



Figure 429 - 802.11ax, HE80, SU, SDM, Core 0-1 - 5530 MHz,  
Band Edge Frequency 5470 MHz

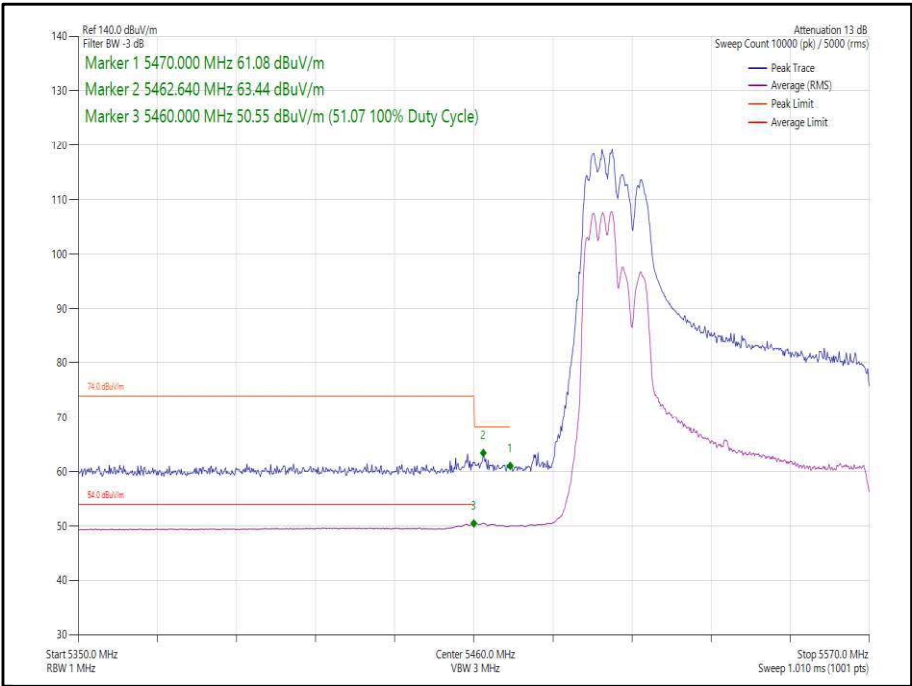


Figure 430 - 802.11ax, HE80, RU 106-53, SDM, Core 0-1 - 5530 MHz,  
Band Edge Frequency 5470 MHz

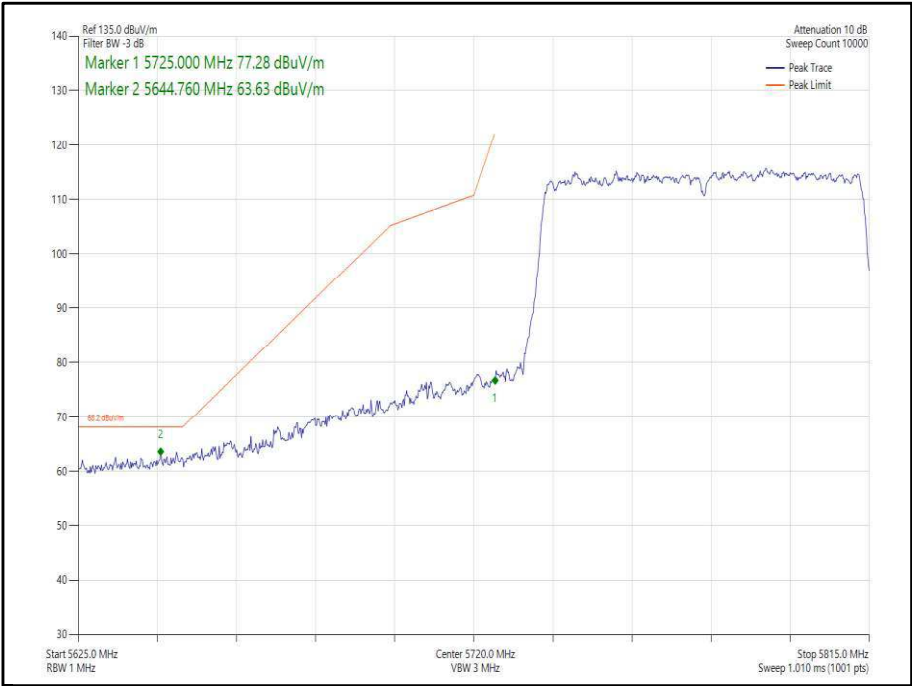


Figure 431 - 802.11ac, VHT80, SDM, Core 0-1 - 5775 MHz,  
Band Edge Frequency 5725 MHz

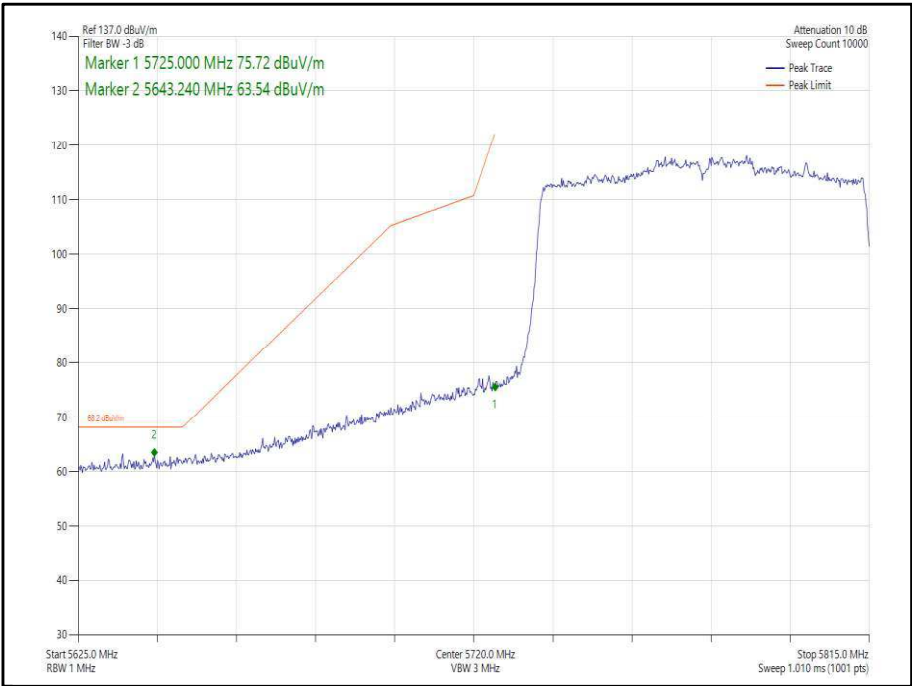


Figure 432 - 802.11ax, HE80, SU, SDM, Core 0-1 - 5775 MHz,  
Band Edge Frequency 5725 MHz

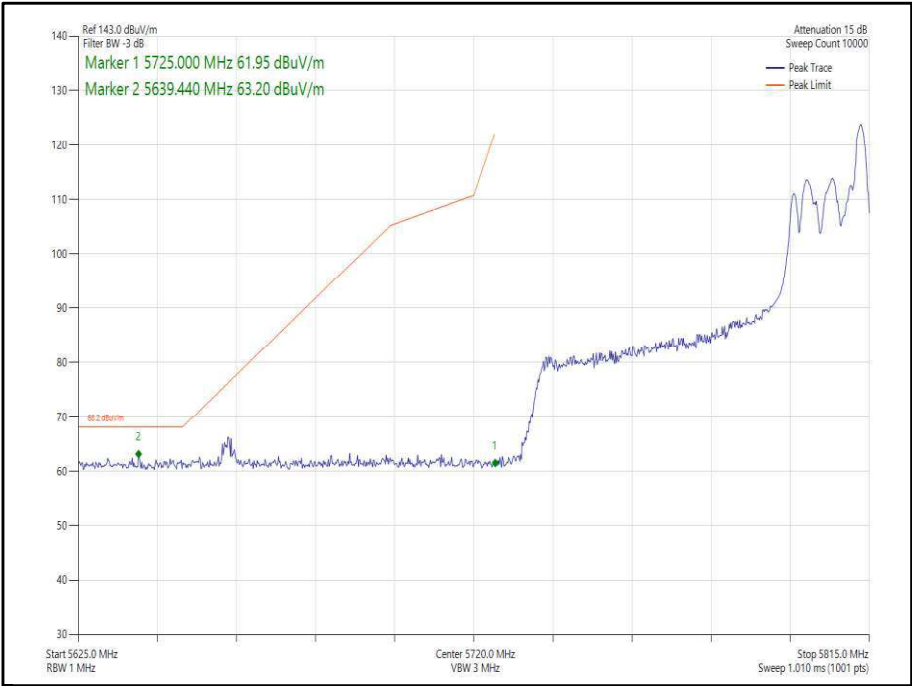


Figure 433 - 802.11ax, HE80, RU 26-36, SDM, Core 0-1 - 5775 MHz,  
Band Edge Frequency 5725 MHz

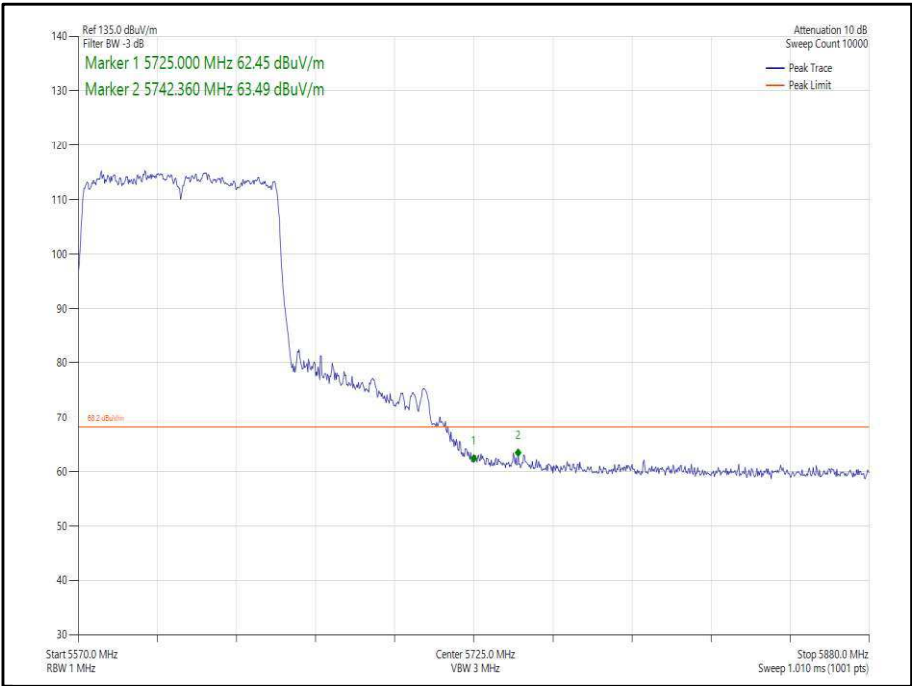


Figure 434 - 802.11ac, VHT80, SDM, Core 0-1 - 5610 MHz,  
Band Edge Frequency 5725 MHz

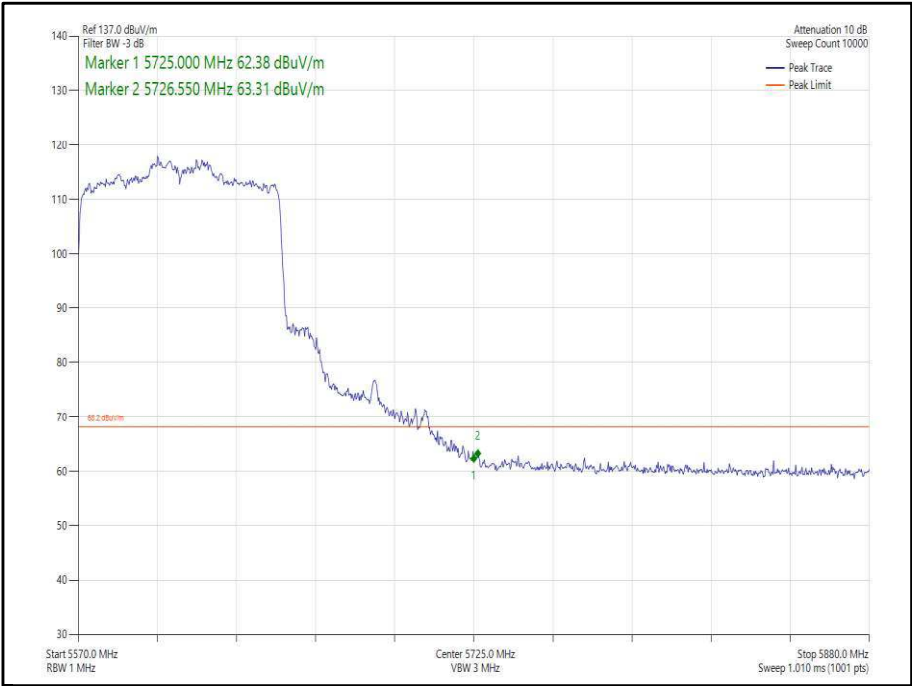


Figure 435 - 802.11ax, HE80, SU, SDM, Core 0-1 - 5610 MHz,  
Band Edge Frequency 5725 MHz

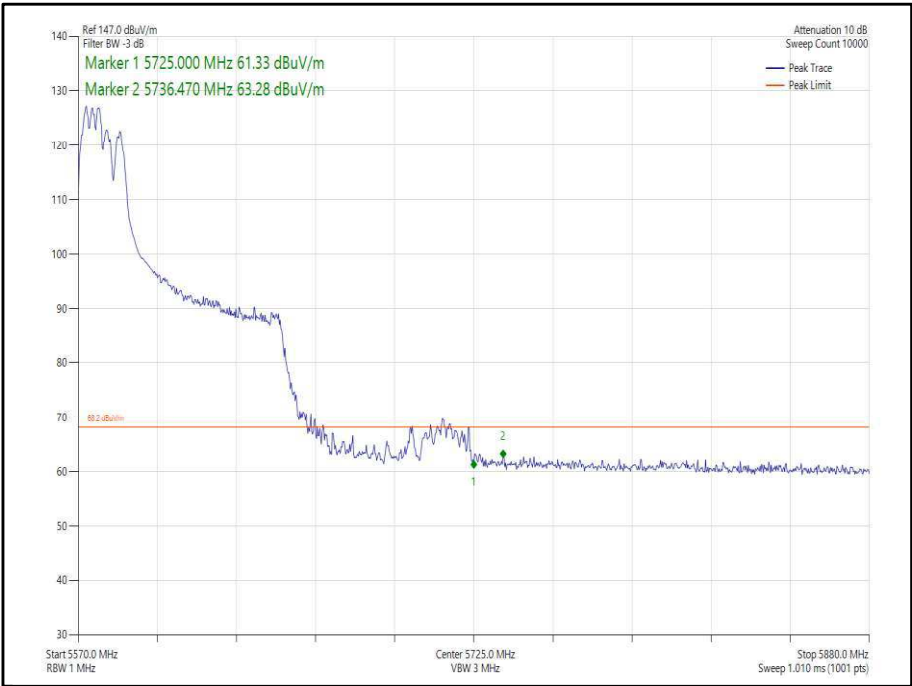


Figure 436 - 802.11ax, HE80, RU 106-53, SDM, Core 0-1 - 5610 MHz,  
Band Edge Frequency 5725 MHz

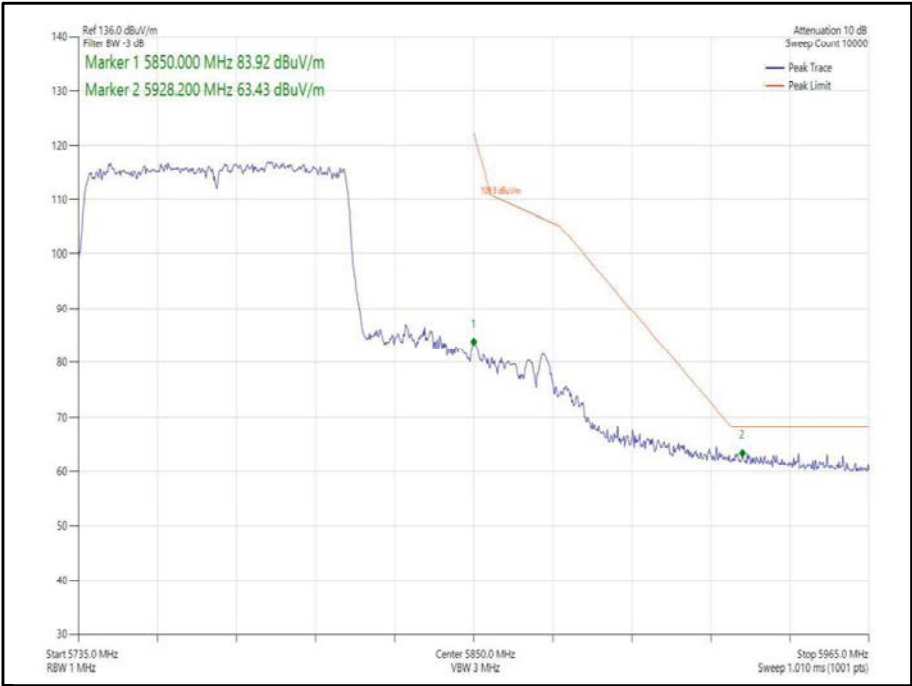


Figure 437 - 802.11ac, VHT80, SDM, Core 0-1 - 5775 MHz,  
Band Edge Frequency 5850 MHz

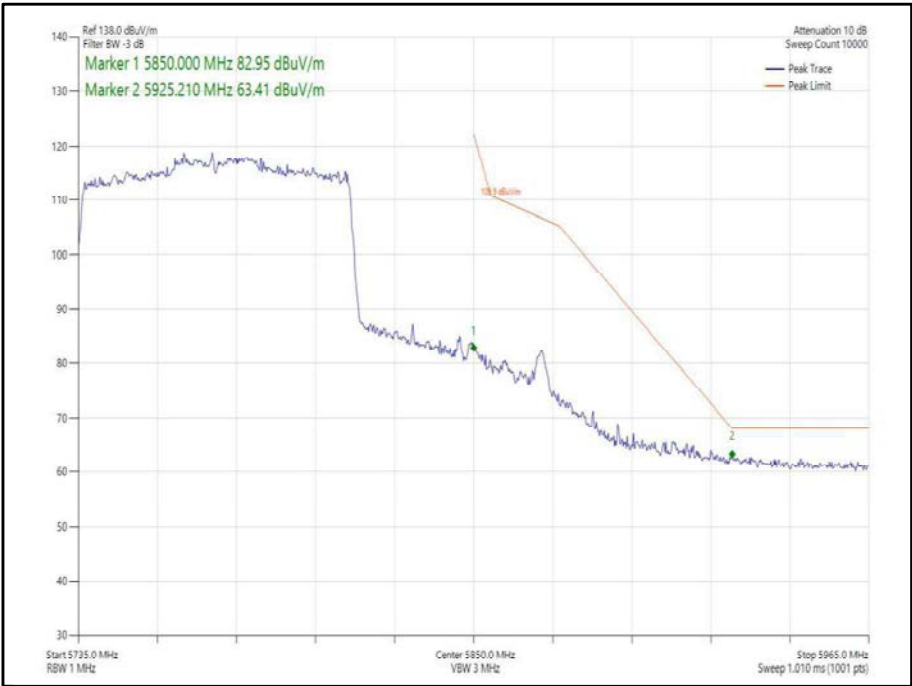


Figure 438 - 802.11ax, HE80, SU, SDM, Core 0-1 - 5775 MHz,  
Band Edge Frequency 5850 MHz

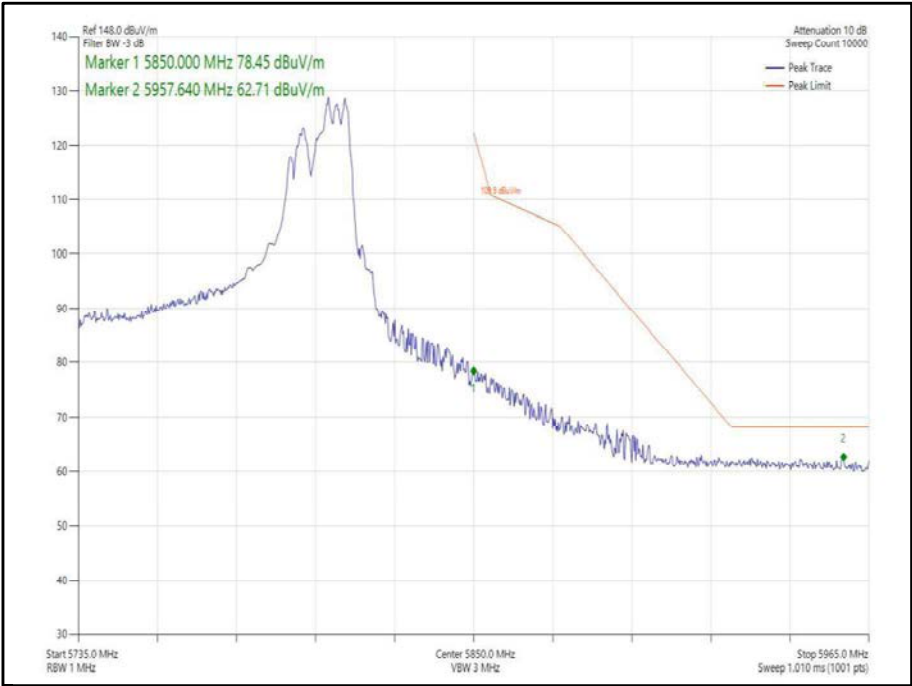


Figure 439 - 802.11ax, HE80, RU 106-60, SDM, Core 0-1 - 5775 MHz,  
Band Edge Frequency 5850 MHz

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	59.91
802.11ax, HE80	MCS11x1	SU	-	5530	5470	60.42
802.11ac, VHT80	MCS2x1	-	-	5775	5725	59.77
802.11ax, HE80	MCS4x1	SU	-	5775	5725	58.89
802.11ac, VHT80	MCS2x1	-	-	5610	5725	60.56
802.11ax, HE80	MCS11x1	SU	-	5610	5725	59.30
802.11ac, VHT80	MCS8x1	-	-	5775	5850	59.37
802.11ax, HE80	MCS4x1	SU	-	5775	5850	59.19

Table 813 - TxBF Authorised Band Edge Results

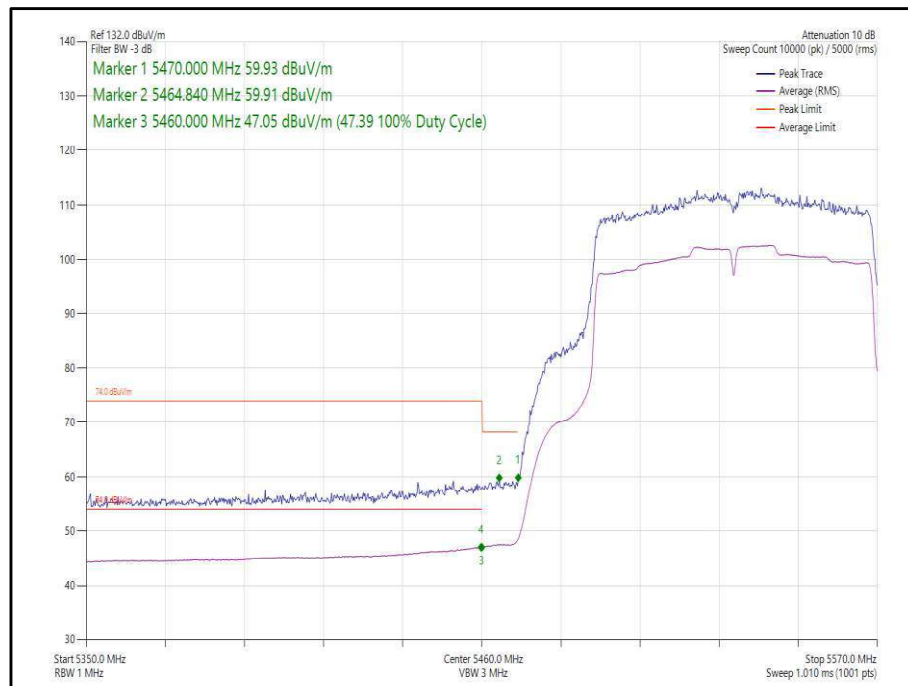


Figure 440 - 802.11ac, VHT80, TxBF, Core 0-1 - 5530 MHz,  
Band Edge Frequency 5470 MHz

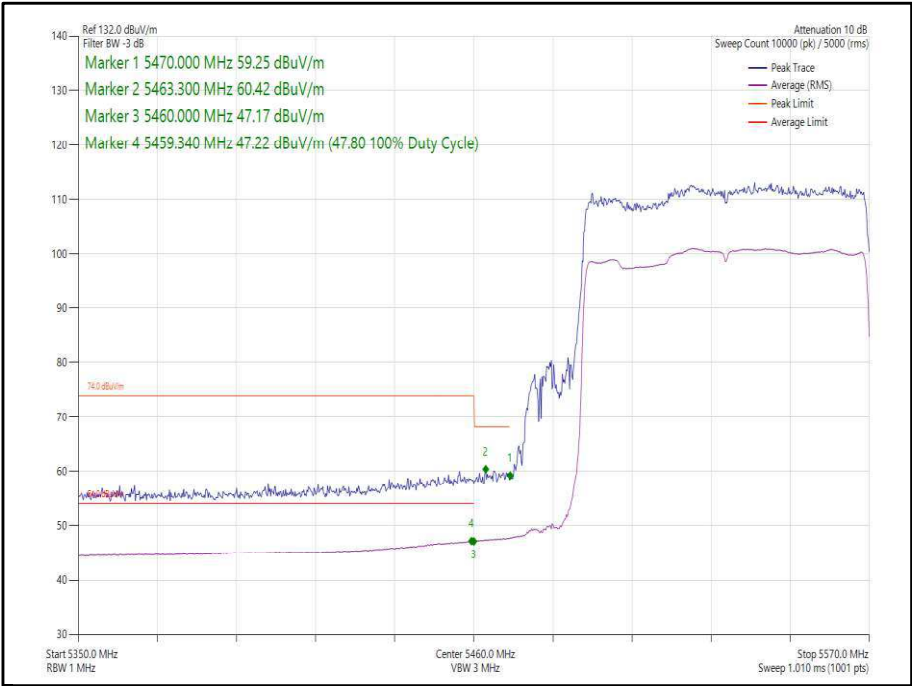


Figure 441 - 802.11ax, HE80, SU, TxBF, Core 0-1 - 5530 MHz,  
Band Edge Frequency 5470 MHz

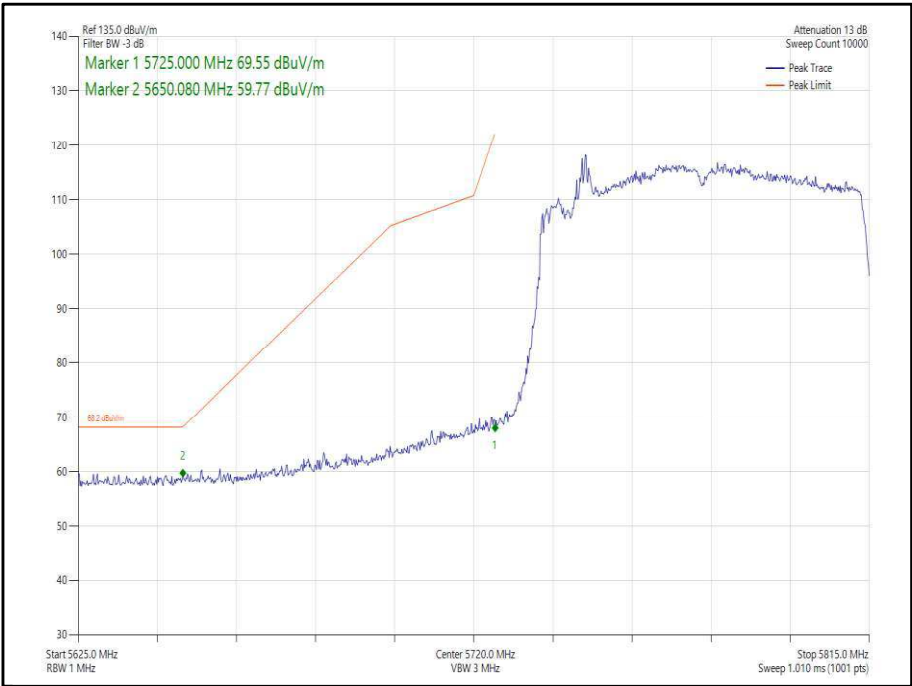


Figure 442 - 802.11ac, VHT80, TxBF, Core 0-1 - 5775 MHz,  
Band Edge Frequency 5725 MHz



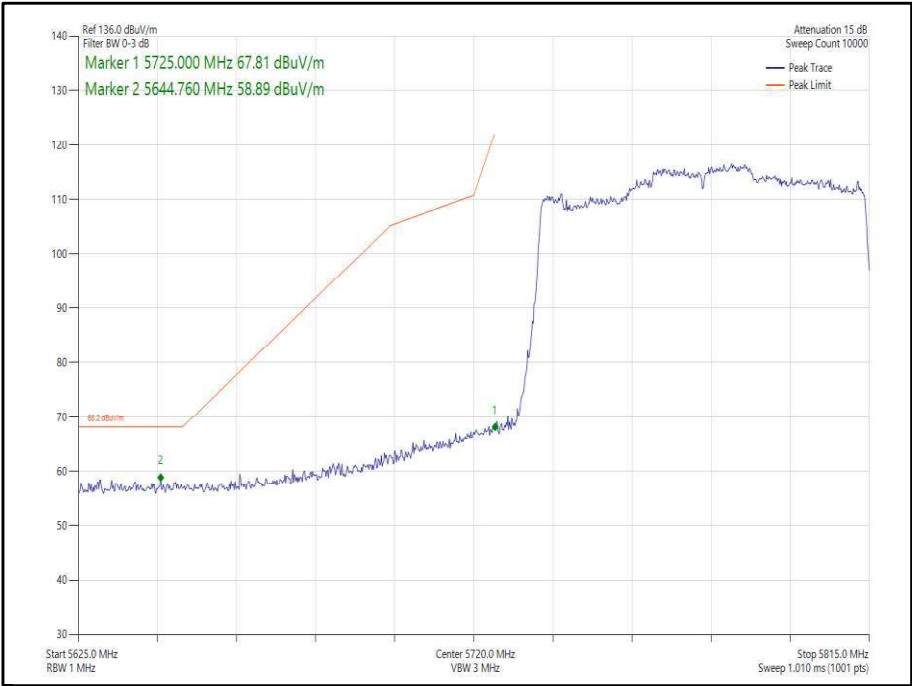


Figure 443 - 802.11ax, HE80, SU, TxBF, Core 0-1 - 5775 MHz,  
Band Edge Frequency 5725 MHz

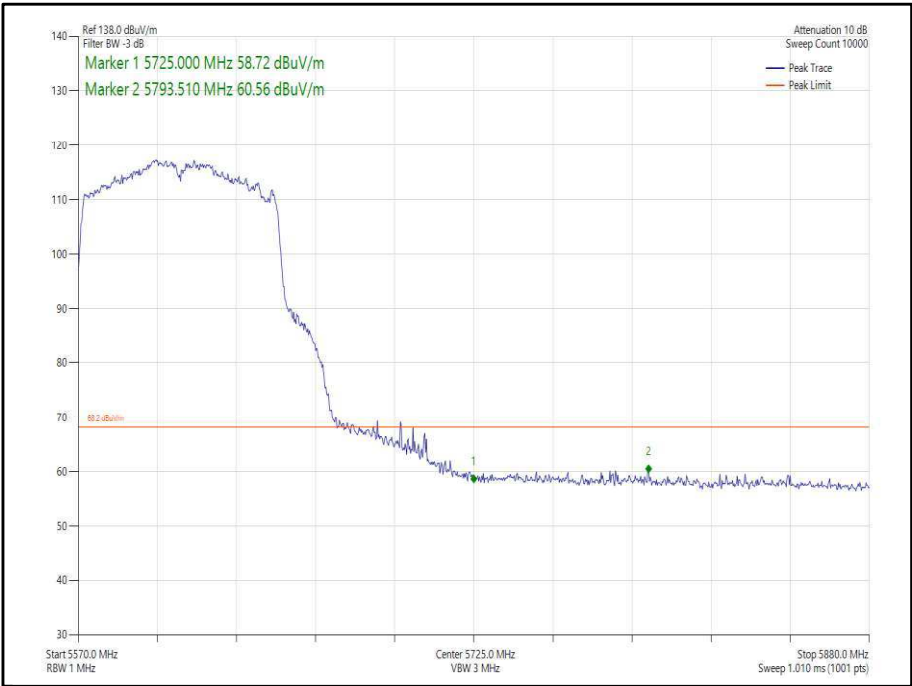


Figure 444 - 802.11ac, VHT80, TxBF, Core 0-1 - 5610 MHz,  
Band Edge Frequency 5725 MHz

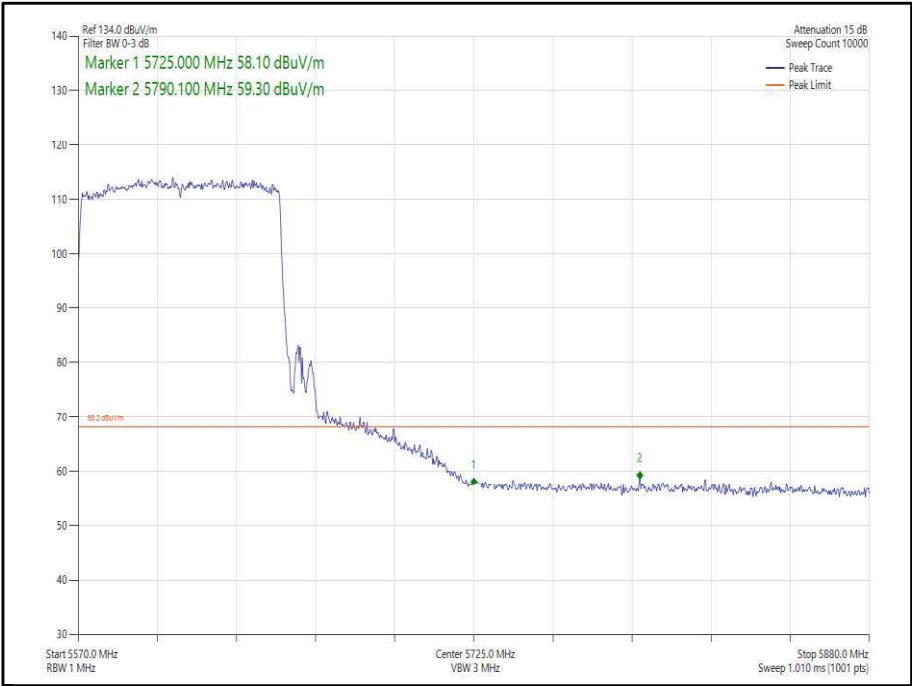


Figure 445 - 802.11ax, HE80, SU, TxBF, Core 0-1 - 5610 MHz,  
Band Edge Frequency 5725 MHz

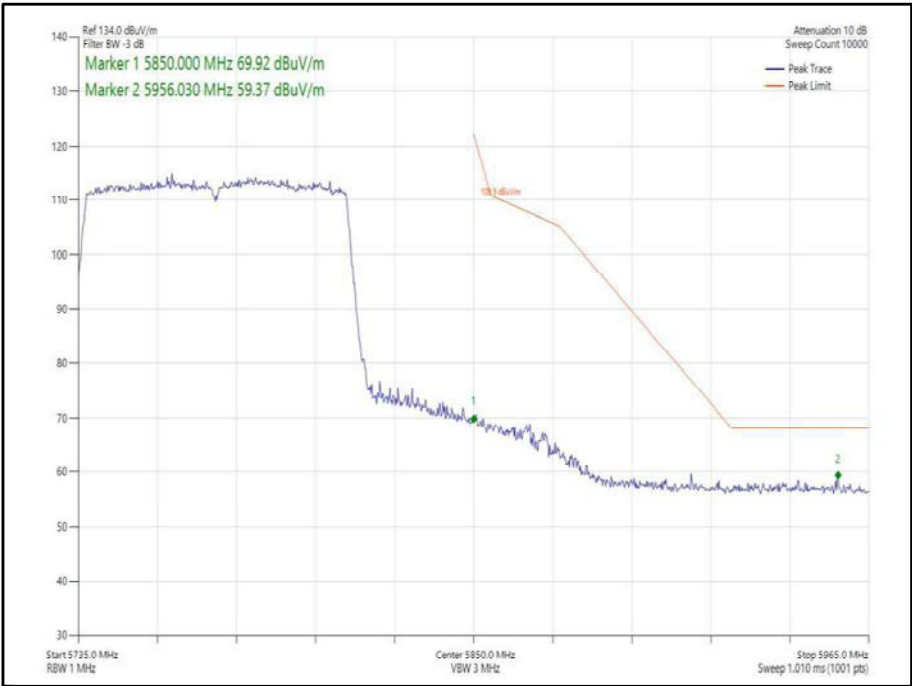


Figure 446 - 802.11ac, VHT80, TxBF, Core 0-1 - 5775 MHz,  
Band Edge Frequency 5850 MHz

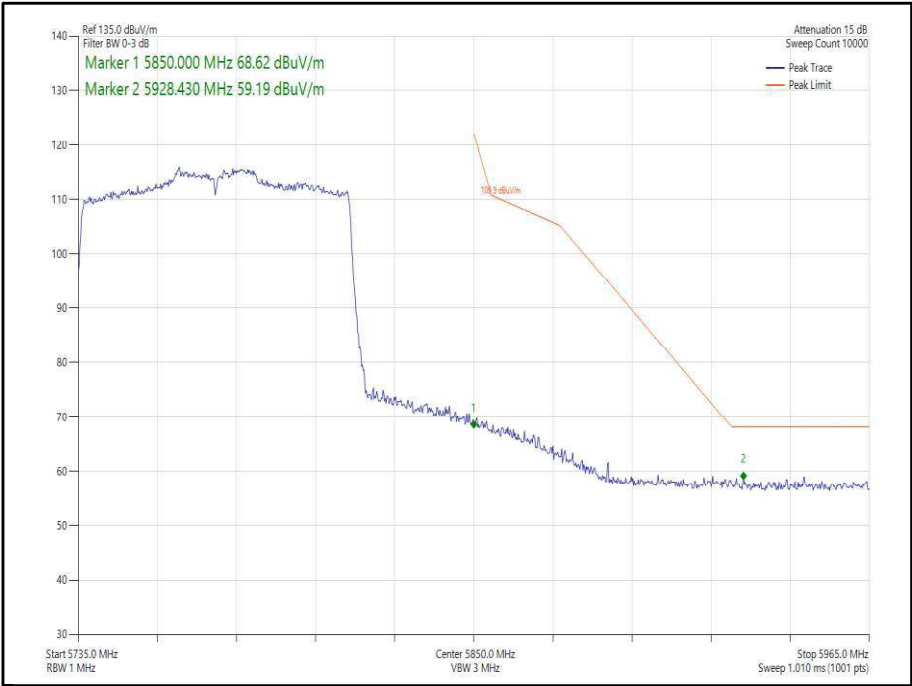
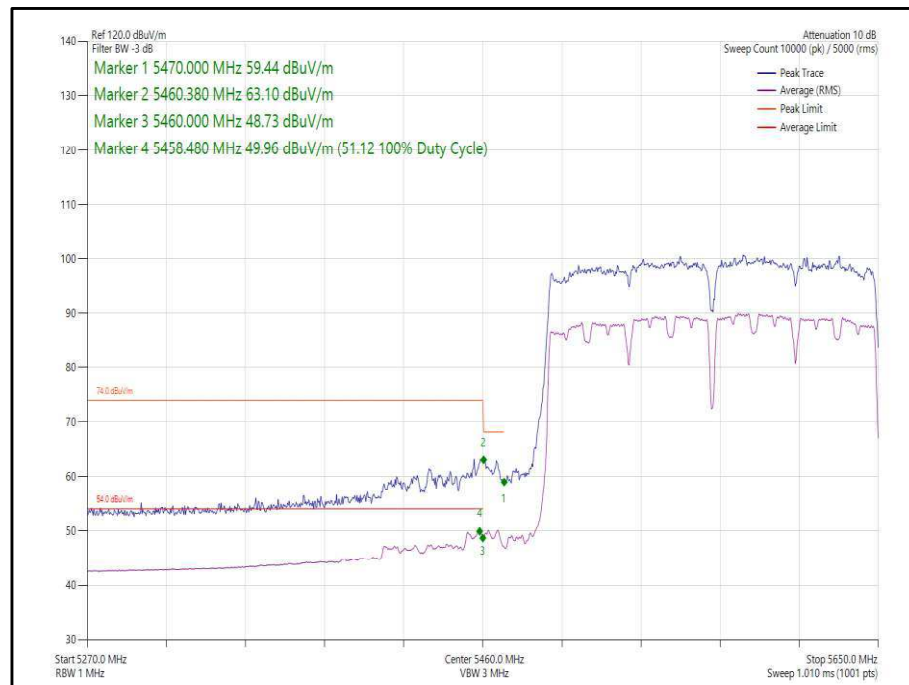


Figure 447 - 802.11ax, HE80, SU, TxBF, Core 0-1 - 5775 MHz,  
Band Edge Frequency 5850 MHz

160 MHz Bandwidth - Core 0 (SISO)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)
802.11ac, VHT160	MCS8x1	-	-	5570	5470	63.10
802.11ax, HE160	MCS11x1	SU	-	5570	5470	63.36
802.11ax, HE160	MCS11x1	106	53	5570	5470	63.53
802.11ac, VHT160	MCS8x1	-	-	5570	5725	63.65
802.11ax, HE160	MCS11x1	SU	-	5570	5725	63.57
802.11ax, HE160	MCS11x1	106	60	5570	5725	63.61

**Table 814 - SISO Authorised Band Edge Results**



**Figure 448 - 802.11ac, VHT160, SISO, Core 0 - 5570 MHz,  
Band Edge Frequency 5470 MHz**

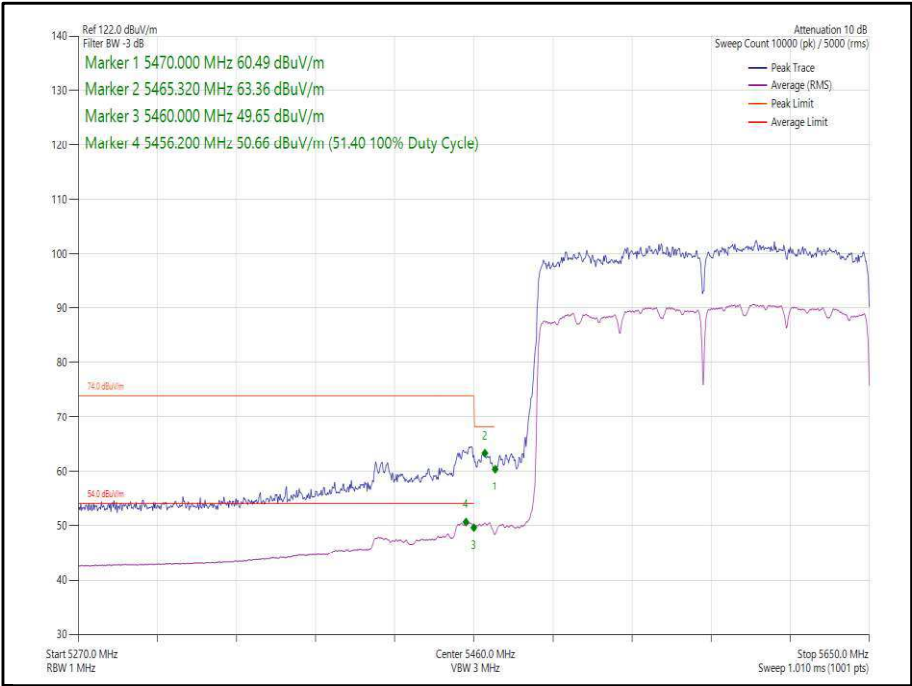


Figure 449 - 802.11ax, HE160, SU, SISO, Core 0 - 5570 MHz,  
Band Edge Frequency 5470 MHz

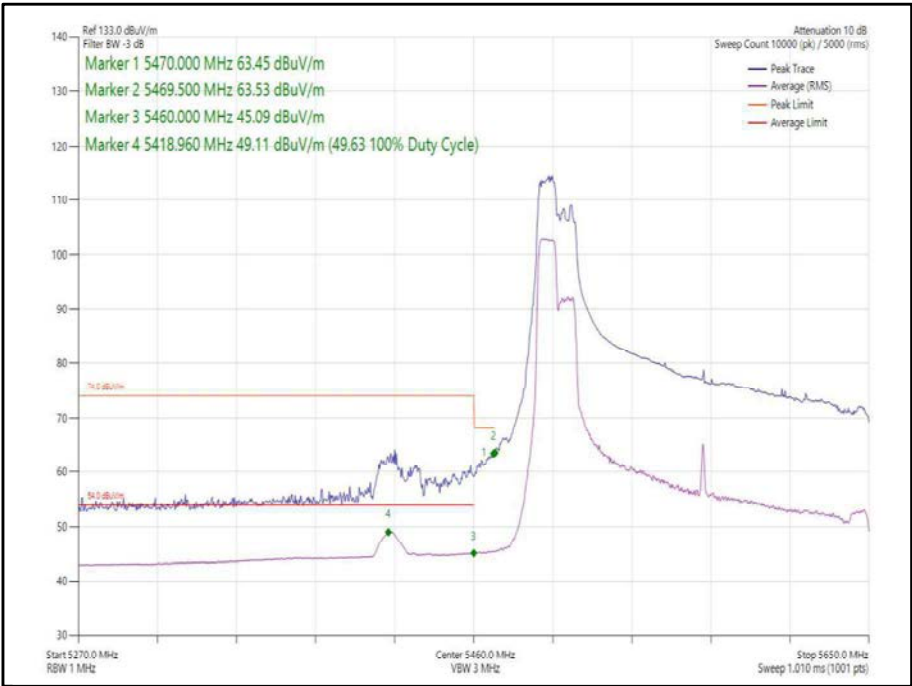


Figure 450 - 802.11ax, HE160, RU 106-53, SISO, Core 0 - 5570 MHz,  
Band Edge Frequency 5470 MHz

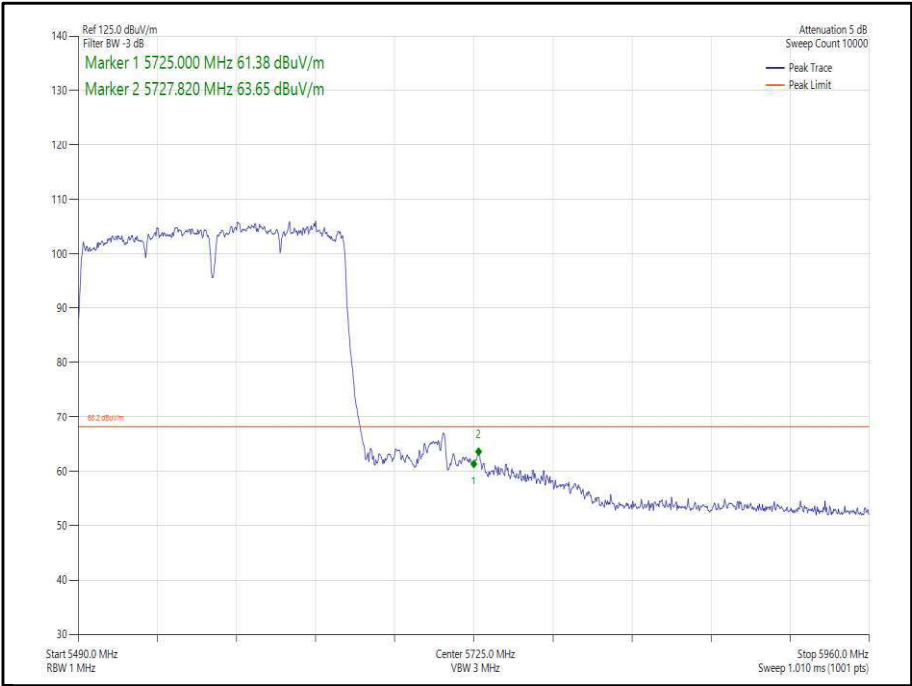


Figure 451 - 802.11ac, VHT160, SISO, Core 0 - 5570 MHz,  
Band Edge Frequency 5725 MHz

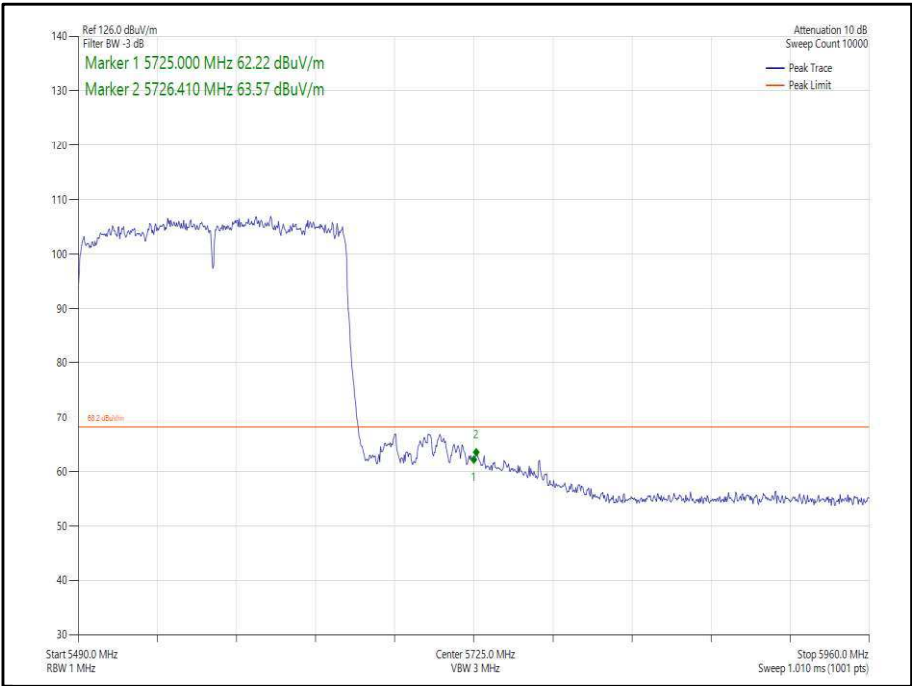


Figure 452 - 802.11ax, HE160, SU, SISO, Core 0 - 5570 MHz,  
Band Edge Frequency 5725 MHz

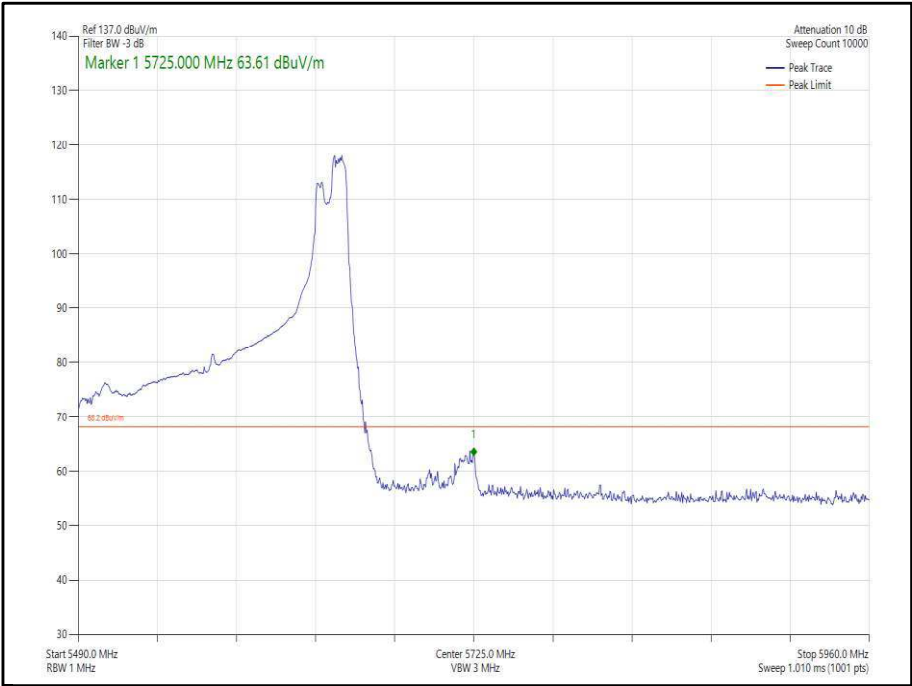


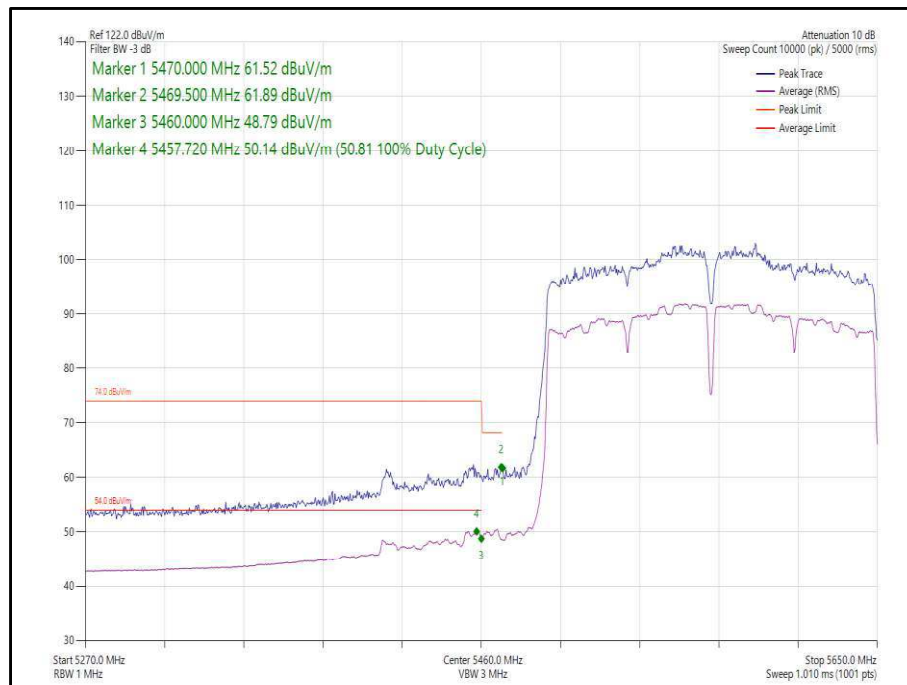
Figure 453 - 802.11ax, HE160, RU 106-60, SISO, Core 0 - 5570 MHz,  
Band Edge Frequency 5725 MHz



160 MHz Bandwidth - Core 1 (SISO)

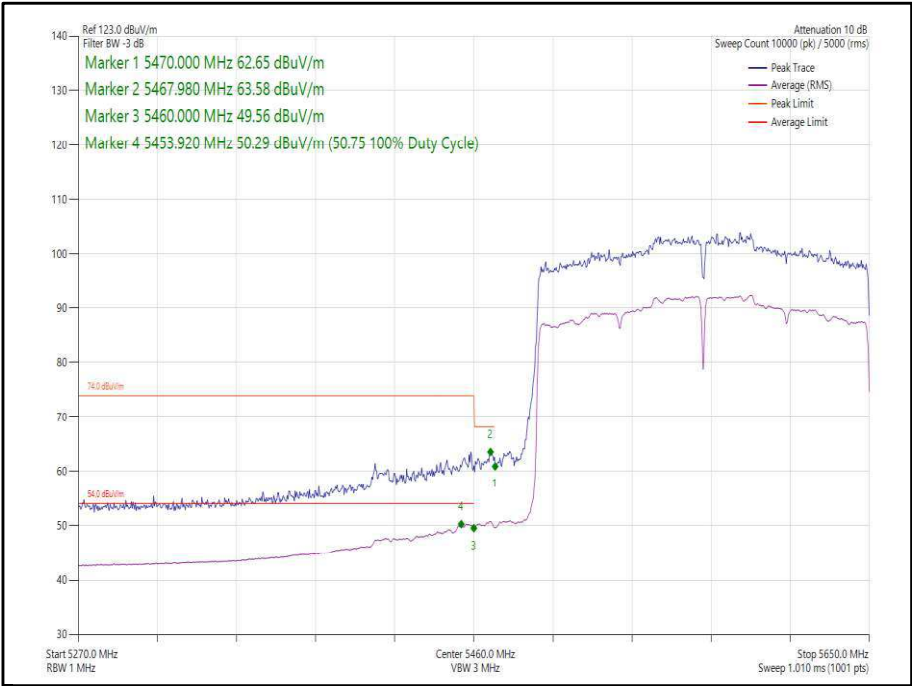
Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)
802.11ac, VHT160	MCS2x1	-	-	5570	5470	61.89
802.11ax, HE160	MCS4x1	SU	-	5570	5470	63.58
802.11ax, HE160	MCS11x1	106	53	5570	5470	63.58
802.11ac, VHT160	MCS4x1	-	-	5570	5725	63.51
802.11ax, HE160	MCS2x1	SU	-	5570	5725	63.39
802.11ax, HE160	MCS11x1	52	37	5570	5725	63.02

**Table 815 - SISO Authorised Band Edge Results**

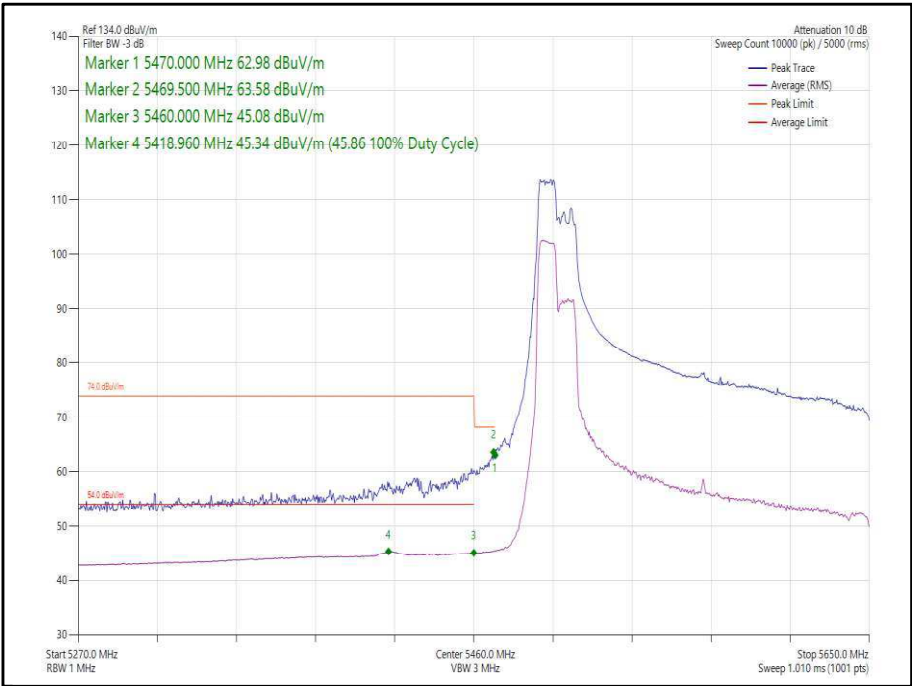


**Figure 454 - 802.11ac, VHT160, SISO, Core 1 - 5570 MHz,  
Band Edge Frequency 5470 MHz**

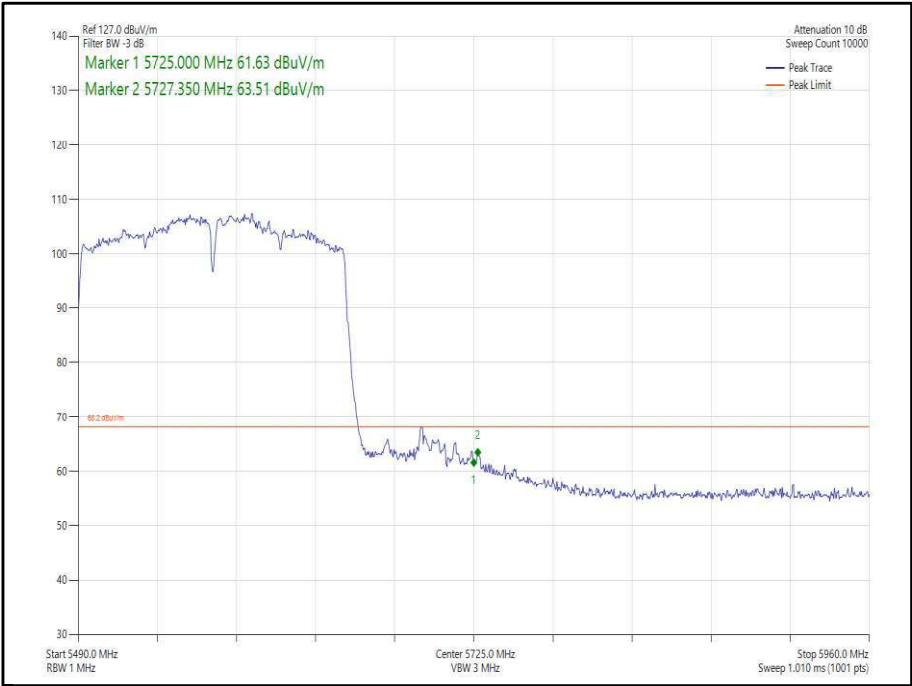




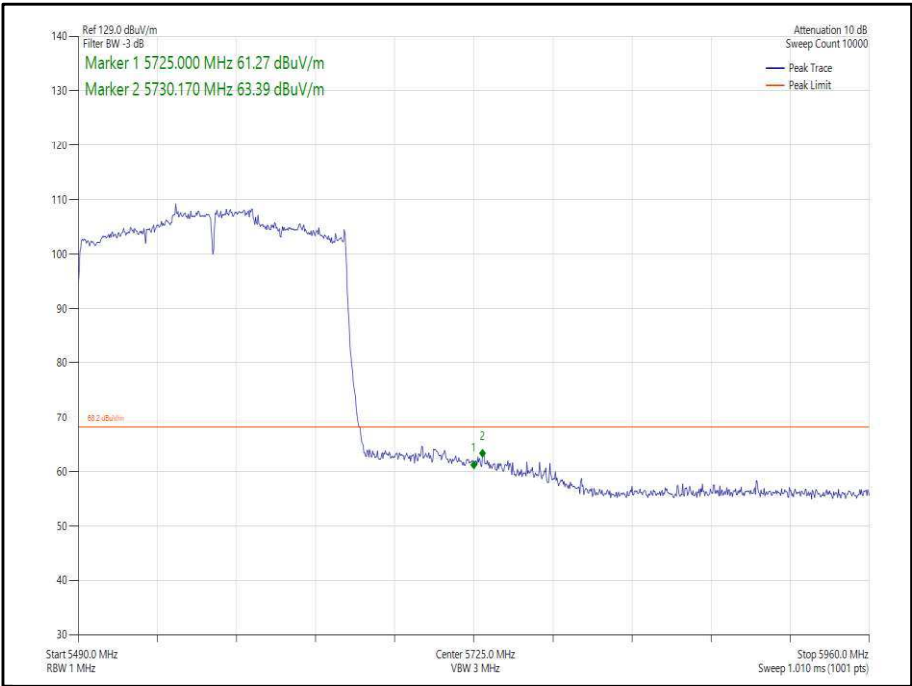
**Figure 455 - 802.11ax, HE160, SU, SISO, Core 1 - 5570 MHz,  
Band Edge Frequency 5470 MHz**



**Figure 456 - 802.11ax, HE160, RU 106-53, SISO, Core 1 - 5570 MHz,  
Band Edge Frequency 5470 MHz**



**Figure 457 - 802.11ac, VHT160, SISO, Core 1 - 5570 MHz,  
Band Edge Frequency 5725 MHz**



**Figure 458 - 802.11ax, HE160, SU, SISO, Core 1 - 5570 MHz,  
Band Edge Frequency 5725 MHz**

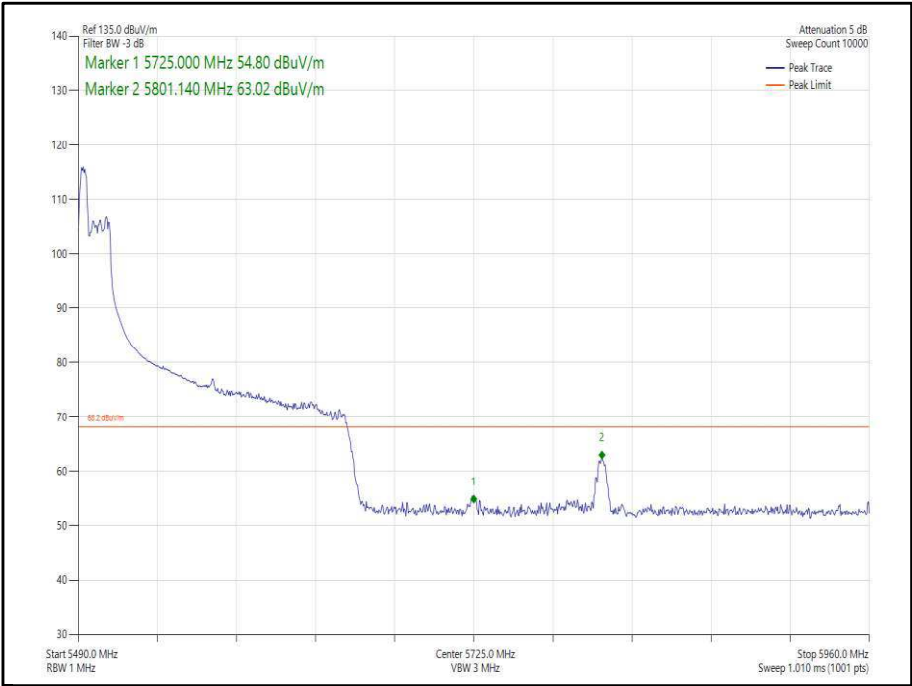


Figure 459 - 802.11ax, HE160, RU 52-37, SISO, Core 1 - 5570 MHz,  
Band Edge Frequency 5725 MHz



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	MCS8x1	-	-	5570	5470	63.28
802.11ax, HE160	MCS11x1	SU	-	5570	5470	63.48
802.11ax, HE160	MCS11x1	106	53	5570	5470	63.15
802.11ac, VHT160	MCS4x1	-	-	5570	5725	63.68
802.11ax, HE160	MCS2x1	SU	-	5570	5725	63.63
802.11ax, HE160	MCS11x1	52	37	5570	5725	63.70

Table 816 - CDD Authorised Band Edge Results

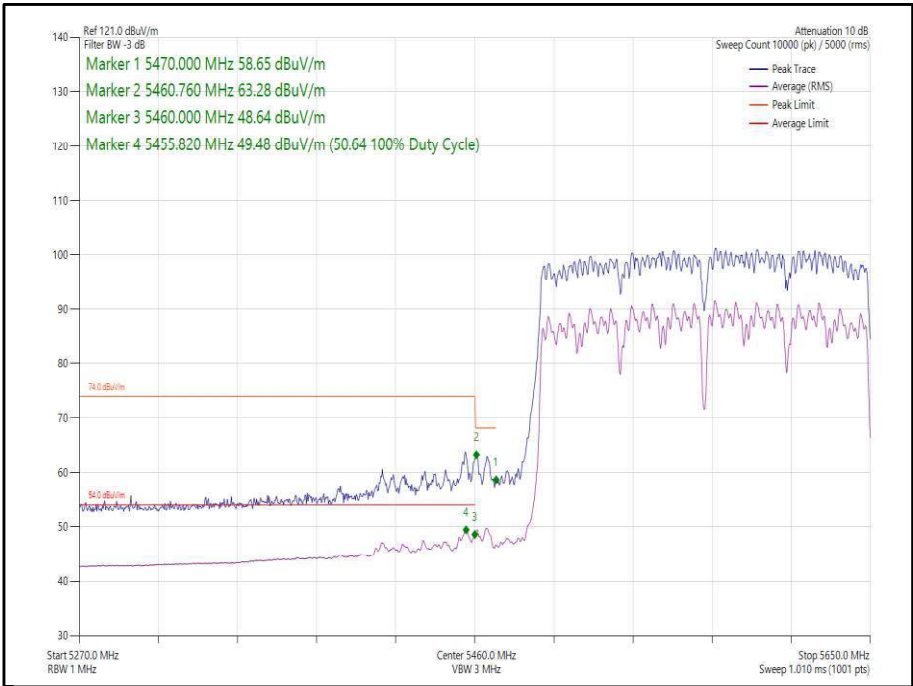
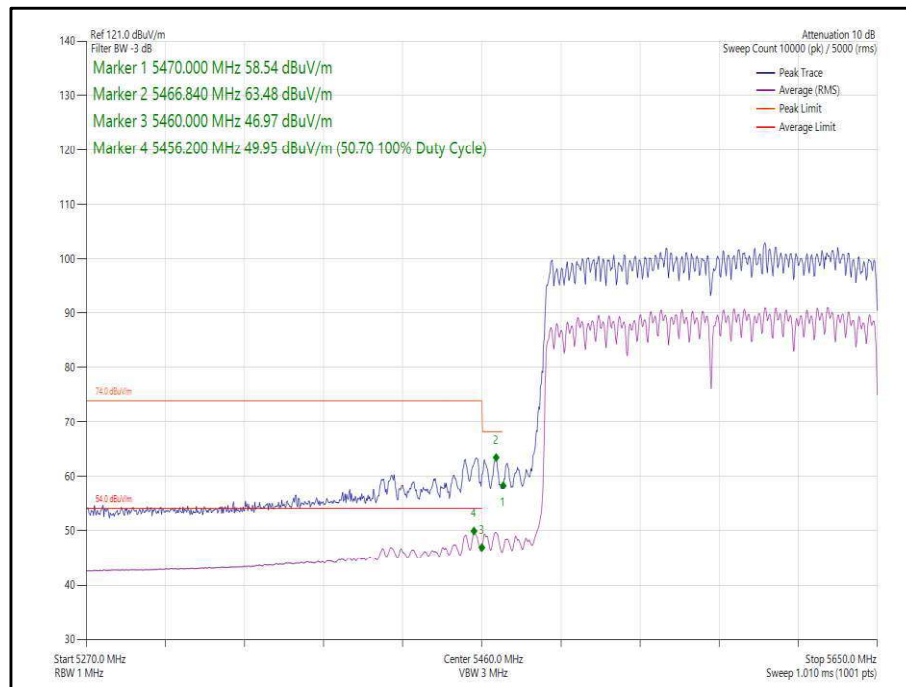
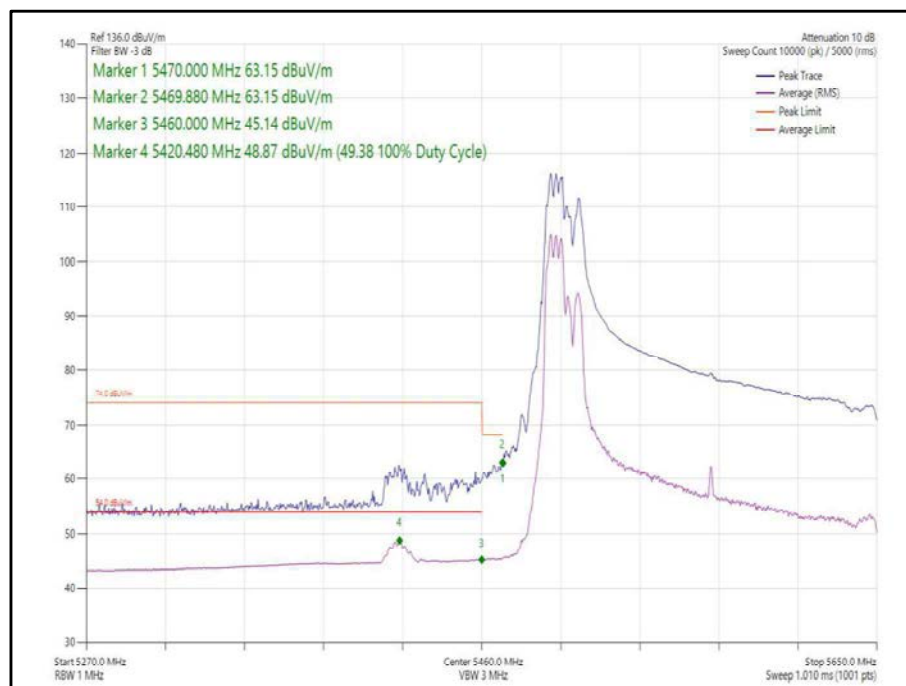


Figure 460 - 802.11ac, VHT160, CDD, Core 0-1 - 5570 MHz,  
Band Edge Frequency 5470 MHz



**Figure 461 - 802.11ax, HE160, SU, CDD, Core 0-1 - 5570 MHz,  
Band Edge Frequency 5470 MHz**



**Figure 462 - 802.11ax, HE160, RU 106-53, CDD, Core 0-1 - 5570 MHz,  
Band Edge Frequency 5470 MHz**

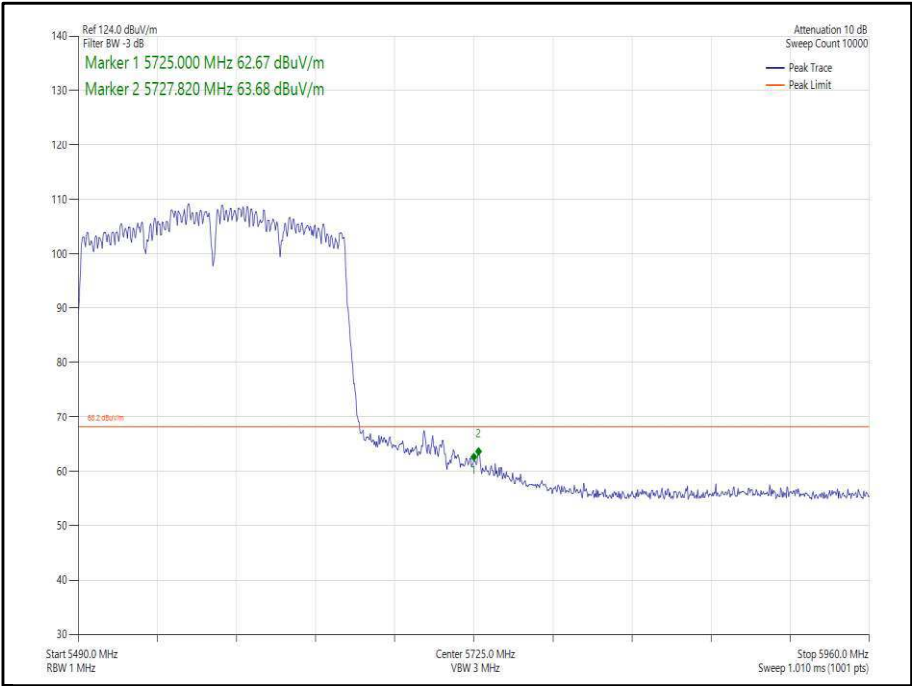


Figure 463 - 802.11ac, VHT160, CDD, Core 0-1 - 5570 MHz,  
Band Edge Frequency 5725 MHz

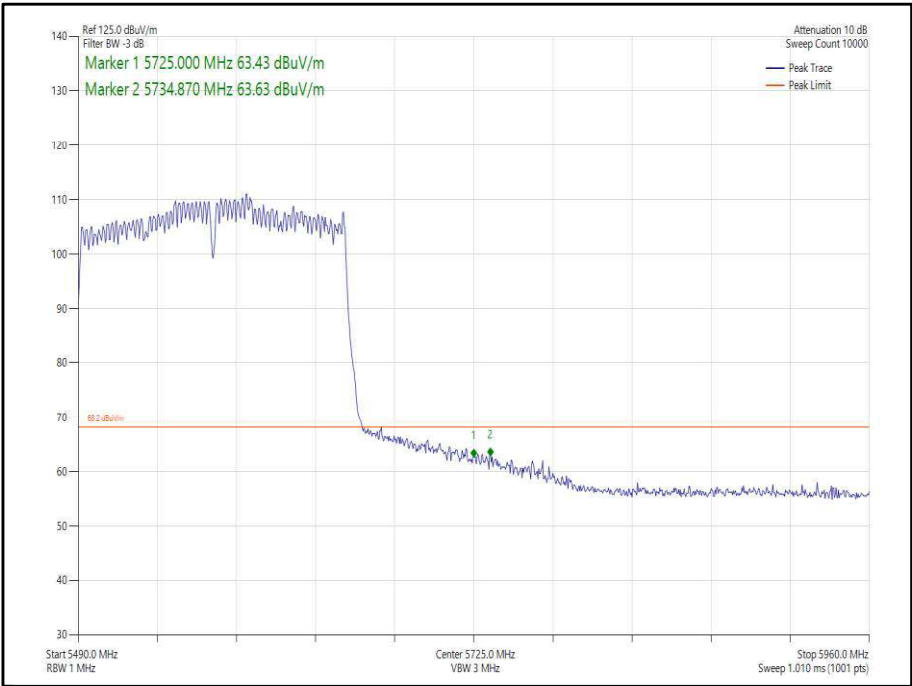


Figure 464 - 802.11ax, HE160, SU, CDD, Core 0-1 - 5570 MHz,  
Band Edge Frequency 5725 MHz

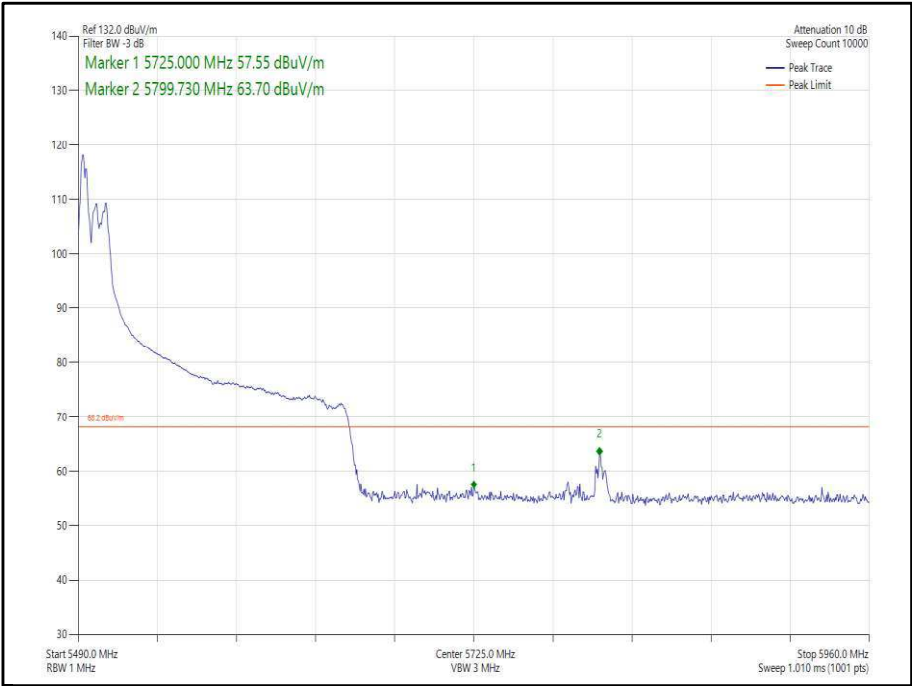


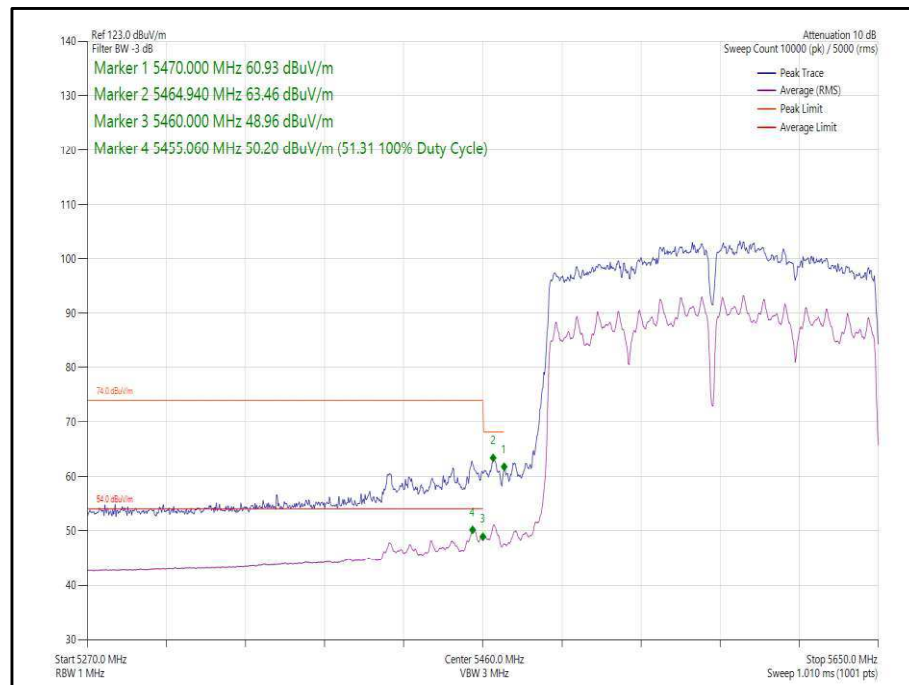
Figure 465 - 802.11ax, HE160, RU 52-37, CDD, Core 0-1 - 5570 MHz,  
Band Edge Frequency 5725 MHz



160 MHz Bandwidth - Core 0-1 (SDM)

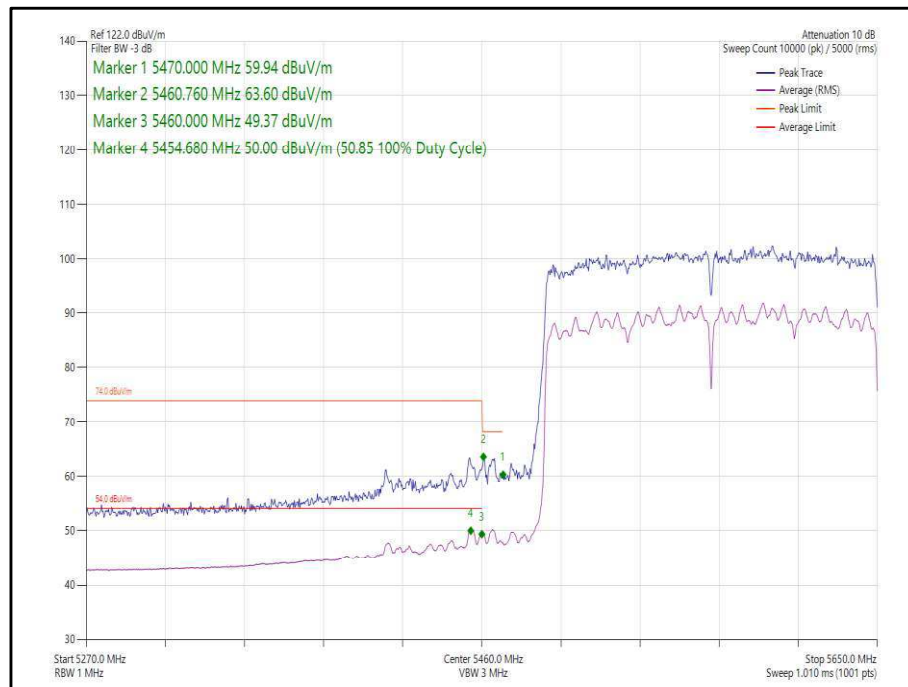
Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)
802.11ac, VHT160	MCS4x2	-	-	5570	5470	63.46
802.11ax, HE160	MCS11x2	SU	-	5570	5470	63.60
802.11ax, HE160	MCS11x2	106	53	5570	5470	63.41
802.11ac, VHT160	MCS2x2	-	-	5570	5725	63.45
802.11ax, HE160	MCS4x2	SU	-	5570	5725	63.51
802.11ax, HE160	MCS11x2	52	52	5570	5725	63.54

**Table 817 - SDM Authorised Band Edge Results**

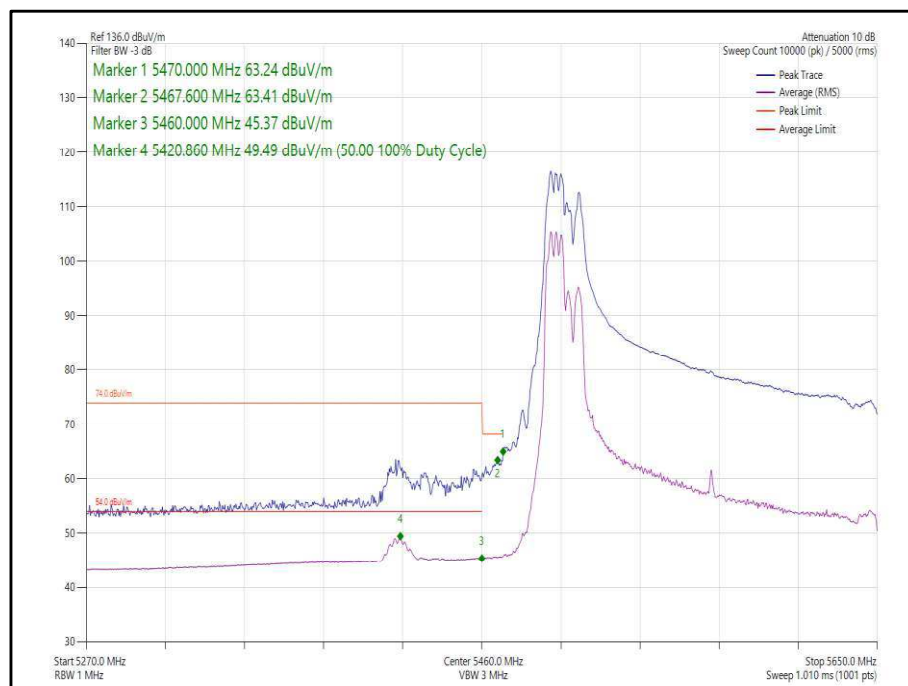


**Figure 466 - 802.11ac, VHT160, SDM, Core 0-1 - 5570 MHz, Band Edge Frequency 5470 MHz**





**Figure 467 - 802.11ax, HE160, SU, SDM, Core 0-1 - 5570 MHz,  
Band Edge Frequency 5470 MHz**



**Figure 468 - 802.11ax, HE160, RU 106-53, SDM, Core 0-1 - 5570 MHz,  
Band Edge Frequency 5470 MHz**

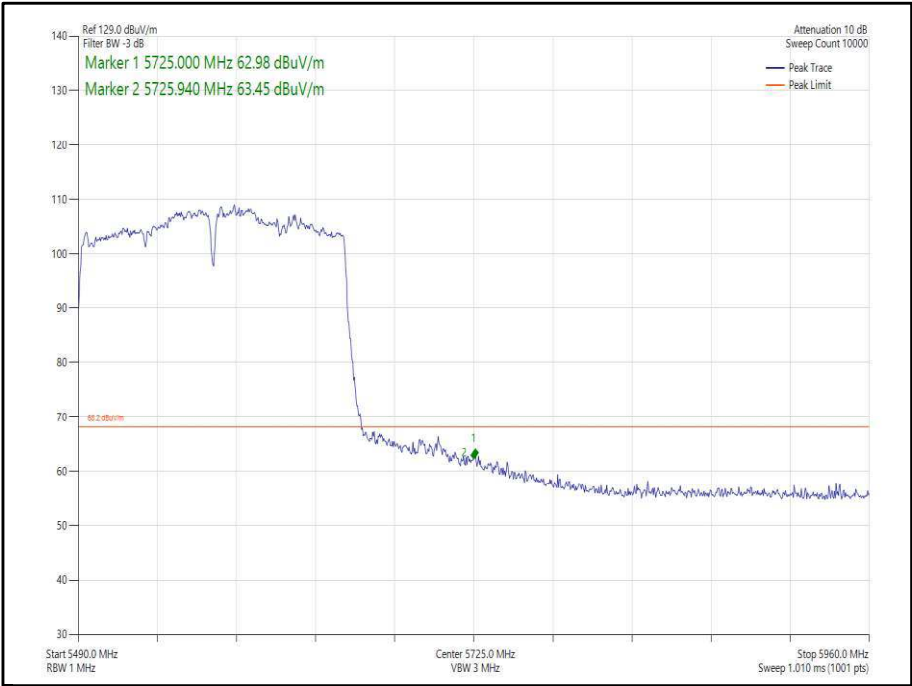


Figure 469 - 802.11ac, VHT160, SDM, Core 0-1 - 5570 MHz,  
Band Edge Frequency 5725 MHz

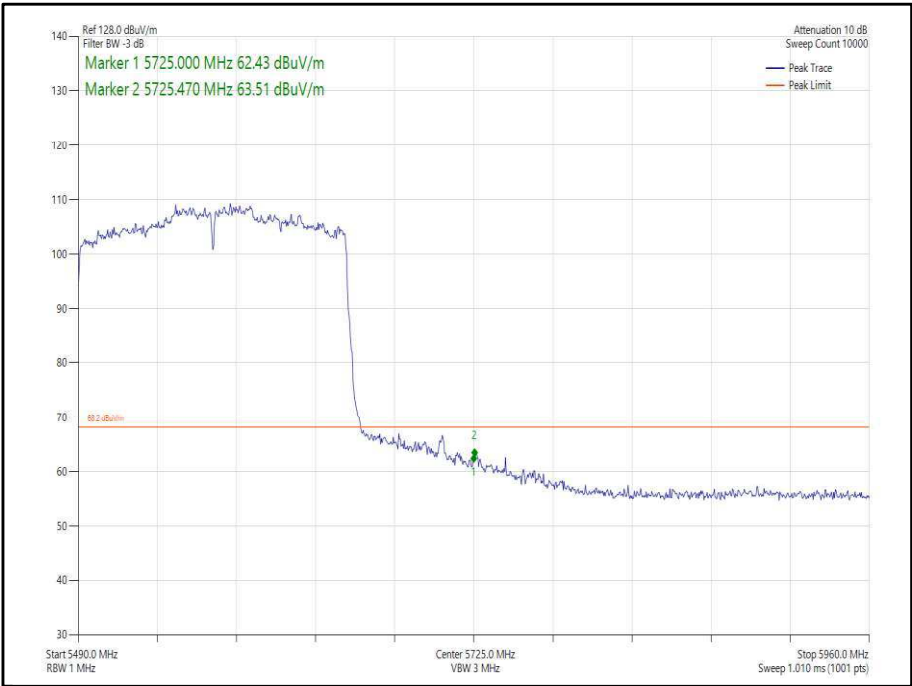


Figure 470 - 802.11ax, HE160, SU, SDM, Core 0-1 - 5570 MHz,  
Band Edge Frequency 5725 MHz

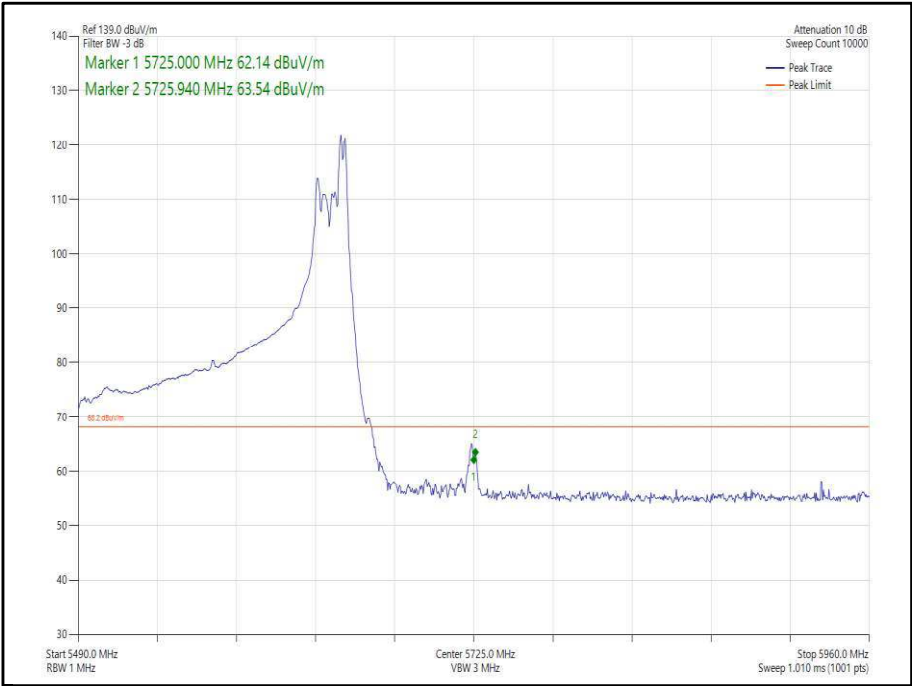


Figure 471 - 802.11ax, HE160, RU 52-52, SDM, Core 0-1 - 5570 MHz,  
Band Edge Frequency 5725 MHz



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:  $\leq -27$  dBm/MHz outside 5150-5350 MHz.

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

For transmitters operating in the 5.47-5.725 GHz band:  $\leq -27$  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-Feb-2023
1500W (300V 12A) AC Power Supply	iTech	IT7324	5955	-	O/P Mon
5m Semi-Anechoic Chamber (Dual-Axis)	Albatross Projects	RF Chamber 14	5958	36	26-Apr-2025
Compact Antenna Mast	Maturo Gmbh	CAM4.0-P	5959	-	TU
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
Cable (N to N 1m)	Junkosha	MWX221-01000AMSAMS/B	6009	12	07-Jun-2023
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6141	12	21-Jun-2023
Digital Multimeter	Fluke	115	6145	12	17-Jun-2023
SAC Switch Unit	TUV SUD	TUV_SSU_001	6144	12	05-Dec-2023

**Table 818**

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**

A2787, S/N: C2VL734Q54 - Modification State 0

### **2.6.3 Date of Test**

02-February-2023 to 10-February-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 on the Main Radio, 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.

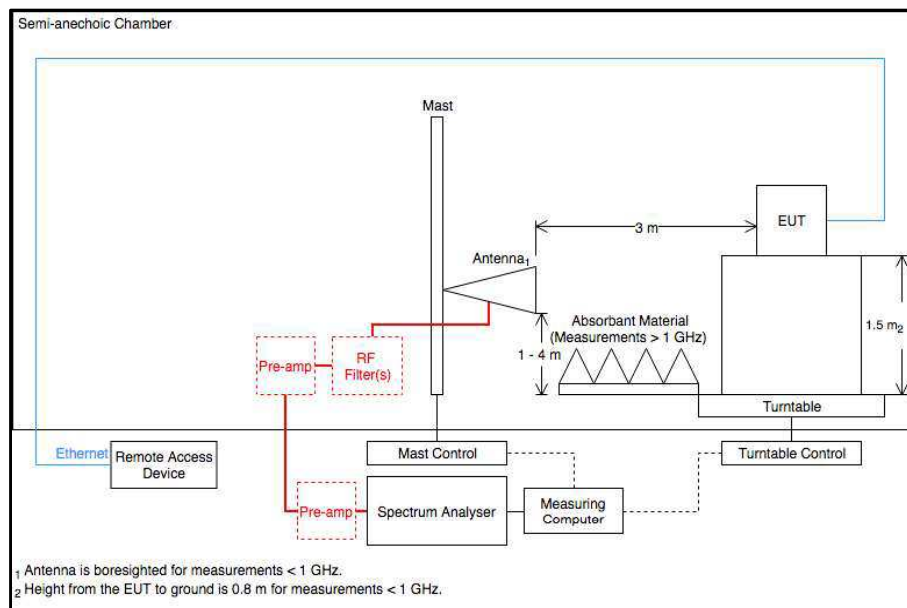
All testing was performed using the lowest data rate/modulation scheme for the applicable mode since this was declared worst case by the customer.

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 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 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:  
 $\text{Field Strength (dBuV/m at 3 m)} = \text{EIRP (dBm)} + 95.2 \text{ dB}$



**Table 819 - Radiated Emissions Test Setup Diagram**

### 2.6.5 Environmental Conditions

Ambient Temperature	20.9 - 26.8 °C
Relative Humidity	30.0 - 39.2 %

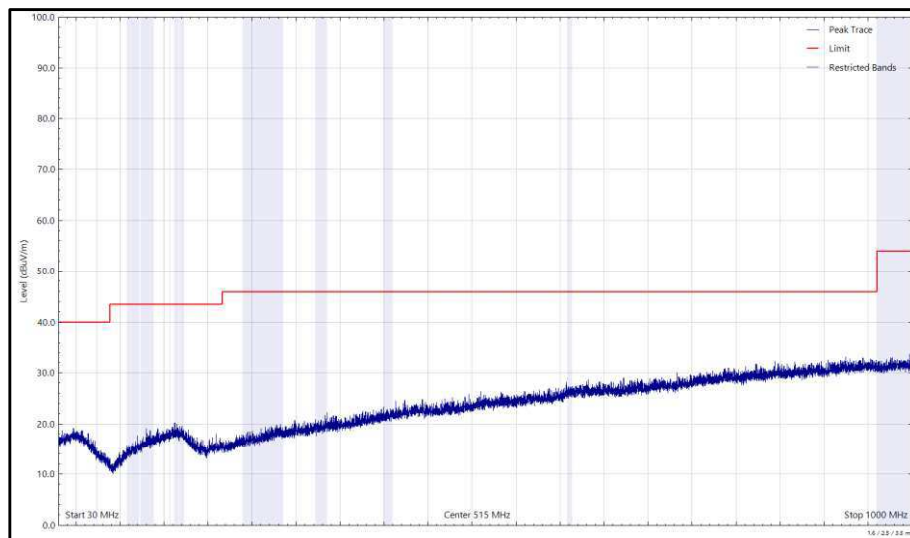
## 2.6.6 Test Results

### 5 GHz WLAN

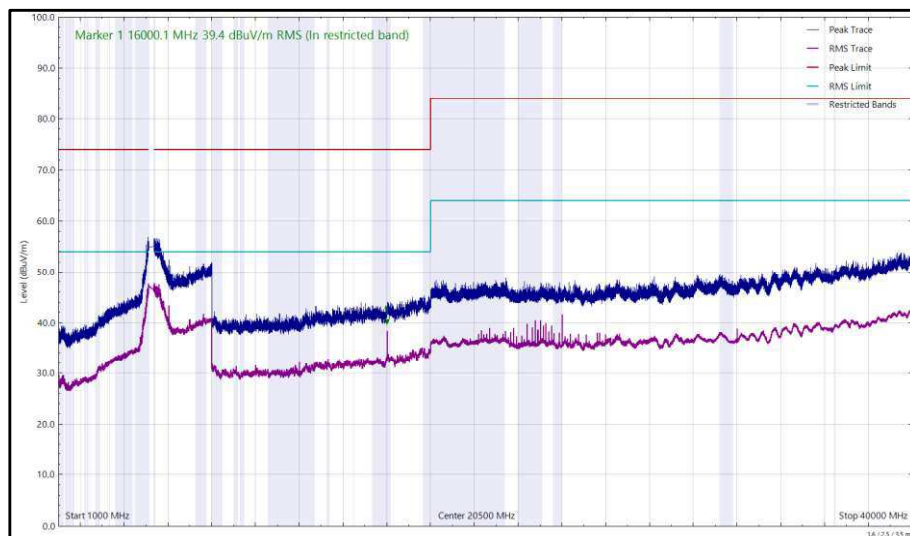
Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
16000.025	37.88	54.00	-16.12	RMS	329	262	Vertical
16000.100	39.39	54.00	-14.61	RMS	326	187	Horizontal

**Table 820 - U-NII-1 - 5180 MHz (CH36), VHT20, CDD, Core 0 + Core 1, 30 MHz to 40 GHz**

No other emissions found within 10 dB of the limit.



**Figure 472 - U-NII-1 - 5180 MHz (CH36), VHT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)**



**Figure 473 - U-NII-1 - 5180 MHz (CH36), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal**



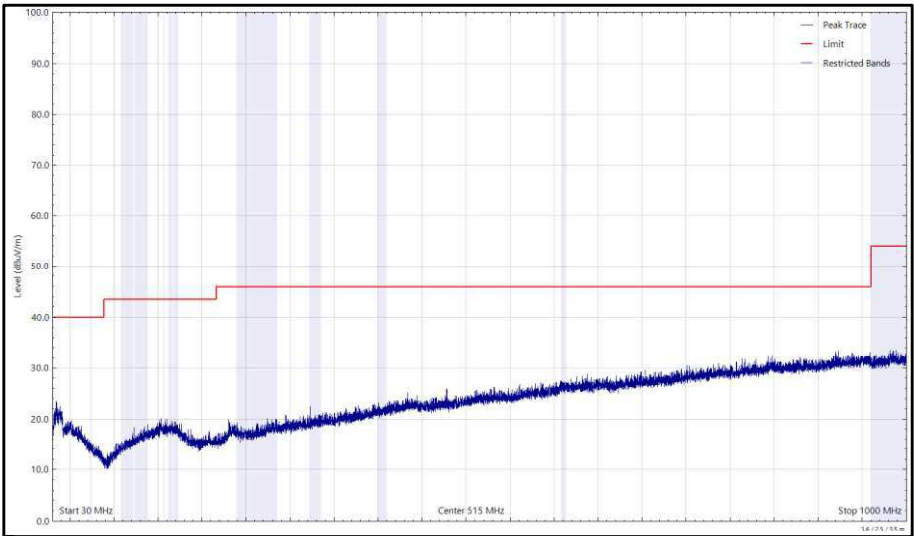


Figure 474 - U-NII-1 - 5180 MHz (CH36), VHT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

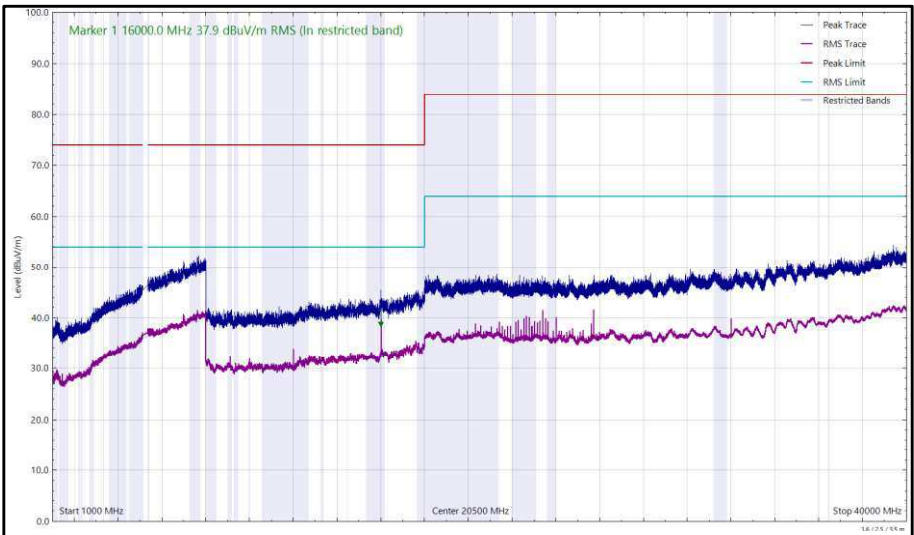
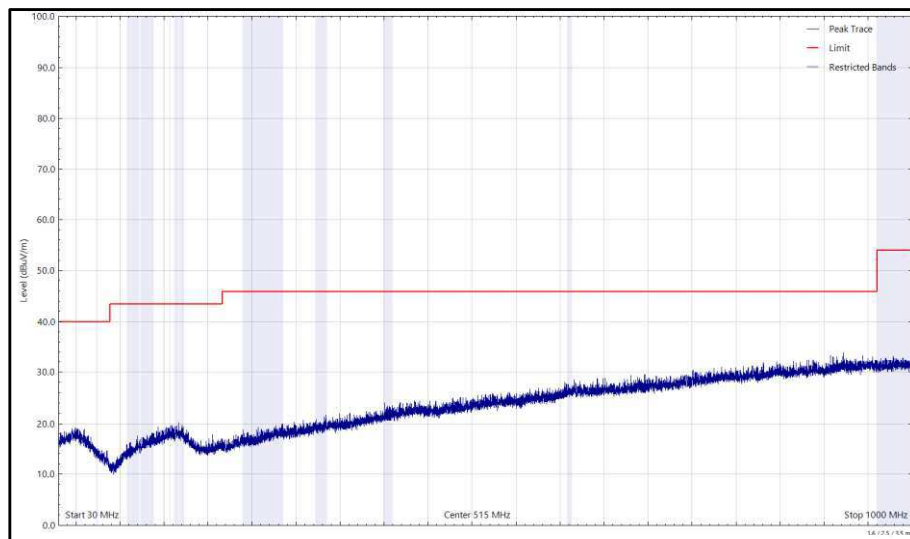


Figure 475 - U-NII-1 - 5180 MHz (CH36), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

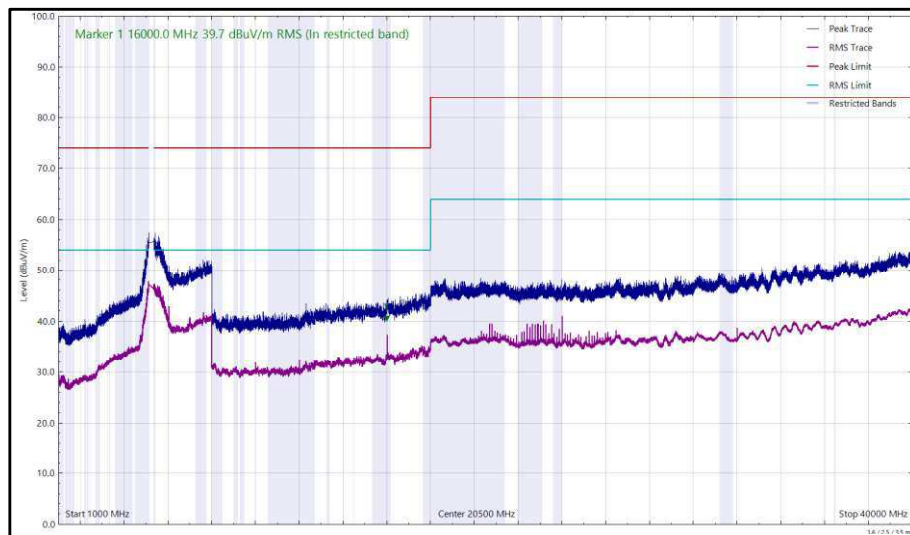
Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
16000.035	39.67	54.00	-14.33	RMS	321	175	Horizontal
16000.090	38.23	54.00	-15.77	RMS	329	261	Vertical

**Table 821 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 40 GHz**

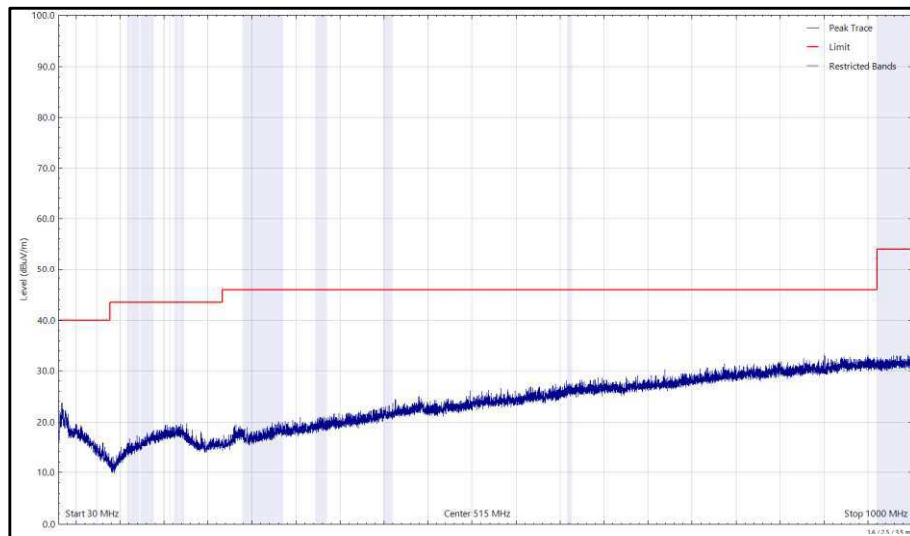
No other emissions found within 10 dB of the limit.



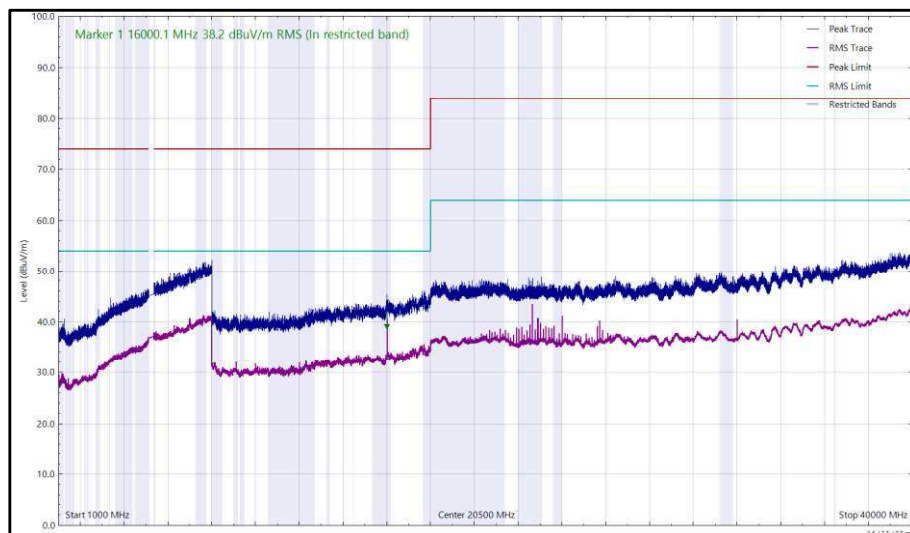
**Figure 476 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)**



**Figure 477 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal**



**Figure 478 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)**

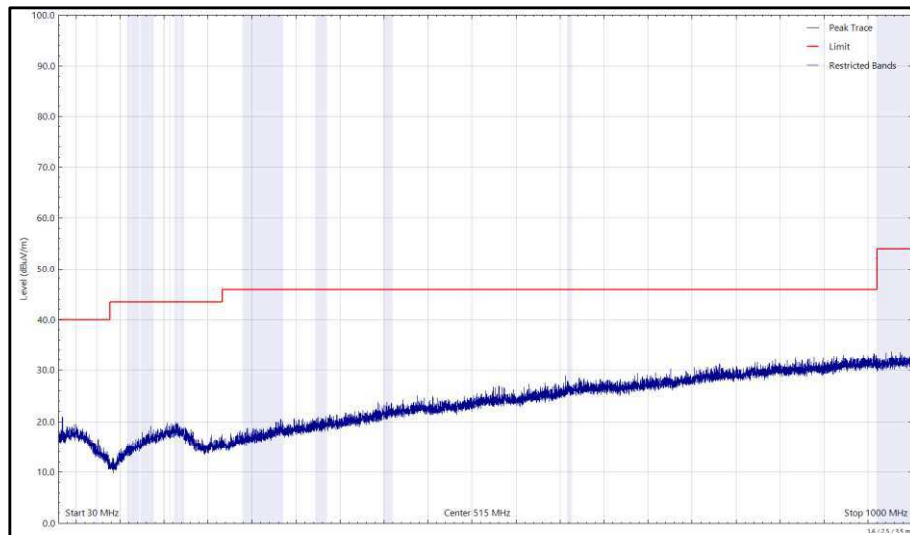


**Figure 479 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical**

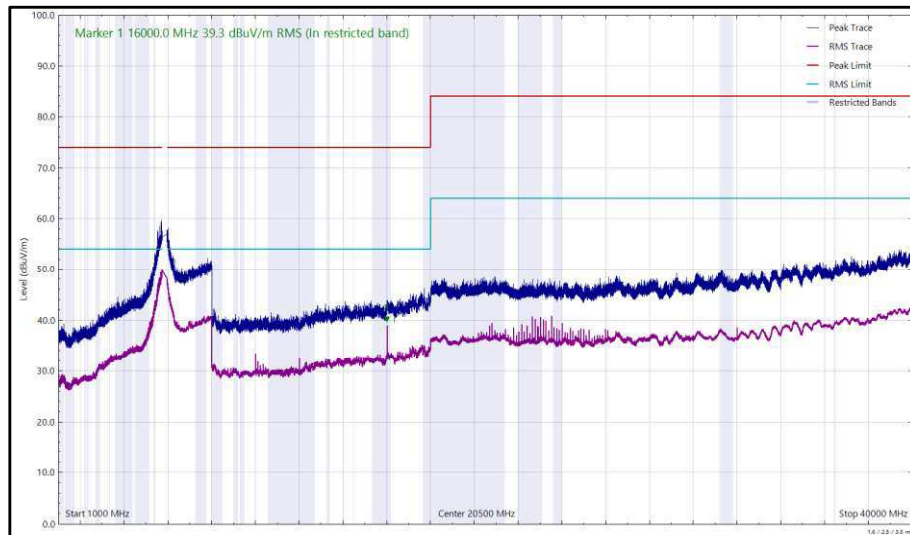
Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
15999.990	38.74	54.00	-15.26	RMS	327	209	Vertical
15999.990	39.34	54.00	-14.66	RMS	321	176	Horizontal

**Table 822 - U-NII-3 - 5825 MHz (CH165), VHT20, CDD, Core 0 + Core 1, 30 MHz to 40 GHz**

No other emissions found within 10 dB of the limit.



**Figure 480 - U-NII-3 - 5825 MHz (CH165), VHT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)**



**Figure 481 - U-NII-3 - 5825 MHz (CH165), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal**

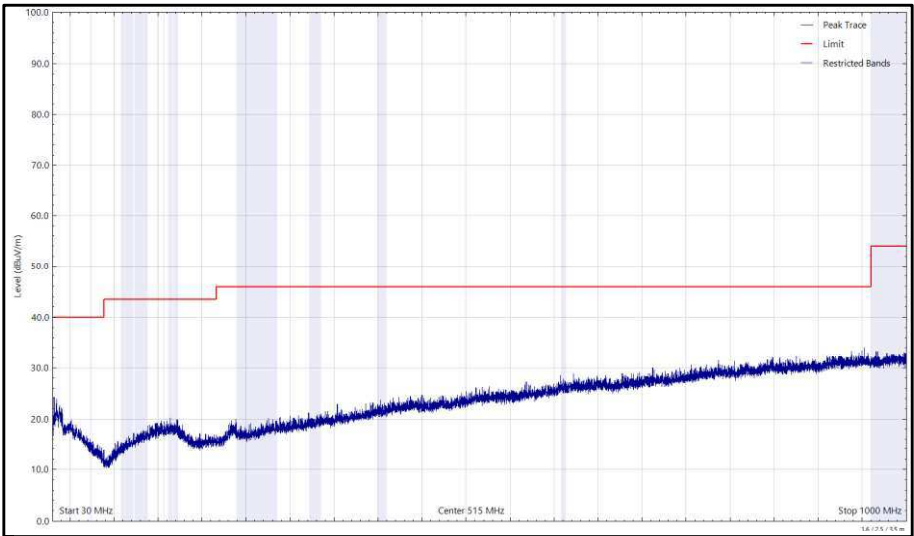


Figure 482 - U-NII-3 - 5825 MHz (CH165), VHT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

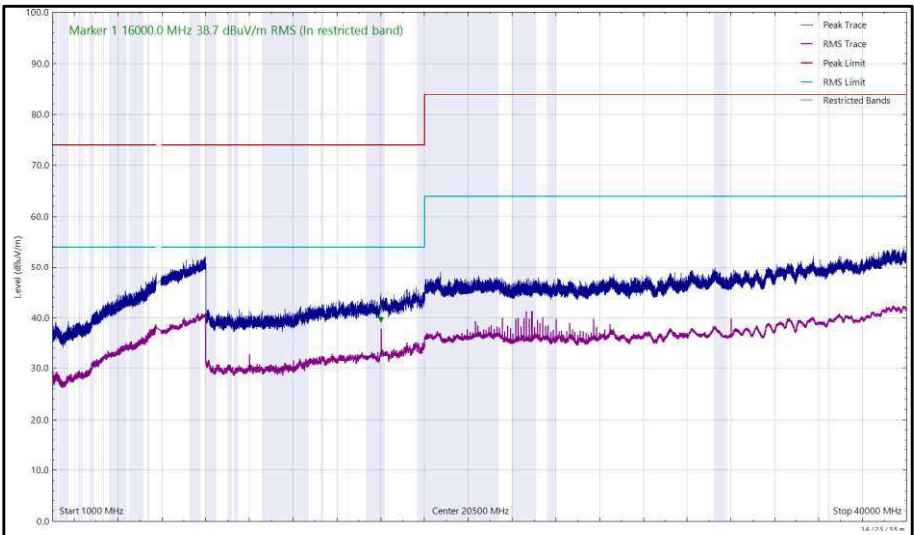
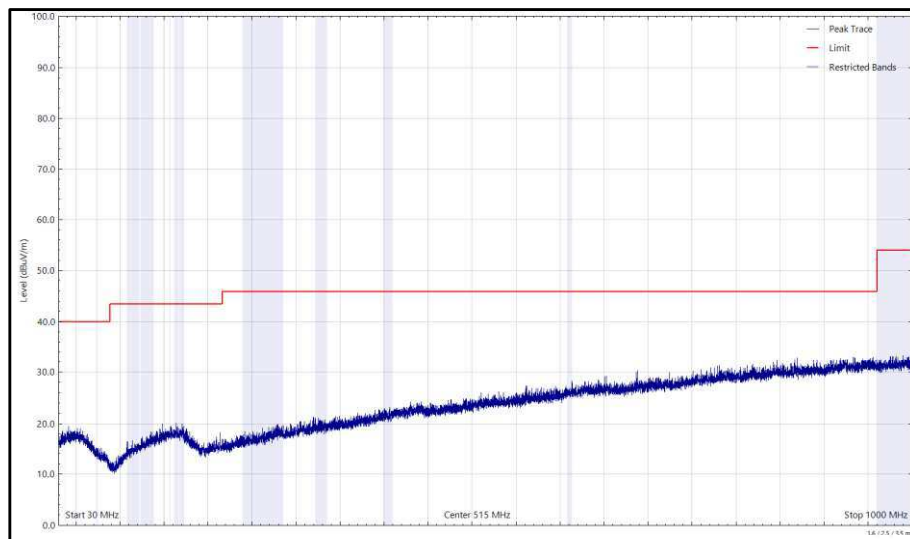


Figure 483 - U-NII-3 - 5825 MHz (CH165), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

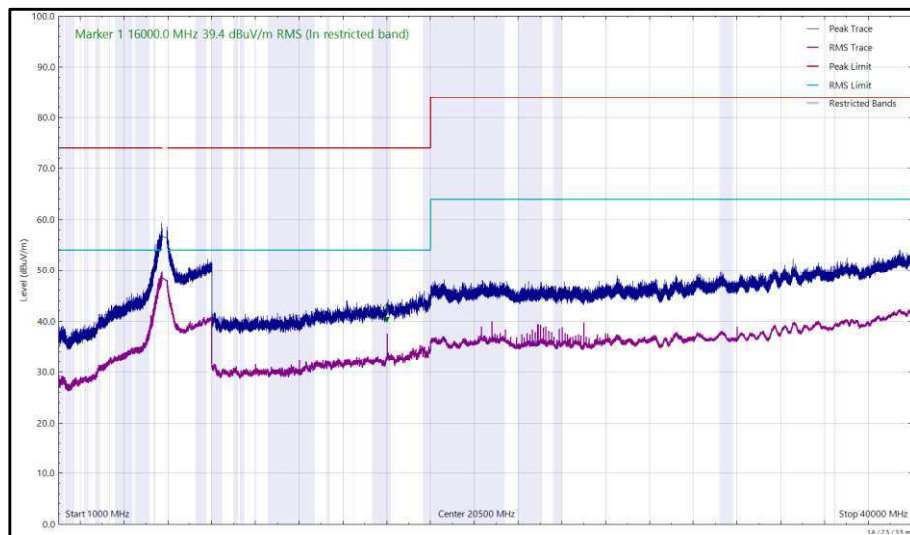
Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
16000.030	39.44	54.00	-14.56	RMS	321	171	Horizontal
16000.105	38.34	54.00	-15.66	RMS	328	157	Vertical

**Table 823 - U-NII-3 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 40 GHz**

No other emissions found within 10 dB of the limit.

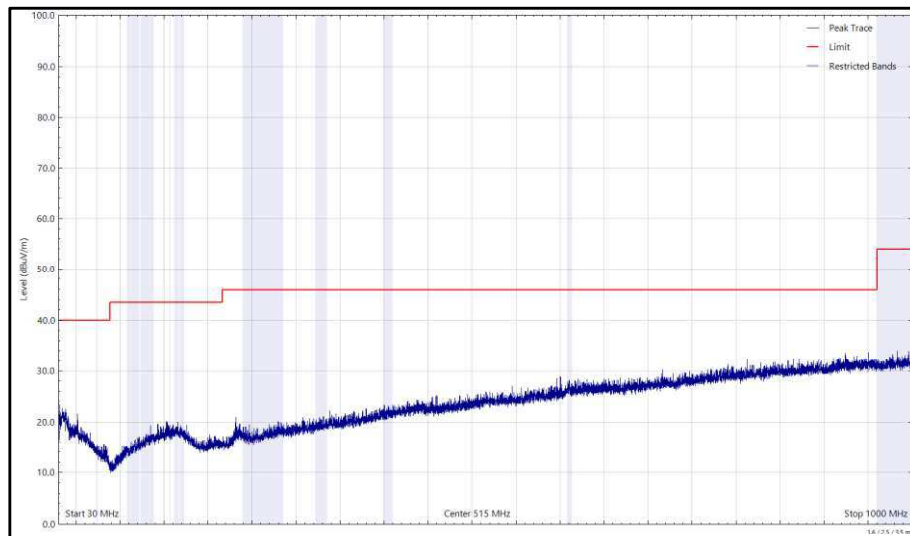


**Figure 484 - U-NII-3 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)**

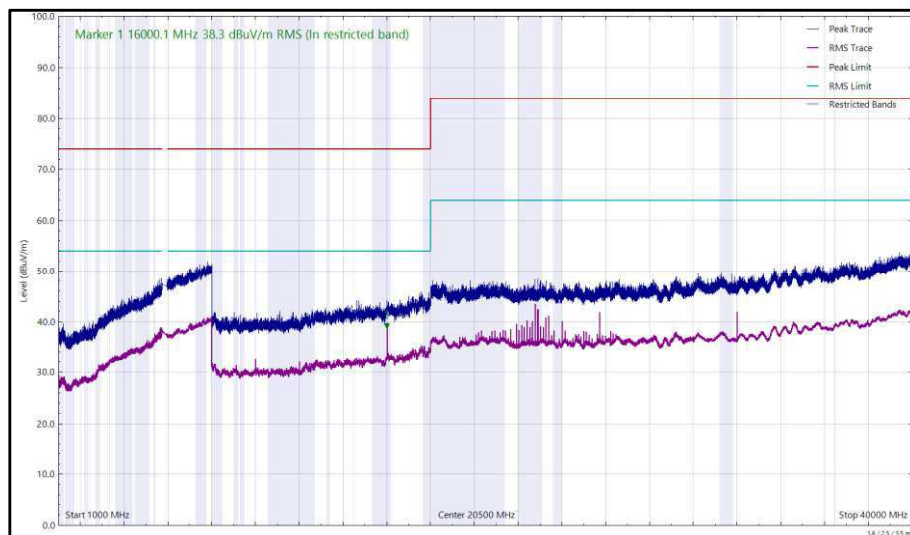


**Figure 485 - U-NII-3 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal**





**Figure 486 - U-NII-3 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)**

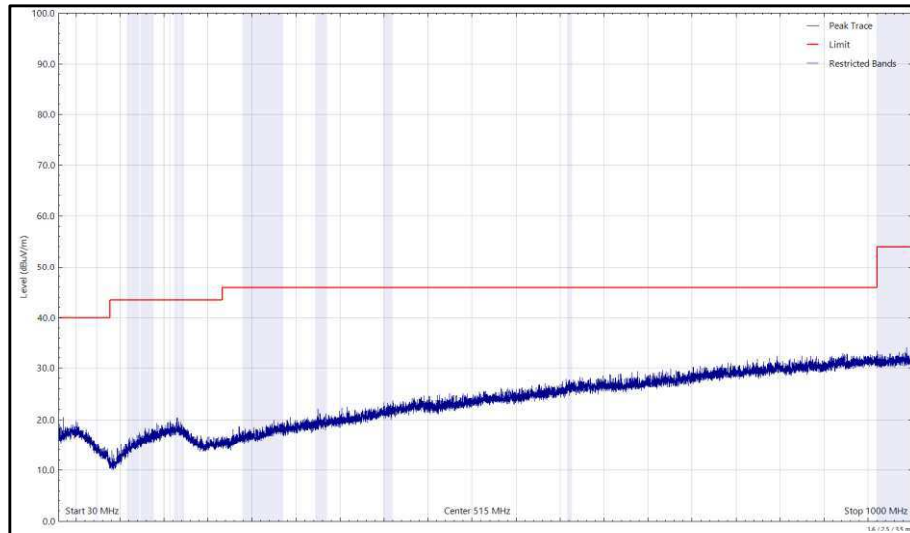


**Figure 487 - U-NII-3 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical**

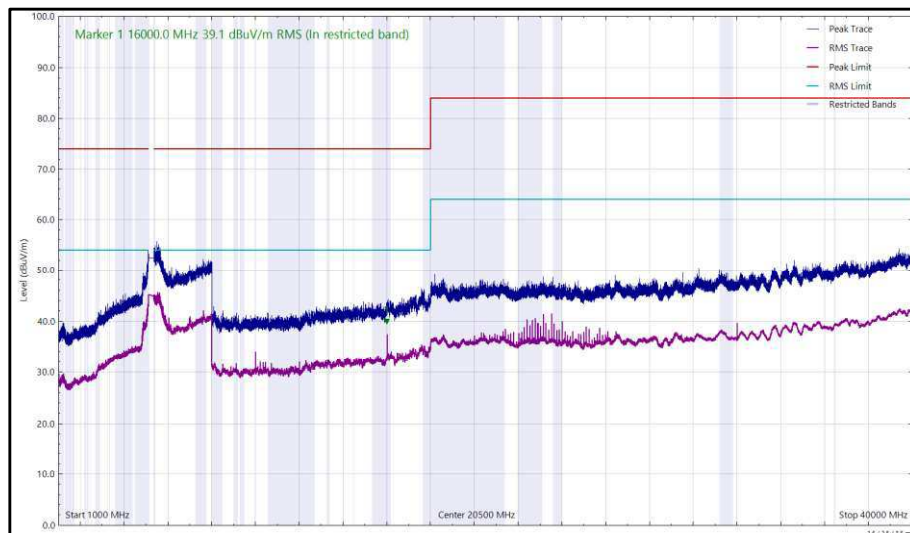
Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
16000.034	38.11	54.00	-15.89	RMS	327	147	Vertical
16000.035	39.14	54.00	-14.86	RMS	322	176	Horizontal

**Table 824 - 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 488 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)**



**Figure 489 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal**



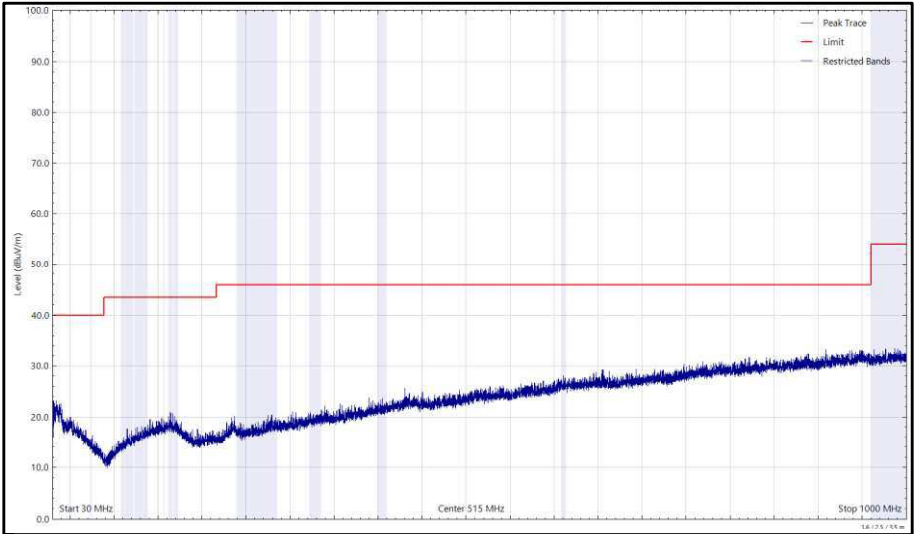


Figure 490 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

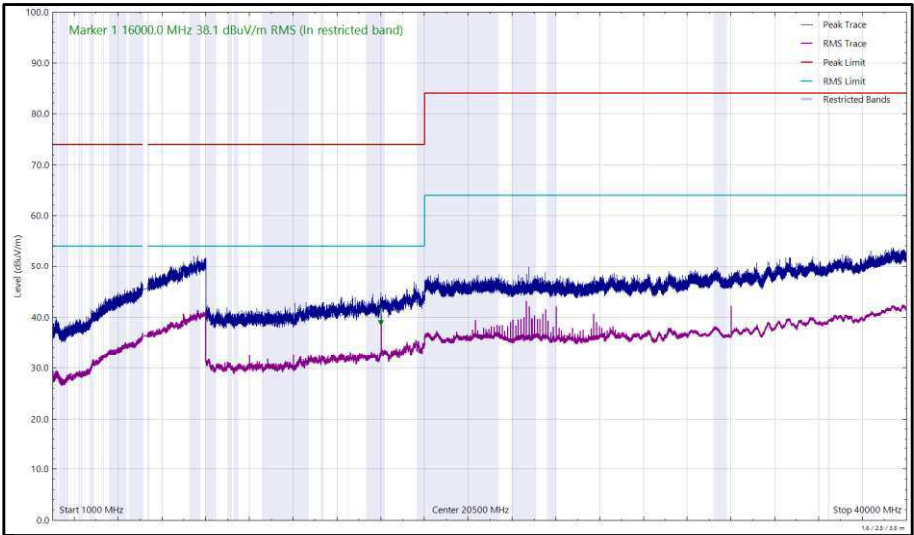


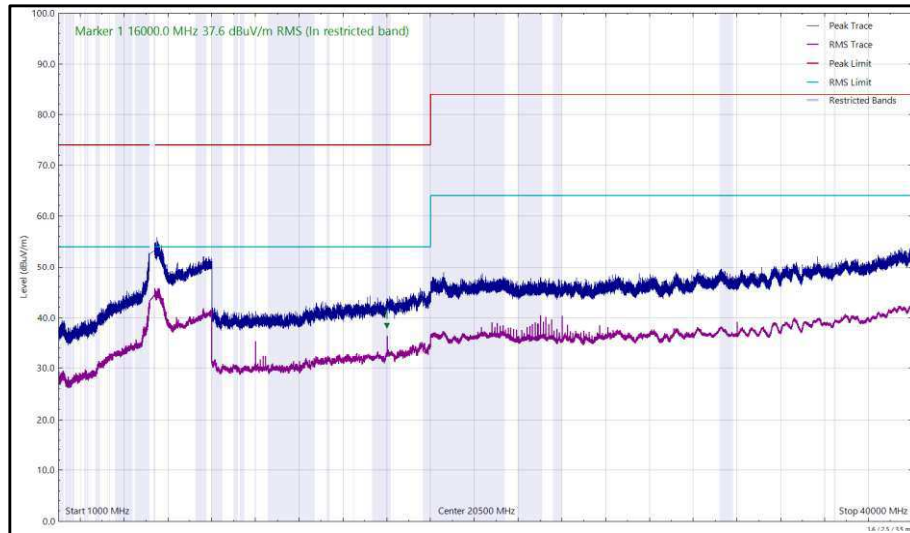
Figure 491 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical



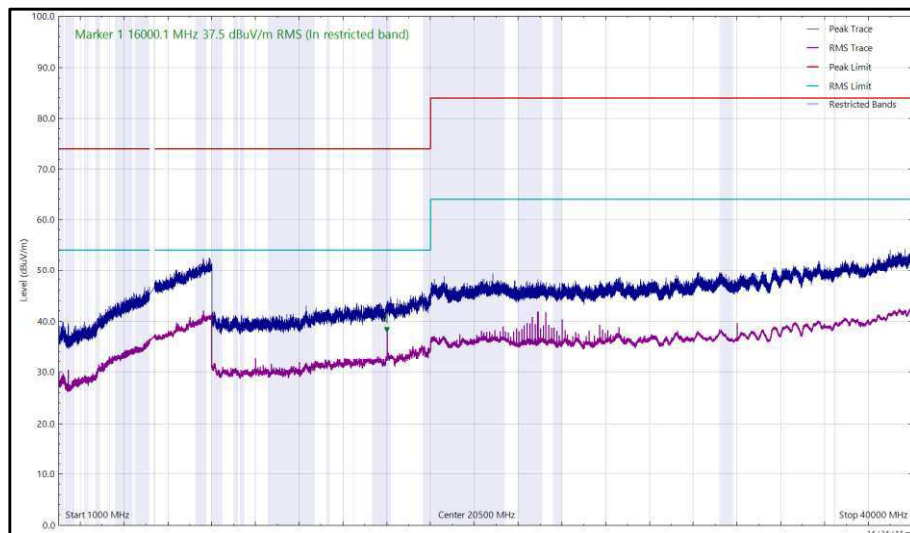
Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
16000.000	37.58	54.00	-16.42	RMS	321	190	Horizontal
16000.060	37.50	54.00	-16.50	RMS	328	210	Vertical

**Table 825 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 0, 1 to 40 GHz**

No other emissions found within 10 dB of the limit.



**Figure 492 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal**

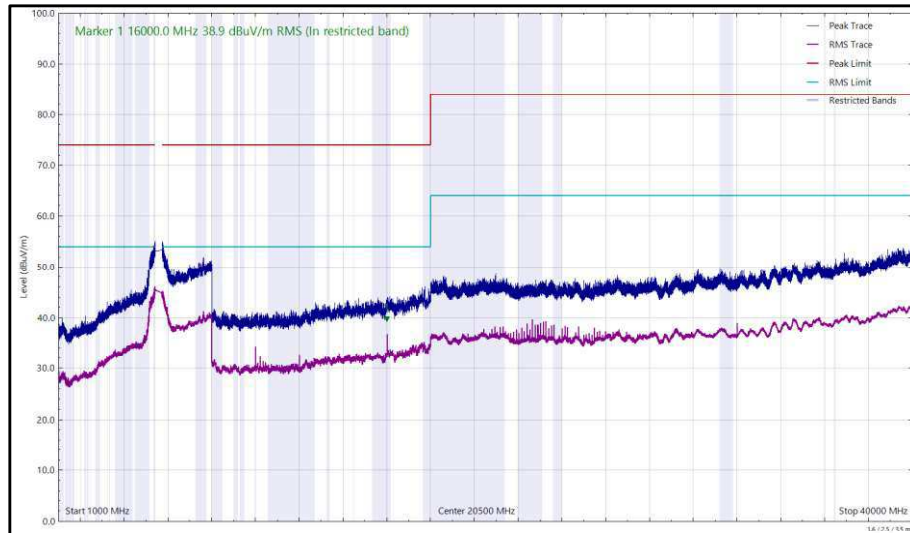


**Figure 493 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical**

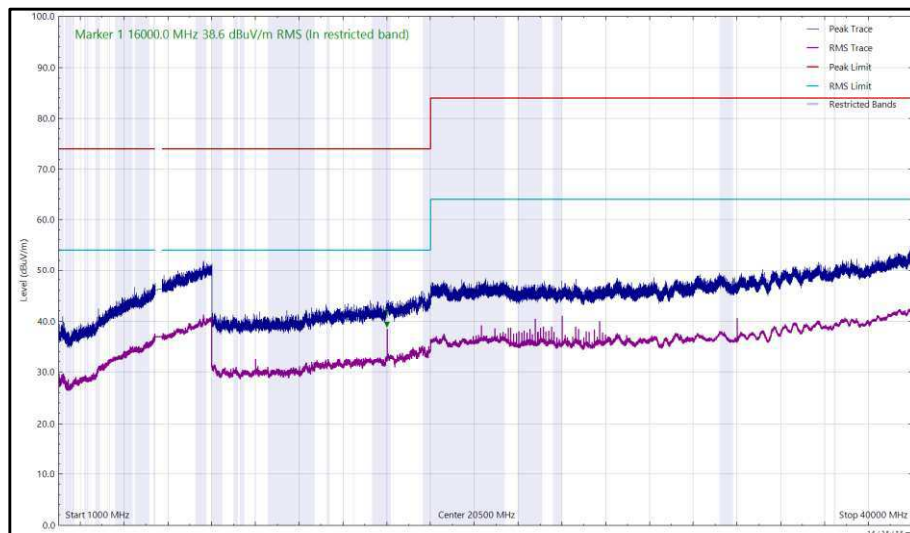
Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
16000.010	38.93	54.00	-15.07	RMS	322	174	Horizontal
16000.040	38.57	54.00	-15.43	RMS	328	151	Vertical

**Table 826 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 0, 1 to 40 GHz**

No other emissions found within 10 dB of the limit.



**Figure 494 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal**

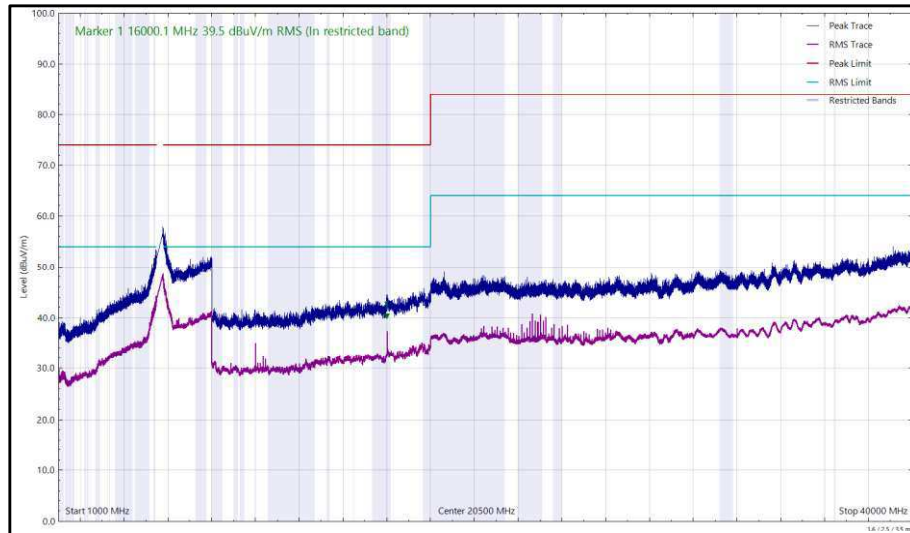


**Figure 495 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical**

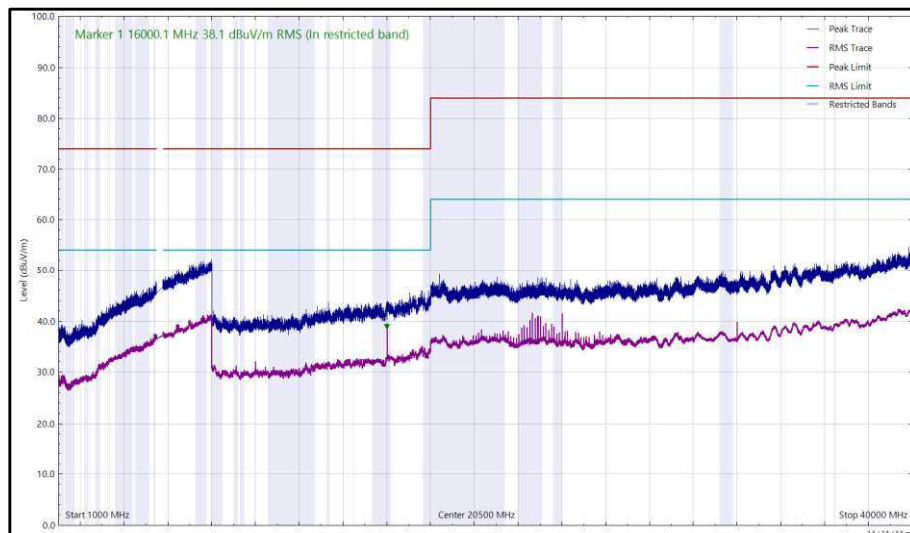
Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
16000.054	39.49	54.00	-14.51	RMS	321	170	Horizontal
16000.102	38.13	54.00	-15.87	RMS	328	146	Vertical

**Table 827 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 to 40 GHz**

No other emissions found within 10 dB of the limit.



**Figure 496 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal**

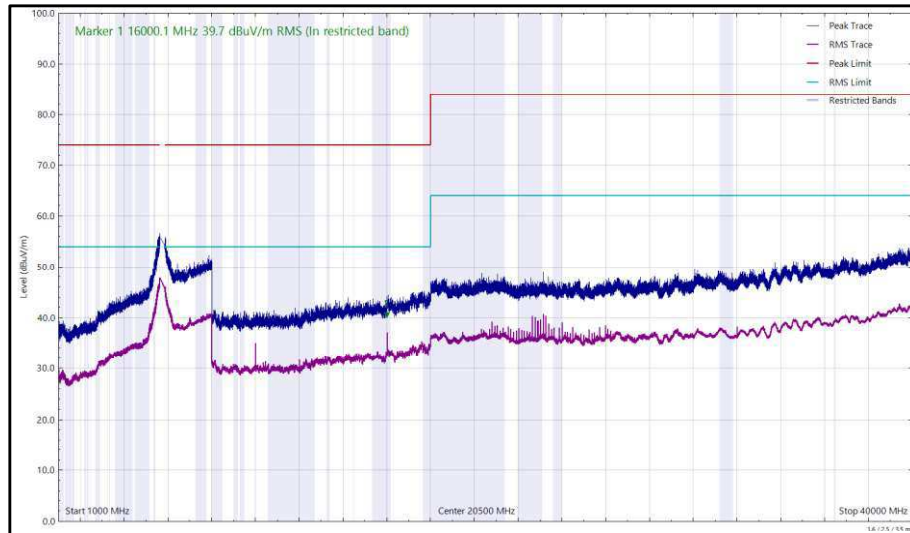


**Figure 497 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical**

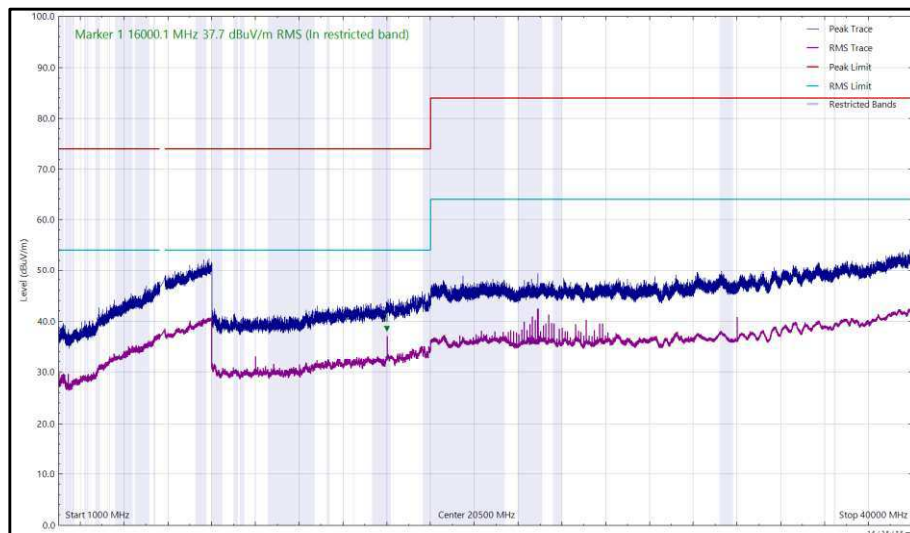
Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
16000.050	39.66	54.00	-14.34	RMS	321	172	Horizontal
16000.060	37.73	54.00	-16.27	RMS	328	162	Vertical

**Table 828 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 0, 1 to 40 GHz**

No other emissions found within 10 dB of the limit.



**Figure 498 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal**



**Figure 499 - 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
15999.990	38.13	54.00	-15.87	RMS	328	159	Vertical
16000.000	39.02	54.00	-14.98	RMS	321	165	Horizontal

Table 829 - 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.

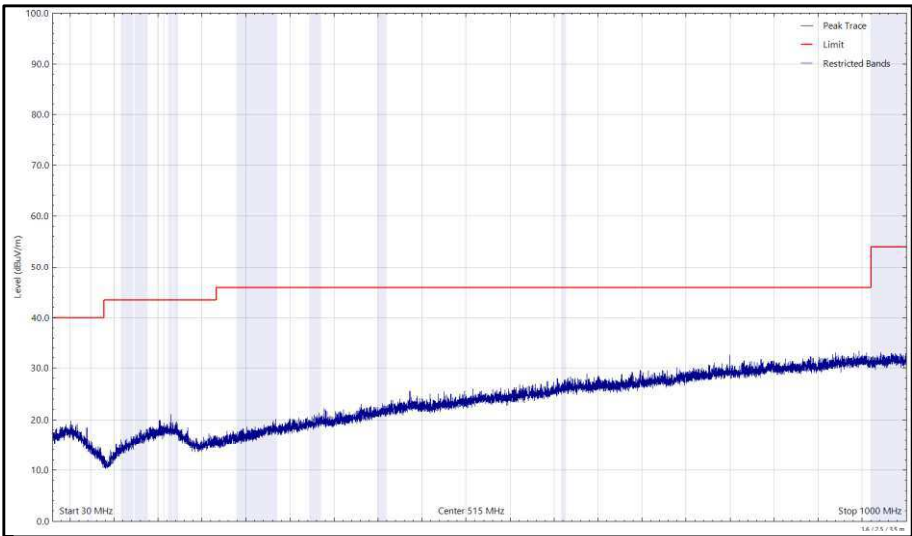


Figure 500 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

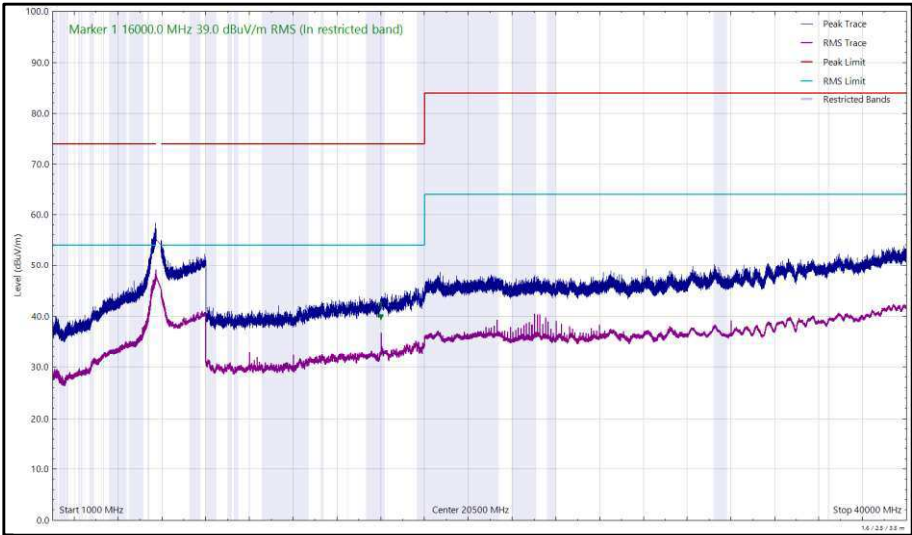


Figure 501 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal



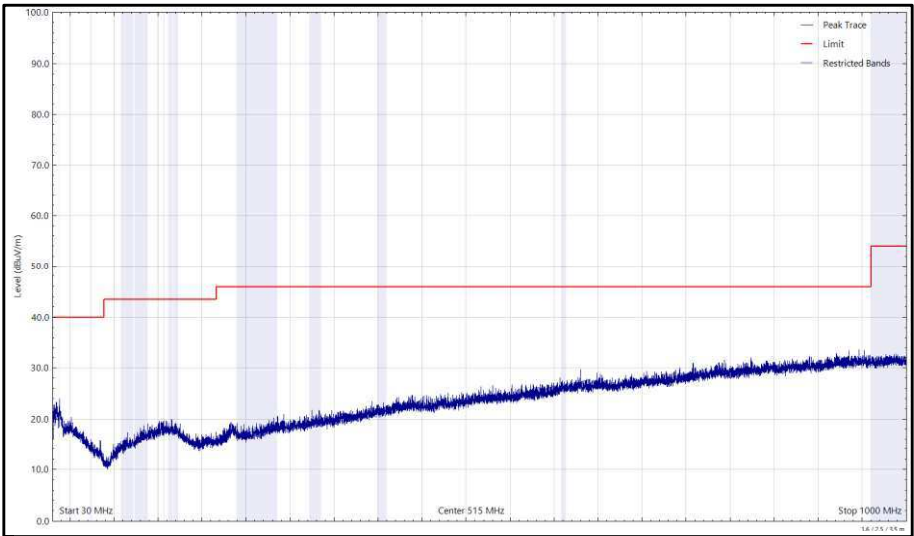


Figure 502 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

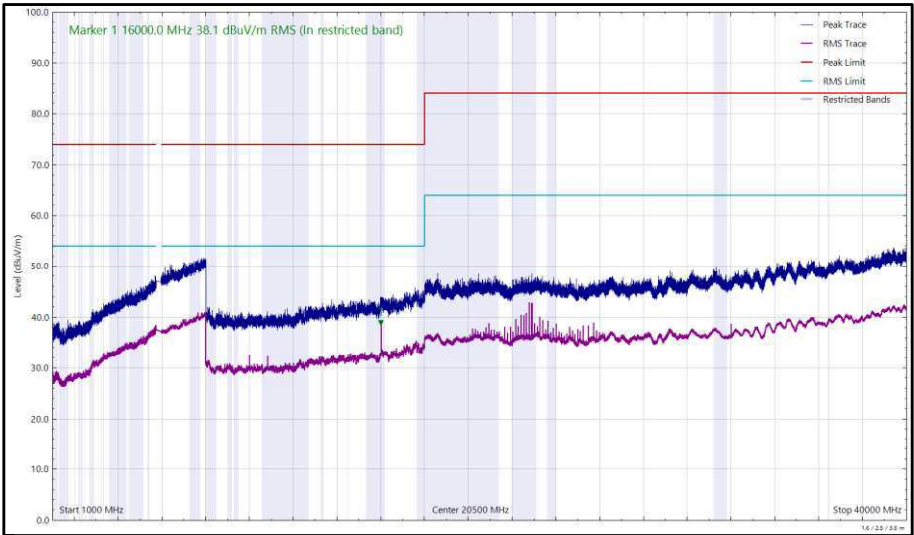


Figure 503 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
15999.970	35.30	54.00	-18.70	RMS	317	160	Vertical
16000.059	38.36	54.00	-15.64	RMS	312	171	Horizontal

Table 830 - 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.

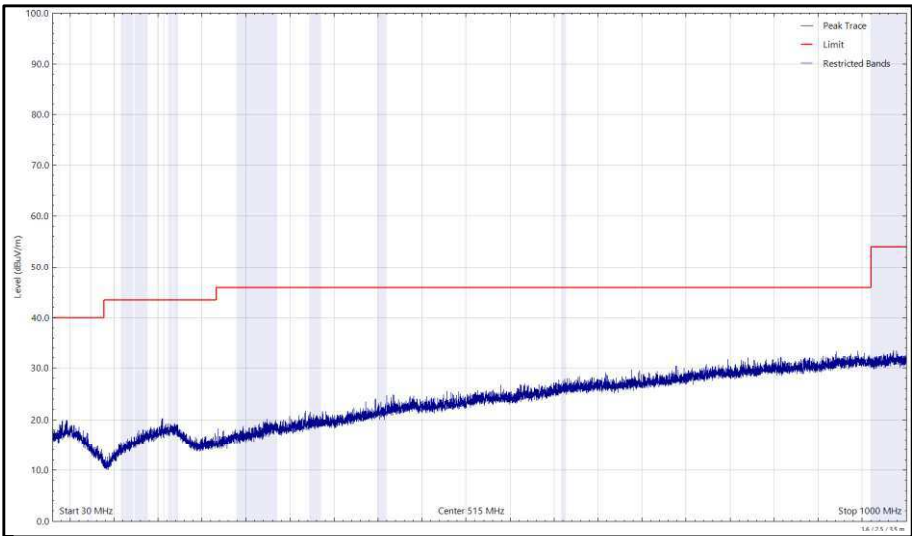


Figure 504 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

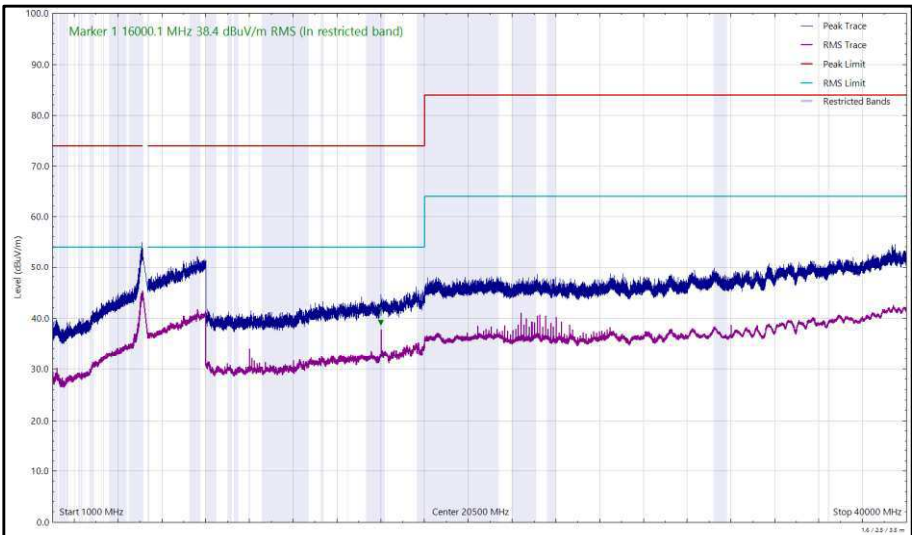


Figure 505 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal



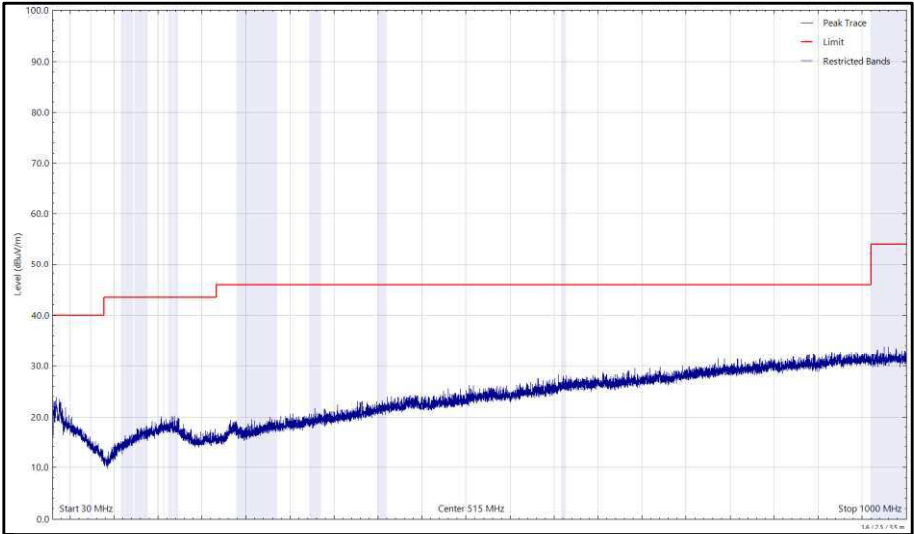


Figure 506 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

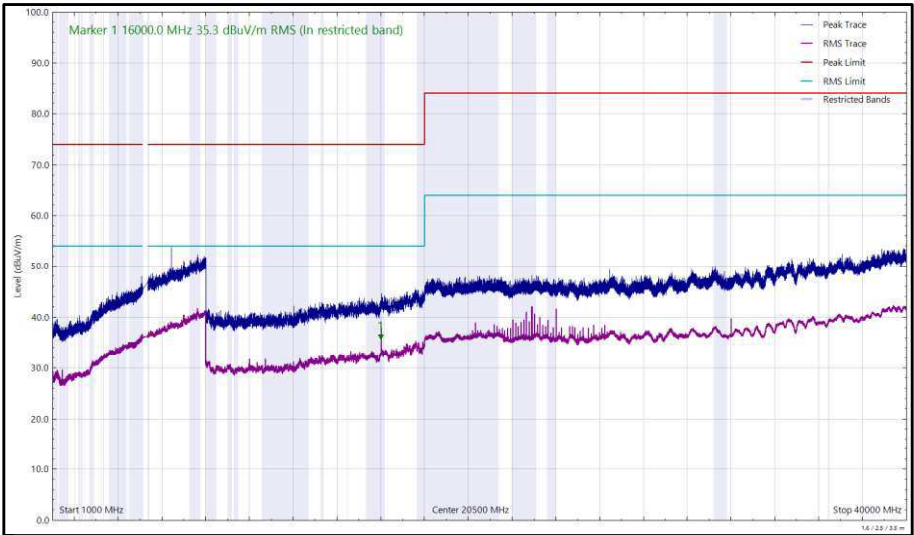
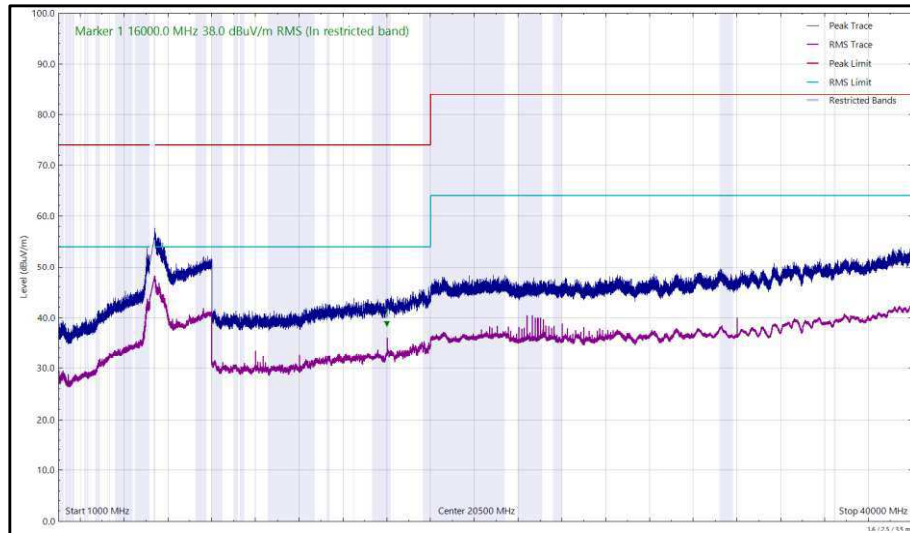


Figure 507 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

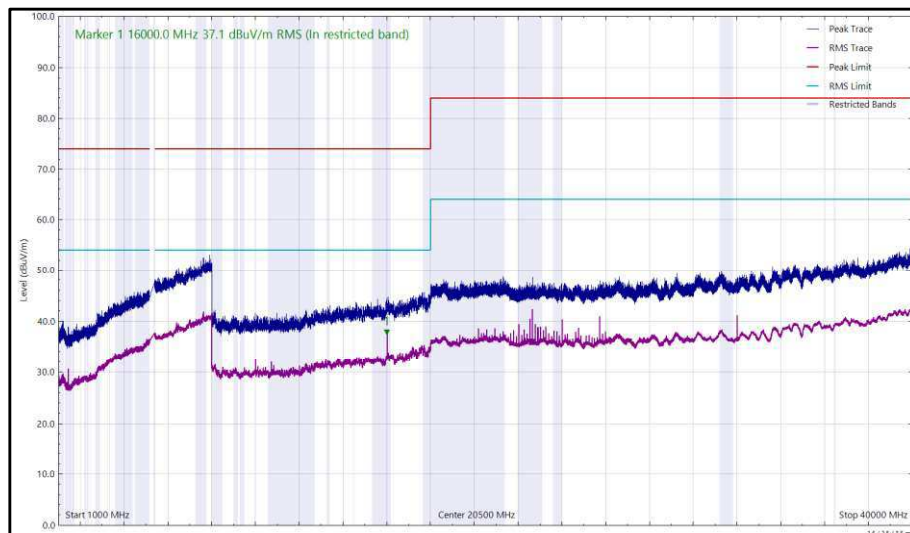
Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
16000.030	37.95	54.00	-16.05	RMS	322	173	Horizontal
16000.045	37.07	54.00	-16.93	RMS	329	152	Vertical

**Table 831 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 to 40 GHz**

No other emissions found within 10 dB of the limit.



**Figure 508 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal**

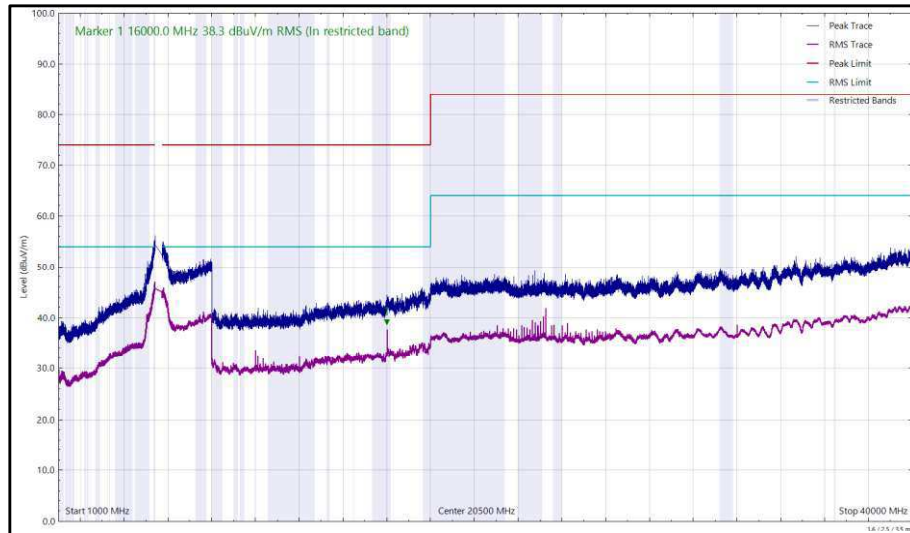


**Figure 509 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical**

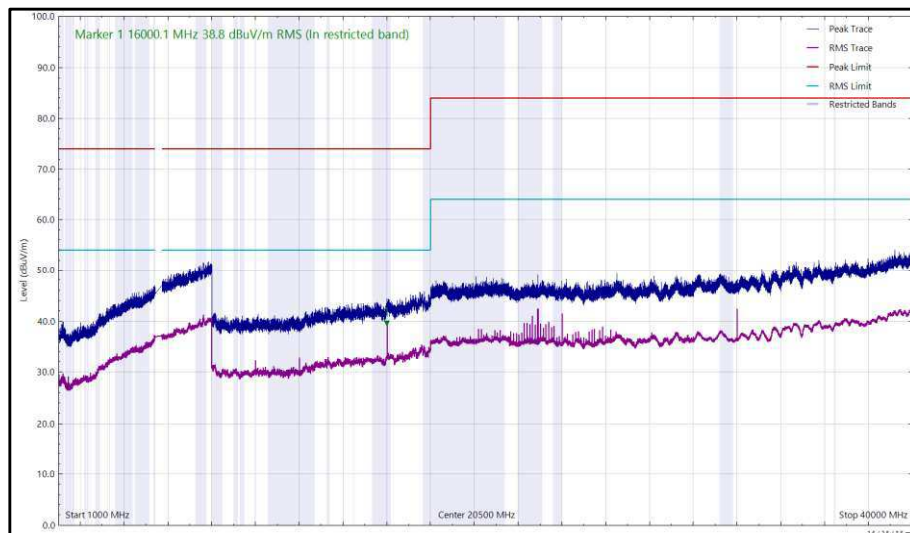
Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
15999.980	38.30	54.00	-15.70	RMS	322	176	Horizontal
16000.060	38.82	54.00	-15.18	RMS	329	252	Vertical

**Table 832 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz**

No other emissions found within 10 dB of the limit.



**Figure 510 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal**

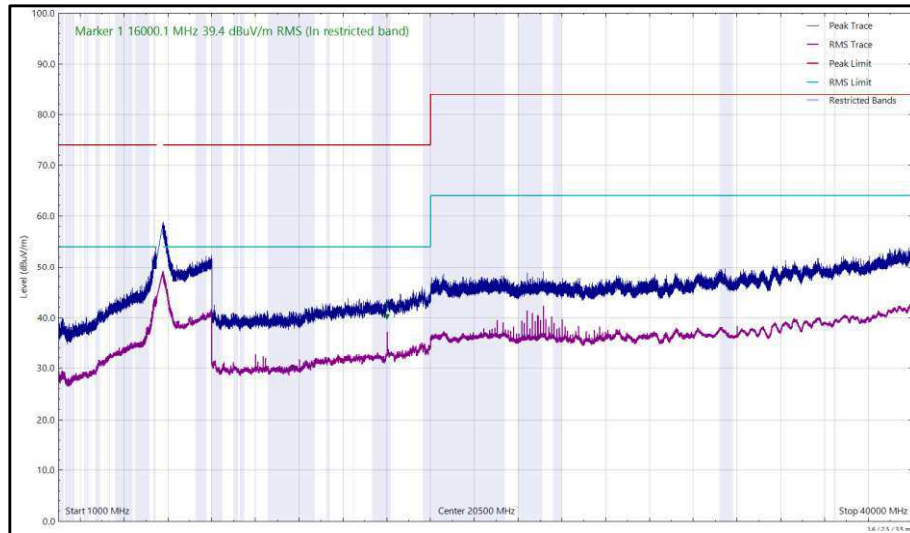


**Figure 511 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical**

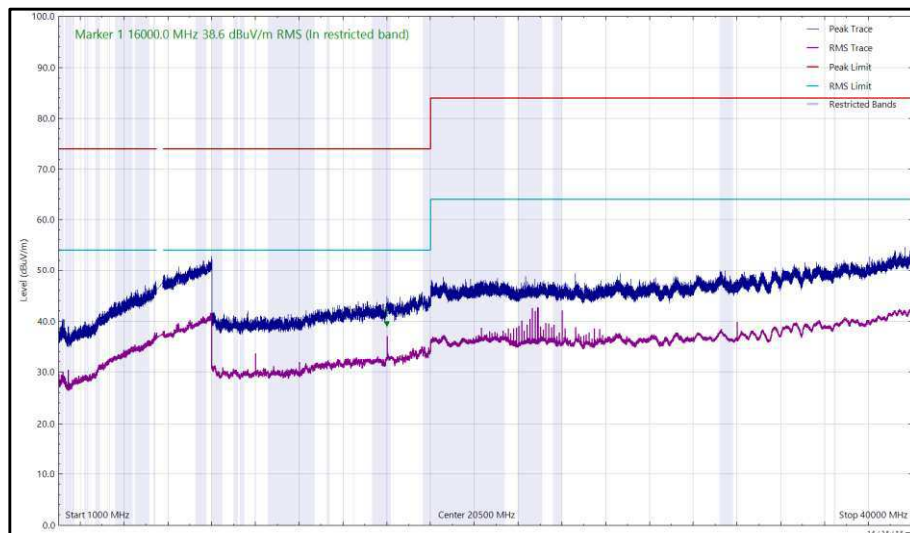
Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
15999.994	38.63	54.00	-15.37	RMS	328	151	Vertical
16000.078	39.36	54.00	-14.64	RMS	321	179	Horizontal

**Table 833 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz**

No other emissions found within 10 dB of the limit.



**Figure 512 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal**

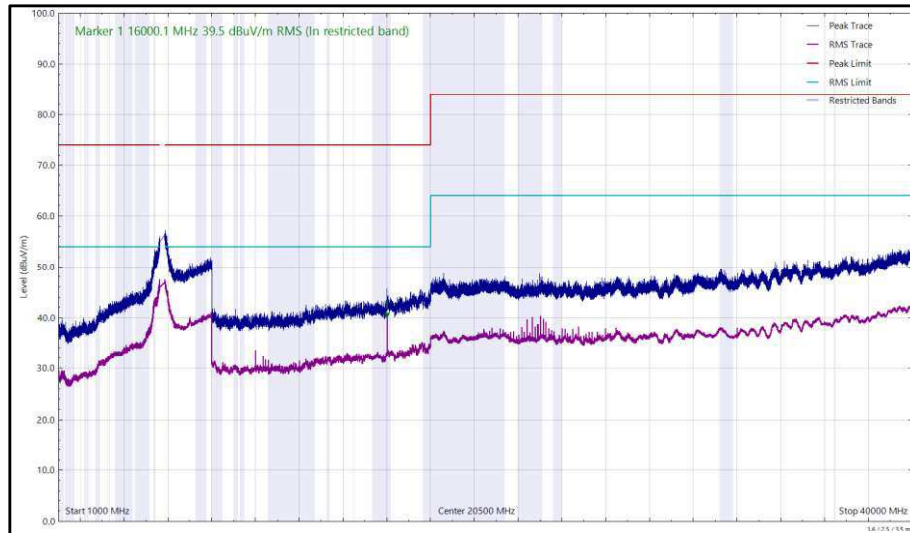


**Figure 513 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical**

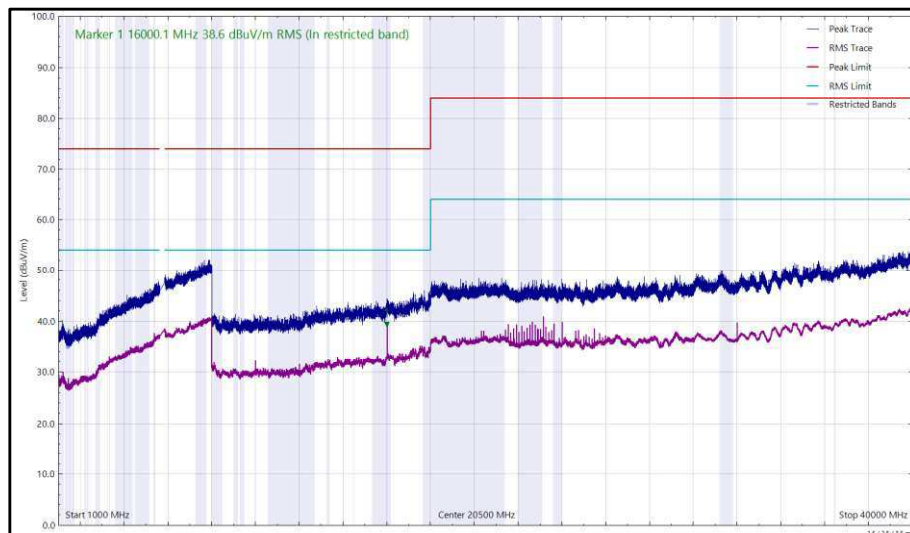
Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
16000.055	39.54	54.00	-14.46	RMS	321	178	Horizontal
16000.065	38.57	54.00	-15.43	RMS	328	150	Vertical

**Table 834 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 1, 1 GHz to 40 GHz**

No other emissions found within 10 dB of the limit.



**Figure 514 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal**



**Figure 515 - 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
15999.975	39.34	54.00	-14.66	RMS	321	179	Horizontal
16000.050	38.79	54.00	-15.21	RMS	329	249	Vertical

Table 835 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

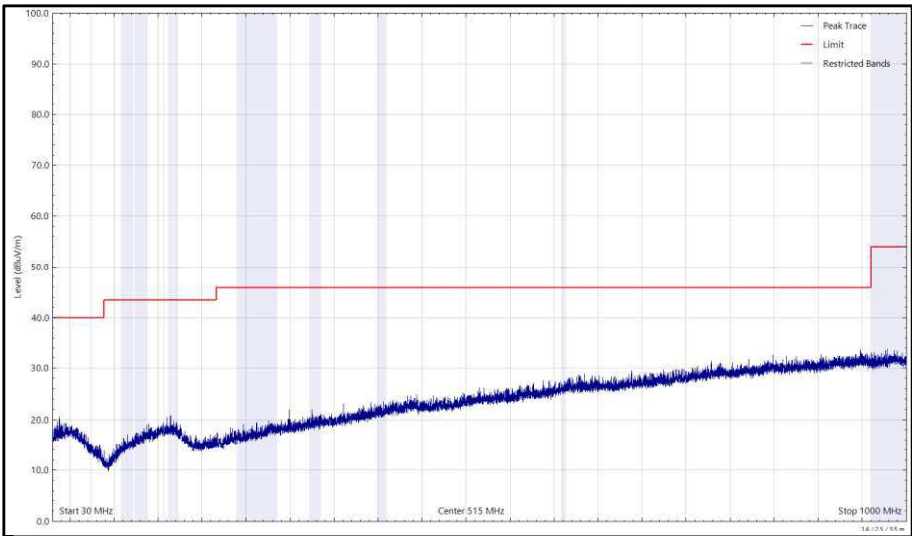


Figure 516 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

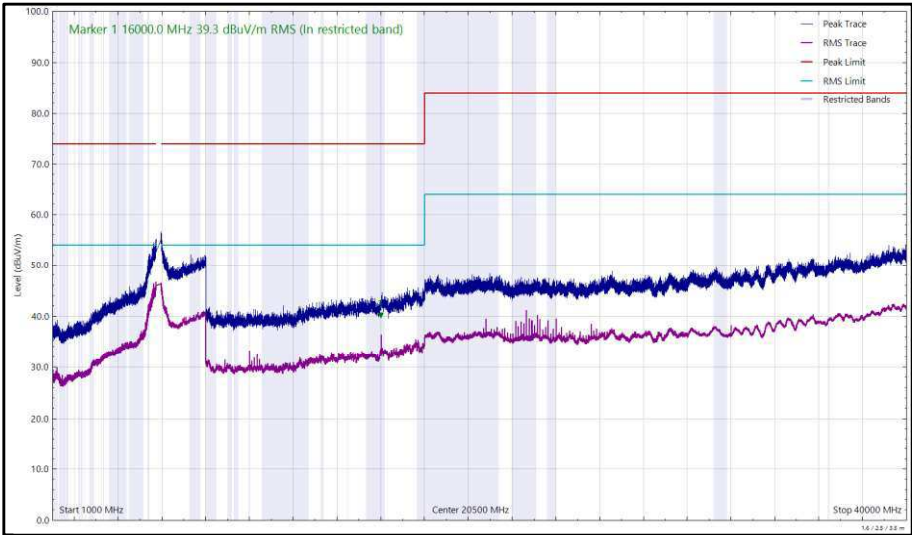


Figure 517 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal



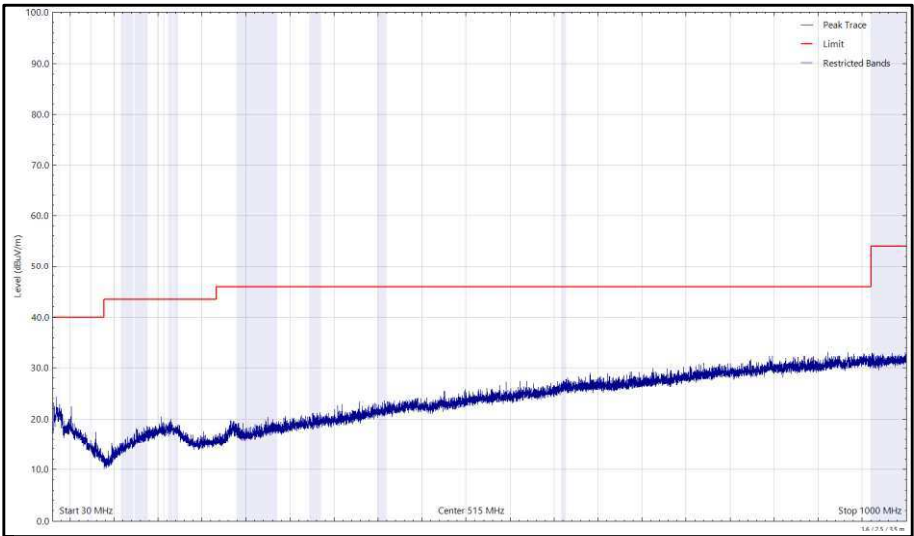


Figure 518 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

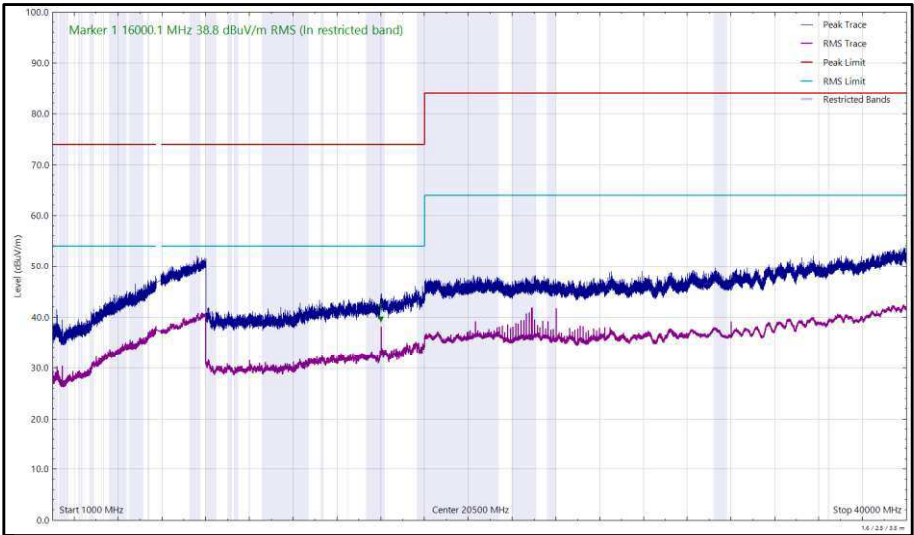
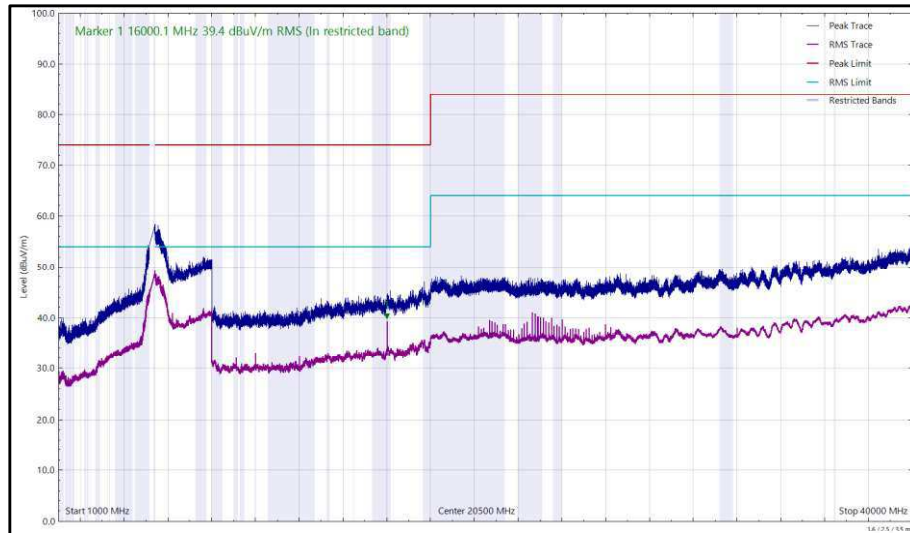


Figure 519 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

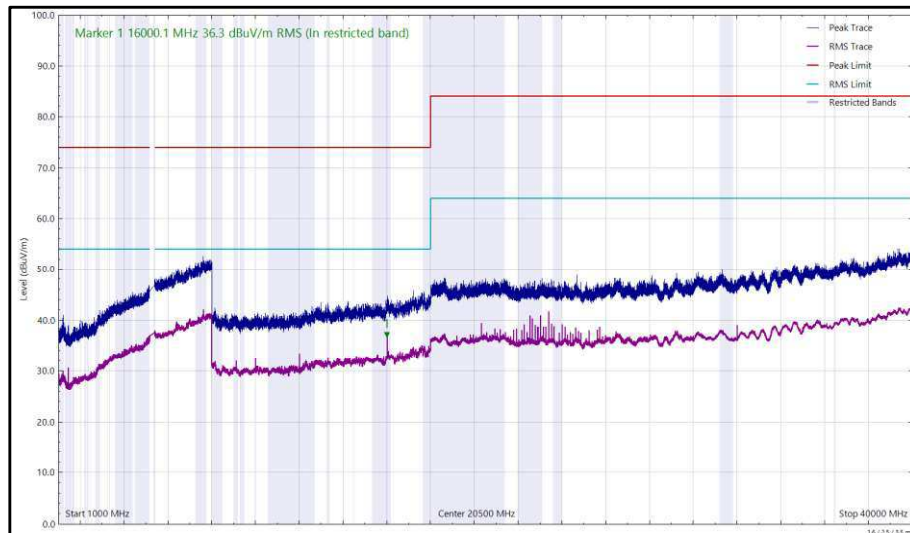
Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
16000.050	39.43	54.00	-14.57	RMS	323	165	Horizontal
16000.080	36.33	54.00	-17.67	RMS	317	113	Vertical

**Table 836 - U-NII-2A - 5320 MHz (CH64), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz**

No other emissions found within 10 dB of the limit.



**Figure 520 - U-NII-2A - 5320 MHz (CH64), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal**



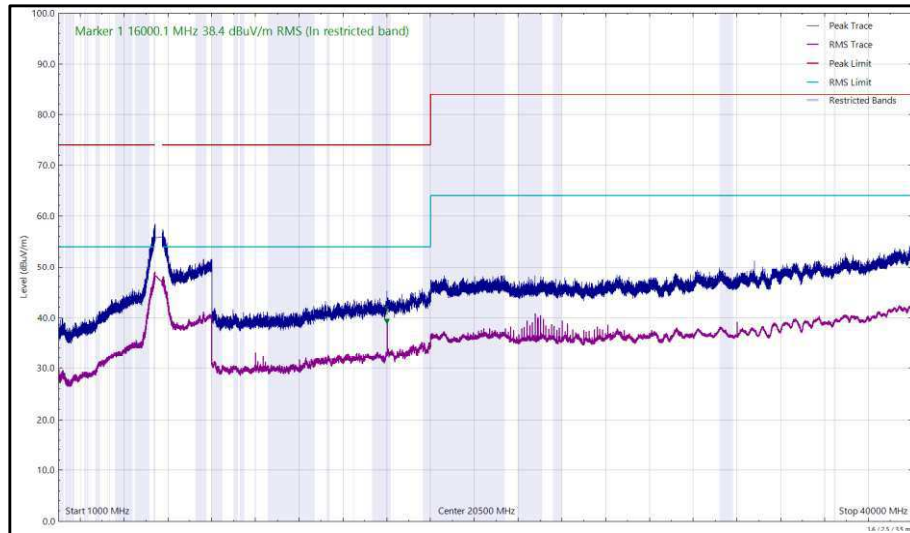
**Figure 521 - U-NII-2A - 5320 MHz (CH64), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical**



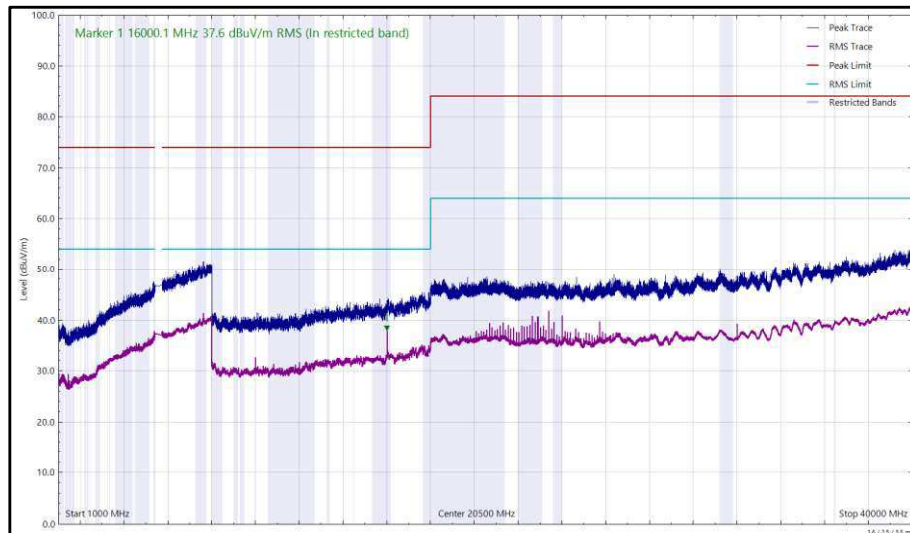
Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
16000.080	37.60	54.00	-16.40	RMS	328	223	Vertical
16000.080	38.41	54.00	-15.59	RMS	322	176	Horizontal

**Table 837 - 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 522 - U-NII-2C - 5500 MHz (CH100), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal**



**Figure 523 - 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
16000.024	38.64	54.00	-15.36	RMS	322	187	Horizontal
16000.066	38.27	54.00	-15.73	RMS	328	160	Vertical

Table 838 - U-NII-2C - 5700 MHz (CH140), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

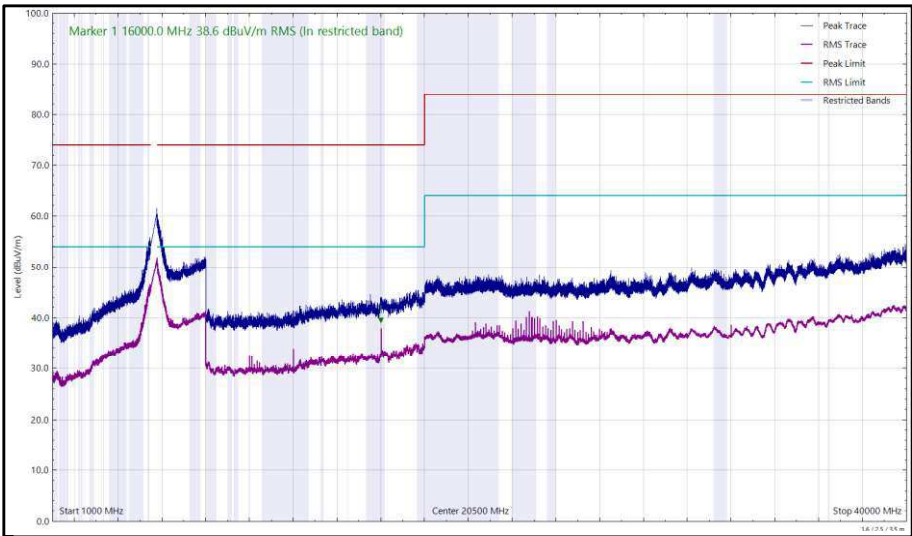


Figure 524 - U-NII-2C - 5700 MHz (CH140), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

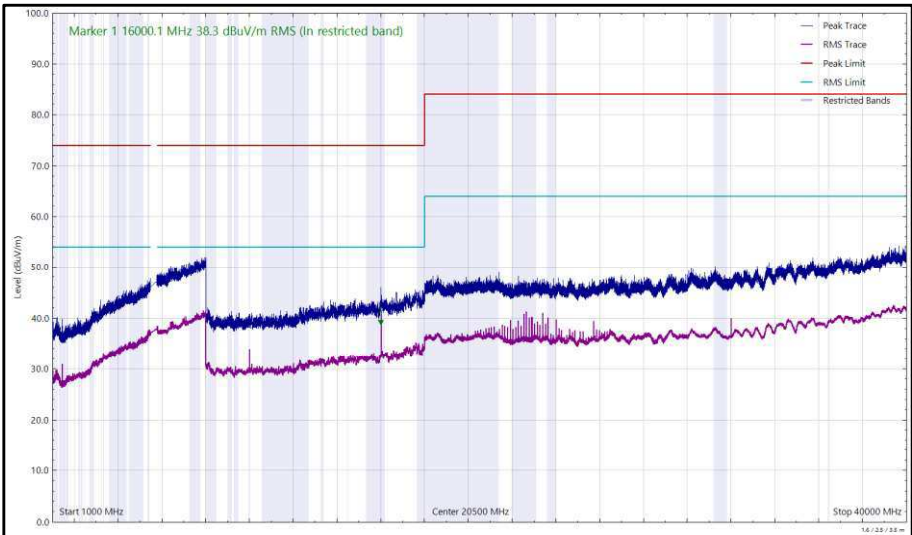
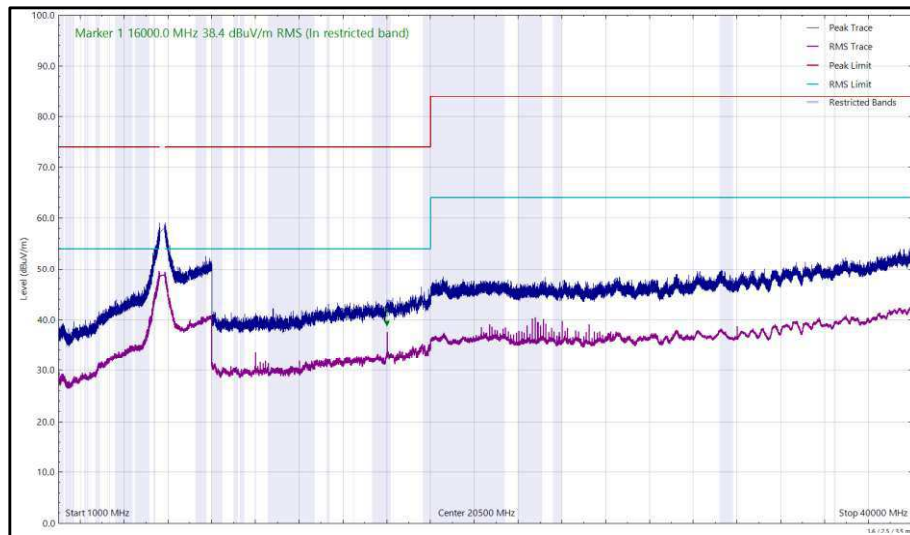


Figure 525 - U-NII-2C - 5700 MHz (CH140), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

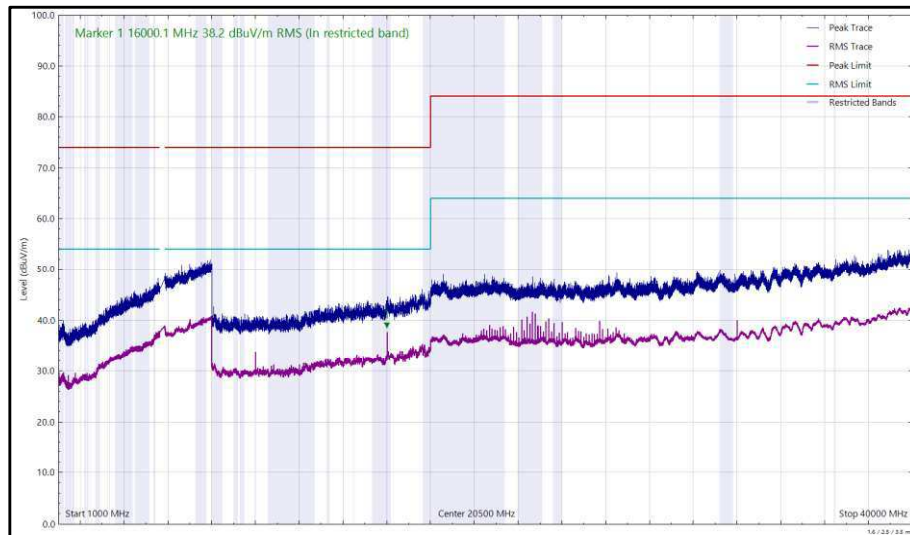
Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
16000.040	38.42	54.00	-15.58	RMS	312	172	Horizontal
16000.080	38.18	54.00	-15.82	RMS	328	161	Vertical

**Table 839 - U-NII-3 - 5745 MHz (CH149), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz**

No other emissions found within 10 dB of the limit.



**Figure 526 - U-NII-3 - 5745 MHz (CH149), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal**

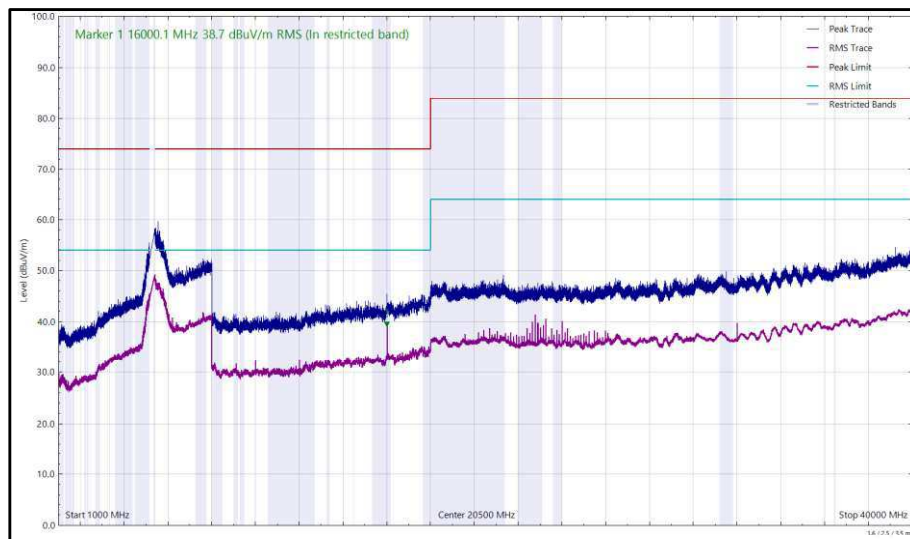


**Figure 527 - U-NII-3 - 5745 MHz (CH149), VHT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical**

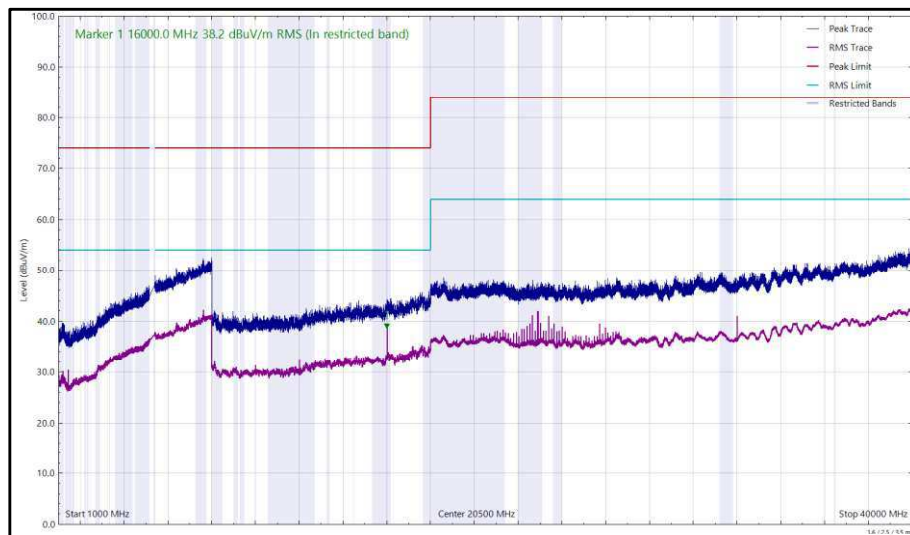
Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
16000.045	38.19	54.00	-15.81	RMS	328	161	Vertical
16000.065	38.72	54.00	-15.28	RMS	312	185	Horizontal

**Table 840 - U-NII-2A - 5320 MHz (CH64), HE20, RU52-37, CDD, Core 0 + Core 1,  
1 GHz to 40 GHz**

No other emissions found within 10 dB of the limit.



**Figure 528 - U-NII-2A - 5320 MHz (CH64), HE20, RU52-37, CDD, Core 0 + Core 1,  
1 GHz to 40 GHz, Horizontal**

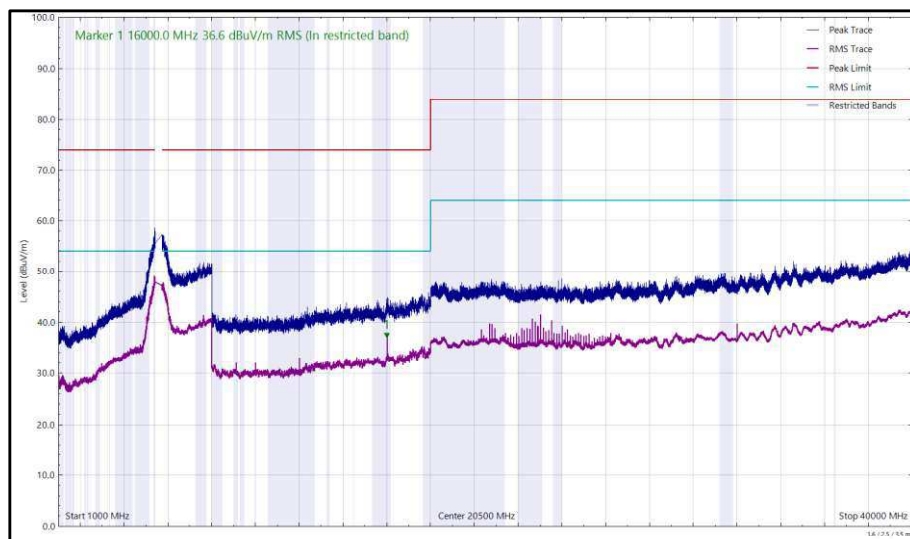


**Figure 529 - U-NII-2A - 5320 MHz (CH64), HE20, RU52-37, CDD, Core 0 + Core 1,  
1 GHz to 40 GHz, Vertical**

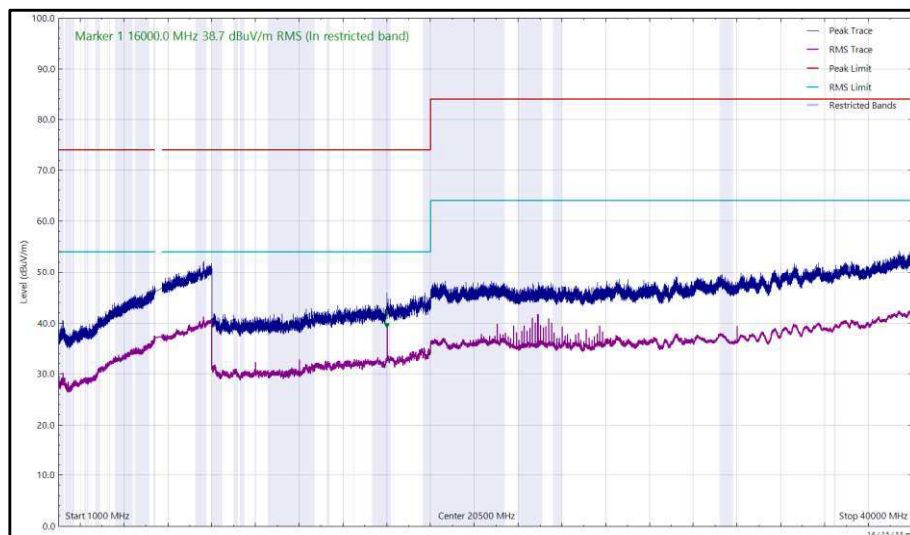
Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
16000.000	38.71	54.00	-15.29	RMS	329	248	Vertical
16000.030	36.57	54.00	-17.43	RMS	310	155	Horizontal

**Table 841 - 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 530 - U-NII-2C - 5500 MHz (CH100), HE20, RU52-37, CDD, Core 0 + Core 1,  
1 GHz to 40 GHz, Horizontal**



**Figure 531 - U-NII-2C - 5500 MHz (CH100), HE20, RU52-37, CDD, Core 0 + Core 1,  
1 GHz to 40 GHz, Vertical**