

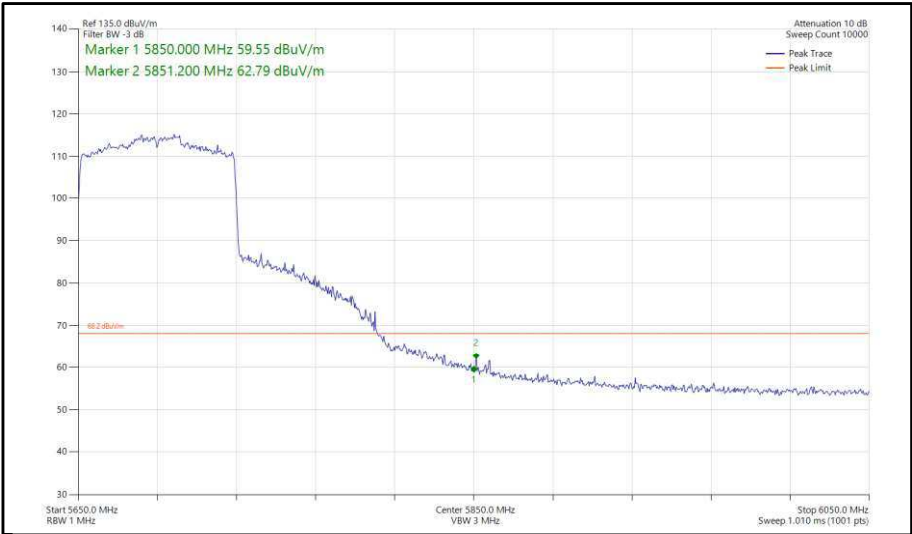


Figure 460 - 802.11ax, HE80, SU, SISO, Core 1 - 5690 MHz,
Band Edge Frequency 5850 MHz

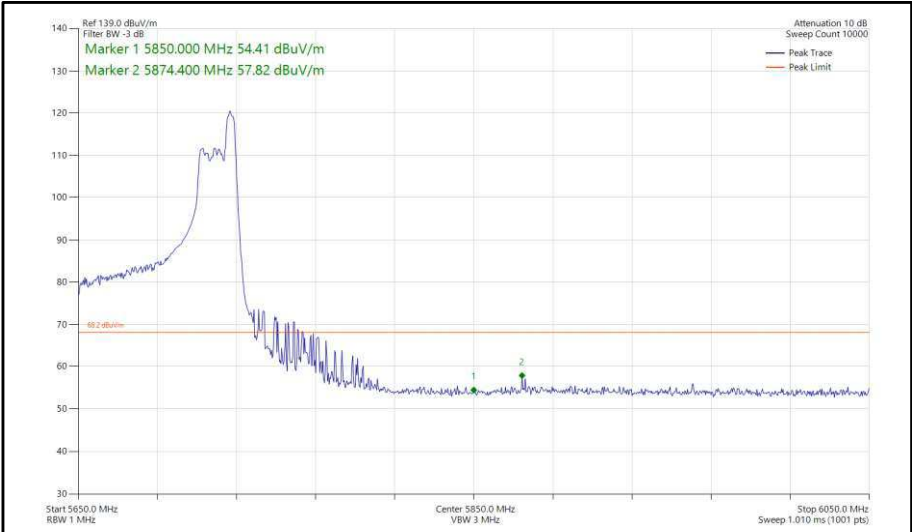


Figure 461 - 802.11ax, HE80, RU 52-52, SISO, Core 1 - 5690 MHz,
Band Edge Frequency 5850 MHz

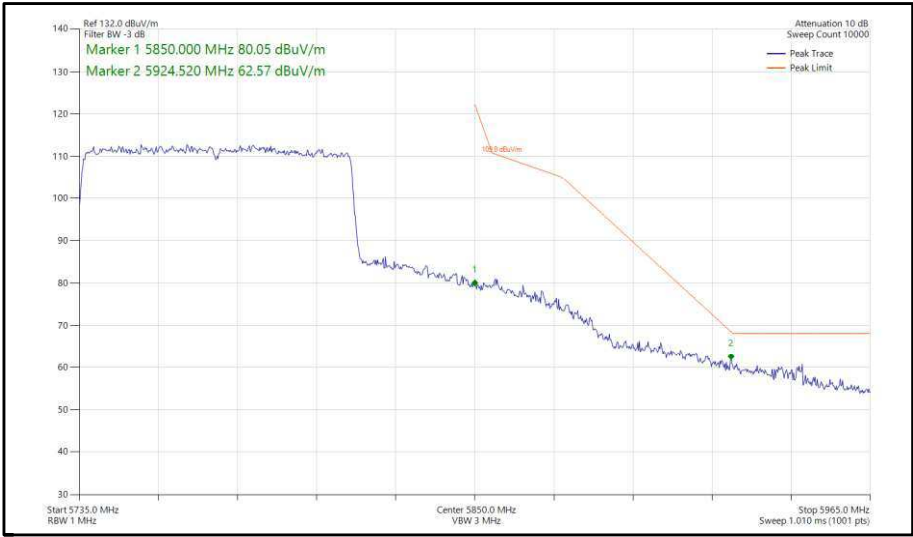


Figure 462 - 802.11ax, HE80, SU, SISO, Core 1 - 5775 MHz,
Band Edge Frequency 5850 MHz

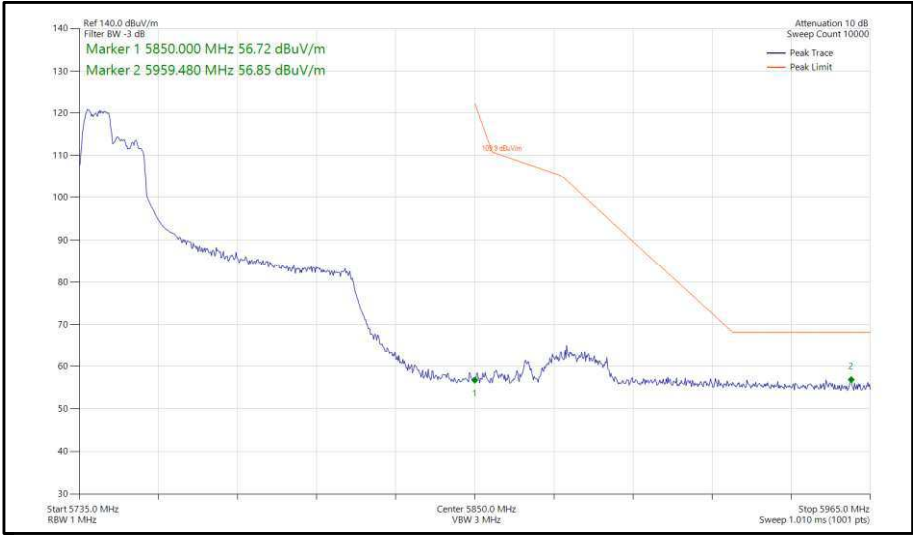
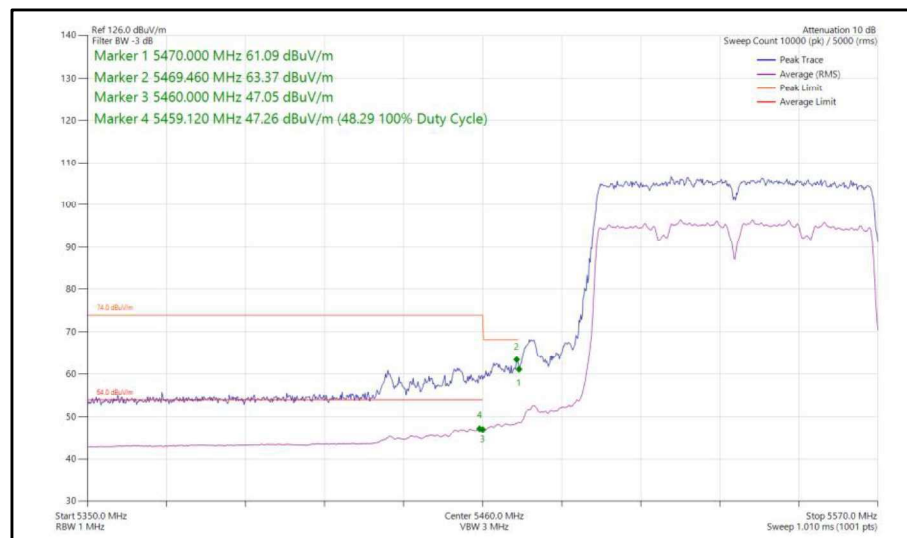


Figure 463 - 802.11ax, HE80, RU 106-53, SISO, Core 1 - 5775 MHz,
Band Edge Frequency 5850 MHz

80 MHz Bandwidth - Core 0-1 (CDD)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)
802.11ac VHT80	MCS8x1	-	-	5530	5470	63.37
802.11ax HE80	MCS2x1	SU	-	5530	5470	63.63
802.11ax HE80	MCS11x1	52	37	5530	5470	63.34
802.11ac VHT80	MCS8x1	-	-	5775	5725	62.75
802.11ax HE80	MCS11x1	SU	-	5775	5725	62.05
802.11ax HE80	MCS11x1	106	53	5775	5725	58.85
802.11ac VHT80	MCS2x1	-	-	5610	5725	63.70
802.11ax HE80	MCS4x1	SU	-	5610	5725	63.37
802.11ax HE80	MCS11x1	106	60	5610	5725	63.68
802.11ac VHT80	MCS8x1	-	-	5690	5850	63.42
802.11ac VHT80	MCS8x1	-	-	5775	5850	61.53
802.11ax HE80	MCS11x1	SU	-	5690	5850	62.86
802.11ax HE80	MCS11x1	106	53	5690	5850	56.74
802.11ax HE80	MCS11x1	SU	-	5775	5850	61.61
802.11ax HE80	MCS11x1	106	60	5775	5850	57.66

Table 824 - CDD Authorised Band Edge Results



**Figure 464 - 802.11ac, VHT80, CDD, Core 0-1 - 5530 MHz,
Band Edge Frequency 5470 MHz**

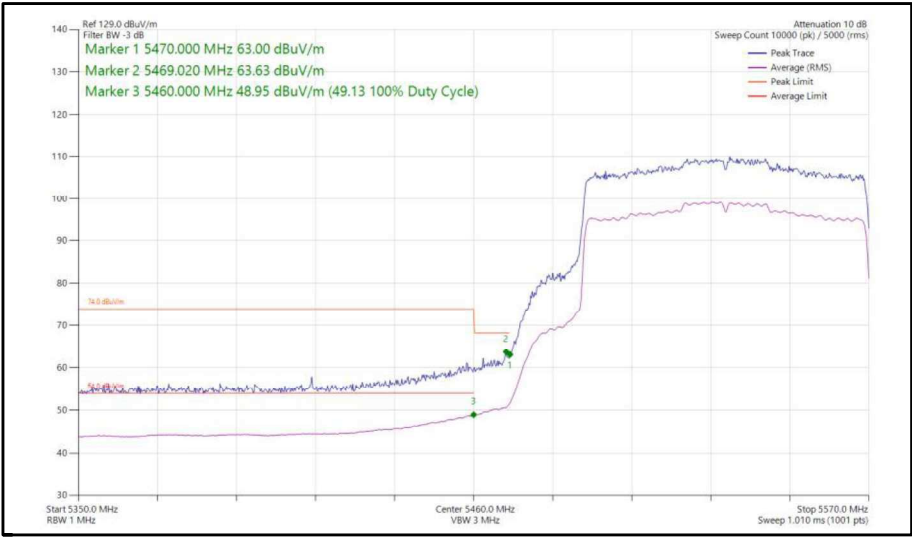


Figure 465 - 802.11ax, HE80, SU, CDD, Core 0-1 - 5530 MHz,
Band Edge Frequency 5470 MHz

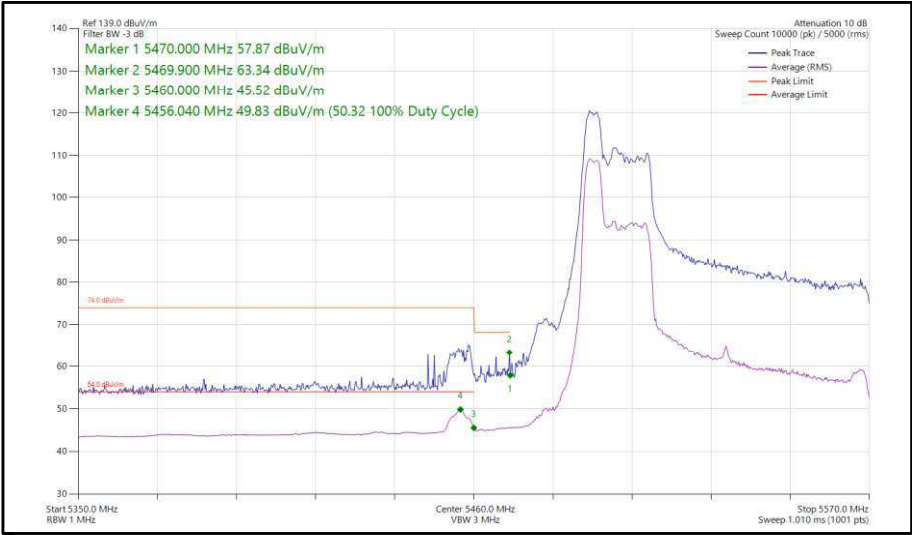


Figure 466 - 802.11ax, HE80, RU 52-37, CDD, Core 0-1 - 5530 MHz,
Band Edge Frequency 5470 MHz

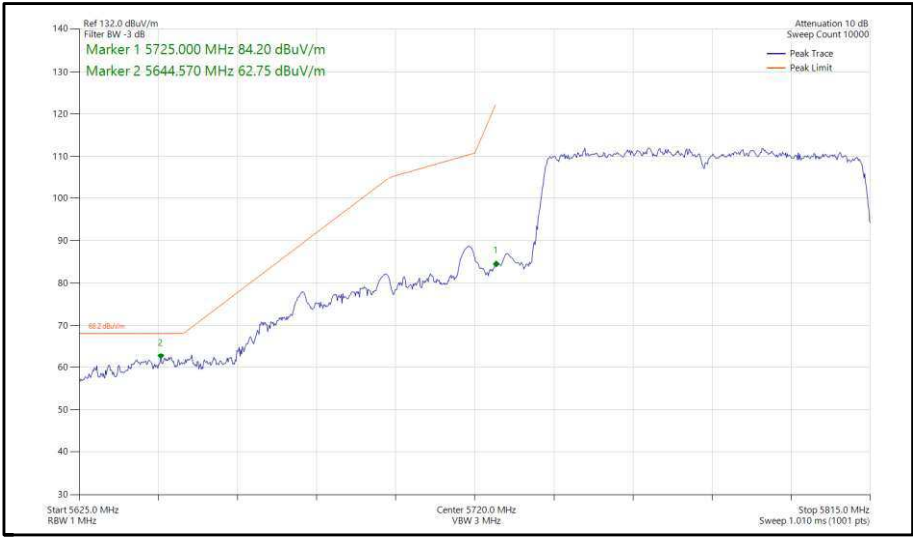


Figure 467 - 802.11ac, VHT80, CDD, Core 0-1 - 5775 MHz,
Band Edge Frequency 5725 MHz

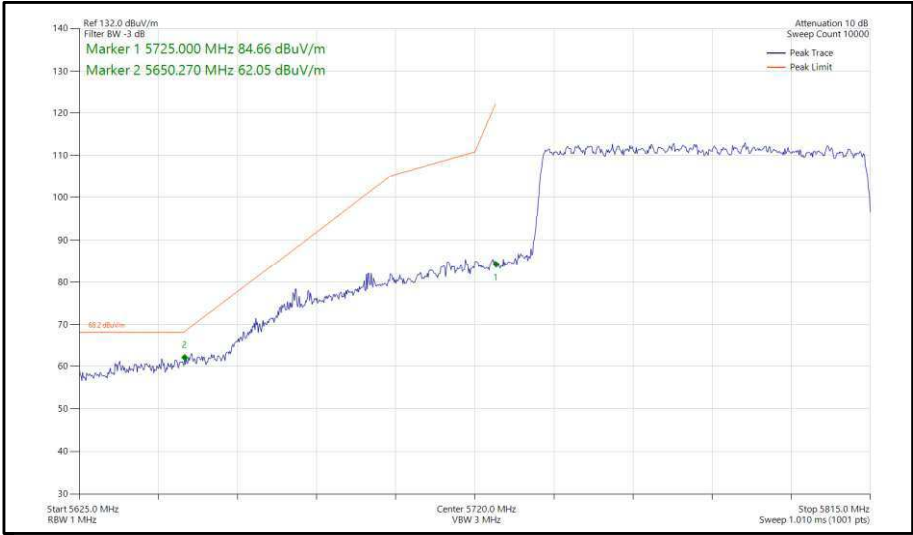


Figure 468 - 802.11ax, HE80, SU, CDD, Core 0-1 - 5775 MHz,
Band Edge Frequency 5725 MHz

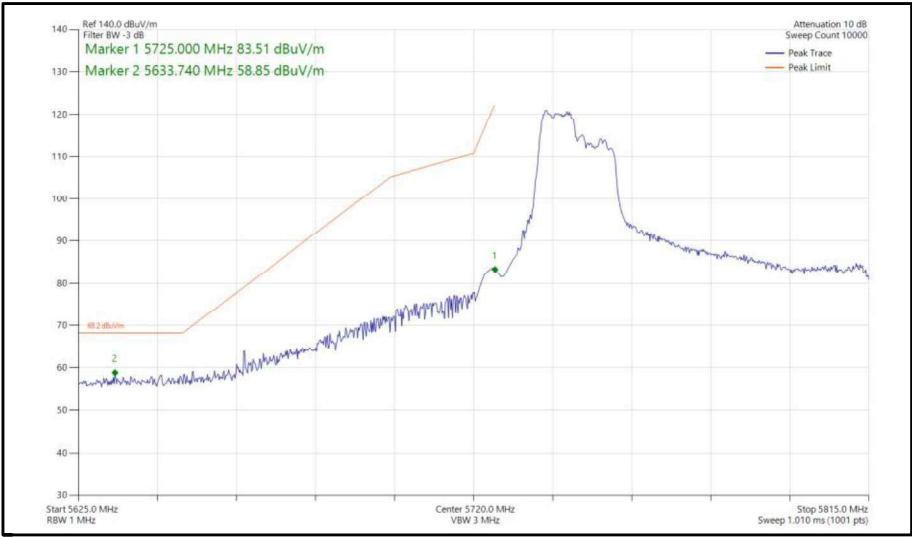


Figure 469 - 802.11ax, HE80, RU 106-53, CDD, Core 0-1 - 5775 MHz,
Band Edge Frequency 5725 MHz

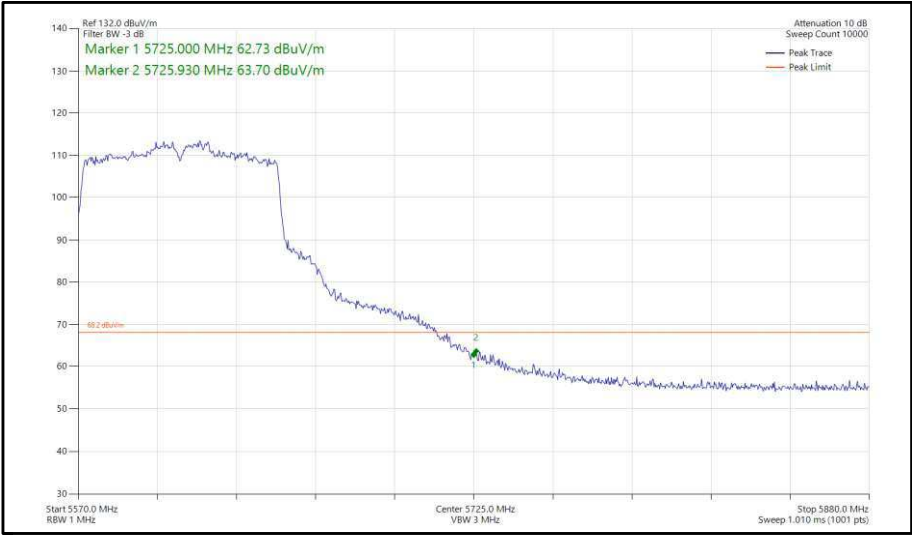


Figure 470 - 802.11ac, VHT80, CDD, Core 0-1 - 5610 MHz,
Band Edge Frequency 5725 MHz

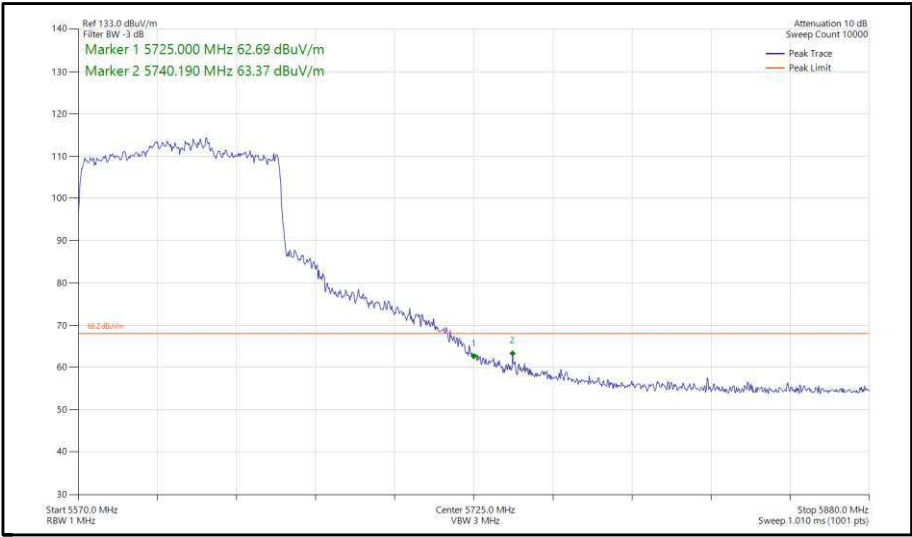


Figure 471 - 802.11ax, HE80, SU, CDD, Core 0-1 - 5610 MHz,
Band Edge Frequency 5725 MHz

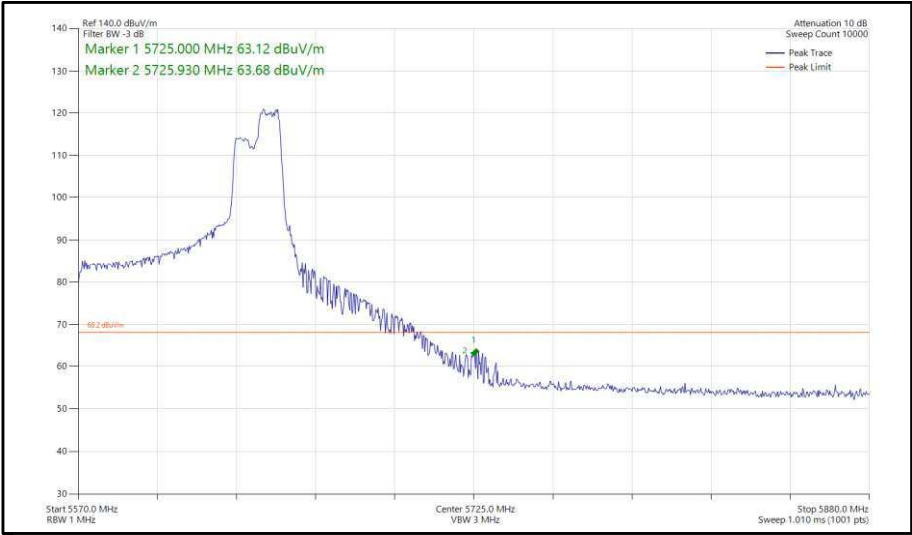


Figure 472 - 802.11ax, HE80, RU 106-60, CDD, Core 0-1 - 5610 MHz,
Band Edge Frequency 5725 MHz

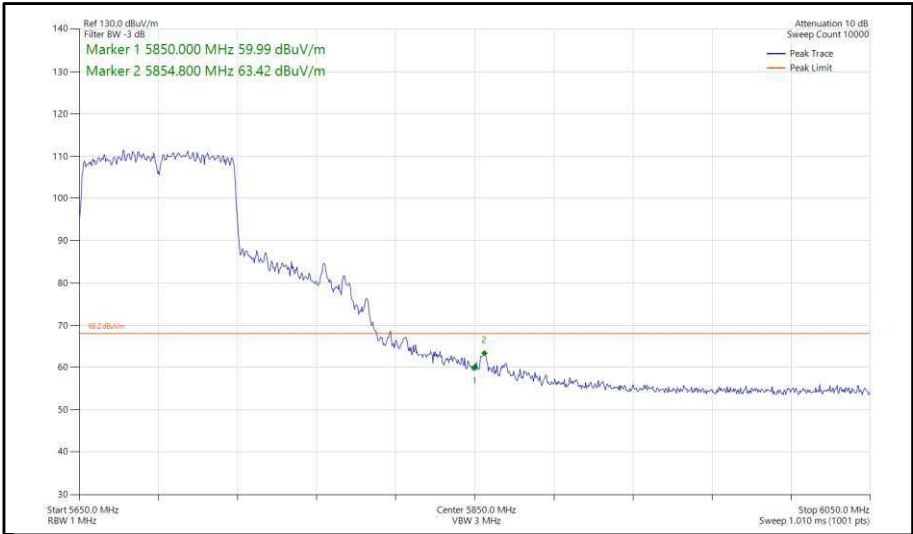


Figure 473 - 802.11ac, VHT80, CDD, Core 0-1 - 5690 MHz,
Band Edge Frequency 5850 MHz

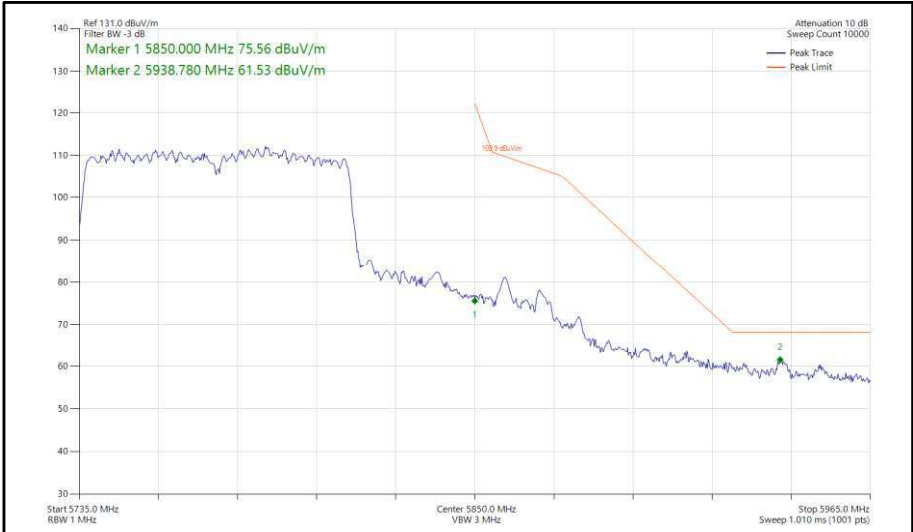


Figure 474 - 802.11ac, VHT80, CDD, Core 0-1 - 5775 MHz,
Band Edge Frequency 5850 MHz

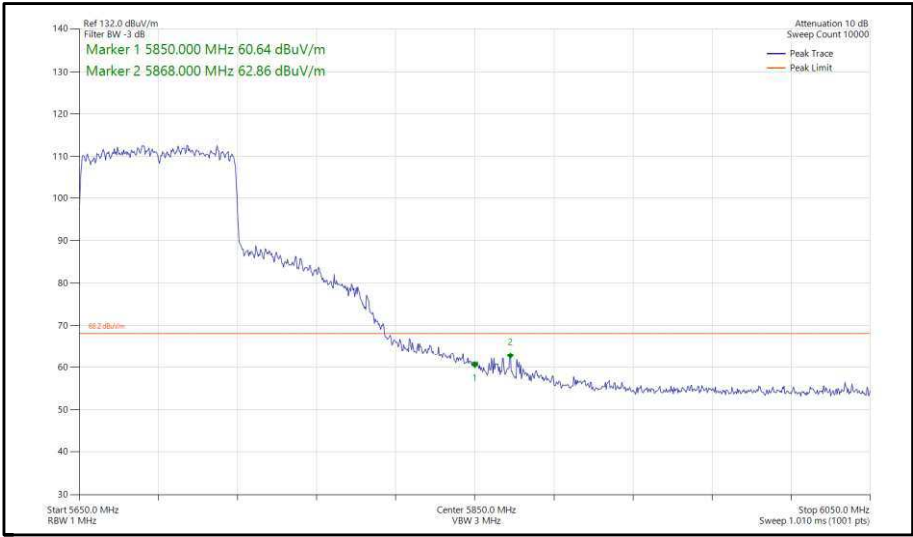


Figure 475 - 802.11ax, HE80, SU, CDD, Core 0-1 - 5690 MHz,
Band Edge Frequency 5850 MHz

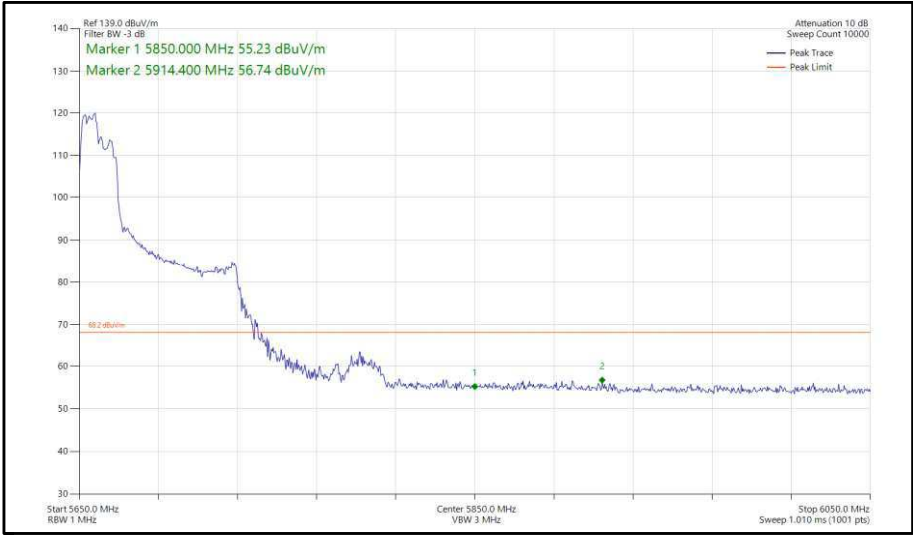


Figure 476 - 802.11ax, HE80, RU 106-53, CDD, Core 0-1 - 5690 MHz,
Band Edge Frequency 5850 MHz

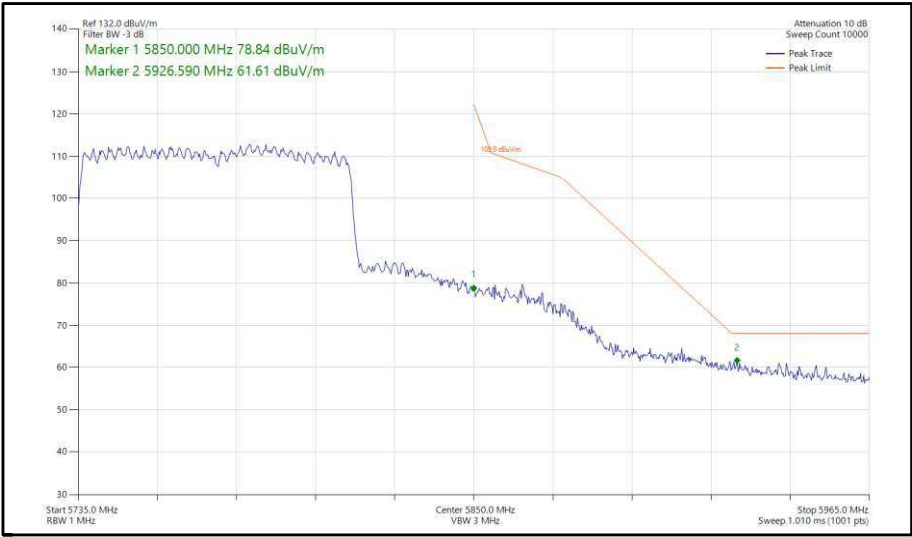


Figure 477 - 802.11ax, HE80, SU, CDD, Core 0-1 - 5775 MHz,
Band Edge Frequency 5850 MHz

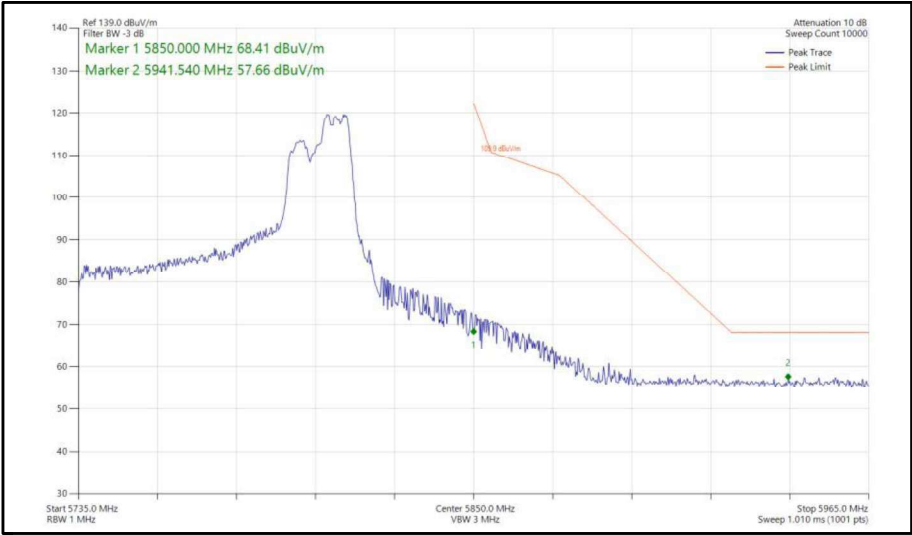


Figure 478 - 802.11ax, HE80, RU 106-60, CDD, Core 0-1 - 5775 MHz,
Band Edge Frequency 5850 MHz

80 MHz Bandwidth - Core 0-1 (SDM)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)
802.11ac VHT80	MCS8x2	-	-	5530	5470	63.34
802.11ax HE80	MCS4x2	SU	-	5530	5470	63.61
802.11ax HE80	MCS11x2	106	53	5530	5470	63.44
802.11ac VHT80	MCS4x2	-	-	5775	5725	61.69
802.11ax HE80	MCS11x2	SU	-	5775	5725	62.57
802.11ax HE80	MCS11x2	26	36	5775	5725	66.73
802.11ac VHT80	MCS2x2	-	-	5610	5725	63.39
802.11ax HE80	MCS11x2	SU	-	5610	5725	63.67
802.11ax HE80	MCS11x2	106	60	5610	5725	63.03
802.11ac VHT80	MCS8x2	-	-	5690	5850	61.46
802.11ac VHT80	MCS4x2	-	-	5775	5850	61.22
802.11ax HE80	MCS11x2	SU	-	5690	5850	62.56
802.11ax HE80	MCS11x2	106	53	5690	5850	56.92
802.11ax HE80	MCS11x2	SU	-	5775	5850	62.76
802.11ax HE80	MCS11x2	106	60	5775	5850	57.30

Table 825 - SDM Authorised Band Edge Results

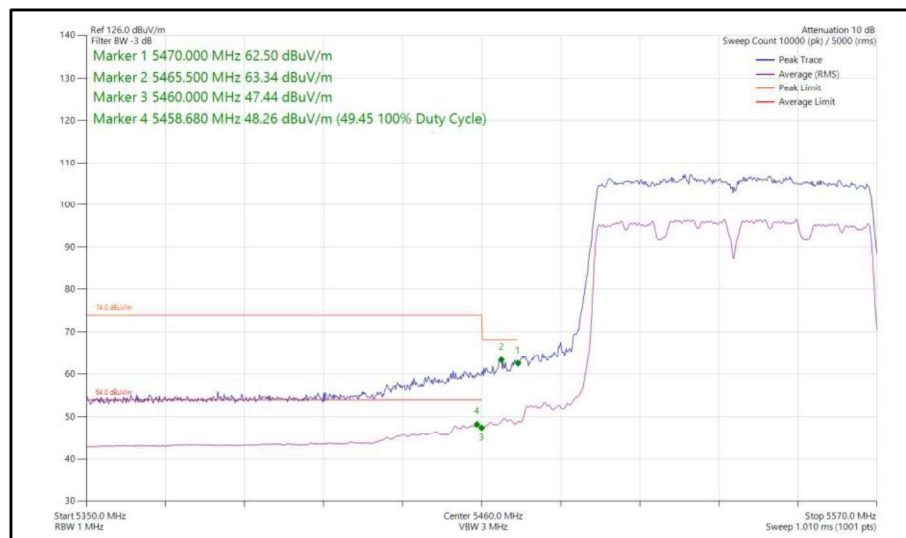


Figure 479 - 802.11ac, VHT80, SDM, Core 0-1 - 5530 MHz,
Band Edge Frequency 5470 MHz

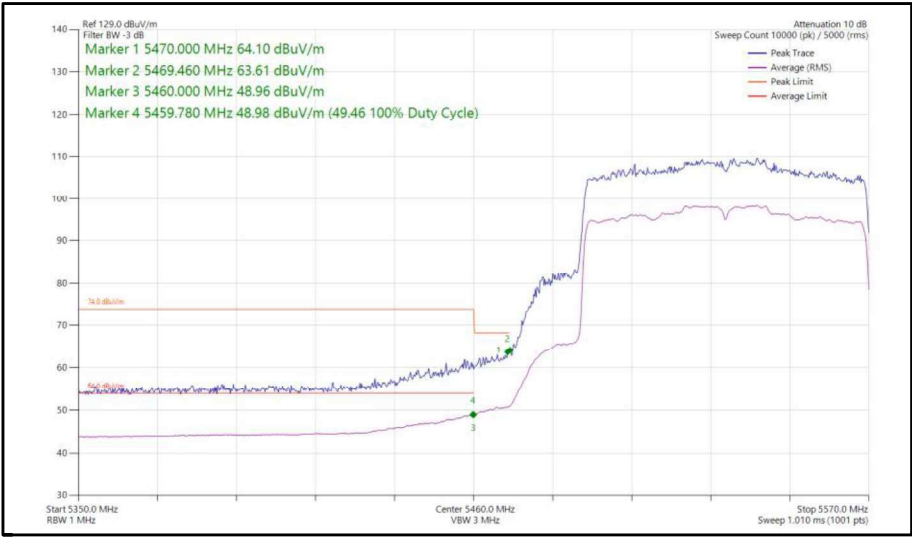


Figure 480 - 802.11ax, HE80, SU, SDM, Core 0-1 - 5530 MHz,
Band Edge Frequency 5470 MHz

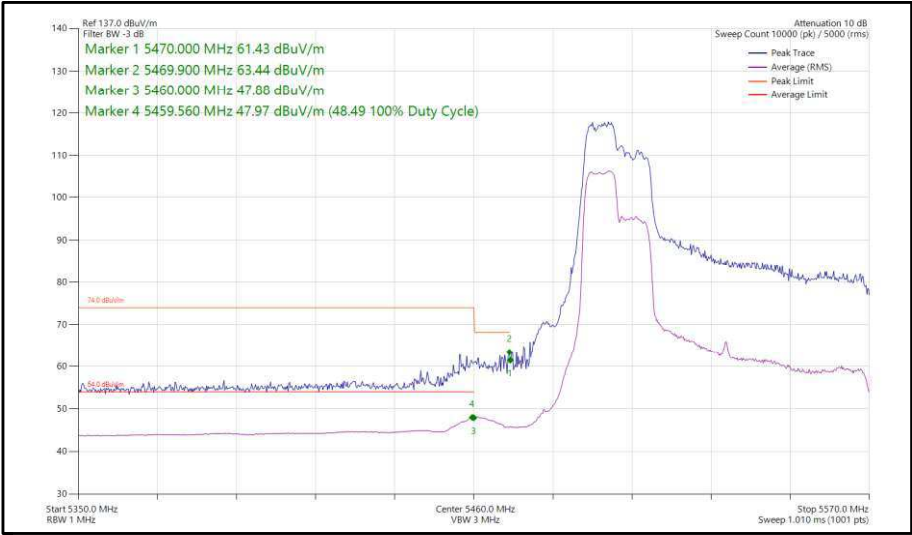


Figure 481 - 802.11ax, HE80, RU 106-53, SDM, Core 0-1 - 5530 MHz,
Band Edge Frequency 5470 MHz

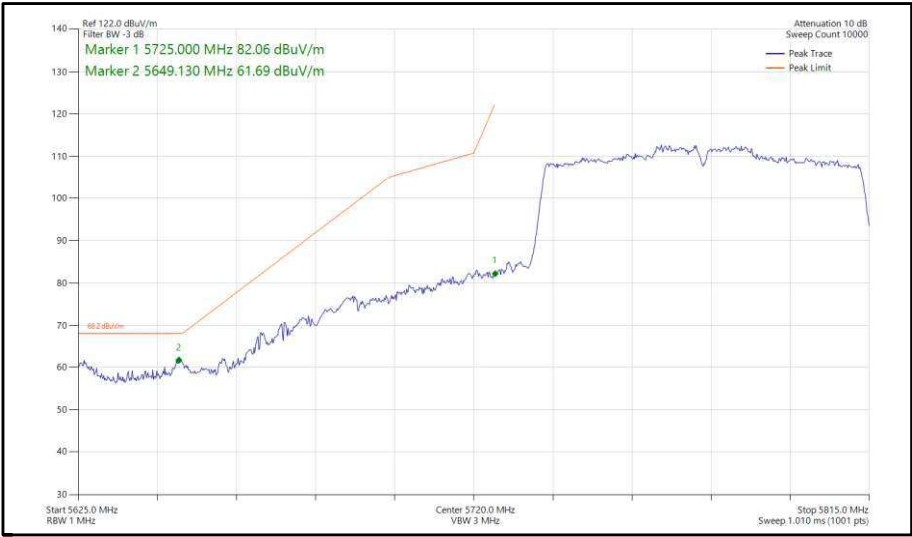


Figure 482 - 802.11ac, VHT80, SDM, Core 0-1 - 5775 MHz,
Band Edge Frequency 5725 MHz

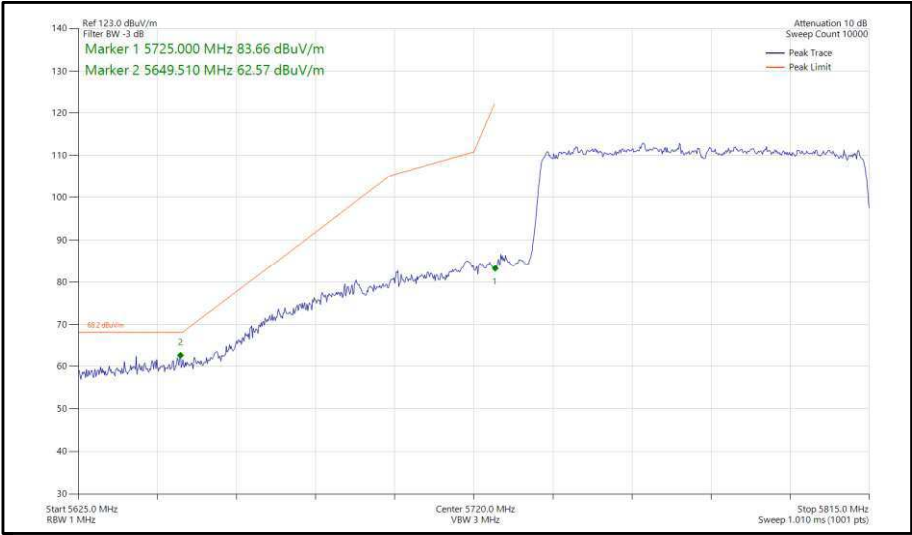


Figure 483 - 802.11ax, HE80, SU, SDM, Core 0-1 - 5775 MHz,
Band Edge Frequency 5725 MHz

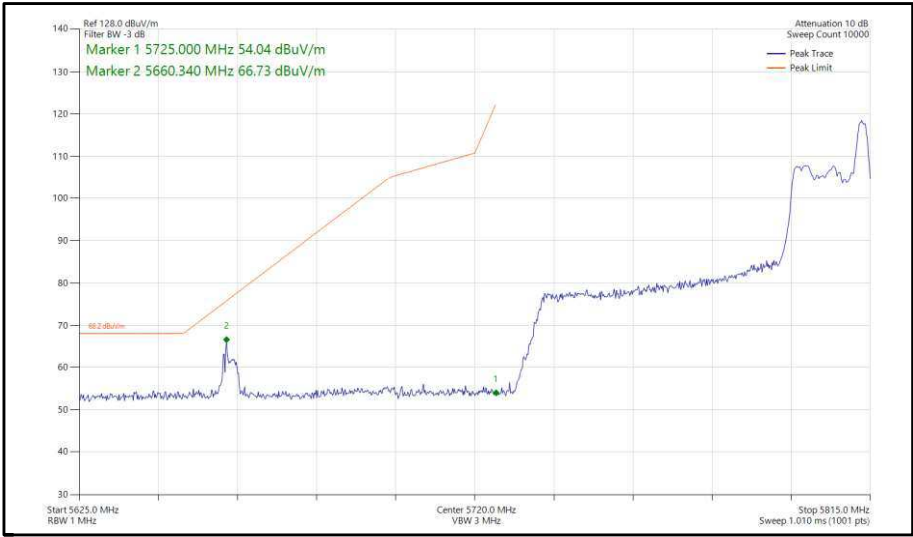


Figure 484 - 802.11ax, HE80, RU 26-36, SDM, Core 0-1 - 5775 MHz,
Band Edge Frequency 5725 MHz

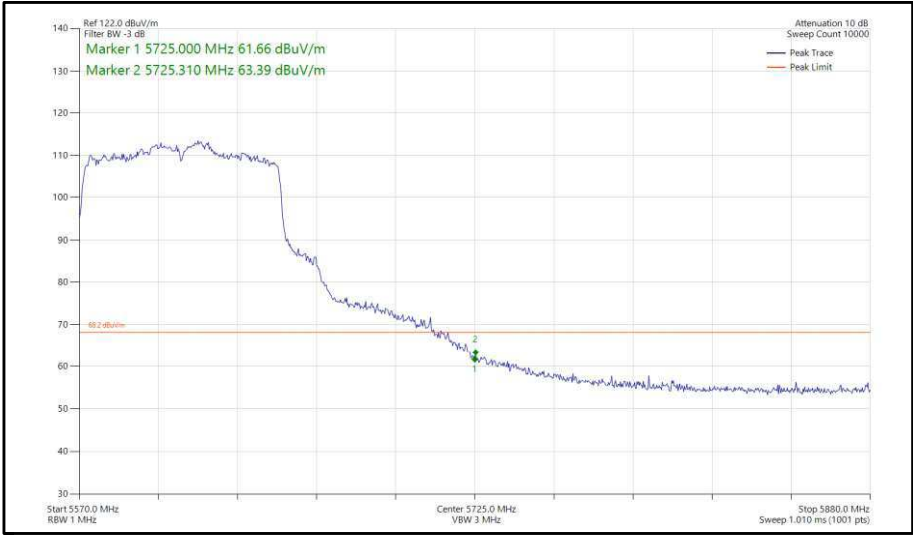


Figure 485 - 802.11ac, VHT80, SDM, Core 0-1 - 5610 MHz,
Band Edge Frequency 5725 MHz

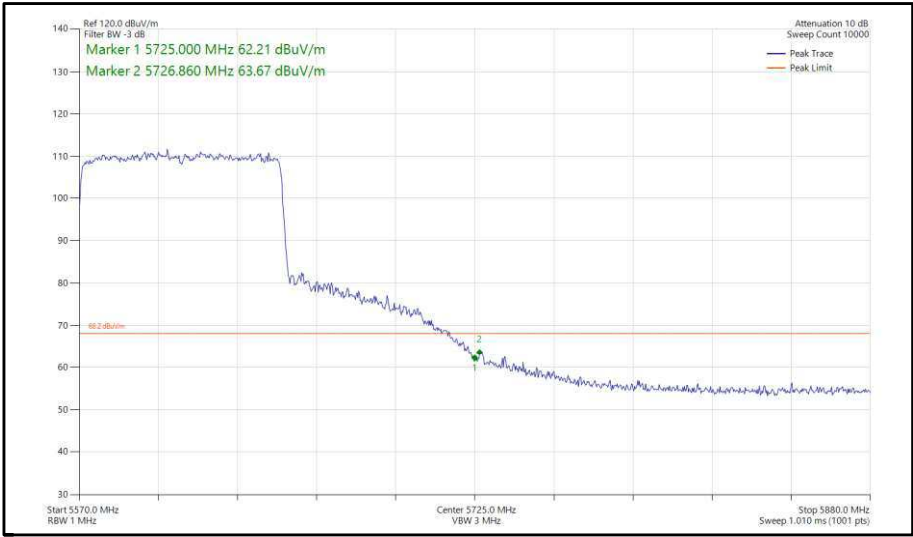


Figure 486 - 802.11ax, HE80, SU, SDM, Core 0-1 - 5610 MHz,
Band Edge Frequency 5725 MHz

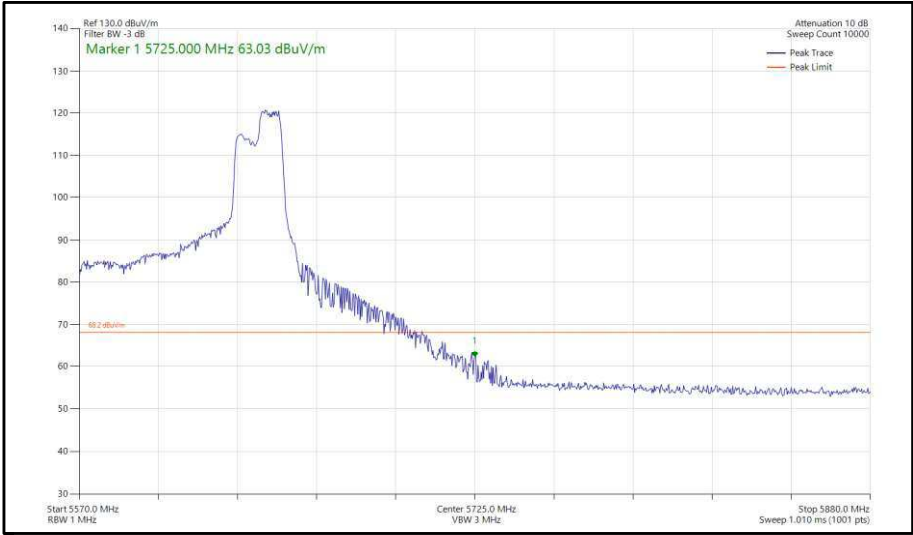


Figure 487 - 802.11ax, HE80, RU 106-60, SDM, Core 0-1 - 5610 MHz,
Band Edge Frequency 5725 MHz

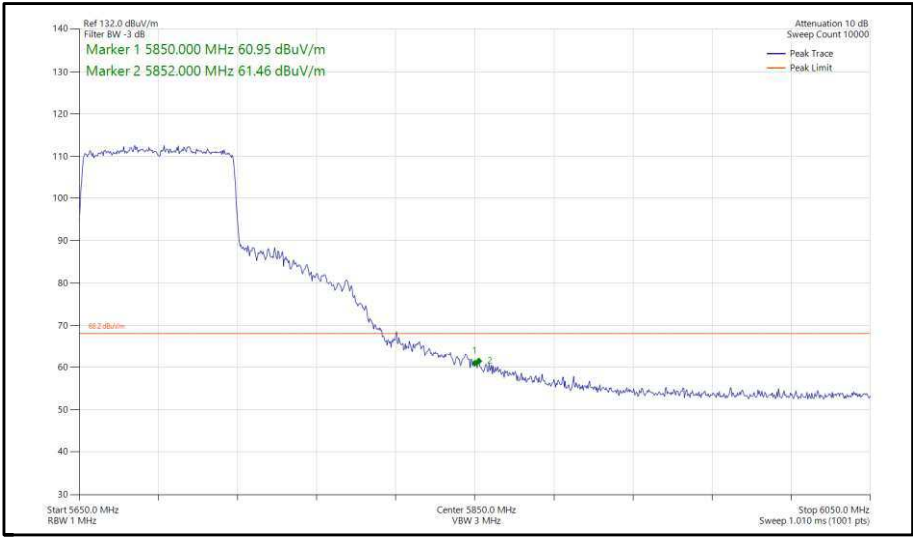


Figure 488 - 802.11ac, VHT80, SDM, Core 0-1 - 5690 MHz,
Band Edge Frequency 5850 MHz

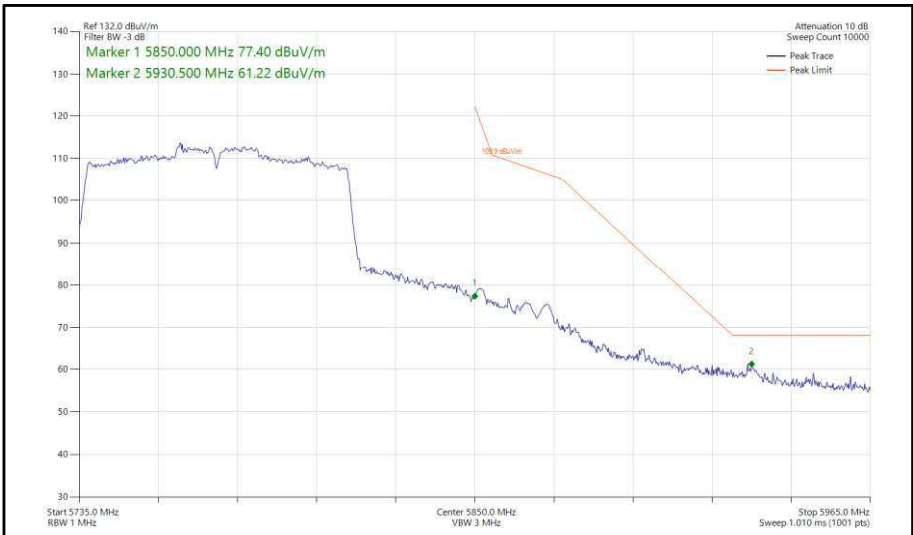


Figure 489 - 802.11ac, VHT80, SDM, Core 0-1 - 5775 MHz,
Band Edge Frequency 5850 MHz

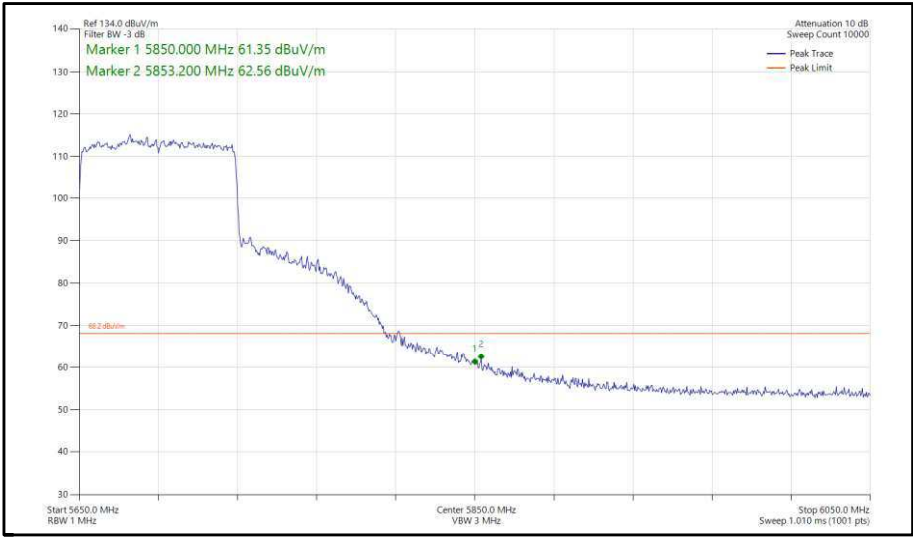


Figure 490 - 802.11ax, HE80, SU, SDM, Core 0-1 - 5690 MHz,
Band Edge Frequency 5850 MHz

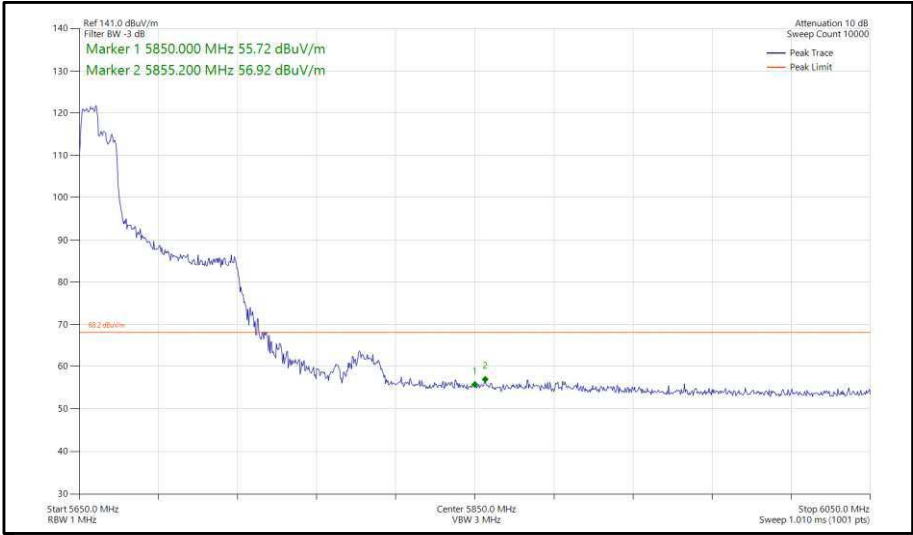


Figure 491 - 802.11ax, HE80, RU 106-53, SDM, Core 0-1 - 5690 MHz,
Band Edge Frequency 5850 MHz

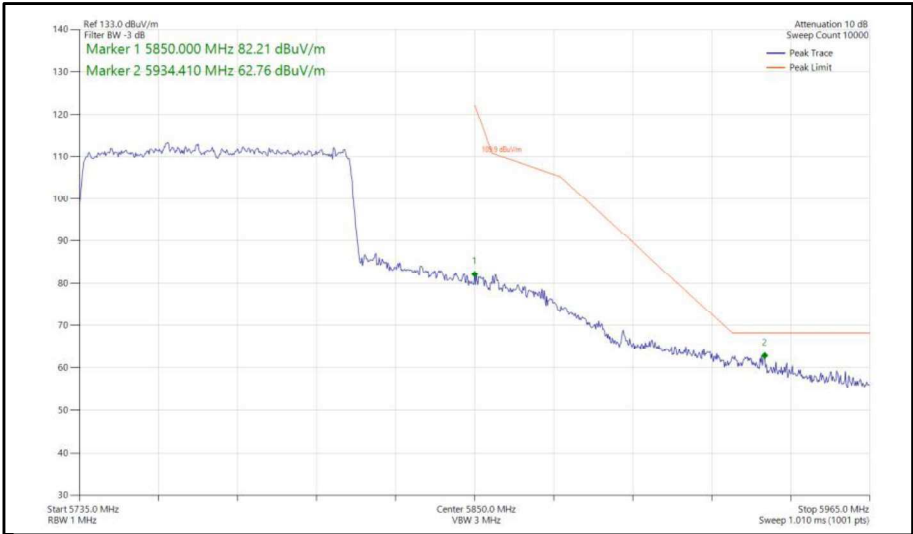


Figure 492 - 802.11ax, HE80, SU, SDM, Core 0-1 - 5775 MHz,
Band Edge Frequency 5850 MHz

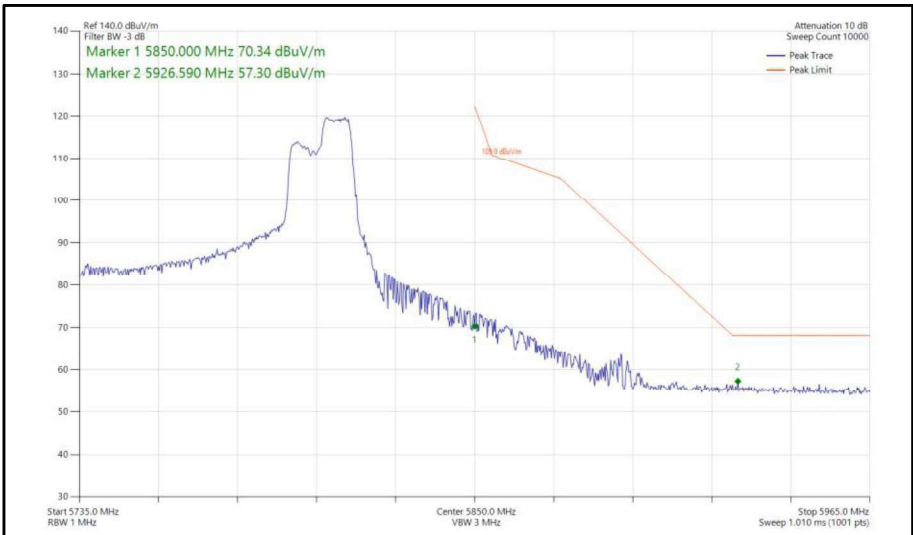
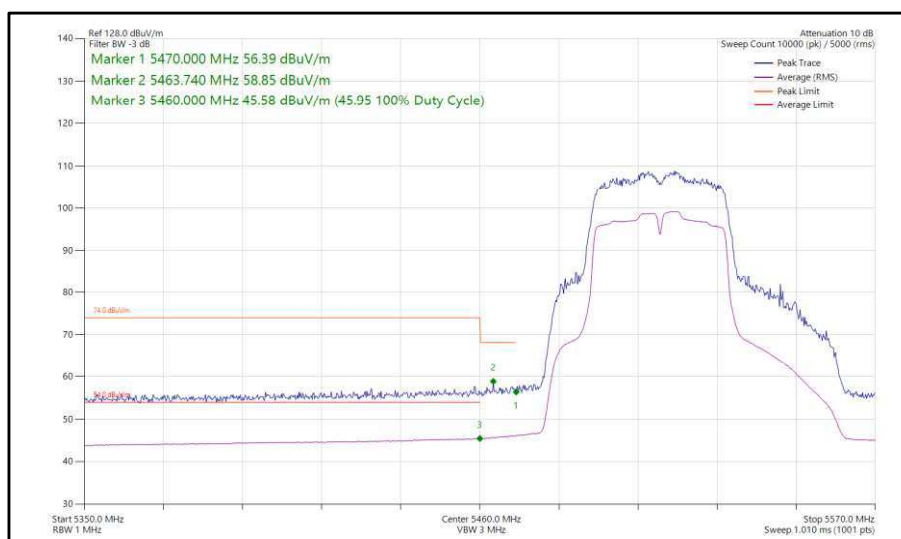


Figure 493 - 802.11ax, HE80, RU 106-60, SDM, Core 0-1 - 5775 MHz,
Band Edge Frequency 5850 MHz

80 MHz Bandwidth - Core 0-1 (TxBF)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)
802.11ac VHT80	MCS2x1	-	-	5530	5470	58.85
802.11ax HE80	MCS2x1	SU	-	5530	5470	59.72
802.11ac VHT80	MCS2x1	-	-	5775	5725	63.40
802.11ax HE80	MCS11x1	SU	-	5775	5725	63.66
802.11ac VHT80	MCS8x1	-	-	5610	5725	61.11
802.11ax HE80	MCS11x1	SU	-	5610	5725	63.19
802.11ac VHT80	MCS8x1	-	-	5690	5850	63.07
802.11ac VHT80	MCS8x1	-	-	5775	5850	61.72
802.11ax HE80	MCS11x1	SU	-	5690	5850	63.13
802.11ax HE80	MCS11x1	SU	-	5775	5850	64.46

Table 826 - TxBF Authorised Band Edge Results



**Figure 494 - 802.11ac, VHT80, TxBF, Core 0-1 - 5530 MHz,
Band Edge Frequency 5470 MHz**

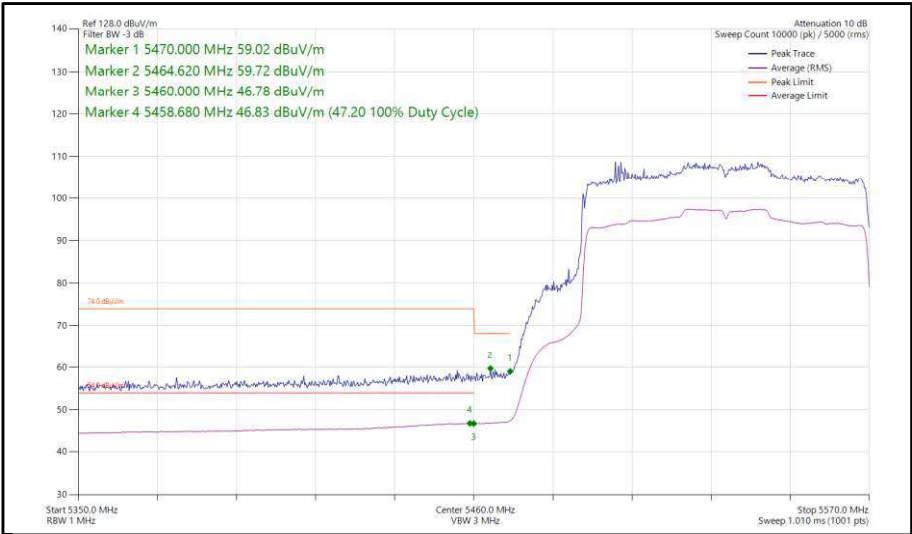


Figure 495 - 802.11ax, HE80, SU, TxBF, Core 0-1 - 5530 MHz,
Band Edge Frequency 5470 MHz

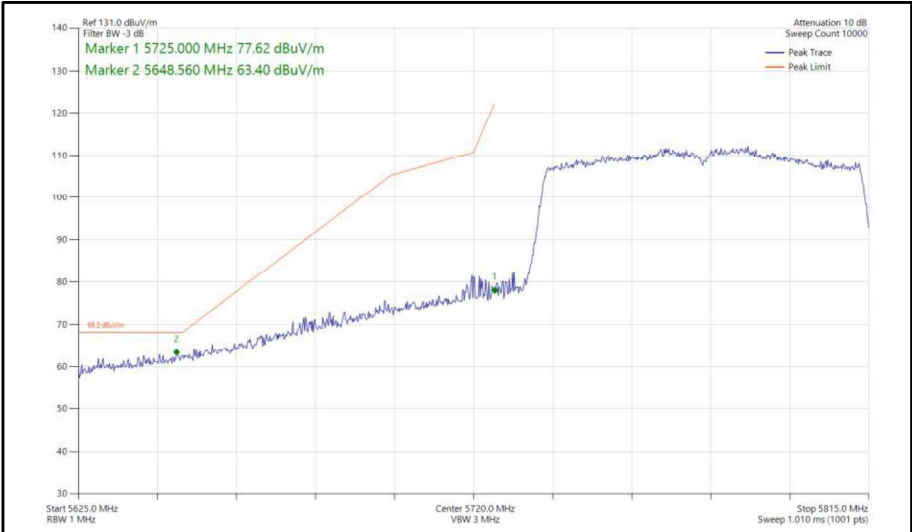


Figure 496 - 802.11ac, VHT80, TxBF, Core 0-1 - 5775 MHz,
Band Edge Frequency 5725 MHz

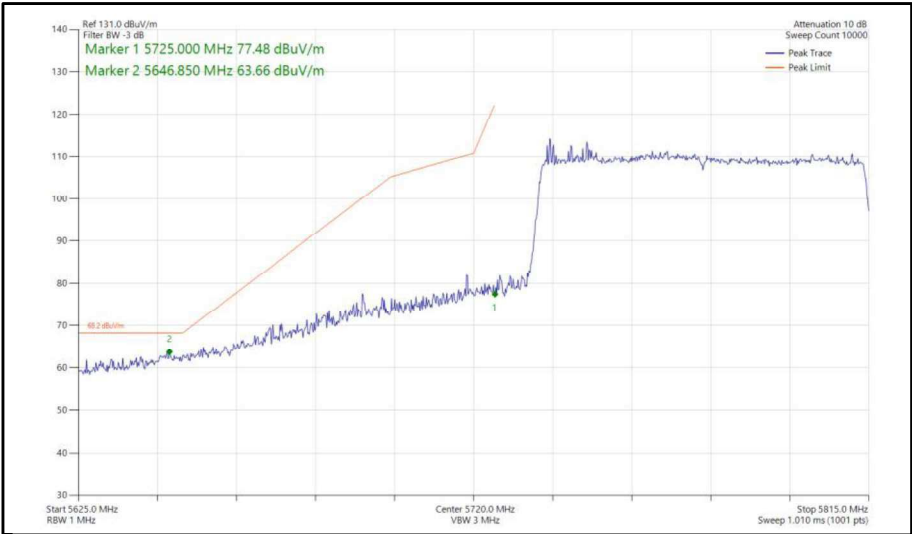


Figure 497 - 802.11ax, HE80, SU, TxBF, Core 0-1 - 5775 MHz,
Band Edge Frequency 5725 MHz

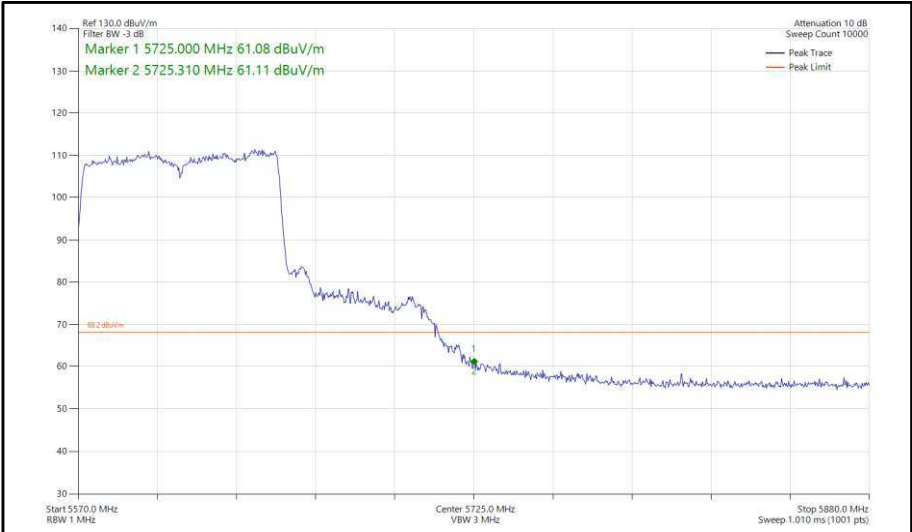


Figure 498 - 802.11ac, VHT80, TxBF, Core 0-1 - 5610 MHz,
Band Edge Frequency 5725 MHz

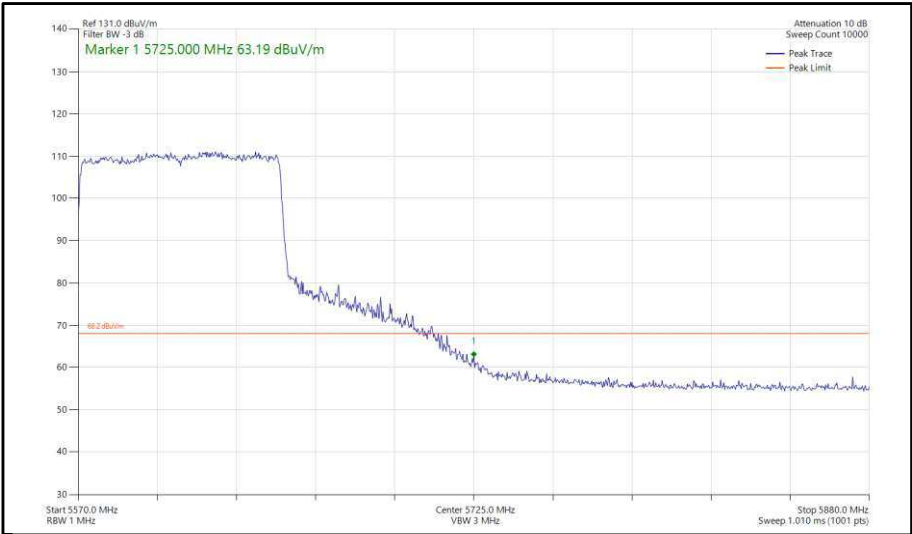


Figure 499 - 802.11ax, HE80, SU, TxBF, Core 0-1 - 5610 MHz,
Band Edge Frequency 5725 MHz

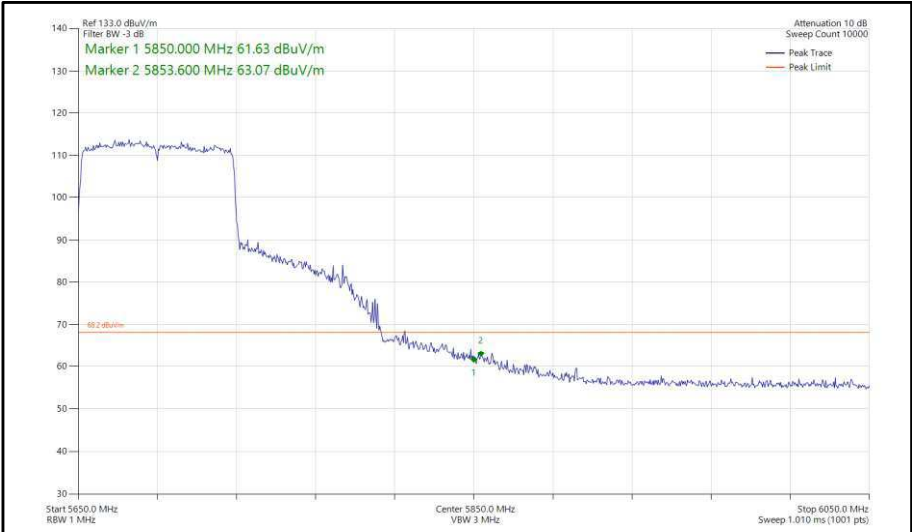


Figure 500 - 802.11ac, VHT80, TxBF, Core 0-1 - 5690 MHz,
Band Edge Frequency 5850 MHz

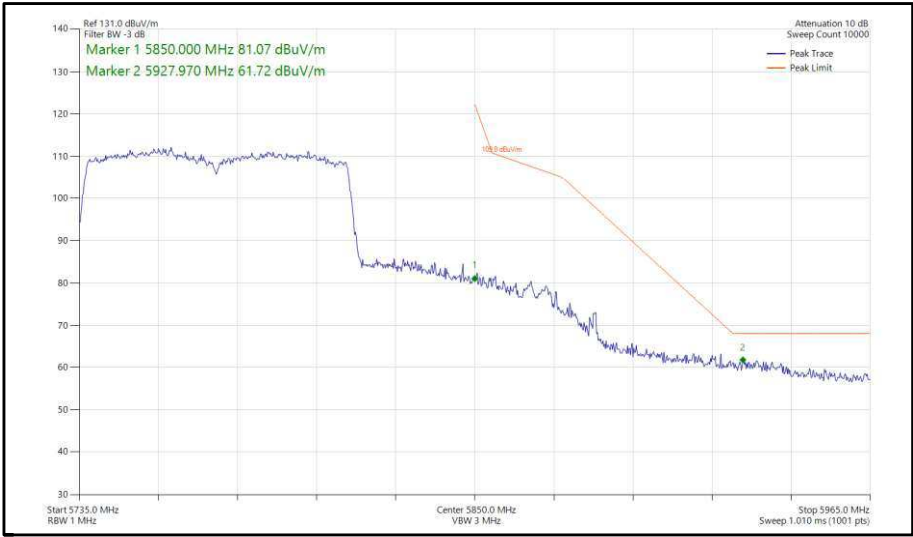


Figure 501 - 802.11ac, VHT80, TxBF, Core 0-1 - 5775 MHz,
Band Edge Frequency 5850 MHz

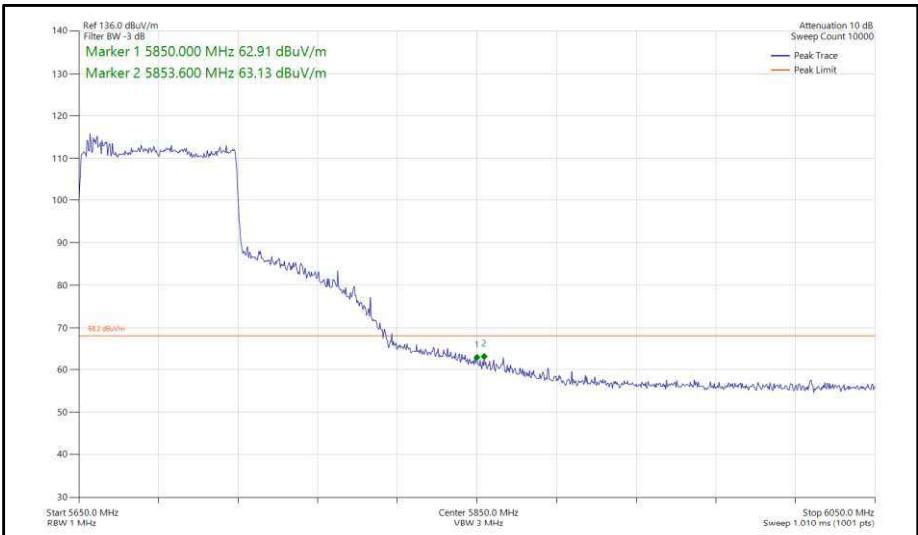


Figure 502 - 802.11ax, HE80, SU, TxBF, Core 0-1 - 5690 MHz,
Band Edge Frequency 5850 MHz

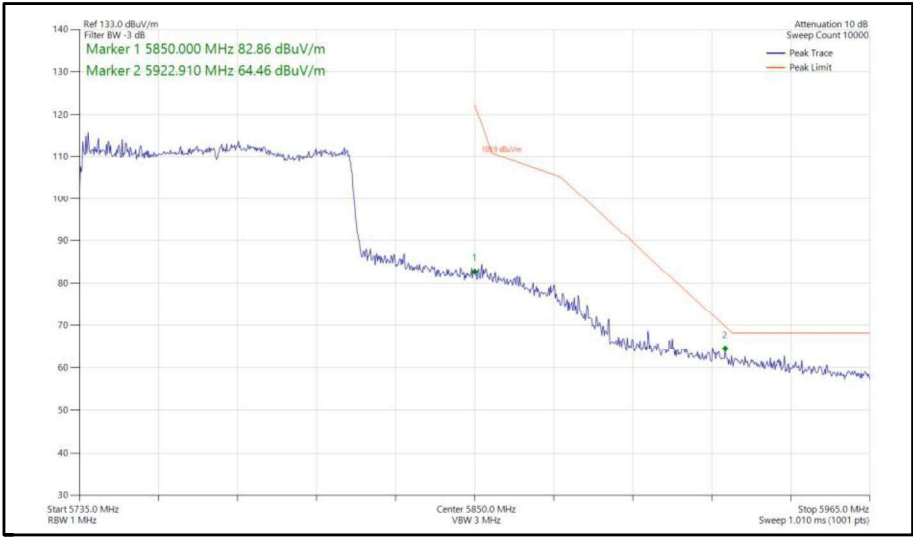


Figure 503 - 802.11ax, HE80, SU, TxBF, Core 0-1 - 5775 MHz,
Band Edge Frequency 5850 MHz



160 MHz Bandwidth - Core 0 (SISO)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBuV/m)
802.11ac VHT160	MCS7x1	-	-	5570	5470	61.94
802.11ax HE160	MCS11x1	SU	-	5570	5470	63.35
802.11ax HE160	MCS11x1	106	53	5570	5470	62.77
802.11ac VHT160	MCS7x1	-	-	5570	5725	63.59
802.11ax HE160	MCS2x1	SU	-	5570	5725	63.39
802.11ax HE160	MCS11x1	106	60	5570	5725	63.49

Table 827 - SISO Authorised Band Edge Results

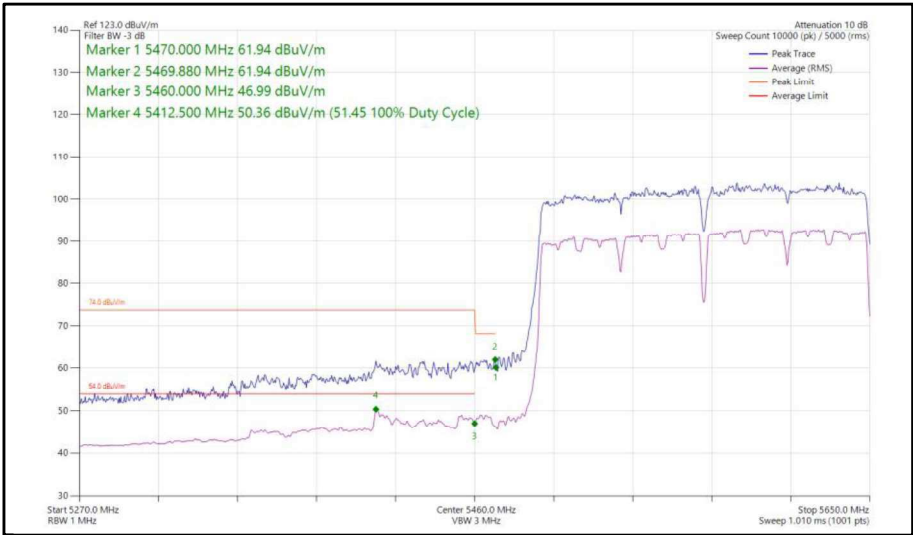
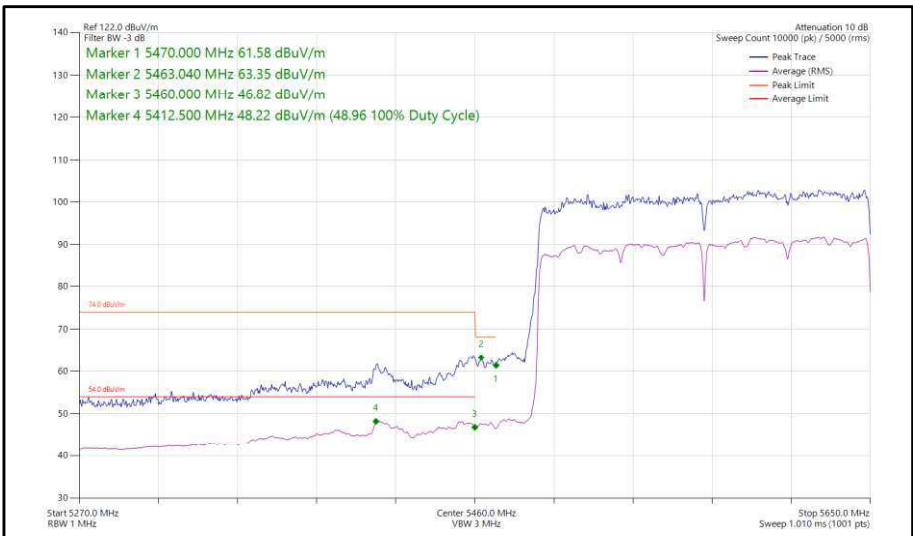
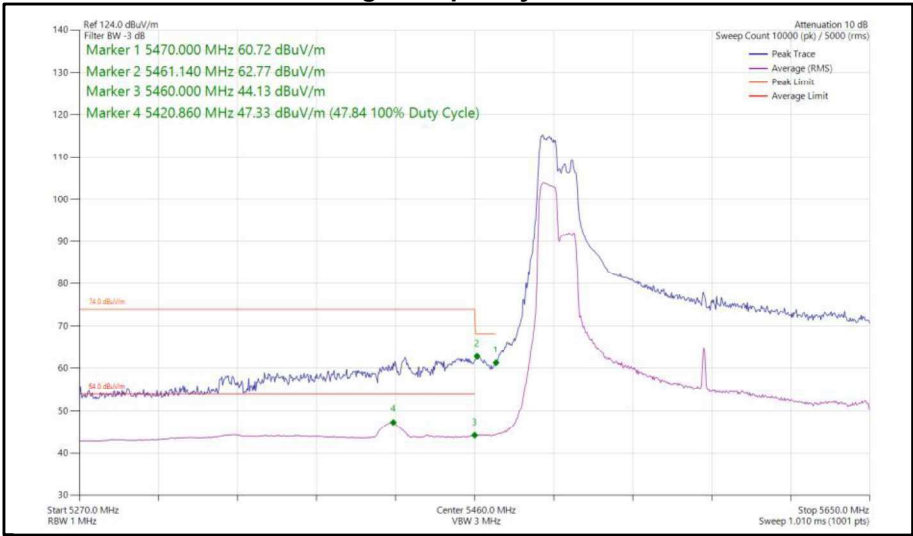


Figure 504 - 802.11ac, VHT160, SISO, Core 0 - 5570 MHz,
Band Edge Frequency 5470 MHz

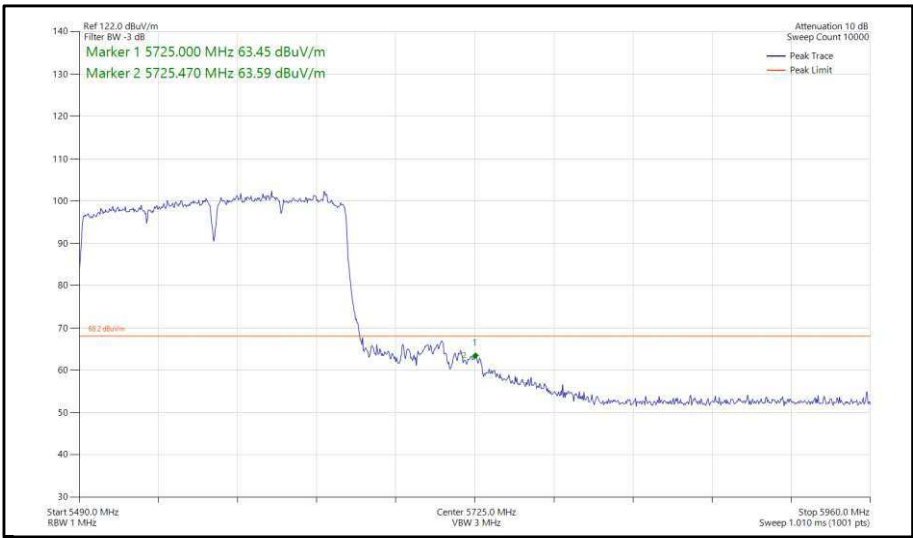




**Figure 505 - 802.11ax, HE160, SU, SISO, Core 0 - 5570 MHz,
Band Edge Frequency 5470 MHz**



**Figure 506 - 802.11ax, HE160, RU 106-53, SISO, Core 0 - 5570 MHz,
Band Edge Frequency 5470 MHz**



**Figure 507 - 802.11ac, VHT160, SISO, Core 0 - 5570 MHz,
Band Edge Frequency 5725 MHz**

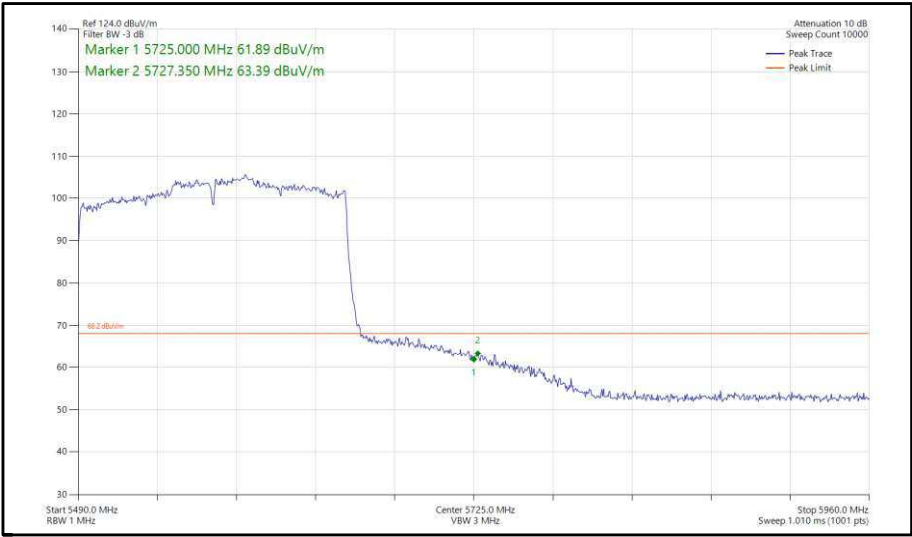


Figure 508 - 802.11ax, HE160, SU, SISO, Core 0 - 5570 MHz,
Band Edge Frequency 5725 MHz

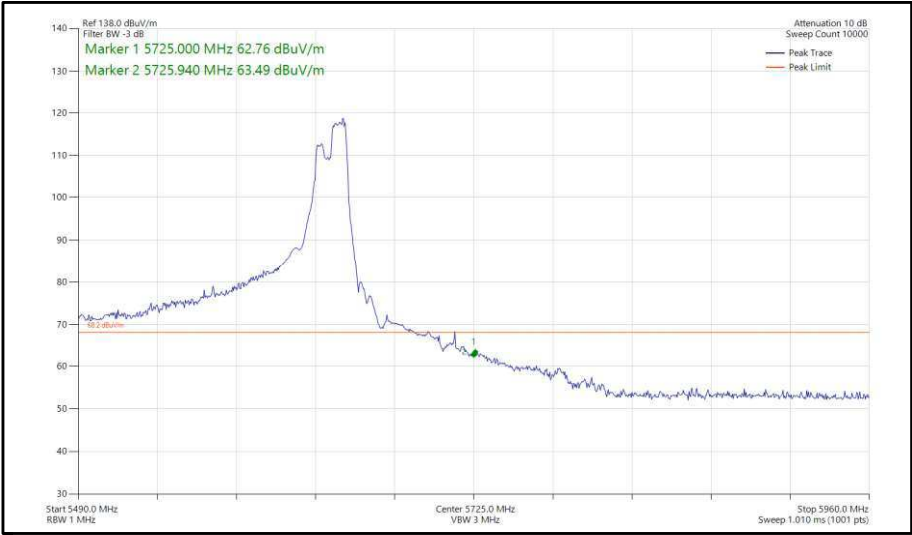


Figure 509 - 802.11ax, HE160, RU 106-60, SISO, Core 0 - 5570 MHz,
Band Edge Frequency 5725 MHz



160 MHz Bandwidth - Core 1 (SISO)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBuV/m)
802.11ac VHT160	MCS7x1	-	-	5570	5470	62.70
802.11ax HE160	MCS2x1	SU	-	5570	5470	63.35
802.11ax HE160	MCS11x1	106	53	5570	5470	63.66
802.11ac VHT160	MCS2x1	-	-	5570	5725	63.52
802.11ax HE160	MCS4x1	SU	-	5570	5725	63.58
802.11ax HE160	MCS11x1	52	52	5570	5725	63.47

Table 828 - SISO Authorised Band Edge Results

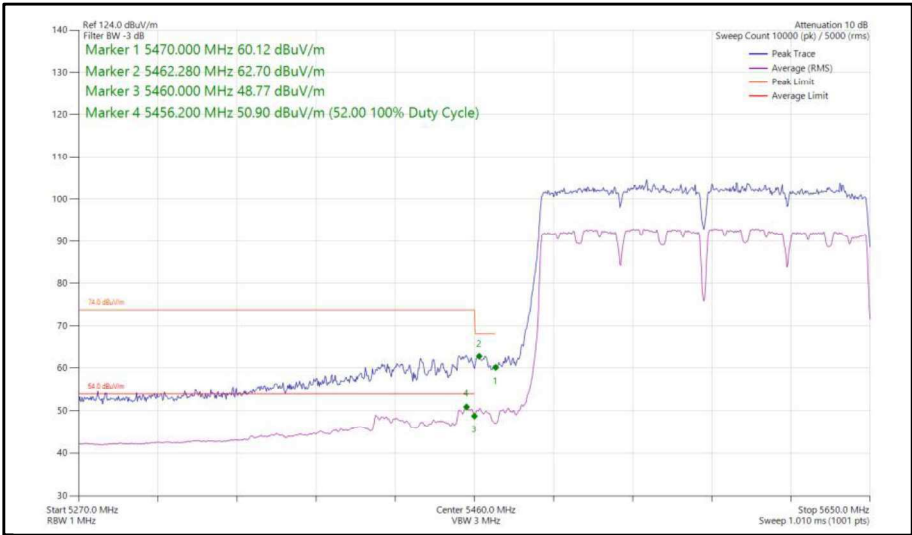
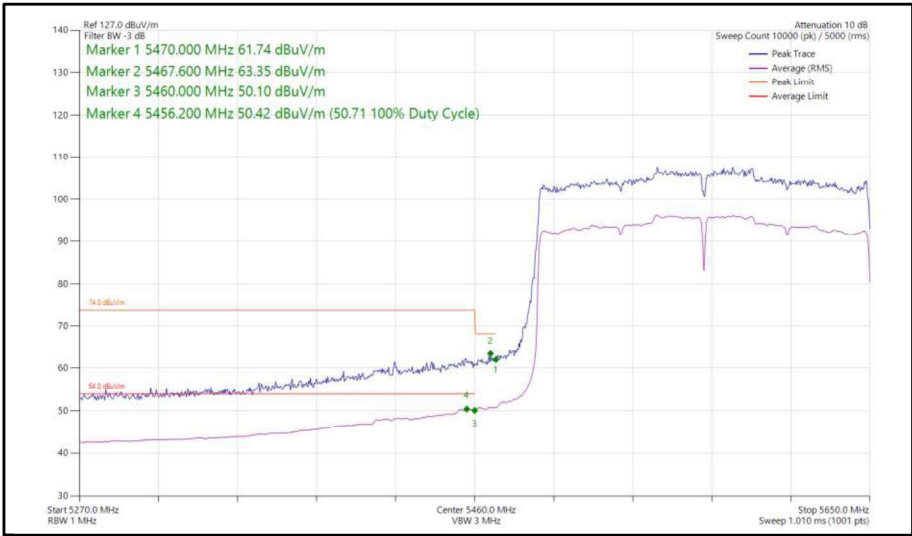
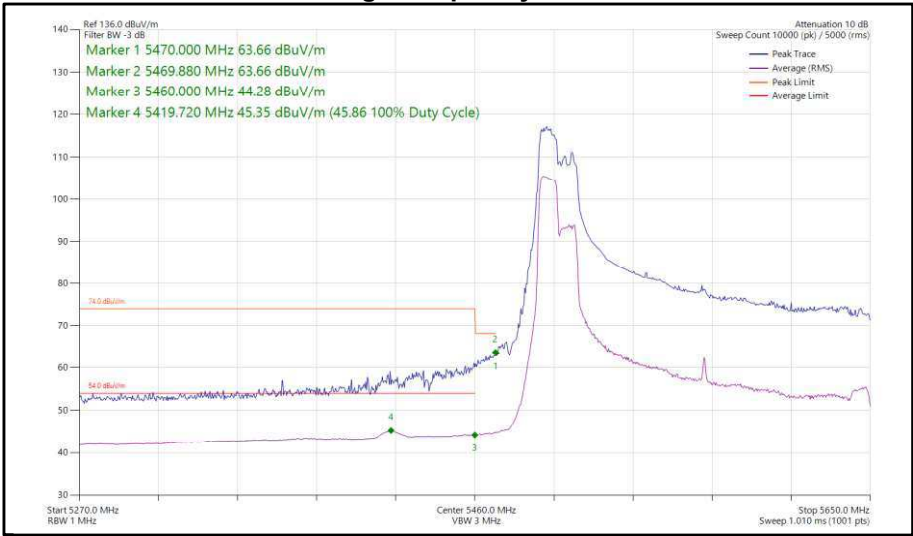


Figure 510 - 802.11ac, VHT160, SISO, Core 1 - 5570 MHz,
Band Edge Frequency 5470 MHz

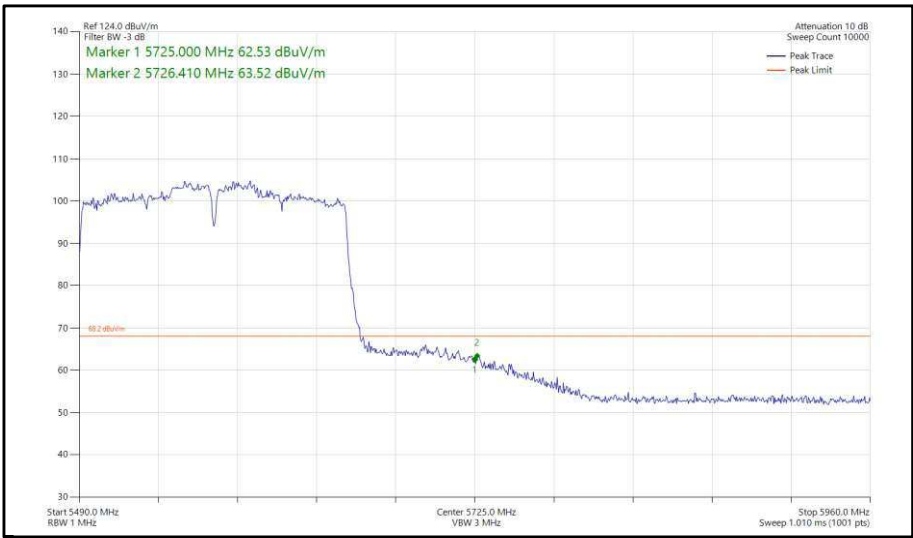




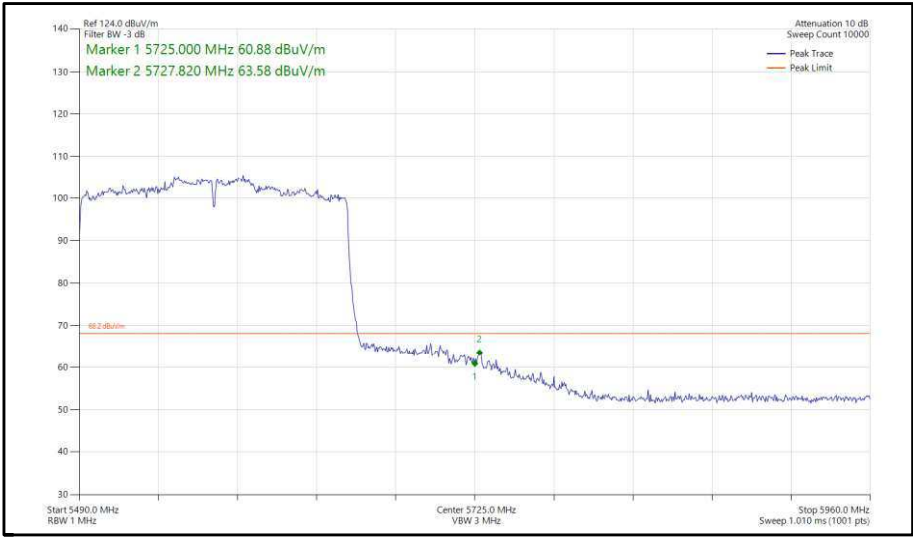
**Figure 511 - 802.11ax, HE160, SU, SISO, Core 1 - 5570 MHz,
Band Edge Frequency 5470 MHz**



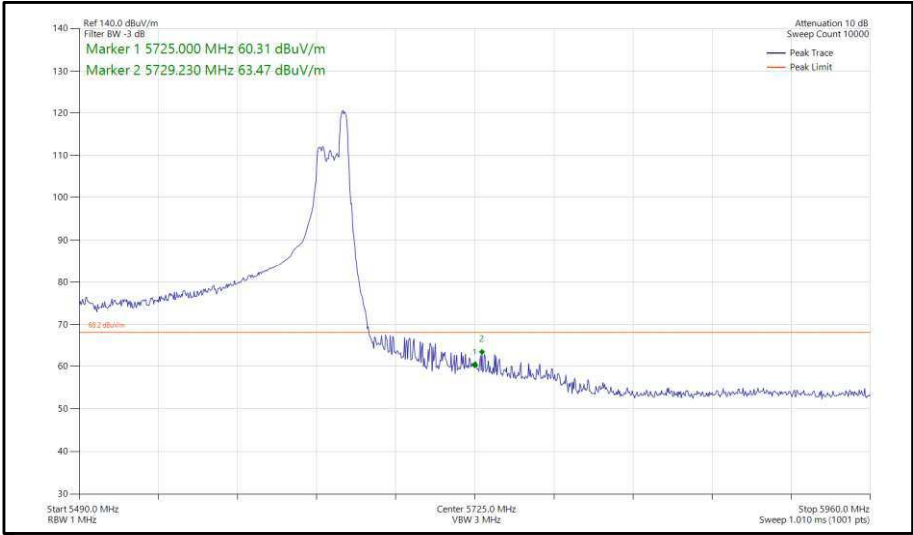
**Figure 512 - 802.11ax, HE160, RU 106-53, SISO, Core 1 - 5570 MHz,
Band Edge Frequency 5470 MHz**



**Figure 513 - 802.11ac, VHT160, SISO, Core 1 - 5570 MHz,
Band Edge Frequency 5725 MHz**



**Figure 514 - 802.11ax, HE160, SU, SISO, Core 1 - 5570 MHz,
Band Edge Frequency 5725 MHz**



**Figure 515 - 802.11ax, HE160, RU 52-52, SISO, Core 1 - 5570 MHz,
Band Edge Frequency 5725 MHz**



160 MHz Bandwidth - Core 0-1 (CDD)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)
802.11ac VHT160	MCS4x1	-	-	5570	5470	61.73
802.11ax HE160	MCS2x1	SU	-	5570	5470	63.37
802.11ax HE160	MCS11x1	106	60	5570	5470	63.31
802.11ac VHT160	MCS4x1	-	-	5570	5725	63.69
802.11ax HE160	MCS2x1	SU	-	5570	5725	63.37
802.11ax HE160	MCS11x1	52	52	5570	5725	63.59

Table 829 - CDD Authorised Band Edge Results

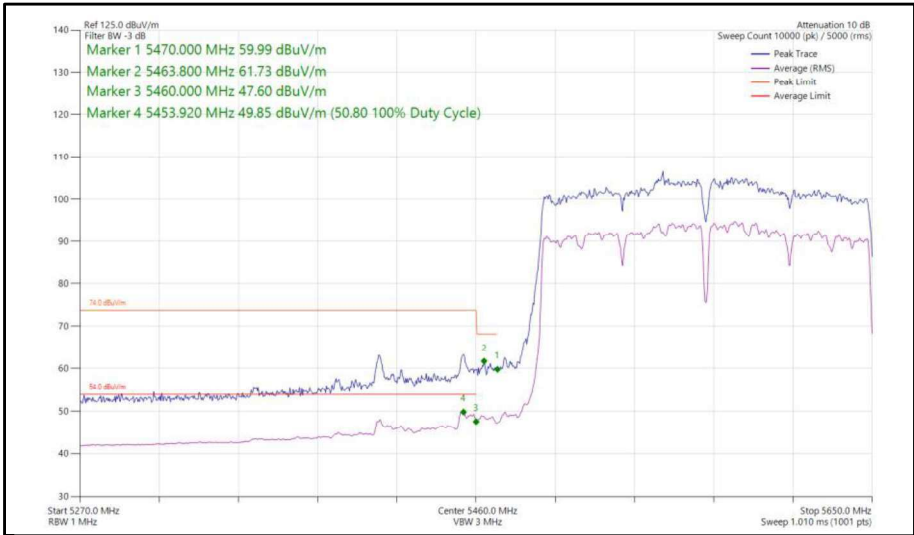
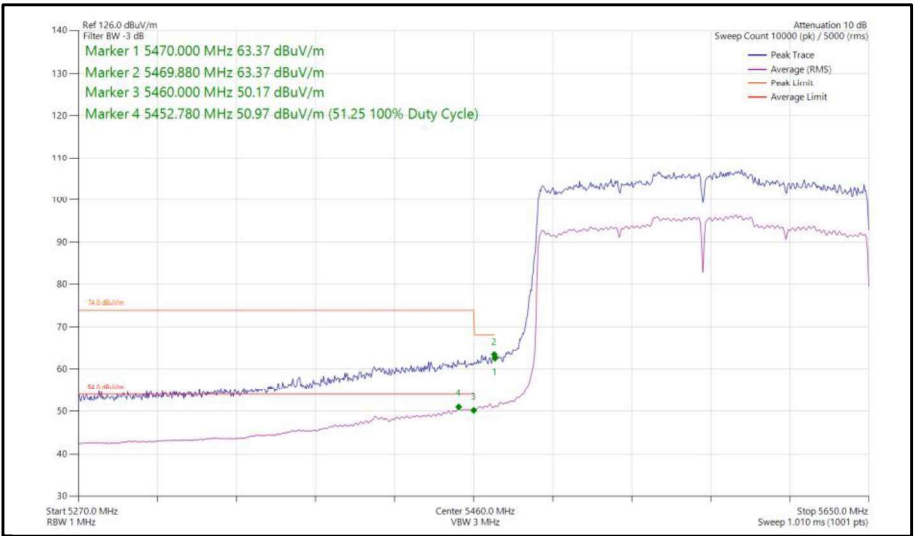
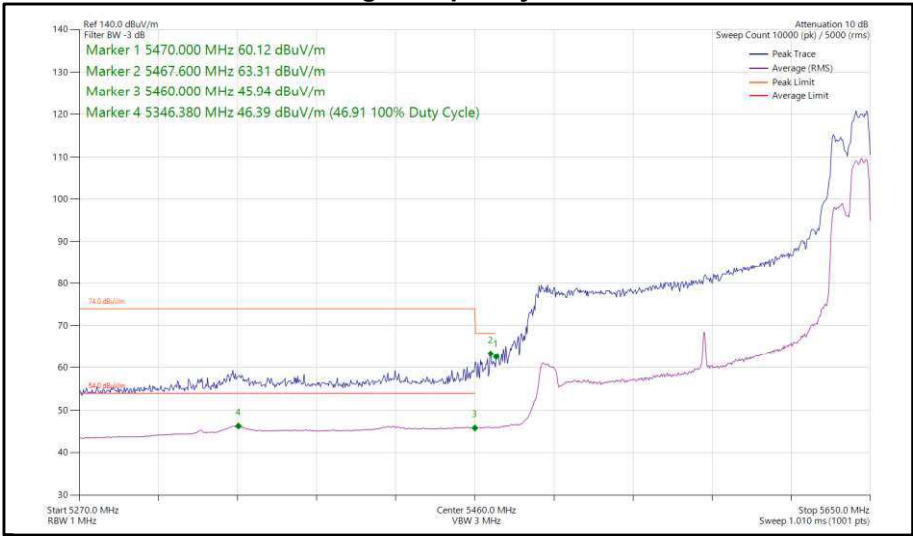


Figure 516 - 802.11ac, VHT160, CDD, Core 0-1 - 5570 MHz,
Band Edge Frequency 5470 MHz

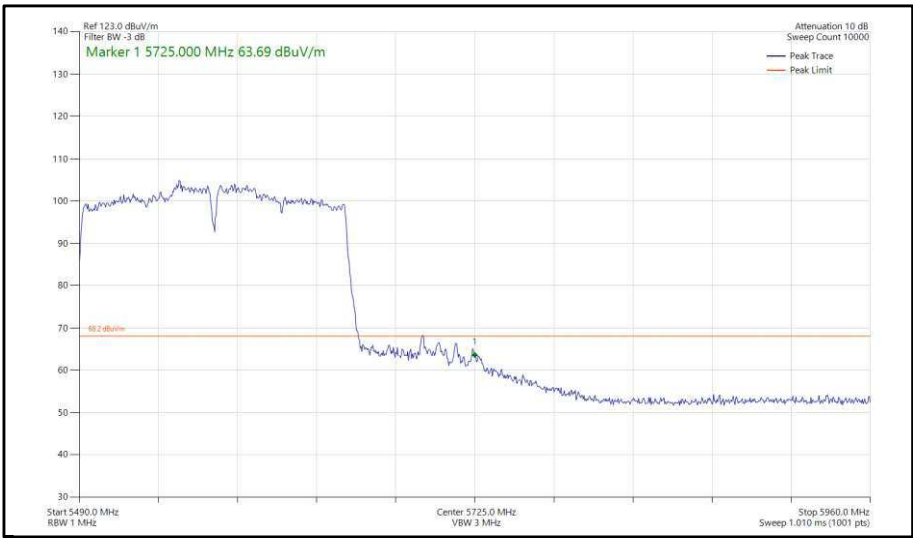




**Figure 517 - 802.11ax, HE160, SU, CDD, Core 0-1 - 5570 MHz,
Band Edge Frequency 5470 MHz**



**Figure 518 - 802.11ax, HE160, RU 106-60, CDD, Core 0-1 - 5570 MHz,
Band Edge Frequency 5470 MHz**



**Figure 519 - 802.11ac, VHT160, CDD, Core 0-1 - 5570 MHz,
Band Edge Frequency 5725 MHz**

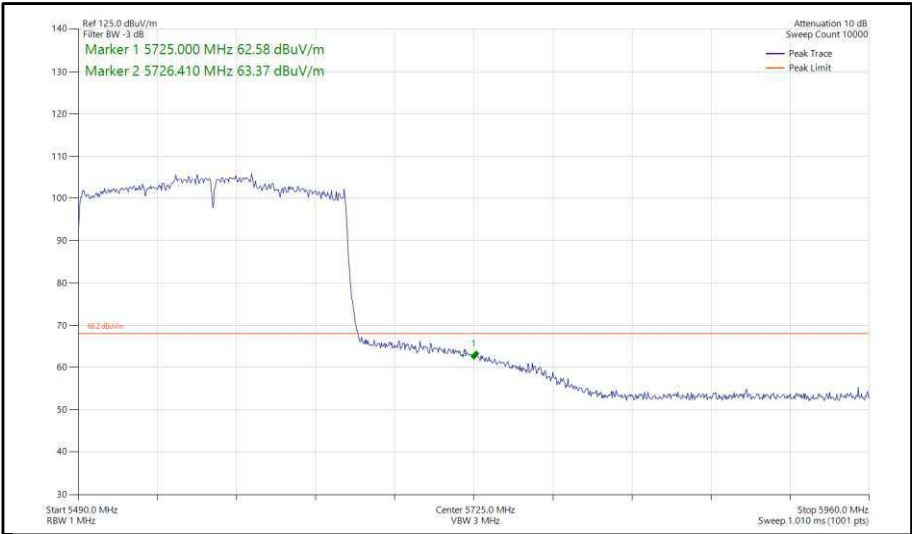


Figure 520 - 802.11ax, HE160, SU, CDD, Core 0-1 - 5570 MHz,
Band Edge Frequency 5725 MHz

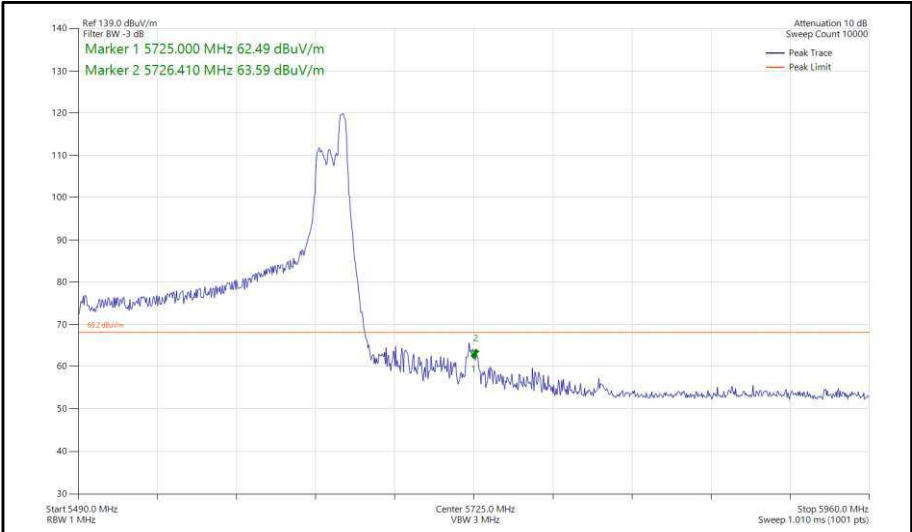


Figure 521 - 802.11ax, HE160, RU 52-52, CDD, Core 0-1 - 5570 MHz,
Band Edge Frequency 5725 MHz



160 MHz Bandwidth - Core 0-1 (SDM)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBuV/m)
802.11ac VHT160	MCS2x2	-	-	5570	5470	61.24
802.11ax HE160	MCS2x2	SU	-	5570	5470	62.39
802.11ax HE160	MCS11x2	106	53	5570	5470	63.68
802.11ac VHT160	MCS7x2	-	-	5570	5725	63.59
802.11ax HE160	MCS11x2	SU	-	5570	5725	63.63
802.11ax HE160	MCS11x2	106	60	5570	5725	63.59

Table 830 - SDM Authorised Band Edge Results

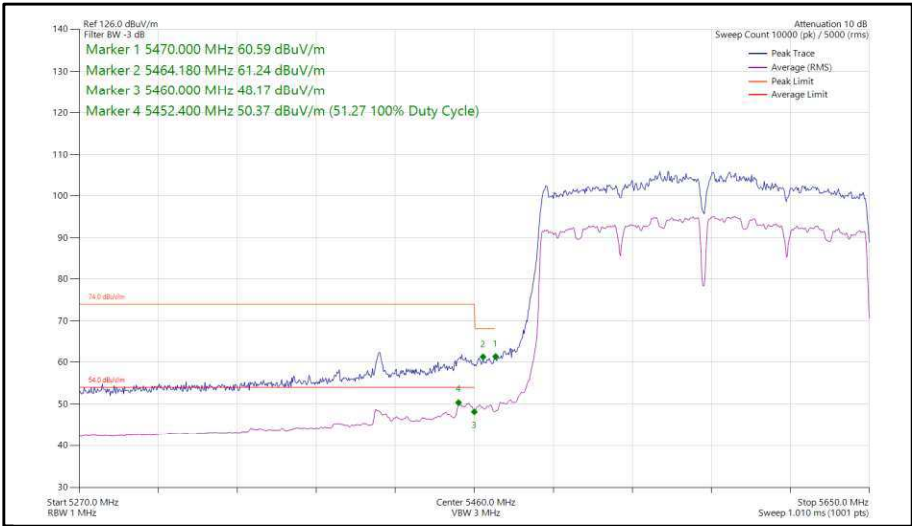


Figure 522 - 802.11ac, VHT160, SDM, Core 0-1 - 5570 MHz,
Band Edge Frequency 5470 MHz

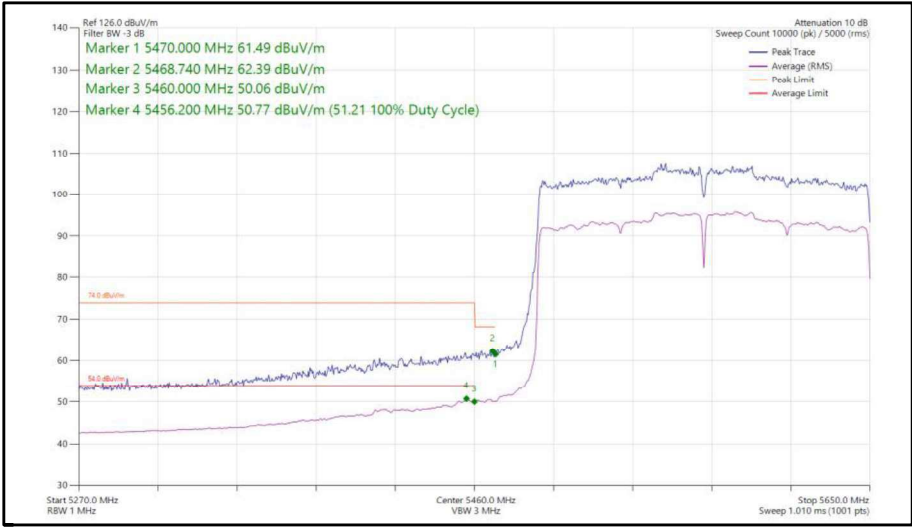


Figure 523 - 802.11ax, HE160, SU, SDM, Core 0-1 - 5570 MHz,
Band Edge Frequency 5470 MHz

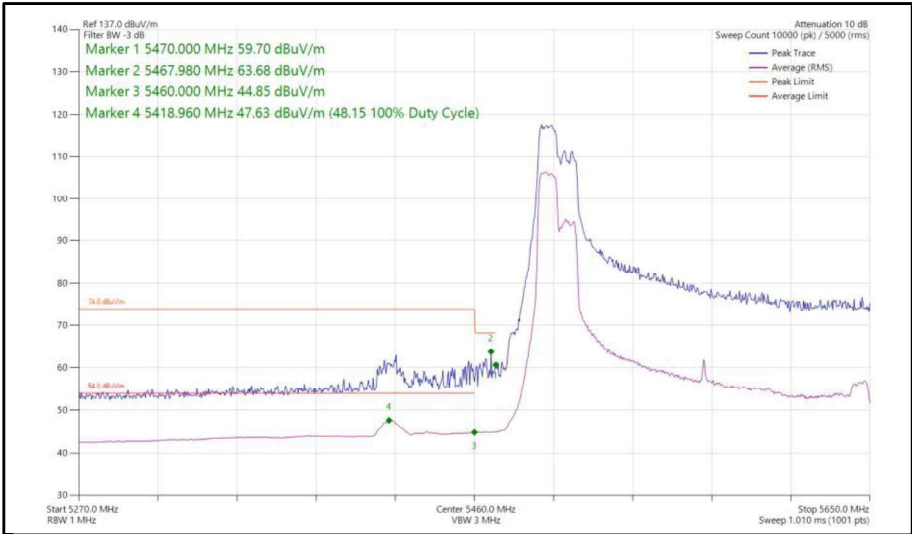


Figure 524 - 802.11ax, HE160, RU 106-53, SDM, Core 0-1 - 5570 MHz, Band Edge Frequency 5470 MHz

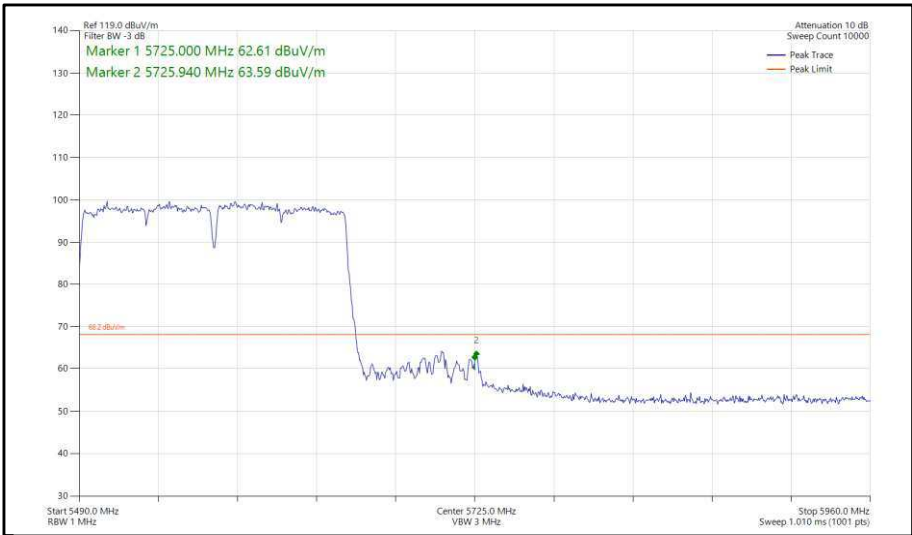


Figure 525 - 802.11ac, VHT160, SDM, Core 0-1 - 5570 MHz, Band Edge Frequency 5725 MHz

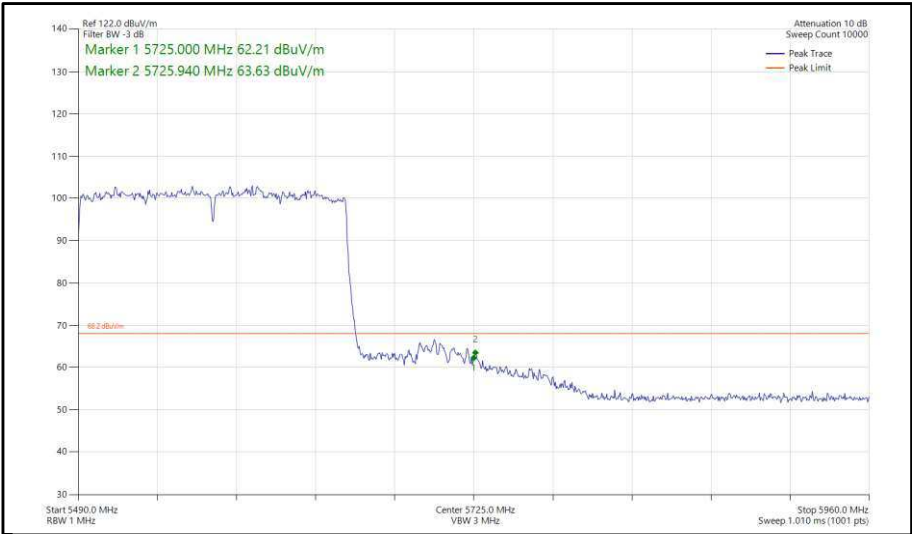


Figure 526 - 802.11ax, HE160, SU, SDM, Core 0-1 - 5570 MHz,
Band Edge Frequency 5725 MHz

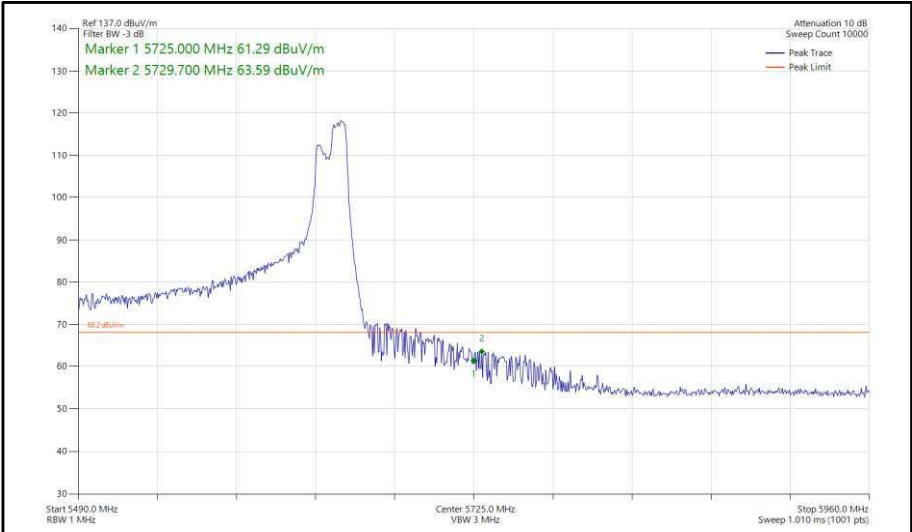


Figure 527 - 802.11ax, HE160, RU 106-60, SDM, Core 0-1 - 5570 MHz,
Band Edge Frequency 5725 MHz



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 14.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.1.10	5125	-	Software
EMI Test Receiver	Rohde & Schwarz	ESW44	5912	12	17-Mar-2023
1500W (300V 12A) AC Power Supply	iTech	IT7324	5956	-	O/P Mon
5m Semi-Anechoic Chamber (Dual-Axis)	Albatross Projects	RF Chamber 14	5958	36	26-Apr-2025
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5960	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5961	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5962	-	TU
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	5997	12	06-Jun-2023
Cable (SMA to SMA 6.5m)	Junkosha	MWX221-06500AMSAMS/B	6003	12	07-Jun-2023
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6008	12	06-Jun-2023
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6141	12	21-Jun-2023
SAC Switch Unit	TUV SUD	TUV_SSU_001	6144	12	05-Dec-2023
Humidity & Temperature meter	R.S Components	1364	6149	12	17-Jun-2023

Table 831

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

A2874, S/N: PNYQPYL91C - Modification State 0

2.6.3 Date of Test

27-February-2023 to 20-March-2023

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 802.11a in SISO, VHT20 CDD in 2TX MIMO and HE20 CDD in 2TX MIMO mode, with measurements undertaken from 30 MHz to 40 GHz, on channel 36 (5180 MHz) and channel 165 (5825 MHz).

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

All testing was performed using the lowest data rate/modulation scheme for the applicable mode since this was declared worst case by the customer.

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 using trace averaging.

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 dBuV/m to uV/m:
 $10^{(\text{Field Strength in dBuV/m}/20)}$

EIRP was converted to field strength at 3m using the following formula:
Field Strength (dBuV/m at 3 m) = EIRP (dBm) + 95.2 dB



2.6.5 Test Setup Diagram

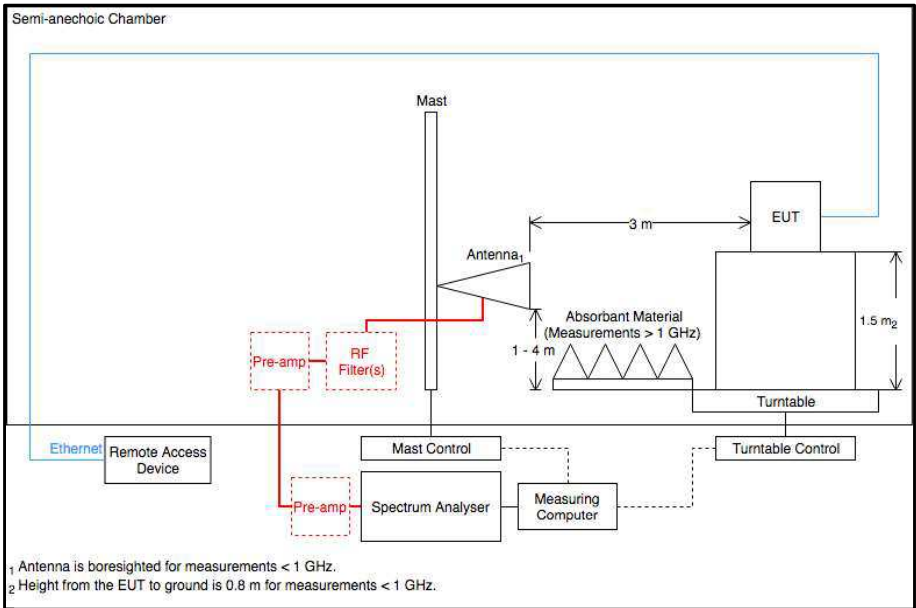


Figure 528 - Radiated Emissions Test Setup Diagram

2.6.6 Environmental Conditions

Ambient Temperature	20.3 - 23.2 °C
Relative Humidity	23.4 - 44.9 %



2.6.7 Test Results

5 GHz WLAN

Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
134.407	24.67	43.50	-18.83	Q-Peak	151	108	Horizontal
136.113	29.94	43.50	-13.56	Q-Peak	147	100	Vertical
246.274	23.25	46.00	-22.75	Q-Peak	184	108	Horizontal

Table 832 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

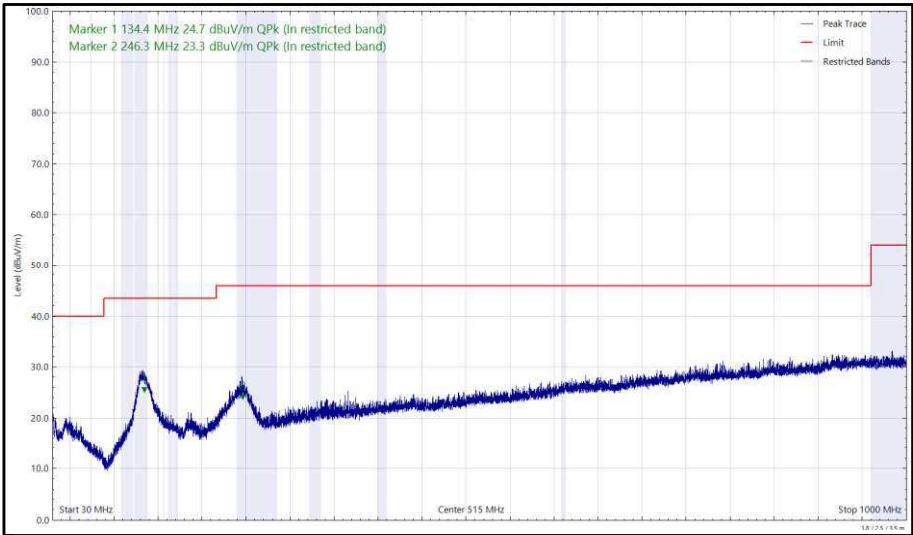


Figure 529 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

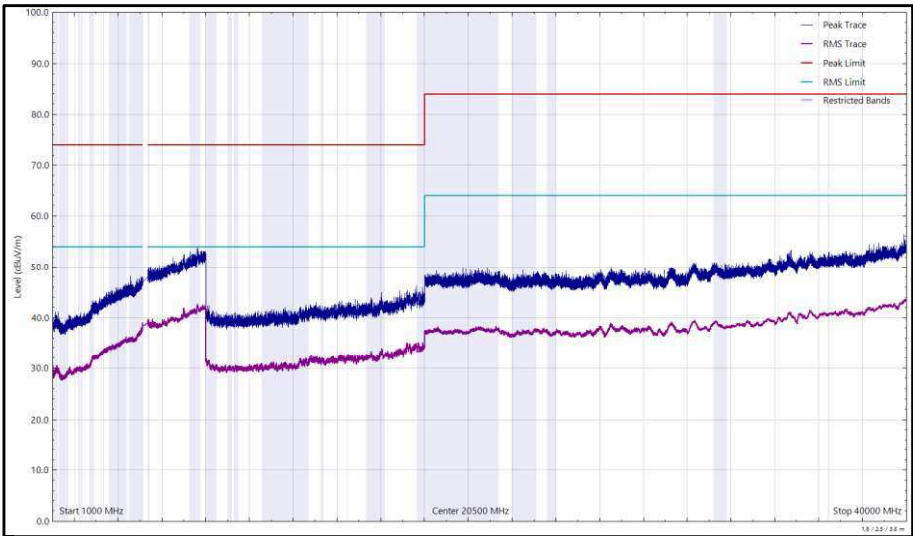


Figure 530 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

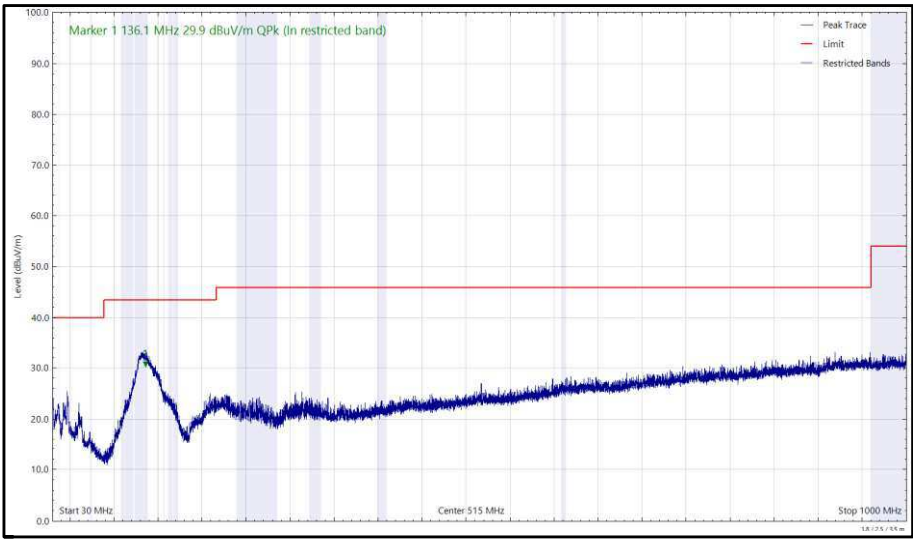


Figure 531 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

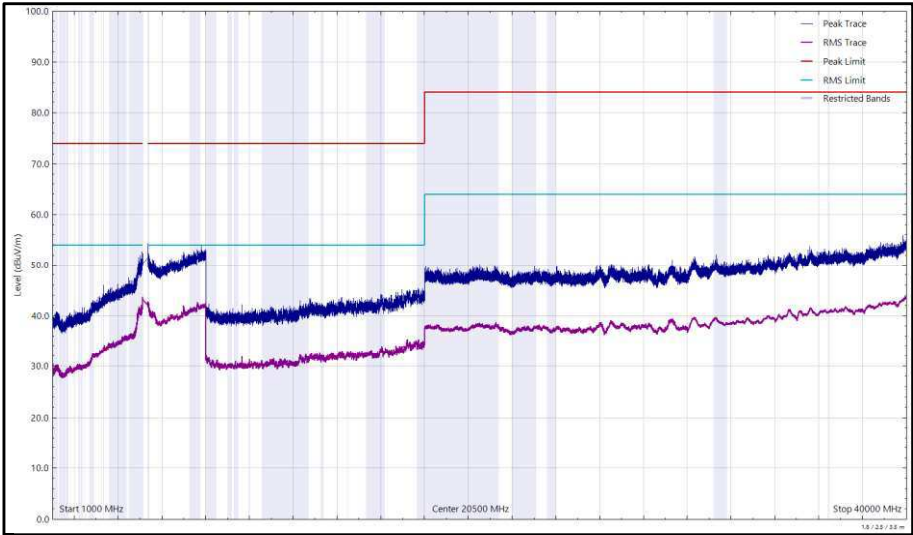


Figure 532 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical



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

Table 833 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 0, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

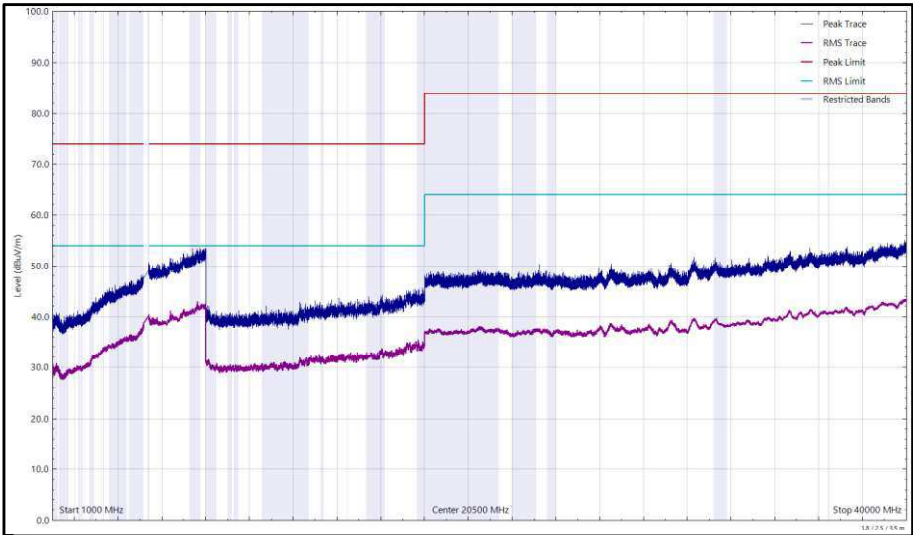


Figure 533 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

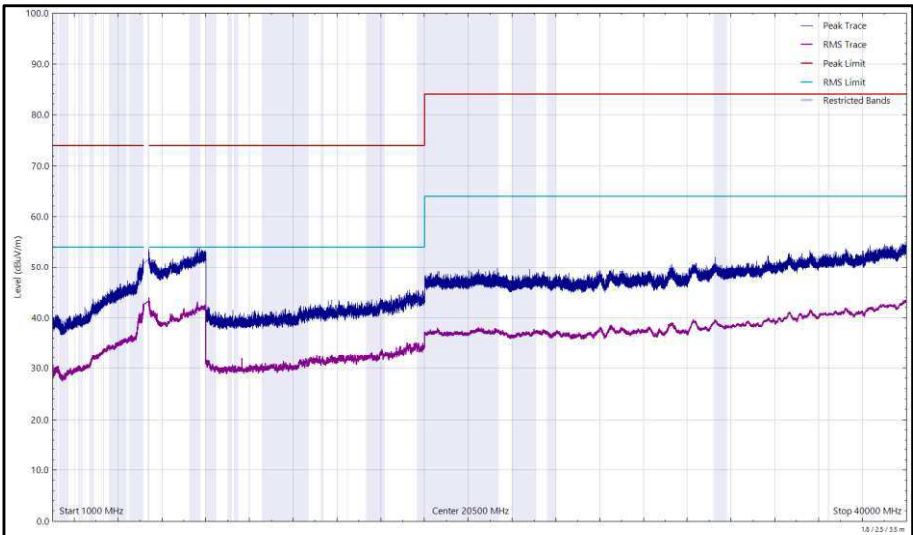


Figure 534 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical



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

Table 834 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 0, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

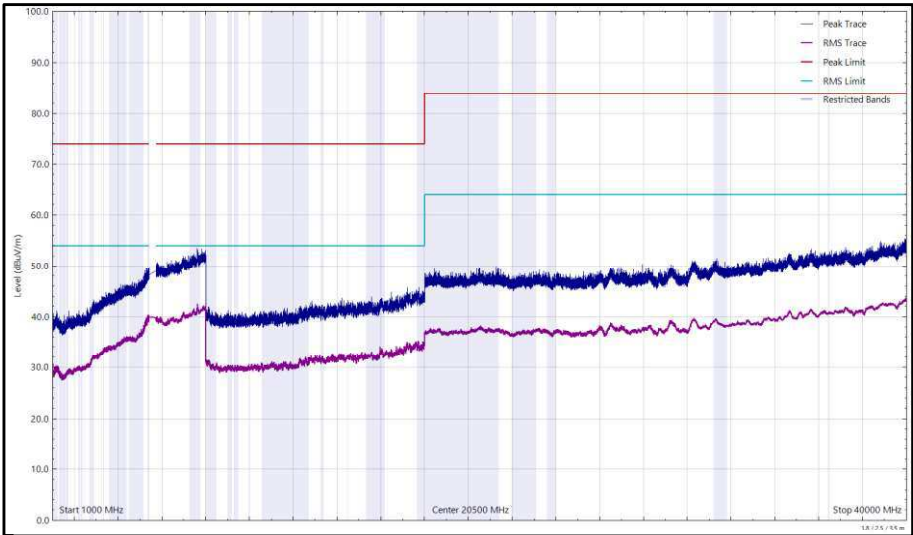


Figure 535 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

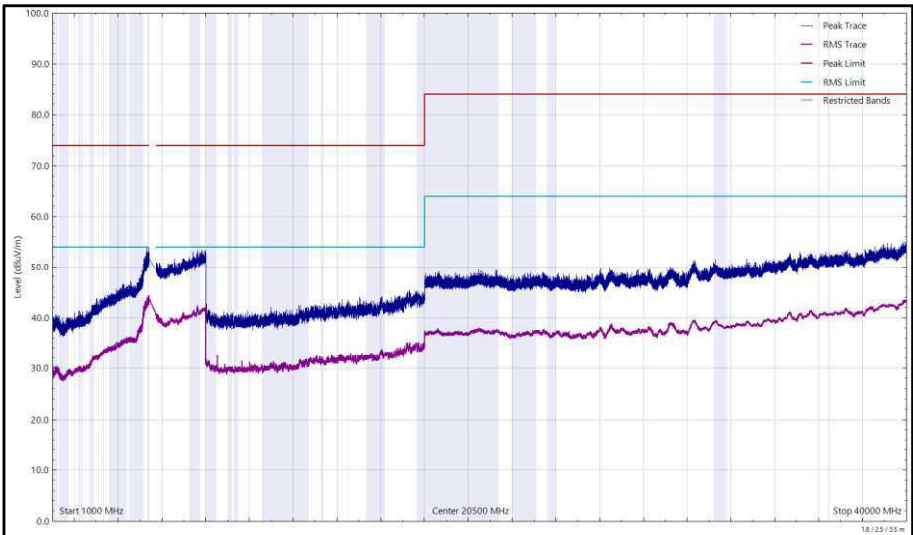


Figure 536 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical



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

Table 835 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

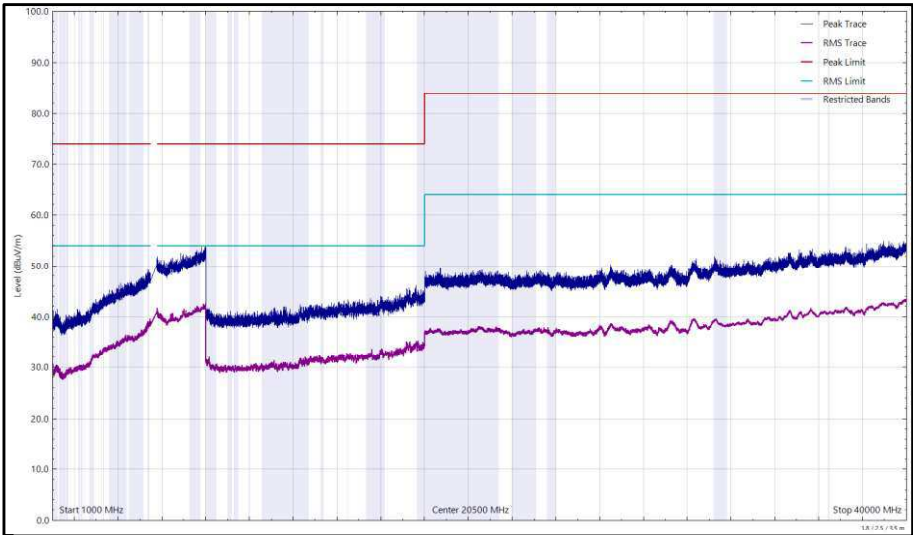


Figure 537 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

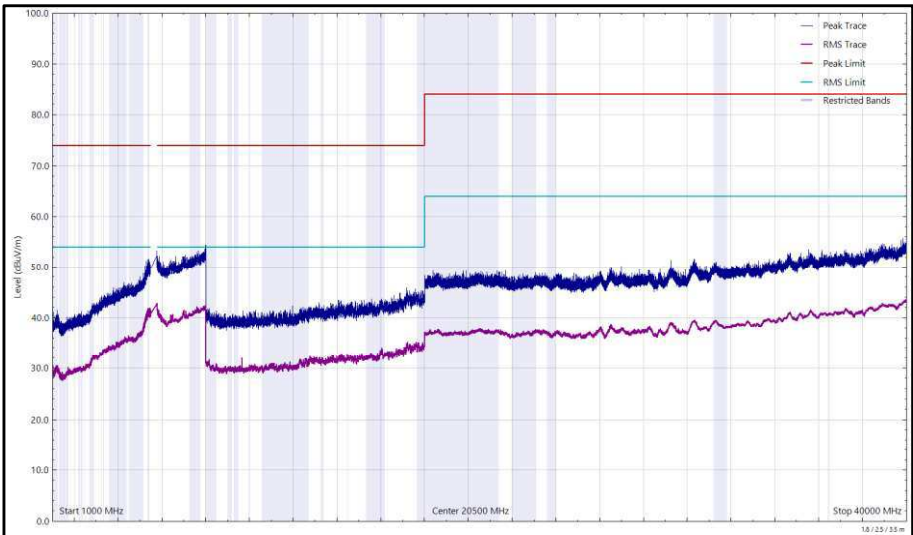


Figure 538 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical



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

Table 836 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

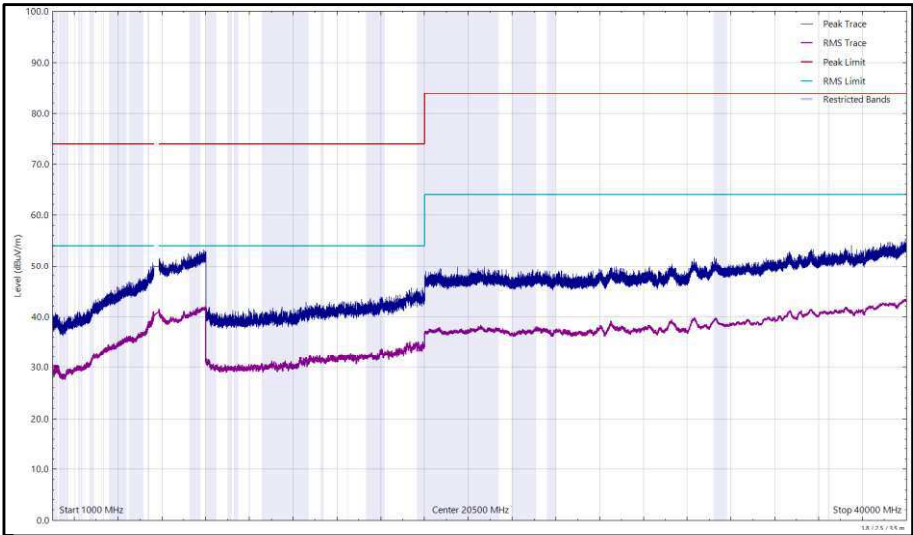


Figure 539 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

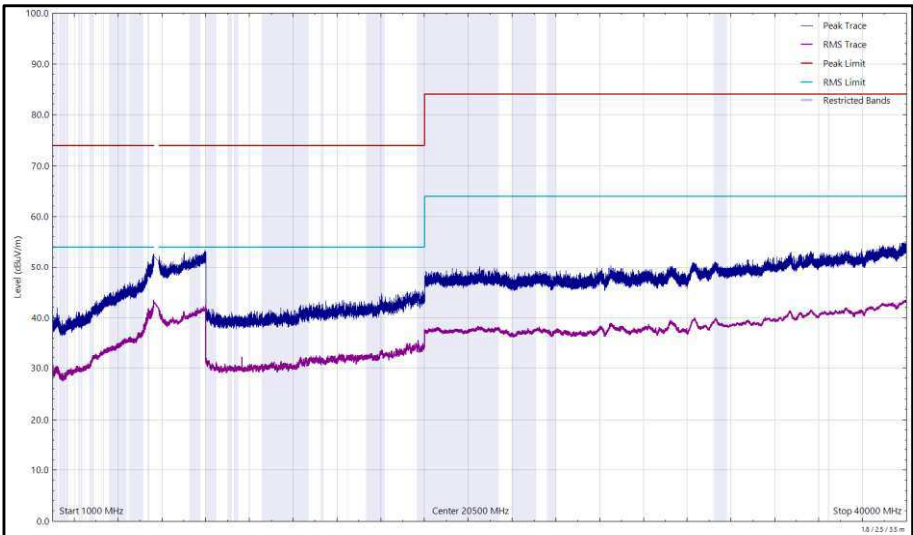


Figure 540 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical



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

Table 837 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 30 MHz to 1 GHz

*No emissions found within 10 dB of the limit.

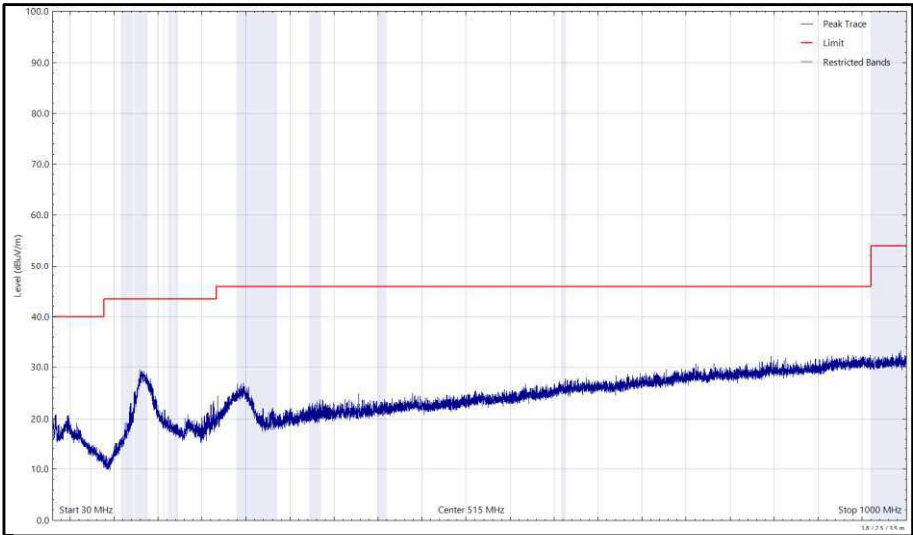


Figure 541 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

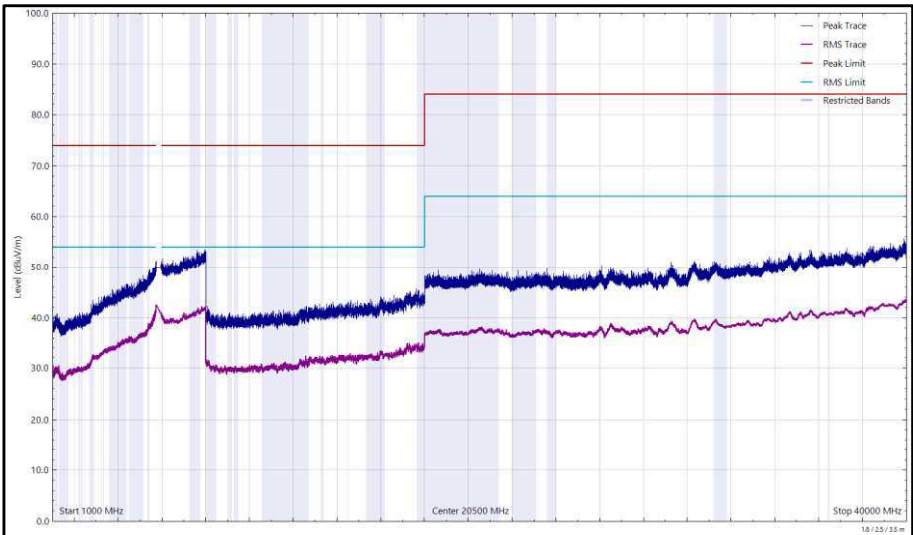


Figure 542 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

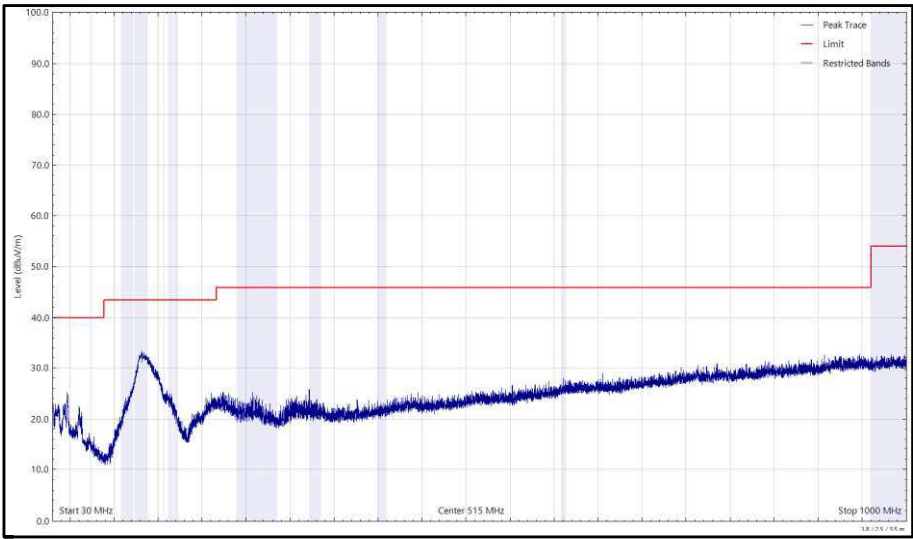


Figure 543 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

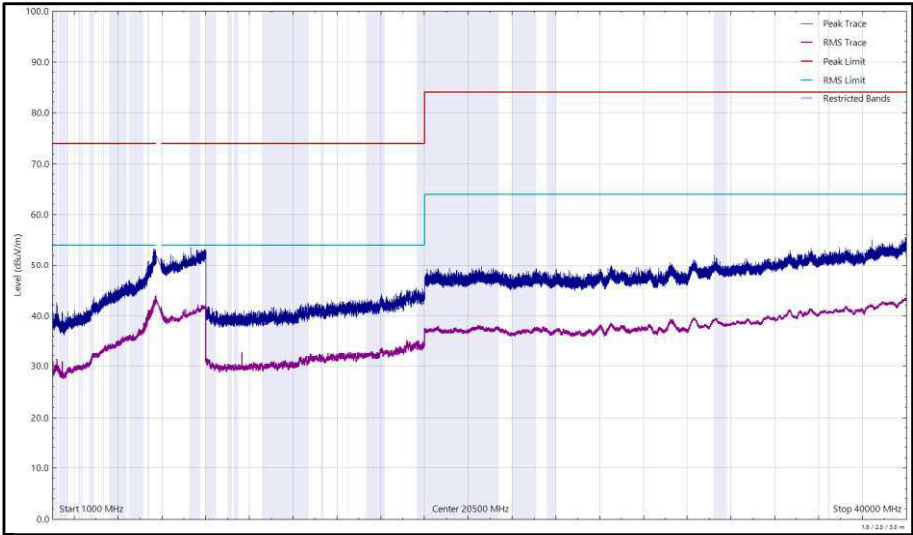


Figure 544 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
134.136	24.76	43.50	-18.74	Q-Peak	151	110	Horizontal
134.202	30.08	43.50	-13.42	Q-Peak	152	100	Vertical
246.793	23.06	46.00	-22.94	Q-Peak	179	104	Horizontal

Table 838 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

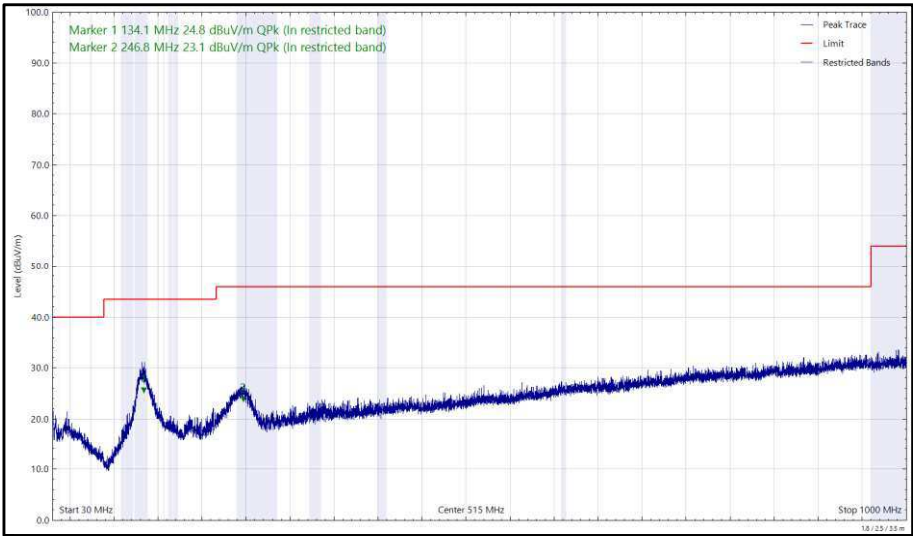


Figure 545 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

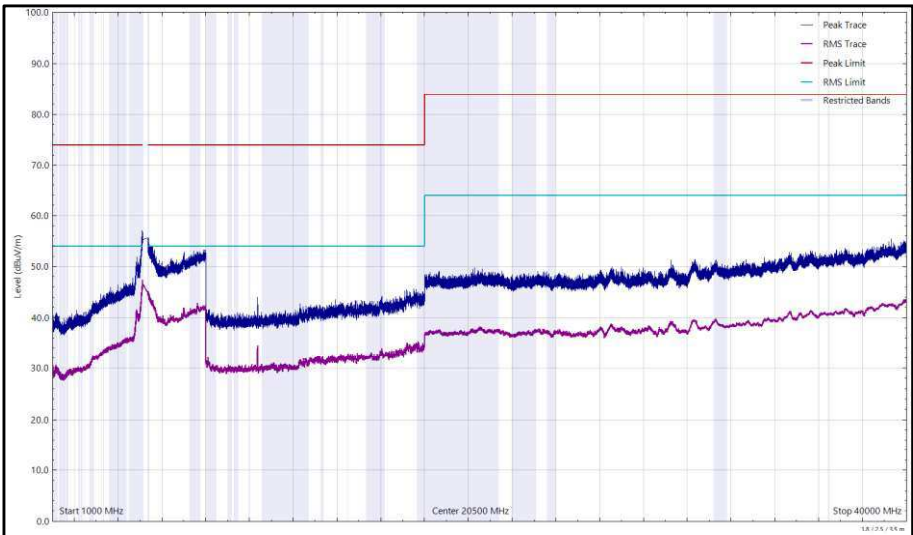


Figure 546 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

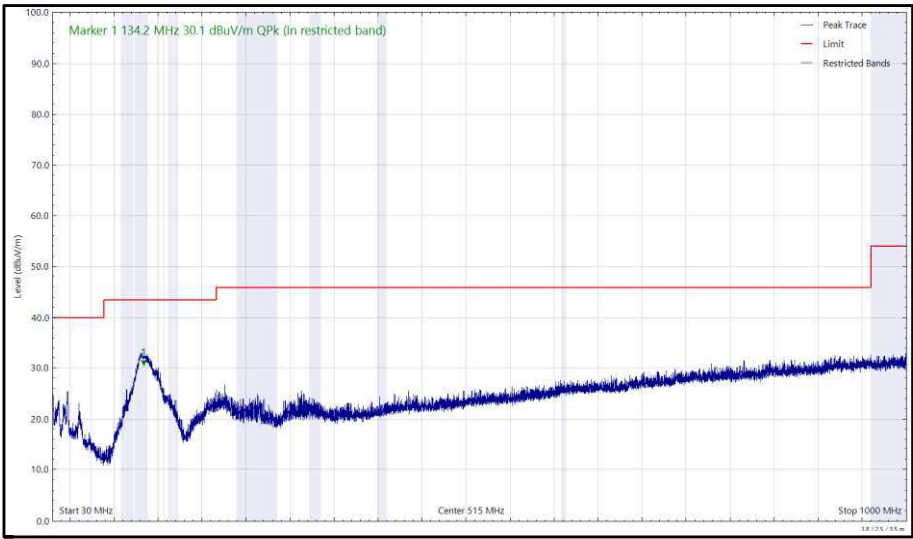


Figure 547 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

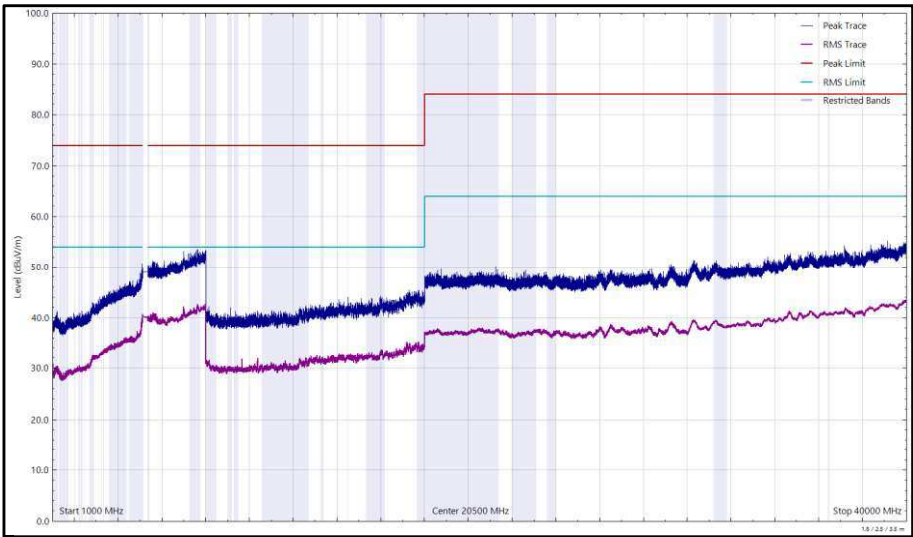


Figure 548 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical



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

Table 839 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

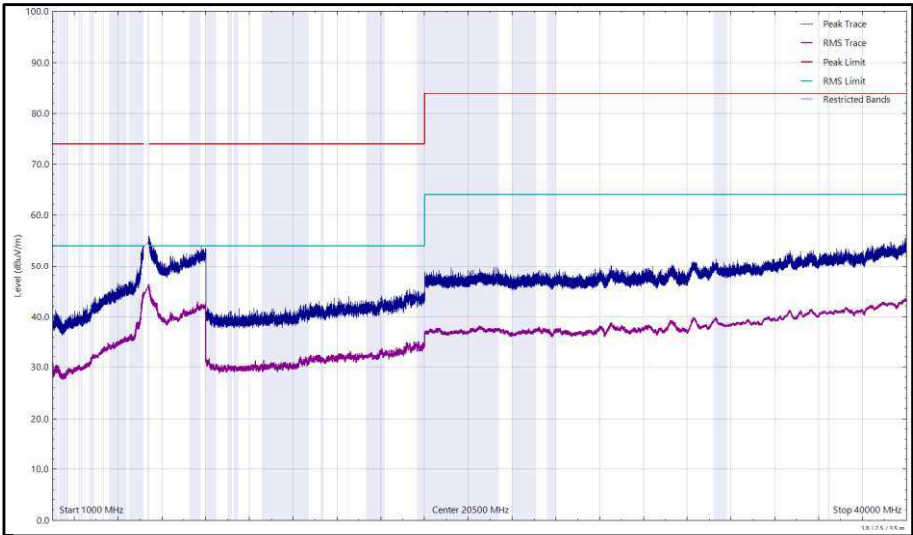


Figure 549 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

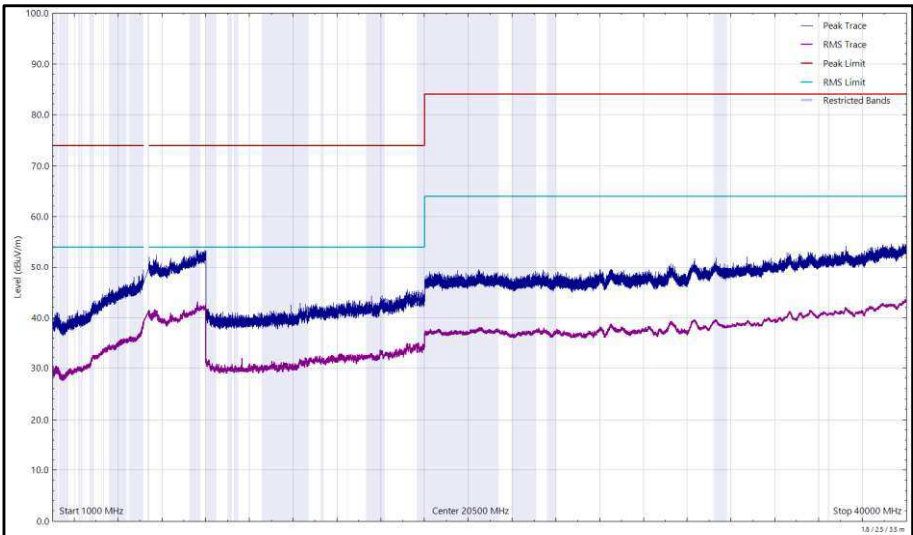


Figure 550 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical



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

Table 840 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

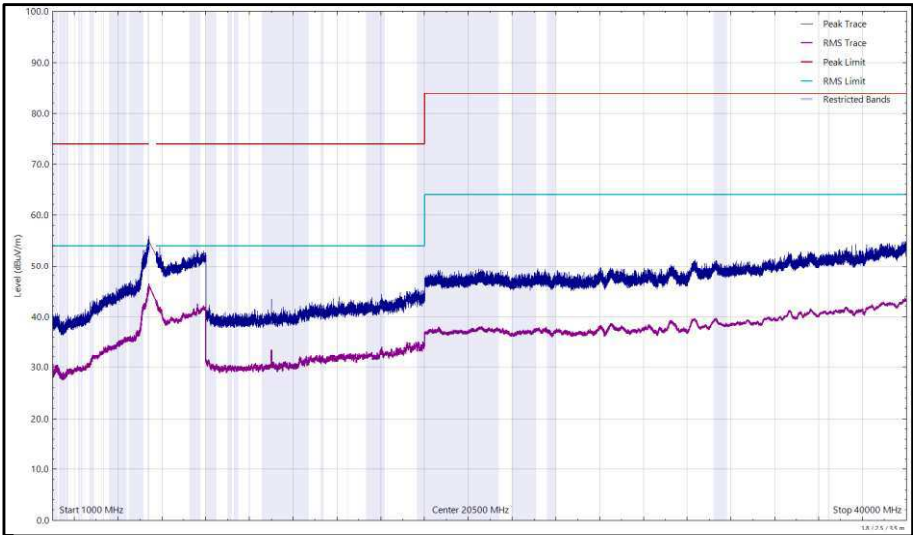


Figure 551 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

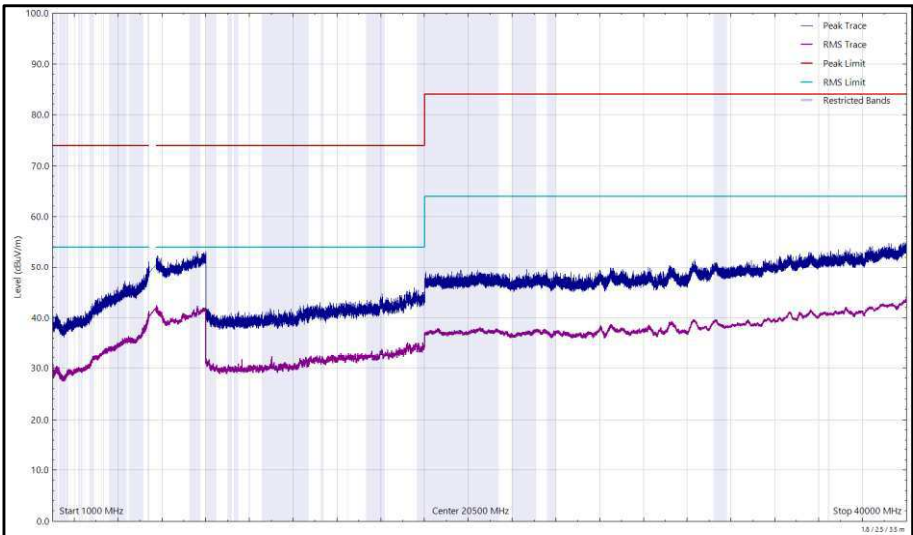


Figure 552 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical



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

Table 841 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

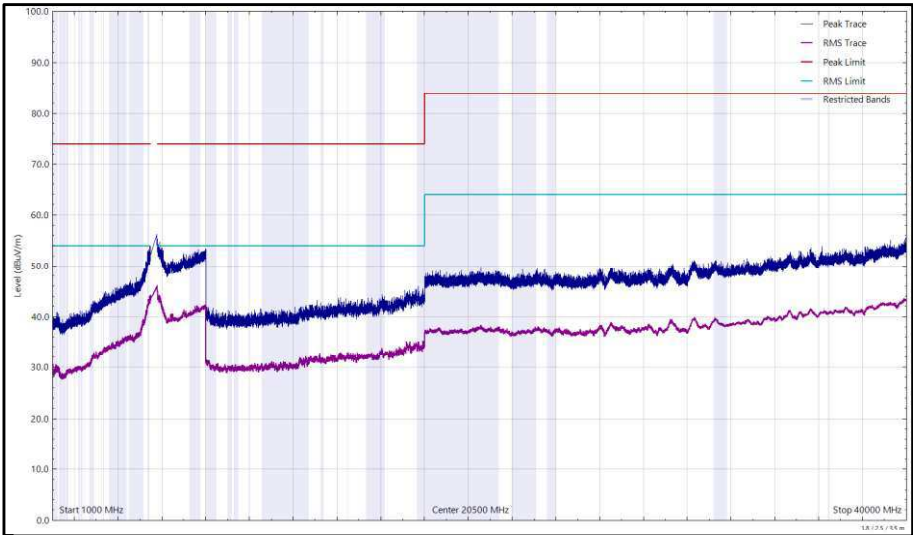


Figure 553 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

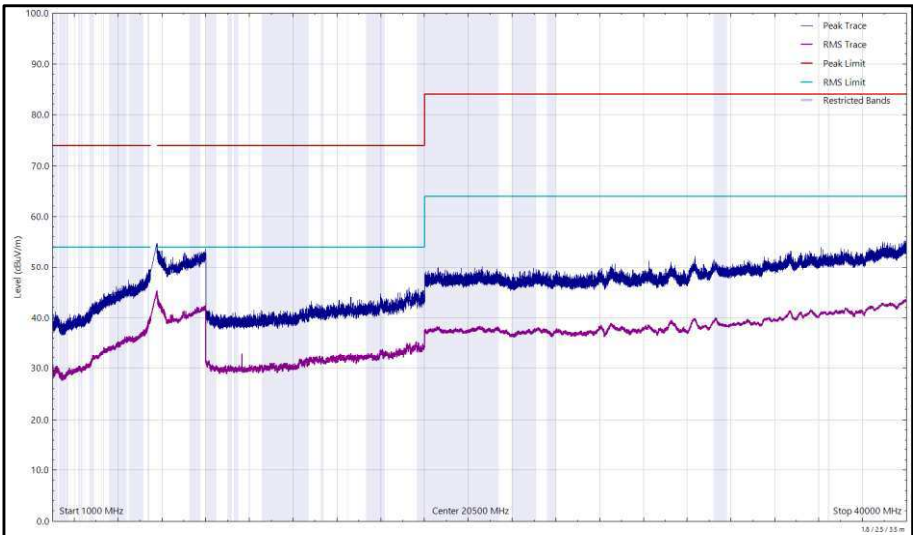


Figure 554 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical



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

Table 842 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

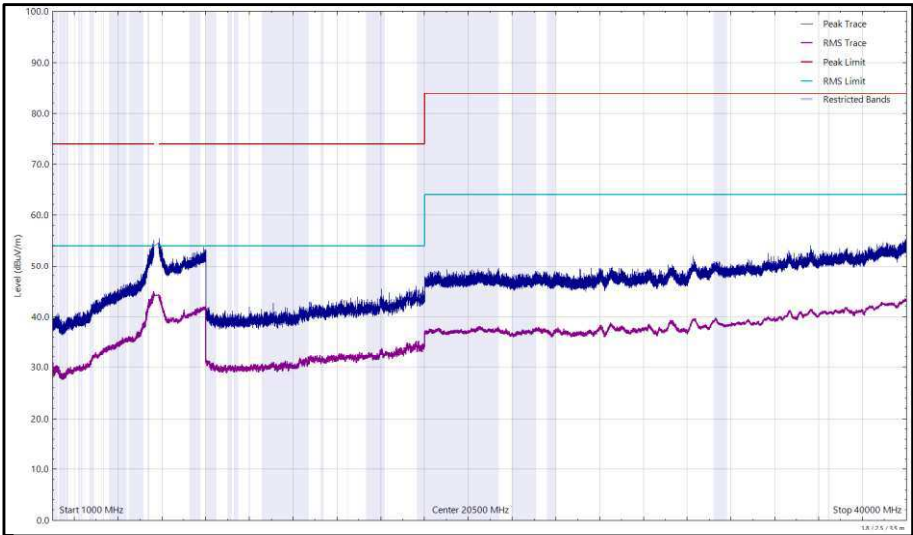


Figure 555 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

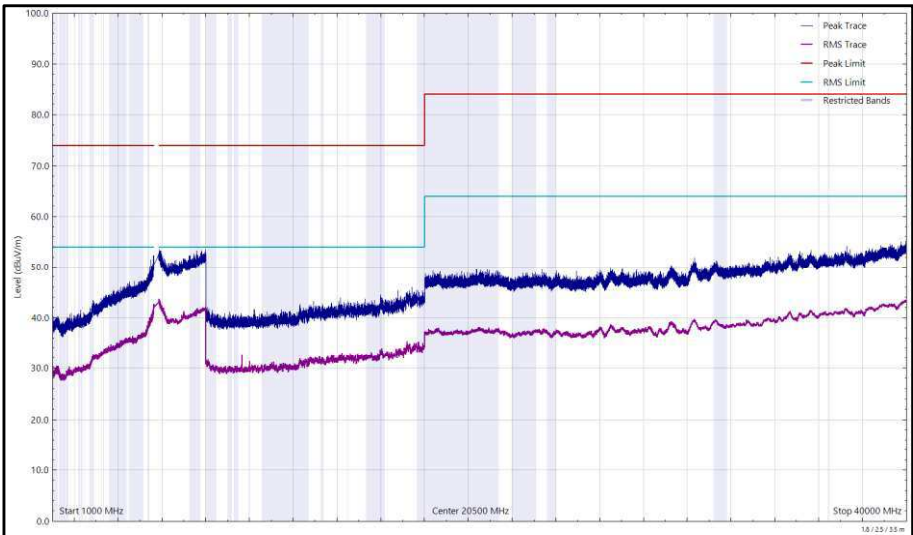


Figure 556 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical



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

Table 843 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

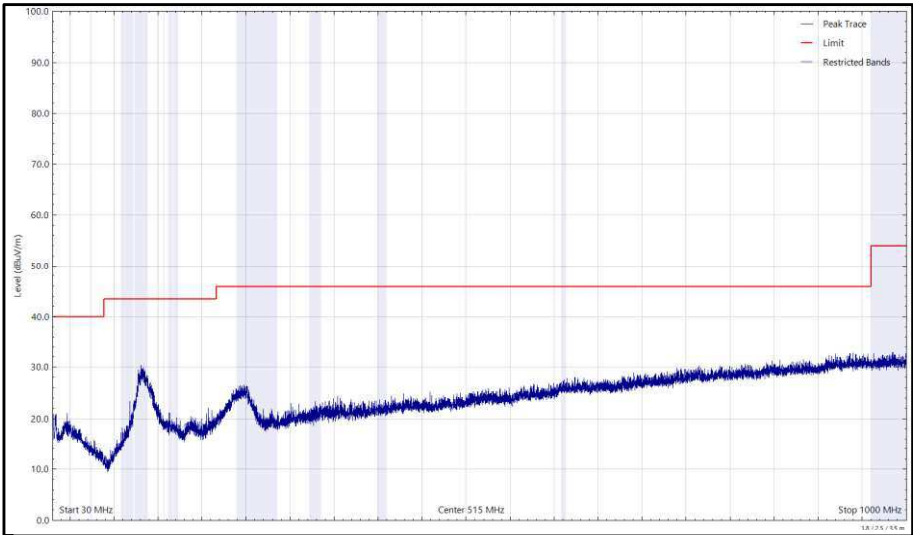


Figure 557 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

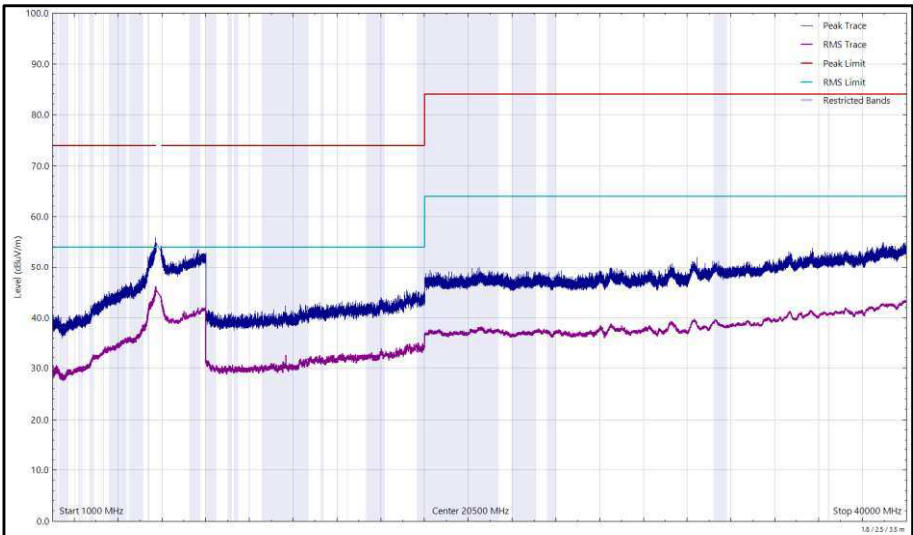


Figure 558 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

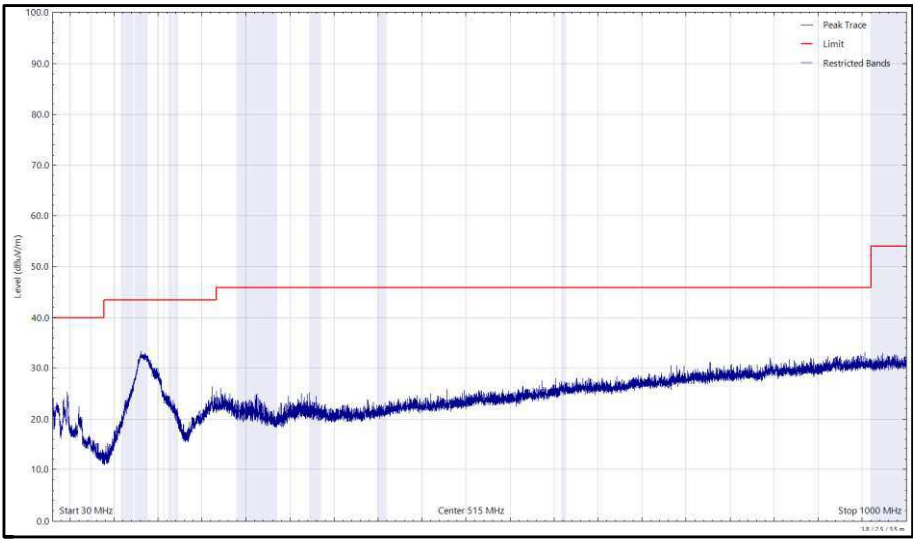


Figure 559 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

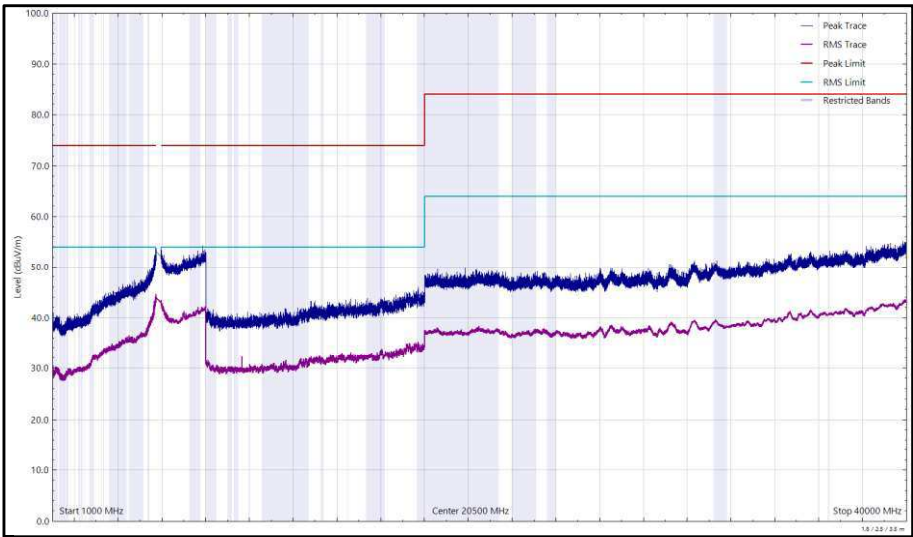


Figure 560 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
10342.850	49.67	68.20	-18.53	Peak	338	176	Horizontal
15515.085	35.05	54.00	-18.95	RMS	33	196	Vertical

Table 844 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

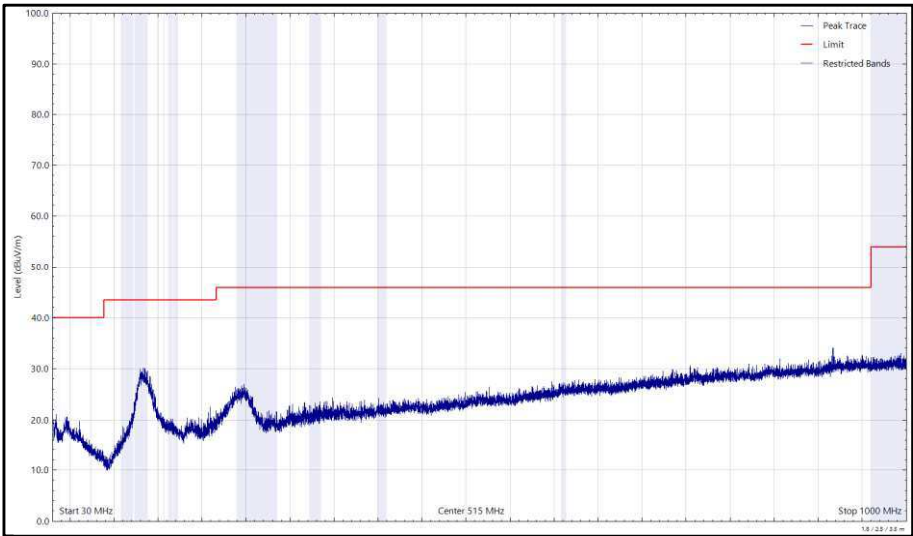


Figure 561 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

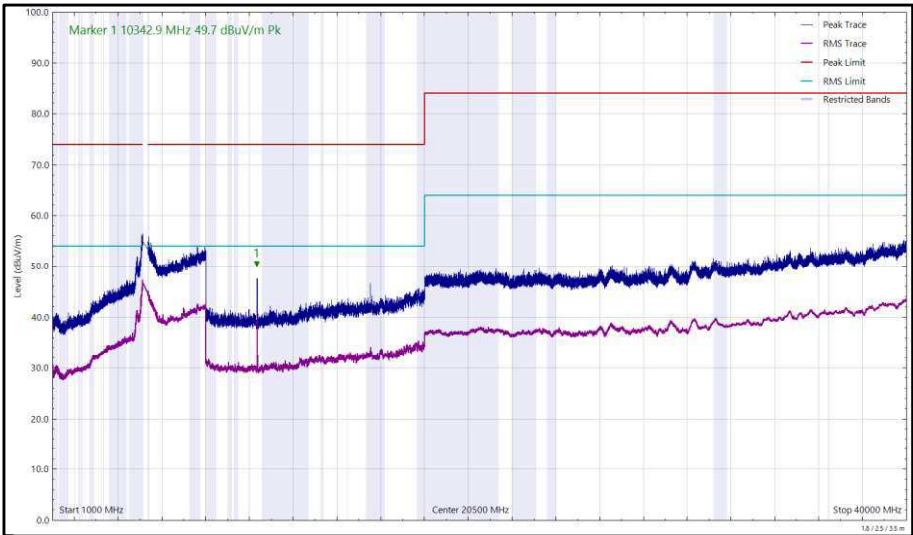


Figure 562 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

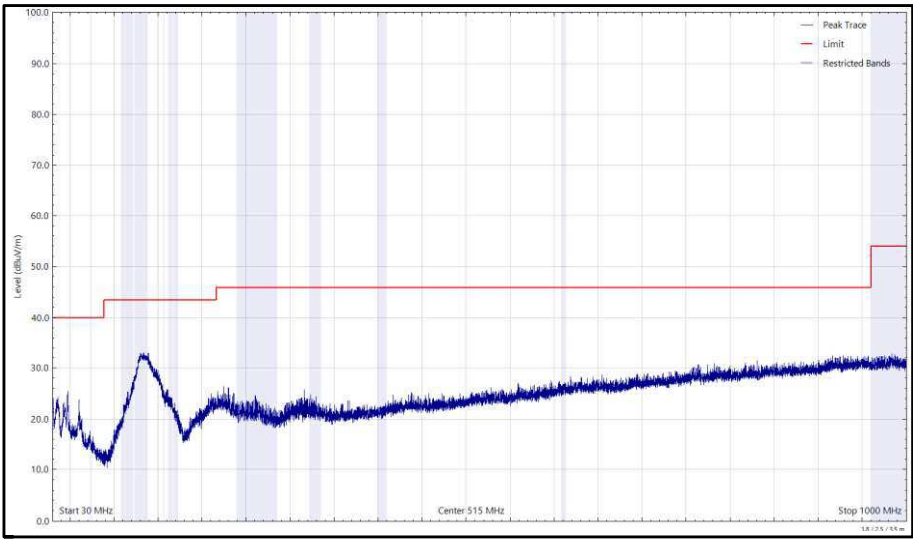


Figure 563 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

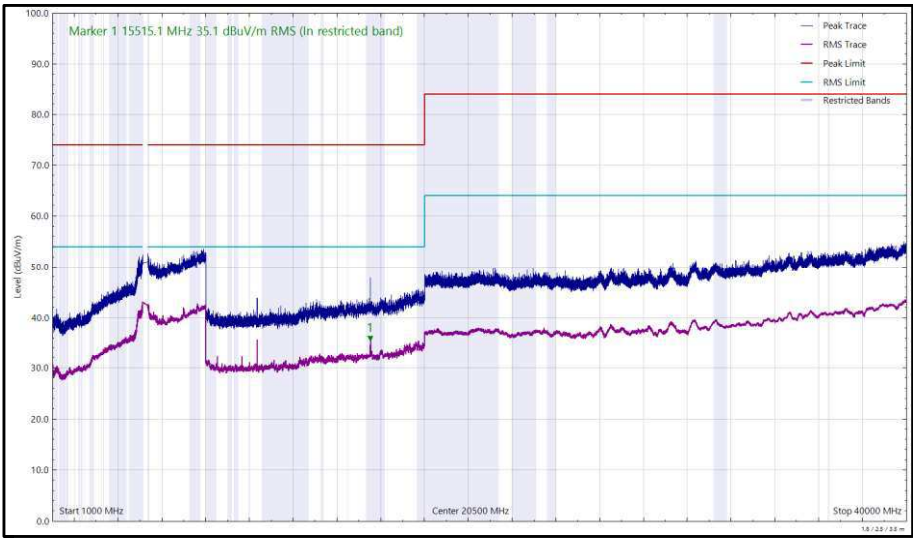


Figure 564 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



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

Table 845 - U-NII-2A - 5320 MHz (CH64), HE20, RU52-37, CDD, Core 0 + Core 1, 30 MHz to 1 GHz

*No emissions found within 10 dB of the limit.

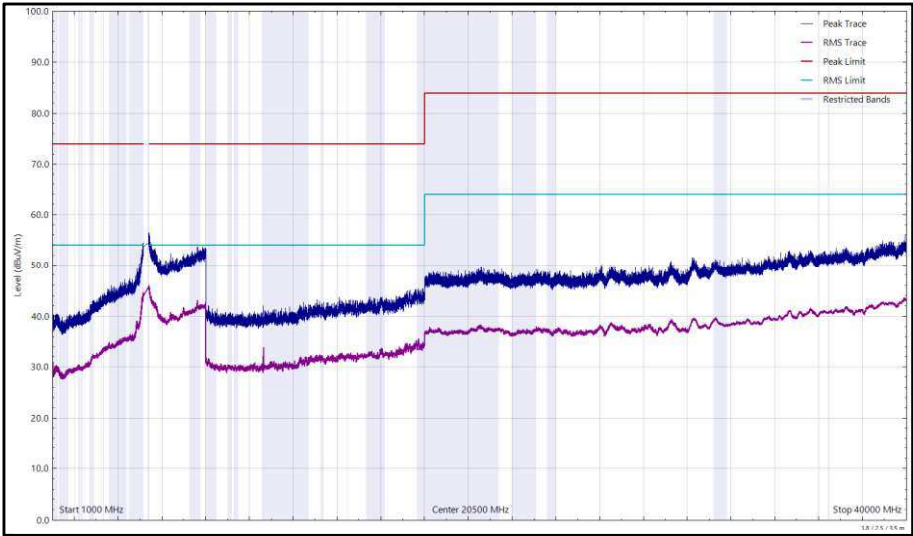


Figure 565 - U-NII-2A - 5320 MHz (CH64), HE20, RU52-37, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

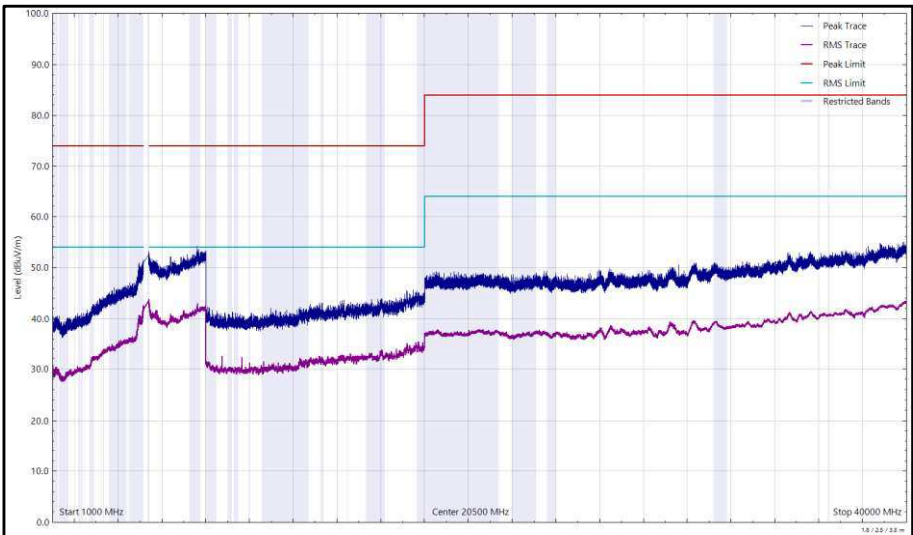


Figure 566 - U-NII-2A - 5320 MHz (CH64), HE20, RU52-37, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
10985.130	36.16	54.00	-17.84	RMS	339	221	Horizontal

Table 846 - U-NII-2C - 5500 MHz (CH100), HE20, RU52-37, CDD, Core 0 + Core 1,
1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

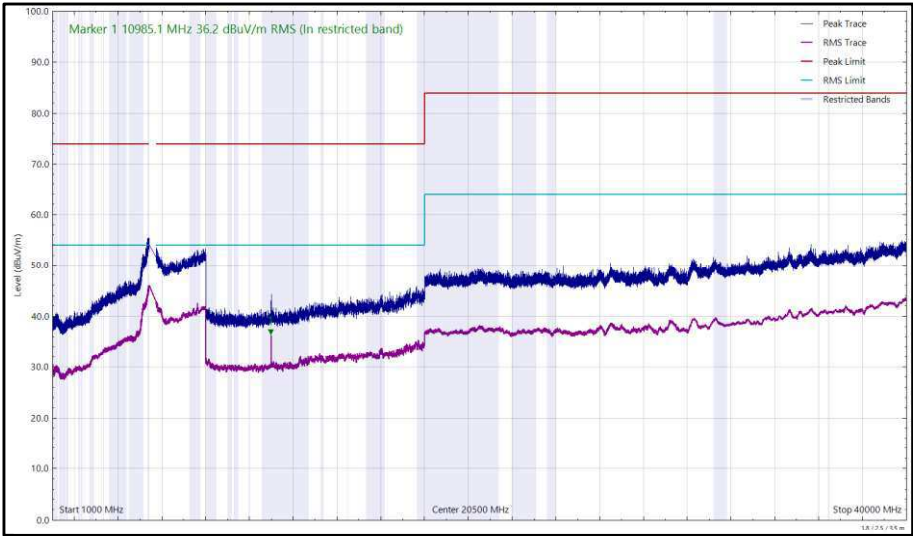


Figure 567 - U-NII-2C - 5500 MHz (CH100), HE20, RU52-37, CDD, Core 0 + Core 1,
1 GHz to 40 GHz, Horizontal

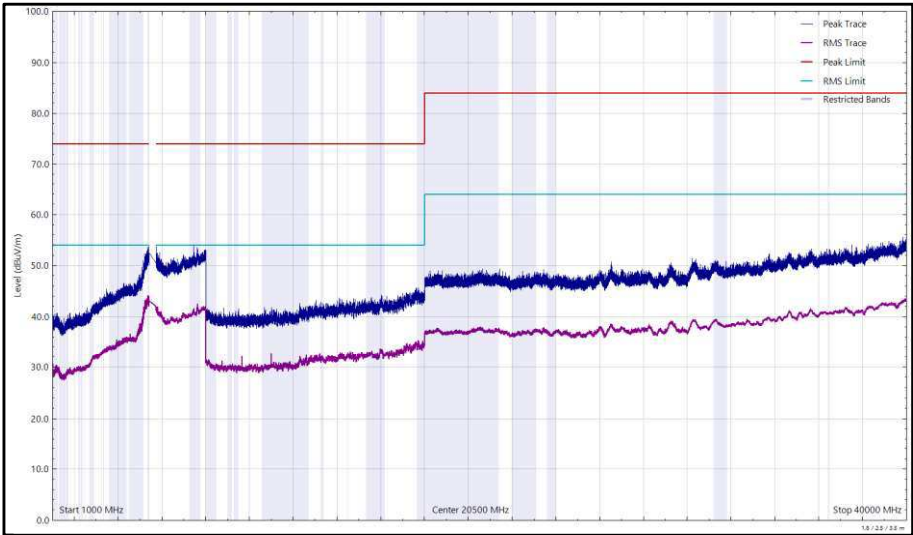


Figure 568 - U-NII-2C - 5500 MHz (CH100), HE20, RU52-37, CDD, Core 0 + Core 1,
1 GHz to 40 GHz, Vertical



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

Table 847 - U-NII-2C - 5700 MHz (CH140), HE20, RU52-37, CDD, Core 0 + Core 1, 30 MHz to 1 GHz

*No emissions found within 10 dB of the limit.

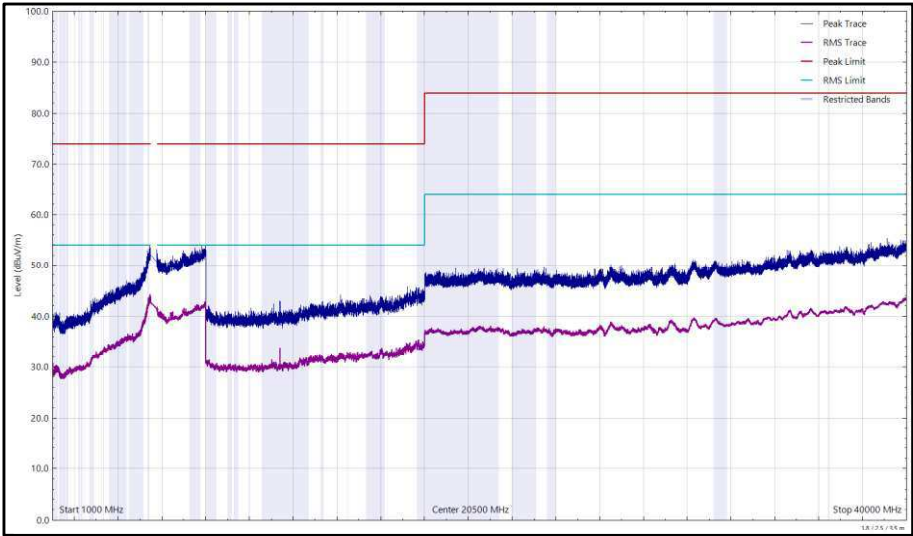


Figure 569 - U-NII-2C - 5700 MHz (CH140), HE20, RU52-37, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

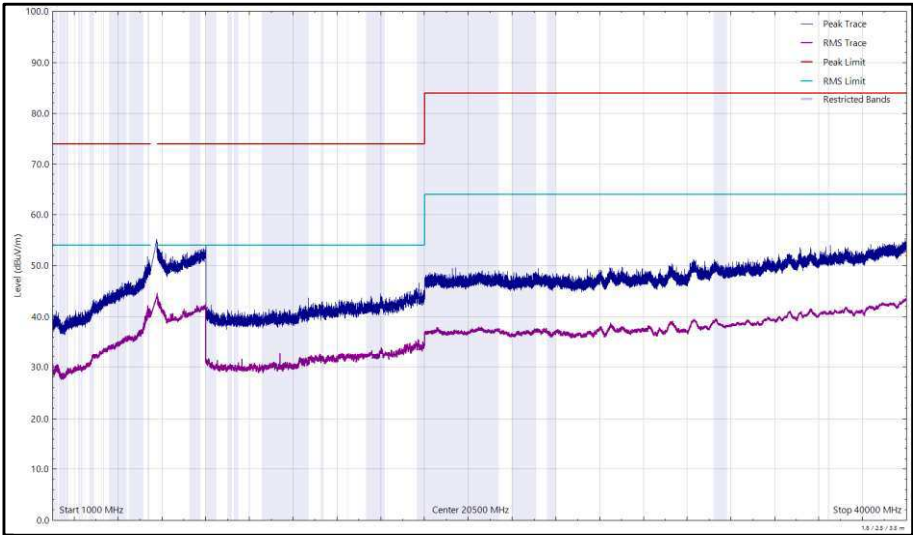


Figure 570 - U-NII-2C - 5700 MHz (CH140), HE20, RU52-37, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



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

Table 848 - U-NII-3 - 5745 MHz (CH149), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

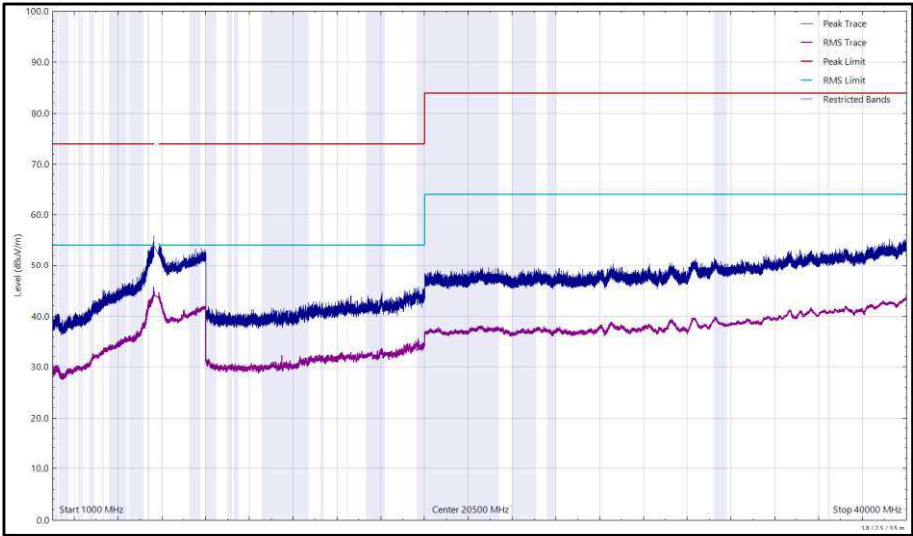


Figure 571 - U-NII-3 - 5745 MHz (CH149), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

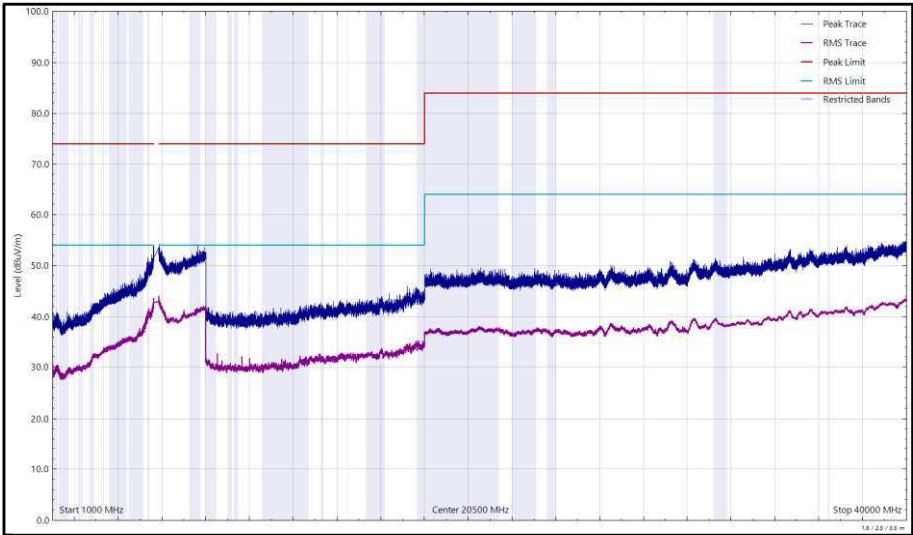


Figure 572 - U-NII-3 - 5745 MHz (CH149), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
11632.615	38.28	54.00	-15.72	RMS	75	181	Horizontal
11632.673	36.24	54.00	-17.76	RMS	24	173	Vertical

Table 849 - U-NII-3 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

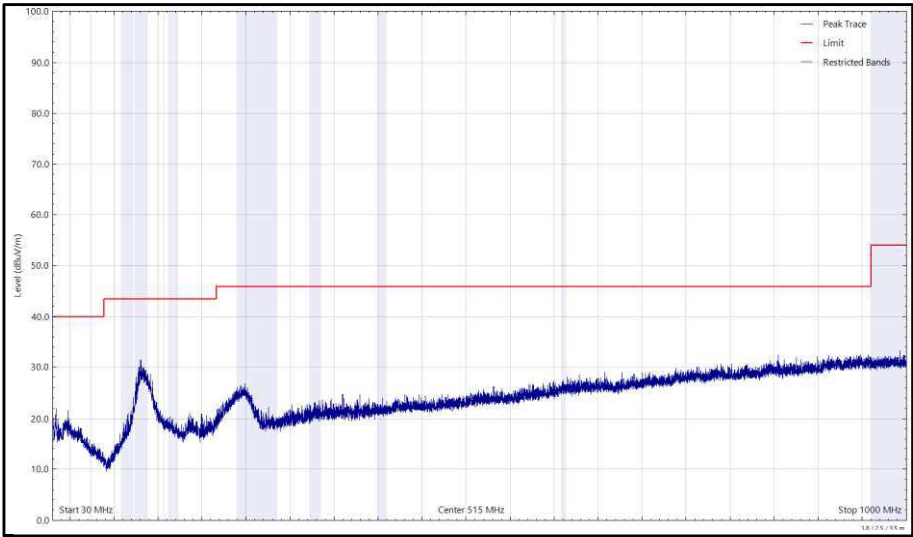


Figure 573 - U-NII-3 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

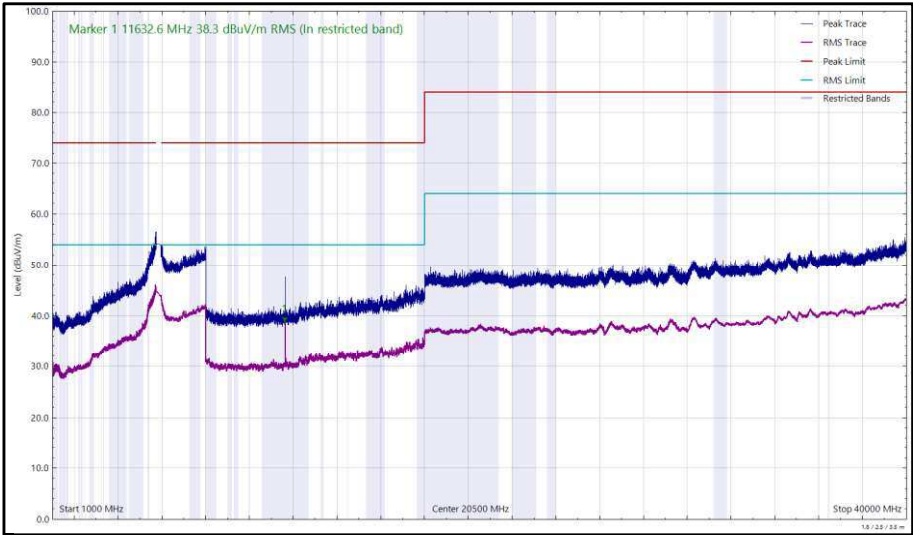


Figure 574 - U-NII-3 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

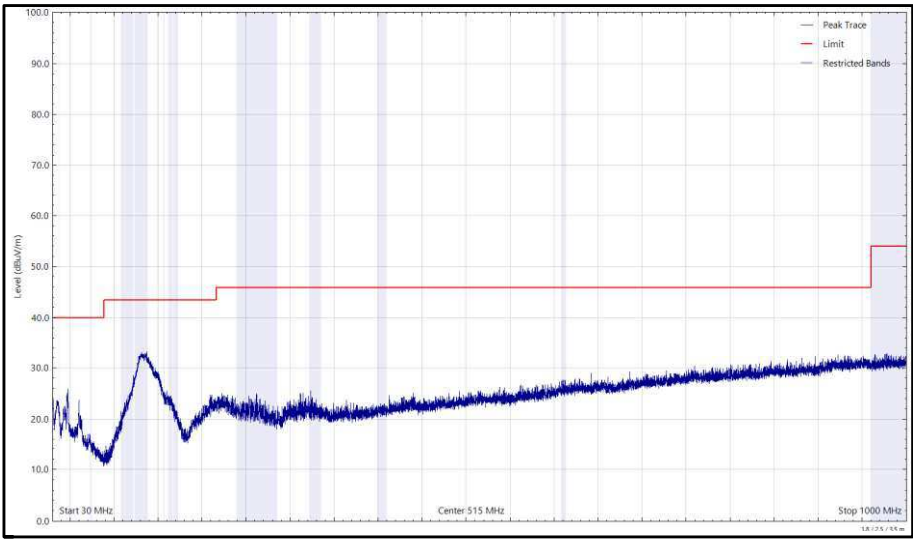


Figure 575 - U-NII-3 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

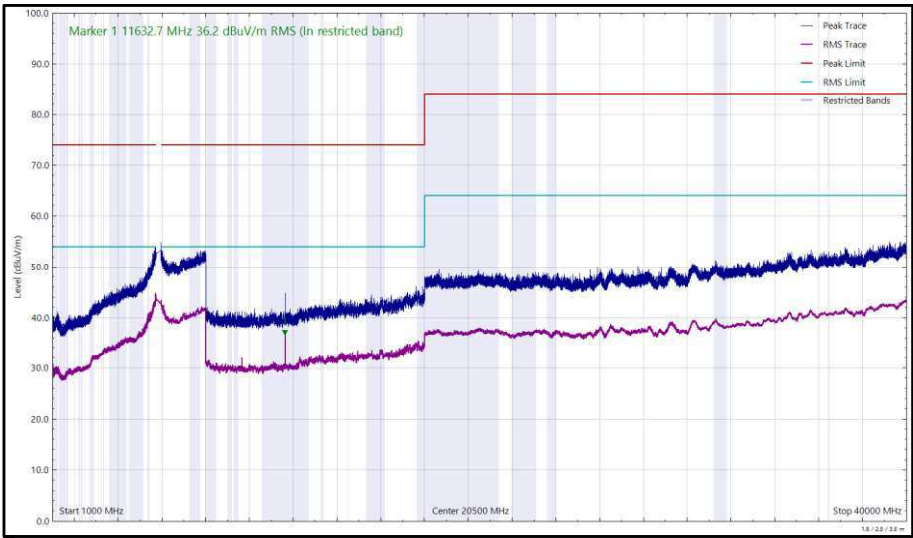


Figure 576 - U-NII-3 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



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

Table 850 - U-NII-1 - 5180 MHz (CH36), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

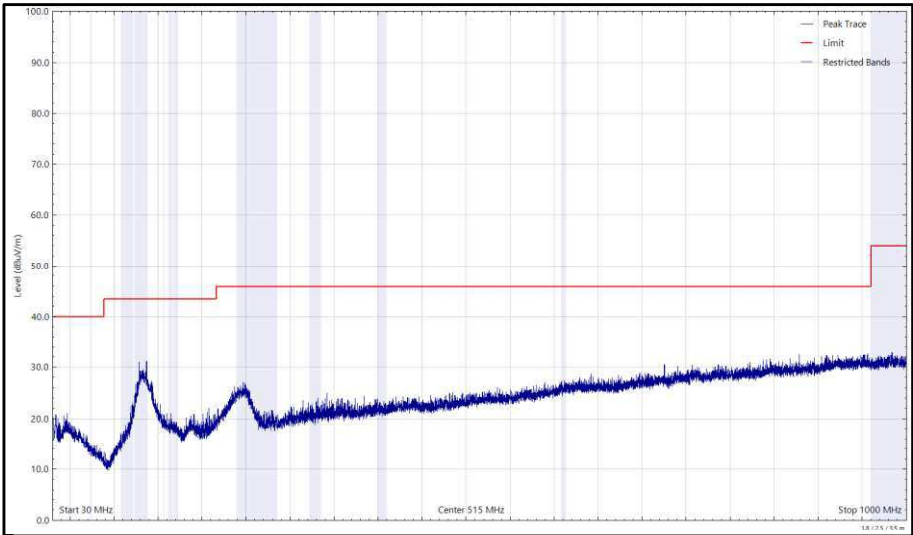


Figure 577 - U-NII-1 - 5180 MHz (CH36), VHT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

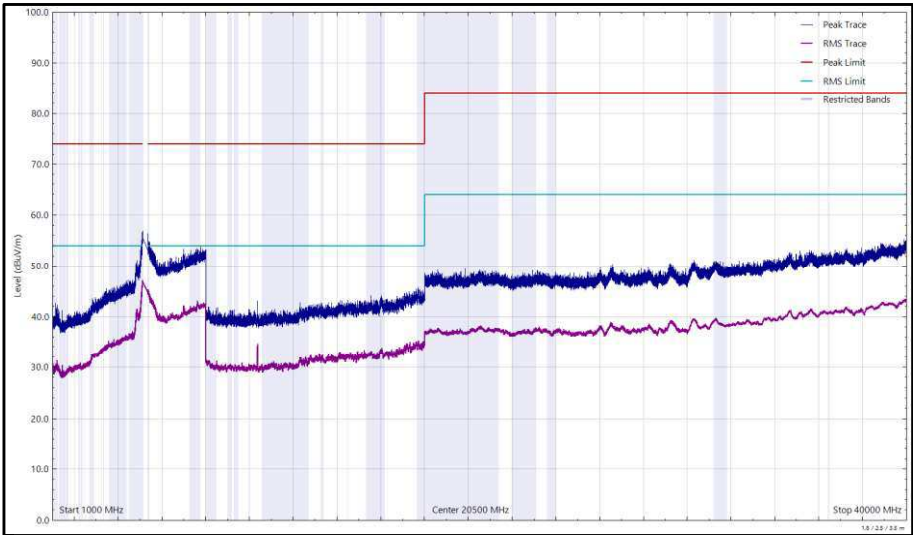


Figure 578 - U-NII-1 - 5180 MHz (CH36), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

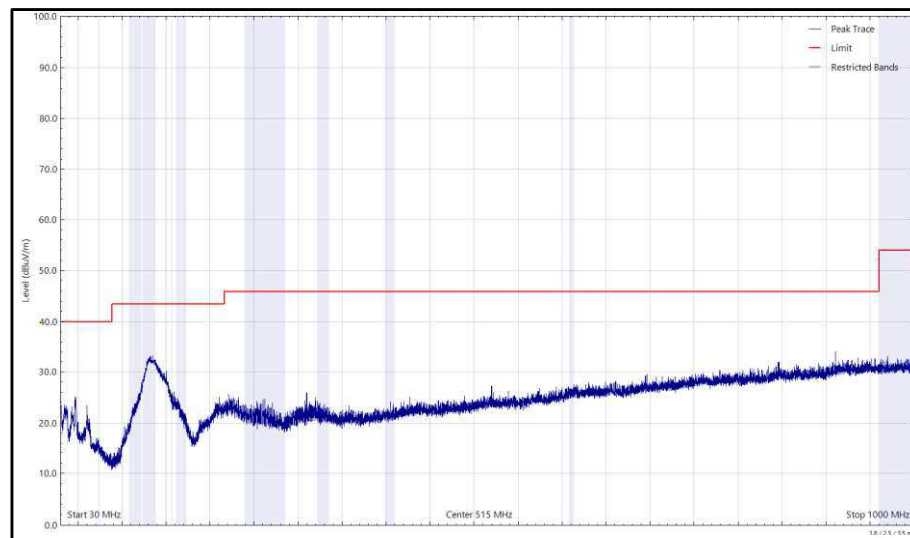


Figure 579 - U-NII-1 - 5180 MHz (CH36), VHT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

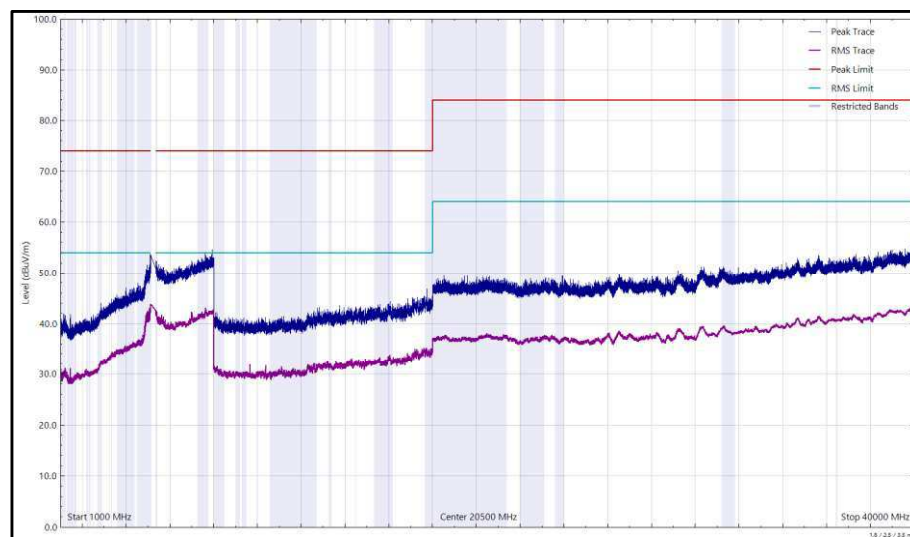


Figure 580 - U-NII-1 - 5180 MHz (CH36), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



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

Table 851 - U-NII-2A - 5320 MHz (CH64), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

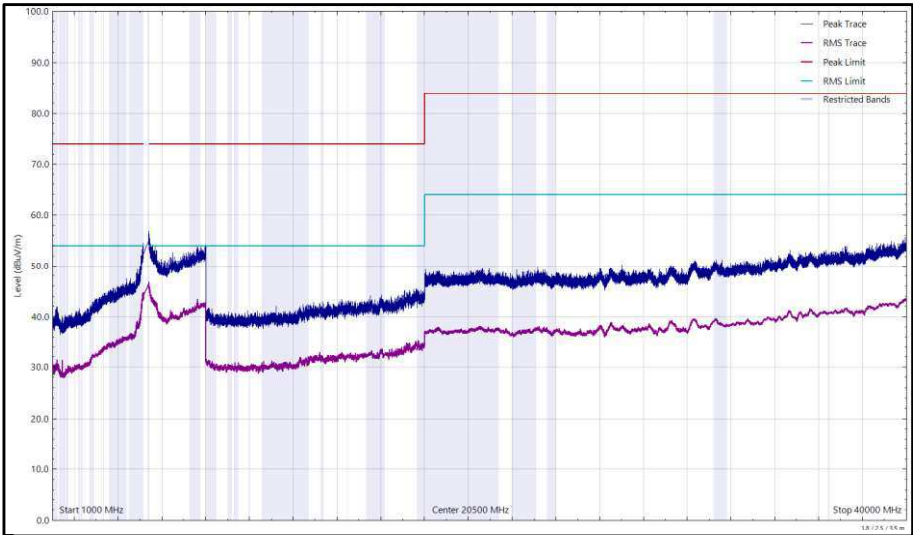


Figure 581 - U-NII-2A - 5320 MHz (CH64), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

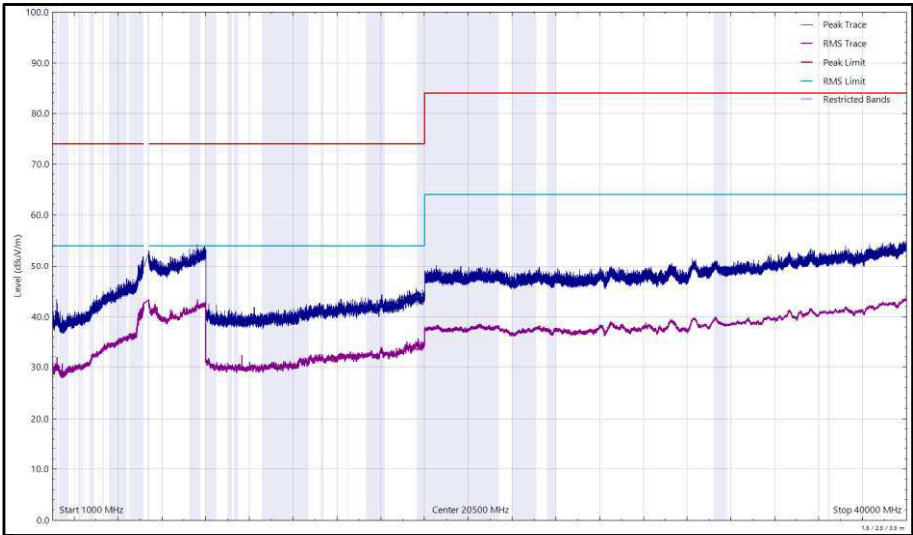


Figure 582 - U-NII-2A - 5320 MHz (CH64), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
16497.594	52.98	68.20	-15.22	Peak	303	172	Horizontal

Table 852 - U-NII-2C - 5500 MHz (CH100), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

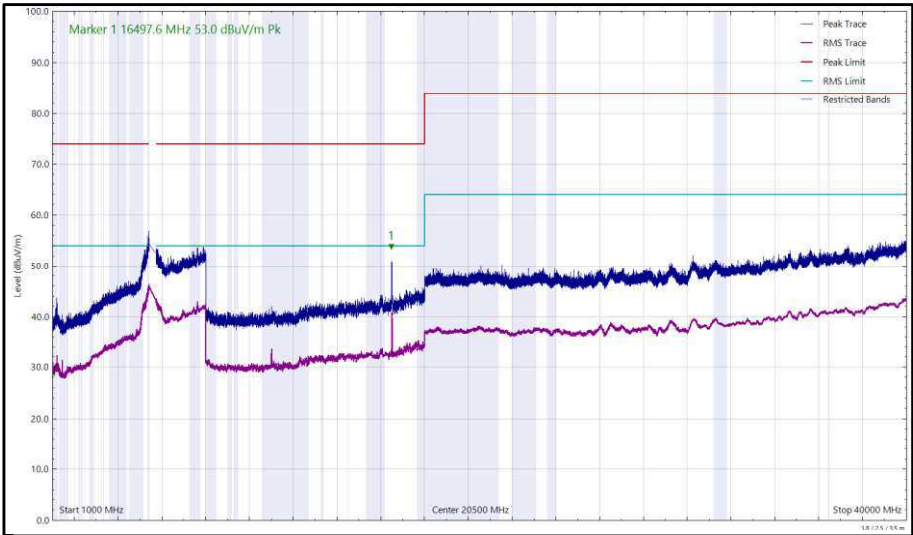


Figure 583 - U-NII-2C - 5500 MHz (CH100), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

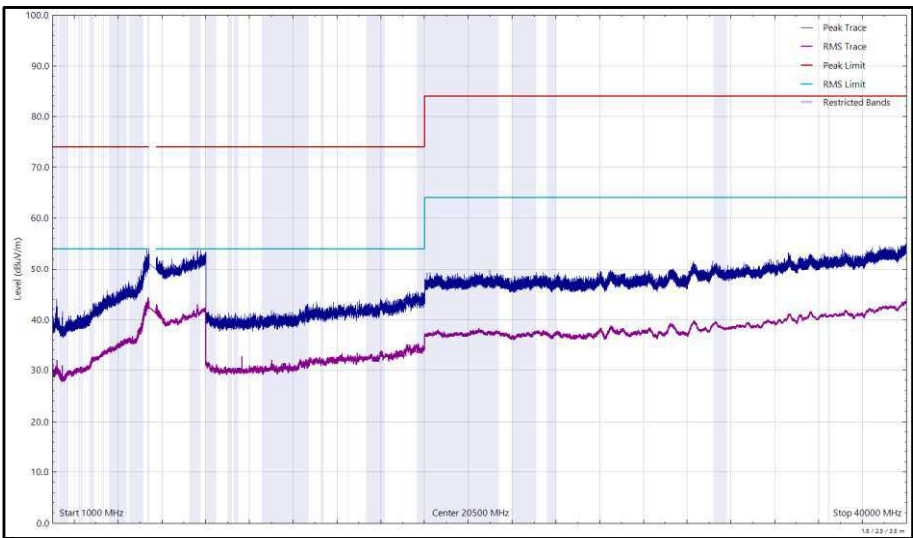


Figure 584 - U-NII-2C - 5500 MHz (CH100), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



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

Table 853 - U-NII-2C - 5700 MHz (CH140), VHT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz

*No emissions found within 10 dB of the limit.

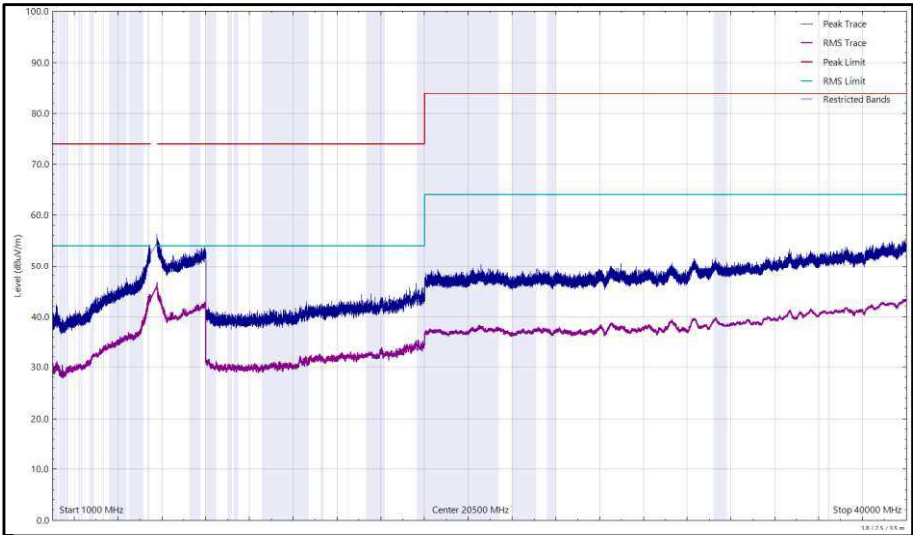


Figure 585 - U-NII-2C - 5700 MHz (CH140), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

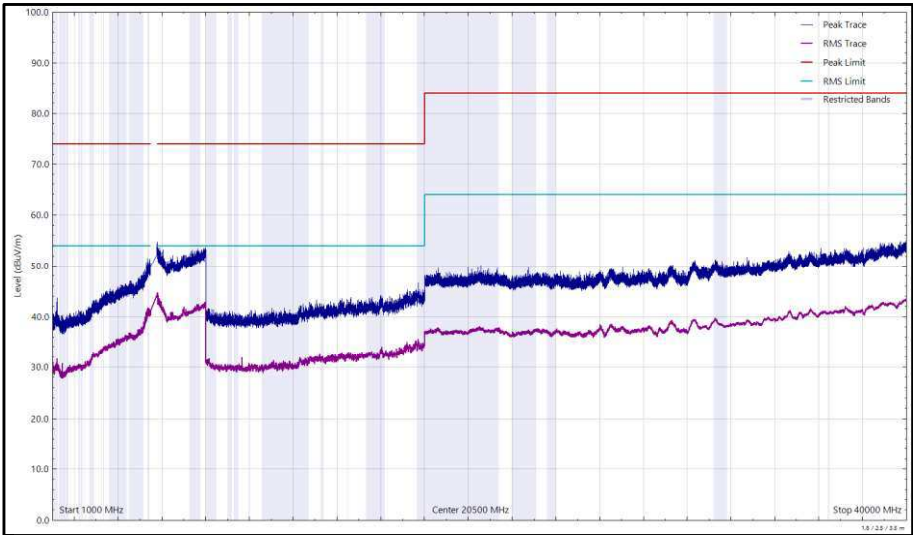


Figure 586 - U-NII-2C - 5700 MHz (CH140), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



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

Table 854 - U-NII-3 - 5745 MHz (CH149), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

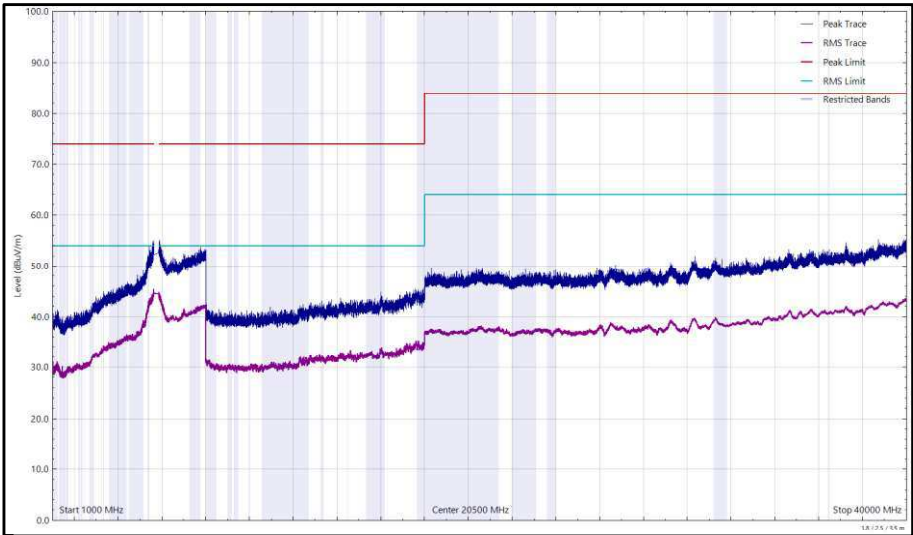


Figure 587 - U-NII-3 - 5745 MHz (CH149), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

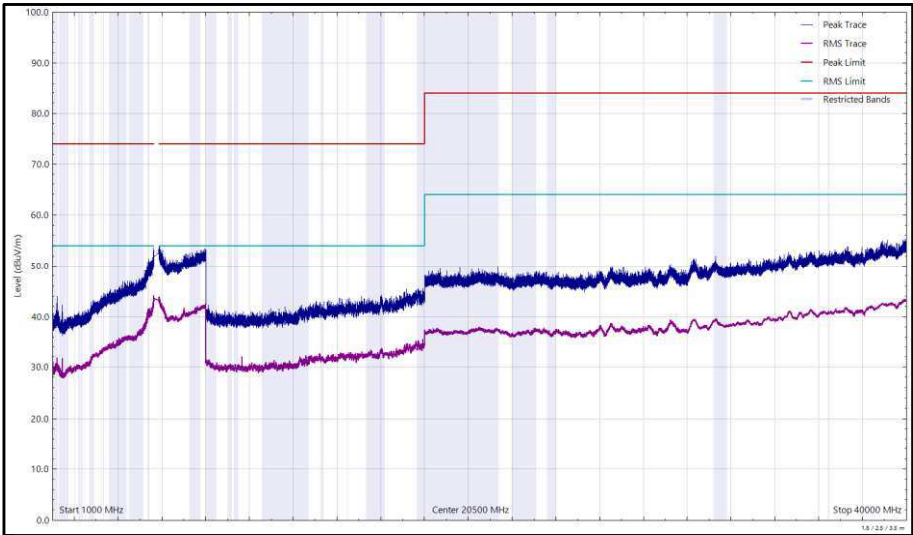


Figure 588 - U-NII-3 - 5745 MHz (CH149), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical