

FCC and ISED Test Report

Apple Inc

Model: A2169

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: BCGA2169 IC: 579C-A2169

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Document 75946858-12 Issue 02



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NAME	JOB TITLE	RESPONSIBLE FOR	ISSUE DATE
Phil Harrison	Senior Engineer	Authorised Signatory	18 February 2021

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	18 February 2021	
Testing	Connor Lee	18 February 2021	
Testing	Mohammad Malik	18 February 2021	
Testing	Faisal Malyar	18 February 2021	
Testing	Ahmad Javid	18 February 2021	
Testing	Jaiyanth Balendrarajah	18 February 2021	
Testing	Colin Brain	18 February 2021	
Testing	Liang Tian	18 February 2021	
Testing	Daniel Cameron	18 February 2021	

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	16 February 2021
2	Typo corrected in Table 3	18 February 2021

Table 1

1.2 Introduction

Applicant	Apple Inc
Manufacturer	Apple Inc
Model Number(s)	A2169
Serial Number(s)	C07CM0EKQ4TG, C07CM0F4Q4TG, C07CL0AMQ4TG and C07TWOWSJ8WN
Hardware Version(s)	REV1.0
Software Version(s)	18J42710o
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	0540188556
Date	07-April-2020
Date of Receipt of EUT	01-June-2020 and 08-July-2020
Start of Test	14-July-2020
Finish of Test	09-February-2021
Name of Engineer(s)	George Porter, Connor Lee, Mohammad Malik, Faisal Malyar, Ahmad Javid, Jaiyanth Balendrarajah, Liang Tian, Colin Brain and Daniel Cameron
Related Document(s)	ANSI C63.10 (2013) KDB 662911 D01 v02r01 KDB 905462 D02 v02



1.3 Brief Summary of Results

A brief summary of the tests carried out in accordance with FCC 47 CFR Part 15E, ISSED RSS-247 and ISSED 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	
2.2	15.407 (a)	6.2	-	Maximum Conducted Power Spectral Density	Pass	
2.3	15.407 (b)	6.2	-	Authorised Band Edges	Pass	
2.4	15.205	-	8.10	Restricted Band Edges	Pass	
2.5	15.407 (a)	6.2		Emission Bandwidth	Pass	
2.6	15.407 (b) and 15.205	6.2	-	Spurious Radiated Emissions	Pass	
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	
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	

Table 2



1.4 Product Information

1.4.1 Technical Description

The Equipment under test (EUT) was an Apple TV Set Top Box with Bluetooth, Bluetooth Low Energy, Thread 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 802.11 radio supports Single Input/Single Output (SISO) and 2x2 MIMO (Multiple Input/Multiple Output) modes. 802.11n, ac, and ax modes support 20 MHz, 40 MHz, and 80 MHz channel bandwidths (802.11a supports 20 MHz channels only).

802.11a mode supports SISO operation only.

802.11n and ac modes support SISO, Cyclic Delay Diversity (CDD), Space Division Multiplexing (SDM), Space-Time Block Coding (STBC) and Transmit Beamforming (TxBF) configurations.

802.11ax supports SISO, CDD, and SDM modes. This includes 802.11ax Single User (SU) operation in all bands. Multi-User MIMO (MU-MIMO) modes support a Resource Unit (RU) size of 26 subcarriers for U-NII-1 and U-NII-3 bands only, and RU sizes of 52/106/242/484/996 subcarriers in all bands, where applicable based 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 change 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 (Core 0 for U-NII 1, U-NII 2A and U-NII3 and Core 1 for U-NII 2C):
 - 802.11a – 6 Mbps
 - 802.11n HT20 – MCS7
 - 802.11n HT40 – MCS7
 - 802.11ac VHT80 – MCS7x1
 - 802.11ax HE20 SU – MCS7x1
 - 802.11ax HE40 SU – MCS7x1
 - 802.11ax HE80 SU – MCS7x1
 - 802.11ax HE20 MU – MCS7x1
 - 802.11ax HE40 MU – MCS7x1
 - 802.11ax HE80 MU – MCS7x1
- 2x2 MIMO Modes (Cores 0+1):
 - 802.11n/ac ((V)HT20 - CDD (MCS7), SDM (MCS15) and TxBF (MCS7x1)
 - 802.11n/ac ((V)HT40 - CDD (MCS7), SDM (MCS15) and TxBF (MCS7x1)
 - 802.11ac VHT80 – CDD (MCS7x1), SDM (MCS7x2) and TxBF (MCS7x1)
 - 802.11ax HE20 SU – CDD (MCS7x1) and SDM (MCS7x2)
 - 802.11ax HE40 SU – CDD (MCS7x1) and SDM (MCS7x2)
 - 802.11ax HE80 SU – CDD (MCS7x1) and SDM (MCS7x2)
 - 802.11ax HE20 MU – CDD (MCS7x1) and SDM (MCS7x2)
 - 802.11ax HE40 MU – CDD (MCS7x1) and SDM (MCS7x2)
 - 802.11ax HE80 MU – CDD (MCS7x1) and SDM (MCS7x2)



802.11n HT modes were used for CDD and SDM, and 802.11ac VHT modes were used for TxBF. For 802.11ax modes, only SU modes (highest power) are reported for Output Power. For Bandwidth tests, only SU modes (widest BW) and MU-MIMO with 26 subcarriers in U-NII-3 (narrowest) are reported. For PSD, RU sizes of 26 to 106 subcarriers are reported.

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 using 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)

Antenna Port	Frequency Range (MHz)	Peak Gain (dBi)	Conducted Cable Loss (dB)
5 GHz Core 0	5150 to 5250	4.06	1.00
	5250 to 5350	4.06	1.00
	5470 to 5725	3.76	1.00
	5725 to 5850	3.98	1.00
5 GHz Core 1	5150 to 5250	3.88	1.00
	5250 to 5350	3.88	1.00
	5470 to 5725	3.95	1.00
	5725 to 5850	3.24	1.00

Table 3



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: A2169, Serial Number: C07CL0AMQ4TG			
0	As supplied by the customer	Not Applicable	Not Applicable
Model: A2169, Serial Number: C07CM0EKQ4TG			
0	As supplied by the customer	Not Applicable	Not Applicable
Model: A2169, Serial Number: C07CM0F4Q4TG			
0	As supplied by the customer	Not Applicable	Not Applicable
Model: A2169, Serial Number: C07TWOWSJ8WN			
0	As supplied by the customer	Not Applicable	Not Applicable

Table 4



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 Liang Tian	UKAS
Restricted Band Edges	Malik Mohammad, Faisal Malyar, Ahmad Javid, Jaiyanth Balendrarajah and Liang Tian	UKAS
Emission Bandwidth	George Porter	UKAS
Spurious Radiated Emissions	Connor Lee, Liang Tian and Colin Brain	UKAS
Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period	Daniel Cameron	UKAS
Configuration and Mode: 5 GHz WLAN (Client to Client)		
Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period	George Porter	UKAS

Table 5

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

A2169, S/N: C07CM0F4Q4TG - Modification State 0

2.1.3 Date of Test

17-July-2020 to 28-July-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 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).

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 2A band limit.

2.1.5 Environmental Conditions

Ambient Temperature	20.9 - 22.9 °C
Relative Humidity	41.4 - 58.9 %



2.1.6 Test Results

5 GHz WLAN

U-NII-1

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Antenna Directional Gain (dBi)	4.06	4.06	4.06
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Conducted Power (dBm)	15.25	19.91	19.95

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

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power (dBm)	14.36	14.33	14.45
Antenna Directional Gain (dBi)	4.06	4.06	4.06
RSS-247 EIRP Power Limit (dBm)	22.19	22.19	22.19
Total EIRP (dBm)	18.42	18.39	18.51

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

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Antenna Directional Gain (dBi)	4.06	4.06	4.06
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Conducted Power (dBm)	15.20	19.89	19.94

Table 8 - 802.11n / HT20 MCS7 / SISO / Core 0 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power (dBm)	14.25	14.34	14.47
Antenna Directional Gain (dBi)	4.06	4.06	4.06
RSS-247 EIRP Power Limit (dBm)	22.19	22.49	22.49
Total EIRP (dBm)	18.31	18.40	18.53

Table 9 - 802.11n / HT20 MCS7 / SISO / Core 0 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	14.96	15.93	15.92
Conducted Power Core 1 (dBm)	14.83	15.79	15.83
Antenna Directional Gain (dBi)	4.06	4.06	4.06
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Total Conducted Power (dBm)	17.91	18.87	18.89

Table 10 - 802.11n / HT20 MCS7 / MIMO CDD / Cores 0+1 / Country Code US



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	8.85	8.85	8.82
Conducted Power Core 1 (dBm)	8.84	8.93	8.77
Total Conducted Power (dBm)	11.85	11.90	11.80
Antenna Directional Gain (dBi)	4.06	4.06	4.06
RSS-247 EIRP Power Limit (dBm)	22.50	22.50	22.49
Total EIRP (dBm)	15.91	15.96	15.86

Table 11 - 802.11n / HT20 MCS7 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	14.93	16.91	16.85
Conducted Power Core 1 (dBm)	14.97	16.96	16.83
Antenna Directional Gain (dBi)	3.97	3.97	3.97
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Total Conducted Power (dBm)	17.96	19.95	19.85

Table 12 - 802.11n / HT20 MCS15 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	11.99	11.96	11.75
Conducted Power Core 1 (dBm)	11.76	11.82	11.71
Total Conducted Power (dBm)	14.89	14.90	14.74
Antenna Directional Gain (dBi)	3.97	3.97	3.97
RSS-247 EIRP Power Limit (dBm)	22.50	22.49	22.50
Total EIRP (dBm)	18.86	18.87	18.71

Table 13 - 802.11n / HT20 MCS15 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Antenna Directional Gain (dBi)	4.06	4.06	4.06
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Conducted Power (dBm)	15.44	19.94	19.89

Table 14 - 802.11ax / HE20 MCS7x1 / SU / SISO / Core 0 / Country Code US



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power (dBm)	14.19	14.39	14.38
Antenna Directional Gain (dBi)	4.06	4.06	4.06
RSS-247 EIRP Power Limit (dBm)	22.78	22.79	22.79
Total EIRP (dBm)	18.25	18.45	18.44

Table 15 - 802.11ax / HE20 MCS7x1 / SU / SISO / Core 0 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	14.66	15.95	15.88
Conducted Power Core 1 (dBm)	14.93	15.86	15.88
Antenna Directional Gain (dBi)	4.06	4.06	4.06
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Total Conducted Power (dBm)	17.81	18.91	18.89

Table 16 - 802.11ax / HE20 MCS7x1 / SU / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	8.84	8.73	8.85
Conducted Power Core 1 (dBm)	8.66	8.94	8.84
Total Conducted Power (dBm)	11.76	11.85	11.86
Antenna Directional Gain (dBi)	4.06	4.06	4.06
RSS-247 EIRP Power Limit (dBm)	22.79	22.79	22.79
Total EIRP (dBm)	15.82	15.91	15.92

Table 17 - 802.11ax / HE20 MCS7x1 / SU / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	14.84	16.76	16.83
Conducted Power Core 1 (dBm)	14.91	16.88	16.82
Antenna Directional Gain (dBi)	3.97	3.97	3.97
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
Total Conducted Power (dBm)	17.89	19.83	19.83

Table 18 - 802.11ax / HE20 MCS7x2 / SU / MIMO SDM / Cores 0+1 / Country Code US



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted Power Core 0 (dBm)	11.85	11.90	11.81
Conducted Power Core 1 (dBm)	11.78	11.79	11.97
Total Conducted Power (dBm)	14.83	14.86	14.90
Antenna Directional Gain (dBi)	3.97	3.97	3.97
RSS-247 EIRP Power Limit (dBm)	22.79	22.79	22.78
Total EIRP (dBm)	18.80	18.83	18.87

Table 19 - 802.11ax / HE20 MCS7x2 / SU / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Antenna Directional Gain (dBi)	4.06	4.06
15.407 Conducted Power Limit (dBm)	24.00	24.00
Conducted Power (dBm)	14.83	19.74

Table 20 - 802.11n / HT40 MCS7 / SISO / Core 0 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power (dBm)	14.84	17.16
Antenna Directional Gain (dBi)	4.06	4.06
RSS-247 EIRP Power Limit (dBm)	23.00	23.00
Total EIRP (dBm)	18.90	21.22

Table 21 - 802.11n / HT40 MCS7 / SISO / Core 0 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	14.29	18.82
Conducted Power Core 1 (dBm)	14.35	18.98
Antenna Directional Gain (dBi)	4.06	4.06
15.407 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	17.33	21.91

Table 22 - 802.11n / HT40 MCS7 / MIMO CDD / Cores 0+1 / Country Code US



Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	11.40	11.33
Conducted Power Core 1 (dBm)	11.45	11.26
Total Conducted Power (dBm)	14.44	14.30
Antenna Directional Gain (dBi)	4.06	4.06
RSS-247 EIRP Power Limit (dBm)	23.00	23.00
Total EIRP (dBm)	18.50	18.36

Table 23 - 802.11n / HT40 MCS7 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	14.34	19.49
Conducted Power Core 1 (dBm)	14.36	19.36
Antenna Directional Gain (dBi)	3.97	3.97
15.407 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	17.36	22.44

Table 24 - 802.11n / HT40 MCS15 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	14.36	14.30
Conducted Power Core 1 (dBm)	14.37	14.39
Total Conducted Power (dBm)	17.38	17.36
Antenna Directional Gain (dBi)	3.97	3.97
RSS-247 EIRP Power Limit (dBm)	23.00	23.00
Total EIRP (dBm)	21.35	21.33

Table 25 - 802.11n / HT40 MCS15 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Antenna Directional Gain (dBi)	4.06	4.06
15.407 Conducted Power Limit (dBm)	24.00	24.00
Conducted Power (dBm)	14.81	19.72

Table 26 - 802.11ax / HE40 MCS7x1 / SU / SISO / Core 0 / Country Code US



Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power (dBm)	14.79	17.36
Antenna Directional Gain (dBi)	4.06	4.06
RSS-247 EIRP Power Limit (dBm)	23.00	23.00
Total EIRP (dBm)	18.85	21.42

Table 27 - 802.11ax / HE40 MCS7x1 / SU / SISO / Core 0 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	14.40	18.93
Conducted Power Core 1 (dBm)	14.36	18.86
Antenna Directional Gain (dBi)	4.06	4.06
15.407 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	17.39	21.91

Table 28 - 802.11ax / HE40 MCS7x1 / SU / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	11.48	11.50
Conducted Power Core 1 (dBm)	11.23	11.32
Total Conducted Power (dBm)	14.37	14.42
Antenna Directional Gain (dBi)	4.06	4.06
RSS-247 EIRP Power Limit (dBm)	23.00	23.00
Total EIRP (dBm)	18.43	18.48

Table 29 - 802.11ax / HE40 MCS7x1 / SU / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	14.42	19.34
Conducted Power Core 1 (dBm)	14.42	19.32
Antenna Directional Gain (dBi)	3.97	3.97
15.407 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	17.43	22.34

Table 30 - 802.11ax / HE40 MCS7x2 / SU / MIMO SDM / Cores 0+1 / Country Code US



Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted Power Core 0 (dBm)	14.44	14.42
Conducted Power Core 1 (dBm)	14.42	14.47
Total Conducted Power (dBm)	17.44	17.45
Antenna Directional Gain (dBi)	3.97	3.97
RSS-247 EIRP Power Limit (dBm)	23.00	23.00
Total EIRP (dBm)	21.41	21.43

Table 31 - 802.11ax / HE40 MCS7x2 / SU / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Antenna Directional Gain (dBi)	4.06
15.407 Conducted Power Limit (dBm)	24.00
Conducted Power (dBm)	15.00

Table 32 - 802.11ac / VHT80 MCS7x1 / SISO / Core 0 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted Power (dBm)	14.74
Antenna Directional Gain (dBi)	4.06
RSS-247 EIRP Power Limit (dBm)	23.00
Total EIRP (dBm)	18.80

Table 33 - 802.11ac / VHT80 MCS7x1 / SISO / Core 0 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	13.26
Conducted Power Core 1 (dBm)	13.27
Antenna Directional Gain (dBi)	4.06
15.407 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	16.28

Table 34 - 802.11ac / VHT80 MCS7x1 / MIMO CDD / Cores 0+1 / Country Code US



Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	13.17
Conducted Power Core 1 (dBm)	13.28
Total Conducted Power (dBm)	16.24
Antenna Directional Gain (dBi)	4.06
RSS-247 EIRP Power Limit (dBm)	23.00
Total EIRP (dBm)	20.30

Table 35 - 802.11ac / VHT80 MCS7x1 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	13.20
Conducted Power Core 1 (dBm)	13.29
Antenna Directional Gain (dBi)	3.97
15.407 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	16.26

Table 36 - 802.11ac / VHT80 MCS7x2 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	13.19
Conducted Power Core 1 (dBm)	13.31
Total Conducted Power (dBm)	16.26
Antenna Directional Gain (dBi)	3.97
RSS-247 EIRP Power Limit (dBm)	23.00
Total EIRP (dBm)	20.23

Table 37 - 802.11ac / VHT80 MCS7x2 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Antenna Directional Gain (dBi)	4.06
15.407 Conducted Power Limit (dBm)	24.00
Conducted Power (dBm)	14.92

Table 38 - 802.11ax / HE80 MCS7x1 / SU / SISO / Core 0 / Country Code US



Channel	Middle
Frequency (MHz)	5210
Conducted Power (dBm)	14.92
Antenna Directional Gain (dBi)	4.06
RSS-247 EIRP Power Limit (dBm)	23.00
Total EIRP (dBm)	18.98

Table 39 - 802.11ax / HE80 MCS7x1 / SU / SISO / Core 0 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	13.34
Conducted Power Core 1 (dBm)	13.36
Antenna Directional Gain (dBi)	4.06
15.407 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	16.36

Table 40 - 802.11ax / HE80 MCS7x1 / SU / MIMO CDD / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	13.24
Conducted Power Core 1 (dBm)	13.36
Total Conducted Power (dBm)	16.31
Antenna Directional Gain (dBi)	4.06
RSS-247 EIRP Power Limit (dBm)	23.00
Total EIRP (dBm)	20.37

Table 41 - 802.11ax / HE80 MCS7x1 / SU / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	13.31
Conducted Power Core 1 (dBm)	13.42
Antenna Directional Gain (dBi)	3.97
15.407 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	16.38

Table 42 - 802.11ax / HE80 MCS7x2 / SU / MIMO SDM / Cores 0+1 / Country Code US



Channel	Middle
Frequency (MHz)	5210
Conducted Power Core 0 (dBm)	13.24
Conducted Power Core 1 (dBm)	13.41
Total Conducted Power (dBm)	16.33
Antenna Directional Gain (dBi)	3.97
RSS-247 EIRP Power Limit (dBm)	23.00
Total EIRP (dBm)	20.30

Table 43 - 802.11ax / HE80 MCS7x2 / SU / MIMO SDM / Cores 0+1 / Country Code CA



U-NII-2A

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Antenna Directional Gain (dBi)	4.06	4.06	4.06
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	23.19	23.20	23.20
Conducted Power (dBm)	19.86	19.89	15.68
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	29.19	29.20	29.20
EIRP Power (dBm)	23.92	23.95	19.74

Table 44 - 802.11a / 6 Mbps / SISO / Core 0

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Antenna Directional Gain (dBi)	4.06	4.06	4.06
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	23.50	23.50	23.50
Conducted Power (dBm)	19.96	19.88	15.81
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	29.50	29.50	29.50
EIRP Power (dBm)	24.02	23.94	19.87

Table 45 - 802.11n / HT20 MCS7 / SISO / Core 0

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted Power Core 0 (dBm)	15.83	15.68	14.34
Conducted Power Core 1 (dBm)	15.98	15.86	14.27
Antenna Directional Gain (dBi)	4.06	4.06	4.06
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	23.50	23.50	23.50
Total Conducted Power (dBm)	18.92	18.78	17.32
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	29.50	29.50	29.50
EIRP Power (dBm)	22.98	22.84	21.38

Table 46 - 802.11n / HT20 MCS7 / MIMO CDD / Cores 0+1



Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted Power Core 0 (dBm)	16.70	16.74	14.30
Conducted Power Core 1 (dBm)	16.92	16.80	14.30
Antenna Directional Gain (dBi)	3.97	3.97	3.97
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	23.51	23.50	23.50
Total Conducted Power (dBm)	19.83	19.78	17.31
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	29.51	29.50	29.50
EIRP Power (dBm)	23.80	23.75	21.28

Table 47 - 802.11n / HT20 MCS15 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Antenna Directional Gain (dBi)	4.06	4.06	4.06
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	23.80	23.79	23.79
Conducted Power (dBm)	19.98	19.96	15.94
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	29.80	29.79	29.79
EIRP Power (dBm)	24.04	24.02	20.00

Table 48 - 802.11ax / HE20 MCS7x1 / SU / SISO / Core 0

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted Power Core 0 (dBm)	15.89	15.98	14.36
Conducted Power Core 1 (dBm)	15.94	15.81	14.19
Antenna Directional Gain (dBi)	4.06	4.06	4.06
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	23.79	23.79	23.79
Total Conducted Power (dBm)	18.93	18.91	17.29
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	29.79	29.79	29.79
EIRP Power (dBm)	22.99	22.97	21.35

Table 49 - 802.11ax / HE20 MCS7x1 / SU / MIMO CDD / Cores 0+1



Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted Power Core 0 (dBm)	16.69	16.97	14.29
Conducted Power Core 1 (dBm)	16.72	16.92	14.20
Antenna Directional Gain (dBi)	3.97	3.97	3.97
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	23.79	23.78	23.79
Total Conducted Power (dBm)	19.71	19.95	17.26
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	29.79	29.78	29.79
EIRP Power (dBm)	23.68	23.93	21.23

Table 50 - 802.11ax / HE20 MCS7x2 / SU / MIMO SDM / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Antenna Directional Gain (dBi)	4.06	4.06
15.407 Conducted Power Limit (dBm)	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00
Conducted Power (dBm)	19.82	14.86
15.407 TPC EIRP Limit (dBm)	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00
EIRP Power (dBm)	23.88	18.92

Table 51 - 802.11n / HT40 MCS7 / SISO / Core 0

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted Power Core 0 (dBm)	18.84	13.83
Conducted Power Core 1 (dBm)	18.95	13.88
Antenna Directional Gain (dBi)	4.06	4.06
15.407 Conducted Power Limit (dBm)	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	21.91	16.87
15.407 TPC EIRP Limit (dBm)	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00
EIRP Power (dBm)	25.97	20.93

Table 52 - 802.11n / HT40 MCS7 / MIMO CDD / Cores 0+1



Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted Power Core 0 (dBm)	19.37	13.90
Conducted Power Core 1 (dBm)	19.38	13.84
Antenna Directional Gain (dBi)	3.97	3.97
15.407 Conducted Power Limit (dBm)	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	22.38	16.88
15.407 TPC EIRP Limit (dBm)	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00
EIRP Power (dBm)	26.36	20.85

Table 53 - 802.11n / HT40 MCS15 / MIMO SDM / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Antenna Directional Gain (dBi)	4.06	4.06
15.407 Conducted Power Limit (dBm)	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00
Conducted Power (dBm)	19.82	14.82
15.407 TPC EIRP Limit (dBm)	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00
EIRP Power (dBm)	23.88	18.88

Table 54 - 802.11ax / HE40 MCS7x1 / SU / SISO / Core 0

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted Power Core 0 (dBm)	18.79	13.98
Conducted Power Core 1 (dBm)	18.98	13.79
Antenna Directional Gain (dBi)	4.06	4.06
15.407 Conducted Power Limit (dBm)	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	21.90	16.90
15.407 TPC EIRP Limit (dBm)	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00
EIRP Power (dBm)	25.96	20.96

Table 55 - 802.11ax / HE40 MCS7x1 / SU / MIMO CDD / Cores 0+1



Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted Power Core 0 (dBm)	19.43	13.99
Conducted Power Core 1 (dBm)	19.38	13.85
Antenna Directional Gain (dBi)	3.97	3.97
15.407 Conducted Power Limit (dBm)	24.00	24.00
RSS-247 Conducted Power Limit (dBm)	24.00	24.00
Total Conducted Power (dBm)	22.42	16.93
15.407 TPC EIRP Limit (dBm)	30.00	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00	30.00
EIRP Power (dBm)	26.39	20.90

Table 56 - 802.11ax / HE40 MCS7x2 / SU / MIMO SDM / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
Antenna Directional Gain (dBi)	4.06
15.407 Conducted Power Limit (dBm)	24.00
RSS-247 Conducted Power Limit (dBm)	24.00
Conducted Power (dBm)	14.84
15.407 TPC EIRP Limit (dBm)	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00
EIRP Power (dBm)	18.90

Table 57 - 802.11ac / VHT80 MCS7x1 / SISO / Core 0

Channel	Middle
Frequency (MHz)	5290
Conducted Power Core 0 (dBm)	13.48
Conducted Power Core 1 (dBm)	13.42
Antenna Directional Gain (dBi)	4.06
15.407 Conducted Power Limit (dBm)	24.00
RSS-247 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	16.46
15.407 TPC EIRP Limit (dBm)	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00
EIRP Power (dBm)	20.52

Table 58 - 802.11ac / VHT80 MCS7x1 / MIMO CDD / Cores 0+1



Channel	Middle
Frequency (MHz)	5290
Conducted Power Core 0 (dBm)	13.23
Conducted Power Core 1 (dBm)	13.44
Antenna Directional Gain (dBi)	3.97
15.407 Conducted Power Limit (dBm)	24.00
RSS-247 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	16.35
15.407 TPC EIRP Limit (dBm)	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00
EIRP Power (dBm)	20.32

Table 59 - 802.11ac / VHT80 MCS7x2 / MIMO SDM / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
Antenna Directional Gain (dBi)	4.06
15.407 Conducted Power Limit (dBm)	24.00
RSS-247 Conducted Power Limit (dBm)	24.00
Conducted Power (dBm)	14.79
15.407 TPC EIRP Limit (dBm)	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00
EIRP Power (dBm)	18.85

Table 60 - 802.11ax / HE80 MCS7x1 / SU / SISO / Core 0

Channel	Middle
Frequency (MHz)	5290
Conducted Power Core 0 (dBm)	13.44
Conducted Power Core 1 (dBm)	13.48
Antenna Directional Gain (dBi)	4.06
15.407 Conducted Power Limit (dBm)	24.00
RSS-247 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	16.47
15.407 TPC EIRP Limit (dBm)	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00
EIRP Power (dBm)	20.53

Table 61 - 802.11ax / HE80 MCS7x1 / SU / MIMO CDD / Cores 0+1



Channel	Middle
Frequency (MHz)	5290
Conducted Power Core 0 (dBm)	13.47
Conducted Power Core 1 (dBm)	13.16
Antenna Directional Gain (dBi)	3.97
15.407 Conducted Power Limit (dBm)	24.00
RSS-247 Conducted Power Limit (dBm)	24.00
Total Conducted Power (dBm)	16.33
15.407 TPC EIRP Limit (dBm)	30.00
RSS-247 TPC EIRP Limit (dBm)	30.00
EIRP Power (dBm)	20.30

Table 62 - 802.11ax / HE80 MCS7x2 / SU / MIMO SDM / Cores 0+1



U-NII-2C

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00	22.95
RSS-247 Conducted Power Limit (dBm)	23.18	23.20	23.19	23.20
Conducted Power (dBm)	15.81	19.96	14.94	19.80
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	28.95
RSS-247 TPC EIRP Limit (dBm)	29.18	29.20	29.19	29.20
EIRP Power (dBm)	19.76	23.92	18.90	23.75

Table 63 - 802.11a / 6 Mbps / SISO / Core 1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00	23.37
RSS-247 Conducted Power Limit (dBm)	23.50	23.51	23.50	23.52
Conducted Power (dBm)	15.82	19.76	14.79	19.96
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	29.37
RSS-247 TPC EIRP Limit (dBm)	29.50	29.51	29.50	29.52
EIRP Power (dBm)	19.77	23.71	18.74	23.91

Table 64 - 802.11n / HT20 MCS7 / SISO / Core 1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted Power Core 0 (dBm)	15.29	15.87	14.22	15.77
Conducted Power Core 1 (dBm)	15.46	15.72	14.30	15.98
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00	22.97
RSS-247 Conducted Power Limit (dBm)	23.50	23.50	23.50	23.50
Total Conducted Power (dBm)	18.39	18.80	17.27	18.89
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	28.97
RSS-247 TPC EIRP Limit (dBm)	29.50	29.50	29.50	29.50
EIRP Power (dBm)	22.34	22.75	21.22	22.84

Table 65 - 802.11n / HT20 MCS7 / MIMO CDD / Cores 0+1



Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted Power Core 0 (dBm)	15.30	16.94	15.35	16.70
Conducted Power Core 1 (dBm)	15.44	16.87	15.38	16.72
Antenna Directional Gain (dBi)	3.86	3.86	3.86	3.86
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00	22.97
RSS-247 Conducted Power Limit (dBm)	23.50	23.50	23.50	23.49
Total Conducted Power (dBm)	18.38	19.92	18.37	19.72
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	28.97
RSS-247 TPC EIRP Limit (dBm)	29.50	29.50	29.50	29.49
EIRP Power (dBm)	22.24	23.78	22.23	23.57

Table 66 - 802.11n / HT20 MCS15 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00	23.82
RSS-247 Conducted Power Limit (dBm)	23.79	23.80	23.78	23.81
Conducted Power (dBm)	15.98	19.81	14.67	19.98
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	29.82
RSS-247 TPC EIRP Limit (dBm)	29.79	29.80	29.78	29.81
EIRP Power (dBm)	19.93	23.76	18.62	23.93

Table 67 - 802.11ax / HE20 MCS7x1 / SU / SISO / Core 1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted Power Core 0 (dBm)	15.46	15.93	13.92	15.77
Conducted Power Core 1 (dBm)	15.42	15.87	13.80	15.96
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00	23.00
RSS-247 Conducted Power Limit (dBm)	23.79	23.79	23.79	23.79
Total Conducted Power (dBm)	18.45	18.91	16.87	18.88
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	29.00
RSS-247 TPC EIRP Limit (dBm)	29.79	29.79	29.79	29.79
EIRP Power (dBm)	22.40	22.86	20.82	22.83

Table 68 - 802.11ax / HE20 MCS7x1 / SU / MIMO CDD / Cores 0+1



Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted Power Core 0 (dBm)	15.32	16.82	14.36	16.88
Conducted Power Core 1 (dBm)	15.37	16.68	14.46	16.86
Antenna Directional Gain (dBi)	3.86	3.86	3.86	3.86
15.407 Conducted Power Limit (dBm)	24.00	24.00	24.00	22.99
RSS-247 Conducted Power Limit (dBm)	23.79	23.79	23.79	23.79
Total Conducted Power (dBm)	18.36	19.76	17.42	19.88
15.407 TPC EIRP Limit (dBm)	30.00	30.00	30.00	28.99
RSS-247 TPC EIRP Limit (dBm)	29.79	29.79	29.79	29.79
EIRP Power (dBm)	22.21	23.62	21.28	23.74

Table 69 - 802.11ax / HE20 MCS7x2 / SU / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
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)	13.81	19.76	17.28	19.90
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)	17.76	23.71	21.23	23.85

Table 70 - 802.11n / HT40 MCS7 / SISO / Core 1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted Power Core 0 (dBm)	13.30	18.91	15.86	18.82
Conducted Power Core 1 (dBm)	13.32	18.73	15.73	18.83
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
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	21.83	18.81	21.84
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)	20.27	25.78	22.76	25.79

Table 71 - 802.11n / HT40 MCS7 / MIMO CDD / Cores 0+1



Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted Power Core 0 (dBm)	13.38	19.15	15.68	19.22
Conducted Power Core 1 (dBm)	13.31	19.34	15.78	19.45
Antenna Directional Gain (dBi)	3.86	3.86	3.86	3.86
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)	16.35	22.26	18.74	22.34
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)	20.21	26.12	22.60	26.20

Table 72 - 802.11n / HT40 MCS15 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
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)	13.91	19.79	17.23	19.90
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)	17.86	23.74	21.18	23.84

Table 73 - 802.11ax / HE40 MCS7x1 / SU / SISO / Core 1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted Power Core 0 (dBm)	13.47	18.73	15.73	18.93
Conducted Power Core 1 (dBm)	13.34	18.76	15.81	18.91
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
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)	16.41	21.75	18.78	21.93
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)	20.36	25.70	22.73	25.88

Table 74 - 802.11ax / HE40 MCS7x1 / SU / MIMO CDD / Cores 0+1



Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted Power Core 0 (dBm)	13.19	19.24	15.79	19.46
Conducted Power Core 1 (dBm)	13.36	19.25	15.82	19.29
Antenna Directional Gain (dBi)	3.86	3.86	3.86	3.86
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)	16.28	22.26	18.81	22.39
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)	20.14	26.11	22.67	26.24

Table 75 - 802.11ax / HE40 MCS7x2 / SU / MIMO SDM / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Antenna Directional Gain (dBi)	3.95	3.95	3.95
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)	13.84	17.85	19.89
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)	17.79	21.80	23.84

Table 76 - 802.11ac / VHT80 MCS7x1 / SISO / Core 1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted Power Core 0 (dBm)	11.99	17.88	19.87
Conducted Power Core 1 (dBm)	11.98	17.78	19.98
Antenna Directional Gain (dBi)	3.95	3.95	3.95
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)	15.00	20.84	22.93
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)	18.95	24.79	26.88

Table 77 - 802.11ac / VHT80 MCS7x1 / MIMO CDD / Cores 0+1



Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted Power Core 0 (dBm)	11.79	17.77	19.94
Conducted Power Core 1 (dBm)	11.77	17.81	19.66
Antenna Directional Gain (dBi)	3.86	3.86	3.86
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)	14.79	20.80	22.81
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)	18.65	24.66	26.67

Table 78 - 802.11ac / VHT80 MCS7x2 / MIMO SDM / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Antenna Directional Gain (dBi)	3.95	3.95	3.95
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)	13.83	17.80	19.87
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)	17.78	21.75	23.82

Table 79 - 802.11ax / HE80 MCS7x1 / SU / SISO / Core 1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted Power Core 0 (dBm)	11.96	17.82	19.76
Conducted Power Core 1 (dBm)	11.82	17.71	19.96
Antenna Directional Gain (dBi)	3.95	3.95	3.95
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)	14.90	20.78	22.87
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)	18.85	24.73	26.82

Table 80 - 802.11ax / HE80 MCS7x1 / SU / MIMO CDD / Cores 0+1



Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted Power Core 0 (dBm)	11.98	17.85	19.94
Conducted Power Core 1 (dBm)	11.82	17.72	19.98
Antenna Directional Gain (dBi)	3.86	3.86	3.86
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)	14.91	20.79	22.97
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)	18.77	24.65	26.83

Table 81 - 802.11ax / HE80 MCS7x2 / SU / MIMO SDM / Cores 0+1



U-NII-3

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Antenna Directional Gain (dBi)	3.98	3.98	3.98
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)	19.87	19.85	19.72
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)	23.85	23.83	23.70

Table 82 - 802.11n / HT20 MCS7 / SISO / Core 0

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted Power Core 0 (dBm)	19.69	19.83	19.93
Conducted Power Core 1 (dBm)	19.78	19.78	19.88
Antenna Directional Gain (dBi)	3.98	3.98	3.98
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)	22.75	22.82	22.92
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)	26.73	26.80	26.90

Table 83 - 802.11n / HT20 MCS7 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted Power Core 0 (dBm)	19.74	19.87	19.82
Conducted Power Core 1 (dBm)	19.81	19.80	19.94
Antenna Directional Gain (dBi)	3.63	3.63	3.63
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)	22.78	22.85	22.89
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)	26.41	26.47	26.51

Table 84 - 802.11n / HT20 MCS15 / MIMO SDM / Cores 0+1



Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Antenna Directional Gain (dBi)	3.98	3.98	3.98
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)	19.74	19.94	19.74
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)	23.72	23.92	23.72

Table 85 - 802.11ax / HE20 MCS7x1 / SU / SISO / Core 0

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted Power Core 0 (dBm)	19.72	19.79	19.93
Conducted Power Core 1 (dBm)	19.69	19.82	19.74
Antenna Directional Gain (dBi)	3.98	3.98	3.98
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)	22.72	22.81	22.85
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)	26.70	26.79	26.83

Table 86 - 802.11ax / HE20 MCS7x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted Power Core 0 (dBm)	19.79	19.86	19.94
Conducted Power Core 1 (dBm)	19.71	19.87	19.79
Antenna Directional Gain (dBi)	3.63	3.63	3.63
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)	22.76	22.88	22.88
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)	26.39	26.50	26.50

Table 87 - 802.11ax / HE20 MCS7x2 / SU / MIMO SDM / Cores 0+1



Channel	Bottom	Top
Frequency (MHz)	5755	5795
Antenna Directional Gain (dBi)	3.98	3.98
15.407 Conducted Power Limit (dBm)	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30.00	30.00
Conducted Power (dBm)	19.68	19.92
15.407 EIRP Limit (dBm)	36.00	36.00
RSS-247 EIRP Limit (dBm)	36.00	36.00
EIRP Power (dBm)	23.66	23.90

Table 88 - 802.11n / HT40 MCS7 / SISO / Core 0

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted Power Core 0 (dBm)	19.92	19.89
Conducted Power Core 1 (dBm)	19.91	19.90
Antenna Directional Gain (dBi)	3.98	3.98
15.407 Conducted Power Limit (dBm)	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30.00	30.00
Total Conducted Power (dBm)	22.93	22.90
15.407 EIRP Limit (dBm)	36.00	36.00
RSS-247 EIRP Limit (dBm)	36.00	36.00
EIRP Power (dBm)	26.91	26.88

Table 89 - 802.11n / HT40 MCS7 / MIMO CDD / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted Power Core 0 (dBm)	19.69	19.96
Conducted Power Core 1 (dBm)	19.97	19.72
Antenna Directional Gain (dBi)	3.63	3.63
15.407 Conducted Power Limit (dBm)	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30.00	30.00
Total Conducted Power (dBm)	22.84	22.85
15.407 EIRP Limit (dBm)	36.00	36.00
RSS-247 EIRP Limit (dBm)	36.00	36.00
EIRP Power (dBm)	26.47	26.48

Table 90 - 802.11n / HT40 MCS15 / MIMO SDM / Cores 0+1



Channel	Bottom	Top
Frequency (MHz)	5755	5795
Antenna Directional Gain (dBi)	3.98	3.98
15.407 Conducted Power Limit (dBm)	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30.00	30.00
Conducted Power (dBm)	19.95	19.92
15.407 EIRP Limit (dBm)	36.00	36.00
RSS-247 EIRP Limit (dBm)	36.00	36.00
EIRP Power (dBm)	23.93	23.90

Table 91 - 802.11ax / HE40 MCS7x1 / SU / SISO / Core 0

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted Power Core 0 (dBm)	19.79	19.89
Conducted Power Core 1 (dBm)	19.90	19.78
Antenna Directional Gain (dBi)	3.98	3.98
15.407 Conducted Power Limit (dBm)	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30.00	30.00
Total Conducted Power (dBm)	22.86	22.84
15.407 EIRP Limit (dBm)	36.00	36.00
RSS-247 EIRP Limit (dBm)	36.00	36.00
EIRP Power (dBm)	26.84	26.82

Table 92 - 802.11ax / HE40 MCS7x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted Power Core 0 (dBm)	19.81	19.91
Conducted Power Core 1 (dBm)	19.92	19.66
Antenna Directional Gain (dBi)	3.63	3.63
15.407 Conducted Power Limit (dBm)	30.00	30.00
RSS-247 Conducted Power Limit (dBm)	30.00	30.00
Total Conducted Power (dBm)	22.88	22.80
15.407 EIRP Limit (dBm)	36.00	36.00
RSS-247 EIRP Limit (dBm)	36.00	36.00
EIRP Power (dBm)	26.50	26.43

Table 93 - 802.11ax / HE40 MCS7x2 / SU / MIMO SDM / Cores 0+1



Channel	Middle
Frequency (MHz)	5775
Antenna Directional Gain (dBi)	3.98
15.407 Conducted Power Limit (dBm)	30.00
RSS-247 Conducted Power Limit (dBm)	30.00
Conducted Power (dBm)	19.80
15.407 EIRP Limit (dBm)	36.00
RSS-247 EIRP Limit (dBm)	36.00
EIRP Power (dBm)	23.78

Table 94 - 802.11ac / VHT80 MCS7x1 / SISO / Core 0

Channel	Middle
Frequency (MHz)	5775
Conducted Power Core 0 (dBm)	17.96
Conducted Power Core 1 (dBm)	17.98
Antenna Directional Gain (dBi)	3.98
15.407 Conducted Power Limit (dBm)	30.00
RSS-247 Conducted Power Limit (dBm)	30.00
Total Conducted Power (dBm)	20.98
15.407 EIRP Limit (dBm)	36.00
RSS-247 EIRP Limit (dBm)	36.00
EIRP Power (dBm)	24.96

Table 95 - 802.11ac / VHT80 MCS7x1 / MIMO CDD / Cores 0+1

Channel	Middle
Frequency (MHz)	5775
Conducted Power Core 0 (dBm)	17.95
Conducted Power Core 1 (dBm)	17.66
Antenna Directional Gain (dBi)	3.63
15.407 Conducted Power Limit (dBm)	30.00
RSS-247 Conducted Power Limit (dBm)	30.00
Total Conducted Power (dBm)	20.82
15.407 EIRP Limit (dBm)	36.00
RSS-247 EIRP Limit (dBm)	36.00
EIRP Power (dBm)	24.44

Table 96 - 802.11ac / VHT80 MCS7x2 / MIMO SDM / Cores 0+1



Channel	Middle
Frequency (MHz)	5775
Antenna Directional Gain (dBi)	3.98
15.407 Conducted Power Limit (dBm)	30.00
RSS-247 Conducted Power Limit (dBm)	30.00
Conducted Power (dBm)	19.96
15.407 EIRP Limit (dBm)	36.00
RSS-247 EIRP Limit (dBm)	36.00
EIRP Power (dBm)	23.94

Table 97 - 802.11ax / HE80 MCS7x1 / SU / SISO / Core 0

Channel	Middle
Frequency (MHz)	5775
Conducted Power Core 0 (dBm)	17.98
Conducted Power Core 1 (dBm)	17.98
Antenna Directional Gain (dBi)	3.98
15.407 Conducted Power Limit (dBm)	30.00
RSS-247 Conducted Power Limit (dBm)	30.00
Total Conducted Power (dBm)	20.99
15.407 EIRP Limit (dBm)	36.00
RSS-247 EIRP Limit (dBm)	36.00
EIRP Power (dBm)	24.97

Table 98 - 802.11ax / HE80 MCS7x1 / SU / MIMO CDD / Cores 0+1

Channel	Middle
Frequency (MHz)	5775
Conducted Power Core 0 (dBm)	17.84
Conducted Power Core 1 (dBm)	17.86
Antenna Directional Gain (dBi)	3.63
15.407 Conducted Power Limit (dBm)	30.00
RSS-247 Conducted Power Limit (dBm)	30.00
Total Conducted Power (dBm)	20.86
15.407 EIRP Limit (dBm)	36.00
RSS-247 EIRP Limit (dBm)	36.00
EIRP Power (dBm)	24.49

Table 99 - 802.11ax / HE80 MCS7x2 / SU / 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 100

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 101



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	08-Nov-2020
Multimeter	Iso-tech	IDM101	2424	12	12-Dec-2020
Hygrometer	Rotronic	I-1000	3220	12	25-Sep-2020
Network Analyser	Rohde & Schwarz	ZVA 40	3548	12	11-Dec-2020
Multimeter	Fluke	177	3813	12	09-Oct-2020
1800-6000 MHz Power Splitter	Mini-Circuits	ZN2PD-63-S+	4055	-	O/P Mon
Calibration Unit	Rohde & Schwarz	ZV-Z54	4368	12	28-Nov-2020
Frequency Standard	Spectracom	SecureSync 1200-0408-0601	4393	6	08-Nov-2020
Power splitter - 2 port	Mini-Circuits	ZN2PD-63-S+	4743	12	23-Sep-2020
EXA	Keysight Technologies	N9010B	4968	24	23-Dec-2021
Cable (40 GHz)	Rosenberger	LU1-001-500	5021	12	22-Jun-2021
Cable (18 GHz)	Rosenberger	LU7-071-1000	5096	12	22-Jun-2021
USB Power Sensor	Boonton	RTP5006	5186	12	28-Nov-2020
AC Programmable Power Supply	iTech	IT7324	5227	-	06-Feb-2020
Power Splitter, 2 way	Mini-Circuits	ZN2PD2-63-S+	5238	-	O/P Mon
3.5 mm 1m Cable	Junkosha	MWX221-01000DMS	5417	12	22-Jun-2021
3.5 mm 1m Cable	Junkosha	MWX221-01000DMS	5418	12	22-Jun-2021
Attenuator 2W 10dB DC-10GHz	Telegartner	J01156A0031	5575	-	O/P Mon
Attenuator 2W 10dB DC-10GHz	Telegartner	J01156A0031	5579	-	O/P Mon
Attenuator 2W 10dB DC-10GHz	Telegartner	J01156A0031	5580	-	O/P Mon

Table 102

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

A2169, S/N: C07CM0F4Q4TG - Modification State 0

2.2.3 Date of Test

17-July-2020 to 05-November-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 $\geq 98\%$ the spectrum analyser was set to trace (power) averaging and no duty cycle correction made (Method SA-1).

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

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

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

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

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

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

2.2.5 Environmental Conditions

Ambient Temperature	20.9 - 22.9 °C
Relative Humidity	41.4 - 58.9 %



2.2.6 Test Results

5 GHz WLAN

U-NII-1

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	3.04	7.74	8.32
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	3.04	7.74	8.32

Table 103 - 802.11a / 6 Mbps / SISO / Core 0 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	2.31	2.14	2.70
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	6.37	6.20	6.76

Table 104 - 802.11a / 6 Mbps / SISO / Core 0 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	1.22	5.82	6.54
Duty Cycle Correction (dB)	0.33	0.33	0.35
Antenna Directional Gain (dBi)	4.06	4.06	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	1.55	6.14	6.89

Table 105 - 802.11n / HT20 MCS7 / SISO / Core 0 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	0.30	0.25	0.85
Duty Cycle Correction (dB)	0.33	0.33	0.35
Antenna Directional Gain (dBi)	4.06	4.06	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.69	4.64	5.26

Table 106 - 802.11n / HT20 MCS7 / SISO / Core 0 / Country Code CA



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	1.01	2.12	2.40
Conducted PSD Core 1 (dBm/MHz)	0.87	1.70	2.31
Duty Cycle Correction (dB)	0.35	0.35	0.35
Antenna Directional Gain (dBi)	6.98	6.98	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02	10.02	10.02
Conducted PSD Result (dBm/MHz)	4.30	5.27	5.71

Table 107 - 802.11n / HT20 MCS7 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	-5.09	-5.14	-4.88
Conducted PSD Core 1 (dBm/MHz)	-4.83	-4.94	-5.02
Duty Cycle Correction (dB)	0.35	0.35	0.35
Antenna Directional Gain (dBi)	6.98	6.98	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.38	5.30	5.39

Table 108 - 802.11n / HT20 MCS7 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	0.85	2.95	3.03
Conducted PSD Core 1 (dBm/MHz)	1.05	2.87	3.13
Duty Cycle Correction (dB)	0.53	0.57	0.57
Antenna Directional Gain (dBi)	3.97	3.97	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	4.49	6.49	6.66

Table 109 - 802.11n / HT20 MCS15 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	-2.12	-2.10	-2.11
Conducted PSD Core 1 (dBm/MHz)	-2.30	-2.28	-2.07
Duty Cycle Correction (dB)	0.57	0.57	0.57
Antenna Directional Gain (dBi)	3.97	3.97	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.34	5.36	5.46

Table 110 - 802.11n / HT20 MCS15 / MIMO SDM / Cores 0+1 / Country Code CA



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	0.91	5.57	5.95
Duty Cycle Correction (dB)	0.40	0.37	0.39
Antenna Directional Gain (dBi)	4.06	4.06	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	1.31	5.94	6.34

Table 111 - 802.11ax / HE20 MCS7x1 / SU / SISO / Core 0 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	-0.20	0.11	0.39
Duty Cycle Correction (dB)	0.40	0.40	0.40
Antenna Directional Gain (dBi)	4.06	4.06	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.26	4.56	4.85

Table 112 - 802.11ax / HE20 MCS7x1 / SU / SISO / Core 0 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	5.45	5.36	5.88
Duty Cycle Correction (dB)	0.28	0.27	0.27
Antenna Directional Gain (dBi)	4.06	4.06	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	5.73	5.63	6.15

Table 113 - 802.11ax / HE20 MCS7x1 / RU 26-0 / SISO / Core 0 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	0.40	0.37	0.78
Duty Cycle Correction (dB)	0.28	0.28	0.28
Antenna Directional Gain (dBi)	4.06	4.06	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.74	4.70	5.11

Table 114 - 802.11ax / HE20 MCS7x1 / RU 26-0 / SISO / Core 0 / Country Code CA



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	5.38	5.52	5.94
Duty Cycle Correction (dB)	0.28	0.27	0.27
Antenna Directional Gain (dBi)	4.06	4.06	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	5.66	5.79	6.22

Table 115 - 802.11ax / HE20 MCS7x1 / RU 26-8 / SISO / Core 0 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	0.65	0.56	1.20
Duty Cycle Correction (dB)	0.28	0.28	0.28
Antenna Directional Gain (dBi)	4.06	4.06	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.99	4.89	5.54

Table 116 - 802.11ax / HE20 MCS7x1 / RU 26-8 / SISO / Core 0 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	5.53	5.05	5.41
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	5.53	5.05	5.41

Table 117 - 802.11ax / HE20 MCS7x1 / RU 52-37 / SISO / Core 0 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	0.47	-0.12	0.45
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.53	3.94	4.51

Table 118 - 802.11ax / HE20 MCS7x1 / RU 52-37 / SISO / Core 0 / Country Code CA



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	5.39	5.24	5.68
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	5.39	5.24	5.68

Table 119 - 802.11ax / HE20 MCS7x1 / RU 52-40 / SISO / Core 0 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	0.40	0.48	0.63
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.46	4.54	4.69

Table 120 - 802.11ax / HE20 MCS7x1 / RU 52-40 / SISO / Core 0 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	4.01	5.07	5.33
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	4.01	5.07	5.33

Table 121 - 802.11ax / HE20 MCS7x1 / RU 106-53 / SISO / Core 0 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	0.61	0.33	0.53
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.67	4.39	4.59

Table 122 - 802.11ax / HE20 MCS7x1 / RU 106-53 / SISO / Core 0 / Country Code CA



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	3.68	5.25	5.73
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	3.68	5.25	5.73

Table 123 - 802.11ax / HE20 MCS7x1 / RU 106-54 / SISO / Core 0 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Raw Conducted PSD (dBm/MHz)	0.49	0.14	0.54
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.55	4.20	4.60

Table 124 - 802.11ax / HE20 MCS7x1 / RU 106-54 / SISO / Core 0 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	0.53	1.74	1.80
Conducted PSD Core 1 (dBm/MHz)	0.49	1.95	2.01
Duty Cycle Correction (dB)	0.40	0.40	0.40
Antenna Directional Gain (dBi)	6.98	6.98	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02	10.02	10.02
Conducted PSD Result (dBm/MHz)	3.92	5.25	5.31

Table 125 - 802.11ax / HE20 MCS7x1 / SU / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	-5.32	-5.62	-5.05
Conducted PSD Core 1 (dBm/MHz)	-5.18	-5.18	-5.31
Duty Cycle Correction (dB)	0.40	0.40	0.40
Antenna Directional Gain (dBi)	6.98	6.98	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.14	5.00	5.22

Table 126 - 802.11ax / HE20 MCS7x1 / SU / MIMO CDD / Cores 0+1 / Country Code CA



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	2.44	1.79	2.54
Conducted PSD Core 1 (dBm/MHz)	1.89	1.77	2.34
Duty Cycle Correction (dB)	0.28	0.28	0.28
Antenna Directional Gain (dBi)	6.98	6.98	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02	10.02	10.02
Conducted PSD Result (dBm/MHz)	5.46	5.06	5.73

Table 127 - 802.11ax / HE20 MCS7x1 / 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)	-4.59	-4.18	-4.02
Conducted PSD Core 1 (dBm/MHz)	-3.68	-3.75	-3.91
Duty Cycle Correction (dB)	0.27	0.27	0.27
Antenna Directional Gain (dBi)	6.98	6.98	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	6.15	6.30	6.30

Table 128 - 802.11ax / HE20 MCS7x1 / 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)	2.02	2.21	2.42
Conducted PSD Core 1 (dBm/MHz)	2.14	2.31	2.47
Duty Cycle Correction (dB)	0.28	0.28	0.28
Antenna Directional Gain (dBi)	6.98	6.98	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02	10.02	10.02
Conducted PSD Result (dBm/MHz)	5.37	5.55	5.73

Table 129 - 802.11ax / HE20 MCS7x1 / 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)	-3.93	-3.78	-3.60
Conducted PSD Core 1 (dBm/MHz)	-3.42	-3.24	-3.73
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	6.32	6.49	6.33

Table 130 - 802.11ax / HE20 MCS7x1 / 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)	1.65	1.35	1.43
Conducted PSD Core 1 (dBm/MHz)	2.16	1.90	2.13
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02	10.02	10.02
Conducted PSD Result (dBm/MHz)	4.92	4.65	4.80

Table 131 - 802.11ax / HE20 MCS7x1 / RU 52-37 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	-5.44	-5.57	-5.56
Conducted PSD Core 1 (dBm/MHz)	-4.90	-5.65	-4.91
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.83	4.38	4.77

Table 132 - 802.11ax / HE20 MCS7x1 / RU 52-37 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	1.48	1.32	1.51
Conducted PSD Core 1 (dBm/MHz)	1.86	1.74	2.15
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02	10.02	10.02
Conducted PSD Result (dBm/MHz)	4.68	4.55	4.85

Table 133 - 802.11ax / HE20 MCS7x1 / RU 52-40 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	-5.43	-5.65	-5.29
Conducted PSD Core 1 (dBm/MHz)	-4.97	-5.41	-4.93
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.79	4.46	4.89

Table 134 - 802.11ax / HE20 MCS7x1 / RU 52-40 / MIMO CDD / Cores 0+1 / Country Code CA



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	2.30	1.82	1.99
Conducted PSD Core 1 (dBm/MHz)	2.50	2.28	2.42
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02	10.02	10.02
Conducted PSD Result (dBm/MHz)	5.41	5.06	5.22

Table 135 - 802.11ax / HE20 MCS7x1 / RU 106-53 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	-4.87	-5.80	-5.70
Conducted PSD Core 1 (dBm/MHz)	-4.80	-5.11	-5.08
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.16	4.55	4.61

Table 136 - 802.11ax / HE20 MCS7x1 / RU 106-53 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	1.88	1.84	1.85
Conducted PSD Core 1 (dBm/MHz)	2.32	2.24	2.56
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02	10.02	10.02
Conducted PSD Result (dBm/MHz)	5.11	5.05	5.23

Table 137 - 802.11ax / HE20 MCS7x1 / RU 106-54 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	-5.32	-5.54	-5.36
Conducted PSD Core 1 (dBm/MHz)	-4.98	-4.98	-4.67
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.85	4.74	4.99

Table 138 - 802.11ax / HE20 MCS7x1 / RU 106-54 / MIMO CDD / Cores 0+1 / Country Code CA



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	0.96	2.42	2.92
Conducted PSD Core 1 (dBm/MHz)	0.50	2.73	2.56
Duty Cycle Correction (dB)	0.56	0.56	0.56
Antenna Directional Gain (dBi)	3.97	3.97	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	4.30	6.14	6.31

Table 139 - 802.11ax / HE20 MCS7x2 / SU / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	-2.16	-2.49	-2.34
Conducted PSD Core 1 (dBm/MHz)	-2.12	-2.41	-2.29
Duty Cycle Correction (dB)	0.56	0.56	0.56
Antenna Directional Gain (dBi)	3.97	3.97	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.40	5.09	5.23

Table 140 - 802.11ax / HE20 MCS7x2 / SU / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	2.84	3.21	3.18
Conducted PSD Core 1 (dBm/MHz)	3.06	2.68	3.45
Duty Cycle Correction (dB)	0.28	0.28	0.27
Antenna Directional Gain (dBi)	3.97	3.97	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	6.23	6.24	6.59

Table 141 - 802.11ax / HE20 MCS7x2 / 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)	-2.04	-2.42	-2.13
Conducted PSD Core 1 (dBm/MHz)	-2.70	-2.32	-2.68
Duty Cycle Correction (dB)	0.28	0.28	0.28
Antenna Directional Gain (dBi)	3.97	3.97	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.90	4.88	4.86

Table 142 - 802.11ax / HE20 MCS7x2 / 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)	3.10	3.01	3.45
Conducted PSD Core 1 (dBm/MHz)	2.88	3.04	3.29
Duty Cycle Correction (dB)	0.28	0.28	0.27
Antenna Directional Gain (dBi)	3.97	3.97	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	6.28	6.31	6.65

Table 143 - 802.11ax / HE20 MCS7x2 / 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)	-2.44	-2.70	-2.22
Conducted PSD Core 1 (dBm/MHz)	-2.58	-2.54	-2.00
Duty Cycle Correction (dB)	0.28	0.28	0.28
Antenna Directional Gain (dBi)	3.97	3.97	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.75	4.64	5.15

Table 144 - 802.11ax / HE20 MCS7x2 / RU 26-8 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	2.81	2.67	2.73
Conducted PSD Core 1 (dBm/MHz)	3.22	3.29	3.48
Duty Cycle Correction (dB)	0.10	0.10	0.10
Antenna Directional Gain (dBi)	3.97	3.97	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	6.13	6.10	6.23

Table 145 - 802.11ax / HE20 MCS7x2 / RU 52-37 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	-2.69	-2.69	-2.64
Conducted PSD Core 1 (dBm/MHz)	-1.91	-2.34	-1.97
Duty Cycle Correction (dB)	0.10	0.10	0.10
Antenna Directional Gain (dBi)	3.97	3.97	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.80	4.57	4.79

Table 146 - 802.11ax / HE20 MCS7x2 / RU 52-37 / MIMO SDM / Cores 0+1 / Country Code CA



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	2.90	2.70	3.07
Conducted PSD Core 1 (dBm/MHz)	3.52	3.29	3.52
Duty Cycle Correction (dB)	0.10	0.10	0.10
Antenna Directional Gain (dBi)	3.97	3.97	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	6.33	6.11	6.41

Table 147 - 802.11ax / HE20 MCS7x2 / RU 52-40 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	-2.38	-2.73	-2.79
Conducted PSD Core 1 (dBm/MHz)	-2.20	-2.27	-1.97
Duty Cycle Correction (dB)	0.10	0.10	0.10
Antenna Directional Gain (dBi)	3.97	3.97	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.79	4.58	4.72

Table 148 - 802.11ax / HE20 MCS7x2 / RU 52-40 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	2.99	2.68	3.00
Conducted PSD Core 1 (dBm/MHz)	3.05	3.32	3.58
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.97	3.97	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	6.03	6.02	6.31

Table 149 - 802.11ax / HE20 MCS7x2 / RU 106-53 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	-2.14	-2.60	-2.71
Conducted PSD Core 1 (dBm/MHz)	-1.64	-2.18	-1.84
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.97	3.97	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.10	4.59	4.73

Table 150 - 802.11ax / HE20 MCS7x2 / RU 106-53 / MIMO SDM / Cores 0+1 / Country Code CA



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	3.00	2.45	2.92
Conducted PSD Core 1 (dBm/MHz)	3.29	3.16	3.64
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.97	3.97	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00	11.00
Conducted PSD Result (dBm/MHz)	6.15	5.83	6.31

Table 151 - 802.11ax / HE20 MCS7x2 / RU 106-54 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
Conducted PSD Core 0 (dBm/MHz)	-2.47	-2.29	-2.45
Conducted PSD Core 1 (dBm/MHz)	-2.24	-2.47	-1.74
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.97	3.97	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.63	4.60	4.90

Table 152 - 802.11ax / HE20 MCS7x2 / RU 106-54 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	-1.81	3.08
Duty Cycle Correction (dB)	0.61	0.61
Antenna Directional Gain (dBi)	4.06	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	-1.20	3.69

Table 153 - 802.11n / HT40 MCS7 / SISO / Core 0 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	-1.95	0.48
Duty Cycle Correction (dB)	0.61	0.61
Antenna Directional Gain (dBi)	4.06	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	2.72	5.16

Table 154 - 802.11n / HT40 MCS7 / SISO / Core 0 / Country Code CA



Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-2.38	2.38
Conducted PSD Core 1 (dBm/MHz)	-2.37	2.51
Duty Cycle Correction (dB)	0.61	0.61
Antenna Directional Gain (dBi)	6.98	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02	10.02
Conducted PSD Result (dBm/MHz)	1.25	6.07

Table 155 - 802.11n / HT40 MCS7 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-5.31	-5.24
Conducted PSD Core 1 (dBm/MHz)	-5.51	-5.30
Duty Cycle Correction (dB)	0.62	0.62
Antenna Directional Gain (dBi)	6.98	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.20	5.34

Table 156 - 802.11n / HT40 MCS7 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-2.52	2.69
Conducted PSD Core 1 (dBm/MHz)	-2.56	2.67
Duty Cycle Correction (dB)	0.87	0.81
Antenna Directional Gain (dBi)	3.97	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	1.34	6.50

Table 157 - 802.11n / HT40 MCS15 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-2.55	-2.48
Conducted PSD Core 1 (dBm/MHz)	-2.60	-2.26
Duty Cycle Correction (dB)	0.87	0.87
Antenna Directional Gain (dBi)	3.97	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.27	5.48

Table 158 - 802.11n / HT40 MCS15 / MIMO SDM / Cores 0+1 / Country Code CA



Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	-2.08	3.18
Duty Cycle Correction (dB)	0.40	0.40
Antenna Directional Gain (dBi)	4.06	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	-1.67	3.59

Table 159 - 802.11ax / HE40 MCS7x1 / SU / SISO / Core 0 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	-2.15	0.81
Duty Cycle Correction (dB)	0.40	0.38
Antenna Directional Gain (dBi)	4.06	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	2.31	5.25

Table 160 - 802.11ax / HE40 MCS7x1 / SU / SISO / Core 0 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	5.66	6.20
Duty Cycle Correction (dB)	0.28	0.28
Antenna Directional Gain (dBi)	4.06	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	5.95	6.49

Table 161 - 802.11ax / HE40 MCS7x1 / RU 26-0 / SISO / Core 0 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	0.83	0.69
Duty Cycle Correction (dB)	0.28	0.28
Antenna Directional Gain (dBi)	4.06	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.18	5.03

Table 162 - 802.11ax / HE40 MCS7x1 / RU 26-0 / SISO / Core 0 / Country Code CA



Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	5.36	6.05
Duty Cycle Correction (dB)	0.28	0.28
Antenna Directional Gain (dBi)	4.06	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	5.64	6.33

Table 163 - 802.11ax / HE40 MCS7x1 / RU 26-17 / SISO / Core 0 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	0.72	0.92
Duty Cycle Correction (dB)	0.28	0.27
Antenna Directional Gain (dBi)	4.06	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.07	5.26

Table 164 - 802.11ax / HE40 MCS7x1 / RU 26-17 / SISO / Core 0 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	5.64	5.48
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	5.64	5.48

Table 165 - 802.11ax / HE40 MCS7x1 / RU 52-37 / SISO / Core 0 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	0.77	0.31
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.83	4.37

Table 166 - 802.11ax / HE40 MCS7x1 / RU 52-37 / SISO / Core 0 / Country Code CA



Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	5.58	5.46
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	5.58	5.46

Table 167 - 802.11ax / HE40 MCS7x1 / RU 52-44 / SISO / Core 0 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	0.46	0.36
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.52	4.42

Table 168 - 802.11ax / HE40 MCS7x1 / RU 52-44 / SISO / Core 0 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	3.90	5.58
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	3.90	5.58

Table 169 - 802.11ax / HE40 MCS7x1 / RU 106-53 / SISO / Core 0 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	0.73	0.17
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.79	4.23

Table 170 - 802.11ax / HE40 MCS7x1 / RU 106-53 / SISO / Core 0 / Country Code CA



Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	3.82	5.57
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	3.82	5.57

Table 171 - 802.11ax / HE40 MCS7x1 / RU 106-56 / SISO / Core 0 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Raw Conducted PSD (dBm/MHz)	0.78	0.71
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.84	4.77

Table 172 - 802.11ax / HE40 MCS7x1 / RU 106-56 / SISO / Core 0 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-2.39	2.12
Conducted PSD Core 1 (dBm/MHz)	-2.68	2.22
Duty Cycle Correction (dB)	0.41	0.38
Antenna Directional Gain (dBi)	6.98	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02	10.02
Conducted PSD Result (dBm/MHz)	0.88	5.56

Table 173 - 802.11ax / HE40 MCS7x1 / SU / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-5.59	-5.27
Conducted PSD Core 1 (dBm/MHz)	-5.51	-5.15
Duty Cycle Correction (dB)	0.41	0.41
Antenna Directional Gain (dBi)	6.98	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.85	5.19

Table 174 - 802.11ax / HE40 MCS7x1 / SU / MIMO CDD / Cores 0+1 / Country Code CA



Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	2.20	2.48
Conducted PSD Core 1 (dBm/MHz)	1.90	2.40
Duty Cycle Correction (dB)	0.28	0.28
Antenna Directional Gain (dBi)	6.98	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02	10.02
Conducted PSD Result (dBm/MHz)	5.35	5.73

Table 175 - 802.11ax / HE40 MCS7x1 / RU 26-0 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-4.61	-4.17
Conducted PSD Core 1 (dBm/MHz)	-4.16	-3.78
Duty Cycle Correction (dB)	0.28	0.27
Antenna Directional Gain (dBi)	6.98	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.89	6.29

Table 176 - 802.11ax / HE40 MCS7x1 / RU 26-0 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	2.27	2.41
Conducted PSD Core 1 (dBm/MHz)	2.10	2.69
Duty Cycle Correction (dB)	0.28	0.28
Antenna Directional Gain (dBi)	6.98	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02	10.02
Conducted PSD Result (dBm/MHz)	5.48	5.85

Table 177 - 802.11ax / HE40 MCS7x1 / RU 26-17 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-3.58	-4.07
Conducted PSD Core 1 (dBm/MHz)	-3.18	-3.53
Duty Cycle Correction (dB)	0.27	0.27
Antenna Directional Gain (dBi)	6.98	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	6.89	6.47

Table 178 - 802.11ax / HE40 MCS7x1 / RU 26-17 / MIMO CDD / Cores 0+1 / Country Code CA



Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	1.77	1.37
Conducted PSD Core 1 (dBm/MHz)	1.66	1.68
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02	10.02
Conducted PSD Result (dBm/MHz)	4.73	4.54

Table 179 - 802.11ax / HE40 MCS7x1 / RU 52-37 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-5.14	-5.63
Conducted PSD Core 1 (dBm/MHz)	-5.26	-5.36
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.79	4.50

Table 180 - 802.11ax / HE40 MCS7x1 / RU 52-37 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	1.60	1.43
Conducted PSD Core 1 (dBm/MHz)	1.91	1.94
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02	10.02
Conducted PSD Result (dBm/MHz)	4.77	4.70

Table 181 - 802.11ax / HE40 MCS7x1 / RU 52-44 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-5.59	-5.57
Conducted PSD Core 1 (dBm/MHz)	-5.39	-4.90
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.50	4.77

Table 182 - 802.11ax / HE40 MCS7x1 / RU 52-44 / MIMO CDD / Cores 0+1 / Country Code CA



Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	2.47	1.75
Conducted PSD Core 1 (dBm/MHz)	2.81	2.30
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02	10.02
Conducted PSD Result (dBm/MHz)	5.65	5.04

Table 183 - 802.11ax / HE40 MCS7x1 / RU 106-53 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-5.07	-5.60
Conducted PSD Core 1 (dBm/MHz)	-4.79	-5.37
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.06	4.51

Table 184 - 802.11ax / HE40 MCS7x1 / RU 106-53 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	2.15	2.08
Conducted PSD Core 1 (dBm/MHz)	2.32	2.53
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02	10.02
Conducted PSD Result (dBm/MHz)	5.24	5.32

Table 185 - 802.11ax / HE40 MCS7x1 / RU 106-56 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-5.17	-5.34
Conducted PSD Core 1 (dBm/MHz)	-4.85	-4.83
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.98	4.91

Table 186 - 802.11ax / HE40 MCS7x1 / RU 106-56 / MIMO CDD / Cores 0+1 / Country Code CA



Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-2.72	2.61
Conducted PSD Core 1 (dBm/MHz)	-2.56	2.69
Duty Cycle Correction (dB)	0.57	0.56
Antenna Directional Gain (dBi)	3.97	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	0.94	6.22

Table 187 - 802.11ax / HE40 MCS7x2 / SU / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-2.54	-2.18
Conducted PSD Core 1 (dBm/MHz)	-2.71	-2.38
Duty Cycle Correction (dB)	0.57	0.57
Antenna Directional Gain (dBi)	3.97	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.92	5.27

Table 188 - 802.11ax / HE40 MCS7x2 / SU / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	3.03	3.65
Conducted PSD Core 1 (dBm/MHz)	2.84	3.21
Duty Cycle Correction (dB)	0.28	0.28
Antenna Directional Gain (dBi)	3.97	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	6.23	6.73

Table 189 - 802.11ax / HE40 MCS7x2 / RU 26-0 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-2.25	-2.24
Conducted PSD Core 1 (dBm/MHz)	-2.18	-2.22
Duty Cycle Correction (dB)	0.29	0.28
Antenna Directional Gain (dBi)	3.97	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.05	5.04

Table 190 - 802.11ax / HE40 MCS7x2 / RU 26-0 / MIMO SDM / Cores 0+1 / Country Code CA



Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	3.20	3.61
Conducted PSD Core 1 (dBm/MHz)	3.08	3.72
Duty Cycle Correction (dB)	0.28	0.28
Antenna Directional Gain (dBi)	3.97	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	6.43	6.96

Table 191 - 802.11ax / HE40 MCS7x2 / RU 26-17 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-2.35	-1.80
Conducted PSD Core 1 (dBm/MHz)	-2.41	-1.60
Duty Cycle Correction (dB)	0.28	0.28
Antenna Directional Gain (dBi)	3.97	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.89	5.56

Table 192 - 802.11ax / HE40 MCS7x2 / RU 26-17 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	2.81	2.67
Conducted PSD Core 1 (dBm/MHz)	3.18	3.38
Duty Cycle Correction (dB)	0.10	0.10
Antenna Directional Gain (dBi)	3.97	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	6.11	6.15

Table 193 - 802.11ax / HE40 MCS7x2 / RU 52-37 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-2.52	-2.72
Conducted PSD Core 1 (dBm/MHz)	-2.35	-2.35
Duty Cycle Correction (dB)	0.10	0.10
Antenna Directional Gain (dBi)	3.97	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.65	4.55

Table 194 - 802.11ax / HE40 MCS7x2 / RU 52-37 / MIMO SDM / Cores 0+1 / Country Code CA



Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	3.07	2.96
Conducted PSD Core 1 (dBm/MHz)	3.06	3.42
Duty Cycle Correction (dB)	0.10	0.10
Antenna Directional Gain (dBi)	3.97	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	6.18	6.31

Table 195 - 802.11ax / HE40 MCS7x2 / RU 52-44 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-2.70	-2.47
Conducted PSD Core 1 (dBm/MHz)	-2.35	-2.22
Duty Cycle Correction (dB)	0.10	0.10
Antenna Directional Gain (dBi)	3.97	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.56	4.74

Table 196 - 802.11ax / HE40 MCS7x2 / RU 52-44 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	3.58	2.77
Conducted PSD Core 1 (dBm/MHz)	3.60	3.24
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.97	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	6.60	6.02

Table 197 - 802.11ax / HE40 MCS7x2 / RU 106-53 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-2.01	-2.61
Conducted PSD Core 1 (dBm/MHz)	-1.76	-2.31
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.97	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	5.10	4.53

Table 198 - 802.11ax / HE40 MCS7x2 / RU 106-53 / MIMO SDM / Cores 0+1 / Country Code CA



Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	2.96	3.12
Conducted PSD Core 1 (dBm/MHz)	3.42	3.73
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.97	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00	11.00
Conducted PSD Result (dBm/MHz)	6.21	6.44

Table 199 - 802.11ax / HE40 MCS7x2 / RU 106-56 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Bottom	Top
Frequency (MHz)	5190	5230
Conducted PSD Core 0 (dBm/MHz)	-2.54	-2.44
Conducted PSD Core 1 (dBm/MHz)	-2.02	-1.79
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.97	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00	10.00
EIRP Spectral Density Result (dBm/MHz)	4.71	4.88

Table 200 - 802.11ax / HE40 MCS7x2 / RU 106-56 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	-4.52
Duty Cycle Correction (dB)	0.93
Antenna Directional Gain (dBi)	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-3.59

Table 201 - 802.11ac / VHT80 MCS7x1 / SISO / Core 0 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	-4.79
Duty Cycle Correction (dB)	0.93
Antenna Directional Gain (dBi)	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	0.20

Table 202 - 802.11ac / VHT80 MCS7x1 / SISO / Core 0 / Country Code CA



Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-6.35
Conducted PSD Core 1 (dBm/MHz)	-6.38
Duty Cycle Correction (dB)	0.93
Antenna Directional Gain (dBi)	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02
Conducted PSD Result (dBm/MHz)	-2.43

Table 203 - 802.11ac / VHT80 MCS7x1 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-6.44
Conducted PSD Core 1 (dBm/MHz)	-6.42
Duty Cycle Correction (dB)	0.93
Antenna Directional Gain (dBi)	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	4.50

Table 204 - 802.11ac / VHT80 MCS7x1 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-6.68
Conducted PSD Core 1 (dBm/MHz)	-6.39
Duty Cycle Correction (dB)	1.11
Antenna Directional Gain (dBi)	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-2.41

Table 205 - 802.11ac / VHT80 MCS7x2 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-6.59
Conducted PSD Core 1 (dBm/MHz)	-6.36
Duty Cycle Correction (dB)	1.11
Antenna Directional Gain (dBi)	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	1.62

Table 206 - 802.11ac / VHT80 MCS7x2 / MIMO SDM / Cores 0+1 / Country Code CA



Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	-4.49
Duty Cycle Correction (dB)	0.43
Antenna Directional Gain (dBi)	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-4.06

Table 207 - 802.11ax / HE80 MCS7x1 / SU / SISO / Core 0 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	-4.55
Duty Cycle Correction (dB)	0.43
Antenna Directional Gain (dBi)	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	-0.07

Table 208 - 802.11ax / HE80 MCS7x1 / SU / SISO / Core 0 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	5.80
Duty Cycle Correction (dB)	0.29
Antenna Directional Gain (dBi)	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	6.09

Table 209 - 802.11ax / HE80 MCS7x1 / RU 26-0 / SISO / Core 0 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	0.55
Duty Cycle Correction (dB)	0.28
Antenna Directional Gain (dBi)	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	4.89

Table 210 - 802.11ax / HE80 MCS7x1 / RU 26-0 / SISO / Core 0 / Country Code CA



Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	5.89
Duty Cycle Correction (dB)	0.29
Antenna Directional Gain (dBi)	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	6.18

Table 211 - 802.11ax / HE80 MCS7x1 / RU 26-36 / SISO / Core 0 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	0.74
Duty Cycle Correction (dB)	0.29
Antenna Directional Gain (dBi)	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	5.09

Table 212 - 802.11ax / HE80 MCS7x1 / RU 26-36 / SISO / Core 0 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	5.37
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	5.37

Table 213 - 802.11ax / HE80 MCS7x1 / RU 52-37 / SISO / Core 0 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	0.56
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	4.62

Table 214 - 802.11ax / HE80 MCS7x1 / RU 52-37 / SISO / Core 0 / Country Code CA



Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	6.05
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	6.05

Table 215 - 802.11ax / HE80 MCS7x1 / RU 52-52 / SISO / Core 0 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	0.98
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	5.04

Table 216 - 802.11ax / HE80 MCS7x1 / RU 52-52 / SISO / Core 0 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	3.51
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	3.51

Table 217 - 802.11ax / HE80 MCS7x1 / RU 106-53 / SISO / Core 0 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	0.87
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	4.93

Table 218 - 802.11ax / HE80 MCS7x1 / RU 106-53 / SISO / Core 0 / Country Code CA



Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	3.98
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	3.98

Table 219 - 802.11ax / HE80 MCS7x1 / RU 106-60 / SISO / Core 0 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Raw Conducted PSD (dBm/MHz)	0.73
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	4.06
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	4.79

Table 220 - 802.11ax / HE80 MCS7x1 / RU 106-60 / SISO / Core 0 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-5.94
Conducted PSD Core 1 (dBm/MHz)	-6.15
Duty Cycle Correction (dB)	0.43
Antenna Directional Gain (dBi)	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02
Conducted PSD Result (dBm/MHz)	-2.61

Table 221 - 802.11ax / HE80 MCS7x1 / SU / MIMO CDD / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-6.18
Conducted PSD Core 1 (dBm/MHz)	-6.23
Duty Cycle Correction (dB)	0.43
Antenna Directional Gain (dBi)	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	4.21

Table 222 - 802.11ax / HE80 MCS7x1 / SU / MIMO CDD / Cores 0+1 / Country Code CA



Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	2.28
Conducted PSD Core 1 (dBm/MHz)	2.61
Duty Cycle Correction (dB)	0.29
Antenna Directional Gain (dBi)	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02
Conducted PSD Result (dBm/MHz)	5.75

Table 223 - 802.11ax / HE80 MCS7x1 / RU 26-0 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-4.08
Conducted PSD Core 1 (dBm/MHz)	-3.27
Duty Cycle Correction (dB)	0.28
Antenna Directional Gain (dBi)	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	6.62

Table 224 - 802.11ax / HE80 MCS7x1 / RU 26-0 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	2.44
Conducted PSD Core 1 (dBm/MHz)	2.50
Duty Cycle Correction (dB)	0.29
Antenna Directional Gain (dBi)	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02
Conducted PSD Result (dBm/MHz)	5.77

Table 225 - 802.11ax / HE80 MCS7x1 / RU 26-36 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-2.92
Conducted PSD Core 1 (dBm/MHz)	-2.38
Duty Cycle Correction (dB)	0.28
Antenna Directional Gain (dBi)	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	7.63

Table 226 - 802.11ax / HE80 MCS7x1 / RU 26-36 / MIMO CDD / Cores 0+1 / Country Code CA



Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	1.68
Conducted PSD Core 1 (dBm/MHz)	2.24
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02
Conducted PSD Result (dBm/MHz)	4.98

Table 227 - 802.11ax / HE80 MCS7x1 / RU 52-37 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-5.38
Conducted PSD Core 1 (dBm/MHz)	-5.17
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	4.72

Table 228 - 802.11ax / HE80 MCS7x1 / RU 52-37 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	1.93
Conducted PSD Core 1 (dBm/MHz)	2.67
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02
Conducted PSD Result (dBm/MHz)	5.33

Table 229 - 802.11ax / HE80 MCS7x1 / RU 52-52 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-4.96
Conducted PSD Core 1 (dBm/MHz)	-4.52
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	5.26

Table 230 - 802.11ax / HE80 MCS7x1 / RU 52-52 / MIMO CDD / Cores 0+1 / Country Code CA



Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	2.21
Conducted PSD Core 1 (dBm/MHz)	2.41
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02
Conducted PSD Result (dBm/MHz)	5.32

Table 231 - 802.11ax / HE80 MCS7x1 / RU 106-53 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-5.22
Conducted PSD Core 1 (dBm/MHz)	-5.03
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	4.87

Table 232 - 802.11ax / HE80 MCS7x1 / RU 106-53 / MIMO CDD / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	2.08
Conducted PSD Core 1 (dBm/MHz)	2.87
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	6.98
15.407 Conducted PSD Limit (dBm/MHz)	10.02
Conducted PSD Result (dBm/MHz)	5.50

Table 233 - 802.11ax / HE80 MCS7x1 / RU 106-60 / MIMO CDD / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-4.80
Conducted PSD Core 1 (dBm/MHz)	-4.70
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	6.98
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	5.24

Table 234 - 802.11ax / HE80 MCS7x1 / RU 106-60 / MIMO CDD / Cores 0+1 / Country Code CA



Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-6.06
Conducted PSD Core 1 (dBm/MHz)	-6.42
Duty Cycle Correction (dB)	0.60
Antenna Directional Gain (dBi)	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-2.63

Table 235 - 802.11ax / HE80 MCS7x2 / SU / MIMO SDM / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-6.35
Conducted PSD Core 1 (dBm/MHz)	-6.28
Duty Cycle Correction (dB)	0.60
Antenna Directional Gain (dBi)	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	1.27

Table 236 - 802.11ax / HE80 MCS7x2 / SU / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	3.45
Conducted PSD Core 1 (dBm/MHz)	3.14
Duty Cycle Correction (dB)	0.29
Antenna Directional Gain (dBi)	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	6.60

Table 237 - 802.11ax / HE80 MCS7x2 / RU 26-0 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-2.06
Conducted PSD Core 1 (dBm/MHz)	-2.07
Duty Cycle Correction (dB)	0.29
Antenna Directional Gain (dBi)	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	5.21

Table 238 - 802.11ax / HE80 MCS7x2 / RU 26-0 / MIMO SDM / Cores 0+1 / Country Code CA



Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	2.98
Conducted PSD Core 1 (dBm/MHz)	3.55
Duty Cycle Correction (dB)	0.29
Antenna Directional Gain (dBi)	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	6.58

Table 239 - 802.11ax / HE80 MCS7x2 / RU 26-36 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-2.22
Conducted PSD Core 1 (dBm/MHz)	-2.26
Duty Cycle Correction (dB)	0.29
Antenna Directional Gain (dBi)	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	5.03

Table 240 - 802.11ax / HE80 MCS7x2 / RU 26-36 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	2.65
Conducted PSD Core 1 (dBm/MHz)	3.29
Duty Cycle Correction (dB)	0.11
Antenna Directional Gain (dBi)	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	6.10

Table 241 - 802.11ax / HE80 MCS7x2 / RU 52-37 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-2.61
Conducted PSD Core 1 (dBm/MHz)	-2.16
Duty Cycle Correction (dB)	0.11
Antenna Directional Gain (dBi)	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	4.71

Table 242 - 802.11ax / HE80 MCS7x2 / RU 52-37 / MIMO SDM / Cores 0+1 / Country Code CA



Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	3.33
Conducted PSD Core 1 (dBm/MHz)	4.04
Duty Cycle Correction (dB)	0.11
Antenna Directional Gain (dBi)	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	6.82

Table 243 - 802.11ax / HE80 MCS7x2 / RU 52-52 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-2.08
Conducted PSD Core 1 (dBm/MHz)	-1.42
Duty Cycle Correction (dB)	0.11
Antenna Directional Gain (dBi)	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	5.35

Table 244 - 802.11ax / HE80 MCS7x2 / RU 52-52 / MIMO SDM / Cores 0+1 / Country Code CA

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	2.26
Conducted PSD Core 1 (dBm/MHz)	2.48
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	5.38

Table 245 - 802.11ax / HE80 MCS7x2 / RU 106-53 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-2.27
Conducted PSD Core 1 (dBm/MHz)	-1.94
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	4.88

Table 246 - 802.11ax / HE80 MCS7x2 / RU 106-53 / MIMO SDM / Cores 0+1 / Country Code CA



Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	2.27
Conducted PSD Core 1 (dBm/MHz)	2.85
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	5.58

Table 247 - 802.11ax / HE80 MCS7x2 / RU 106-60 / MIMO SDM / Cores 0+1 / Country Code US

Channel	Middle
Frequency (MHz)	5210
Conducted PSD Core 0 (dBm/MHz)	-2.01
Conducted PSD Core 1 (dBm/MHz)	-1.80
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	3.97
RSS-247 EIRP Spectral Density Limit (dBm/MHz)	10.00
EIRP Spectral Density Result (dBm/MHz)	5.08

Table 248 - 802.11ax / HE80 MCS7x2 / RU 106-60 / 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)	8.10	8.55	4.11
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06	4.06
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)	8.10	8.55	4.11

Table 249 - 802.11a / 6 Mbps / SISO / Core 0

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Raw Conducted PSD (dBm/MHz)	6.36	6.65	2.57
Duty Cycle Correction (dB)	0.35	0.35	0.35
Antenna Directional Gain (dBi)	4.06	4.06	4.06
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)	6.70	7.00	2.92

Table 250 - 802.11n / HT20 MCS7 / SISO / Core 0

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted PSD Core 0 (dBm/MHz)	2.19	2.60	0.94
Conducted PSD Core 1 (dBm/MHz)	2.27	2.53	0.82
Duty Cycle Correction (dB)	0.35	0.35	0.35
Antenna Directional Gain (dBi)	6.98	6.98	6.98
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)	5.59	5.92	4.24

Table 251 - 802.11n / HT20 MCS7 / MIMO CDD / Cores 0+1



Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted PSD Core 0 (dBm/MHz)	3.32	3.48	0.80
Conducted PSD Core 1 (dBm/MHz)	3.26	3.22	0.81
Duty Cycle Correction (dB)	0.57	0.57	0.57
Antenna Directional Gain (dBi)	3.97	3.97	3.97
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)	6.87	6.92	4.38

Table 252 - 802.11n / HT20 MCS15 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Raw Conducted PSD (dBm/MHz)	6.22	6.44	2.21
Duty Cycle Correction (dB)	0.37	0.39	0.39
Antenna Directional Gain (dBi)	4.06	4.06	4.06
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)	6.59	6.84	2.61

Table 253 - 802.11ax / HE20 MCS7x1 / SU / SISO / Core 0

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Raw Conducted PSD (dBm/MHz)	5.78	5.70	5.79
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06	4.06
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)	5.78	5.70	5.79

Table 254 - 802.11ax / HE20 MCS7x1 / RU 52-37 / SISO / Core 0



Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Raw Conducted PSD (dBm/MHz)	5.82	5.82	5.82
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06	4.06
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)	5.82	5.82	5.82

Table 255 - 802.11ax / HE20 MCS7x1 / RU 52-40 / SISO / Core 0

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Raw Conducted PSD (dBm/MHz)	5.98	5.83	4.94
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06	4.06
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)	5.98	5.83	4.94

Table 256 - 802.11ax / HE20 MCS7x1 / RU 106-53 / SISO / Core 0

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Raw Conducted PSD (dBm/MHz)	5.63	5.65	5.04
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06	4.06
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)	5.63	5.65	5.04

Table 257 - 802.11ax / HE20 MCS7x1 / RU 106-54 / SISO / Core 0



Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted PSD Core 0 (dBm/MHz)	1.88	2.29	0.50
Conducted PSD Core 1 (dBm/MHz)	2.15	2.00	0.51
Duty Cycle Correction (dB)	0.40	0.40	0.40
Antenna Directional Gain (dBi)	6.98	6.98	6.98
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)	5.43	5.56	3.91

Table 258 - 802.11ax / HE20 MCS7x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted PSD Core 0 (dBm/MHz)	1.51	2.06	1.98
Conducted PSD Core 1 (dBm/MHz)	2.08	2.17	2.50
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98	6.98
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)	4.81	5.13	5.26

Table 259 - 802.11ax / HE20 MCS7x1 / RU 52-37 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted PSD Core 0 (dBm/MHz)	1.64	1.88	1.72
Conducted PSD Core 1 (dBm/MHz)	2.15	2.54	2.24
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98	6.98
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)	4.92	5.23	5.00

Table 260 - 802.11ax / HE20 MCS7x1 / RU 52-40 / MIMO CDD / Cores 0+1



Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted PSD Core 0 (dBm/MHz)	2.46	2.39	2.38
Conducted PSD Core 1 (dBm/MHz)	2.86	2.97	2.91
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98	6.98
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)	5.68	5.70	5.66

Table 261 - 802.11ax / HE20 MCS7x1 / RU 106-53 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted PSD Core 0 (dBm/MHz)	2.24	2.29	2.21
Conducted PSD Core 1 (dBm/MHz)	3.00	2.88	2.66
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98	6.98
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)	5.65	5.60	5.45

Table 262 - 802.11ax / HE20 MCS7x1 / RU 106-54 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted PSD Core 0 (dBm/MHz)	2.89	3.06	0.50
Conducted PSD Core 1 (dBm/MHz)	2.90	3.25	0.55
Duty Cycle Correction (dB)	0.56	0.56	0.56
Antenna Directional Gain (dBi)	3.97	3.97	3.97
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)	6.46	6.72	4.10

Table 263 - 802.11ax / HE20 MCS7x2 / SU / MIMO SDM / Cores 0+1



Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted PSD Core 0 (dBm/MHz)	3.29	3.18	3.12
Conducted PSD Core 1 (dBm/MHz)	3.61	3.97	3.94
Duty Cycle Correction (dB)	0.10	0.10	0.10
Antenna Directional Gain (dBi)	3.97	3.97	3.97
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)	6.56	6.70	6.66

Table 264 - 802.11ax / HE20 MCS7x2 / RU 52-37 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted PSD Core 0 (dBm/MHz)	3.17	3.08	3.44
Conducted PSD Core 1 (dBm/MHz)	3.85	4.02	3.83
Duty Cycle Correction (dB)	0.10	0.10	0.10
Antenna Directional Gain (dBi)	3.97	3.97	3.97
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)	6.63	6.68	6.75

Table 265 - 802.11ax / HE20 MCS7x2 / RU 52-40 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted PSD Core 0 (dBm/MHz)	3.26	2.92	3.44
Conducted PSD Core 1 (dBm/MHz)	3.98	3.79	3.66
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.97	3.97	3.97
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)	6.65	6.39	6.56

Table 266 - 802.11ax / HE20 MCS7x2 / RU 106-53 / MIMO SDM / Cores 0+1



Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
Conducted PSD Core 0 (dBm/MHz)	3.12	3.05	3.32
Conducted PSD Core 1 (dBm/MHz)	3.64	3.78	3.77
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.97	3.97	3.97
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)	6.40	6.44	6.56

Table 267 - 802.11ax / HE20 MCS7x2 / RU 106-54 / MIMO SDM / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Raw Conducted PSD (dBm/MHz)	3.51	-1.48
Duty Cycle Correction (dB)	0.61	0.62
Antenna Directional Gain (dBi)	4.06	4.06
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)	4.12	-0.85

Table 268 - 802.11n / HT40 MCS7 / SISO / Core 0

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted PSD Core 0 (dBm/MHz)	2.35	-2.80
Conducted PSD Core 1 (dBm/MHz)	2.67	-2.61
Duty Cycle Correction (dB)	0.61	0.63
Antenna Directional Gain (dBi)	6.98	6.98
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)	6.14	0.93

Table 269 - 802.11n / HT40 MCS7 / MIMO CDD / Cores 0+1



Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted PSD Core 0 (dBm/MHz)	2.80	-2.74
Conducted PSD Core 1 (dBm/MHz)	2.89	-2.73
Duty Cycle Correction (dB)	0.86	0.87
Antenna Directional Gain (dBi)	3.97	3.97
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)	6.71	1.14

Table 270 - 802.11n / HT40 MCS15 / MIMO SDM / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Raw Conducted PSD (dBm/MHz)	3.27	-1.59
Duty Cycle Correction (dB)	0.40	0.40
Antenna Directional Gain (dBi)	4.06	4.06
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)	3.67	-1.18

Table 271 - 802.11ax / HE40 MCS7x1 / SU / SISO / Core 0

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Raw Conducted PSD (dBm/MHz)	5.52	5.25
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06
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)	5.52	5.25

Table 272 - 802.11ax / HE40 MCS7x1 / RU 52-37 / SISO / Core 0



Channel	Bottom	Top
Frequency (MHz)	5270	5310
Raw Conducted PSD (dBm/MHz)	5.58	5.73
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06
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)	5.58	5.73

Table 273 - 802.11ax / HE40 MCS7x1 / RU 52-44 / SISO / Core 0

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Raw Conducted PSD (dBm/MHz)	5.89	3.66
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06
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)	5.89	3.66

Table 274 - 802.11ax / HE40 MCS7x1 / RU 106-53 / SISO / Core 0

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Raw Conducted PSD (dBm/MHz)	5.69	3.90
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	4.06	4.06
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)	5.69	3.90

Table 275 - 802.11ax / HE40 MCS7x1 / RU 106-56 / SISO / Core 0



Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted PSD Core 0 (dBm/MHz)	2.51	-2.61
Conducted PSD Core 1 (dBm/MHz)	2.68	-2.50
Duty Cycle Correction (dB)	0.40	0.41
Antenna Directional Gain (dBi)	6.98	6.98
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)	6.01	0.86

Table 276 - 802.11ax / HE40 MCS7x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted PSD Core 0 (dBm/MHz)	1.70	1.66
Conducted PSD Core 1 (dBm/MHz)	2.09	2.20
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98
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)	4.91	4.95

Table 277 - 802.11ax / HE40 MCS7x1 / RU 52-37 / MIMO CDD / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted PSD Core 0 (dBm/MHz)	1.98	1.82
Conducted PSD Core 1 (dBm/MHz)	2.05	2.05
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98
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)	5.02	4.95

Table 278 - 802.11ax / HE40 MCS7x1 / RU 52-44 / MIMO CDD / Cores 0+1



Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted PSD Core 0 (dBm/MHz)	2.67	2.25
Conducted PSD Core 1 (dBm/MHz)	2.87	2.65
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98
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)	5.78	5.47

Table 279 - 802.11ax / HE40 MCS7x1 / RU 106-53 / MIMO CDD / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted PSD Core 0 (dBm/MHz)	2.26	2.16
Conducted PSD Core 1 (dBm/MHz)	2.82	2.98
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.98	6.98
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)	5.56	5.60

Table 280 - 802.11ax / HE40 MCS7x1 / RU 106-56 / MIMO CDD / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted PSD Core 0 (dBm/MHz)	2.86	-2.65
Conducted PSD Core 1 (dBm/MHz)	2.93	-2.78
Duty Cycle Correction (dB)	0.56	0.57
Antenna Directional Gain (dBi)	3.97	3.97
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)	6.47	0.86

Table 281 - 802.11ax / HE40 MCS7x2 / SU / MIMO SDM / Cores 0+1



Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted PSD Core 0 (dBm/MHz)	3.03	3.28
Conducted PSD Core 1 (dBm/MHz)	3.59	3.57
Duty Cycle Correction (dB)	0.10	0.10
Antenna Directional Gain (dBi)	3.97	3.97
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)	6.43	6.54

Table 282 - 802.11ax / HE40 MCS7x2 / RU 52-37 / MIMO SDM / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted PSD Core 0 (dBm/MHz)	3.02	2.98
Conducted PSD Core 1 (dBm/MHz)	3.64	3.74
Duty Cycle Correction (dB)	0.10	0.10
Antenna Directional Gain (dBi)	3.97	3.97
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)	6.45	6.49

Table 283 - 802.11ax / HE40 MCS7x2 / RU 52-44 / MIMO SDM / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted PSD Core 0 (dBm/MHz)	3.41	2.62
Conducted PSD Core 1 (dBm/MHz)	3.88	3.26
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.97	3.97
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)	6.66	5.96

Table 284 - 802.11ax / HE40 MCS7x2 / RU 106-53 / MIMO SDM / Cores 0+1



Channel	Bottom	Top
Frequency (MHz)	5270	5310
Conducted PSD Core 0 (dBm/MHz)	3.22	3.04
Conducted PSD Core 1 (dBm/MHz)	3.78	3.58
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.97	3.97
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)	6.52	6.33

Table 285 - 802.11ax / HE40 MCS7x2 / RU 106-56 / MIMO SDM / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
Raw Conducted PSD (dBm/MHz)	-4.51
Duty Cycle Correction (dB)	0.93
Antenna Directional Gain (dBi)	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-3.57

Table 286 - 802.11ac / VHT80 MCS7x1 / SISO / Core 0

Channel	Middle
Frequency (MHz)	5290
Conducted PSD Core 0 (dBm/MHz)	-5.77
Conducted PSD Core 1 (dBm/MHz)	-5.74
Duty Cycle Correction (dB)	0.93
Antenna Directional Gain (dBi)	6.98
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-1.81

Table 287 - 802.11ac / VHT80 MCS7x1 / MIMO CDD / Cores 0+1



Channel	Middle
Frequency (MHz)	5290
Conducted PSD Core 0 (dBm/MHz)	-6.09
Conducted PSD Core 1 (dBm/MHz)	-6.07
Duty Cycle Correction (dB)	1.13
Antenna Directional Gain (dBi)	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-1.95

Table 288 - 802.11ac / VHT80 MCS7x2 / MIMO SDM / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
Raw Conducted PSD (dBm/MHz)	-4.37
Duty Cycle Correction (dB)	0.42
Antenna Directional Gain (dBi)	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-3.95

Table 289 - 802.11ax / HE80 MCS7x1 / SU / SISO / Core 0

Channel	Middle
Frequency (MHz)	5290
Raw Conducted PSD (dBm/MHz)	6.09
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	6.09

Table 290 - 802.11ax / HE80 MCS7x1 / RU 52-37 / SISO / Core 0



Channel	Middle
Frequency (MHz)	5290
Raw Conducted PSD (dBm/MHz)	6.01
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	6.01

Table 291 - 802.11ax / HE80 MCS7x1 / RU 52-52 / SISO / Core 0

Channel	Middle
Frequency (MHz)	5290
Raw Conducted PSD (dBm/MHz)	4.13
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	4.13

Table 292 - 802.11ax / HE80 MCS7x1 / RU 106-53 / SISO / Core 0

Channel	Middle
Frequency (MHz)	5290
Raw Conducted PSD (dBm/MHz)	4.02
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	4.06
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	4.02

Table 293 - 802.11ax / HE80 MCS7x1 / RU 106-60 / SISO / Core 0



Channel	Middle
Frequency (MHz)	5290
Conducted PSD Core 0 (dBm/MHz)	-5.71
Conducted PSD Core 1 (dBm/MHz)	-5.60
Duty Cycle Correction (dB)	0.42
Antenna Directional Gain (dBi)	6.98
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-2.22

Table 294 - 802.11ax / HE80 MCS7x1 / SU / MIMO CDD / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
Conducted PSD Core 0 (dBm/MHz)	1.68
Conducted PSD Core 1 (dBm/MHz)	2.88
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	6.98
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	5.33

Table 295 - 802.11ax / HE80 MCS7x1 / RU 52-37 / MIMO CDD / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
Conducted PSD Core 0 (dBm/MHz)	2.03
Conducted PSD Core 1 (dBm/MHz)	2.69
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	6.98
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	5.38

Table 296 - 802.11ax / HE80 MCS7x1 / RU 52-52 / MIMO CDD / Cores 0+1



Channel	Middle
Frequency (MHz)	5290
Conducted PSD Core 0 (dBm/MHz)	2.91
Conducted PSD Core 1 (dBm/MHz)	3.14
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	6.98
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	6.04

Table 297 - 802.11ax / HE80 MCS7x1 / RU 106-53 / MIMO CDD / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
Conducted PSD Core 0 (dBm/MHz)	2.56
Conducted PSD Core 1 (dBm/MHz)	3.35
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	6.98
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	5.98

Table 298 - 802.11ax / HE80 MCS7x1 / RU 106-60 / MIMO CDD / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
Conducted PSD Core 0 (dBm/MHz)	-5.64
Conducted PSD Core 1 (dBm/MHz)	-5.99
Duty Cycle Correction (dB)	0.57
Antenna Directional Gain (dBi)	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	-2.23

Table 299 - 802.11ax / HE80 MCS7x2 / SU / MIMO SDM / Cores 0+1



Channel	Middle
Frequency (MHz)	5290
Conducted PSD Core 0 (dBm/MHz)	3.41
Conducted PSD Core 1 (dBm/MHz)	3.99
Duty Cycle Correction (dB)	0.10
Antenna Directional Gain (dBi)	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	6.83

Table 300 - 802.11ax / HE80 MCS7x2 / RU 52-37 / MIMO SDM / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
Conducted PSD Core 0 (dBm/MHz)	3.41
Conducted PSD Core 1 (dBm/MHz)	4.13
Duty Cycle Correction (dB)	0.11
Antenna Directional Gain (dBi)	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	6.90

Table 301 - 802.11ax / HE80 MCS7x2 / RU 52-52 / MIMO SDM / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
Conducted PSD Core 0 (dBm/MHz)	2.81
Conducted PSD Core 1 (dBm/MHz)	3.38
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	6.12

Table 302 - 802.11ax / HE80 MCS7x2 / RU 106-53 / MIMO SDM / Cores 0+1



Channel	Middle
Frequency (MHz)	5290
Conducted PSD Core 0 (dBm/MHz)	2.61
Conducted PSD Core 1 (dBm/MHz)	3.07
Duty Cycle Correction (dB)	N/A SA-1
Antenna Directional Gain (dBi)	3.97
15.407 Conducted PSD Limit (dBm/MHz)	11.00
RSS-247 Conducted PSD Limit (dBm/MHz)	11.00
Conducted PSD Result (dBm/MHz)	5.86

Table 303 - 802.11ax / HE80 MCS7x2 / RU 106-60 / MIMO SDM / Cores 0+1



U-NII-2C

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Raw Conducted PSD (dBm/MHz)	4.44	9.55	4.40	9.43
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
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)	4.44	9.55	4.40	9.43

Table 304 - 802.11a / 6 Mbps / SISO / Core 1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Raw Conducted PSD (dBm/MHz)	2.67	7.73	2.45	7.72
Duty Cycle Correction (dB)	0.35	0.34	0.35	0.33
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
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)	3.02	8.07	2.79	8.05

Table 305 - 802.11n / HT20 MCS7 / SISO / Core 1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted PSD Core 0 (dBm/MHz)	2.00	3.68	1.70	3.60
Conducted PSD Core 1 (dBm/MHz)	2.58	3.44	1.88	3.69
Duty Cycle Correction (dB)	0.35	0.35	0.35	0.33
Antenna Directional Gain (dBi)	6.87	6.87	6.87	6.87
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)	5.66	6.92	5.15	6.98

Table 306 - 802.11n / HT20 MCS7 / MIMO CDD / Cores 0+1



Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted PSD Core 0 (dBm/MHz)	1.97	4.70	2.75	4.25
Conducted PSD Core 1 (dBm/MHz)	2.30	4.48	3.06	4.49
Duty Cycle Correction (dB)	0.57	0.57	0.57	0.57
Antenna Directional Gain (dBi)	3.86	3.86	3.86	3.86
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)	5.72	8.17	6.48	7.95

Table 307 - 802.11n / HT20 MCS15 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Raw Conducted PSD (dBm/MHz)	2.43	7.24	2.08	7.61
Duty Cycle Correction (dB)	0.39	0.39	0.37	0.39
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
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)	2.83	7.63	2.45	8.00

Table 308 - 802.11ax / HE20 MCS7x1 / SU / SISO / Core 1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Raw Conducted PSD (dBm/MHz)	7.21	7.87	7.91	7.72
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
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)	7.21	7.87	7.91	7.72

Table 309 - 802.11ax / HE20 MCS7x1 / RU 52-37 / SISO / Core 1



Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Raw Conducted PSD (dBm/MHz)	6.99	7.86	7.87	-1.95
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
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)	6.99	7.86	7.87	-1.95

Table 310 - 802.11ax / HE20 MCS7x1 / RU 52-40 / SISO / Core 1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Raw Conducted PSD (dBm/MHz)	6.04	8.01	5.87	7.69
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
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)	6.04	8.01	5.87	7.69

Table 311 - 802.11ax / HE20 MCS7x1 / RU 106-53 / SISO / Core 1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Raw Conducted PSD (dBm/MHz)	6.05	7.99	6.05	7.64
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
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)	6.05	7.99	6.05	7.64

Table 312 - 802.11ax / HE20 MCS7x1 / RU 106-54 / SISO / Core 1



Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted PSD Core 0 (dBm/MHz)	1.71	3.22	1.15	3.41
Conducted PSD Core 1 (dBm/MHz)	1.79	3.23	1.24	3.39
Duty Cycle Correction (dB)	0.40	0.40	0.40	0.40
Antenna Directional Gain (dBi)	6.87	6.87	6.87	6.87
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)	5.16	6.63	4.60	6.81

Table 313 - 802.11ax / HE20 MCS7x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted PSD Core 0 (dBm/MHz)	2.75	3.24	3.24	3.39
Conducted PSD Core 1 (dBm/MHz)	3.08	3.64	3.73	3.62
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.87	6.87	6.87
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)	5.93	6.45	6.50	6.52

Table 314 - 802.11ax / HE20 MCS7x1 / RU 52-37 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted PSD Core 0 (dBm/MHz)	2.61	3.46	3.32	-6.77
Conducted PSD Core 1 (dBm/MHz)	3.04	3.89	4.09	-6.04
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.87	6.87	6.87
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)	5.84	6.69	6.73	-3.38

Table 315 - 802.11ax / HE20 MCS7x1 / RU 52-40 / MIMO CDD / Cores 0+1



Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted PSD Core 0 (dBm/MHz)	3.06	3.76	3.84	3.82
Conducted PSD Core 1 (dBm/MHz)	3.74	4.26	4.66	3.97
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.87	6.87	6.87
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)	6.43	7.03	7.28	6.91

Table 316 - 802.11ax / HE20 MCS7x1 / RU 106-53 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted PSD Core 0 (dBm/MHz)	3.08	3.93	4.07	3.58
Conducted PSD Core 1 (dBm/MHz)	3.48	4.47	4.39	4.06
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.87	6.87	6.87
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)	6.30	7.22	7.24	6.84

Table 317 - 802.11ax / HE20 MCS7x1 / RU 106-54 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted PSD Core 0 (dBm/MHz)	1.73	4.21	1.42	4.29
Conducted PSD Core 1 (dBm/MHz)	1.80	4.20	1.60	4.45
Duty Cycle Correction (dB)	0.56	0.56	0.56	0.56
Antenna Directional Gain (dBi)	3.86	3.86	3.86	3.86
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)	5.33	7.77	5.08	7.94

Table 318 - 802.11ax / HE20 MCS7x2 / SU / MIMO SDM / Cores 0+1



Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted PSD Core 0 (dBm/MHz)	3.88	4.77	4.69	5.05
Conducted PSD Core 1 (dBm/MHz)	4.52	5.16	5.07	5.51
Duty Cycle Correction (dB)	0.10	0.10	0.10	0.10
Antenna Directional Gain (dBi)	3.86	3.86	3.86	3.86
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)	7.32	8.08	7.99	8.39

Table 319 - 802.11ax / HE20 MCS7x2 / RU 52-37 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted PSD Core 0 (dBm/MHz)	4.26	4.84	4.62	-5.23
Conducted PSD Core 1 (dBm/MHz)	4.76	5.26	5.33	-4.17
Duty Cycle Correction (dB)	0.10	0.10	0.10	0.10
Antenna Directional Gain (dBi)	3.86	3.86	3.86	3.86
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)	7.63	8.16	8.10	-1.56

Table 320 - 802.11ax / HE20 MCS7x2 / RU 52-40 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted PSD Core 0 (dBm/MHz)	4.15	4.89	4.97	4.87
Conducted PSD Core 1 (dBm/MHz)	4.30	5.26	5.38	5.14
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.86	3.86	3.86	3.86
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)	7.24	8.09	8.19	8.02

Table 321 - 802.11ax / HE20 MCS7x2 / RU 106-53 / MIMO SDM / Cores 0+1



Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
Conducted PSD Core 0 (dBm/MHz)	4.33	4.81	4.58	4.79
Conducted PSD Core 1 (dBm/MHz)	4.38	5.31	5.57	5.11
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.86	3.86	3.86	3.86
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)	7.37	8.08	8.11	7.97

Table 322 - 802.11ax / HE20 MCS7x2 / RU 106-54 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Raw Conducted PSD (dBm/MHz)	-2.17	4.54	2.07	4.70
Duty Cycle Correction (dB)	0.63	0.60	0.61	0.60
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
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)	-1.54	5.14	2.69	5.29

Table 323 - 802.11n / HT40 MCS7 / SISO / Core 1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted PSD Core 0 (dBm/MHz)	-2.90	3.63	0.52	3.68
Conducted PSD Core 1 (dBm/MHz)	-2.66	3.64	0.55	3.81
Duty Cycle Correction (dB)	0.63	0.61	0.61	0.61
Antenna Directional Gain (dBi)	6.87	6.87	6.87	6.87
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)	0.86	7.25	4.16	7.36

Table 324 - 802.11n / HT40 MCS7 / MIMO CDD / Cores 0+1



Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted PSD Core 0 (dBm/MHz)	-2.97	3.49	0.22	4.08
Conducted PSD Core 1 (dBm/MHz)	-2.79	3.86	0.22	4.05
Duty Cycle Correction (dB)	0.87	0.87	0.87	0.85
Antenna Directional Gain (dBi)	3.86	3.86	3.86	3.86
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)	1.00	7.56	4.10	7.93

Table 325 - 802.11n / HT40 MCS15 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Raw Conducted PSD (dBm/MHz)	-2.37	4.40	2.02	4.63
Duty Cycle Correction (dB)	0.41	0.40	0.40	0.40
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
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)	-1.96	4.80	2.43	5.03

Table 326 - 802.11ax / HE40 MCS7x1 / SU / SISO / Core 1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Raw Conducted PSD (dBm/MHz)	6.97	7.40	7.94	8.01
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
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)	6.97	7.40	7.94	8.01

Table 327 - 802.11ax / HE40 MCS7x1 / RU 52-37 / SISO / Core 1



Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Raw Conducted PSD (dBm/MHz)	7.56	7.63	7.77	7.82
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
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)	7.56	7.63	7.77	7.82

Table 328 - 802.11ax / HE40 MCS7x1 / RU 52-44 / SISO / Core 1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Raw Conducted PSD (dBm/MHz)	4.06	7.71	7.86	7.84
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
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)	4.06	7.71	7.86	7.84

Table 329 - 802.11ax / HE40 MCS7x1 / RU 106-53 / SISO / Core 1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Raw Conducted PSD (dBm/MHz)	4.39	7.74	7.70	7.81
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.95	3.95	3.95	3.95
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)	4.39	7.74	7.70	7.81

Table 330 - 802.11ax / HE40 MCS7x1 / RU 106-56 / SISO / Core 1



Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted PSD Core 0 (dBm/MHz)	-2.79	3.40	0.27	3.61
Conducted PSD Core 1 (dBm/MHz)	-2.61	3.52	0.67	3.51
Duty Cycle Correction (dB)	0.41	0.40	0.40	0.40
Antenna Directional Gain (dBi)	6.87	6.87	6.87	6.87
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)	0.72	6.87	3.89	6.97

Table 331 - 802.11ax / HE40 MCS7x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted PSD Core 0 (dBm/MHz)	2.39	2.98	3.40	3.63
Conducted PSD Core 1 (dBm/MHz)	3.18	3.65	3.76	3.98
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.87	6.87	6.87
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)	5.82	6.34	6.59	6.82

Table 332 - 802.11ax / HE40 MCS7x1 / RU 52-37 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted PSD Core 0 (dBm/MHz)	2.72	3.22	3.39	3.14
Conducted PSD Core 1 (dBm/MHz)	3.21	3.80	3.87	3.41
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.87	6.87	6.87
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)	5.98	6.53	6.65	6.29

Table 333 - 802.11ax / HE40 MCS7x1 / RU 52-44 / MIMO CDD / Cores 0+1



Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted PSD Core 0 (dBm/MHz)	3.27	3.86	4.10	3.84
Conducted PSD Core 1 (dBm/MHz)	3.91	4.05	4.21	4.45
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.87	6.87	6.87
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)	6.61	6.97	7.17	7.17

Table 334 - 802.11ax / HE40 MCS7x1 / RU 106-53 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted PSD Core 0 (dBm/MHz)	3.29	4.00	4.09	3.95
Conducted PSD Core 1 (dBm/MHz)	3.61	4.16	4.54	4.30
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.87	6.87	6.87
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)	6.46	7.09	7.33	7.14

Table 335 - 802.11ax / HE40 MCS7x1 / RU 106-56 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted PSD Core 0 (dBm/MHz)	-2.94	4.10	0.48	4.14
Conducted PSD Core 1 (dBm/MHz)	-2.89	3.93	0.50	4.00
Duty Cycle Correction (dB)	0.57	0.57	0.57	0.56
Antenna Directional Gain (dBi)	3.86	3.86	3.86	3.86
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)	0.66	7.60	4.07	7.65

Table 336 - 802.11ax / HE40 MCS7x2 / SU / MIMO SDM / Cores 0+1



Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted PSD Core 0 (dBm/MHz)	3.97	4.47	4.80	4.89
Conducted PSD Core 1 (dBm/MHz)	4.48	5.09	5.33	5.13
Duty Cycle Correction (dB)	0.10	0.10	0.10	0.10
Antenna Directional Gain (dBi)	3.86	3.86	3.86	3.86
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)	7.35	7.90	8.19	8.12

Table 337 - 802.11ax / HE40 MCS7x2 / RU 52-37 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted PSD Core 0 (dBm/MHz)	4.10	4.83	4.91	5.03
Conducted PSD Core 1 (dBm/MHz)	4.62	5.00	5.22	5.23
Duty Cycle Correction (dB)	0.10	0.10	0.10	0.10
Antenna Directional Gain (dBi)	3.86	3.86	3.86	3.86
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)	7.48	8.03	8.18	8.24

Table 338 - 802.11ax / HE40 MCS7x2 / RU 52-44 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted PSD Core 0 (dBm/MHz)	3.28	4.89	5.11	5.14
Conducted PSD Core 1 (dBm/MHz)	3.81	5.06	5.25	5.33
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.86	3.86	3.86	3.86
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)	6.56	7.99	8.19	8.25

Table 339 - 802.11ax / HE40 MCS7x2 / RU 106-53 / MIMO SDM / Cores 0+1



Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
Conducted PSD Core 0 (dBm/MHz)	3.19	4.86	5.05	4.95
Conducted PSD Core 1 (dBm/MHz)	3.58	5.41	5.51	5.24
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.86	3.86	3.86	3.86
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)	6.40	8.16	8.29	8.11

Table 340 - 802.11ax / HE40 MCS7x2 / RU 106-56 / MIMO SDM / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Raw Conducted PSD (dBm/MHz)	-4.97	-0.57	1.86
Duty Cycle Correction (dB)	0.92	0.92	0.87
Antenna Directional Gain (dBi)	3.95	3.95	3.95
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)	-4.05	0.35	2.73

Table 341 - 802.11ac / VHT80 MCS7x1 / SISO / Core 1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted PSD Core 0 (dBm/MHz)	-6.72	-0.30	2.00
Conducted PSD Core 1 (dBm/MHz)	-6.65	-0.44	2.11
Duty Cycle Correction (dB)	0.92	0.92	0.89
Antenna Directional Gain (dBi)	6.87	6.87	6.87
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)	-2.76	3.57	5.96

Table 342 - 802.11ac / VHT80 MCS7x1 / MIMO CDD / Cores 0+1



Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted PSD Core 0 (dBm/MHz)	-6.98	-0.58	1.99
Conducted PSD Core 1 (dBm/MHz)	-6.85	-0.66	1.66
Duty Cycle Correction (dB)	1.11	1.12	1.07
Antenna Directional Gain (dBi)	3.86	3.86	3.86
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)	-2.80	3.51	5.91

Table 343 - 802.11ac / VHT80 MCS7x2 / MIMO SDM / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Raw Conducted PSD (dBm/MHz)	-4.76	-0.33	2.03
Duty Cycle Correction (dB)	0.42	0.41	0.41
Antenna Directional Gain (dBi)	3.95	3.95	3.95
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)	-4.33	0.08	2.44

Table 344 - 802.11ax / HE80 MCS7x1 / SU / SISO / Core 1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Raw Conducted PSD (dBm/MHz)	7.36	7.82	7.80
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.95	3.95	3.95
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)	7.36	7.82	7.80

Table 345 - 802.11ax / HE80 MCS7x1 / RU 52-37 / SISO / Core 1



Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Raw Conducted PSD (dBm/MHz)	7.54	8.10	7.84
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.95	3.95	3.95
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)	7.54	8.10	7.84

Table 346 - 802.11ax / HE80 MCS7x1 / RU 52-52 / SISO / Core 1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Raw Conducted PSD (dBm/MHz)	4.38	7.62	7.67
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.95	3.95	3.95
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)	4.38	7.62	7.67

Table 347 - 802.11ax / HE80 MCS7x1 / RU 106-53 / SISO / Core 1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Raw Conducted PSD (dBm/MHz)	4.47	6.70	7.62
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.95	3.95	3.95
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)	4.47	6.70	7.62

Table 348 - 802.11ax / HE80 MCS7x1 / RU 106-60 / SISO / Core 1



Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted PSD Core 0 (dBm/MHz)	-6.29	-0.20	1.99
Conducted PSD Core 1 (dBm/MHz)	-6.66	-0.50	2.12
Duty Cycle Correction (dB)	0.42	0.43	0.40
Antenna Directional Gain (dBi)	6.87	6.87	6.87
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)	-3.04	3.09	5.47

Table 349 - 802.11ax / HE80 MCS7x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted PSD Core 0 (dBm/MHz)	3.09	3.25	3.32
Conducted PSD Core 1 (dBm/MHz)	3.51	3.82	3.66
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.87	6.87
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)	6.32	6.55	6.50

Table 350 - 802.11ax / HE80 MCS7x1 / RU 52-37 / MIMO CDD / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted PSD Core 0 (dBm/MHz)	3.04	3.59	3.33
Conducted PSD Core 1 (dBm/MHz)	3.65	3.75	3.89
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.87	6.87
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)	6.37	6.68	6.63

Table 351 - 802.11ax / HE80 MCS7x1 / RU 52-52 / MIMO CDD / Cores 0+1



Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted PSD Core 0 (dBm/MHz)	1.84	3.39	3.82
Conducted PSD Core 1 (dBm/MHz)	2.20	4.08	4.11
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.87	6.87
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)	5.03	6.76	6.98

Table 352 - 802.11ax / HE80 MCS7x1 / RU 106-53 / MIMO CDD / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted PSD Core 0 (dBm/MHz)	2.12	3.69	3.69
Conducted PSD Core 1 (dBm/MHz)	2.51	4.35	4.08
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.87	6.87
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)	5.33	7.04	6.90

Table 353 - 802.11ax / HE80 MCS7x1 / RU 106-60 / MIMO CDD / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted PSD Core 0 (dBm/MHz)	-6.79	-0.29	1.99
Conducted PSD Core 1 (dBm/MHz)	-6.78	-0.57	2.05
Duty Cycle Correction (dB)	0.61	0.61	0.59
Antenna Directional Gain (dBi)	3.86	3.86	3.86
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)	-3.17	3.19	5.62

Table 354 - 802.11ax / HE80 MCS7x2 / SU / MIMO SDM / Cores 0+1



Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted PSD Core 0 (dBm/MHz)	4.10	4.51	4.98
Conducted PSD Core 1 (dBm/MHz)	4.63	5.15	5.37
Duty Cycle Correction (dB)	0.10	0.10	0.10
Antenna Directional Gain (dBi)	3.86	3.86	3.86
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)	7.49	7.95	8.29

Table 355 - 802.11ax / HE80 MCS7x2 / RU 52-37 / MIMO SDM / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted PSD Core 0 (dBm/MHz)	4.49	5.00	4.77
Conducted PSD Core 1 (dBm/MHz)	5.02	5.34	5.43
Duty Cycle Correction (dB)	0.10	0.10	0.10
Antenna Directional Gain (dBi)	3.86	3.86	3.86
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)	7.88	8.28	8.22

Table 356 - 802.11ax / HE80 MCS7x2 / RU 52-52 / MIMO SDM / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted PSD Core 0 (dBm/MHz)	1.71	4.65	4.90
Conducted PSD Core 1 (dBm/MHz)	2.28	5.20	5.18
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.86	3.86	3.86
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)	5.02	7.94	8.06

Table 357 - 802.11ax / HE80 MCS7x2 / RU 106-53 / MIMO SDM / Cores 0+1



Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
Conducted PSD Core 0 (dBm/MHz)	2.14	4.79	4.87
Conducted PSD Core 1 (dBm/MHz)	2.57	5.04	5.17
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.86	3.86	3.86
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)	5.37	7.93	8.03

Table 358 - 802.11ax / HE80 MCS7x2 / RU 106-60 / MIMO SDM / Cores 0+1



U-NII-3

Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Raw Conducted PSD (dBm/500kHz)	4.62	3.95	5.12	5.00
Duty Cycle Correction (dB)	0.35	0.35	0.35	0.35
Antenna Directional Gain (dBi)	3.76	3.98	3.98	3.98
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)	4.97	4.30	5.47	5.35

Table 359 - 802.11n / HT20 MCS7 / SISO / Core 0

Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	0.09	4.77	4.82	4.21
Conducted PSD Core 1 (dBm/500kHz)	0.53	4.24	4.98	5.34
Duty Cycle Correction (dB)	0.35	0.34	0.34	0.34
Antenna Directional Gain (dBi)	6.87	6.63	6.63	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37	29.37
Conducted PSD Result (dBm/500kHz)	3.68	7.87	8.26	8.16

Table 360 - 802.11n / HT20 MCS7 / MIMO CDD / Cores 0+1

Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	1.53	3.59	4.82	5.26
Conducted PSD Core 1 (dBm/500kHz)	1.33	4.83	4.90	4.98
Duty Cycle Correction (dB)	0.57	0.56	0.55	0.55
Antenna Directional Gain (dBi)	3.86	3.63	3.63	3.63
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)	5.00	7.82	8.43	8.68

Table 361 - 802.11n / HT20 MCS15 / MIMO SDM / Cores 0+1



Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Raw Conducted PSD (dBm/500kHz)	4.40	4.54	4.79	4.84
Duty Cycle Correction (dB)	0.39	0.39	0.37	0.39
Antenna Directional Gain (dBi)	3.76	3.98	3.98	3.98
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)	4.79	4.94	5.16	5.24

Table 362 - 802.11ax / HE20 MCS7x1 / SU / SISO / Core 0

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Raw Conducted PSD (dBm/500kHz)	4.11	4.17	4.13
Duty Cycle Correction (dB)	0.28	0.27	0.27
Antenna Directional Gain (dBi)	3.98	3.98	3.98
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)	4.38	4.45	4.40

Table 363 - 802.11ax / HE20 MCS7x1 / RU 26-0 / SISO / Core 0

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Raw Conducted PSD (dBm/500kHz)	4.07	4.45	4.19
Duty Cycle Correction (dB)	0.27	0.27	0.27
Antenna Directional Gain (dBi)	3.98	3.98	3.98
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)	4.34	4.73	4.46

Table 364 - 802.11ax / HE20 MCS7x1 / RU 26-8 / SISO / Core 0

Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Raw Conducted PSD (dBm/500kHz)	-18.62	3.76	4.14	4.33
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.76	3.98	3.98	3.98
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)	-18.62	3.76	4.14	4.33

Table 365 - 802.11ax / HE20 MCS7x1 / RU 52-37 / SISO / Core 0



Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Raw Conducted PSD (dBm/500kHz)	4.15	3.83	4.35	4.24
Duty Cycle Correction (dB)	0.28	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.76	3.98	3.98	3.98
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	3.83	4.35	4.24

Table 366 - 802.11ax / HE20 MCS7x1 / RU 52-40 / SISO / Core 0

Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Raw Conducted PSD (dBm/500kHz)	-14.27	3.67	4.15	4.06
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.76	3.98	3.98	3.98
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)	-14.27	3.67	4.15	4.06

Table 367 - 802.11ax / HE20 MCS7x1 / RU 106-53 / SISO / Core 0

Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Raw Conducted PSD (dBm/500kHz)	3.62	3.79	3.88	4.40
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.76	3.98	3.98	3.98
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)	3.62	3.79	3.88	4.40

Table 368 - 802.11ax / HE20 MCS7x1 / RU 106-54 / SISO / Core 0

Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	-0.43	4.33	4.01	5.11
Conducted PSD Core 1 (dBm/500kHz)	0.07	4.57	4.74	4.98
Duty Cycle Correction (dB)	0.40	0.39	0.39	0.39
Antenna Directional Gain (dBi)	6.87	6.63	6.63	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37	29.37
Conducted PSD Result (dBm/500kHz)	3.24	7.85	7.78	8.44

Table 369 - 802.11ax / HE20 MCS7x1 / SU / MIMO CDD / Cores 0+1



Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	3.83	4.22	4.20
Conducted PSD Core 1 (dBm/500kHz)	3.97	4.23	4.16
Duty Cycle Correction (dB)	0.27	0.27	0.27
Antenna Directional Gain (dBi)	6.63	6.63	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.37	29.37	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.37	29.37	29.37
Conducted PSD Result (dBm/500kHz)	7.19	7.51	7.47

Table 370 - 802.11ax / HE20 MCS7x1 / RU 26-0 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	4.32	4.16	4.52
Conducted PSD Core 1 (dBm/500kHz)	4.00	4.21	4.19
Duty Cycle Correction (dB)	0.27	0.27	0.26
Antenna Directional Gain (dBi)	6.63	6.63	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.37	29.37	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.37	29.37	29.37
Conducted PSD Result (dBm/500kHz)	7.45	7.47	7.63

Table 371 - 802.11ax / HE20 MCS7x1 / 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)	-22.71	3.83	4.15	4.42
Conducted PSD Core 1 (dBm/500kHz)	-21.79	4.15	4.53	4.64
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.63	6.63	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37	29.37
Conducted PSD Result (dBm/500kHz)	-19.21	7.00	7.35	7.54

Table 372 - 802.11ax / HE20 MCS7x1 / RU 52-37 / MIMO CDD / Cores 0+1



Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	0.22	3.89	4.18	4.12
Conducted PSD Core 1 (dBm/500kHz)	0.20	4.19	4.50	4.49
Duty Cycle Correction (dB)	0.29	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.63	6.63	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37	29.37
Conducted PSD Result (dBm/500kHz)	3.51	7.05	7.35	7.32

Table 373 - 802.11ax / HE20 MCS7x1 / RU 52-40 / MIMO CDD / Cores 0+1

Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	-18.94	3.70	4.08	3.96
Conducted PSD Core 1 (dBm/500kHz)	-17.83	3.95	4.28	4.64
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.63	6.63	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37	29.37
Conducted PSD Result (dBm/500kHz)	-15.34	6.84	7.19	7.32

Table 374 - 802.11ax / HE20 MCS7x1 / RU 106-53 / MIMO CDD / Cores 0+1

Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	0.23	3.76	3.95	4.42
Conducted PSD Core 1 (dBm/500kHz)	0.50	4.13	4.33	4.60
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.63	6.63	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37	29.37
Conducted PSD Result (dBm/500kHz)	3.38	6.96	7.16	7.52

Table 375 - 802.11ax / HE20 MCS7x1 / RU 106-54 / MIMO CDD / Cores 0+1



Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	1.32	4.35	4.81	5.11
Conducted PSD Core 1 (dBm/500kHz)	1.57	4.62	5.08	5.10
Duty Cycle Correction (dB)	0.56	0.55	0.55	0.55
Antenna Directional Gain (dBi)	3.86	3.63	3.63	3.63
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)	5.02	8.05	8.51	8.66

Table 376 - 802.11ax / HE20 MCS7x2 / SU / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	3.85	4.26	4.22
Conducted PSD Core 1 (dBm/500kHz)	3.85	4.24	4.22
Duty Cycle Correction (dB)	0.27	0.27	0.27
Antenna Directional Gain (dBi)	3.63	3.63	3.63
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)	7.13	7.54	7.50

Table 377 - 802.11ax / HE20 MCS7x2 / RU 26-0 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	4.31	4.00	4.50
Conducted PSD Core 1 (dBm/500kHz)	4.41	4.25	4.12
Duty Cycle Correction (dB)	0.27	0.26	0.27
Antenna Directional Gain (dBi)	3.63	3.63	3.63
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)	7.64	7.40	7.60

Table 378 - 802.11ax / HE20 MCS7x2 / RU 26-8 / MIMO SDM / Cores 0+1



Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	-20.02	3.73	4.01	4.29
Conducted PSD Core 1 (dBm/500kHz)	-18.07	3.99	4.40	4.57
Duty Cycle Correction (dB)	0.10	0.10	0.10	0.10
Antenna Directional Gain (dBi)	3.86	3.63	3.63	3.63
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)	-15.83	6.97	7.32	7.54

Table 379 - 802.11ax / HE20 MCS7x2 / RU 52-37 / MIMO SDM / Cores 0+1

Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	1.87	3.82	4.20	4.03
Conducted PSD Core 1 (dBm/500kHz)	1.95	4.45	4.41	4.64
Duty Cycle Correction (dB)	0.29	0.10	0.10	0.10
Antenna Directional Gain (dBi)	3.86	3.63	3.63	3.63
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)	5.21	7.25	7.41	7.45

Table 380 - 802.11ax / HE20 MCS7x2 / RU 52-40 / MIMO SDM / Cores 0+1

Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	-16.25	3.67	4.15	4.05
Conducted PSD Core 1 (dBm/500kHz)	-14.81	3.85	4.19	4.62
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.86	3.63	3.63	3.63
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)	-12.46	6.77	7.18	7.36

Table 381 - 802.11ax / HE20 MCS7x2 / RU 106-53 / MIMO SDM / Cores 0+1



Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
Conducted PSD Core 0 (dBm/500kHz)	1.03	3.74	3.90	4.32
Conducted PSD Core 1 (dBm/500kHz)	1.73	4.23	4.35	4.48
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.86	3.63	3.63	3.63
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)	4.40	7.00	7.14	7.41

Table 382 - 802.11ax / HE20 MCS7x2 / RU 106-54 / MIMO SDM / Cores 0+1

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Raw Conducted PSD (dBm/500kHz)	1.24	1.73	2.65
Duty Cycle Correction (dB)	0.61	0.61	0.61
Antenna Directional Gain (dBi)	3.76	3.98	3.98
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)	1.85	2.34	3.27

Table 383 - 802.11n / HT40 MCS7 / SISO / Core 0

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	1.07	1.48	2.32
Conducted PSD Core 1 (dBm/500kHz)	0.84	1.68	2.37
Duty Cycle Correction (dB)	0.61	0.59	0.58
Antenna Directional Gain (dBi)	6.87	6.63	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37
Conducted PSD Result (dBm/500kHz)	4.57	5.18	5.93

Table 384 - 802.11n / HT40 MCS7 / MIMO CDD / Cores 0+1



Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	1.58	2.09	2.40
Conducted PSD Core 1 (dBm/500kHz)	1.14	2.88	3.05
Duty Cycle Correction (dB)	0.86	0.83	0.83
Antenna Directional Gain (dBi)	3.86	3.63	3.63
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)	5.23	6.34	6.58

Table 385 - 802.11n / HT40 MCS15 / MIMO SDM / Cores 0+1

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Raw Conducted PSD (dBm/500kHz)	0.57	1.97	1.89
Duty Cycle Correction (dB)	0.40	0.40	0.40
Antenna Directional Gain (dBi)	3.76	3.98	3.98
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	2.37	2.29

Table 386 - 802.11ax / HE40 MCS7x1 / SU / SISO / Core 0

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Raw Conducted PSD (dBm/500kHz)	4.01	4.62
Duty Cycle Correction (dB)	0.28	0.28
Antenna Directional Gain (dBi)	3.98	3.98
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)	4.29	4.90

Table 387 - 802.11ax / HE40 MCS7x1 / RU 26-0 / SISO / Core 0



Channel	Bottom	Top
Frequency (MHz)	5755	5795
Raw Conducted PSD (dBm/500kHz)	4.52	4.93
Duty Cycle Correction (dB)	0.27	0.28
Antenna Directional Gain (dBi)	3.98	3.98
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)	4.79	5.21

Table 388 - 802.11ax / HE40 MCS7x1 / RU 26-17 / SISO / Core 0

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Raw Conducted PSD (dBm/500kHz)	-36.87	3.96	4.21
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.76	3.98	3.98
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)	-36.87	3.96	4.21

Table 389 - 802.11ax / HE40 MCS7x1 / RU 52-37 / SISO / Core 0

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Raw Conducted PSD (dBm/500kHz)	3.85	4.07	4.19
Duty Cycle Correction (dB)	0.30	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.76	3.98	3.98
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)	4.15	4.07	4.19

Table 390 - 802.11ax / HE40 MCS7x1 / RU 52-44 / SISO / Core 0

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Raw Conducted PSD (dBm/500kHz)	-35.73	3.87	3.94
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.76	3.98	3.98
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)	-35.73	3.87	3.94

Table 391 - 802.11ax / HE40 MCS7x1 / RU 106-53 / SISO / Core 0



Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Raw Conducted PSD (dBm/500kHz)	3.82	4.05	4.22
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.76	3.98	3.98
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)	3.82	4.05	4.22

Table 392 - 802.11ax / HE40 MCS7x1 / RU 106-56 / SISO / Core 0

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	-0.72	2.14	2.09
Conducted PSD Core 1 (dBm/500kHz)	0.42	2.27	2.29
Duty Cycle Correction (dB)	0.40	0.40	0.39
Antenna Directional Gain (dBi)	6.87	6.63	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37
Conducted PSD Result (dBm/500kHz)	3.30	5.61	5.59

Table 393 - 802.11ax / HE40 MCS7x1 / SU / MIMO CDD / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	4.05	4.63
Conducted PSD Core 1 (dBm/500kHz)	4.01	4.65
Duty Cycle Correction (dB)	0.28	0.28
Antenna Directional Gain (dBi)	6.63	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.37	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.37	29.37
Conducted PSD Result (dBm/500kHz)	7.32	7.93

Table 394 - 802.11ax / HE40 MCS7x1 / RU 26-0 / MIMO CDD / Cores 0+1



Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	4.68	4.73
Conducted PSD Core 1 (dBm/500kHz)	4.47	4.44
Duty Cycle Correction (dB)	0.28	0.28
Antenna Directional Gain (dBi)	6.63	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.37	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.37	29.37
Conducted PSD Result (dBm/500kHz)	7.86	7.88

Table 395 - 802.11ax / HE40 MCS7x1 / RU 26-17 / MIMO CDD / Cores 0+1

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	-42.20	3.80	3.79
Conducted PSD Core 1 (dBm/500kHz)	-43.03	4.16	4.48
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.63	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37
Conducted PSD Result (dBm/500kHz)	-39.58	6.99	7.16

Table 396 - 802.11ax / HE40 MCS7x1 / RU 52-37 / MIMO CDD / Cores 0+1

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	-0.05	4.15	4.25
Conducted PSD Core 1 (dBm/500kHz)	-0.27	4.24	4.77
Duty Cycle Correction (dB)	0.30	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.63	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37
Conducted PSD Result (dBm/500kHz)	3.15	7.21	7.53

Table 397 - 802.11ax / HE40 MCS7x1 / RU 52-44 / MIMO CDD / Cores 0+1



Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	-40.50	3.84	4.09
Conducted PSD Core 1 (dBm/500kHz)	-40.18	4.31	4.53
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.63	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37
Conducted PSD Result (dBm/500kHz)	-37.33	7.09	7.33

Table 398 - 802.11ax / HE40 MCS7x1 / RU 106-53 / MIMO CDD / Cores 0+1

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	0.36	4.13	4.22
Conducted PSD Core 1 (dBm/500kHz)	0.65	4.30	4.76
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.63	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.13	29.37	29.37
Conducted PSD Result (dBm/500kHz)	3.52	7.22	7.51

Table 399 - 802.11ax / HE40 MCS7x1 / RU 106-56 / MIMO CDD / Cores 0+1

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	0.68	1.73	2.34
Conducted PSD Core 1 (dBm/500kHz)	1.00	2.21	1.56
Duty Cycle Correction (dB)	0.53	0.56	0.56
Antenna Directional Gain (dBi)	3.86	3.63	3.63
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)	4.38	5.54	5.54

Table 400 - 802.11ax / HE40 MCS7x2 / SU / MIMO SDM / Cores 0+1



Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	4.09	4.46
Conducted PSD Core 1 (dBm/500kHz)	3.85	4.61
Duty Cycle Correction (dB)	0.28	0.28
Antenna Directional Gain (dBi)	3.63	3.63
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)	7.27	7.83

Table 401 - 802.11ax / HE40 MCS7x2 / RU 26-0 / MIMO SDM / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	4.63	4.79
Conducted PSD Core 1 (dBm/500kHz)	4.34	4.82
Duty Cycle Correction (dB)	0.28	0.28
Antenna Directional Gain (dBi)	3.63	3.63
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)	7.78	8.09

Table 402 - 802.11ax / HE40 MCS7x2 / RU 26-17 / MIMO SDM / Cores 0+1

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	-41.33	3.75	3.95
Conducted PSD Core 1 (dBm/500kHz)	-40.64	4.25	4.60
Duty Cycle Correction (dB)	0.10	0.10	0.10
Antenna Directional Gain (dBi)	3.86	3.63	3.63
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)	-37.86	7.12	7.40

Table 403 - 802.11ax / HE40 MCS7x2 / RU 52-37 / MIMO SDM / Cores 0+1



Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	1.72	4.11	4.14
Conducted PSD Core 1 (dBm/500kHz)	1.36	4.15	4.70
Duty Cycle Correction (dB)	0.30	0.10	0.10
Antenna Directional Gain (dBi)	3.86	3.63	3.63
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)	4.85	7.24	7.54

Table 404 - 802.11ax / HE40 MCS7x2 / RU 52-44 / MIMO SDM / Cores 0+1

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	-37.55	4.10	4.21
Conducted PSD Core 1 (dBm/500kHz)	-38.96	4.20	4.22
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.86	3.63	3.63
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)	-35.19	7.16	7.23

Table 405 - 802.11ax / HE40 MCS7x2 / RU 106-53 / MIMO SDM / Cores 0+1

Channel	Straddle	Bottom	Top
Frequency (MHz)	5710	5755	5795
Conducted PSD Core 0 (dBm/500kHz)	1.21	4.03	4.15
Conducted PSD Core 1 (dBm/500kHz)	1.78	4.26	4.67
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.86	3.63	3.63
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)	4.51	7.16	7.43

Table 406 - 802.11ax / HE40 MCS7x2 / RU 106-56 / MIMO SDM / Cores 0+1



Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Raw Conducted PSD (dBm/500kHz)	-0.43	-0.59
Duty Cycle Correction (dB)	0.92	0.92
Antenna Directional Gain (dBi)	3.76	3.98
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)	0.49	0.33

Table 407 - 802.11ac / VHT80 MCS7x1 / SISO / Core 0

Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Conducted PSD Core 0 (dBm/500kHz)	-0.56	-2.55
Conducted PSD Core 1 (dBm/500kHz)	-0.68	-2.17
Duty Cycle Correction (dB)	0.88	0.92
Antenna Directional Gain (dBi)	6.87	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.13	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.13	29.37
Conducted PSD Result (dBm/500kHz)	3.27	1.58

Table 408 - 802.11ac / VHT80 MCS7x1 / MIMO CDD / Cores 0+1

Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Conducted PSD Core 0 (dBm/500kHz)	-0.61	-2.63
Conducted PSD Core 1 (dBm/500kHz)	-0.53	-2.30
Duty Cycle Correction (dB)	1.06	1.10
Antenna Directional Gain (dBi)	3.86	3.63
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)	3.51	1.65

Table 409 - 802.11ac / VHT80 MCS7x2 / MIMO SDM / Cores 0+1



Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Raw Conducted PSD (dBm/500kHz)	-0.72	-0.70
Duty Cycle Correction (dB)	0.42	0.42
Antenna Directional Gain (dBi)	3.76	3.98
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)	-0.30	-0.28

Table 410 - 802.11ax / HE80 MCS7x1 / SU / SISO / Core 0

Channel	Middle
Frequency (MHz)	5775
Raw Conducted PSD (dBm/500kHz)	4.12
Duty Cycle Correction (dB)	0.29
Antenna Directional Gain (dBi)	3.98
15.407 Conducted PSD Limit (dBm/500kHz)	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00
Conducted PSD Result (dBm/500kHz)	4.41

Table 411 - 802.11ax / HE80 MCS7x1 / RU 26-0 / SISO / Core 0

Channel	Middle
Frequency (MHz)	5775
Raw Conducted PSD (dBm/500kHz)	4.53
Duty Cycle Correction (dB)	0.29
Antenna Directional Gain (dBi)	3.98
15.407 Conducted PSD Limit (dBm/500kHz)	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00
Conducted PSD Result (dBm/500kHz)	4.82

Table 412 - 802.11ax / HE80 MCS7x1 / RU 26-36 / SISO / Core 0

Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Raw Conducted PSD (dBm/500kHz)	-41.05	4.32
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.76	3.98
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)	-41.05	4.32

Table 413 - 802.11ax / HE80 MCS7x1 / RU 52-37 / SISO / Core 0



Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Raw Conducted PSD (dBm/500kHz)	4.32	4.56
Duty Cycle Correction (dB)	0.31	N/A SA-1
Antenna Directional Gain (dBi)	3.76	3.98
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)	4.63	4.56

Table 414 - 802.11ax / HE80 MCS7x1 / RU 52-52 / SISO / Core 0

Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Raw Conducted PSD (dBm/500kHz)	-36.24	3.94
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.76	3.98
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)	-36.24	3.94

Table 415 - 802.11ax / HE80 MCS7x1 / RU 106-53 / SISO / Core 0

Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Raw Conducted PSD (dBm/500kHz)	3.90	4.28
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.76	3.98
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)	3.90	4.28

Table 416 - 802.11ax / HE80 MCS7x1 / RU 106-60 / SISO / Core 0

Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Conducted PSD Core 0 (dBm/500kHz)	-0.85	-2.82
Conducted PSD Core 1 (dBm/500kHz)	0.00	-3.31
Duty Cycle Correction (dB)	0.41	0.42
Antenna Directional Gain (dBi)	6.87	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.13	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.13	29.37
Conducted PSD Result (dBm/500kHz)	3.01	0.37

Table 417 - 802.11ax / HE80 MCS7x1 / SU / MIMO CDD / Cores 0+1



Channel	Middle
Frequency (MHz)	5775
Conducted PSD Core 0 (dBm/500kHz)	4.21
Conducted PSD Core 1 (dBm/500kHz)	3.95
Duty Cycle Correction (dB)	0.29
Antenna Directional Gain (dBi)	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.37
Conducted PSD Result (dBm/500kHz)	7.38

Table 418 - 802.11ax / HE80 MCS7x1 / RU 26-0 / MIMO CDD / Cores 0+1

Channel	Middle
Frequency (MHz)	5775
Conducted PSD Core 0 (dBm/500kHz)	4.48
Conducted PSD Core 1 (dBm/500kHz)	4.44
Duty Cycle Correction (dB)	0.29
Antenna Directional Gain (dBi)	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.37
Conducted PSD Result (dBm/500kHz)	7.76

Table 419 - 802.11ax / HE80 MCS7x1 / RU 26-36 / MIMO CDD / Cores 0+1

Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Conducted PSD Core 0 (dBm/500kHz)	-42.70	4.21
Conducted PSD Core 1 (dBm/500kHz)	-42.00	4.68
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.13	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.13	29.37
Conducted PSD Result (dBm/500kHz)	-39.33	7.47

Table 420 - 802.11ax / HE80 MCS7x1 / RU 52-37 / MIMO CDD / Cores 0+1



Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Conducted PSD Core 0 (dBm/500kHz)	0.63	4.55
Conducted PSD Core 1 (dBm/500kHz)	0.25	4.90
Duty Cycle Correction (dB)	0.31	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.13	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.13	29.37
Conducted PSD Result (dBm/500kHz)	3.76	7.74

Table 421 - 802.11ax / HE80 MCS7x1 / RU 52-52 / MIMO CDD / Cores 0+1

Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Conducted PSD Core 0 (dBm/500kHz)	-41.69	3.93
Conducted PSD Core 1 (dBm/500kHz)	-41.12	4.33
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.13	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.13	29.37
Conducted PSD Result (dBm/500kHz)	-38.39	7.15

Table 422 - 802.11ax / HE80 MCS7x1 / RU 106-53 / MIMO CDD / Cores 0+1

Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Conducted PSD Core 0 (dBm/500kHz)	0.31	4.31
Conducted PSD Core 1 (dBm/500kHz)	0.76	4.73
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	6.87	6.63
15.407 Conducted PSD Limit (dBm/500kHz)	29.13	29.37
RSS-247 Conducted PSD Limit (dBm/500kHz)	29.13	29.37
Conducted PSD Result (dBm/500kHz)	3.55	7.53

Table 423 - 802.11ax / HE80 MCS7x1 / RU 106-60 / MIMO CDD / Cores 0+1



Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Conducted PSD Core 0 (dBm/500kHz)	-1.04	-3.28
Conducted PSD Core 1 (dBm/500kHz)	-0.71	-3.62
Duty Cycle Correction (dB)	0.57	0.60
Antenna Directional Gain (dBi)	3.86	3.63
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)	2.71	0.16

Table 424 - 802.11ax / HE80 MCS7x2 / SU / MIMO SDM / Cores 0+1

Channel	Middle
Frequency (MHz)	5775
Conducted PSD Core 0 (dBm/500kHz)	4.26
Conducted PSD Core 1 (dBm/500kHz)	3.97
Duty Cycle Correction (dB)	0.29
Antenna Directional Gain (dBi)	3.63
15.407 Conducted PSD Limit (dBm/500kHz)	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00
Conducted PSD Result (dBm/500kHz)	7.42

Table 425 - 802.11ax / HE80 MCS7x2 / RU 26-0 / MIMO SDM / Cores 0+1

Channel	Middle
Frequency (MHz)	5775
Conducted PSD Core 0 (dBm/500kHz)	4.75
Conducted PSD Core 1 (dBm/500kHz)	4.39
Duty Cycle Correction (dB)	0.29
Antenna Directional Gain (dBi)	3.63
15.407 Conducted PSD Limit (dBm/500kHz)	30.00
RSS-247 Conducted PSD Limit (dBm/500kHz)	30.00
Conducted PSD Result (dBm/500kHz)	7.88

Table 426 - 802.11ax / HE80 MCS7x2 / RU 26-36 / MIMO SDM / Cores 0+1



Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Conducted PSD Core 0 (dBm/500kHz)	-41.71	4.09
Conducted PSD Core 1 (dBm/500kHz)	-39.89	4.67
Duty Cycle Correction (dB)	0.10	0.10
Antenna Directional Gain (dBi)	3.86	3.63
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)	-37.59	7.50

Table 427 - 802.11ax / HE80 MCS7x2 / RU 52-37 / MIMO SDM / Cores 0+1

Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Conducted PSD Core 0 (dBm/500kHz)	1.86	4.50
Conducted PSD Core 1 (dBm/500kHz)	1.69	4.82
Duty Cycle Correction (dB)	0.31	0.10
Antenna Directional Gain (dBi)	3.86	3.63
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)	5.10	7.78

Table 428 - 802.11ax / HE80 MCS7x2 / RU 52-52 / MIMO SDM / Cores 0+1

Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Conducted PSD Core 0 (dBm/500kHz)	-40.49	4.00
Conducted PSD Core 1 (dBm/500kHz)	-40.19	4.16
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.86	3.63
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)	-37.32	7.09

Table 429 - 802.11ax / HE80 MCS7x2 / RU 106-53 / MIMO SDM / Cores 0+1



Channel	Straddle	Middle
Frequency (MHz)	5690	5775
Conducted PSD Core 0 (dBm/500kHz)	1.53	4.26
Conducted PSD Core 1 (dBm/500kHz)	1.82	4.80
Duty Cycle Correction (dB)	N/A SA-1	N/A SA-1
Antenna Directional Gain (dBi)	3.86	3.63
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)	4.69	7.55

Table 430 - 802.11ax / HE80 MCS7x2 / RU 106-60 / 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 Power Spectral Density	17 dBm/MHz for master device 11 dBm/MHz for mobile/portable client device	11 dBm/MHz		30 dBm/500 kHz

Table 431

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	-	-	-	-
Other	≤10 dBm/MHz EIRP	≤11 dBm/MHz	≤11 dBm/MHz	≤30 dBm/500kHz

Table 432



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	08-Nov-2020
Multimeter	Iso-tech	IDM101	2424	12	12-Dec-2020
Hygrometer	Rotronic	I-1000	3220	12	25-Sep-2020
Network Analyser	Rohde & Schwarz	ZVA 40	3548	12	11-Dec-2020
Multimeter	Fluke	177	3813	12	09-Oct-2020
1800-6000 MHz Power Splitter	Mini-Circuits	ZN2PD-63-S+	4055	-	O/P Mon
Calibration Unit	Rohde & Schwarz	ZV-Z54	4368	12	28-Nov-2020
Frequency Standard	Spectracom	SecureSync 1200-0408-0601	4393	6	08-Nov-2020
Power splitter - 2 port	Mini-Circuits	ZN2PD-63-S+	4743	12	23-Sep-2020
EXA	Keysight Technologies	N9010B	4968	24	23-Dec-2021
Cable (40 GHz)	Rosenberger	LU1-001-500	5021	12	22-Jun-2021
Cable (18 GHz)	Rosenberger	LU7-071-1000	5096	12	22-Jun-2021
AC Programmable Power Supply	iTech	IT7324	5227	-	06-Feb-2020
Power Splitter, 2 way	Mini-Circuits	ZN2PD2-63-S+	5238	-	O/P Mon
3.5 mm 1m Cable	Junkosha	MWX221-01000DMS	5417	12	22-Jun-2021
3.5 mm 1m Cable	Junkosha	MWX221-01000DMS	5418	12	22-Jun-2021
Attenuator 2W 10dB DC-10GHz	Telegartner	J01156A0031	5575	-	O/P Mon
Attenuator 2W 10dB DC-10GHz	Telegartner	J01156A0031	5579	-	O/P Mon
Attenuator 2W 10dB DC-10GHz	Telegartner	J01156A0031	5580	-	O/P Mon
Cable 2.92m	Junkosha	MWX241/B	5411	12	22-Jun-2021
3.5 mm 2m Cable	Junkosha	MWX221-02000DMS	5430	12	22-Jun-2021
MXA Signal Analyser	Keysight Technologies	N9020B	5529	24	04-Mar-2022
Attenuator 2W 10dB DC-10GHz	Telegartner	J01156A0031	5581	-	O/P Mon
Thermo-Hygro-Barometer	PCE Instruments	PCE-THB 40	5605	12	08-Sep-2021

Table 433

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)
ISED RSS-247, Clause 6.2

2.3.2 Equipment Under Test and Modification State

A2169, S/N: C07CL0AMQ4TG - Modification State 0

2.3.3 Date of Test

18-September-2020 to 30-September-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 (dB μ V/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.

The measurements displayed within this report, have been limited to those modes which have been shown to be worst case.

Further measurements are held on file by TÜV SÜD and are available if required.

2.3.5 Environmental Conditions

Ambient Temperature	17.8 – 23.8 °C
Relative Humidity	44.8 – 64.1 %



2.3.6 Test Results

5 GHz WLAN

Mode	Data Rate /MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuV/m)
802.11a, Core1	6 Mbps	-	-	5500	5470	57.23
802.11n, HT20 Core 1	MCS7	-	-	5500	5470	61.05
802.11ax HE20, Core 1	MCS7	SU	-	5500	5470	63.63
802.11ax HE20, Core 1	MCS7	54	37	5500	5470	56.77
802.11a, Core 1	6 Mbps	-	-	5700	5725	57.21
802.11n, HT20 Core 1	MCS7	-	-	5700	5725	61.17
802.11ax HE20, Core 1	MCS7	SU	-	5700	5725	62.46
802.11ax HE20, Core 1	MCS7	52	40	5700	5725	56.43
802.11a, Core 0	6 Mbps	-	-	5745	5725	56.15
802.11n HT20, Core 0	MCS7	-	-	5745	5725	55.96
802.11ax HE20, Core 0	MCS7	SU	-	5745	5725	55.87
802.11ax HE20, Core 0	MCS7	26	0	5745	5725	55.53
802.11a, Core 0	6 Mbps	-	-	5825	5850	56.91
802.11n HT20, Core 0	MCS7	-	-	5825	5850	56.66
802.11ax HE20, Core 0	MCS7	SU	-	5825	5850	56.52
802.11ax HE20, Core 0	MCS7	26	8	5825	5850	55.09

Table 434 - SISO Authorised Band Edge results

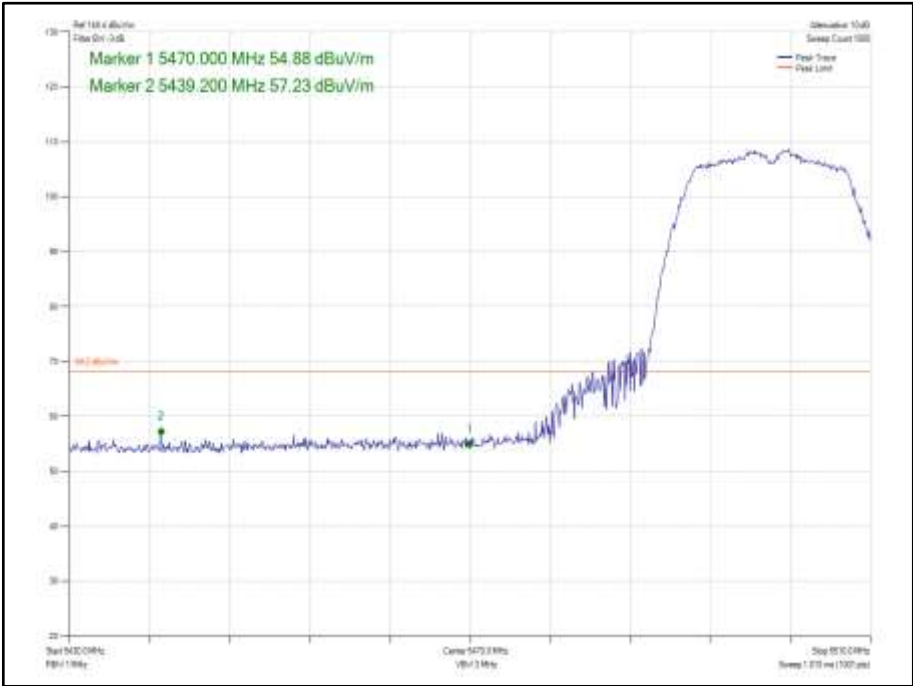


Figure 1 - 802.11a, Core 1 - 5500 MHz
Band Edge Frequency 5470 MHz

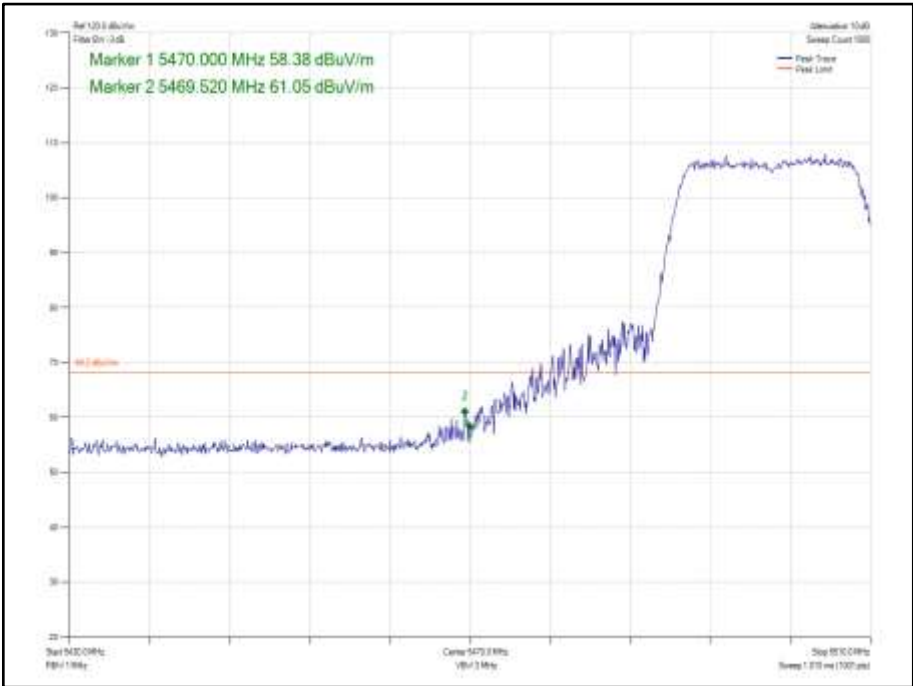
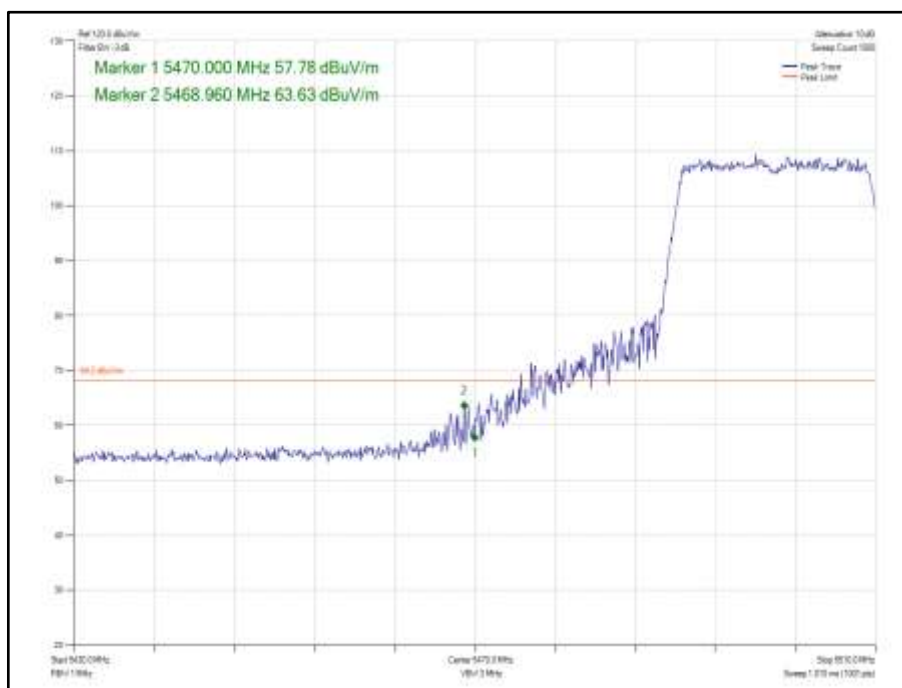
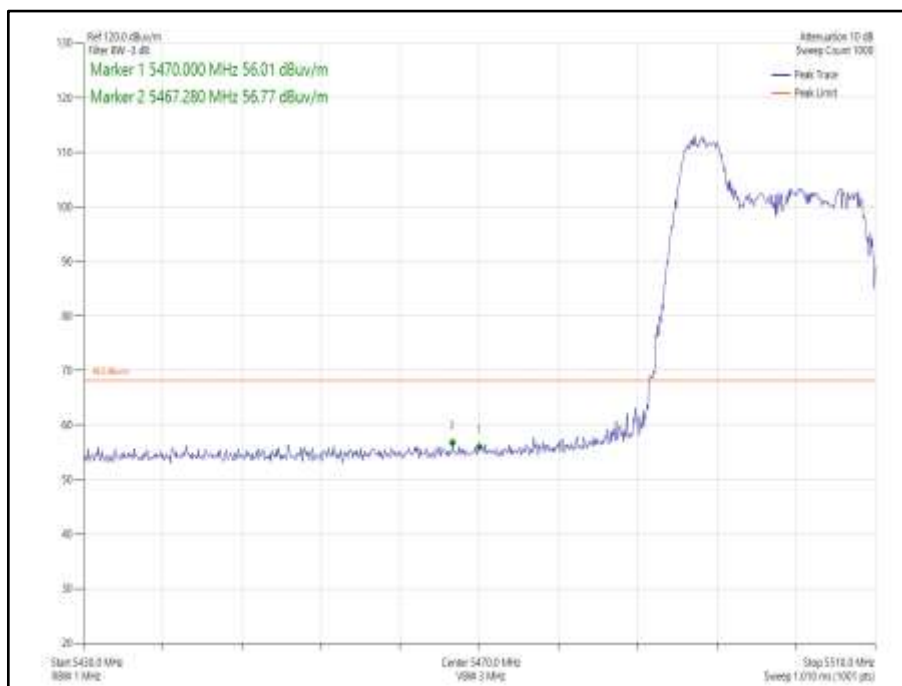


Figure 2 - 802.11n HT20, Core 1 - 5500 MHz
Band Edge Frequency 5470 MHz



**Figure 3- 802.11ax HE20, Core 1, SU - 5500 MHz
Band Edge Frequency 5470 MHz**



**Figure 4- 802.11ax HE20, Core 1, 52-37 - 5500 MHz
Band Edge Frequency 5470 MHz**

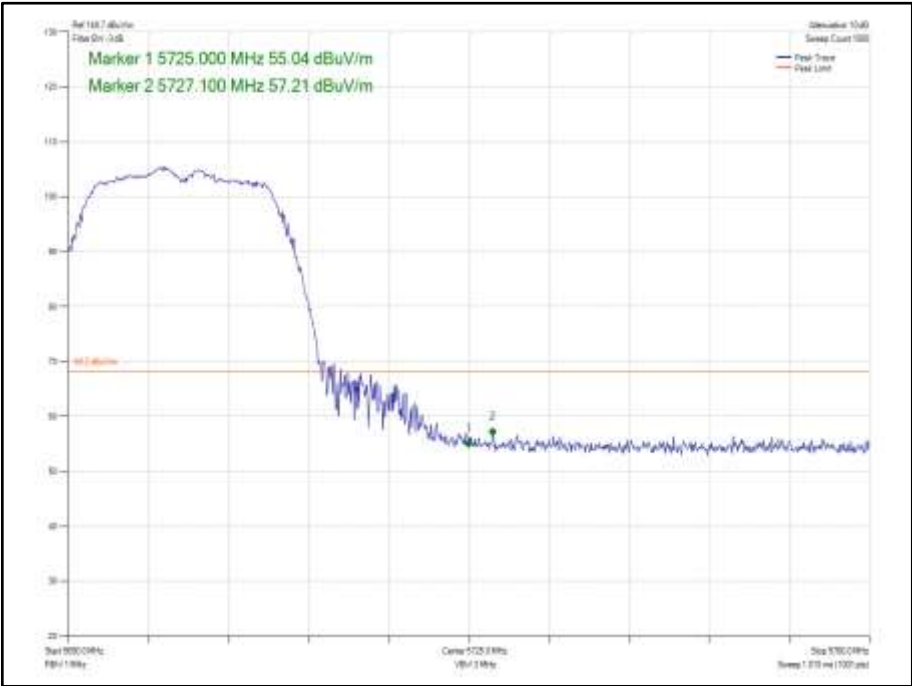


Figure 5 - 802.11a, Core 1 - 5700 MHz
Band Edge Frequency 5725 MHz

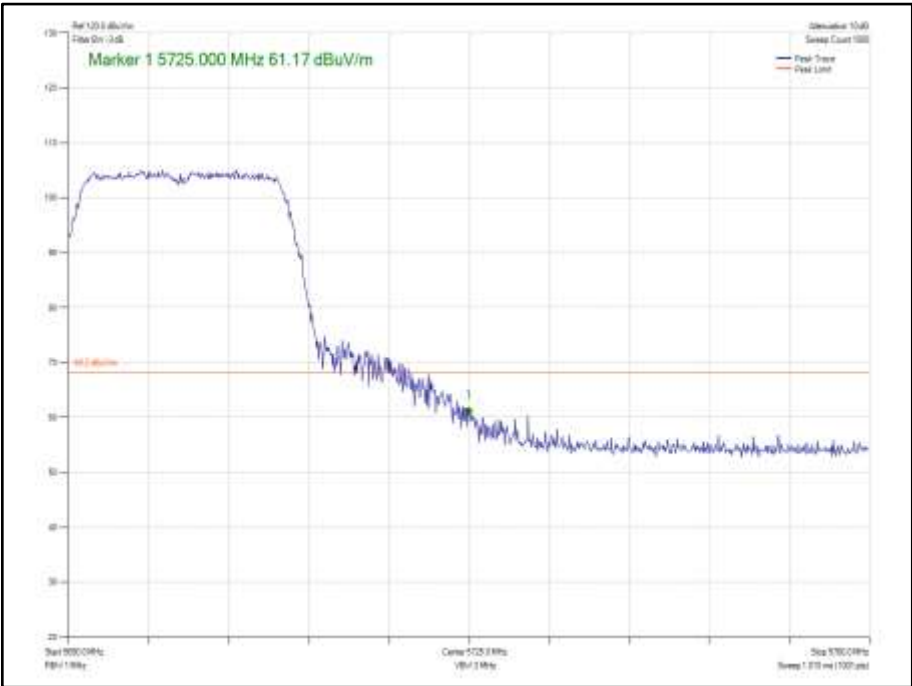


Figure 6 - 802.11n HT20, Core 1 - 5700 MHz
Band Edge Frequency 5725 MHz

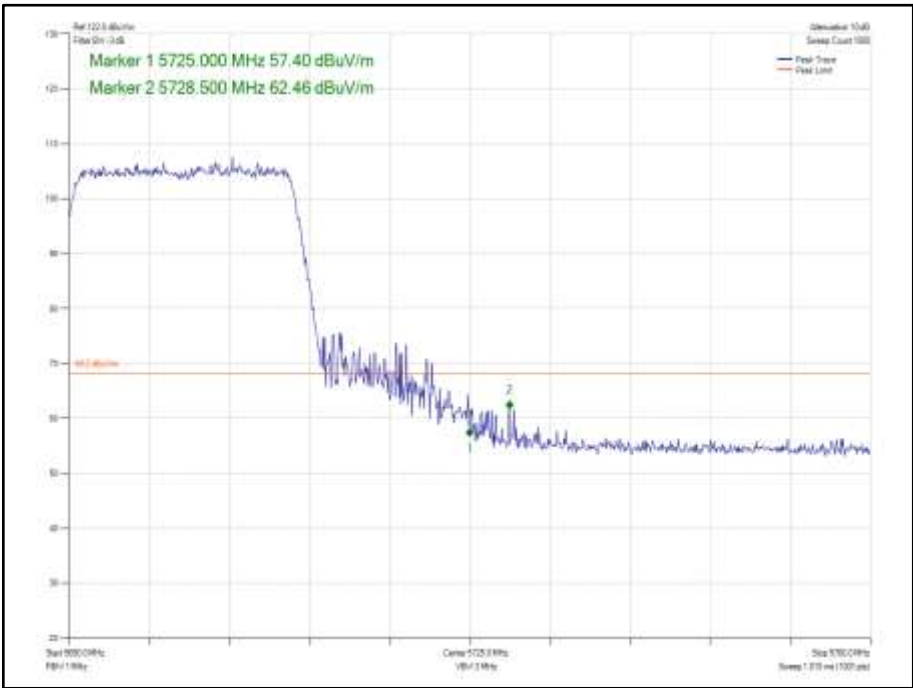


Figure 7- 802.11ax HE20, Core 1, SU - 5700 MHz
Band Edge Frequency 5725 MHz

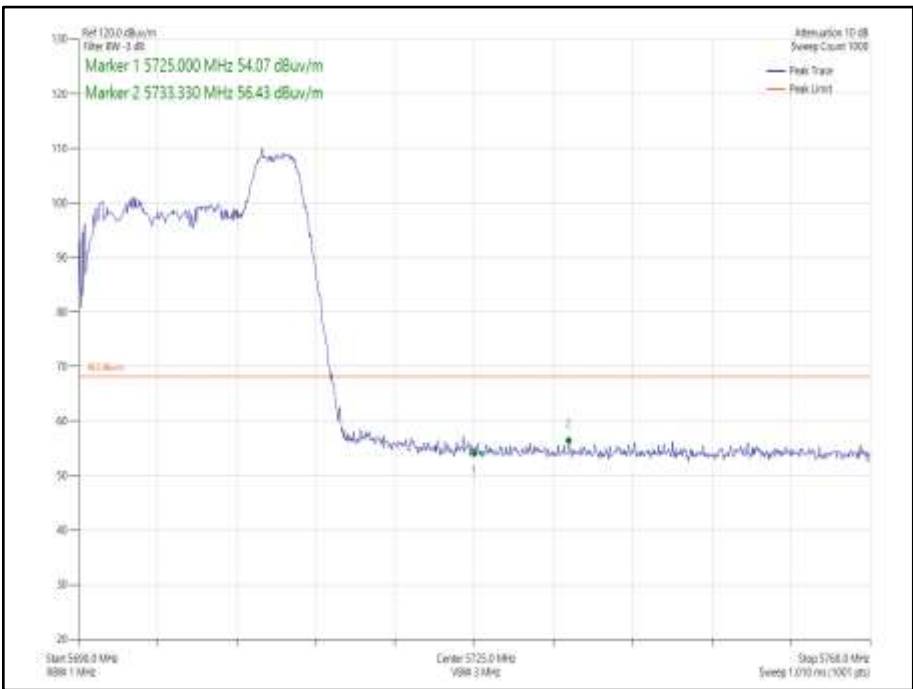


Figure 8- 802.11ax HE20, Core 1, 52-40 - 5700 MHz
Band Edge Frequency 5725 MHz

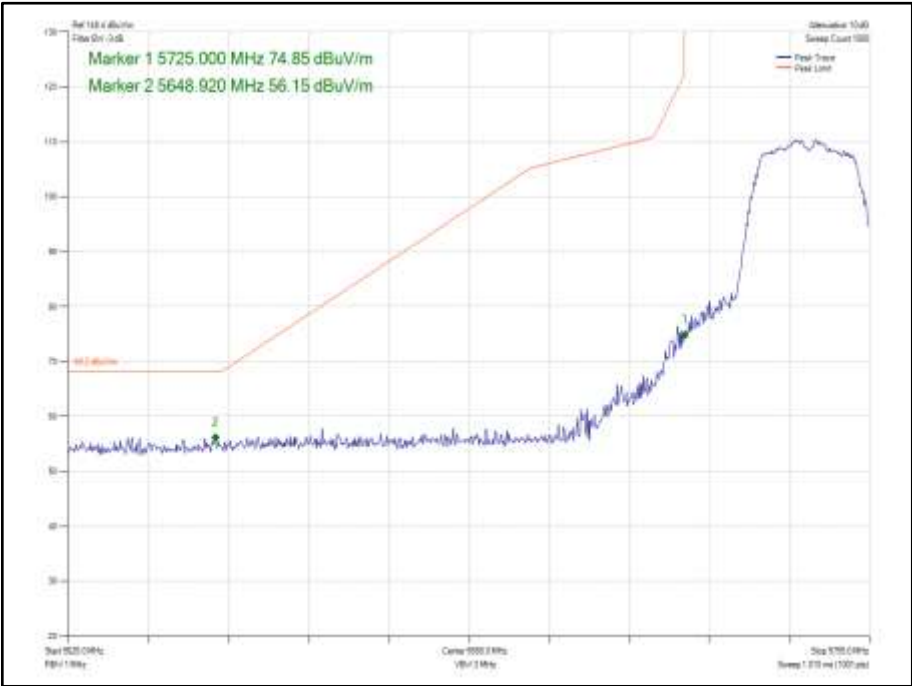


Figure 9 - 802.11a, Core 0 - 5745 MHz
Band Edge Frequency 5725 MHz

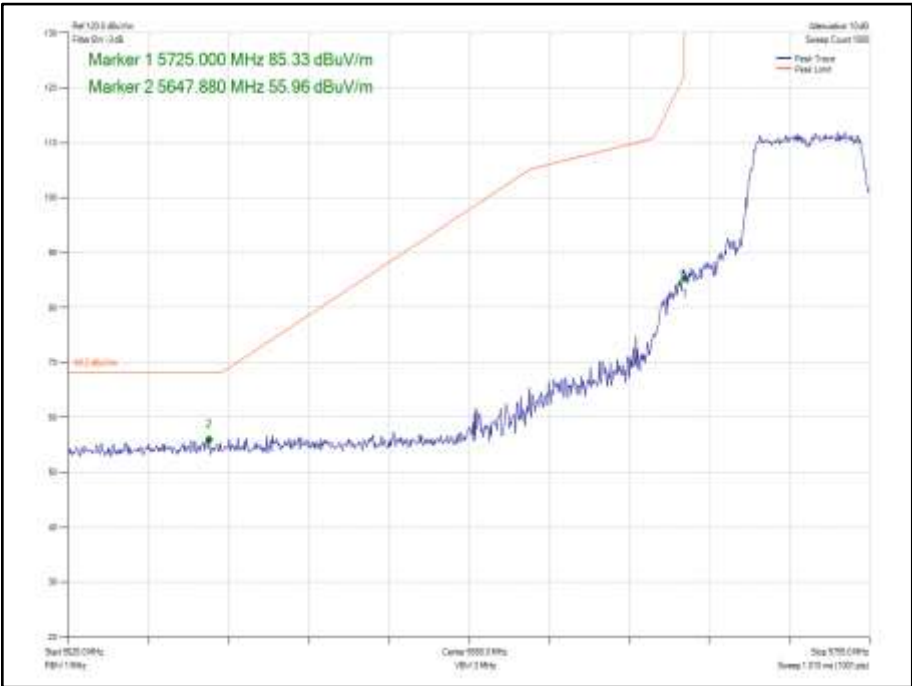


Figure 10 - 802.11n HT20, Core 0 - 5745 MHz
Band Edge Frequency 5725 MHz

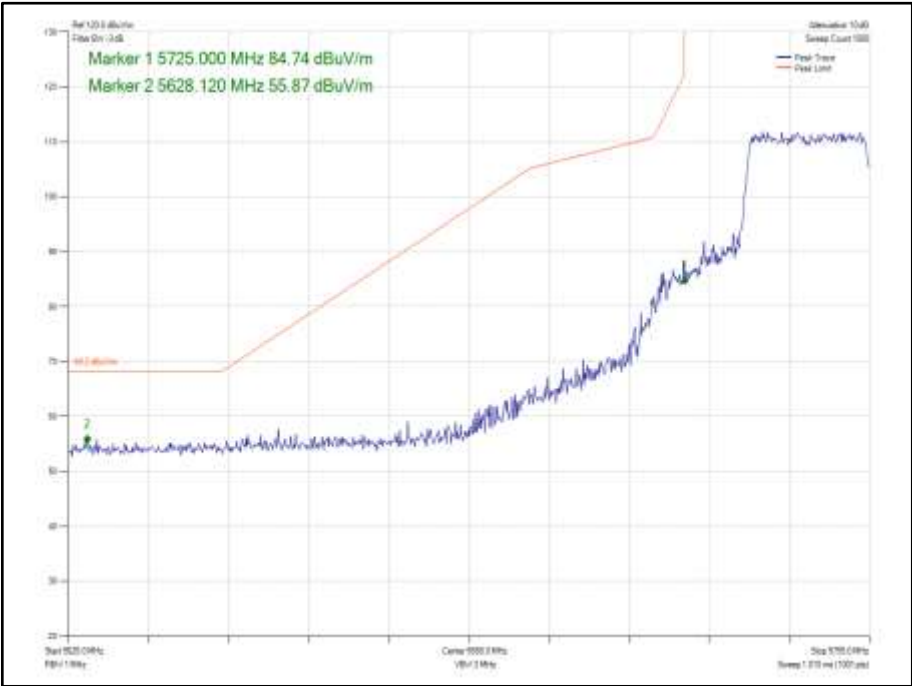


Figure 11- 802.11ax HE20, Core 0, SU - 5745 MHz
Band Edge Frequency 5735 MHz

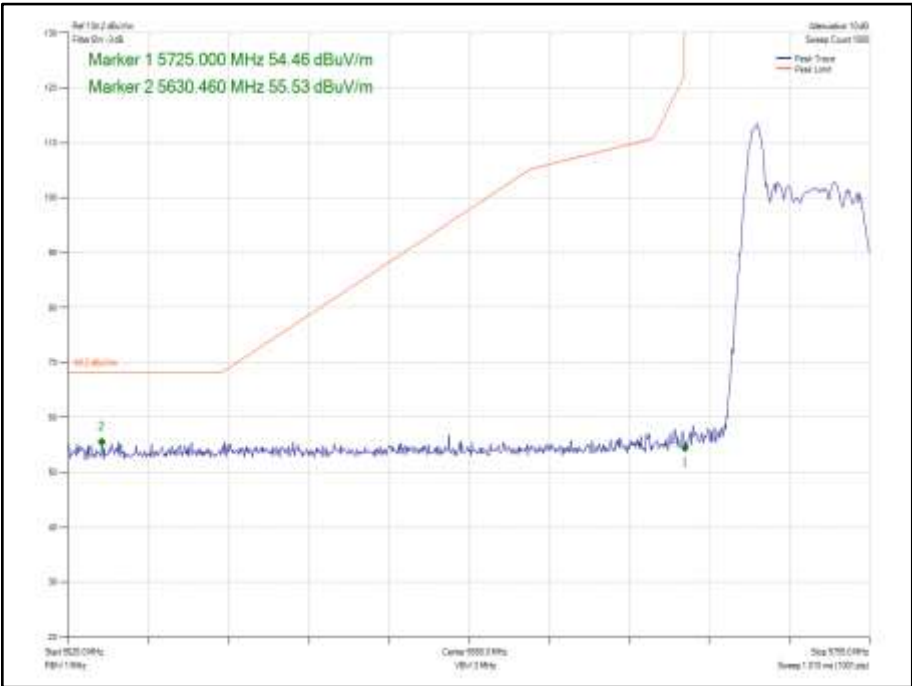


Figure 12- 802.11ax HE20, Core 0, 26-0 - 5745 MHz
Band Edge Frequency 5735 MHz

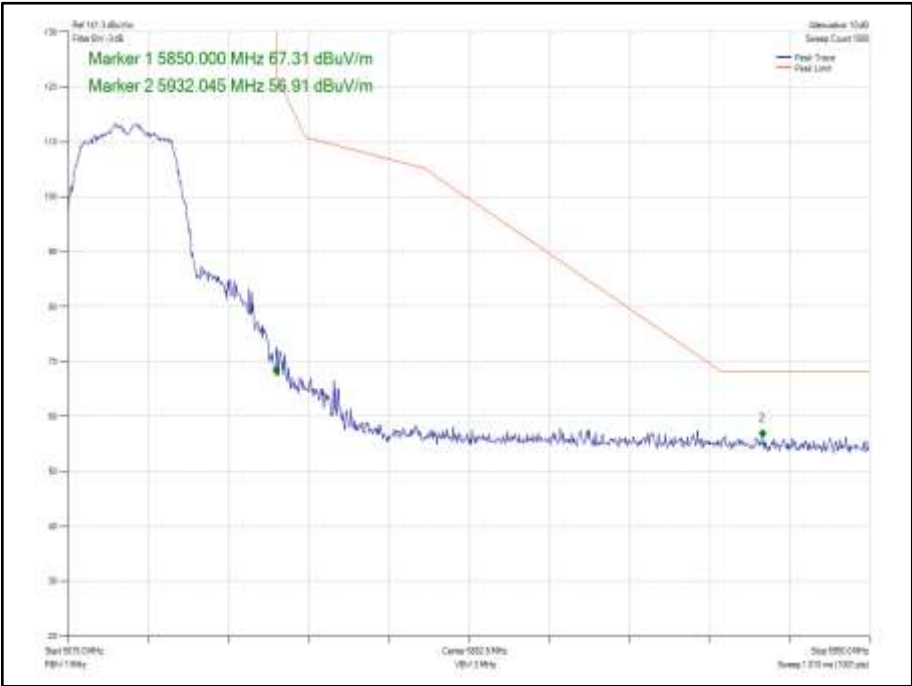


Figure 13 - 802.11a, Core 0, - 5825 MHz
Band Edge Frequency 5850 MHz

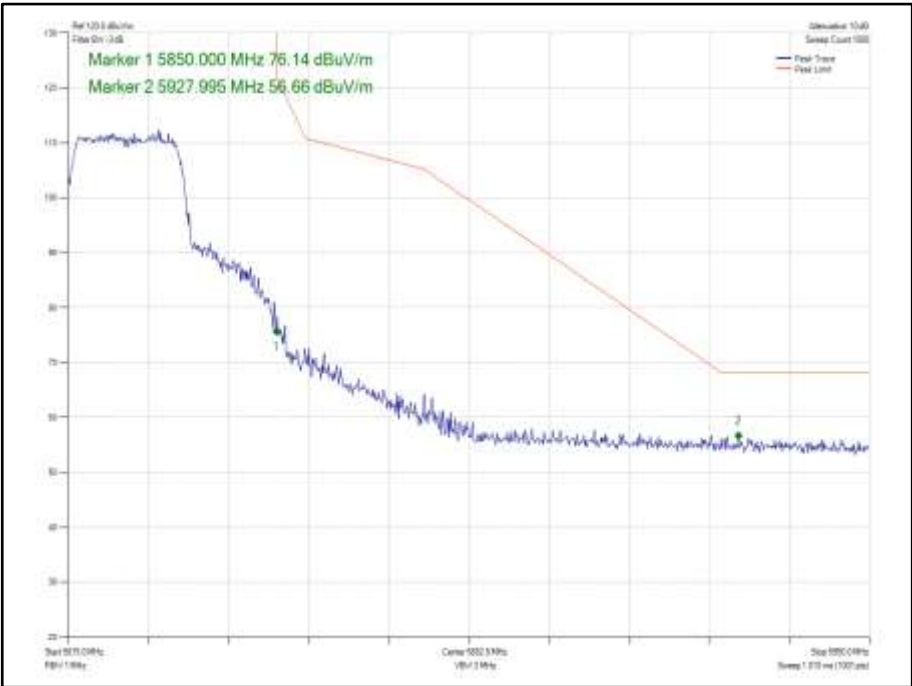


Figure 14 - 802.11n HT20, Core 0 - 5825 MHz
Band Edge Frequency 5850 MHz

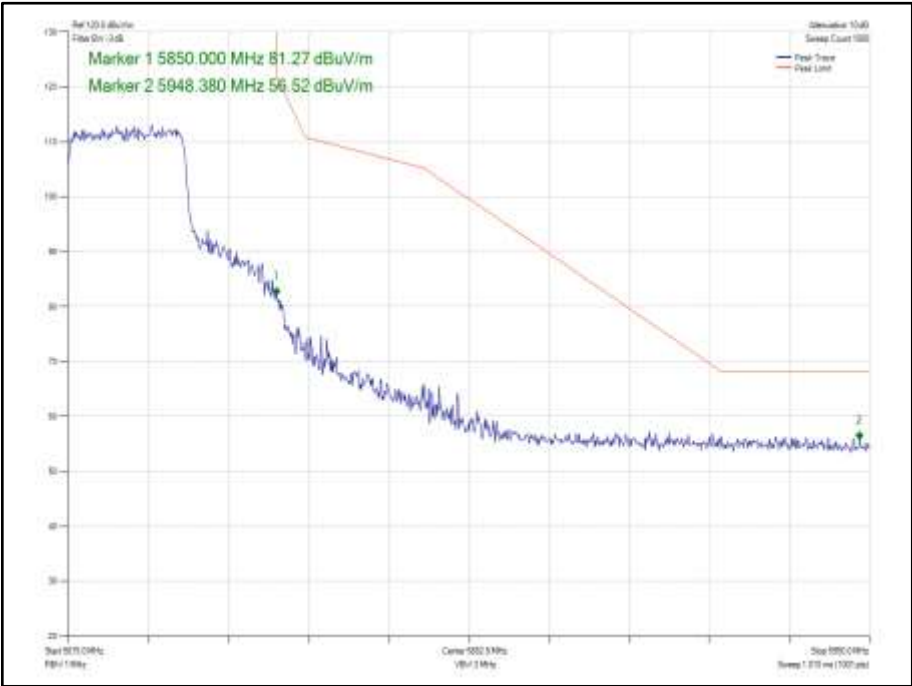


Figure 15- 802.11ax HE20, Core 0, SU - 5825 MHz
Band Edge Frequency 5850 MHz

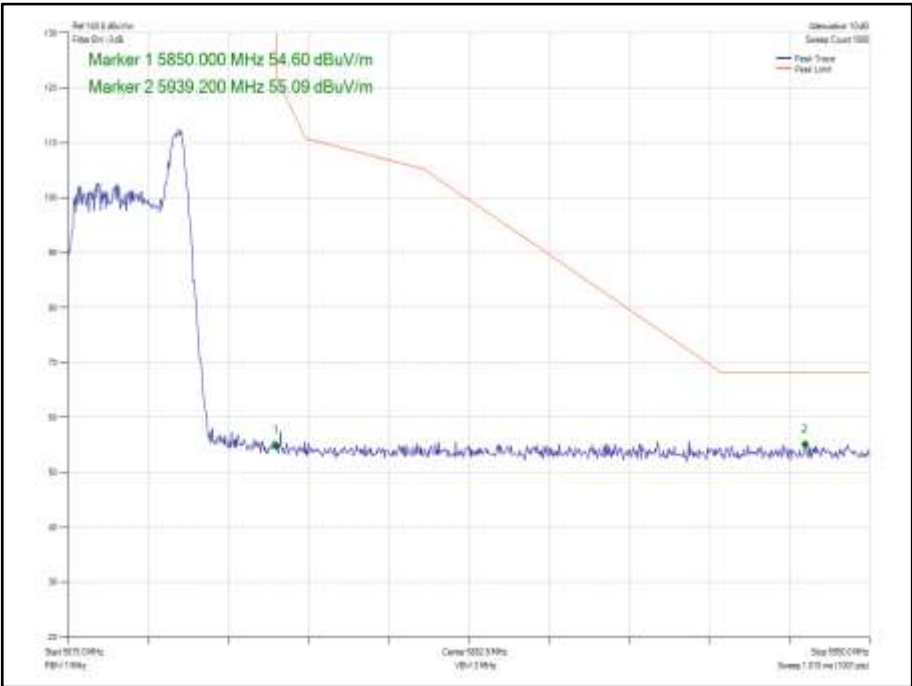


Figure 16- 802.11ax HE20, Core 0, 26-8 - 5825 MHz
Band Edge Frequency 5850 MHz



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	MCS7	-	-	5500	5470	60.02
802.11n HT20 SDM, Cores 0-1	MCS7	-	-	5500	5470	60.05
802.11ax HE20 CDD, Cores 0-1	MCS7	SU	-	5500	5470	60.80
802.11ax HE20 CDD, Cores 0-1	MCS7	52	37	5500	5470	57.38
802.11ax HE20 SDM, Cores 0-1	MCS7	SU	-	5500	5470	61.36
802.11ax HE20 SDM, Cores 0-1	MCS7	52	37	5500	5470	56.46
802.11n HT20 CDD, Cores 0-1	MCS7	-	-	5700	5725	67.55
802.11n HT20 SDM, Cores 0-1	MCS7	-	-	5700	5725	63.60
802.11ax HE20 CDD, Cores 0-1	MCS7	SU	-	5700	5725	61.54
802.11ax HE20 CDD, Cores 0-1	MCS7	52	40	5700	5725	56.66
802.11ax HE20 SDM, Cores 0-1	MCS7	SU	-	5700	5725	60.51
802.11ax HE20 SDM, Cores 0-1	MCS7	52	40	5700	5725	57.04
802.11n HT20 CDD, Cores 0-1	MCS7	-	-	5745	5725	56.43
802.11n HT20 SDM, Cores 0-1	MCS7	-	-	5745	5725	57.50
802.11ax HE20 CDD, Cores 0-1	MCS7	SU	-	5745	5725	56.95
802.11ax HE20 CDD, Cores 0-1	MCS7	26	0	5745	5725	55.13
802.11ax HE20 SDM, Cores 0-1	MCS7	SU	-	5745	5725	56.94
802.11ax HE20 SDM, Cores 0-1	MCS7	26	0	5745	5725	55.61
802.11n HT20 CDD, Cores 0-1	MCS7	-	-	5825	5850	57.69
802.11n HT20 SDM, Cores 0-1	MCS7	-	-	5825	5850	57.19
802.11ax HE20 CDD, Cores 0-1	MCS7	SU	-	5825	5850	57.39
802.11ax HE20 CDD, Cores 0-1	MCS7	26	8	5825	5850	55.55
802.11ax HE20 SDM, Cores 0-1	MCS7	SU	-	5825	5850	57.19
802.11ax HE20 SDM, Cores 0-1	MCS7	26	8	5825	5850	56.24

Table 435 - MIMO Authorised Band Edge Results

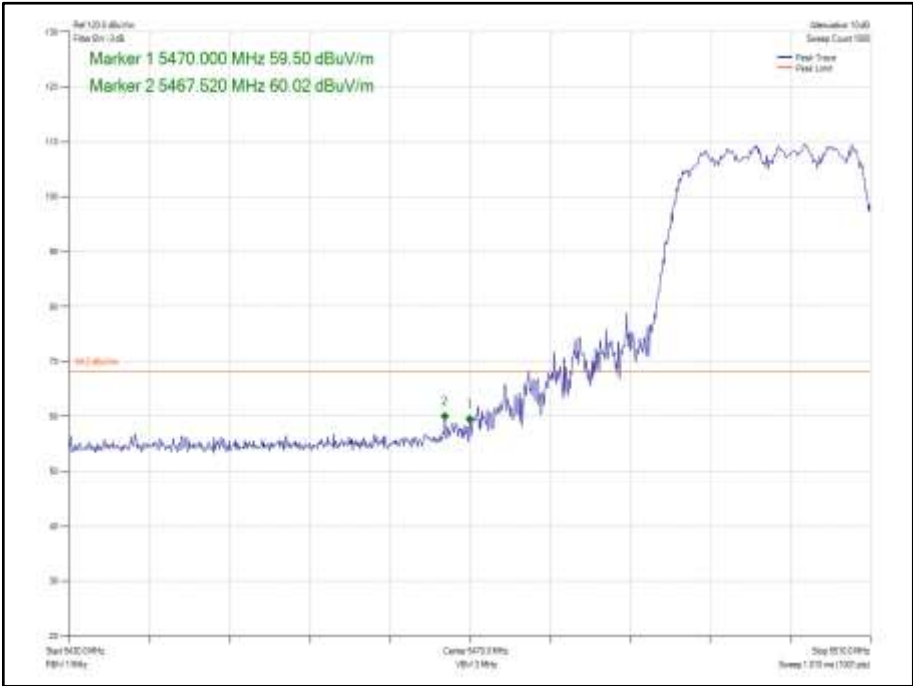


Figure 17 - 802.11n HT20 CDD, Cores 0-1 - 5500 MHz
Band Edge Frequency 5470 MHz

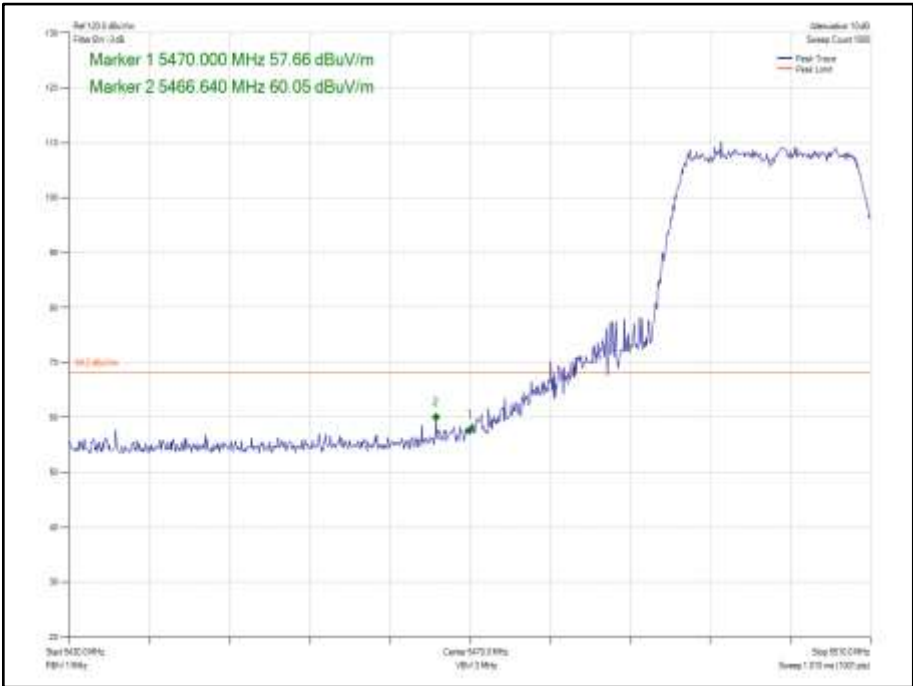
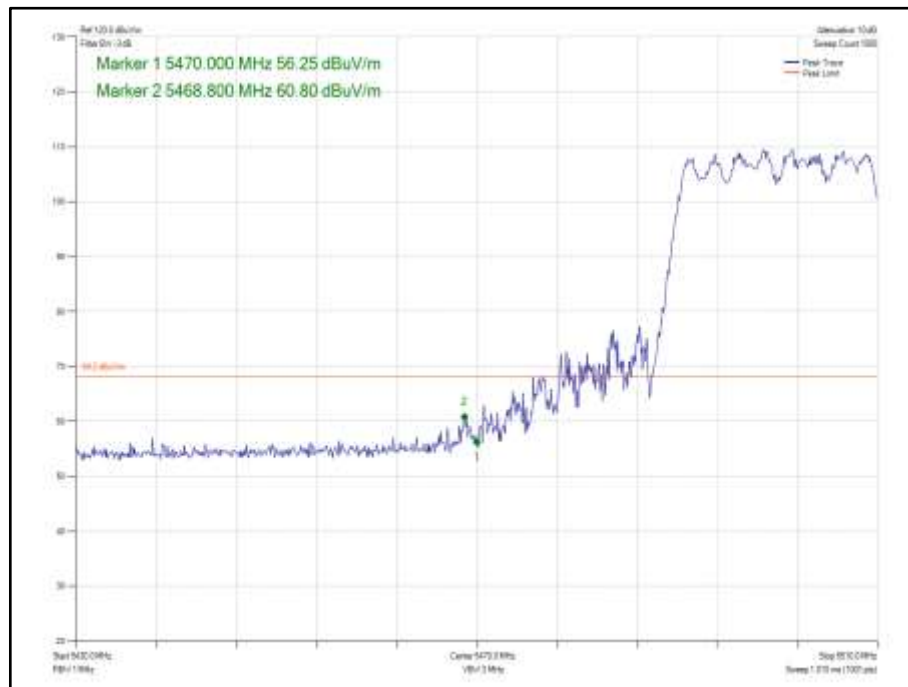
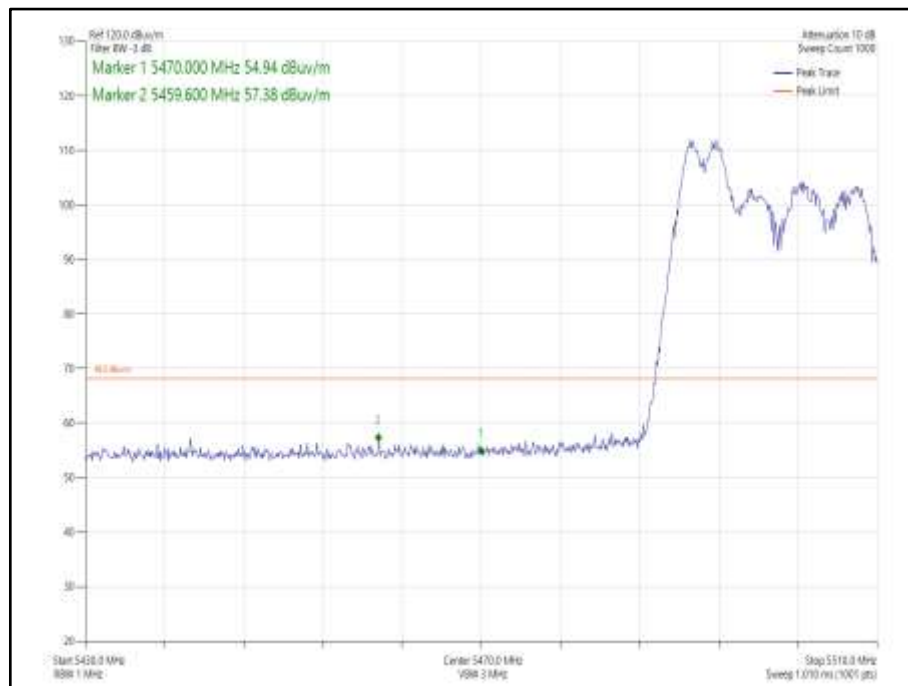


Figure 18 - 802.11n HT20 SDM, Cores 0-1 - 5500 MHz
Band Edge Frequency 5470 MHz



**Figure 19 - - 802.11ax HE20 CDD, Cores 0-1, SU - 5500 MHz
Band Edge Frequency 5470 MHz**



**Figure 20 - 802.11ax HE20 CDD, Cores 0-1 52-37 - 5500 MHz
Band Edge Frequency 5470 MHz**

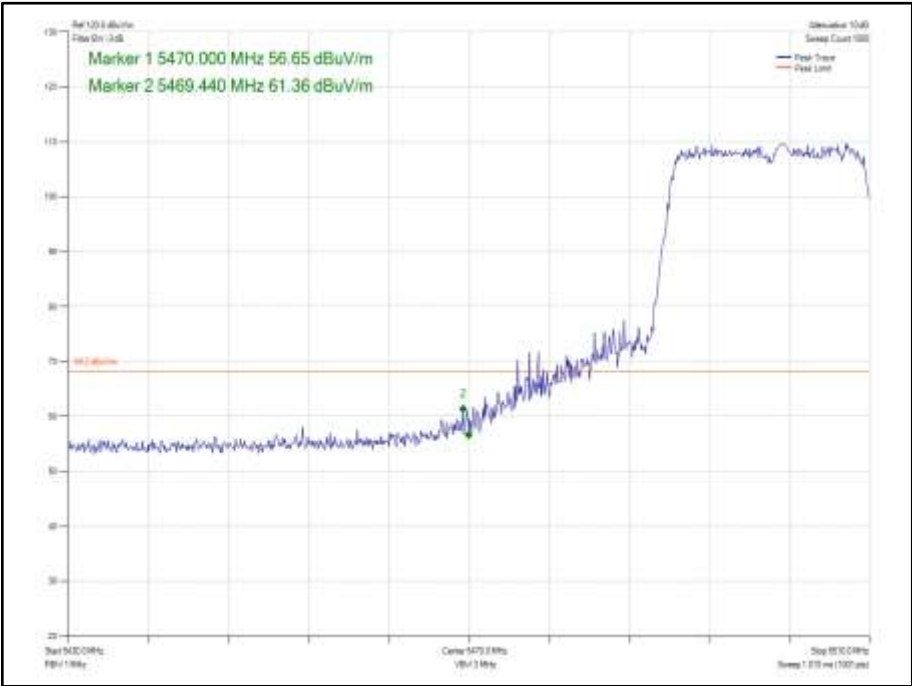


Figure 21 - - 802.11ax HE20 SDM, Cores 0-1 SU - 5500 MHz
Band Edge Frequency 5470 MHz

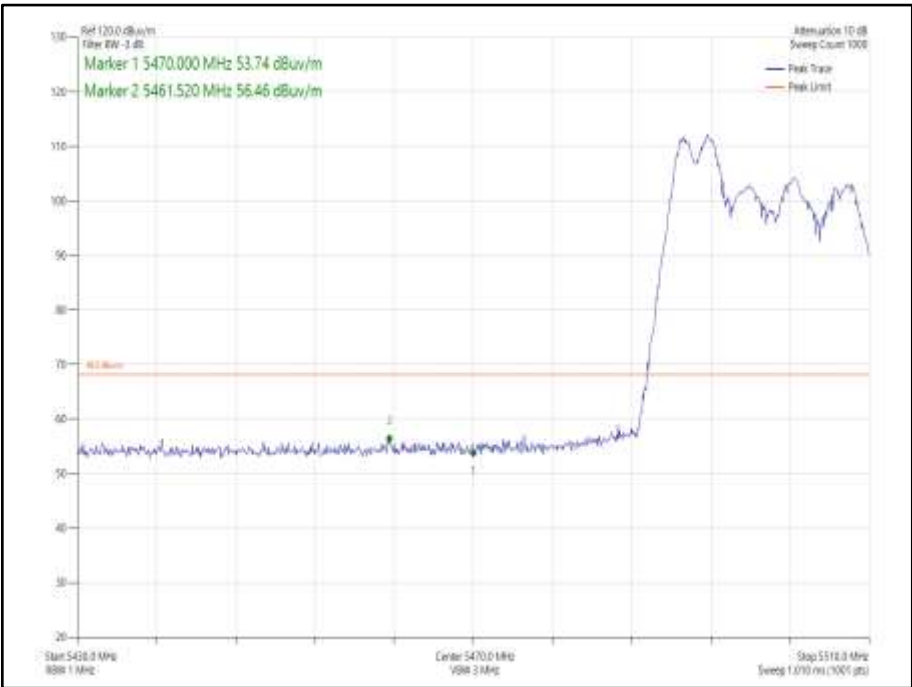


Figure 22 - 802.11ax HE20 SDM, Cores 0-1 52-37 - 5500 MHz
Band Edge Frequency 5470 MHz

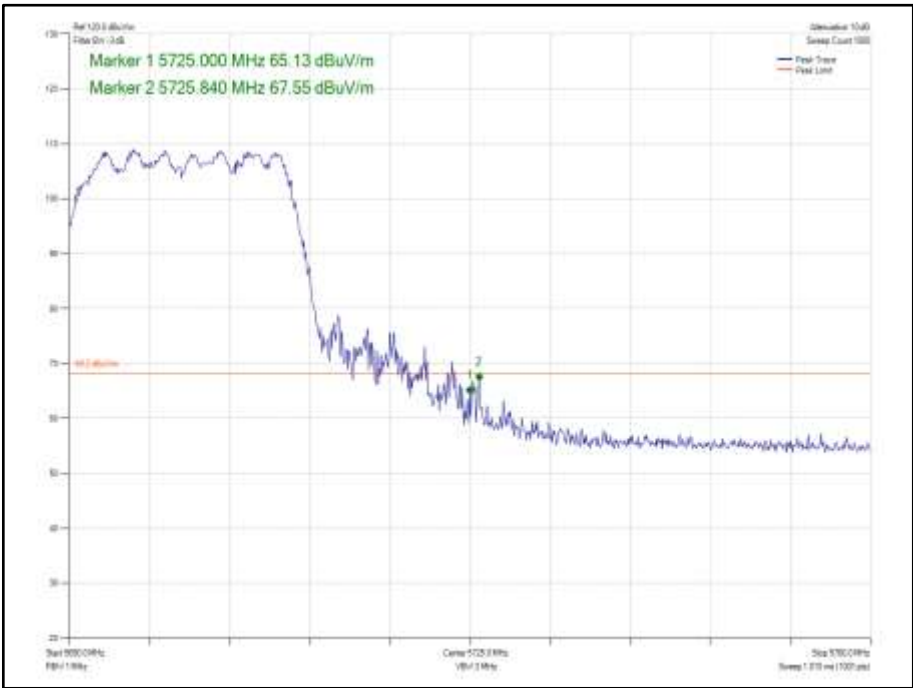


Figure 23 - 802.11n HT20 CDD, Cores 0-1 - 5700 MHz
Band Edge Frequency 5725 MHz

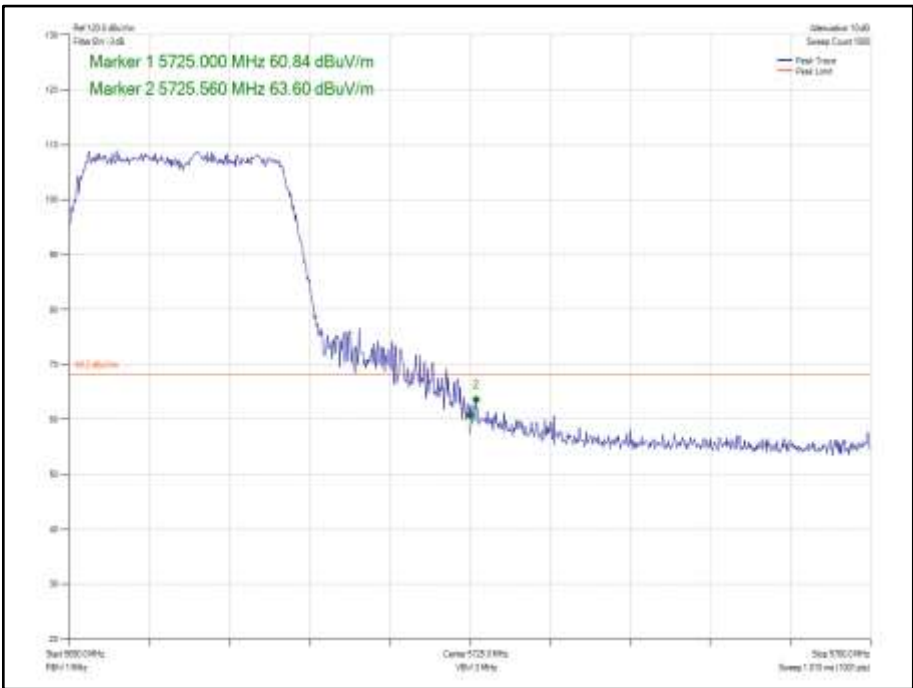
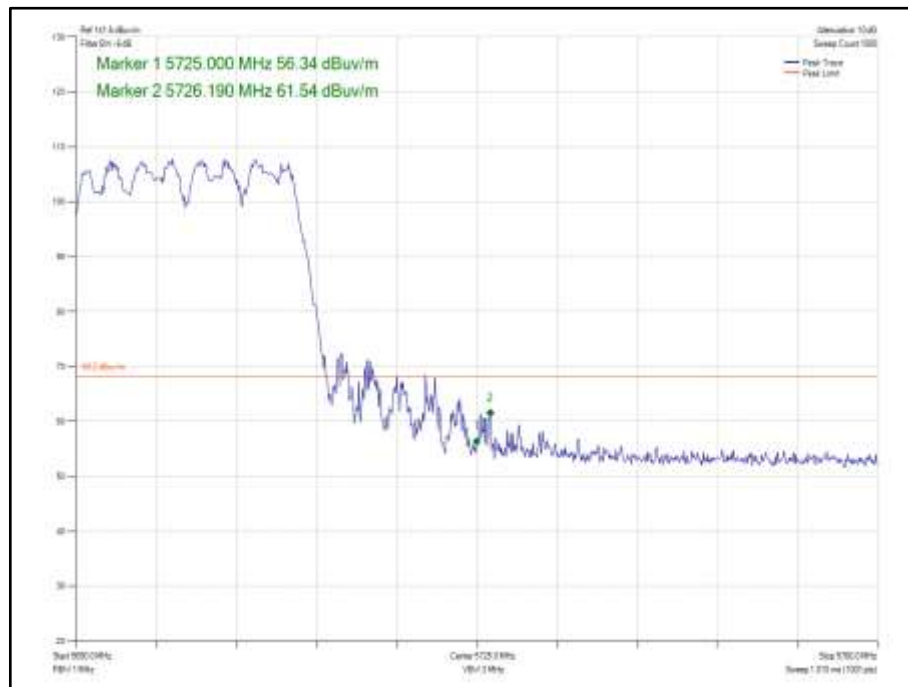
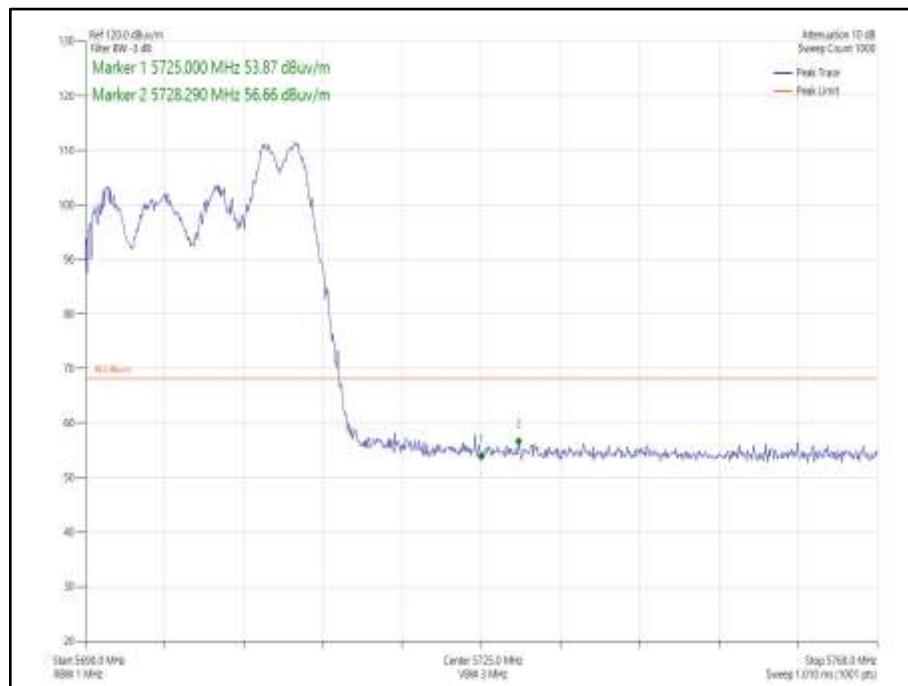


Figure 24 - 802.11n HT20 SDM, Cores 0-1 - 5700 MHz
Band Edge Frequency 5725 MHz



**Figure 25 - - 802.11ax HE20 CDD, Cores 0-1, SU - 5700 MHz
Band Edge Frequency 5725 MHz**



**Figure 26 - 802.11ax HE20 CDD, Cores 0-1, 26-8 - 5700 MHz
Band Edge Frequency 5725 MHz**

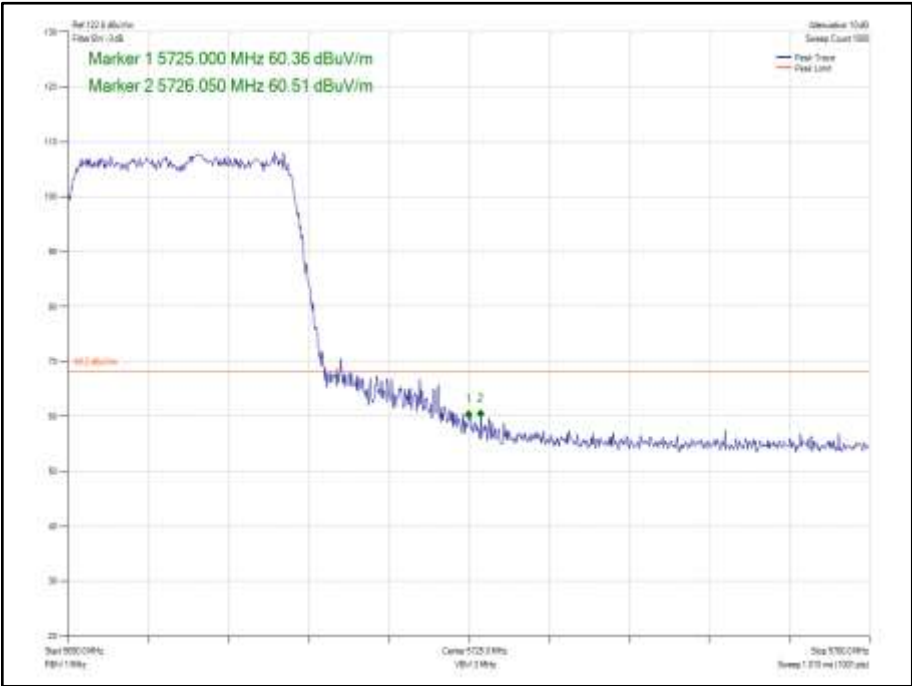


Figure 27 - - 802.11ax HE20 SDM, Cores 0-1, SU - 5700 MHz
Band Edge Frequency 5725 MHz

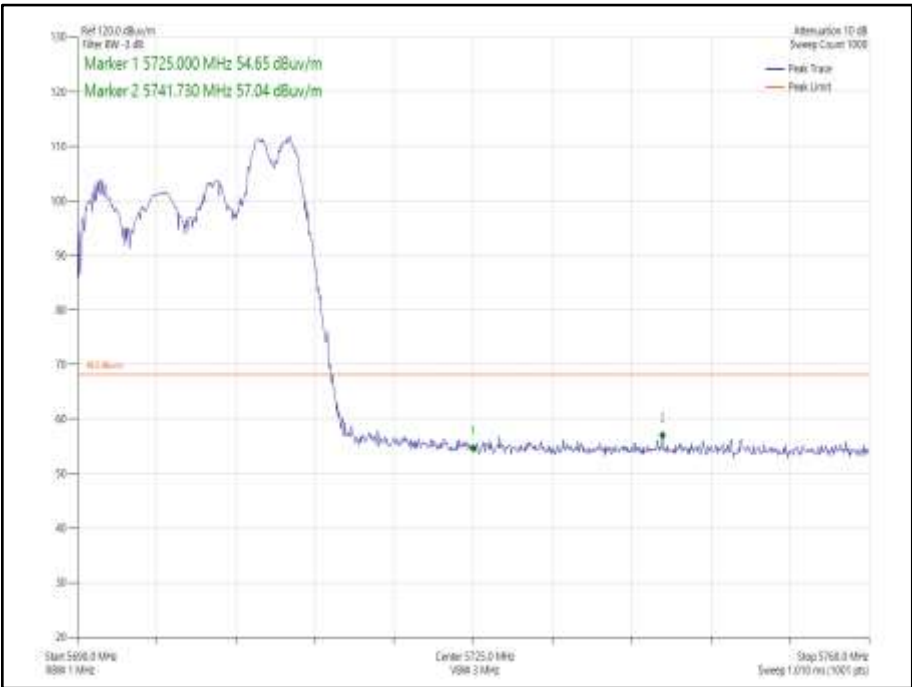


Figure 28 - 802.11ax HE20 SDM, Cores 0-1, 26-8 - 5700 MHz
Band Edge Frequency 5725 MHz

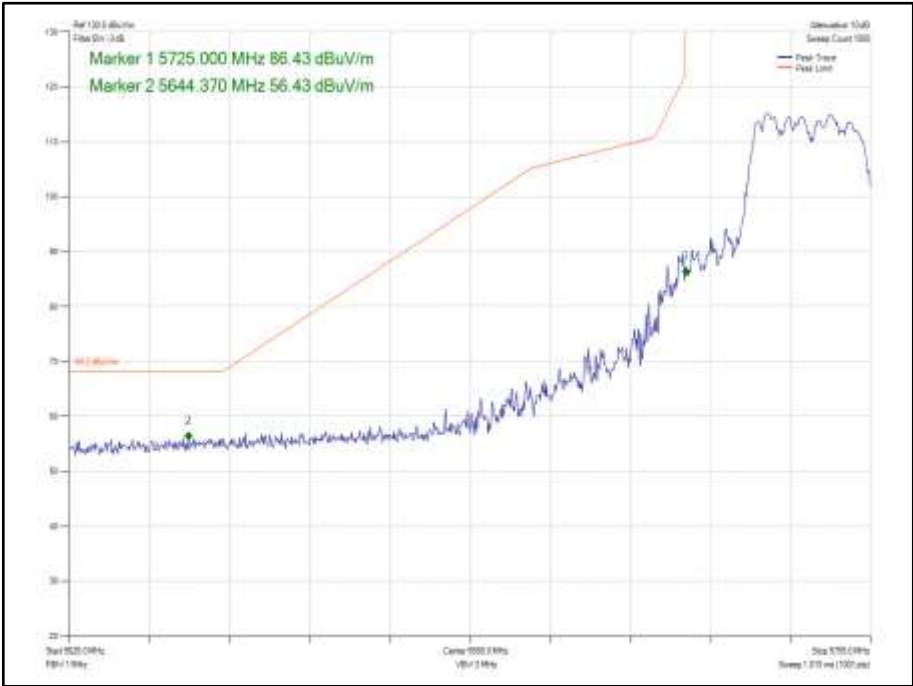


Figure 29 - 802.11n HT20 CDD, Cores 0-1 - 5745 MHz
Band Edge Frequency 5725 MHz

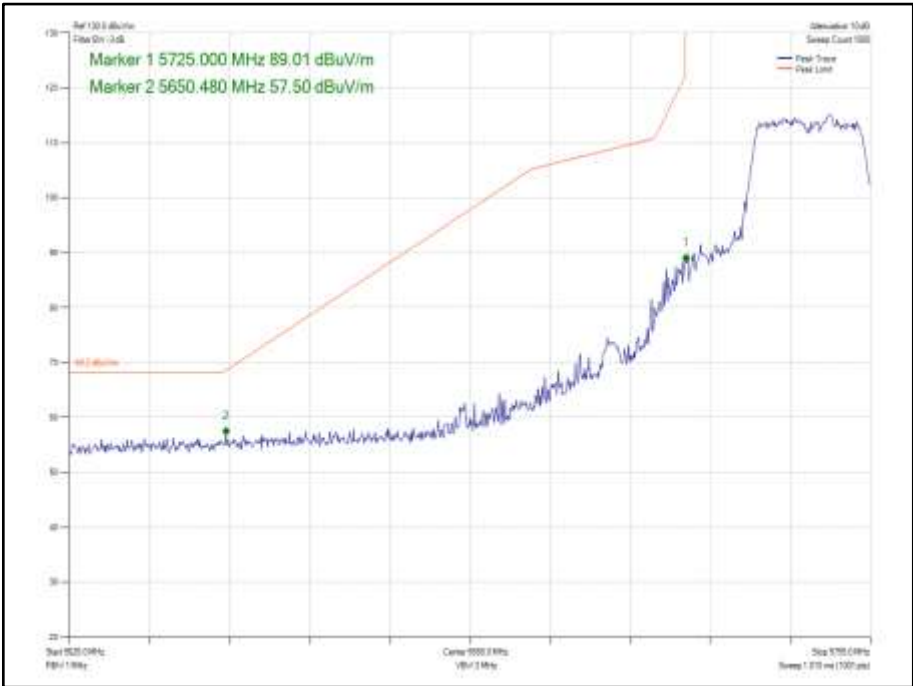


Figure 30 - 802.11n HT20 SDM, Cores 0-1 - 5745 MHz
Band Edge Frequency 5725 MHz

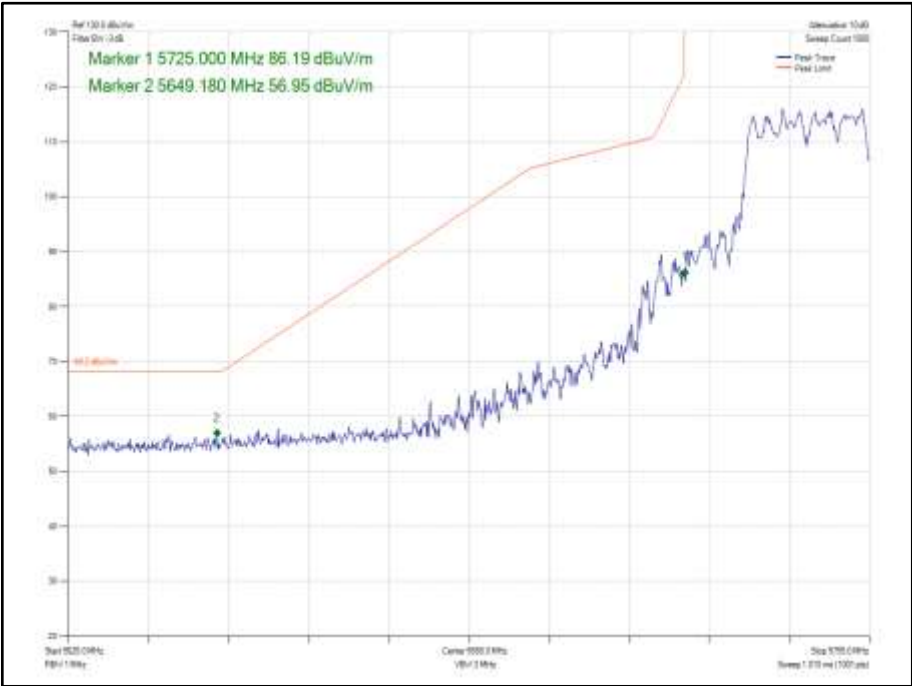


Figure 31 - - 802.11ax HE20 CDD, Cores 0-1, SU - 5745 MHz
Band Edge Frequency 5725 MHz

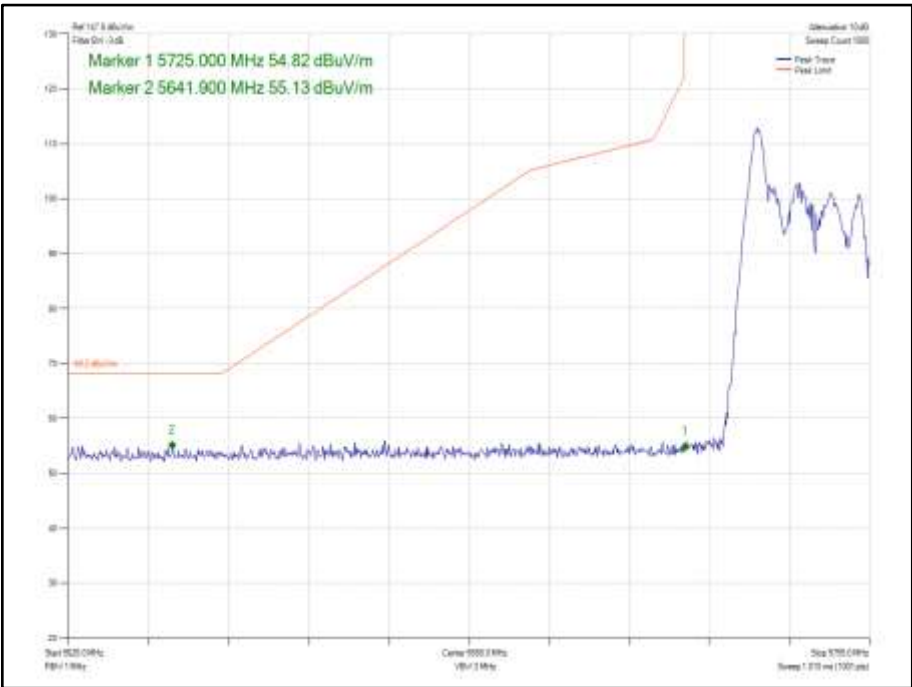
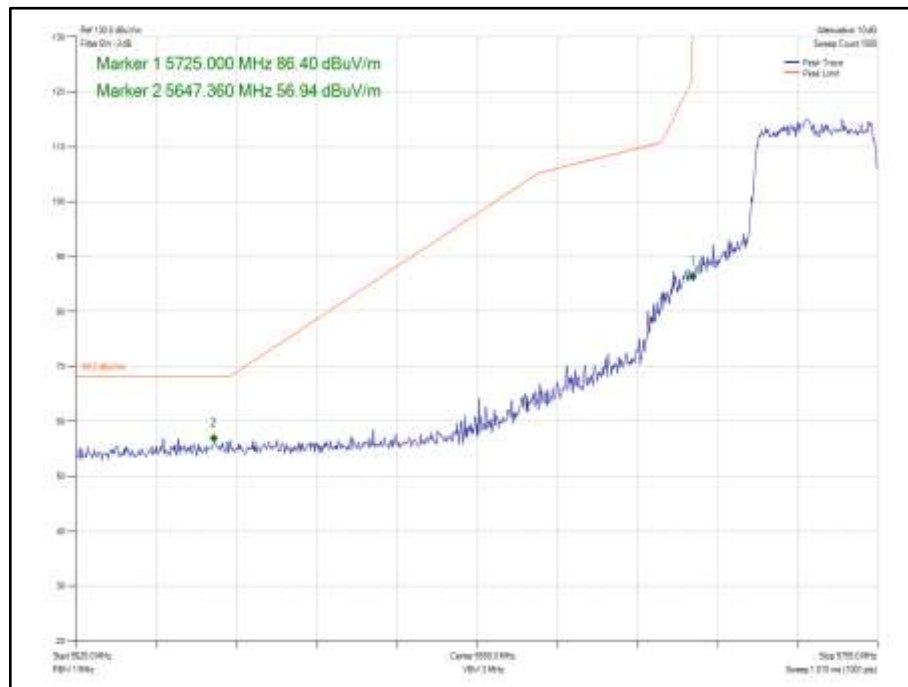
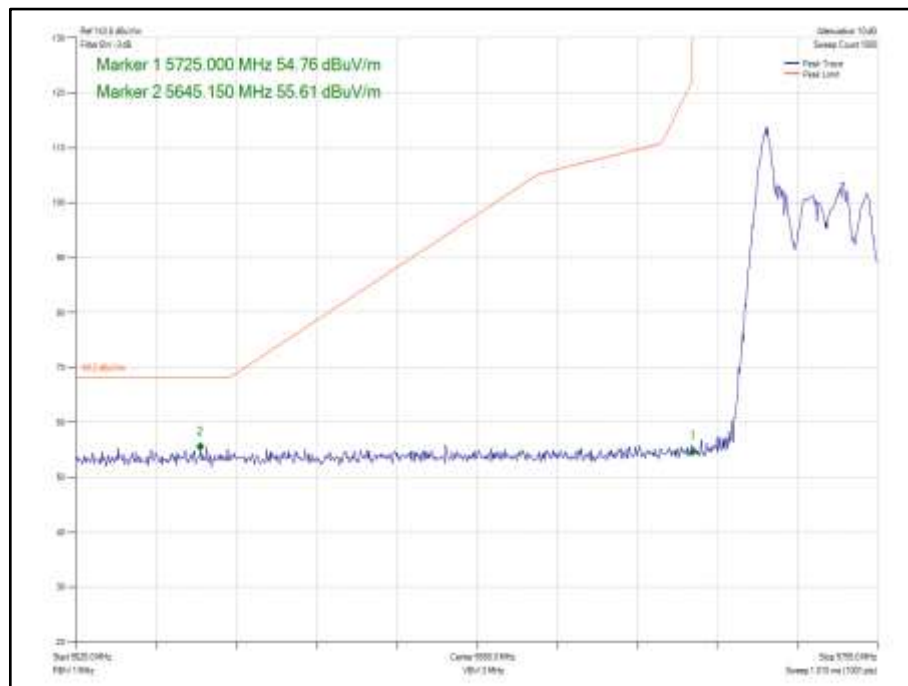


Figure 32 - 802.11ax HE20 CDD, Cores 0-1, 26-0 - 5745 MHz
Band Edge Frequency 5725 MHz



**Figure 33 - - 802.11ax HE20 SDM, Cores 0-1, SU - 5745 MHz
Band Edge Frequency 5725 MHz**



**Figure 34 - 802.11ax HE20 SDM, Cores 0-1, 26-0 - 5745 MHz
Band Edge Frequency 5725 MHz**

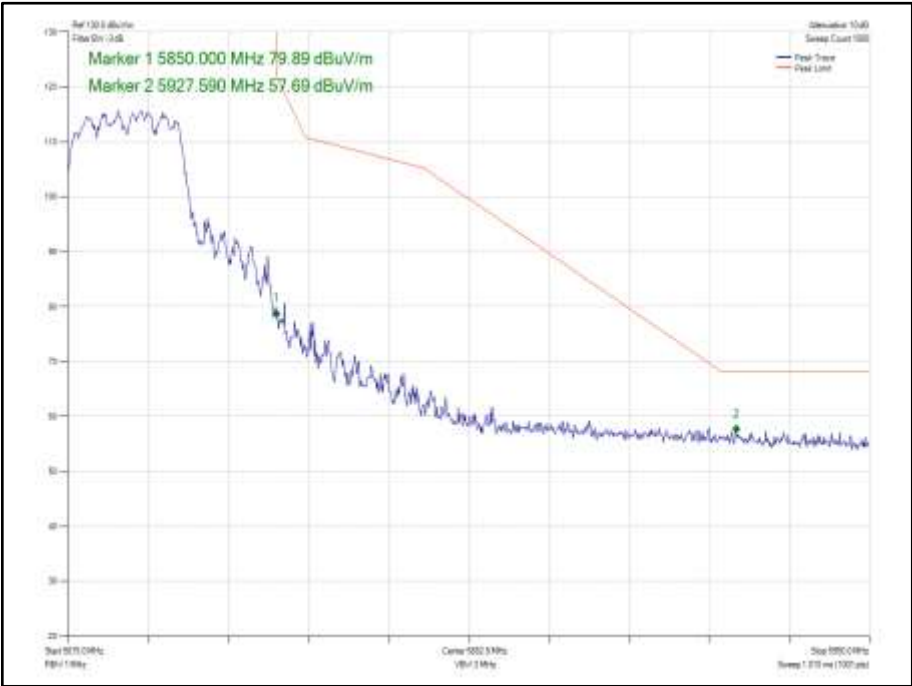


Figure 35 - 802.11n HT20 CDD, Cores 0-1 - 5825 MHz
Band Edge Frequency 5850 MHz

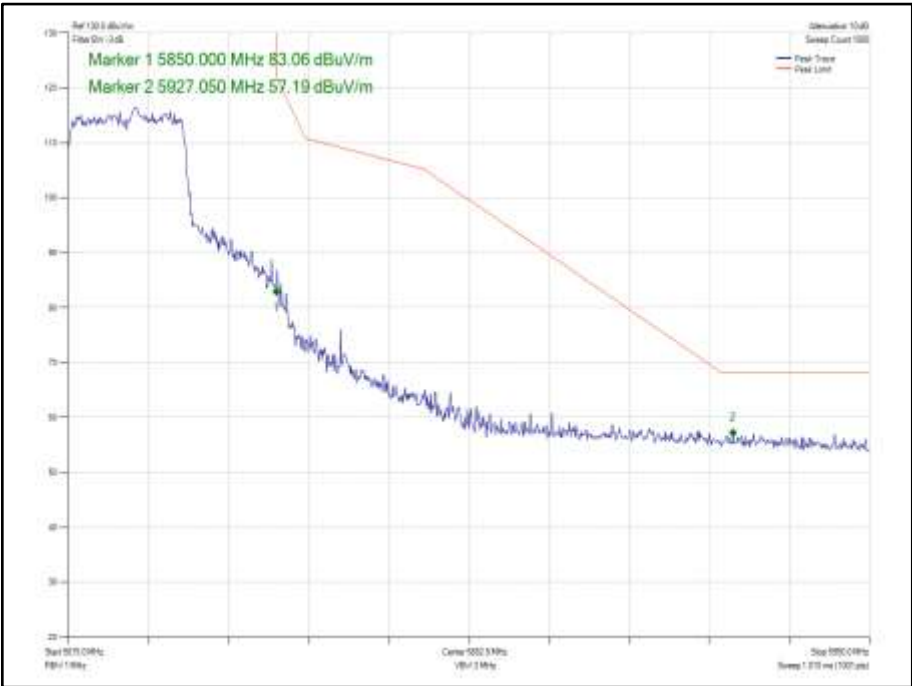


Figure 36 - 802.11n HT20 SDM, Cores 0-1 - 5825 MHz
Band Edge Frequency 5850 MHz

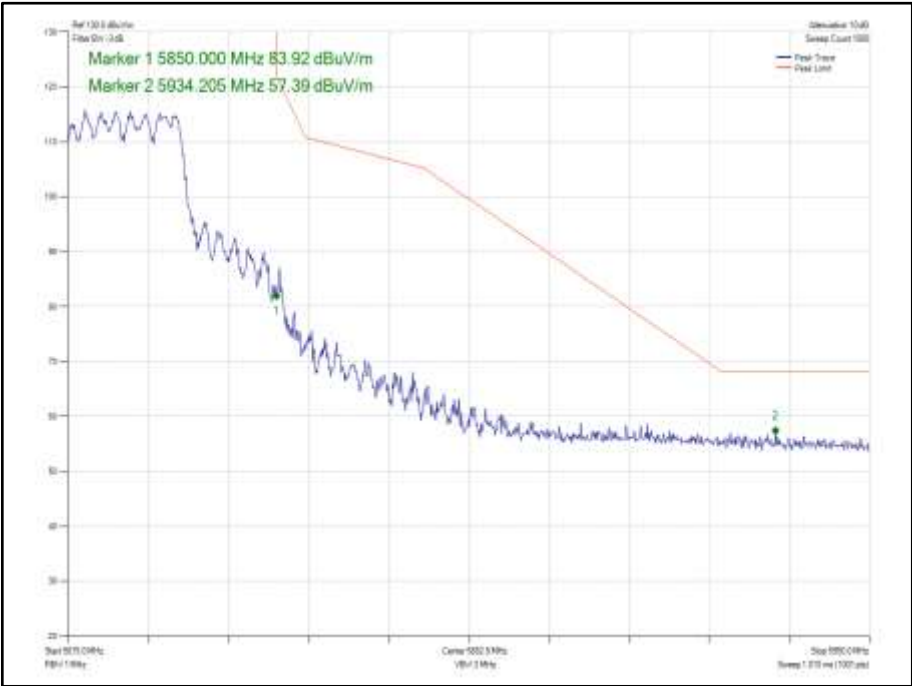


Figure 37 - 802.11ax HE20 CDD, Cores 0-1, SU - 5825 MHz
Band Edge Frequency 5850 MHz

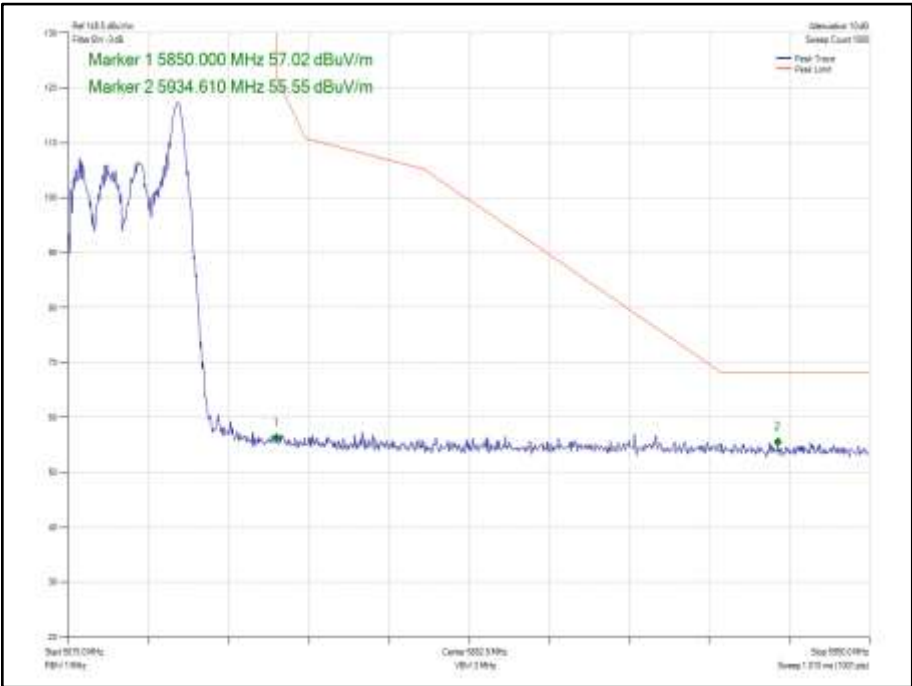


Figure 38 - 802.11ax HE20 CDD, Cores 0-1, 26-8 - 5825 MHz
Band Edge Frequency 5850 MHz

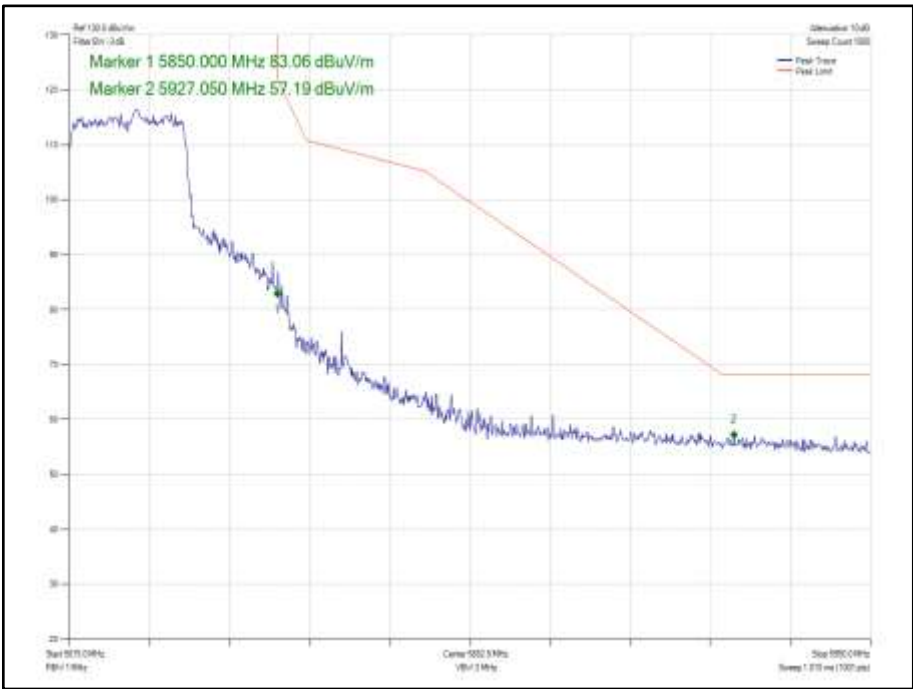


Figure 39 - 802.11ax HE20 SDM, Cores 0-1, SU - 5825 MHz
Band Edge Frequency 5850 MHz

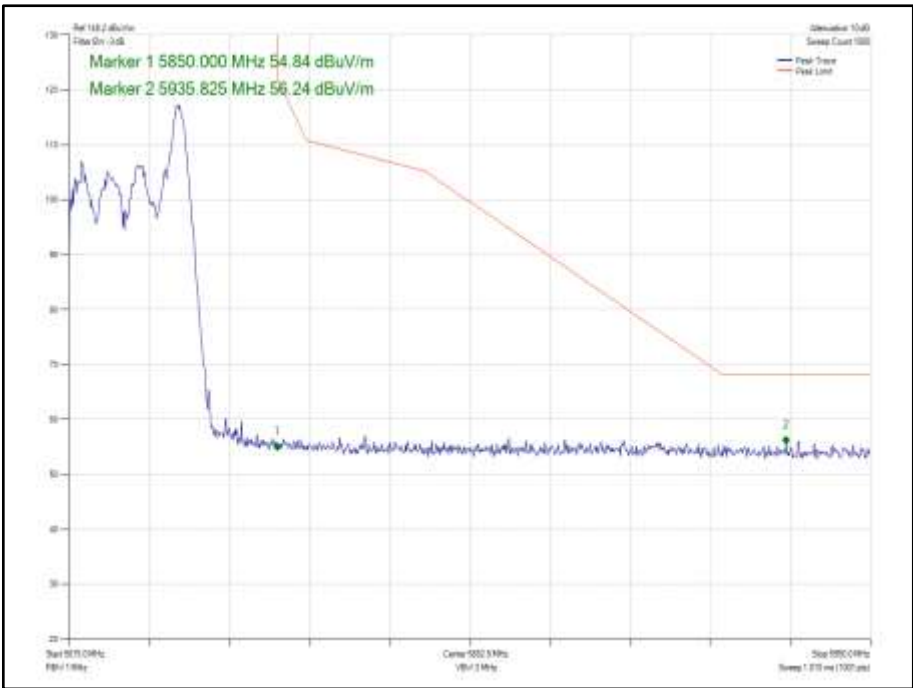


Figure 40 - 802.11ax HE20 SDM, Cores 0-1, 26-8 - 5825 MHz
Band Edge Frequency 5850 MHz

Mode	Data Rate /MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuV/m)
802.11n HT40, Core 1	MCS7	-	-	5510	5470	58.34
802.11n HT40, Core 1	MCS7	-	-	5670	5725	63.31
802.11n HT40, Core 0	MCS7	-	-	5755	5725	57.74
802.11n HT40, Core 0	MCS7	-	-	5795	5850	55.93
802.11ax HE40, Core 1	MCS7	SU	-	5510	5470	60.59
802.11ax HE40, Core 1	MCS7	52	37	5510	5470	60.24
802.11ax HE40, Core 1	MCS7	SU	-	5670	5725	63.06
802.11ax HE40, Core 1	MCS7	52	44	5670	5725	55.90
802.11ax HE40, Core 0	MCS7	SU	-	5755	5725	58.72
802.11ax HE40, Core 0	MCS7	26	0	5755	5725	55.05
802.11ax HE40, Core 0	MCS7	SU	-	5795	5850	55.58
802.11ax HE40, Core 0	MCS7	26	17	5795	5850	55.25

Table 436 - SISO Authorised Band Edge Results

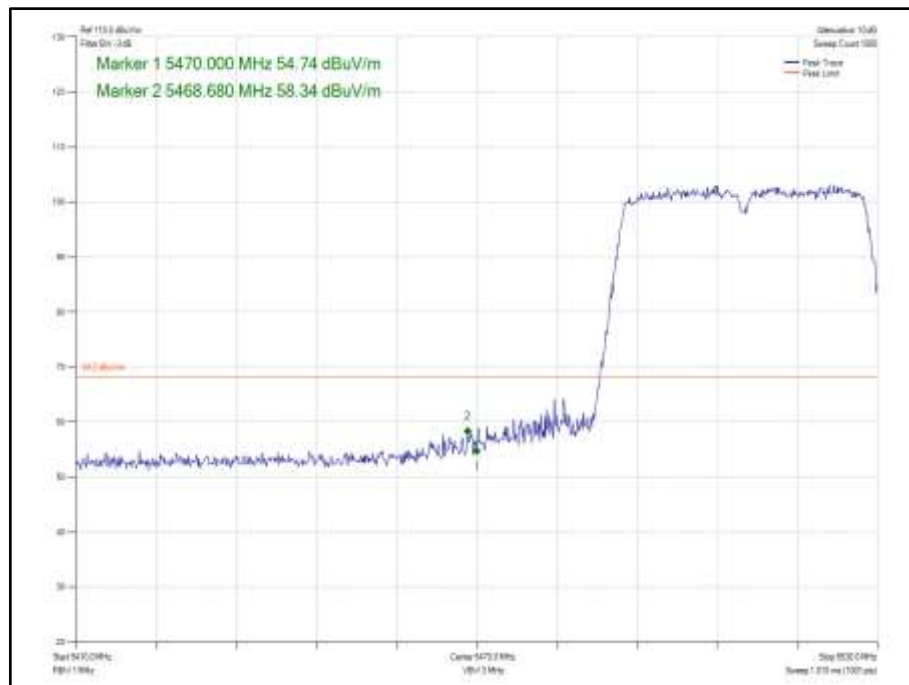


Figure 41 - 802.11n HT40, Core 1 - 5510 MHz
Band Edge Frequency 5470 MHz

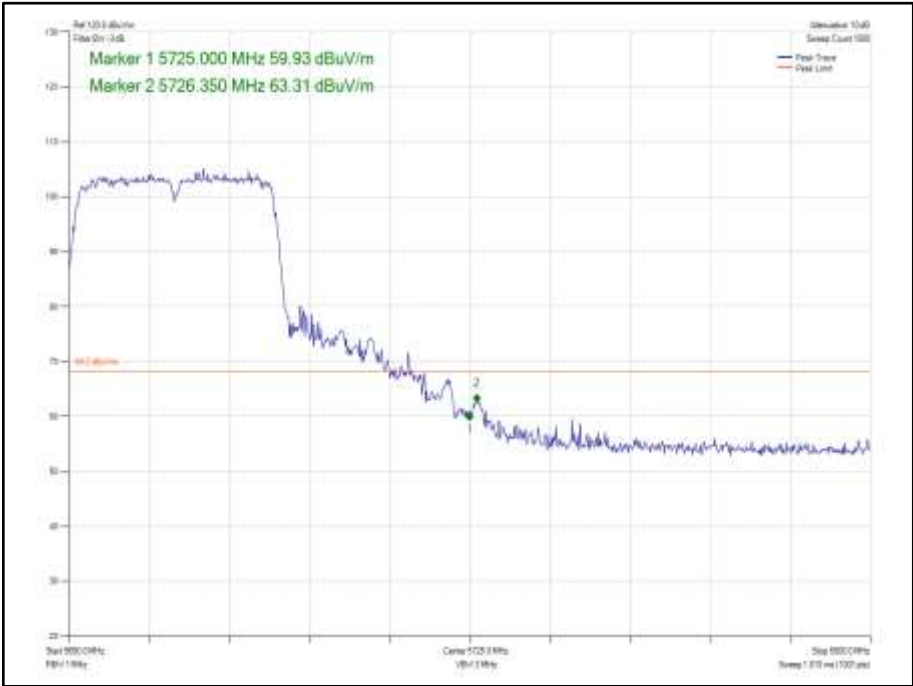


Figure 42 - 802.11n HT40, Core 1 - 5670 MHz
Band Edge Frequency 5725 MHz

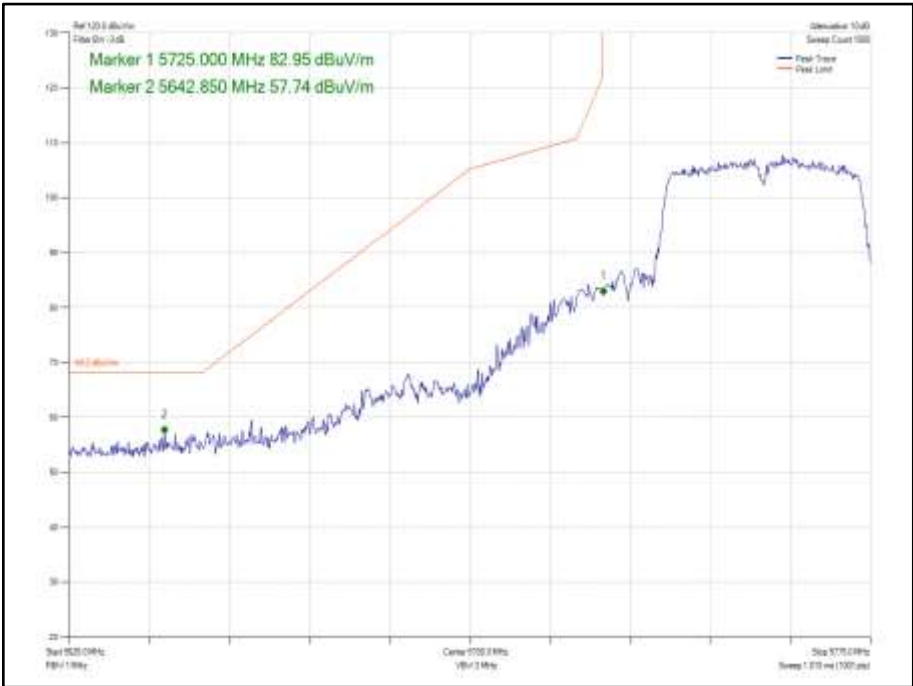


Figure 43 - 802.11n HT40, Core 0 - 5755 MHz
Band Edge Frequency 5725 MHz

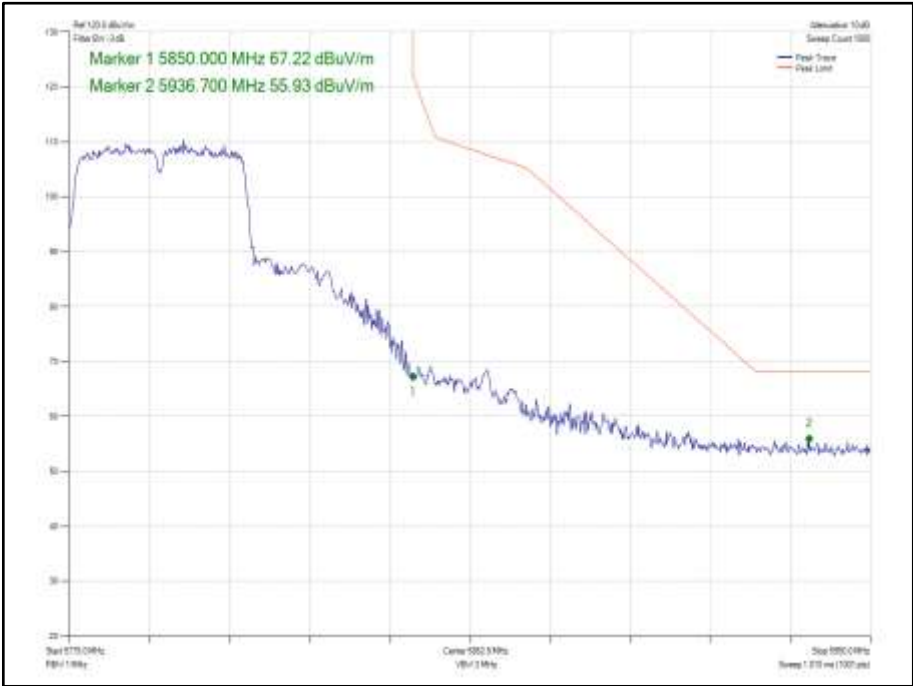


Figure 44 - 802.11n HT40, Core 0 - 5795 MHz
Band Edge Frequency 5850 MHz

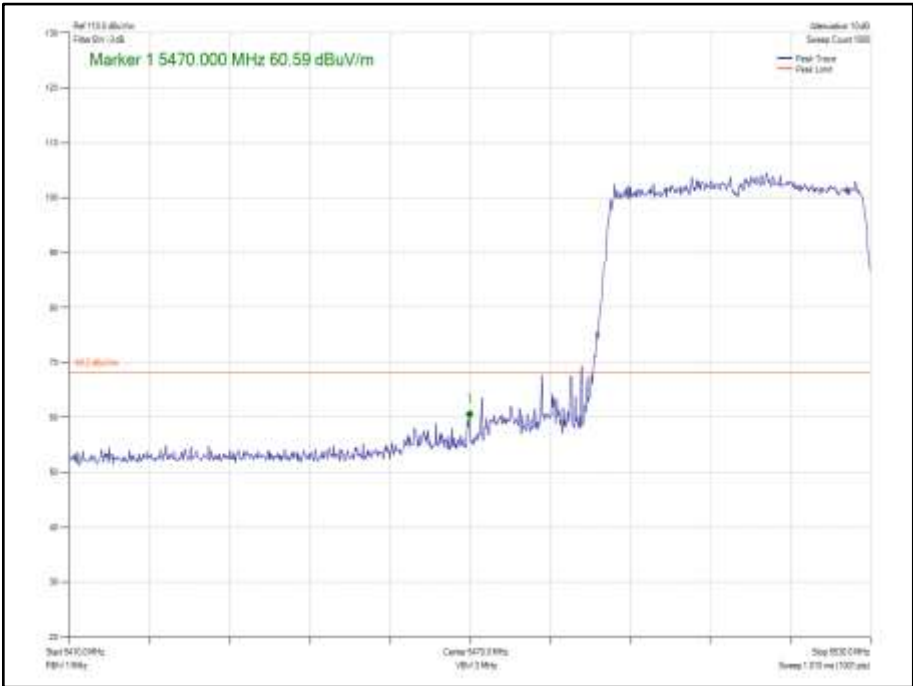
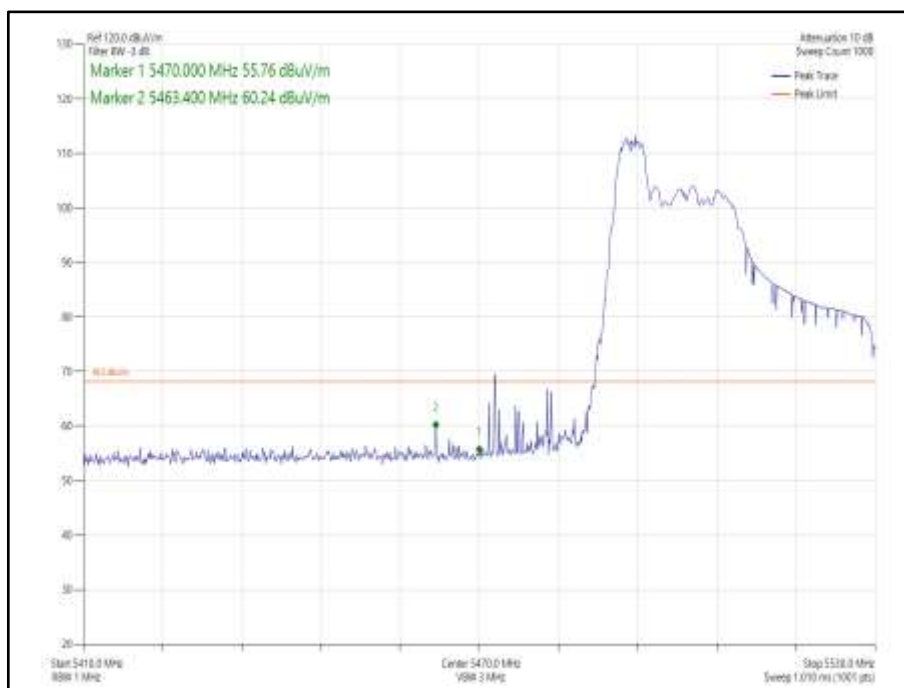
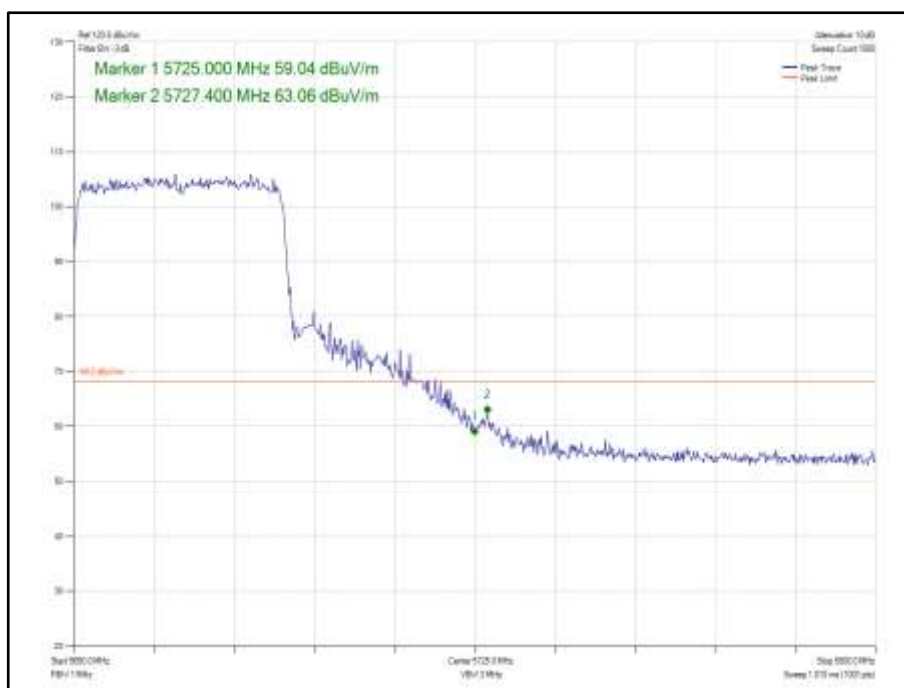


Figure 45 - 802.11ax HE40, Core 1, SU - 5510 MHz
Band Edge Frequency 5470 MHz



**Figure 46 - 802.11ax HE40, Core 1, 26-0 - 5510 MHz
Band Edge Frequency 5470 MHz**



**Figure 47 - 802.11ax HE40, Core 1, SU - 5670 MHz
Band Edge Frequency 5725 MHz**

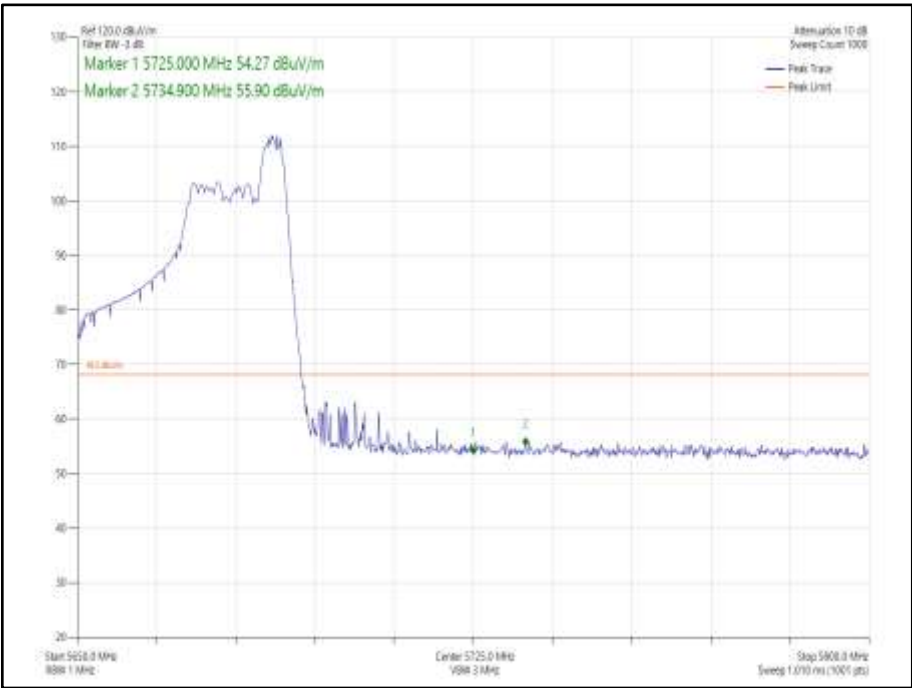


Figure 48 - 802.11ax HE40, Core 1, 52-44 - 5670 MHz
Band Edge Frequency 5725 MHz

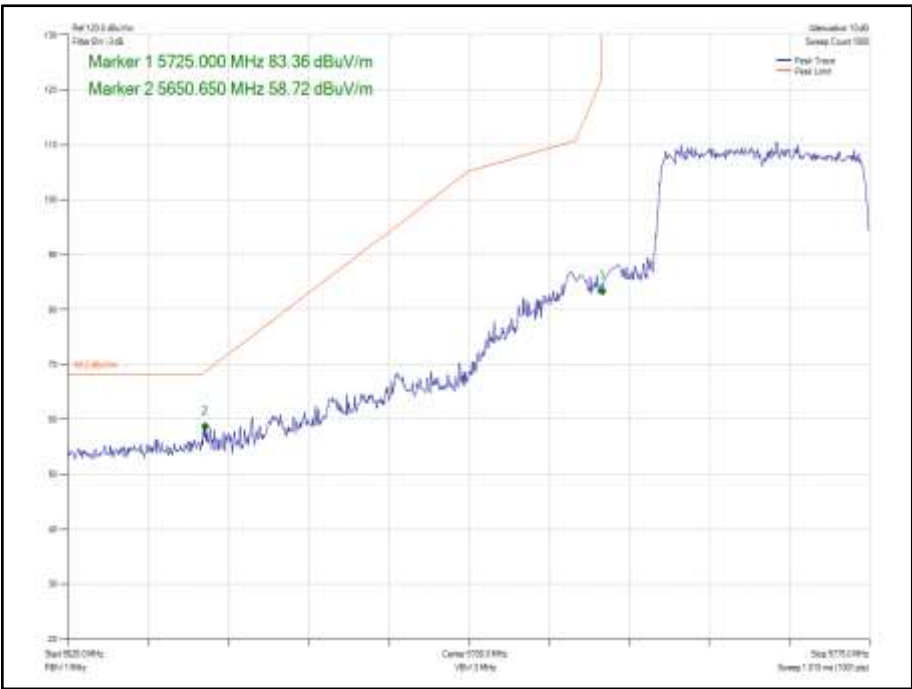


Figure 49 - 802.11ax HE40, Core 0, SU - 5755 MHz
Band Edge Frequency 5725 MHz

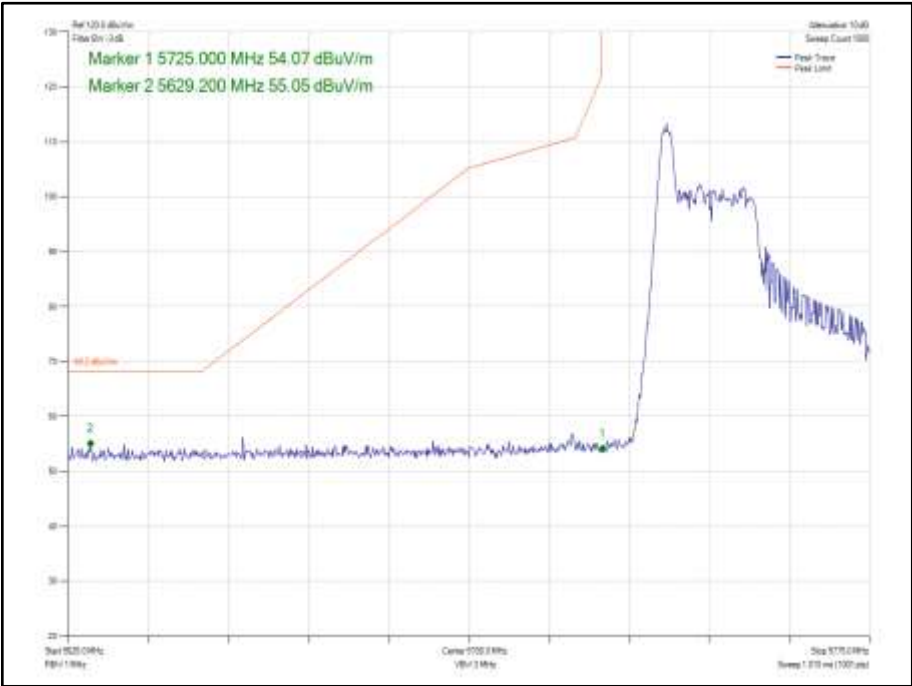


Figure 50 - 802.11ax HE40, Core 0, 26-0 - 5755 MHz
Band Edge Frequency 5725 MHz

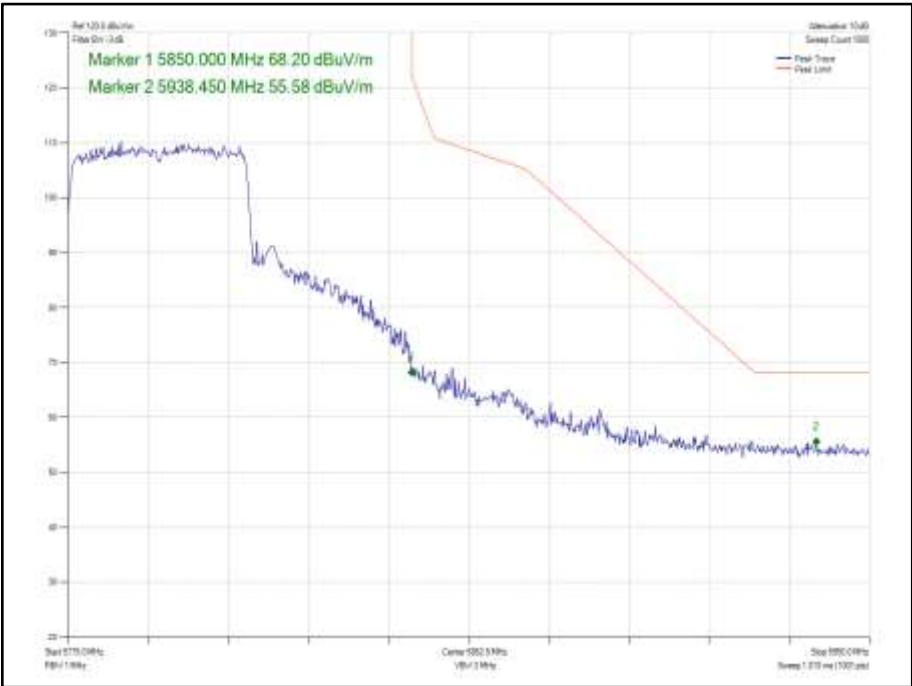
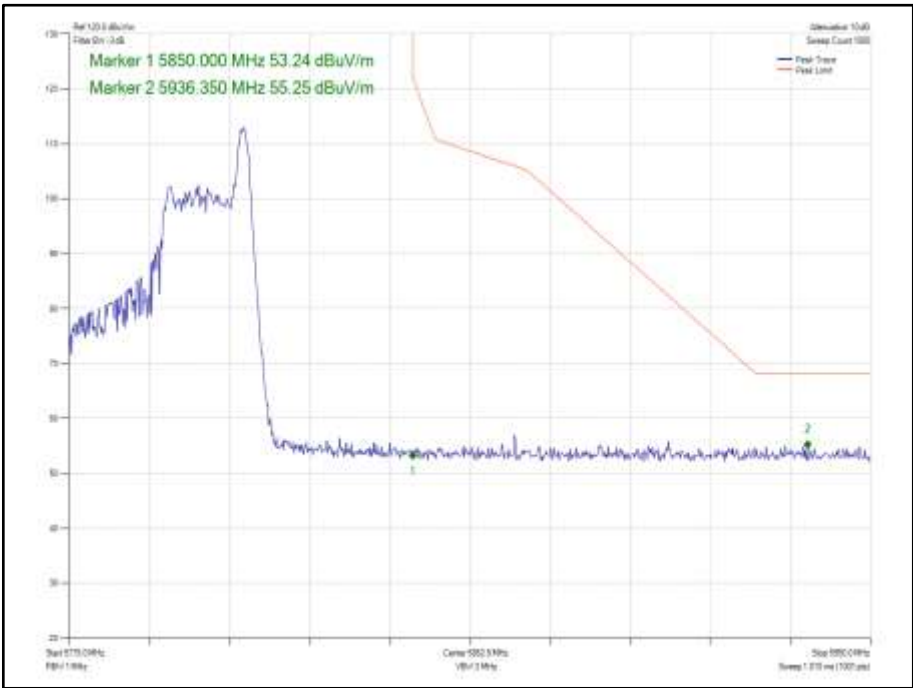


Figure 51 - 802.11ax HE40, Core 0, SU - 5795 MHz
Band Edge Frequency 5850 MHz



**Figure 52 - 802.11ax HE40, Core 0, 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	MCS7	-	-	5510	5470	59.46
802.11n HT40 SDM, Cores 0-1	MCS7	-	-	5510	5470	58.54
802.11ax HE40 CDD, Cores 0-1	MCS7	SU	-	5510	5470	58.91
802.11ax HE40 CDD, Cores 0-1	MCS7	52	37	5510	5470	57.33
802.11ax HE40 SDM, Cores 0-1	MCS7	SU	-	5510	5470	58.47
802.11ax HE40 SDM, Cores 0-1	MCS7	52	37	5510	5470	57.12
802.11n HT40 CDD, Cores 0-1	MCS7	-	-	5670	5725	63.17
802.11n HT40 SDM, Cores 0-1	MCS7	-	-	5670	5725	61.81
802.11ax HE40 CDD, Cores 0-1	MCS7	SU	-	5670	5725	62.99
802.11ax HE40 CDD, Cores 0-1	MCS7	52	44	5670	5725	55.81
802.11ax HE40 SDM, Cores 0-1	MCS7	SU	-	5670	5725	60.93
802.11ax HE40 SDM, Cores 0-1	MCS7	52	44	5670	5725	56.23
802.11n HT40, CDD Cores 0-1	MCS7	-	-	5755	5725	59.34
802.11n HT40, SDM Cores 0-1	MCS7	-	-	5755	5725	63.75
802.11ax HE40 CDD, Cores 0-1	MCS7	SU	-	5755	5725	59.93
802.11ax HE40 CDD, Cores 0-1	MCS7	26	0	5755	5725	55.17
802.11ax HE40 SDM, Cores 0-1	MCS7	SU	-	5755	5725	56.85
802.11ax HE40 SDM, Cores 0-1	MCS7	26	0	5755	5725	54.87
802.11n HT40 CDD, Cores 0-1	MCS7	-	-	5795	5850	56.62
802.11n HT40 SDM, Cores 0-1	MCS7	-	-	5795	5850	58.44
802.11ax HE40 CDD, Cores 0-1	MCS7	SU	-	5795	5850	56.51
802.11ax HE40 CDD, Cores 0-1	MCS7	26	17	5795	5850	54.55
802.11ax HE40 SDM, Cores 0-1	MCS7	SU	-	5795	5850	56.80
802.11ax HE40 SDM, Cores 0-1	MCS7	26	17	5795	5850	55.22

Table 437 - MIMO Authorised Band Edge Results

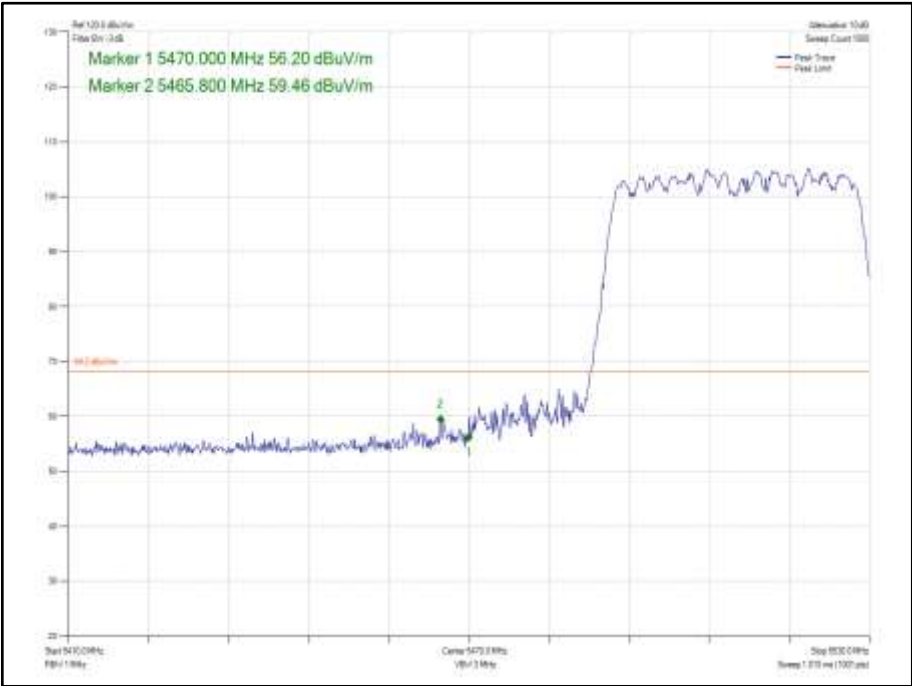


Figure 53 - 802.11n HT40 CDD, Cores 0-1 - 5510 MHz
Band Edge Frequency 5470 MHz

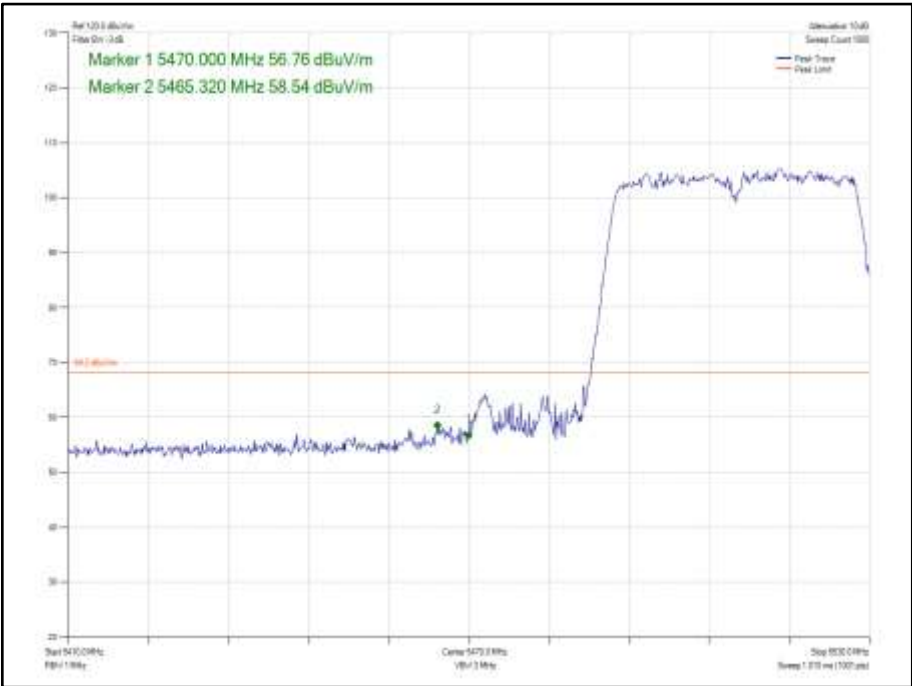
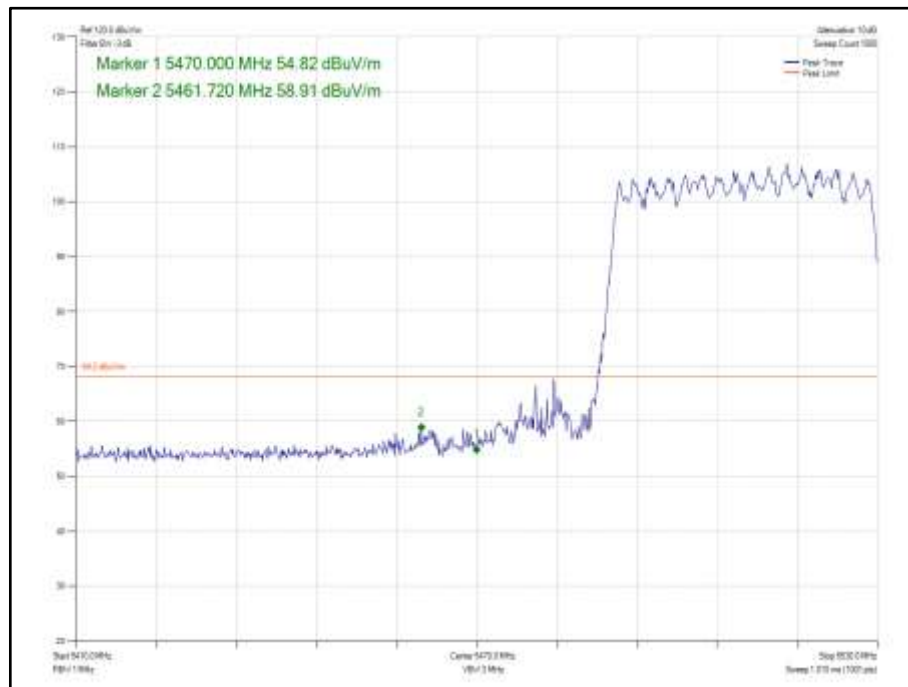
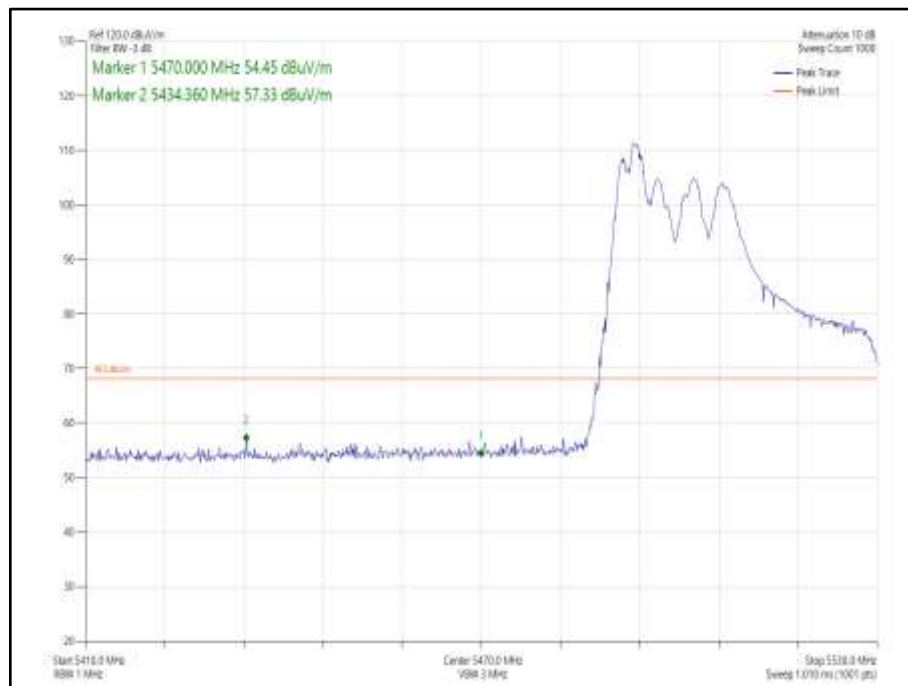


Figure 54 - 802.11n HT40 SDM, Cores 0-1 - 5510 MHz
Band Edge Frequency 5470 MHz



**Figure 55 - 802.11ax HE40 CDD, Cores 0-1, SU - 5510 MHz
Band Edge Frequency 5470 MHz**



**Figure 56 - 802.11ax HE40 CDD, Cores 0-1, 52-37 - 5510 MHz
Band Edge Frequency 5470 MHz**

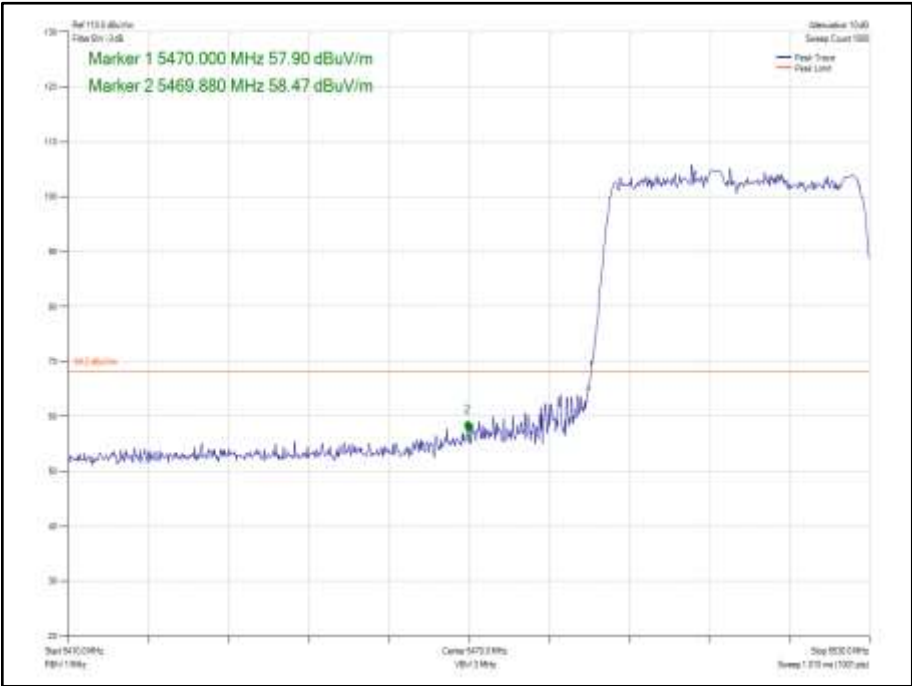


Figure 57 - 802.11ax HE40 SDM, Cores 0-1, SU - 5510 MHz
Band Edge Frequency 5470 MHz

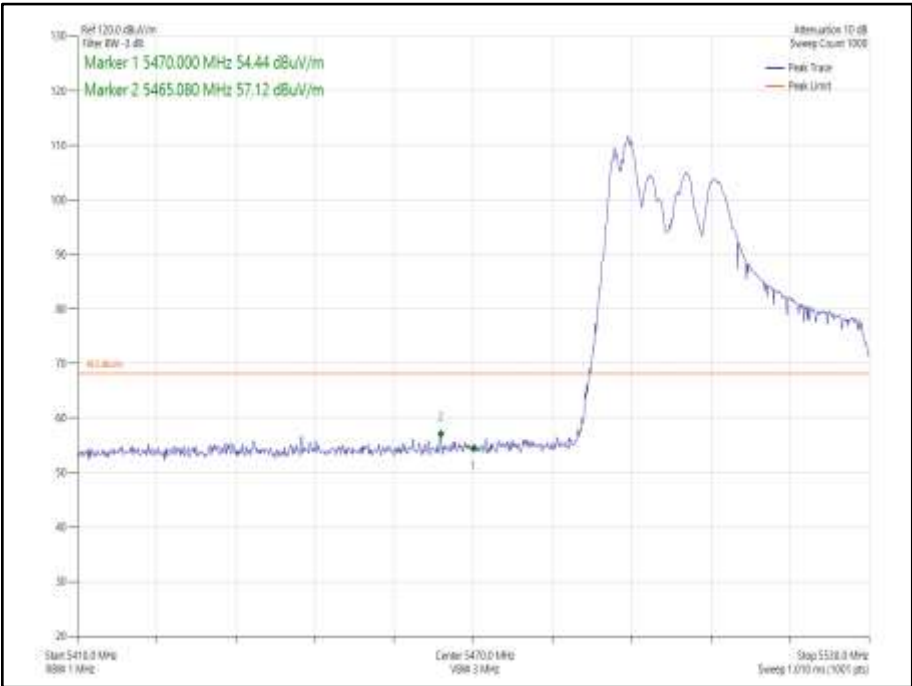


Figure 58 - 802. 11ax HE40 SDM, Cores 0-1, 52-37 - 5510 MHz
Band Edge Frequency 5470 MHz

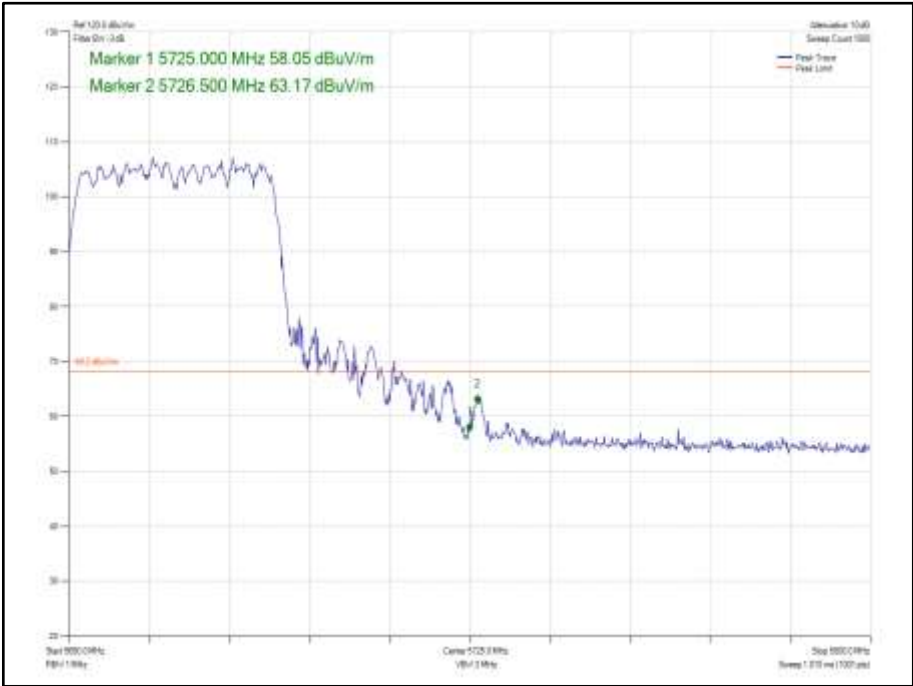


Figure 59 - 802.11n HT40 CDD, Cores 0-1 - 5670 MHz
Band Edge Frequency 5725 MHz

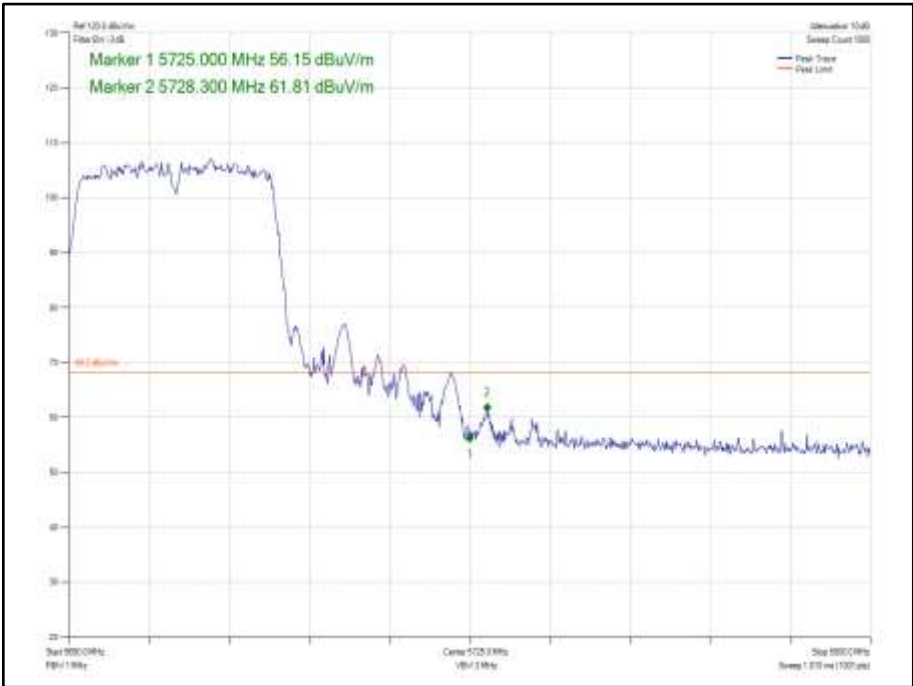


Figure 60 - 802.11n HT40 SDM, Cores 0-1 - 5670 MHz
Band Edge Frequency 5725 MHz

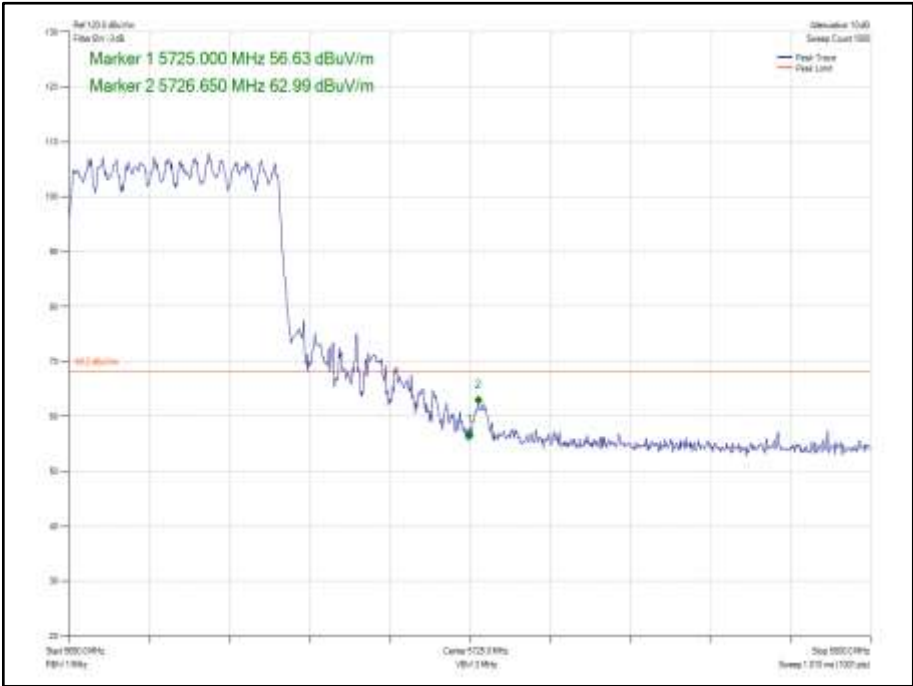


Figure 61 - 802.11ax HE40 CDD, Cores 0-1, SU - 5670 MHz
Band Edge Frequency 5725 MHz

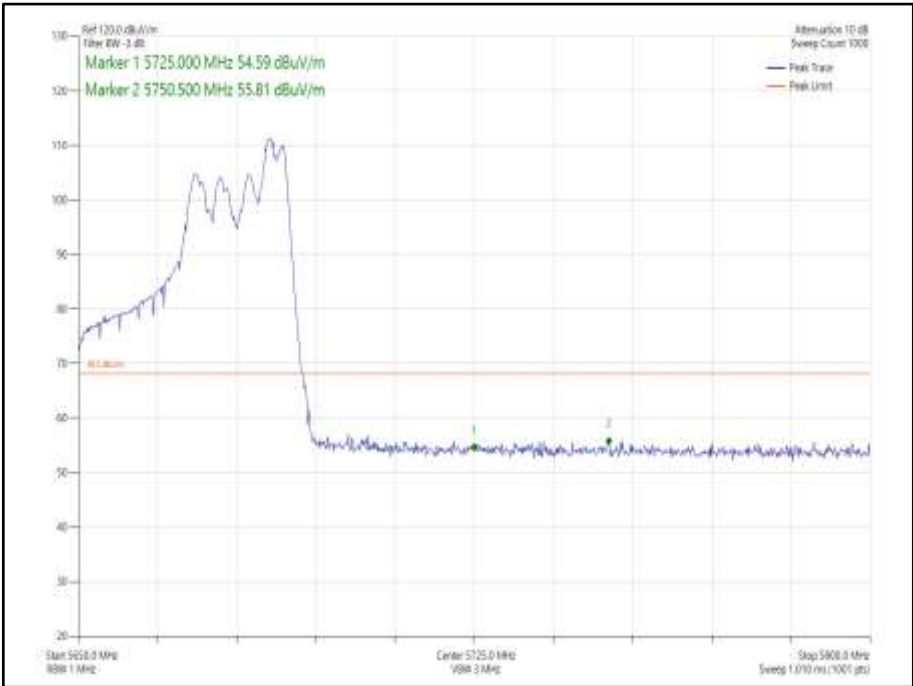


Figure 62 - 802.11ax HE40 CDD, Cores 0-1, 52 - 44 - 5670 MHz
Band Edge Frequency 5725 MHz

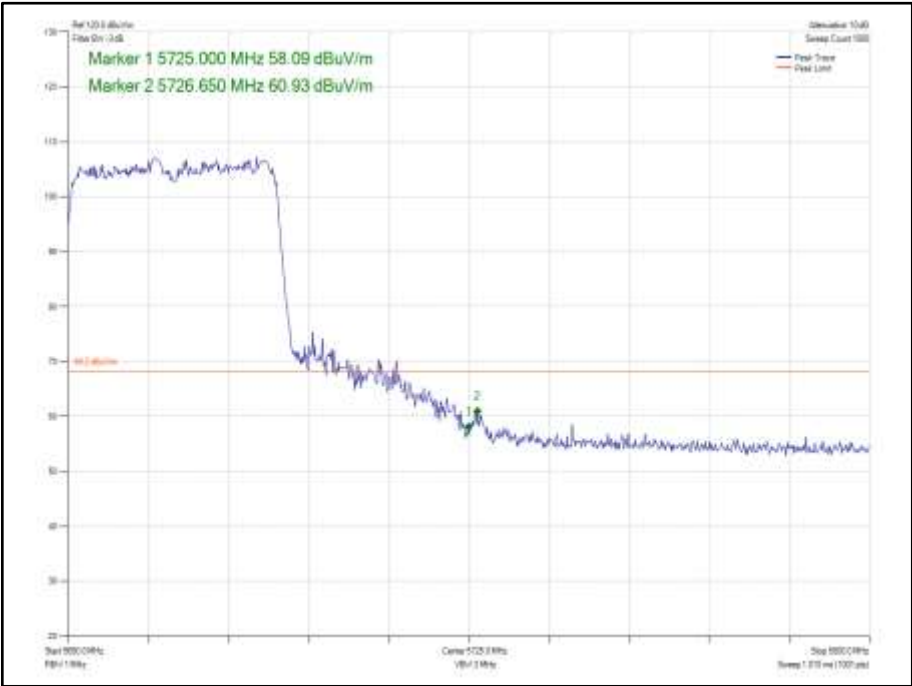


Figure 63 - 802.11ax HE40 SDM, Cores 0-1, SU - 5670 MHz
Band Edge Frequency 5725 MHz

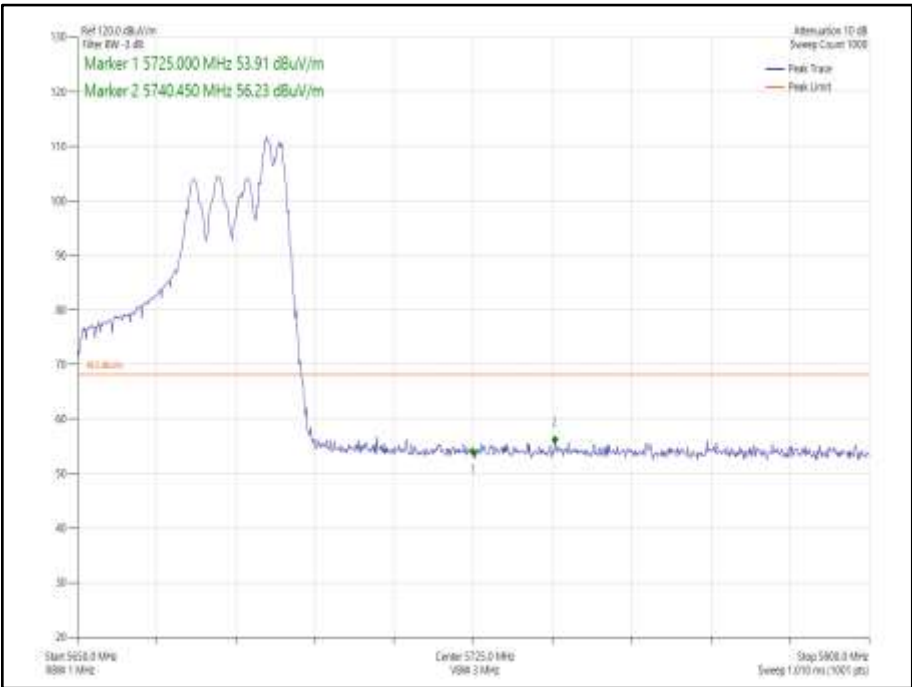


Figure 64 - 802.11ax HE40 SDM, Cores 0-1, 52-44 - 5670 MHz
Band Edge Frequency 5725 MHz

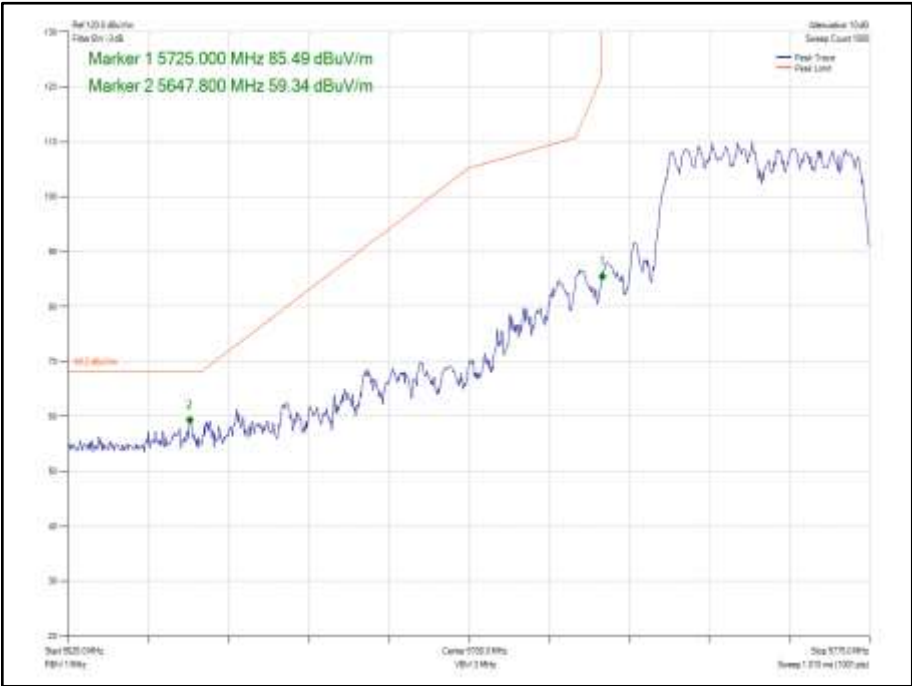


Figure 65 - 802.11n HT40 CDD, Cores 0-1 - 5755 MHz
Band Edge Frequency 5725 MHz

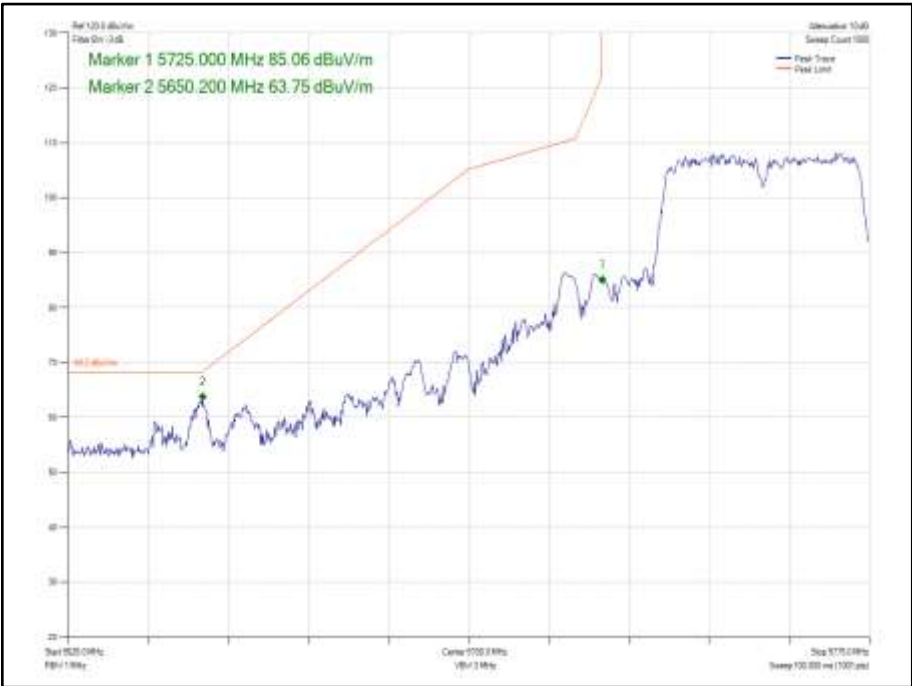
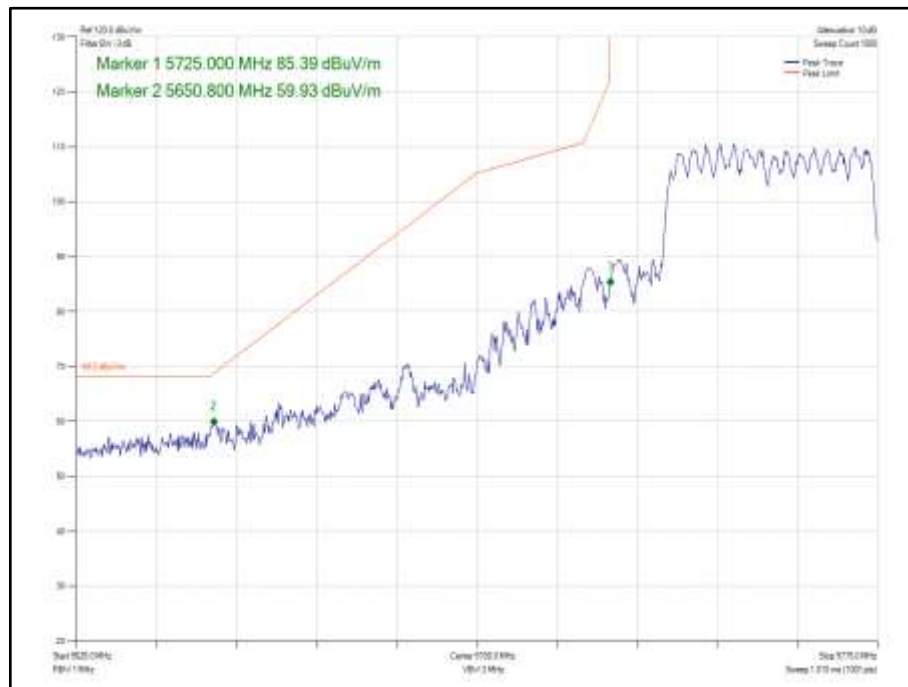
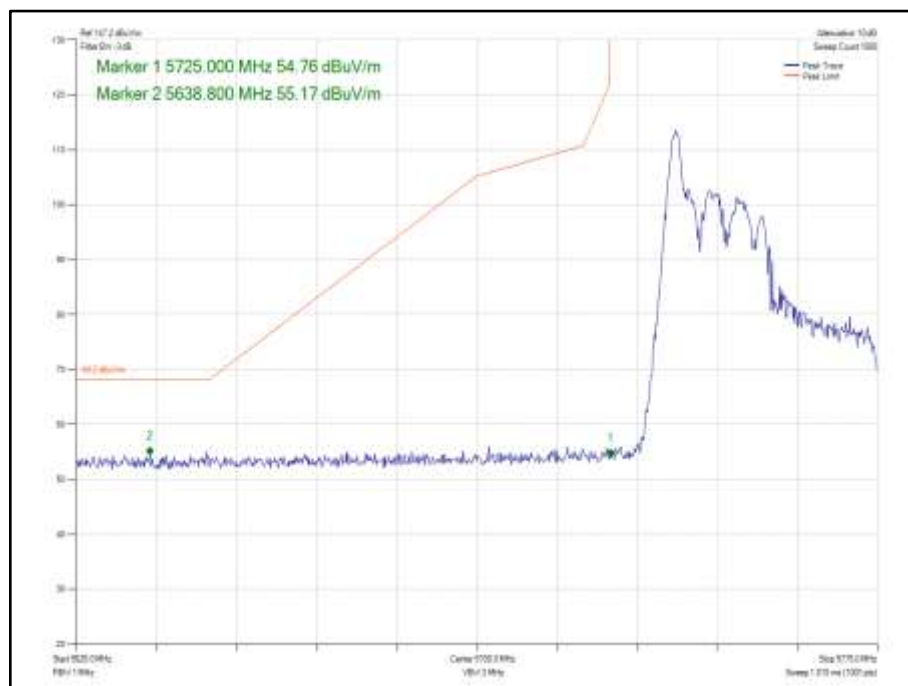


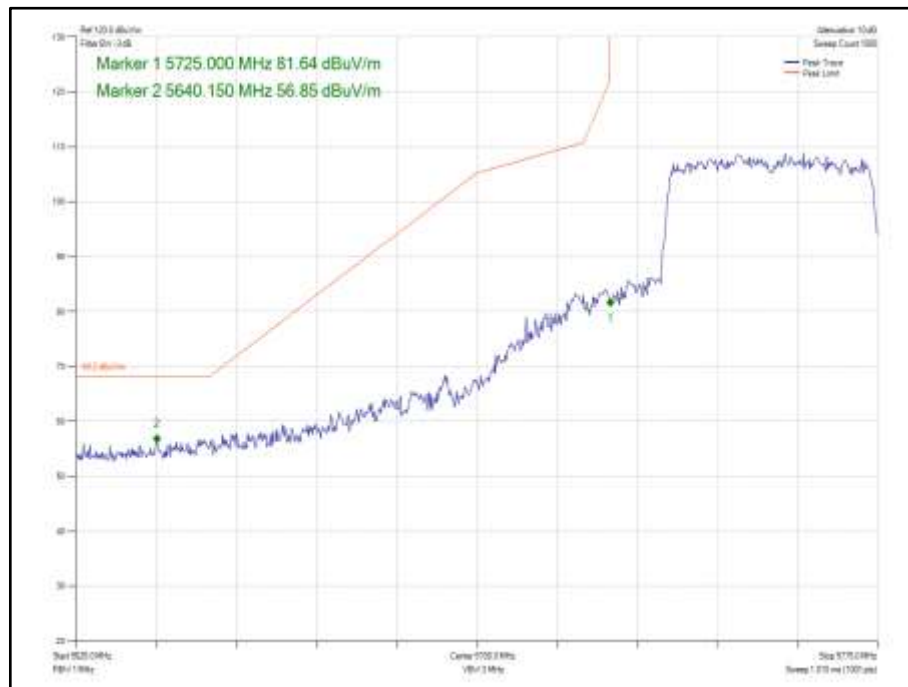
Figure 66 - 802.11n HT40 SDM, Cores 0-1 - 5755 MHz
Band Edge Frequency 5725 MHz



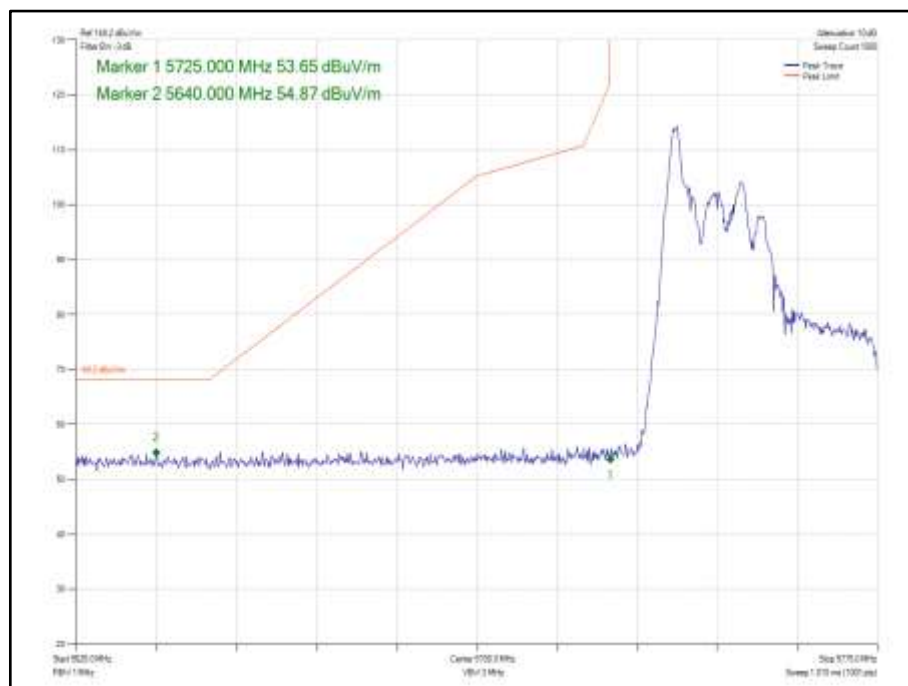
**Figure 67 - 802.11ax HE40 CDD, Cores 0-1, SU - 5755 MHz
Band Edge Frequency 5725 MHz**



**Figure 68 - 802.11ax HE40 CDD, Cores 0-1, 26-0 - 5755 MHz
Band Edge Frequency 5725 MHz**



**Figure 69 - 802.11ax HE40 SDM, Cores 0-1, SU - 5755 MHz
 Band Edge Frequency 5725 MHz**



**Figure 70 - 802.11ax HE40 SDM, Cores 0-1, 26-0 - 5755 MHz
 Band Edge Frequency 5725 MHz**

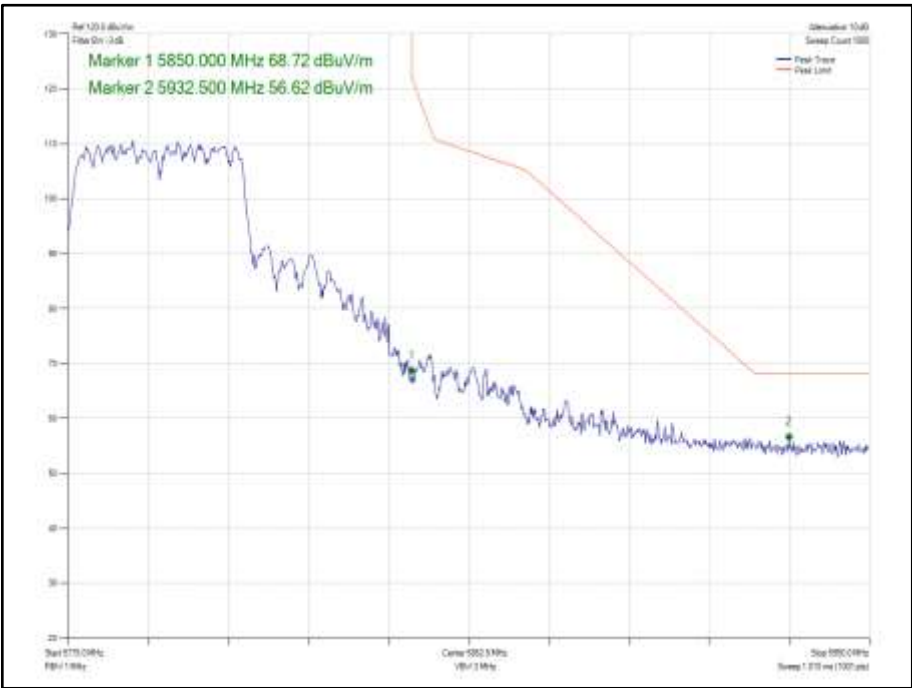


Figure 71 - 802.11n HT40 CDD, Cores 0-1 - 5795 MHz
Band Edge Frequency 5850 MHz

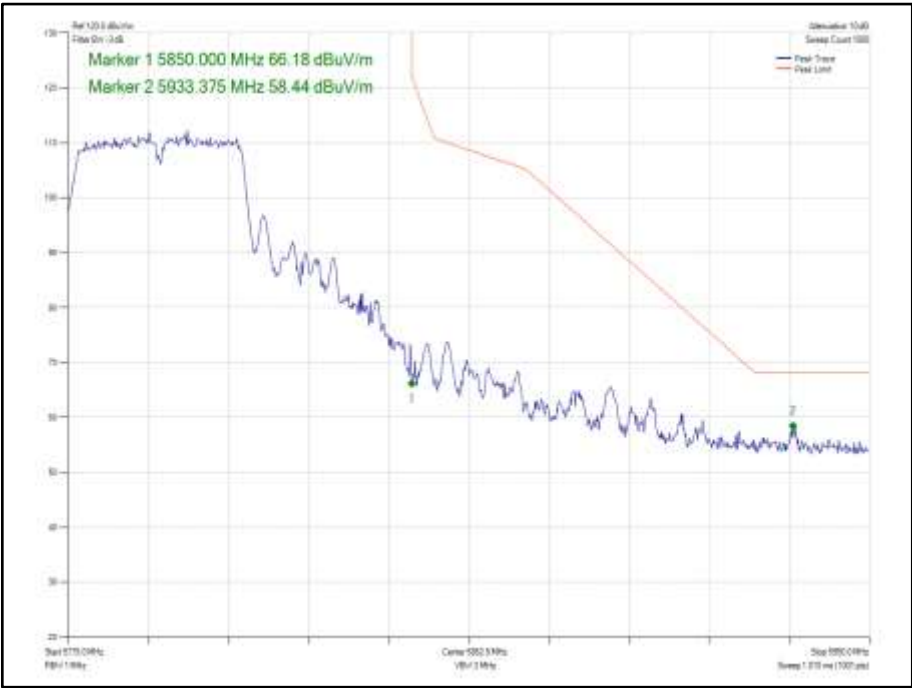


Figure 72 - 802.11n HT40 SDM, Cores 0-1 - 5795 MHz
Band Edge Frequency 5850 MHz

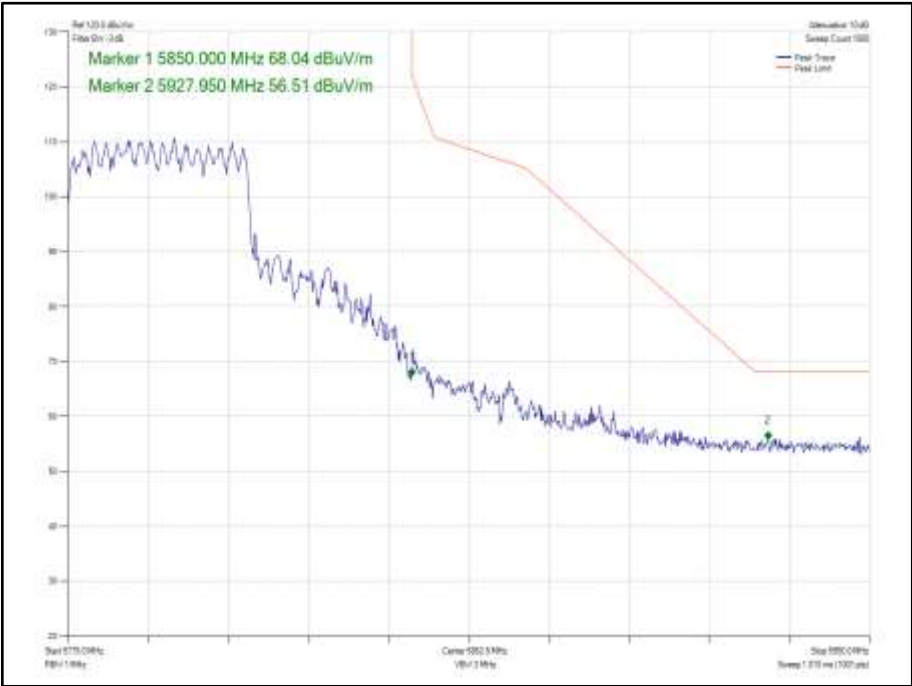


Figure 73 - 802.11ax HE40 CDD, Cores 0-1, SU - 5795 MHz
Band Edge Frequency 5850 MHz

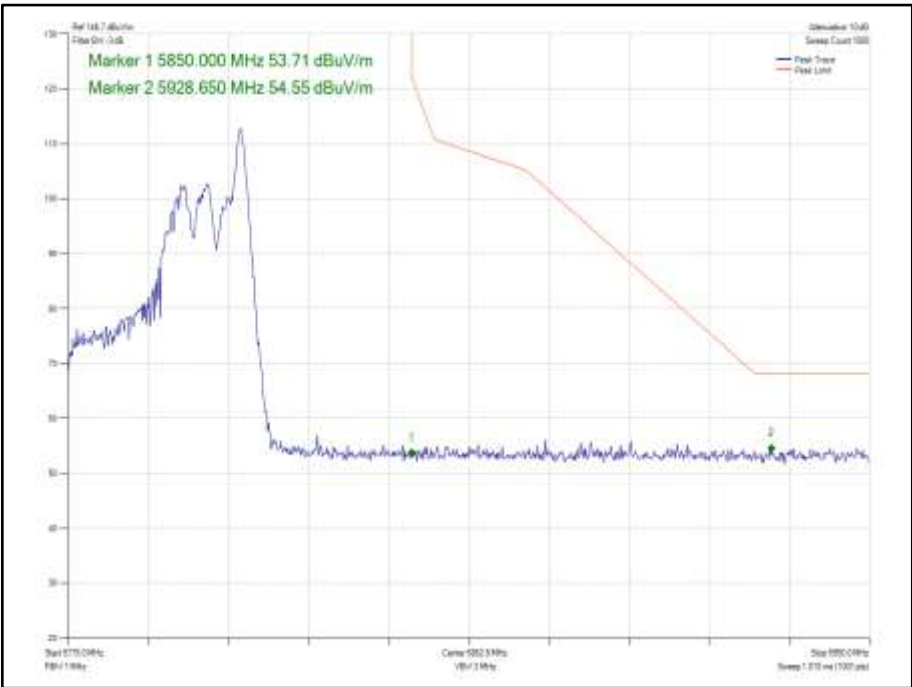
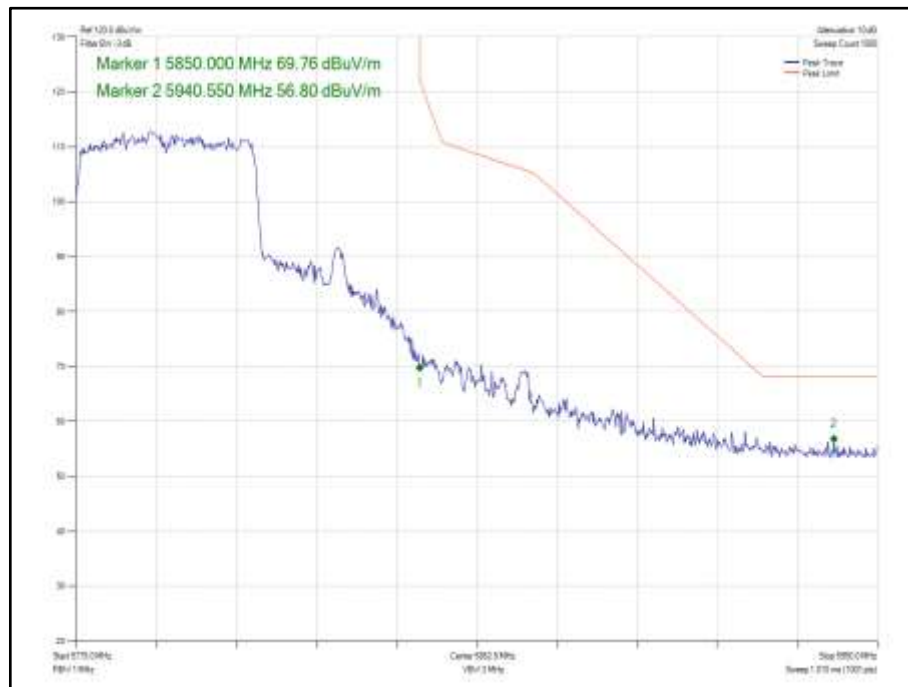
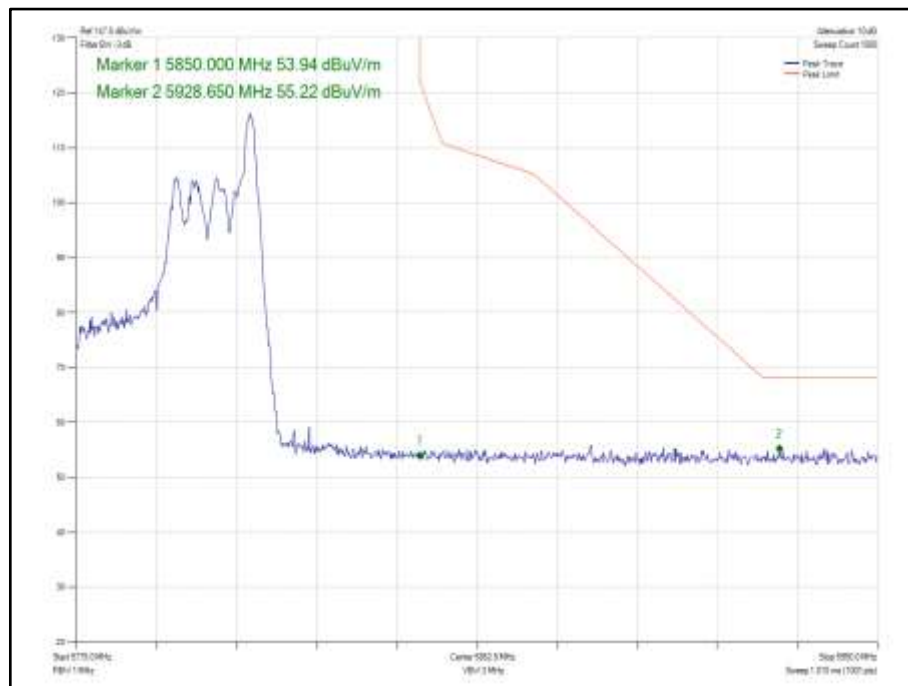


Figure 74 - 802.11ax HE40 CDD, Cores 0-1, 26-17 - 5795 MHz
Band Edge Frequency 5850 MHz



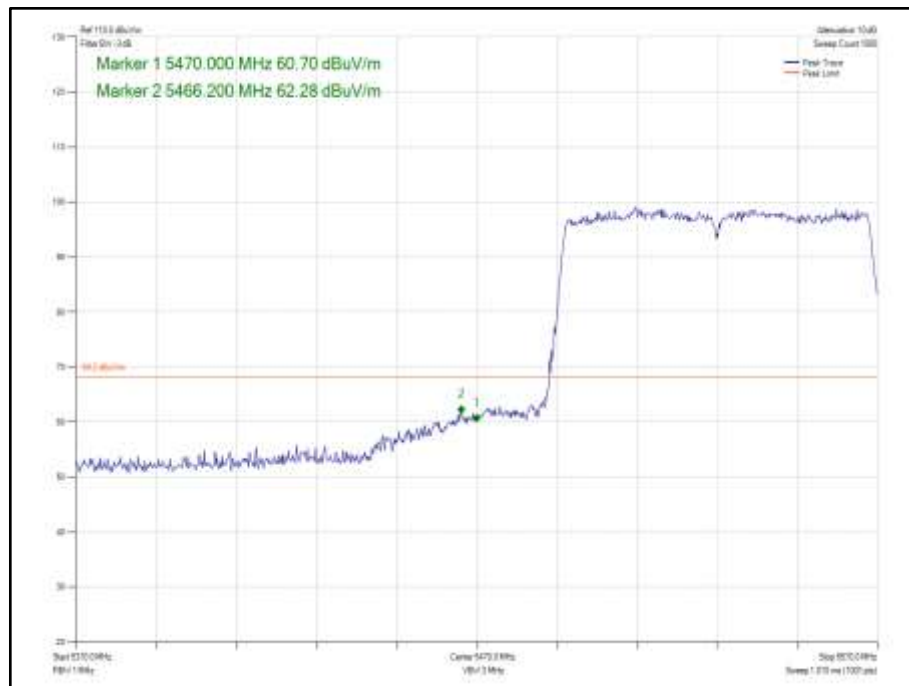
**Figure 75 - 802.11ax HE40 SDM, Cores 0-1, SU - 5795 MHz
Band Edge Frequency 5850 MHz**



**Figure 76 - 802.11ax HE40 SDM, Cores 0-1, 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)
802.11ac VHT80, Core 1	MCS7x1	-	-	5530	5470	62.28
802.11ac VHT80, Core 1	MCS7x1	-	-	5610	5725	57.29
802.11ac VHT80, Core 0	MCS7x1	-	-	5775	5725	60.20
802.11ac VHT80, Core 0	MCS7x1	-	-	5775	5850	59.48
802.11ax HE80, Core 1	MCS7	SU	-	5530	5470	60.84
802.11ax HE80, Core 1	MCS7	52	37	5530	5470	64.69
802.11ax HE80, Core 1	MCS7	SU	-	5610	5725	56.72
802.11ax HE80, Core 1	MCS7	52	52	5610	5725	55.96
802.11ax HE80, Core 0	MCS7	SU	-	5775	5725	60.80
802.11ax HE80, Core 0	MCS7	26	0	5775	5725	55.47
802.11ax HE80, Core 0	MCS7	SU	-	5775	5850	59.13
802.11ax HE80, Core 0	MCS7	26	36	5775	5850	56.31

Table 438 - SISO Authorised Band Edge Results



**Figure 77 - 802.11ac VHT80 Core 1 - 5530 MHz
Band Edge Frequency 5470 MHz**

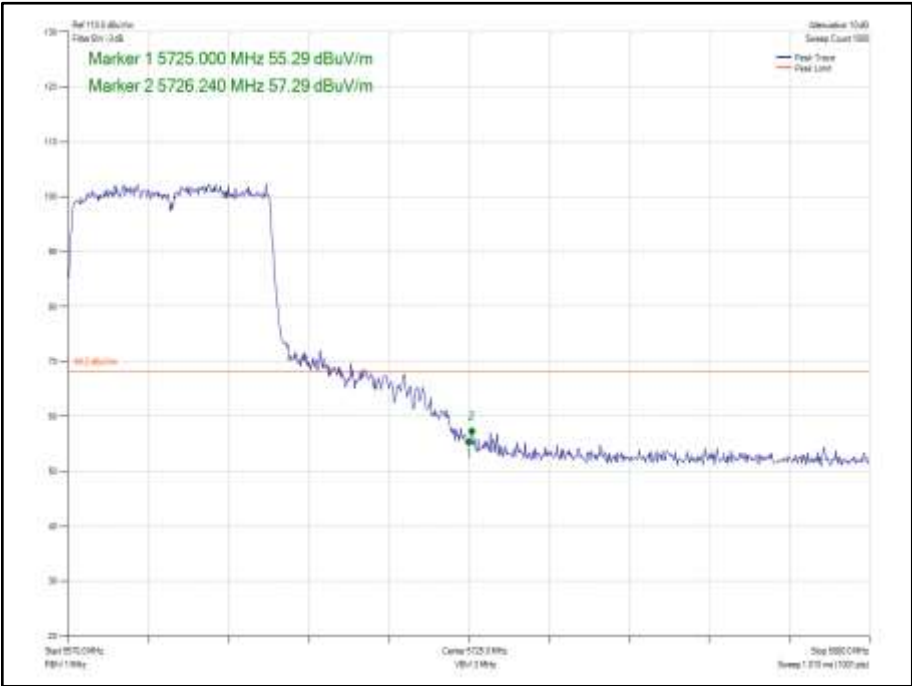


Figure 78 - 802.11ac VHT80 Core 1 - 5610 MHz
Band Edge Frequency 5725 MHz

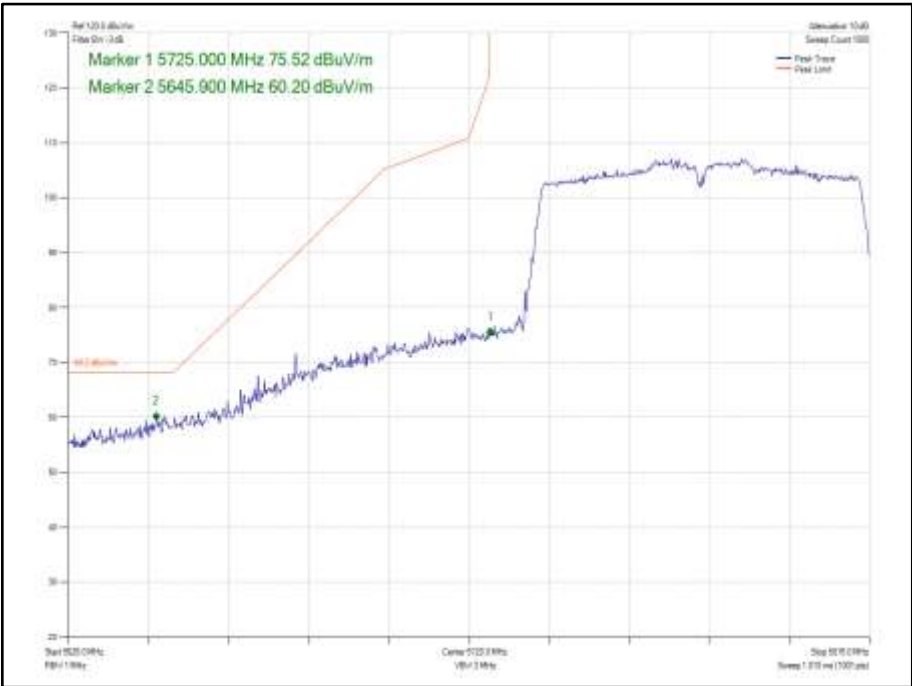


Figure 79 - 802.11ac VHT80 Core 0 - 5775 MHz
Band Edge Frequency 5725 MHz

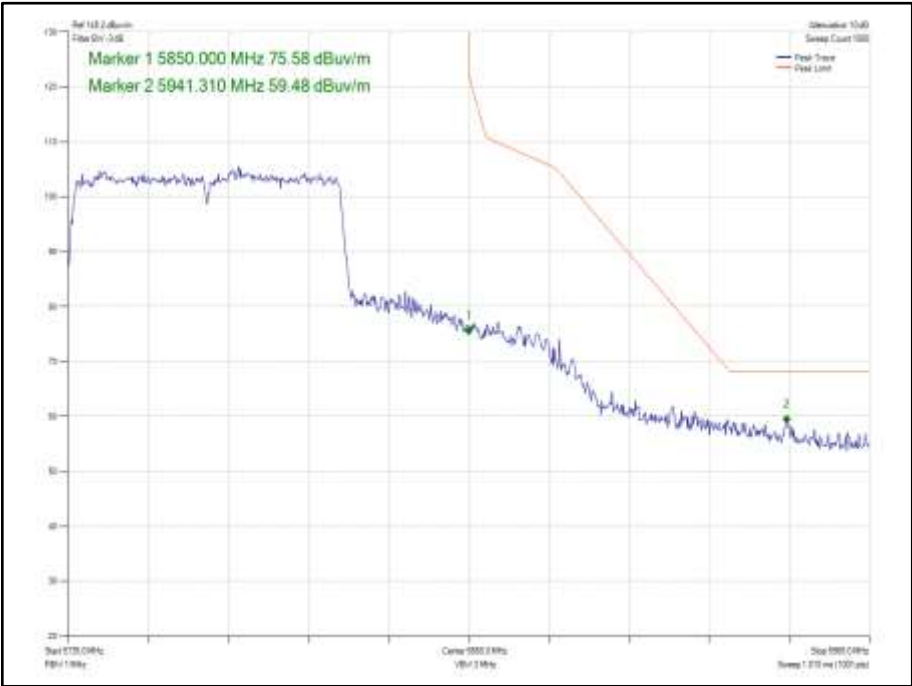


Figure 80 - 802.11ac VHT80 Core 0 - 5775 MHz
Band Edge Frequency 5850 MHz

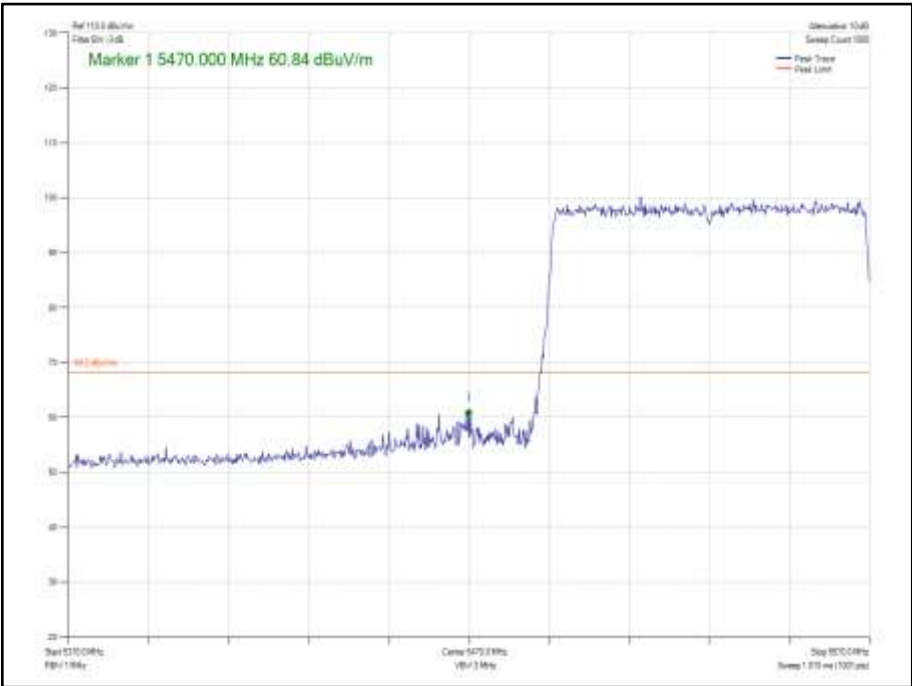


Figure 81 - 802.11ax HE80 Core 1 SU - 5530 MHz
Band Edge Frequency 5470 MHz

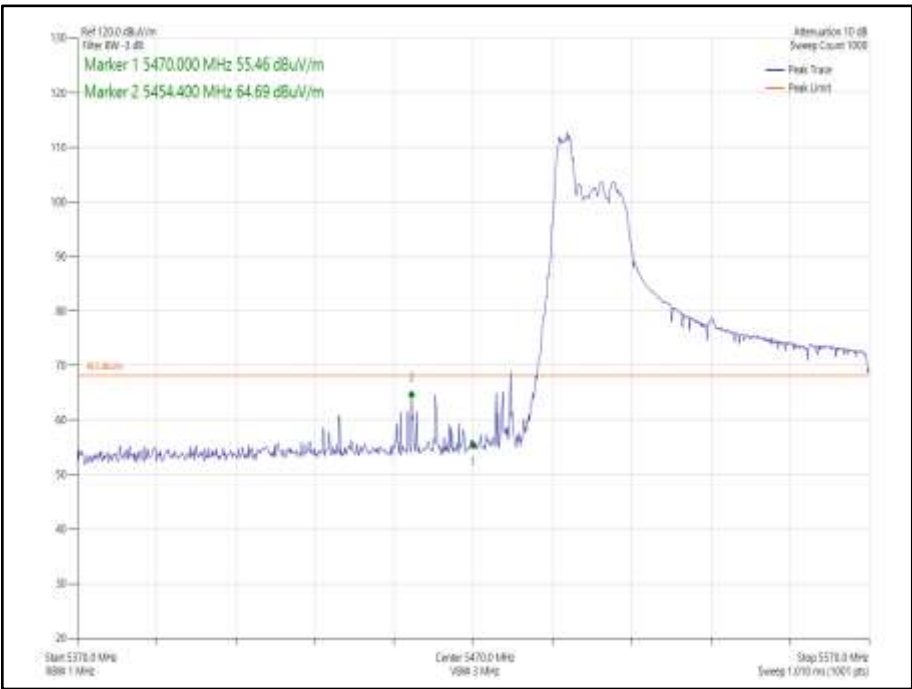


Figure 82 - 802.11ax HE80 Core 1 52-37- 5530 MHz
Band Edge Frequency 5470 MHz

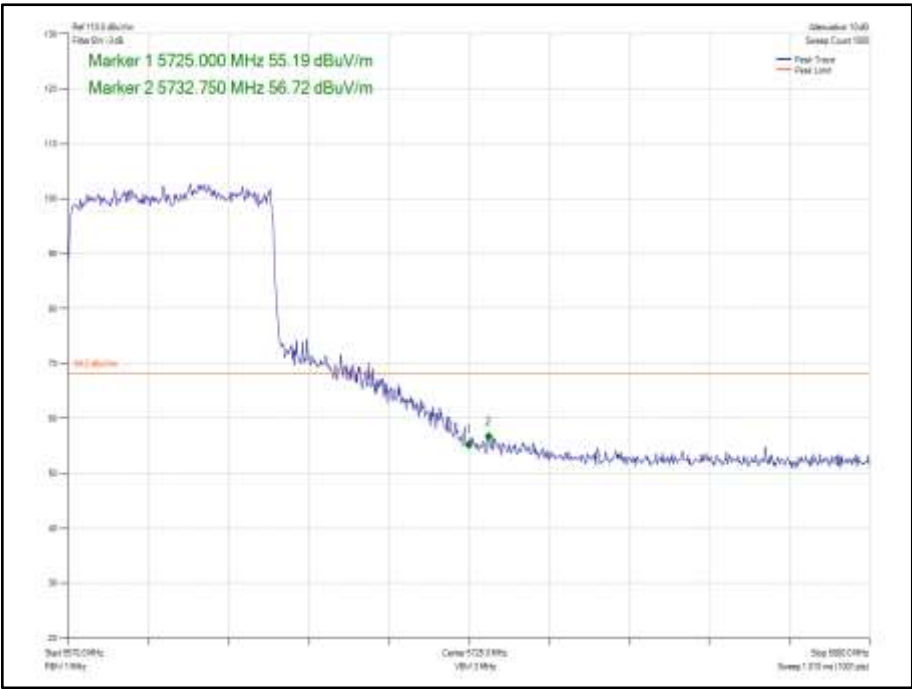


Figure 83 - 802.11ax HE80 Core 1 SU - 5610 MHz
Band Edge Frequency 5725 MHz

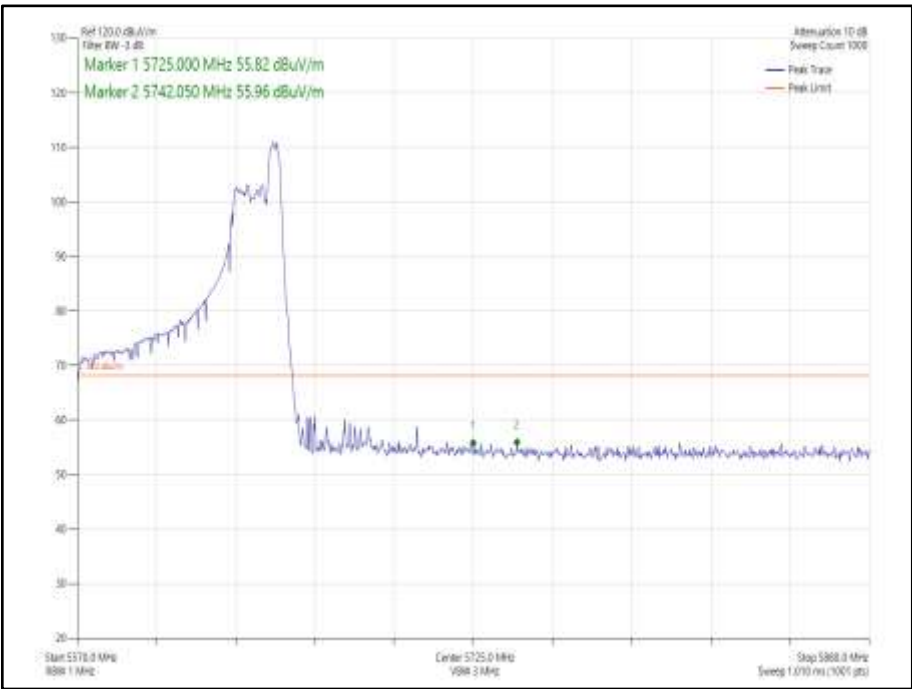


Figure 84 - 802.11ax HE80 Core 1 52-52 - 5610 MHz
Band Edge Frequency 5725 MHz

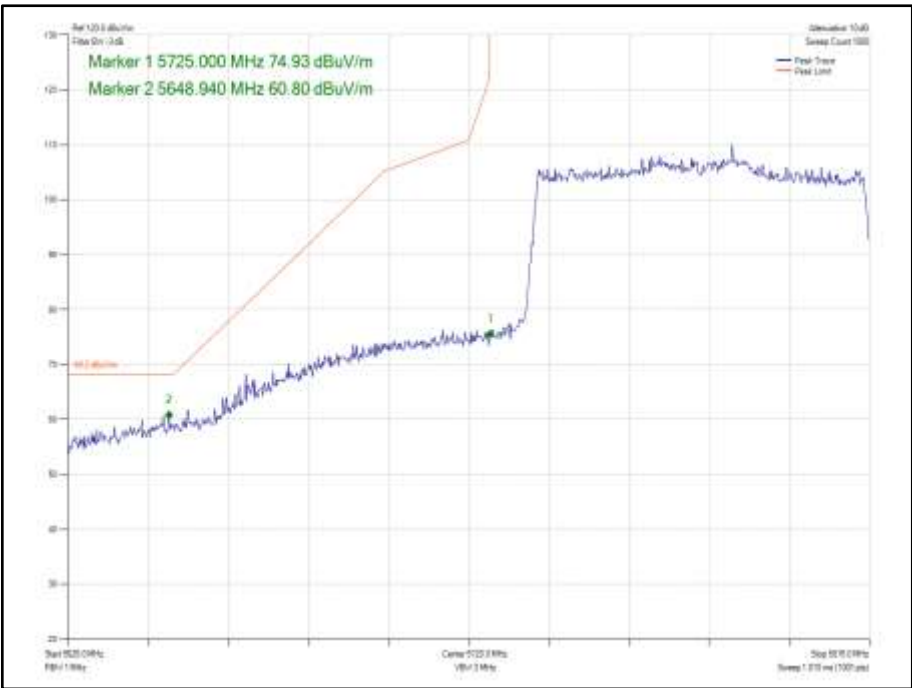


Figure 85 - 802.11ax HE80 Core 0 SU - 5775 MHz
Band Edge Frequency 5725 MHz

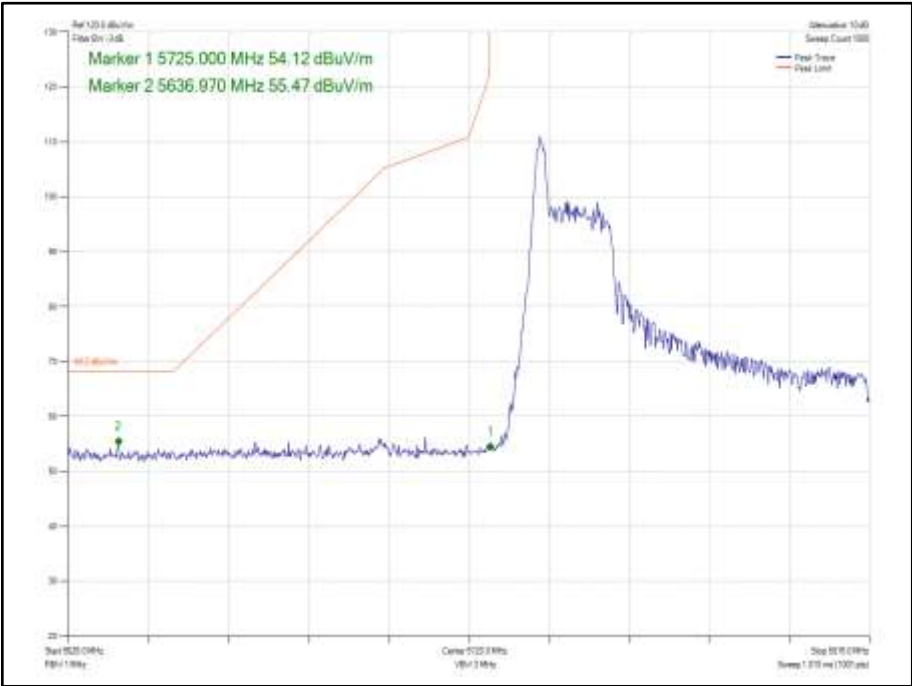


Figure 86 - 802.11ax HE80 Core 0 26-0 - 5775 MHz
Band Edge Frequency 5725 MHz

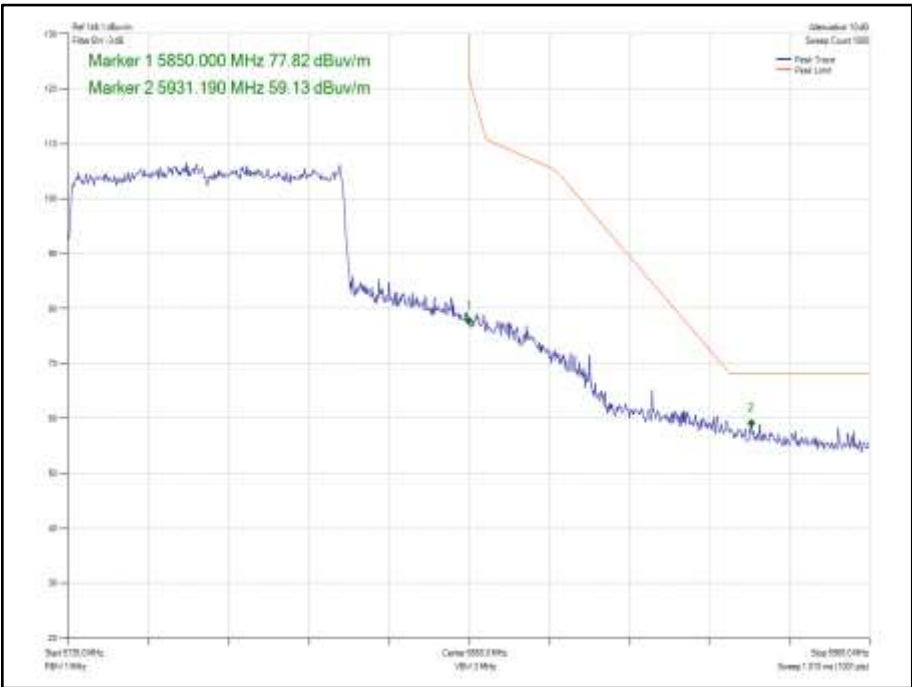


Figure 87 - 802.11ax HE80 Core 0 SU - 5775 MHz
Band Edge Frequency 5850 MHz

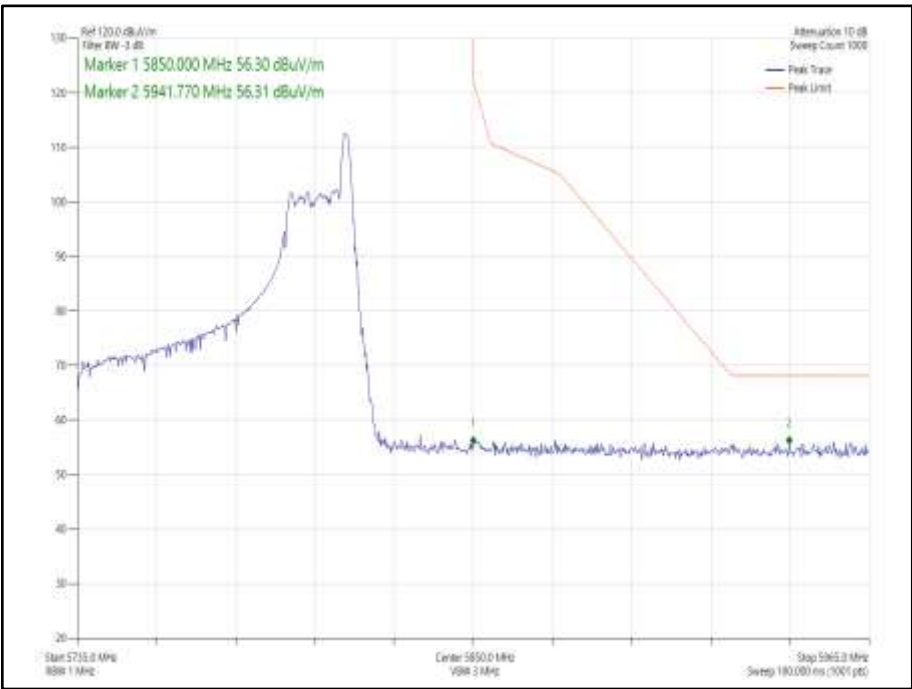
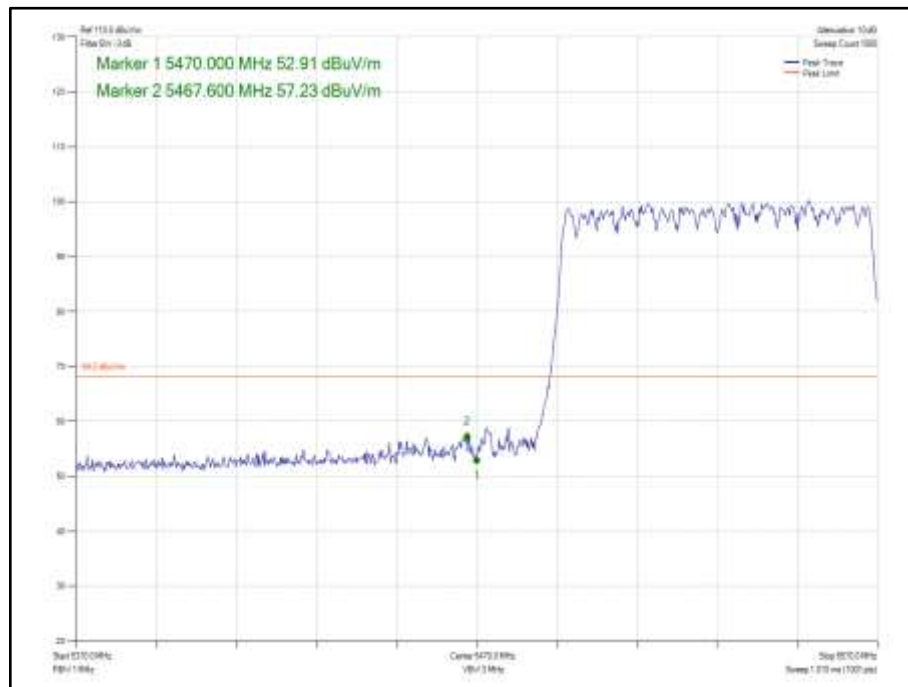


Figure 88 - 802.11ax HE80 Core 0 26-36 - 5775 MHz
Band Edge Frequency 5850 MHz

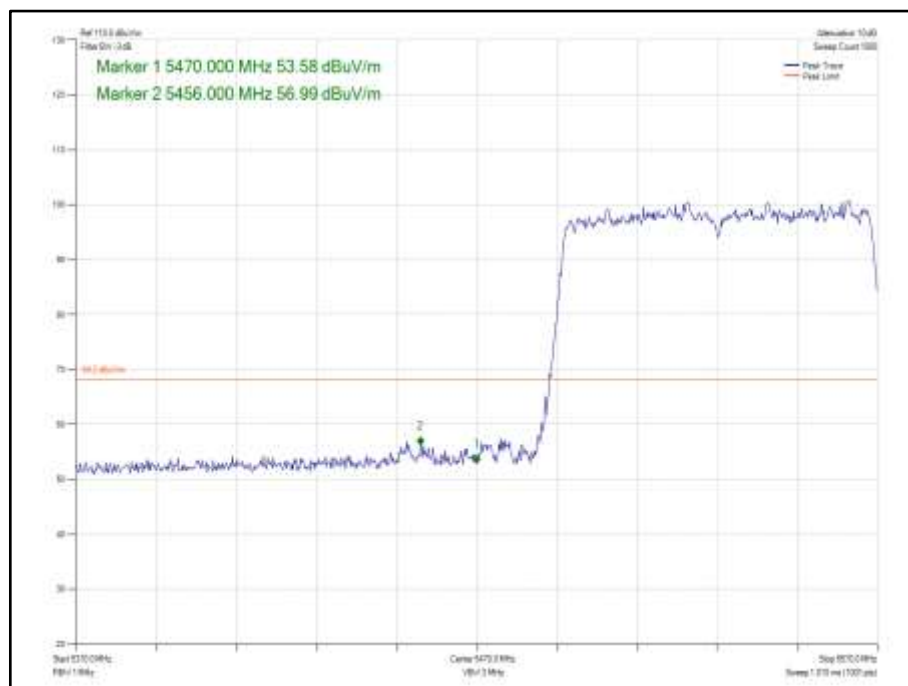


Mode	Data Rate/ MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuV/m)
802.11ac VHT80 CDD, Cores 0-1	MCS7x1	-	-	5530	5470	57.23
802.11ac VHT80 SDM, Cores 0-1	MCS7x1	-	-	5530	5470	56.99
802.11ax HE80 CDD, Cores 0-1	MCS7	SU	-	5530	5470	55.16
802.11ax HE80 CDD, Cores 0-1	MCS7	52	37	5530	5470	55.77
802.11ax HE80 SDM, Cores 0-1	MCS7	SU	-	5530	5470	55.52
802.11ax HE80 SDM, Cores 0-1	MCS7	52	37	5530	5470	56.11
802.11ac VHT80 CDD, Cores 0-1	MCS7	-	-	5610	5725	60.01
802.11ac VHT80 SDM, Cores 0-1	MCS7	-	-	5610	5725	61.40
802.11ax HE80 CDD, Cores 0-1	MCS7	SU	-	5610	5725	60.72
802.11ax HE80 CDD, Cores 0-1	MCS7	52	52	5610	5725	56.02
802.11ax HE80 SDM, Cores 0-1	MCS7	SU	-	5610	5725	59.99
802.11ax HE80 SDM, Cores 0-1	MCS7	52	52	5610	5725	56.17
802.11ac VHT80 CDD, Cores 0-1	MCS7	-	-	5775	5725	62.47
802.11ac VHT80 SDM, Cores 0-1	MCS7	-	-	5775	5725	60.86
802.11ax HE80 CDD, Cores 0-1	MCS7	SU	-	5775	5725	60.29
802.11ax HE80 CDD, Cores 0-1	MCS7	26	0	5775	5725	55.79
802.11ax HE80 SDM, Cores 0-1	MCS7	SU	-	5775	5725	60.96
802.11ax HE80 SDM, Cores 0-1	MCS7	26	0	5775	5725	55.29
802.11ac VHT80 CDD, Cores 0-1	MCS7	-	-	5775	5850	60.46
802.11ac VHT80 SDM, Cores 0-1	MCS7	-	-	5775	5850	59.90
802.11ax HE80 CDD, Cores 0-1	MCS7	SU	-	5775	5850	61.46
802.11ax HE80 CDD, Cores 0-1	MCS7	26	36	5775	5850	56.11
802.11ax HE80 SDM, Cores 0-1	MCS7	SU	-	5775	5850	58.65
802.11ax HE80 SDM, Cores 0-1	MCS7	26	36	5775	5850	56.31

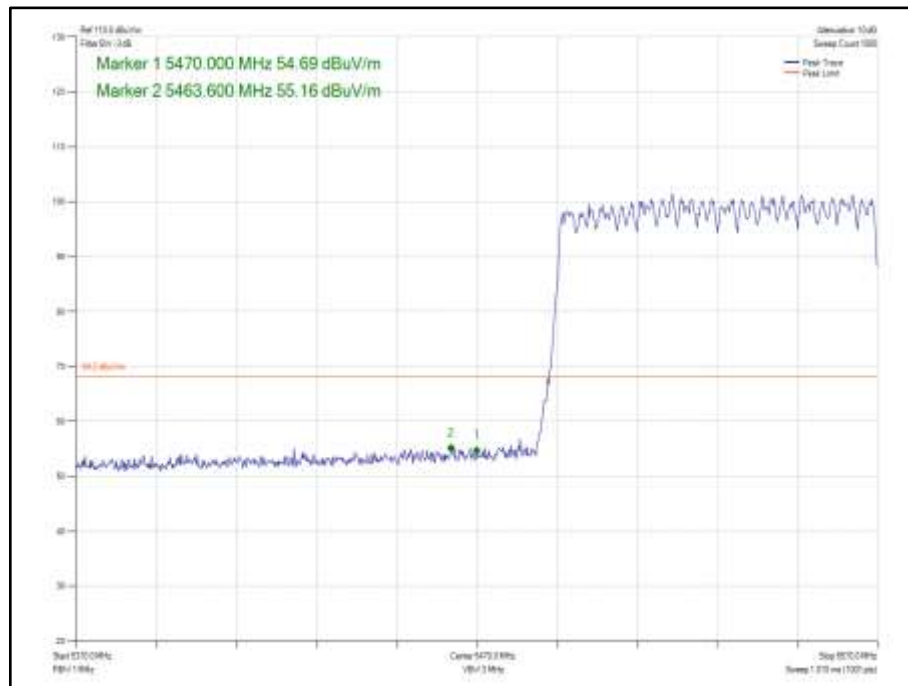
Table 439 - MIMO Authorised Band Edge Results



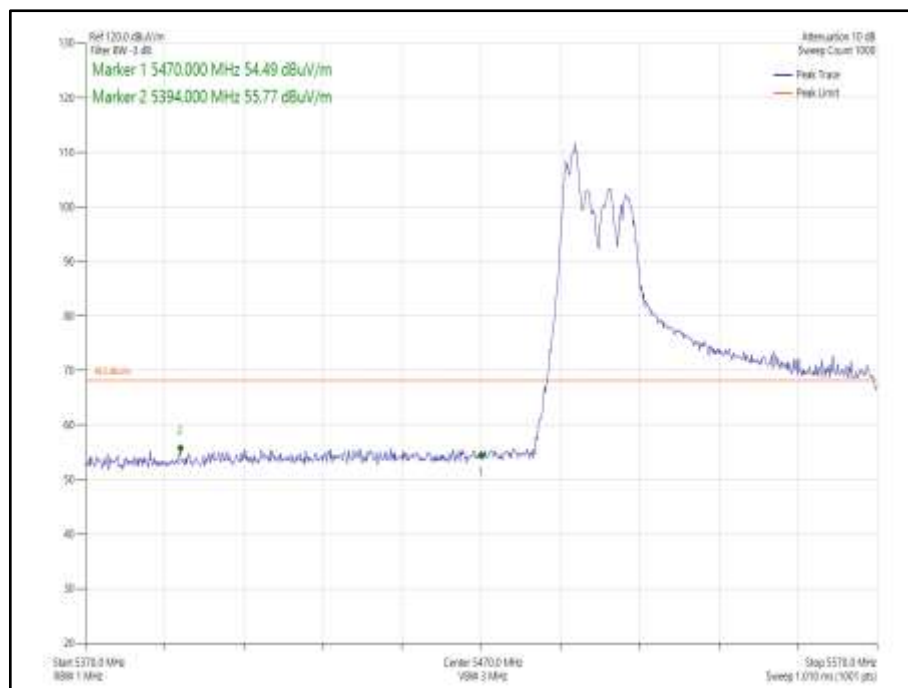
**Figure 89 - 802.11ac VHT80 CDD, Cores 0-1 - 5530 MHz
Band Edge Frequency 5470 MHz**



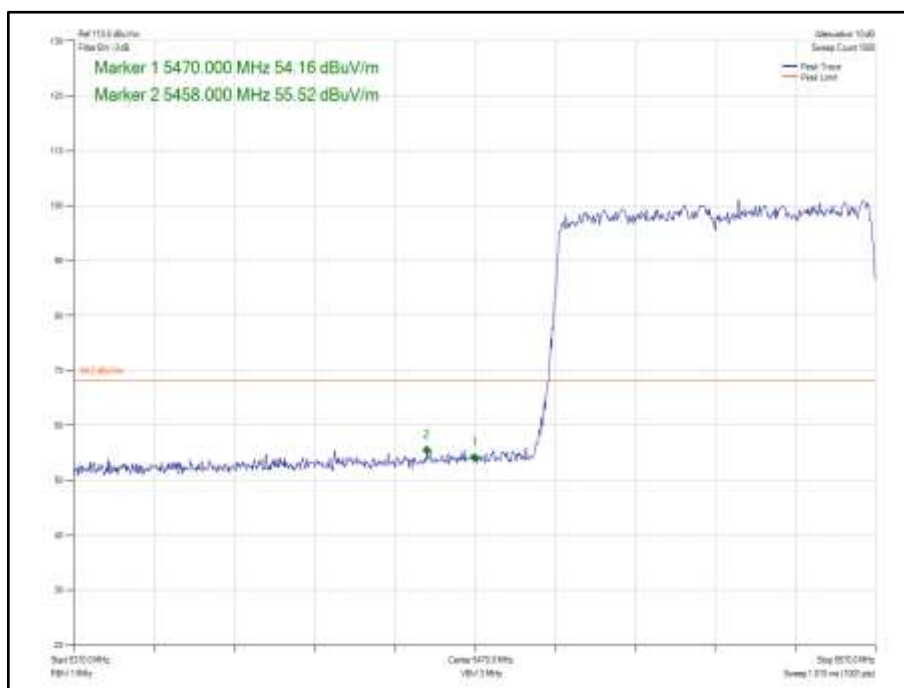
**Figure 90 - 802.11ac VHT80 SDM, Cores 0-1 - 5530 MHz
Band Edge Frequency 5470 MHz**



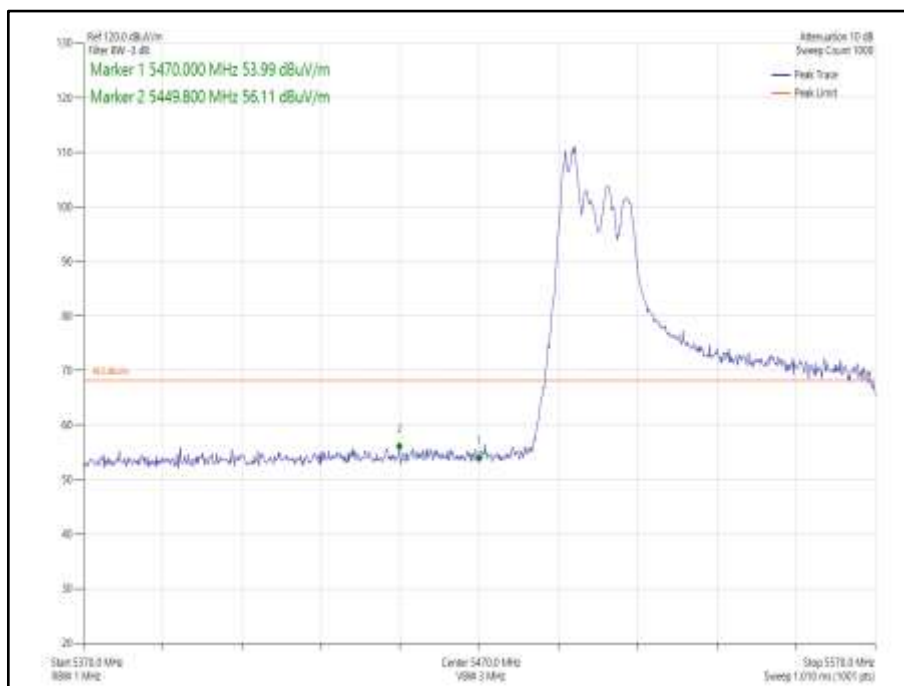
**Figure 91 - 802.11ax HE80 CDD, Cores 0-1, SU - 5530 MHz
Band Edge Frequency 5470 MHz**



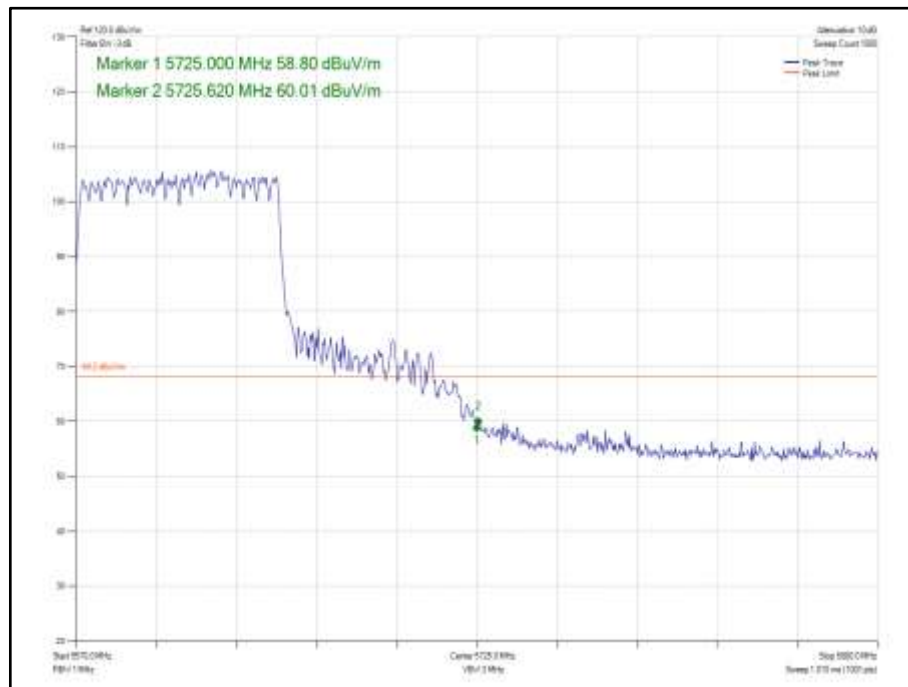
**Figure 92 - 802.11ax HE80 CDD, Cores 0-1, 52-37- 5530 MHz
Band Edge Frequency 5470 MHz**



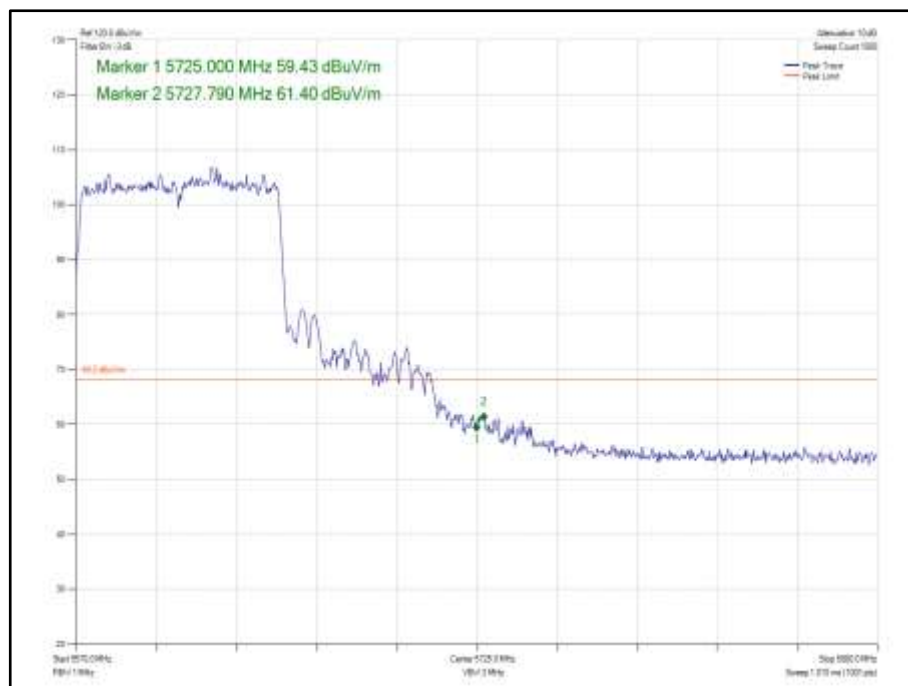
**Figure 93 - 802.11ax HE80 SDM, Cores 0-1, SU - 5530 MHz
Band Edge Frequency 5470 MHz**



**Figure 94 - 802.11ax HE80 SDM, Cores 0-1, 52-37 - 5530 MHz
Band Edge Frequency 5470 MHz**



**Figure 95 - 802.11ac VHT80 CDD, Cores 0-1 - 5610 MHz
Band Edge Frequency 5725 MHz**



**Figure 96 - 802.11ac VHT80 SDM, Cores 0-1 - 5610 MHz
Band Edge Frequency 5725 MHz**

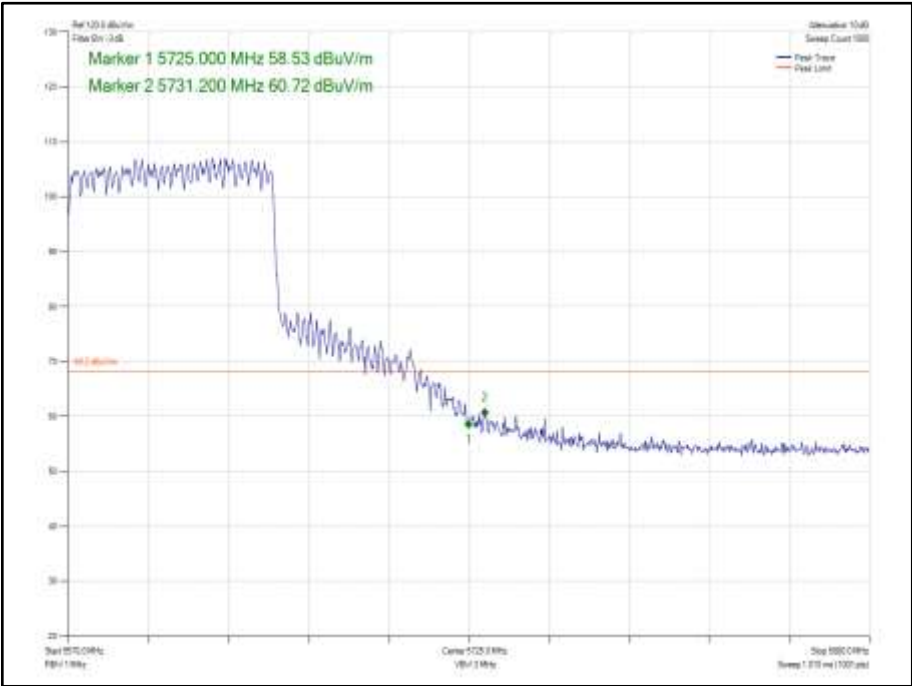


Figure 97 - 802.11ax HE80 CDD, Cores 0-1, SU - 5610 MHz
Band Edge Frequency 5725 MHz

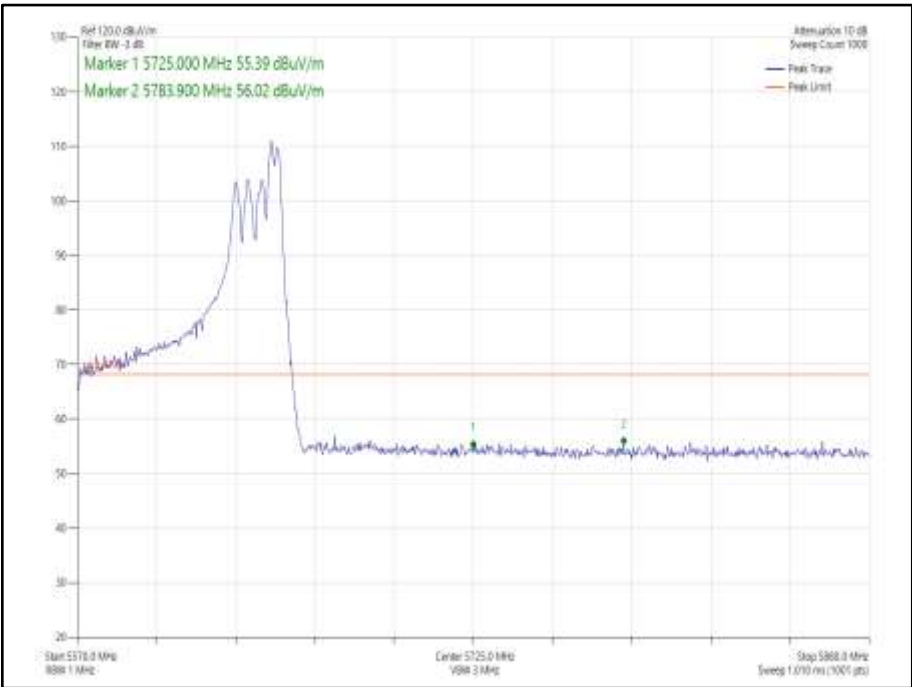


Figure 98 - 802.11ax HE80 CDD, Cores 0-1, 52-52- 5610 MHz
Band Edge Frequency 5725 MHz

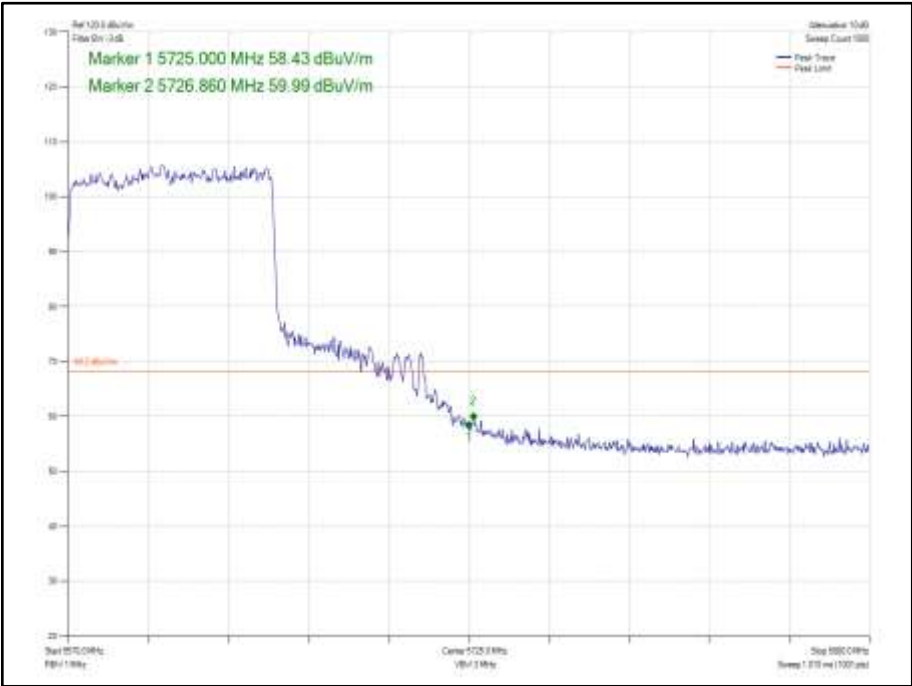


Figure 99 - 802.11ax HE80 SDM, Cores 0-1, SU - 5610 MHz
Band Edge Frequency 5725 MHz

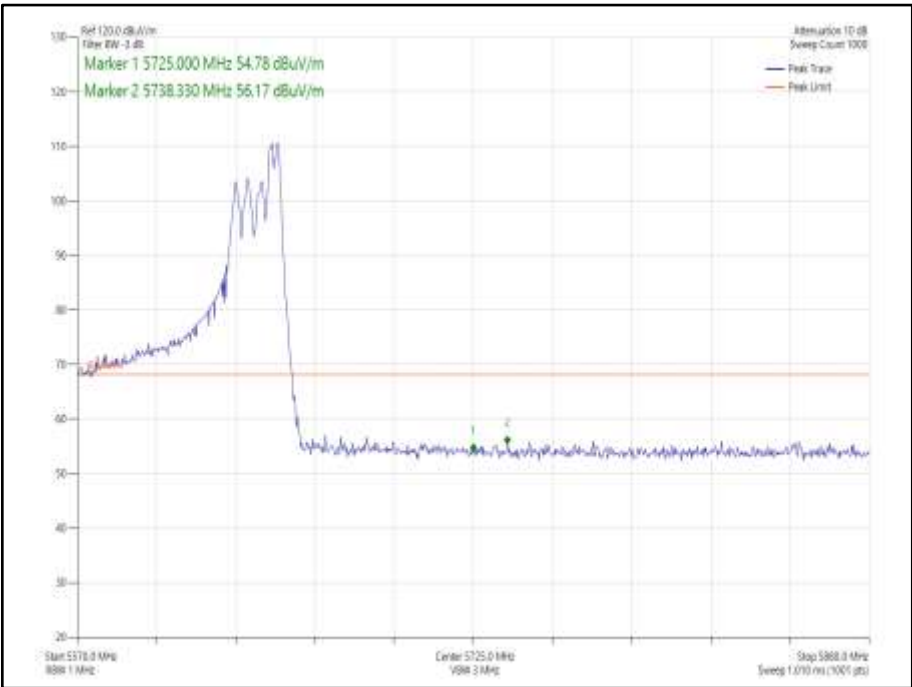


Figure 100 - 802.11ax HE80 SDM, Cores 0-1, 52-52 - 5610 MHz
Band Edge Frequency 5725 MHz

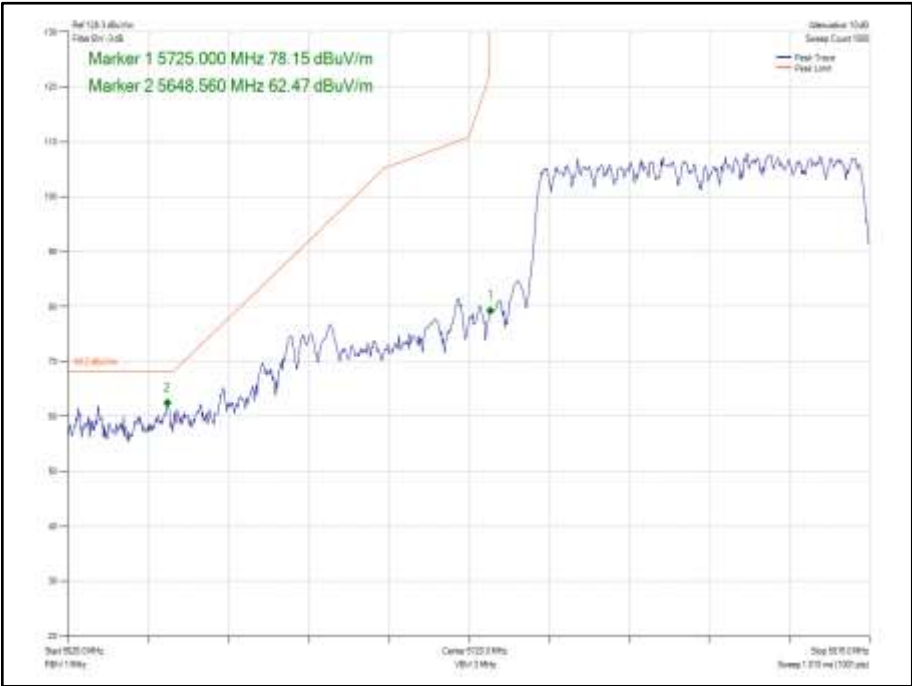


Figure 101 - 802.11ac VHT80 CDD, Cores 0-1 - 5775 MHz
Band Edge Frequency 5725 MHz

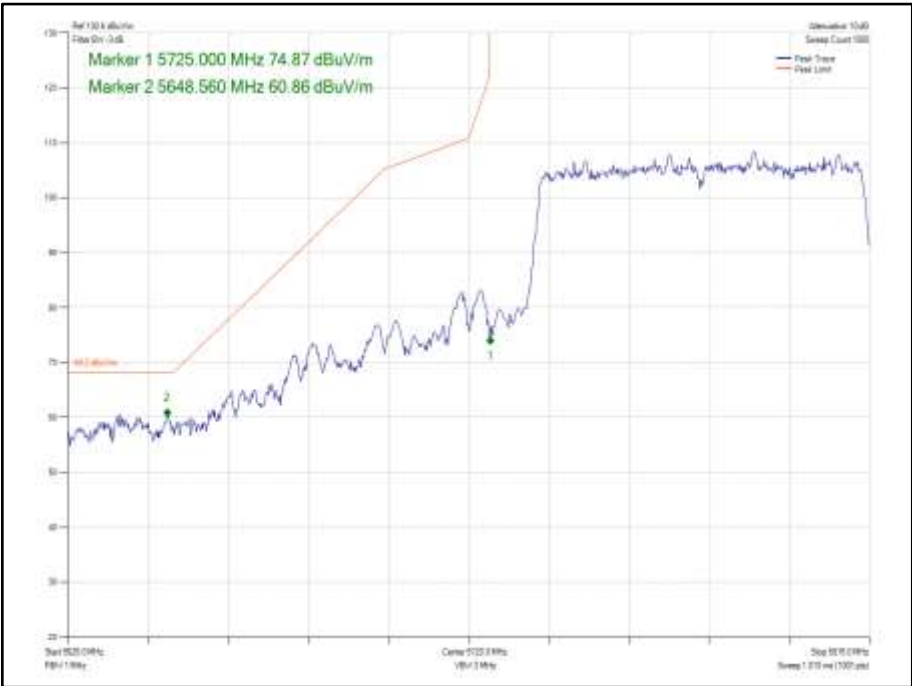
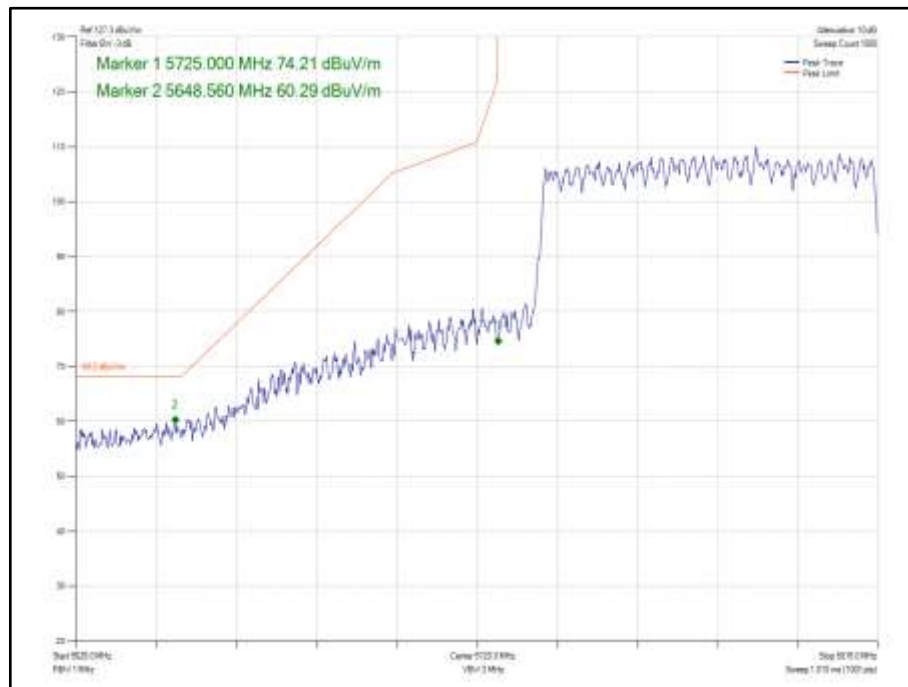
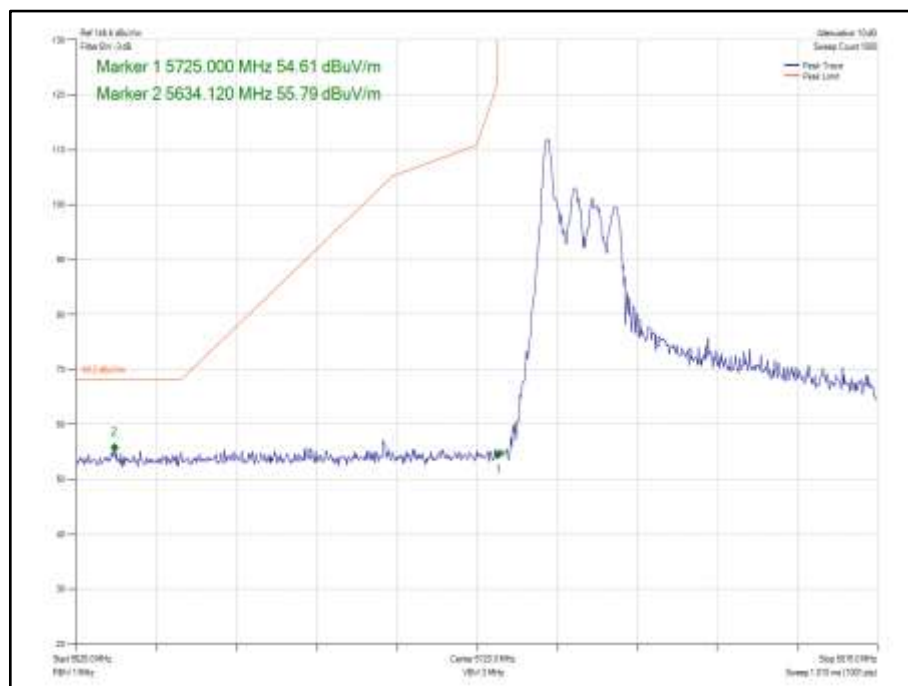


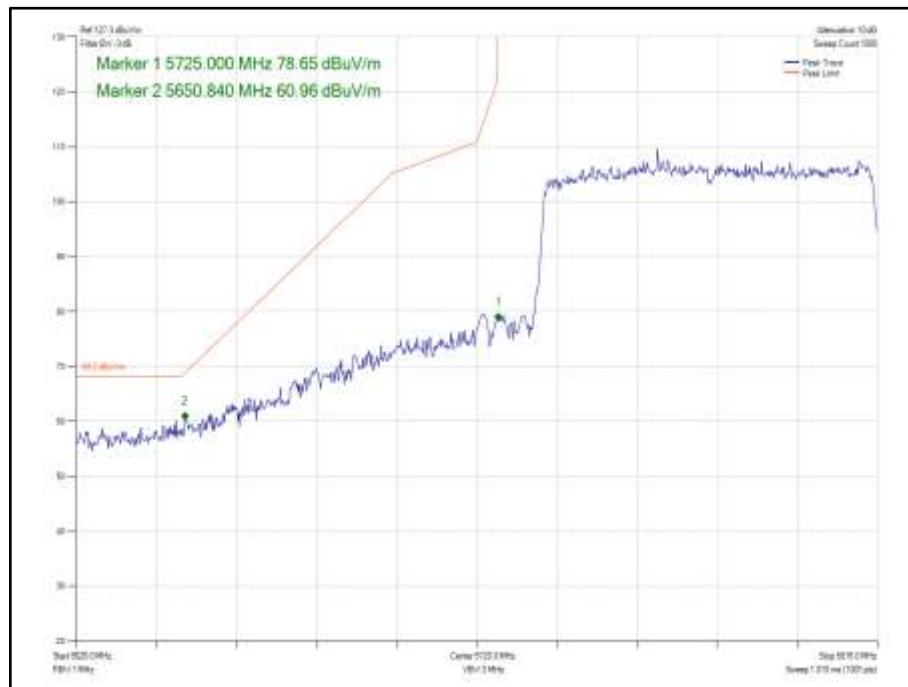
Figure 102 - 802.11ac VHT80 SDM, Cores 0-1 - 5775 MHz
Band Edge Frequency 5725 MHz



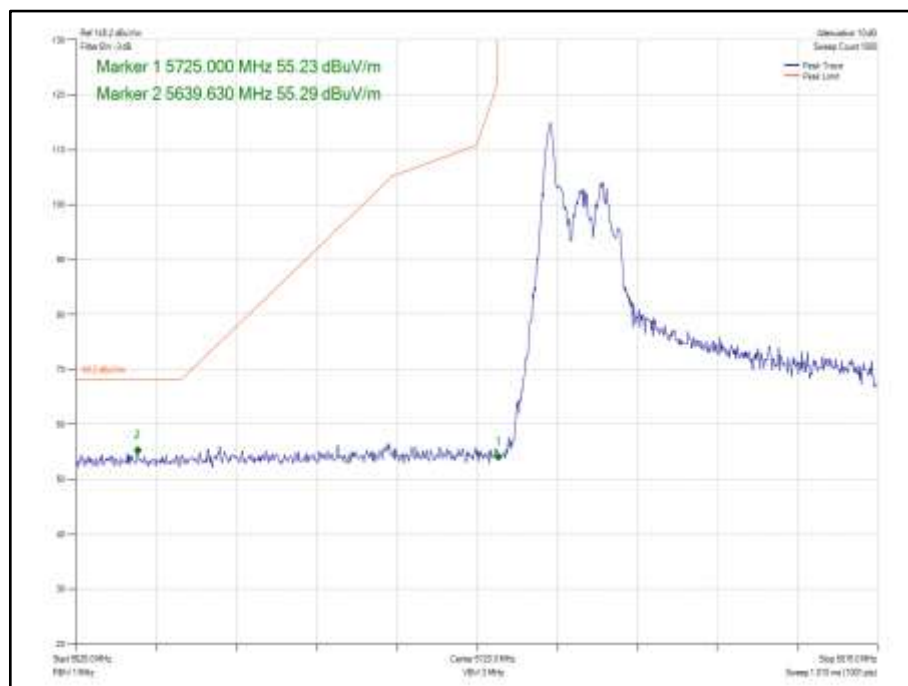
**Figure 103 - 802.11ax HE80 CDD, Cores 0-1, SU - 5775 MHz
Band Edge Frequency 5725 MHz**



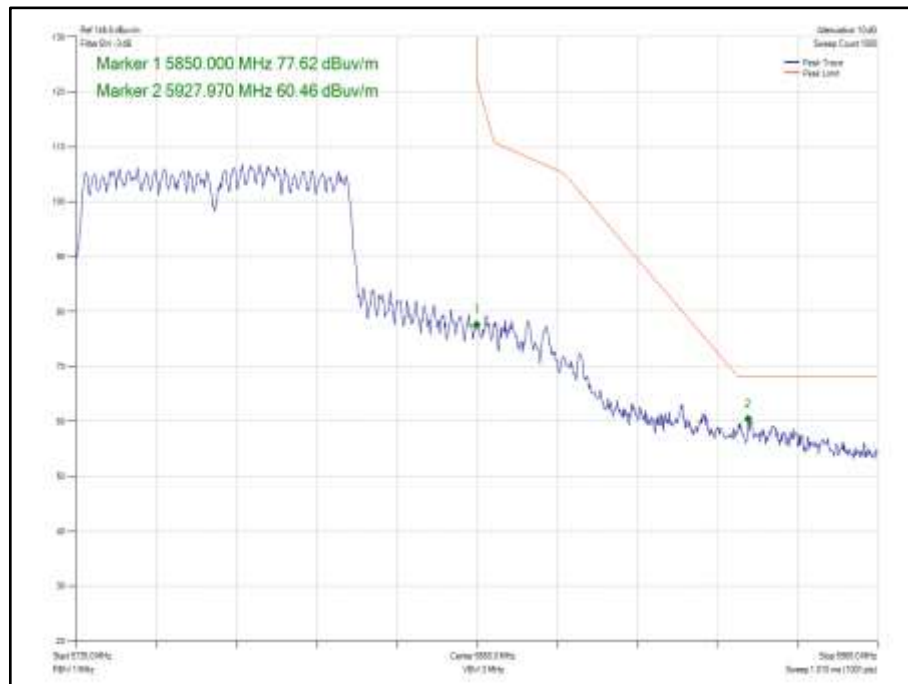
**Figure 104 - 802.11ax HE80 CDD, Cores 0-1, 26-0 - 5775 MHz
Band Edge Frequency 5725 MHz**



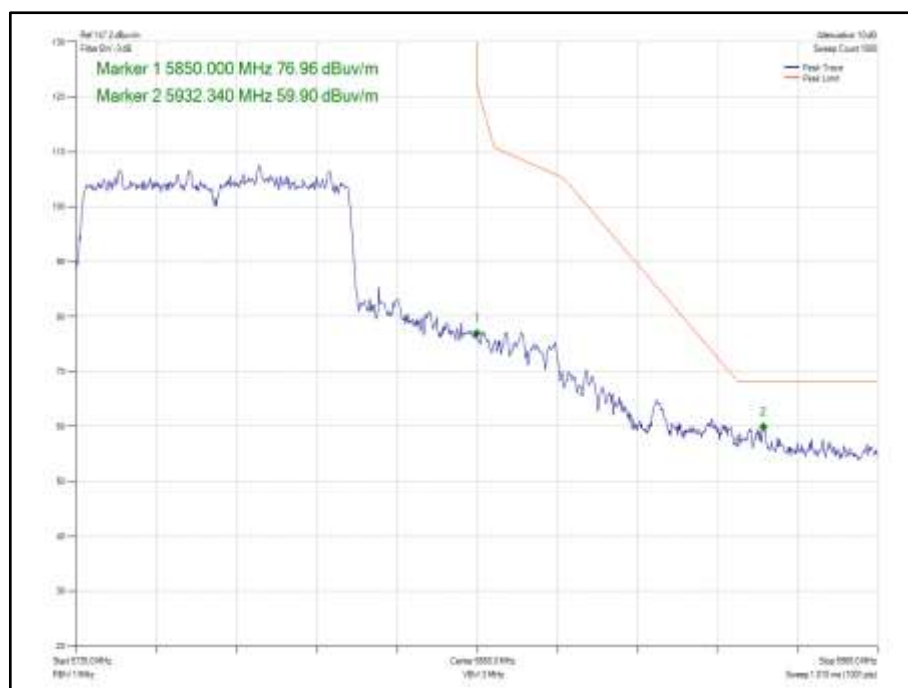
**Figure 105 - 802.11ax HE80 SDM, Cores 0-1, SU - 5775 MHz
 Band Edge Frequency 5725 MHz**



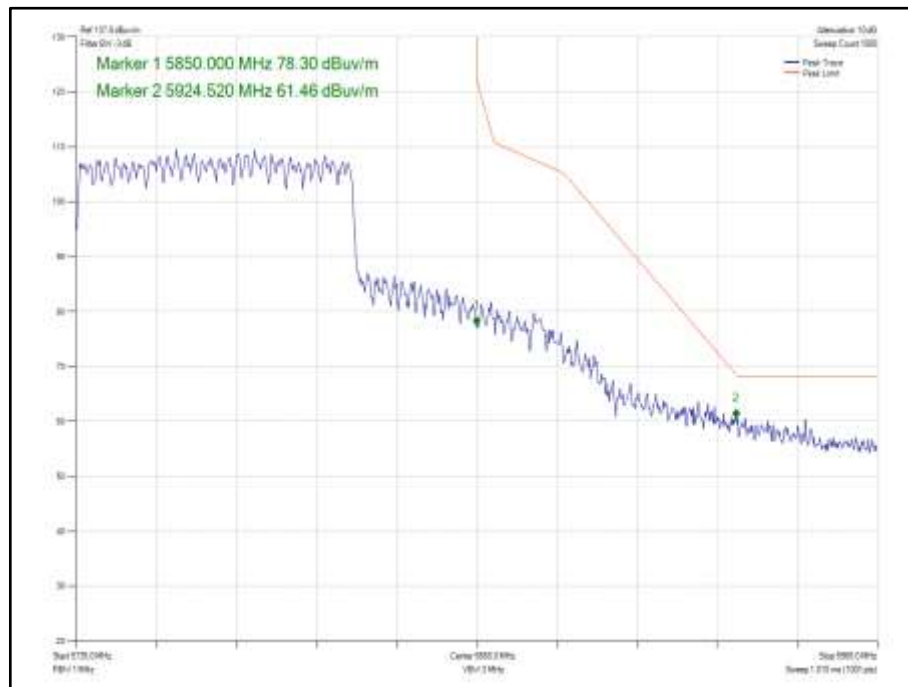
**Figure 106 - 802.11ax HE80 SDM, Cores 0-1, 26-0 - 5775 MHz
 Band Edge Frequency 5725 MHz**



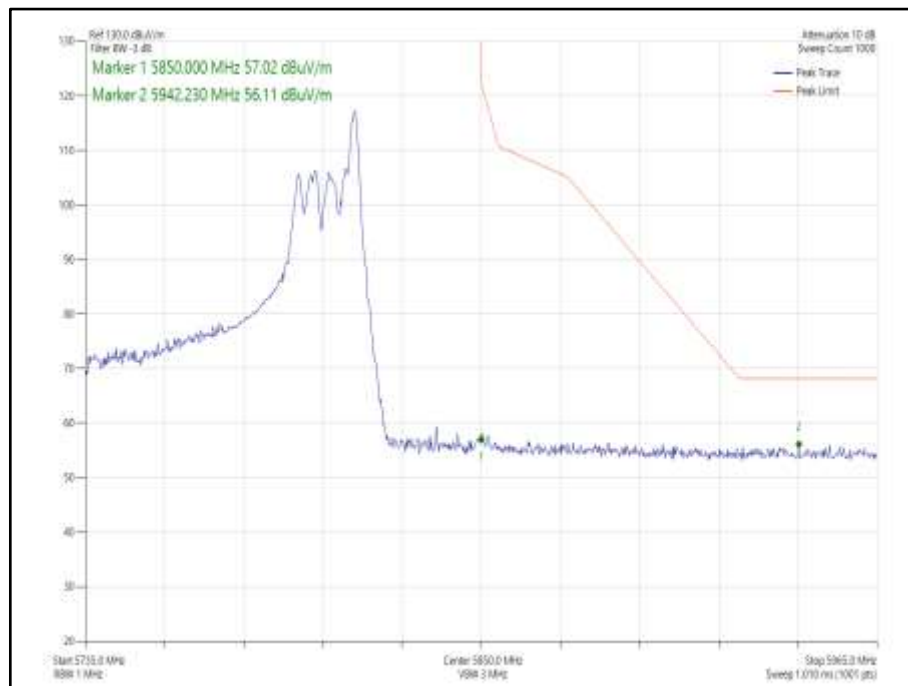
**Figure 107 - 802.11ac VHT80 CDD, Cores 0-1 - 5775 MHz
Band Edge Frequency 5850 MHz**



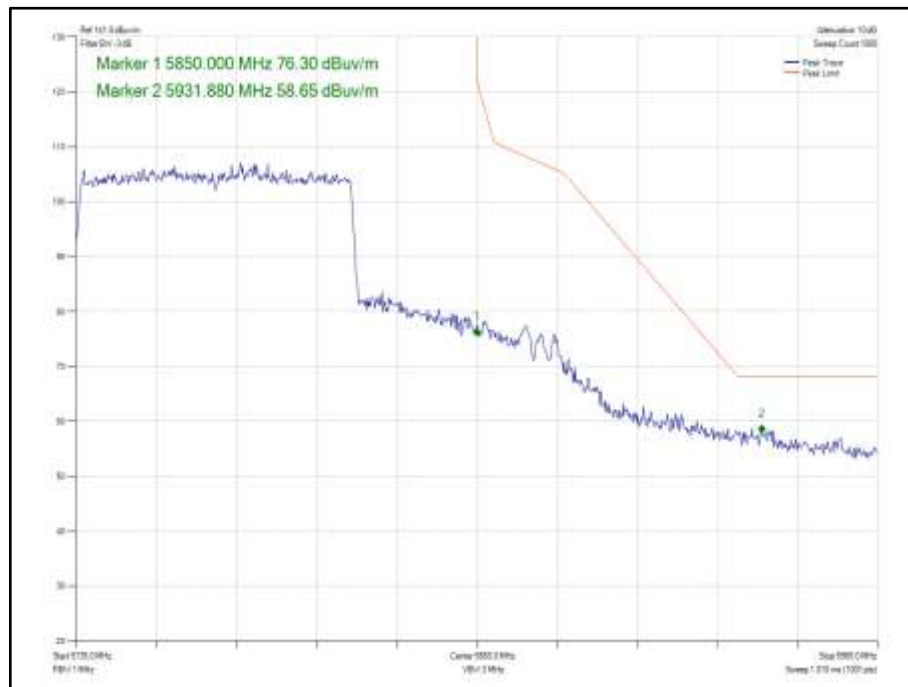
**Figure 108 - 802.11ac VHT80 SDM, Cores 0-1 - 5775 MHz
Band Edge Frequency 5850 MHz**



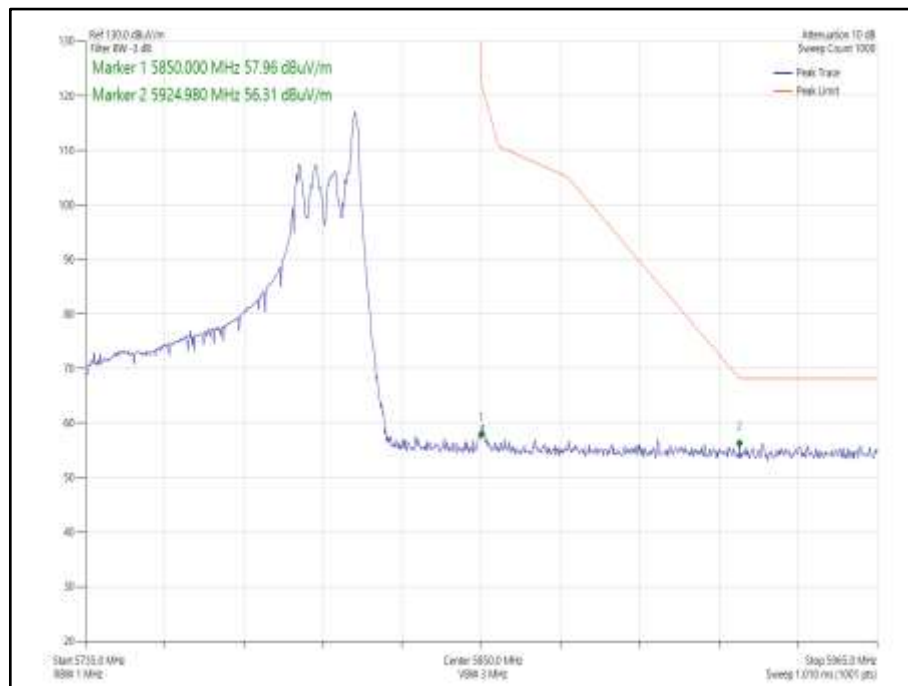
**Figure 109 - 802.11ax HE80 CDD, Cores 0-1, SU - 5775 MHz
Band Edge Frequency 5850 MHz**



**Figure 110 - 802.11ax HE80 CDD, Cores 0-1, 26-36 - 5775 MHz
Band Edge Frequency 5850 MHz**



**Figure 111 - 802.11ax HE80 SDM, Cores 0-1, SU -- 5775 MHz
Band Edge Frequency 5850 MHz**



**Figure 112 - 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.

Instrument	Manufacturer	Type No	TE No	Calibration Period (months)	Calibration Due
EMI Test Receiver	Rohde & Schwarz	ESW44	5084	12	28-Nov-2020
Cable (18 GHz)	Rosenberger	LU7-071-1000	5102	12	06-Oct-2020
Cable (18 GHz)	Rosenberger	LU7-071-1000	5103	12	06-Oct-2020
Cable (18 GHz)	Rosenberger	LU7-071-1000	5104	12	09-Dec-2020
EmX Emissions Software	TUV SUD	V1.6.3	5125	-	Software
Screened Room (11)	Rainford	Rainford	5136	36	01-Nov-2021
Mast	Maturo	TAM 4.0-P	5158	-	TU
Mast and Turntable Controller	Maturo	Maturo NCD	5159	-	TU
Turntable	Maturo	TT 15WF	5160	-	TU
Horn Antenna (1-10GHz)	Schwarzbeck	BBHA 9120 B	5215	12	10-Mar-2021
Pre Amp 1 - 26.5 GHz	Agilent Technologies	8449B	5445	12	06-May-2021
Thermo-Hygro-Barometer	PCE Instruments	PCE-THB-40	5475	12	17-Mar-2021
Attenuator 5W 10dB DC-18GHz	Aaren	AT40A-4041-D18-10	5494	12	14-Apr-2021
2m SMA Cable	Junkosha	MWX221-02000AMSAMS/A	5518	12	01-Apr-2021
8m N Type Cable	Junkosha	MWX221-08000NMSNMS/B	5522	12	24-Mar-2021

Table 440

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

A2169, S/N: C07CL0AMQ4TG - Modification State 0

2.4.3 Date of Test

18-September-2020 to 30-September-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.

The measurements displayed within this report have been limited to those modes which have been shown to be worst case.

Further measurements are held on file by TÜV SÜD and are available if required.

2.4.5 Environmental Conditions

Ambient Temperature	17.8 – 23.8 °C
Relative Humidity	44.8 – 64.1 %

2.4.6 Test Results

5 GHz WLAN

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	58.38	45.39
802.11n HT20, Core 0	MCS7	-	-	5180	5150	60.85	46.16
802.11ax HE20, Core 0	MCS7	SU	-	5180	5150	62.63	46.70
802.11ax HE20, Core 1 0	MCS7	26	0	5180	5150	55.13	44.23
802.11a, Core 0	6 Mbps	-	-	5320	5350	59.27	46.98
802.11n HT20, Core 0	MCS7	-	-	5320	5350	58.99	46.71
802.11ax HE20, Core 0	MCS7	SU	-	5320	5350	61.39	47.81
802.11ax HE20, Core 0	MCS7	52	40	5320	5350	56.48	45.13
802.11a, Core 1	6 Mbps	-	-	5500	5460	56.63	45.75
802.11n HT20, Core 1	MCS7	-	-	5500	5460	56.52	45.58
802.11ax HE20, Core 1	MCS7	SU	-	5500	5460	57.17	45.92
802.11ax HE20, Core 1	MCS7	52	37	5500	5460	56.54	45.76

Table 441 - SISO Restricted Band Edge Results

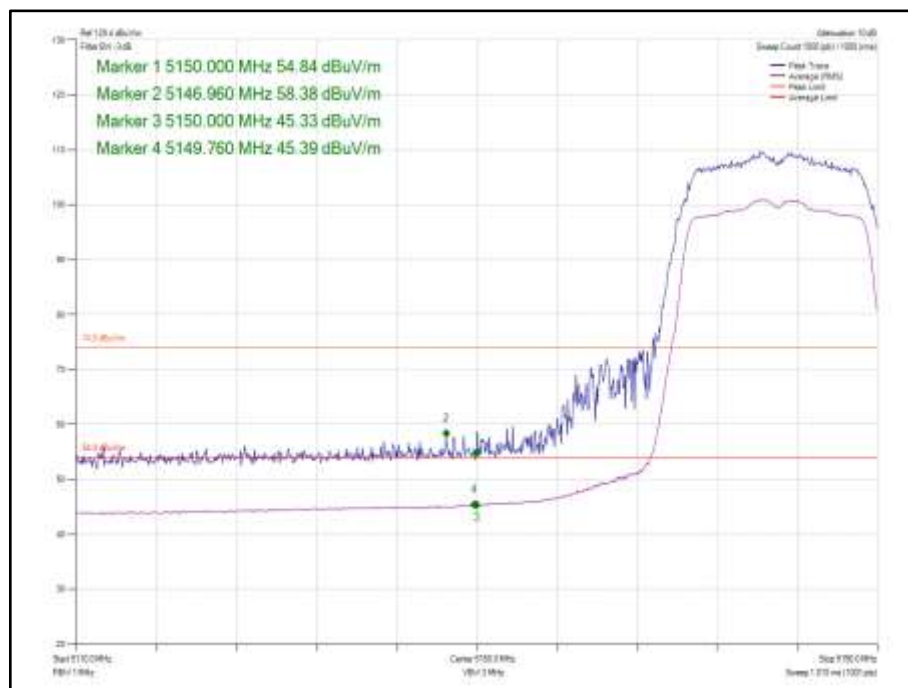


Figure 113 - 802.11a, Core 0 - 5180 MHz, Band Edge Frequency 5150 MHz

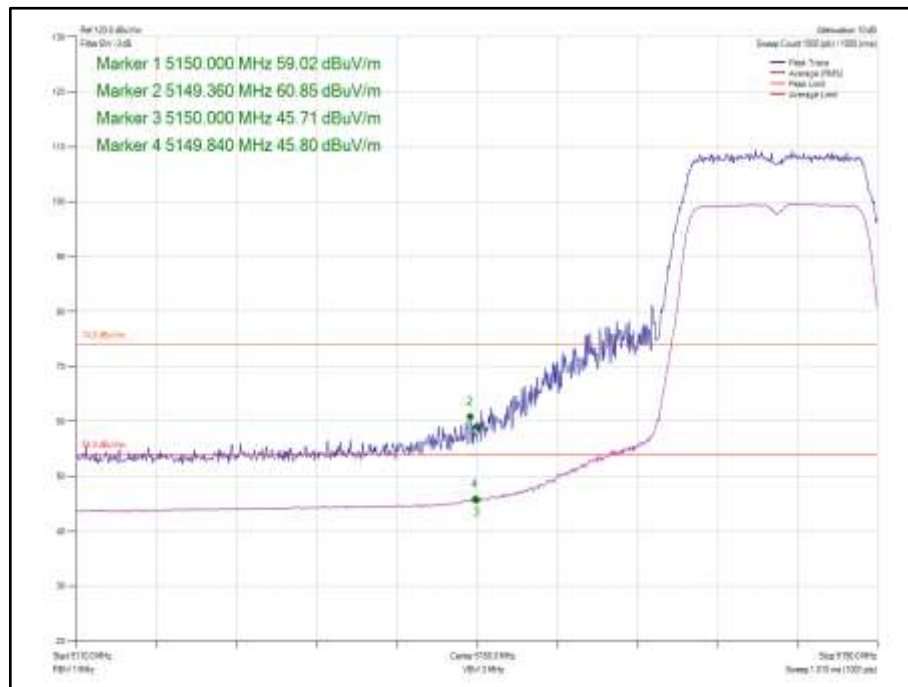


Figure 114 - 802.11n HT20, Core 0 - 5180 MHz, Band Edge Frequency 5150 MHz

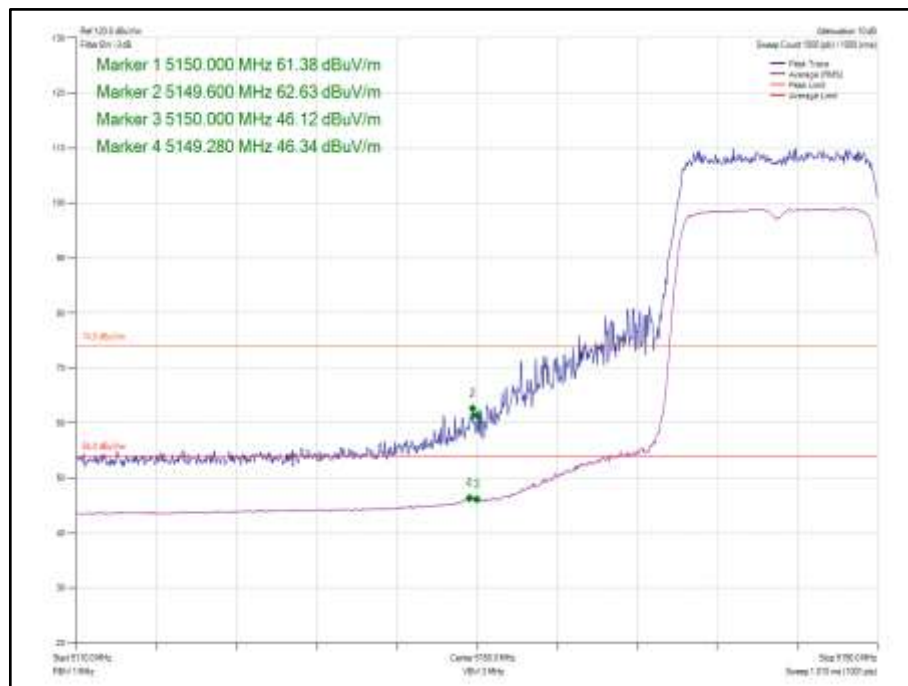


Figure 115 - 802.11ax HE20, Core 0, SU - 5180 MHz, Band Edge Frequency 5150 MHz

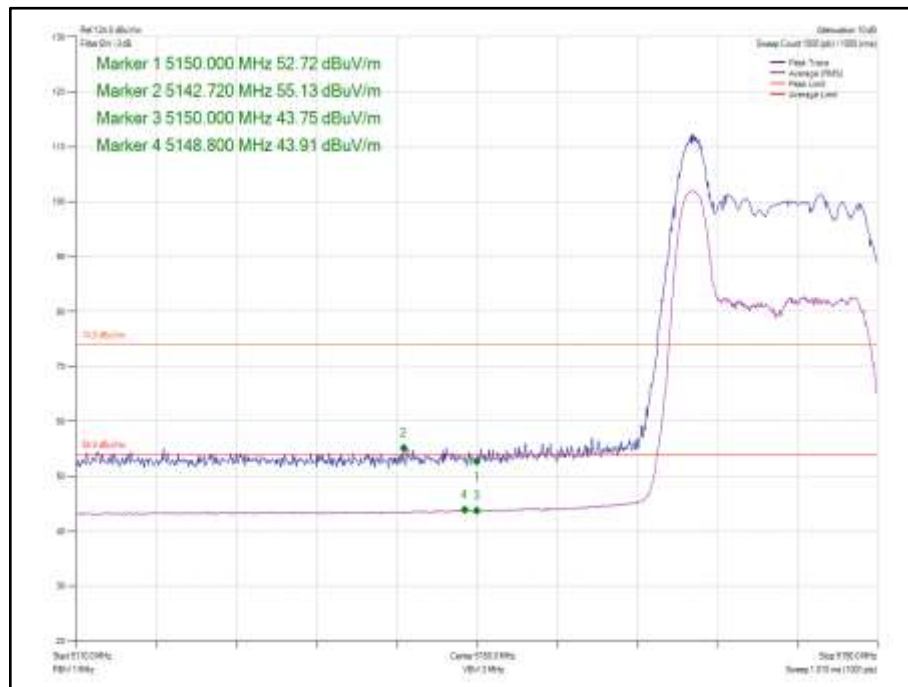


Figure 116 - 802.11ax HE20, Core 0, 26-0 - 5180 MHz, Band Edge Frequency 5150 MHz

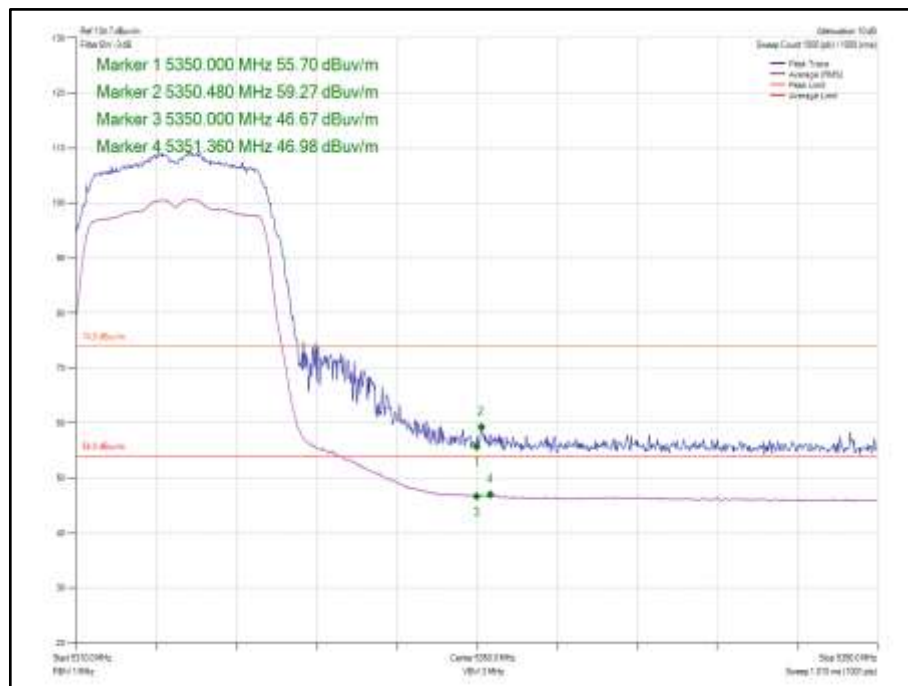


Figure 117 - 802.11a, Core 0 - 5320 MHz, Band Edge Frequency 5350 MHz

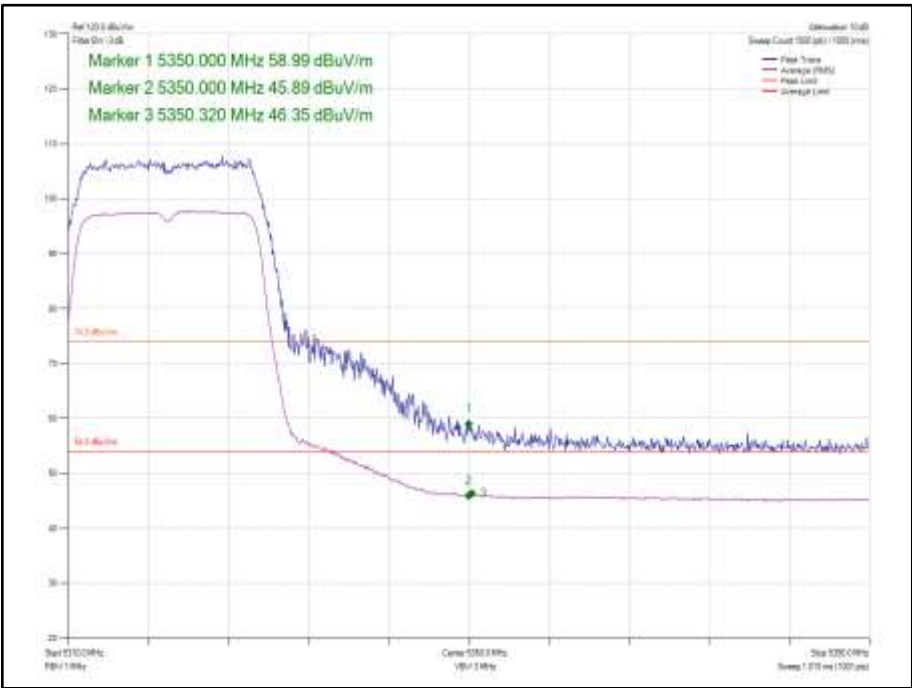


Figure 118 - 802.11n HT20, Core 0 - 5320 MHz, Band Edge Frequency 5350 MHz

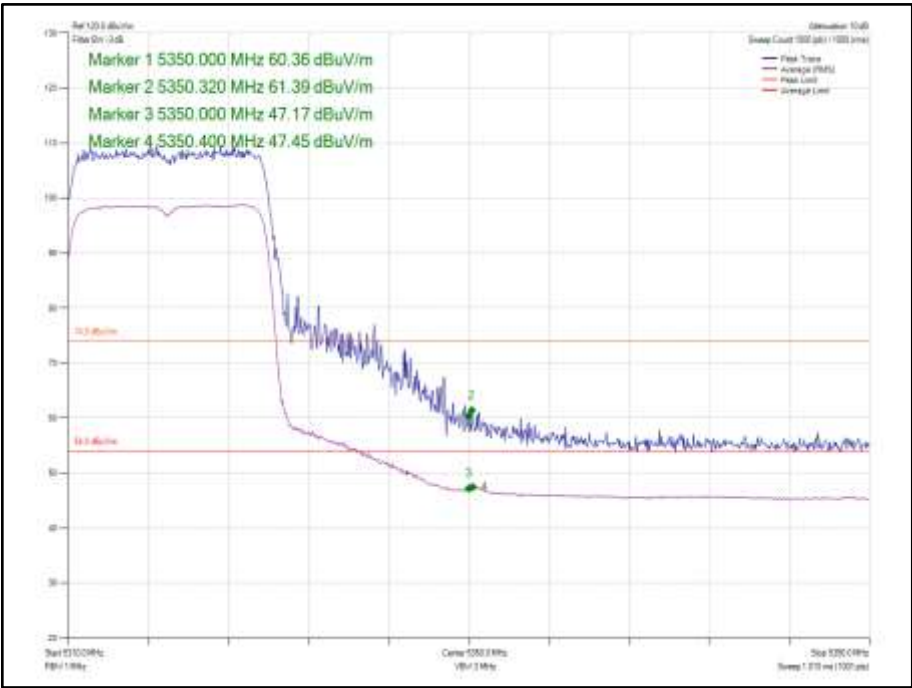


Figure 119 - 802.11ax HE20, Core 0, SU - 5320 MHz, Band Edge Frequency 5350 MHz

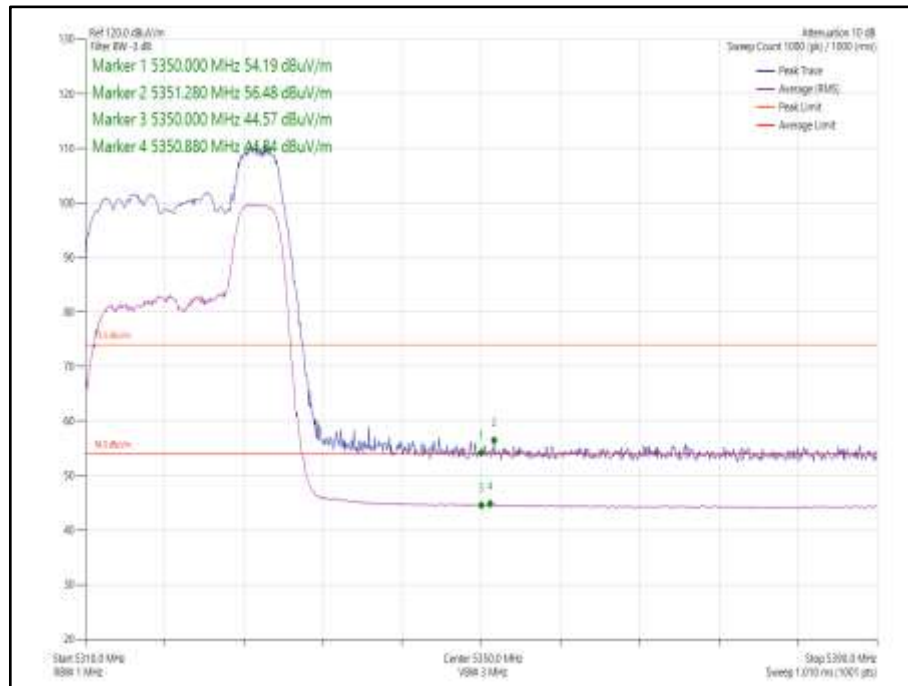


Figure 120 - 802.11ax HE20, Core 0, 52-40 - 5320 MHz, Band Edge Frequency 5350 MHz

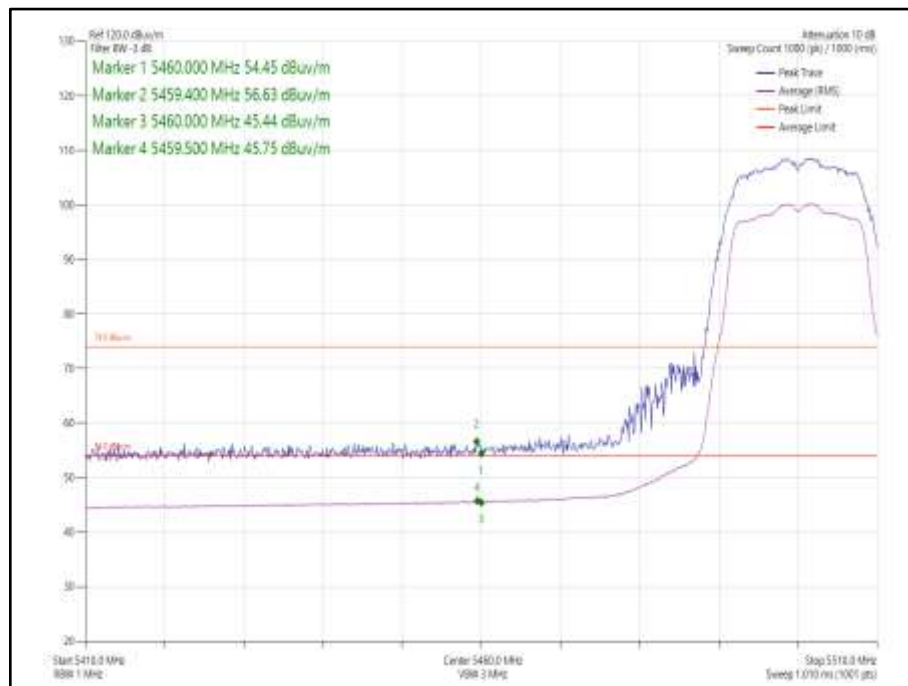


Figure 121 - 802.11a, Core 1 - 5500 MHz, Band Edge Frequency 5460 MHz

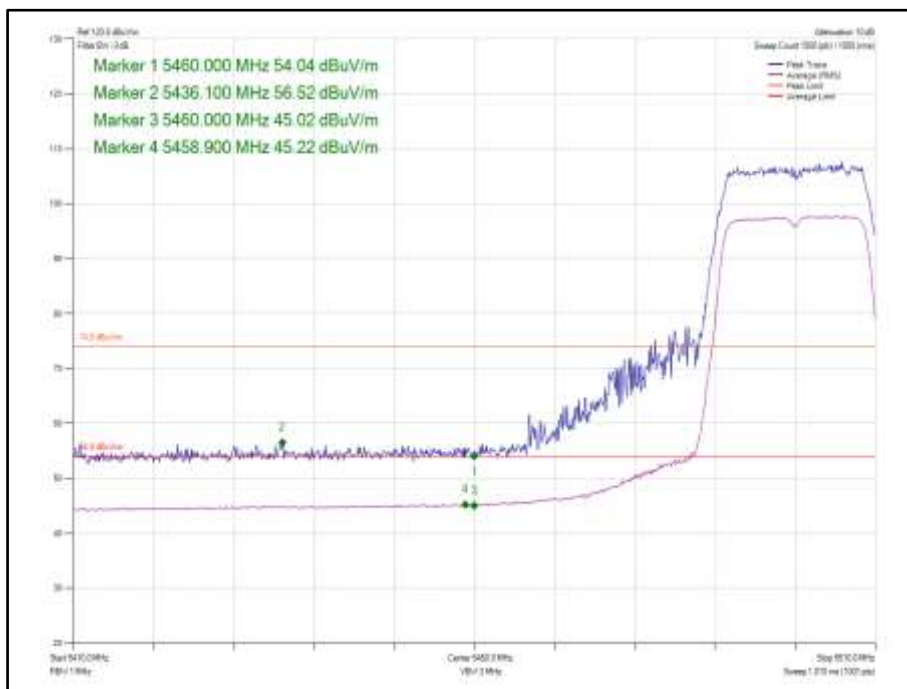


Figure 122 - 802.11n HT20, Core 1 - 5500 MHz, Band Edge Frequency 5460 MHz

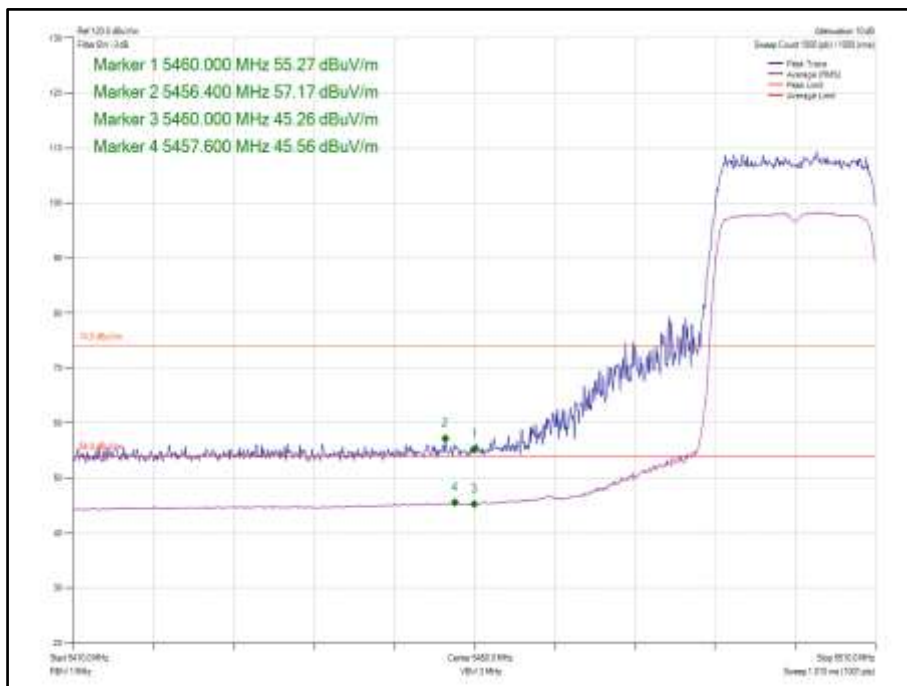


Figure 123 - 802.11ax HE20, Core 1, SU - 5500 MHz, Band Edge Frequency 5460 MHz

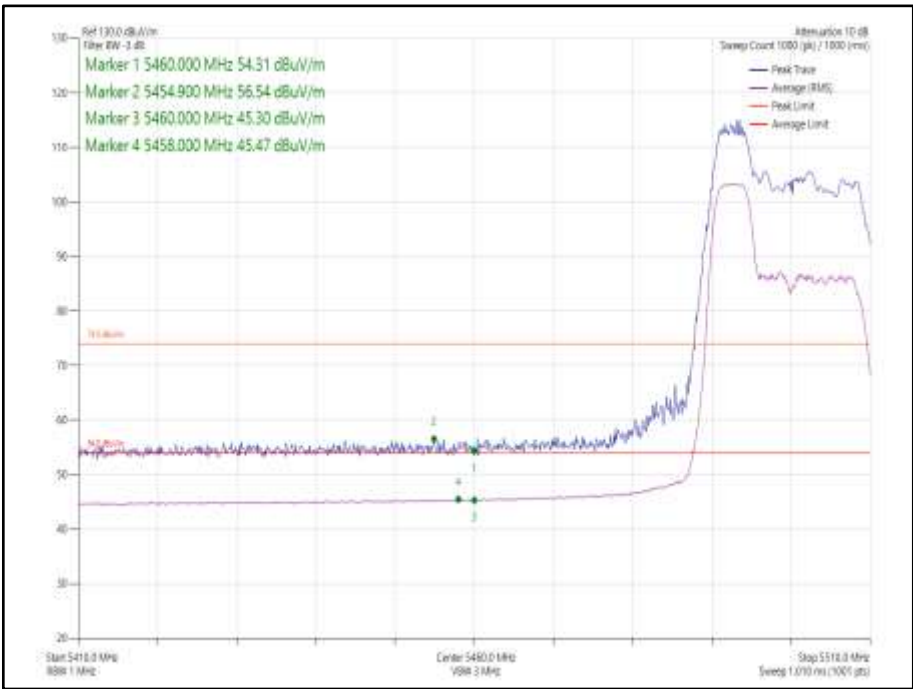
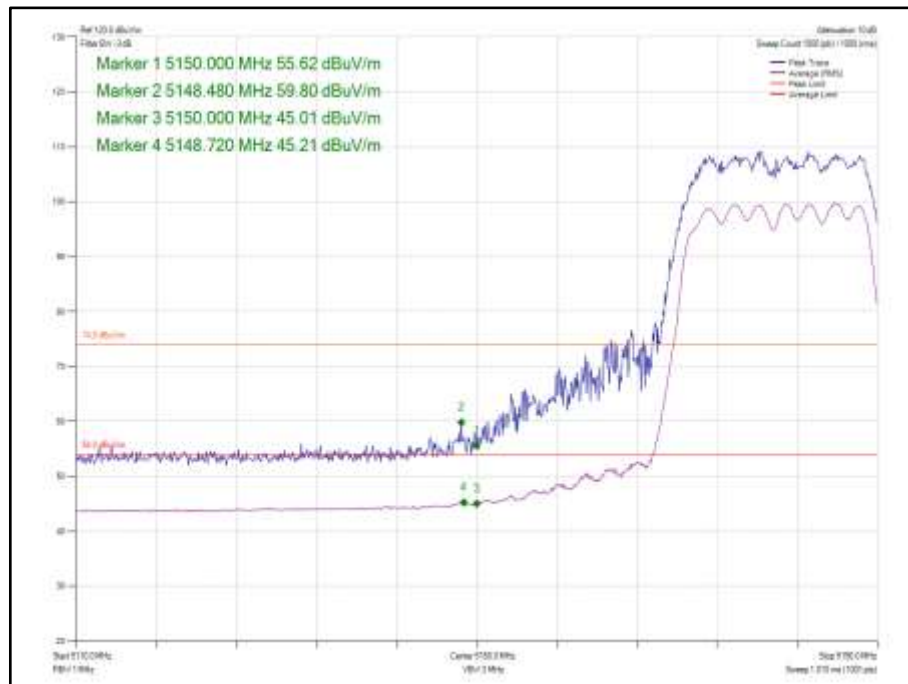


Figure 124 - 802.11ax HE20, Core 1, 52-37 - 5500 MHz, Band Edge Frequency 5460 MHz

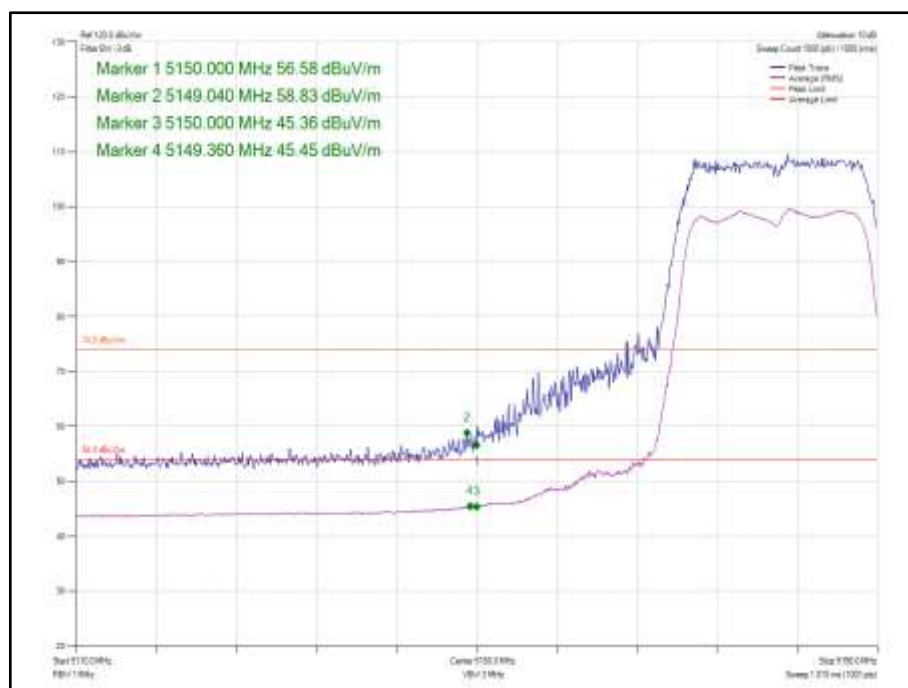


Mode	Modulation Coding Scheme	Resource size	Resource Index	Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11n HT20 CDD, Cores 0-1	MCS7	-	-	5180	5150	59.80	45.55
802.11n HT20 SDM, Cores 0-1	MCS7	-	-	5180	5150	58.83	46.00
802.11ax HE20 CDD Cores 0-1	MCS7	SU	-	5180	5150	60.56	46.18
802.11ax HE20 CDD, Cores 0-1	MCS7	26	0	5180	5150	54.52	44.01
802.11ax HE20 SDM, Cores 0-1	MCS7	SU	-	5180	5150	60.13	46.02
802.11ax HE20 SDM, Cores 0-1	MCS7	26	0	5180	5150	55.68	43.89
802.11n HT20 CDD, Cores 0-1	MCS7	-	-	5320	5350	57.76	46.75
802.11n HT20 SDM, Cores 0-1	MCS7	-	-	5320	5350	57.99	46.49
802.11ax HE20 CDD, Cores 0-1	MCS7	SU	-	5320	5350	58.23	47.19
802.11ax HE20 CDD, Cores 0-1	MCS7	52	40	5320	5350	56.10	45.04
802.11ax HE20 SDM, Cores 0-1	MCS7	SU	-	5320	5350	57.65	47.32
802.11ax HE20 SDM, Cores 0-1	MCS7	52	40	5320	5350	56.27	45.03
802.11n HT20 CDD, Cores 0-1	MCS7	-	-	5500	5460	57.31	45.88
802.11n HT20 SDM, Cores 0-1	MCS7	-	-	5500	5460	57.07	45.99
802.11ax HE20 CDD, Cores 0-1	MCS7	SU	-	5500	5460	56.65	45.71
802.11ax HE20 CDD, Cores 0-1	MCS7	52	37	5500	5460	56.66	45.50
802.11ax HE20 SDM, Cores 0-1	MCS7	SU	-	5500	5460	56.89	46.10
802.11ax HE20 SDM, Cores 0-1	MCS7	52	37	5500	5460	56.01	45.30

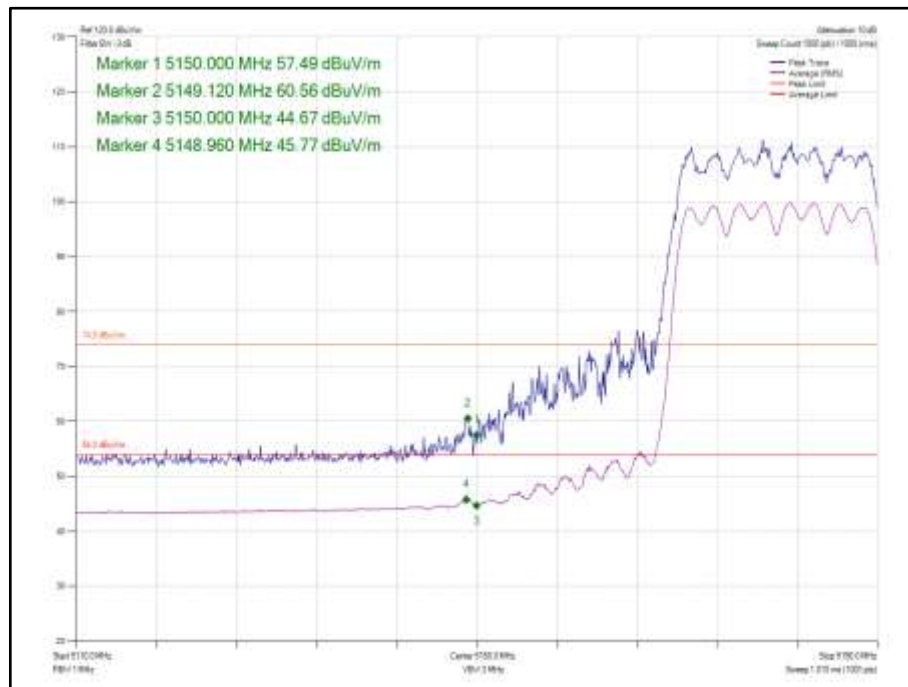
Table 442 - MIMO Restricted Band Edge Results



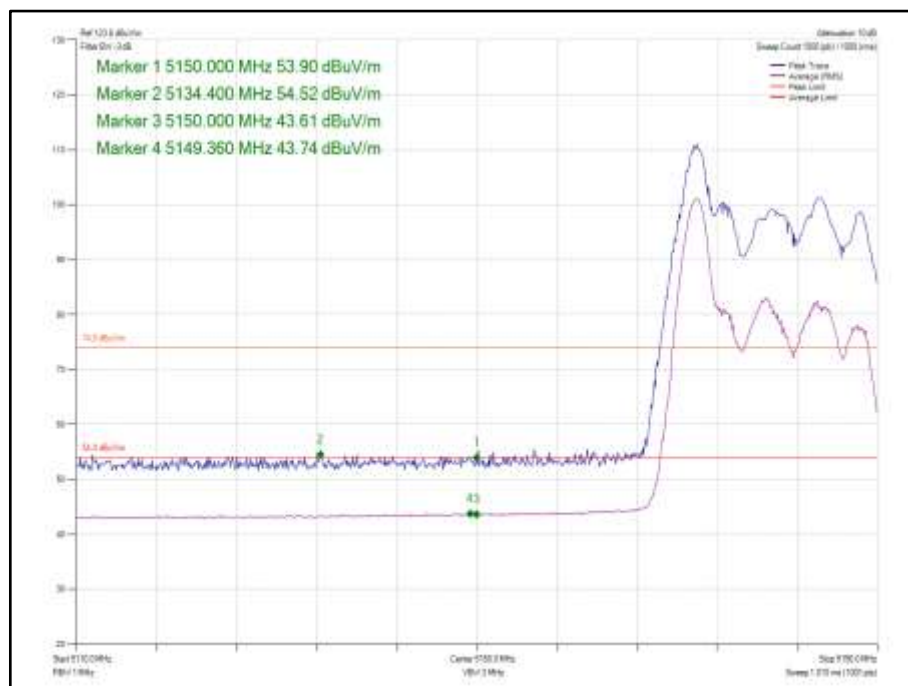
**Figure 125 - 802.11n HT20 CDD, Cores 0-1 - 5180 MHz
Band Edge Frequency 5150 MHz**



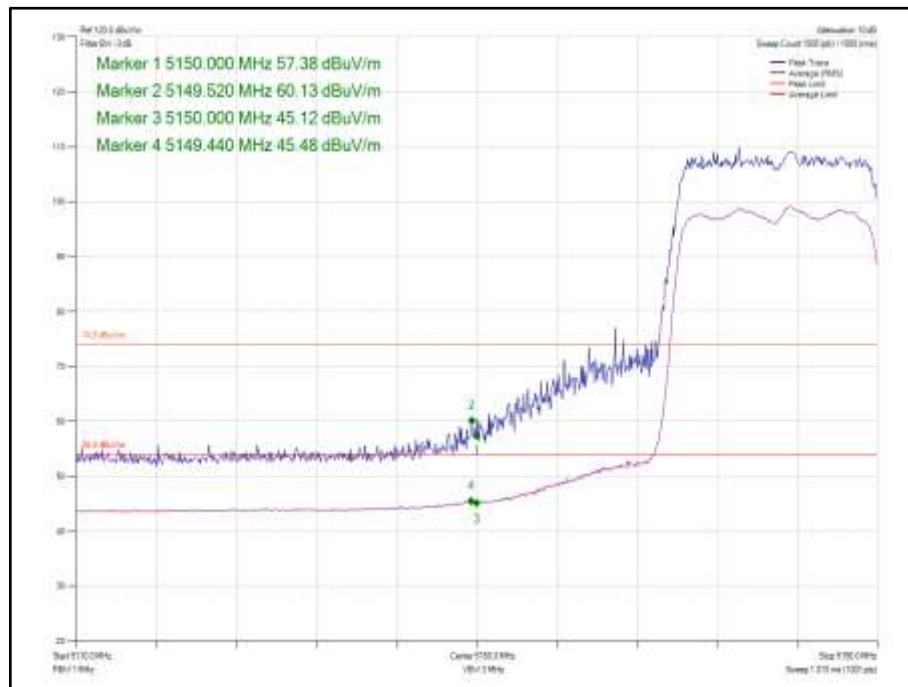
**Figure 126 - 802.11n HT20 SDM, Cores 0-1 - 5180 MHz
Band Edge Frequency 5150 MHz**



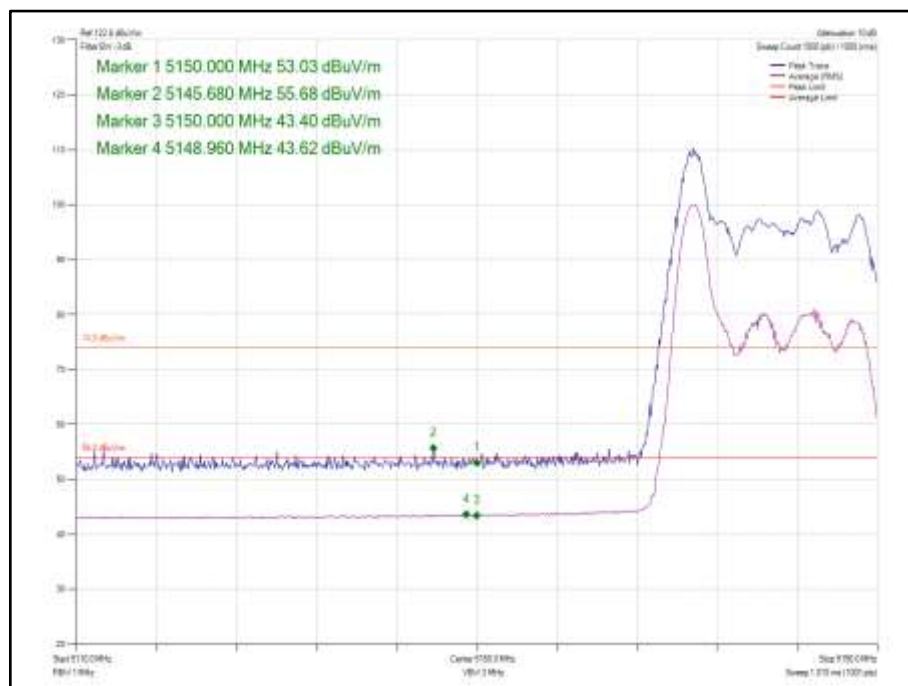
**Figure 127 - 802.11ax HE20 CDD, Cores 0-1 SU - 5180 MHz
 Band Edge Frequency 5150 MHz**



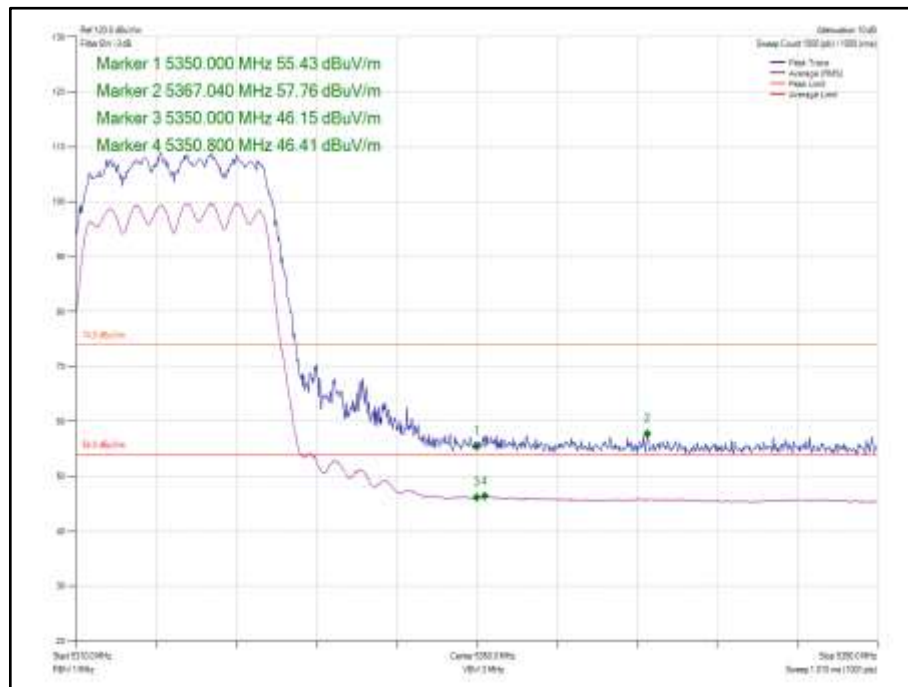
**Figure 128 - 802.11ax HE20 CDD, Cores 0-1, 26-0 - 5180 MHz
 Band Edge Frequency 5150 MHz**



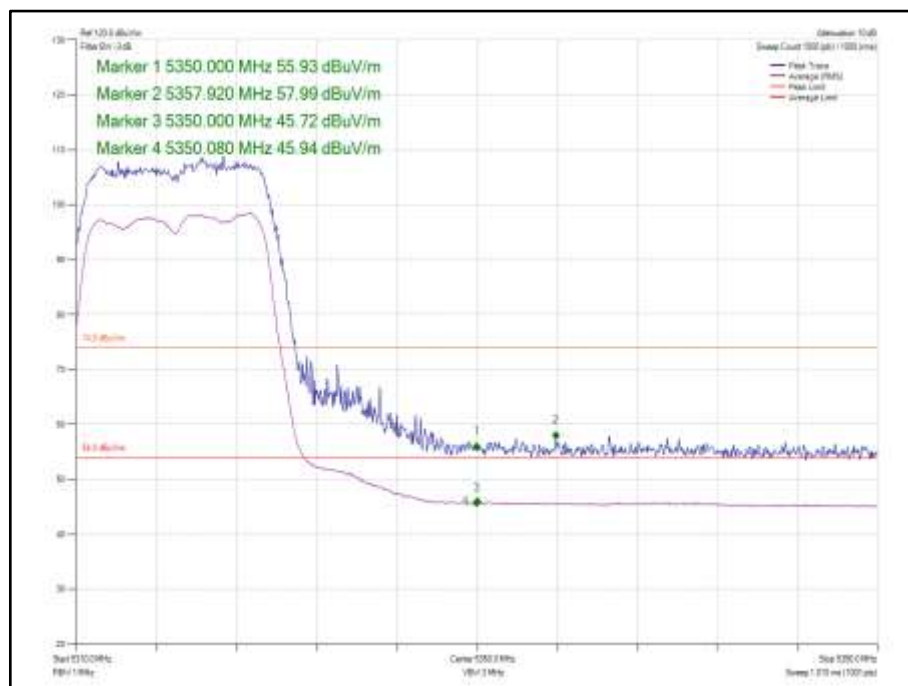
**Figure 129 - 802.11ax HE20 SDM, Cores 0-1, SU - 5180 MHz
Band Edge Frequency 5150 MHz**



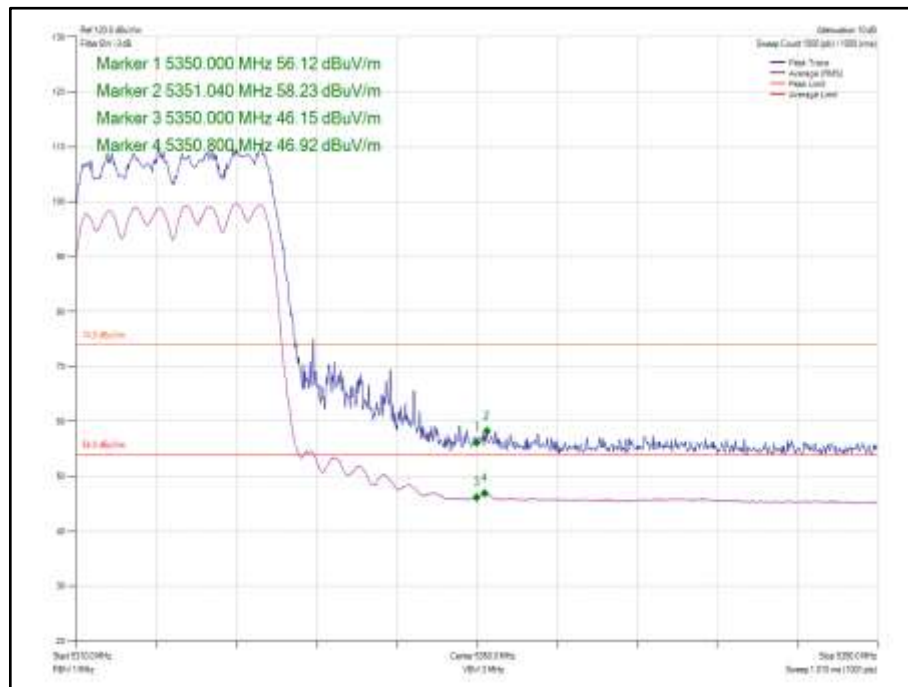
**Figure 130 - 802.11ax HE20 SDM, Cores 0-1, 26-0 - 5180 MHz
Band Edge Frequency 5150 MHz**



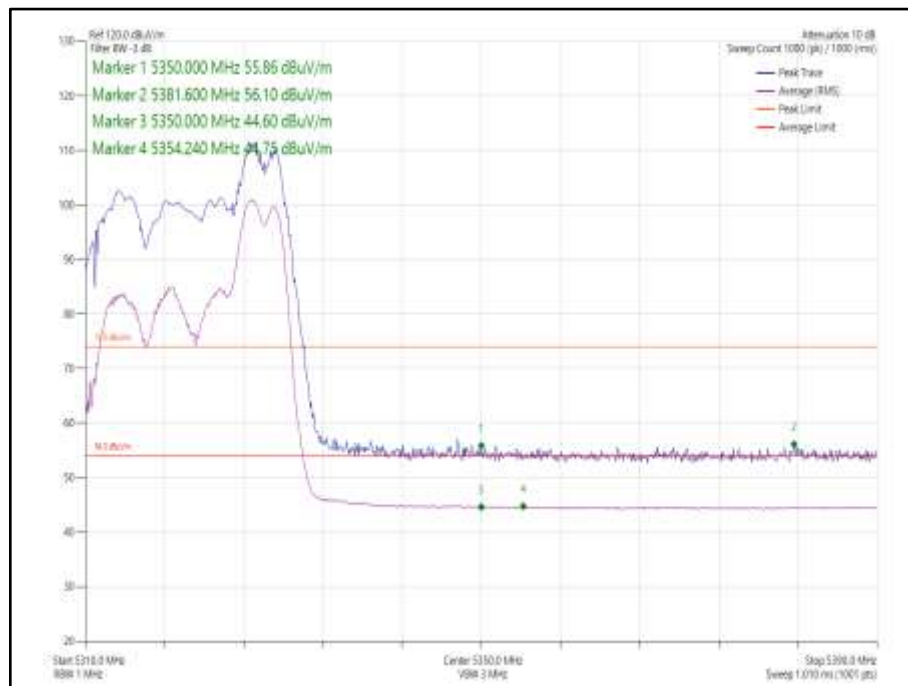
**Figure 131 - 802.11n HT20 CDD, Cores 0-1 - 5320 MHz
Band Edge Frequency 5350 MHz**



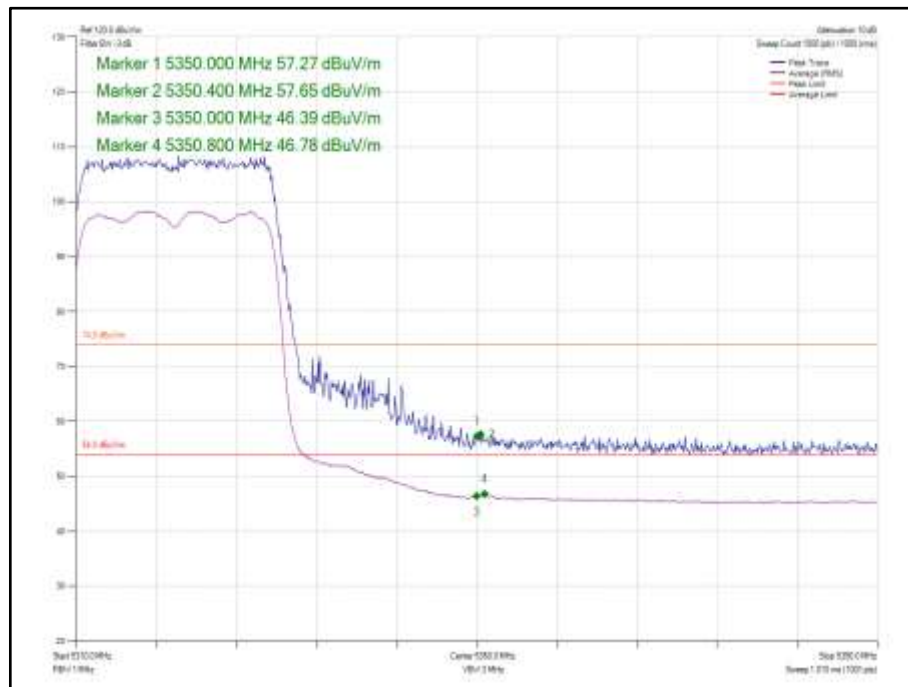
**Figure 132 - 802.11n HT20 SDM, Cores 0-1 - 5320 MHz
Band Edge Frequency 5350 MHz**



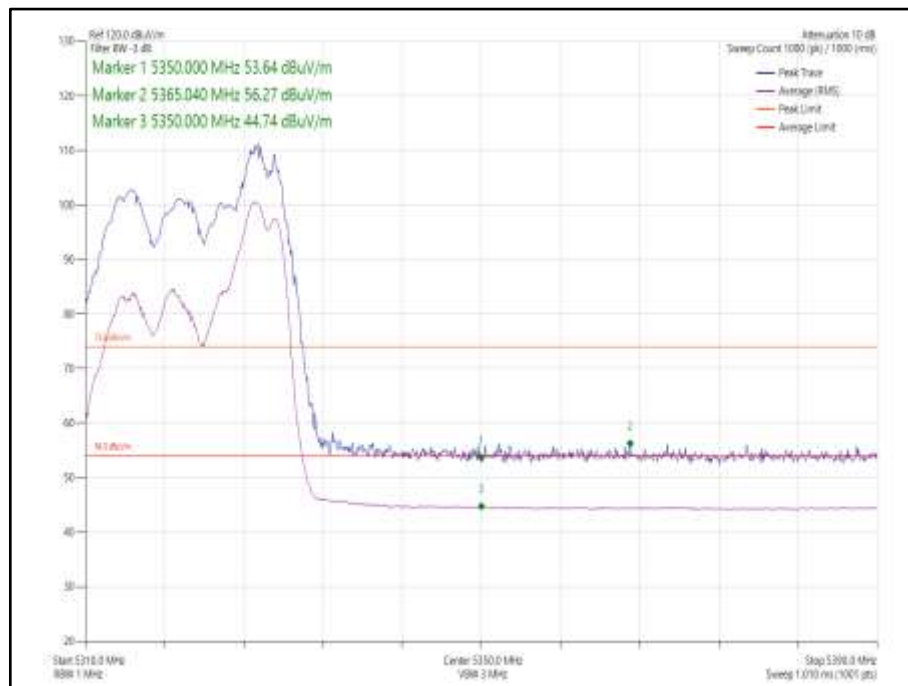
**Figure 133 - 802.11ax HE20 CDD, Cores 0-1, SU - 5320 MHz
Band Edge Frequency 5350 MHz**



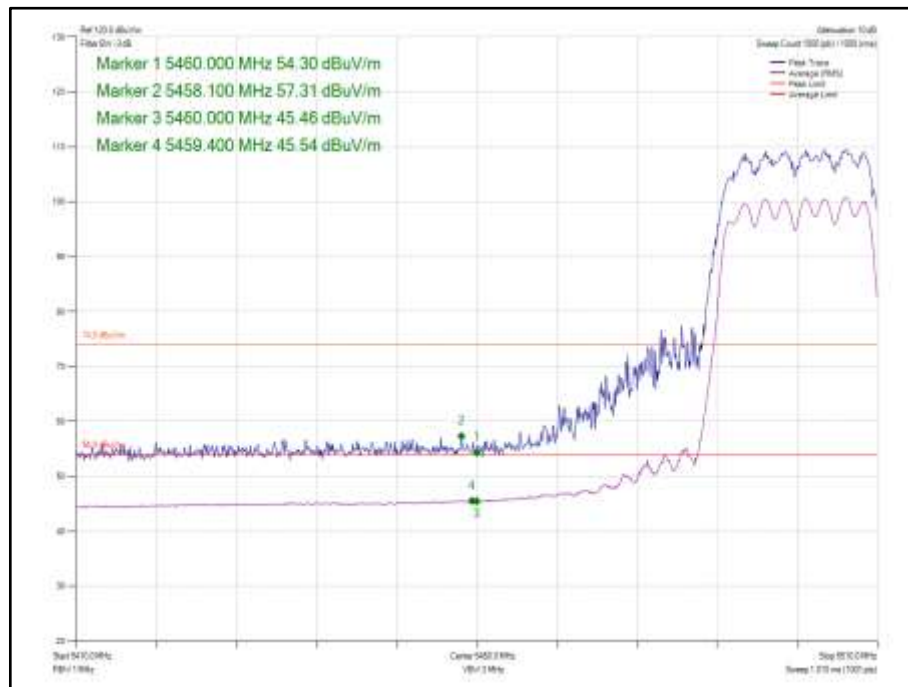
**Figure 134 - 802.11ax HE20 CDD, Cores 0-1, 52-40 - 5320 MHz
Band Edge Frequency 5350 MHz**



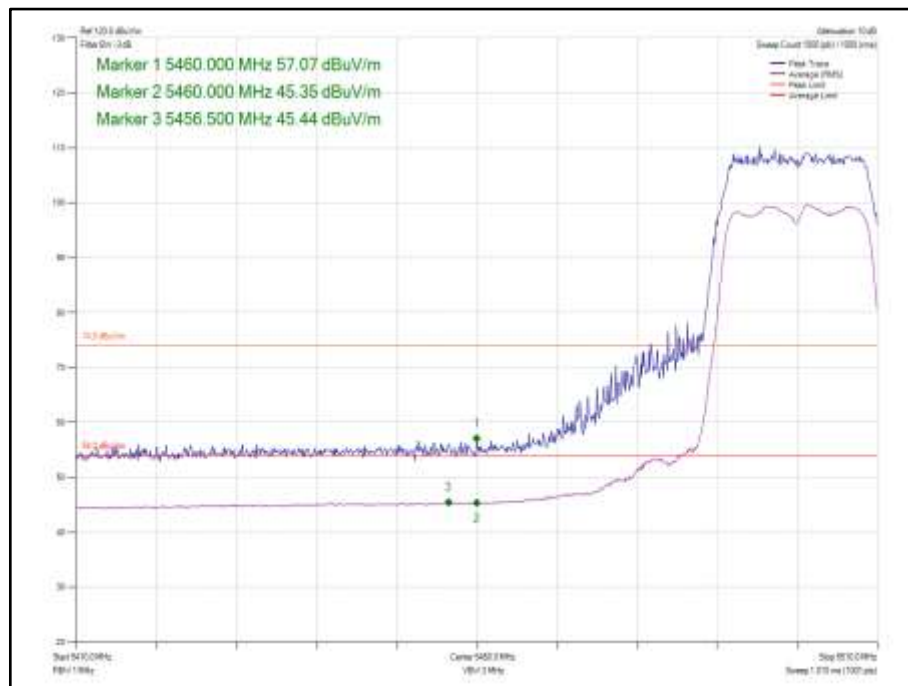
**Figure 135 - 802.11ax HE20 SDM, Cores 0-1, SU - 5320 MHz
Band Edge Frequency 5350 MHz**



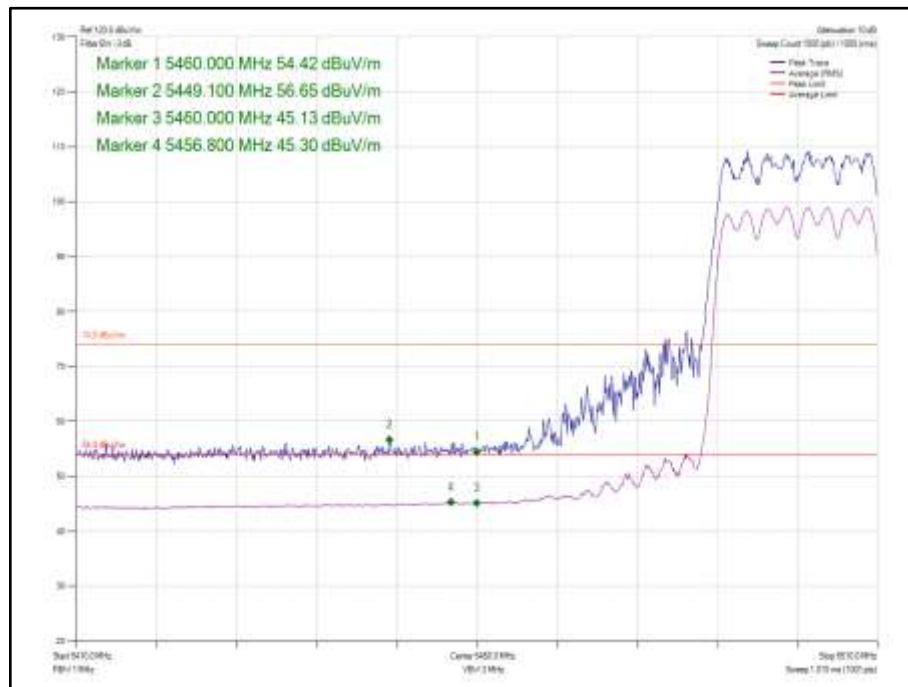
**Figure 136 - 802.11ax HE20 SDM, Cores 0-1, 52-40 - 5320 MHz
Band Edge Frequency 5350 MHz**



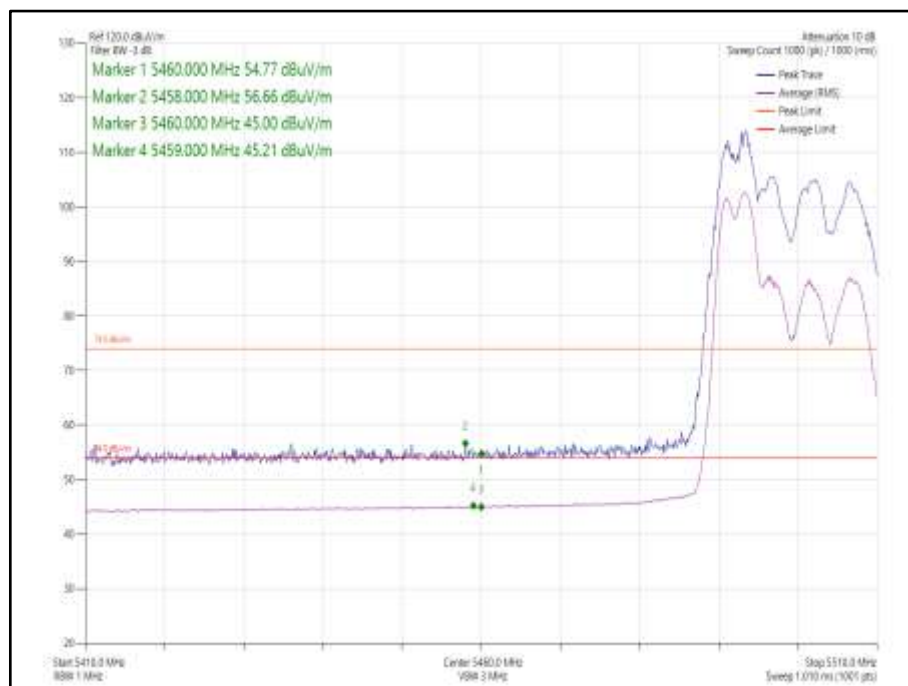
**Figure 137 - 802.11n HT20 CDD, Cores 0-1 - 5500 MHz
Band Edge Frequency 5460 MHz**



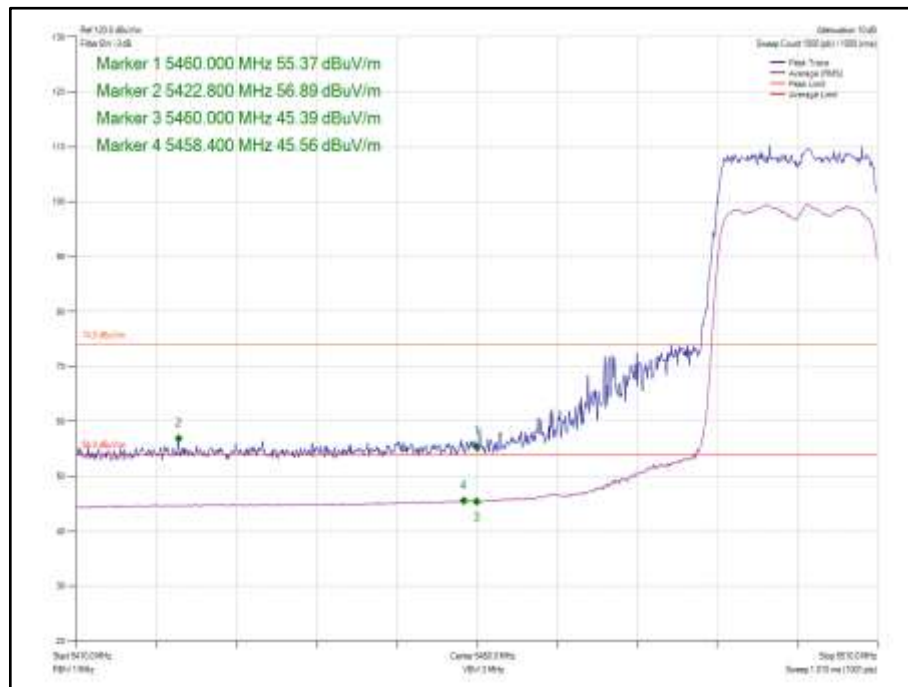
**Figure 138 - 802.11n HT20 SDM, Cores 0-1 - 5500 MHz
Band Edge Frequency 5460 MHz**



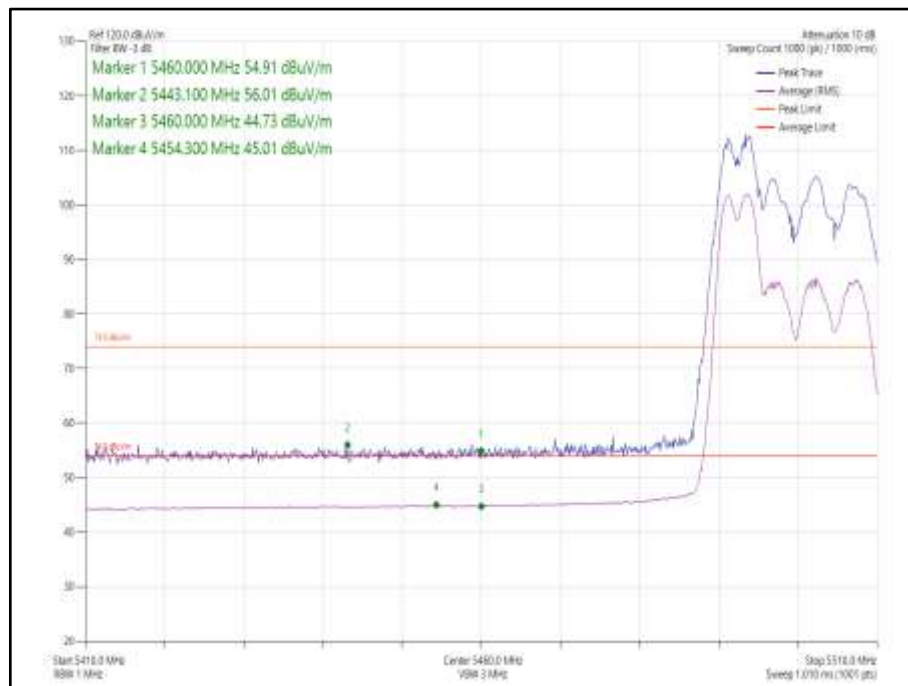
**Figure 139 - 802.11ax HE20 CDD, Cores 0-1, SU- 5500 MHz
Band Edge Frequency 5460 MHz**



**Figure 140 - 802.11ax HE20 CDD, Cores 0-1, 52-37 - 5500 MHz
Band Edge Frequency 5460 MHz**



**Figure 141 - 802.11ax HE20 SDM, Cores 0-1, SU- 5500 MHz
Band Edge Frequency 5460 MHz**

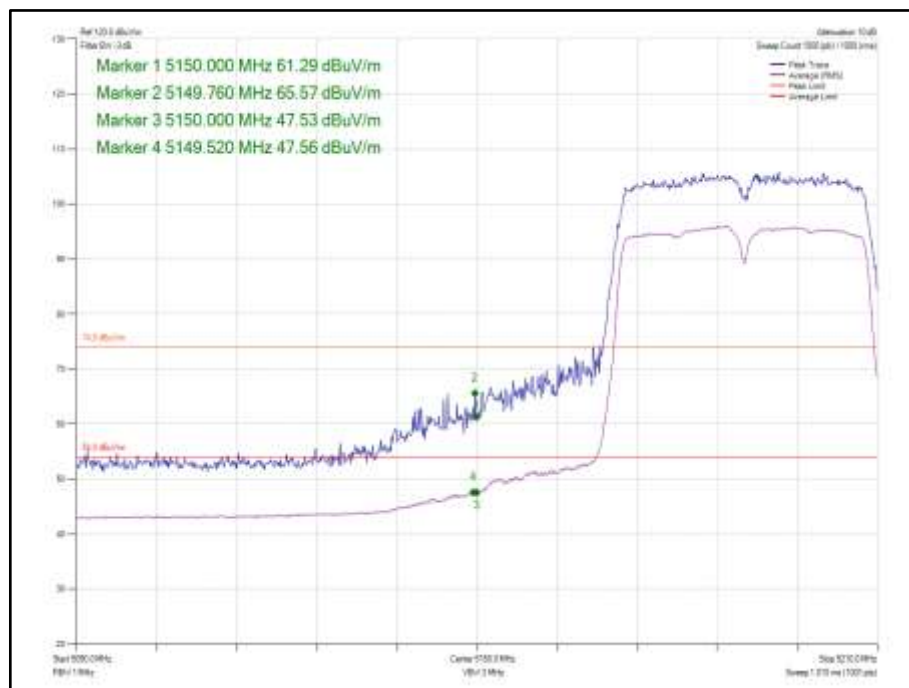


**Figure 142 - 802.11ax HE20 SDM, Cores 0-1, 52-37 - 5500 MHz
Band Edge Frequency 5460 MHz**



Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11n HT40, Core 0	MCS7	-	-	5190	5150	65.57	48.15
802.11ax HE40, Core 0	MCS7	SU	-	5190	5150	65.72	48.74
802.11ax HE40, Core 0	MCS7	26	0	5190	5150	54.78	43.67
802.11n HT40, Core 0	MCS7	-	-	5310	5350	63.07	47.74
802.11ax HE40, Core 0	MCS7	SU	-	5310	5350	64.38	48.76
802.11ax HE40, Core 0	MCS7	52	44	5310	5350	59.42	45.68
802.11n HT40, Core 1	MCS7	-	-	5510	5460	55.39	44.60
802.11ax HE40, Core 1	MCS7	SU	-	5510	5460	57.31	44.58
802.11ax HE40, Core 1	MCS7	52	37	5510	5460	57.37	45.43

Table 443 - SISO Restricted Band Edge Results



**Figure 143 - 802.11n HT40, Core 0 - 5190 MHz
Band Edge Frequency 5150 MHz**

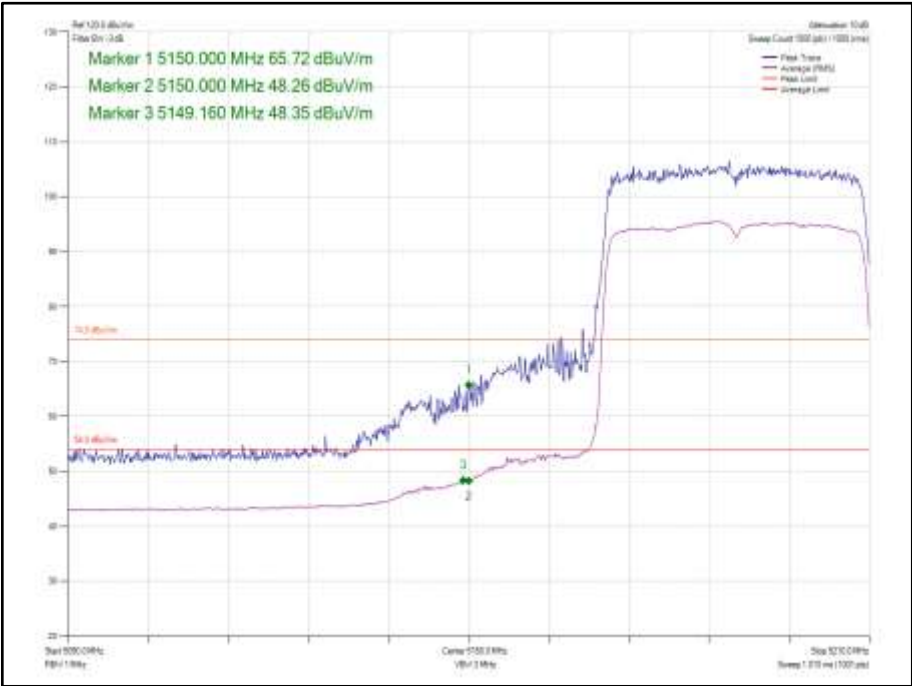


Figure 144 - 802.11ax HE40, Core 0, SU - 5190 MHz
Band Edge Frequency 5150 MHz

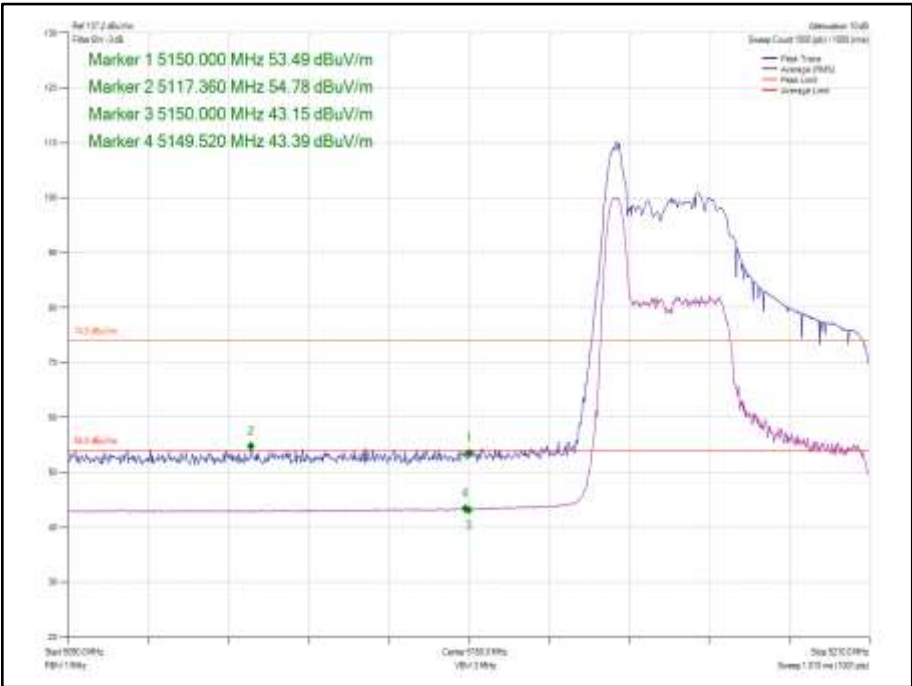


Figure 145 - 802.11ax HE40, Core 0, 26-0 - 5190 MHz
Band Edge Frequency 5150 MHz

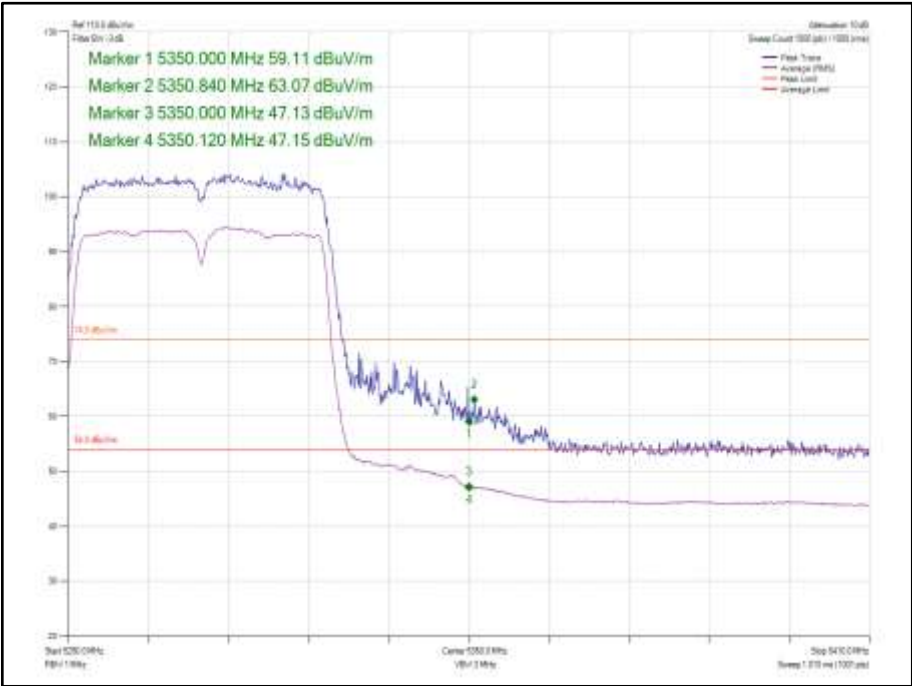


Figure 146 - 802.11n HT40, Core 0 - 5310 MHz
Band Edge Frequency 5350 MHz

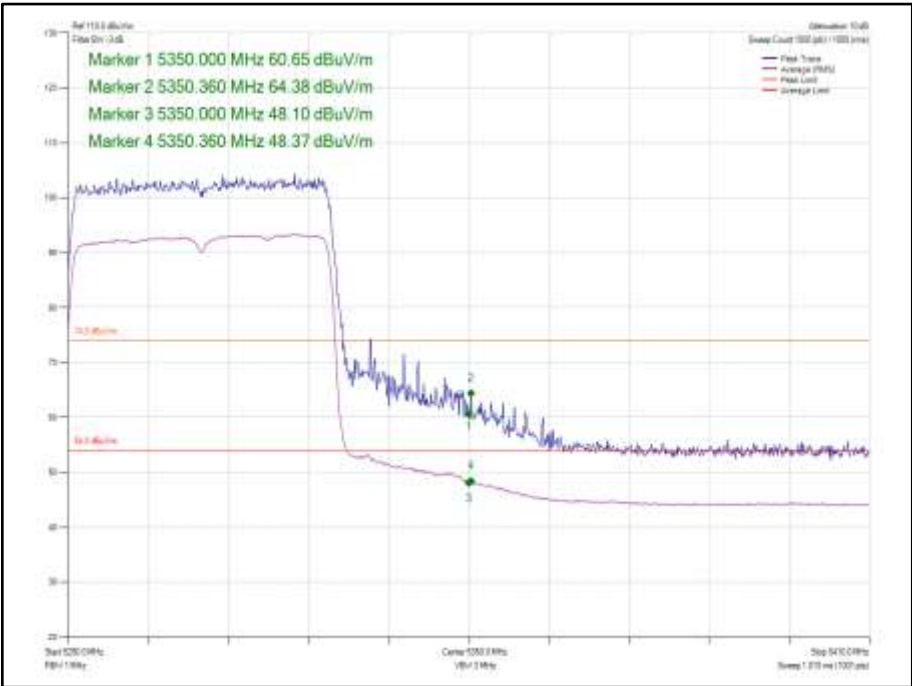
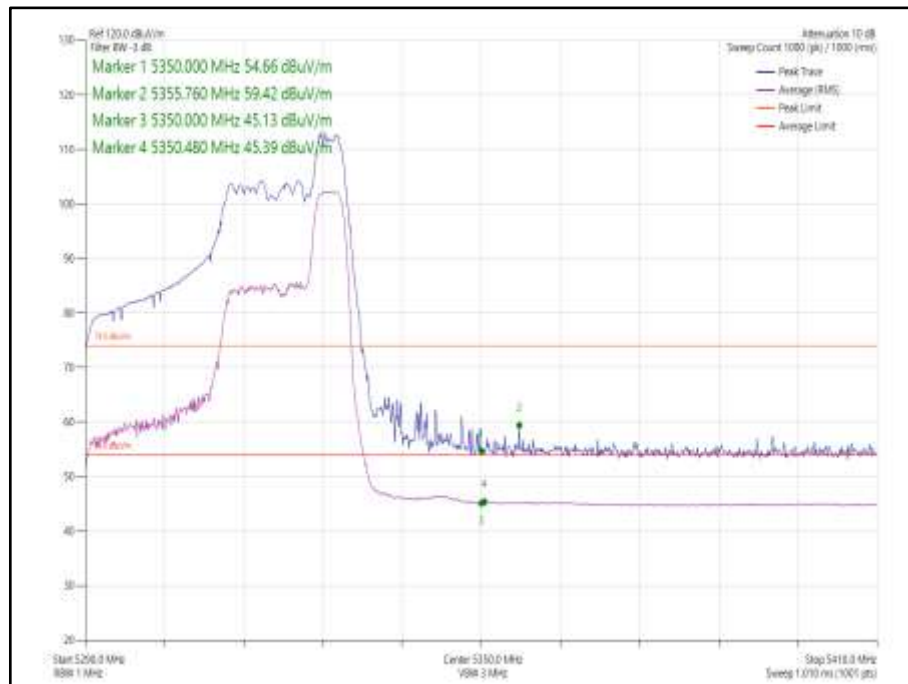
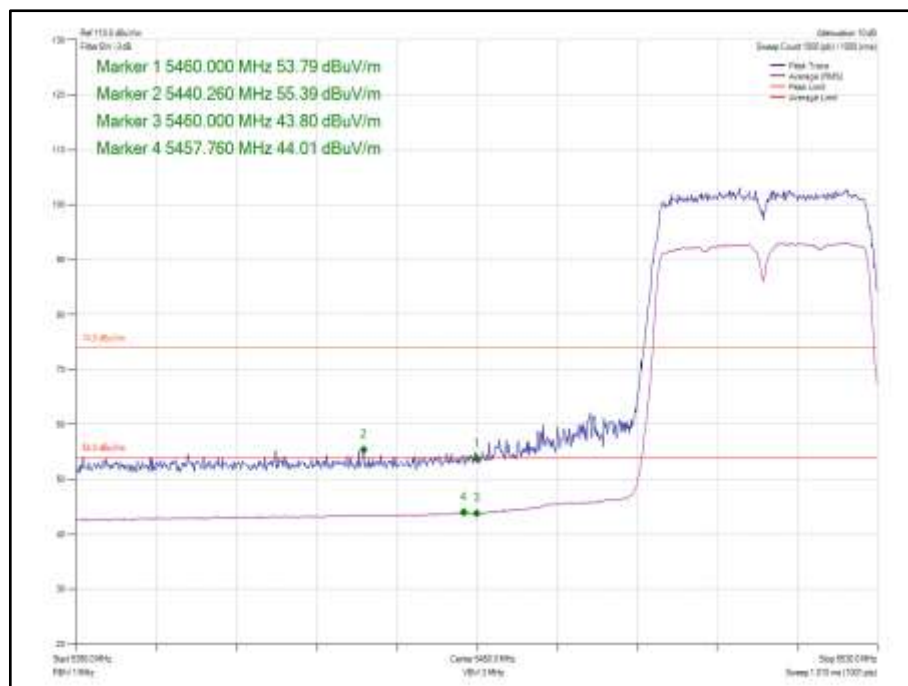


Figure 147 - 802.11ax HE40, Core 0, SU - 5310 MHz
Band Edge Frequency 5350 MHz



**Figure 148 - 802.11ax HE40, Core 0, 52 - 44 - 5310 MHz
Band Edge Frequency 5350 MHz**



**Figure 149 - 802.11n HT40, Core 1 - 5510 MHz
Band Edge Frequency 5460 MHz**

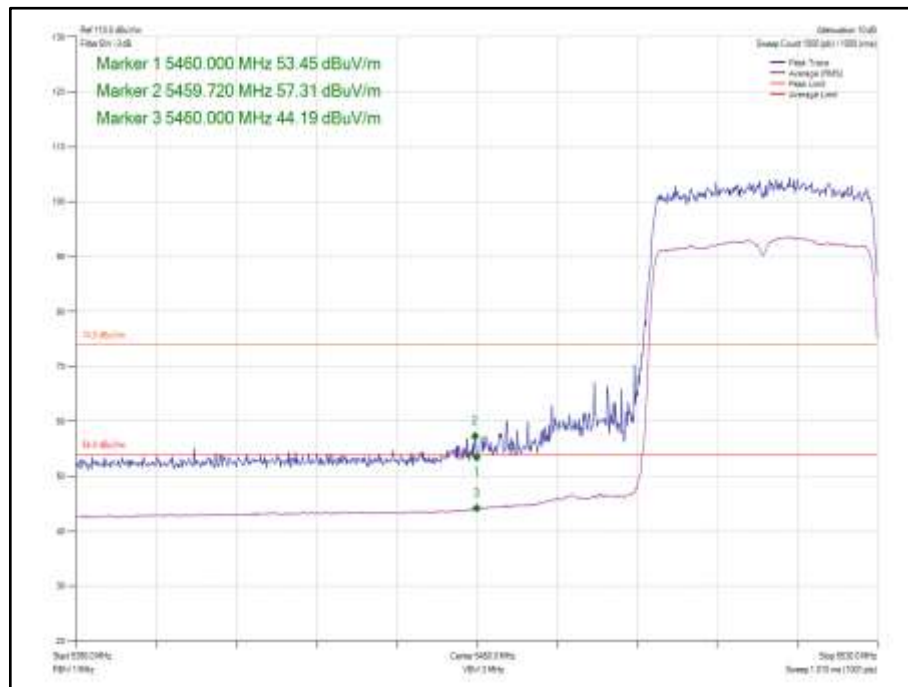


Figure 150 - 802.11ax HE40, Core 1, SU - 5510 MHz
Band Edge Frequency 5460 MHz

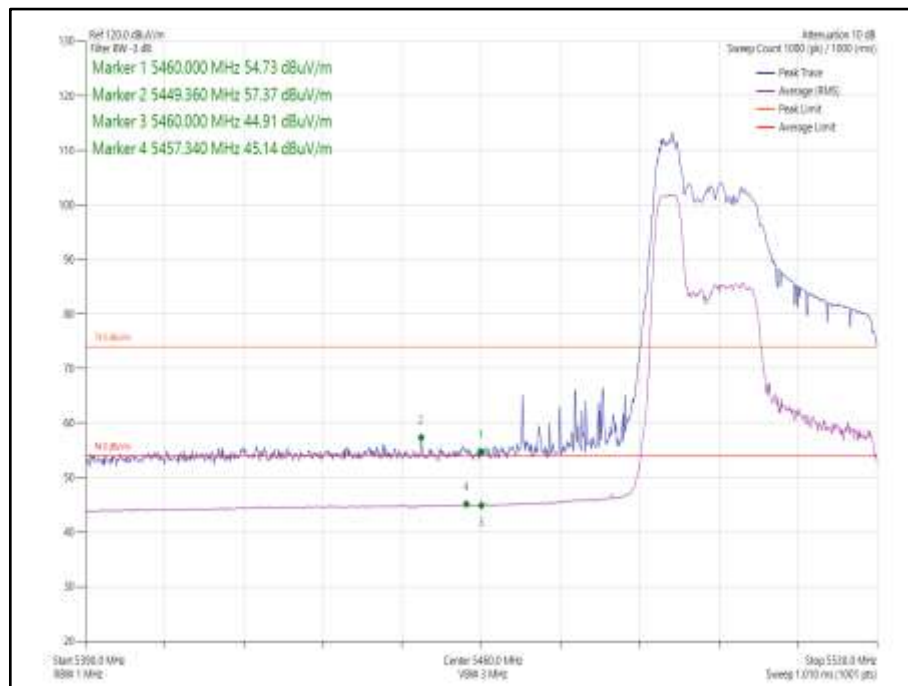
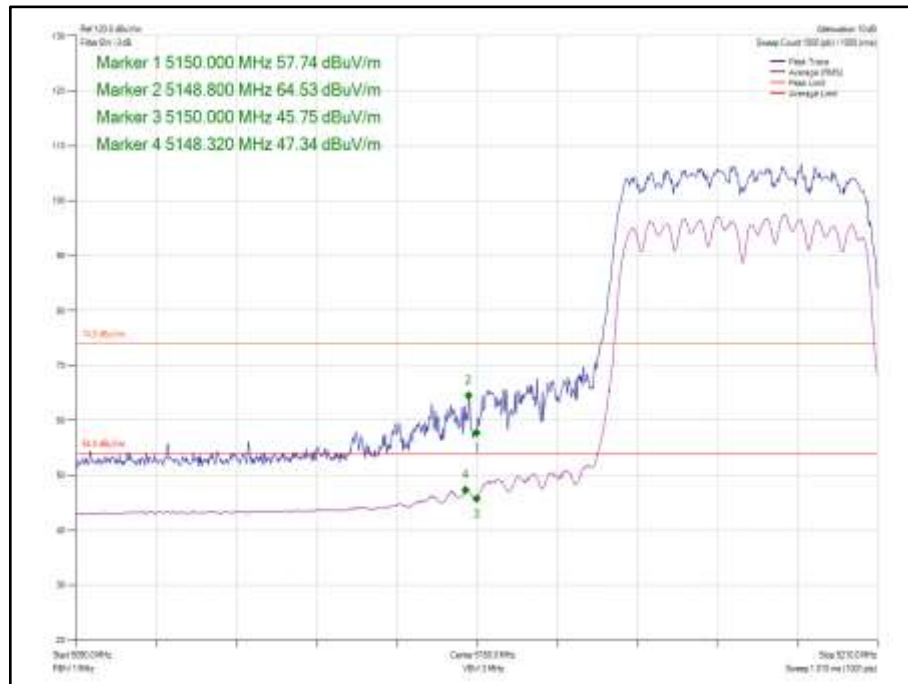


Figure 151 - 802.11ax HE40, Core 1, 52-37- 5510 MHz
Band Edge Frequency 5460 MHz

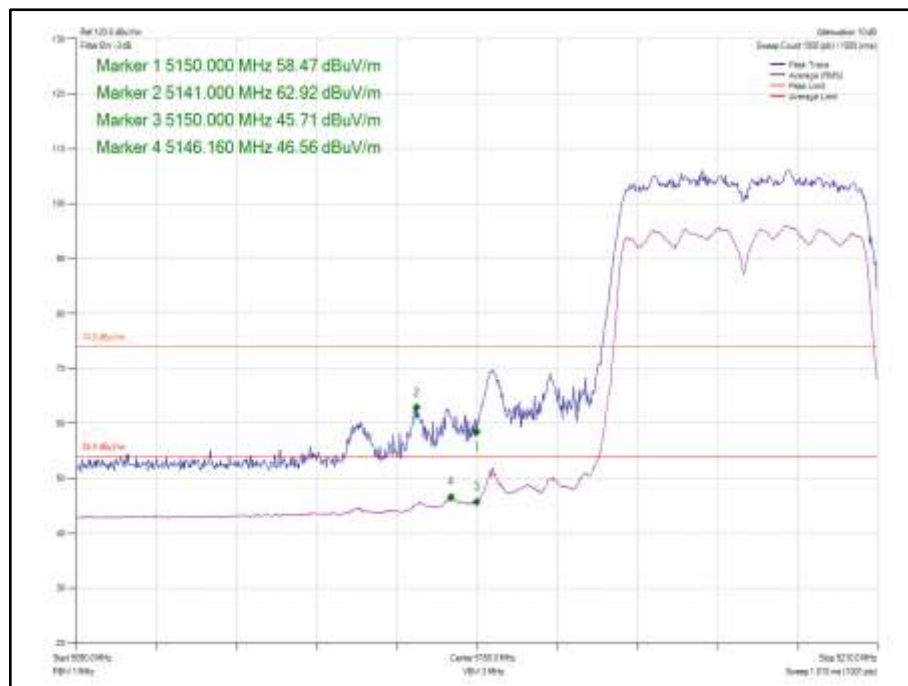


Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11n HT40 CDD, Cores 0-1	MCS7	-	-	5190	5150	64.53	47.89
802.11n HT40 SDM, Cores 0-1	MCS7	-	-	5190	5150	62.92	47.39
802.11ax HE40 CDD, Cores 0-1	MCS7	SU	-	5190	5150	62.80	47.05
802.11ax HE40 CDD, Cores 0-1	MCS7	26	0	5190	5150	55.03	43.70
802.11ax HE40 SDM, Cores 0-1	MCS7	SU	-	5190	5150	62.68	47.47
802.11ax HE40 SDM, Cores 0-1	MCS7	26	0	5190	5150	55.01	43.63
802.11n HT40 CDD, Cores 0-1	MCS7	-	-	5310	5350	60.91	48.02
802.11n HT40 SDM, Cores 0-1	MCS7	-	-	5310	5350	60.48	47.85
802.11ax HE40 CDD, Cores 0-1	MCS7	SU	-	5310	5350	63.78	48.03
802.11ax HE40 CDD, Cores 0-1	MCS7	52	44	5310	5350	56.28	45.13
802.11ax HE40 SDM, Cores 0-1	MCS7	SU	-	5310	5350	59.77	47.56
802.11ax HE40 SDM, Cores 0-1	MCS7	52	44	5310	5350	55.91	45.15
802.11n HT40 CDD, Cores 0-1	MCS7	-	-	5510	5460	57.21	45.79
802.11n HT40 SDM, Cores 0-1	MCS7	-	-	5510	5460	57.56	45.94
802.11ax HE40 CDD, Cores 0-1	MCS7	SU	-	5510	5460	56.78	45.72
802.11ax HE40 CDD, Cores 0-1	MCS7	52	37	5510	5460	56.33	45.25
802.11ax HE40 SDM, Cores 0-1	MCS7	SU	-	5510	5460	55.64	44.76
802.11ax HE40 SDM, Cores 0-1	MCS7	52	37	5510	5460	56.20	45.18

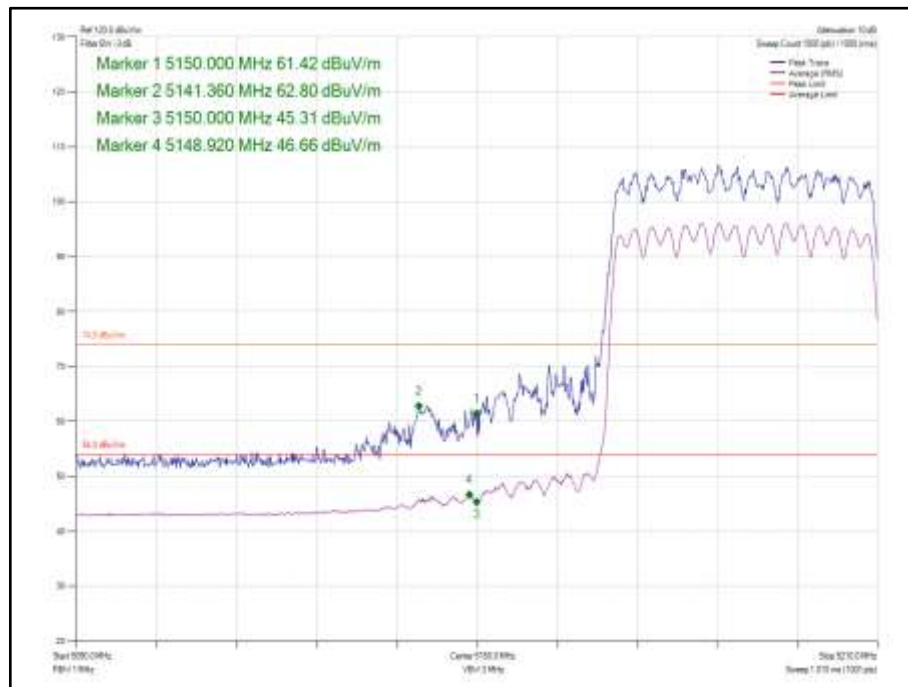
Table 444 – MIMO Restricted Band Edge Results



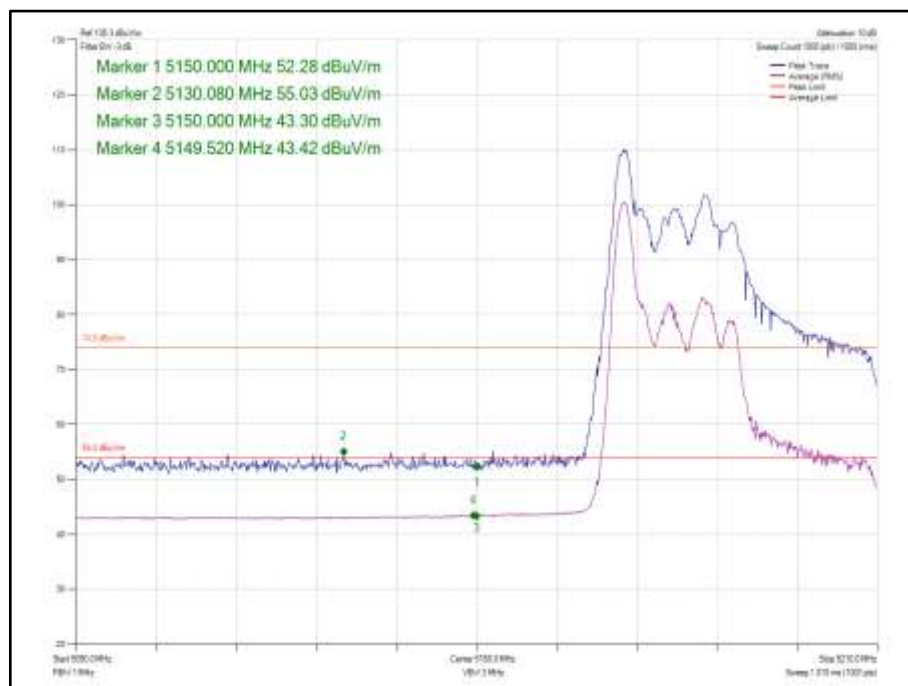
**Figure 152 - 802.11n HT40 CDD Cores 0-1 - 5190 MHz
Band Edge Frequency 5150 MHz**



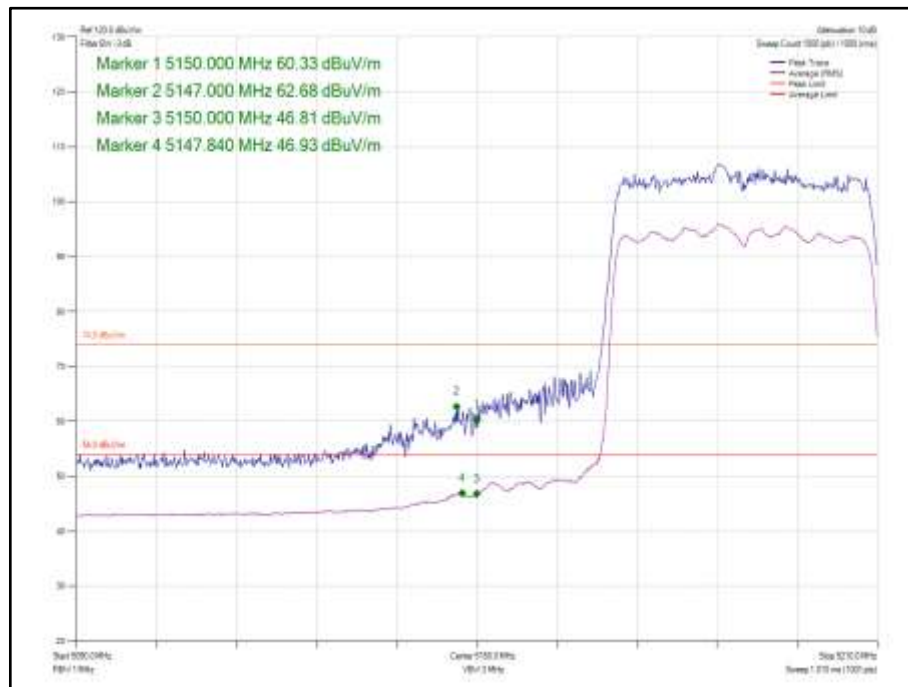
**Figure 153 - 802.11n HT40 SDM Cores 0-1 - 5190 MHz
Band Edge Frequency 5150 MHz**



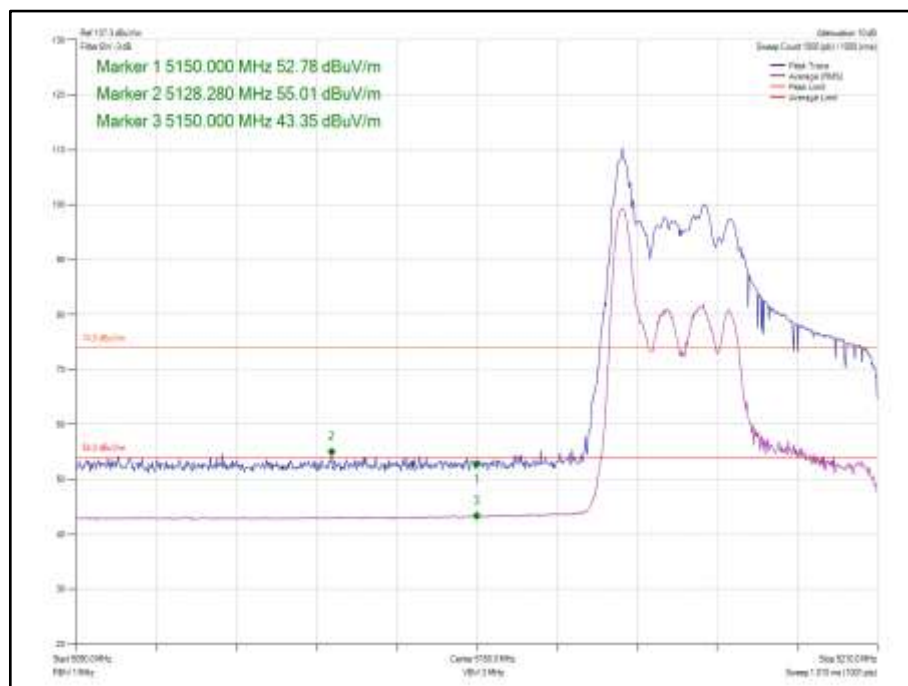
**Figure 154 - 802.11ax HE40 CDD, Cores 0-1, SU - 5190 MHz
Band Edge Frequency 5150 MHz**



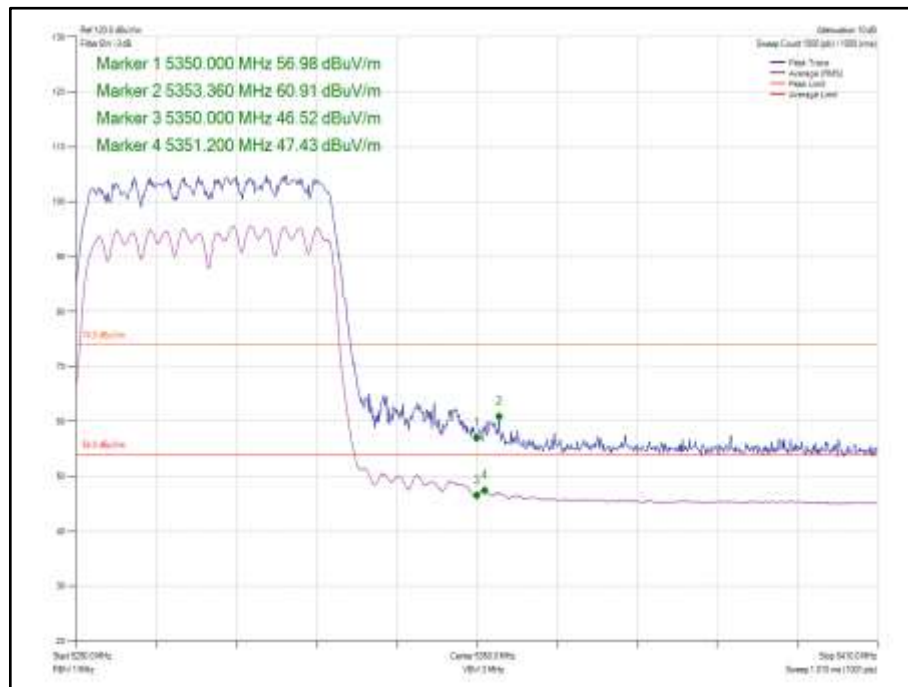
**Figure 155 - 802.11ax HE40 CDD, Cores 0-1, 26-0 - 5190 MHz
Band Edge Frequency 5150 MHz**



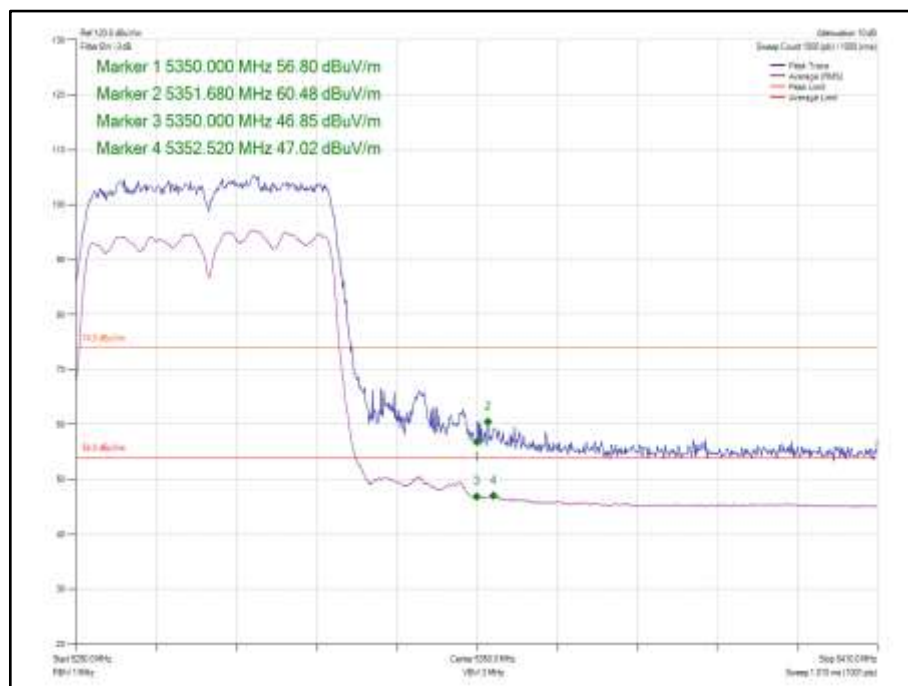
**Figure 156 802.11ax HE40 SDM, Cores 0-1, SU - 5190 MHz
Band Edge Frequency 5150 MHz**



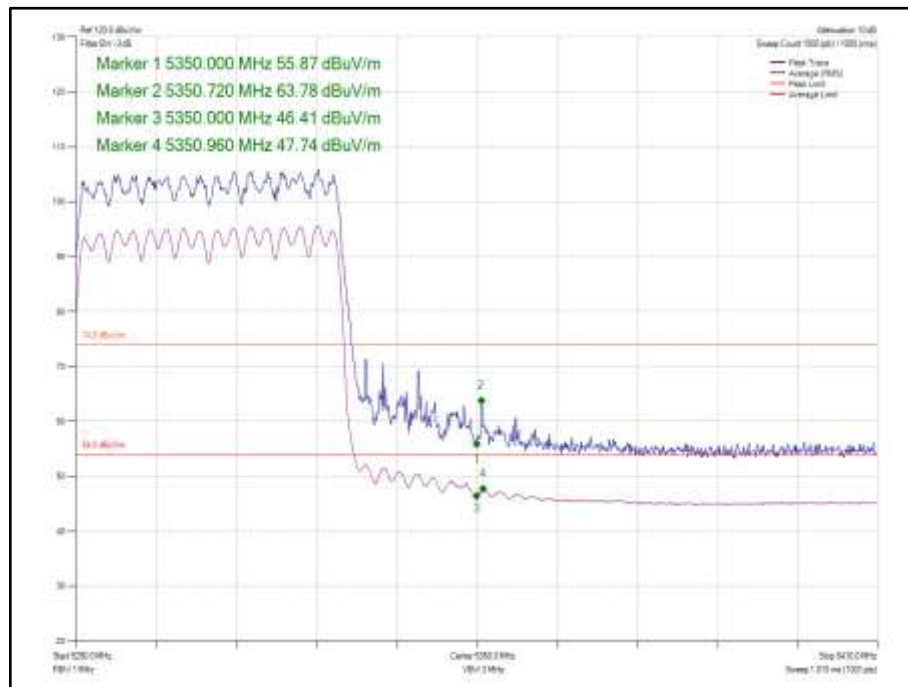
**Figure 157 - 802.11ax HE40 SDM, Cores 0-1, 26-0 - 5190 MHz
Band Edge Frequency 5150 MHz**



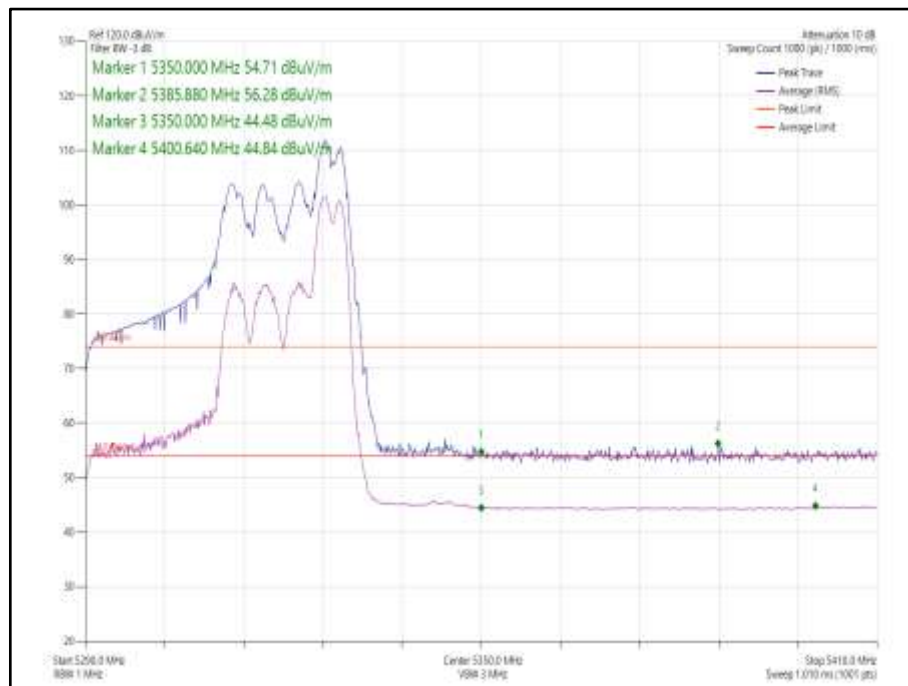
**Figure 158 - 802.11n HT40 CDD, Cores 0-1 - 5310 MHz
Band Edge Frequency 5350 MHz**



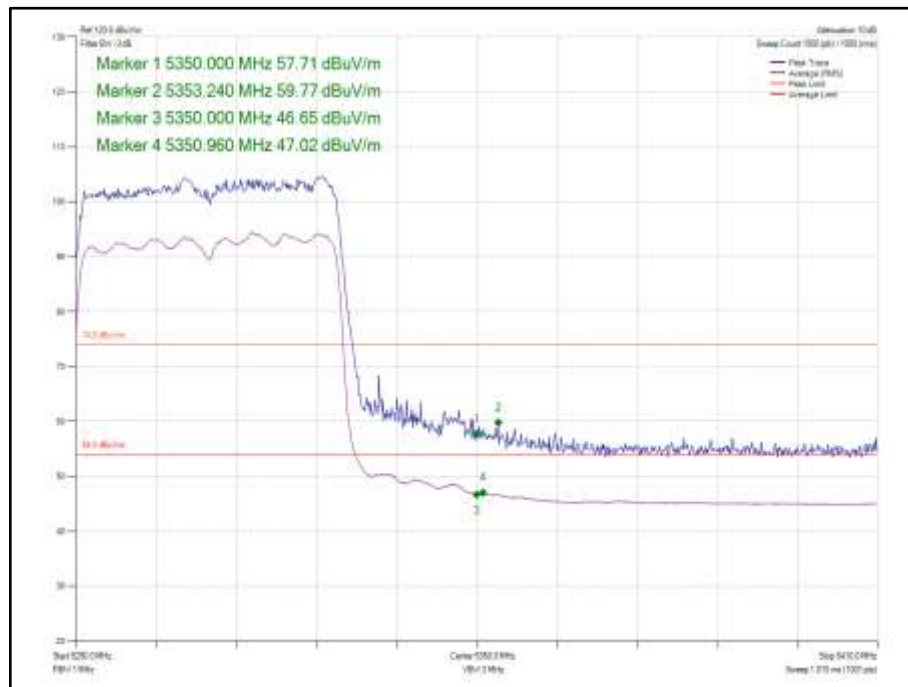
**Figure 159 - 802.11n HT40 SDM, Cores 0-1 - 5310 MHz
Band Edge Frequency 5350 MHz**



**Figure 160 - 802.11ax HE40 CDD, Cores 0-1, SU - 5310 MHz
Band Edge Frequency 5350 MHz**



**Figure 161 - 802.11ax HE40 CDD, Cores 0-1, 52-44- 5310 MHz
Band Edge Frequency 5350 MHz**



**Figure 162 - 802.11ax HE40 SDM, Cores 0-1, SU - 5310 MHz
Band Edge Frequency 5350 MHz**

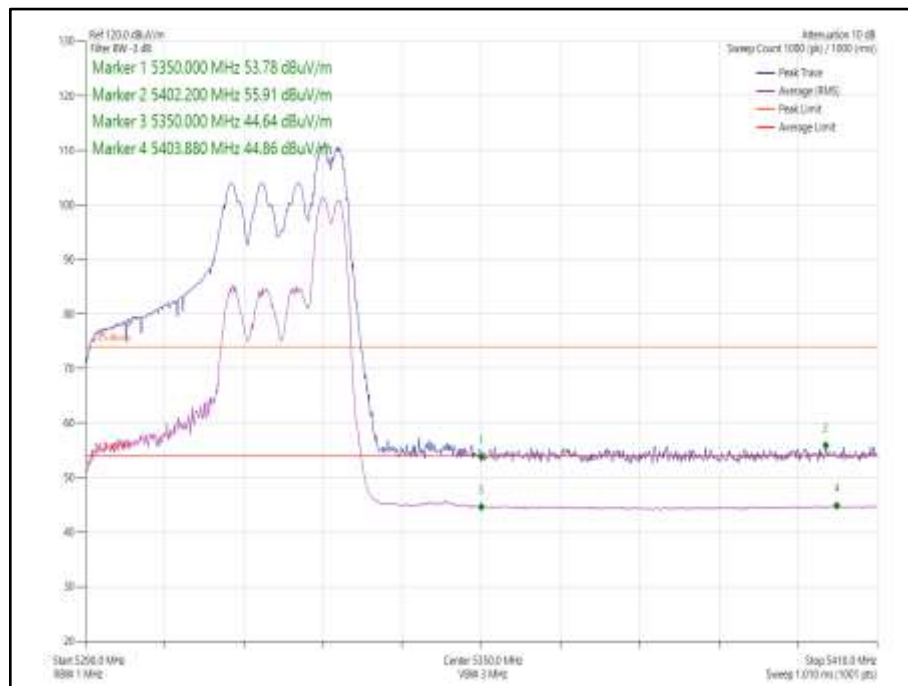
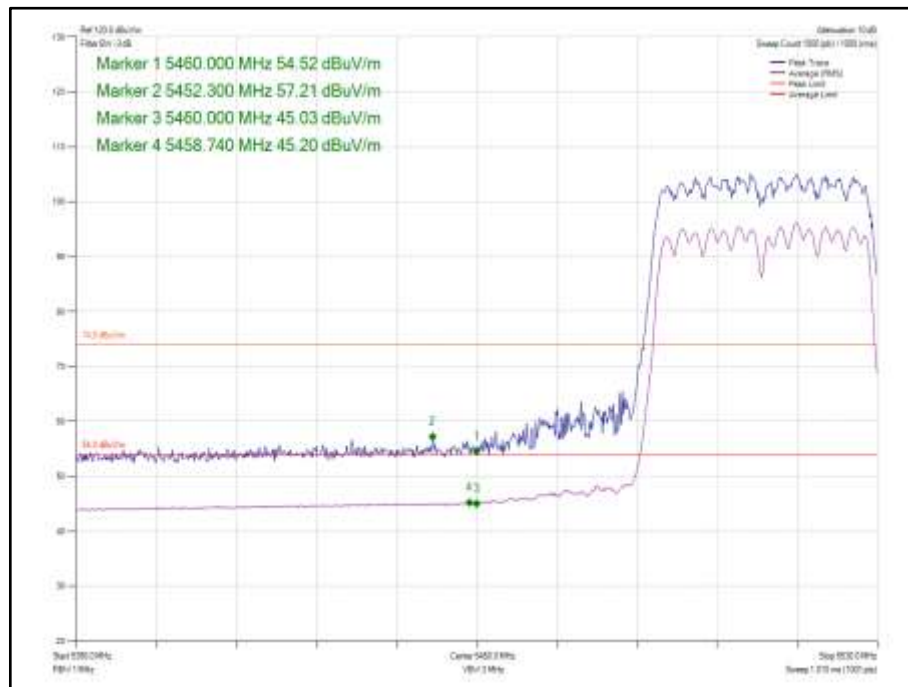
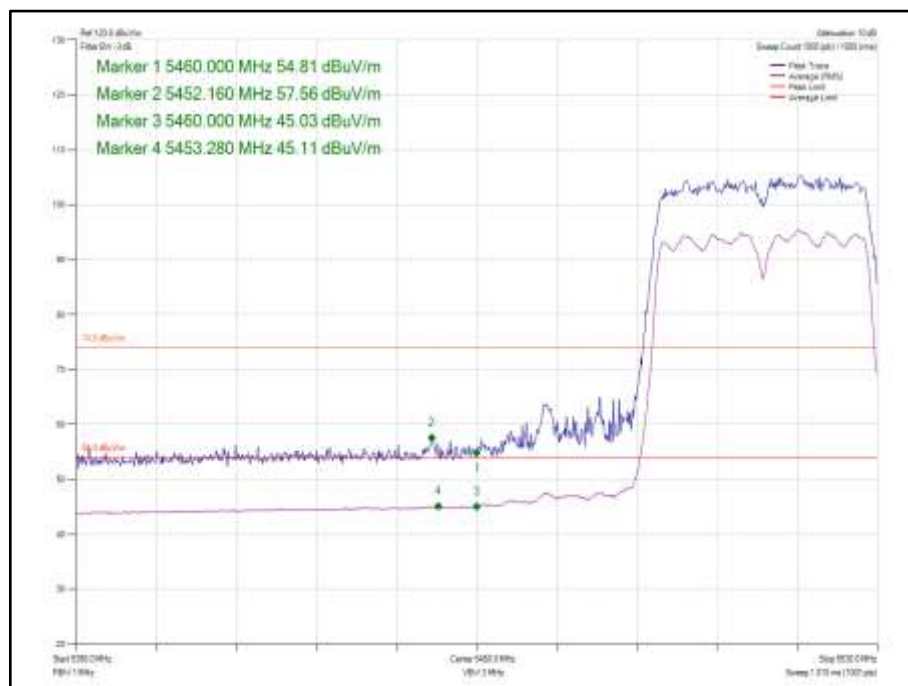


Figure 163

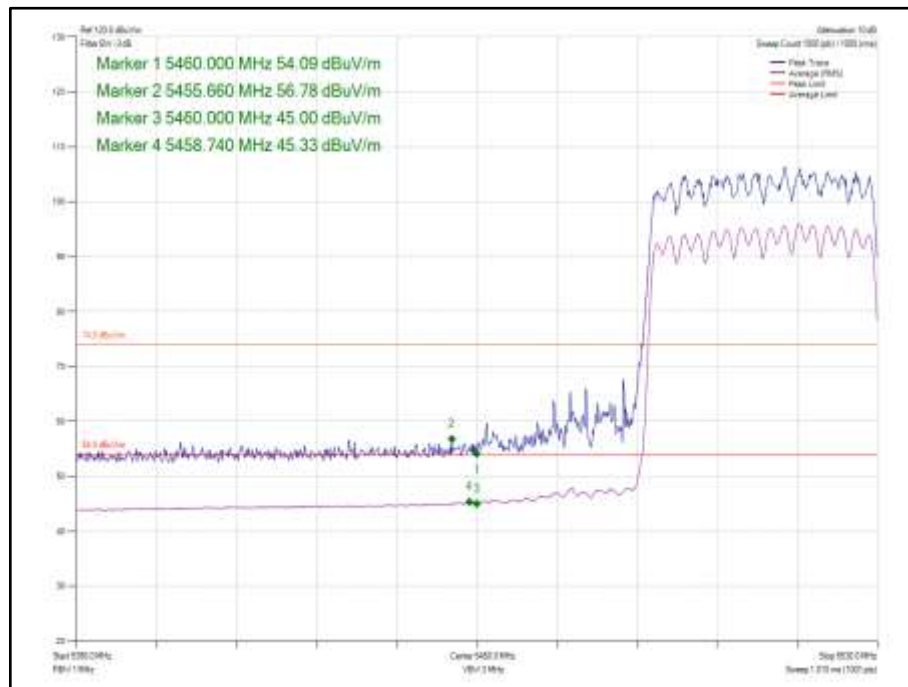
**Figure 164 - 802.11ax HE40 SDM, Cores 0-1, 52-44 - 5310 MHz
Band Edge Frequency 5350 MHz**



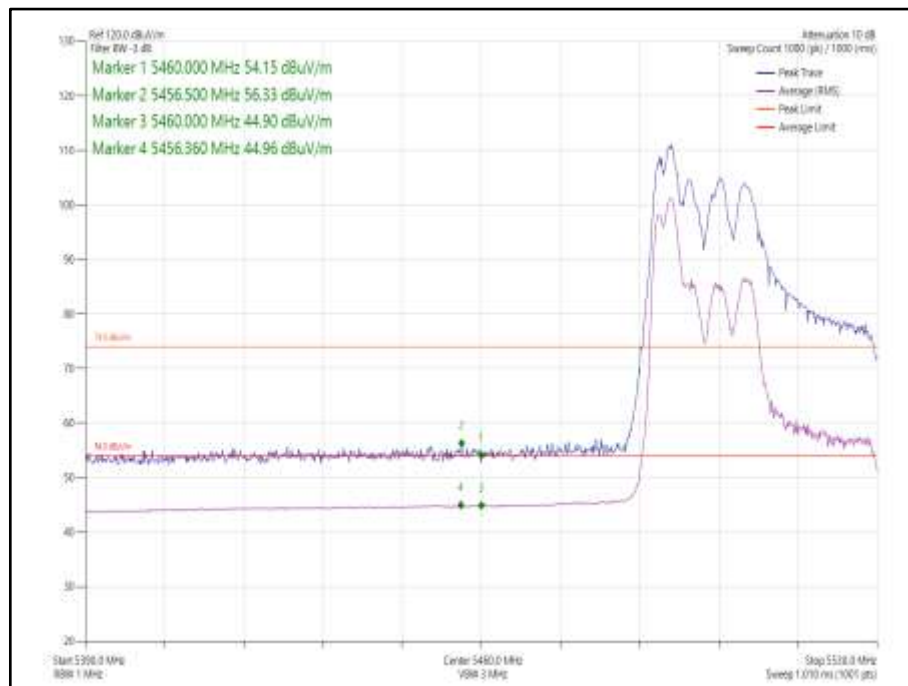
**Figure 165 - 802.11n HT40 CDD, Cores 0-1 - 5510 MHz
Band Edge Frequency 5460 MHz**



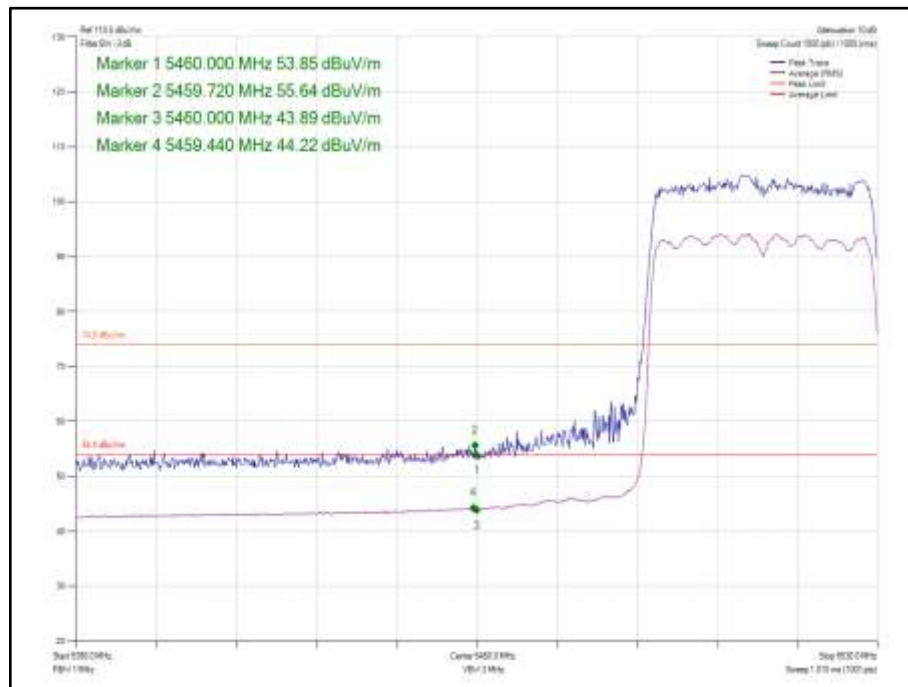
**Figure 166 - 802.11n HT40 SDM, Cores 0-1 - 5510 MHz
Band Edge Frequency 5460 MHz**



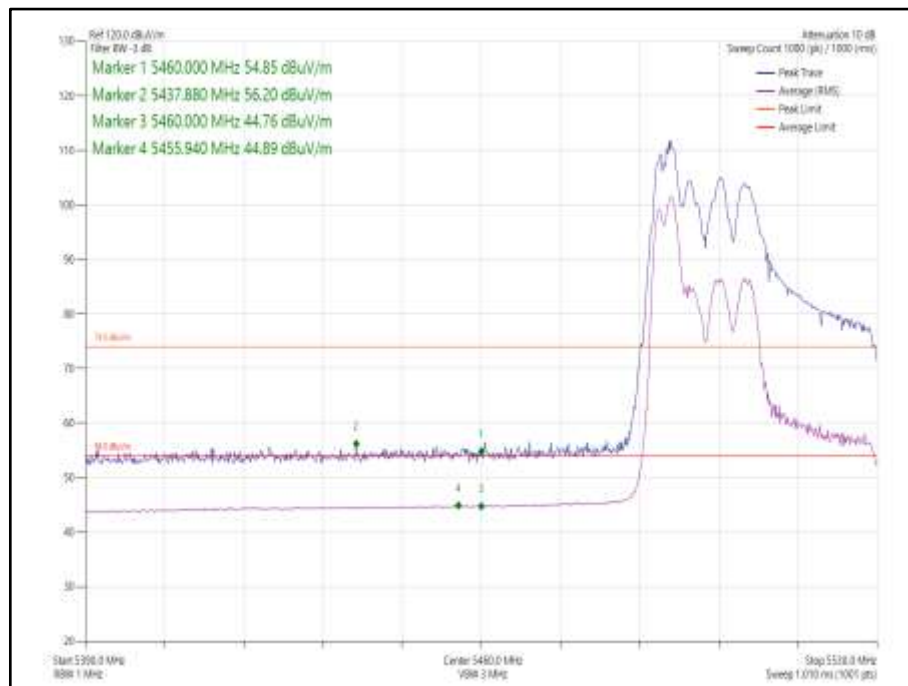
**Figure 167 - 802.11ax HE40 CDD, Cores 0-1, SU - 5510 MHz
Band Edge Frequency 5460 MHz**



**Figure 168 - 802.11ax HE40 CDD, Cores 0-1, 52-37 - 5510 MHz
Band Edge Frequency 5460 MHz**



**Figure 169 - 802.11ax HE40 SDM, Cores 0-1, SU - 5510 MHz
Band Edge Frequency 5460 MHz**



**Figure 170 - 802.11ax HE40 SDM, Cores 0-1, 26-0 - 5510 MHz
Band Edge Frequency 5460 MHz**



Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ac VHT80, Core 0	MCS7x1	-	-	5210	5150	65.91	49.09
802.11ac VHT80, Core 0	MCS7x1	-	-	5290	5350	64.41	48.15
802.11ac VHT80, Core 1	MCS7x1	-	-	5530	5460	60.23	45.90
802.11ax HE80, Core 0	MCS7	SU	-	5210	5150	64.29	47.88
802.11ax HE80, Core 0	MCS7	26	0	5210	5150	55.12	44.37
802.11ax HE80, Core 0	MCS7	SU	-	5290	5350	66.55	49.52
802.11ax HE80, Core 0	MCS7	26	36	5290	5350	63.07	47.60
802.11ax HE80, Core 1	MCS7	SU	-	5530	5460	59.23	45.33
802.11ax HE80, Core 1	MCS7	26	0	5530	5460	65.09	45.62

Table 445 - SISO Restricted Band Edge Results

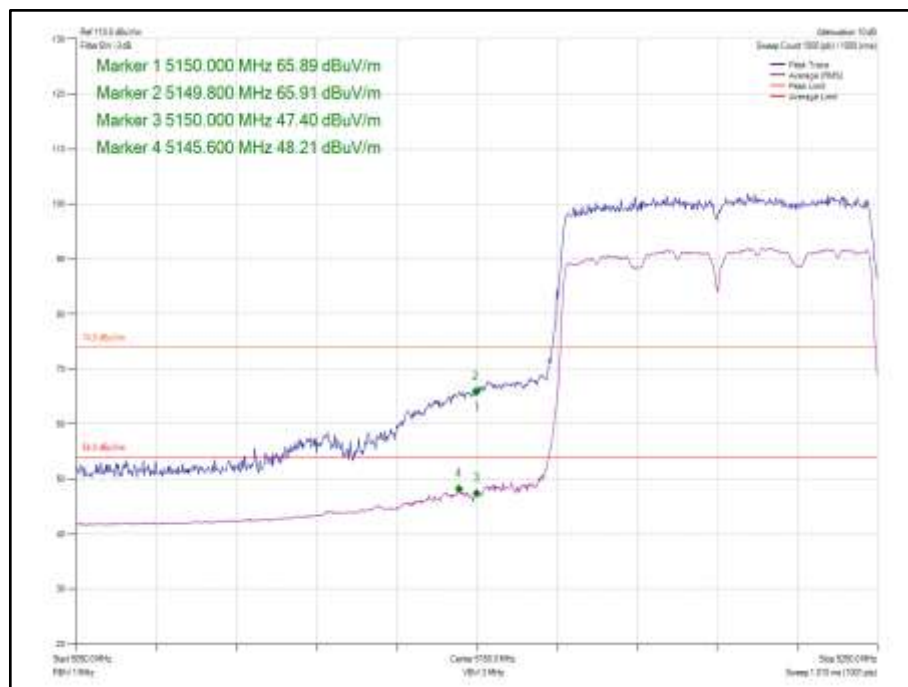
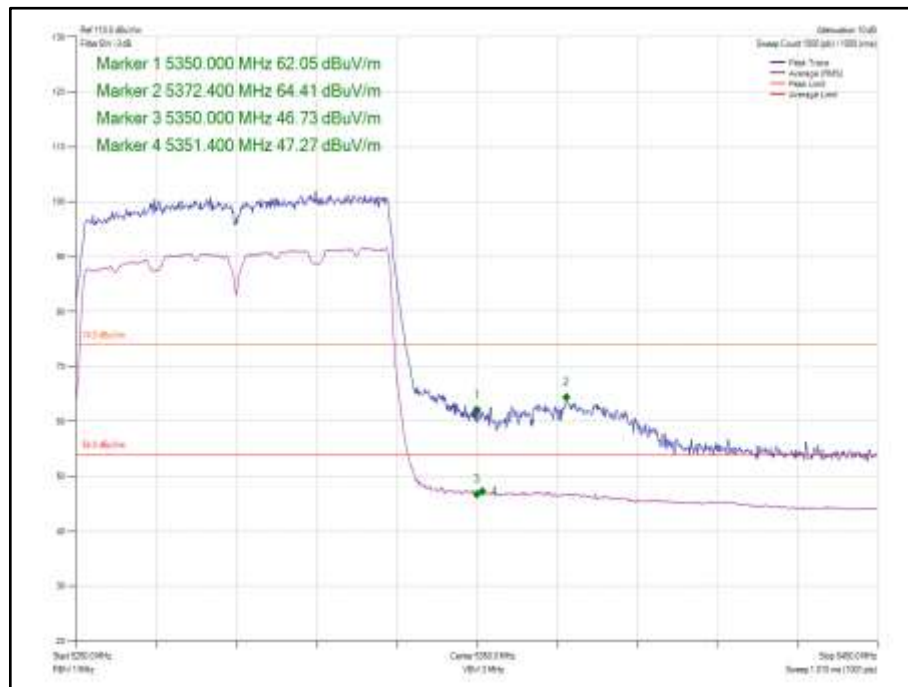
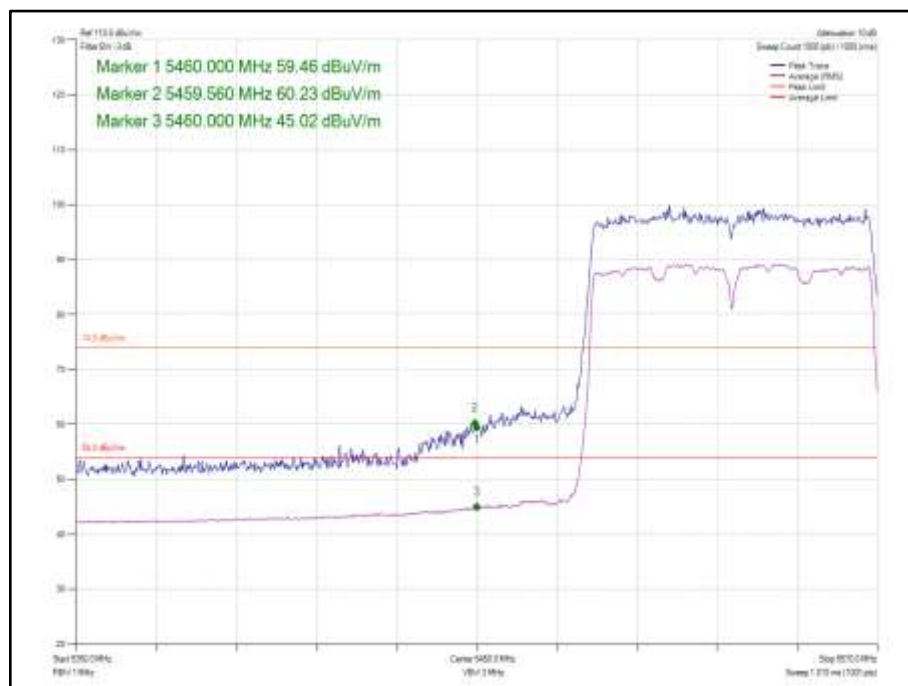


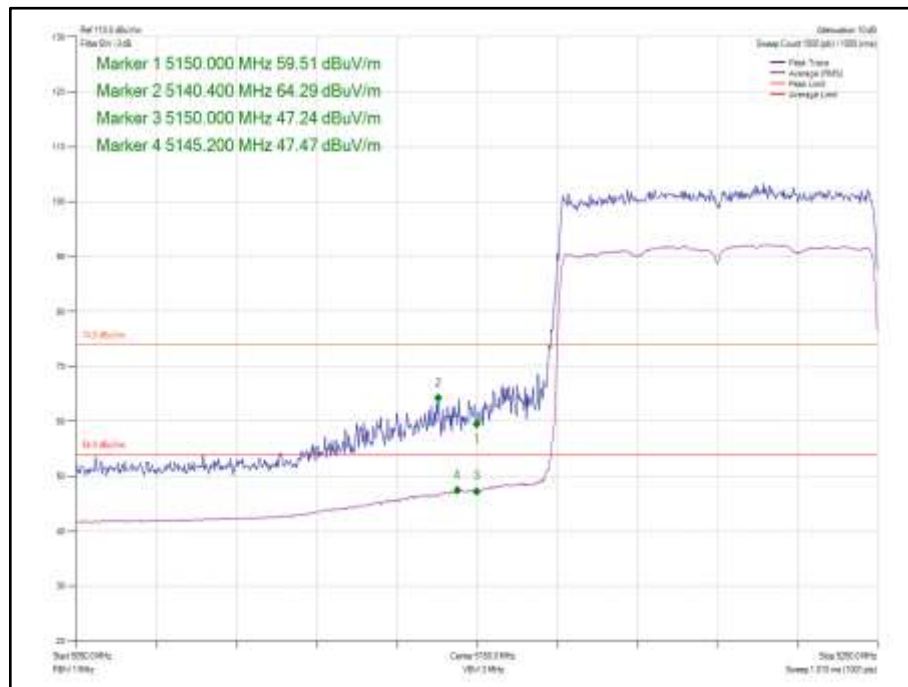
Figure 171 - 802.11ac VHT80, Core 0 - 5210 MHz
Band Edge Frequency 5150 MHz



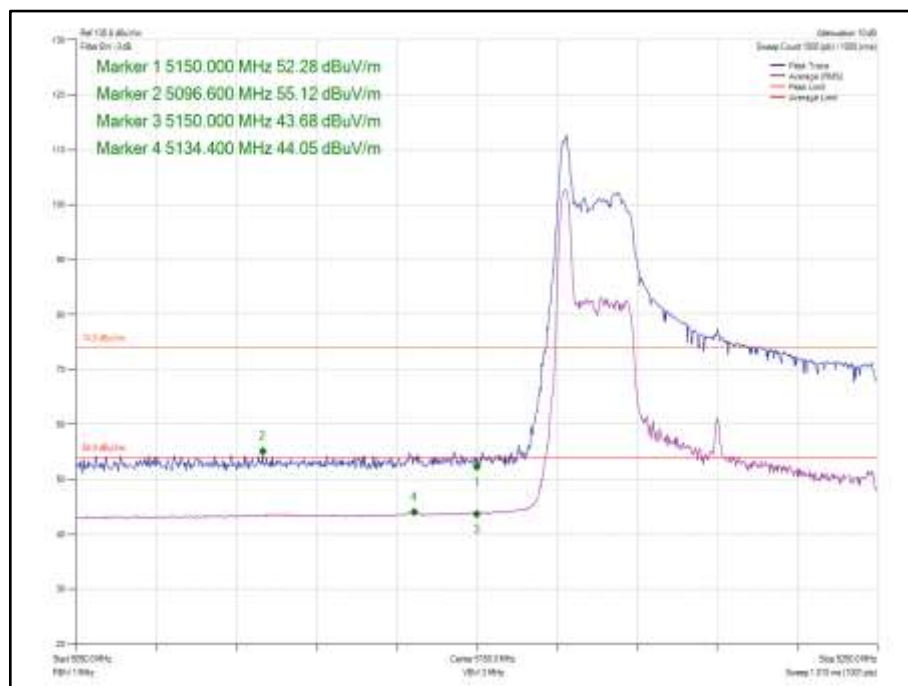
**Figure 172 - 802.11ac VHT80, Core 0 - 5290 MHz
Band Edge Frequency 5350 MHz**



**Figure 173 - 802.11ac VHT80, Core 1 - 5530 MHz
Band Edge Frequency 5350 MHz**



**Figure 174 - 802.11ax HE80, Core 0, SU - 5210 MHz
Band Edge Frequency 5150 MHz**



**Figure 175 - 802.11ax HE80, Core 0, 26-0 - 5210 MHz
Band Edge Frequency 5150 MHz**

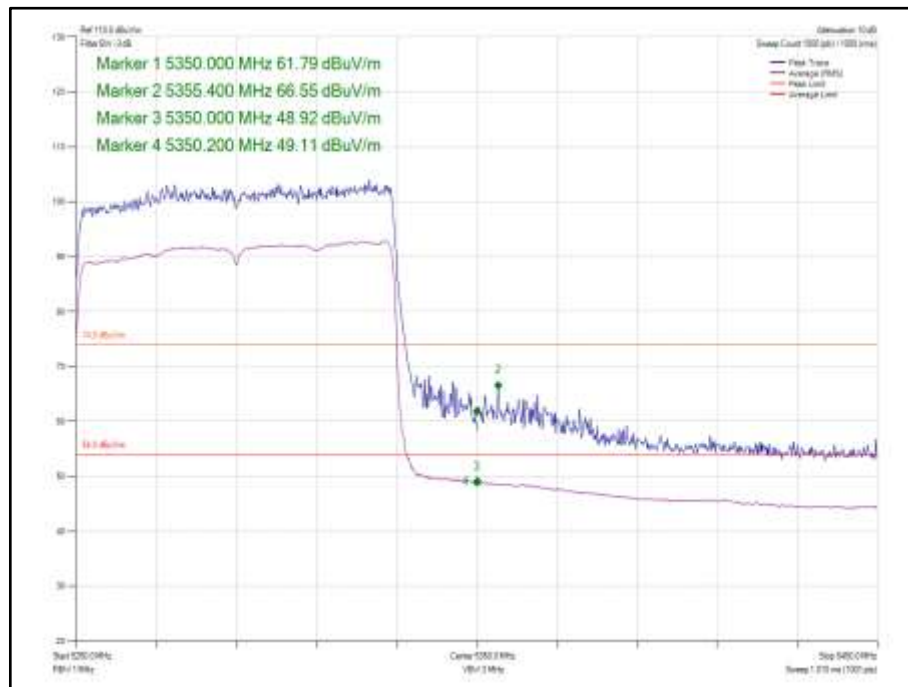


Figure 176 - 802.11ax HE80, Core 0, SU - 5290 MHz
Band Edge Frequency 5350 MHz

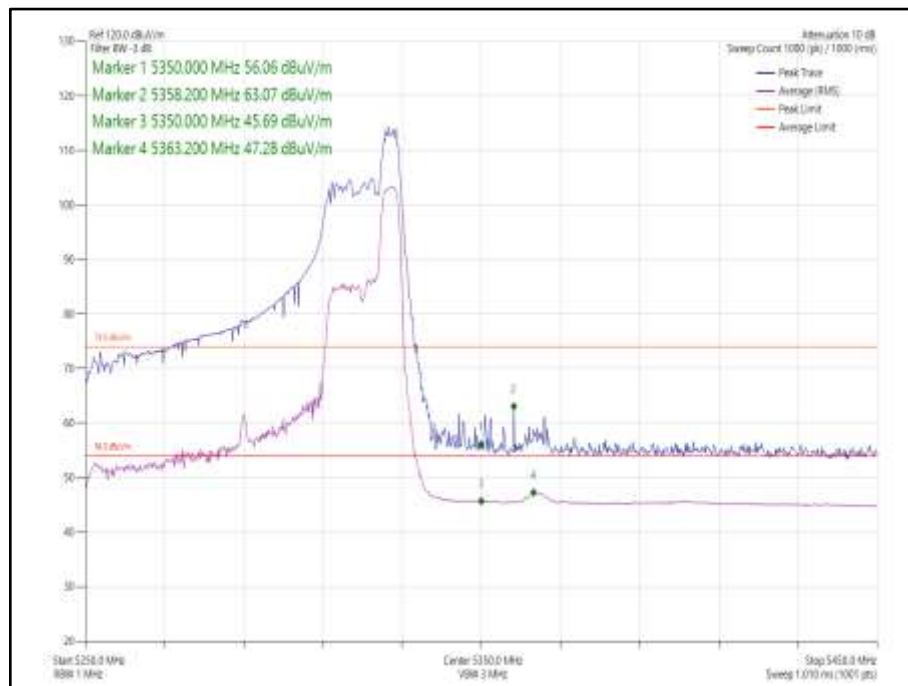


Figure 177 - 802.11ax HE80, Core 0, 52-52 - 5290 MHz
Band Edge Frequency 5350 MHz

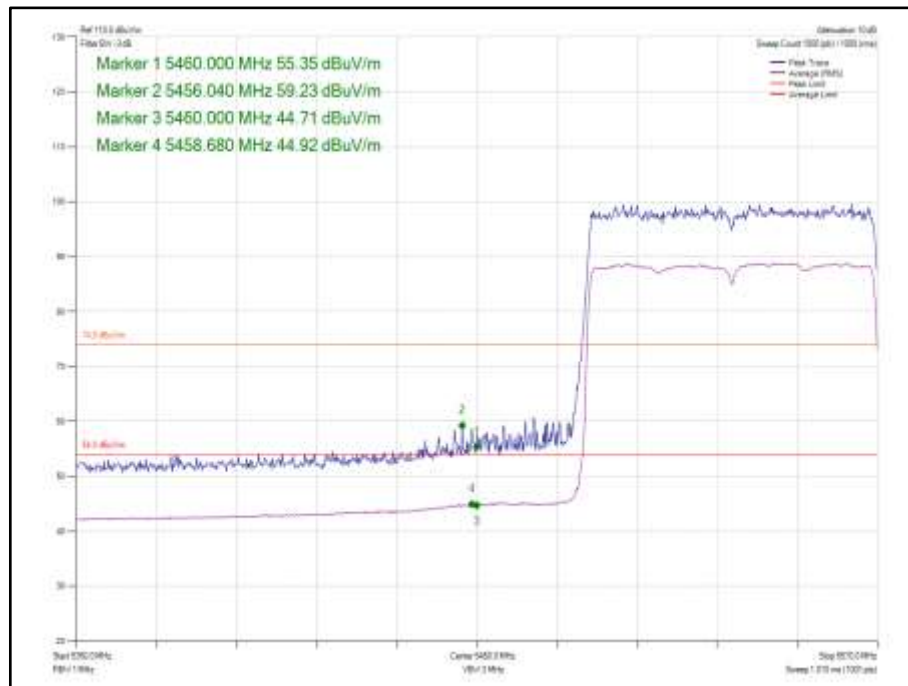


Figure 178 - 802.11ax HE80, Core 1, SU - 5530 MHz
Band Edge Frequency 5350 MHz

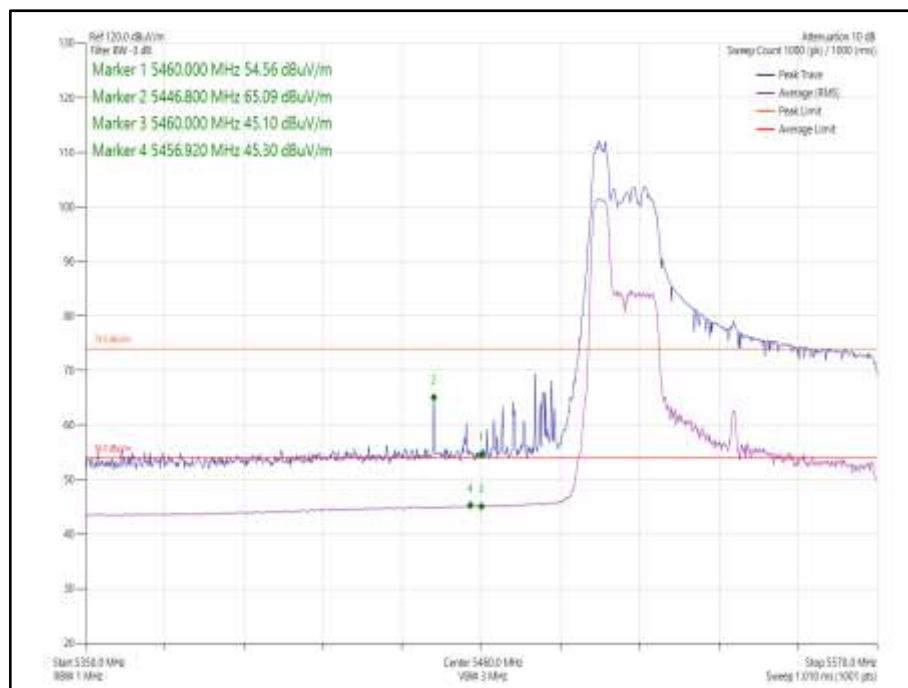
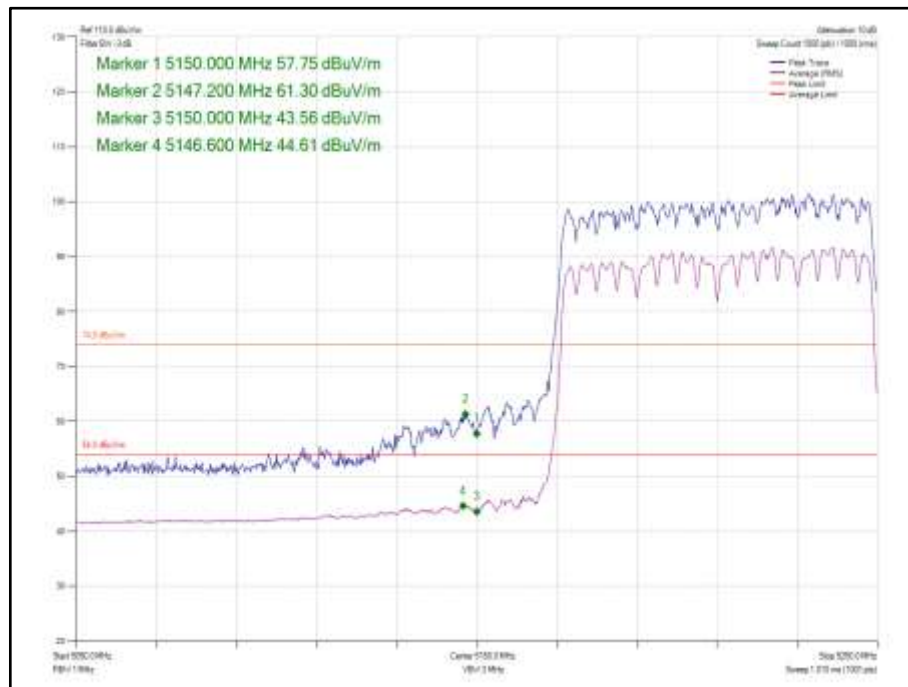


Figure 179 - 802.11ax HE80, Core 1, 52-37 - 5530 MHz
Band Edge Frequency 5350 MHz

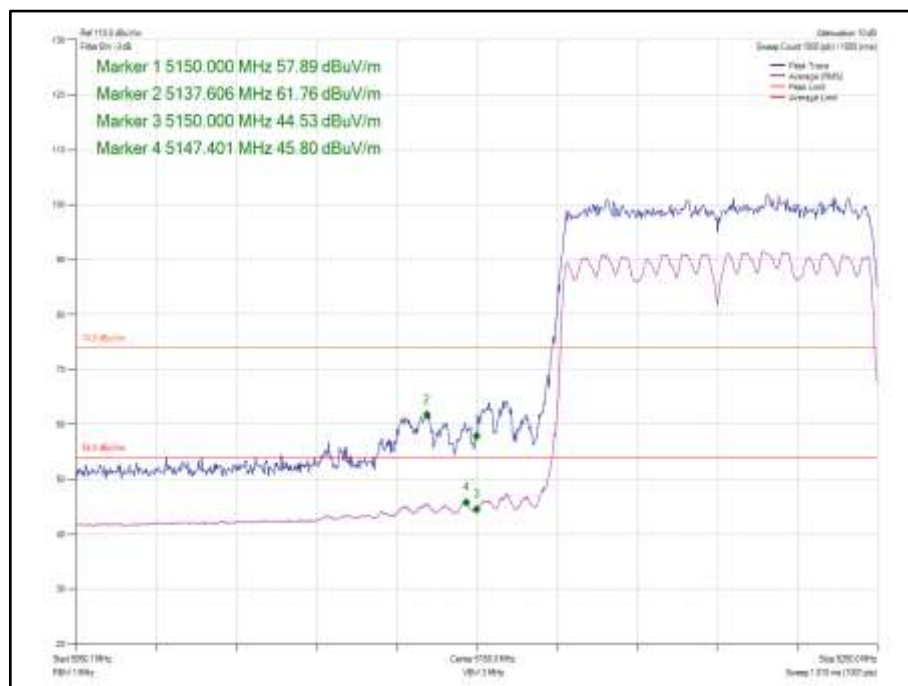


Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ac VHT80 CDD, Cores 0-1	MCS7x1	-	-	5210	5150	61.30	45.50
802.11ac VHT80 SDM, Cores 0-1	MCS7x1	-	-	5210	5150	61.76	46.85
802.11ax HE80 CDD, Cores 0-1	MCS7	SU	-	5210	5150	61.54	46.95
802.11ax HE80 CDD, Cores 0-1	MCS7	26	0	5210	5150	55.22	44.10
802.11ax HE80 SDM, Cores 0-1	MCS7	SU	-	5210	5150	57.74	46.32
802.11ax HE80 SDM, Cores 0-1	MCS7	26	0	5210	5150	55.11	44.10
802.11ac VHT80 CDD, Cores 0-1	MCS7	-	-	5290	5350	60.32	47.11
802.11ac VHT80 SDM, Cores 0-1	MCS7	-	-	5290	5350	61.87	47.31
802.11ax HE80 CDD, Cores 0-1	MCS7	SU	-	5290	5350	59.57	47.96
802.11ax HE80 CDD, Cores 0-1	MCS7	52	52	5290	5350	56.16	45.80
802.11ax HE80 SDM, Cores 0-1	MCS7	SU	-	5290	5350	60.78	46.97
802.11ax HE80 SDM, Cores 0-1	MCS7	52	52	5290	5350	56.66	46.19
802.11ac VHT80 CDD, Cores 0-1	MCS7	-	-	5530	5460	56.31	45.06
802.11ac VHT80 SDM, Cores 0-1	MCS7	-	-	5530	5460	55.65	45.13
802.11ax HE80 CDD, Cores 0-1	MCS7	SU	-	5530	5460	54.66	44.75
802.11ax HE80 CDD, Cores 0-1	MCS7	26	0	5530	5460	56.59	45.24
802.11ax HE80 SDM, Cores 0-1	MCS7	SU	-	5530	5460	55.23	44.68
802.11ax HE80 SDM, Cores 0-1	MCS7	26	0	5530	5460	56.46	45.25

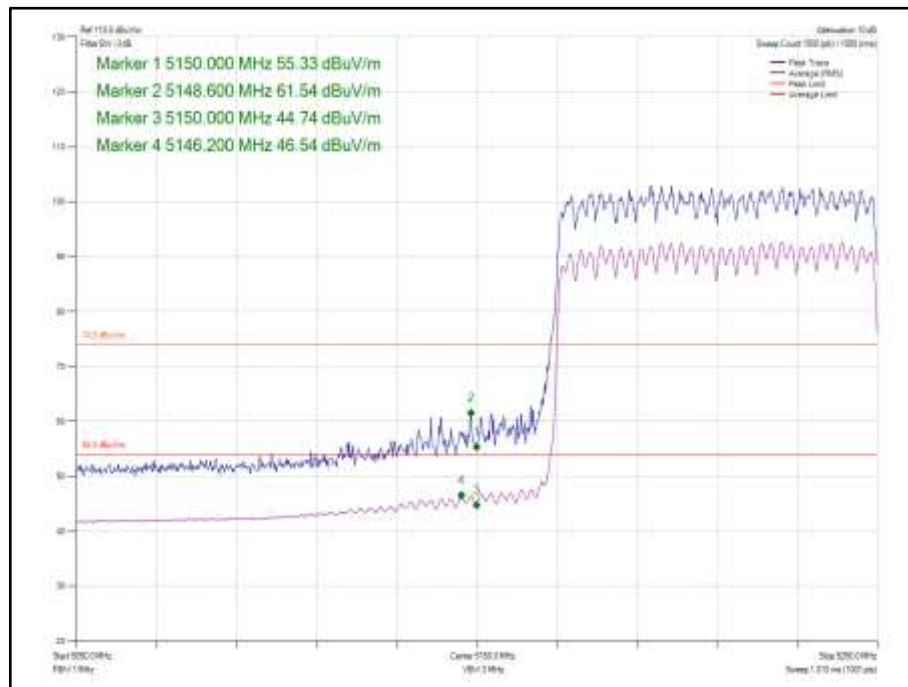
Table 446 - MIMO Restricted Band Edge Results



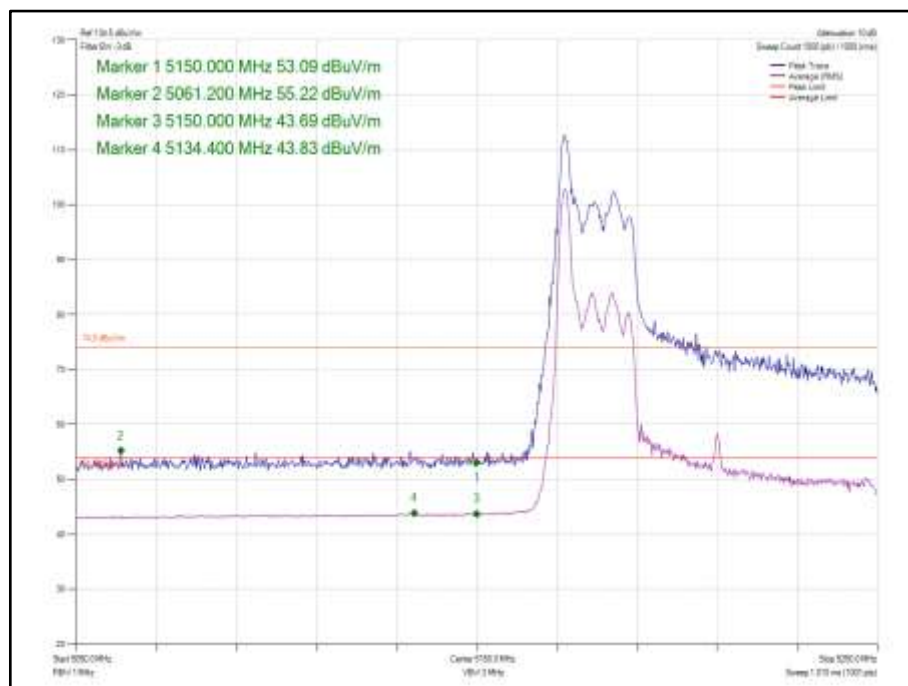
**Figure 180 - 802.11ac VHT80 CDD, Cores 0-1- 5210 MHz
Band Edge Frequency 5150 MHz**



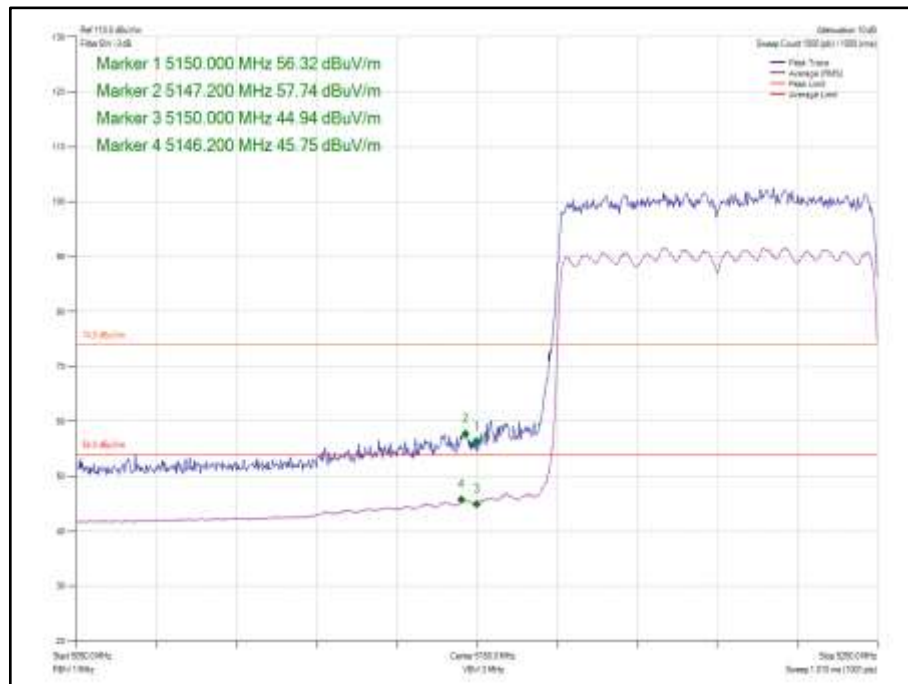
**Figure 181 - 802.11ac VHT80 SDM, Cores 0-1- 5210 MHz
Band Edge Frequency 5150 MHz**



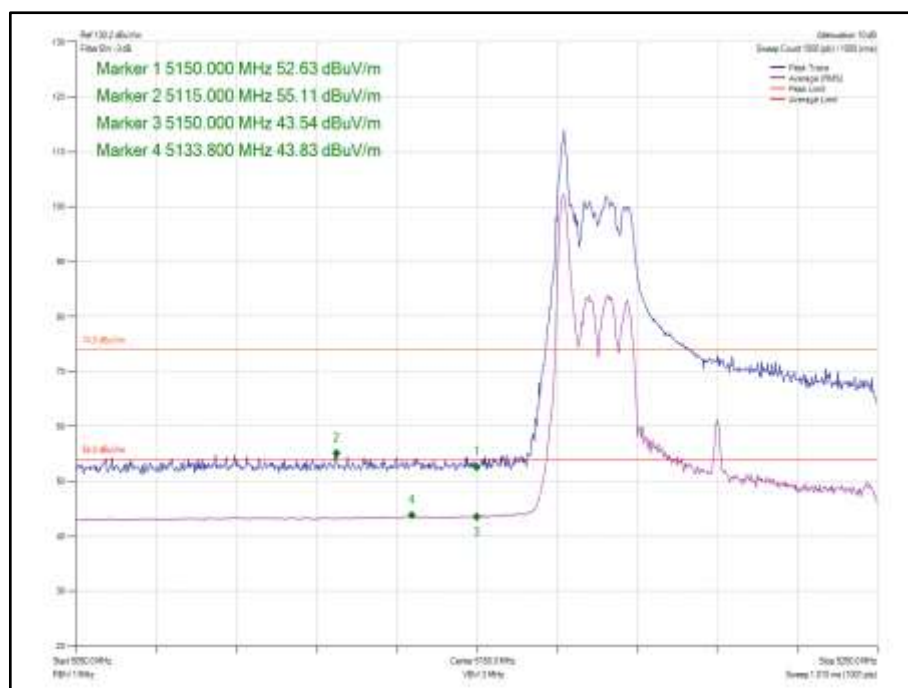
**Figure 182 - 802.11ax HE80 CDD, Cores 0-1, SU - 5210 MHz
Band Edge Frequency 5150 MHz**



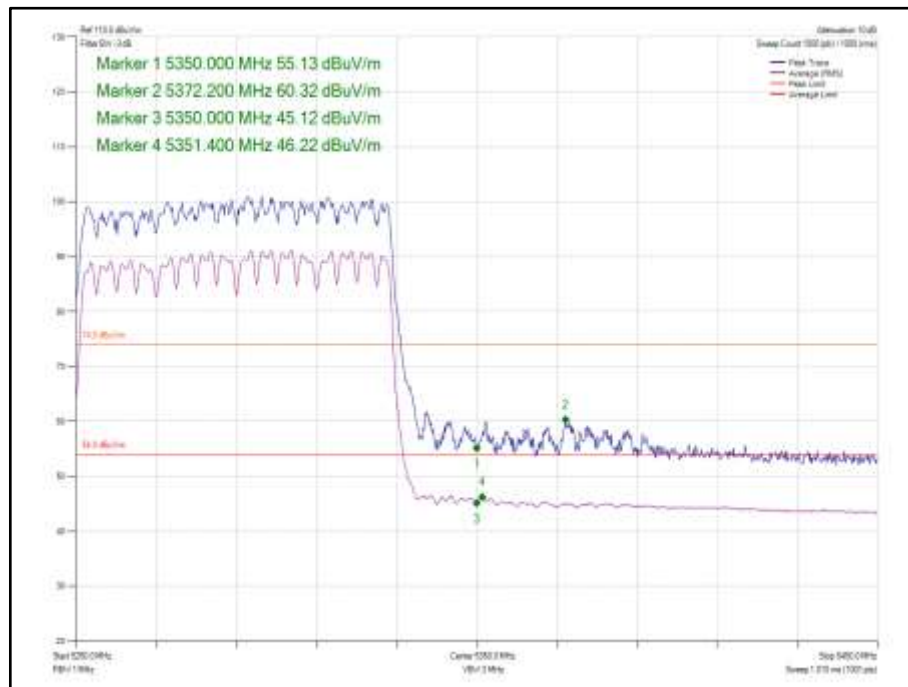
**Figure 183 - 802.11ax HE80 CDD, Cores 0-1, 26-0 - 5210 MHz
Band Edge Frequency 5150 MHz**



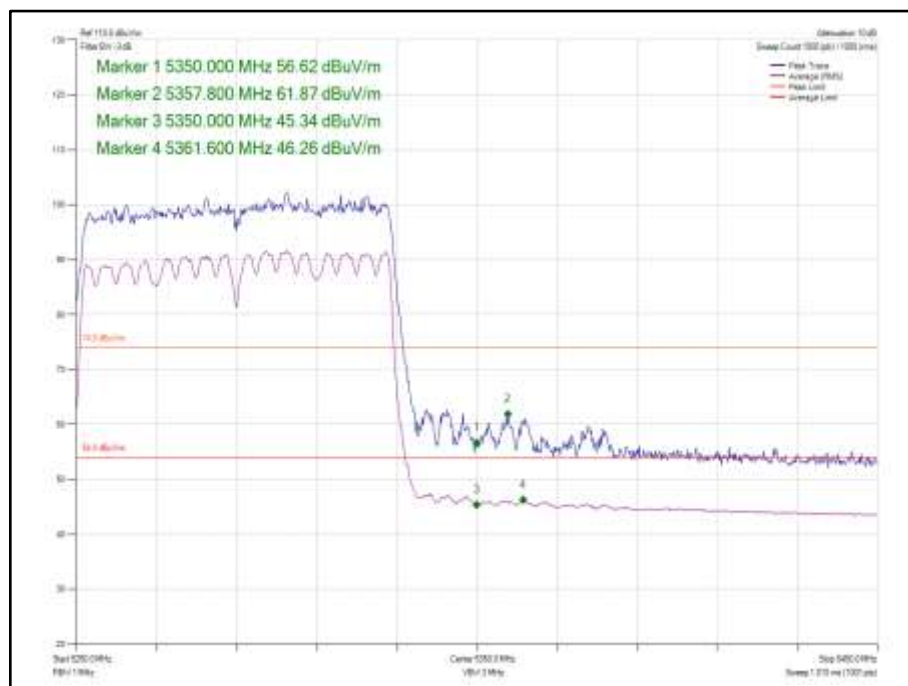
**Figure 184 - 802.11ax HE80 SDM, Cores 0-1, SU - 5210 MHz
Band Edge Frequency 5150 MHz**



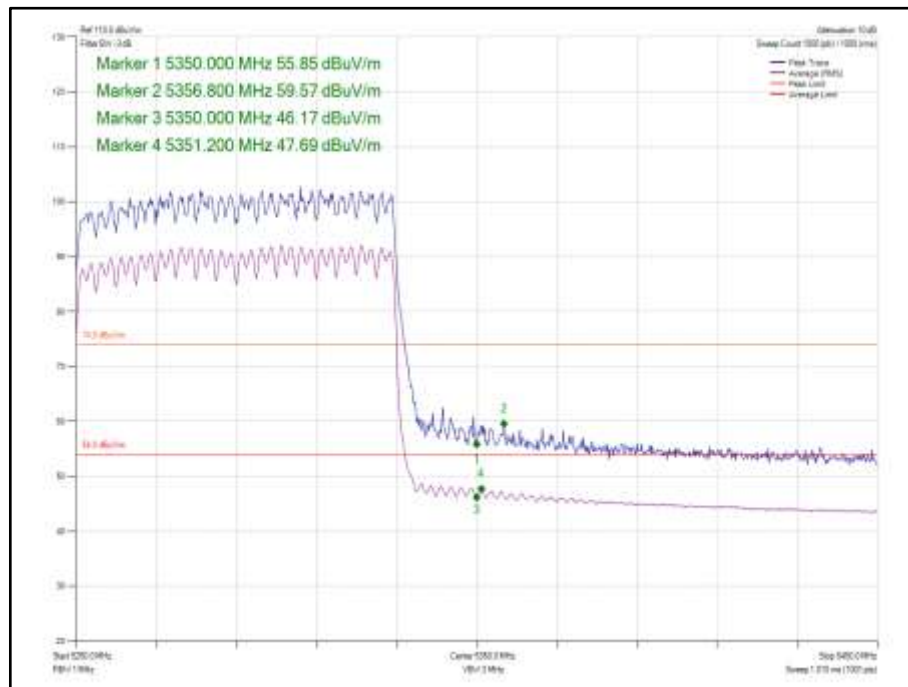
**Figure 185 - 802.11ax HE80 SDM, Cores 0-1, 26-0 - 5210 MHz
Band Edge Frequency 5150 MHz**



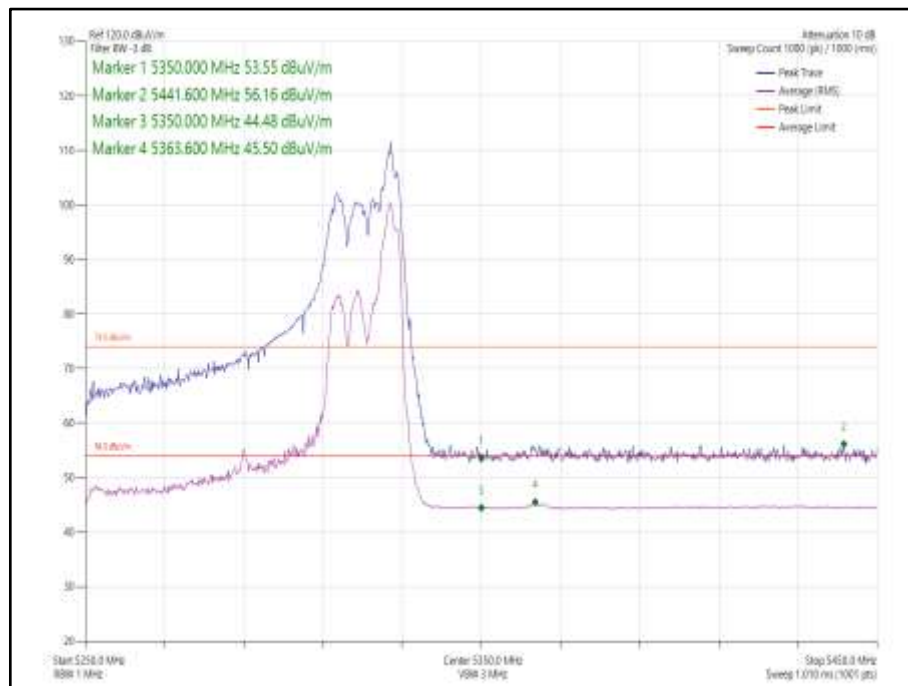
**Figure 186 - 802.11ac VHT80 CDD, Cores 0-1- 5290 MHz
Band Edge Frequency 5350 MHz**



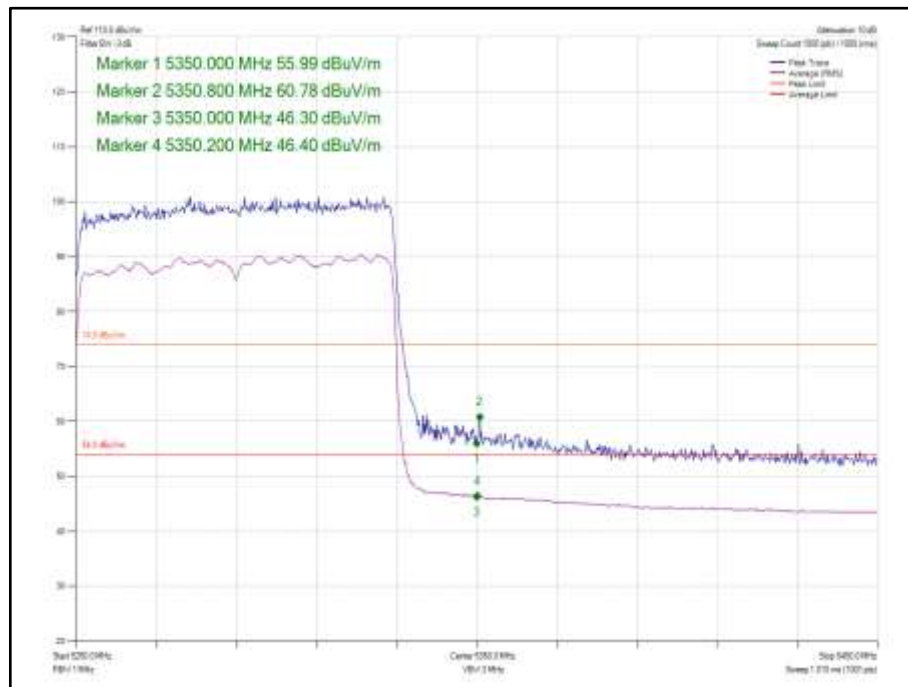
**Figure 187 - 802.11ac VHT80 SDM ,Cores 0-1- 5290 MHz
Band Edge Frequency 5350 MHz**



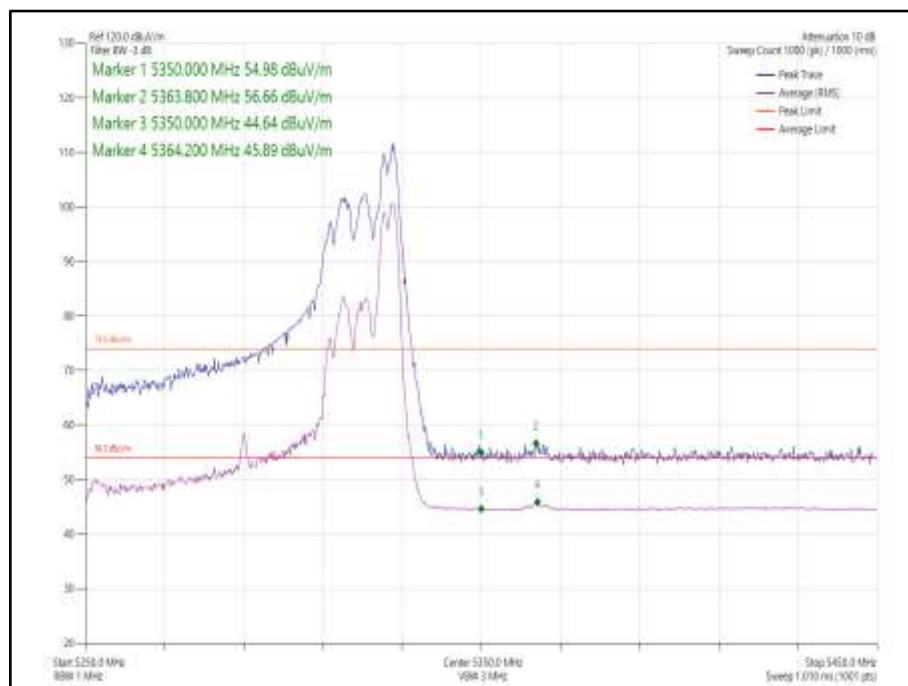
**Figure 188 - 802.11ax HE80 CDD, Cores 0-1, SU - 5290 MHz
Band Edge Frequency 5350 MHz**



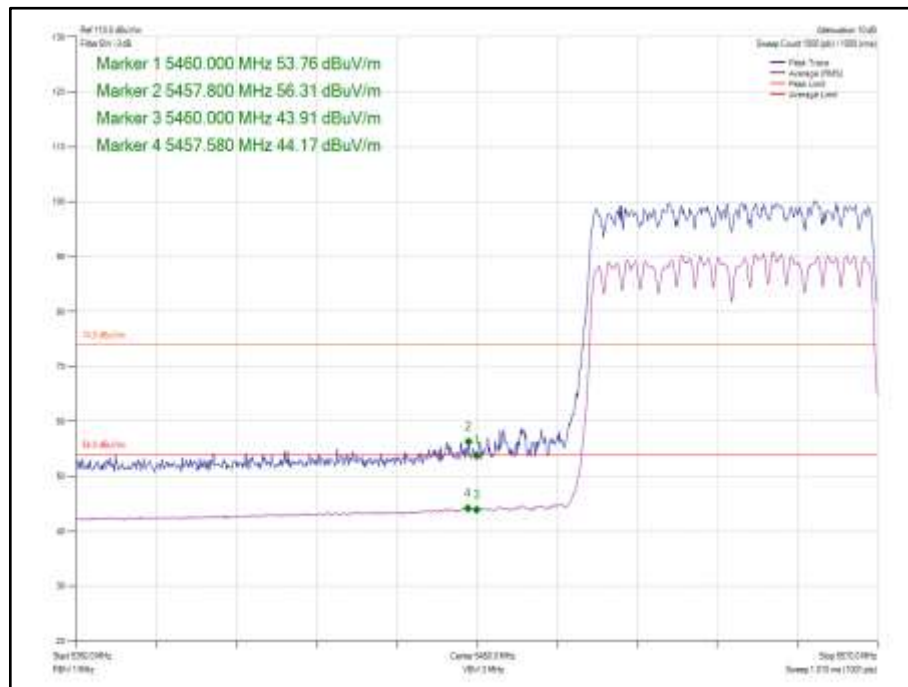
**Figure 189 - 802.11ax HE80 CDD, Cores 0-1, 26-36- 5290 MHz
Band Edge Frequency 5350 MHz**



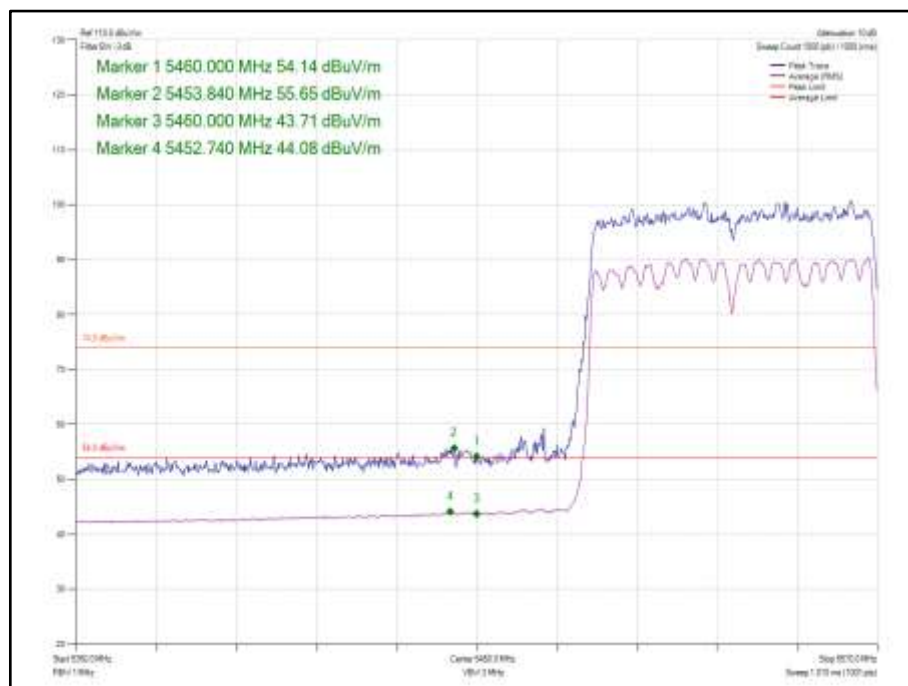
**Figure 190 - 802.11ax HE80 SDM, Cores 0-1, SU - 5290 MHz
Band Edge Frequency 5350 MHz**



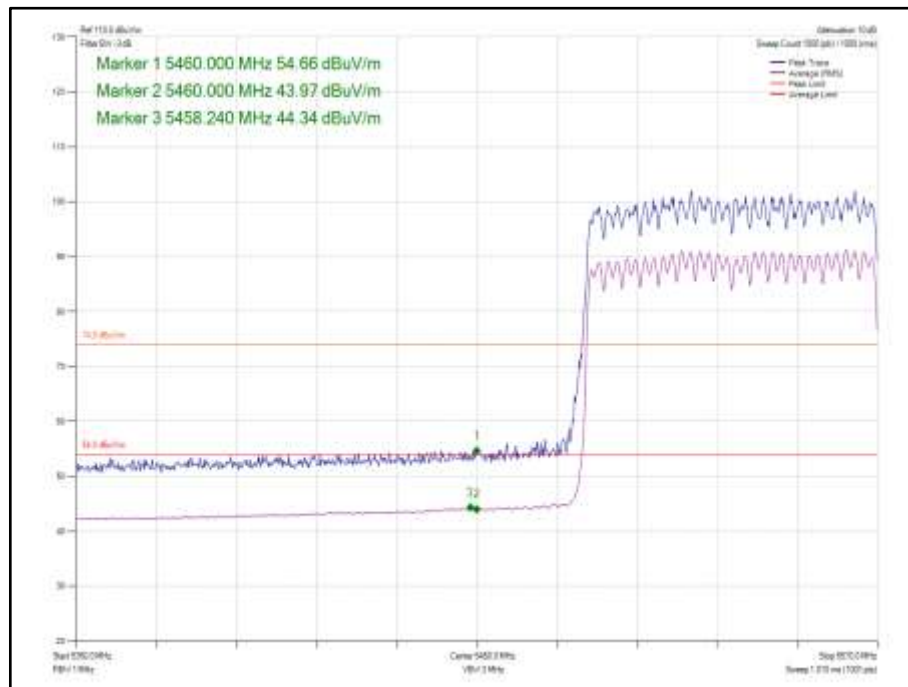
**Figure 191 - 802.11ax HE80 SDM, Cores 0-1, 26-36- 5290 MHz
Band Edge Frequency 5350 MHz**



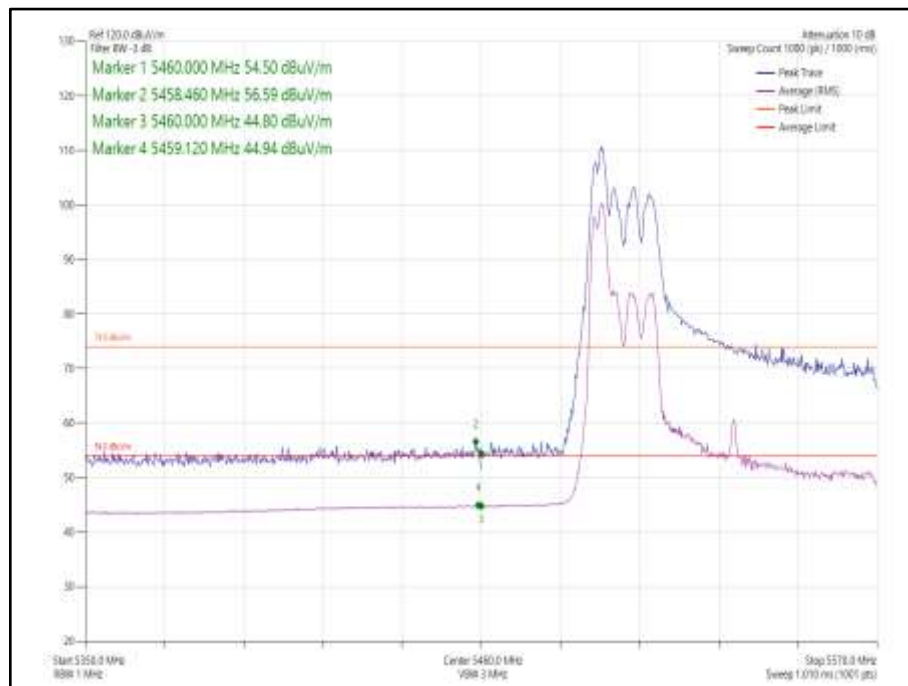
**Figure 192 - 802.11ac VHT80 CDD, Cores 0-1- 5530 MHz
Band Edge Frequency 5460 MHz**



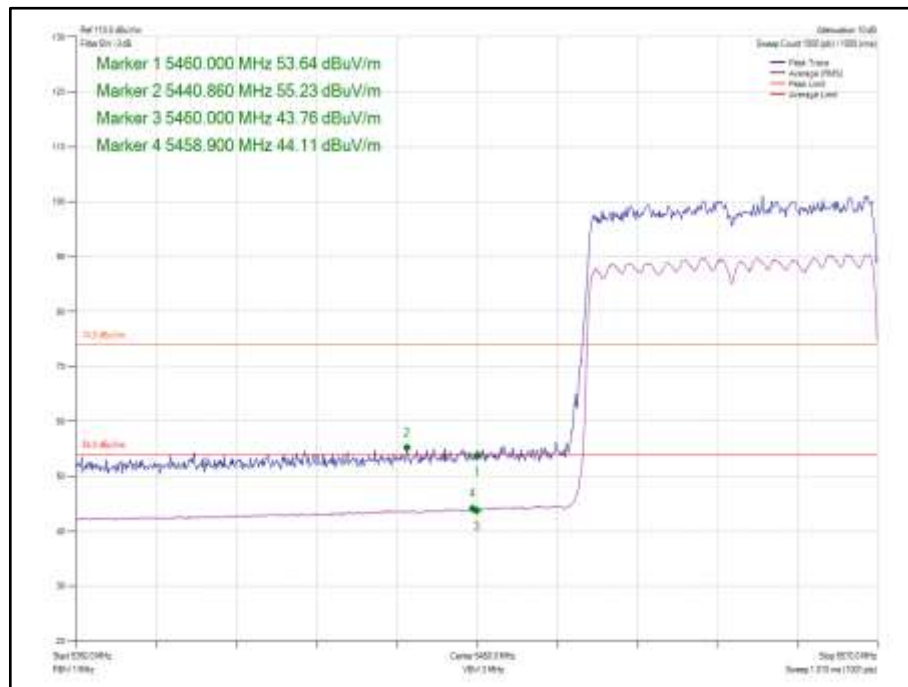
**Figure 193 - 802.11ac VHT80 SDM, Cores 0-1- 5530 MHz
Band Edge Frequency 5460 MHz**



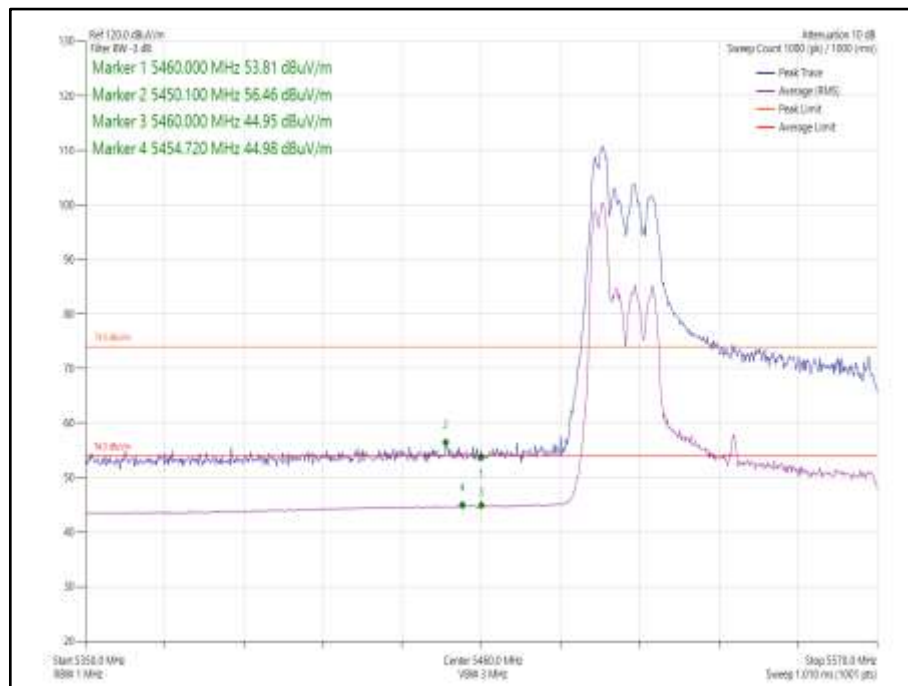
**Figure 194 - 802.11ax HE80 CDD, Cores 0-1, SU - 5530 MHz
Band Edge Frequency 5460 MHz**



**Figure 195 - 802.11ax HE80 CDD, Cores 0-1, 52-37 - 5530 MHz
Band Edge Frequency 5460 MHz**



**Figure 196 - 802.11ax HE80 SDM, Cores 0-1, SU - 5530 MHz
Band Edge Frequency 5460 MHz**



**Figure 197 - 802.11ax HE80 SDM, Cores 0-1, 52-37 - 5530 MHz
Band Edge Frequency 5460 MHz**



FCC 47 CFR Part 15, Limit Clause 15.205 and ISED RSS-GEN Limit Clause 8.10

	Peak (dBµV/m)	Average (dBµV/m)
Restricted Bands of Operation	74	54

Table 447 - Restricted Band Edge Limit Table

2.4.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 11.

Instrument	Manufacturer	Type No	TE No	Calibration Period (months)	Calibration Due
EMI Test Receiver	Rohde & Schwarz	ESW44	5084	12	28-Nov-2020
Cable (18 GHz)	Rosenberger	LU7-071-1000	5102	12	06-Oct-2020
Cable (18 GHz)	Rosenberger	LU7-071-1000	5103	12	06-Oct-2020
Cable (18 GHz)	Rosenberger	LU7-071-1000	5104	12	09-Dec-2020
EmX Emissions Software	TUV SUD	V1.6.3	5125	-	Software
Screened Room (11)	Rainford	Rainford	5136	36	01-Nov-2021
Mast	Maturo	TAM 4.0-P	5158	-	TU
Mast and Turntable Controller	Maturo	Maturo NCD	5159	-	TU
Turntable	Maturo	TT 15WF	5160	-	TU
Horn Antenna (1-10GHz)	Schwarzbeck	BBHA 9120 B	5215	12	10-Mar-2021
Pre Amp 1 - 26.5 GHz	Agilent Technologies	8449B	5445	12	06-May-2021
Thermo-Hygro-Barometer	PCE Instruments	PCE-THB-40	5475	12	17-Mar-2021
Attenuator 5W 10dB DC-18GHz	Aaren	AT40A-4041-D18-10	5494	12	14-Apr-2021
2m SMA Cable	Junkosha	MWX221-02000AMSAMS/A	5518	12	01-Apr-2021
8m N Type Cable	Junkosha	MWX221-08000NMSNMS/B	5522	12	24-Mar-2021

Table 448

TU - Traceability Unscheduled



2.5 Emission Bandwidth

2.5.1 Specification Reference

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

2.5.2 Equipment Under Test and Modification State

A2169, S/N: C07CM0F4Q4TG - Modification State 0

2.5.3 Date of Test

17-July-2020 to 09-November-2020

2.5.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 12.4.1 and 12.4.2 and ISDEC RSS-GEN, clause 4.6.1 and 4.6.2

For modes of operation using multiple cores, measurements were made on each core but only the worst case results are reported. Worst case was considered as the narrowest results for 6 dB bandwidth and the widest result for 26 dB bandwidth and 99% occupied bandwidth.

2.5.5 Environmental Conditions

Ambient Temperature	20.9 – 24.7 °C
Relative Humidity	41.4 - 58.9 %



2.5.6 Test Results

5 GHz WLAN

U-NII-1

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
26 dB Bandwidth (MHz)	21.180	21.180	21.240
99% Bandwidth (MHz)	16.571	16.570	16.572

Table 449 - 802.11a / 6 Mbps / SISO / Core 0 / Country Code US



Figure 198 - 5180 MHz - 26 dB Emission Bandwidth

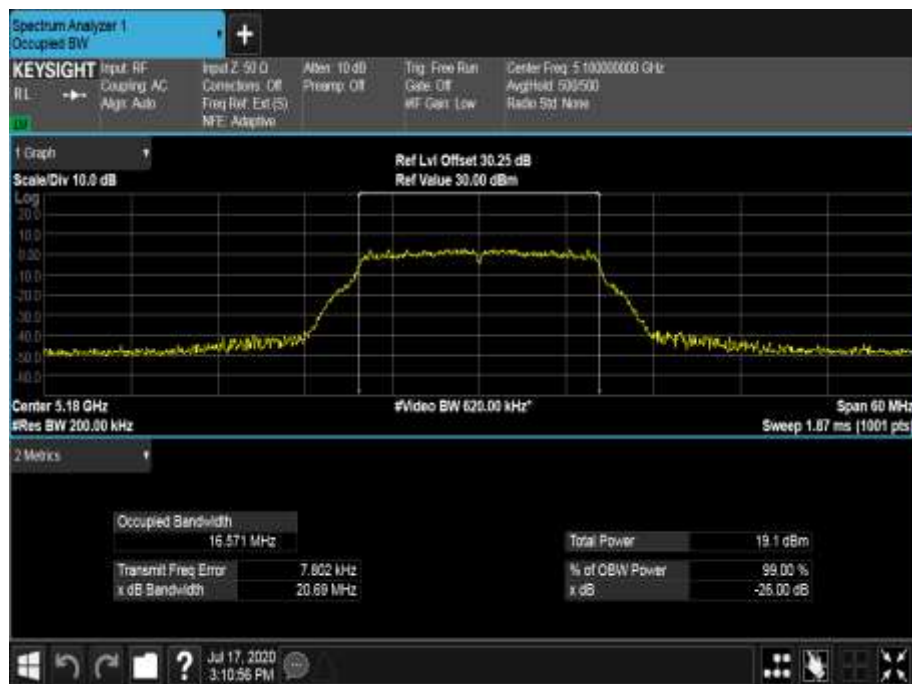


Figure 199 - 5180 MHz - 99% Occupied Bandwidth



Figure 200 - 5200 MHz - 26 dB Emission Bandwidth

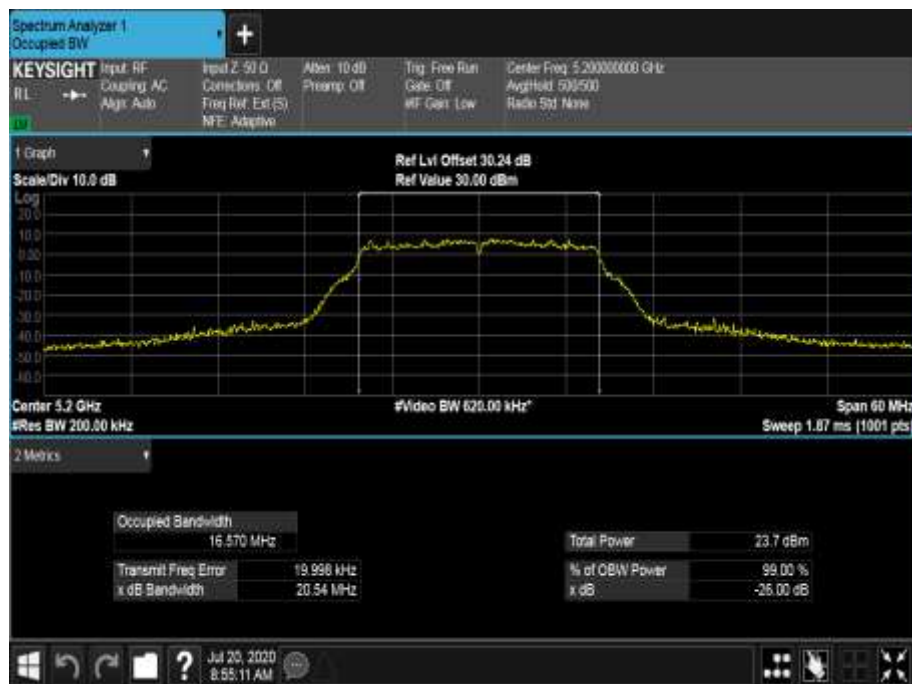


Figure 201 - 5200 MHz - 99% Occupied Bandwidth



Figure 202 - 5240 MHz - 26 dB Emission Bandwidth

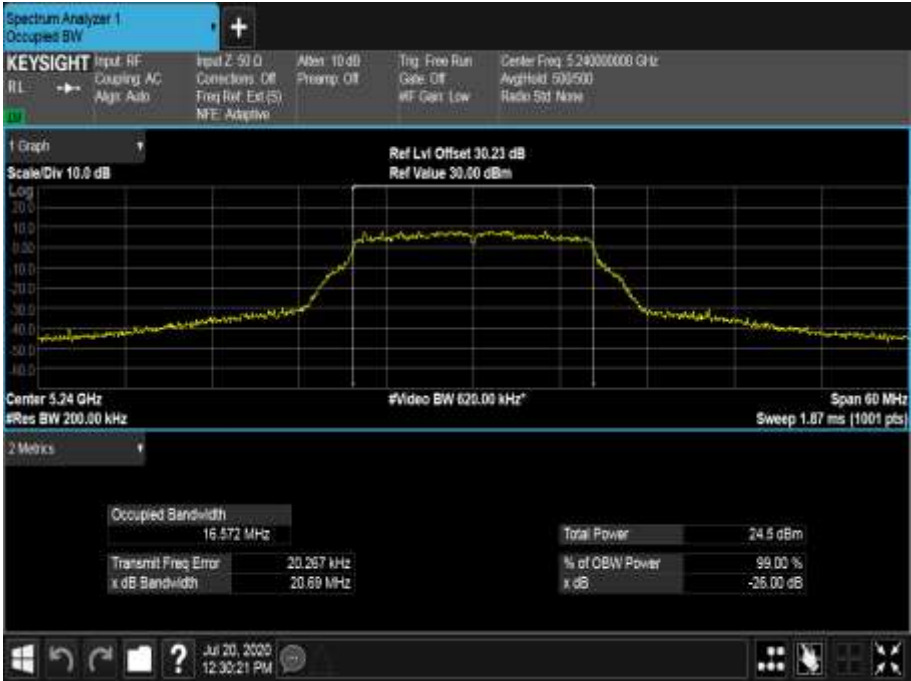


Figure 203 - 5240 MHz - 99% Occupied Bandwidth



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
26 dB Bandwidth (MHz)	21.120	21.180	21.180
99% Bandwidth (MHz)	16.562	16.576	16.554

Table 450 - 802.11a / 6 Mbps / SISO / Core 0 / Country Code CA



Figure 204 - 5180 MHz - 26 dB Emission Bandwidth

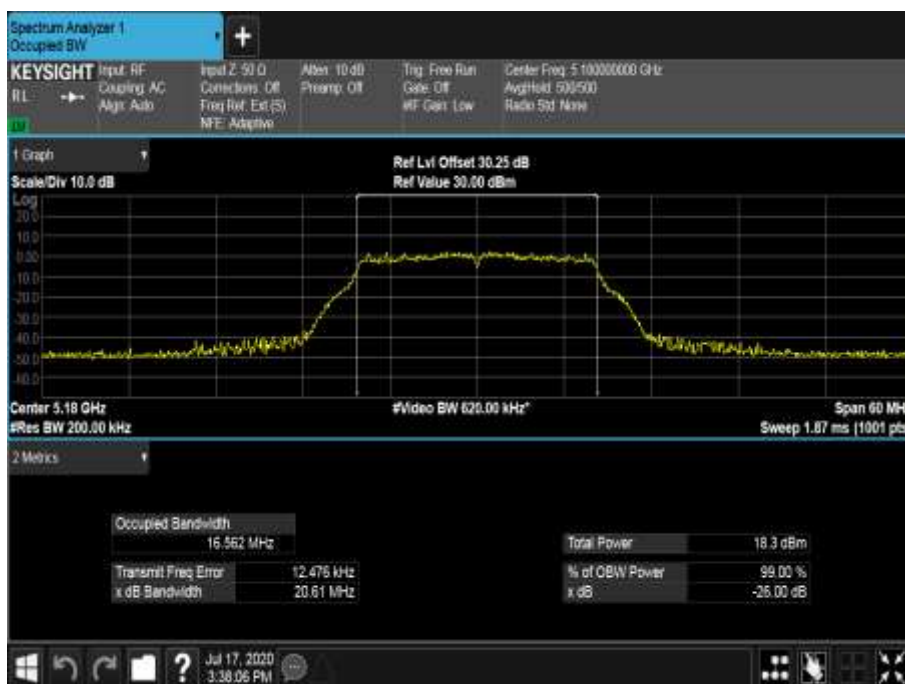


Figure 205 - 5180 MHz - 99% Occupied Bandwidth

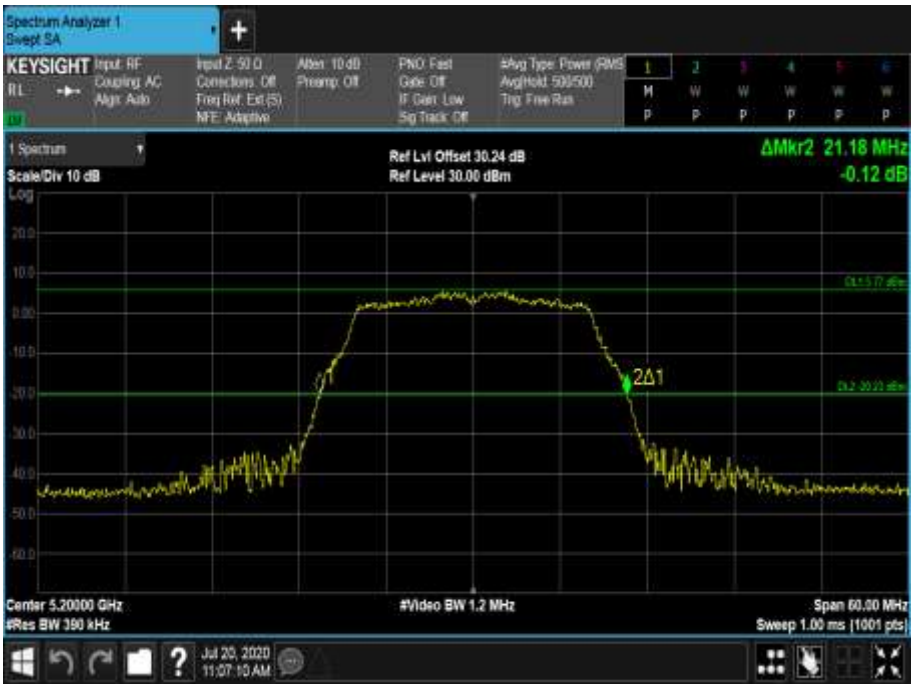


Figure 206 - 5200 MHz - 26 dB Emission Bandwidth



Figure 207 - 5200 MHz - 99% Occupied Bandwidth



Figure 208 - 5240 MHz - 26 dB Emission Bandwidth

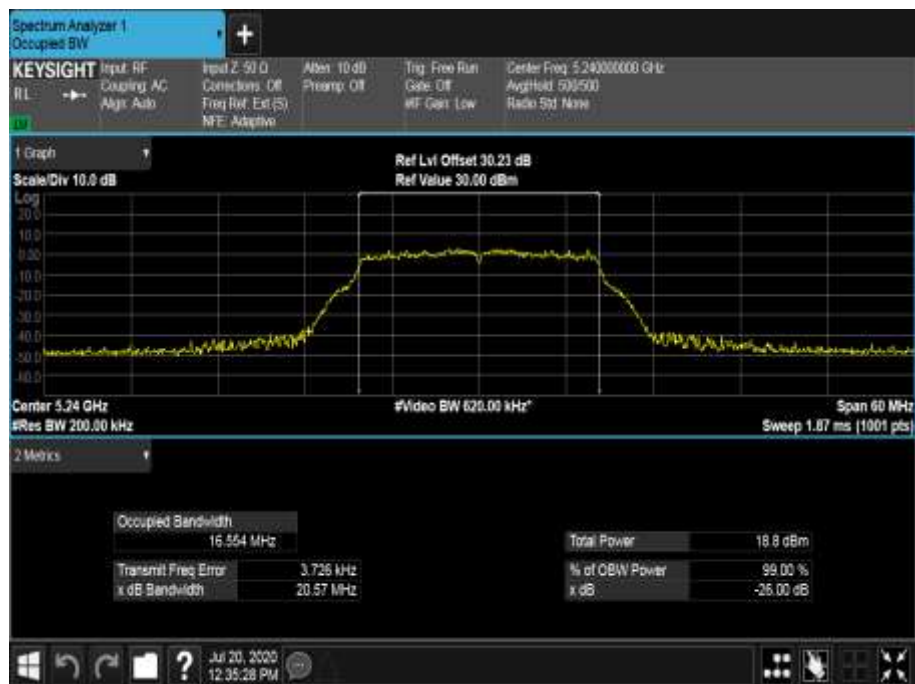


Figure 209 - 5240 MHz - 99% Occupied Bandwidth



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
26 dB Bandwidth (MHz)	21.240	21.840	22.560
99% Bandwidth (MHz)	16.574	17.793	17.797

Table 451 - 802.11n / HT20 MCS7 / SISO / Core 0 / Country Code US



Figure 210 - 5180 MHz - 26 dB Emission Bandwidth



Figure 211 - 5180 MHz - 99% Occupied Bandwidth



Figure 212 - 5200 MHz - 26 dB Emission Bandwidth

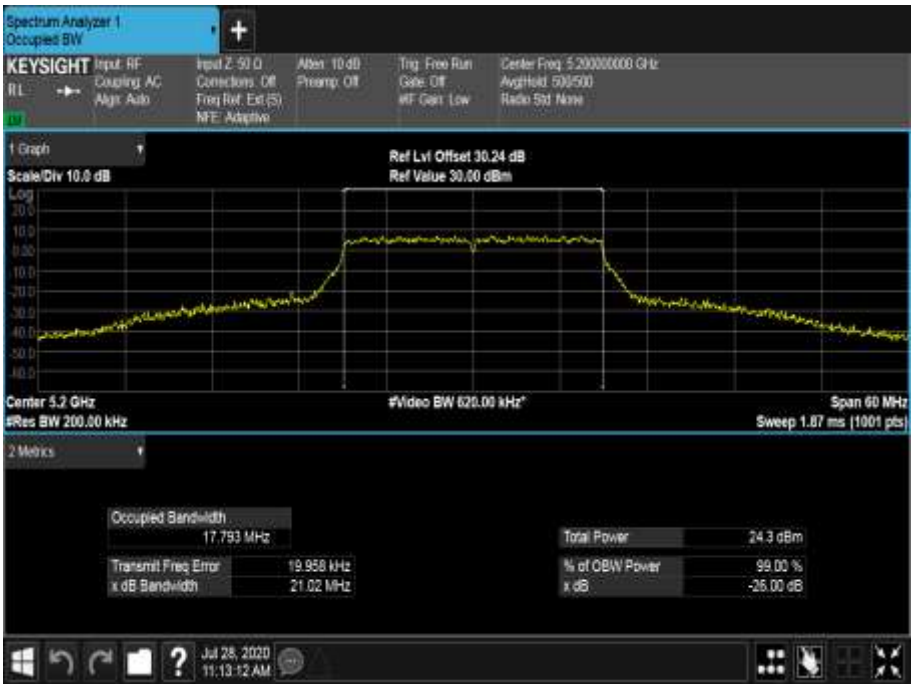


Figure 213 - 5200 MHz - 99% Occupied Bandwidth



Figure 214 - 5240 MHz - 26 dB Emission Bandwidth

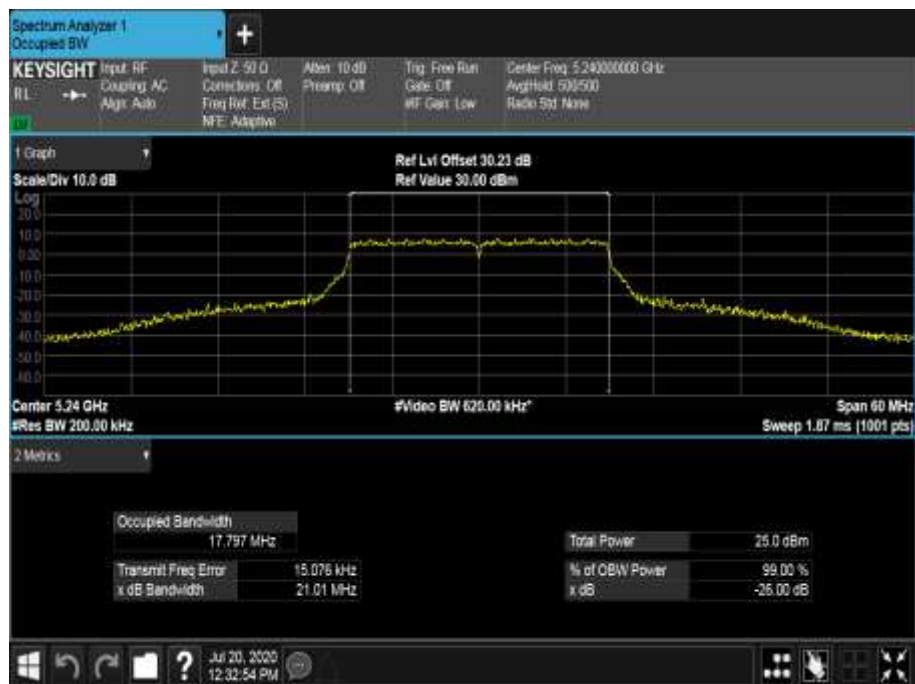


Figure 215 - 5240 MHz - 99% Occupied Bandwidth



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
26 dB Bandwidth (MHz)	21.360	21.360	21.600
99% Bandwidth (MHz)	16.566	17.755	17.755

Table 452 - 802.11n / HT20 MCS7 / SISO / Core 0 / Country Code CA



Figure 216 - 5180 MHz - 26 dB Emission Bandwidth



Figure 217 - 5180 MHz - 99% Occupied Bandwidth

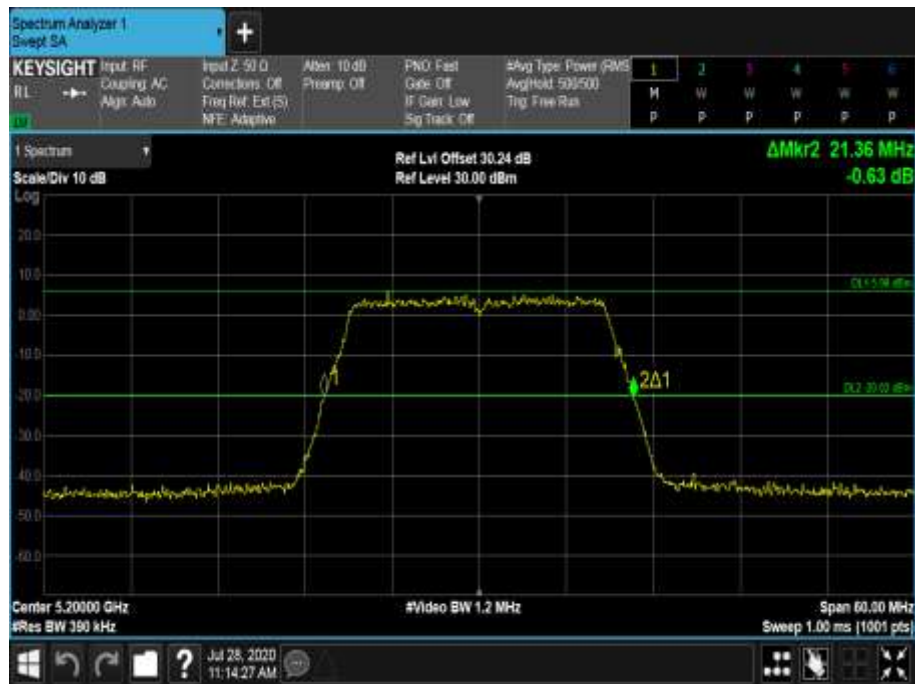


Figure 218 - 5200 MHz - 26 dB Emission Bandwidth

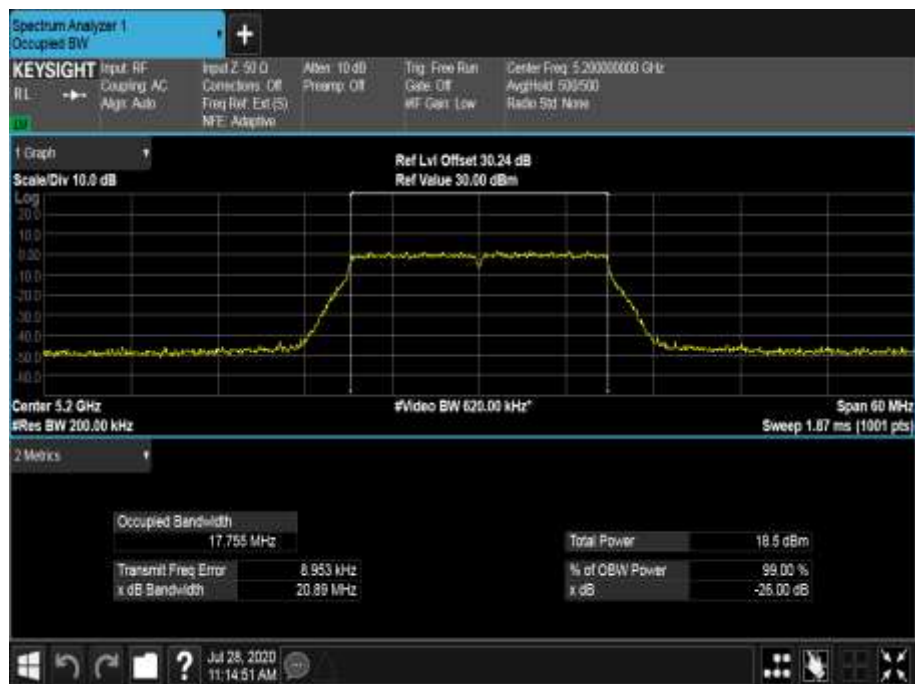


Figure 219 - 5200 MHz - 99% Occupied Bandwidth

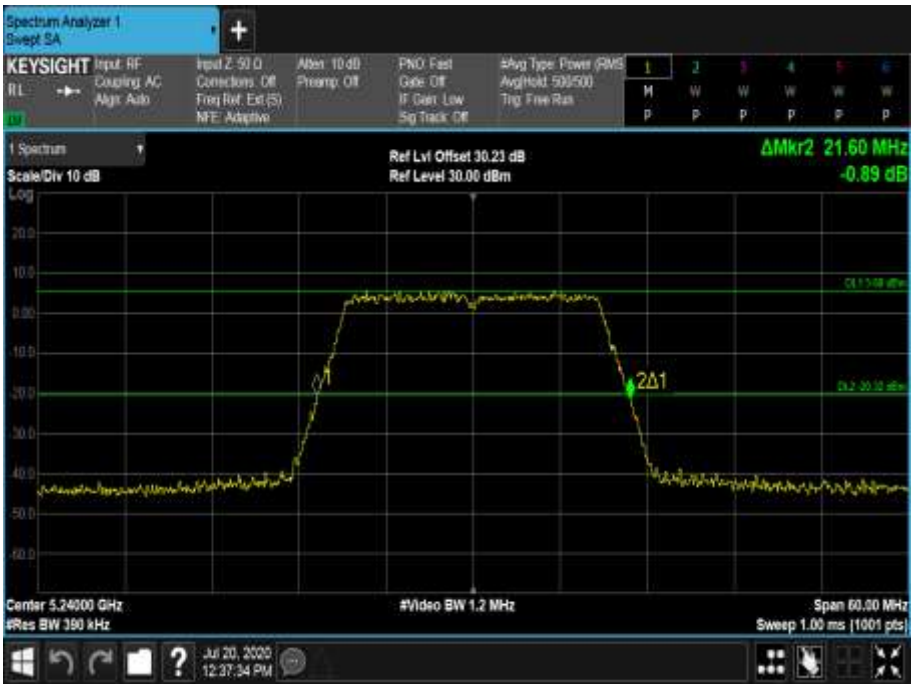


Figure 220 - 5240 MHz - 26 dB Emission Bandwidth



Figure 221 - 5240 MHz - 99% Occupied Bandwidth



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
26 dB Bandwidth (MHz)	21.600	21.780	21.480
99% Bandwidth (MHz)	17.772	17.768	17.788

Table 453 - 802.11n / HT20 MCS7 / MIMO CDD / Cores 0+1 / Country Code US

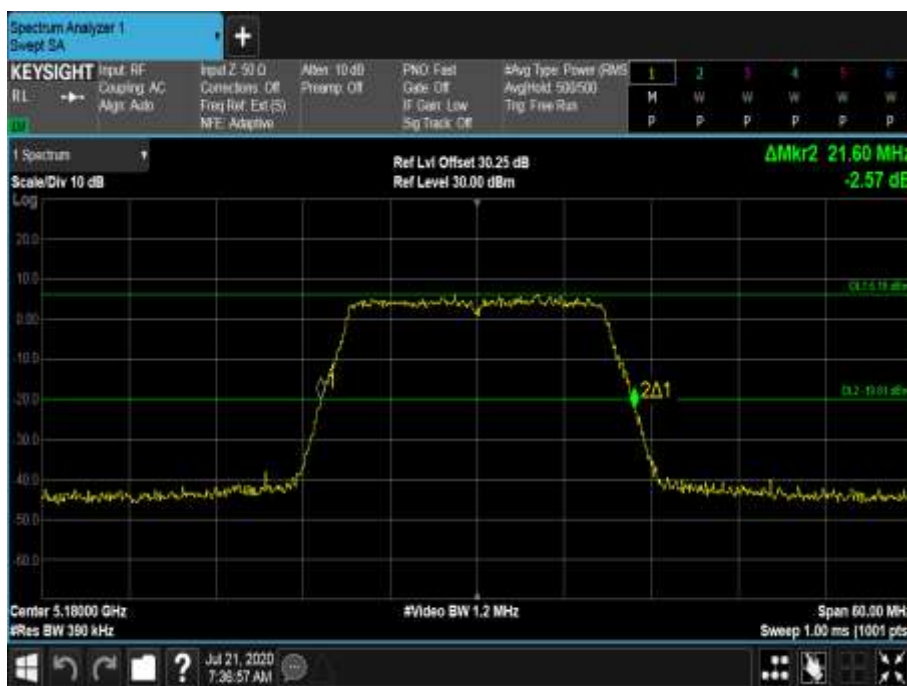
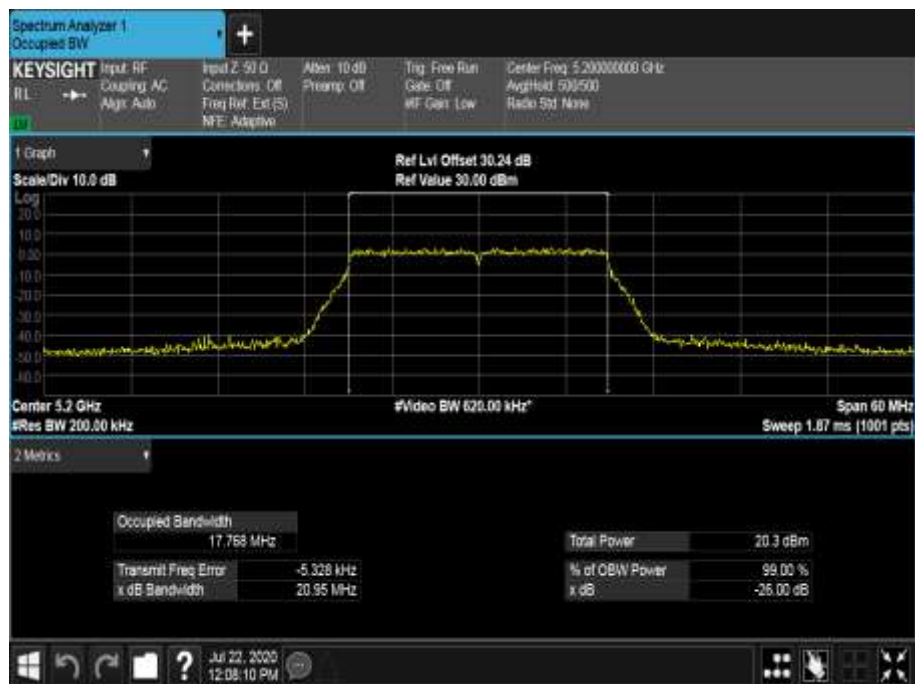
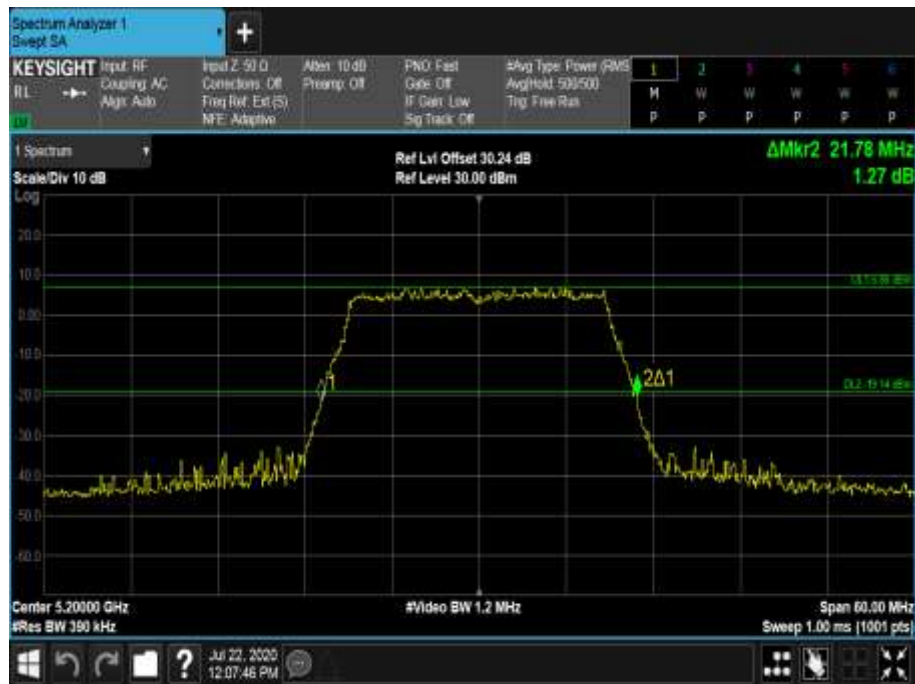


Figure 222 - 5180 MHz - 26 dB Emission Bandwidth



Figure 223 - 5180 MHz - 99% Occupied Bandwidth



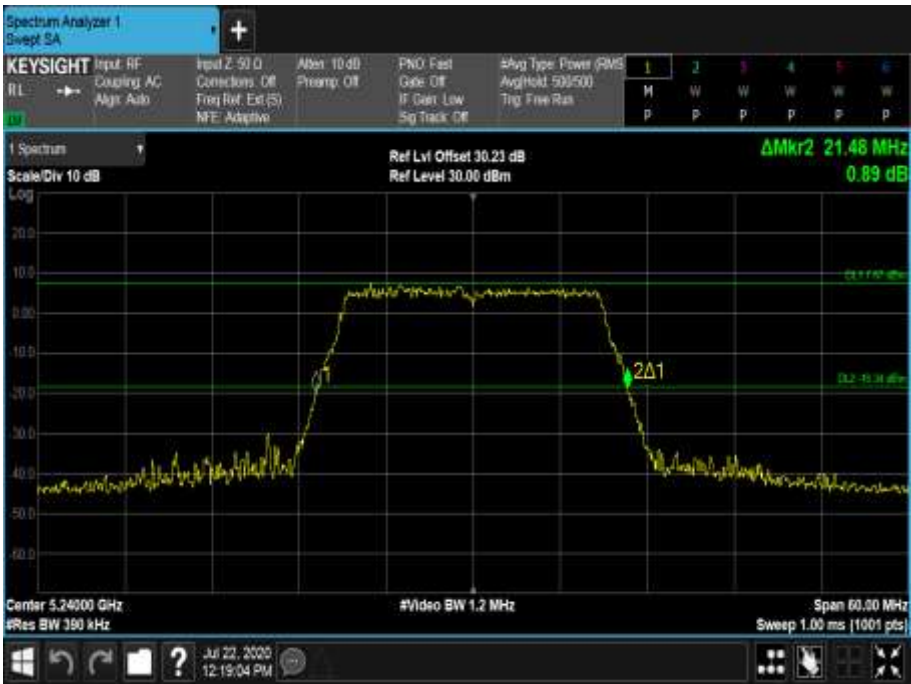


Figure 226 - 5240 MHz - 26 dB Emission Bandwidth



Figure 227 - 5240 MHz - 99% Occupied Bandwidth



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
26 dB Bandwidth (MHz)	21.420	21.480	21.540
99% Bandwidth (MHz)	17.774	17.772	17.762

Table 454 - 802.11n / HT20 MCS7 / MIMO CDD / Cores 0+1 / Country Code CA

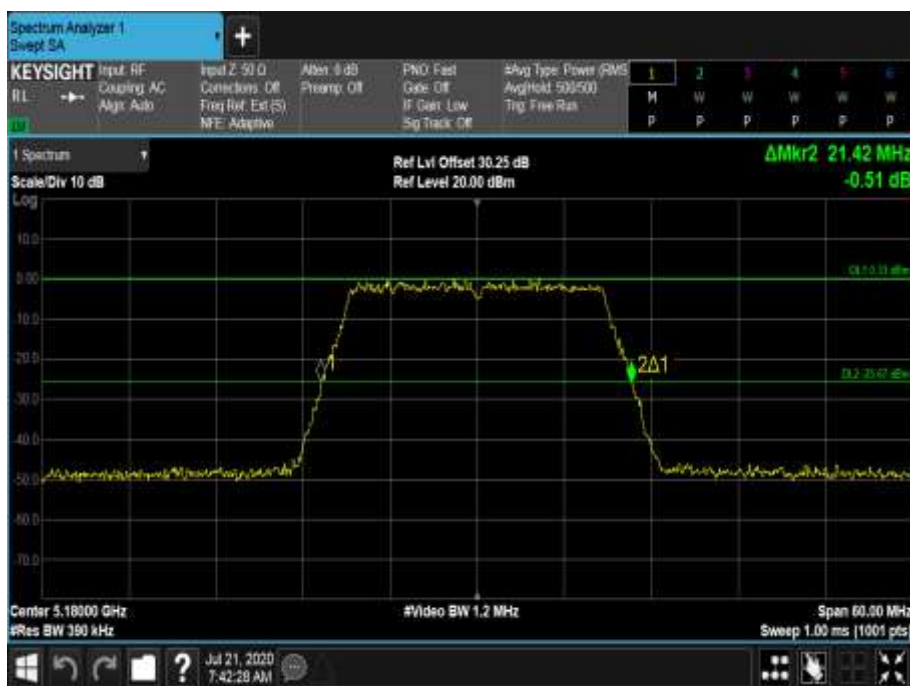


Figure 228 - 5180 MHz - 26 dB Emission Bandwidth



Figure 229 - 5180 MHz - 99% Occupied Bandwidth

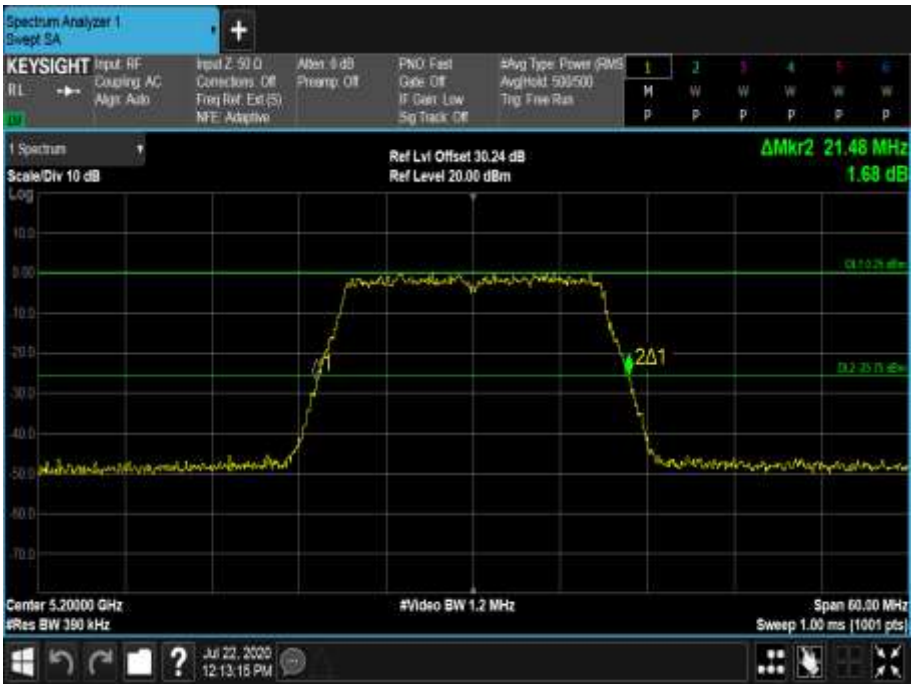


Figure 230 - 5200 MHz - 26 dB Emission Bandwidth



Figure 231 - 5200 MHz - 99% Occupied Bandwidth



Figure 232 - 5240 MHz - 26 dB Emission Bandwidth

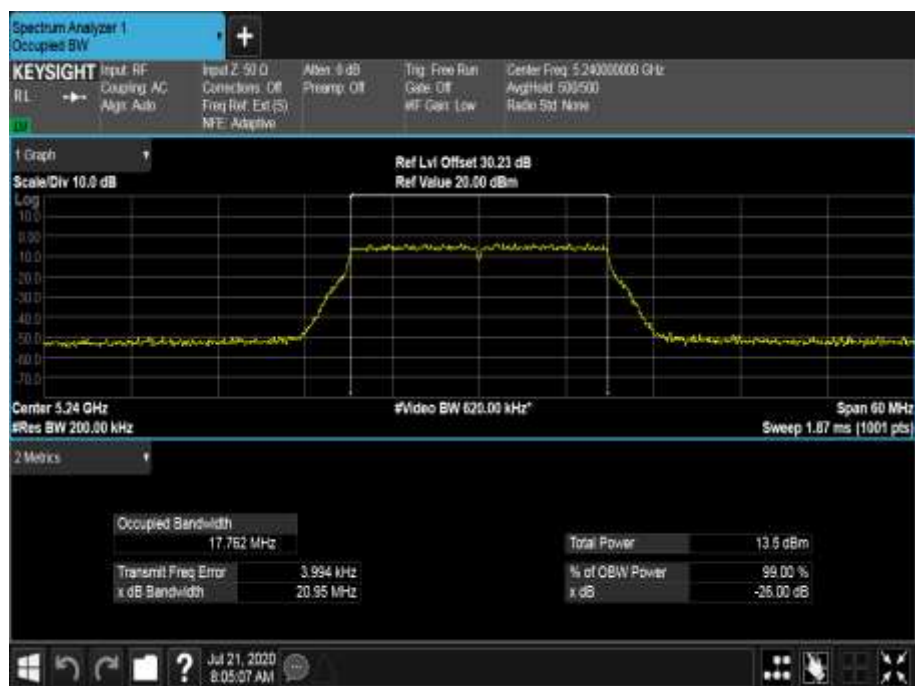


Figure 233 - 5240 MHz - 99% Occupied Bandwidth



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
26 dB Bandwidth (MHz)	21.540	21.540	21.540
99% Bandwidth (MHz)	17.766	17.791	17.805

Table 455 - 802.11n / HT20 MCS15 / MIMO SDM / Cores 0+1 / Country Code US

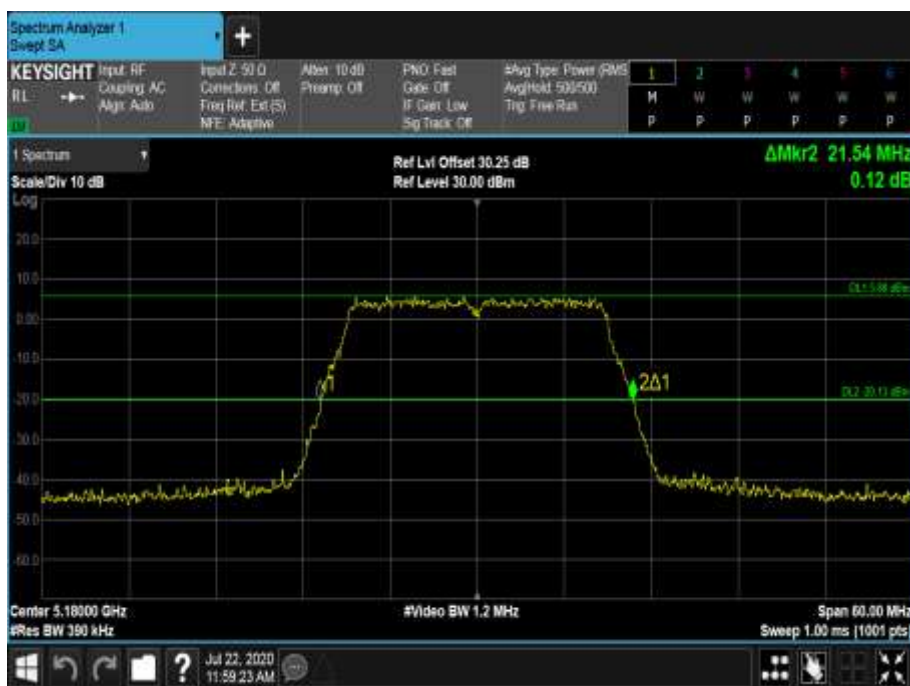


Figure 234 - 5180 MHz - 26 dB Emission Bandwidth



Figure 235 - 5180 MHz - 99% Occupied Bandwidth





Figure 238 - 5240 MHz - 26 dB Emission Bandwidth



Figure 239 - 5240 MHz - 99% Occupied Bandwidth



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
26 dB Bandwidth (MHz)	21.720	21.480	21.540
99% Bandwidth (MHz)	17.795	17.756	17.781

Table 456 - 802.11n / HT20 MCS15 / MIMO SDM / Cores 0+1 / Country Code CA

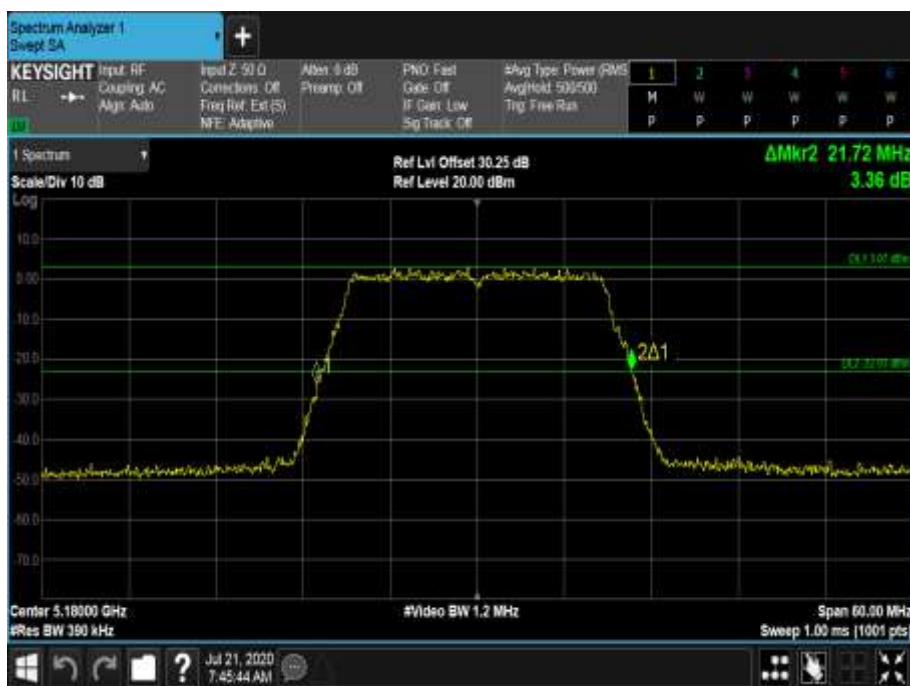


Figure 240 - 5180 MHz - 26 dB Emission Bandwidth

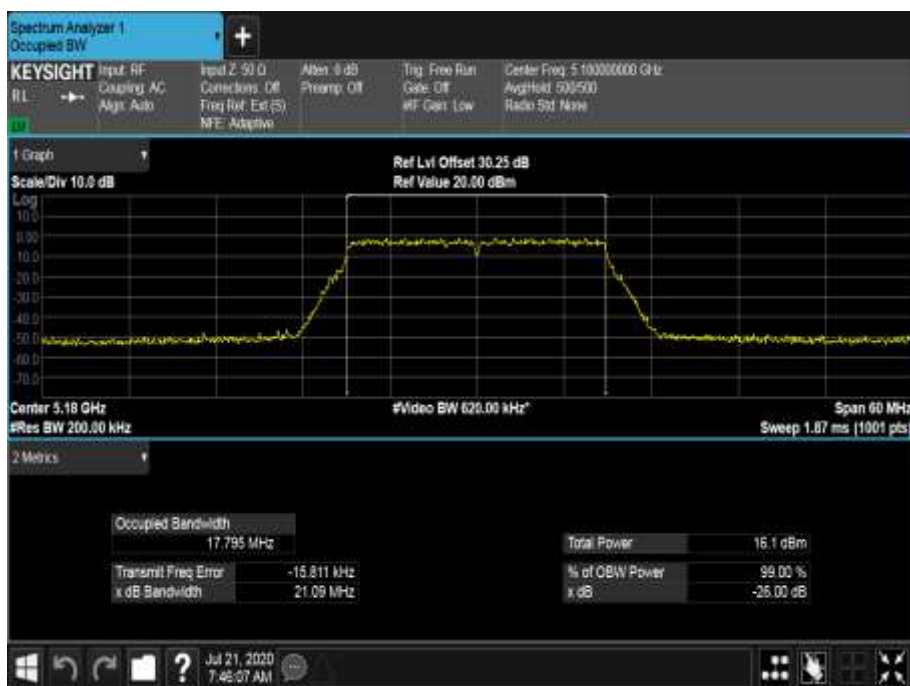


Figure 241 - 5180 MHz - 99% Occupied Bandwidth

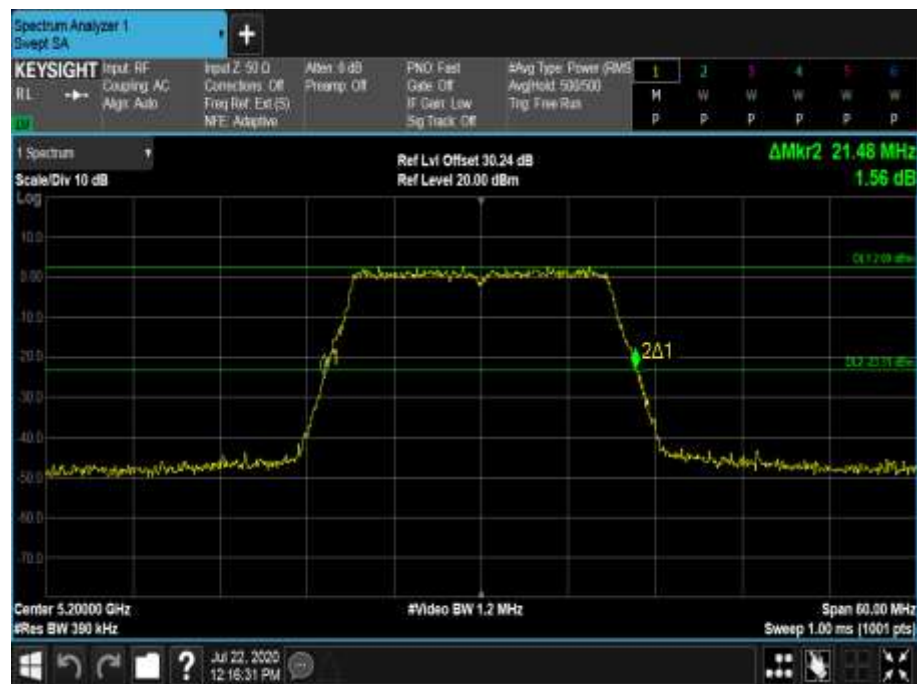


Figure 242 - 5200 MHz - 26 dB Emission Bandwidth



Figure 243 - 5200 MHz - 99% Occupied Bandwidth

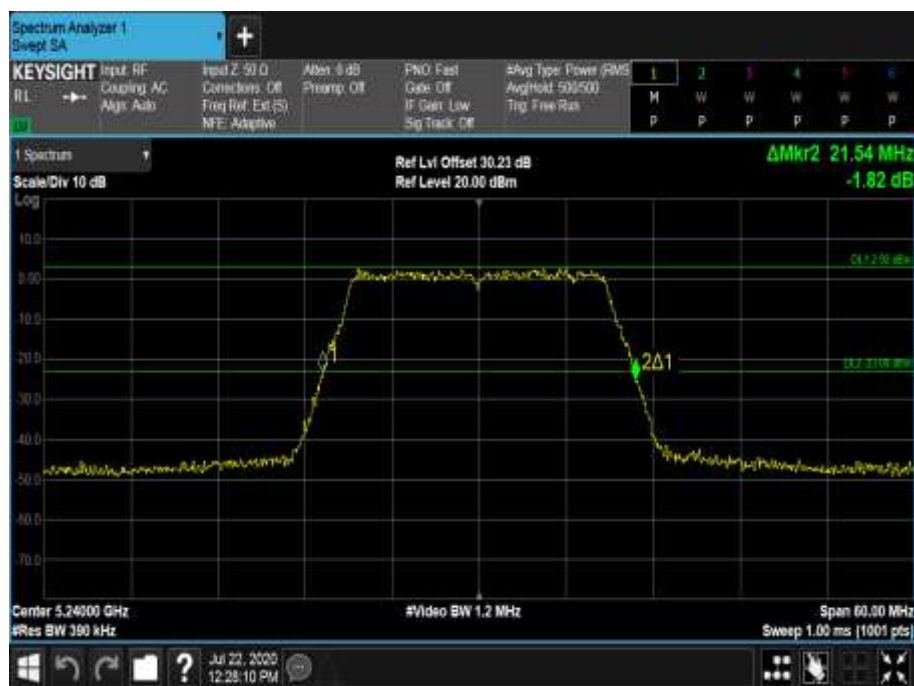


Figure 244 - 5240 MHz - 26 dB Emission Bandwidth

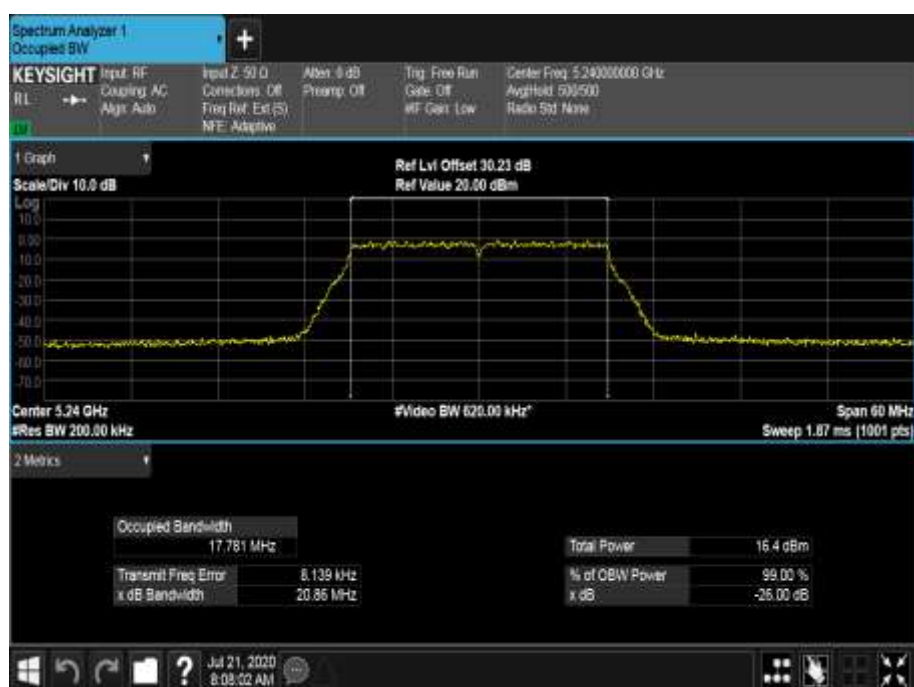


Figure 245 - 5240 MHz - 99% Occupied Bandwidth



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
26 dB Bandwidth (MHz)	21.600	22.140	21.840
99% Bandwidth (MHz)	19.005	19.025	19.024

Table 457 - 802.11ax / HE20 MCS7x1 / SU / SISO / Core 0 / Country Code US

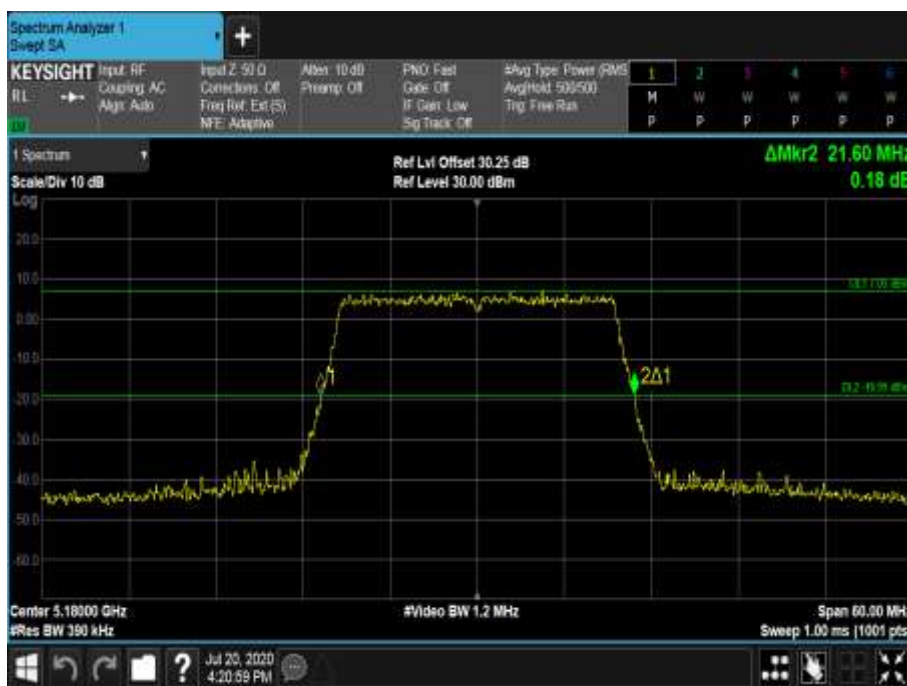


Figure 246 - 5180 MHz - 26 dB Emission Bandwidth



Figure 247 - 5180 MHz - 99% Occupied Bandwidth



Figure 248 - 5200 MHz - 26 dB Emission Bandwidth



Figure 249 - 5200 MHz - 99% Occupied Bandwidth



Figure 250 - 5240 MHz - 26 dB Emission Bandwidth



Figure 251 - 5240 MHz - 99% Occupied Bandwidth



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
26 dB Bandwidth (MHz)	21.480	21.540	21.660
99% Bandwidth (MHz)	18.976	18.992	18.999

Table 458 - 802.11ax / HE20 MCS7x1 / SU / SISO / Core 0 / Country Code CA

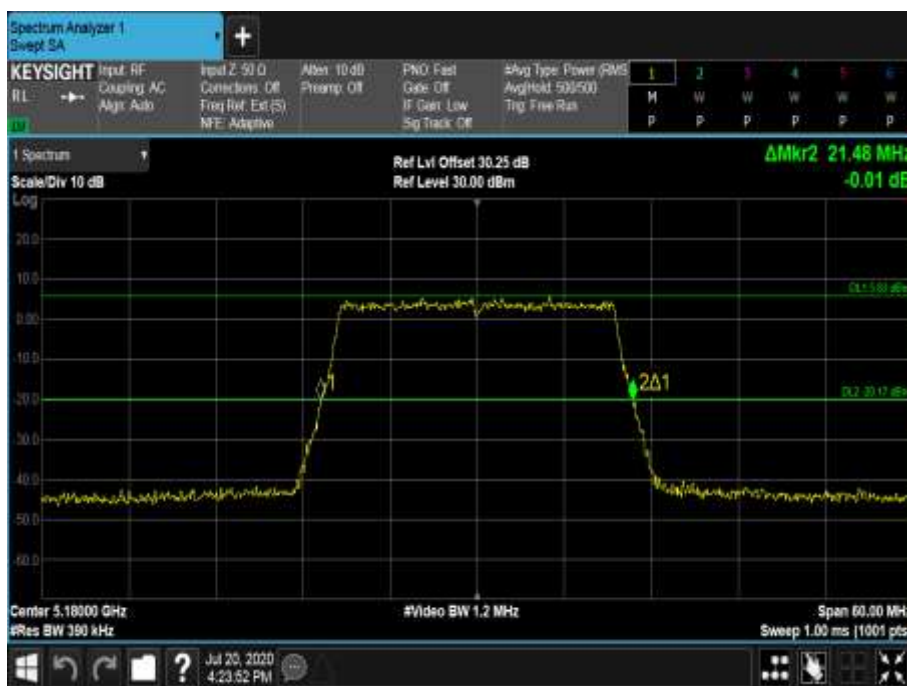


Figure 252 - 5180 MHz - 26 dB Emission Bandwidth



Figure 253 - 5180 MHz - 99% Occupied Bandwidth

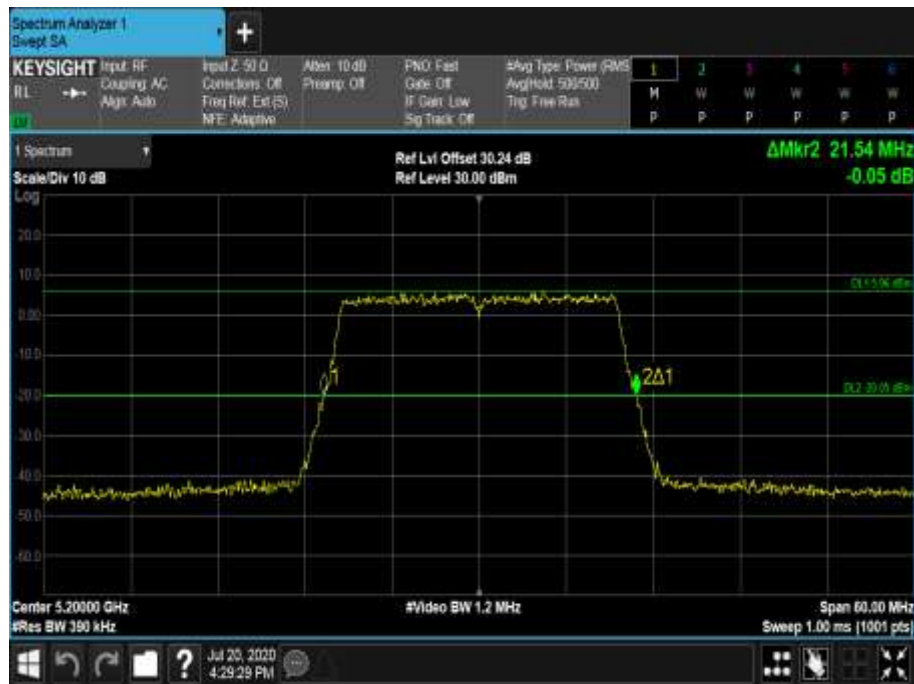




Figure 256 - 5240 MHz - 26 dB Emission Bandwidth



Figure 257 - 5240 MHz - 99% Occupied Bandwidth



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
26 dB Bandwidth (MHz)	20.460	20.520	20.400
99% Bandwidth (MHz)	18.315	18.328	18.303

Table 459 - 802.11ax / HE20 MCS7x1 / RU 26-0 / SISO / Core 0 / Country Code US

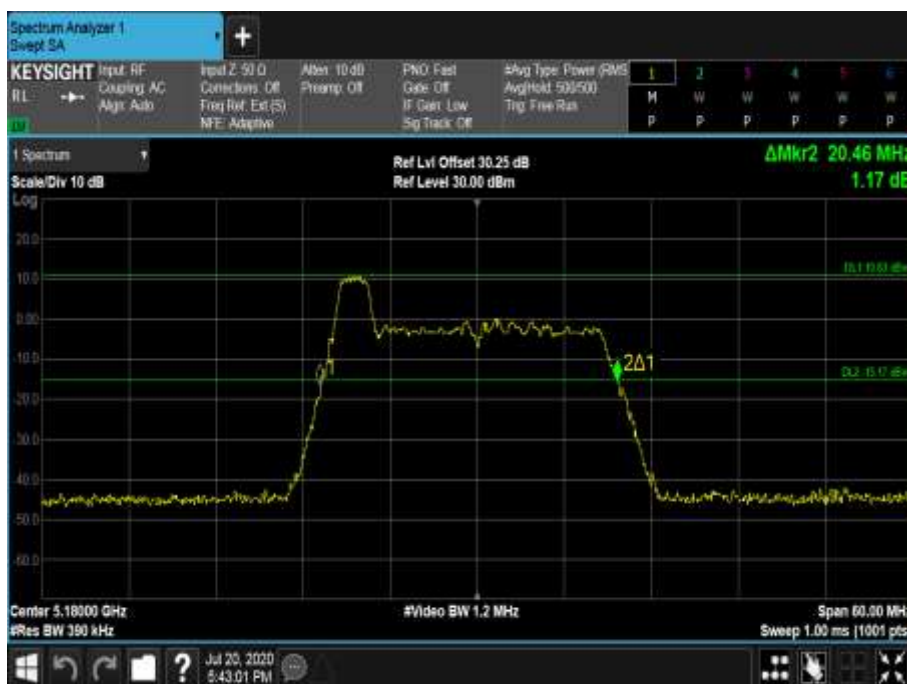


Figure 258 - 5180 MHz - 26 dB Emission Bandwidth



Figure 259 - 5180 MHz - 99% Occupied Bandwidth



Figure 260 - 5200 MHz - 26 dB Emission Bandwidth



Figure 261 - 5200 MHz - 99% Occupied Bandwidth

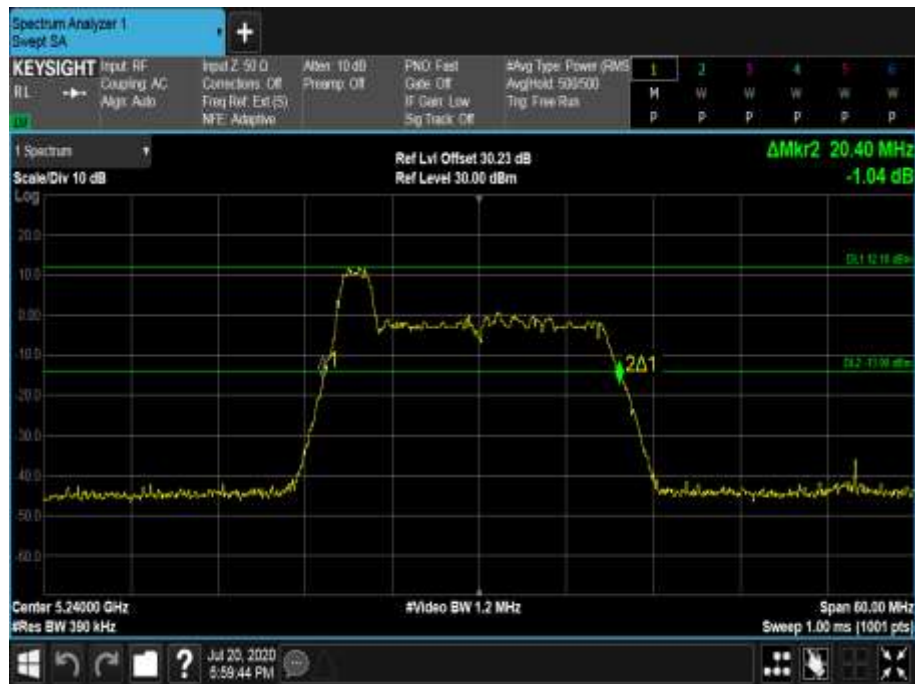


Figure 262 - 5240 MHz - 26 dB Emission Bandwidth



Figure 263 - 5240 MHz - 99% Occupied Bandwidth

Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
26 dB Bandwidth (MHz)	20.400	20.400	20.460
99% Bandwidth (MHz)	18.280	18.336	18.326

Table 460 - 802.11ax / HE20 MCS7x1 / RU 26-0 / SISO / Core 0 / Country Code CA

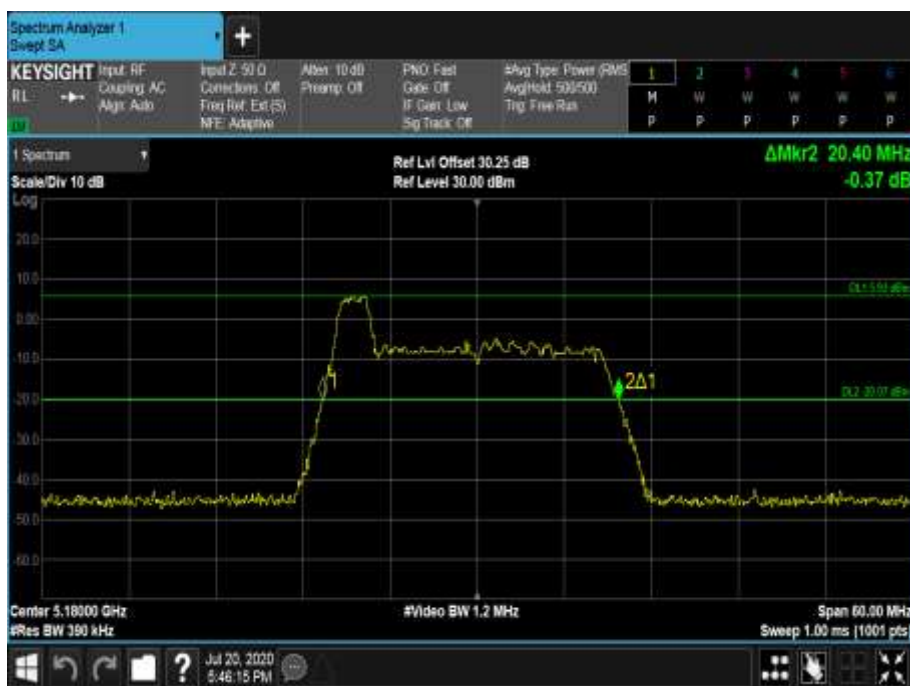


Figure 264 - 5180 MHz - 26 dB Emission Bandwidth



Figure 265 - 5180 MHz - 99% Occupied Bandwidth



Figure 266 - 5200 MHz - 26 dB Emission Bandwidth



Figure 267 - 5200 MHz - 99% Occupied Bandwidth



Figure 268 - 5240 MHz - 26 dB Emission Bandwidth

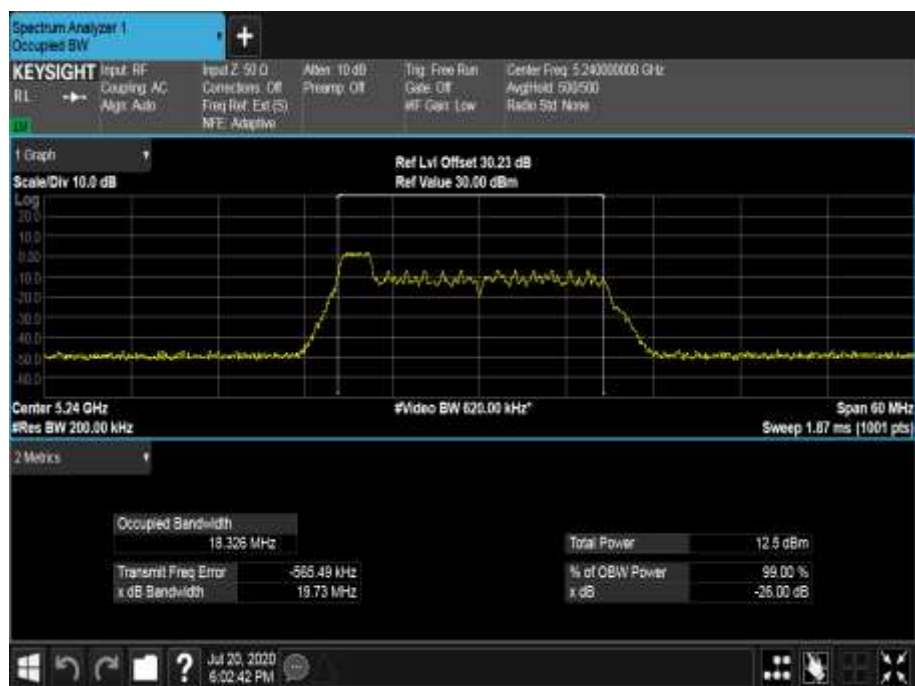


Figure 269 - 5240 MHz - 99% Occupied Bandwidth



Channel	Bottom	Middle	Top
Frequency (MHz)	5180	5200	5240
26 dB Bandwidth (MHz)	20.820	20.760	20.820
99% Bandwidth (MHz)	18.526	18.469	18.483

Table 461 - 802.11ax / HE20 MCS7x1 / RU 26-8 / SISO / Core 0 / Country Code US

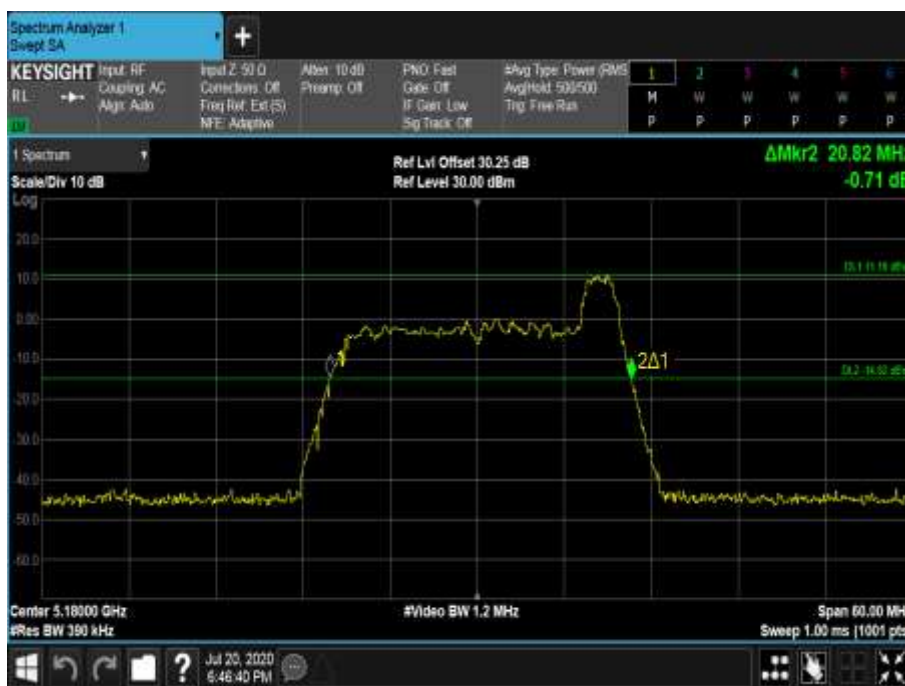


Figure 270 - 5180 MHz - 26 dB Emission Bandwidth



Figure 271 - 5180 MHz - 99% Occupied Bandwidth