



80 MHz Bandwidth (2TX MIMO)

Mode	Data Rate/ MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuV/m)
802.11ac VHT80 CDD, Cores 0-1	MCS 8x1	-	-	5530	5470	63.59
802.11ac VHT80 SDM, Cores 0-1	MCS 4x2	-	-	5530	5470	63.40
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	SU	-	5530	5470	63.43
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	52	37	5530	5470	61.38
802.11ax HE80 SDM, Cores 0-1	MCS 4x2	SU	-	5530	5470	51.05
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	52	37	5530	5470	59.59
802.11ac VHT80 CDD, Cores 0-1	MCS 4x1	-	-	5610	5725	63.45
802.11ac VHT80 SDM, Cores 0-1	MCS 8x2	-	-	5610	5725	63.49
802.11ax HE80 CDD, Cores 0-1	MCS 4x1	SU	-	5610	5725	63.54
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	52	52	5610	5725	58.56
802.11ax HE80 SDM, Cores 0-1	MCS 4x2	SU	-	5610	5725	63.48
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	52	52	5610	5725	58.27
802.11ac VHT80 CDD, Cores 0-1	MCS 8x1	-	-	5775	5725	63.67
802.11ac VHT80 SDM, Cores 0-1	MCS 2x2	-	-	5775	5725	64.38
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	SU	-	5775	5725	63.69
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	26	0	5775	5725	57.29
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	SU	-	5775	5725	64.12
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	26	0	5775	5725	57.66
802.11ac VHT80 CDD, Cores 0-1	MCS 4x1	-	-	5775	5850	63.44
802.11ac VHT80 SDM, Cores 0-1	MCS 8x2	-	-	5775	5850	63.69
802.11ax HE80 CDD, Cores 0-1	MCS 4x1	SU	-	5775	5850	63.44
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	26	36	5775	5850	58.16
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	SU	-	5775	5850	63.43
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	26	36	5775	5850	58.33

Table 731 - MIMO 2TX Authorised Band Edge Results

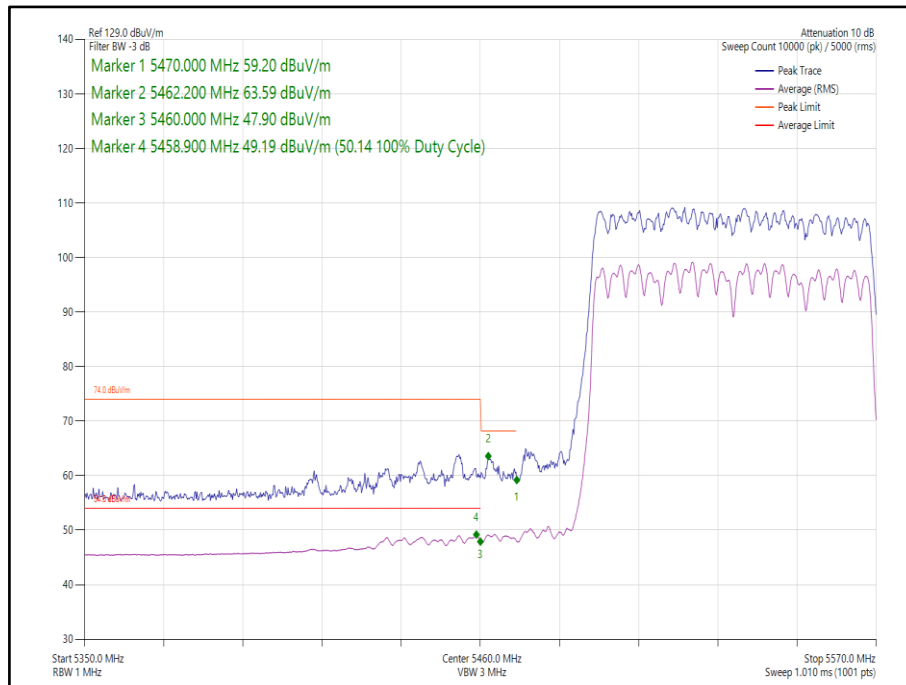


Figure 300 - 802.11ac VHT80 CDD, Cores 0-1 - 5530 MHz, Band Edge Frequency 5470 MHz

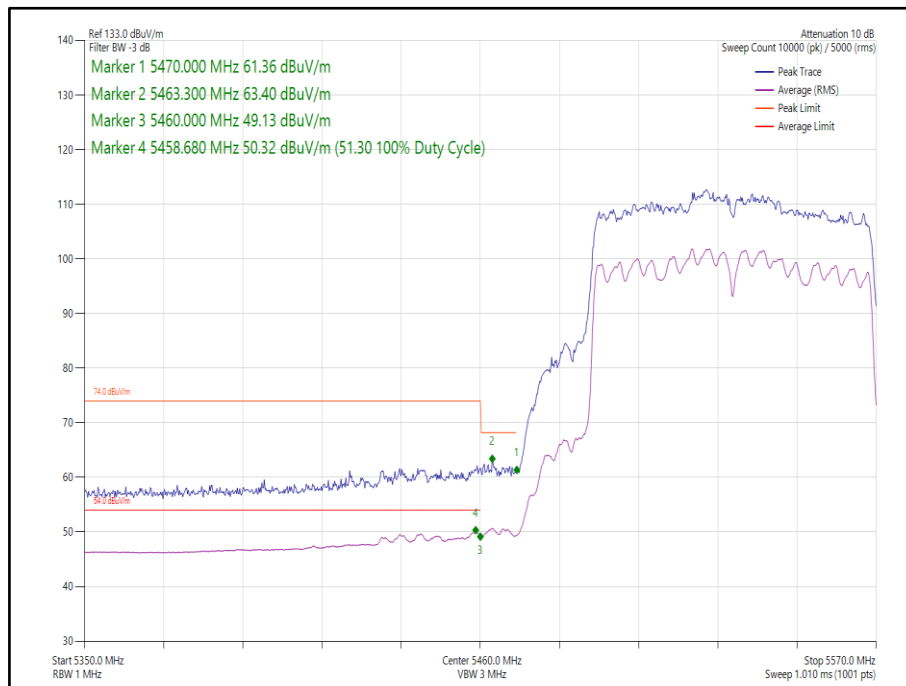


Figure 301 - 802.11ac VHT80 SDM, Cores 0-1 - 5530 MHz, Band Edge Frequency 5470 MHz

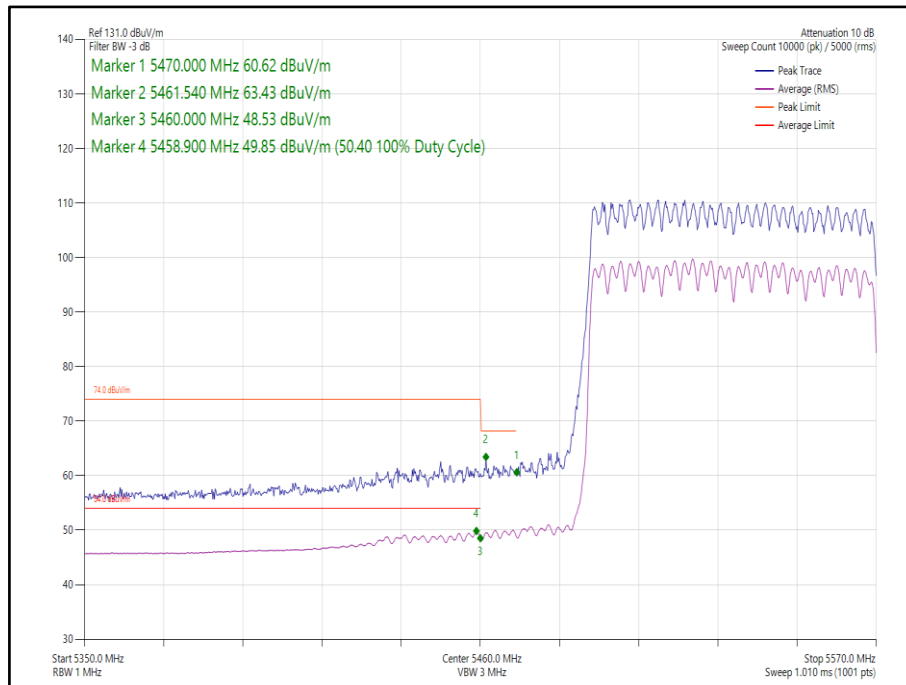


Figure 302 - 802.11ax HE80 CDD, Cores 0-1, SU - 5530 MHz, Band Edge Frequency 5470 MHz

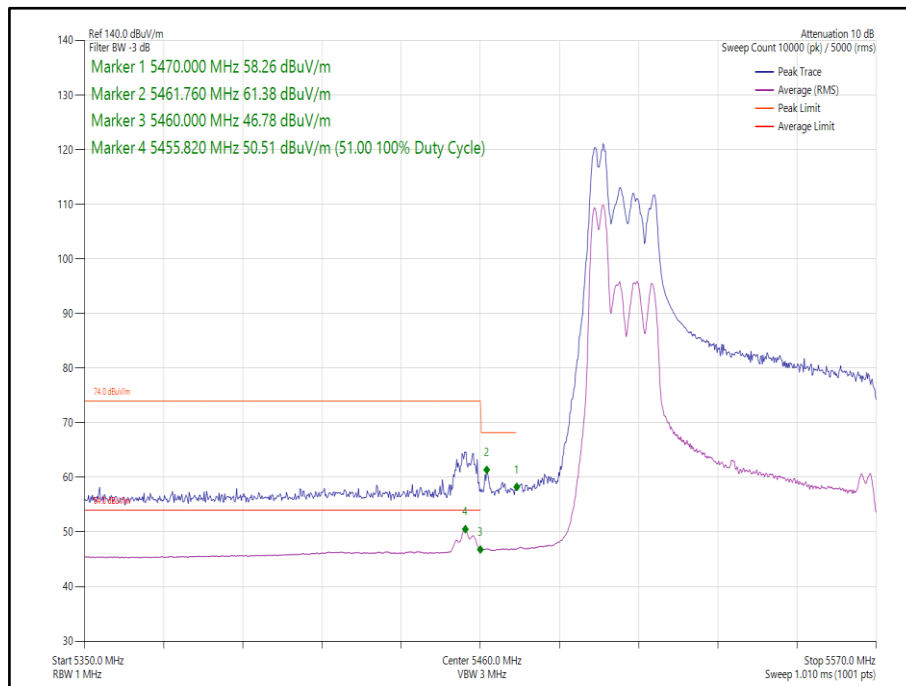


Figure 303 - 802.11ax HE80 CDD, Cores 0-1, 52-37- 5530 MHz, Band Edge Frequency 5470 MHz

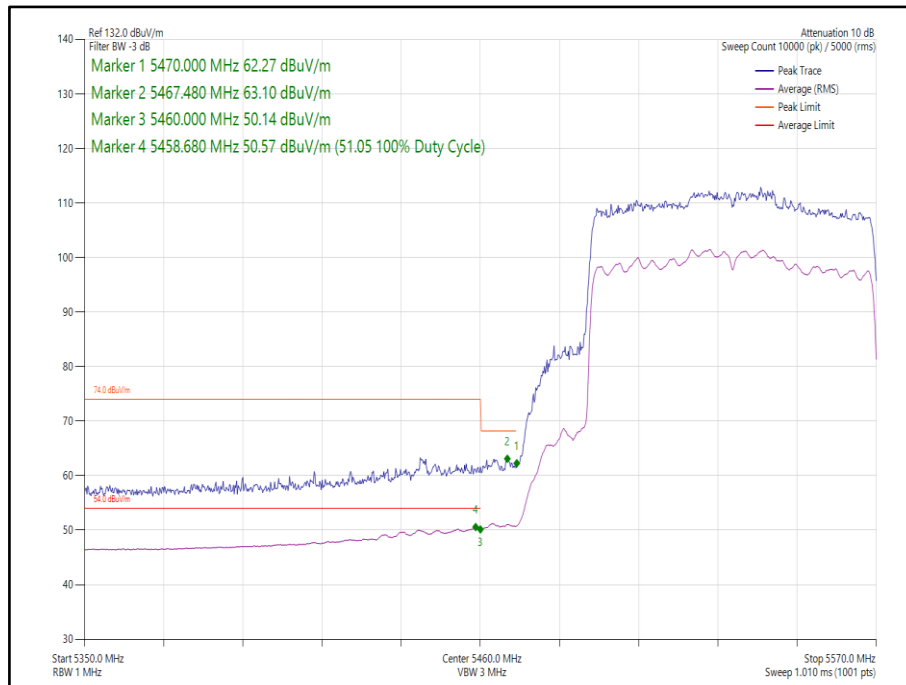


Figure 304 - 802.11ax HE80 SDM, Cores 0-1, SU - 5530 MHz, Band Edge Frequency 5470 MHz

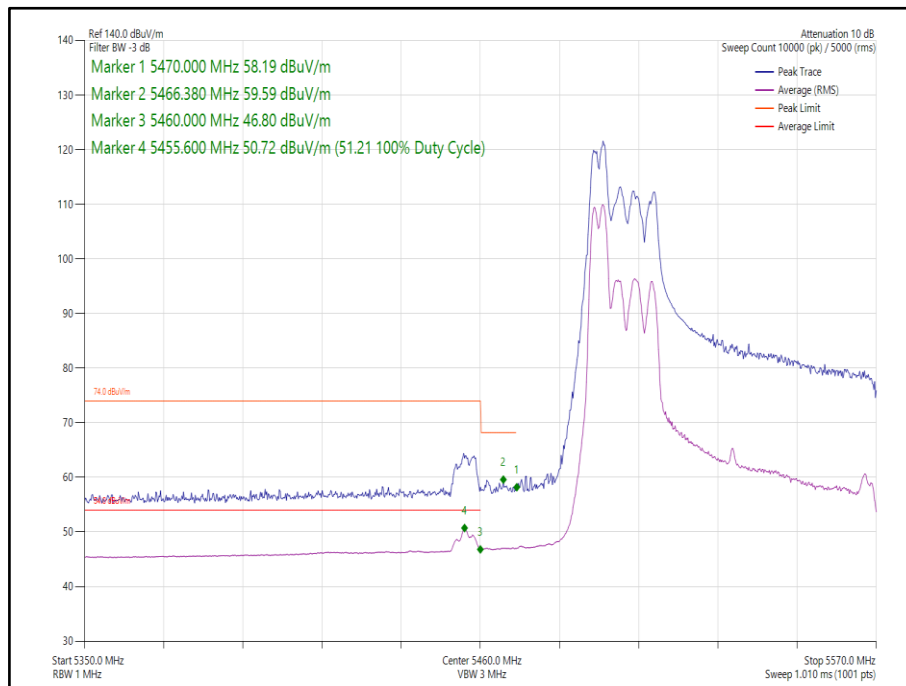


Figure 305 - 802.11ax HE80 SDM, Cores 0-1, 52-37 - 5530 MHz, Band Edge Frequency 5470 MHz

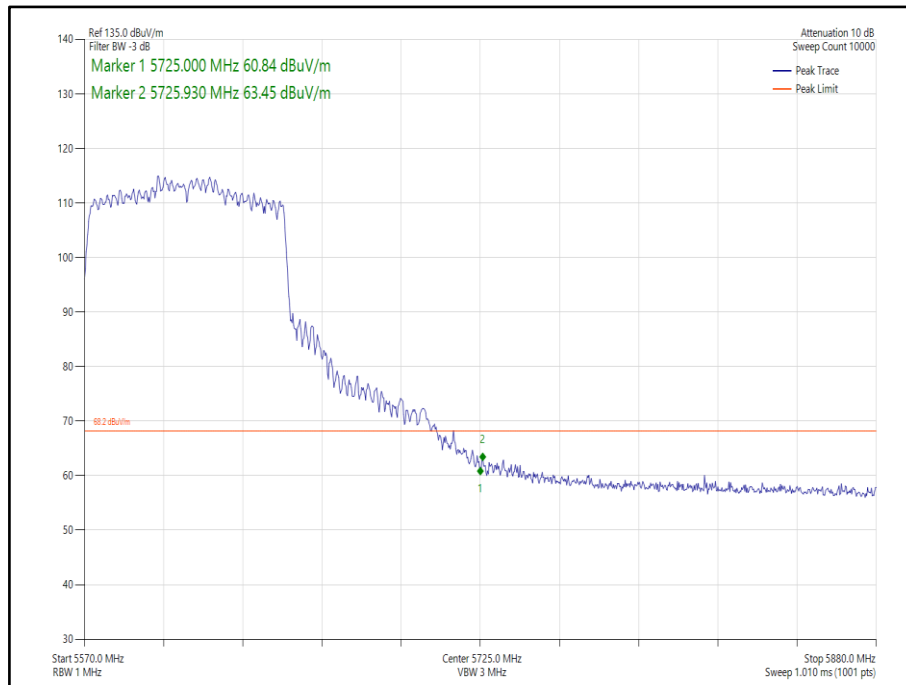


Figure 306 - 802.11ac VHT80 CDD, Cores 0-1 - 5610 MHz, Band Edge Frequency 5725 MHz

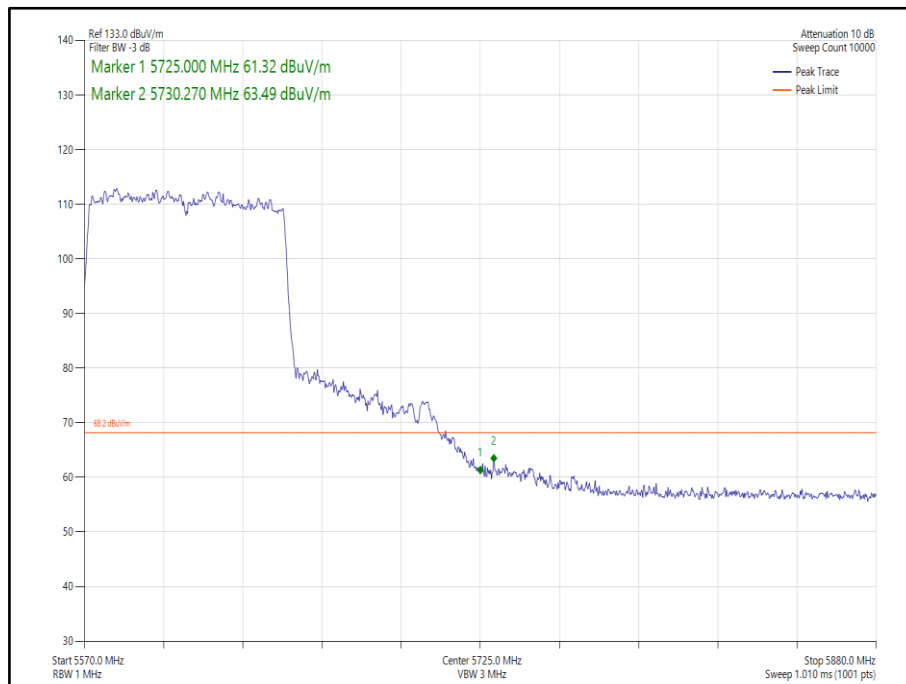


Figure 307 - 802.11ac VHT80 SDM, Cores 0-1 - 5610 MHz, Band Edge Frequency 5725 MHz

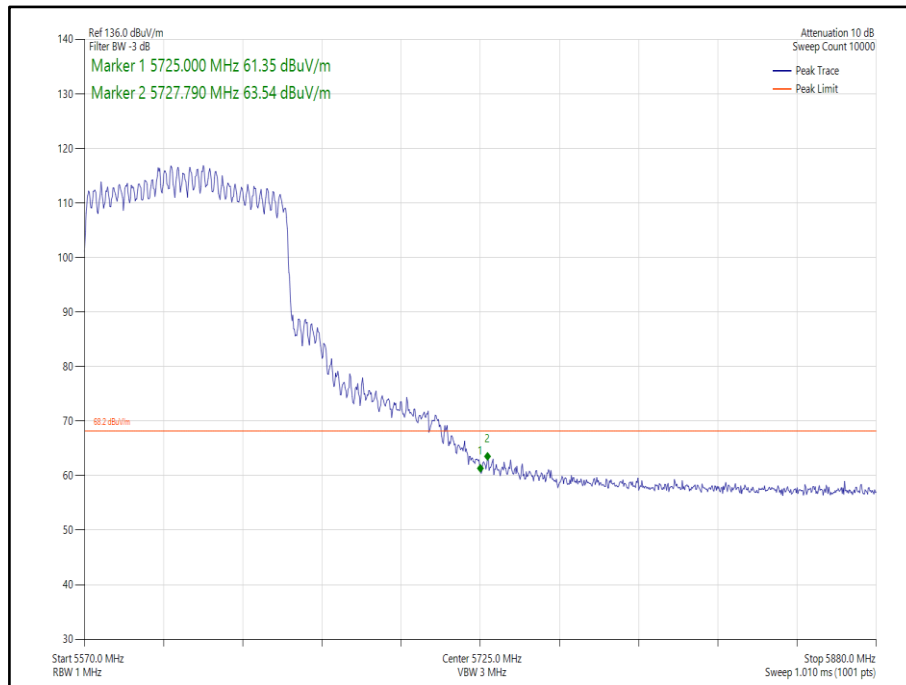


Figure 308 - 802.11ax HE80 CDD, Cores 0-1, SU - 5610 MHz, Band Edge Frequency 5725 MHz

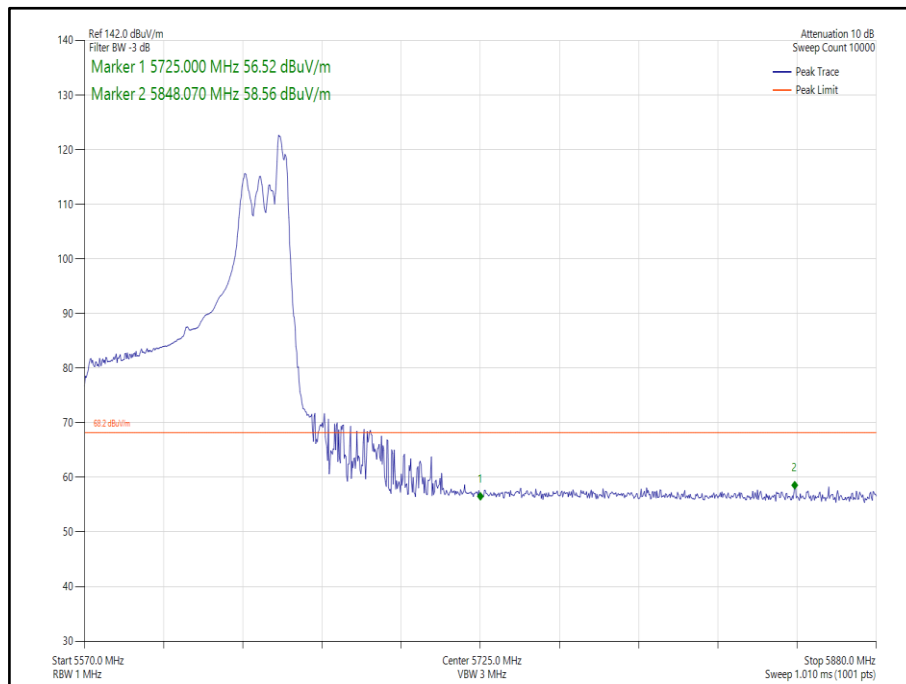


Figure 309 - 802.11ax HE80 CDD, Cores 0-1, 52-52- 5610 MHz, Band Edge Frequency 5725 MHz

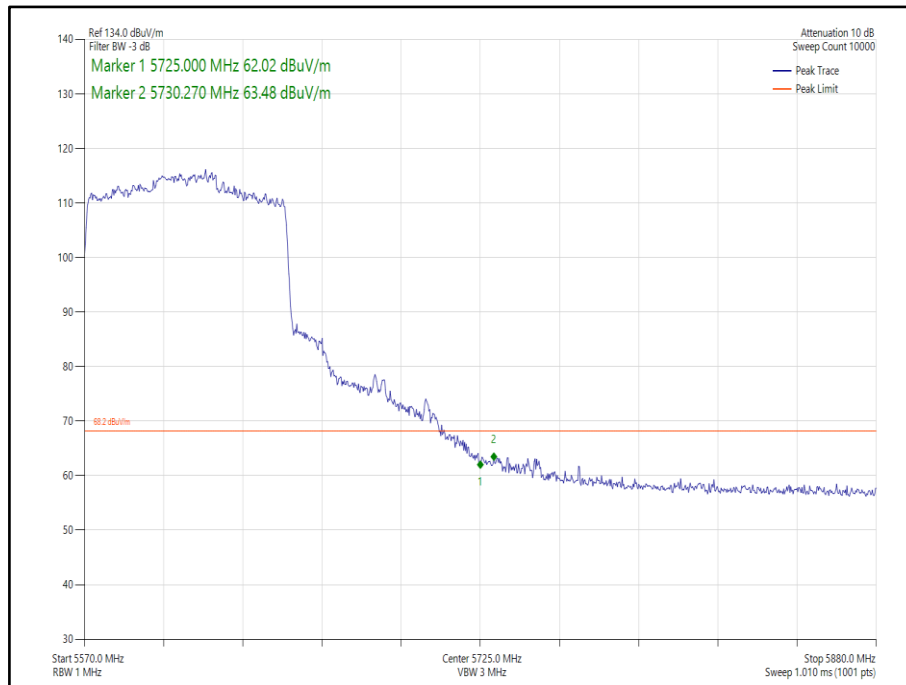


Figure 310 - 802.11ax HE80 SDM, Cores 0-1, SU - 5610 MHz, Band Edge Frequency 5725 MHz

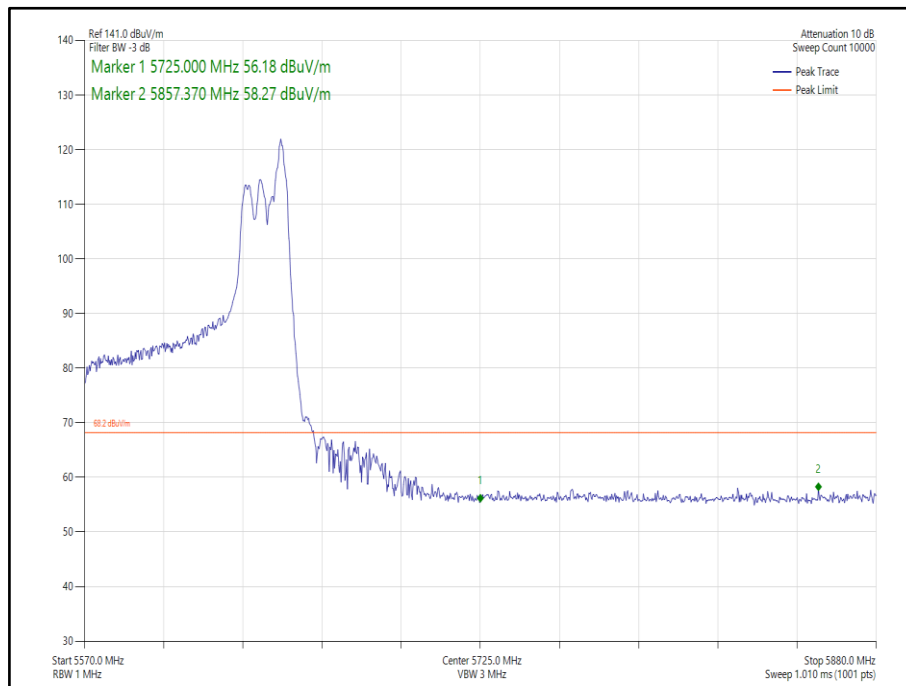


Figure 311 - 802.11ax HE80 SDM, Cores 0-1, 52-52 - 5610 MHz, Band Edge Frequency 5725 MHz

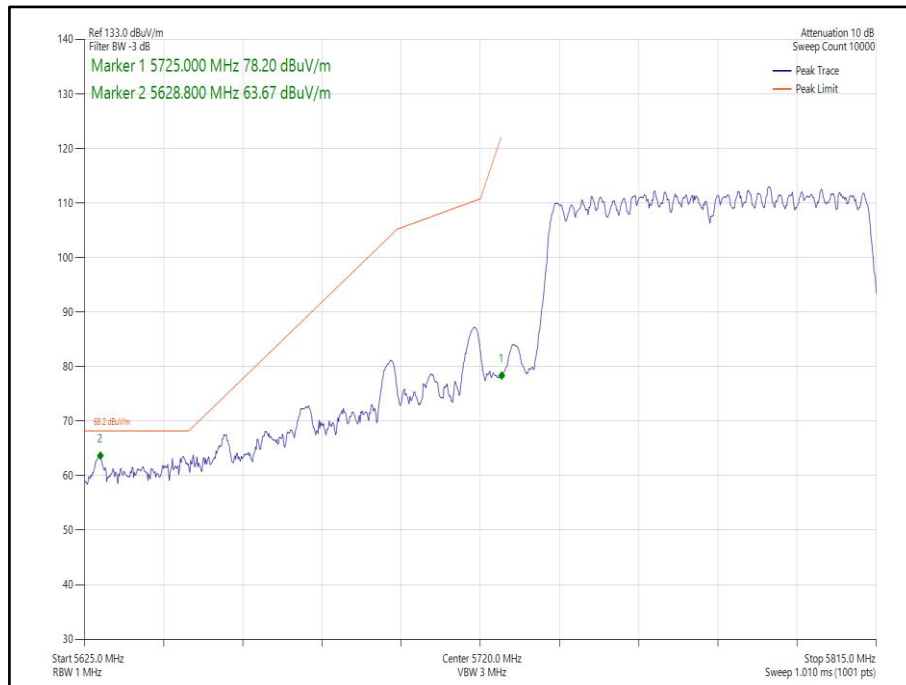


Figure 312 - 802.11ac VHT80 CDD, Cores 0-1 - 5775 MHz, Band Edge Frequency 5725 MHz

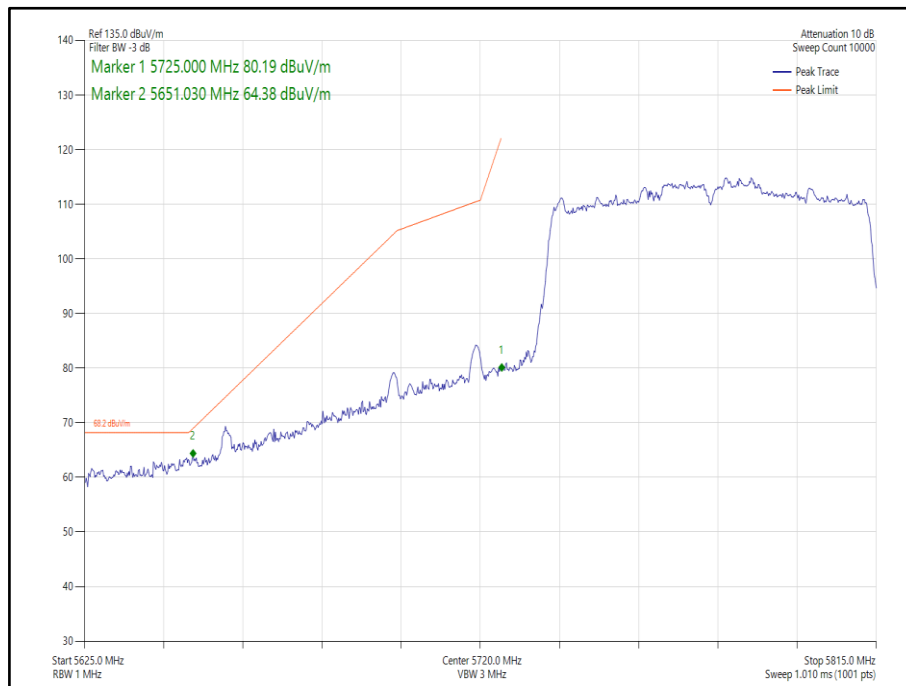


Figure 313 - 802.11ac VHT80 SDM, Cores 0-1 - 5775 MHz, Band Edge Frequency 5725 MHz

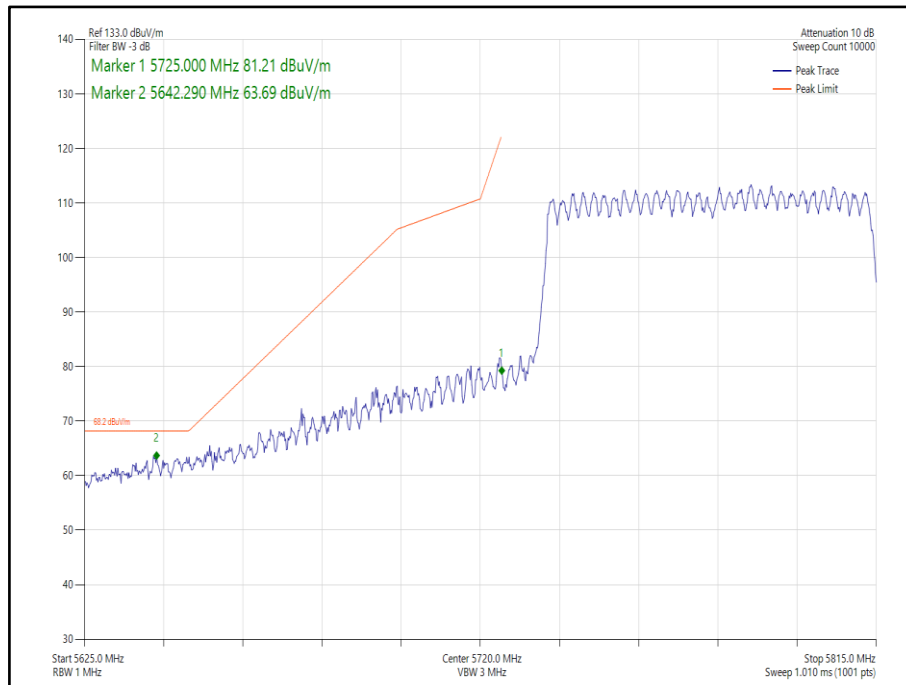


Figure 314 - 802.11ax HE80 CDD, Cores 0-1, SU - 5775 MHz, Band Edge Frequency 5725 MHz

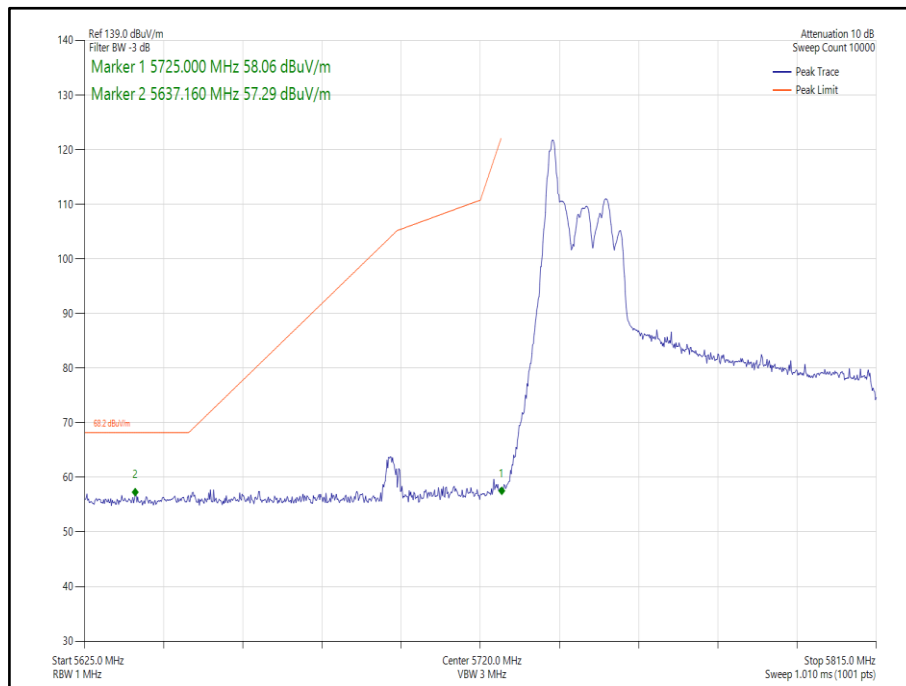


Figure 315 - 802.11ax HE80 CDD, Cores 0-1, 26-0 - 5775 MHz, Band Edge Frequency 5725 MHz

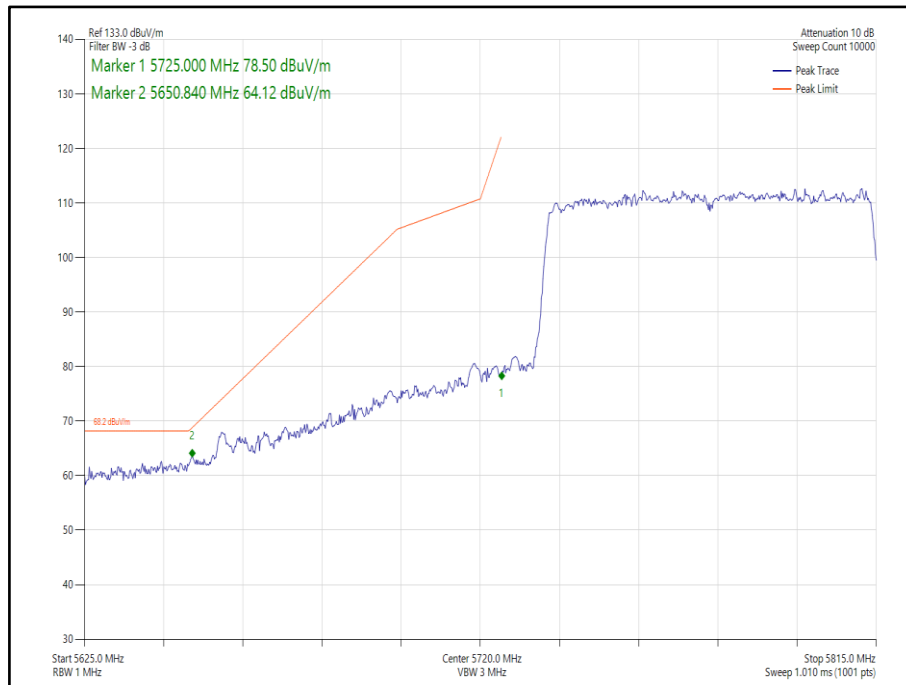


Figure 316 - 802.11ax HE80 SDM, Cores 0-1, SU - 5775 MHz, Band Edge Frequency 5725 MHz

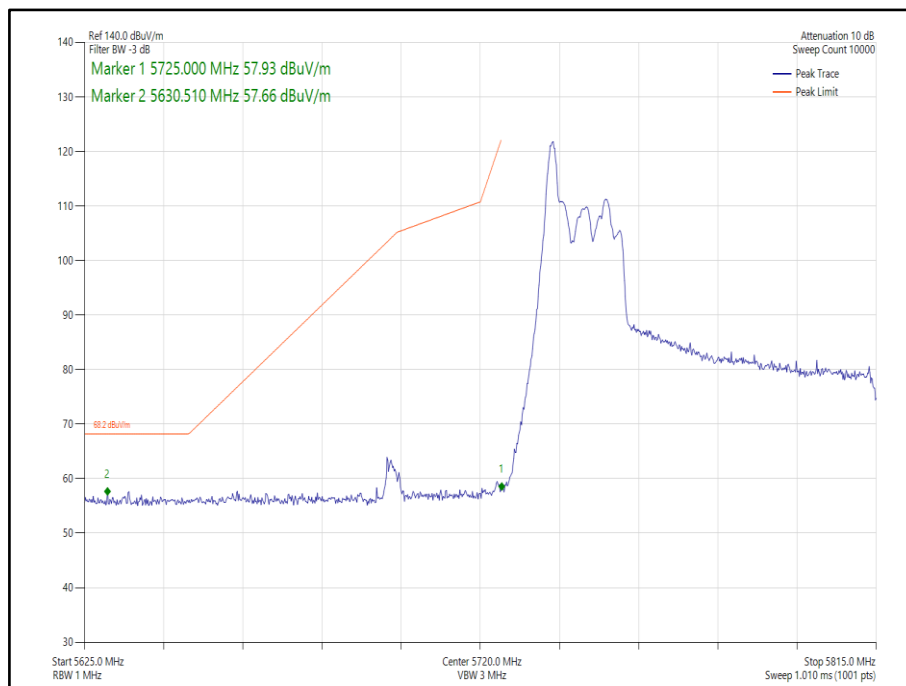


Figure 317 - 802.11ax HE80 SDM, Cores 0-1, 26-0 - 5775 MHz, Band Edge Frequency 5725 MHz

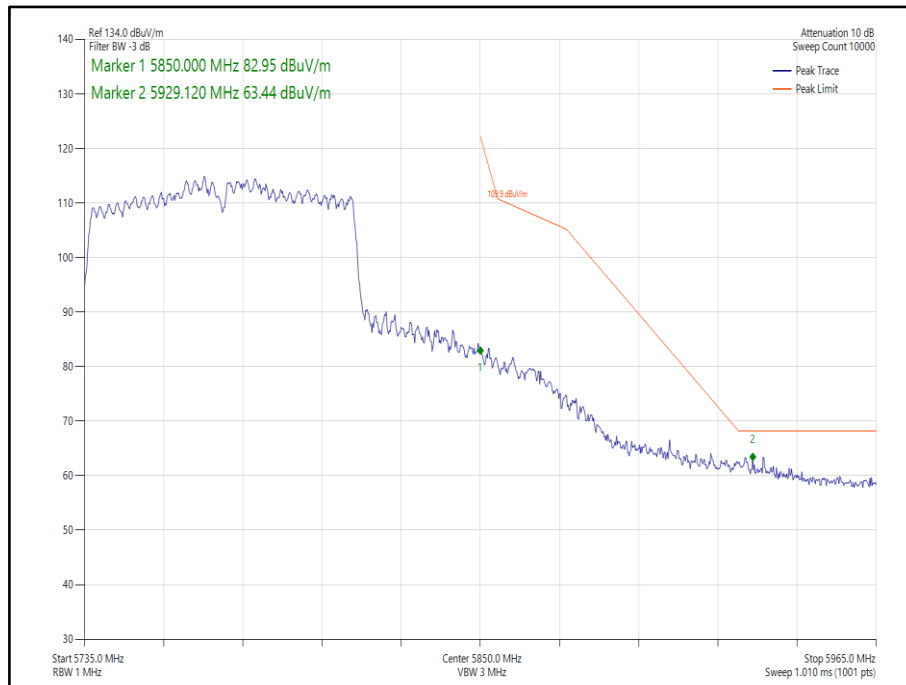


Figure 318 - 802.11ac VHT80 CDD, Cores 0-1 - 5775 MHz, Band Edge Frequency 5850 MHz

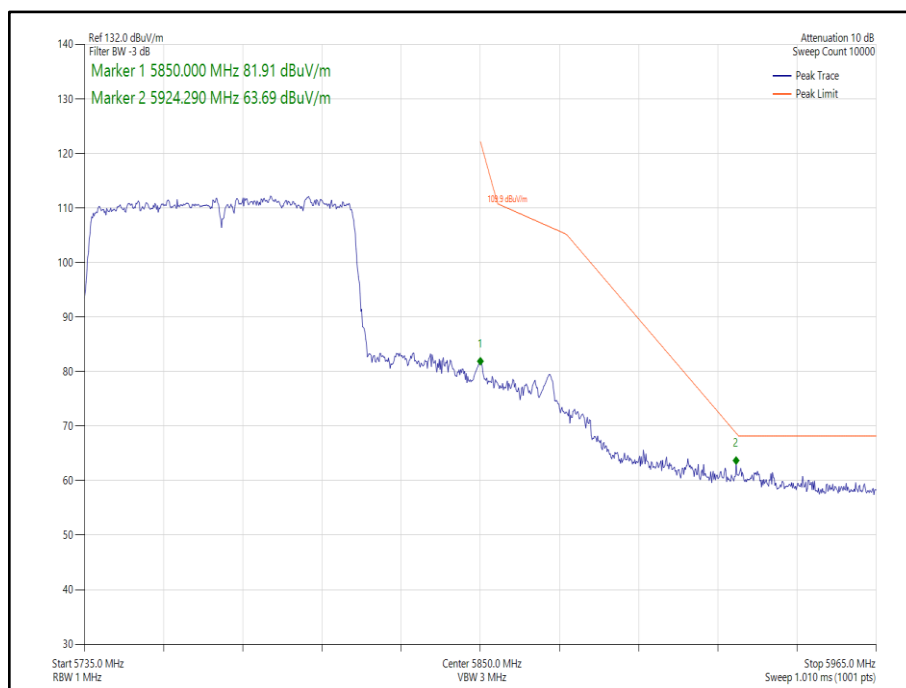


Figure 319 - 802.11ac VHT80 SDM, Cores 0-1 - 5775 MHz, Band Edge Frequency 5850 MHz

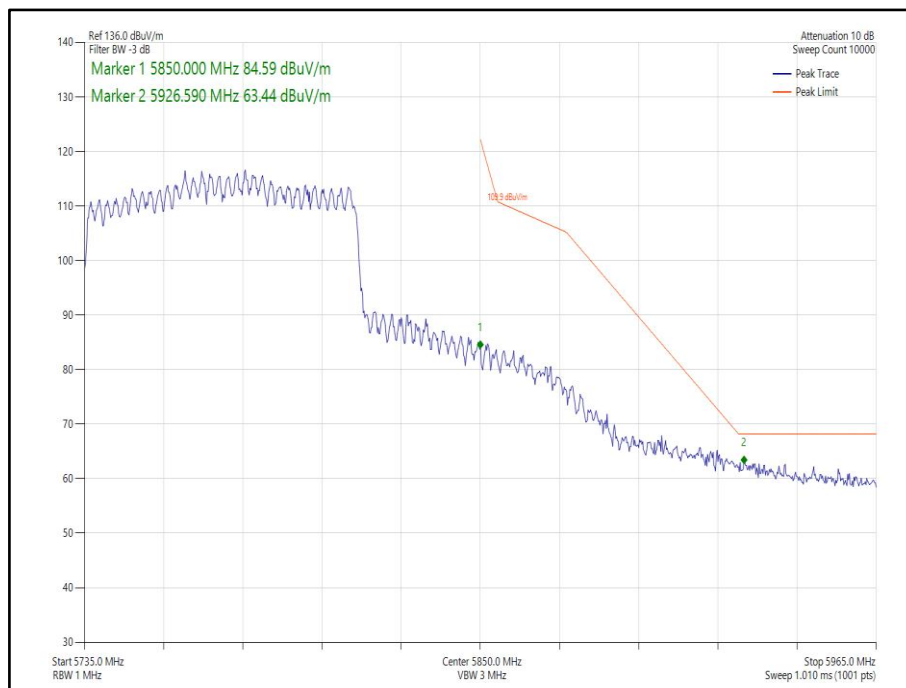


Figure 320 - 802.11ax HE80 CDD, Cores 0-1, SU - 5775 MHz, Band Edge Frequency 5850 MHz

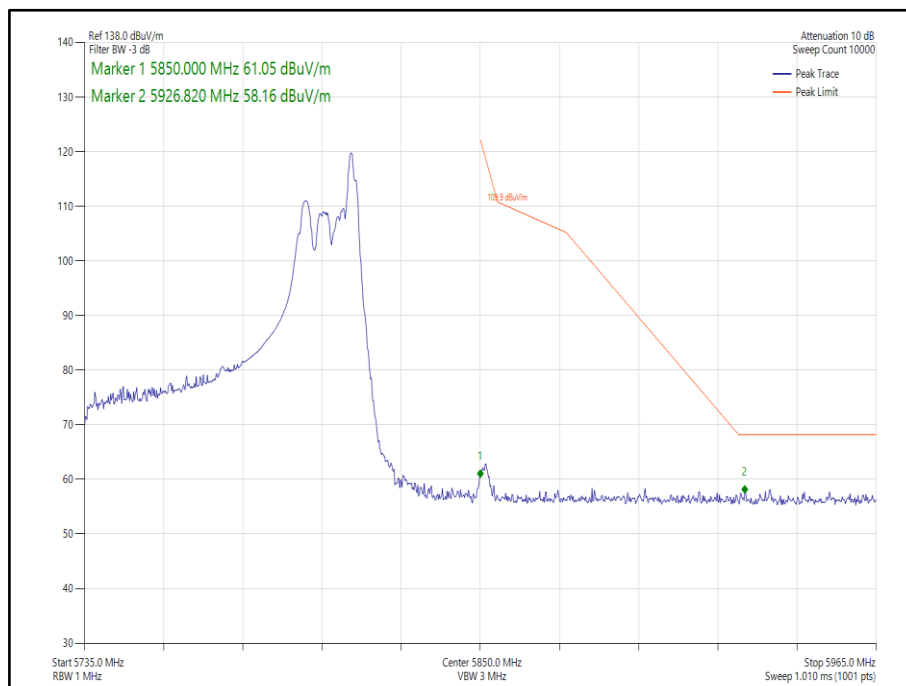


Figure 321 - 802.11ax HE80 CDD, Cores 0-1, 26-36 - 5775 MHz, Band Edge Frequency 5850 MHz

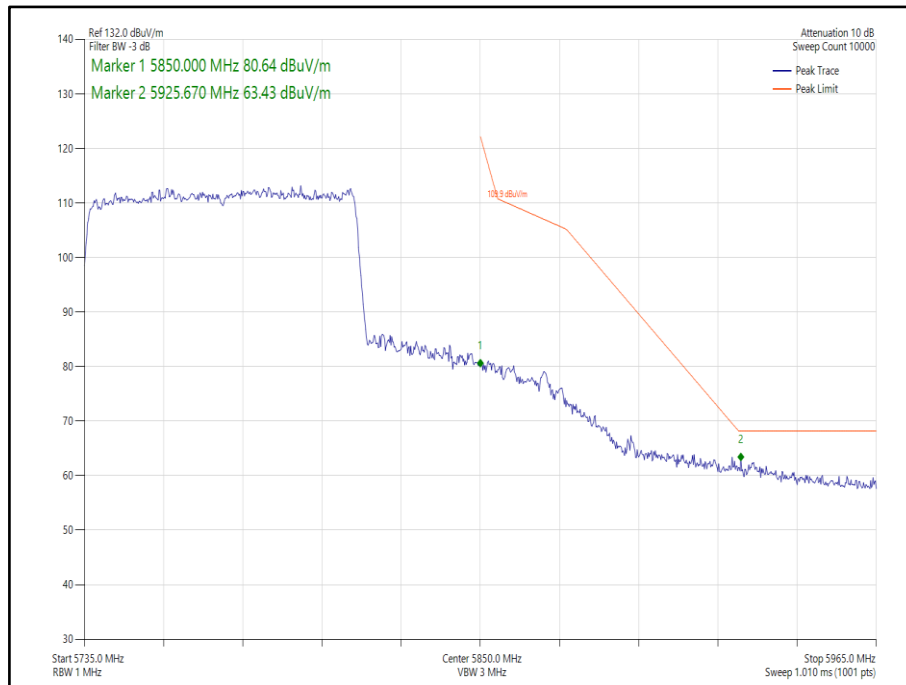


Figure 322 - 802.11ax HE80 SDM, Cores 0-1, SU -- 5775 MHz, Band Edge Frequency 5850 MHz

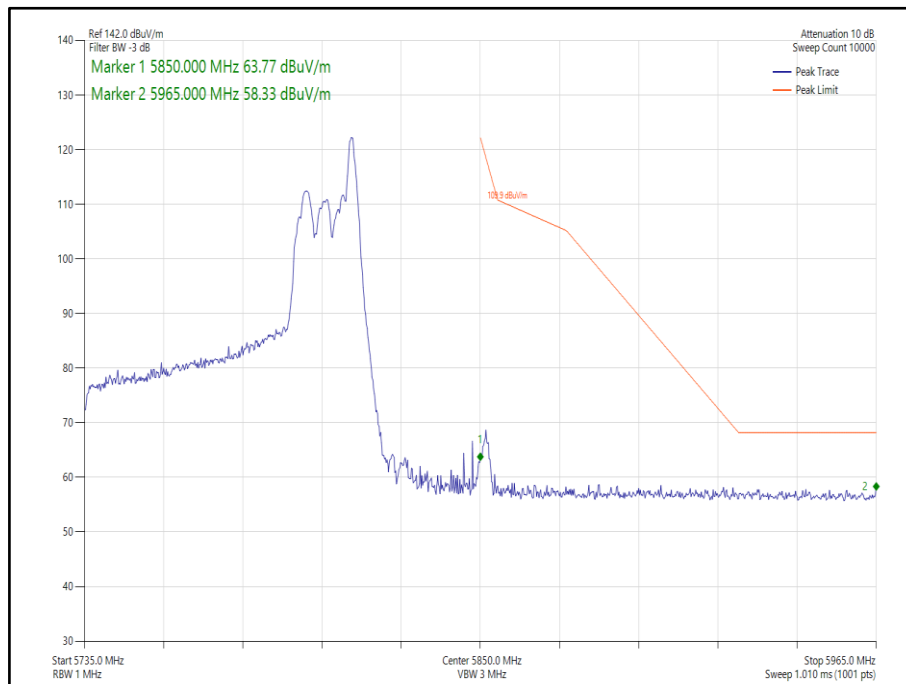


Figure 323 - 802.11ax HE80 SDM, Cores 0-1, 26-36 - 5775 MHz, Band Edge Frequency 5850 MHz

160 MHz Bandwidth (SISO)

Mode	Data Rate /MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuV/m)
802.11ac VHT160, Core 0	MCS 8x1	-	-	5570	5470	63.41
802.11ax HE160, Core 0	MCS 4x1	SU	-	5570	5470	63.20
802.11ax HE160, Core 0	MCS 11x1	52	37	5570	5470	65.91
802.11ac VHT160, Core 0	MCS 8x1	-	-	5570	5725	63.34
802.11ax HE160, Core 0	MCS 11x1	SU	-	5570	5725	63.64
802.11ax HE160, Core 0	MCS 11x1	52	52	5570	5725	61.46

