

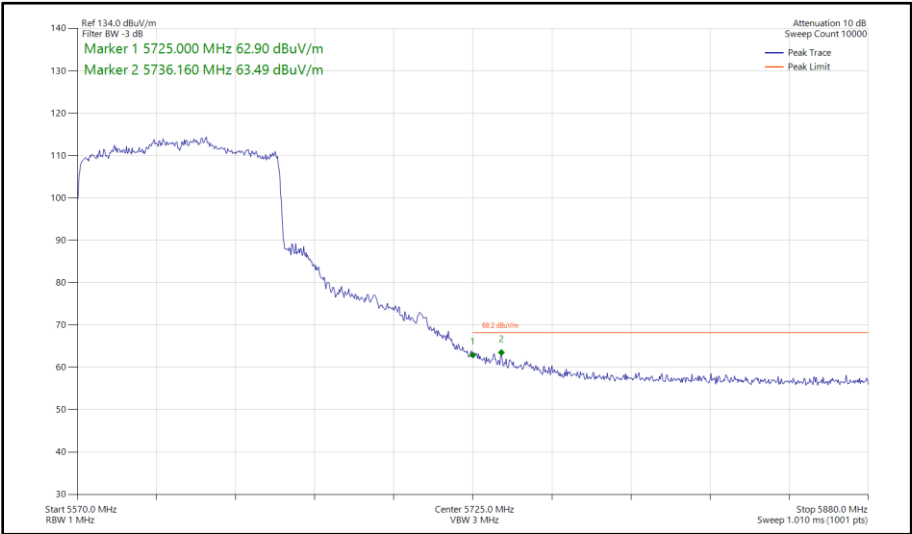


Figure 575 - 802.11ax HE80, SU, SDM, Core 0 - Core 1 - 5610 MHz
Band Edge Frequency 5725 MHz

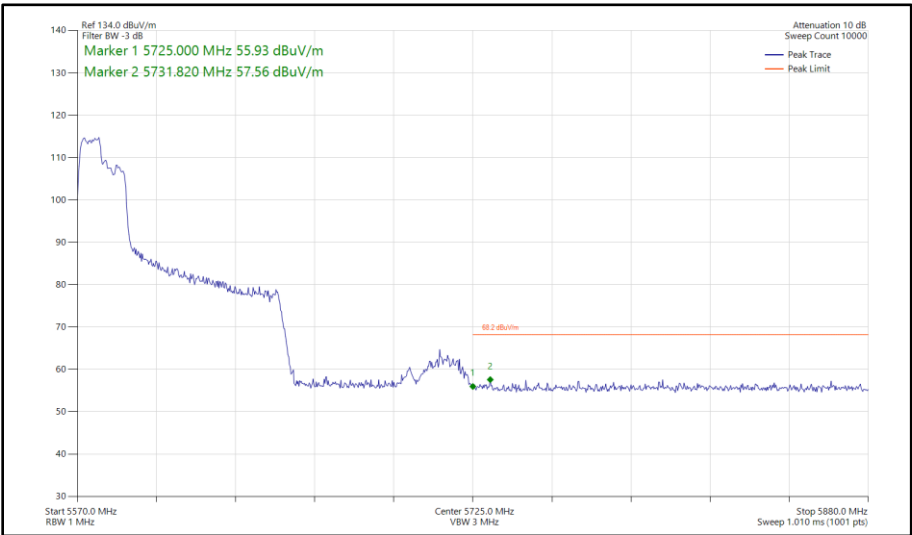


Figure 576 - 802.11ax HE80, RU 106-53, SDM, Core 0 - Core 1 - 5610 MHz
Band Edge Frequency 5725 MHz

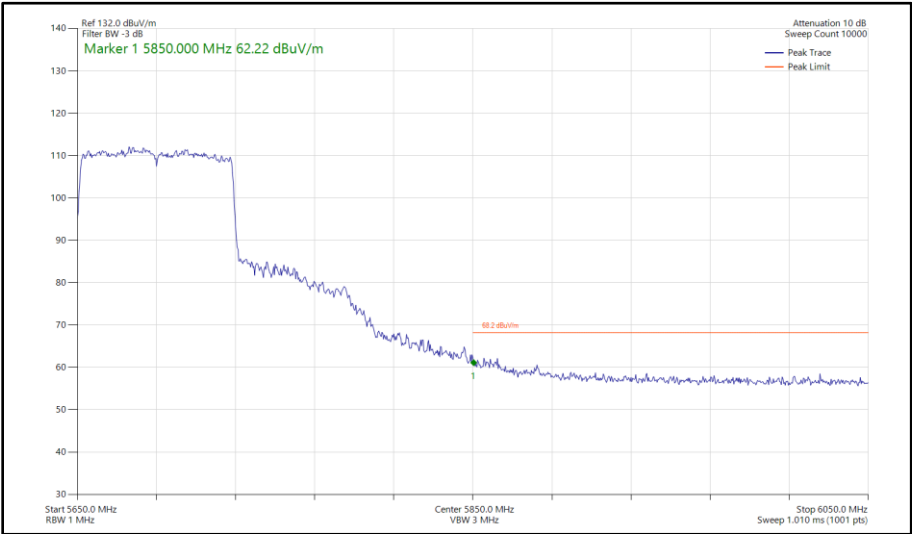


Figure 577 - 802.11ac VHT80, SDM, Core 0 - Core 1 - 5690 MHz
Band Edge Frequency 5850 MHz

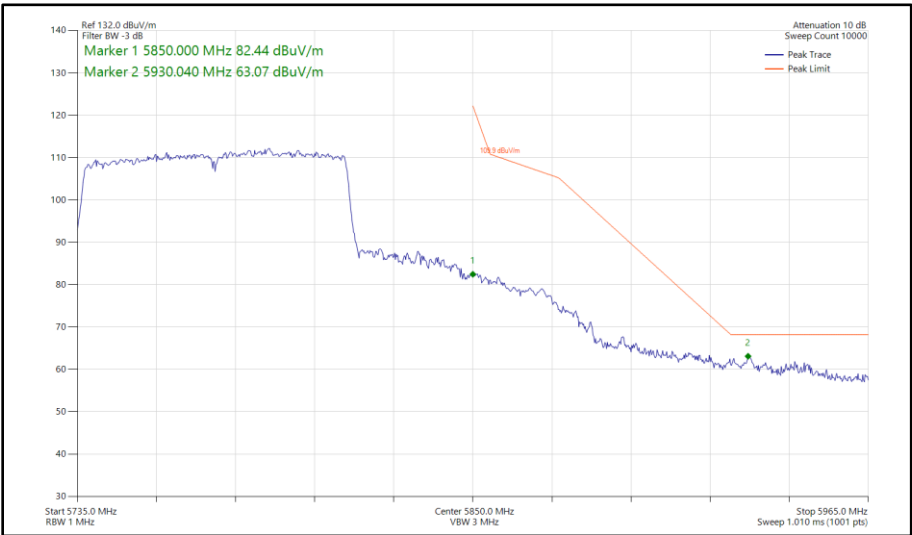


Figure 578 - 802.11ac VHT80, SDM, Core 0 - Core 1 - 5775 MHz
Band Edge Frequency 5850 MHz

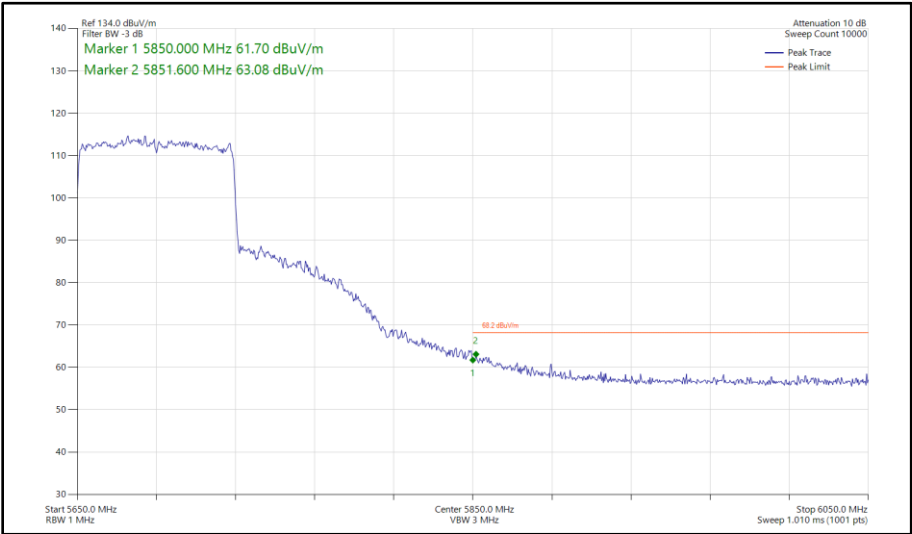


Figure 579 - 802.11ax HE80, SU, SDM, Core 0 - Core 1 - 5690 MHz
Band Edge Frequency 5850 MHz

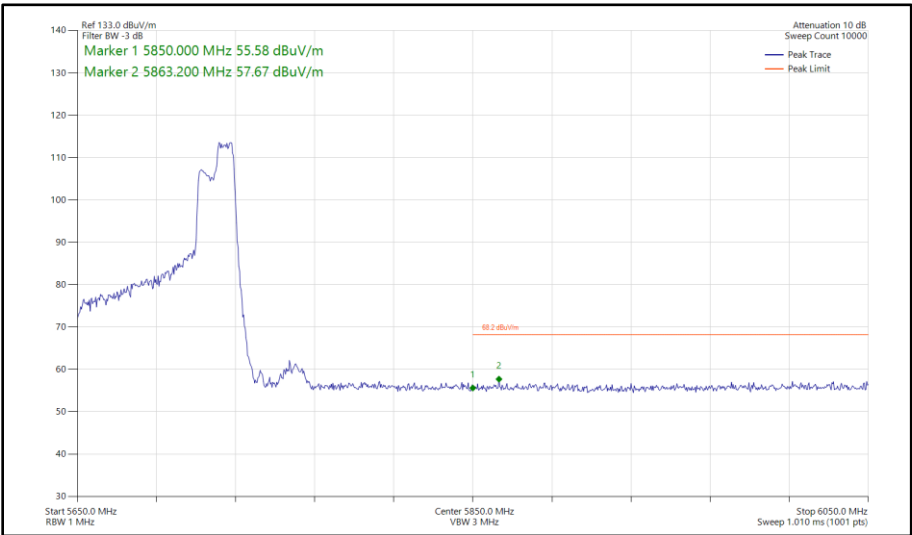


Figure 580 - 802.11ax HE80, RU 106-60, SDM, Core 0 - Core 1 - 5690 MHz
Band Edge Frequency 5850 MHz

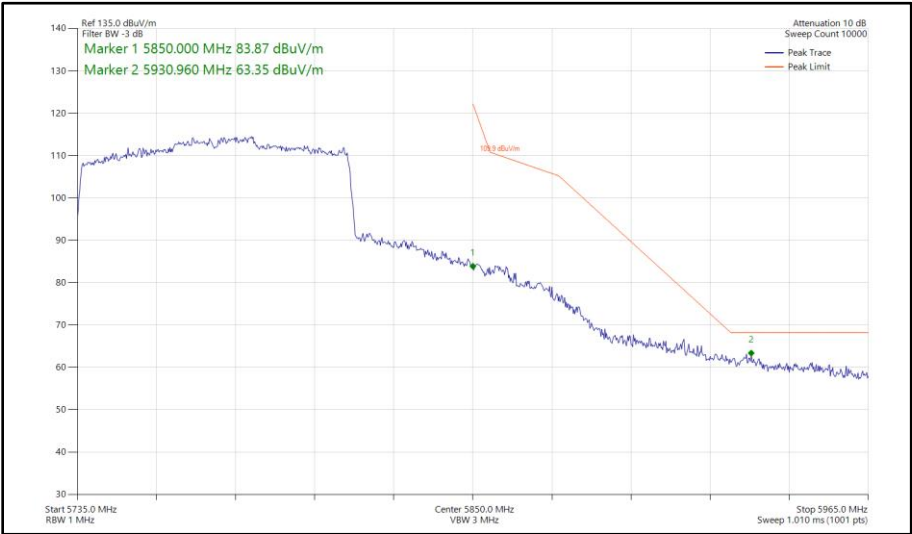


Figure 581 - 802.11ax HE80, SU, SDM, Core 0 - Core 1 - 5775 MHz
Band Edge Frequency 5850 MHz

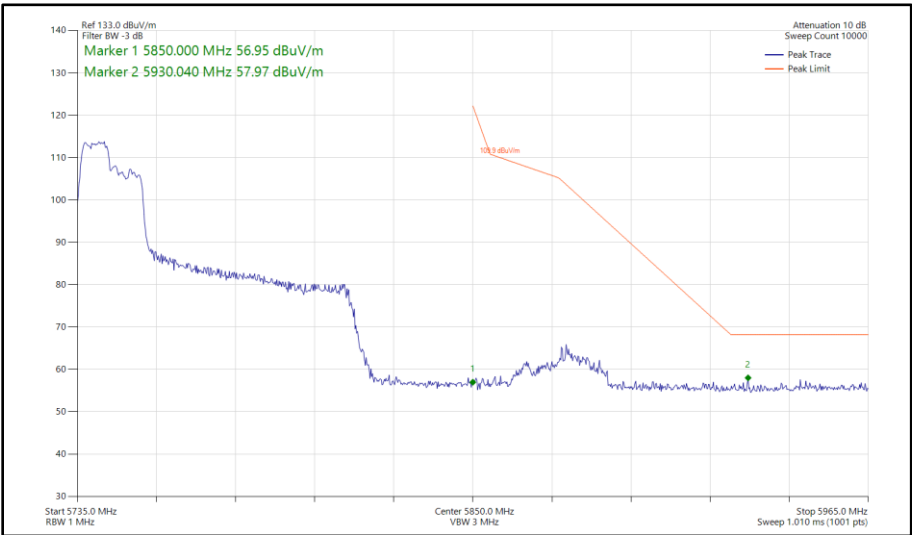


Figure 582 - 802.11ax HE80, RU 106-53, SDM, Core 0 - Core 1 - 5775 MHz
Band Edge Frequency 5850 MHz

80 MHz Bandwidth - Core 0 - Core 1 (TxBF)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)
802.11ac VHT80	MCS 8x1	-	-	5530	5470	63.09
802.11ac VHT80	MCS 2x1	-	-	5775	5725	63.23
802.11ac VHT80	MCS 4x1	-	-	5610	5725	63.49
802.11ac VHT80	MCS 8x1	-	-	5690	5850	60.67
802.11ac VHT80	MCS 4x1	-	-	5775	5850	63.48

Table 712 - TxBF Authorised Band Edge Results

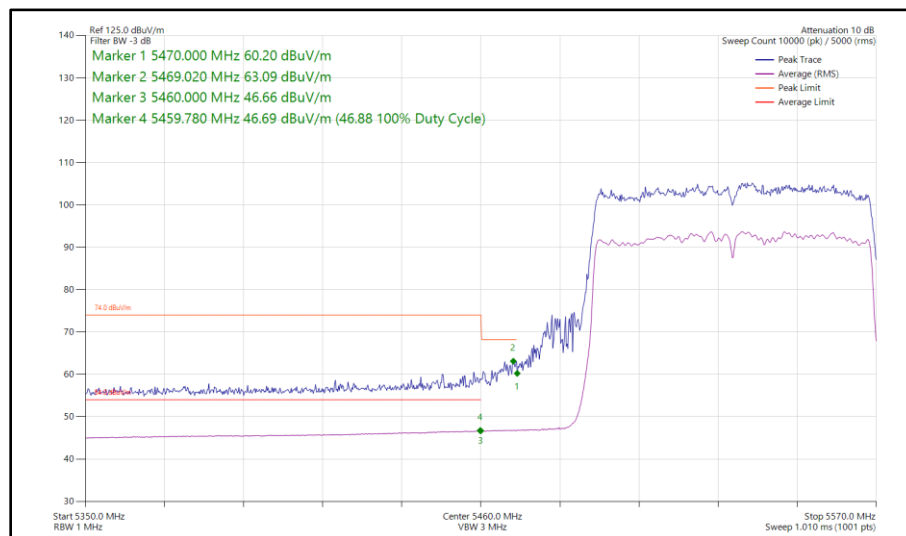


Figure 583 - 802.11ac VHT80, TxBF, Core 0 - Core 1 - 5530 MHz
Band Edge Frequency 5470 MHz

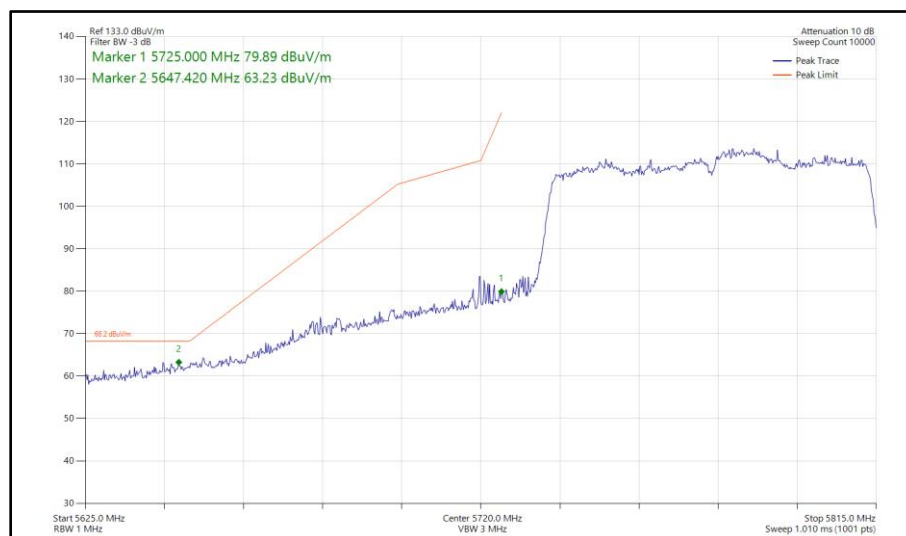


Figure 584 - 802.11ac VHT80, TxBF, Core 0 - Core 1 - 5775 MHz
Band Edge Frequency 5725 MHz

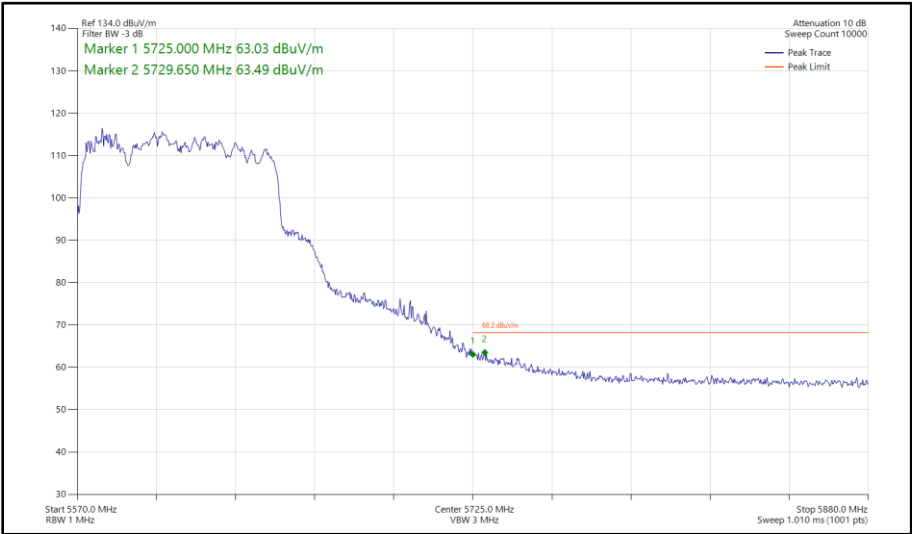


Figure 585 - 802.11ac VHT80, TxBF, Core 0 - Core 1 - 5610 MHz
Band Edge Frequency 5725 MHz

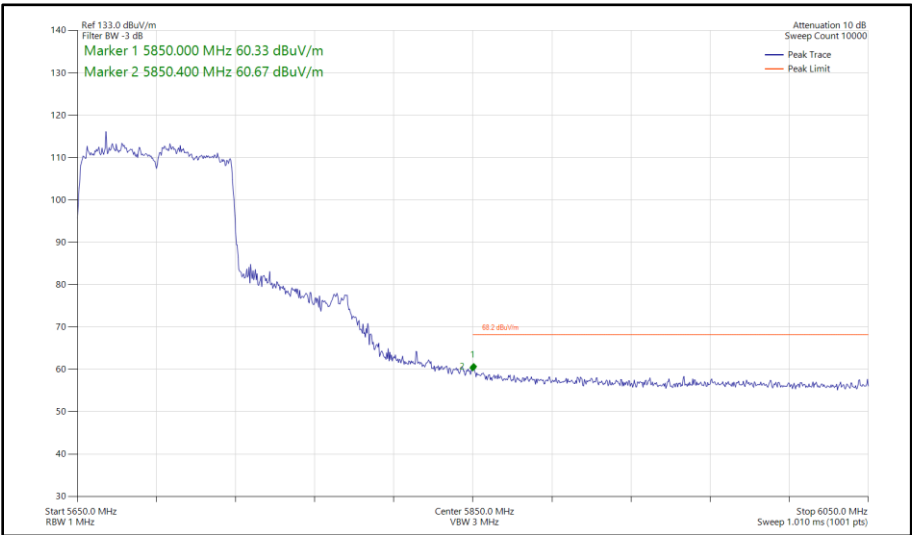
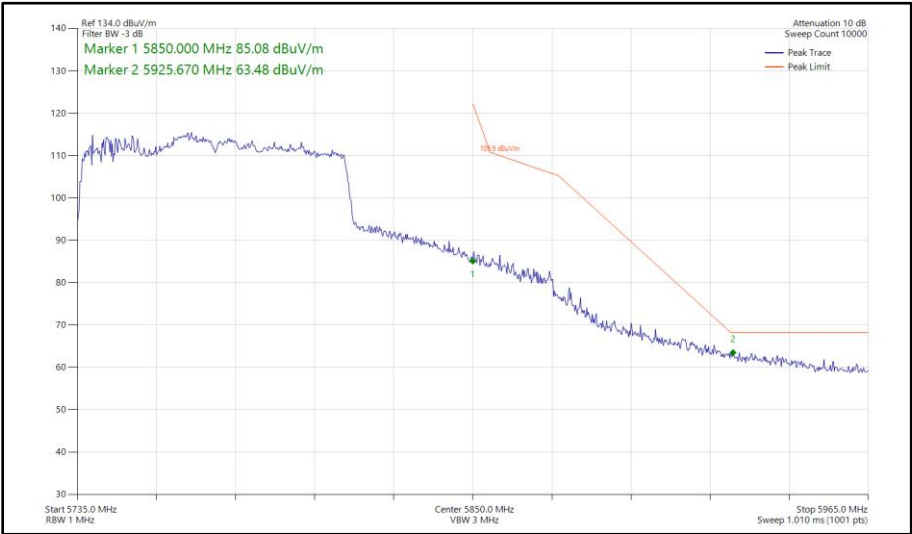


Figure 586 - 802.11ac VHT80, TxBF, Core 0 - Core 1 - 5690 MHz
Band Edge Frequency 5850 MHz

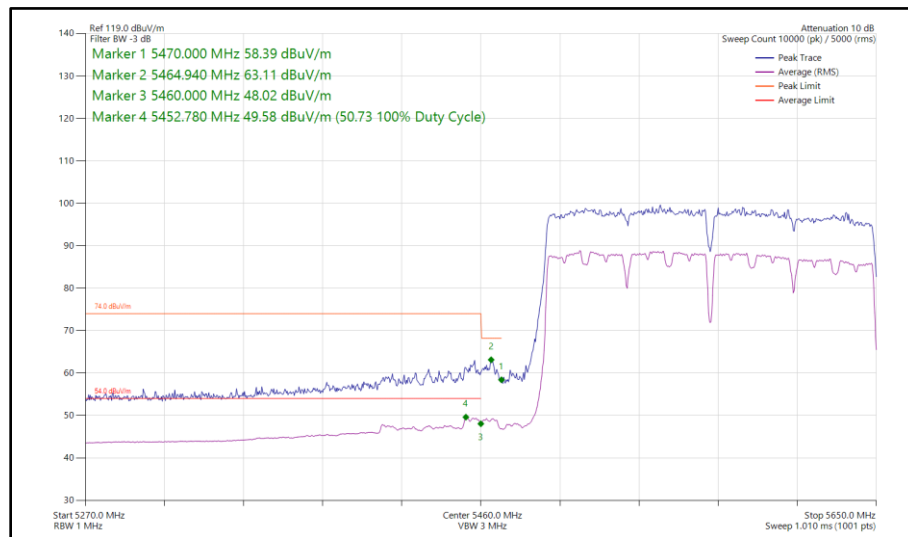


**Figure 587 - 802.11ac VHT80, TxBF, Core 0 - Core 1 - 5775 MHz
Band Edge Frequency 5850 MHz**

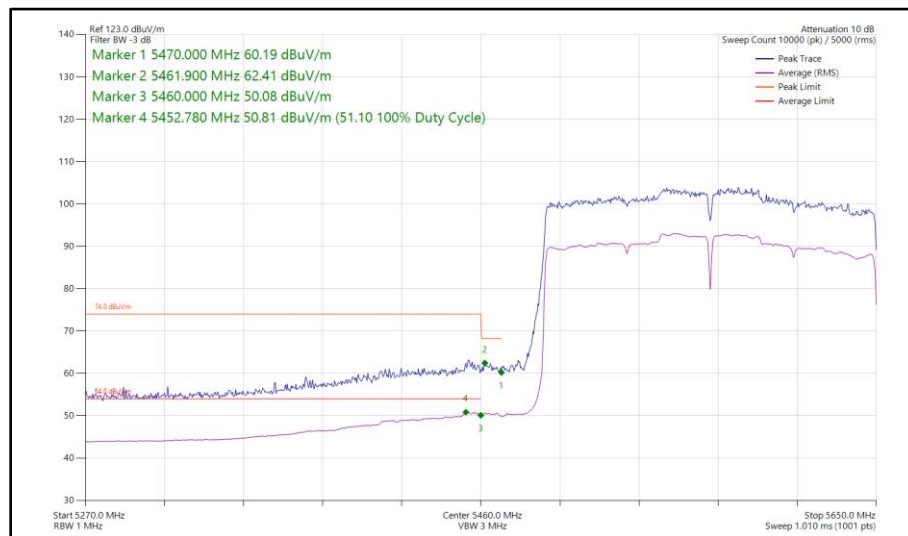
160 MHz Bandwidth - Core 0 (SISO)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)
802.11ac VHT160	MCS 7x1	-	-	5570	5470	63.11
802.11ax HE160	MCS 2x1	SU	-	5570	5470	62.41
802.11ax HE160	MCS 11x1	52	37P	5570	5470	57.33
802.11ac VHT160	MCS 2x1	-	-	5570	5725	63.24
802.11ax HE160	MCS 2x1	SU	-	5570	5725	63.60
802.11ax HE160	MCS 11x1	52	37P	5570	5725	59.17

Table 713 - SISO Authorised Band Edge Results



**Figure 588 - 802.11ac VHT160, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5470 MHz**



**Figure 589 - 802.11ax HE160, SU, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5470 MHz**

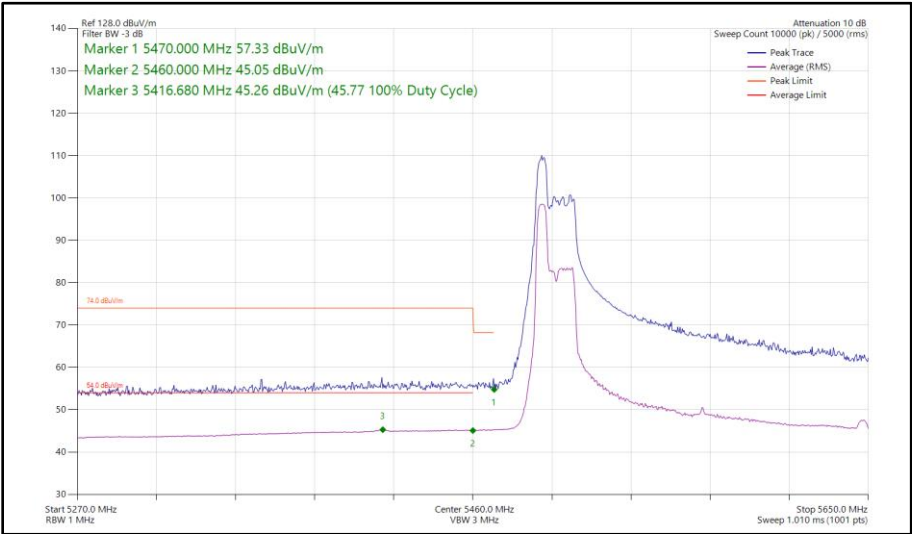


Figure 590 - 802.11ax HE160, RU 52-37P, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5470 MHz

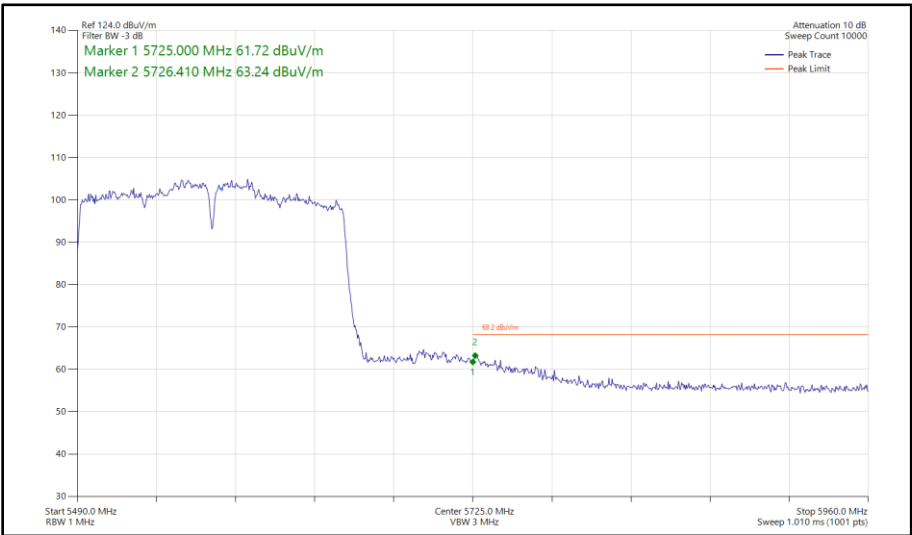


Figure 591 - 802.11ac VHT160, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5725 MHz

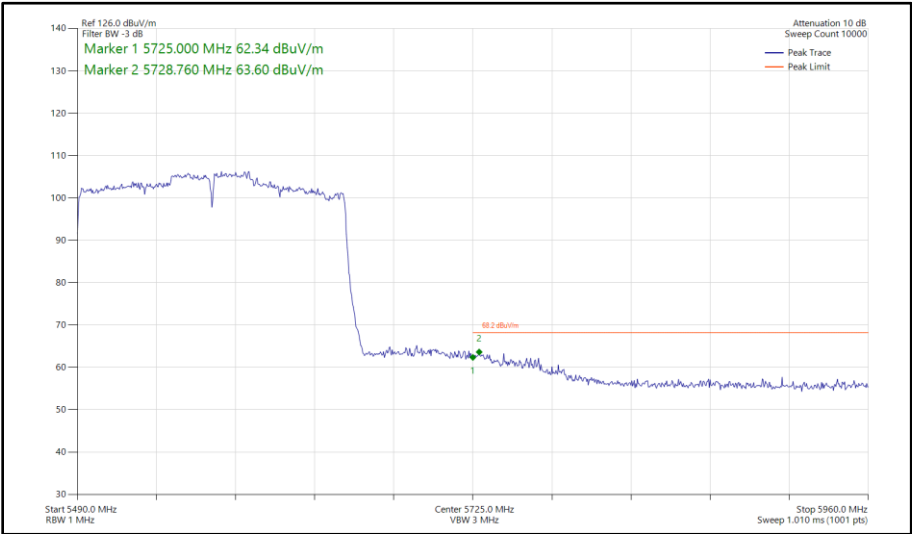


Figure 592 - 802.11ax HE160, SU, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5725 MHz

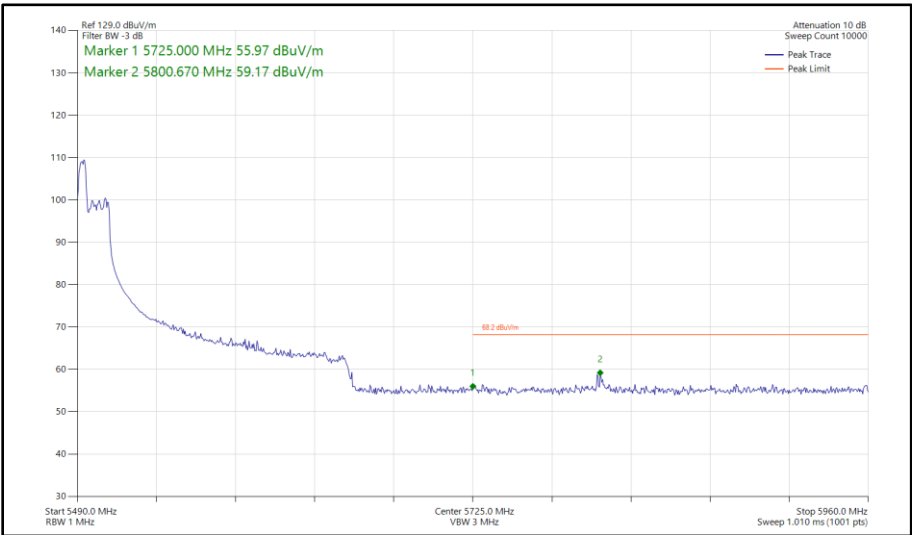
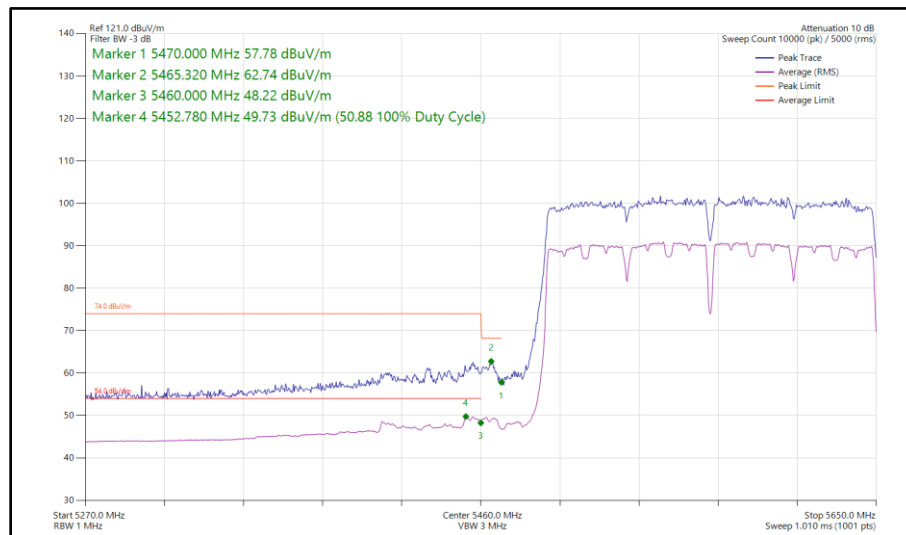


Figure 593 - 802.11ax HE160, RU 52-37P, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5725 MHz

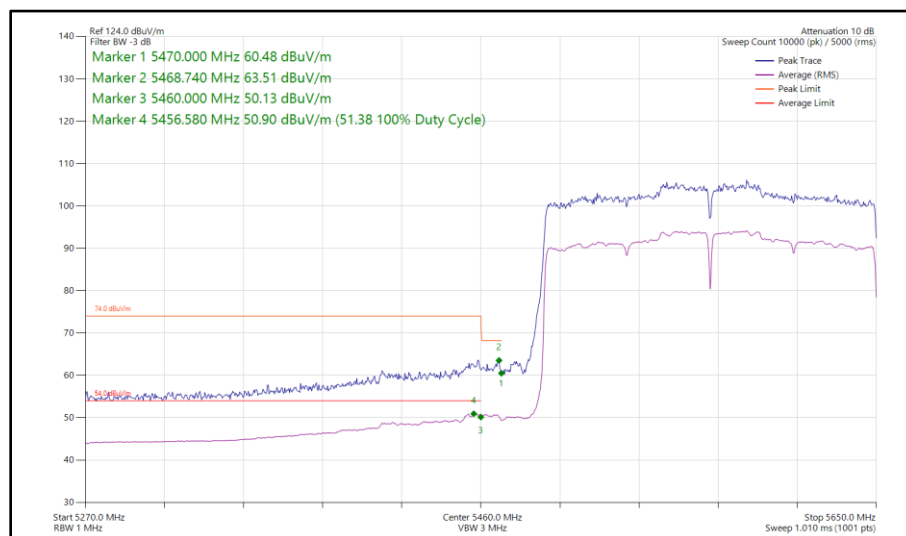
160 MHz Bandwidth - Core 1 (SISO)

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	62.74
802.11ax HE160	MCS 4x1	SU	-	5570	5470	63.51
802.11ax HE160	MCS 11x1	106	53P	5570	5470	57.40
802.11ac VHT160	MCS 4x1	-	-	5570	5725	63.37
802.11ax HE160	MCS 2x1	SU	-	5570	5725	63.62
802.11ax HE160	MCS 11x1	52	37P	5570	5725	63.14

Table 714 - SISO Authorised Band Edge Results



**Figure 594 - 802.11ac VHT160, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**



**Figure 595 - 802.11ax HE160, SU, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**

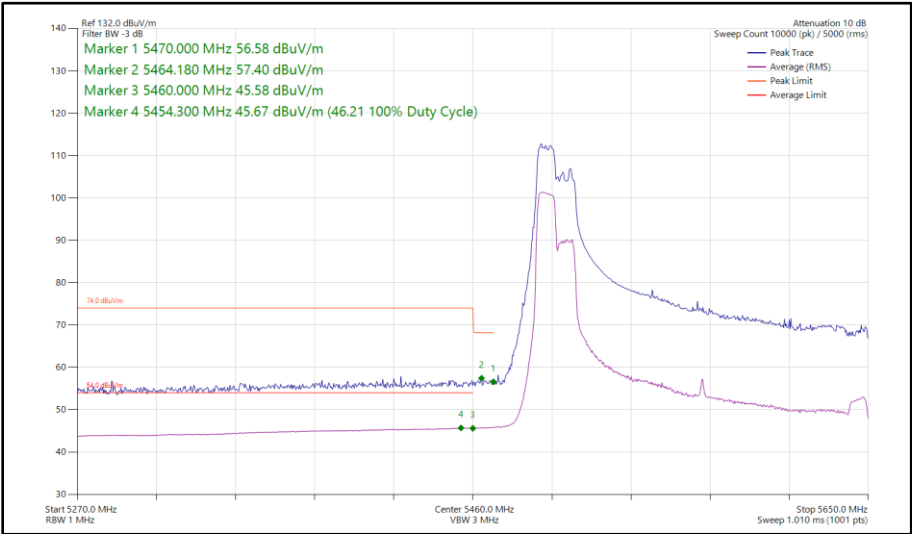


Figure 596 - 802.11ax HE160, RU 106-53P, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz

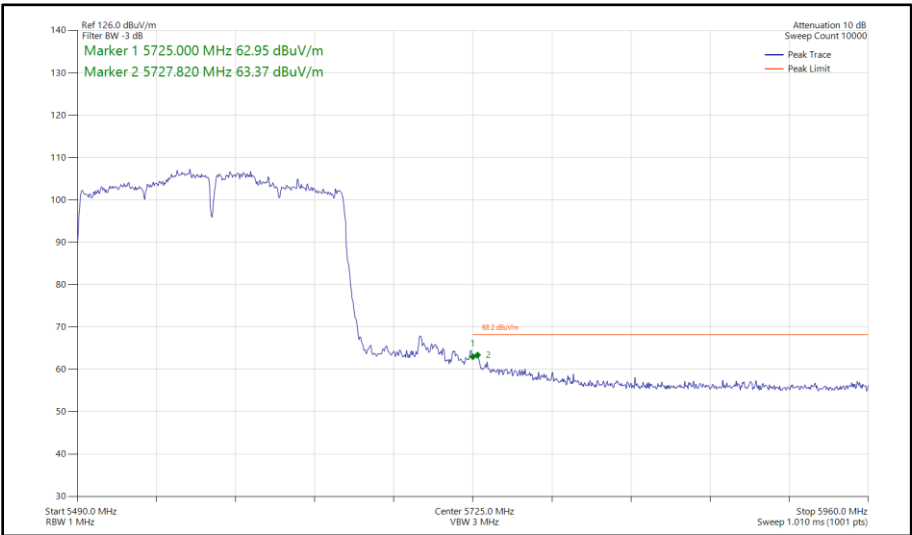


Figure 597 - 802.11ac VHT160, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz

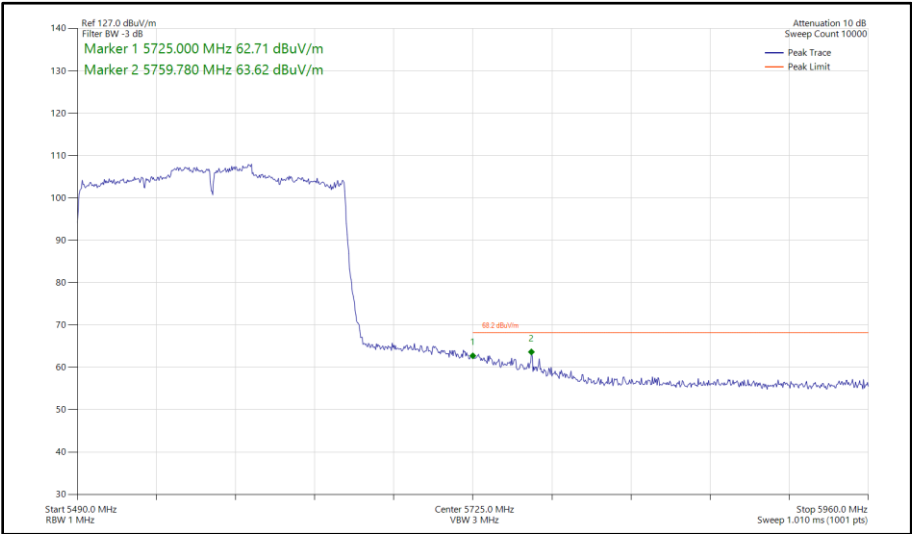


Figure 598 - 802.11ax HE160, SU, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz

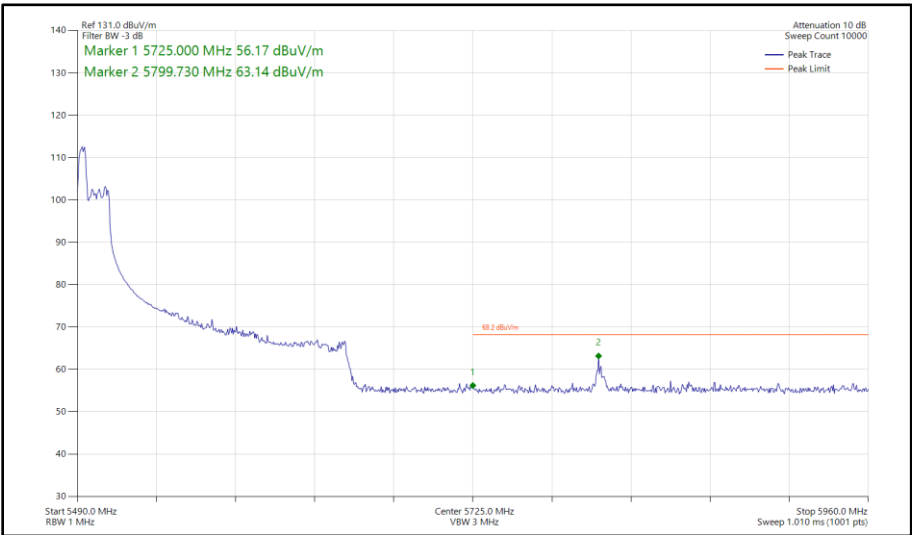
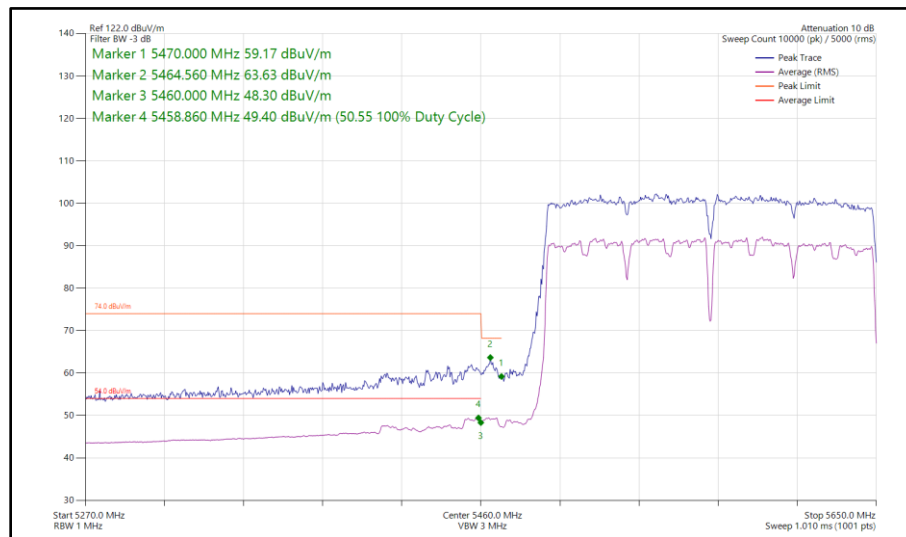


Figure 599 - 802.11ax HE160, RU 52-37P, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz

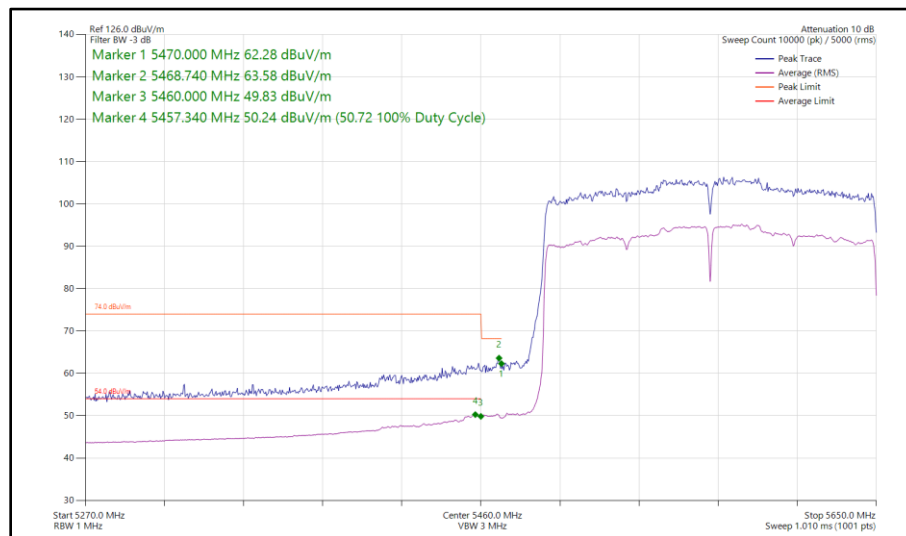
160 MHz Bandwidth - Core 0 - Core 1 (CDD)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)
802.11ac VHT160	MCS 7x1	-	-	5570	5470	63.63
802.11ax HE160	MCS 4x1	SU	-	5570	5470	63.58
802.11ax HE160	MCS 11x1	106	53P	5570	5470	57.67
802.11ac VHT160	MCS 7x1	-	-	5570	5725	63.62
802.11ax HE160	MCS 2x1	SU	-	5570	5725	63.37
802.11ax HE160	MCS 11x1	52	37P	5570	5725	59.56

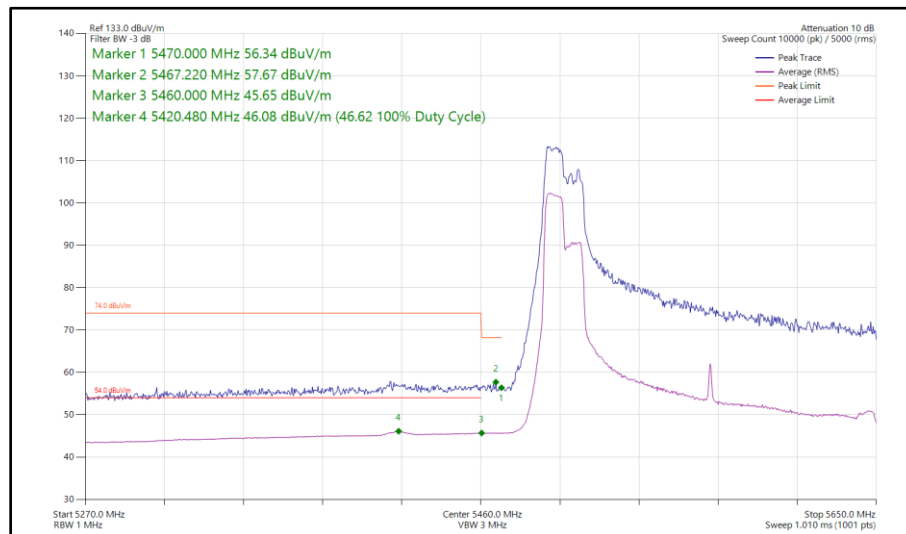
Table 715 - CDD Authorised Band Edge Results



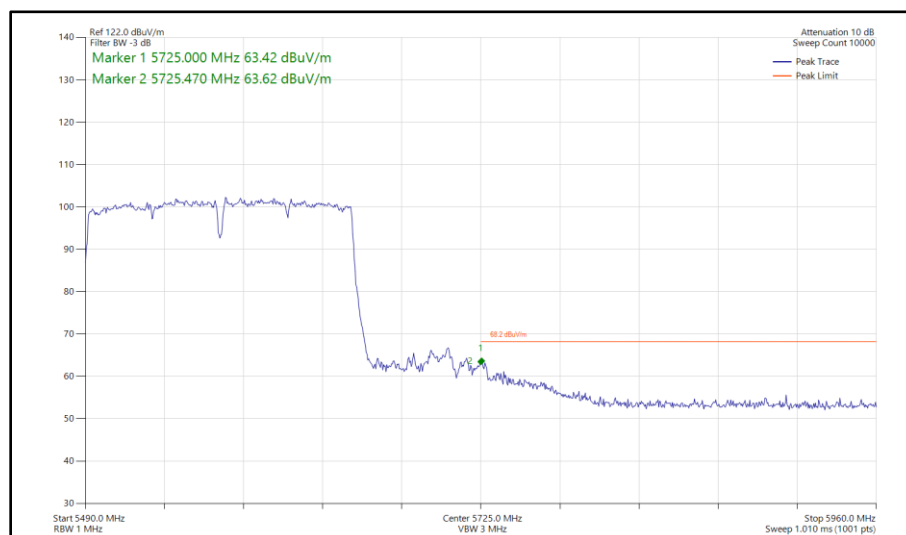
**Figure 600 - 802.11ac VHT160, CDD, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**



**Figure 601 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**



**Figure 602 - 802.11ax HE160, RU 106-53P, CDD, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**



**Figure 603 - 802.11ac VHT160, CDD, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz**

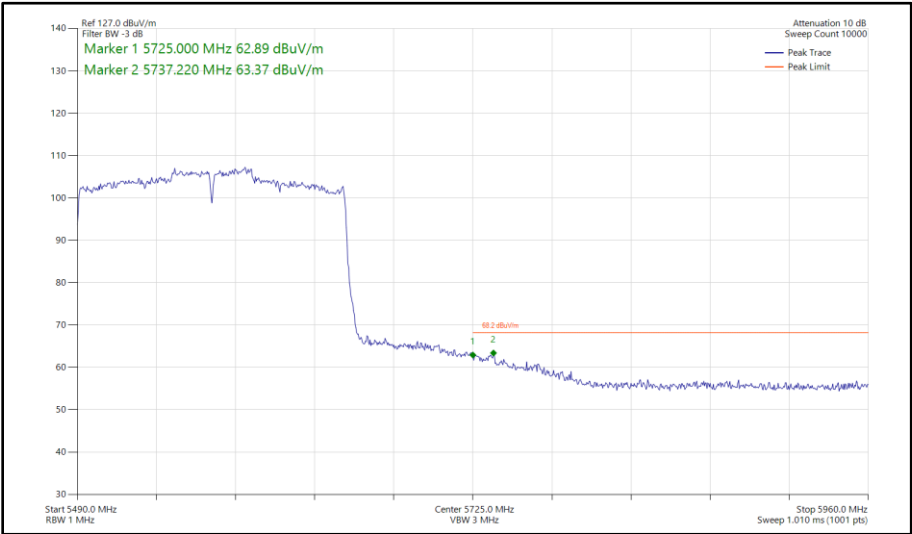


Figure 604 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz

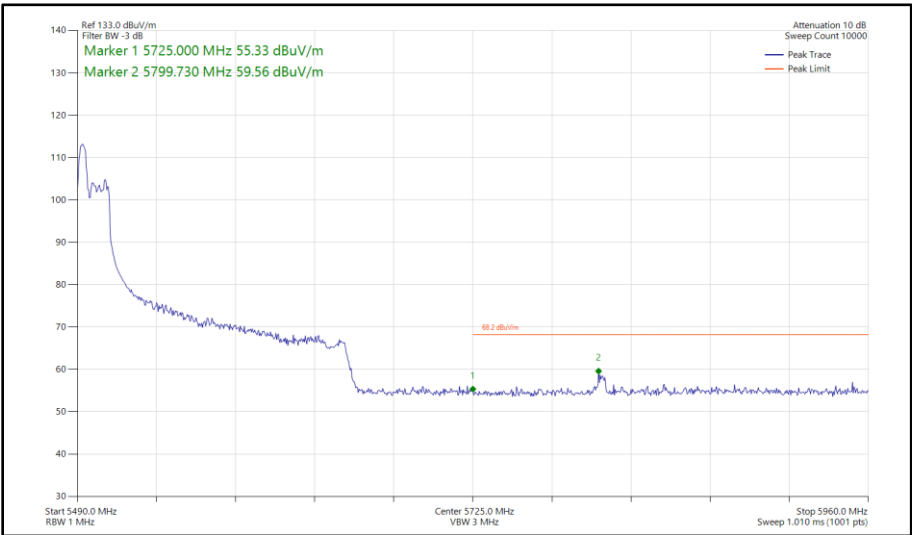
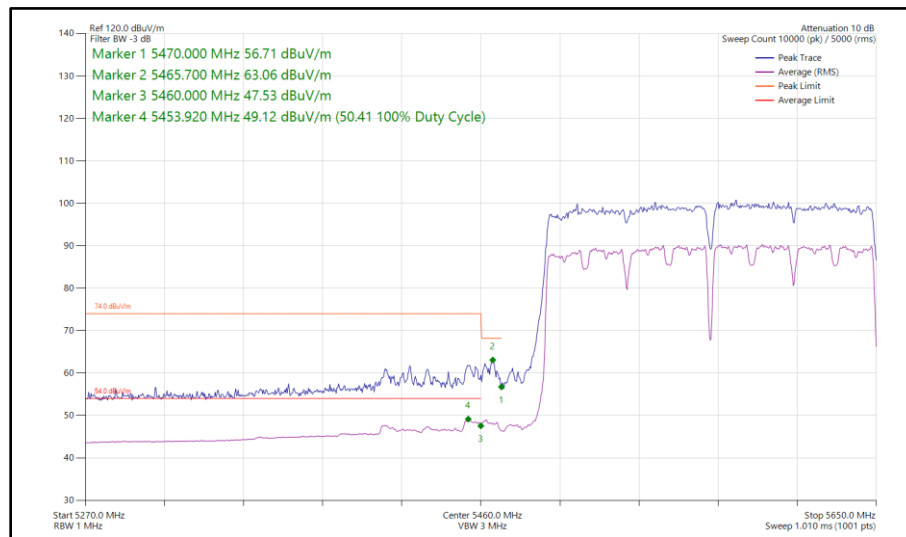


Figure 605 - 802.11ax HE160, RU 52-37P, CDD, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz

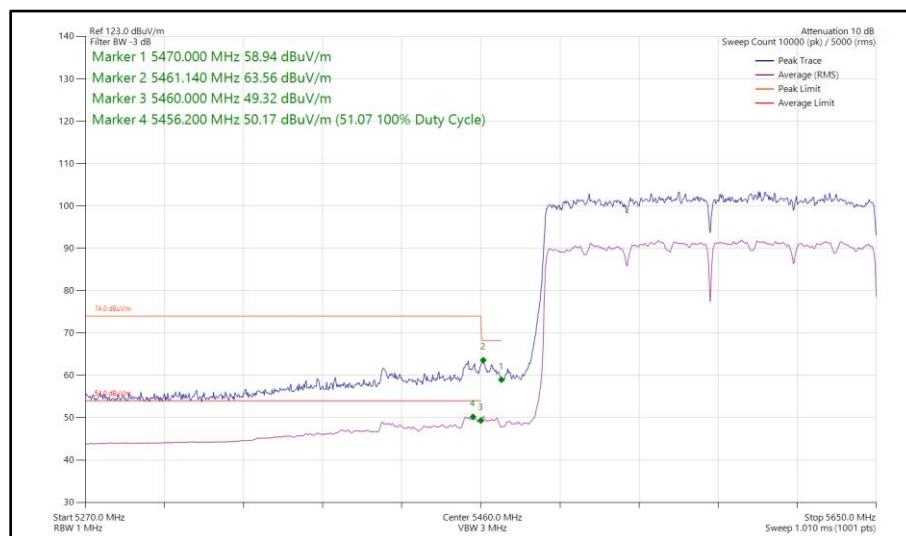
160 MHz Bandwidth - Core 0 - Core 1 (SDM)

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	63.06
802.11ax HE160	MCS 11x2	SU	-	5570	5470	63.56
802.11ax HE160	MCS 11x2	52	37P	5570	5470	57.24
802.11ac VHT160	MCS 2x2	-	-	5570	5725	63.69
802.11ax HE160	MCS 2x2	SU	-	5570	5725	63.45
802.11ax HE160	MCS 11x2	52	37P	5570	5725	61.93

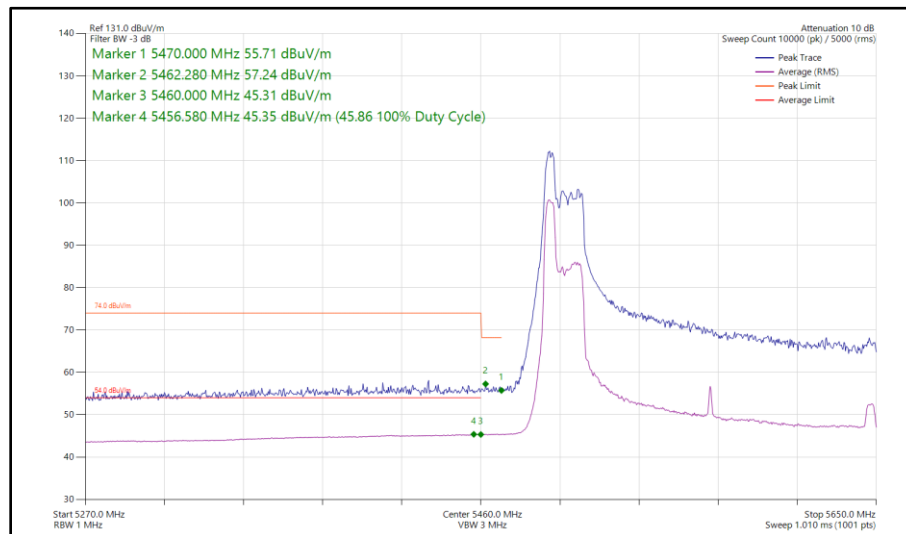
Table 716 - SDM Authorised Band Edge Results



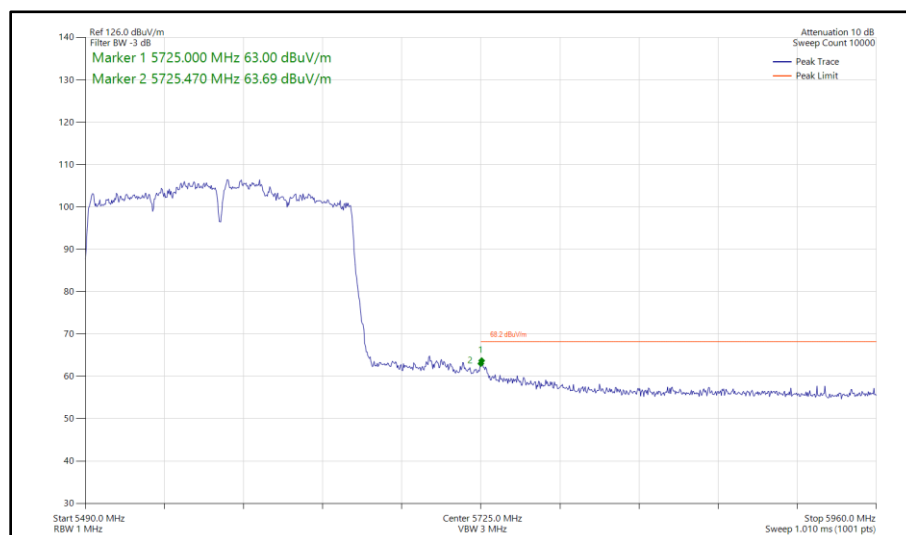
**Figure 606 - 802.11ac VHT160, SDM, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**



**Figure 607 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**



**Figure 608 - 802.11ax HE160, RU 52-37P, SDM, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**



**Figure 609 - 802.11ac VHT160, SDM, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz**

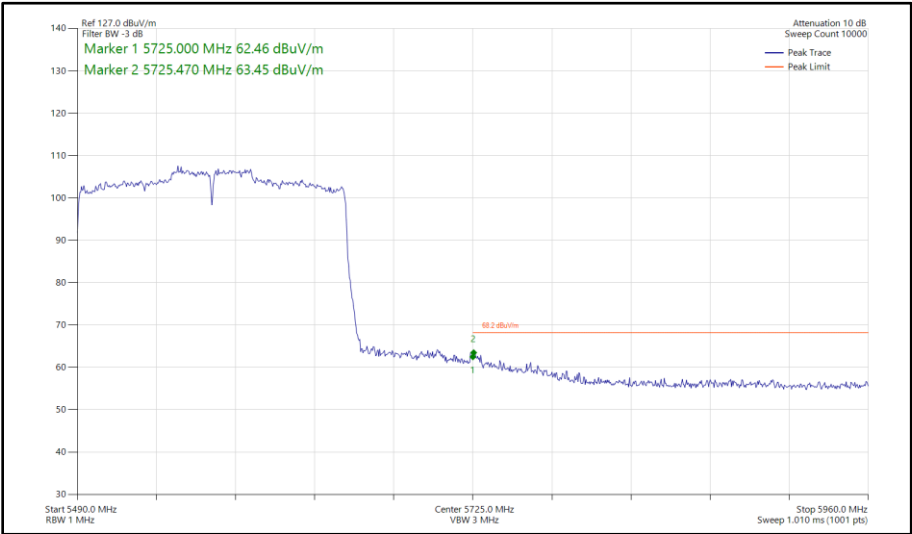


Figure 610 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz

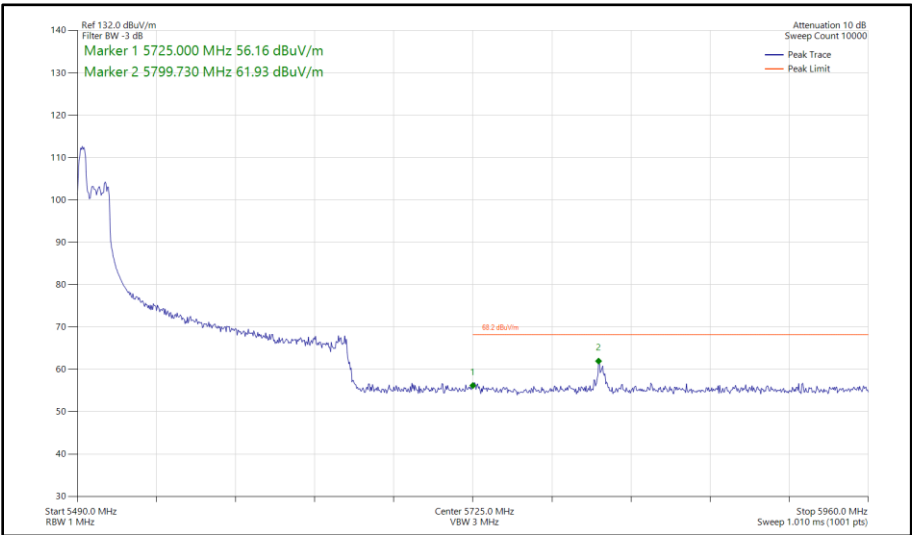


Figure 611 - 802.11ax HE160, RU 52-37P, SDM, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz



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 and 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
EMI Test Receiver	Rohde & Schwarz	ESW44	5912	12	05-Jul-2024
Test Receiver	Rohde & Schwarz	ESW44	5914	12	13-May-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
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
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6140	12	26-Aug-2024
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6141	12	26-Aug-2024
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6142	12	26-Aug-2024
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	6149	12	07-Jul-2024
Cable (SMA to SMA 3m)	Junkosha	MWX221-03000AMSAMS/A	6316	12	04-Feb-2025
Humidity and Temperature Meter	R.S Components	1364	6486	12	18-Apr-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



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
2m Cable	Junkosha	MWX241-02000KMSKMS/B	6742	12	01-Feb-2025
6.5m Cable	Junkosha	MWX221-06500AMSAMS/B	6744	12	01-Feb-2025
Preamplifier	Hewlett Packard	HP8449B	6763	12	28-Feb-2025

Table 717

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

A3247, S/N: KN47NTDQRY - Modification State 0

2.6.3 Date of Test

31-May-2024 to 30-June-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

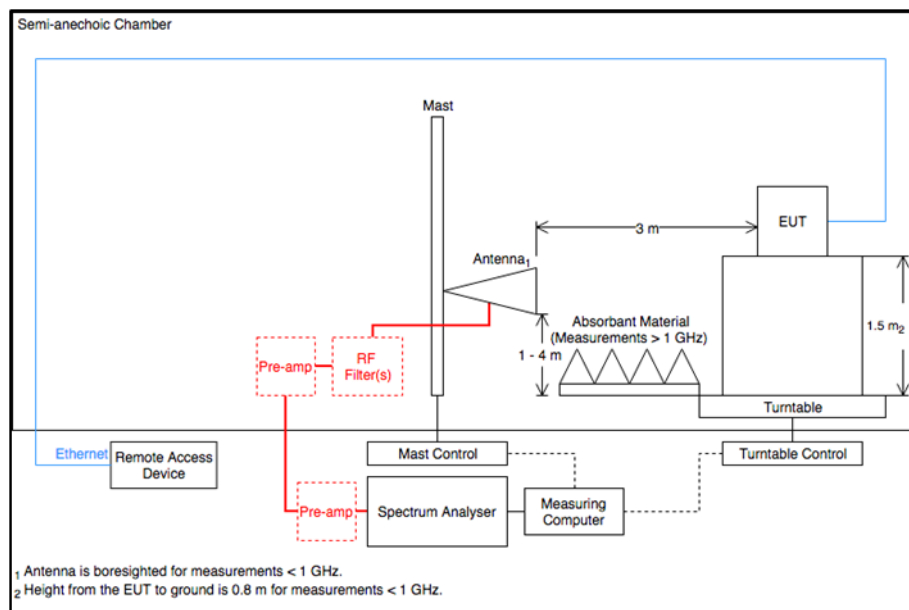


Figure 612 - Radiated Emissions Test Setup Diagram

2.6.6 Environmental Conditions

Ambient Temperature	20.4 - 23.4 °C
Relative Humidity	38.9 - 46.2 %

2.6.7 Test Results

5 GHz WLAN

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5105.450	38.06	54.00	-15.94	RMS	59	364	Horizontal
5109.686	41.02	54.00	-12.98	RMS	24	176	Vertical
5371.265	43.26	54.00	-10.74	RMS	16	169	Vertical
5389.018	39.35	54.00	-14.65	RMS	79	287	Horizontal
5411.460	54.89	74.00	-19.11	Peak	22	149	Vertical
5487.705	54.32	68.20	-13.88	Peak	22	168	Vertical
6975.996	54.48	68.20	-13.72	Peak	89	348	Vertical
6981.665	53.26	68.20	-14.94	Peak	268	268	Horizontal
7607.915	42.94	54.00	-11.06	RMS	9	358	Vertical
7615.584	55.10	74.00	-18.90	Peak	0	389	Vertical

Table 718 - 5180 MHz (CH36), 802.11a, Core 0, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

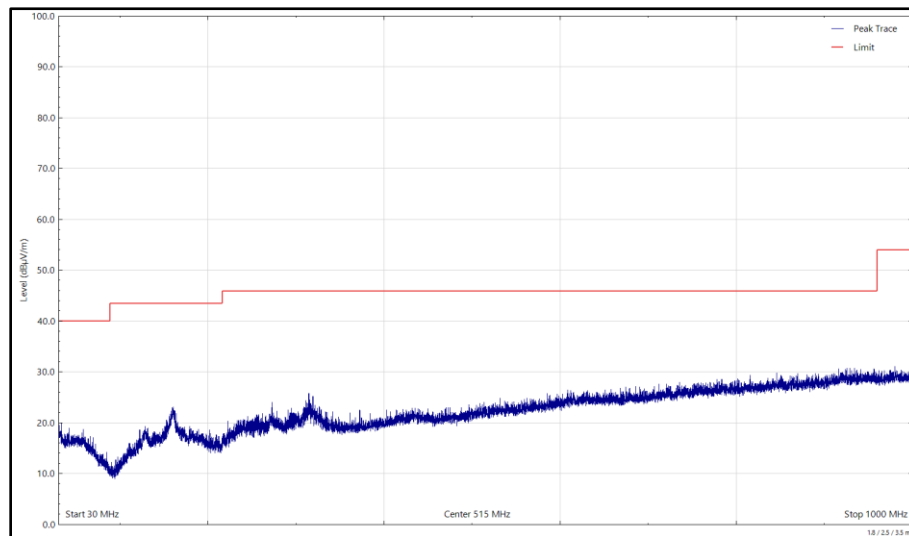


Figure 613 - 5180 MHz (CH36), 802.11a, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

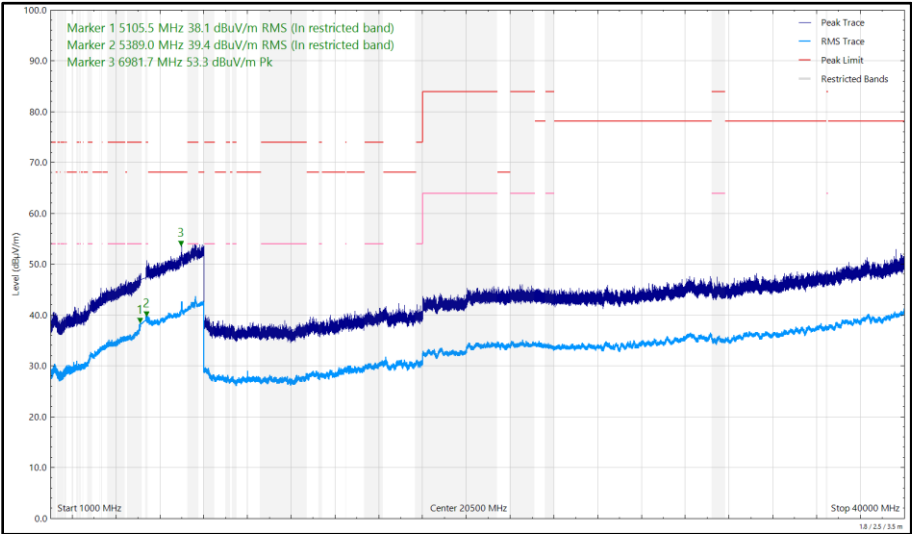


Figure 614 - 5180 MHz (CH36), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

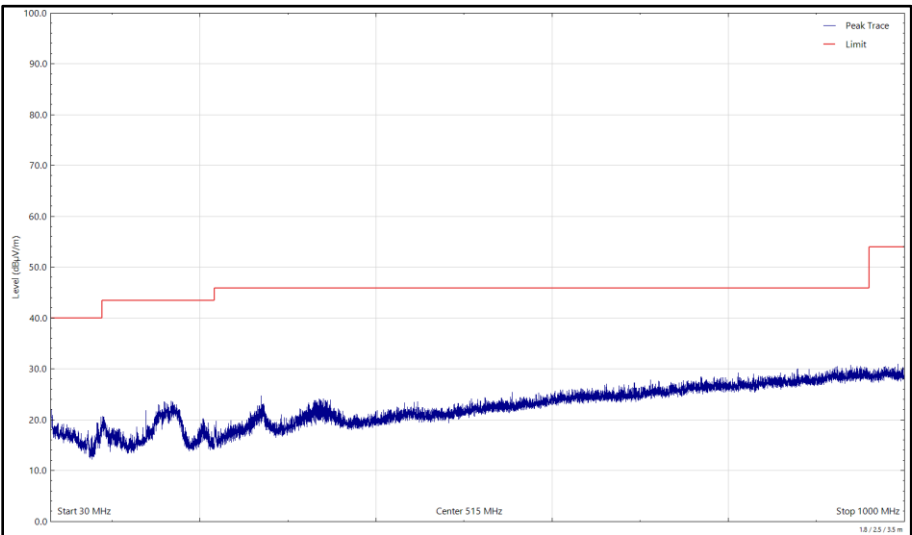


Figure 615 - 5180 MHz (CH36), 802.11a, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

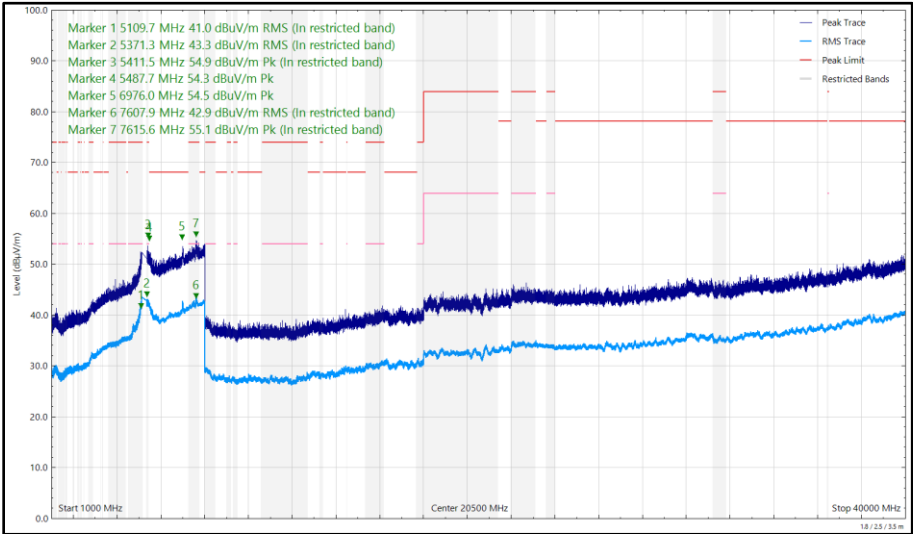


Figure 616 - 5180 MHz (CH36), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5130.578	41.63	54.00	-12.37	RMS	17	192	Vertical
5148.938	37.59	54.00	-16.41	RMS	80	395	Horizontal
5390.074	44.45	54.00	-9.55	RMS	26	156	Vertical
5390.339	41.43	54.00	-12.57	RMS	83	262	Horizontal
5393.443	56.39	74.00	-17.61	Peak	22	159	Vertical
5484.032	54.03	68.20	-14.17	Peak	328	176	Vertical
5485.378	51.32	68.20	-16.88	Peak	46	189	Horizontal
7594.457	54.81	74.00	-19.19	Peak	286	394	Vertical
7610.505	54.87	74.00	-19.13	Peak	69	145	Horizontal
7610.779	43.02	54.00	-10.98	RMS	197	136	Vertical
7610.924	43.07	54.00	-10.93	RMS	63	393	Horizontal

Table 719 - 5320 MHz (CH64), 802.11a, Core 0, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

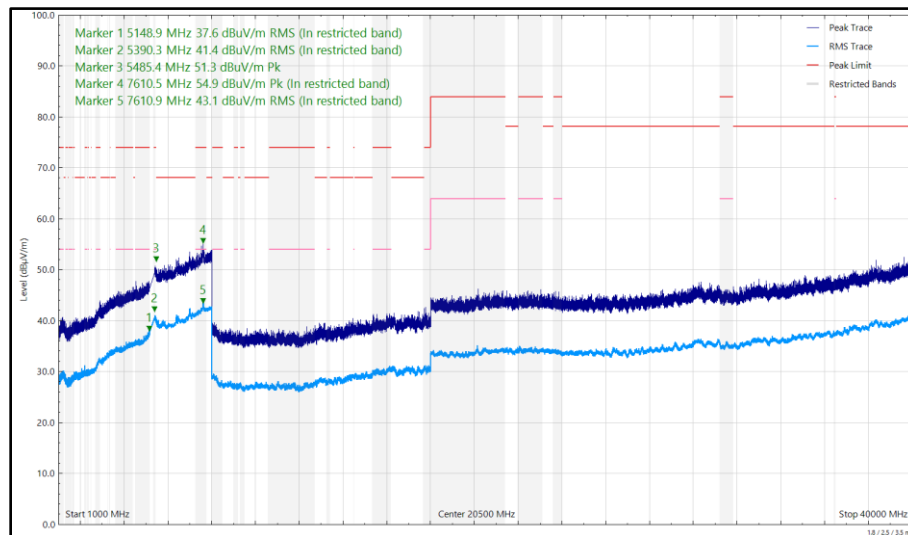


Figure 617 - 5320 MHz (CH64), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

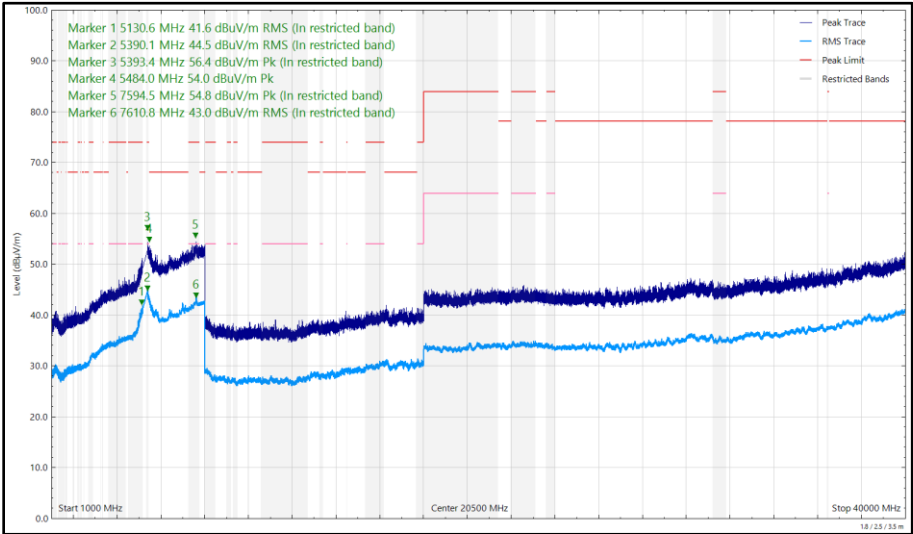


Figure 618 - 5320 MHz (CH64), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5334.156	51.61	68.20	-16.59	Peak	2	102	Vertical
5406.483	39.64	54.00	-14.36	RMS	81	276	Horizontal
5409.861	42.61	54.00	-11.39	RMS	19	100	Vertical
7934.504	53.64	68.20	-14.56	Peak	43	228	Vertical

Table 720 - 5500 MHz (CH100), 802.11a, Core 0, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

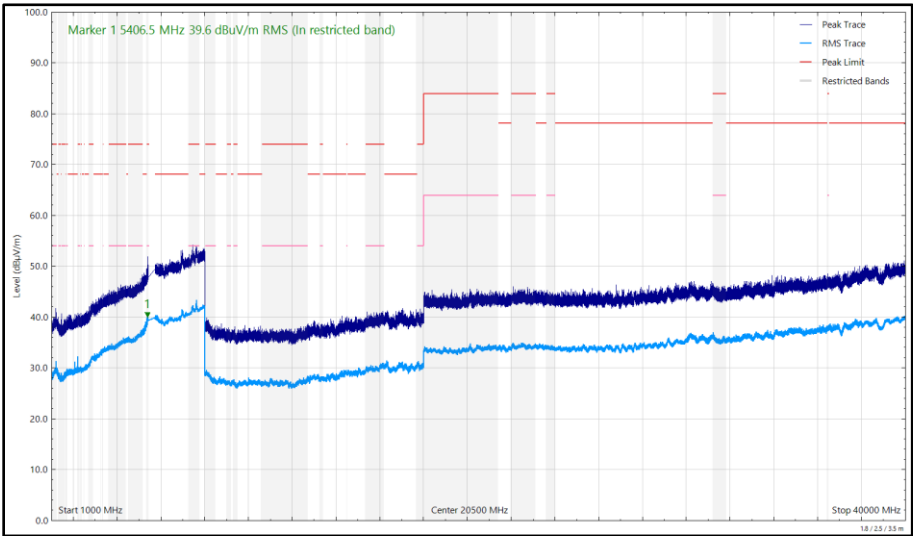


Figure 619 - 5500 MHz (CH100), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

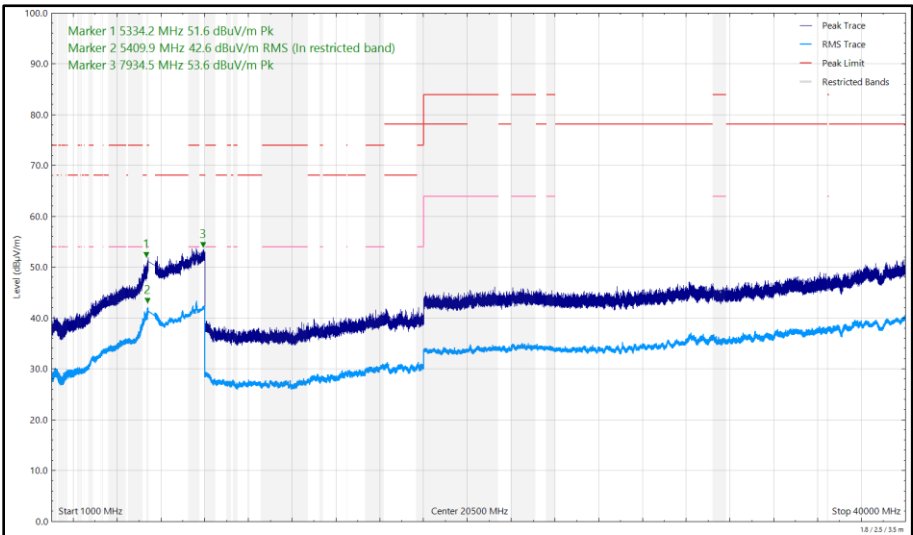


Figure 620 - 5500 MHz (CH100), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5278.940	48.83	68.20	-19.37	Peak	64	213	Horizontal
5455.739	38.74	54.00	-15.26	RMS	81	293	Horizontal
5459.772	42.44	54.00	-11.56	RMS	20	158	Vertical
5463.800	53.23	68.20	-14.97	Peak	20	210	Vertical
5760.293	55.58	68.20	-12.62	Peak	24	198	Vertical
5775.132	53.92	68.20	-14.28	Peak	12	355	Horizontal

Table 721 - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

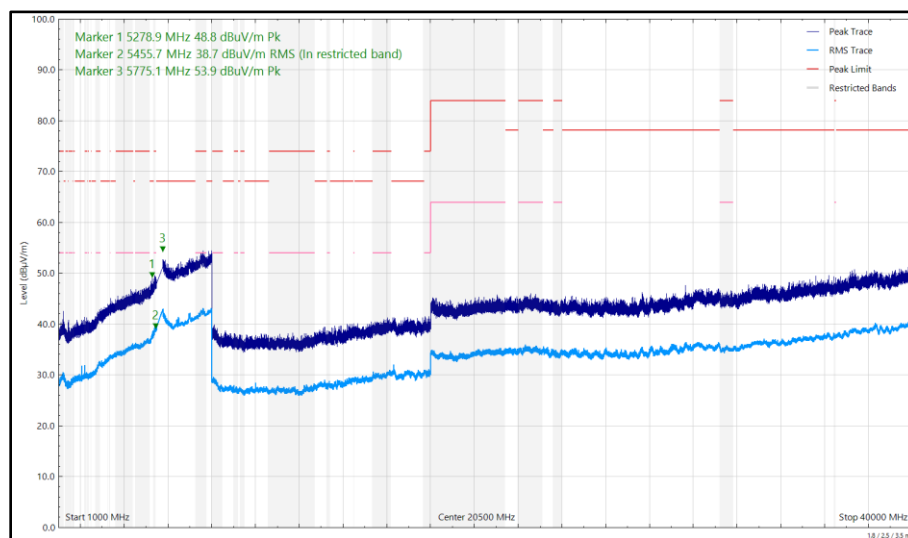


Figure 621 - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

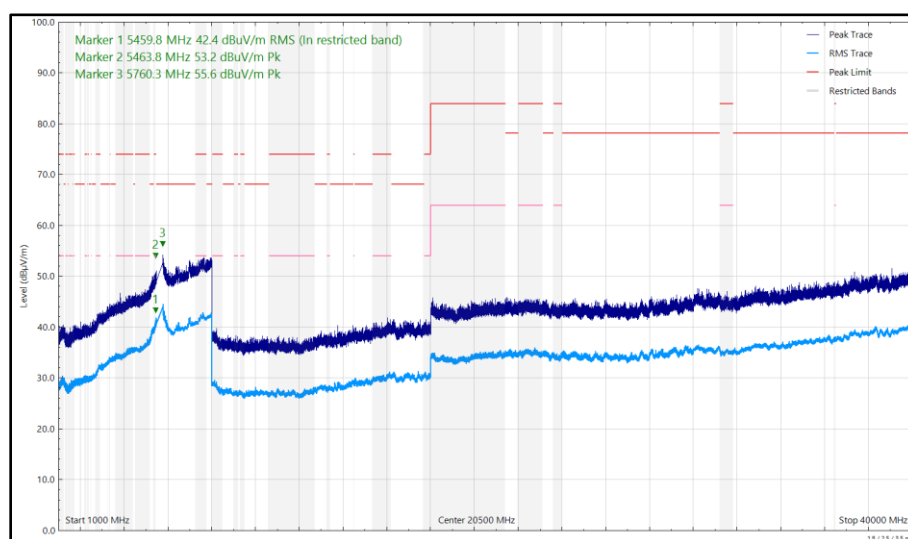


Figure 622 - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5445.558	40.82	54.00	-13.18	RMS	25	110	Vertical
5455.844	36.97	54.00	-17.03	RMS	187	333	Horizontal
5592.085	51.33	68.20	-16.87	Peak	358	351	Horizontal
5602.469	54.01	68.20	-14.19	Peak	19	158	Vertical
5850.901	54.00	68.20	-14.20	Peak	0	117	Vertical
5858.139	53.40	68.20	-14.80	Peak	353	347	Horizontal
7606.040	42.07	54.00	-11.93	RMS	287	388	Horizontal
7606.914	42.09	54.00	-11.91	RMS	168	100	Vertical

Table 722 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

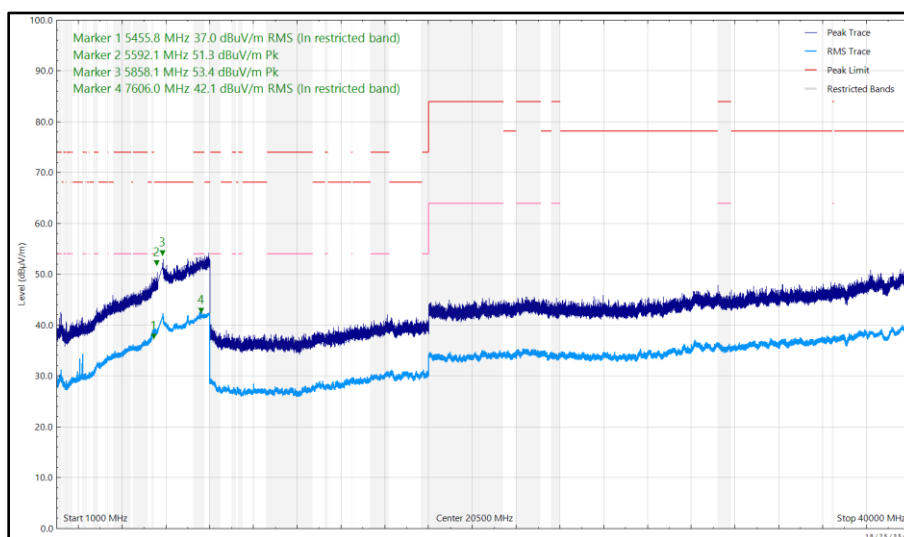


Figure 623 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

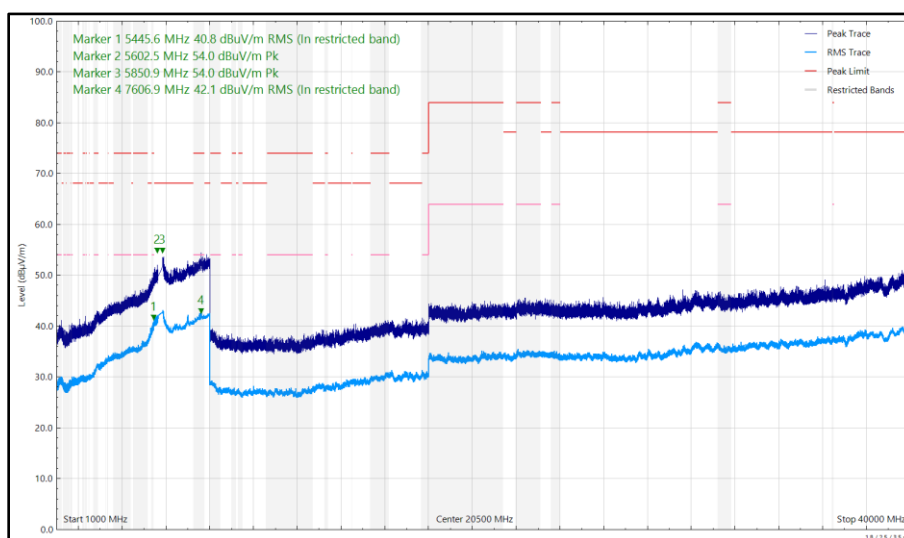


Figure 624 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5402.782	36.85	54.00	-17.15	RMS	56	373	Horizontal
5458.451	39.39	54.00	-14.61	RMS	11	114	Vertical
5706.944	52.37	68.20	-15.83	Peak	2	137	Vertical
5709.053	52.93	68.20	-15.27	Peak	78	204	Horizontal
5955.727	52.68	68.20	-15.52	Peak	360	158	Vertical
5958.012	52.45	68.20	-15.75	Peak	7	356	Horizontal

Table 723 - 5825 MHz (CH165), 802.11a, Core 0, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

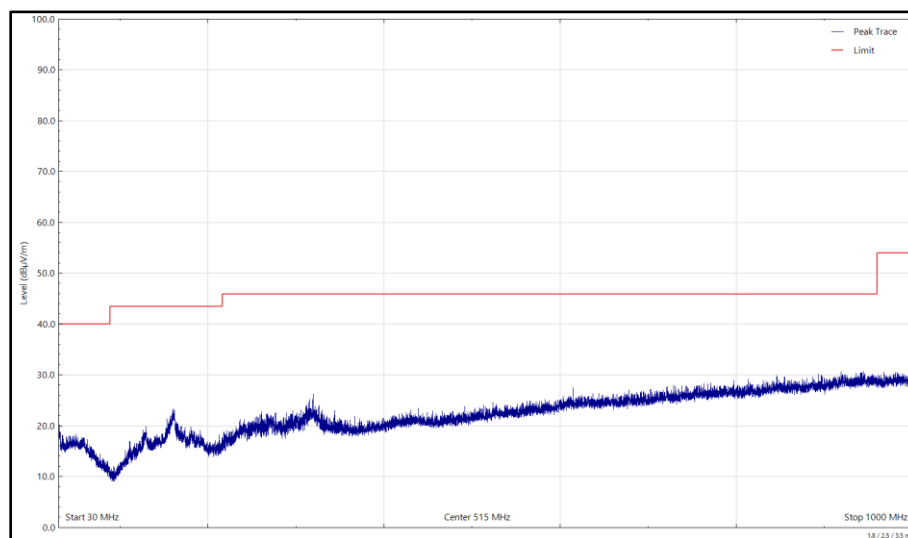


Figure 625 - 5825 MHz (CH165), 802.11a, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

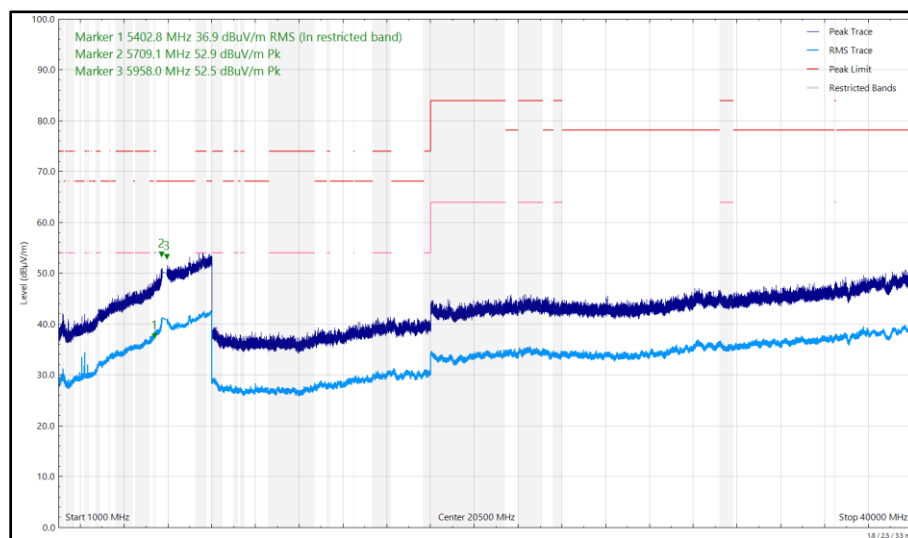


Figure 626 - 5825 MHz (CH165), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

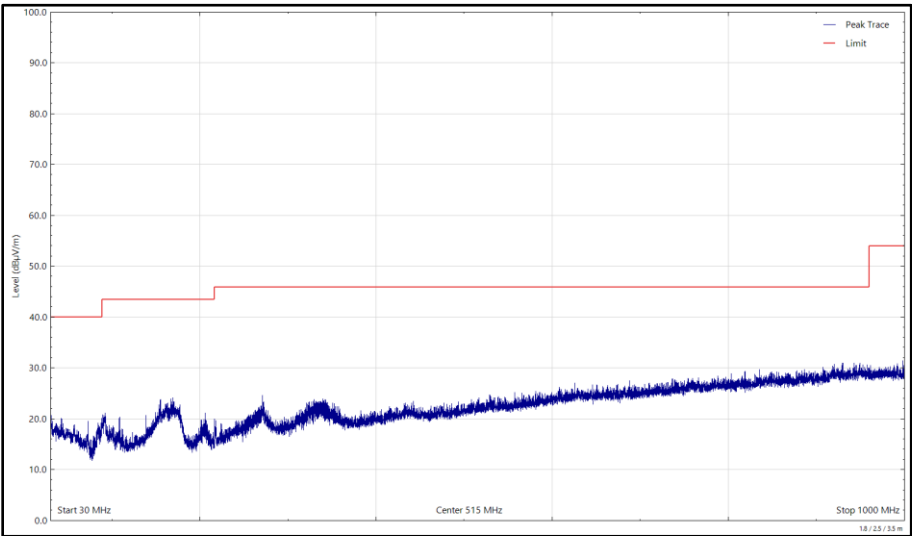


Figure 627 - 5825 MHz (CH165), 802.11a, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

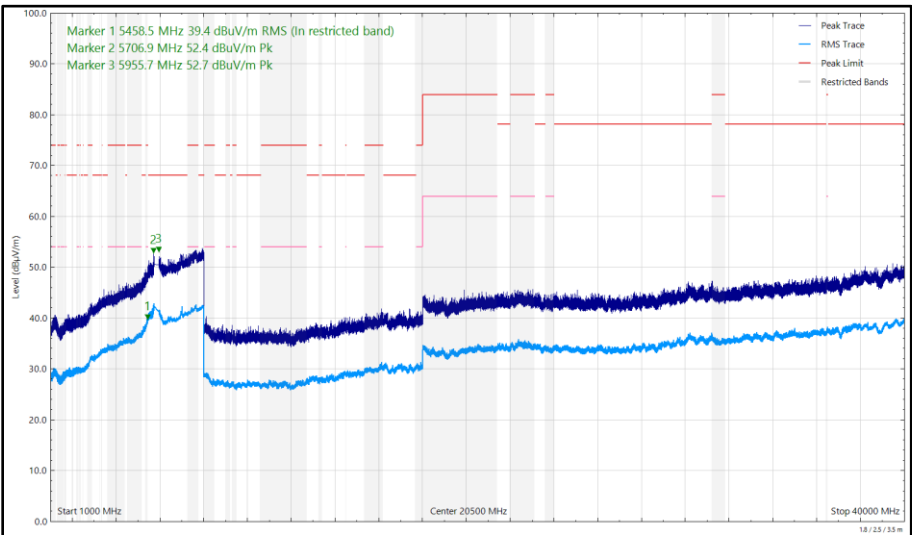


Figure 628 - 5825 MHz (CH165), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5105.275	56.71	74.00	-17.29	Peak	185	136	Horizontal
5109.846	44.89	54.00	-9.11	RMS	188	198	Horizontal
5368.153	44.37	54.00	-9.63	RMS	191	181	Horizontal
5419.070	55.73	74.00	-18.27	Peak	189	108	Horizontal
5454.587	40.98	54.00	-13.02	RMS	190	130	Vertical
5499.871	55.33	68.20	-12.87	Peak	194	205	Horizontal
5505.593	53.24	68.20	-14.96	Peak	194	142	Vertical
6980.334	53.92	68.20	-14.28	Peak	260	374	Vertical
7609.760	42.94	54.00	-11.06	RMS	86	153	Vertical
7612.111	55.11	74.00	-18.89	Peak	11	165	Vertical

Table 724 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

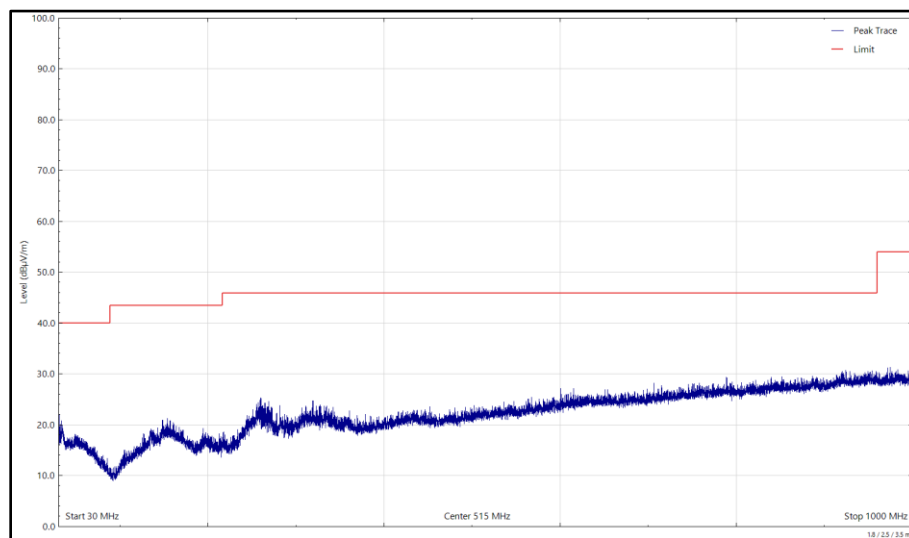


Figure 629 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

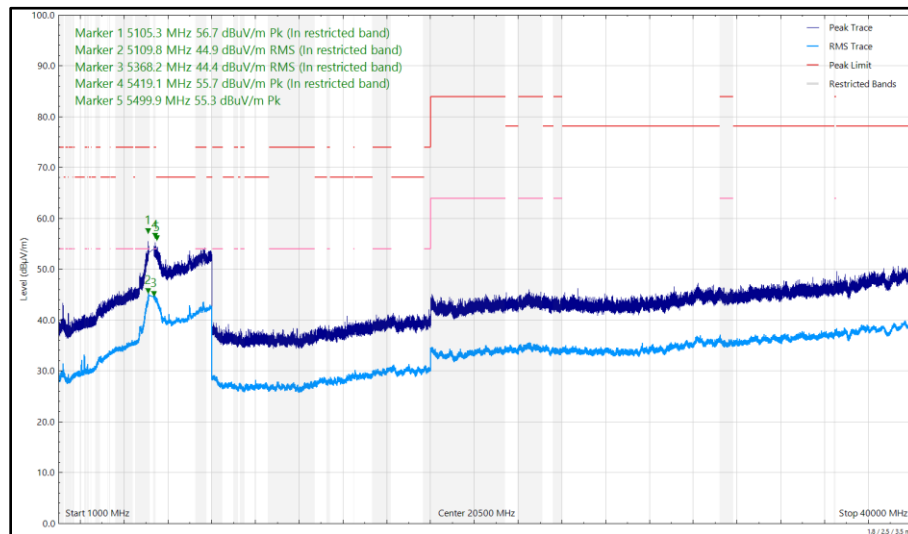


Figure 630 - 5180 MHz (CH36), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

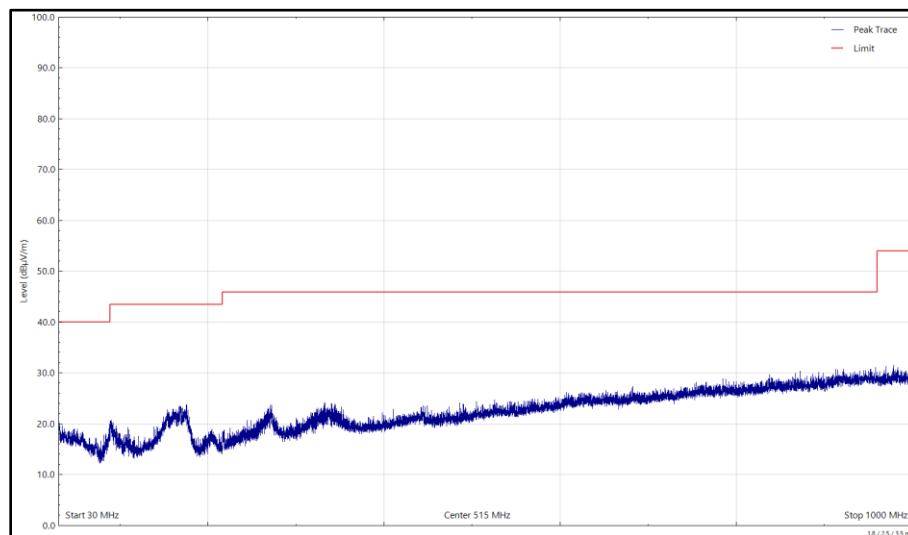


Figure 631 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

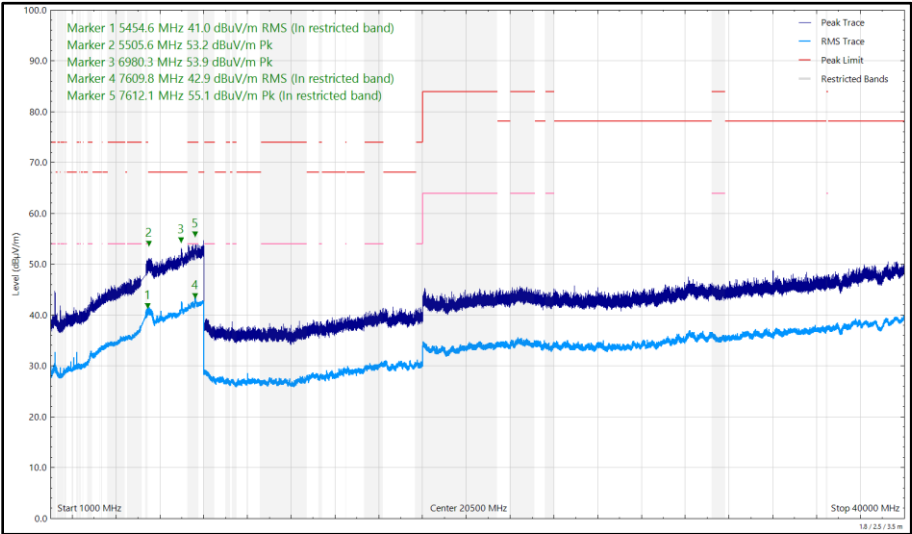


Figure 632 - 5180 MHz (CH36), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5137.578	42.88	54.00	-11.12	RMS	179	191	Horizontal
5148.843	35.93	54.00	-18.07	RMS	0	400	Vertical
5392.983	58.10	74.00	-15.90	Peak	199	216	Horizontal
5397.787	46.06	54.00	-7.94	RMS	180	179	Horizontal
5417.882	41.79	54.00	-12.21	RMS	198	156	Vertical
5486.037	54.23	68.20	-13.97	Peak	192	129	Vertical
5486.627	56.99	68.20	-11.21	Peak	196	199	Horizontal
7609.455	43.10	54.00	-10.90	RMS	40	400	Vertical
7610.044	54.49	74.00	-19.51	Peak	62	131	Vertical

Table 725 - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

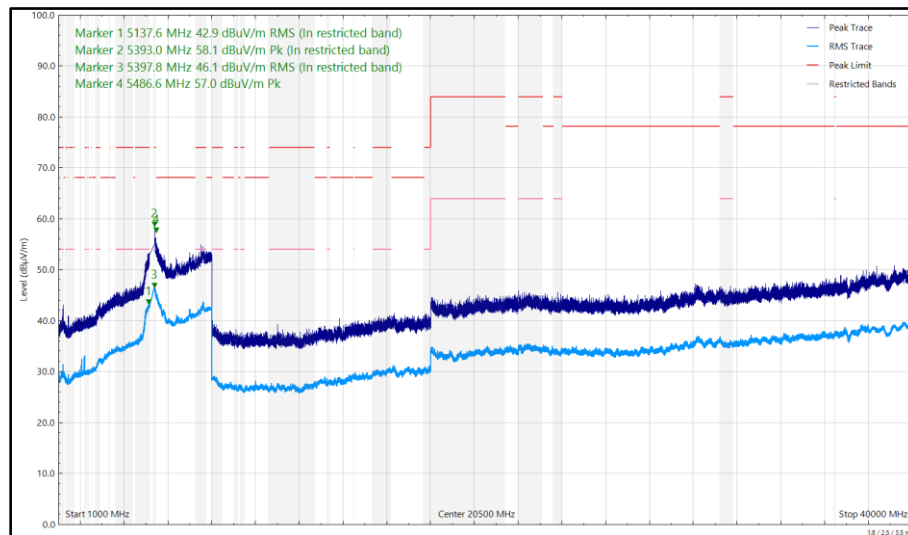


Figure 633 - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

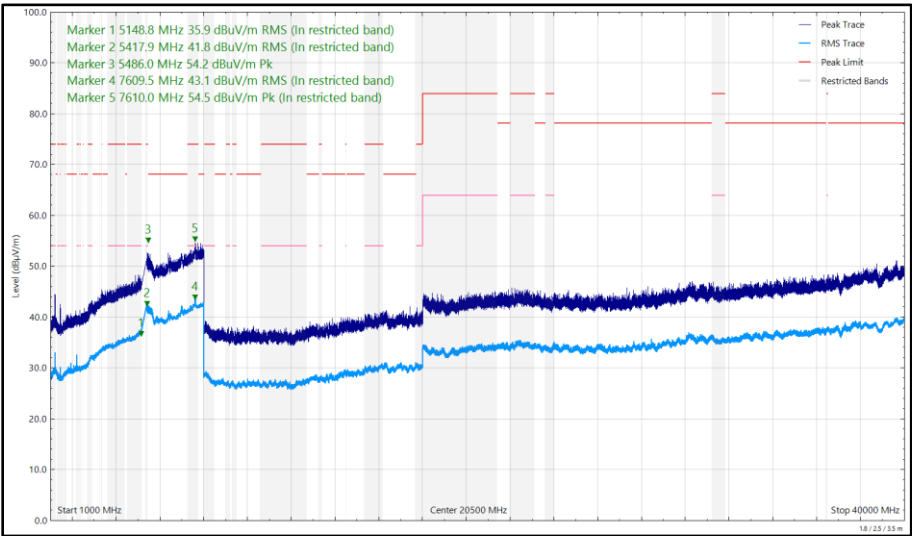


Figure 634 - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5285.305	55.55	68.20	-12.65	Peak	175	249	Horizontal
5349.492	51.12	68.20	-17.08	Peak	172	119	Vertical
5401.402	41.31	54.00	-12.69	RMS	182	105	Vertical
5404.840	57.65	74.00	-16.35	Peak	193	144	Horizontal
5409.479	44.76	54.00	-9.24	RMS	193	162	Horizontal
5845.672	54.57	68.20	-13.63	Peak	213	157	Horizontal
5853.388	52.66	68.20	-15.54	Peak	200	139	Vertical
7611.945	42.72	54.00	-11.28	RMS	166	227	Vertical
7613.749	54.75	74.00	-19.25	Peak	296	118	Vertical

Table 726 - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

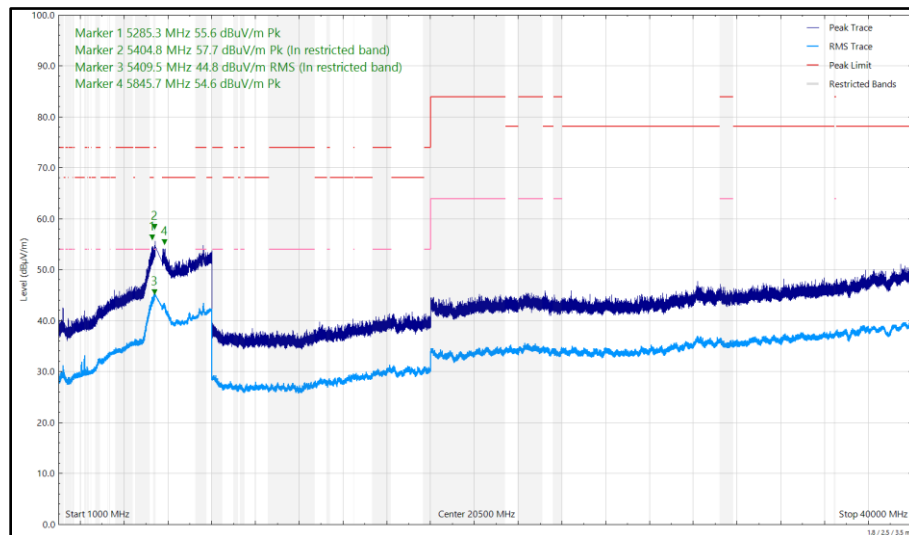


Figure 635 - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

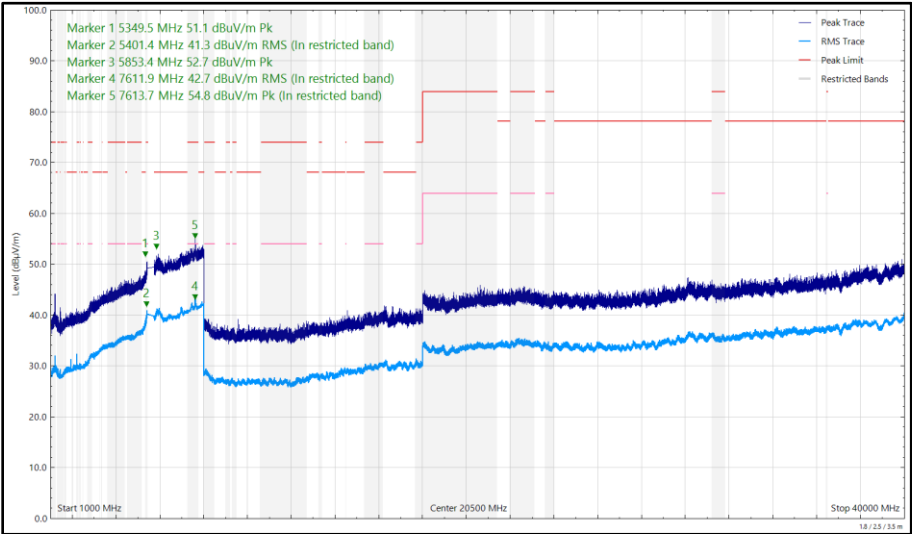


Figure 636 - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5447.063	40.00	54.00	-14.00	RMS	188	107	Vertical
5459.907	42.51	54.00	-11.49	RMS	212	121	Horizontal
5464.050	55.23	68.20	-12.97	Peak	193	239	Horizontal
5465.506	52.53	68.20	-15.67	Peak	172	110	Vertical
5764.685	57.46	68.20	-10.74	Peak	187	151	Horizontal
5861.151	53.92	68.20	-14.28	Peak	199	150	Vertical
7594.751	42.23	54.00	-11.77	RMS	333	212	Vertical
7595.542	53.98	74.00	-20.02	Peak	351	235	Vertical

Table 727 - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

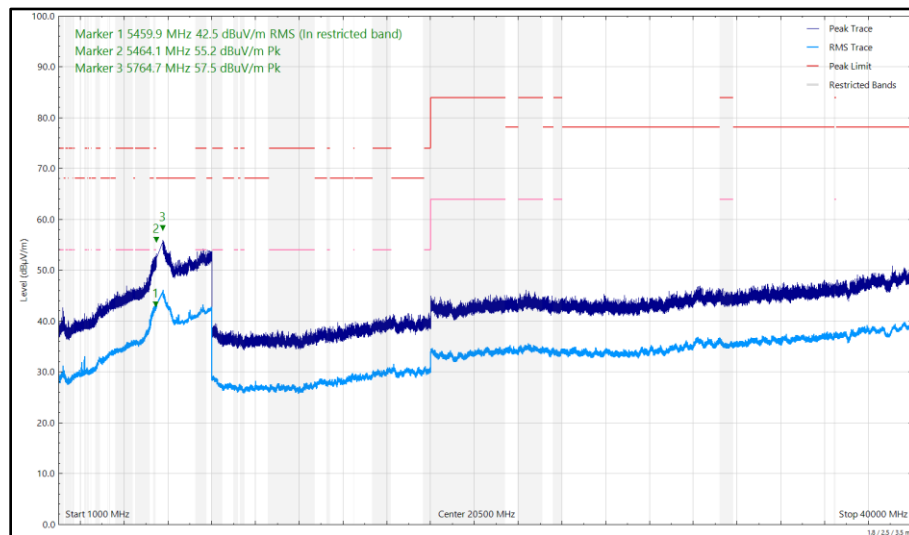


Figure 637 - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

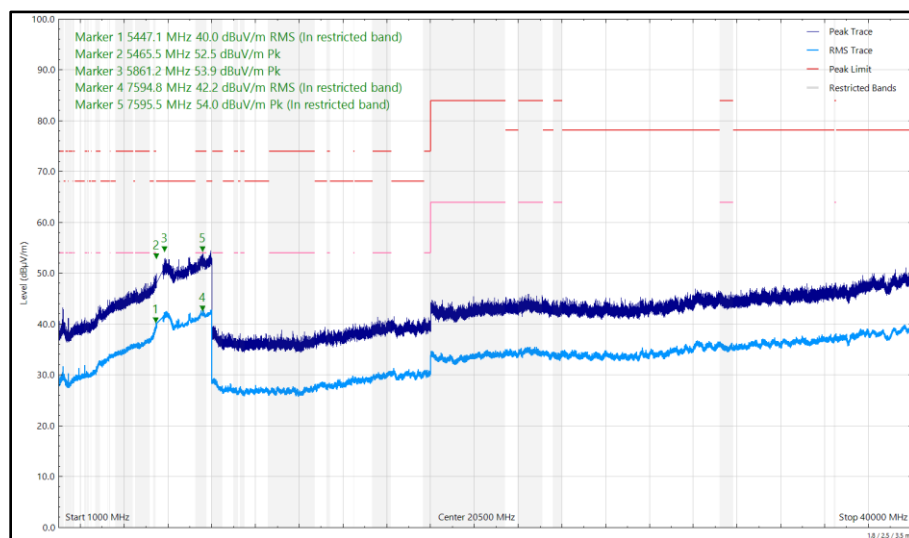


Figure 638 - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical