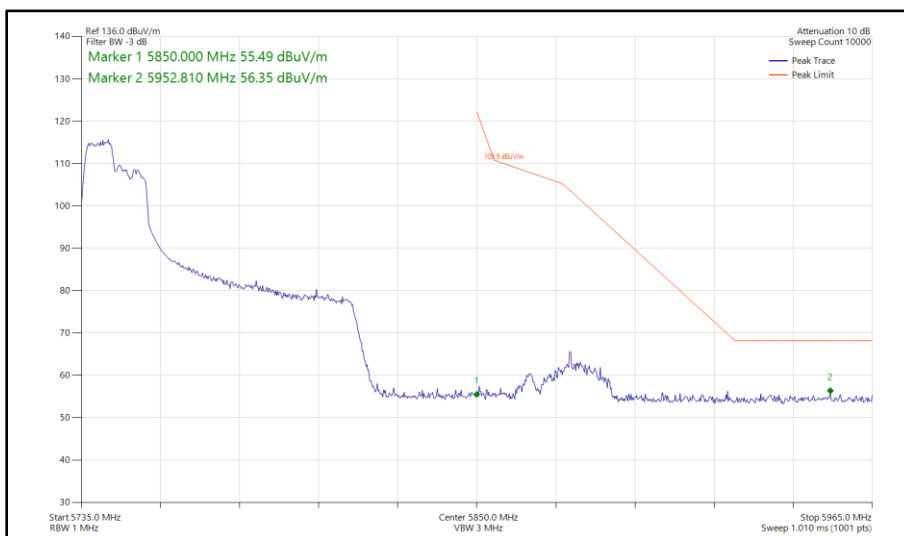


**Figure 585 - 802.11ax HE80, SU, SISO, Core 1 - 5775 MHz
Band Edge Frequency 5850 MHz**



**Figure 586 - 802.11ax HE80, RU 106-53, SISO, Core 1 - 5775 MHz
Band Edge Frequency 5850 MHz**



80 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 VHT80	MCS 4x1	-	-	5530	5470	63.44
802.11ax HE80	MCS 4x1	SU	-	5530	5470	63.66
802.11ax HE80	MCS 11x1	106	53	5530	5470	60.31
802.11ac VHT80	MCS 2x1	-	-	5775	5725	63.97
802.11ax HE80	MCS 2x1	SU	-	5775	5725	63.49
802.11ax HE80	MCS 11x1	106	53	5775	5725	56.58
802.11ac VHT80	MCS 2x1	-	-	5610	5725	63.59
802.11ax HE80	MCS 4x1	SU	-	5610	5725	63.47
802.11ax HE80	MCS 11x1	52	37	5610	5725	57.11
802.11ac VHT80	MCS 8x1	-	-	5690	5850	63.17
802.11ac VHT80	MCS 8x1	-	-	5775	5850	63.53
802.11ax HE80	MCS 4x1	SU	-	5690	5850	63.62
802.11ax HE80	MCS 11x1	106	60	5690	5850	56.48
802.11ax HE80	MCS 11x1	SU	-	5775	5850	63.59
802.11ax HE80	MCS 11x1	106	60	5775	5850	56.94

Table 714 - CDD Authorised Band Edge Results

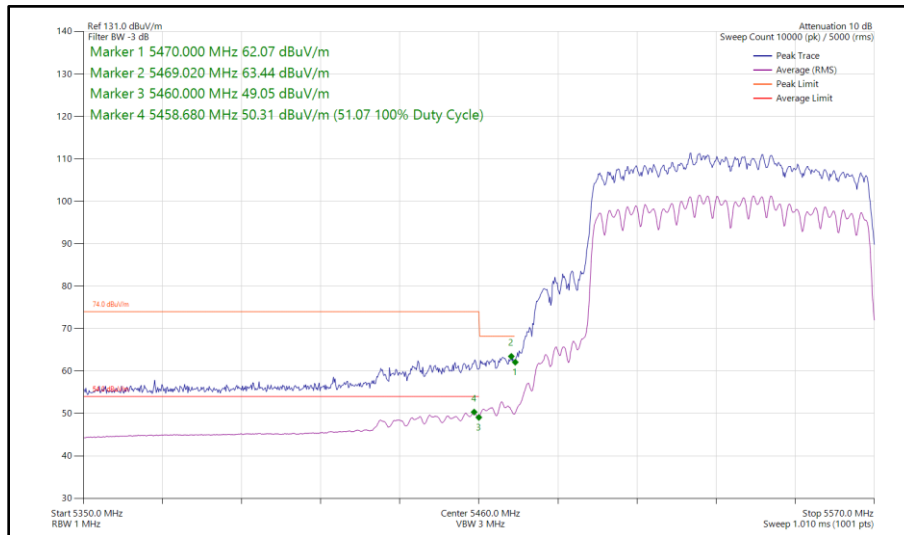
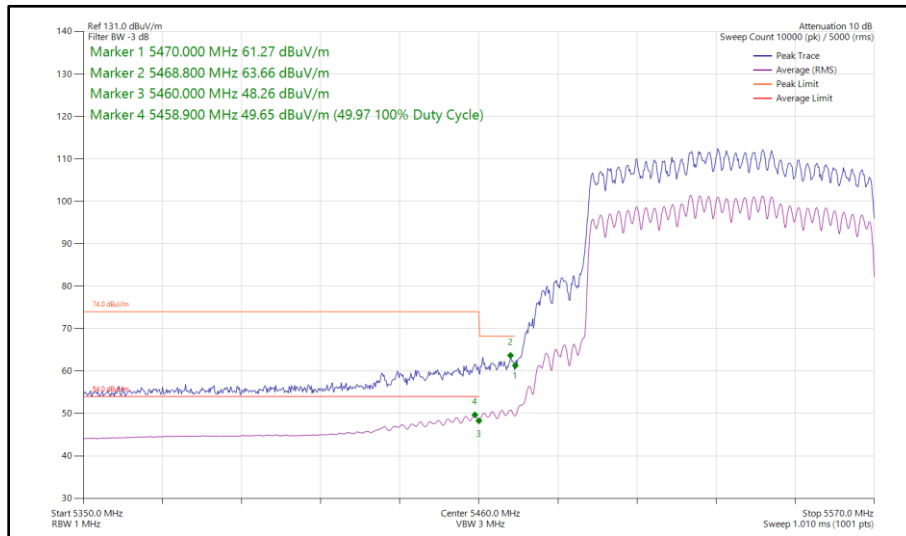
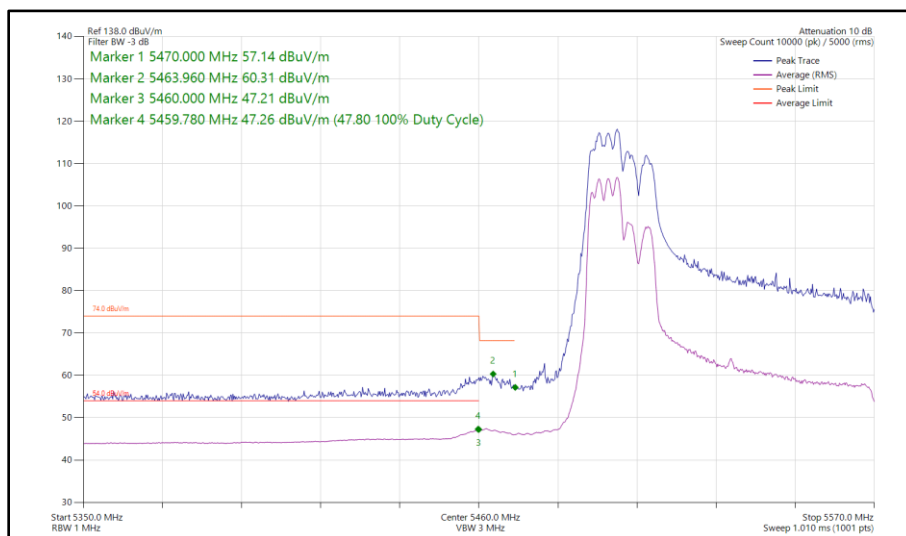


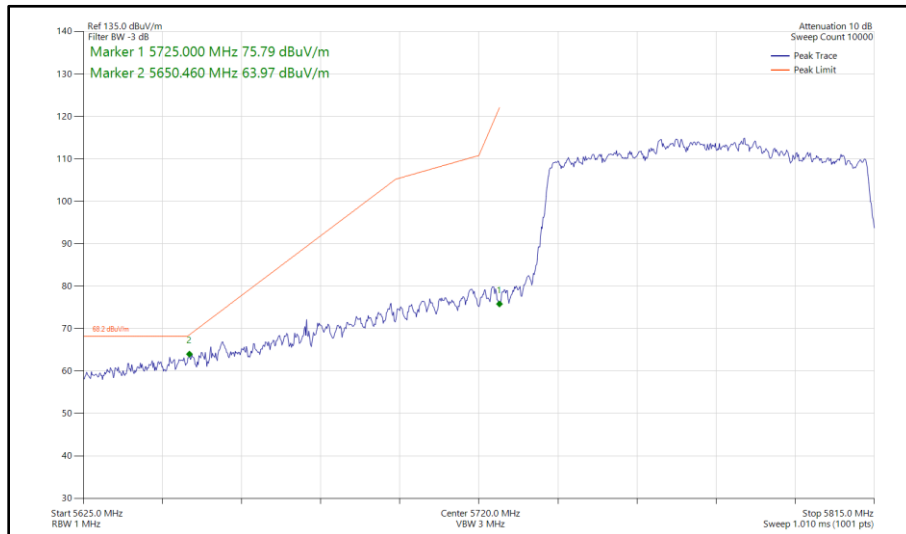
Figure 587 - 802.11ac VHT80, CDD, Core 0 - Core 1 - 5530 MHz
 Band Edge Frequency 5470 MHz



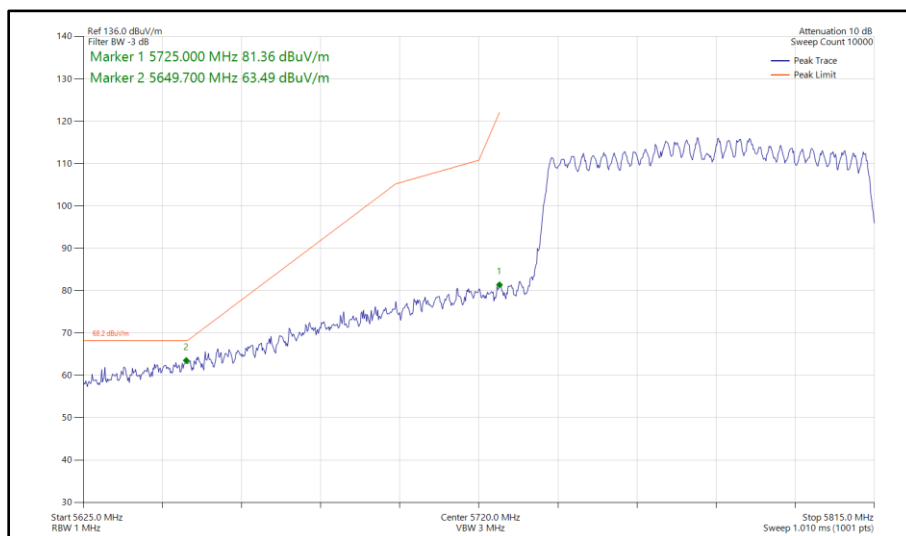
**Figure 588 - 802.11ax HE80, SU, CDD, Core 0 - Core 1 - 5530 MHz
Band Edge Frequency 5470 MHz**



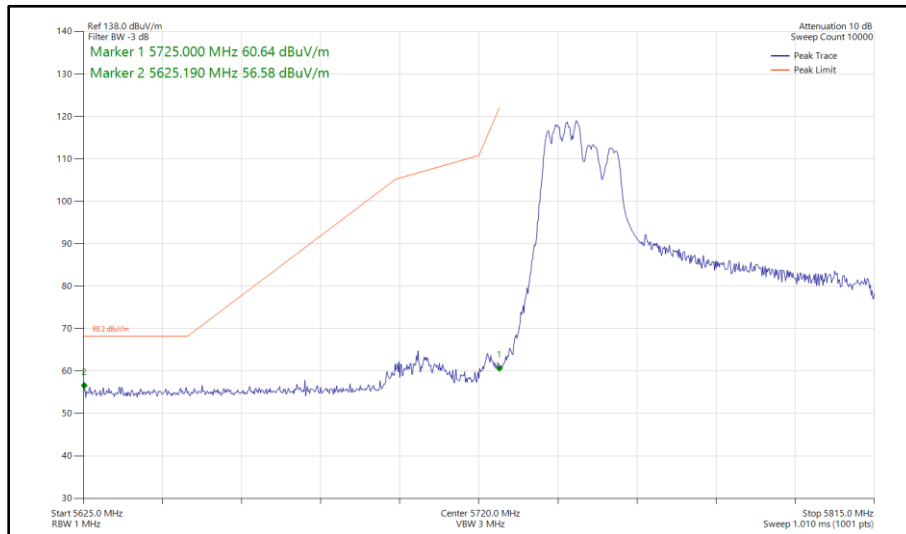
**Figure 589 - 802.11ax HE80, RU 106-53, CDD, Core 0 - Core 1 - 5530 MHz
Band Edge Frequency 5470 MHz**



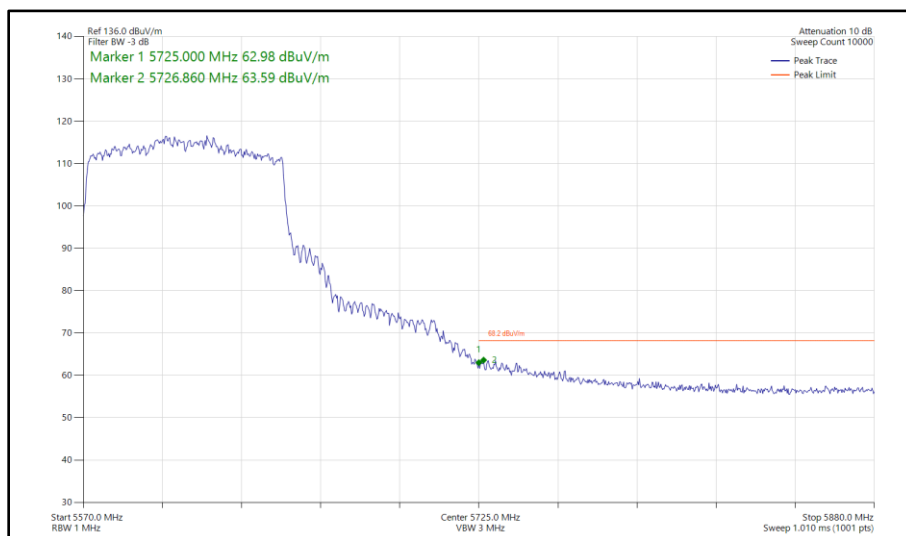
**Figure 590 - 802.11ac VHT80, CDD, Core 0 - Core 1 - 5775 MHz
Band Edge Frequency 5725 MHz**



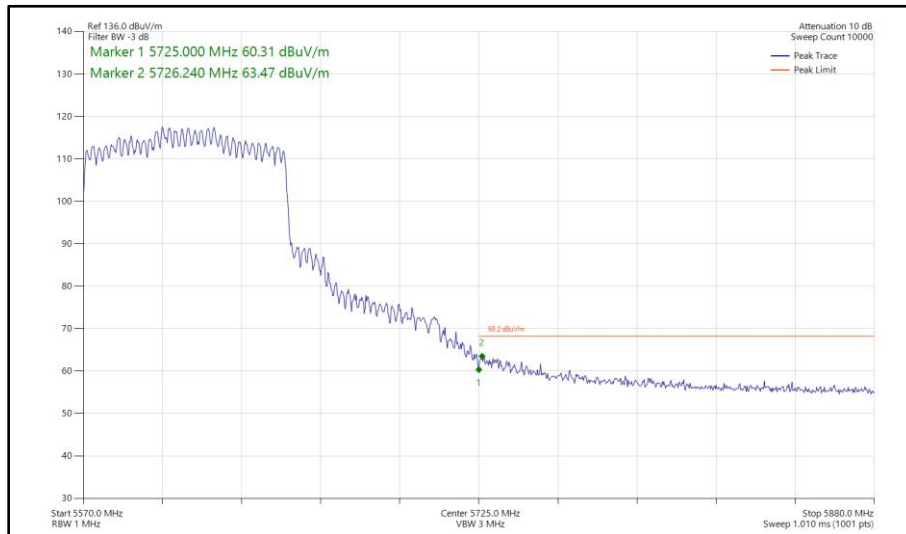
**Figure 591 - 802.11ax HE80, SU, CDD, Core 0 - Core 1 - 5775 MHz
Band Edge Frequency 5725 MHz**



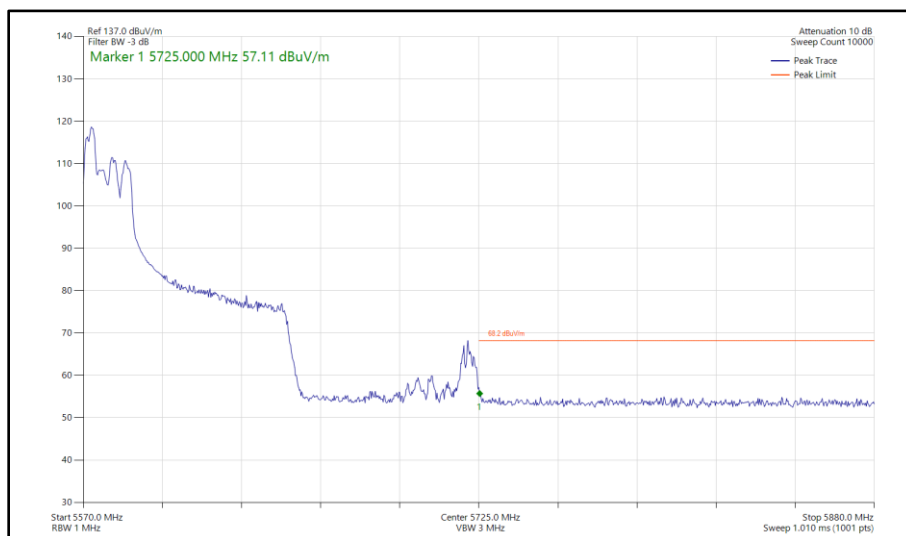
**Figure 592 - 802.11ax HE80, RU 106-53, CDD, Core 0 - Core 1 - 5775 MHz
Band Edge Frequency 5725 MHz**



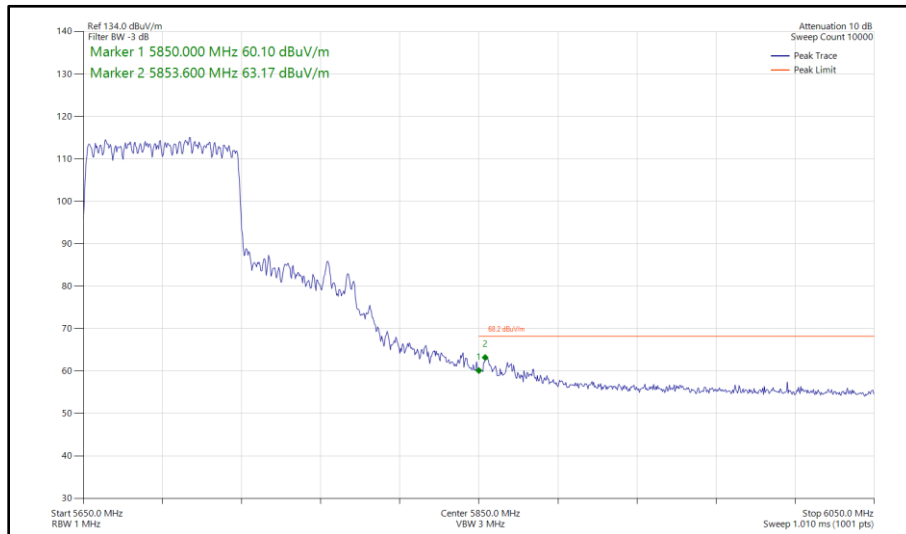
**Figure 593 - 802.11ac VHT80, CDD, Core 0 - Core 1 - 5610 MHz
Band Edge Frequency 5725 MHz**



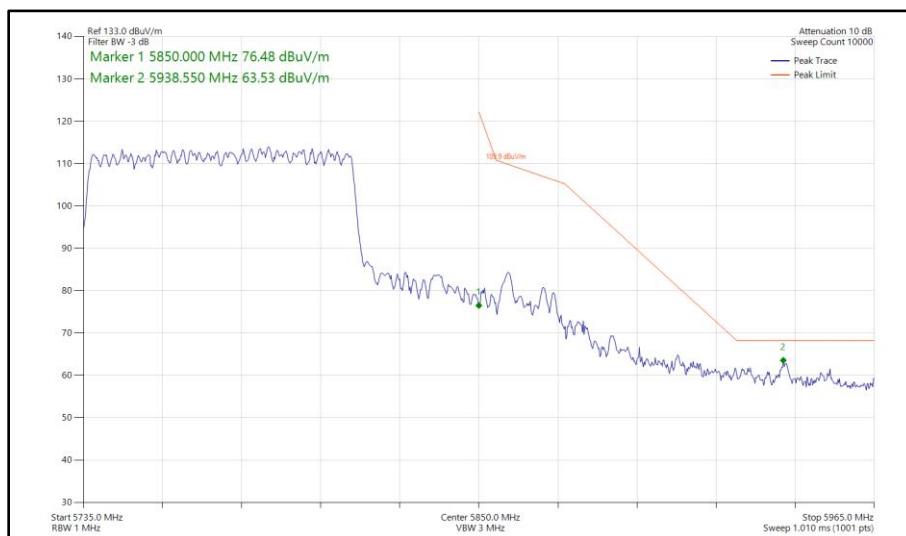
**Figure 594 - 802.11ax HE80, SU, CDD, Core 0 - Core 1 - 5610 MHz
Band Edge Frequency 5725 MHz**



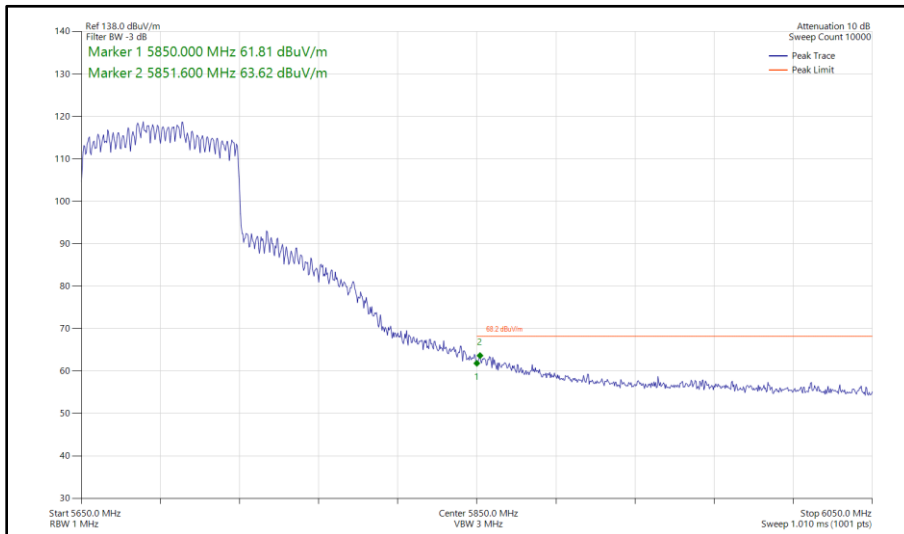
**Figure 595 - 802.11ax HE80, RU 52-37, CDD, Core 0 - Core 1 - 5610 MHz
Band Edge Frequency 5725 MHz**



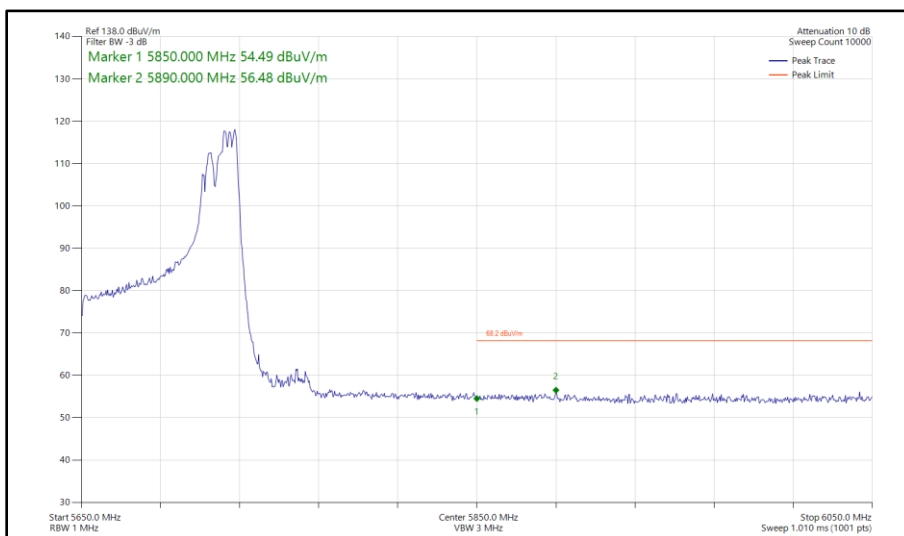
**Figure 596 - 802.11ac VHT80, CDD, Core 0 - Core 1 - 5690 MHz
Band Edge Frequency 5850 MHz**



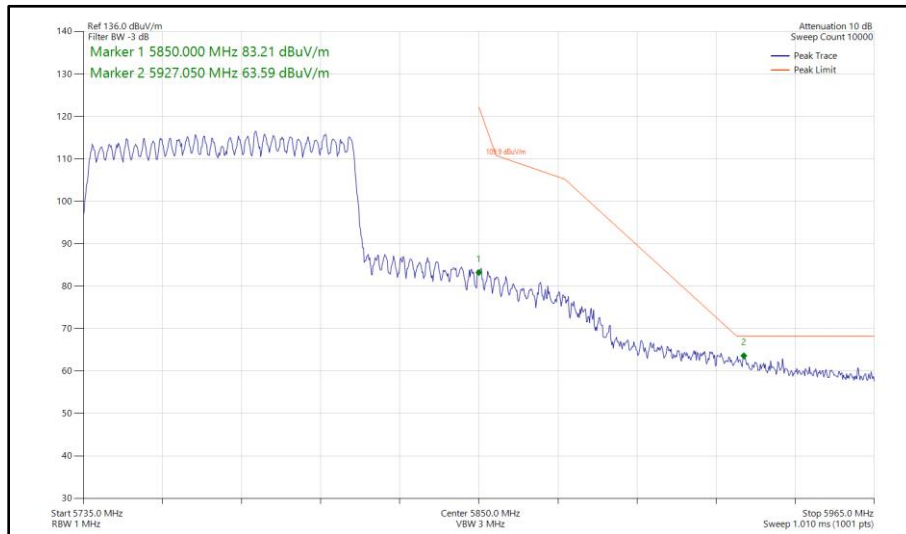
**Figure 597 - 802.11ac VHT80, CDD, Core 0 - Core 1 - 5775 MHz
Band Edge Frequency 5850 MHz**



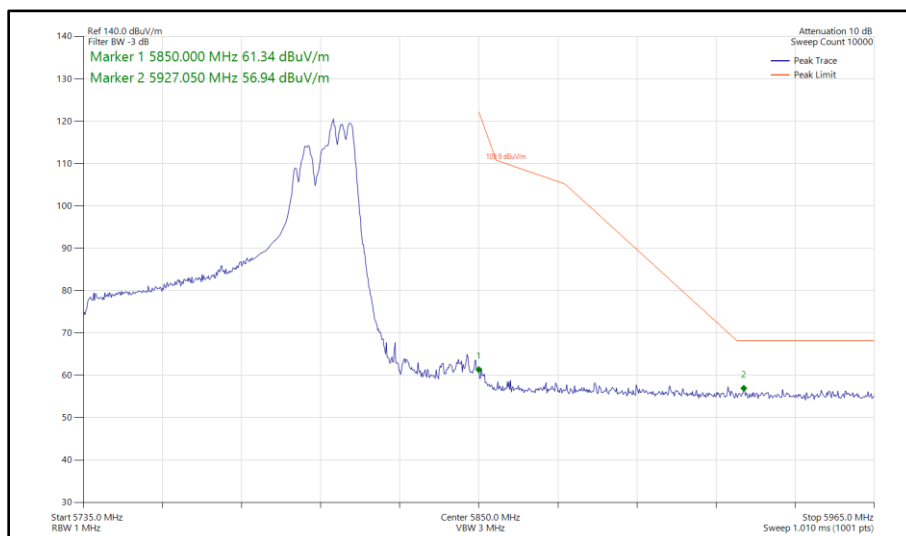
**Figure 598 - 802.11ax HE80, SU, CDD, Core 0 - Core 1 - 5690 MHz
Band Edge Frequency 5850 MHz**



**Figure 599 - 802.11ax HE80, RU 106-60, CDD, Core 0 - Core 1 - 5690 MHz
Band Edge Frequency 5850 MHz**



**Figure 600 - 802.11ax HE80, SU, CDD, Core 0 - Core 1 - 5775 MHz
Band Edge Frequency 5850 MHz**



**Figure 601 - 802.11ax HE80, RU 106-60, CDD, Core 0 - Core 1 - 5775 MHz
Band Edge Frequency 5850 MHz**



80 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 VHT80	MCS 4x2	-	-	5530	5470	63.67
802.11ax HE80	MCS 4x2	SU	-	5530	5470	63.58
802.11ax HE80	MCS 11x2	106	53	5530	5470	60.19
802.11ac VHT80	MCS 4x2	-	-	5775	5725	63.38
802.11ax HE80	MCS 2x2	SU	-	5775	5725	63.69
802.11ax HE80	MCS 11x2	106	53	5775	5725	55.95
802.11ac VHT80	MCS 8x2	-	-	5610	5725	63.63
802.11ax HE80	MCS 2x2	SU	-	5610	5725	63.29
802.11ax HE80	MCS 11x2	106	60	5610	5725	56.82
802.11ac VHT80	MCS 8x2	-	-	5690	5850	63.37
802.11ac VHT80	MCS 2x2	-	-	5775	5850	64.05
802.11ax HE80	MCS 2x2	SU	-	5690	5850	63.52
802.11ax HE80	MCS 11x2	106	60	5690	5850	56.94
802.11ax HE80	MCS 4x2	SU	-	5775	5850	63.47
802.11ax HE80	MCS 11x2	106	53	5775	5850	56.61

Table 715 - SDM Authorised Band Edge Results

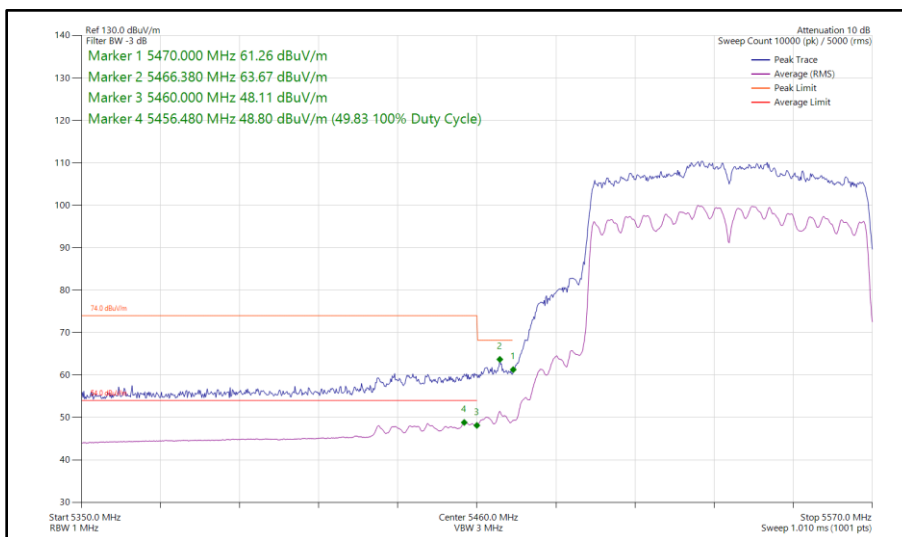
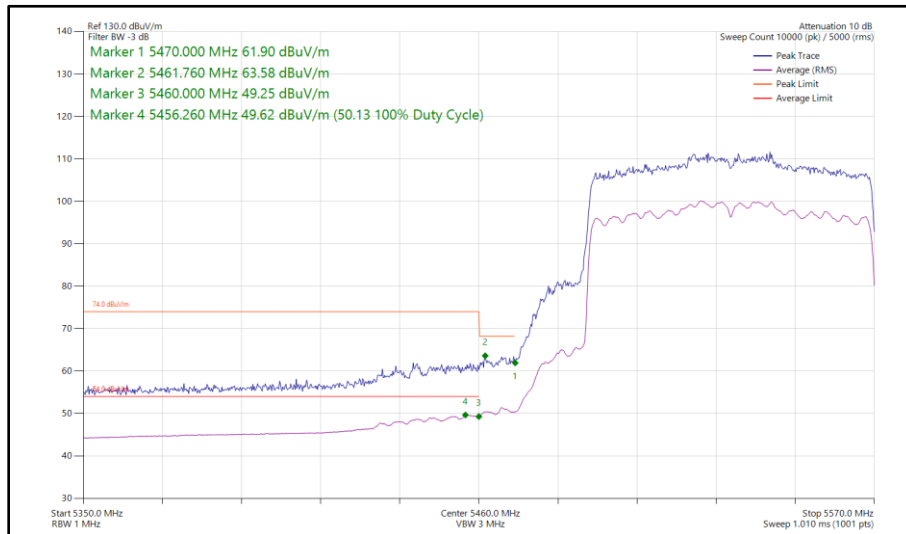
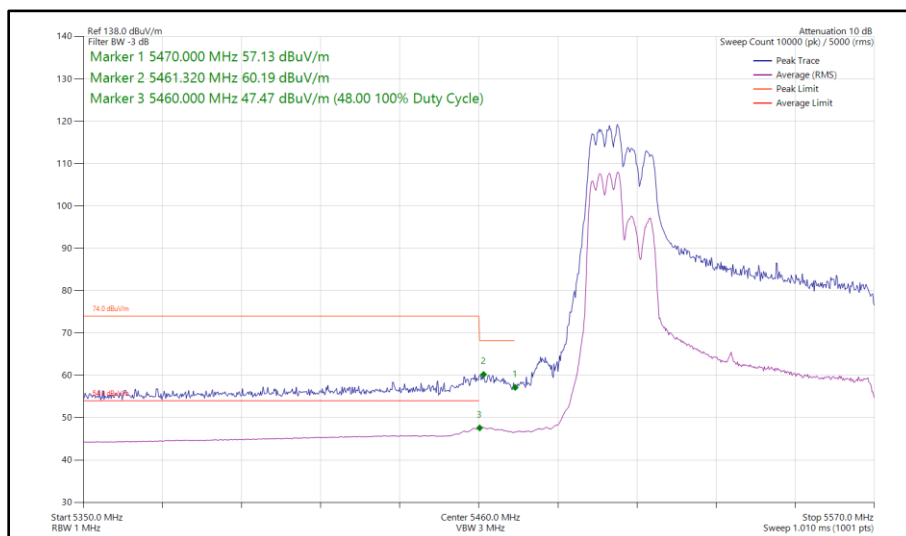


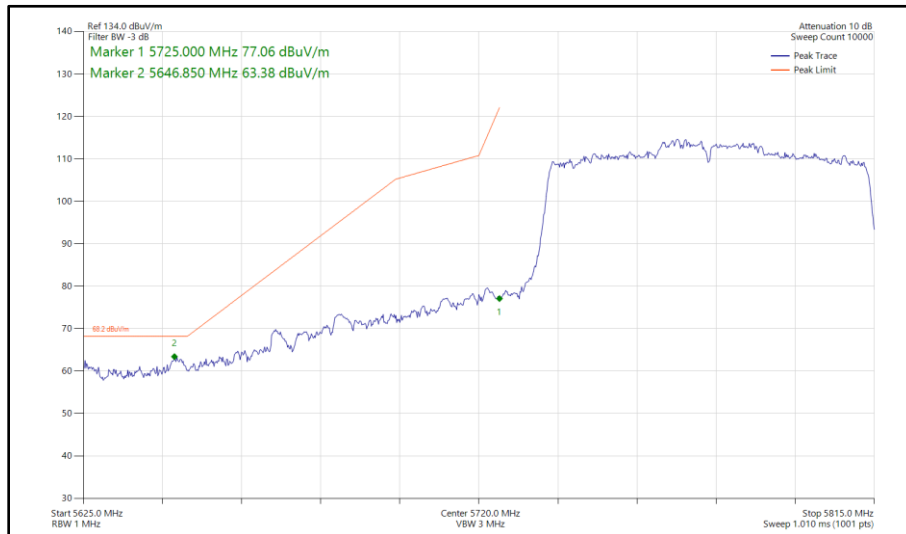
Figure 602 - 802.11ac VHT80, SDM, Core 0 - Core 1 - 5530 MHz
 Band Edge Frequency 5470 MHz



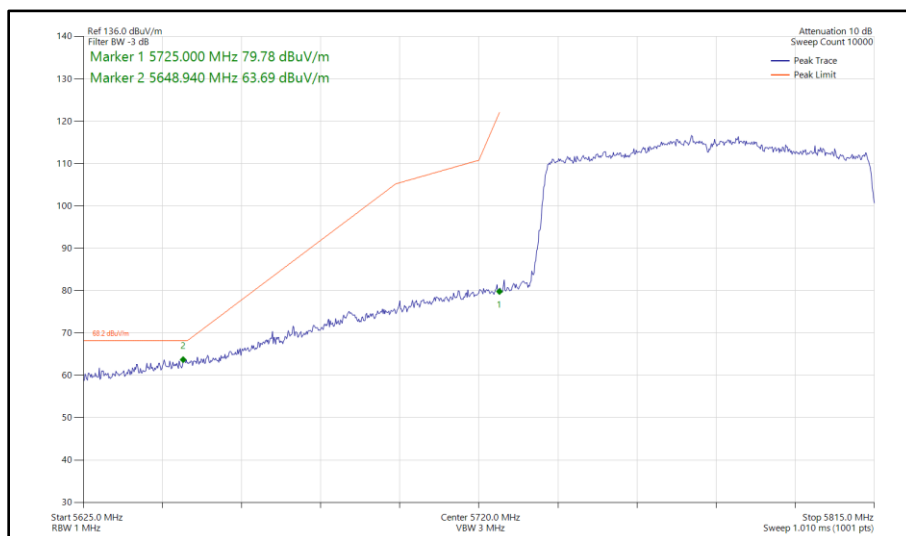
**Figure 603 - 802.11ax HE80, SU, SDM, Core 0 - Core 1 - 5530 MHz
Band Edge Frequency 5470 MHz**



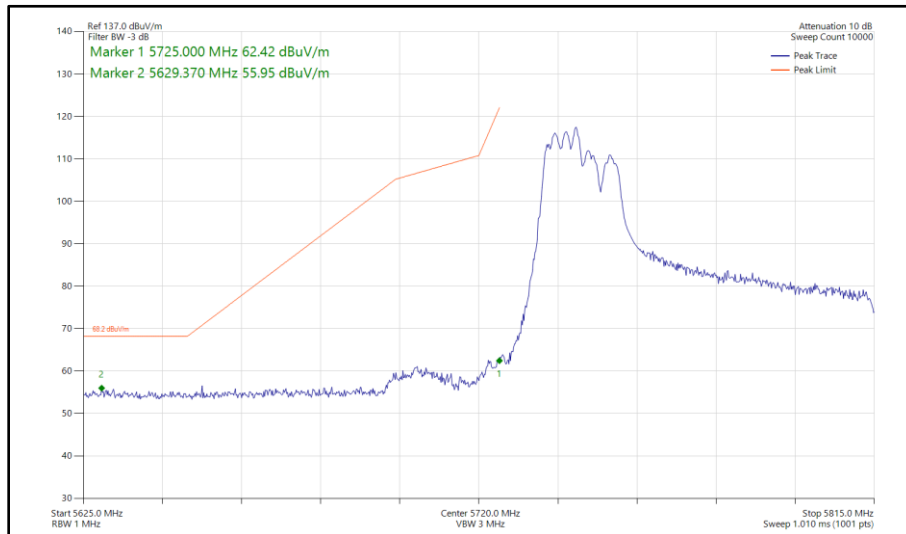
**Figure 604 - 802.11ax HE80, RU 106-53, SDM, Core 0 - Core 1 - 5530 MHz
Band Edge Frequency 5470 MHz**



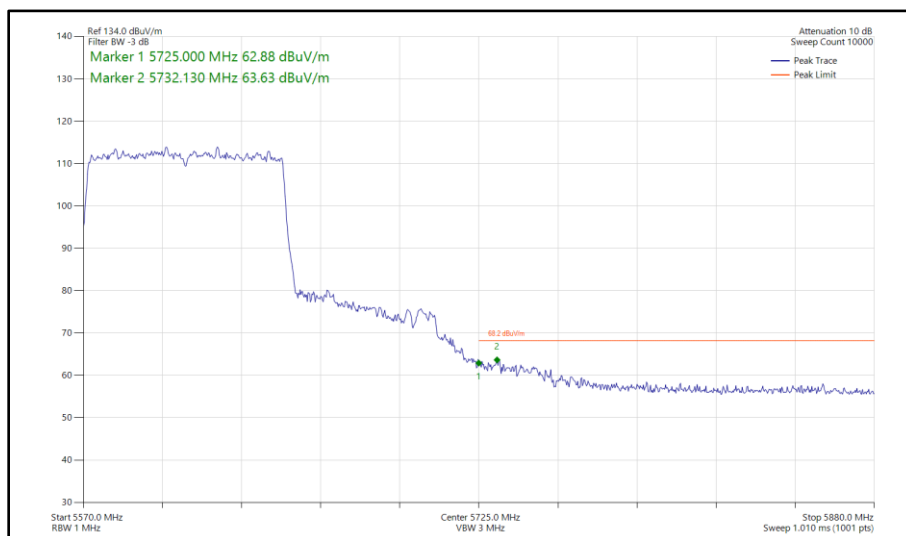
**Figure 605 - 802.11ac VHT80, SDM, Core 0 - Core 1 - 5775 MHz
Band Edge Frequency 5725 MHz**



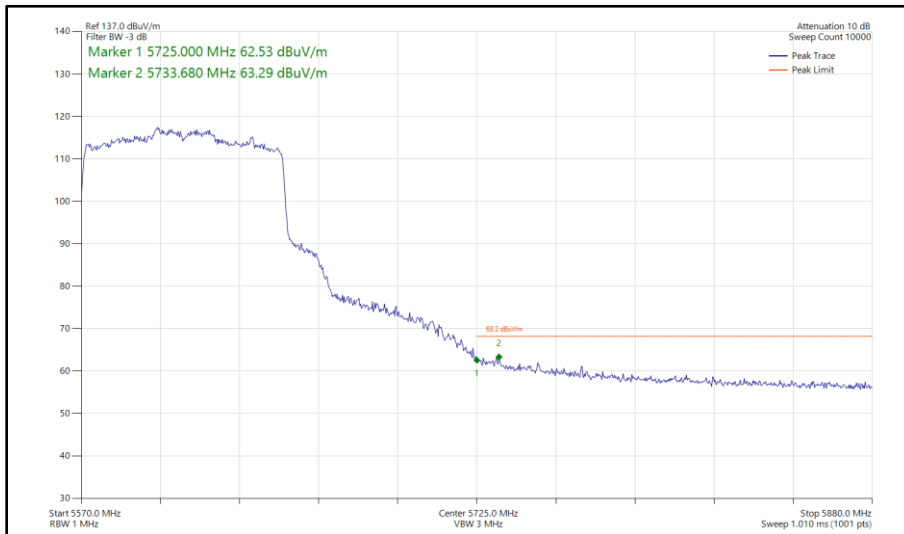
**Figure 606 - 802.11ax HE80, SU, SDM, Core 0 - Core 1 - 5775 MHz
Band Edge Frequency 5725 MHz**



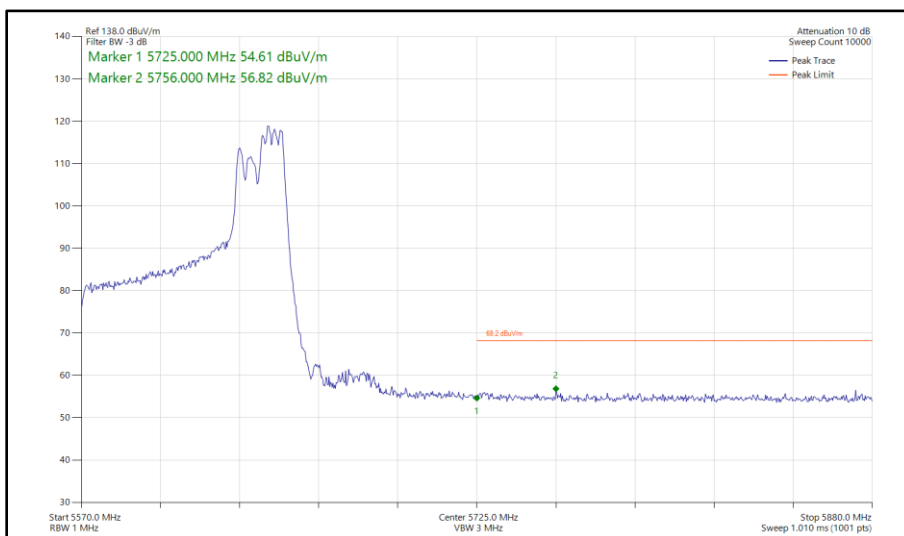
**Figure 607 - 802.11ax HE80, RU 106-53, SDM, Core 0 - Core 1 - 5775 MHz
Band Edge Frequency 5725 MHz**



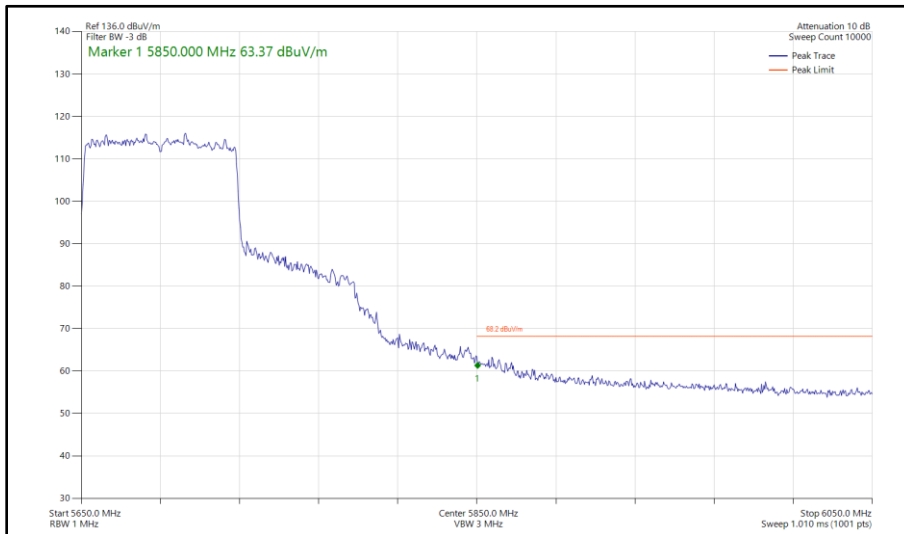
**Figure 608 - 802.11ac VHT80, SDM, Core 0 - Core 1 - 5610 MHz
Band Edge Frequency 5725 MHz**



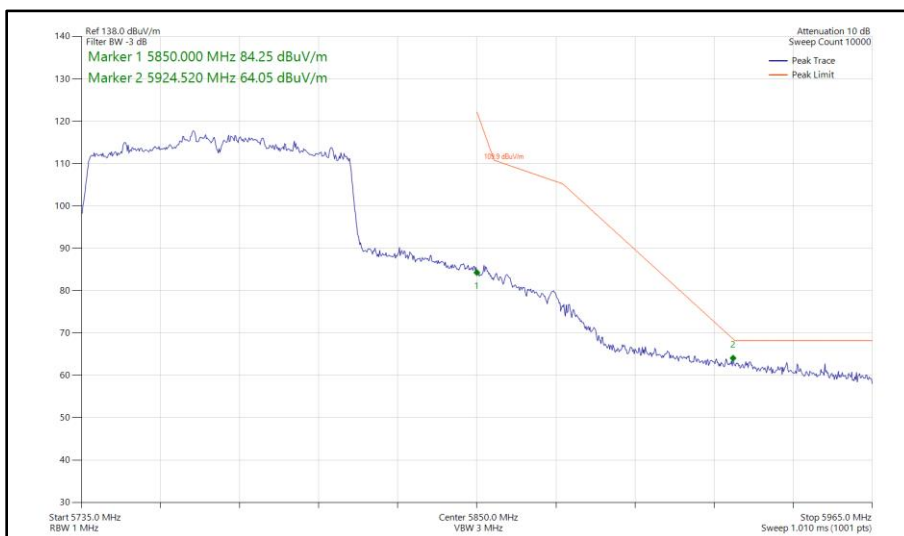
**Figure 609 - 802.11ax HE80, SU, SDM, Core 0 - Core 1 - 5610 MHz
Band Edge Frequency 5725 MHz**



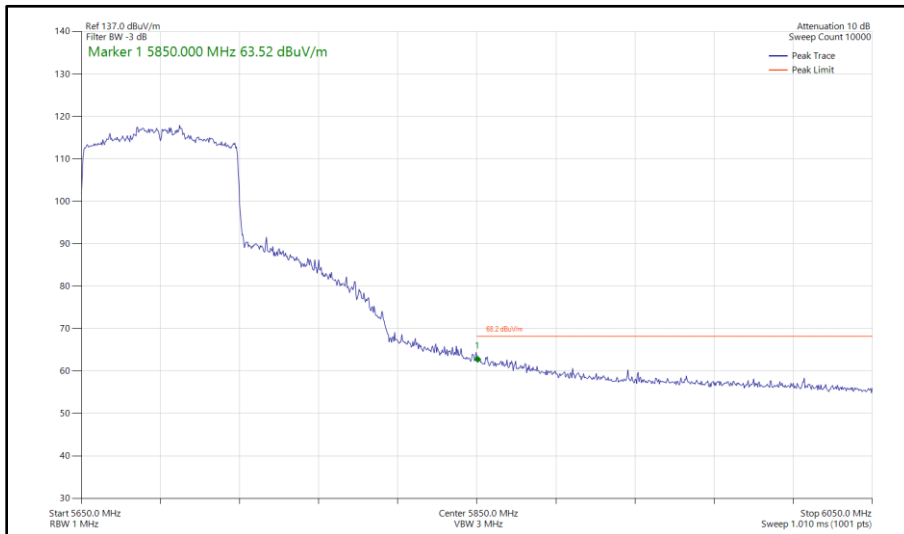
**Figure 610 - 802.11ax HE80, RU 106-60, SDM, Core 0 - Core 1 - 5610 MHz
Band Edge Frequency 5725 MHz**



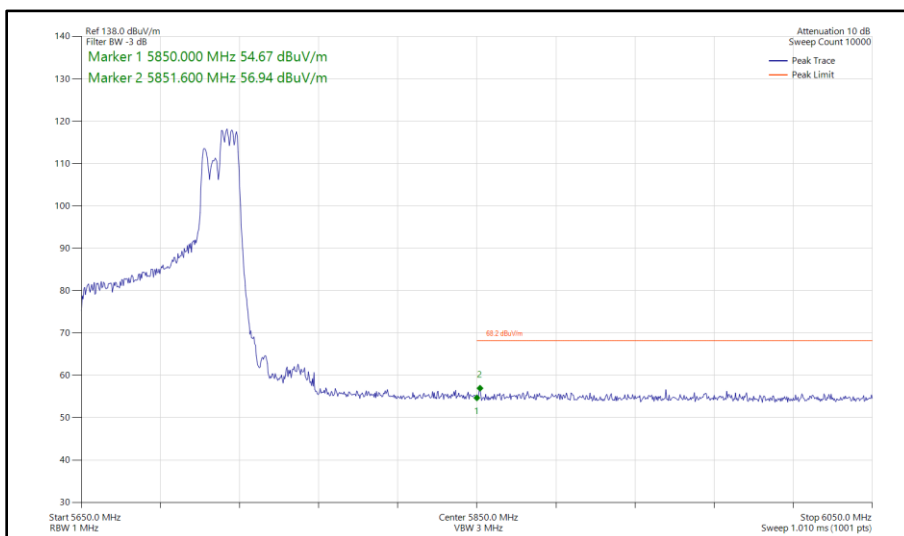
**Figure 611 - 802.11ac VHT80, SDM, Core 0 - Core 1 - 5690 MHz
Band Edge Frequency 5850 MHz**



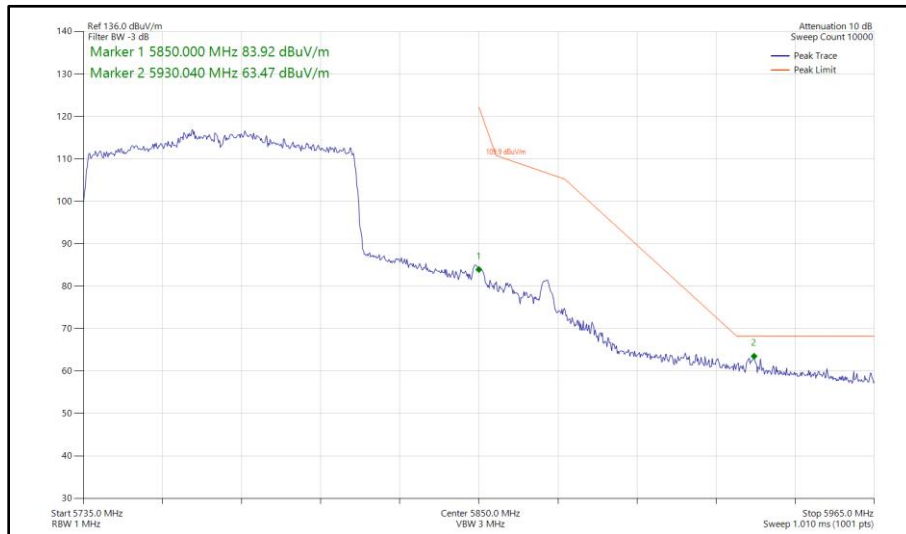
**Figure 612 - 802.11ac VHT80, SDM, Core 0 - Core 1 - 5775 MHz
Band Edge Frequency 5850 MHz**



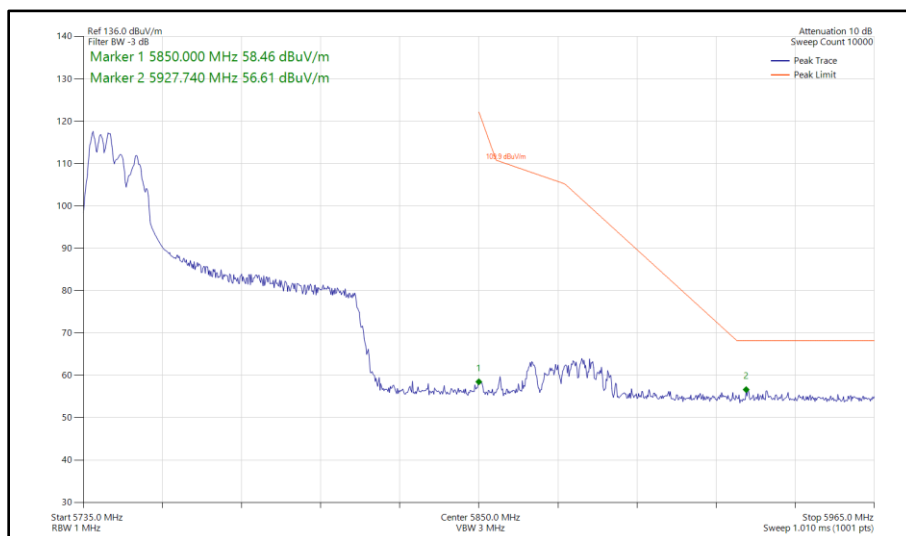
**Figure 613 - 802.11ax HE80, SU, SDM, Core 0 - Core 1 - 5690 MHz
Band Edge Frequency 5850 MHz**



**Figure 614 - 802.11ax HE80, RU 106-60, SDM, Core 0 - Core 1 - 5690 MHz
Band Edge Frequency 5850 MHz**



**Figure 615 - 802.11ax HE80, SU, SDM, Core 0 - Core 1 - 5775 MHz
Band Edge Frequency 5850 MHz**



**Figure 616 - 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	63.46
802.11ac VHT80	MCS 8x1	-	-	5775	5725	63.47
802.11ac VHT80	MCS 4x1	-	-	5610	5725	63.64
802.11ac VHT80	MCS 8x1	-	-	5690	5850	63.58
802.11ac VHT80	MCS 2x1	-	-	5775	5850	63.52

Table 716 - TxBF Authorised Band Edge Results

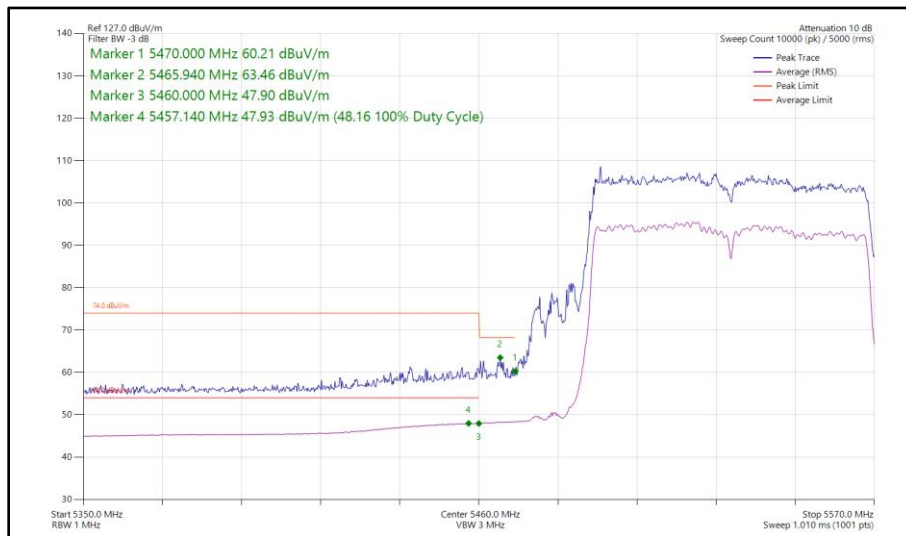


Figure 617 - 802.11ac VHT80, TxBF, Core 0 - Core 1 - 5530 MHz
 Band Edge Frequency 5470 MHz

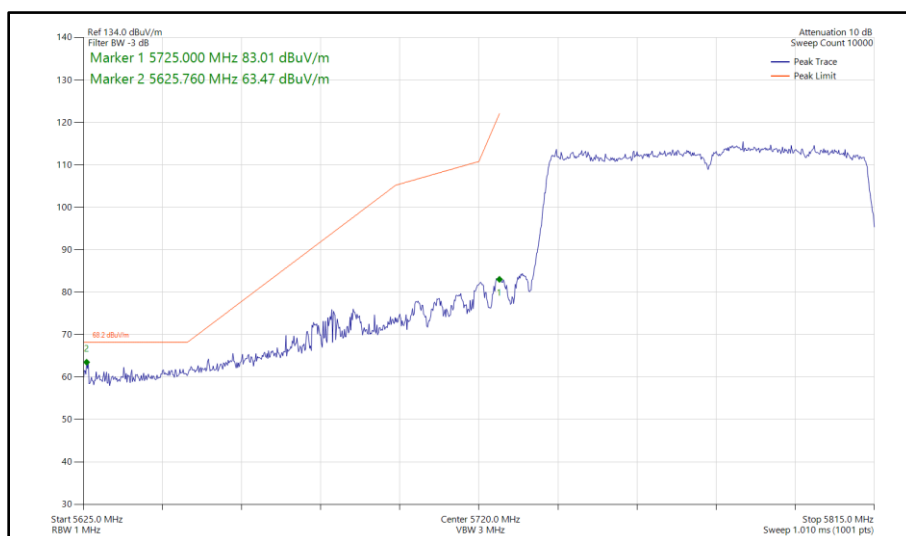
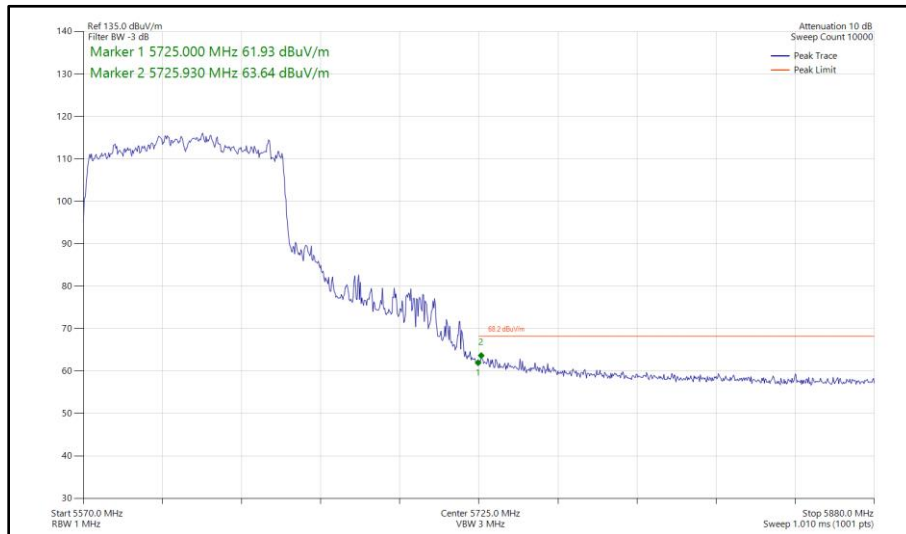
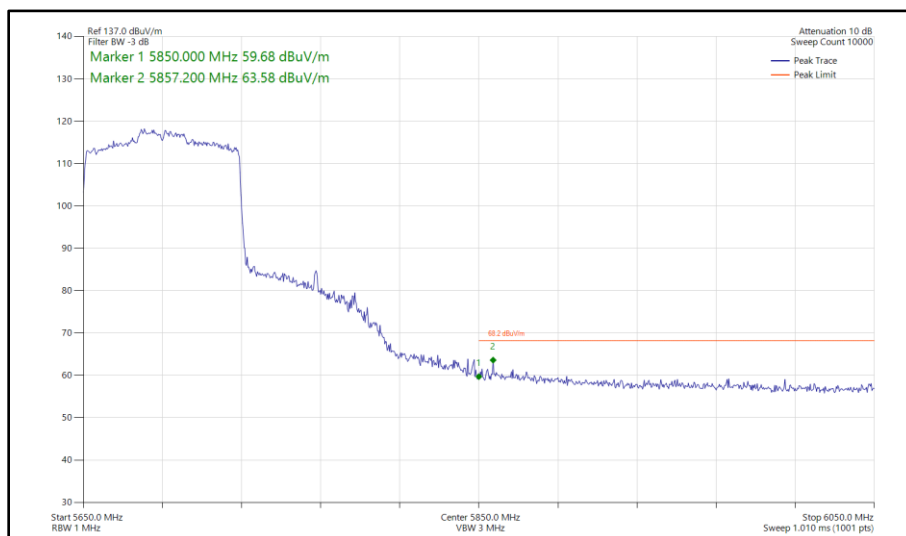


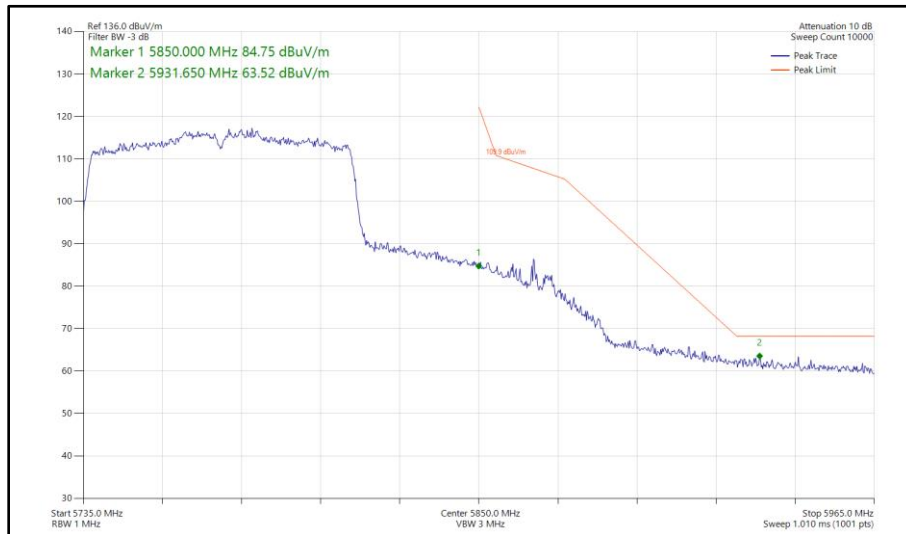
Figure 618 - 802.11ac VHT80, TxBF, Core 0 - Core 1 - 5775 MHz
 Band Edge Frequency 5725 MHz



**Figure 619 - 802.11ac VHT80, TxBF, Core 0 - Core 1 - 5610 MHz
Band Edge Frequency 5725 MHz**



**Figure 620 - 802.11ac VHT80, TxBF, Core 0 - Core 1 - 5690 MHz
Band Edge Frequency 5850 MHz**



**Figure 621 - 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	63.20
802.11ax HE160	MCS 11x1	SU	-	5570	5470	63.19
802.11ax HE160	MCS 11x1	106	53P	5570	5470	55.74
802.11ac VHT160	MCS 4x1	-	-	5570	5725	63.68
802.11ax HE160	MCS 4x1	SU	-	5570	5725	63.28
802.11ax HE160	MCS 11x1	52	37P	5570	5725	57.38

Table 717 - SISO Authorised Band Edge Results

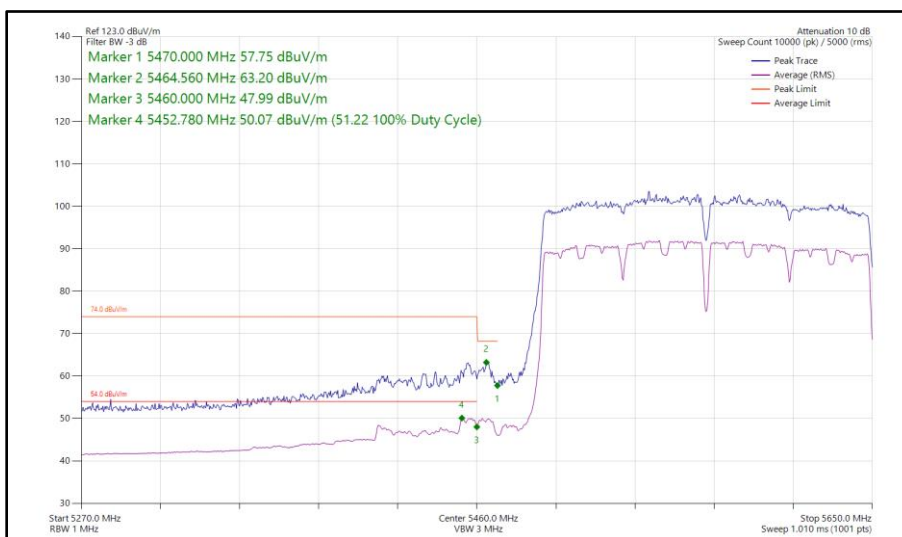
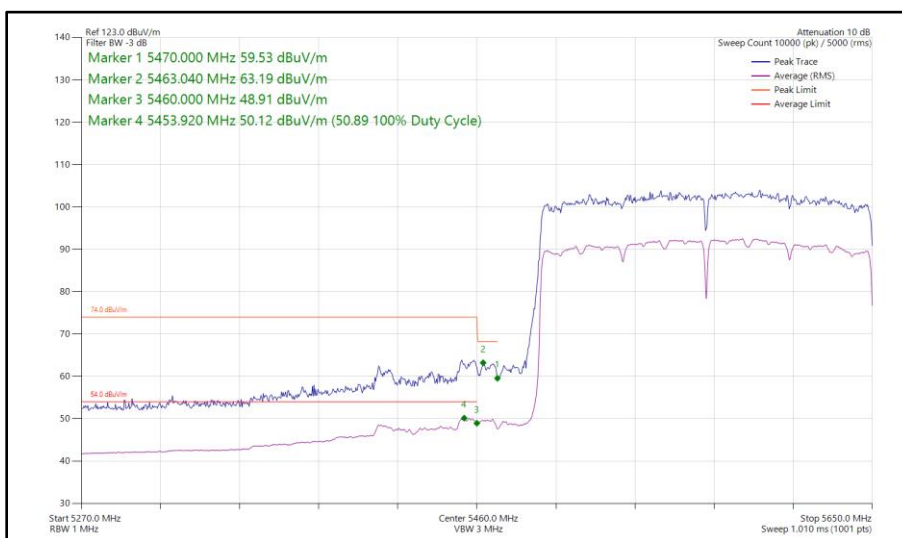
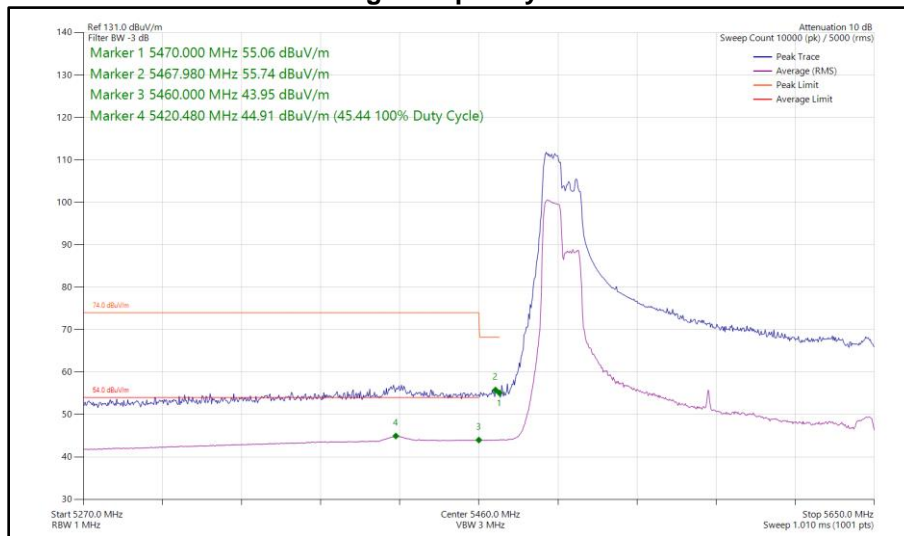


Figure 622 - 802.11ac VHT160, SISO, Core 0 - 5570 MHz
 Band Edge Frequency 5470 MHz

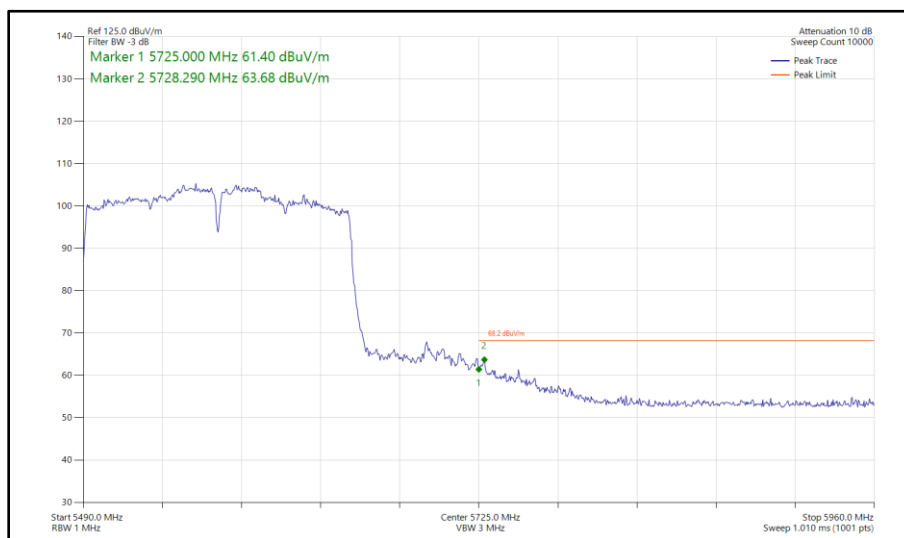




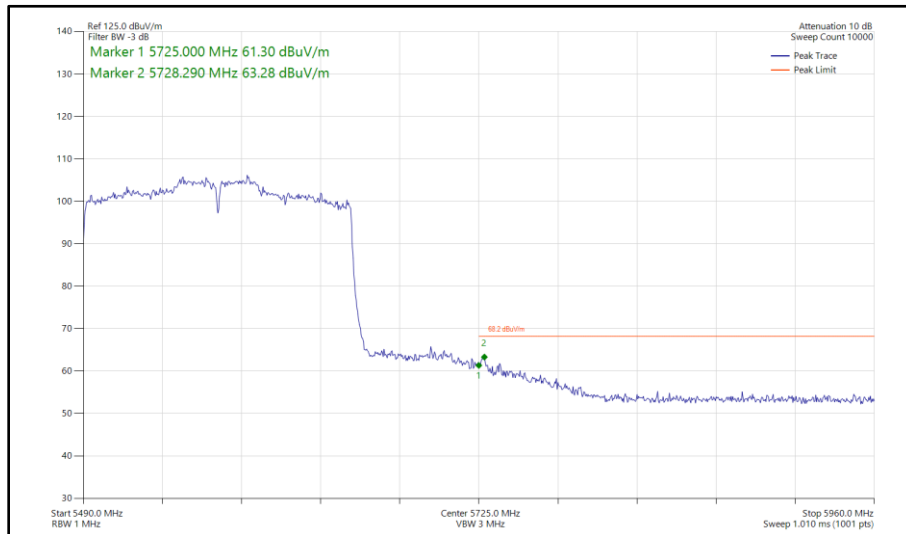
**Figure 623 - 802.11ax HE160, SU, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5470 MHz**



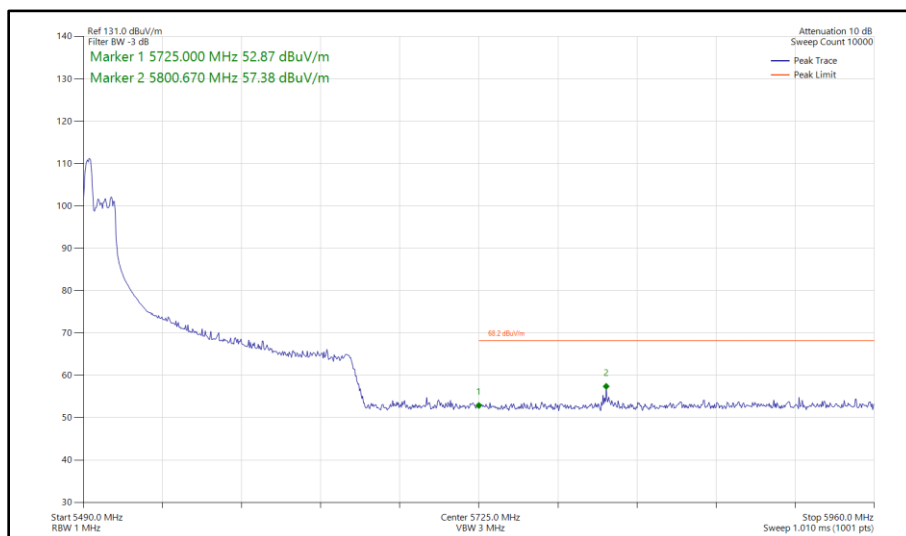
**Figure 624 - 802.11ax HE160, RU 106-53P, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5470 MHz**



**Figure 625 - 802.11ac VHT160, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5725 MHz**



**Figure 626 - 802.11ax HE160, SU, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5725 MHz**



**Figure 627 - 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	63.55
802.11ax HE160	MCS 4x1	SU	-	5570	5470	63.16
802.11ax HE160	MCS 11x1	106	53P	5570	5470	57.41
802.11ac VHT160	MCS 2x1	-	-	5570	5725	63.29
802.11ax HE160	MCS 4x1	SU	-	5570	5725	63.60
802.11ax HE160	MCS 11x1	106	53P	5570	5725	58.46

Table 718 - SISO Authorised Band Edge Results

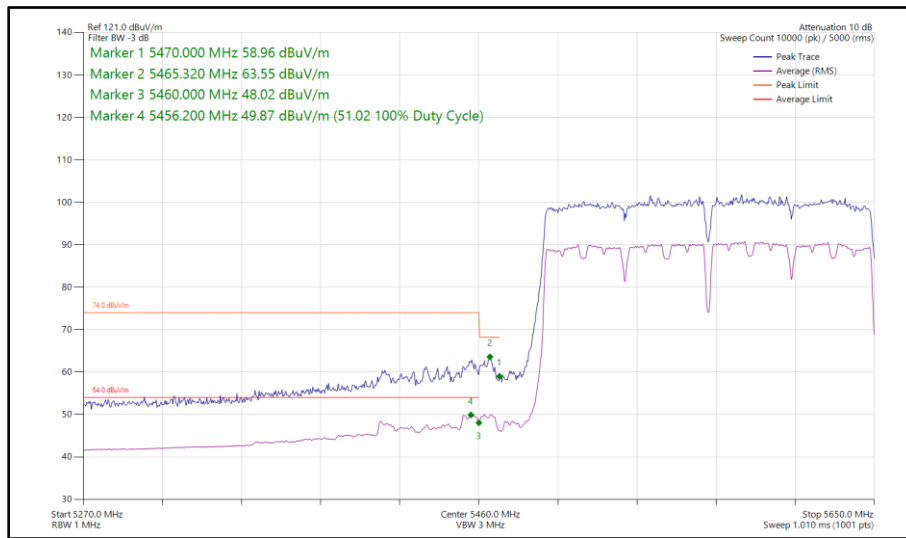
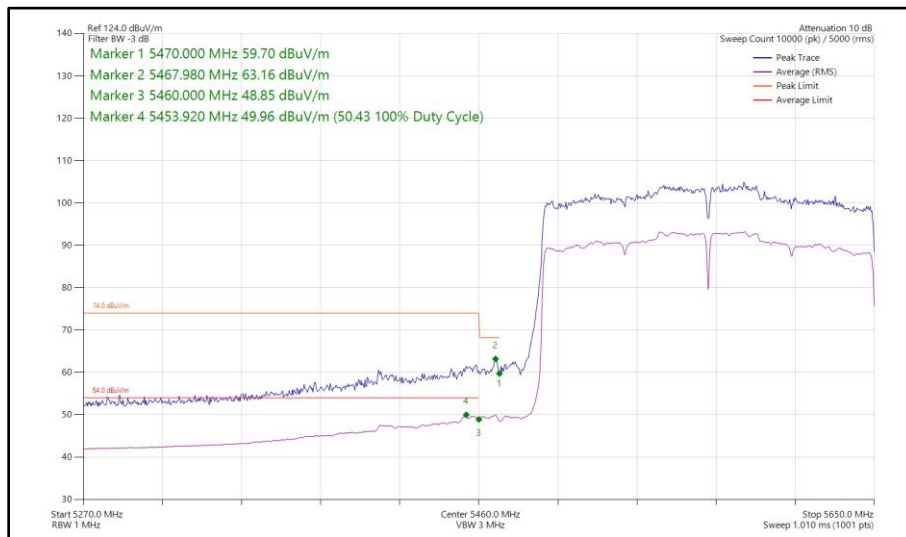
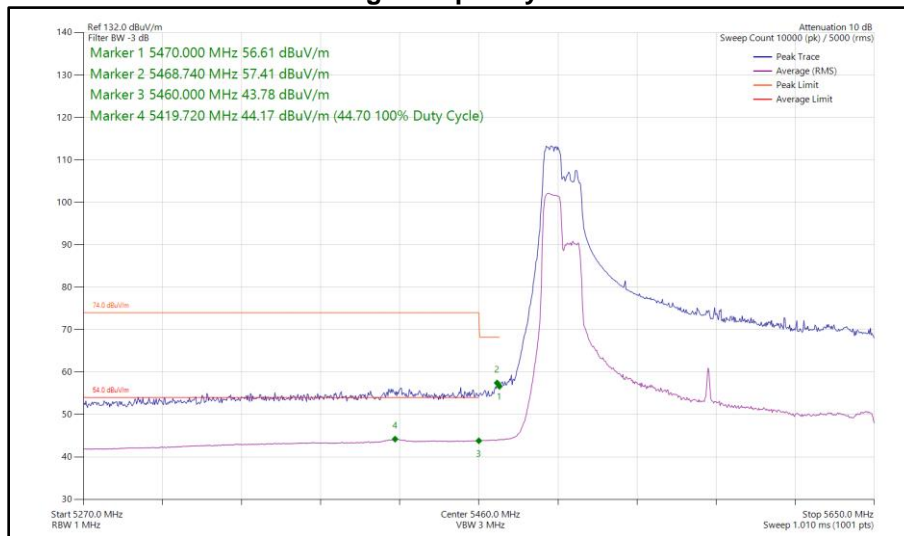


Figure 628 - 802.11ac VHT160, SISO, Core 1 - 5570 MHz
 Band Edge Frequency 5470 MHz

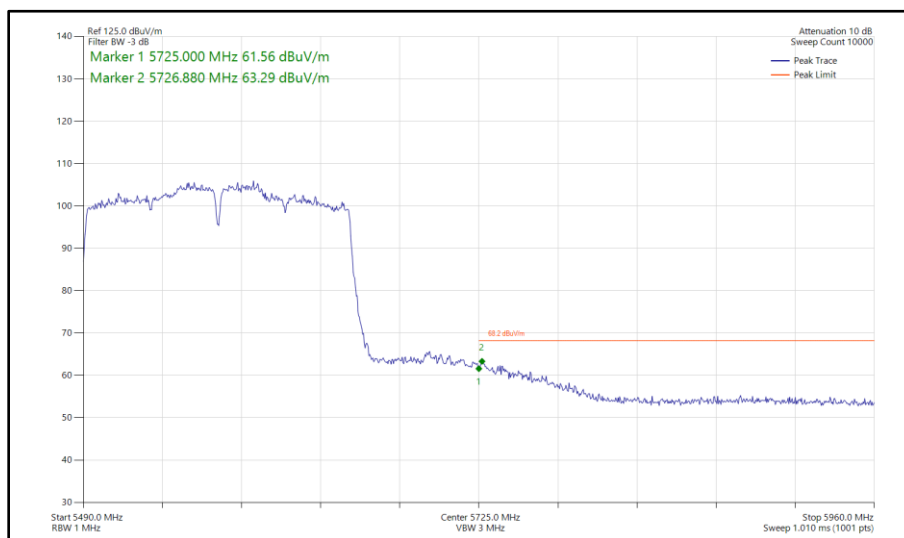




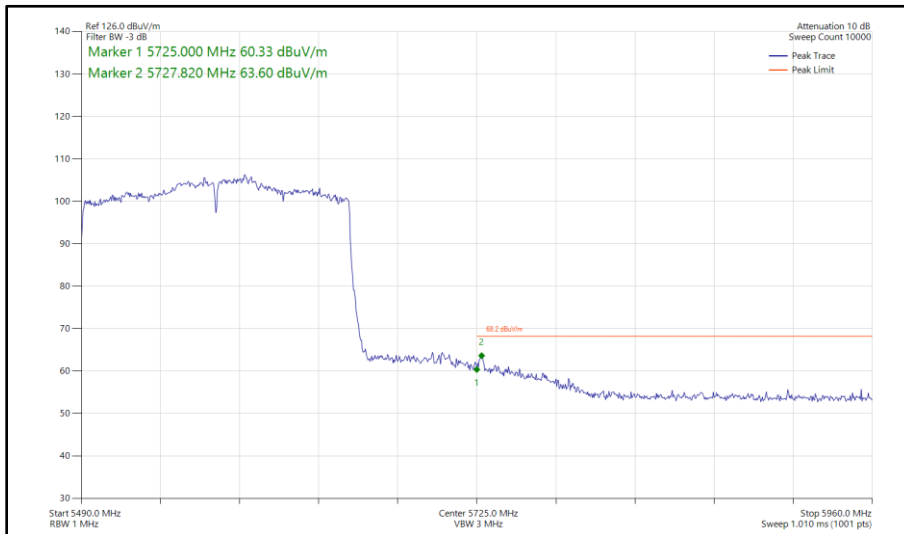
**Figure 629 - 802.11ax HE160, SU, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**



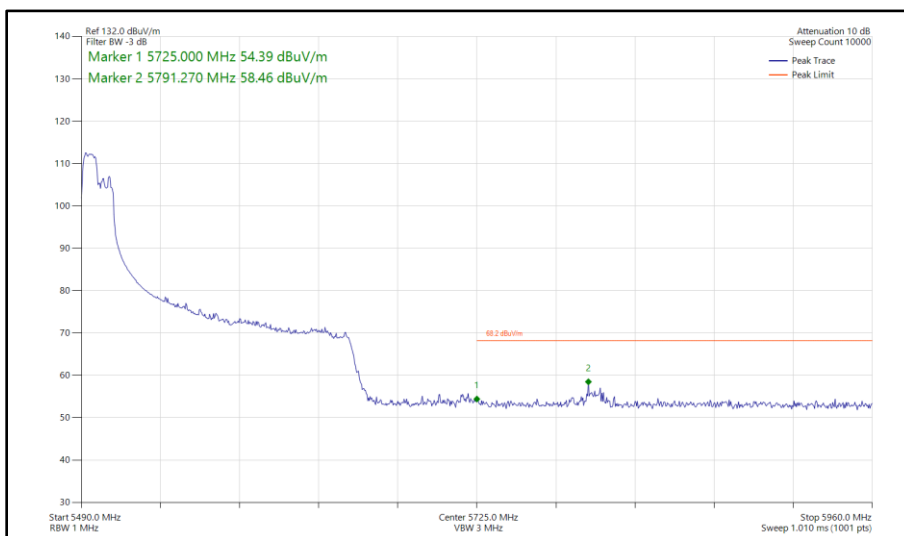
**Figure 630 - 802.11ax HE160, RU 106-53P, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**



**Figure 631 - 802.11ac VHT160, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz**



**Figure 632 - 802.11ax HE160, SU, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz**



**Figure 633 - 802.11ax HE160, RU 106-53P, 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	62.72
802.11ax HE160	MCS 11x1	SU	-	5570	5470	63.16
802.11ax HE160	MCS 11x1	106	53P	5570	5470	57.72
802.11ac VHT160	MCS 4x1	-	-	5570	5725	63.64
802.11ax HE160	MCS 11x1	SU	-	5570	5725	63.52
802.11ax HE160	MCS 11x1	52	37P	5570	5725	59.20

Table 719 - CDD Authorised Band Edge Results

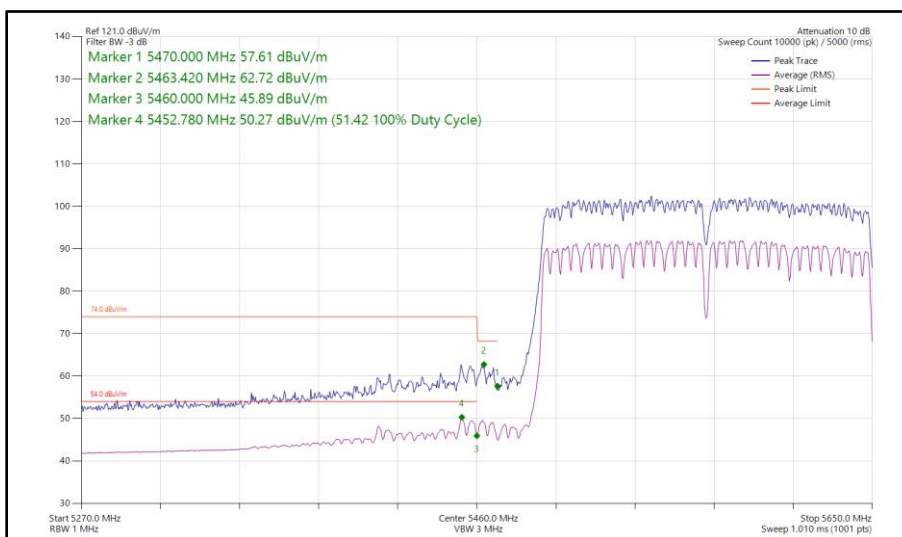
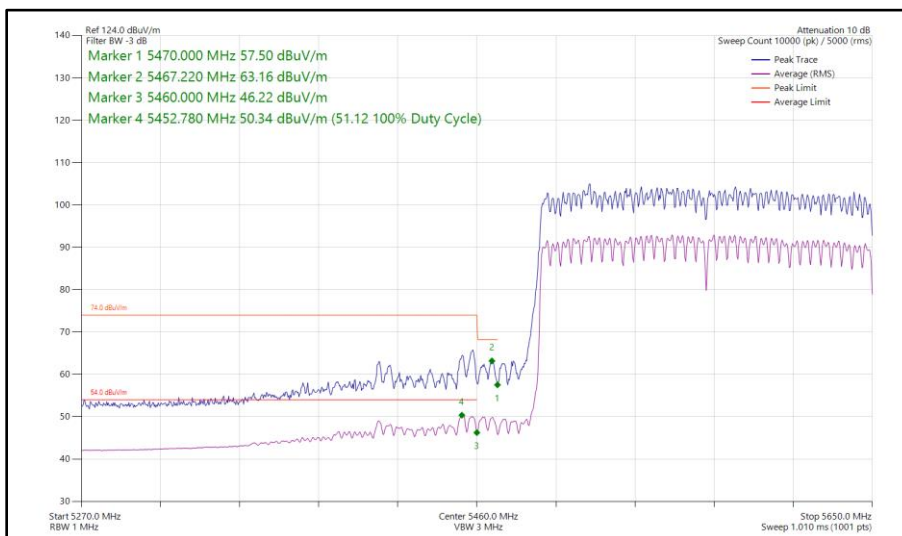
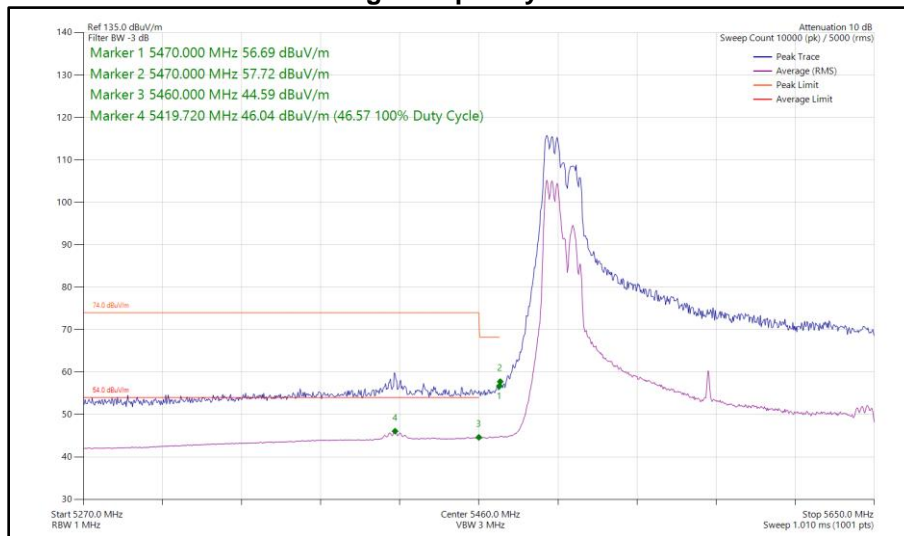


Figure 634 - 802.11ac VHT160, CDD, Core 0 - Core 1 - 5570 MHz
 Band Edge Frequency 5470 MHz

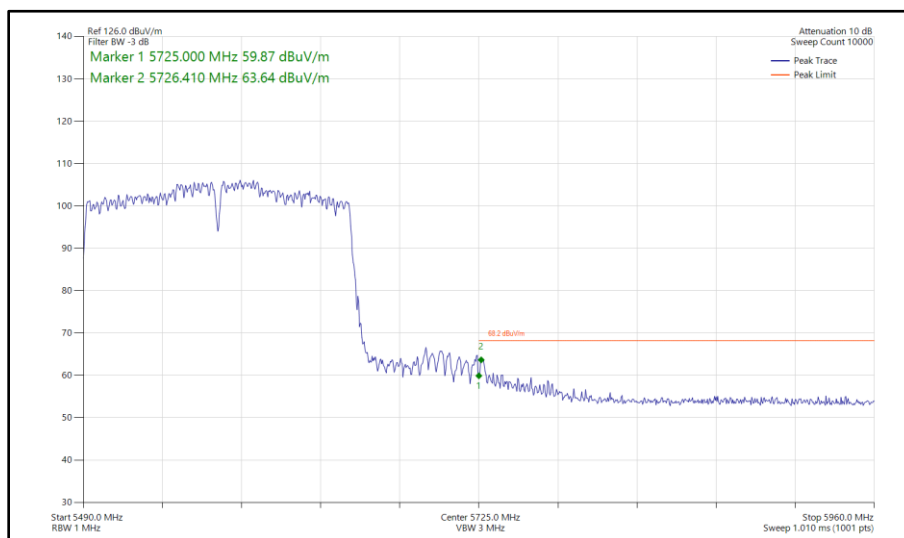




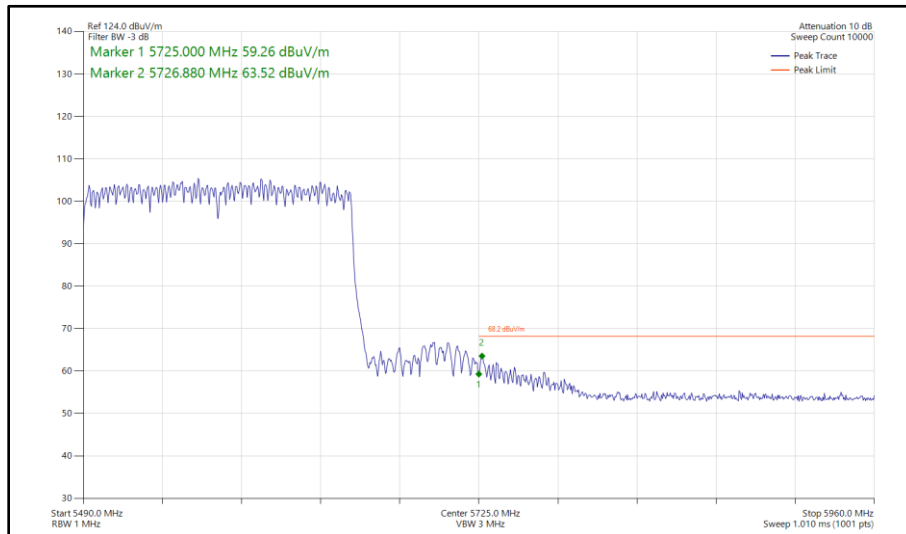
**Figure 635 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**



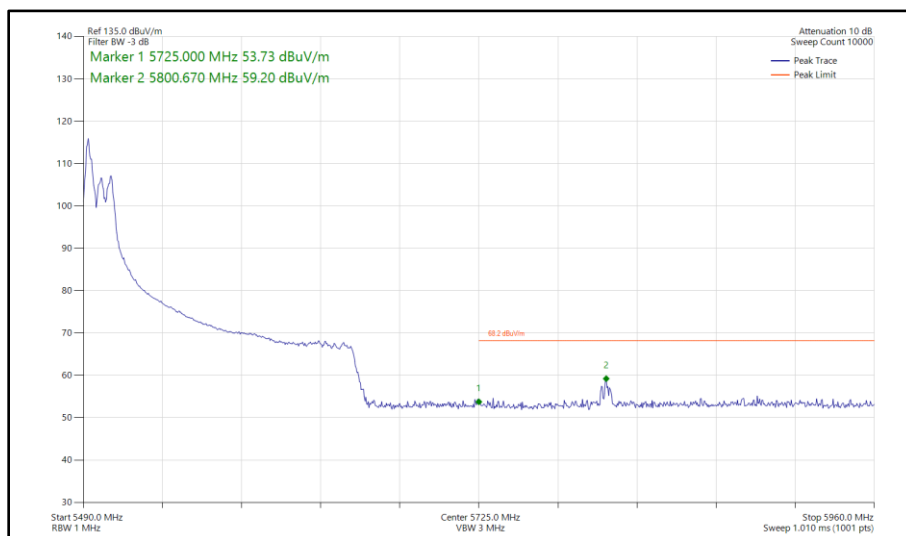
**Figure 636 - 802.11ax HE160, RU 106-53P, CDD, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**



**Figure 637 - 802.11ac VHT160, CDD, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz**



**Figure 638 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz**



**Figure 639 - 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	63.25
802.11ax HE160	MCS 4x2	SU	-	5570	5470	63.29
802.11ax HE160	MCS 11x2	106	60S	5570	5470	57.48
802.11ac VHT160	MCS 2x2	-	-	5570	5725	63.54
802.11ax HE160	MCS 2x2	SU	-	5570	5725	63.65
802.11ax HE160	MCS 11x2	52	37P	5570	5725	59.63

Table 720 - SDM Authorised Band Edge Results

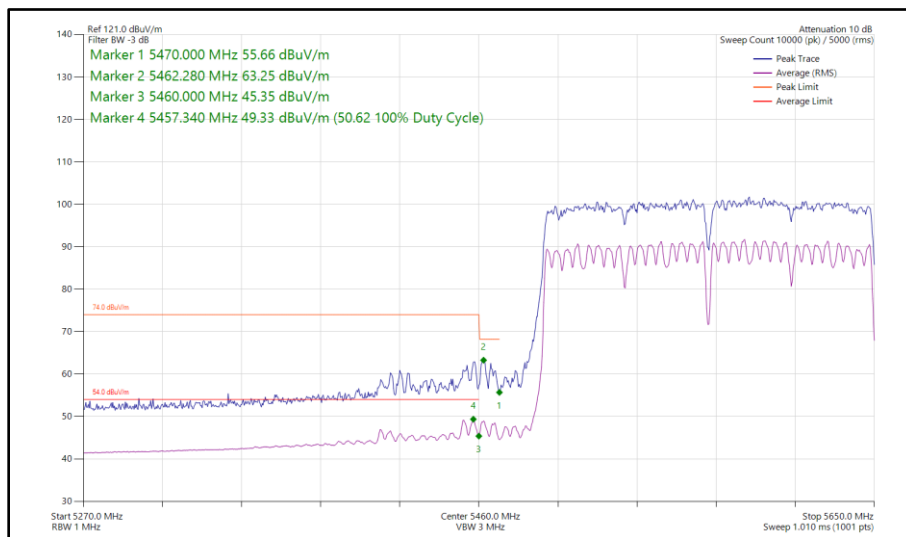
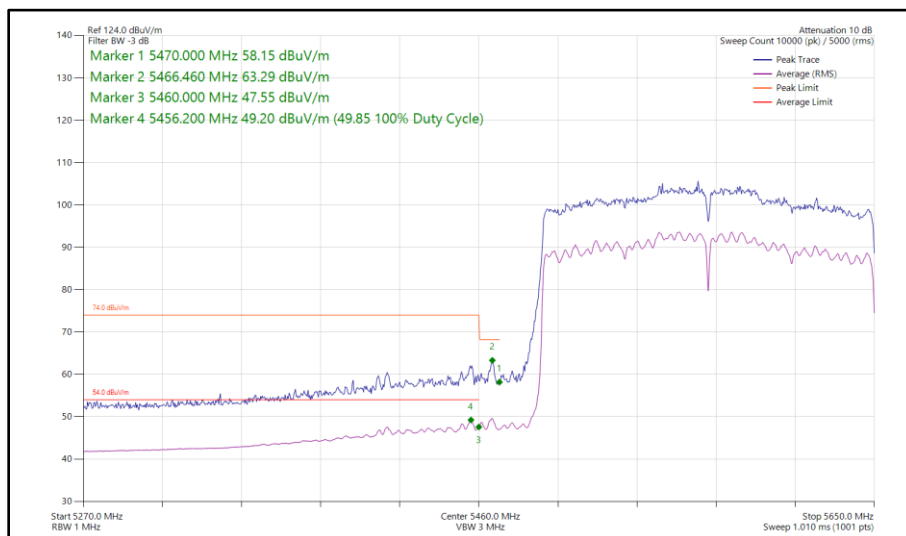
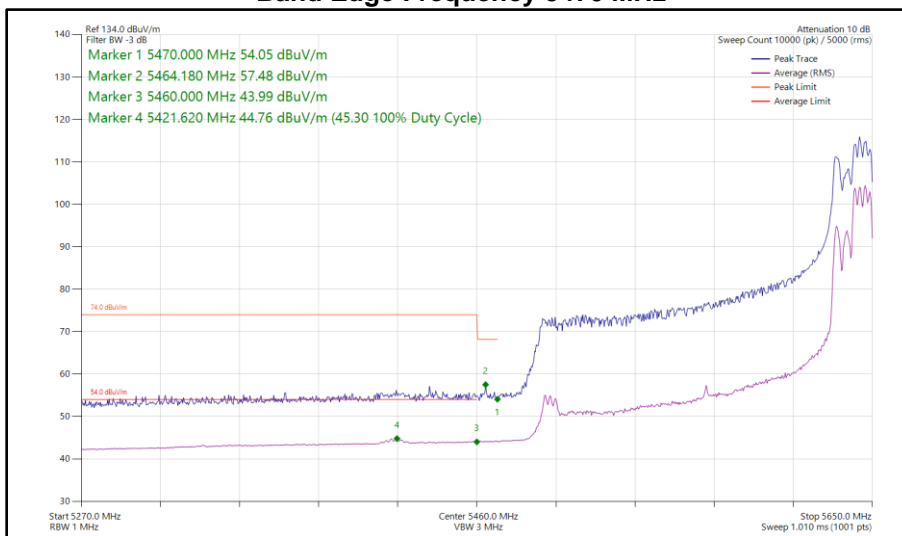


Figure 640 - 802.11ac VHT160, SDM, Core 0 - Core 1 - 5570 MHz
 Band Edge Frequency 5470 MHz

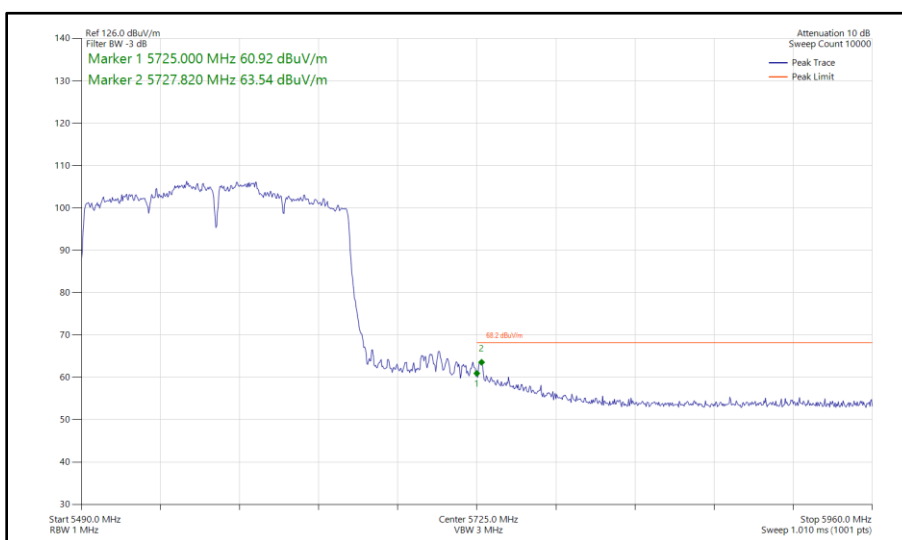




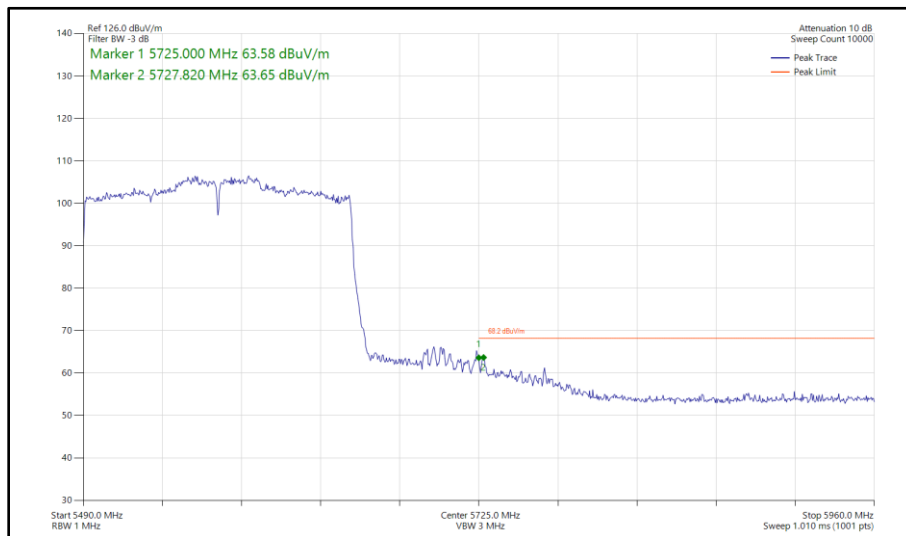
**Figure 641 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**



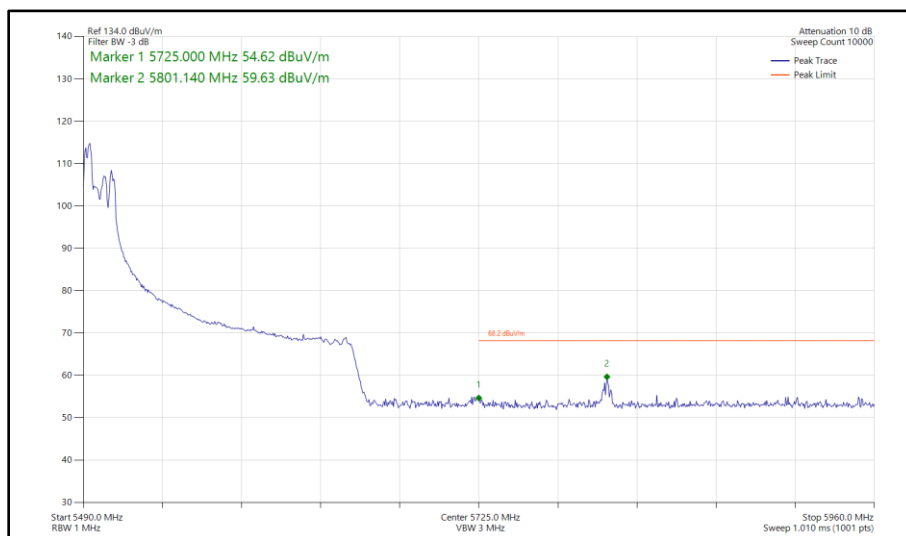
**Figure 642 - 802.11ax HE160, RU 106-60S, SDM, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**



**Figure 643 - 802.11ac VHT160, SDM, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz**



**Figure 644 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz**



**Figure 645 - 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.



2.5.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 14, RF Chamber 15 and RF Chamber 16.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.4.2	5125	-	Software
Cable 2.92m	Junkosha	MWX241-01000KMS	5413	12	23-May-2025
EMI Test Receiver	Rohde & Schwarz	ESW44	5911	12	11-Sep-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
1500W (300V 12A) AC Power Supply	iTech	IT7324	5957	-	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
3m Semi-Anechoic Chamber, Chamber16	Albatross Projects	RF Chamber 16	5972	36	24-May-2025
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5973	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5974	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5975	-	TU
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	5997	12	14-Sep-2024
Cable (N to N 1m)	Junkosha	MWX221-01000NMSNMS/B	5999	12	20-May-2025
Cable (N to N 7m)	Junkosha	MWX221-07000NMSNMS/B	6005	12	20-May-2025
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6007	12	20-May-2025
Cable (SMA to SMA 6.5m)	Junkosha	MWX221-06500AMSAMS/B	6014	12	24-Aug-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



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Digital Multimeter	Fluke	115	6145	12	06-Jun-2025
Digital Multimeter	Fluke	115	6146	12	06-Jun-2025
Digital Multimeter	Fluke	115	6147	12	06-Jun-2025
SAC Switch Unit	TUV SUD	TUV_SSU_001	6190	12	22-Dec-2024
SAC Switch Unit	TUV SUD	TUV_SSU_001	6191	12	18-Dec-2024
EMI Test Receiver	Rohde & Schwarz	ESW44	6294	12	06-Jan-2025
Humidity and Temperature Meter	R.S Components	1364	6346	12	06-Mar-2025
Humidity & Temperature meter	R.S Components	1364	6348	12	06-Mar-2025
SAC Switch Unit	TUV SUD	TUV_SSU_004 PLC	6349	12	07-May-2025
Humidity and Temperature Meter	R.S Components	1364	6486	12	04-Jun-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 721

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)

2.6.2 Equipment Under Test and Modification State

A3185, S/N: LD12H296C1 - Modification State 0
A3185, S/N: GX224MWRCX - Modification State 0

2.6.3 Date of Test

14-August-2024 to 21-August-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 dB μ V/m @ 3 m and 64/84 dB μ V/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 dB μ V/m to μ 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:
Field Strength (dB μ V/m at 3 m) = EIRP (dBm) + 95.2 dB

2.6.5 Test Setup Diagram

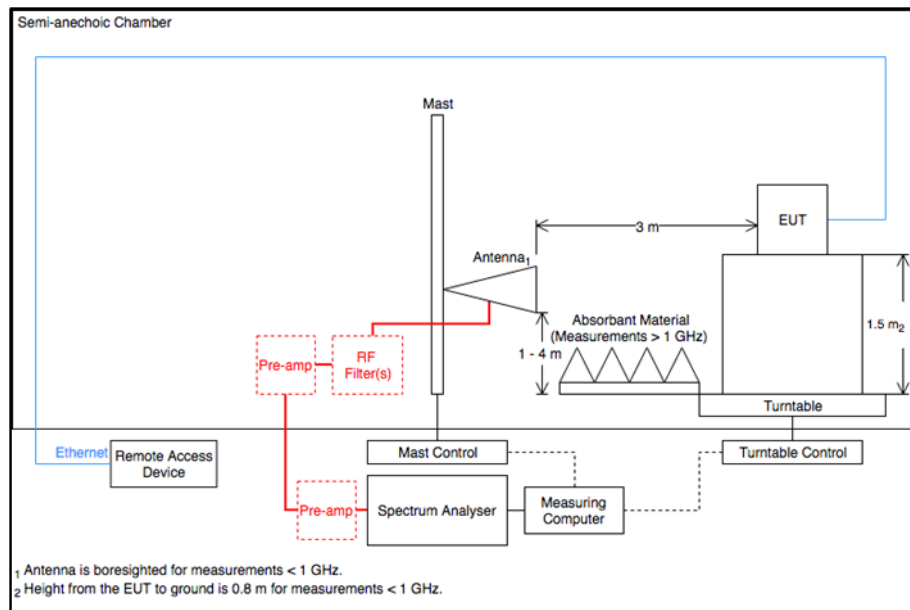


Figure 646 - Radiated Emissions Test Setup Diagram

2.6.6 Environmental Conditions

Ambient Temperature	20.8 - 24.1 °C
Relative Humidity	39.6 - 54.5 %



2.6.7 Test Results

5 GHz WLAN

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5109.978	43.52	54.00	-10.48	RMS	330	287	Vertical
5364.351	39.49	54.00	-14.51	RMS	242	400	Horizontal
5372.744	44.99	54.00	-9.01	RMS	351	321	Vertical
5489.986	54.34	68.20	-13.86	Peak	352	267	Vertical

Table 722 - 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.

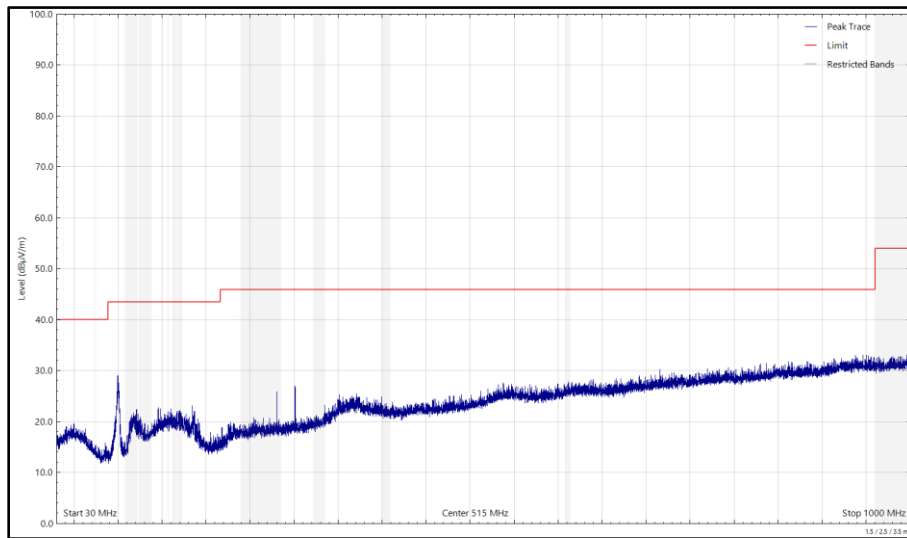


Figure 647 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

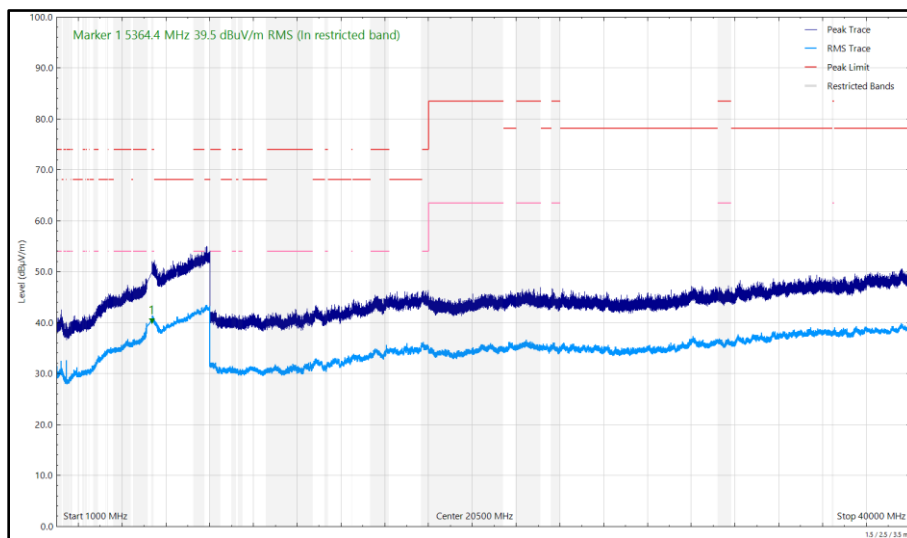


Figure 648 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

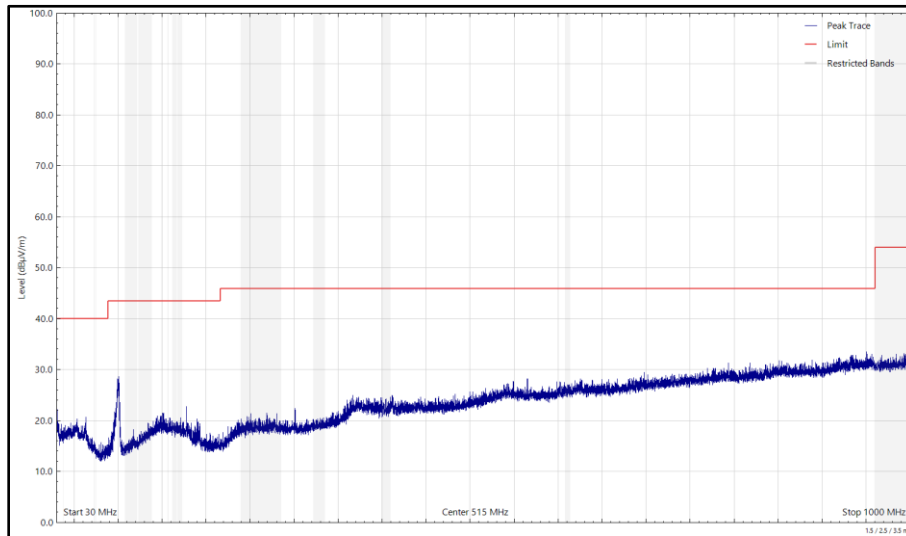


Figure 649 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

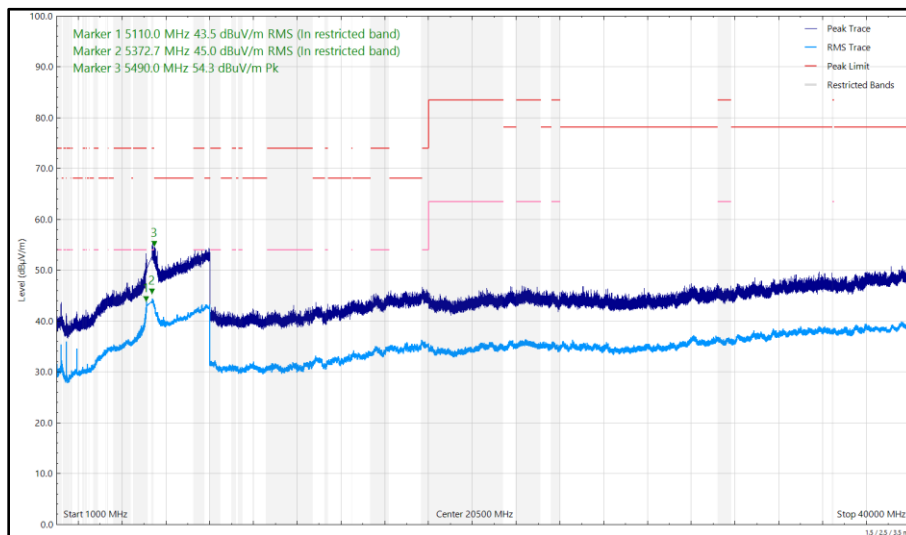


Figure 650 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5139.370	41.29	54.00	-12.71	RMS	326	383	Vertical
5391.429	43.28	54.00	-10.72	RMS	291	367	Horizontal
5392.251	46.43	54.00	-7.57	RMS	351	364	Vertical
5462.846	56.84	68.20	-11.36	Peak	351	342	Vertical
5468.250	53.47	68.20	-14.73	Peak	299	383	Horizontal

Table 723 - 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.

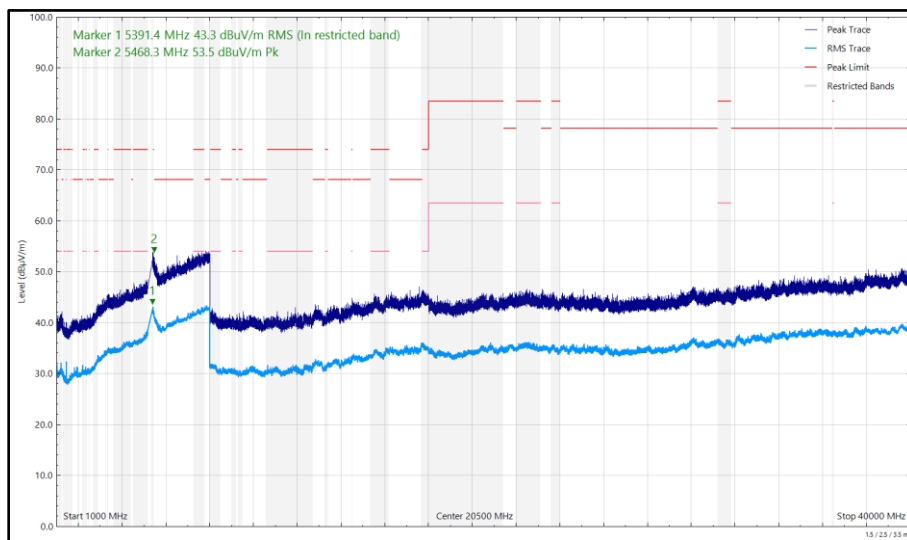


Figure 651 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

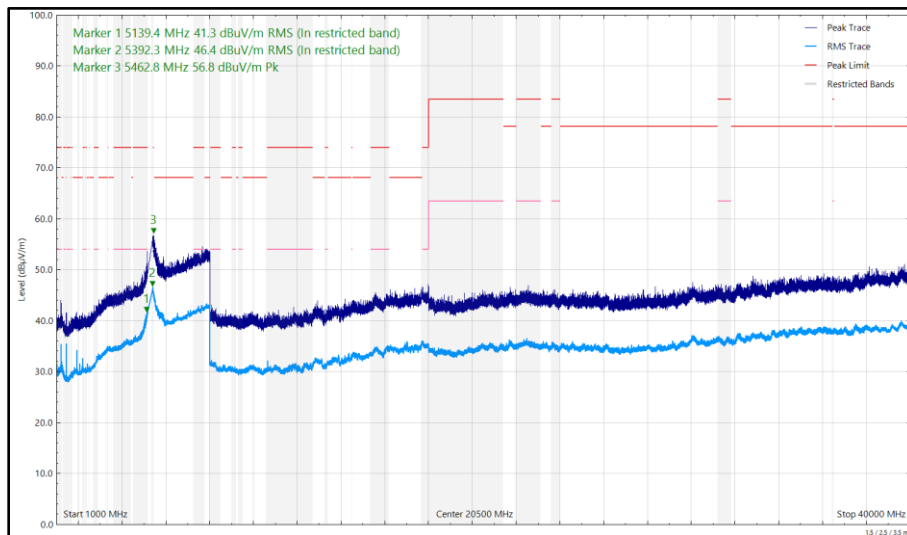


Figure 652 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5335.770	56.72	68.20	-11.48	Peak	352	306	Vertical
5349.593	53.82	68.20	-14.38	Peak	287	400	Horizontal
5400.062	46.25	54.00	-7.75	RMS	351	309	Vertical
5409.904	42.28	54.00	-11.72	RMS	298	385	Horizontal
5727.634	54.76	68.20	-13.44	Peak	351	256	Vertical

Table 724 - 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.

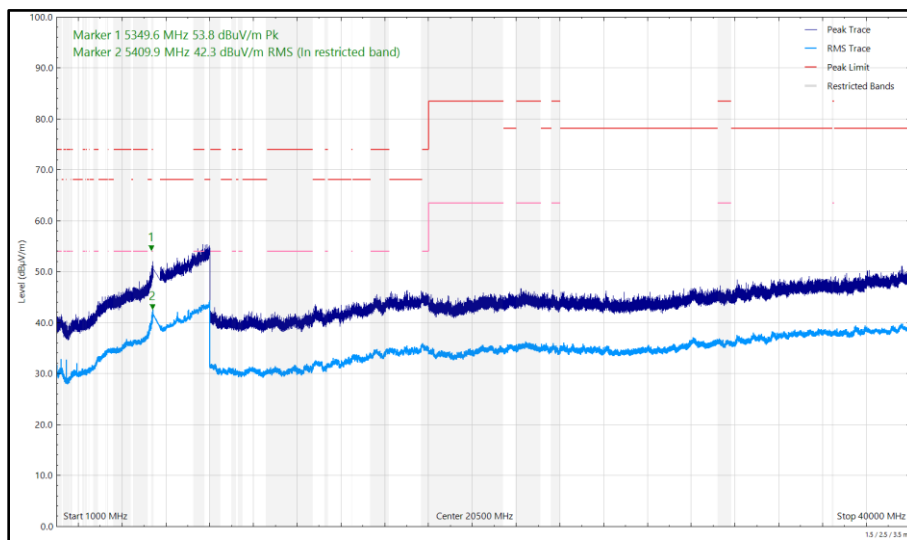


Figure 653 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

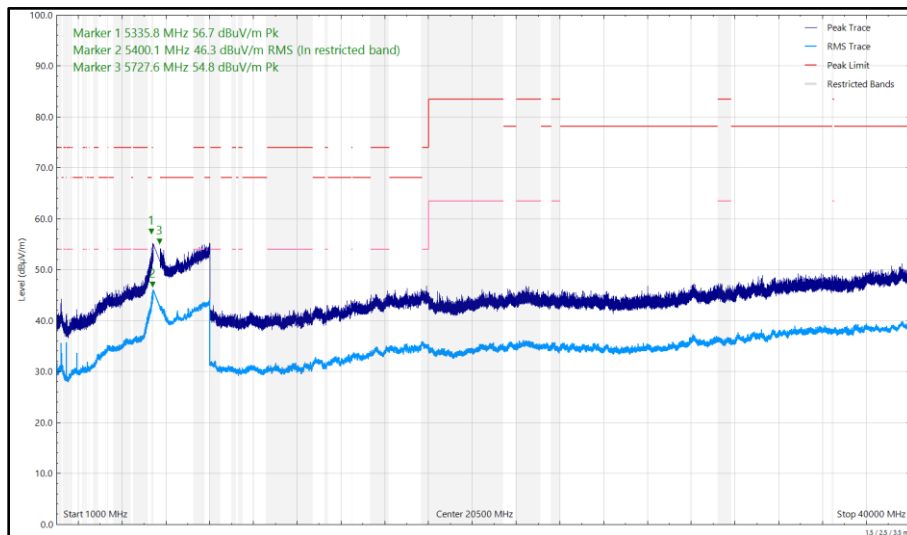


Figure 654 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5398.491	40.87	54.00	-13.13	RMS	291	392	Horizontal
5404.746	44.05	54.00	-9.95	RMS	351	329	Vertical
5467.671	55.67	68.20	-12.53	Peak	353	297	Vertical
5761.308	58.70	68.20	-9.50	Peak	355	276	Vertical

Table 725 - 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.

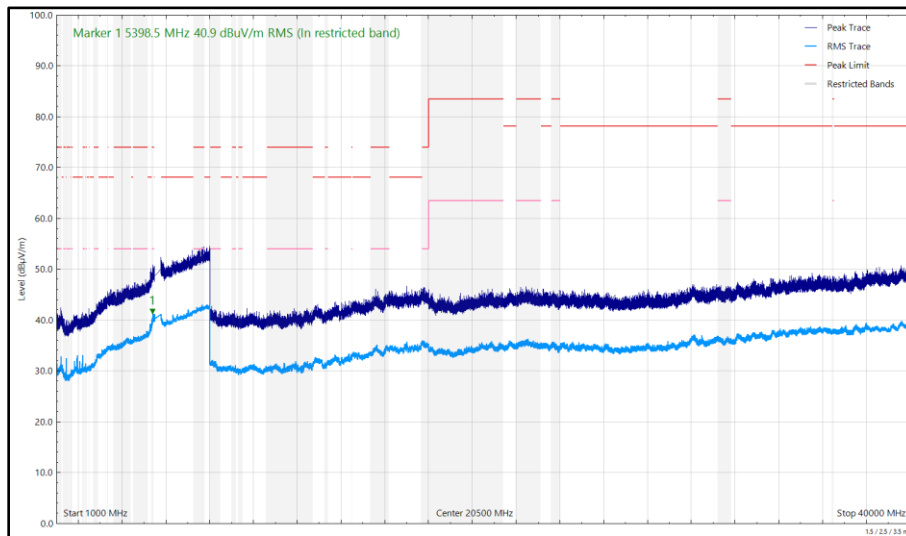


Figure 655 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

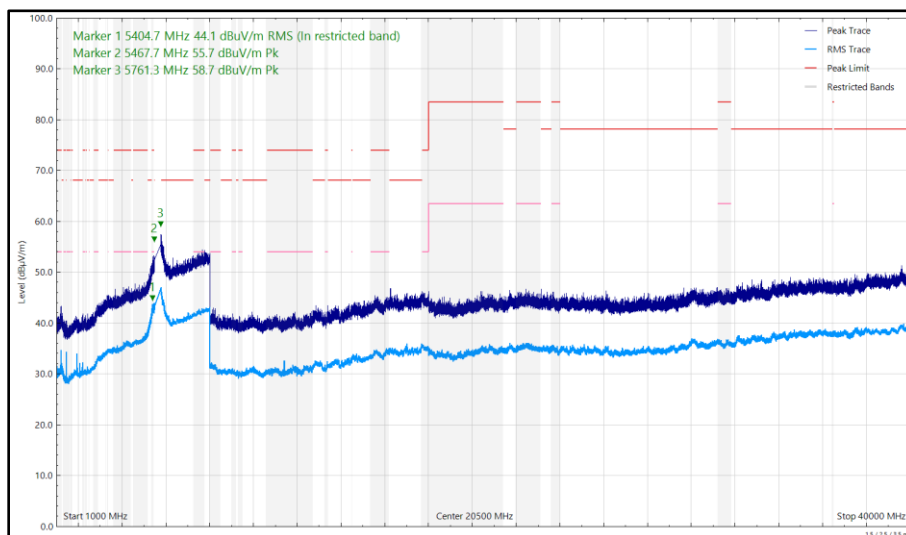


Figure 656 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5403.738	40.21	54.00	-13.79	RMS	298	369	Horizontal
5405.920	43.48	54.00	-10.52	RMS	352	329	Vertical
5623.343	55.57	68.20	-12.63	Peak	5	245	Vertical
5856.444	57.51	68.20	-10.69	Peak	353	270	Vertical

Table 726 - 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.

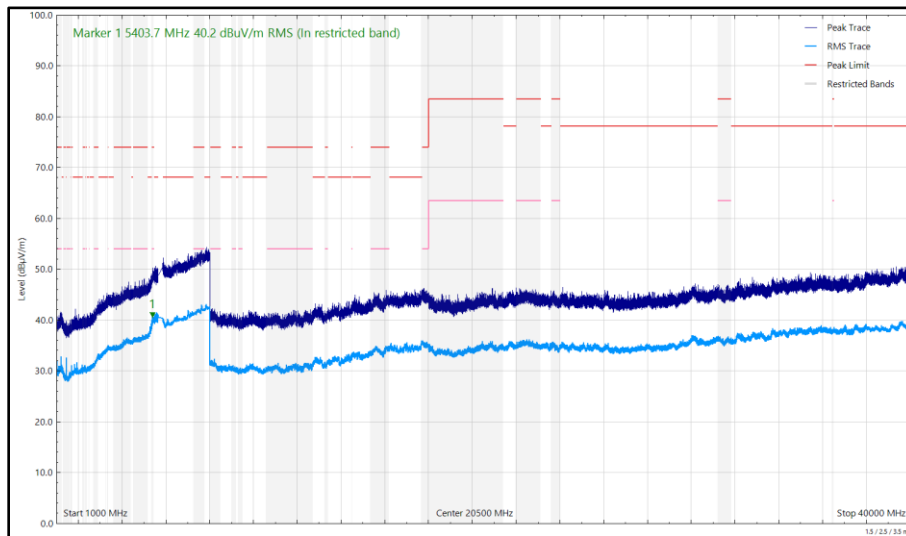


Figure 657 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

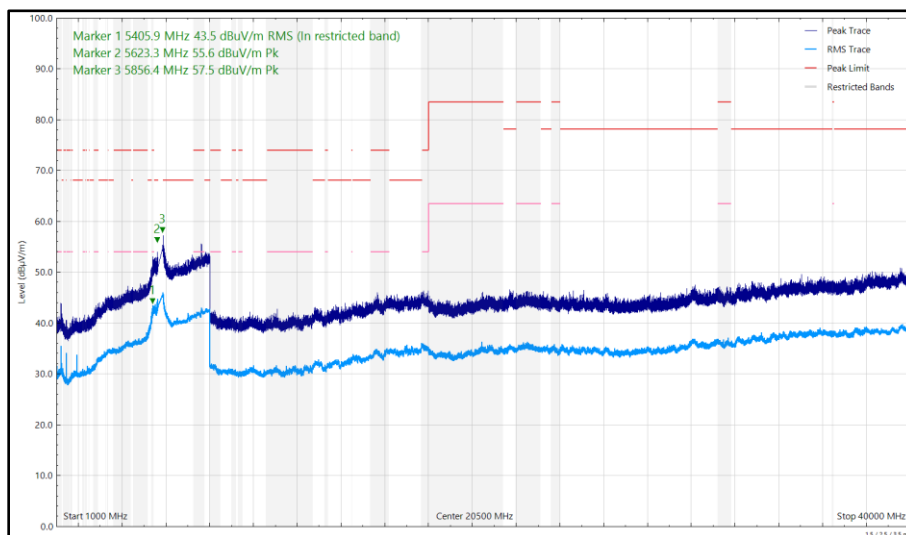


Figure 658 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical