



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 15.

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
1500W (300V 12A) AC Power Supply	iTech	IT7324	5955	-	O/P Mon
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
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	5997	12	14-Sep-2024
Cable (N to N 1m)	Junkosha	MWX221-01000AMSAMS/B	6009	12	05-Jun-2024*
Cable (N to N 1m)	Junkosha	MWX221-01000AMSAMS/B	6009	12	20-May-2025*
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6140	12	26-Aug-2024
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6142	12	26-Aug-2024
Digital Multimeter	Fluke	115	6147	12	06-Jun-2025*
Humidity & Temperature Meter	R.S Components	1364	6148	12	21-Jul-2024*
SAC Switch Unit	TUV SUD	TUV_SSU_001	6191	12	18-Dec-2024
Humidity and Temperature Meter	R.S Components	1364	6486	12	04-Jun-2025*
1m Cable	Junkosha	MWX241-01000AMSAMS/B	6740	12	01-Feb-2025
6.5m Cable	Junkosha	MWX221-06500AMSAMS/B	6744	12	01-Feb-2025

Table 723

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

A3137, S/N: FV5VYV72RL - Modification State 0

2.6.3 Date of Test

09-June-2024 to 18-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 $\mu\text{V/m}$:
 $10^{(\text{Field Strength in dB}\mu\text{V/m}/20)}$.

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

2.6.5 Test Setup Diagram

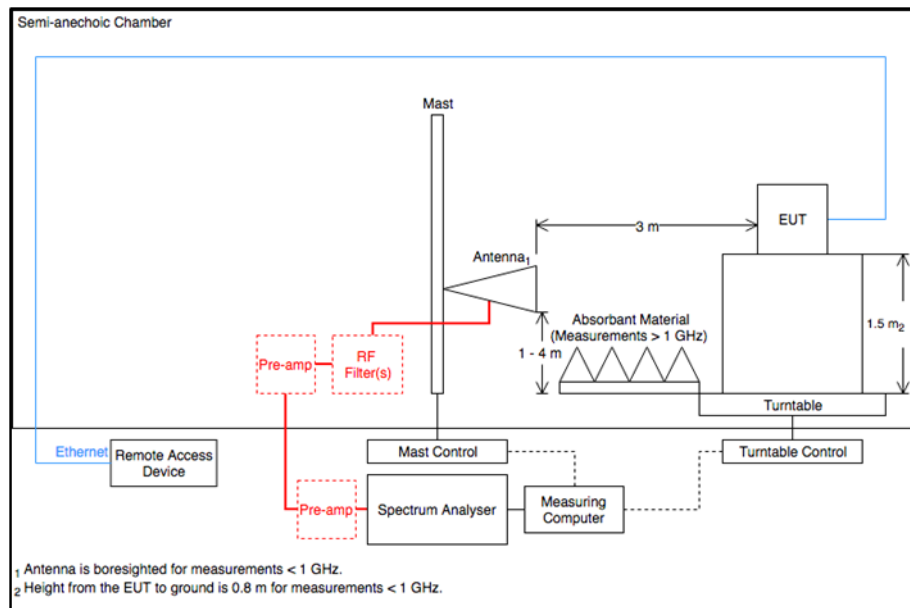


Figure 581 - Radiated Emissions Test Setup Diagram

2.6.6 Environmental Conditions

Ambient Temperature	21.3 - 23.4 °C
Relative Humidity	38.7 - 47.3 %

2.6.7 Test Results

5 GHz WLAN

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
30.803	25.03	40.00	-14.97	Q-Peak	350	100	Vertical
5096.868	56.82	74.00	-17.18	Peak	20	183	Vertical
5107.371	40.43	54.00	-13.57	RMS	87	280	Horizontal
5109.824	44.57	54.00	-9.43	RMS	24	184	Vertical
5381.072	41.92	54.00	-12.08	RMS	31	185	Vertical
5385.258	38.96	54.00	-15.04	RMS	90	266	Horizontal
5467.197	53.03	68.20	-15.17	Peak	28	139	Vertical
5471.053	50.56	68.20	-17.64	Peak	42	181	Horizontal

Table 724 - 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.

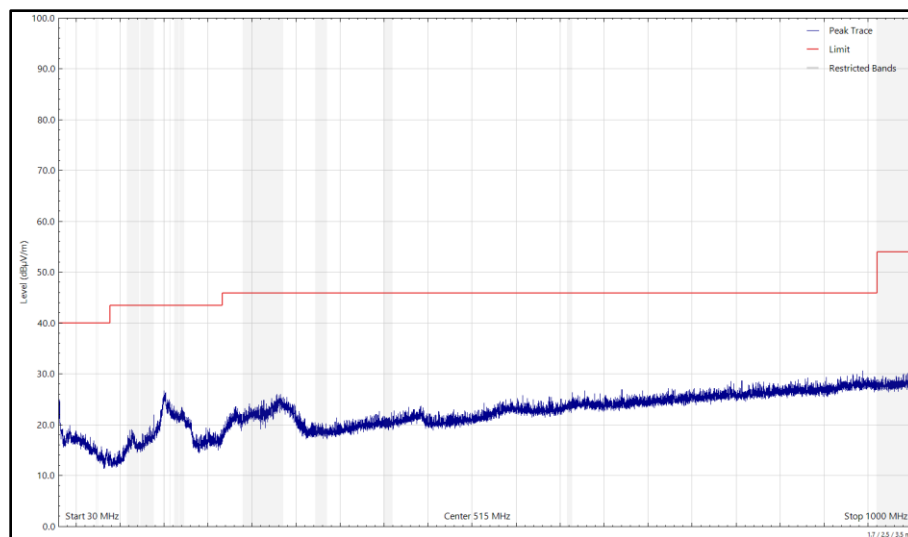


Figure 582 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

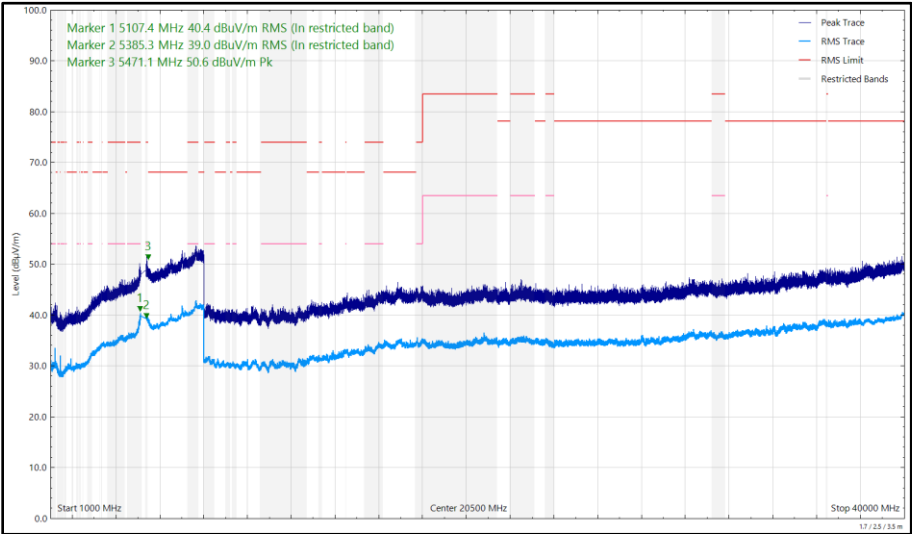


Figure 583 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

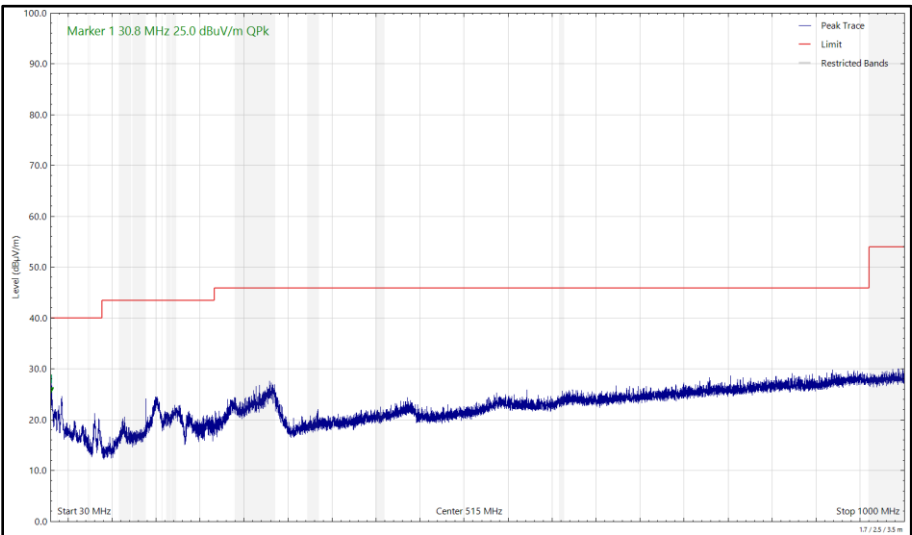


Figure 584 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

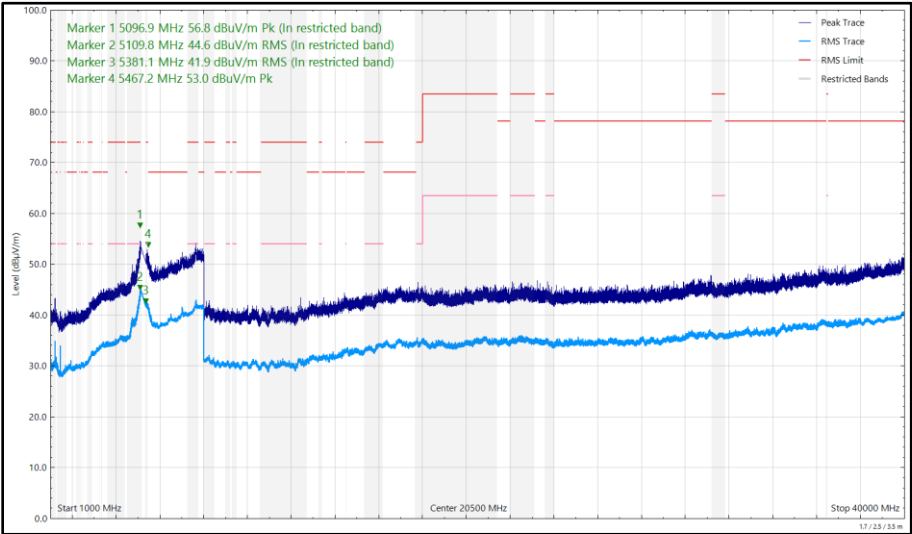


Figure 585 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5135.942	42.66	54.00	-11.34	RMS	26	171	Vertical
5149.034	38.90	54.00	-15.10	RMS	63	340	Horizontal
5390.002	40.52	54.00	-13.48	RMS	87	255	Horizontal
5390.405	42.51	54.00	-11.49	RMS	50	176	Vertical
5394.967	54.46	74.00	-19.54	Peak	50	176	Vertical
5481.470	52.61	68.20	-15.59	Peak	82	291	Horizontal
5483.557	54.00	68.20	-14.20	Peak	25	214	Vertical

Table 725 - 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.

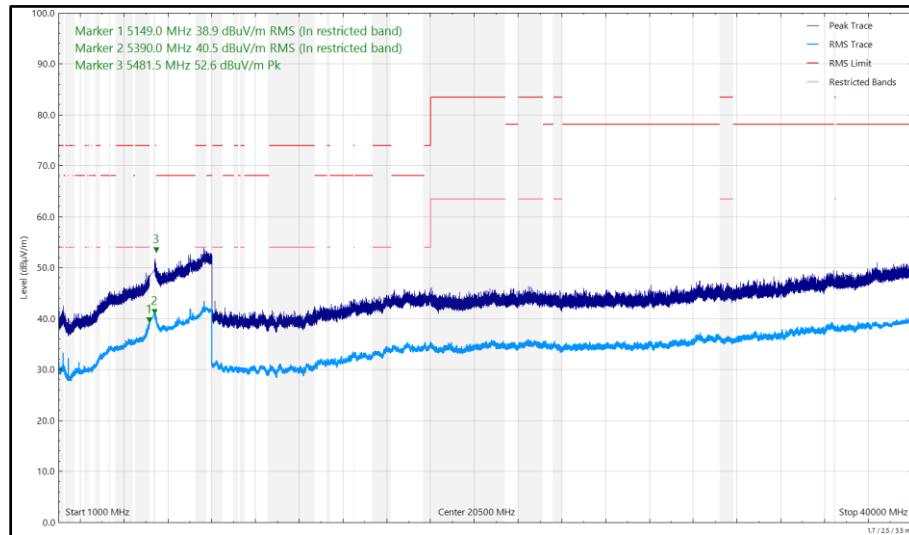


Figure 586 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

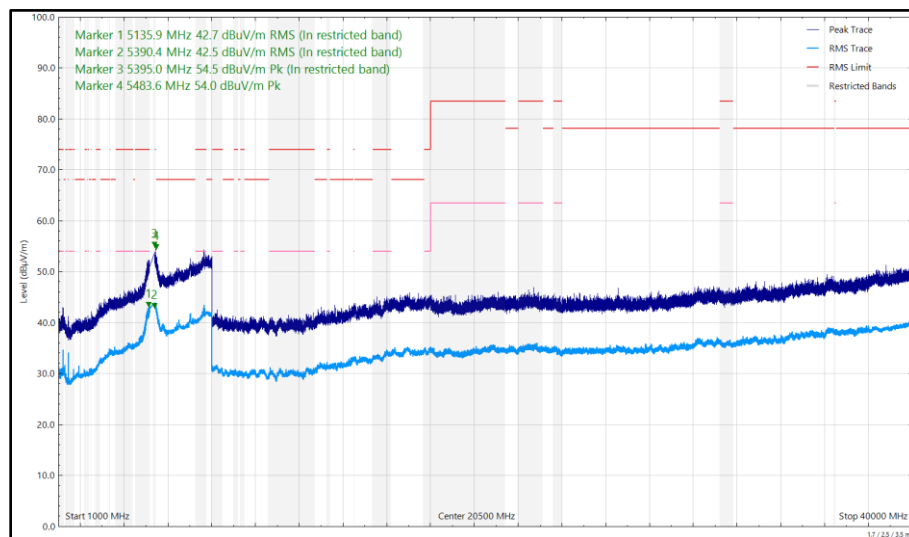


Figure 587 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5323.195	51.75	68.20	-16.45	Peak	87	280	Horizontal
5326.155	54.57	68.20	-13.63	Peak	17	149	Vertical
5398.693	55.21	74.00	-18.79	Peak	17	100	Vertical
5408.493	43.11	54.00	-10.89	RMS	10	173	Vertical
5409.022	41.78	54.00	-12.22	RMS	82	279	Horizontal
5728.689	50.51	68.20	-17.69	Peak	49	217	Horizontal
5761.704	50.24	68.20	-17.96	Peak	0	263	Vertical

Table 726 - 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.

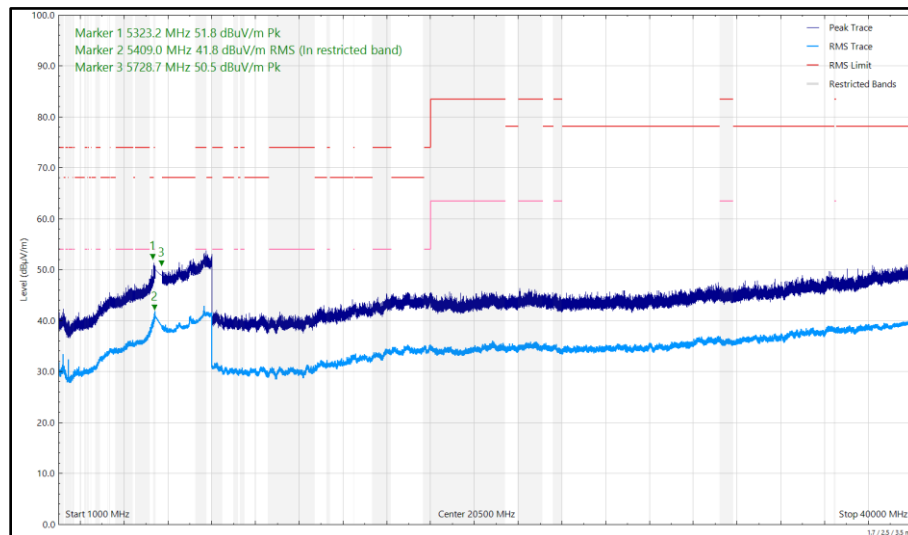


Figure 588 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

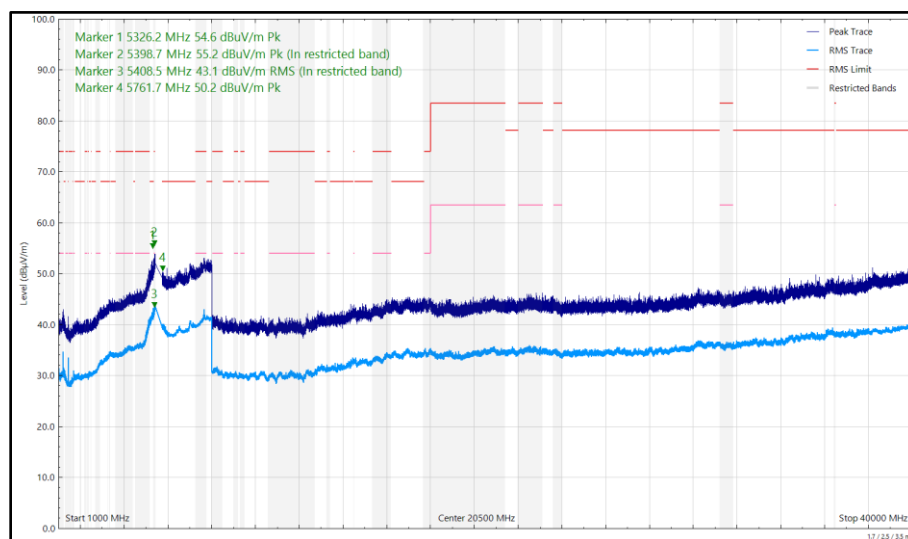


Figure 589 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5435.498	41.65	54.00	-12.35	RMS	142	208	Horizontal
5454.278	42.33	54.00	-11.67	RMS	139	300	Vertical
5464.835	55.17	68.20	-13.03	Peak	138	109	Horizontal
5465.853	55.21	68.20	-12.99	Peak	16	186	Vertical
5761.502	56.84	68.20	-11.36	Peak	92	327	Horizontal
5771.131	56.55	68.20	-11.65	Peak	96	369	Vertical

Table 727 - 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.

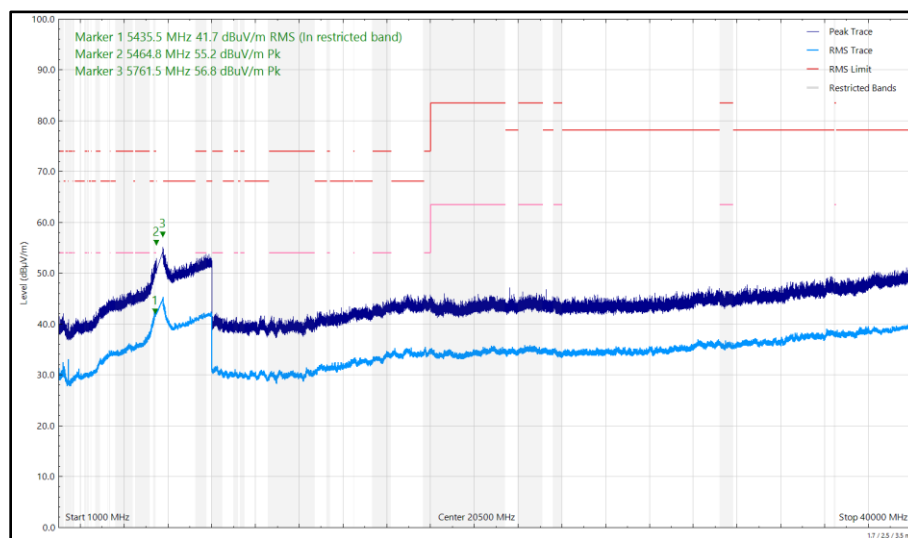


Figure 590 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

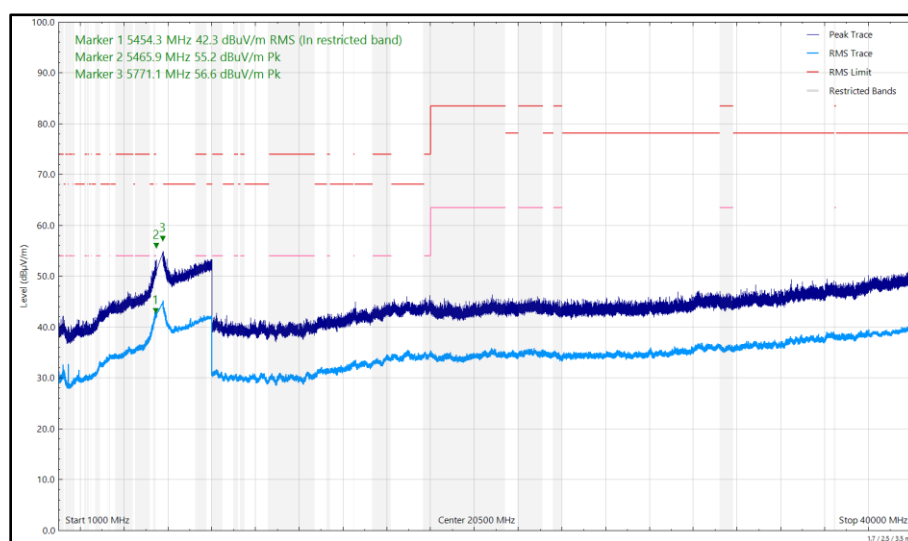


Figure 591 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5446.291	40.76	54.00	-13.24	RMS	107	108	Horizontal
5455.881	41.58	54.00	-12.42	RMS	140	106	Vertical
5483.132	53.92	68.20	-14.28	Peak	140	100	Vertical
5492.307	53.39	68.20	-14.81	Peak	143	327	Horizontal
5851.089	52.50	68.20	-15.70	Peak	47	225	Horizontal
5851.390	54.48	68.20	-13.72	Peak	113	100	Vertical

Table 728 - 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.

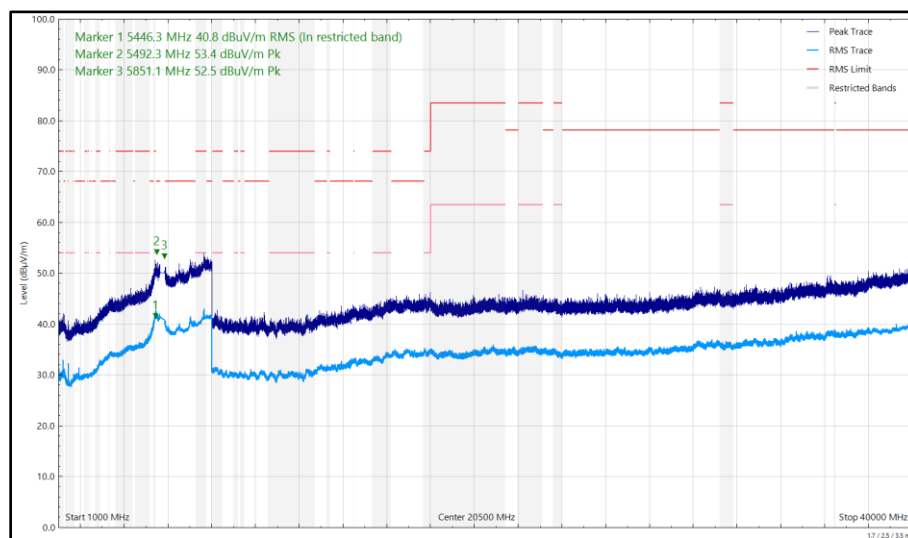


Figure 592 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

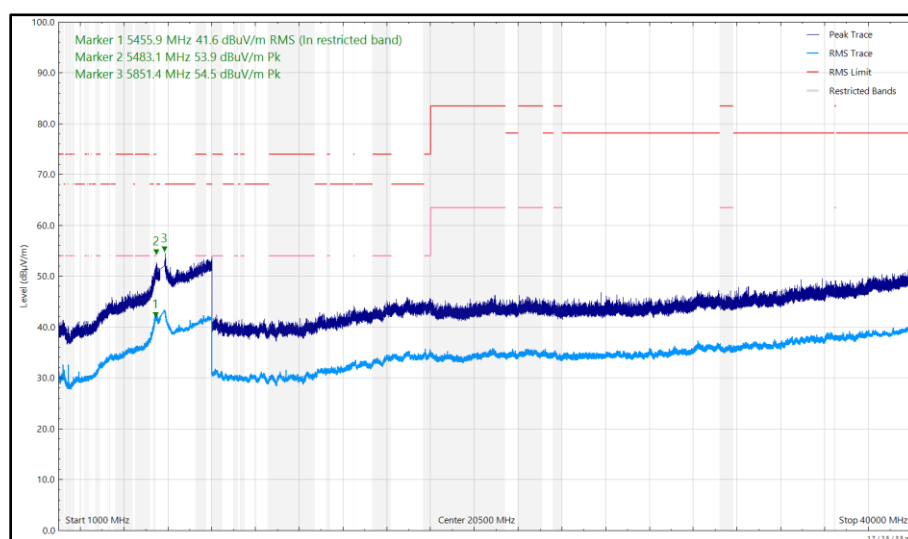


Figure 593 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
30.794	25.26	40.00	-14.74	Q-Peak	276	100	Vertical
280.887	26.67	46.00	-19.33	Q-Peak	358	137	Vertical
5441.619	40.79	54.00	-13.21	RMS	132	268	Horizontal
5459.158	40.76	54.00	-13.24	RMS	142	348	Vertical
5714.052	54.90	68.20	-13.30	Peak	87	336	Horizontal
5721.889	54.77	68.20	-13.43	Peak	83	265	Vertical
5955.914	50.32	68.20	-17.88	Peak	12	245	Horizontal
5961.399	51.57	68.20	-16.63	Peak	343	243	Vertical

Table 729 - 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.

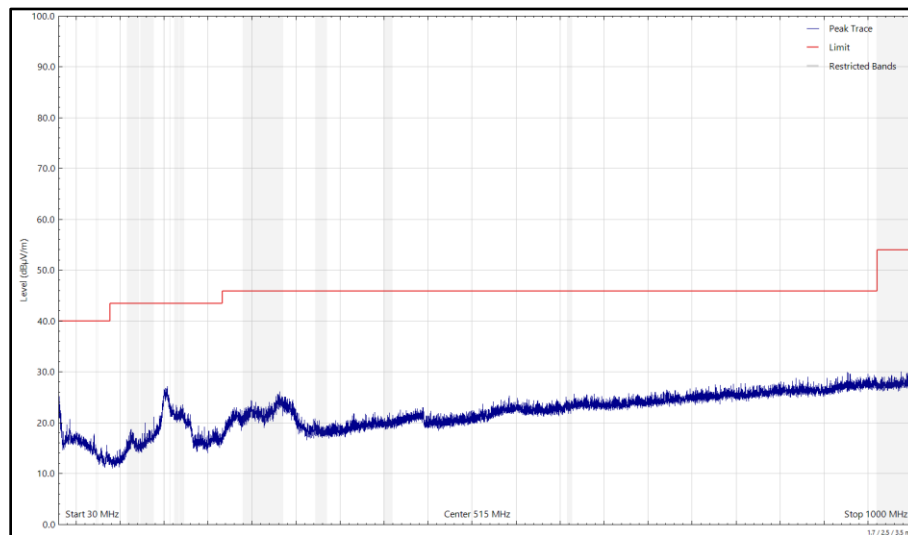


Figure 594 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

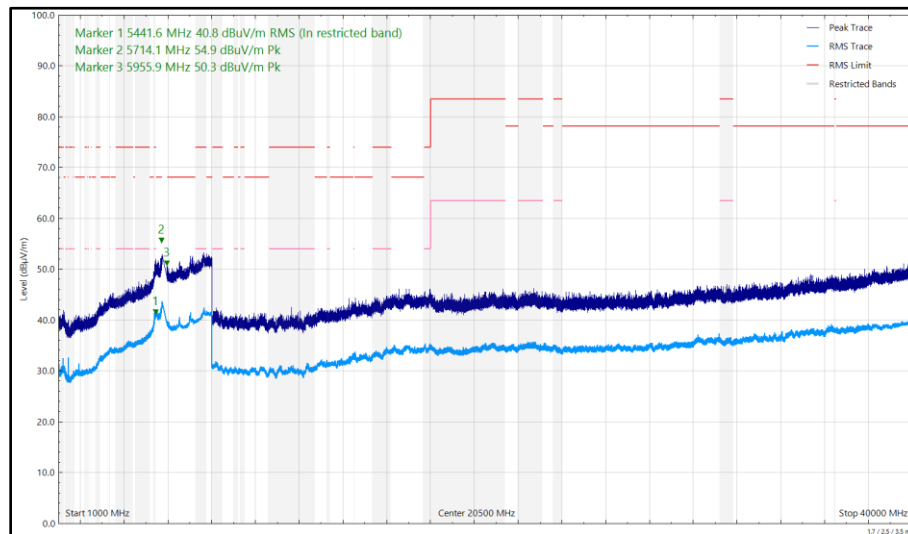


Figure 595 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

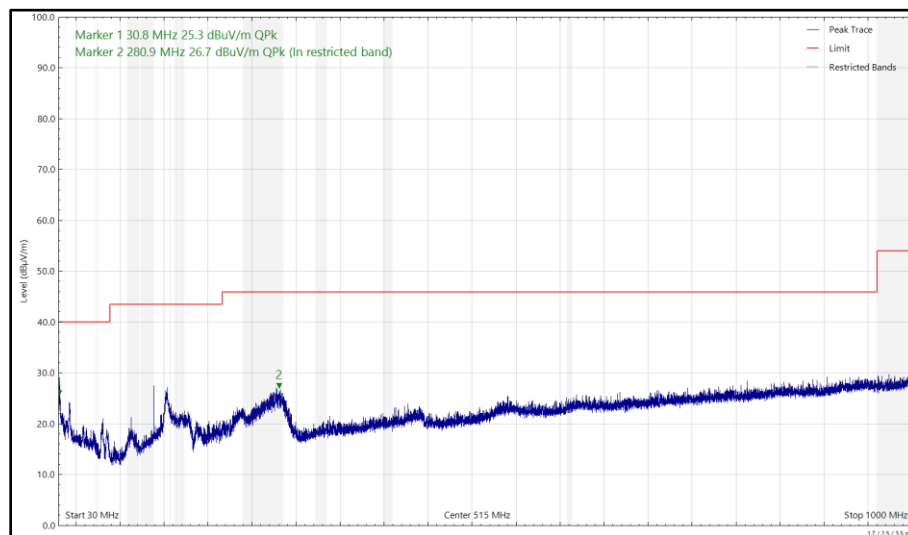


Figure 596 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

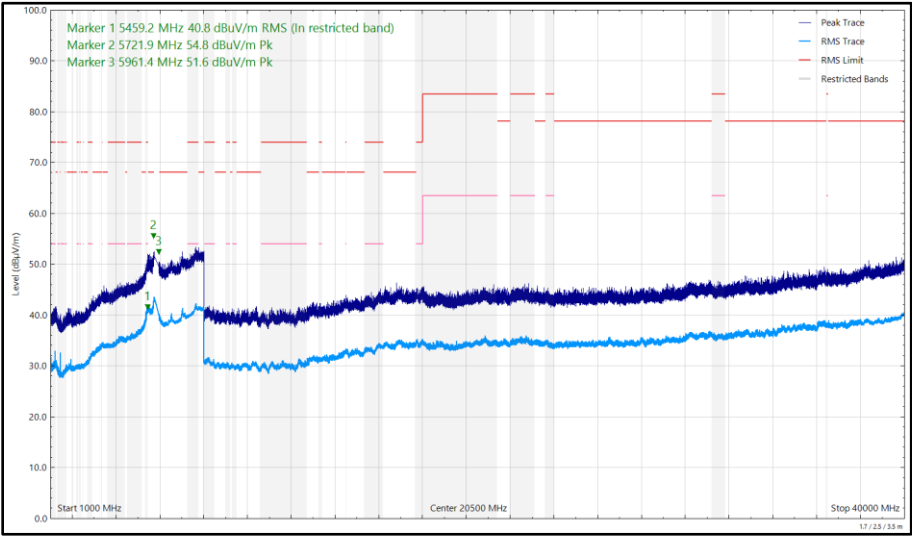


Figure 597 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
30.773	25.15	40.00	-14.85	Q-Peak	243	137	Vertical
5098.753	36.07	54.00	-17.93	RMS	314	108	Vertical
5106.313	35.92	54.00	-18.08	RMS	275	102	Horizontal
5363.902	43.24	54.00	-10.76	RMS	197	259	Horizontal
5379.390	39.82	54.00	-14.18	RMS	189	138	Vertical
5385.068	55.62	74.00	-18.38	Peak	197	259	Horizontal
5485.404	54.25	68.20	-13.95	Peak	198	273	Horizontal
5515.794	50.77	68.20	-17.43	Peak	202	258	Vertical

Table 730 - 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.

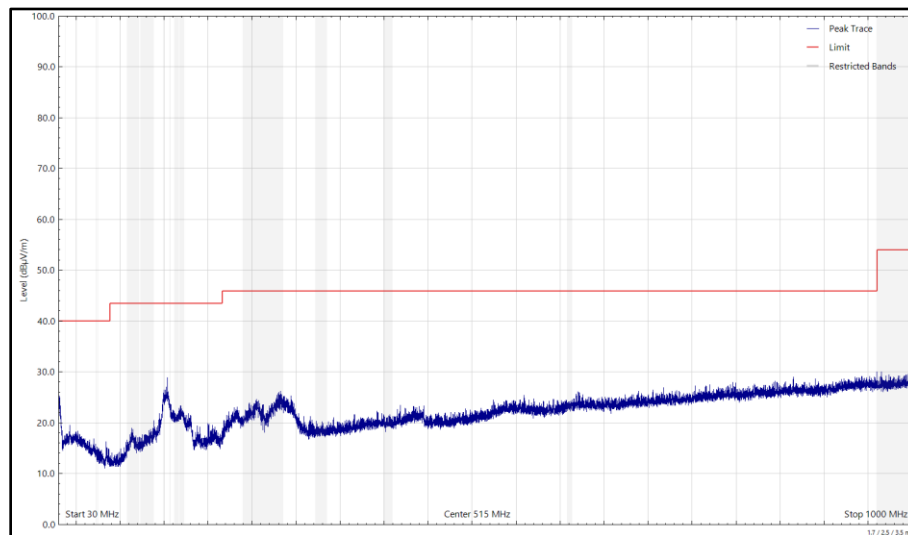


Figure 598 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

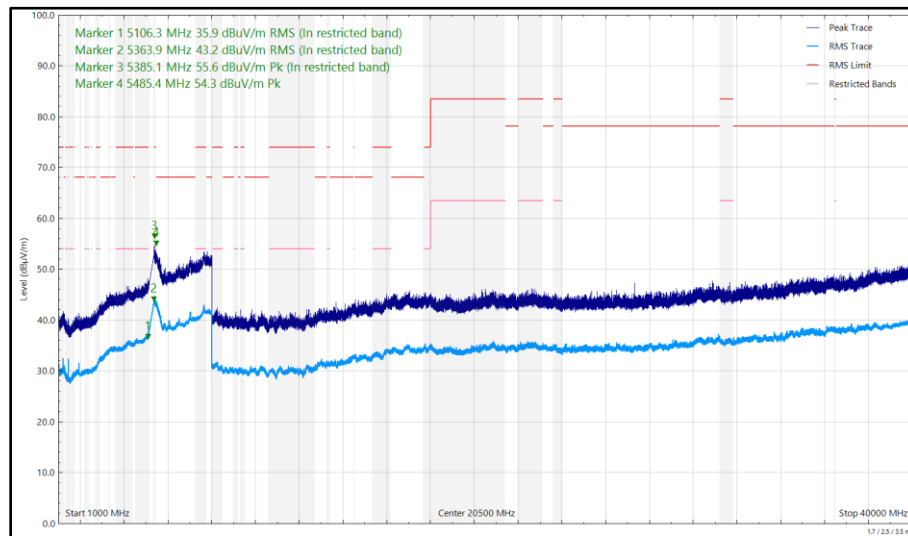


Figure 599 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

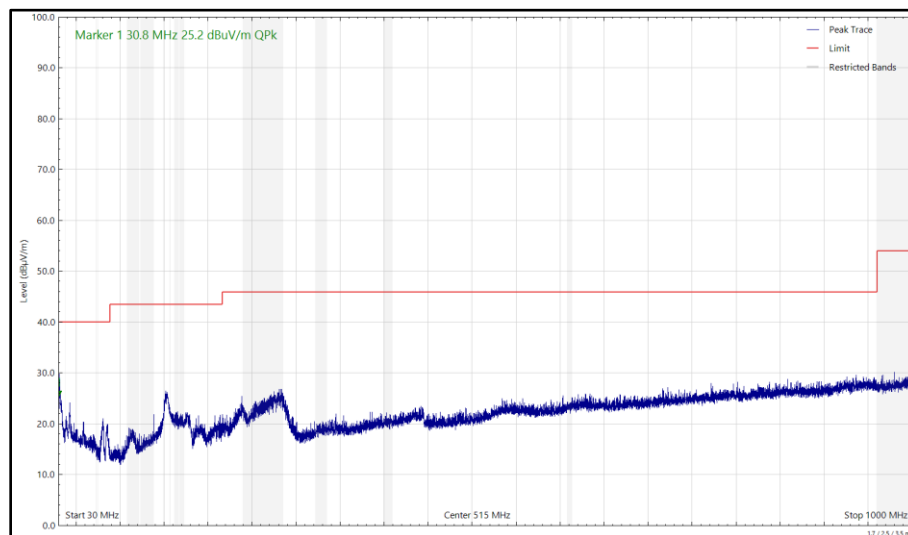


Figure 600 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

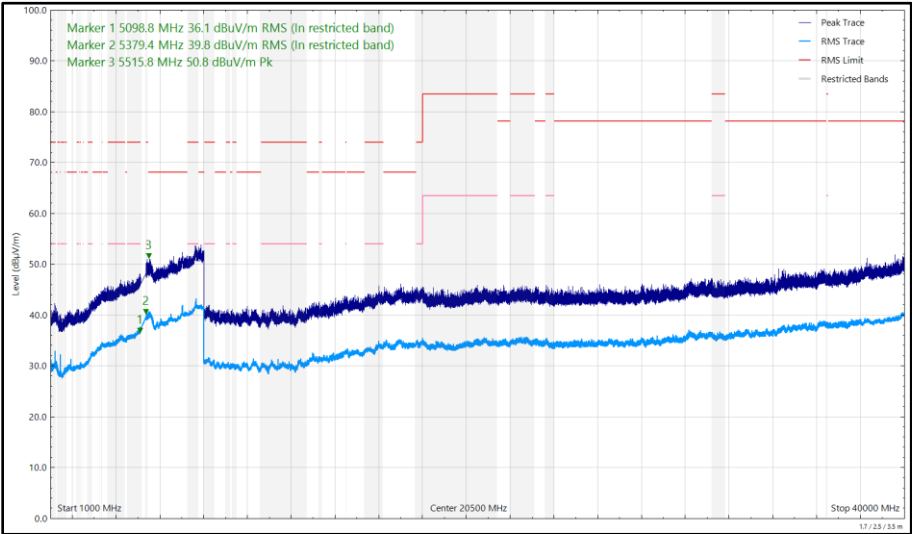


Figure 601 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5121.030	35.72	54.00	-18.28	RMS	359	100	Horizontal
5126.538	35.86	54.00	-18.14	RMS	127	193	Vertical
5390.224	45.25	54.00	-8.75	RMS	184	177	Horizontal
5391.462	57.67	74.00	-16.33	Peak	184	177	Horizontal
5396.427	41.46	54.00	-12.54	RMS	181	146	Vertical
5475.525	55.48	68.20	-12.72	Peak	191	108	Horizontal
5488.384	53.14	68.20	-15.06	Peak	187	116	Vertical

Table 731 - 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.

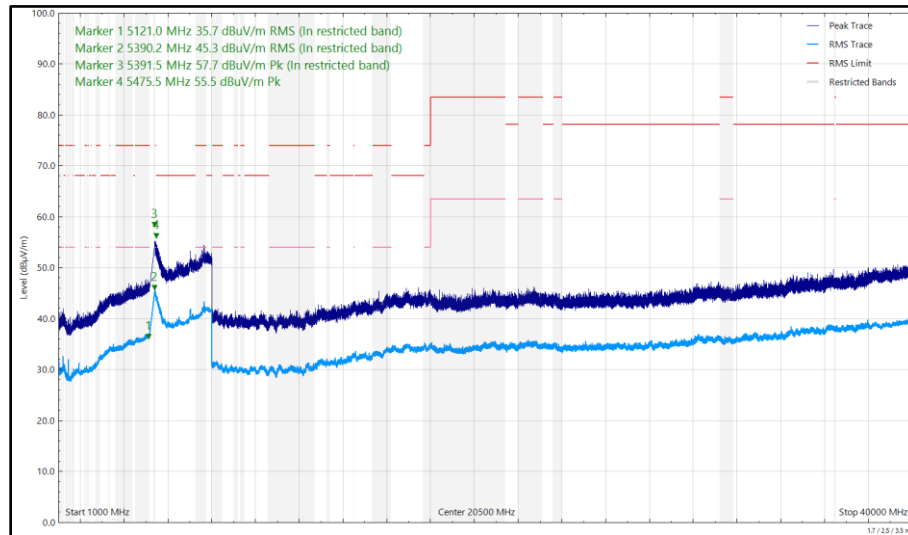


Figure 602 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

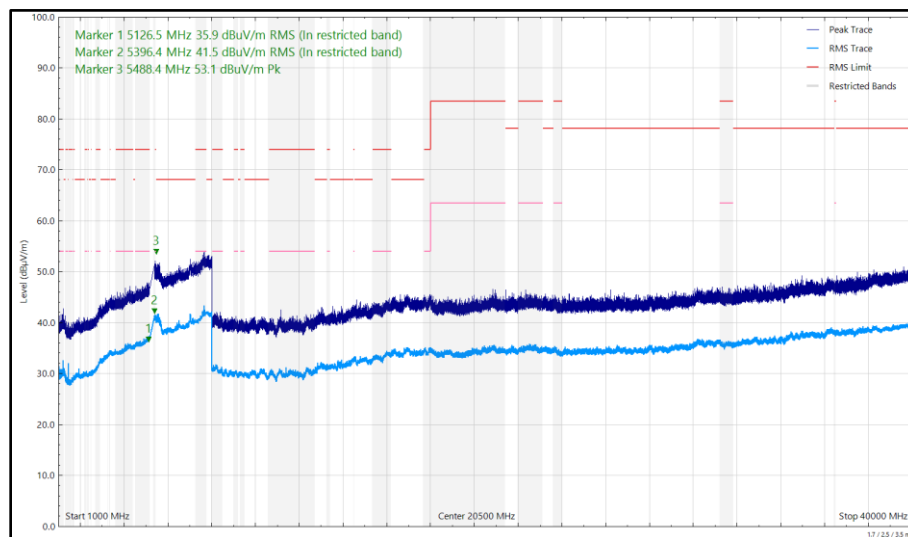


Figure 603 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5344.088	55.60	68.20	-12.60	Peak	184	141	Horizontal
5345.560	51.52	68.20	-16.68	Peak	289	198	Vertical
5388.674	57.37	74.00	-16.63	Peak	188	164	Horizontal
5409.087	41.10	54.00	-12.90	RMS	298	108	Vertical
5409.703	44.40	54.00	-9.60	RMS	192	106	Horizontal
5755.632	50.94	68.20	-17.26	Peak	205	176	Vertical
5823.799	51.99	68.20	-16.21	Peak	198	116	Horizontal

Table 732 - 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.

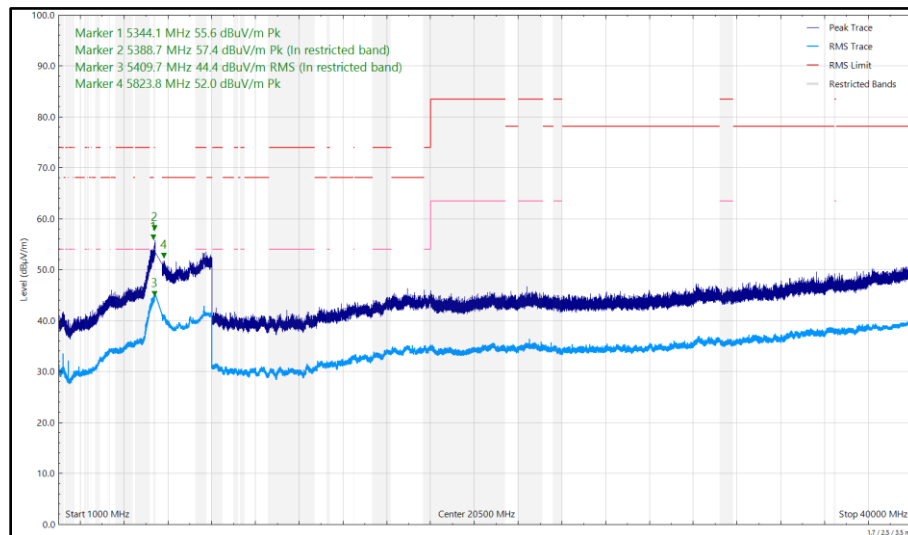


Figure 604 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

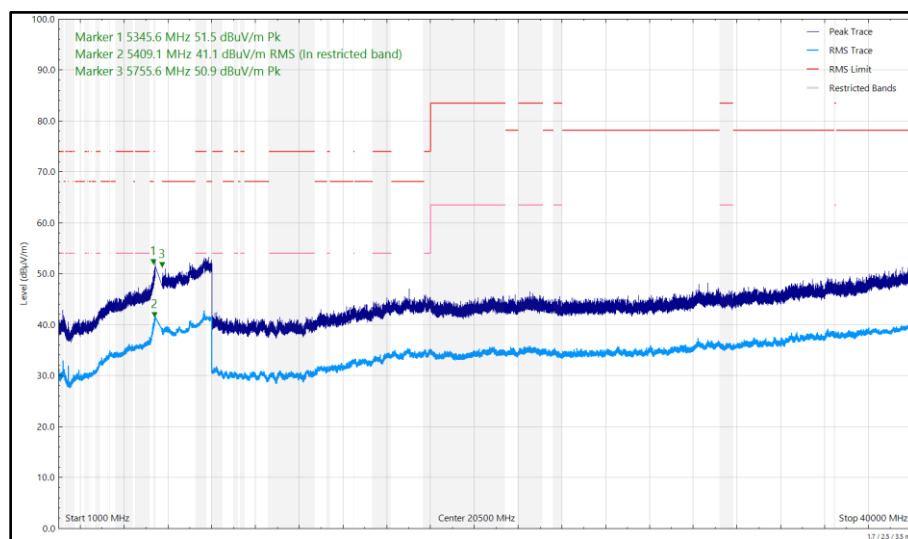


Figure 605 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1202.340	34.42	54.00	-19.58	RMS	46	229	Horizontal
5453.509	39.65	54.00	-14.35	RMS	163	105	Vertical
5455.900	42.74	54.00	-11.26	RMS	199	276	Horizontal
5466.246	55.85	68.20	-12.35	Peak	191	177	Horizontal
5466.885	52.41	68.20	-15.79	Peak	202	153	Vertical
5761.934	56.81	68.20	-11.39	Peak	176	176	Horizontal
5863.533	52.54	68.20	-15.66	Peak	197	167	Vertical

Table 733 - 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.

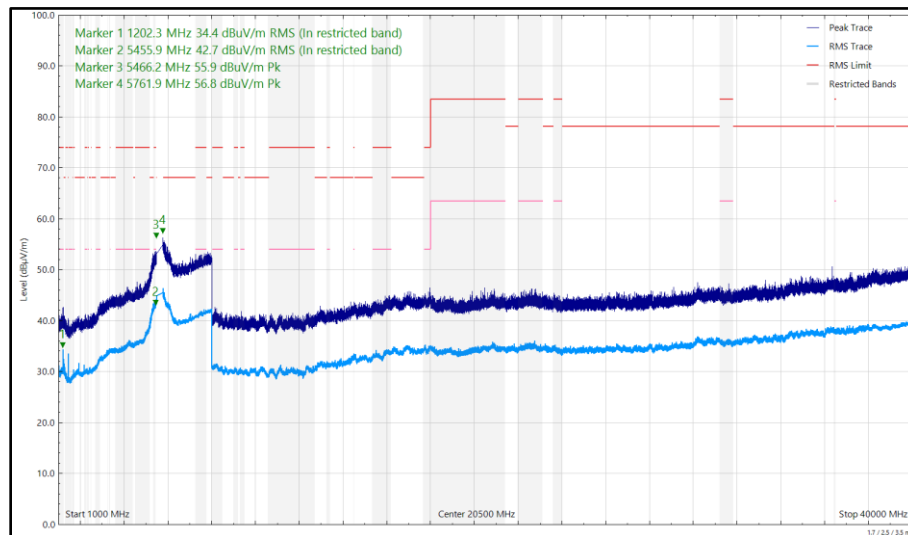


Figure 606 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

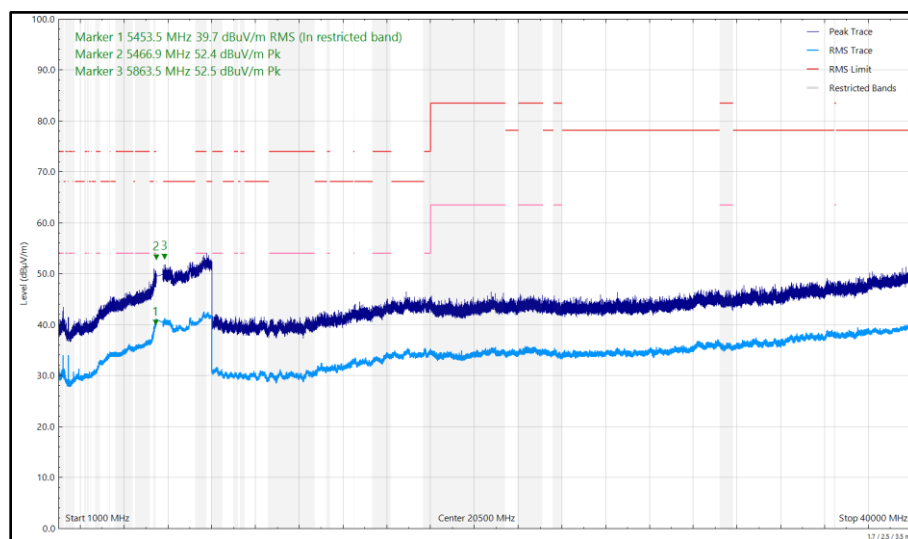


Figure 607 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1202.655	34.34	54.00	-19.66	RMS	47	232	Horizontal
5446.338	42.59	54.00	-11.41	RMS	199	190	Horizontal
5459.901	39.70	54.00	-14.30	RMS	201	105	Vertical
5609.387	55.94	68.20	-12.26	Peak	206	137	Horizontal
5623.387	54.07	68.20	-14.13	Peak	188	185	Vertical
5868.159	54.96	68.20	-13.24	Peak	198	305	Vertical
5871.435	56.84	68.20	-11.36	Peak	194	255	Horizontal

Table 734 - 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.

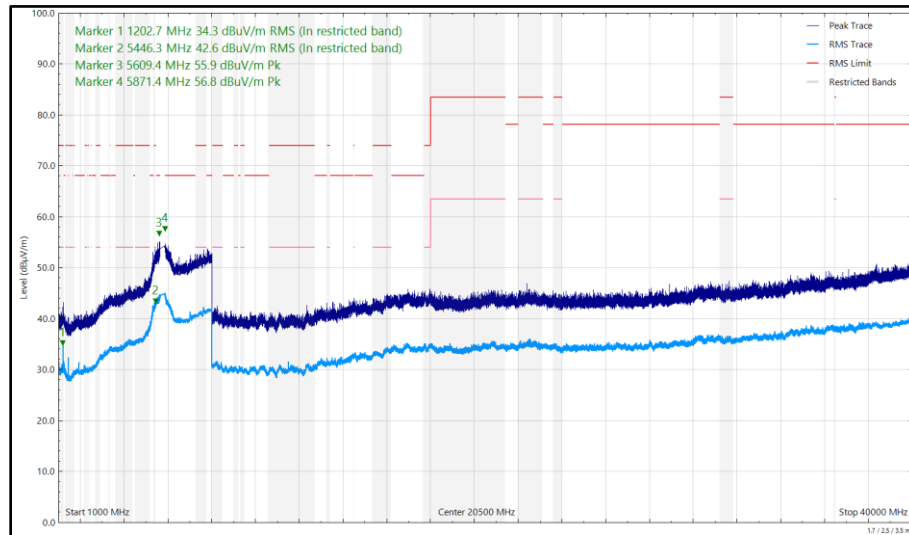


Figure 608 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

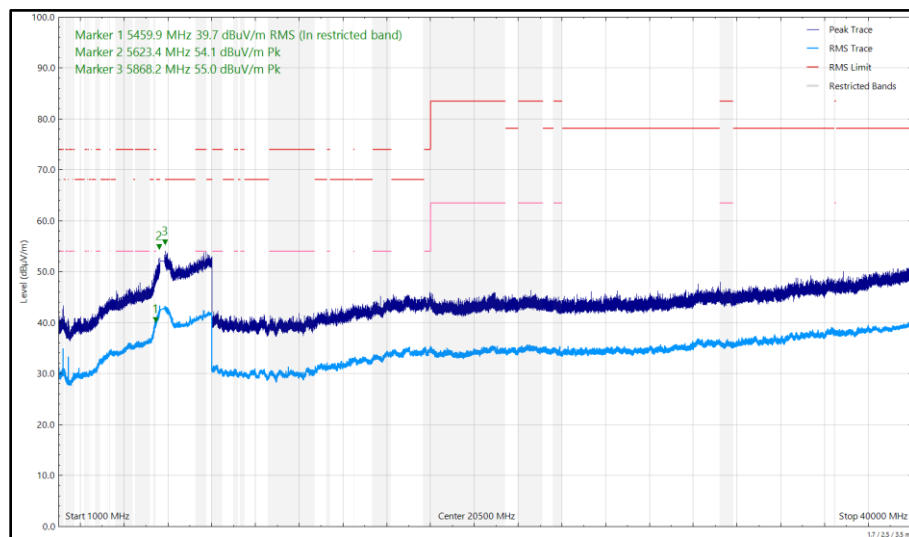


Figure 609 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
30.782	25.29	40.00	-14.71	Q-Peak	0	100	Vertical
1202.250	34.02	54.00	-19.98	RMS	50	228	Horizontal
5435.208	41.58	54.00	-12.42	RMS	188	253	Horizontal
5457.948	39.33	54.00	-14.67	RMS	196	175	Vertical
5685.788	55.75	68.20	-12.45	Peak	214	119	Horizontal
5710.659	53.50	68.20	-14.70	Peak	210	243	Vertical
5967.002	54.60	68.20	-13.60	Peak	230	225	Horizontal
6059.857	54.75	68.20	-13.45	Peak	178	160	Vertical

Table 735 - 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.

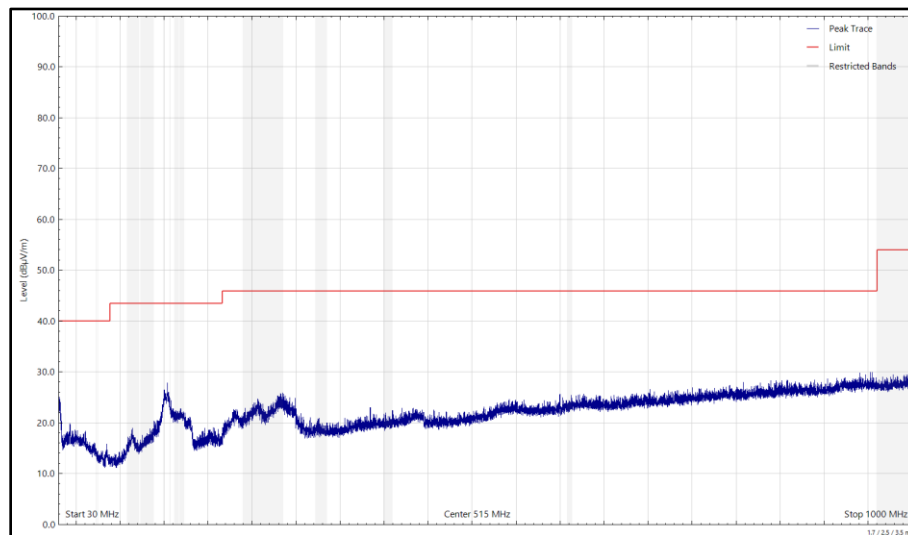


Figure 610 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

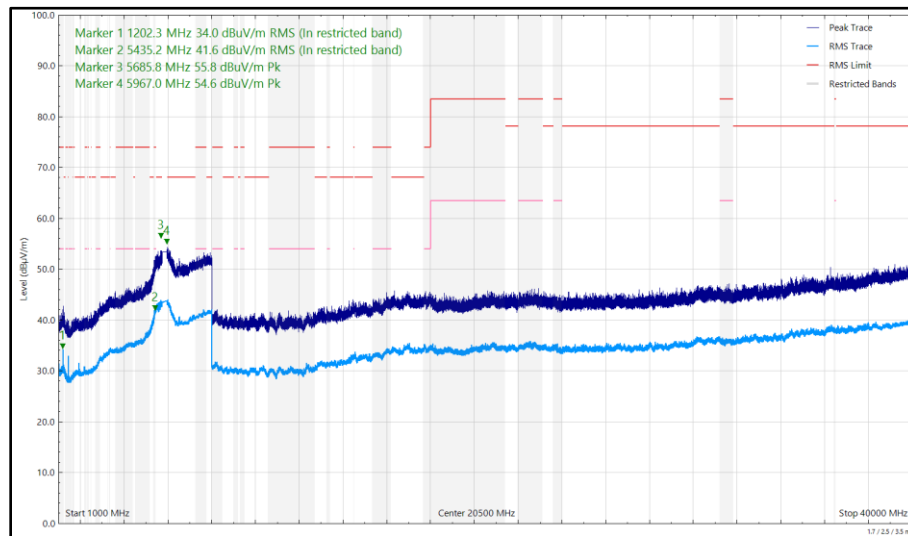


Figure 611 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

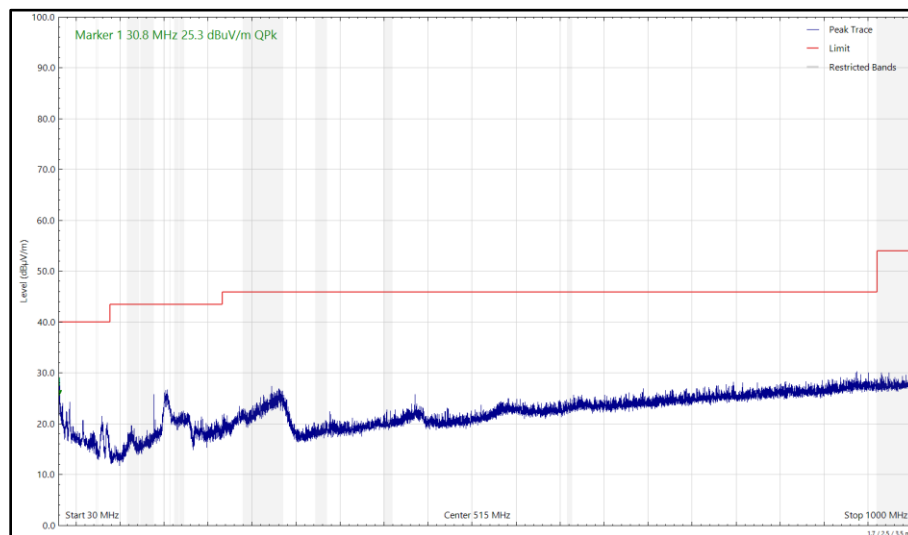


Figure 612 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

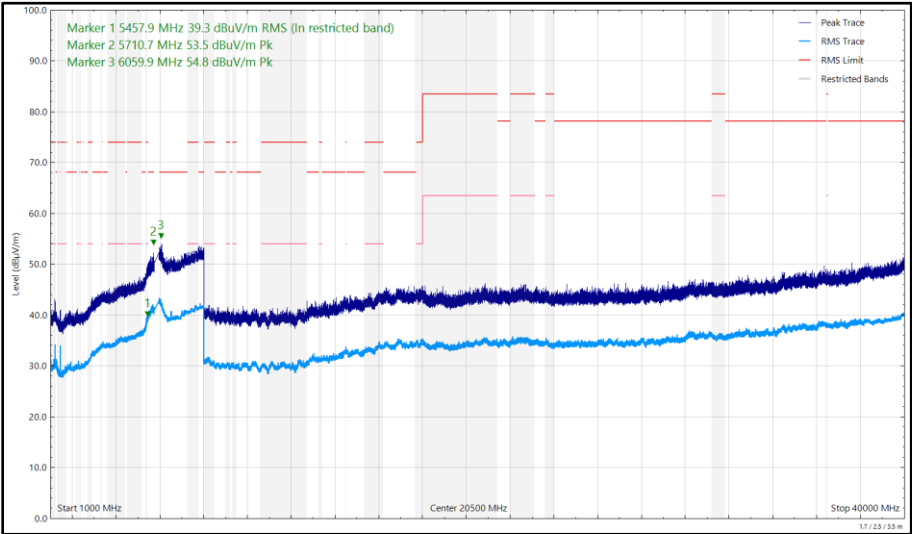


Figure 613 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
31.089	24.87	40.00	-15.13	Q-Peak	354	100	Vertical
153.849	24.22	43.50	-19.28	Q-Peak	0	183	Horizontal
277.576	27.35	46.00	-18.65	Q-Peak	10	150	Vertical
1202.350	34.47	54.00	-19.53	RMS	328	399	Horizontal
5106.328	55.27	74.00	-18.73	Peak	136	182	Vertical
5107.365	43.17	54.00	-10.83	RMS	129	102	Vertical
5108.600	43.18	54.00	-10.82	RMS	132	369	Horizontal
5364.381	55.88	74.00	-18.12	Peak	186	186	Horizontal
5365.856	43.77	54.00	-10.23	RMS	186	186	Horizontal
5385.201	42.00	54.00	-12.00	RMS	26	156	Vertical
5486.839	54.56	68.20	-13.64	Peak	190	257	Horizontal
5501.530	53.20	68.20	-15.00	Peak	27	200	Vertical

Table 736 - 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.

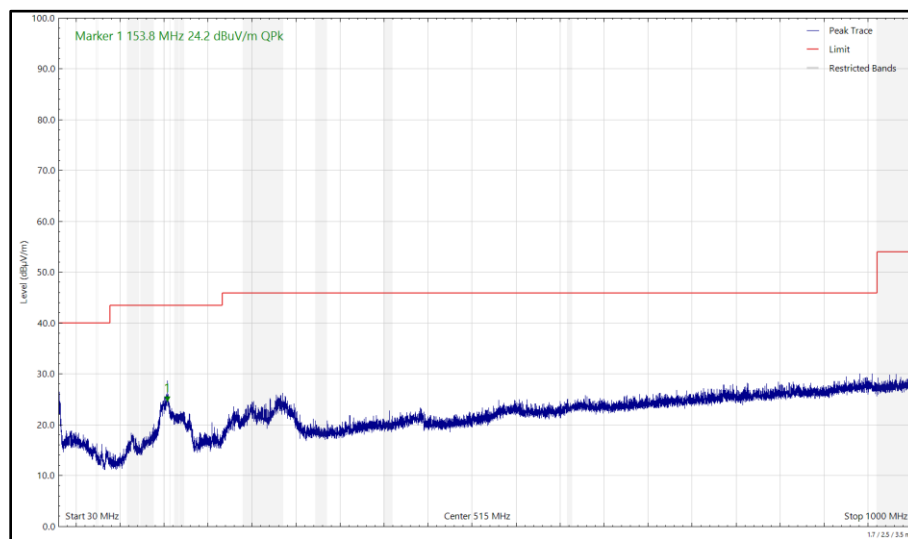


Figure 614 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

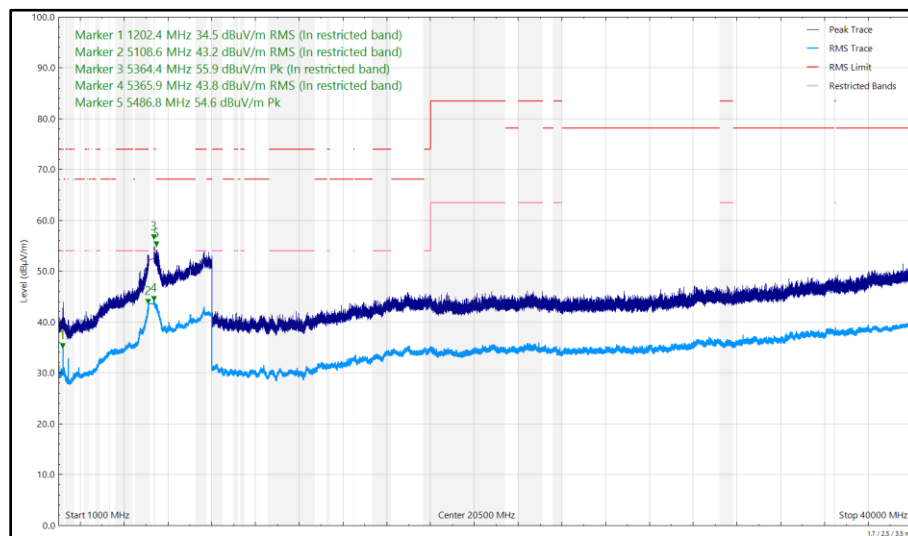


Figure 615 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

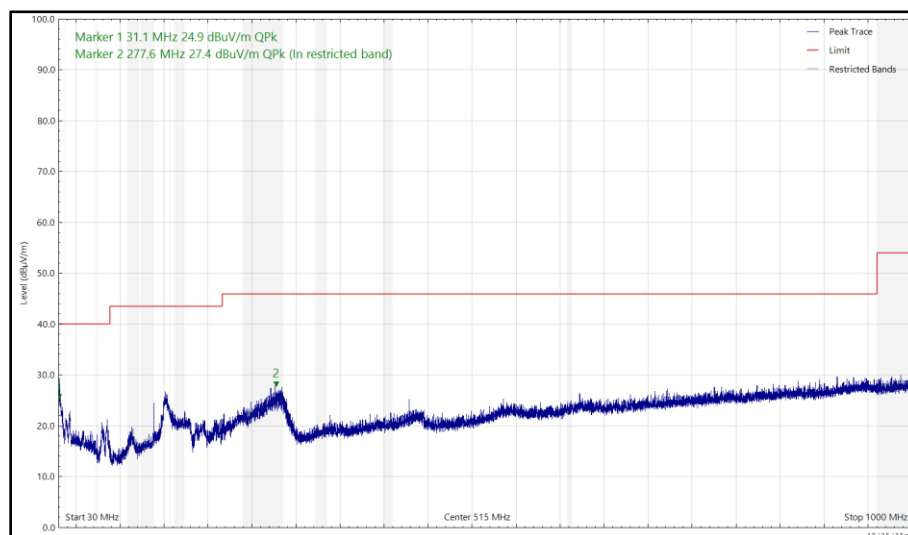


Figure 616 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

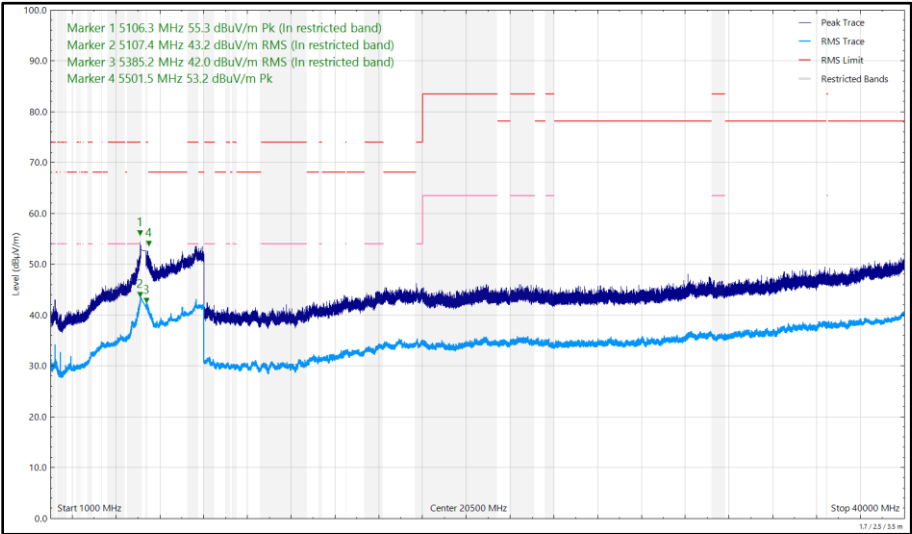


Figure 617 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5145.494	41.81	54.00	-12.19	RMS	136	112	Vertical
5148.272	41.86	54.00	-12.14	RMS	133	247	Horizontal
5390.762	43.45	54.00	-10.55	RMS	18	154	Vertical
5397.211	45.21	54.00	-8.79	RMS	185	175	Horizontal
5398.250	55.33	74.00	-18.67	Peak	18	154	Vertical
5399.965	56.89	74.00	-17.11	Peak	185	175	Horizontal
5460.527	54.69	68.20	-13.51	Peak	26	164	Vertical
5472.796	55.53	68.20	-12.67	Peak	196	182	Horizontal

Table 737 - 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.

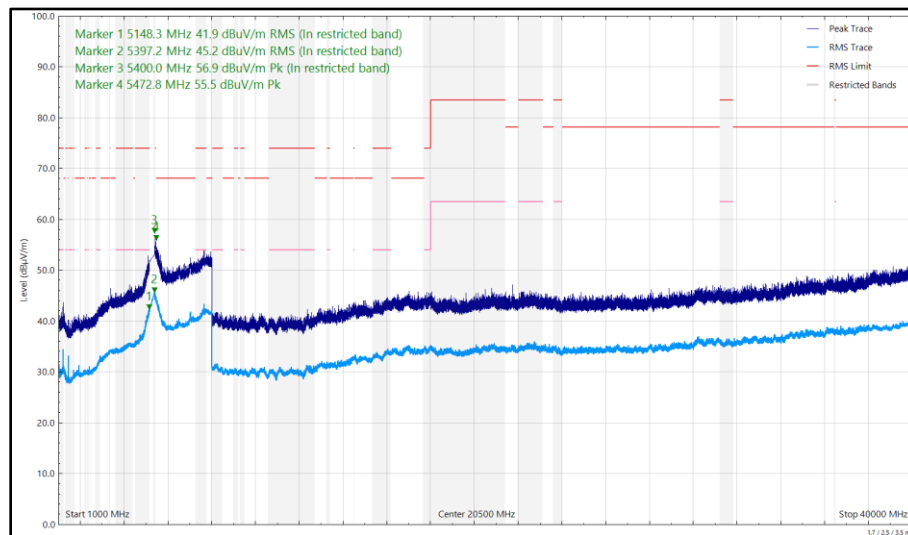


Figure 618 - U-NII-2A - 5320 MHz (CH64), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

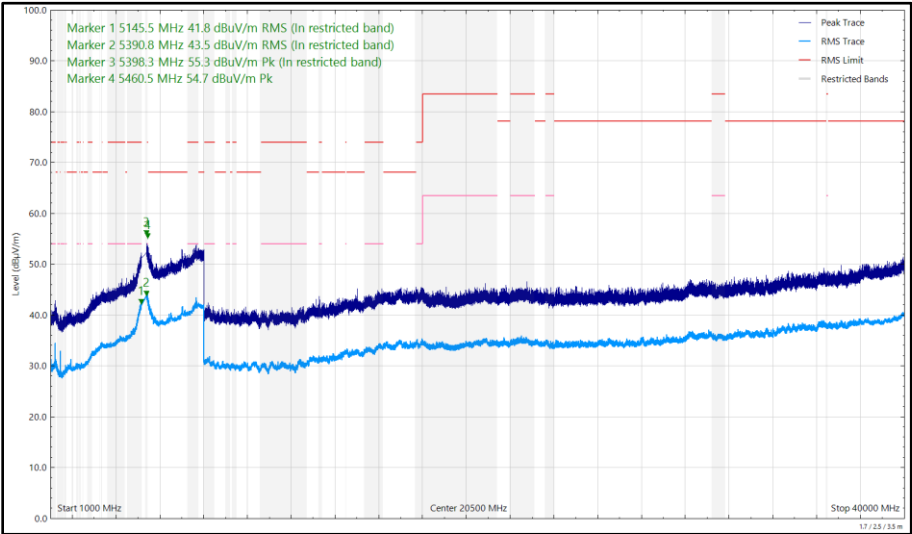


Figure 619 - U-NII-2A - 5320 MHz (CH64), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5283.343	51.51	68.20	-16.69	Peak	114	385	Horizontal
5285.673	53.23	68.20	-14.97	Peak	137	137	Vertical
5406.481	54.97	74.00	-19.03	Peak	133	100	Vertical
5408.834	42.14	54.00	-11.86	RMS	113	227	Vertical
5409.325	42.81	54.00	-11.19	RMS	142	106	Horizontal
5725.576	51.69	68.20	-16.51	Peak	359	197	Vertical
5744.242	52.42	68.20	-15.78	Peak	193	140	Horizontal

Table 738 - 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.

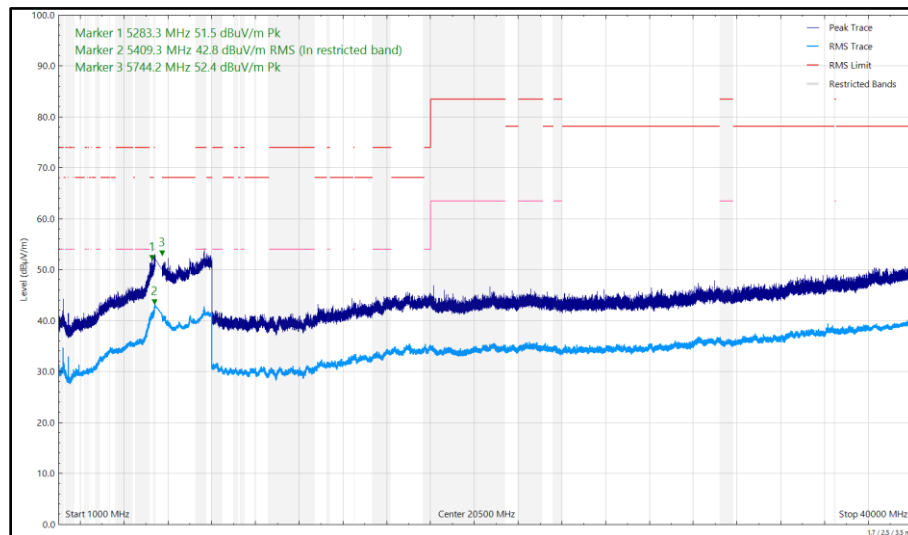


Figure 620 - U-NII-2C - 5500 MHz (CH100), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

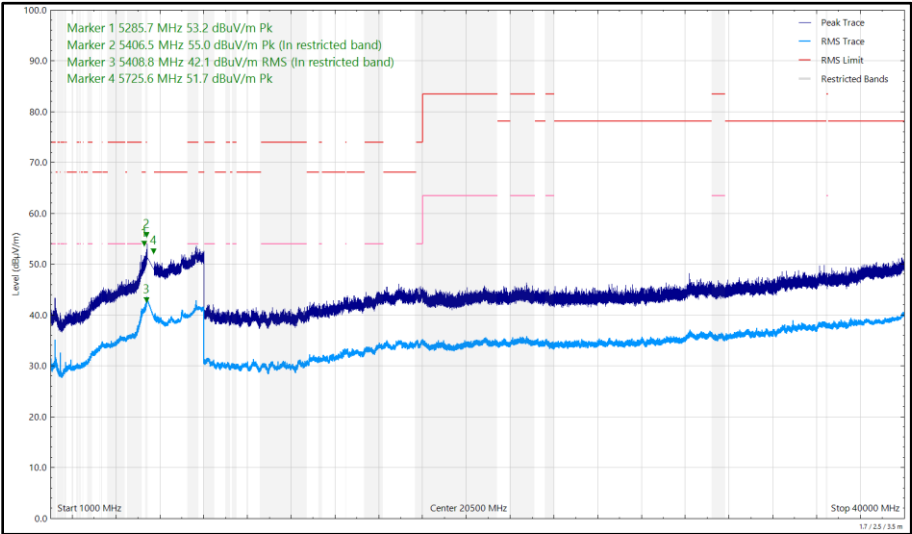


Figure 621 - U-NII-2C - 5500 MHz (CH100), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5433.213	41.35	54.00	-12.65	RMS	138	102	Vertical
5453.689	41.34	54.00	-12.66	RMS	135	245	Horizontal
5465.624	54.48	68.20	-13.72	Peak	143	258	Vertical
5467.168	53.63	68.20	-14.57	Peak	142	102	Horizontal
5760.910	56.88	68.20	-11.32	Peak	119	397	Vertical
5761.484	56.66	68.20	-11.54	Peak	115	100	Horizontal

Table 739 - 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.

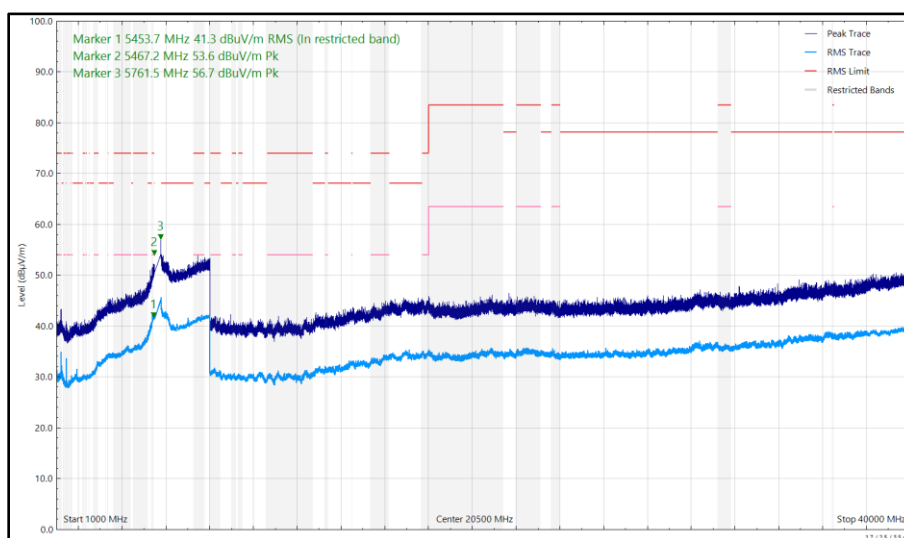


Figure 622 - U-NII-2C - 5700 MHz (CH140), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

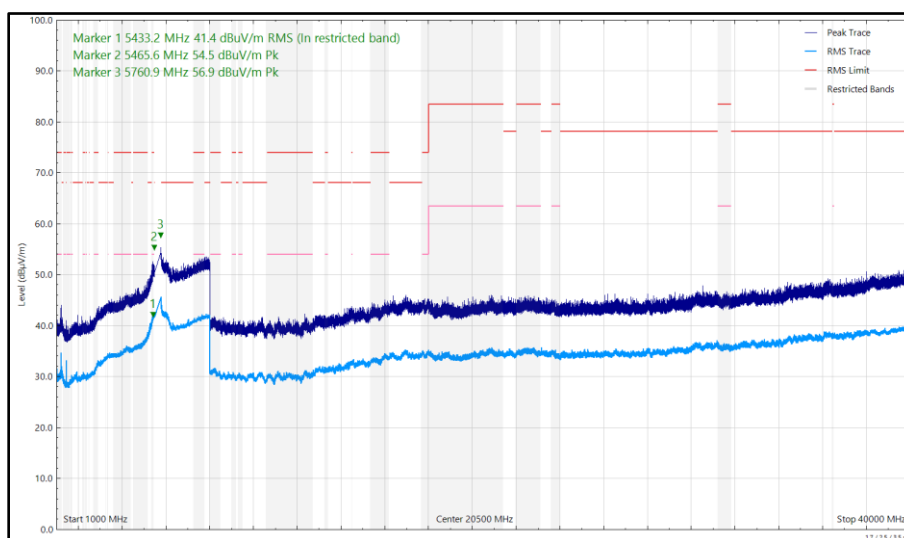


Figure 623 - U-NII-2C - 5700 MHz (CH140), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1203.380	34.17	54.00	-19.83	RMS	327	243	Vertical
1203.385	34.34	54.00	-19.66	RMS	327	222	Horizontal
5432.270	41.03	54.00	-12.97	RMS	142	108	Vertical
5452.707	41.07	54.00	-12.93	RMS	134	325	Horizontal
5485.191	53.08	68.20	-15.12	Peak	292	100	Horizontal
5587.849	54.17	68.20	-14.03	Peak	302	263	Vertical
5916.426	53.61	68.20	-14.59	Peak	293	189	Vertical
5975.222	53.97	68.20	-14.23	Peak	310	227	Horizontal

Table 740 - 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.

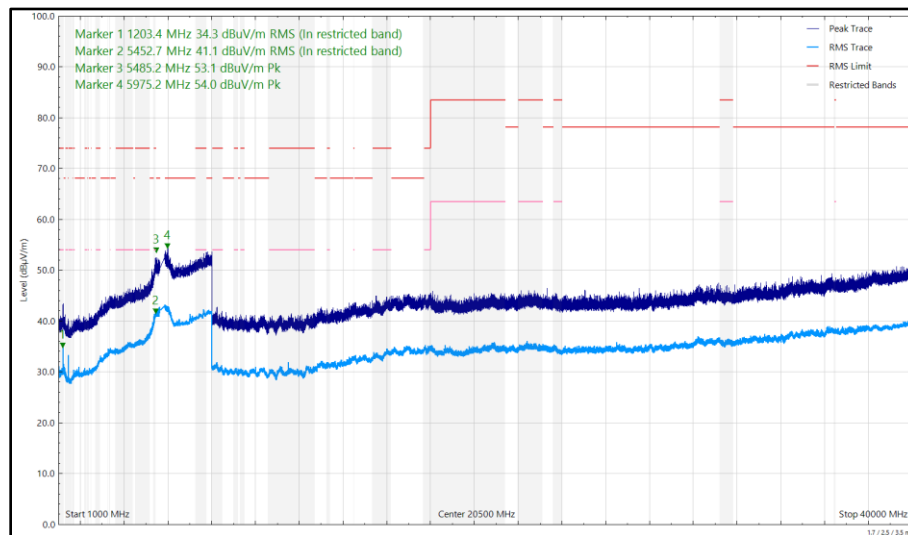


Figure 624 - U-NII-3 - 5745 MHz (CH149), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

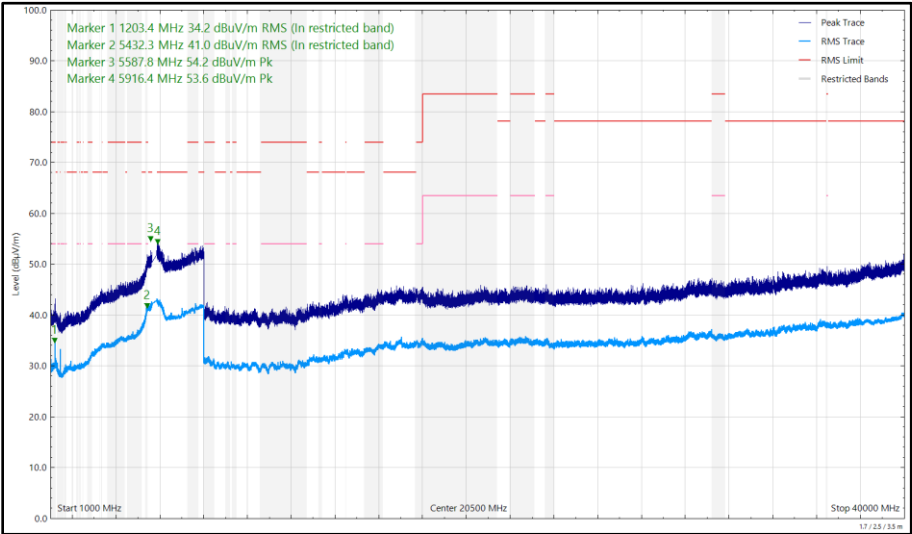


Figure 625 - U-NII-3 - 5745 MHz (CH149), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
30.700	25.03	40.00	-14.97	Q-Peak	182	107	Vertical
30.778	22.21	40.00	-17.79	Q-Peak	330	105	Vertical
275.299	27.90	46.00	-18.10	Q-Peak	351	130	Vertical
5450.472	40.46	54.00	-13.54	RMS	132	106	Horizontal
5458.908	39.41	54.00	-14.59	RMS	69	100	Vertical
5721.283	53.83	68.20	-14.37	Peak	151	101	Vertical
5721.909	54.47	68.20	-13.73	Peak	93	264	Horizontal
5951.787	54.10	68.20	-14.10	Peak	301	100	Vertical
5957.901	53.11	68.20	-15.09	Peak	203	254	Horizontal

Table 741 - 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.

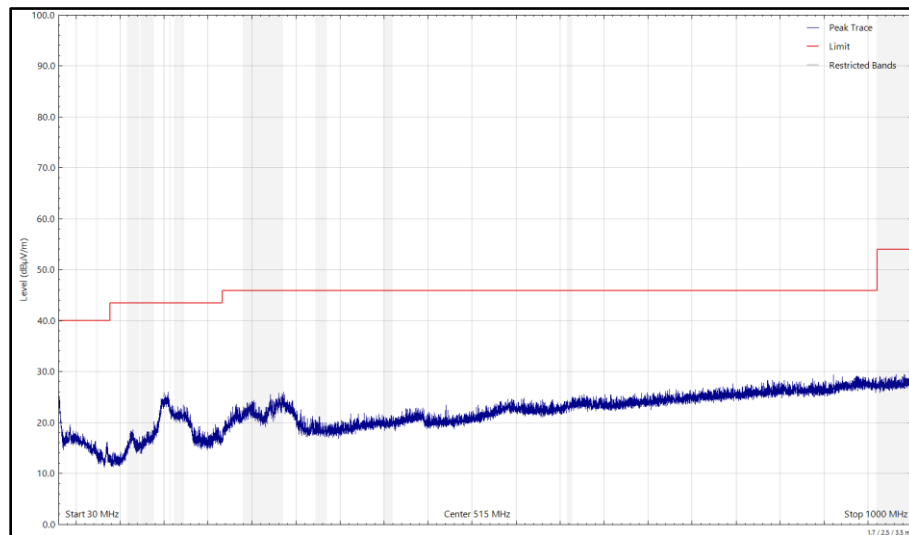


Figure 626 - U-NII-3 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

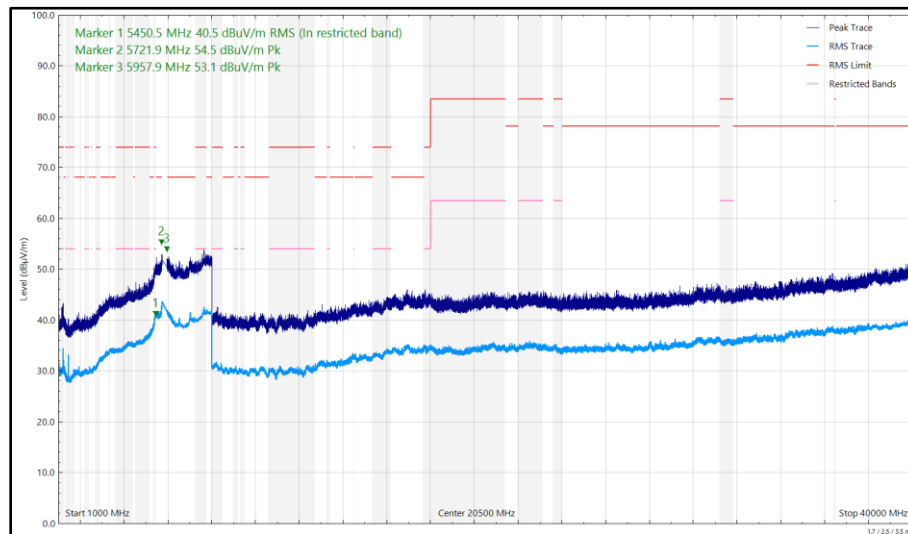


Figure 627 - U-NII-3 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

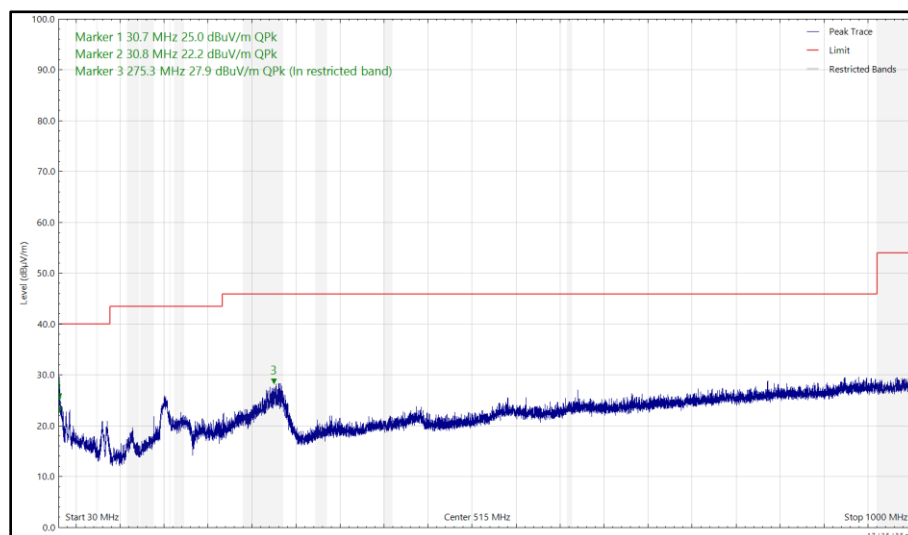


Figure 628 - U-NII-3 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

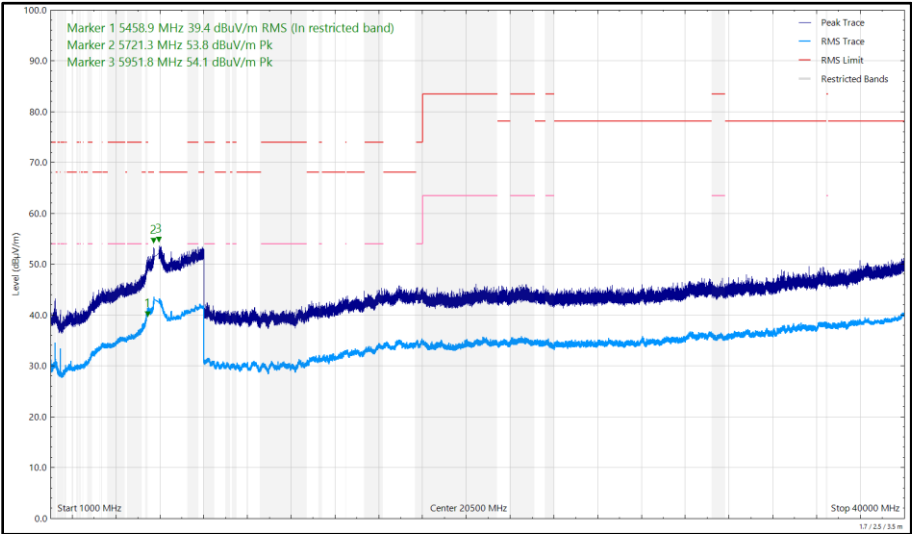


Figure 629 - U-NII-3 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
30.617	24.36	40.00	-15.64	Q-Peak	7	118	Vertical
277.919	28.16	46.00	-17.84	Q-Peak	5	157	Vertical
1202.480	34.29	54.00	-19.71	RMS	331	110	Horizontal
1202.990	34.46	54.00	-19.54	RMS	330	336	Vertical
5109.939	42.57	54.00	-11.43	RMS	136	101	Horizontal
5109.987	42.73	54.00	-11.27	RMS	134	106	Vertical
5362.780	42.95	54.00	-11.05	RMS	179	173	Horizontal
5367.492	41.27	54.00	-12.73	RMS	12	112	Vertical
5486.183	53.29	68.20	-14.91	Peak	30	201	Vertical
5493.177	54.47	68.20	-13.73	Peak	201	270	Horizontal

Table 742 - 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.

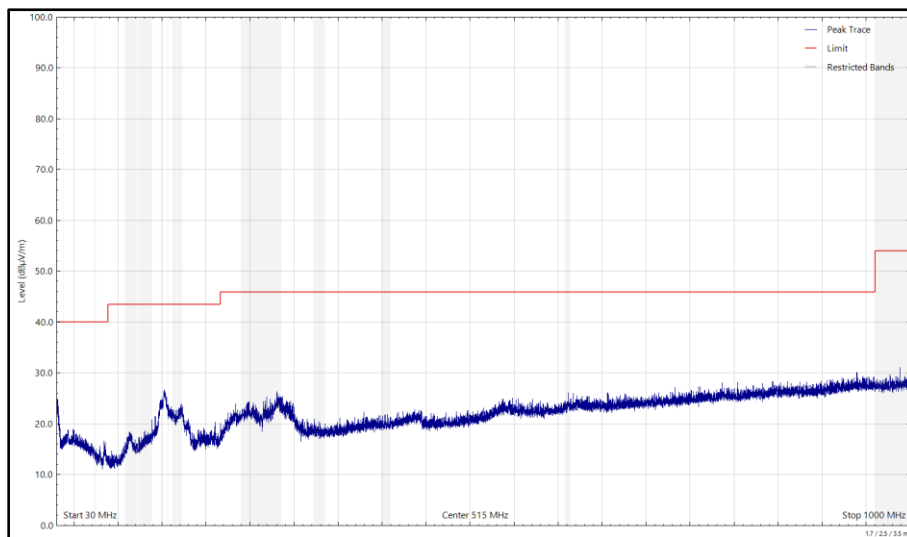
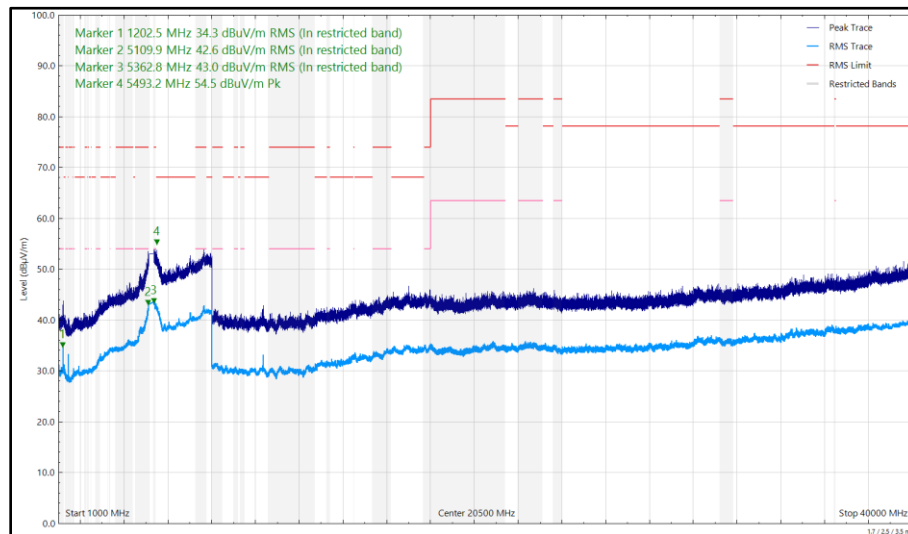
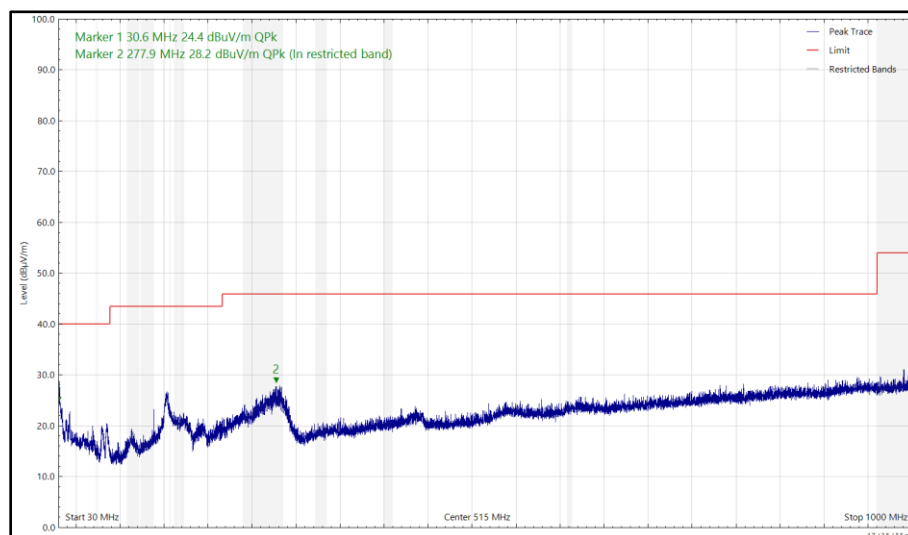


Figure 630 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)



**Figure 631 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1,
1 GHz to 40 GHz, Horizontal**



**Figure 632 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1,
30 MHz to 1 GHz, Vertical (Peak)**

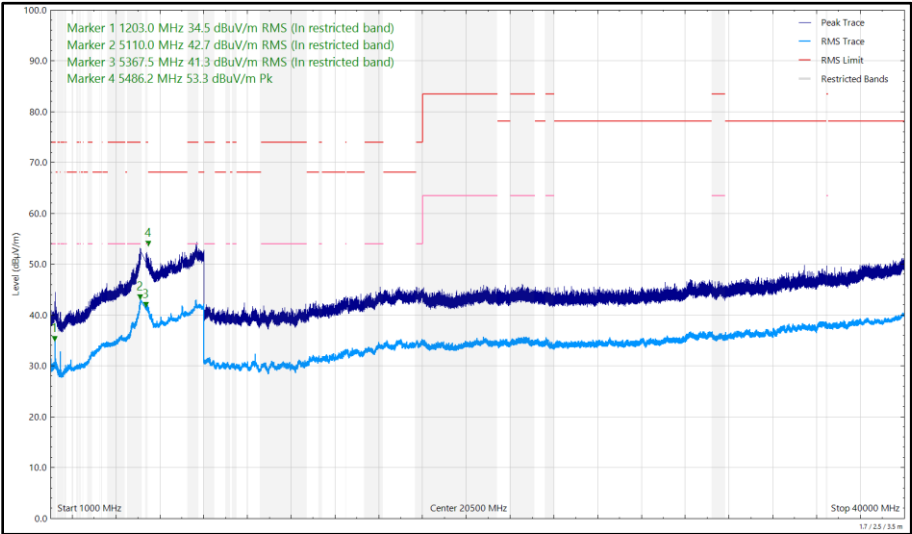


Figure 633 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5147.273	41.34	54.00	-12.66	RMS	130	265	Horizontal
5148.084	41.46	54.00	-12.54	RMS	135	147	Vertical
5390.623	42.76	54.00	-11.24	RMS	15	106	Vertical
5397.529	55.65	74.00	-18.35	Peak	133	129	Vertical
5398.642	44.05	54.00	-9.95	RMS	180	211	Horizontal
5413.664	56.17	74.00	-17.83	Peak	180	211	Horizontal
5462.531	54.68	68.20	-13.52	Peak	27	164	Vertical
5473.135	55.39	68.20	-12.81	Peak	191	195	Horizontal

Table 743 - 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.

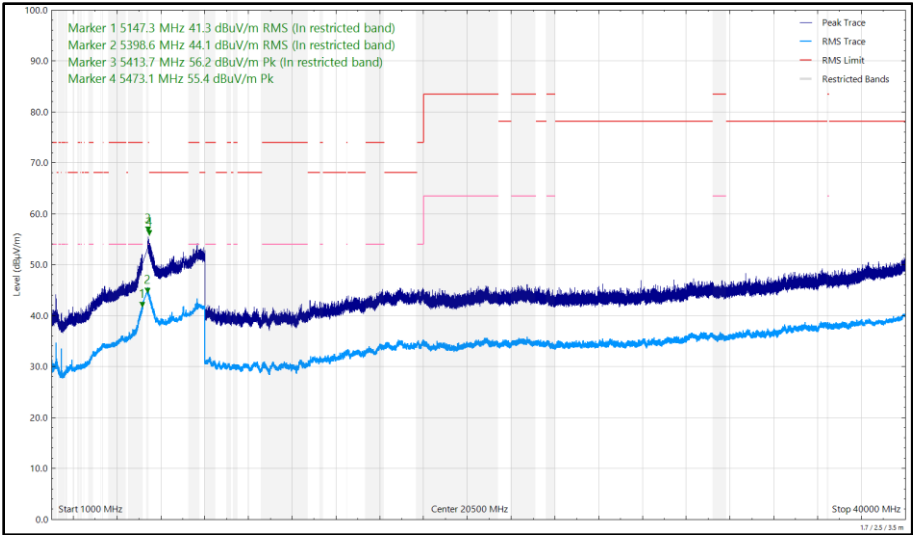
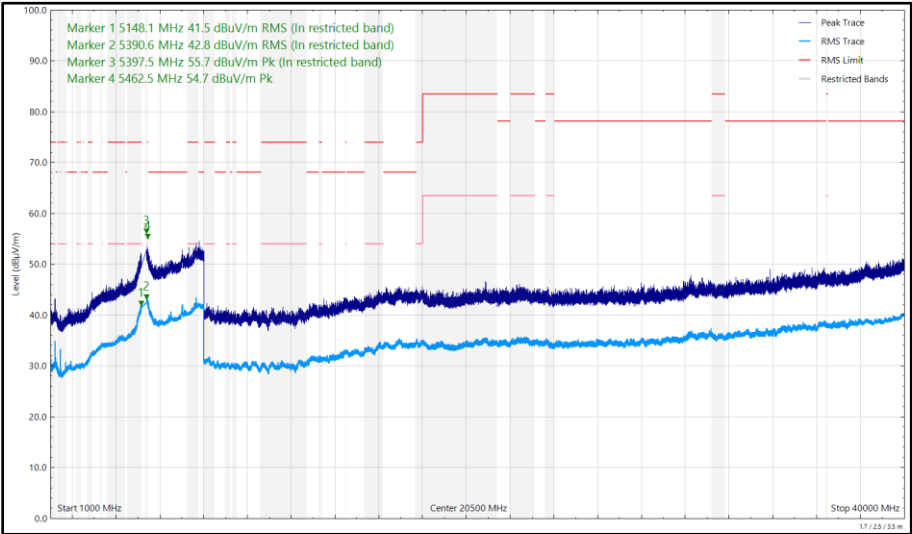


Figure 634 - U-NII-2A - 5320 MHz (CH64), HE20, RU52-37, CDD, Core 0 + Core 1,
1 GHz to 40 GHz, Horizontal

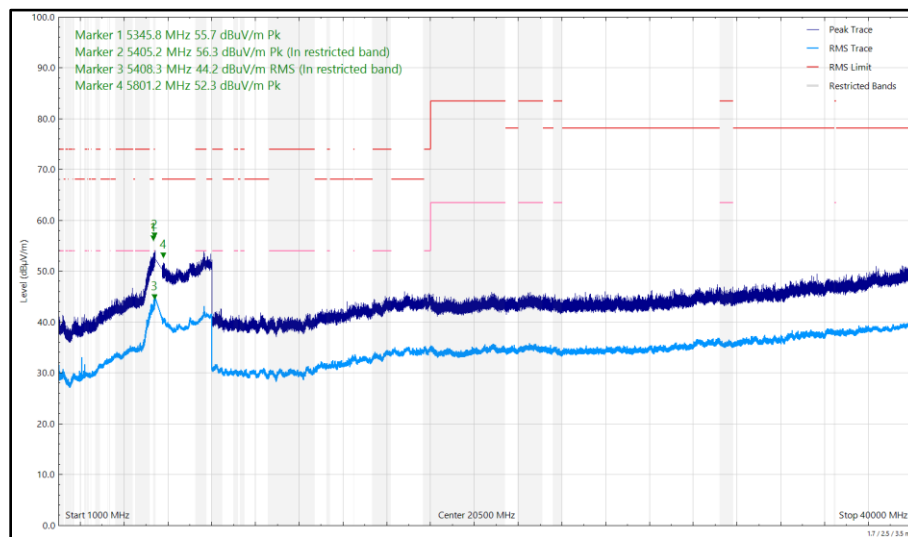


**Figure 635 - U-NII-2A - 5320 MHz (CH64), HE20, RU52-37, CDD, Core 0 + Core 1,
1 GHz to 40 GHz, Vertical**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5313.825	52.59	68.20	-15.61	Peak	20	181	Vertical
5345.817	55.70	68.20	-12.50	Peak	181	196	Horizontal
5405.235	56.28	74.00	-17.72	Peak	188	111	Horizontal
5406.536	41.78	54.00	-12.22	RMS	19	160	Vertical
5408.313	44.16	54.00	-9.84	RMS	198	149	Horizontal
5783.270	50.31	68.20	-17.89	Peak	194	347	Vertical
5801.155	52.27	68.20	-15.93	Peak	184	211	Horizontal

**Table 744 - 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 636 - U-NII-2C - 5500 MHz (CH100), HE20, RU52-37, CDD, Core 0 + Core 1,
1 GHz to 40 GHz, Horizontal**

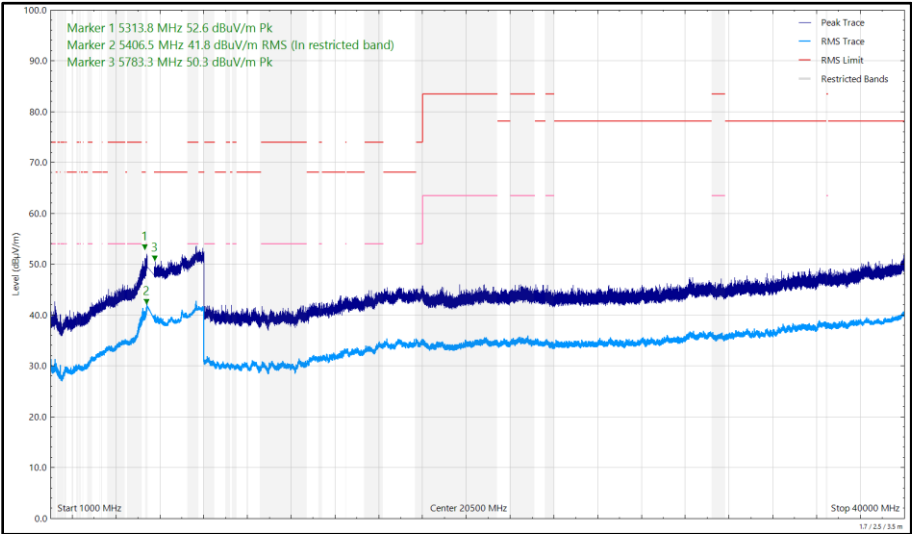


Figure 637 - U-NII-2C - 5500 MHz (CH100), HE20, RU52-37, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5452.330	39.76	54.00	-14.24	RMS	352	123	Vertical
5459.955	41.97	54.00	-12.03	RMS	184	188	Horizontal
5464.785	54.37	68.20	-13.83	Peak	24	189	Vertical
5465.790	55.17	68.20	-13.03	Peak	188	201	Horizontal
5762.732	54.81	68.20	-13.39	Peak	0	166	Vertical
5767.545	56.46	68.20	-11.74	Peak	203	136	Horizontal

Table 745 - U-NII-2C - 5700 MHz (CH140), HE20, RU52-37, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

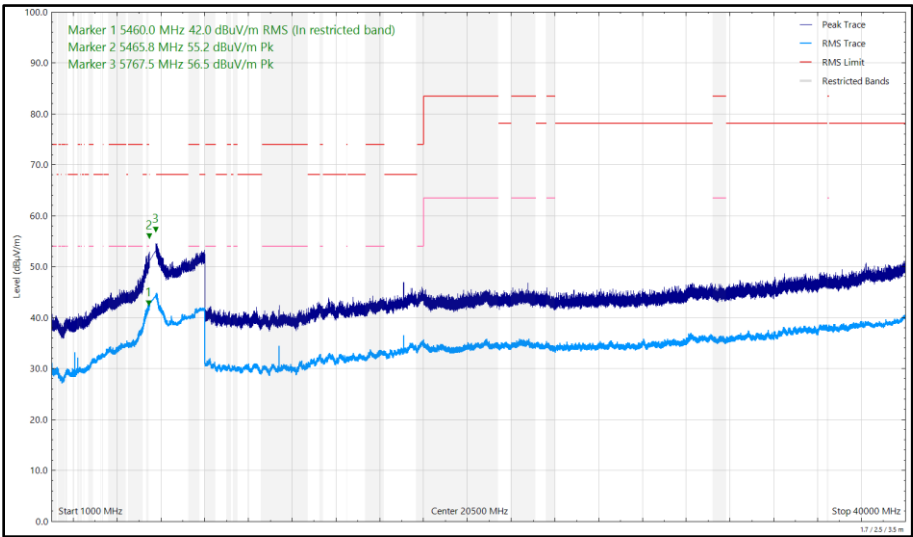


Figure 638 - U-NII-2C - 5700 MHz (CH140), HE20, RU52-37, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

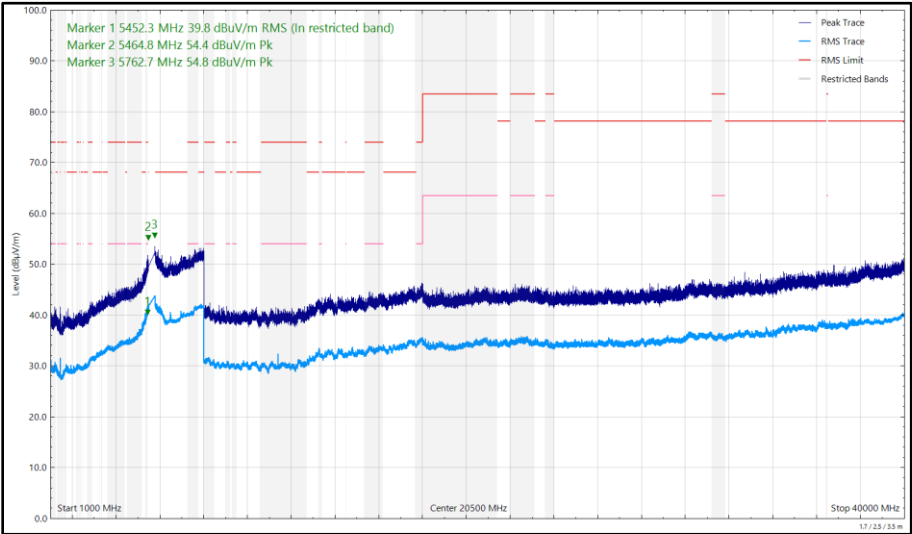
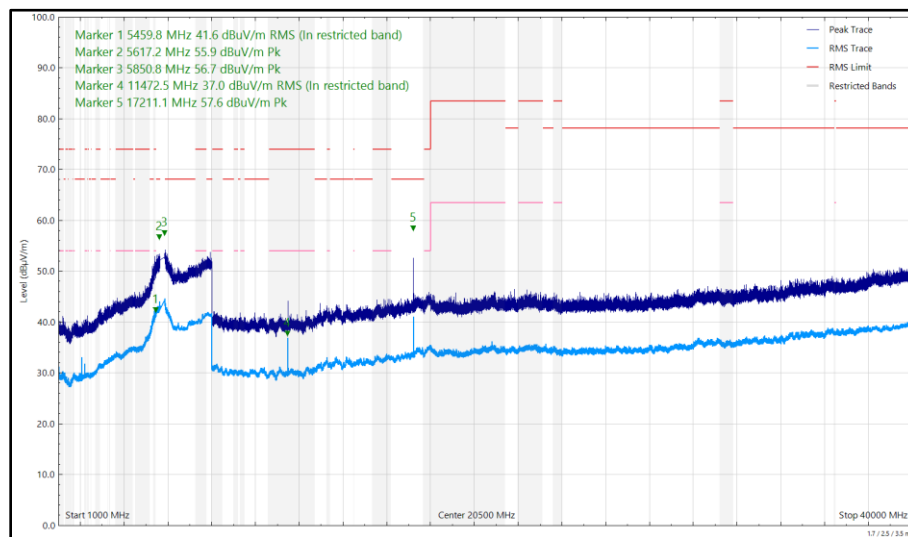


Figure 639 - U-NII-2C - 5700 MHz (CH140), HE20, RU52-37, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

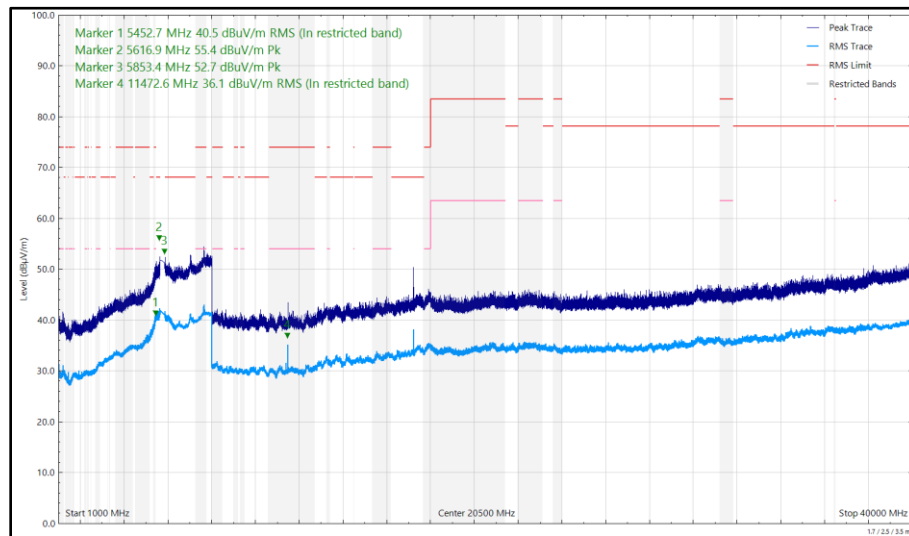
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5452.668	40.50	54.00	-13.50	RMS	18	204	Vertical
5459.817	41.59	54.00	-12.41	RMS	186	262	Horizontal
5616.934	55.35	68.20	-12.85	Peak	190	177	Vertical
5617.208	55.93	68.20	-12.27	Peak	199	196	Horizontal
5850.828	56.65	68.20	-11.55	Peak	200	245	Horizontal
5853.397	52.70	68.20	-15.50	Peak	326	107	Vertical
11472.545	36.97	54.00	-17.03	RMS	197	103	Horizontal
11472.620	36.10	54.00	-17.90	RMS	179	175	Vertical
17211.113	57.59	74.00	-16.41	Peak	18	244	Horizontal

**Table 746 - U-NII-3 - 5745 MHz (CH149), HE20, RU26-0, CDD, Core 0 + Core 1,
1 GHz to 40 GHz**

No other emissions found within 10 dB of the limit.



**Figure 640 - U-NII-3 - 5745 MHz (CH149), HE20, RU26-0, CDD, Core 0 + Core 1,
1 GHz to 40 GHz, Horizontal**

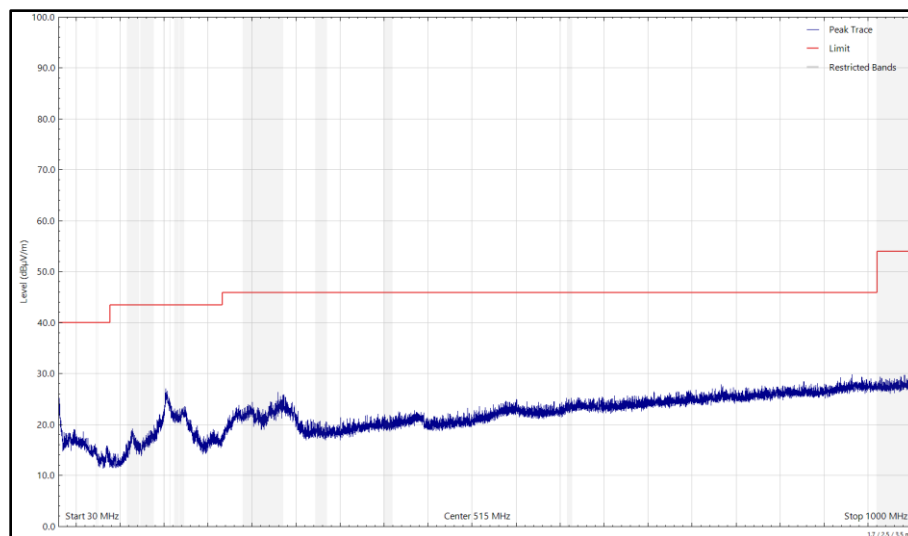


**Figure 641 - U-NII-3 - 5745 MHz (CH149), HE20, RU26-0, CDD, Core 0 + Core 1,
1 GHz to 40 GHz, Vertical**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
30.748	24.78	40.00	-15.22	Q-Peak	94	100	Vertical
279.471	28.51	46.00	-17.49	Q-Peak	5	143	Vertical
5430.958	39.77	54.00	-14.23	RMS	22	191	Vertical
5457.100	40.95	54.00	-13.05	RMS	191	190	Horizontal
5669.134	55.44	68.20	-12.76	Peak	213	100	Horizontal
5723.372	53.44	68.20	-14.76	Peak	353	144	Vertical
5970.200	53.06	68.20	-15.14	Peak	203	209	Horizontal
5984.395	53.02	68.20	-15.18	Peak	190	127	Vertical

**Table 747 - 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 642 - U-NII-3 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1,
30 MHz to 1 GHz, Horizontal (Peak)**