Table 732 - SISO Authorised Band Edge Results

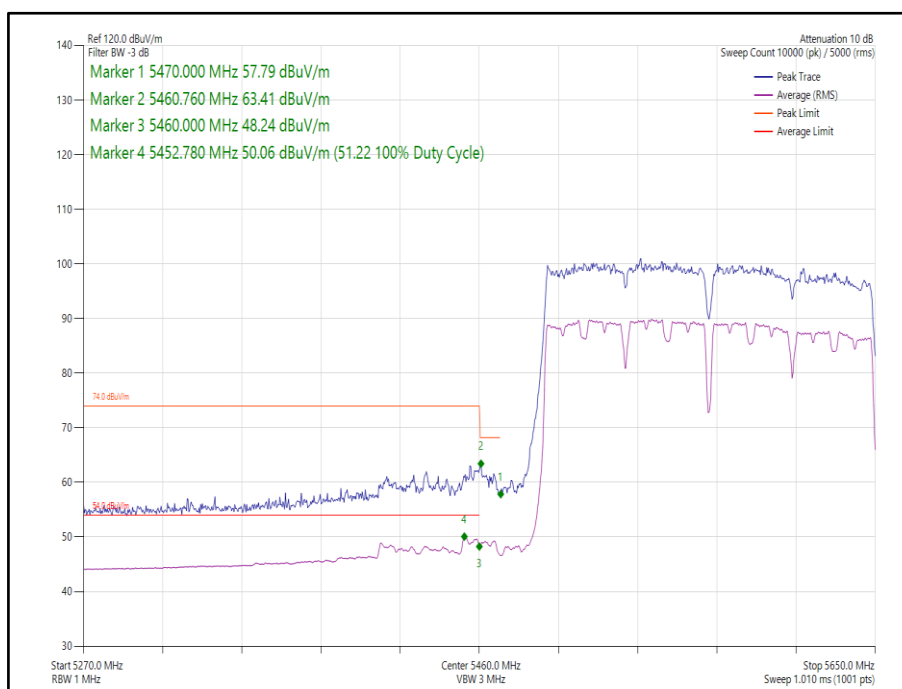


Figure 324 - 802.11ac VHT160 Core 0 - 5570 MHz, Band Edge Frequency 5470 MHz

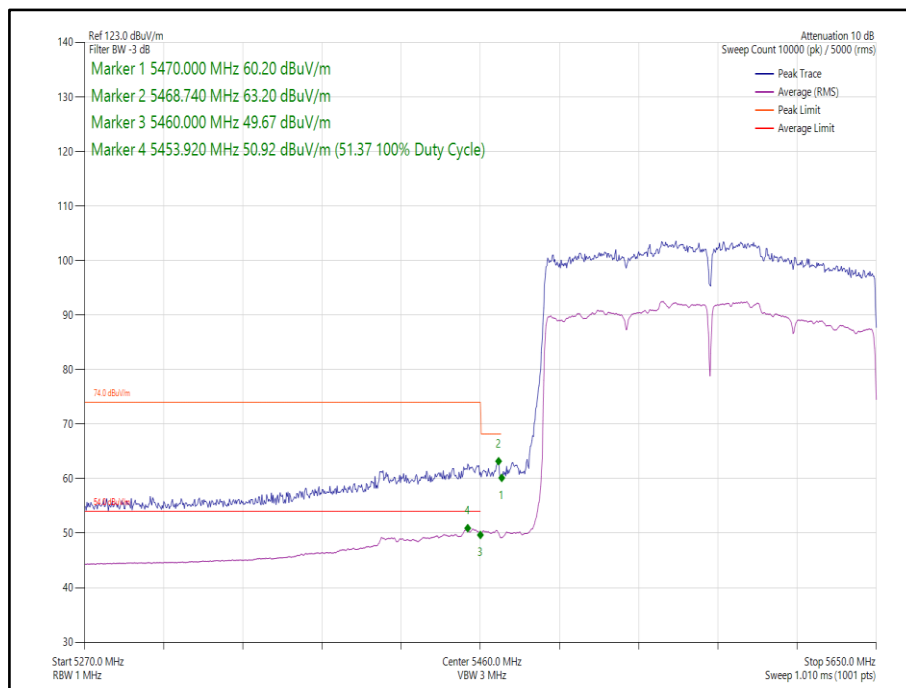


Figure 325 - 802.11ax HE160 Core 0 SU - 5570 MHz, Band Edge Frequency 5470 MHz

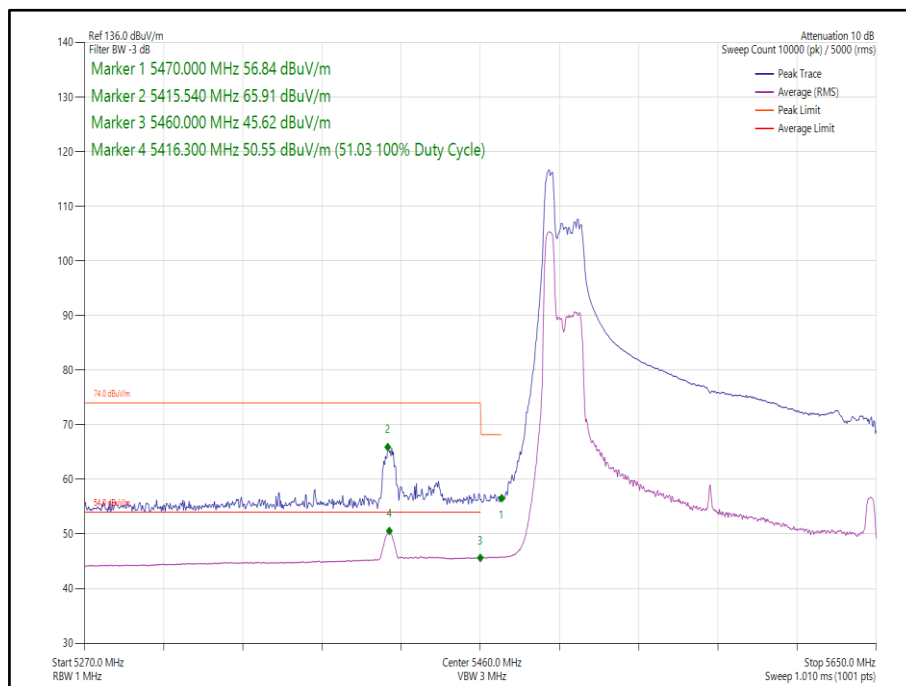


Figure 326 - 802.11ax HE160 Core 0 52-37- 5570 MHz, Band Edge Frequency 5470 MHz

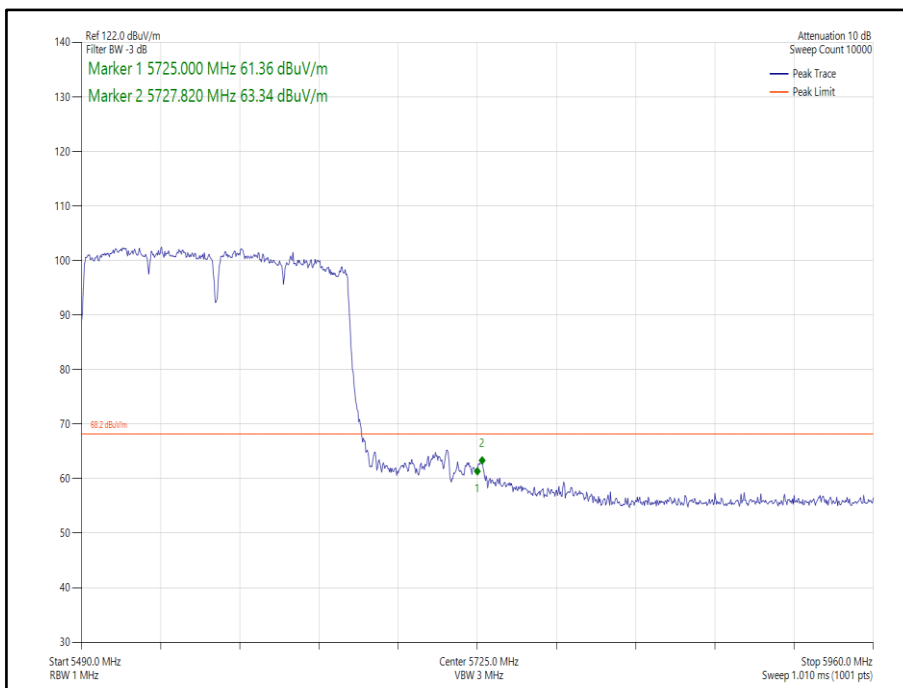


Figure 327 - 802.11ac VHT160 Core 0- 5570 MHz, Band Edge Frequency 5725 MHz

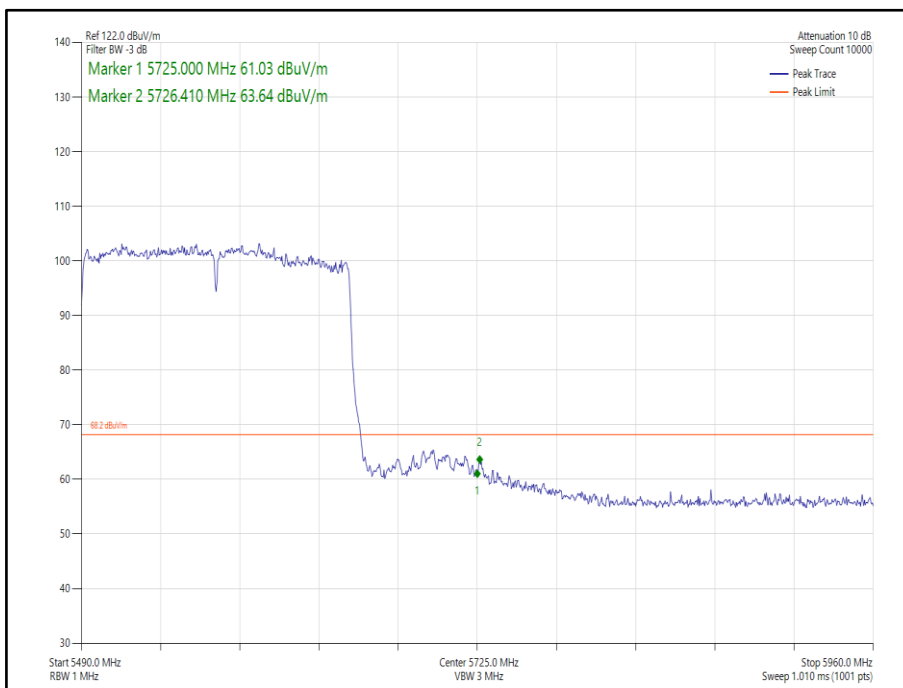


Figure 328 - 802.11ax HE160 Core 0 SU - 5570 MHz, Band Edge Frequency 5725 MHz

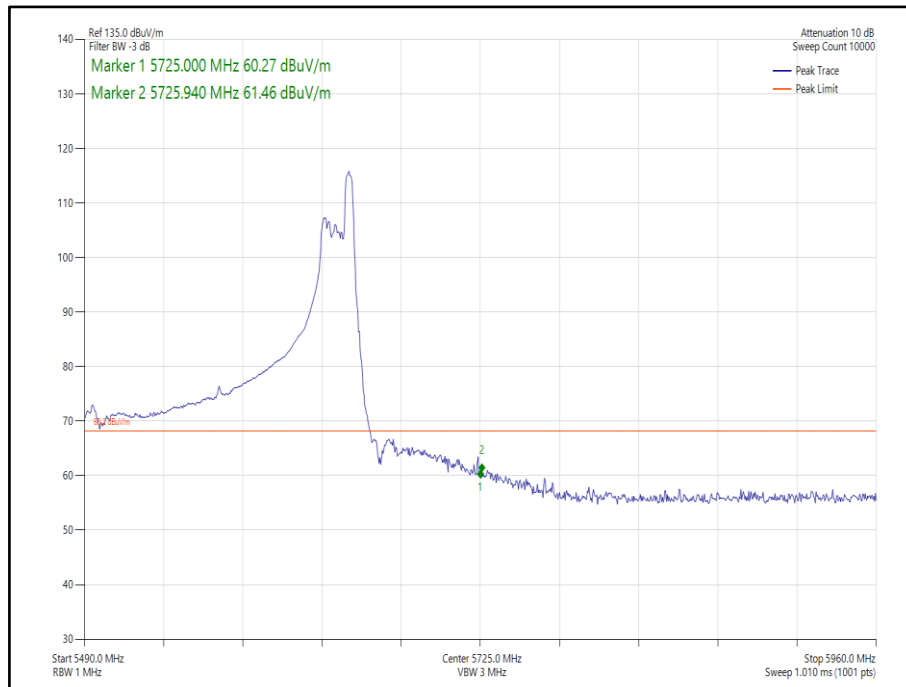


Figure 329 - 802.11ax HE160 Core 0 52-52- 5570 MHz, Band Edge Frequency 5725 MHz



160 MHz Bandwidth (2TX MIMO)

Mode	Data Rate/ MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuV/m)
802.11ac VHT160 CDD, Cores 0-1	MCS 8x1	-	-	5570	5470	62.31
802.11ac VHT160 SDM, Cores 0-1	MCS 8x2	-	-	5570	5470	63.53
802.11ax HE160 CDD, Cores 0-1	MCS 4x1	SU	-	5570	5470	63.60
802.11ax HE160 CDD, Cores 0-1	MCS 11x1	52	37	5570	5470	56.80
802.11ax HE160 SDM, Cores 0-1	MCS 2x2	SU	-	5570	5470	63.27
802.11ax HE160 SDM, Cores 0-1	MCS 11x2	52	37	5570	5470	56.48
802.11ac VHT160 CDD, Cores 0-1	MCS 2x1	-	-	5570	5725	63.57
802.11ac VHT160 SDM, Cores 0-1	MCS 4x2	-	-	5570	5725	63.24
802.11ax HE160 CDD, Cores 0-1	MCS 11x1	SU	-	5570	5725	63.29
802.11ax HE160 CDD, Cores 0-1	MCS 11x1	52	52	5570	5725	63.20
802.11ax HE160 SDM, Cores 0-1	MCS 4x2	SU	-	5570	5725	63.15
802.11ax HE160 SDM, Cores 0-1	MCS 11x2	52	52	5570	5725	62.92

Table 733 - MIMO 2TX Authorised Band Edge Results

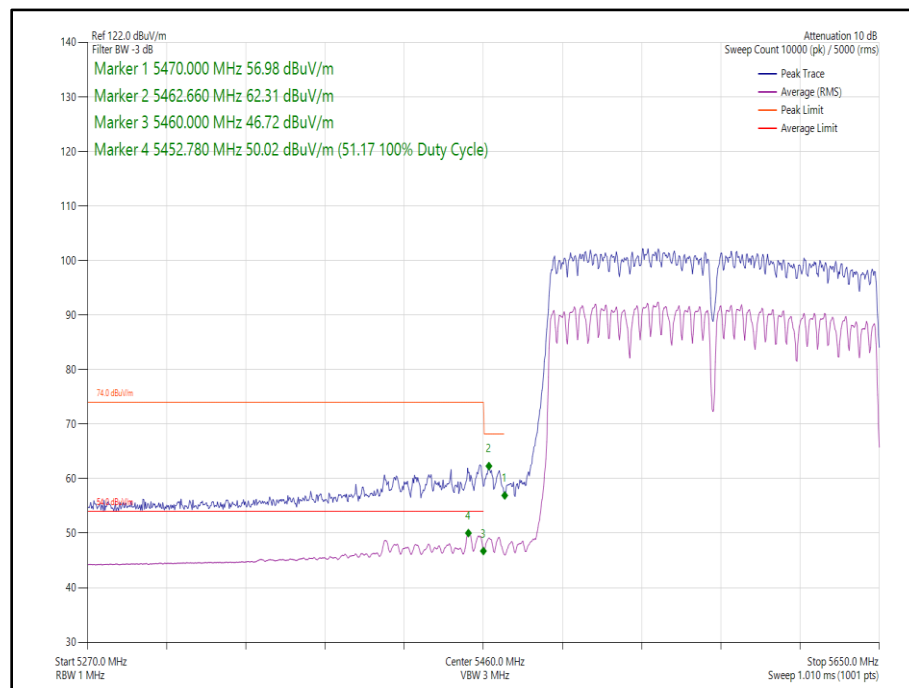


Figure 330 - 802.11ac VHT160 CDD, Cores 0-1 - 5570 MHz, Band Edge Frequency 5470 MHz

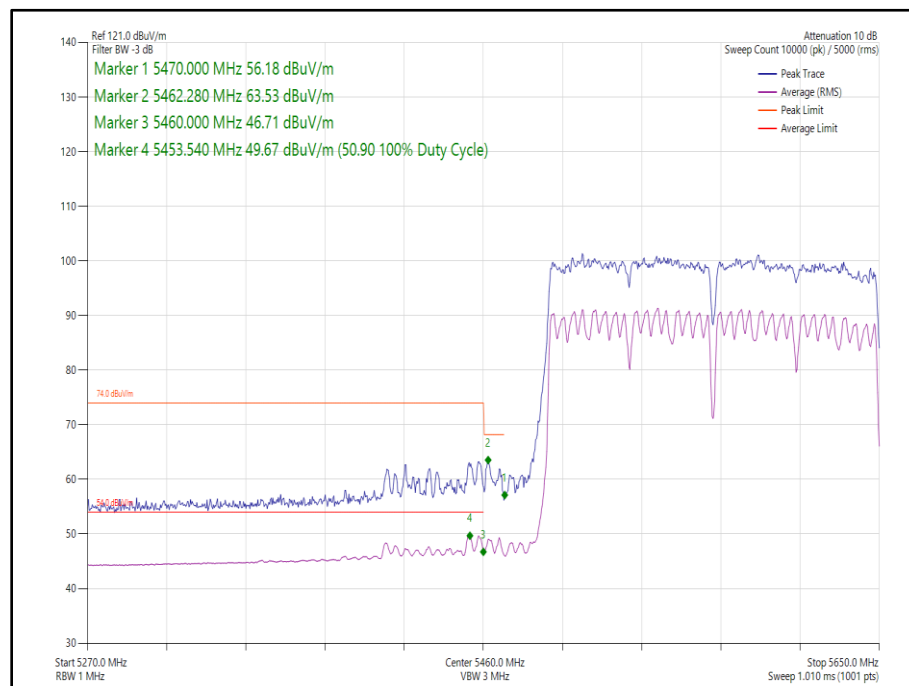


Figure 331 - 802.11ac VHT160 SDM, Cores 0-1 - 5570 MHz, Band Edge Frequency 5470 MHz

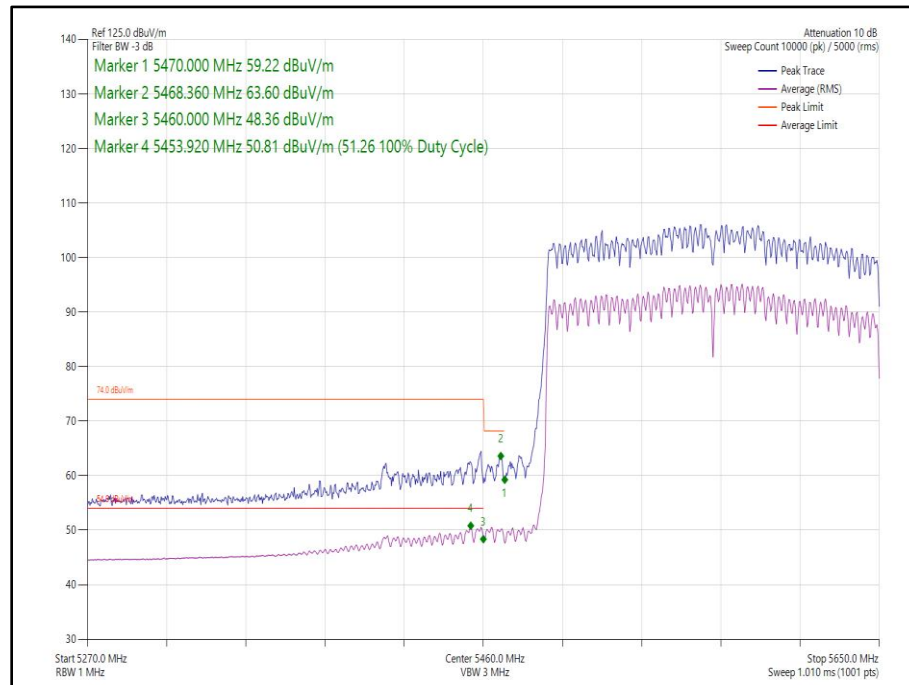


Figure 332 - 802.11ax HE160 CDD, Cores 0-1, SU - 5570 MHz, Band Edge Frequency 5470 MHz

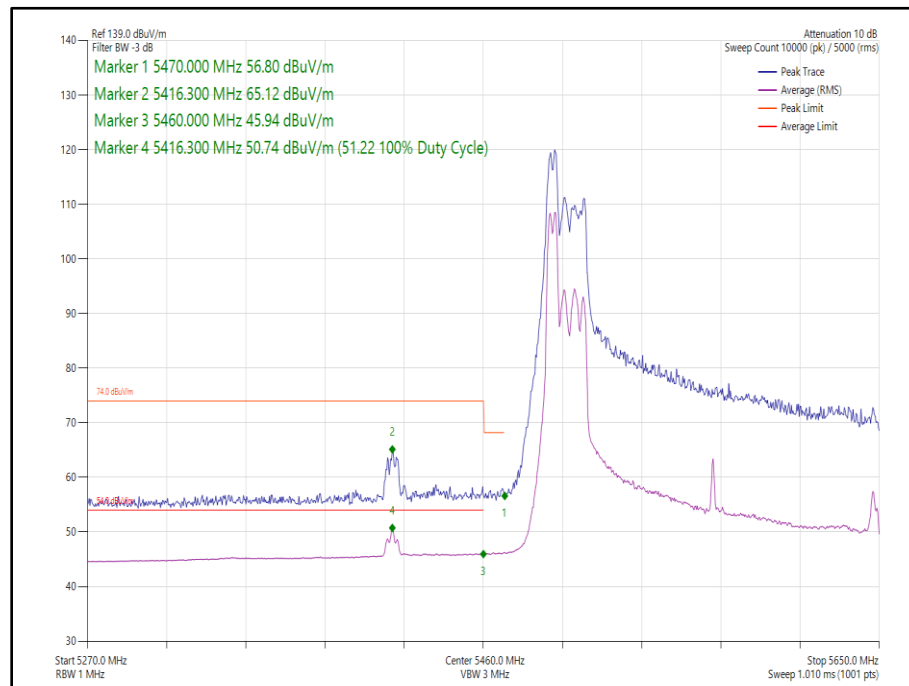


Figure 333 - 802.11ax HE160 CDD, Cores 0-1, 52-37- 5570 MHz, Band Edge Frequency 5470 MHz

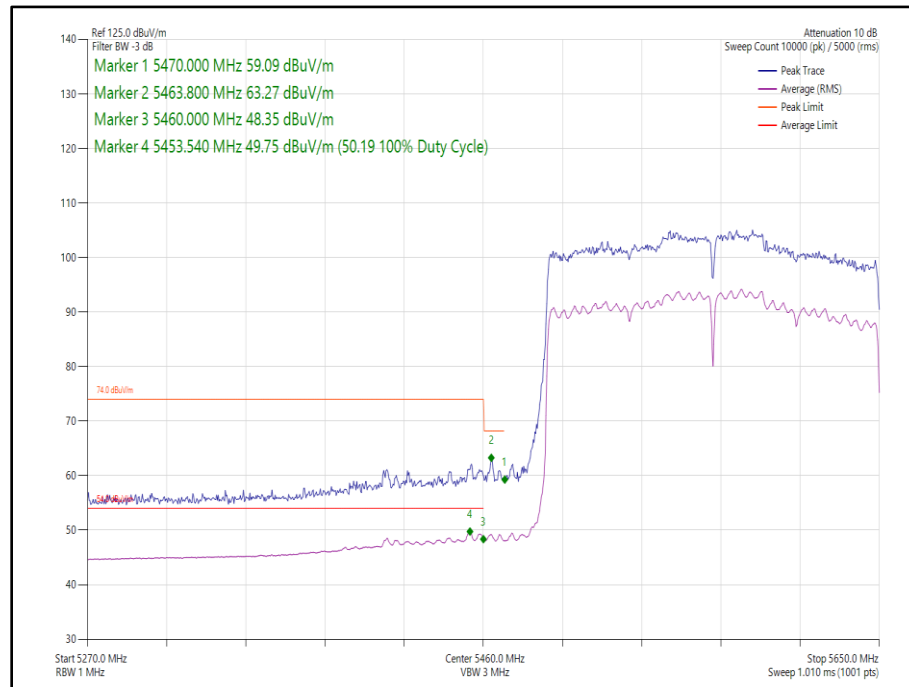


Figure 334 - 802.11ax HE160 SDM, Cores 0-1, SU - 5570 MHz, Band Edge Frequency 5470 MHz

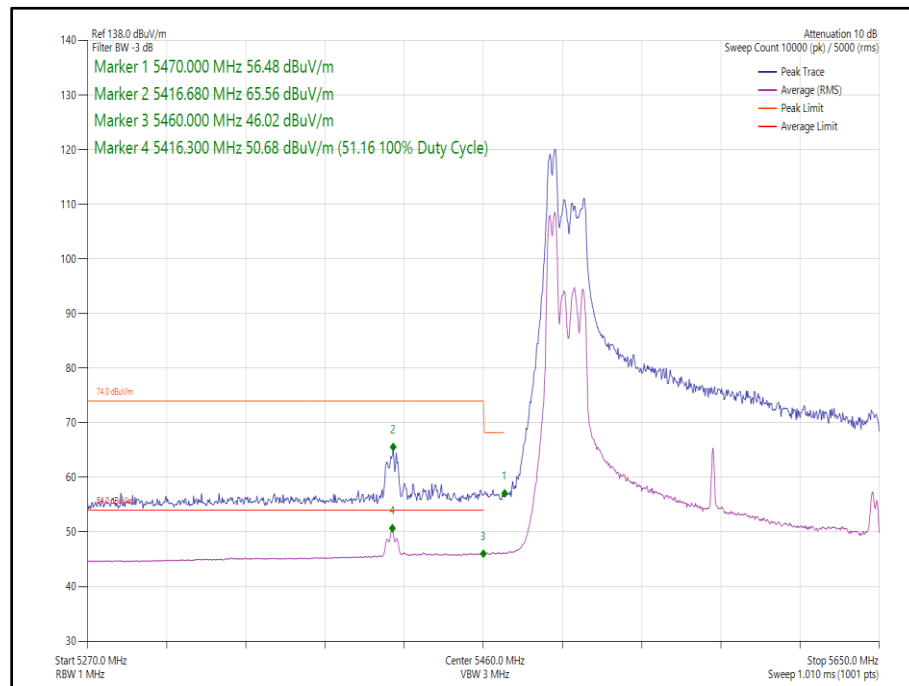


Figure 335 - 802.11ax HE160 SDM, Cores 0-1, 52-37 - 5570 MHz, Band Edge Frequency 5470 MHz

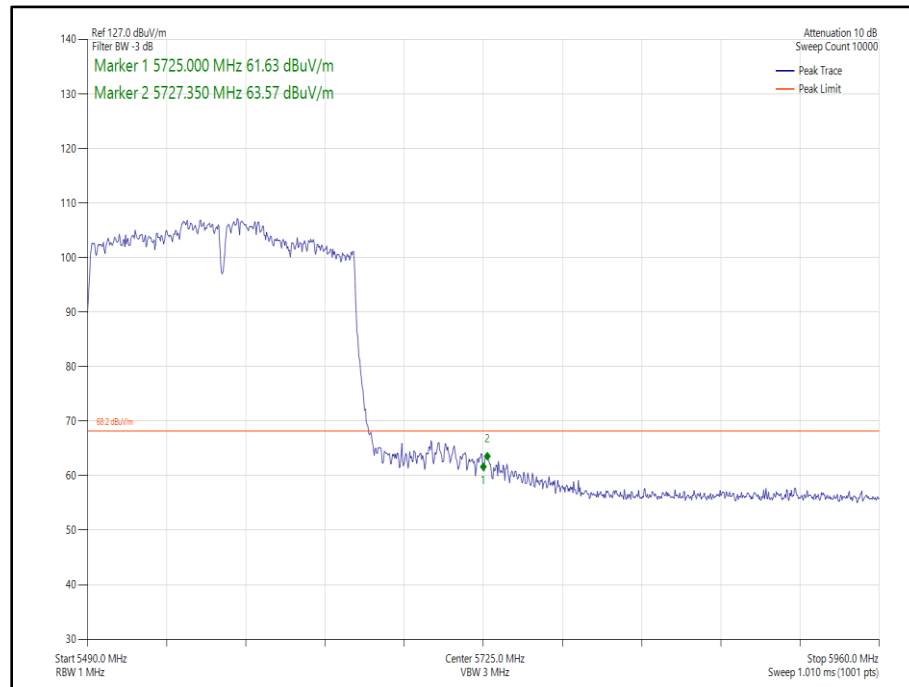


Figure 336 - 802.11ac VHT160 CDD, Cores 0-1 - 5570 MHz, Band Edge Frequency 5725 MHz

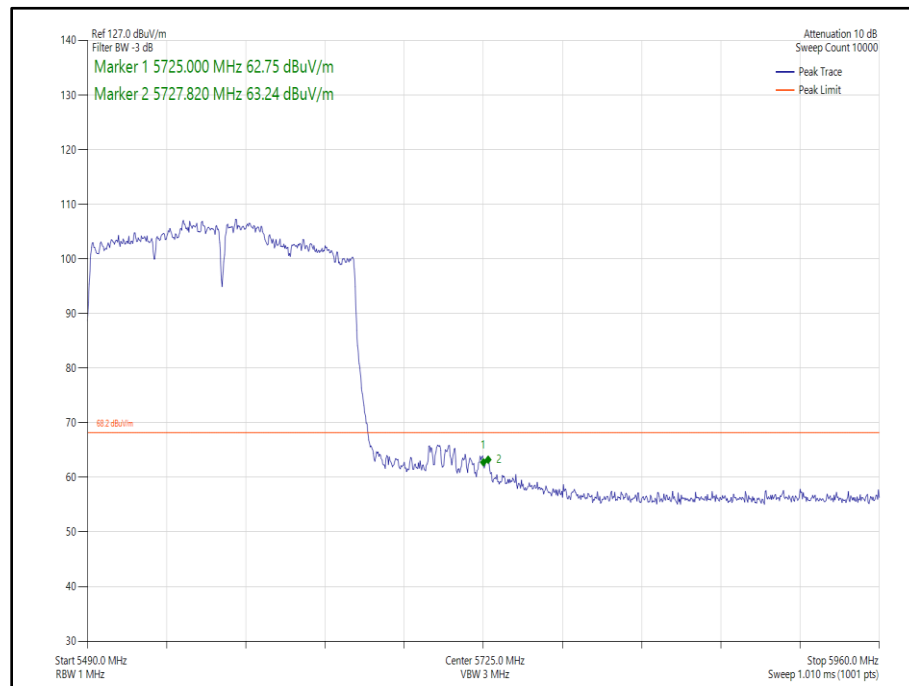


Figure 337 - 802.11ac VHT160 SDM, Cores 0-1 - 5570 MHz, Band Edge Frequency 5725 MHz

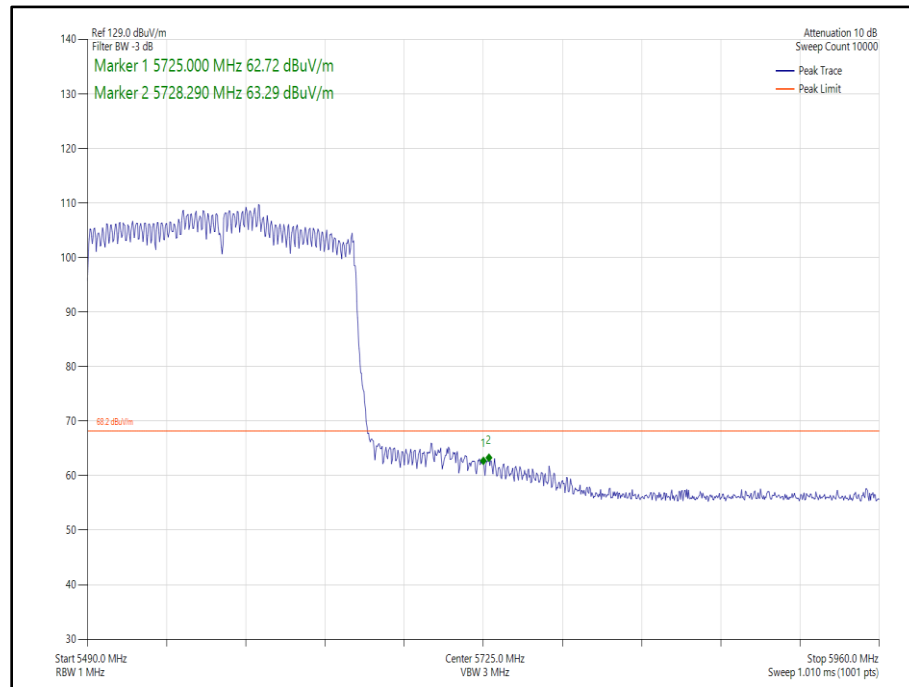


Figure 338 - 802.11ax HE160 CDD, Cores 0-1, SU - 5570 MHz, Band Edge Frequency 5725 MHz

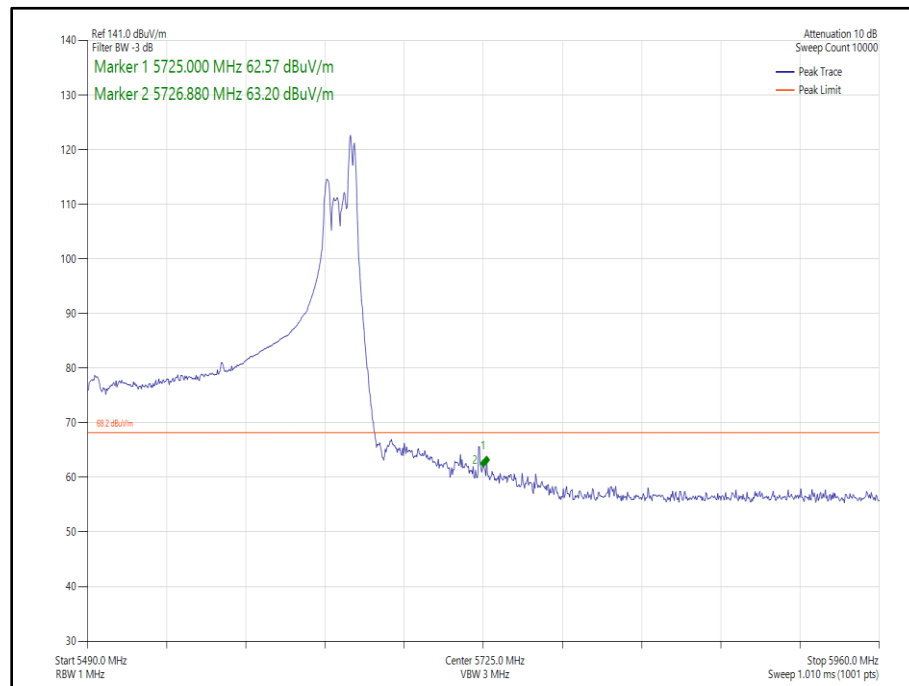


Figure 339 - 802.11ax HE160 CDD, Cores 0-1, 52-52- 5570 MHz, Band Edge Frequency 5725 MHz

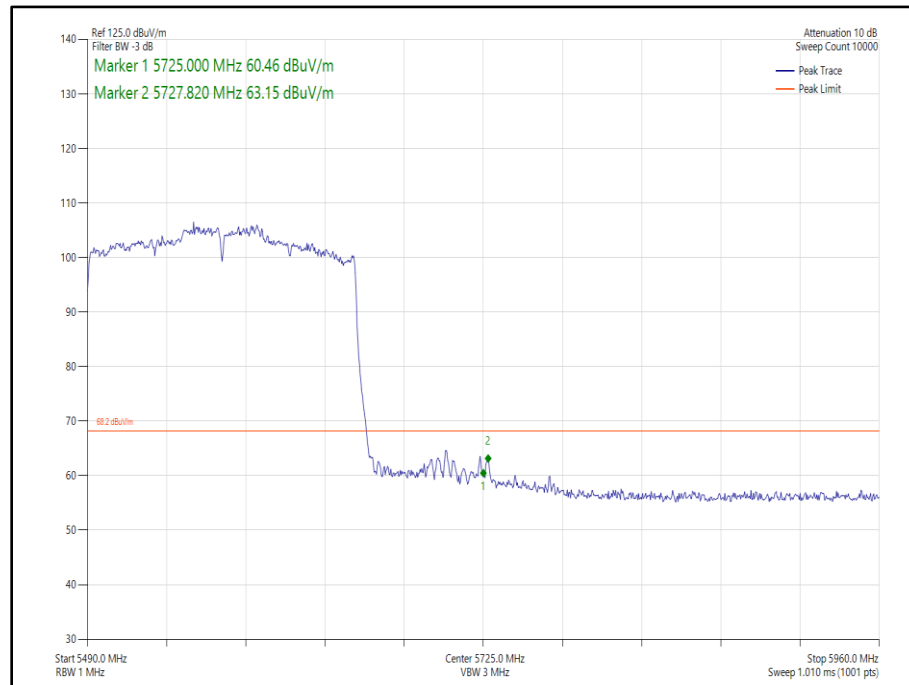


Figure 340 - 802.11ax HE160 SDM, Cores 0-1, SU - 5570 MHz, Band Edge Frequency 5725 MHz

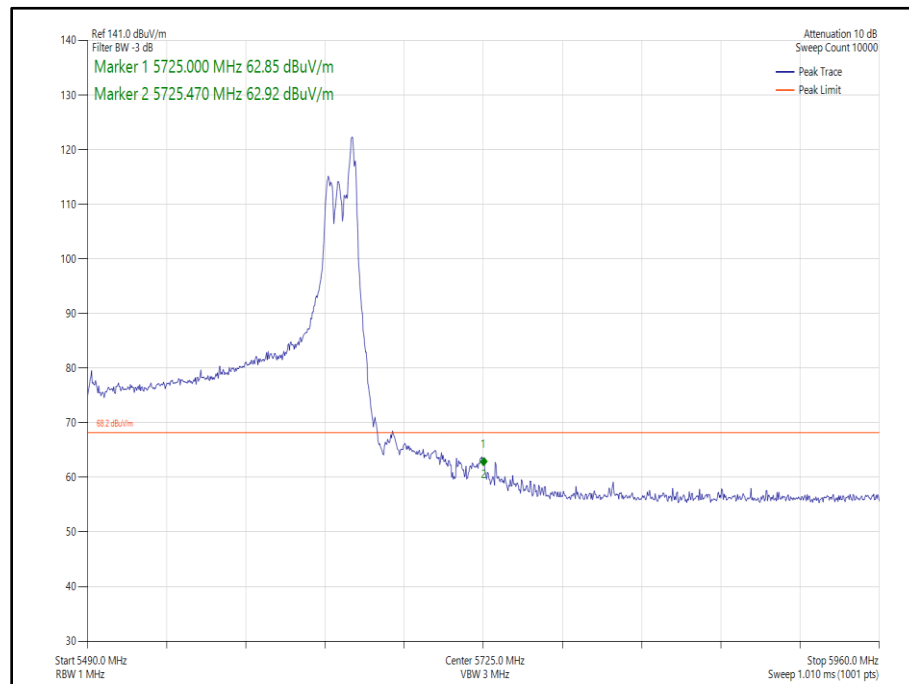


Figure 341 - 802.11ax HE160 SDM, Cores 0-1, 52-52 - 5570 MHz, Band Edge Frequency 5725 MHz



FCC 47 CFR Part 15E, Limit Clause 15.407(b)(1)(2)(3)(4)

For transmitters operating in the 5.15-5.25 GHz band: ≤ -27 dBm/MHz outside 5150-5350 MHz.

For transmitters operating in the 5.25-5.35 GHz band: ≤ -27 dBm/MHz outside 5150-5350 MHz.

For transmitters operating in the 5.47-5.725 GHz band: ≤ -27 dBm/MHz outside 5470-5725 MHz

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

ISED RSS-247, Limit Clause 6.2.1.2, 6.2.2.2, 6.2.3.2 and 6.2.4.2

For transmitters with operating frequencies in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. Any unwanted emissions that fall into the band 5250-5350 MHz shall be attenuated below the channel power by at least 26 dB.

For transmitters with operating frequencies in the bands 5250-5350 MHz and 5470-5725 MHz, all emissions outside the band 5250-5350 MHz and 5470-5725 MHz shall not exceed -27 dBm/MHz e.i.r.p.

Devices operating in the band 5725-5850 MHz shall have e.i.r.p. of unwanted emissions comply with the following:

- a) 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges;
- b) 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges;
- c) 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and
- d) -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.



2.5.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 11 and RF Chamber 15.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
EMI Test Receiver	Rohde & Schwarz	ESW44	5084	12	17-May-2023
Screened Room (11)	Rainford	Rainford	5136	36	24-Nov-2024
Mast	Maturo	TAM 4.0-P	5158	-	TU
Mast and Turntable Controller	Maturo	Maturo NCD	5159	-	TU
Turntable	Maturo	TT 15WF	5160	-	TU
Antenna (DRG 1-10.5GHz)	Schwarzbeck	BBHA9120B	5215	12	28-May-2023
Pre Amp 1 - 26.5 GHz	Agilent Technologies	8449B	5445	12	12-May-2023
10dB/5W Attenuator	Aaren	AT40A-404-D18-10	5486	12	11-Apr-2023
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	5514	12	12-Apr-2023
2m SMA Cable	Junkosha	MWX221-02000AMSAMS/A	5518	12	12-Apr-2023
8m N Type Cable	Junkosha	MWX221-08000NMSNMS/B	5522	12	24-Mar-2023
Thermo-Hygro-Barometer	PCE Instruments	PCE-THB 40	5604	12	22-Sep-2022
EMI Test Receiver	Rohde & Schwarz	ESW44	5911	12	24-Feb-2023
1500W (300V 12A) AC Power Supply	iTech	IT7324	5956	-	O/P Mon
5m Semi-Anechoic Chamber (Dual-Axis)	Albatross Projects	RF Chamber 15	5963	36	28-Apr-2025
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5967	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5968	-	TU
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	5996	12	06-Jun-2023
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6007	12	06-Jun-2023
Cable (SMA to SMA 6.5m)	Junkosha	MWX221-06500AMSAMS/B	6014	12	07-Jun-2023
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6140	12	21-Jun-2023
Digital Multimeter	Fluke	115	6147	12	16-Jun-2023
Humidity & Temperature meter	R.S Components	1364	6150	12	17-Jun-2023
SAC Switch Unit	TUV SUD	SSU003	6191	12	15-Jul-2023

Table 734

TU – Traceability Unscheduled

O/P Mon – Output Monitored using calibrated equipment



2.6 Spurious Radiated Emissions

2.6.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.209 and 15.407 (b)
ISED RSS-247, Clause 6.2
ISED RSS-GEN, Clause 6.13 and 8.9

2.6.2 Equipment Under Test and Modification State

A2780, S/N: FWC3JLYYHC - Modification State 0

2.6.3 Date of Test

05-September-2022 to 05-October-2022

2.6.4 Test Method

Testing was performed in accordance with ANSI C63.10, clause 6.3, 6.5 and 6.6.

Tests were performed in HT20 CDD in 2TX MIMO mode on the Main Radio, with measurements undertaken from 30 MHz to 40 GHz, on channel 36 (5180 MHz) and channel 165 (5825 MHz).

All testing was performed using the lowest data rate/modulation scheme for the applicable mode.

For the purpose of this testing, spurious emissions were limited to 1 GHz to 40 GHz on all other test channels.

Plots for average measurements were taken in accordance with ANSI C63.10, clause 12.7.7.2 with max-hold trace to characterize the EUT. Where emissions were detected, final average measurements were taken in accordance with ANSI C63.10, clause 4.1.4.2.2.

The plots shown are the characterization of the EUT. The limits on the plots represent the most stringent case for restricted bands, (54/74 dBuV/m @ 3 m and 64/84 dBuV/m @ 1m) when compared to -27 dBm/MHz EIRP outside restricted bands. The limits shown have been used as a threshold to determine where further measurements are necessary. Where results are within 10dB of the limits shown on the plots, further investigation was carried out and reported in results tables.

The following conversion can be applied to convert from dBμV/m to μV/m:
 $10^{(\text{Field Strength in dB}\mu\text{V/m}/20)}$

EIRP was converted to field strength at 3m using the following formula:
 $\text{Field Strength (dB}\mu\text{V/m at 3 m)} = \text{EIRP (dBm)} + 95.2 \text{ dB}$

2.6.5 Test Setup Diagram

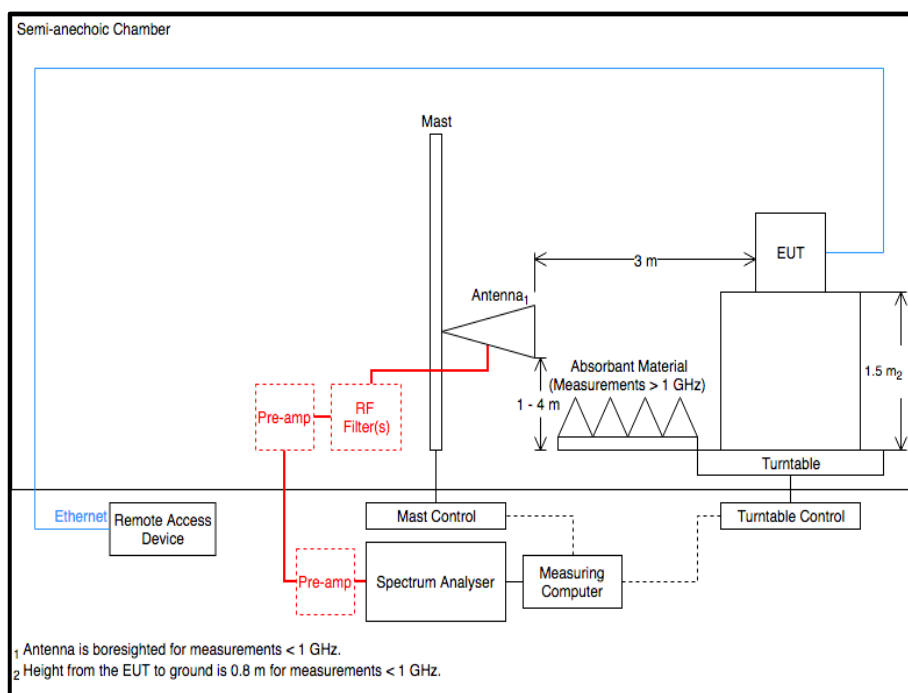


Figure 342

2.6.6 Environmental Conditions

Ambient Temperature	21.1 - 22.7 °C
Relative Humidity	43.6 - 51.3 %

2.6.7 Test Results

5 GHz WLAN

Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
279.997	27.10	46.00	-18.90	Q-Peak	113	100	Horizontal
300.848	24.40	46.00	-21.60	Peak	360	223	Vertical
300.855	23.51	46.00	-22.49	Peak	301	102	Horizontal

Table 735 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 30 MHz to 40 GHz

No emissions found within 10 dB of the limit.

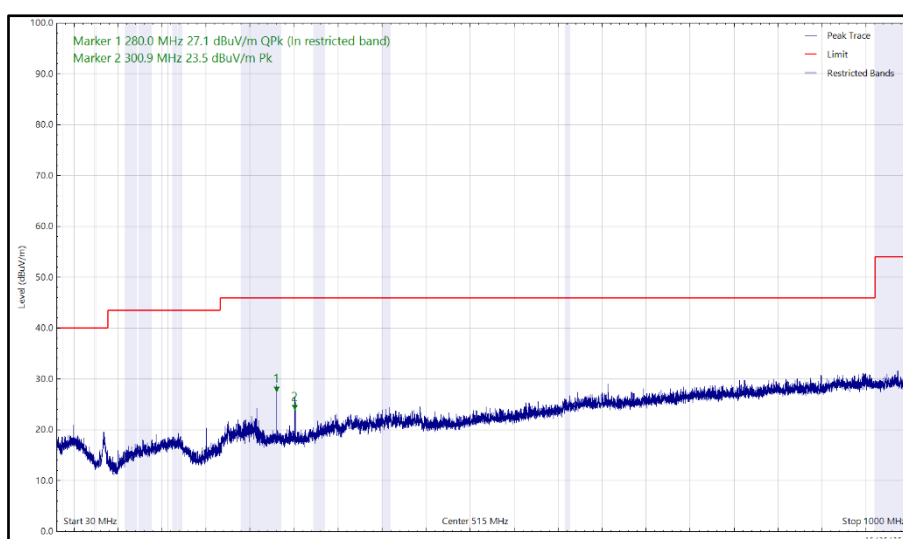


Figure 343 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

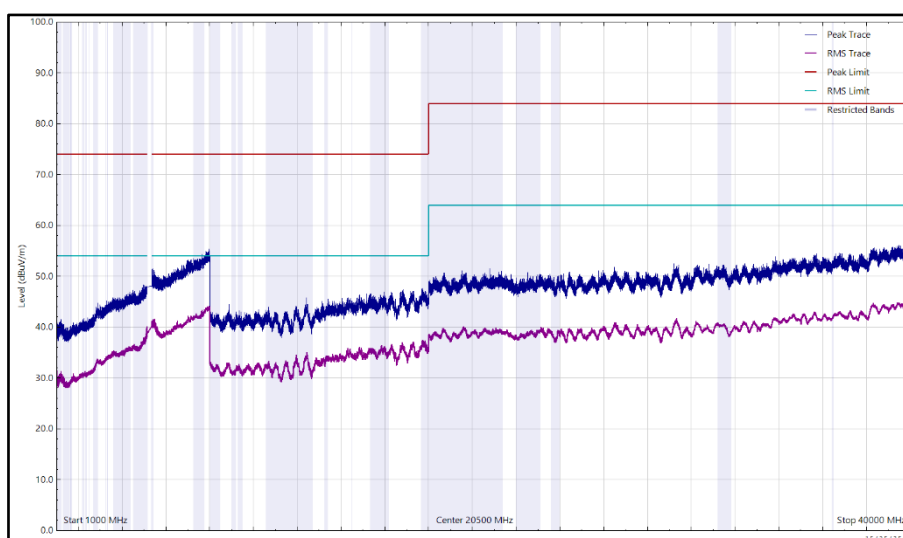


Figure 344 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

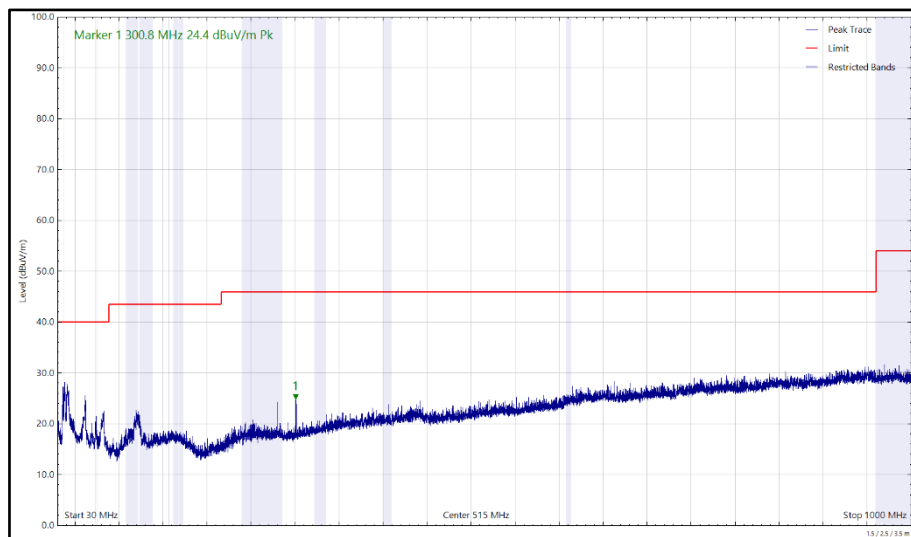


Figure 345 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

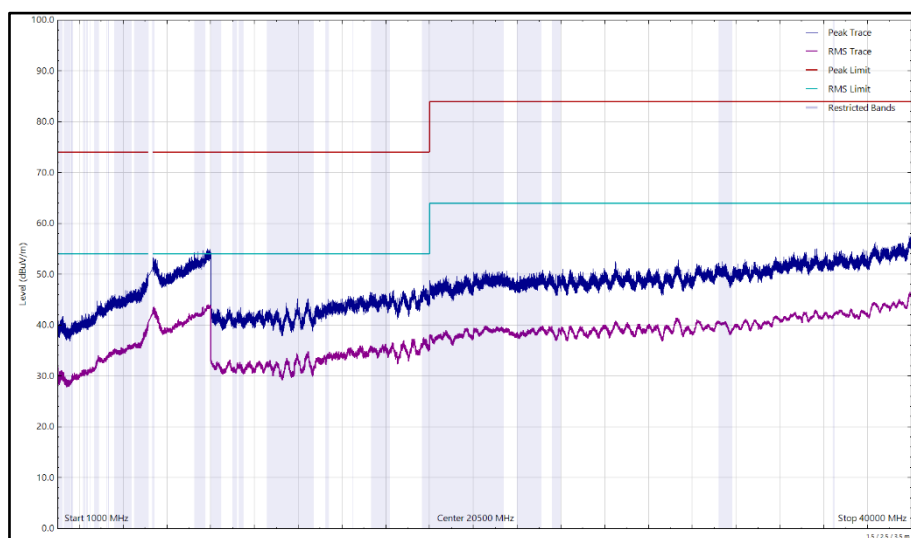


Figure 346 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBuv/m)	Limit (dBuv/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 736 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 0, 1 to 40 GHz

*No emissions found within 10 dB of the limit.

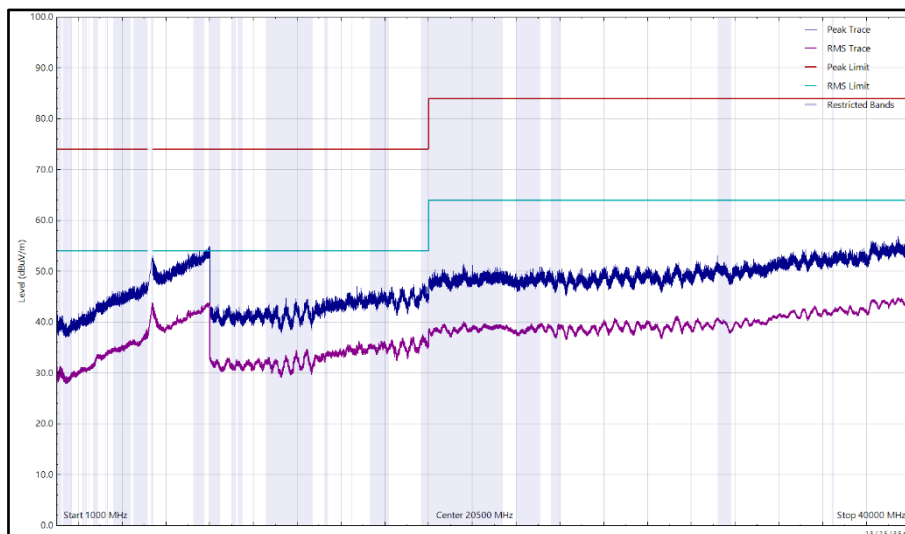


Figure 347 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

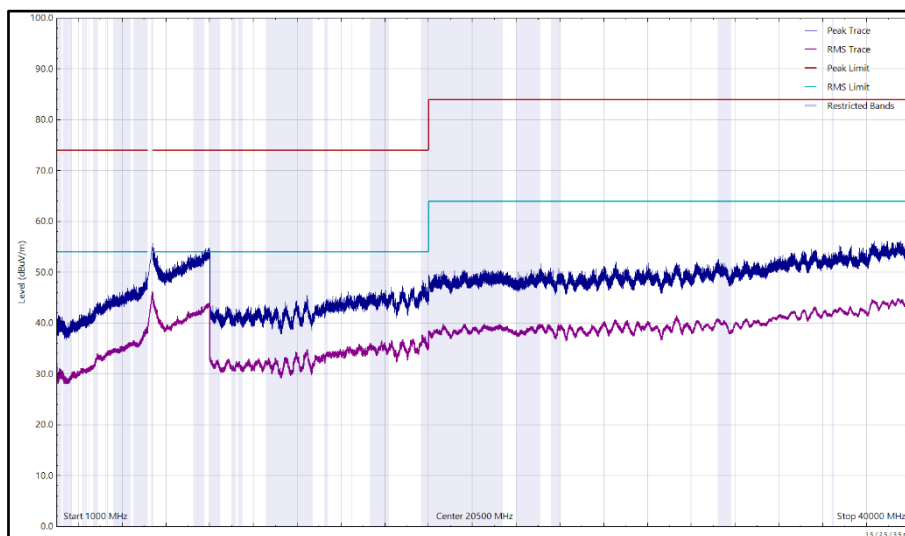


Figure 348 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBuv/m)	Limit (dBuv/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 737 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 0, 1 to 40 GHz

*No emissions found within 10 dB of the limit.

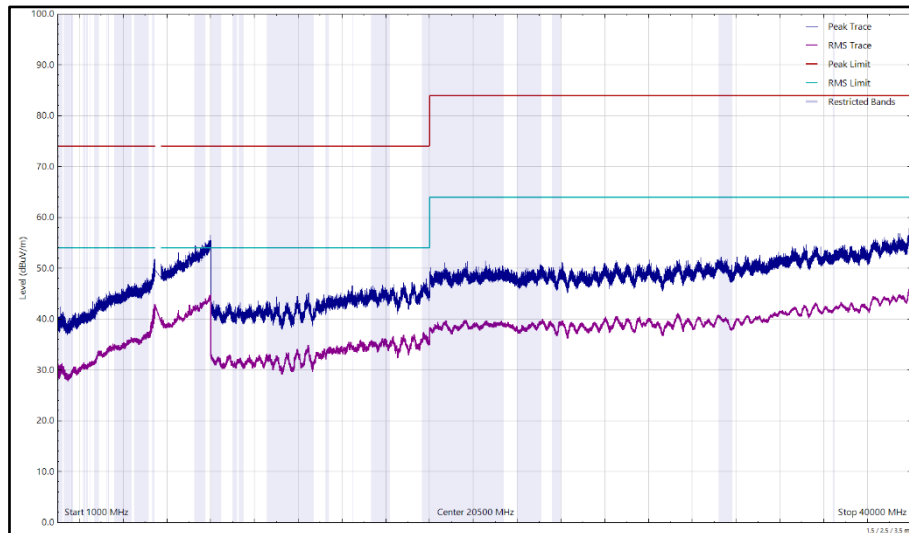


Figure 349 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

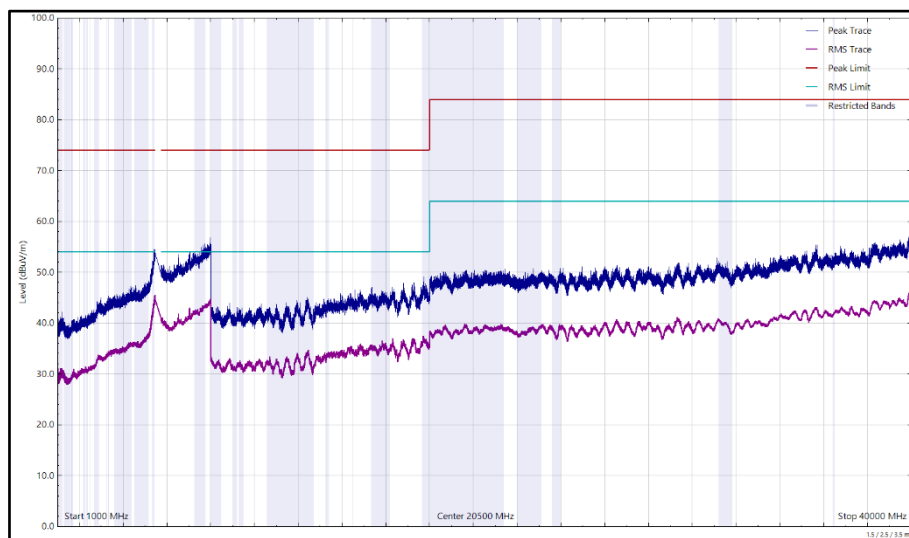


Figure 350 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBuv/m)	Limit (dBuv/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 738 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 to 40 GHz

*No emissions found within 10 dB of the limit.

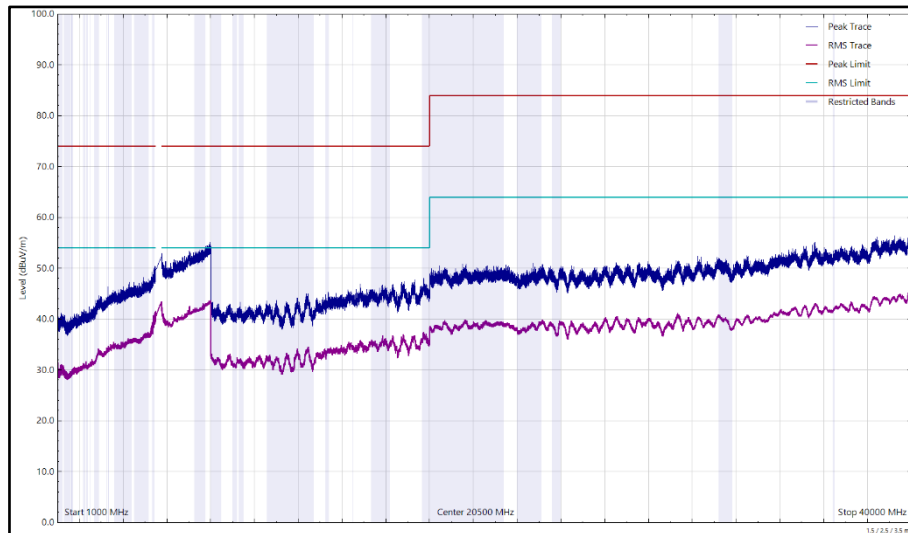


Figure 351 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

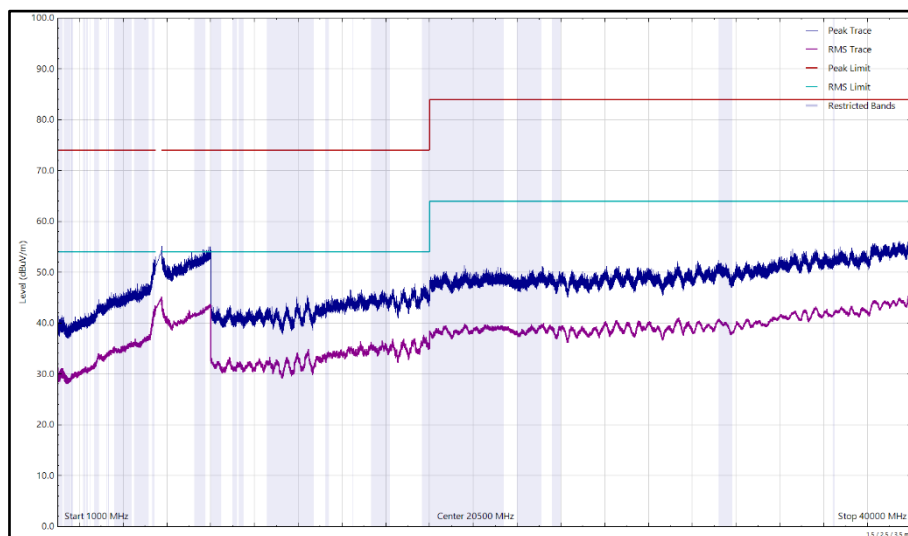


Figure 352 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBuv/m)	Limit (dBuv/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 739 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 0, 1 to 40 GHz

*No emissions found within 10 dB of the limit.

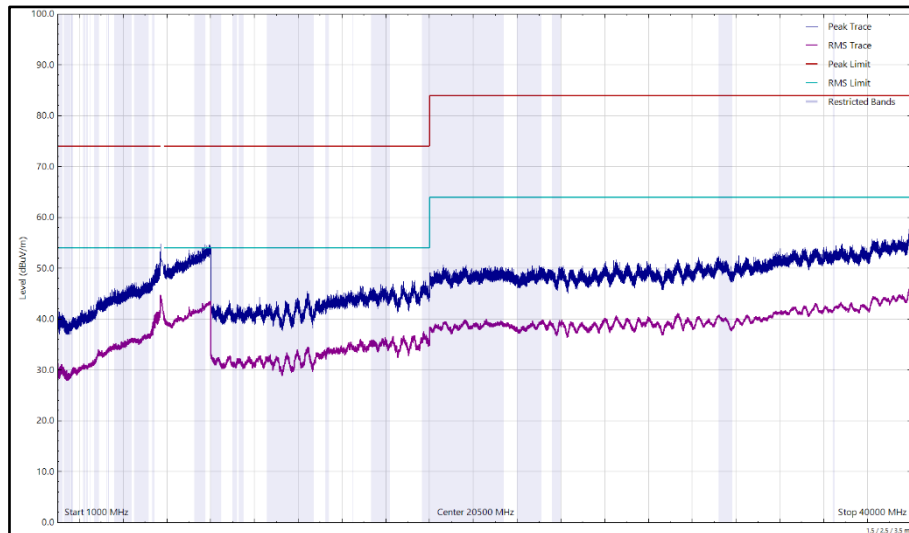


Figure 353 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

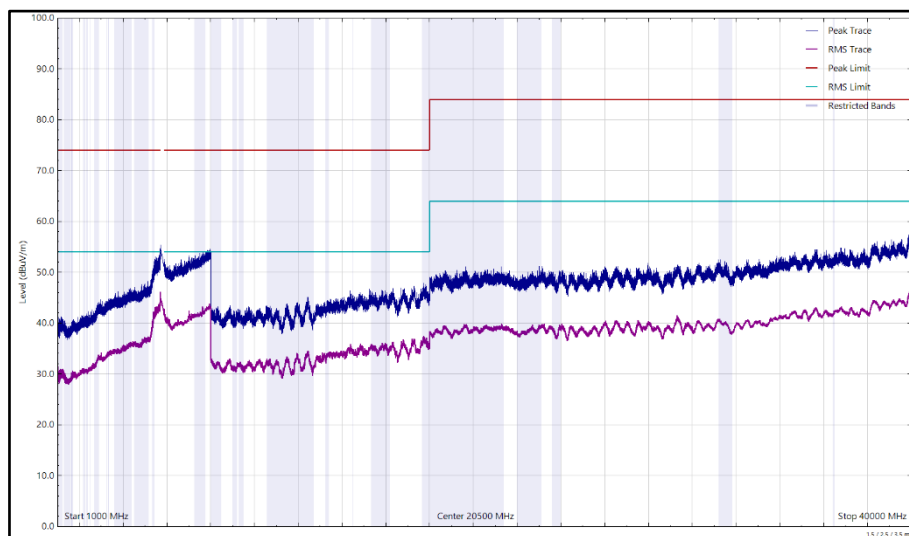


Figure 354 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
280.000	27.36	46.00	-18.64	Q-Peak	110	112	Horizontal

Table 740 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

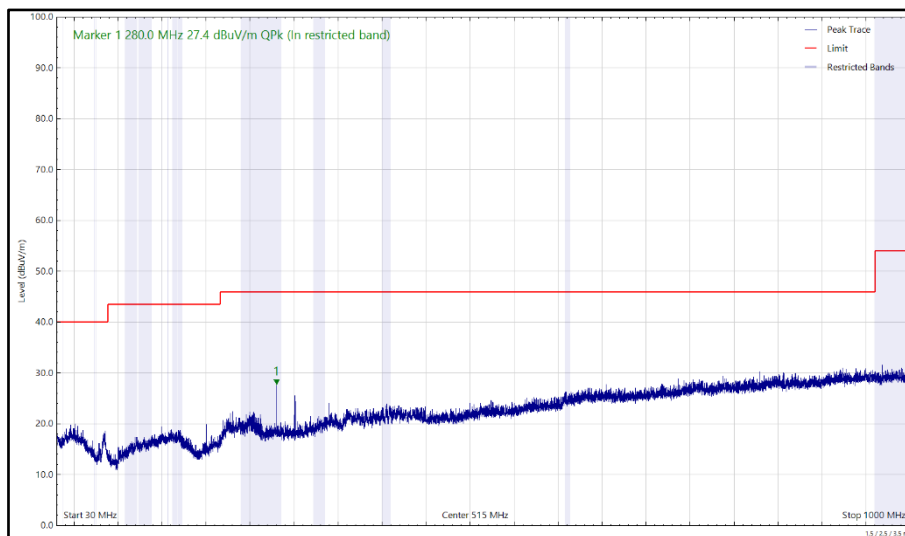


Figure 355 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

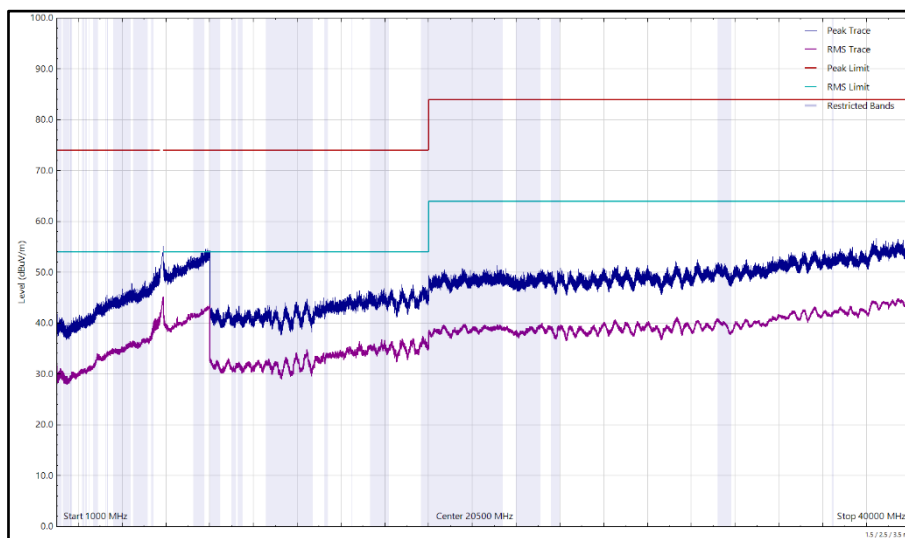


Figure 356 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

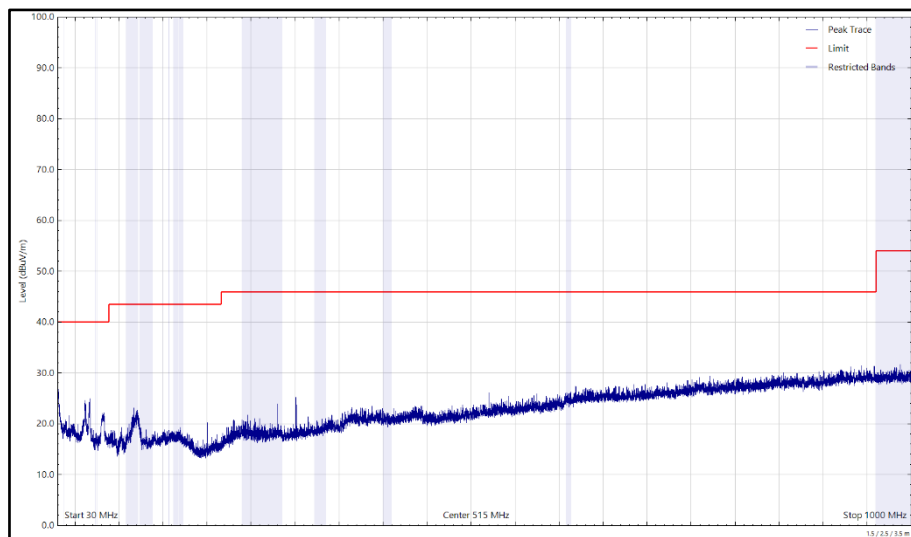


Figure 357 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

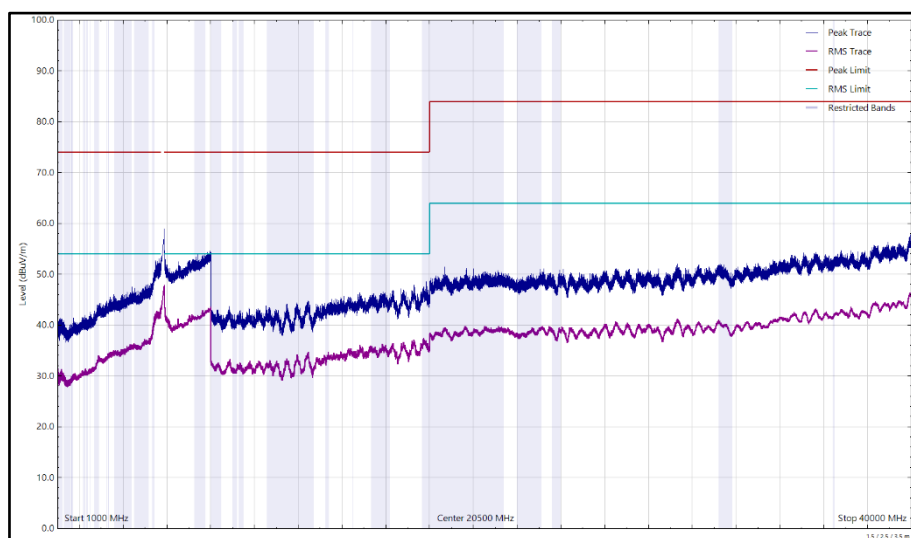


Figure 358 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
279.998	27.47	46.00	-18.53	Q-Peak	90	117	Horizontal
300.851	23.58	46.00	-22.42	Peak	79	105	Horizontal

Table 741 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

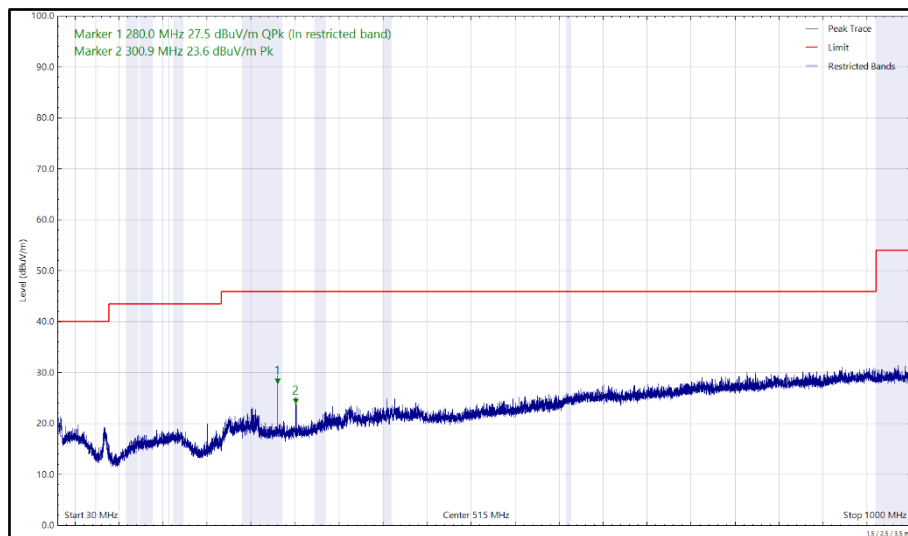


Figure 359 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

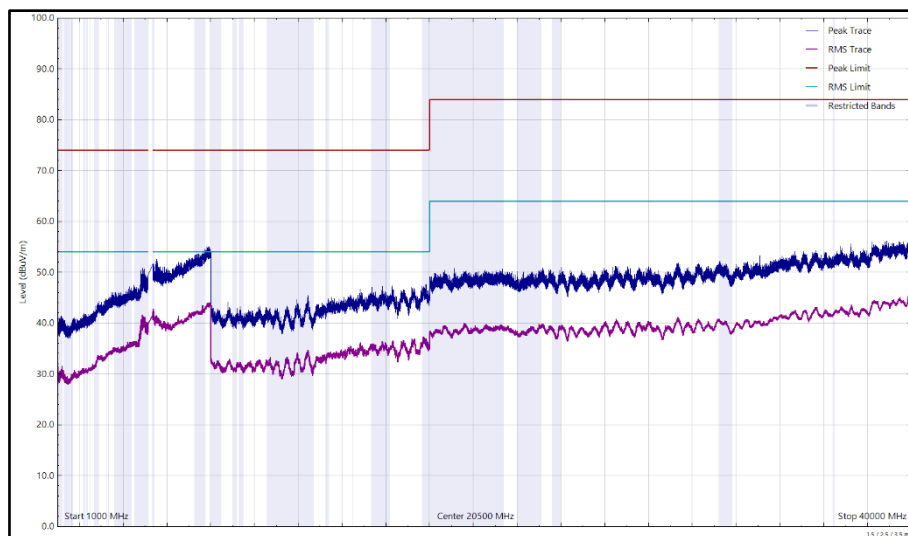


Figure 360 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

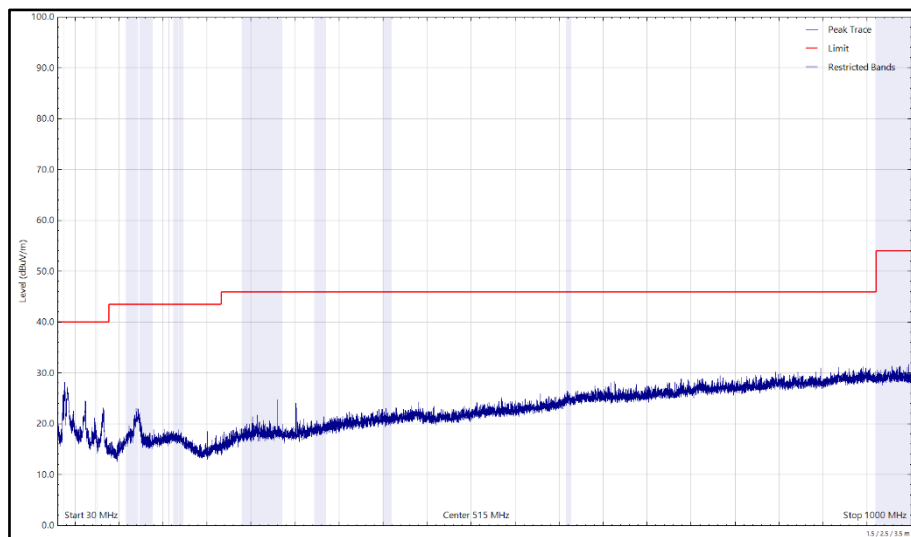


Figure 361 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

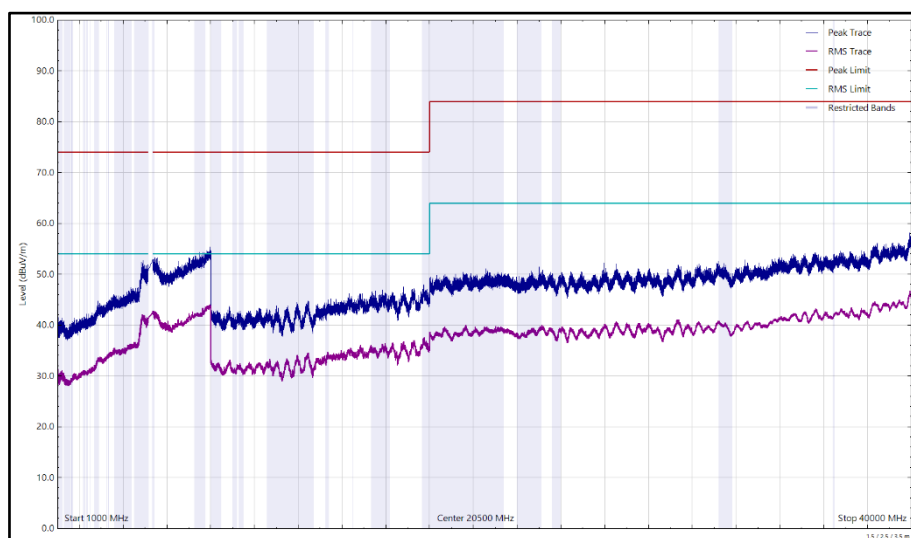


Figure 362 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBuv/m)	Limit (dBuv/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 742 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

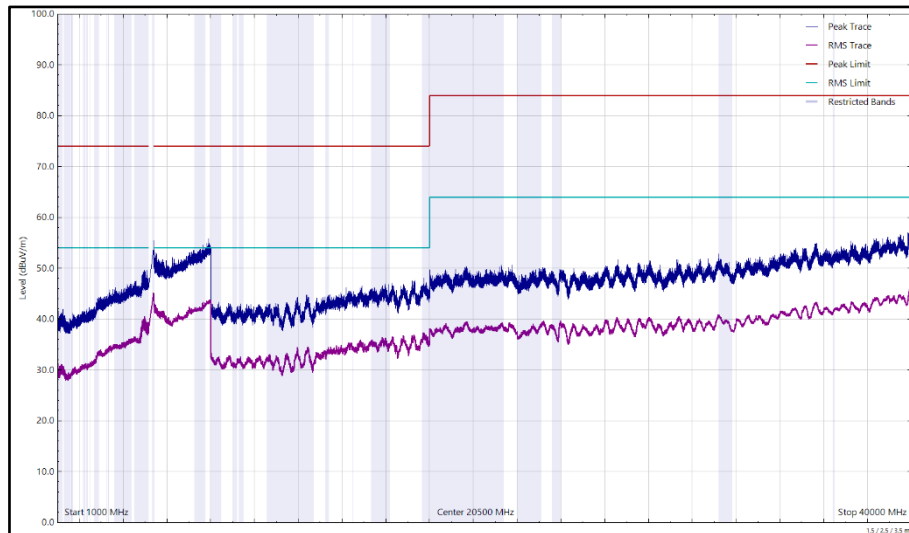


Figure 363 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

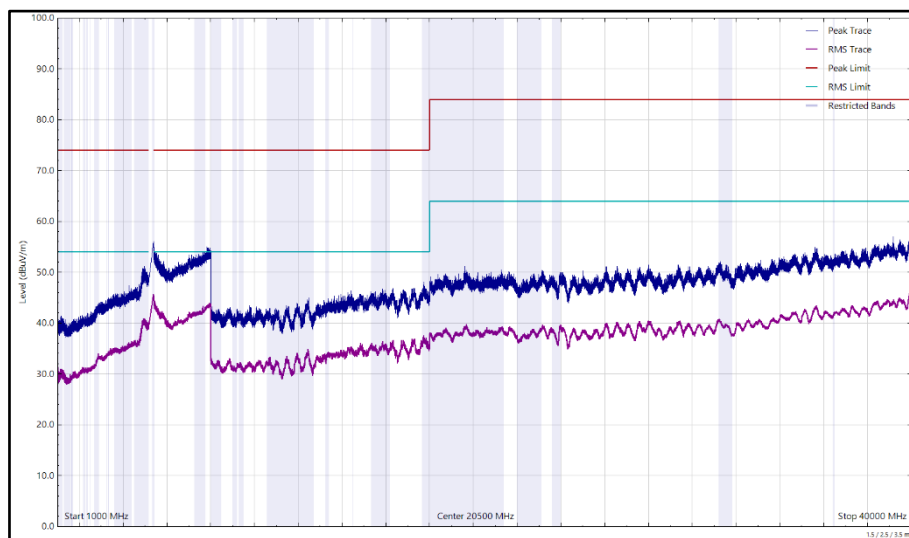


Figure 364 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBuv/m)	Limit (dBuv/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 743 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

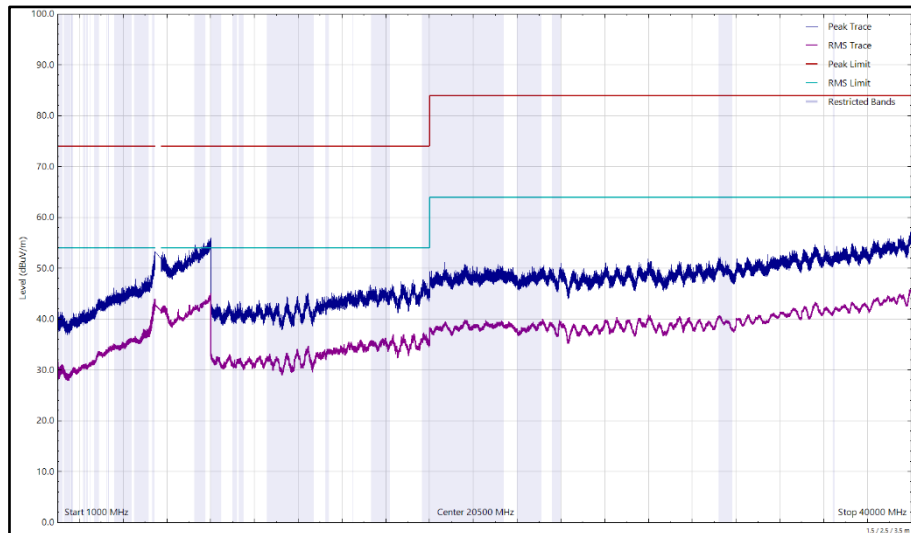


Figure 365 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

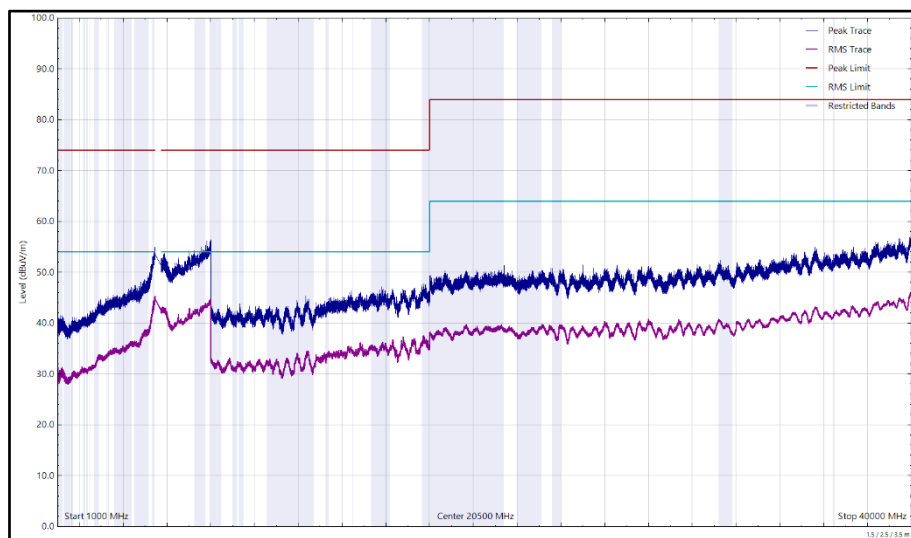


Figure 366 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBuv/m)	Limit (dBuv/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 744 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

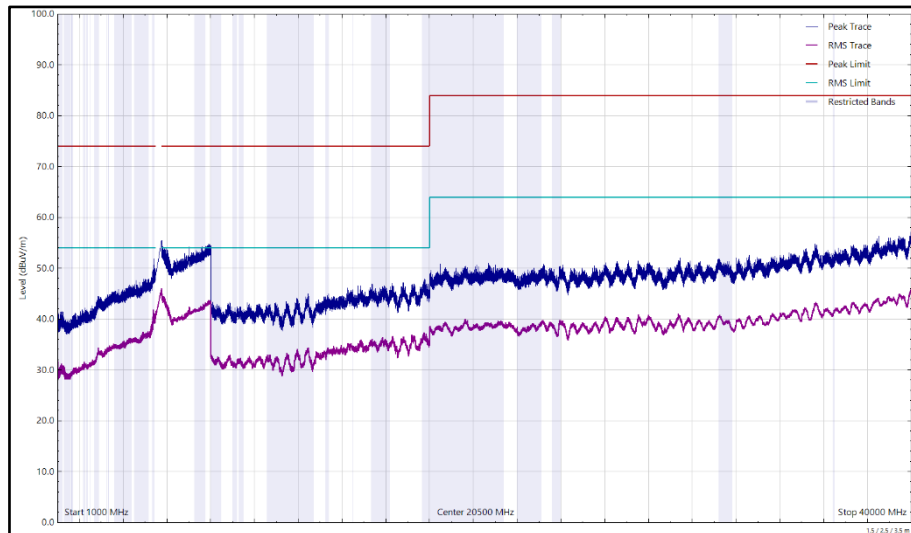


Figure 367 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

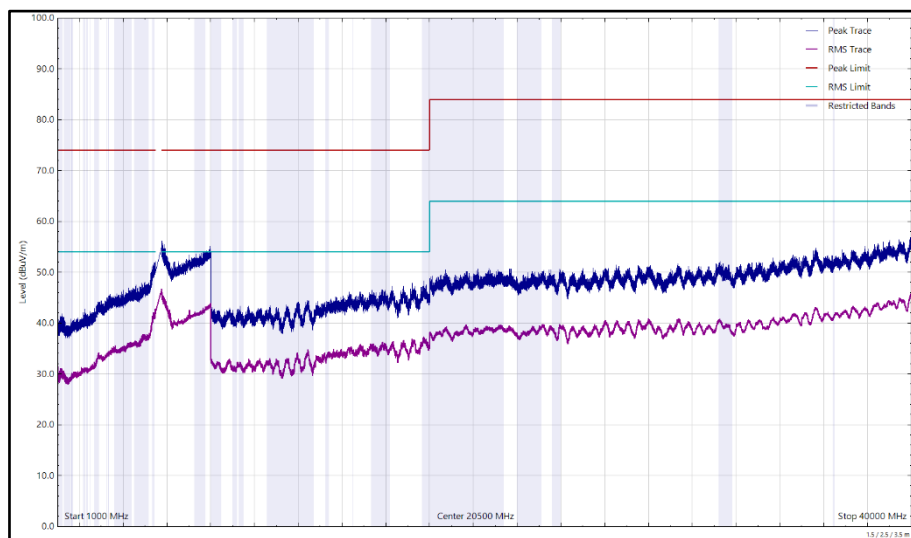


Figure 368 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBuv/m)	Limit (dBuv/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 745 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

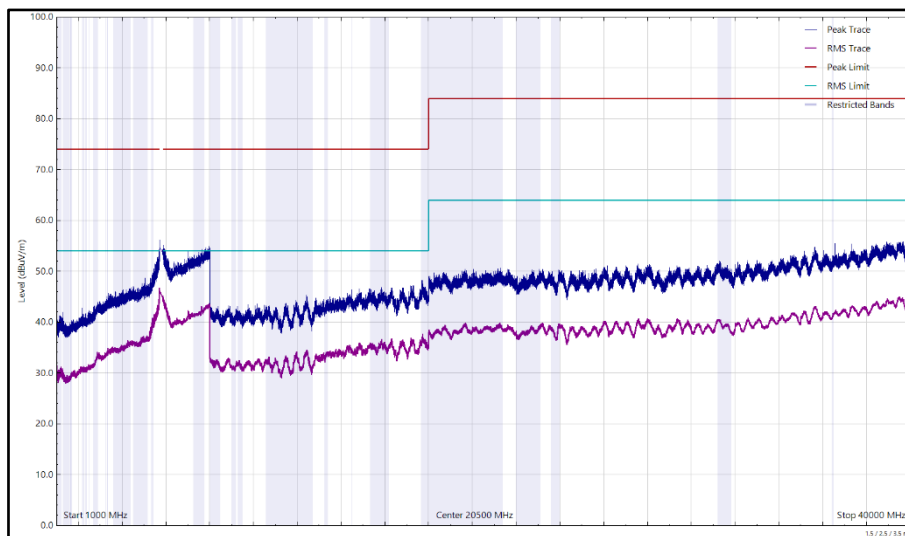


Figure 369 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

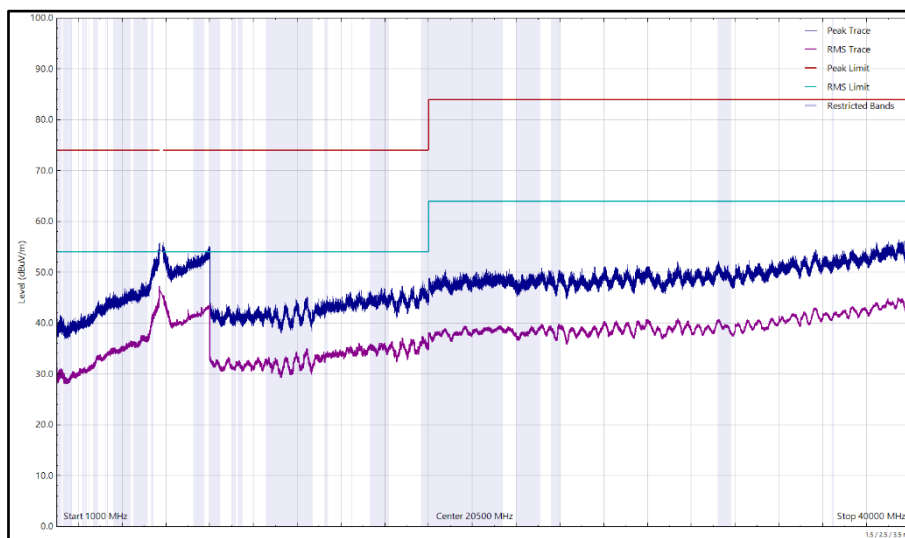


Figure 370 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical