

# FCC and ISED Test Report

Apple Inc  
Model: A3247



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

Prepared for: Apple Inc  
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Cupertino  
California  
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USA

FCC ID: BCGA3247

IC: 579C-A3247

## COMMERCIAL-IN-CONFIDENCE

Document 75960488-14 Issue 01

### SIGNATURE

NAME	JOB TITLE	RESPONSIBLE FOR	ISSUE DATE
Matthew Russell	Chief Engineer	Authorised Signatory	18 September 2024

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	Lauren Walters	18 September 2024	

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: 2023, ISED RSS-247: Issue 3 (2023-08) and 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	18-Sept-2024

**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: 2023 ISED RSS-247: Issue 3 (2023-08) ISED RSS-GEN: Issue 5 (2018-04) + A2 (2021-02)
Start of Test	15-April-2024
Finish of Test	08-August-2024
Name of Engineer(s)	Ahmed Al Dirdiri, Elliot Callender, Ioan-Alexandru Bogatu, Manohar Thota, David Hill, Mahmud Bari Chowdhury and Ian Hart
Related Document(s)	ANSI C63.4 (2014) ANSI C63.10 (2020) 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 and 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 Bluetooth LE/HDR						
-	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	3.3	8.10	Restricted Band Edges	Pass	ANSI C63.10 (2020)
2.2	15.247 (a)(2)	5.2	6.7	Emission Bandwidth	Pass	ANSI C63.10 (2020)
2.3	15.247 (b)	5.4	6.12	Maximum Conducted Output Power	Pass	ANSI C63.10 (2020) KDB 662911 D01 v02r01
2.4	15.247 (d)	5.5	-	Authorised Band Edges	Pass	ANSI C63.10 (2020)
2.5	15.209 and 15.247 (d)	3.3 and 5.5	6.13 and 8.9	Spurious Radiated Emissions	Pass	ANSI C63.4 (2014) ANSI C63.10 (2020)
2.6	15.247 (e)	5.2	6.12	Power Spectral Density	Pass	ANSI C63.10 (2020) KDB 662911 D01 v02r01

**Table 2**



## 1.4 Product Information

### 1.4.1 Technical Description

The equipment under test (EUT) was a desktop computer.

### 1.4.2 Test Modes

The EUT's 2.4 GHz Bluetooth radio supports SISO (Single Input/Single Output) operation on three different cores (Core 0, 1, and 2). It also supports MIMO (Multiple Input/Multiple Output) beamforming operation on Cores 0+1. The EUT supports HDR4 (4-DH5), HDR8 (8-DH5), LE1M and LE2M.

Core 0 and Core 1 also operate at two power settings: low power "iPA" and high power "ePA", with core 2 only supporting the lower power mode. The EUT uses different output powers per core dependent on how many cores are used.

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

SISO modes:

- HDR4 - iPA - Core 0
- HDR8 - iPA - Core 0
- LE1M - iPA - Core 0
- LE2M - iPA - Core 0
- HDR4 - iPA - Core 2
- HDR8 - iPA - Core 2
- LE1M - iPA - Core 2
- LE2M - iPA - Core 2
- HDR4 - ePA - Core 0
- HDR8 - ePA - Core 0
- LE1M - ePA - Core 0
- LE2M - ePA - Core 0

MIMO modes:

- HDR4 - iPA - Core 0 + Core 1
- HDR8 - iPA - Core 0 + Core 1
- LE1M - iPA - Core 0 + Core 1
- LE2M - iPA - Core 0 + Core 1
- HDR4 - ePA - Core 0 + Core 1
- HDR8 - ePA - Core 0 + Core 1
- LE1M - ePA - Core 0 + Core 1
- LE2M - ePA - Core 0 + Core 1

### 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 all tests the EUT was put into a continuous transmit/receive test mode with the chipset manufacturer's test commands to ensure the measured signals were representative.

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	2400 to 2480	2.60	1.32
Core 1	2400 to 2480	2.30	1.37
Dedicated Core 2	2400 to 2480	1.40	1.31

**Table 3**

**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: A3247			
Serial Number	Hardware Version	Software Version	Firmware
KN47NTDQRY	REV1.0	24A81452a	22.1.65.459
CFK34L4W7N	REV1.0	24A81452a	22.1.65.459
CMVW5QCY3C	REV1.0	24A81452a	22.1.65.459

**Table 4**

**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: A3247, Serial Number: KN47NTDQRY			
0	As supplied by the customer	Not Applicable	Not Applicable
Model: A3247, Serial Number: CFK34L4W7N			
0	As supplied by the customer	Not Applicable	Not Applicable
Model: A3247, Serial Number: CMVW5QCY3C			
0	As supplied by the customer	Not Applicable	Not Applicable

**Table 5**



### 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 Bluetooth LE/HDR		
Restricted Band Edges	Ahmed Al Derdiri, Elliot Callender, Ioan-Alexandru Bogatu and Manohar Thota	UKAS
Emission Bandwidth	David Hill and Mahmud Bari Chowdhury	UKAS
Maximum Conducted Output Power	David Hill and Mahmud Bari Chowdhury	UKAS
Authorised Band Edges	Ahmed Al Derdiri, Elliot Callender, Ioan-Alexandru Bogatu and Manohar Thota	UKAS
Spurious Radiated Emissions	Elliot Callender, Ian Hart and Ioan-Alexandru Bogatu	UKAS
Power Spectral Density	David Hill and Mahmud Bari Chowdhury	UKAS

**Table 6**

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 3.3  
ISED RSS-GEN, Clause 8.10

#### 2.1.2 Equipment Under Test and Modification State

A3247, S/N: KN47NTDQRY - Modification State 0

#### 2.1.3 Date of Test

15-April-2024 to 31-May-2024

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

#### 2.1.5 Environmental Conditions

Ambient Temperature	22.7 - 23.2 °C
Relative Humidity	41.0 - 52.6 %





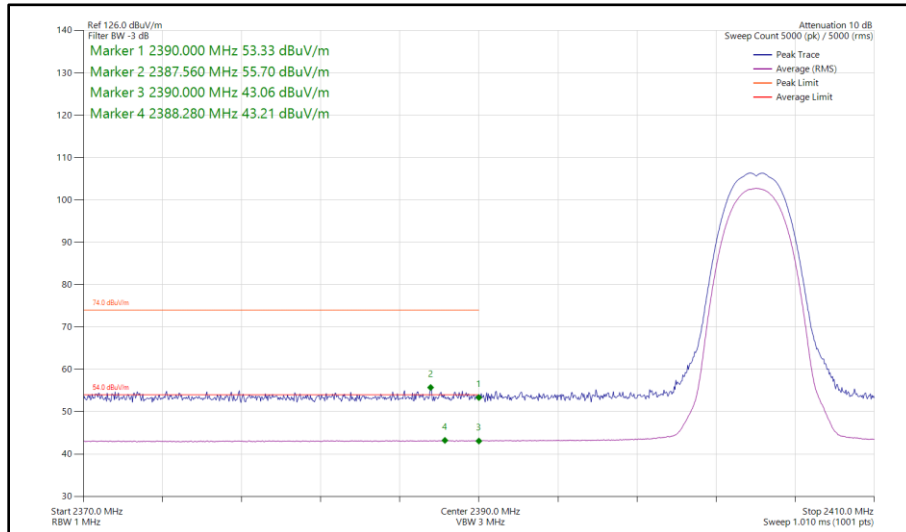
**2.1.6 Test Results**

2.4 GHz Bluetooth LE/HDR

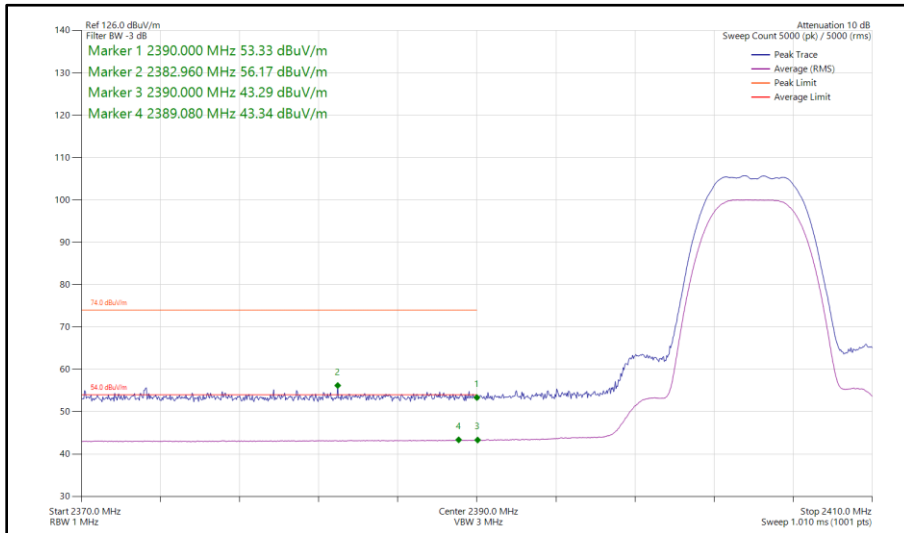
iPA - Core 0 (SISO)

Mode	Packet Type	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Static	HDR4	2404	2390	55.70	43.21
Static	HDR8	2404	2390	56.17	43.34
Static	LE1M	2402	2390	55.38	43.24
Static	LE2M	2402	2390	55.74	43.33
Static	HDR4	2476	2483.5	54.27	41.85
Static	HDR4	2478	2483.5	54.30	41.93
Static	HDR8	2476	2483.5	54.09	42.28
Static	HDR8	2478	2483.5	61.25	50.00
Static	LE1M	2478	2483.5	53.81	42.04
Static	LE1M	2480	2483.5	54.17	42.56
Static	LE2M	2478	2483.5	54.10	42.16
Static	LE2M	2480	2483.5	57.92	48.84

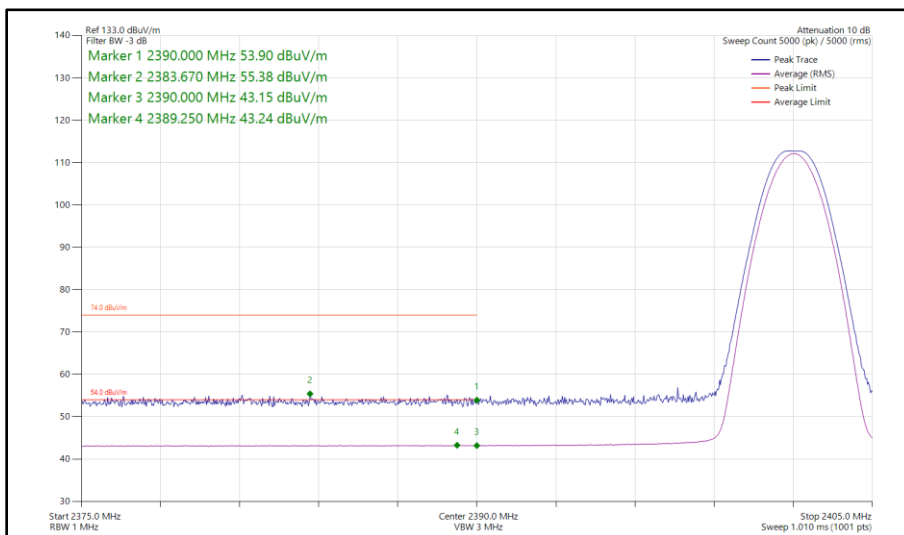
**Table 7 - SISO Restricted Band Edge Results**



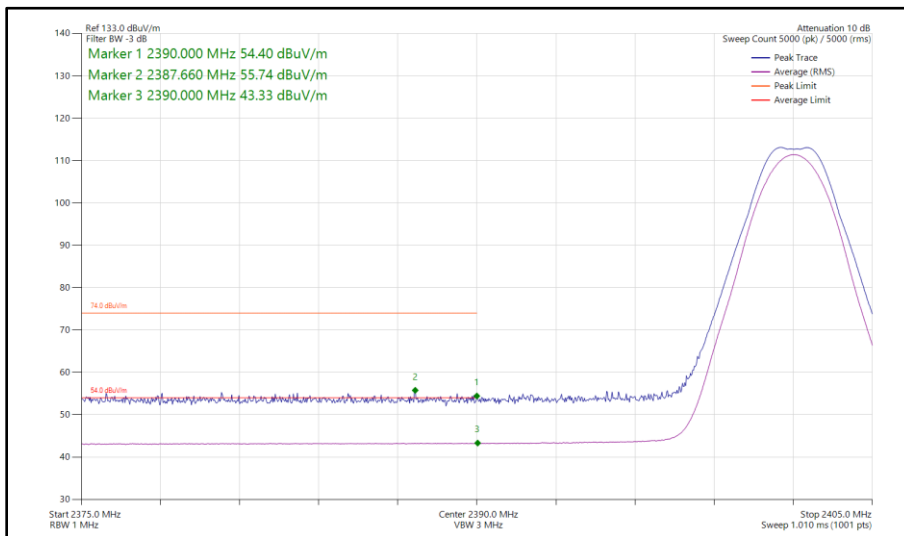
**Figure 1 - Bluetooth HDR4, SISO, Core 0 - 2404 MHz  
 Band Edge Frequency 2390 MHz**



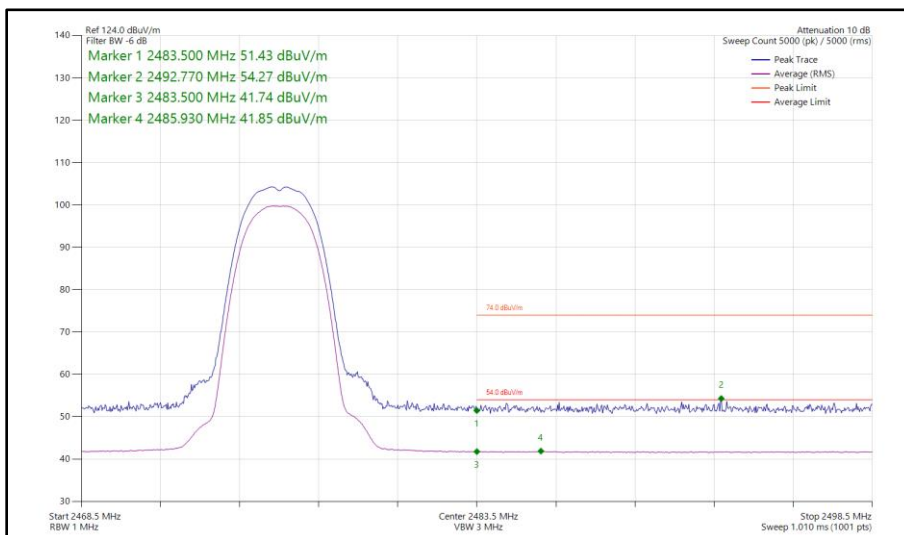
**Figure 2 - Bluetooth HDR8, SISO, Core 0 - 2404 MHz  
Band Edge Frequency 2390 MHz**



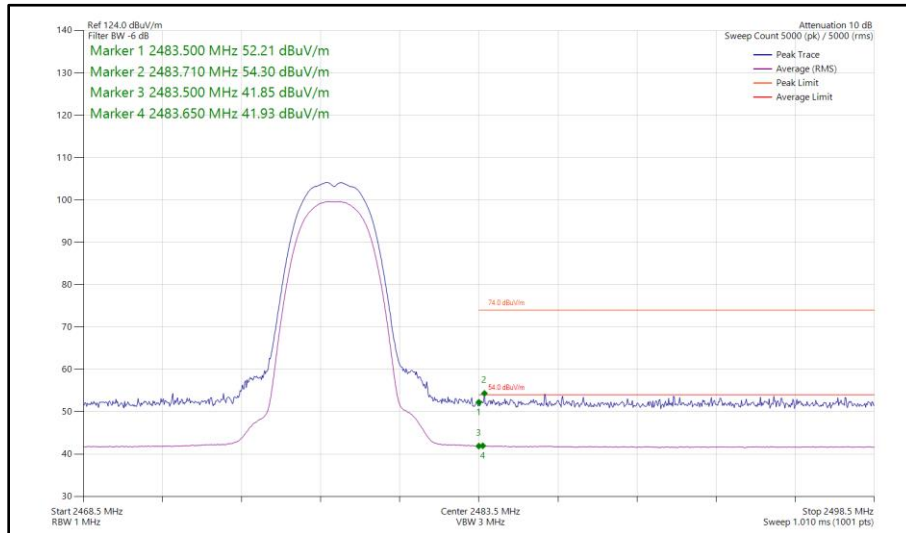
**Figure 3 - Bluetooth LE1M, SISO, Core 0 - 2402 MHz  
Band Edge Frequency 2390 MHz**



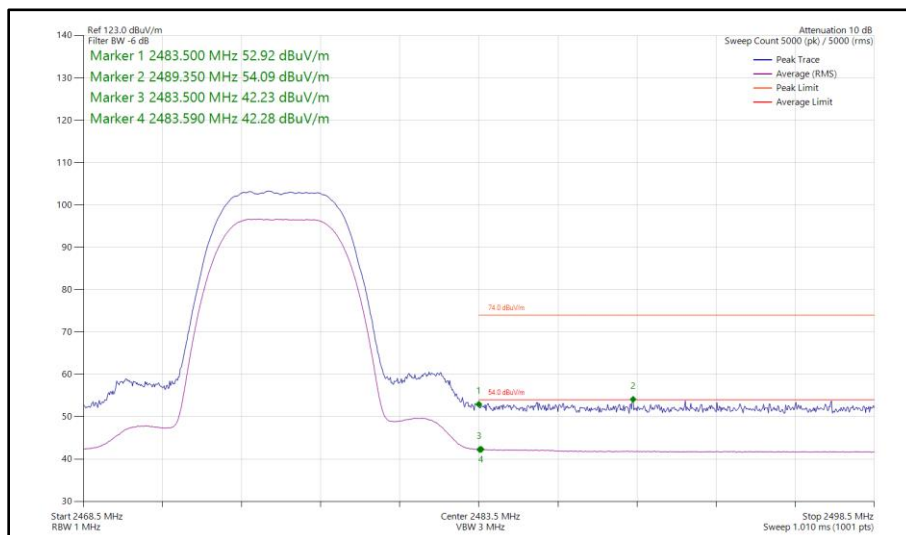
**Figure 4 - Bluetooth LE2M, SISO, Core 0 - 2402 MHz  
Band Edge Frequency 2390 MHz**



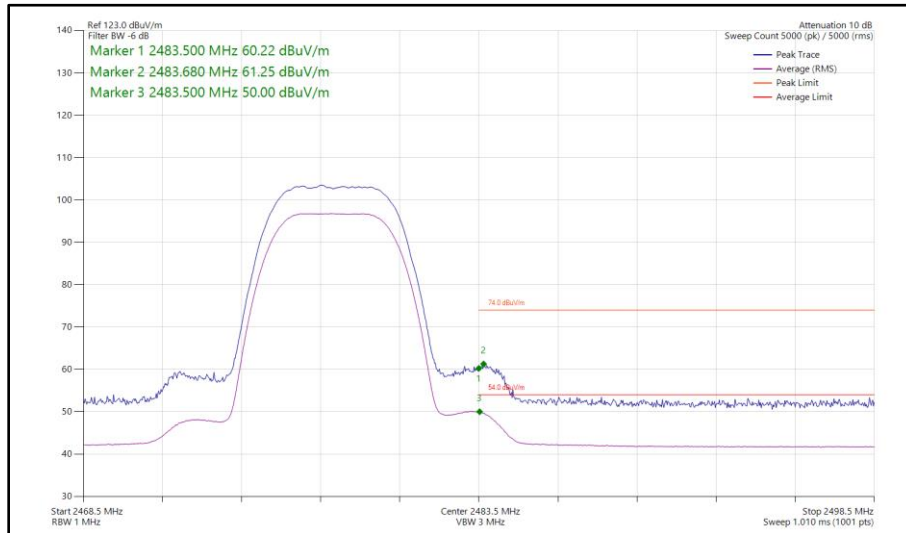
**Figure 5 - Bluetooth HDR4, SISO, Core 0 - 2476 MHz  
Band Edge Frequency 2483.5 MHz**



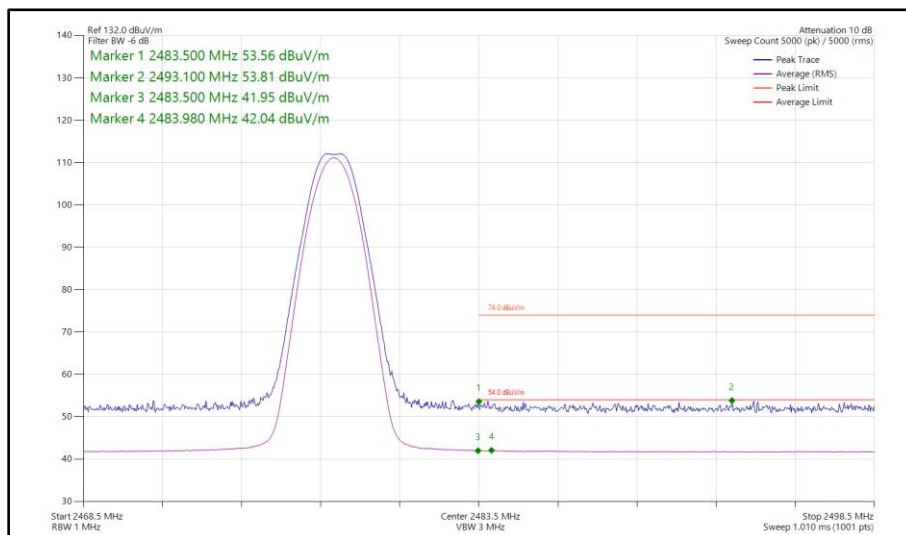
**Figure 6 - Bluetooth HDR4, SISO, Core 0 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**



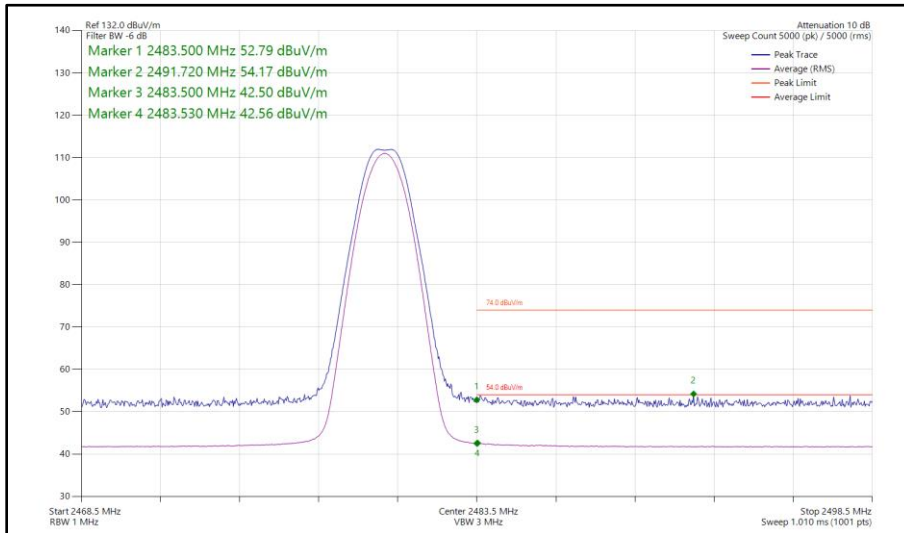
**Figure 7 - Bluetooth HDR8, SISO, Core 0 - 2476 MHz  
Band Edge Frequency 2483.5 MHz**



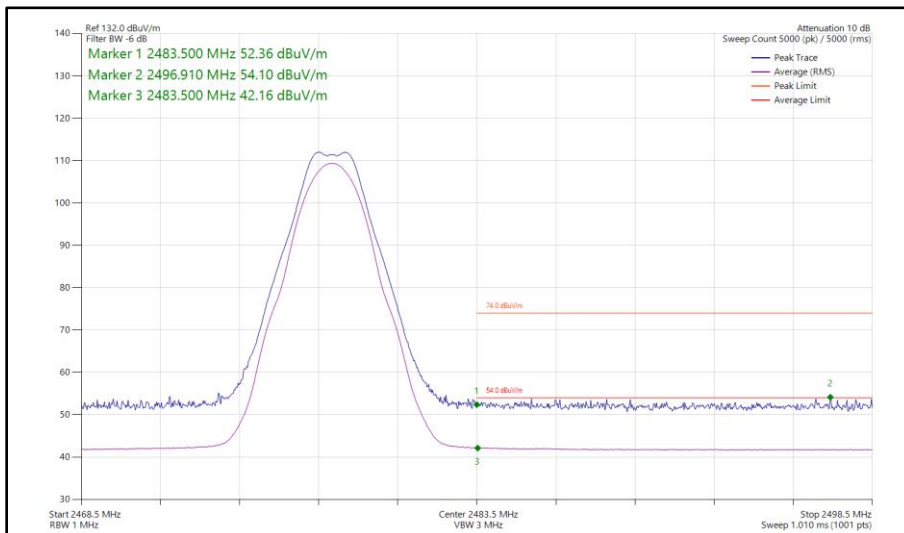
**Figure 8 - Bluetooth HDR8, SISO, Core 0 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**



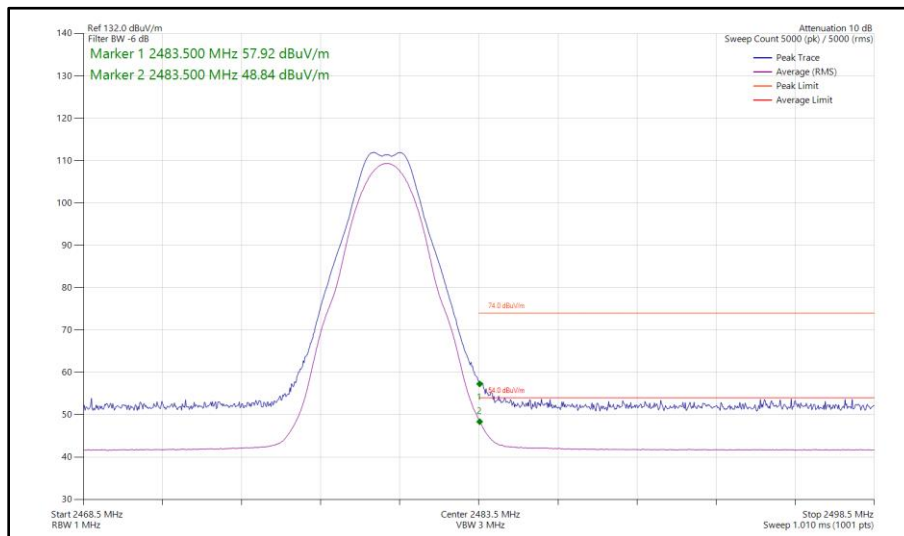
**Figure 9 - Bluetooth LE1M, SISO, Core 0 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**



**Figure 10 - Bluetooth LE1M, SISO, Core 0 - 2480 MHz  
Band Edge Frequency 2483.5 MHz**



**Figure 11 - Bluetooth LE2M, SISO, Core 0 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**



**Figure 12 - Bluetooth LE2M, SISO, Core 0 - 2480 MHz  
Band Edge Frequency 2483.5 MHz**



iPA - Core 1 (SISO)

Mode	Packet Type	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Static	HDR4	2404	2390	55.32	43.04
Static	HDR8	2404	2390	55.21	43.14
Static	LE1M	2402	2390	55.82	43.46
Static	LE2M	2402	2390	56.80	43.56
Static	HDR4	2476	2483.5	53.40	41.78
Static	HDR4	2478	2483.5	53.60	41.97
Static	HDR8	2476	2483.5	53.88	42.52
Static	HDR8	2478	2483.5	62.12	51.27
Static	LE1M	2478	2483.5	54.46	42.51
Static	LE1M	2480	2483.5	54.41	42.76
Static	LE2M	2478	2483.5	54.50	42.73
Static	LE2M	2480	2483.5	54.63	44.56

Table 8 - SISO Restricted Band Edge Results

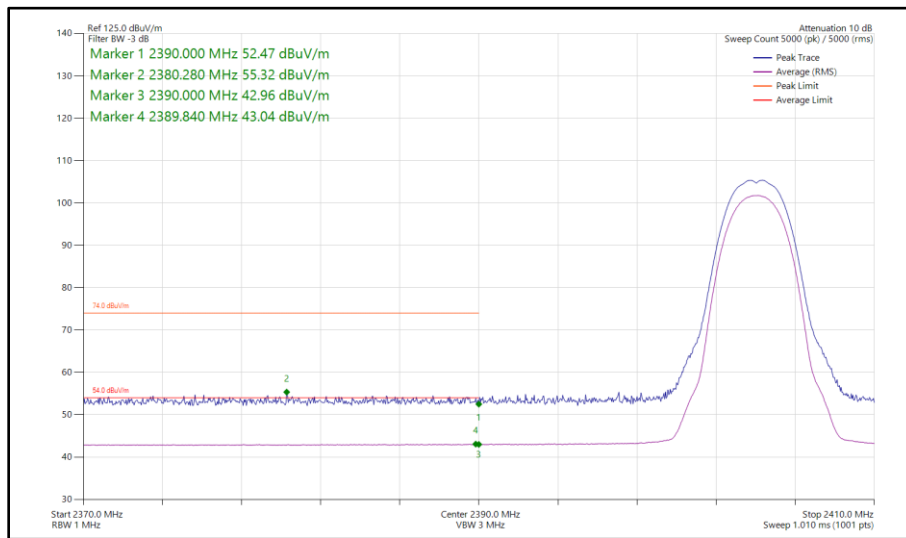
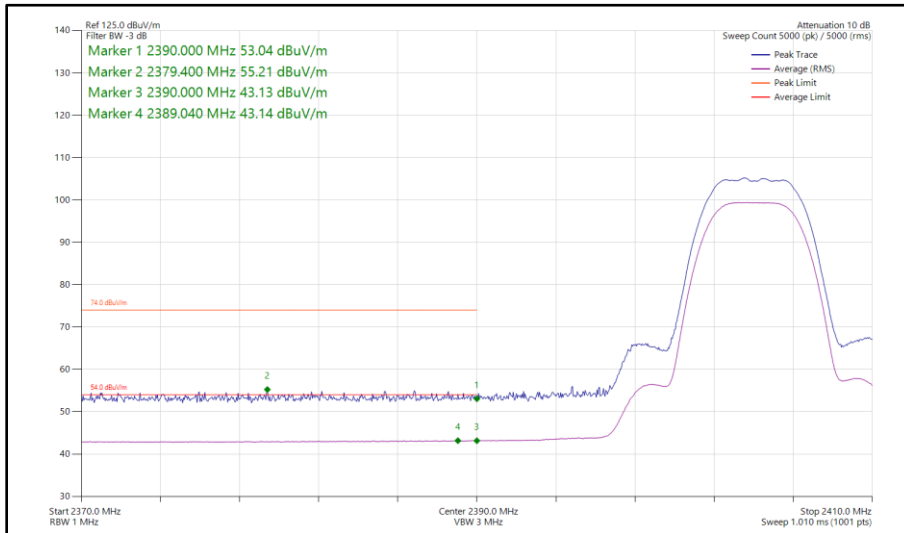
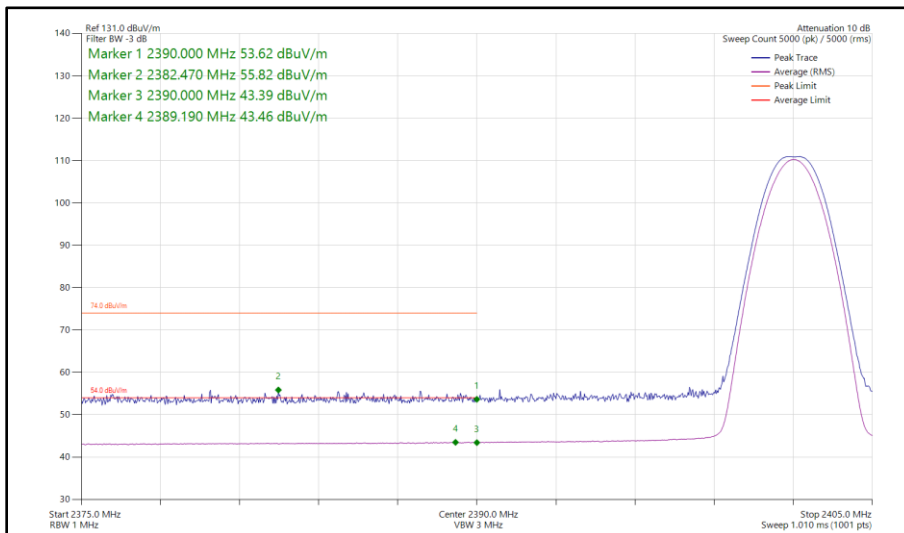


Figure 13 - Bluetooth HDR4, SISO, Core 1 - 2404 MHz  
 Band Edge Frequency 2390 MHz

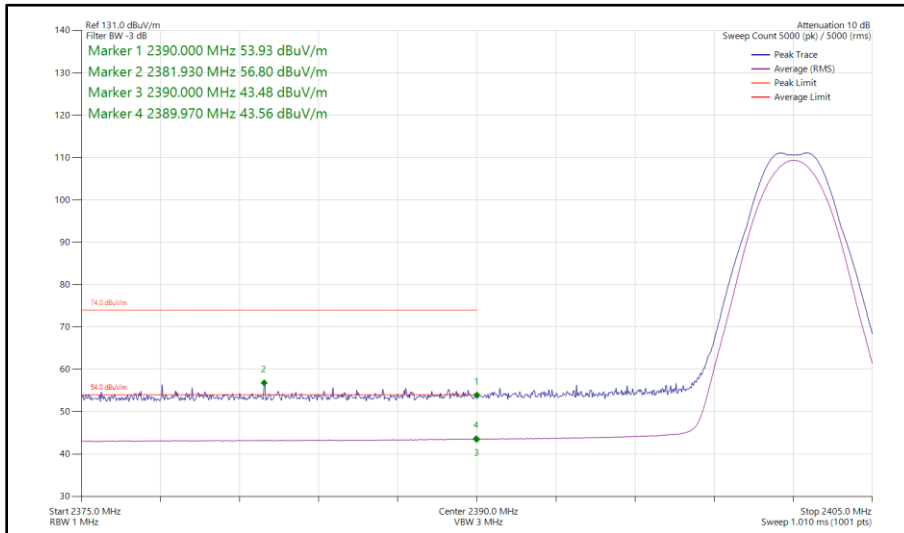




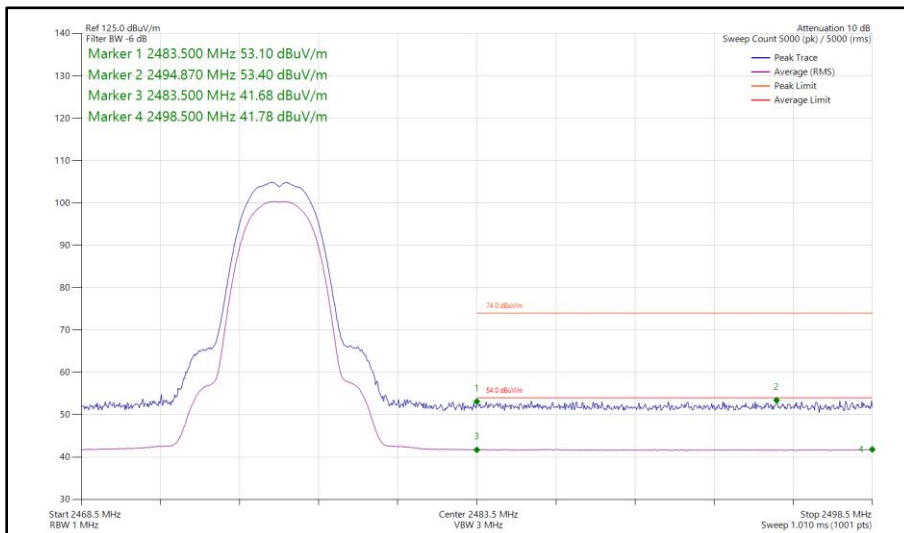
**Figure 14 - Bluetooth HDR8, SISO, Core 1 - 2404 MHz  
Band Edge Frequency 2390 MHz**



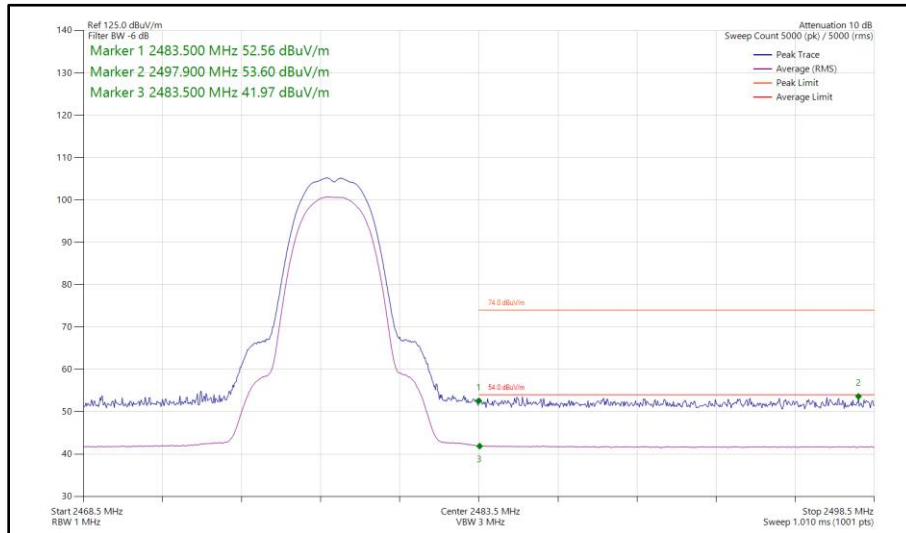
**Figure 15 - Bluetooth LE1M, SISO, Core 1 - 2402 MHz  
Band Edge Frequency 2390 MHz**



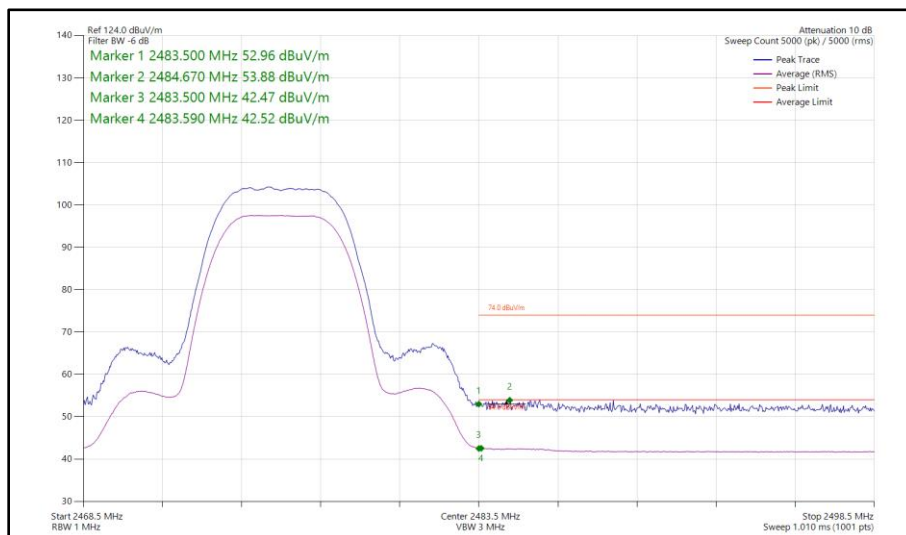
**Figure 16 - Bluetooth LE2M, SISO, Core 1 - 2402 MHz  
 Band Edge Frequency 2390 MHz**



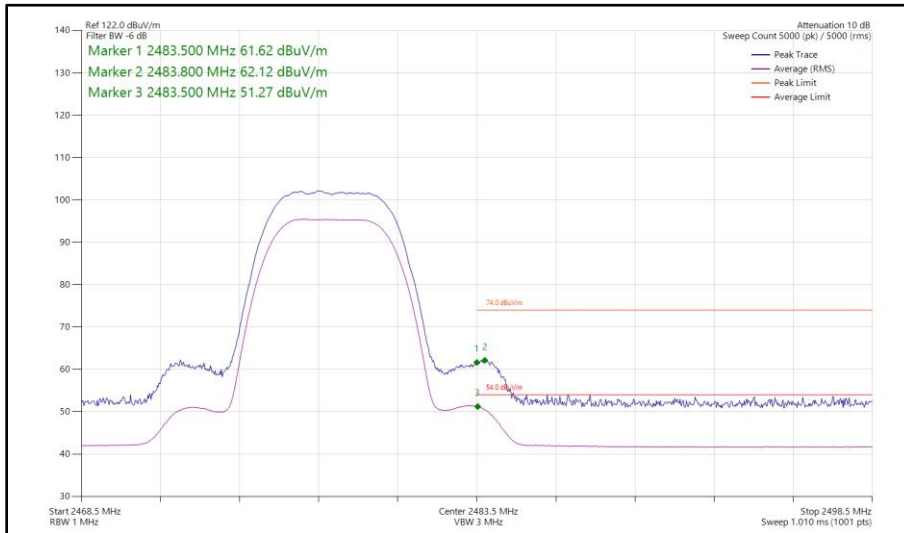
**Figure 17 - Bluetooth HDR4, SISO, Core 1 - 2476 MHz  
 Band Edge Frequency 2483.5 MHz**



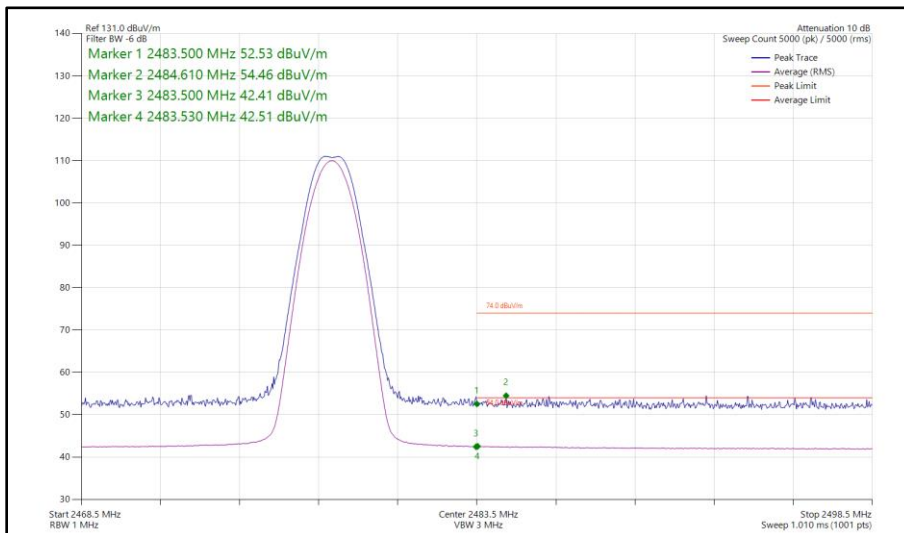
**Figure 18 - Bluetooth HDR4, SISO, Core 1 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**



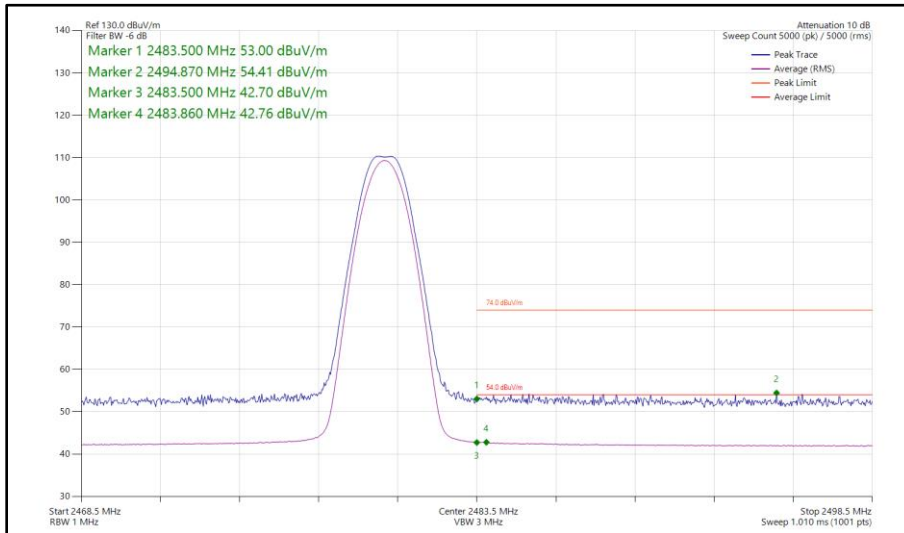
**Figure 19 - Bluetooth HDR8, SISO, Core 1 - 2476 MHz  
Band Edge Frequency 2483.5 MHz**



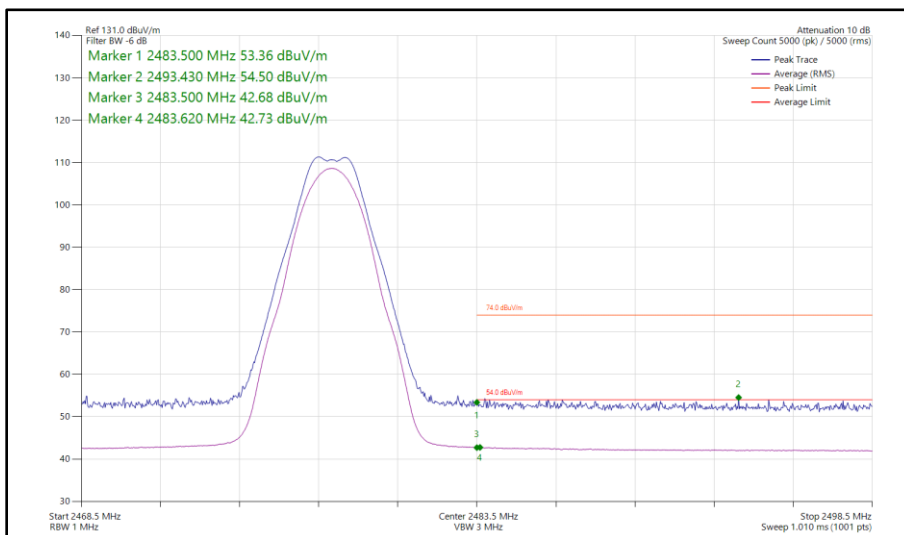
**Figure 20 - Bluetooth HDR8, SISO, Core 1 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**



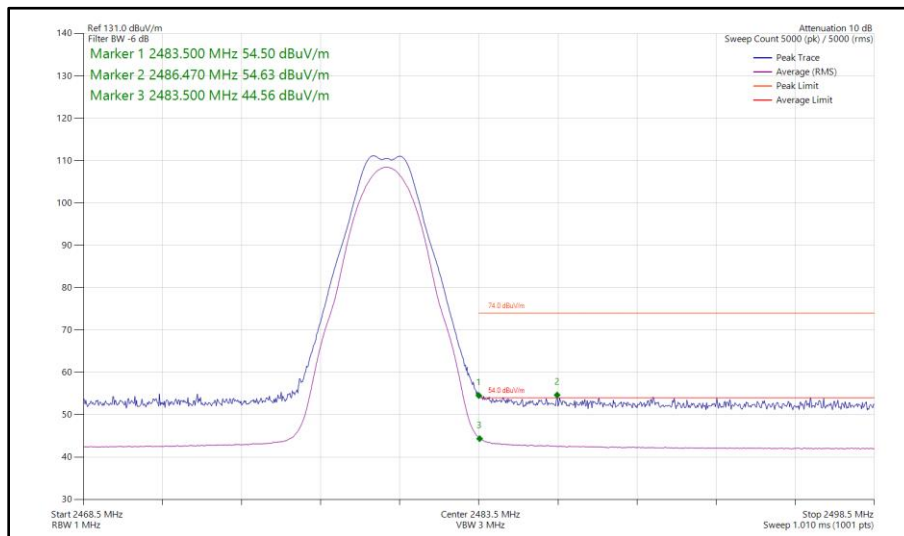
**Figure 21 - Bluetooth LE1M, SISO, Core 1 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**



**Figure 22 - Bluetooth LE1M, SISO, Core 1 - 2480 MHz  
Band Edge Frequency 2483.5 MHz**



**Figure 23 - Bluetooth LE2M, SISO, Core 1 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**



**Figure 24 - Bluetooth LE2M, SISO, Core 1 - 2480 MHz  
Band Edge Frequency 2483.5 MHz**



iPA - Core 2 (SISO)

Mode	Packet Type	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
Static	HDR4	2404	2390	56.62	44.17
Static	HDR8	2404	2390	56.20	44.19
Static	LE1M	2402	2390	56.12	44.16
Static	LE2M	2402	2390	56.33	44.15
Static	HDR4	2476	2483.5	55.72	43.17
Static	HDR4	2478	2483.5	55.77	43.17
Static	HDR8	2476	2483.5	55.07	43.36
Static	HDR8	2478	2483.5	60.34	48.22
Static	LE1M	2480	2483.5	55.07	43.35
Static	LE2M	2478	2483.5	55.20	43.22
Static	LE2M	2480	2483.5	58.63	48.65

Table 9 - SISO Restricted Band Edge Results

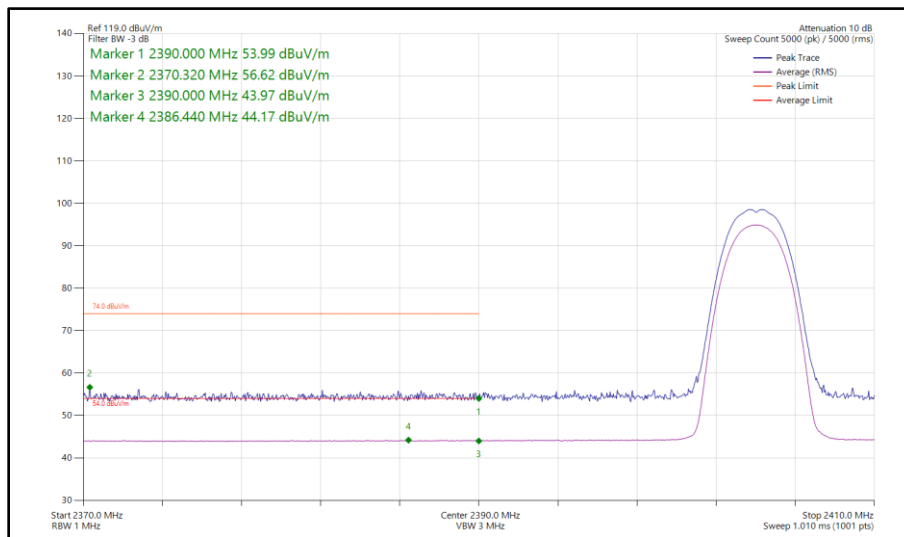
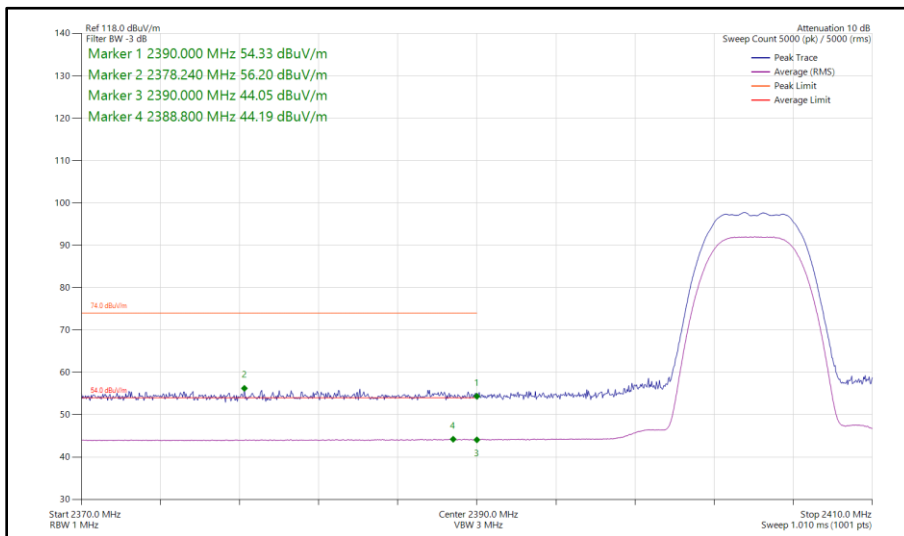
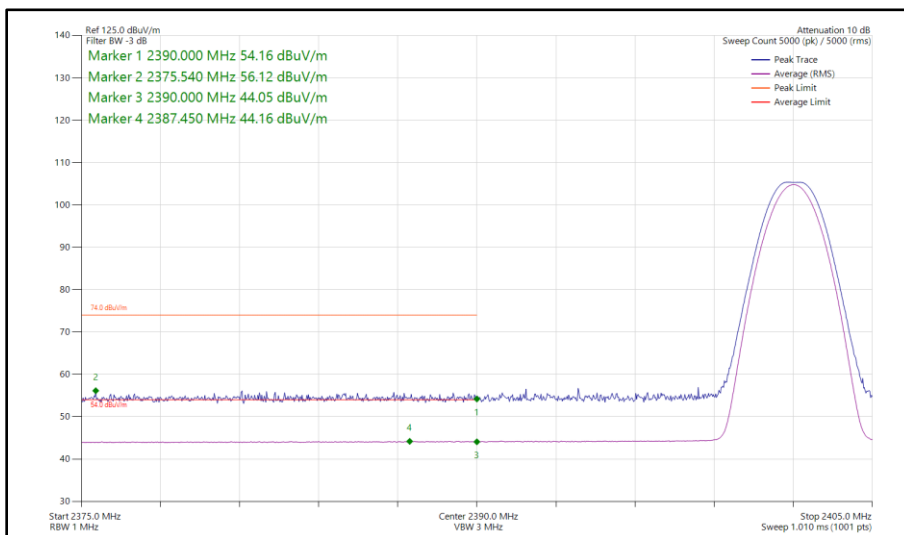


Figure 25 - Bluetooth HDR4, SISO, Core 2 - 2404 MHz  
 Band Edge Frequency 2390 MHz

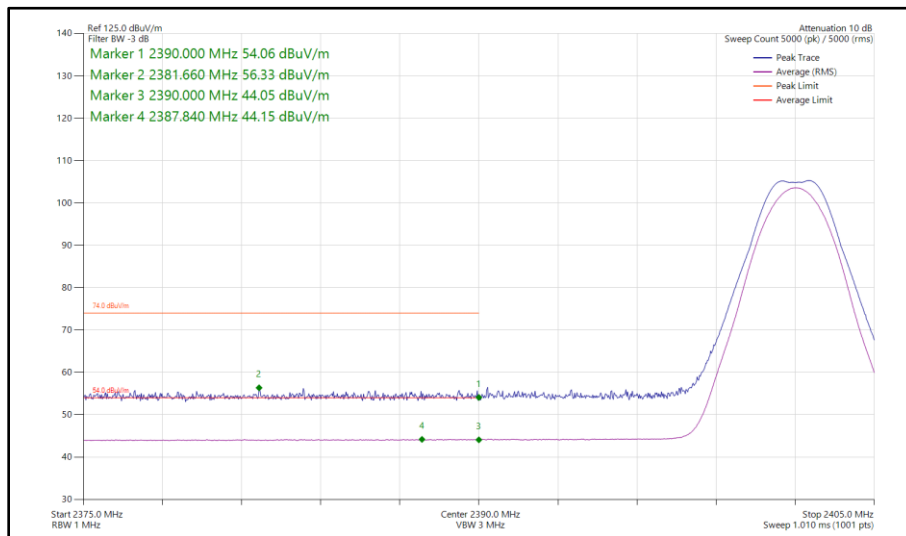


**Figure 26 - Bluetooth HDR8, SISO, Core 2 - 2404 MHz  
Band Edge Frequency 2390 MHz**

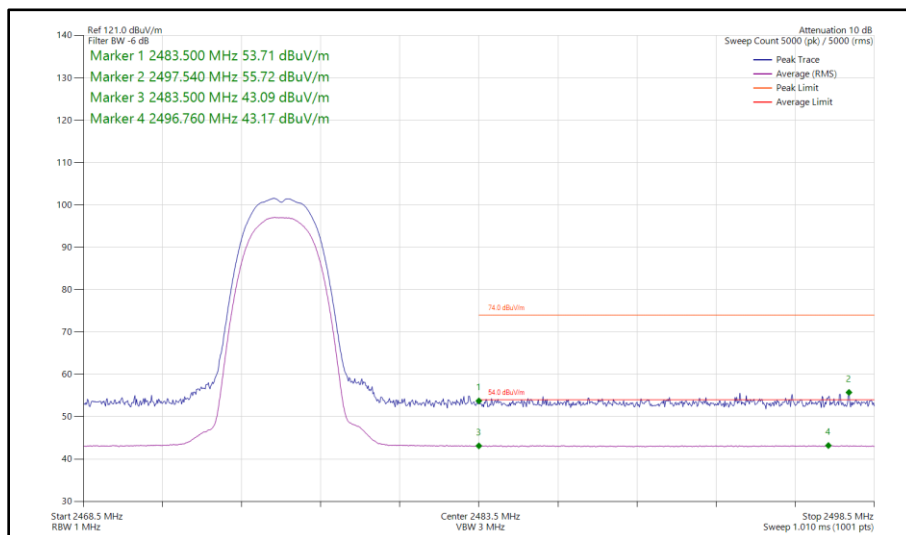


**Figure 27 - Bluetooth LE1M, SISO, Core 2 - 2402 MHz  
Band Edge Frequency 2390 MHz**

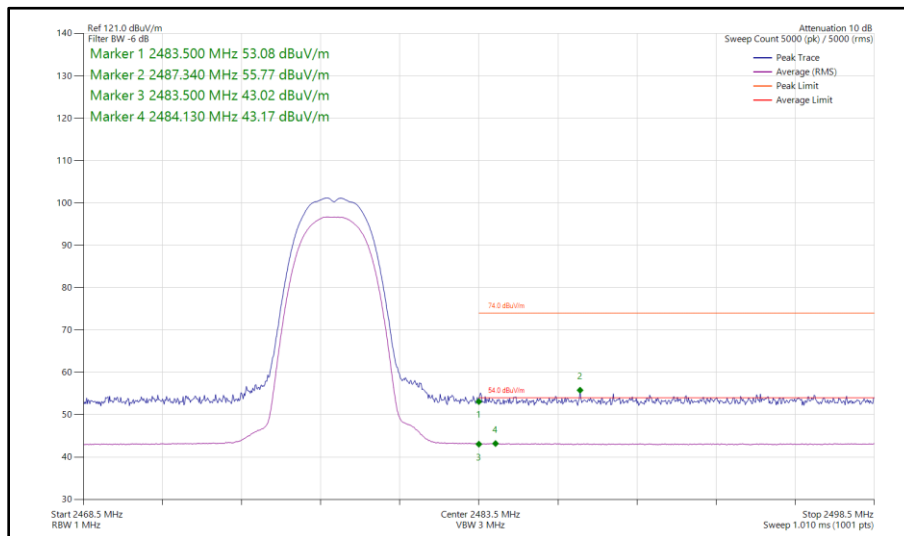




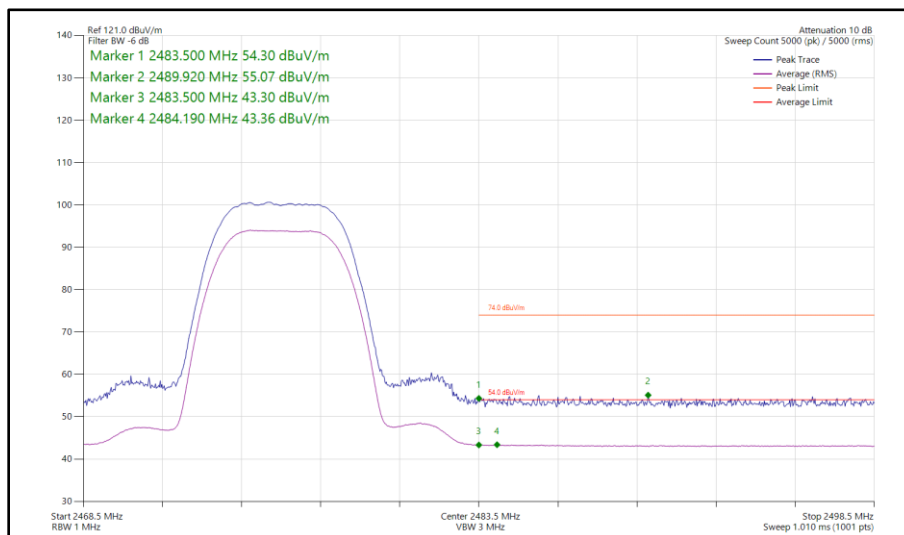
**Figure 28 - Bluetooth LE2M, SISO, Core 2 - 2402 MHz  
Band Edge Frequency 2390 MHz**



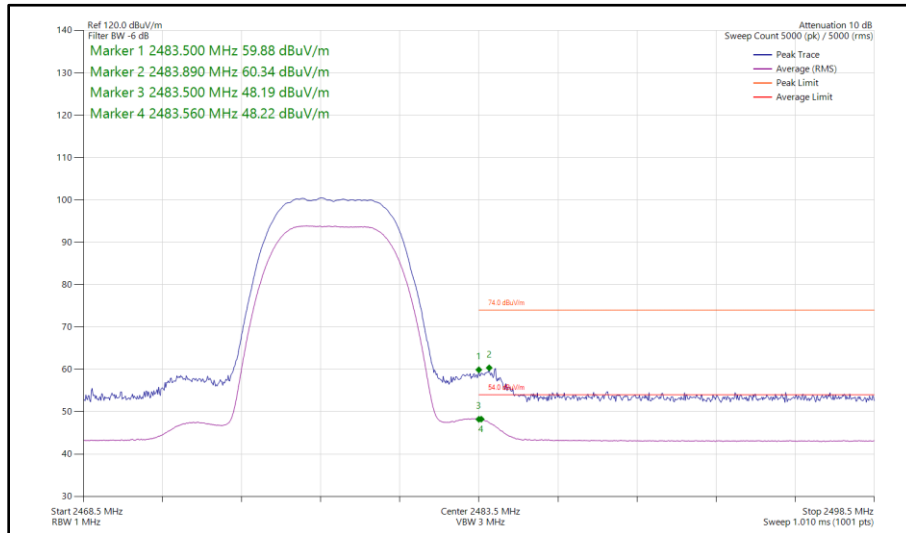
**Figure 29 - Bluetooth HDR4, SISO, Core 2 - 2476 MHz  
Band Edge Frequency 2483.5 MHz**



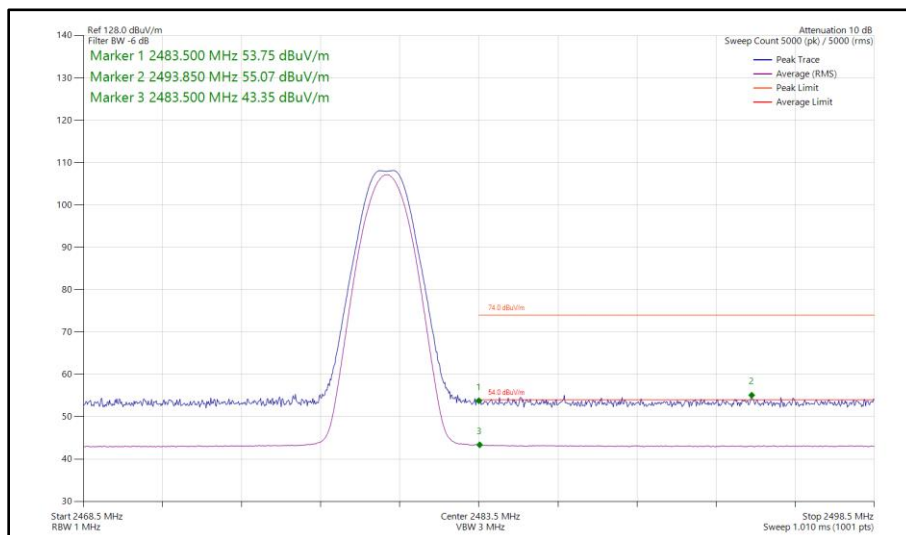
**Figure 30 - Bluetooth HDR4, SISO, Core 2 - 2478 MHz  
 Band Edge Frequency 2483.5 MHz**



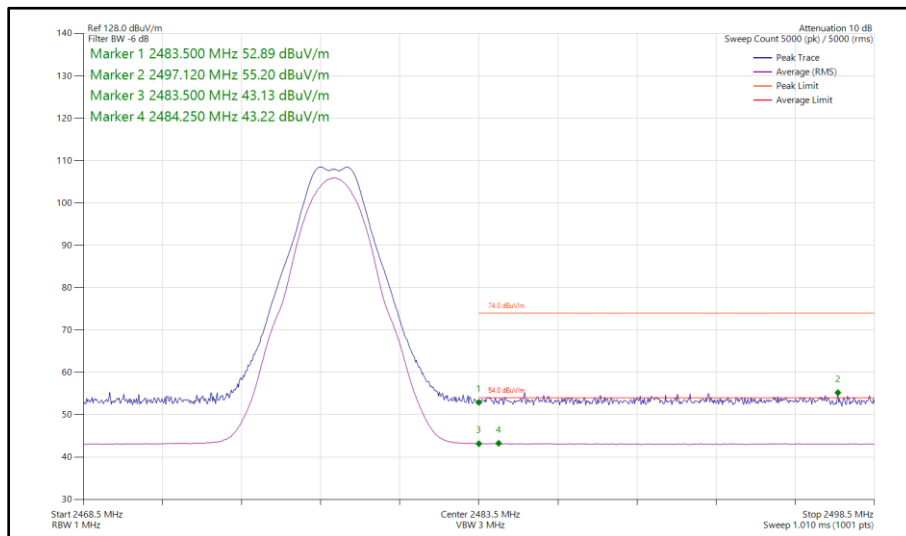
**Figure 31 - Bluetooth HDR8, SISO, Core 2 - 2476 MHz  
 Band Edge Frequency 2483.5 MHz**



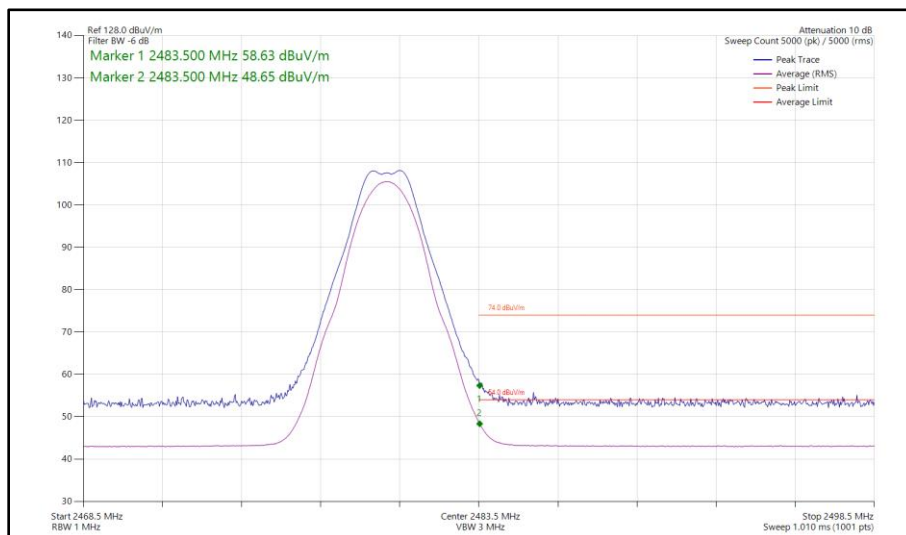
**Figure 32 - Bluetooth HDR8, SISO, Core 2 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**



**Figure 33 - Bluetooth LE1M, SISO, Core 2 - 2480 MHz  
Band Edge Frequency 2483.5 MHz**



**Figure 34 - Bluetooth LE2M, SISO, Core 2 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**



**Figure 35 - Bluetooth LE2M, SISO, Core 2 - 2480 MHz  
Band Edge Frequency 2483.5 MHz**



iPA - Core 0 - Core 1 (MIMO)

Mode	Packet Type	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Static	HDR4	2404	2390	56.64	44.13
Static	HDR8	2404	2390	55.98	44.21
Static	LE1M	2402	2390	56.32	44.21
Static	LE2M	2402	2390	56.63	44.24
Static	HDR4	2476	2483.5	55.10	43.25
Static	HDR4	2478	2483.5	55.21	43.34
Static	HDR8	2476	2483.5	55.97	43.41
Static	HDR8	2478	2483.5	61.48	50.71
Static	LE1M	2478	2483.5	53.79	42.01
Static	LE1M	2480	2483.5	55.56	43.68
Static	LE2M	2478	2483.5	55.43	43.53
Static	LE2M	2480	2483.5	57.21	48.20

Table 10 - MIMO Restricted Band Edge Results

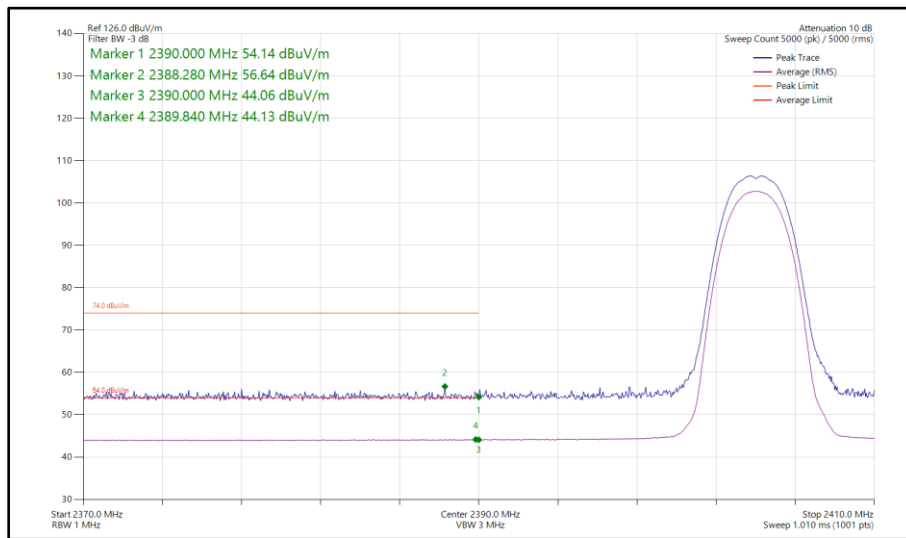
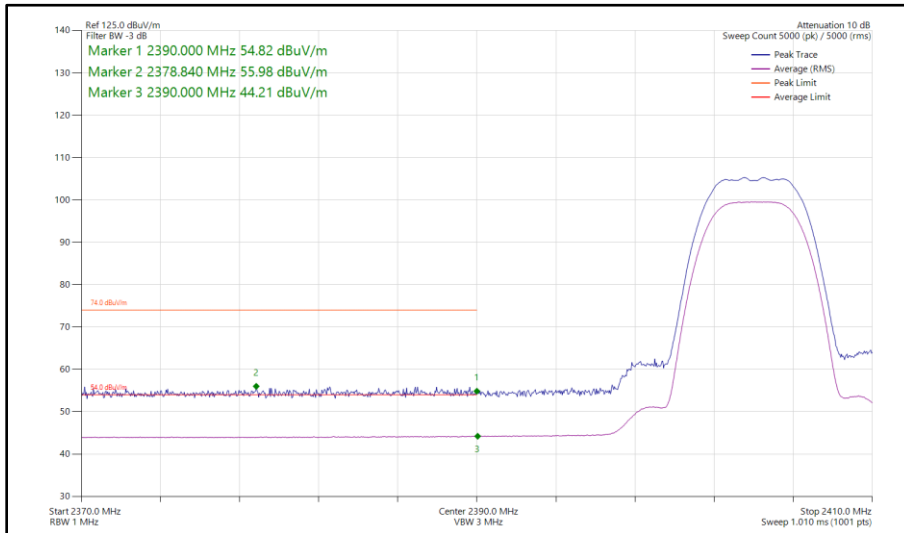
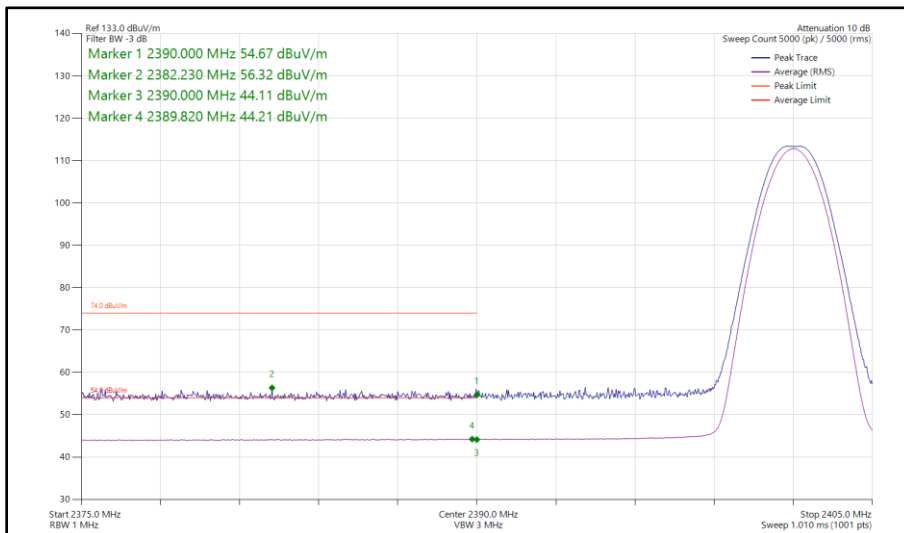


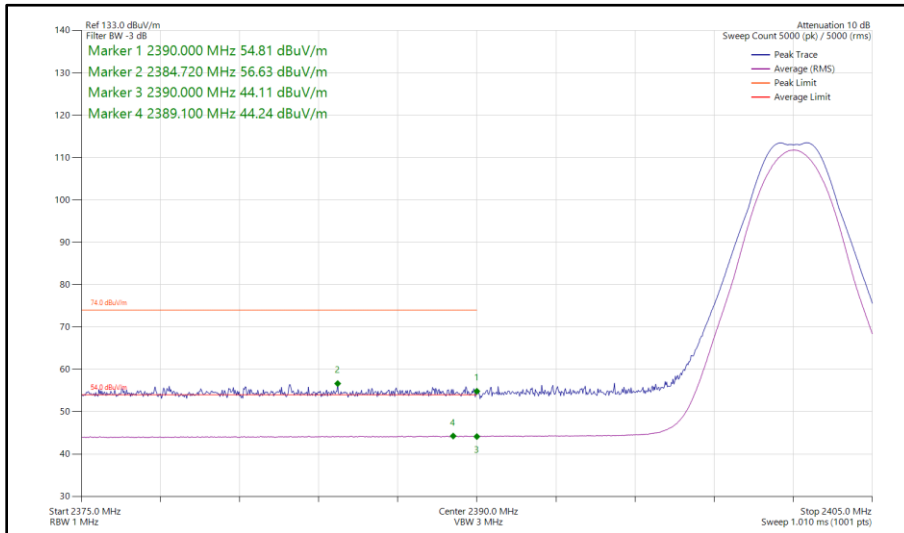
Figure 36 - Bluetooth HDR4, MIMO, Core 0 - Core 1 - 2404 MHz Band Edge Frequency 2390 MHz



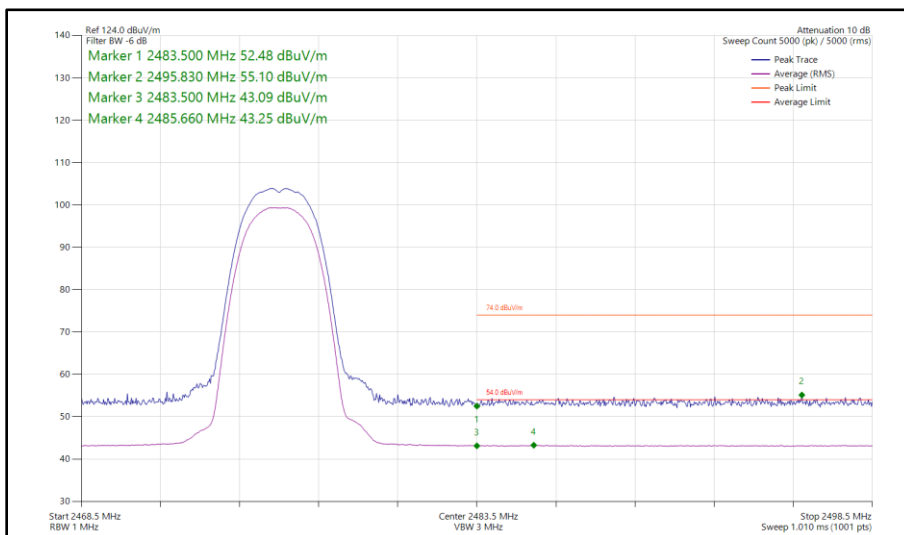
**Figure 37 - Bluetooth HDR8, MIMO, Core 0 - Core 1 - 2404 MHz  
Band Edge Frequency 2390 MHz**



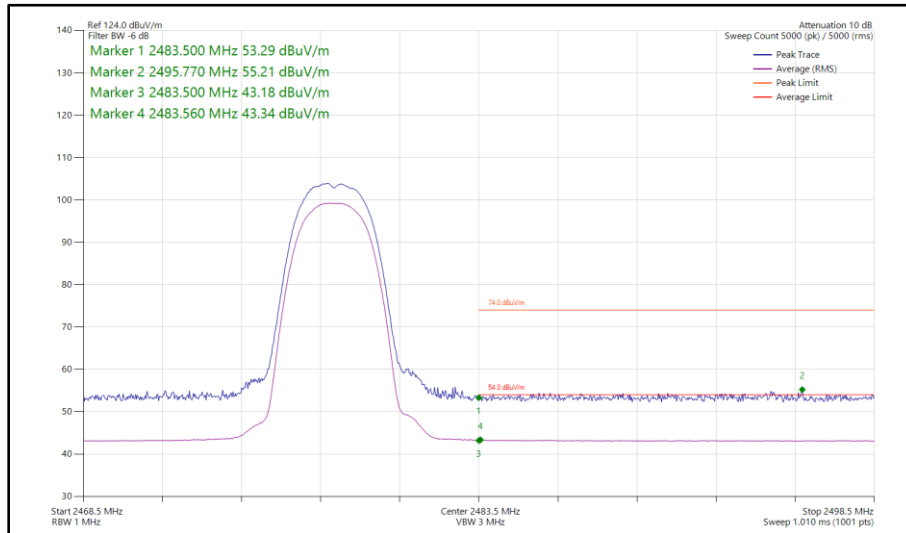
**Figure 38 - Bluetooth LE1M, MIMO, Core 0 - Core 1 - 2402 MHz  
Band Edge Frequency 2390 MHz**



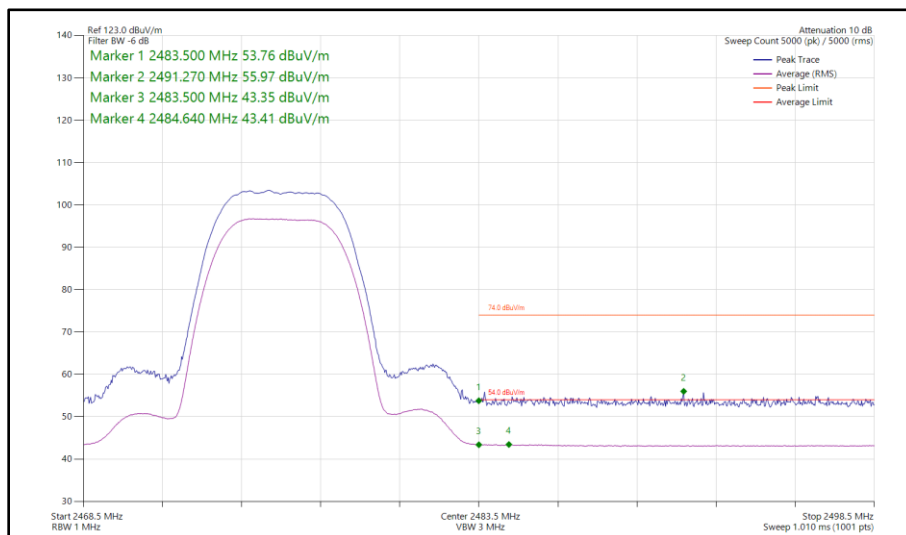
**Figure 39 - Bluetooth LE2M, MIMO, Core 0 - Core 1 - 2402 MHz  
Band Edge Frequency 2390 MHz**



**Figure 40 - Bluetooth HDR4, MIMO, Core 0 - Core 1 - 2476 MHz  
Band Edge Frequency 2483.5 MHz**

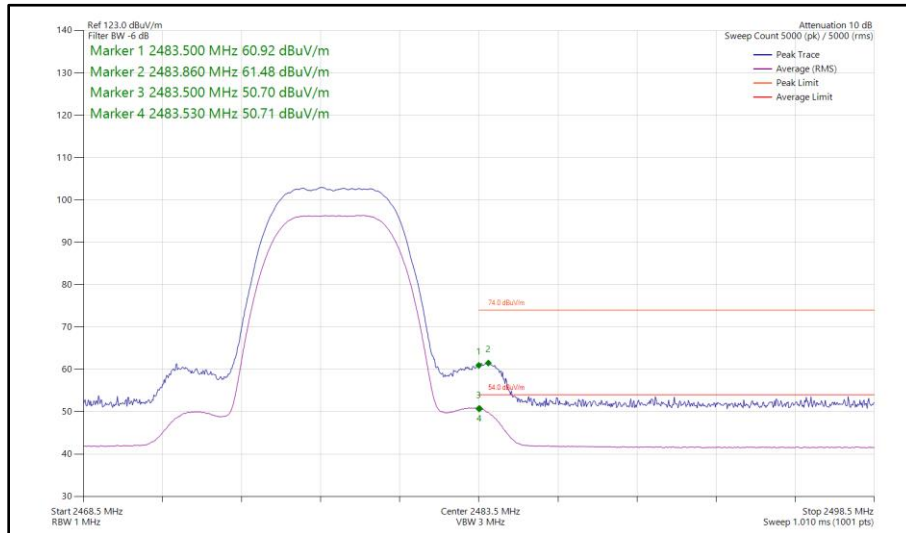


**Figure 41 - Bluetooth HDR4, MIMO, Core 0 - Core 1 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**

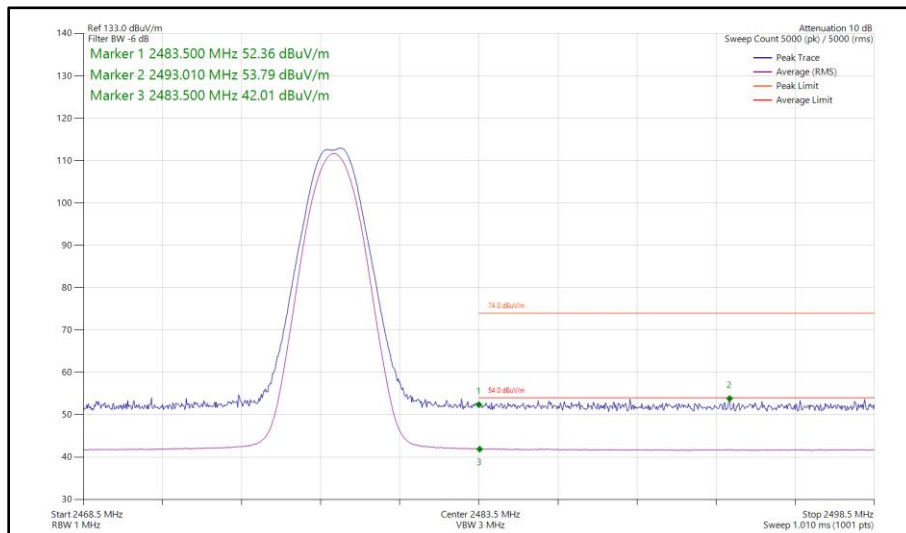


**Figure 42 - Bluetooth HDR8, MIMO, Core 0 - Core 1 - 2476 MHz  
Band Edge Frequency 2483.5 MHz**

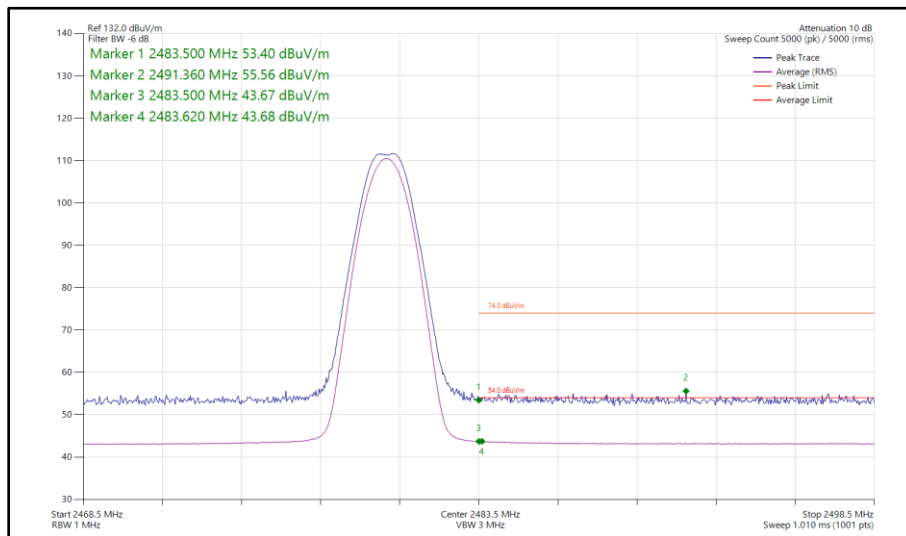




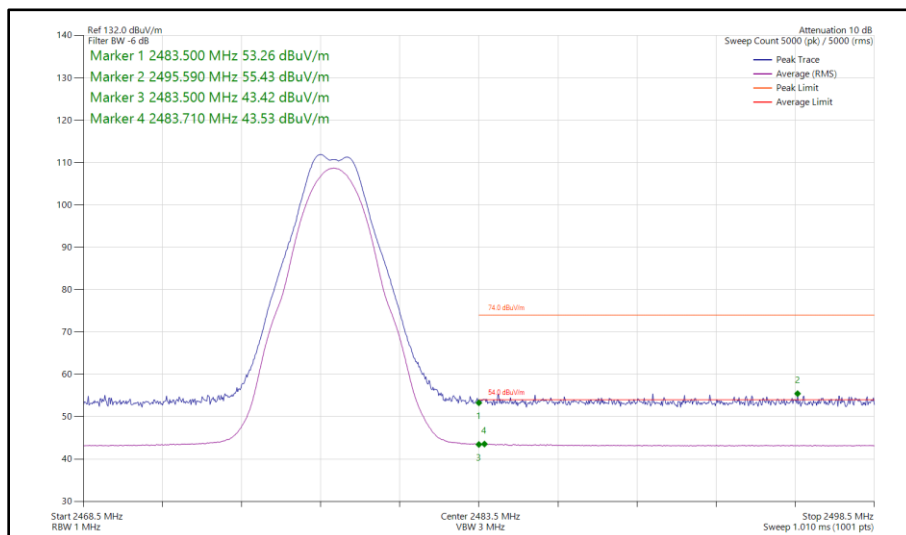
**Figure 43 - Bluetooth HDR8, MIMO, Core 0 - Core 1 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**



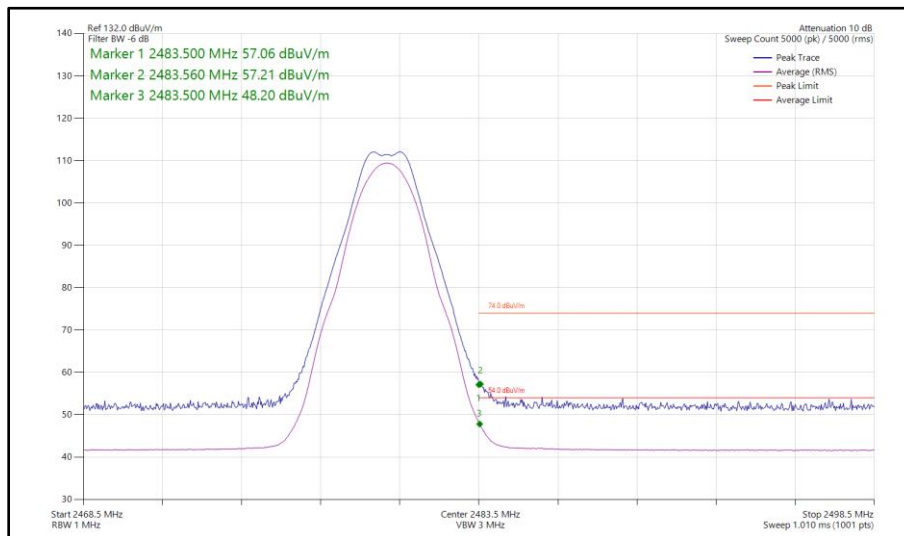
**Figure 44 - Bluetooth LE1M, MIMO, Core 0 - Core 1 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**



**Figure 45 - Bluetooth LE1M, MIMO, Core 0 - Core 1 - 2480 MHz  
Band Edge Frequency 2483.5 MHz**



**Figure 46 - Bluetooth LE2M, MIMO, Core 0 - Core 1 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**



**Figure 47 - Bluetooth LE2M, MIMO, Core 0 - Core 1 - 2480 MHz  
Band Edge Frequency 2483.5 MHz**



ePA - Core 0 (SISO)

Mode	Packet Type	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Static	HDR4	2404	2390	56.24	44.88
Static	HDR8	2404	2390	58.61	47.64
Static	LE1M	2402	2390	57.08	45.36
Static	LE2M	2402	2390	57.20	46.00
Static	HDR4	2476	2483.5	57.16	45.17
Static	HDR4	2478	2483.5	59.42	48.04
Static	HDR8	2476	2483.5	62.29	51.20
Static	HDR8	2478	2483.5	62.86	51.18
Static	LE1M	2478	2483.5	56.73	45.55
Static	LE1M	2480	2483.5	58.54	46.64
Static	LE2M	2478	2483.5	57.81	46.07
Static	LE2M	2480	2483.5	60.96	50.50

Table 11 - SISO Restricted Band Edge Results

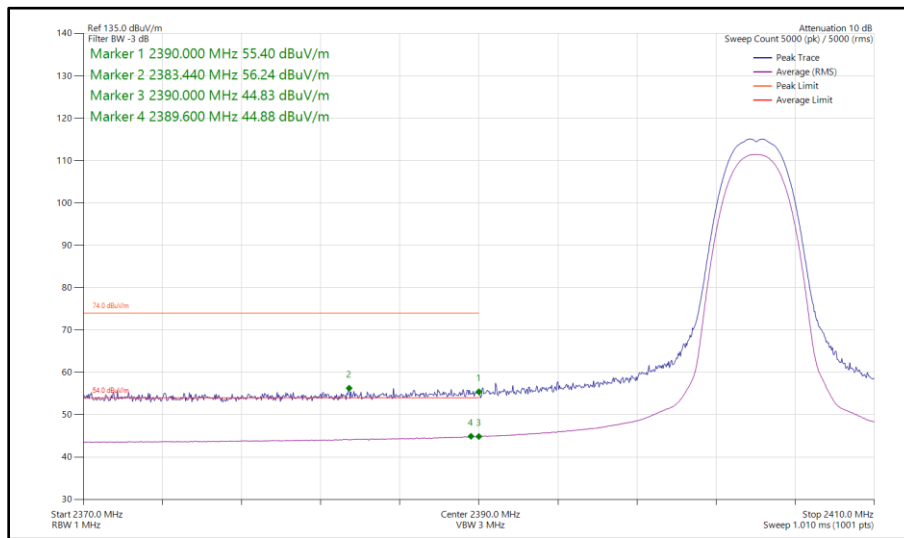
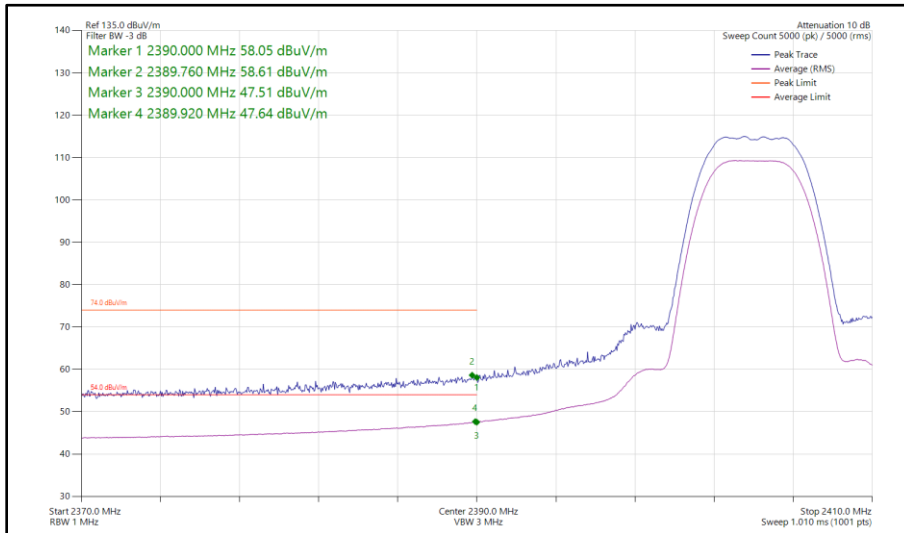
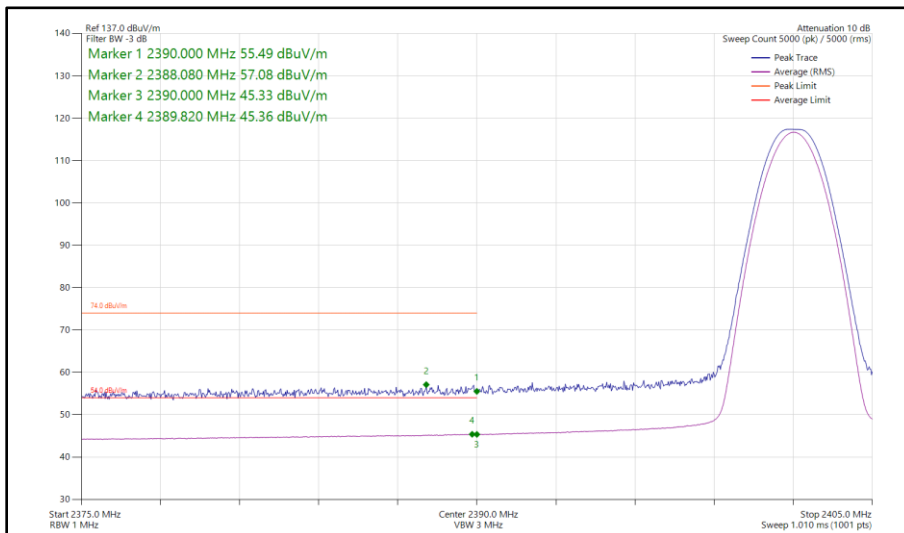


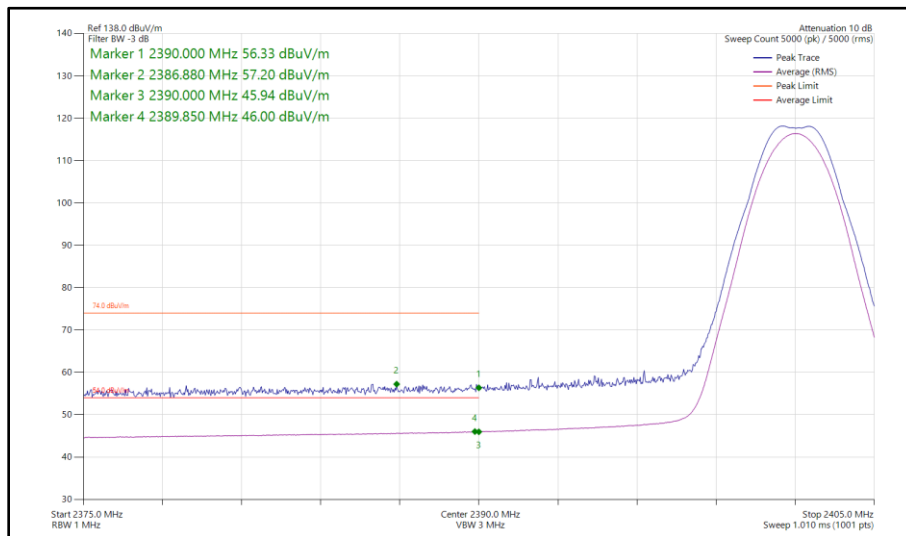
Figure 48 - Bluetooth HDR4, SISO, Core 0 - 2404 MHz  
 Band Edge Frequency 2390 MHz



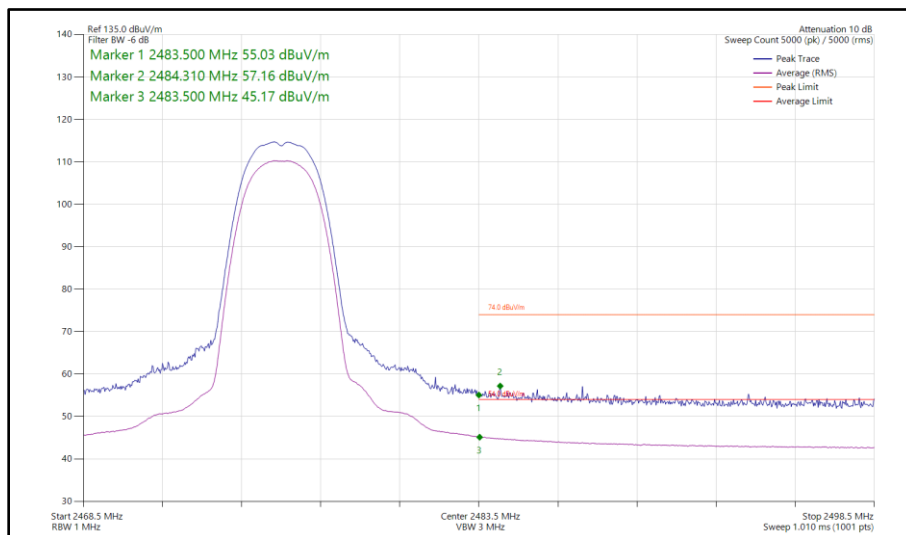
**Figure 49 - Bluetooth HDR8, SISO, Core 0 - 2404 MHz  
Band Edge Frequency 2390 MHz**



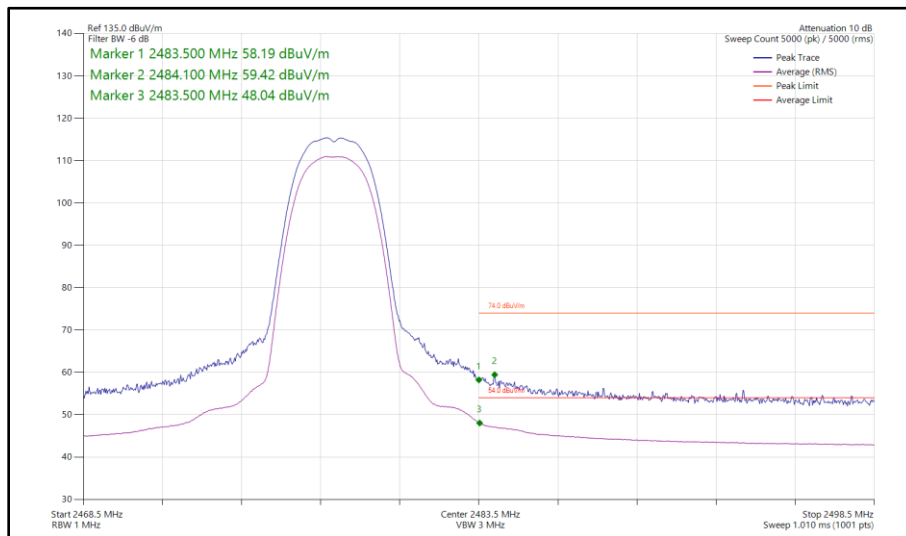
**Figure 50 - Bluetooth LE1M, SISO, Core 0 - 2402 MHz  
Band Edge Frequency 2390 MHz**



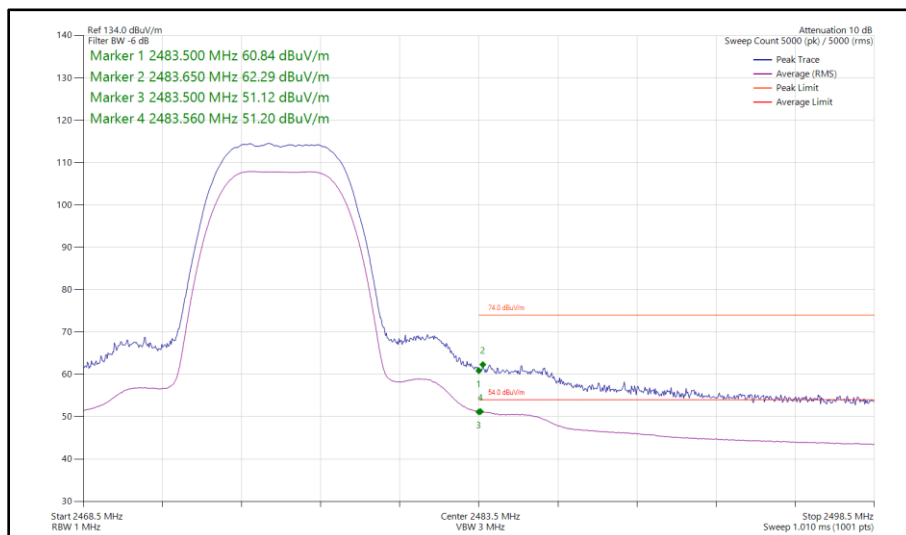
**Figure 51 - Bluetooth LE2M, SISO, Core 0 - 2402 MHz  
Band Edge Frequency 2390 MHz**



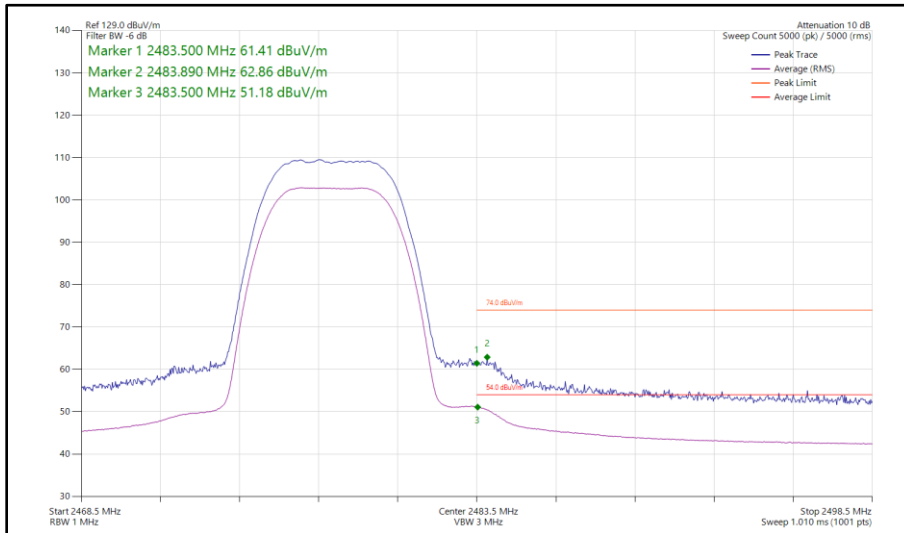
**Figure 52 - Bluetooth HDR4, SISO, Core 0 - 2476 MHz  
Band Edge Frequency 2483.5 MHz**



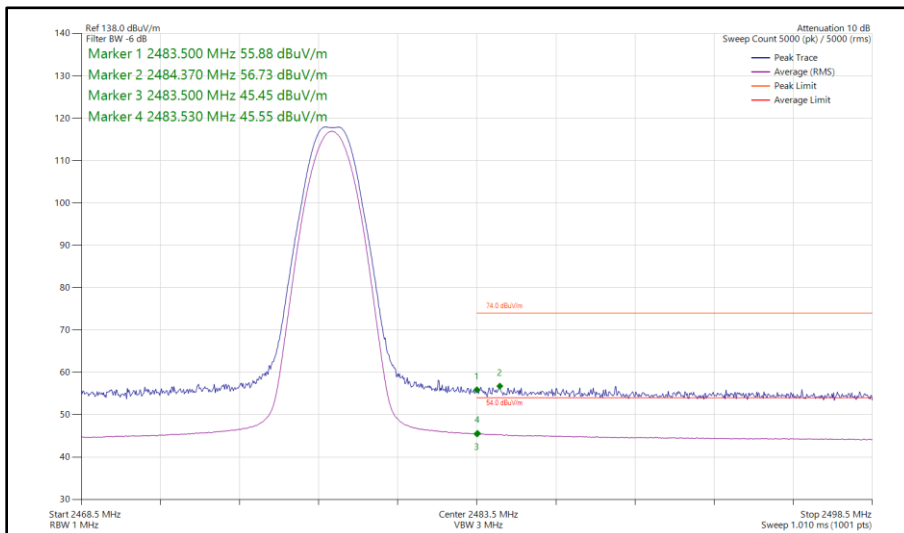
**Figure 53 - Bluetooth HDR4, SISO, Core 0 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**



**Figure 54 - Bluetooth HDR8, SISO, Core 0 - 2476 MHz  
Band Edge Frequency 2483.5 MHz**

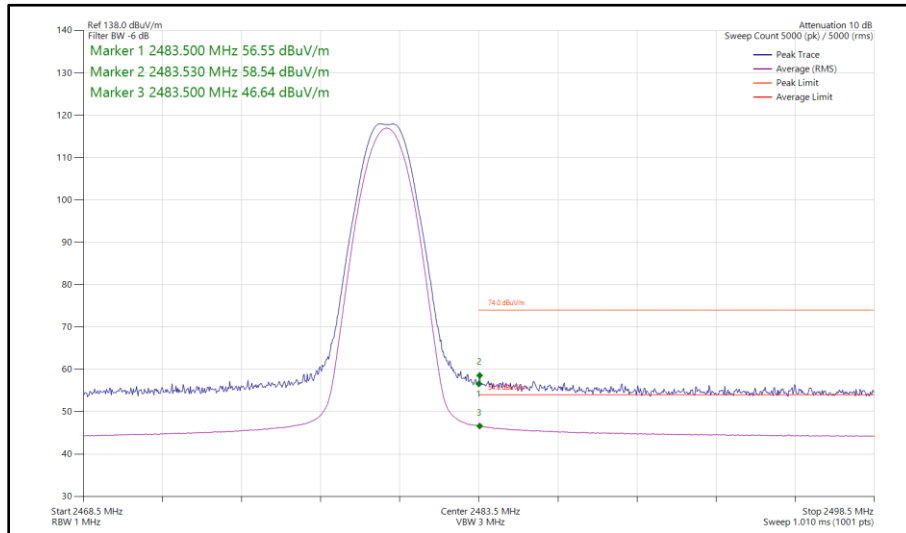


**Figure 55 - Bluetooth HDR8, SISO, Core 0 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**

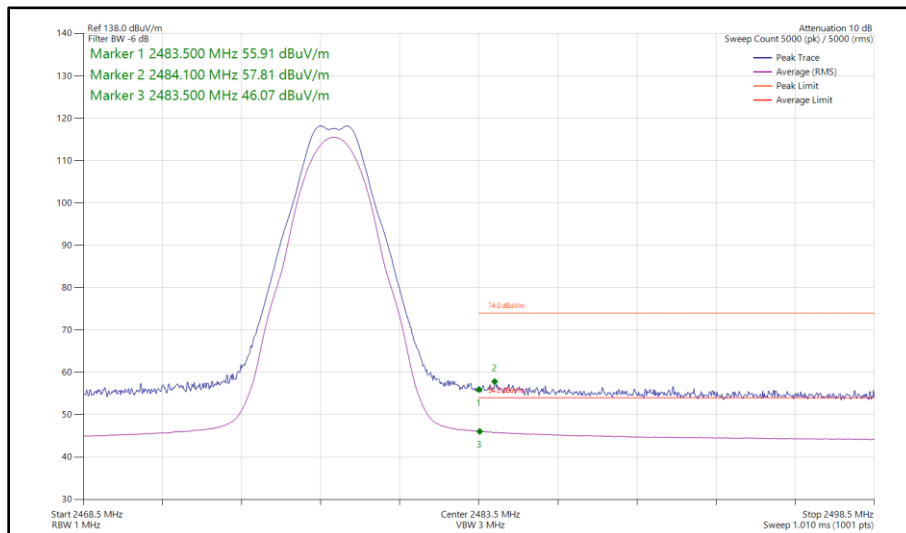


**Figure 56 - Bluetooth LE1M, SISO, Core 0 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**

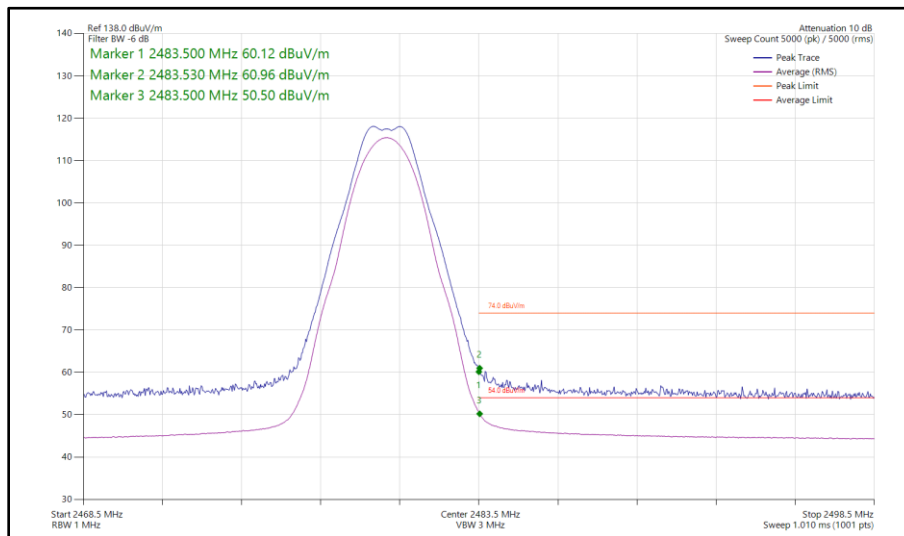




**Figure 57 - Bluetooth LE1M, SISO, Core 0 - 2480 MHz  
Band Edge Frequency 2483.5 MHz**



**Figure 58 - Bluetooth LE2M, SISO, Core 0 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**



**Figure 59 - Bluetooth LE2M, SISO, Core 0 - 2480 MHz  
Band Edge Frequency 2483.5 MHz**



ePA - Core 1 (SISO)

Mode	Packet Type	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBµV/m)
Static	HDR4	2404	2390	57.66	44.33
Static	HDR8	2404	2390	57.75	46.00
Static	LE1M	2402	2390	63.47	45.01
Static	LE2M	2402	2390	62.75	45.29
Static	HDR4	2476	2483.5	54.99	43.78
Static	HDR4	2478	2483.5	56.64	45.92
Static	HDR8	2476	2483.5	58.99	47.79
Static	HDR8	2478	2483.5	61.83	50.95
Static	LE1M	2478	2483.5	59.44	44.50
Static	LE1M	2480	2483.5	58.94	45.87
Static	LE2M	2478	2483.5	61.44	45.17
Static	LE2M	2480	2483.5	60.23	49.50

Table 12 - SISO Restricted Band Edge Results

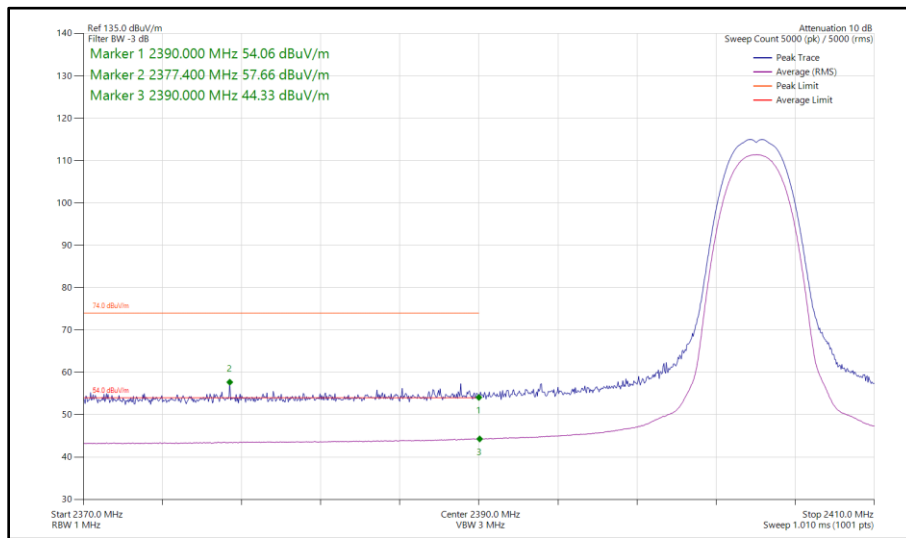
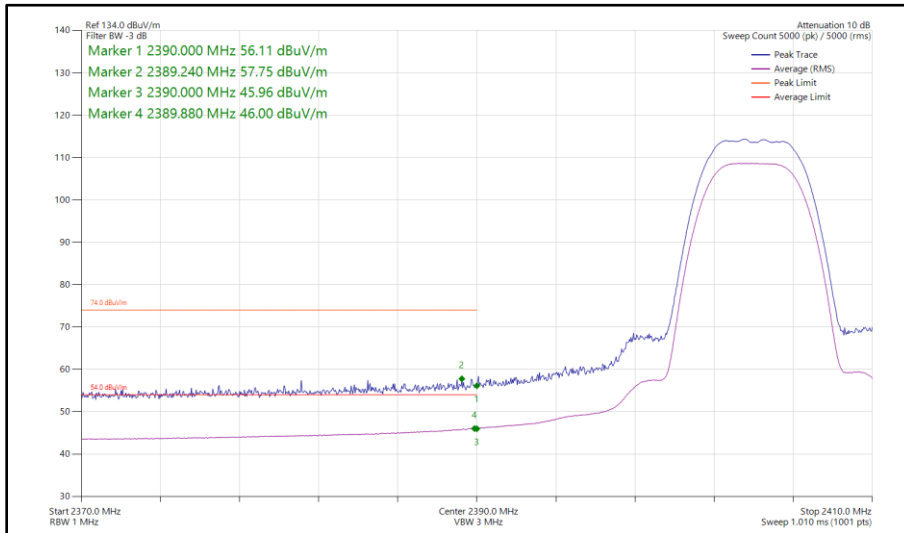
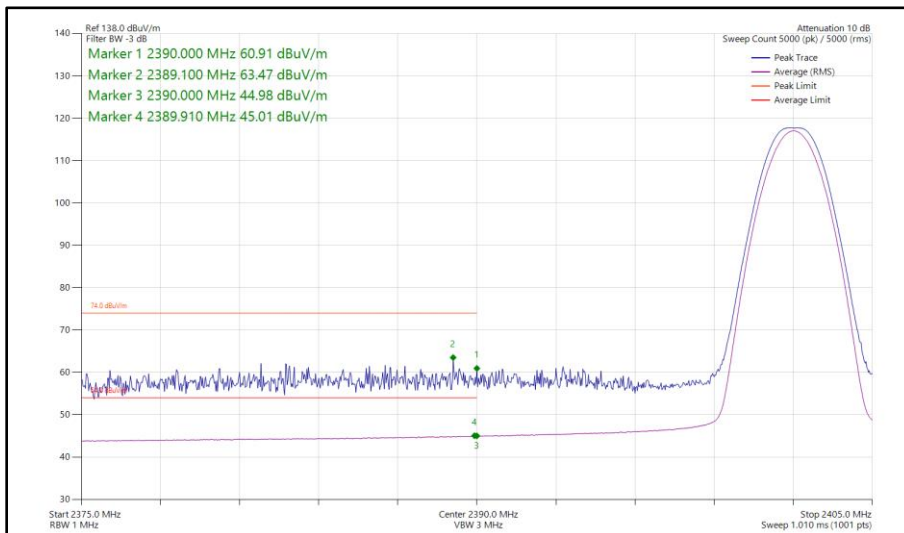


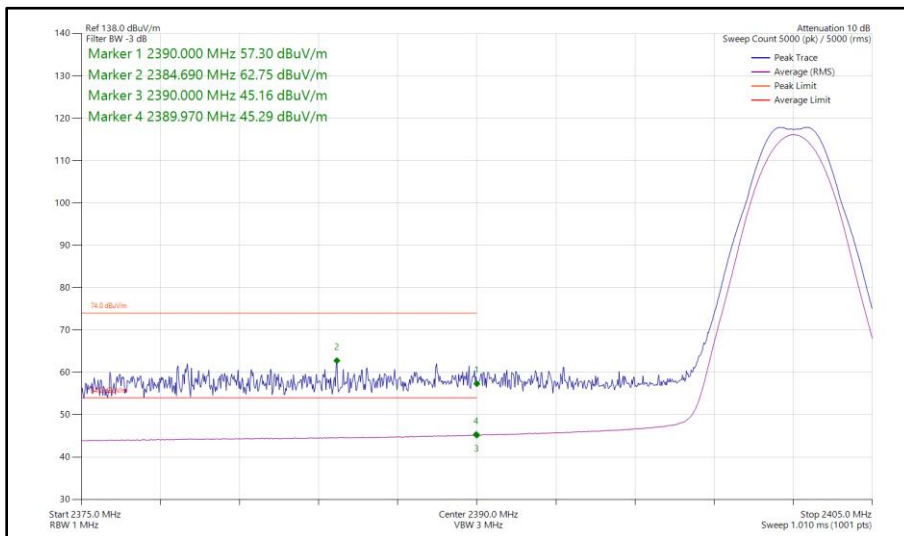
Figure 60 - Bluetooth HDR4, SISO, Core 1 - 2404 MHz Band Edge Frequency 2390 MHz



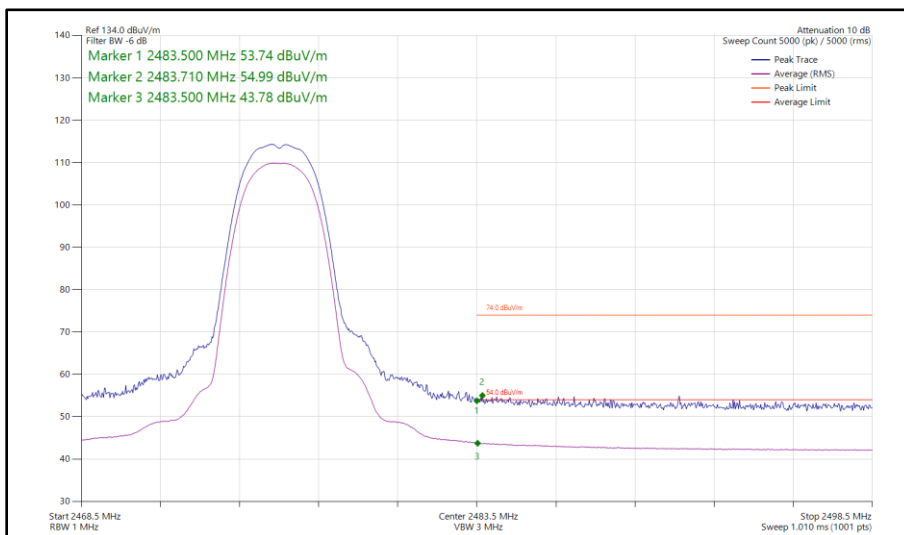
**Figure 61 - Bluetooth HDR8, SISO, Core 1 - 2404 MHz  
Band Edge Frequency 2390 MHz**



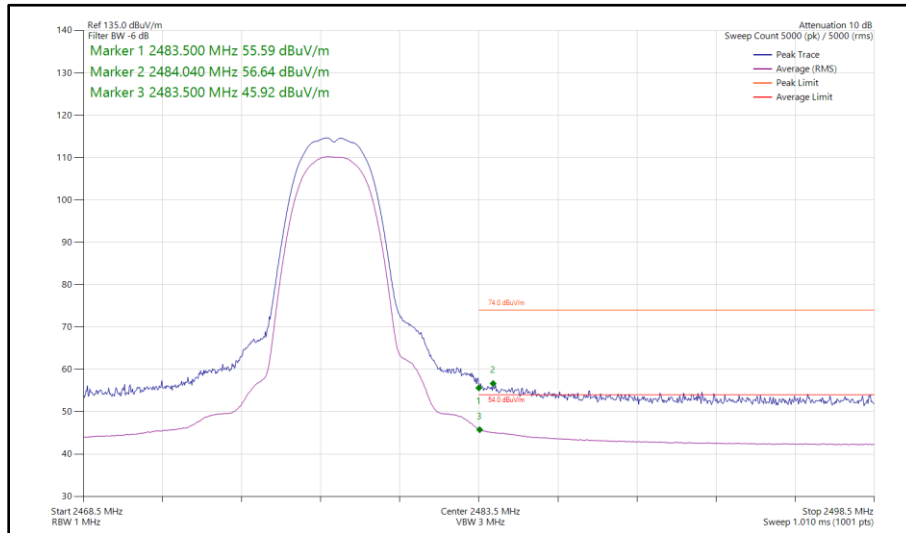
**Figure 62 - Bluetooth LE1M, SISO, Core 1 - 2402 MHz  
Band Edge Frequency 2390 MHz**



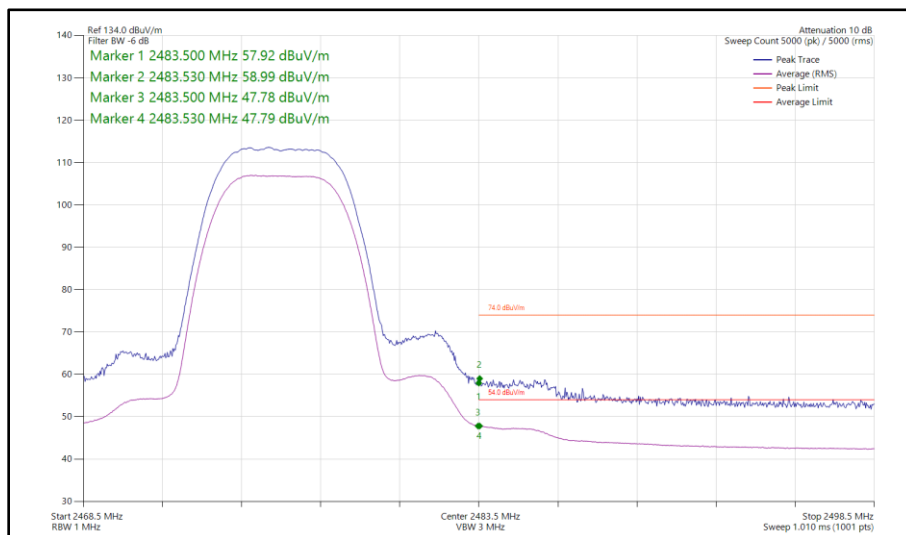
**Figure 63 - Bluetooth LE2M, SISO, Core 1 - 2402 MHz  
Band Edge Frequency 2390 MHz**



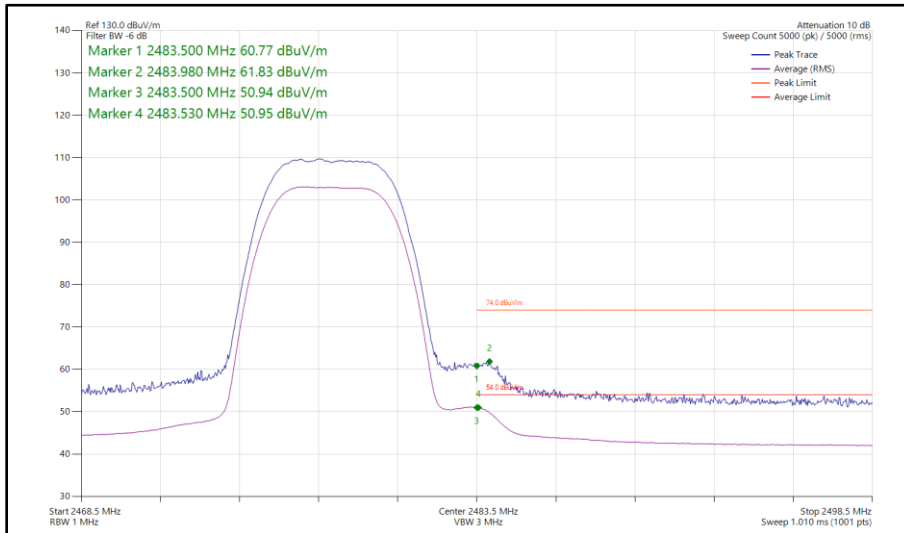
**Figure 64 - Bluetooth HDR4, SISO, Core 1 - 2476 MHz  
Band Edge Frequency 2483.5 MHz**



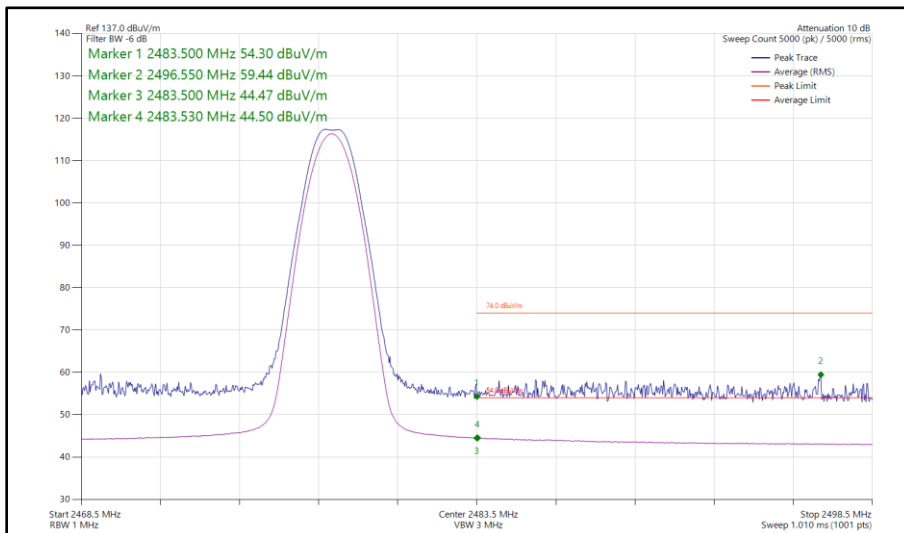
**Figure 65 - Bluetooth HDR4, SISO, Core 1 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**



**Figure 66 - Bluetooth HDR8, SISO, Core 1 - 2476 MHz  
Band Edge Frequency 2483.5 MHz**



**Figure 67 - Bluetooth HDR8, SISO, Core 1 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**



**Figure 68 - Bluetooth LE1M, SISO, Core 1 - 2478 MHz  
Band Edge Frequency 2483.5 MHz**