

FCC and ISED Test Report

Apple Inc
Model: A3428



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

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FCC ID: BCGA3428

IC: 579C-A3428

COMMERCIAL-IN-CONFIDENCE

Document 75963993-15 Issue 01



SIGNATURE

NAME	JOB TITLE	RESPONSIBLE FOR	ISSUE DATE
Andreas Euripidou	Senior Engineer	Authorised Signatory	04 February 2026

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 15C, 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
Report Generation	Rachael Watkins	04 February 2026	

FCC Accreditation

553713/UK2026 Concorde Park, Fareham Test Laboratory

ISED Accreditation

28798/UK0003 Concorde Park, Fareham Test Laboratory

EXECUTIVE SUMMARY

A sample of this product was tested and found to be compliant with FCC 47 CFR Part 15C: 2024, ISED RSS-247: Issue 4 (2025-07), ISED RSS-GEN: Issue 5 (2018-04) + A2 (2021-02) 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	04 February 2026

Table 1

1.2 Introduction

Applicant	Apple Inc
Manufacturer	Apple Inc
EUT/Sample Identification	Refer to section 1.6
Test Specification/Issue/Date	FCC 47 CFR Part 15C: 2024 ISED RSS-247: Issue 4 (2025-07) ISED RSS-GEN: Issue 5 (2018-04) + A2 (2021-02)
Start of Test	09-October-2025
Finish of Test	27-January-2026
Name of Engineer(s)	Obina Eze, Arjun Sasikumar, Tony Baby, Ahmed Al Derdiri, Manohar Thota, Gridi Bilali, Ian Hart, Arjun Sasikumar, Morsalin Hossain, Dulanjan Witharamalage
Related Document(s)	ANSI C63.10-2020 +Cor.1-2023+C63.10a-2024 KDB 662911 D01 v02r01



1.3 Brief Summary of Results

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

Section	Specification Clause			Test Description	Result	Comments/Base Standard
	Part 15C	RSS-247	RSS-GEN			
Configuration and Mode: 2.4 GHz WLAN						
-	15.203	-	-	Antenna Requirement	N/T	The device complies with the provisions of this section, as it uses permanently attached integral antennas.
2.1	15.205	2.4	8.10	Restricted Band Edges	Pass	ANSI C63.10 (2020) +Cor.1-2023+C63.10a-2024
2.2	15.247 (a)(2)	6.3.1	6.7	Emission Bandwidth	Pass	ANSI C63.10 (2020) +Cor.1-2023+C63.10a-2024
2.3	15.247 (b)	6.3.2	6.12	Maximum Conducted Output Power	Pass	ANSI C63.10 (2020) +Cor.1-2023+C63.10a-2024 KDB 662911 D01 v02r01
2.4	15.247 (d)	6.6	-	Authorised Band Edges	Pass	ANSI C63.10 (2020) +Cor.1-2023+C63.10a-2024
2.5	15.209 and 15.247 (d)	2.4 and 6.6	6.13 and 8.9	Spurious Radiated Emissions	Pass	ANSI C63.10 (2020) +Cor.1-2023+C63.10a-2024
2.6	15.247 (e)	6.3.1	6.12	Power Spectral Density	Pass	ANSI C63.10 (2020) +Cor.1-2023+C63.10a-2024 KDB 662911 D01 v02r01

Table 2



1.4 Product Information

1.4.1 Technical Description

The equipment under test (EUT) was a portable laptop computer.

1.4.2 Test Modes

The EUT's 2.4 GHz 802.11 radio supports SISO (Single Input/Single Output) and 2x2 MIMO (Multiple Input/Multiple Output) for 20 MHz channel bandwidths only, as detailed in the table below.

802.11 Mode	SISO	CDD	STBC	SDM	TxBF	Multi-user Subcarriers (not supported for TxBF mode)
802.11b	1-11 Mbps	-	-	-	-	-
802.11g	6-54 Mbps	6-54 Mbps	-	-	-	-
802.11n	MCS0-7	MCS0-7	MCS0-7	MCS8-15	MCS0-7	-
802.11ac	MCS0-8x1	MCS0-8x1	MCS0-8x1	MCS0-8x2	MCS0-8x1	-
802.11ax	MCS0-11x1	MCS0-11x1	MCS0-11x1	MCS0-11x2	MCS0-11x1	26/52/106/242
802.11be	MCS0-13x1	MCS0-13x1	MCS0-13x1	MCS0-13x2	MCS0-13x1	26/52/106/242/26+106/52+106

Table 3

The EUT uses different output powers per core, dependent on how many cores are used.

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 may differ.

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

SISO Modes (Core 0 and Core 1)

- 802.11b (1 Mbps)
- 802.11g (12 Mbps)
- 802.11n HT20 (MCS2)
- 802.11ax HE20 SU (MCS2x1)
- 802.11ax HE20 MU RU26/52/106 (MCS2x1)
- 802.11be EHT20 MU RU52+26/106+26 (MCS2x1)

2x2 MIMO Modes (Core 0 + Core 1):

- 802.11g - CDD (12 Mbps)
- 802.11n HT20 - CDD (MCS2) and SDM (MCS10)
- 802.11ac VHT20 - TxBF (MCS2x1)
- 802.11ax HE20 SU - CDD (MCS2x1), SDM (MCS2x2), and TxBF (MCS2x1)
- 802.11ax HE20 MU RU26/52/106 - CDD (MCS2x1) and SDM (MCS2x2)
- 802.11be EHT20 MU RU52+26/106+26 - CDD (MCS2x1) and SDM (MCS2x2)

Note: The RU offset for bottom and middle channels were placed in the lowest position and on the top channel, the offset was placed in the upper most position.



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 was known and compensated for in any conducted measurements.

For all tests, the EUT was put into a continuous transmit test mode with the chipset manufacturer's test commands. 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.

All testing was performed with the EUT powered via a 120 V AC, 60 Hz source.

1.4.4 Antenna Gain Table

Antenna Port	Frequency Range (MHz)	Peak Gain (dBi)	Conducted Cable Loss (dB)
Core 0 (WF1)	2412	4.9	0.71
	2442	5.8	0.71
	2472	5.7	0.71
Core 1 (WF2)	2412	1.8	0.71
	2442	2.0	0.71
	2472	2.2	0.71

Table 4

1.5 Deviations from the Standard

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

1.6 Identification of the EUT

The table below details identification of the EUT(s) that have been used to carry out the testing within this report.

Model: A3428		
Serial Number	Hardware Version	Software Version
FF9MP4FP2G	REV1.0	25D36
GJM3XKXYGQ	REV1.0	25D36
GT6RH79JJQ	REV1.0	25D36
L61HW7H962	REV1.0	25D43
G9F4Y6NJ31	REV1.0	25D36
DJQ7J7L5JK	REV1.0	25D36

Table 5



1.7 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: A3428, Serial Number: FF9MP4FP2G			
0	As supplied by the customer	Not Applicable	Not Applicable
Model: A3428, Serial Number: GJM3XKXYGQ			
0	As supplied by the customer	Not Applicable	Not Applicable
Model: A3428, Serial Number: GT6RH79JJQ			
0	As supplied by the customer	Not Applicable	Not Applicable
Model: A3428, Serial Number: L61HW7H962			
0	As supplied by the customer	Not Applicable	Not Applicable
Model: A3428, Serial Number: G9F4Y6NJ31			
0	As supplied by the customer	Not Applicable	Not Applicable
Model: A3428, Serial Number: DJQ7J7L5JK			
0	As supplied by the customer	Not Applicable	Not Applicable

Table 6



1.8 Test Location

TÜV SÜD conducted the following tests at our Concorde Park Test Laboratory.

Test Name	Name of Engineer(s)	Accreditation
Configuration and Mode: 2.4 GHz WLAN		
Restricted Band Edges	Tony Baby, Ahmed Al Derdiri, Manohar Thota, Gridi Bilali, Ian Hart	UKAS
Emission Bandwidth	Arjun Sasikumar	UKAS
Maximum Conducted Output Power	Obinna Eze, Arjun Sasikumar	UKAS
Authorised Band Edges	Tony Baby, Ahmed Al Derdiri, Manohar Thota, Gridi Bilali, Ian Hart	UKAS
Spurious Radiated Emissions	Ahmed Al Derdiri, Ian Hart, Gridi Bilali, Morsalin Hossain, Dulanjan Witharamalage	UKAS
Power Spectral Density	Obina Eze, Arjun Sasikumar	UKAS

Table 7

Office Address:

TÜV SÜD
Concorde Park
Concorde Way
Fareham
Hampshire
PO15 5FG
United Kingdom



2 Test Details

2.1 Restricted Band Edges

2.1.1 Specification Reference

FCC 47 CFR Part 15C, Clause 15.205
ISED RSS-247, Clause 2.4
ISED RSS-GEN, Clause 8.10

2.1.2 Equipment Under Test and Modification State

A3428, S/N: GT6RH79JJQ - Modification State 0

2.1.3 Date of Test

19-October-2025 to 11-November-2025

2.1.4 Test Method

This test was performed in accordance with ANSI C63.10, clause 6.10.5 and 11.12.1.

Plots for average measurements were taken in accordance with ANSI C63.10, clause 11.12.2.5.2.

The following conversion can be applied to convert from dB μ V/m to μ V/m:

$10^{(\text{Field Strength in dB}\mu\text{V/m}/20)}$.

2.1.5 Environmental Conditions

Ambient Temperature	22.3 - 27.8 °C
Relative Humidity	36.8 - 49.3 %

2.1.6 Test Results

2.4 GHz WLAN

20 MHz Bandwidth - Core 0 (SISO)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11b	1 Mbps	-	-	2412	2390	60.39	50.97
802.11g	12 Mbps	-	-	2412	2390	65.01	51.07
802.11n HT20	MCS 4	-	-	2412	2390	64.74	51.14
802.11ax HE20	MCS 2x1	SU	-	2412	2390	66.19	51.38
802.11ax HE20	MCS 9x1	106	53	2412	2390	69.43	45.62
802.11be EHT20	MCS 9x1	52+26	72	2412	2390	69.14	46.46
802.11b	1 Mbps	-	-	2462	2483.5	60.37	51.12
802.11b	1 Mbps	-	-	2472	2483.5	59.29	51.45
802.11g	12 Mbps	-	-	2462	2483.5	63.84	51.46
802.11g	12 Mbps	-	-	2472	2483.5	66.02	51.30
802.11n HT20	MCS 7	-	-	2462	2483.5	68.19	51.30
802.11n HT20	MCS 7	-	-	2472	2483.5	65.23	51.40
802.11ax HE20	MCS 9x1	SU	-	2462	2483.5	66.64	51.23
802.11ax HE20	MCS 9x1	26	0	2462	2483.5	69.27	45.16
802.11ax HE20	MCS 2x1	SU	-	2472	2483.5	69.48	48.65
802.11ax HE20	MCS 9x1	26	8	2472	2483.5	69.30	48.80
802.11be EHT20	MCS 9x1	52+26	72	2462	2483.5	69.34	46.74
802.11be EHT20	MCS 9x1	106+26	83	2472	2483.5	69.35	50.11

Table 8 - SISO Restricted Band Edge Results

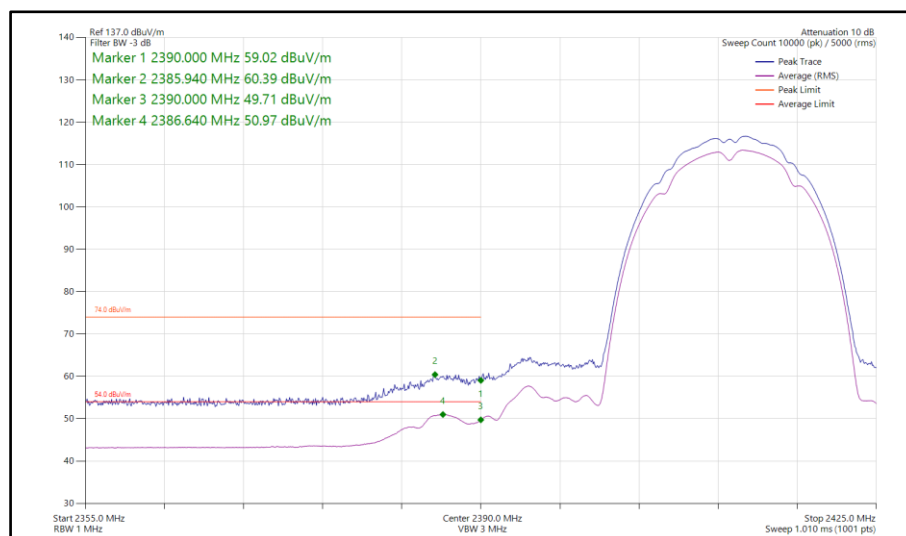
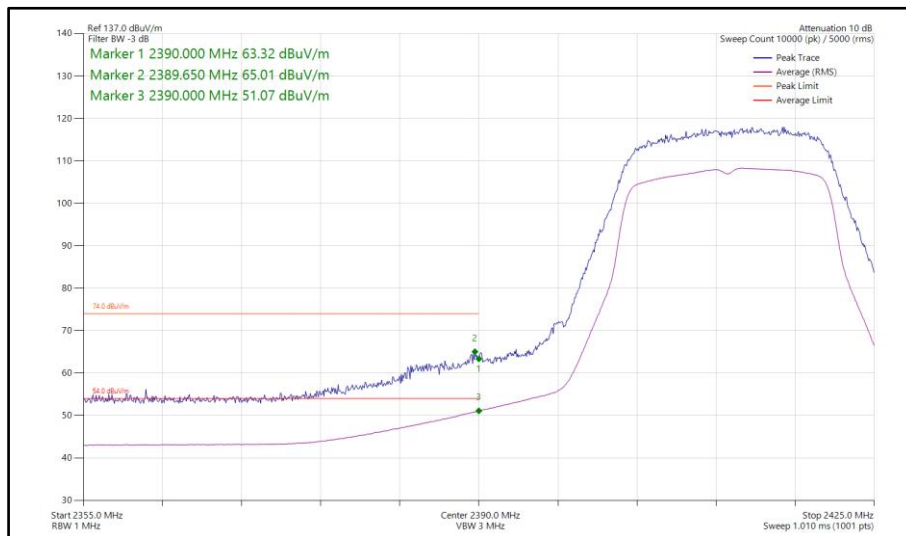
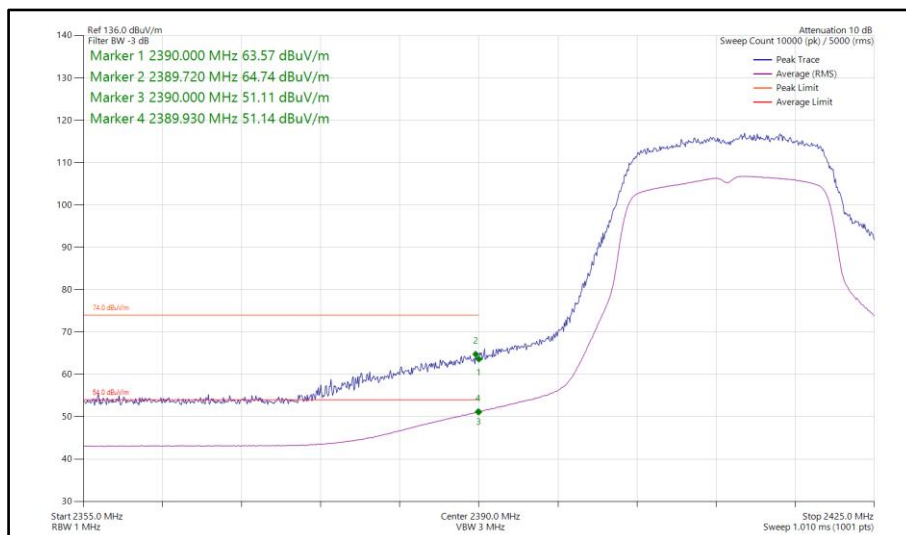


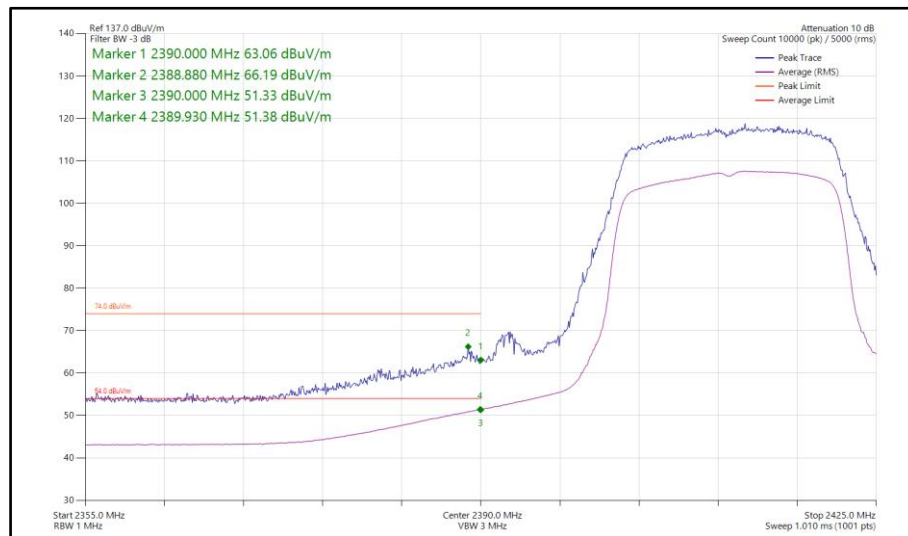
Figure 1 - 802.11b, SISO, Core 0 - 2412 MHz
Band Edge Frequency 2390 MHz



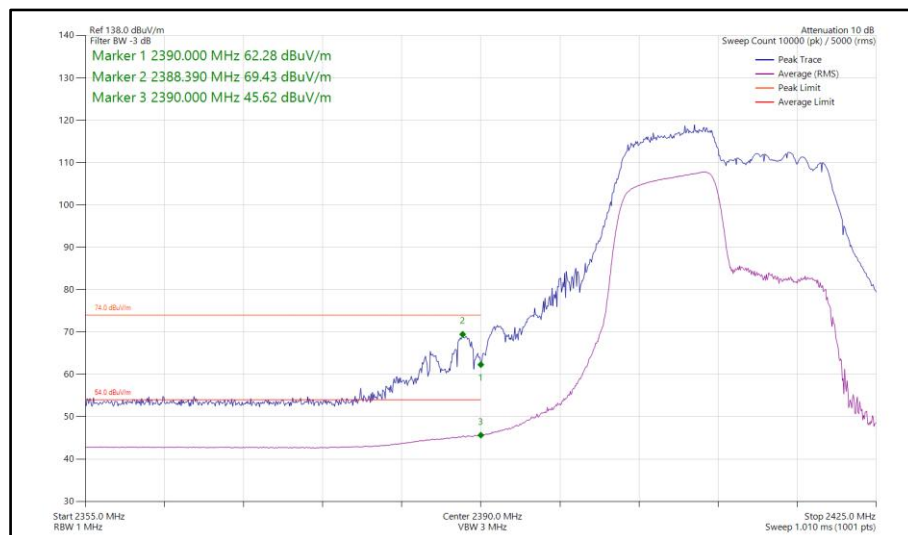
**Figure 2 - 802.11g, SISO, Core 0 - 2412 MHz
Band Edge Frequency 2390 MHz**



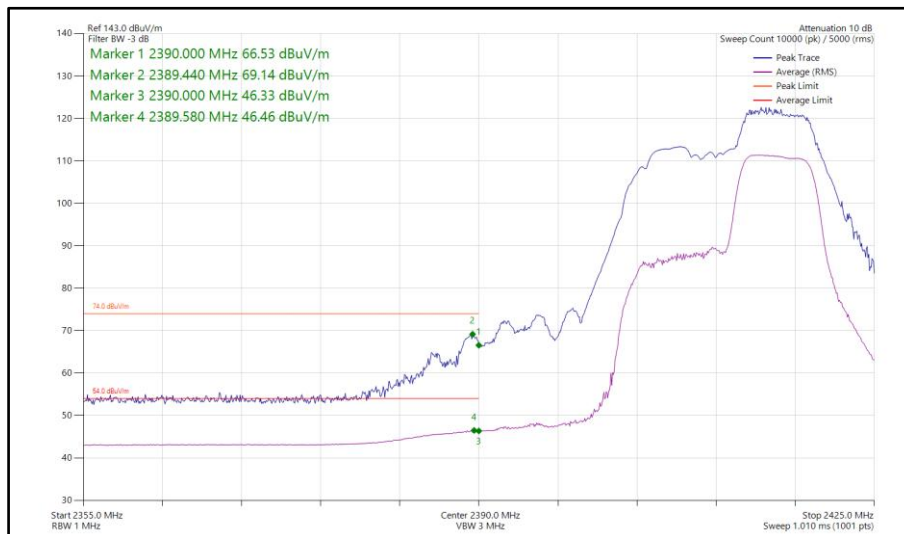
**Figure 3 - 802.11n HT20, SISO, Core 0 - 2412 MHz
Band Edge Frequency 2390 MHz**



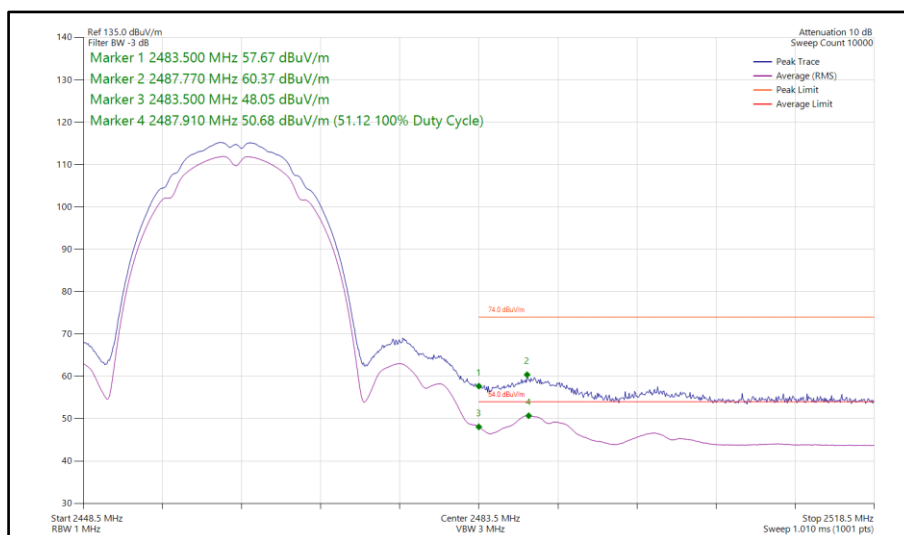
**Figure 4 - 802.11ax HE20, SU, SISO, Core 0 - 2412 MHz
Band Edge Frequency 2390 MHz**



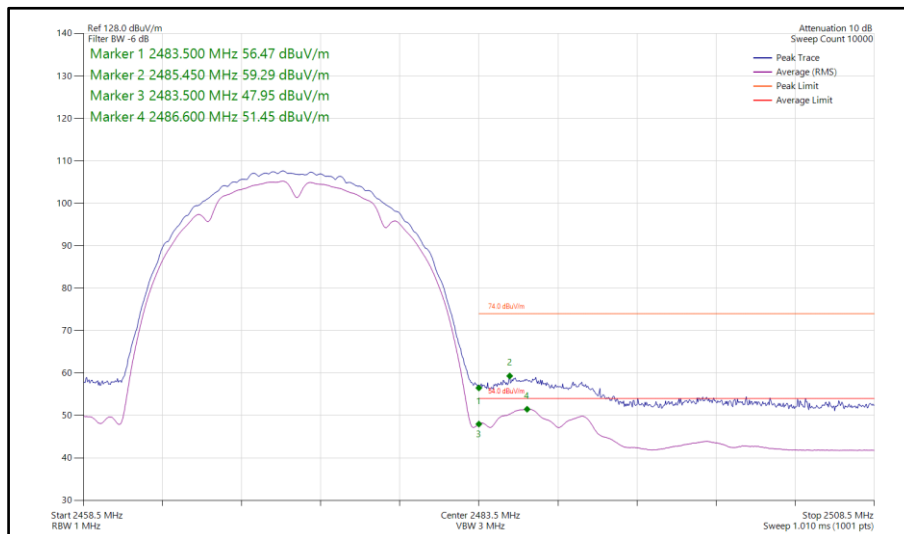
**Figure 5 - 802.11ax HE20, RU 106-53, SISO, Core 0 - 2412 MHz
Band Edge Frequency 2390 MHz**



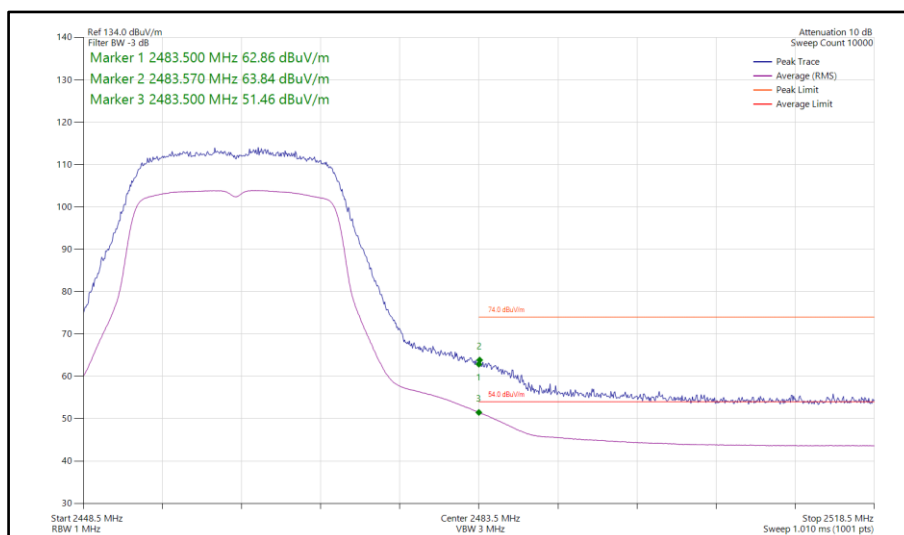
**Figure 6 - 802.11be EHT20, RU 52+26-72, SISO, Core 0 - 2412 MHz
Band Edge Frequency 2390 MHz**



**Figure 7 - 802.11b, SISO, Core 0 - 2462 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 8 - 802.11b, SISO, Core 0 - 2472 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 9 - 802.11g, SISO, Core 0 - 2462 MHz
Band Edge Frequency 2483.5 MHz**

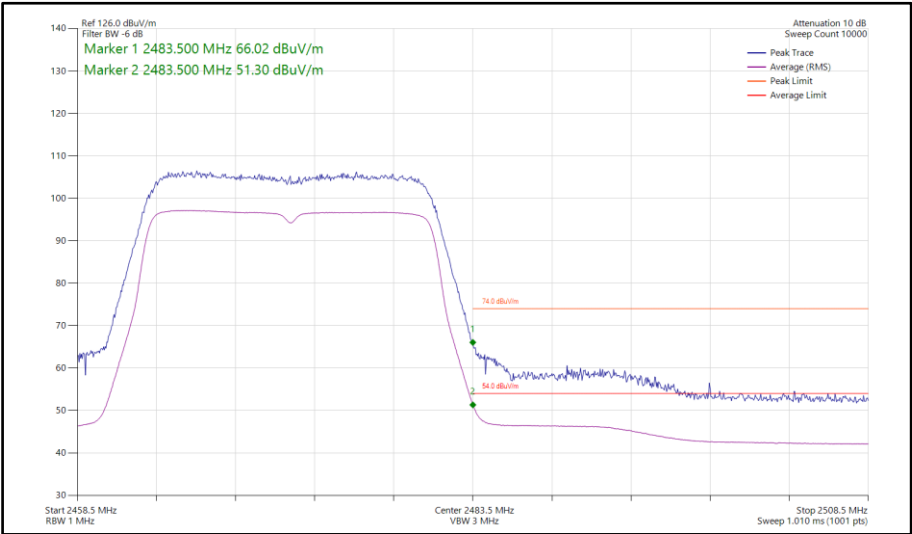


Figure 10 - 802.11g, SISO, Core 0 - 2472 MHz
Band Edge Frequency 2483.5 MHz

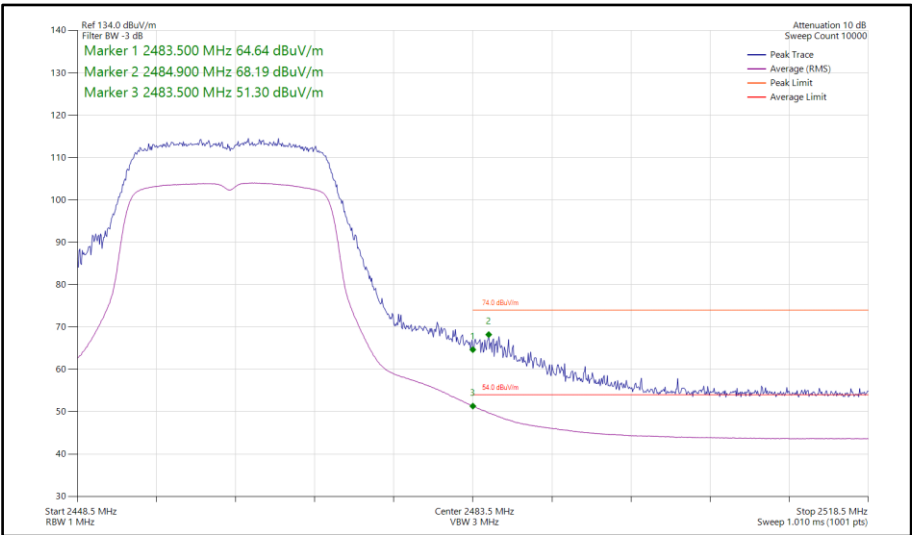


Figure 11 - 802.11n HT20, SISO, Core 0 - 2462 MHz
Band Edge Frequency 2483.5 MHz

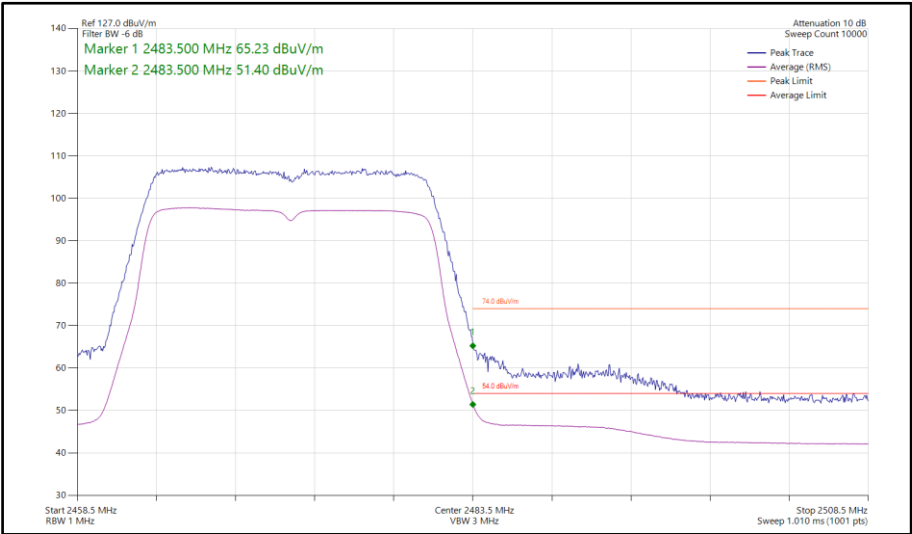


Figure 12 - 802.11n HT20, SISO, Core 0 - 2472 MHz
Band Edge Frequency 2483.5 MHz

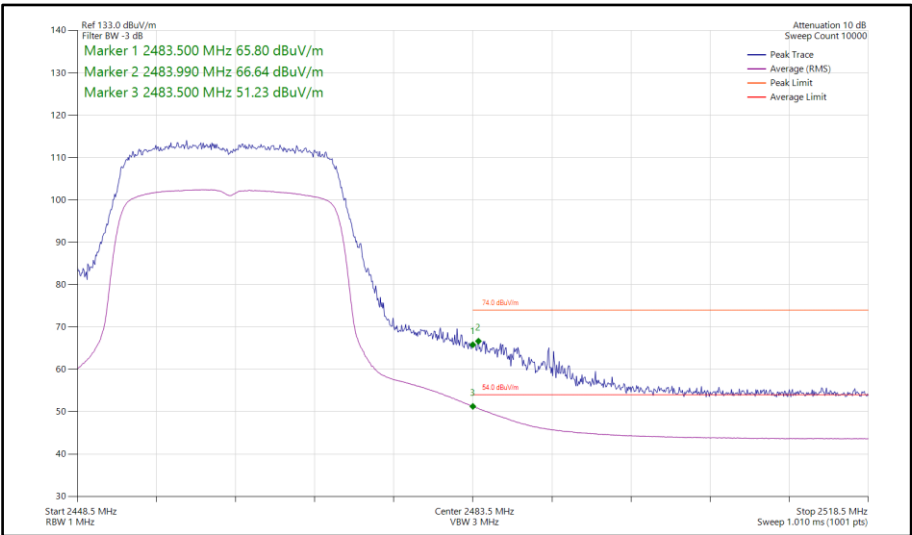
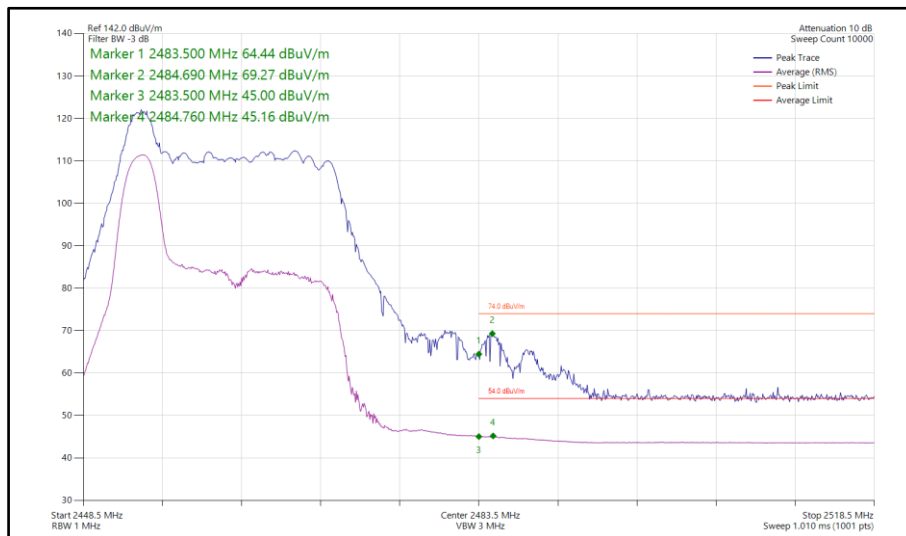
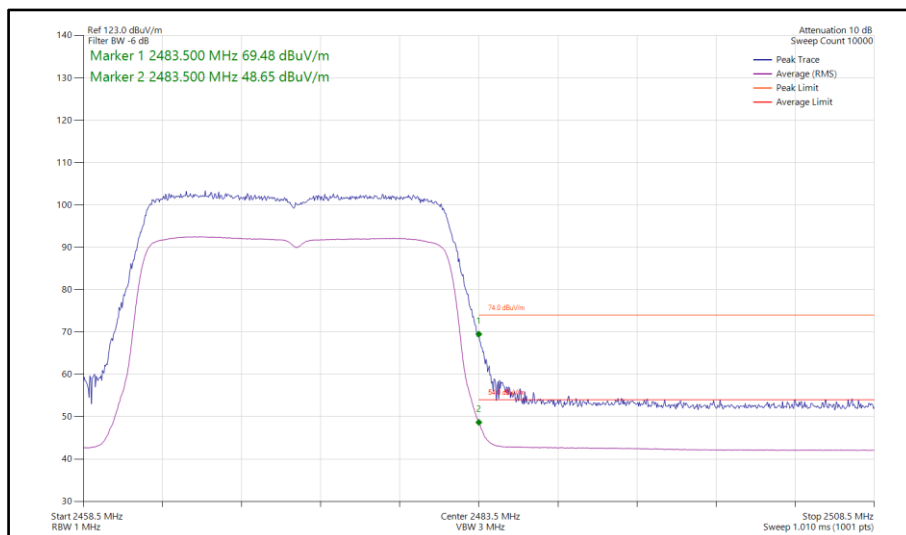


Figure 13 - 802.11ax HE20, SU, SISO, Core 0 - 2462 MHz
Band Edge Frequency 2483.5 MHz



**Figure 14 - 802.11ax HE20, RU 26-0, SISO, Core 0 - 2462 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 15 - 802.11ax HE20, SU, SISO, Core 0 - 2472 MHz
Band Edge Frequency 2483.5 MHz**

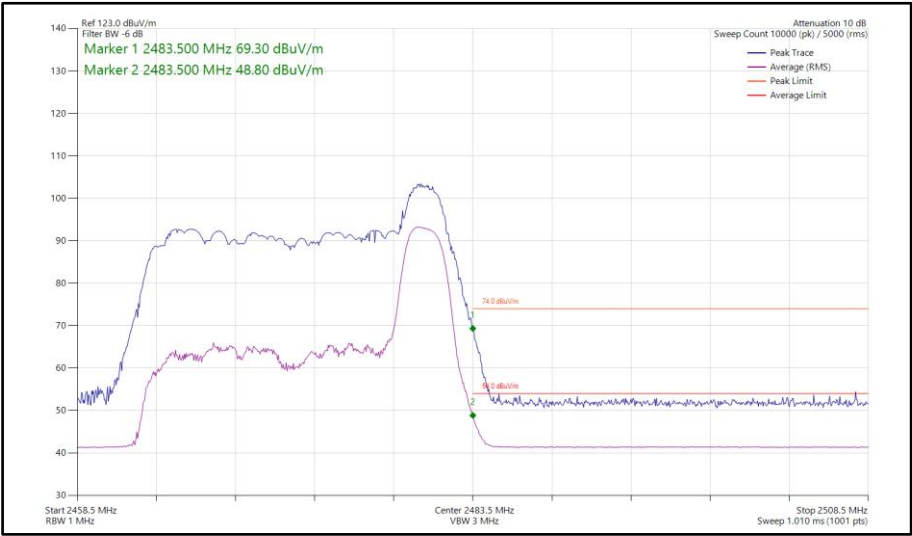


Figure 16 - 802.11ax HE20, RU 26-8, SISO, Core 0 - 2472 MHz
Band Edge Frequency 2483.5 MHz

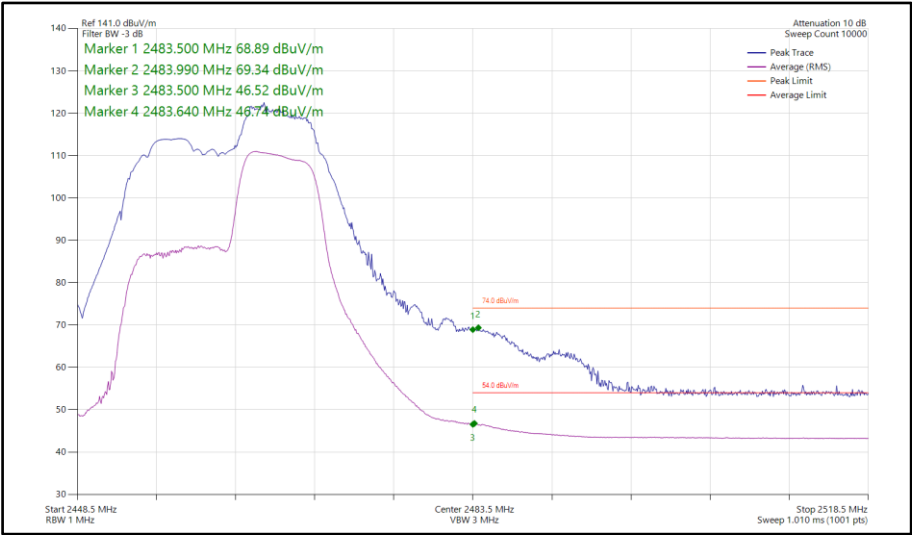
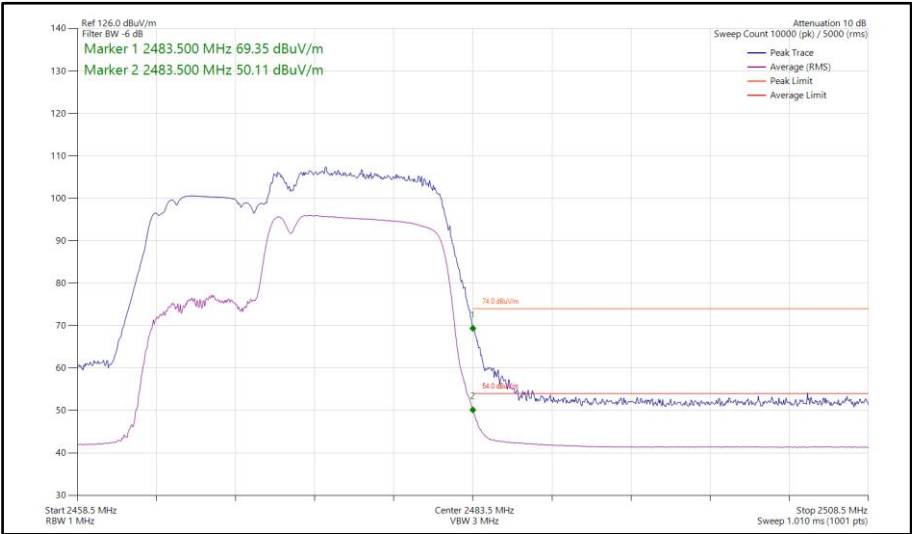


Figure 17 - 802.11be EHT20, RU 52+26-72, SISO, Core 0 - 2462 MHz
Band Edge Frequency 2483.5 MHz

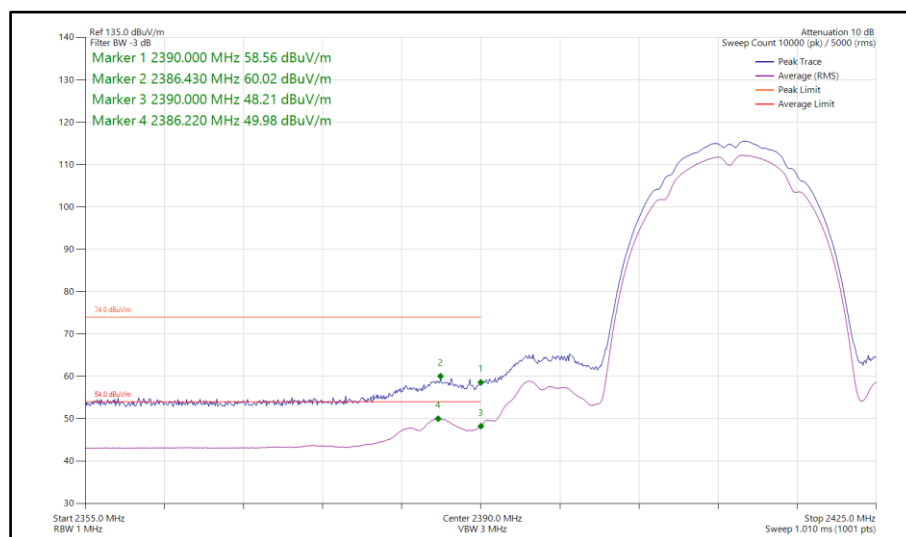


**Figure 18 - 802.11be EHT20, RU 106+26-83, SISO, Core 0 - 2472 MHz
Band Edge Frequency 2483.5 MHz**

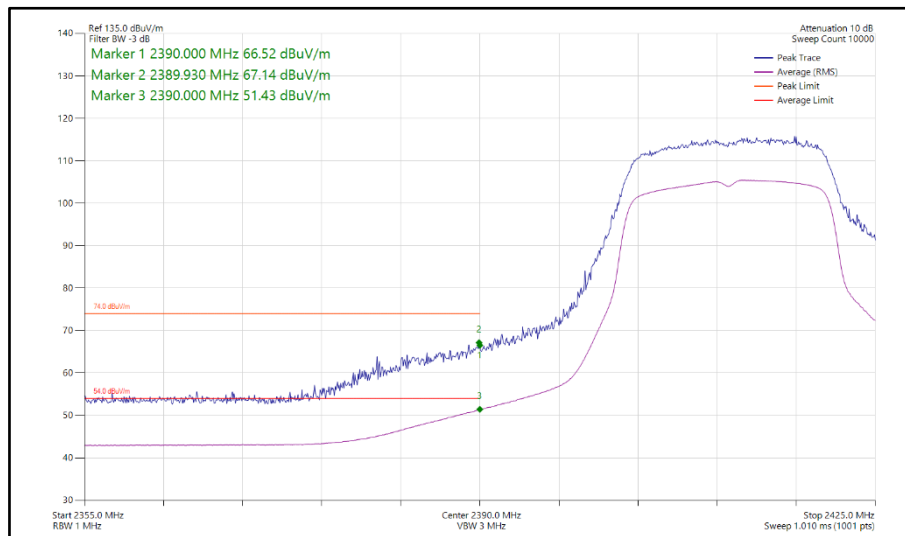
20 MHz Bandwidth - Core 1 (SISO)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11b	1 Mbps	-	-	2412	2390	60.02	49.98
802.11g	54 Mbps	-	-	2412	2390	67.14	51.43
802.11n HT20	MCS 2	-	-	2412	2390	66.06	51.49
802.11ax HE20	MCS 4x1	SU	-	2412	2390	65.12	51.11
802.11ax HE20	MCS 9x1	52	40	2412	2390	69.30	45.22
802.11be EHT20	MCS 9x1	106+26	82	2412	2390	69.34	48.03
802.11b	1 Mbps	-	-	2462	2483.5	59.24	50.47
802.11b	1 Mbps	-	-	2472	2483.5	58.07	49.76
802.11g	24 Mbps	-	-	2462	2483.5	64.42	51.27
802.11g	54 Mbps	-	-	2472	2483.5	65.26	51.42
802.11n HT20	MCS 7	-	-	2462	2483.5	69.20	50.12
802.11n HT20	MCS 4	-	-	2472	2483.5	64.89	51.50
802.11ax HE20	MCS 9x1	SU	-	2462	2483.5	68.82	48.92
802.11ax HE20	MCS 9x1	106	54	2462	2483.5	69.33	46.53
802.11ax HE20	MCS 2x1	SU	-	2472	2483.5	69.17	49.17
802.11ax HE20	MCS 9x1	52	40	2472	2483.5	69.31	48.30
802.11be EHT20	MCS 9x1	52+26	70	2462	2483.5	69.02	46.10
802.11be EHT20	MCS 9x1	52+26	72	2472	2483.5	69.48	49.14

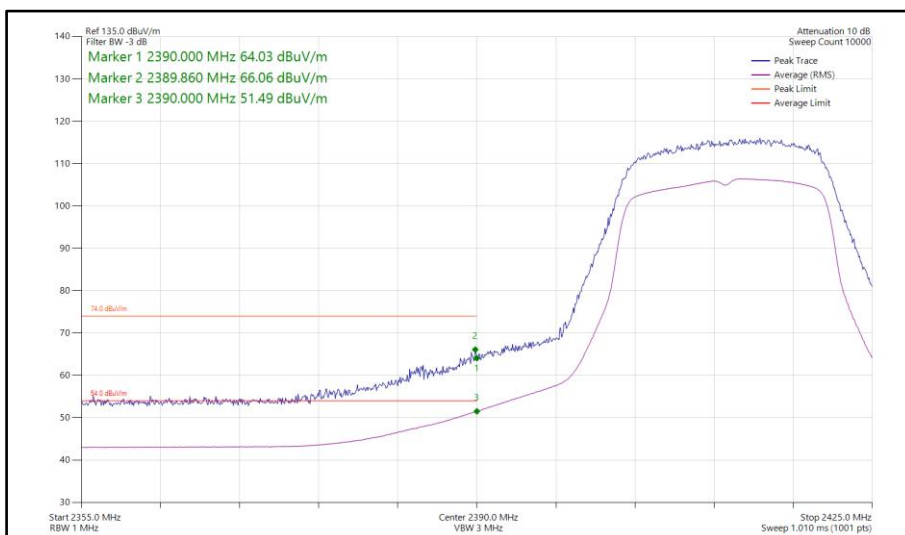
Table 9 - SISO Restricted Band Edge Results



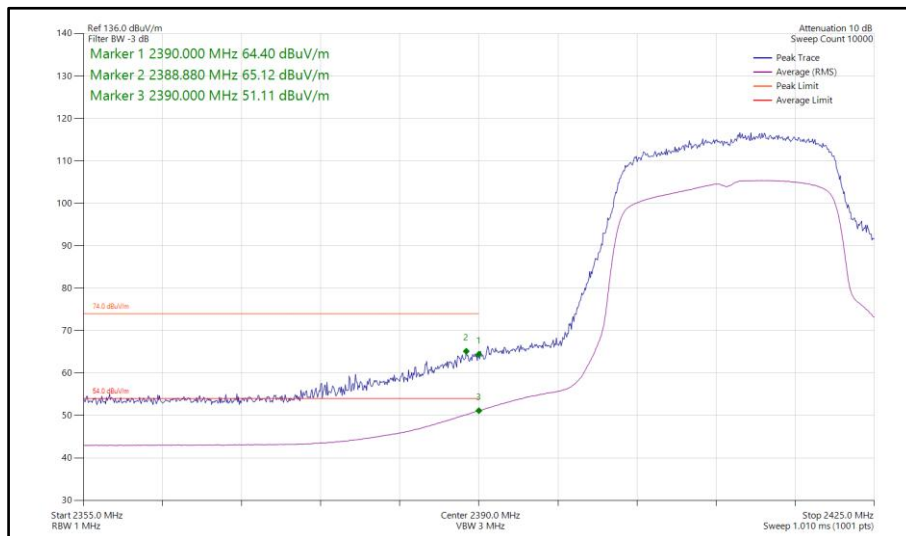
**Figure 19 - 802.11b, SISO, Core 1 - 2412 MHz
Band Edge Frequency 2390 MHz**



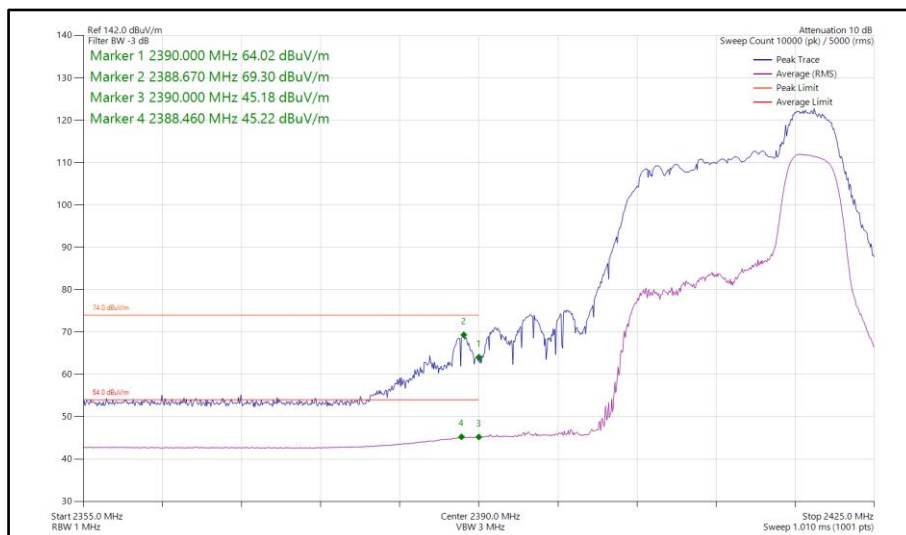
**Figure 20 - 802.11g, SISO, Core 1 - 2412 MHz
Band Edge Frequency 2390 MHz**



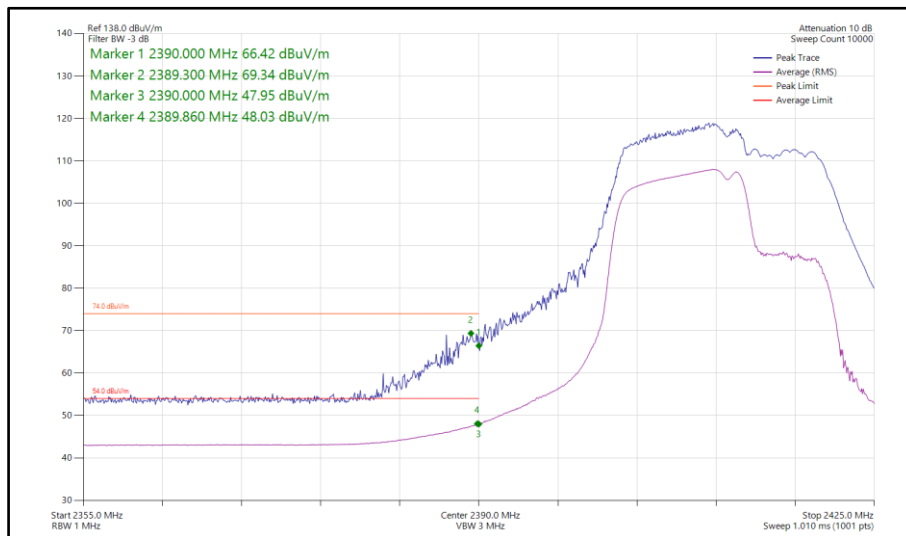
**Figure 21 - 802.11n HT20, SISO, Core 1 - 2412 MHz
Band Edge Frequency 2390 MHz**



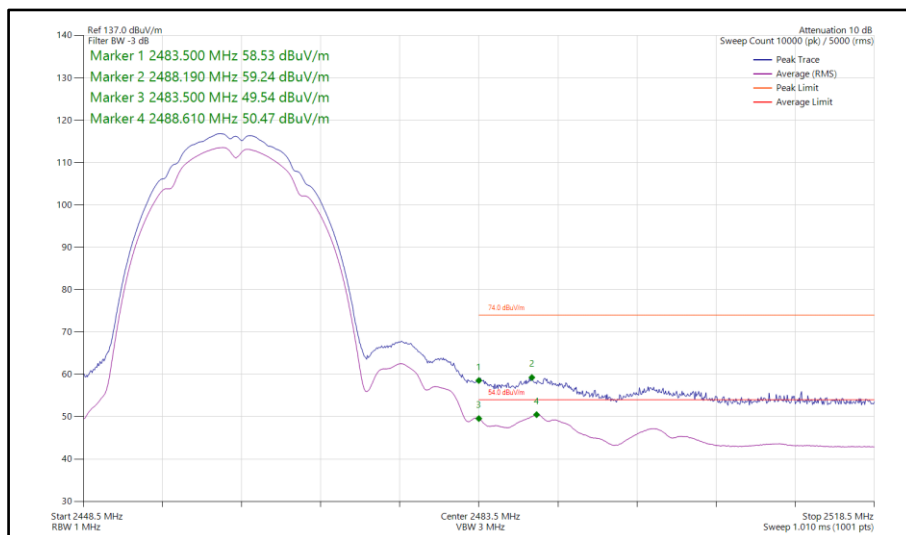
**Figure 22 - 802.11ax HE20, SU, SISO, Core 1 - 2412 MHz
Band Edge Frequency 2390 MHz**



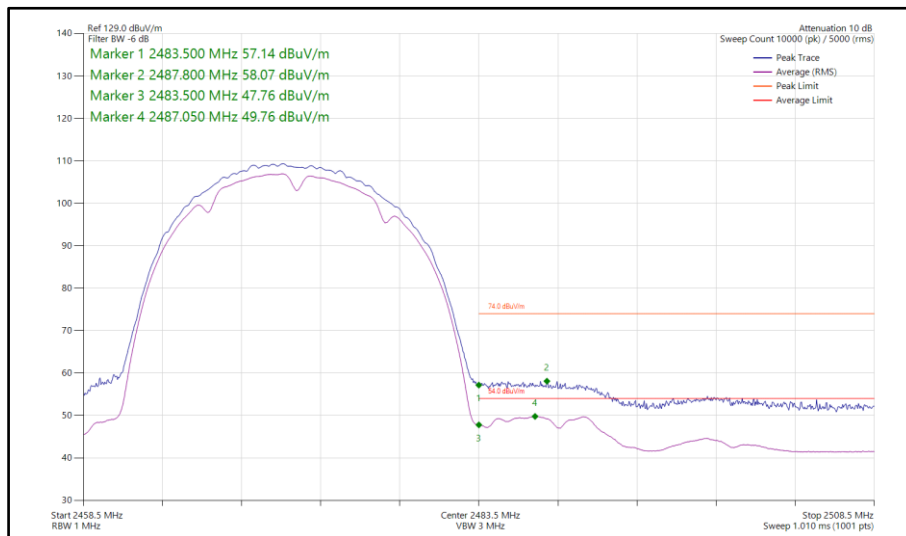
**Figure 23 - 802.11ax HE20, RU 52-40, SISO, Core 1 - 2412 MHz
Band Edge Frequency 2390 MHz**



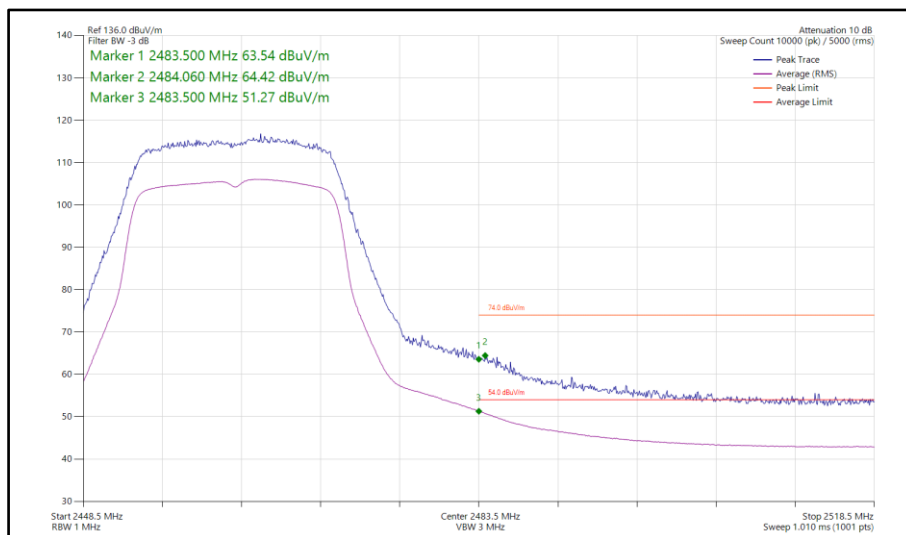
**Figure 24 - 802.11be EHT20, RU 106+26-82, SISO, Core 1 - 2412 MHz
Band Edge Frequency 2390 MHz**



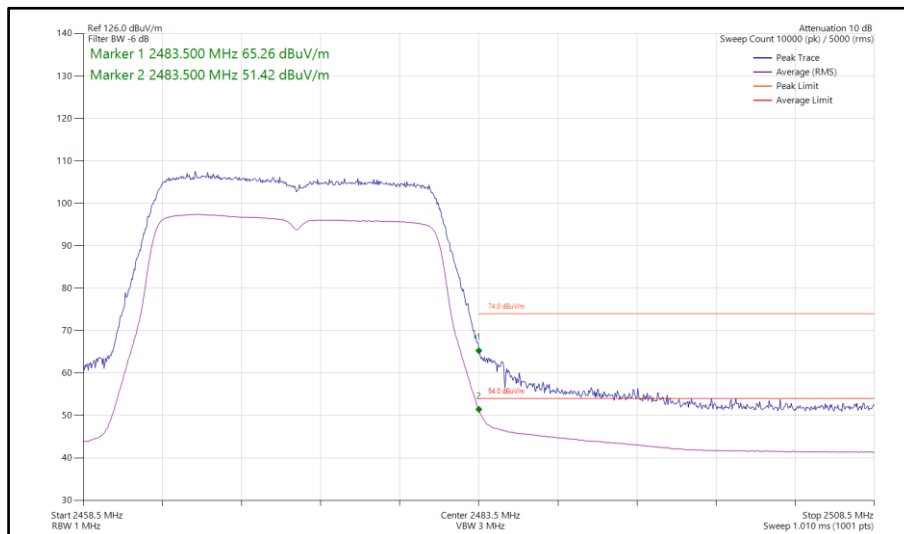
**Figure 25 - 802.11b, SISO, Core 1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**



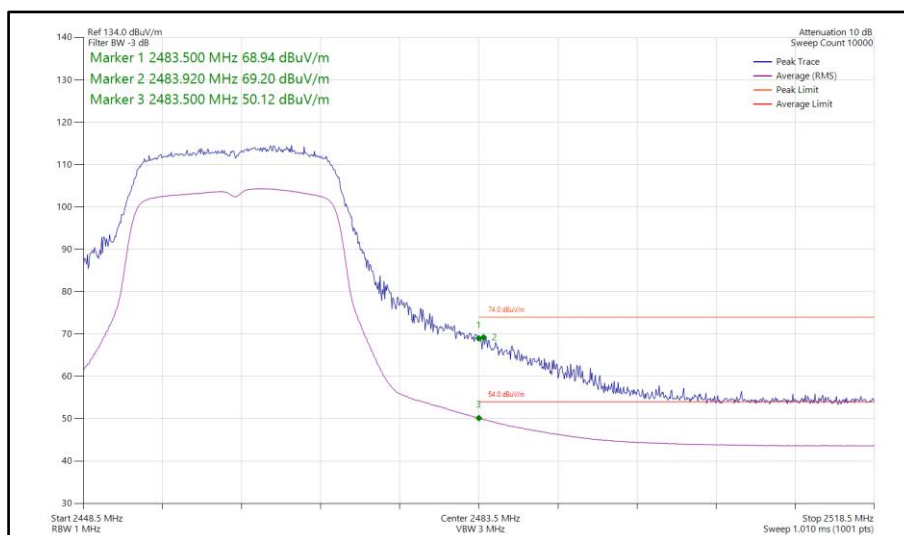
**Figure 26 - 802.11b, SISO, Core 1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**



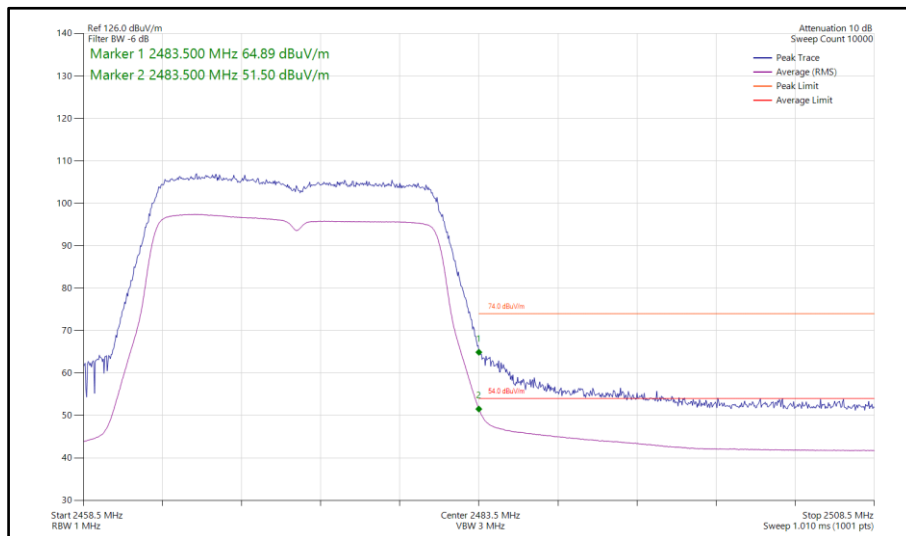
**Figure 27 - 802.11g, SISO, Core 1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**



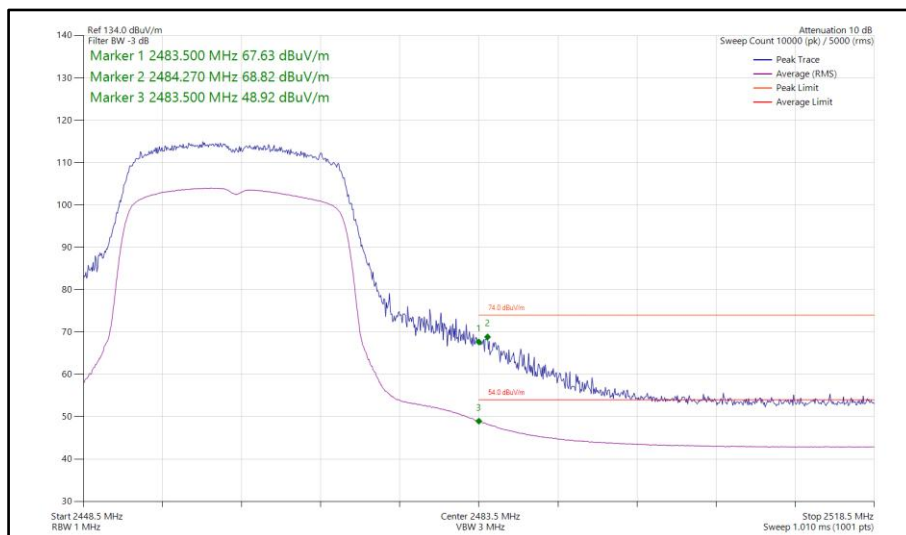
**Figure 28 - 802.11g, SISO, Core 1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**



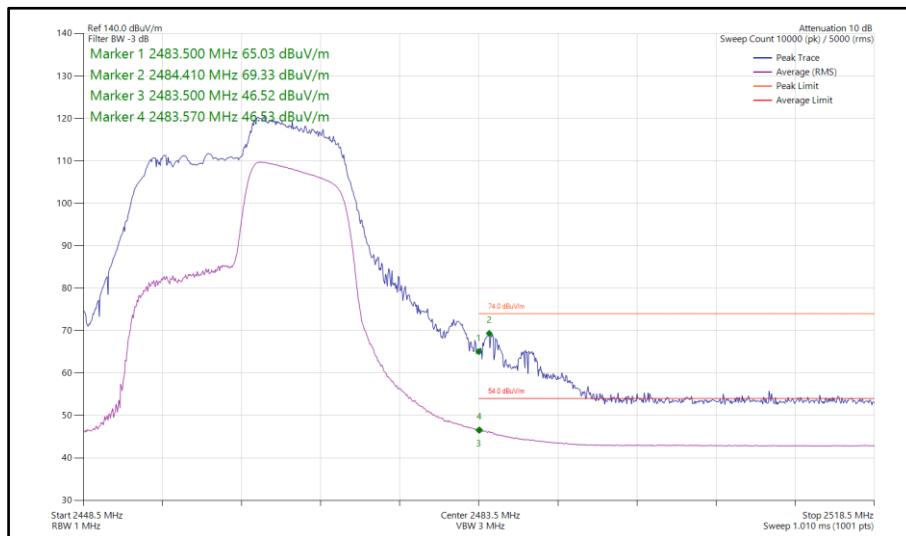
**Figure 29 - 802.11n HT20, SISO, Core 1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**



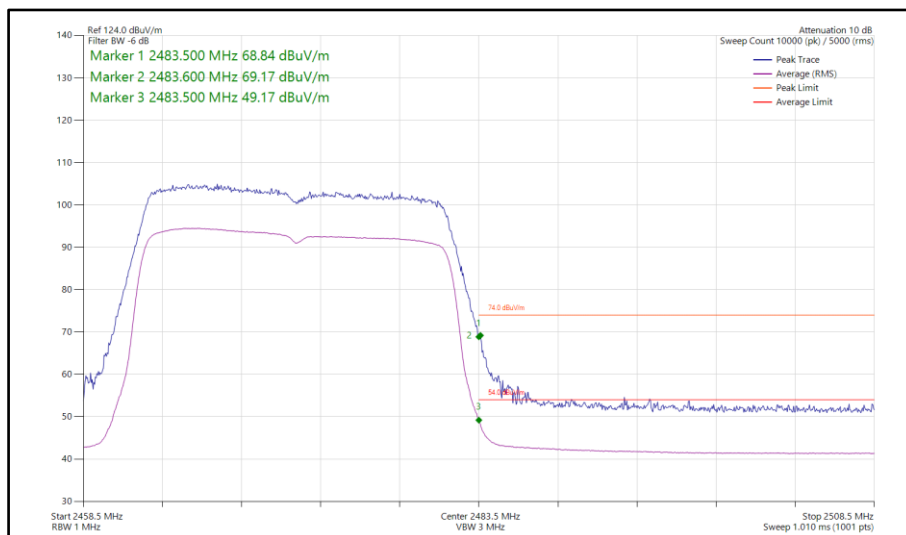
**Figure 30 - 802.11n HT20, SISO, Core 1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**



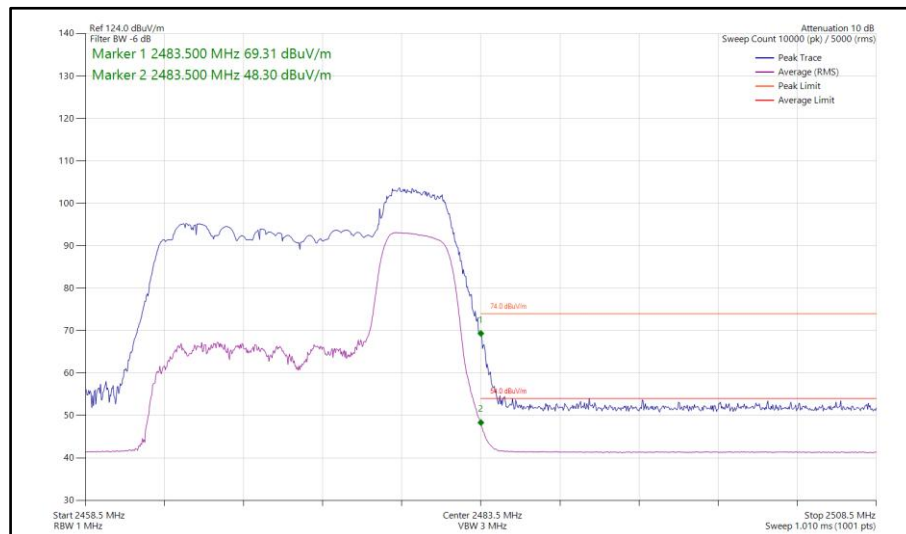
**Figure 31 - 802.11ax HE20, SU, SISO, Core 1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**



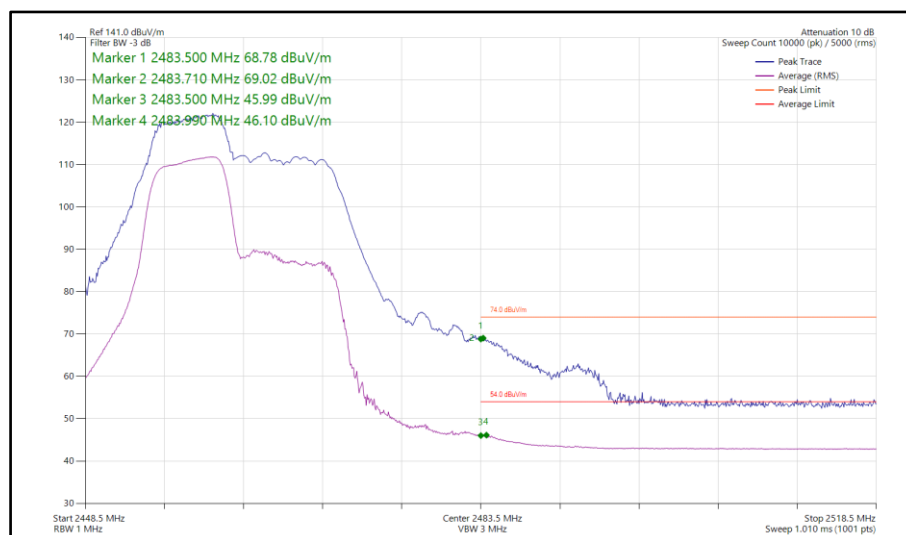
**Figure 32 - 802.11ax HE20, RU 106-54, SISO, Core 1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 33 - 802.11ax HE20, SU, SISO, Core 1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 34 - 802.11ax HE20, RU 52-40, SISO, Core 1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 35 - 802.11be EHT20, RU 56+26-70, SISO, Core 1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**

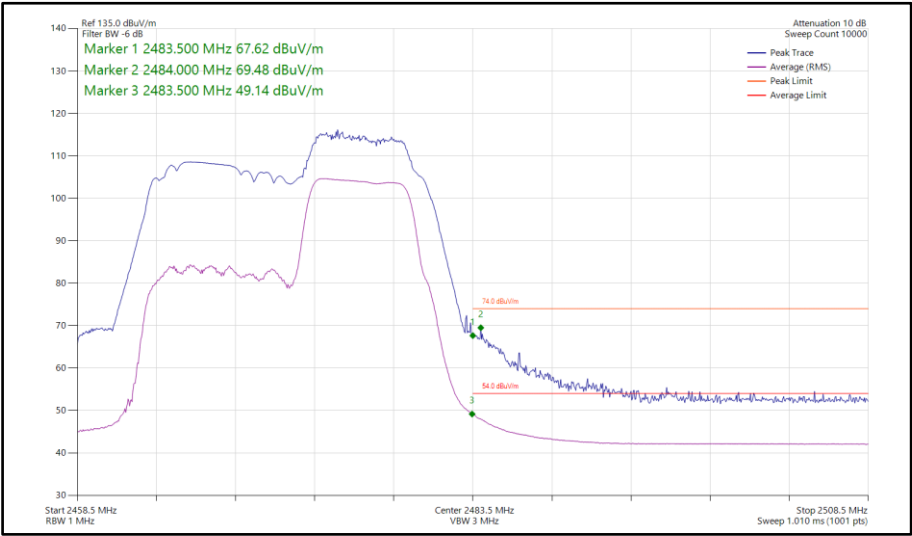


Figure 36 - 802.11be EHT20, RU 52+26-72, SISO, Core 1 - 2472 MHz
Band Edge Frequency 2483.5 MHz

20 MHz Bandwidth - Core 0-1 (CDD)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11g	54 Mbps	-	-	2412	2390	64.77	49.36
802.11n HT20	MCS 2	-	-	2412	2390	64.71	50.94
802.11ax HE20	MCS 2x1	SU	-	2412	2390	66.56	51.10
802.11ax HE20	MCS 9x1	106	53	2412	2390	69.37	46.81
802.11be EHT20	MCS 9x1	106+26	82	2412	2390	69.22	47.36
802.11g	24 Mbps	-	-	2462	2483.5	65.74	51.28
802.11g	54 Mbps	-	-	2472	2483.5	69.43	50.31
802.11n HT20	MCS 2	-	-	2462	2483.5	63.01	49.82
802.11n HT20	MCS 2	-	-	2472	2483.5	66.02	50.39
802.11ax HE20	MCS 9x1	SU	-	2462	2483.5	67.45	51.13
802.11ax HE20	MCS 9x1	52	37	2462	2483.5	69.49	45.52
802.11ax HE20	MCS 9x1	SU	-	2472	2483.5	69.44	50.83
802.11ax HE20	MCS 9x1	52	40	2472	2483.5	68.37	46.65
802.11be EHT20	MCS 9x1	52+26	70	2462	2483.5	69.50	47.45
802.11be EHT20	MCS 9x1	106+26	82	2472	2483.5	69.49	43.41

Table 10 - CDD Restricted Band Edge Results

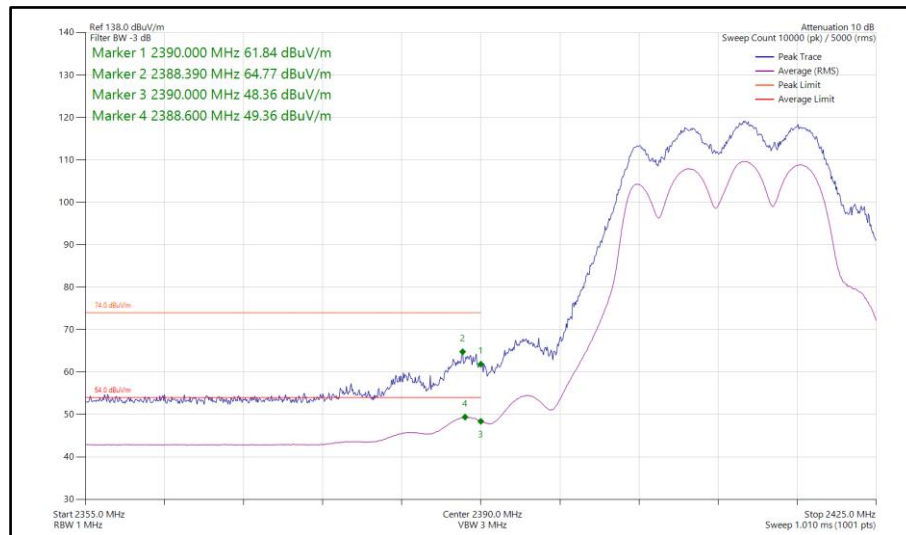
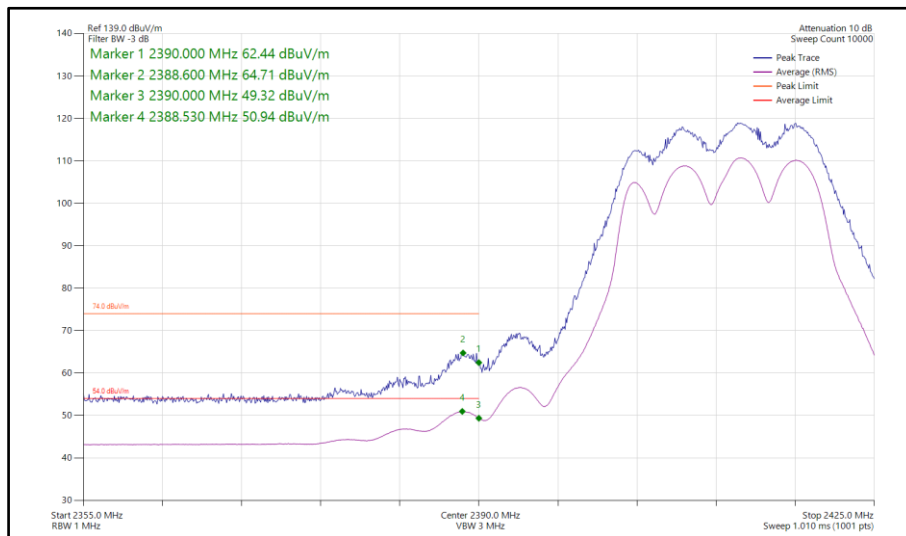
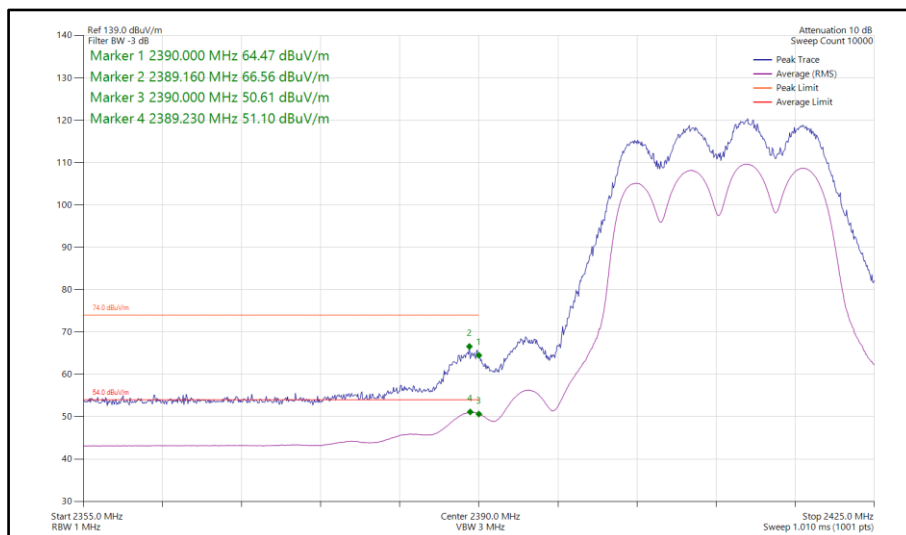


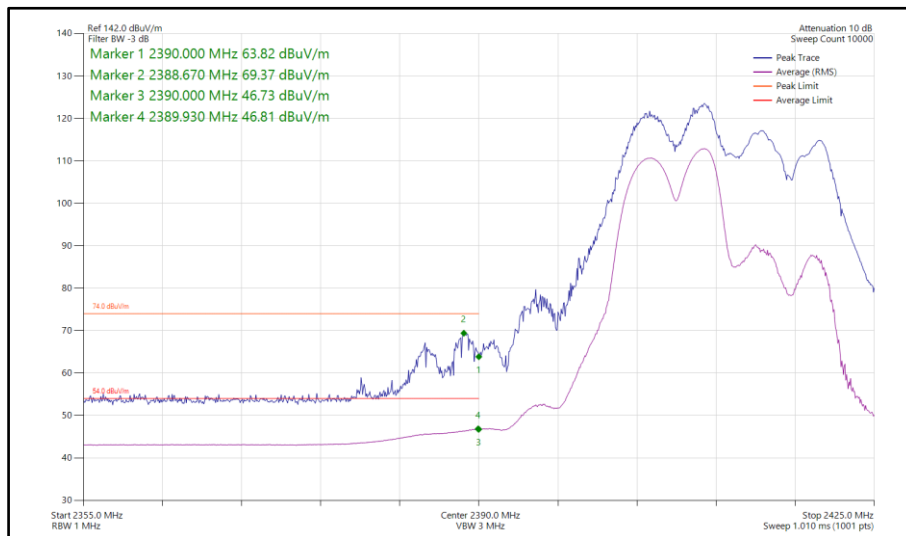
Figure 37 - 802.11g, CDD, Core 0-1 - 2412 MHz
Band Edge Frequency 2390 MHz



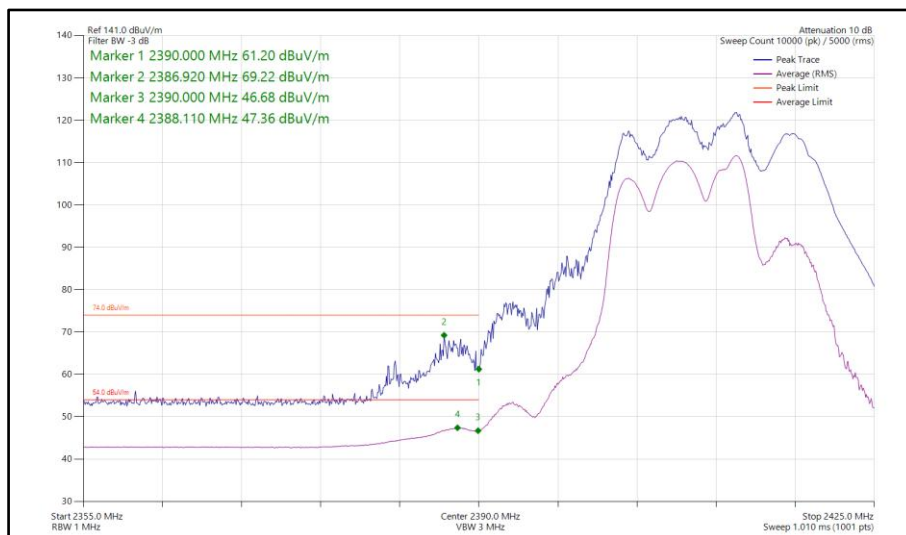
**Figure 38 - 802.11n HT20, CDD, Core 0-1 - 2412 MHz
Band Edge Frequency 2390 MHz**



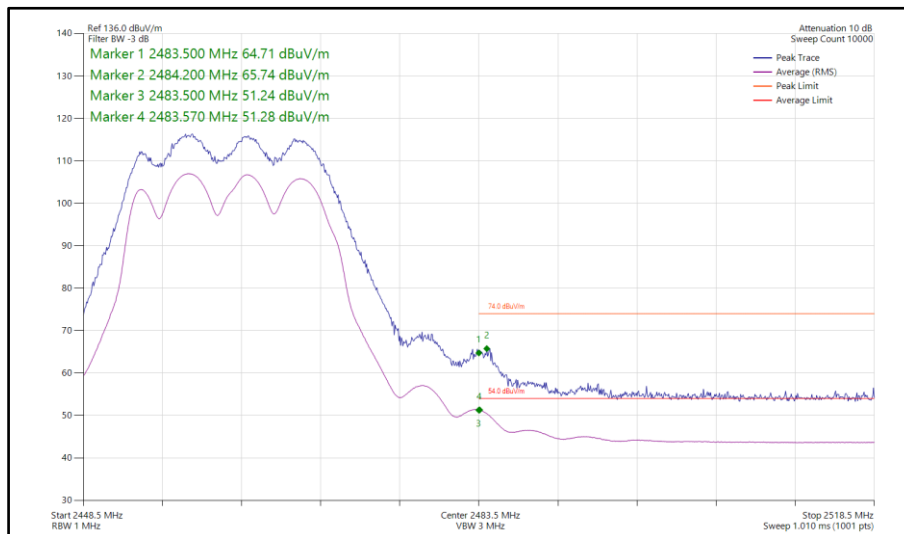
**Figure 39 - 802.11ax HE20, SU, CDD, Core 0-1 - 2412 MHz
Band Edge Frequency 2390 MHz**



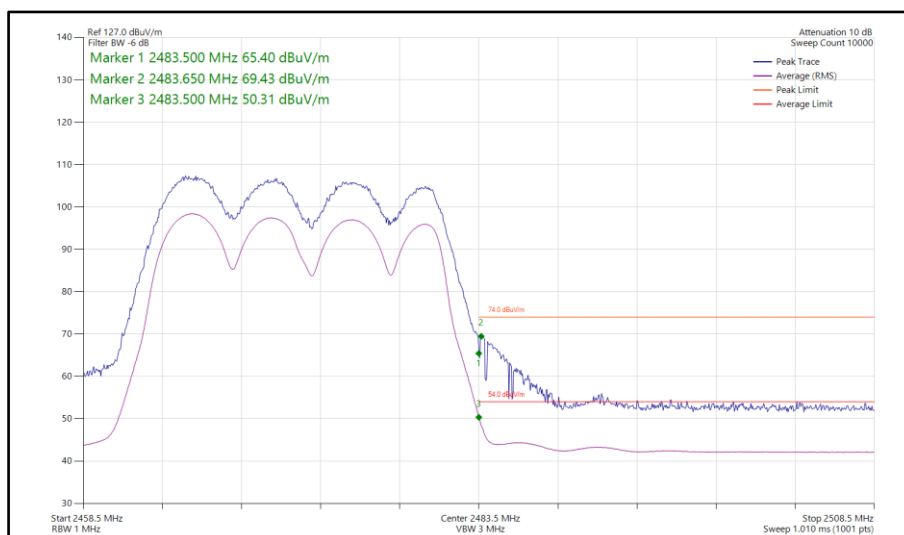
**Figure 40 - 802.11ax HE20, RU 106-53, CDD, Core 0-1 - 2412 MHz
Band Edge Frequency 2390 MHz**



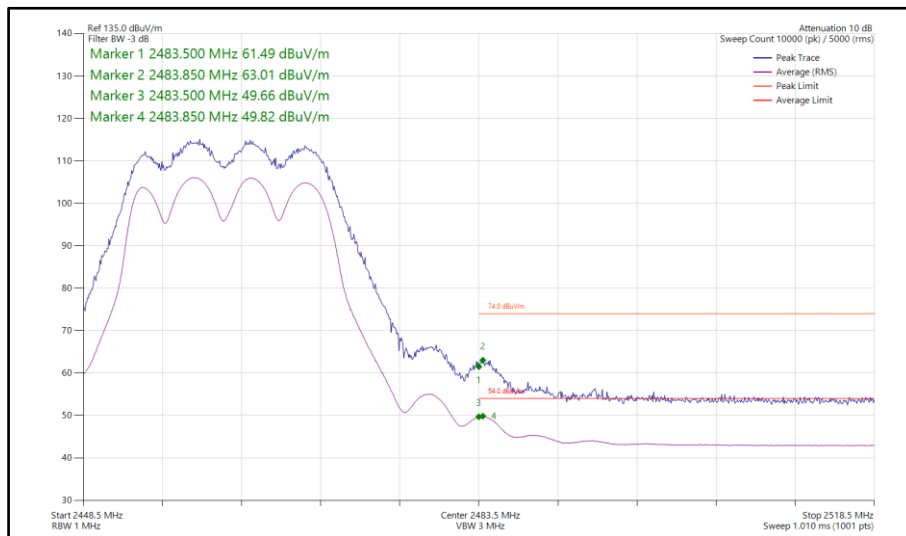
**Figure 41 - 802.11be EHT20, RU 106+26-82, CDD, Core 0-1 - 2412 MHz
Band Edge Frequency 2390 MHz**



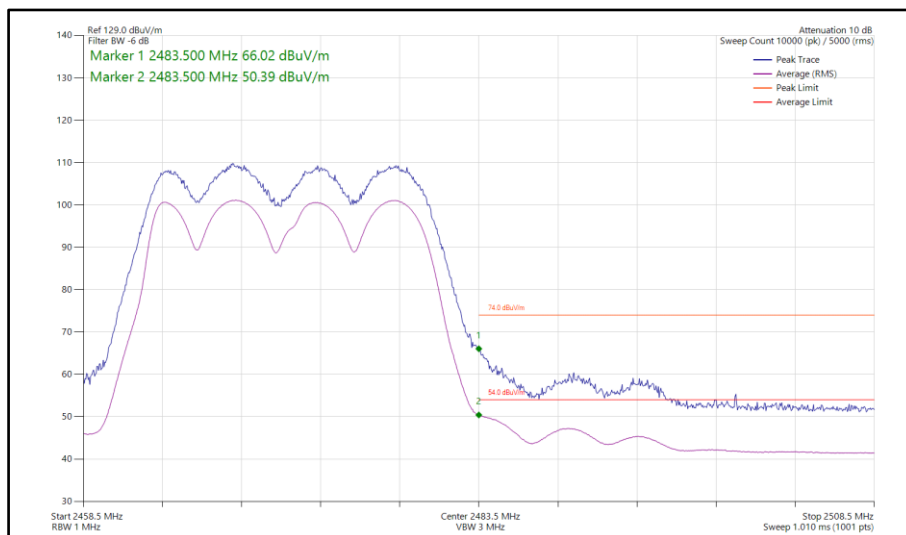
**Figure 42 - 802.11g, CDD, Core 0-1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**



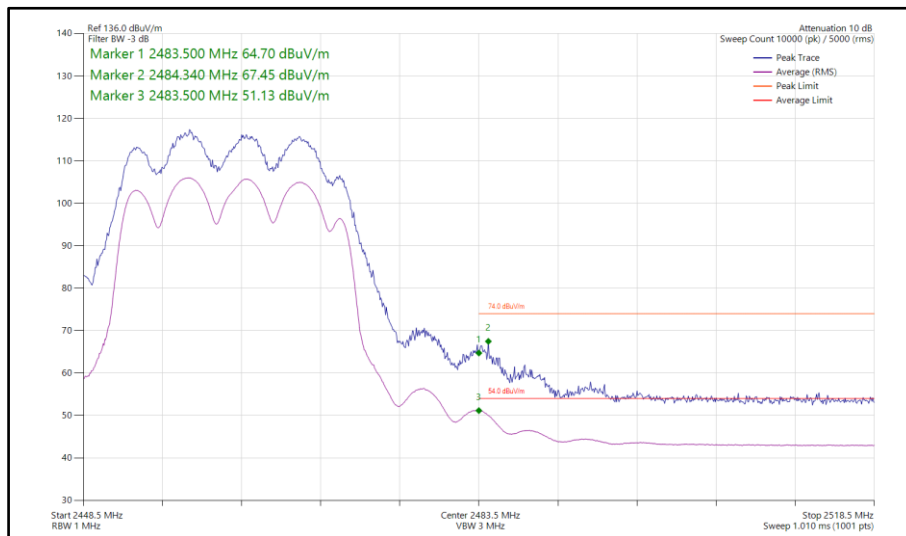
**Figure 43 - 802.11g, CDD, Core 0-1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**



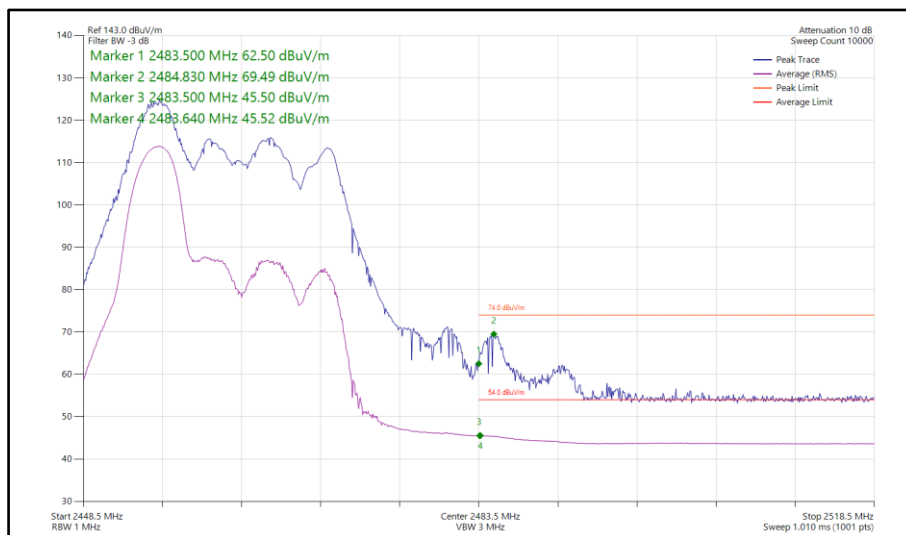
**Figure 44 - 802.11n HT20, CDD, Core 0-1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**



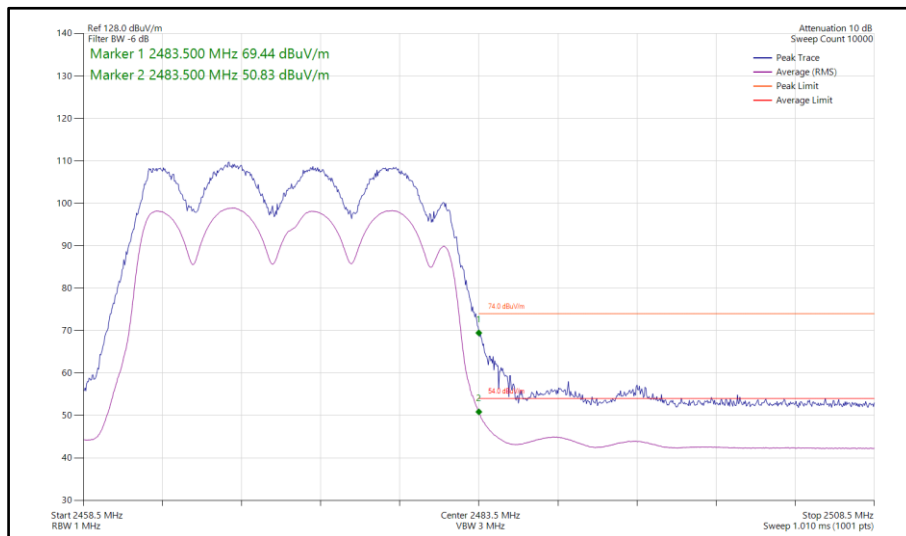
**Figure 45 - 802.11n HT20, CDD, Core 0-1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**



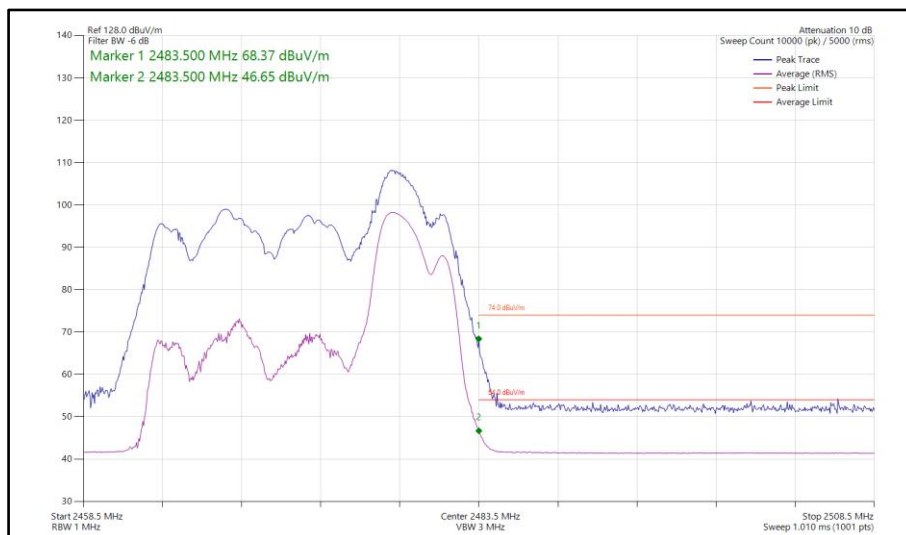
**Figure 46 - 802.11ax HE20, SU, CDD, Core 0-1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**



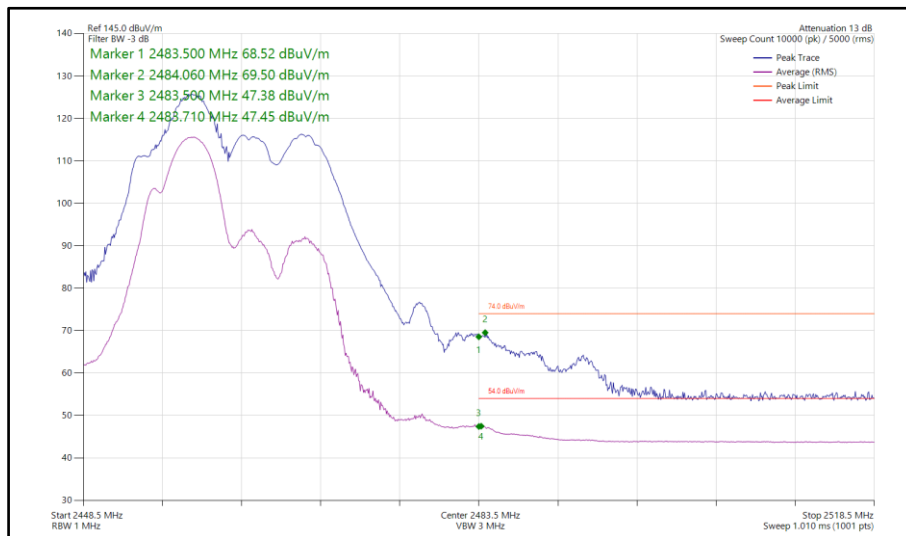
**Figure 47 - 802.11ax HE20, RU 52-37, CDD, Core 0-1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**



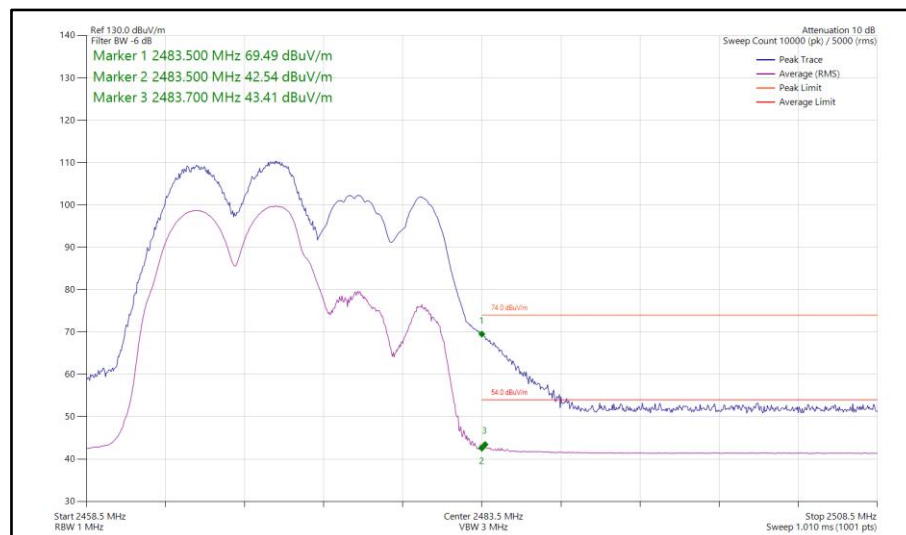
**Figure 48 - 802.11ax HE20, SU, CDD, Core 0-1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 49 - 802.11ax HE20, RU 52-40, CDD, Core 0-1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 50 - 802.11be EHT20, RU 52+26-70, CDD, Core 0-1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 51 - 802.11be EHT20, CDD, Core 0-1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**

20 MHz Bandwidth - Core 0-1 (SDM)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11n HT20	MCS 2	-	-	2412	2390	64.57	51.46
802.11ax HE20	MCS 9x2	SU	-	2412	2390	69.45	50.28
802.11ax HE20	MCS 9x2	52	37	2412	2390	69.45	46.65
802.11be EHT20	MCS 9x2	52+26	72	2412	2390	69.24	47.31
802.11n HT20	MCS 7	-	-	2462	2483.5	68.57	51.03
802.11n HT20	MCS 4	-	-	2472	2483.5	65.95	50.86
802.11ax HE20	MCS 2x2	SU	-	2462	2483.5	64.33	51.18
802.11ax HE20	MCS 9x2	26	8	2462	2483.5	69.34	46.26
802.11ax HE20	MCS 9x2	SU	-	2472	2483.5	68.22	47.60
802.11ax HE20	MCS 9x2	26	0	2472	2483.5	69.40	45.06
802.11be EHT20	MCS 9x2	106+26	83	2462	2483.5	69.31	49.27
802.11be EHT20	MCS 9x2	52+26	72	2472	2483.5	68.88	43.81

Table 11 - SDM Restricted Band Edge Results

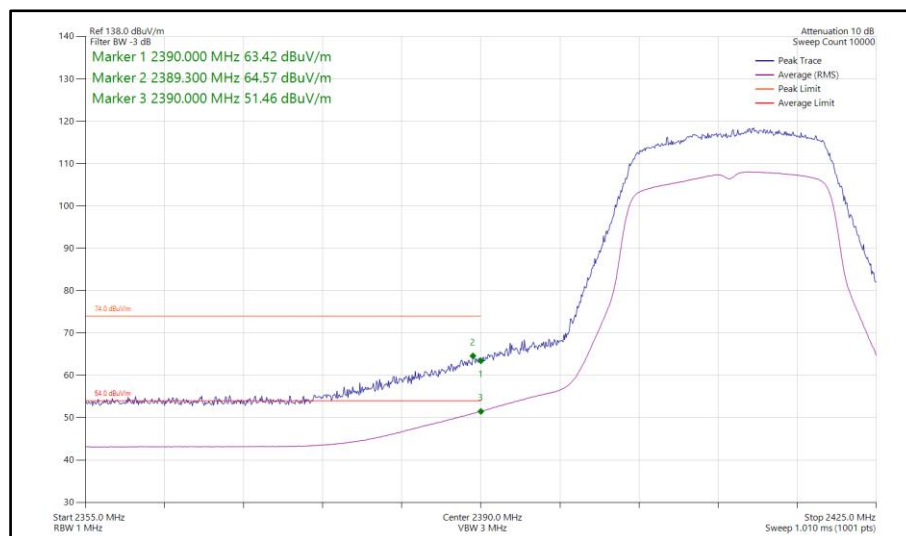
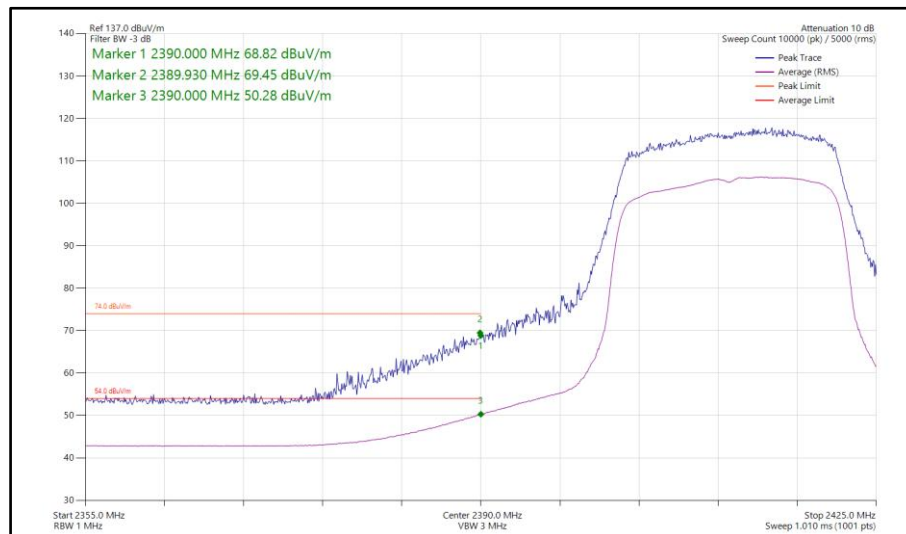
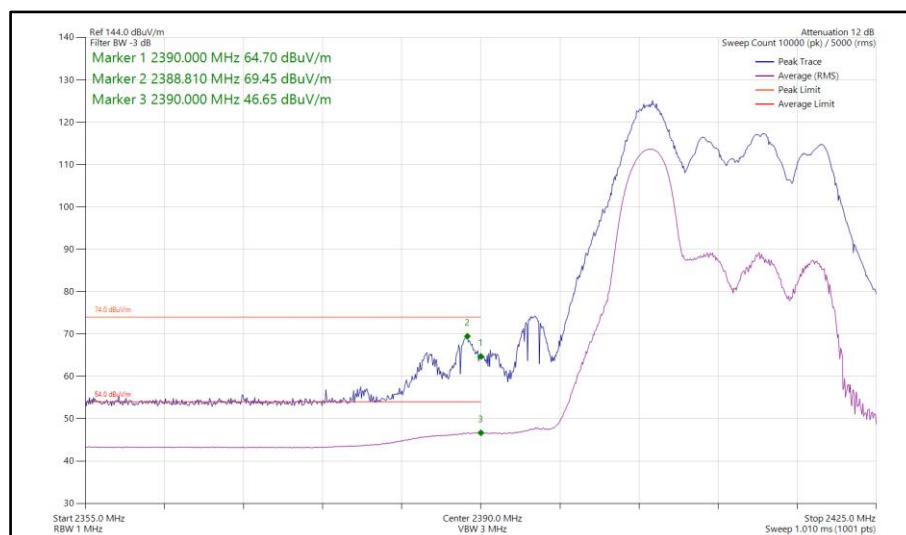


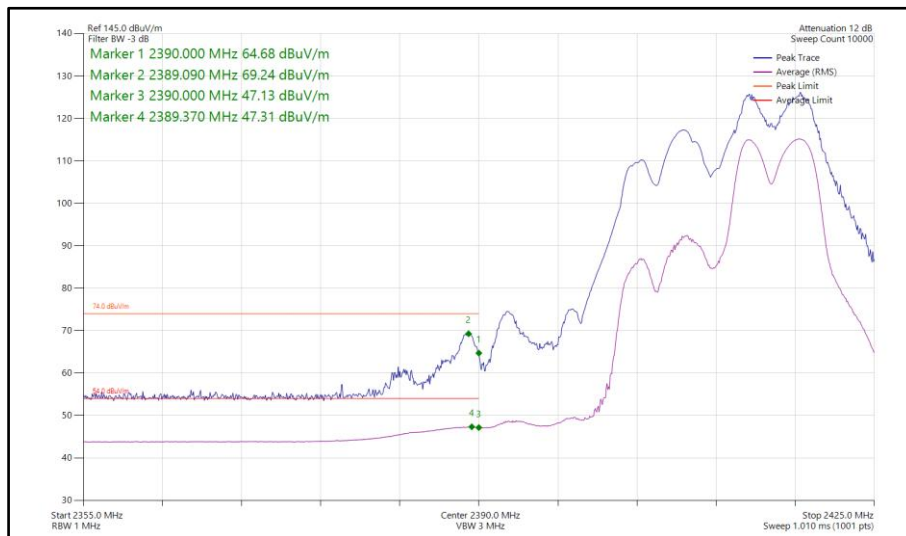
Figure 52 - 802.11n HT20, SDM, Core 0-1 - 2412 MHz
Band Edge Frequency 2390 MHz



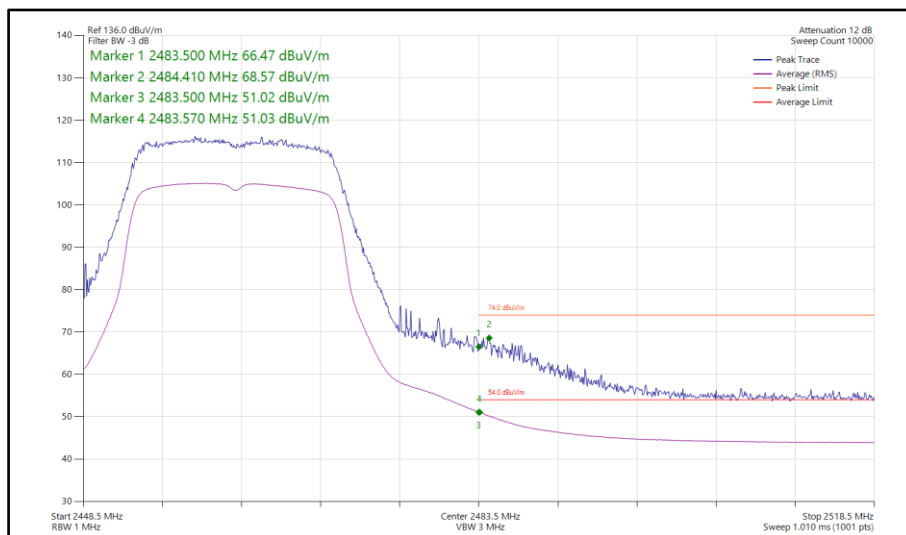
**Figure 53 - 802.11ax HE20, SU, SDM, Core 0-1 - 2412 MHz
Band Edge Frequency 2390 MHz**



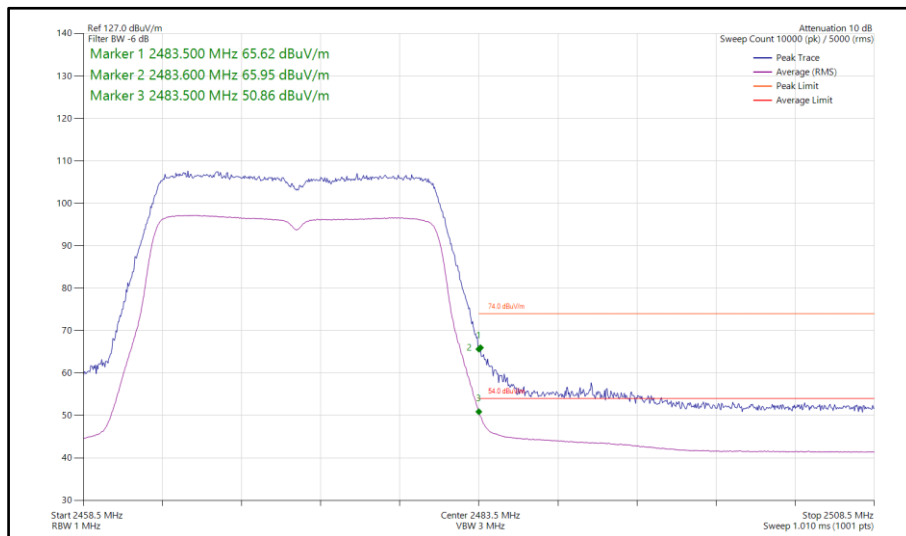
**Figure 54 - 802.11ax HE20, RU 52-37, SDM, Core 0-1 - 2412 MHz
Band Edge Frequency 2390 MHz**



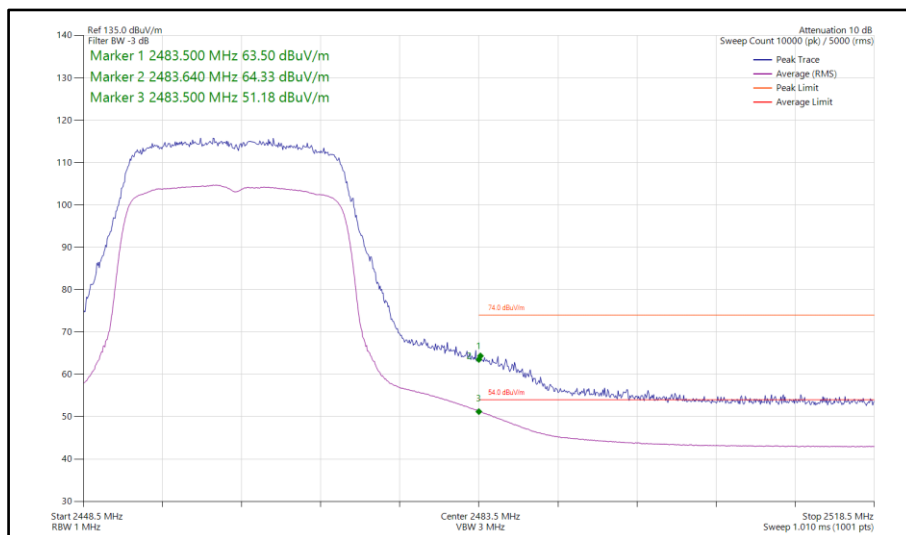
**Figure 55 - 802.11be EHT20, SDM, Core 0-1 - 2412 MHz
Band Edge Frequency 2390 MHz**



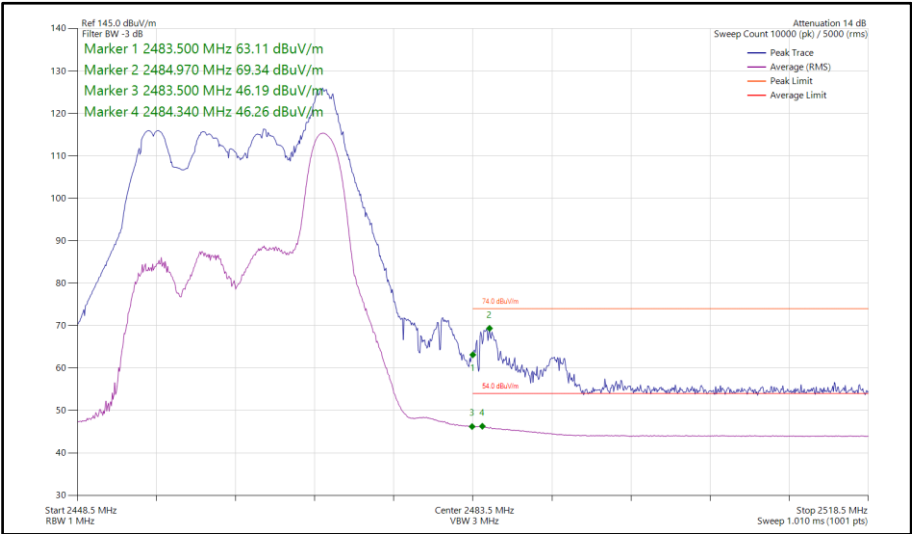
**Figure 56 - 802.11n HT20, SDM, Core 0-1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**



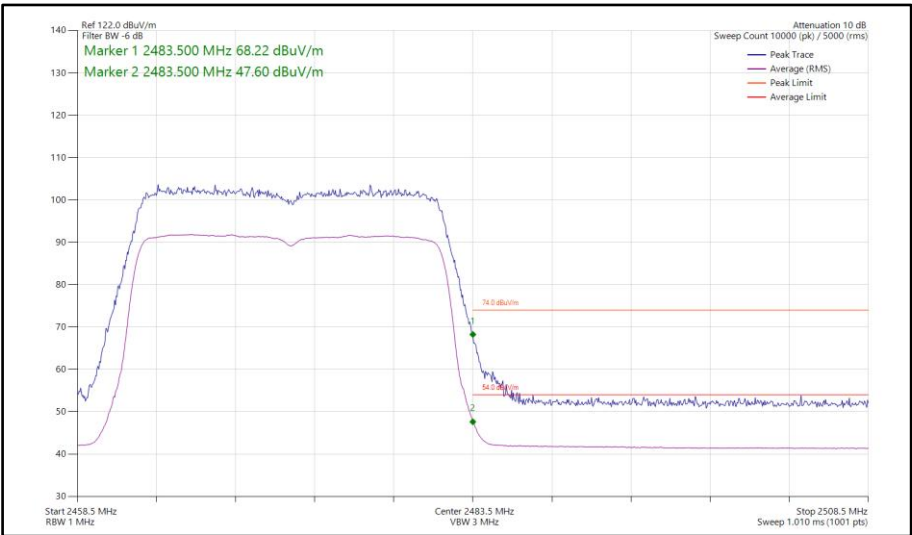
**Figure 57 - 802.11n HT20, SDM, Core 0-1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**



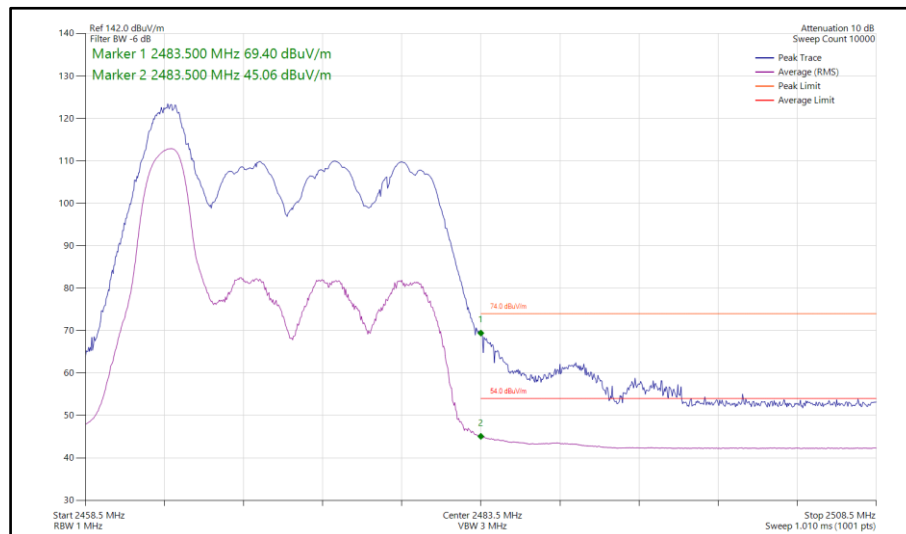
**Figure 58 - 802.11ax HE20, SU, SDM, Core 0-1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**



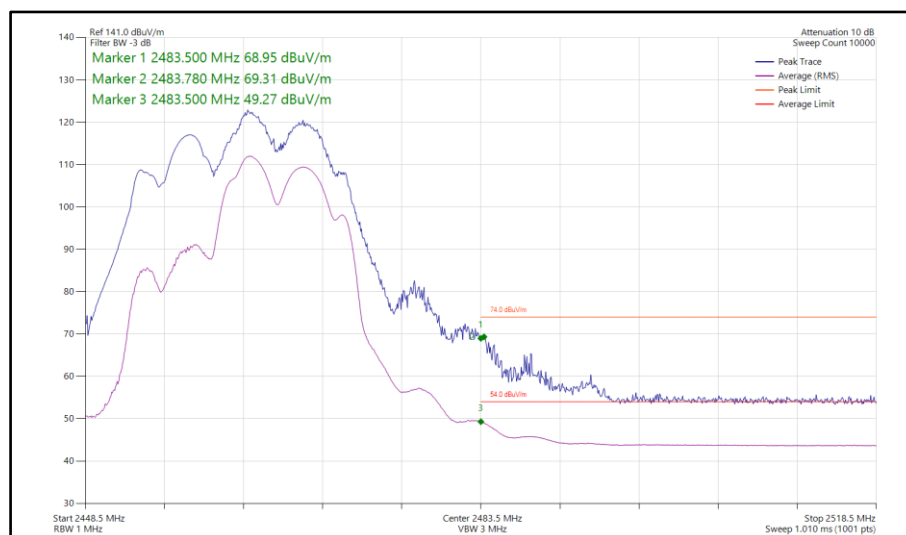
**Figure 59 - 802.11ax HE20, RU 26-8, SDM, Core 0-1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**



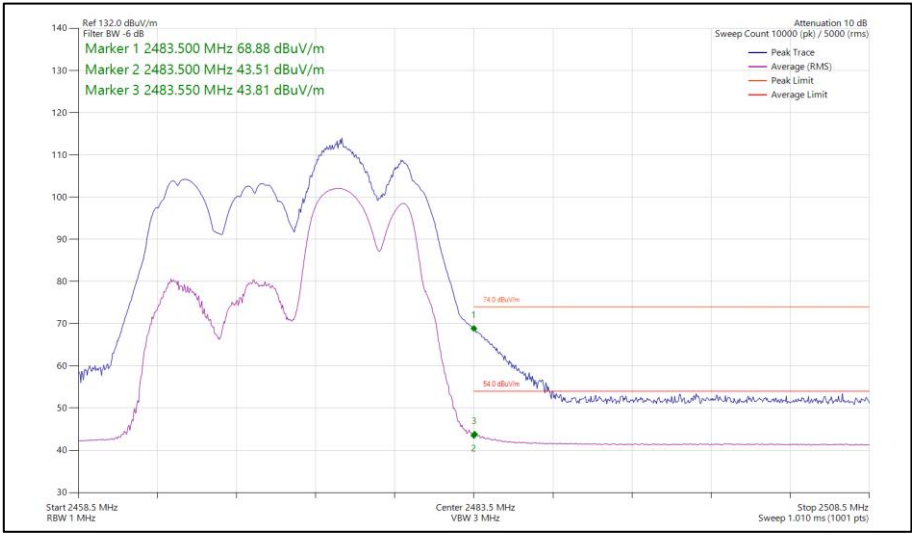
**Figure 60 - 802.11ax HE20, SU, SDM, Core 0-1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 61 - 802.11ax HE20, RU 26-0, SDM, Core 0-1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 62 - 802.11be EHT20, SDM, Core 0-1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**

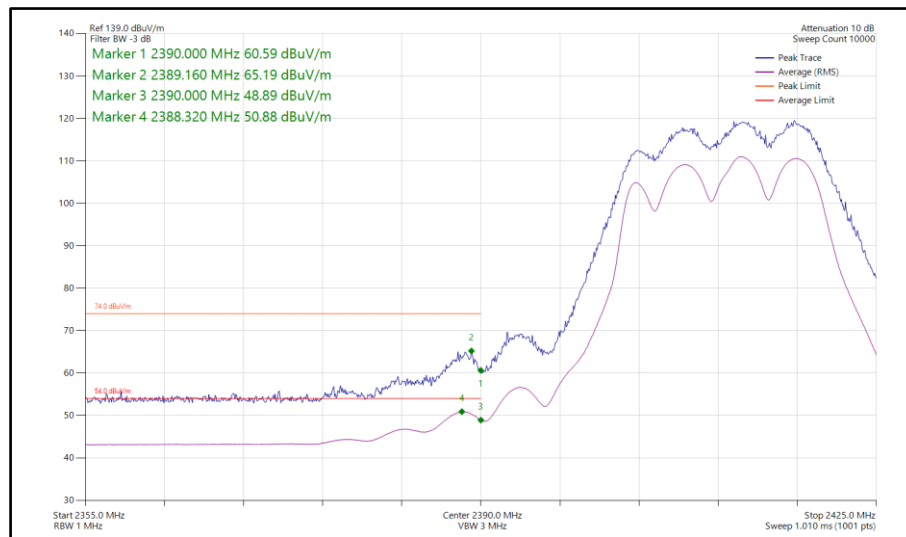


**Figure 63 - 802.11be EHT20, SDM, Core 0-1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**

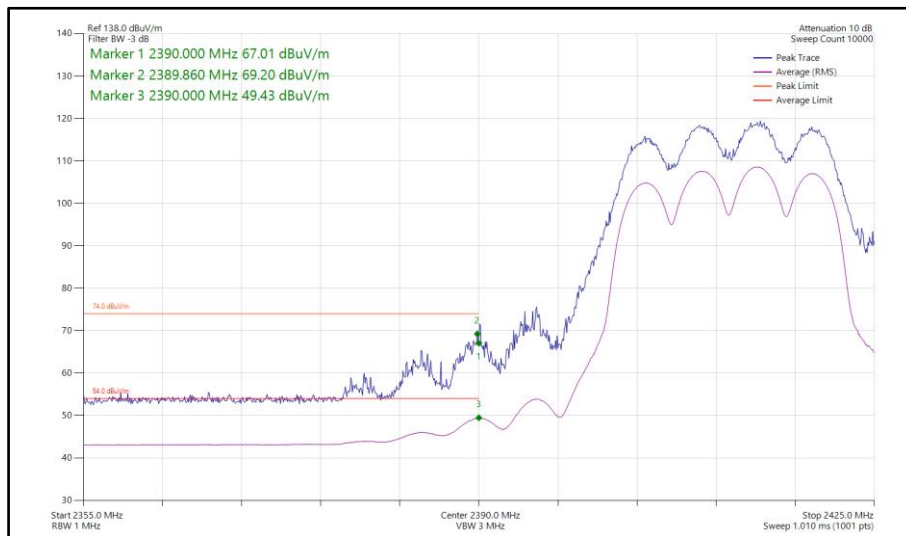
20 MHz Bandwidth - Core 0-1 (TxBF)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ac VHT20	MCS 2x1	-	-	2412	2390	65.19	50.88
802.11ax HE20	MCS 9x1	SU	-	2412	2390	69.20	49.43
802.11ac VHT20	MCS 4x1	-	-	2462	2483.5	65.71	51.29
802.11ac VHT20	MCS 2x1	-	-	2472	2483.5	66.17	50.63
802.11ax HE20	MCS 9x1	SU	-	2462	2483.5	66.51	50.40
802.11ax HE20	MCS 9x1	SU	-	2472	2483.5	69.48	50.08

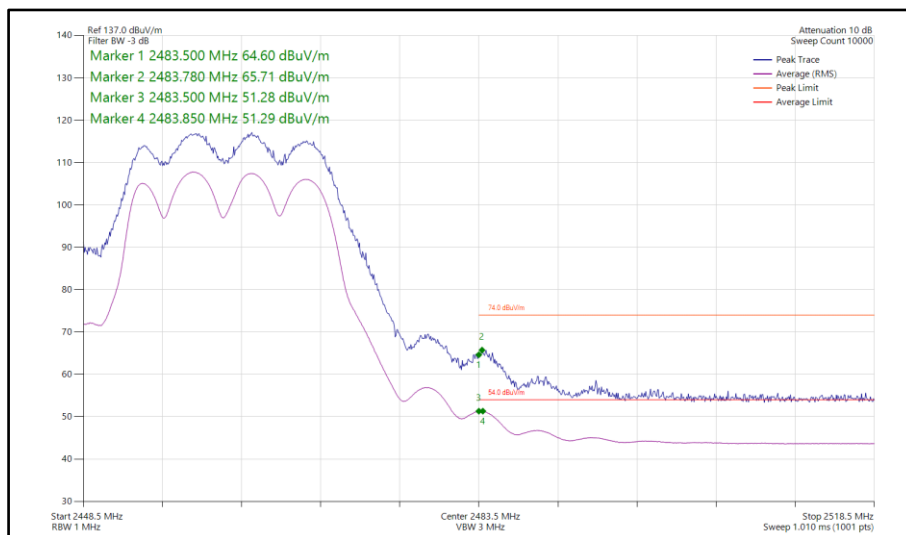
Table 12 - TxBF Restricted Band Edge Results



**Figure 64 - 802.11ac VHT20, TxBF, Core 0-1 - 2412 MHz
Band Edge Frequency 2390 MHz**



**Figure 65 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2412 MHz
Band Edge Frequency 2390 MHz**



**Figure 66 - 802.11ac VHT20, TxBF, Core 0-1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**