TUV SUD Limited Digitally signed by TUV SUD Limited Date: 2024.09.27 08:51:38 +01'00'

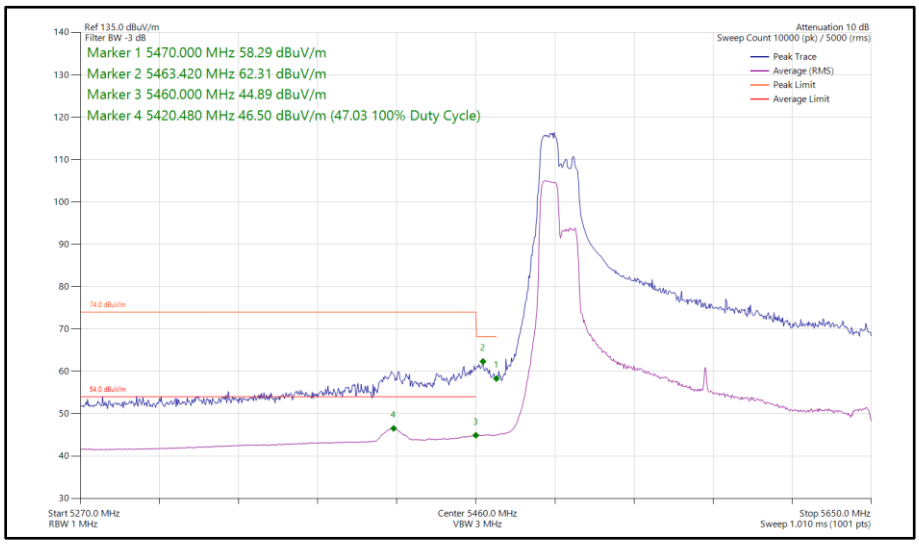

Figure 651 - 802.11ax HE160, RU 106-53P, SISO, Core 0 - 5570 MHz Band Edge Frequency 5470 MHz

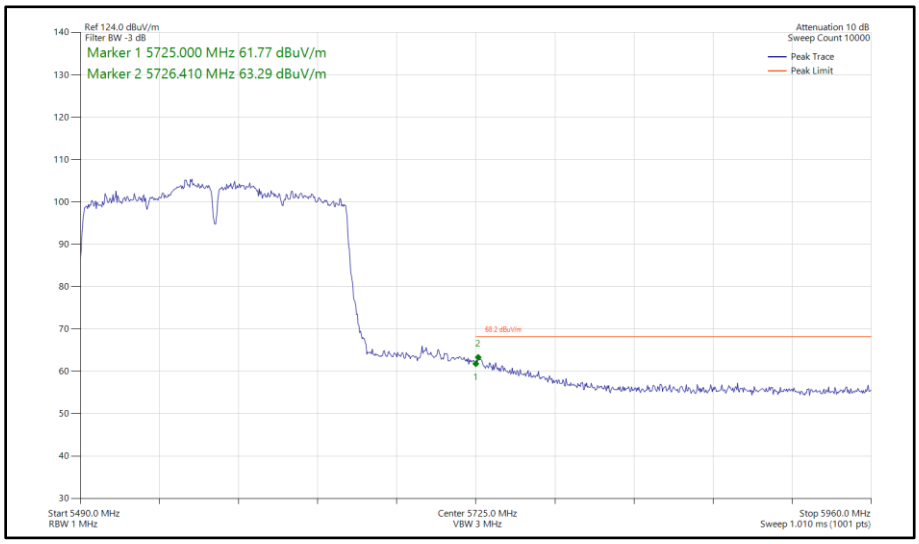

Figure 652 - 802.11ac VHT160, SISO, Core 0 - 5570 MHz Band Edge Frequency 5725 MHz

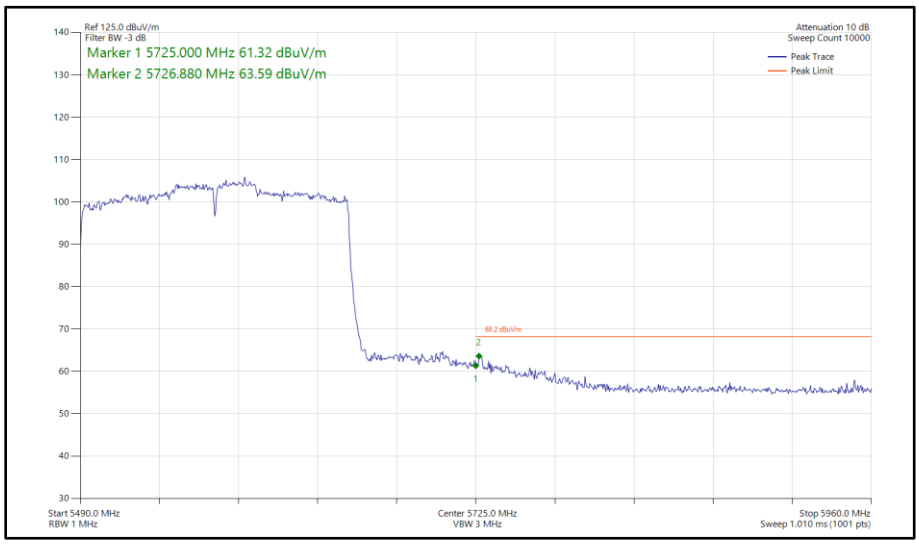

Figure 653 - 802.11ax HE160, SU, SISO, Core 0 - 5570 MHz Band Edge Frequency 5725 MHz

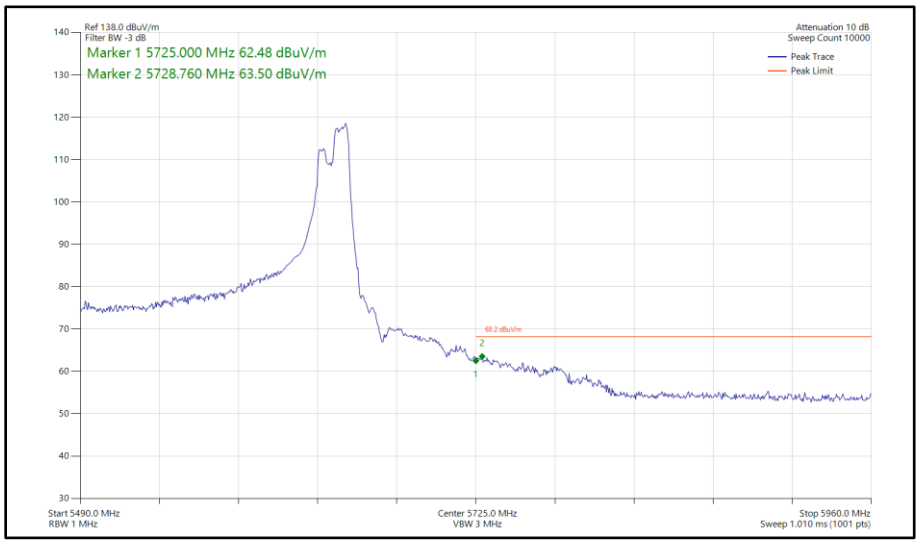

Figure 654 - 802.11ax HE160, RU 106-60S, SISO, Core 0 - 5570 MHz Band Edge Frequency 5725 MHz

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	MCS 7x1	-	-	5570	5470	63.11
802.11ax HE160	MCS 11x1	SU	-	5570	5470	63.63
802.11ax HE160	MCS 11x1	52	37P	5570	5470	63.46
802.11ac VHT160	MCS 8x1	-	-	5570	5725	63.59
802.11ax HE160	MCS 4x1	SU	-	5570	5725	63.63
802.11ax HE160	MCS 11x1	52	37P	5570	5725	63.58

Table 728 - SISO Authorised Band Edge Results

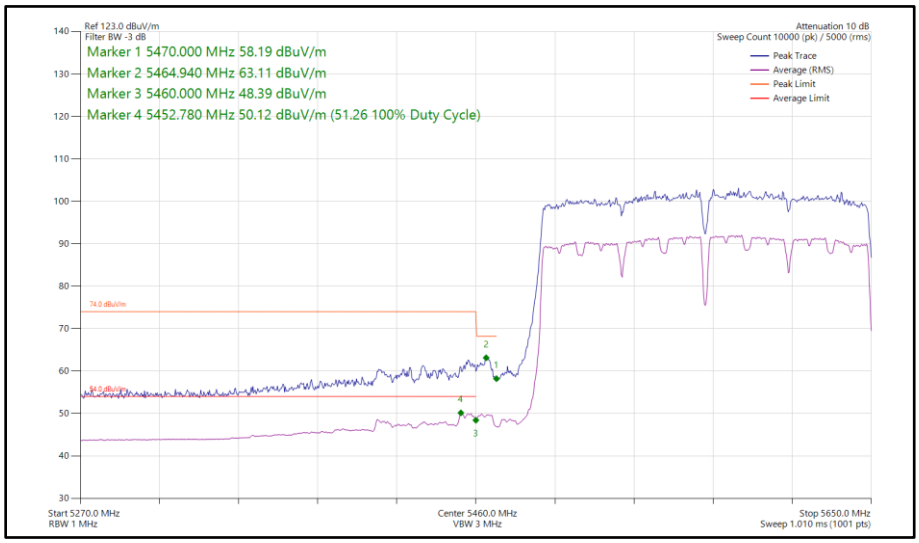

Figure 655 - 802.11ac VHT160, SISO, Core 1 - 5570 MHz Band Edge Frequency 5470 MHz

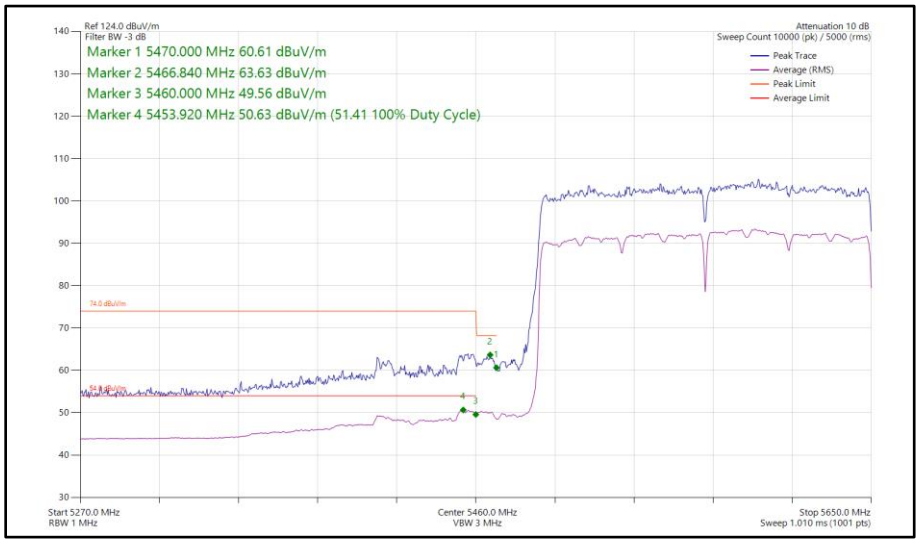

Figure 656 - 802.11ax HE160, SU, SISO, Core 1 - 5570 MHz Band Edge Frequency 5470 MHz

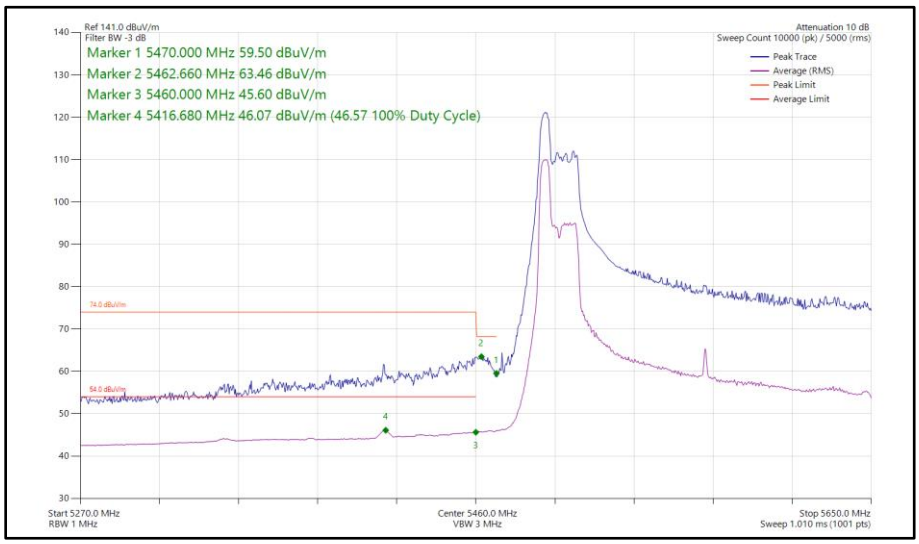

Figure 657 - 802.11ax HE160, RU 52-37P, SISO, Core 1 - 5570 MHz Band Edge Frequency 5470 MHz

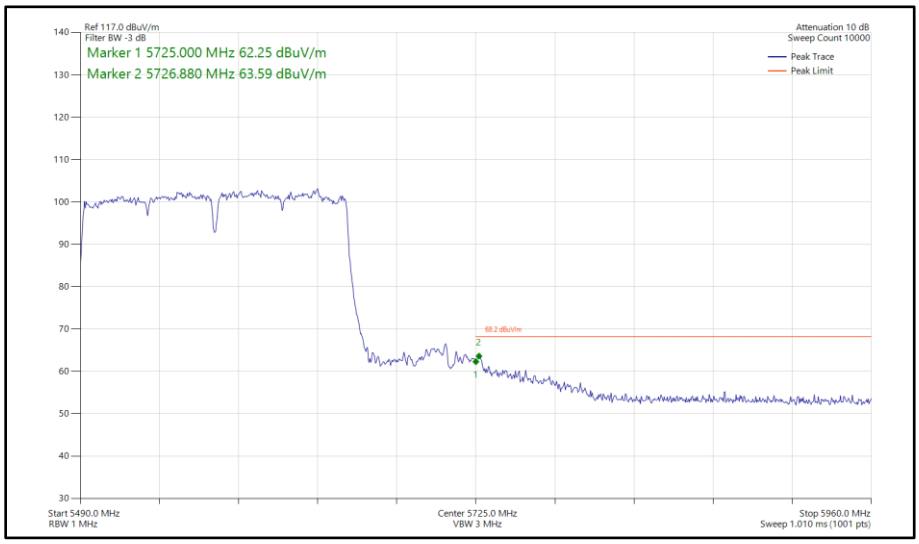

Figure 658 - 802.11ac VHT160, SISO, Core 1 - 5570 MHz Band Edge Frequency 5725 MHz

