FCC and ISED Test Report

Apple Inc
Model: A2330

In accordance with FCC 47 CFR Part 15E, ISED RSS-247 and ISED RSS-GEN (5 GHz WLAN)

Prepared for: Apple Inc
One Apple Park Way, Cupertino, California 95014, USA

FCC ID: BCGA2330 IC: 579C-A2330

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SIGNATURE			
P J Harrison			
NAME	**JOB TITLE**	**RESPONSIBLE FOR**	**ISSUE DATE**
Philip Harrison	Senior Engineer	Authorised Signatory	09 June 2020

Signatures in this approval box have checked this document in line with the requirements of TÜV SÜD document control rules.

ENGINEERING STATEMENT

The measurements shown in this report were made in accordance with the procedures described on test pages. All reported testing was carried out on a sample equipment to demonstrate limited compliance with FCC 47 CFR Part 15E, ISED RSS-247 and ISED RSS-GEN. The sample tested was found to comply with the requirements defined in the applied rules.

RESPONSIBLE FOR	NAME	DATE	SIGNATURE
Testing	George Porter	09 June 2020	
Testing	Malik Mohammad	09 June 2020	
Testing	Faisal Malyar	09 June 2020	
Testing	Ahmad Javid	09 June 2020	
Testing	Jaiyanth Balendrarajah	09 June 2020	
Testing	Ainsley Jenkins	09 June 2020	
Testing	Nandhini Mathivanan	09 June 2020	

FCC Accreditation
90987 Octagon House, Fareham Test Laboratory

ISED Accreditation
12669A Octagon House, Fareham Test Laboratory

EXECUTIVE SUMMARY

A sample of this product was tested and found to be compliant with FCC 47 CFR Part 15E: 2019, ISED RSS-247: Issue 2 (2017-02) and ISED RSS-GEN: Issue 5 A1 (2019-03) for the tests detailed in section 1.3.

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1 Report Summary

1.1 Report Modification Record

Alterations and additions to this report will be issued to the holders of each copy in the form of a complete document.

Issue	Description of Change	Date of Issue
1	First Issue	09 June 2020

Table 1

1.2 Introduction

Applicant	Apple Inc
Manufacturer	Apple Inc
Model Number(s)	A2330
Serial Number(s)	C07CF010PW92, C07CG05BPW8V, C07CG081PW8X and C07CG05KPW8V
Hardware Version(s)	REV1.0
Software Version(s)	20A2236b
Number of Samples Tested	4
Test Specification/Issue/Date	FCC 47 CFR Part 15E: 2019 ISED RSS-247: Issue 2 (2017-02) ISED RSS-GEN: Issue 5 A1 (2019-03)
Order Number Date	0540201015 07-April-2020
Date of Receipt of EUT	21-March-2020
Start of Test	21-March-2020
Finish of Test	29-May-2020
Name of Engineer(s)	George Porter, Malik Mohammad, Faisal Malyar, Ahmad Javid, Jaiyanth Balendrarajah, Ainsley Jenkins and Nandhini Mathivanan
Related Document(s)	ANSI C63.10 (2013) KDB 662911 D01 v02r01 KDB 905462 D02 v02 KDB 789033 D02 v02r01

1.3 Brief Summary of Results

A brief summary of the tests carried out in accordance with FCC 47 CFR Part 15E, ISED RSS-247 and ISED RSS-GEN is shown below.

Section	Specification Clause			Test Description	Result	Comments/Base Standard
	Part 15E	RSS-247	RSS-GEN			
Configuration and Mode: 5 GHz WLAN						
2.1	15.407 (a)	6.2	-	Maximum Conducted Output Power	Pass	ANSI C63.10 (2013) KDB 662911 D01 v02r01
2.2	15.407 (a)	6.2	-	Maximum Conducted Power Spectral Density	Pass	ANSI C63.10 (2013) KDB 662911 D01 v02r01
2.3	15.407 (b)	6.2	-	Authorised Band Edges	Pass	ANSI C63.10 (2013)
2.4	15.205	-	8.10	Restricted Band Edges	Pass	ANSI C63.10 (2013)
2.5	15.407 (a)	6.2	-	Emission Bandwidth	Pass	ANSI C63.10 (2013)
2.6	15.407 (b)	6.2	-	Spurious Radiated Emissions	Pass	ANSI C63.10 (2013)
2.7	15.407 (h)(2)(iii)(iv)	6.3.2(c)(d)(e)		Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period	Pass	KDB 905462 D02 v02
Configuration and Mode: 5 GHz WLAN - Client to Client						
2.7	15.407 (h)(2)(iii)(iv	6.3.2(c)(d)(e)	-	Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period	Pass	KDB 905462 D02 v02

Table 2

1.4 Product Information

1.4.1 Technical Description

The Equipment Under Test (EUT) was a desktop computer with Bluetooth, Bluetooth Low Energy and 802.11 a/b/g/n/ac/ax capabilities in the 2.4 GHz and 5 GHz bands.

1.4.2 Test Modes

The EUT's 5 GHz 802.11 radio supports Single Input/Single Output (SISO) and 2x2 MIMO (Multiple Input/Multiple Output) modes. 802.11n, ac, and ax supported 20 MHz, 40 MHz, and 80 MHz channel bandwidths. 802.11a supports 20 MHz channels only. 802.11ax RU 26 is only supported on U-NII-1 & U-NII-3". 802.11ax RU 52/106/242/484/996 are supported in all 5GHz bands.

802.11a mode supported SISO operation only. 802.11n and ac supported SISO, Cyclic Delay Diversity (CDD), Space Division Multiplexing (SDM) and Transmit Beamforming (TxBF) MIMO modes. 802.11ax supported SISO, CDD and SDM modes.

The EUT supported 802.11ax Single User (SU) operation in all bands. 802.11ax Multi-User (MU-MIMO) was supported only in U-NII-1 and U-NII-3 bands with all Resource Unit (RU) sizes from 26 subcarriers, up to the maximum allowed, dependant on channel bandwidth.

The EUT uses different output powers per core dependent on how many cores are used. The EUT also uses different power tables for Cyclic Delay Diversity (CDD), Space Division Multiplexing (SDM), and transmit beamforming (TxBF) modes. It uses the same conducted power across all cores in any given mode, but due to the different antenna gains the radiated powers per core differ.

US and CA country codes changed the power table used for U-NII band 1. Therefore U-NII-1 channels were tested using both power settings for each country's respective limits.

After preliminary investigations were performed to find worst-case operation, the EUT was tested in the following modes:

- SISO Modes (5 GHz Core 0 for U-NII-1 / 2A / 2C and 5 GHz Core 1 for U-NII-3):
  - 802.11a – 6 Mbps
  - 802.11n HT20 – MCS0
  - 802.11n HT40 – MCS0
  - 802.11ac VHT80 - MCS0x1
  - 802.11ax HE20 SU – MCS0x1
  - 802.11ax HE40 SU – MCS0x1
  - 802.11ax HE80 SU – MCS0x1
  - 802.11ax HE20 MU RU26 – MCS0x1
  - 802.11ax HE40 MU RU26 – MCS0x1
  - 802.11ax HE80 MU RU26 – MCS0x1

- 2x2 MIMO Modes (Core 0+1 for U-NII-1 / 2A / 2C / 3):
  - 802.11n/ac ((V)HT20* - CDD (MCS0), SDM (MCS8) and TxBF (MCS0x1)
  - 802.11n/ac (V)HT40* - CDD (MCS0), SDM (MCS8) and TxBF (MCS0x1)
  - 802.11ac VHT80 – CDD (MCS0x1), SDM (MCS0x2) and TxBF (MCS0x1)
  - 802.11ax HE20 SU – CDD (MCS0x1) and SDM (MCS0x2)
  - 802.11ax HE40 SU – CDD (MCS0x1) and SDM (MCS0x2)
  - 802.11ax HE80 SU – CDD (MCS0x1) and SDM (MCS0x2)
  - 802.11ax HE20 MU RU26 – CDD (MCS0x1) and SDM (MCS0x2)
  - 802.11ax HE40 MU RU26 – CDD (MCS0x1) and SDM (MCS0x2)
  - 802.11ax HE80 MU RU26 – CDD (MCS0x1) and SDM (MCS0x2)

* = 802.11n HT modes were used for CDD and SDM and 802.11ac VHT modes were used for TxBF modes.

1.4.3 Test Setup

For conducted tests the EUT antennas were disconnected and replaced with U.FL to SMA test cables to enable conducted testing on each core. The loss of these test cables were known and compensated for in any conducted measurements.

For transmit beamforming (TxBF) modes the EUT was set up communicating with a support notebook computer provided by the applicant, configured with custom commands to act as an access point. The test laptop was also set to a low output power (approximately 0 dBm) so in conjunction with the rest of the set-up configuration, would give negligible power at the measuring equipment and would not affect the test result. The support laptop's test network set the channel and bandwidth to which the EUT could connect. The EUT then set up a communications link to the support laptop, operating in normal communications mode but with beamforming modes forced on, with auto rate and TPC disabled via terminal commands so the EUT could be limited to worst-case modes. The EUT transmit duty cycle was then maximized by using iPerf bandwidth testing software to keep the transmit output buffer full and generate more traffic from the EUT to the support laptop than the link could sustain. The EUT therefore could fully operate its beamforming mode but with strictly controlled test parameters.

For all other testing except DFS the EUT was put into a continuous transmit test mode with the chipset manufacturer's test commands via a script running in the EUTs terminal application. The EUT then transmitted the required type of packeted 802.11 data frames of fixed length, containing the standard headers and with pseudo-random data content, ensuring the measured signals were representative and contained all the symbols at the highest power control level.

The test setup used for DFS is described in the test result section of the present document.

1.4.4 Antenna Gain Table (5 GHz WLAN)

5 GHz Core 0

Frequency (MHz)	Peak Gain (dBi)	Conducted Cable Loss (dB)
5150 – 5250	3.50	1.20
5250 – 5350	3.00	1.20
5470 – 5725	4.00	1.20
5725 – 5850	2.25	1.20

Table 3

5 GHz Core 1

Frequency (MHz)	Peak Gain (dBi)	Conducted Cable Loss (dB)
5150 – 5250	1.50	1.20
5250 – 5350	1.50	1.20
5470 – 5725	2.75	1.20
5725 – 5850	2.50	1.20

Table 4

1.5 Deviations from the Standard

No deviations from the applicable test standard were made during testing.

1.6 EUT Modification Record

The table below details modifications made to the EUT during the test programme.

The modifications incorporated during each test are recorded on the appropriate test pages.

Modification State	Description of Modification still fitted to EUT	Modification Fitted By	Date Modification Fitted
Model: A2330, Serial Number: C07CG081PW8X			
0	As supplied by the customer	Not Applicable	Not Applicable
Model: A2330, Serial Number: C07CG05KPW8V			
0	As supplied by the customer	Not Applicable	Not Applicable
Model: A2330, Serial Number: C07CG05BPW8V			
0	As supplied by the customer	Not Applicable	Not Applicable
Model: A2330, Serial Number: C07CF010PW92			
0	As supplied by the customer	Not Applicable	Not Applicable

Table 5

1.7 Test Location

TÜV SÜD conducted the following tests at our Fareham Test Laboratory.

Test Name	Name of Engineer(s)	Accreditation
Configuration and Mode: 5 GHz WLAN		
Maximum Conducted Output Power	George Porter	UKAS
Maximum Conducted Power Spectral Density	George Porter	UKAS
Authorised Band Edges	Malik Mohammad, Faisal Malyar, Ahmad Javid, Jaiyanth Balendrarajah and Ainsley Jenkins, Liang Tian.	UKAS
Restricted Band Edges		UKAS
Emission Bandwidth	George Porter	UKAS
Spurious Radiated Emissions	Malik Mohammad, Faisal Malyar, Ahmad Javid, Jaiyanth Balendrarajah and Ainsley Jenkins, Liang Tian	UKAS
Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period	Nandhini Mathivanan	UKAS
Configuration and Mode: 5 GHz WLAN - Client to Client		
Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period	Nandhini Mathivanan	UKAS

Table 6

Office Address:

Octagon House
Concorde Way
Segensworth North
Fareham
Hampshire
PO15 5RL
United Kingdom

2 Test Details

2.1 Maximum Conducted Output Power

2.1.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (a)
ISED RSS-247, Clause 6.2

2.1.2 Equipment Under Test and Modification State

A2330, S/N: C07CG05BPW8V - Modification State 0

2.1.3 Date of Test

20-April-2020 to 04-May-2020

2.1.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 12.3.3.2 using method PM-G. Since the gated power meter was used for method PM-G the EUT was measured only while transmitting and hence no duty cycle correction was necessary.

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

The EUT has equal conducted powers on all ports for each mode of operation, but unequal antenna gains. Therefore, for SISO and 2TX MIMO modes the EUT was tested on the ports with the highest antenna gain combinations which would result in the highest EIRP output power.

For the CDD results the directional gain was calculated in accordance with clause F)2)f)(ii) using the calculations from F)2)f)(i) with worst-case individual gain and an array gain of zero.

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).

The straddle channels which operate across the U-NII 2C and U-NII 3 boundaries are reported by comparing the total output power to the most stringent U-NII 2C band limit.

2.1.5 Environmental Conditions

Ambient Temperature	20.5 - 25.2 °C
Relative Humidity	26.1 - 44.8 %

2.1.6 Test Results

U-NII-1

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Antenna Directional Gain (dBi)	3.50	3.50	3.50
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Conducted Power (dBm)	16.25	19.99	19.86

Table 7 - 802.11a / 6 Mbps / SISO / Core 0 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power (dBm)	14.70	14.78	14.74
Antenna Directional Gain (dBi)	3.50	3.50	3.50
RSS-247 EIRP Power Limit (dBm)	22.19	22.19	22.19
Total EIRP (dBm)	18.20	18.28	18.24

Table 8 - 802.11a / 6 Mbps / SISO / Core 0 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Antenna Directional Gain (dBi)	3.50	3.50	3.50
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Conducted Power (dBm)	16.31	19.82	19.81

Table 9 - 802.11n / HT20 MCS0 / SISO / Core 0 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power (dBm)	15.38	15.46	15.43
Antenna Directional Gain (dBi)	3.50	3.50	3.50
RSS-247 EIRP Power Limit (dBm)	22.48	22.49	22.49
Total EIRP (dBm)	18.88	18.96	18.93

Table 10 - 802.11n / HT20 MCS0 / SISO / Core 0 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	16.03	16.84	16.94
Conducted Power Core 1 (dBm)	16.21	16.84	16.97
Antenna Directional Gain (dBi)	3.50	3.50	3.50
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Total Conducted Power (dBm)	19.13	19.85	19.96

Table 11 - 802.11n / HT20 MCS0 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	9.74	9.71	9.89
Conducted Power Core 1 (dBm)	9.74	9.99	9.74
Total Conducted Power (dBm)	12.75	12.86	12.83
Antenna Directional Gain (dBi)	3.50	3.50	3.50
RSS-247 EIRP Power Limit (dBm)	22.48	22.48	22.49
Total EIRP (dBm)	16.25	16.36	16.33

Table 12 - 802.11n / HT20 MCS0 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	16.06	16.86	16.81
Conducted Power Core 1 (dBm)	15.99	16.85	16.96
Antenna Directional Gain (dBi)	2.61	2.61	2.61
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Total Conducted Power (dBm)	19.03	19.86	19.90

Table 13 - 802.11n / HT20 MCS8 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	12.76	12.78	12.71
Conducted Power Core 1 (dBm)	12.81	12.84	12.99
Total Conducted Power (dBm)	15.79	15.82	15.86
Antenna Directional Gain (dBi)	2.61	2.61	2.61
RSS-247 EIRP Power Limit (dBm)	22.48	22.48	22.48
Total EIRP (dBm)	18.41	18.43	18.48

Table 14 - 802.11n / HT20 MCS8 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	15.16	16.85	16.70
Conducted Power Core 1 (dBm)	15.18	16.97	16.95
Antenna Directional Gain (dBi)	5.57	5.57	5.57
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Total Conducted Power (dBm)	18.18	19.92	19.84

Table 15 - 802.11ac / VHT20 MCS0x1 / MIMO TxBF / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	9.74	9.94	9.69
Conducted Power Core 1 (dBm)	9.82	9.72	9.97
Total Conducted Power (dBm)	12.79	12.84	12.84
Antenna Directional Gain (dBi)	5.57	5.57	5.57
RSS-247 EIRP Power Limit (dBm)	22.50	22.50	22.49
Total EIRP (dBm)	18.36	18.41	18.41

Table 16 - 802.11ac / VHT20 MCS0x1 / MIMO TxBF / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Antenna Directional Gain (dBi)	3.50	3.50	3.50
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Conducted Power (dBm)	14.86	19.97	19.96

Table 17 - 802.11ax / HE20 MCS0x1 / SU / SISO / Core 0 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power (dBm)	14.85	15.35	15.16
Antenna Directional Gain (dBi)	3.50	3.50	3.50
RSS-247 EIRP Power Limit (dBm)	22.78	22.78	22.77
Total EIRP (dBm)	18.35	18.85	18.66

Table 18 - 802.11ax / HE20 MCS0x1 / SU / SISO / Core 0 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Antenna Directional Gain (dBi)	3.50	3.50	3.50
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Conducted Power (dBm)	8.18	11.74	11.70

Table 19 - 802.11ax / HE20 MCS0x1 / RU 26-0 / SISO / Core 0 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power (dBm)	6.33	6.44	6.27
Antenna Directional Gain (dBi)	3.50	3.50	3.50
RSS-247 EIRP Power Limit (dBm)	22.62	22.63	22.52
Total EIRP (dBm)	9.83	9.94	9.77

Table 20 - 802.11ax / HE20 MCS0x1 / RU 26-0 / SISO / Core 0 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Antenna Directional Gain (dBi)	3.50	3.50	3.50
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Conducted Power (dBm)	8.35	11.96	11.76

Table 21 - 802.11ax / HE20 MCS0x1 / RU 26-8 / SISO / Core 0 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power (dBm)	6.25	6.44	6.46
Antenna Directional Gain (dBi)	3.50	3.50	3.50
RSS-247 EIRP Power Limit (dBm)	22.64	22.66	22.58
Total EIRP (dBm)	9.75	9.94	9.96

Table 22 - 802.11ax / HE20 MCS0x1 / RU 26-8 / SISO / Core 0 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	14.40	16.96	16.92
Conducted Power Core 1 (dBm)	14.47	16.89	16.82
Antenna Directional Gain (dBi)	3.50	3.50	3.50
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Total Conducted Power (dBm)	17.45	19.94	19.88

Table 23 - 802.11ax / HE20 MCS0x1 / SU / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	10.79	10.92	10.78
Conducted Power Core 1 (dBm)	10.76	10.72	10.79
Total Conducted Power (dBm)	13.78	13.83	13.80
Antenna Directional Gain (dBi)	3.50	3.50	3.50
RSS-247 EIRP Power Limit (dBm)	22.78	22.78	22.78
Total EIRP (dBm)	17.28	17.33	17.30

Table 24 - 802.11ax / HE20 MCS0x1 / SU / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	8.20	8.49	8.31
Conducted Power Core 1 (dBm)	8.41	8.35	8.17
Antenna Directional Gain (dBi)	3.50	3.50	3.50
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Total Conducted Power (dBm)	11.32	11.44	11.25

Table 25 - 802.11ax / HE20 MCS0x1 / RU 26-0 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	1.16	1.27	1.49
Conducted Power Core 1 (dBm)	1.46	1.43	1.45
Total Conducted Power (dBm)	4.33	4.36	4.48
Antenna Directional Gain (dBi)	3.50	3.50	3.50
RSS-247 EIRP Power Limit (dBm)	22.61	22.62	22.62
Total EIRP (dBm)	7.83	7.86	7.98

Table 26 - 802.11ax / HE20 MCS0x1 / RU 26-0 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	8.18	8.26	8.46
Conducted Power Core 1 (dBm)	8.24	8.24	8.34
Antenna Directional Gain (dBi)	3.50	3.50	3.50
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Total Conducted Power (dBm)	11.22	11.26	11.41

Table 27 - 802.11ax / HE20 MCS0x1 / RU 26-8 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	1.32	1.20	1.23
Conducted Power Core 1 (dBm)	1.23	1.35	1.38
Total Conducted Power (dBm)	4.28	4.29	4.32
Antenna Directional Gain (dBi)	3.50	3.50	3.50
RSS-247 EIRP Power Limit (dBm)	22.62	22.65	22.64
Total EIRP (dBm)	7.78	7.79	7.82

Table 28 - 802.11ax / HE20 MCS0x1 / RU 26-8 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	14.70	16.80	16.66
Conducted Power Core 1 (dBm)	14.47	16.89	16.86
Antenna Directional Gain (dBi)	2.61	2.61	2.61
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Total Conducted Power (dBm)	17.60	19.86	19.77

Table 29 - 802.11ax / HE20 MCS0x2 / SU / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	13.26	13.39	13.27
Conducted Power Core 1 (dBm)	13.34	13.22	13.35
Total Conducted Power (dBm)	16.31	16.32	16.32
Antenna Directional Gain (dBi)	2.61	2.61	2.61
RSS-247 EIRP Power Limit (dBm)	22.77	22.77	22.78
Total EIRP (dBm)	18.93	18.93	18.94

Table 30 - 802.11ax / HE20 MCS0x2 / SU / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	8.50	8.77	8.93
Conducted Power Core 1 (dBm)	8.40	8.82	8.73
Antenna Directional Gain (dBi)	2.61	2.61	2.61
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Total Conducted Power (dBm)	11.46	11.80	11.84

Table 31 - 802.11ax / HE20 MCS0x2 / RU 26-0 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	4.41	4.36	4.30
Conducted Power Core 1 (dBm)	4.22	4.31	4.46
Total Conducted Power (dBm)	7.33	7.35	7.39
Antenna Directional Gain (dBi)	2.61	2.61	2.61
RSS-247 EIRP Power Limit (dBm)	22.64	22.64	22.63
Total EIRP (dBm)	9.94	9.96	10.01

Table 32 - 802.11ax / HE20 MCS0x2 / RU 26-0 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	8.33	8.88	8.88
Conducted Power Core 1 (dBm)	8.36	8.84	8.85
Antenna Directional Gain (dBi)	2.61	2.61	2.61
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Total Conducted Power (dBm)	11.35	11.87	11.87

Table 33 - 802.11ax / HE20 MCS0x2 / RU 26-8 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	4.33	4.38	4.46
Conducted Power Core 1 (dBm)	4.18	4.24	4.39
Total Conducted Power (dBm)	7.27	7.32	7.44
Antenna Directional Gain (dBi)	2.61	2.61	2.61
RSS-247 EIRP Power Limit (dBm)	22.66	22.66	22.65
Total EIRP (dBm)	9.88	9.94	10.05

Table 34 - 802.11ax / HE20 MCS0x2 / RU 26-8 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Antenna Directional Gain (dBi)	3.50	3.50
15.407 Conducted Power Limit (dBm)	24.00	24.00
Conducted Power (dBm)	13.90	19.92

Table 35 - 802.11n / HT40 MCS0 / SISO / Core 0 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power (dBm)	13.84	17.25
Antenna Directional Gain (dBi)	3.50	3.50
RSS-247 EIRP Power Limit (dBm)	23.00	23.00
Total EIRP (dBm)	17.34	20.75

Table 36 - 802.11n / HT40 MCS0 / SISO / Core 0 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	13.27	19.96
Conducted Power Core 1 (dBm)	13.36	19.87
Antenna Directional Gain (dBi)	3.50	3.50
15.407 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	16.33	22.93

Table 37 - 802.11n / HT40 MCS0 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	12.71	12.69
Conducted Power Core 1 (dBm)	12.76	12.83
Total Conducted Power (dBm)	15.74	15.77
Antenna Directional Gain (dBi)	3.50	3.50
RSS-247 EIRP Power Limit (dBm)	23.00	23.00
Total EIRP (dBm)	19.24	19.27

Table 38 - 802.11n / HT40 MCS0 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	13.27	19.93
Conducted Power Core 1 (dBm)	13.39	19.84
Antenna Directional Gain (dBi)	2.61	2.61
15.407 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	16.34	22.90

Table 39 - 802.11n / HT40 MCS8 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	13.22	15.24
Conducted Power Core 1 (dBm)	13.40	15.39
Total Conducted Power (dBm)	16.32	18.32
Antenna Directional Gain (dBi)	2.61	2.61
RSS-247 EIRP Power Limit (dBm)	23.00	23.00
Total EIRP (dBm)	18.94	20.94

Table 40 - 802.11n / HT40 MCS8 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	12.44	19.27
Conducted Power Core 1 (dBm)	12.32	19.34
Antenna Directional Gain (dBi)	5.57	5.57
15.407 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	15.39	22.32

Table 41 - 802.11ac / VHT40 MCS0x1 / MIMO TxBF / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	12.46	12.23
Conducted Power Core 1 (dBm)	12.32	12.42
Total Conducted Power (dBm)	15.40	15.33
Antenna Directional Gain (dBi)	5.57	5.57
RSS-247 EIRP Power Limit (dBm)	23.00	23.00
Total EIRP (dBm)	20.97	20.90

Table 42 - 802.11ac / VHT40 MCS0x1 / MIMO TxBF / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Antenna Directional Gain (dBi)	3.50	3.50
15.407 Conducted Power Limit (dBm)	24.00	24.00
Conducted Power (dBm)	12.45	19.87

Table 43 - 802.11ax / HE40 MCS0x1 / SU / SISO / Core 0 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power (dBm)	12.46	17.28
Antenna Directional Gain (dBi)	3.50	3.50
RSS-247 EIRP Power Limit (dBm)	23.00	23.00
Total EIRP (dBm)	15.96	20.78

Table 44 - 802.11ax / HE40 MCS0x1 / SU / SISO / Core 0 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Antenna Directional Gain (dBi)	3.50	3.50
15.407 Conducted Power Limit (dBm)	24.00	24.00
Conducted Power (dBm)	11.98	11.98

Table 45 - 802.11ax / HE40 MCS0x1 / RU 26-0 / SISO / Core 0 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power (dBm)	6.37	6.45
Antenna Directional Gain (dBi)	3.50	3.50
RSS-247 EIRP Power Limit (dBm)	22.50	22.55
Total EIRP (dBm)	9.87	9.95

Table 46 - 802.11ax / HE40 MCS0x1 / RU 26-0 / SISO / Core 0 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Antenna Directional Gain (dBi)	3.50	3.50
15.407 Conducted Power Limit (dBm)	24.00	24.00
Conducted Power (dBm)	11.86	11.97

Table 47 - 802.11ax / HE40 MCS0x1 / RU 26-17 / SISO / Core 0 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power (dBm)	6.40	6.34
Antenna Directional Gain (dBi)	3.50	3.50
RSS-247 EIRP Power Limit (dBm)	22.63	22.60
Total EIRP (dBm)	9.90	9.84

Table 48 - 802.11ax / HE40 MCS0x1 / RU 26-17 / SISO / Core 0 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	11.78	19.85
Conducted Power Core 1 (dBm)	11.94	19.96
Antenna Directional Gain (dBi)	3.50	3.50
15.407 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	14.87	22.92

Table 49 - 802.11ax / HE40 MCS0x1 / SU / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	11.79	13.32
Conducted Power Core 1 (dBm)	12.00	13.41
Total Conducted Power (dBm)	14.91	16.38
Antenna Directional Gain (dBi)	3.50	3.50
RSS-247 EIRP Power Limit (dBm)	23.00	23.00
Total EIRP (dBm)	18.41	19.88

Table 50 - 802.11ax / HE40 MCS0x1 / SU / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	8.31	8.35
Conducted Power Core 1 (dBm)	8.36	8.27
Antenna Directional Gain (dBi)	3.50	3.50
15.407 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	11.34	11.32

Table 51 - 802.11ax / HE40 MCS0x1 / RU 26-0 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	1.38	1.47
Conducted Power Core 1 (dBm)	1.48	1.31
Total Conducted Power (dBm)	4.44	4.40
Antenna Directional Gain (dBi)	3.50	3.50
RSS-247 EIRP Power Limit (dBm)	22.59	22.63
Total EIRP (dBm)	7.94	7.90

Table 52 - 802.11ax / HE40 MCS0x1 / RU 26-0 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	8.24	8.22
Conducted Power Core 1 (dBm)	8.22	8.49
Antenna Directional Gain (dBi)	3.50	3.50
15.407 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	11.24	11.37

Table 53 - 802.11ax / HE40 MCS0x1 / RU 26-17 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	1.35	1.29
Conducted Power Core 1 (dBm)	1.49	1.23
Total Conducted Power (dBm)	4.43	4.27
Antenna Directional Gain (dBi)	3.50	3.50
RSS-247 EIRP Power Limit (dBm)	22.66	22.63
Total EIRP (dBm)	7.93	7.77

Table 54 - 802.11ax / HE40 MCS0x1 / RU 26-17 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	11.81	19.88
Conducted Power Core 1 (dBm)	11.71	19.94
Antenna Directional Gain (dBi)	2.61	2.61
15.407 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	14.77	22.92

Table 55 - 802.11ax / HE40 MCS0x2 / SU / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	11.82	15.36
Conducted Power Core 1 (dBm)	11.78	15.35
Total Conducted Power (dBm)	14.81	18.36
Antenna Directional Gain (dBi)	2.61	2.61
RSS-247 EIRP Power Limit (dBm)	23.00	23.00
Total EIRP (dBm)	17.42	20.98

Table 56 - 802.11ax / HE40 MCS0x2 / SU / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	8.95	8.84
Conducted Power Core 1 (dBm)	8.86	8.86
Antenna Directional Gain (dBi)	2.61	2.61
15.407 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	11.92	11.86

Table 57 - 802.11ax / HE40 MCS0x2 / RU 26-0 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	3.88	3.94
Conducted Power Core 1 (dBm)	3.86	3.85
Total Conducted Power (dBm)	6.88	6.91
Antenna Directional Gain (dBi)	2.61	2.61
RSS-247 EIRP Power Limit (dBm)	22.61	22.62
Total EIRP (dBm)	9.49	9.52

Table 58 - 802.11ax / HE40 MCS0x2 / RU 26-0 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	8.72	8.91
Conducted Power Core 1 (dBm)	8.81	8.96
Antenna Directional Gain (dBi)	2.61	2.61
15.407 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	11.78	11.95

Table 59 - 802.11ax / HE40 MCS0x2 / RU 26-17 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	3.78	3.71
Conducted Power Core 1 (dBm)	3.74	3.84
Total Conducted Power (dBm)	6.77	6.79
Antenna Directional Gain (dBi)	2.61	2.61
RSS-247 EIRP Power Limit (dBm)	22.67	22.63
Total EIRP (dBm)	9.38	9.40

Table 60 - 802.11ax / HE40 MCS0x2 / RU 26-17 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Antenna Directional Gain (dBi)	3.50
15.407 Conducted Power Limit (dBm)	24.00
Conducted Power (dBm)	13.46

Table 61 - 802.11ac / VHT80 MCS0x1 / SISO / Core 0 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted Power (dBm)	13.48
Antenna Directional Gain (dBi)	3.50
RSS-247 EIRP Power Limit (dBm)	23.00
Total EIRP (dBm)	16.98

Table 62 - 802.11ac / VHT80 MCS0x1 / SISO / Core 0 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	12.81
Conducted Power Core 1 (dBm)	13.00
Antenna Directional Gain (dBi)	3.50
15.407 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	15.92

Table 63 - 802.11ac / VHT80 MCS0x1 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	12.81
Conducted Power Core 1 (dBm)	12.72
Total Conducted Power (dBm)	15.77
Antenna Directional Gain (dBi)	3.50
RSS-247 EIRP Power Limit (dBm)	23.00
Total EIRP (dBm)	19.27

Table 64 - 802.11ac / VHT80 MCS0x1 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	12.90
Conducted Power Core 1 (dBm)	12.78
Antenna Directional Gain (dBi)	2.61
15.407 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	15.85

Table 65 - 802.11ac / VHT80 MCS0x2 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	12.86
Conducted Power Core 1 (dBm)	12.79
Total Conducted Power (dBm)	15.84
Antenna Directional Gain (dBi)	2.61
RSS-247 EIRP Power Limit (dBm)	23.00
Total EIRP (dBm)	18.45

Table 66 - 802.11ac / VHT80 MCS0x2 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	11.94
Conducted Power Core 1 (dBm)	11.71
Antenna Directional Gain (dBi)	5.57
15.407 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	14.83

Table 67 - 802.11ac / VHT80 MCS0x1 / MIMO TxBF / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	11.97
Conducted Power Core 1 (dBm)	12.00
Total Conducted Power (dBm)	15.00
Antenna Directional Gain (dBi)	5.57
RSS-247 EIRP Power Limit (dBm)	23.00
Total EIRP (dBm)	20.56

Table 68 - 802.11ac / VHT80 MCS0x1 / MIMO TxBF / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Antenna Directional Gain (dBi)	3.50
15.407 Conducted Power Limit (dBm)	24.00
Conducted Power (dBm)	12.48

Table 69 - 802.11ax / HE80 MCS0x1 / SU / SISO / Core 0 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted Power (dBm)	12.26
Antenna Directional Gain (dBi)	3.50
RSS-247 EIRP Power Limit (dBm)	23.00
Total EIRP (dBm)	15.76

Table 70 - 802.11ax / HE80 MCS0x1 / SU / SISO / Core 0 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Antenna Directional Gain (dBi)	3.50
15.407 Conducted Power Limit (dBm)	24.00
Conducted Power (dBm)	11.98

Table 71 - 802.11ax / HE80 MCS0x1 / RU 26-0 / SISO / Core 0 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted Power (dBm)	6.47
Antenna Directional Gain (dBi)	3.50
RSS-247 EIRP Power Limit (dBm)	23.00
Total EIRP (dBm)	9.97

Table 72 - 802.11ax / HE80 MCS0x1 / RU 26-0 / SISO / Core 0 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Antenna Directional Gain (dBi)	3.50
15.407 Conducted Power Limit (dBm)	24.00
Conducted Power (dBm)	11.96

Table 73 - 802.11ax / HE80 MCS0x1 / RU 26-36 / SISO / Core 0 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted Power (dBm)	6.38
Antenna Directional Gain (dBi)	3.50
RSS-247 EIRP Power Limit (dBm)	22.83
Total EIRP (dBm)	9.88

Table 74 - 802.11ax / HE80 MCS0x1 / RU 26-36 / SISO / Core 0 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	11.43
Conducted Power Core 1 (dBm)	11.31
Antenna Directional Gain (dBi)	3.50
15.407 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	14.38

Table 75 - 802.11ax / HE80 MCS0x1 / SU / MIMO CDD / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	11.45
Conducted Power Core 1 (dBm)	11.30
Total Conducted Power (dBm)	14.38
Antenna Directional Gain (dBi)	3.50
RSS-247 EIRP Power Limit (dBm)	23.00
Total EIRP (dBm)	17.88

Table 76 - 802.11ax / HE80 MCS0x1 / SU / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	8.32
Conducted Power Core 1 (dBm)	8.31
Antenna Directional Gain (dBi)	3.50
15.407 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	11.33

Table 77 - 802.11ax / HE80 MCS0x1 / RU 26-0 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	1.47
Conducted Power Core 1 (dBm)	1.36
Total Conducted Power (dBm)	4.43
Antenna Directional Gain (dBi)	3.50
RSS-247 EIRP Power Limit (dBm)	22.72
Total EIRP (dBm)	7.93

Table 78 - 802.11ax / HE80 MCS0x1 / RU 26-0 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	8.23
Conducted Power Core 1 (dBm)	8.25
Antenna Directional Gain (dBi)	3.50
15.407 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	11.25

Table 79 - 802.11ax / HE80 MCS0x1 / RU 26-36 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	3.38
Conducted Power Core 1 (dBm)	1.26
Total Conducted Power (dBm)	5.46
Antenna Directional Gain (dBi)	3.50
RSS-247 EIRP Power Limit (dBm)	22.76
Total EIRP (dBm)	8.96

Table 80 - 802.11ax / HE80 MCS0x1 / RU 26-36 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	11.21
Conducted Power Core 1 (dBm)	11.27
Antenna Directional Gain (dBi)	2.61
15.407 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	14.25

Table 81 - 802.11ax / HE80 MCS0x2 / SU / MIMO SDM / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	11.48
Conducted Power Core 1 (dBm)	11.37
Total Conducted Power (dBm)	14.44
Antenna Directional Gain (dBi)	2.61
RSS-247 EIRP Power Limit (dBm)	23.00
Total EIRP (dBm)	17.05

Table 82 - 802.11ax / HE80 MCS0x2 / SU / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	8.99
Conducted Power Core 1 (dBm)	8.96
Antenna Directional Gain (dBi)	2.61
15.407 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	11.98

Table 83 - 802.11ax / HE80 MCS0x2 / RU 26-0 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	4.20
Conducted Power Core 1 (dBm)	4.31
Total Conducted Power (dBm)	7.26
Antenna Directional Gain (dBi)	2.61
RSS-247 EIRP Power Limit (dBm)	22.78
Total EIRP (dBm)	9.88

Table 84 - 802.11ax / HE80 MCS0x2 / RU 26-0 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	8.90
Conducted Power Core 1 (dBm)	8.94
Antenna Directional Gain (dBi)	2.61
15.407 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	11.93

Table 85 - 802.11ax / HE80 MCS0x2 / RU 26-36 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	4.24
Conducted Power Core 1 (dBm)	4.37
Total Conducted Power (dBm)	7.31
Antenna Directional Gain (dBi)	2.61
RSS-247 EIRP Power Limit (dBm)	22.80
Total EIRP (dBm)	9.93

Table 86 - 802.11ax / HE80 MCS0x2 / RU 26-36 / MIMO SDM / Cores 0+1 / Country Code CA

U-NII-2A

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Antenna Directional Gain (dBi)	3.00	3.00	3.00
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	23.19	23.19	23.18
Conducted Power (dBm)	19.80	19.74	15.83
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	29.19	29.19	29.18
EIRP Power (dBm)	22.80	22.74	18.83

Table 87 - 802.11a / 6 Mbps / SISO / Core 0

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Antenna Directional Gain (dBi)	3.00	3.00	3.00
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	23.48	23.47	23.48
Conducted Power (dBm)	19.77	19.80	15.77
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	29.48	29.47	29.48
EIRP Power (dBm)	22.77	22.80	18.77

Table 88 - 802.11n / HT20 MCS0 / SISO / Core 0

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted Power Core 0 (dBm)	16.70	16.74	15.77
Conducted Power Core 1 (dBm)	16.89	16.67	15.68
Antenna Directional Gain (dBi)	3.00	3.00	3.00
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	23.49	23.49	23.49
Total Conducted Power (dBm)	19.81	19.72	18.74
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	29.49	29.49	29.49
EIRP Power (dBm)	22.81	22.72	21.74

Table 89 - 802.11n / HT20 MCS0 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted Power Core 0 (dBm)	16.76	16.98	15.87
Conducted Power Core 1 (dBm)	16.90	16.66	15.68
Antenna Directional Gain (dBi)	2.31	2.31	2.31
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	23.47	23.48	23.48
Total Conducted Power (dBm)	19.84	19.83	18.79
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	29.47	29.48	29.48
EIRP Power (dBm)	22.16	22.15	21.10

Table 90 - 802.11n / HT20 MCS8 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted Power Core 0 (dBm)	16.97	16.94	14.95
Conducted Power Core 1 (dBm)	16.88	16.88	14.67
Antenna Directional Gain (dBi)	5.29	5.29	5.29
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	23.50	23.49	23.50
Total Conducted Power (dBm)	19.94	19.92	17.82
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	29.50	29.49	29.50
EIRP Power (dBm)	25.23	25.21	23.11

Table 91 - 802.11ac / VHT20 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Antenna Directional Gain (dBi)	3.00	3.00	3.00
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	23.77	23.77	23.77
Conducted Power (dBm)	19.96	19.96	14.23
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	29.77	29.77	29.77
EIRP Power (dBm)	22.96	22.96	17.23

Table 92 - 802.11ax / HE20 MCS0x1 / SU / SISO / Core 0

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted Power Core 0 (dBm)	16.72	16.87	14.23
Conducted Power Core 1 (dBm)	16.89	16.76	14.28
Antenna Directional Gain (dBi)	3.00	3.00	3.00
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	23.78	23.78	23.78
Total Conducted Power (dBm)	19.82	19.83	17.26
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	29.78	29.78	29.78
EIRP Power (dBm)	22.82	22.83	20.26

Table 93 - 802.11ax / HE20 MCS0x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted Power Core 0 (dBm)	16.78	16.92	14.33
Conducted Power Core 1 (dBm)	16.91	16.78	14.27
Antenna Directional Gain (dBi)	2.31	2.31	2.31
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	23.77	23.77	23.78
Total Conducted Power (dBm)	19.85	19.86	17.31
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	29.77	29.77	29.78
EIRP Power (dBm)	22.17	22.17	19.62

Table 94 - 802.11ax / HE20 MCS0x2 / SU / MIMO SDM / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Antenna Directional Gain (dBi)	3.00	3.00
15.407 Conducted Power Limit (dBm)	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00
Conducted Power (dBm)	19.93	13.85
15.407 TPC EIRP Limit (dBm)	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00
EIRP Power (dBm)	22.93	16.85

Table 95 - 802.11n / HT40 MCS0 / SISO / Core 0

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted Power Core 0 (dBm)	19.74	13.91
Conducted Power Core 1 (dBm)	19.78	13.91
Antenna Directional Gain (dBi)	3.00	3.00
15.407 Conducted Power Limit (dBm)	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	22.77	16.92
15.407 TPC EIRP Limit (dBm)	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00
EIRP Power (dBm)	25.77	19.92

Table 96 - 802.11n / HT40 MCS0 / MIMO CDD / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted Power Core 0 (dBm)	19.75	13.68
Conducted Power Core 1 (dBm)	19.77	13.77
Antenna Directional Gain (dBi)	2.31	2.31
15.407 Conducted Power Limit (dBm)	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	22.77	16.74
15.407 TPC EIRP Limit (dBm)	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00
EIRP Power (dBm)	25.09	19.05

Table 97 - 802.11n / HT40 MCS8 / MIMO SDM / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted Power Core 0 (dBm)	19.29	12.68
Conducted Power Core 1 (dBm)	19.20	12.76
Antenna Directional Gain (dBi)	5.29	5.29
15.407 Conducted Power Limit (dBm)	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	22.26	15.73
15.407 TPC EIRP Limit (dBm)	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00
EIRP Power (dBm)	27.55	21.02

Table 98 - 802.11ac / VHT40 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Antenna Directional Gain (dBi)	3.00	3.00
15.407 Conducted Power Limit (dBm)	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00
Conducted Power (dBm)	19.87	12.19
15.407 TPC EIRP Limit (dBm)	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00
EIRP Power (dBm)	22.87	15.19

Table 99 - 802.11ax / HE40 MCS0x1 / SU / SISO / Core 0

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted Power Core 0 (dBm)	19.87	12.20
Conducted Power Core 1 (dBm)	19.69	12.33
Antenna Directional Gain (dBi)	3.00	3.00
15.407 Conducted Power Limit (dBm)	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	22.79	15.28
15.407 TPC EIRP Limit (dBm)	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00
EIRP Power (dBm)	25.79	18.28

Table 100 - 802.11ax / HE40 MCS0x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted Power Core 0 (dBm)	19.95	12.24
Conducted Power Core 1 (dBm)	19.88	12.44
Antenna Directional Gain (dBi)	2.31	2.31
15.407 Conducted Power Limit (dBm)	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	22.92	15.35
15.407 TPC EIRP Limit (dBm)	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00
EIRP Power (dBm)	25.24	17.67

Table 101 - 802.11ax / HE40 MCS0x2 / SU / MIMO SDM / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
Antenna Directional Gain (dBi)	3.00
15.407 Conducted Power Limit (dBm)	24.00
RSS-247 Conducted Power Limit (dBm)	24.00
Conducted Power (dBm)	12.70
15.407 TPC EIRP Limit (dBm)	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00
EIRP Power (dBm)	15.70

Table 102 - 802.11ac / VHT80 MCS0x1 / SISO / Core 0

Channel	Middle
Frequency (MHz)	5290
Conducted Power Core 0 (dBm)	12.42
Conducted Power Core 1 (dBm)	12.47
Antenna Directional Gain (dBi)	3.00
15.407 Conducted Power Limit (dBm)	24.00
RSS-247 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	15.46
15.407 TPC EIRP Limit (dBm)	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00
EIRP Power (dBm)	18.46

Table 103 - 802.11ac / VHT80 MCS0x1 / MIMO CDD / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
Conducted Power Core 0 (dBm)	12.19
Conducted Power Core 1 (dBm)	12.31
Antenna Directional Gain (dBi)	2.31
15.407 Conducted Power Limit (dBm)	24.00
RSS-247 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	15.26
15.407 TPC EIRP Limit (dBm)	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00
EIRP Power (dBm)	17.57

Table 104 - 802.11ac / VHT80 MCS0x2 / MIMO SDM / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
Conducted Power Core 0 (dBm)	11.48
Conducted Power Core 1 (dBm)	11.16
Antenna Directional Gain (dBi)	5.29
15.407 Conducted Power Limit (dBm)	24.00
RSS-247 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	14.33
15.407 TPC EIRP Limit (dBm)	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00
EIRP Power (dBm)	19.63

Table 105 - 802.11ac / VHT80 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
Antenna Directional Gain (dBi)	3.00
15.407 Conducted Power Limit (dBm)	24.00
RSS-247 Conducted Power Limit (dBm)	24.00
Conducted Power (dBm)	11.35
15.407 TPC EIRP Limit (dBm)	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00
EIRP Power (dBm)	14.35

Table 106 - 802.11ax / HE80 MCS0x1 / SU / SISO / Core 0

Channel	Middle
Frequency (MHz)	5290
Conducted Power Core 0 (dBm)	10.85
Conducted Power Core 1 (dBm)	10.95
Antenna Directional Gain (dBi)	3.00
15.407 Conducted Power Limit (dBm)	24.00
RSS-247 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	13.91
15.407 TPC EIRP Limit (dBm)	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00
EIRP Power (dBm)	16.91

Table 107 - 802.11ax / HE80 MCS0x1 / SU / MIMO CDD / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
Conducted Power Core 0 (dBm)	10.88
Conducted Power Core 1 (dBm)	10.99
Antenna Directional Gain (dBi)	2.31
15.407 Conducted Power Limit (dBm)	24.00
RSS-247 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	13.94
15.407 TPC EIRP Limit (dBm)	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00
EIRP Power (dBm)	16.26

Table 108 - 802.11ax / HE80 MCS0x2 / SU / MIMO SDM / Cores 0+1

U-NII-2C

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Antenna Directional Gain (dBi)	4.00	4.00	4.00	4.00
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00	22.99
RSS-247 Conducted Power Limit (dBm)	23.19	23.22	23.19	23.22
Conducted Power (dBm)	15.67	19.75	14.98	19.95
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	28.99
RSS-247 TPC EIRP Limit (dBm)	29.19	29.22	29.19	29.22
EIRP Power (dBm)	19.67	23.75	18.98	23.95

Table 109 - 802.11a / 6 Mbps / SISO / Core 0

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Antenna Directional Gain (dBi)	4.00	4.00	4.00	4.00
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00	23.00
RSS-247 Conducted Power Limit (dBm)	23.49	23.52	23.48	23.48
Conducted Power (dBm)	15.88	19.99	14.93	19.79
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	29.00
RSS-247 TPC EIRP Limit (dBm)	29.49	29.52	29.48	29.48
EIRP Power (dBm)	19.88	23.99	18.93	23.79

Table 110 - 802.11n / HT20 MCS0 / SISO / Core 0

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted Power Core 0 (dBm)	14.70	16.83	13.70	16.94
Conducted Power Core 1 (dBm)	14.76	17.00	13.78	16.99
Antenna Directional Gain (dBi)	4.00	4.00	4.00	4.00
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00	22.92
RSS-247 Conducted Power Limit (dBm)	23.49	23.48	23.49	23.48
Total Conducted Power (dBm)	17.74	19.92	16.75	19.98
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	28.92
RSS-247 TPC EIRP Limit (dBm)	29.49	29.48	29.49	29.48
EIRP Power (dBm)	21.74	23.92	20.75	23.98

Table 111 - 802.11n / HT20 MCS0 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted Power Core 0 (dBm)	14.70	16.78	14.00	16.94
Conducted Power Core 1 (dBm)	14.75	16.95	13.87	16.82
Antenna Directional Gain (dBi)	3.42	3.42	3.42	3.42
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00	22.95
RSS-247 Conducted Power Limit (dBm)	23.48	23.49	23.48	23.48
Total Conducted Power (dBm)	17.73	19.88	16.94	19.89
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	28.95
RSS-247 TPC EIRP Limit (dBm)	29.48	29.49	29.48	29.48
EIRP Power (dBm)	21.15	23.30	20.36	23.31

Table 112 - 802.11n / HT20 MCS8 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted Power Core 0 (dBm)	13.96	16.66	12.88	16.74
Conducted Power Core 1 (dBm)	13.71	16.75	12.97	16.79
Antenna Directional Gain (dBi)	6.41	6.41	6.41	6.41
15.407 Conducted Power Limit (dBm)	23.59	23.59	23.59	22.55
RSS-247 Conducted Power Limit (dBm)	23.49	23.50	23.50	23.50
Total Conducted Power (dBm)	16.85	19.72	15.94	19.78
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	28.95
RSS-247 TPC EIRP Limit (dBm)	29.49	29.50	29.50	29.50
EIRP Power (dBm)	23.26	26.12	22.34	26.19

Table 113 - 802.11ac / VHT20 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Antenna Directional Gain (dBi)	4.00	4.00	4.00	4.00
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00	22.97
RSS-247 Conducted Power Limit (dBm)	23.78	23.78	23.77	23.77
Conducted Power (dBm)	14.44	19.70	13.36	19.90
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	28.97
RSS-247 TPC EIRP Limit (dBm)	29.78	29.78	29.77	29.77
EIRP Power (dBm)	18.44	23.70	17.36	23.90

Table 114 - 802.11ax / HE20 MCS0x1 / SU / SISO / Core 0

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted Power Core 0 (dBm)	13.34	16.71	12.38	16.71
Conducted Power Core 1 (dBm)	13.45	16.82	12.35	16.66
Antenna Directional Gain (dBi)	4.00	4.00	4.00	4.00
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00	22.99
RSS-247 Conducted Power Limit (dBm)	23.78	23.78	23.78	23.77
Total Conducted Power (dBm)	16.40	19.78	15.38	19.70
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	28.99
RSS-247 TPC EIRP Limit (dBm)	29.78	29.78	29.78	29.77
EIRP Power (dBm)	20.40	23.78	19.38	23.70

Table 115 - 802.11ax / HE20 MCS0x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted Power Core 0 (dBm)	13.36	16.94	12.48	16.84
Conducted Power Core 1 (dBm)	13.49	16.92	12.28	16.91
Antenna Directional Gain (dBi)	3.42	3.42	3.42	3.42
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00	22.99
RSS-247 Conducted Power Limit (dBm)	23.77	23.77	23.77	23.77
Total Conducted Power (dBm)	16.44	19.94	15.39	19.88
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	28.99
RSS-247 TPC EIRP Limit (dBm)	29.77	29.77	29.77	29.77
EIRP Power (dBm)	19.86	23.36	18.81	23.30

Table 116 - 802.11ax / HE20 MCS0x2 / SU / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Antenna Directional Gain (dBi)	4.00	4.00	4.00	4.00
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00	24.00	24.00
Conducted Power (dBm)	15.20	19.82	18.20	19.85
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00	30.00	30.00
EIRP Power (dBm)	19.20	23.82	22.20	23.85

Table 117 - 802.11n / HT40 MCS0 / SISO / Core 0

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted Power Core 0 (dBm)	14.96	19.81	17.68	19.88
Conducted Power Core 1 (dBm)	14.88	19.87	17.98	20.00
Antenna Directional Gain (dBi)	4.00	4.00	4.00	4.00
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00	24.00	24.00
Total Conducted Power (dBm)	17.93	22.85	20.84	22.95
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00	30.00	30.00
EIRP Power (dBm)	21.93	26.85	24.84	26.95

Table 118 - 802.11n / HT40 MCS0 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted Power Core 0 (dBm)	14.92	19.85	17.73	19.91
Conducted Power Core 1 (dBm)	14.90	19.88	17.93	19.82
Antenna Directional Gain (dBi)	3.42	3.42	3.42	3.42
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00	24.00	24.00
Total Conducted Power (dBm)	17.92	22.88	20.84	22.87
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00	30.00	30.00
EIRP Power (dBm)	21.34	26.30	24.26	26.29

Table 119 - 802.11n / HT40 MCS8 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted Power Core 0 (dBm)	13.91	19.45	16.62	19.68
Conducted Power Core 1 (dBm)	13.70	19.49	16.97	19.34
Antenna Directional Gain (dBi)	6.41	6.41	6.41	6.41
15.407 Conducted Power Limit (dBm)	23.59	23.59	23.59	23.59
RSS-247 Conducted Power Limit (dBm)	24.00	24.00	24.00	24.00
Total Conducted Power (dBm)	16.82	22.48	19.81	22.52
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00	30.00	30.00
EIRP Power (dBm)	23.23	28.89	26.22	28.93

Table 120 - 802.11ac / VHT40 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Antenna Directional Gain (dBi)	4.00	4.00	4.00	4.00
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00	24.00	24.00
Conducted Power (dBm)	13.98	19.83	16.74	19.69
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00	30.00	30.00
EIRP Power (dBm)	17.98	23.83	20.74	23.69

Table 121 - 802.11ax / HE40 MCS0x1 / SU / SISO / Core 0

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted Power Core 0 (dBm)	13.41	19.77	16.47	19.89
Conducted Power Core 1 (dBm)	13.16	19.84	16.44	19.82
Antenna Directional Gain (dBi)	4.00	4.00	4.00	4.00
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00	24.00	24.00
Total Conducted Power (dBm)	16.30	22.81	19.47	22.87
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00	30.00	30.00
EIRP Power (dBm)	20.30	26.81	23.47	26.87

Table 122 - 802.11ax / HE40 MCS0x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted Power Core 0 (dBm)	13.44	19.82	16.49	19.87
Conducted Power Core 1 (dBm)	13.17	19.86	16.32	19.83
Antenna Directional Gain (dBi)	3.42	3.42	3.42	3.42
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00	24.00	24.00
Total Conducted Power (dBm)	16.32	22.85	19.42	22.86
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00	30.00	30.00
EIRP Power (dBm)	19.74	26.27	22.83	26.28

Table 123 - 802.11ax / HE40 MCS0x2 / SU / MIMO SDM / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Antenna Directional Gain (dBi)	4.00	4.00	4.00
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00	24.00
Conducted Power (dBm)	14.78	19.81	19.99
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00	30.00
EIRP Power (dBm)	18.78	23.81	23.99

Table 124 - 802.11ac / VHT80 MCS0x1 / SISO / Core 0

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted Power Core 0 (dBm)	13.45	19.78	19.75
Conducted Power Core 1 (dBm)	13.32	19.88	19.77
Antenna Directional Gain (dBi)	4.00	4.00	4.00
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00	24.00
Total Conducted Power (dBm)	16.40	22.84	22.77
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00	30.00
EIRP Power (dBm)	20.40	26.84	26.77

Table 125 - 802.11ac / VHT80 MCS0x1 / MIMO CDD / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted Power Core 0 (dBm)	13.21	19.81	19.77
Conducted Power Core 1 (dBm)	13.37	19.67	19.80
Antenna Directional Gain (dBi)	3.42	3.42	3.42
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00	24.00
Total Conducted Power (dBm)	16.30	22.75	22.80
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00	30.00
EIRP Power (dBm)	19.72	26.17	26.22

Table 126 - 802.11ac / VHT80 MCS0x2 / MIMO SDM / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted Power Core 0 (dBm)	12.26	19.50	19.41
Conducted Power Core 1 (dBm)	11.91	19.50	19.40
Antenna Directional Gain (dBi)	6.41	6.41	6.41
15.407 Conducted Power Limit (dBm)	23.59	23.59	23.59
RSS-247 Conducted Power Limit (dBm)	24.00	24.00	24.00
Total Conducted Power (dBm)	15.09	22.51	22.42
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00	30.00
EIRP Power (dBm)	21.50	28.91	28.83

Table 127 - 802.11ac / VHT80 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Antenna Directional Gain (dBi)	4.00	4.00	4.00
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00	24.00
Conducted Power (dBm)	13.80	19.82	19.80
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00	30.00
EIRP Power (dBm)	17.80	23.82	23.80

Table 128 - 802.11ax / HE80 MCS0x1 / SU / SISO / Core 0

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted Power Core 0 (dBm)	11.98	19.96	19.91
Conducted Power Core 1 (dBm)	11.95	19.81	19.99
Antenna Directional Gain (dBi)	4.00	4.00	4.00
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00	24.00
Total Conducted Power (dBm)	14.97	22.90	22.96
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00	30.00
EIRP Power (dBm)	18.97	26.90	26.96

Table 129 - 802.11ax / HE80 MCS0x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted Power Core 0 (dBm)	11.92	19.99	19.76
Conducted Power Core 1 (dBm)	11.95	19.82	19.86
Antenna Directional Gain (dBi)	3.42	3.42	3.42
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00	24.00
Total Conducted Power (dBm)	14.95	22.91	22.82
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00	30.00
EIRP Power (dBm)	18.37	26.33	26.24

Table 130 - 802.11ax / HE80 MCS0x2 / SU / MIMO SDM / Cores 0+1

U-NII-3

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Antenna Directional Gain (dBi)	2.5	2.50	2.50
15.407 Conducted Power Limit (dBm)	30	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30	30.00	30.00
Conducted Power (dBm)	19.84	19.97	19.86
15.407 EIRP Limit (dBm)	36	36.00	36.00
RSS-247 EIRP Limit (dBm)	36	36.00	36.00
EIRP Power (dBm)	22.34	22.47	22.36

Table 131 - 802.11a / 6 Mbps / SISO / Core 1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Antenna Directional Gain (dBi)	2.5	2.50	2.50
15.407 Conducted Power Limit (dBm)	30	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30	30.00	30.00
Conducted Power (dBm)	19.92	19.92	19.98
15.407 EIRP Limit (dBm)	36	36.00	36.00
RSS-247 EIRP Limit (dBm)	36	36.00	36.00
EIRP Power (dBm)	22.42	22.42	22.48

Table 132 - 802.11n / HT20 MCS0 / SISO / Core 1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted Power Core 0 (dBm)	19.97	19.86	19.99
Conducted Power Core 1 (dBm)	19.98	19.82	19.85
Antenna Directional Gain (dBi)	2.5	2.50	2.50
15.407 Conducted Power Limit (dBm)	30	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30	30.00	30.00
Total Conducted Power (dBm)	22.99	22.85	22.93
15.407 EIRP Limit (dBm)	36	36.00	36.00
RSS-247 EIRP Limit (dBm)	36	36.00	36.00
EIRP Power (dBm)	25.49	25.35	25.43

Table 133 - 802.11n / HT20 MCS0 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted Power Core 0 (dBm)	19.77	19.89	19.75
Conducted Power Core 1 (dBm)	19.87	19.77	19.82
Antenna Directional Gain (dBi)	2.38	2.38	2.38
15.407 Conducted Power Limit (dBm)	30	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30	30.00	30.00
Total Conducted Power (dBm)	22.83	22.84	22.79
15.407 EIRP Limit (dBm)	36	36.00	36.00
RSS-247 EIRP Limit (dBm)	36	36.00	36.00
EIRP Power (dBm)	25.21	25.22	25.17

Table 134 - 802.11n / HT20 MCS8 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted Power Core 0 (dBm)	18.92	20.57	18.82
Conducted Power Core 1 (dBm)	18.93	20.18	18.71
Antenna Directional Gain (dBi)	5.39	5.39	5.39
15.407 Conducted Power Limit (dBm)	30	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30	30.00	30.00
Total Conducted Power (dBm)	21.94	23.39	21.77
15.407 EIRP Limit (dBm)	36	36.00	36.00
RSS-247 EIRP Limit (dBm)	36	36.00	36.00
EIRP Power (dBm)	27.32	28.77	27.16

Table 135 - 802.11ac / VHT20 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Antenna Directional Gain (dBi)	2.5	2.50	2.50
15.407 Conducted Power Limit (dBm)	30	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30	30.00	30.00
Conducted Power (dBm)	19.87	19.92	19.79
15.407 EIRP Limit (dBm)	36	36.00	36.00
RSS-247 EIRP Limit (dBm)	36	36.00	36.00
EIRP Power (dBm)	22.37	22.42	22.29

Table 136 - 802.11ax / HE20 MCS0x1 / SU / SISO / Core 1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Antenna Directional Gain (dBi)	2.50	2.50	2.50
15.407 Conducted Power Limit (dBm)	30.00	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30.00	30.00	30.00
Conducted Power (dBm)	11.78	11.87	11.89
15.407 EIRP Limit (dBm)	36.00	36.00	36.00
RSS-247 EIRP Limit (dBm)	36.00	36.00	36.00
EIRP Power (dBm)	14.28	14.37	14.39

Table 137 - 802.11ax / HE20 MCS0x1 / RU 26-0 / SISO / Core 1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Antenna Directional Gain (dBi)	2.50	2.50	2.50
15.407 Conducted Power Limit (dBm)	30.00	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30.00	30.00	30.00
Conducted Power (dBm)	11.72	11.79	11.75
15.407 EIRP Limit (dBm)	36.00	36.00	36.00
RSS-247 EIRP Limit (dBm)	36.00	36.00	36.00
EIRP Power (dBm)	14.22	14.29	14.25

Table 138 - 802.11ax / HE20 MCS0x1 / RU 26-8 / SISO / Core 1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted Power Core 0 (dBm)	19.82	19.65	19.69
Conducted Power Core 1 (dBm)	19.85	19.94	19.82
Antenna Directional Gain (dBi)	2.5	2.50	2.50
15.407 Conducted Power Limit (dBm)	30	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30	30.00	30.00
Total Conducted Power (dBm)	22.85	22.81	22.77
15.407 EIRP Limit (dBm)	36	36.00	36.00
RSS-247 EIRP Limit (dBm)	36	36.00	36.00
EIRP Power (dBm)	25.35	25.31	25.27

Table 139 - 802.11ax / HE20 MCS0x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted Power Core 0 (dBm)	11.92	11.86	11.99
Conducted Power Core 1 (dBm)	11.76	11.94	11.74
Antenna Directional Gain (dBi)	2.50	2.50	2.50
15.407 Conducted Power Limit (dBm)	30.00	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30.00	30.00	30.00
Total Conducted Power (dBm)	14.85	14.92	14.88
15.407 EIRP Limit (dBm)	36.00	36.00	36.00
RSS-247 EIRP Limit (dBm)	36.00	36.00	36.00
EIRP Power (dBm)	17.35	17.42	17.38

Table 140 - 802.11ax / HE20 MCS0x1 / RU 26-0 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted Power Core 0 (dBm)	11.91	11.83	11.90
Conducted Power Core 1 (dBm)	11.71	11.80	11.80
Antenna Directional Gain (dBi)	2.50	2.50	2.50
15.407 Conducted Power Limit (dBm)	30.00	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30.00	30.00	30.00
Total Conducted Power (dBm)	14.82	14.82	14.86
15.407 EIRP Limit (dBm)	36.00	36.00	36.00
RSS-247 EIRP Limit (dBm)	36.00	36.00	36.00
EIRP Power (dBm)	17.32	17.32	17.36

Table 141 - 802.11ax / HE20 MCS0x1 / RU 26-8 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted Power Core 0 (dBm)	19.91	19.72	19.72
Conducted Power Core 1 (dBm)	19.94	19.81	19.83
Antenna Directional Gain (dBi)	2.38	2.38	2.38
15.407 Conducted Power Limit (dBm)	30	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30	30.00	30.00
Total Conducted Power (dBm)	22.94	22.77	22.78
15.407 EIRP Limit (dBm)	36	36.00	36.00
RSS-247 EIRP Limit (dBm)	36	36.00	36.00
EIRP Power (dBm)	25.31	25.15	25.16

Table 142 - 802.11ax / HE20 MCS0x2 / SU / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted Power Core 0 (dBm)	11.98	11.98	11.73
Conducted Power Core 1 (dBm)	11.88	11.89	11.86
Antenna Directional Gain (dBi)	2.38	2.38	2.38
15.407 Conducted Power Limit (dBm)	30.00	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30.00	30.00	30.00
Total Conducted Power (dBm)	14.94	14.94	14.81
15.407 EIRP Limit (dBm)	36.00	36.00	36.00
RSS-247 EIRP Limit (dBm)	36.00	36.00	36.00
EIRP Power (dBm)	17.32	17.32	17.18

Table 143 - 802.11ax / HE20 MCS0x2 / RU 26-0 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted Power Core 0 (dBm)	11.99	11.83	11.91
Conducted Power Core 1 (dBm)	11.79	11.89	11.69
Antenna Directional Gain (dBi)	2.38	2.38	2.38
15.407 Conducted Power Limit (dBm)	30.00	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30.00	30.00	30.00
Total Conducted Power (dBm)	14.90	14.87	14.81
15.407 EIRP Limit (dBm)	36.00	36.00	36.00
RSS-247 EIRP Limit (dBm)	36.00	36.00	36.00
EIRP Power (dBm)	17.28	17.25	17.19

Table 144 - 802.11ax / HE20 MCS0x2 / RU 26-8 / MIMO SDM / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Antenna Directional Gain (dBi)	2.5	2.50
15.407 Conducted Power Limit (dBm)	30	30.00
RSS-247 Conducted Power Limit (dBm)	30	30.00
Conducted Power (dBm)	19.85	19.76
15.407 EIRP Limit (dBm)	36	36.00
RSS-247 EIRP Limit (dBm)	36	36.00
EIRP Power (dBm)	22.35	22.26

Table 145 - 802.11n / HT40 MCS0 / SISO / Core 1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted Power Core 0 (dBm)	19.94	19.98
Conducted Power Core 1 (dBm)	19.76	19.80
Antenna Directional Gain (dBi)	2.5	2.50
15.407 Conducted Power Limit (dBm)	30	30.00
RSS-247 Conducted Power Limit (dBm)	30	30.00
Total Conducted Power (dBm)	22.86	22.90
15.407 EIRP Limit (dBm)	36	36.00
RSS-247 EIRP Limit (dBm)	36	36.00
EIRP Power (dBm)	25.36	25.40

Table 146 - 802.11n / HT40 MCS0 / MIMO CDD / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted Power Core 0 (dBm)	19.97	19.96
Conducted Power Core 1 (dBm)	19.88	19.78
Antenna Directional Gain (dBi)	2.38	2.38
15.407 Conducted Power Limit (dBm)	30	30.00
RSS-247 Conducted Power Limit (dBm)	30	30.00
Total Conducted Power (dBm)	22.94	22.88
15.407 EIRP Limit (dBm)	36	36.00
RSS-247 EIRP Limit (dBm)	36	36.00
EIRP Power (dBm)	25.31	25.26

Table 147 - 802.11n / HT40 MCS8 / MIMO SDM / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted Power Core 0 (dBm)	18.94	18.86
Conducted Power Core 1 (dBm)	18.67	18.70
Antenna Directional Gain (dBi)	5.39	5.39
15.407 Conducted Power Limit (dBm)	30	30.00
RSS-247 Conducted Power Limit (dBm)	30	30.00
Total Conducted Power (dBm)	21.82	21.79
15.407 EIRP Limit (dBm)	36	36.00
RSS-247 EIRP Limit (dBm)	36	36.00
EIRP Power (dBm)	27.2	27.18

Table 148 - 802.11ac / VHT40 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Antenna Directional Gain (dBi)	2.5	2.50
15.407 Conducted Power Limit (dBm)	30	30.00
RSS-247 Conducted Power Limit (dBm)	30	30.00
Conducted Power (dBm)	19.66	19.88
15.407 EIRP Limit (dBm)	36	36.00
RSS-247 EIRP Limit (dBm)	36	36.00
EIRP Power (dBm)	22.16	22.38

Table 149 - 802.11ax / HE40 MCS0x1 / SU / SISO / Core 1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Antenna Directional Gain (dBi)	2.50	2.50
15.407 Conducted Power Limit (dBm)	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30.00	30.00
Conducted Power (dBm)	11.82	11.82
15.407 EIRP Limit (dBm)	36.00	36.00
RSS-247 EIRP Limit (dBm)	36.00	36.00
EIRP Power (dBm)	14.32	14.32

Table 150 - 802.11ax / HE40 MCS0x1 / RU 26-0 / SISO / Core 1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Antenna Directional Gain (dBi)	2.50	2.50
15.407 Conducted Power Limit (dBm)	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30.00	30.00
Conducted Power (dBm)	11.83	11.87
15.407 EIRP Limit (dBm)	36.00	36.00
RSS-247 EIRP Limit (dBm)	36.00	36.00
EIRP Power (dBm)	14.33	14.37

Table 151 - 802.11ax / HE40 MCS0x1 / RU 26-17 / SISO / Core 1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted Power Core 0 (dBm)	19.89	19.84
Conducted Power Core 1 (dBm)	19.86	19.84
Antenna Directional Gain (dBi)	2.5	2.50
15.407 Conducted Power Limit (dBm)	30	30.00
RSS-247 Conducted Power Limit (dBm)	30	30.00
Total Conducted Power (dBm)	22.88	22.85
15.407 EIRP Limit (dBm)	36	36.00
RSS-247 EIRP Limit (dBm)	36	36.00
EIRP Power (dBm)	25.38	25.35

Table 152 - 802.11ax / HE40 MCS0x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted Power Core 0 (dBm)	11.77	11.96
Conducted Power Core 1 (dBm)	11.75	11.96
Antenna Directional Gain (dBi)	2.50	2.50
15.407 Conducted Power Limit (dBm)	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30.00	30.00
Total Conducted Power (dBm)	14.77	14.97
15.407 EIRP Limit (dBm)	36.00	36.00
RSS-247 EIRP Limit (dBm)	36.00	36.00
EIRP Power (dBm)	17.27	17.47

Table 153 - 802.11ax / HE40 MCS0x1 / RU 26-0 / MIMO CDD / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted Power Core 0 (dBm)	11.96	11.86
Conducted Power Core 1 (dBm)	11.78	11.67
Antenna Directional Gain (dBi)	2.50	2.50
15.407 Conducted Power Limit (dBm)	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30.00	30.00
Total Conducted Power (dBm)	14.88	14.78
15.407 EIRP Limit (dBm)	36.00	36.00
RSS-247 EIRP Limit (dBm)	36.00	36.00
EIRP Power (dBm)	17.38	17.28

Table 154 - 802.11ax / HE40 MCS0x1 / RU 26-17 / MIMO CDD / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted Power Core 0 (dBm)	19.92	19.98
Conducted Power Core 1 (dBm)	19.68	19.87
Antenna Directional Gain (dBi)	2.38	2.38
15.407 Conducted Power Limit (dBm)	30	30.00
RSS-247 Conducted Power Limit (dBm)	30	30.00
Total Conducted Power (dBm)	22.81	22.94
15.407 EIRP Limit (dBm)	36	36.00
RSS-247 EIRP Limit (dBm)	36	36.00
EIRP Power (dBm)	25.19	25.31

Table 155 - 802.11ax / HE40 MCS0x2 / SU / MIMO SDM / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted Power Core 0 (dBm)	11.88	11.97
Conducted Power Core 1 (dBm)	11.82	11.88
Antenna Directional Gain (dBi)	2.38	2.38
15.407 Conducted Power Limit (dBm)	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30.00	30.00
Total Conducted Power (dBm)	14.86	14.93
15.407 EIRP Limit (dBm)	36.00	36.00
RSS-247 EIRP Limit (dBm)	36.00	36.00
EIRP Power (dBm)	17.24	17.31

Table 156 - 802.11ax / HE40 MCS0x2 / RU 26-0 / MIMO SDM / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted Power Core 0 (dBm)	11.99	11.92
Conducted Power Core 1 (dBm)	11.77	11.76
Antenna Directional Gain (dBi)	2.38	2.38
15.407 Conducted Power Limit (dBm)	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30.00	30.00
Total Conducted Power (dBm)	14.89	14.85
15.407 EIRP Limit (dBm)	36.00	36.00
RSS-247 EIRP Limit (dBm)	36.00	36.00
EIRP Power (dBm)	17.27	17.23

Table 157 - 802.11ax / HE40 MCS0x2 / RU 26-17 / MIMO SDM / Cores 0+1

Channel	Middle
Frequency (MHz)	5775
Antenna Directional Gain (dBi)	2.5
15.407 Conducted Power Limit (dBm)	30
RSS-247 Conducted Power Limit (dBm)	30
Conducted Power (dBm)	19.76
15.407 EIRP Limit (dBm)	36
RSS-247 EIRP Limit (dBm)	36
EIRP Power (dBm)	22.26

Table 158 - 802.11ac / VHT80 MCS0x1 / SISO / Core 1

Channel	Middle
Frequency (MHz)	5775
Conducted Power Core 0 (dBm)	19.13
Conducted Power Core 1 (dBm)	18.94
Antenna Directional Gain (dBi)	2.5
15.407 Conducted Power Limit (dBm)	30
RSS-247 Conducted Power Limit (dBm)	30
Total Conducted Power (dBm)	22.05
15.407 EIRP Limit (dBm)	36
RSS-247 EIRP Limit (dBm)	36
EIRP Power (dBm)	24.55

Table 159 - 802.11ac / VHT80 MCS0x1 / MIMO CDD / Cores 0+1

Channel	Middle
Frequency (MHz)	5775
Conducted Power Core 0 (dBm)	19.25
Conducted Power Core 1 (dBm)	19.07
Antenna Directional Gain (dBi)	2.38
15.407 Conducted Power Limit (dBm)	30
RSS-247 Conducted Power Limit (dBm)	30
Total Conducted Power (dBm)	22.17
15.407 EIRP Limit (dBm)	36
RSS-247 EIRP Limit (dBm)	36
EIRP Power (dBm)	24.55

Table 160 - 802.11ac / VHT80 MCS0x2 / MIMO SDM / Cores 0+1

Channel	Middle
Frequency (MHz)	5775
Conducted Power Core 0 (dBm)	18.1
Conducted Power Core 1 (dBm)	18.18
Antenna Directional Gain (dBi)	5.39
15.407 Conducted Power Limit (dBm)	30
RSS-247 Conducted Power Limit (dBm)	30
Total Conducted Power (dBm)	21.15
15.407 EIRP Limit (dBm)	36
RSS-247 EIRP Limit (dBm)	36
EIRP Power (dBm)	26.54

Table 161 - 802.11ac / VHT80 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Middle
Frequency (MHz)	5775
Antenna Directional Gain (dBi)	2.5
15.407 Conducted Power Limit (dBm)	30
RSS-247 Conducted Power Limit (dBm)	30
Conducted Power (dBm)	19.69
15.407 EIRP Limit (dBm)	36
RSS-247 EIRP Limit (dBm)	36
EIRP Power (dBm)	22.19

Table 162 - 802.11ax / HE80 MCS0x1 / SU / SISO / Core 1

Channel	Middle
Frequency (MHz)	5775
Antenna Directional Gain (dBi)	2.50
15.407 Conducted Power Limit (dBm)	30.00
RSS-247 Conducted Power Limit (dBm)	30.00
Conducted Power (dBm)	11.75
15.407 EIRP Limit (dBm)	36.00
RSS-247 EIRP Limit (dBm)	36.00
EIRP Power (dBm)	14.25

Table 163 - 802.11ax / HE80 MCS0x1 / RU 26-0 / SISO / Core 1

Channel	Middle
Frequency (MHz)	5775
Antenna Directional Gain (dBi)	2.50
15.407 Conducted Power Limit (dBm)	30.00
RSS-247 Conducted Power Limit (dBm)	30.00
Conducted Power (dBm)	11.87
15.407 EIRP Limit (dBm)	36.00
RSS-247 EIRP Limit (dBm)	36.00
EIRP Power (dBm)	14.37

Table 164 - 802.11ax / HE80 MCS0x1 / RU 26-36 / SISO / Core 1

Channel	Middle
Frequency (MHz)	5775
Conducted Power Core 0 (dBm)	19.21
Conducted Power Core 1 (dBm)	18.93
Antenna Directional Gain (dBi)	2.5
15.407 Conducted Power Limit (dBm)	30
RSS-247 Conducted Power Limit (dBm)	30
Total Conducted Power (dBm)	22.08
15.407 EIRP Limit (dBm)	36
RSS-247 EIRP Limit (dBm)	36
EIRP Power (dBm)	24.58

Table 165 - 802.11ax / HE80 MCS0x1 / SU / MIMO CDD / Cores 0+1

Channel	Middle
Frequency (MHz)	5775
Conducted Power Core 0 (dBm)	11.90
Conducted Power Core 1 (dBm)	11.74
Antenna Directional Gain (dBi)	2.50
15.407 Conducted Power Limit (dBm)	30.00
RSS-247 Conducted Power Limit (dBm)	30.00
Total Conducted Power (dBm)	14.83
15.407 EIRP Limit (dBm)	36.00
RSS-247 EIRP Limit (dBm)	36.00
EIRP Power (dBm)	17.33

Table 166 - 802.11ax / HE80 MCS0x1 / RU 26-0 / MIMO CDD / Cores 0+1

Channel	Middle
Frequency (MHz)	5775
Conducted Power Core 0 (dBm)	11.75
Conducted Power Core 1 (dBm)	11.94
Antenna Directional Gain (dBi)	2.50
15.407 Conducted Power Limit (dBm)	30.00
RSS-247 Conducted Power Limit (dBm)	30.00
Total Conducted Power (dBm)	14.86
15.407 EIRP Limit (dBm)	36.00
RSS-247 EIRP Limit (dBm)	36.00
EIRP Power (dBm)	17.36

Table 167 - 802.11ax / HE80 MCS0x1 / RU 26-36 / MIMO CDD / Cores 0+1

Channel	Middle
Frequency (MHz)	5775
Conducted Power Core 0 (dBm)	19.22
Conducted Power Core 1 (dBm)	18.97
Antenna Directional Gain (dBi)	2.38
15.407 Conducted Power Limit (dBm)	30
RSS-247 Conducted Power Limit (dBm)	30
Total Conducted Power (dBm)	22.11
15.407 EIRP Limit (dBm)	36
RSS-247 EIRP Limit (dBm)	36
EIRP Power (dBm)	24.49

Table 168 - 802.11ax / HE80 MCS0x2 / SU / MIMO SDM / Cores 0+1

Channel	Middle
Frequency (MHz)	5775
Conducted Power Core 0 (dBm)	11.67
Conducted Power Core 1 (dBm)	11.78
Antenna Directional Gain (dBi)	2.38
15.407 Conducted Power Limit (dBm)	30.00
RSS-247 Conducted Power Limit (dBm)	30.00
Total Conducted Power (dBm)	14.73
15.407 EIRP Limit (dBm)	36.00
RSS-247 EIRP Limit (dBm)	36.00
EIRP Power (dBm)	17.11

Table 169 - 802.11ax / HE80 MCS0x2 / RU 26-0 / MIMO SDM / Cores 0+1

Channel	Middle
Frequency (MHz)	5775
Conducted Power Core 0 (dBm)	11.93
Conducted Power Core 1 (dBm)	11.88
Antenna Directional Gain (dBi)	2.38
15.407 Conducted Power Limit (dBm)	30.00
RSS-247 Conducted Power Limit (dBm)	30.00
Total Conducted Power (dBm)	14.91
15.407 EIRP Limit (dBm)	36.00
RSS-247 EIRP Limit (dBm)	36.00
EIRP Power (dBm)	17.29

Table 170 - 802.11ax / HE80 MCS0x2 / RU 26-36 / MIMO SDM / Cores 0+1

FCC 47 CFR Part 15E, Limit Clause 15.407(a)

Condition of Operation	Frequency Range (MHz)			
	5150-5250	5250-5350	5470-5725	5725-5850
Max Conducted TX Power	30 dBm (1W) for master device 24 dBm (250 mW) for client device	24 dBm (250 mW) or 11 dBm + 10 Log B, whichever is lower (B = 26 dB emission BW)		30 dBm (1 W)
Max EIRP	4W (36 dBm) with 6 dBi antenna 200 W (53 dBm) for fixed P-t-P application with 23 dBi antenna Additional rule for outdoor operation: Max_EIRP < 125 mW (21 dBm) at any elevation angle > 30° from horizon.	1 W (30 dBm) with 6 dBi antenna		4 W (36 dBm) with 6 dBi antenna. No EIRP limit for fixed P-t-P application (i.e. no antenna gain limit)

Table 171

ISED RSS-247, Limit Clause 6.2.1.1, 6.2.2.1, 6.2.3.1 and 6.2.4.1

Device	Frequency Range (MHz)			
	5150-5250	5250-5350	5470-5725	5725-5850
OEM installed in vehicles	30 mW or 1.76 + 10 $\log_{10}$B, dBm (EIRP); whichever is less	30 mW or 1.76 + 10 $\log_{10}$B, dBm (EIRP)); whichever is less	-	-
Other	200 mW or 10 + 10$\log_{10}$B dBm (EIRP); whichever is less	250 mW or 11 + 10 $\log_{10}$B); whichever is less 1.0 W or 17 + 10$\log_{10}$B dBm EIRP; whichever is less	250 mW or 11 + 10 $\log_{10}$B); whichever is less 1.0 W or 17 + 10$\log_{10}$B dBm EIRP; whichever is less	1W 4W EIRP

Table 172

2.1.7 Test Location and Test Equipment Used

This test was carried out in RF Laboratory 1.

Instrument	Manufacturer	Type No	TE No	Calibration Period (months)	Calibration Due
Rubidium Standard	Rohde & Schwarz	XSRM	1316	6	05-May-2020
Multimeter	Iso-tech	IDM101	2424	12	12-Dec-2020
Hygrometer	Rotronic	I-1000	3220	12	25-Sep-2020
1800-6000 MHz Power Splitter	Mini-Circuits	ZN2PD-63-S+	4055	-	O/P Mon
Frequency Standard	Spectracom	SecureSync 1200-0408-0601	4393	6	05-May-2020
PXA Signal Analyser	Keysight Technologies	N9030A	4654	12	21-Oct-2020
Power splitter - 2 port	Mini-Circuits	ZN2PD-63-S+	4743	12	23-Sep-2020
Power splitter - 4 port	Mini-Circuits	ZN4PD1-63-S+	4744	12	23-Sep-2020
Cable (18 GHz)	Rosenberger	LU7-071-1000	5099	12	06-Oct-2020
USB Power Sensor	Boonton	RTP5006	5186	12	28-Nov-2020
3.5 mm 1m Cable	Junkosha	MWX221-01000DMS	5418	6	12-Jun-2020
3.5 mm 1m Cable	Junkosha	MWX221-01000DMS	5419	6	12-Jun-2020
3.5 mm 2m Cable	Junkosha	MWX221-02000DMS	5429	6	13-Jun-2020

Table 173

O/P Mon – Output Monitored using calibrated equipment

2.2 Maximum Conducted Power Spectral Density

2.2.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (a)
ISED RSS-247, Clause 6.2

2.2.2 Equipment Under Test and Modification State

A2330, S/N: C07CG05BPW8V - Modification State 0

2.2.3 Date of Test

20-April-2020 to 04-May-2020

2.2.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 12.5.

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 analysers 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 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).

2.2.5 Environmental Conditions

Ambient Temperature	20.5 - 25.2 °C
Relative Humidity	26.1 - 44.8 %

2.2.6 Test Results

U-NII-1

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	5.11	8.85	9.31
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.50	3.50	3.50
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	5.11	8.85	9.31

Table 174 - 802.11a / 6 Mbps / SISO / Core 0 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	3.49	3.86	3.90
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.50	3.50	3.50
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	6.99	7.36	7.40

Table 175 - 802.11a / 6 Mbps / SISO / Core 0 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	4.67	8.52	8.94
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.50	3.50	3.50
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	4.67	8.52	8.94

Table 176 - 802.11n / HT20 MCS0 / SISO / Core 0 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	3.85	4.31	4.50
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.50	3.50	3.50
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	7.35	7.81	8.00

Table 177 - 802.11n / HT20 MCS0 / SISO / Core 0 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	4.40	5.45	5.80
Conducted PSD Core 1 (dBm/MHz)	4.80	5.63	5.99
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	5.57	5.57	5.57
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	7.62	8.55	8.91

Table 178 - 802.11n / HT20 MCS0 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	-1.84	-1.49	-1.17
Conducted PSD Core 1 (dBm/MHz)	-1.65	-1.47	-1.37
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	5.57	5.57	5.57
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	6.84	7.10	7.31

Table 179 - 802.11n / HT20 MCS0 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	4.37	5.47	5.78
Conducted PSD Core 1 (dBm/MHz)	4.55	5.62	6.05
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	2.61	2.61	2.61
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	7.47	8.55	8.93

Table 180 - 802.11n / HT20 MCS8 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	1.08	1.66	1.56
Conducted PSD Core 1 (dBm/MHz)	1.32	1.68	2.18
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	2.61	2.61	2.61
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	6.82	7.29	7.51

Table 181 - 802.11n / HT20 MCS8 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	2.33	3.95	4.31
Conducted PSD Core 1 (dBm/MHz)	2.09	4.00	4.15
Duty Cycle Correction (dB)	0.31	0.26	0.25
Antenna Directional Gain (dBi)	5.57	5.57	5.57
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	5.53	7.24	7.49

Table 182 - 802.11ac / VHT20 MCS0x1 / MIMO TxBF / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	-3.05	-3.20	-2.87
Conducted PSD Core 1 (dBm/MHz)	-3.12	-2.95	-2.52
Duty Cycle Correction (dB)	0.31	0.26	0.24
Antenna Directional Gain (dBi)	5.57	5.57	5.57
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.81	5.77	6.13

Table 183 - 802.11ac / VHT20 MCS0x1 / MIMO TxBF / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	2.86	8.47	8.61
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.50	3.50	3.50
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	2.86	8.47	8.61

Table 184 - 802.11ax / HE20 MCS0x1 / SU / SISO / Core 0 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	2.90	3.77	3.80
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.50	3.50	3.50
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	6.40	7.27	7.30

Table 185 - 802.11ax / HE20 MCS0x1 / SU / SISO / Core 0 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	4.01	7.42	7.74
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.50	3.50	3.50
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	4.01	7.42	7.74

Table 186 - 802.11ax / HE20 MCS0x1 / RU 26-0 / SISO / Core 0 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	2.21	2.30	2.29
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.50	3.50	3.50
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.71	5.80	5.79

Table 187 - 802.11ax / HE20 MCS0x1 / RU 26-0 / SISO / Core 0 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	4.30	7.86	8.19
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.50	3.50	3.50
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	4.30	7.86	8.19

Table 188 - 802.11ax / HE20 MCS0x1 / RU 26-8 / SISO / Core 0 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	2.39	2.73	2.96
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.50	3.50	3.50
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.89	6.23	6.46

Table 189 - 802.11ax / HE20 MCS0x1 / RU 26-8 / SISO / Core 0 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	2.52	5.13	5.29
Conducted PSD Core 1 (dBm/MHz)	3.12	5.45	5.60
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	5.57	5.57	5.57
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	5.84	8.31	8.46

Table 190 - 802.11ax / HE20 MCS0x1 / SU / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	-1.21	-0.62	-0.64
Conducted PSD Core 1 (dBm/MHz)	-0.69	-0.63	-0.25
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	5.57	5.57	5.57
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	7.64	7.96	8.14

Table 191 - 802.11ax / HE20 MCS0x1 / SU / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	4.13	4.34	4.82
Conducted PSD Core 1 (dBm/MHz)	4.28	4.14	3.87
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	5.57	5.57	5.57
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	7.22	7.25	7.38

Table 192 - 802.11ax / HE20 MCS0x1 / RU 26-0 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	-3.30	-2.66	-2.63
Conducted PSD Core 1 (dBm/MHz)	-2.66	-2.93	-2.82
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	5.57	5.57	5.57
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.61	5.79	5.86

Table 193 - 802.11ax / HE20 MCS0x1 / RU 26-0 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	4.39	4.17	4.62
Conducted PSD Core 1 (dBm/MHz)	4.26	4.24	4.83
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	5.57	5.57	5.57
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	7.34	7.22	7.74

Table 194 - 802.11ax / HE20 MCS0x1 / RU 26-8 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	-2.49	-2.78	-2.86
Conducted PSD Core 1 (dBm/MHz)	-2.75	-2.51	-2.56
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	5.57	5.57	5.57
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.96	5.93	5.87

Table 195 - 802.11ax / HE20 MCS0x1 / RU 26-8 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	2.99	5.10	5.07
Conducted PSD Core 1 (dBm/MHz)	2.94	5.41	5.41
Duty Cycle Correction (dB)	0.10	0.10	0.10
Antenna Directional Gain (dBi)	2.61	2.61	2.61
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	6.08	8.37	8.35

Table 196 - 802.11ax / HE20 MCS0x2 / SU / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	1.32	1.78	1.95
Conducted PSD Core 1 (dBm/MHz)	1.70	1.65	1.96
Duty Cycle Correction (dB)	0.10	0.10	0.10
Antenna Directional Gain (dBi)	2.61	2.61	2.61
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	7.24	7.44	7.69

Table 197 - 802.11ax / HE20 MCS0x2 / SU / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	4.54	4.42	4.92
Conducted PSD Core 1 (dBm/MHz)	4.06	4.38	4.46
Duty Cycle Correction (dB)	0.09	0.09	0.09
Antenna Directional Gain (dBi)	2.61	2.61	2.61
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	7.41	7.50	7.80

Table 198 - 802.11ax / HE20 MCS0x2 / RU 26-0 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	0.09	0.03	0.22
Conducted PSD Core 1 (dBm/MHz)	-0.37	-0.14	0.16
Duty Cycle Correction (dB)	0.09	0.09	0.09
Antenna Directional Gain (dBi)	2.61	2.61	2.61
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.58	5.66	5.90

Table 199 - 802.11ax / HE20 MCS0x2 / RU 26-0 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	4.21	4.88	5.25
Conducted PSD Core 1 (dBm/MHz)	4.31	4.53	5.19
Duty Cycle Correction (dB)	0.09	0.09	0.09
Antenna Directional Gain (dBi)	2.61	2.61	2.61
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	7.36	7.81	8.32

Table 200 - 802.11ax / HE20 MCS0x2 / RU 26-8 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	0.11	0.50	0.76
Conducted PSD Core 1 (dBm/MHz)	0.32	-0.01	0.47
Duty Cycle Correction (dB)	0.09	0.09	0.09
Antenna Directional Gain (dBi)	2.61	2.61	2.61
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.93	5.97	6.33

Table 201 - 802.11ax / HE20 MCS0x2 / RU 26-8 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	-0.04	5.86
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.50	3.50
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	-0.04	5.86

Table 202 - 802.11n / HT40 MCS0 / SISO / Core 0 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	0.04	3.30
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.50	3.50
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	3.54	6.80

Table 203 - 802.11n / HT40 MCS0 / SISO / Core 0 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-0.76	5.98
Conducted PSD Core 1 (dBm/MHz)	-0.45	5.91
Duty Cycle Correction (dB)	N/A SA-1	0.09
Antenna Directional Gain (dBi)	5.57	5.57
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	2.41	9.04

Table 204 - 802.11n / HT40 MCS0 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-1.43	-1.27
Conducted PSD Core 1 (dBm/MHz)	-1.40	-0.94
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	5.57	5.57
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	7.16	7.48

Table 205 - 802.11n / HT40 MCS0 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-0.79	5.88
Conducted PSD Core 1 (dBm/MHz)	-0.54	5.88
Duty Cycle Correction (dB)	0.16	0.17
Antenna Directional Gain (dBi)	2.61	2.61
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	2.51	9.05

Table 206 - 802.11n / HT40 MCS8 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-0.83	1.18
Conducted PSD Core 1 (dBm/MHz)	-0.32	1.57
Duty Cycle Correction (dB)	0.16	0.16
Antenna Directional Gain (dBi)	2.61	2.61
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.22	7.17

Table 207 - 802.11n / HT40 MCS8 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-3.47	3.43
Conducted PSD Core 1 (dBm/MHz)	-3.00	3.57
Duty Cycle Correction (dB)	0.45	0.56
Antenna Directional Gain (dBi)	5.57	5.57
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	0.23	7.07

Table 208 - 802.11ac / VHT40 MCS0x1 / MIMO TxBF / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-3.42	-3.28
Conducted PSD Core 1 (dBm/MHz)	-3.06	-3.27
Duty Cycle Correction (dB)	0.46	0.41
Antenna Directional Gain (dBi)	5.57	5.57
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.80	5.72

Table 209 - 802.11ac / VHT40 MCS0x1 / MIMO TxBF / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	-1.81	5.95
Duty Cycle Correction (dB)	0.11	0.11
Antenna Directional Gain (dBi)	3.50	3.50
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	-1.70	6.06

Table 210 - 802.11ax / HE40 MCS0x1 / SU / SISO / Core 0 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	-1.86	3.13
Duty Cycle Correction (dB)	0.11	0.11
Antenna Directional Gain (dBi)	3.50	3.50
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	1.75	6.74

Table 211 - 802.11ax / HE40 MCS0x1 / SU / SISO / Core 0 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	8.19	7.84
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.50	3.50
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	8.19	7.84

Table 212 - 802.11ax / HE40 MCS0x1 / RU 26-0 / SISO / Core 0 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	2.61	2.78
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.50	3.50
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	6.11	6.28

Table 213 - 802.11ax / HE40 MCS0x1 / RU 26-0 / SISO / Core 0 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	8.11	8.35
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.50	3.50
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	8.11	8.35

Table 214 - 802.11ax / HE40 MCS0x1 / RU 26-17 / SISO / Core 0 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	2.58	3.03
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.50	3.50
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	6.08	6.53

Table 215 - 802.11ax / HE40 MCS0x1 / RU 26-17 / SISO / Core 0 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-2.29	5.78
Conducted PSD Core 1 (dBm/MHz)	-2.12	6.16
Duty Cycle Correction (dB)	0.11	0.11
Antenna Directional Gain (dBi)	5.57	5.57
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	0.92	9.09

Table 216 - 802.11ax / HE40 MCS0x1 / SU / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-2.34	-0.73
Conducted PSD Core 1 (dBm/MHz)	-2.44	-0.38
Duty Cycle Correction (dB)	0.11	0.11
Antenna Directional Gain (dBi)	5.57	5.57
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	6.30	8.13

Table 217 - 802.11ax / HE40 MCS0x1 / SU / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	4.37	4.70
Conducted PSD Core 1 (dBm/MHz)	4.18	4.73
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	5.57	5.57
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	7.28	7.72

Table 218 - 802.11ax / HE40 MCS0x1 / RU 26-0 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-2.26	-2.31
Conducted PSD Core 1 (dBm/MHz)	-2.40	-2.46
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	5.57	5.57
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	6.25	6.19

Table 219 - 802.11ax / HE40 MCS0x1 / RU 26-0 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	4.50	4.61
Conducted PSD Core 1 (dBm/MHz)	4.68	4.74
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	5.57	5.57
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	7.60	7.69

Table 220 - 802.11ax / HE40 MCS0x1 / RU 26-17 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-2.17	-2.09
Conducted PSD Core 1 (dBm/MHz)	-2.26	-2.65
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	5.57	5.57
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	6.36	6.22

Table 221 - 802.11ax / HE40 MCS0x1 / RU 26-17 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-2.47	5.47
Conducted PSD Core 1 (dBm/MHz)	-2.50	6.14
Duty Cycle Correction (dB)	0.19	0.19
Antenna Directional Gain (dBi)	2.61	2.61
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	0.72	9.02

Table 222 - 802.11ax / HE40 MCS0x2 / SU / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-2.58	1.30
Conducted PSD Core 1 (dBm/MHz)	-2.23	1.14
Duty Cycle Correction (dB)	0.19	0.19
Antenna Directional Gain (dBi)	2.61	2.61
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	3.41	7.03

Table 223 - 802.11ax / HE40 MCS0x2 / SU / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	4.85	5.09
Conducted PSD Core 1 (dBm/MHz)	4.83	4.81
Duty Cycle Correction (dB)	0.09	0.09
Antenna Directional Gain (dBi)	2.61	2.61
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	7.94	8.05

Table 224 - 802.11ax / HE40 MCS0x2 / RU 26-0 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-0.13	0.08
Conducted PSD Core 1 (dBm/MHz)	-0.25	0.29
Duty Cycle Correction (dB)	0.09	0.09
Antenna Directional Gain (dBi)	2.61	2.61
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.53	5.90

Table 225 - 802.11ax / HE40 MCS0x2 / RU 26-0 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	4.96	5.19
Conducted PSD Core 1 (dBm/MHz)	4.96	5.73
Duty Cycle Correction (dB)	0.09	0.09
Antenna Directional Gain (dBi)	2.61	2.61
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	8.06	8.57

Table 226 - 802.11ax / HE40 MCS0x2 / RU 26-17 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-0.03	0.13
Conducted PSD Core 1 (dBm/MHz)	-0.24	0.17
Duty Cycle Correction (dB)	0.09	0.09
Antenna Directional Gain (dBi)	2.61	2.61
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.59	5.86

Table 227 - 802.11ax / HE40 MCS0x2 / RU 26-17 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	-3.81
Duty Cycle Correction (dB)	0.18
Antenna Directional Gain (dBi)	3.50
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-3.63

Table 228 - 802.11ac / VHT80 MCS0x1 / SISO / Core 0 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	-3.66
Duty Cycle Correction (dB)	0.18
Antenna Directional Gain (dBi)	3.50
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	0.02

Table 229 - 802.11ac / VHT80 MCS0x1 / SISO / Core 0 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-4.48
Conducted PSD Core 1 (dBm/MHz)	-4.11
Duty Cycle Correction (dB)	0.18
Antenna Directional Gain (dBi)	5.57
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-1.10

Table 230 - 802.11ac / VHT80 MCS0x1 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-4.50
Conducted PSD Core 1 (dBm/MHz)	-4.53
Duty Cycle Correction (dB)	0.18
Antenna Directional Gain (dBi)	5.57
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	4.24

Table 231 - 802.11ac / VHT80 MCS0x1 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-4.26
Conducted PSD Core 1 (dBm/MHz)	-4.16
Duty Cycle Correction (dB)	0.31
Antenna Directional Gain (dBi)	2.61
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-0.89

Table 232 - 802.11ac / VHT80 MCS0x2 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-4.34
Conducted PSD Core 1 (dBm/MHz)	-4.37
Duty Cycle Correction (dB)	0.32
Antenna Directional Gain (dBi)	2.61
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	1.58

Table 233 - 802.11ac / VHT80 MCS0x2 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-6.65
Conducted PSD Core 1 (dBm/MHz)	-7.09
Duty Cycle Correction (dB)	0.38
Antenna Directional Gain (dBi)	5.57
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-3.48

Table 234 - 802.11ac / VHT80 MCS0x1 / MIMO TxBF / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-6.38
Conducted PSD Core 1 (dBm/MHz)	-6.75
Duty Cycle Correction (dB)	0.38
Antenna Directional Gain (dBi)	5.57
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	2.40

Table 235 - 802.11ac / VHT80 MCS0x1 / MIMO TxBF / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	-4.87
Duty Cycle Correction (dB)	0.20
Antenna Directional Gain (dBi)	3.50
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-4.67

Table 236 - 802.11ax / HE80 MCS0x1 / SU / SISO / Core 0 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	-5.29
Duty Cycle Correction (dB)	0.21
Antenna Directional Gain (dBi)	3.50
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	-1.58

Table 237 - 802.11ax / HE80 MCS0x1 / SU / SISO / Core 0 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	8.22
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	3.50
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	8.22

Table 238 - 802.11ax / HE80 MCS0x1 / RU 26-0 / SISO / Core 0 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	2.38
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	3.50
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	5.88

Table 239 - 802.11ax / HE80 MCS0x1 / RU 26-0 / SISO / Core 0 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	8.44
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	3.50
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	8.44

Table 240 - 802.11ax / HE80 MCS0x1 / RU 26-36 / SISO / Core 0 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	2.91
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	3.50
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	6.41

Table 241 - 802.11ax / HE80 MCS0x1 / RU 26-36 / SISO / Core 0 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-5.61
Conducted PSD Core 1 (dBm/MHz)	-6.00
Duty Cycle Correction (dB)	0.21
Antenna Directional Gain (dBi)	5.57
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-2.58

Table 242 - 802.11ax / HE80 MCS0x1 / SU / MIMO CDD / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-5.79
Conducted PSD Core 1 (dBm/MHz)	-6.08
Duty Cycle Correction (dB)	0.20
Antenna Directional Gain (dBi)	5.57
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	2.85

Table 243 - 802.11ax / HE80 MCS0x1 / SU / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	4.25
Conducted PSD Core 1 (dBm/MHz)	5.03
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	5.57
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	7.67

Table 244 - 802.11ax / HE80 MCS0x1 / RU 26-0 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-2.33
Conducted PSD Core 1 (dBm/MHz)	-2.71
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	5.57
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	6.06

Table 245 - 802.11ax / HE80 MCS0x1 / RU 26-0 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	5.00
Conducted PSD Core 1 (dBm/MHz)	4.70
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	5.57
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	7.86

Table 246 - 802.11ax / HE80 MCS0x1 / RU 26-36 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-1.42
Conducted PSD Core 1 (dBm/MHz)	-2.43
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	5.57
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	6.68

Table 247 - 802.11ax / HE80 MCS0x1 / RU 26-36 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-6.43
Conducted PSD Core 1 (dBm/MHz)	-6.22
Duty Cycle Correction (dB)	0.34
Antenna Directional Gain (dBi)	2.61
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-2.97

Table 248 - 802.11ax / HE80 MCS0x2 / SU / MIMO SDM / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-5.97
Conducted PSD Core 1 (dBm/MHz)	-6.26
Duty Cycle Correction (dB)	0.34
Antenna Directional Gain (dBi)	2.61
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	-0.15

Table 249 - 802.11ax / HE80 MCS0x2 / SU / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	5.17
Conducted PSD Core 1 (dBm/MHz)	4.98
Duty Cycle Correction (dB)	0.10
Antenna Directional Gain (dBi)	2.61
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	8.18

Table 250 - 802.11ax / HE80 MCS0x2 / RU 26-0 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	0.36
Conducted PSD Core 1 (dBm/MHz)	0.31
Duty Cycle Correction (dB)	0.10
Antenna Directional Gain (dBi)	2.61
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	6.06

Table 251 - 802.11ax / HE80 MCS0x2 / RU 26-0 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	4.98
Conducted PSD Core 1 (dBm/MHz)	5.17
Duty Cycle Correction (dB)	0.10
Antenna Directional Gain (dBi)	2.61
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	8.19

Table 252 - 802.11ax / HE80 MCS0x2 / RU 26-36 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	0.92
Conducted PSD Core 1 (dBm/MHz)	0.67
Duty Cycle Correction (dB)	0.10
Antenna Directional Gain (dBi)	2.61
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	6.52

Table 253 - 802.11ax / HE80 MCS0x2 / RU 26-36 / MIMO SDM / Cores 0+1 / Country Code CA

U-NII-2A

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Raw Conducted PSD (dBm/MHz)	8.98	8.90	5.05
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.00	3.00	3.00
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	8.98	8.90	5.05

Table 254 - 802.11a / 6 Mbps / SISO / Core 0

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Raw Conducted PSD (dBm/MHz)	8.48	8.84	4.77
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.00	3.00	3.00
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	8.48	8.84	4.77

Table 255 - 802.11n / HT20 MCS0 / SISO / Core 0

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted PSD Core 0 (dBm/MHz)	5.48	5.92	5.13
Conducted PSD Core 1 (dBm/MHz)	5.89	5.76	4.86
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	5.29	5.29	5.29
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	8.70	8.85	8.01

Table 256 - 802.11n / HT20 MCS0 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted PSD Core 0 (dBm/MHz)	5.61	5.68	4.93
Conducted PSD Core 1 (dBm/MHz)	5.86	5.36	4.86
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	2.31	2.31	2.31
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	8.75	8.53	7.91

Table 257 - 802.11n / HT20 MCS8 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted PSD Core 0 (dBm/MHz)	4.20	4.48	2.68
Conducted PSD Core 1 (dBm/MHz)	3.99	4.39	2.17
Duty Cycle Correction (dB)	0.26	0.24	0.24
Antenna Directional Gain (dBi)	5.29	5.29	5.29
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	7.37	7.69	5.68

Table 258 - 802.11ac / VHT20 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Raw Conducted PSD (dBm/MHz)	8.24	8.51	2.87
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.00	3.00	3.00
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	8.24	8.51	2.87

Table 259 - 802.11ax / HE20 MCS0x1 / SU / SISO / Core 0

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted PSD Core 0 (dBm/MHz)	5.08	5.36	2.89
Conducted PSD Core 1 (dBm/MHz)	5.61	5.49	3.10
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	5.29	5.29	5.29
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	8.36	8.44	6.01

Table 260 - 802.11ax / HE20 MCS0x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted PSD Core 0 (dBm/MHz)	5.06	5.34	2.95
Conducted PSD Core 1 (dBm/MHz)	5.32	5.37	2.92
Duty Cycle Correction (dB)	0.10	0.10	0.10
Antenna Directional Gain (dBi)	2.31	2.31	2.31
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	8.30	8.47	6.05

Table 261 - 802.11ax / HE20 MCS0x2 / SU / MIMO SDM / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Raw Conducted PSD (dBm/MHz)	5.67	0.17
Duty Cycle Correction (dB)	N/A SA-1	0.09
Antenna Directional Gain (dBi)	3.00	3.00
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	5.67	0.26

Table 262 - 802.11n / HT40 MCS0 / SISO / Core 0

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted PSD Core 0 (dBm/MHz)	5.89	0.20
Conducted PSD Core 1 (dBm/MHz)	5.76	0.32
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	5.29	5.29
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	8.84	3.27

Table 263 - 802.11n / HT40 MCS0 / MIMO CDD / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted PSD Core 0 (dBm/MHz)	5.62	-0.39
Conducted PSD Core 1 (dBm/MHz)	5.68	-0.21
Duty Cycle Correction (dB)	0.16	0.17
Antenna Directional Gain (dBi)	2.31	2.31
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	8.82	2.88

Table 264 - 802.11n / HT40 MCS8 / MIMO SDM / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted PSD Core 0 (dBm/MHz)	3.92	-2.80
Conducted PSD Core 1 (dBm/MHz)	3.05	-2.83
Duty Cycle Correction (dB)	0.26	0.44
Antenna Directional Gain (dBi)	5.29	5.29
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	6.78	0.63

Table 265 - 802.11ac / VHT40 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Raw Conducted PSD (dBm/MHz)	5.67	-1.68
Duty Cycle Correction (dB)	0.10	0.10
Antenna Directional Gain (dBi)	3.00	3.00
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	5.77	-1.58

Table 266 - 802.11ax / HE40 MCS0x1 / SU / SISO / Core 0

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted PSD Core 0 (dBm/MHz)	5.82	-1.81
Conducted PSD Core 1 (dBm/MHz)	5.40	-1.89
Duty Cycle Correction (dB)	0.10	0.10
Antenna Directional Gain (dBi)	5.29	5.29
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	8.73	1.26

Table 267 - 802.11ax / HE40 MCS0x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted PSD Core 0 (dBm/MHz)	5.69	-1.88
Conducted PSD Core 1 (dBm/MHz)	5.60	-1.84
Duty Cycle Correction (dB)	0.19	0.19
Antenna Directional Gain (dBi)	2.31	2.31
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	8.85	1.34

Table 268 - 802.11ax / HE40 MCS0x2 / SU / MIMO SDM / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
Raw Conducted PSD (dBm/MHz)	-4.23
Duty Cycle Correction (dB)	0.18
Antenna Directional Gain (dBi)	3.00
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-4.05

Table 269 - 802.11ac / VHT80 MCS0x1 / SISO / Core 0

Channel	Middle
Frequency (MHz)	5290
Conducted PSD Core 0 (dBm/MHz)	-4.35
Conducted PSD Core 1 (dBm/MHz)	-4.16
Duty Cycle Correction (dB)	0.18
Antenna Directional Gain (dBi)	5.29
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-1.07

Table 270 - 802.11ac / VHT80 MCS0x1 / MIMO CDD / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
Conducted PSD Core 0 (dBm/MHz)	-4.82
Conducted PSD Core 1 (dBm/MHz)	-4.74
Duty Cycle Correction (dB)	0.31
Antenna Directional Gain (dBi)	2.31
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-1.45

Table 271 - 802.11ac / VHT80 MCS0x2 / MIMO SDM / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
Conducted PSD Core 0 (dBm/MHz)	-6.74
Conducted PSD Core 1 (dBm/MHz)	-7.12
Duty Cycle Correction (dB)	0.40
Antenna Directional Gain (dBi)	5.29
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-3.52

Table 272 - 802.11ac / VHT80 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
Raw Conducted PSD (dBm/MHz)	-6.01
Duty Cycle Correction (dB)	0.20
Antenna Directional Gain (dBi)	3.00
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-5.81

Table 273 - 802.11ax / HE80 MCS0x1 / SU / SISO / Core 0

Channel	Middle
Frequency (MHz)	5290
Conducted PSD Core 0 (dBm/MHz)	-6.35
Conducted PSD Core 1 (dBm/MHz)	-5.85
Duty Cycle Correction (dB)	0.20
Antenna Directional Gain (dBi)	5.29
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-2.88

Table 274 - 802.11ax / HE80 MCS0x1 / SU / MIMO CDD / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
Conducted PSD Core 0 (dBm/MHz)	-6.48
Conducted PSD Core 1 (dBm/MHz)	-6.19
Duty Cycle Correction (dB)	0.34
Antenna Directional Gain (dBi)	2.31
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-2.98

Table 275 - 802.11ax / HE80 MCS0x2 / SU / MIMO SDM / Cores 0+1

U-NII-2C

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Raw Conducted PSD (dBm/MHz)	5.38	9.86	5.34	10.26
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.00	4.00	4.00	4.00
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	5.38	9.86	5.34	10.26

Table 276 - 802.11a / 6 Mbps / SISO / Core 0

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Raw Conducted PSD (dBm/MHz)	5.09	9.90	4.87	9.95
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.00	4.00	4.00	4.00
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	5.09	9.90	4.87	9.95

Table 277 - 802.11n / HT20 MCS0 / SISO / Core 0

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted PSD Core 0 (dBm/MHz)	3.98	6.48	3.66	6.73
Conducted PSD Core 1 (dBm/MHz)	4.22	6.80	3.78	7.22
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.41	6.41	6.41	6.41
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	7.11	9.65	6.73	9.99

Table 278 - 802.11n / HT20 MCS0 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted PSD Core 0 (dBm/MHz)	3.95	6.20	3.87	6.87
Conducted PSD Core 1 (dBm/MHz)	4.03	6.53	3.96	7.06
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.42	3.42	3.42	3.42
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	7.00	9.38	6.93	9.98

Table 279 - 802.11n / HT20 MCS8 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted PSD Core 0 (dBm/MHz)	1.77	5.24	1.60	5.04
Conducted PSD Core 1 (dBm/MHz)	1.58	4.76	0.40	5.04
Duty Cycle Correction (dB)	0.25	0.26	0.27	0.26
Antenna Directional Gain (dBi)	6.41	6.41	6.41	6.41
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	4.94	8.28	4.32	8.31

Table 280 - 802.11ac / VHT20 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Raw Conducted PSD (dBm/MHz)	3.35	8.92	3.04	9.60
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.00	4.00	4.00	4.00
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	3.35	8.92	3.04	9.60

Table 281 - 802.11ax / HE20 MCS0x1 / SU / SISO / Core 0

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted PSD Core 0 (dBm/MHz)	2.34	5.95	2.00	6.30
Conducted PSD Core 1 (dBm/MHz)	2.25	6.15	1.90	6.10
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.41	6.41	6.41	6.41
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	5.30	9.06	4.96	9.21

Table 282 - 802.11ax / HE20 MCS0x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted PSD Core 0 (dBm/MHz)	2.11	6.24	1.92	6.22
Conducted PSD Core 1 (dBm/MHz)	2.22	6.34	1.64	6.57
Duty Cycle Correction (dB)	0.10	0.10	0.10	0.10
Antenna Directional Gain (dBi)	3.42	3.42	3.42	3.42
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	5.27	9.40	4.89	9.51

Table 283 - 802.11ax / HE20 MCS0x2 / SU / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Raw Conducted PSD (dBm/MHz)	1.76	6.67	5.47	7.08
Duty Cycle Correction (dB)	0.09	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.00	4.00	4.00	4.00
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	1.85	6.67	5.47	7.08

Table 284 - 802.11n / HT40 MCS0 / SISO / Core 0

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted PSD Core 0 (dBm/MHz)	1.49	6.72	4.95	6.89
Conducted PSD Core 1 (dBm/MHz)	1.40	6.72	5.03	7.34
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.41	6.41	6.41	6.41
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	4.46	9.73	8.00	10.13

Table 285 - 802.11n / HT40 MCS0 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted PSD Core 0 (dBm/MHz)	1.22	6.74	4.77	6.94
Conducted PSD Core 1 (dBm/MHz)	1.23	6.80	4.92	6.78
Duty Cycle Correction (dB)	0.16	0.17	0.16	0.17
Antenna Directional Gain (dBi)	3.42	3.42	3.42	3.42
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	4.40	9.94	8.02	10.04

Table 286 - 802.11n / HT40 MCS8 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted PSD Core 0 (dBm/MHz)	-1.44	3.19	2.05	4.02
Conducted PSD Core 1 (dBm/MHz)	-1.45	2.78	2.51	3.35
Duty Cycle Correction (dB)	0.40	0.53	0.48	0.58
Antenna Directional Gain (dBi)	6.41	6.41	6.41	6.41
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	1.97	6.53	5.77	7.29

Table 287 - 802.11ac / VHT40 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Raw Conducted PSD (dBm/MHz)	0.45	6.57	3.55	6.66
Duty Cycle Correction (dB)	0.11	0.11	0.10	0.10
Antenna Directional Gain (dBi)	4.00	4.00	4.00	4.00
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	0.56	6.68	3.65	6.76

Table 288 - 802.11ax / HE40 MCS0x1 / SU / SISO / Core 0

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted PSD Core 0 (dBm/MHz)	-0.04	6.38	3.17	6.70
Conducted PSD Core 1 (dBm/MHz)	-0.46	6.35	3.35	6.73
Duty Cycle Correction (dB)	0.11	0.11	0.10	0.10
Antenna Directional Gain (dBi)	6.41	6.41	6.41	6.41
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	2.88	9.48	6.37	9.83

Table 289 - 802.11ax / HE40 MCS0x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted PSD Core 0 (dBm/MHz)	-0.18	6.60	3.09	6.64
Conducted PSD Core 1 (dBm/MHz)	-0.56	6.12	3.15	6.93
Duty Cycle Correction (dB)	0.19	0.18	0.18	0.18
Antenna Directional Gain (dBi)	3.42	3.42	3.42	3.42
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	2.84	9.56	6.31	9.98

Table 290 - 802.11ax / HE40 MCS0x2 / SU / MIMO SDM / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Raw Conducted PSD (dBm/MHz)	-1.63	3.64	4.28
Duty Cycle Correction (dB)	0.18	0.18	0.17
Antenna Directional Gain (dBi)	4.00	4.00	4.00
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	-1.45	3.82	4.45

Table 291 - 802.11ac / VHT80 MCS0x1 / SISO / Core 0

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted PSD Core 0 (dBm/MHz)	-2.89	3.71	4.33
Conducted PSD Core 1 (dBm/MHz)	-3.11	3.95	4.11
Duty Cycle Correction (dB)	0.18	0.18	0.18
Antenna Directional Gain (dBi)	6.41	6.41	6.41
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	0.19	7.02	7.41

Table 292 - 802.11ac / VHT80 MCS0x1 / MIMO CDD / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted PSD Core 0 (dBm/MHz)	-3.31	3.47	3.61
Conducted PSD Core 1 (dBm/MHz)	-3.30	3.48	4.08
Duty Cycle Correction (dB)	0.32	0.31	0.32
Antenna Directional Gain (dBi)	3.42	3.42	3.42
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	0.02	6.80	7.18

Table 293 - 802.11ac / VHT80 MCS0x2 / MIMO SDM / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted PSD Core 0 (dBm/MHz)	-5.30	-0.45	0.25
Conducted PSD Core 1 (dBm/MHz)	-6.09	-0.80	-0.13
Duty Cycle Correction (dB)	0.52	1.06	1.08
Antenna Directional Gain (dBi)	6.41	6.41	6.41
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	-2.14	3.45	4.15

Table 294 - 802.11ac / VHT80 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Raw Conducted PSD (dBm/MHz)	-2.96	3.66	3.73
Duty Cycle Correction (dB)	0.20	0.20	0.20
Antenna Directional Gain (dBi)	4.00	4.00	4.00
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	-2.75	3.86	3.93

Table 295 - 802.11ax / HE80 MCS0x1 / SU / SISO / Core 0

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted PSD Core 0 (dBm/MHz)	-4.68	3.56	3.92
Conducted PSD Core 1 (dBm/MHz)	-4.66	3.63	4.06
Duty Cycle Correction (dB)	0.20	0.20	0.20
Antenna Directional Gain (dBi)	6.41	6.41	6.41
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	-1.46	6.80	7.20

Table 296 - 802.11ax / HE80 MCS0x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted PSD Core 0 (dBm/MHz)	-4.96	3.37	3.66
Conducted PSD Core 1 (dBm/MHz)	-4.70	3.49	3.73
Duty Cycle Correction (dB)	0.35	0.34	0.34
Antenna Directional Gain (dBi)	3.42	3.42	3.42
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	-1.47	6.79	7.05

Table 297 - 802.11ax / HE80 MCS0x2 / SU / MIMO SDM / Cores 0+1

U-NII-3

Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Raw Conducted PSD (dBm/500kHz)	5.08	6.34	7.39	7.04
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	2.75	2.50	2.50	2.50
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00	30.00
Conducted PSD Result (dBm/500kHz)	5.08	6.34	7.39	7.04

Table 298 - 802.11a / 6 Mbps / SISO / Core 1

Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Raw Conducted PSD (dBm/500kHz)	4.67	6.62	6.99	6.85
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	2.75	2.50	2.50	2.50
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00	30.00
Conducted PSD Result (dBm/500kHz)	4.67	6.62	6.99	6.85

Table 299 - 802.11n / HT20 MCS0 / SISO / Core 1

Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	1.40	6.29	6.74	6.99
Conducted PSD Core 1 (dBm/500kHz)	1.78	6.69	6.72	7.34
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.41	5.39	5.39	5.39
15.407 Conducted PSD Limit (dBm/500kHz)	29.59	30.00	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.59	30.00	30.00	30.00
Conducted PSD Result (dBm/500kHz)	4.60	9.50	9.74	10.18

Table 300 - 802.11n / HT20 MCS0 / MIMO CDD / Cores 0+1

Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	2.05	5.79	6.99	7.18
Conducted PSD Core 1 (dBm/500kHz)	1.71	6.71	7.08	7.02
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.42	2.38	2.38	2.38
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00	30.00
Conducted PSD Result (dBm/500kHz)	4.89	9.28	10.04	10.11

Table 301 - 802.11n / HT20 MCS8 / MIMO SDM / Cores 0+1

Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	1.53	0.35	4.11	3.62
Conducted PSD Core 1 (dBm/500kHz)	1.71	2.68	3.72	0.62
Duty Cycle Correction (dB)	0.27	0.26	0.26	0.26
Antenna Directional Gain (dBi)	6.41	5.39	5.39	5.39
15.407 Conducted PSD Limit (dBm/500kHz)	29.59	30.00	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.59	30.00	30.00	30.00
Conducted PSD Result (dBm/500kHz)	4.90	4.94	7.19	5.64

Table 302 - 802.11ac / VHT20 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Raw Conducted PSD (dBm/500kHz)	4.01	6.07	6.39	6.34
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	2.75	2.50	2.50	2.50
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00	30.00
Conducted PSD Result (dBm/500kHz)	4.01	6.07	6.39	6.34

Table 303 - 802.11ax / HE20 MCS0x1 / SU / SISO / Core 1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Raw Conducted PSD (dBm/500kHz)	6.00	6.47	6.58
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	2.50	2.50	2.50
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00
Conducted PSD Result (dBm/500kHz)	6.00	6.47	6.58

Table 304 - 802.11ax / HE20 MCS0x1 / RU 26-0 / SISO / Core 1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Raw Conducted PSD (dBm/500kHz)	6.01	6.45	6.59
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	2.50	2.50	2.50
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00
Conducted PSD Result (dBm/500kHz)	6.01	6.45	6.59

Table 305 - 802.11ax / HE20 MCS0x1 / RU 26-8 / SISO / Core 1

Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	1.10	6.15	6.28	6.28
Conducted PSD Core 1 (dBm/500kHz)	1.72	6.01	6.52	6.38
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.41	5.39	5.39	5.39
15.407 Conducted PSD Limit (dBm/500kHz)	29.59	30.00	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.59	30.00	30.00	30.00
Conducted PSD Result (dBm/500kHz)	4.43	9.09	9.41	9.34

Table 306 - 802.11ax / HE20 MCS0x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	6.17	6.29	6.74
Conducted PSD Core 1 (dBm/500kHz)	6.25	6.43	6.43
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	5.39	5.39	5.39
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00
Conducted PSD Result (dBm/500kHz)	9.22	9.37	9.60

Table 307 - 802.11ax / HE20 MCS0x1 / RU 26-0 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	6.09	6.72	6.79
Conducted PSD Core 1 (dBm/500kHz)	6.13	6.44	6.58
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	5.39	5.39	5.39
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00
Conducted PSD Result (dBm/500kHz)	9.12	9.59	9.70

Table 308 - 802.11ax / HE20 MCS0x1 / RU 26-8 / MIMO CDD / Cores 0+1

Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	0.98	6.06	6.18	6.31
Conducted PSD Core 1 (dBm/500kHz)	1.63	5.82	5.96	6.18
Duty Cycle Correction (dB)	0.10	0.10	0.10	0.10
Antenna Directional Gain (dBi)	3.42	2.38	2.38	2.38
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00	30.00
Conducted PSD Result (dBm/500kHz)	4.43	9.05	9.18	9.36

Table 309 - 802.11ax / HE20 MCS0x2 / SU / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	6.19	6.26	6.43
Conducted PSD Core 1 (dBm/500kHz)	6.42	6.41	6.46
Duty Cycle Correction (dB)	0.09	0.09	0.09
Antenna Directional Gain (dBi)	2.38	2.38	2.38
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00
Conducted PSD Result (dBm/500kHz)	9.40	9.44	9.54

Table 310 - 802.11ax / HE20 MCS0x2 / RU 26-0 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	5.94	6.02	6.42
Conducted PSD Core 1 (dBm/500kHz)	6.00	6.50	6.19
Duty Cycle Correction (dB)	0.09	0.09	0.09
Antenna Directional Gain (dBi)	2.38	2.38	2.38
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00
Conducted PSD Result (dBm/500kHz)	9.07	9.37	9.41

Table 311 - 802.11ax / HE20 MCS0x2 / RU 26-8 / MIMO SDM / Cores 0+1

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Raw Conducted PSD (dBm/500kHz)	0.97	3.78	4.15
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	2.75	2.50	2.50
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00
Conducted PSD Result (dBm/500kHz)	0.97	3.78	4.15

Table 312 - 802.11n / HT40 MCS0 / SISO / Core 1

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	0.90	3.65	4.31
Conducted PSD Core 1 (dBm/500kHz)	1.07	3.18	4.07
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.41	5.39	5.39
15.407 Conducted PSD Limit (dBm/500kHz)	29.59	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.59	30.00	30.00
Conducted PSD Result (dBm/500kHz)	4.00	6.44	7.20

Table 313 - 802.11n / HT40 MCS0 / MIMO CDD / Cores 0+1

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	-0.36	3.52	3.60
Conducted PSD Core 1 (dBm/500kHz)	0.79	3.65	3.74
Duty Cycle Correction (dB)	0.16	0.16	0.17
Antenna Directional Gain (dBi)	3.42	2.38	2.38
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00
Conducted PSD Result (dBm/500kHz)	3.43	6.76	6.85

Table 314 - 802.11n / HT40 MCS8 / MIMO SDM / Cores 0+1

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	0.15	0.55	0.98
Conducted PSD Core 1 (dBm/500kHz)	-0.32	-2.61	-2.24
Duty Cycle Correction (dB)	0.53	0.44	0.39
Antenna Directional Gain (dBi)	6.41	5.39	5.39
15.407 Conducted PSD Limit (dBm/500kHz)	29.59	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.59	30.00	30.00
Conducted PSD Result (dBm/500kHz)	3.46	2.70	3.06

Table 315 - 802.11ac / VHT40 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Raw Conducted PSD (dBm/500kHz)	0.28	2.91	3.62
Duty Cycle Correction (dB)	0.10	0.10	0.10
Antenna Directional Gain (dBi)	2.75	2.50	2.50
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00
Conducted PSD Result (dBm/500kHz)	0.38	3.01	3.72

Table 316 - 802.11ax / HE40 MCS0x1 / SU / SISO / Core 1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Raw Conducted PSD (dBm/500kHz)	6.44	6.55
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	2.50	2.50
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00
Conducted PSD Result (dBm/500kHz)	6.44	6.55

Table 317 - 802.11ax / HE40 MCS0x1 / RU 26-0 / SISO / Core 1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Raw Conducted PSD (dBm/500kHz)	6.51	7.04
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	2.50	2.50
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00
Conducted PSD Result (dBm/500kHz)	6.51	7.04

Table 318 - 802.11ax / HE40 MCS0x1 / RU 26-17 / SISO / Core 1

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	0.22	3.13	3.62
Conducted PSD Core 1 (dBm/500kHz)	0.48	3.36	3.39
Duty Cycle Correction (dB)	0.11	0.10	0.10
Antenna Directional Gain (dBi)	6.41	5.39	5.39
15.407 Conducted PSD Limit (dBm/500kHz)	29.59	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.59	30.00	30.00
Conducted PSD Result (dBm/500kHz)	3.47	6.36	6.62

Table 319 - 802.11ax / HE40 MCS0x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	6.02	6.88
Conducted PSD Core 1 (dBm/500kHz)	6.21	6.95
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	5.39	5.39
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00
Conducted PSD Result (dBm/500kHz)	9.12	9.92

Table 320 - 802.11ax / HE40 MCS0x1 / RU 26-0 / MIMO CDD / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	6.57	6.66
Conducted PSD Core 1 (dBm/500kHz)	6.60	6.52
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	5.39	5.39
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00
Conducted PSD Result (dBm/500kHz)	9.60	9.60

Table 321 - 802.11ax / HE40 MCS0x1 / RU 26-17 / MIMO CDD / Cores 0+1

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	0.28	2.81	4.00
Conducted PSD Core 1 (dBm/500kHz)	0.04	3.02	3.42
Duty Cycle Correction (dB)	0.18	0.19	0.18
Antenna Directional Gain (dBi)	3.42	2.38	2.38
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00	30.00
Conducted PSD Result (dBm/500kHz)	3.35	6.12	6.91

Table 322 - 802.11ax / HE40 MCS0x2 / SU / MIMO SDM / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	6.12	6.46
Conducted PSD Core 1 (dBm/500kHz)	6.08	6.77
Duty Cycle Correction (dB)	0.09	0.09
Antenna Directional Gain (dBi)	2.38	2.38
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00
Conducted PSD Result (dBm/500kHz)	9.20	9.72

Table 323 - 802.11ax / HE40 MCS0x2 / RU 26-0 / MIMO SDM / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	6.31	6.52
Conducted PSD Core 1 (dBm/500kHz)	6.41	6.39
Duty Cycle Correction (dB)	0.09	0.09
Antenna Directional Gain (dBi)	2.38	2.38
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00
Conducted PSD Result (dBm/500kHz)	9.46	9.55

Table 324 - 802.11ax / HE40 MCS0x2 / RU 26-17 / MIMO SDM / Cores 0+1

Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Raw Conducted PSD (dBm/500kHz)	-1.61	0.57
Duty Cycle Correction (dB)	0.18	0.18
Antenna Directional Gain (dBi)	2.75	2.50
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00
Conducted PSD Result (dBm/500kHz)	-1.43	0.75

Table 325 - 802.11ac / VHT80 MCS0x1 / SISO / Core 1

Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Conducted PSD Core 0 (dBm/500kHz)	-1.38	0.42
Conducted PSD Core 1 (dBm/500kHz)	-1.90	-0.22
Duty Cycle Correction (dB)	0.18	0.18
Antenna Directional Gain (dBi)	6.41	5.39
15.407 Conducted PSD Limit (dBm/500kHz)	29.59	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.59	30.00
Conducted PSD Result (dBm/500kHz)	1.56	3.30

Table 326 - 802.11ac / VHT80 MCS0x1 / MIMO CDD / Cores 0+1

Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Conducted PSD Core 0 (dBm/500kHz)	-2.20	0.27
Conducted PSD Core 1 (dBm/500kHz)	-1.09	-0.45
Duty Cycle Correction (dB)	0.32	0.33
Antenna Directional Gain (dBi)	3.42	2.38
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00
Conducted PSD Result (dBm/500kHz)	1.72	3.26

Table 327 - 802.11ac / VHT80 MCS0x2 / MIMO SDM / Cores 0+1

Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Conducted PSD Core 0 (dBm/500kHz)	-3.38	-3.17
Conducted PSD Core 1 (dBm/500kHz)	-4.49	-3.17
Duty Cycle Correction (dB)	1.10	1.19
Antenna Directional Gain (dBi)	6.41	5.39
15.407 Conducted PSD Limit (dBm/500kHz)	29.59	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.59	30.00
Conducted PSD Result (dBm/500kHz)	0.21	1.03

Table 328 - 802.11ac / VHT80 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Raw Conducted PSD (dBm/500kHz)	-1.65	0.06
Duty Cycle Correction (dB)	0.20	0.20
Antenna Directional Gain (dBi)	2.75	2.50
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00
Conducted PSD Result (dBm/500kHz)	-1.45	0.26

Table 329 - 802.11ax / HE80 MCS0x1 / SU / SISO / Core 1

Channel	Middle
Frequency (MHz)	5775
Raw Conducted PSD (dBm/500kHz)	6.22
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	2.50
15.407 Conducted PSD Limit (dBm/500kHz)	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00
Conducted PSD Result (dBm/500kHz)	6.22

Table 330 - 802.11ax / HE80 MCS0x1 / RU 26-0 / SISO / Core 1

Channel	Middle
Frequency (MHz)	5775
Raw Conducted PSD (dBm/500kHz)	6.69
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	2.50
15.407 Conducted PSD Limit (dBm/500kHz)	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00
Conducted PSD Result (dBm/500kHz)	6.69

Table 331 - 802.11ax / HE80 MCS0x1 / RU 26-36 / SISO / Core 1

Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Conducted PSD Core 0 (dBm/500kHz)	-2.37	-0.21
Conducted PSD Core 1 (dBm/500kHz)	-2.01	-0.46
Duty Cycle Correction (dB)	0.20	0.20
Antenna Directional Gain (dBi)	6.41	5.39
15.407 Conducted PSD Limit (dBm/500kHz)	29.59	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.59	30.00
Conducted PSD Result (dBm/500kHz)	1.03	2.88

Table 332 - 802.11ax / HE80 MCS0x1 / SU / MIMO CDD / Cores 0+1

Channel	Middle
Frequency (MHz)	5775
Conducted PSD Core 0 (dBm/500kHz)	6.36
Conducted PSD Core 1 (dBm/500kHz)	6.08
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	5.39
15.407 Conducted PSD Limit (dBm/500kHz)	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00
Conducted PSD Result (dBm/500kHz)	9.23

Table 333 - 802.11ax / HE80 MCS0x1 / RU 26-0 / MIMO CDD / Cores 0+1

Channel	Middle
Frequency (MHz)	5775
Conducted PSD Core 0 (dBm/500kHz)	6.67
Conducted PSD Core 1 (dBm/500kHz)	6.67
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	5.39
15.407 Conducted PSD Limit (dBm/500kHz)	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00
Conducted PSD Result (dBm/500kHz)	9.68

Table 334 - 802.11ax / HE80 MCS0x1 / RU 26-36 / MIMO CDD / Cores 0+1

Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Conducted PSD Core 0 (dBm/500kHz)	-1.48	-0.42
Conducted PSD Core 1 (dBm/500kHz)	-1.75	-1.05
Duty Cycle Correction (dB)	0.34	0.34
Antenna Directional Gain (dBi)	3.42	2.38
15.407 Conducted PSD Limit (dBm/500kHz)	30.00	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00	30.00
Conducted PSD Result (dBm/500kHz)	1.73	2.62

Table 335 - 802.11ax / HE80 MCS0x2 / SU / MIMO SDM / Cores 0+1

Channel	Middle
Frequency (MHz)	5775
Conducted PSD Core 0 (dBm/500kHz)	5.67
Conducted PSD Core 1 (dBm/500kHz)	6.09
Duty Cycle Correction (dB)	0.09
Antenna Directional Gain (dBi)	2.38
15.407 Conducted PSD Limit (dBm/500kHz)	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00
Conducted PSD Result (dBm/500kHz)	8.98

Table 336 - 802.11ax / HE80 MCS0x2 / RU 26-0 / MIMO SDM / Cores 0+1

Channel	Middle
Frequency (MHz)	5775
Conducted PSD Core 0 (dBm/500kHz)	6.65
Conducted PSD Core 1 (dBm/500kHz)	6.70
Duty Cycle Correction (dB)	0.09
Antenna Directional Gain (dBi)	2.38
15.407 Conducted PSD Limit (dBm/500kHz)	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00
Conducted PSD Result (dBm/500kHz)	9.78

Table 337 - 802.11ax / HE80 MCS0x2 / RU 26-36 / MIMO SDM / Cores 0+1

2.2.7 Test Location and Test Equipment Used

This test was carried out in RF Laboratory 1.

Instrument	Manufacturer	Type No	TE No	Calibration Period (months)	Calibration Due
Rubidium Standard	Rohde & Schwarz	XSRM	1316	6	05-May-2020
Multimeter	Iso-tech	IDM101	2424	12	12-Dec-2020
Hygrometer	Rotronic	I-1000	3220	12	25-Sep-2020
1800-6000 MHz Power Splitter	Mini-Circuits	ZN2PD-63-S+	4055	-	O/P Mon
Frequency Standard	Spectracom	SecureSync 1200-0408-0601	4393	6	05-May-2020
PXA Signal Analyser	Keysight Technologies	N9030A	4654	12	21-Oct-2020
Power splitter - 2 port	Mini-Circuits	ZN2PD-63-S+	4743	12	23-Sep-2020
Power splitter - 4 port	Mini-Circuits	ZN4PD1-63-S+	4744	12	23-Sep-2020
Cable (18 GHz)	Rosenberger	LU7-071-1000	5099	12	06-Oct-2020
USB Power Sensor	Boonton	RTP5006	5186	12	28-Nov-2020
3.5 mm 1m Cable	Junkosha	MWX221-01000DMS	5418	6	12-Jun-2020
3.5 mm 1m Cable	Junkosha	MWX221-01000DMS	5419	6	12-Jun-2020
3.5 mm 2m Cable	Junkosha	MWX221-02000DMS	5429	6	13-Jun-2020

Table 338

O/P Mon – Output Monitored using calibrated equipment

2.3 Authorised Band Edges

2.3.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (b)
ISEDC RSS-247, Clause 6.2

2.3.2 Equipment Under Test and Modification State

A2330, S/N: C07CG081PW8X - Modification State 0
A2330, S/N: C07CG05KPW8V - Modification State 0

2.3.3 Date of Test

21-March-2020 to 26-April-2020

2.3.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 6.6.

For U-NII-2C channels, the limit line on the following plots equates to -27 dBm/MHz. EIRP was converted to field strength at 3 m using the following formula:

Field Strength (dBµV/m at 3 m) = EIRP (dBm) + 95.2 dB

Authorised band edge measurements were performed, with the device operating in SISO and MIMO configurations, across the various modes supported by the device.

Further measurements are held on file by TÜV SÜD and are available if required. TxBF modes are not reported here since they consistently gave lower band edge results than the other modes presented.

2.3.5 Environmental Conditions

Ambient Temperature	18.2 - 23.6 °C
Relative Humidity	37.6 - 49.9 %

2.3.6 Test Results

20 MHz Channel Bandwidth

Mode	Data Rate /MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuV/m
802.11a, Core 0	6 Mbps	-	-	5500	5470	57.54
802.11n, HT20 Core 0	MCS0	-	-	5500	5470	56.73
802.11ax HE20, Core 0	MCS0	SU	-	5500	5470	56.73
802.11a, Core 0	6 Mbps	-	-	5700	5725	58.77
802.11n, HT20 Core 0	MCS0	-	-	5700	5725	58.82
802.11ax HE20, Core 0	MCS0	SU	-	5700	5725	58.80
802.11a, Core 1	6 Mbps	-	-	5745	5725	60.60
802.11n HT20, Core 1	MCS0	-	-	5745	5725	61.17
802.11ax HE20, Core 1	MCS0	SU	-	5745	5725	58.92
802.11ax HE20, Core 1	MCS0	26	0	5745	5725	58.63
802.11a, Core 1	6 Mbps	-	-	5825	5850	60.09
802.11n HT20, Core 1	MCS0	-	-	5825	5850	58.30
802.11ax HE20, Core 1	MCS0	SU	-	5825	5850	58.68
802.11ax HE20, Core 1	MCS0	26	8	5825	5850	59.13

Table 339 - SISO Authorised Band Edge results

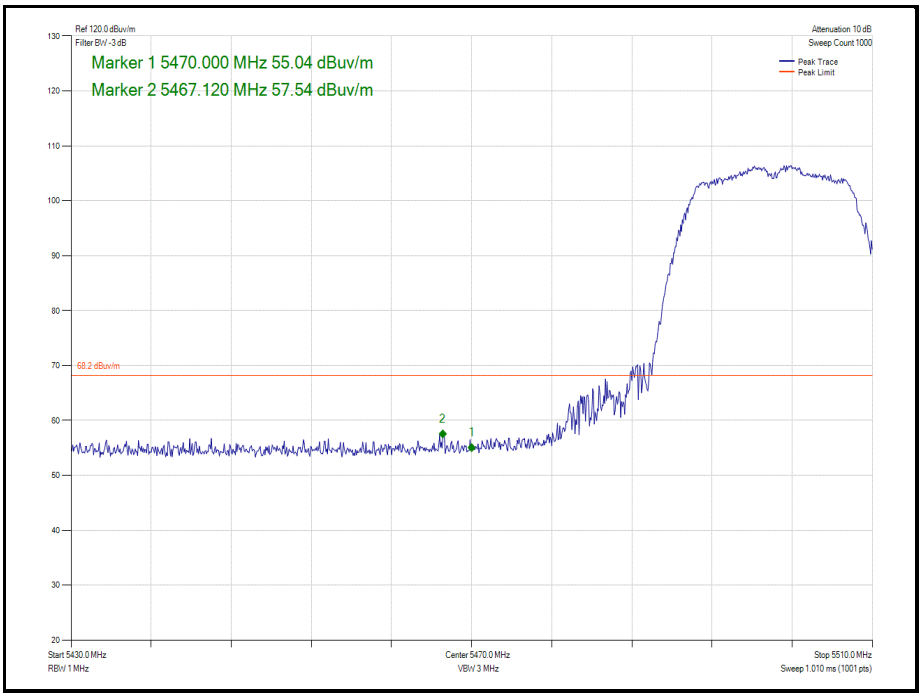

Figure 1 - 802.11a, Core 0 - 5500 MHz Band Edge Frequency 5470 MHz

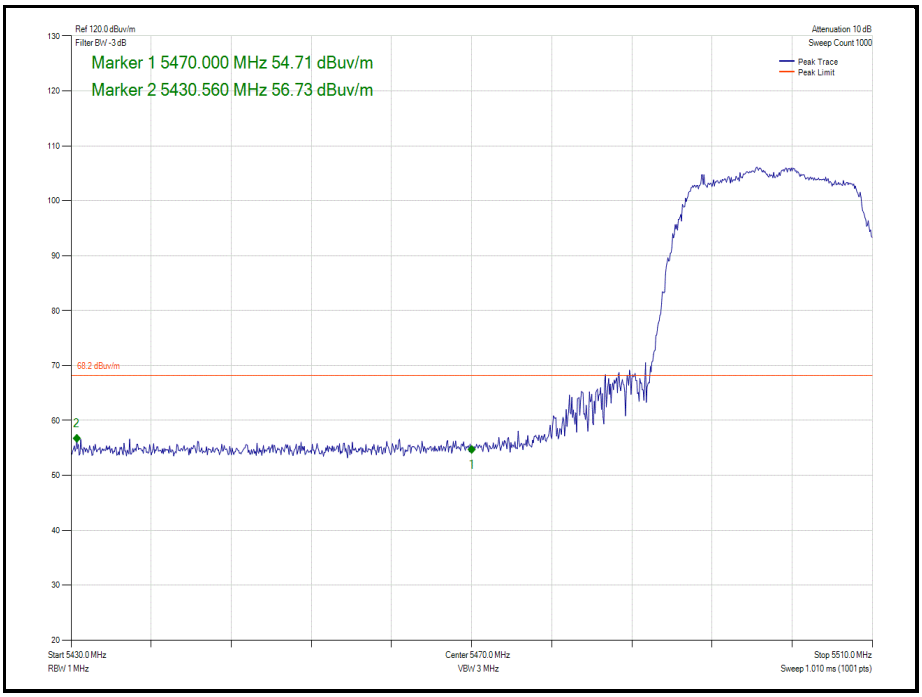

Figure 2 - 802.11n HT20, Core 0 - 5500 MHz
Band Edge Frequency 5470 MHz

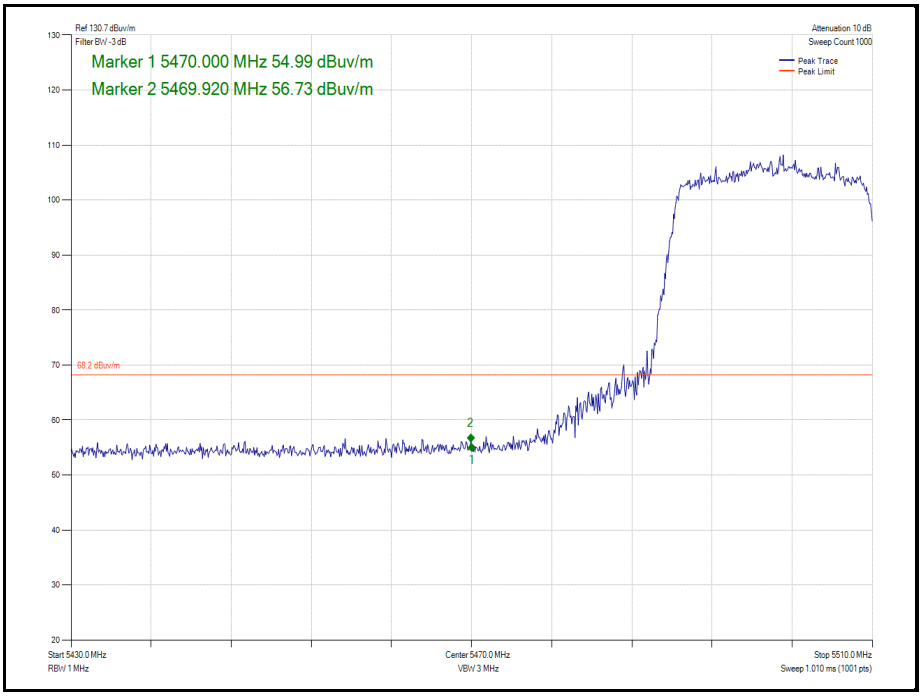

Figure 3- 802.11ax HE20, Core 0, SU - 5500 MHz
Band Edge Frequency 5470 MHz

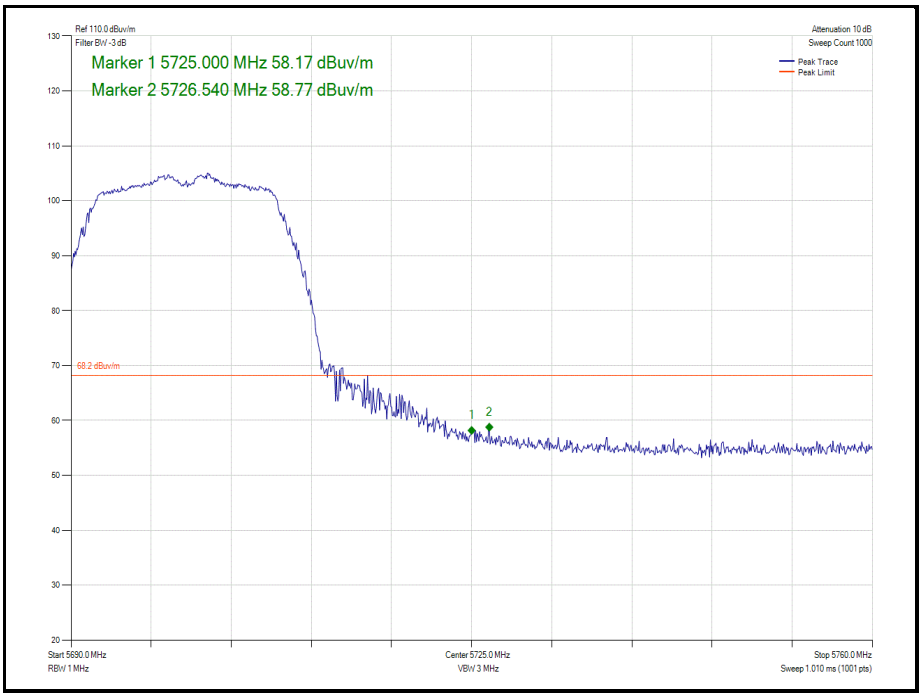

Figure 4 - 802.11a, Core 0 - 5700 MHz
Band Edge Frequency 5725 MHz

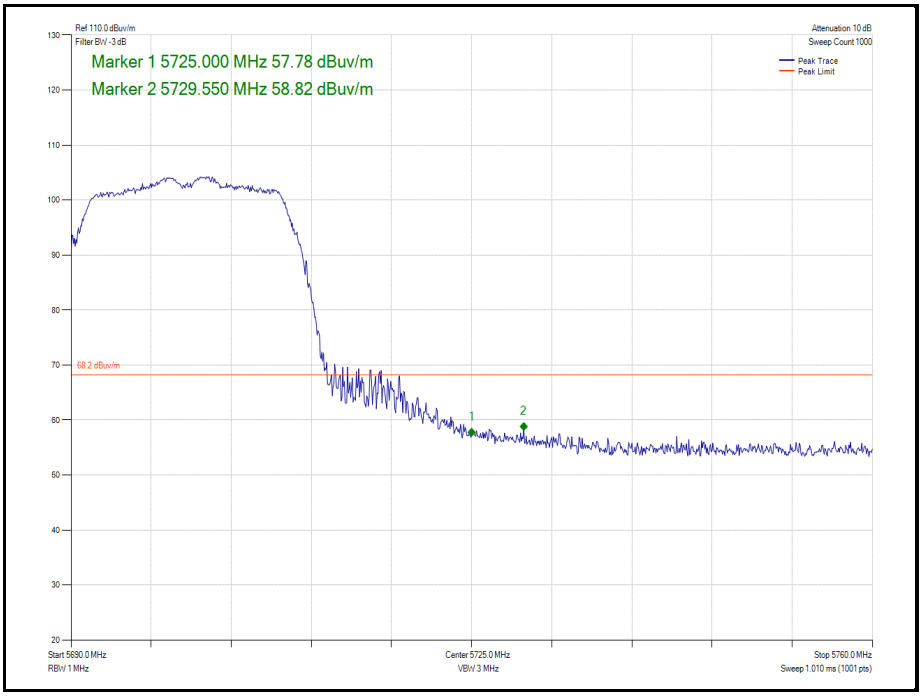

Figure 5 - 802.11n HT20, Core 0 - 5700 MHz
Band Edge Frequency 5725 MHz

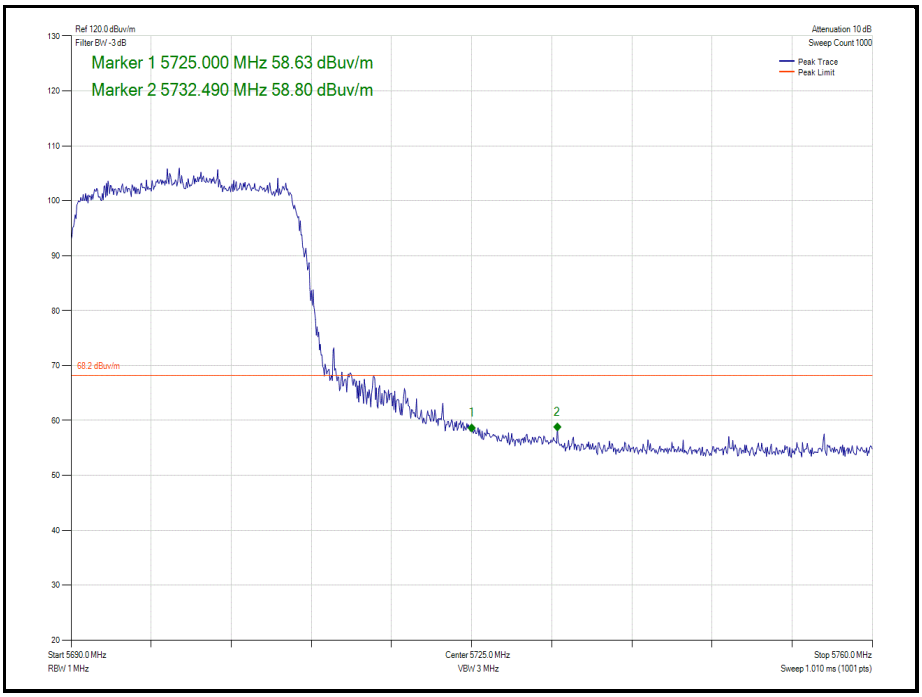

Figure 6- 802.11ax HE20, Core 0, SU - 5700 MHz
Band Edge Frequency 5725 MHz

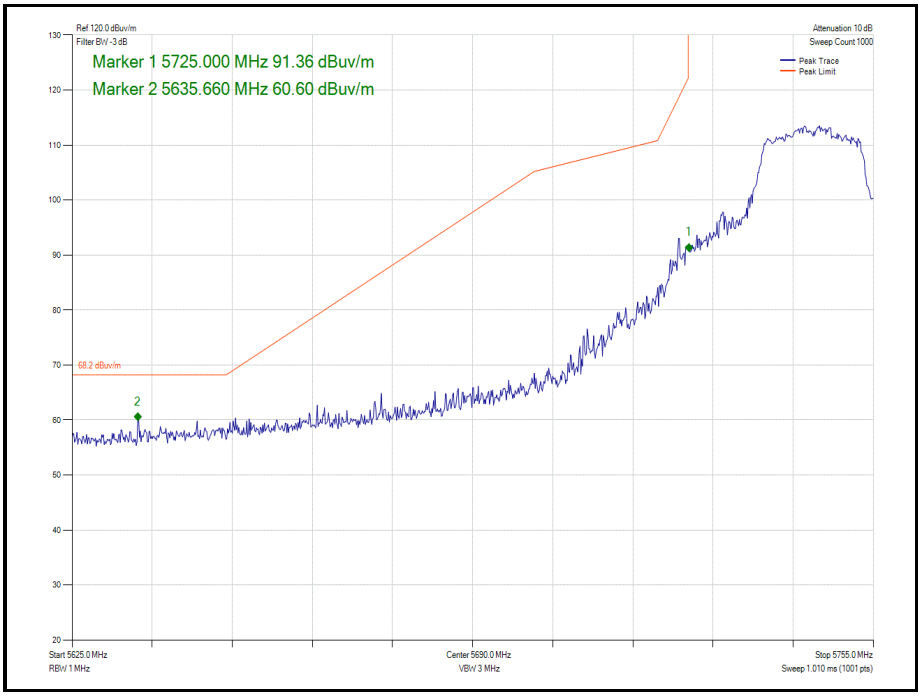

Figure 7 - 802.11a, Core 1 - 5745 MHz
Band Edge Frequency 5725 MHz

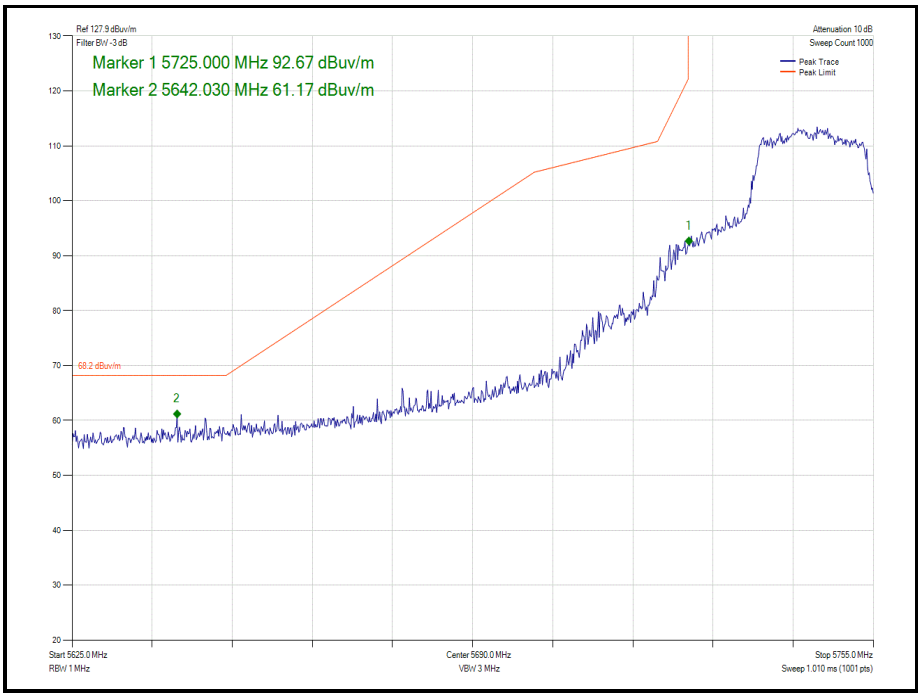

Figure 8 - 802.11n HT20, Core 1 - 5745 MHz
Band Edge Frequency 5725 MHz

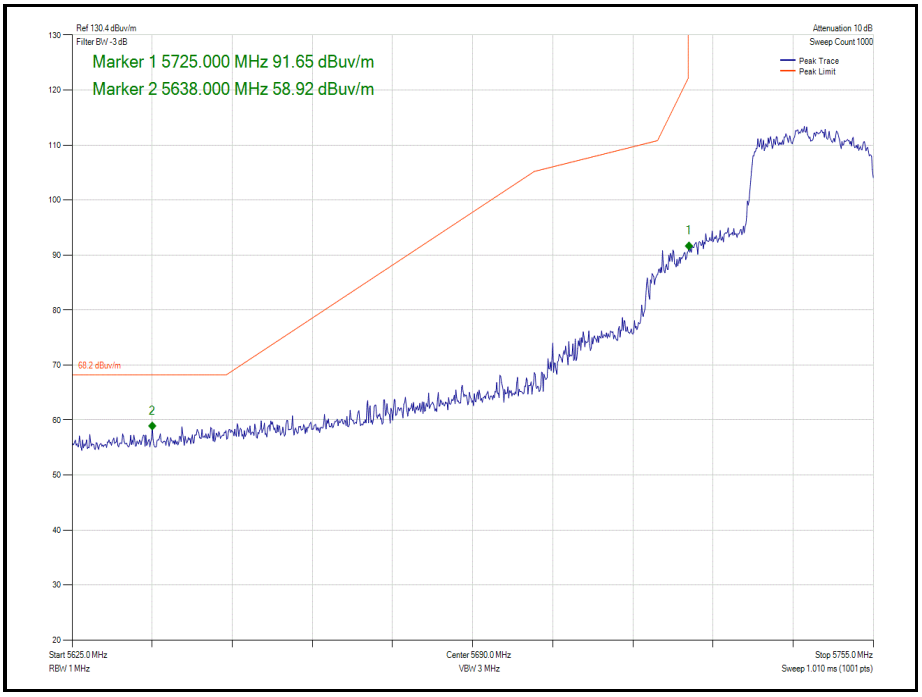

Figure 9- 802.11ax HE20, Core 1, SU - 5745 MHz
Band Edge Frequency 5725 MHz

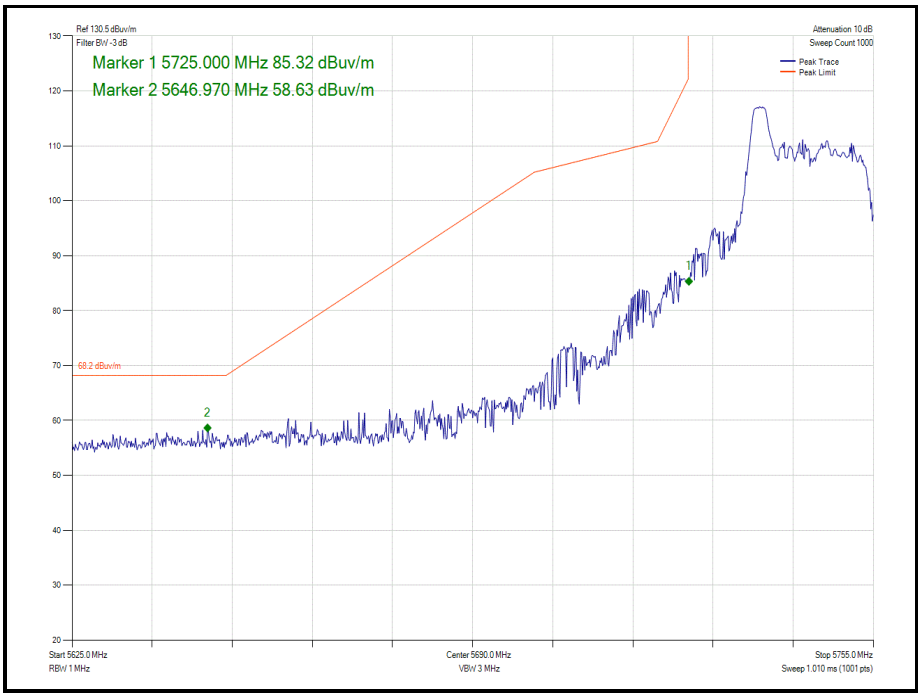

Figure 10- 802.11ax HE20, Core 1, 26-0 - 5745 MHz
Band Edge Frequency 5725 MHz

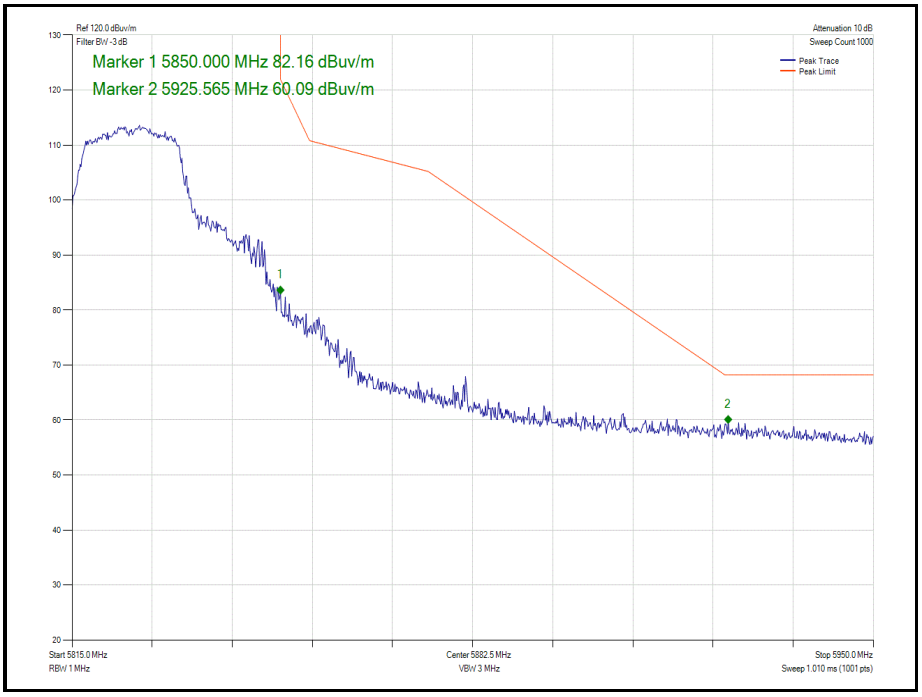

Figure 11 - 802.11a, Core 1, - 5825 MHz
Band Edge Frequency 5850 MHz

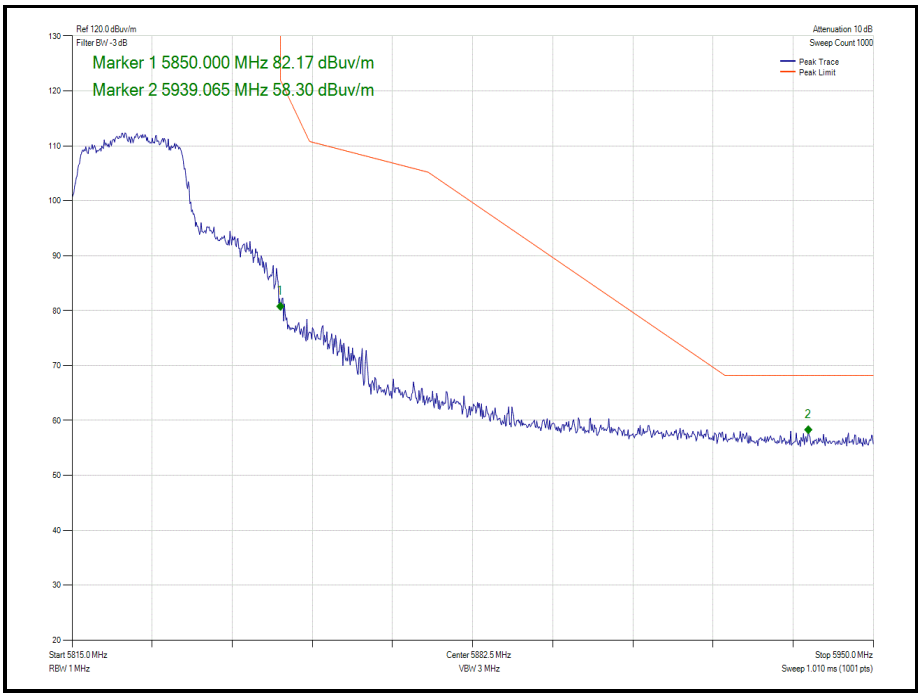

Figure 12 - 802.11n HT20, Core 1 - 5825 MHz
Band Edge Frequency 5850 MHz

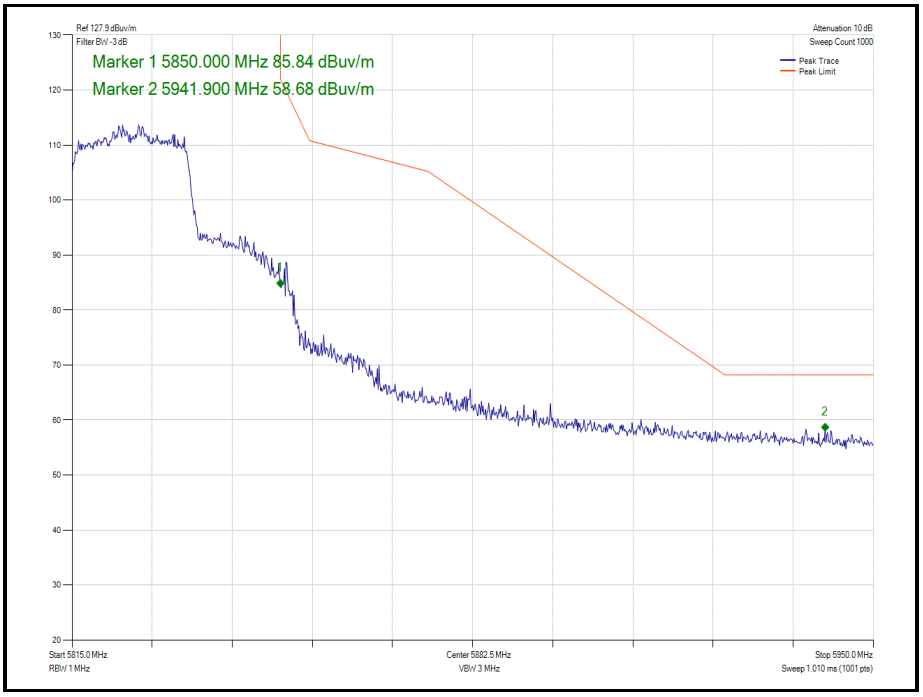

Figure 13- 802.11ax HE20, Core 1, SU - 5825 MHz
Band Edge Frequency 5850 MHz

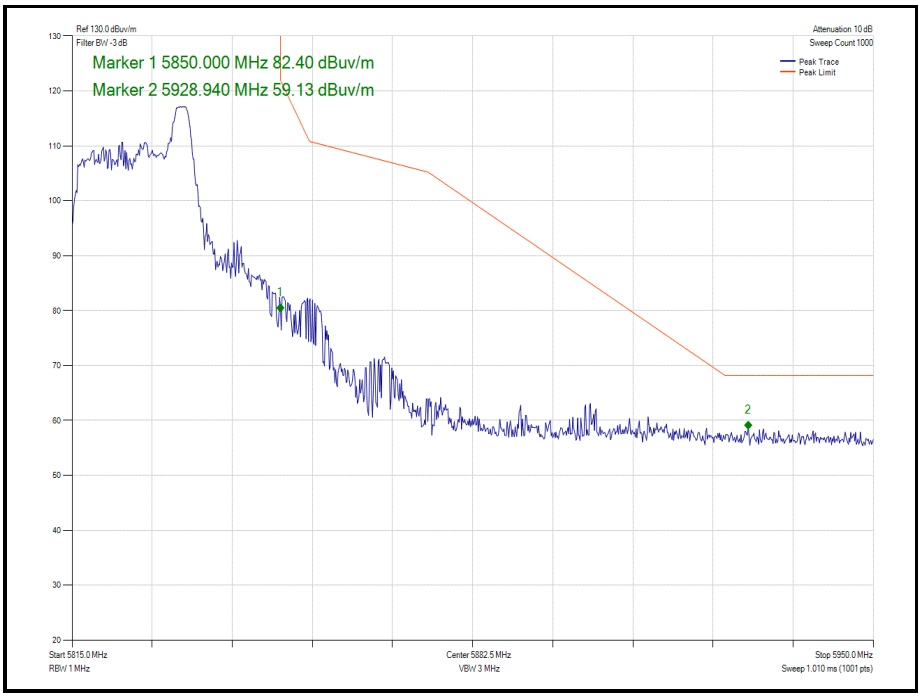

Figure 14- 802.11ax HE20, Core 1, 26-8 - 5825 MHz Band Edge Frequency 5850 MHz

Mode	Data Rate/ MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuV/m
802.11n HT20 CDD, Cores 0-1	MCS0	-	-	5500	5470	57.65
802.11n HT20 SDM, Cores 0-1	MCS0	-	-	5500	5470	57.66
802.11ax HE20 CDD, Cores 0-1	MCS0	SU	-	5500	5470	57.69
802.11ax HE20 SDM, Cores 0-1	MCS0	SU	-	5500	5470	58.69
802.11n HT20 CDD, Cores 0-1	MCS0	-	-	5700	5725	60.09
802.11n HT20 SDM, Cores 0-1	MCS0	-	-	5700	5725	59.24
802.11ax HE20 CDD, Cores 0-1	MCS0	SU	-	5700	5725	61.02
802.11ax HE20 SDM, Cores 0-1	MCS0	SU	-	5700	5725	61.72
802.11n HT20 CDD, Cores 0-1	MCS0	-	-	5745	5725	60.49
802.11n HT20 SDM, Cores 0-1	MCS0	-	-	5745	5725	60.07
802.11ax HE20 CDD, Cores 0-1	MCS0	SU	-	5745	5725	60.15
802.11ax HE20 CDD, Cores 0-1	MCS0	26	0	5745	5725	60.37
802.11ax HE20 SDM, Cores 0-1	MCS0	SU	-	5745	5725	59.62
802.11ax HE20 SDM, Cores 0-1	MCS0	26	0	5745	5725	62.29
802.11n HT20 CDD, Cores 0-1	MCS0	-	-	5825	5850	59.55
802.11n HT20 SDM, Cores 0-1	MCS0	-	-	5825	5850	60.62
802.11ax HE20 CDD, Cores 0-1	MCS0	SU	-	5825	5850	60.30
802.11ax HE20 CDD, Cores 0-1	MCS0	26	8	5825	5850	61.02
802.11ax HE20 SDM, Cores 0-1	MCS0	SU	-	5825	5850	59.72
802.11ax HE20 SDM, Cores 0-1	MCS0	26	8	5825	5850	60.15

Table 340 - MIMO 2TX Authorised Band Edge Results

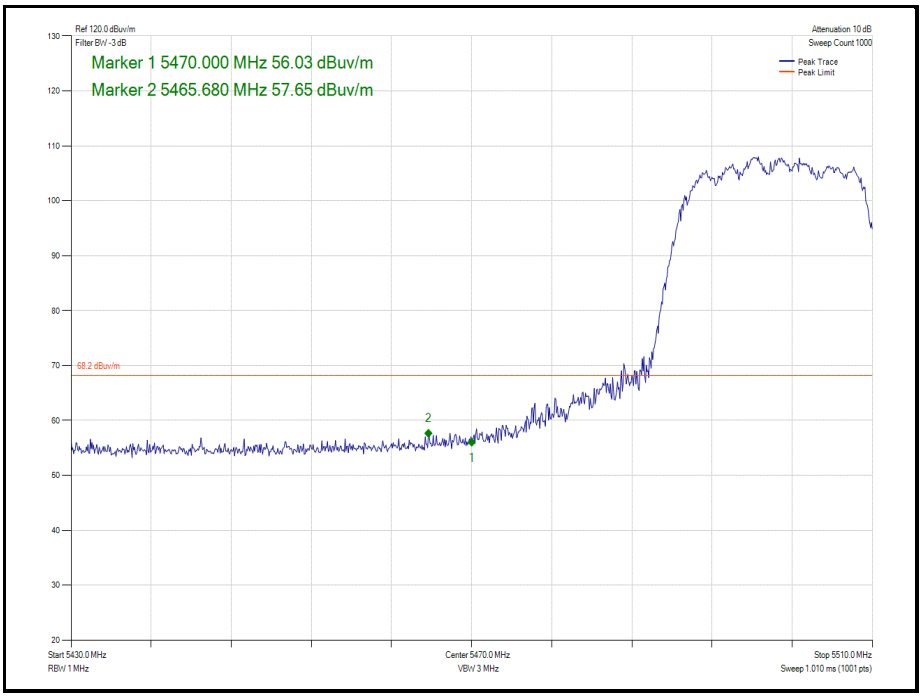

Figure 15 - 802.11n HT20 CDD, Cores 0-1 - 5500 MHz Band Edge Frequency 5470 MHz

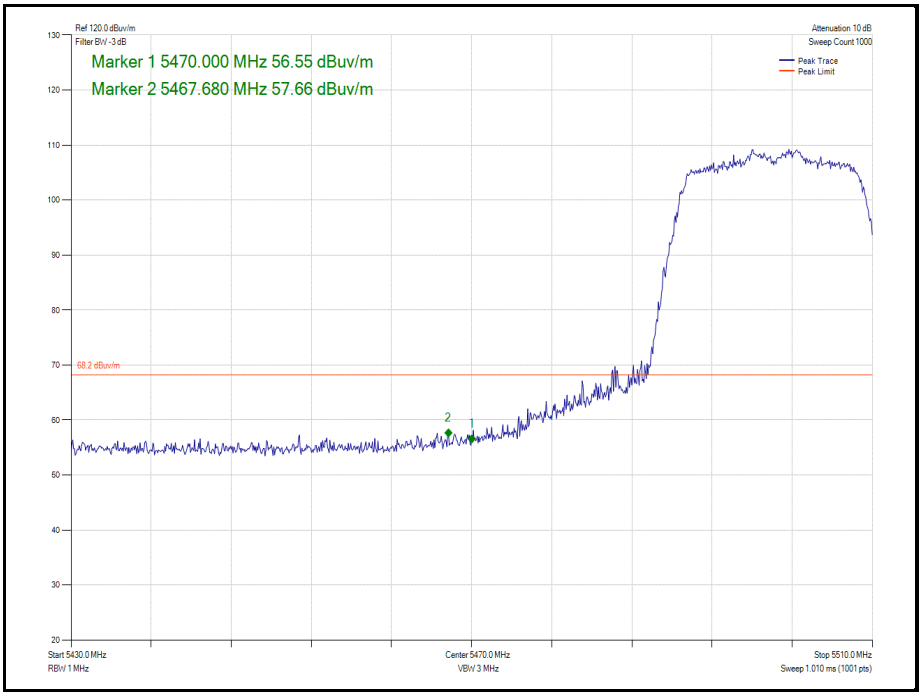

Figure 16 - 802.11n HT20 SDM, Cores 0-1 - 5500 MHz Band Edge Frequency 5470 MHz

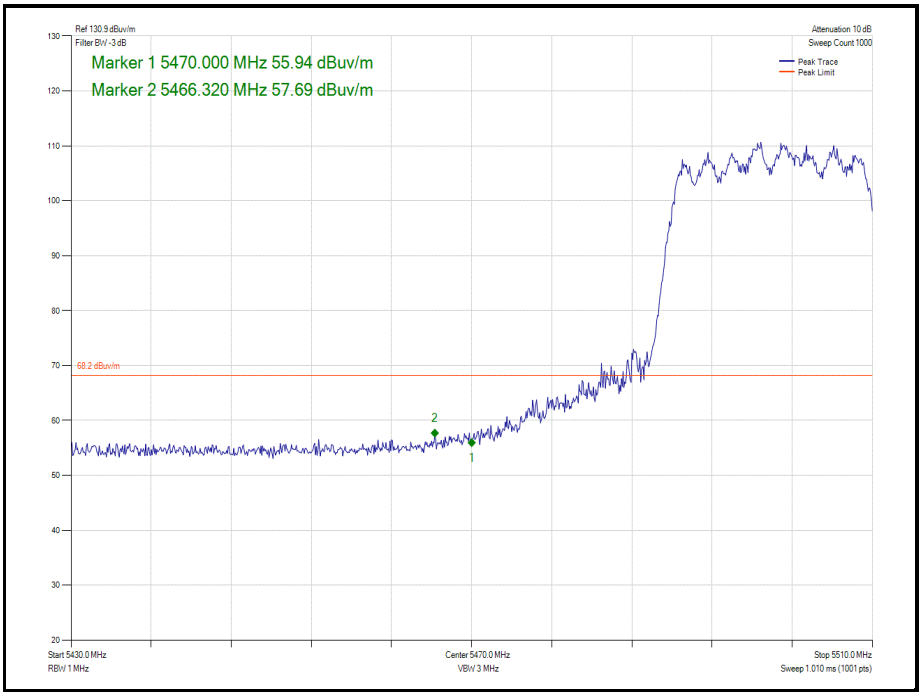

Figure 17 - - 802.11ax HE20 CDD, Cores 0-1, SU - 5500 MHz Band Edge Frequency 5470 MHz

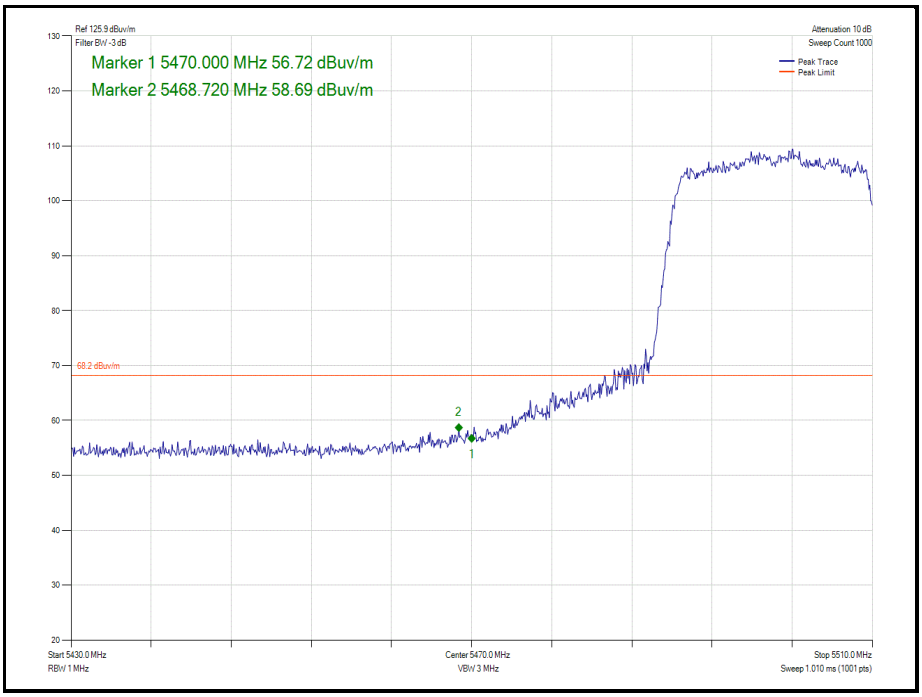

Figure 18 - - 802.11ax HE20 SDM, Cores 0-1 SU - 5500 MHz Band Edge Frequency 5470 MHz

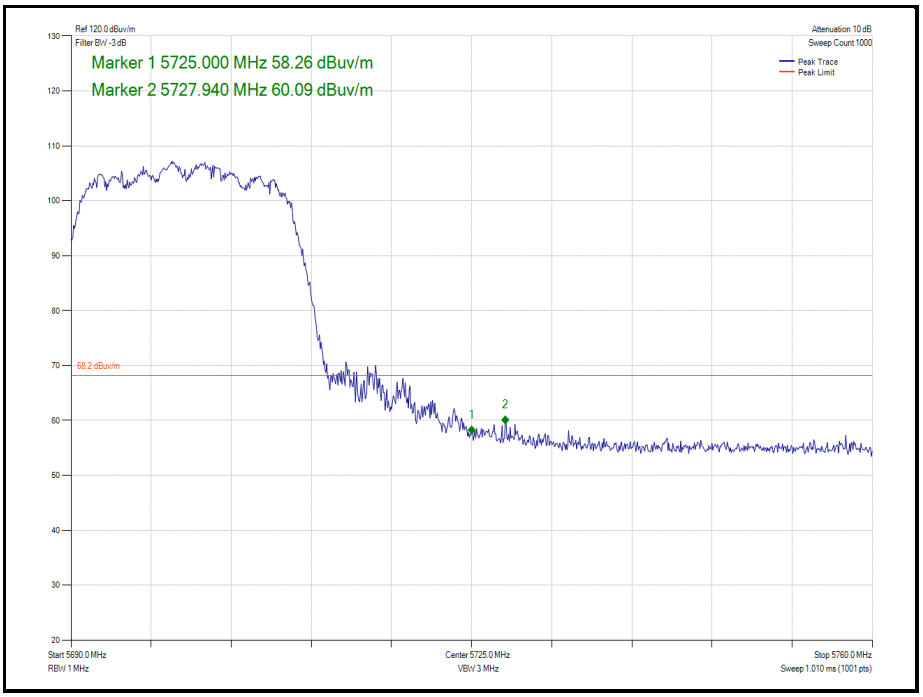

Figure 19 - 802.11n HT20 CDD, Cores 0-1 - 5700 MHz Band Edge Frequency 5725 MHz

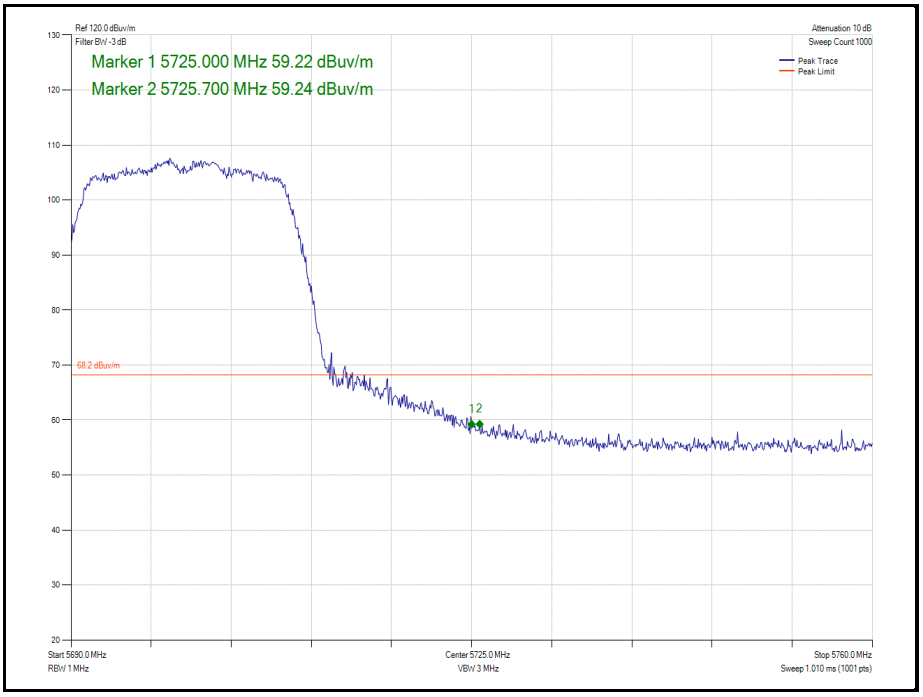

Figure 20 - 802.11n HT20 SDM, Cores 0-1 - 5700 MHz Band Edge Frequency 5725 MHz

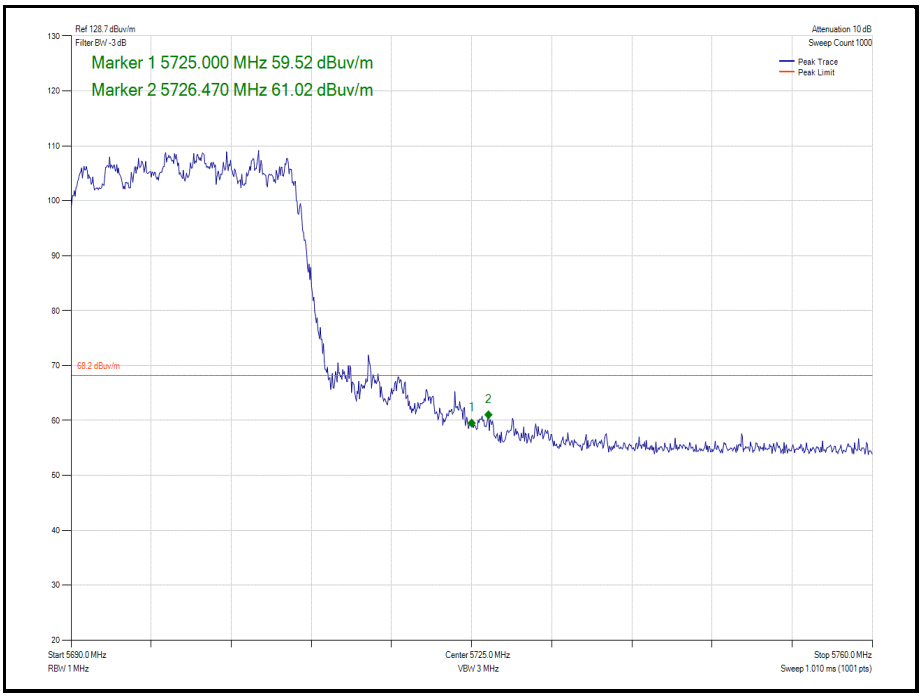

Figure 21 - - 802.11ax HE20 CDD, Cores 0-1, SU - 5700 MHz Band Edge Frequency 5725 MHz

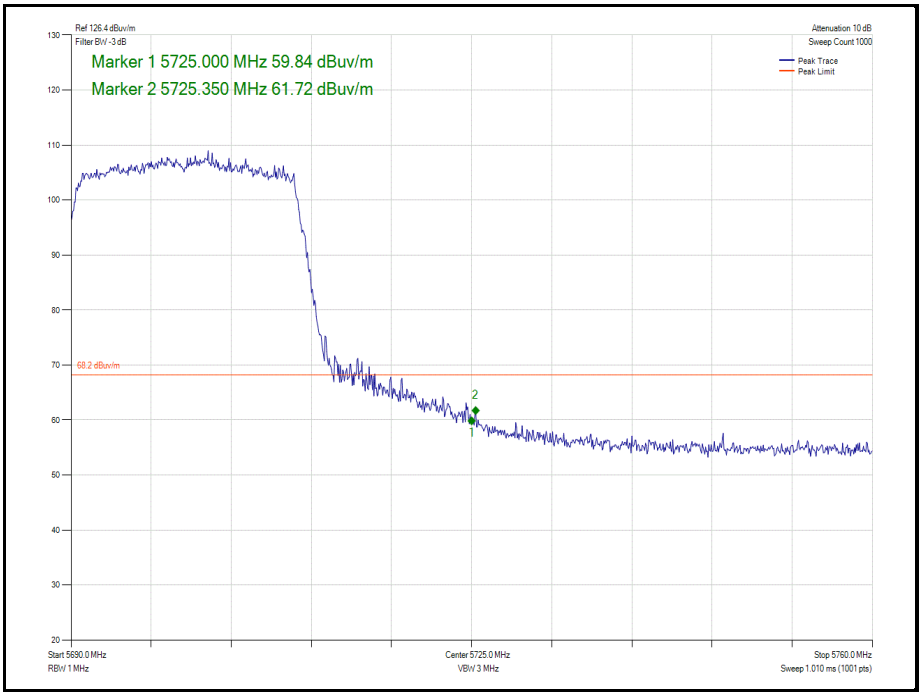

Figure 22 - - 802.11ax HE20 SDM, Cores 0-1, SU - 5700 MHz Band Edge Frequency 5725 MHz

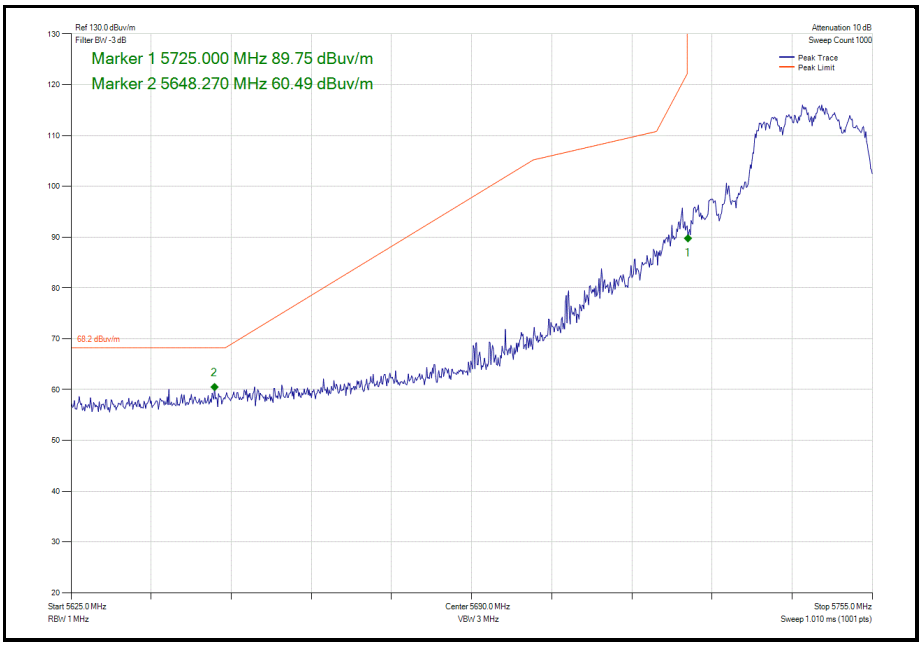

Figure 23 - 802.11n HT20 CDD, Cores 0-1 - 5745 MHz Band Edge Frequency 5725 MHz

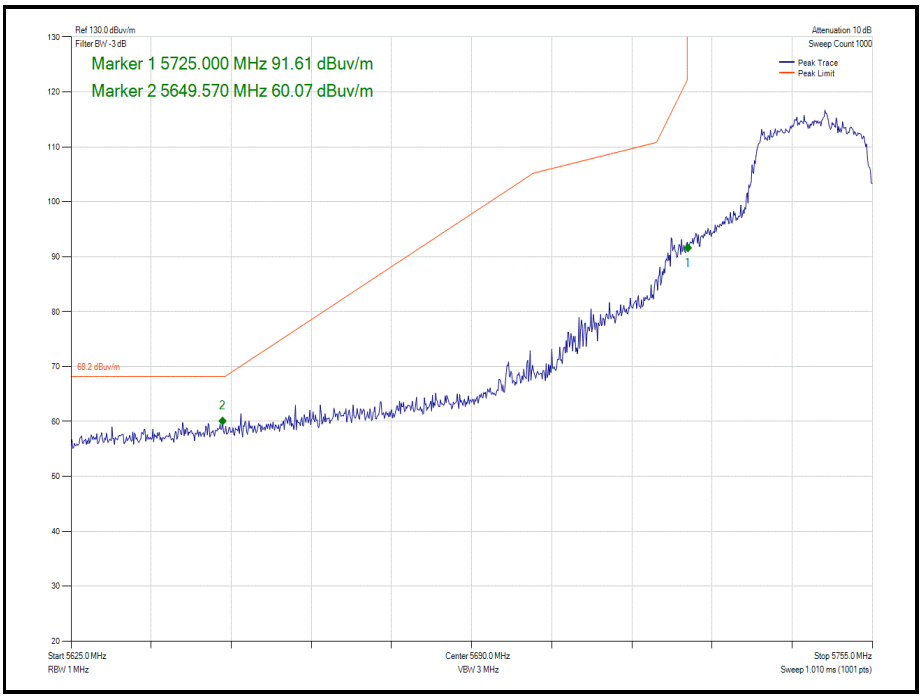

Figure 24 - 802.11n HT20 SDM, Cores 0-1 - 5745 MHz Band Edge Frequency 5725 MHz

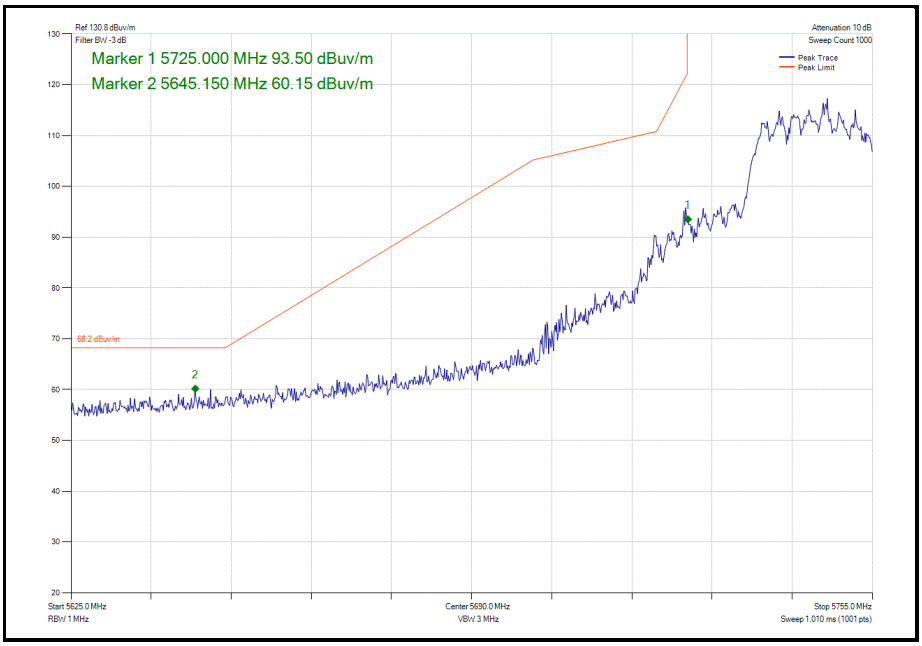

Figure 25 - - 802.11ax HE20 CDD, Cores 0-1, SU - 5745 MHz Band Edge Frequency 5725 MHz

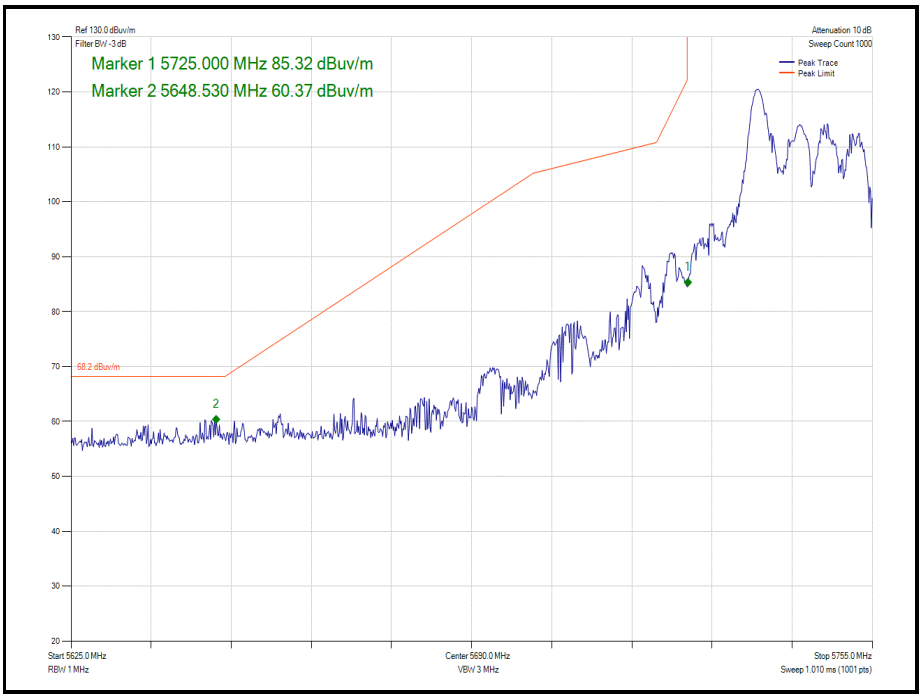

Figure 26 - 802.11ax HE20 CDD, Cores 0-1, 26-0 - 5745 MHz Band Edge Frequency 5725 MHz

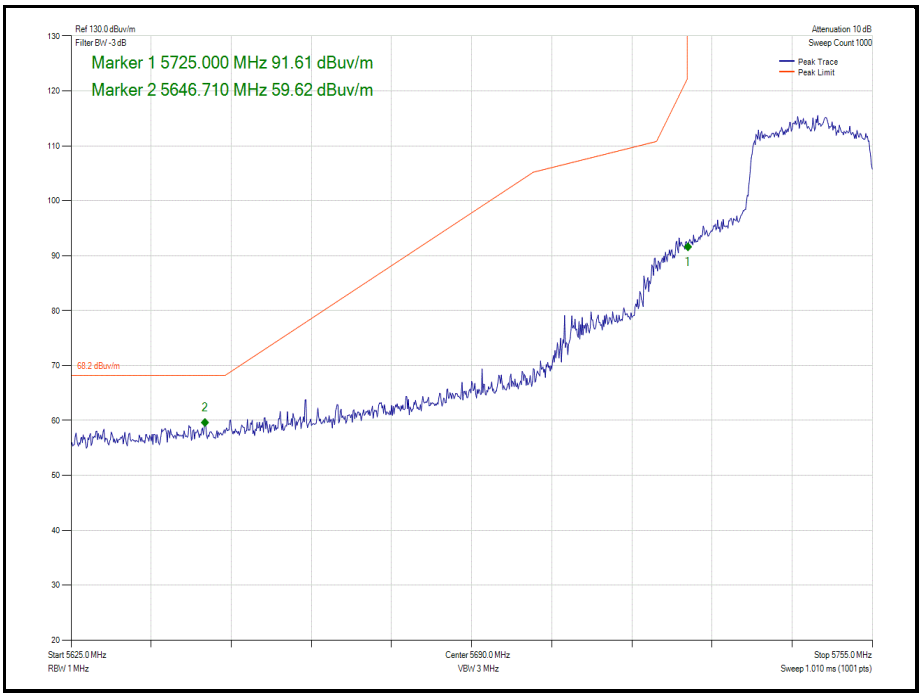

Figure 27 - - 802.11ax HE20 SDM, Cores 0-1, SU - 5745 MHz Band Edge Frequency 5725 MHz

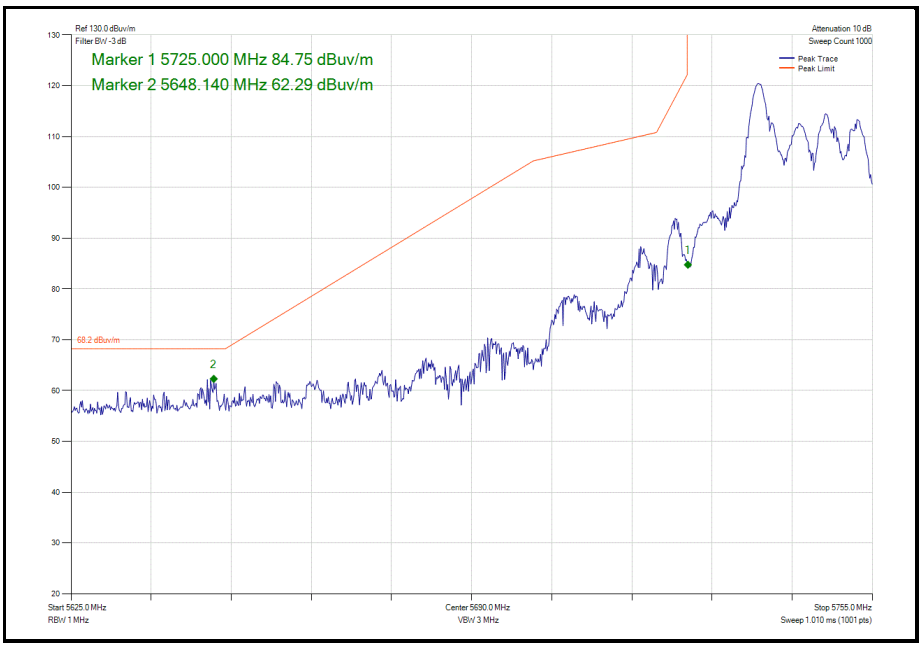

Figure 28 - 802.11ax HE20 SDM, Cores 0-1, 26-0 - 5745 MHz Band Edge Frequency 5725 MHz

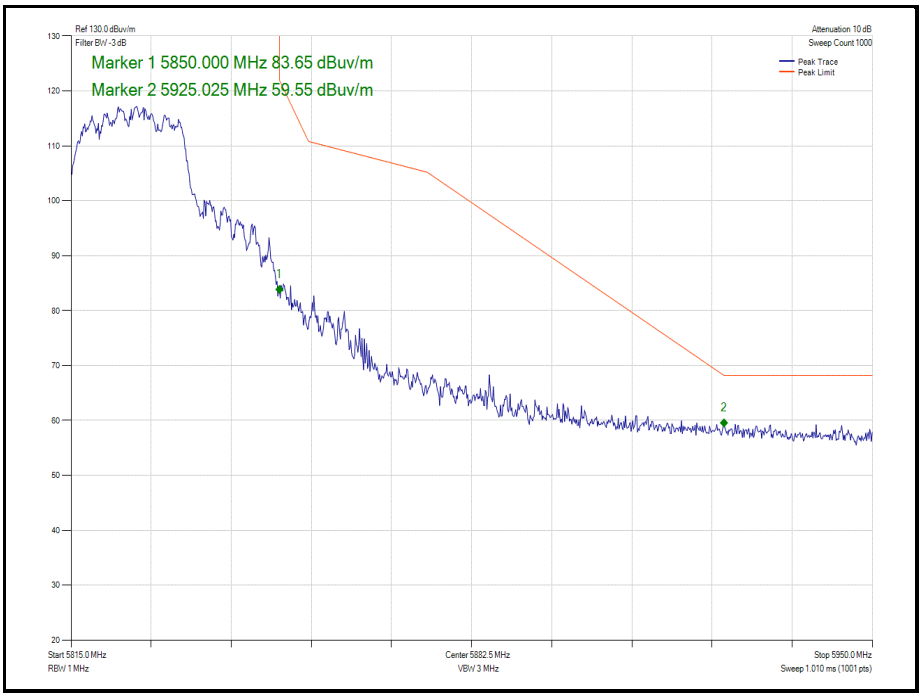

Figure 29 - 802.11n HT20 CDD, Cores 0-1 - 5825 MHz Band Edge Frequency 5850 MHz

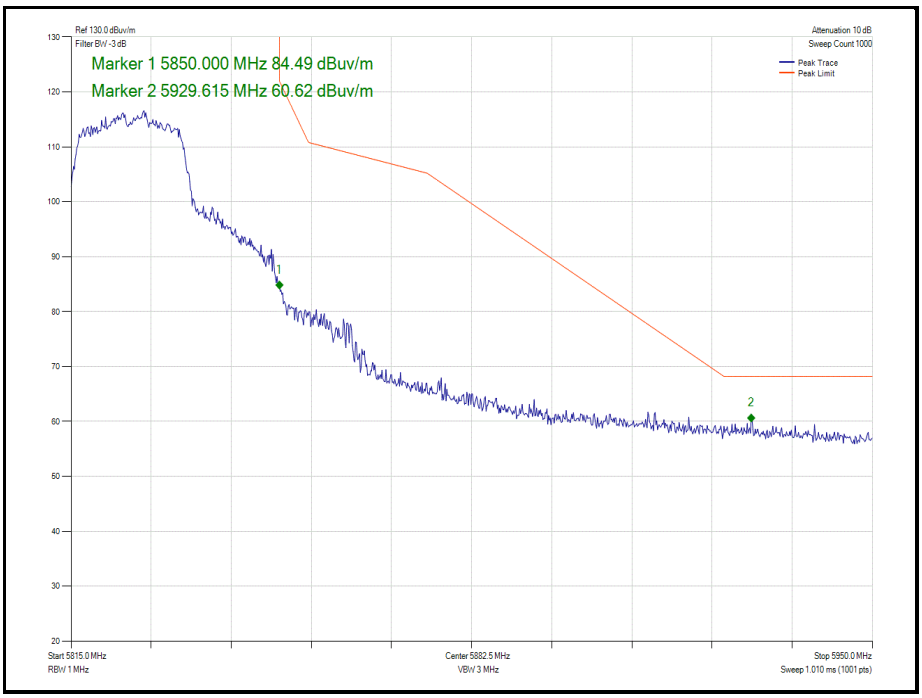

Figure 30 - 802.11n HT20 SDM, Cores 0-1 - 5825 MHz Band Edge Frequency 5850 MHz

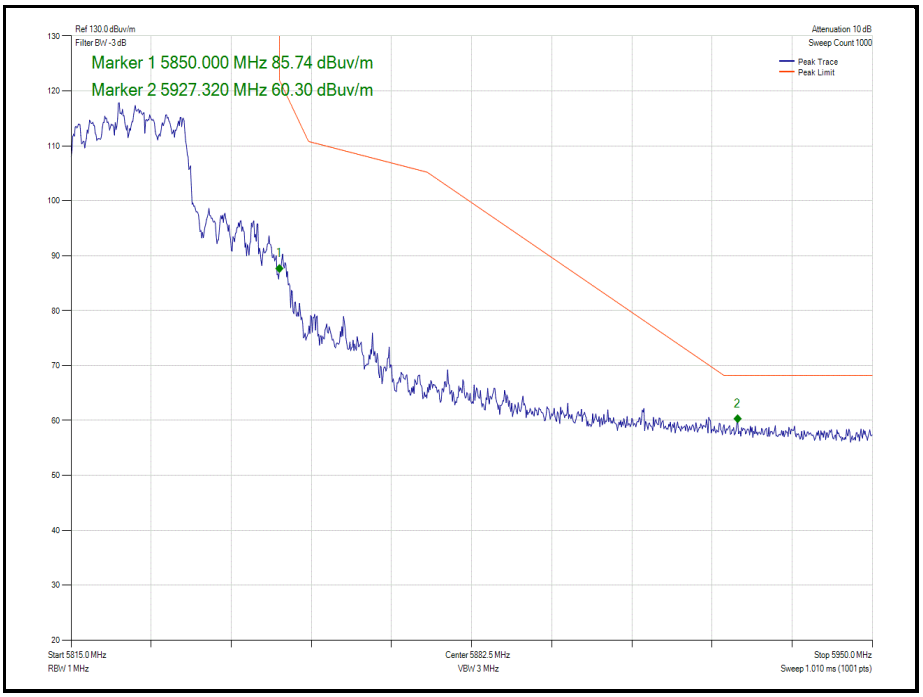

Figure 31 - - 802.11ax HE20 CDD, Cores 0-1, SU - 5825 MHz Band Edge Frequency 5850 MHz

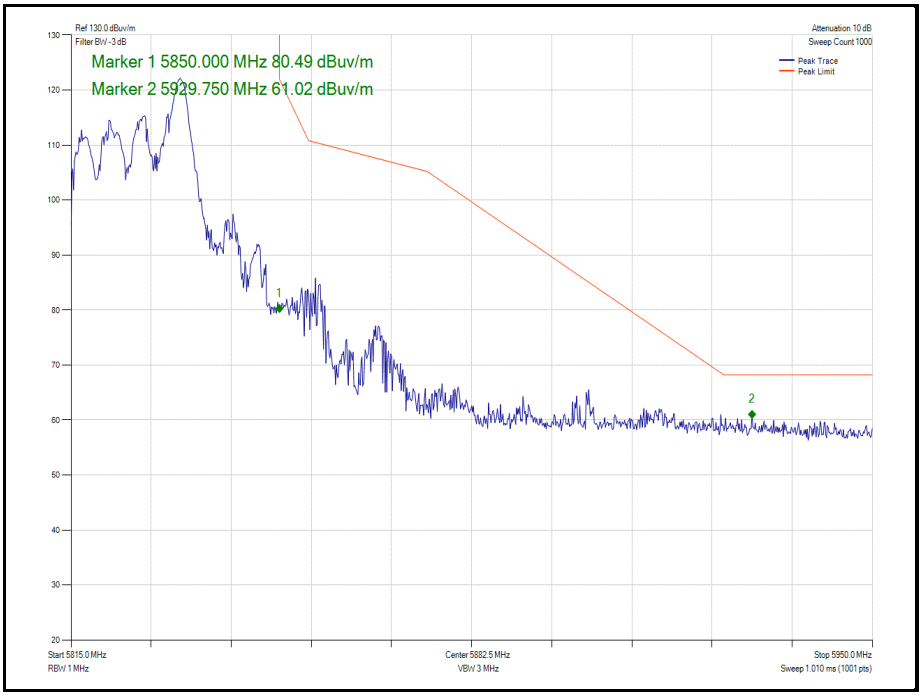

Figure 32 - 802.11ax HE20 CDD, Cores 0-1, 26-8 - 5825 MHz Band Edge Frequency 5850 MHz

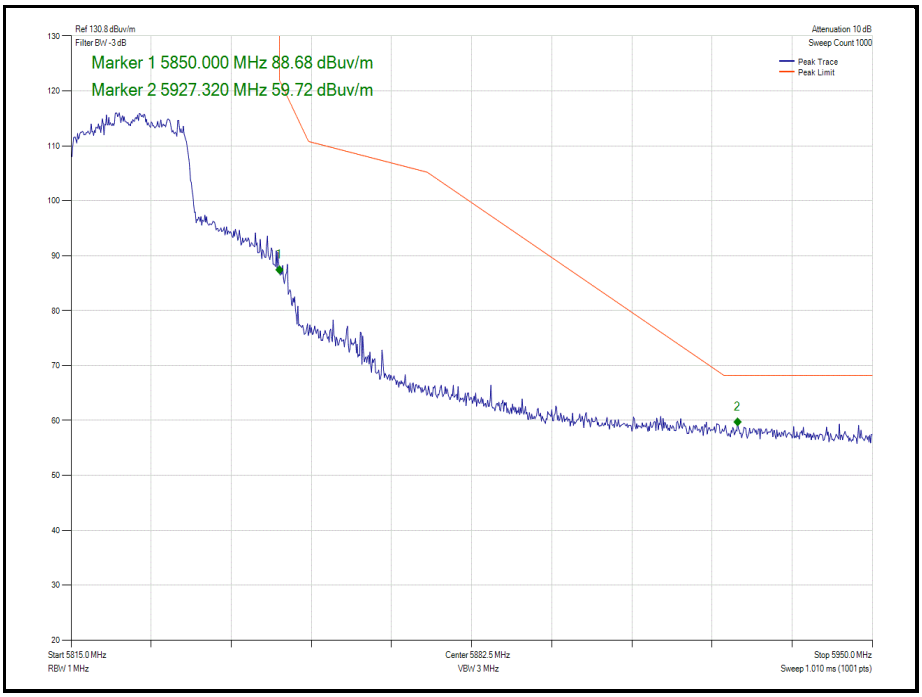

Figure 33 - - 802.11ax HE20 SDM, Cores 0-1, SU - 5825 MHz Band Edge Frequency 5850 MHz

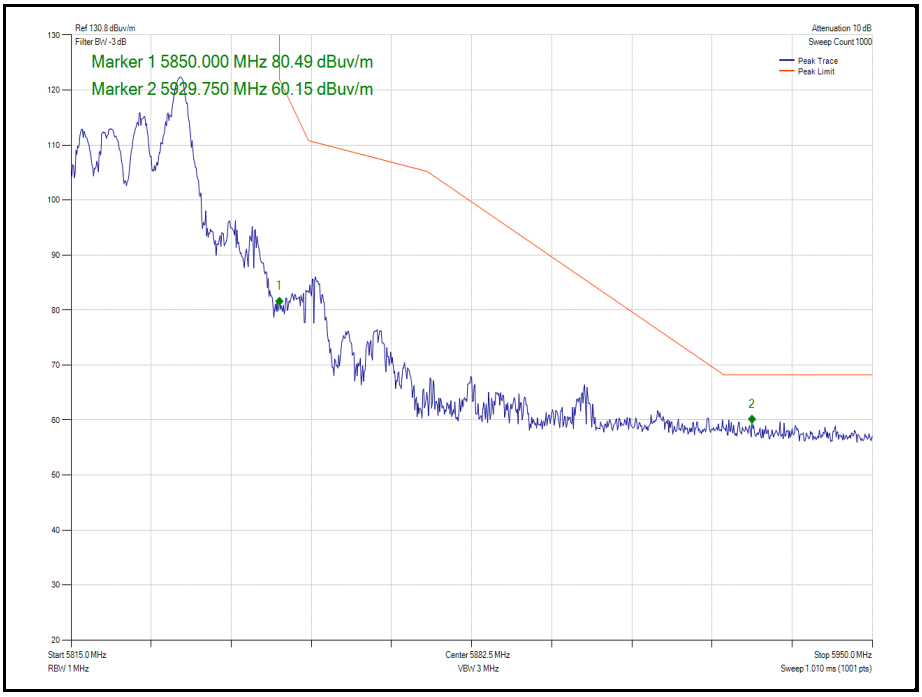

Figure 34 - 802.11ax HE20 SDM, Cores 0-1, 26-8 - 5825 MHz Band Edge Frequency 5850 MHz

40 MHz Channel Bandwidth

Mode	Data Rate /MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuV/m)
802.11n HT40, Core 0	MCS0	-	-	5510	5470	62.07
802.11n HT40, Core 0	MCS0	-	-	5670	5725	58.44
802.11n HT40, Core 0	MCS0	-	-	5755	5725	60.07
802.11n HT40, Core 0	MCS0	-	-	5795	5850	63.22
802.11ax HE40, Core 0	MCS0	SU	-	5510	5470	58.53
802.11ax HE40, Core 0	MCS0	SU	-	5670	5725	59.09
802.11ax HE40, Core 1	MCS0	SU	-	5755	5725	59.12
802.11ax HE40, Core 1	MCS0	26	0	5755	5725	60.19
802.11ax HE40, Core 1	MCS0	SU	-	5795	5850	62.65
802.11ax HE40, Core 1	MCS0	26	17	5795	5850	57.08

Table 341 - SISO Authorised Band Edge Results

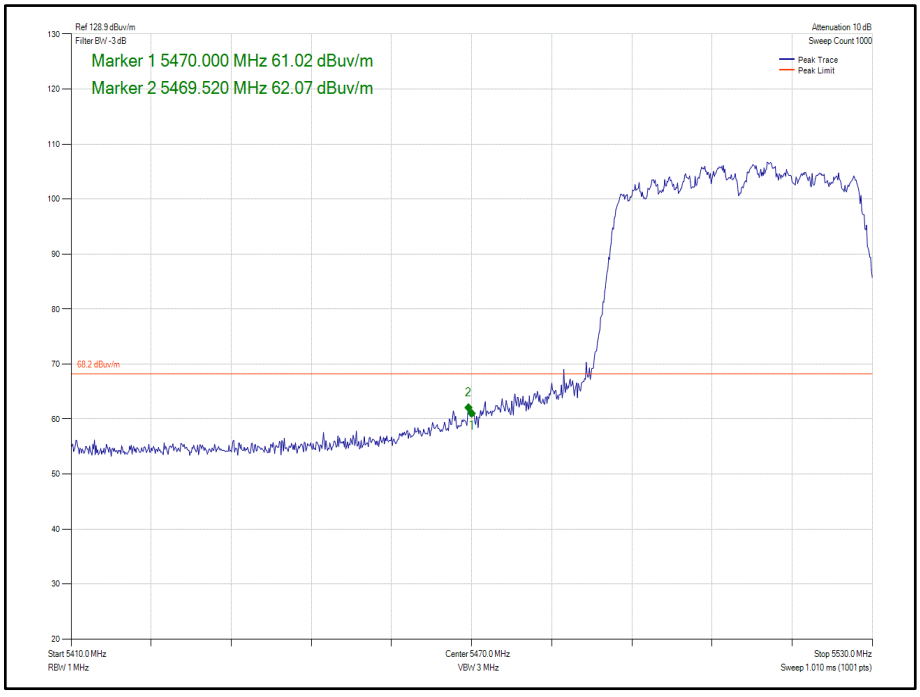

Figure 35 - 802.11n HT40, Core 0 - 5510 MHz Band Edge Frequency 5470 MHz

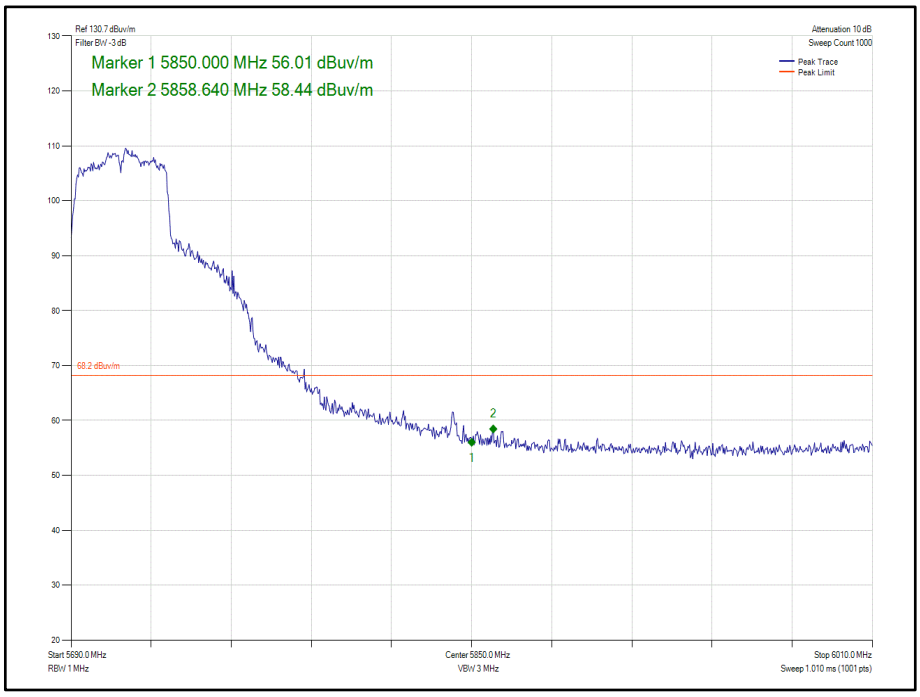

Figure 36 - 802.11n HT40, Core 0 - 5670 MHz
Band Edge Frequency 5725 MHz

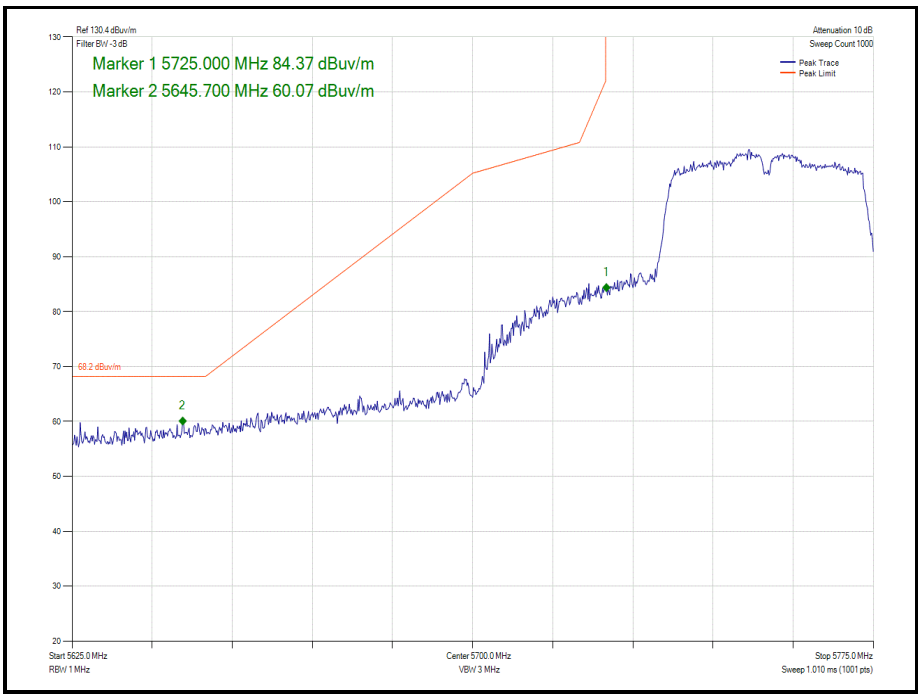

Figure 37 - 802.11n HT40, Core 1 - 5755 MHz
Band Edge Frequency 5725 MHz

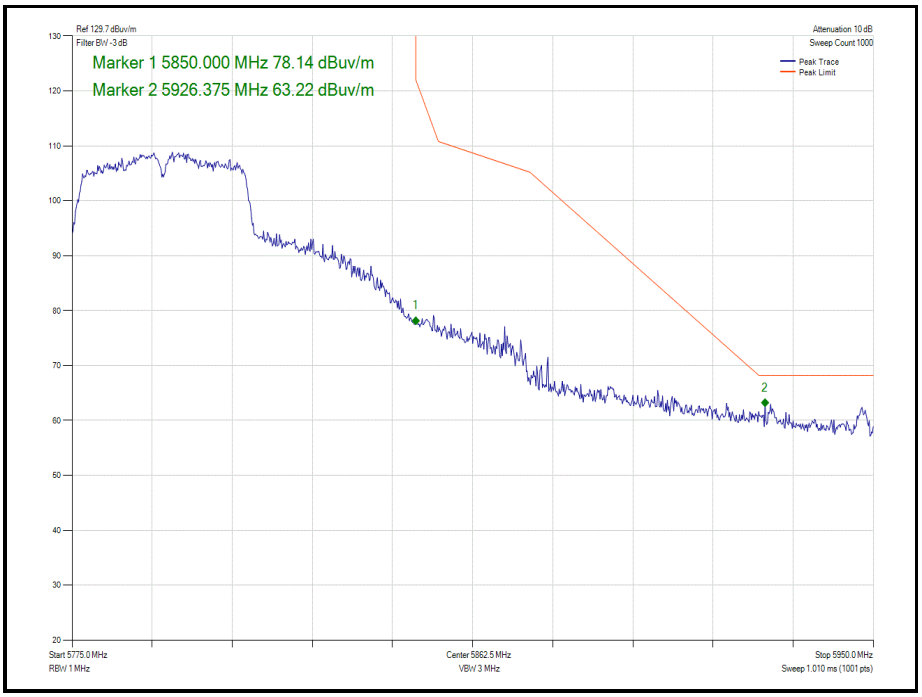

Figure 38 - 802.11n HT40, Core 1 - 5795 MHz
Band Edge Frequency 5850 MHz

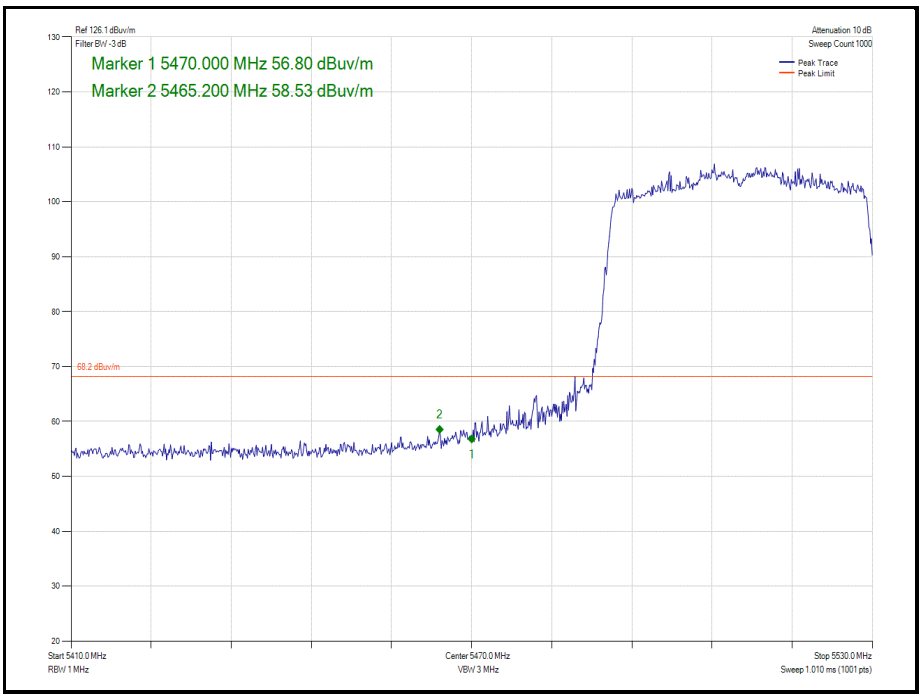

Figure 39 - 802.11ax HE40, Core 0, SU - 5510 MHz
Band Edge Frequency 5470 MHz

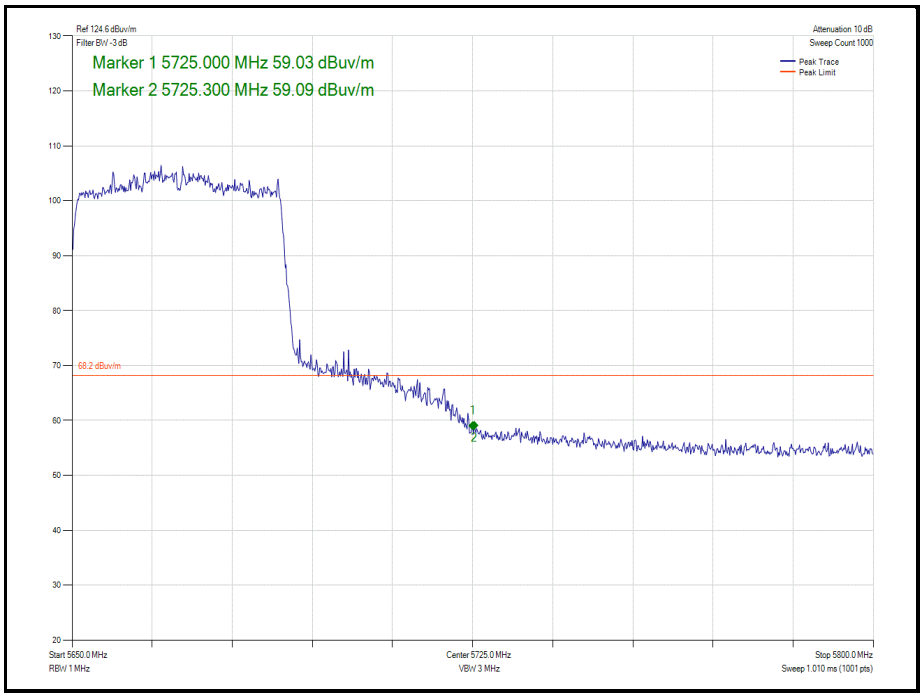

Figure 40 - 802.11ax HE40, Core 0, SU - 5670 MHz Band Edge Frequency 5725 MHz

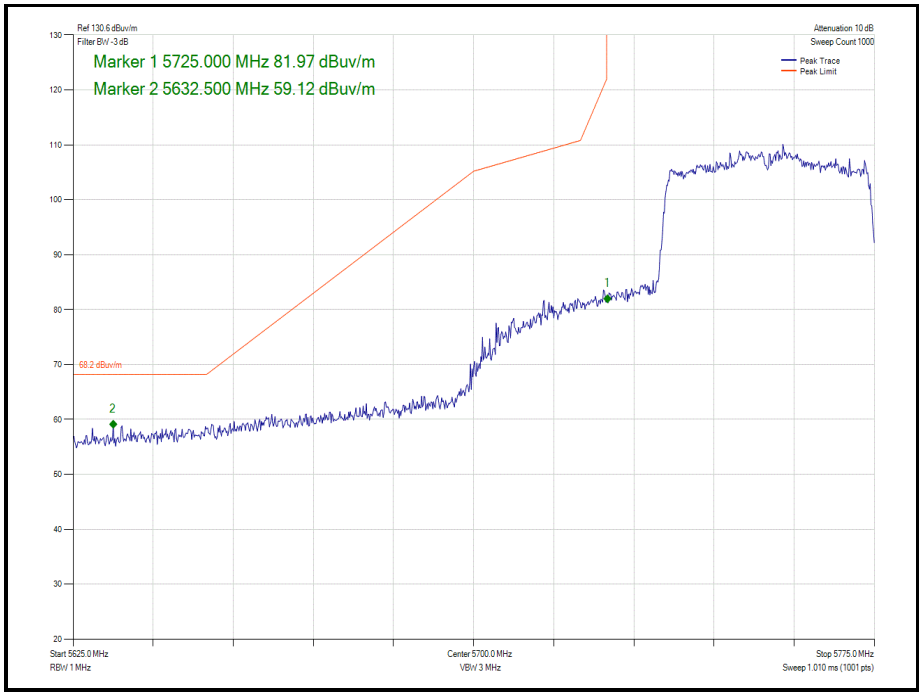

Figure 41 - 802.11ax HE40, Core 1, SU - 5755 MHz Band Edge Frequency 5725 MHz

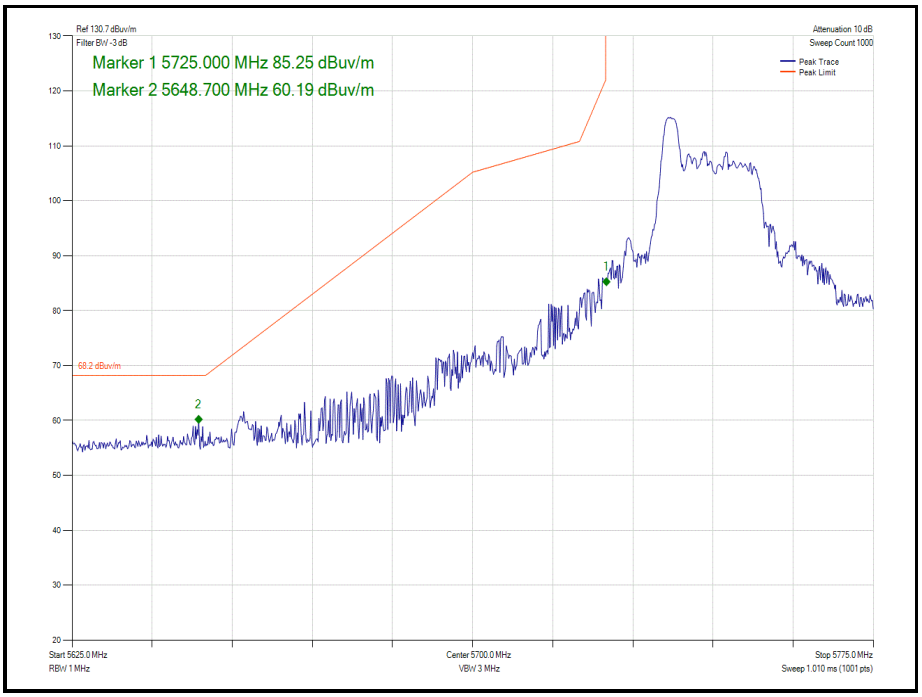

Figure 42 - 802.11ax HE40, Core 1, 26-0 - 5755 MHz
Band Edge Frequency 5725 MHz

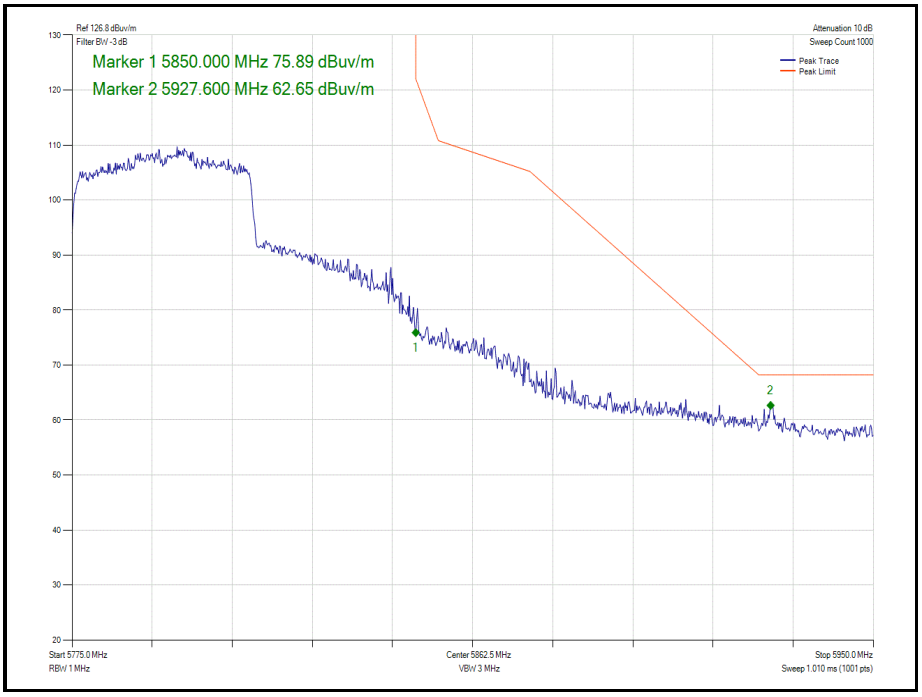

Figure 43 - 802.11ax HE40, Core 1, SU - 5795 MHz
Band Edge Frequency 5850 MHz

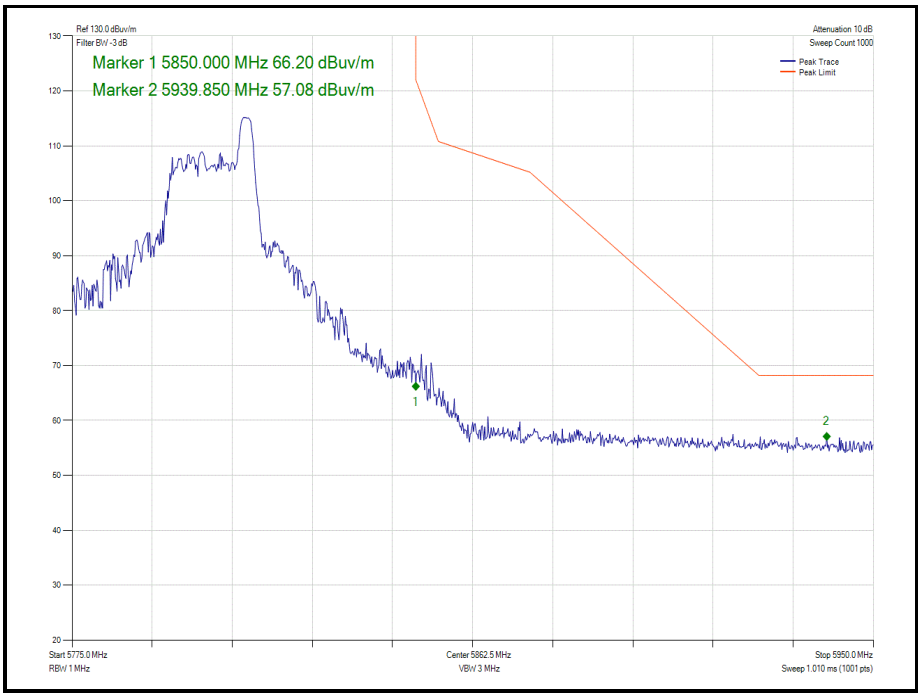

Figure 44 - 802.11ax HE40, Core 1, 26-17 - 5795 MHz Band Edge Frequency 5850 MHz

Mode	Data Rate/ MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuV/m)
802.11n HT40 CDD, Cores 0-1	MCS0	-	-	5510	5470	60.63
802.11n HT40 SDM, Cores 0-1	MCS0	-	-	5510	5470	61.15
802.11ax HE40 CDD, Cores 0-1	MCS0	SU	-	5510	5470	60.89
802.11ax HE40 SDM, Cores 0-1	MCS0	SU		5510	5470	62.27
802.11n HT40 CDD, Cores 0-1	MCS0	-	-	5670	5725	60.21
802.11n HT40 SDM, Cores 0-1	MCS0	-	-	5670	5725	62.55
802.11ax HE40 CDD, Cores 0-1	MCS0	SU	-	5670	5725	60.86
802.11ax HE40 SDM, Cores 0-1	MCS0	SU	-	5670	5725	60.23
802.11n HT40, CDD Cores 0-1	MCS0	-	-	5755	5725	58.33
802.11n HT40, SDM Cores 0-1	MCS0	-	-	5755	5725	56.77
802.11ax HE40 CDD, Cores 0-1	MCS0	SU	-	5755	5725	56.29
802.11ax HE40 CDD, Cores 0-1	MCS0	26	0	5755	5725	59.76
802.11ax HE40 SDM, Cores 0-1	MCS0	SU	-	5755	5725	56.49
802.11ax HE40 SDM, Cores 0-1	MCS0	26	0	5755	5725	61.34
802.11n HT40 CDD, Cores 0-1	MCS0	-	-	5795	5850	62.78
802.11n HT40 SDM, Cores 0-1	MCS0	-	-	5795	5850	63.10
802.11ax HE40 CDD, Cores 0-1	MCS0	SU	-	5795	5850	62.07
802.11ax HE40 CDD, Cores 0-1	MCS0	26	17	5795	5850	57.96
802.11ax HE40 SDM, Cores 0-1	MCS0	SU	-	5795	5850	64.24
802.11ax HE40 SDM, Cores 0-1	MCS0	26	17	5795	5850	57.93

Table 342 - MIMO 2TX Authorised Band Edge Results

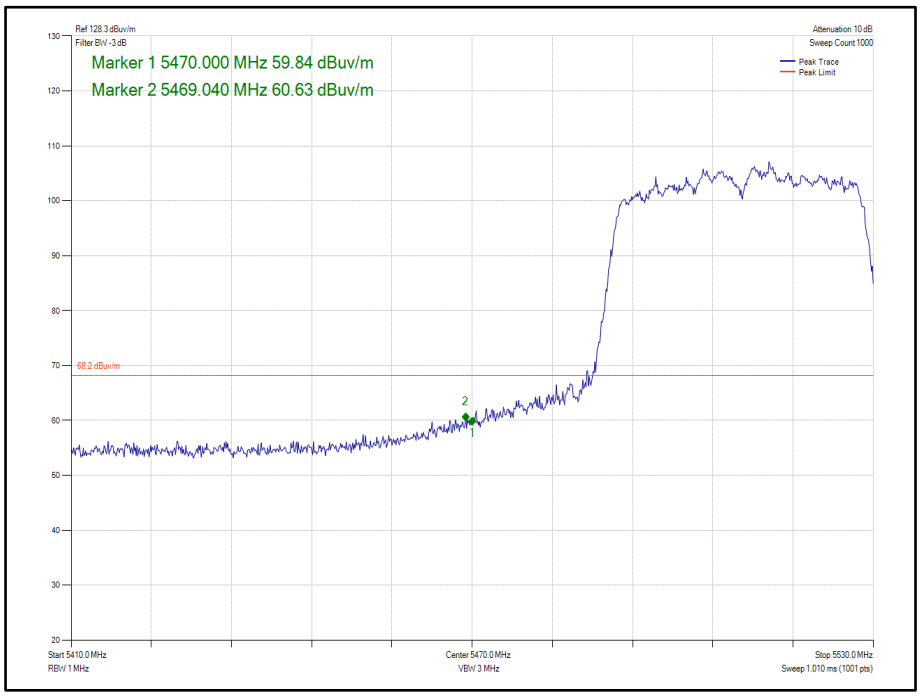

Figure 45 - 802.11n HT40 CDD, Cores 0-1 - 5510 MHz Band Edge Frequency 5470 MHz

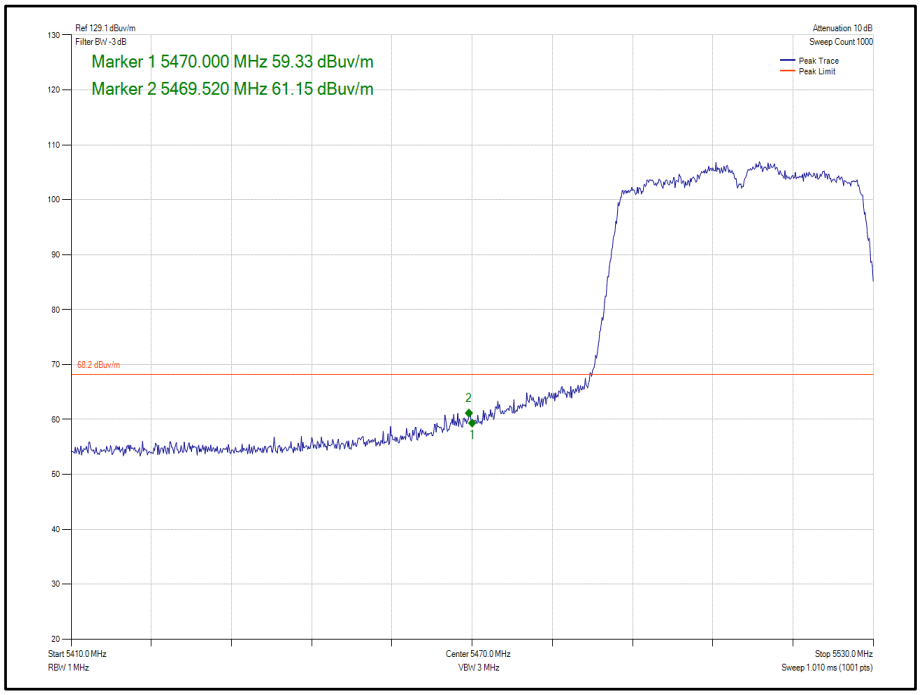

Figure 46 - 802.11n HT40 SDM, Cores 0-1 - 5510 MHz Band Edge Frequency 5470 MHz

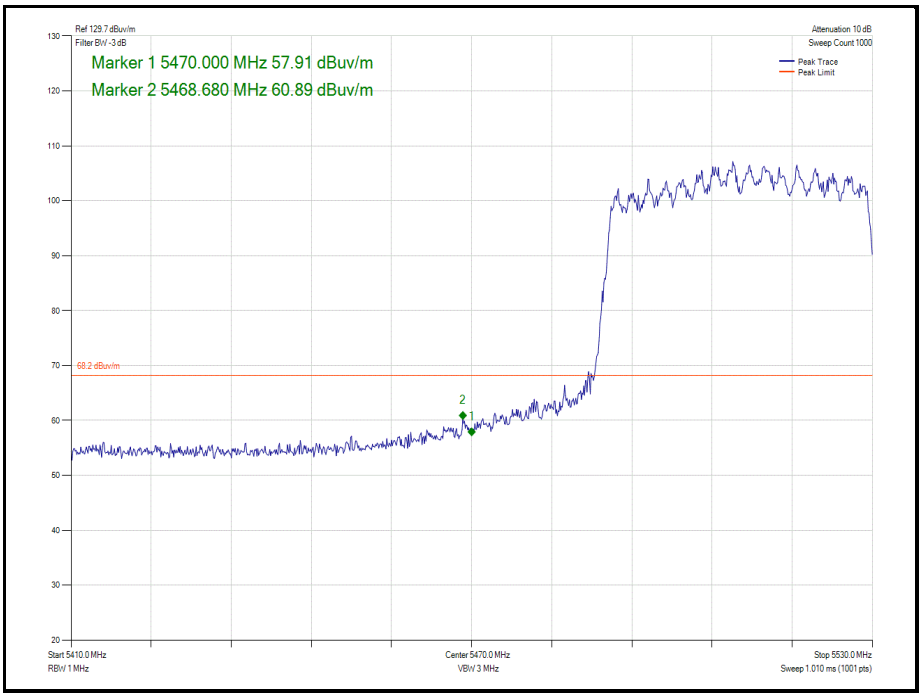

Figure 47 - 802.11ax HE40 CDD, Cores 0-1, SU - 5510 MHz Band Edge Frequency 5470 MHz

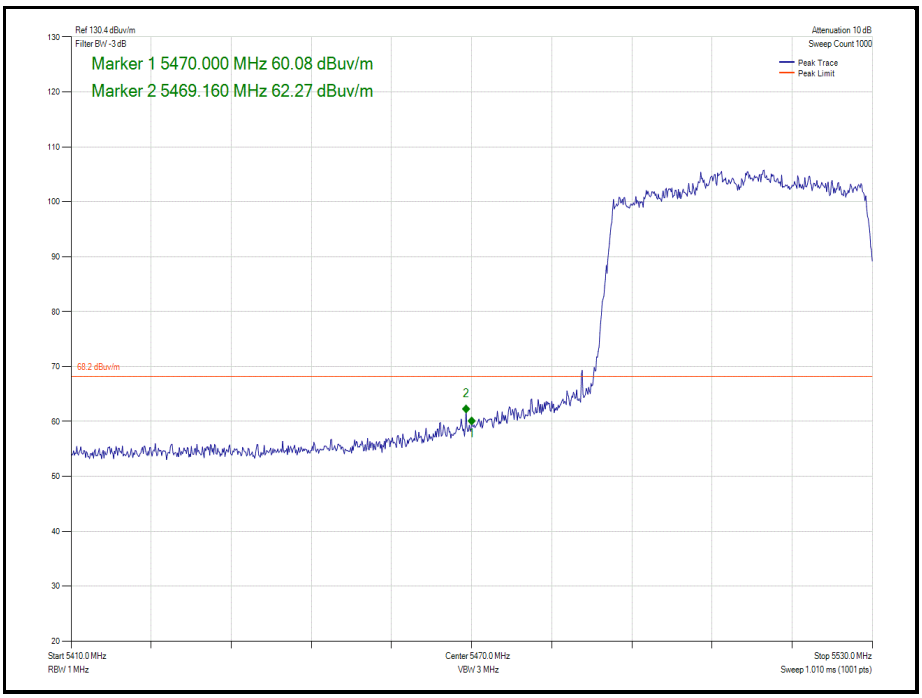

Figure 48 - 802.11ax HE40 SDM, Cores 0-1, SU - 5510 MHz Band Edge Frequency 5470 MHz

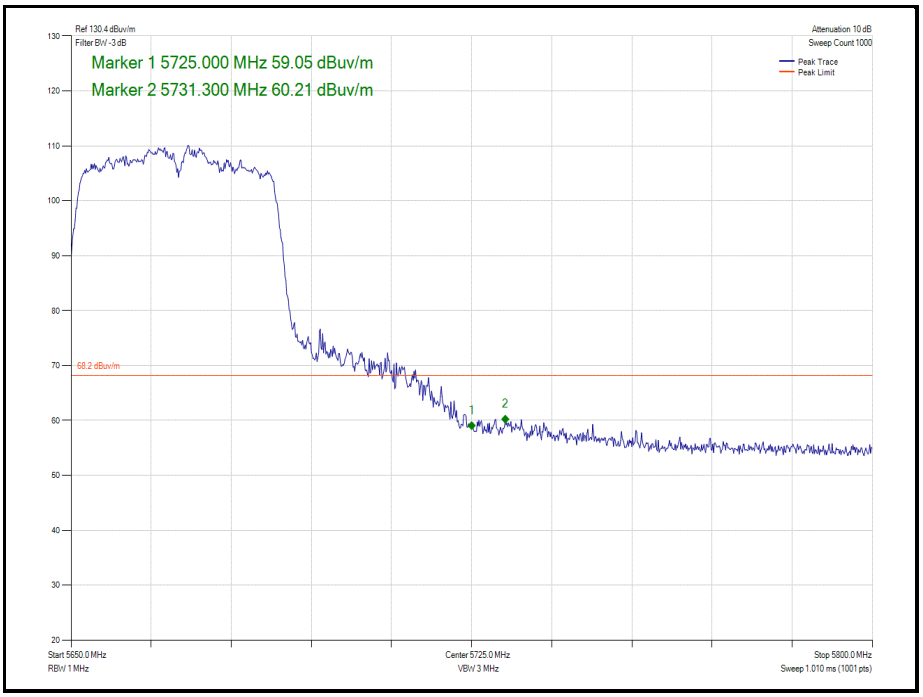

Figure 49 - 802.11n HT40 CDD, Cores 0-1 - 5670 MHz Band Edge Frequency 5725 MHz

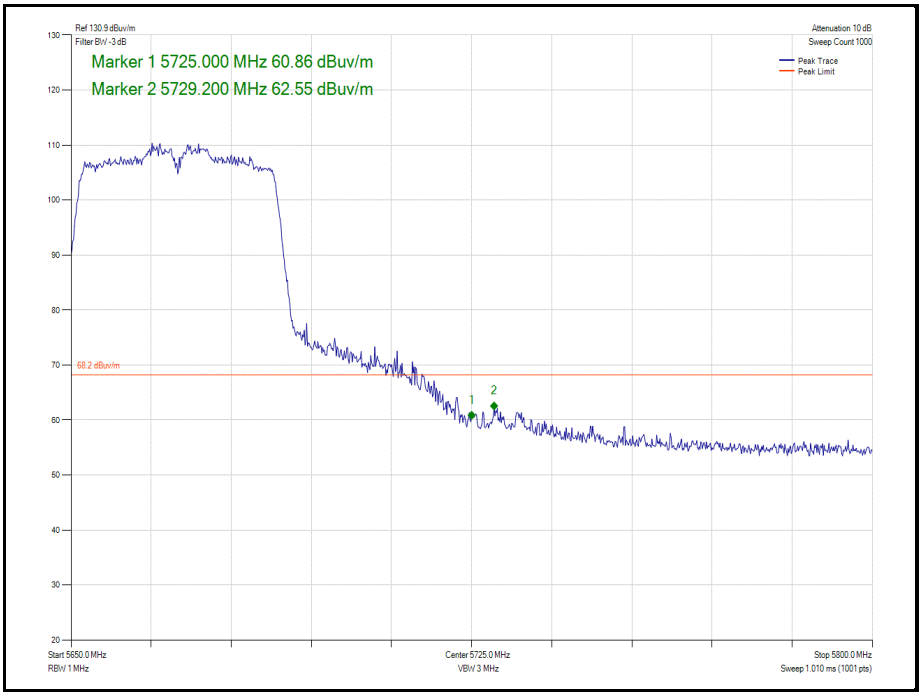

Figure 50 - 802.11n HT40 SDM, Cores 0-1 - 5670 MHz Band Edge Frequency 5725 MHz

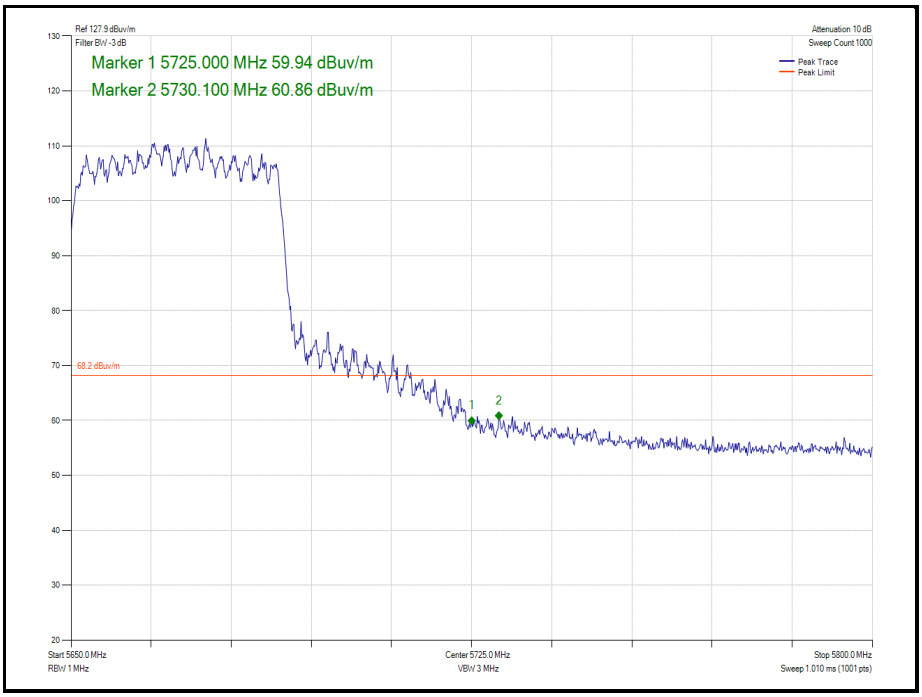

Figure 51 - 802.11ax HE40 CDD, Cores 0-1, SU - 5670 MHz Band Edge Frequency 5725 MHz

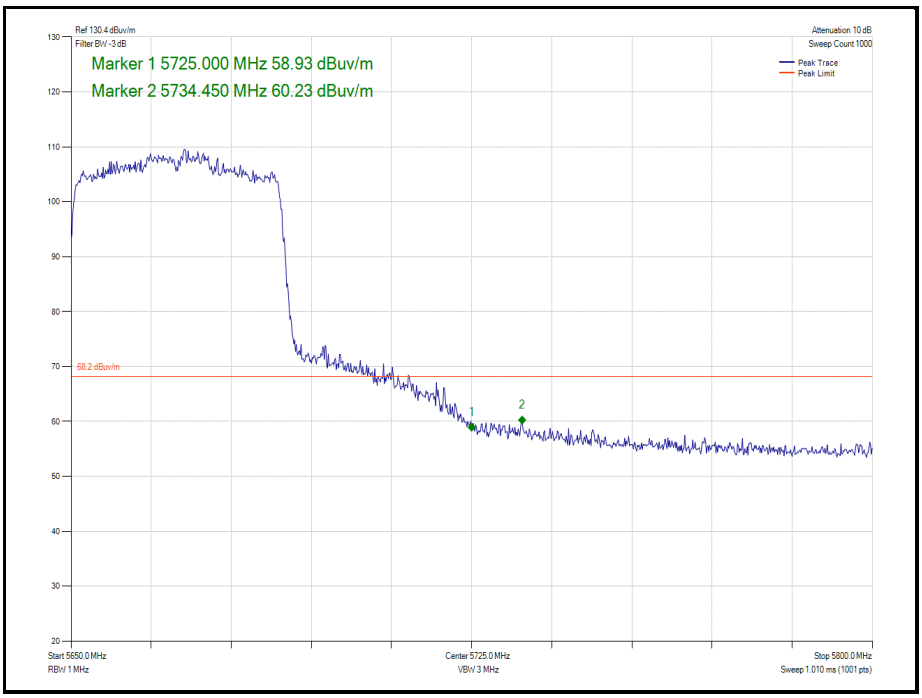

Figure 52 - 802.11ax HE40 SDM, Cores 0-1, SU - 5670 MHz Band Edge Frequency 5725 MHz

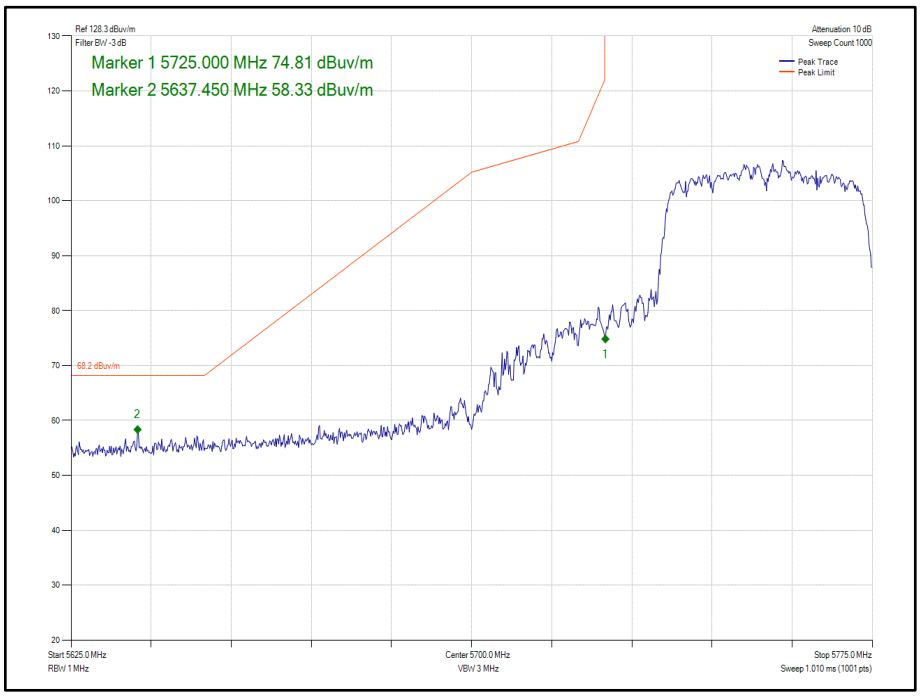

Figure 53 - 802.11n HT40 CDD, Cores 0-1 - 5755 MHz Band Edge Frequency 5725 MHz

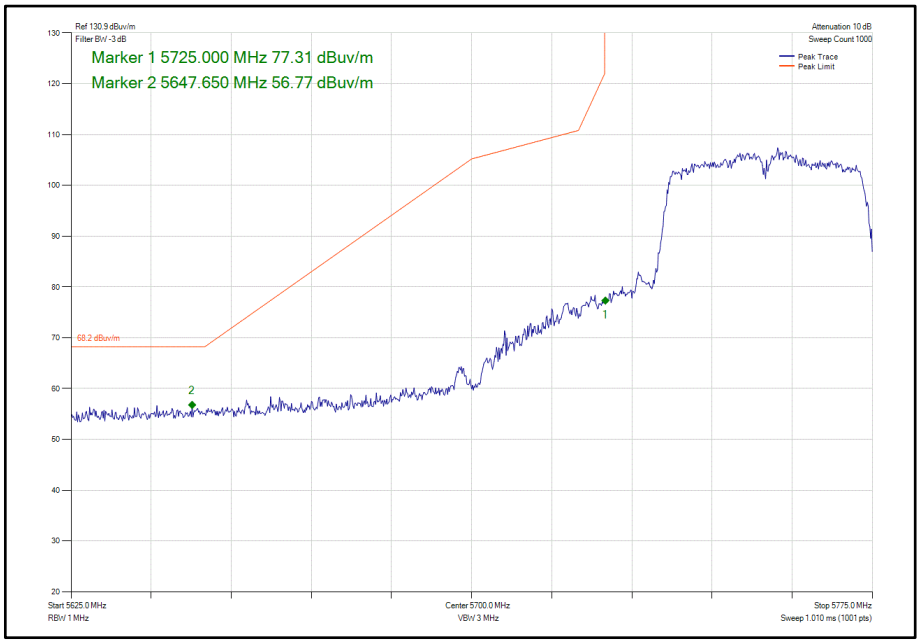

Figure 54 - 802.11n HT40 SDM, Cores 0-1 - 5755 MHz Band Edge Frequency 5725 MHz

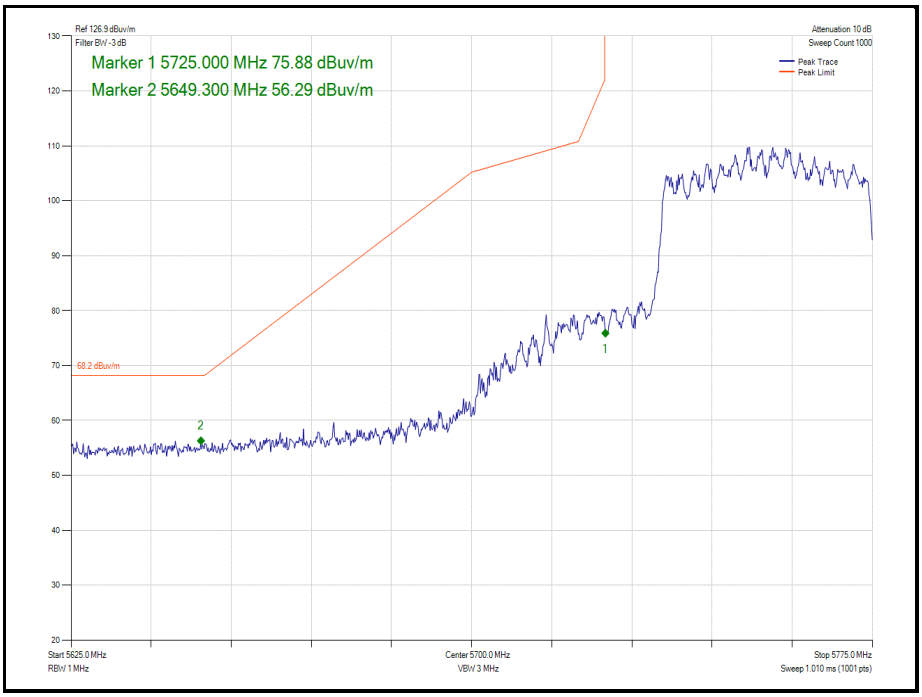

Figure 55 - 802.11ax HE40 CDD, Cores 0-1, SU - 5755 MHz Band Edge Frequency 5725 MHz

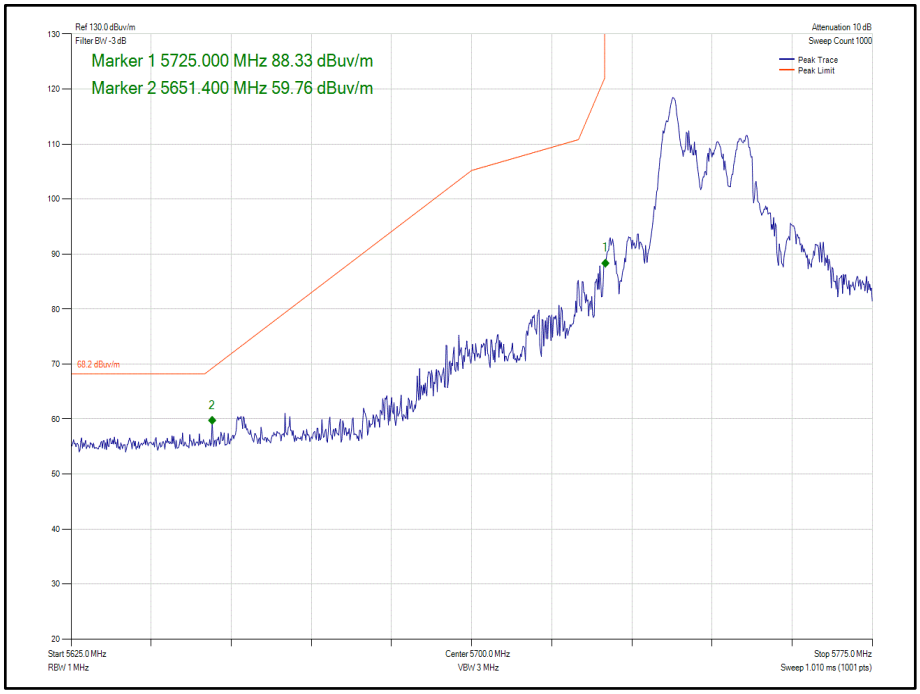

Figure 56 - 802.11ax HE40 CDD, Cores 0-1, 26-0 - 5755 MHz Band Edge Frequency 5725 MHz

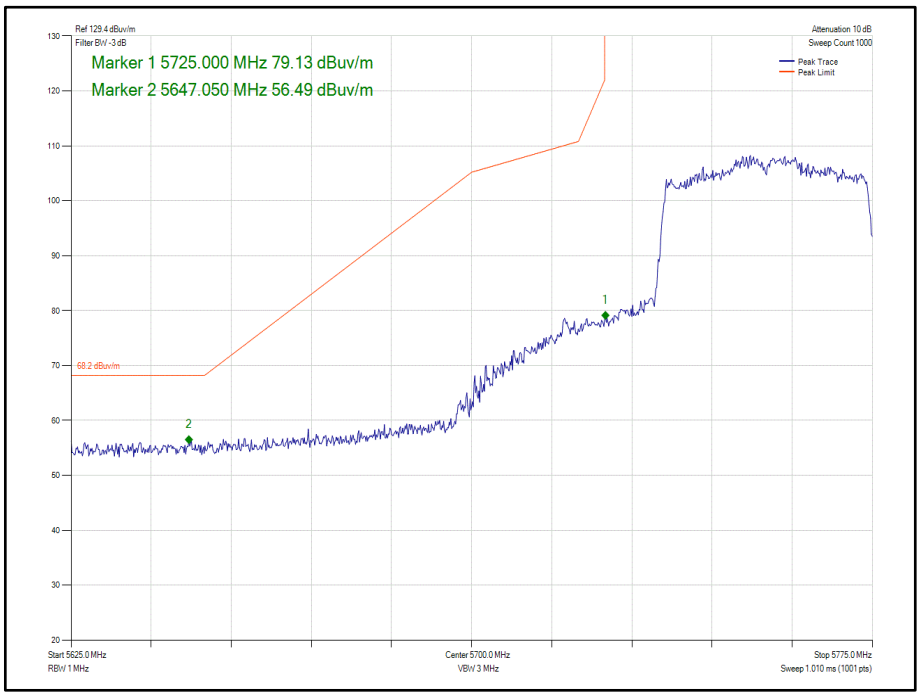

Figure 57 - 802.11ax HE40 SDM, Cores 0-1, SU - 5755 MHz Band Edge Frequency 5725 MHz

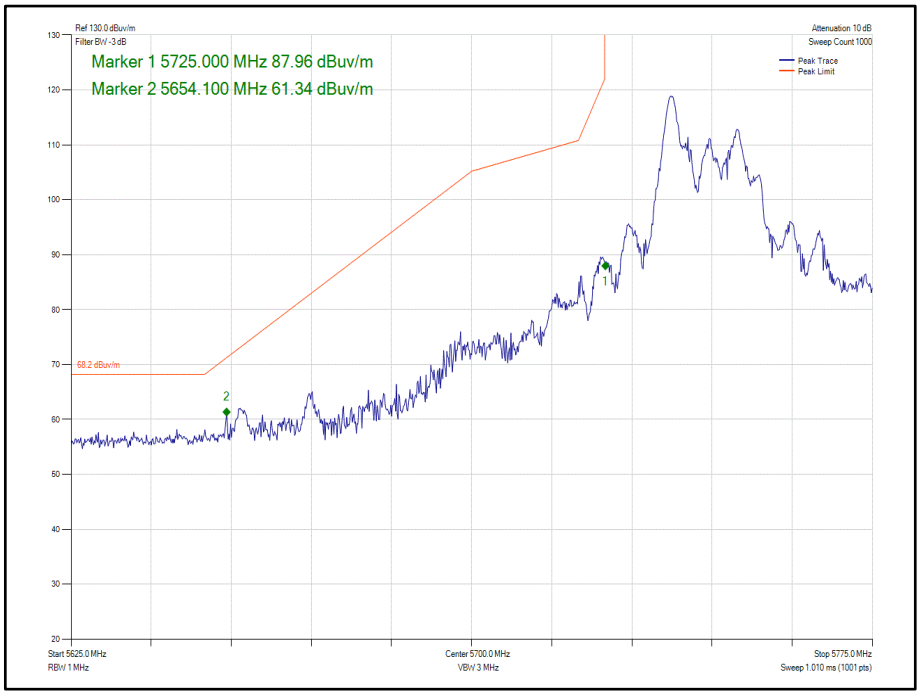

Figure 58 - 802.11ax HE40 SDM, Cores 0-1, 26-0 - 5755 MHz Band Edge Frequency 5725 MHz

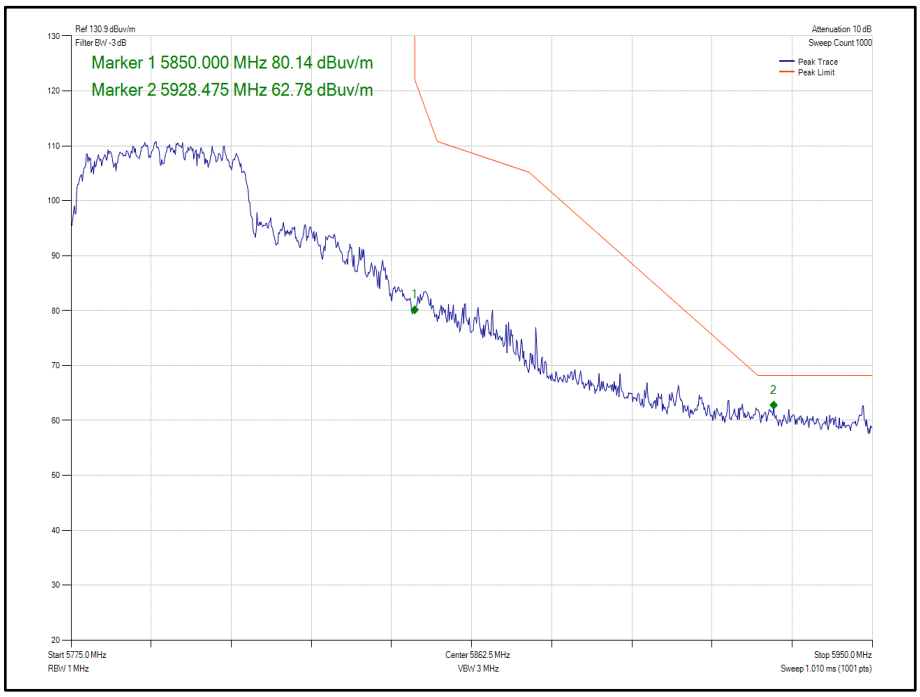

Figure 59 - 802.11n HT40 CDD, Cores 0-1 - 5795 MHz Band Edge Frequency 5850 MHz

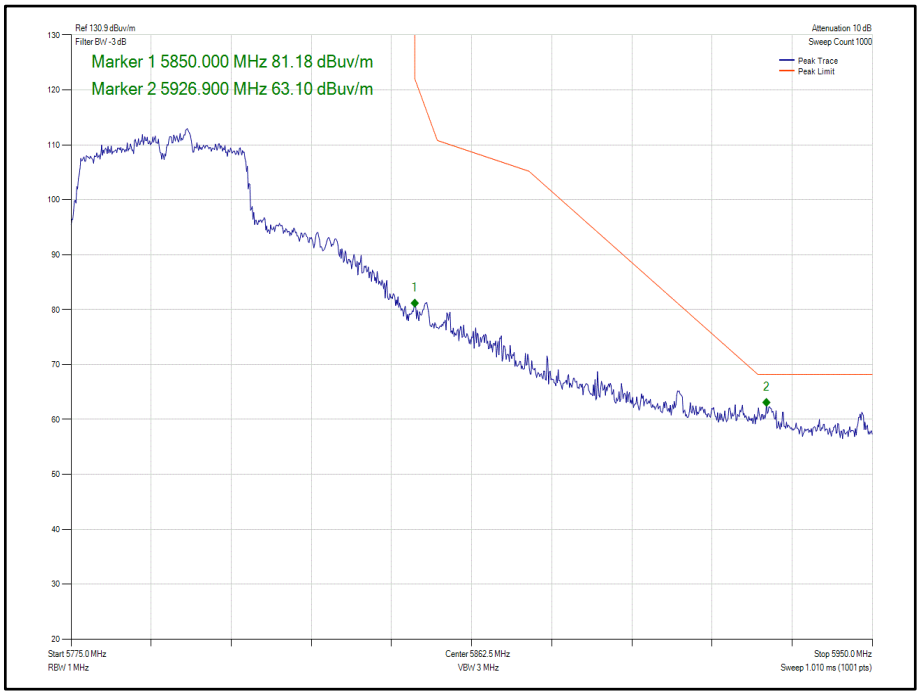

Figure 60 - 802.11n HT40 SDM, Cores 0-1 - 5795 MHz Band Edge Frequency 5850 MHz

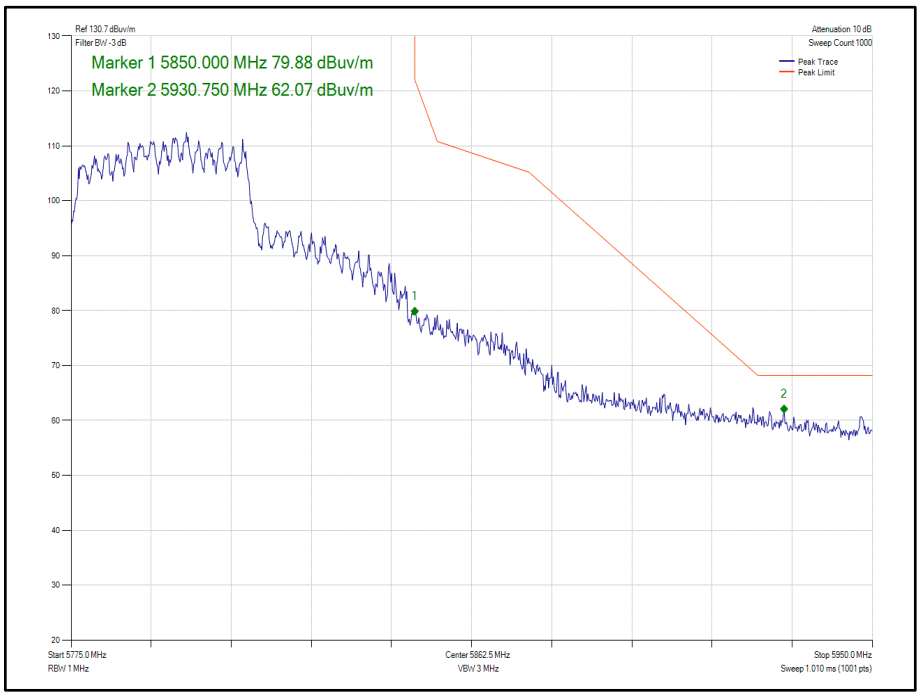

Figure 61 - 802.11ax HE40 CDD, Cores 0-1, SU - 5795 MHz Band Edge Frequency 5850 MHz

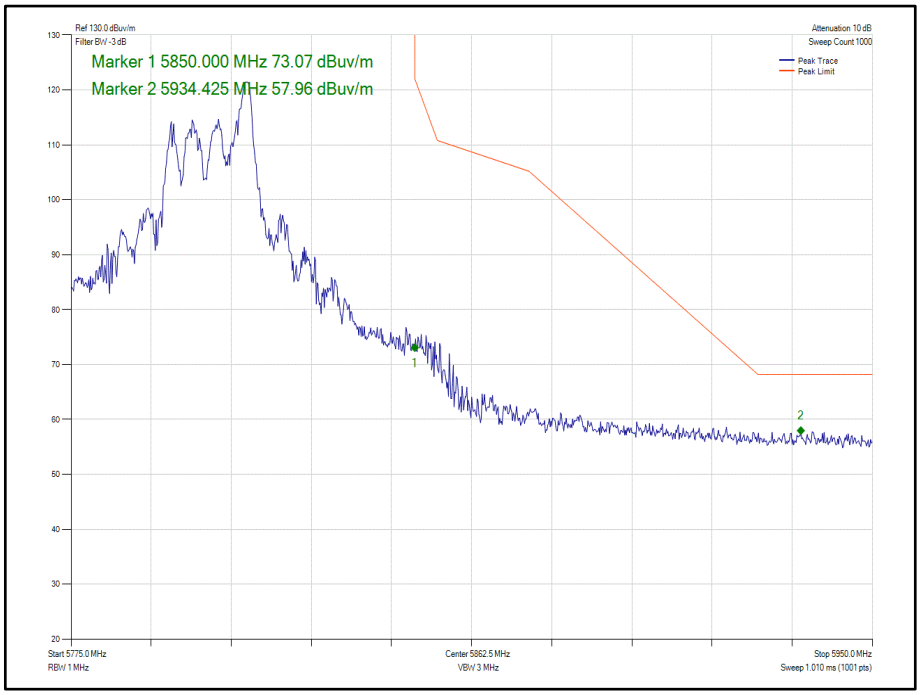

Figure 62 - 802.11ax HE40 CDD, Cores 0-1, 26-17 - 5795 MHz Band Edge Frequency 5850 MHz

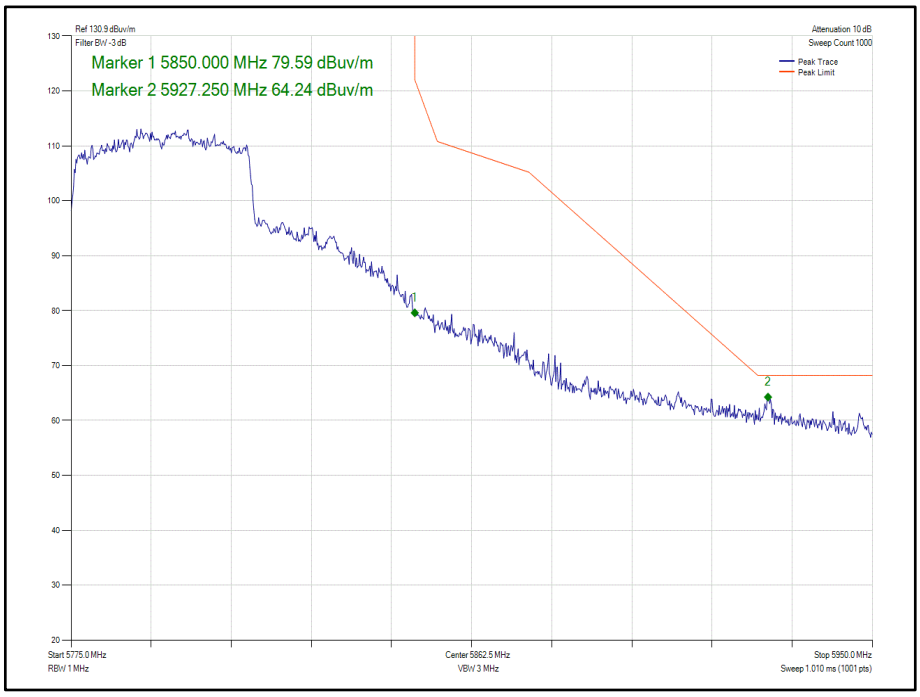

Figure 63 - 802.11ax HE40 SDM, Cores 0-1, SU - 5795 MHz Band Edge Frequency 5850 MHz

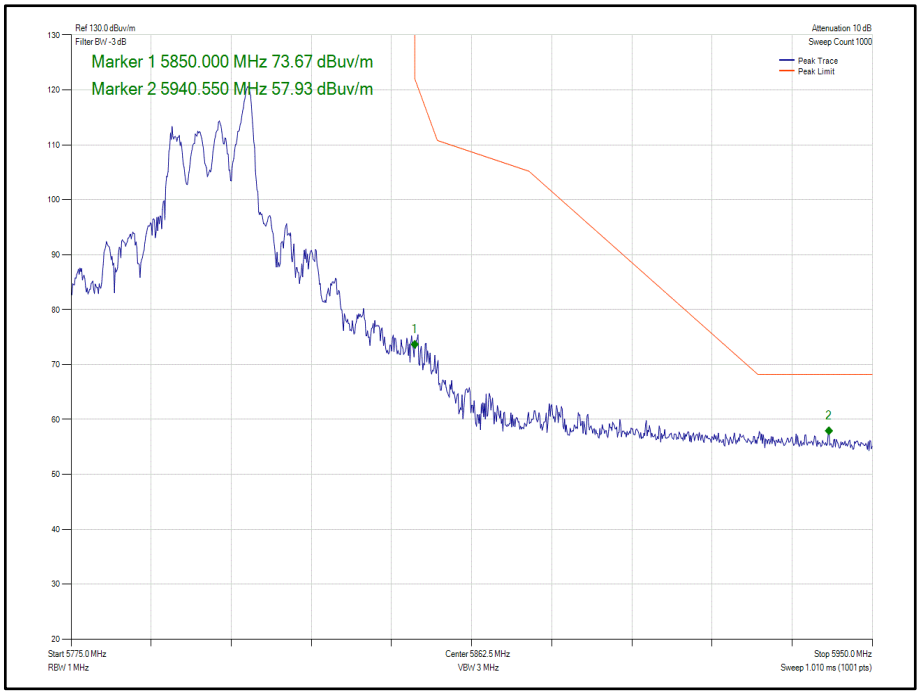

Figure 64 - 802.11ax HE40 SDM, Cores 0-1, 26-17 - 5795 MHz Band Edge Frequency 5850 MHz

80 MHz Channel Bandwidth

Mode	Data Rate /MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuV/m
802.11ac VHT80, Core 0	MCS0x1	-	-	5530	5470	59.42
802.11ac VHT80, Core 0	MCS0x1	-	-	5610	5725	57.55
802.11ac VHT80, Core 1	MCS0x1	-	-	5775	5725	63.66
802.11ac VHT80, Core 1	MCS0x1	-	-	5775	5850	61.99
802.11ax HE80, Core 0	MCS0	SU	-	5530	5470	61.93
802.11ax HE80, Core 0	MCS0	SU	-	5610	5725	62.15
802.11ax HE80, Core 1	MCS0	SU	-	5775	5725	57.23
802.11ax HE80, Core 1	MCS0	26	0	5775	5725	63.87
802.11ax HE80, Core 1	MCS0	SU	-	5775	5850	59.51
802.11ax HE80, Core 1	MCS0	26	36	5775	5850	57.22

Table 343 - SISO Authorised Band Edge Results

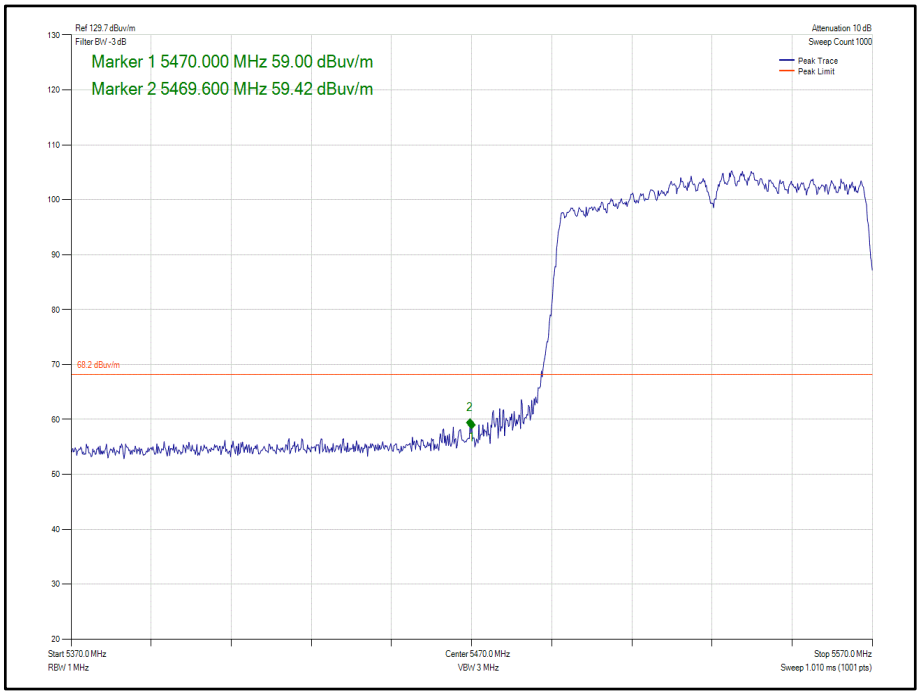

Figure 65 - 802.11ac VHT80 Core 0 - 5530 MHz Band Edge Frequency 5470 MHz

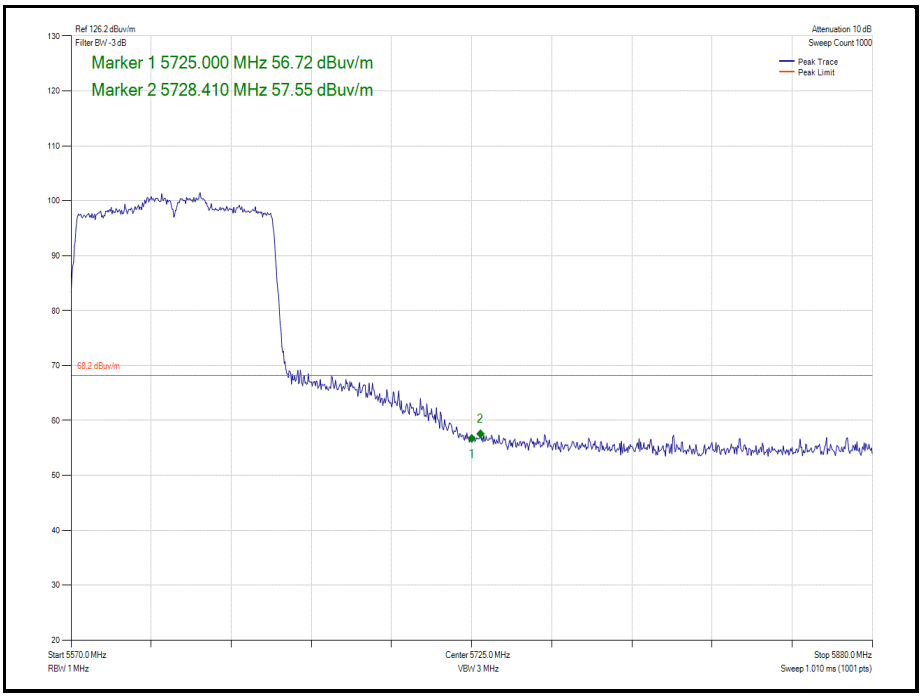

Figure 66 - 802.11ac VHT80 Core 0 - 5610 MHz
Band Edge Frequency 5725 MHz

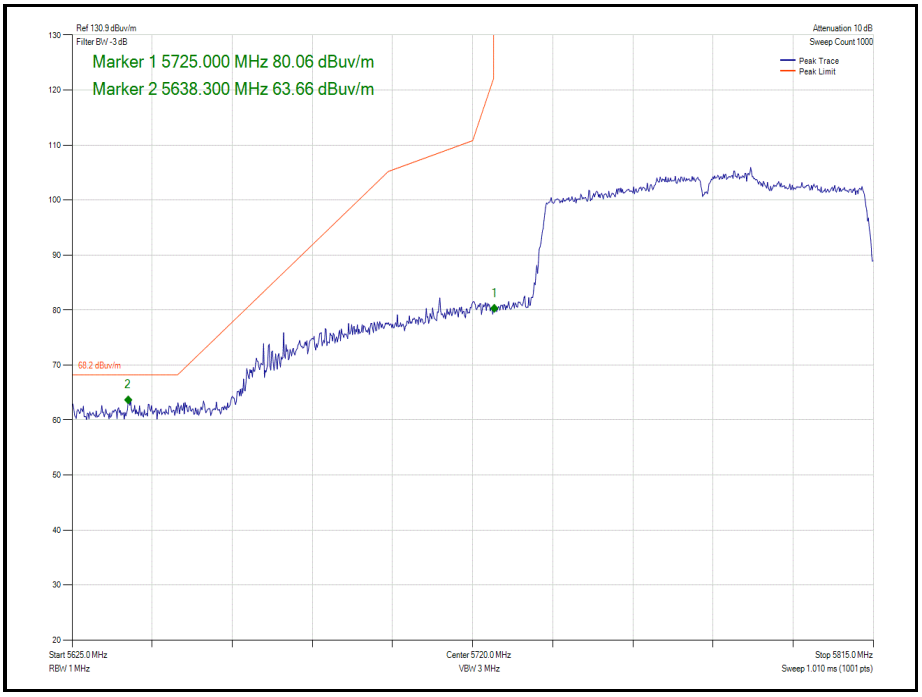

Figure 67 - 802.11ac VHT80 Core 1 - 5775 MHz
Band Edge Frequency 5725 MHz

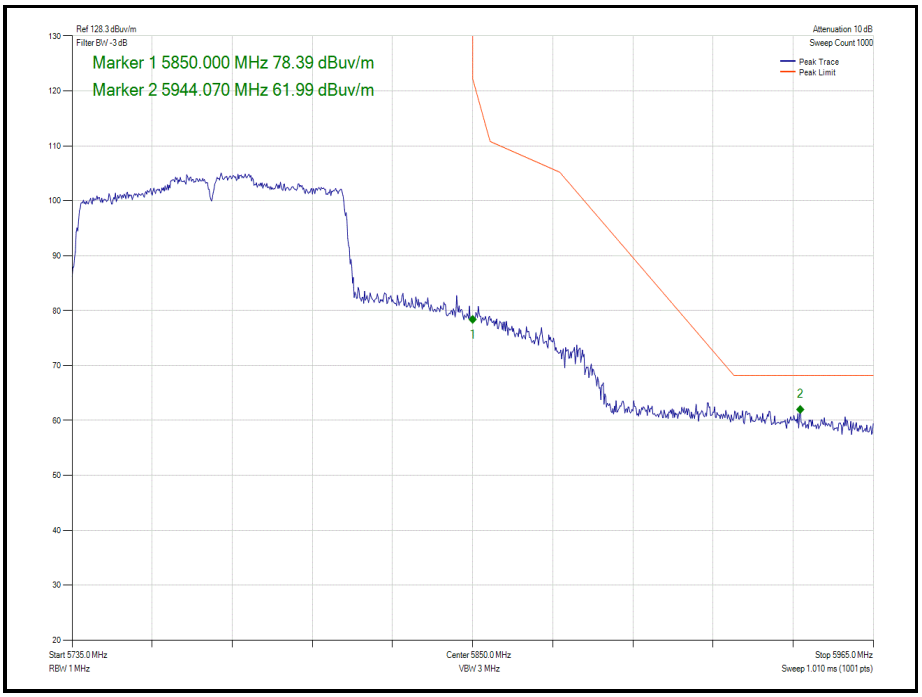

Figure 68 - 802.11ac VHT80 Core 1 - 5775 MHz
Band Edge Frequency 5850 MHz

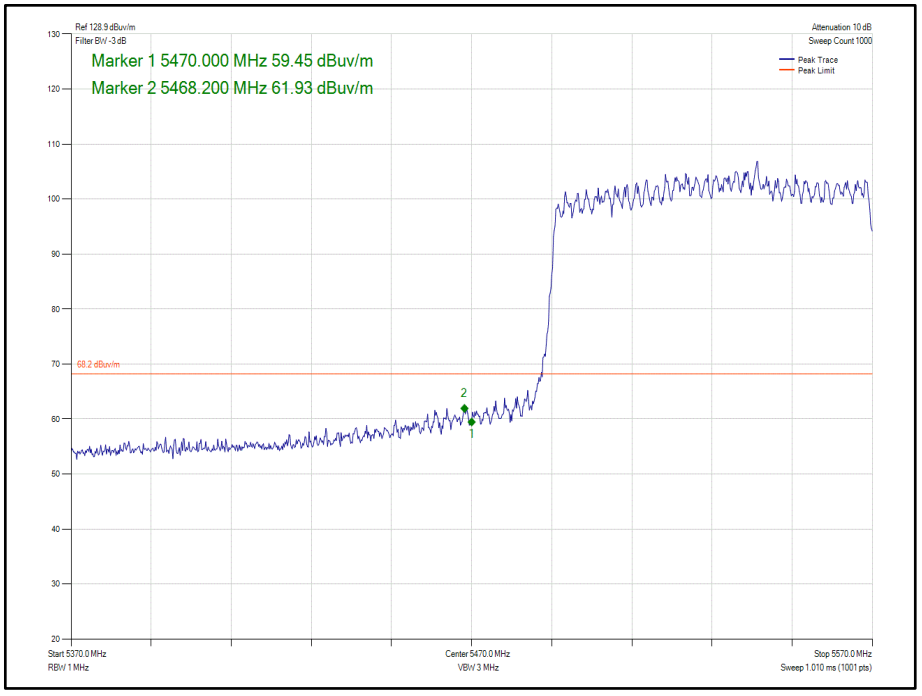

Figure 69 - 802.11ax HE80 Core 0 SU - 5530 MHz
Band Edge Frequency 5470 MHz

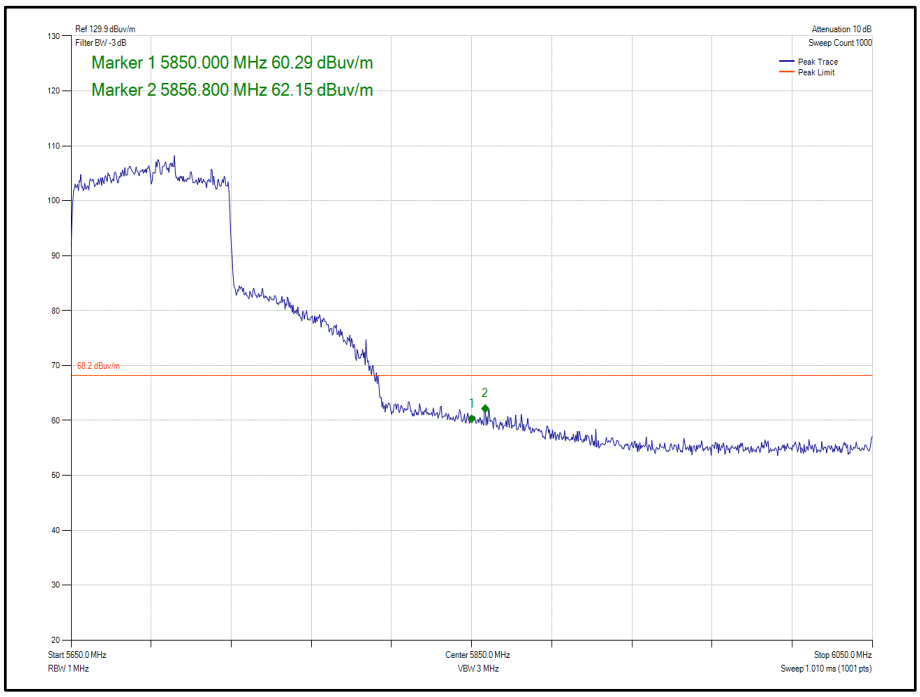

Figure 70 - 802.11ax HE80 Core 0 SU - 5610 MHz
Band Edge Frequency 5725 MHz

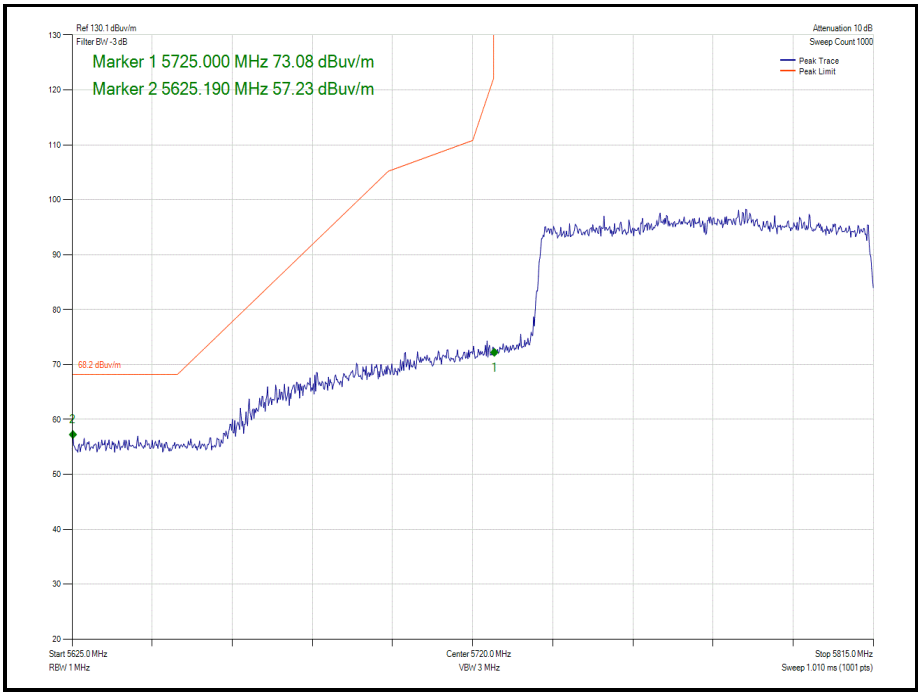

Figure 71 - 802.11ax HE80 Core 1 SU - 5775 MHz
Band Edge Frequency 5725 MHz

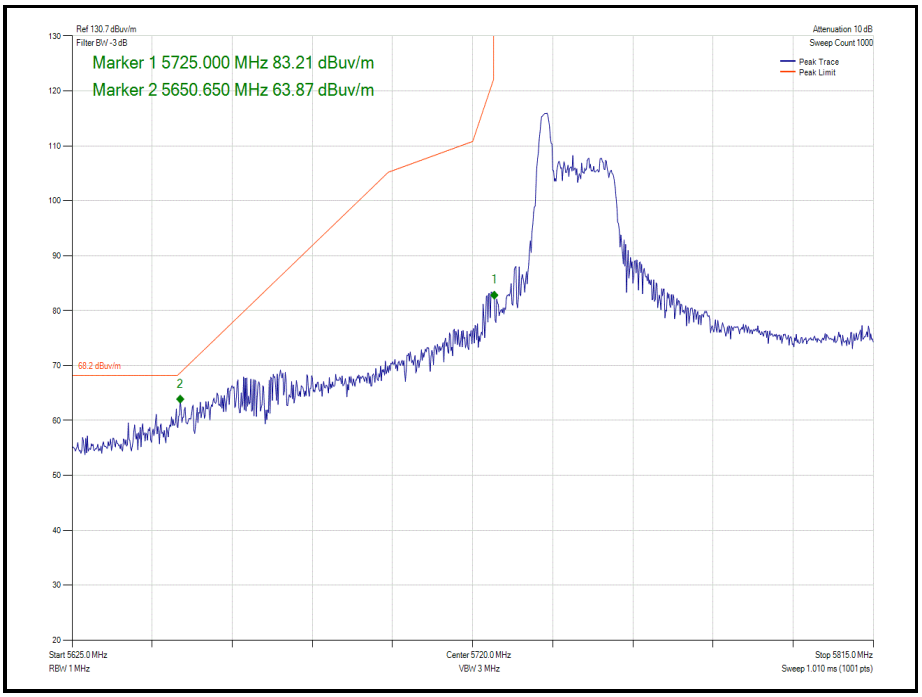

Figure 72 - 802.11ax HE80 Core 1 26-0 - 5775 MHz Band Edge Frequency 5725 MHz

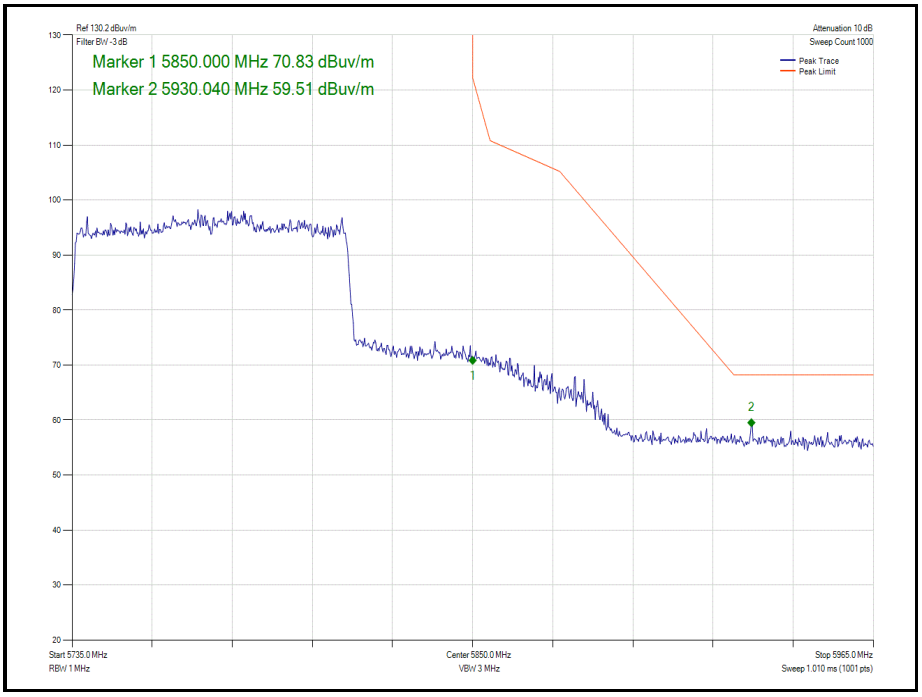

Figure 73 - 802.11ax HE80 Core 1 SU - 5775 MHz Band Edge Frequency 5850 MHz

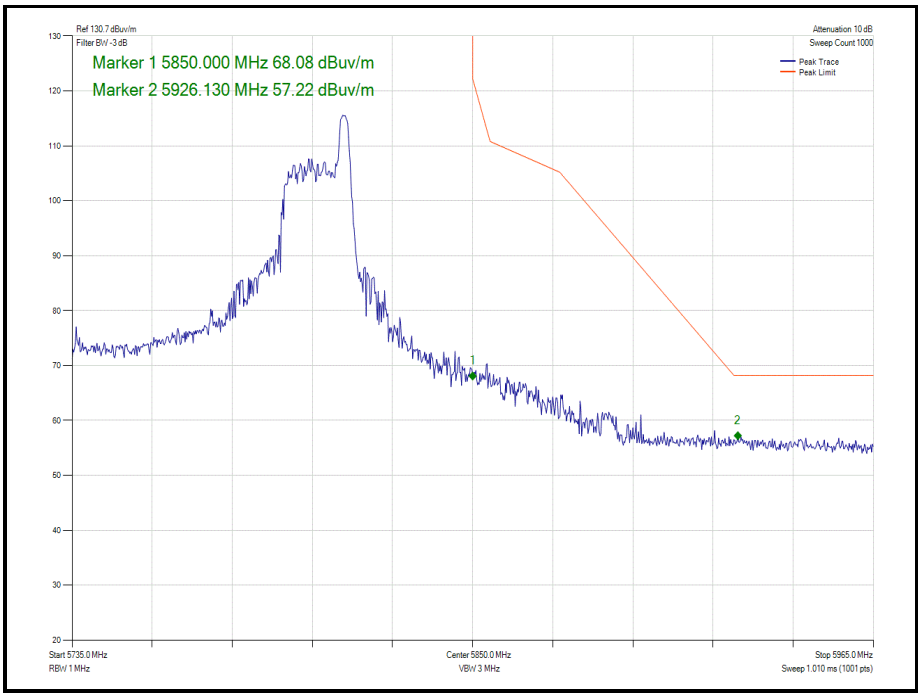

Figure 74 - 802.11ax HE80 Core 1 26-36 - 5775 MHz Band Edge Frequency 5850 MHz

Mode	Data Rate/ MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuV/m)
802.11ac VHT80 CDD, Cores 0-1	MCS0x1	-	-	5530	5470	59.67
802.11ac VHT80 SDM, Cores 0-1	MCS0x1	-	-	5530	5470	60.33
802.11ax HE80 CDD, Cores 0-1	MCS0	SU	-	5530	5470	59.43
802.11ax HE80 SDM, Cores 0-1	MCS0	SU	-	5530	5470	59.46
802.11ac VHT80 CDD, Cores 0-1	MCS0	-	-	5610	5725	60.16
802.11ac VHT80 SDM, Cores 0-1	MCS0	-	-	5610	5725	60.31
802.11ax HE80 CDD, Cores 0-1	MCS0	SU	-	5610	5725	59.19
802.11ax HE80 SDM, Cores 0-1	MCS0	SU	-	5610	5725	59.68
802.11ac VHT80 CDD, Cores 0-1	MCS0	-	-	5775	5725	56.28
802.11ac VHT80 SDM, Cores 0-1	MCS0	-	-	5775	5725	56.32
802.11ax HE80 CDD, Cores 0-1	MCS0	SU	-	5775	5725	56.57
802.11ax HE80 CDD, Cores 0-1	MCS0	26	0	5775	5725	56.10
802.11ax HE80 SDM, Cores 0-1	MCS0	SU	-	5775	5725	56.22
802.11ax HE80 SDM, Cores 0-1	MCS0	26	0	5775	5725	56.78
802.11ac VHT80 CDD, Cores 0-1	MCS0	-	-	5775	5850	56.98
802.11ac VHT80 SDM, Cores 0-1	MCS0	-	-	5775	5850	56.61
802.11ax HE80 CDD, Cores 0-1	MCS0	SU	-	5775	5850	56.35
802.11ax HE80 CDD, Cores 0-1	MCS0	26	36	5775	5850	56.91
802.11ax HE80 SDM, Cores 0-1	MCS0	SU	-	5775	5850	57.36
802.11ax HE80 SDM, Cores 0-1	MCS0	26	36	5775	5850	56.62

Table 344 - MIMO 2TX Authorised Band Edge Results

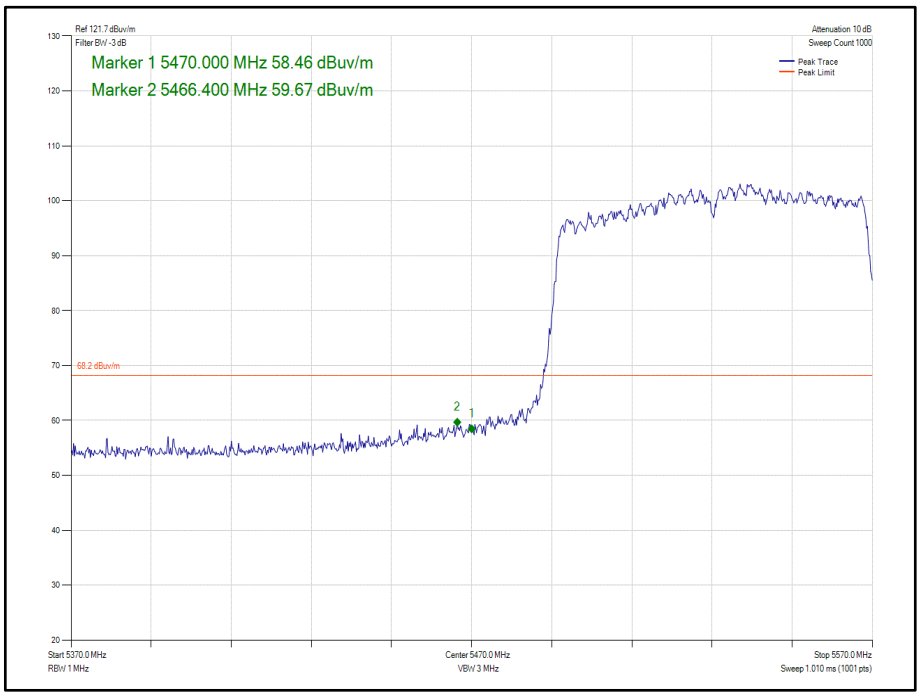

Figure 75 - 802.11ac VHT80 CDD, Cores 0-1 - 5530 MHz Band Edge Frequency 5470 MHz

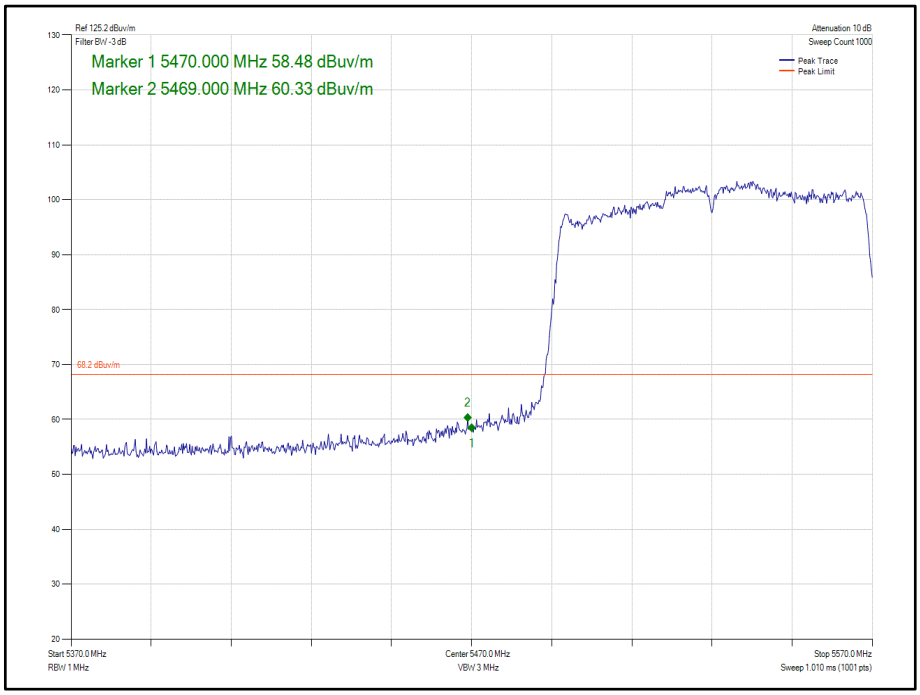

Figure 76 - 802.11ac VHT80 SDM, Cores 0-1 - 5530 MHz Band Edge Frequency 5470 MHz

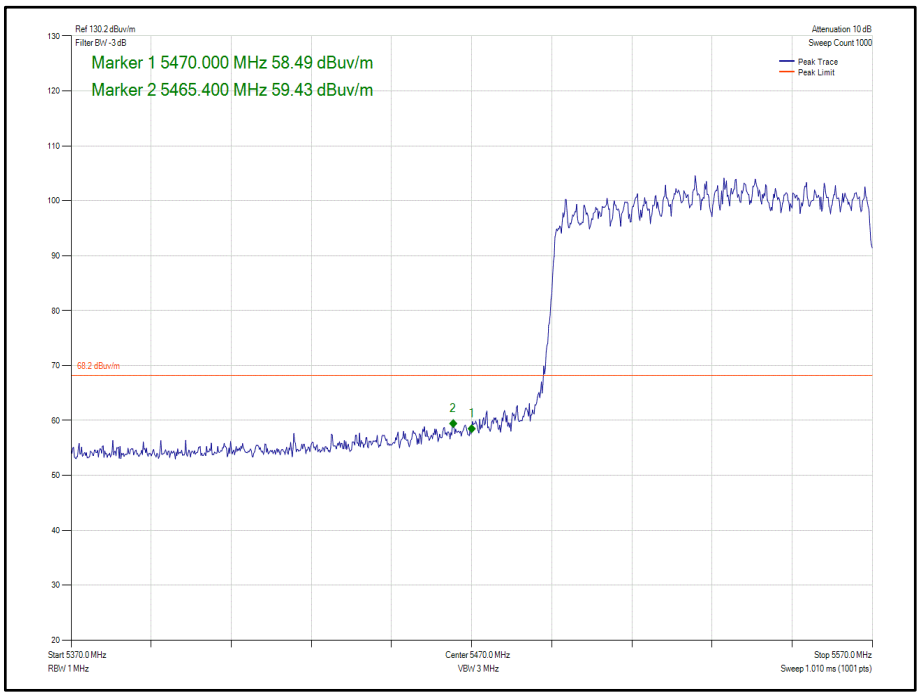

Figure 77 - 802.11ax HE80 CDD, Cores 0-1, SU - 5530 MHz Band Edge Frequency 5470 MHz

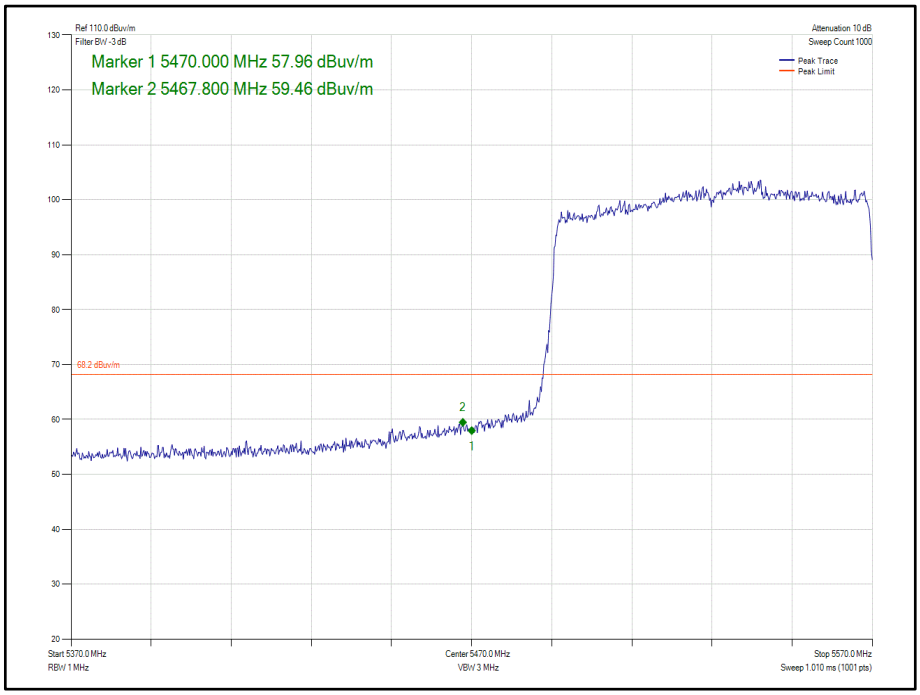

Figure 78 - 802.11ax HE80 SDM, Cores 0-1, SU - 5530 MHz Band Edge Frequency 5470 MHz

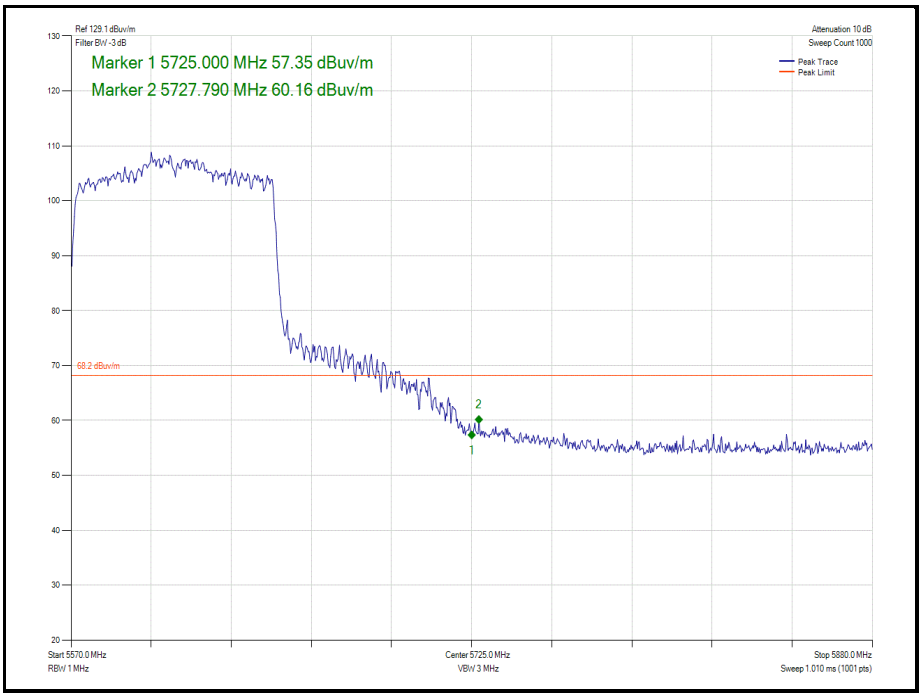

Figure 79 - 802.11ac VHT80 CDD, Cores 0-1 - 5610 MHz Band Edge Frequency 5725 MHz

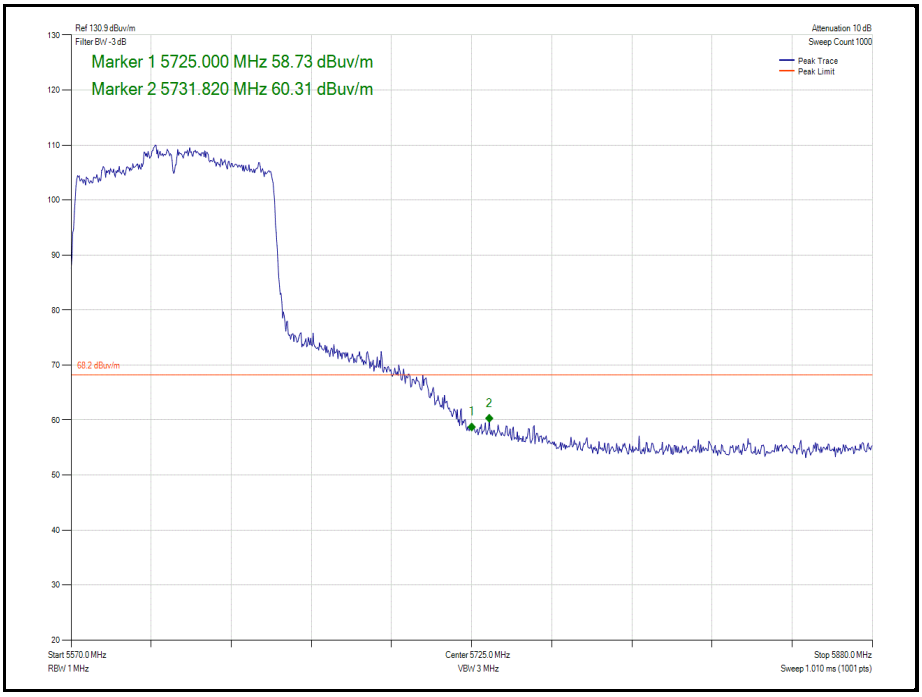

Figure 80 - 802.11ac VHT80 SDM, Cores 0-1 - 5610 MHz Band Edge Frequency 5725 MHz

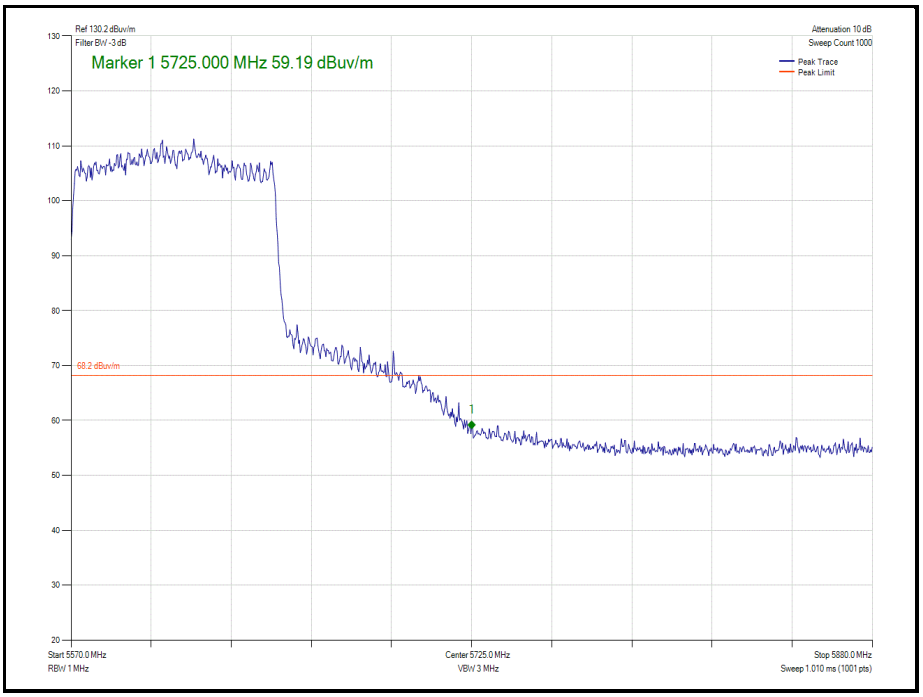

Figure 81 - 802.11ax HE80 CDD, Cores 0-1, SU - 5610 MHz Band Edge Frequency 5725 MHz

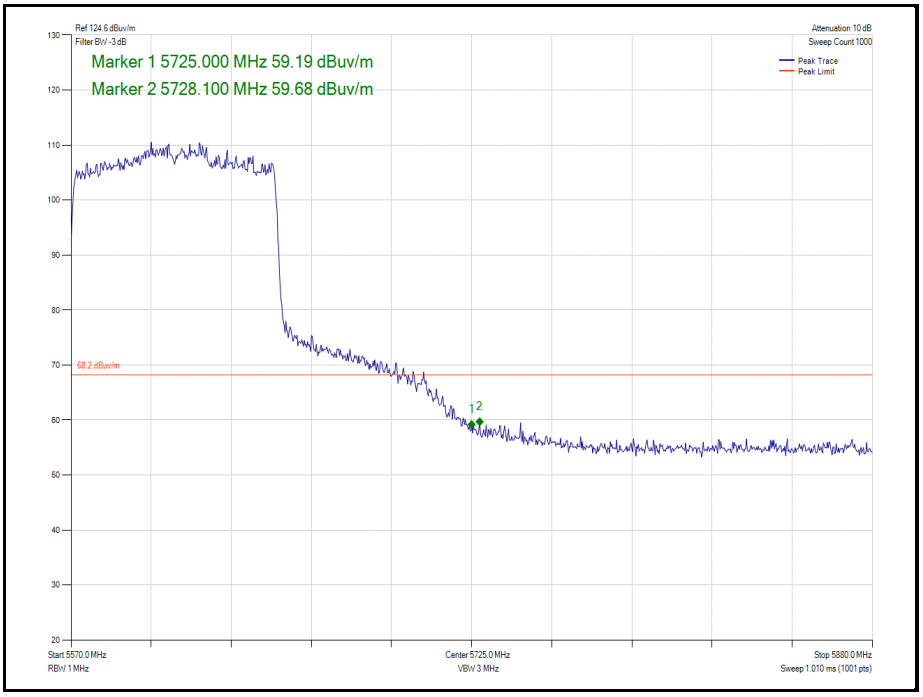

Figure 82 - 802.11ax HE80 SDM, Cores 0-1, SU - 5610 MHz Band Edge Frequency 5725 MHz

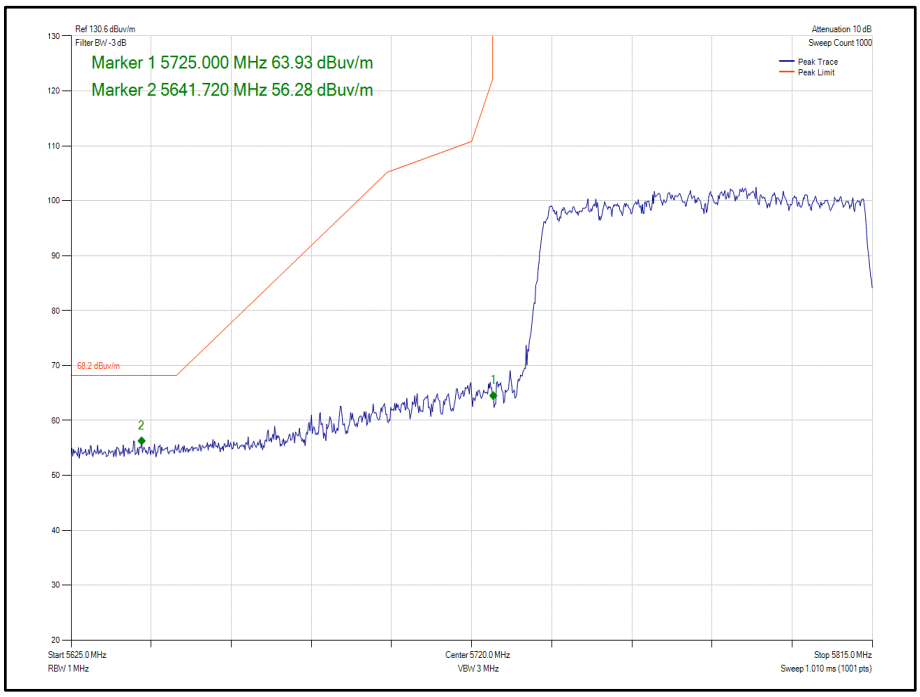

Figure 83 - 802.11ac VHT80 CDD, Cores 0-1 - 5775 MHz Band Edge Frequency 5725 MHz

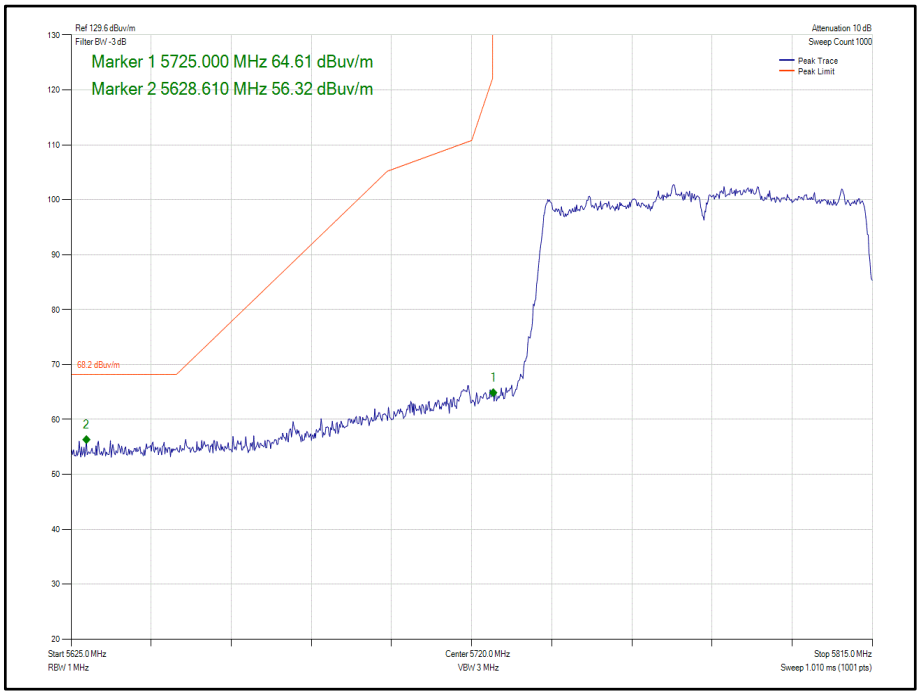

Figure 84 - 802.11ac VHT80 SDM, Cores 0-1 - 5775 MHz Band Edge Frequency 5725 MHz

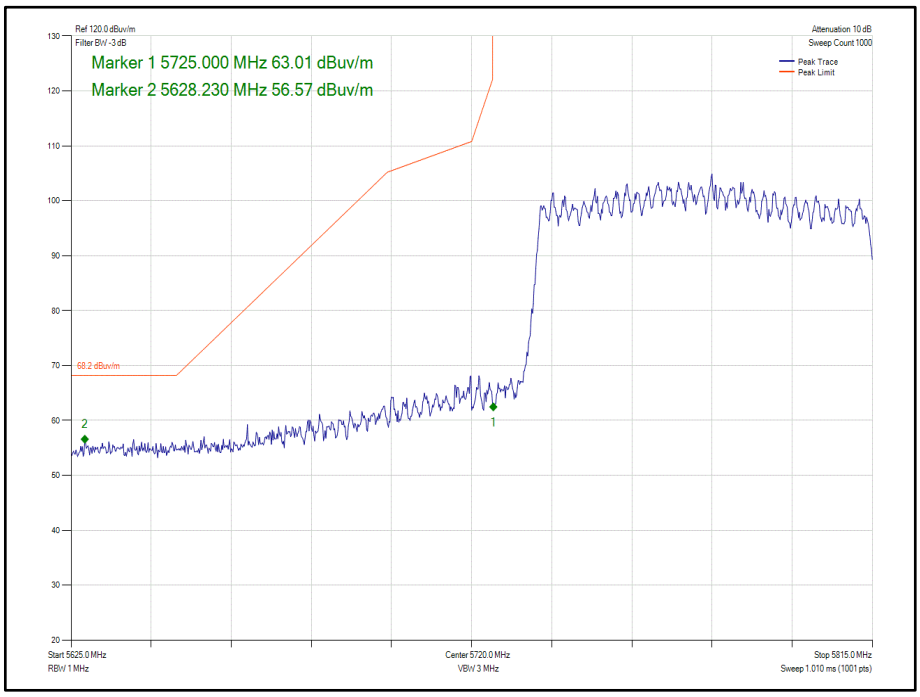

Figure 85 - 802.11ax HE80 CDD, Cores 0-1, SU - 5775 MHz Band Edge Frequency 5725 MHz

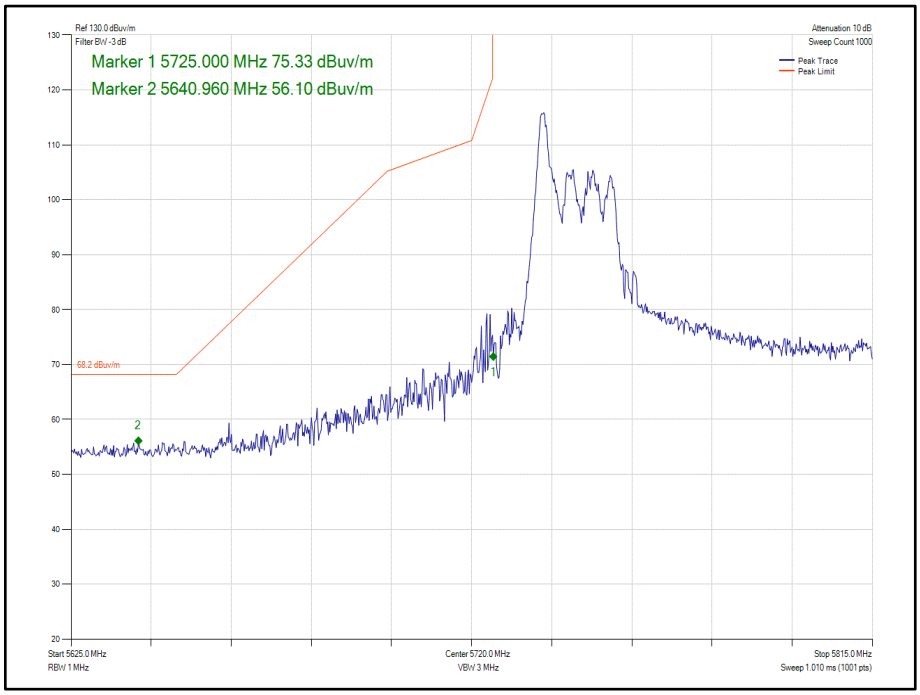

Figure 86 - 802.11ax HE80 CDD, Cores 0-1, 26-0 - 5775 MHz Band Edge Frequency 5725 MHz

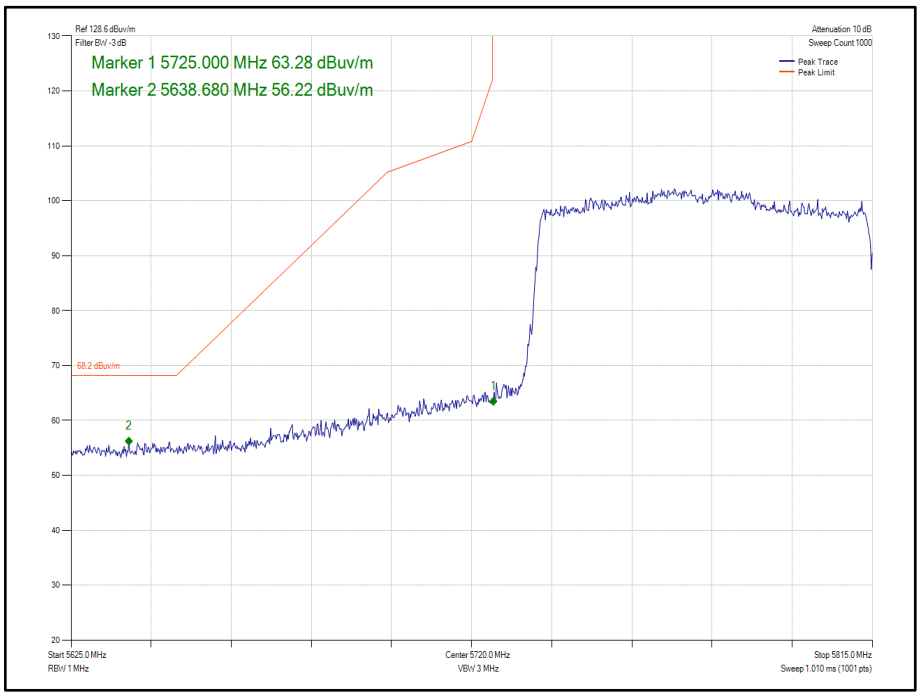

Figure 87 - 802.11ax HE80 SDM, Cores 0-1, SU - 5775 MHz Band Edge Frequency 5725 MHz

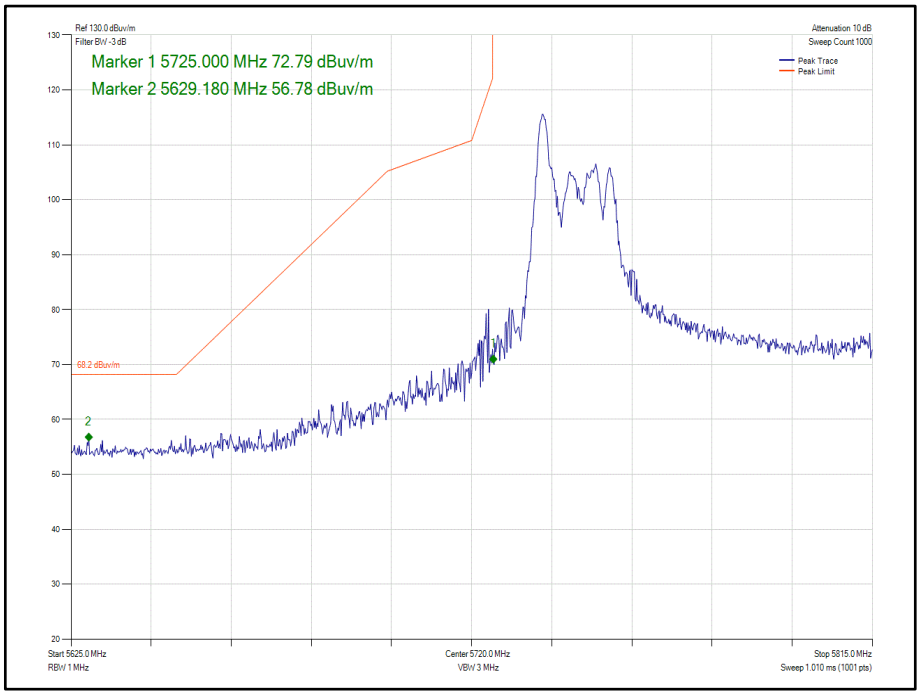

Figure 88 - 802.11ax HE80 SDM, Cores 0-1, 26-0 - 5775 MHz Band Edge Frequency 5725 MHz

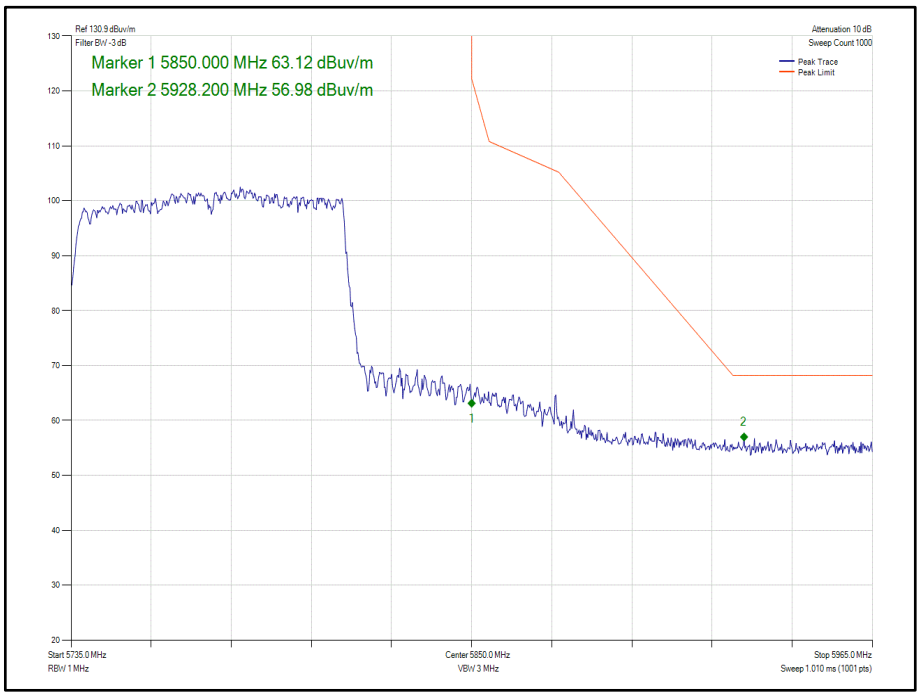

Figure 89 - 802.11ac VHT80 CDD, Cores 0-1 - 5775 MHz Band Edge Frequency 5850 MHz

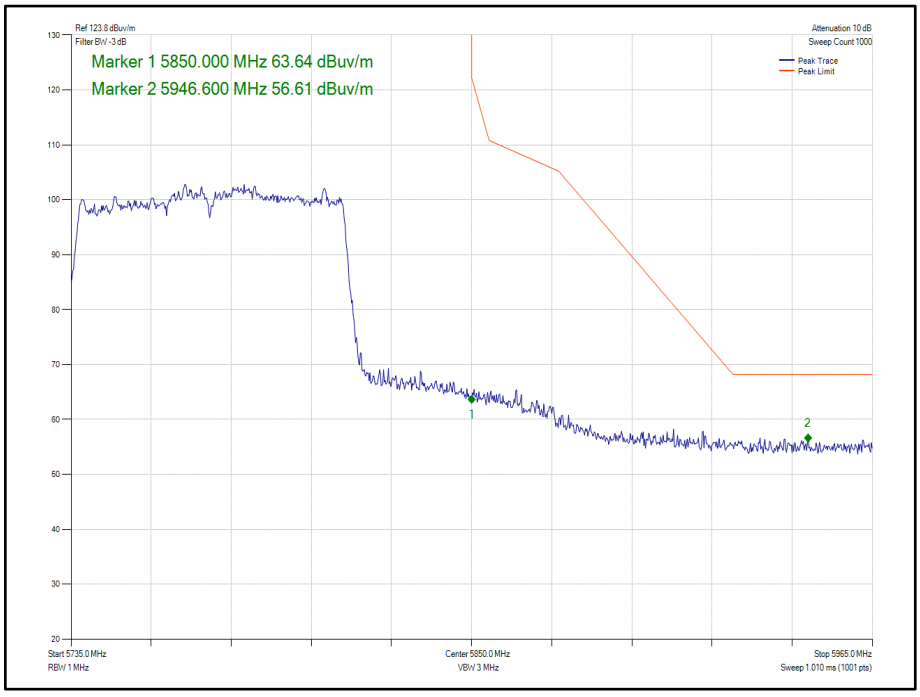

Figure 90 - 802.11ac VHT80 SDM, Cores 0-1 - 5775 MHz Band Edge Frequency 5850 MHz

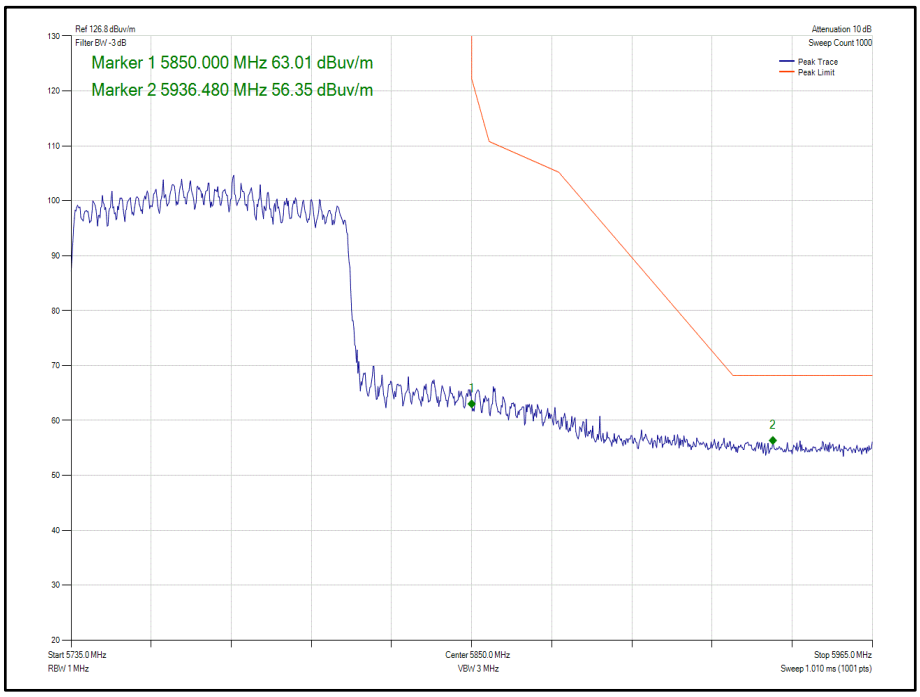

Figure 91 - 802.11ax HE80 CDD, Cores 0-1, SU - 5775 MHz Band Edge Frequency 5850 MHz

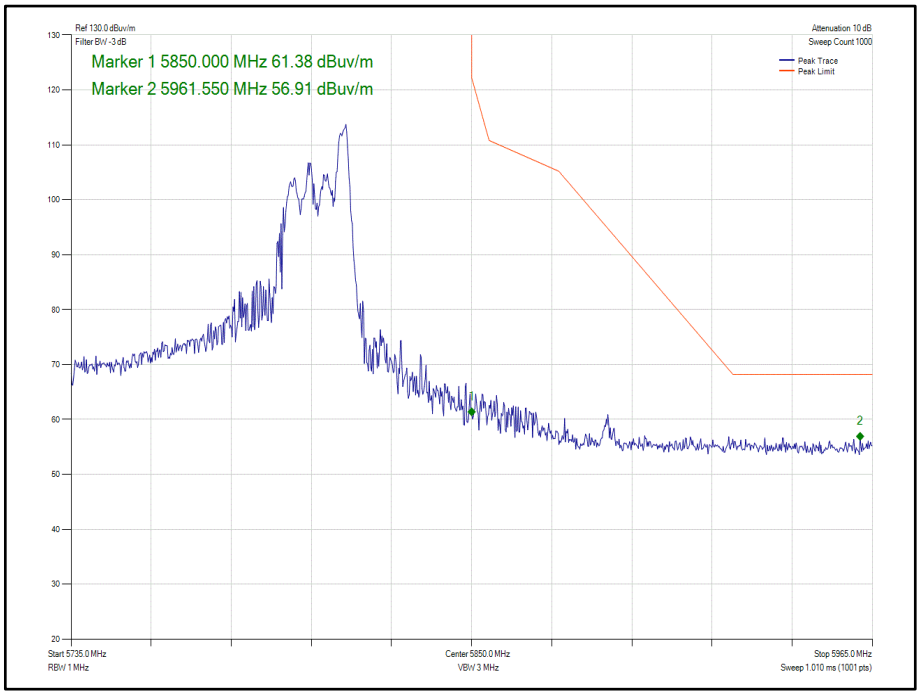

Figure 92 - 802.11ax HE80 CDD, Cores 0-1, 26-36 - 5775 MHz Band Edge Frequency 5850 MHz

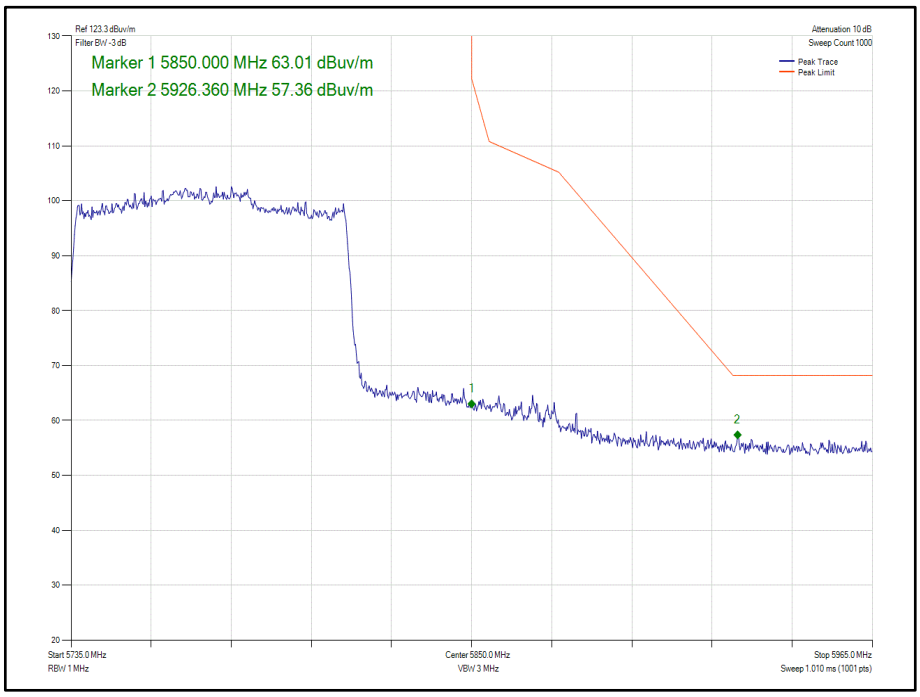

Figure 93 - 802.11ax HE80 SDM, Cores 0-1, SU - 5775 MHz Band Edge Frequency 5850 MHz

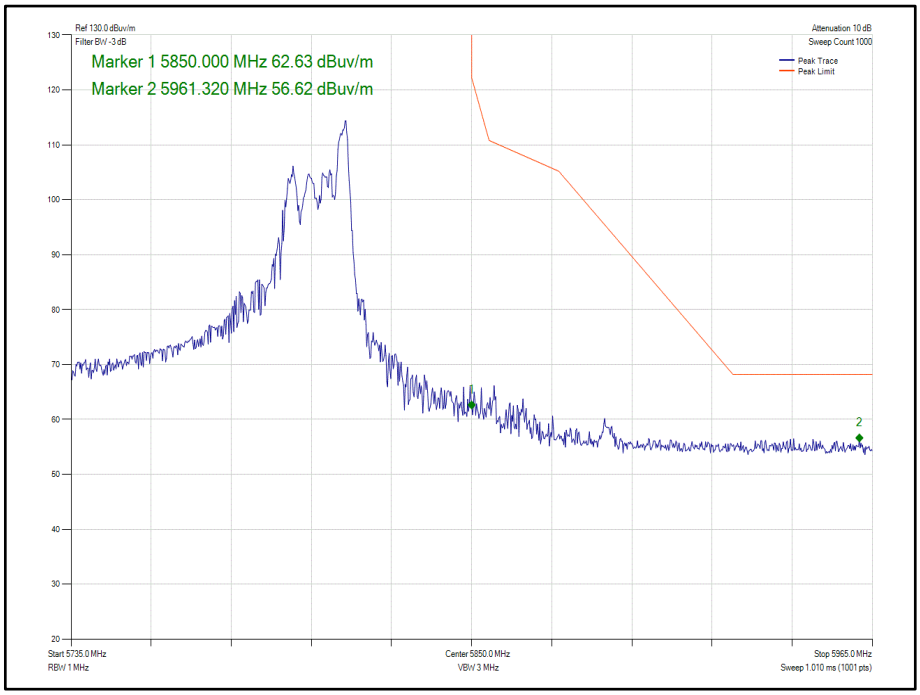

Figure 94 - 802.11ax HE80 SDM, Cores 0-1, 26-36 - 5775 MHz Band Edge Frequency 5850 MHz

FCC 47 CFR Part 15E, Limit Clause 15.407(b)(1)(2)(3)(4)

For transmitters operating in the 5.15-5.25 GHz band: ≤-27 dBm/MHz outside 5150-5350 MHz.

For transmitters operating in the 5.25-5.35 GHz band: ≤-27 dBm/MHz outside 5150-5350 MHz.

For transmitters operating in the 5.47-5.725 GHz band: ≤-27 dBm/MHz outside 5470-5725 MHz

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

ISED RSS-247, Limit Clause 6.2.1.2, 6.2.2.2, 6.2.3.2 and 6.2.4.2

For transmitters with operating frequencies in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. Any unwanted emissions that fall into the band 5250-5350 MHz shall be attenuated below the channel power by at least 26 dB.

For transmitters with operating frequencies in the bands 5250-5350 MHz and 5470-5725 MHz, all emissions outside the band 5250-5350 MHz and 5470-5725 MHz shall not exceed -27 dBm/MHz e.i.r.p.

Devices operating in the band 5725-5850 MHz shall have e.i.r.p. of unwanted emissions comply with the following:

a) 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges;

b) 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges;

c) 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and

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

2.3.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 11 & 5

Instrument	Manufacturer	Type No	TE No	Calibration Period (months)	Calibration Due
Screened Room (5)	Rainford	Rainford	1545	36	23-Jan-2021
Screened Room (11)	Rainford	Rainford	5136	36	01-Nov-2021
Turntable Controller	Inn-Co GmbH	CO 1000	1606	-	TU
DC - 12.4 GHz 10 dB Attenuator	Suhner	6810.17.A	3965	12	07-Aug-2020
Cable (Yellow, Rx, Km-Km 2m)	Scott Cables	KPS-1501-2000-KPS	4527	6	09-Jun-2020
Mast Controller	Maturo Gmbh	NCD	4810	-	TU
Tilt Antenna Mast	Maturo Gmbh	TAM 4.0-P	4811	-	TU
Double Ridge Broadband Horn Antenna	Schwarzbeck	BBHA 9120 B	4848	12	10-Mar-2021
Hygrometer	Rotronic	HP21	4989	12	02-May-2020
EMI Test Receiver	Rohde & Schwarz	ESW44	5084	12	28-Nov-2020
8m N-Type RF Cable	Teledyne	PR90-088-8MTR	5092	12	06-Dec-2020
Cable (18 GHz)	Rosenberger	LU7-071-1000	5102	12	06-Oct-2020
Cable (18 GHz)	Rosenberger	LU7-071-1000	5104	12	09-Dec-2020
Cable (18 GHz)	Rosenberger	LU7-071-2000	5107	12	06-Oct-2020
EmX Emissions Software	TUV SUD	EmX	5125	-	Software
Mast	Maturo	TAM 4.0-P	5158	-	TU
Mast and Turntable Controller	Maturo	Maturo NCD	5159	-	TU
Turntable	Maturo	TT 15WF	5160	-	TU
8 Meter Cable	Teledyne	PR90-088-8MTR	5212	12	30-Aug-2020
Horn Antenna (1-10GHz)	Schwarzbeck	BBHA 9120 B	5215	12	10-Mar-2021
EMI Test Receiver	Rohde & Schwarz	ESW44	5382	12	08-Oct-2020
Pre Amp 1 - 26.5 GHz	Agilent Technologies	8449B	5445	-	O/P Mon

Table 345

TU - Traceability Unscheduled

2.4 Restricted Band Edges

2.4.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.205
ISED RSS-GEN, Clause 8.10

2.4.2 Equipment Under Test and Modification State

A2330, S/N: C07CG081PW8X - Modification State 0
A2330, S/N: C07CG05KPW8V - Modification State 0

2.4.3 Date of Test

21-March-2020 to 26-April-2020

2.4.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 6.10.5.

Restricted band edge measurements were performed, with the device operating in SISO and MIMO, across the various modes supported by the device.

Where duty cycle corrections were required for average results, these are included in the result tables, but are not included in the plots.

Further measurements are held on file by TÜV SÜD and are available if required. TxBF modes are not reported here since they consistently gave lower band edge results than the other modes presented.

2.4.5 Environmental Conditions

Ambient Temperature	18.2 - 23.6 °C
Relative Humidity	37.6 - 49.9 %

2.4.6 Test Results

20 MHz Channel Bandwidth

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
802.11a, Core 0	6 Mbps	-	-	5180	5150	56.13	44.66
802.11n HT20, Core 0	MCS0	-	-	5180	5150	56.14	44.82
802.11ax HE20, Core 0	MCS0	SU	-	5180	5150	55.81	44.45
802.11ax HE20, Core 0	MCS0	26	0	5180	5150	56.01	43.97
802.11a, Core 0	6 Mbps	-	-	5320	5350	57.07	45.27
802.11n HT20, Core 0	MCS0	-	-	5320	5350	56.59	45.25
802.11ax HE20, Core 0	MCS0	SU	-	5320	5350	56.95	45.65
802.11a, Core 0	6 Mbps	-	-	5500	5460	57.13	45.29
802.11n HT20, Core 0	MCS0	-		5500	5460	56.43	45.19
802.11ax HE20, Core 0	MCS0	SU	-	5500	5460	56.49	45.2

Table 346 - SISO Restricted Band Edge Results

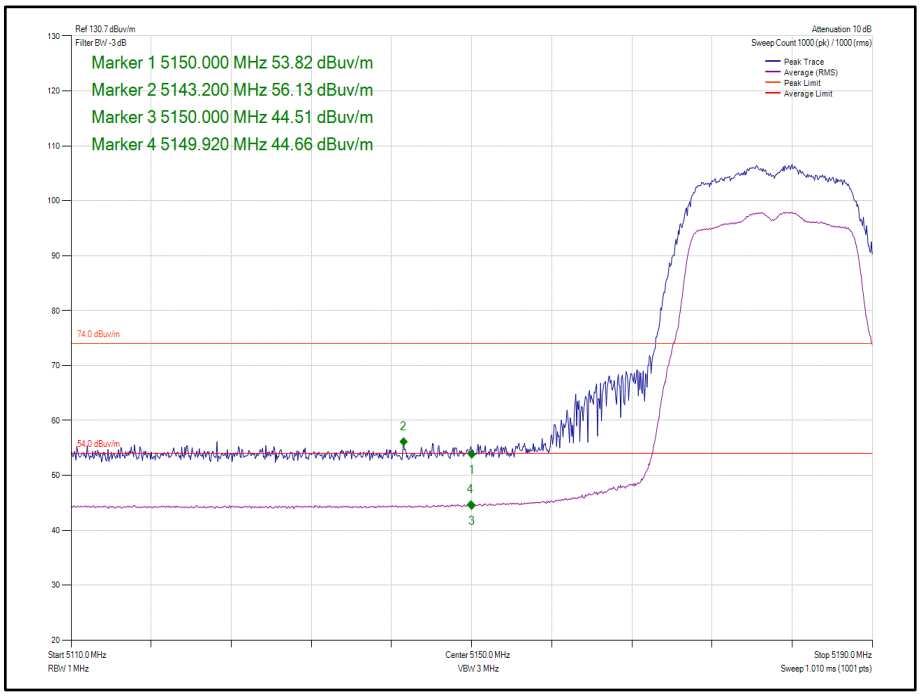

**Figure 95 - 802.11a, Core 0 - 5180 MHz,
Band Edge Frequency 5150 MHz**

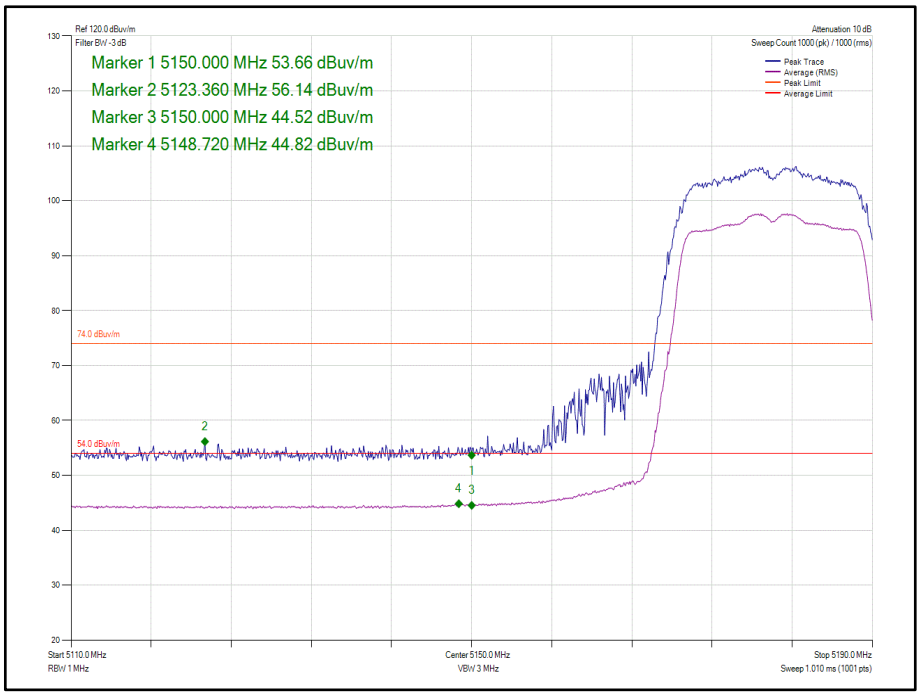

**Figure 96 - 802.11n HT20, Core 0 - 5180 MHz,
Band Edge Frequency 5150 MHz**

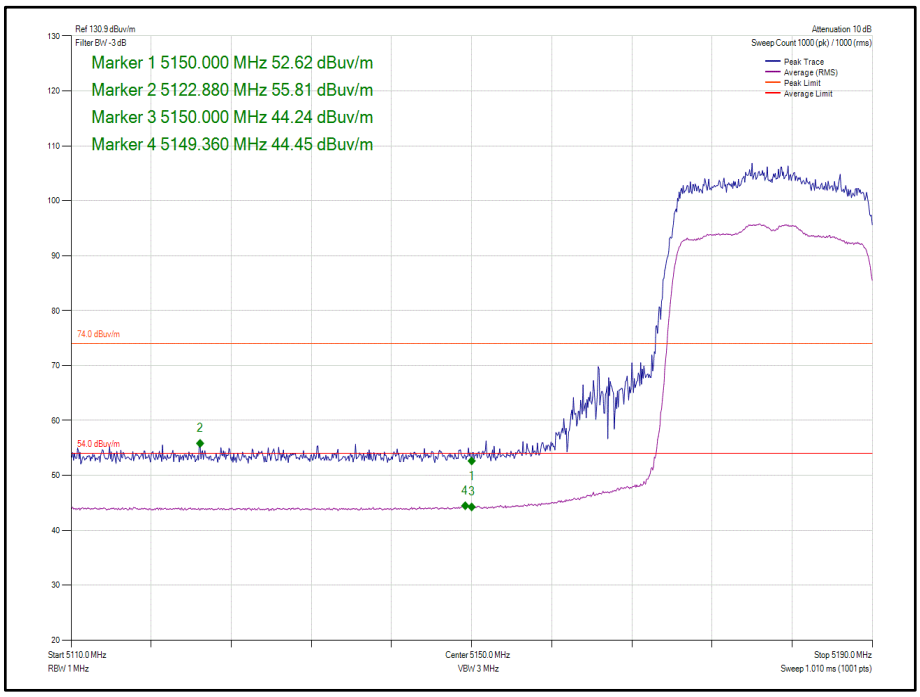

Figure 97 - 802.11ax HE20, Core 0, SU - 5180 MHz, Band Edge Frequency 5150 MHz

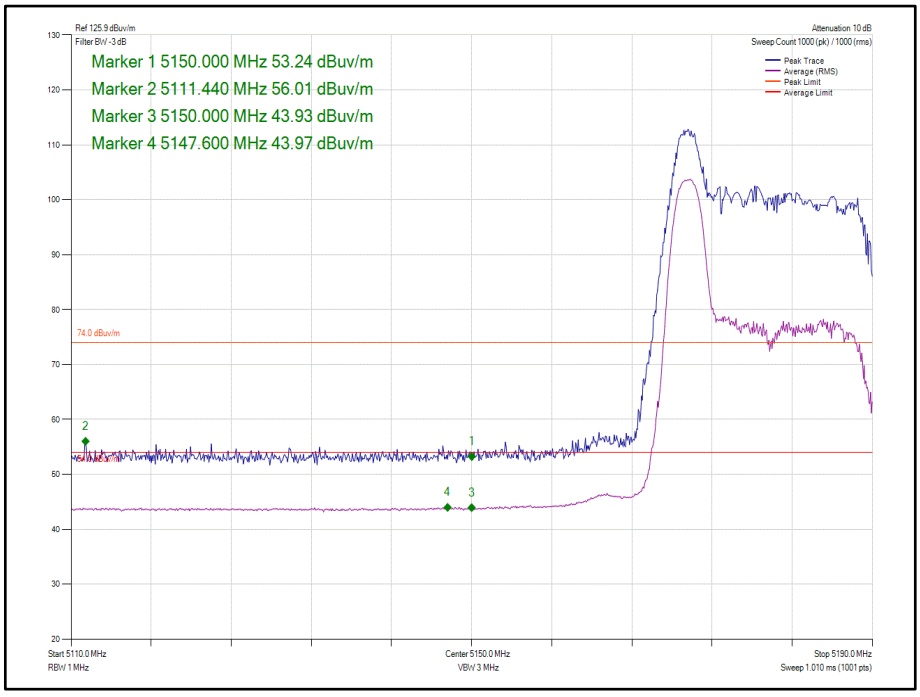

Figure 98 - 802.11ax HE20, Core 0, 26-0 - 5180 MHz, Band Edge Frequency 5150 MHz

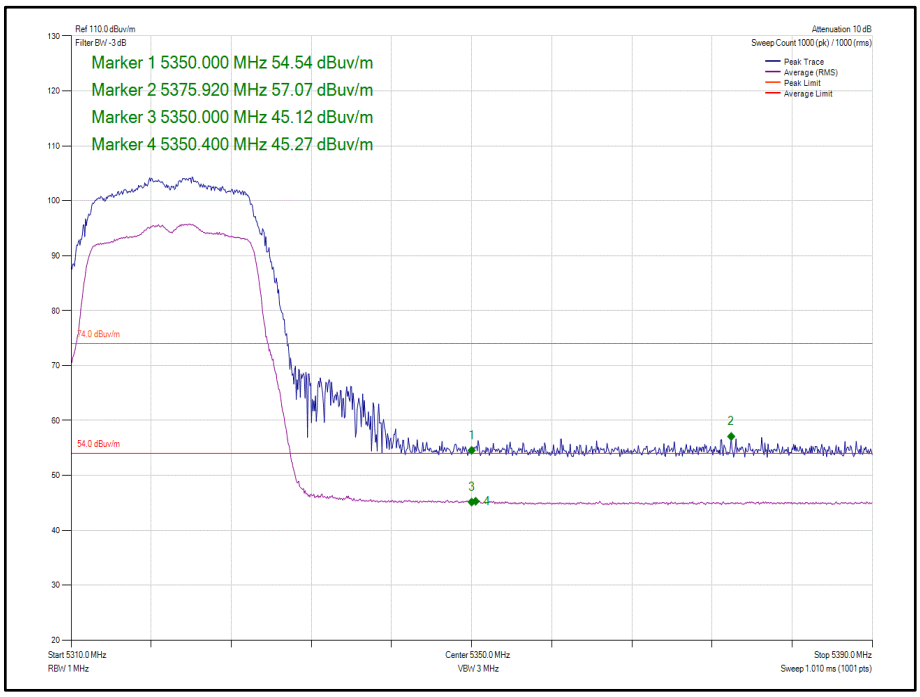

**Figure 99 - 802.11a, Core 0 - 5320 MHz,
Band Edge Frequency 5350 MHz**

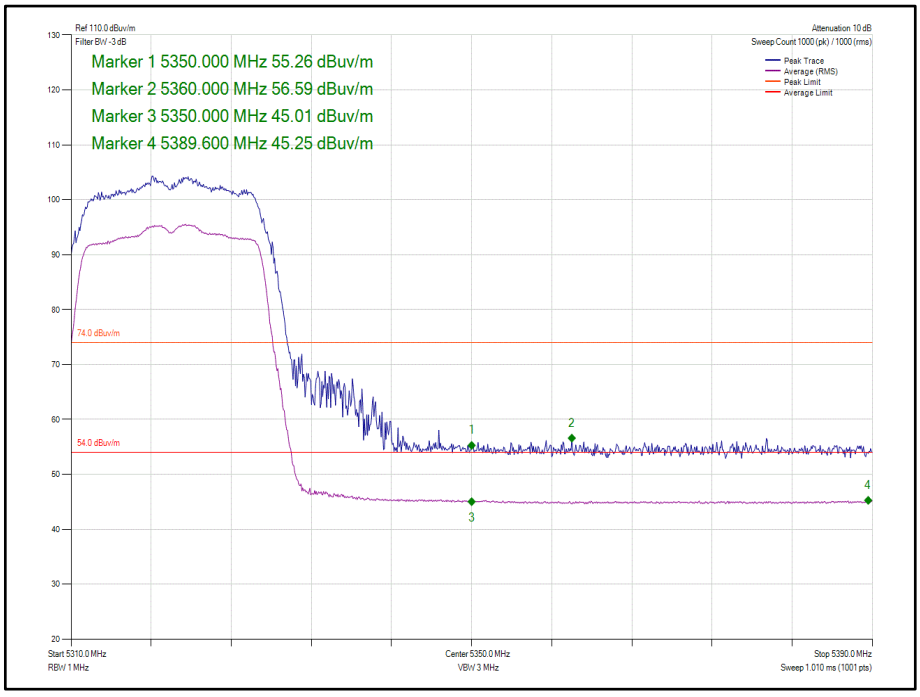

**Figure 100 - 802.11n HT20, Core 0 - 5320 MHz,
Band Edge Frequency 5350 MHz**

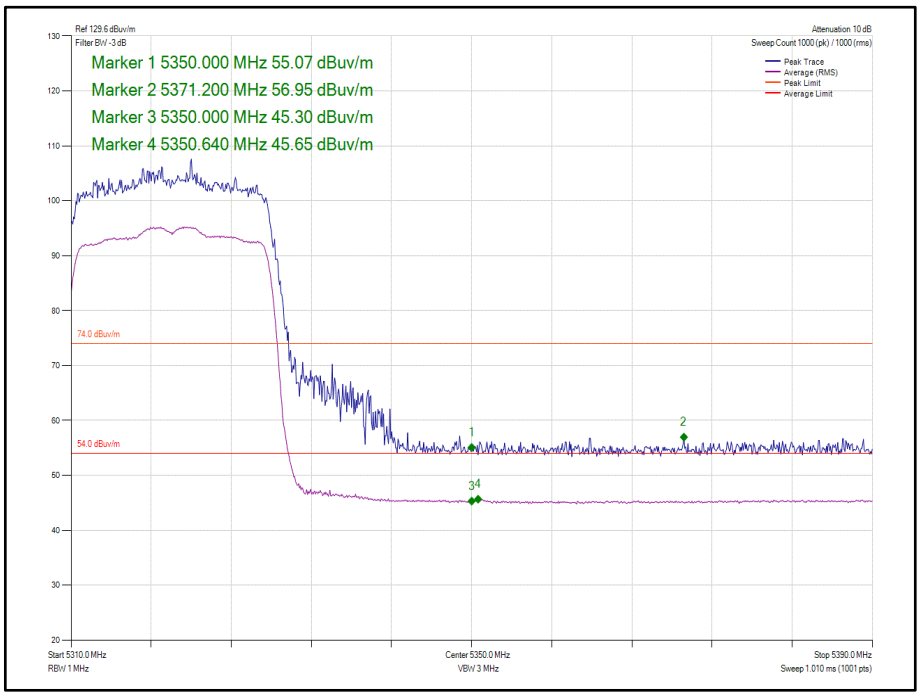

Figure 101 - 802.11ax HE20, Core 0, SU - 5320 MHz, Band Edge Frequency 5350 MHz

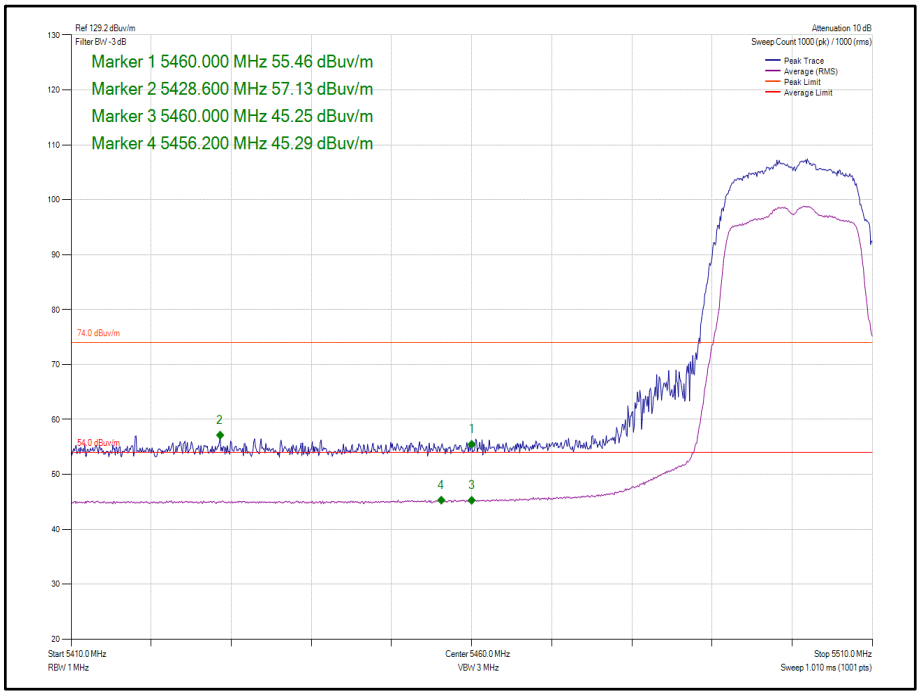

Figure 102 - 802.11a, Core 0 - 5500 MHz, Band Edge Frequency 5460 MHz

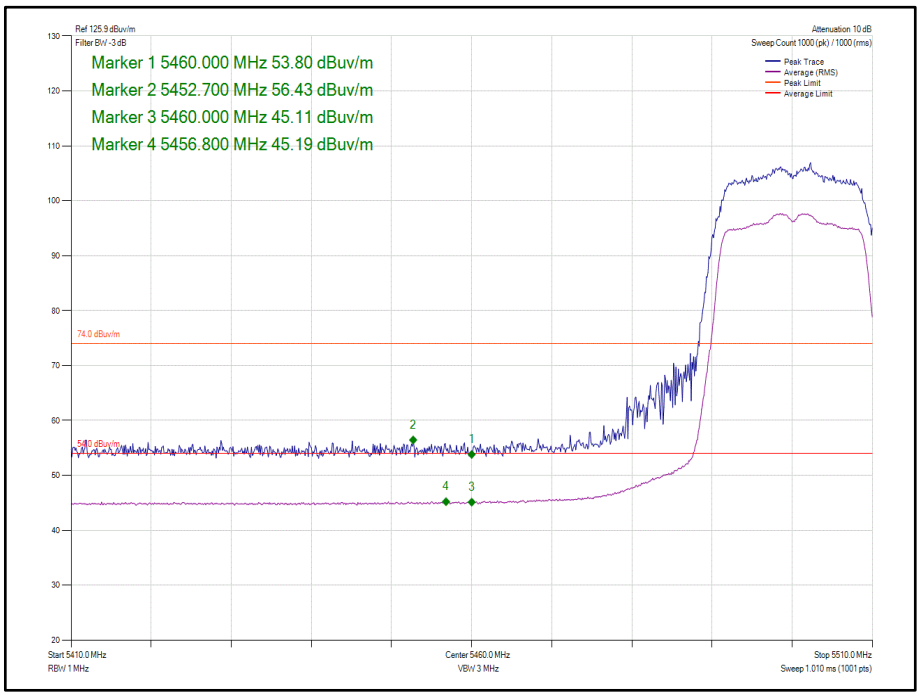

**Figure 103 - 802.11n HT20, Core 0 - 5500 MHz,
Band Edge Frequency 5460 MHz**

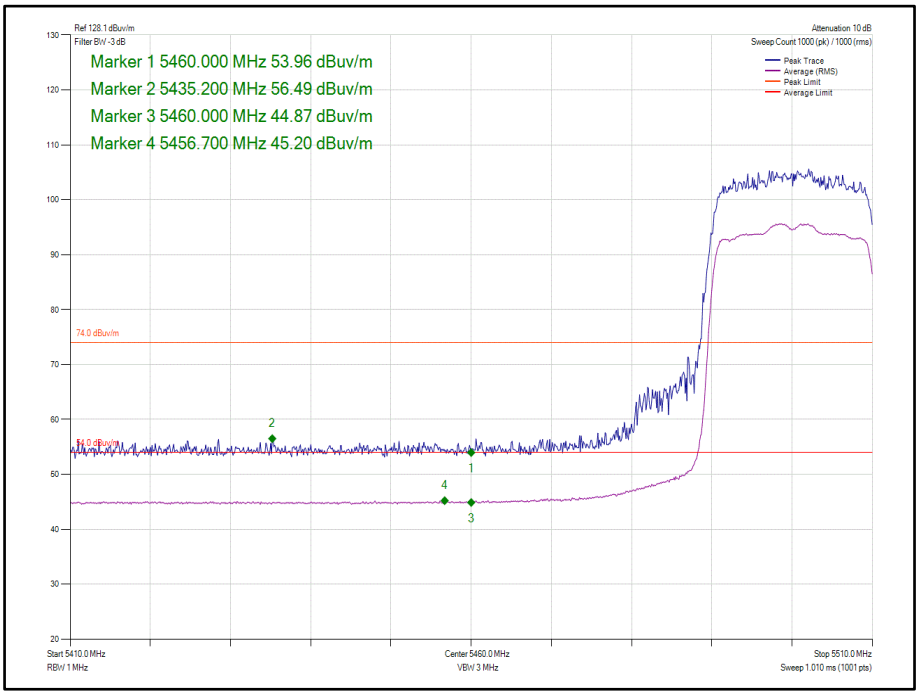

**Figure 104 - 802.11ax HE20, Core 0, SU - 5500 MHz,
Band Edge Frequency 5460 MHz**

Mode	Modulation Coding Scheme	Resource size	Resource Index	Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
802.11n HT20 CDD, Cores 0-1	MCS0	-	-	5180	5150	55.36	44.34
802.11n HT20 SDM, Cores 0-1	MCS0	-	-	5180	5150	55.79	44.51
802.11ax HE20 CDD Cores 0-1	MCS0	SU	-	5180	5150	55.02	43.95
802.11ax HE20 CDD, Cores 0-1	MCS0	26	0	5180	5150	55.19	44.22
802.11ax HE20 SDM, Cores 0-1	MCS0	SU	-	5180	5150	55.67	44.41
802.11ax HE20 SDM, Cores 0-1	MCS0	26	0	5180	5150	55.85	44.29
802.11n HT20 CDD, Cores 0-1	MCS0	-	-	5320	5350	57.67	45.72
802.11n HT20 SDM, Cores 0-1	MCS0	-	-	5320	5350	57.05	45.77
802.11ax HE20 CDD, Cores 0-1	MCS0	SU	-	5320	5350	57.16	46.08
802.11ax HE20 SDM, Cores 0-1	MCS0	SU	-	5320	5350	57.27	46.12
802.11n HT20 CDD, Cores 0-1	MCS0	-	-	5500	5460	57.06	45.54
802.11n HT20 SDM, Cores 0-1	MCS0	-	-	5500	5460	56.38	45.46
802.11ax HE20 CDD, Cores 0-1	MCS0	SU	-	5500	5460	56.89	45.28
802.11ax HE20 SDM, Cores 0-1	MCS0	SU	-	5500	5460	56.79	45.57

Table 347 - MIMO 2TX Restricted Band Edge Results

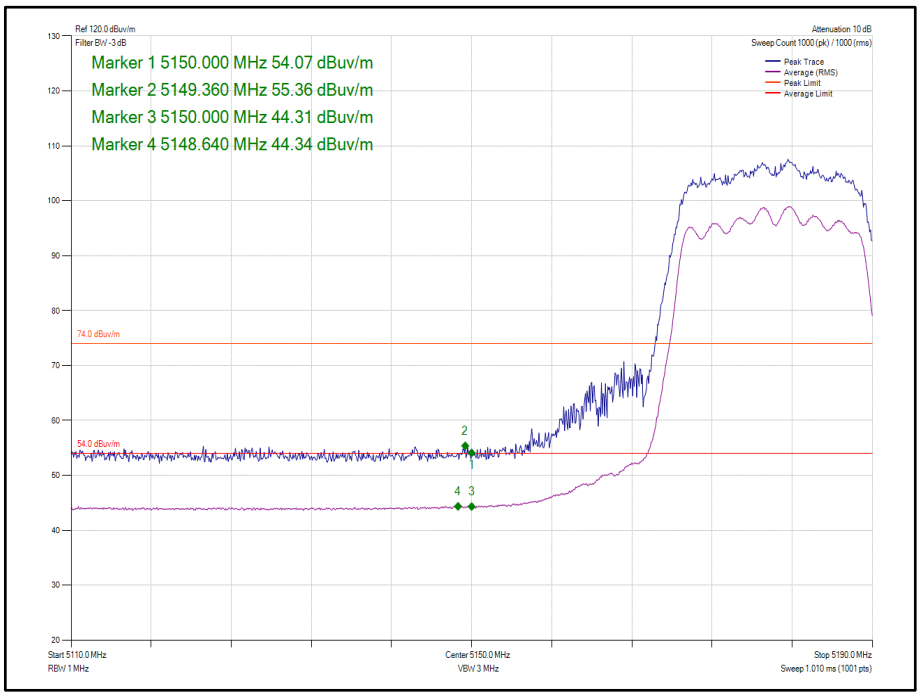

Figure 105 - 802.11n HT20 CDD, Cores 0-1 - 5180 MHz Band Edge Frequency 5150 MHz

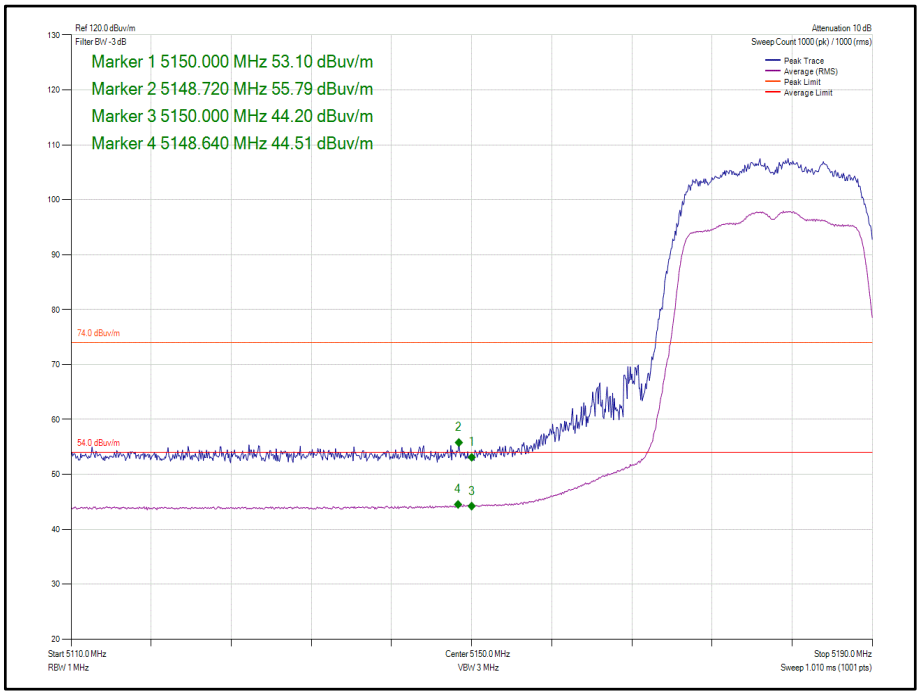

Figure 106 - 802.11n HT20 SDM, Cores 0-1 - 5180 MHz Band Edge Frequency 5150 MHz

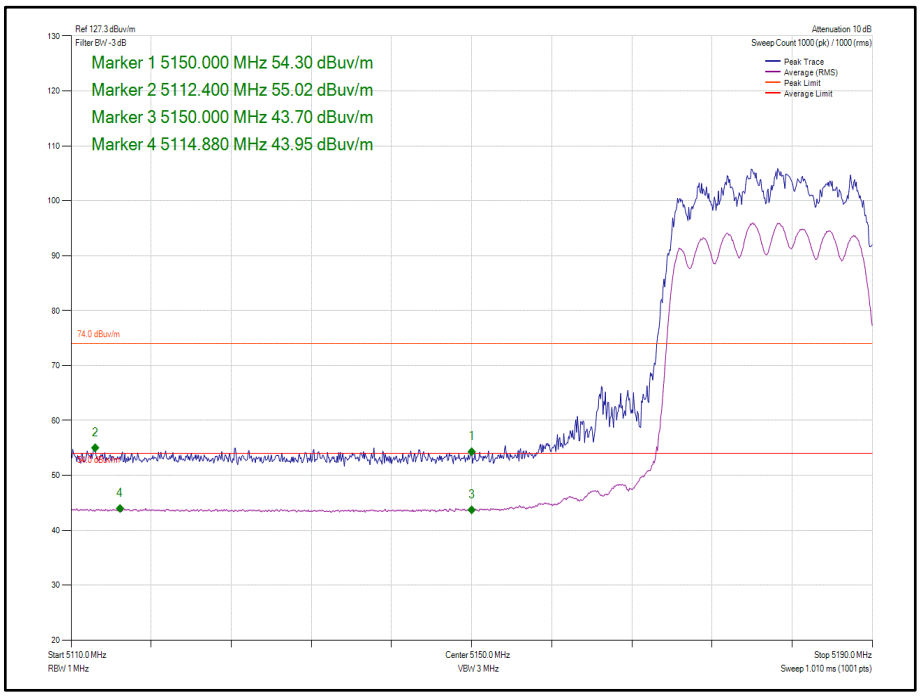

Figure 107 - 802.11ax HE20 CDD, Cores 0-1, SU - 5180 MHz Band Edge Frequency 5150 MHz

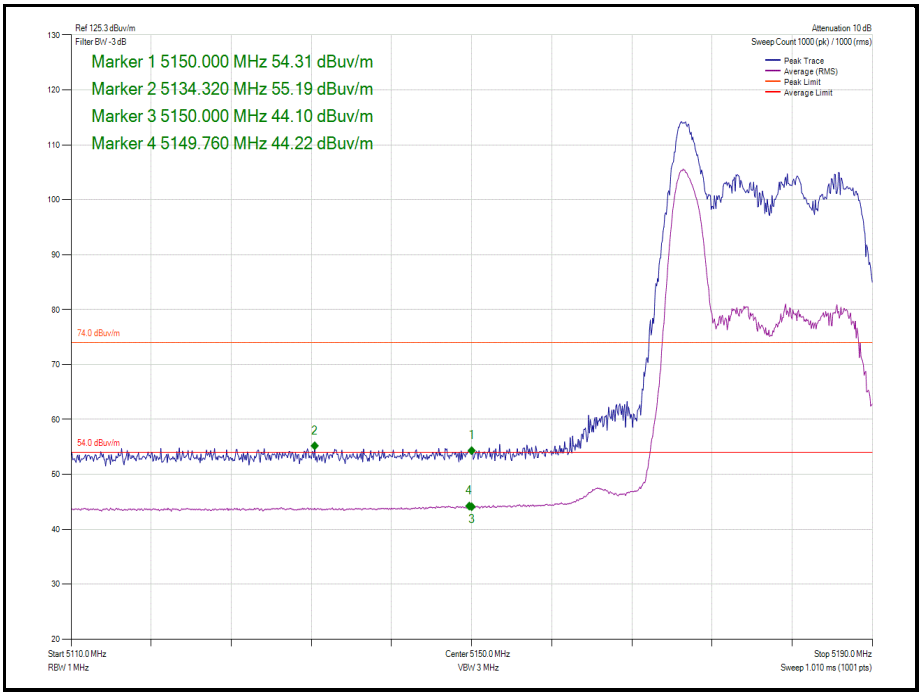

Figure 108 - 802.11ax HE20 CDD, Cores 0-1, 26-0 - 5180 MHz Band Edge Frequency 5150 MHz