

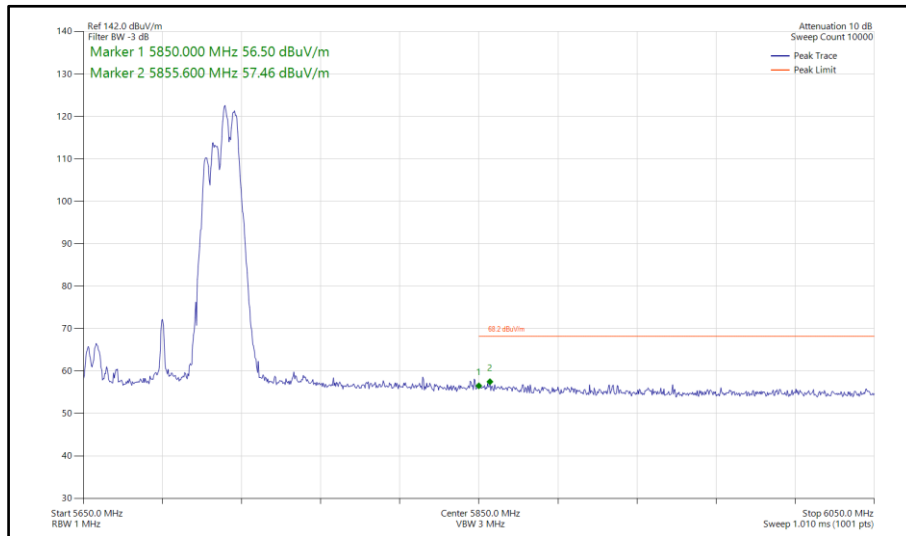


**Figure 1024 - 802.11ax HE80, RU106-60, SDM, Core 0-1 - 5690 MHz
Band Edge Frequency 5850 MHz**

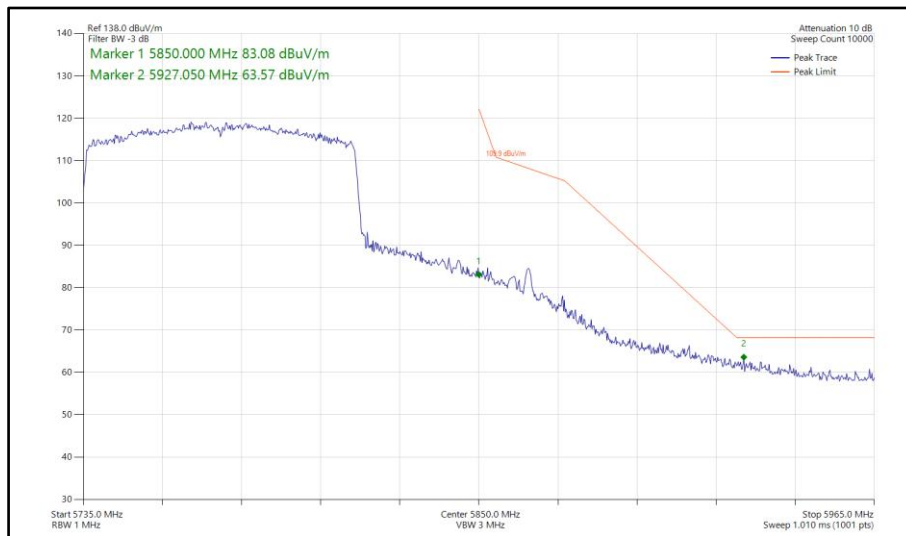


**Figure 1025 - 802.11ax HE80, SU, SDM, Core 0-1 - 5775 MHz
Band Edge Frequency 5850 MHz**

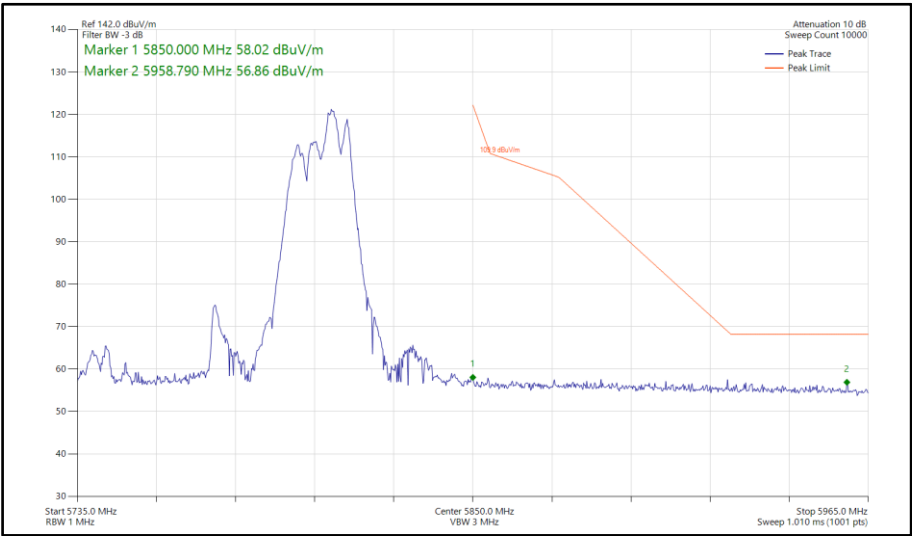


Figure 1026 - 802.11ax HE80, RU106-60, SDM, Core 0-1 - 5775 MHz
Band Edge Frequency 5850 MHz

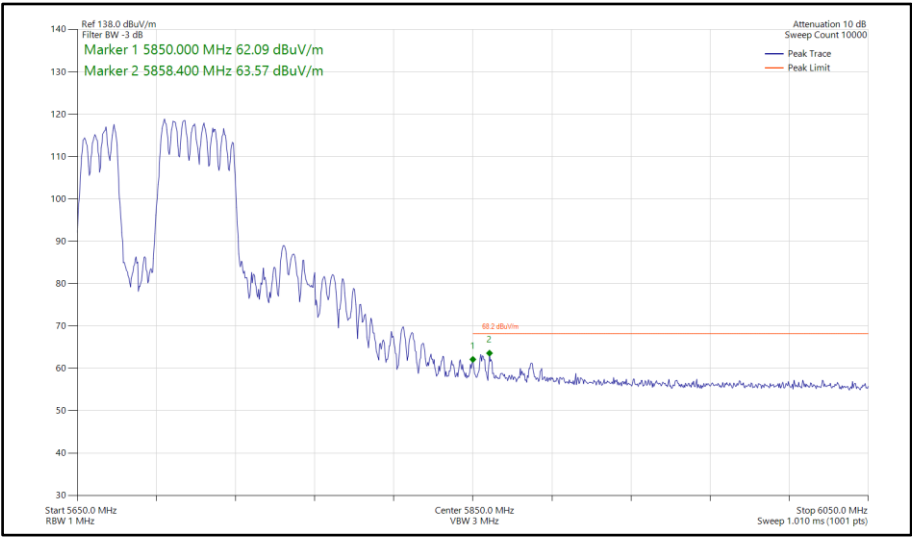


Figure 1027 - 802.11be EHT80, RU484+242-91, SDM, Core 0-1 - 5690 MHz
Band Edge Frequency 5850 MHz

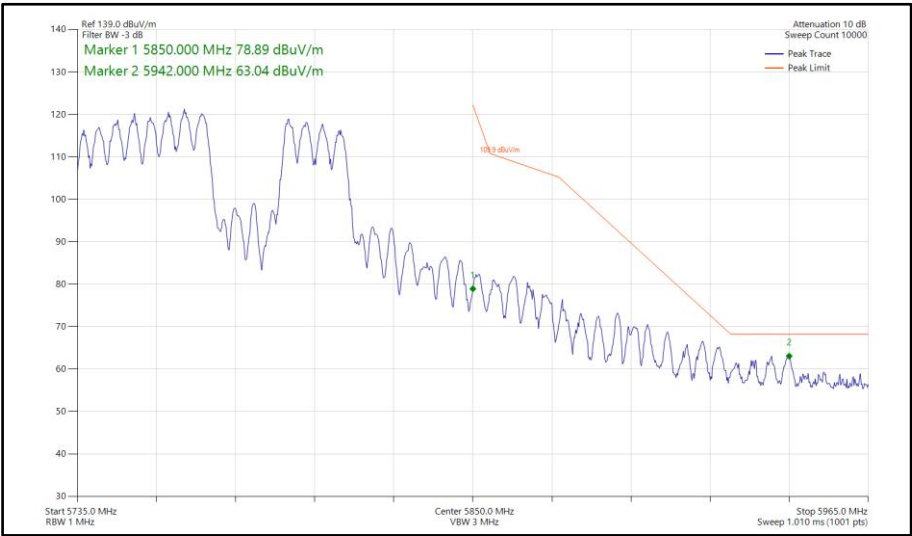


Figure 1028 - 802.11be EHT80, RU484+242-92, SDM, Core 0-1 - 5775 MHz
Band Edge Frequency 5850 MHz



80 MHz Bandwidth - Core 0-1 (TxBF)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)
802.11ac VHT80	MCS 9x1	-	-	5530	5470	63.56
802.11ax HE80	MCS 2x1	SU	-	5530	5470	63.63
802.11ac VHT80	MCS 4x1	-	-	5775	5725	63.51
802.11ax HE80	MCS 11x1	SU	-	5775	5725	63.46
802.11ac VHT80	MCS 4x1	-	-	5610	5725	63.67
802.11ax HE80	MCS 2x1	SU	-	5610	5725	63.59
802.11ac VHT80	MCS 9x1	-	-	5690	5850	63.02
802.11ac VHT80	MCS 9x1	-	-	5775	5850	63.44
802.11ax HE80	MCS 11x1	SU	-	5690	5850	63.14
802.11ax HE80	MCS 2x1	SU	-	5775	5850	62.87

Table 1653 - TxBF Authorised Band Edge Results

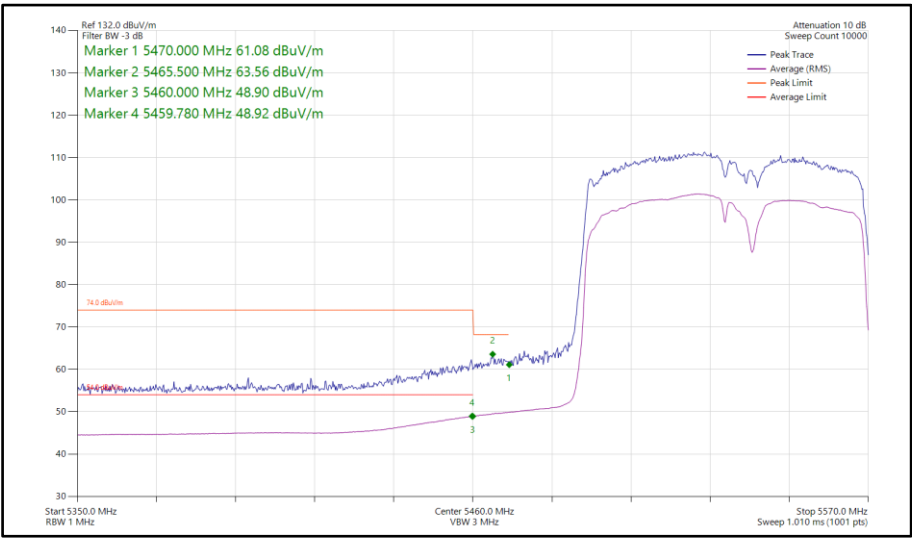


Figure 1029 - 802.11ac VHT80, TxBF, Core 0-1 - 5530 MHz
Band Edge Frequency 5470 MHz

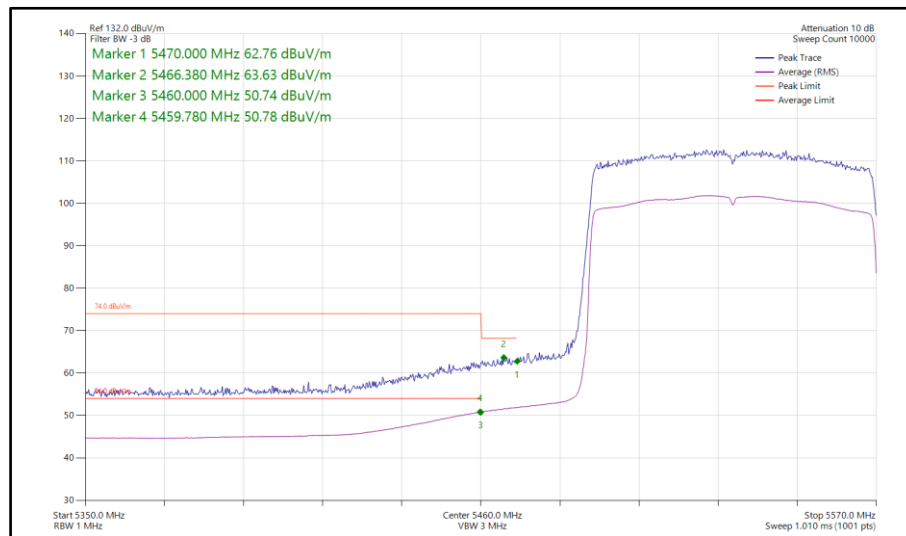


**Figure 1030 - 802.11ax HE80, SU, TxBF, Core 0-1 - 5530 MHz
Band Edge Frequency 5470 MHz**

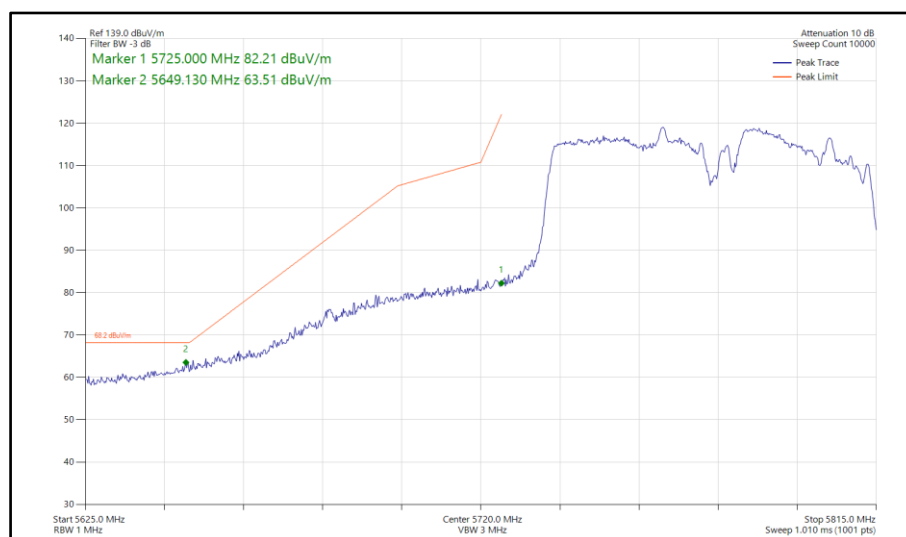


**Figure 1031 - 802.11ac VHT80, TxBF, Core 0-1 - 5775 MHz
Band Edge Frequency 5725 MHz**

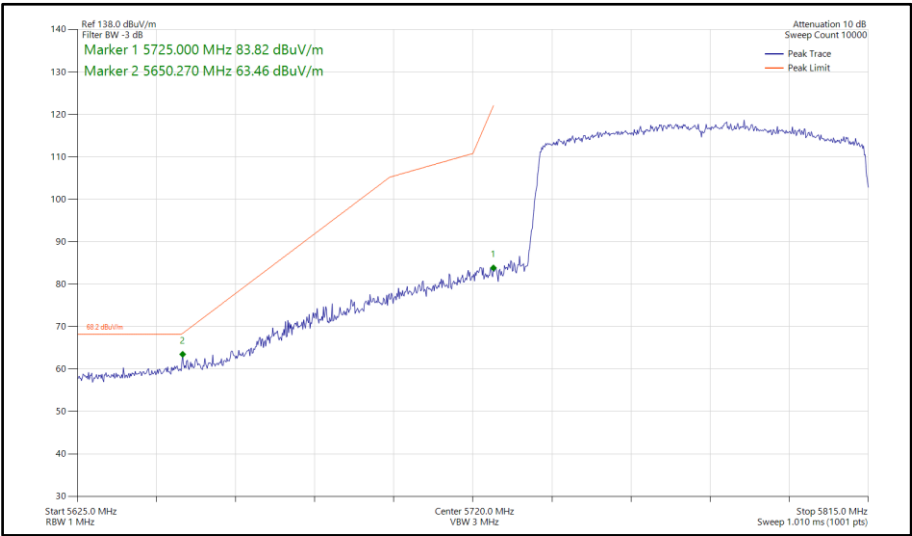


Figure 1032 - 802.11ax HE80, SU, TxBF, Core 0-1 - 5775 MHz
Band Edge Frequency 5725 MHz

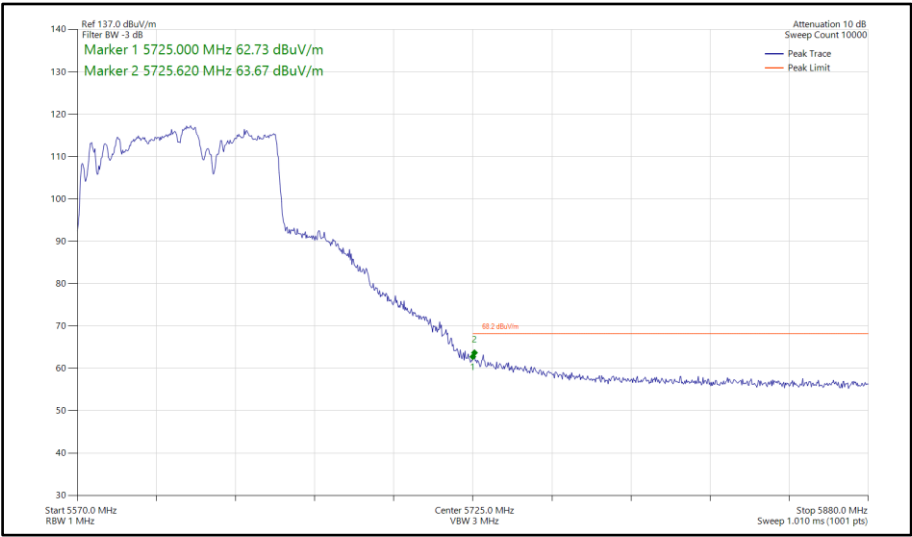


Figure 1033 - 802.11ac VHT80, TxBF, Core 0-1 - 5610 MHz
Band Edge Frequency 5725 MHz

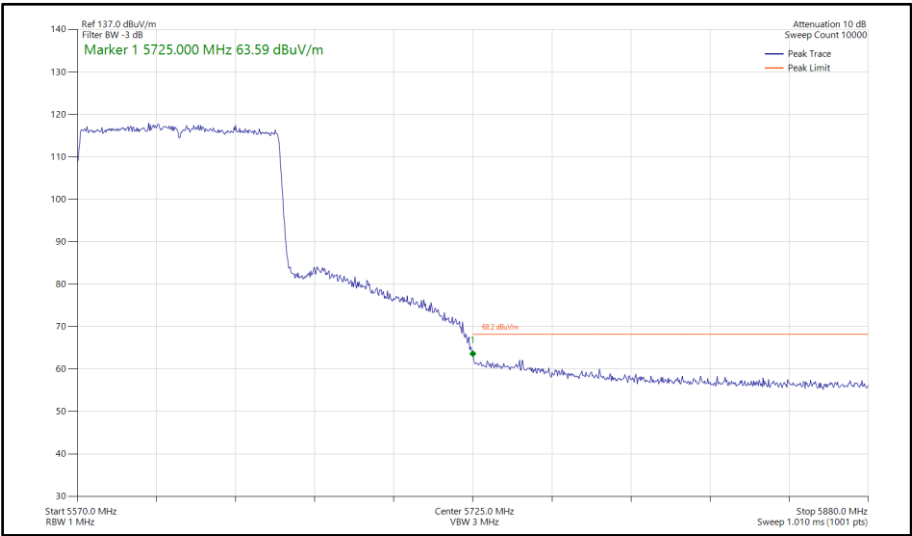


Figure 1034 - 802.11ax HE80, SU, TxBF, Core 0-1 - 5610 MHz
Band Edge Frequency 5725 MHz

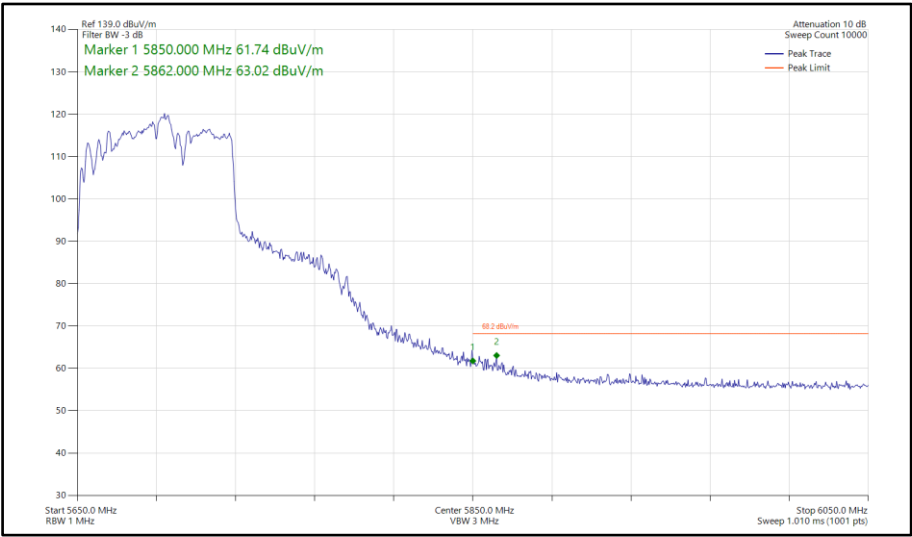


Figure 1035 - 802.11ac VHT80, TxBF, Core 0-1 - 5690 MHz
Band Edge Frequency 5850 MHz

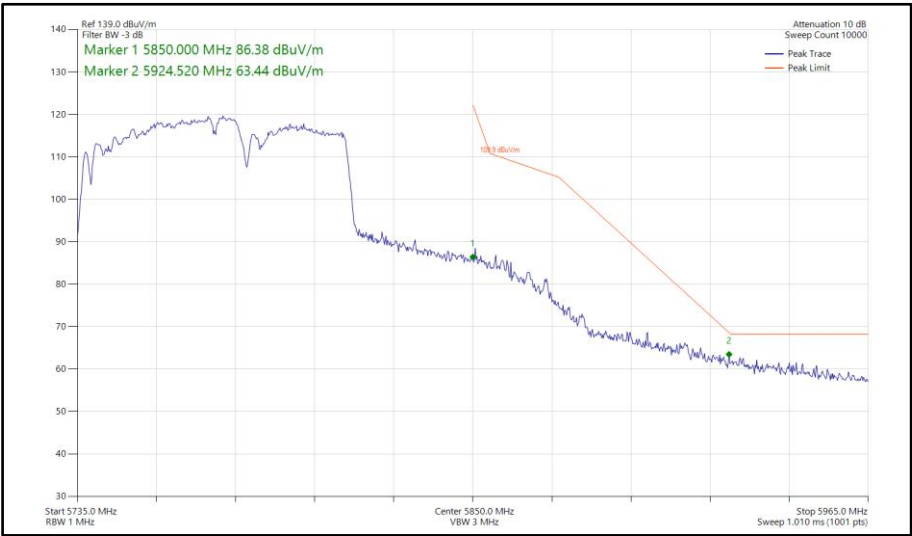


Figure 1036 - 802.11ac VHT80, TxBF, Core 0-1 - 5775 MHz
Band Edge Frequency 5850 MHz

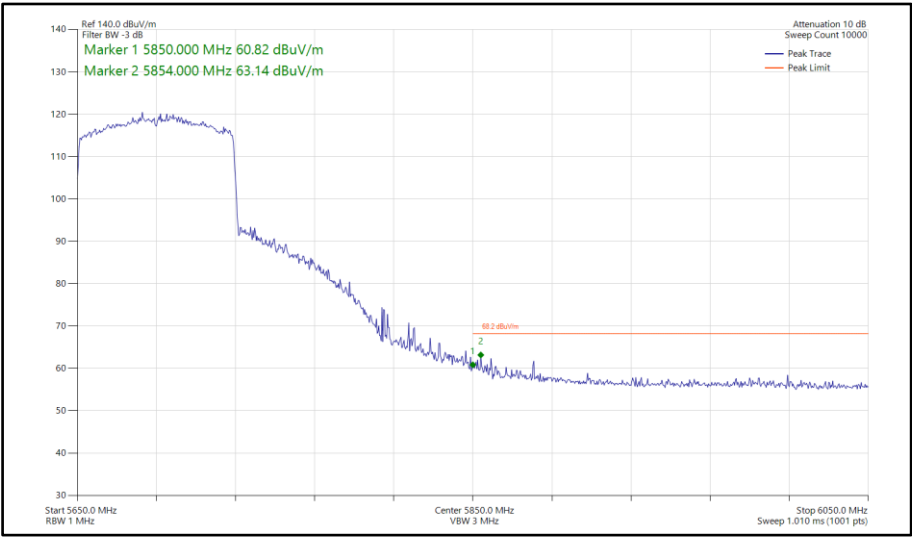


Figure 1037 - 802.11ax HE80, SU, TxBF, Core 0-1 - 5690 MHz
Band Edge Frequency 5850 MHz

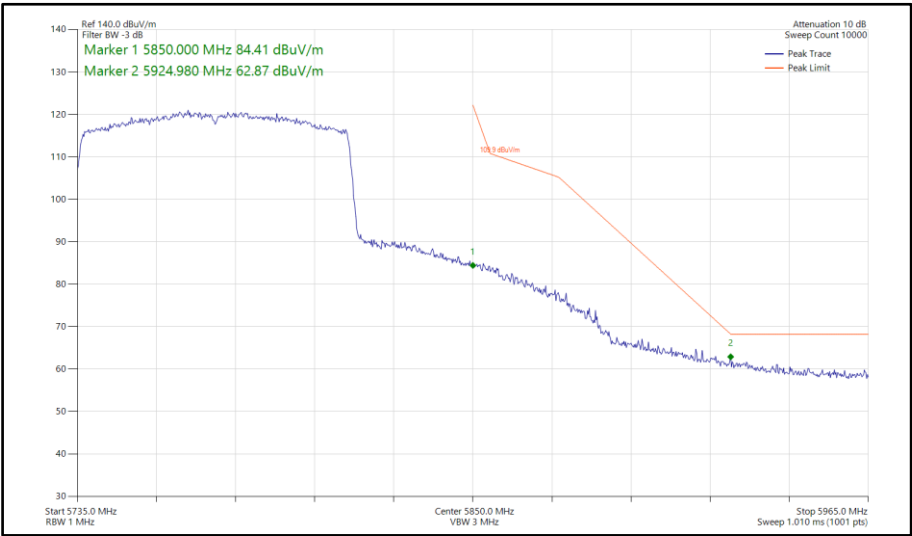


Figure 1038 - 802.11ax HE80, SU, TxBF, Core 0-1 - 5775 MHz
Band Edge Frequency 5850 MHz

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)
802.11a a160	54 Mbps	-	-	5570	5470	63.60
802.11ac VHT160	MCS 9x1	-	-	5570	5470	63.35
802.11ax HE160	MCS 11x1	SU	-	5570	5470	63.55
802.11ax HE160	MCS 11x1	106	53P	5570	5470	58.05
802.11be EHT160	MCS 9x1	484+242	92S	5570	5470	63.66
802.11a a160	24 Mbps	-	-	5570	5725	63.25
802.11ac VHT160	MCS 2x1	-	-	5570	5725	63.38
802.11ax HE160	MCS 2x1	SU	-	5570	5725	63.56
802.11ax HE160	MCS 11x1	106	60S	5570	5725	55.72
802.11be EHT160	MCS 9x1	996+484+242	99P	5570	5725	63.67

Table 1654 - SISO Authorised Band Edge Results

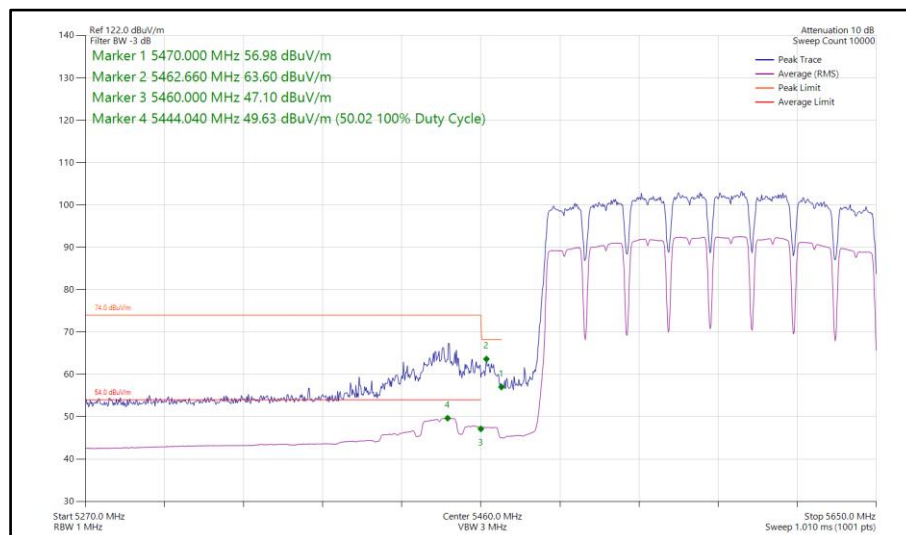


Figure 1039 - 802.11a a160, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5470 MHz

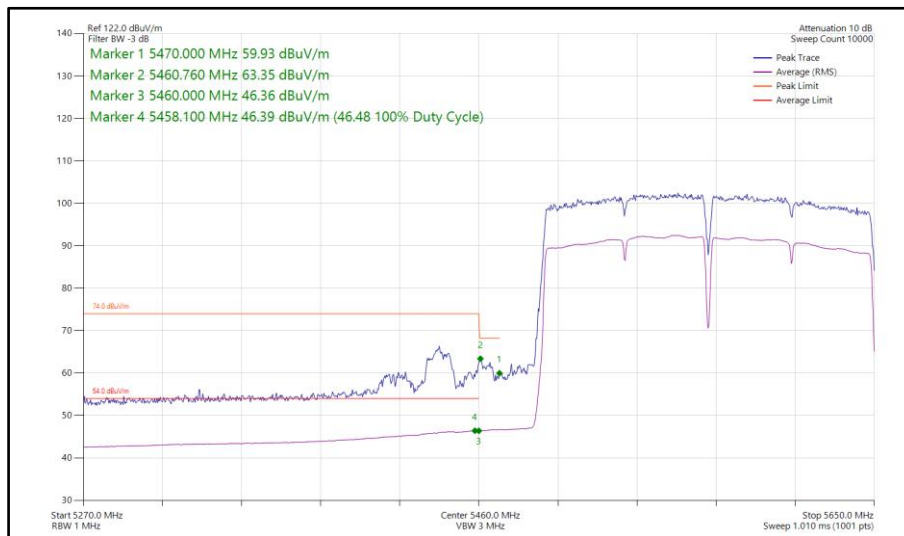


**Figure 1040 - 802.11ac VHT160, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5470 MHz**

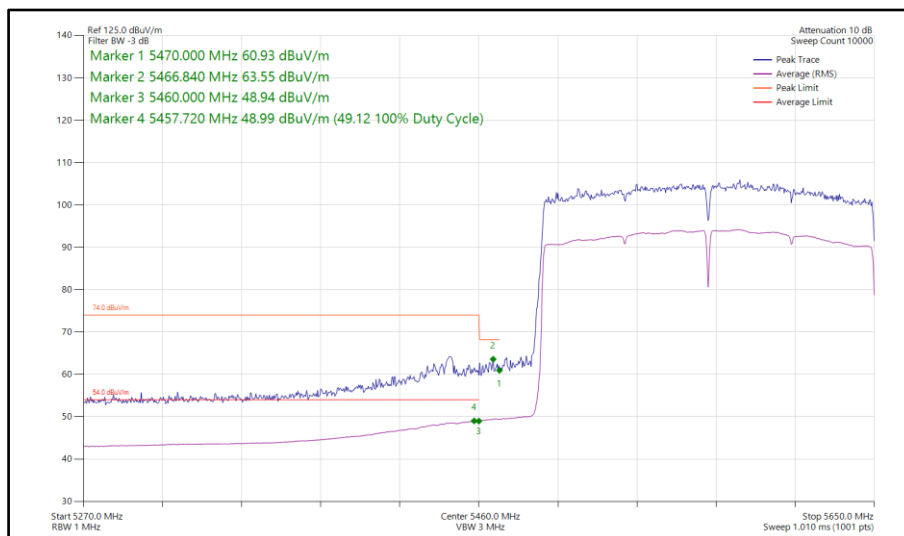


**Figure 1041 - 802.11ax HE160, SU, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5470 MHz**

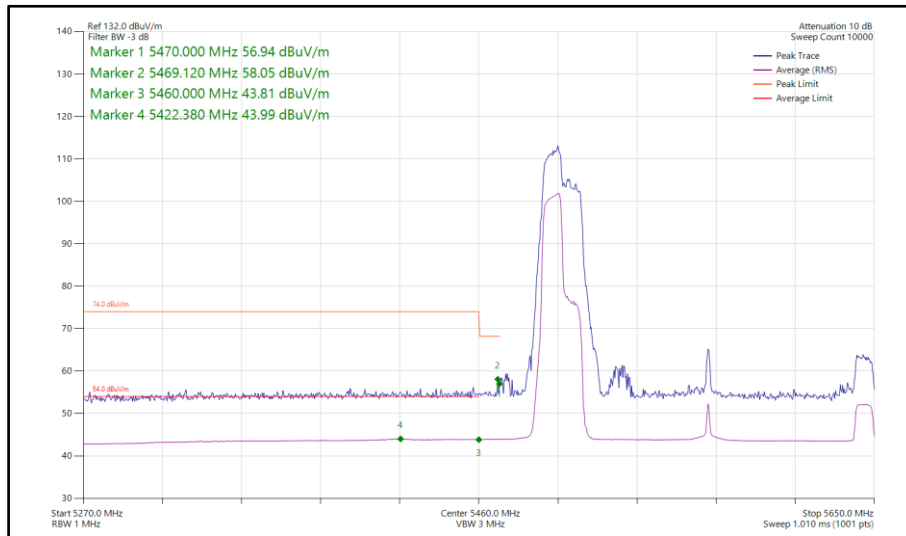


**Figure 1042 - 802.11ax HE160, RU106-53P, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5470 MHz**

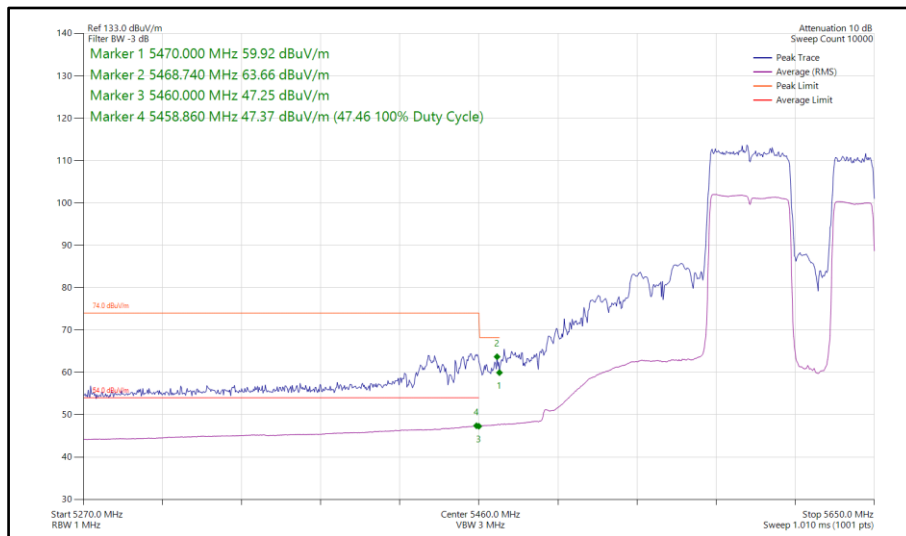


**Figure 1043 - 802.11be EHT160, RU484+242-92S, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5470 MHz**

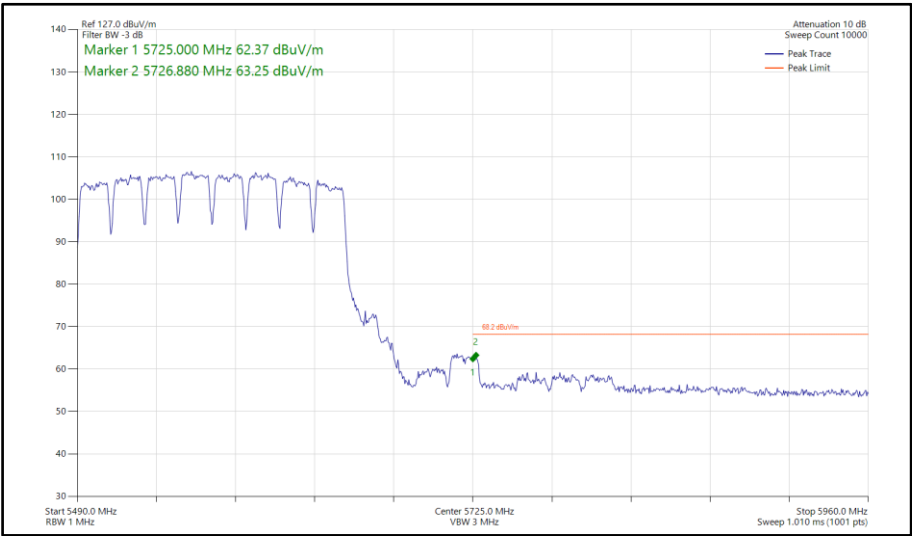


Figure 1044 - 802.11a a160, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5725 MHz

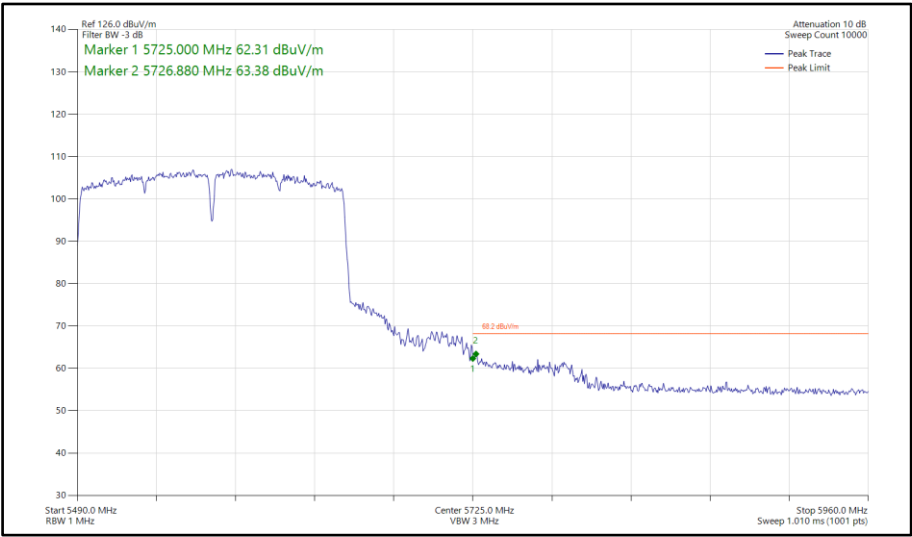


Figure 1045 - 802.11ac VHT160, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5725 MHz

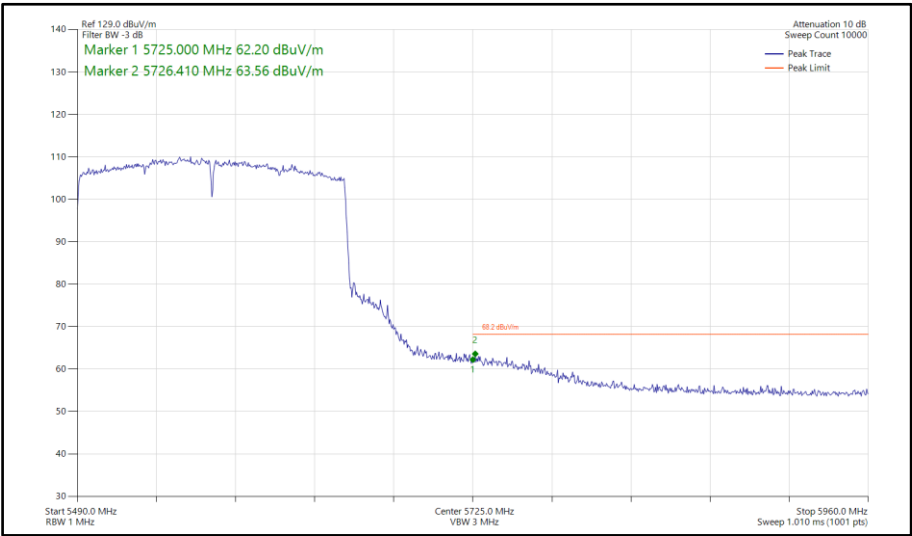


**Figure 1046 - 802.11ax HE160, SU, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5725 MHz**

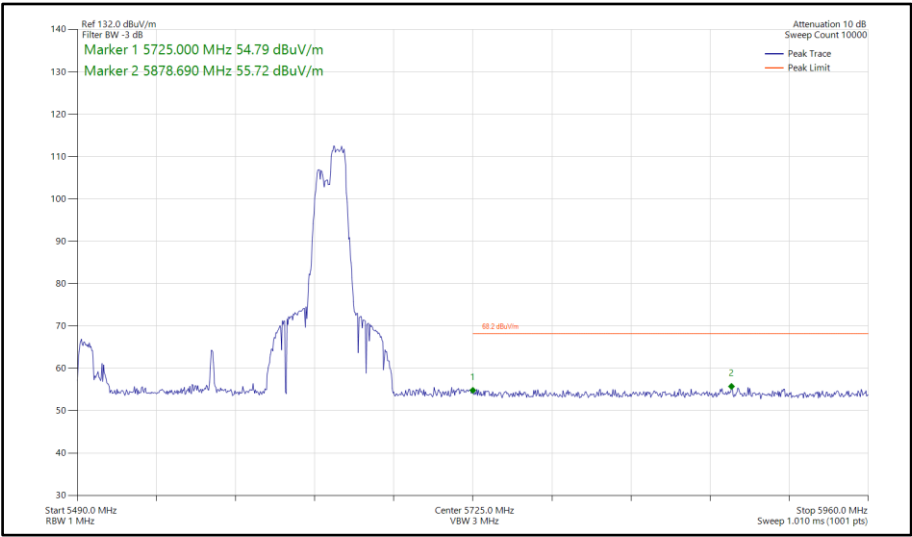


**Figure 1047 - 802.11ax HE160, RU106-60S, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5725 MHz**

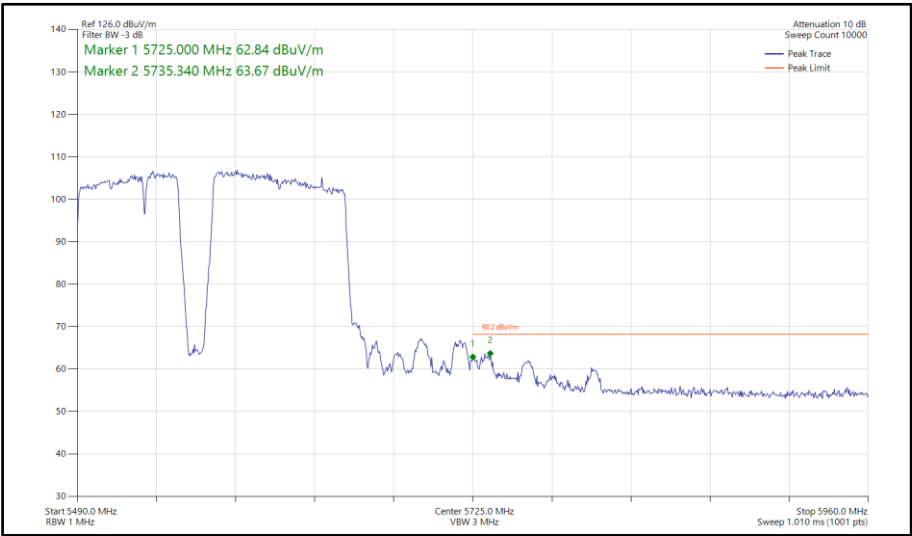


Figure 1048 - 802.11be EHT160, RU996+484+242-99P, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5725 MHz



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)
802.11a a160	54 Mbps	-	-	5570	5470	63.14
802.11ac VHT160	MCS 2x1	-	-	5570	5470	63.65
802.11ax HE160	MCS 4x1	SU	-	5570	5470	63.21
802.11ax HE160	MCS 11x1	52	37P	5570	5470	57.62
802.11be EHT160	MCS 9x1	996+484+242	96S	5570	5470	63.64
802.11a a160	12 Mbps	-	-	5570	5725	63.46
802.11ac VHT160	MCS 9x1	-	-	5570	5725	63.59
802.11ax HE160	MCS 4x1	SU	-	5570	5725	63.56
802.11ax HE160	MCS 11x1	106	60S	5570	5725	55.69
802.11be EHT160	MCS 9x1	996+484+242	99P	5570	5725	63.70

Table 1655 - SISO Authorised Band Edge Results

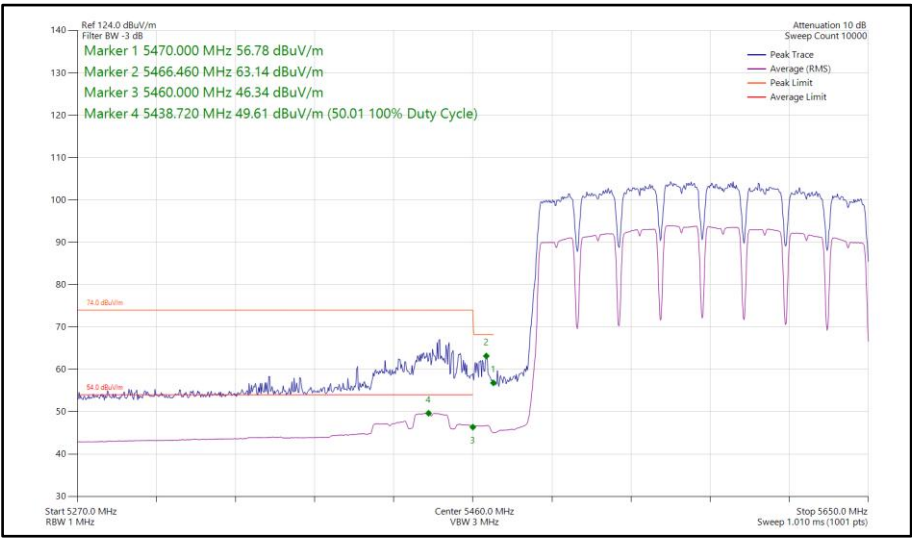


Figure 1049 - 802.11a a160, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz

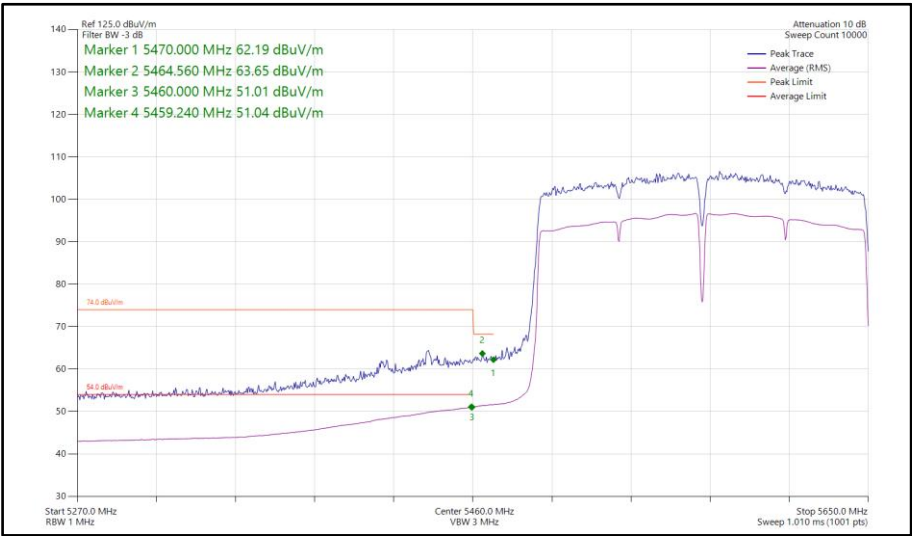


Figure 1050 - 802.11ac VHT160, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz

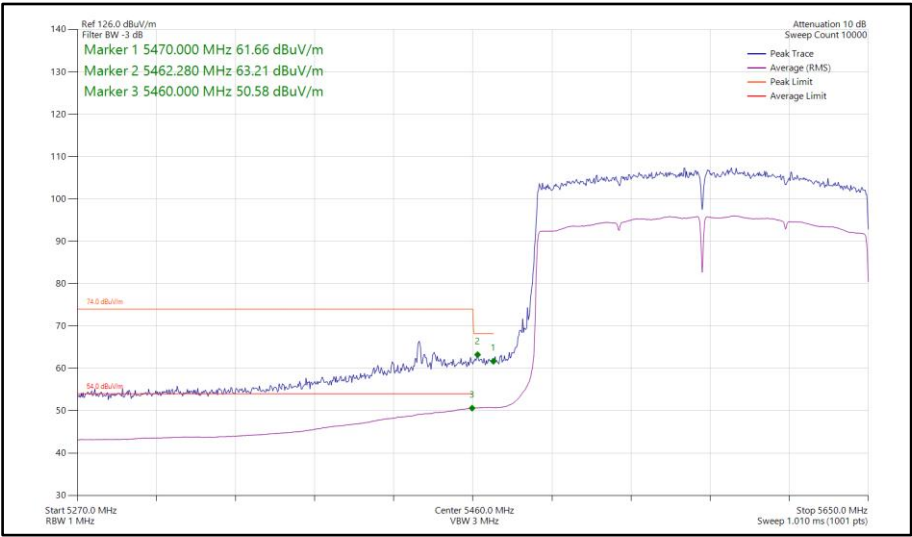


Figure 1051 - 802.11ax HE160, SU, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz



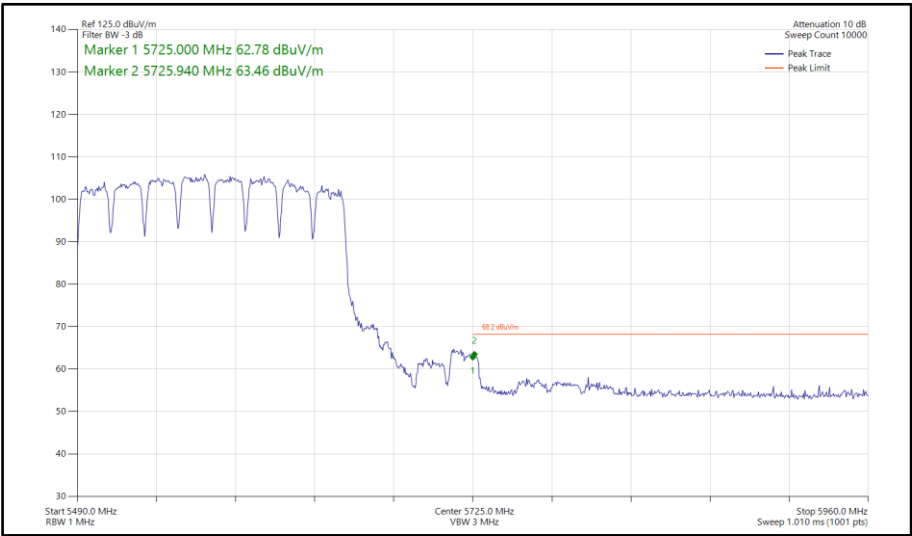


Figure 1054 - 802.11a a160, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz

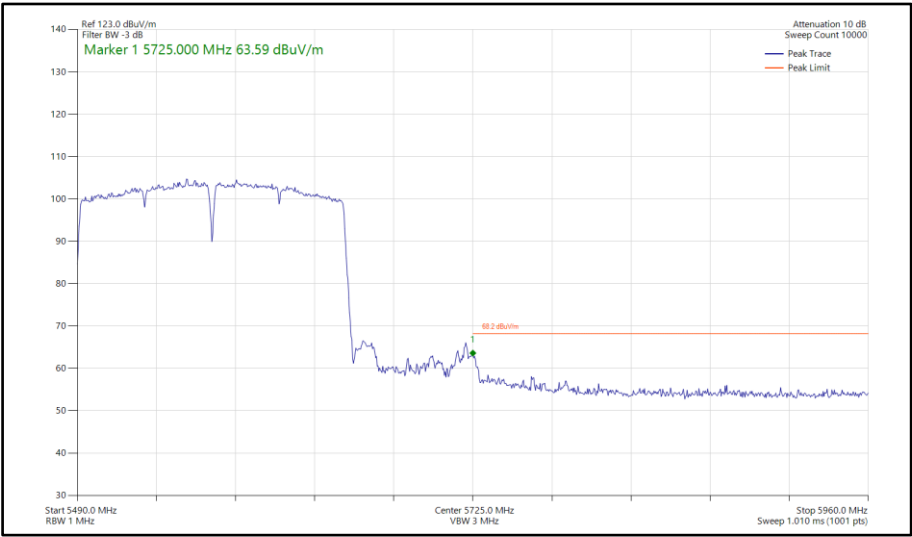


Figure 1055 - 802.11ac VHT160, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz

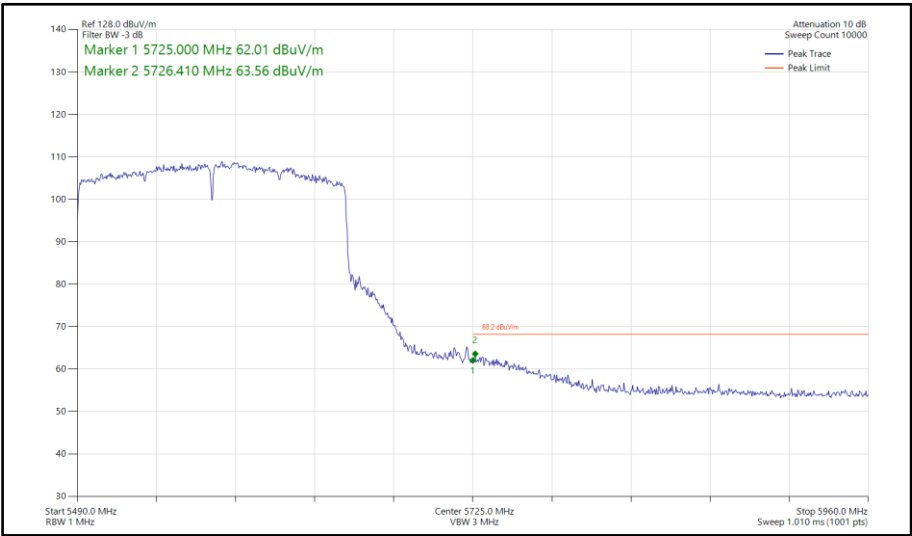


Figure 1056 - 802.11ax HE160, SU, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz

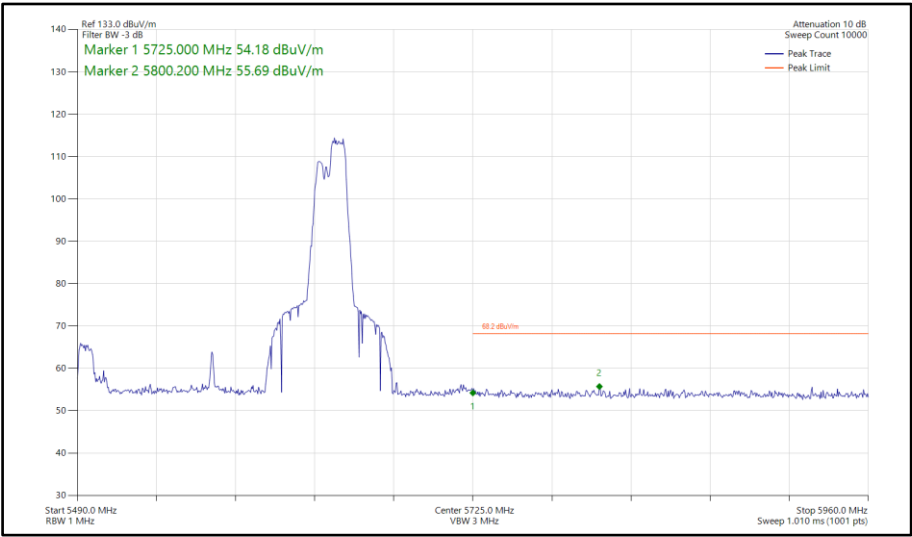


Figure 1057 - 802.11ax HE160, RU106-60S, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz

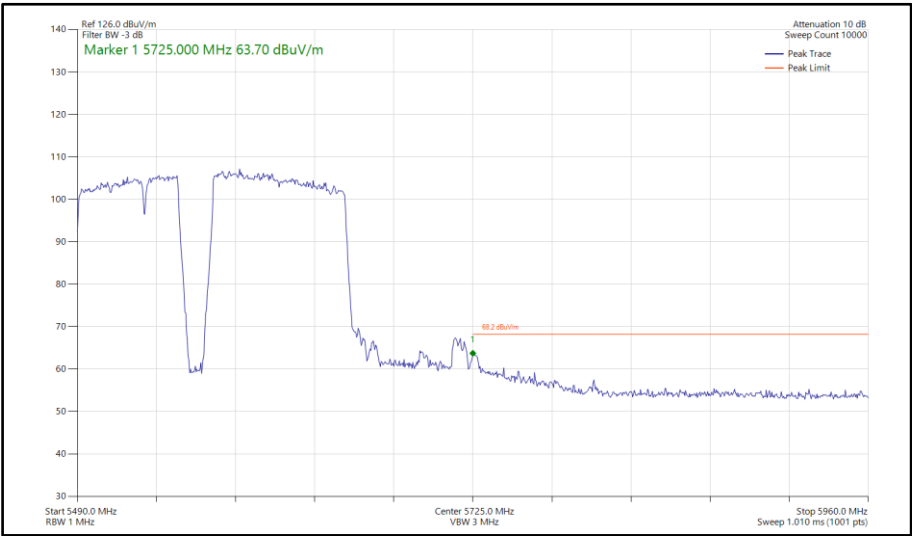


Figure 1058 - 802.11be EHT160, RU996+484+242-99P, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz



160 MHz Bandwidth - Core 0-1 (CDD)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)
802.11a a160	54 Mbps	-	-	5570	5470	61.68
802.11ac VHT160	MCS 9x1	-	-	5570	5470	63.80
802.11ax HE160	MCS 11x1	SU	-	5570	5470	62.11
802.11ax HE160	MCS 11x1	106	53P	5570	5470	60.30
802.11be EHT160	MCS 9x1	996+484	94S	5570	5470	63.47
802.11a a160	24 Mbps	-	-	5570	5725	63.44
802.11ac VHT160	MCS 4x1	-	-	5570	5725	63.54
802.11ax HE160	MCS 11x1	SU	-	5570	5725	63.68
802.11ax HE160	MCS 11x1	52	52S	5570	5725	57.25
802.11be EHT160	MCS 9x1	484+242	90S	5570	5725	63.70

Table 1656 - CDD Authorised Band Edge Results

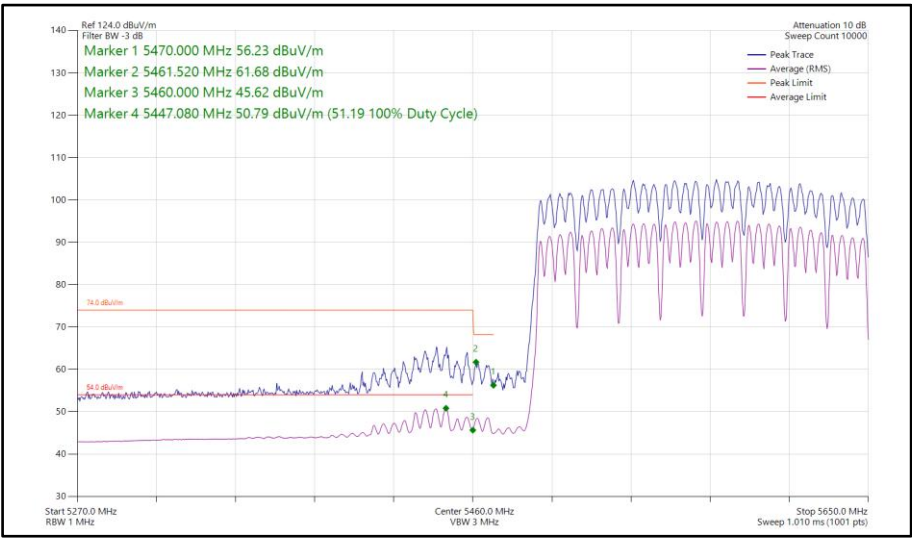


Figure 1059 - 802.11a a160, CDD, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz

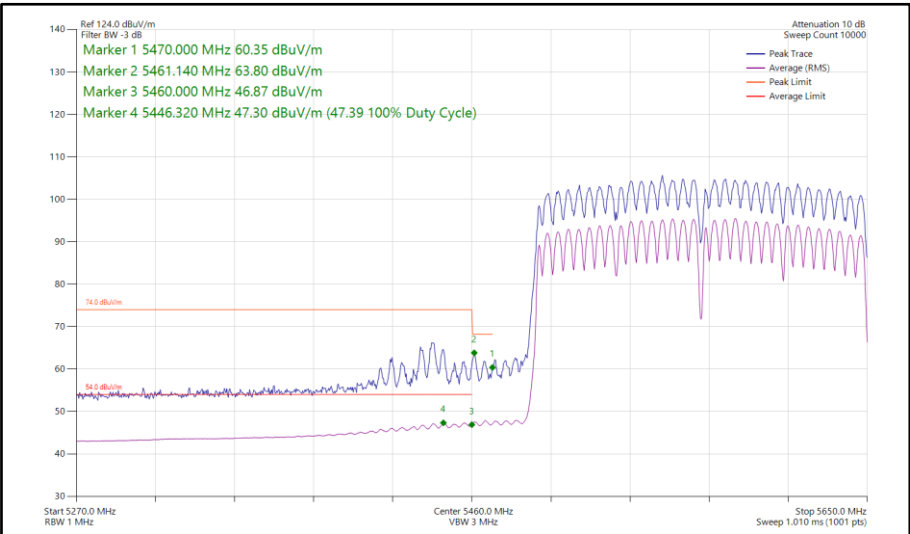


Figure 1060 - 802.11ac VHT160, CDD, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz

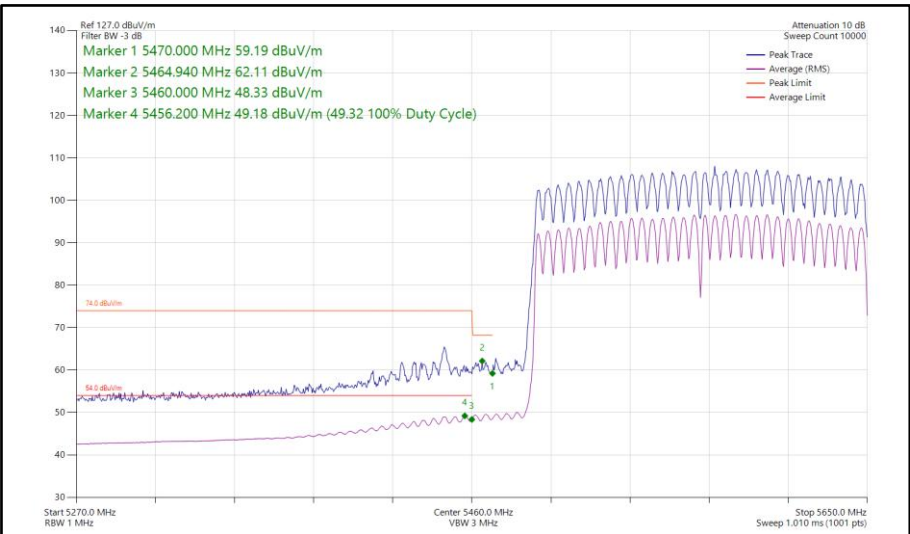


Figure 1061 - 802.11ax HE160, SU, CDD, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz

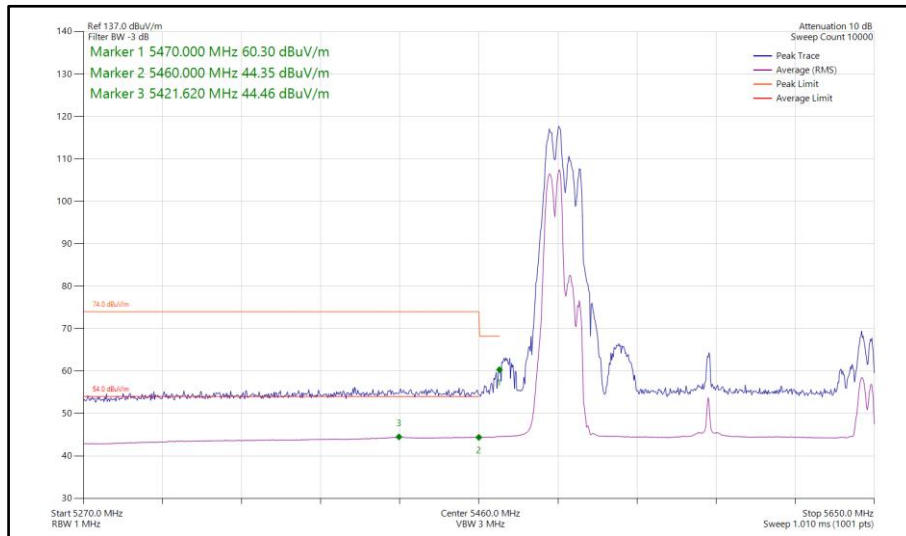


**Figure 1062 - 802.11ax HE160, RU106-53P, CDD, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz**

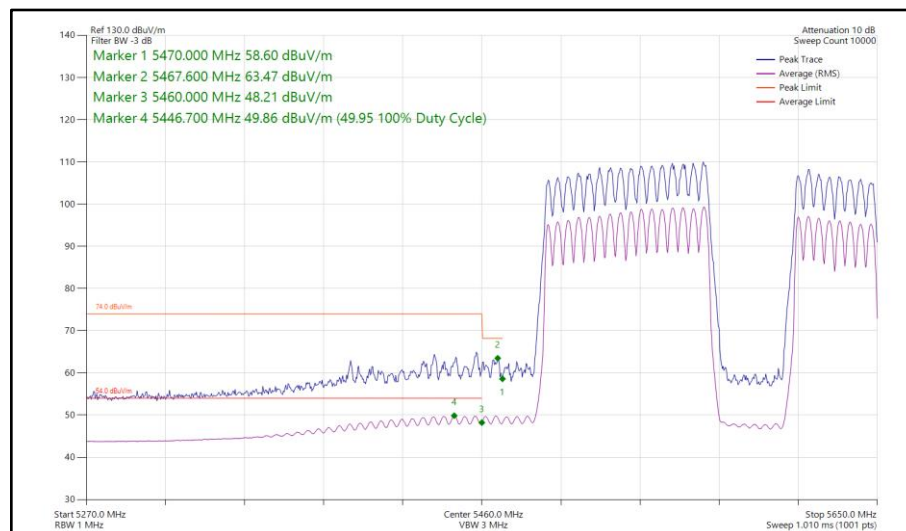


**Figure 1063 - 802.11be EHT160, RU996+484-94S, CDD, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz**

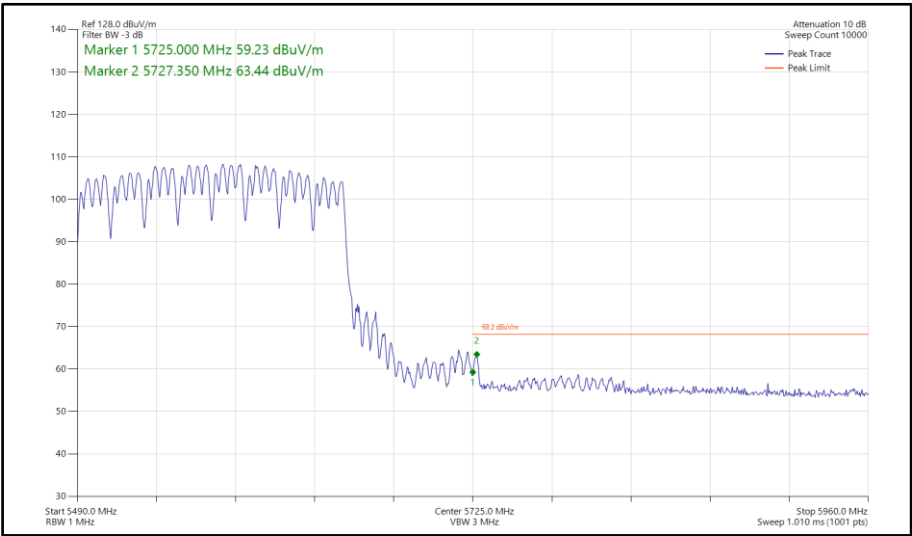


Figure 1064 - 802.11a a160, CDD, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz

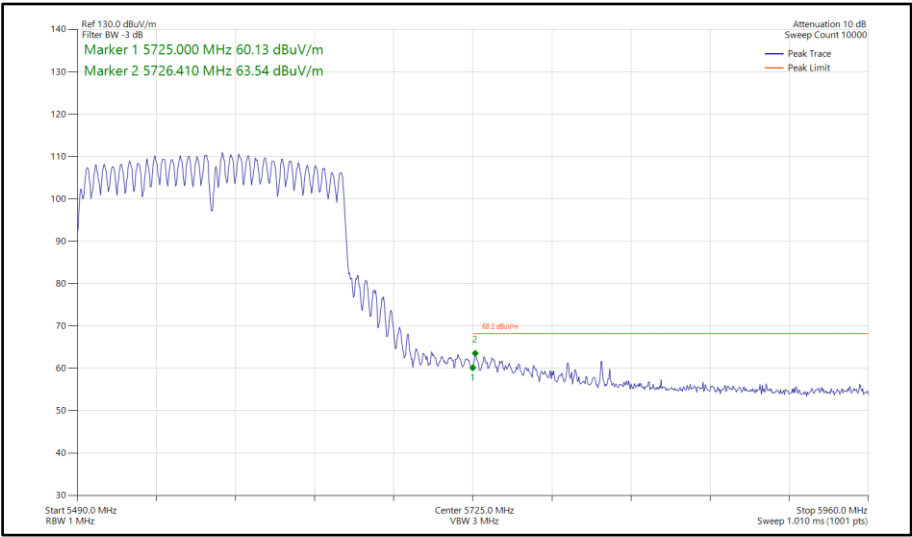


Figure 1065 - 802.11ac VHT160, CDD, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz

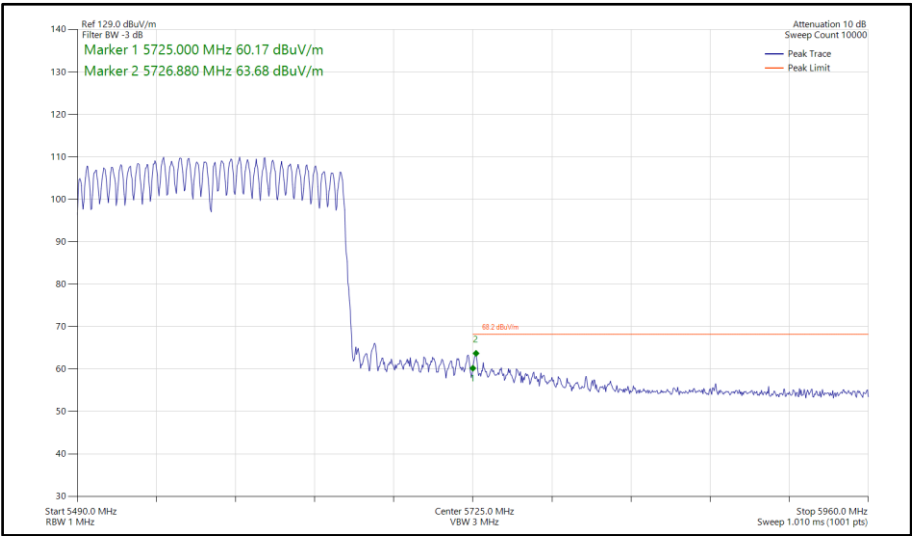


Figure 1066 - 802.11ax HE160, SU, CDD, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz

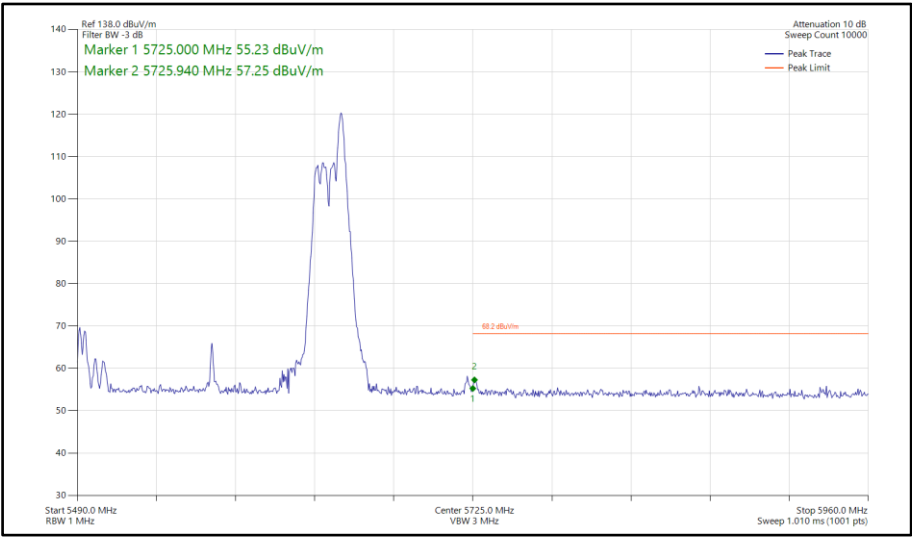


Figure 1067 - 802.11ax HE160, RU52-52S, CDD, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz

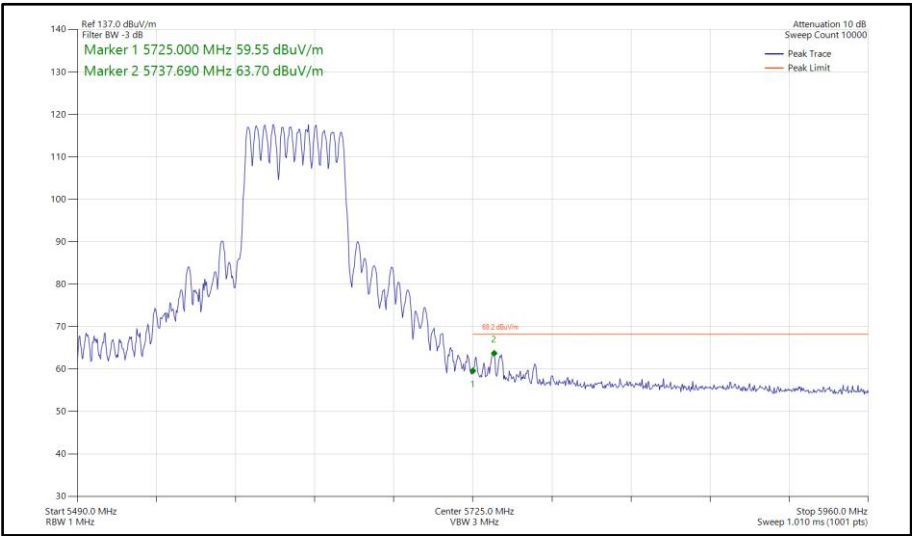


Figure 1068 - 802.11be EHT160, RU484+242-90S, CDD, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz



160 MHz Bandwidth - Core 0-1 (SDM)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)
802.11ac VHT160	MCS 4x2	-	-	5570	5470	63.32
802.11ax HE160	MCS 4x2	SU	-	5570	5470	63.52
802.11ax HE160	MCS 11x2	52	52S	5570	5470	67.49
802.11be EHT160	MCS 9x2	996+484	94S	5570	5470	63.70
802.11ac VHT160	MCS 2x2	-	-	5570	5725	63.63
802.11ax HE160	MCS 2x2	SU	-	5570	5725	63.51
802.11ax HE160	MCS 11x2	106	53P	5570	5725	56.61
802.11be EHT160	MCS 9x2	996+484	94S	5570	5725	63.69

Table 1657 - SDM Authorised Band Edge Results

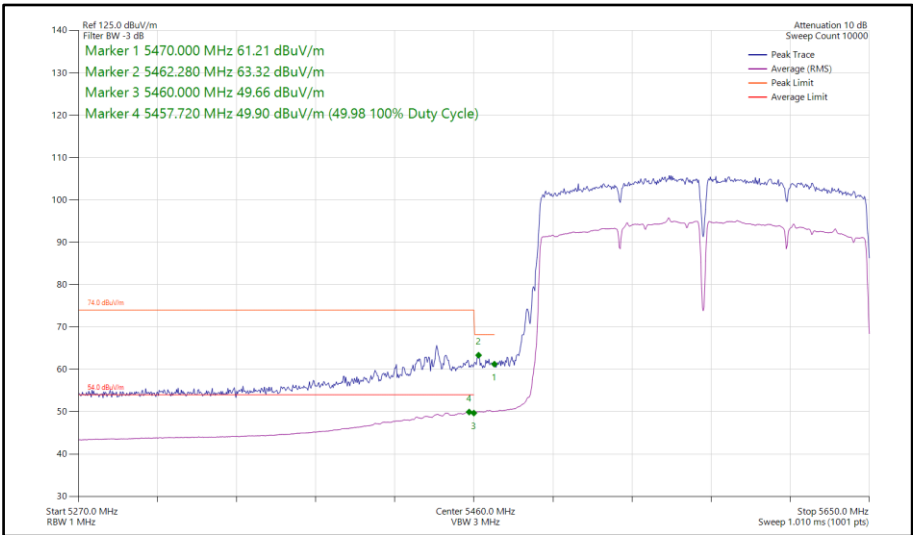


Figure 1069 - 802.11ac VHT160, SDM, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz

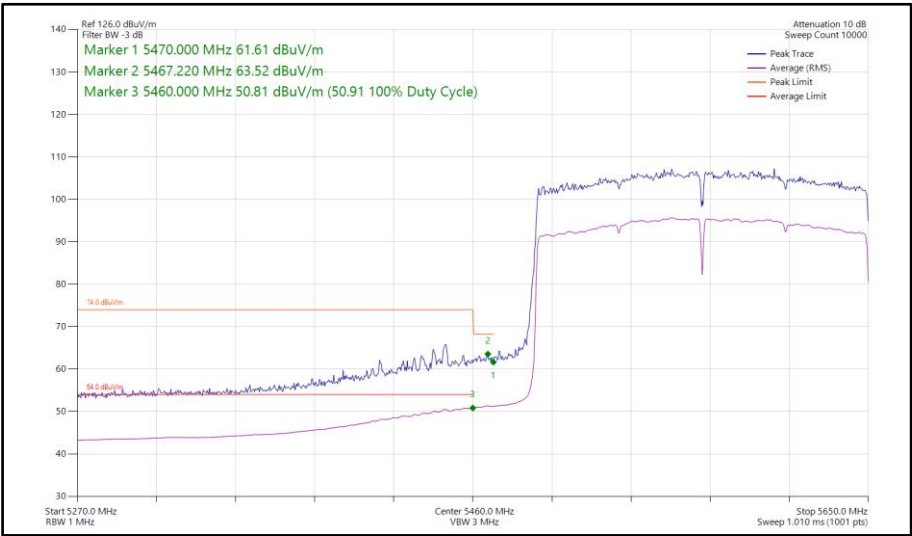


Figure 1070 - 802.11ax HE160, SU, SDM, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz

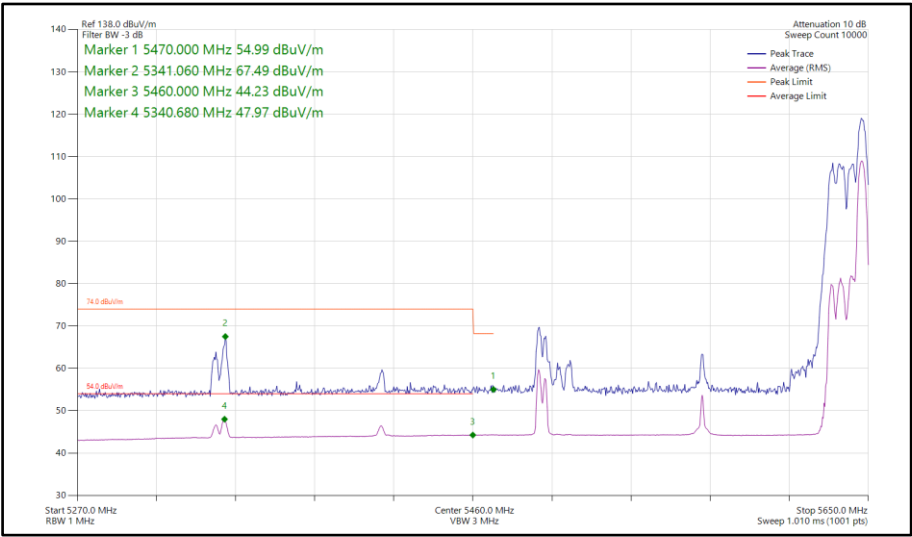


Figure 1071 - 802.11ax HE160, RU52-52S, SDM, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz

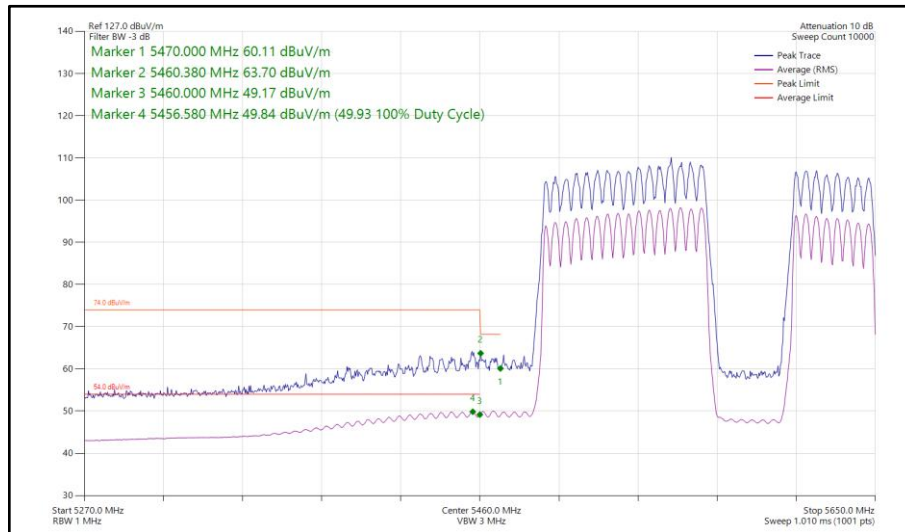


**Figure 1072 - 802.11be EHT160, RU996+484-94S, SDM, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz**

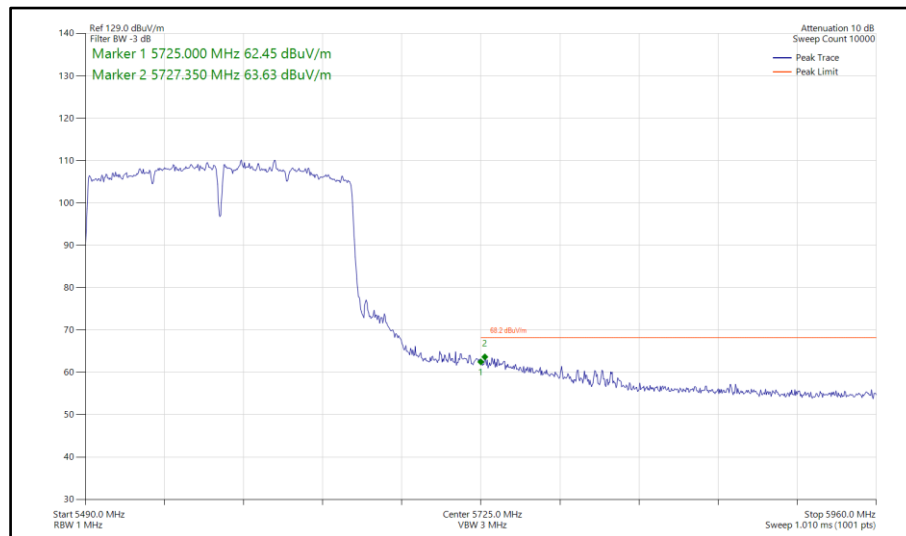


**Figure 1073 - 802.11ac VHT160, SDM, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz**

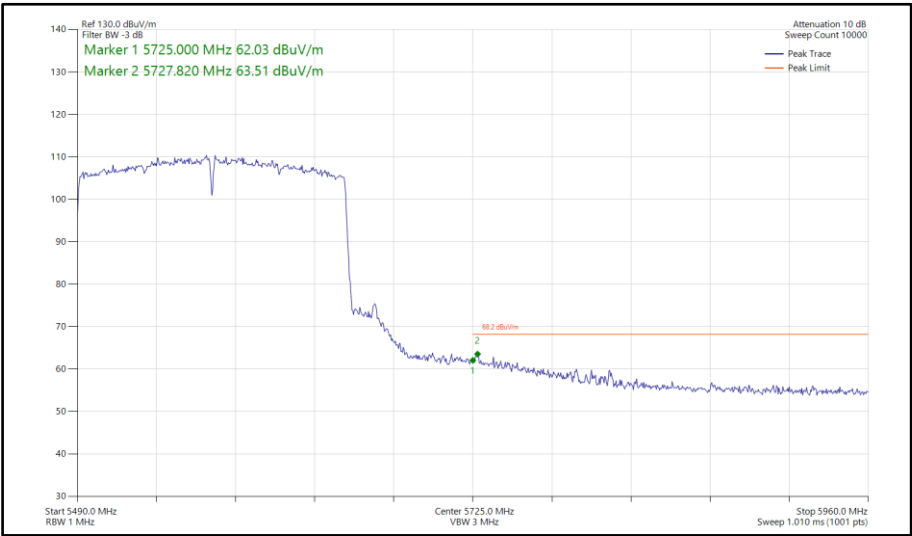


Figure 1074 - 802.11ax HE160, SU, SDM, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz

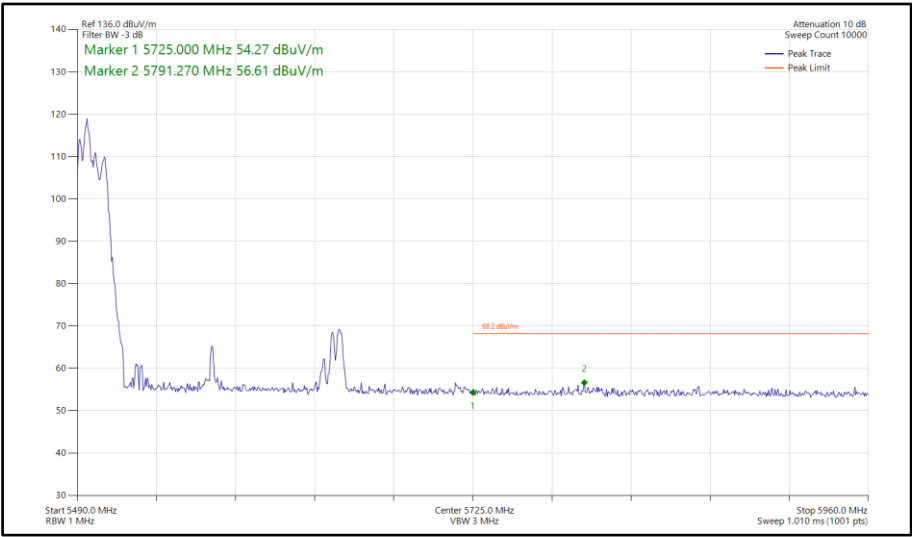


Figure 1075 - 802.11ax HE160, RU106-53P, SDM, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz

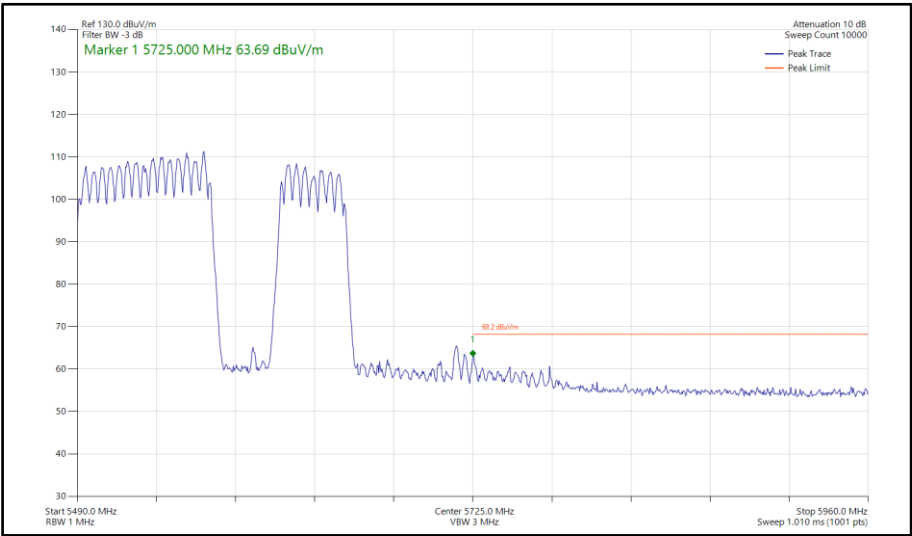


Figure 1076 - 802.11be EHT160, RU996+484-94S, SDM, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz



160 MHz Bandwidth - Core 0-1 (TxBF)

Mode	Data Rate/MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)
802.11ac VHT160	MCS 9x1	-	-	5570	5470	63.34
802.11ax HE160	MCS 4x1	SU	-	5570	5470	63.57
802.11ac VHT160	MCS 4x1	-	-	5570	5725	63.37
802.11ax HE160	MCS 4x1	SU	-	5570	5725	63.68

Table 1658 - TxBF Authorised Band Edge Results

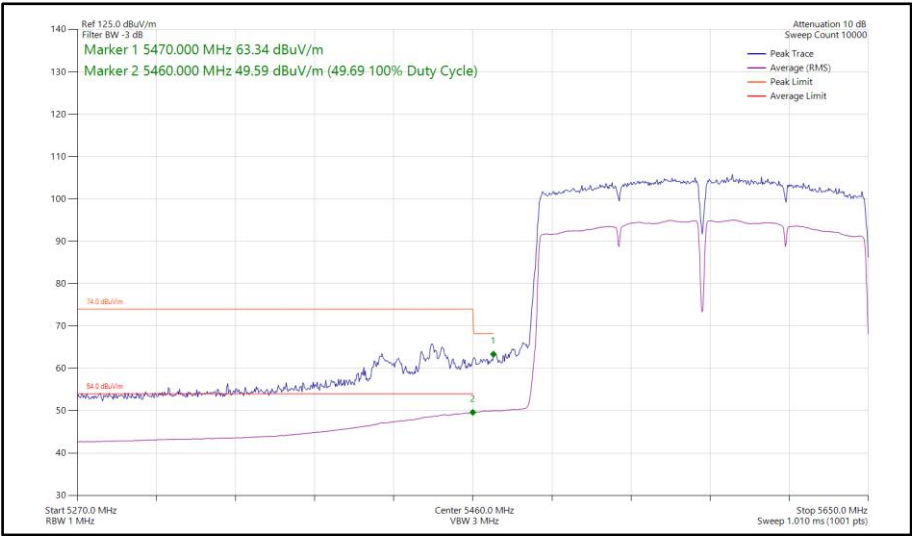


Figure 1077 - 802.11ac VHT160, TxBF, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz

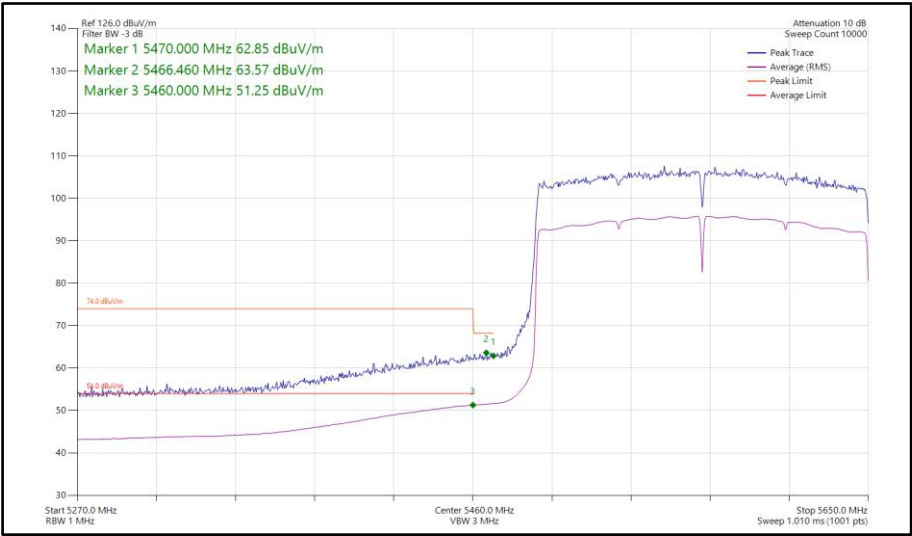


Figure 1078 - 802.11ax HE160, SU, TxBF, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz

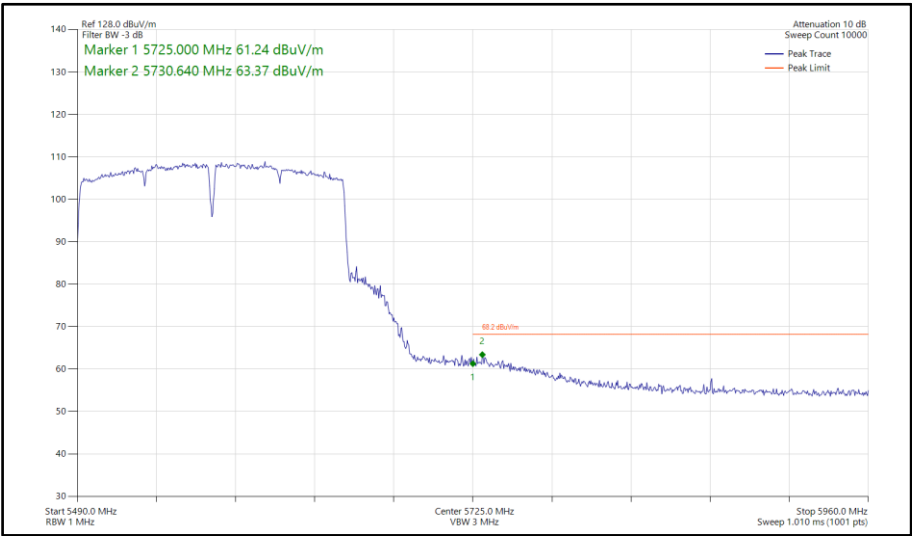


Figure 1079 - 802.11ac VHT160, TxBF, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz

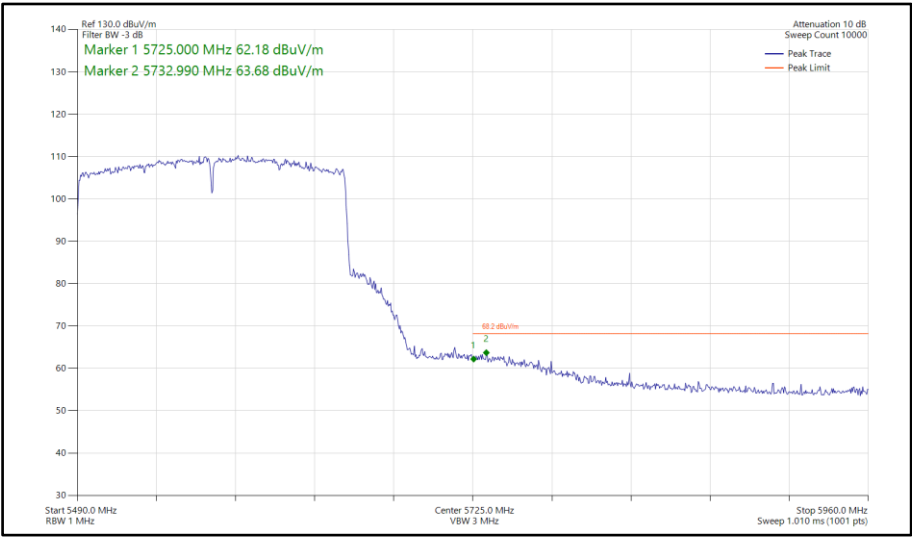


Figure 1080 - 802.11ax HE160, SU, TxBF, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz



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 7.3.1.3, 7.3.2.3, 7.3.3.3, 7.3.4.4 and 7.3.5.4

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:

- 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;
- 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;
- 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
- -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.

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

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

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

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



2.5.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 14, RF Chamber 15, RF Chamber 16 & RF Chamber 17

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.6.3 V.	5125	-	O/P Mon
EMI Test Receiver	Rohde & Schwarz	ESW44	5912	12	17-Sep-2027
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	23-Apr-2028
Compact Antenna Mast	Maturo Gmbh	CAM4.0-P	5959	-	TU
5m Semi-Anechoic Chamber (Dual-Axis), Chamber 15	Albatross Projects	RF Chamber 15	5963	36	23-Apr-2028
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	07-May-2028
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
Horn Antenna (1-10.5 GHz)	Schwarzbeck	BBHA9120B	6140	12	12-Sep-2027
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6141	12	12-Sep-2027
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6142	12	12-Sep-2027
SAC Switch Unit	TUV SUD	TUV_SSU_001	6144	12	05-Dec-2026
Digital Multimeter	Fluke	115	6145	12	02-Jun-2027
Digital Multimeter	Fluke	115	6146	12	03-Jun-2027
Digital Multimeter	Fluke	115	6147	12	03-Jun-2027
SAC Switch Unit	TUV SUD	TUV_SSU_001	6190	12	11-Dec-2026
SAC Switch Unit	TUV SUD	TUV_SSU_001	6191	12	18-Dec-2026
EMI Test Receiver	Rohde & Schwarz	ESW44	6294	12	23-Mar-2027
Cable (SMA to SMA 1m)	Junkosha	MWX221/B	6305	12	19-May-2027
EMC Test Receiver	Rohde & Schwarz	ESW44	6333	12	08-May-2027
SAC Switch Unit	TUV SUD	TUV_SSU_004 PLC	6349	12	18-May-2027
Horn Antenna (1-10.5 GHz)	Schwarzbeck	BBHA 9120 B	6457	12	12-Sep-2027
AC Power Supply	iTech	IT7324	6657	-	O/P Mon



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
3m Semi-Anechoic Chamber	Albatross Projects	RF Chamber 17	6658	36	07-May-2028
Mast and Turntable Controller	Maturo Gmbh	FCU3.0	6659	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	6660	-	TU
Turntable	Maturo Gmbh	TT1.5SI	6661	-	TU
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	6795	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	6796	-	TU
EMI Test Receiver	Rohde & Schwarz	ESW44	6805	12	22-Sep-2026
8M SMA Cable	Junkosha	MWX221-08000AMSAMS/B	6833	12	20-Aug-2027
Handheld Hygrometer	Fluke	971	6837	12	16-Sep-2026
Handheld Hygrometer	Fluke	971	6838	12	16-Sep-2026
1m SMA-Type Cable	Junkosha	MWX221-01000AMSAMS/B	6840	12	23-Sep-2026
1m SMA-Type Cable	Junkosha	MWX221-01000AMSAMS/B	6842	12	23-Sep-2026
1m SMA-Type Cable	Junkosha	MWX221-01000AMSAMS/B	6843	12	14-Sep-2027
1m SMA-Type Cable	Junkosha	MWX221-01000AMSAMS/B	6844	12	14-Sep-2027
1m SMA-Type Cable	Junkosha	MWX221-01000AMSAMS/B	6845	12	14-Sep-2027
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6848	12	23-Oct-2026
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6849	12	06-Nov-2026
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6851	12	06-Nov-2026
Humidity & Temperature meter	Fluke	971	7103	12	19-Aug-2027

Table 1659

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



2.6 Spurious Radiated Emissions

2.6.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.209 and 15.407 (b)
ISED RSS-247, Clause 7.3
ISED RSS-GEN, Clause 6.13 and 8.9

2.6.2 Equipment Under Test and Modification State

A3375, S/N: DFJYL46DKC - Modification State 0
A3375, S/N: D57W4X0N2R - Modification State 0
A3375, S/N: CWPWW7KJWC - Modification State 0

2.6.3 Date of Test

20-August-2026 to 29-August-2026

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 18 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

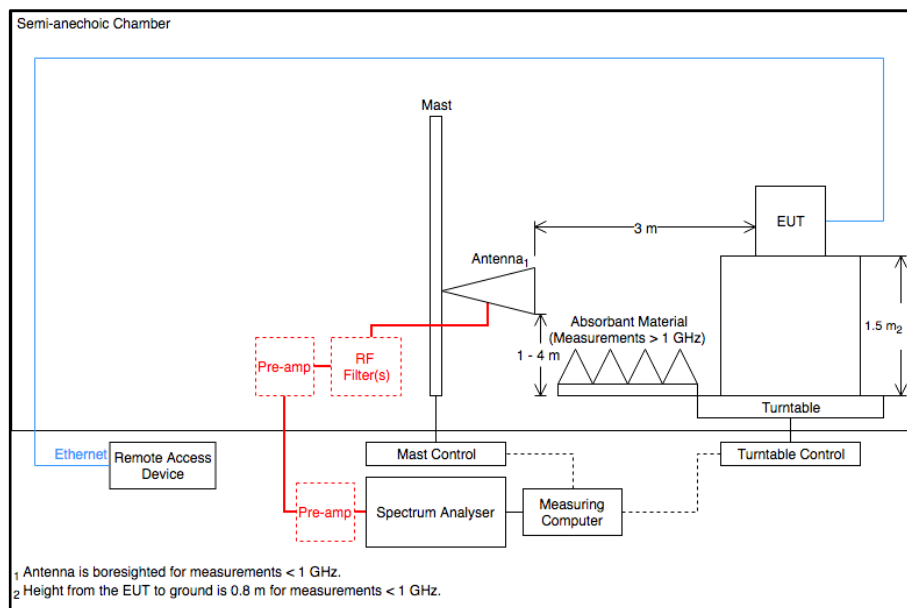


Figure 1081 - Radiated Emissions Test Setup Diagram

2.6.6 Environmental Conditions

Ambient Temperature	20.4 - 23.6 °C
Relative Humidity	37.8 - 52.1 %

2.6.7 Test Results

5 GHz WLAN

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5099.291	56.88	74.00	-17.12	Peak	352	299	Vertical
5108.200	46.16	54.00	-7.84	RMS	10	296	Vertical
5109.394	39.65	54.00	-14.35	RMS	286	391	Horizontal
5352.594	58.09	74.00	-15.91	Peak	357	333	Vertical
5354.524	38.91	54.00	-15.09	RMS	316	383	Horizontal
5354.917	46.38	54.00	-7.62	RMS	360	344	Vertical
5478.888	50.40	68.20	-17.80	Peak	315	390	Horizontal
5485.183	56.72	68.20	-11.48	Peak	360	326	Vertical

Table 1660 - U-NII-1 - 5180 MHz (CH36), a, CDD, Core 0 + Core 1, 1 to 18 GHz

No other emissions found within 20 dB of the limit.

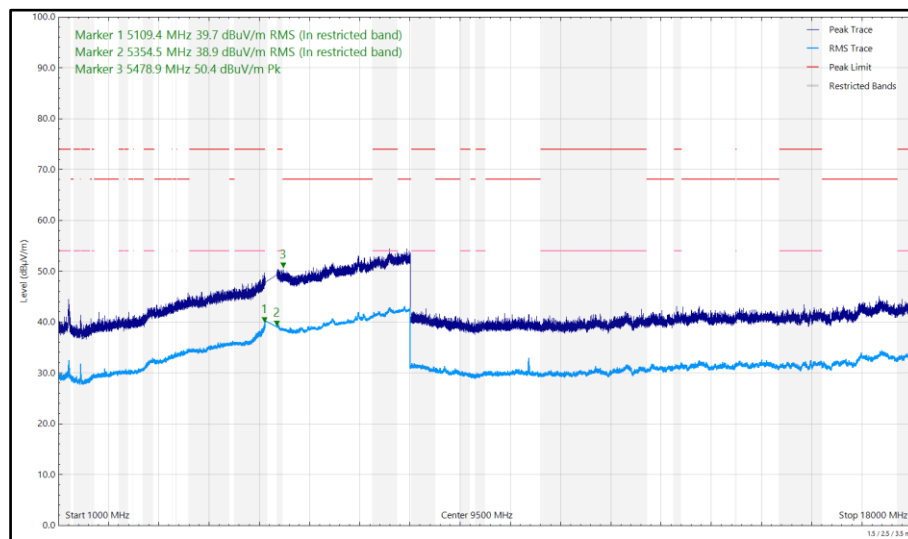


Figure 1082 - U-NII-1 - 5180 MHz (CH36), a, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

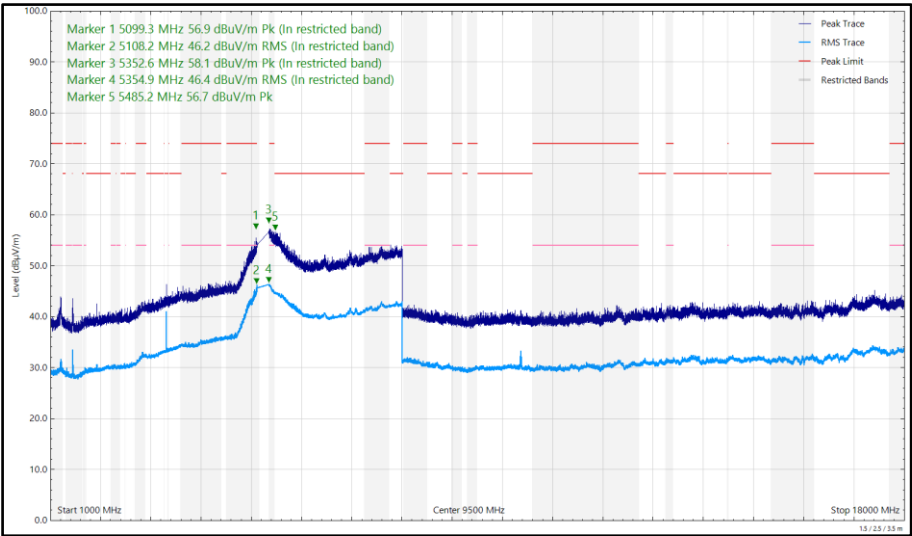


Figure 1083 - U-NII-1 - 5180 MHz (CH36), a, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5135.952	42.28	54.00	-11.72	RMS	14	299	Vertical
5149.452	37.87	54.00	-16.13	RMS	292	400	Horizontal
5337.749	57.50	68.20	-10.70	Peak	360	322	Vertical
5340.799	51.32	68.20	-16.88	Peak	294	400	Horizontal
5378.038	56.49	74.00	-17.51	Peak	360	310	Vertical
5444.576	45.77	54.00	-8.23	RMS	360	351	Vertical
5455.180	39.50	54.00	-14.50	RMS	47	367	Horizontal
5761.190	51.06	68.20	-17.14	Peak	312	398	Horizontal
5818.599	59.39	68.20	-8.81	Peak	359	358	Vertical

Table 1661 - U-NII-2C - 5700 MHz (CH140), a, CDD, Core 0 + Core 1, 1 to 18 GHz

No other emissions found within 20 dB of the limit.

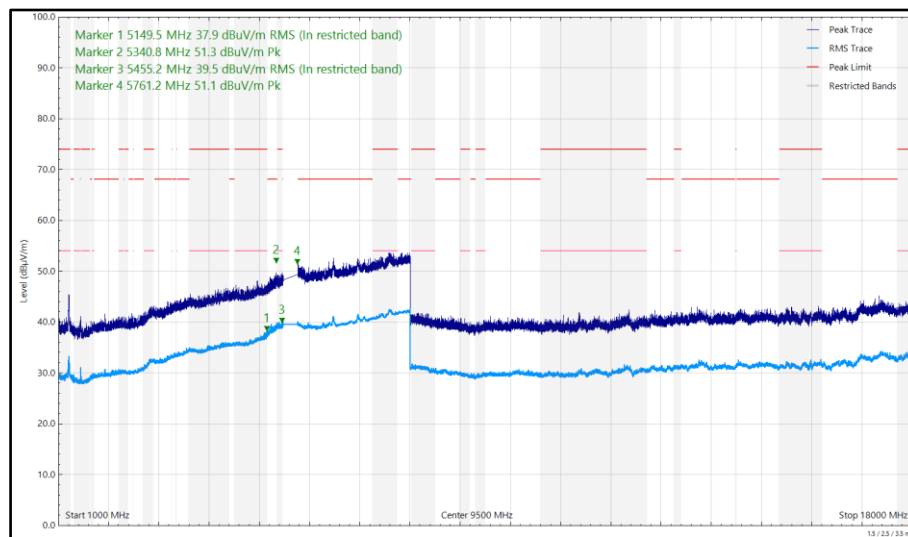


Figure 1084 - U-NII-2C - 5700 MHz (CH140), a, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

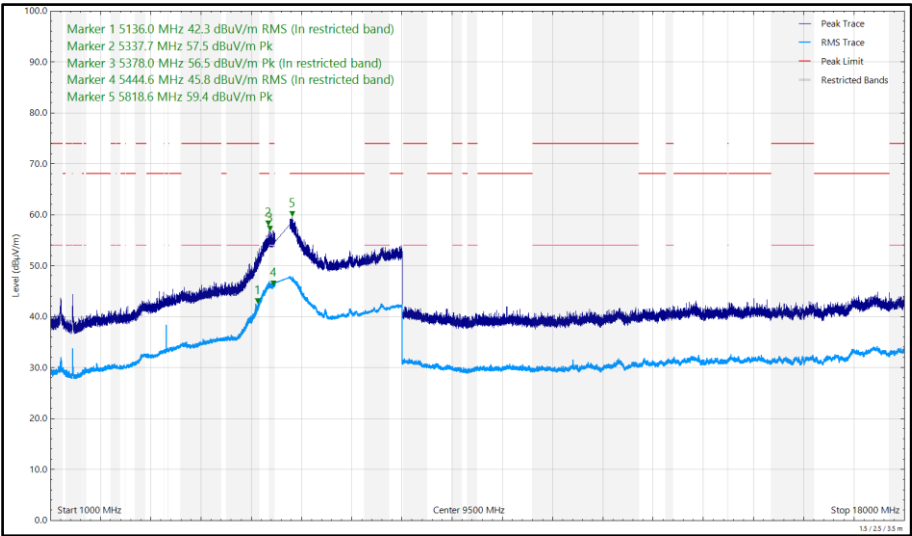


Figure 1085 - U-NII-2C - 5700 MHz (CH140), a, CDD, Core 0 + Core 1, 1 GHz to 18 GHz,
Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5148.555	37.13	54.00	-16.87	RMS	288	390	Horizontal
5149.434	41.93	54.00	-12.07	RMS	11	323	Vertical
5433.314	45.21	54.00	-8.79	RMS	4	356	Vertical
5442.810	56.83	74.00	-17.17	Peak	5	324	Vertical
5449.656	38.33	54.00	-15.67	RMS	299	349	Horizontal
5698.705	59.27	68.20	-8.93	Peak	358	342	Vertical
5719.362	51.93	68.20	-16.27	Peak	50	358	Horizontal
5981.487	57.55	68.20	-10.65	Peak	353	317	Vertical

Table 1662 - U-NII-3 - 5825 MHz (CH165), a, CDD, Core 0 + Core 1, 1 to 18 GHz

No other emissions found within 20 dB of the limit.

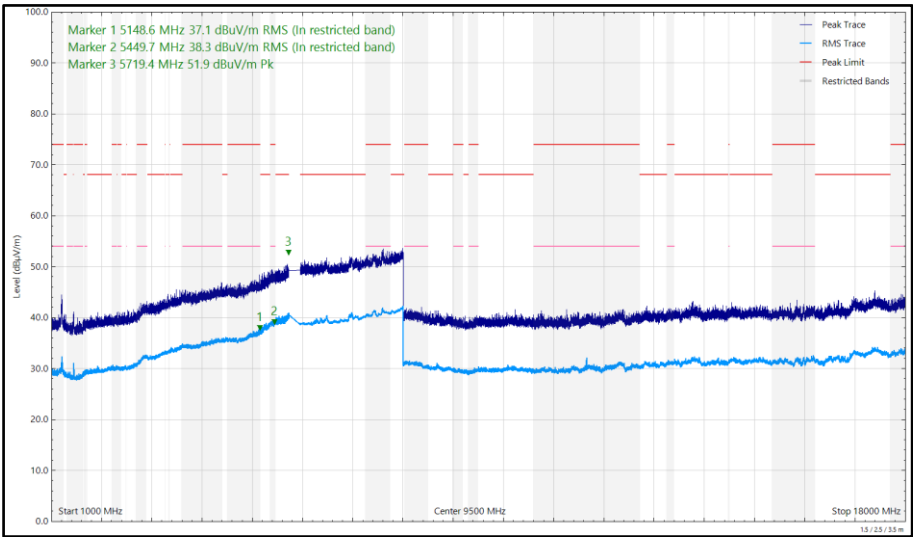


Figure 1086 - U-NII-3 - 5825 MHz (CH165), a, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

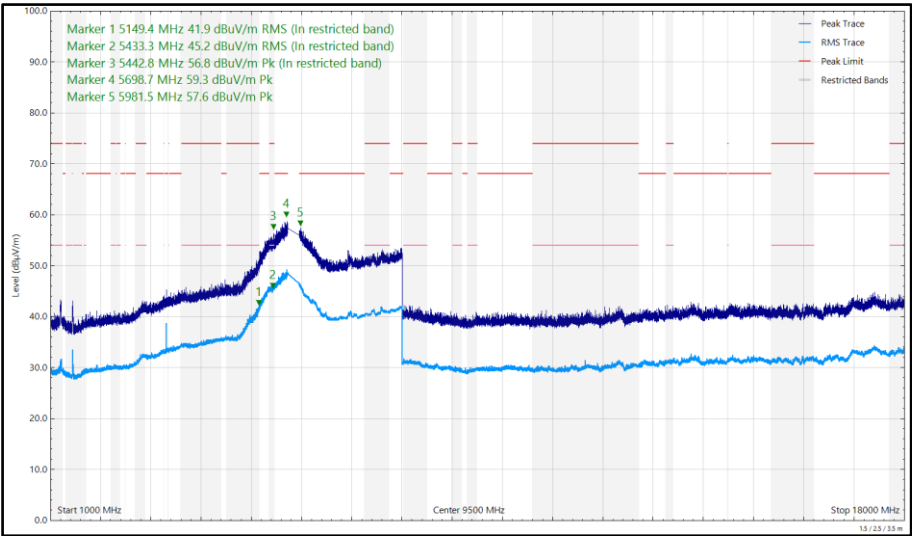


Figure 1087 - U-NII-3 - 5825 MHz (CH165), a, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
51.372	20.73	40.00	-19.27	Q-Peak	10	109	Vertical
152.947	21.73	43.50	-21.77	Q-Peak	334	151	Vertical
5034.772	55.51	74.00	-18.49	Peak	10	309	Vertical
5108.224	44.54	54.00	-9.46	RMS	330	263	Vertical
5109.050	39.82	54.00	-14.18	RMS	70	396	Horizontal
5353.223	57.91	74.00	-16.09	Peak	359	328	Vertical
5355.168	38.92	54.00	-15.08	RMS	307	390	Horizontal
5360.704	46.15	54.00	-7.85	RMS	0	346	Vertical
5524.309	50.49	68.20	-17.71	Peak	309	396	Horizontal
5527.560	57.25	68.20	-10.95	Peak	360	313	Vertical

Table 1663 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

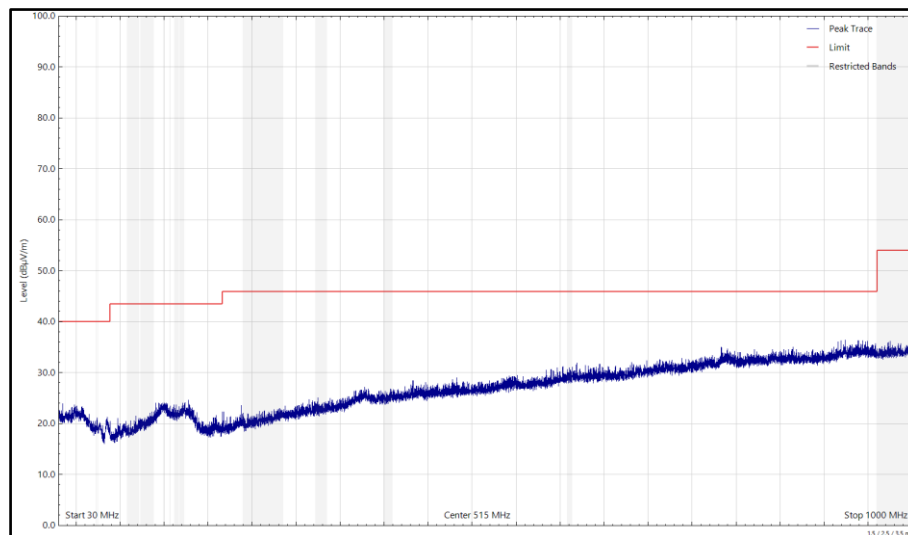


Figure 1088 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

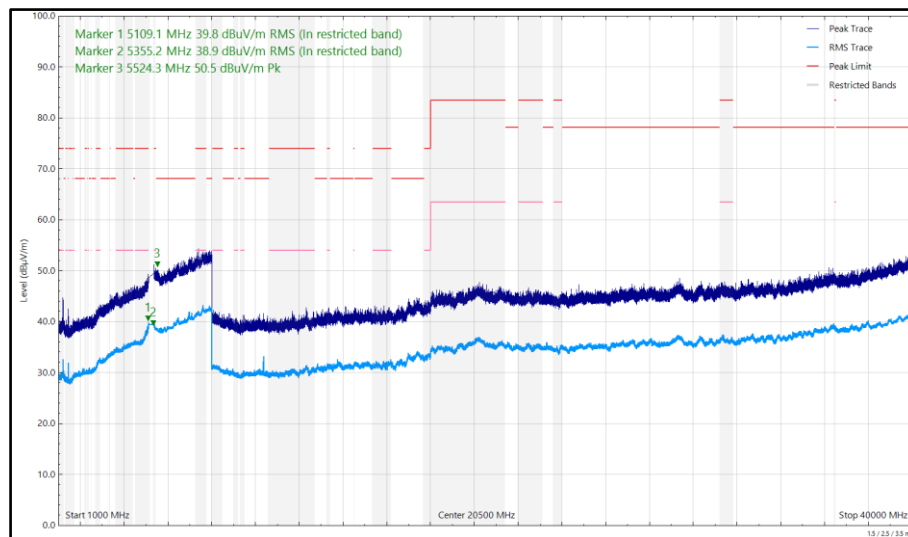


Figure 1089 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

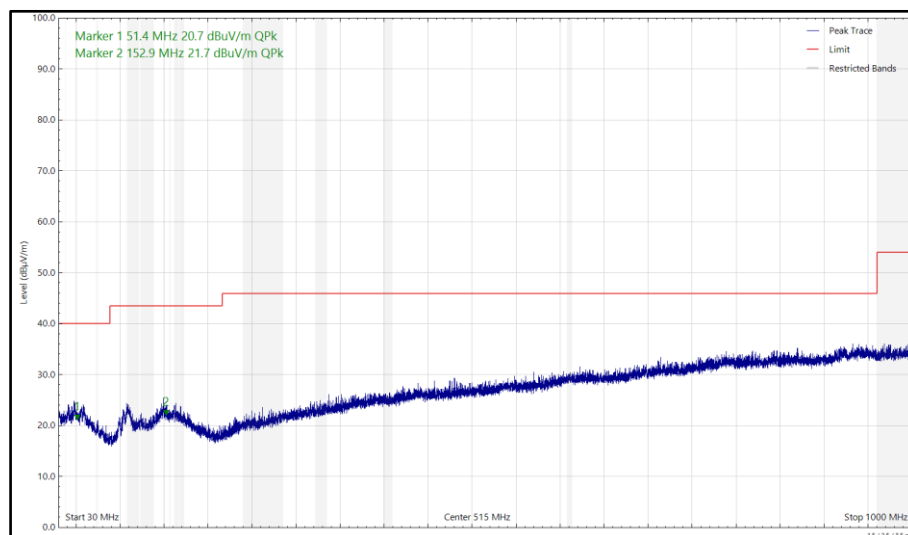


Figure 1090 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

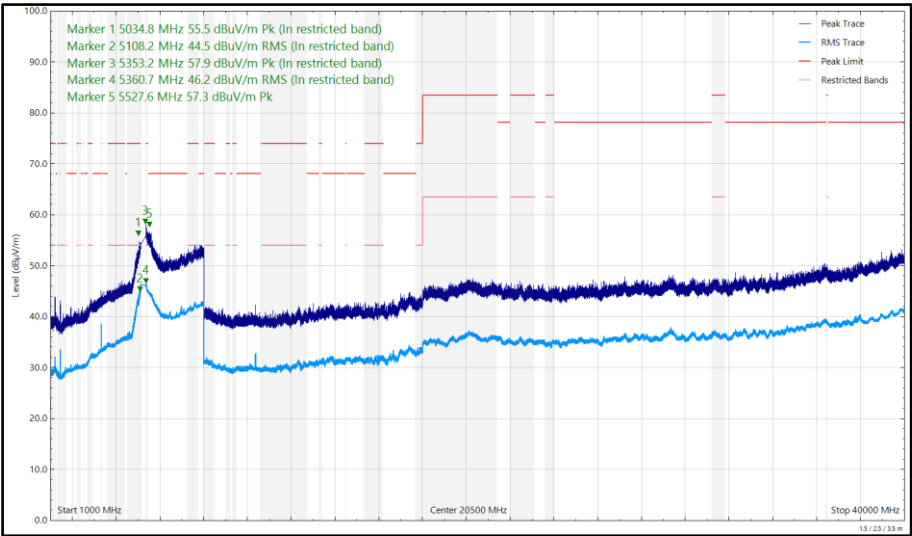


Figure 1091 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
4236.359	34.60	54.00	-19.40	RMS	259	194	Horizontal
5137.115	56.86	74.00	-17.14	Peak	9	317	Vertical
5149.381	44.90	54.00	-9.10	RMS	5	334	Vertical
5390.966	46.76	54.00	-7.24	RMS	0	303	Vertical
5391.205	40.21	54.00	-13.79	RMS	73	385	Horizontal
5399.703	58.74	74.00	-15.26	Peak	1	344	Vertical
5464.684	57.67	68.20	-10.53	Peak	0	339	Vertical
5484.917	51.58	68.20	-16.62	Peak	47	392	Horizontal

Table 1664 - U-NII-2A - 5320 MHz (CH64), HT20, CDD, Core 0 + Core 1, 1 to 18 GHz

No other emissions found within 20 dB of the limit.

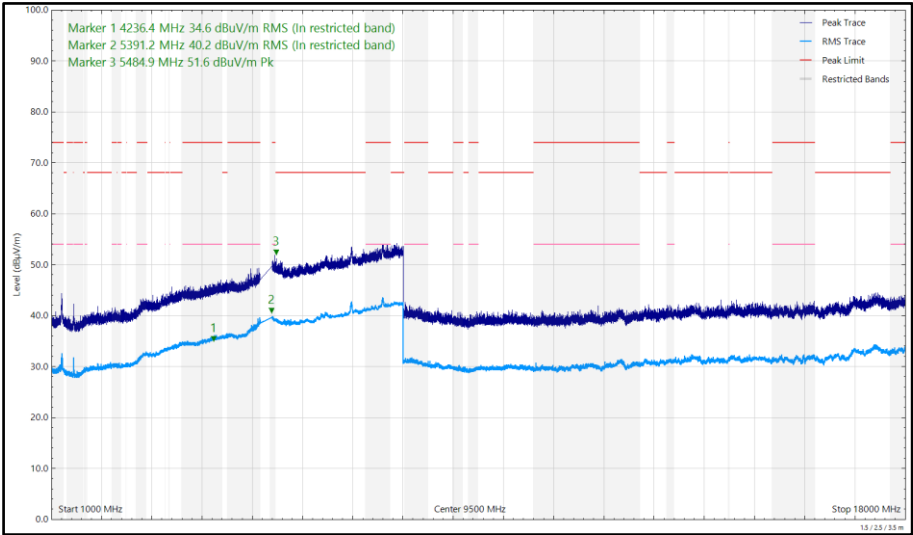


Figure 1092 - U-NII-2A - 5320 MHz (CH64), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

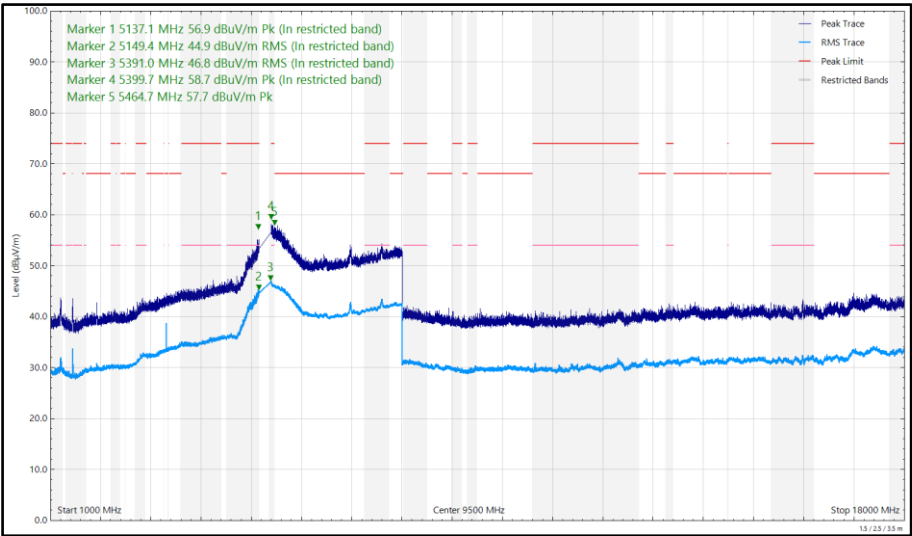


Figure 1093 - U-NII-2A - 5320 MHz (CH64), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5149.279	43.82	54.00	-10.18	RMS	7	287	Vertical
5149.824	38.54	54.00	-15.46	RMS	294	381	Horizontal
5253.261	50.62	68.20	-17.58	Peak	65	379	Horizontal
5311.908	57.68	68.20	-10.52	Peak	360	345	Vertical
5351.283	39.01	54.00	-14.99	RMS	281	400	Horizontal
5368.379	59.03	74.00	-14.97	Peak	357	307	Vertical
5388.055	46.65	54.00	-7.35	RMS	0	347	Vertical
5725.199	50.02	68.20	-18.18	Peak	319	357	Horizontal
5745.134	56.50	68.20	-11.70	Peak	0	321	Vertical

Table 1665 - U-NII-2C - 5500 MHz (CH100), HT20, CDD, Core 0 + Core 1, 1 to 18 GHz

No other emissions found within 20 dB of the limit.

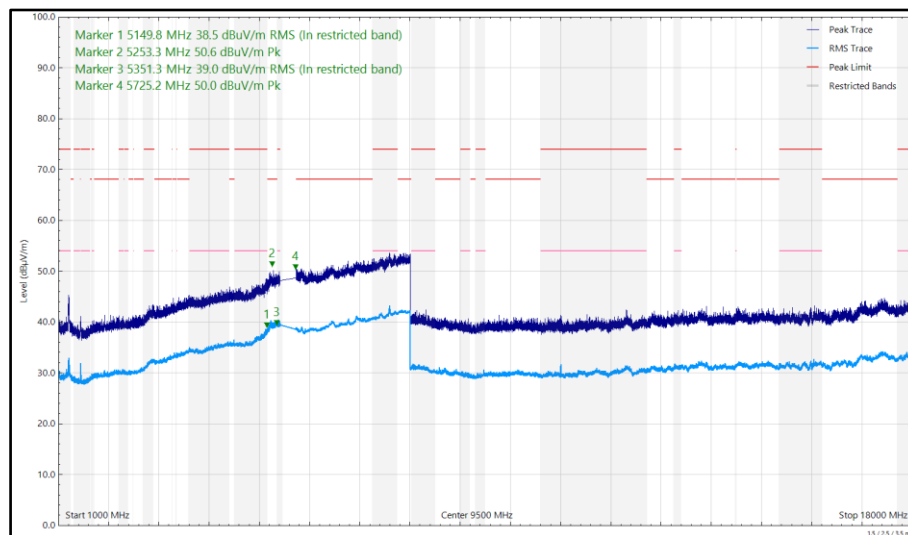


Figure 1094 - U-NII-2C - 5500 MHz (CH100), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

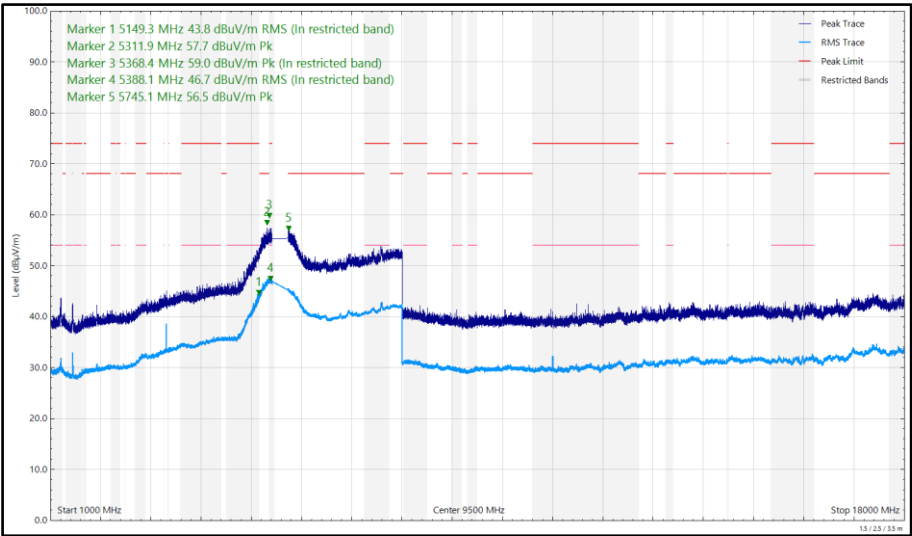


Figure 1095 - U-NII-2C - 5500 MHz (CH100), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5115.277	36.27	54.00	-17.73	RMS	58	358	Horizontal
5149.715	41.87	54.00	-12.13	RMS	360	321	Vertical
5302.738	50.94	68.20	-17.26	Peak	292	400	Horizontal
5316.459	57.97	68.20	-10.23	Peak	354	313	Vertical
5400.986	46.41	54.00	-7.59	RMS	357	320	Vertical
5417.403	56.82	74.00	-17.18	Peak	354	308	Vertical
5442.606	39.17	54.00	-14.83	RMS	288	387	Horizontal
5763.371	59.47	68.20	-8.73	Peak	0	341	Vertical
5767.819	52.22	68.20	-15.98	Peak	47	400	Horizontal

Table 1666 - U-NII-2C - 5700 MHz (CH140), HT20, CDD, Core 0 + Core 1, 1 to 18 GHz

No other emissions found within 20 dB of the limit.

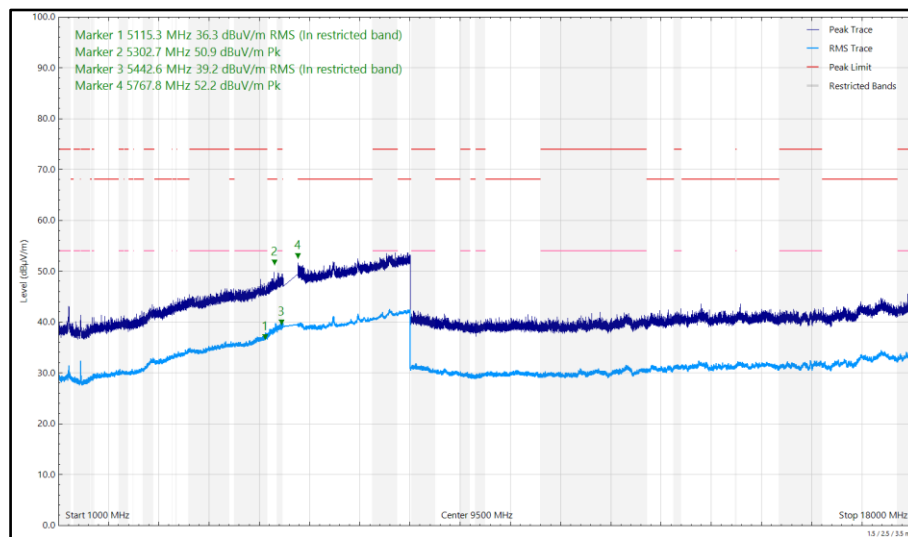


Figure 1096 - U-NII-2C - 5700 MHz (CH140), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

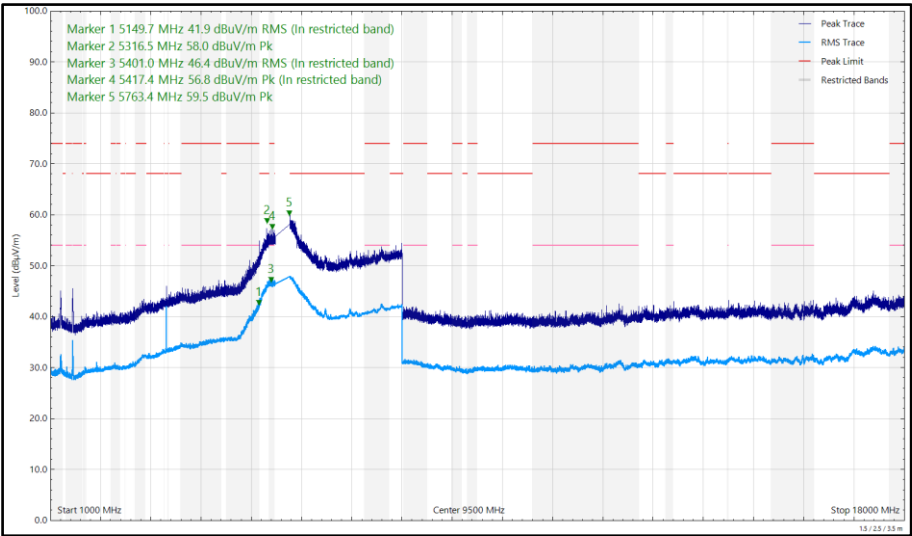


Figure 1097 - U-NII-2C - 5700 MHz (CH140), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1440.212	35.77	54.00	-18.23	RMS	22	162	Vertical
5132.984	35.68	54.00	-18.32	RMS	49	263	Horizontal
5149.985	42.37	54.00	-11.63	RMS	15	323	Vertical
5452.948	38.81	54.00	-15.19	RMS	46	352	Horizontal
5453.243	58.17	74.00	-15.83	Peak	1	332	Vertical
5459.988	46.30	54.00	-7.70	RMS	0	337	Vertical
5461.309	51.08	68.20	-17.12	Peak	292	400	Horizontal
5532.073	59.19	68.20	-9.01	Peak	0	326	Vertical
5850.243	51.63	68.20	-16.57	Peak	6	100	Horizontal
5854.951	58.81	68.20	-9.39	Peak	351	317	Vertical

Table 1667 - U-NII-3 - 5745 MHz (CH149), HT20, CDD, Core 0 + Core 1, 1 to 18 GHz

No other emissions found within 20 dB of the limit.

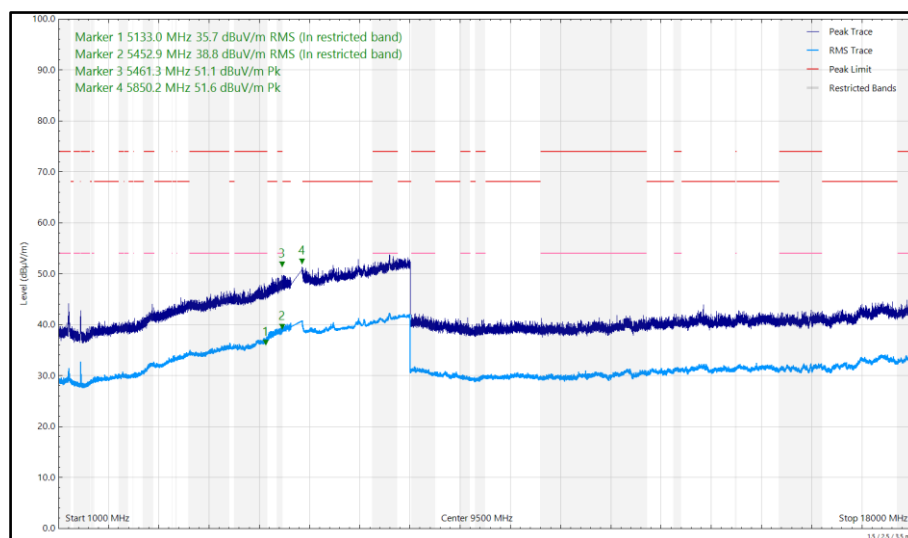


Figure 1098 - U-NII-3 - 5745 MHz (CH149), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal