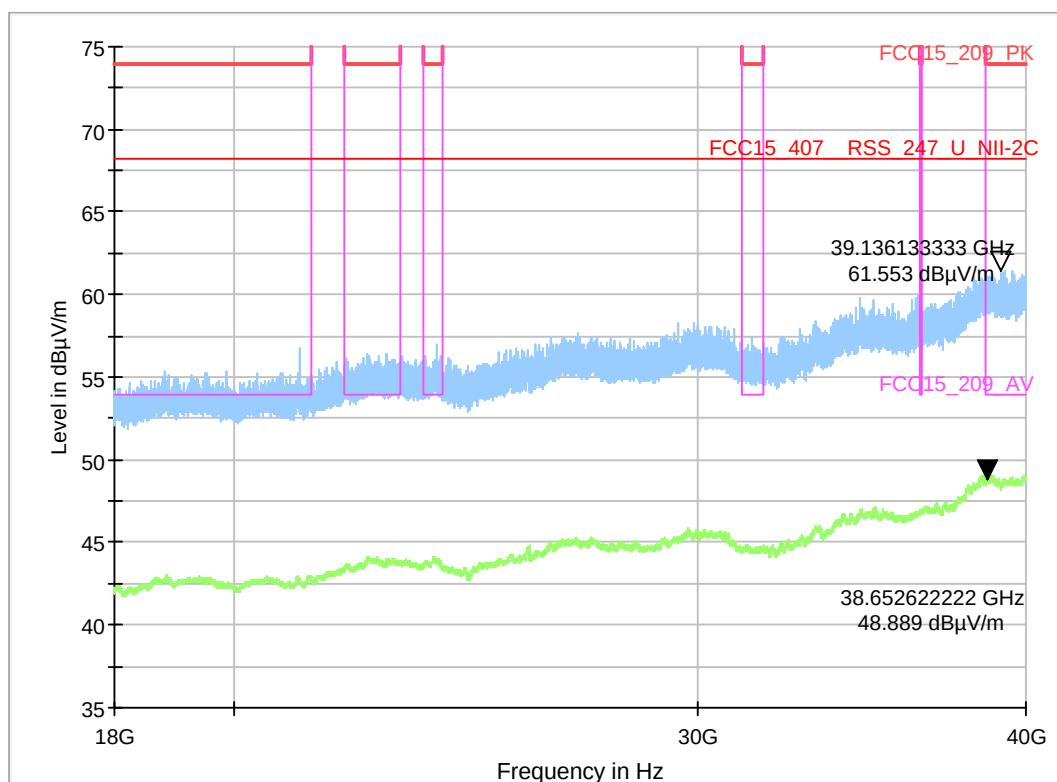
Common Information

Test Description:	Radiated field strength emission accord. §15.247/15.407 in 3m distance
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR2)
Test Standard:	FCC Part 15.247 / 15.407
Section:	-
Operating Mode:	a-mode 48Mbps ch036
Environmental Conditions:	Humidity: 40% rH; Temperature: 21 °C
Operator:	npe
EUT Setup:	standing
Verdict:	Passed

EUT Information

PMT Sample Nr.	21-1-01787S50_C01
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Full Spectrum



4.02a_n20-mode_ch044_laying

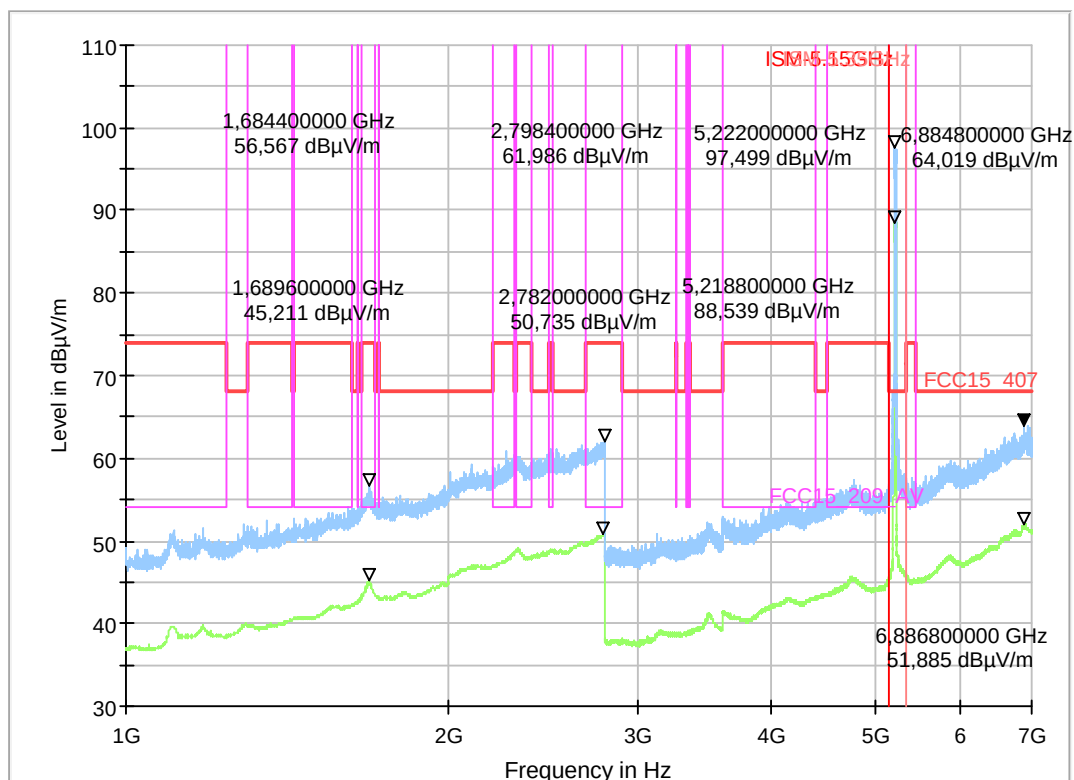
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	RSE_TX_Worst_WLAN_5G_n_mode_MCS6_CH044
Operator:	TFra
EUT Setup:	1
Environmental Conditions:	Humidity : 44% rH; Temperature: 20 °C
Verdict:	PassedComment:

EUT Information

PMT number:	21-1-01787S50_C01
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Full Spectrum



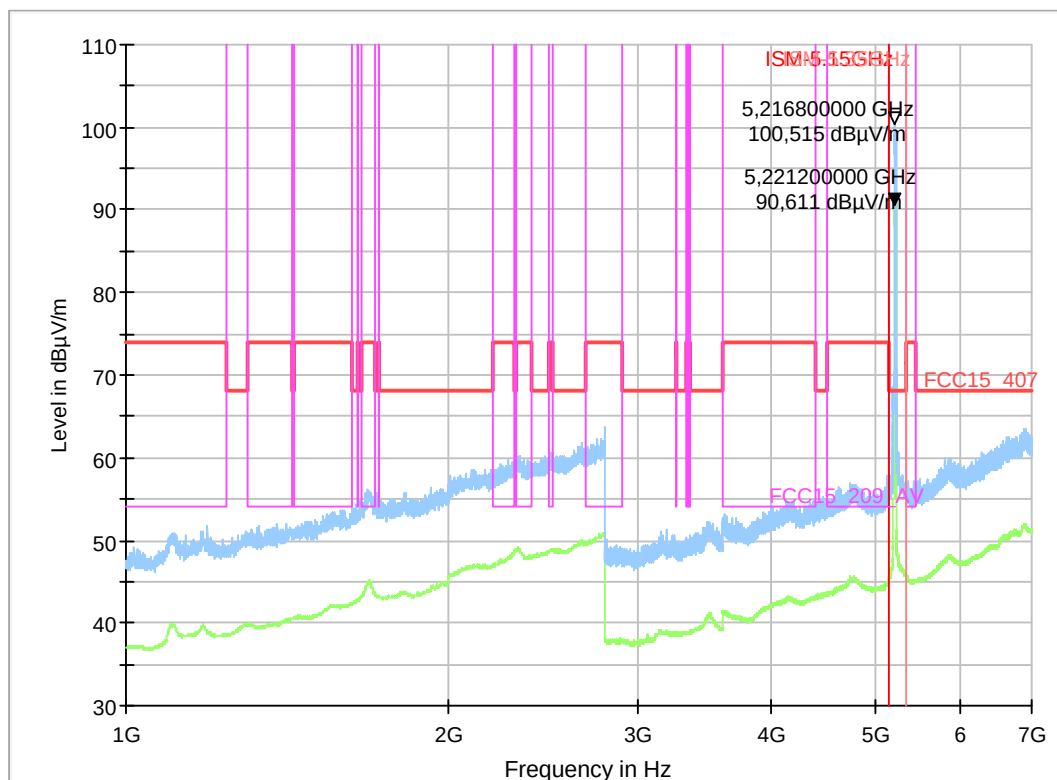
4.02b_n20-mode_ch044_standing

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	n20-mode MCS6 ch044
Operator:	SOz
Comment:	Channel no. 44
EUT Setup:	1
Environmental Conditions:	Humidity : 45% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



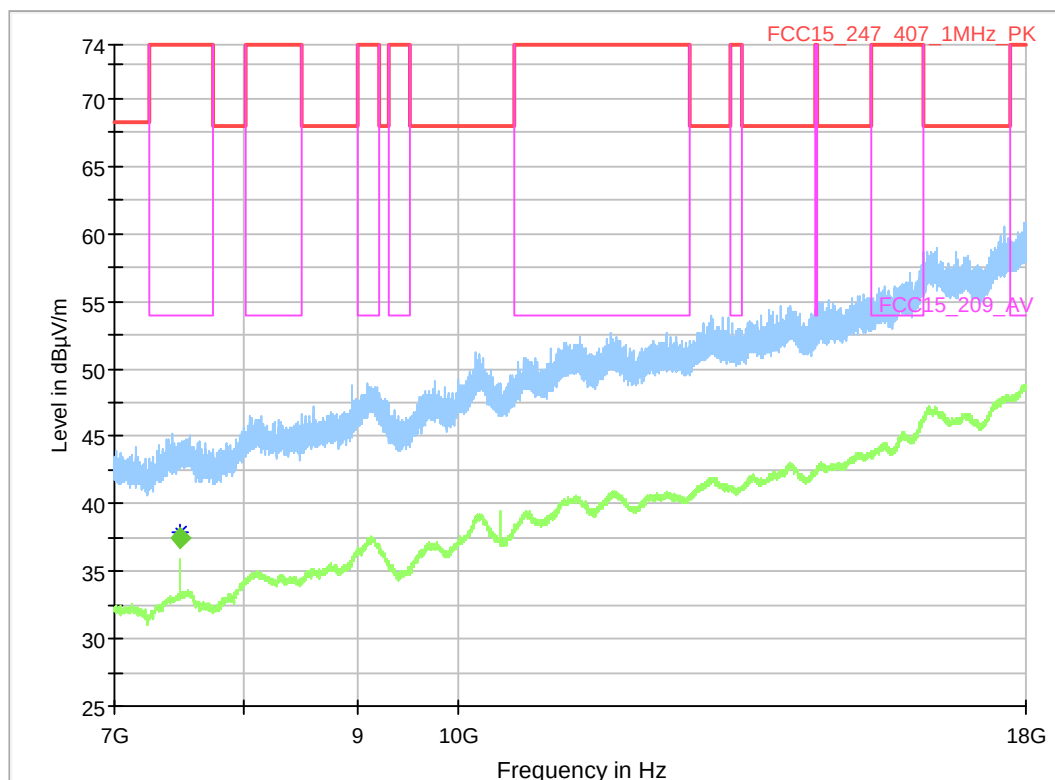
4.02c_n20-mode_ch044_laying

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	n20-mode MCS6 ch044
Operator:	SOz
Comment:	Channel no. middle=44
EUT Setup:	1
Environmental Conditions:	Humidity : 20% rH; Temperature: 50 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	RMS (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7499.000000	---	37.41	54.00	16.59	100.0	1000.000	155.0	V	237.0	11

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB/m)	Raw Rec (dBμV)	Comment
7499.000000	-19	-10	40	---	08:41:38 - 06.01.2023

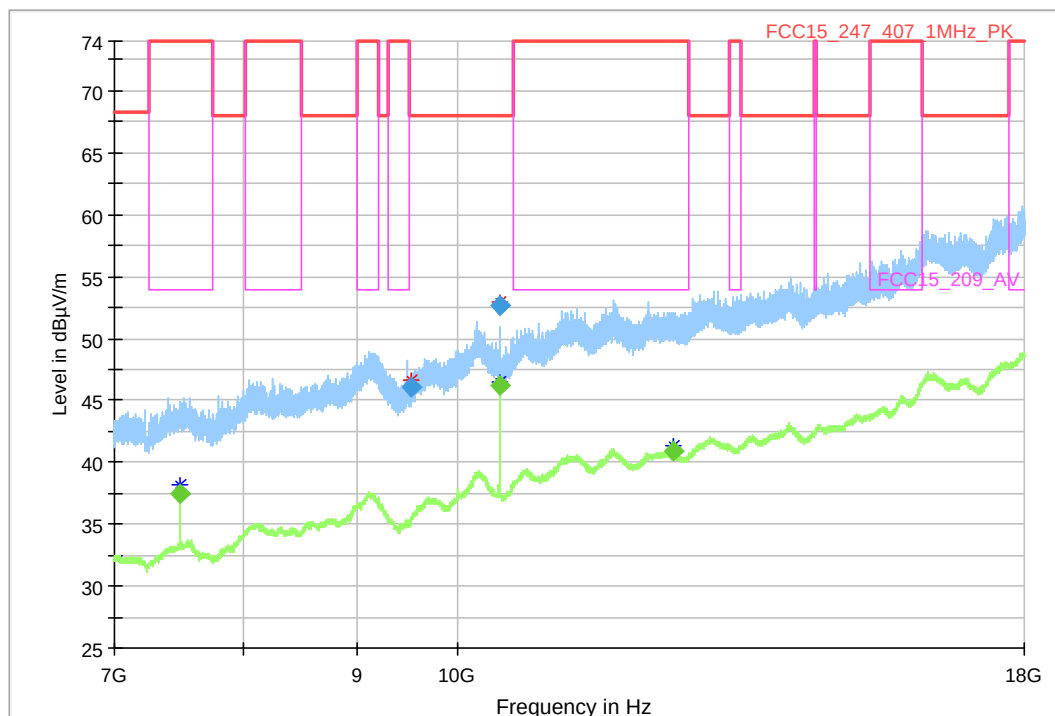
4.02d_n20-mode_ch044_standing

Common Information

Test Description: Radiated Spurious Emission in 1m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: --
 Operating Mode: n20-mode | MCS6 | ch044
 Operator: KTe
 Comment: Channel no. 44
 EUT Setup: 1
 Environmental Conditions: Humidity : 50% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01
 Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	RMS (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7499.000000	---	37.44	54.00	16.56	100.0	1000.000	155.0	H	64.0	11
9530.050000	46.09	---	68.00	21.91	100.0	1000.000	155.0	V	300.0	14
10439.900000	---	46.22	150.00	103.78	100.0	1000.000	155.0	V	328.0	16
10439.900000	52.61	---	68.00	15.39	100.0	1000.000	155.0	V	327.0	16
12498.300000	---	40.96	54.00	13.04	100.0	1000.000	155.0	H	332.0	20

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB/m)	Raw Rec (dBμV)	Comment
7499.000000	-19	-10	40	---	11:57:11 - 06.01.2023
9530.050000	-17	-10	41	---	11:53:12 - 06.01.2023
10439.900000	-15	-10	41	---	12:01:08 - 06.01.2023
10439.900000	-15	-10	41	---	11:54:54 - 06.01.2023
12498.300000	-14	-10	44	---	11:59:13 - 06.01.2023

4.02e_n20-mode_ch044_EUT_laying

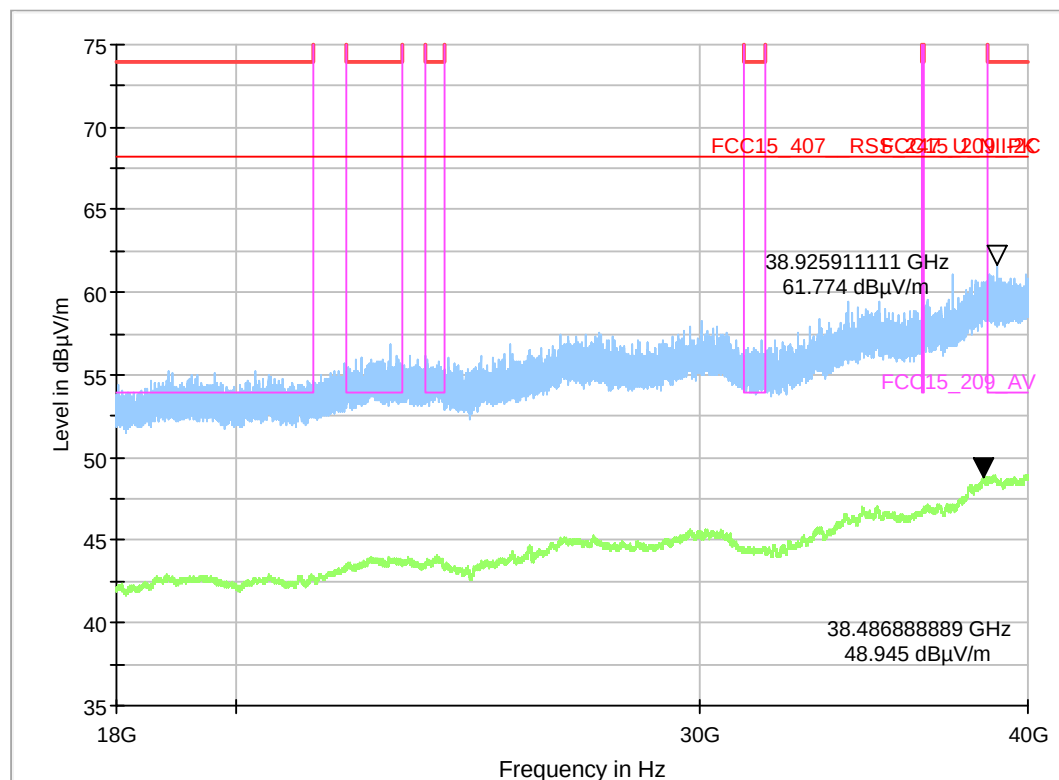
Common Information

Test Description:	Radiated field strength emission accord. §15.247/15.407 in 3m distance
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR2)
Test Standard:	FCC Part 15.247 / 15.407
Section:	-
Operating Mode:	n20-mode MCS6 ch044
Environmental Conditions:	Humidity: 40% rH; Temperature: 21 °C
Operator:	npe
EUT Setup:	laying
Verdict:	Passed

EUT Information

PMT Sample Nr. 21-1-01787S50_C01

Full Spectrum



4.02f_n20-mode_ch044_EUT_standing

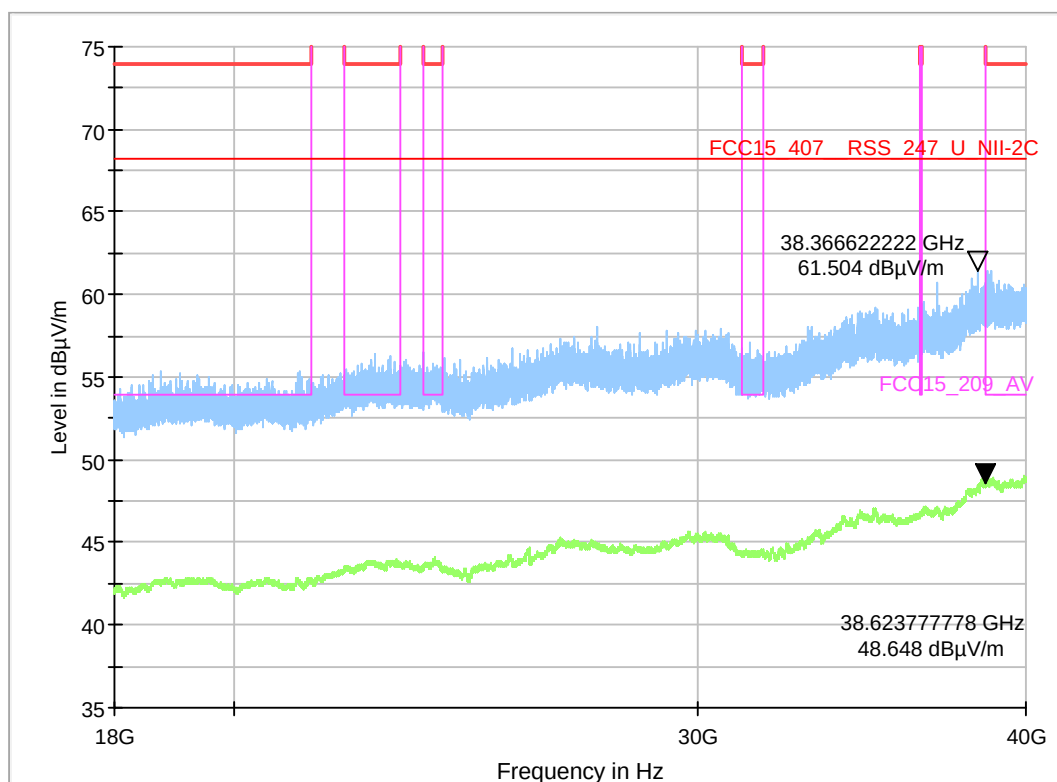
Common Information

Test Description:	Radiated field strength emission accord. §15.247/15.407 in 3m distance
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR2)
Test Standard:	FCC Part 15.247 / 15.407
Section:	-
Operating Mode:	n20-mode MCS6 ch044
Environmental Conditions:	Humidity: 40% rH; Temperature: 21 °C
Operator:	npe
EUT Setup:	standing
Verdict:	Passed

EUT Information

PMT Sample Nr.	21-1-01787S50_C01
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Full Spectrum



4.03a_ac20-mode_ch048_laying

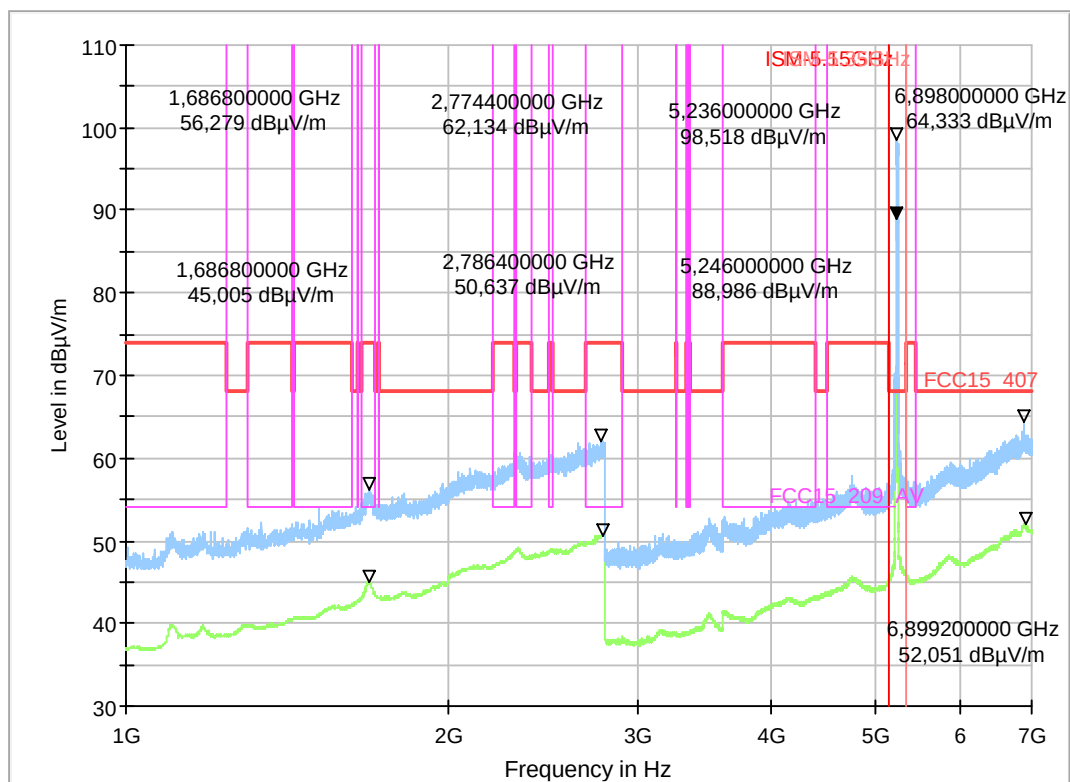
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	RSE_TX_Worst_WLAN_5G_ac_mode_MCS4_CH048
Operator:	TFra
EUT Setup:	1
Environmental Conditions:	Humidity : 44% rH; Temperature: 20 °C
Verdict:	PassedComment:

EUT Information

PMT number:	21-1-01787S50_C01
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Full Spectrum



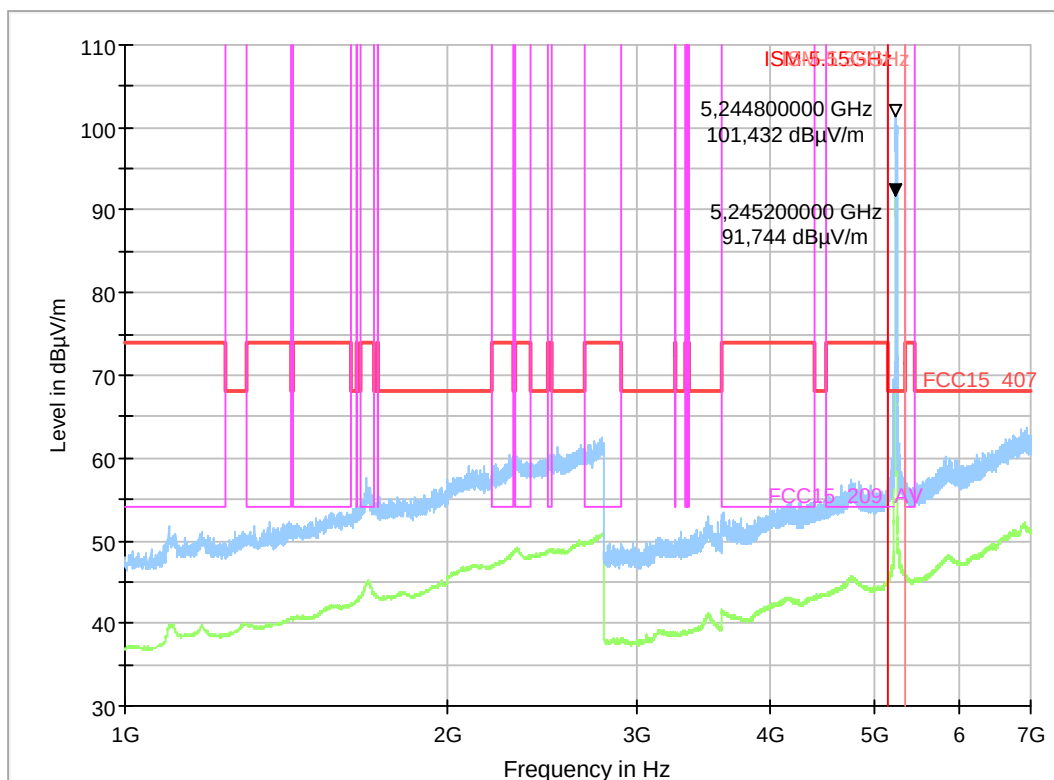
4.03b_ac20-mode_ch048_standing

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operating Mode:	ac20-mode MCS4 ch048
Operator:	SOz
Comment:	Channel no. 48
EUT Setup:	1
Environmental Conditions:	Humidity : 45% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



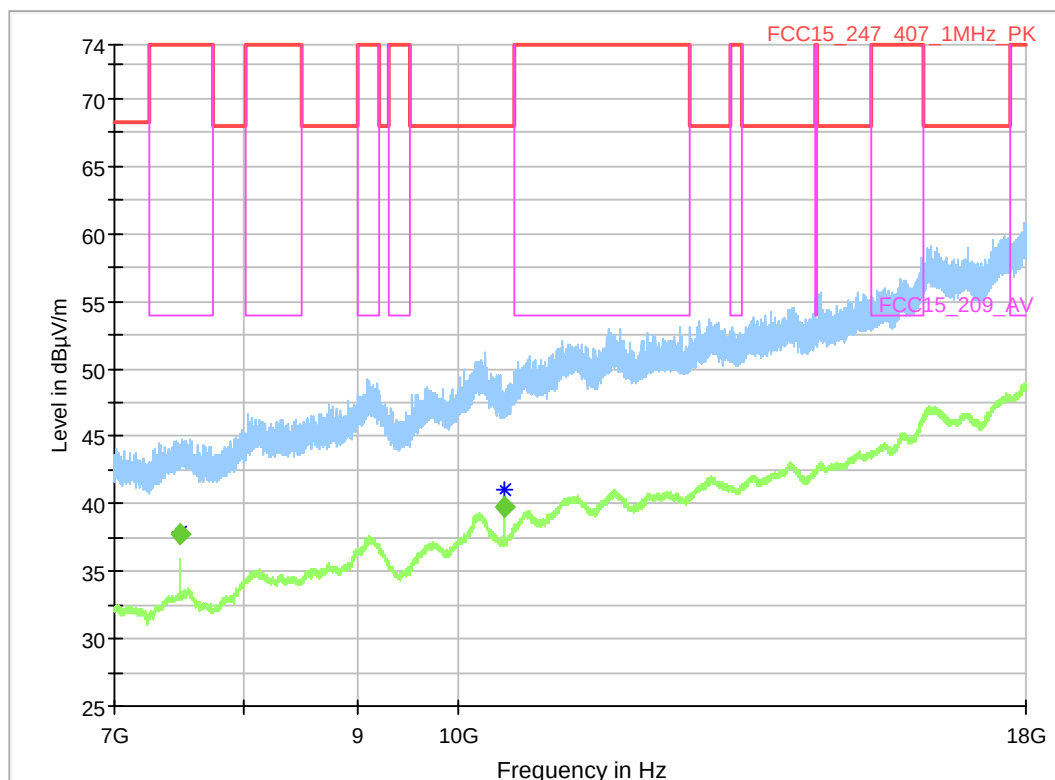
4.03c_ac20-mode_ch048_laying

Common Information

Test Description:	Radiated Spurious Emission in 1m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac20-mode MCS4 ch048
Operator:	Lor/KTe
Comment:	Channel no. high=48
EUT Setup:	1
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7499.050000	---	37.82	54.00	16.18	100.0	1000.000	155.0	V	236.0	11
10479.950000	---	39.79	150.00	110.21	100.0	1000.000	155.0	V	230.0	16

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
7499.050000	-19	-10	40	---	09:06:48 - 06.01.2023
10479.950000	-15	-10	41	---	09:05:12 - 06.01.2023

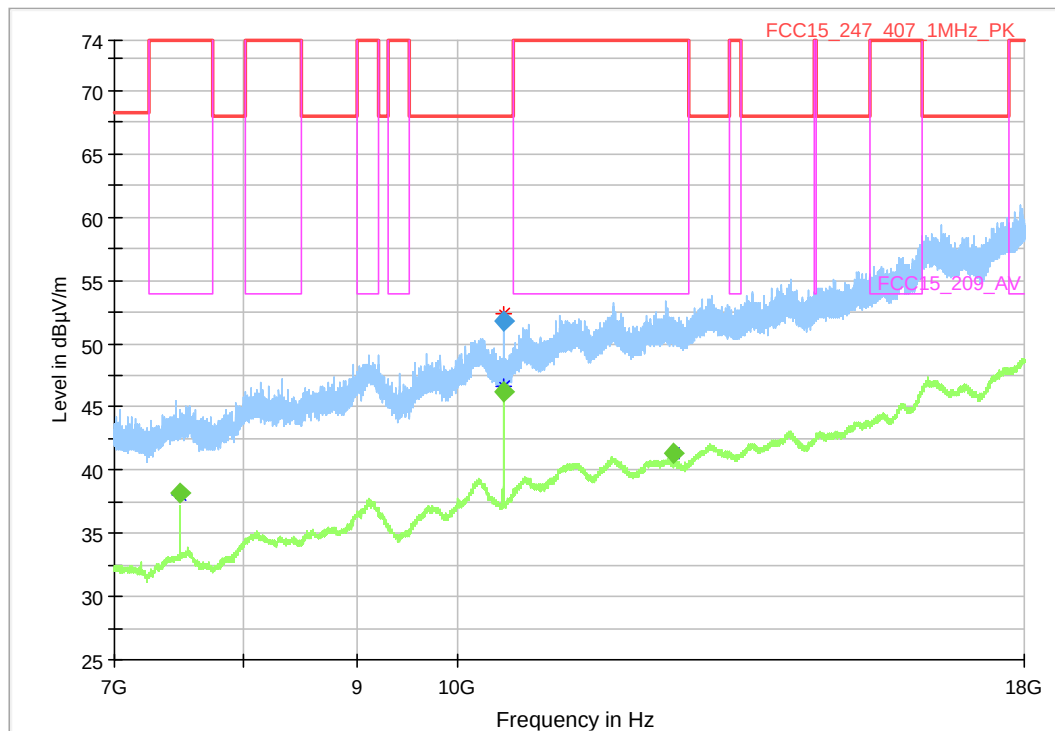
4.03d_ac20-mode_ch048_standing

Common Information

Test Description: Radiated Spurious Emission in 1m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: --
 Operating Mode: ac20-mode | MCS4 | ch048
 Operator: KTe
 Comment: Channel no. 48
 EUT Setup: 1
 Environmental Conditions: Humidity : 50% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01
 Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7499.000000	---	38.12	54.00	15.88	100.0	1000.000	155.0	H	62.0	11
10479.900000	---	46.24	150.00	103.76	100.0	1000.000	155.0	V	329.0	16
10480.150000	51.74	---	68.00	16.26	100.0	1000.000	155.0	V	322.0	16
12498.400000	---	41.37	54.00	12.63	100.0	1000.000	155.0	H	330.0	20

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
7499.000000	-19	-10	40	---	12:47:23 - 06.01.2023
10479.900000	-15	-10	41	---	12:51:16 - 06.01.2023
10480.150000	-15	-10	41	---	12:45:06 - 06.01.2023
12498.400000	-14	-10	44	---	12:49:26 - 06.01.2023

4.03e_ac20-mode_ch048_EUT_laying

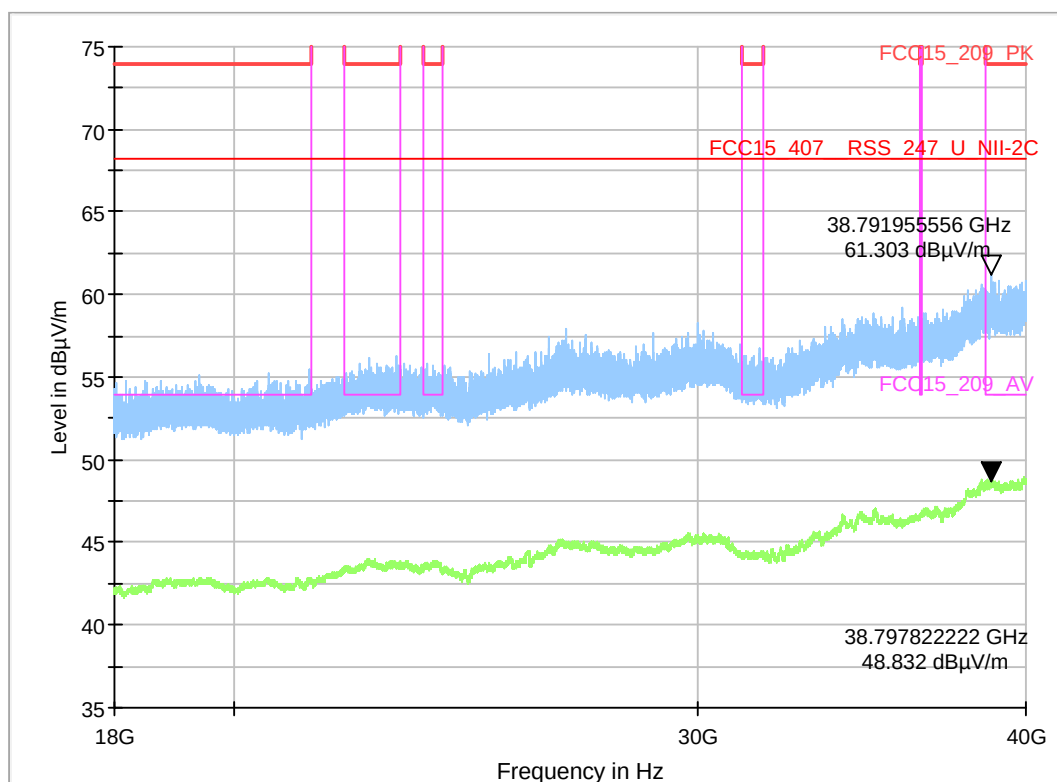
Common Information

Test Description:	Radiated field strength emission accord. §15.247/15.407 in 3m distance
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR2)
Test Standard:	FCC Part 15.247 / 15.407
Section:	-
Operating Mode:	ac20-mode MCS4 ch048
Environmental Conditions:	Humidity: 40% rH; Temperature: 21 °C
Operator:	npe
EUT Setup:	laying
Verdict:	Passed

EUT Information

PMT Sample Nr.	21-1-01787S50_C01
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Full Spectrum



4.03f_ac20-mode_ch048_EUT_standing

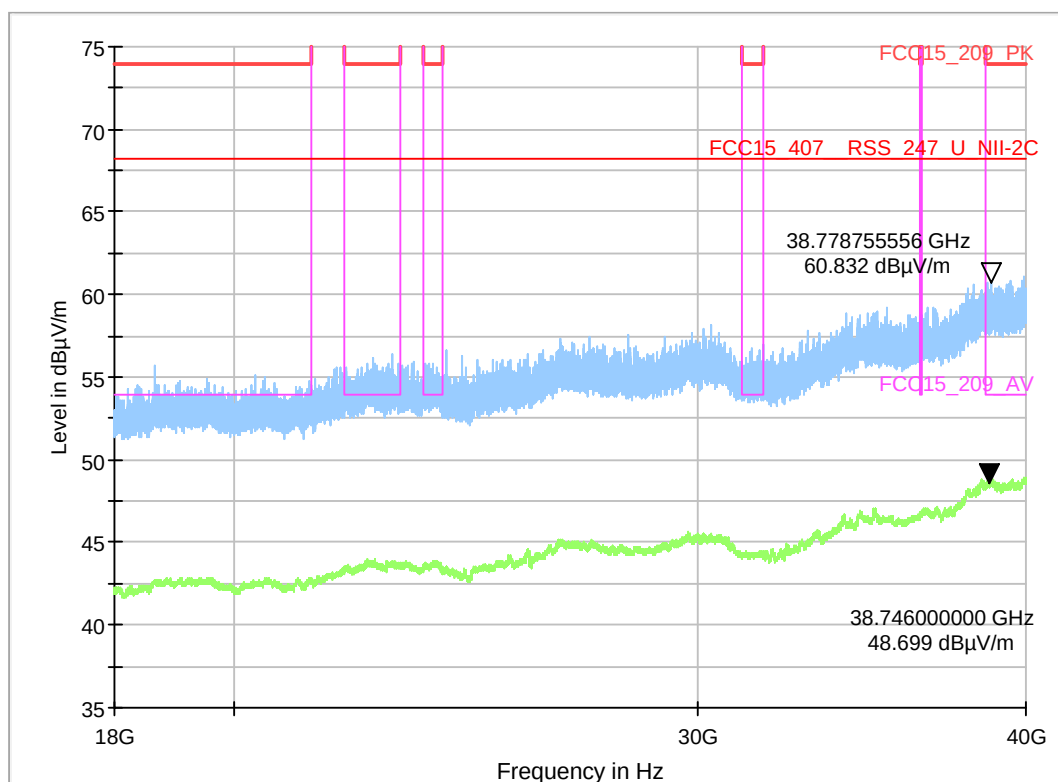
Common Information

Test Description:	Radiated field strength emission accord. §15.247/15.407 in 3m distance
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR2)
Test Standard:	FCC Part 15.247 / 15.407
Section:	-
Operating Mode:	ac20-mode MCS4 ch048
Environmental Conditions:	Humidity: 40% rH; Temperature: 21 °C
Operator:	npe
EUT Setup:	standing
Verdict:	Passed

EUT Information

PMT Sample Nr.	21-1-01787S50_C01
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Full Spectrum



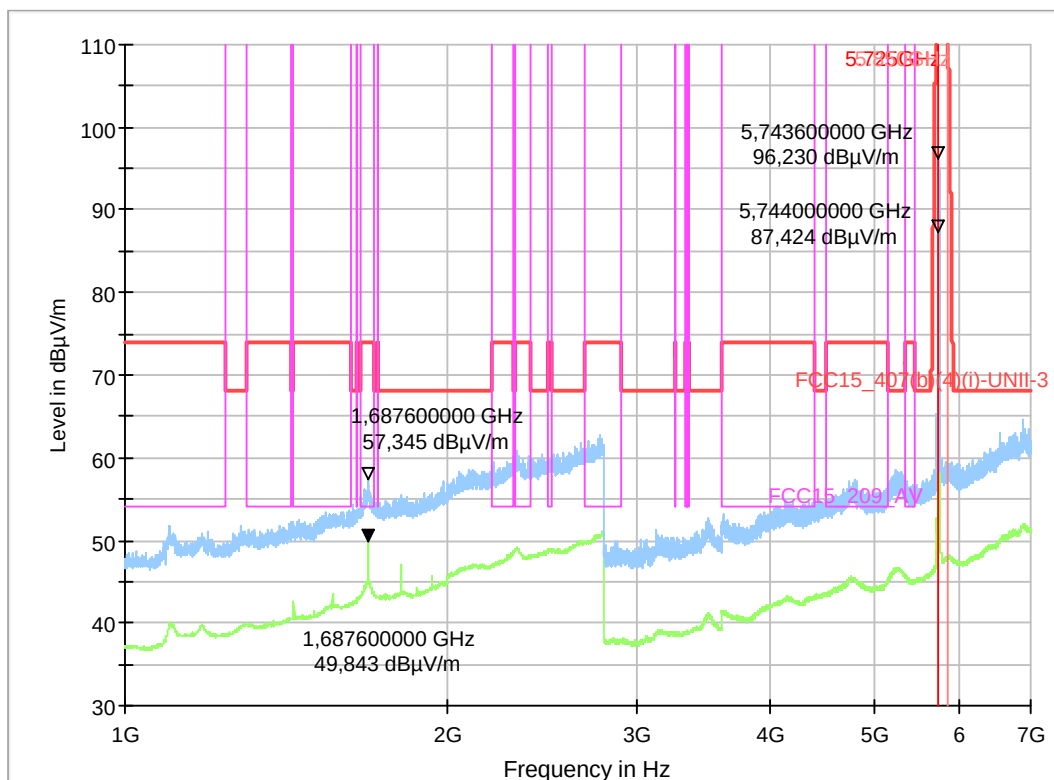
4.04a_a-mode_ch149_laying

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	a-mode 48Mbps ch149
Operator:	SOz
Comment:	Channel no. 149
EUT Setup:	1
Environmental Conditions:	Humidity : 45% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



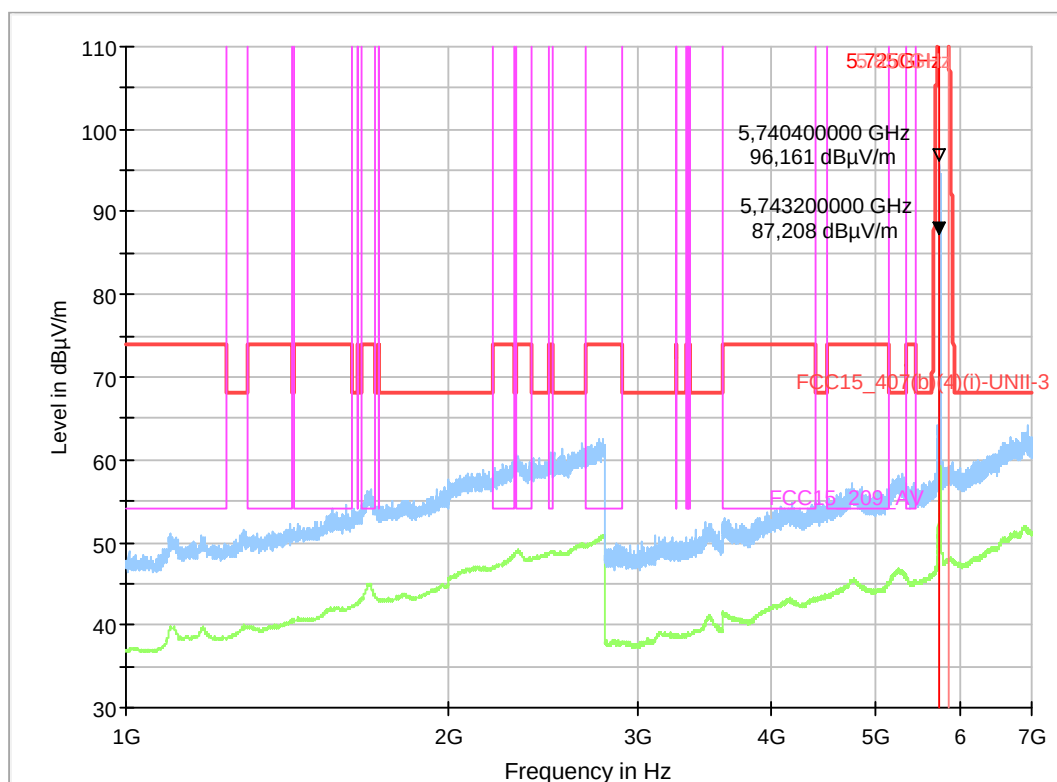
4.04b_a-mode_ch149_standing

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	a-mode 48Mbps ch149
Operator:	SOz
Comment:	Channel no. 149
EUT Setup:	1
Environmental Conditions:	Humidity : 45% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



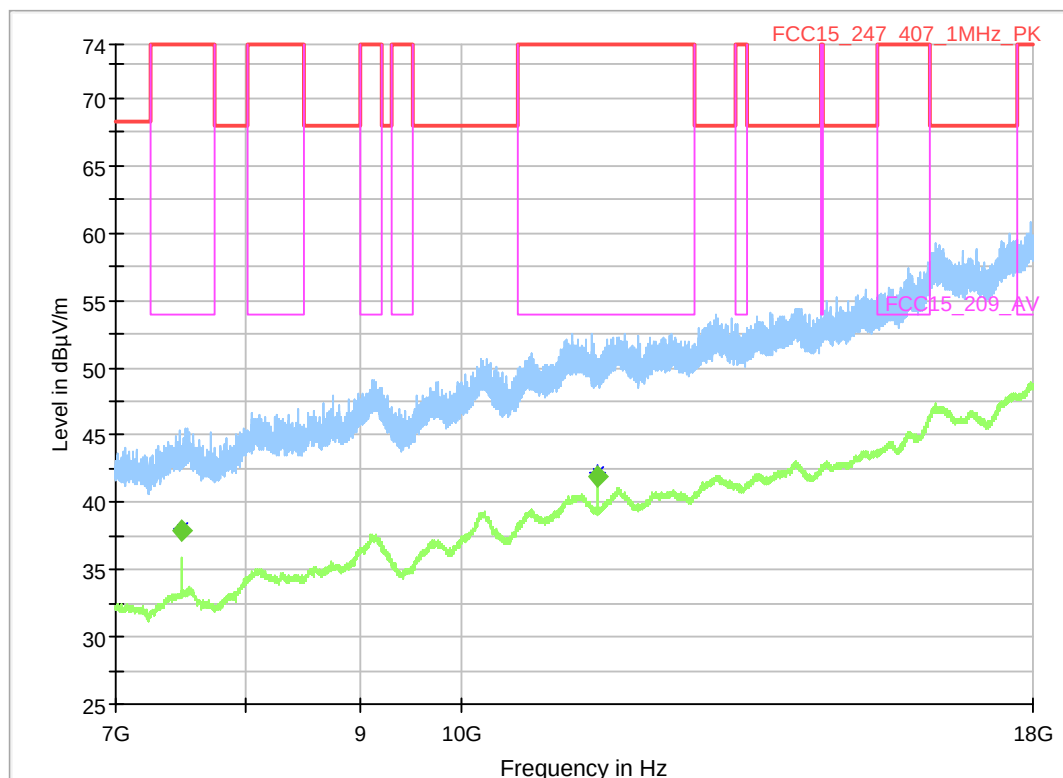
4.04c_a-mode_ch149_laying

Common Information

Test Description:	Radiated Spurious Emission in 1m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	a-mode 48Mbps ch149
Operator:	KTe
Comment:	Channel no. 149
EUT Setup:	1
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7499.000000	---	37.92	54.00	16.08	100.0	1000.000	155.0	V	236.0	11
11490.000000	---	41.97	54.00	12.03	100.0	1000.000	155.0	V	30.0	19

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
7499.000000	-19	-10	40	---	09:49:24 - 06.01.2023
11490.000000	-14	-10	42	---	09:47:29 - 06.01.2023

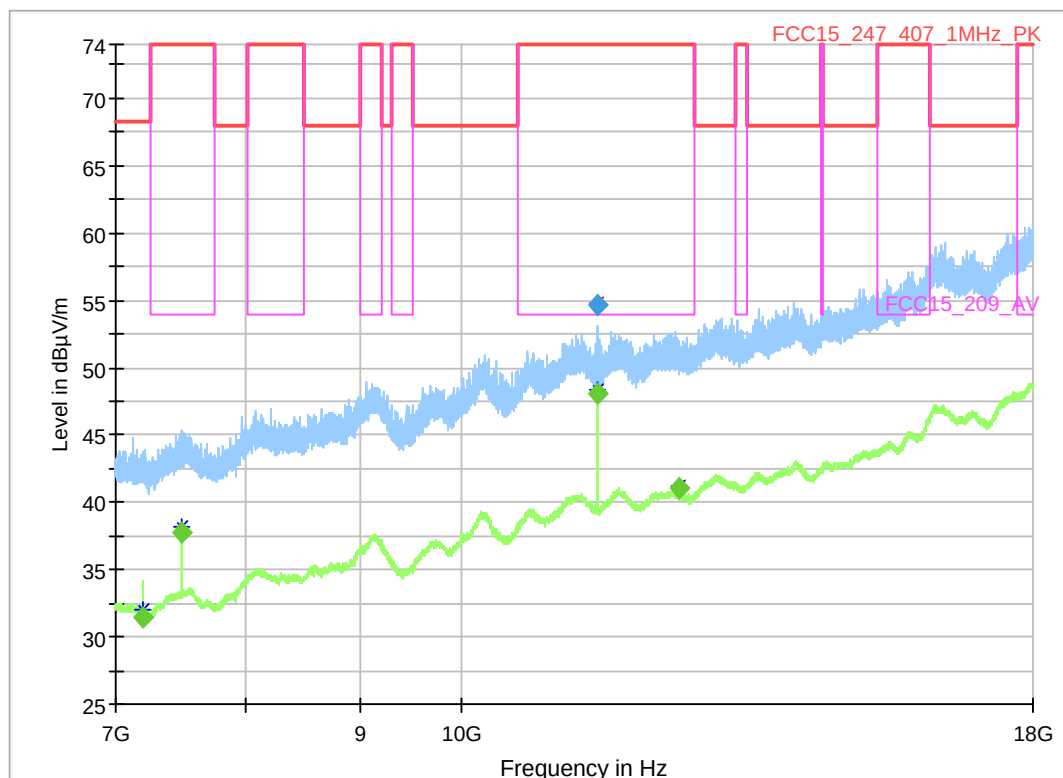
4.04d_a-mode_ch149_standing

Common Information

Test Description:	Radiated Spurious Emission in 1m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	a-mode 48Mbps ch149
Operator:	KTe
Comment:	Channel no. 149
EUT Setup:	1
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7199.150000	---	31.47	150.00	118.53	100.0	1000.000	155.0	H	41.0	9
7499.000000	---	37.81	54.00	16.19	100.0	1000.000	155.0	H	63.0	11
11489.900000	54.66	---	74.00	19.34	100.0	1000.000	155.0	H	336.0	19
11489.950000	---	48.02	54.00	5.98	100.0	1000.000	155.0	H	337.0	19
12498.200000	---	41.05	54.00	12.95	100.0	1000.000	155.0	H	331.0	20

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB/m)	Raw Rec (dB μ V)	Comment
7199.150000	-20	-10	38	---	13:20:09 - 06.01.2023
7499.000000	-19	-10	40	---	13:21:51 - 06.01.2023
11489.900000	-14	-10	42	---	13:18:03 - 06.01.2023
11489.950000	-14	-10	42	---	13:23:54 - 06.01.2023
12498.200000	-14	-10	44	---	13:25:35 - 06.01.2023

4.04e_a-mode_ch149_EUT_laying

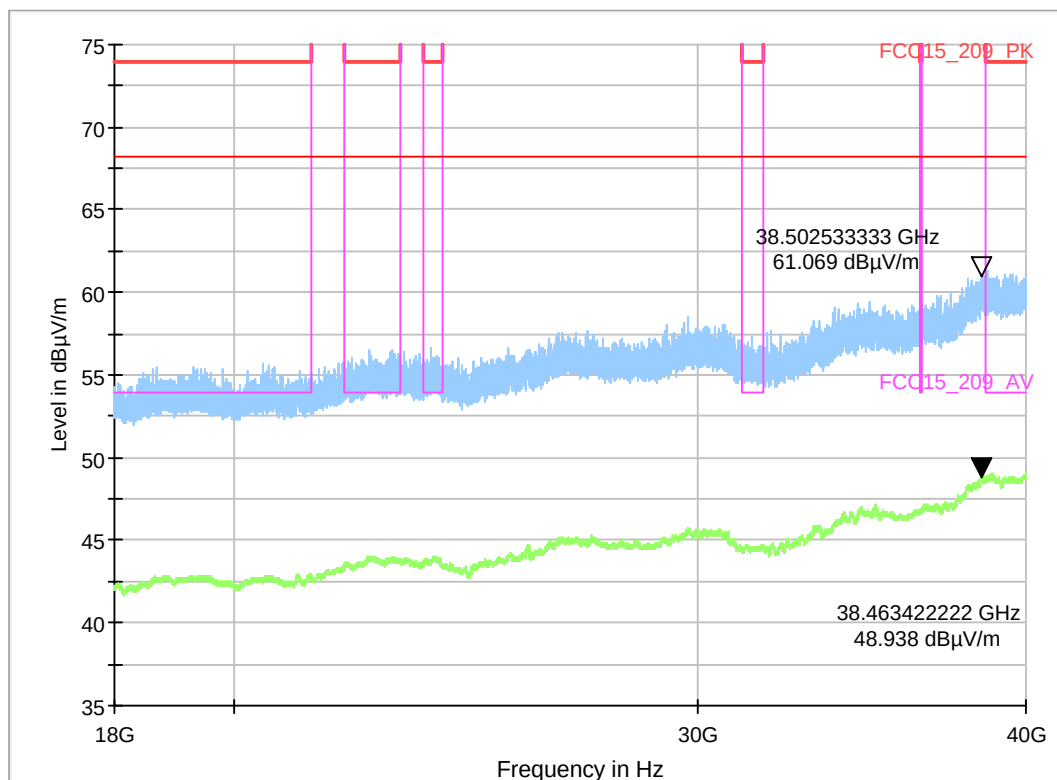
Common Information

Test Description:	Radiated field strength emission accord. §15.247/15.407 in 3m distance
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR2)
Test Standard:	FCC Part 15.247 / 15.407
Section:	-
Operating Mode:	a-mode 48Mbps ch149
Environmental Conditions:	Humidity: 40% rH; Temperature: 21 °C
Operator:	npe
EUT Setup:	laying
Verdict:	Passed

EUT Information

PMT Sample Nr. 21-1-01787S50_C01

Full Spectrum



4.04f_a-mode_ch149_EUT_standing

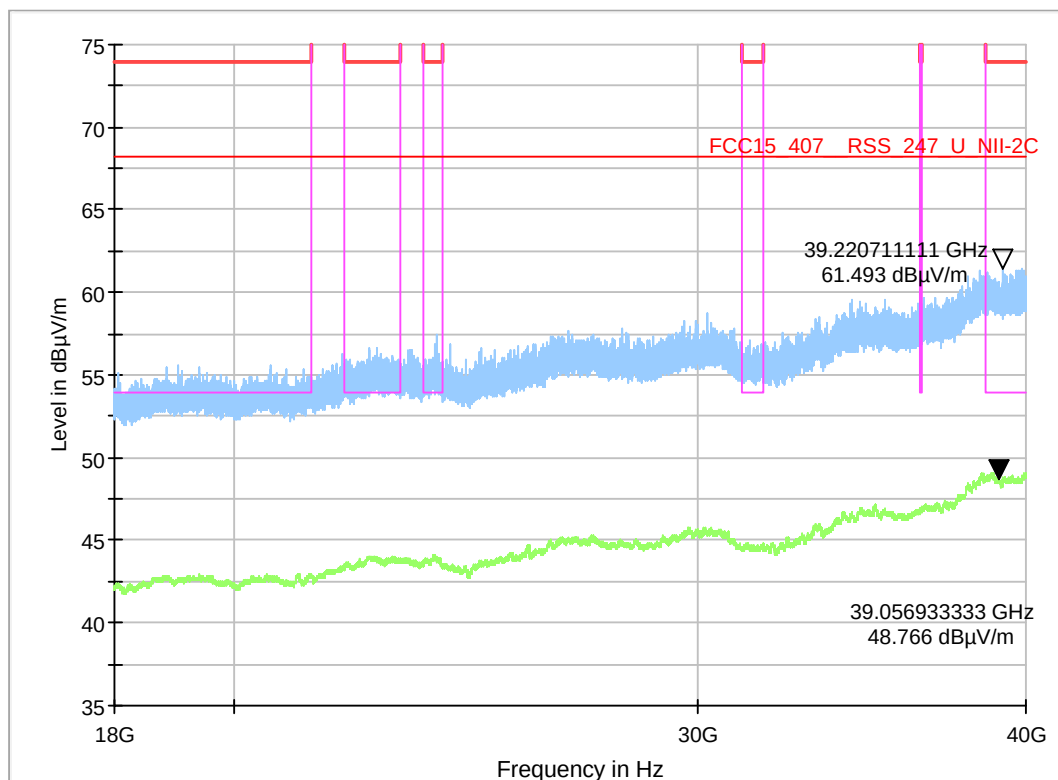
Common Information

Test Description:	Radiated field strength emission accord. §15.247/15.407 in 3m distance
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR2)
Test Standard:	FCC Part 15.247 / 15.407
Section:	-
Operating Mode:	a-mode 48Mbps ch149
Environmental Conditions:	Humidity: 40% rH; Temperature: 21 °C
Operator:	npe
EUT Setup:	standing
Verdict:	Passed

EUT Information

PMT Sample Nr. 21-1-01787S50_C01

Full Spectrum



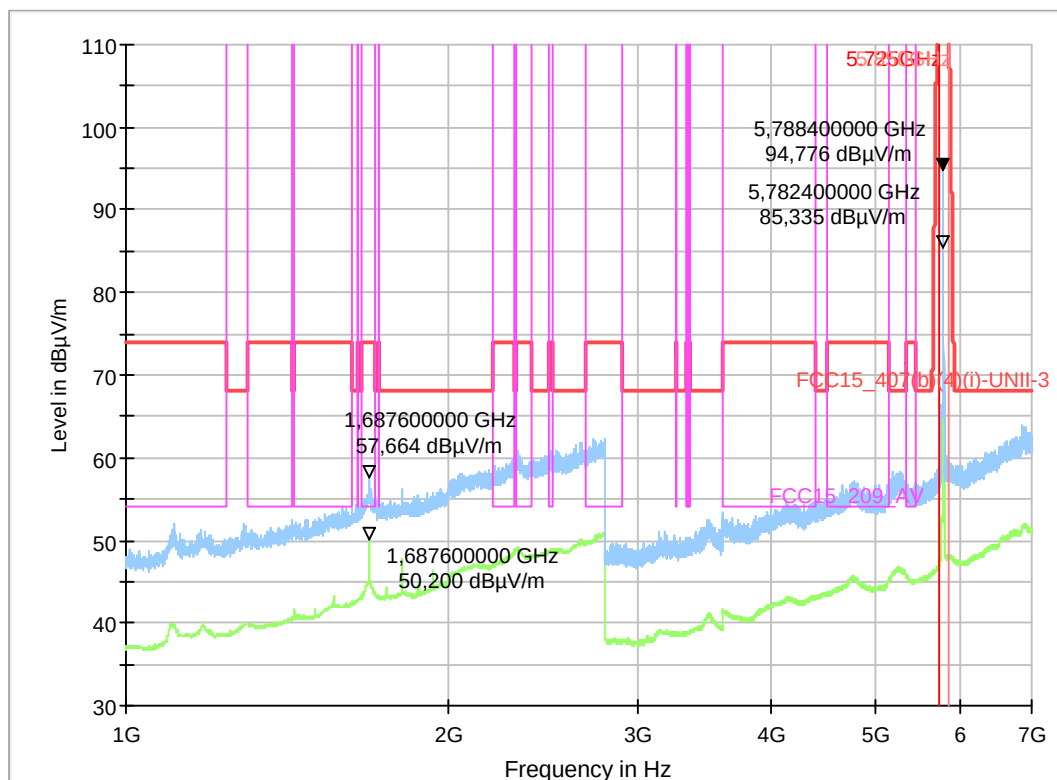
4.05a_n20-mode_ch157_laying

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	n20-mode MCS6 ch157
Operator:	SOz
Comment:	Channel no. 157
EUT Setup:	1
Environmental Conditions:	Humidity : 45% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



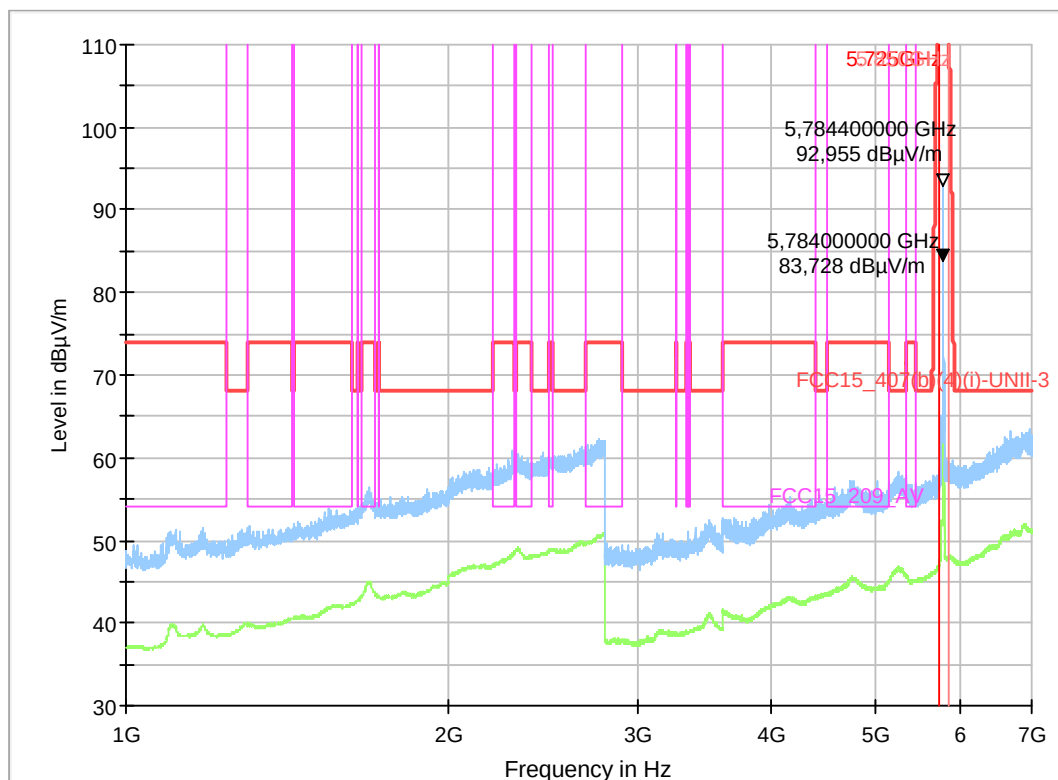
4.05b_n20-mode_ch157_standing

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	n20-mode MCS6 ch157
Operator:	SOz
Comment:	Channel no. 157
EUT Setup:	1
Environmental Conditions:	Humidity : 45% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



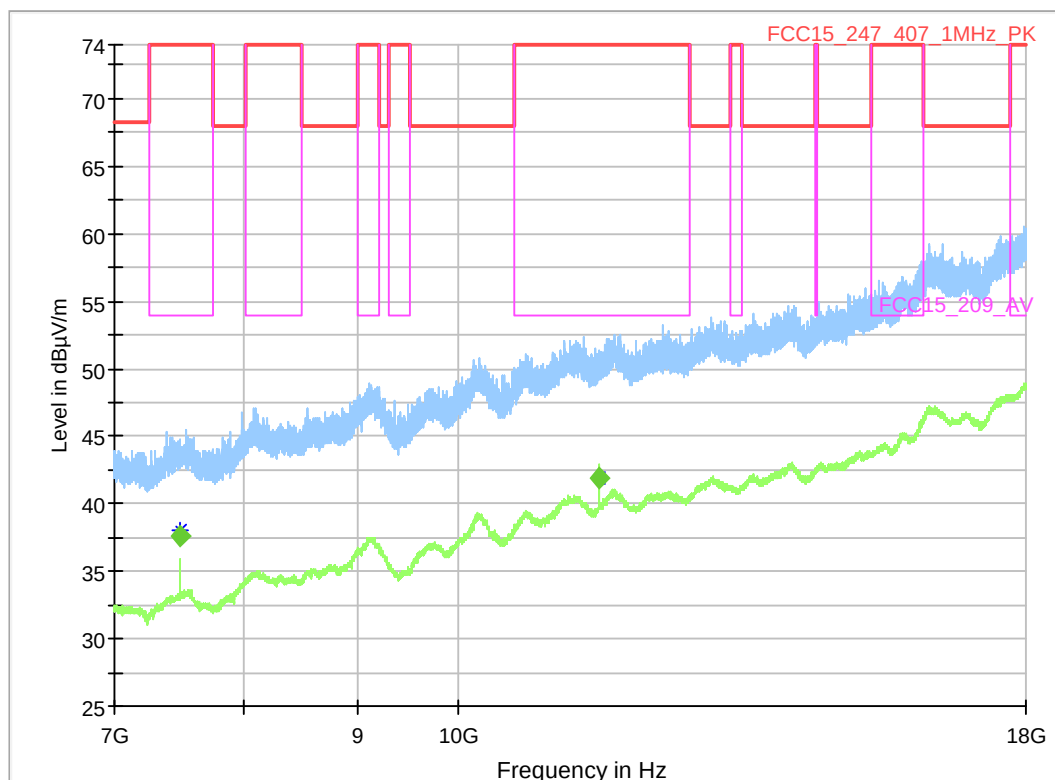
4.05c_n20-mode_ch157_laying

Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: --
 Operating Mode: n20-mode | MCS6 | ch157
 Operator: KTe
 Comment: Channel no. 157
 EUT Setup: 1
 Environmental Conditions: Humidity : 50% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01
 Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	RMS (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7499.000000	---	37.55	54.00	16.45	100.0	1000.000	155.0	V	237.0	11
11570.050000	---	41.98	54.00	12.02	100.0	1000.000	155.0	V	31.0	19

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB/m)	Raw Rec (dBμV)	Comment
7499.000000	-19	-10	40	---	10:15:47 - 06.01.2023
11570.050000	-14	-10	42	---	10:13:53 - 06.01.2023

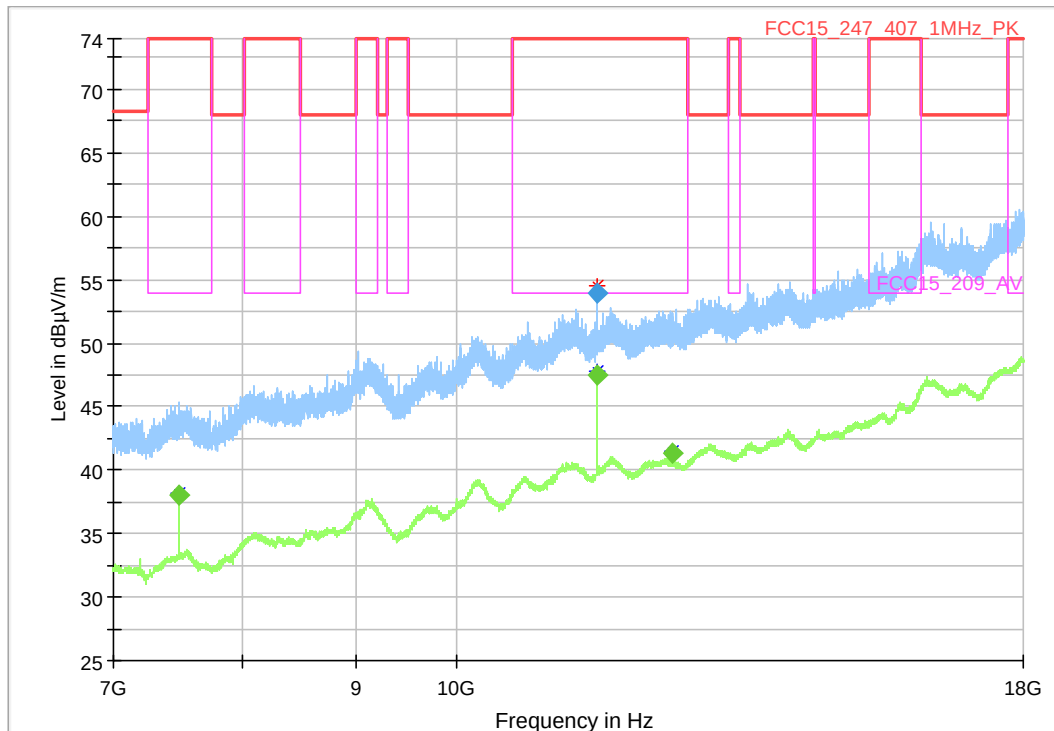
4.05d_n20-mode_ch157_standing

Common Information

Test Description: Radiated Spurious Emission in 1m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: --
 Operating Mode: n20-mode | MCS6 | ch157
 Operator: KTe
 Comment: Channel no. 157
 EUT Setup: 1
 Environmental Conditions: Humidity : 50% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01
 Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	RMS (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7499.100000	---	38.10	54.00	15.90	100.0	1000.000	155.0	H	62.0	11
11569.900000	---	47.44	54.00	6.56	100.0	1000.000	155.0	H	333.0	19
11569.900000	53.97	---	74.00	20.03	100.0	1000.000	155.0	H	340.0	19
12498.300000	---	41.39	54.00	12.61	100.0	1000.000	155.0	H	330.0	20

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB/m)	Raw Rec (dBμV)	Comment
7499.100000	-19	-10	40	---	13:53:20 - 06.01.2023
11569.900000	-14	-10	42	---	13:55:25 - 06.01.2023
11569.900000	-14	-10	42	---	13:51:14 - 06.01.2023
12498.300000	-14	-10	44	---	13:57:05 - 06.01.2023

4.05e_n20-mode_ch157_EUT_laying

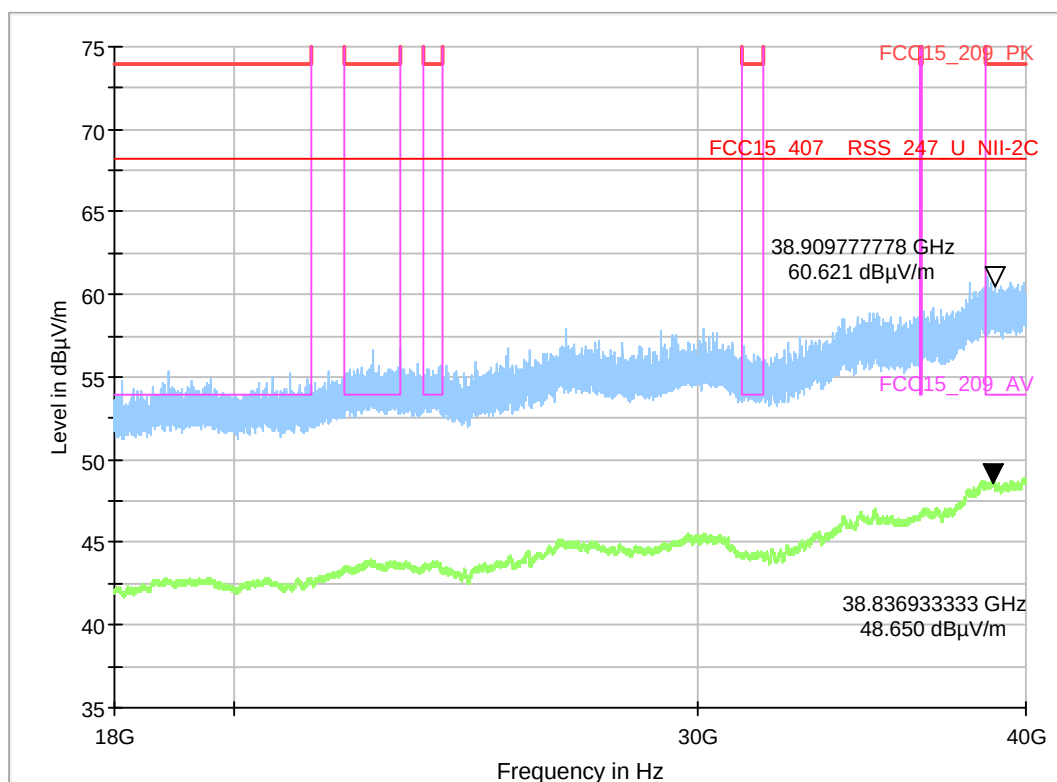
Common Information

Test Description:	Radiated field strength emission accord. §15.247/15.407 in 3m distance
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR2)
Test Standard:	FCC Part 15.247 / 15.407
Section:	-
Operating Mode:	n20-mode MCS6 ch157
Environmental Conditions:	Humidity: 40% rH; Temperature: 21 °C
Operator:	npe
EUT Setup:	laying
Verdict:	Passed

EUT Information

PMT Sample Nr.	21-1-01787S50_C01
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Full Spectrum



4.05f_n20-mode_ch157_EUT_standing

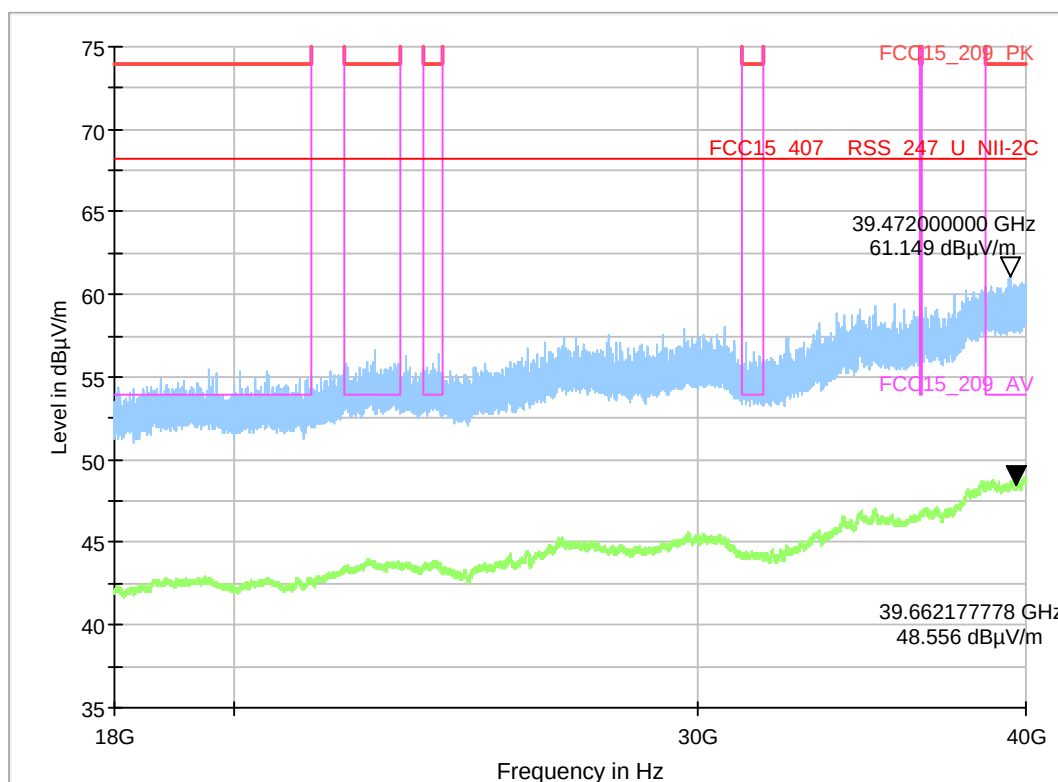
Common Information

Test Description:	Radiated field strength emission accord. §15.247/15.407 in 3m distance
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR2)
Test Standard:	FCC Part 15.247 / 15.407
Section:	-
Operating Mode:	n20-mode MCS6 ch157
Environmental Conditions:	Humidity: 40% rH; Temperature: 21 °C
Operator:	npe
EUT Setup:	standing
Verdict:	Passed

EUT Information

PMT Sample Nr.	21-1-01787S50_C01
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Full Spectrum



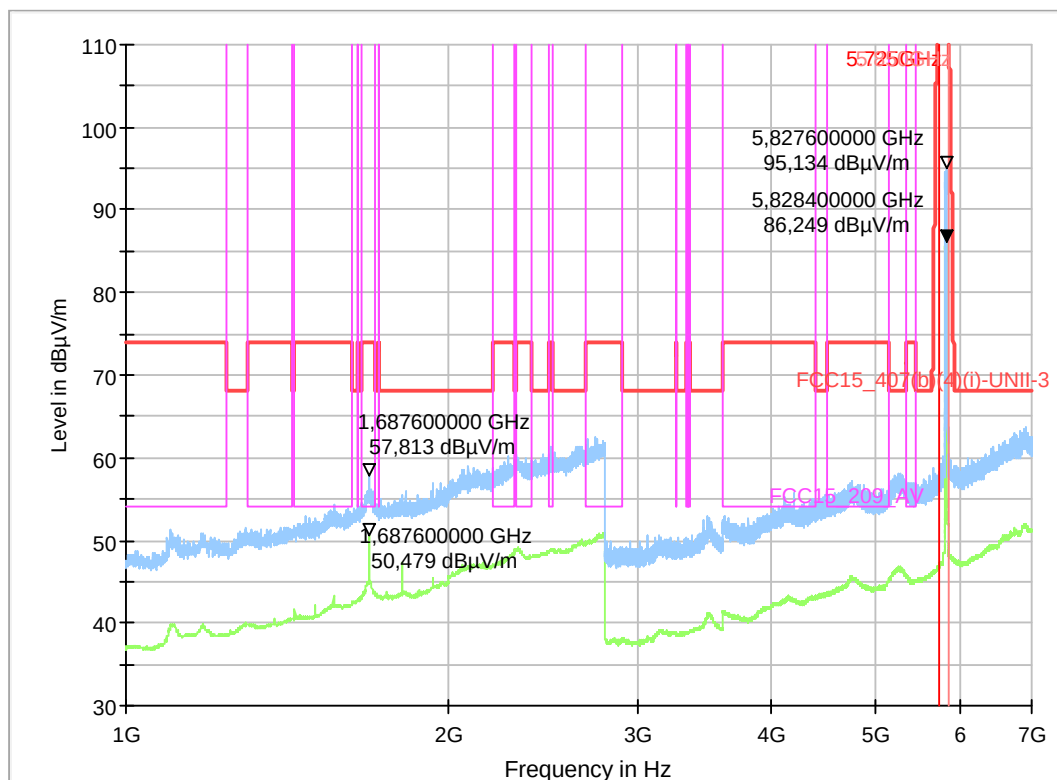
4.06a_ac20-mode_ch165_laying

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac20-mode MCS4 ch165
Operator:	SOz
Comment:	Channel no. 165
EUT Setup:	1
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



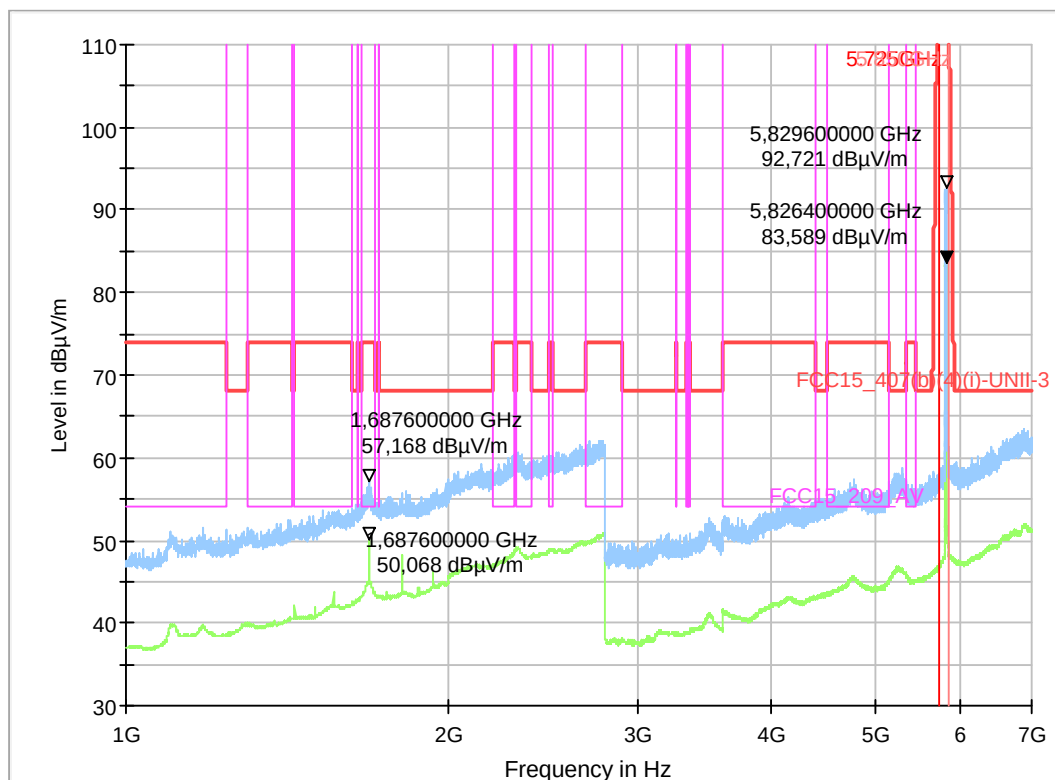
4.06b_ac20-mode_ch165_standing

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac20-mode MCS4 ch165
Operator:	SOz
Comment:	Channel no. 165
EUT Setup:	1
Environmental Conditions:	Humidity : 45% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



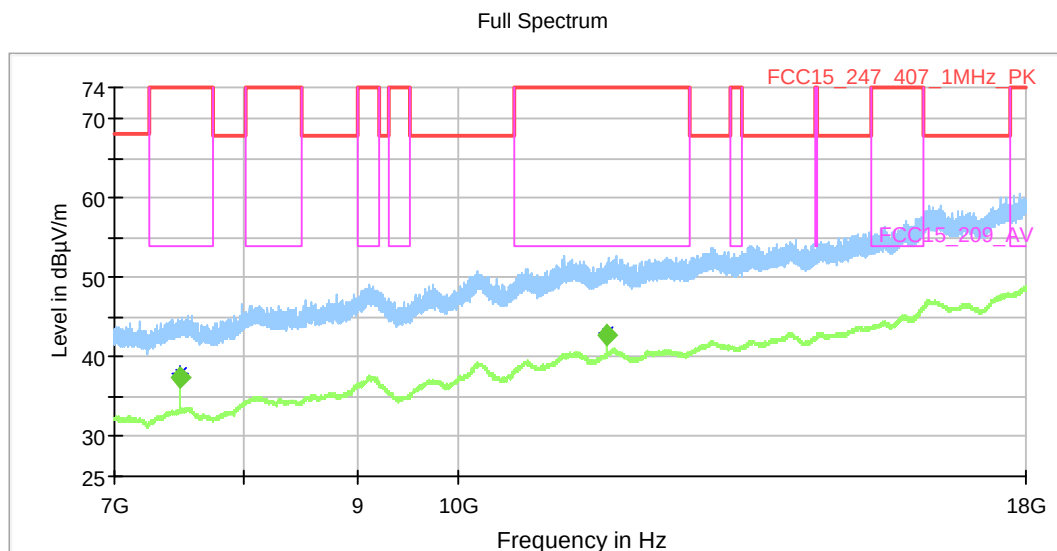
4.06c_ac20-mode_ch165_laying

Common Information

Test Description:	Radiated Spurious Emissions 7-15 Ghz
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac20-mode MCS4 ch165
Operator:	SOz
Comment:	Channel no. 165
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
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Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)
7499.030000	---	37.45	54.00	16.55	100.0	1000.000	155.0	V	237.0	0.0
11649.940000	---	42.77	54.00	11.23	100.0	1000.000	155.0	V	30.0	0.0

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
7499.030000	11	-19	-10	40	---	07:36:34 - 06.01.2023
11649.940000	19	-14	-10	43	---	07:34:34 - 06.01.2023

4.06d_ac20-mode_ch165_standing

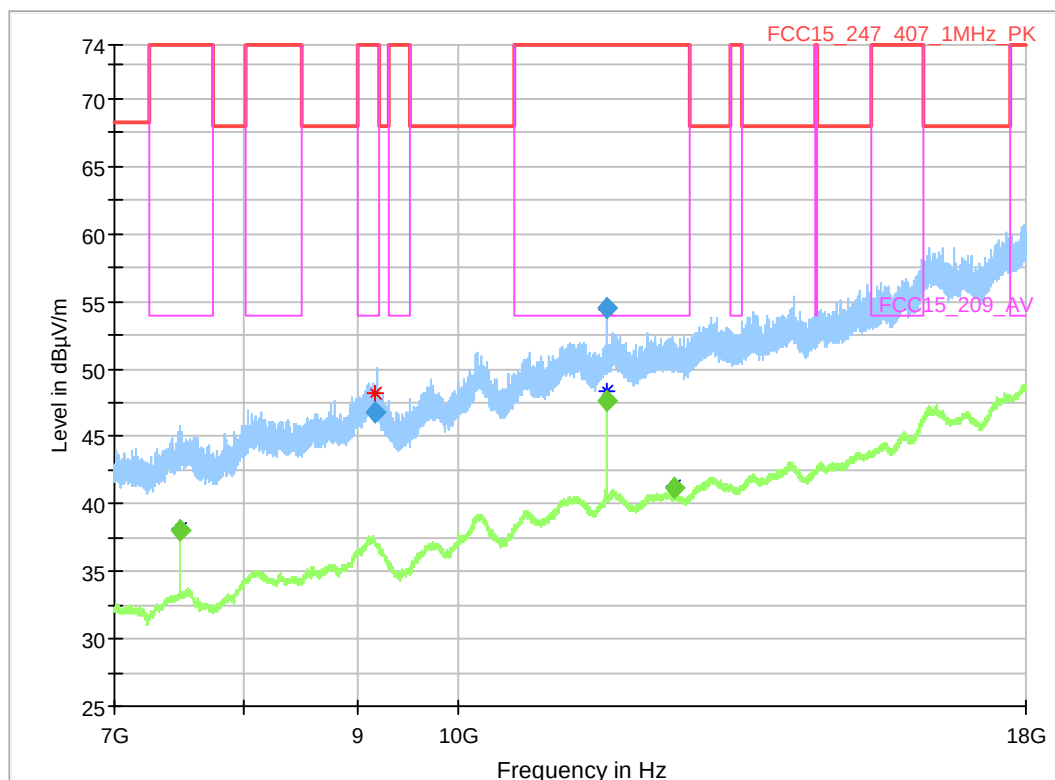
Common Information

Test Description:	Radiated Spurious Emission in 1m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac20-mode MCS4 ch165
Operator:	KTe
Comment:	Channel no. 165
EUT Setup:	1
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
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Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	RMS (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7499.050000	---	38.10	54.00	15.90	100.0	1000.000	155.0	H	62.0	11
9167.850000	46.83	---	74.00	27.17	100.0	1000.000	155.0	H	35.0	15
11649.950000	---	47.57	54.00	6.43	100.0	1000.000	155.0	H	339.0	19
11649.950000	54.58	---	74.00	19.42	100.0	1000.000	155.0	H	330.0	19
12498.300000	---	41.16	54.00	12.84	100.0	1000.000	155.0	H	331.0	20

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB/m)	Raw Rec (dB μ V)	Comment
7499.050000	-19	-10	40	---	10:52:58 - 06.01.2023
9167.850000	-17	-10	42	---	10:48:56 - 06.01.2023
11649.950000	-14	-10	43	---	10:54:56 - 06.01.2023
11649.950000	-14	-10	43	---	10:50:58 - 06.01.2023
12498.300000	-14	-10	44	---	10:56:34 - 06.01.2023

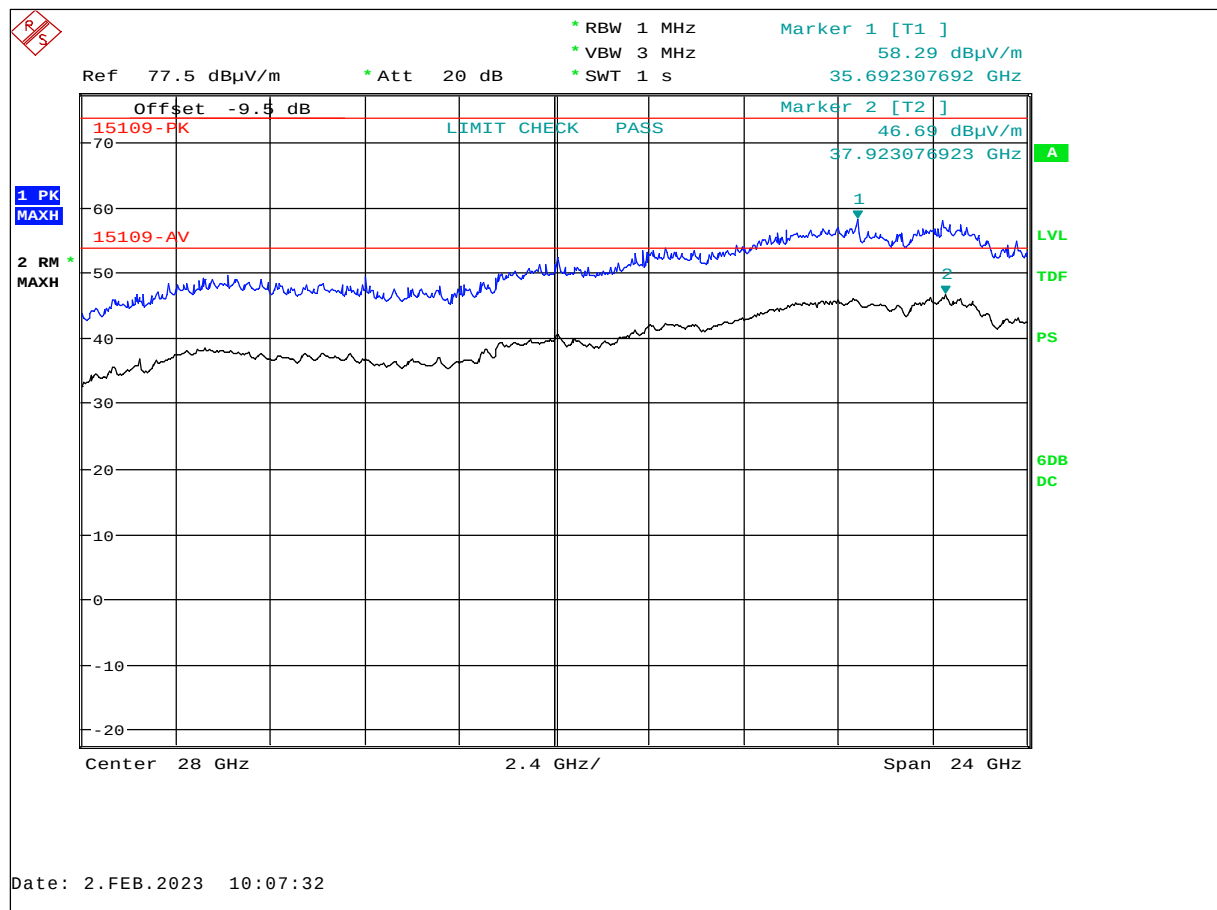
4.06e_ac20-mode_ch165

Common Information

Test Description:	Radiated Spurious Emission in 1m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac20-mode MCS4 ch165
Operator:	KTe
Comment:	Channel no. 165
EUT Setup:	1
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
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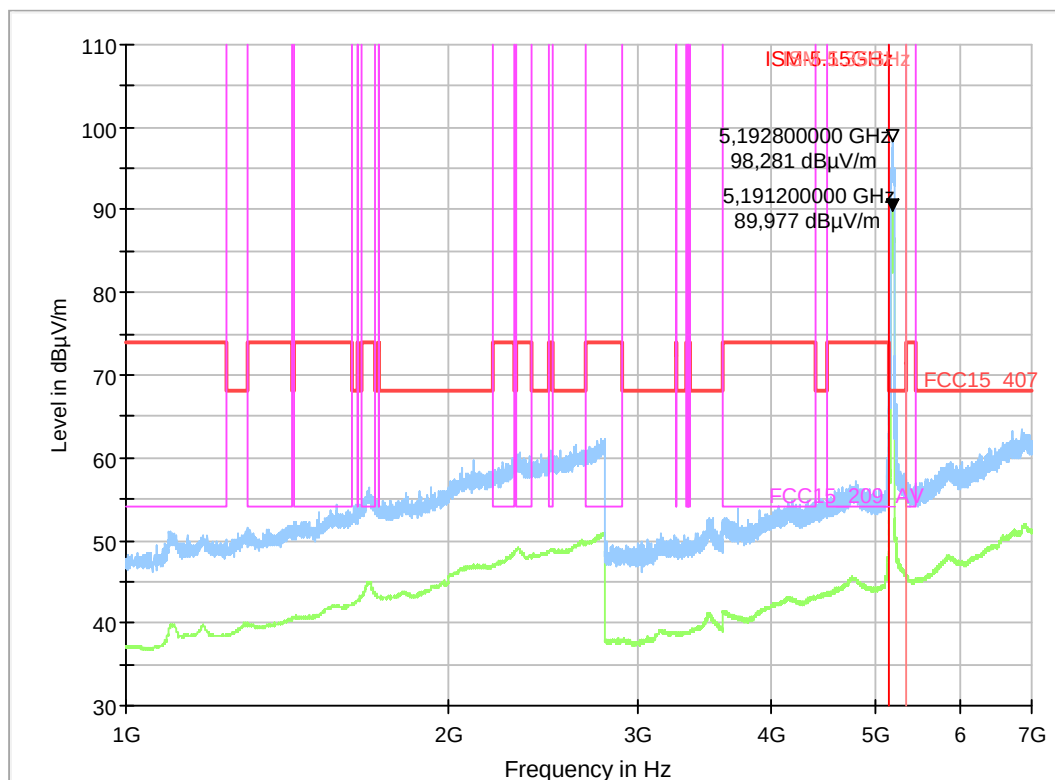
4.07a_n40-mode_ch038_laying

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	n40-mode MCS0 ch038
Operator:	SOz
Comment:	Channel no. 38
EUT Setup:	1
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



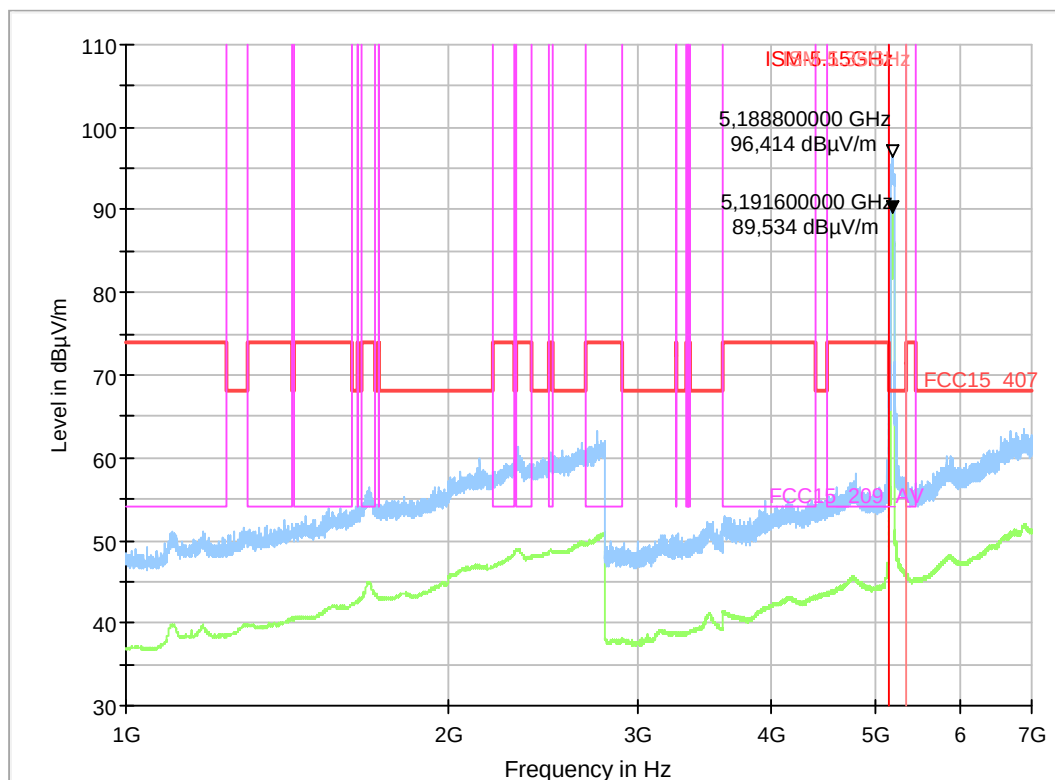
4.07b_n40-mode_ch038_standing

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	n40-mode MCS0 ch038
Operator:	Soz
Comment:	Channel no. 38
EUT Setup:	1
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



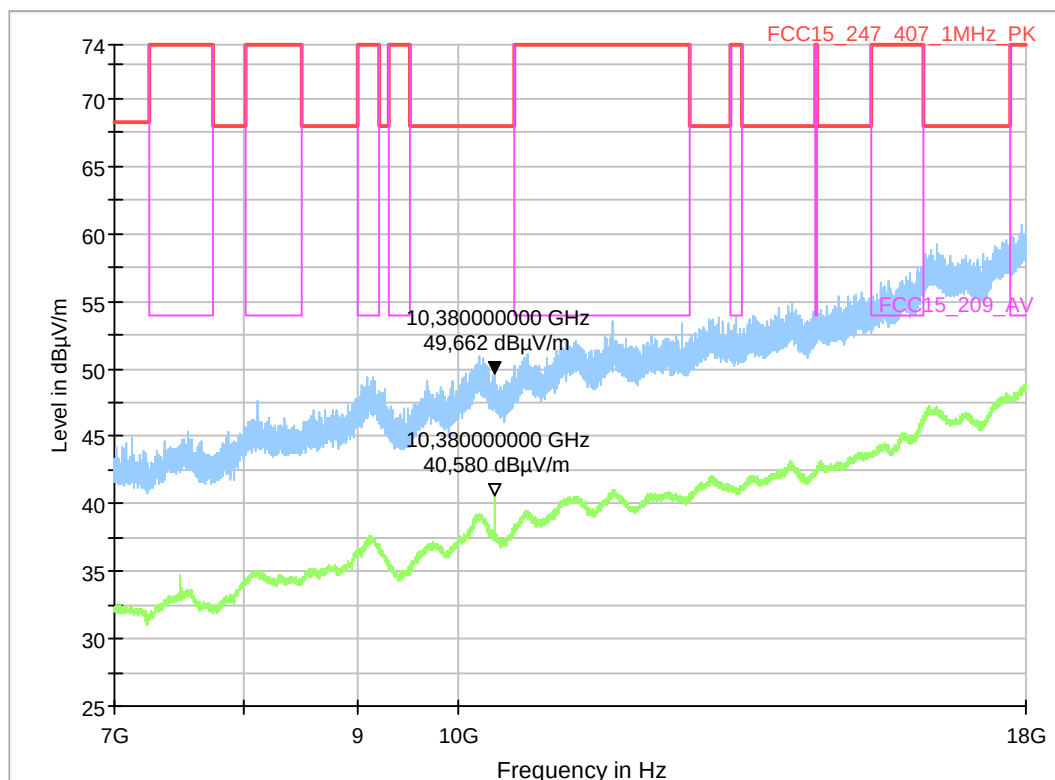
4.07c_n40-mode_ch038_laying

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	n40-mode MCS0 ch038
Operator:	SOz
Comment:	Channel no. 38
EUT Setup:	1
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



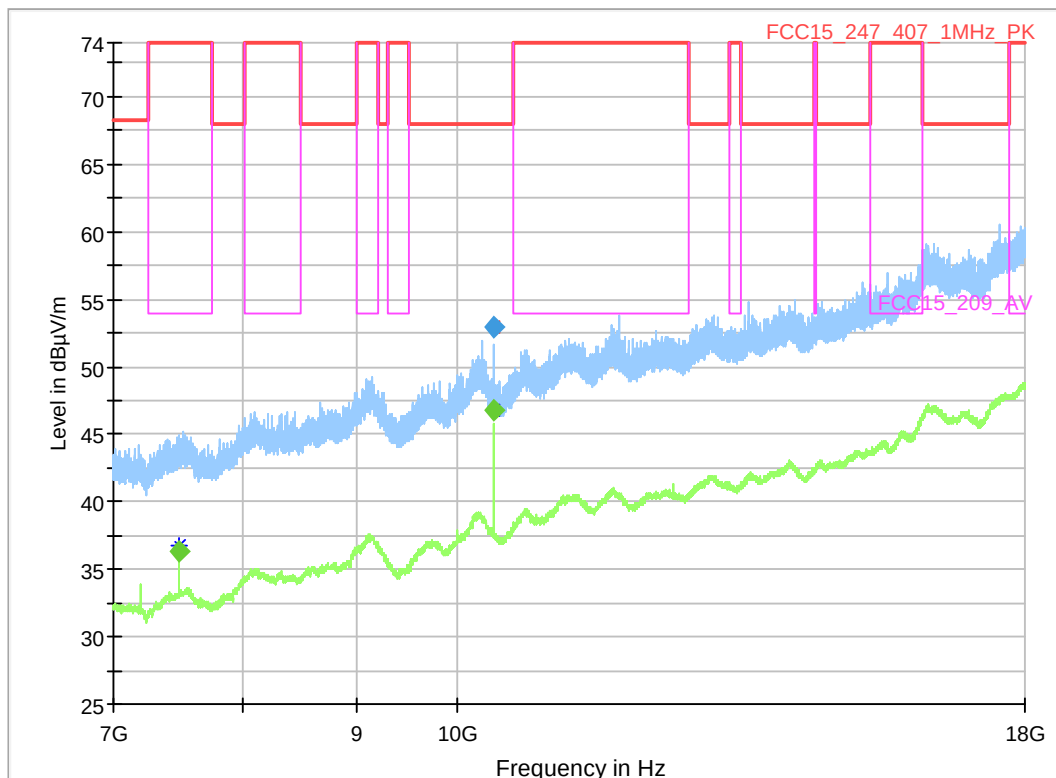
4.07d_n40-mode_ch038_standing

Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: --
 Operating Mode: n40-mode | MCS0 | ch38
 Operator: SOz
 Comment: Channel no. low=38
 EUT Setup: 1
 Environmental Conditions: Humidity : 42% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01
 Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7499.100000	---	36.28	54.00	17.72	100.0	1000.000	155.0	H	343.0	11
10379.900000	---	46.71	150.00	103.29	100.0	1000.000	155.0	V	313.0	17
10380.000000	52.96	---	68.00	15.04	100.0	1000.000	155.0	V	320.0	17

(continuation of the "Final Result" table from column 16 ...)

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
7499.100000	-19	-10	40	---	11:33:25 - 09.01.2023
10379.900000	-16	-10	42	---	11:35:12 - 09.01.2023
10380.000000	-16	-10	42	---	11:31:40 - 09.01.2023

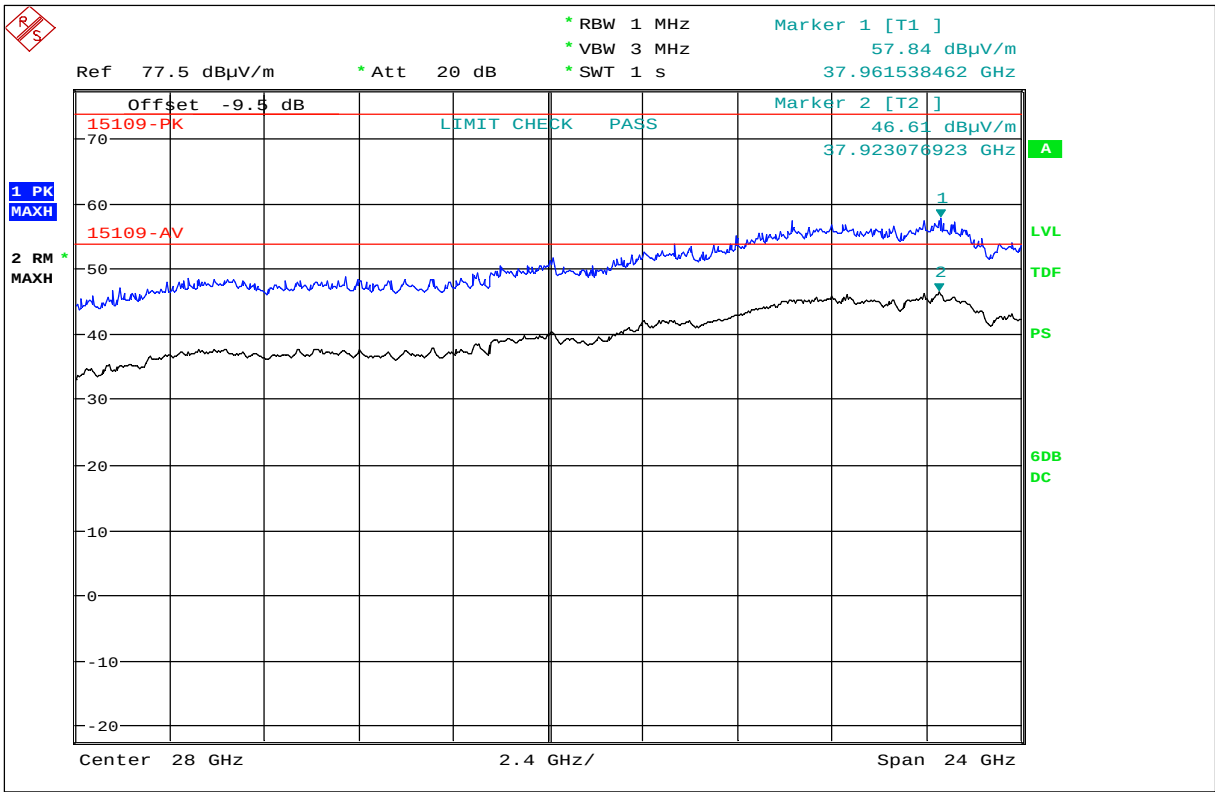
4.07e_n40-mode_ch038

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	n40-mode MCS0 ch38
Operator:	SQz
Comment:	Channel no. low=38
EUT Setup:	1
Environmental Conditions::	Humidity : 42% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
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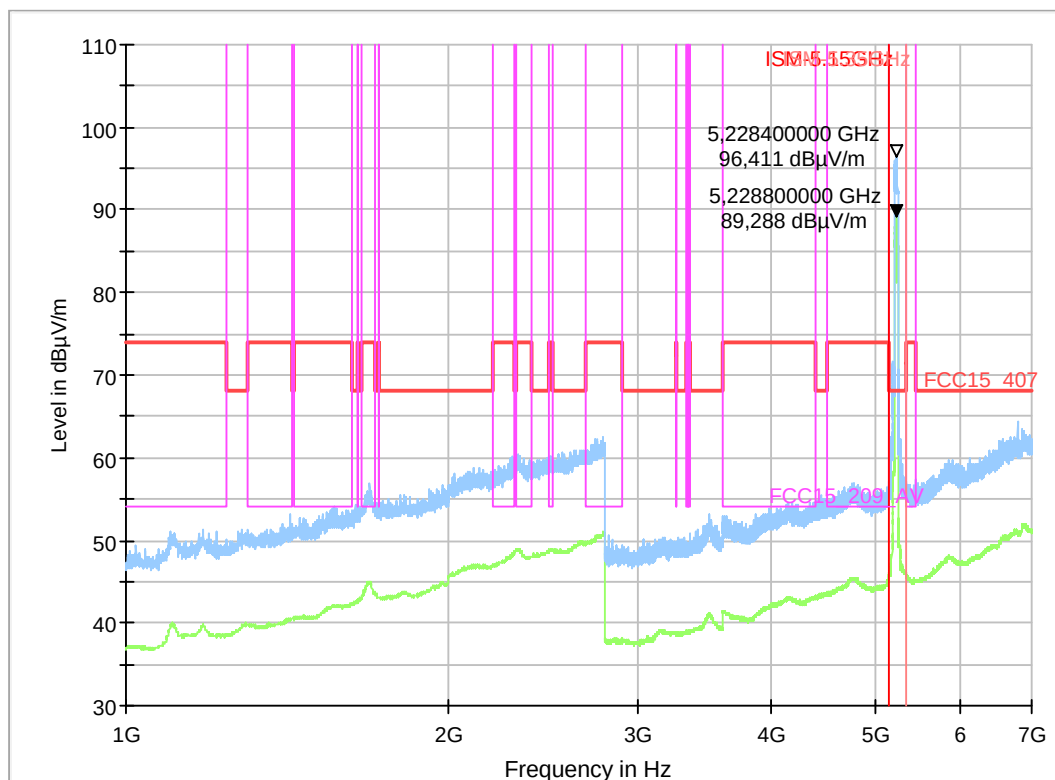
4.08a_ac40-mode_ch046_laying

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac40-mode MCS0 ch046
Operator:	SOz
Comment:	Channel no. 46
EUT Setup:	1
Environmental Conditions:	Humidity : 45% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



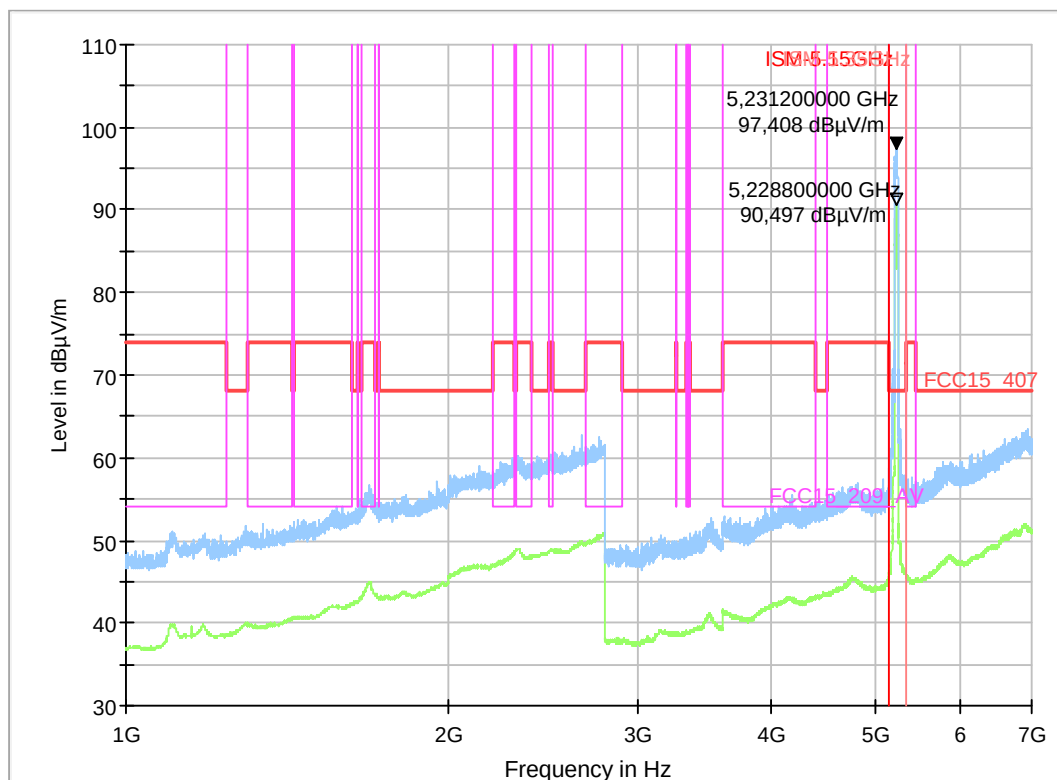
4.08b_ac40-mode_ch046_standing

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac40-mode MCS0 ch046
Operator:	Soz
Comment:	Channel no. 46
EUT Setup:	1
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



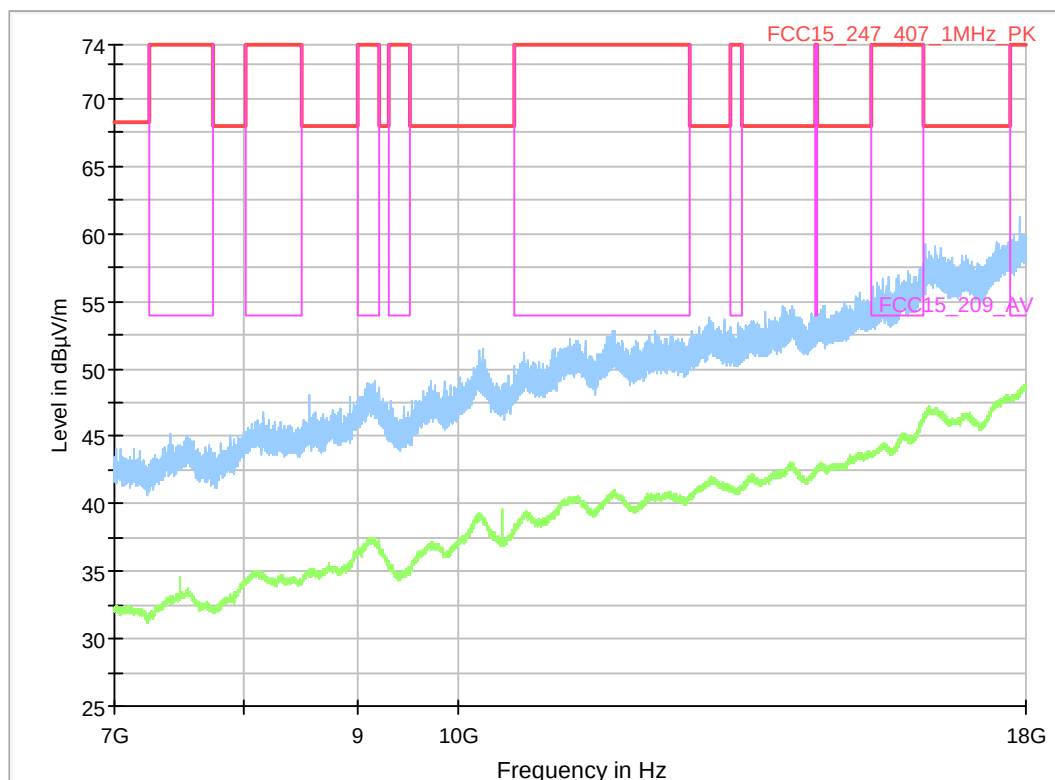
4.08c_ac40-mode_ch046_laying

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac40-mode MCS0 ch046
Operator:	SOz
Comment:	Channel no. 46
EUT Setup:	1
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



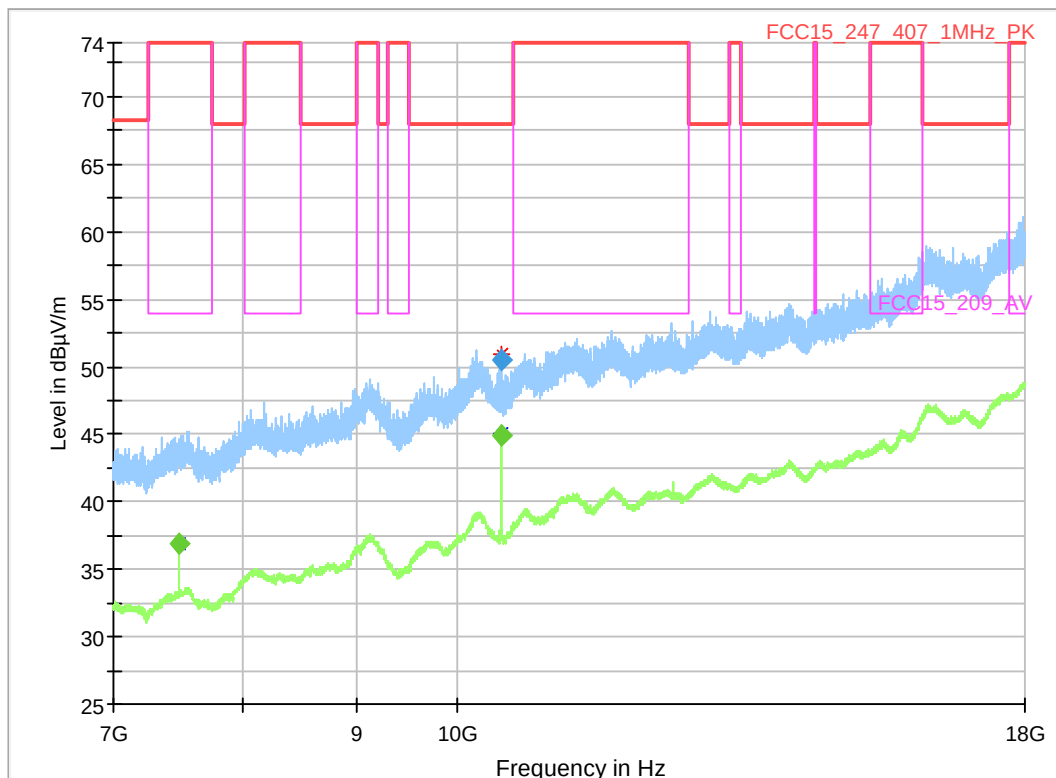
4.08d_ac40-mode_ch046_standing

Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: --
 Operating Mode: AC40-mode |MCS0 | ch46
 Operator: Lor
 Comment: Channel no. high=46
 EUT Setup: 1
 Environmental Conditions: Humidity : 42% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01
 Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7499.050000	---	36.84	54.00	17.16	100.0	1000.000	155.0	H	341.0	11
10459.650000	50.53	---	68.00	17.47	100.0	1000.000	155.0	V	324.0	16
10459.950000	---	44.92	150.00	105.08	100.0	1000.000	155.0	V	315.0	16

(continuation of the "Final Result" table from column 16 ...)

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
7499.050000	-19	-10	40	---	12:04:03 - 09.01.2023
10459.650000	-15	-10	41	---	12:02:18 - 09.01.2023
10459.950000	-15	-10	41	---	12:05:50 - 09.01.2023

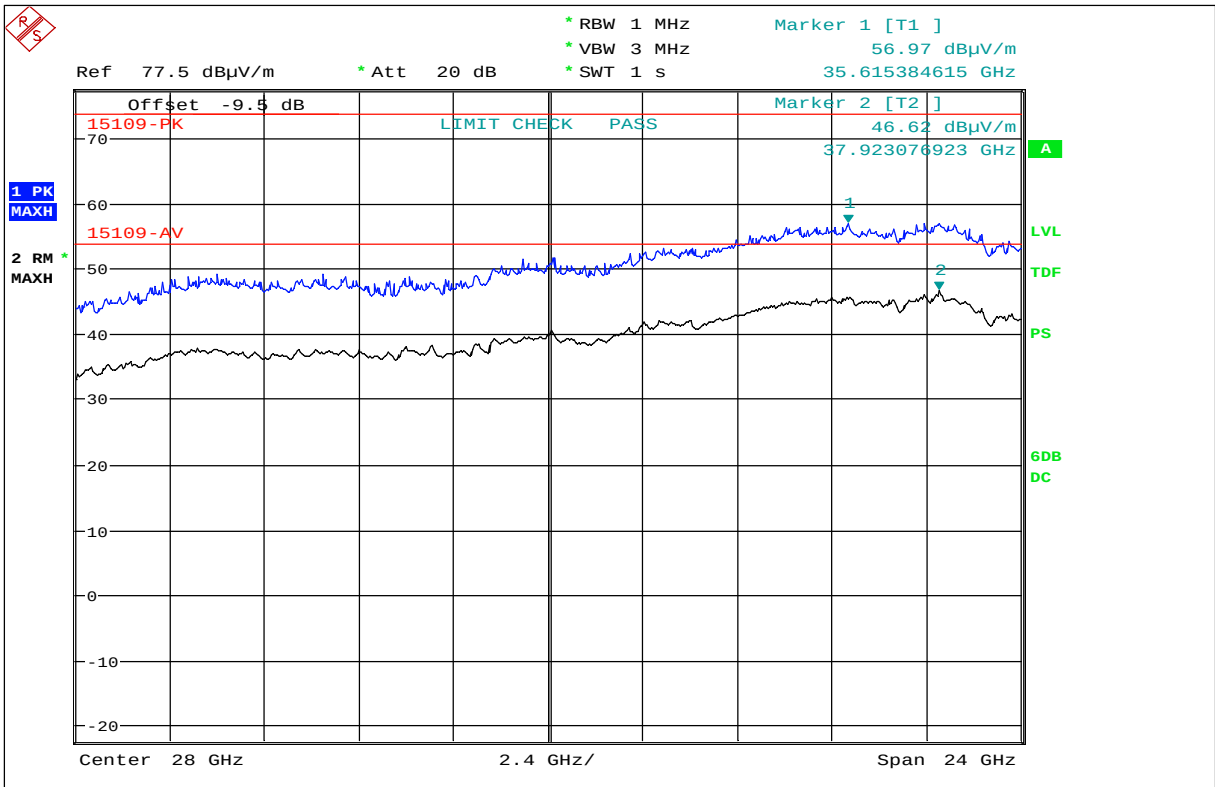
4.08e_ac40-mode_ch046_standing

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	AC40-mode MCS0 ch46
Operator:	Lor
Comment:	Channel no. high=46
EUT Setup:	1
Environmental Conditions::	Humidity : 42% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
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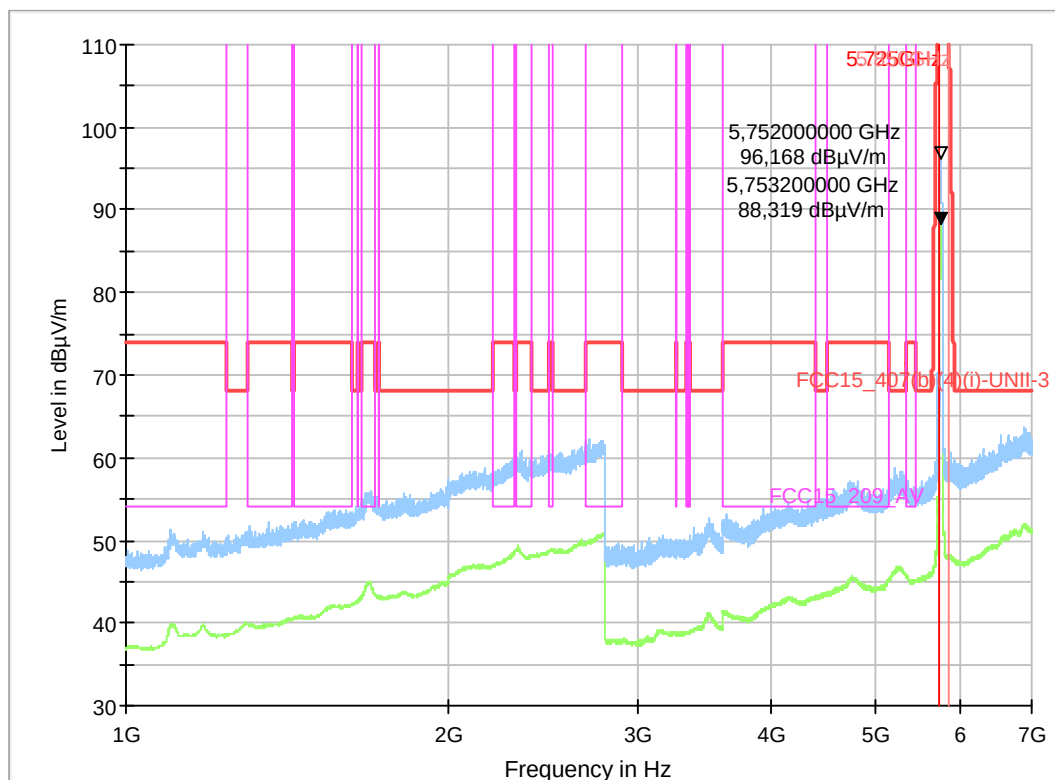
4.09a_n40-mode_ch0151_laying

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	n40-mode MCS0 ch151
Operator:	SOz
Comment:	Channel no. 151
EUT Setup:	1
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



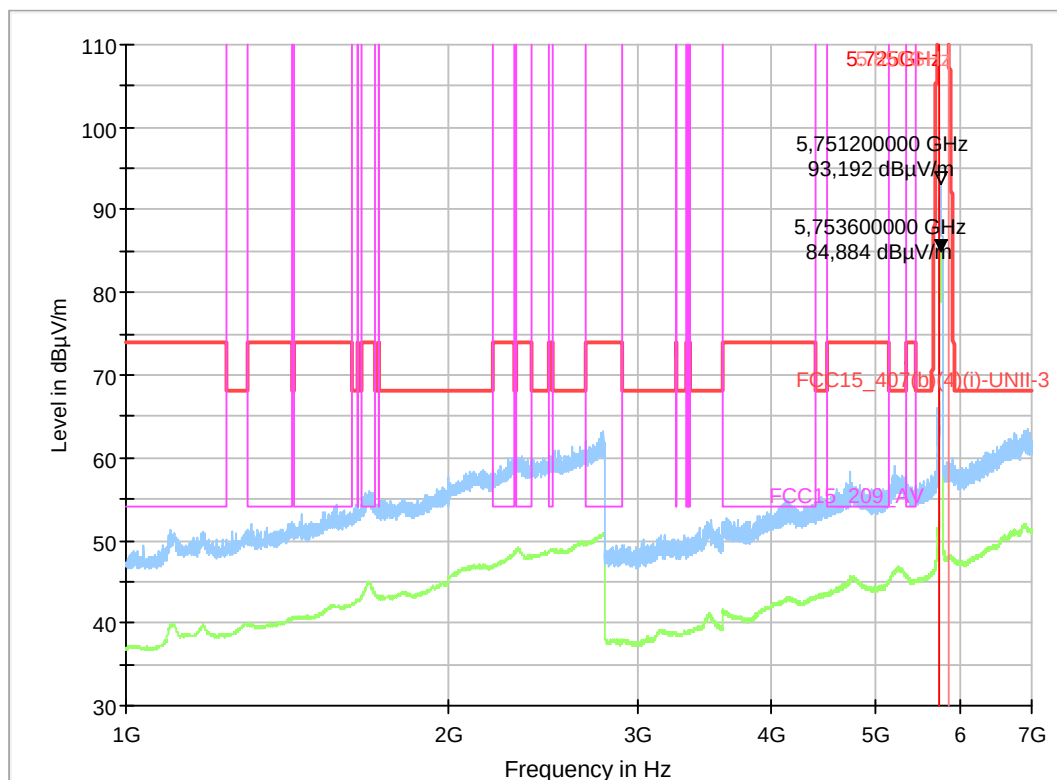
4.09b_n40-mode_ch0151_standing

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	n40-mode MCS0 ch151
Operator:	Soz
Comment:	Channel no. 151
EUT Setup:	1
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



4.09c_n40-mode_ch0151_laying

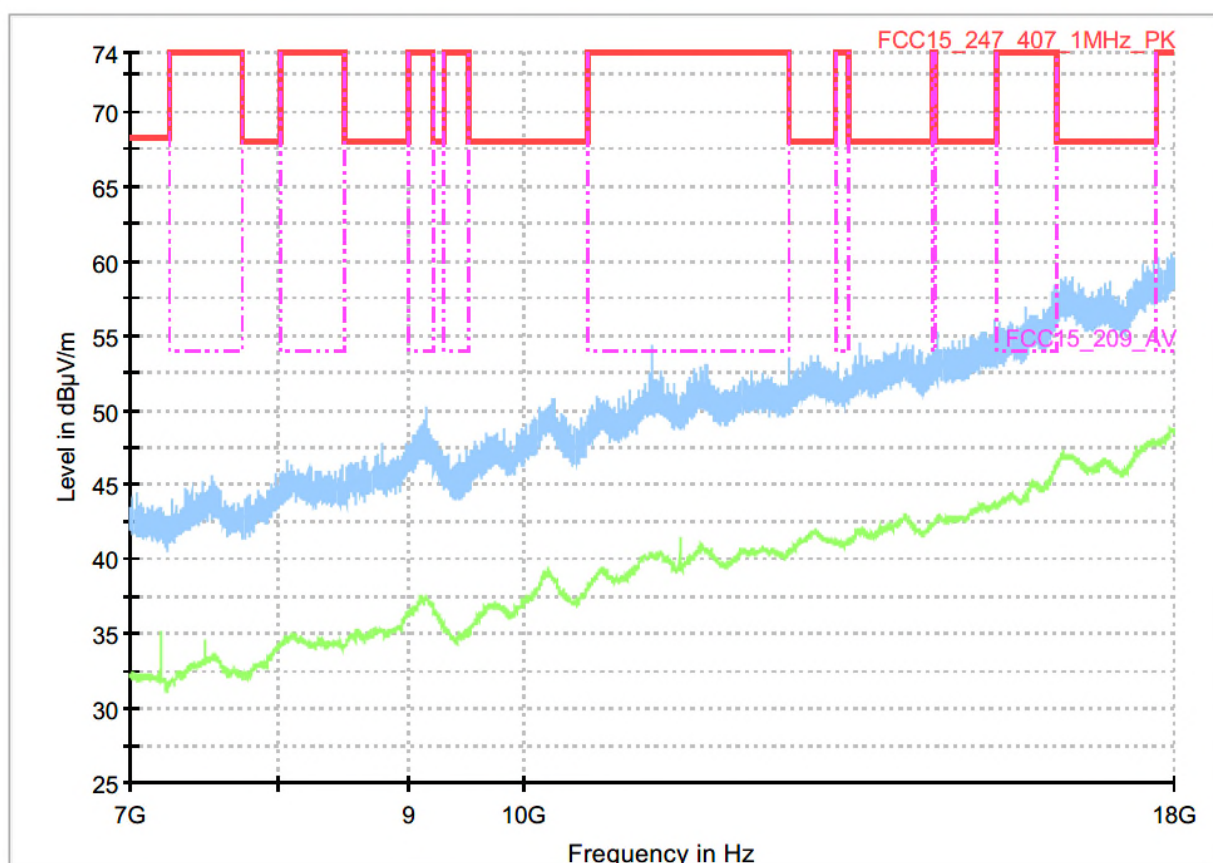
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	n40-mode MCS0 ch151
Operator:	SOz
Comment:	Channel no. 151
EUT Setup:	1
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
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Full Spectrum



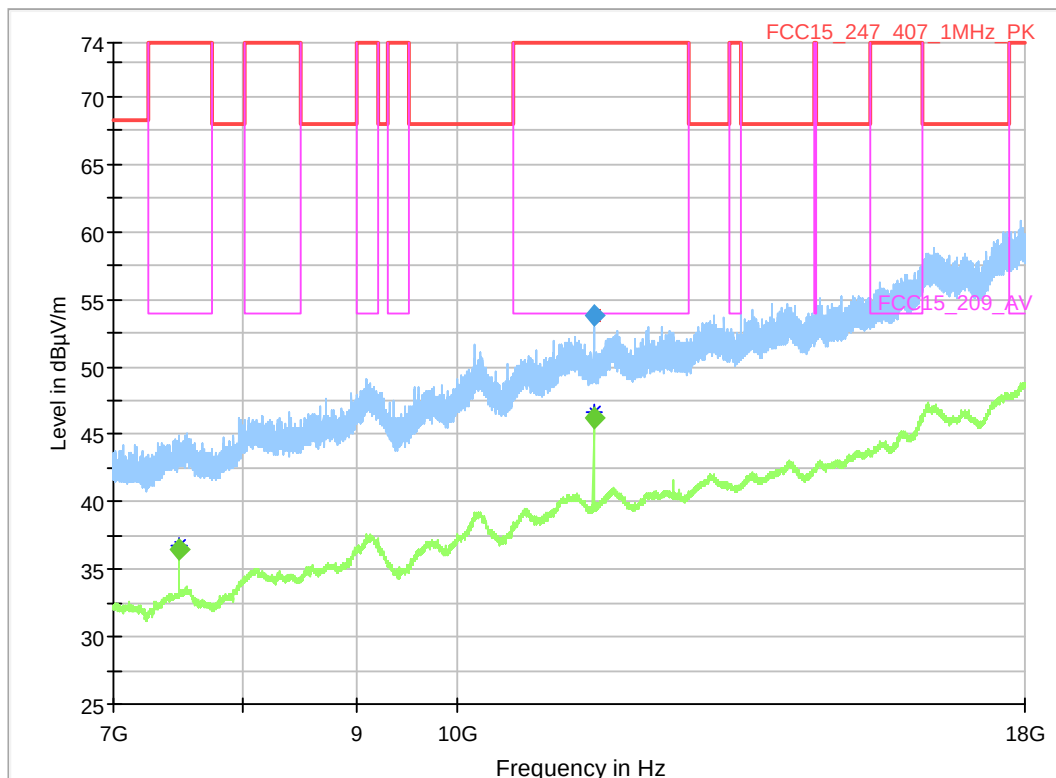
4.09d_n40-mode_ch0151_standing

Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: --
 Operating Mode: n40-mode |MCS0 | ch151
 Operator: Lor
 Comment: Channel no. low=151
 EUT Setup: 1
 Environmental Conditions: Humidity : 42% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01
 Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	RMS (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7499.000000	---	36.45	54.00	17.55	100.0	1000.000	155.0	H	342.0	11
11509.900000	---	46.20	54.00	7.80	100.0	1000.000	155.0	H	330.0	19
11509.900000	53.73	---	74.00	20.27	100.0	1000.000	155.0	H	331.0	19

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB/m)	Raw Rec (dBμV)	Comment
7499.000000	-19	-10	40	---	12:46:31 - 09.01.2023
11509.900000	-14	-10	42	---	12:48:02 - 09.01.2023
11509.900000	-14	-10	42	---	12:45:08 - 09.01.2023

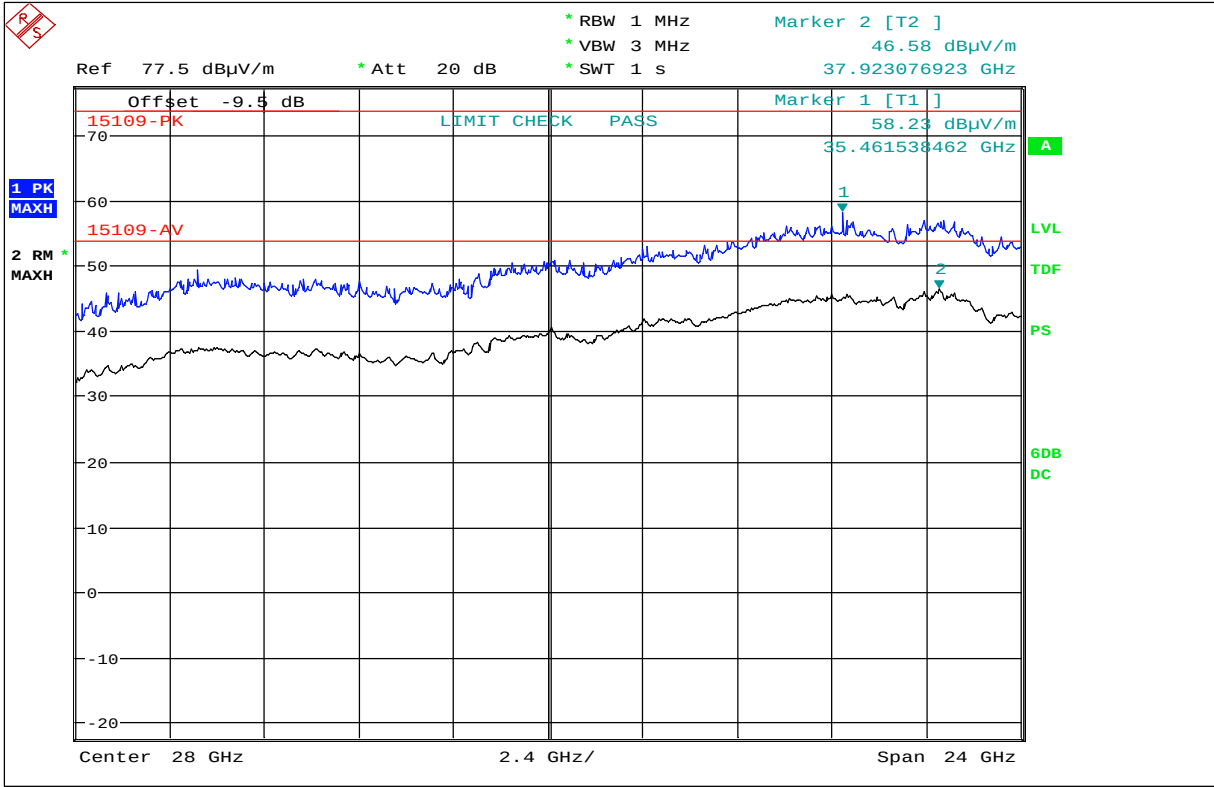
4.09e_n40-mode_ch0151

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	n40-mode MCS0 ch151
Operator:	Lor
Comment:	Channel no. low=151
EUT Setup:	1
Environmental Conditions::	Humidity : 42% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
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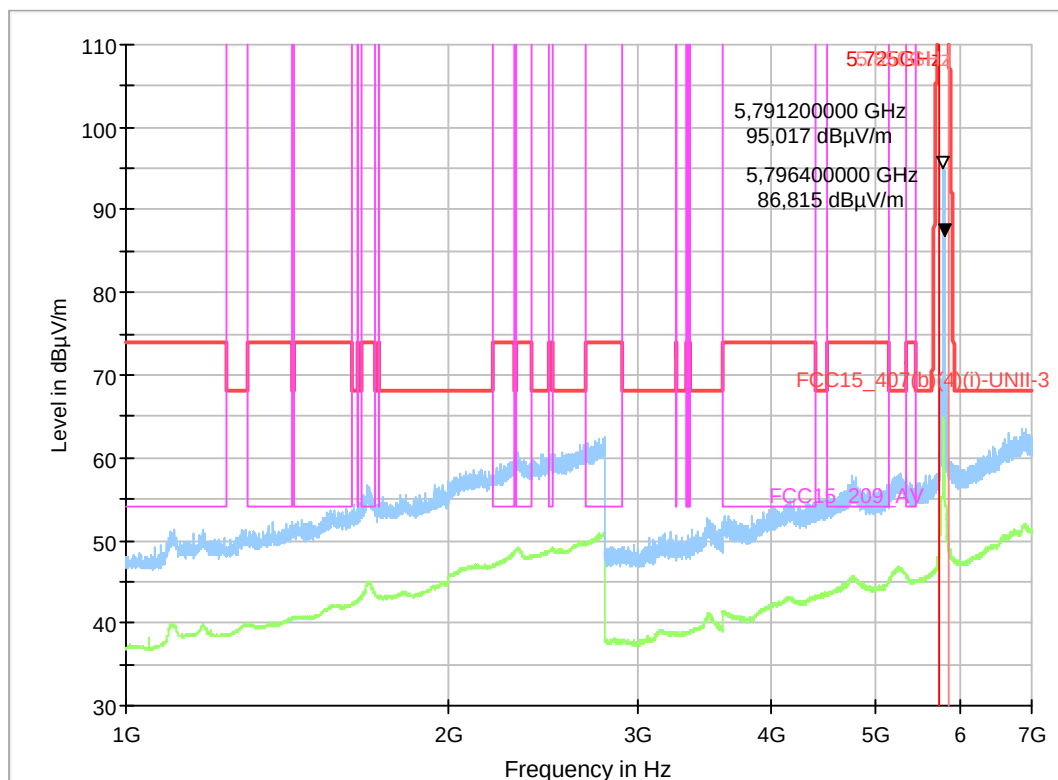
4.10a_ac40-mode_ch159_laying

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac40-mode MCS0 ch159
Operator:	SOz
Comment:	Channel no. 159
EUT Setup:	1
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



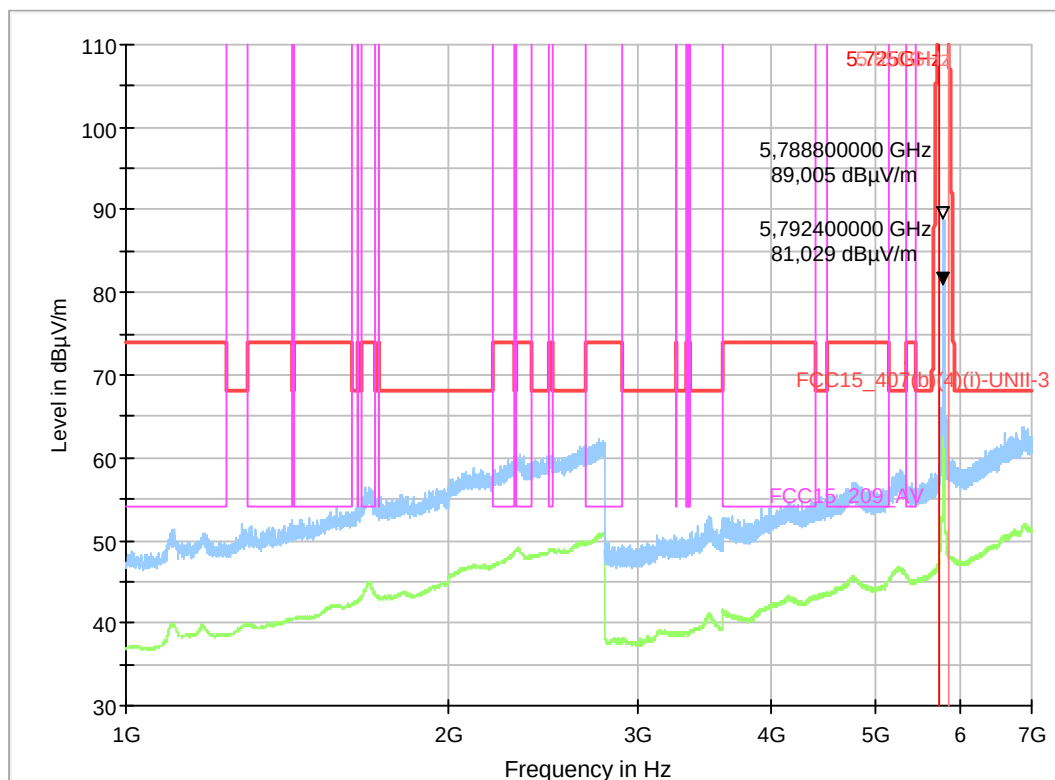
4.10b_ac40-mode_ch159_standing

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac40-mode MCS0 ch159
Operator:	Soz
Comment:	Channel no. 159
EUT Setup:	1
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



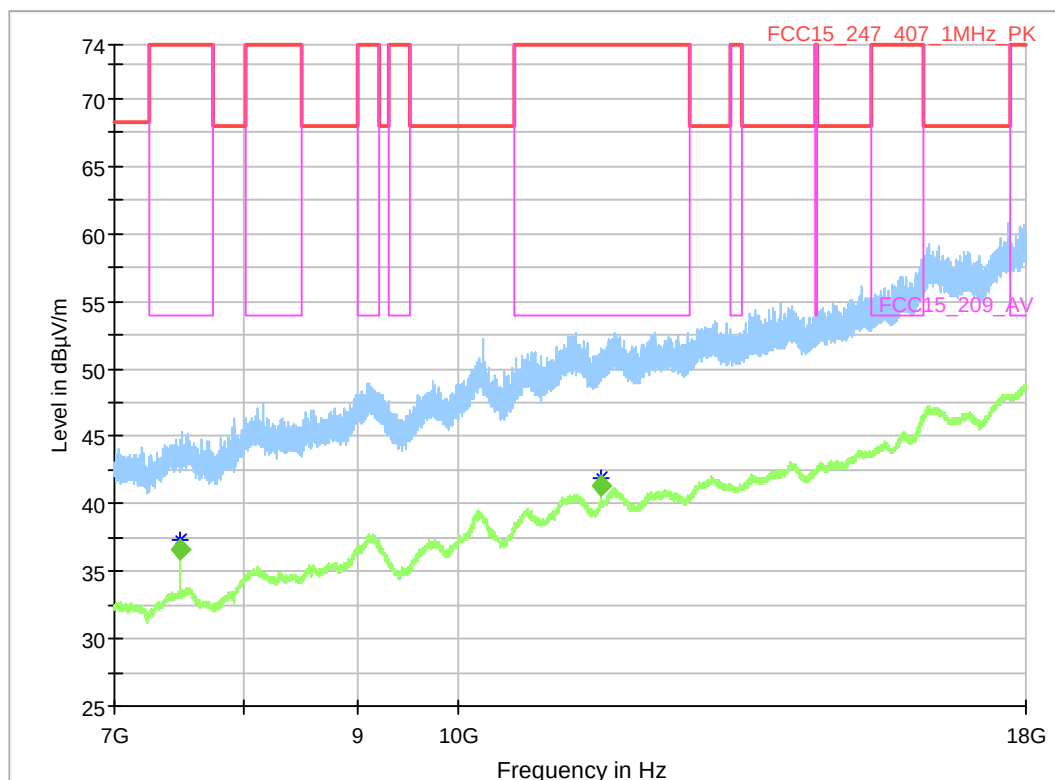
4.10c_ac40-mode_ch159_laying

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac80-mode MCS0 ch159
Operator:	Lor
Comment:	Channel no. high=159
EUT Setup:	1
Environmental Conditions:	Humidity : 43% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7499.050000	---	36.66	54.00	17.34	100.0	1000.000	155.0	V	235.0	11
11590.000000	---	41.37	54.00	12.63	100.0	1000.000	155.0	H	4.0	19

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
7499.050000	-19	-10	40	---	09:28:21 - 09.01.2023
11590.000000	-14	-10	42	---	09:26:19 - 09.01.2023

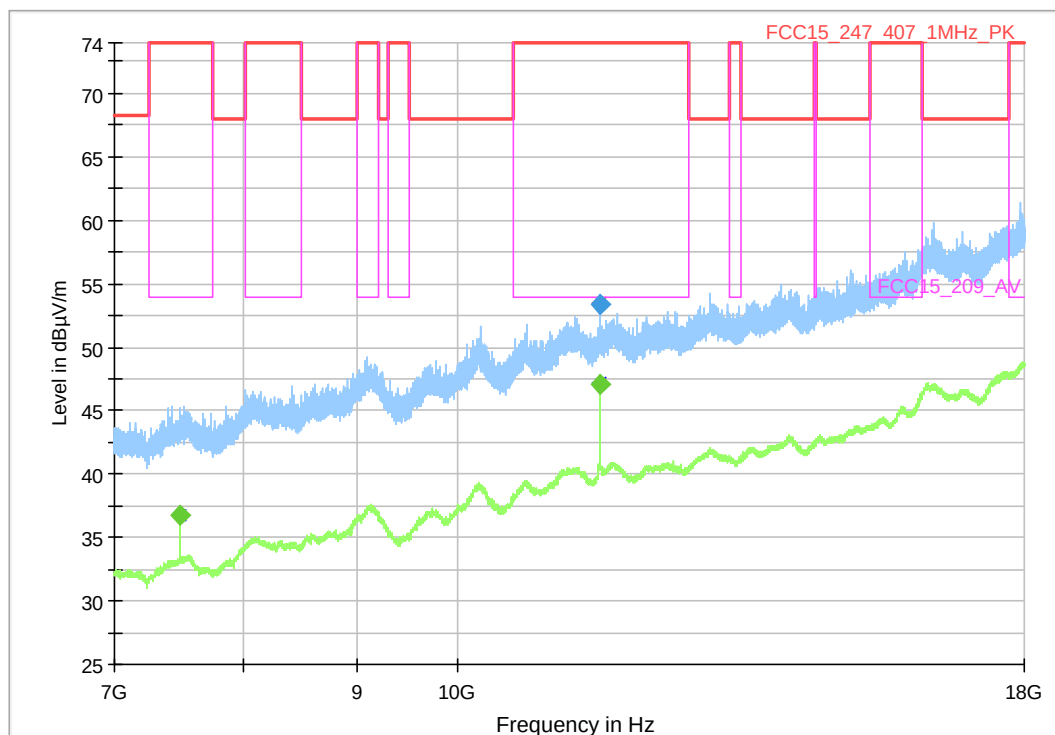
4.10d_ac40-mode_ch159_standing

Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: --
 Operating Mode: AC40-mode |MCS0 | ch159
 Operator: Lor
 Comment: Channel no. high=159
 EUT Setup: 1
 Environmental Conditions: Humidity : 42% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01
 Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7499.000000	---	36.68	54.00	17.32	100.0	1000.000	155.0	H	341.0	11
11589.950000	---	47.04	54.00	6.96	100.0	1000.000	155.0	H	325.0	19
11590.150000	53.38	---	74.00	20.62	100.0	1000.000	155.0	H	328.0	19

(continuation of the "Final Result" table from column 16 ...)

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
7499.000000	-19	-10	40	---	13:15:16 - 09.01.2023
11589.950000	-14	-10	42	---	13:16:49 - 09.01.2023
11590.150000	-14	-10	42	---	13:13:49 - 09.01.2023

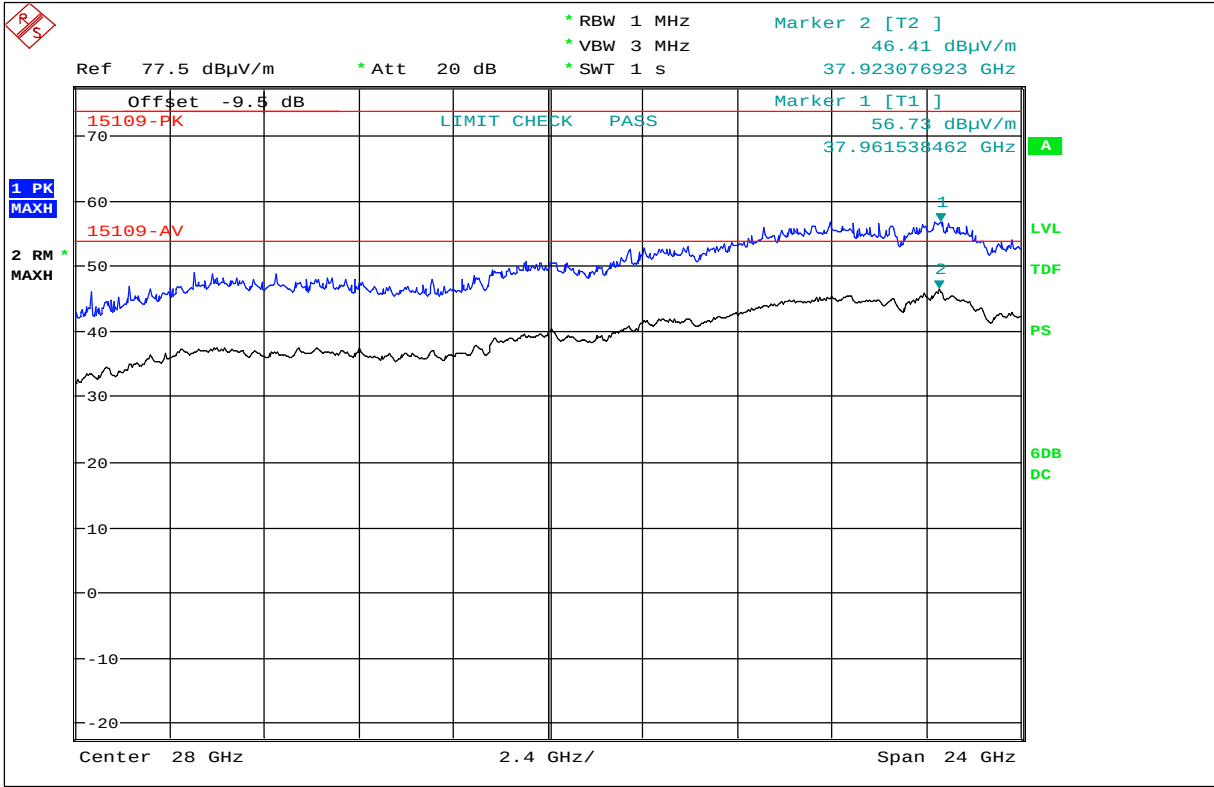
4.10e_ac40-mode_ch159

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	AC40-mode MCS0 ch159
Operator:	Lor
Comment:	Channel no. high=159
EUT Setup:	1
Environmental Conditions:	Humidity : 42% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
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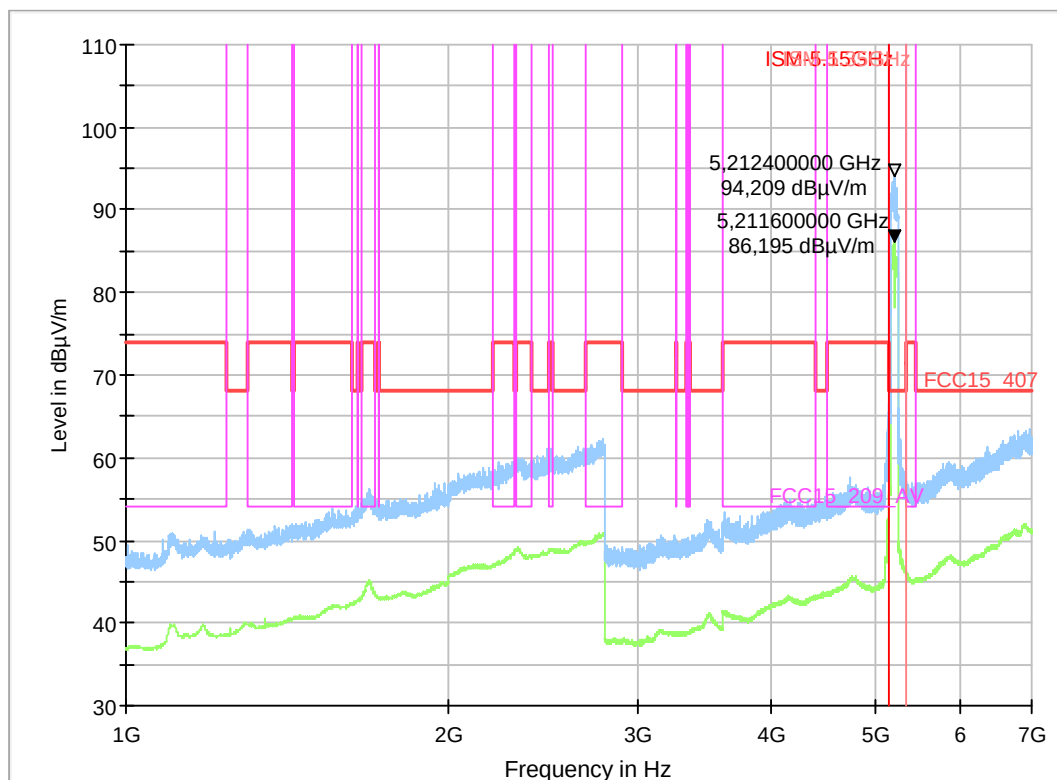
4.11a_ac80-mode_ch042_laying

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac80-mode MCS0 ch042
Operator:	SOz
Comment:	Channel no. 42
EUT Setup:	1
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



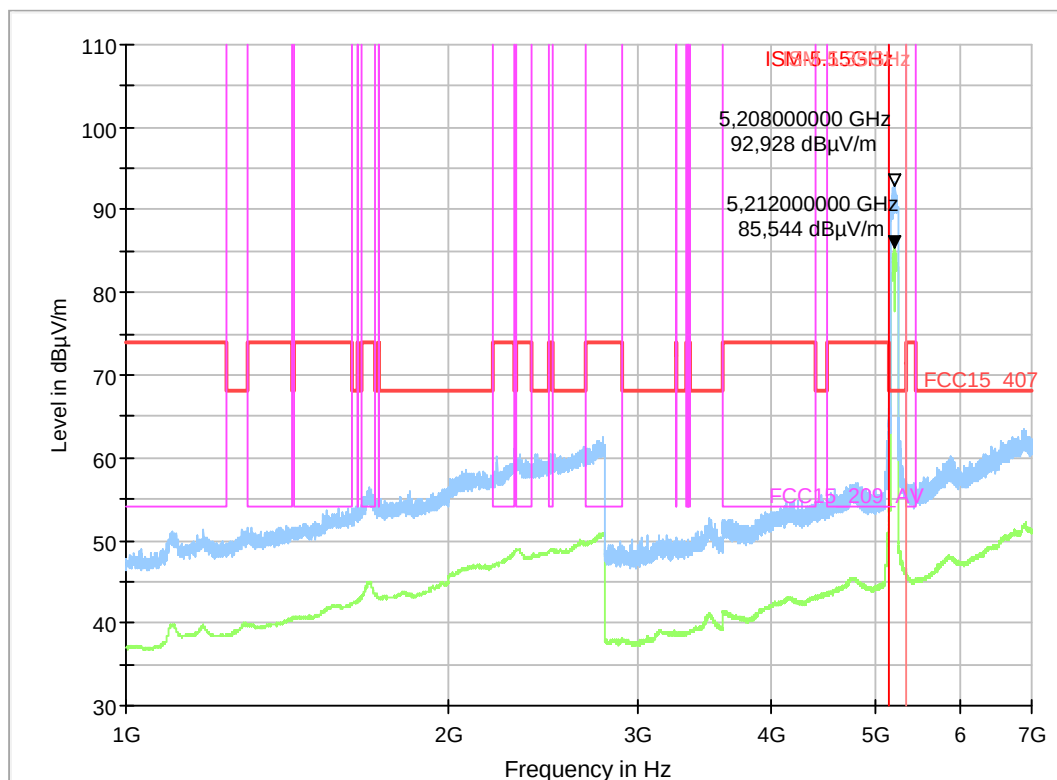
4.11b_ac80-mode_ch042_standing

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac80-mode MCS0 ch042
Operator:	Soz
Comment:	Channel no. 42
EUT Setup:	1
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



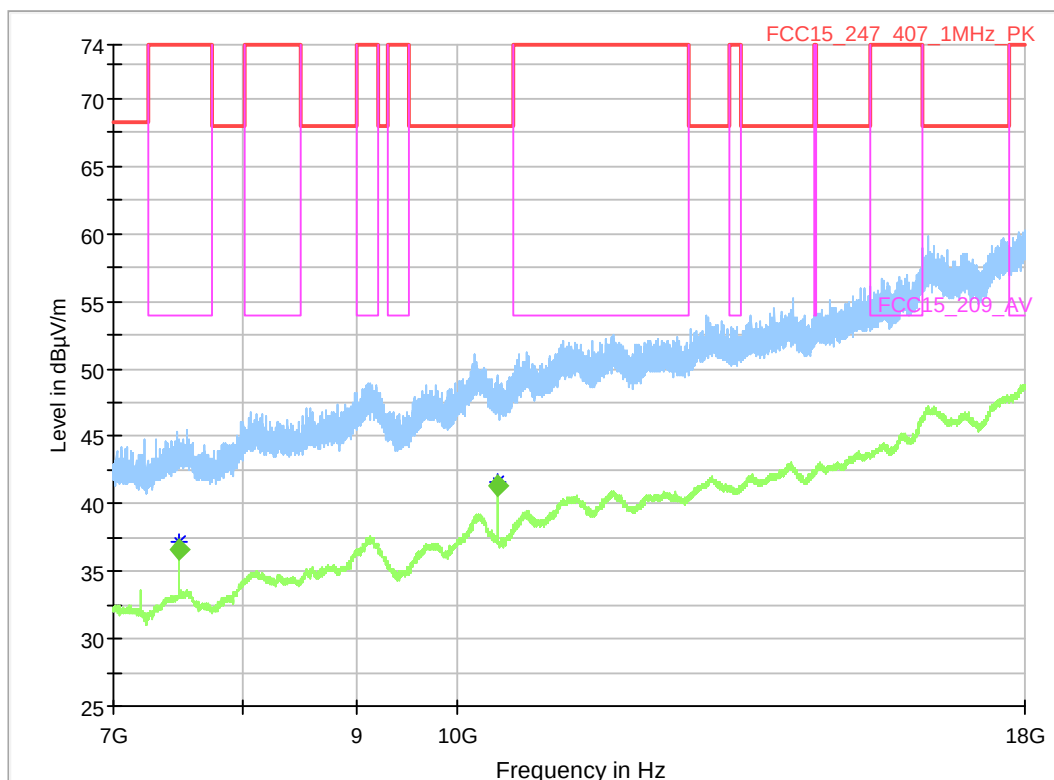
4.11c_ac80-mode_ch042_laying

Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: --
 Operating Mode: ac80-mode | MCS0 | ch42
 Operator: Lor
 Comment: Channel no. low=42
 EUT Setup: 1
 Environmental Conditions: Humidity : 42% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01
 Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin	Meas. Time (ms)	Bandwidth (h)	Height	Pol	Azimuth	Corr. (dB/m)
7499.050000	---	36.58	54.00	17.42	100.0	1000.000	155.0	V	235.0	11
10419.950000	---	41.29	150.00	108.71	100.0	1000.000	155.0	V	0.0	16

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Sig Path (dB)	Pream p	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
7499.050000	-19	-10	40	---	09:54:25 - 09.01.2023
10419.950000	-15	-10	41	---	09:52:35 - 09.01.2023

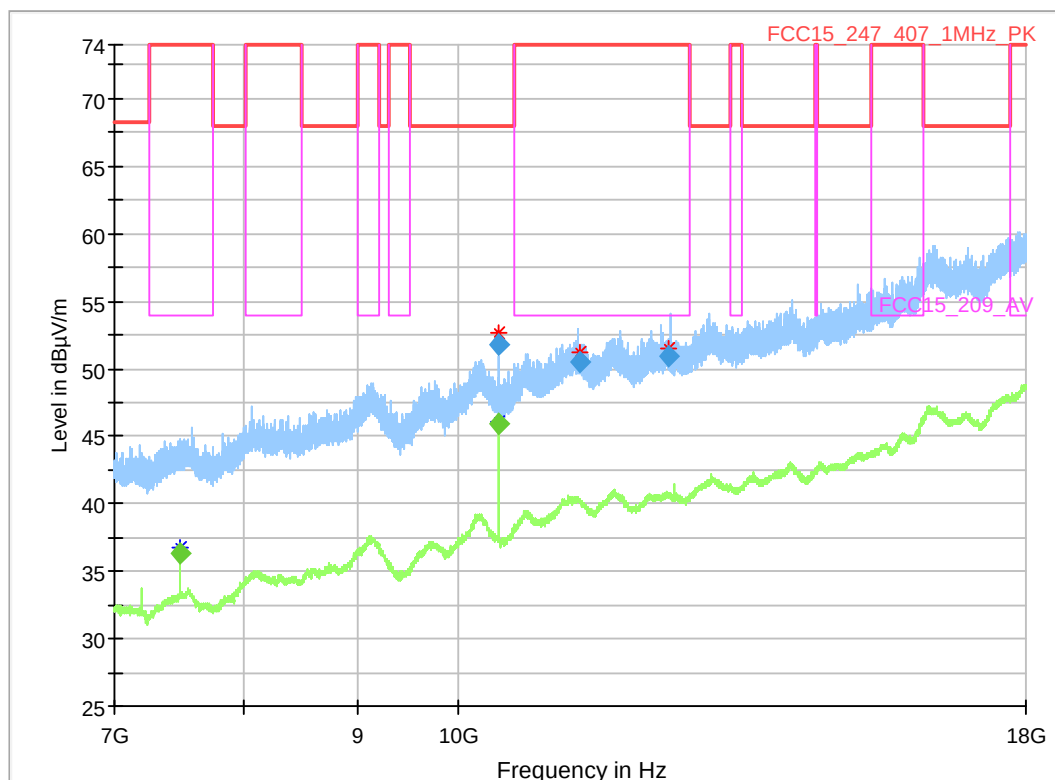
4.11d_ac80-mode_ch042_standing

Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: --
 Operating Mode: AC80-mode |MCS0 | ch42
 Operator: Lor
 Comment: Channel no. low=42
 EUT Setup: 1
 Environmental Conditions: Humidity : 42% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01
 Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	RMS (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7499.000000	---	36.35	54.00	17.65	100.0	1000.000	155.0	H	330.0	11
10419.950000	---	45.85	150.00	104.15	100.0	1000.000	155.0	V	314.0	16
10420.050000	51.84	---	68.00	16.16	100.0	1000.000	155.0	V	315.0	16
11330.700000	50.49	---	74.00	23.51	100.0	1000.000	155.0	V	210.0	20
12427.700000	50.98	---	74.00	23.02	100.0	1000.000	155.0	H	220.0	20

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB/m)	Raw Rec (dB μ V)	Comment
7499.000000	-19	-10	40	---	13:50:48 - 09.01.2023
10419.950000	-15	-10	41	---	13:52:32 - 09.01.2023
10420.050000	-15	-10	41	---	13:49:00 - 09.01.2023
11330.700000	-14	-10	44	---	13:47:16 - 09.01.2023
12427.700000	-14	-10	44	---	13:45:33 - 09.01.2023

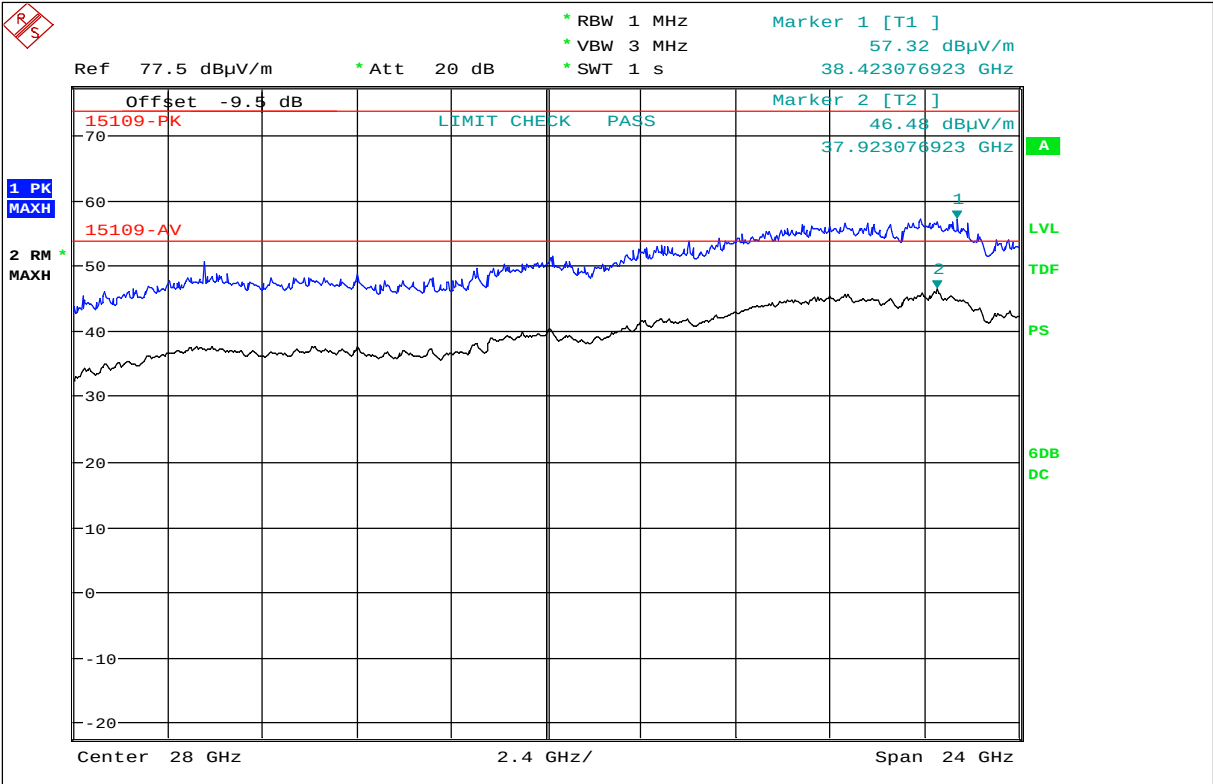
4.11e_ac80-mode_ch042

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	AC80-mode MCS0 ch42
Operator:	Lor
Comment:	Channel no. low=42
EUT Setup:	1
Environmental Conditions:	Humidity : 42% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
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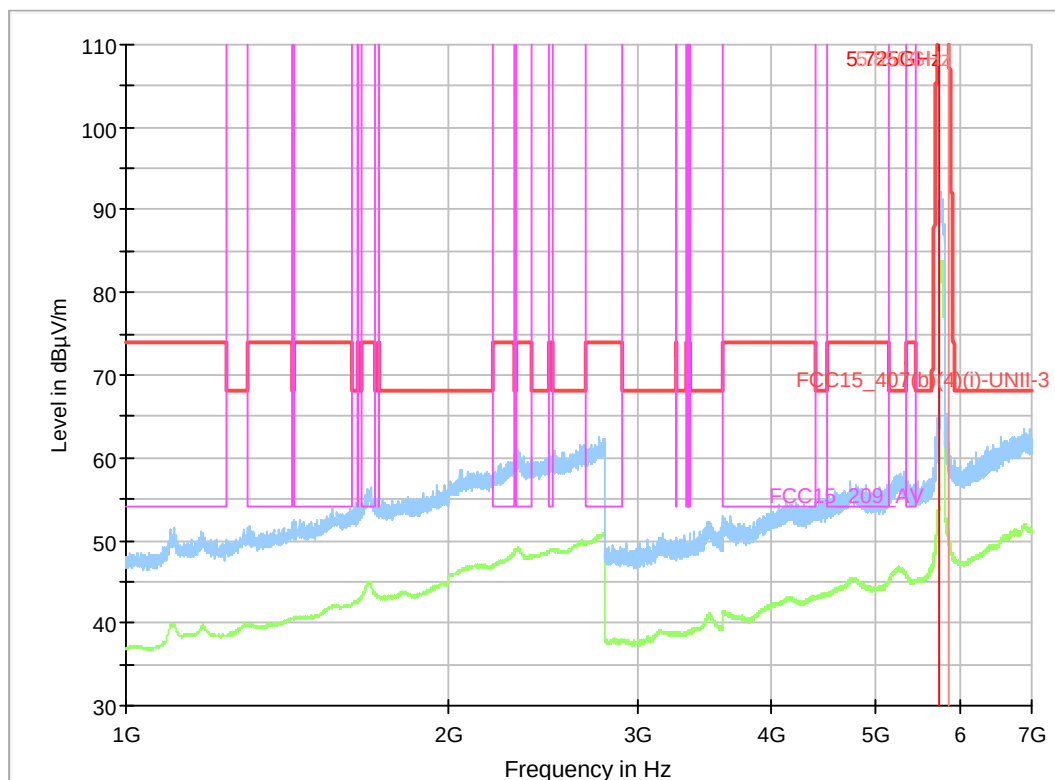
4.12a_ac80-mode_ch155_laying

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac80-mode MCS0 ch155
Operator:	SOz
Comment:	Channel no. 155
EUT Setup:	1
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



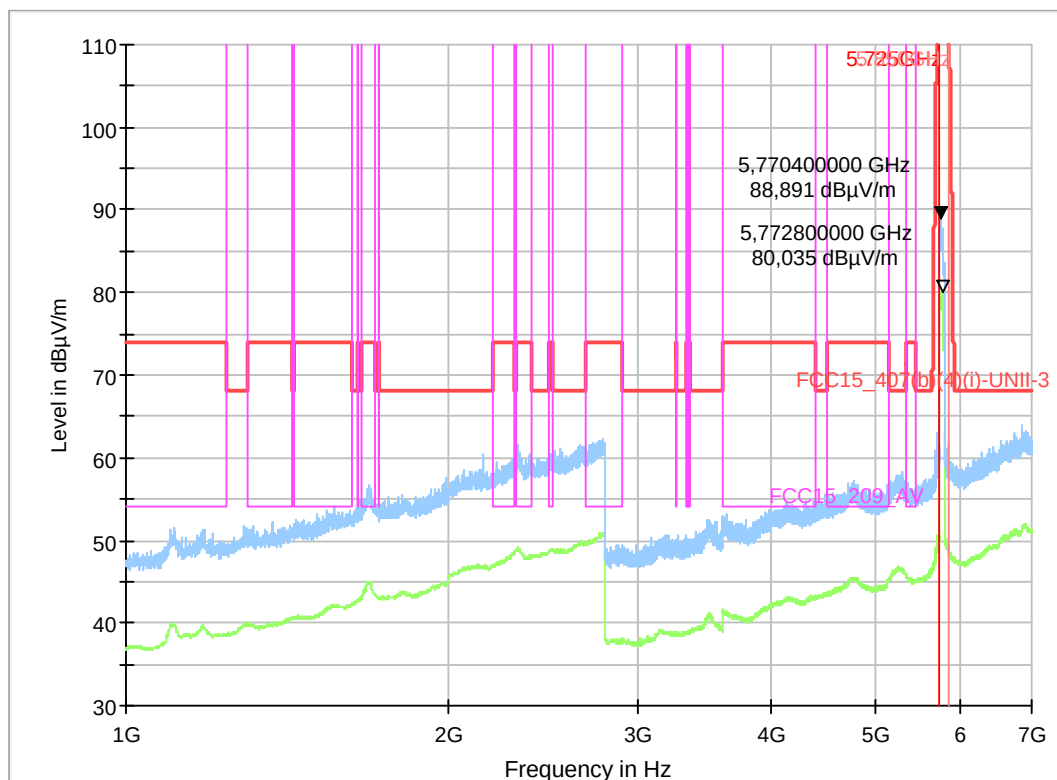
4.12b_ac80-mode_ch155_standing

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac80-mode MCS0 ch155
Operator:	SOz
Comment:	Channel no. 155
EUT Setup:	1
Environmental Conditions:	Humidity : 50% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



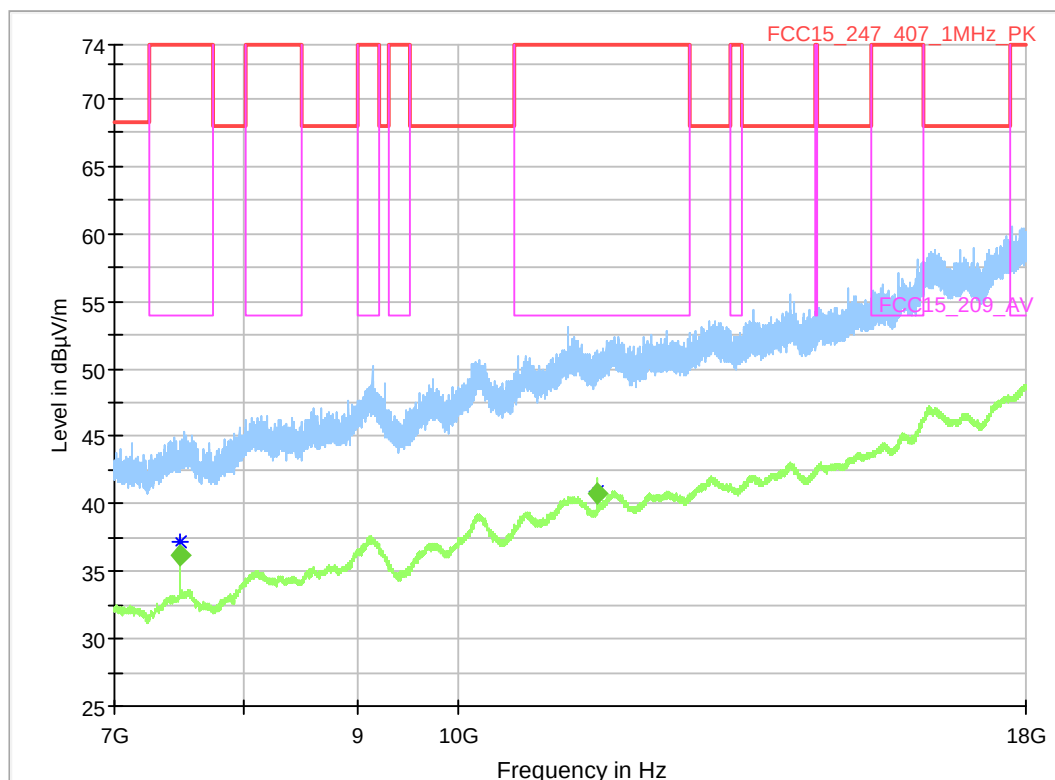
4.12c_ac80-mode_ch155_laying

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac80-mode MCS0 ch155
Operator:	SOz
Comment:	Channel no. high=155
EUT Setup:	1
Environmental Conditions:	Humidity : 42% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7499.000000	---	36.13	54.00	17.87	100.0	1000.000	155.0	V	236.0	11
11550.000000	---	40.73	54.00	13.27	100.0	1000.000	155.0	H	3.0	19

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
7499.000000	-19	-10	40	---	10:34:20 - 09.01.2023
11550.000000	-14	-10	42	---	10:32:14 - 09.01.2023

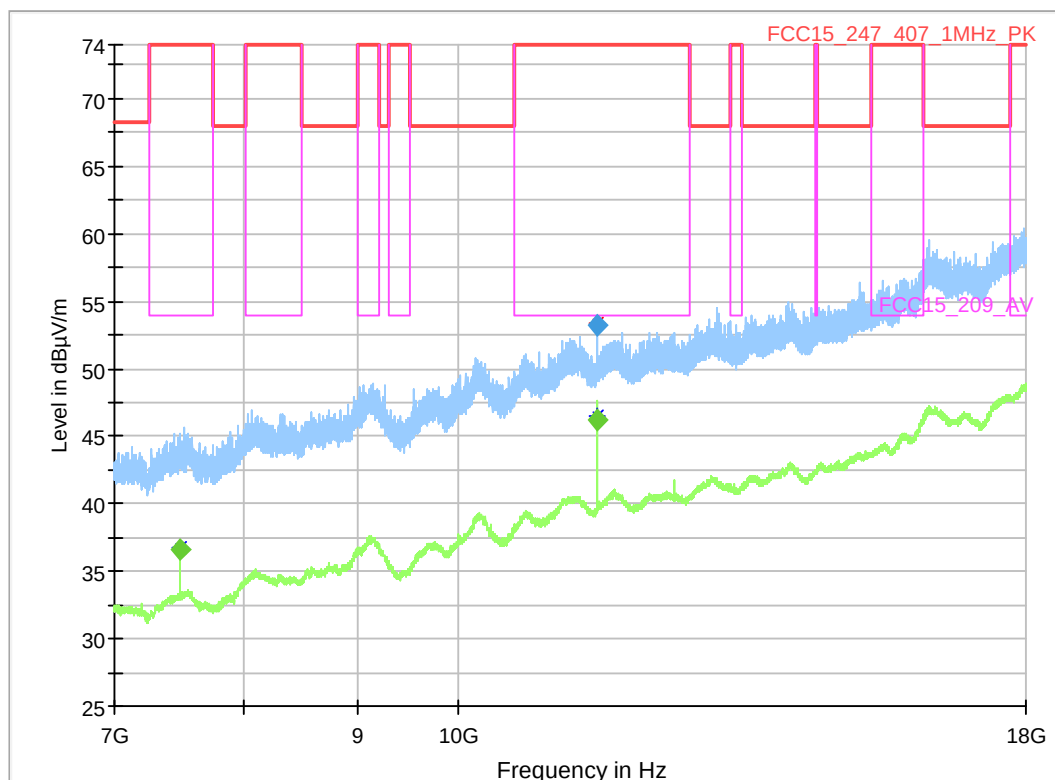
4.12d_ac80-mode_ch155_standing

Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical
 Software Version: --
 Operating Mode: AC80-mode | MCS0 | Ch155
 Operator: Lor
 Comment: Channel no. high=155
 EUT Setup: 1
 Environmental Conditions: Humidity : 42% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01
 Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7499.050000	---	36.61	54.00	17.39	100.0	1000.000	155.0	H	329.0	11
11549.950000	---	46.18	54.00	7.82	100.0	1000.000	155.0	H	329.0	19
11549.950000	53.23	---	74.00	20.77	100.0	1000.000	155.0	H	329.0	19

(continuation of the "Final Result" table from column 16 ...)

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
7499.050000	-19	-10	40	---	14:18:40 - 09.01.2023
11549.950000	-14	-10	42	---	14:20:07 - 09.01.2023
11549.950000	-14	-10	42	---	14:17:13 - 09.01.2023

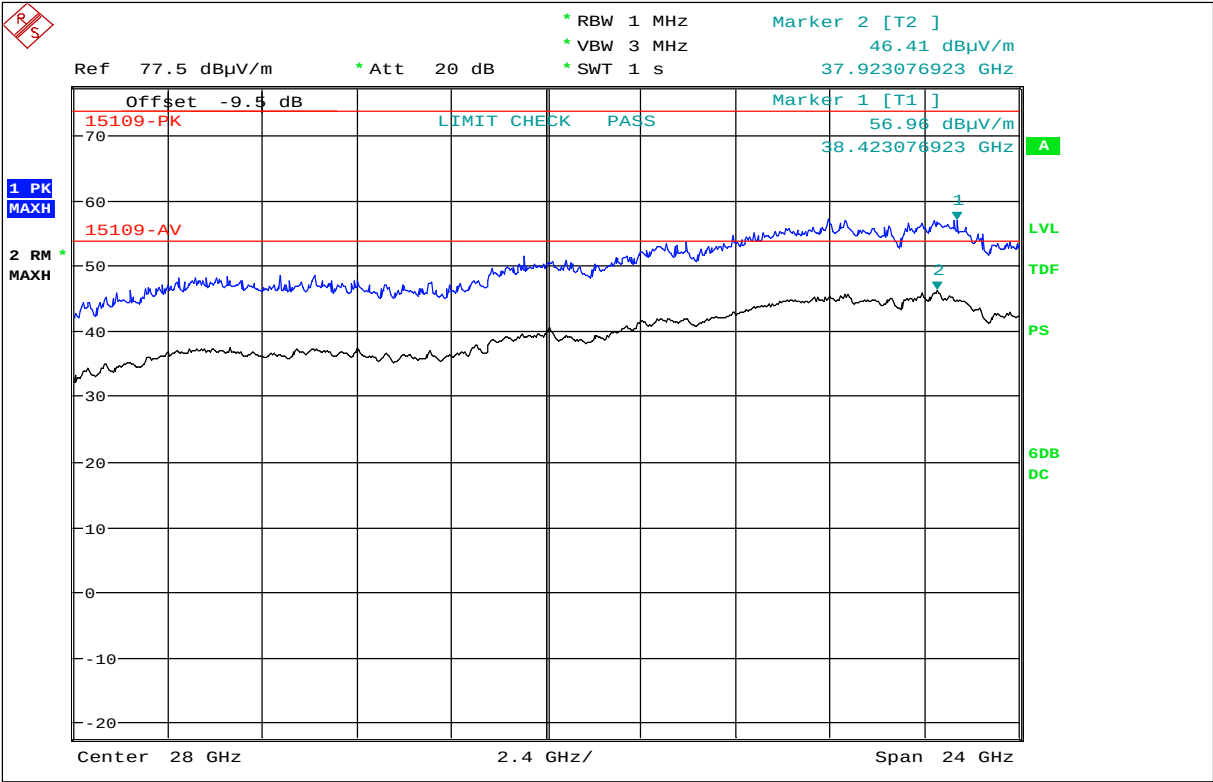
4.12e_ac80-mode_ch155

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	AC80-mode MCS0 Ch155
Operator:	Lor
Comment:	Channel no. high=155
EUT Setup:	1
Environmental Conditions:	Humidity : 42% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
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5 Band Edge

9.01_a-mode_ch036

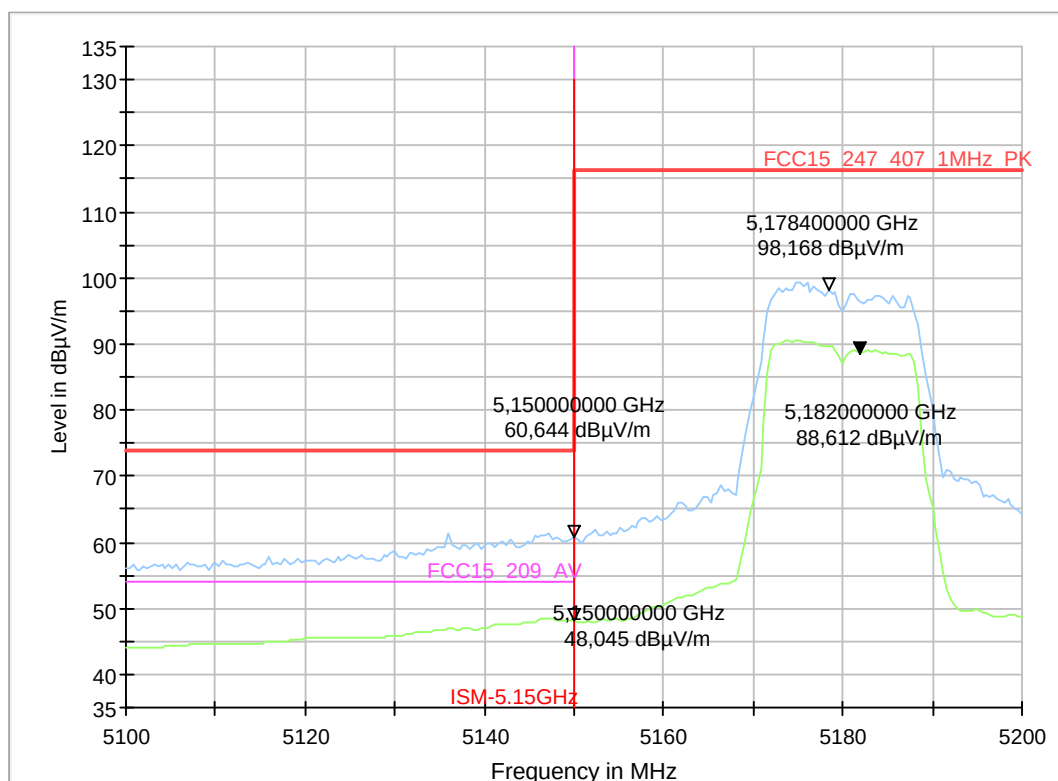
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	TX, continuous
Operator:	Asa
Comment:	a-mode 48Mbps ch036
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
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Full Spectrum



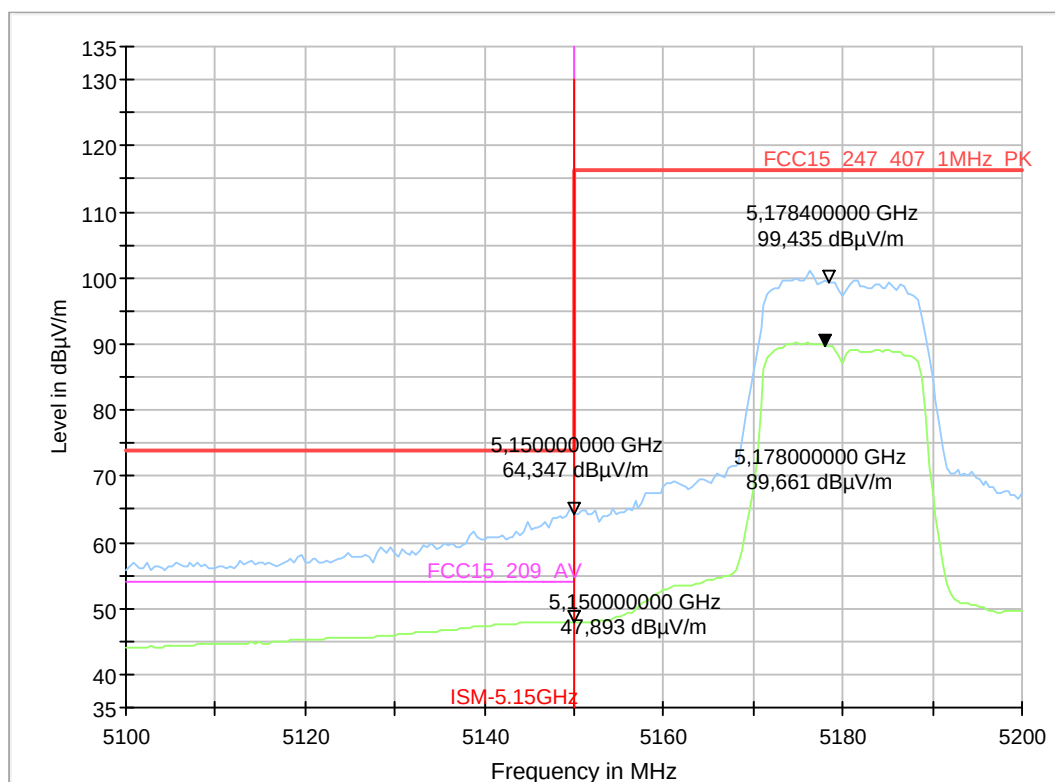
9.02_n20-mode_ch036

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	TX, continuous
Operator:	Asa
Comment:	n20-mode MCS6 ch036
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



9.03_ac20-mode_ch036

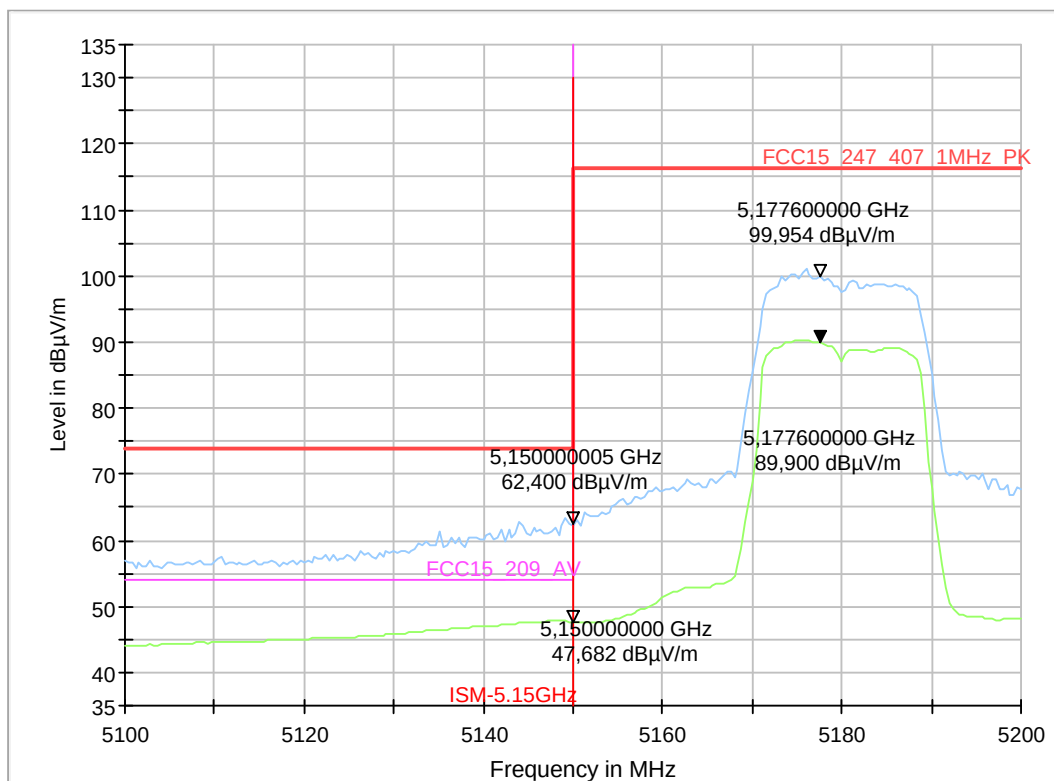
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	TX, continuous
Operator:	Asa
Comment:	ac20-mode MCS4 ch036
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
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Full Spectrum



9.04_n40-mode_ch038

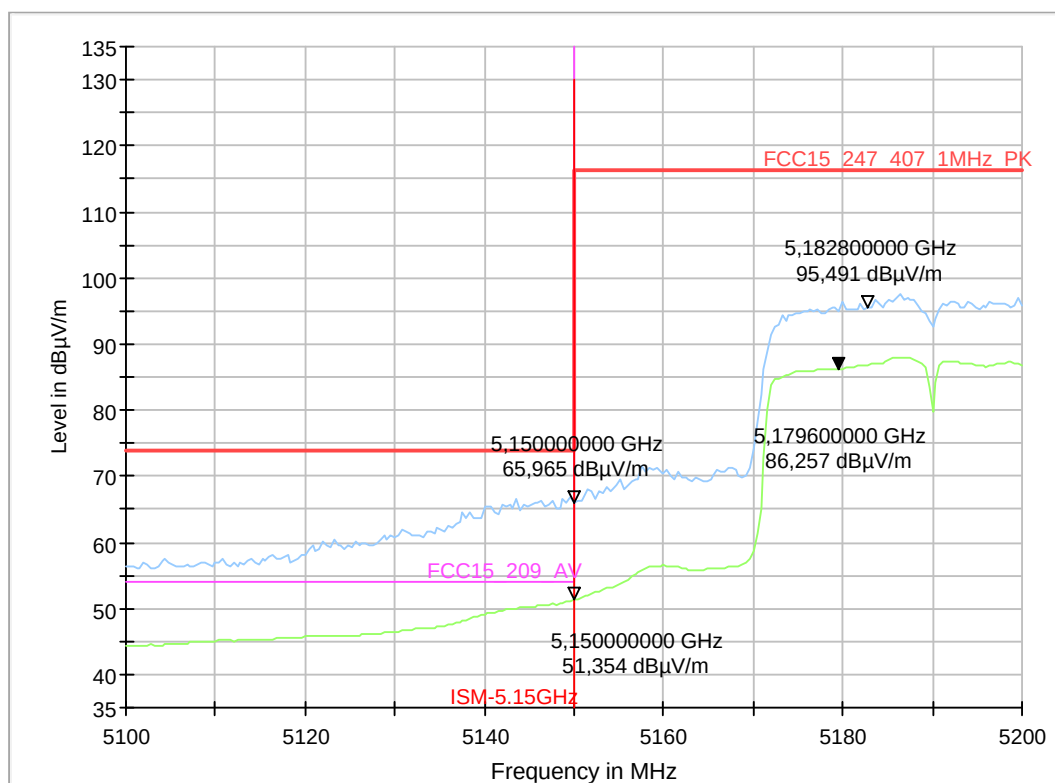
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	TX, continuous
Operator:	Asa
Comment:	N40-mode MCS0 ch038
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-01787S50_C01
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Full Spectrum



9.05_n40-mode_ch038

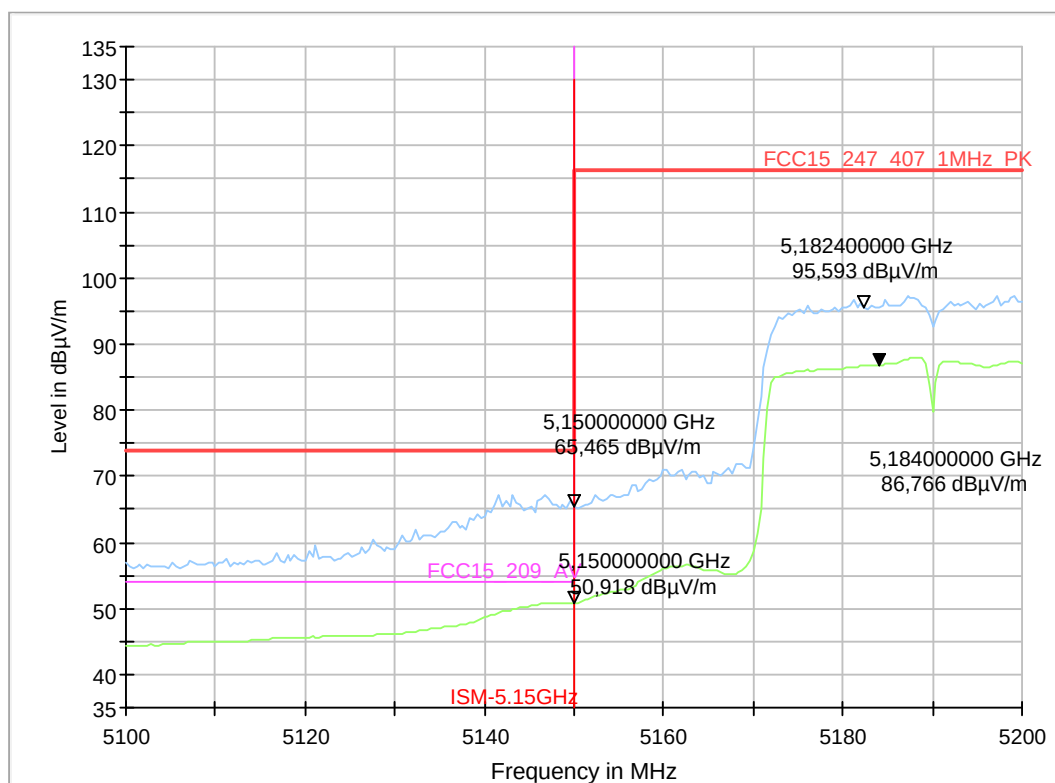
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	TX, continuous
Operator:	Asa
Comment:	n40-mode MCS0 ch038
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-01787S50_C01
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Full Spectrum



9.06_ac80-mode_ch042

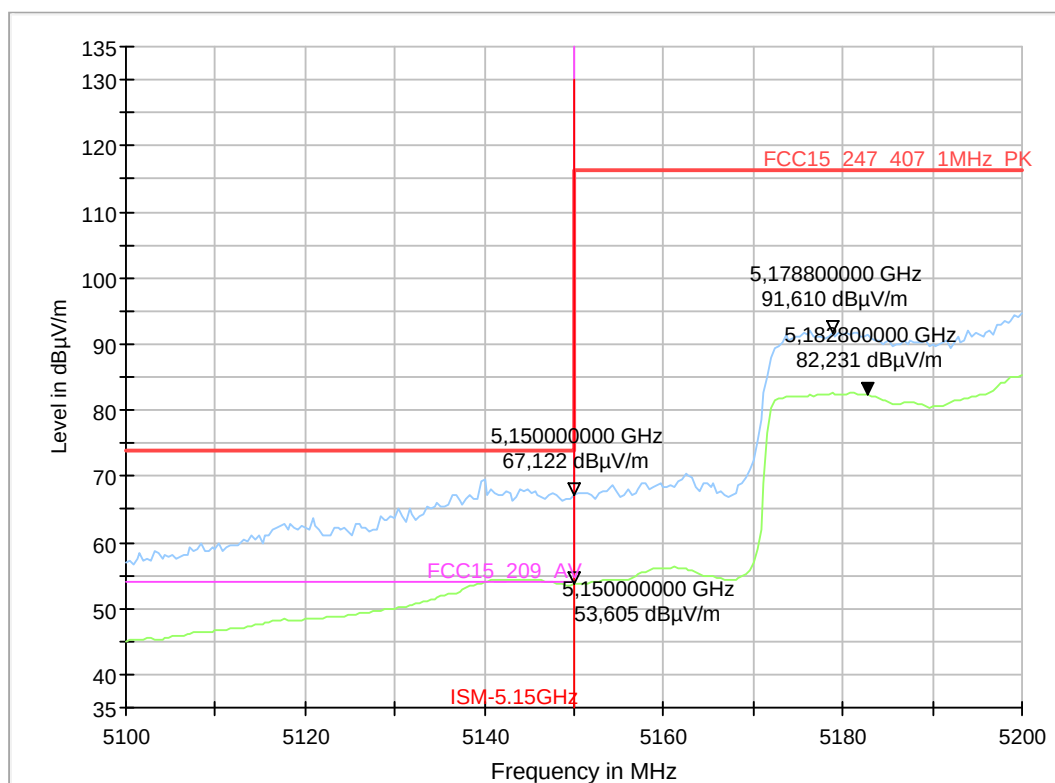
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	TX, continuous
Operator:	Asa
Comment:	cc80-mode MCSO ch042
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-01787S50_C01
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Full Spectrum



9.07_n40-mode_ch151

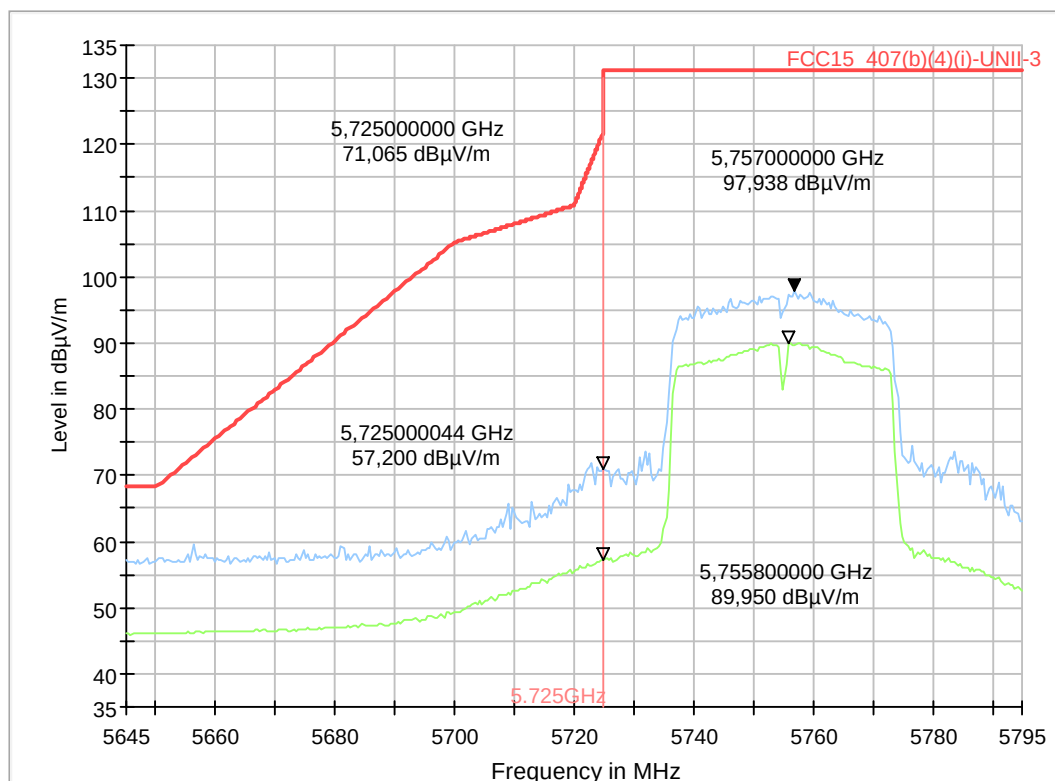
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	TX, continuous
Operator:	Asa
Comment:	n40-mode MCS0 ch151
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-01787S50_C01
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Full Spectrum



9.08_ac40-mode_ch151

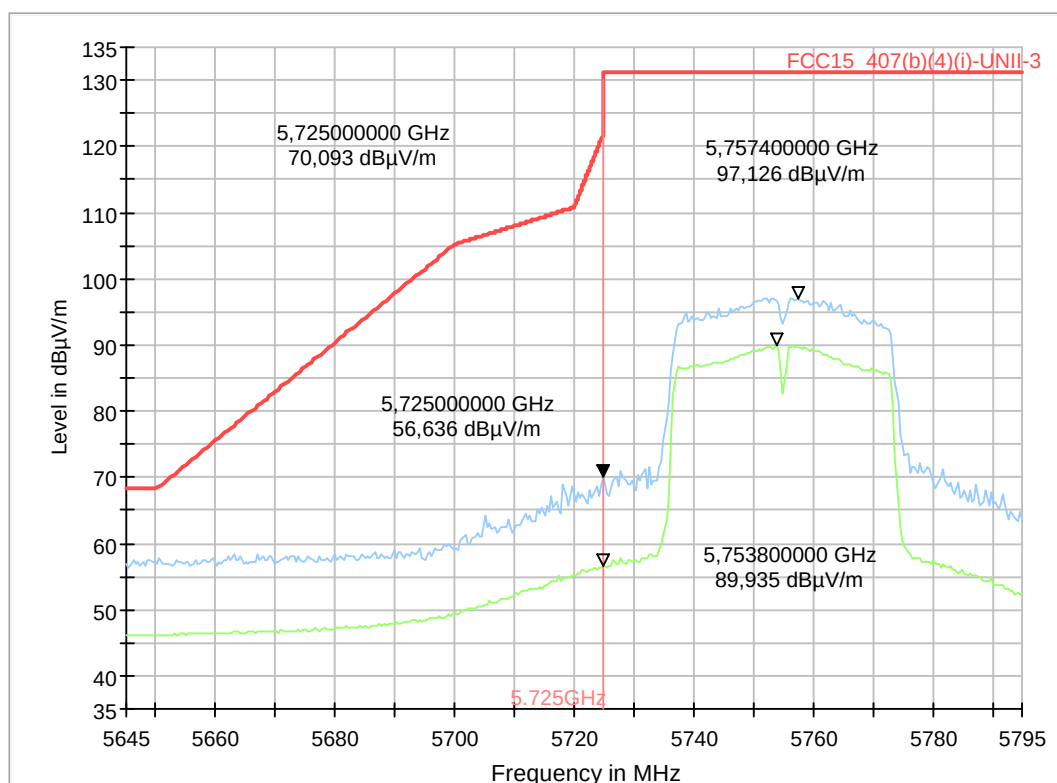
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	TX, continuous
Operator:	TFra/LKnopp
Comment:	ac40-mode MCS0 ch151
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-01787S50_C01
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Full Spectrum



9.09_ac80-mode_ch155

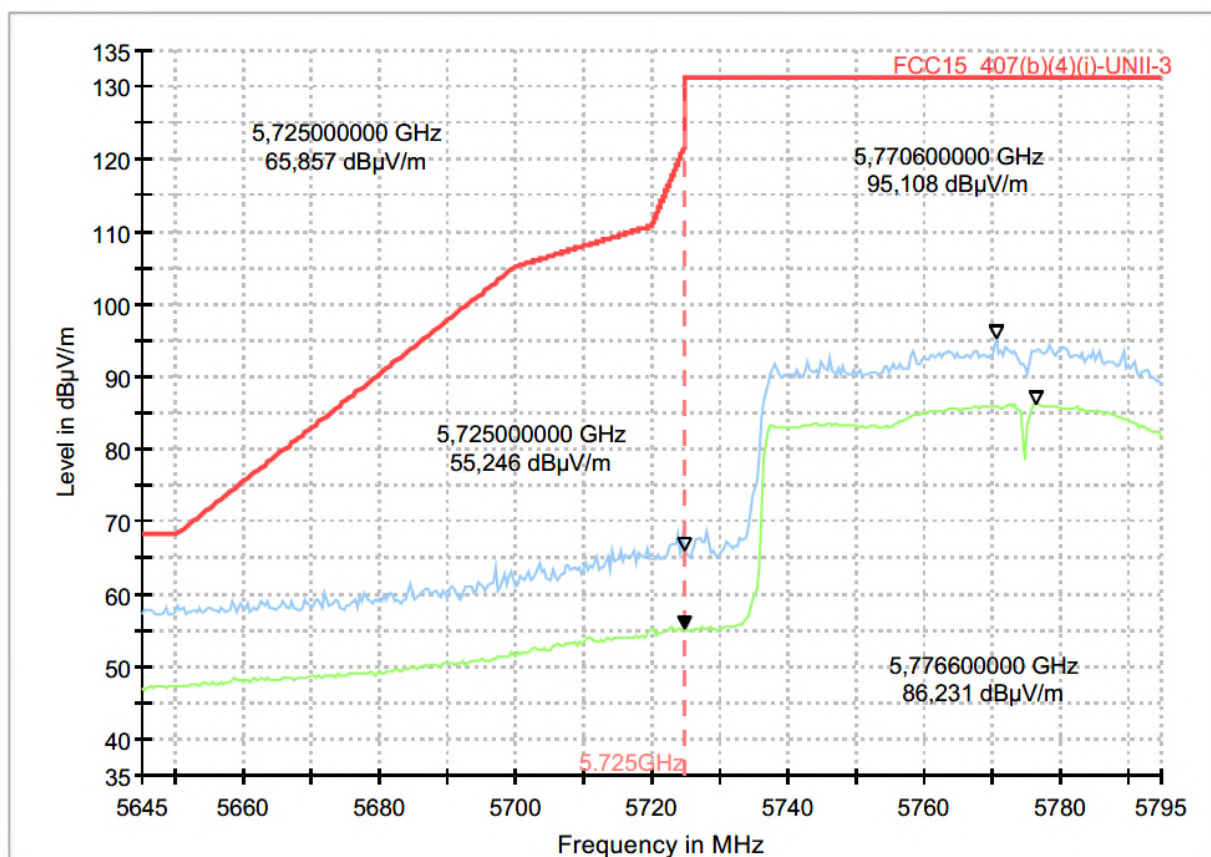
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	TX, continuous
Operator:	TFra/LKnopp
Comment:	ac80-mode MCS0 ch155
EUT Setup:	
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-01787S50_C01
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Full Spectrum



9.10_a-mode_ch149

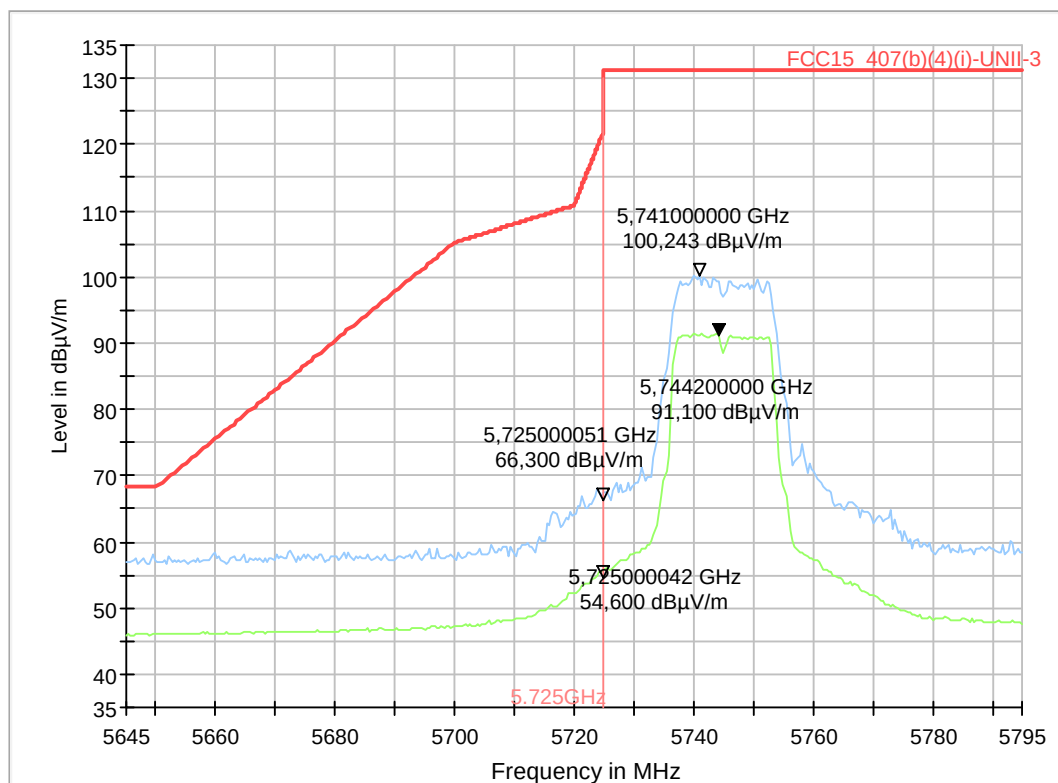
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	TX, continuous
Operator:	Asa
Comment:	a-mode 48Mbps ch149
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-01787S50_C01
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Full Spectrum



9.11_n20-mode_ch149

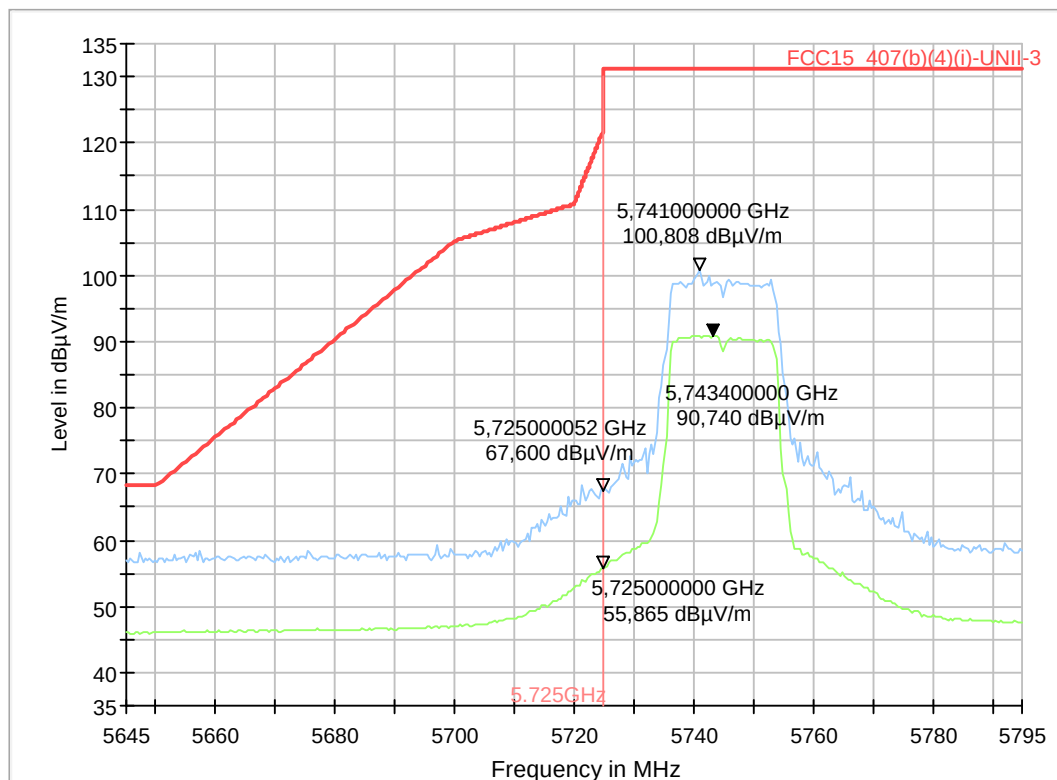
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	TX, continuous
Operator:	Asa
Comment:	n20-mode MCS6 ch149
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-01787S50_C01
Power Supply:	12V DC

Full Spectrum



9.12_ac20-mode_ch149

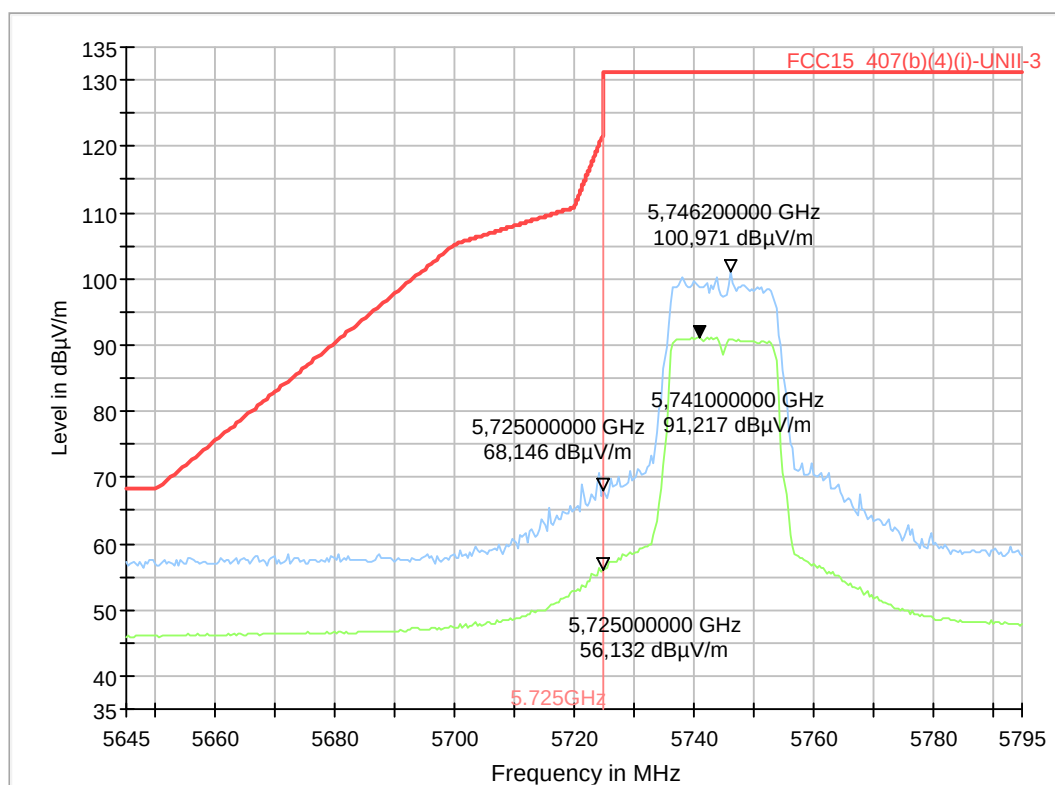
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	TX, continuous
Operator:	Asa
Comment:	ac20-mode MCS4 ch149
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-01787S50_C01
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Full Spectrum



9.13_a-mode_ch048

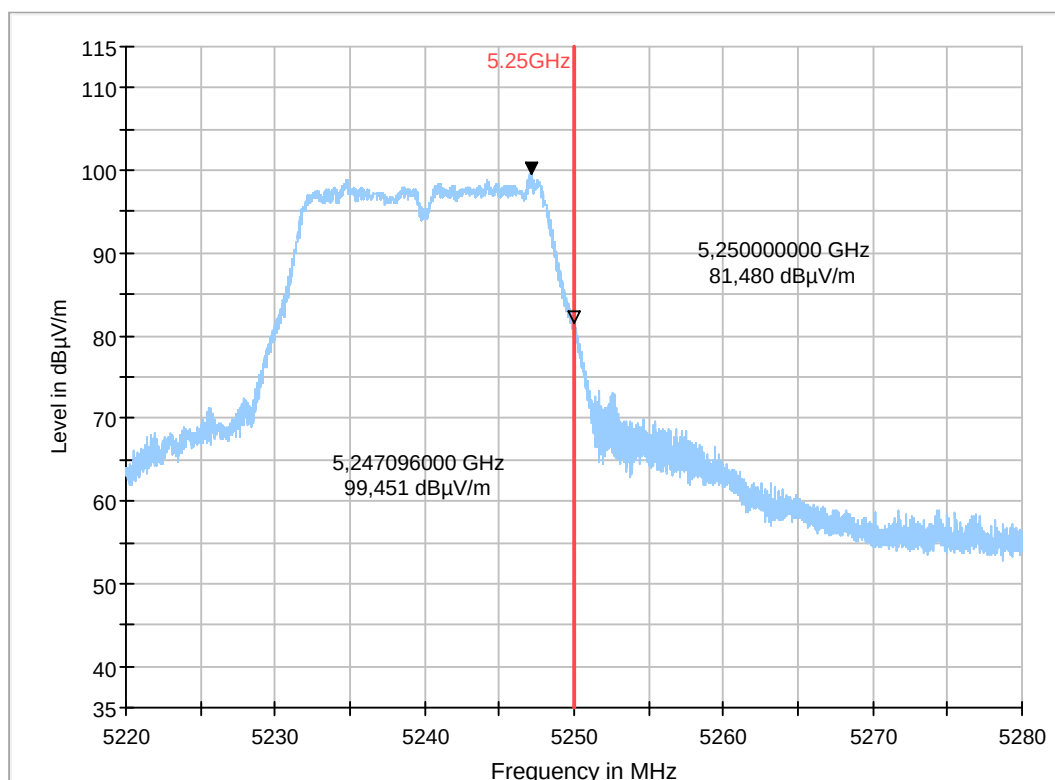
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	a-mode 48Mbps ch48
Operator:	TFra
Comment:	--
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-01787S50_C01
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Full Spectrum



9.14_n20-mode_ch048

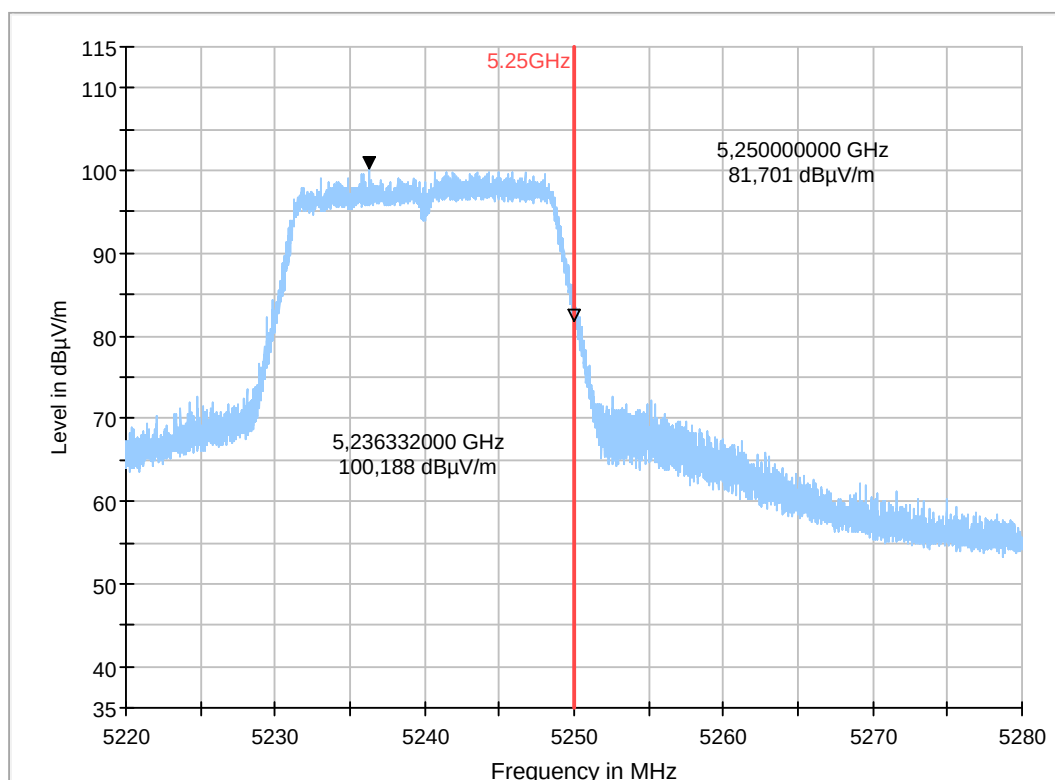
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	n20-mode MCS6 ch48
Operator:	TFra
Comment:	--
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-01787S50_C01
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Full Spectrum



9.15_ac20-mode_ch048

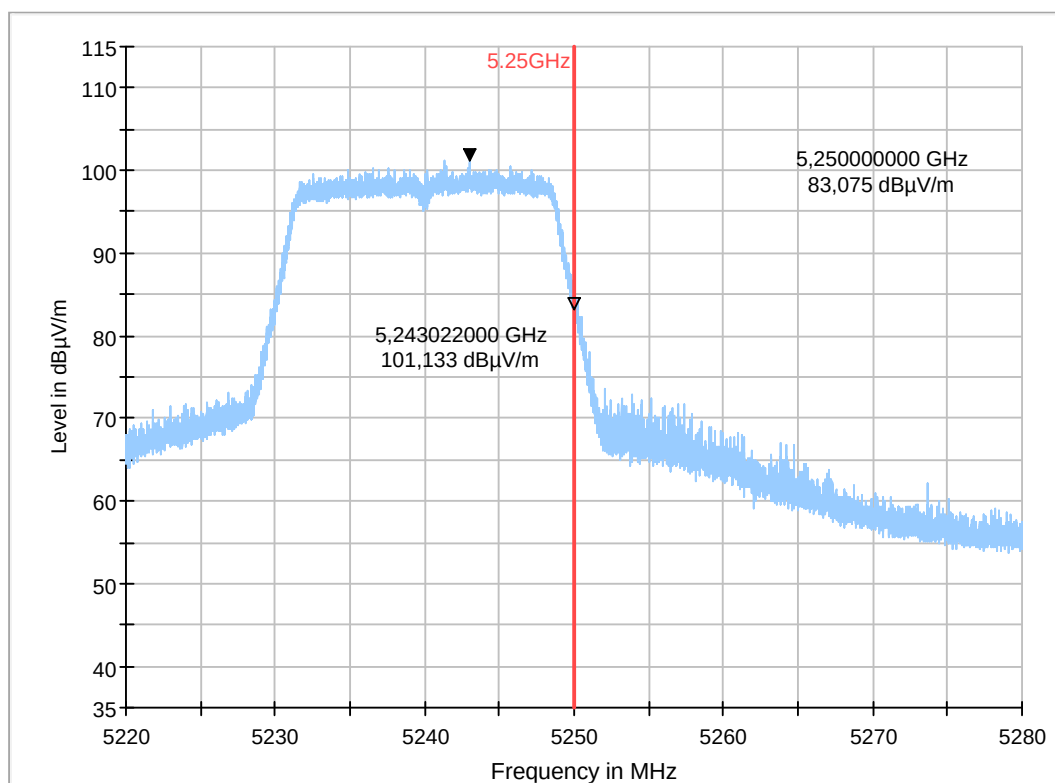
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac20-mode MCS4 ch48
Operator:	TFra
Comment:	--
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-01787S50_C01
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Full Spectrum



9.16_n40-mode_ch046

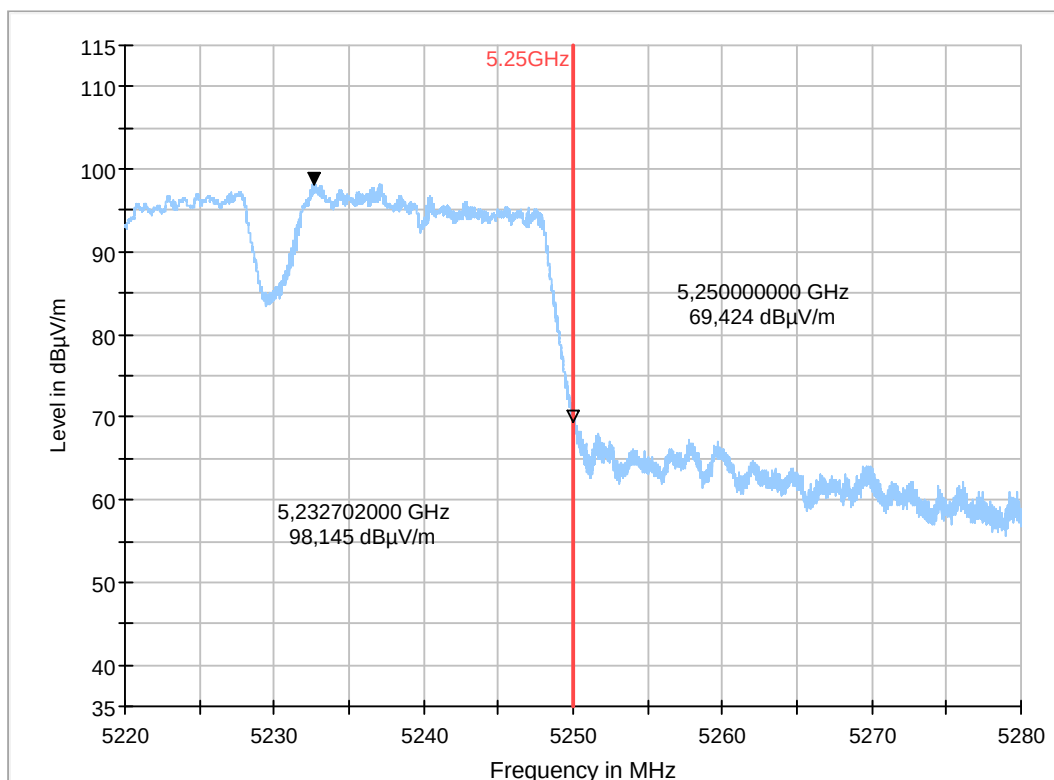
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	n40-mode MCS0 ch046
Operator:	TFra
Comment:	--
EUT Setup:	1
Environmental Conditions:	Humidity : 44% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-01787S50_C01
Power Supply:	12V DC

Full Spectrum



9.17_ac40-mode_ch046

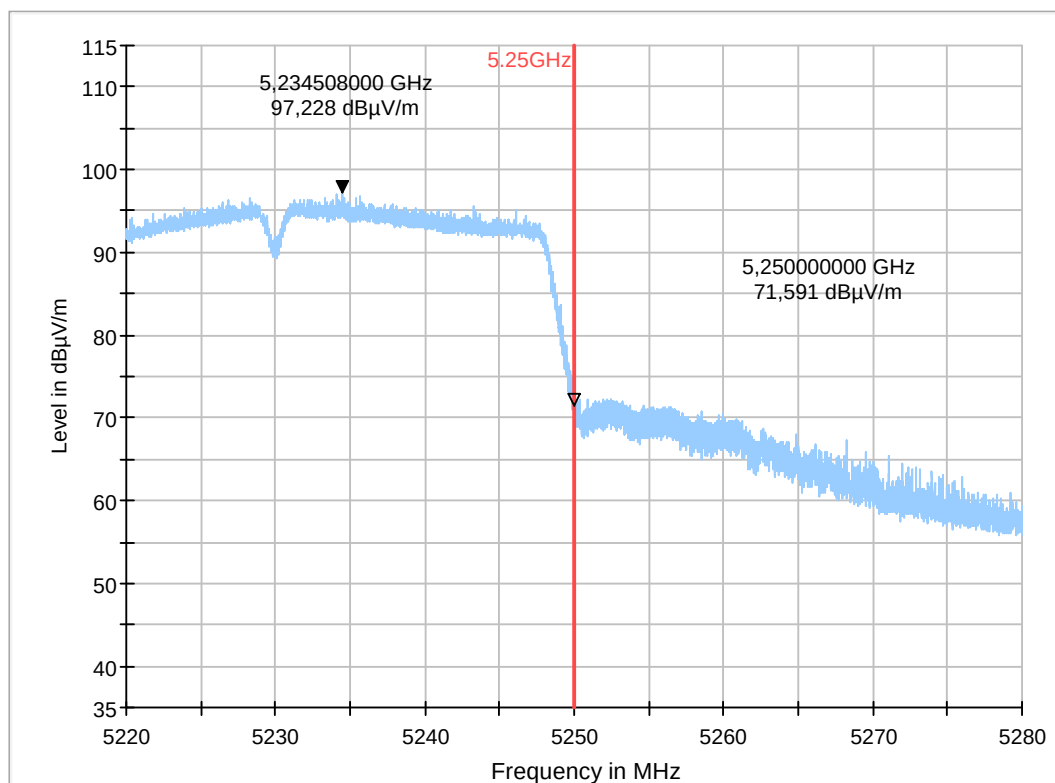
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac40-mode MCS0 ch046
Operator:	TFra
EUT Setup:	1
Environmental Conditions:	Humidity : 54% rH; Temperature: 19 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-01787S50_C01
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Full Spectrum



9.18_ac80-mode_ch042

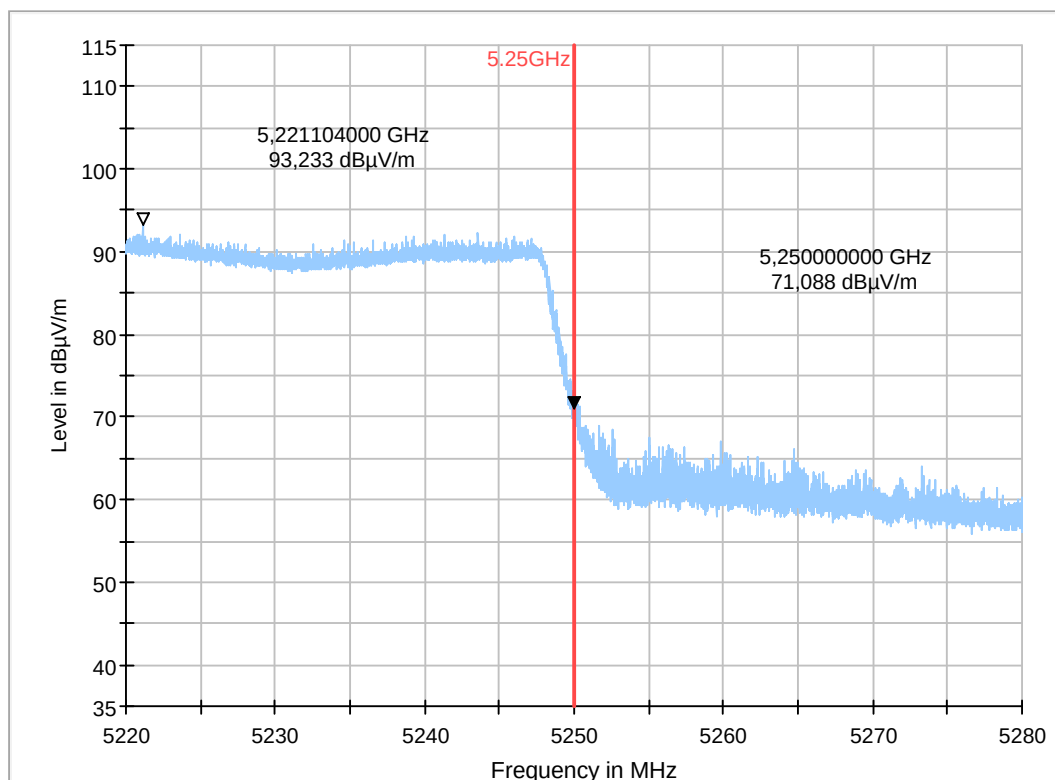
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac80-mode MCS0 ch042
Operator:	TFra
EUT Setup:	1
Environmental Conditions:	Humidity : 54% rH; Temperature: 19 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-01787S50_C01
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Full Spectrum



9.19_a-mode_ch165

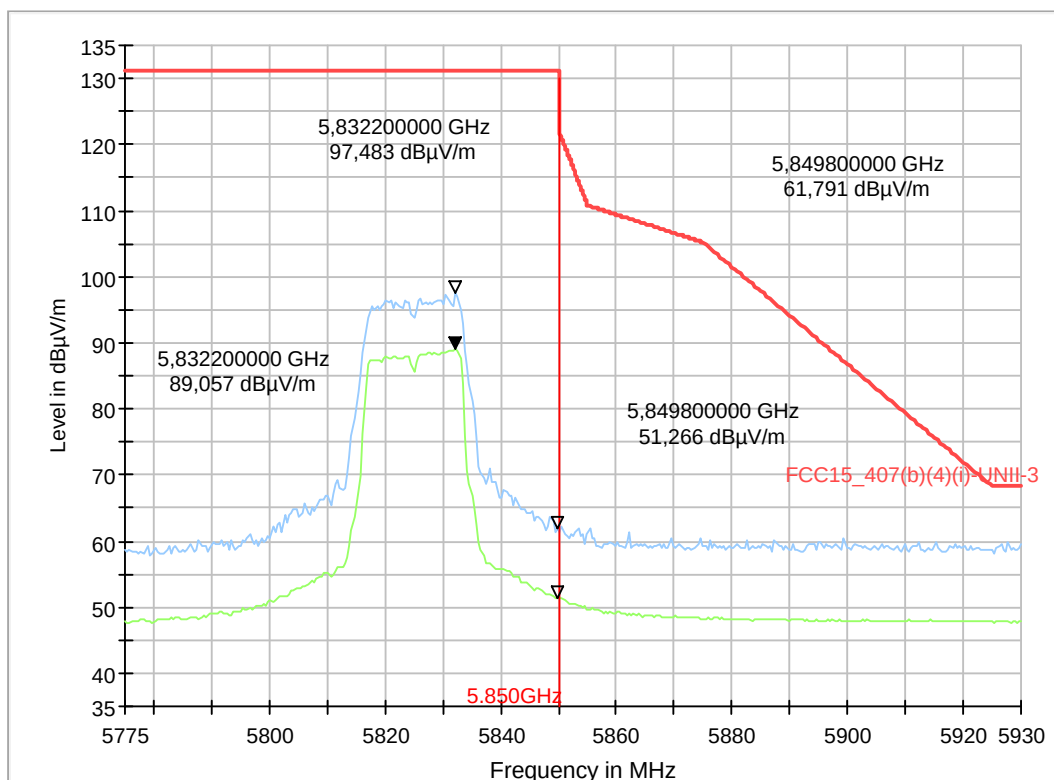
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	a-mode 48Mbps ch165
Operator:	TFra
Comment:	--
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-01787S50_C01
Power Supply:	12V DC

Full Spectrum



9.20_n20-mode_ch165

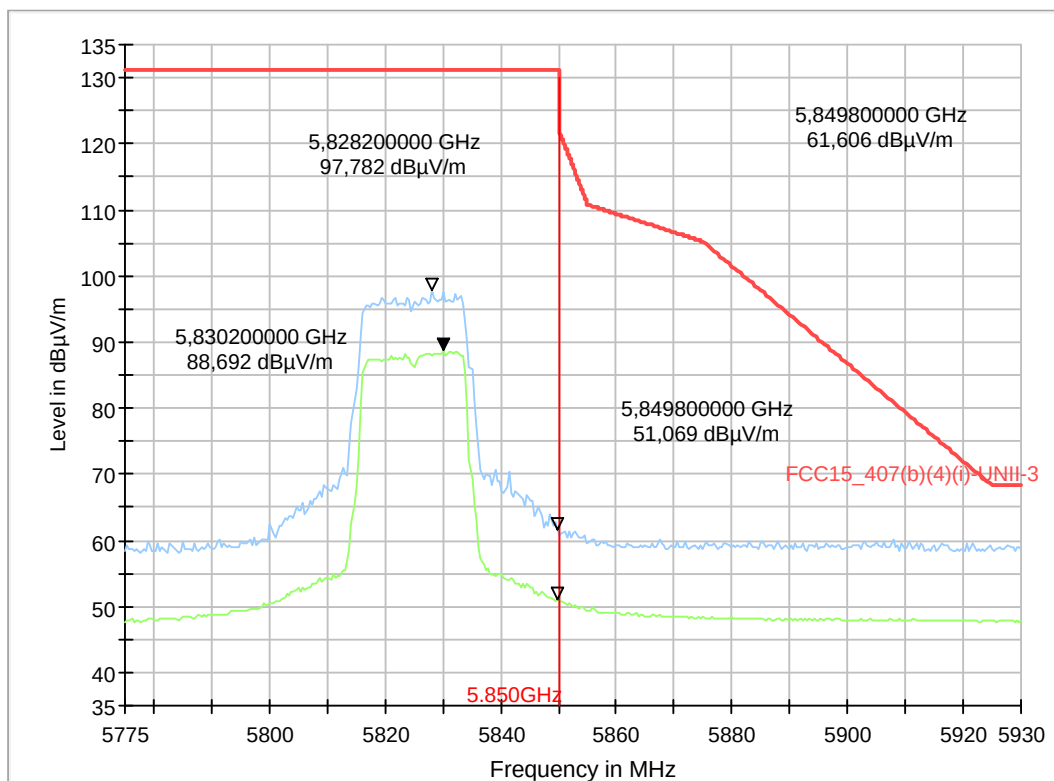
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	n20-mode MCS6 ch165
Operator:	TFra
Comment:	--
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-01787S50_C01
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Full Spectrum



9.21_ac20-mode_ch165

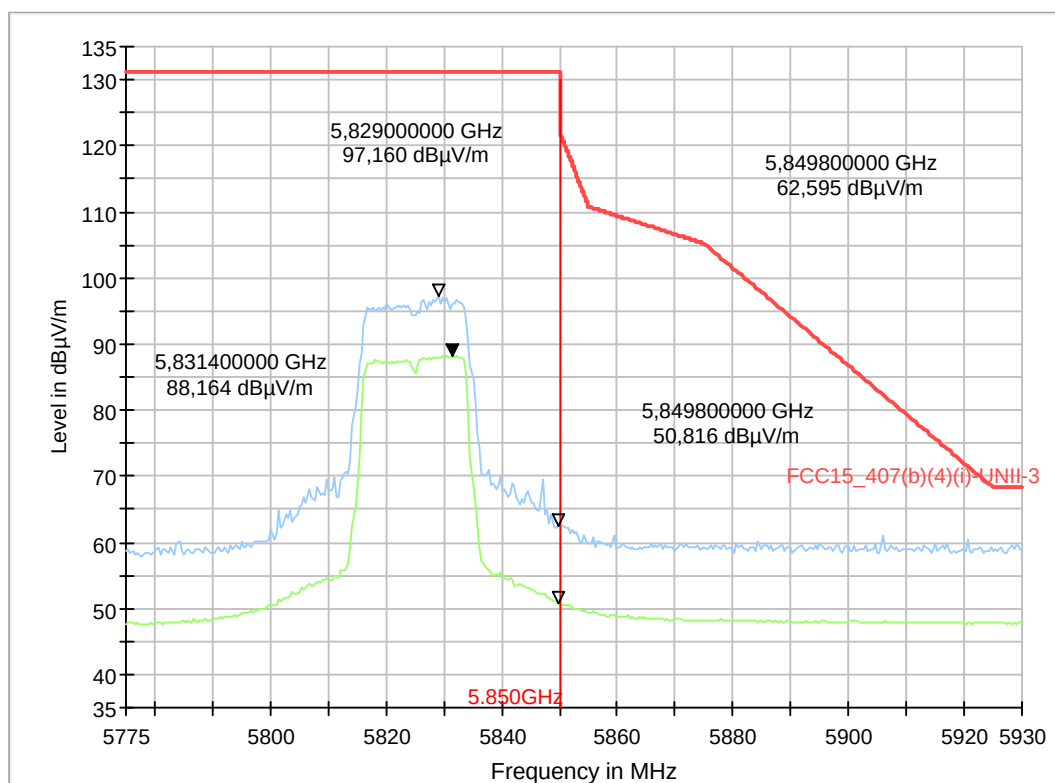
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac20-mode MCS4 ch165
Operator:	TFra
Comment:	--
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-01787S50_C01
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Full Spectrum



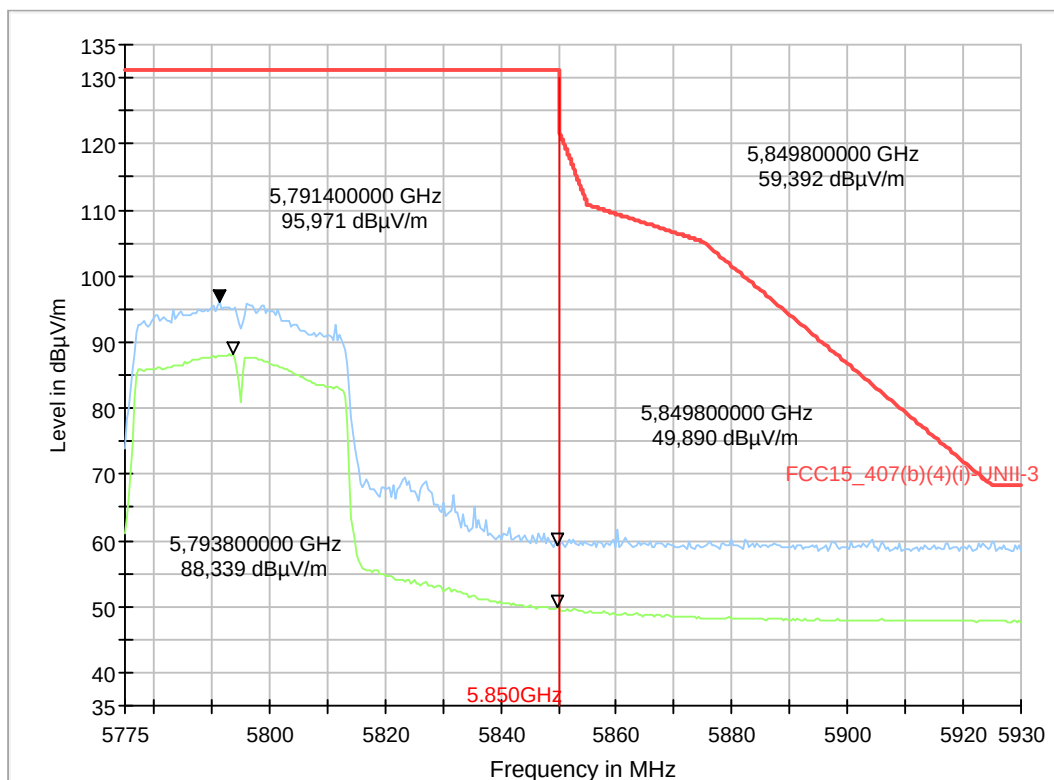
9.22_n40-mode_ch159

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	n40-mode MCS0 ch159
Operator:	TFra
Comment:	--
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



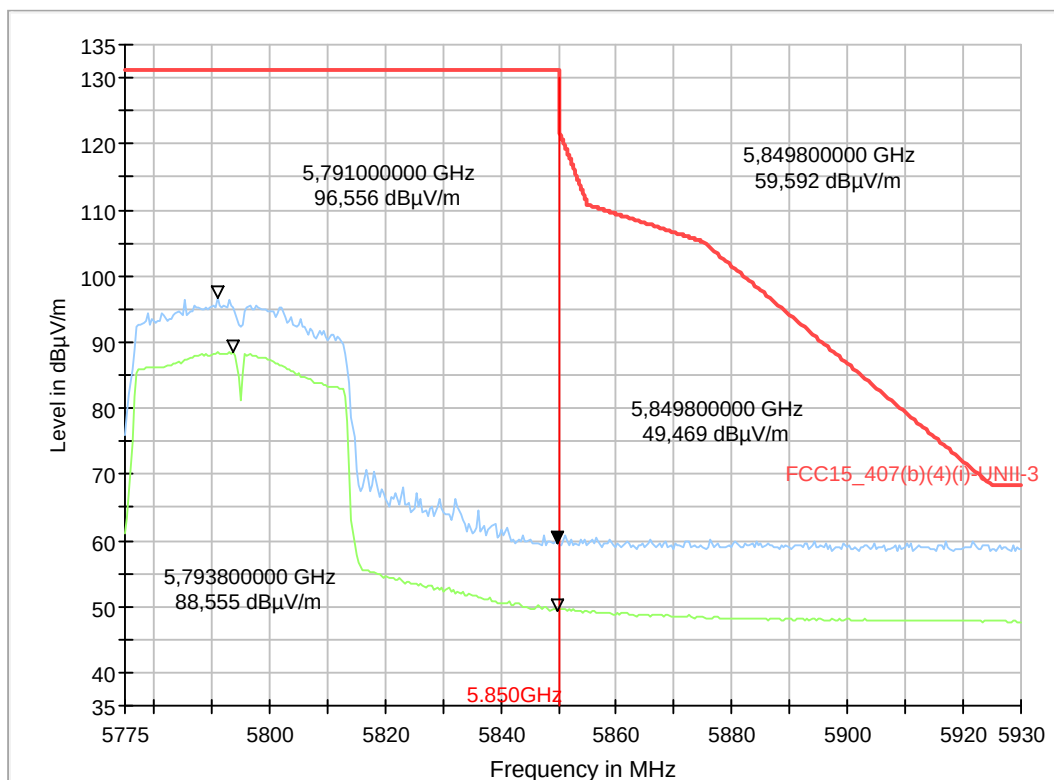
9.23_ac40-mode_ch159

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac40-mode MCS0 ch159
Operator:	TFra
Comment:	--
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



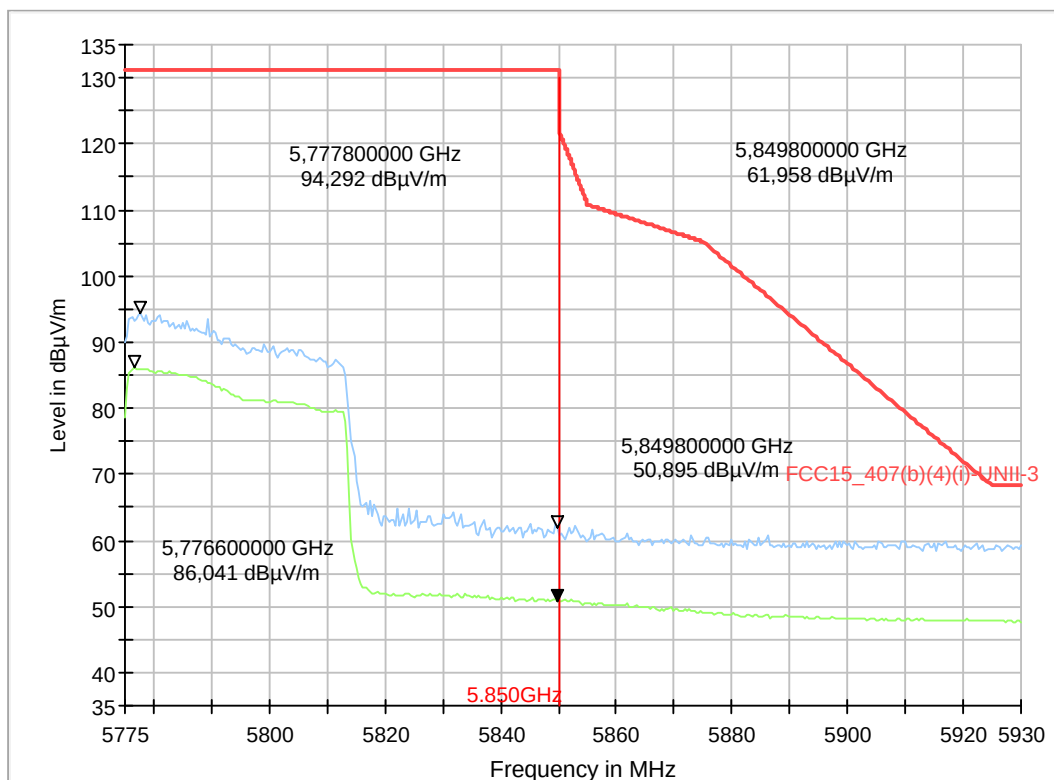
9.24_ac80-mode_ch155

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Software Version:	--
Operating Mode:	ac80-mode MCS0 ch155
Operator:	TFra
Comment:	--
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



End Of Annex 1