

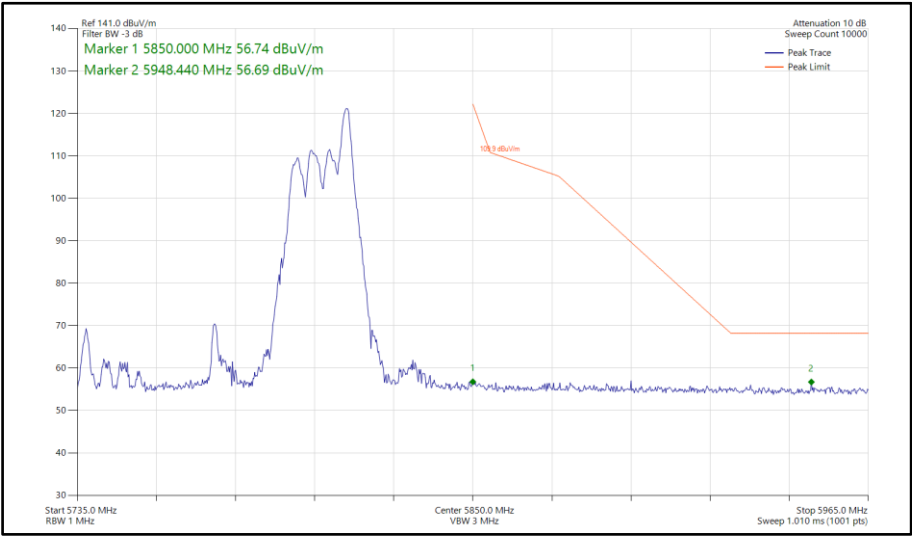


Figure 354 - 802.11ax HE80, RU 26-36, SDM, Core 0-1 - 5775 MHz
Band Edge Frequency 5850 MHz

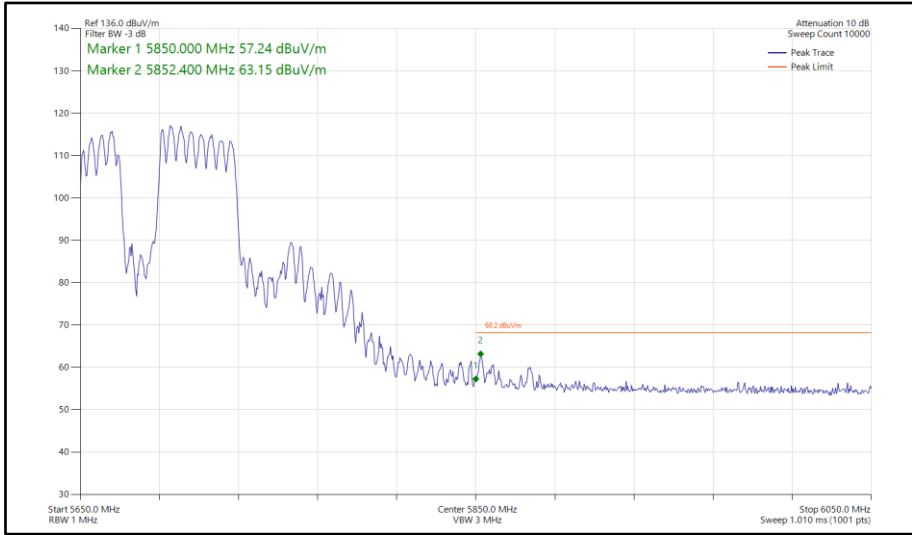


Figure 355 - 802.11be EHT80, RU 484+242-91, SDM, Core 0-1 - 5690 MHz
Band Edge Frequency 5850 MHz

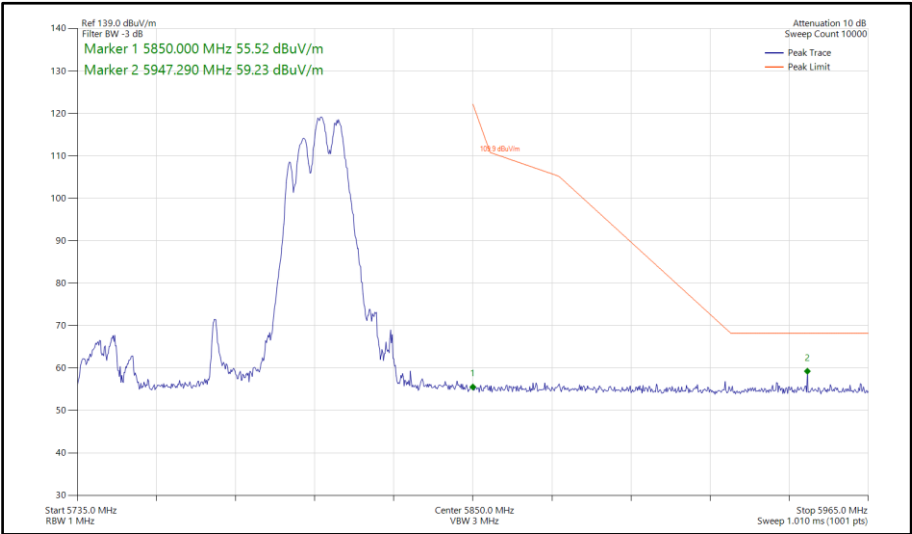


**Figure 356 - 802.11be EHT80, RU 106+26-89, SDM, Core 0-1 - 5775 MHz
Band Edge Frequency 5850 MHz**

80 MHz Bandwidth - Core 0-1 (TxBF)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dB μ V/m)
802.11ac VHT80	MCS 2x1	-	-	5530	5470	62.79
802.11ax HE80	MCS 4x1	SU	-	5530	5470	63.46
802.11ac VHT80	MCS 4x1	-	-	5775	5725	63.02
802.11ax HE80	MCS 4x1	SU	-	5775	5725	63.58
802.11ac VHT80	MCS 9x1	-	-	5610	5725	62.82
802.11ax HE80	MCS 11x1	SU	-	5610	5725	63.31
802.11ac VHT80	MCS 9x1	-	-	5690	5850	59.15
802.11ac VHT80	MCS 2x1	-	-	5775	5850	58.26
802.11ax HE80	MCS 11x1	SU	-	5690	5850	59.84
802.11ax HE80	MCS 2x1	SU	-	5775	5850	58.50

Table 49 - TxBF Authorised Band Edge Results

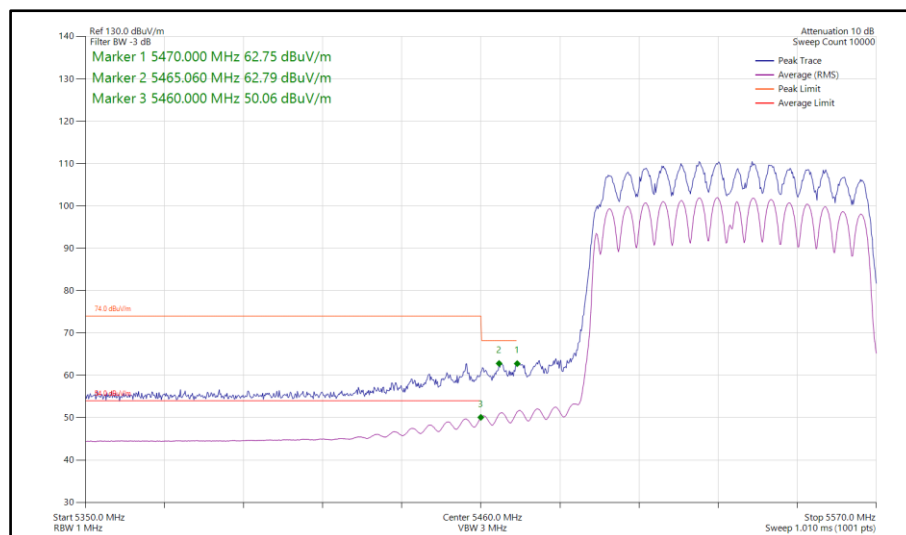


Figure 357 - 802.11ac VHT80, TxBF, Core 0-1 - 5530 MHz
Band Edge Frequency 5470 MHz

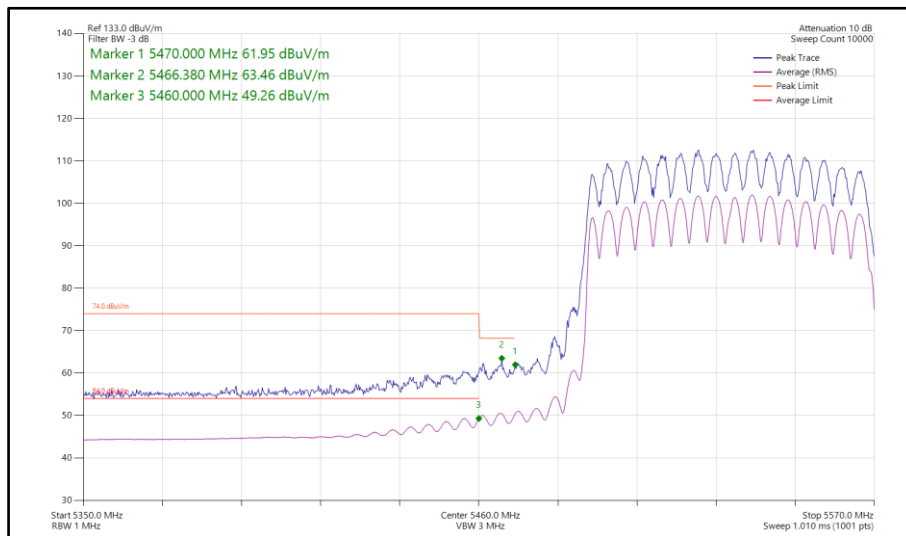


**Figure 358 - 802.11ax HE80, SU, TxBF, Core 0-1 - 5530 MHz
Band Edge Frequency 5470 MHz**

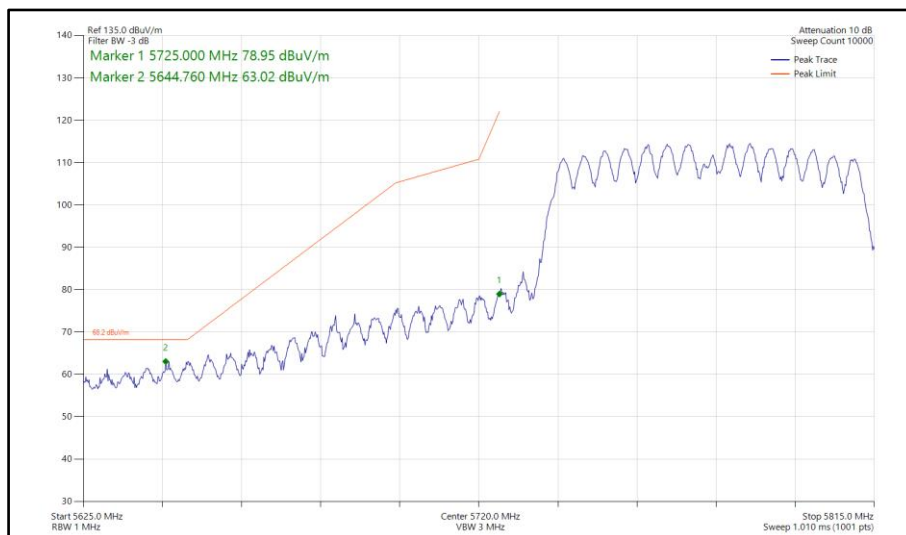


**Figure 359 - 802.11ac VHT80, TxBF, Core 0-1 - 5775 MHz
Band Edge Frequency 5725 MHz**

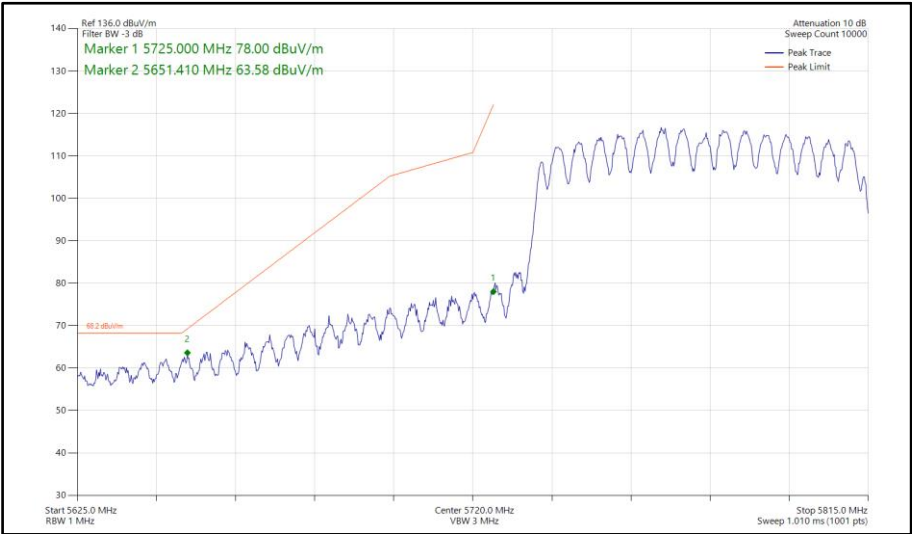


Figure 360 - 802.11ax HE80, SU, TxBF, Core 0-1 - 5775 MHz
Band Edge Frequency 5725 MHz

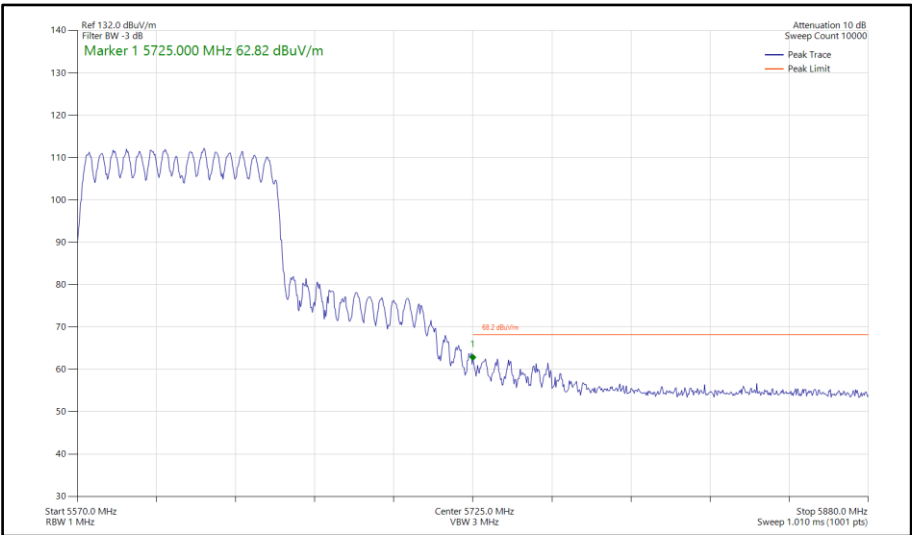


Figure 361 - 802.11ac VHT80, TxBF, Core 0-1 - 5610 MHz
Band Edge Frequency 5725 MHz

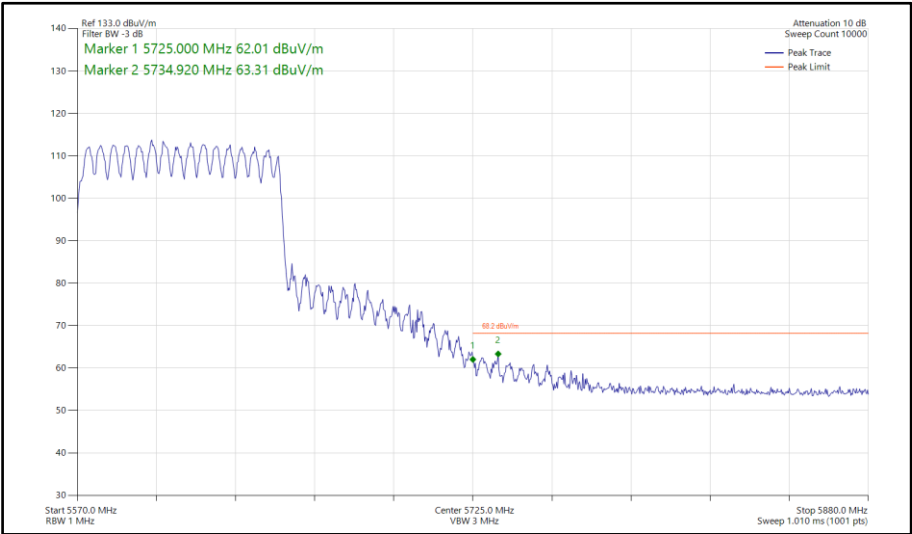


Figure 362 - 802.11ax HE80, SU, TxBF, Core 0-1 - 5610 MHz
Band Edge Frequency 5725 MHz

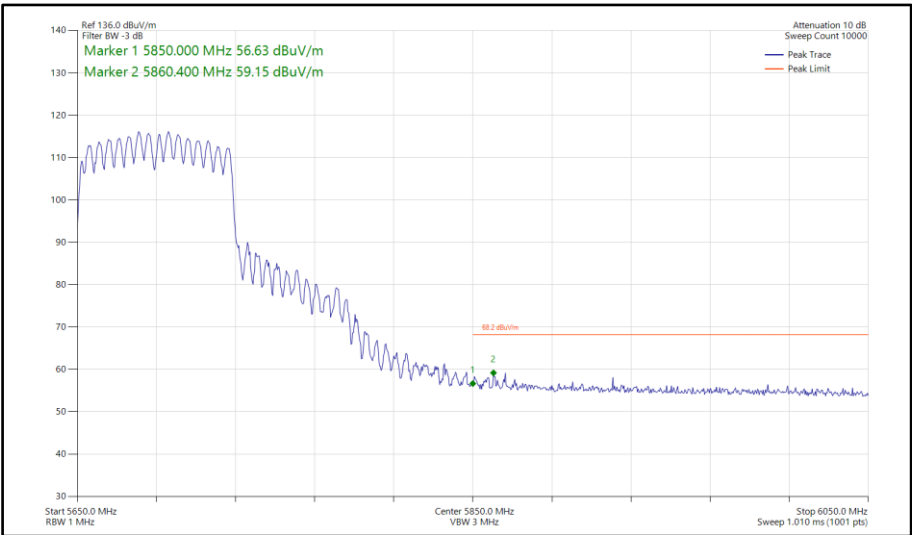


Figure 363 - 802.11ac VHT80, TxBF, Core 0-1 - 5690 MHz
Band Edge Frequency 5850 MHz

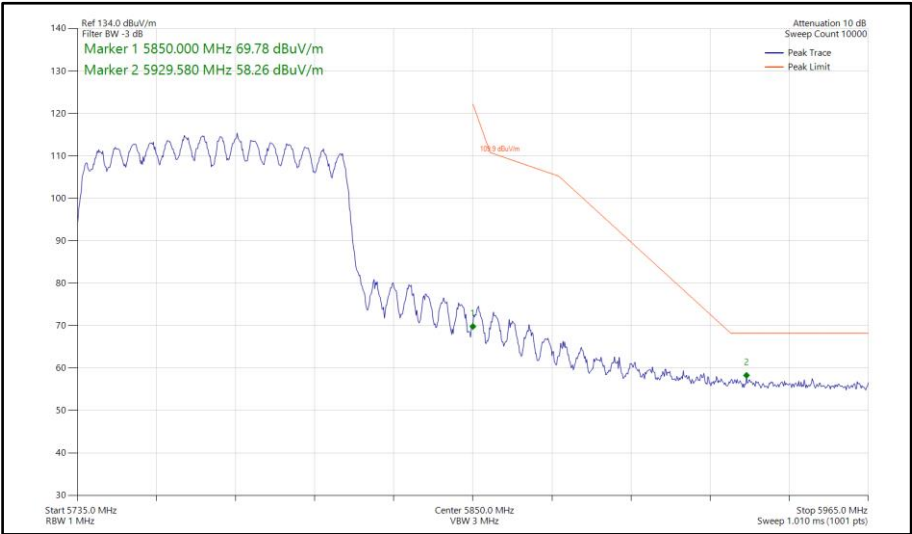


Figure 364 - 802.11ac VHT80, TxBF, Core 0-1 - 5775 MHz
Band Edge Frequency 5850 MHz

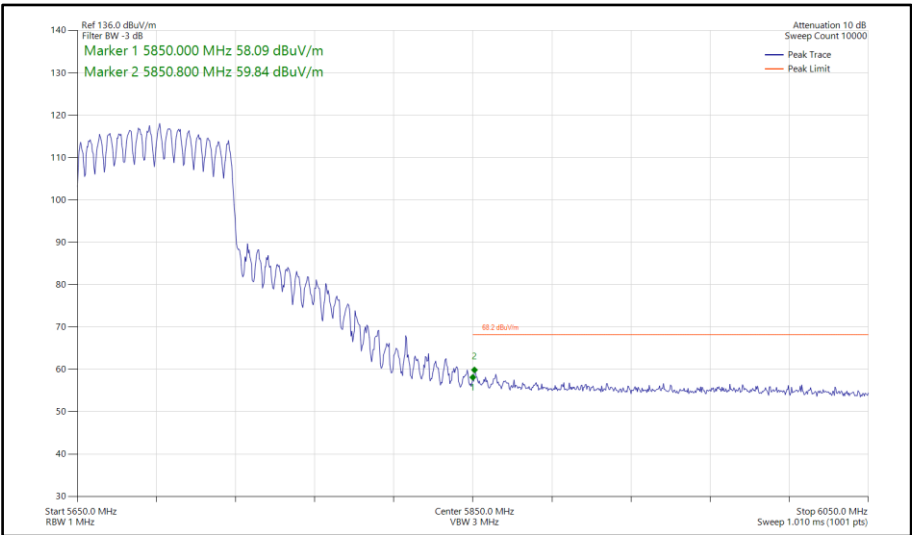


Figure 365 - 802.11ax HE80, SU, TxBF, Core 0-1 - 5690 MHz
Band Edge Frequency 5850 MHz

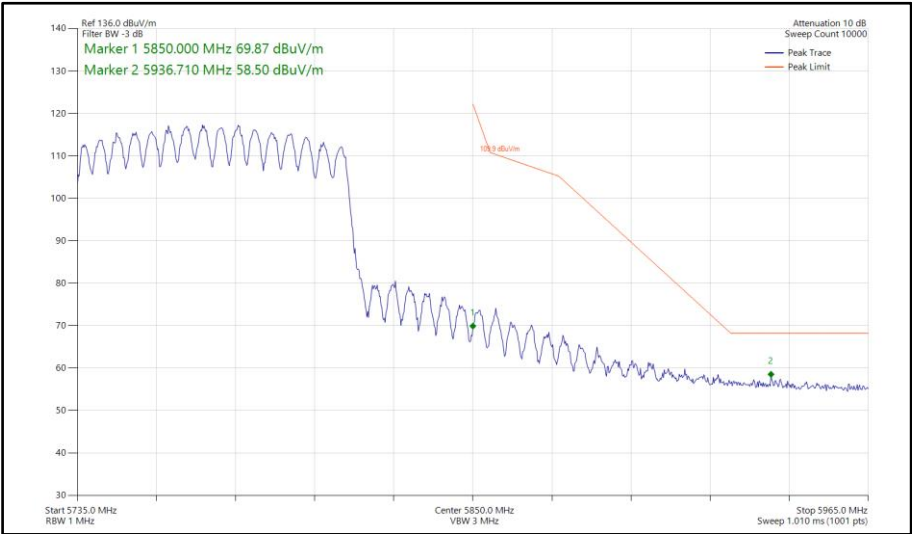


**Figure 366 - 802.11ax HE80, SU, TxBF, Core 0-1 - 5775 MHz
Band Edge Frequency 5850 MHz**

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	60.42
802.11ac VHT160	MCS 4x1	-	-	5570	5470	62.61
802.11ax HE160	MCS 2x1	SU	-	5570	5470	62.43
802.11ax HE160	MCS 11x1	52	37P	5570	5470	60.48
802.11be EHT160	MCS 9x1	996+484+242	97S	5570	5470	63.12
802.11a a160	54 Mbps	-	-	5570	5725	60.02
802.11ac VHT160	MCS 4x1	-	-	5570	5725	61.30
802.11ax HE160	MCS 11x1	SU	-	5570	5725	62.80
802.11ax HE160	MCS 11x1	106	60S	5570	5725	56.86
802.11be EHT160	MCS 9x1	996+484+242	97S	5570	5725	62.24

Table 50 - SISO Authorised Band Edge Results

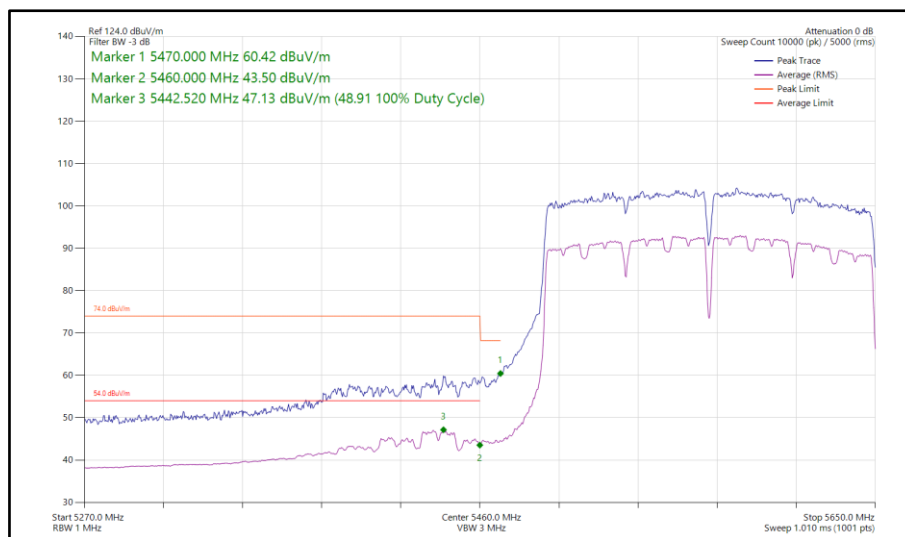


**Figure 367 - 802.11a a160, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5470 MHz**

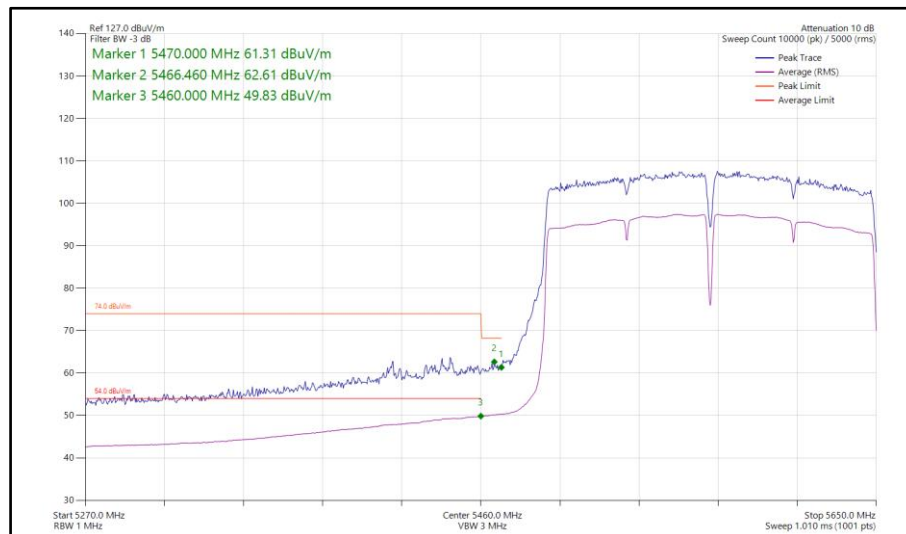


**Figure 368 - 802.11ac VHT160, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5470 MHz**

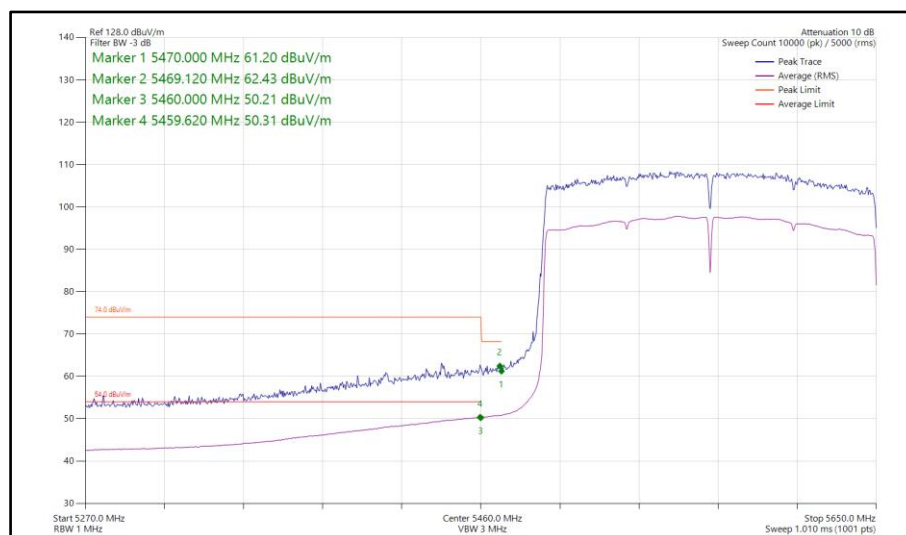


**Figure 369 - 802.11ax HE160, SU, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5470 MHz**

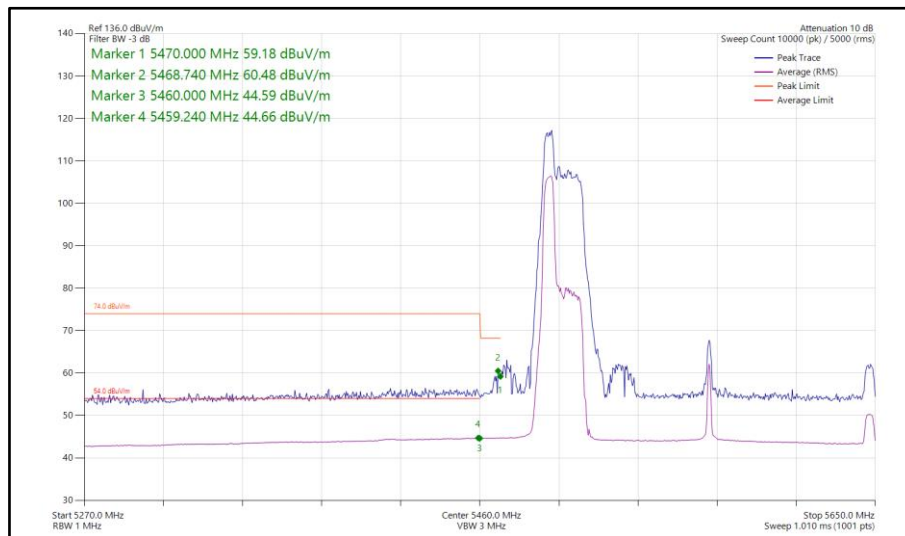


**Figure 370 - 802.11ax HE160, RU 52-37P, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5470 MHz**

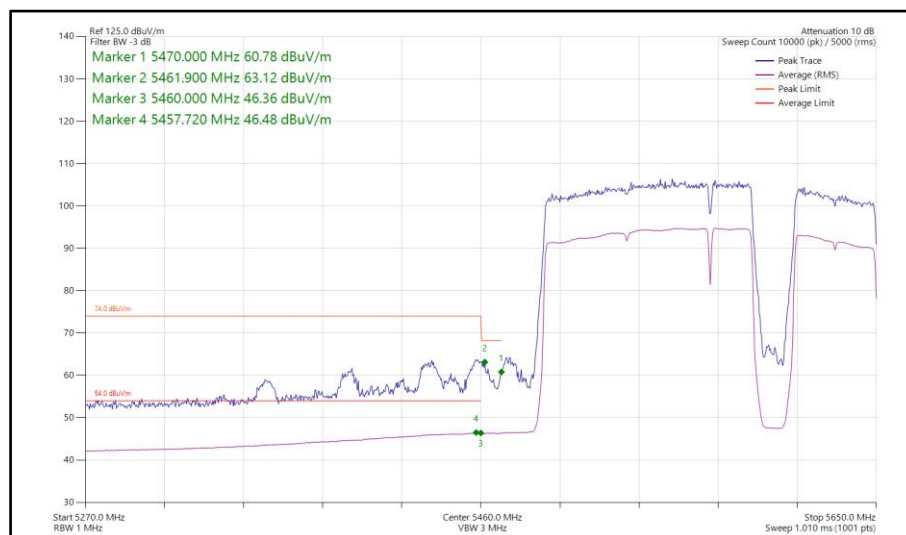


**Figure 371 - 802.11be EHT160, RU 996+484+242-97S, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5470 MHz**

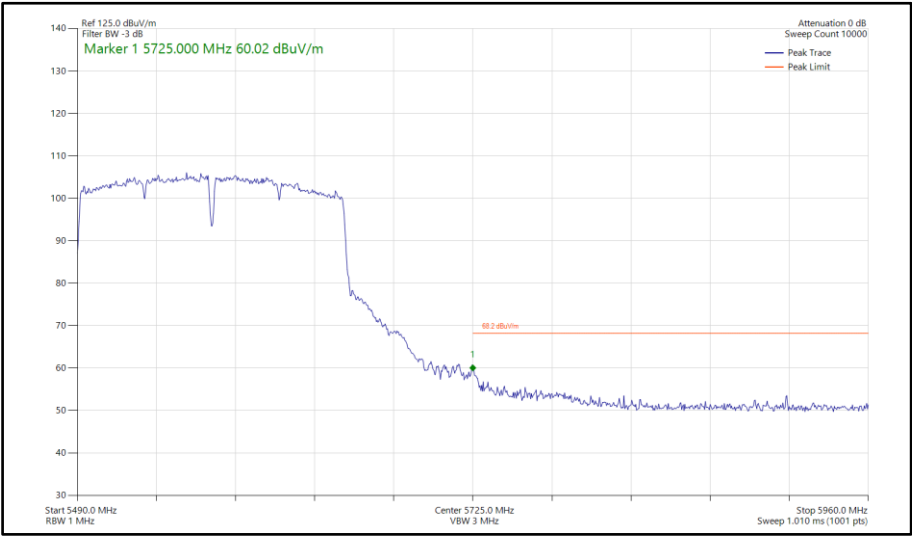


Figure 372 - 802.11a a160, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5725 MHz

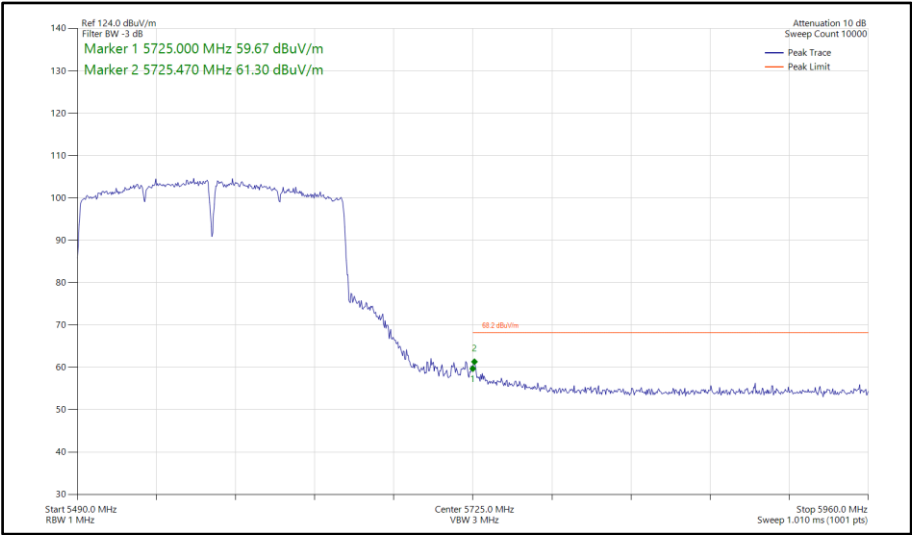


Figure 373 - 802.11ac VHT160, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5725 MHz

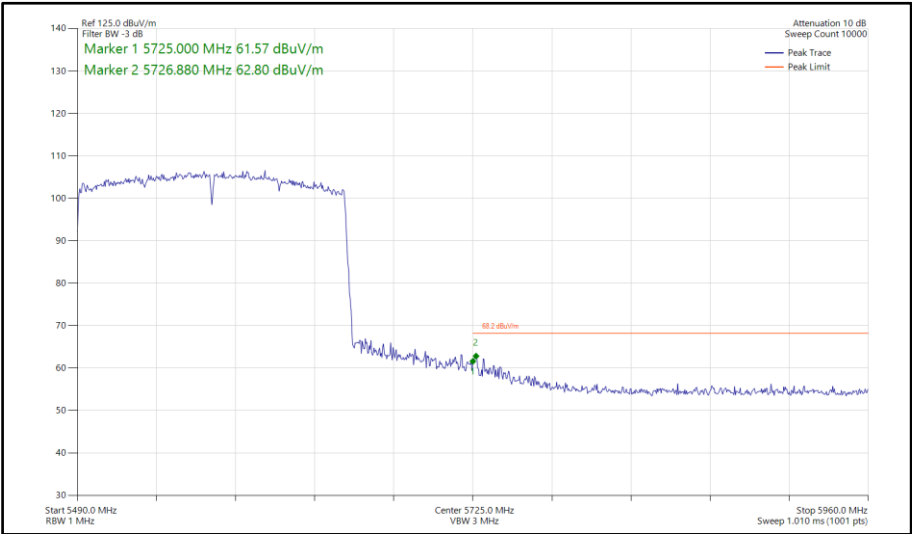


Figure 374 - 802.11ax HE160, SU, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5725 MHz

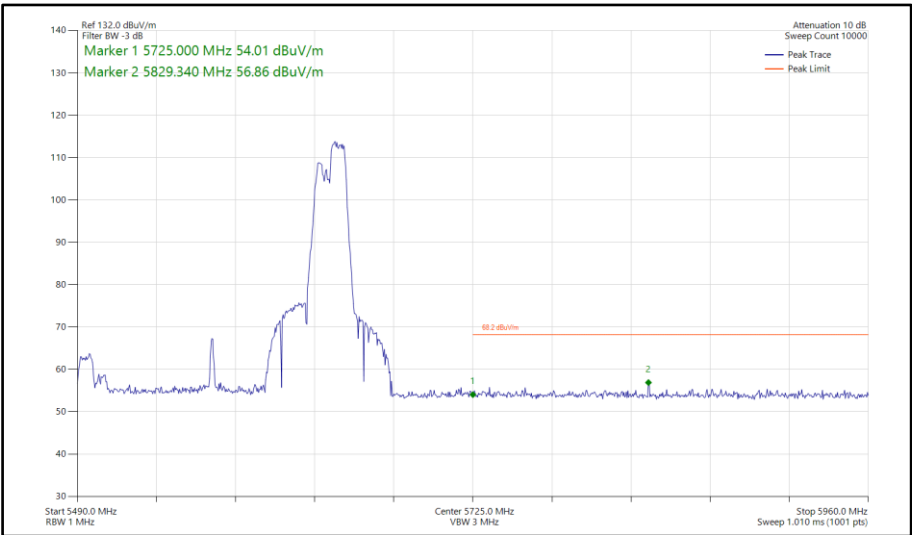


Figure 375 - 802.11ax HE160, RU 106-60S, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5725 MHz

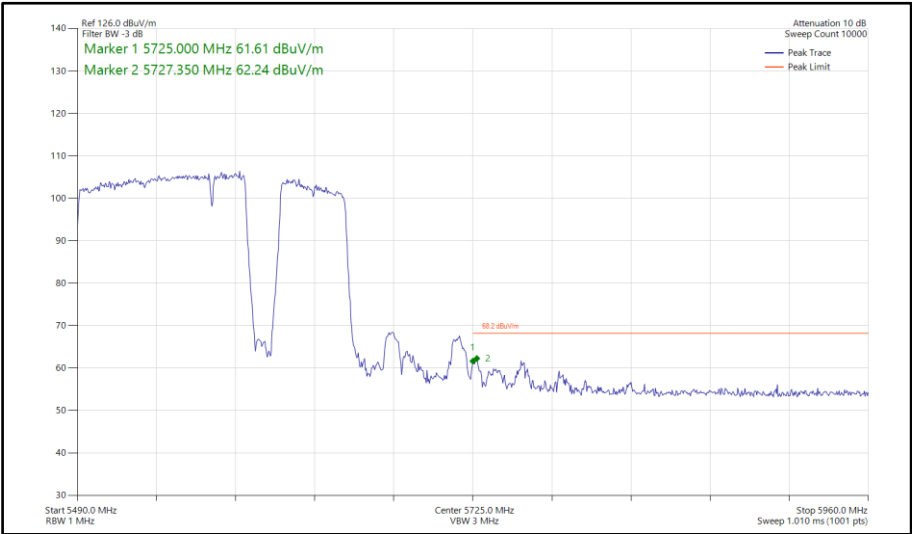


**Figure 376 - 802.11be EHT160, RU 996+484+242-97S, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5725 MHz**



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	62.49
802.11ac VHT160	MCS 9x1	-	-	5570	5470	62.23
802.11ax HE160	MCS 11x1	SU	-	5570	5470	63.24
802.11ax HE160	MCS 11x1	106	53P	5570	5470	61.53
802.11be EHT160	MCS 9x1	484+242	93P	5570	5470	63.66
802.11a a160	54 Mbps	-	-	5570	5725	62.02
802.11ac VHT160	MCS 4x1	-	-	5570	5725	63.64
802.11ax HE160	MCS 2x1	SU	-	5570	5725	63.66
802.11ax HE160	MCS 11x1	52	52S	5570	5725	59.10
802.11be EHT160	MCS 9x1	996+484+242	96P	5570	5725	62.85

Table 51 - SISO Authorised Band Edge Results

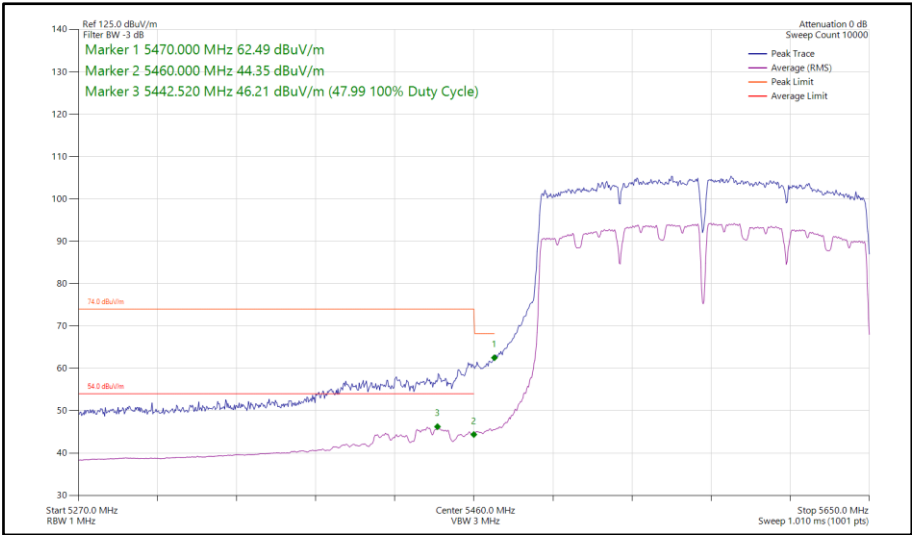


Figure 377 - 802.11a a160, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz

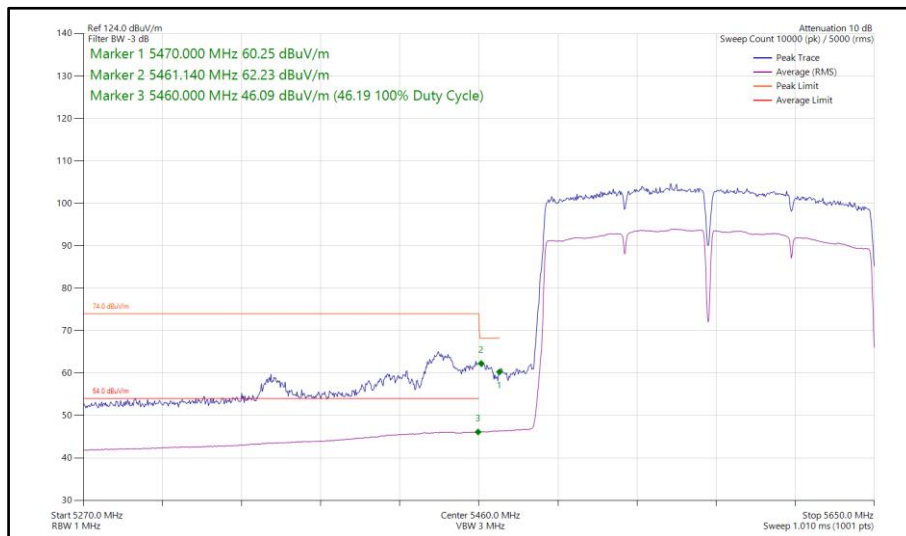


**Figure 378 - 802.11ac VHT160, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**

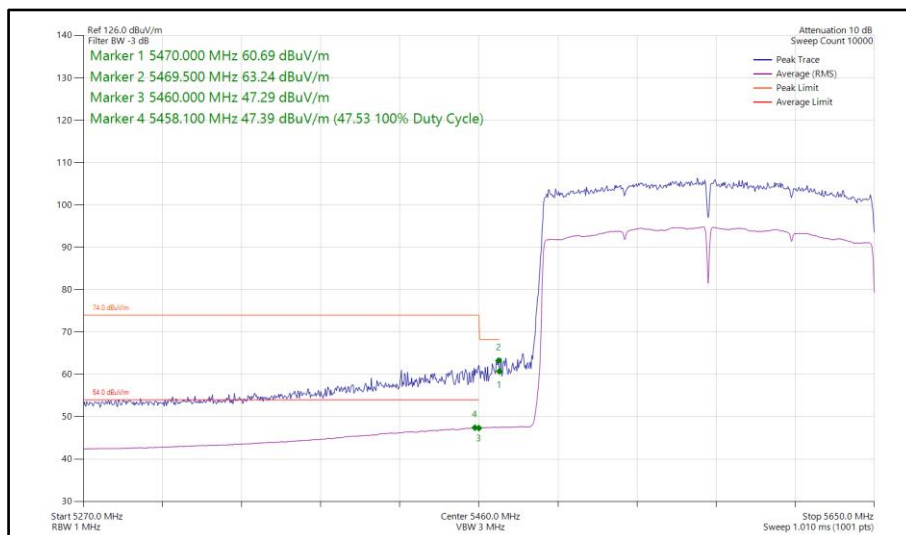


**Figure 379 - 802.11ax HE160, SU, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**

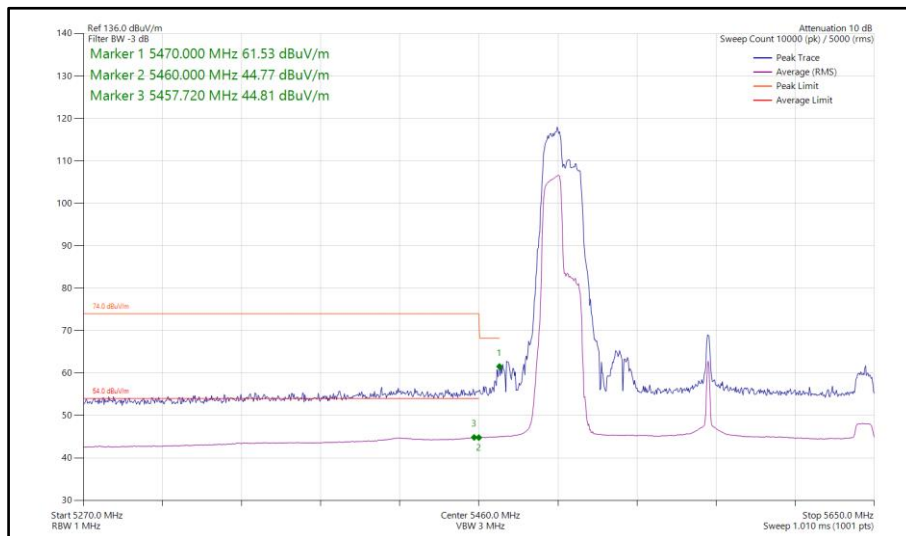


**Figure 380 - 802.11ax HE160, RU 106-53P, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**

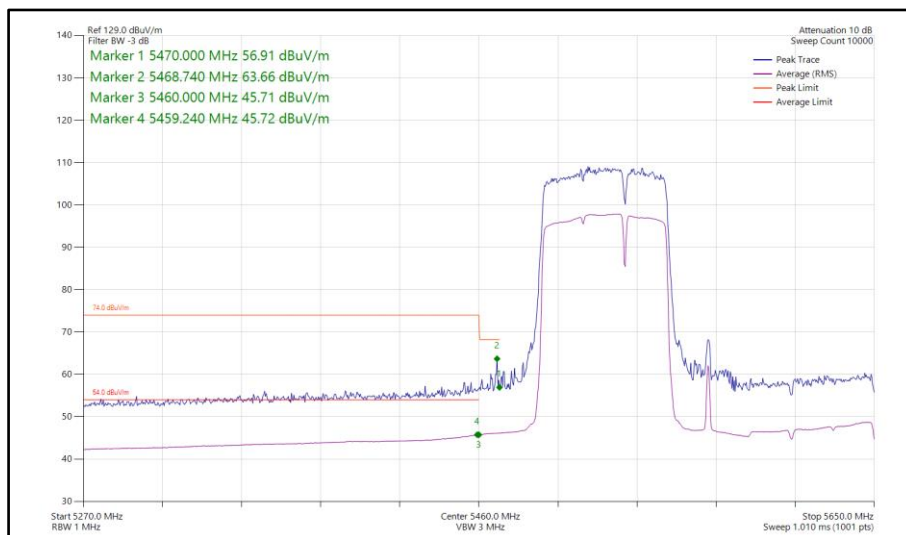


**Figure 381 - 802.11be EHT160, RU 484+242-93P, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5470 MHz**

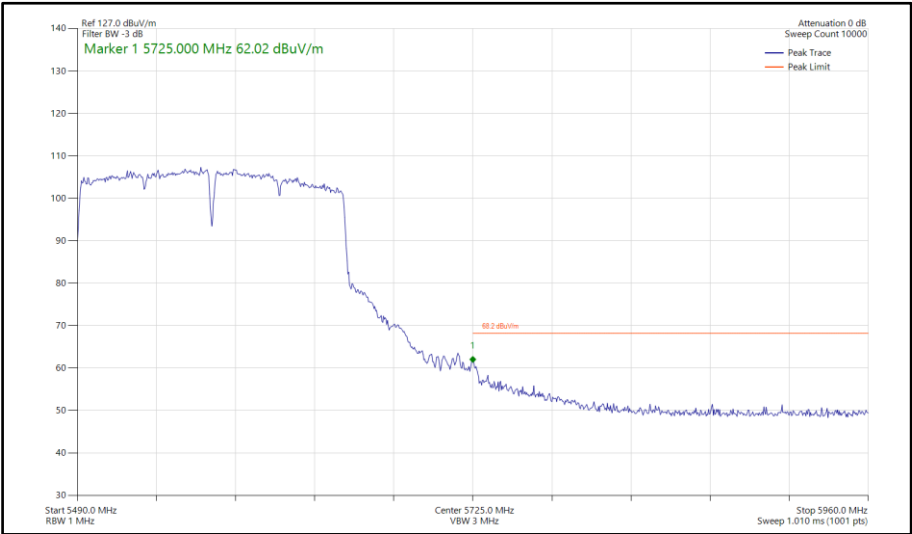


Figure 382 - 802.11a a160, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz

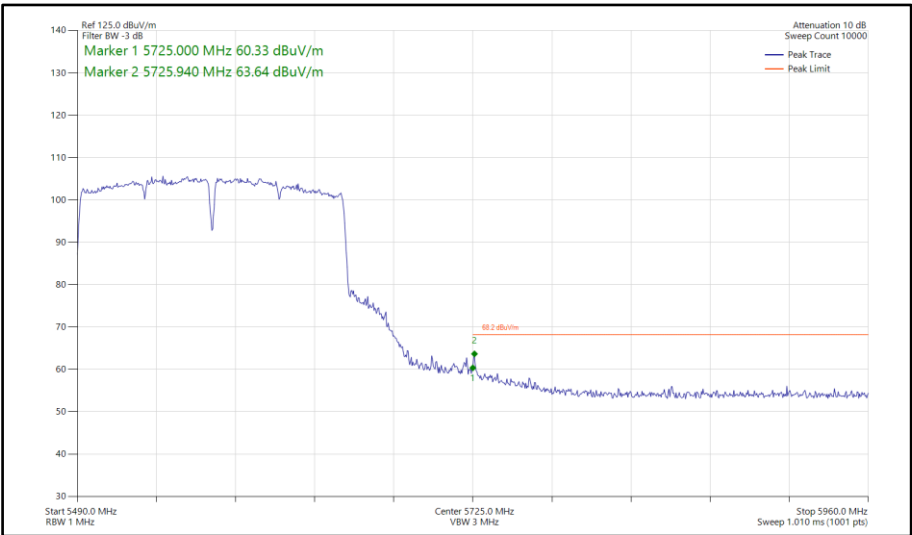


Figure 383 - 802.11ac VHT160, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz

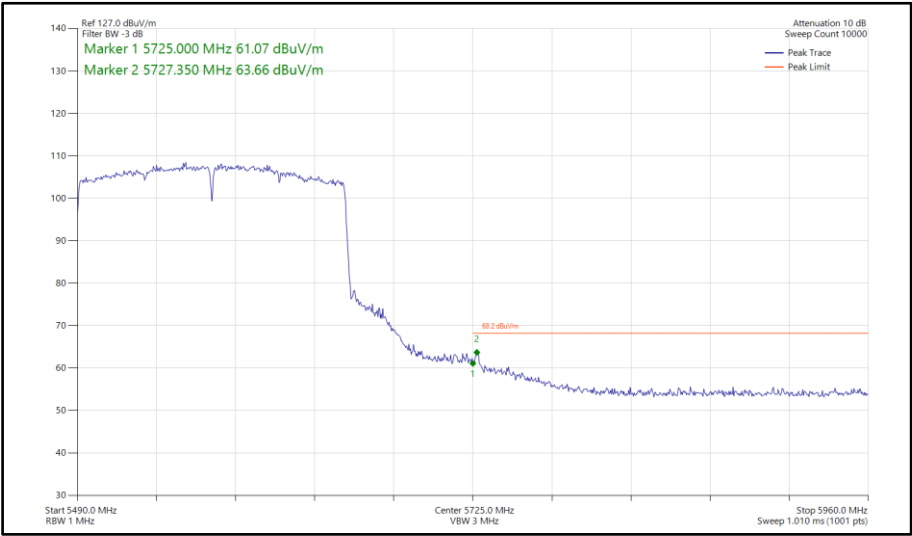


**Figure 384 - 802.11ax HE160, SU, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz**

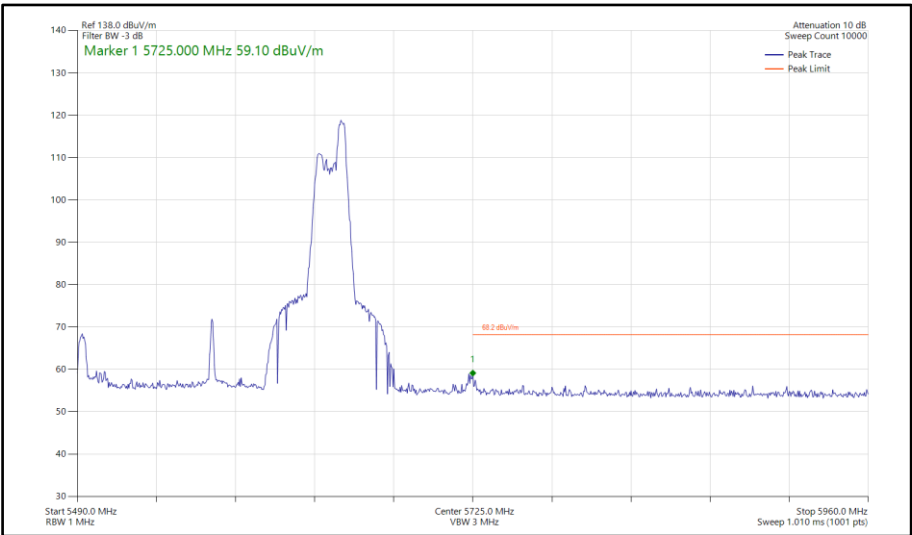


**Figure 385 - 802.11ax HE160, RU 52-52S, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz**

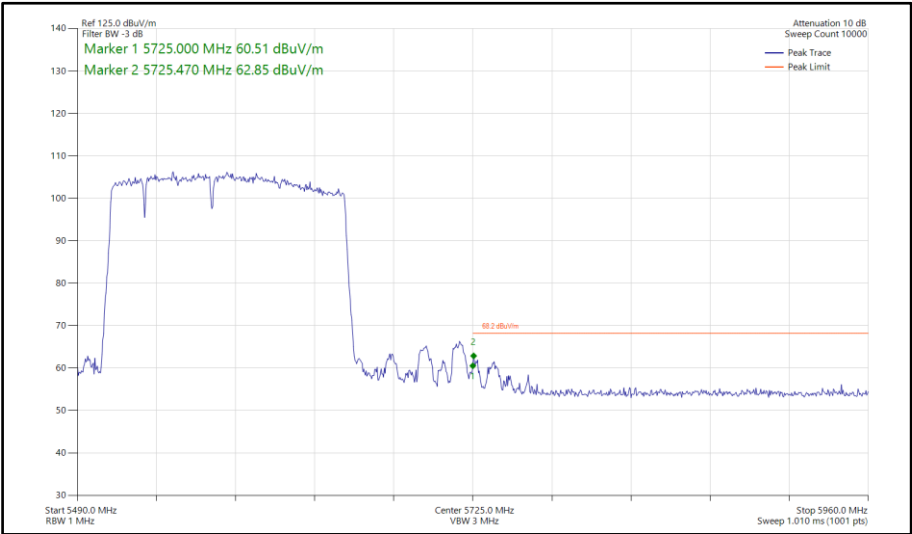


**Figure 386 - 802.11be EHT160, RU 996+484+242-96P SISO, Core 1 - 5570 MHz
Band Edge Frequency 5725 MHz**



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	58.83
802.11ac VHT160	MCS 9x1	-	-	5570	5470	61.73
802.11ax HE160	MCS 11x1	SU	-	5570	5470	63.57
802.11ax HE160	MCS 11x1	106	53P	5570	5470	63.36
802.11be EHT160	MCS 9	996+484+242	98P	5570	5470	62.15
802.11a a160	54 Mbps	-	-	5570	5725	55.60
802.11ac VHT160	MCS 9x1	-	-	5570	5725	61.73
802.11ax HE160	MCS 11x1	SU	-	5570	5725	61.49
802.11ax HE160	MCS 11x1	52	52S	5570	5725	58.18
802.11be EHT160	MCSMCS 9	996+484+242	99P	5570	5725	60.74

Table 52 - CDD Authorised Band Edge Results

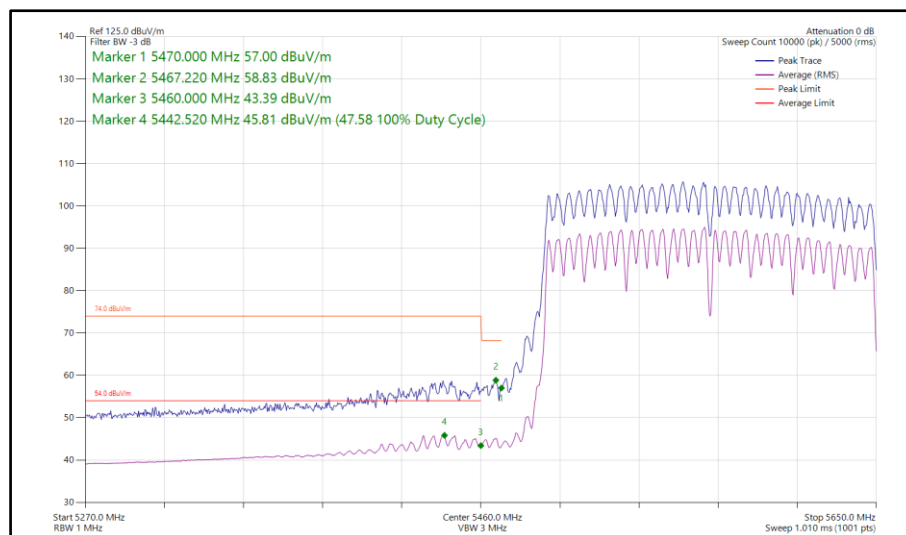


**Figure 387 - 802.11a a160, CDD, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz**

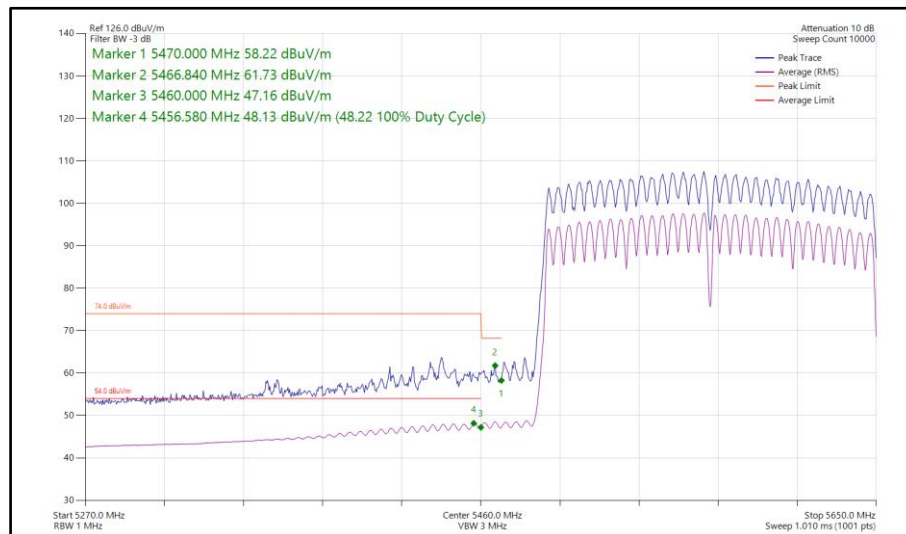


**Figure 388 - 802.11ac VHT160, CDD, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz**

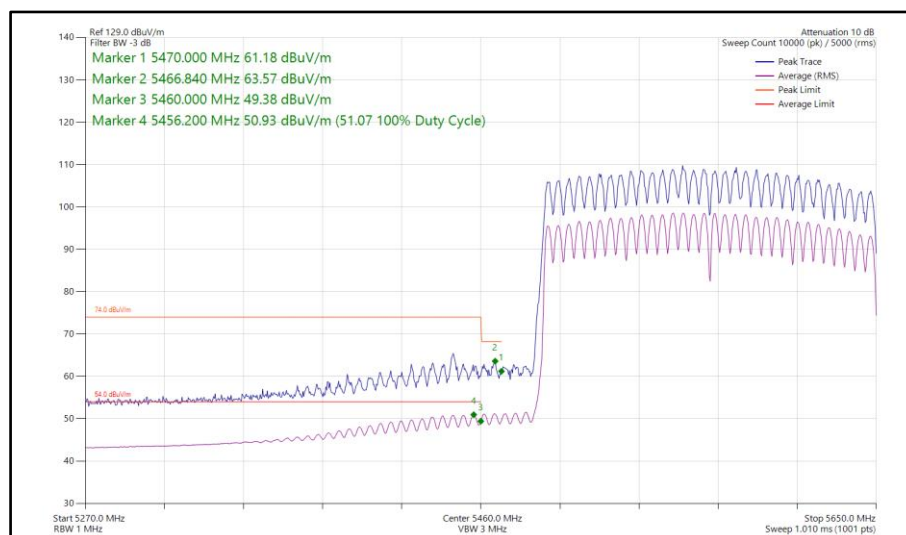


**Figure 389 - 802.11ax HE160, SU, CDD, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz**

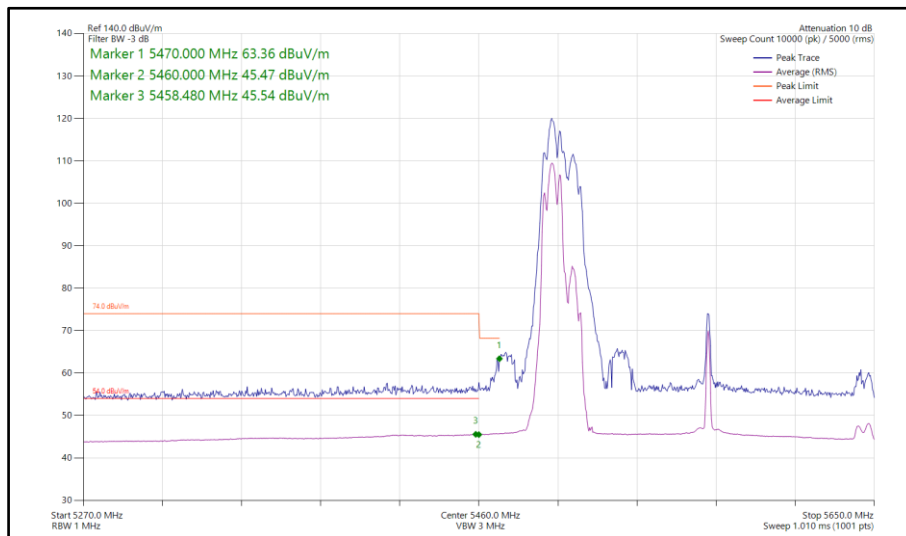


**Figure 390 - 802.11ax HE160, RU 106-53P, CDD, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz**

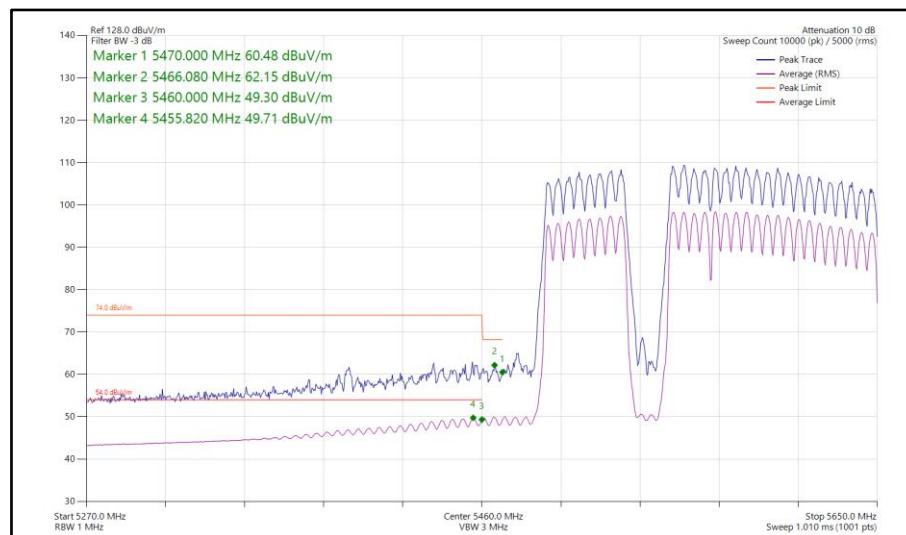


**Figure 391 - 802.11be EHT160, RU 996+484+242-98P, CDD, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz**

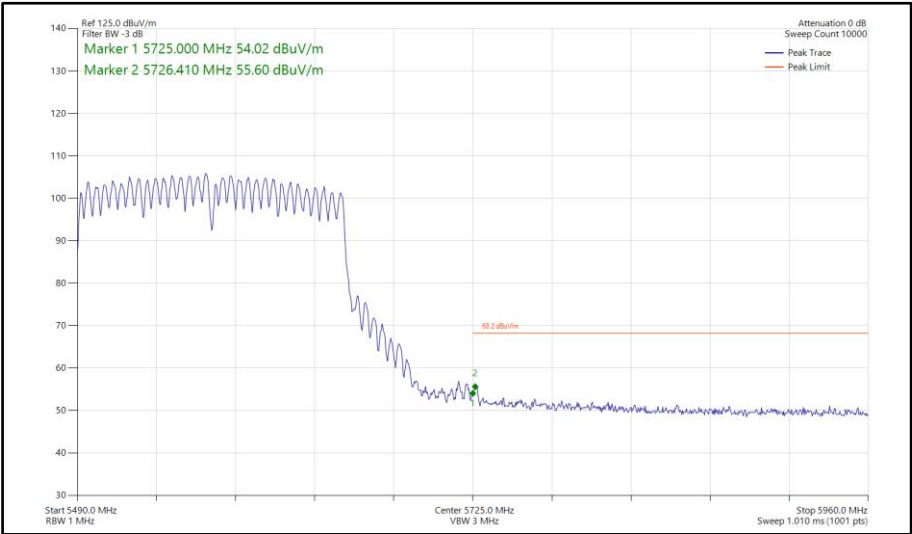


Figure 392 - 802.11a a160, CDD, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz

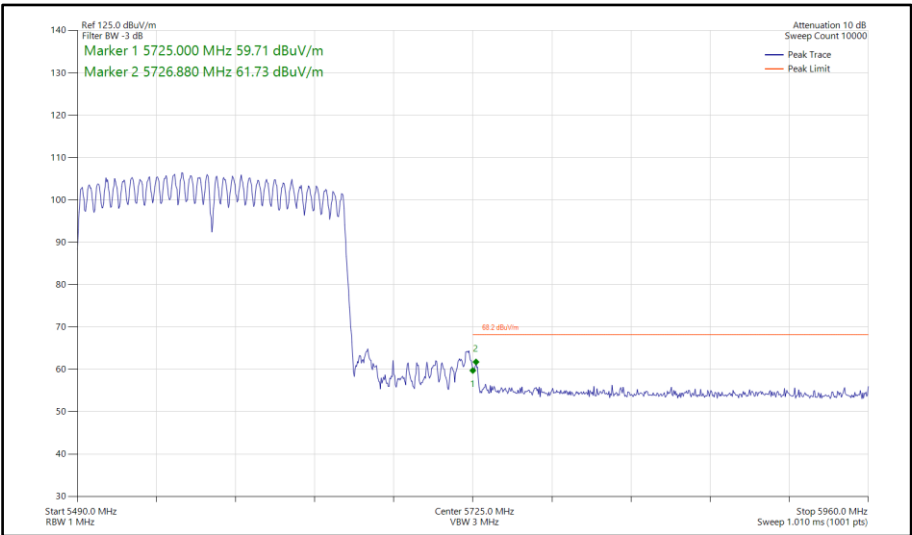


Figure 393 - 802.11ac VHT160, CDD, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz

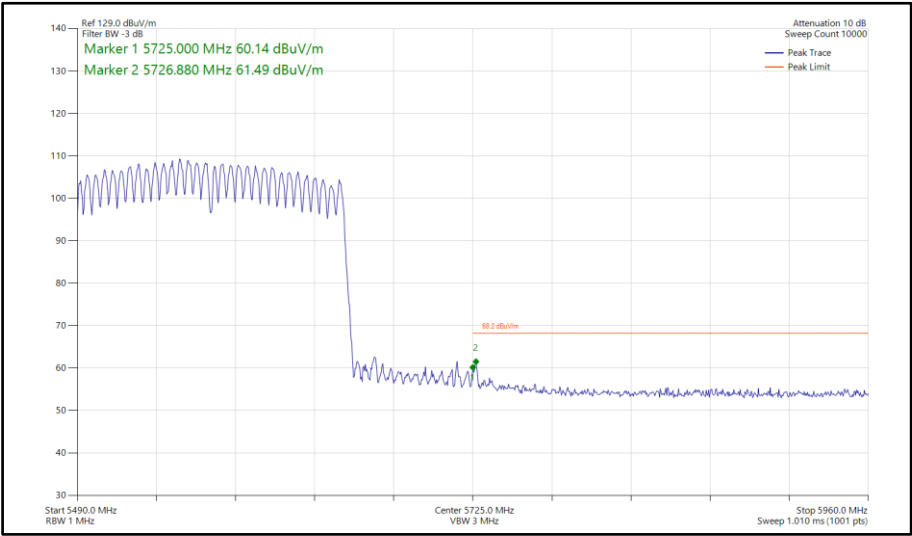


Figure 394 - 802.11ax HE160, SU, CDD, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz

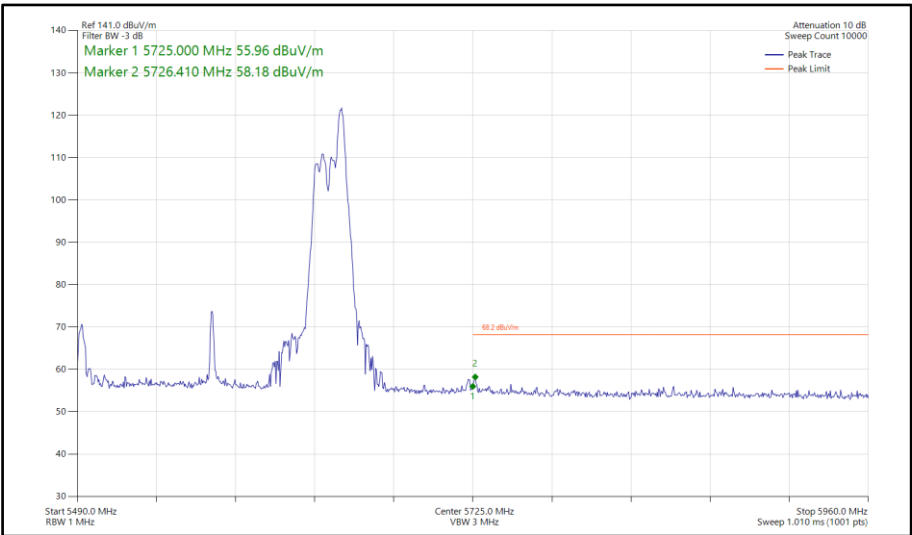


Figure 395 - 802.11ax HE160, RU 52-52S, CDD, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz

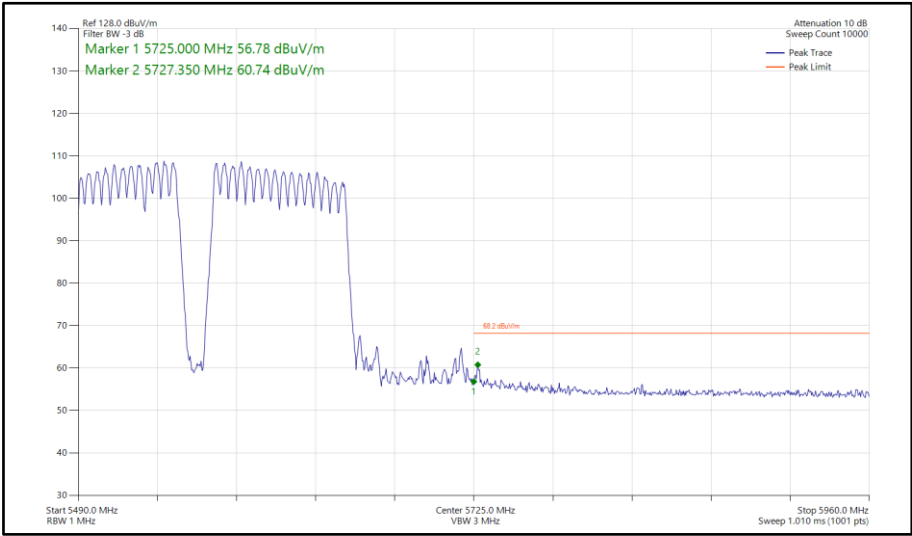


**Figure 396 - 802.11be EHT160, RU 996+484+242-99P, CDD, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz**

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 2x2	-	-	5570	5470	62.62
802.11ax HE160	MCS 2x2	SU	-	5570	5470	62.61
802.11ax HE160	MCS 11x2	52	37P	5570	5470	58.72
802.11be EHT160	MCS 9x2	996+484	95S	5570	5470	62.46
802.11ac VHT160	MCS 2x2	-	-	5570	5725	60.37
802.11ax HE160	MCS 2x2	SU	-	5570	5725	62.16
802.11ax HE160	MCS 11x2	52	52S	5570	5725	58.12
802.11be EHT160	MCS 9x2	996+484	94S	5570	5725	60.96

Table 53 - SDM Authorised Band Edge Results

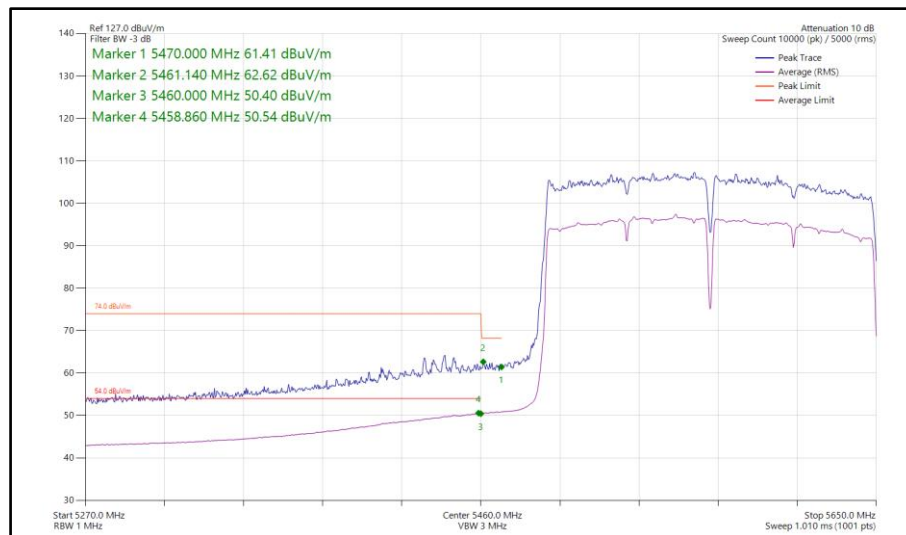


Figure 397 - 802.11ac VHT160, SDM, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz

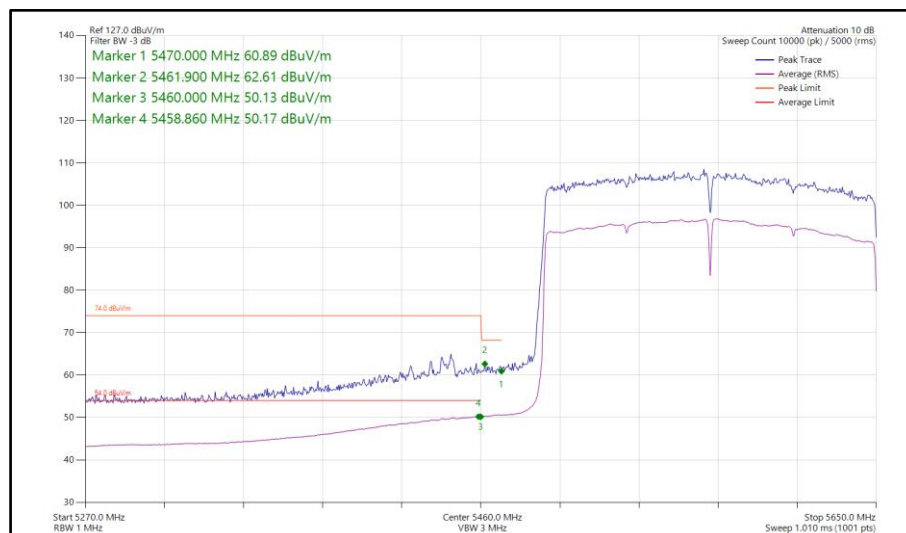


**Figure 398 - 802.11ax HE160, SU, SDM, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz**

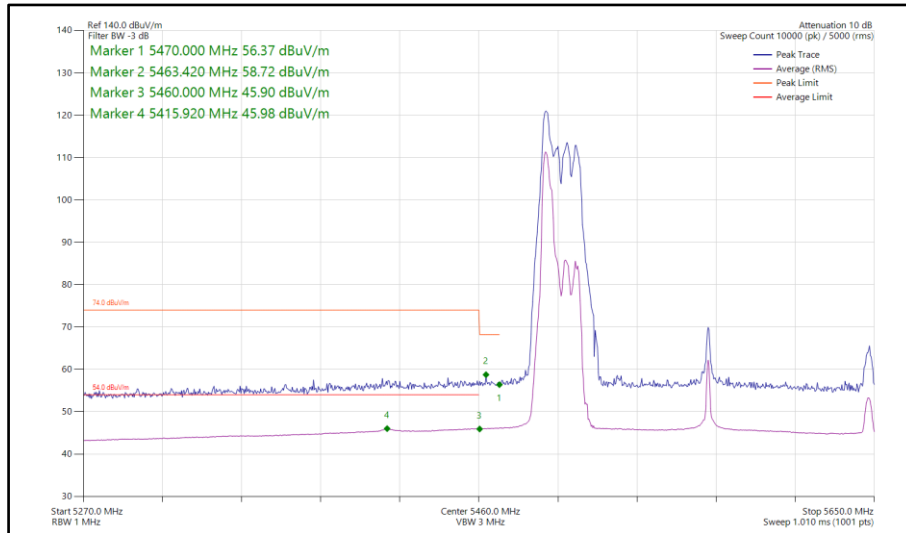


**Figure 399 - 802.11ax HE160, RU 52-37P, SDM, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz**

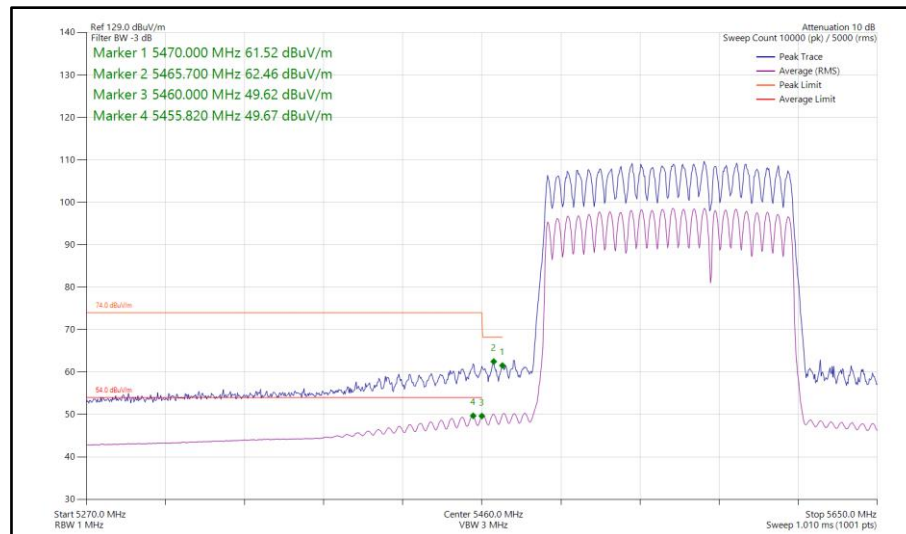


**Figure 400 - 802.11be EHT160, RU 996+484-95S, SDM, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz**

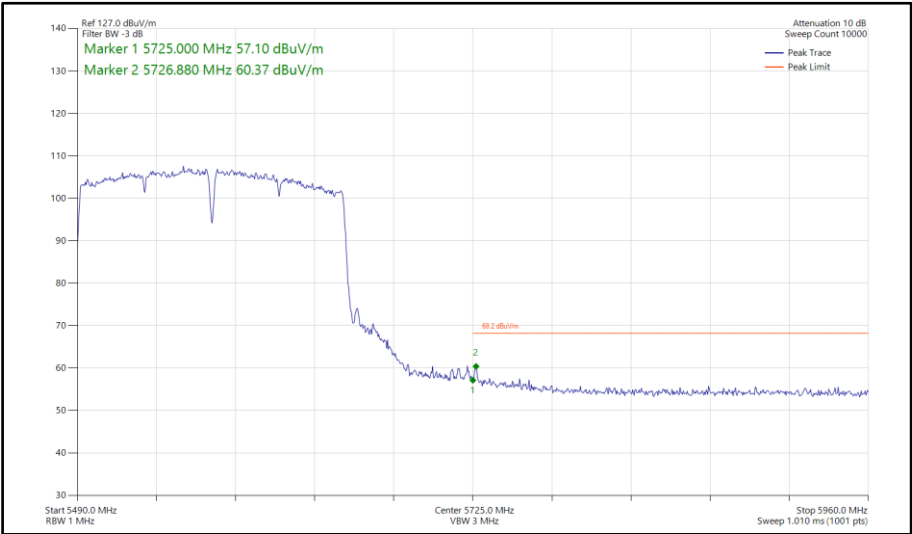


Figure 401 - 802.11ac VHT160, SDM, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz

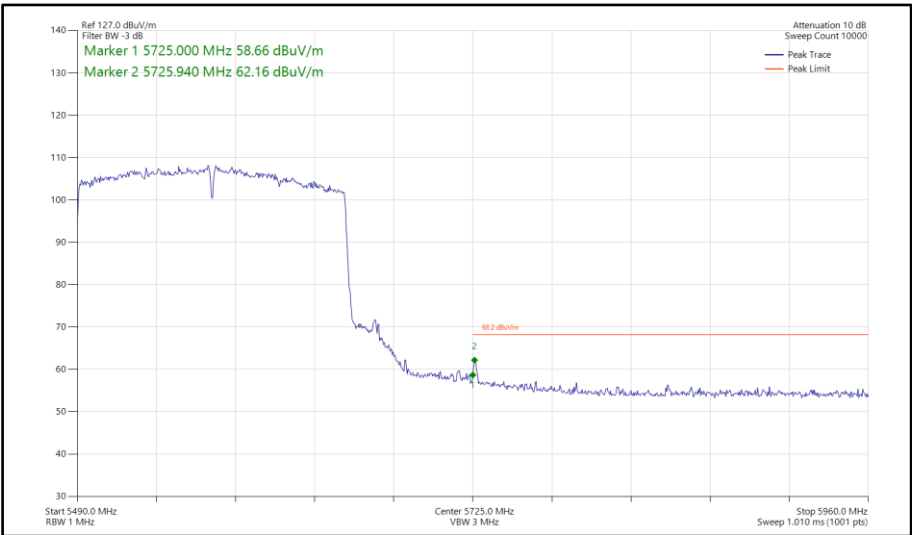


Figure 402 - 802.11ax HE160, SU, SDM, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz

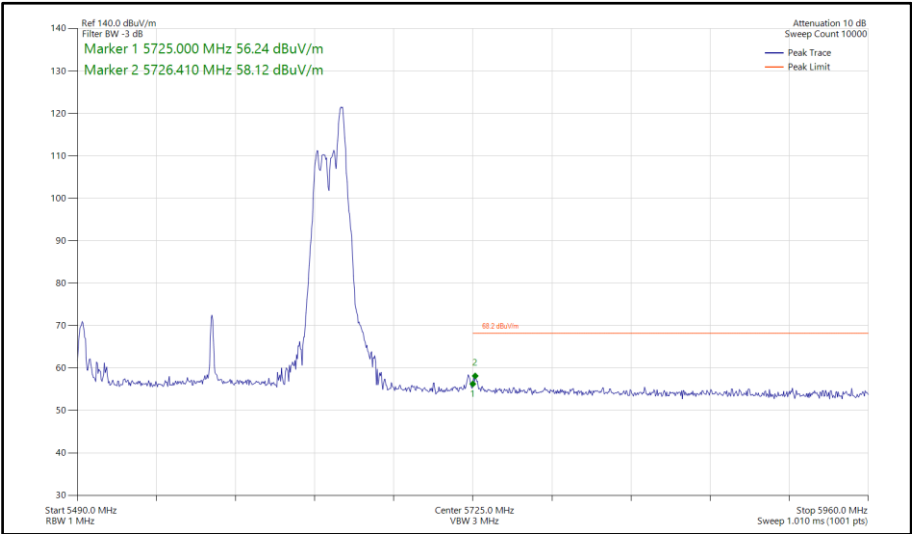


Figure 403 - 802.11ax HE160, RU 52-52S, SDM, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz

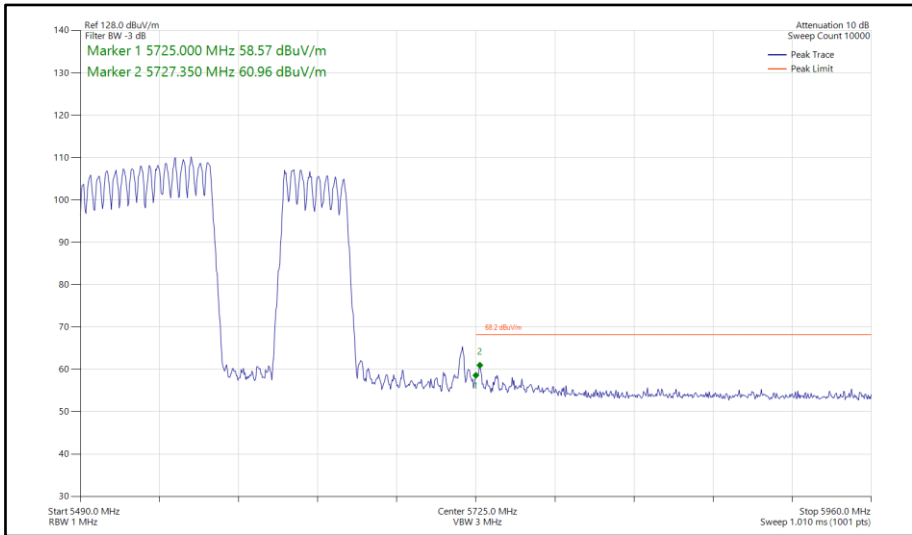


Figure 404 - 802.11be EHT160, RU 996+484-94S, SDM, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz

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 2x1	-	-	5570	5470	63.58
802.11ax HE160	MCS 11x1	SU	-	5570	5470	63.60
802.11ac VHT160	MCS 9x1	-	-	5570	5725	60.00
802.11ax HE160	MCS 11x1	SU	-	5570	5725	58.31

Table 54 - TxBF Authorised Band Edge Results

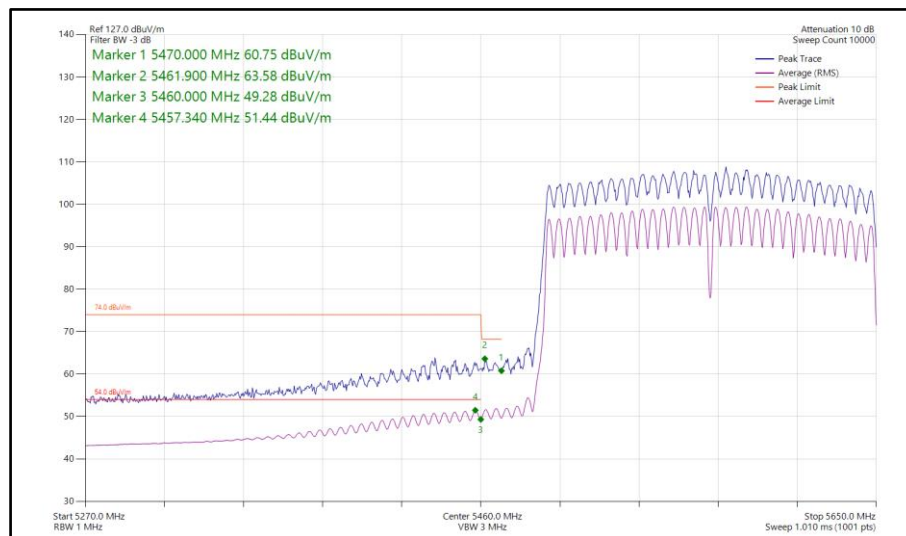


**Figure 405 - 802.11ac VHT160, TxBF, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz**

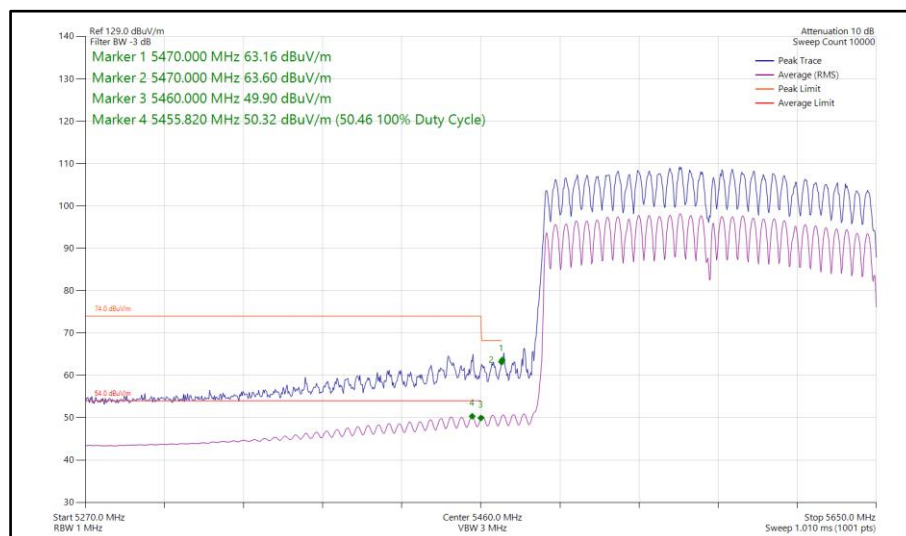


**Figure 406 - 802.11ax HE160, SU, TxBF, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz**

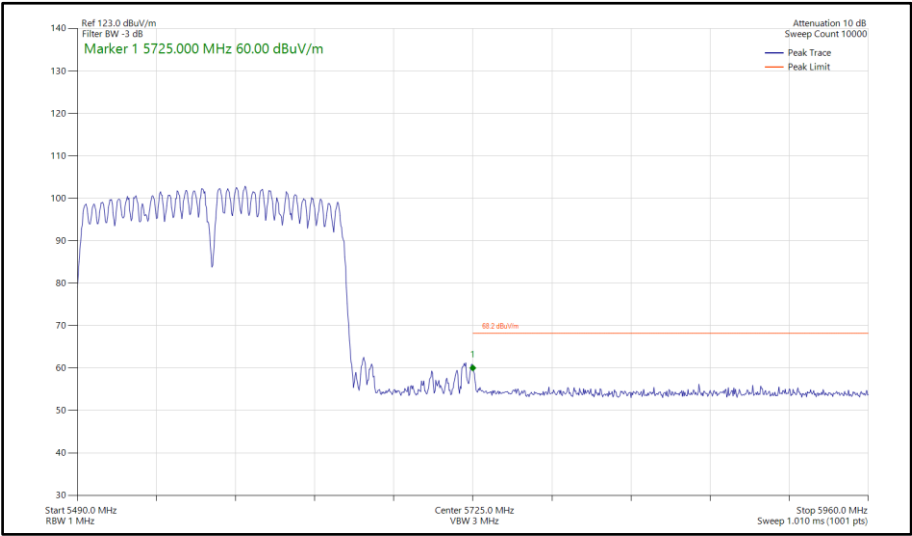


Figure 407 - 802.11ac VHT160, TxBF, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz

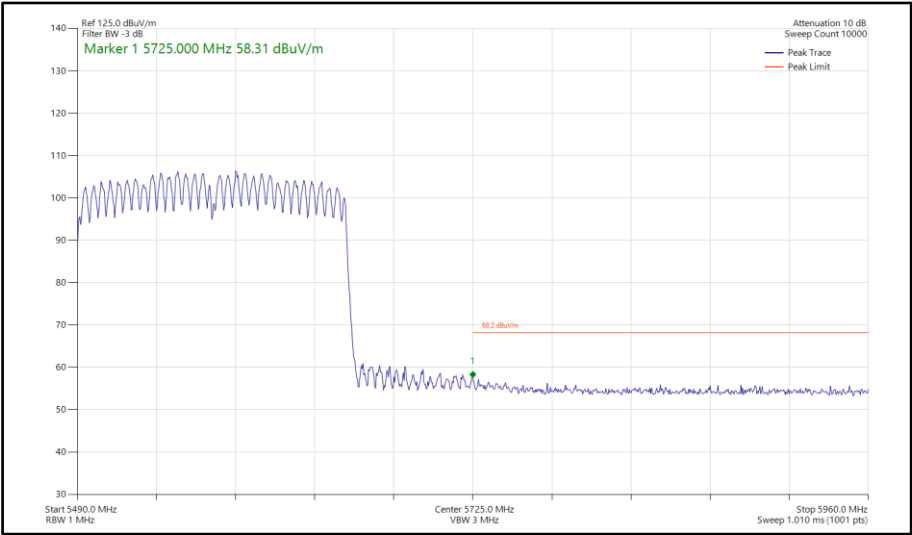


Figure 408 - 802.11ax HE160, SU, TxBF, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz



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.



2.3.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 14.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.6.1 V.	5125	-	O/P Mon
Test Receiver	Rohde & Schwarz	ESW44	5379	12	25-Nov-2026
EMI Test Receiver	Rohde & Schwarz	ESW44	5912	12	04-Sep-2026
1500W (300V 12A) AC Power Supply	iTech	IT7324	5955	-	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
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
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
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6007	12	06-Jun-2026
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6008	12	23-May-2026
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6018	12	12-Jun-2026
Horn Antenna (1-10.5 GHz)	Schwarzbeck	BBHA9120B	6140	12	14-Sep-2026
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6142	12	14-Sep-2026
Digital Multimeter	Fluke	115	6145	12	06-Jun-2026
Digital Multimeter	Fluke	115	6147	12	05-Jun-2026
Humidity & Temperature meter	R.S Components	1364	6148	12	28-Aug-2026
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	24-Feb-2026
USB Spectrum Analyser	Signal Hound	SA124B	6295	-	TU
USB Spectrum Analyser	Signal Hound	SA124B	6296	-	TU
USB Spectrum Analyser	Signal Hound	SA124B	6298	-	TU
Cable (SMA to SMA 1m)	Junkosha	MWX221/B	6305	12	23-May-2026
Digital Multimeter	Fluke	115	6345	12	24-Jul-2026
Humidity and Temperature Meter	R.S Components	1364	6346	12	13-Mar-2026



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
SAC Switch Unit	TUV SUD	TUV_SSU_004 PLC	6349	12	16-May-2026
1m Coaxial Cable Assy	Junkosha	MWX221-01000AMSAMS/A	6354	12	15-Apr-2026
USB Spectrum Analyser	Signal Hound	SA124B	6383	-	TU
Horn Antenna (1–10.5 GHz)	Schwarzbeck	BBHA 9120 B	6457	12	14-Sep-2026
3m Semi-Anechoic Chamber	Albatross Projects	Chamber 18	6597	36	08-May-2028
AC Power Supply	iTech	IT7324	6657	-	O/P Mon
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
1m Cable	Junkosha	MWX241-01000AMSAMS/B	6741	12	27-Apr-2026
8m Cable	Junkosha	MWX221-08000AMSAMS/B	6748	12	27-Apr-2026
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	6795	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	6796	-	TU
Turntable	Maturo Gmbh	TT1.5SI	6797	-	TU
EMI Test Receiver	Rohde & Schwarz	ESW44	6805	12	24-Jul-2026
AC Programmable Power Supply	iTech	IT7324	6812	-	O/P Mon
Broad-Band Horn Antenna 1-10GHz N	Schwarzbeck	BBHA9120B	6825	12	14-Sep-2026
Handheld Hygrometer	Fluke	971	6837	12	16-Sep-2026
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6847	12	06-Nov-2026
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
Cable Assembly	Pasternack	PE300-60	6857	-	TU
Cable Assembly	Pasternack	PE300-60	6858	-	TU
Cable Assembly	Pasternack	PE300-60	6859	-	TU
Cable Assembly	Pasternack	PE300-60	6860	-	TU
Cable Assembly	Pasternack	PE300-60	6861	-	TU
Cable Assembly	Pasternack	PE300-60	6863	-	TU
Cable Assembly	Pasternack	PE300-60	6864	-	TU
Cable Assembly	Pasternack	PE300-60	6866	-	TU
Cable Assembly	Pasternack	PE300-60	6867	-	TU



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
SAC Switch Unit	TUV SUD	TUV_SSU_004 PLC	6886	12	02-Dec-2026
RF Amplifier BROADBAND AMPL/SMA/RoHS	Mini-Circuits	ZX60-83LN12+	6975	12	05-Apr-2026
RF Amplifier BROADBAND AMPL/SMA/RoHS	Mini-Circuits	ZX60-83LN12+	6977	12	05-Apr-2026
RF Amplifier BROADBAND AMPL/SMA/RoHS	Mini-Circuits	ZX60-83LN12+	6978	12	05-Apr-2026
RF Amplifier BROADBAND AMPL/SMA/RoHS	Mini-Circuits	ZX60-83LN12+	6979	12	05-Apr-2026

Table 55

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



2.4 Maximum Conducted Power Spectral Density

2.4.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (a)
ISED RSS-247, Clause 7.3

2.4.2 Equipment Under Test and Modification State

A3428, S/N: G9F4Y6NJ31 - Modification State 0
A3428, S/N: DJQ7J7L5JK - Modification State 0

2.4.3 Date of Test

19-December-2025 to 23-January-2026

2.4.4 Test Method

The test was performed in accordance with ANSI C63.10 2013 clause 12.6 for FCC measurements and ANSI C63.10 2020 clause 12.5 for ISED measurements.

Where the EUT duty cycle was < 98 % and repeatable within 2 %, the spectrum analyser was set to trace (power) averaging and a duty cycle correction was added as calculated in the result tables below (Method SA-2). Where the duty cycle was = 98 % the spectrum analyser was set to trace (power) averaging and no duty cycle correction made (Method SA-1). In all other cases the spectrum analyser trace was set to max hold (Method SA-3).

Results for the U-NII-3 band were measured in a narrower bandwidth and integrated over 500 kHz using the spectrum analyzers channel power integration function.

The output power was verified as being the same from each transmit core (within negligible tolerances), but the antenna gains were not identical. Therefore, the modes reported for SISO or 2TX MIMO operation are those giving the highest EIRP and/or lowest conducted limit based on the combination of antennas giving highest total directional gain.

MIMO output port summing was performed in accordance with KDB 662911 D01:

For the CDD results the Directional Gain was calculated in accordance with the equation given in clause F)2)f)(ii) summed for a single spacial stream.

For SDM modes Directional Gain was calculated in accordance with clause F)2)d)(ii).

For transmit beamforming (TxBF) mode it was calculated in accordance with clause F)2)d)(i).

2.4.5 Environmental Conditions

Ambient Temperature	24.0 - 24.7 °C
Relative Humidity	33.6 - 42.4 %



2.4.6 Test Results

5 GHz WLAN

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11a20	Duty Cycle (%):	100.0
Data Rate:	12 Mbps	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180	7.18	-	-	-	7.18	11.00	-3.82
5220	8.58	-	-	-	8.58	11.00	-2.42
5240	8.75	-	-	-	8.75	11.00	-2.25

Table 56 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11a20	Duty Cycle (%):	100.0
Data Rate:	12 Mbps	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5180	3.73	-	-	-	3.73	4.30	8.03	10.00	-1.97
5220	3.44	-	-	-	3.44	4.30	7.74	10.00	-2.26
5240	3.80	-	-	-	3.80	4.30	8.10	10.00	-1.90

Table 57 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a40	Duty Cycle (%):	69.0
Data Rate:	12 Mbps	DCCF (dB):	1.61
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5190	2.13	-	-	-	2.13	11.00	-8.87
5230	6.39	-	-	-	6.39	11.00	-4.61

Table 58 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a40	Duty Cycle (%):	68.0
Data Rate:	12 Mbps	DCCF (dB):	1.68
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5190	2.28	-	-	-	2.28	4.30	6.58	10.00	-3.42
5230	3.73	-	-	-	3.73	4.30	8.03	10.00	-1.97

Table 59 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a80	Duty Cycle (%):	74.6
Data Rate:	12 Mbps	DCCF (dB):	1.28
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5210	-1.84	-	-	-	-1.84	11.00	-12.84

Table 60 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a80	Duty Cycle (%):	76.7
Data Rate:	12 Mbps	DCCF (dB):	1.15
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5210	-2.33	-	-	-	-2.33	4.30	1.97	10.00	-8.03

Table 61 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a160	Duty Cycle (%):	57.4
Data Rate:	12 Mbps	DCCF (dB):	2.41
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5250	-7.82	-	-	-	-7.82	11.00	-18.82

Table 62 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5250	-7.82	-	-	-	-7.82	4.30	-3.52	10.00	-13.52

Table 63 - ISD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180	7.52	-	-	-	7.52	11.00	-3.48
5220	9.12	-	-	-	9.12	11.00	-1.88
5240	9.43	-	-	-	9.43	11.00	-1.57

Table 64 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5180	3.95	-	-	-	3.95	4.30	8.25	10.00	-1.75
5220	3.63	-	-	-	3.63	4.30	7.93	10.00	-2.07
5240	3.64	-	-	-	3.64	4.30	7.94	10.00	-2.06

Table 65 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5190	2.40	-	-	-	2.40	11.00	-8.60
5230	6.01	-	-	-	6.01	11.00	-4.99

Table 66 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5190	2.00	-	-	-	2.00	4.30	6.30	10.00	-3.70
5230	3.18	-	-	-	3.18	4.30	7.48	10.00	-2.52

Table 67 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5210	-2.81	-	-	-	-2.81	11.00	-13.81

Table 68 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5210	-3.12	-	-	-	-3.12	4.30	1.18	10.00	-8.82

Table 69 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5250	-6.84	-	-	-	-6.84	11.00	-17.84

Table 70 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5250	-6.84	-	-	-	-6.84	4.30	-2.54	10.00	-12.54

Table 71 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180	7.40	-	-	-	7.40	11.00	-3.60
5220	8.67	-	-	-	8.67	11.00	-2.33
5240	8.94	-	-	-	8.94	11.00	-2.06

Table 72 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5180	3.52	-	-	-	3.52	4.30	7.82	10.00	-2.18
5220	3.91	-	-	-	3.91	4.30	8.21	10.00	-1.79
5240	3.85	-	-	-	3.85	4.30	8.15	10.00	-1.85

Table 73 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5190	1.99	-	-	-	1.99	11.00	-9.01
5230	5.94	-	-	-	5.94	11.00	-5.06

Table 74 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5190	1.93	-	-	-	1.93	4.30	6.23	10.00	-3.77
5230	3.40	-	-	-	3.40	4.30	7.70	10.00	-2.30

Table 75 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5210	-2.78	-	-	-	-2.78	11.00	-13.78

Table 76 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5210	-3.12	-	-	-	-3.12	4.30	1.18	10.00	-8.82

Table 77 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5250	-5.93	-	-	-	-5.93	11.00	-16.93

Table 78 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5250	-5.93	-	-	-	-5.93	4.30	-1.63	10.00	-11.63

Table 79 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11a20	Duty Cycle (%):	100.0
Data Rate:	12 Mbps	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180	-	7.44	-	-	7.44	11.00	-3.56
5220	-	9.09	-	-	9.09	11.00	-1.91
5240	-	9.18	-	-	9.18	11.00	-1.82

Table 80 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11a20	Duty Cycle (%):	100.0
Data Rate:	12 Mbps	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5180	-	1.94	-	-	1.94	6.00	7.94	10.00	-2.06
5220	-	1.85	-	-	1.85	6.00	7.85	10.00	-2.15
5240	-	1.87	-	-	1.87	6.00	7.87	10.00	-2.13

Table 81 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a40	Duty Cycle (%):	46.7
Data Rate:	12 Mbps	DCCF (dB):	3.31
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5190	-	-3.47	-	-	-3.47	11.00	-14.47
5230	-	1.51	-	-	1.51	11.00	-9.49

Table 82 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a40	Duty Cycle (%):	44.8
Data Rate:	12 Mbps	DCCF (dB):	3.49
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5190	-	2.51	-	-	2.51	6.00	8.51	10.00	-1.49
5230	-	1.84	-	-	1.84	6.00	7.84	10.00	-2.16

Table 83 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a80	Duty Cycle (%):	58.6
Data Rate:	12 Mbps	DCCF (dB):	2.32
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5210	-	-5.95	-	-	-5.95	11.00	-16.95

Table 84 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a80	Duty Cycle (%):	55.9
Data Rate:	12 Mbps	DCCF (dB):	2.53
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5210	-	-0.39	-	-	-0.39	6.00	5.61	10.00	-4.39

Table 85 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a160	Duty Cycle (%):	33.6
Data Rate:	12 Mbps	DCCF (dB):	4.73
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5250	-	-7.02	-	-	-7.02	11.00	-18.02

Table 86 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5250	-	-7.02	-	-	-7.02	6.00	-1.02	10.00	-11.02

Table 87 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180	-	7.22	-	-	7.22	11.00	-3.78
5200	-	9.28	-	-	9.28	11.00	-1.72
5220	-	8.81	-	-	8.81	11.00	-2.19
5240	-	8.67	-	-	8.67	11.00	-2.33

Table 88 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5180	-	1.66	-	-	1.66	6.00	7.66	10.00	-2.34
5220	-	1.85	-	-	1.85	6.00	7.85	10.00	-2.15
5240	-	2.09	-	-	2.09	6.00	8.09	10.00	-1.91

Table 89 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5190	-	2.98	-	-	2.98	11.00	-8.02
5230	-	6.04	-	-	6.04	11.00	-4.96

Table 90 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5190	-	1.24	-	-	1.24	6.00	7.24	10.00	-2.76
5230	-	1.41	-	-	1.41	6.00	7.41	10.00	-2.59

Table 91 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5210	-	0.15	-	-	0.15	11.00	-10.85

Table 92 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5210	-	-1.49	-	-	-1.49	6.00	4.51	10.00	-5.49

Table 93 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5250	-	-6.27	-	-	-6.27	11.00	-17.27

Table 94 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5250	-	-6.27	-	-	-6.27	6.00	-0.27	10.00	-10.27

Table 95 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180	-	7.18	-	-	7.18	11.00	-3.82
5220	-	8.92	-	-	8.92	11.00	-2.08
5240	-	8.87	-	-	8.87	11.00	-2.13

Table 96 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5180	-	1.89	-	-	1.89	6.00	7.89	10.00	-2.11
5200	-	2.15	-	-	2.15	6.00	8.15	10.00	-1.85
5220	-	2.21	-	-	2.21	6.00	8.21	10.00	-1.79
5240	-	2.10	-	-	2.10	6.00	8.10	10.00	-1.90

Table 97 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5190	-	2.83	-	-	2.83	11.00	-8.17
5230	-	6.03	-	-	6.03	11.00	-4.97

Table 98 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5190	-	1.73	-	-	1.73	6.00	7.73	10.00	-2.27
5230	-	1.81	-	-	1.81	6.00	7.81	10.00	-2.19

Table 99 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5210	-	0.11	-	-	0.11	11.00	-10.89

Table 100 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5210	-	-1.53	-	-	-1.53	6.00	4.47	10.00	-5.53

Table 101 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.00
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5250	-	-6.17	-	-	-6.17	11.00	-17.17

Table 102 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5250	-	-6.17	-	-	-6.17	6.00	-0.17	10.00	-10.17

Table 103 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11a20	Duty Cycle (%):	100.0
Data Rate:	12 Mbps	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260	9.02	-	-	-	9.02	11.00	-1.98
5300	8.91	-	-	-	8.91	11.00	-2.09
5320	7.52	-	-	-	7.52	11.00	-3.48

Table 104 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a40	Duty Cycle (%):	30.8
Data Rate:	12 Mbps	DCCF (dB):	5.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5270	6.33	-	-	-	6.33	11.00	-4.67
5310	1.55	-	-	-	1.55	11.00	-9.45

Table 105 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a80	Duty Cycle (%):	40.5
Data Rate:	12 Mbps	DCCF (dB):	3.93
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5290	-2.41	-	-	-	-2.41	11.00	-13.41

Table 106 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a160	Duty Cycle (%):	57.4
Data Rate:	12 Mbps	DCCF (dB):	2.41
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5250	-8.28	-	-	-	-8.28	11.00	-19.28

Table 107 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260	9.00	-	-	-	9.00	11.00	-2.00
5300	9.15	-	-	-	9.15	11.00	-1.85
5320	7.58	-	-	-	7.58	11.00	-3.42

Table 108 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5270	6.16	-	-	-	6.16	11.00	-4.84
5310	1.60	-	-	-	1.60	11.00	-9.40

Table 109 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5290	-2.88	-	-	-	-2.88	11.00	-13.88

Table 110 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5250	-6.99	-	-	-	-6.99	11.00	-17.99

Table 111 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260	8.85	-	-	-	8.85	11.00	-2.15
5300	8.93	-	-	-	8.93	11.00	-2.07
5320	6.30	-	-	-	6.30	11.00	-4.70

Table 112 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5270	5.40	-	-	-	5.40	11.00	-5.60
5310	1.41	-	-	-	1.41	11.00	-9.59

Table 113 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5290	-3.22	-	-	-	-3.22	11.00	-14.22

Table 114 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5250	-5.92	-	-	-	-5.92	11.00	-16.92

Table 115 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a20	Duty Cycle (%):	99.4
Data Rate:	12 Mbps	DCCF (dB):	0.03
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260	-	8.94	-	-	8.94	10.90	-1.96
5300	-	8.62	-	-	8.62	10.90	-2.28
5320	-	7.31	-	-	7.31	10.90	-3.59

Table 116 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260	-	8.94	-	-	8.94	11.00	-2.06
5300	-	8.62	-	-	8.62	11.00	-2.38
5320	-	7.31	-	-	7.31	11.00	-3.69

Table 117 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a40	Duty Cycle (%):	20.8
Data Rate:	12 Mbps	DCCF (dB):	6.83
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5270	-	6.20	-	-	6.20	10.90	-4.70
5310	-	1.64	-	-	1.64	10.90	-9.26

Table 118 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5270	-	6.20	-	-	6.20	11.00	-4.80
5310	-	1.64	-	-	1.64	11.00	-9.36

Table 119 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a80	Duty Cycle (%):	22.6
Data Rate:	12 Mbps	DCCF (dB):	6.45
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5290	-	-2.04	-	-	-2.04	10.90	-12.94

Table 120 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5290	-	-2.04	-	-	-2.04	11.00	-13.04

Table 121 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a160	Duty Cycle (%):	33.6
Data Rate:	12 Mbps	DCCF (dB):	4.73
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5250	-	-6.79	-	-	-6.79	10.90	-17.69

Table 122 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5250	-	-6.79	-	-	-6.79	11.00	-17.79

Table 123 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	99.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.02
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260	-	8.78	-	-	8.78	10.90	-2.12
5300	-	8.70	-	-	8.70	10.90	-2.20
5320	-	7.45	-	-	7.45	10.90	-3.45

Table 124 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260	-	8.78	-	-	8.78	11.00	-2.22
5300	-	8.70	-	-	8.70	11.00	-2.30
5320	-	7.45	-	-	7.45	11.00	-3.55

Table 125 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	98.2
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.08
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5270	-	6.13	-	-	6.13	10.90	-4.77
5310	-	1.40	-	-	1.40	10.90	-9.50

Table 126 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5270	-	6.13	-	-	6.13	11.00	-4.87
5310	-	1.40	-	-	1.40	11.00	-9.60

Table 127 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	99.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.03
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5290	-	-2.41	-	-	-2.41	10.90	-13.31

Table 128 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5290	-	-2.41	-	-	-2.41	11.00	-13.41

Table 129 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.00
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5250	-	-6.48	-	-	-6.48	10.90	-17.38

Table 130 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5250	-	-6.48	-	-	-6.48	11.00	-17.48

Table 131 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	99.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.03
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260	-	8.89	-	-	8.89	10.90	-2.01
5300	-	8.82	-	-	8.82	10.90	-2.08
5320	-	6.42	-	-	6.42	10.90	-4.48

Table 132 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260	-	8.89	-	-	8.89	11.00	-2.11
5300	-	8.82	-	-	8.82	11.00	-2.18
5320	-	6.42	-	-	6.42	11.00	-4.58

Table 133 - ISSED Maximum Power Spectral Density Results