

Annex 1: Measurement diagrams 21-1-0178701T028a-C01-A1

Number of pages:	123	Date of Report:	2023-Apr-28
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:	Telematic Device		
Model:	104760201		
FCC ID:	2AGKK104760201		
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		

Table of Contents

1	Measurement diagrams.....	3
---	---------------------------	---

1 Measurement diagrams

2.01a_a-mode_6Mbps_ch048

Common Information

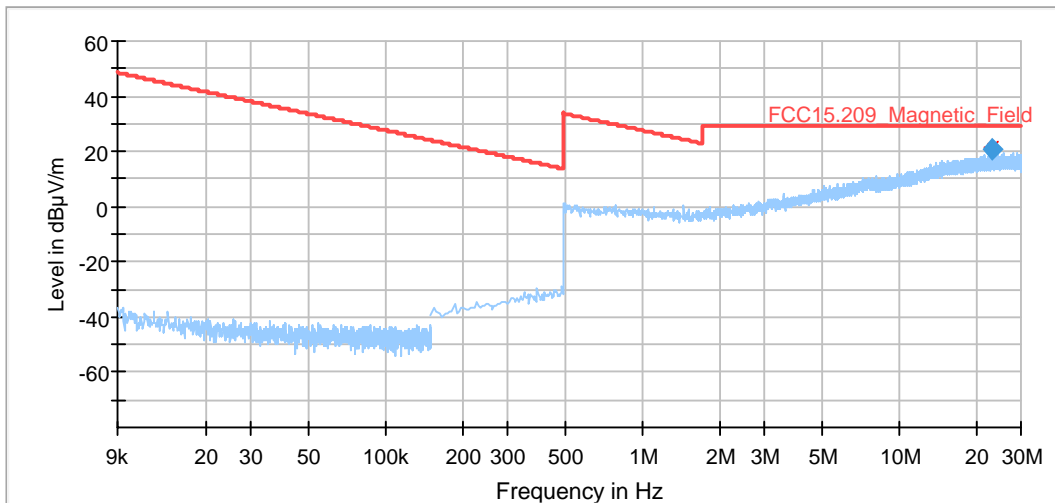
Test description: Magnetic Field Strength Measurement related to 30/300 m distance
 Test Site Location: Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
 Version of Testsoftware: EMC32 V10.50.0
 Distance correction: used accord. table, pls. see test report
 Technical Data: Please 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_ch048
 Environmental Conditions: Humidity : 40% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number 21-1-01787S51_C01

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)
23.246000	20.56	29.54	8.98	1000.0	9.000	H	225.0	1.8

2.01b_a-mode_6Mbps_ch048

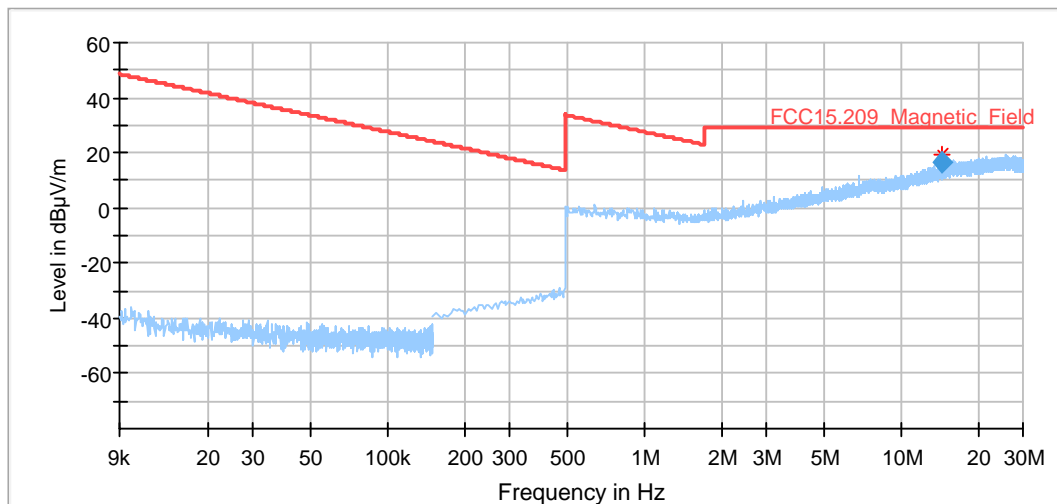
Common Information

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_ch048
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number 21-1-01787551_C01

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)
14.446000	16.92	29.54	12.62	1000.0	9.000	H	178.0	-0.8

2.02_a-mode_6Mbps_ch157

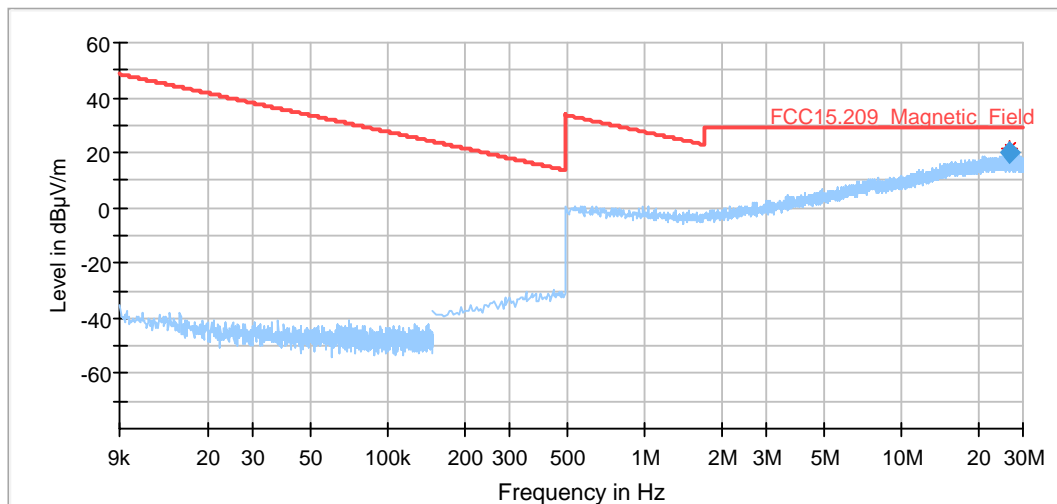
Common Information

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

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)
26.682000	19.76	29.54	9.78	1000.0	9.000	V	15.0	2.1

3.01a_a-mode_6Mbps_ch048

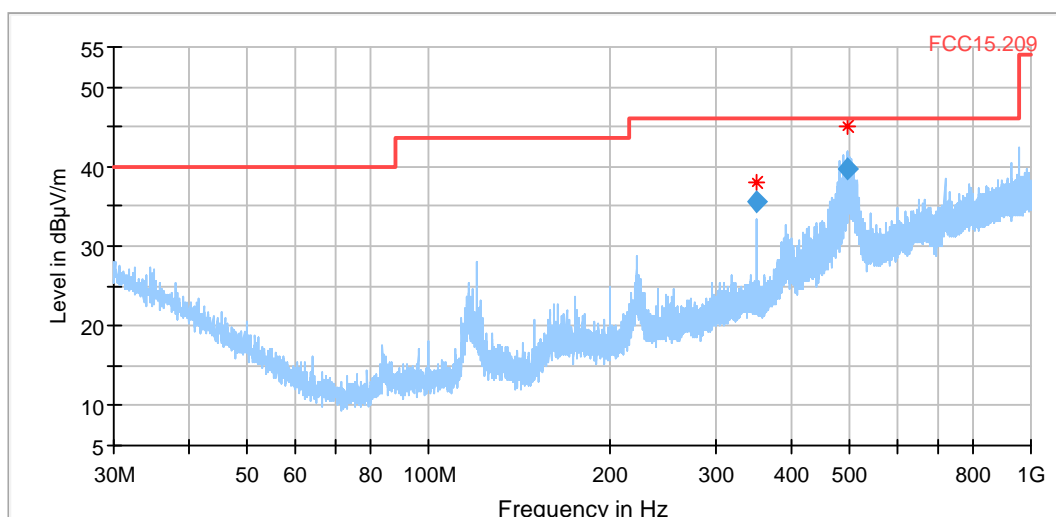
Common Information

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: 13.8V
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S51_C01



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)
350.010000	35.64	46.00	10.36	120.000	125.0	H	285.0	16.5	0.0	1.9
494.590000	39.61	46.00	6.39	120.000	160.0	H	176.0	19.7	0.0	2.4

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

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
350.010000	14.6	19.1	16:07:20 - 01.12.2022
494.590000	17.3	19.9	16:12:40 - 01.12.2022

3.01b_a-mode_6Mbps_ch048

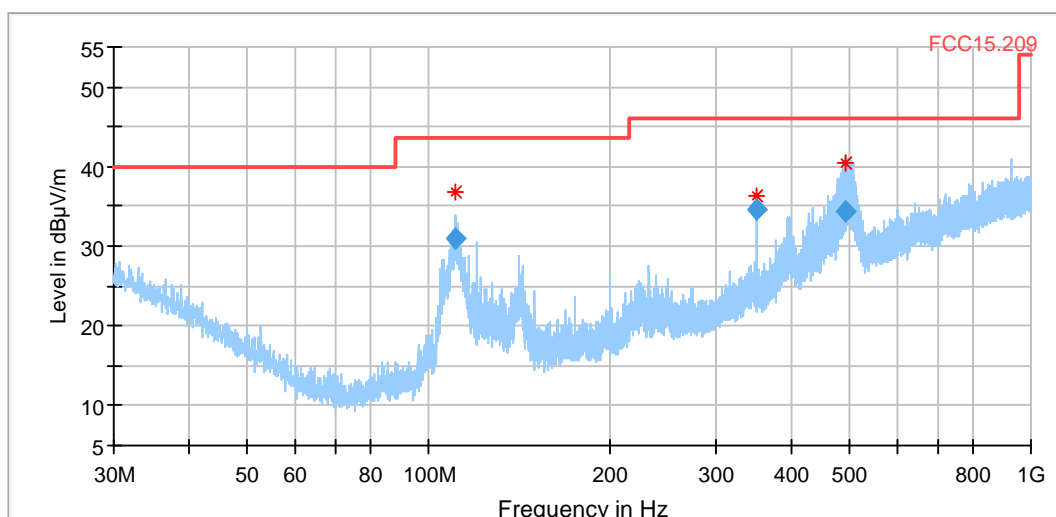
Common Information

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: 13.8V
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S51_C01



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)
111.070000	30.97	43.50	12.53	120.000	167.0	V	264.0	7.7	0.0	1.2
349.910000	34.54	46.00	11.46	120.000	152.0	V	24.0	16.5	0.0	1.9
492.110000	34.40	46.00	11.60	120.000	117.0	V	74.0	19.7	0.0	2.3

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

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
111.070000	6.5	23.3	16:53:08 - 01.12.2022
349.910000	14.6	18.0	16:58:35 - 01.12.2022
492.110000	17.3	14.7	16:48:01 - 01.12.2022

3.02_a-mode_6Mbps_ch157

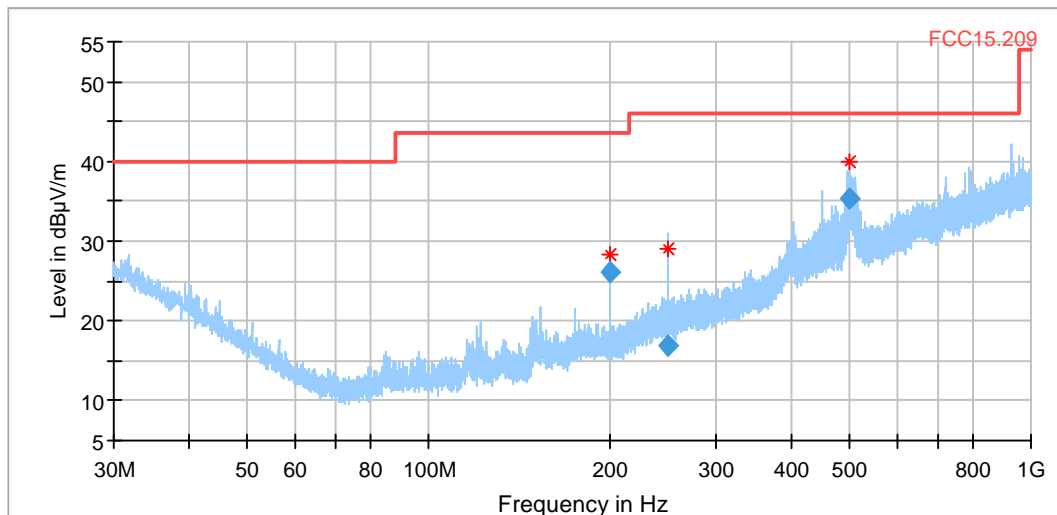
Common Information

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: 13.8V
 Verdict: Passed

EUT Information

PMT Sample number: 21-1-0178701S51_C01



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)
199.990000	26.20	43.50	17.30	120.000	105.0	V	29.0	11.0	0.0	1.3
249.910000	16.79	46.00	29.21	120.000	257.0	V	266.0	13.0	0.0	1.6
498.170000	35.28	46.00	10.72	120.000	184.0	H	35.0	19.6	0.0	2.3

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

Frequency (MHz)	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
199.990000	9.7	15.2	11:15:39 - 02.12.2022
249.910000	11.4	3.8	11:20:14 - 02.12.2022
498.170000	17.3	15.6	11:10:34 - 02.12.2022

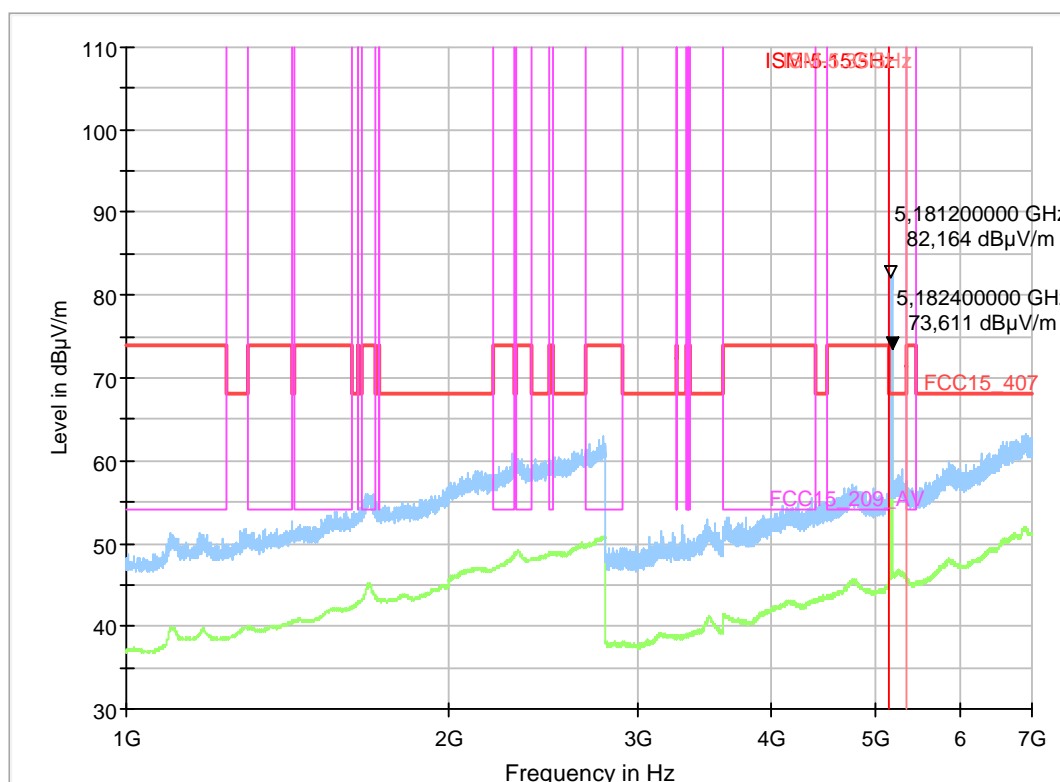
4.01a_a-mode_ch036_laying

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:	EMC32 V10.50.0
Operating Mode:	a-mode_ch036_laying_internal_antenna
Operator:	SOz
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



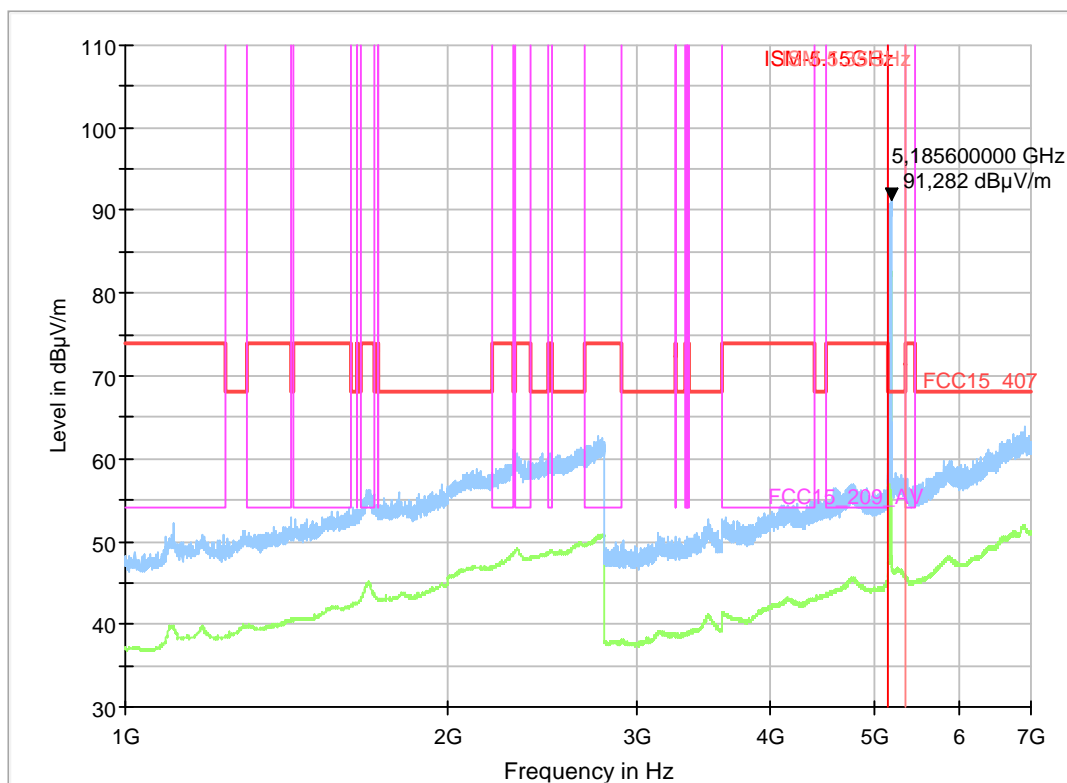
4.01b_a-mode_ch036_standing

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:	EMC32 V10.50.0
Operating Mode:	a-mode 48Mbps ch036
Operator:	KTe/Tal
Comment:	Channel no.36
EUT Setup:	1
Environmental Conditions:	Humidity : 38% rH; Temperature: 19 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01
Full Spectrum



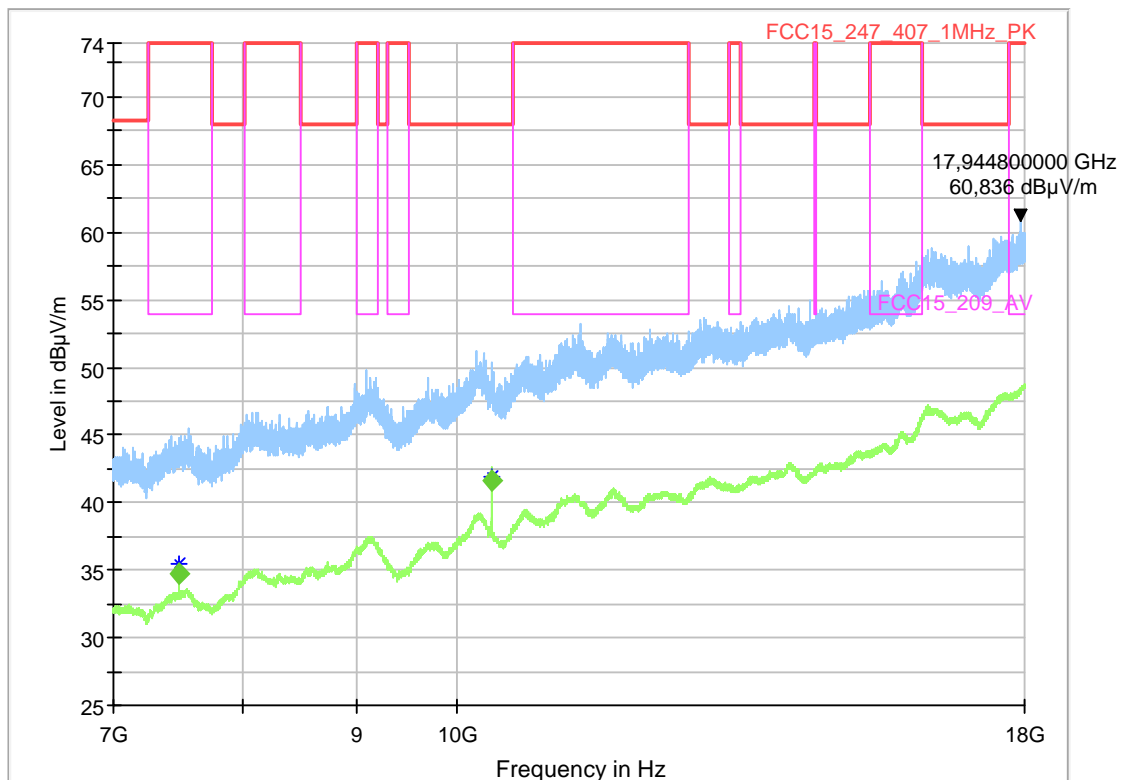
4.01c_a-mode_ch036_laying

Common Information

Test Description: Radiated field strength emission in 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: EMC32 V10.50.0
 Operating Mode: WLAN 5G | a-mode | 48Mbps | ch036
 Operator: TFra/KTe
 Comment: -
 EUT Setup: 1
 Environmental Conditions: Humidity : 49% rH; Temperature: 19 °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	---	34.80	54.00	19.20	100.0	1000.000	155.0	V	329.0	11
10359.900000	---	41.62	150.00	108.38	100.0	1000.000	155.0	V	0.0	17

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

Frequency (MHz)	Sig Path (dB)	Pream p	Trd Corr. (dB/m)	Raw Rec (dBµV)	Comment
7499.000000	-19	-10	40	---	16:50:38 - 18.01.2023
10359.900000	-16	-10	42	---	16:48:41 - 18.01.2023

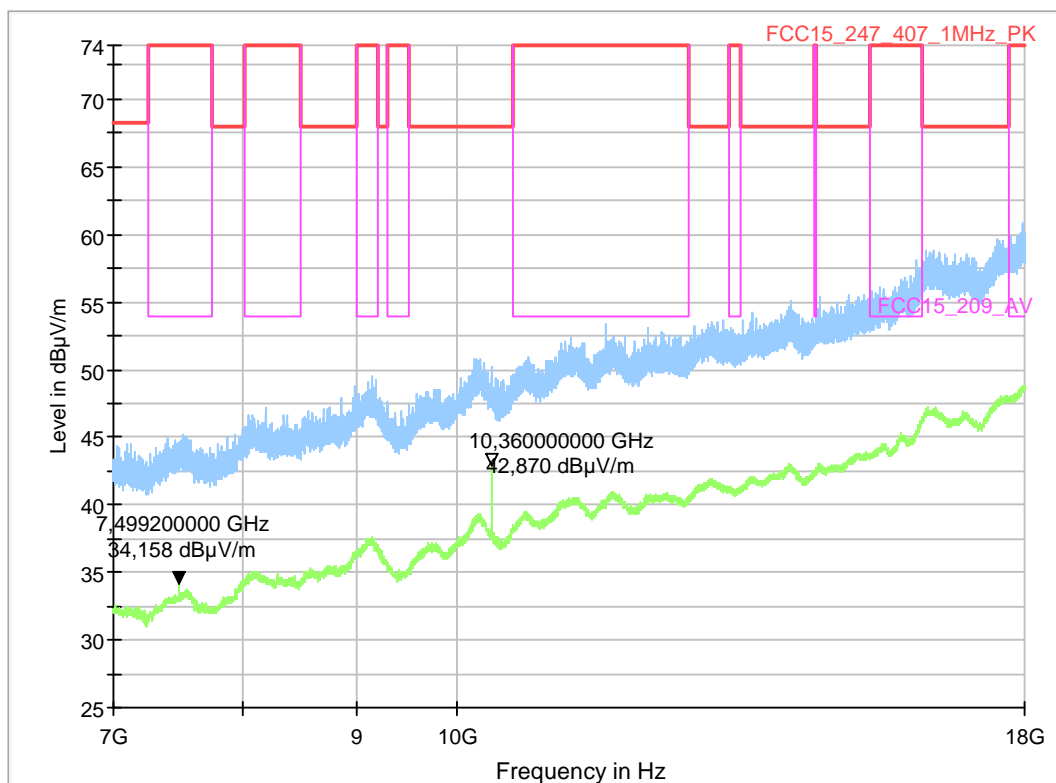
4.01d_a-mode_ch036_standing

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:	EMC32 V10.50.0
Operating Mode:	a-mode 48Mbps ch036
Operator:	Asa
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01
Full Spectrum



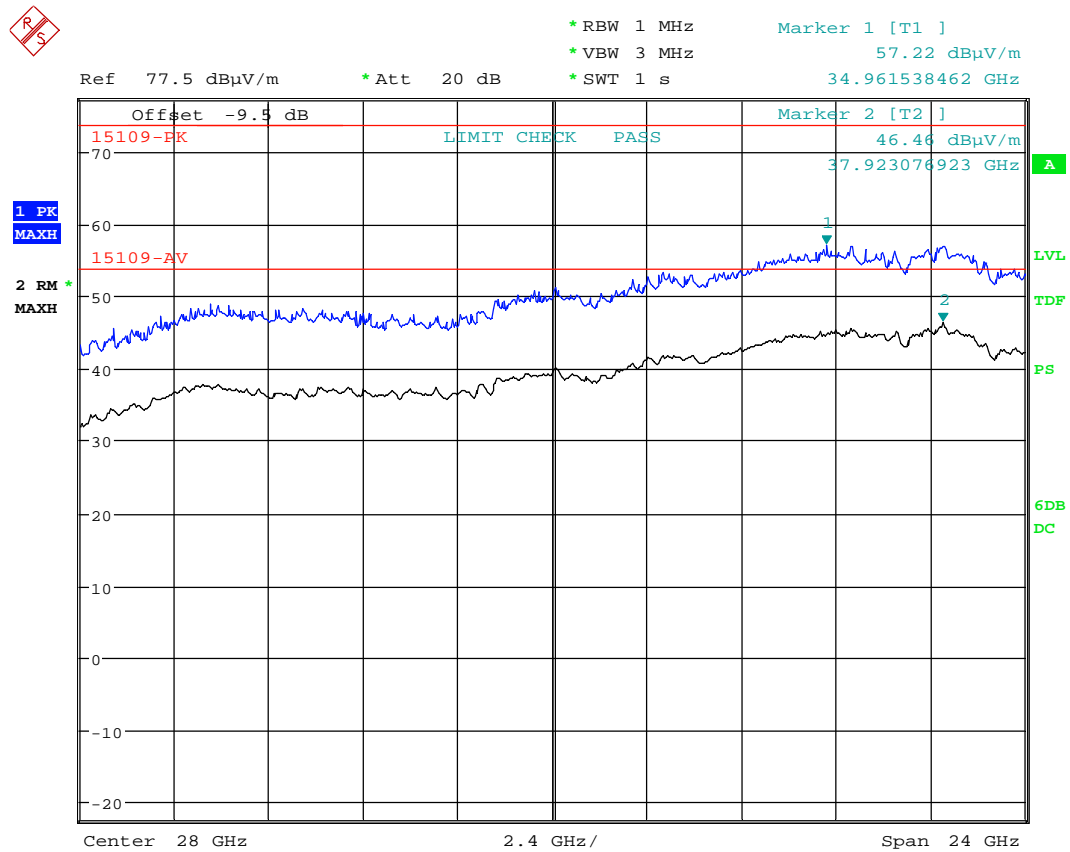
4.01e_a-mode_ch036

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: EMC32 V10.50.0
 Operating Mode: a-mode | 48Mbps | ch036
 Operator: Asa
 Comment: -
 EUT Setup: 1
 Environmental Conditions: Humidity : 40% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01



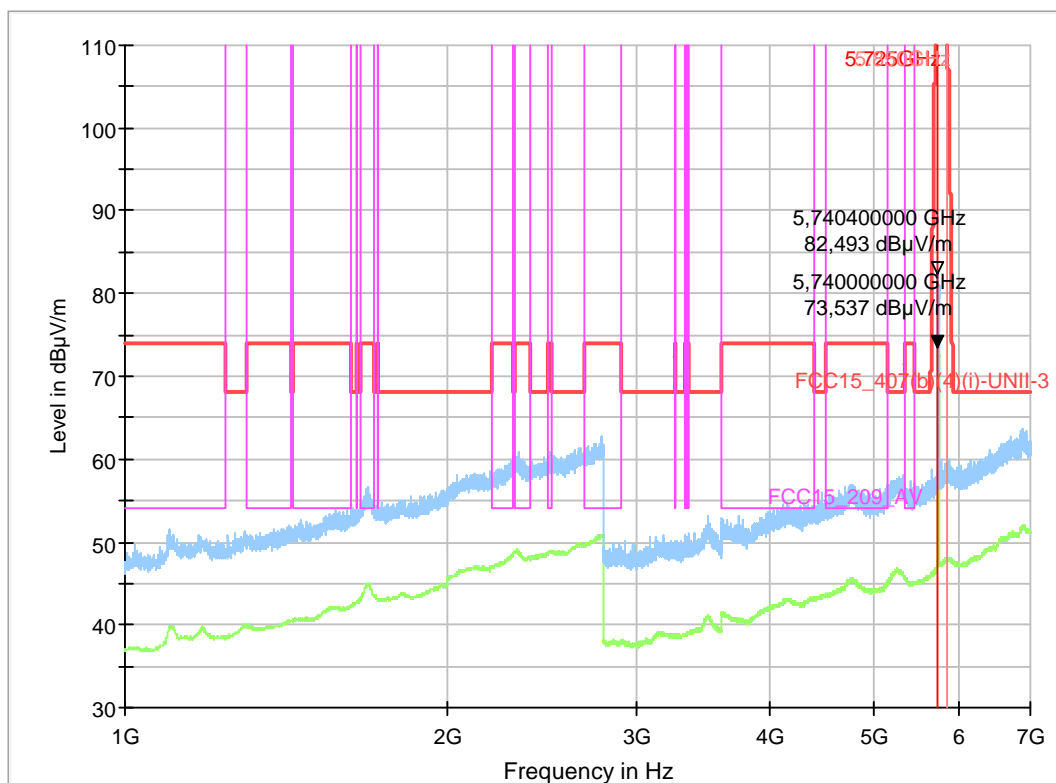
4.02a_a-mode_ch149_laying

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:	EMC32 V10.50.0
Operating Mode:	a-mode 48Mbps ch149 internal antenna
Operator:	SOz
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



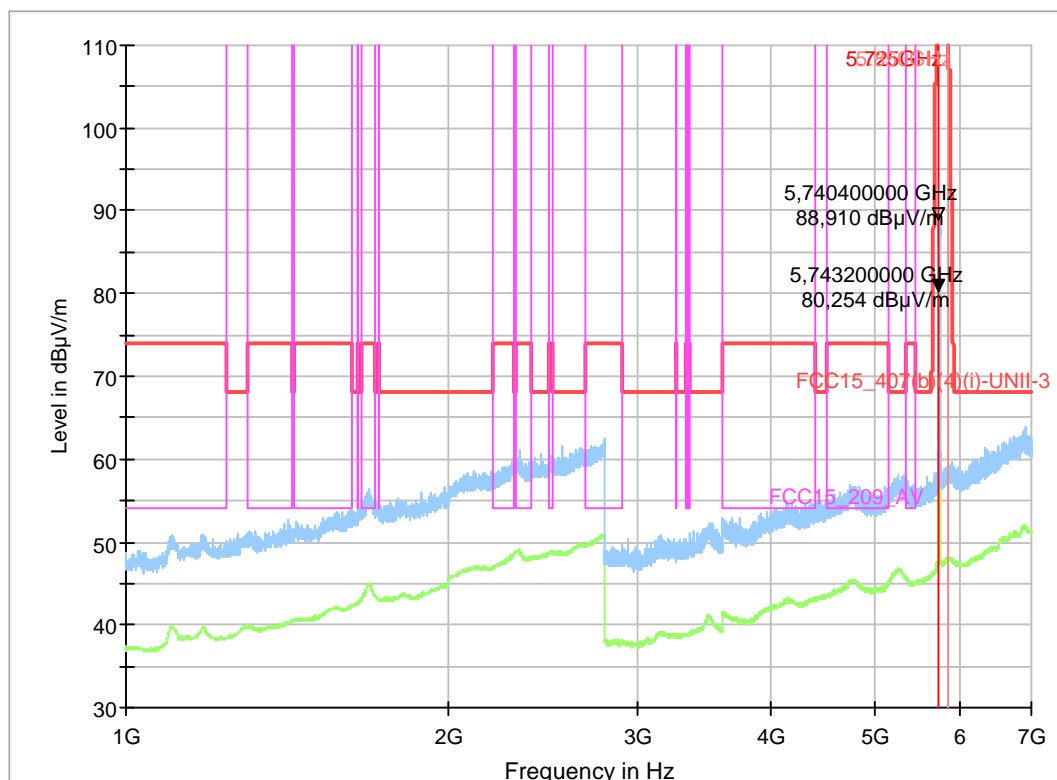
4.02b_a-mode_ch149_standing

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:	EMC32 V10.50.0
Operating Mode:	a-mode 48Mbps ch149
Operator:	KTe/Tal
Comment:	Channel no. 149
EUT Setup:	1
Environmental Conditions:	Humidity : 39% rH; Temperature: 19 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01
Full Spectrum



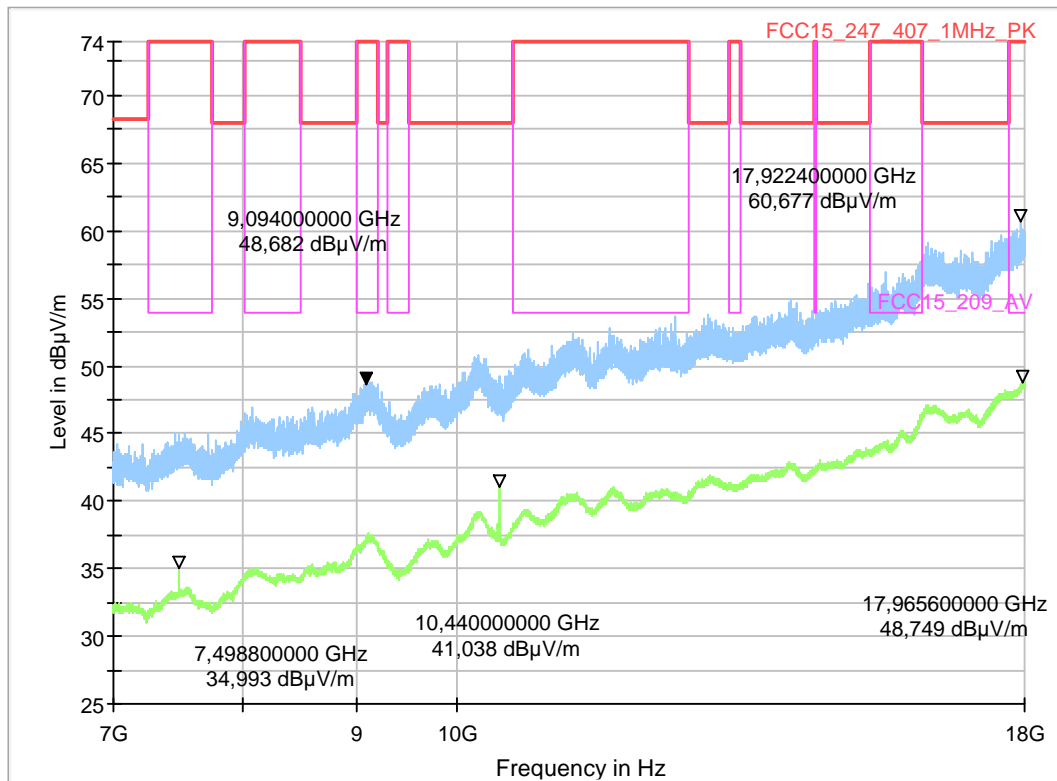
4.02c_n20-mode_ch044_laying

Common Information

Test Description:	Radiated field strength emission in 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:	EMC32 V10.50.0
Operating Mode:	WLAN 5G n20-mode MCS6 ch044
Operator:	TFra/KTe
EUT Setup:	1
Environmental Conditions:	Humidity : 49% rH; Temperature: 19 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01
Full Spectrum



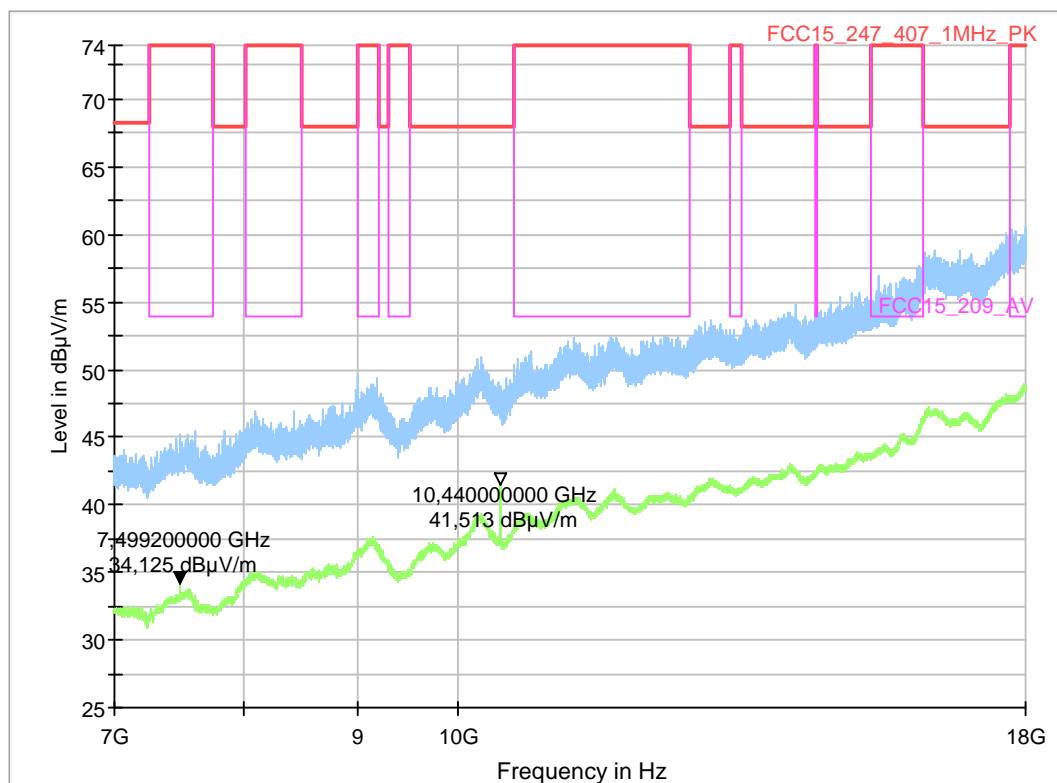
4.02d_n20-mode_ch044_standing

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:	EMC32 V10.50.0
Operating Mode:	n20-mode MCS6 ch044
Operator:	Asa
Comment:	
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01
Full Spectrum



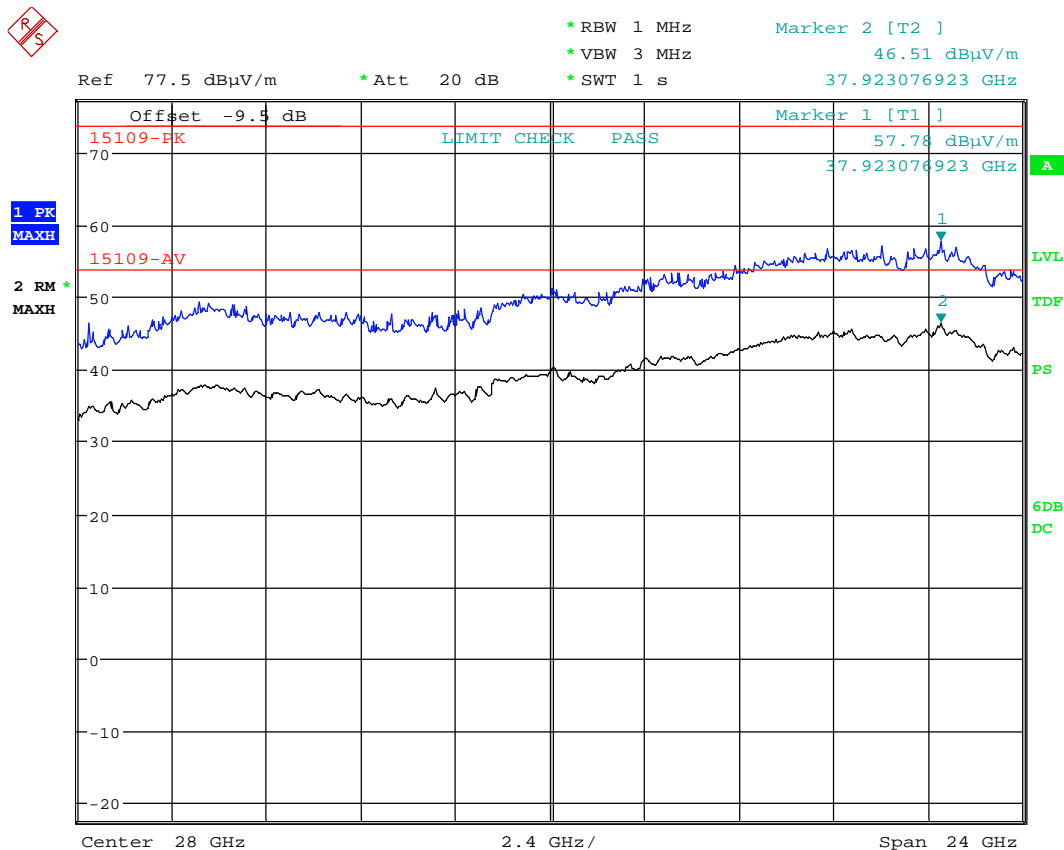
4.02e_n20-mode_ch044

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: EMC32 V10.50.0
 Operating Mode: n20-mode | MCS6 | ch044
 Operator: Asa
 Comment: -
 EUT Setup: 1
 Environmental Conditions: Humidity : 40% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01



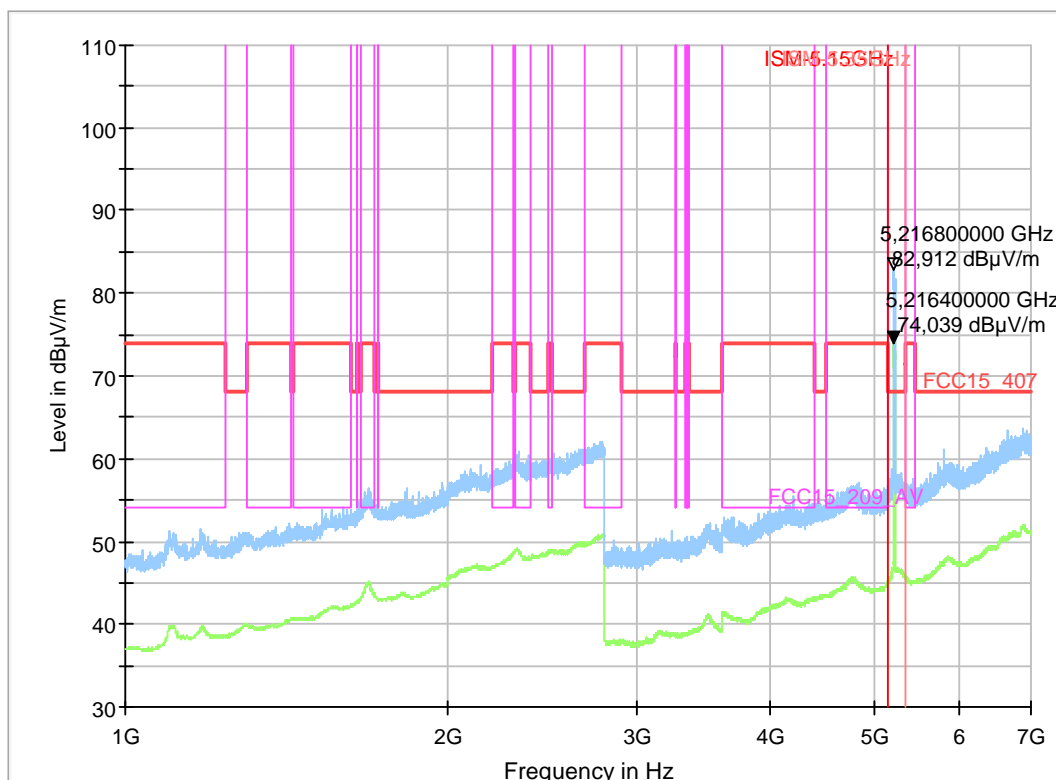
4.03a_n20-mode_ch044_laying

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:	EMC32 V10.50.0
Operating Mode:	n20-mode MCS6 ch044 internal antenna
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



4.03b_n20-mode_ch044_standing

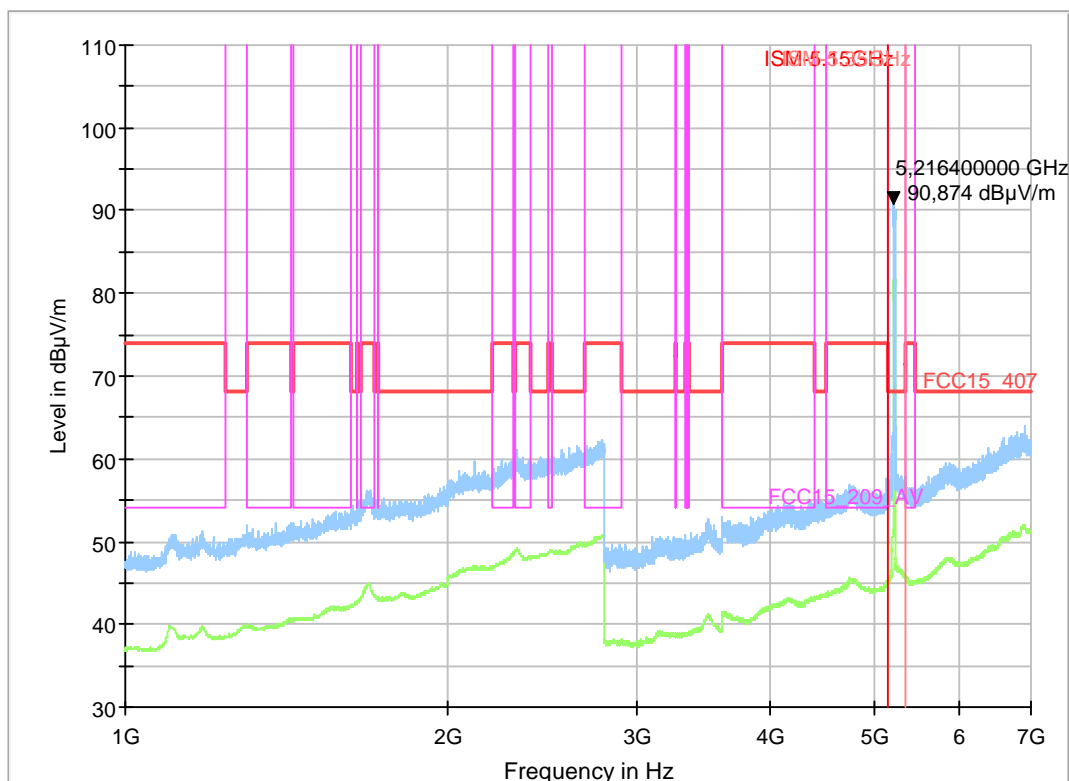
Common Information

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:	EMC32 V10.50.0
Operating Mode:	n20-mode MCS6 ch044
Operator:	KTe/Tal
Comment:	Channel no. 44
EUT Setup:	1
Environmental Conditions:	Humidity : 39% rH; Temperature: 19 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01

Full Spectrum



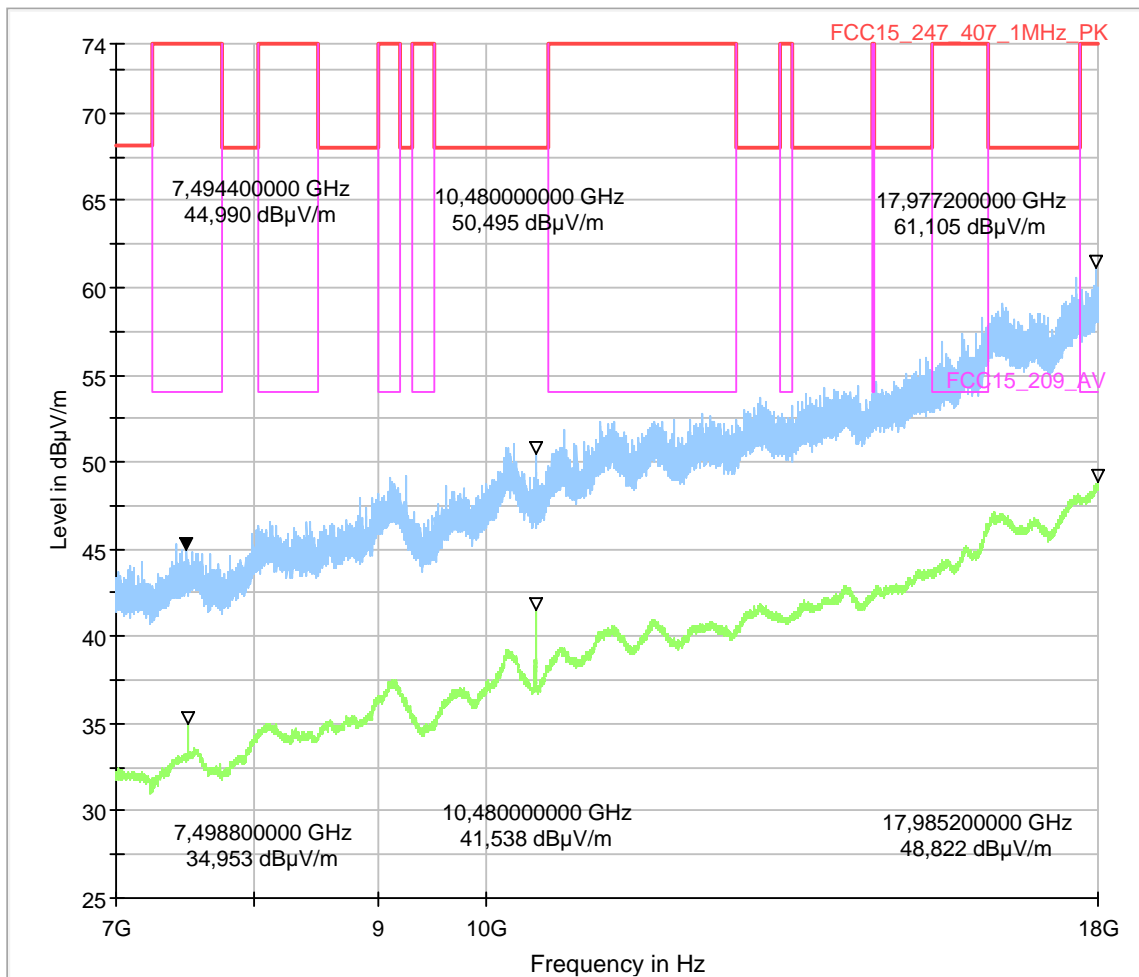
4.03c_ac20-mode_ch048_laying

Common Information

Test Description:	Radiated field strength 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:	EMC32 V10.50.0
Operating Mode:	ac20-mode MCS4 ch048
Operator:	TFra
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01



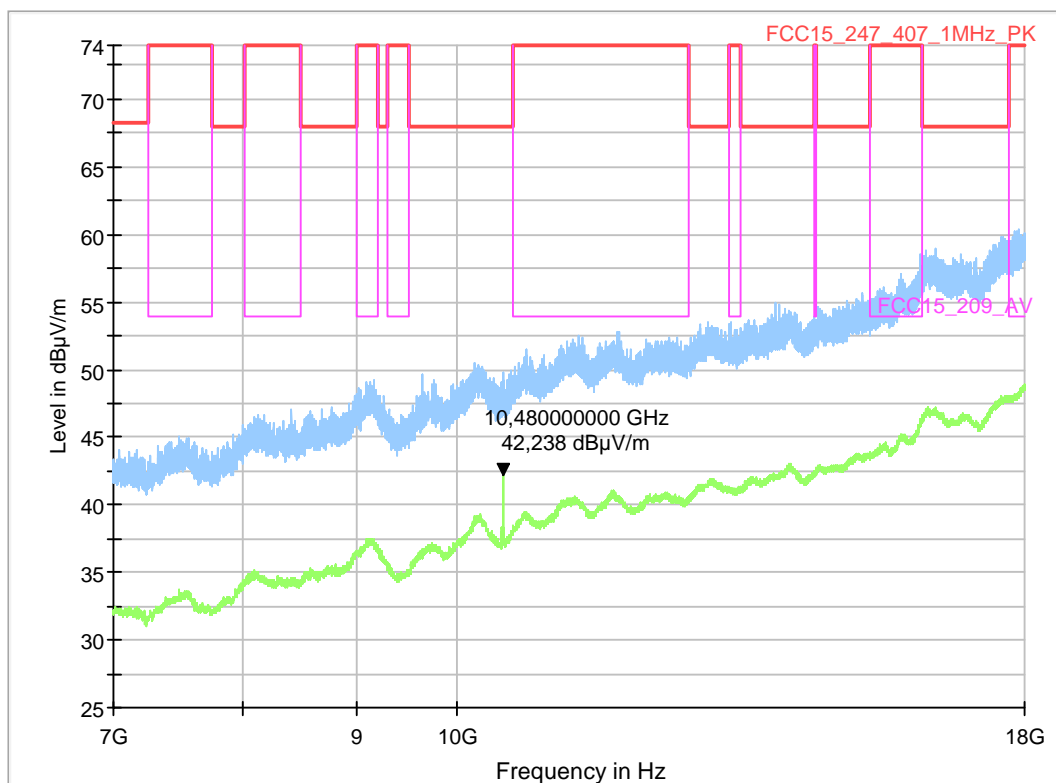
4.03d_ac20-mode_ch048_standing

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
Software Version:	EMC32 V10.50.0
Operating Mode:	ac20-mode MCS4 ch048
Operator:	Asa
Comment:	
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



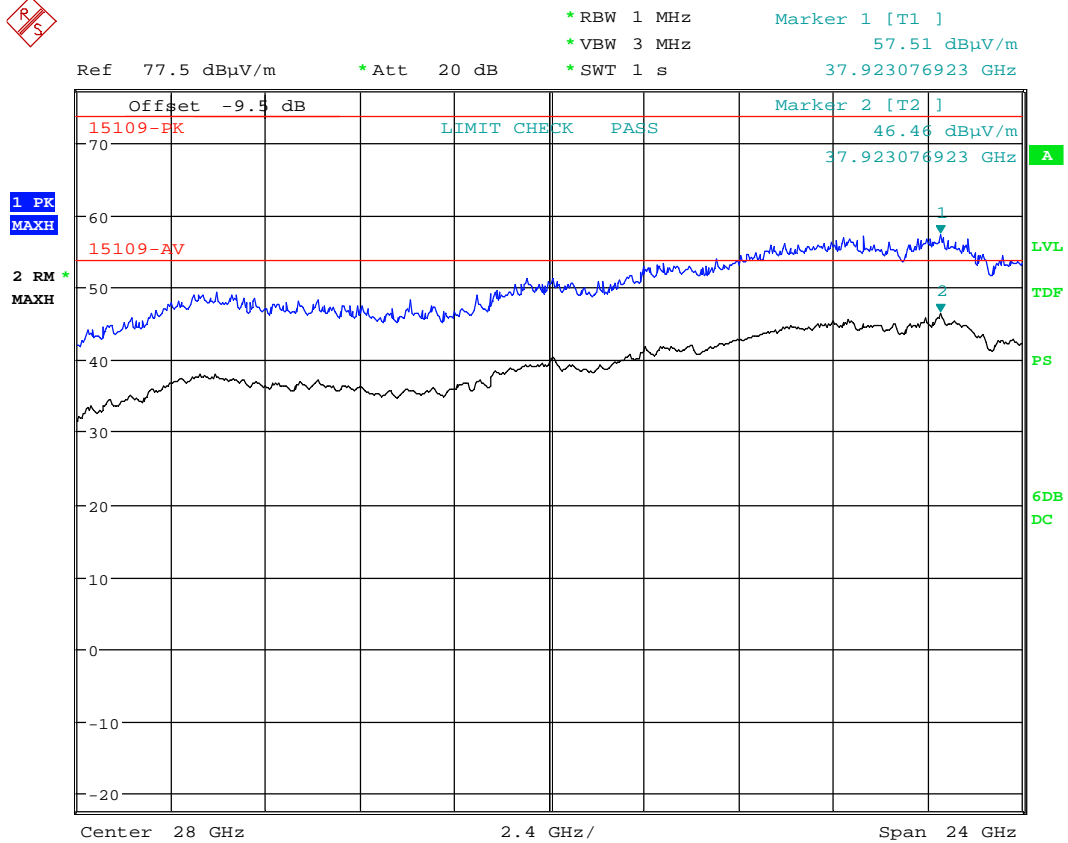
4.03e_ac20-mode_ch048

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: EMC32 V10.50.0
 Operating Mode: ac20-mode | MCS4 | ch048
 Operator: Asa
 Comment:
 EUT Setup: 1
 Environmental Conditions: Humidity : 40% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01



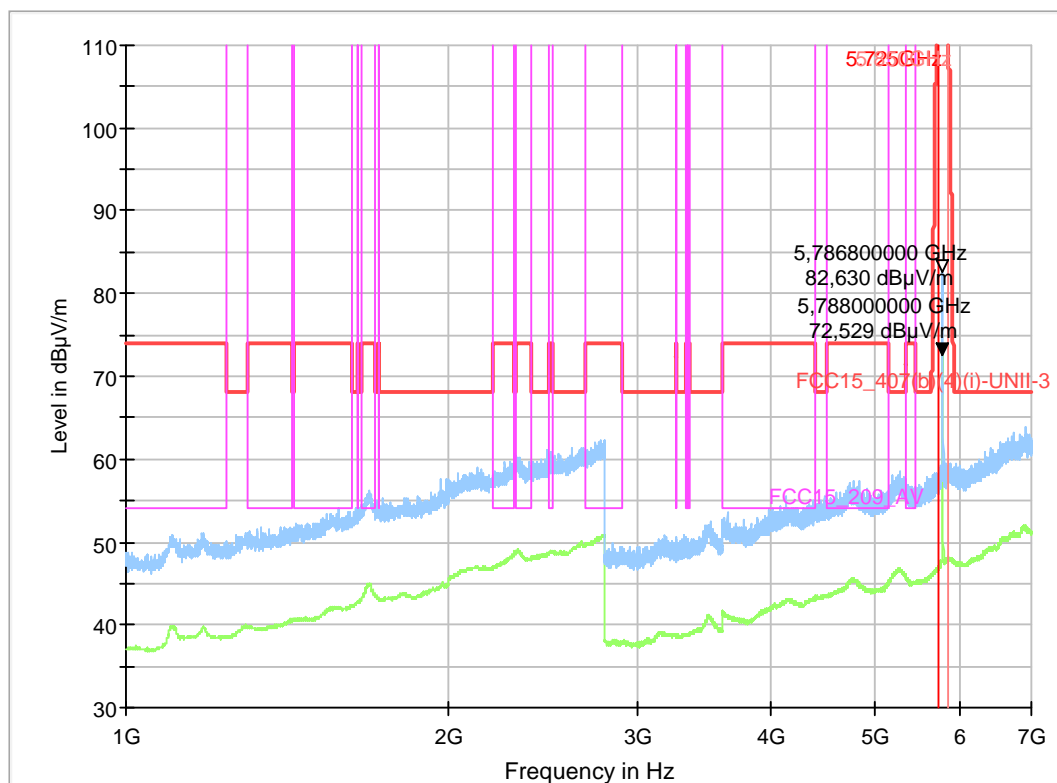
4.04a_n20-mode_ch157_laying

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:	EMC32 V10.50.0
Operating Mode:	n20-mode MCS6 ch157 internal antenna
Operator:	SOz
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



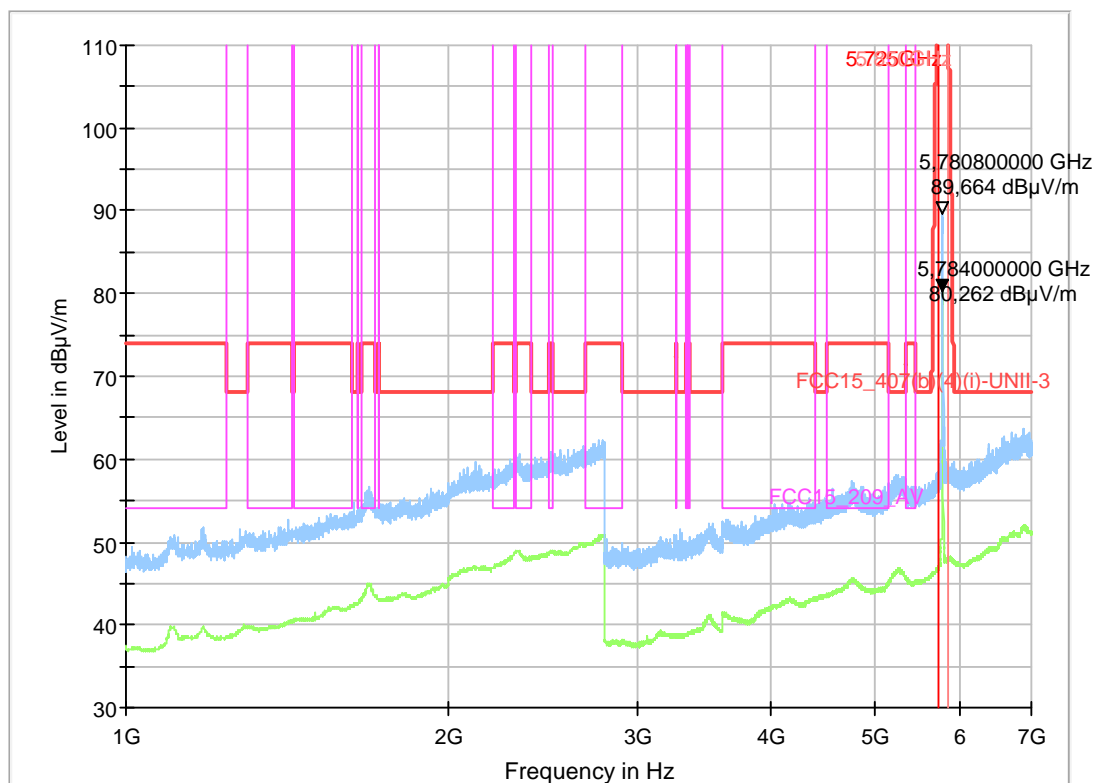
4.04b_n20-mode_ch157_standing

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:	EMC32 V10.50.0
Operating Mode:	n20-mode MCS6 ch157
Operator:	KTe/Tal
Comment:	Channel no.157
EUT Setup:	1
Environmental Conditions:	Humidity : 39% rH; Temperature: 19 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



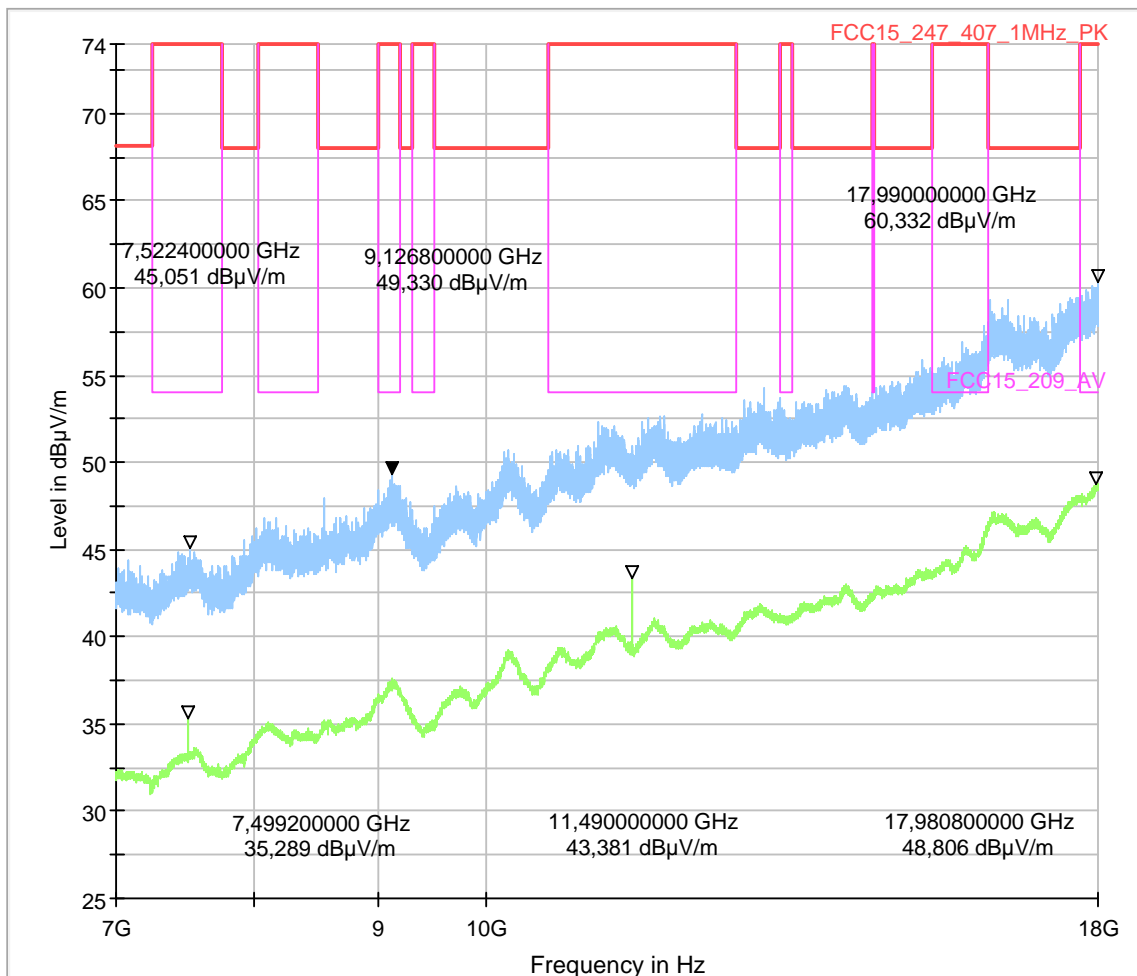
4.04c_a-mode_ch149_laying

Common Information

Test Description:	Radiated field strength 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:	EMC32 V10.50.0
Operating Mode:	a-mode 48Mbps ch149
Operator:	TFra
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01



4.04d_a-mode_ch149_standing

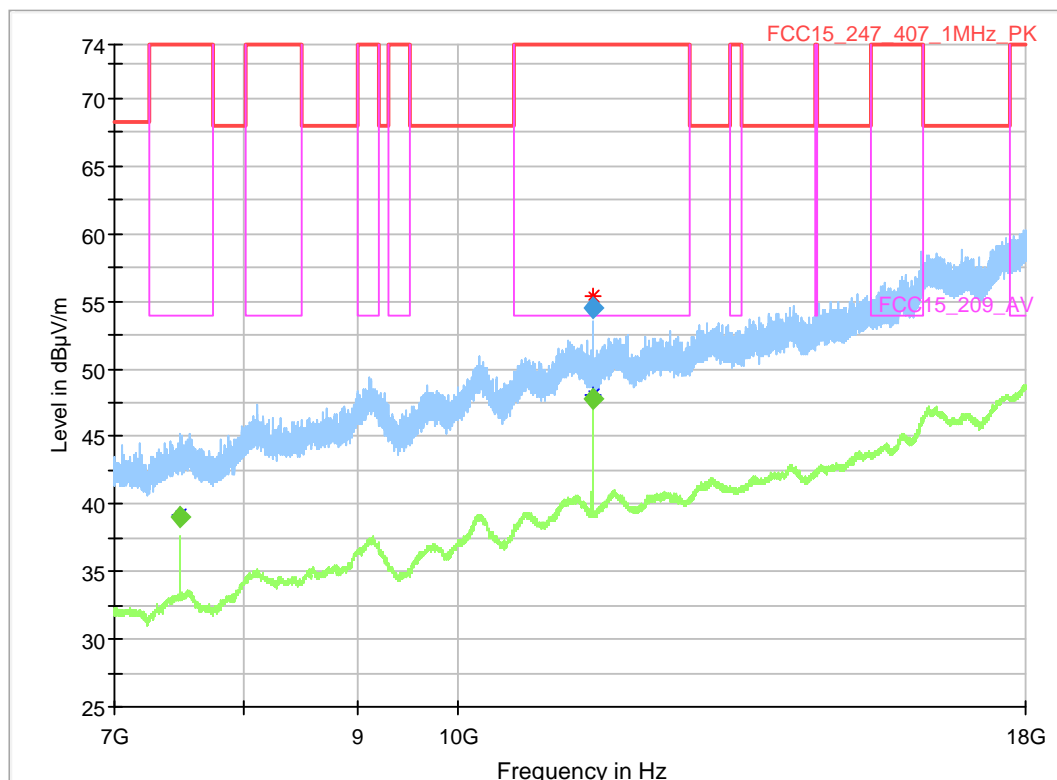
Common Information

Test Description:	Radiated field strength 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:	EMC32 V10.50.0
Operating Mode:	n20-mode MCS6 ch157 internal antenna
Operator:	SOz
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dB μ V/m)	RMS (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
7499.050000	---	39.11	54.00	14.89	100.0	1000.000	155.0	H	64.0	11.2
11489.900000	---	47.72	54.00	6.28	100.0	1000.000	155.0	H	333.0	18.7
11490.050000	54.57	---	74.00	19.43	100.0	1000.000	155.0	H	332.0	18.7

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

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB)	Raw Rec (dB μ V)	Comment
7499.050000	-19	-10	40	---	07:22:54 - 19.01.2023
11489.900000	-14	-10	42	---	07:24:47 - 19.01.2023
11490.050000	-14	-10	42	---	07:21:00 - 19.01.2023

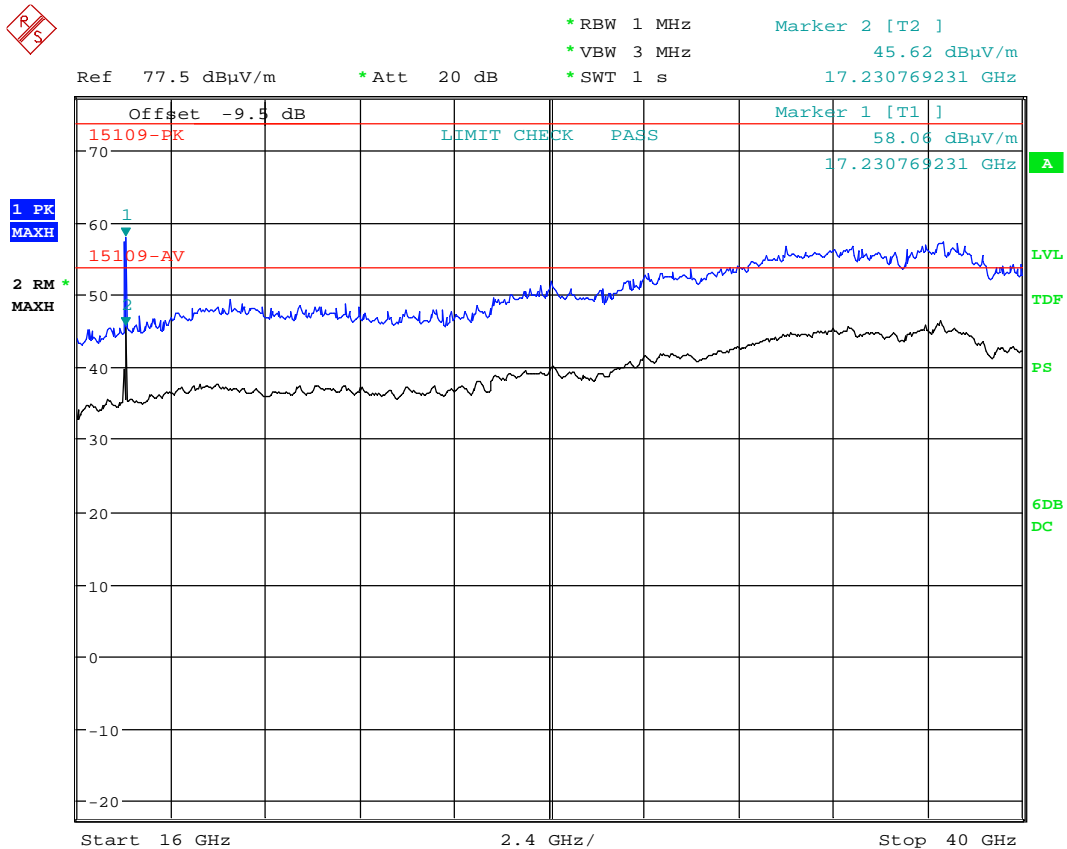
4.04e_a-mode_ch149_standing

Common Information

Test Description: Radiated field strength 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: EMC32 V10.50.0
 Operating Mode: n20-mode | MCS6 | ch157 | internal antenna
 Operator: SOz
 EUT Setup: 1
 Environmental Conditions: Humidity : 35% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01



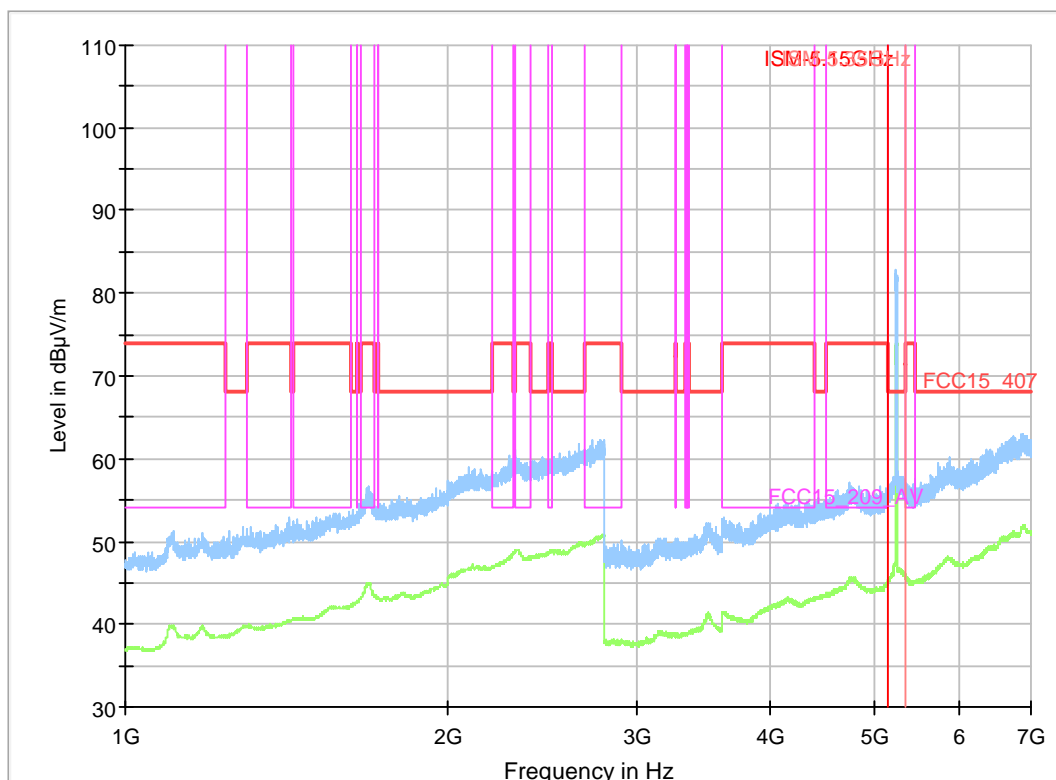
4.05a_ac20-mode_ch048_laying

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:	EMC32 V10.50.0
Operating Mode:	ac20-mode MCS4 ch048 internal antenna
Operator:	SOz
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



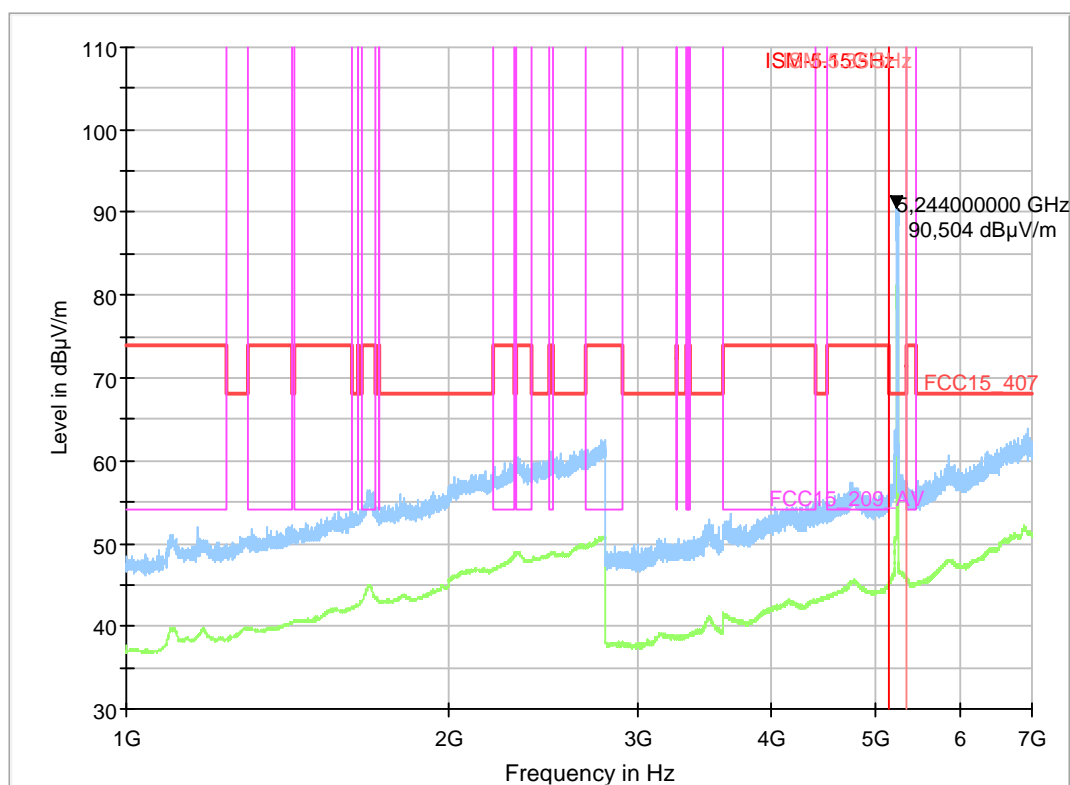
4.05b_ac20-mode_ch048_standing

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
Software Version:	EMC32 V10.50.0
Operating Mode:	ac20-mode MCS4 ch048
Operator:	KTe/Tal
Comment:	Channel no.48
EUT Setup:	1
Environmental Conditions:	Humidity : 39% rH; Temperature: 19 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



4.05c_n20-mode_ch157_laying

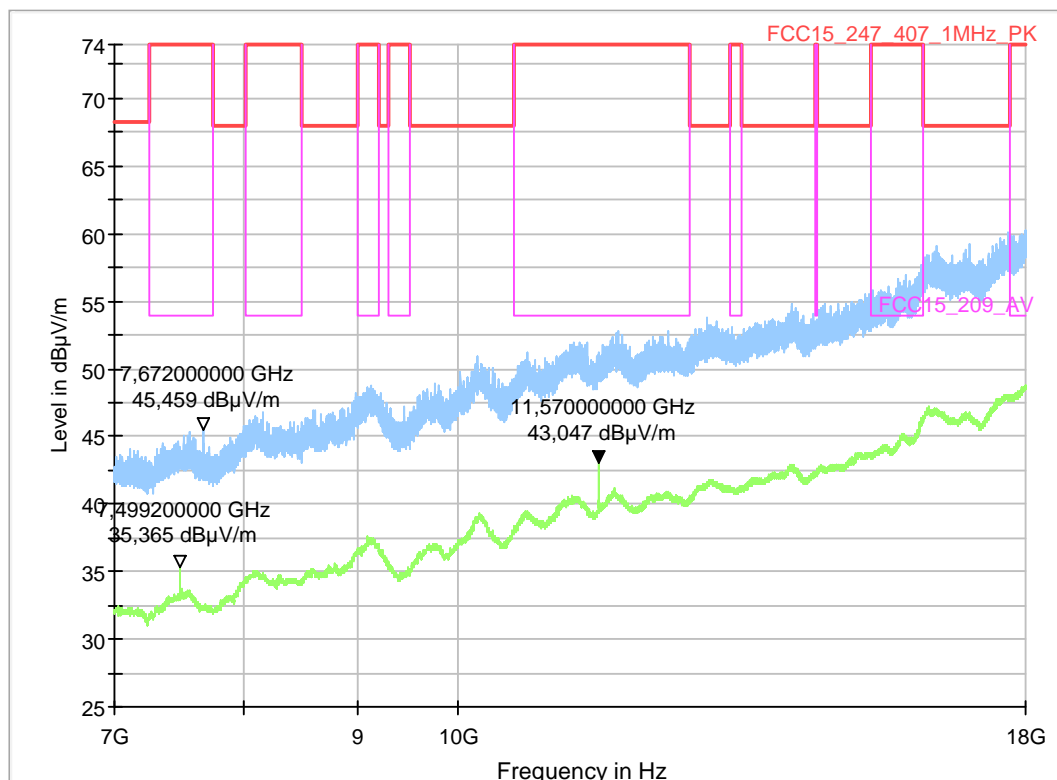
Common Information

Test Description:	Radiated field strength emission in 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:	EMC32 V10.50.0
Operating Mode:	n20-mode MCS6 ch157 internal antenna
Operator:	TFra / SOz
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01

Full Spectrum



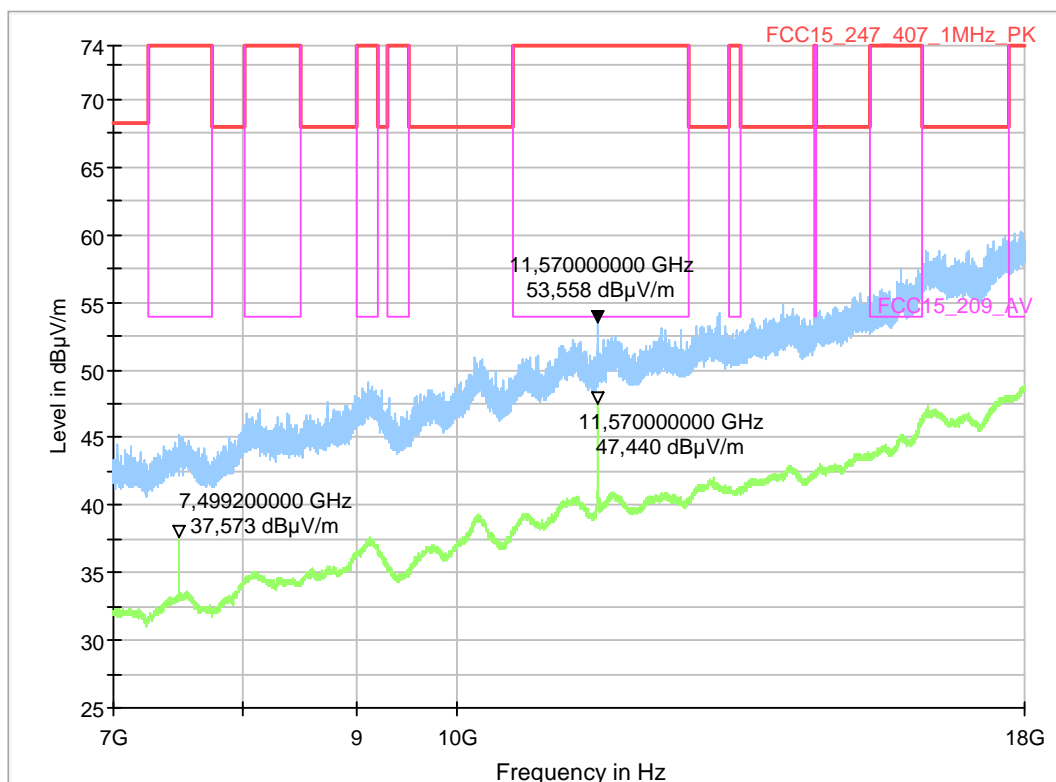
4.05d_n20-mode_ch157_standing

Common Information

Test Description:	Radiated field strength 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:	EMC32 V10.50.0
Operating Mode:	n20-mode MCS6 ch157 internal antenna
Operator:	SOz
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01
Full Spectrum



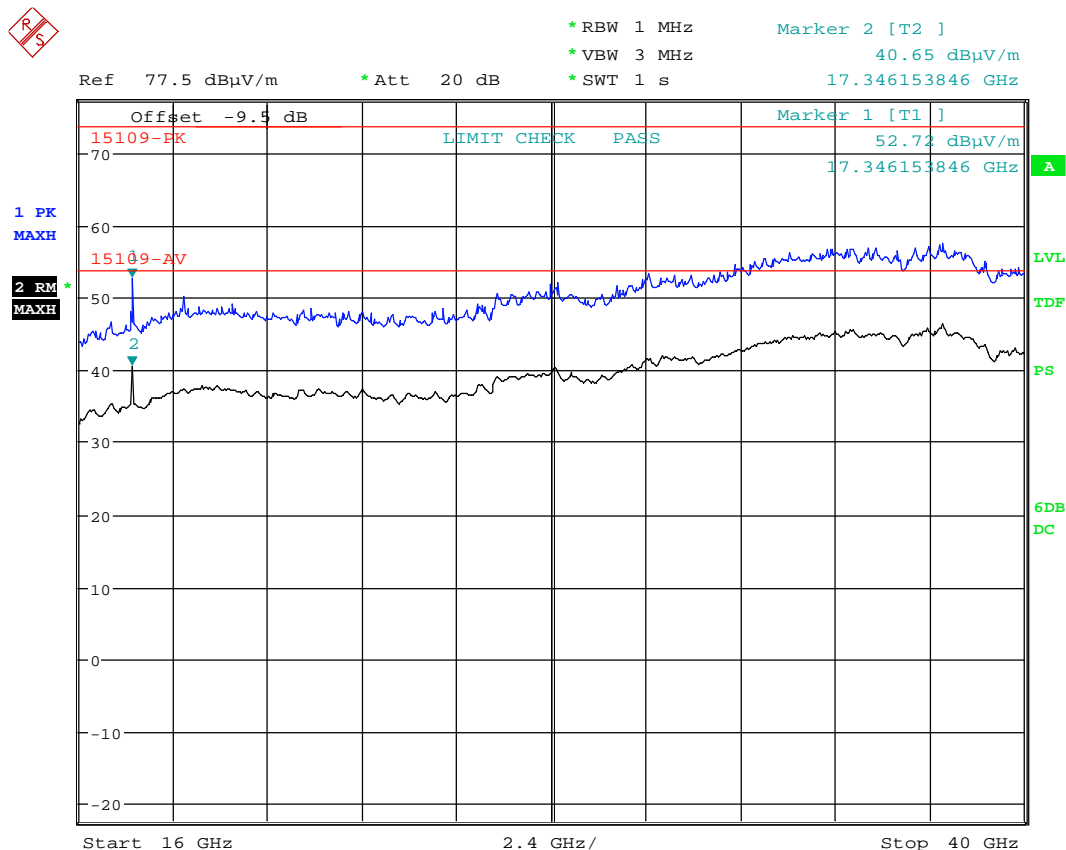
4.05e_n20-mode_ch157_standing

Common Information

Test Description: Radiated field strength 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: EMC32 V10.50.0
Operating Mode: n20-mode | MCS6 | ch157 | internal antenna
Operator: SOz
EUT Setup: 1
Environmental Conditions: Humidity : 35% rH; Temperature: 20 °C
Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01



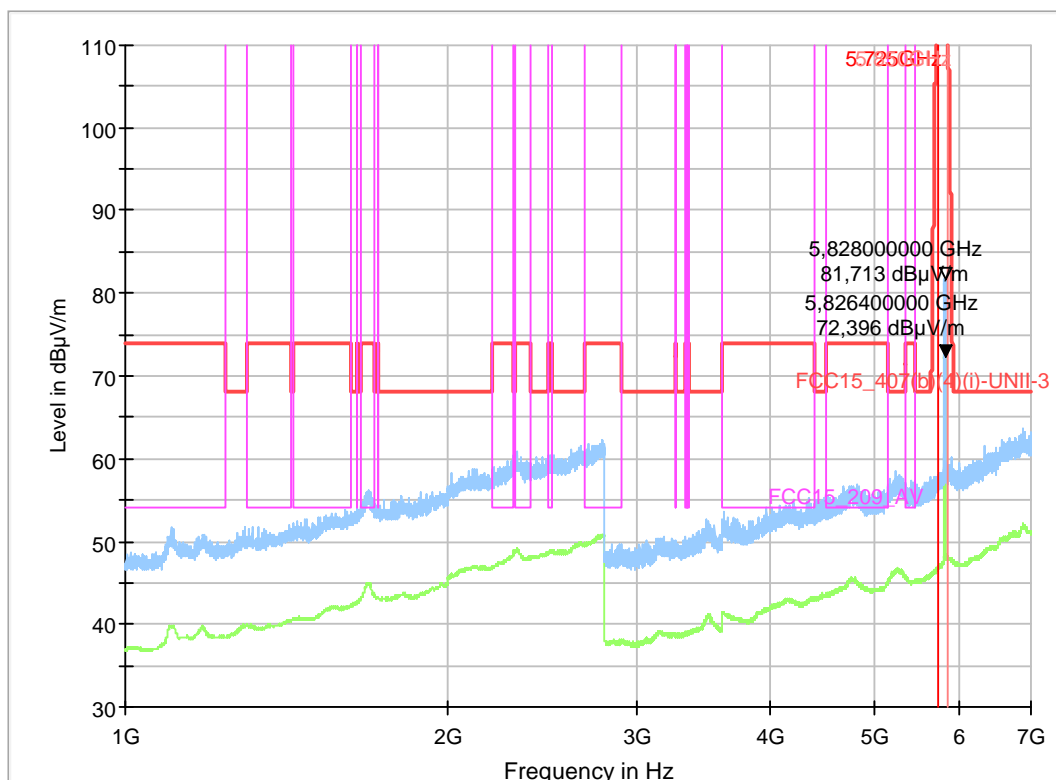
4.06a_ac20-mode_ch165_laying

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:	EMC32 V10.50.0
Operating Mode:	ac20-mode MCS4 ch165 internal antenna
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



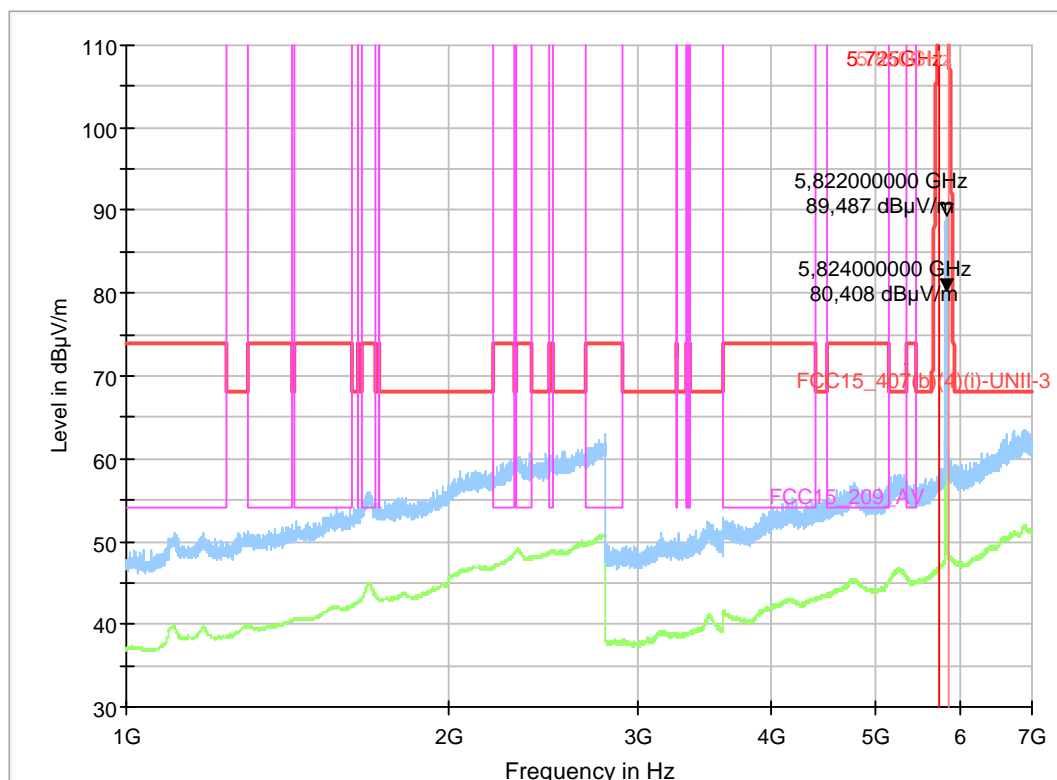
4.06b_ac20-mode_ch165_standing

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:	EMC32 V10.50.0
Operating Mode:	ac20-mode MCS4 ch165
Operator:	KTe/Tal
Comment:	Channel no. 165
EUT Setup:	1
Environmental Conditions:	Humidity : 39% rH; Temperature: 19 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



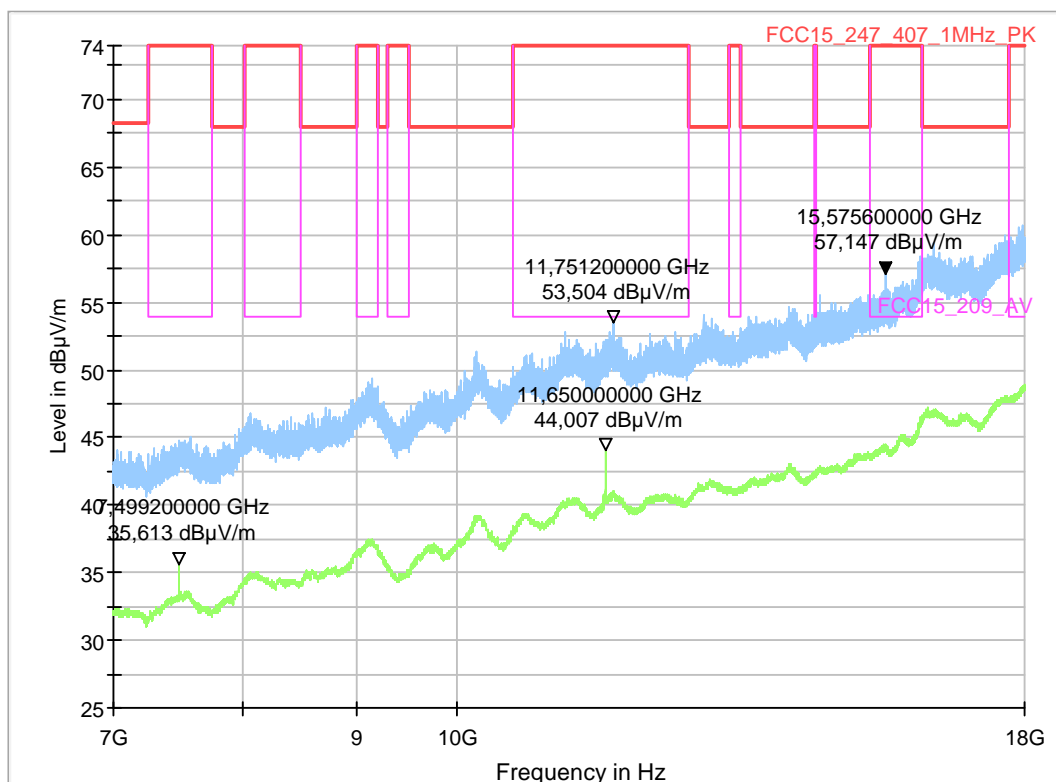
4.06c_ac20-mode_ch165_laying

Common Information

Test Description:	Radiated field strength 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:	EMC32 V10.50.0
Operating Mode:	ac20-mode MCS4 ch165 internal antenna
Operator:	SOz
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01
Full Spectrum



4.06d_ac20-mode_ch165_standing

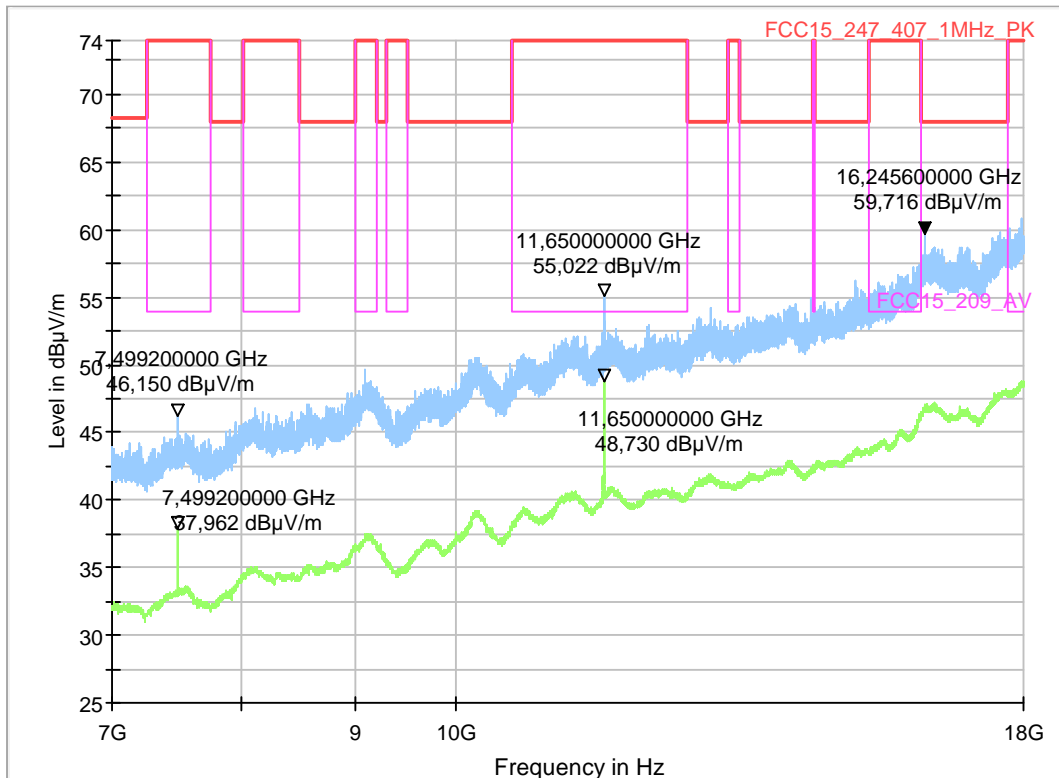
Common Information

Test Description:	Radiated field strength 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:	EMC32 V10.50.0
Operating Mode:	ac20-mode MCS4 ch165 internal antenna
Operator:	SOz
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01

Full Spectrum



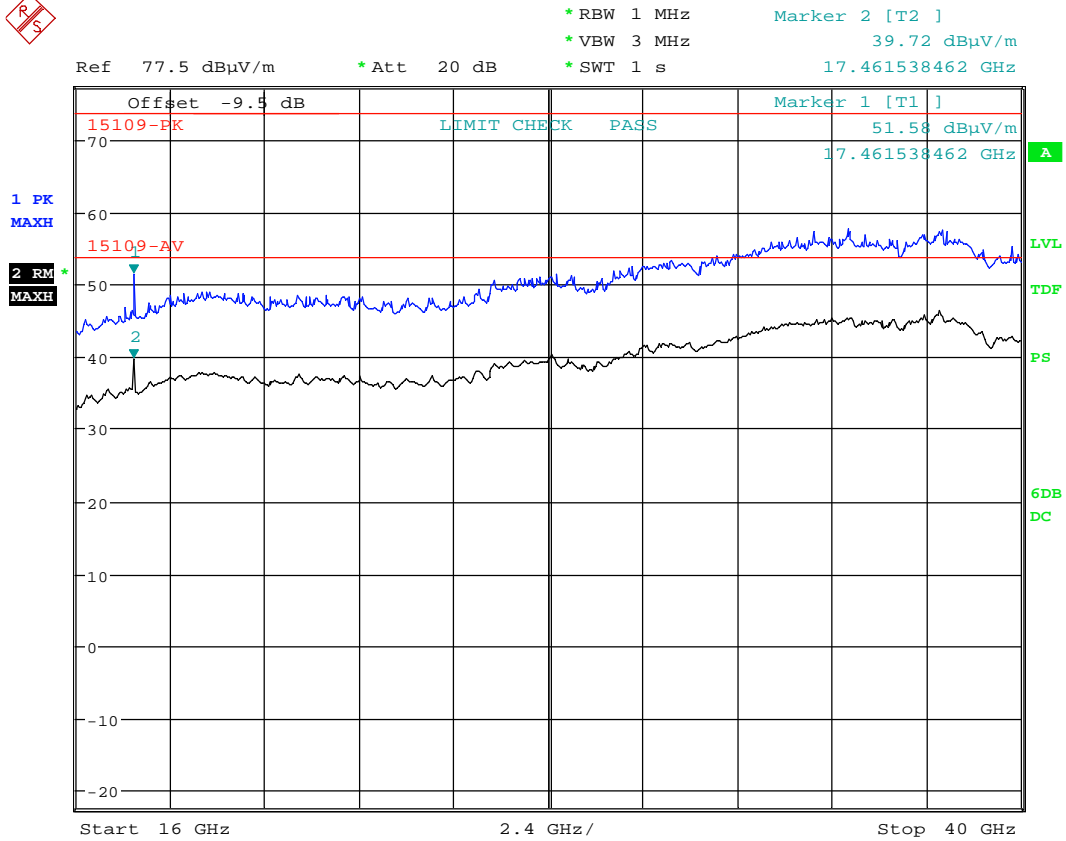
4.06e_ac20-mode_ch165_standing

Common Information

Test Description:	Radiated field strength 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:	EMC32 V10.50.0
Operating Mode:	ac20-mode MCS4 ch165 internal antenna
Operator:	SOz
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01



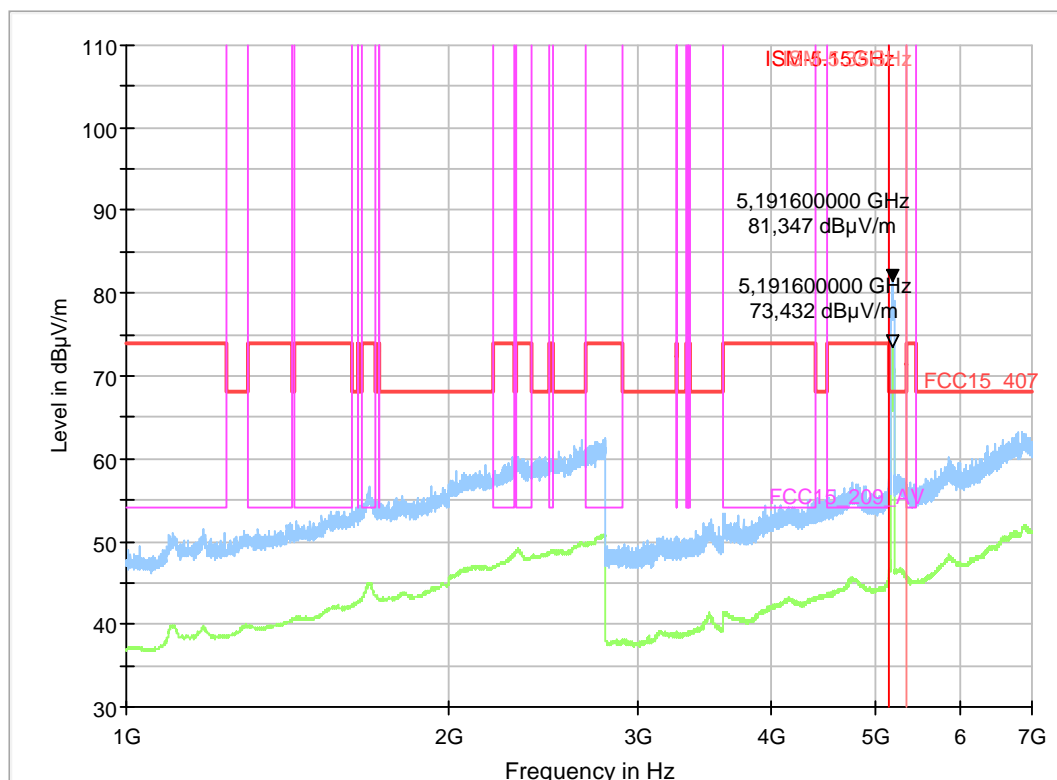
4.07a_n40-mode_ch038_laying

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:	EMC32 V10.50.0
Operating Mode:	n40-mode MCS0 ch038 internal antenna
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



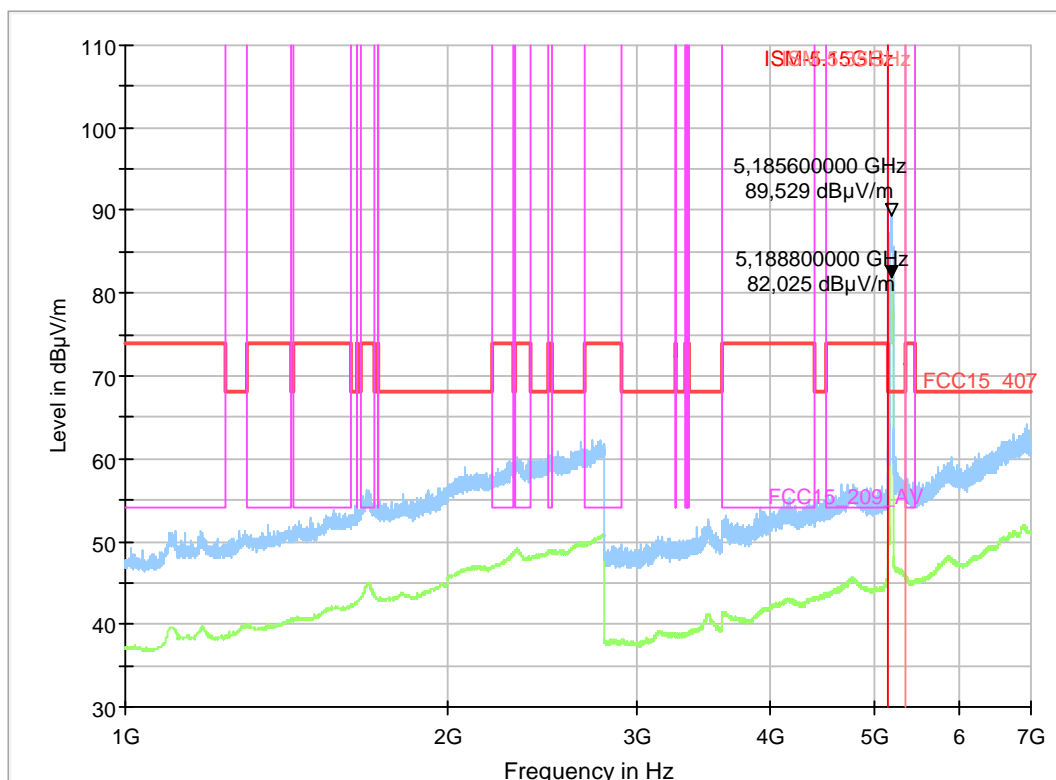
4.07b_n40-mode_ch038_standing

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:	EMC32 V10.50.0
Operating Mode:	n40-mode MCS0 ch038
Operator:	KTe/Tal
Comment:	Channel no. 38
EUT Setup:	1
Environmental Conditions:	Humidity : 39% rH; Temperature: 19 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



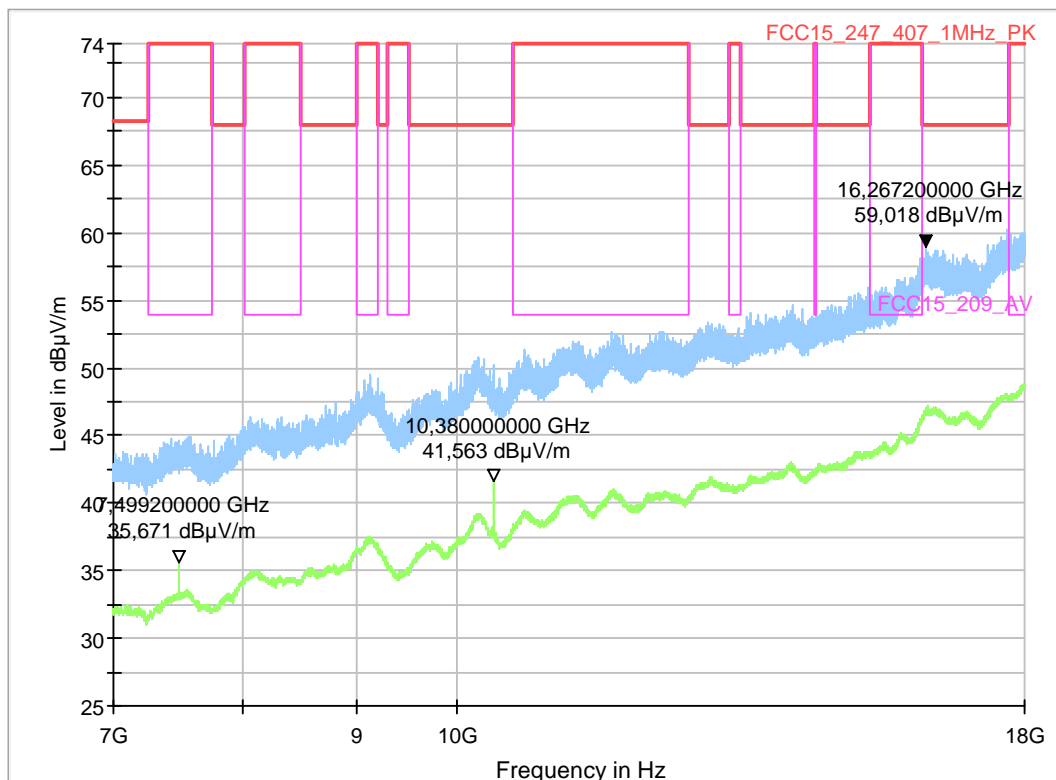
4.07c _n40-mode_ch038_laying

Common Information

Test Description:	Radiated field strength emission in 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:	EMC32 V10.50.0
Operating Mode:	n40-mode MCS0 ch038 internal antenna
Operator:	SOz
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



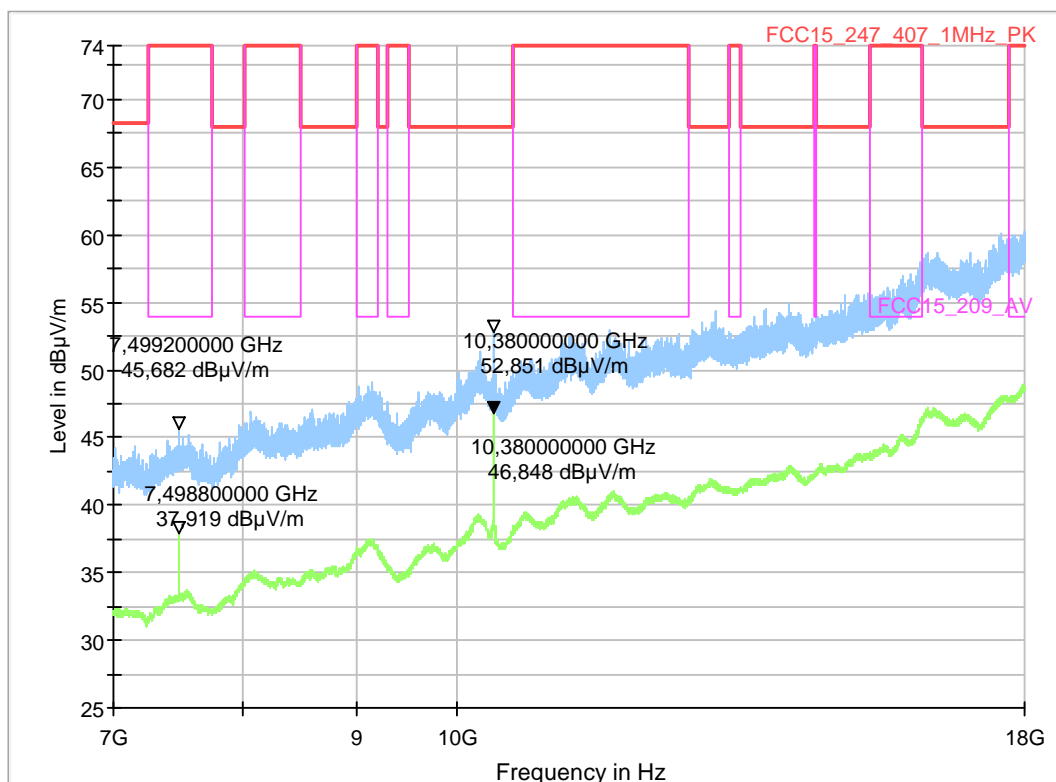
4.07d_n40-mode_ch038_standing

Common Information

Test Description:	Radiated field strength emission in 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:	EMC32 V10.50.0
Operating Mode:	n40-mode MCS0 ch038 internal antenna
Operator:	SOz
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



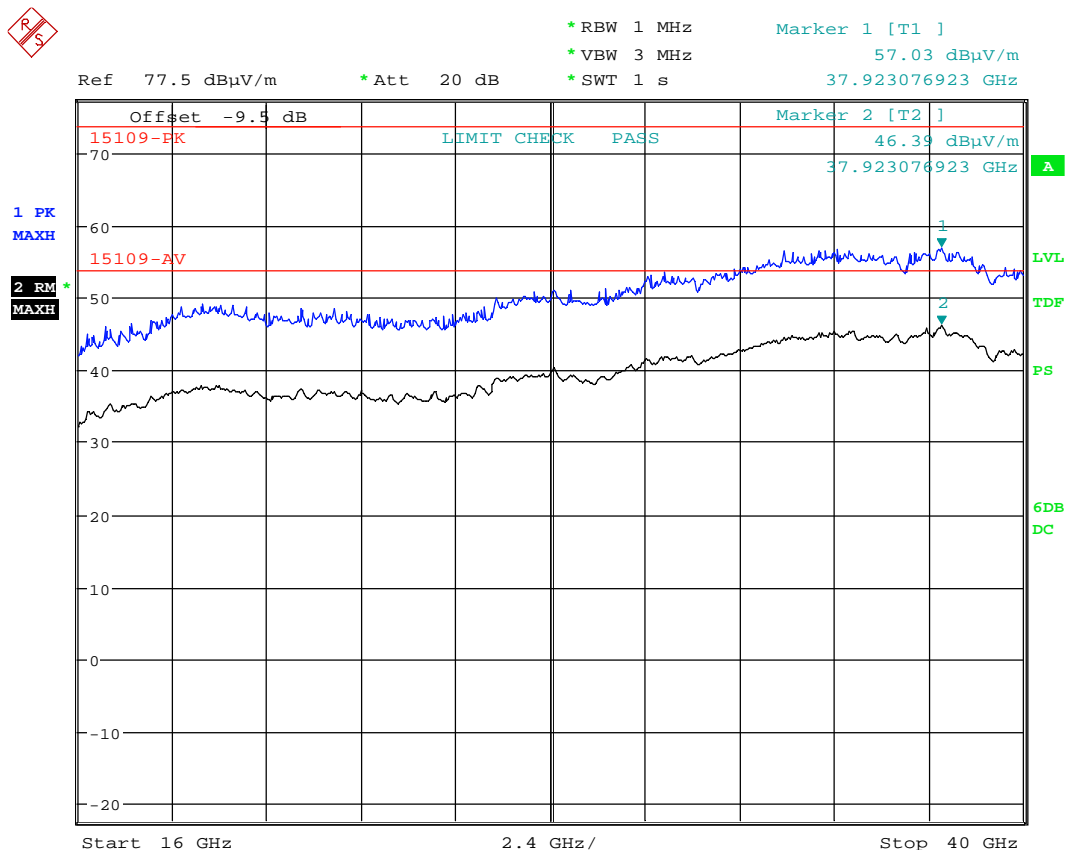
4.07e_n40-mode_ch038

Common Information

Test Description:	Radiated field strength 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:	EMC32 V10.50.0
Operating Mode:	n40-mode MCS0 ch038 internal antenna
Operator:	SOz
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01



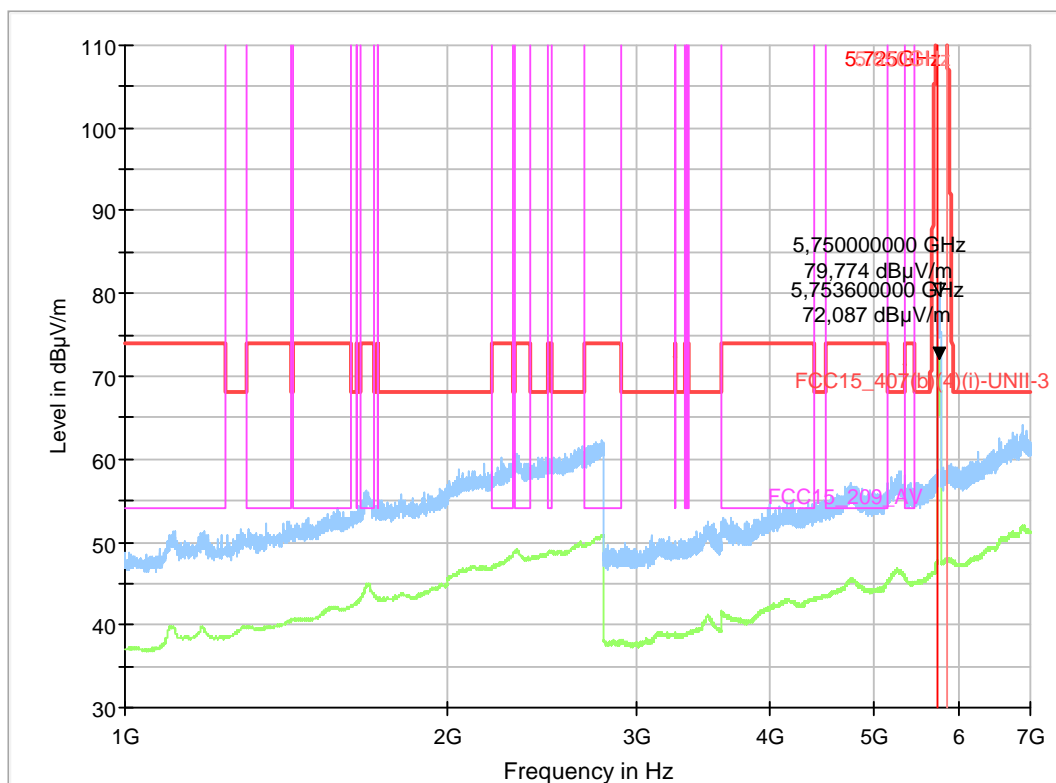
4.08a_n40-mode_ch151_laying

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:	EMC32 V10.50.0
Operating Mode:	n40-mode MCS0 ch151 internal antenna
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



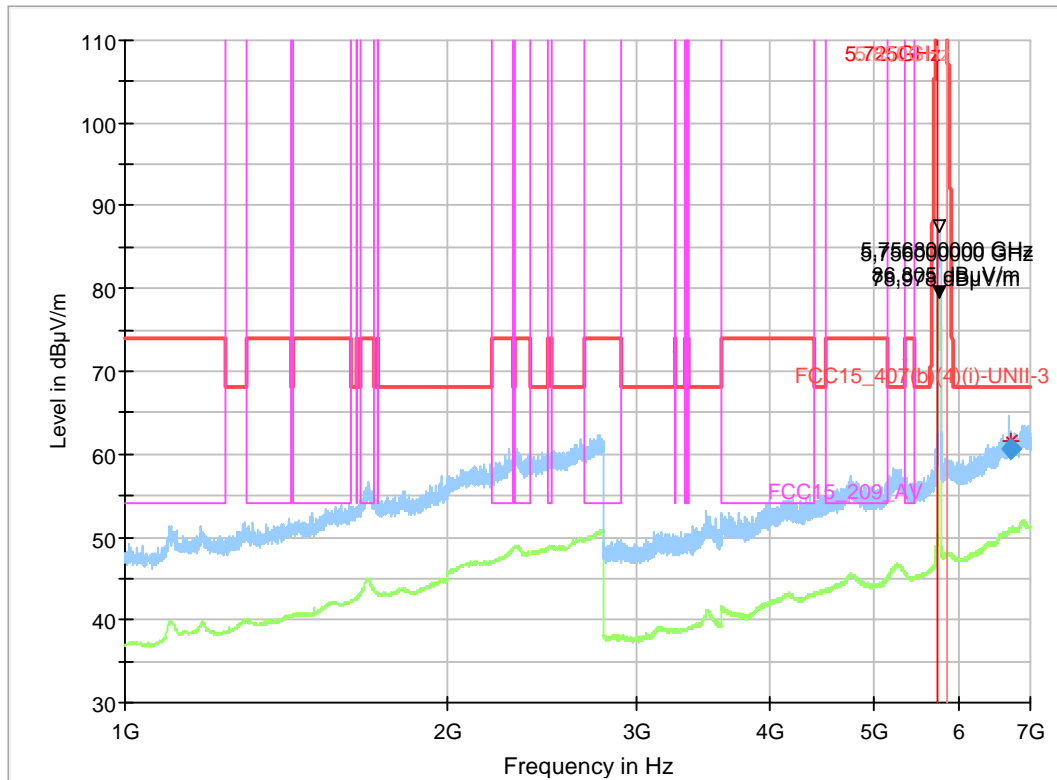
4.08b_n40-mode_ch0151_standing

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: EMC32 V10.50.0
 Operating Mode: n40-mode | MCS0 | ch151
 Operator: KTe/Tal
 Comment: Channel no. 151
 EUT Setup: 1
 Environmental Conditions: Humidity : 39% rH; Temperature: 19 °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)	Elevation (deg)
6718.750000	60.72	---	68.20	7.48	100.0	1000.000	155.0	H	208.0	90.0

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

Frequency (MHz)	Corr. (dB/m)	Comment
6718.750000	22	15:19:00 - 27.01.2023

4.08c_n40-mode_ch151_laying

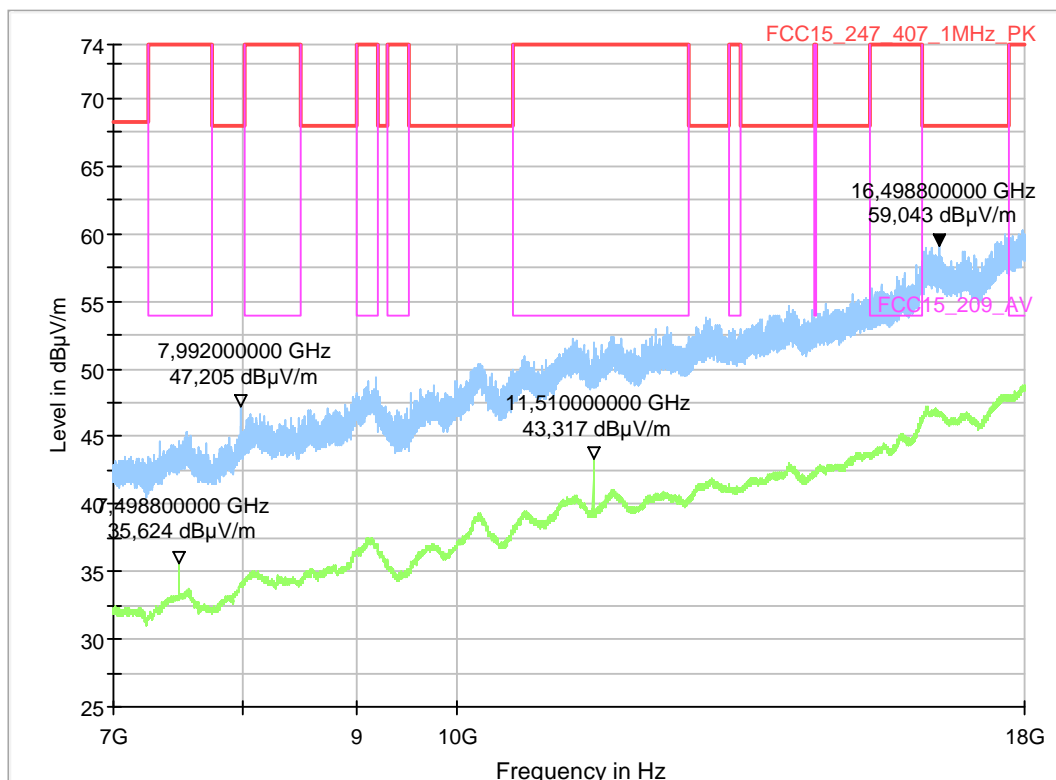
Common Information

Test Description:	Radiated field strength 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:	EMC32 V10.50.0
Operating Mode:	n40-mode MCS0 ch151 internal antenna
Operator:	SOz
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01

Full Spectrum



4.08d_n40-mode_ch151_standing

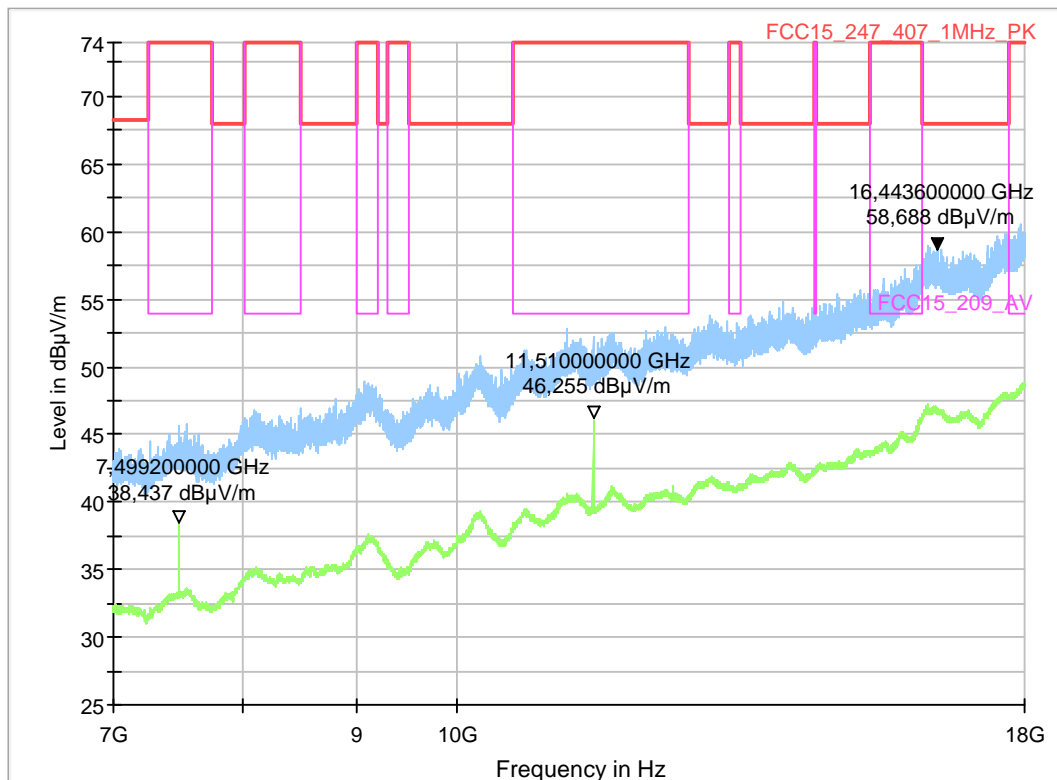
Common Information

Test Description:	Radiated field strength 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:	EMC32 V10.50.0
Operating Mode:	n40-mode MCS0 ch151 internal antenna
Operator:	SOz
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01

Full Spectrum



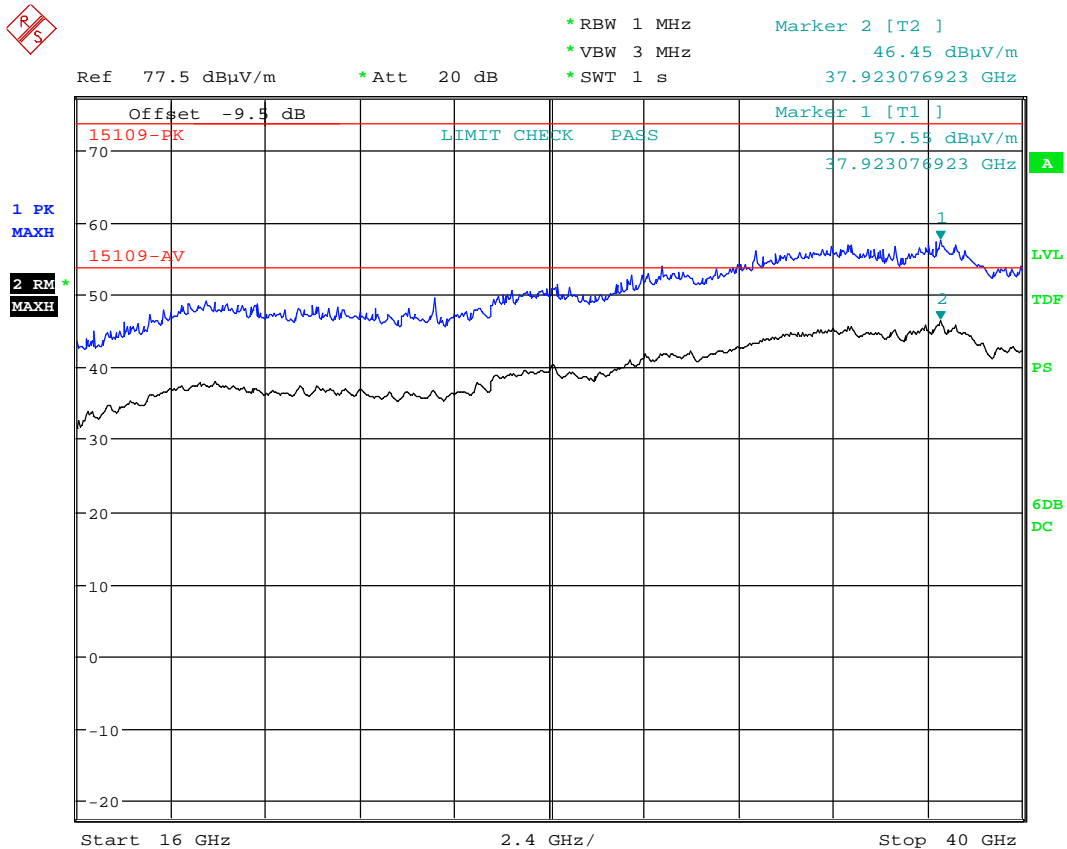
4.08e_n40-mode_ch151

Common Information

Test Description: Radiated field strength 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: EMC32 V10.50.0
 Operating Mode: n40-mode | MCS0 | ch151 | internal antenna
 Operator: SOz
 EUT Setup: 1
 Environmental Conditions: Humidity : 35% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01



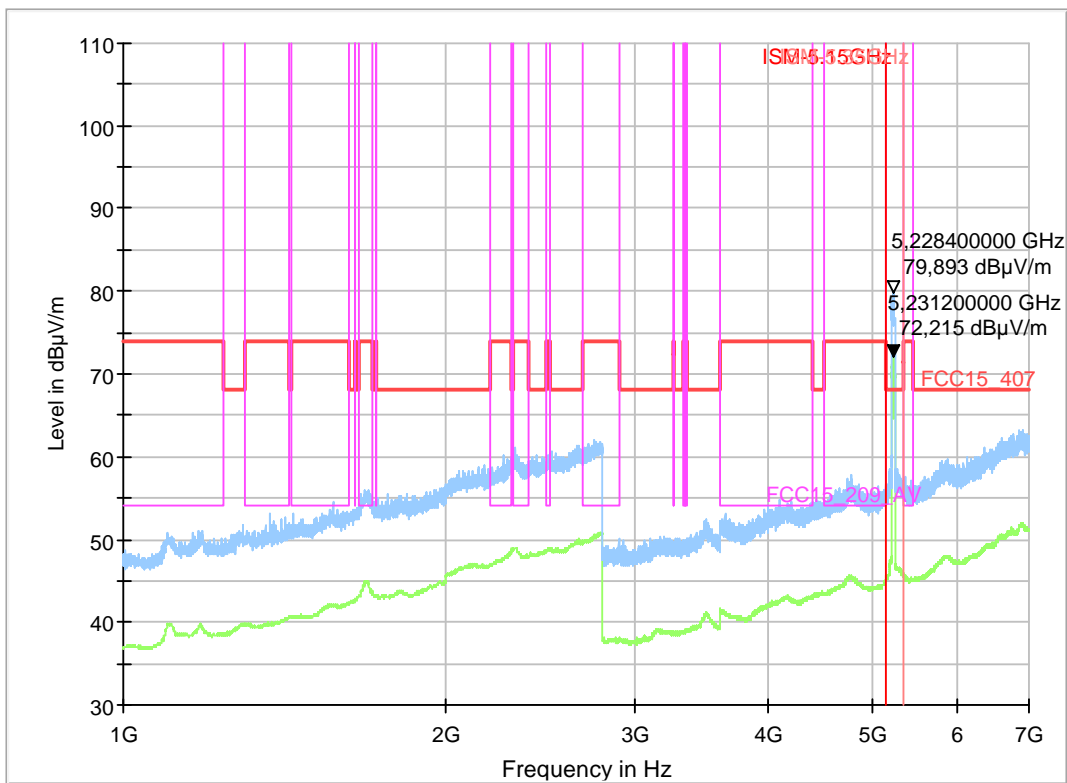
4.09a_ac40-mode_ch046_laying

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:	EMC32 V10.50.0
Operating Mode:	ac40-mode MCS0 ch046 internal antenna
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



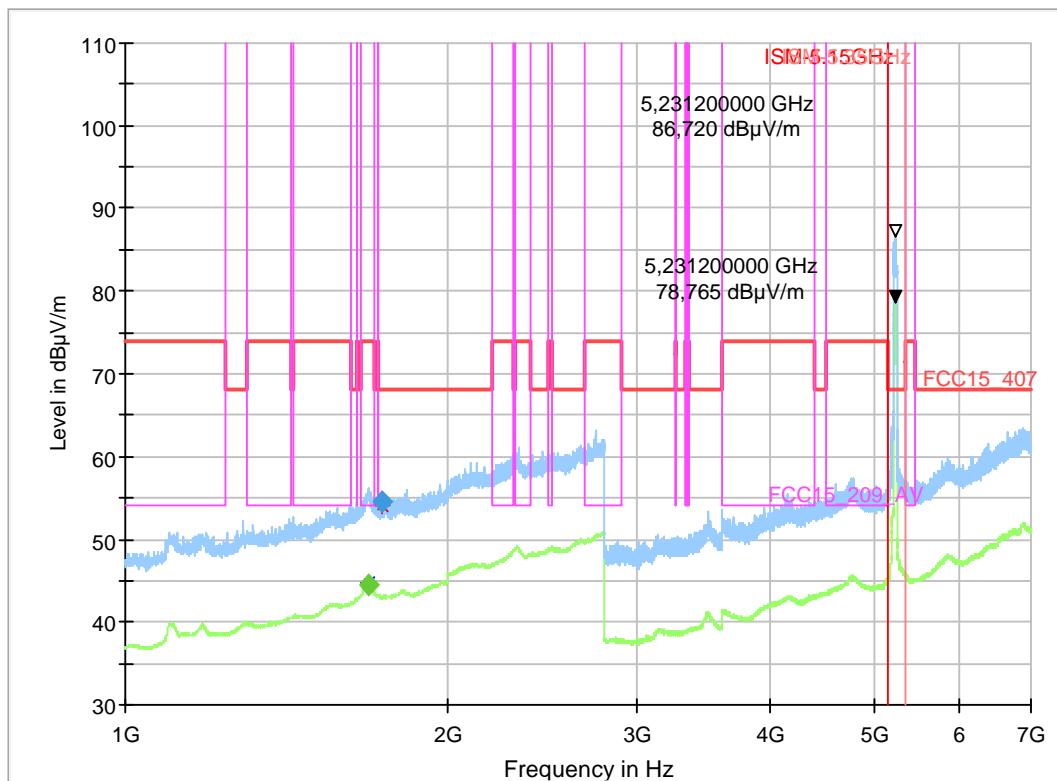
4.09b_ac40-mode_ch046_standing

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: EMC32 V10.50.0
 Operating Mode: ac40-mode | MCS0 | ch046
 Operator: TFra
 Comment: -
 EUT Setup: 1
 Environmental Conditions: Humidity : 44% 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)	Elevation (deg)
1689.100000	---	44.59	54.00	9.41	100.0	1000.000	155.0	H	113.0	90.0
1738.600000	54.53	---	68.20	13.67	100.0	1000.000	155.0	V	158.0	90.0

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

Frequency (MHz)	Corr. (dB/m)	Comment
1689.100000	41	02:55:43 - 27.01.2023
1738.600000	39	02:53:23 - 27.01.2023

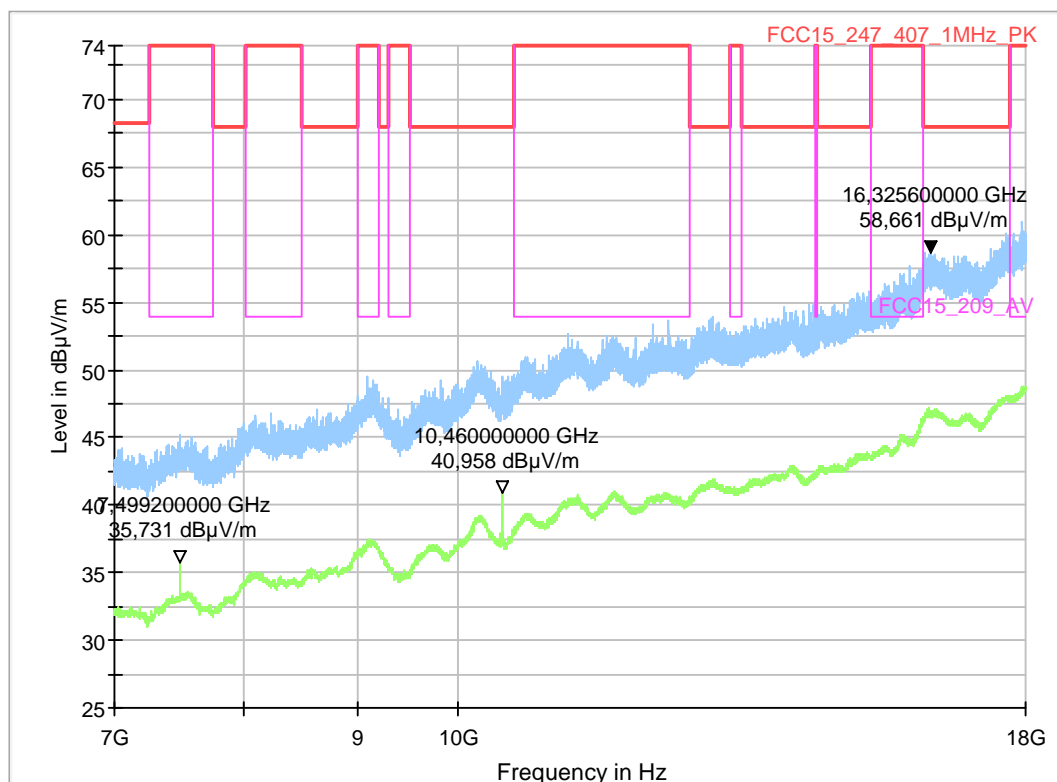
4.09c_ac40-mode_ch046_laying

Common Information

Test Description:	Radiated field strength 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:	EMC32 V10.50.0
Operating Mode:	ac40-mode MCS0 ch046 internal antenna
Operator:	SOz
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



4.09d_ac40-mode_ch046_standing

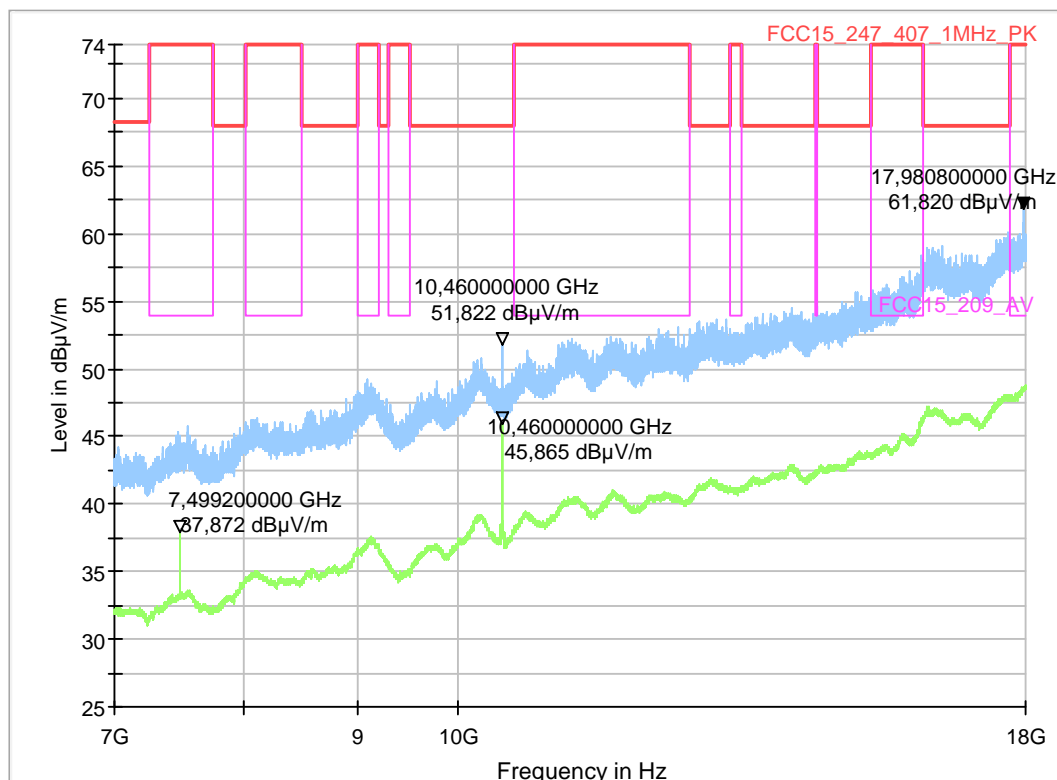
Common Information

Test Description:	Radiated field strength 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:	EMC32 V10.50.0
Operating Mode:	ac40-mode MCS0 ch046 internal antenna
Operator:	SOz
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01

Full Spectrum



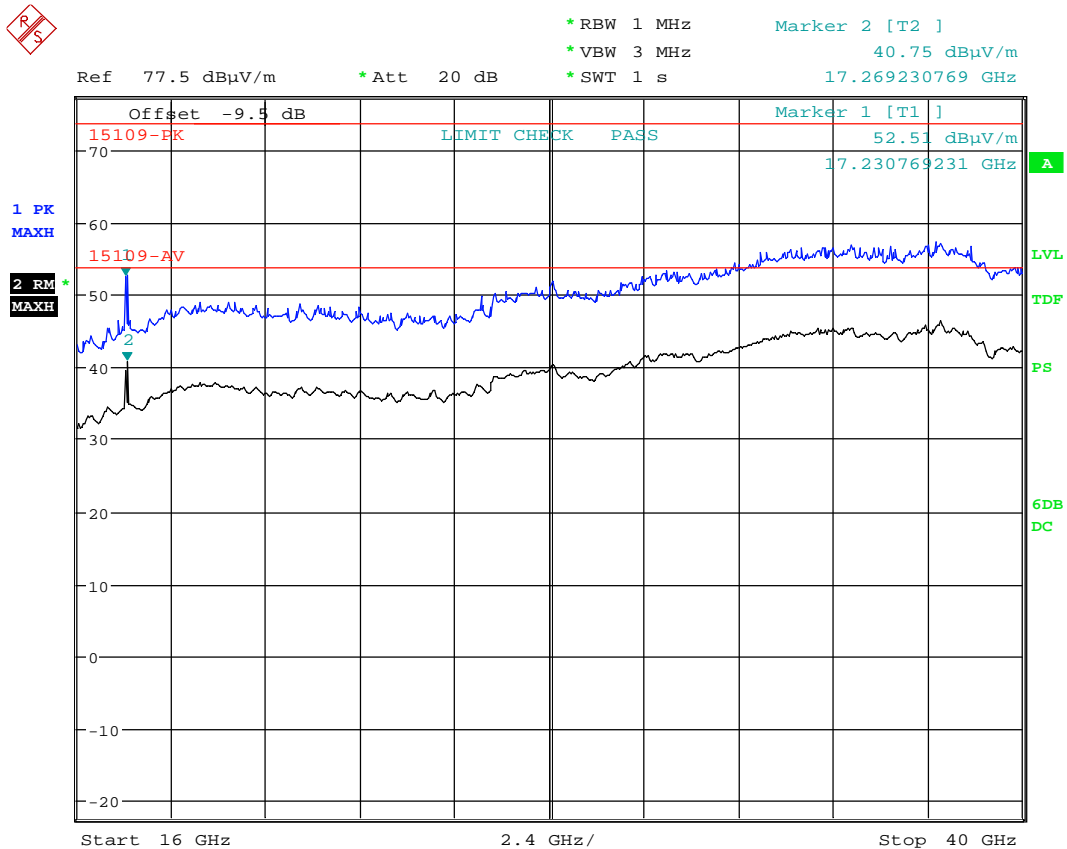
4.09e_ac40-mode_ch046

Common Information

Test Description: Radiated field strength 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: EMC32 V10.50.0
 Operating Mode: ac40-mode | MCS0 | ch046 | internal antenna
 Operator: SOz
 EUT Setup: 1
 Environmental Conditions: Humidity : 35% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01



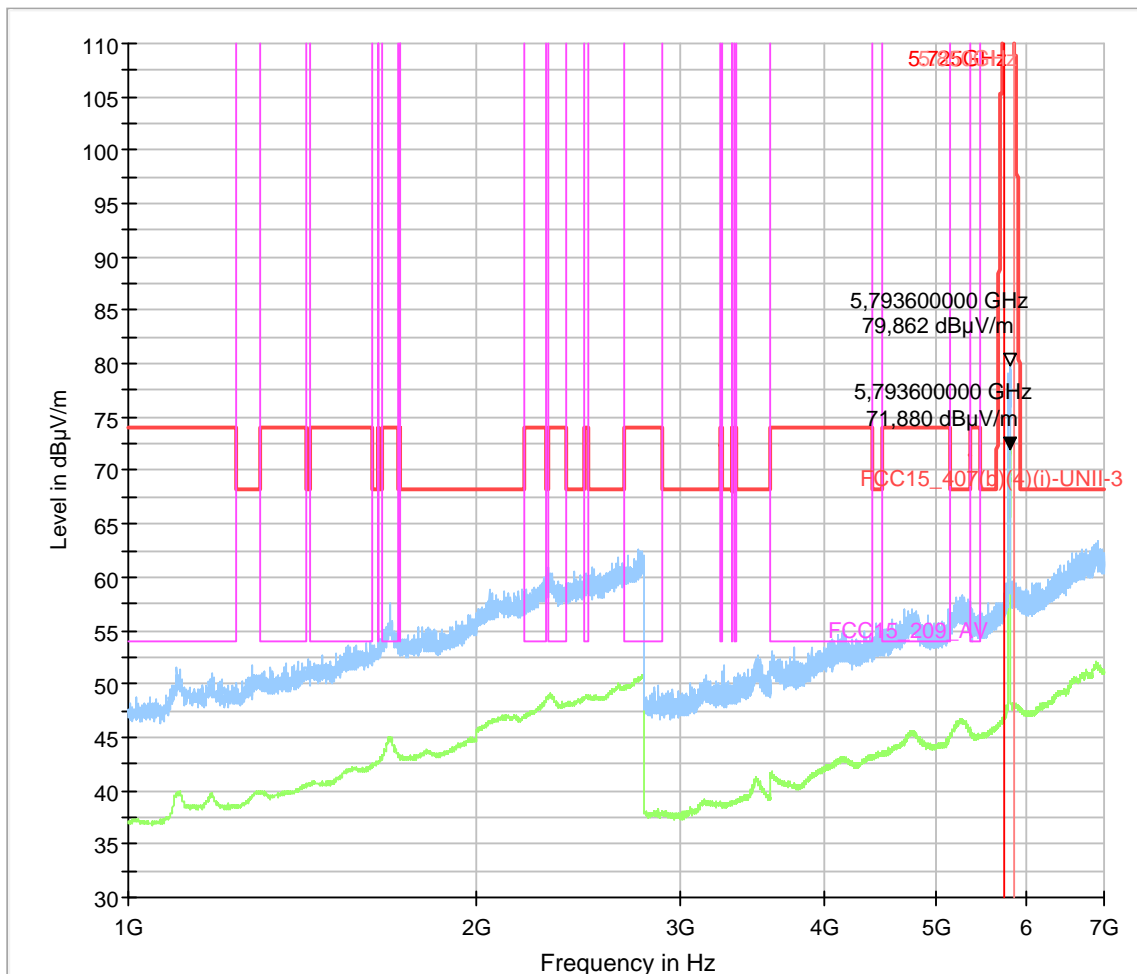
4.10a_ac40-mode_ch159_laying

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:	EMC32 V10.50.0
Operating Mode:	ac40-mode MCS0 ch159 internal antenna
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



4.10b_ac40-mode_ch159_standing

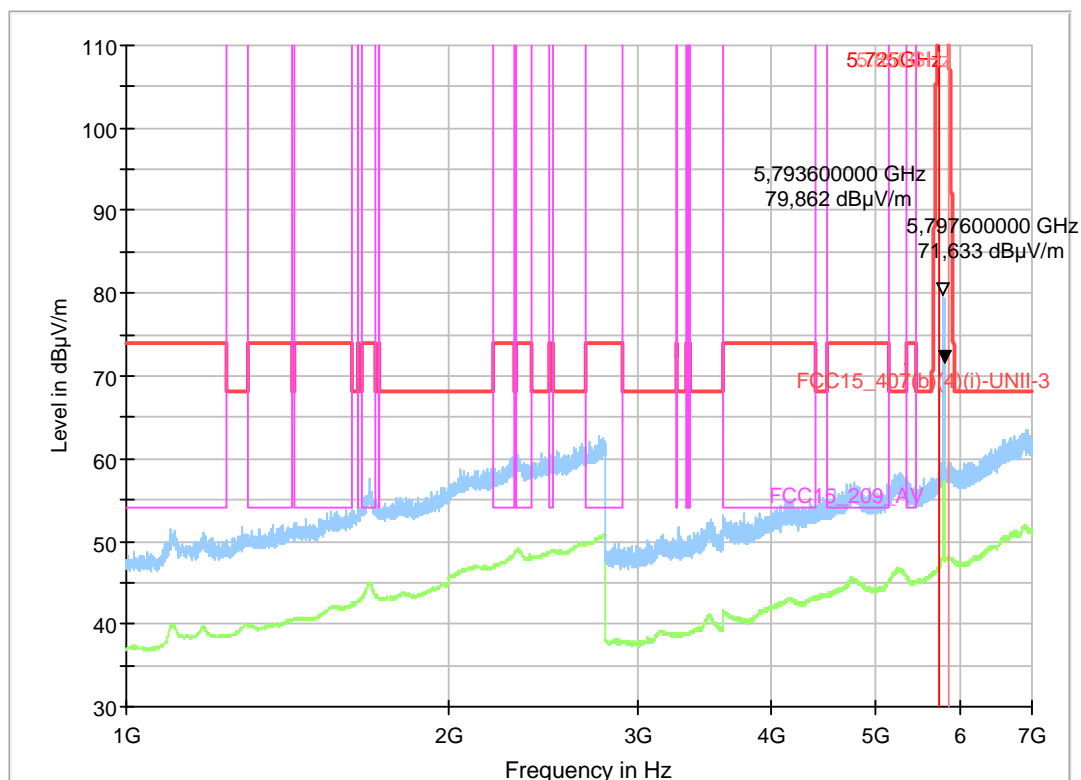
Common Information

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:	EMC32 V10.50.0
Operating Mode:	ac40-mode MCS0 ch159
Operator:	Asa
EUT Setup:	-
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr: 22-1-01312S50_C01

Full Spectrum



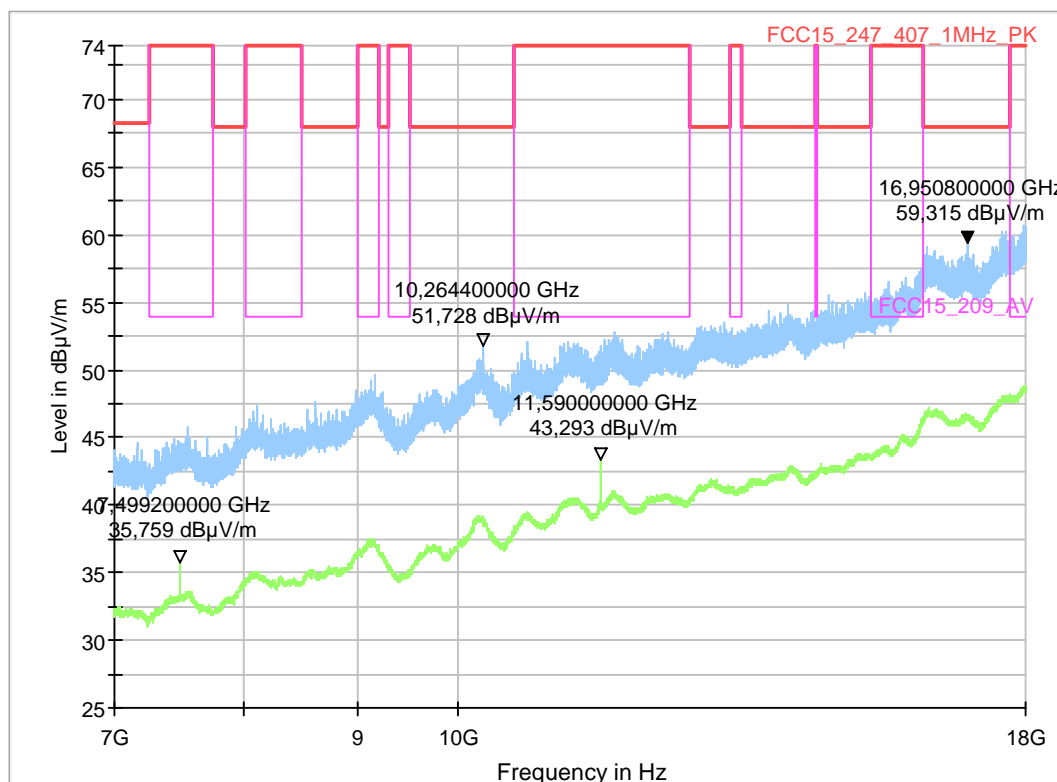
4.10c_ac40-mode_ch159_laying

Common Information

Test Description:	Radiated field strength 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:	EMC32 V10.50.0
Operating Mode:	ac40-mode MCS0 ch159 internal antenna
Operator:	SOz
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



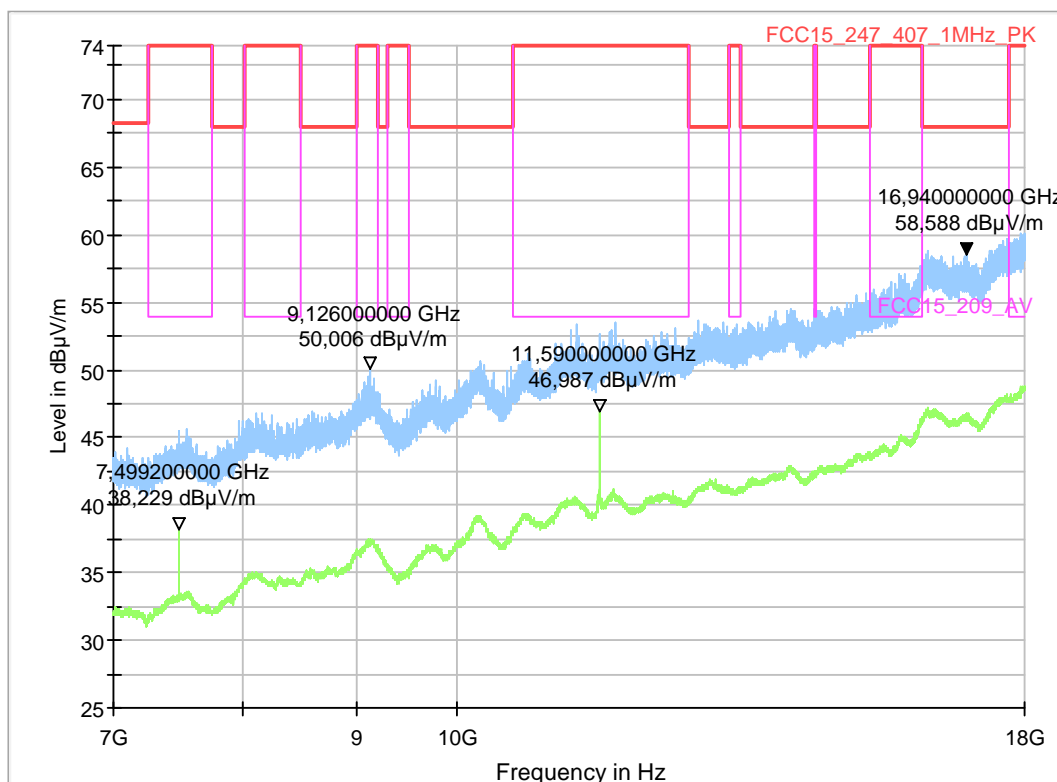
4.10d_ac40-mode_ch159_standing

Common Information

Test Description:	Radiated field strength 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:	EMC32 V10.50.0
Operating Mode:	ac40-mode MCS0 ch159 internal antenna
Operator:	SOz
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



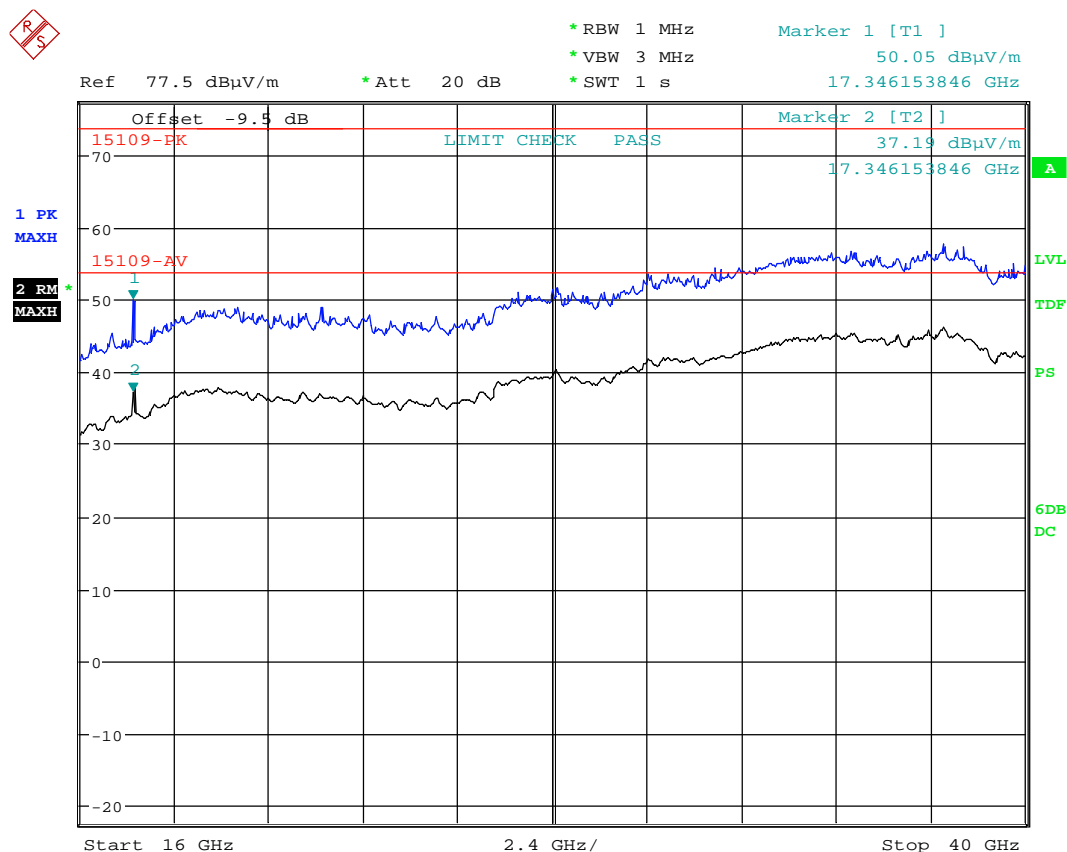
4.10e_ac40-mode_ch159

Common Information

Test Description: Radiated field strength 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: EMC32 V10.50.0
 Operating Mode: ac40-mode | MCS0 | ch159 | internal antenna
 Operator: SOz
 EUT Setup: 1
 Environmental Conditions: Humidity : 35% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01



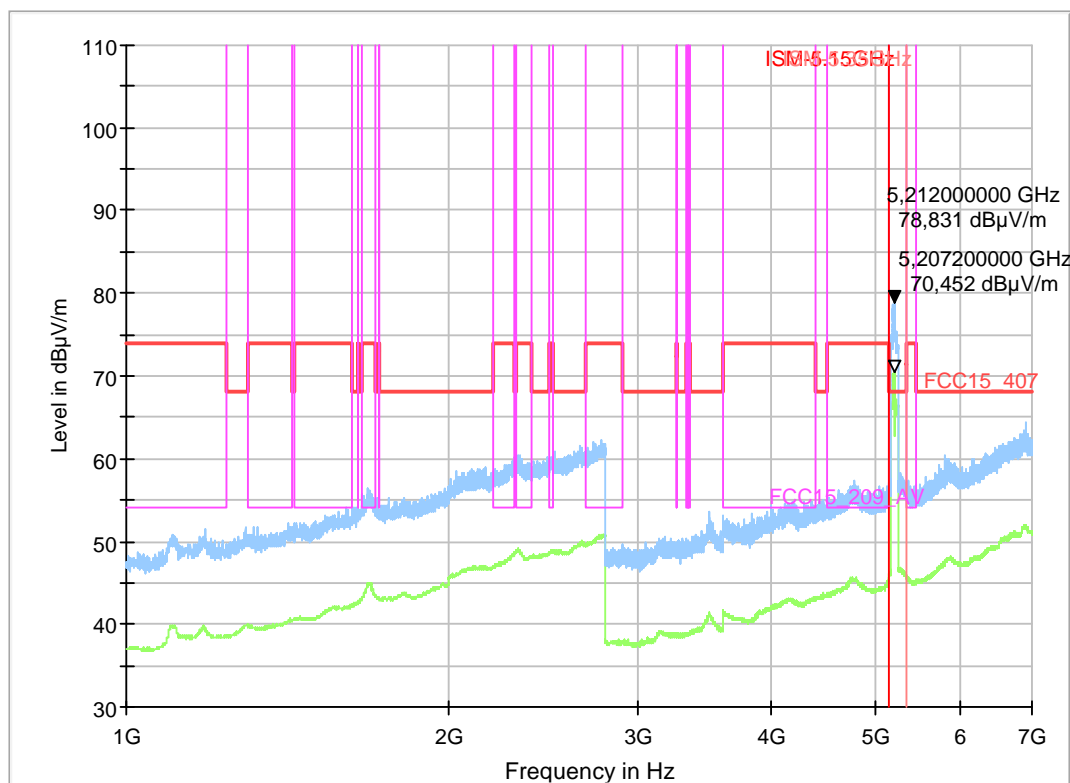
4.11a_ac80-mode_ch042_laying

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:	EMC32 V10.50.0
Operating Mode:	ac80-mode MCS0 ch042 internal antenna
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



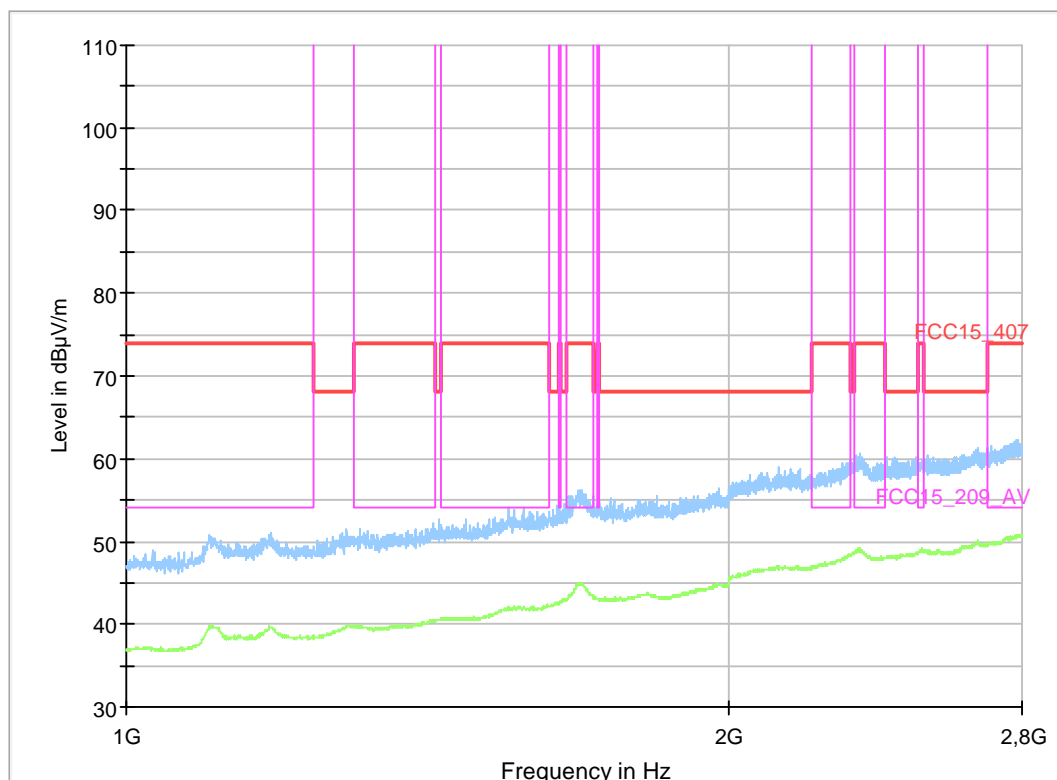
4.11b1_ac80-mode_ch042_standing

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:	EMC32 V10.50.0
Operating Mode:	ac80-mode MCS0 ch042 internal antenna
Operator:	SOz/KTe
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



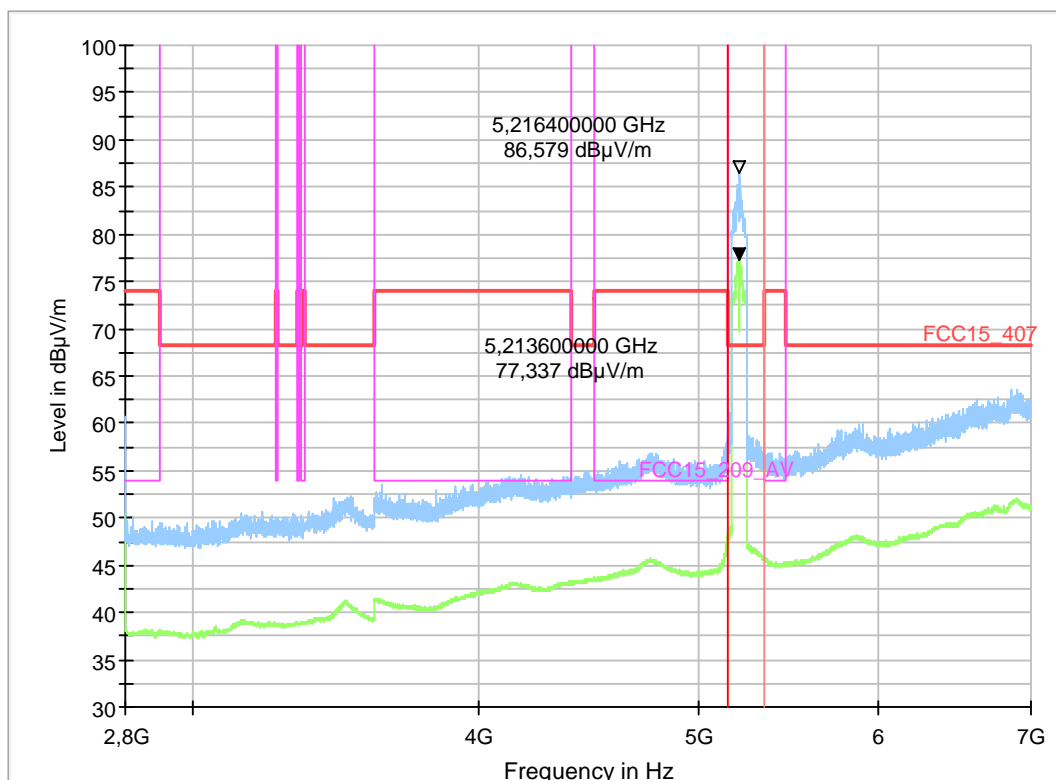
4.11b2_ac80-mode_ch042_standing

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:	EMC32 V10.50.0
Operating Mode:	ac80-mode MCS0 ch042 internal antenna
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



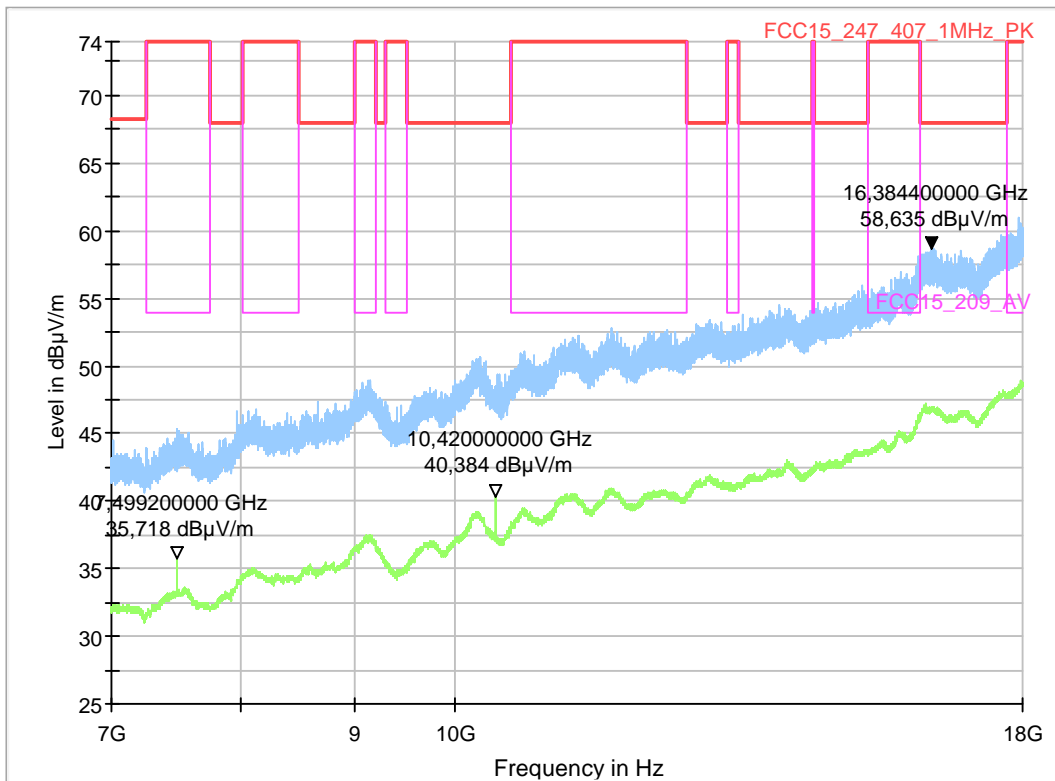
4.11c_ac80-mode_ch042_laying

Common Information

Test Description:	Radiated field strength emission in 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:	EMC32 V10.50.0
Operating Mode:	ac80-mode MCS0 ch042 internal antenna
Operator:	SOz
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01
Full Spectrum



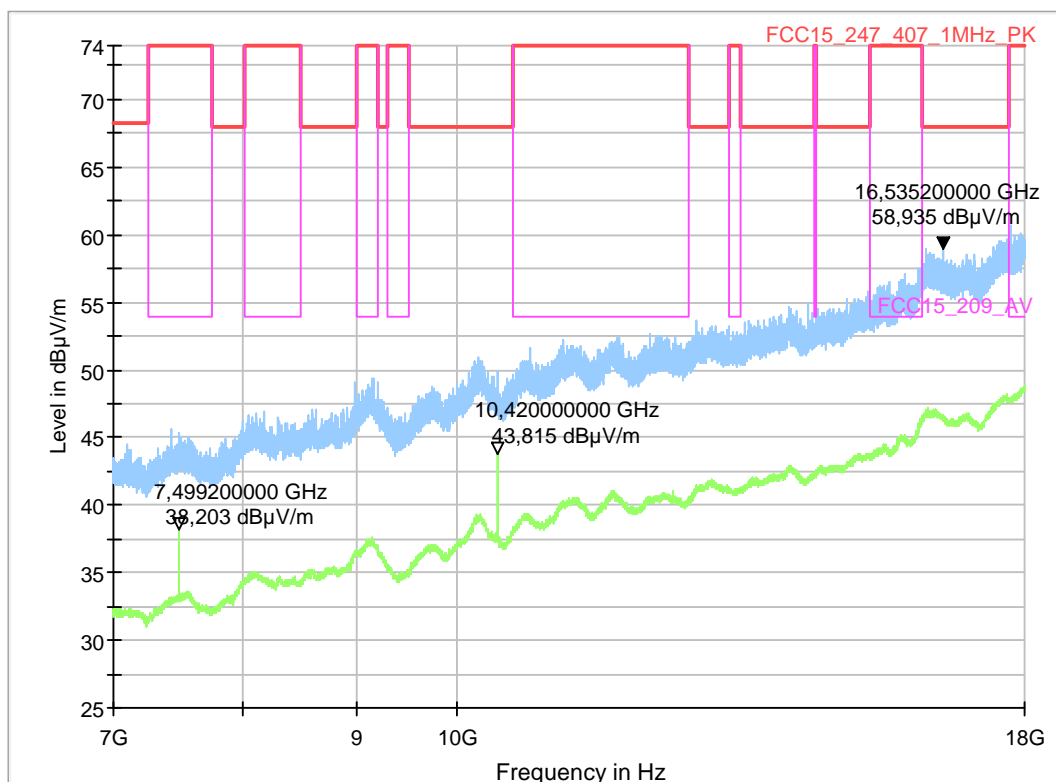
4.11d_ac80-mode_ch042_standing

Common Information

Test Description:	Radiated field strength 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:	EMC32 V10.50.0
Operating Mode:	ac80-mode MCS0 ch042 internal antenna
Operator:	SOz
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01
Full Spectrum



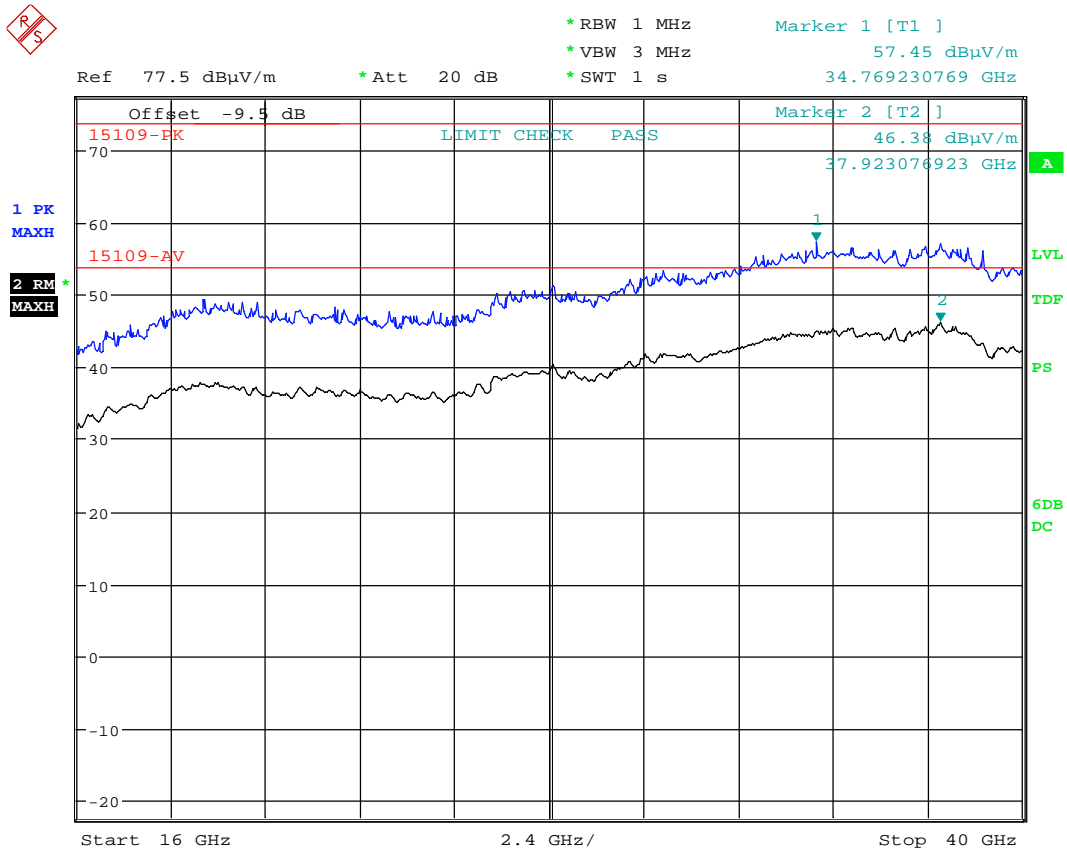
4.11e_ac80-mode_ch042

Common Information

Test Description: Radiated field strength 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: EMC32 V10.50.0
Operating Mode: ac80-mode | MCS0 | ch042 | internal antenna
Operator: SOz
EUT Setup: 1
Environmental Conditions: Humidity : 35% rH; Temperature: 20 °C
Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01



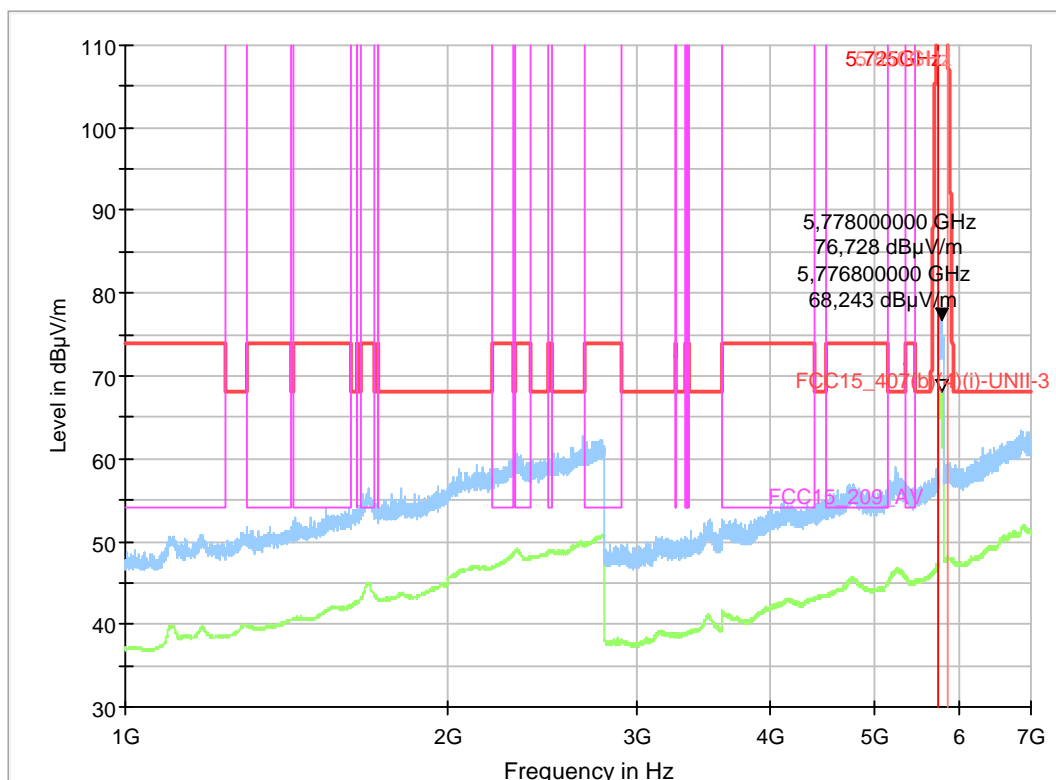
4.12a_ac80-mode_ch155_laying

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:	EMC32 V10.50.0
Operating Mode:	ac80-mode MCS0 ch155 internal antenna
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



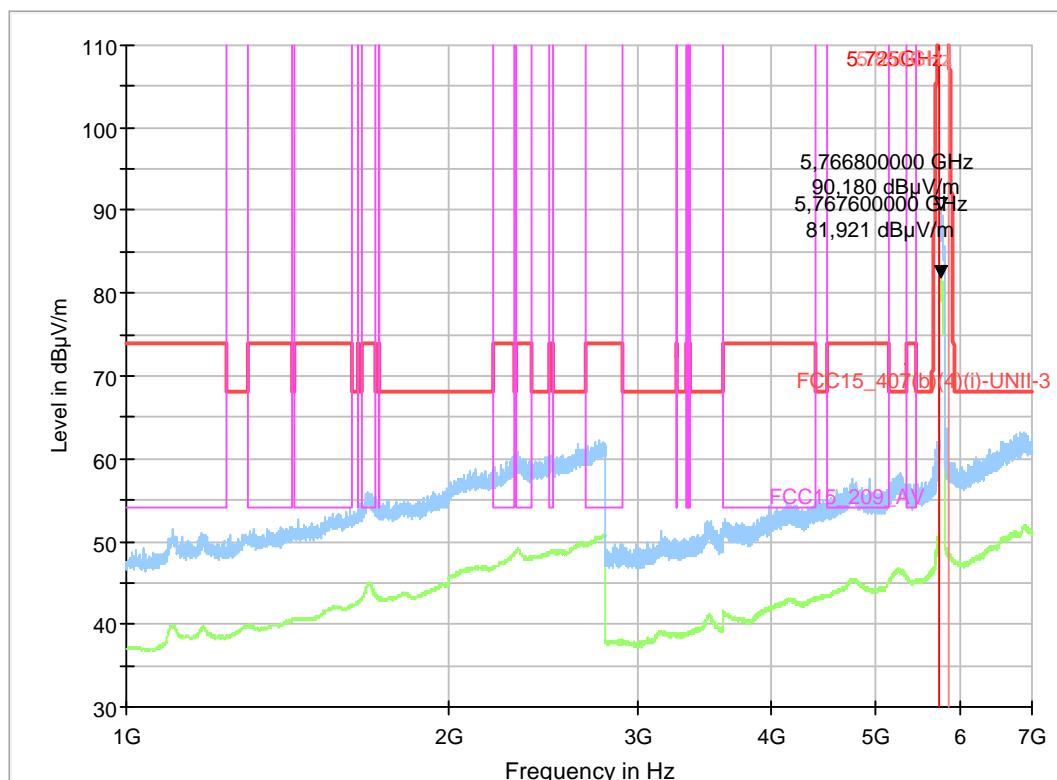
4.12b_ac80-mode_ch155_standing

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:	EMC32 V10.50.0
Operating Mode:	ac80-mode MCS0 ch155 internal antenna
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



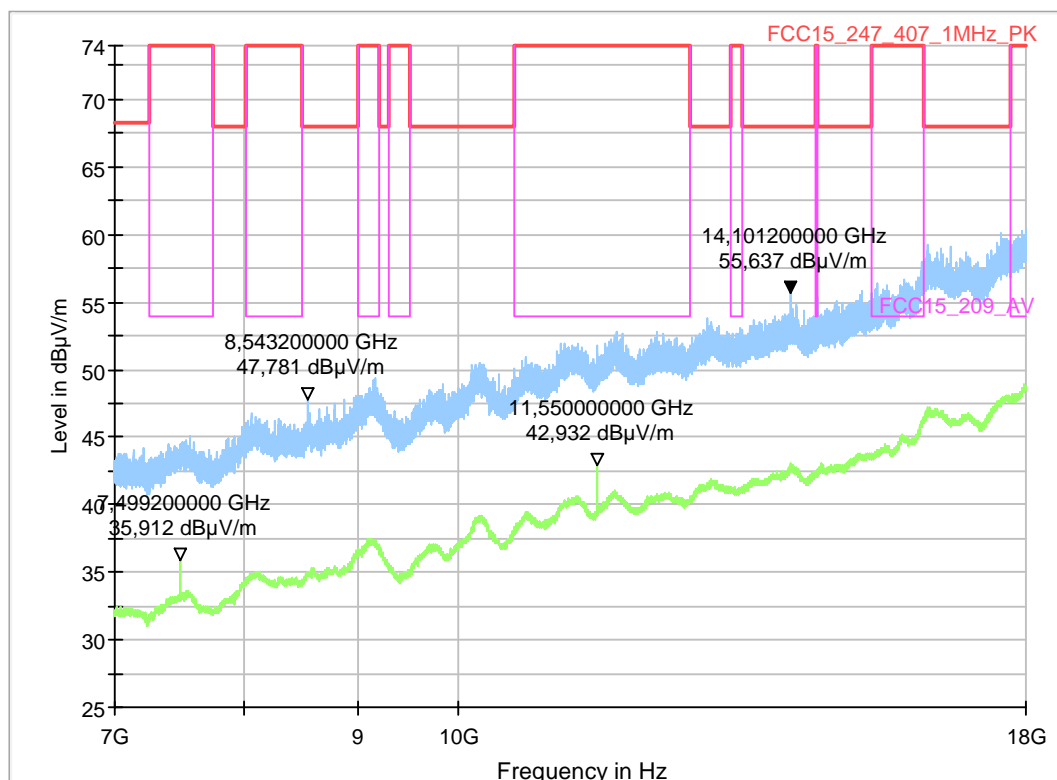
4.12c_ac80-mode_ch155_laying

Common Information

Test Description:	Radiated field strength emission in 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:	EMC32 V10.50.0
Operating Mode:	ac80-mode MCS0 ch155 internal antenna
Operator:	SOz
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-01787S50_C01
Full Spectrum



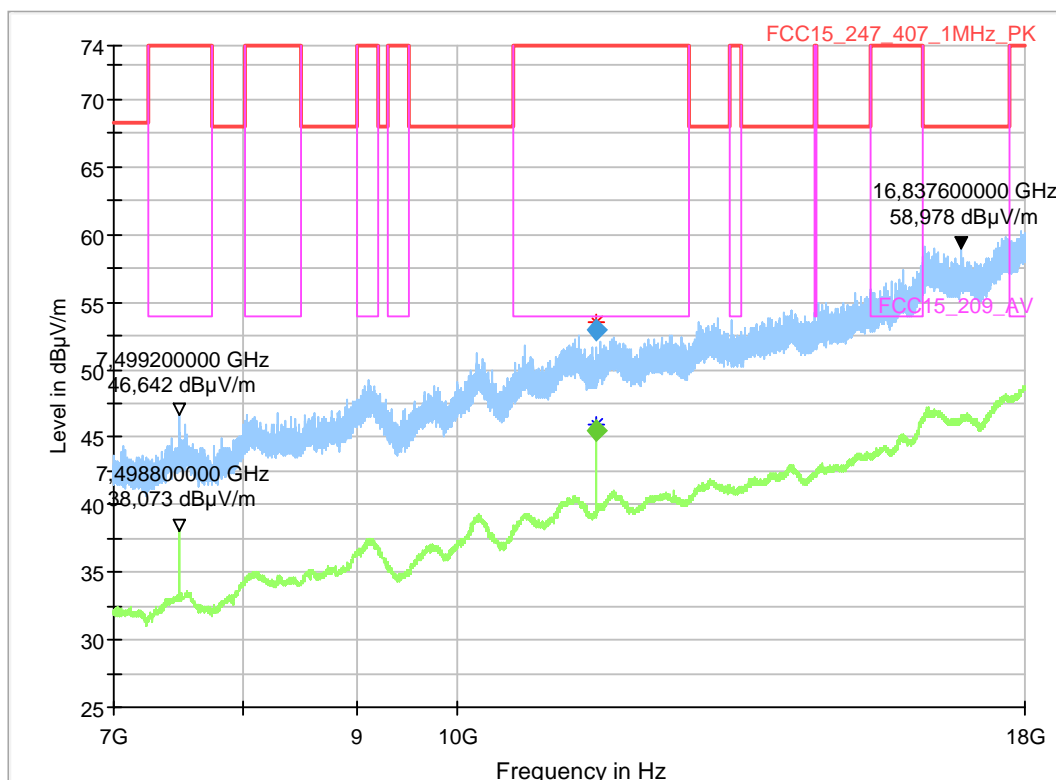
4.12d_ac80-mode_ch155_standing

Common Information

Test Description:	Radiated field strength 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:	EMC32 V10.50.0
Operating Mode:	ac80-mode MCS0 ch155 internal antenna
Operator:	SOz
EUT Setup:	1
Environmental Conditions:	Humidity : 35% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dB μ V/m)	RMS (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
11549.900000	52.97	---	74.00	21.03	100.0	1000.000	155.0	H	309.0	18.6
11549.950000	---	45.54	54.00	8.46	100.0	1000.000	155.0	H	329.0	18.6

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

Frequency (MHz)	Sig Path (dB)	Preamp (dB)	Trd Corr. (dB)	Raw Rec (dB μ V)	Comment
11549.900000	-14	-10	42	---	01:49:48 - 19.01.2023
11549.950000	-14	-10	42	---	01:51:26 - 19.01.2023

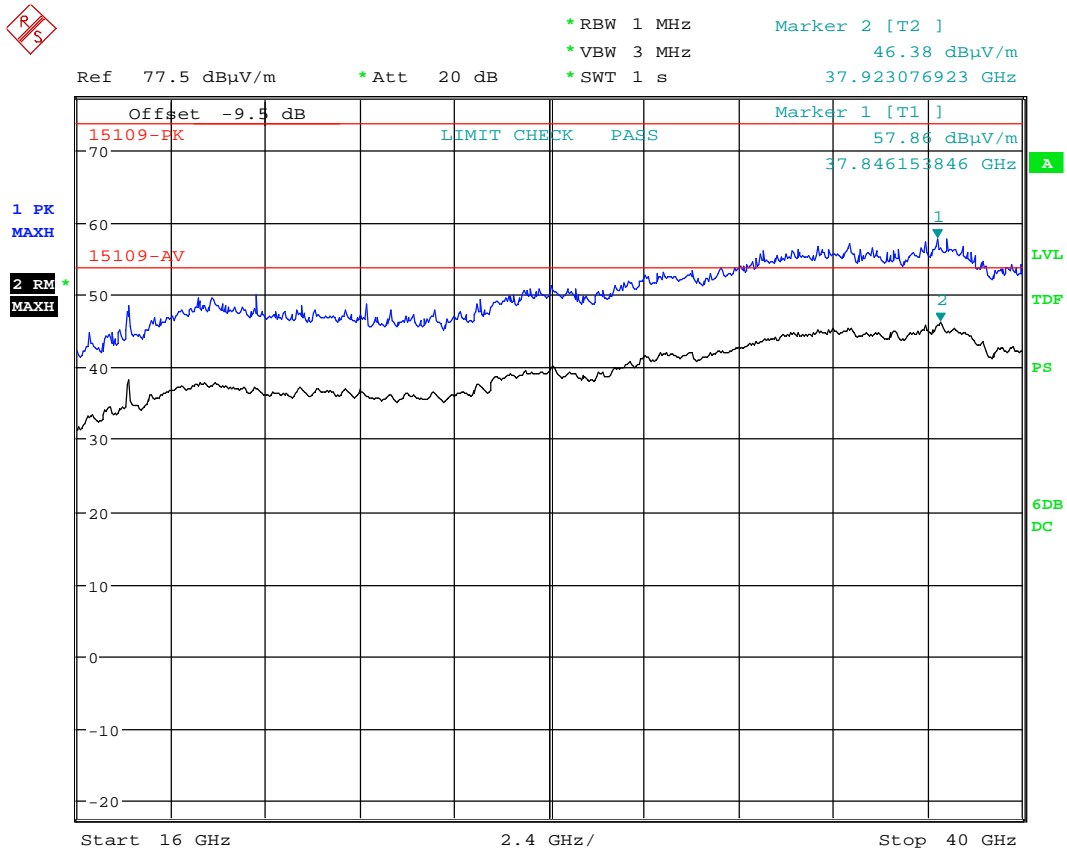
4.12e_ac80-mode_ch155

Common Information

Test Description: Radiated field strength 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: EMC32 V10.50.0
 Operating Mode: ac80-mode | MCS0 | ch155 | internal antenna
 Operator: SOz
 EUT Setup: 1
 Environmental Conditions: Humidity : 35% rH; Temperature: 20 °C
 Verdict: Passed

EUT Information

PMT number: 21-1-01787S50_C01



9.01_a-mode_ch036

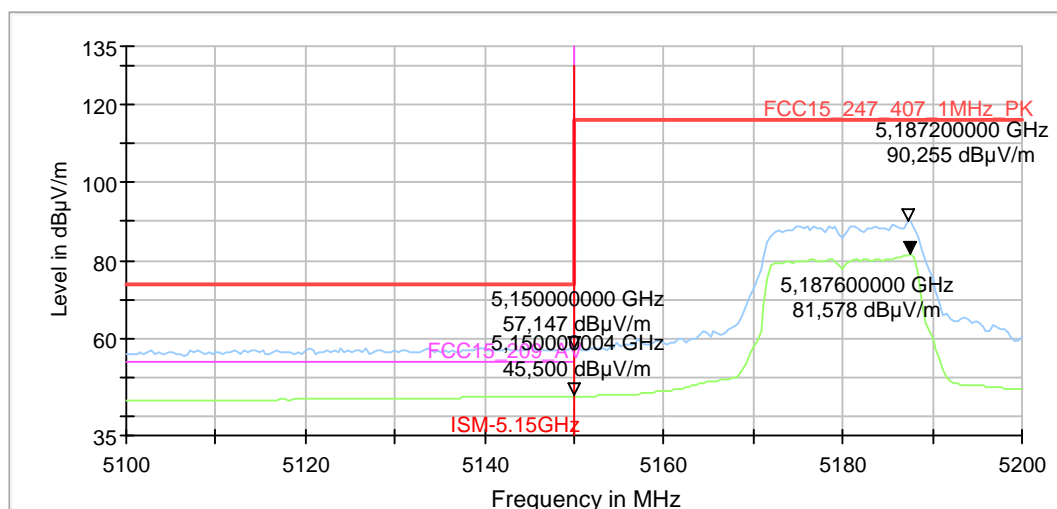
Common Information

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:	EMC32 V10.50.0
Operating Mode:	TX, continuous
Operator:	TFra/LKnopp
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-0178701T28
Power Supply:	14V DC

Full Spectrum



9.02_n20-mode_ch036

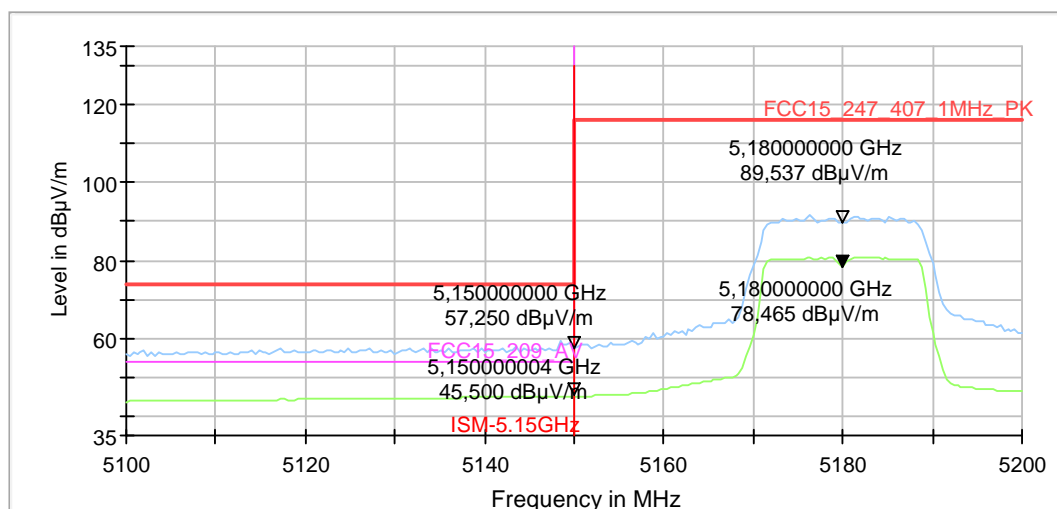
Common Information

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:	EMC32 V10.50.0
Operating Mode:	TX, continuous
Operator:	TFra/LKnopp
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-0178701T28
Power Supply:	14V DC

Full Spectrum



9.03_ac20-mode_ch036

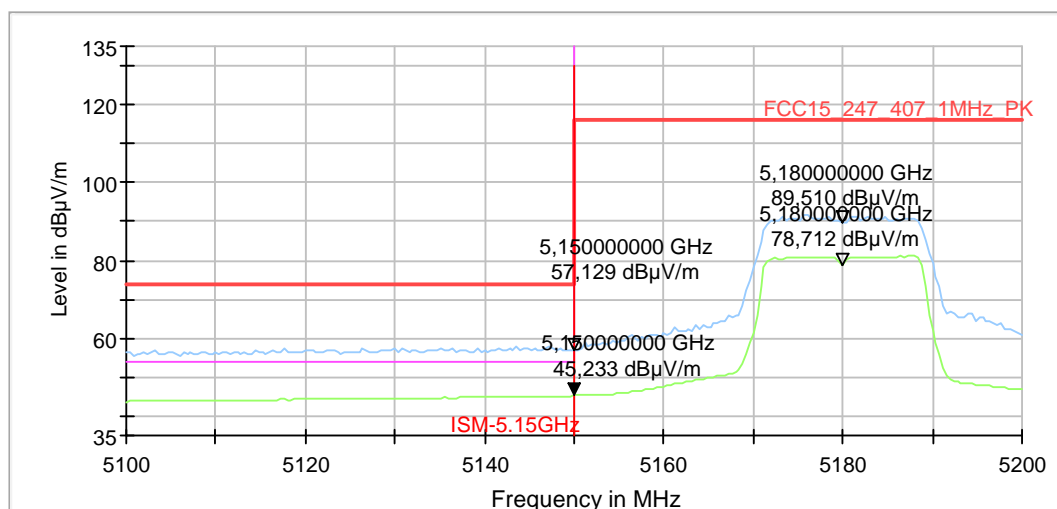
Common Information

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:	EMC32 V10.50.0
Operating Mode:	TX, continuous
Operator:	TFra/LKnopp
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-0178701T28
Power Supply:	14V DC

Full Spectrum



9.04_a-mode_ch038

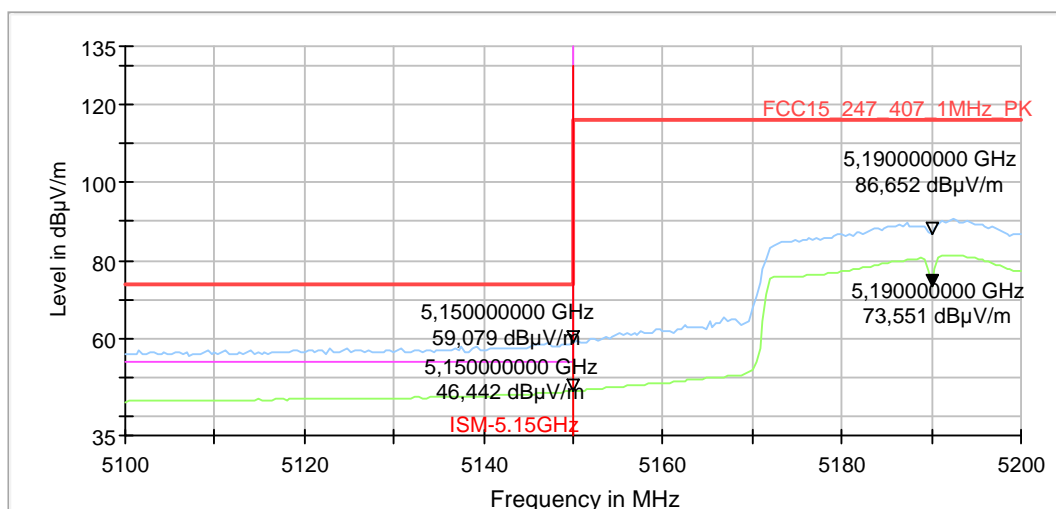
Common Information

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:	EMC32 V10.50.0
Operating Mode:	TX, continuous
Operator:	TFra/LKnopp
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-0178701T28
Power Supply:	14V DC

Full Spectrum



9.05_ac40-mode_ch038

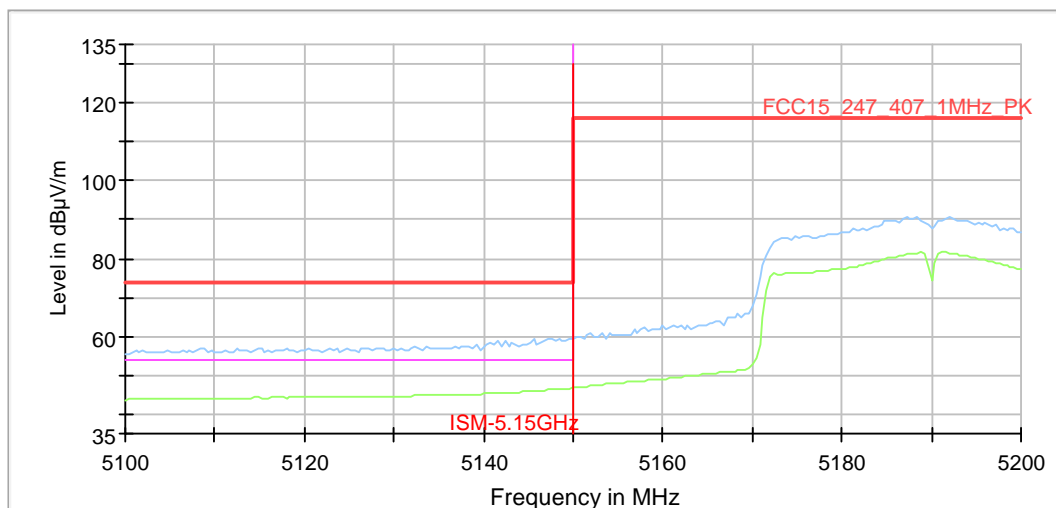
Common Information

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:	EMC32 V10.50.0
Operating Mode:	TX, continuous
Operator:	TFra/LKnopp
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr: 21-1-0178701T28

Full Spectrum



9.06_ac80-mode_ch042

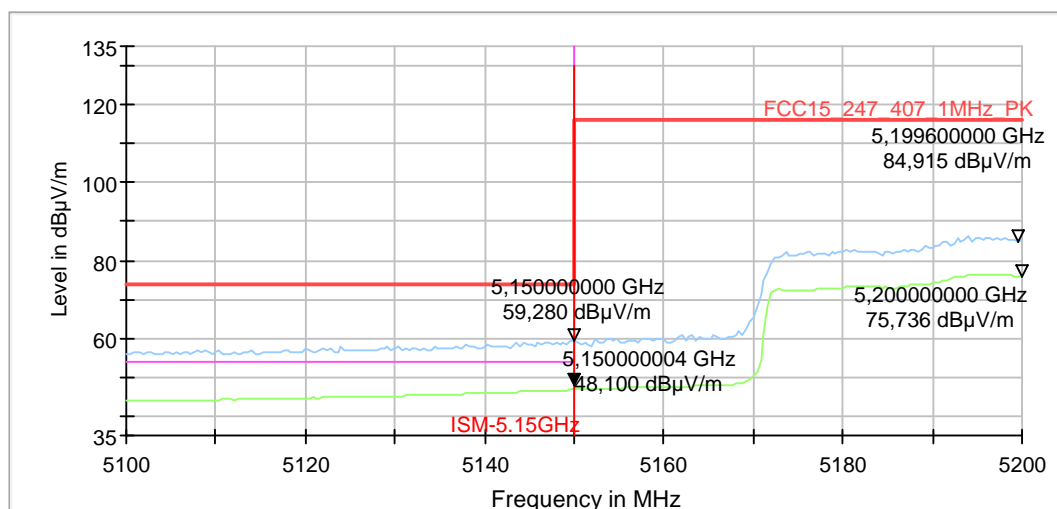
Common Information

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:	EMC32 V10.50.0
Operating Mode:	TX, continuous
Operator:	TFra/LKnopp
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr:	21-1-0178701T28
Power Supply:	14V DC

Full Spectrum



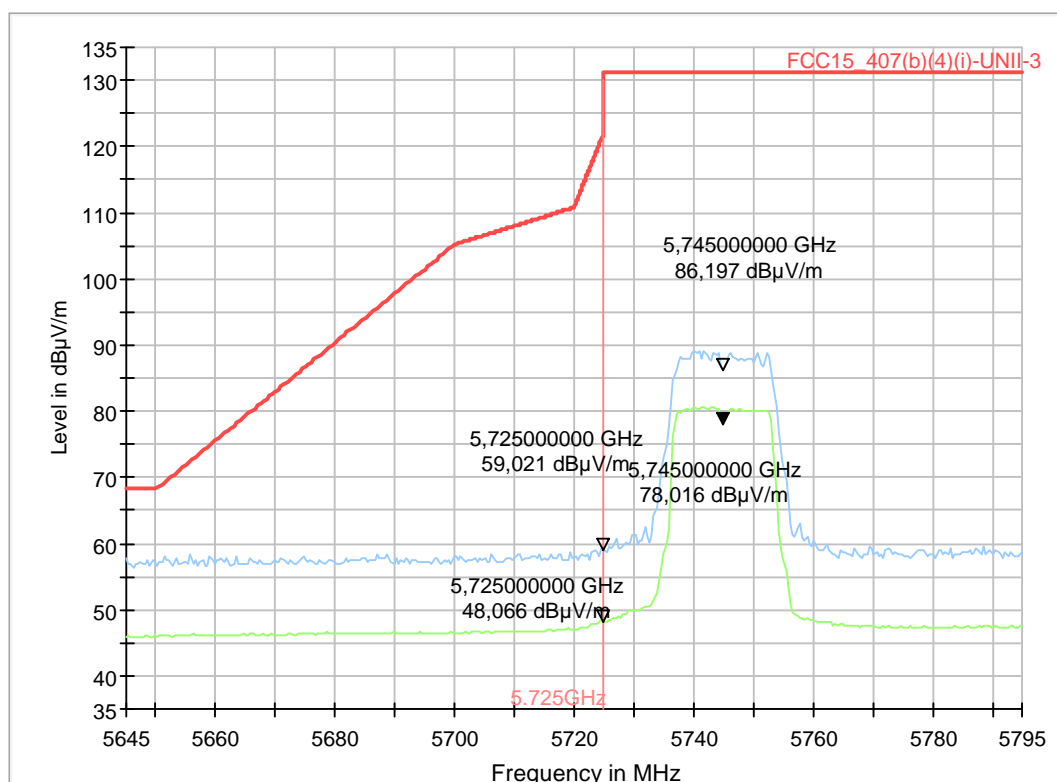
9.07_a-mode_ch149

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:	EMC32 V10.50.0
Operating Mode:	WLAN 5G
Operator:	TFra/LKnopp
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-0178701T28
	Full Spectrum



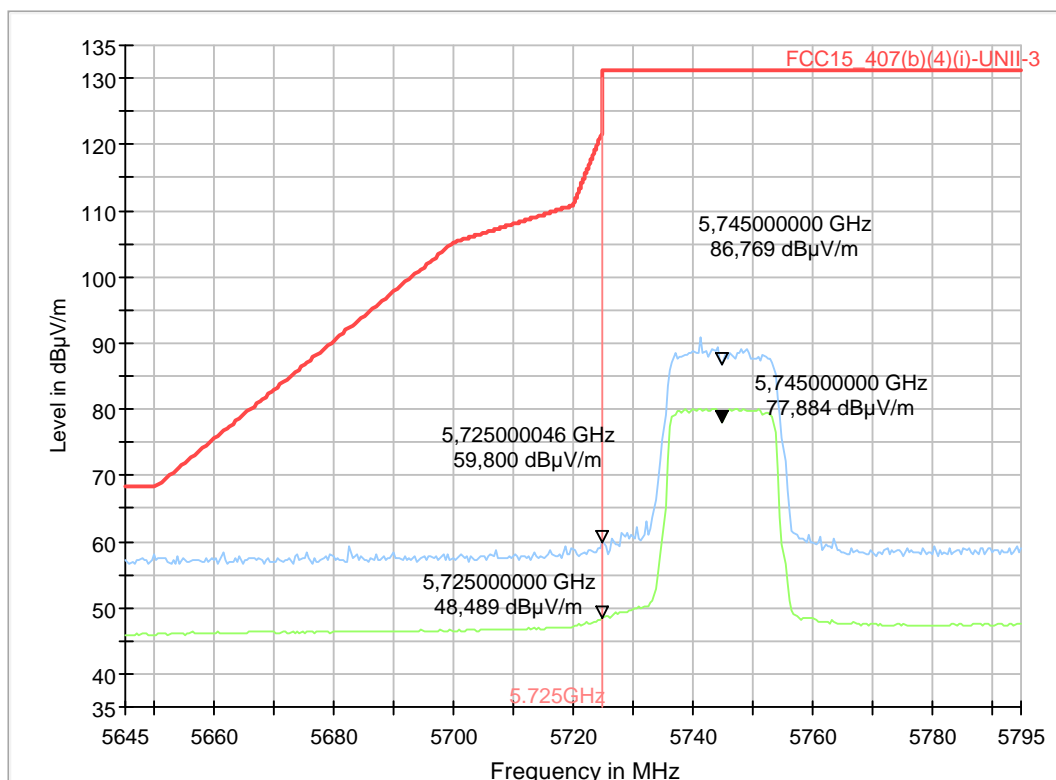
9.08_n20-mode_ch149

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:	EMC32 V10.50.0
Operating Mode:	SRD f=921.5 MHz
Operator:	TFra/LKnopp
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-0178701T28
	Full Spectrum



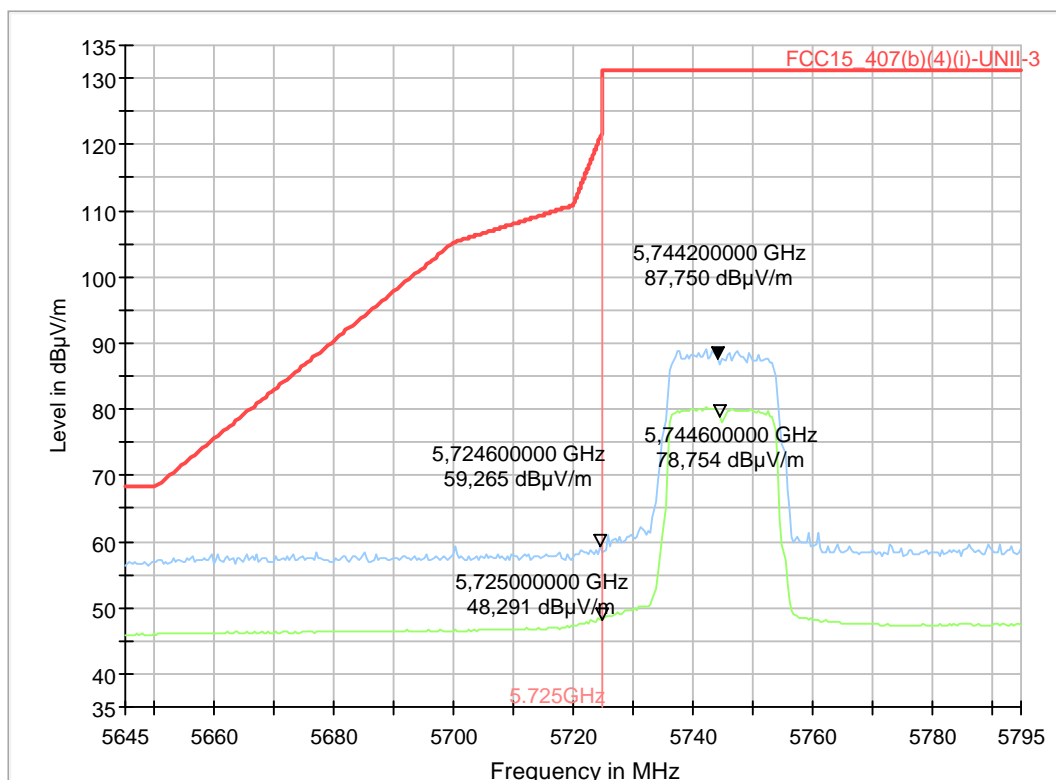
9.09_ac20-mode_ch149

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:	EMC32 V10.50.0
Operating Mode:	SRD f=921.5 MHz
Operator:	TFra/LKnopp
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-0178701T28
	Full Spectrum



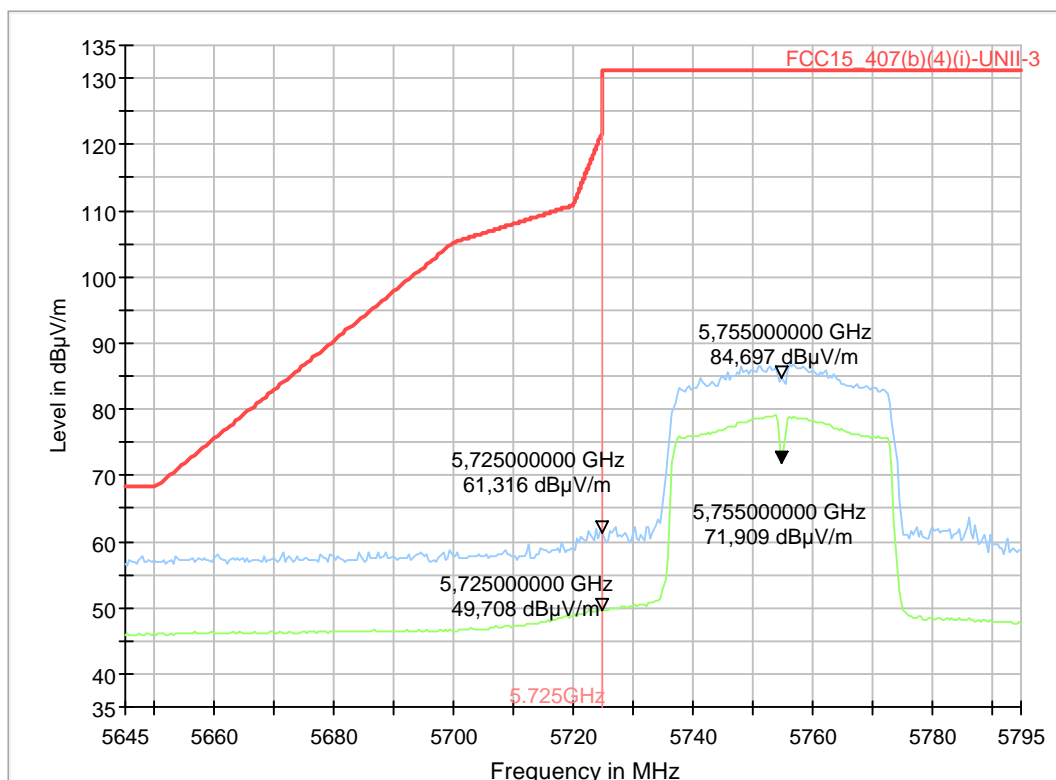
9.10_n40-mode_ch151

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:	EMC32 V10.50.0
Operating Mode:	SRD f=921.5 MHz
Operator:	TFra/LKnopp
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number: 21-1-0178701T28
Full Spectrum



9.11_ac40-mode_ch151

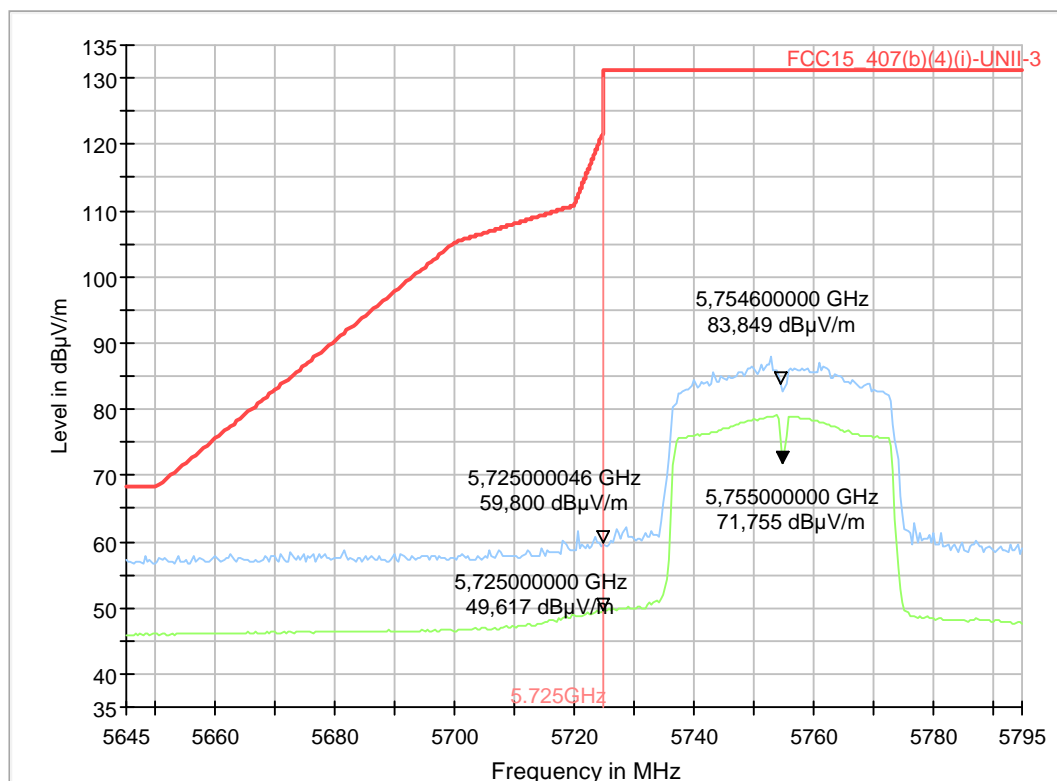
Common Information

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:	EMC32 V10.50.0
Operating Mode:	ac40-mode MCS0 ch151
Operator:	SOz
Comment:	Channel no. 151
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr: 21-1-01787S50_C01

Full Spectrum



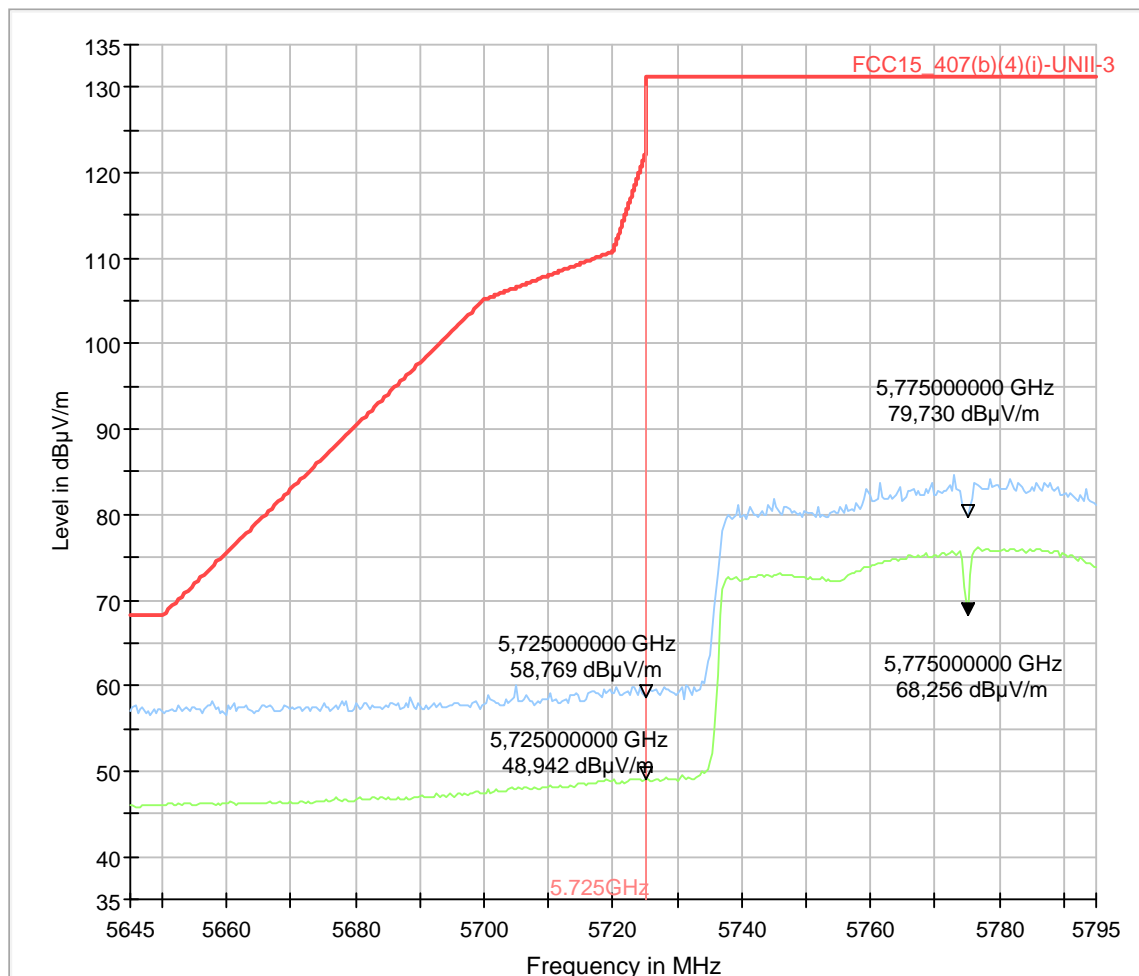
9.12_ac80-mode_ch155

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:	EMC32 V10.50.0
Operating Mode:	ac80-mode MCS0 ch155
Operator:	SOz
Comment:	Channel no. 155
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr: 21-1-01787S50_C01



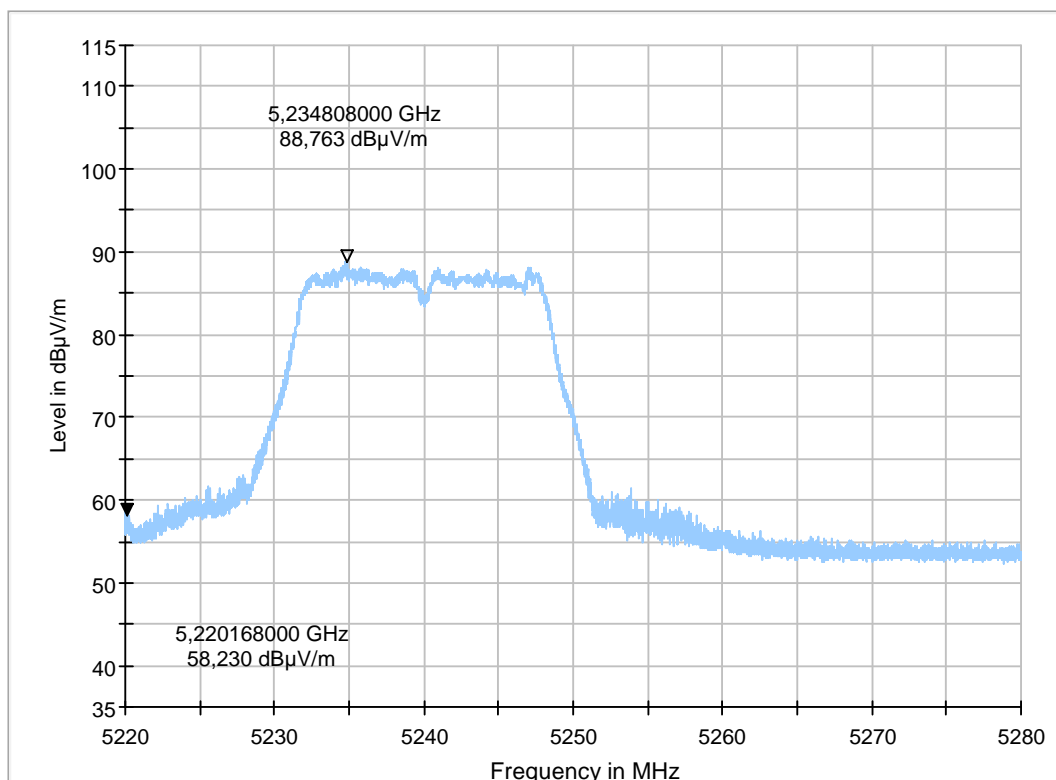
9.13_a-mode_ch048

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:	EMC32 V10.50.0
Operating Mode:	a-mode 48Mbps ch048
Operator:	TFra
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 44% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



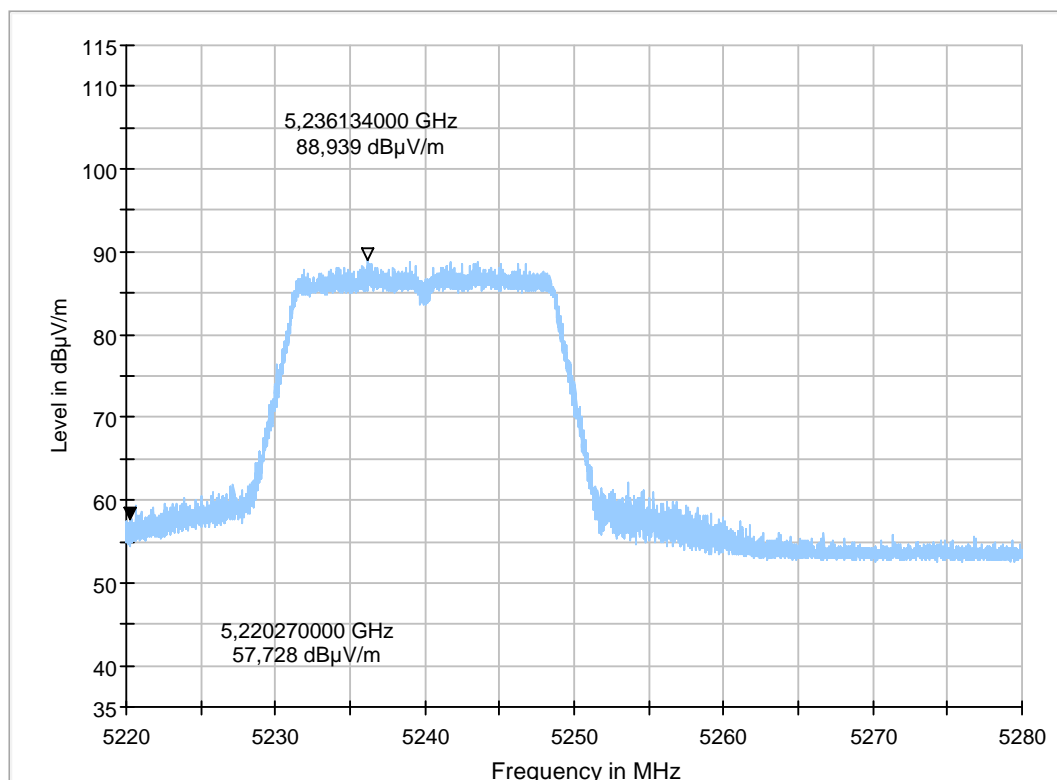
9.14_n20-mode_ch048

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:	EMC32 V10.50.0
Operating Mode:	n20-mode MCS6 ch048
Operator:	TFra
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 44% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



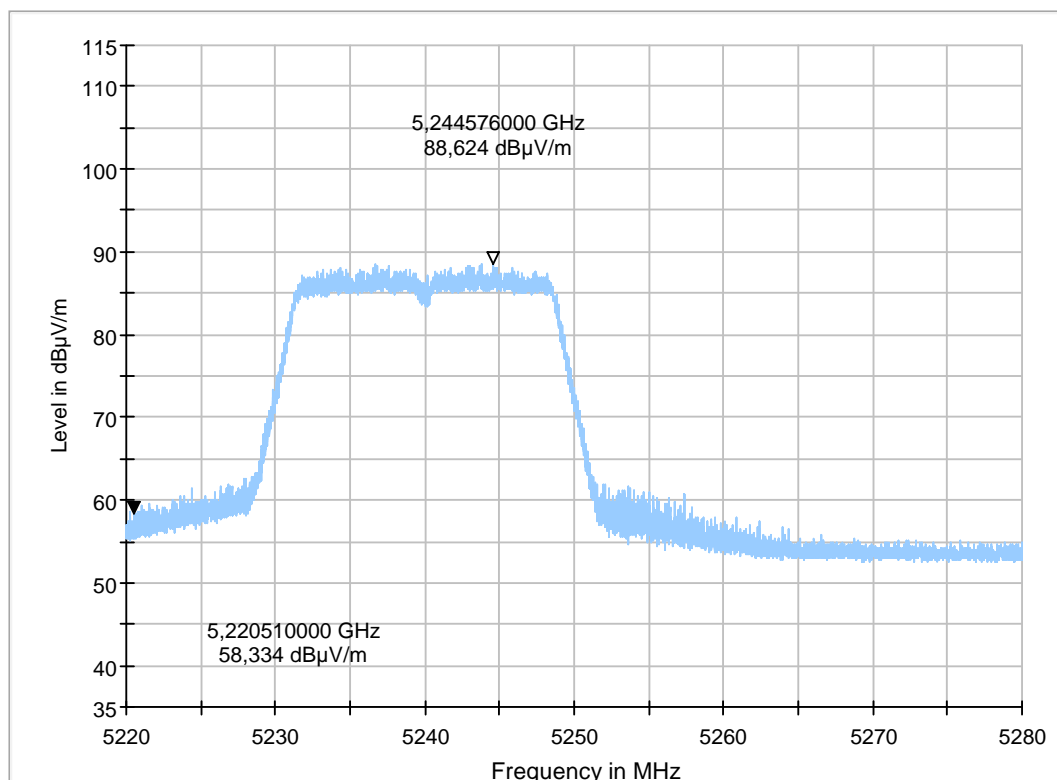
9.15_ac20-mode_ch048

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:	EMC32 V10.50.0
Operating Mode:	ac20-mode MCS4 ch048
Operator:	TFra
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 44% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



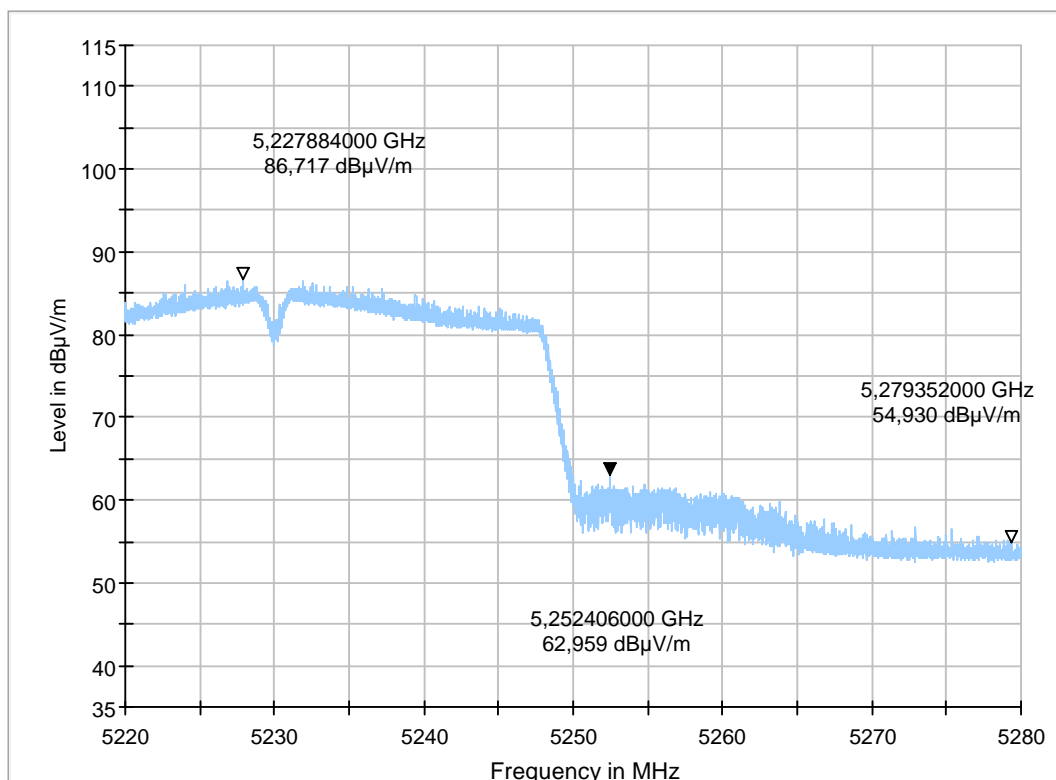
9.16_n40-mode_ch046

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:	EMC32 V10.50.0
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 number:	21-1-01787S50_C01
	Full Spectrum



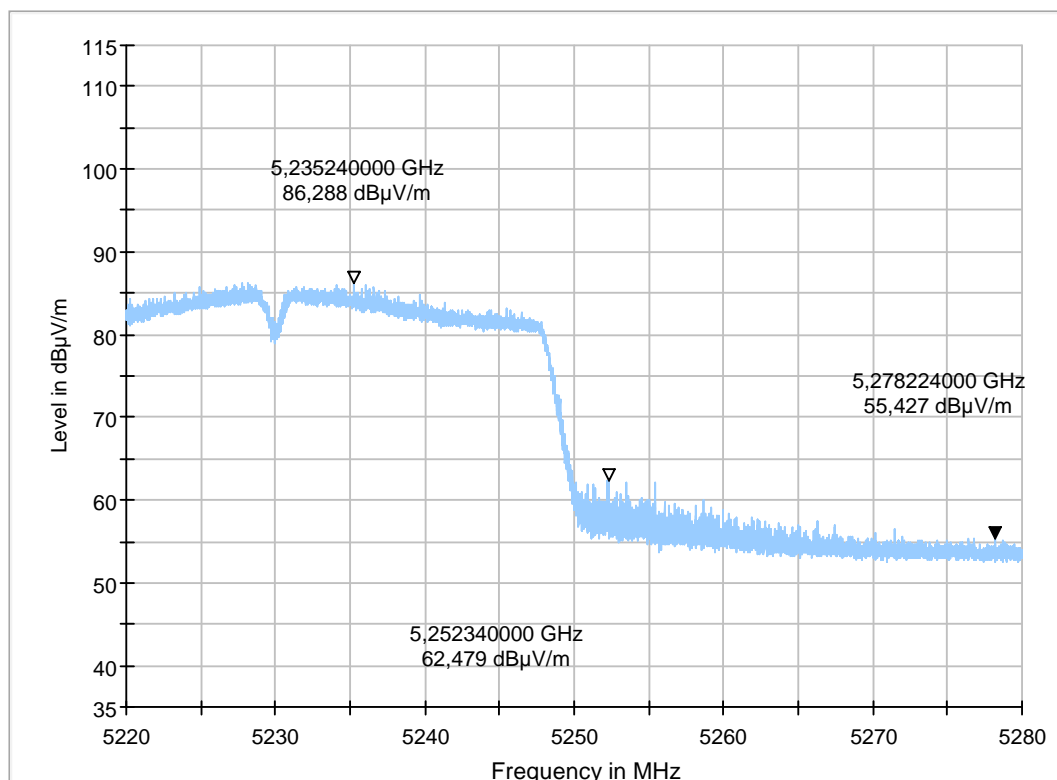
9.17_ac40-mode_ch046

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:	EMC32 V10.50.0
Operating Mode:	ac40-mode MCS0 ch046
Operator:	TFra
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 44% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



9.18_ac80-mode_ch042

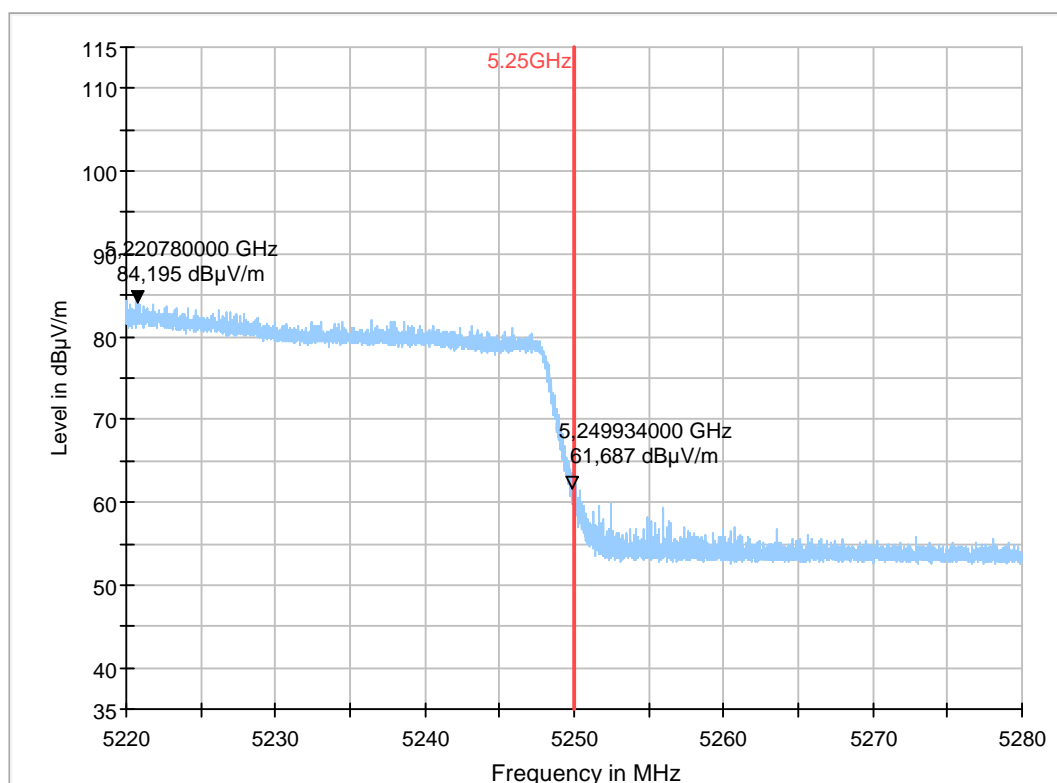
Common Information

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:	EMC32 V10.50.0
Operating Mode:	TX, continuous
Operator:	asa/KTe
Comment:	Channel no. 42
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr: 21-1-01787S50_C01

Full Spectrum



9.19_a-mode_ch165

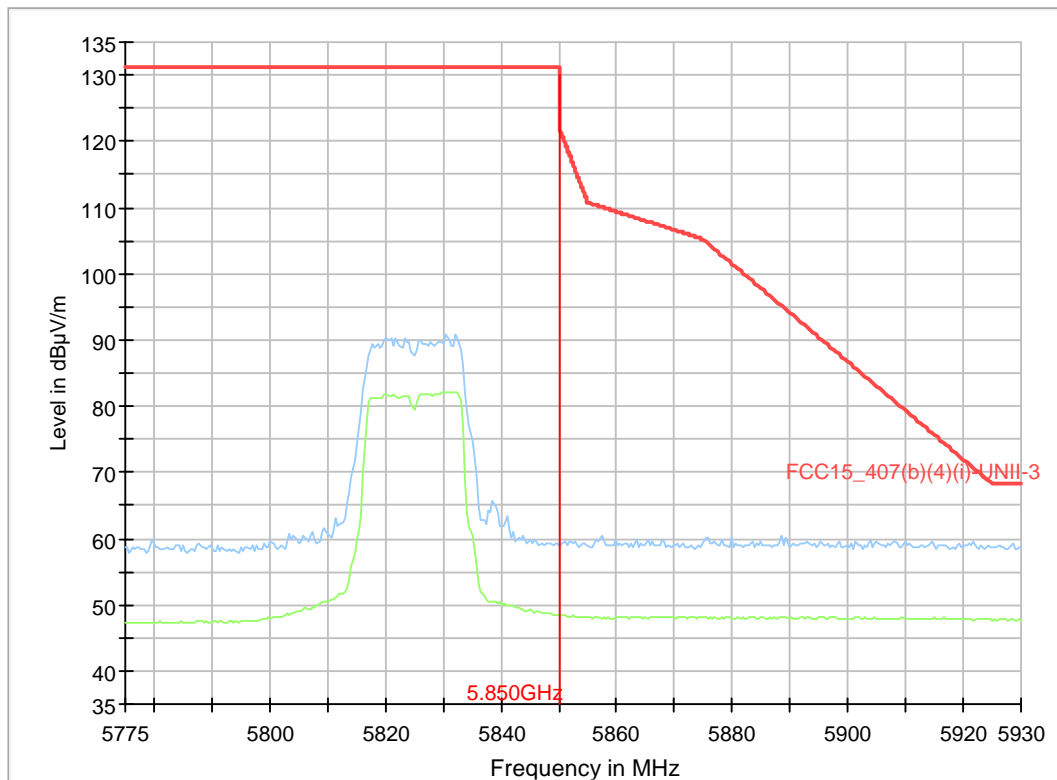
Common Information

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:	EMC32 V10.50.0
Operating Mode:	TX, continuous
Operator:	asa
Comment:	a-mode 48Mbps ch165
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr: 21-1-01787S50_C01

Full Spectrum



9.20_n20-mode_ch165

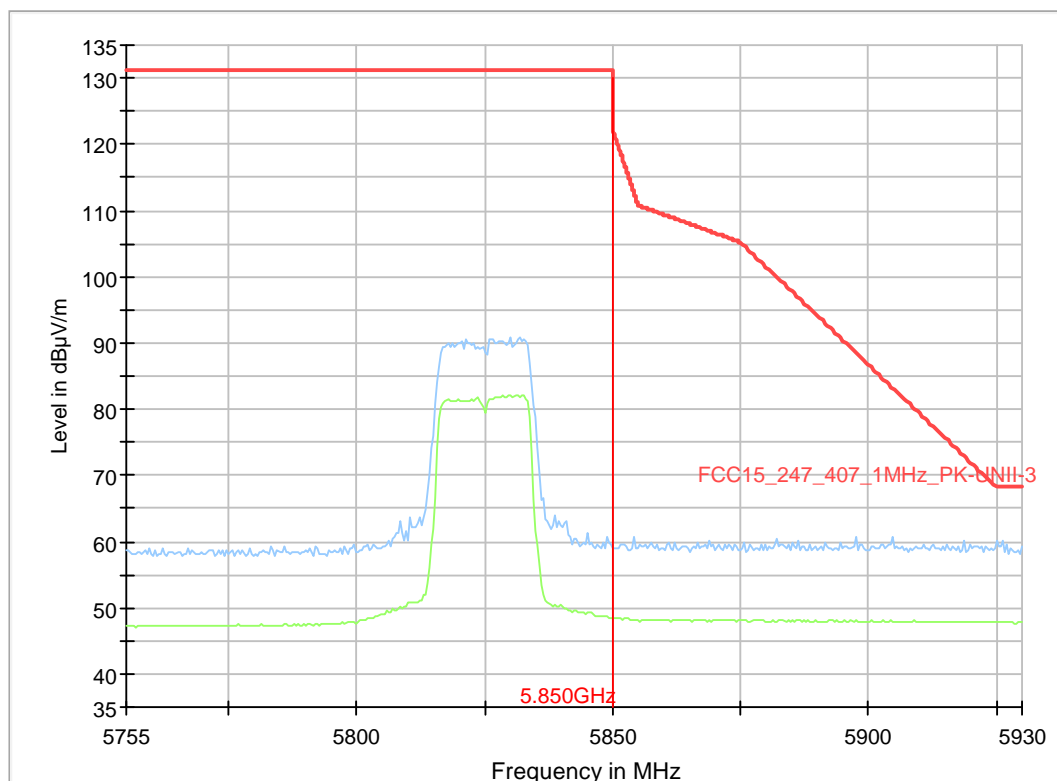
Common Information

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:	EMC32 V10.50.0
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 Sample Nr: 21-1-01787S50_C01

Full Spectrum



9.21_ac20-mode_ch165

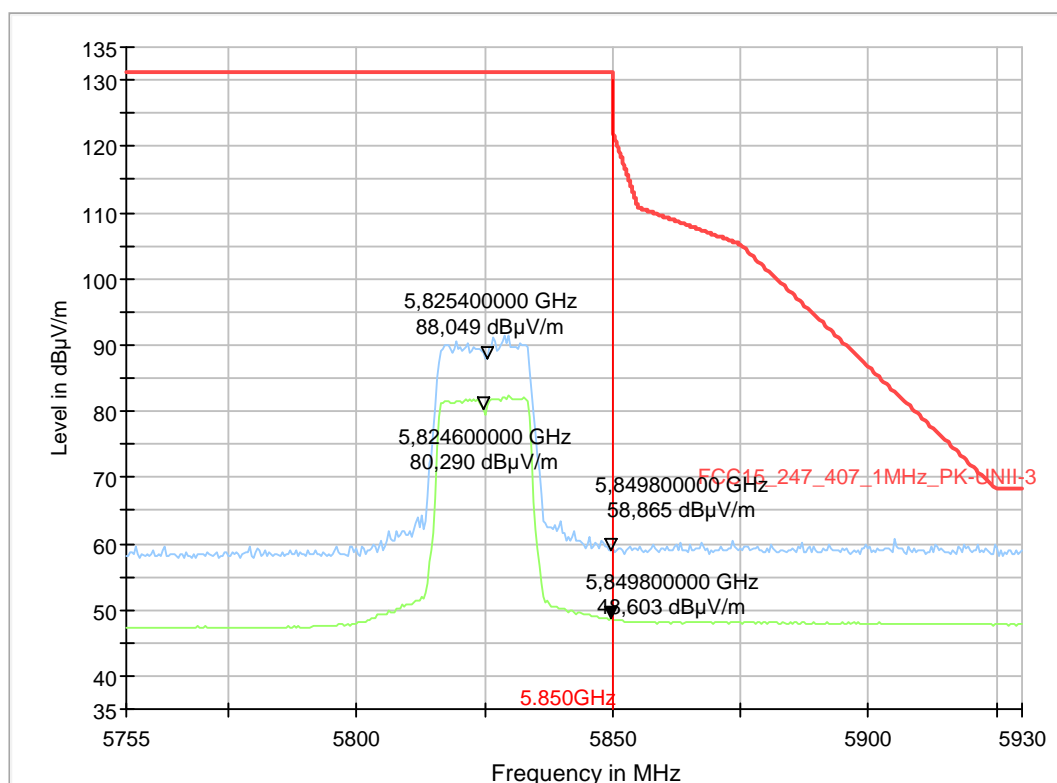
Common Information

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:	EMC32 V10.50.0
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 Sample Nr: 21-1-01787S50_C01

Full Spectrum



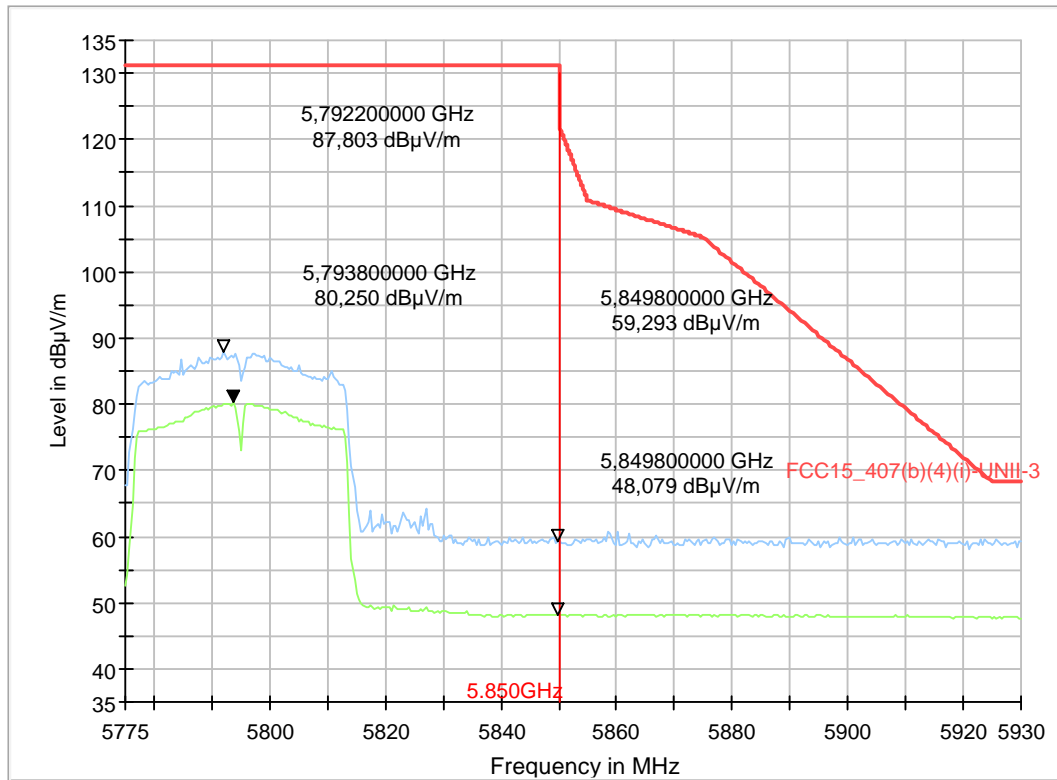
9.22_n40-mode_ch159

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:	EMC32 V10.50.0
Operating Mode:	n40-mode MCS0 ch159
Operator:	TFra
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 44% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



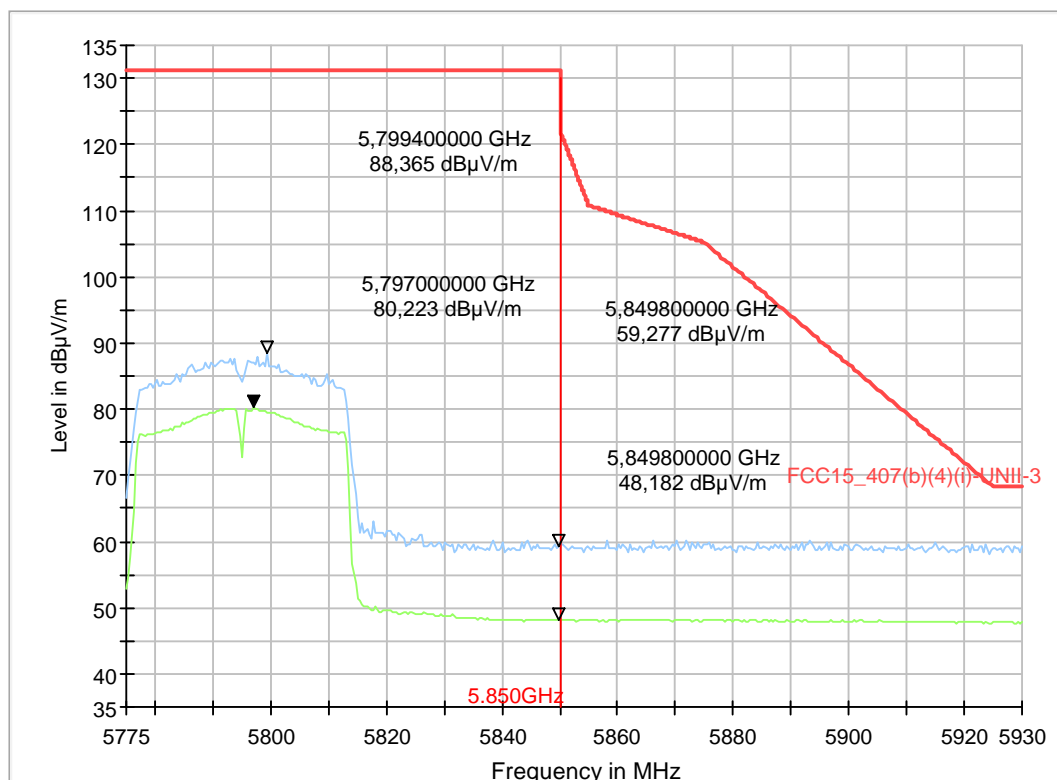
9.23_ac40-mode_ch159

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:	EMC32 V10.50.0
Operating Mode:	ac40-mode MCS0 ch159
Operator:	TFra
Comment:	-
EUT Setup:	1
Environmental Conditions:	Humidity : 44% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	21-1-01787S50_C01
	Full Spectrum



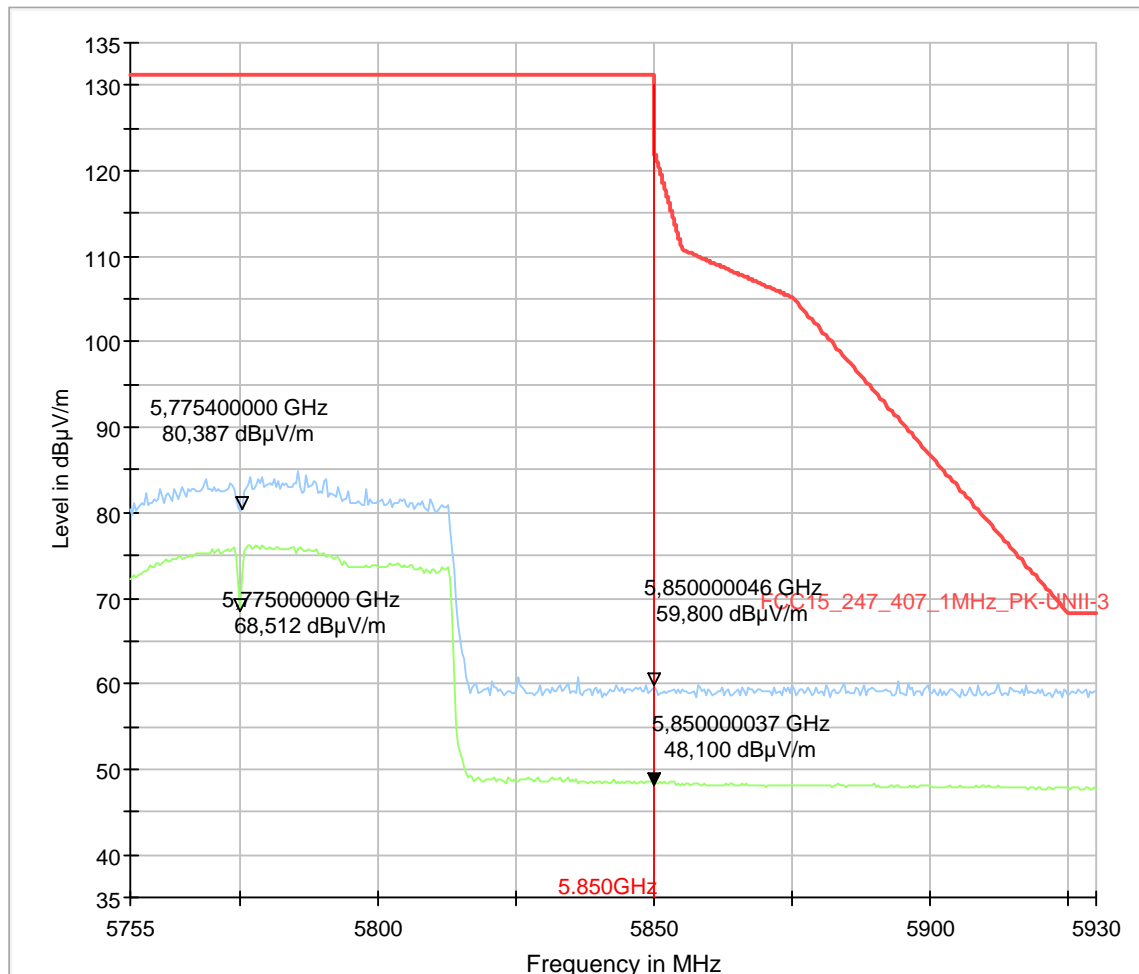
9.24_ac80-mode_ch155

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:	EMC32 V10.50.0
Operating Mode:	ac80-mode MCS0 ch155
Operator:	SOz
Comment:	Channel no. 155
EUT Setup:	1
Environmental Conditions:	Humidity : 40% rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT Sample Nr: 21-1-01787S50_C01



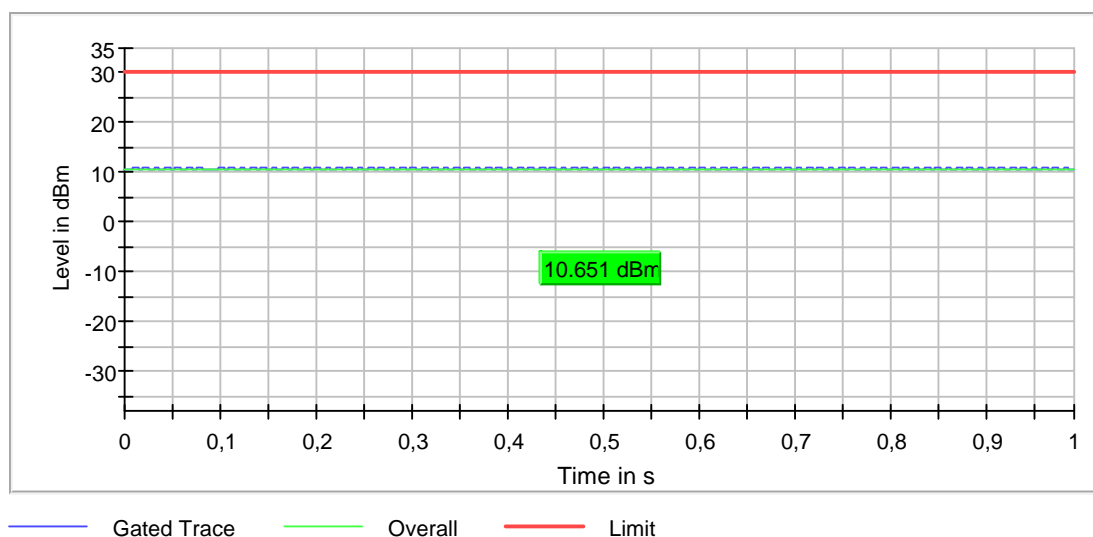
RF output power (5180 MHz; a-mode [6Mbps] ; 20 MHz)

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	99.297	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 µs	1.000 µs

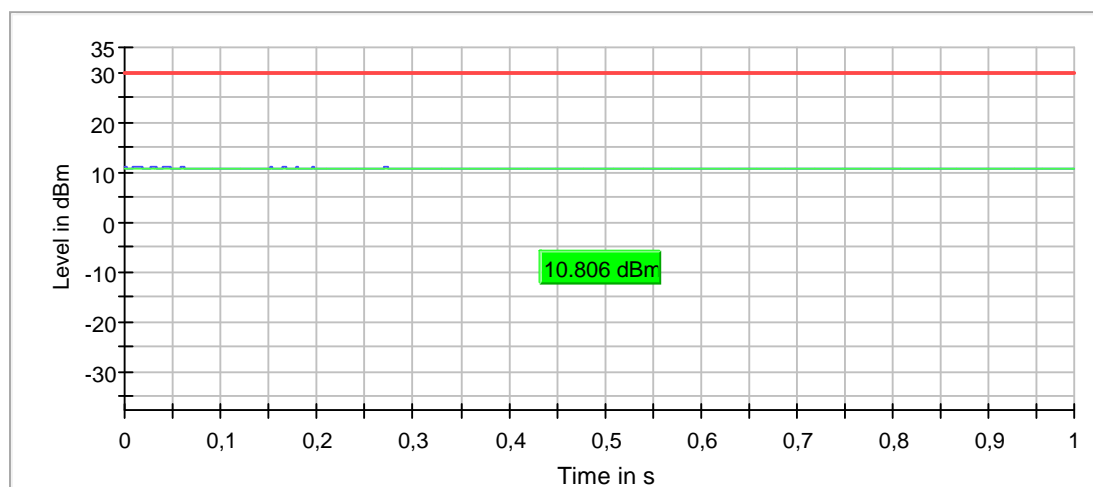
RF output power (5200 MHz; a-mode [6Mbps] ; 20 MHz)

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	99.296	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 μs	1.000 μs

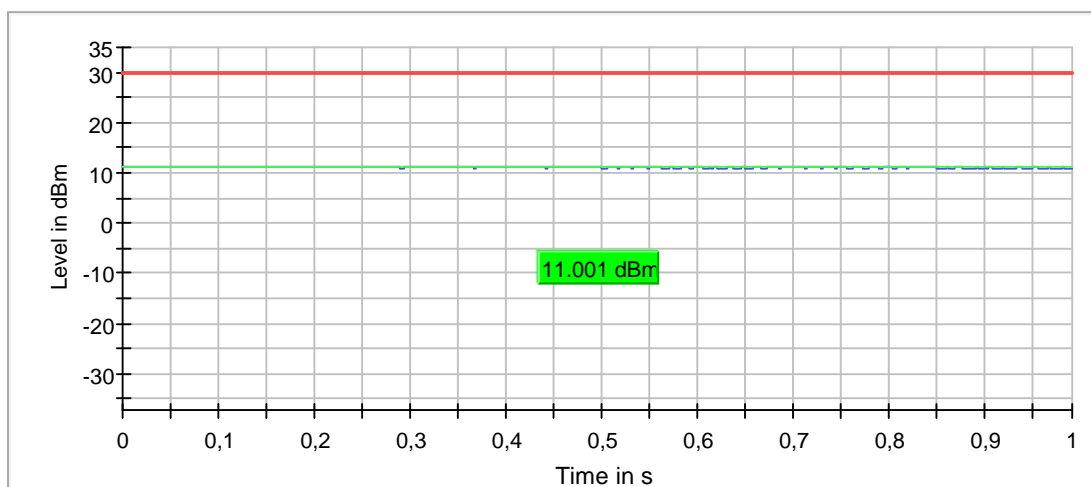
RF output power (5240 MHz; a-mode [6Mbps] ; 20 MHz)

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	11.0	30.0	11.0	99.300	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 µs	1.000 µs

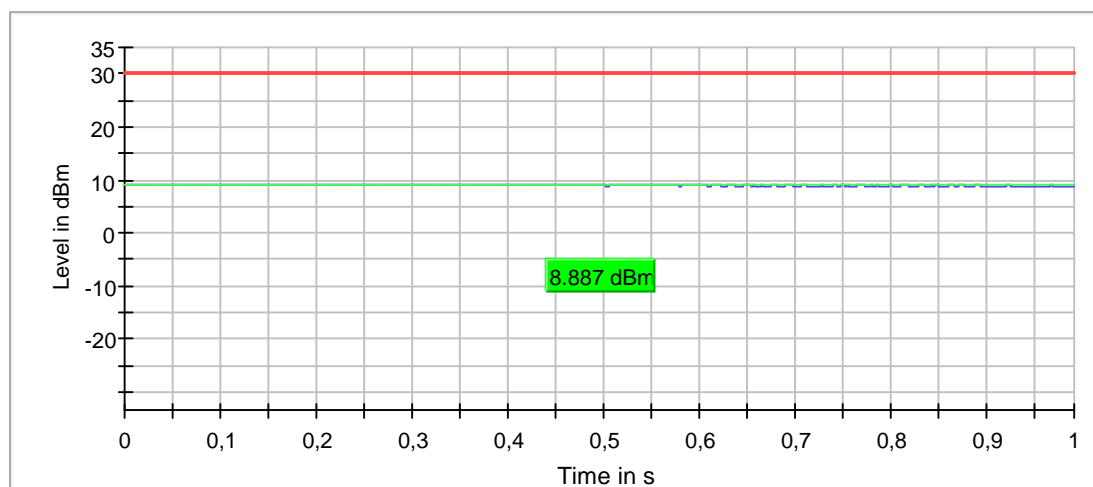
RF output power (5745 MHz; a-mode [6Mbps] ; 20 MHz)

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	8.9	30.0	8.9	99.302	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 μs	1.000 μs

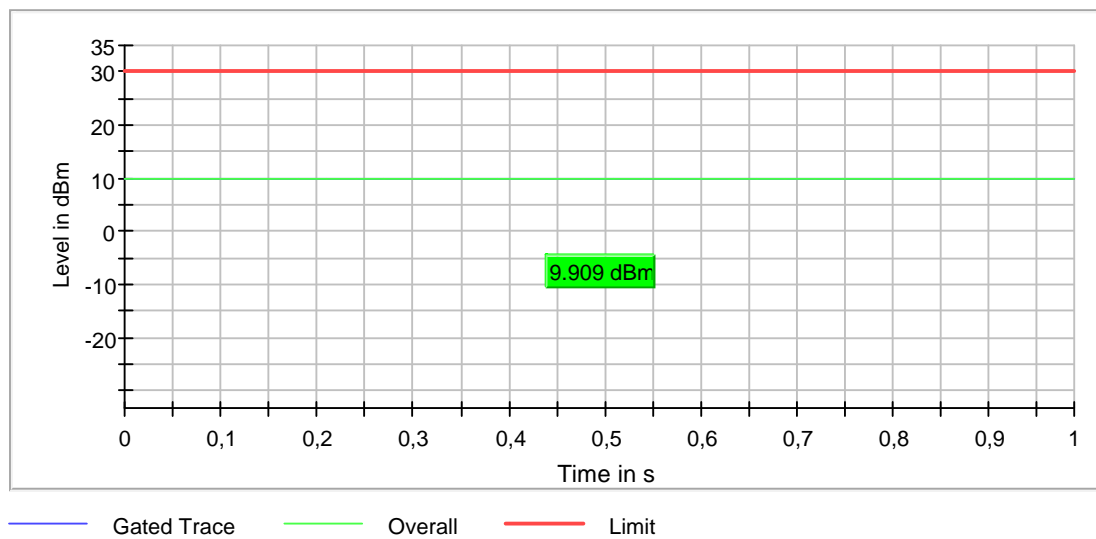
RF output power (5785 MHz; a-mode [6Mbps] ; 20 MHz)

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	9.9	30.0	9.9	99.301	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 μs	1.000 μs

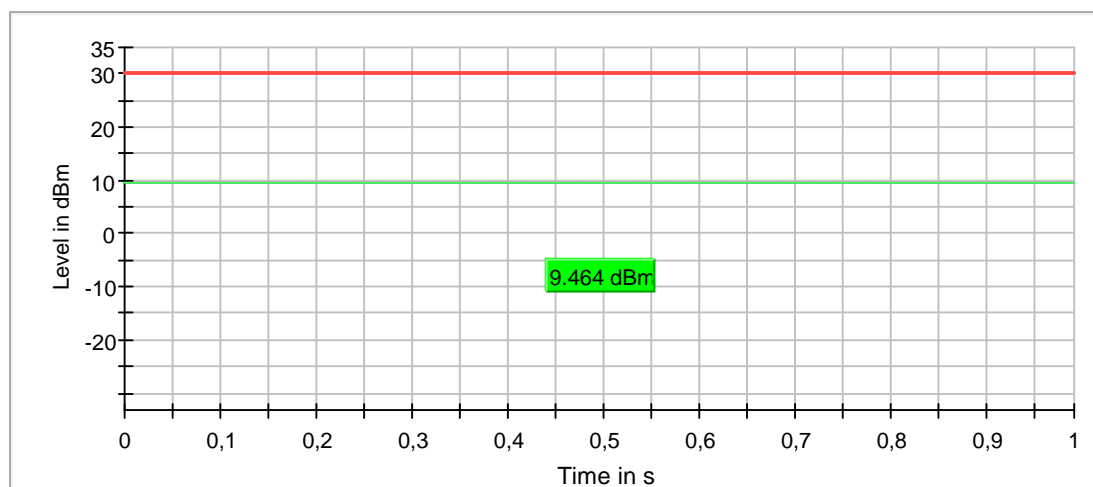
RF output power (5825 MHz; a-mode [6Mbps] ; 20 MHz)

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	9.5	30.0	9.5	99.301	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 µs	1.000 µs

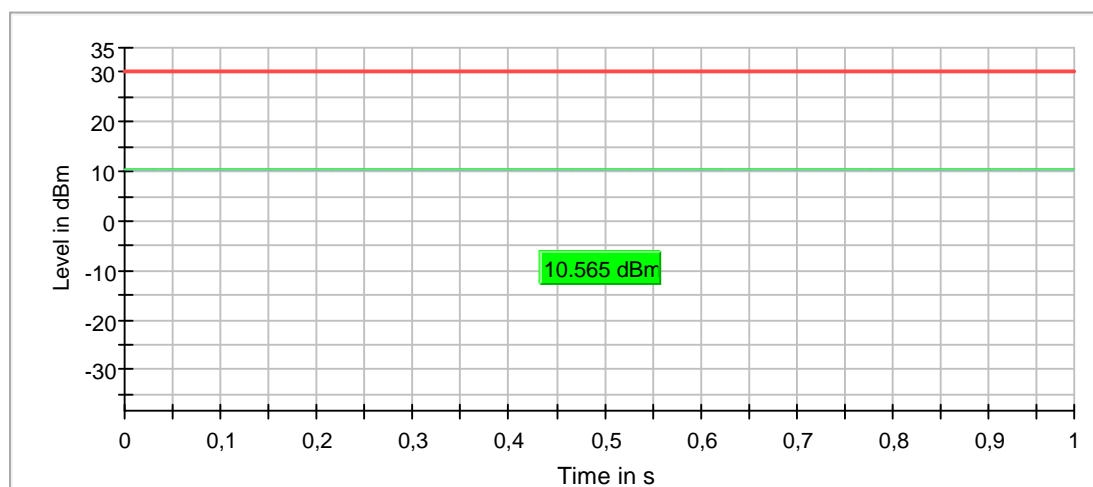
RF output power (5180 MHz; n20-mode [MCS0] (12 dBm); 20 MHz)

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	99.244	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 µs	1.000 µs

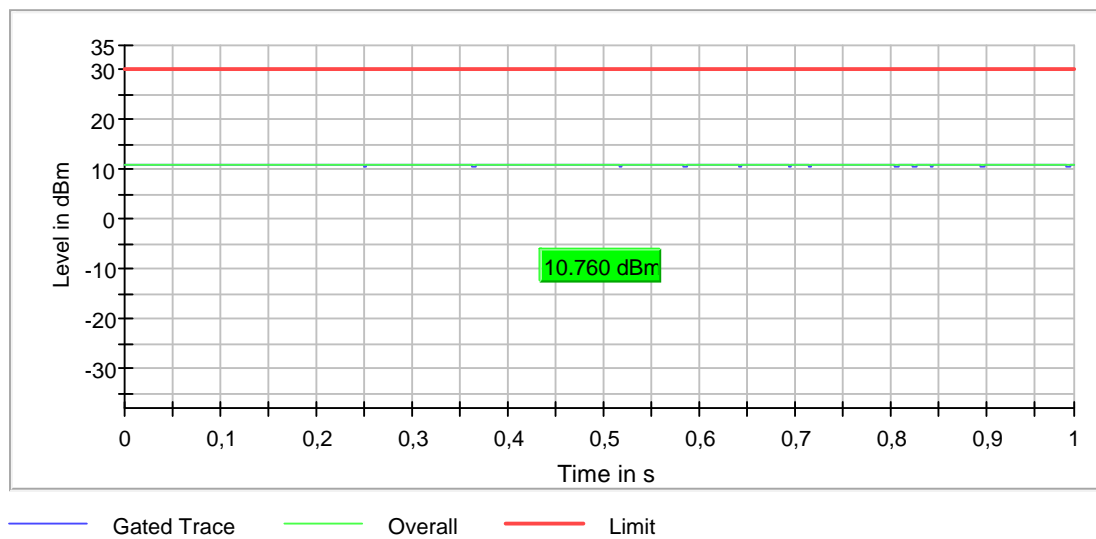
RF output power (5200 MHz; n20-mode [MCS0] (12 dBm); 20 MHz)

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	99.248	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 µs	1.000 µs

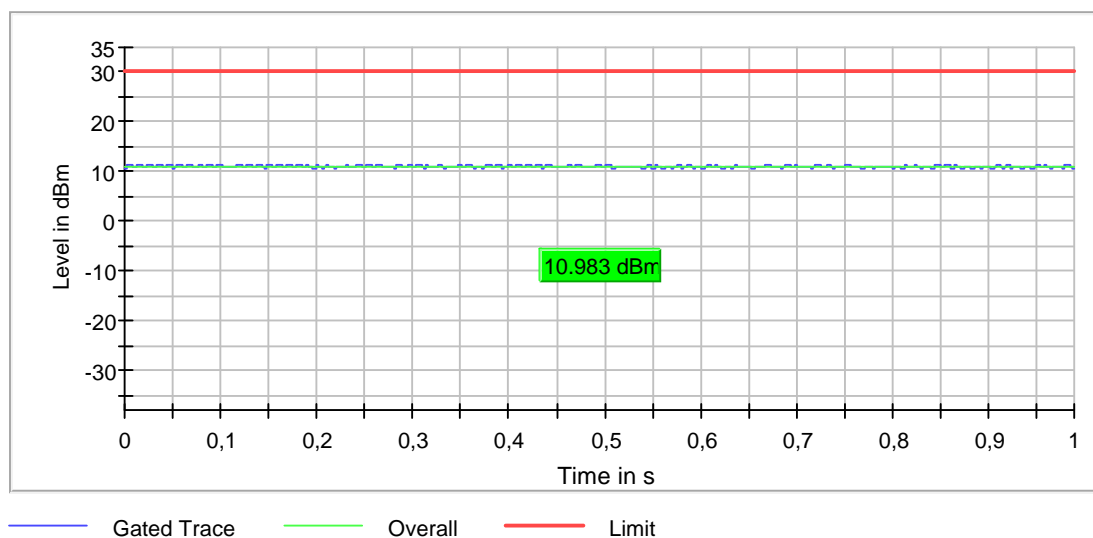
RF output power (5240 MHz; n20-mode [MCS0] (12 dBm); 20 MHz)

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	11.0	30.0	11.0	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 µs	1.000 µs

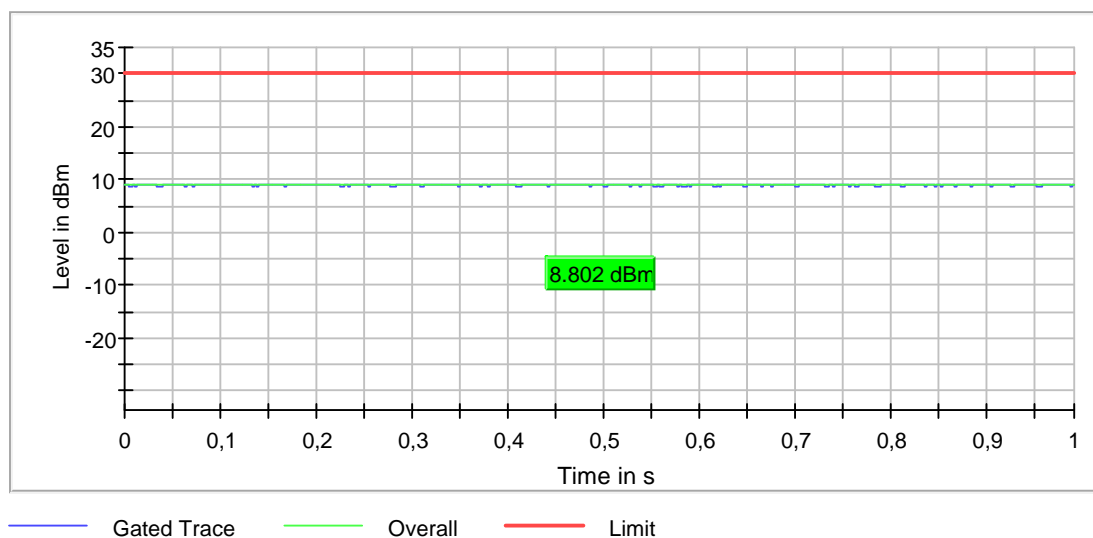
RF output power (5745 MHz; n20-mode [MCS0] (12 dBm); 20 MHz)

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	8.8	30.0	8.8	99.252	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 µs	1.000 µs

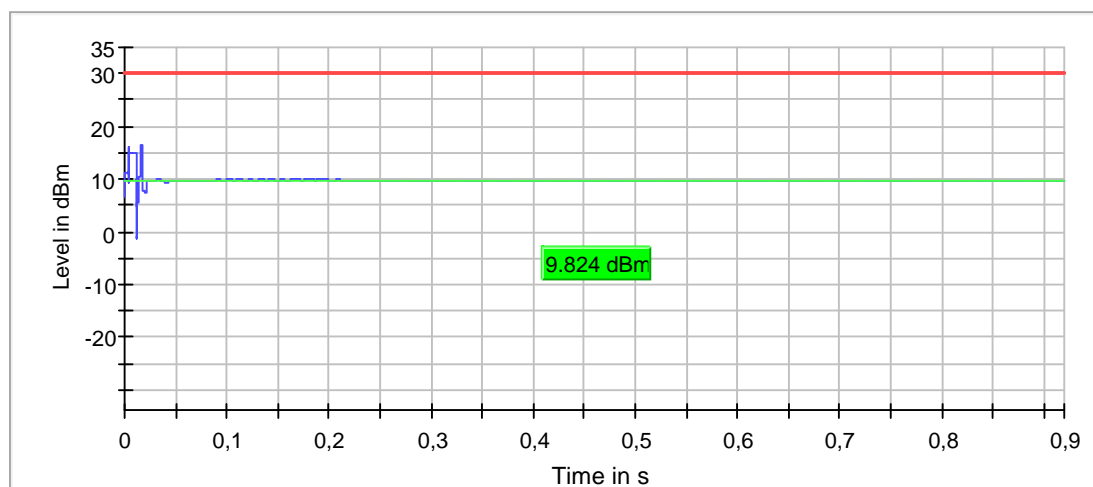
RF output power (5785 MHz; n20-mode [MCS0] (12 dBm); 20 MHz)

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	9.8	30.0	9.8	92.199	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 µs	1.000 µs

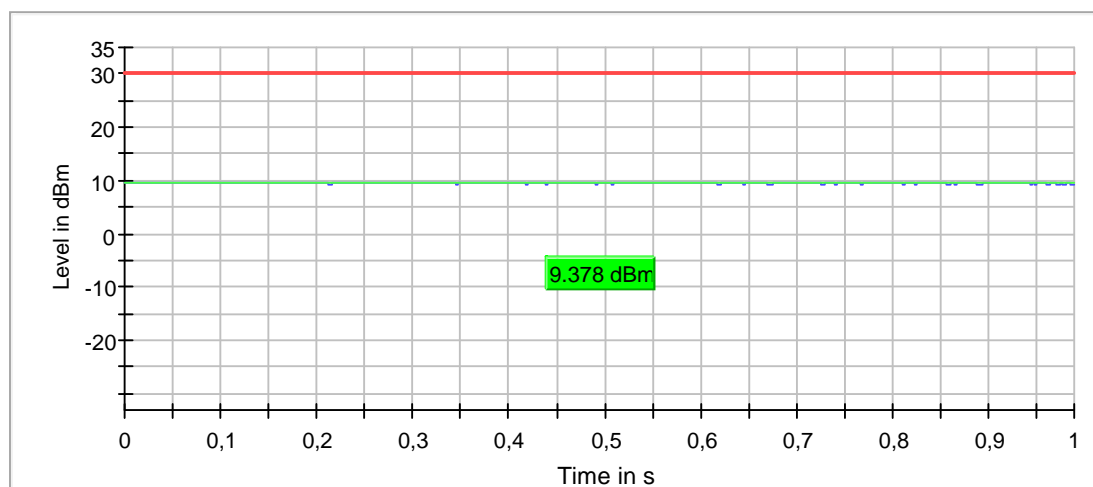
RF output power (5825 MHz; n20-mode [MCS0] (12 dBm); 20 MHz)

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	9.4	30.0	9.4	99.249	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 µs	1.000 µs

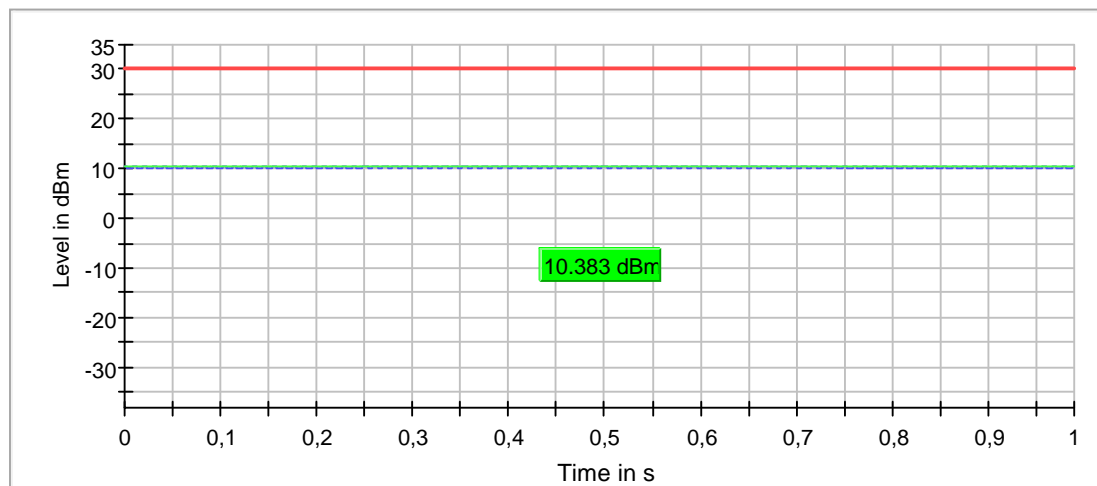
RF output power (5180 MHz; ac20-mode [MCS0] (12 dBm); 20 MHz)

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	99.250	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

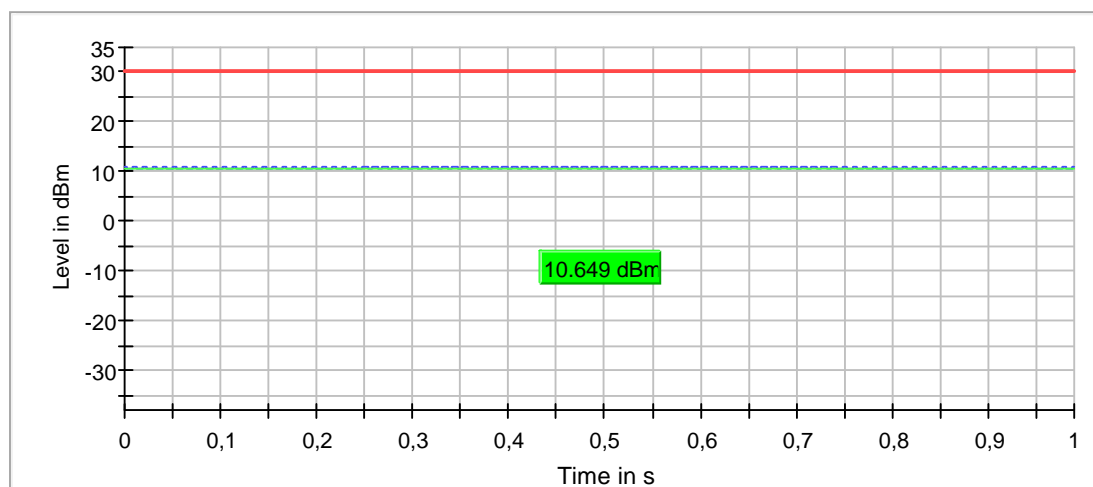
RF output power (5200 MHz; ac20-mode [MCS0] (12 dBm); 20 MHz)

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	10.6	30.0	10.6	99.246	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 µs	1.000 µs

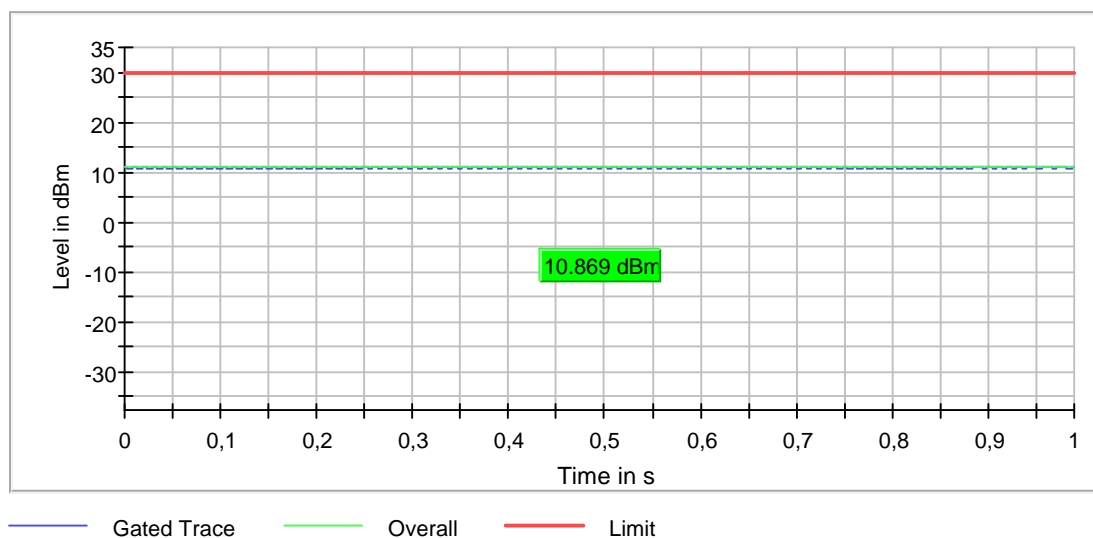
RF output power (5240 MHz; ac20-mode [MCS0] (12 dBm); 20 MHz)

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	10.9	30.0	10.9	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 μs	1.000 μs

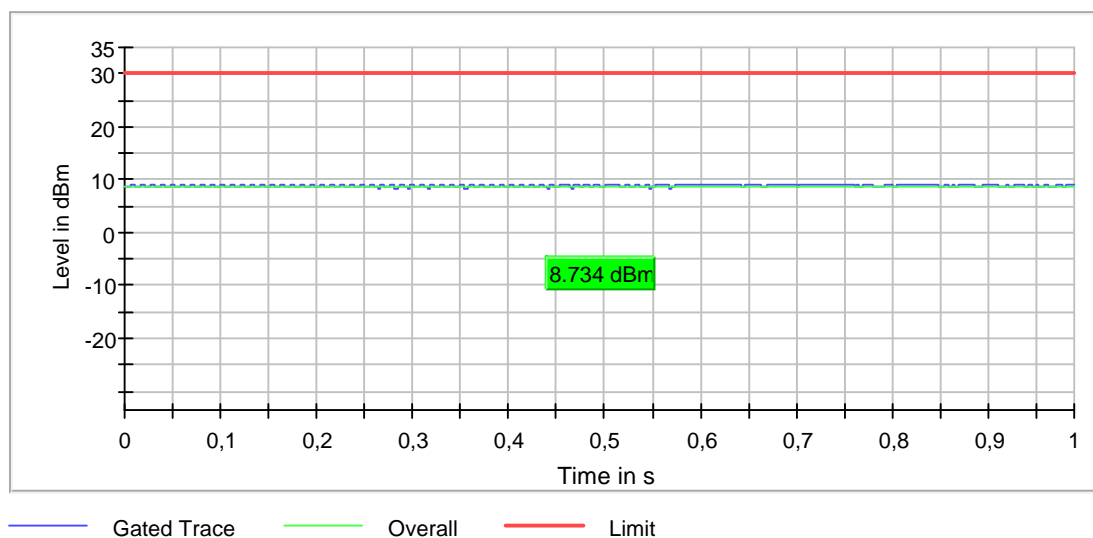
RF output power (5745 MHz; ac20-mode [MCS0] (12 dBm); 20 MHz)

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	8.7	30.0	8.7	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 µs	1.000 µs

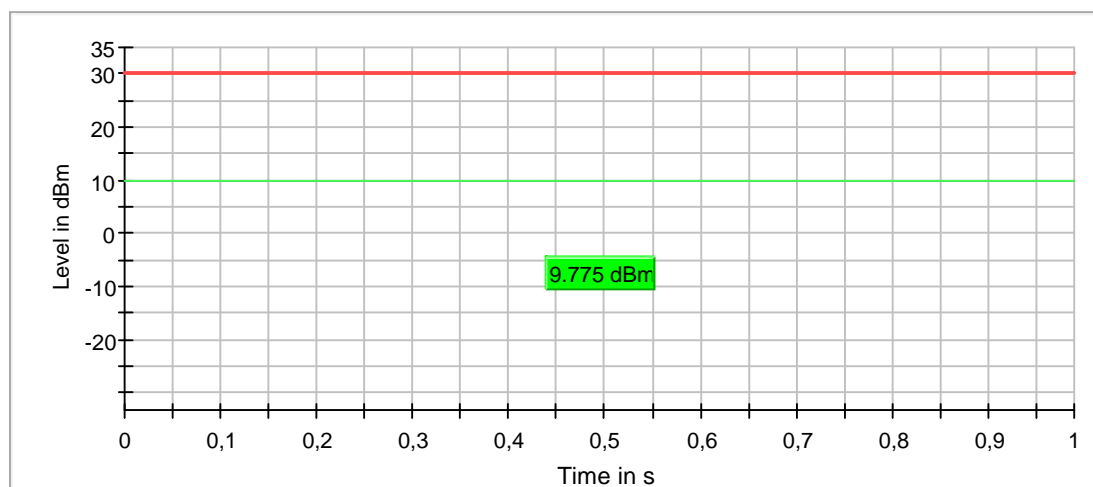
RF output power (5785 MHz; ac20-mode [MCS0] (12 dBm); 20 MHz)

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	9.8	30.0	9.8	99.249	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 μs	1.000 μs

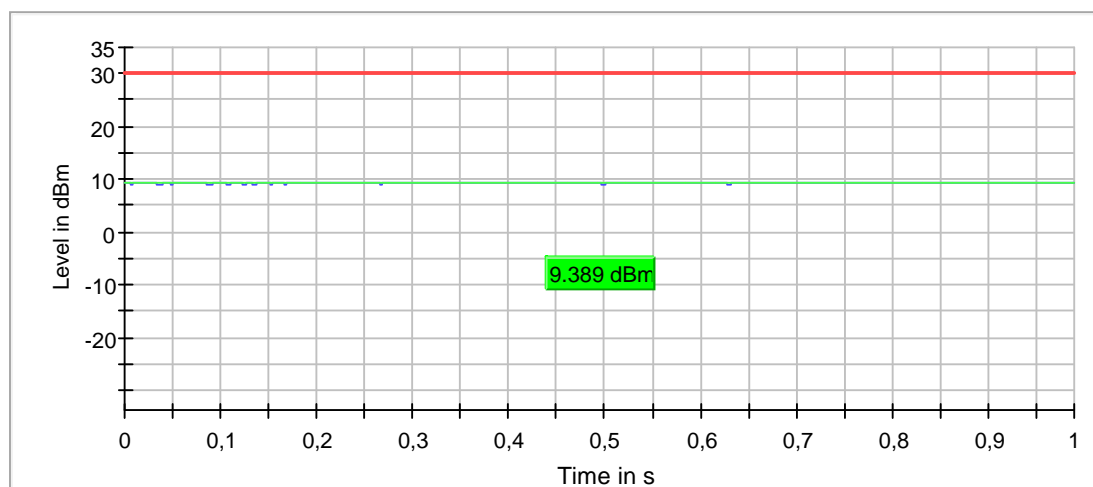
RF output power (5825 MHz; ac20-mode [MCS0] (12 dBm); 20 MHz)

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	9.4	30.0	9.4	99.249	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 µs	1.000 µs

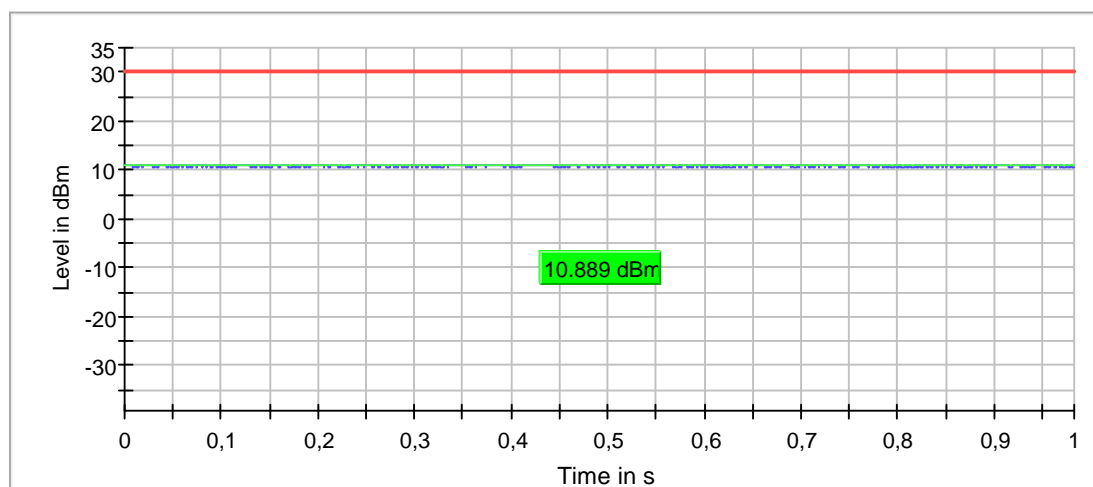
RF output power (5190 MHz; n40-mode [MCS0] (12 dBm); 40 MHz)

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	10.9	30.0	10.9	98.486	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 µs	1.000 µs

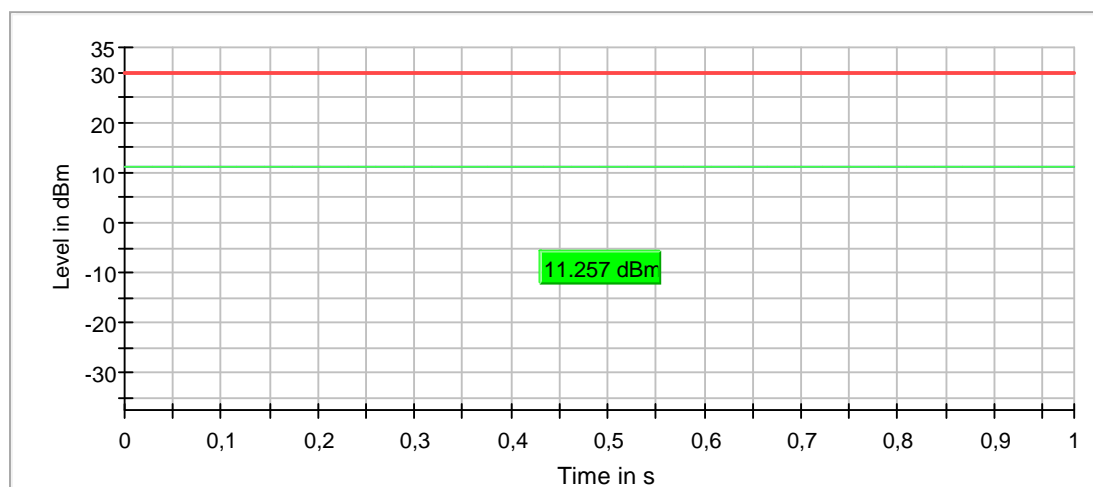
RF output power (5230 MHz; n40-mode [MCS0] (12 dBm); 40 MHz)

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	11.3	30.0	11.3	98.478	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 µs	1.000 µs

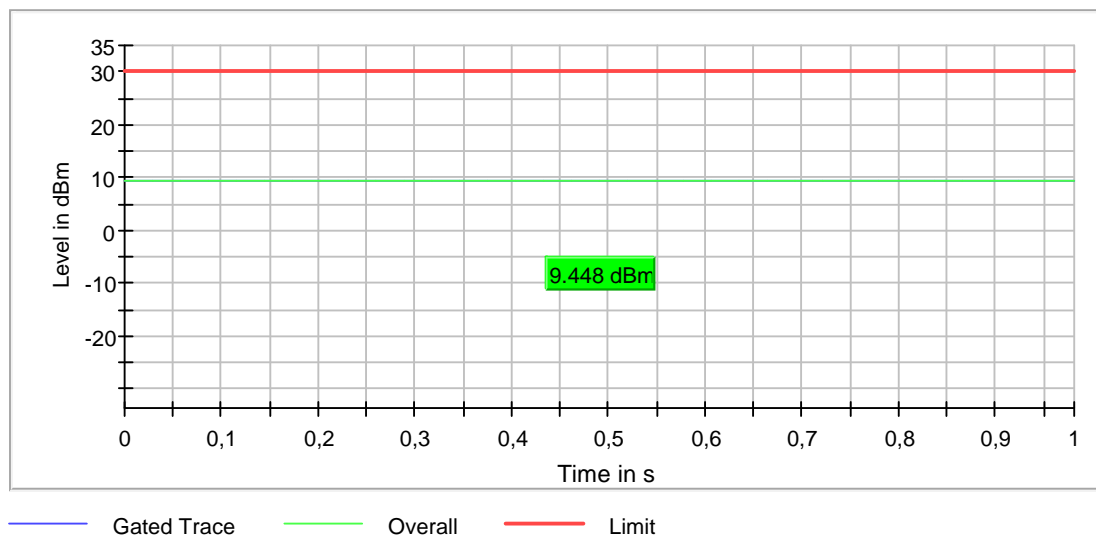
RF output power (5755 MHz; n40-mode [MCS0] (12 dBm); 40 MHz)

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	9.4	30.0	9.4	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

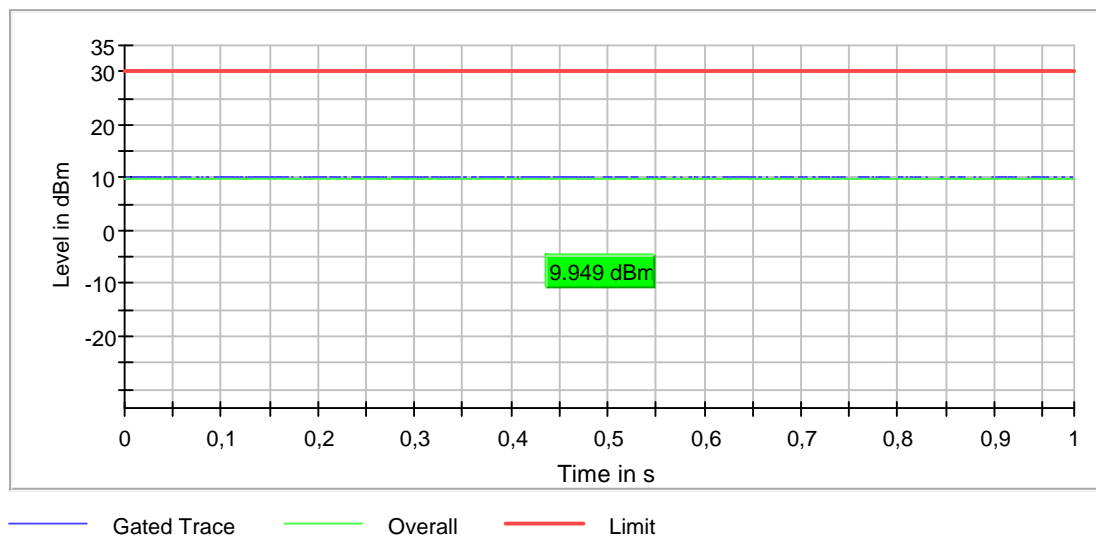
RF output power (5815 MHz; n40-mode [MCS0] (12 dBm); 40 MHz)

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	9.9	30.0	9.9	98.494	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 µs	1.000 µs

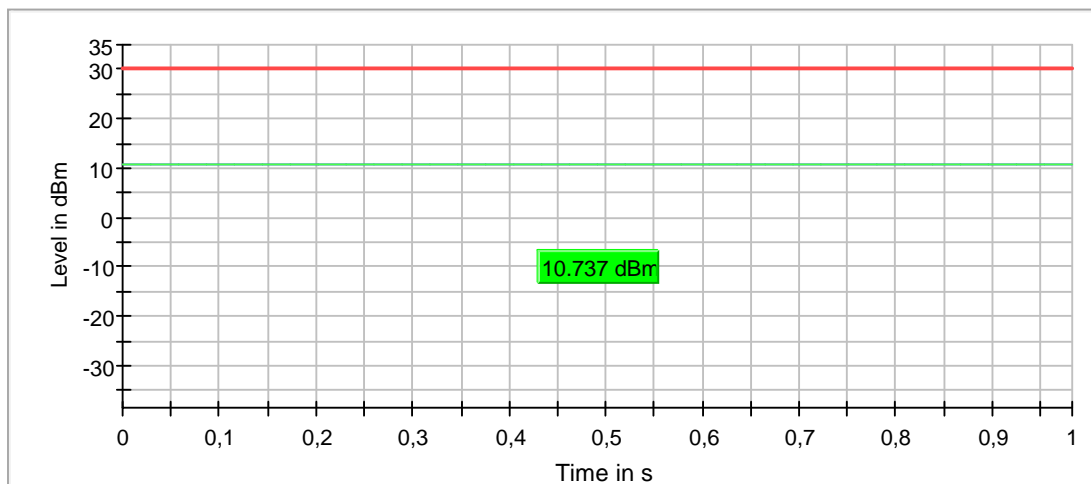
RF output power (5190 MHz; ac40-mode [MCS0] (12 dBm); 40 MHz)

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	98.487	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 µs	1.000 µs

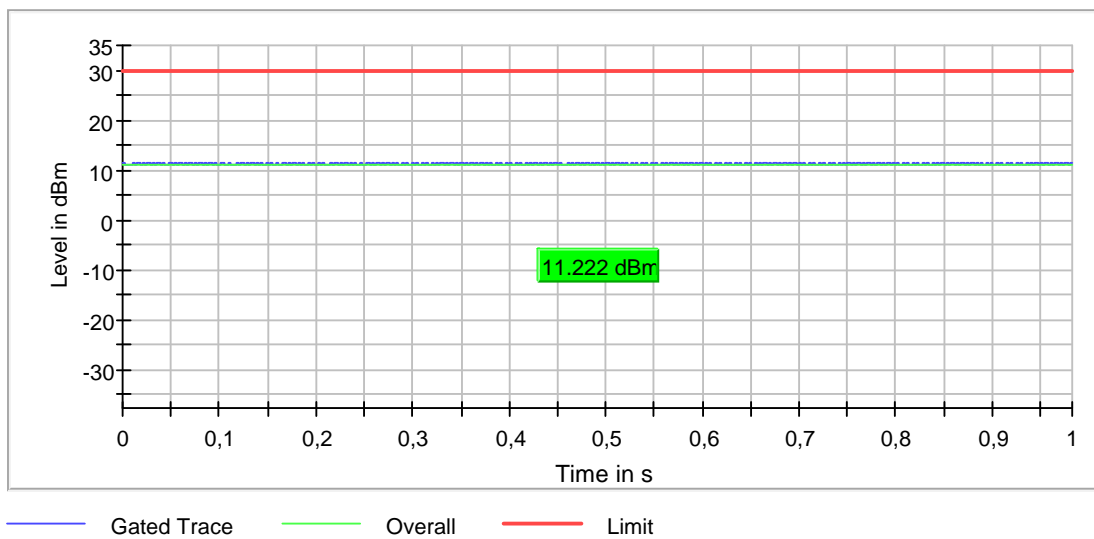
RF output power (5230 MHz; ac40-mode [MCS0] (12 dBm); 40 MHz)

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	11.2	30.0	11.2	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 µs	1.000 µs

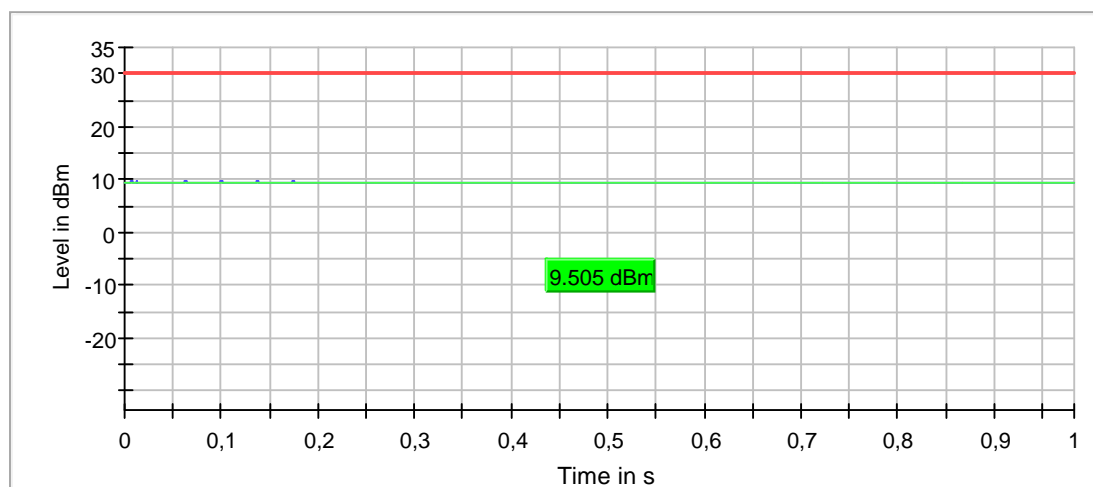
RF output power (5755 MHz; ac40-mode [MCS0] (12 dBm); 40 MHz)

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	9.5	30.0	9.5	98.499	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 µs	1.000 µs

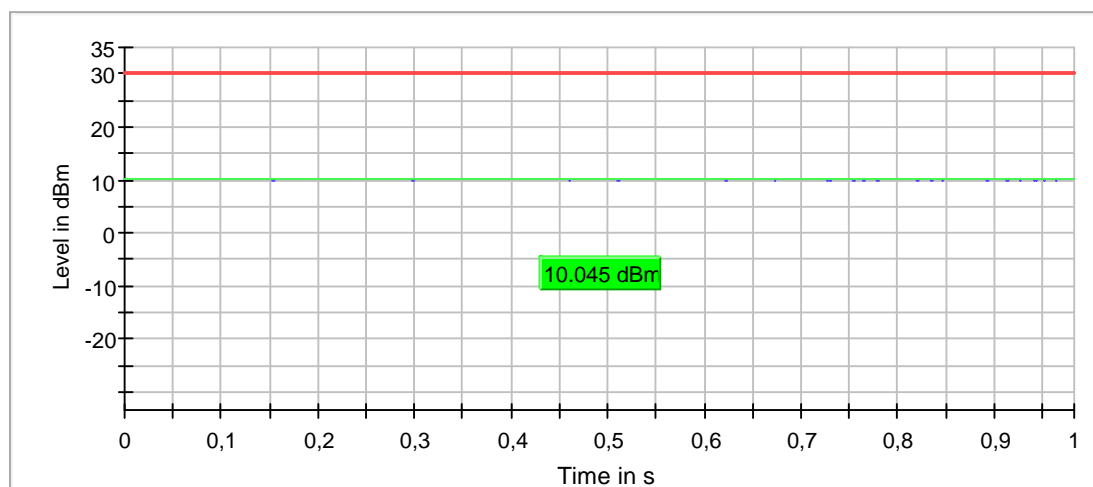
RF output power (5815 MHz; ac40-mode [MCS0] (12 dBm); 40 MHz)

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	10.0	30.0	10.0	98.494	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 µs	1.000 µs

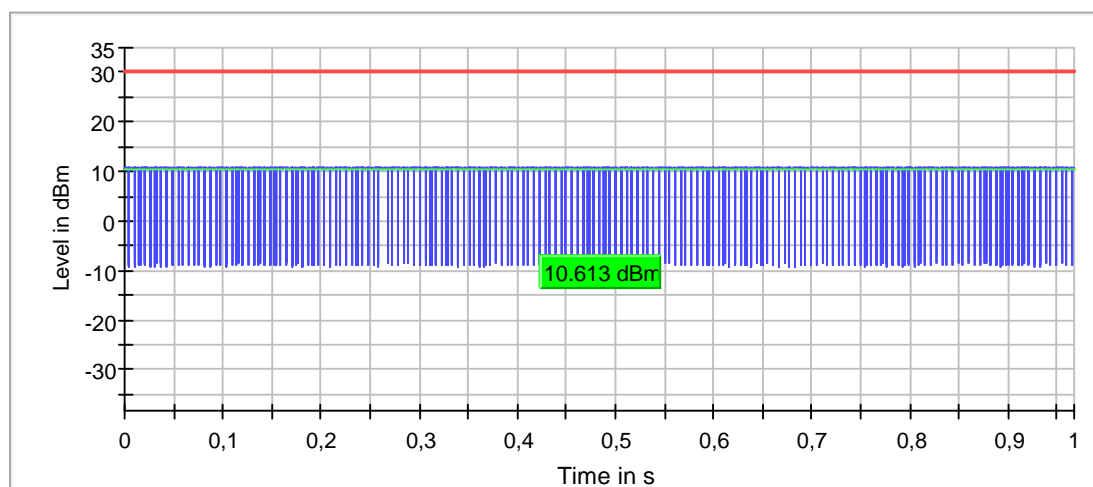
RF output power (5210 MHz; ac80-mode [MCS0]; 80 MHz)

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	96.960	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 µs	1.000 µs

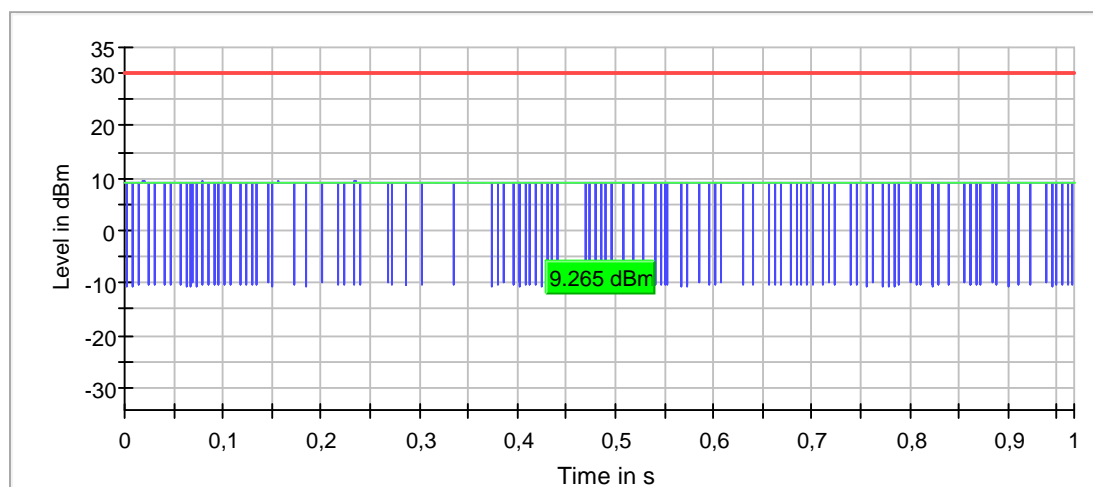
RF output power (5775 MHz; ac80-mode [MCS0] (12 dBm); 80 MHz)

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	9.3	30.0	9.3	96.946	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 µs	1.000 µs

End Of Annex 1