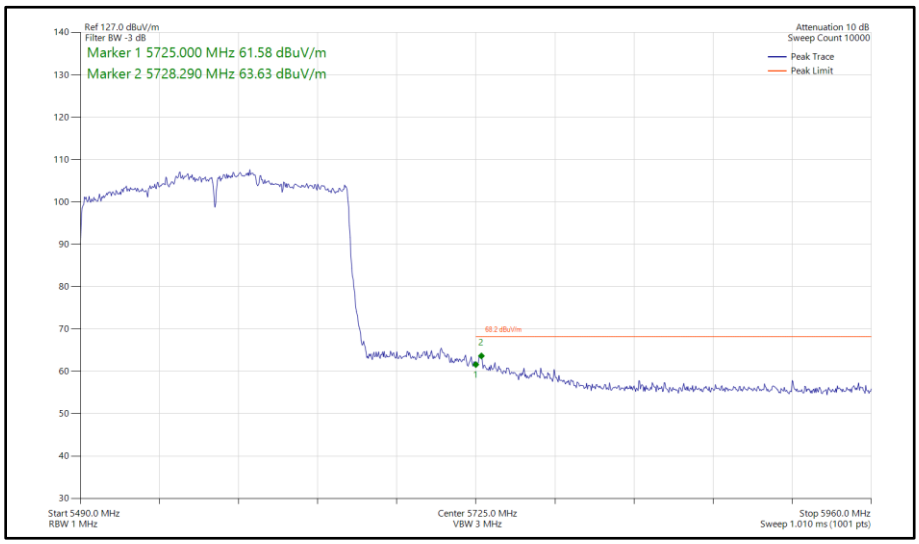

Figure 659 - 802.11ax HE160, SU, SISO, Core 1 - 5570 MHz Band Edge Frequency 5725 MHz

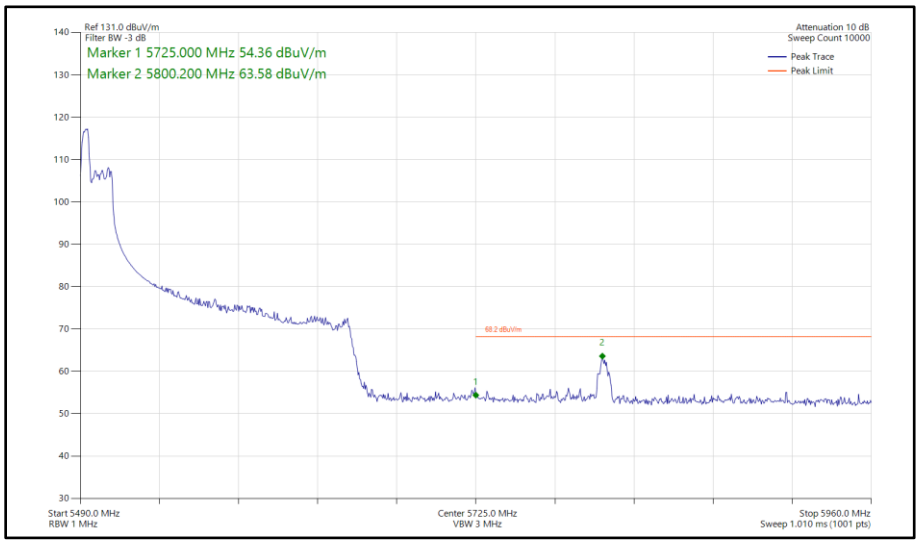

Figure 660 - 802.11ax HE160, RU 52-37P, SISO, Core 1 - 5570 MHz Band Edge Frequency 5725 MHz

160 MHz Bandwidth - Core 0 - Core 1 (CDD)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)
802.11ac VHT160	MCS 8x1	-	-	5570	5470	62.71
802.11ax HE160	MCS 2x1	SU	-	5570	5470	63.47
802.11ax HE160	MCSMCS 11x1	52	52S	5570	5470	57.36
802.11ac VHT160	MCS 2x1	-	-	5570	5725	63.49
802.11ax HE160	MCS 2x1	SU	-	5570	5725	63.70
802.11ax HE160	MCS 11x1	106	60S	5570	5725	63.63

Table 729 - CDD Authorised Band Edge Results

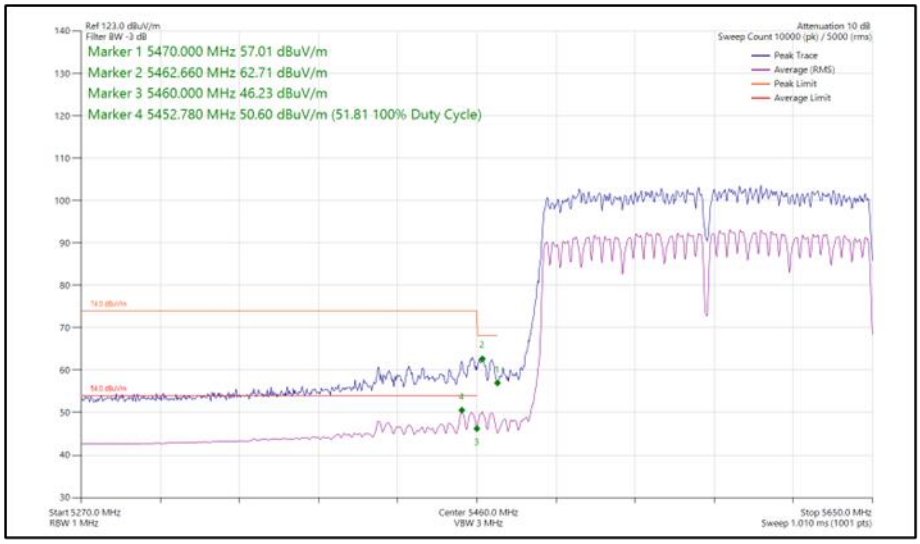

Figure 661 - 802.11ac VHT160, CDD, Core 0 - Core 1 - 5570 MHz Band Edge Frequency 5470 MHz

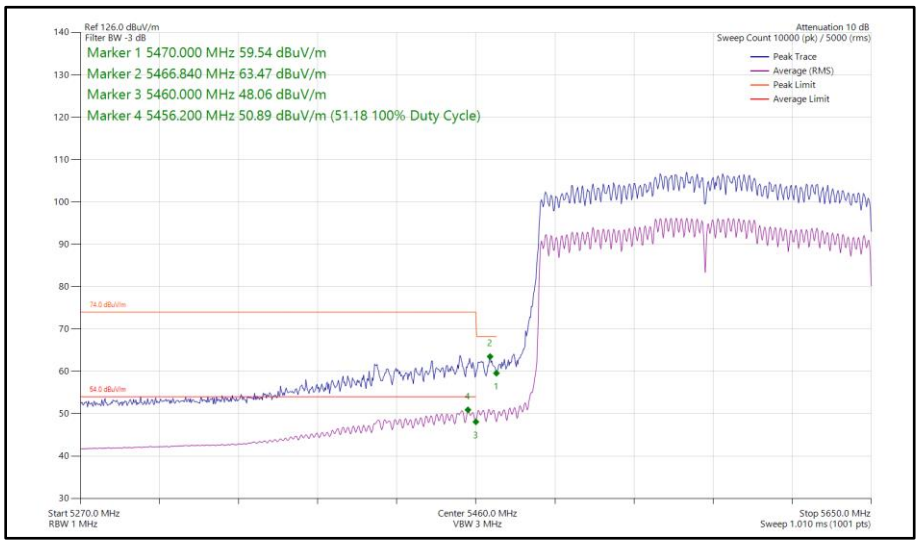

Figure 662 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 5570 MHz Band Edge Frequency 5470 MHz

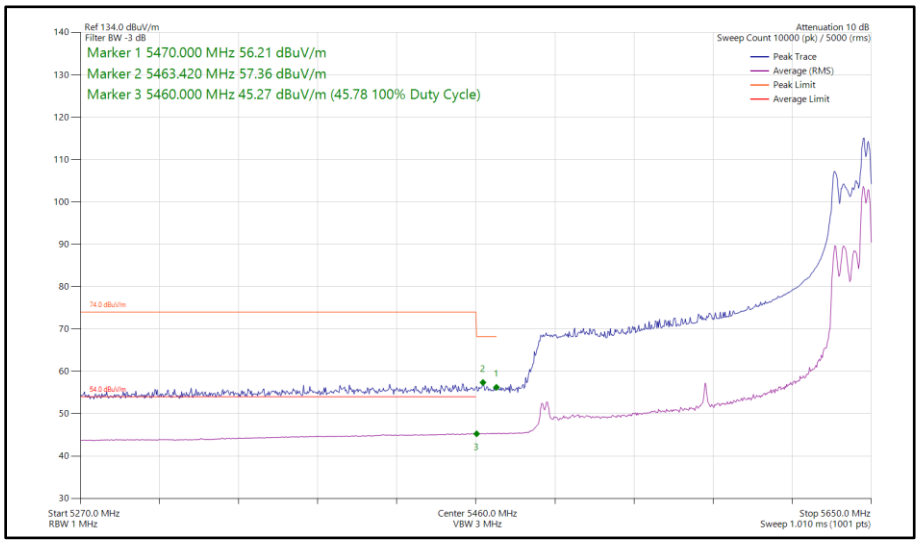

Figure 663 - 802.11ax HE160, RU 52-37P, CDD, Core 0 - Core 1 - 5570 MHz Band Edge Frequency 5470 MHz

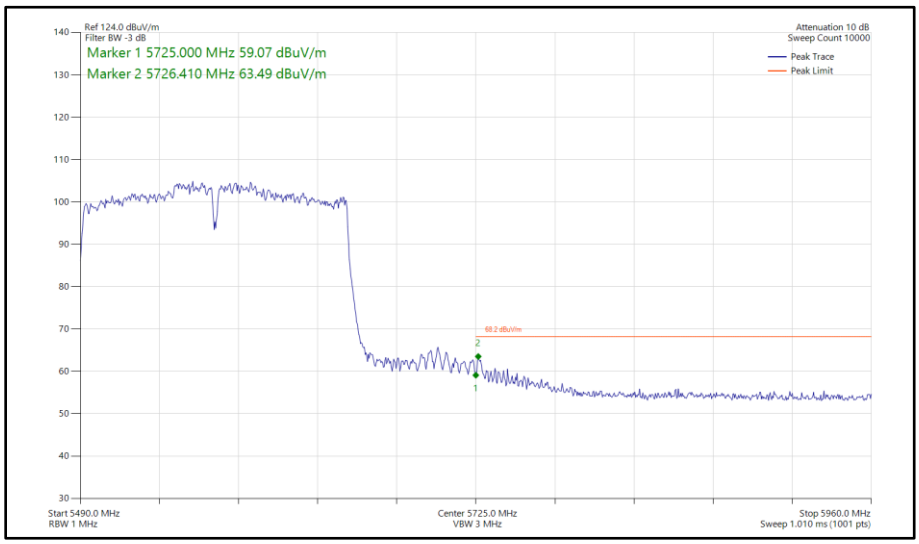

Figure 664 - 802.11ac VHT160, CDD, Core 0 - Core 1 - 5570 MHz Band Edge Frequency 5725 MHz

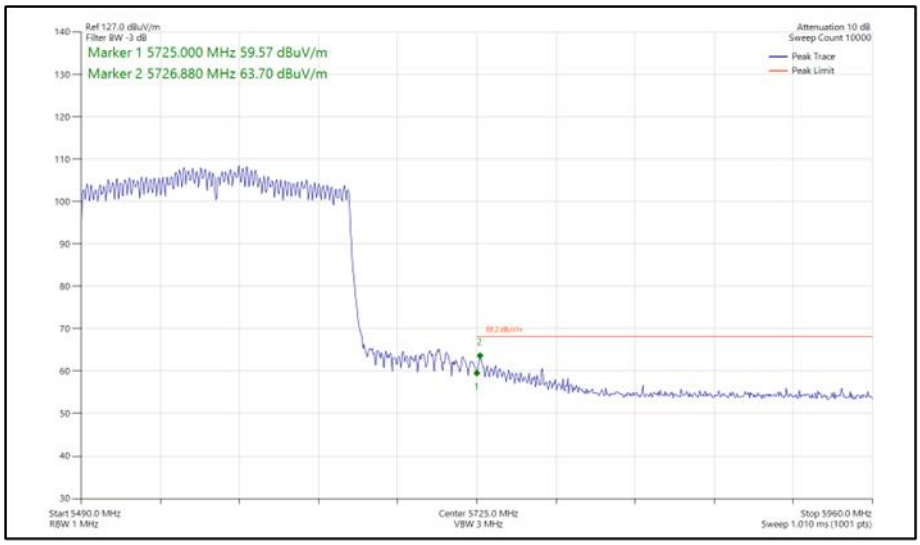

Figure 665 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 5570 MHz Band Edge Frequency 5725 MHz

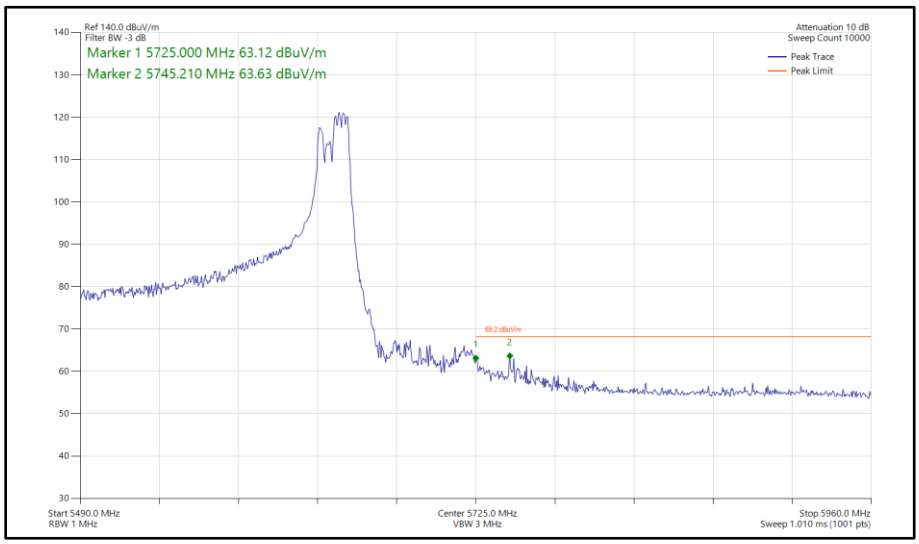

Figure 666 - 802.11ax HE160, RU 106-60S, CDD, Core 0 - Core 1 - 5570 MHz Band Edge Frequency 5725 MHz

160 MHz Bandwidth - Core 0 - Core 1 (SDM)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)
802.11ac VHT160	MCS 8x2	-	-	5570	5470	63.64
802.11ax HE160	MCS 2x2	SU	-	5570	5470	63.20
802.11ax HE160	MCS 11x2	106	60S	5570	5470	63.68
802.11ac VHT160	MCS 2x2	-	-	5570	5725	63.60
802.11ax HE160	MCS 2x2	SU	-	5570	5725	63.58
802.11ax HE160	MCS 11x2	52	52S	5570	5725	63.64

Table 730 - SDM Authorised Band Edge Results

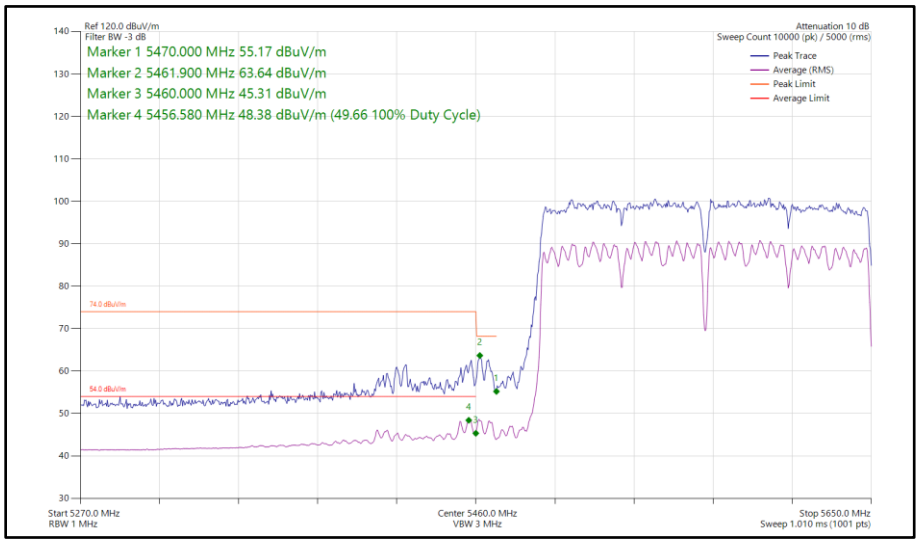

Figure 667 - 802.11ac VHT160, SDM, Core 0 - Core 1 - 5570 MHz Band Edge Frequency 5470 MHz

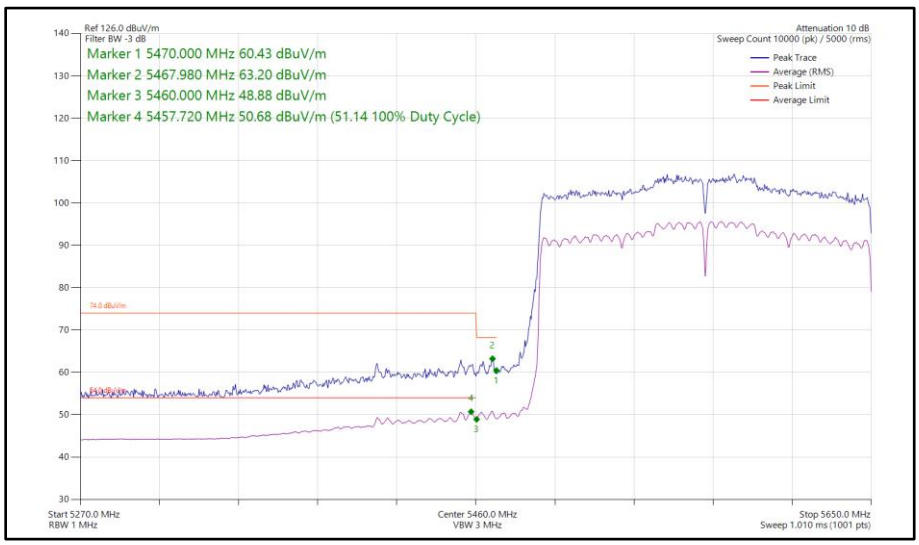

Figure 668 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 5570 MHz Band Edge Frequency 5470 MHz

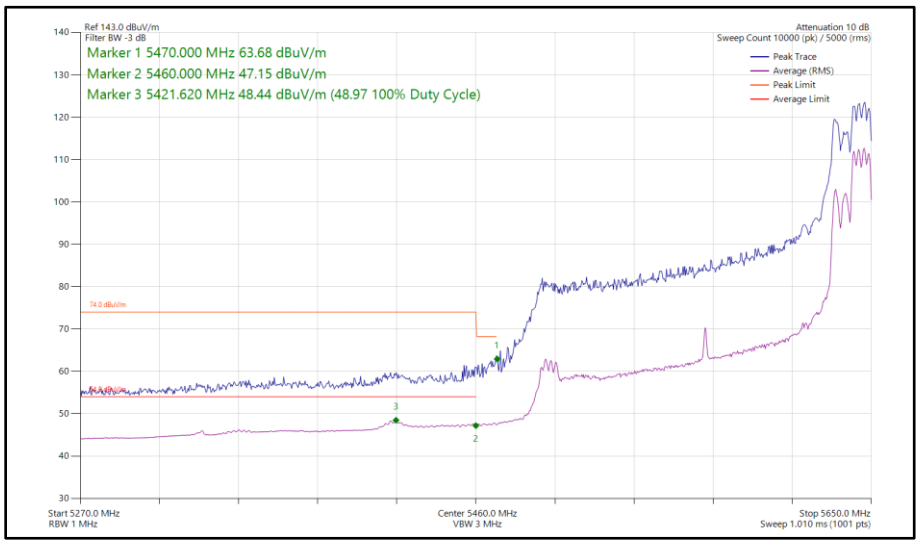

Figure 669 - 802.11ax HE160, RU 106-60S, SDM, Core 0 - Core 1 - 5570 MHz Band Edge Frequency 5470 MHz

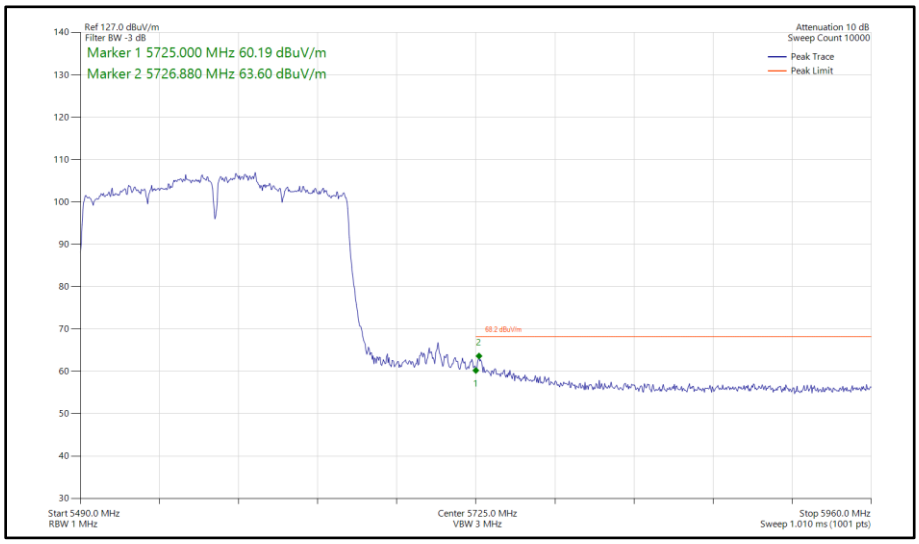

Figure 670 - 802.11ac VHT160, SDM, Core 0 - Core 1 - 5570 MHz Band Edge Frequency 5725 MHz

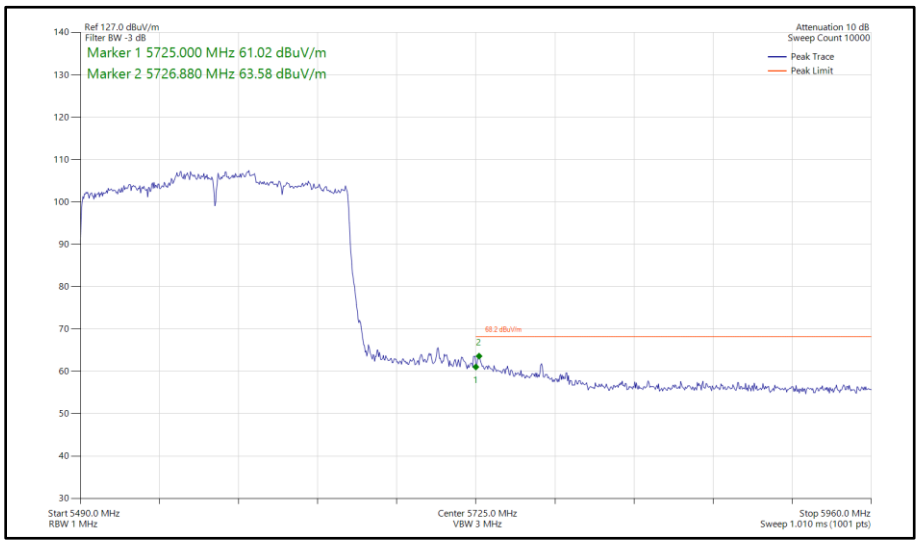

Figure 671 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 5570 MHz Band Edge Frequency 5725 MHz

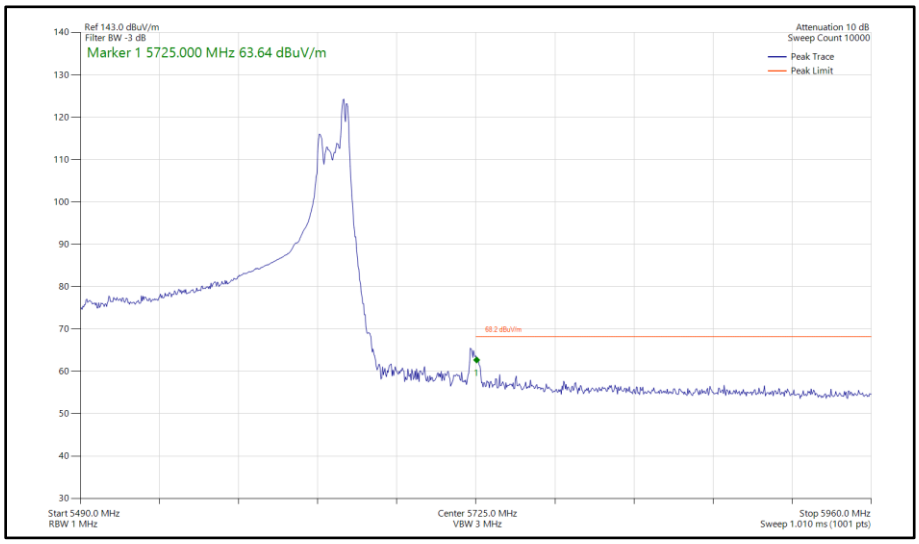

Figure 672 - 802.11ax HE160, RU 52-52S, SDM, Core 0 - Core 1 - 5570 MHz Band Edge Frequency 5725 MHz

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, 6.2.4.2 and 6.2.5.3

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.

For the 5895 MHz band edge and above, all devices shall be measured using average detection and shall comply with the following e.i.r.p. spectral density limits:

Fixed outdoor access points and fixed outdoor client devices shall not exceed -27 dBm/MHz e.i.r.p. spectral density at or above the 5895 MHz band edge.

Indoor access points or indoor subordinate devices shall not exceed 15 dBm/MHz e.i.r.p. spectral density at the 5895 MHz band edge and shall decrease linearly to not exceed -7 dBm/MHz e.i.r.p. spectral density at or above 5925 MHz.

Client devices shall not exceed -5 dBm/MHz e.i.r.p. spectral density at the 5895 MHz band edge and shall decrease linearly to not exceed -27 dBm/MHz e.i.r.p. spectral density at or above 5925 MHz.

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 V3.2.0	5125	-	Software
EMI Test Receiver	Rohde & Schwarz	ESW44	5912	12	05-Jul-2024
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
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	5996	12	20-May-2025
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6007	12	20-May-2025
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6141	12	05-May-2025
Digital Multimeter	Fluke	115	6145	12	15-Jun-2024*
Digital Multimeter	Fluke	115	6145	12	06-Jun-2025*
Humidity & Temperature meter	R.S Components	1364	6149	12	07-Jul-2024
SAC Switch Unit	TUV SUD	TUV_SSU_004 PLC	6349	12	07-May-2025
1m Cable	Junkosha	MWX241-01000AMSAMS/B	6741	12	01-Feb-2025
8M SMA Cable	Junkosha	MWX221-08000AMSAMS/B	6834	12	14-Aug-2025*

Table 731

TU - Traceability Unscheduled
O/P Mon - Output Monitored using calibrated equipment

*NOTE: Only used within calibration period.

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

A3112, S/N: D2XW4JQFNK - Modification State 0
A3112, S/N: MNV254CLPF - Modification State 0

2.6.3 Date of Test

16-June-2024 to 07-July-2024

2.6.4 Test Method

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

Measurements were 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 dBµV/m to µV/m:
10^(Field Strength in dBµV/m/20).

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

2.6.5 Test Setup Diagram

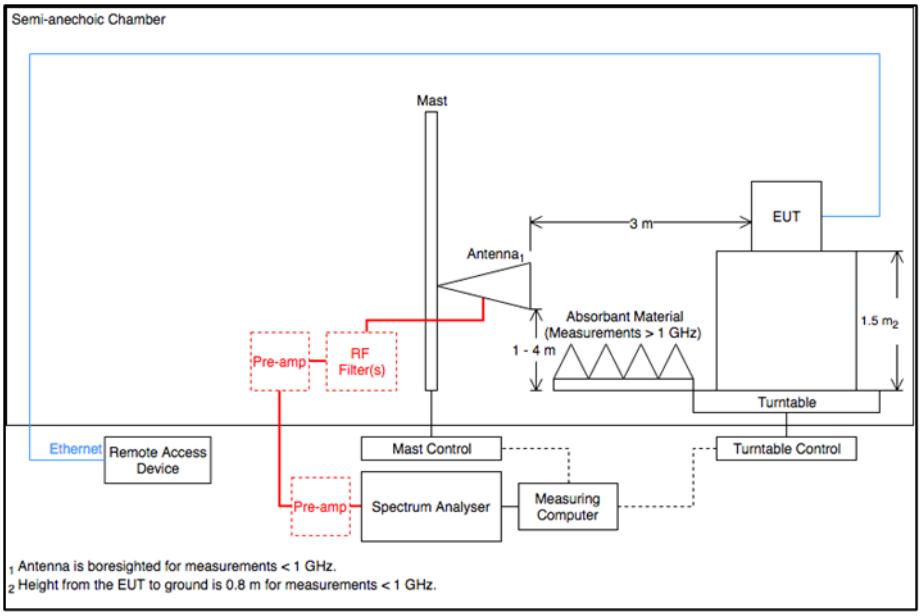

Figure 673 - Radiated Emissions Test Setup Diagram

2.6.6 Environmental Conditions

Ambient Temperature	20.9 - 23.8 °C
Relative Humidity	38.3 - 49.2 %

2.6.7 Test Results

5 GHz WLAN

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
280.005	24.87	46.00	-21.13	Q-Peak	64	148	Horizontal
5109.796	38.23	54.00	-15.77	RMS	112	376	Horizontal
5109.861	42.83	54.00	-11.17	RMS	325	275	Vertical
5369.799	43.60	54.00	-10.40	RMS	347	312	Vertical
5456.644	40.22	54.00	-13.78	RMS	285	375	Horizontal
5477.142	54.16	68.20	-14.04	Peak	344	326	Vertical

Table 732 - 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.

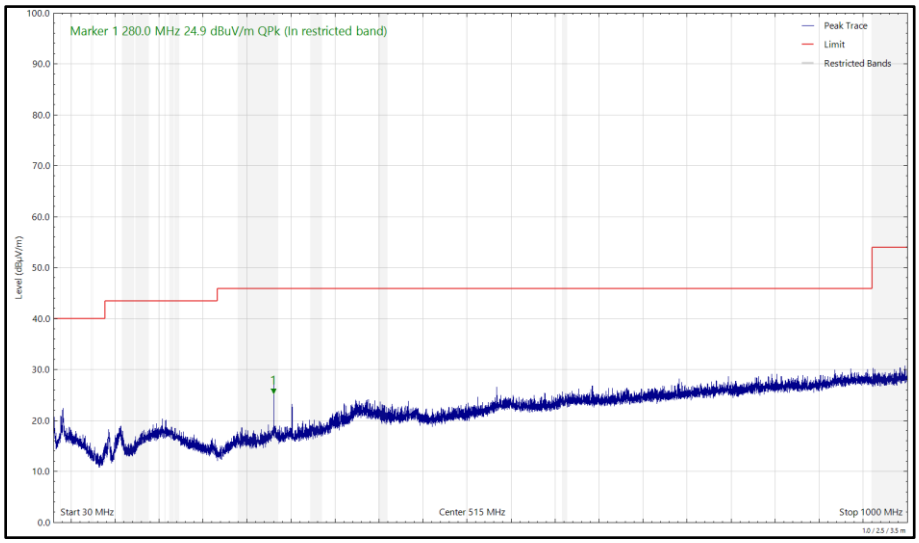

Figure 674 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

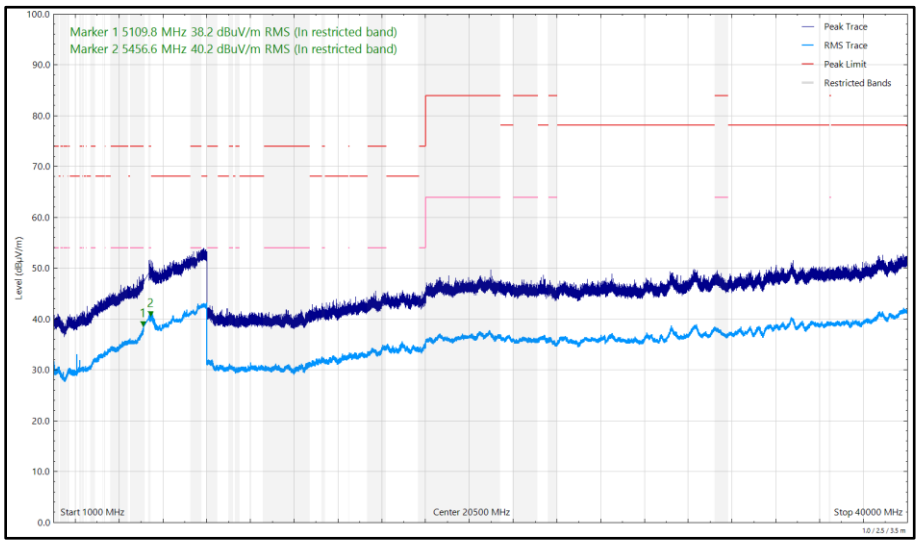

Figure 675 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

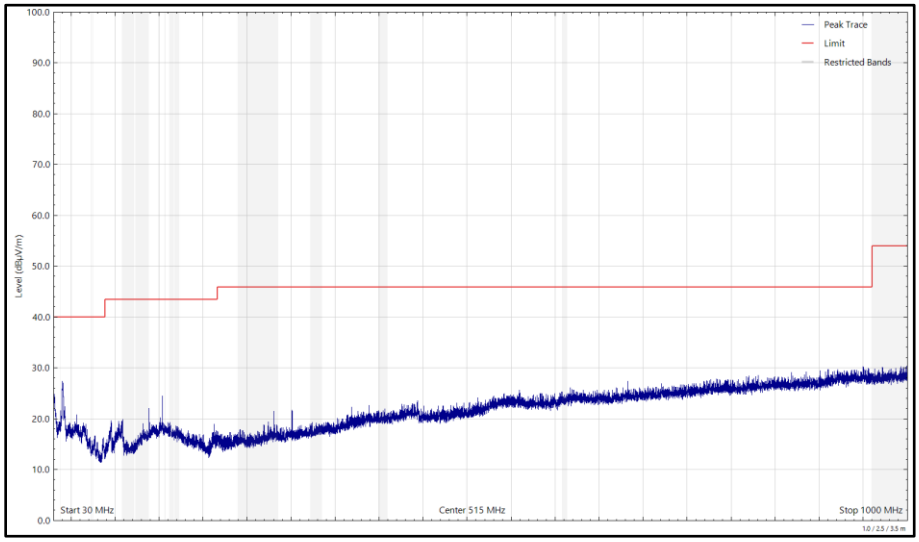

Figure 676 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

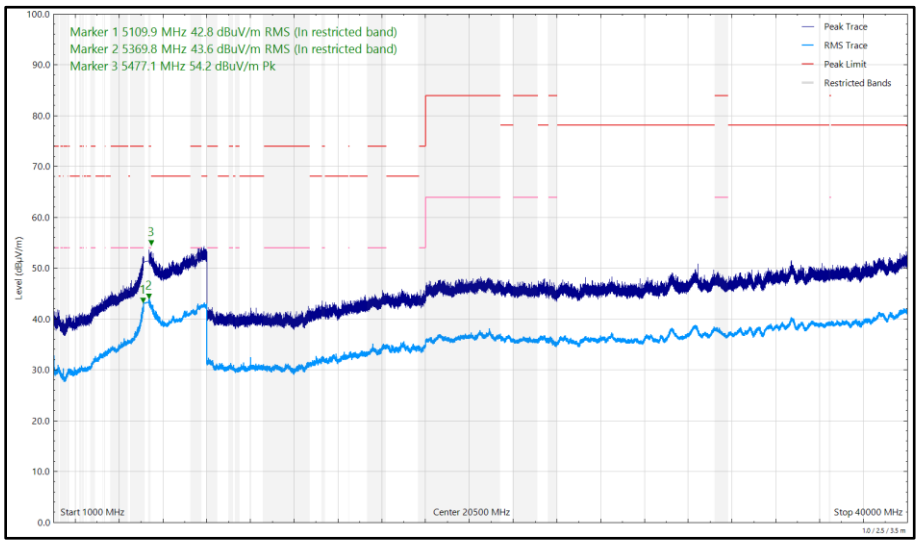

Figure 677 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5143.687	40.70	54.00	-13.30	RMS	8	317	Vertical
5390.347	45.91	54.00	-8.09	RMS	346	316	Vertical
5393.153	57.66	74.00	-16.34	Peak	345	341	Vertical
5393.338	41.16	54.00	-12.84	RMS	297	343	Horizontal
5488.042	53.49	68.20	-14.71	Peak	285	332	Horizontal

Table 733 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 0, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

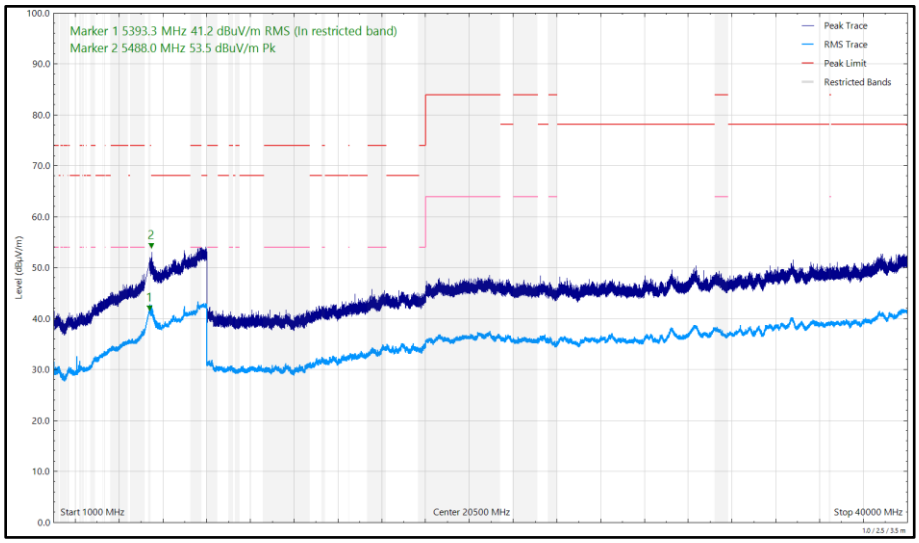

Figure 678 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

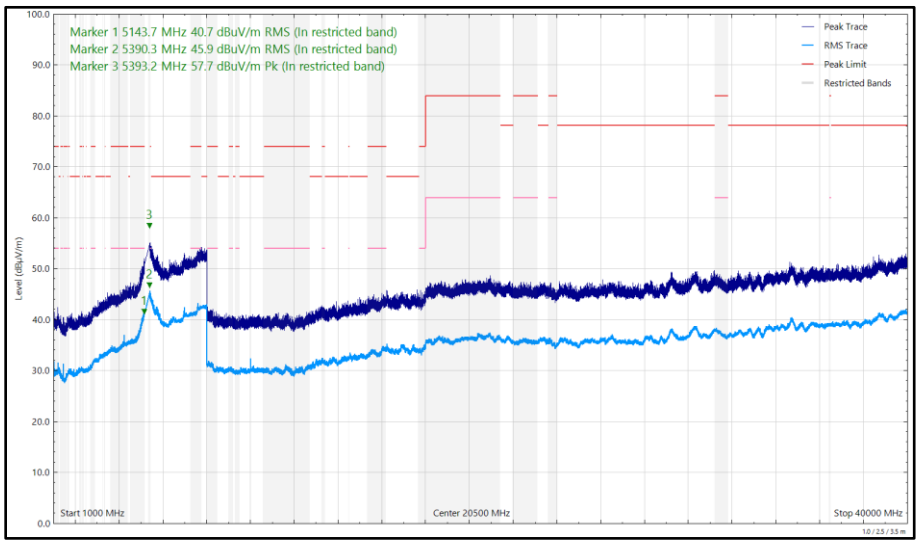

Figure 679 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5302.782	56.35	68.20	-11.85	Peak	340	315	Vertical
5326.080	51.29	68.20	-16.91	Peak	289	336	Horizontal
5409.440	43.91	54.00	-10.09	RMS	348	301	Vertical
5409.737	40.89	54.00	-13.11	RMS	289	379	Horizontal
5757.347	54.79	68.20	-13.41	Peak	352	235	Vertical

Table 734 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 0, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

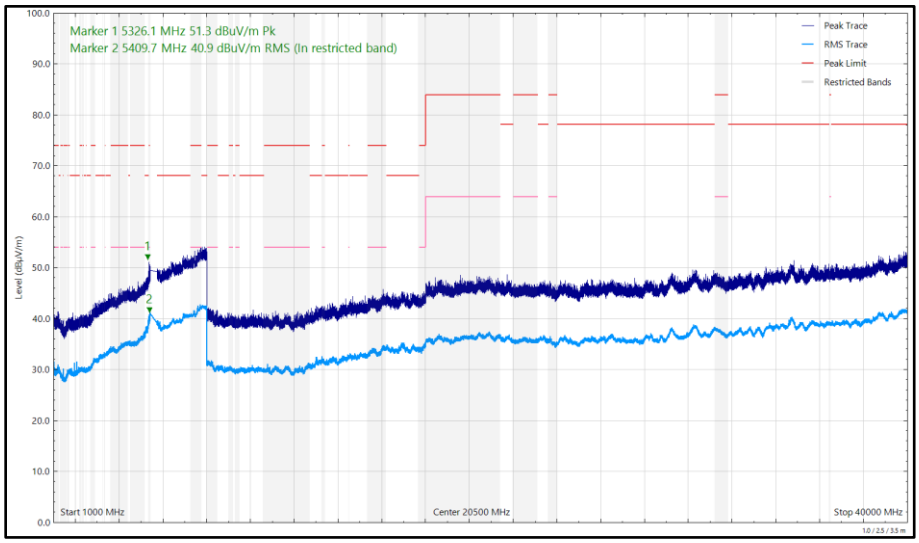

Figure 680 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

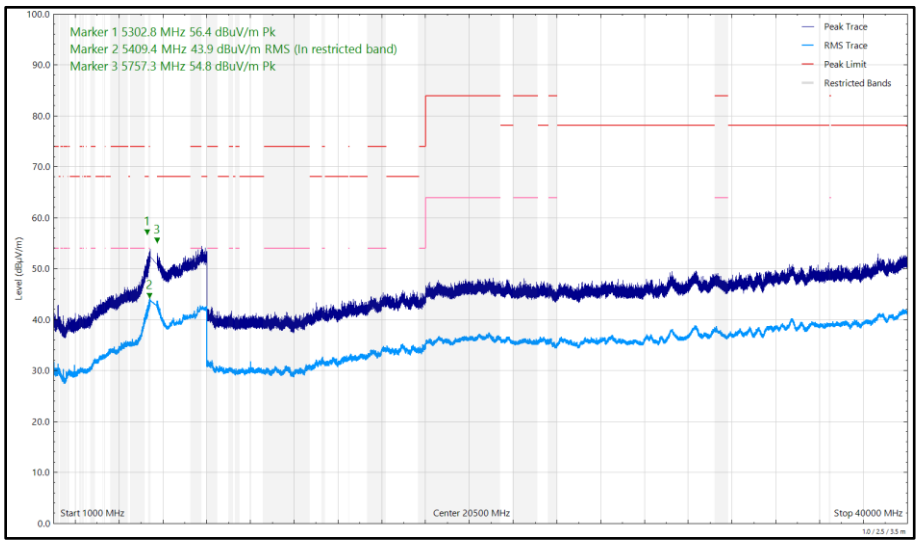

Figure 681 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5423.222	42.02	54.00	-11.98	RMS	345	337	Vertical
5439.676	39.63	54.00	-14.37	RMS	296	383	Horizontal
5764.315	58.57	68.20	-9.63	Peak	348	274	Vertical
5796.428	53.21	68.20	-14.99	Peak	295	357	Horizontal

Table 735 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

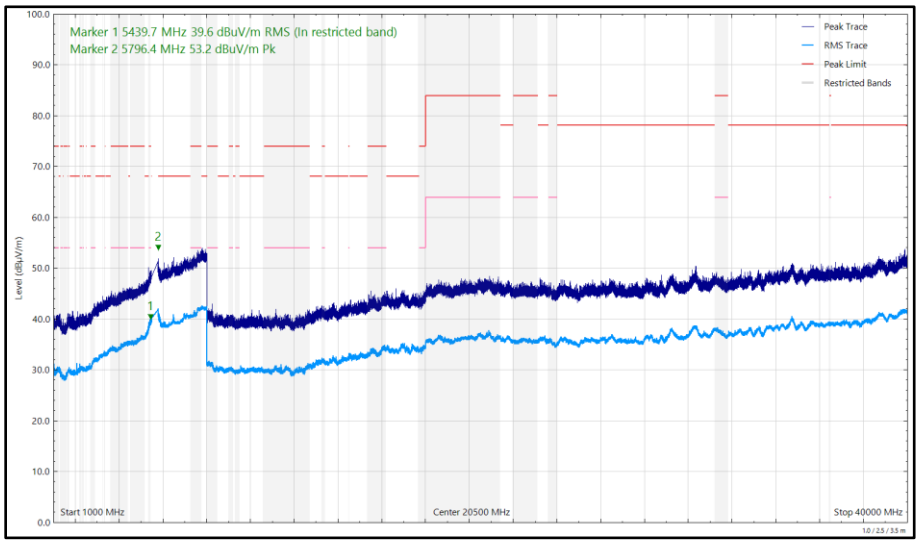

Figure 682 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

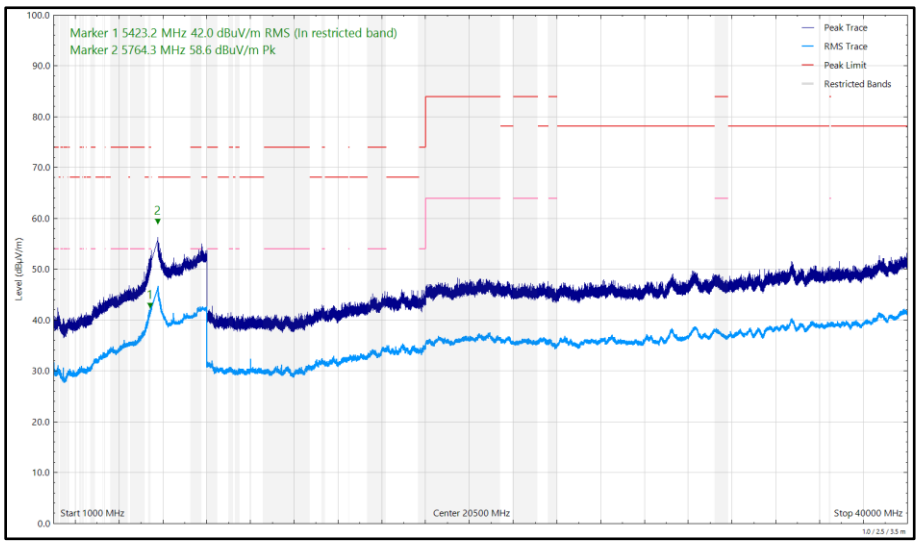

Figure 683 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5455.613	41.13	54.00	-12.87	RMS	0	319	Vertical
5459.612	39.49	54.00	-14.51	RMS	282	378	Horizontal
5510.706	52.38	68.20	-15.82	Peak	287	350	Horizontal
5853.023	55.95	68.20	-12.25	Peak	0	264	Vertical

Table 736 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

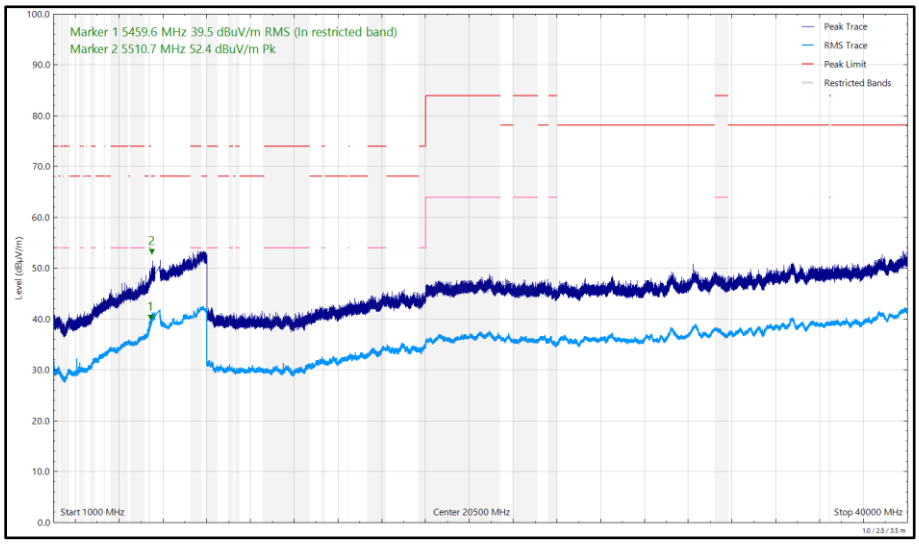

Figure 684 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

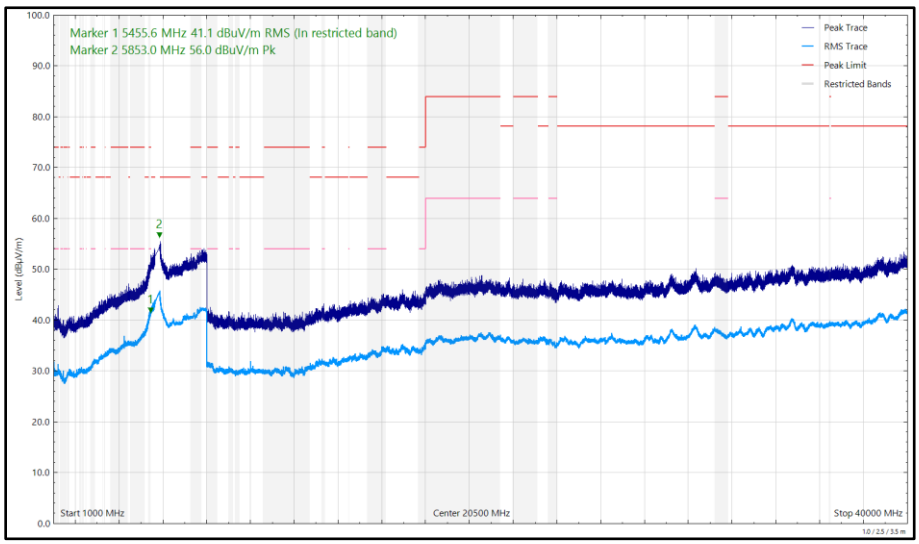

Figure 685 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
279.985	25.29	46.00	-20.71	Q-Peak	97	107	Horizontal
5458.332	39.07	54.00	-14.93	RMS	283	399	Horizontal
5458.617	40.59	54.00	-13.41	RMS	0	251	Vertical
5699.134	56.90	68.20	-11.30	Peak	352	261	Vertical
5701.726	53.22	68.20	-14.98	Peak	292	398	Horizontal

Table 737 - 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.

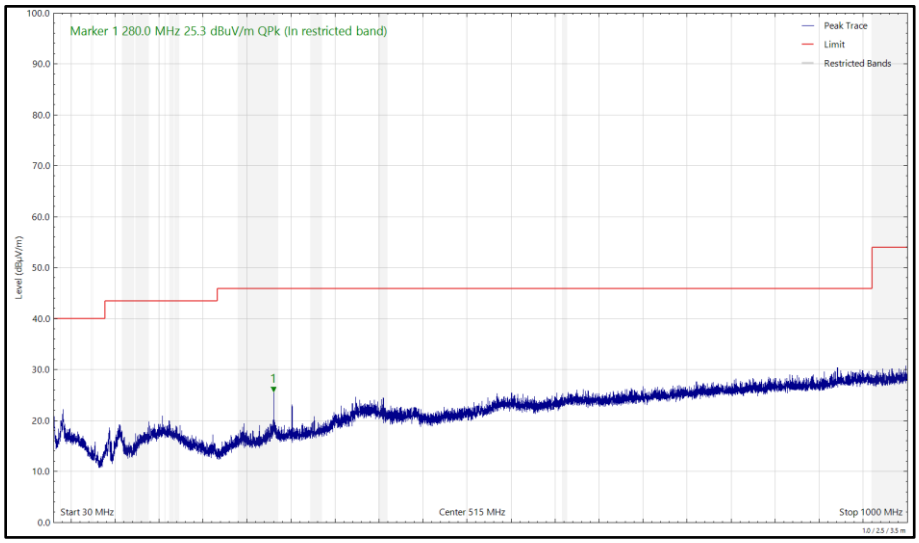

Figure 686 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

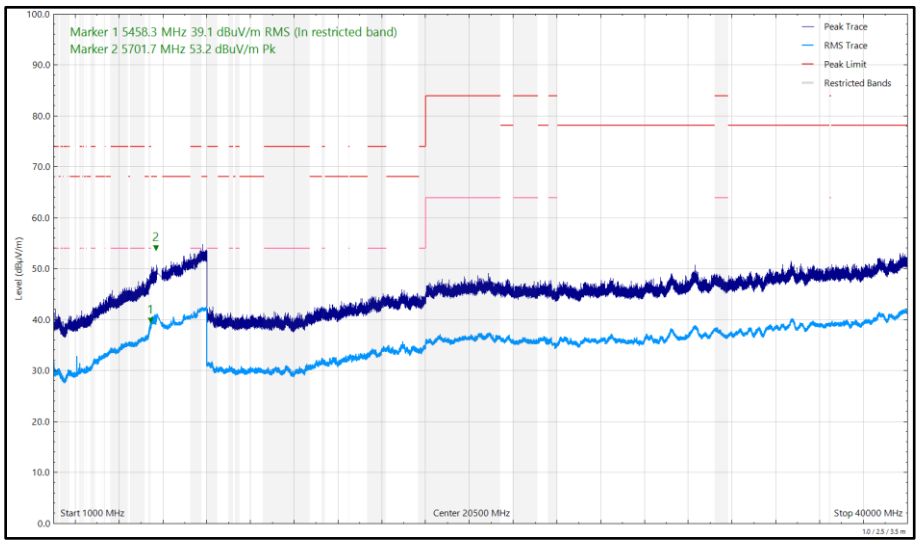

Figure 687 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

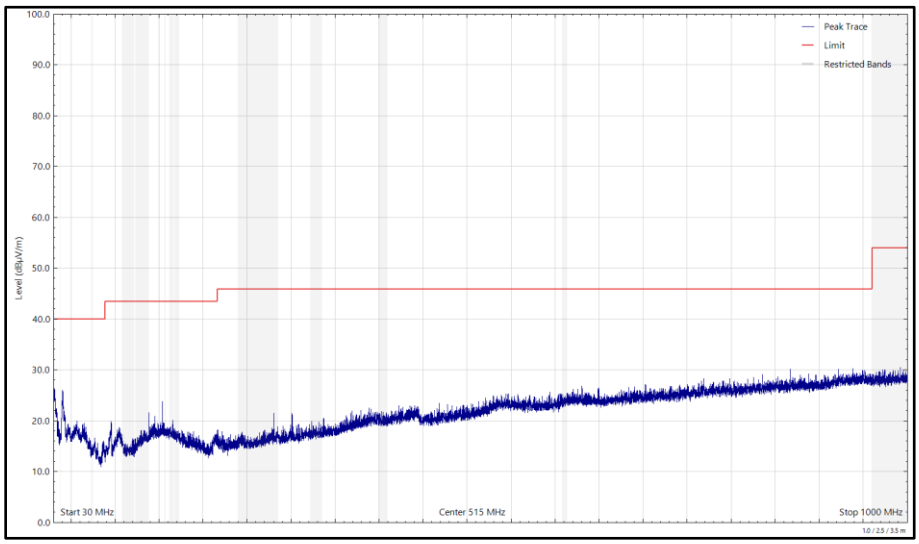

Figure 688 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

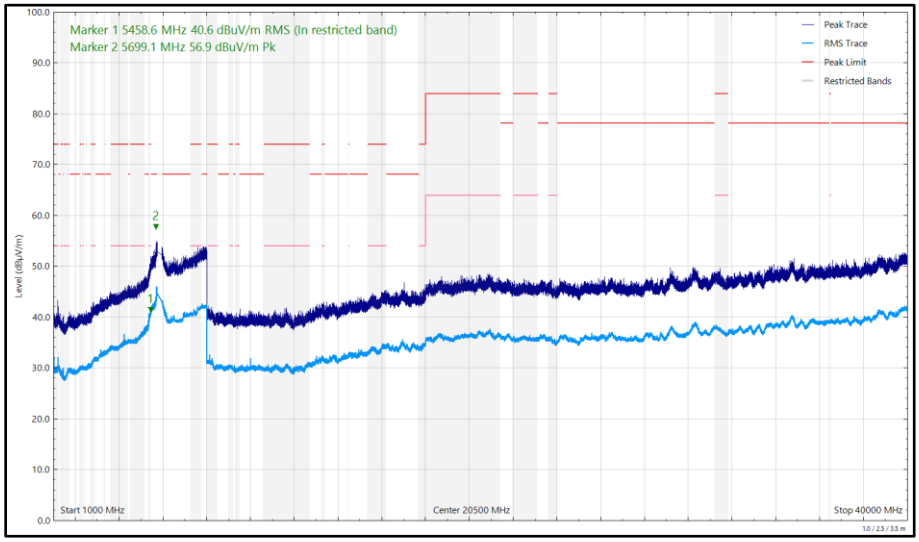

Figure 689 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
280.005	26.05	46.00	-19.95	Q-Peak	74	102	Horizontal
5109.500	44.47	54.00	-9.53	RMS	360	323	Vertical
5367.758	44.20	54.00	-9.80	RMS	360	310	Vertical
5384.335	56.09	74.00	-17.91	Peak	360	311	Vertical
5458.520	37.50	54.00	-16.50	RMS	97	261	Horizontal
5493.827	54.35	68.20	-13.85	Peak	358	261	Vertical

Table 738 - 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.

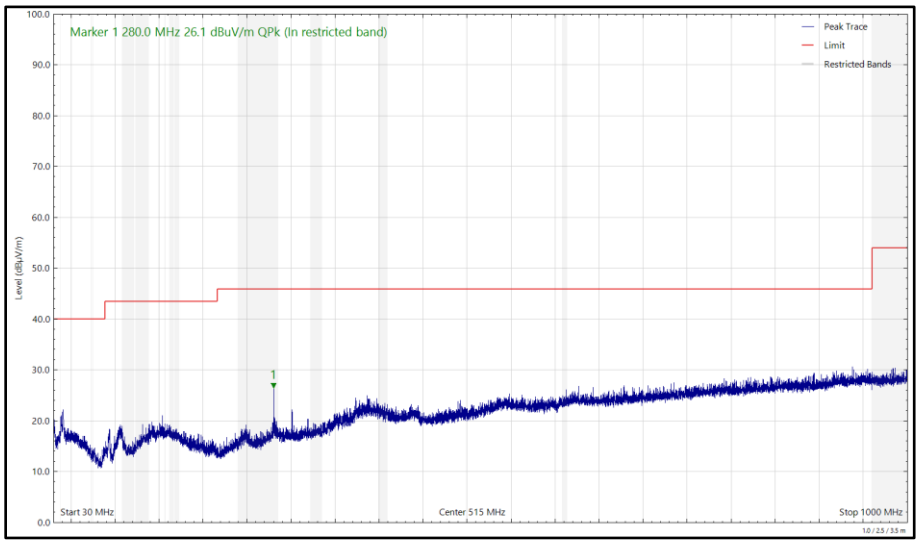

Figure 690 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

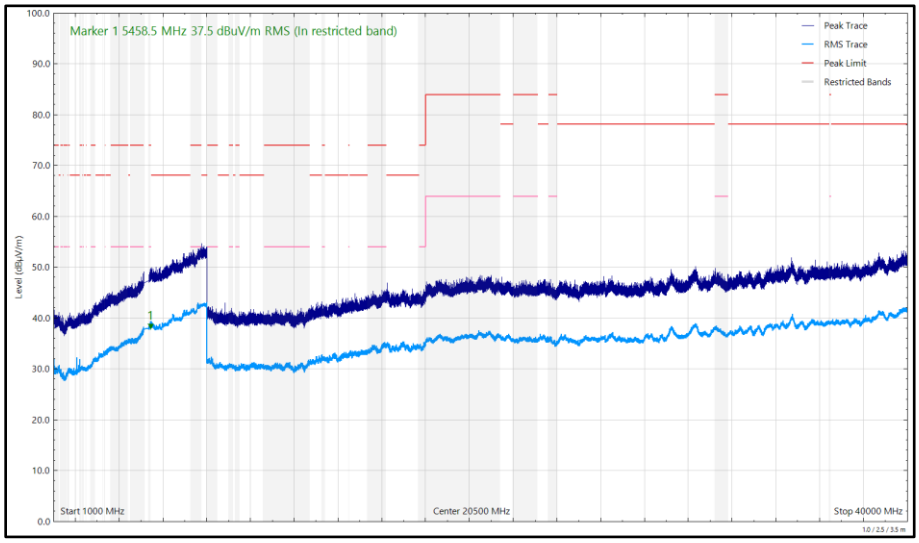

Figure 691 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

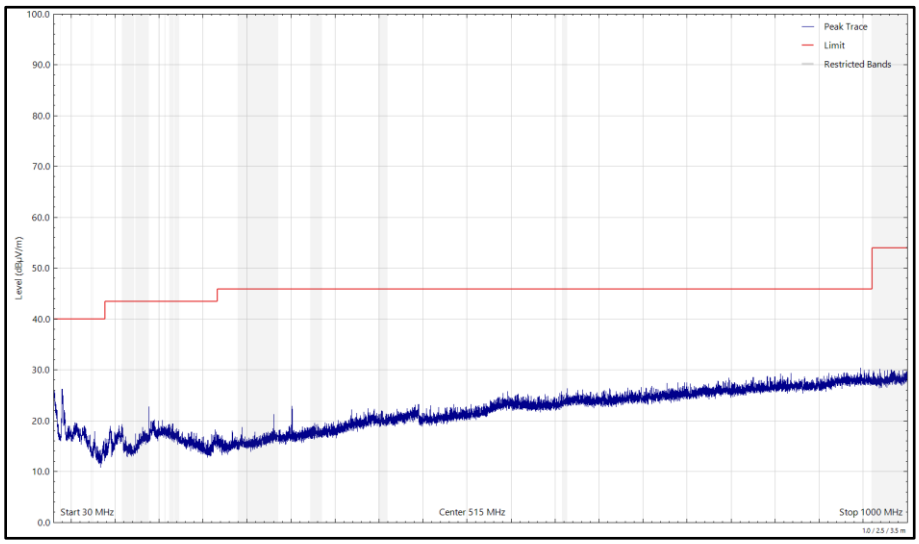

Figure 692 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

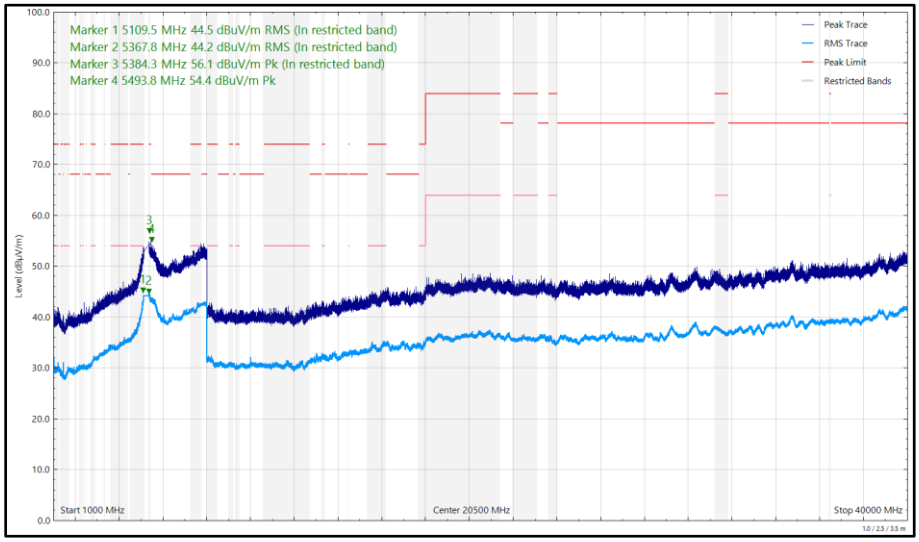

Figure 693 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5149.842	42.79	54.00	-11.21	RMS	0	323	Vertical
5390.434	45.83	54.00	-8.17	RMS	0	307	Vertical
5396.207	58.28	74.00	-15.72	Peak	2	332	Vertical
5420.916	38.48	54.00	-15.52	RMS	266	360	Horizontal
5503.815	56.01	68.20	-12.19	Peak	3	273	Vertical
15960.719	41.21	54.00	-12.79	RMS	180	119	Vertical

Table 739 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

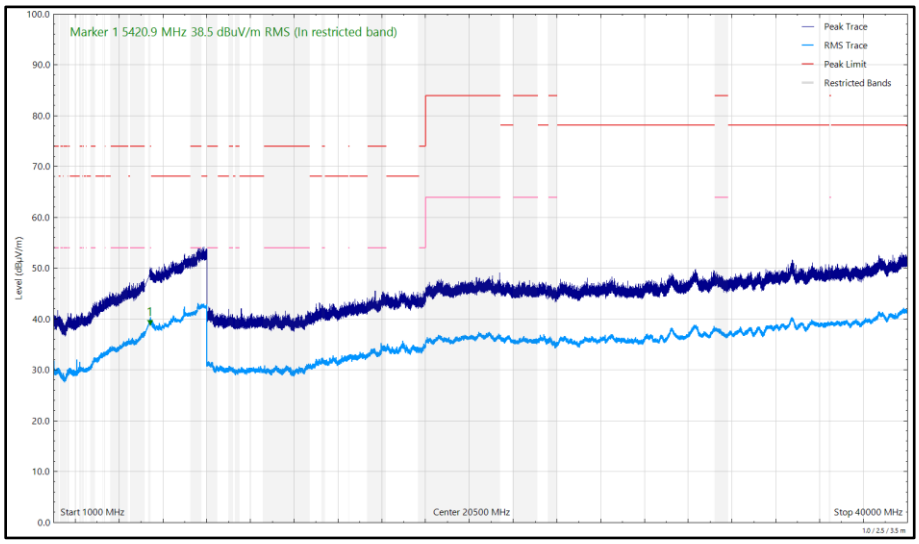

Figure 694 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

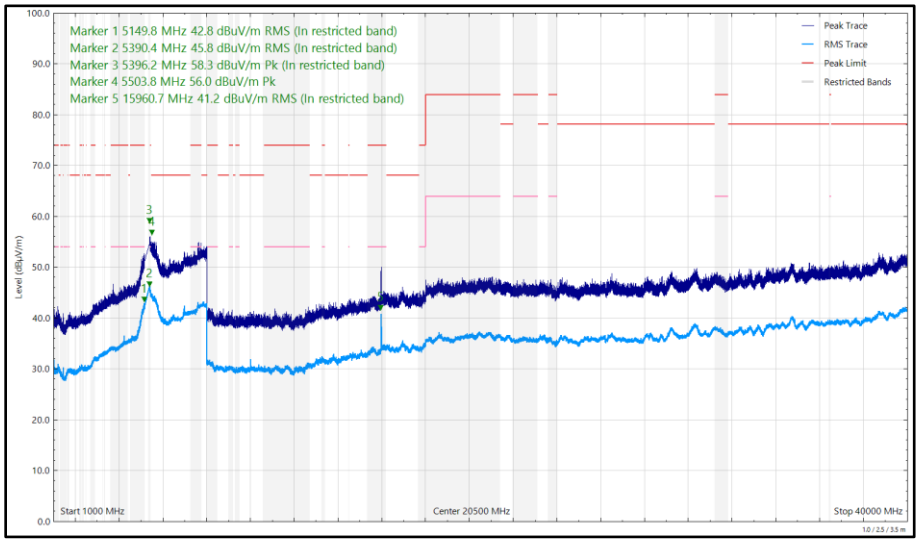

Figure 695 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5388.987	56.61	74.00	-17.39	Peak	0	331	Vertical
5399.523	44.56	54.00	-9.44	RMS	2	312	Vertical
5409.526	38.58	54.00	-15.42	RMS	279	355	Horizontal
5734.837	56.28	68.20	-11.92	Peak	6	258	Vertical

Table 740 - 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.

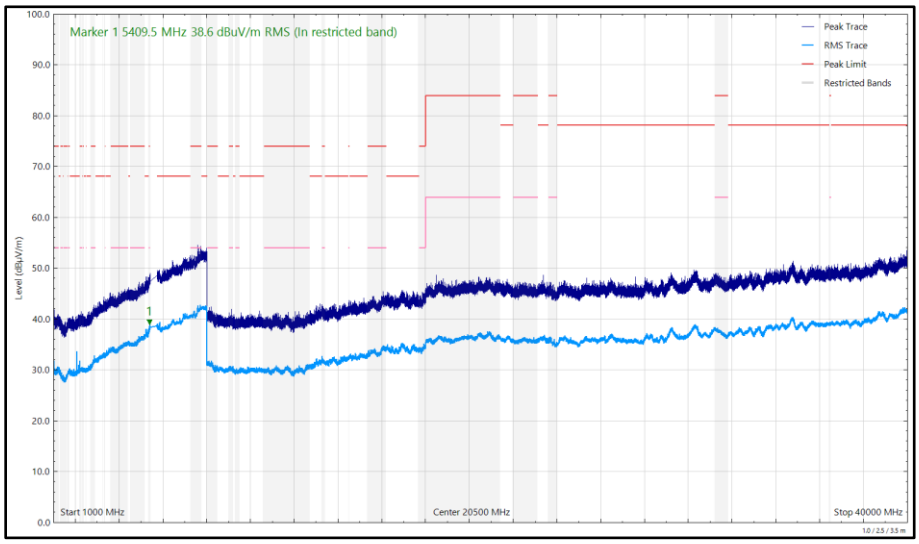

Figure 696 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

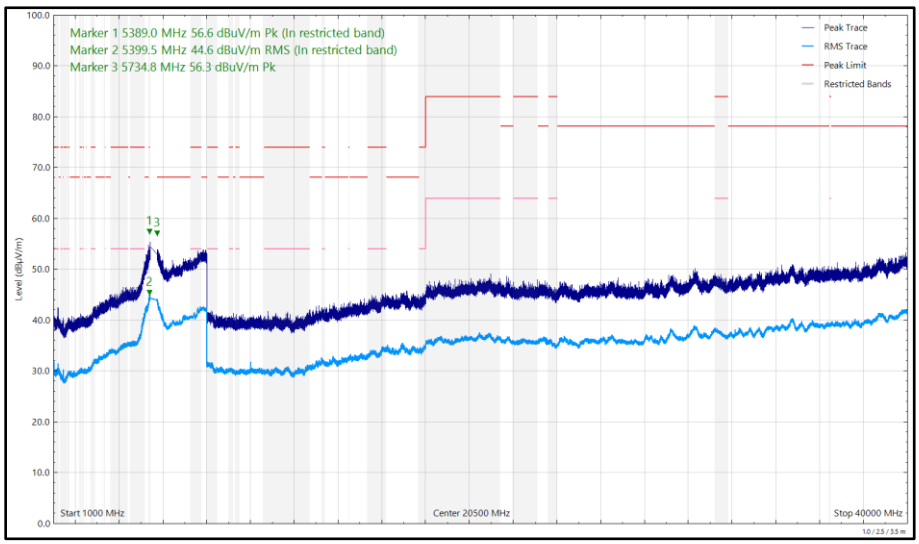

Figure 697 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5410.731	37.40	54.00	-16.60	RMS	51	380	Horizontal
5426.958	42.67	54.00	-11.33	RMS	4	325	Vertical
5761.512	59.07	68.20	-9.13	Peak	5	264	Vertical
6469.787	52.32	68.20	-15.88	Peak	138	100	Horizontal

Table 741 - 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.

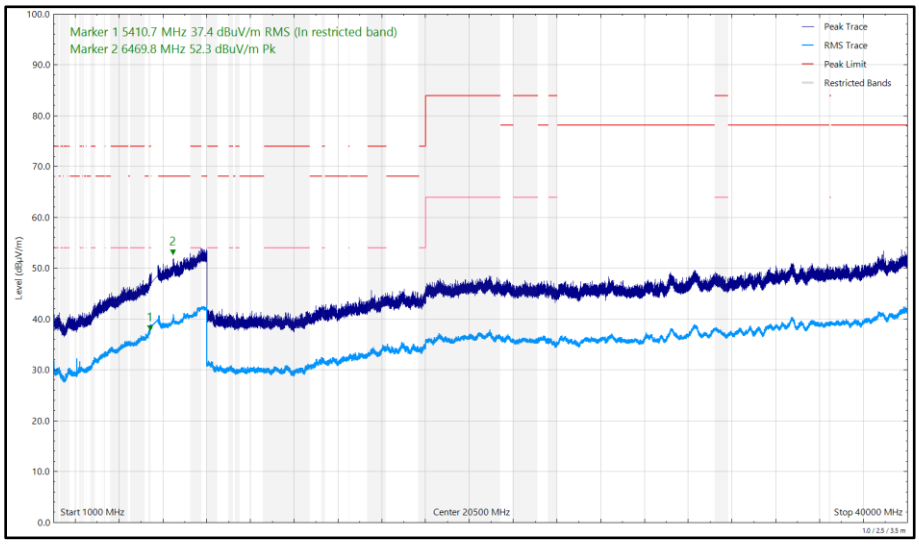

Figure 698 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

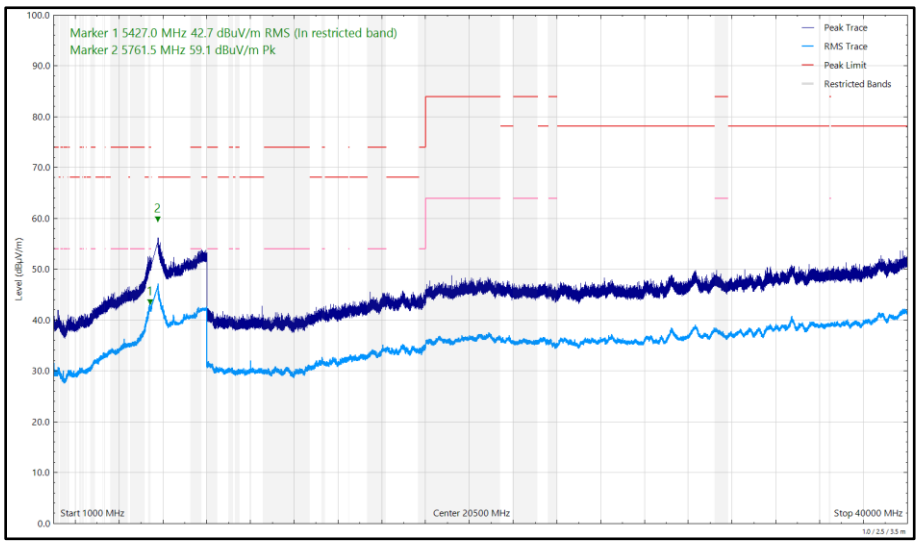

Figure 699 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5111.640	35.15	54.00	-18.85	RMS	49	330	Horizontal
5146.047	36.79	54.00	-17.21	RMS	9	336	Vertical
5620.671	55.73	68.20	-12.47	Peak	5	260	Vertical
5854.831	51.92	68.20	-16.28	Peak	66	383	Horizontal

Table 742 - 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.

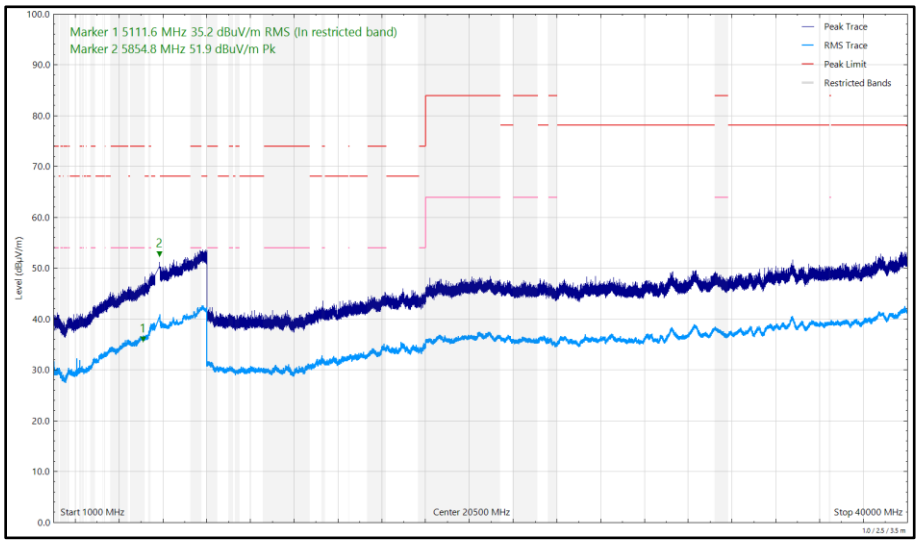

Figure 700 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

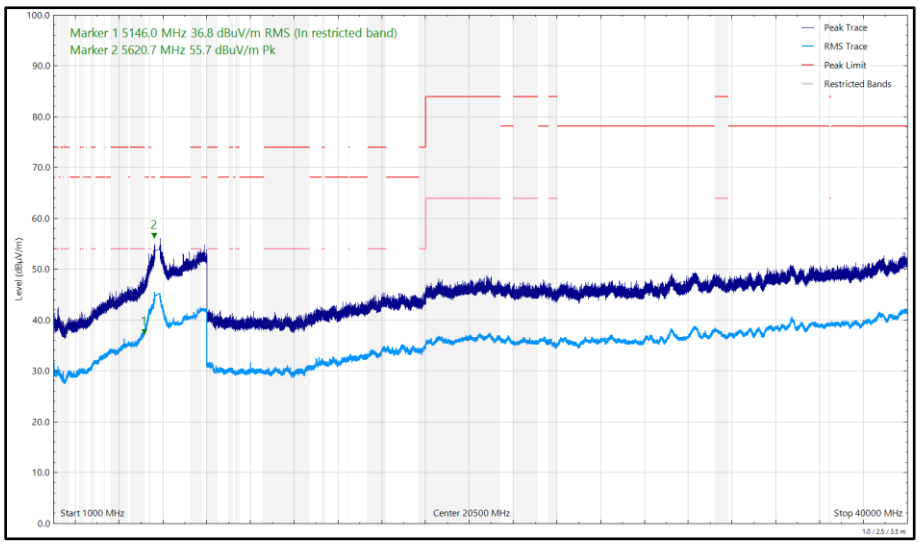

Figure 701 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5454.898	37.80	54.00	-16.20	RMS	279	390	Horizontal
5456.314	41.32	54.00	-12.68	RMS	7	341	Vertical
5707.516	51.89	68.20	-16.31	Peak	65	372	Horizontal
5721.836	57.91	68.20	-10.29	Peak	2	263	Vertical

Table 743 - 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.

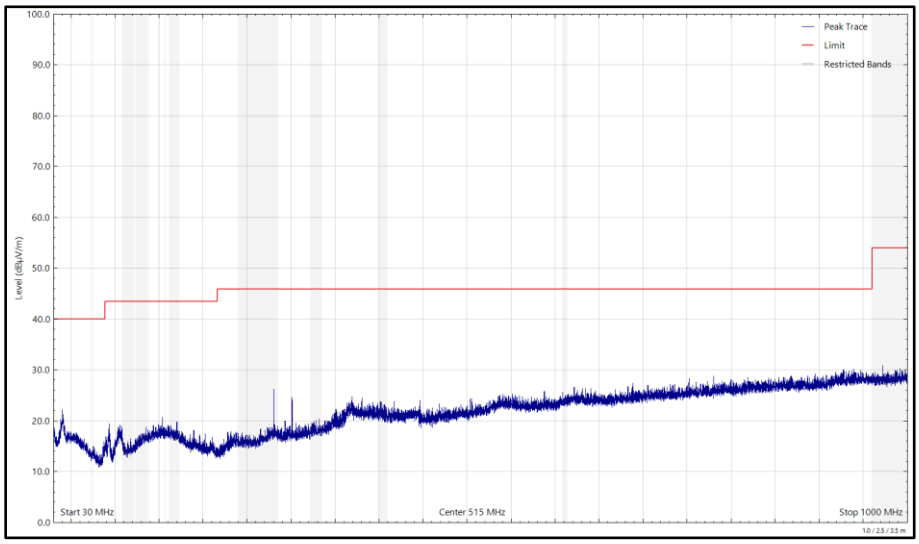

Figure 702 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

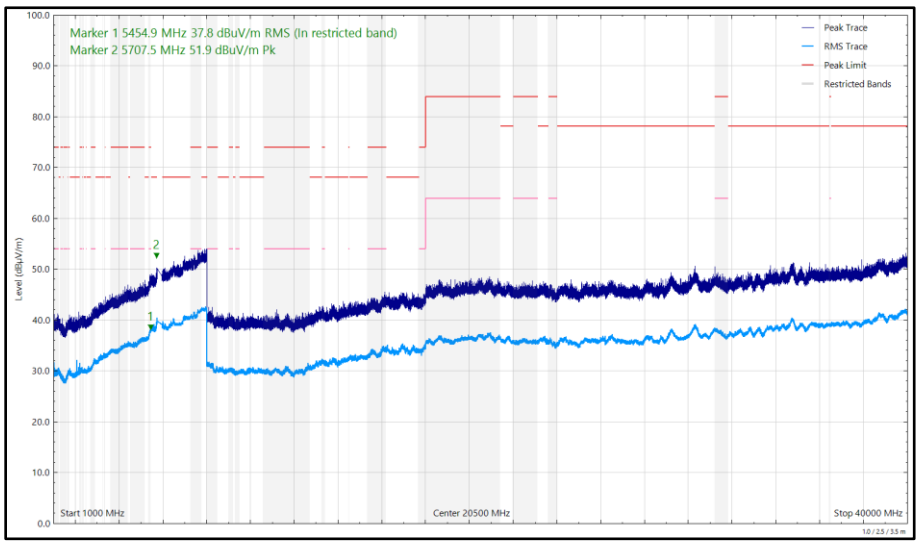

Figure 703 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

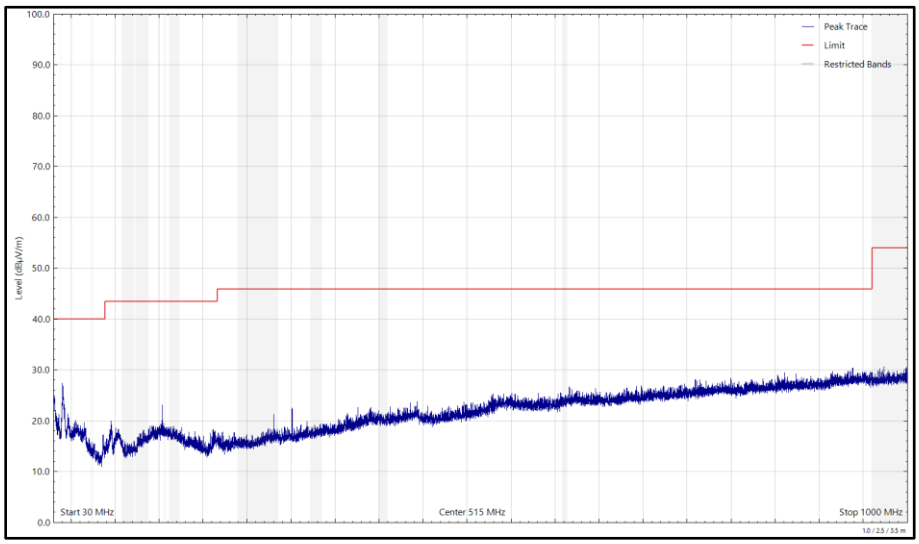

Figure 704 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

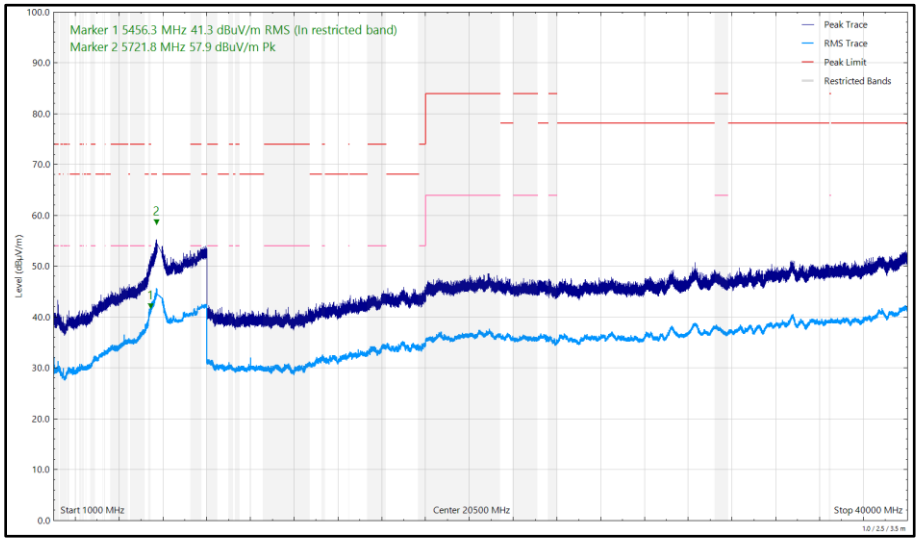

Figure 705 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
279.990	25.76	46.00	-20.24	Q-Peak	70	100	Horizontal
5101.220	57.84	74.00	-16.16	Peak	5	300	Vertical
5107.187	45.81	54.00	-8.19	RMS	0	296	Vertical
5369.581	45.42	54.00	-8.58	RMS	0	326	Vertical
5454.942	40.71	54.00	-13.29	RMS	285	376	Horizontal
5492.501	52.67	68.20	-15.53	Peak	286	328	Horizontal
5502.261	56.33	68.20	-11.87	Peak	360	266	Vertical
15538.410	39.12	54.00	-14.88	RMS	153	149	Vertical

Table 744 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

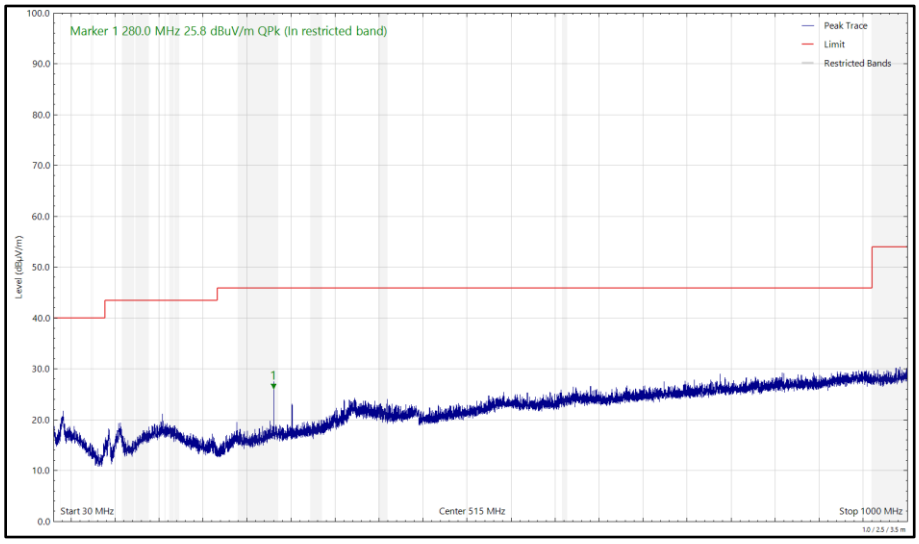

Figure 706 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

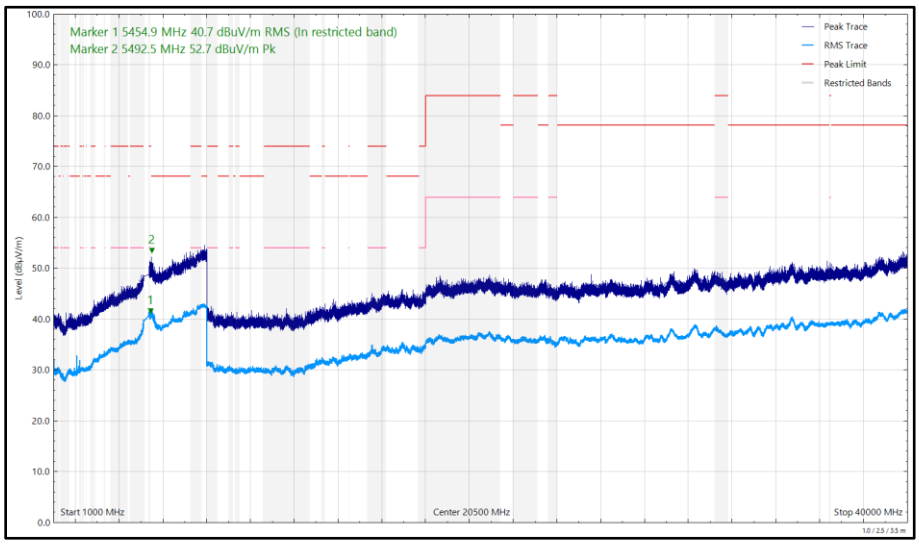

Figure 707 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

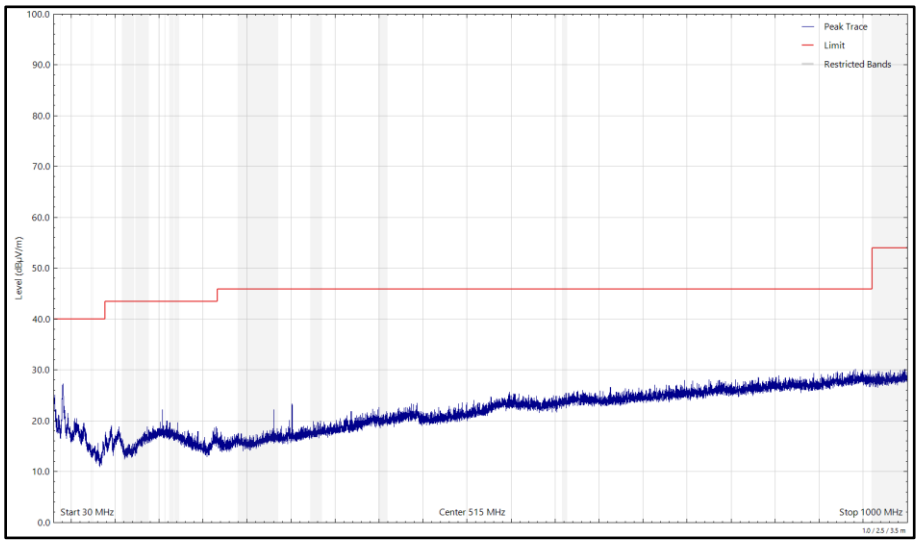

Figure 708 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

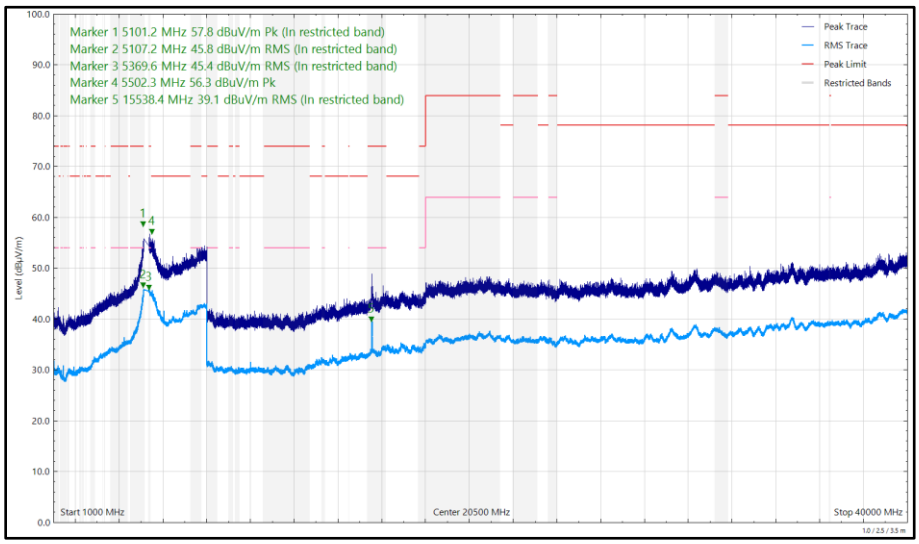

Figure 709 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5149.478	44.09	54.00	-9.91	RMS	0	319	Vertical
5393.327	47.31	54.00	-6.69	RMS	1	242	Vertical
5393.700	42.05	54.00	-11.95	RMS	284	374	Horizontal
5398.912	59.04	74.00	-14.96	Peak	360	344	Vertical
5495.735	54.49	68.20	-13.71	Peak	286	372	Horizontal
5552.785	57.16	68.20	-11.04	Peak	360	232	Vertical
15959.670	42.42	54.00	-11.58	RMS	181	122	Vertical

Table 745 - U-NII-2A - 5320 MHz (CH64), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

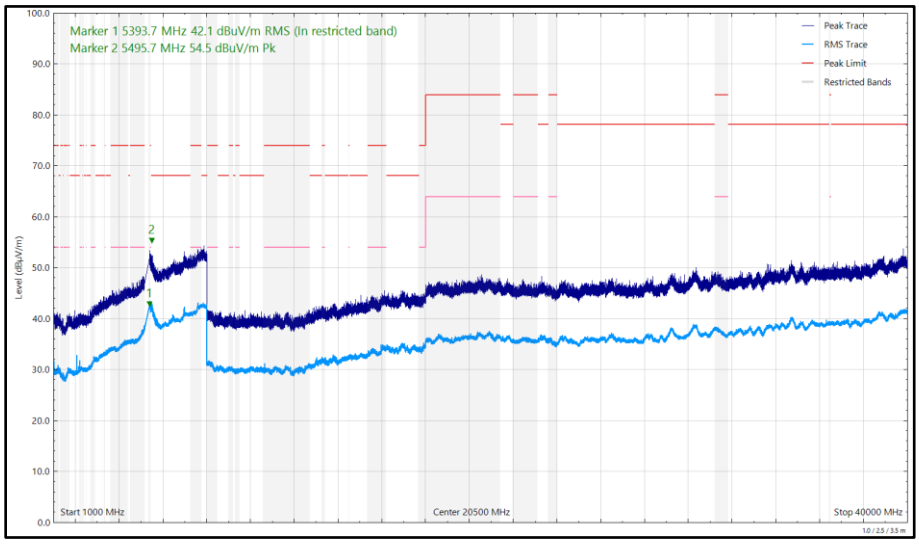

Figure 710 - U-NII-2A - 5320 MHz (CH64), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

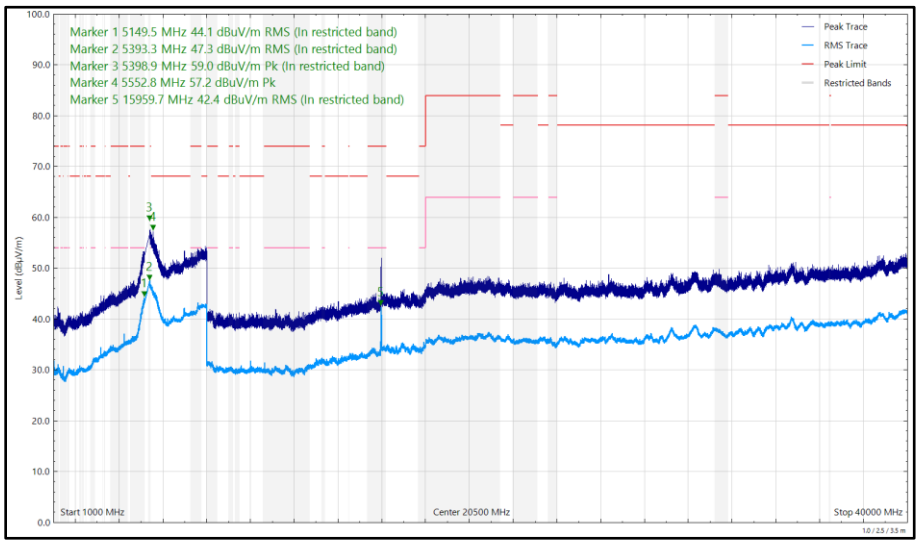

Figure 711 - U-NII-2A - 5320 MHz (CH64), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5327.349	51.71	68.20	-16.49	Peak	283	393	Horizontal
5394.283	58.09	74.00	-15.91	Peak	360	310	Vertical
5409.901	41.07	54.00	-12.93	RMS	287	348	Horizontal
5409.919	45.97	54.00	-8.03	RMS	0	319	Vertical
5726.329	57.00	68.20	-11.20	Peak	2	272	Vertical

Table 746 - U-NII-2C - 5500 MHz (CH100), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

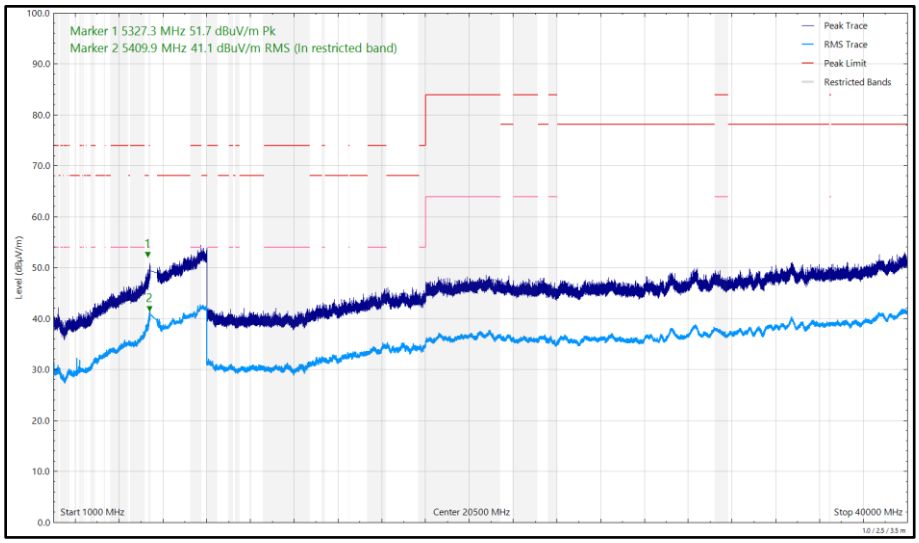

Figure 712 - U-NII-2C - 5500 MHz (CH100), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

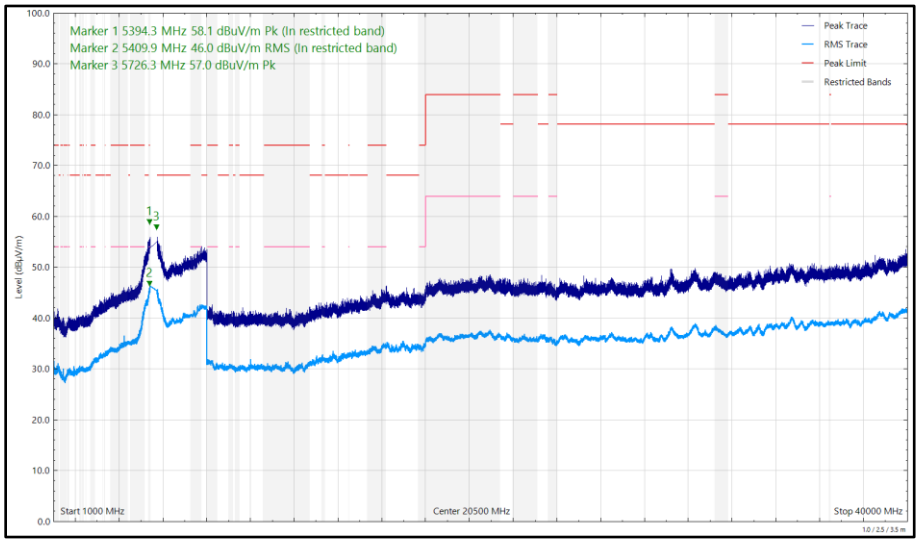

Figure 713 - U-NII-2C - 5500 MHz (CH100), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5436.994	55.80	74.00	-18.20	Peak	360	255	Vertical
5457.491	40.11	54.00	-13.89	RMS	278	390	Horizontal
5458.254	43.70	54.00	-10.30	RMS	359	235	Vertical
5766.780	60.38	68.20	-7.82	Peak	5	244	Vertical
5769.301	55.78	68.20	-12.42	Peak	294	381	Horizontal

Table 747 - U-NII-2C - 5700 MHz (CH140), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

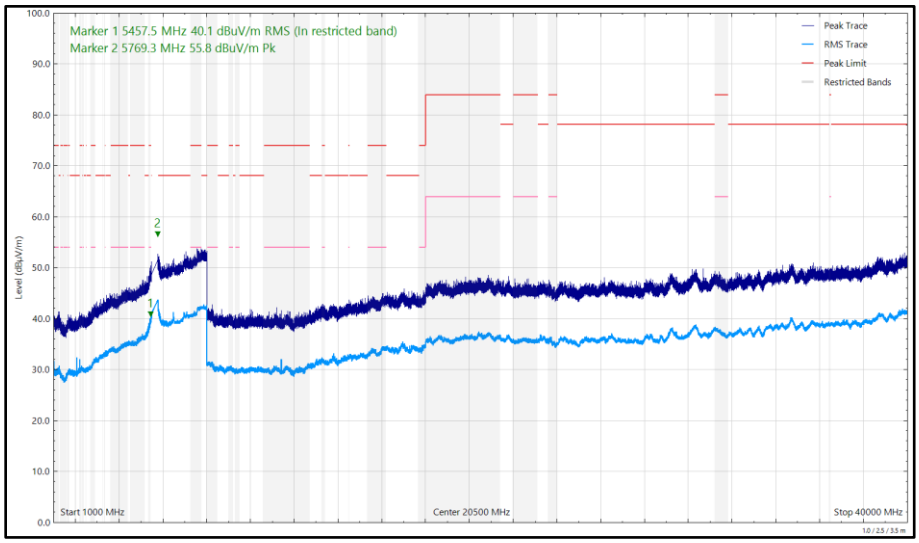

Figure 714 - U-NII-2C - 5700 MHz (CH140), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

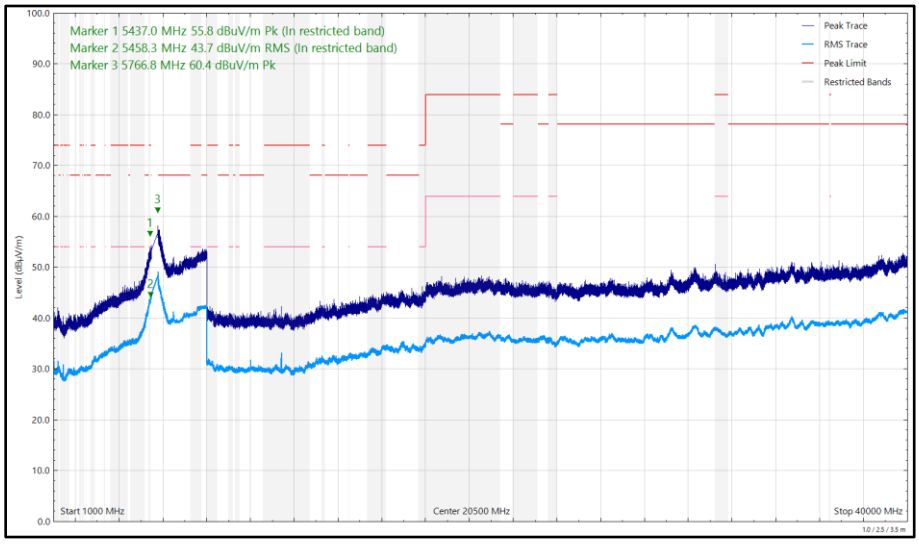

Figure 715 - U-NII-2C - 5700 MHz (CH140), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical