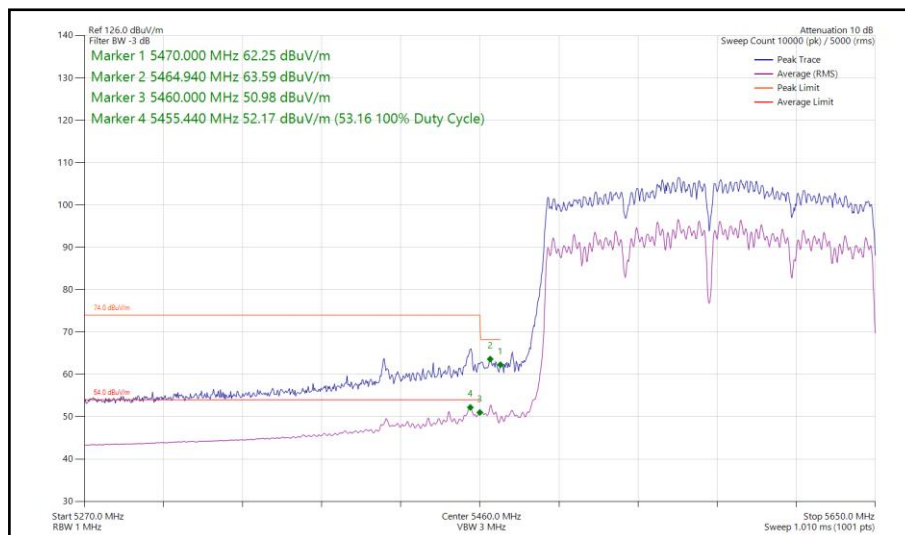


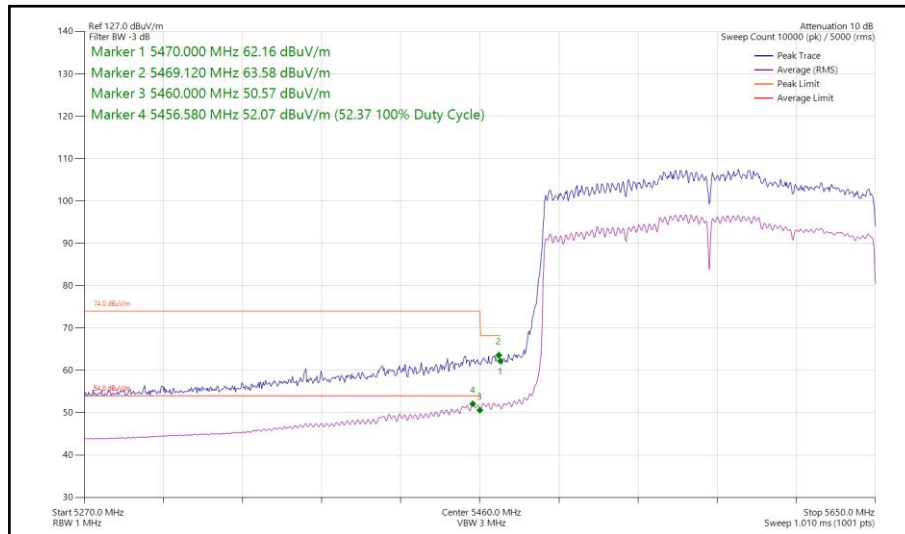
160 MHz Bandwidth - Core 0 - Core 1 (CDD)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)
802.11ac VHT160	MCS 4x1	-	-	5570	5470	63.59
802.11ax HE160	MCS 2x1	SU	-	5570	5470	63.58
802.11ax HE160	MCS 11x1	52	52S	5570	5470	56.92
802.11ac VHT160	MCS 2x1	-	-	5570	5725	63.69
802.11ax HE160	MCS 11x1	SU	-	5570	5725	63.67
802.11ax HE160	MCS 11x1	106	53P	5570	5725	58.48

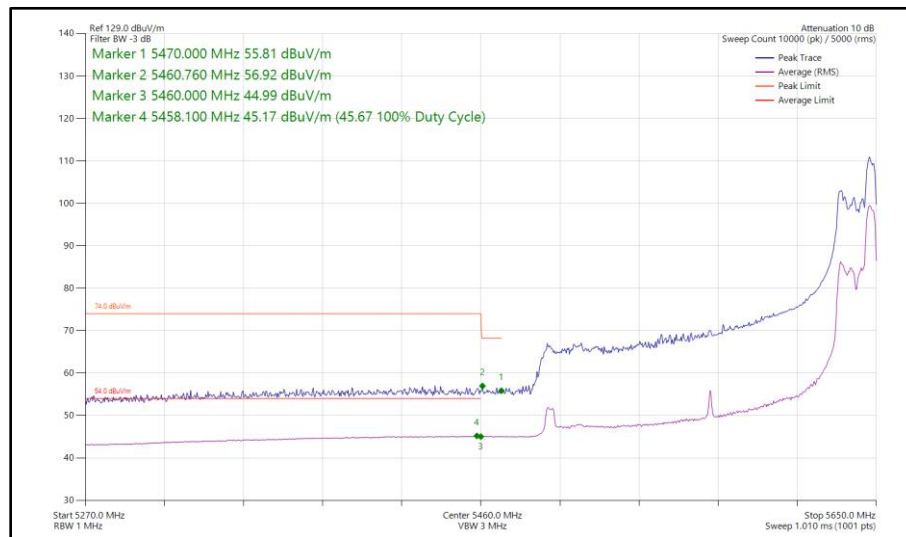
Table 708 - CDD Authorised Band Edge Results



**Figure 647 - 802.11ac VHT160, CDD, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**



**Figure 648 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**



**Figure 649 - 802.11ax HE160, RU 52-52S, CDD, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**

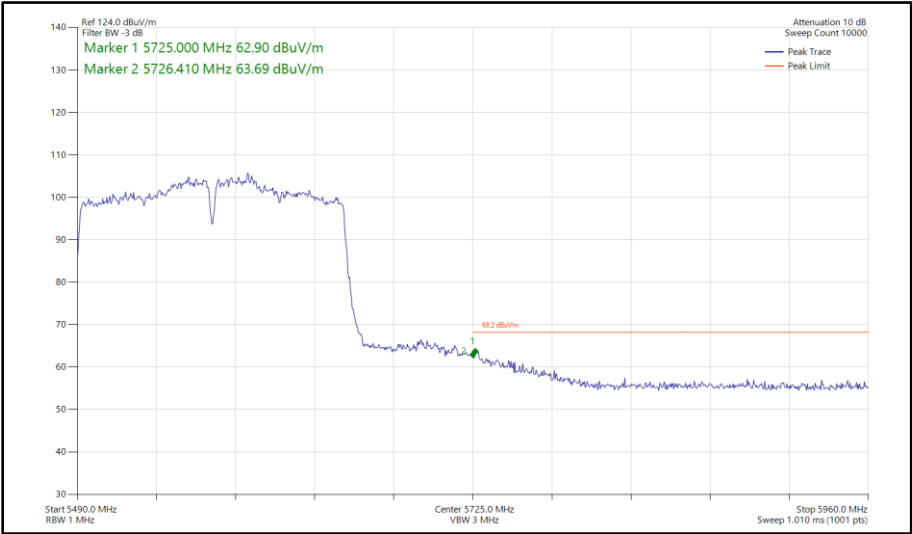


Figure 650 - 802.11ac VHT160, CDD, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz

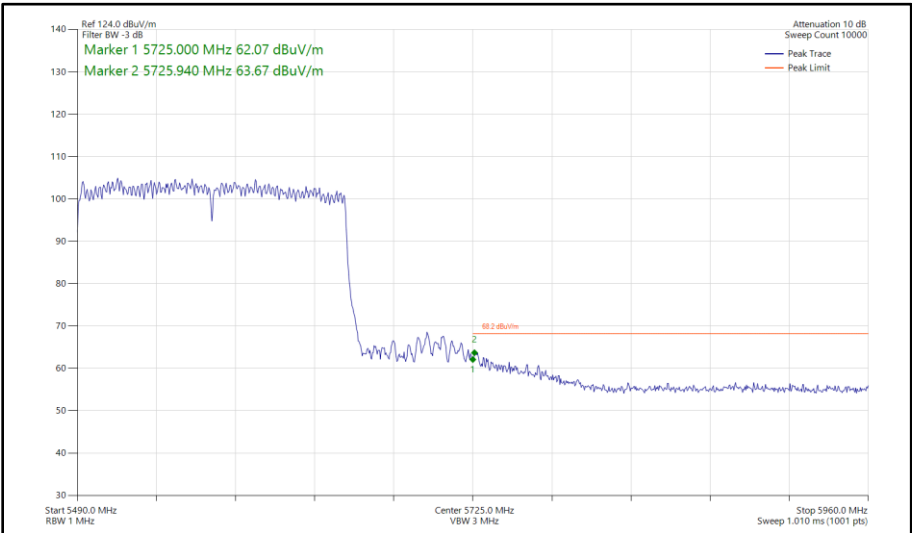
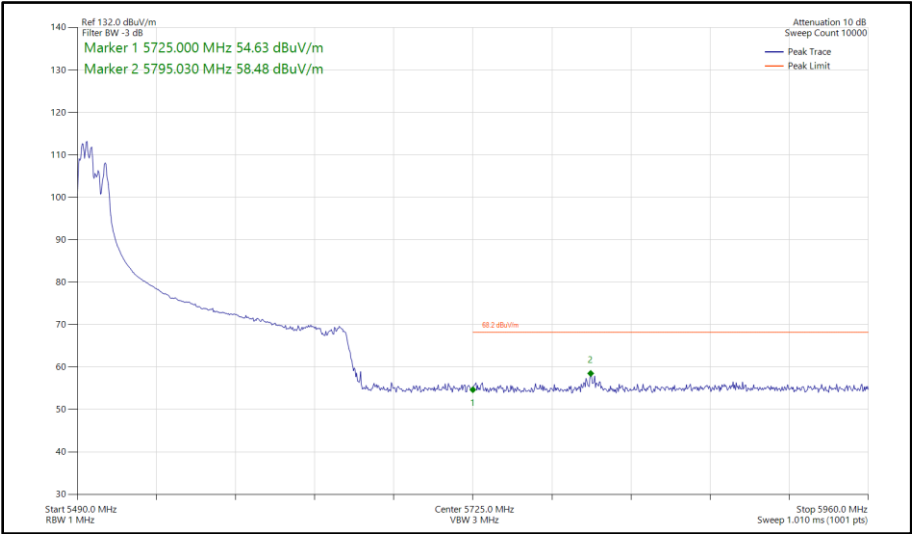


Figure 651 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz



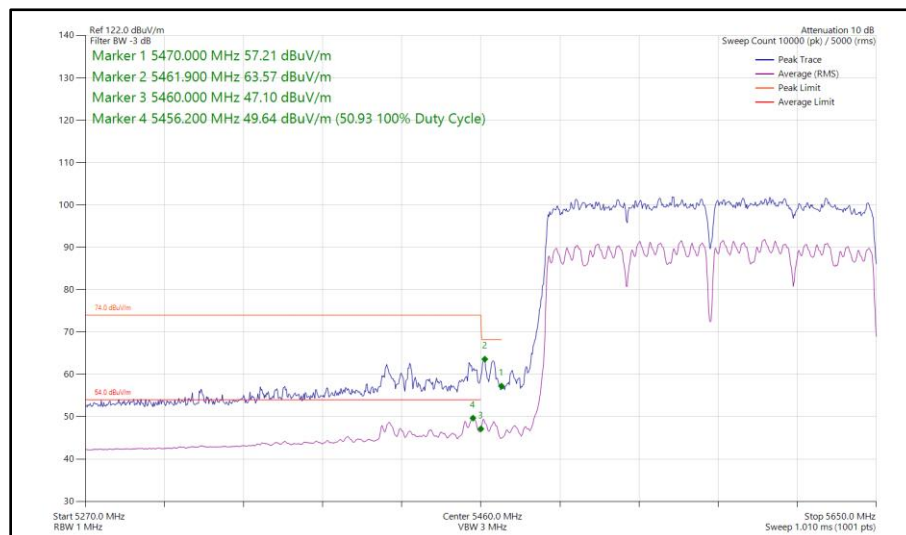
**Figure 652 - 802.11ax HE160, RU 106-53P, CDD, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz**



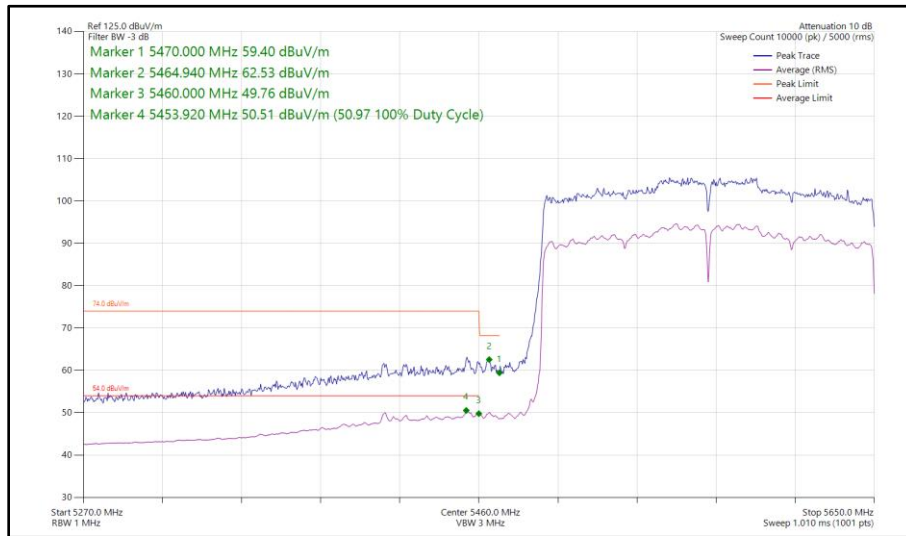
160 MHz Bandwidth - Core 0 - Core 1 (SDM)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)
802.11ac VHT160	MCS 7x2	-	-	5570	5470	63.57
802.11ax HE160	MCS 2x2	SU	-	5570	5470	62.53
802.11ax HE160	MCS 11x2	106	53P	5570	5470	54.72
802.11ac VHT160	MCS 4x2	-	-	5570	5725	63.46
802.11ax HE160	MCS 2x2	SU	-	5570	5725	63.20
802.11ax HE160	MCS 11x2	52	37P	5570	5725	56.47

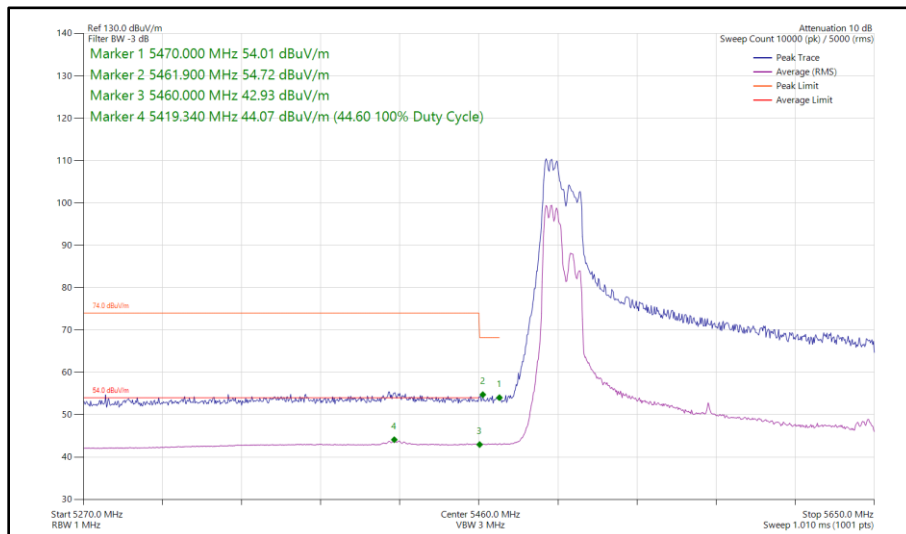
Table 709 - SDM Authorised Band Edge Results



**Figure 653 - 802.11ac VHT160, SDM, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**



**Figure 654 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**



**Figure 655 - 802.11ax HE160, RU 106-53P, SDM, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**

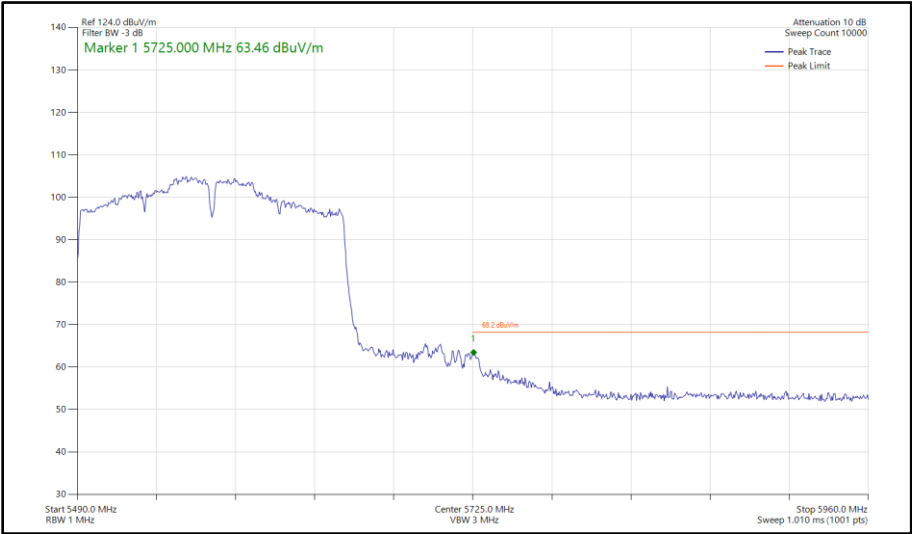


Figure 656 - 802.11ac VHT160, SDM, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz

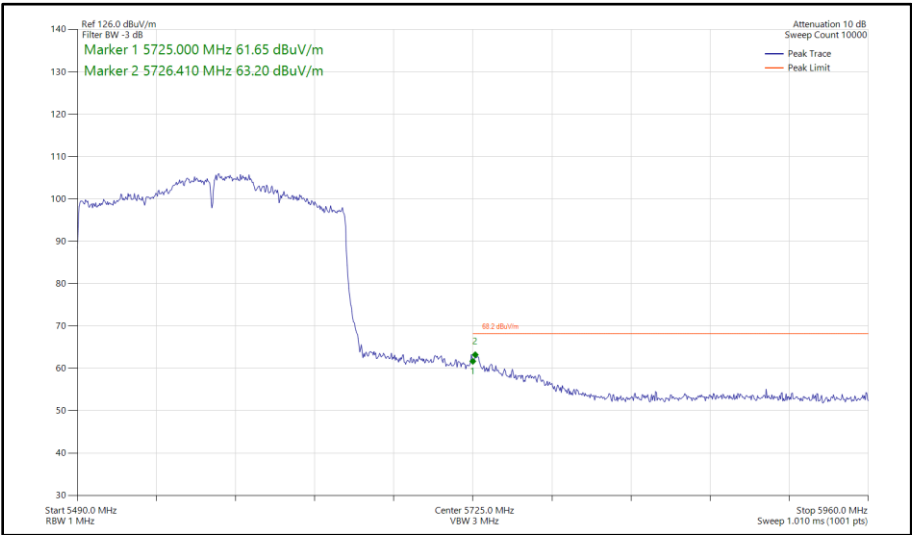
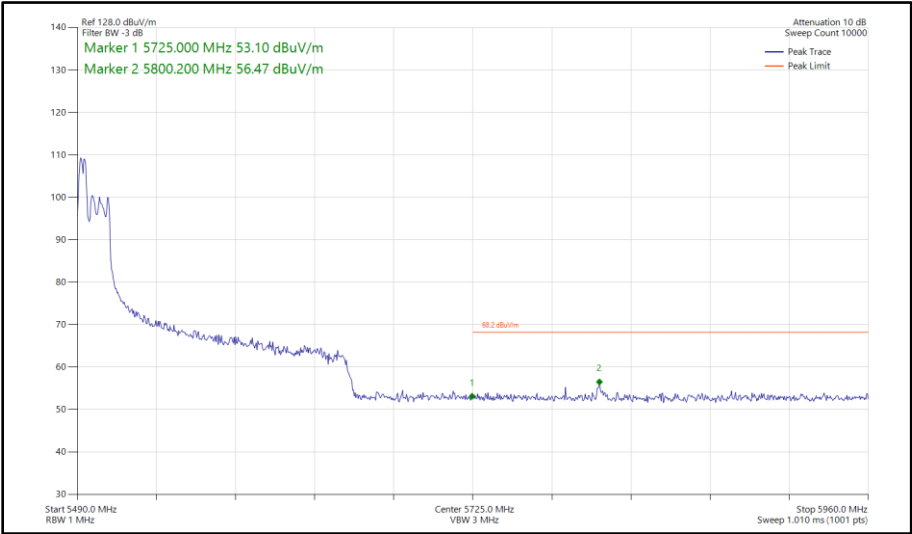


Figure 657 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz



**Figure 658 - 802.11ax HE160, RU 52-37P, 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, RF Chamber 15 and RF Chamber 17.

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	5911	12	11-Sep-2024
EMI Test Receiver	Rohde & Schwarz	ESW44	5912	12	05-Jul-2024
Test Receiver	Rohde & Schwarz	ESW44	5914	12	24-May-2025
1500W (300V 12A) AC Power Supply	iTech	IT7324	5955	-	O/P Mon
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
5m Semi-Anechoic Chamber (Dual-Axis), Chamber 15	Albatross Projects	RF Chamber 15	5963	36	28-Apr-2025
Compact Antenna Mast	Maturo GmbH	CAM4.0-P	5964	-	TU
Mast & Turntable Controller	Maturo GmbH	FCU3.0	5966	-	TU
Tilt Antenna Mast	Maturo GmbH	BAM4.5-P	5967	-	TU
Turntable	Maturo GmbH	TT1.5SI	5968	-	TU
Power Supply Unit	Hewlett Packard	6253A	441	-	O/P Mon
EMI Test Receiver	Rohde & Schwarz	ESW44	5379	12	12-Dec-2024
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6457	12	05-May-2025
3m Semi-Anechoic Chamber 17	Albatross Projects	RF Chamber 17	6658	36	28-Jan-2026
Power Supply Unit	iTech	IT7324	6657	-	O/P Mon
Mast & Turntable Controller	Maturo GmbH	FCU3.0	6659	-	TU
Tilt Antenna Mast	Maturo GmbH	BAM4.5-P	6660	-	TU
Turntable	Maturo GmbH	TT1.5SI	6661	-	TU
Horn Antenna (1-8 GHz)	Schwarzbeck	BBHA 9120 B	6457	12	05-May-2025
8m Cable	Junkosha	MWX221-08000AMSAMS/B	6748	12	01-Feb-2025
Attenuator	RF-Lambda	RFS5G08B10SMF	6732	12	07-Jan-2025
Preamplifier	Hewlett Packard	HP8449B	6762	12	28-Feb-2025
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	5996	12	20-May-2025
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	5997	12	14-Sep-2024
Cable (SMA to SMA 4.5m)	Junkosha	MWX221-04500AMSAMS/A	6002	12	14-Sep-2024
Cable (SMA to SMA 3m)	Junkosha	MWX221-03000AMSAMS/A	6021	12	14-Sep-2024
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6140	12	05-May-2025
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6141	12	05-May-2025
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6142	12	05-May-2025
Digital Multimeter	Fluke	115	6145	12	15-Jun-2024*
Digital Multimeter	Fluke	115	6147	12	16-Jun-2024*
Humidity & Temperature meter	R.S Components	1364	6148	12	21-Jul-2024*
Humidity & Temperature meter	R.S Components	1364	6148	12	29-Jul-2025*
Humidity & Temperature meter	R.S Components	1364	6149	12	07-Jul-2024*



Humidity & Temperature meter	R.S Components	1364	6149	12	12-Aug-2025*
SAC Switch Unit	TUV SUD	TUV_SSU_001	6190	12	22-Dec-2024
Cable (SMA to SMA 3m)	Junkosha	MWX221-03000AMSAMS/A	6316	12	04-Feb-2025
1m Cable	Junkosha	MWX241-01000AMSAMS/B	6740	12	01-Feb-2025
1m Cable	Junkosha	MWX241-01000AMSAMS/B	6741	12	01-Feb-2025
6.5m Cable	Junkosha	MWX221-06500AMSAMS/B	6744	12	01-Feb-2025

Table 710

*Equipment was only employed during its calibration period.

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

A3238, S/N: NQMK2V7Q9C - Modification State 0

2.6.3 Date of Test

12-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 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

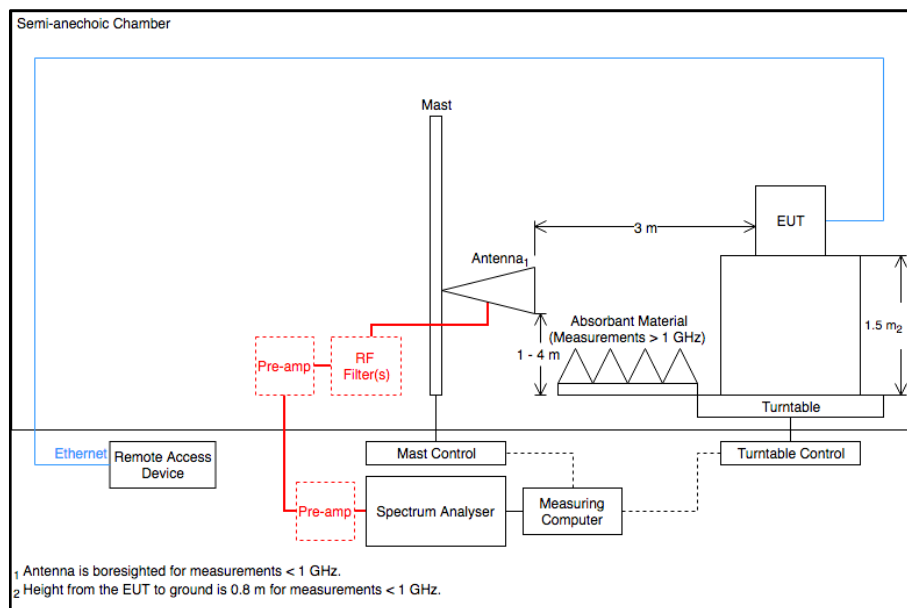


Figure 659 - Radiated Emissions Test Setup Diagram

2.6.6 Environmental Conditions

Ambient Temperature	20.5 - 24.3 °C
Relative Humidity	39.2 - 49.0 %

2.6.7 Test Results

5 GHz WLAN

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
202.396	24.33	43.50	-19.17	Q-Peak	235	108	Vertical
281.450	25.17	46.00	-20.83	Q-Peak	51	103	Horizontal
335.799	26.68	46.00	-19.32	Q-Peak	110	123	Vertical
340.340	30.91	46.00	-15.09	Q-Peak	313	110	Horizontal
401.509	24.46	46.00	-21.54	Q-Peak	5	305	Horizontal
404.732	23.86	46.00	-22.14	Q-Peak	71	222	Vertical
5109.547	37.90	54.00	-16.10	RMS	207	360	Horizontal
5109.799	41.49	54.00	-12.51	RMS	273	400	Vertical
5362.758	37.12	54.00	-16.88	RMS	217	171	Horizontal
5374.360	41.18	54.00	-12.82	RMS	241	142	Vertical

Table 711 - 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.

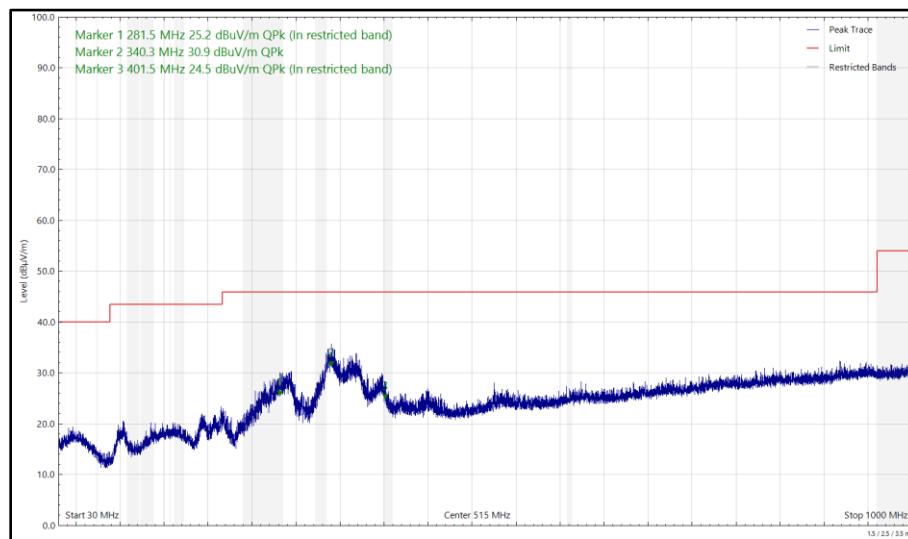


Figure 660 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

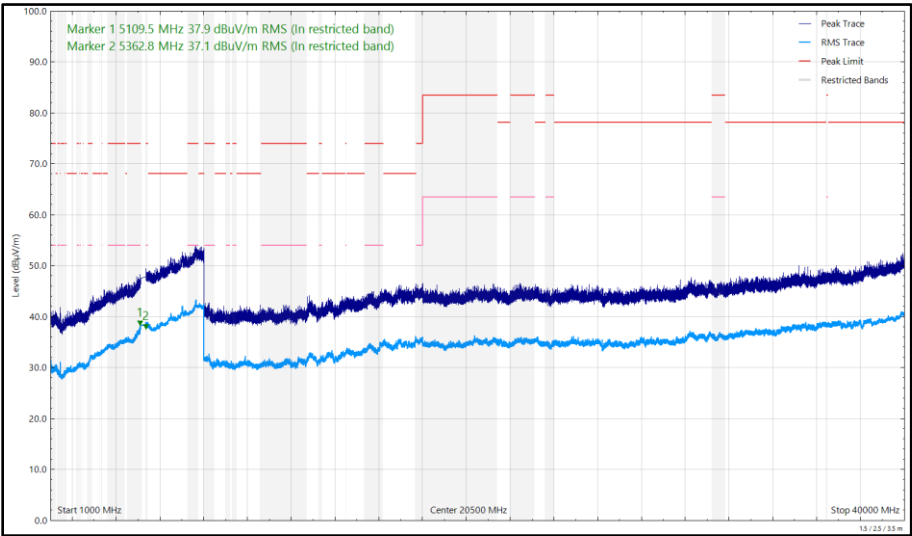


Figure 661 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

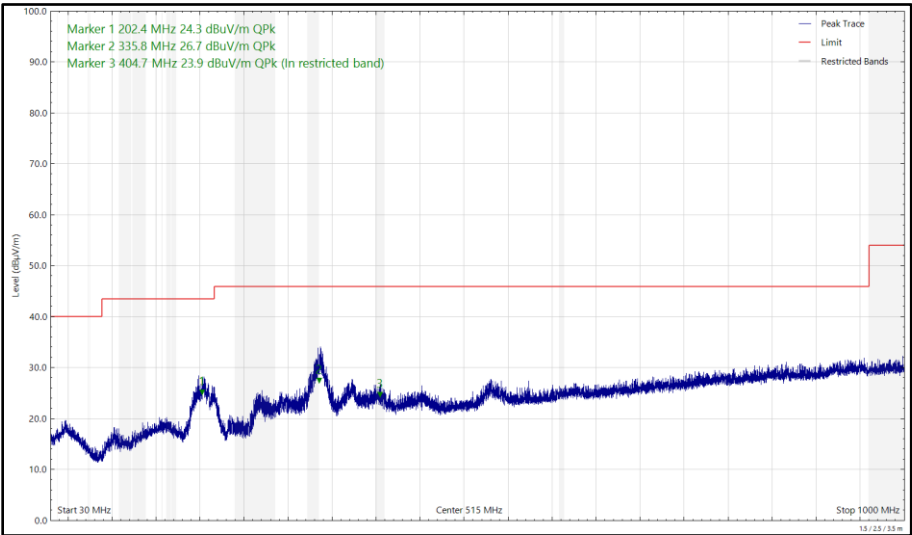


Figure 662 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

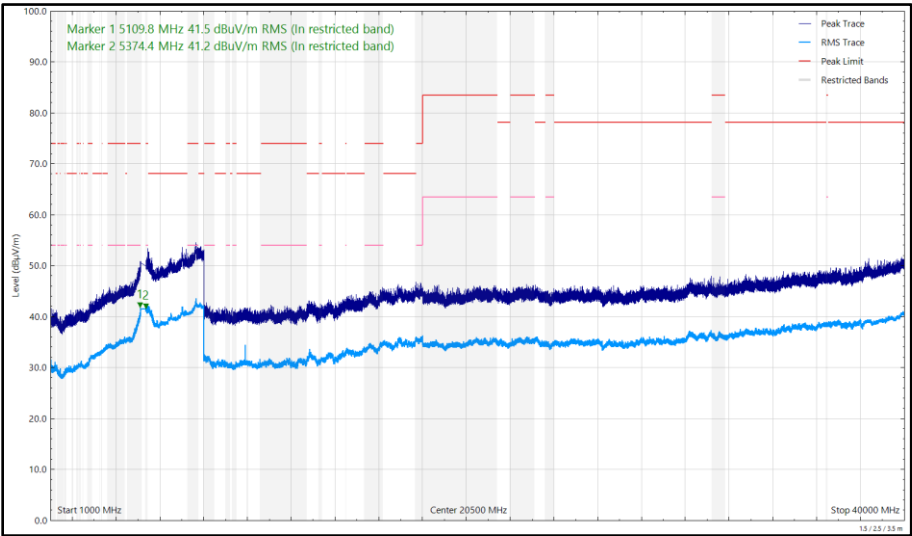


Figure 663 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5132.037	39.79	54.00	-14.21	RMS	272	400	Vertical
5132.204	37.34	54.00	-16.66	RMS	208	348	Horizontal
5390.013	38.94	54.00	-15.06	RMS	193	378	Horizontal
5390.026	43.51	54.00	-10.49	RMS	239	134	Vertical

Table 712 - 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.

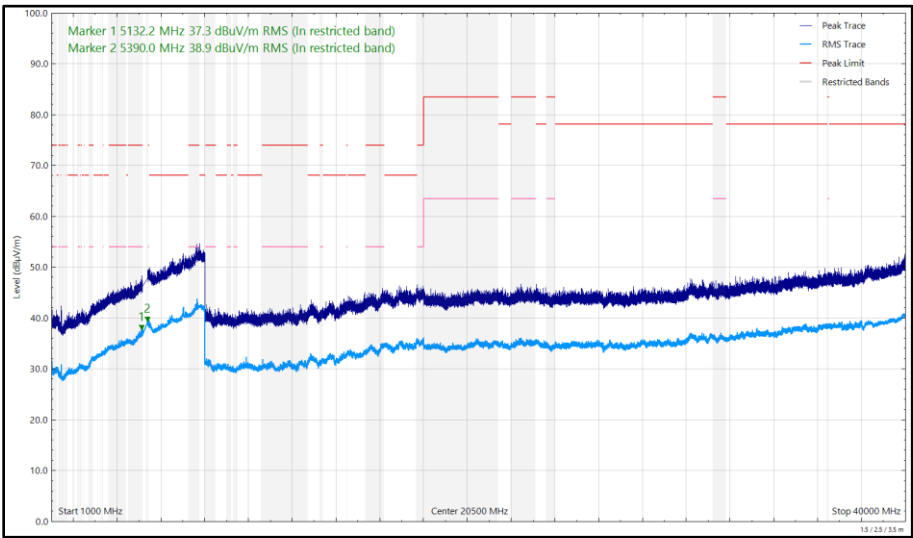


Figure 664 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

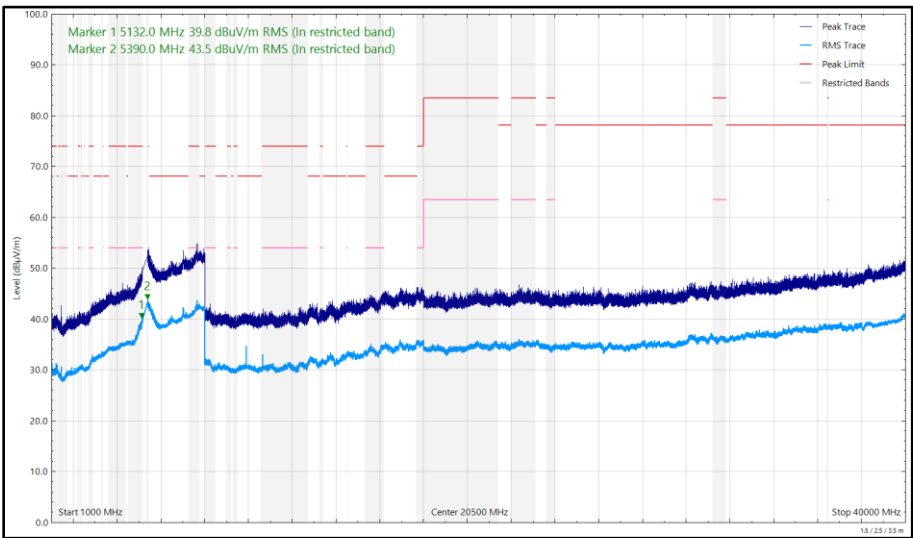


Figure 665 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5342.448	52.84	68.20	-15.36	Peak	274	139	Vertical
5408.857	37.32	54.00	-16.68	RMS	191	365	Horizontal
5409.781	41.73	54.00	-12.27	RMS	260	379	Vertical
10997.270	36.06	54.00	-17.94	RMS	92	104	Vertical

Table 713 - 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.

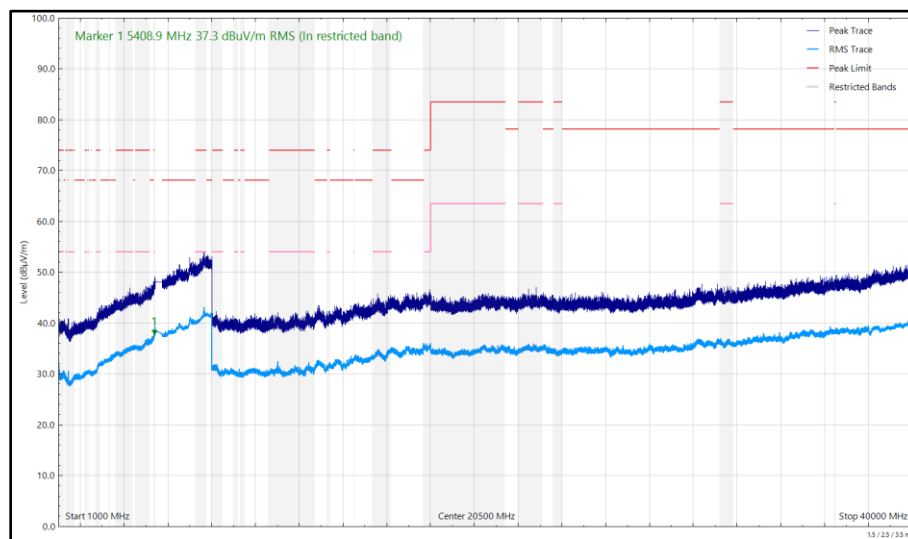


Figure 666 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

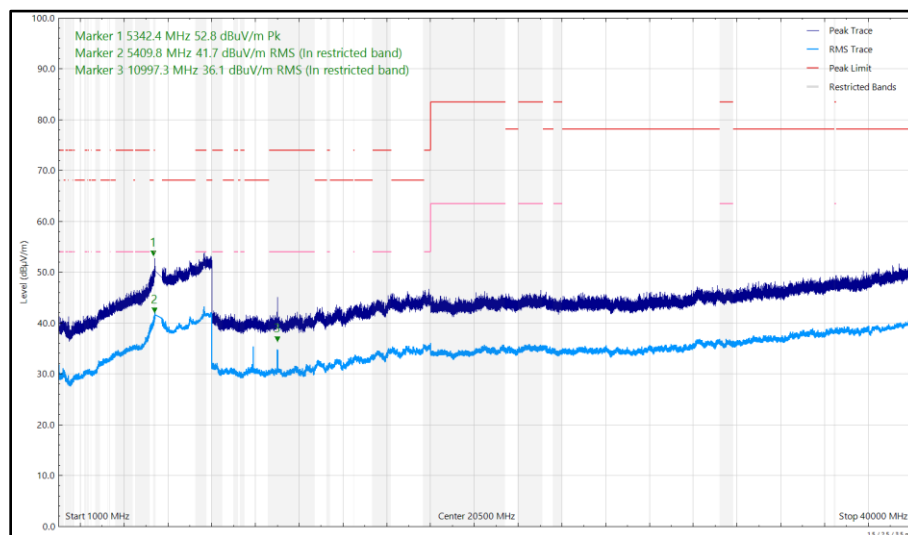


Figure 667 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5428.223	37.24	54.00	-16.76	RMS	197	126	Horizontal
5457.097	40.00	54.00	-14.00	RMS	256	109	Vertical
5463.883	50.22	68.20	-17.98	Peak	202	233	Horizontal
5463.971	53.37	68.20	-14.83	Peak	239	160	Vertical
5760.516	54.48	68.20	-13.72	Peak	219	100	Vertical

Table 714 - 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.

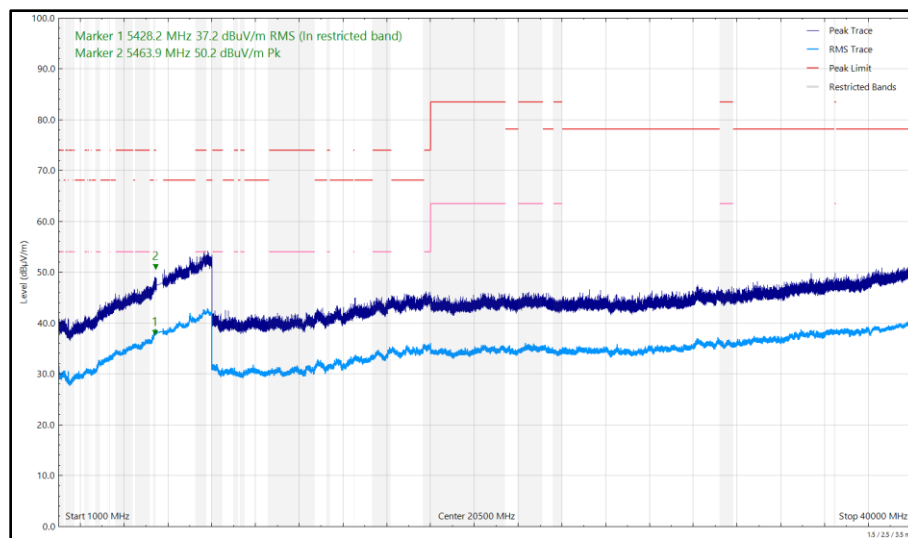


Figure 668 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

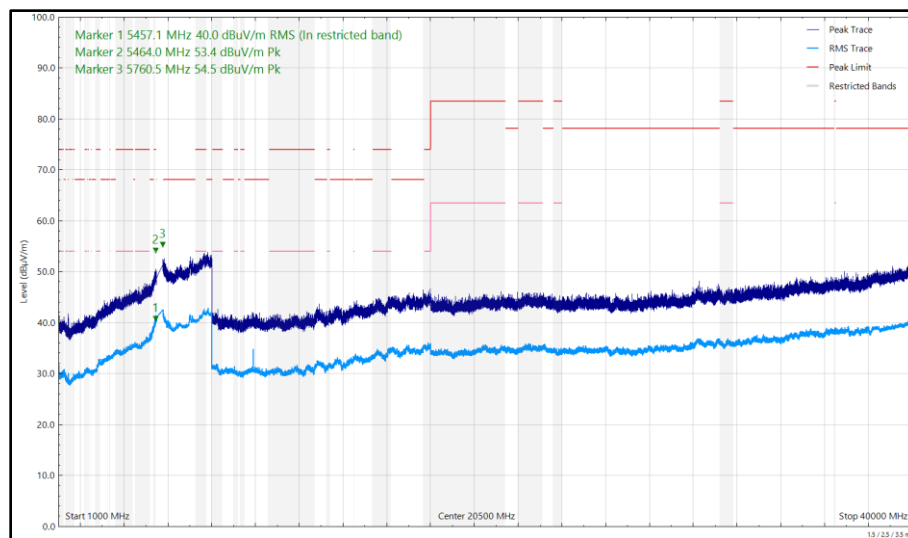


Figure 669 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5459.807	40.13	54.00	-13.87	RMS	237	158	Vertical
5590.483	54.11	68.20	-14.09	Peak	238	136	Vertical
5861.470	53.09	68.20	-15.11	Peak	212	240	Vertical

Table 715 - 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.

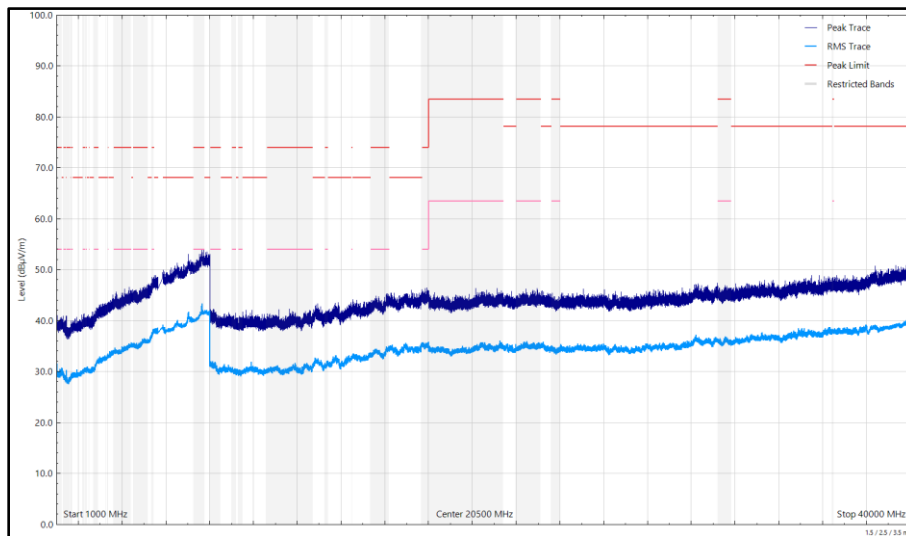


Figure 670 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

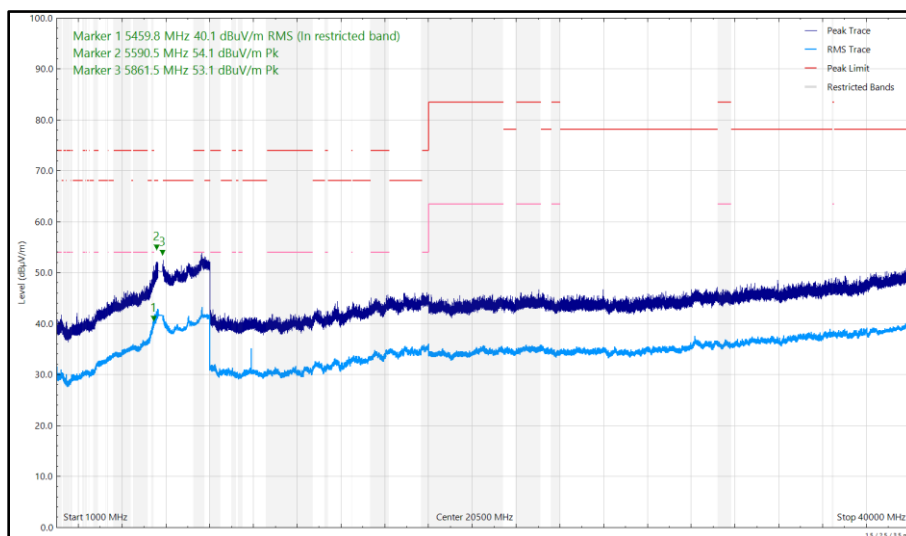


Figure 671 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
217.619	24.72	46.00	-21.28	Q-Peak	41	104	Vertical
284.924	25.27	46.00	-20.73	Q-Peak	35	116	Horizontal
334.815	28.26	46.00	-17.74	Q-Peak	34	101	Horizontal
336.079	28.54	46.00	-17.46	Q-Peak	129	137	Vertical
404.038	23.99	46.00	-22.01	Q-Peak	288	390	Horizontal
534.712	26.40	46.00	-19.60	Q-Peak	4	113	Vertical
5429.708	39.52	54.00	-14.48	RMS	262	372	Vertical
5721.398	52.31	68.20	-15.89	Peak	225	171	Horizontal
5722.277	57.31	68.20	-10.89	Peak	233	152	Vertical

Table 716 - 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.

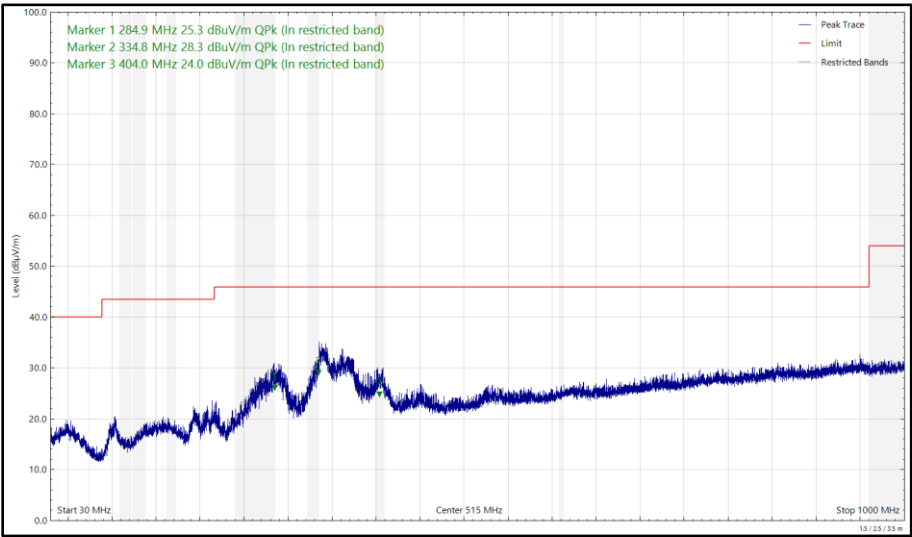


Figure 672 - U-NII-3 - 5825 MHz (CH165), a, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

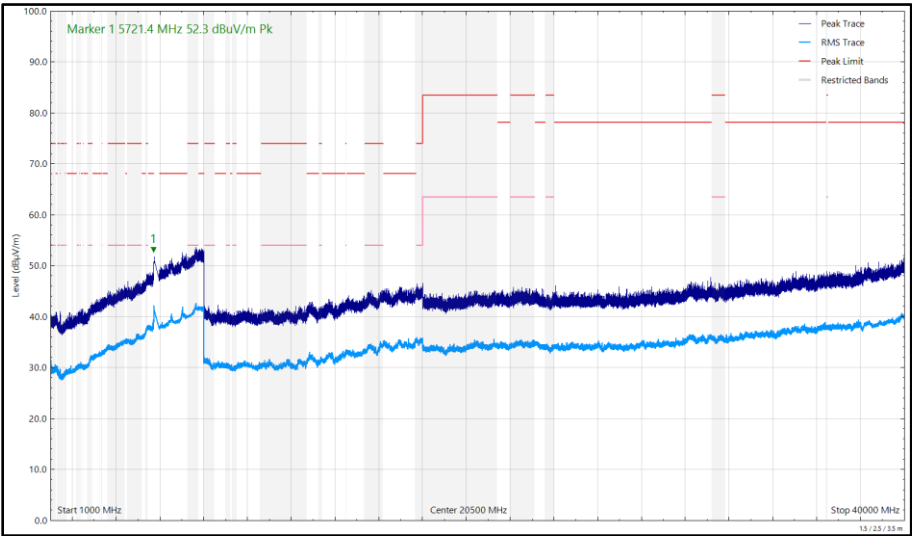


Figure 673 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

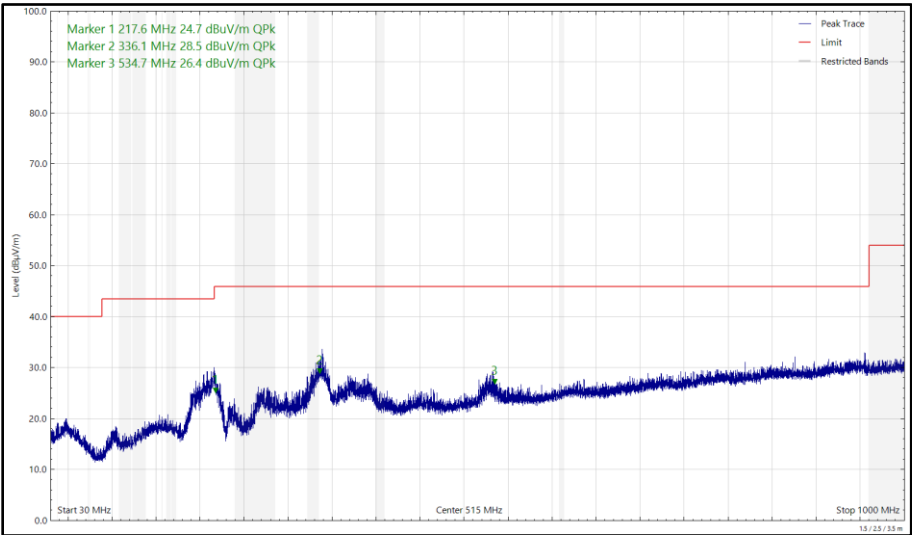


Figure 674 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

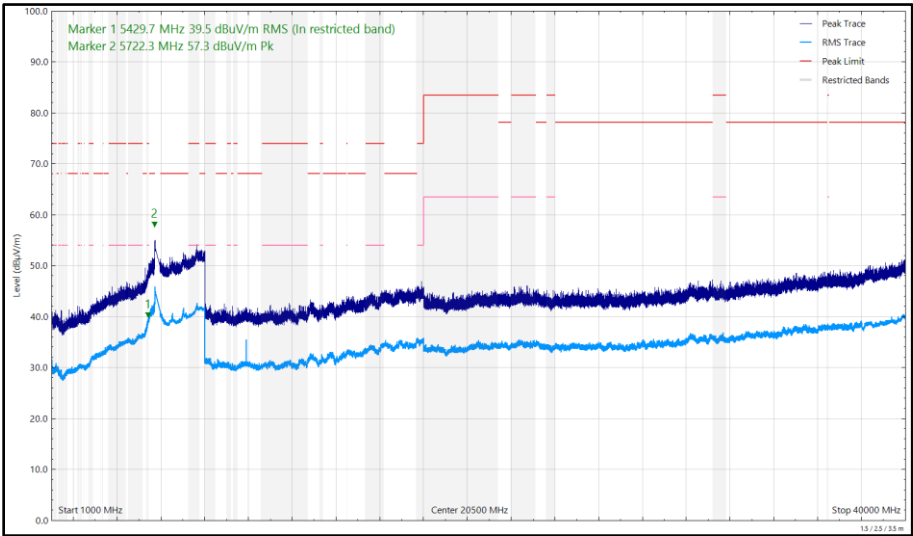


Figure 675 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
215.585	26.08	43.50	-17.42	Q-Peak	58	100	Vertical
284.768	25.72	46.00	-20.28	Q-Peak	41	100	Horizontal
337.556	27.72	46.00	-18.28	Q-Peak	105	104	Vertical
342.853	31.16	46.00	-14.84	Q-Peak	319	103	Horizontal
404.380	25.92	46.00	-20.08	Q-Peak	302	100	Horizontal
531.386	25.71	46.00	-20.29	Q-Peak	324	328	Vertical
5107.502	40.95	54.00	-13.05	RMS	105	120	Vertical
5109.934	37.58	54.00	-16.42	RMS	147	111	Horizontal
5397.137	41.33	54.00	-12.67	RMS	95	376	Vertical
5426.080	37.00	54.00	-17.00	RMS	225	295	Horizontal

Table 717 - 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.

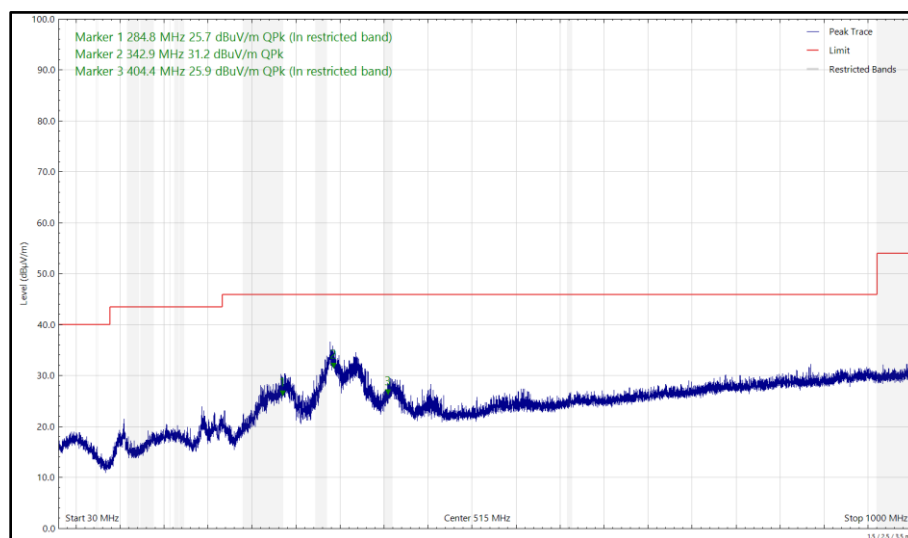


Figure 676 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

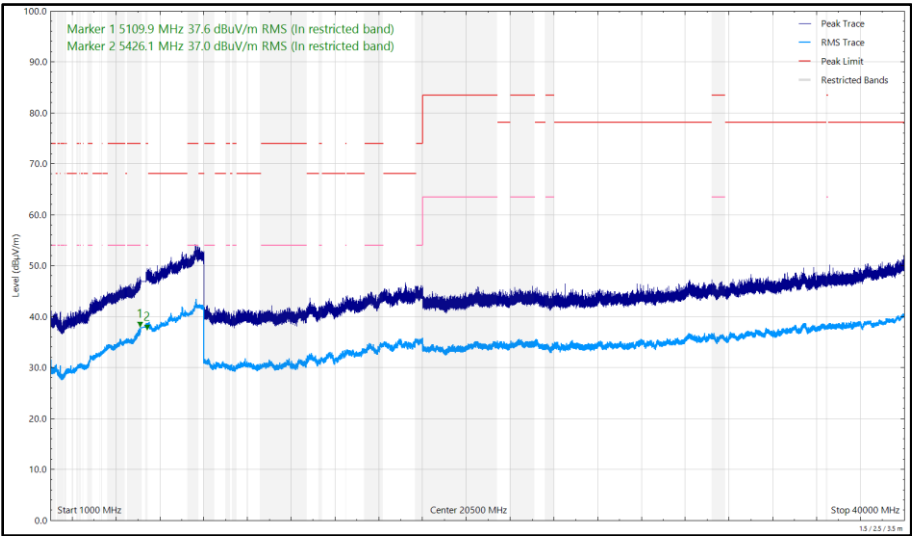


Figure 677 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

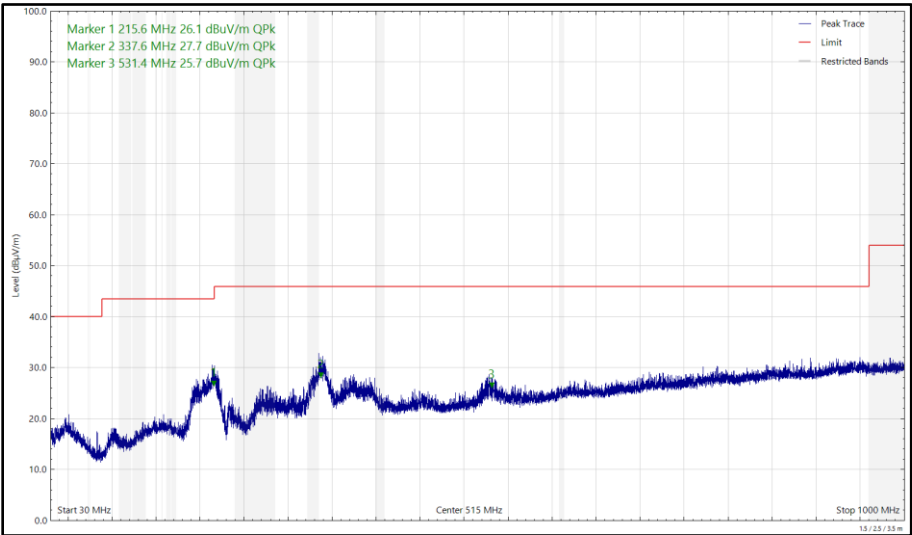


Figure 678 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

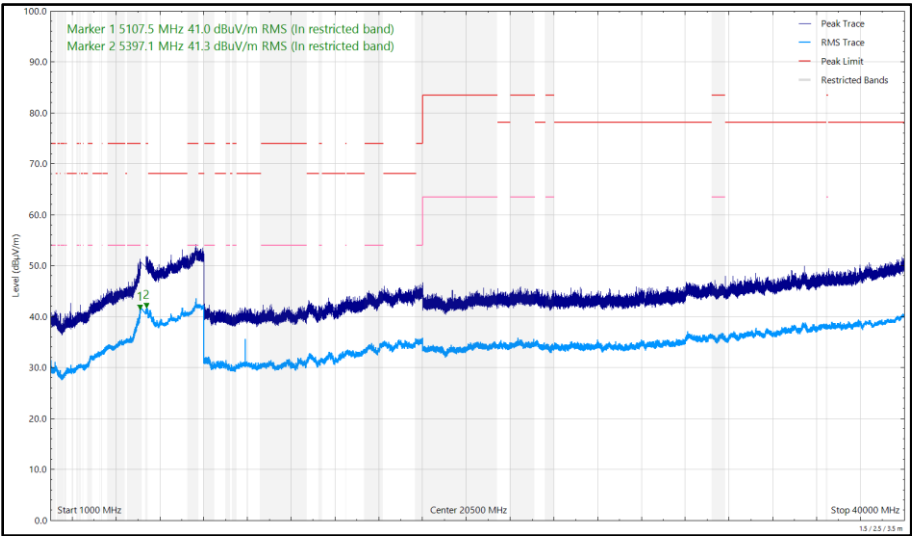


Figure 679 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5146.863	40.42	54.00	-13.58	RMS	84	392	Vertical
5390.154	44.06	54.00	-9.94	RMS	89	354	Vertical
5399.683	55.44	74.00	-18.56	Peak	88	330	Vertical
5430.780	40.14	54.00	-13.86	RMS	143	173	Horizontal

Table 718 - 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.

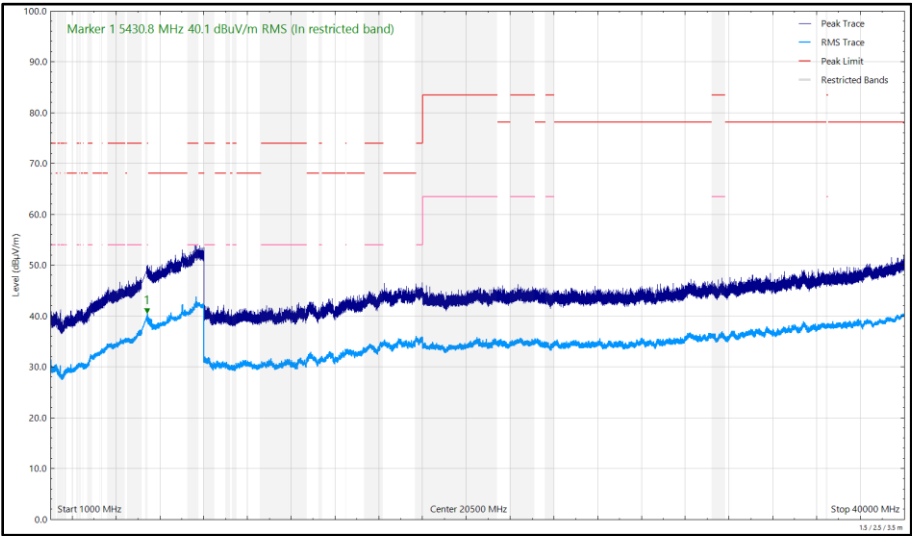


Figure 680 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

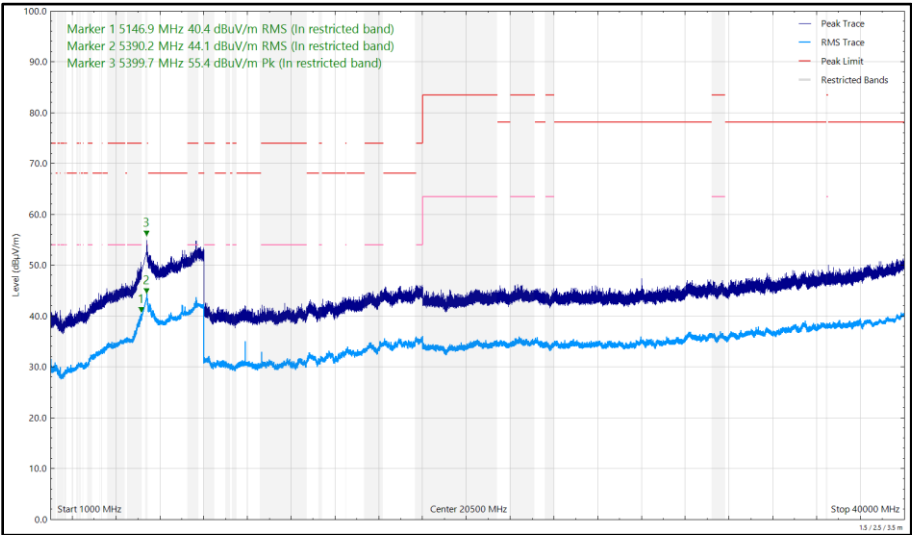


Figure 681 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5346.095	52.68	68.20	-15.52	Peak	86	382	Vertical
5408.741	38.56	54.00	-15.44	RMS	175	397	Horizontal
5408.972	41.54	54.00	-12.46	RMS	82	399	Vertical
11000.155	35.75	54.00	-18.25	RMS	92	105	Vertical

Table 719 - 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.

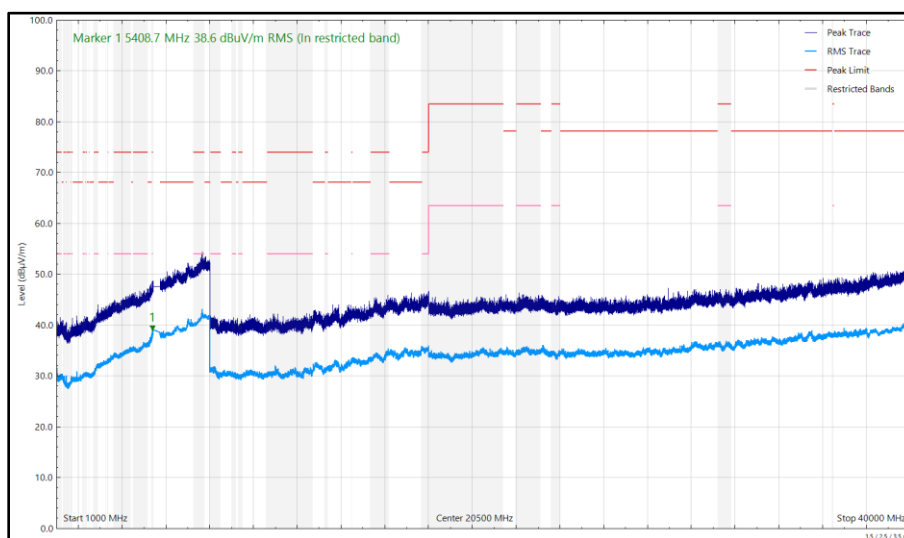


Figure 682 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

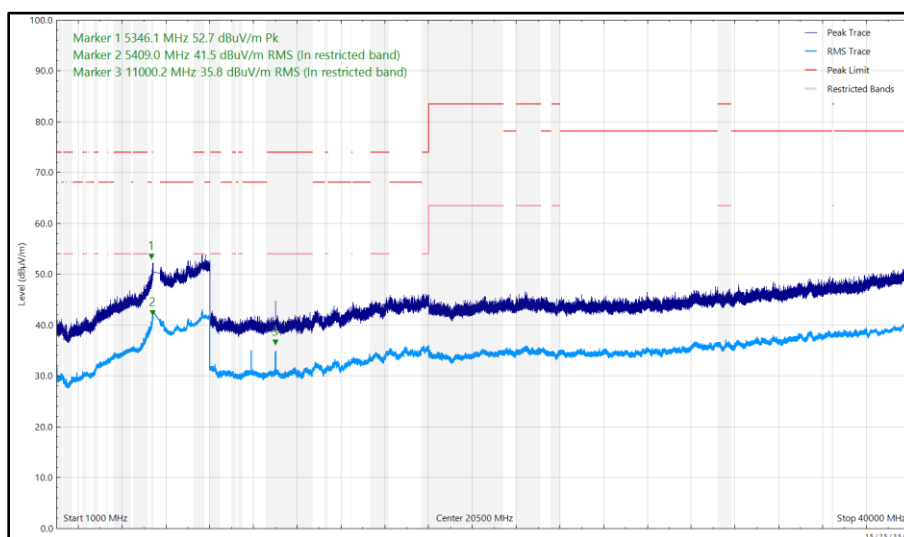


Figure 683 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5455.152	39.06	54.00	-14.94	RMS	348	101	Vertical
5469.741	52.98	68.20	-15.22	Peak	113	107	Vertical
5760.645	55.37	68.20	-12.83	Peak	95	364	Vertical

Table 720 - 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.

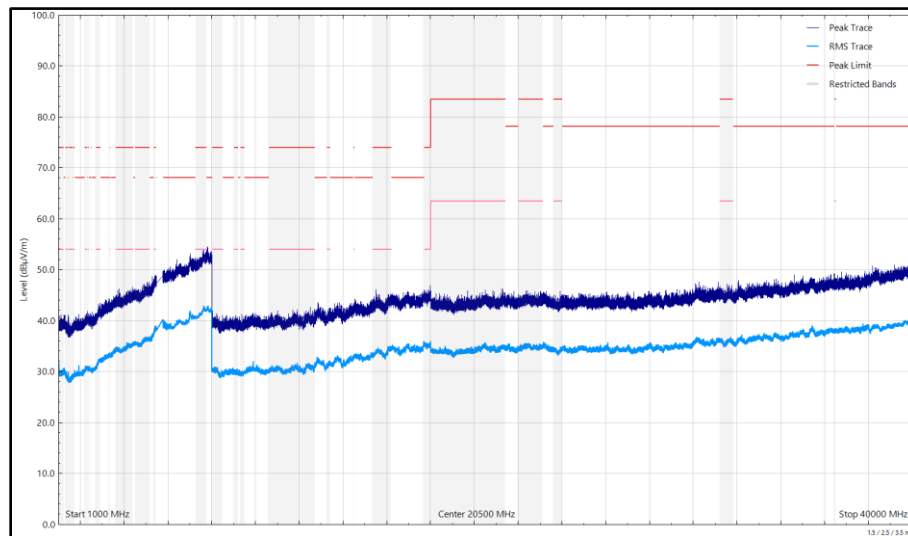


Figure 684 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

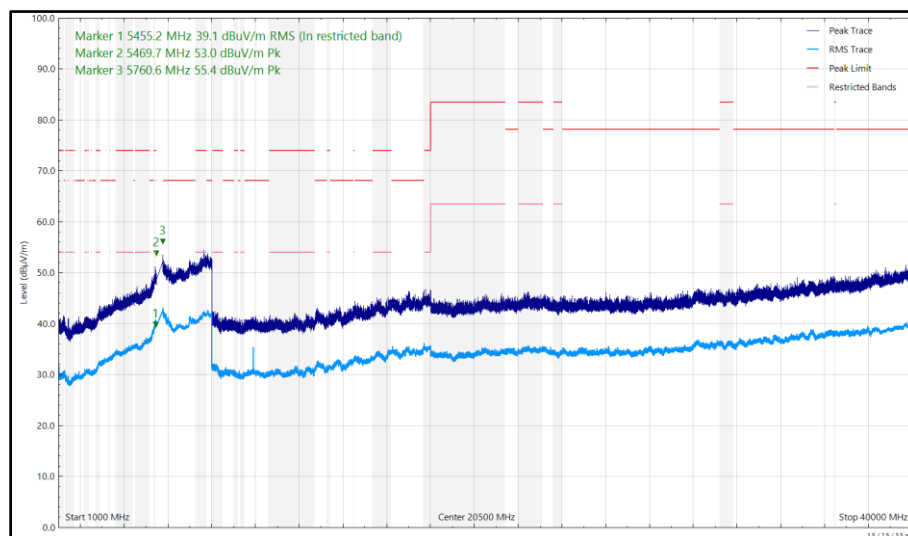


Figure 685 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5423.695	39.53	54.00	-14.47	RMS	111	100	Vertical
5587.124	50.57	68.20	-17.63	Peak	155	158	Horizontal
5622.747	53.71	68.20	-14.49	Peak	104	381	Vertical
5861.657	54.85	68.20	-13.35	Peak	94	350	Vertical

Table 721 - 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.

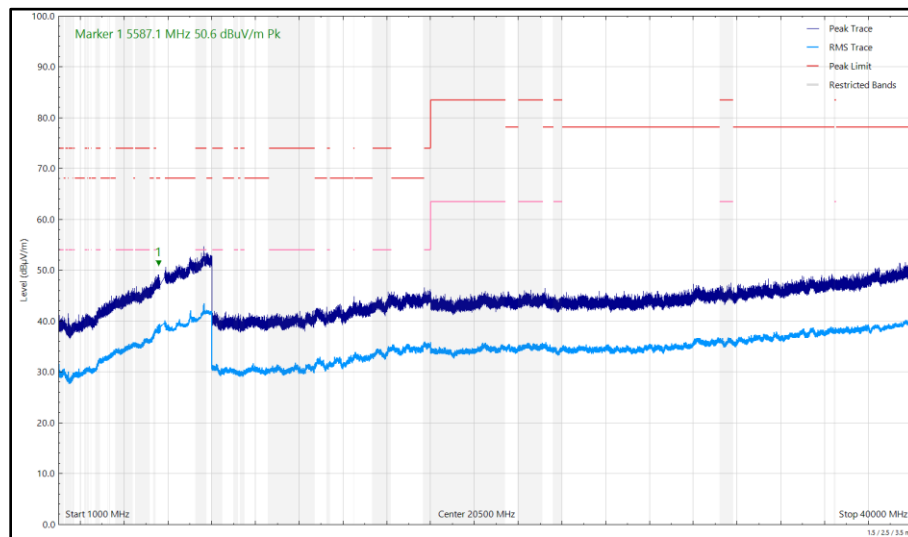


Figure 686 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

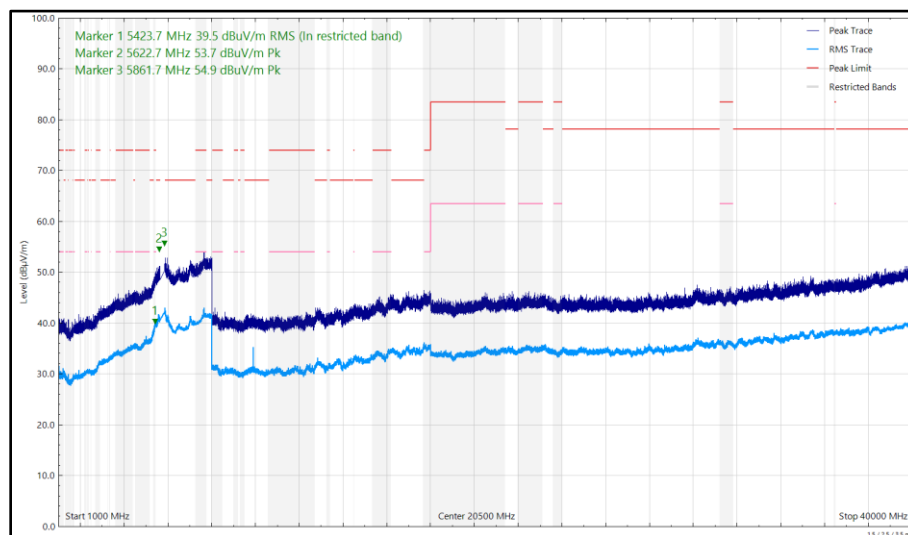


Figure 687 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
215.100	26.26	43.50	-17.24	Q-Peak	65	100	Vertical
287.081	25.68	46.00	-20.32	Q-Peak	39	107	Horizontal
336.052	28.56	46.00	-17.44	Q-Peak	124	100	Vertical
341.036	31.22	46.00	-14.78	Q-Peak	320	100	Horizontal
407.883	25.87	46.00	-20.13	Q-Peak	294	109	Horizontal
533.166	26.36	46.00	-19.64	Q-Peak	10	100	Vertical
5424.495	39.07	54.00	-14.93	RMS	110	329	Vertical
5718.619	54.36	68.20	-13.84	Peak	165	351	Horizontal
5723.657	56.92	68.20	-11.28	Peak	142	117	Vertical

Table 722 - 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.

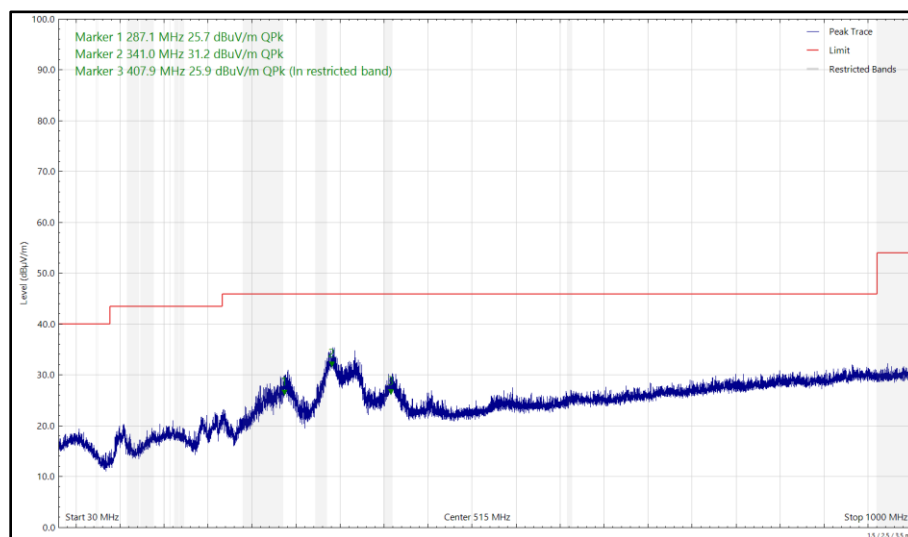


Figure 688 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

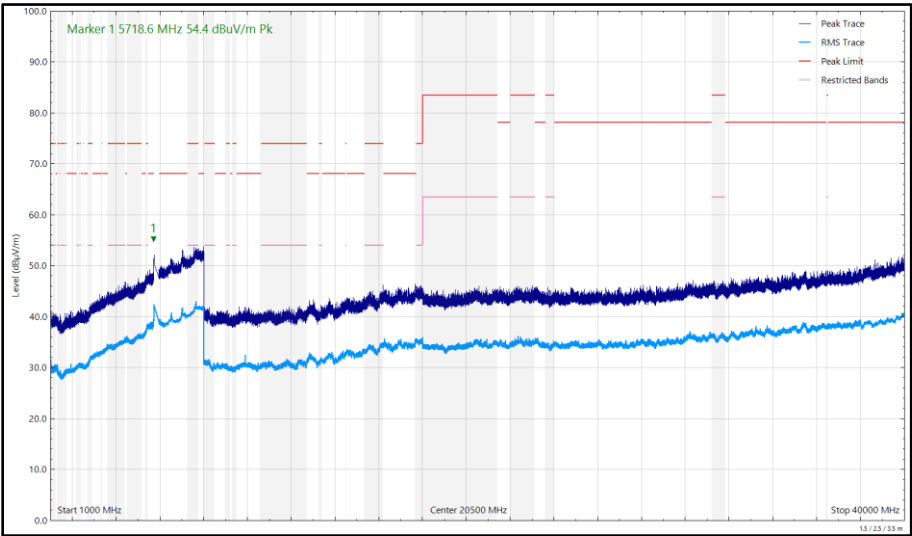


Figure 689 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

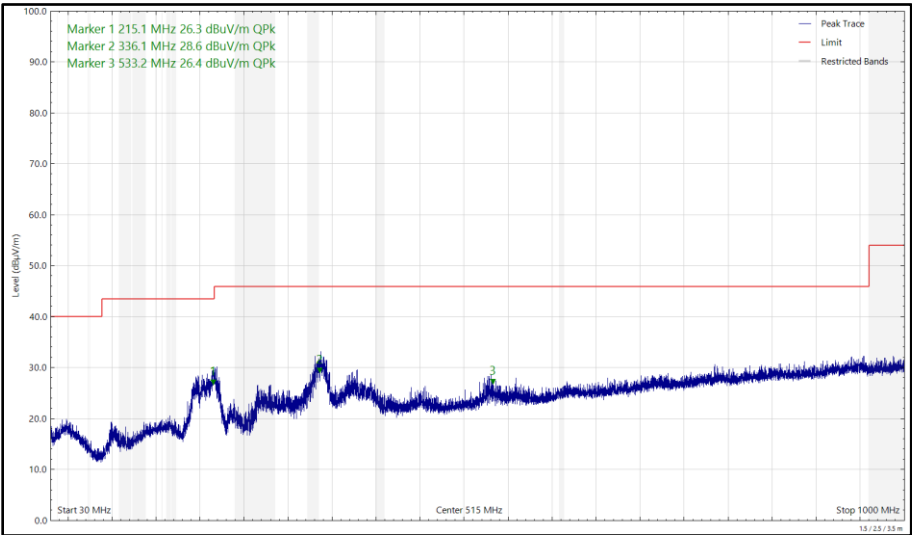


Figure 690 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

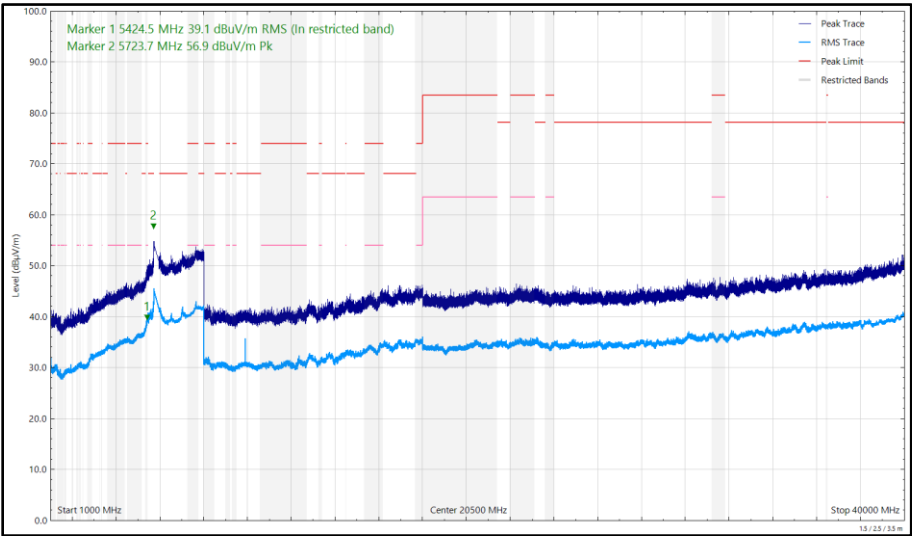
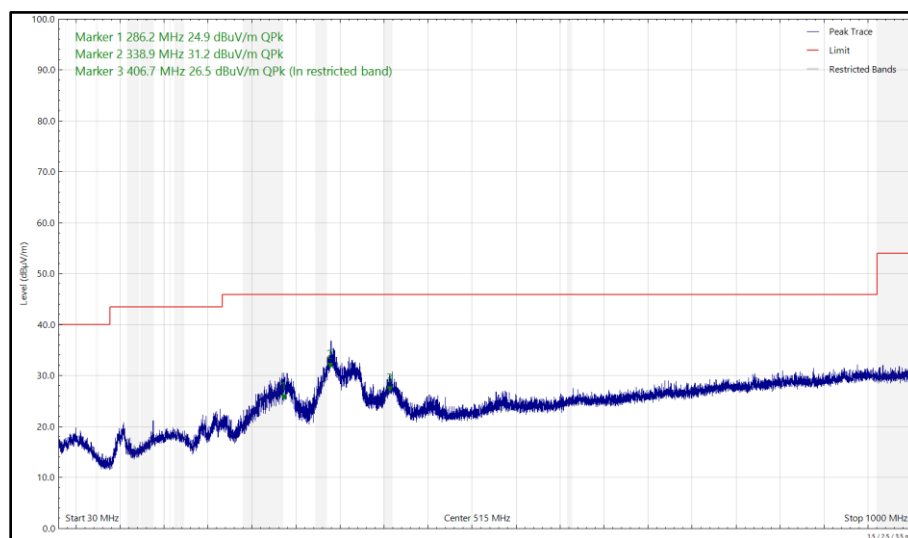


Figure 691 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
215.590	25.81	43.50	-17.69	Q-Peak	65	110	Vertical
266.870	22.03	46.00	-23.97	Q-Peak	145	120	Vertical
286.158	24.90	46.00	-21.10	Q-Peak	28	105	Horizontal
338.619	27.86	46.00	-18.14	Q-Peak	119	120	Vertical
338.943	31.18	46.00	-14.82	Q-Peak	317	100	Horizontal
406.691	26.54	46.00	-19.46	Q-Peak	303	100	Horizontal
5109.001	41.67	54.00	-12.33	RMS	261	375	Vertical
5109.575	38.17	54.00	-15.83	RMS	153	100	Horizontal
5362.696	41.43	54.00	-12.57	RMS	263	364	Vertical
5425.328	39.21	54.00	-14.79	RMS	167	347	Horizontal

Table 723 - 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 692 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1
30 MHz to 1 GHz, Horizontal (Peak)**

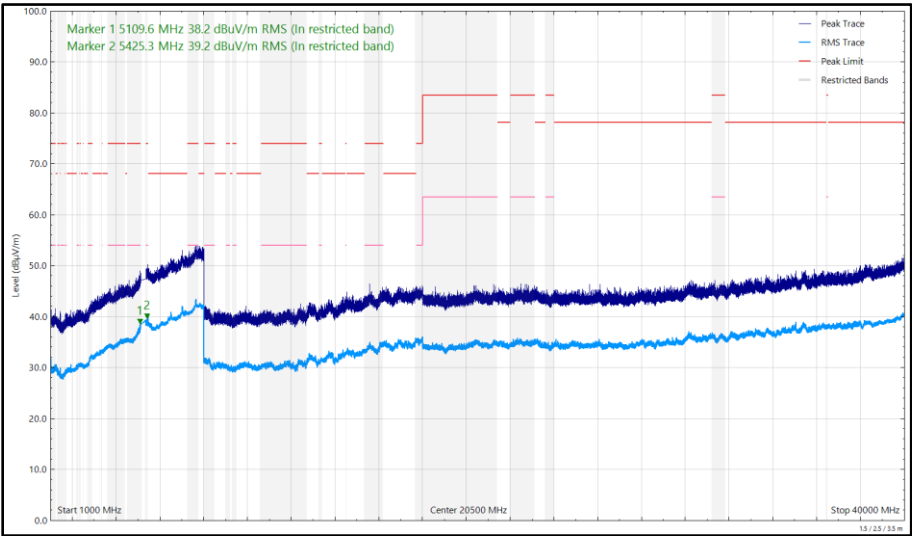


Figure 693 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1
1 GHz to 40 GHz, Horizontal

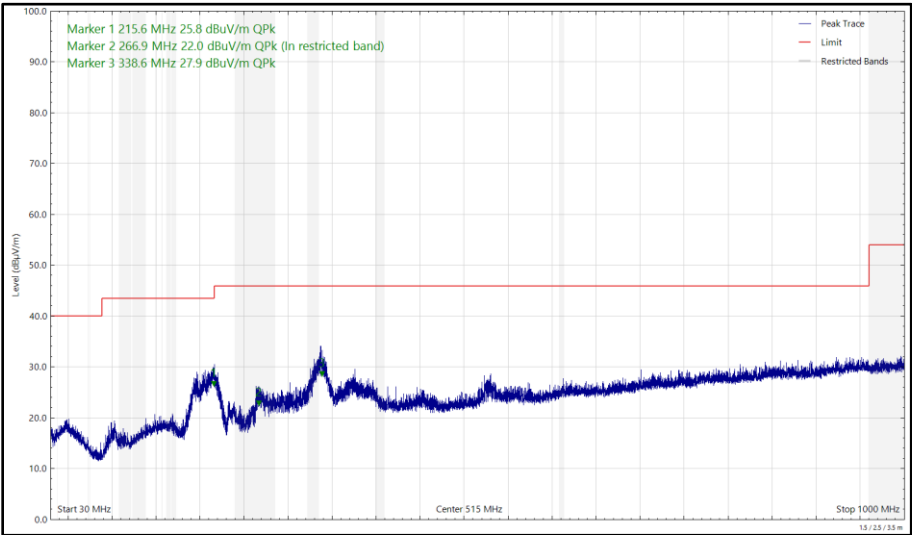


Figure 694 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1
30 MHz to 1 GHz, Vertical (Peak)

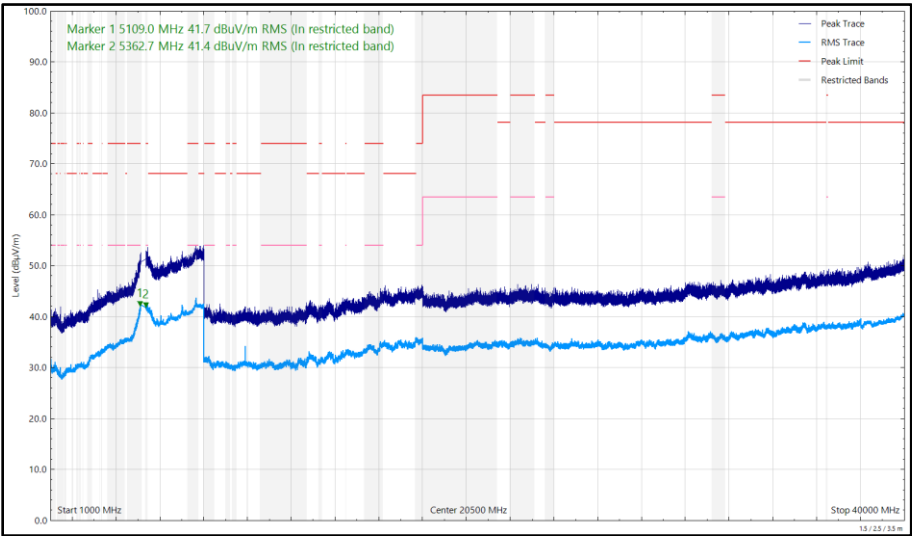
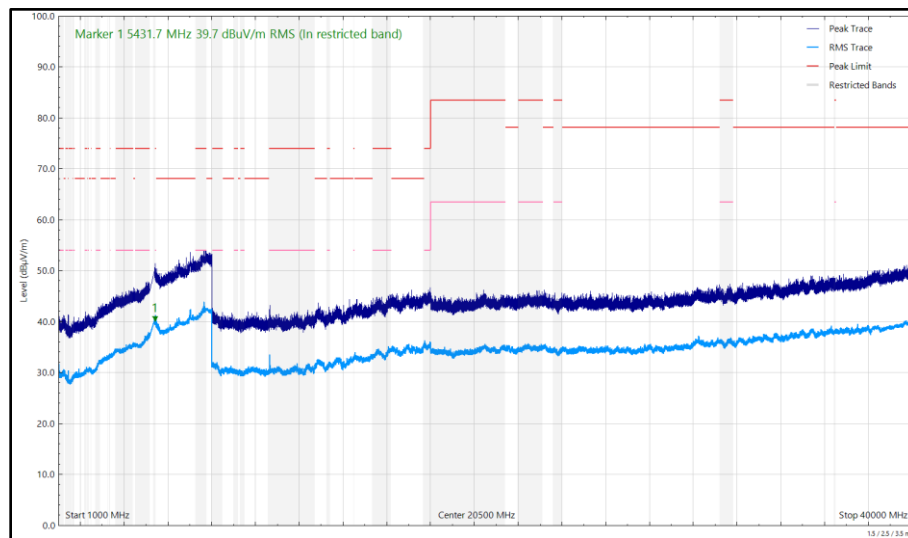


Figure 695 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1
1 GHz to 40 GHz, Vertical

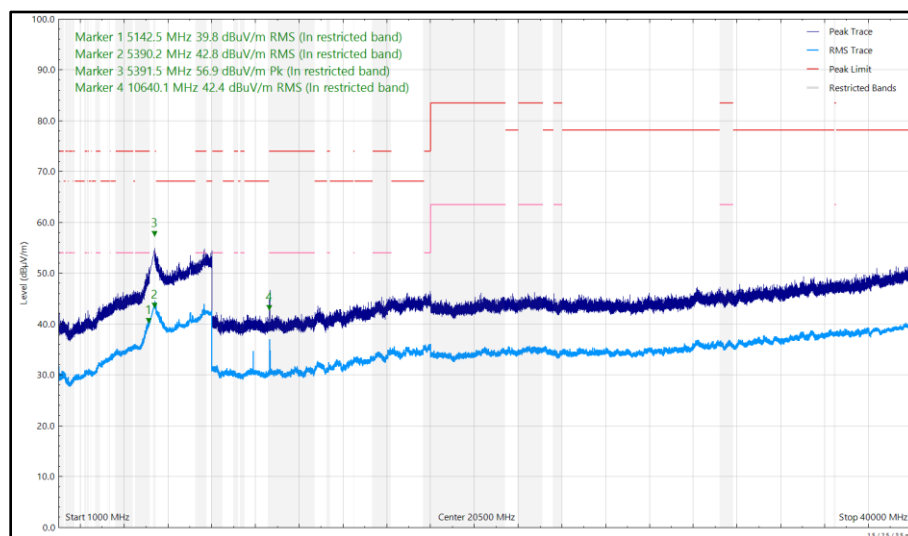
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5142.534	39.83	54.00	-14.17	RMS	265	372	Vertical
5390.243	42.78	54.00	-11.22	RMS	139	142	Vertical
5391.484	56.93	74.00	-17.07	Peak	239	101	Vertical
5431.659	39.68	54.00	-14.32	RMS	169	317	Horizontal
10640.105	42.38	54.00	-11.62	RMS	332	100	Vertical

**Table 724 - 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 696 - U-NII-2A - 5320 MHz (CH64), HT20, CDD, Core 0 + Core 1
1 GHz to 40 GHz, Horizontal**

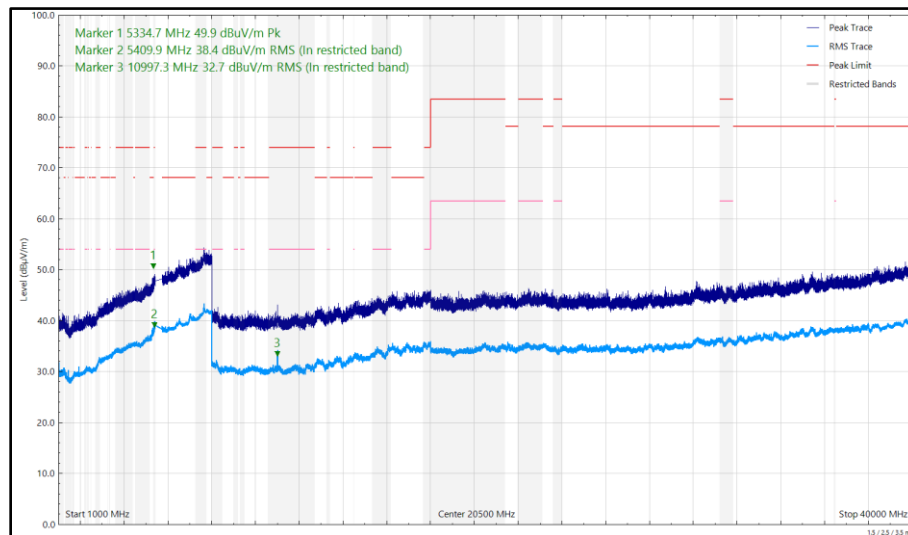


**Figure 697 - U-NII-2A - 5320 MHz (CH64), HT20, CDD, Core 0 + Core 1
1 GHz to 40 GHz, Vertical**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5334.689	49.85	68.20	-18.35	Peak	137	133	Horizontal
5337.188	51.49	68.20	-16.71	Peak	118	253	Vertical
5409.790	42.61	54.00	-11.39	RMS	90	372	Vertical
5409.873	38.35	54.00	-15.65	RMS	148	222	Horizontal
10997.285	32.66	54.00	-21.34	RMS	350	311	Horizontal
10999.775	41.06	54.00	-12.94	RMS	89	107	Vertical

**Table 725 - 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 698 - U-NII-2C - 5500 MHz (CH100), HT20, CDD, Core 0 + Core 1
1 GHz to 40 GHz, Horizontal**

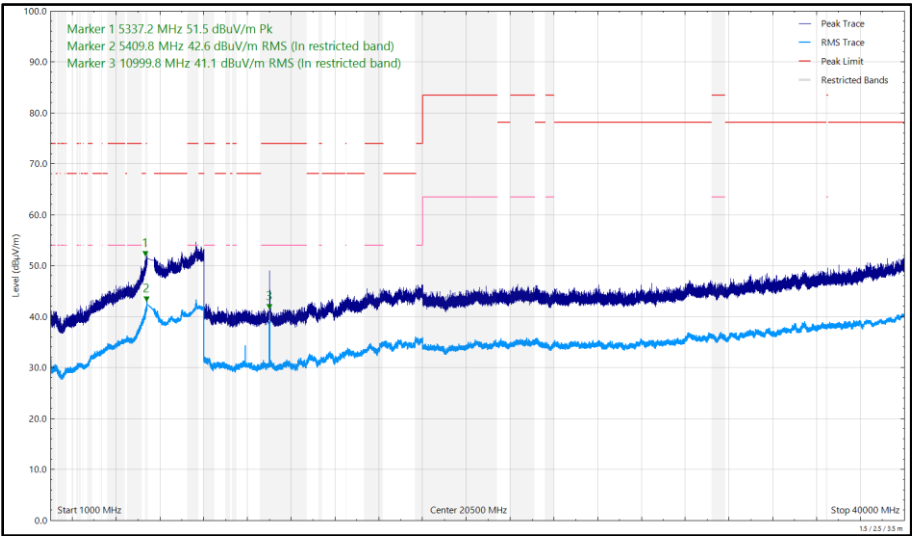
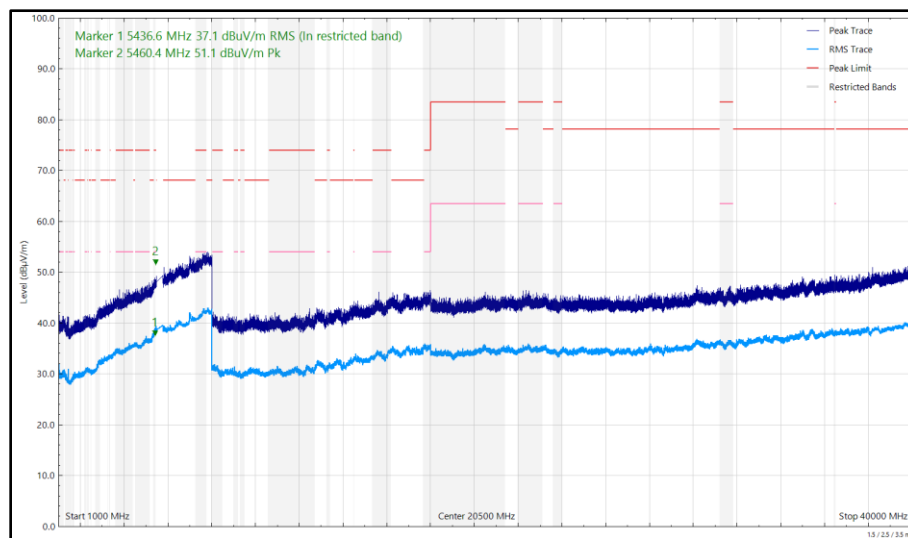


Figure 699 - U-NII-2C - 5500 MHz (CH100), HT20, CDD, Core 0 + Core 1
1 GHz to 40 GHz, Vertical

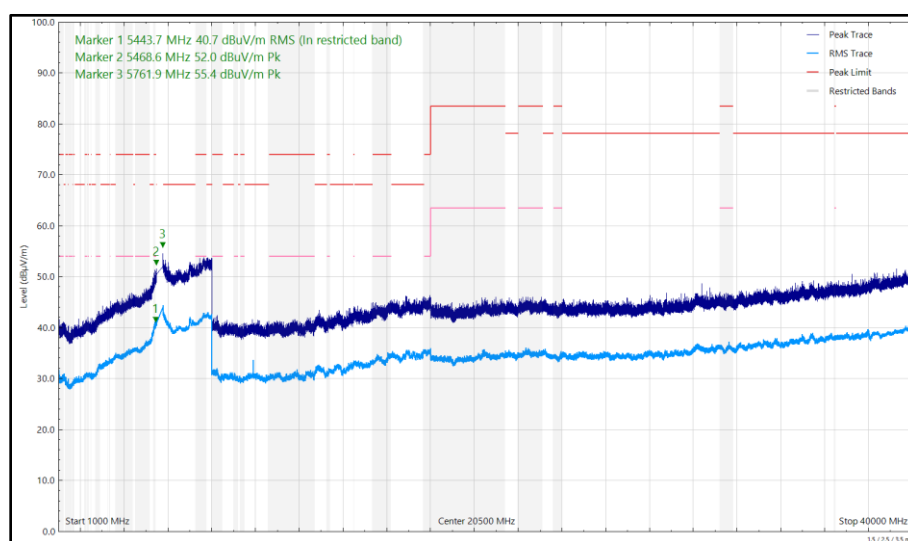
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5436.638	37.12	54.00	-16.88	RMS	304	308	Horizontal
5443.724	40.72	54.00	-13.28	RMS	236	110	Vertical
5460.371	51.11	68.20	-17.09	Peak	168	350	Horizontal
5468.623	51.98	68.20	-16.22	Peak	84	390	Vertical
5761.935	55.44	68.20	-12.76	Peak	125	160	Vertical

Table 726 - 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 700 - U-NII-2C - 5700 MHz (CH140), HT20, CDD, Core 0 + Core 1
1 GHz to 40 GHz, Horizontal**



**Figure 701 - U-NII-2C - 5700 MHz (CH140), 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
5454.739	40.06	54.00	-13.94	RMS	272	102	Vertical
5580.141	53.67	68.20	-14.53	Peak	242	103	Vertical
5857.658	54.58	68.20	-13.62	Peak	128	248	Vertical

Table 727 - U-NII-3 - 5745 MHz (CH149), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

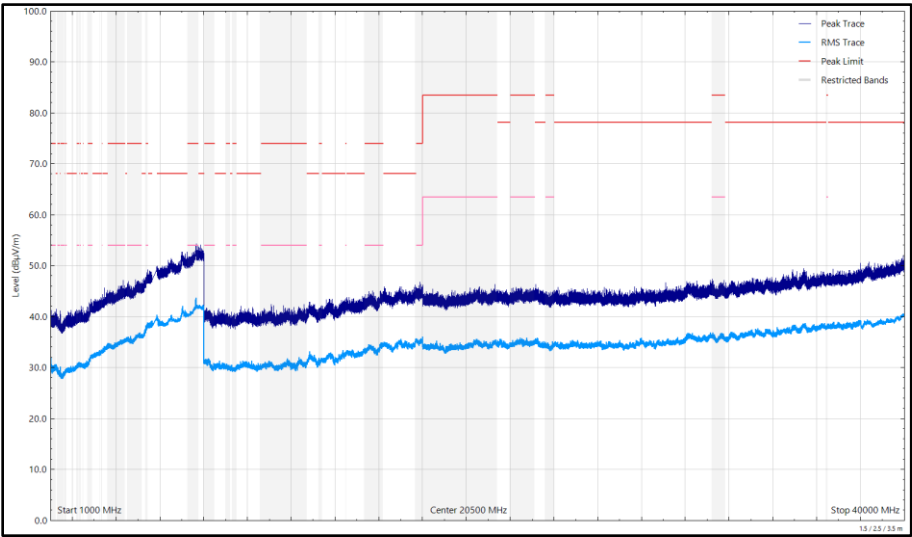


Figure 702 - U-NII-3 - 5745 MHz (CH149), HT20, CDD, Core 0 + Core 1
1 GHz to 40 GHz, Horizontal

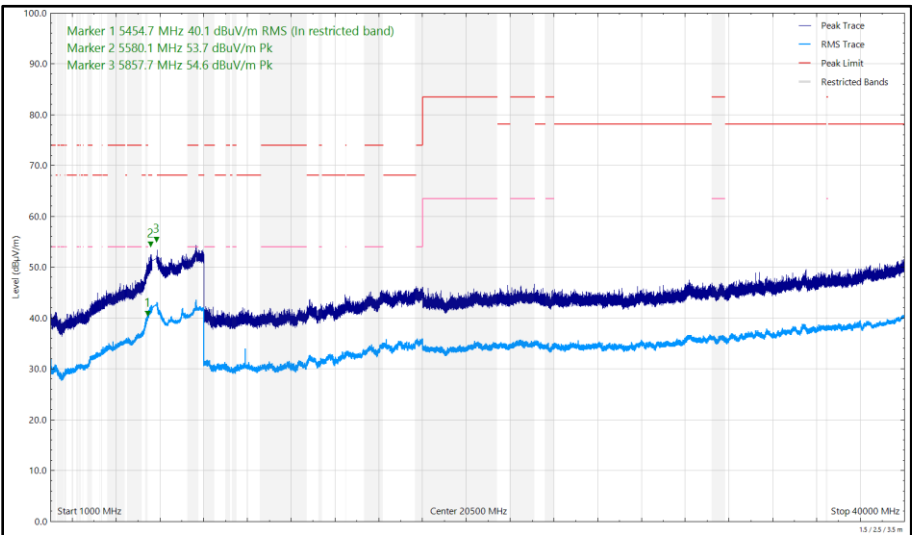
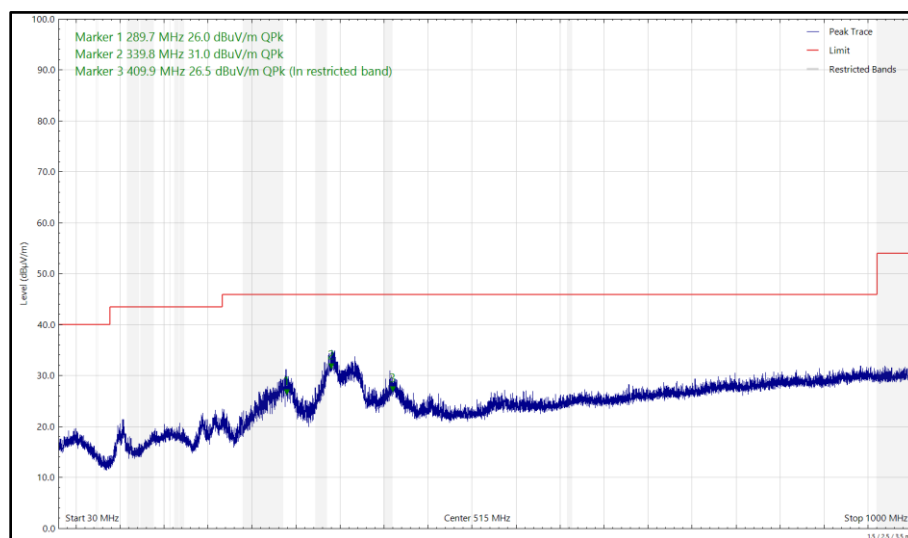


Figure 703 - U-NII-3 - 5745 MHz (CH149), HT20, CDD, Core 0 + Core 1
1 GHz to 40 GHz, Vertical

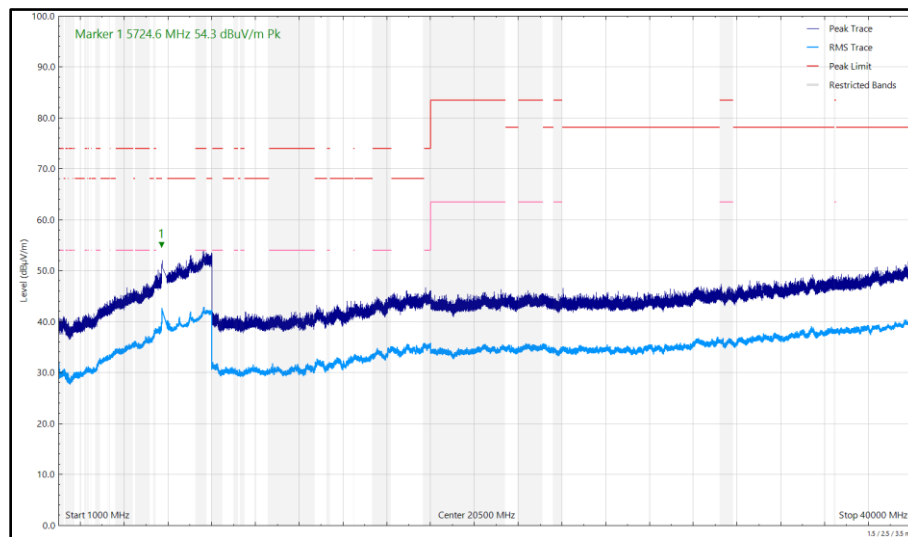
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
46.680	20.75	40.00	-19.25	Q-Peak	183	183	Vertical
214.870	26.14	43.50	-17.36	Q-Peak	34	100	Vertical
289.719	25.95	46.00	-20.05	Q-Peak	50	107	Horizontal
335.660	27.75	46.00	-18.25	Q-Peak	151	146	Vertical
339.831	31.02	46.00	-14.98	Q-Peak	316	119	Horizontal
409.900	26.49	46.00	-19.51	Q-Peak	291	100	Horizontal
528.420	26.04	46.00	-19.96	Q-Peak	81	268	Vertical
5456.992	39.40	54.00	-14.60	RMS	264	126	Vertical
5720.309	57.58	68.20	-10.62	Peak	238	113	Vertical
5724.612	54.31	68.20	-13.89	Peak	164	366	Horizontal

Table 728 - U-NII-3 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

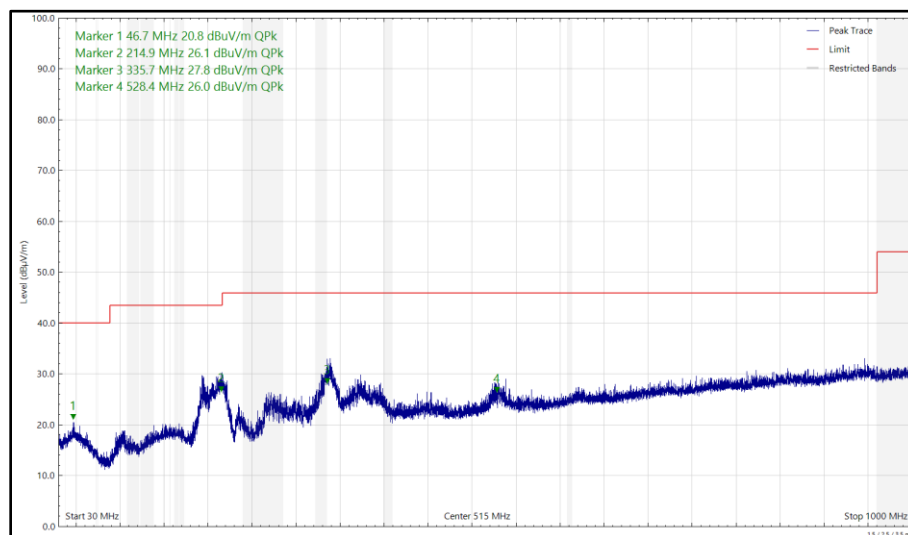
No other emissions found within 10 dB of the limit.



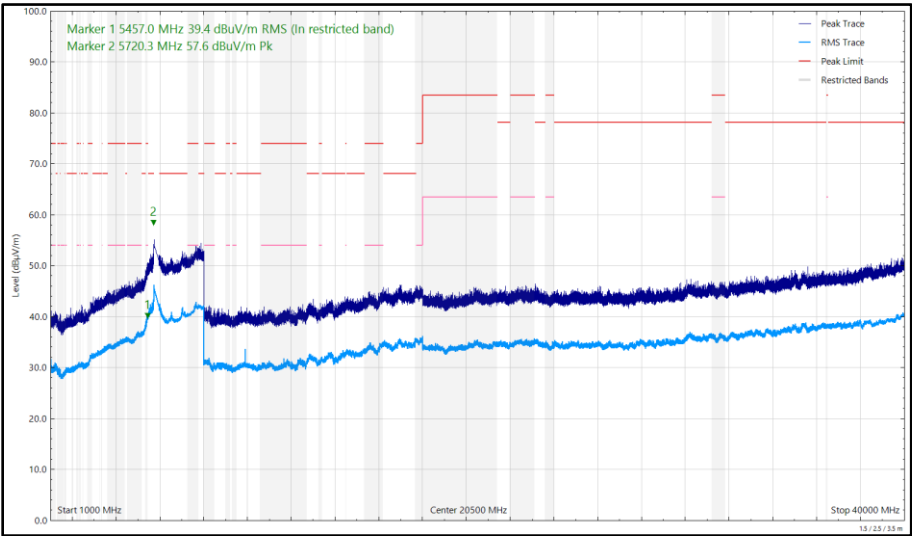
**Figure 704 - U-NII-3 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1
30 MHz to 1 GHz, Horizontal (Peak)**



**Figure 705 - U-NII-3 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1
1 GHz to 40 GHz, Horizontal**



**Figure 706 - U-NII-3 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1
30 MHz to 1 GHz, Vertical (Peak)**



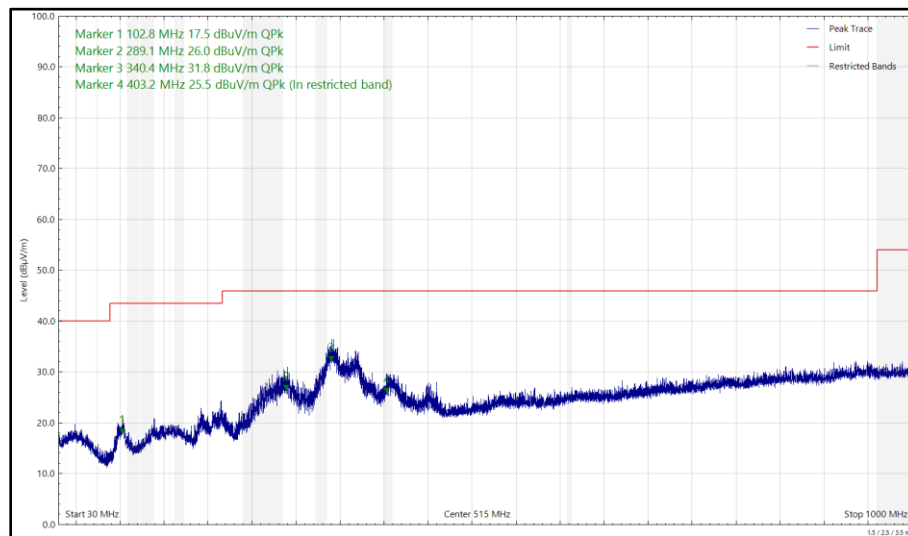
**Figure 707 - U-NII-3 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1
1 GHz to 40 GHz, Vertical**



Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
102.776	17.52	43.50	-25.98	Q-Peak	0	286	Horizontal
216.138	25.98	46.00	-20.02	Q-Peak	76	100	Vertical
289.084	26.03	46.00	-19.97	Q-Peak	44	106	Horizontal
338.706	27.30	46.00	-18.70	Q-Peak	114	120	Vertical
340.362	31.76	46.00	-14.24	Q-Peak	316	100	Horizontal
369.871	25.74	46.00	-20.26	Q-Peak	192	100	Vertical
403.241	25.54	46.00	-20.46	Q-Peak	278	100	Horizontal
532.014	26.55	46.00	-19.45	Q-Peak	6	102	Vertical
5109.721	38.75	54.00	-15.25	RMS	158	334	Horizontal
5109.949	41.72	54.00	-12.28	RMS	239	103	Vertical
5350.045	41.95	54.00	-12.05	RMS	239	100	Vertical
5429.397	37.28	54.00	-16.72	RMS	111	100	Horizontal

**Table 729 - 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 708 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1
30 MHz to 1 GHz, Horizontal (Peak)**