

TEST REPORT

Report No.: SHE22060072-02AE

Date: 2022-07-19

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Applicant : Beyonics Technology Electronic (Changshu) Co., Ltd.
Address of Applicant : 18 Yinhuan Road, Changshu New & Hi-tech Industrial
Development Zone of Jiangsu, Changshu, Jiangsu
215500, China

Product Name : Good Remote 2023
Brand Name : VIZIO
Model No. : XRT270
Sample No. : E22060072-02#01
E22060072-02#02
FCC ID : 2A7Y5-XRT270

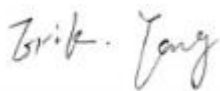
Standards : FCC CFR47 Part 15, Subpart C

Date of Receipt : 2022-07-12
Date of Test : 2022-07-14~ 2022-07-18
Date of Issue : 2022-07-19

Remark:

This report details the results of the testing carried out on one sample, the results contained in this report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

Prepared by:



(Erik Yang)

Reviewed by:



(Jennifer Zhou)

Approved by:



(Authorized signatory: Guoyou Chi)

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1 General Information

1.1 Testing Laboratory

Company Name	ICAS Testing Technology Service (Shanghai) Co., Ltd.
Address	No.1298 Pingan Rd, Minhang District, Shanghai, China
Telephone	0086 21-51682999
Fax	0086 21-54711112
Homepage	www.icasiso.com

1.2 Details of Application

Applicant Company Name	Beyonics Technology Electronic (Changshu) Co., Ltd.
Address	18 Yinhuan Road, Changshu New & Hi-tech Industrial Development Zone of Jiangsu, Changshu, Jiangsu 215500, China
Contact Person	Pillar Chen
Telephone	+86 51252351155
Email	chenlp@cn.beyonics.com
Manufacturer Company Name	Beyonics Technology Electronic (Changshu) Co., Ltd.
Address	18 Yinhuan Road, Changshu New & Hi-tech Industrial Development Zone of Jiangsu, Changshu, Jiangsu 215500, China

1.3 Details of EUT

Product Name	Good Remote 2023
Brand Name	VIZIO
Test Model No.	XRT270
FCC ID	2A7Y5-XRT270
Mode of Operation	Bluetooth BLE 1M/2M
Frequency Range	2400MHz ~ 2483.5MHz
Number of Channels	40 (at intervals of 2 MHz)
Modulation Type	GFSK
Antenna Type	PCB Antenna
Antenna Gain	1.0dBi
Test Voltage	DC 3V by battery(LR03 AAA)
Hardware version	V1.0
Software version	V1.0
RF power setting in TEST_SW	EMI_Test_Tool_V2.0

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1.4 Test Methodology

47 CFR Part 15, Subpart C	Telecommunication-Radio Frequency Devices-Intentional Radiators
KDB Publication 558074 D01 v05r02	Part 15.247 Meas Guidance
ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

Note(s):

All test items were verified and recorded according to the standards and without any addition/deviation/exclusion during the test.

1.5 Test Summary

Test Item	FCC Rules	Result
Antenna Requirement	FCC Part 15.247(b)(4), Part 15.203	PASS
Peak Output Power	FCC Part 15.247(b)(3)	PASS
6dB Bandwidth	FCC Part 15.247(a)(2)	PASS
Maximum Conducted Output Power Spectral Density	FCC Part 15.247(e)	PASS
Conducted Spurious Emission & Authorized-band band-edge	FCC Part 15.247(d)	PASS
Radiated Spurious Emission	FCC Part 15.247(d), 15.205, 15.209	PASS
Band Edge (Restricted-band band-edge)	FCC Part 15.247(d), 15.205, 15.209	PASS
Conducted Emission on AC Mains	FCC Part 15.207(a)	N/A

Note(s): The EUT was powered by battery(LR03 AAA)

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2 Test Condition

2.1 Environmental conditions

Temperature (°C)	18-25
Humidity (%RH)	40-65
Barometric Pressure (mbar)	960-1060

2.2 Equipment List

Name of Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Keysight	N9020B	MY59260184	2021-08-17	2022-08-16
Spectrum Analyzer	Rohde & Schwarz	FSV40N	101450	2022-06-09	2023-06-08
EMI Test Receiver	Rohde & Schwarz	ESR 7	101911	2022-06-09	2023-06-08
Wideband Radio Communication Tester	Rohde & Schwarz	CMW 500	100687	2021-08-13	2022-08-12
Broadband Antenna	SCHWARZBECK	VULB9163	9163-1037	2022-06-09	2023-06-08
Horn Antenna-18G	SCHWARZBECK	BBHA9120D	9120D-1775	2022-06-09	2023-06-08
Loop Antenna	SCHWARZBECK	FMZB 1513	N/A	2020-11-23	2022-11-22
Horn Antenna-40G	YINGLIAN	LB-180400-KF	N/A	2022-06-09	2023-06-08
EMC chamber 9*6*6 (L*W*H)	CHANGNING	966	N/A	2020-06-09	2023-06-08
Test Software	BL	BL410_E	N/A	N/A	N/A
Test Software	BL	BL410_R	N/A	N/A	N/A

2.3 Measurement Uncertainty

The uncertainty is calculated using the methods suggested in the “Guide to the Expression of Uncertainty in measurement” (GUM) published by CISPR and ANSI. The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

Parameter	Frequency	Uncertainty
Antenna Port Conducted Emission	< 1GHz	± 1.5 dB
	> 1GHz	± 1.5 dB
Radiated Emission	30 MHz – 1 GHz	± 3.42 dB
	> 1GHz	± 4.20 dB

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3 Test Set-up and Operation Modes

3.1 Details of Test Mode

Using test software (EMI_Test_Tool_V2.0) was control EUT work in continuous transmitter and receiver mode. Select test channel as below:

Channel	Frequency
The lowest channel	2402MHz
The middle channel	2440MHz
The Highest channel	2480MHz

The basic operation modes are:

- A. On
 - 1. BLE mode
 - a. Transmitting-BLE 1M
 - i. Low Channel
 - ii. Middle Channel
 - iii. High Channel
 - b. Transmitting-BLE 2M
 - i. Low Channel
 - ii. Middle Channel
 - iii. High Channel
 - 2. Normal working with Bluetooth on
- B. Standby
- C. Off

3.2 Special Accessories and Auxiliary Equipment

Description	Manufacturer	Model No.	Serial No.
Laptop	HP	HP zhan 66 Pro G1	N/A
USB Cable	N/A	N/A	1.0m Unshielded

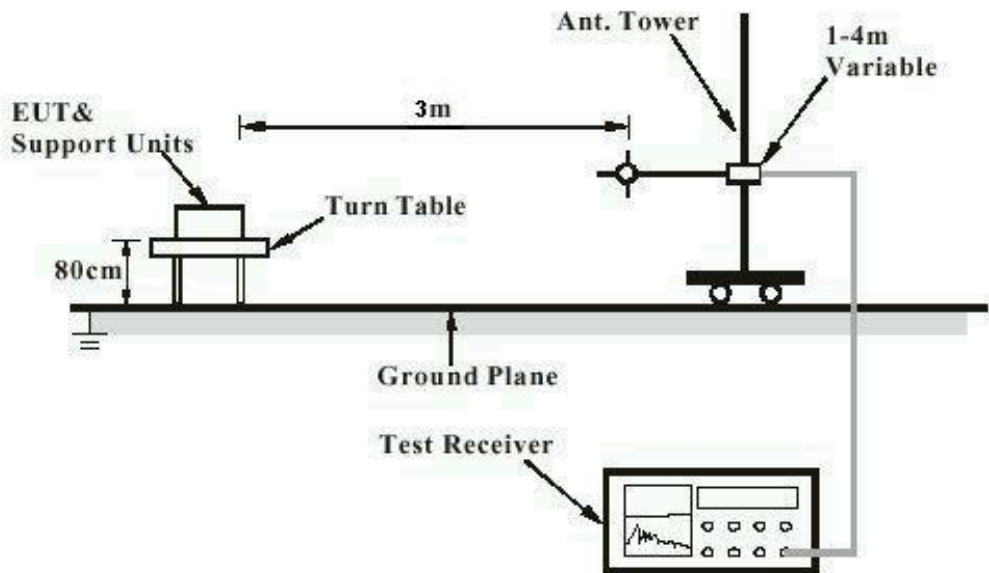
3.3 Support Software

Description	Manufacturer	Software Name
Software	N/A	EMI_Test_Tool_V2.0

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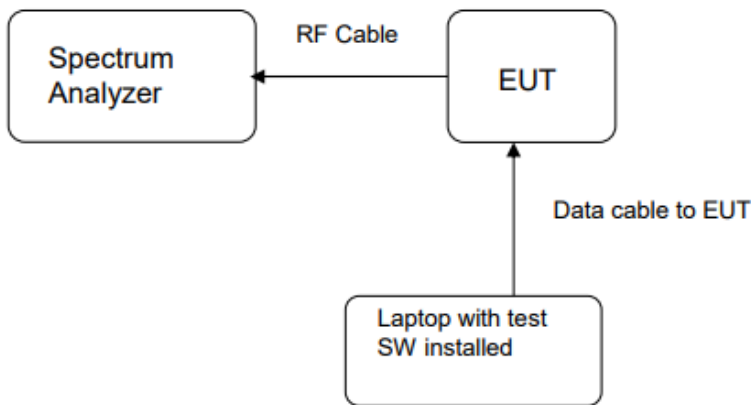
3.4 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test



Note: Measurements above 1GHz are done with a table height of 1.5m. In addition, there is RF absorbing material on the floor of the test site for above 1GHz measurement.

Diagram of Measurement Equipment Configuration for Transmitter Test



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4 Test Results

4.1 Transmitter Requirement & Test Suites

4.1.1 Antenna Requirement

RESULT:

PASS

Test standard	: FCC Part 15.247(b)(4), Part 15.203
Requirement	: The use of approved antennas only with directional gains that do not exceed 6dBi

According to the manufacturer declaration, the EUT has an antenna with a directional gain of 1.0dBi. The antenna is an PCB antenna with no possibility of replacement with a non-approved antenna by the end-user.

Therefore, the EUT is considered to comply with this provision.

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4.1.2 Peak Output Power

RESULT:

PASS

Test standard : FCC Part 15.247(b)(3)
Requirement : ANSI C63.10-2013, KDB 558074
Kind of test site : Shielded room

Test setup

Test Channel : Low/Middle/High
Operation Mode : A.1.a, A.1.b
Ambient temperature : 24.6°C
Relative humidity : 52%

Table 1: Peak Output Power

Test Mode	Test Channel (MHz)	Measured Peak Power		Limit (W)
		(dBm)	(mW)	
BLE-1M	2402	3.40	2.19	≤1
	2440	3.15	2.07	
	2480	2.40	1.74	
BLE-2M	2402	3.28	2.13	
	2440	2.97	1.98	
	2480	2.35	1.72	

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Figure 1: Peak Output Power, BLE_1Mbps_2402MHz

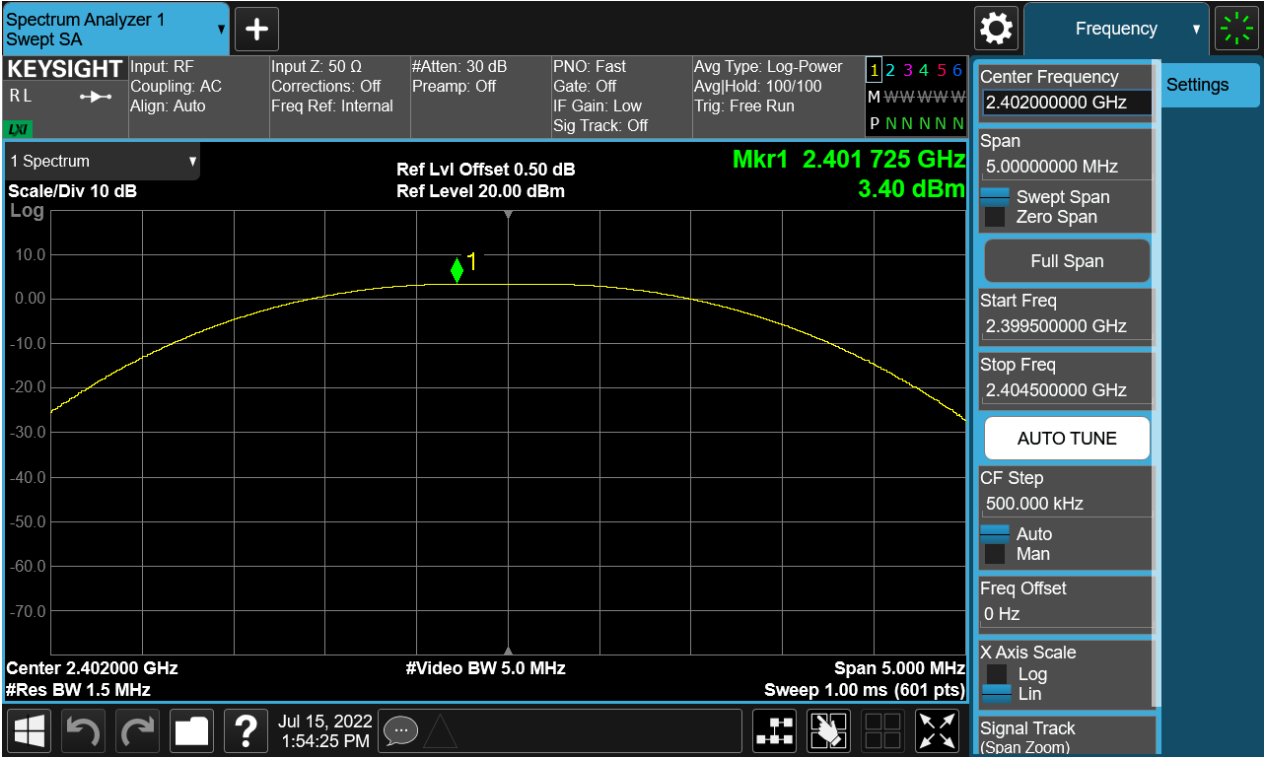


Figure 2: Peak Output Power, BLE_1Mbps_2440MHz



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Figure 3: Peak Output Power, BLE_1Mbps_2480MHz

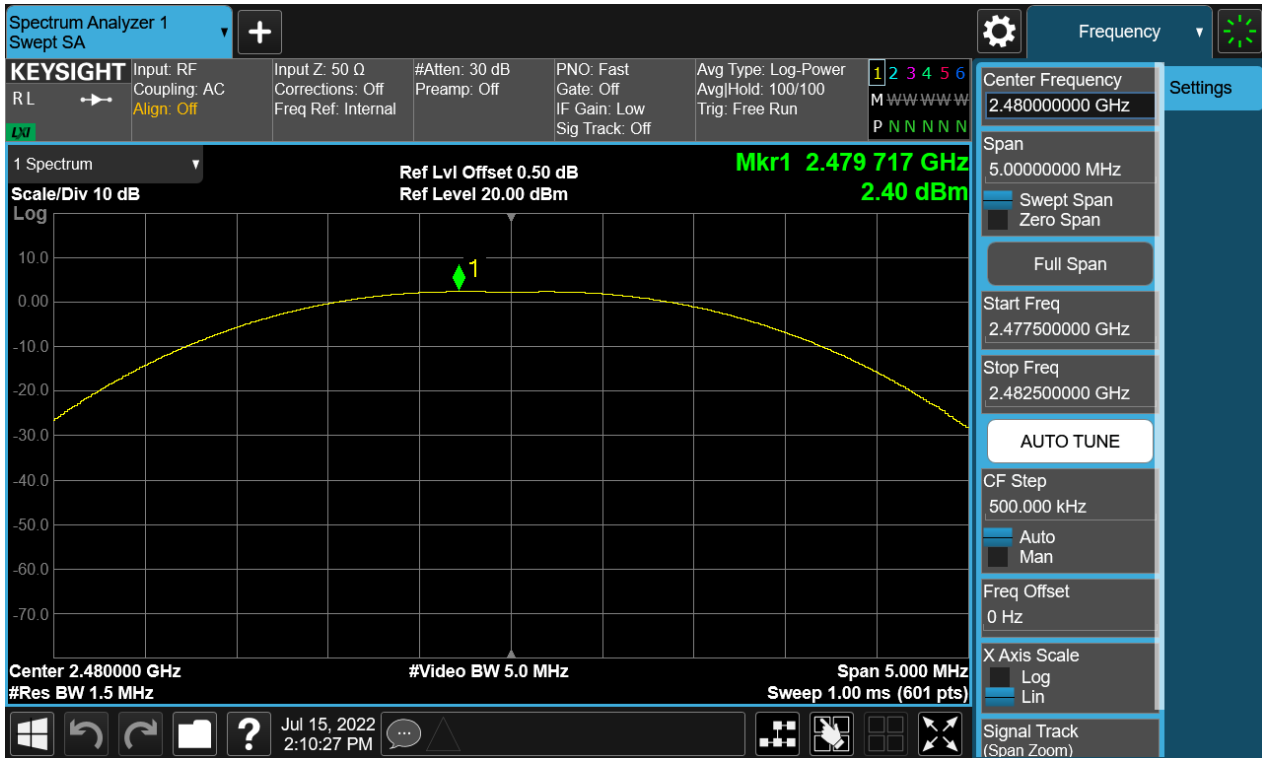


Figure 4: Peak Output Power, BLE_2Mbps_2402MHz



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Figure 5: Peak Output Power, BLE_2Mbps_2440MHz

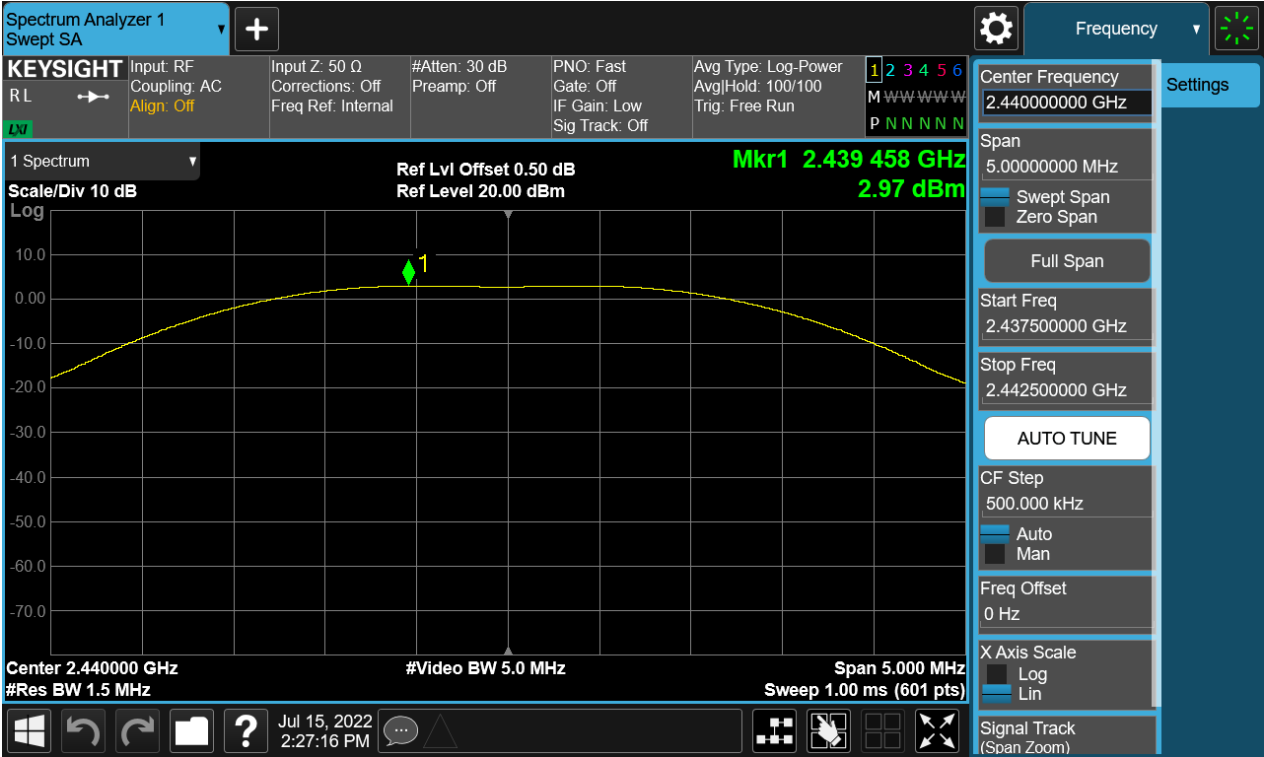


Figure 6: Peak Output Power, BLE_2Mbps_2480MHz



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4.1.3 6dB Bandwidth

RESULT:

PASS

Test standard : FCC Part 15.247(a)(2)
Requirement : ANSI C63.10-2013, KDB 558074
Kind of test site : Shielded room

Test setup

Test Channel : Low/Middle/High
Operation Mode : A.1.a, A.1.b
Ambient temperature : 24.6°C
Relative humidity : 52%

Table 2: 6dB Bandwidth

Test Mode	Test Channel (MHz)	6dB Bandwidth (MHz)	Limit
BLE-1M	2402	0.7075	≥ 0.5 MHz
	2440	0.6580	
	2480	0.6683	
BLE-2M	2402	1.2740	
	2440	1.4590	
	2480	1.2670	

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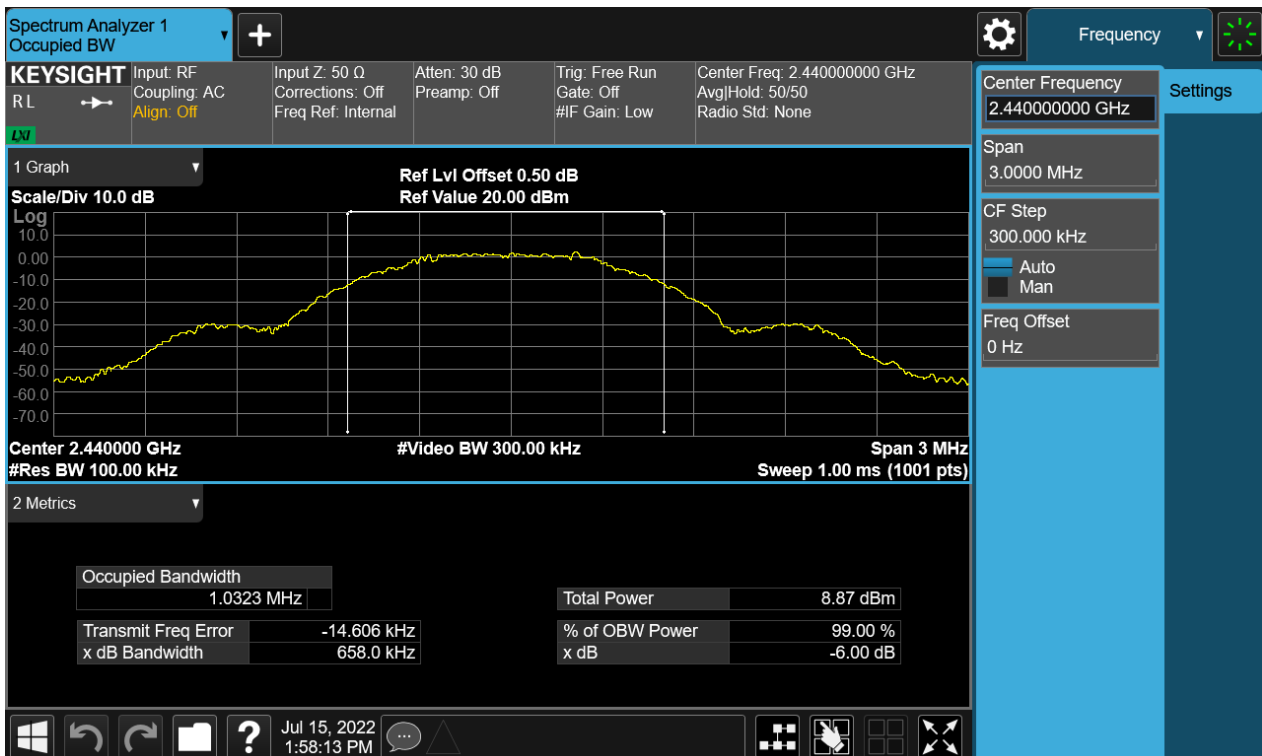
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Figure 7: 6dB Bandwidth, BLE_1Mbps_2402MHz



Figure 8: 6dB Bandwidth, BLE_1Mbps_2440MHz



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Figure 9: 6dB Bandwidth, BLE_1Mbps_2480MHz



Figure 10: 6dB Bandwidth, BLE_2Mbps_2402MHz



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Figure 11: 6dB Bandwidth, BLE_2Mbps_2440MHz

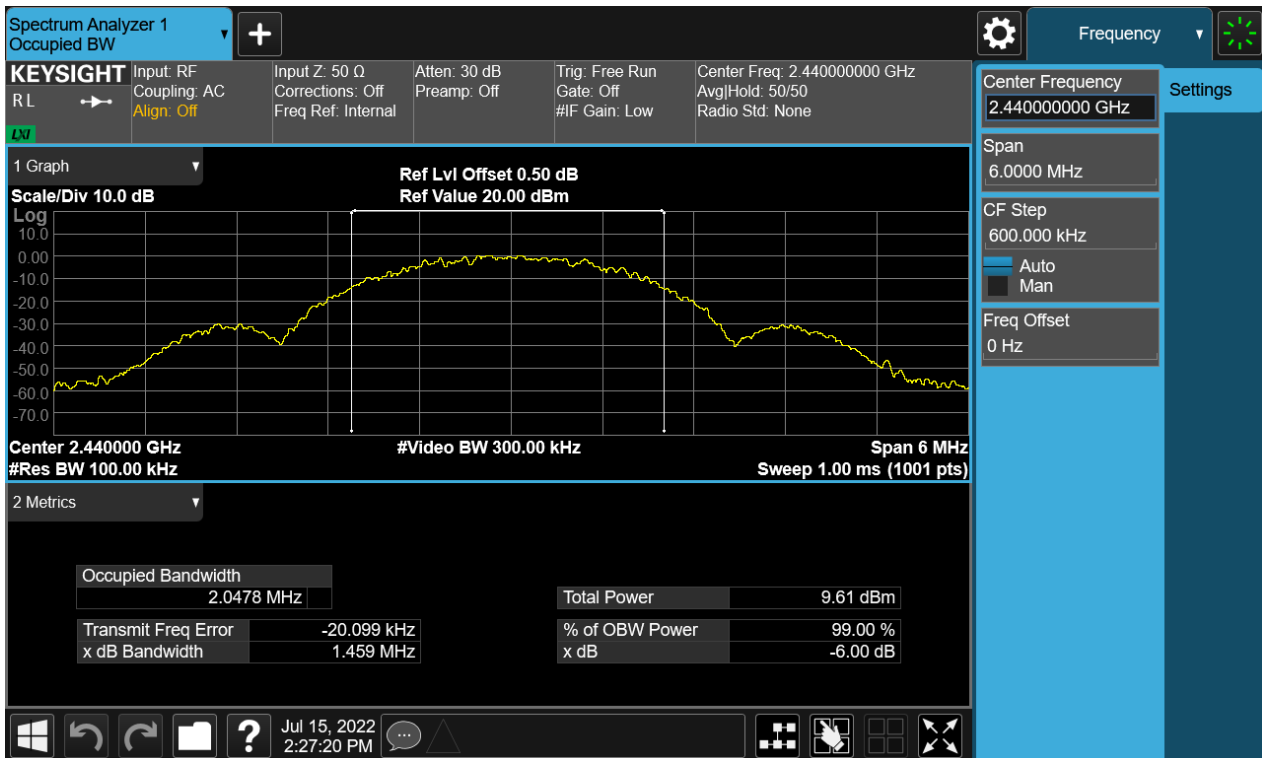
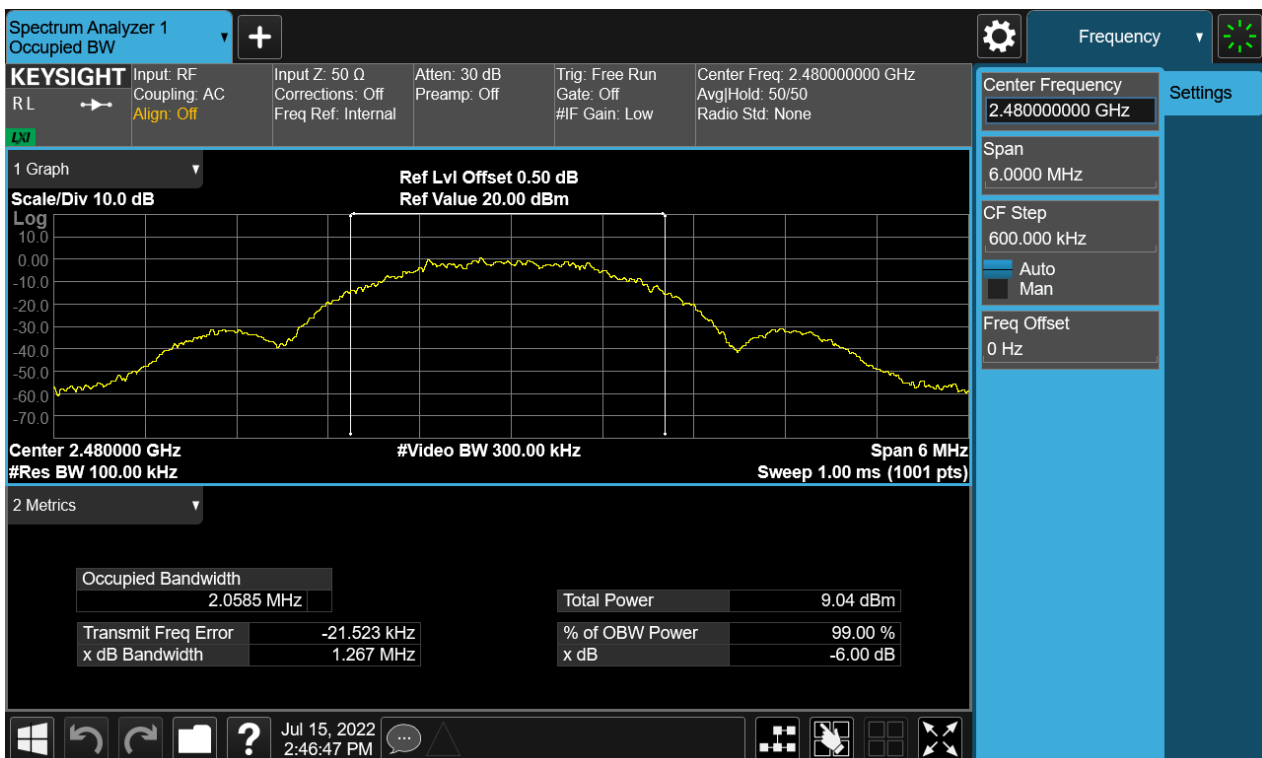


Figure 12: 6dB Bandwidth, BLE_2Mbps_2480MHz



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4.1.4 Maximum Conducted Output Power Spectral Density

RESULT:

PASS

Test standard : FCC Part 15.247(e)
Requirement : ANSI C63.10-2013, KDB 558074
Kind of test site : Shielded room

Test setup

Test Channel : Low/Middle/High
Operation Mode : A.1.a, A.1.b
Ambient temperature : 24.6°C
Relative humidity : 52%

Note(s): The method of PKPSD in the ANSI C63.10 item 11.10.2 was used in this testing.

Table 3: Power Spectral Density

Test Mode	Test Channel (MHz)	Measured Result (dBm/3kHz)	Limit (dBm/3kHz)
BLE-1M	2402	-7.53	≤ 8
	2440	-9.09	
	2480	-10.60	
BLE-2M	2402	-10.20	
	2440	-11.92	
	2480	-11.76	

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Figure 13: Power Spectral Density, BLE_1Mbps_2402MHz

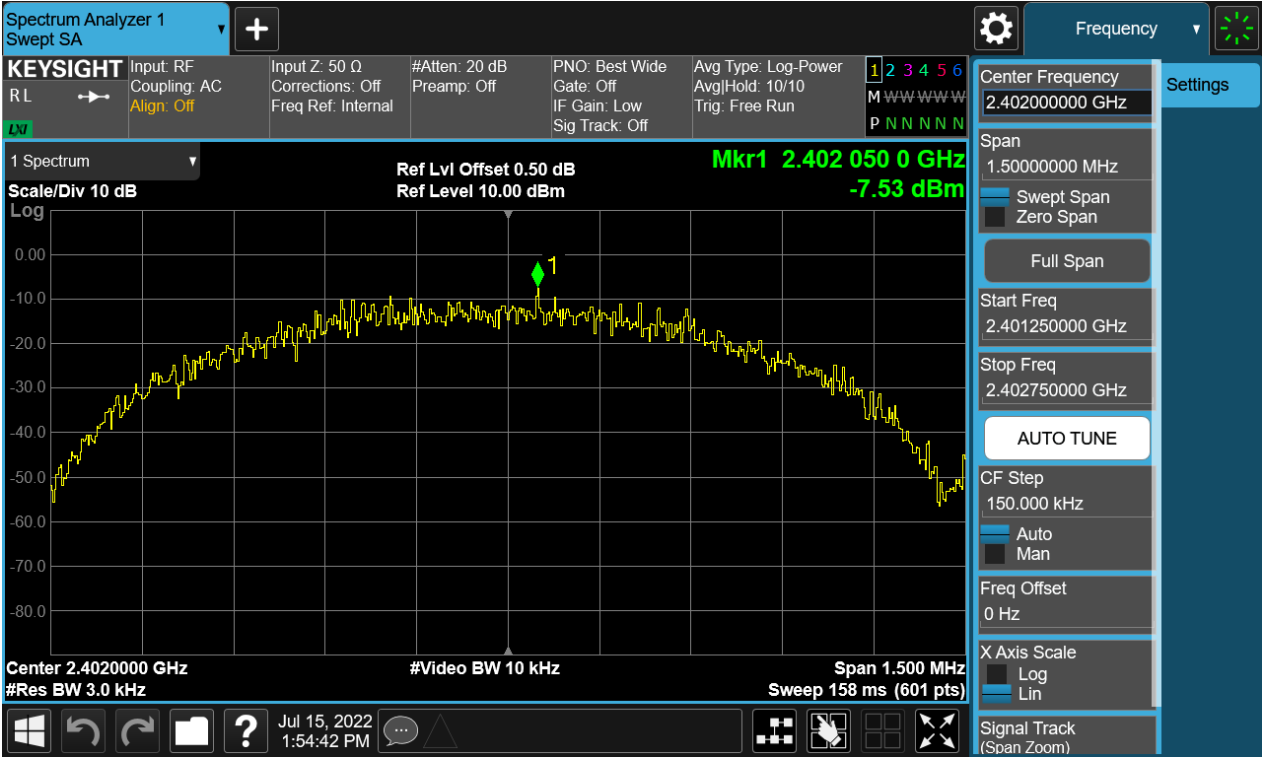


Figure 14: Power Spectral Density, BLE_1Mbps_2440MHz



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Figure 15: Power Spectral Density, BLE_1Mbps_2480MHz

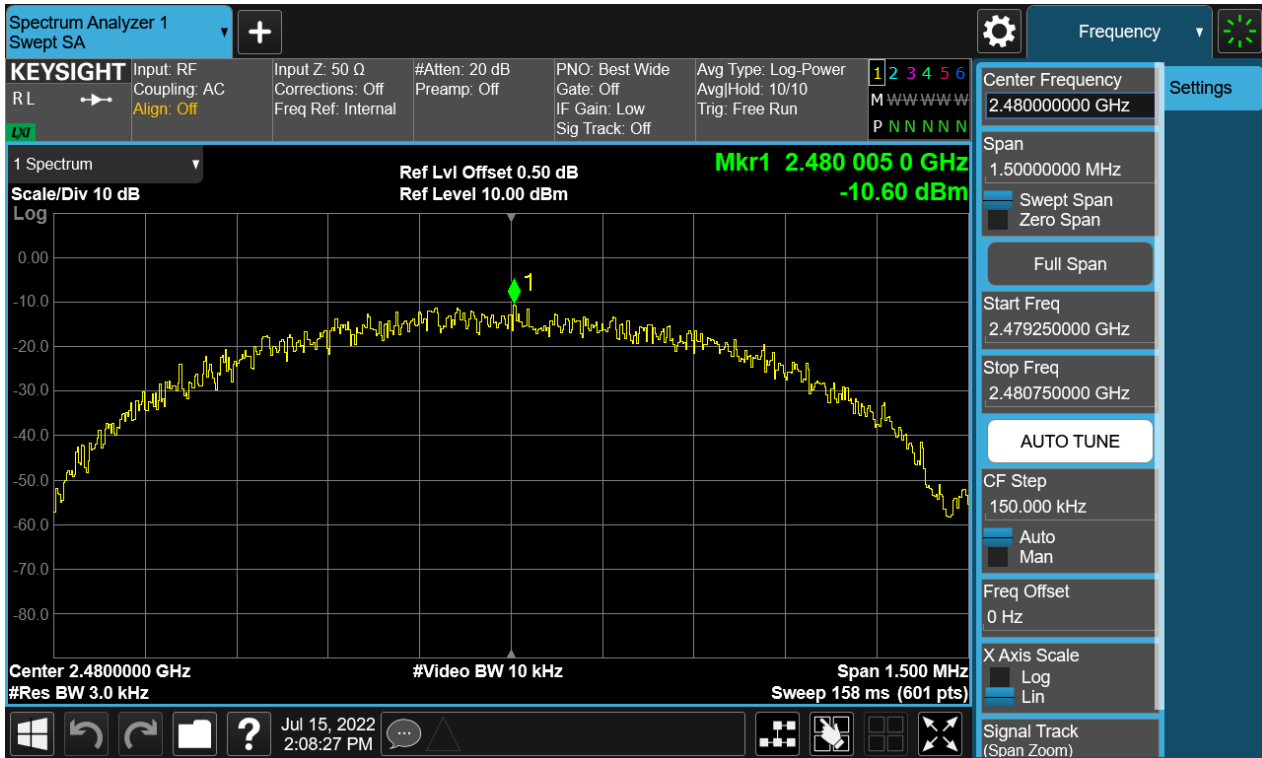
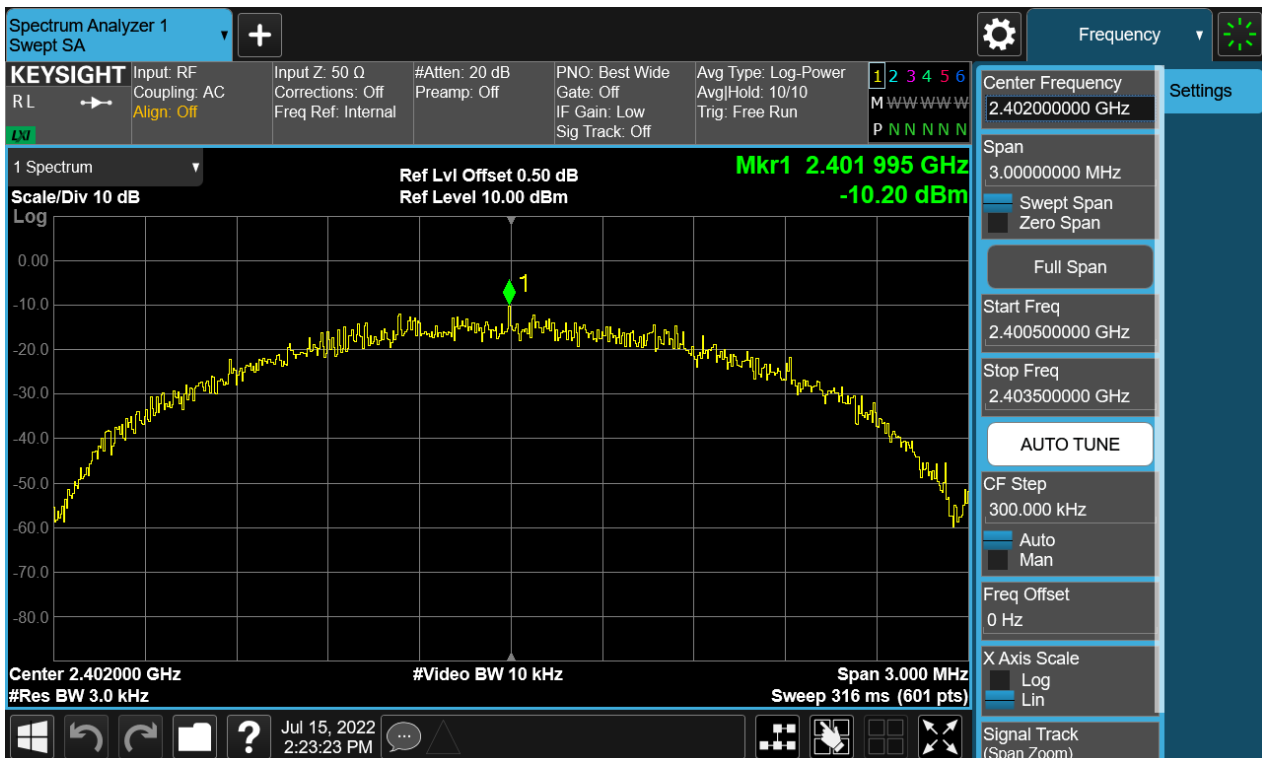


Figure 16: Power Spectral Density, BLE_2Mbps_2402MHz



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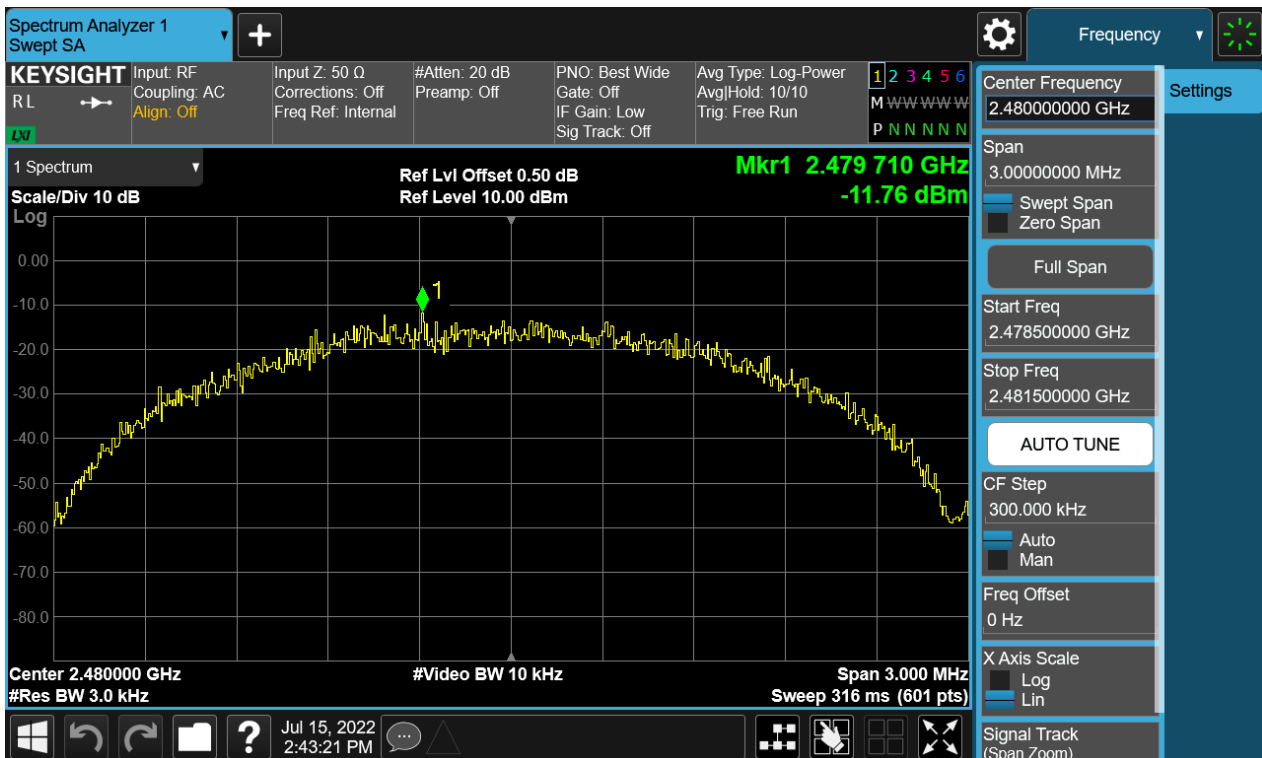
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Figure 17: Power Spectral Density, BLE_2Mbps_2440MHz



Figure 18: Power Spectral Density, BLE_2Mbps_2480MHz



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4.1.5 Conducted Spurious Emission & Authorized-band band-edge

RESULT:

PASS

Test standard	: FCC Part 15.247(d)
Requirement	: ANSI C63.10-2013, KDB 558074
Kind of test site	: Shielded room

Test setup

Test Channel	: Low/Middle/High for spurious, Low/High for Band Edge
Operation Mode	: A.1.a, A.1.b
Ambient temperature	: 24.6°C
Relative humidity	: 52%

For details refer to following test plot.

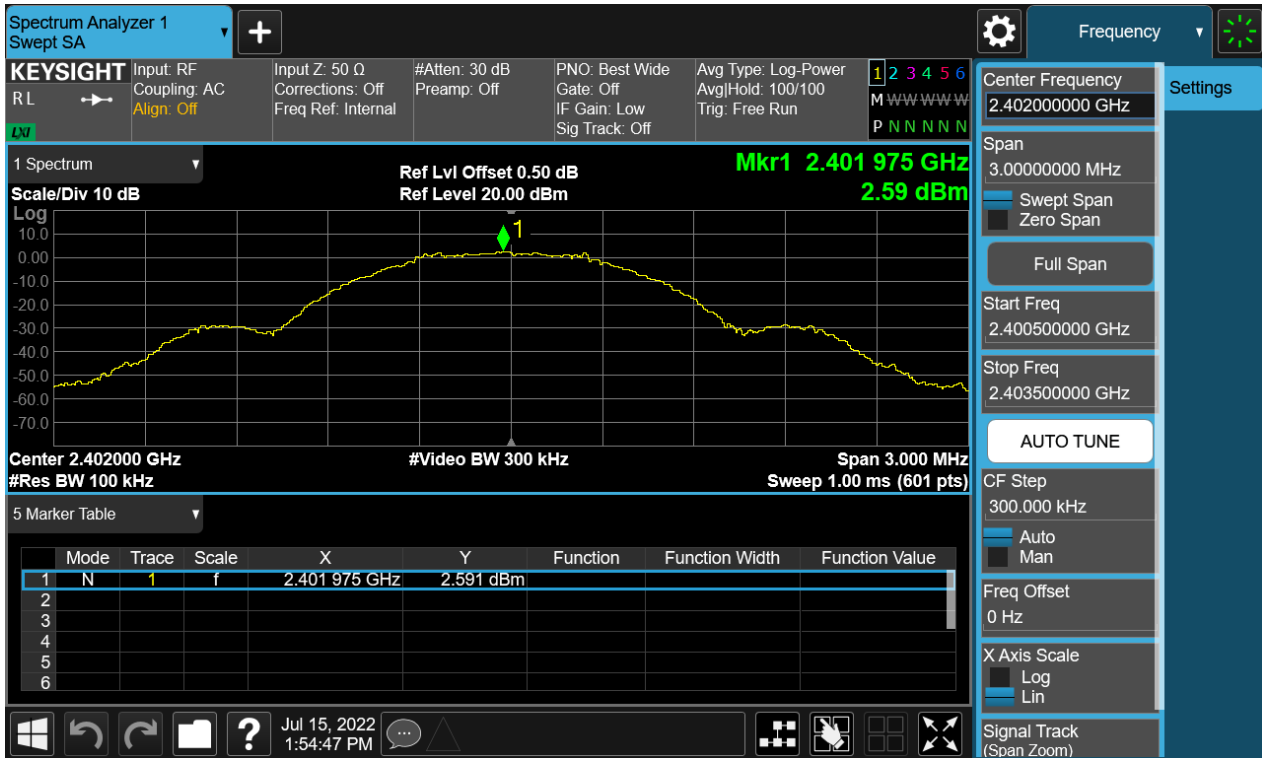
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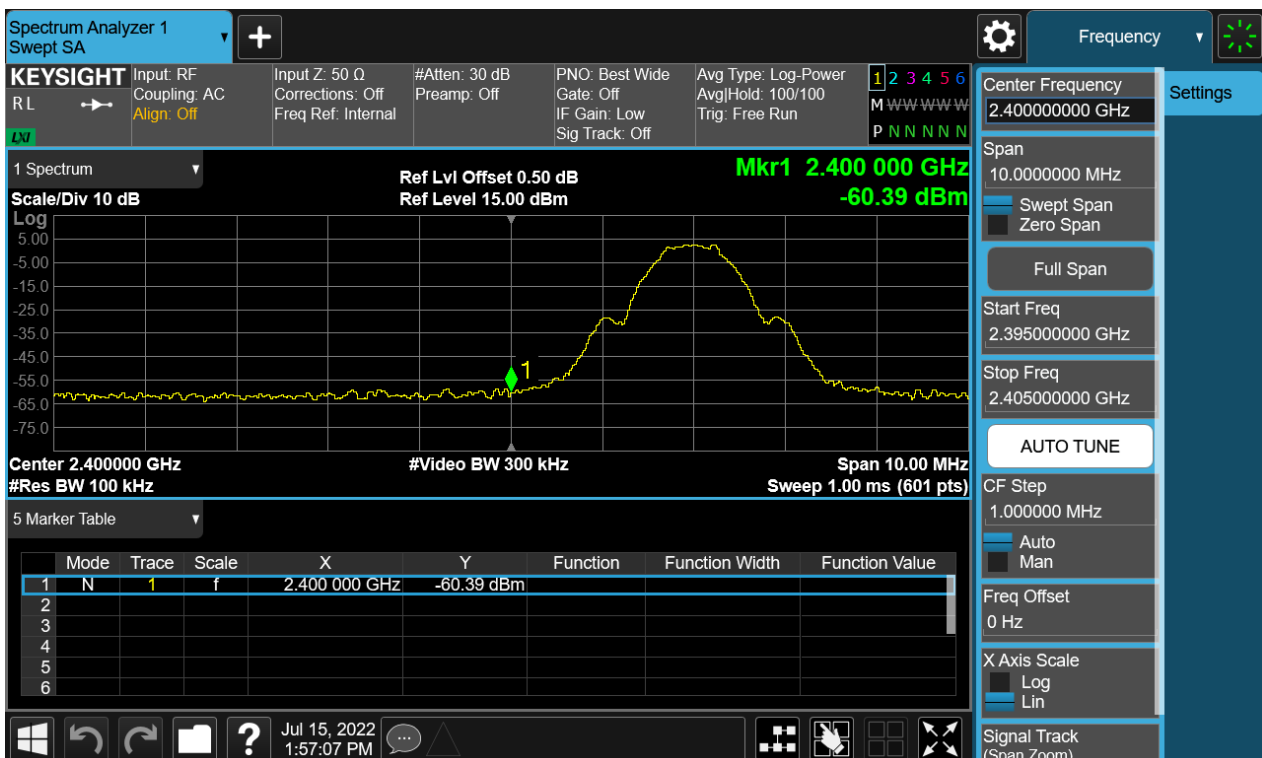
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Figure 4: Conducted Spurious Emission & Authorized-band band-edge, 2402MHz, BLE_1Mbps Carrier Level



Band Edge



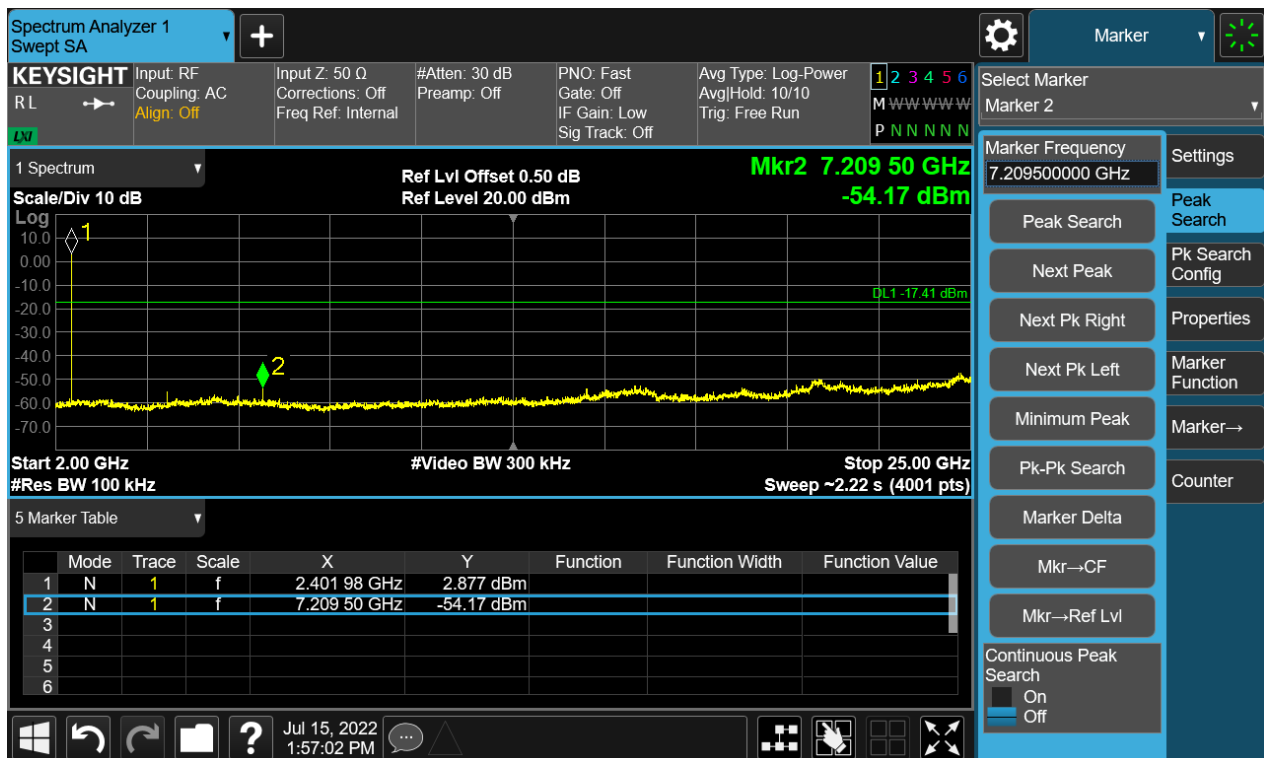
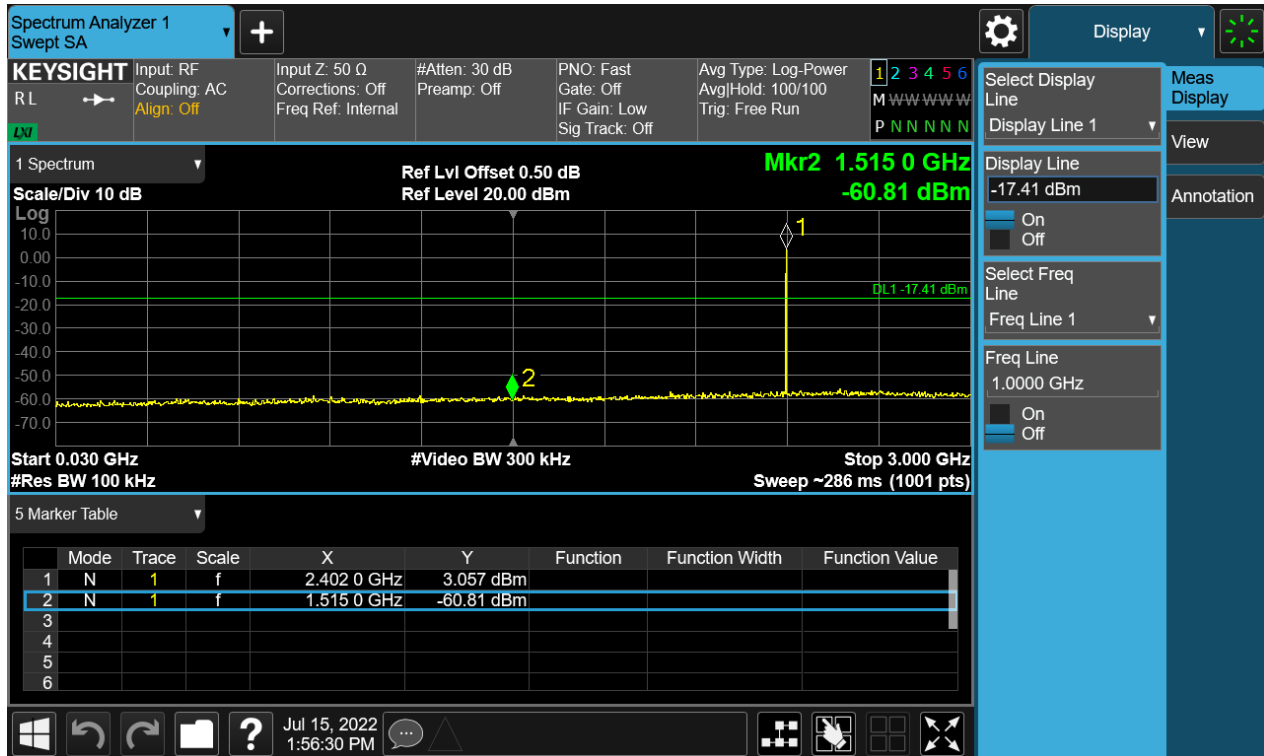
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Conducted spurious emissions 30MHz-25GHz



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Spectrum Analyzer 1
Swept SA

KEYSIGHT Input: RF
Coupling: AC
Align: Off

RL

Input Z: 50 Ω
Corrections: Off
Freq Ref: Internal

#Atten: 30 dB
Preamp: Off

PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off

Avg Type: Log-Power
Avg/Hold: 100/100
Trig: Free Run

1 2 3 4 5 6
M WWW WWW
P N N N N N

1 Spectrum

Scale/Div 10 dB

Log

10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0

Ref Lvl Offset 0.50 dB
Ref Level 20.00 dBm

Mkr1 2.439 985 GHz
2.55 dBm

Center 2.440000 GHz
#Res BW 100 kHz

#Video BW 300 kHz

Span 3.000 MHz
Sweep 1.00 ms (601 pts)

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.439 985 GHz	2.554 dBm			
2								
3								
4								
5								
6								

Settings

Center Frequency
2.440000000 GHz

Span
3.00000000 MHz

☒ Swept Span
☐ Zero Span

Full Span

Start Freq
2.438500000 GHz

Stop Freq
2.441500000 GHz

AUTO TUNE

CF Step
300.000 kHz

☒ Auto
☐ Man

Freq Offset
0 Hz

X Axis Scale
☐ Log
☒ Lin

Signal Track
(Span Zoom)

Windows icons: Start, Back, Forward, File Explorer, Help, Taskbar, Settings, Zoom In, Zoom Out, Full Screen, Window Management

Jul 15, 2022
1:58:29 PM

Spectrum Analyzer 1
Swept SA

KEYSIGHT Input: RF
Coupling: AC
Align: Off

Input Z: 50 Ω
Corrections: Off
Freq Ref: Internal

#Atten: 30 dB
Preamp: Off

PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off

Avg Type: Log-Power
AglHold: 100/100
Trig: Free Run

1 2 3 4 5 6
M WWW WWW W
P N N N N N

1 Spectrum

Scale/Div 10 dB

Log

Ref Lvl Offset 0.50 dB
Ref Level 20.00 dBm

Mkr2 1.515 0 GHz
-59.87 dBm

DL1 -17.45 dBm

Start 0.030 GHz
#Res BW 100 kHz

#Video BW 300 kHz

Stop 3.000 GHz
Sweep ~286 ms (1001 pts)

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.440 0 GHz	2.553 dBm			
2	N	1	f	1.515 0 GHz	-59.87 dBm			
3								
4								
5								
6								

Select Display Line
Display Line 1
Display Line -17.45 dBm
On Off

Select Freq Line
Freq Line 1
Freq Line 1.0000 GHz
On Off

Meas Display
View
Annotation

Jul 15, 2022 1:59:14 PM

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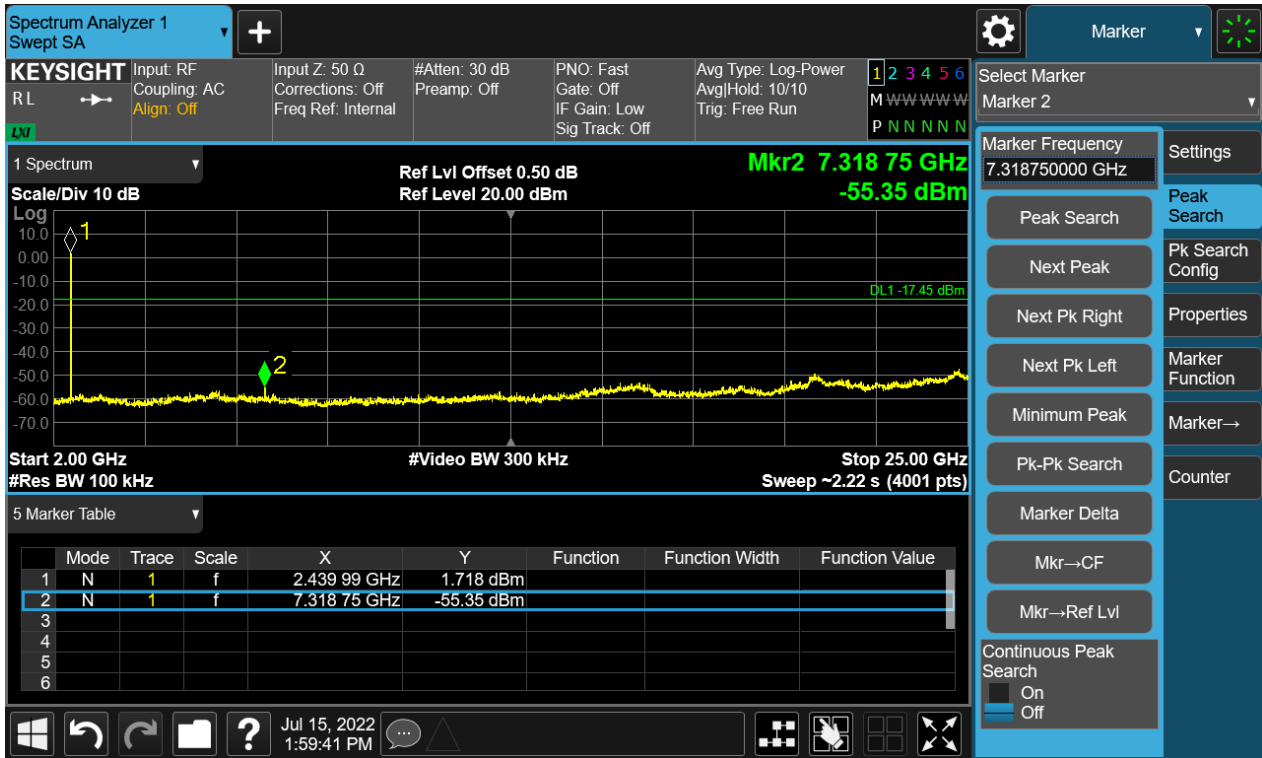
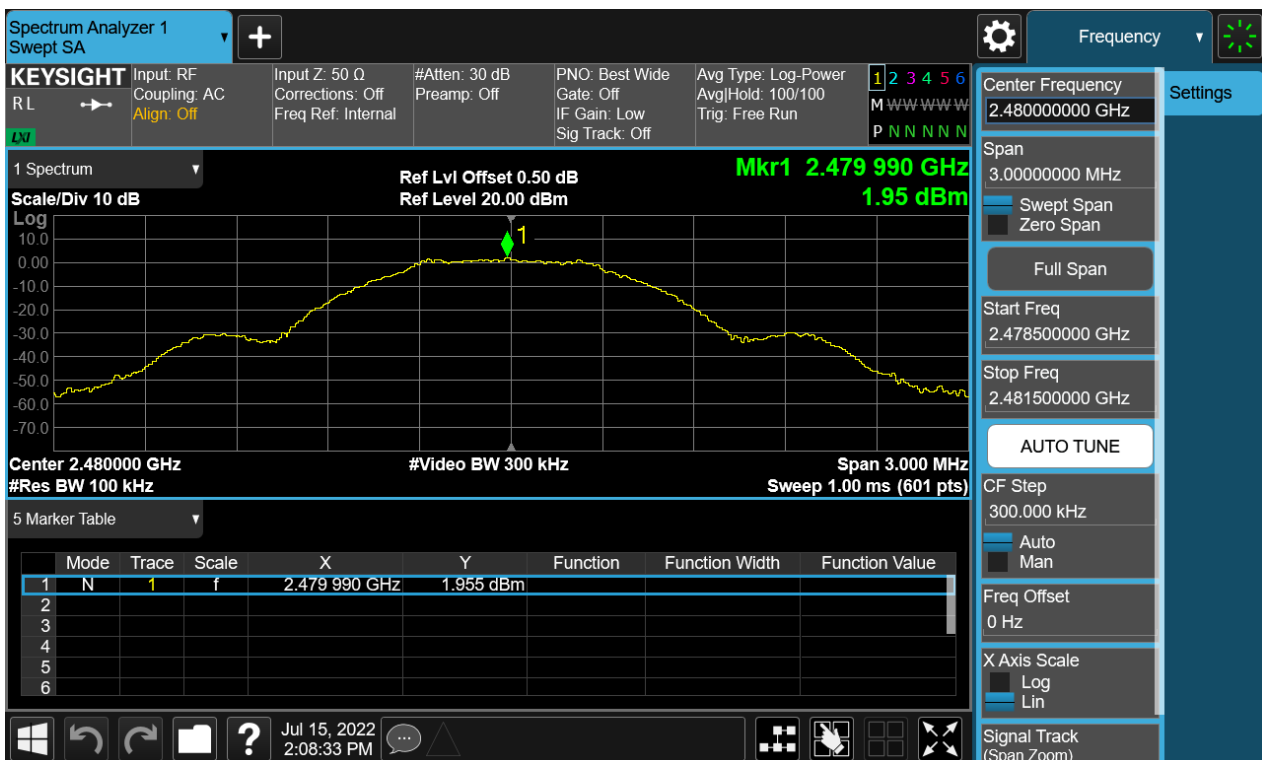


Figure 6: Conducted Spurious Emission & Authorized-band band-edge, 2480MHz, BLE_1Mbps Carrier Level



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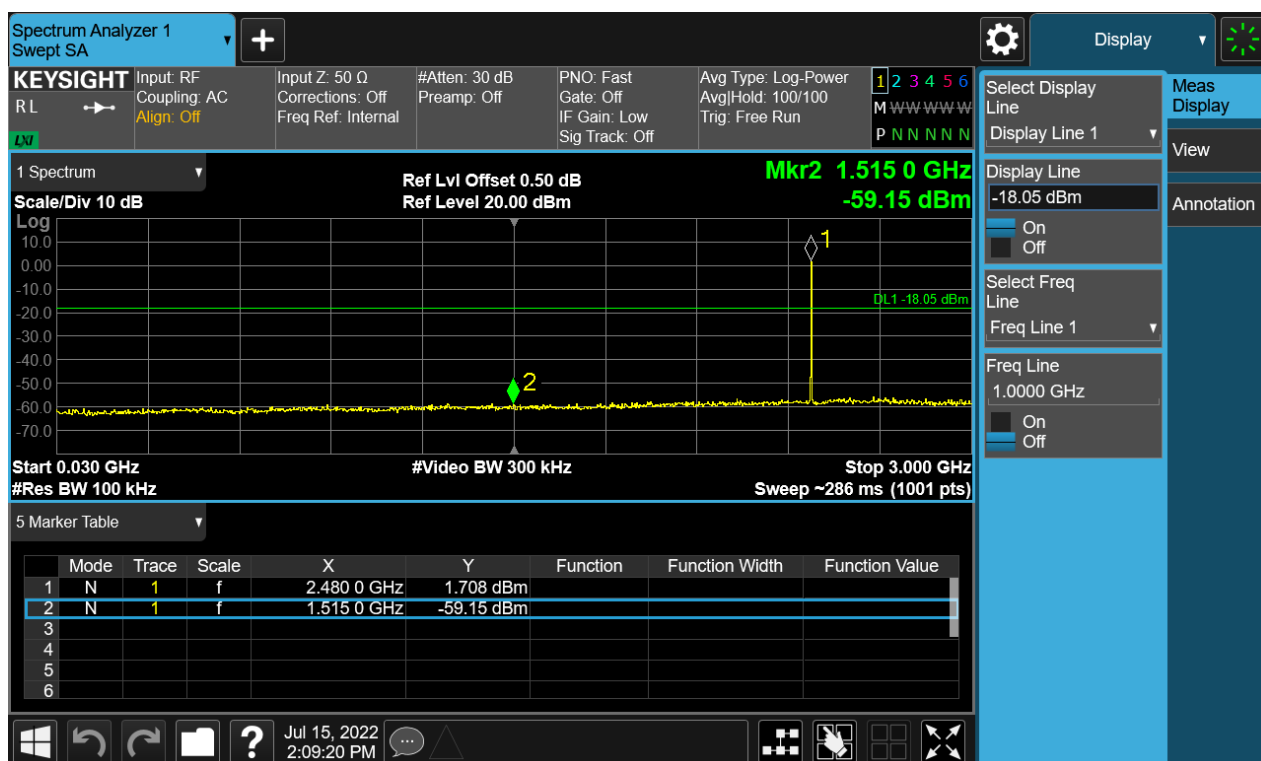
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Band Edge



Conducted spurious emissions 30MHz-25GHz



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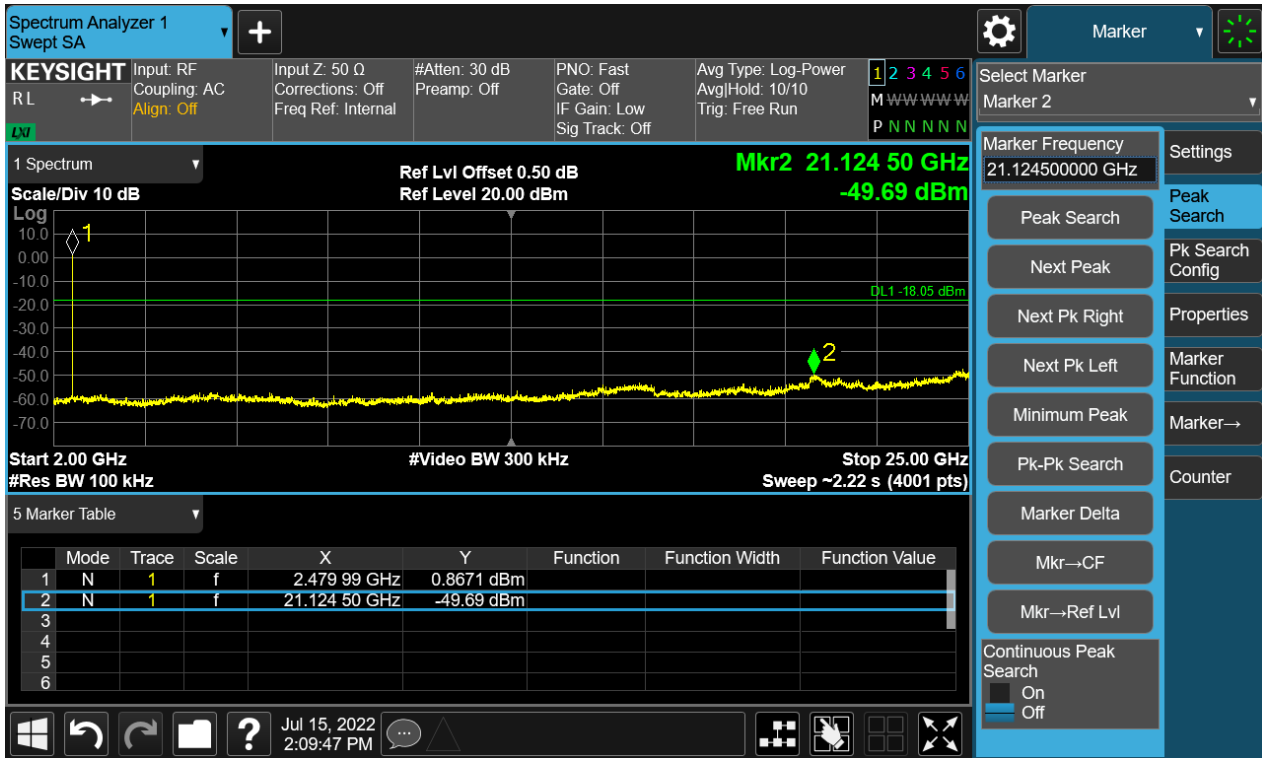
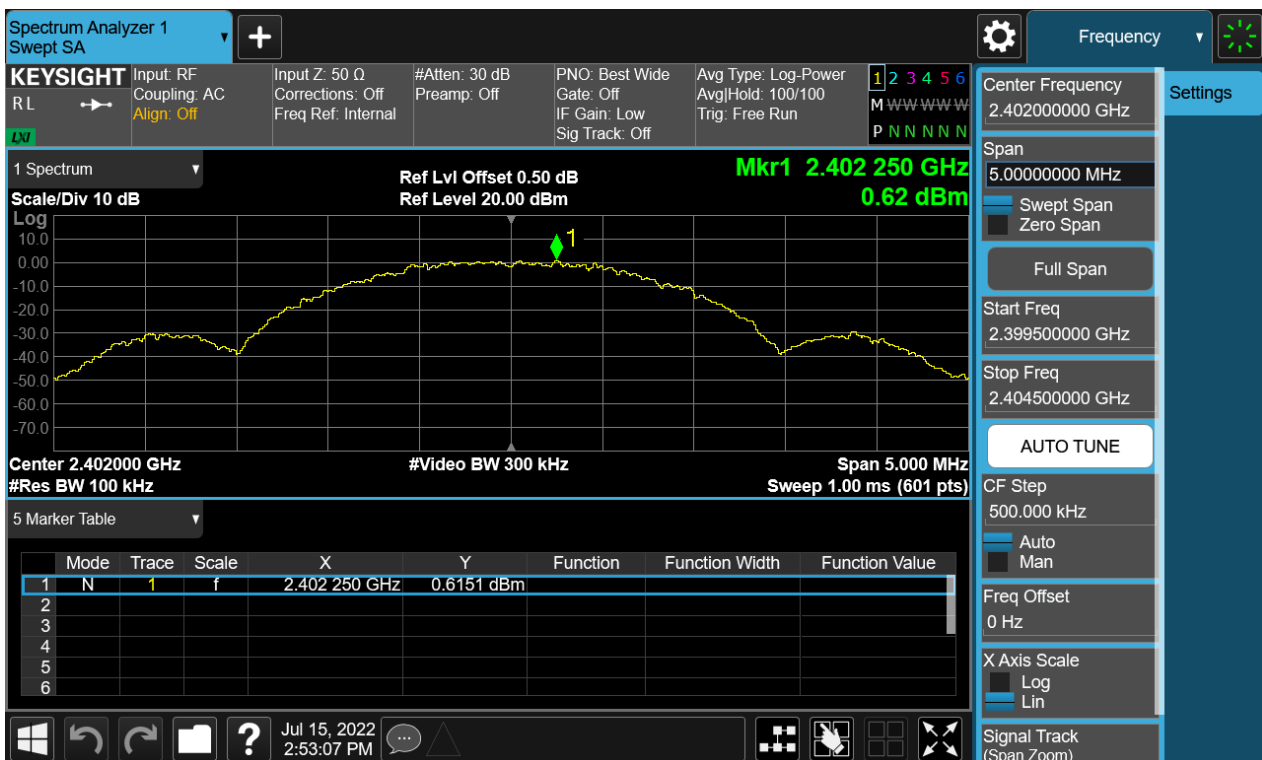


Figure 7: Conducted Spurious Emission & Authorized-band band-edge, 2402MHz, BLE_2Mbps Carrier Level



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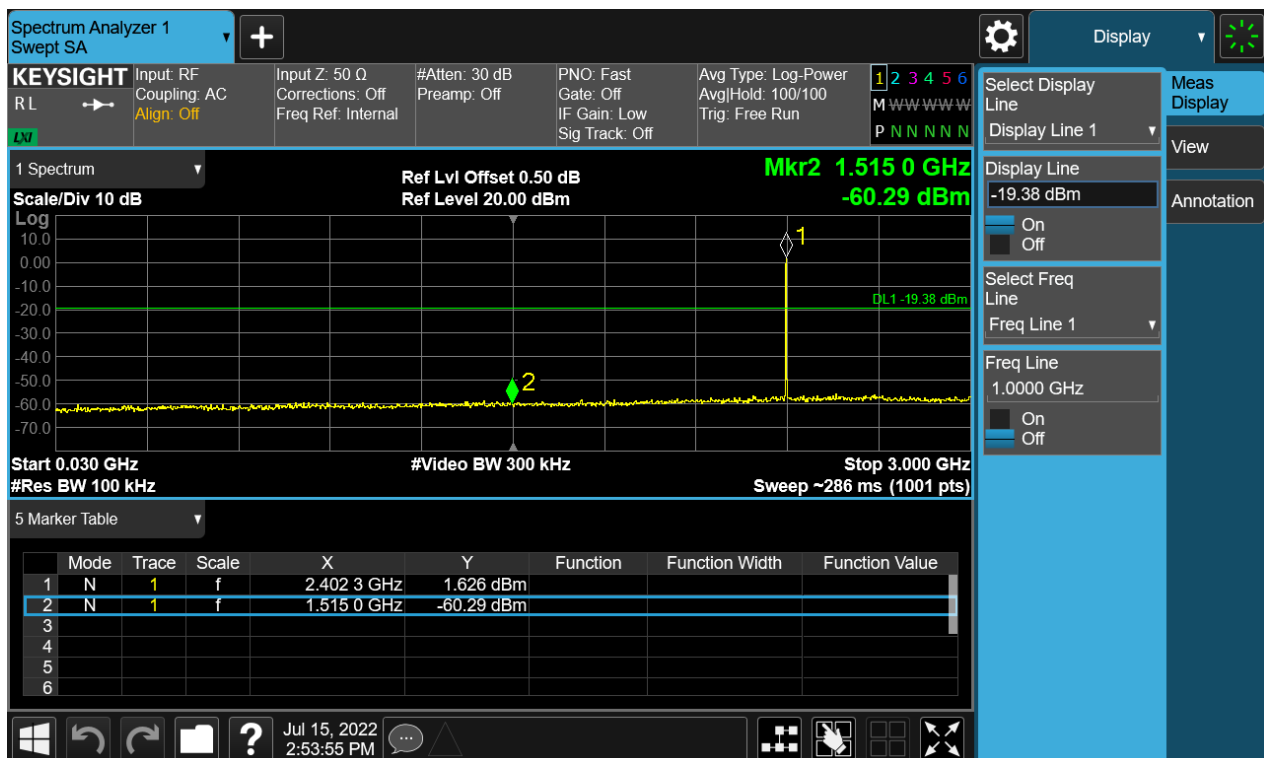
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Band Edge



Conducted spurious emissions 30MHz-25GHz



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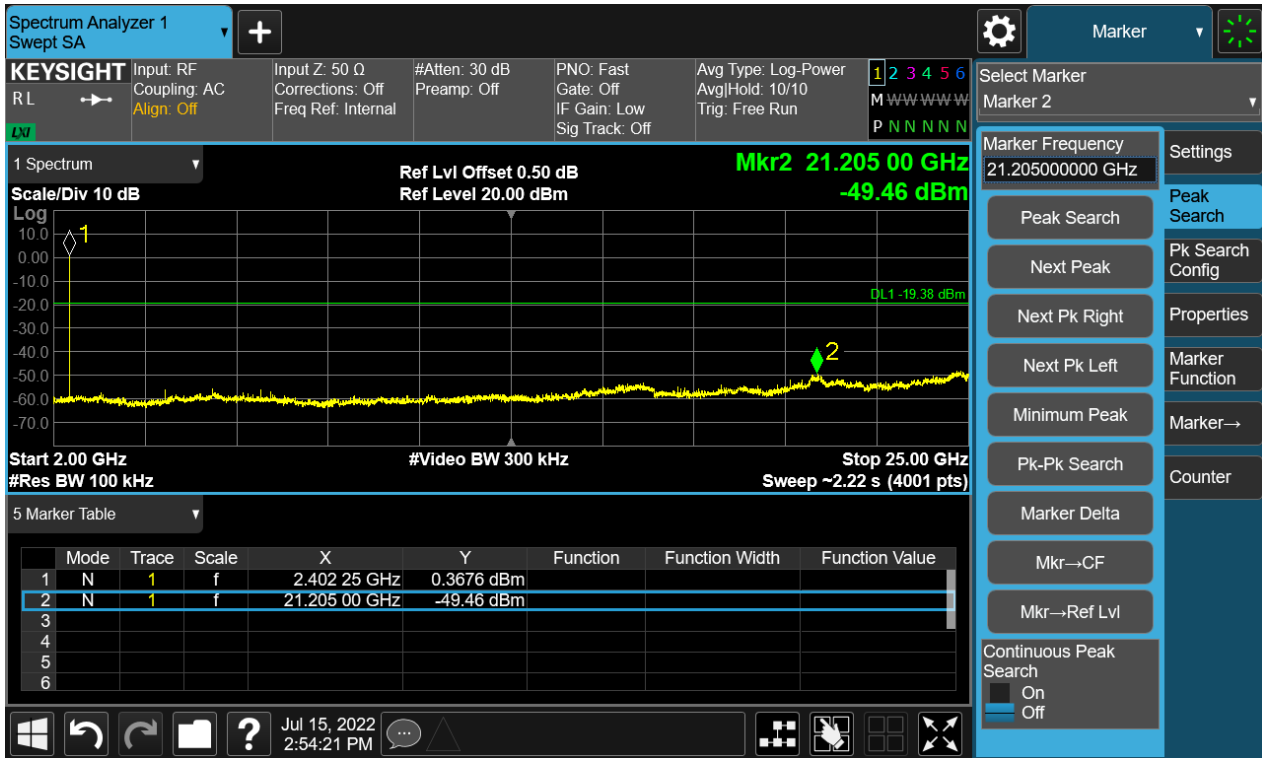
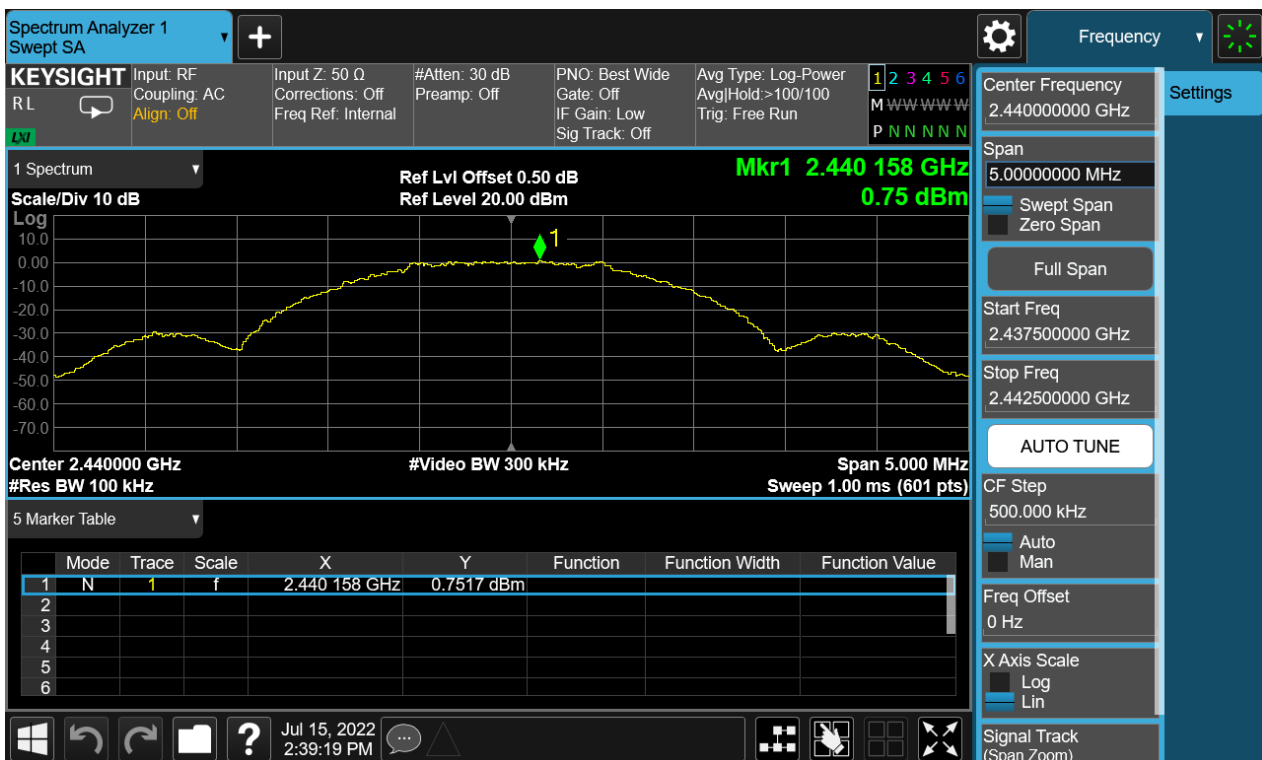


Figure 8: Conducted Spurious Emission & Authorized-band band-edge, 2440MHz, BLE_2Mbps Carrier Level



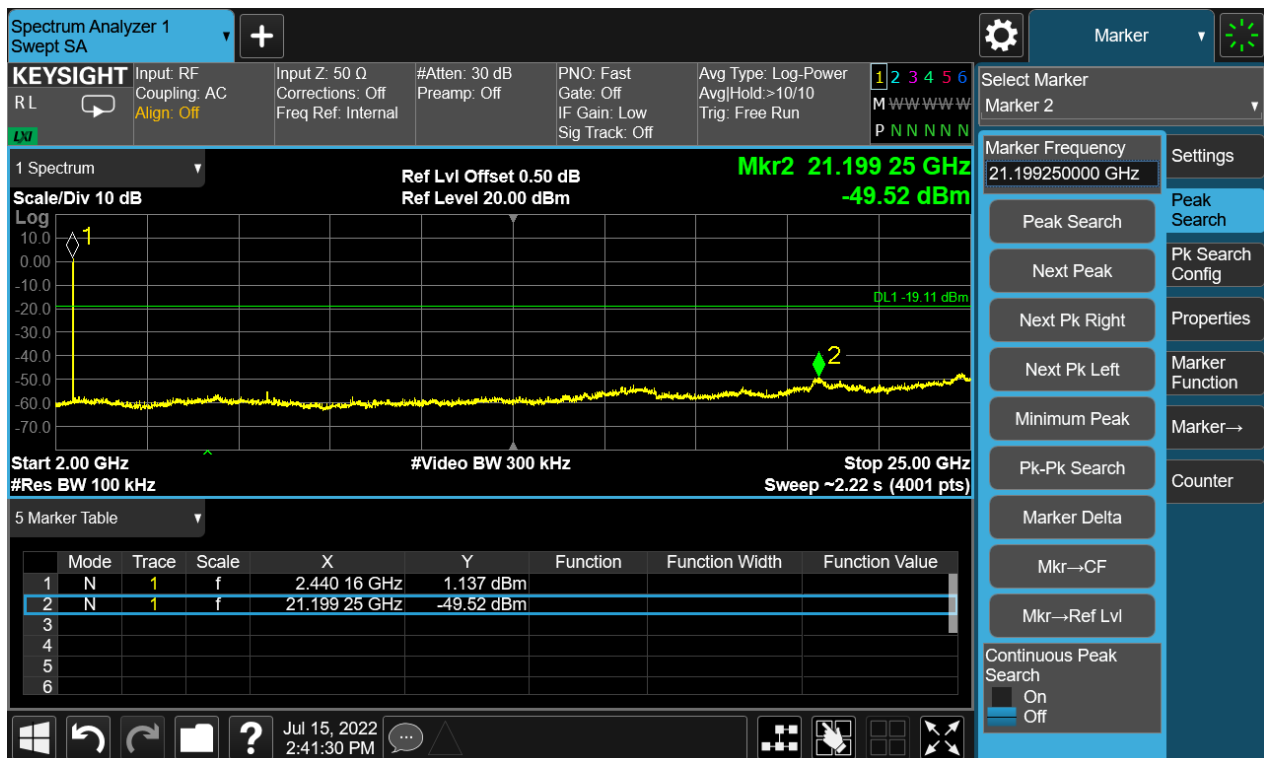
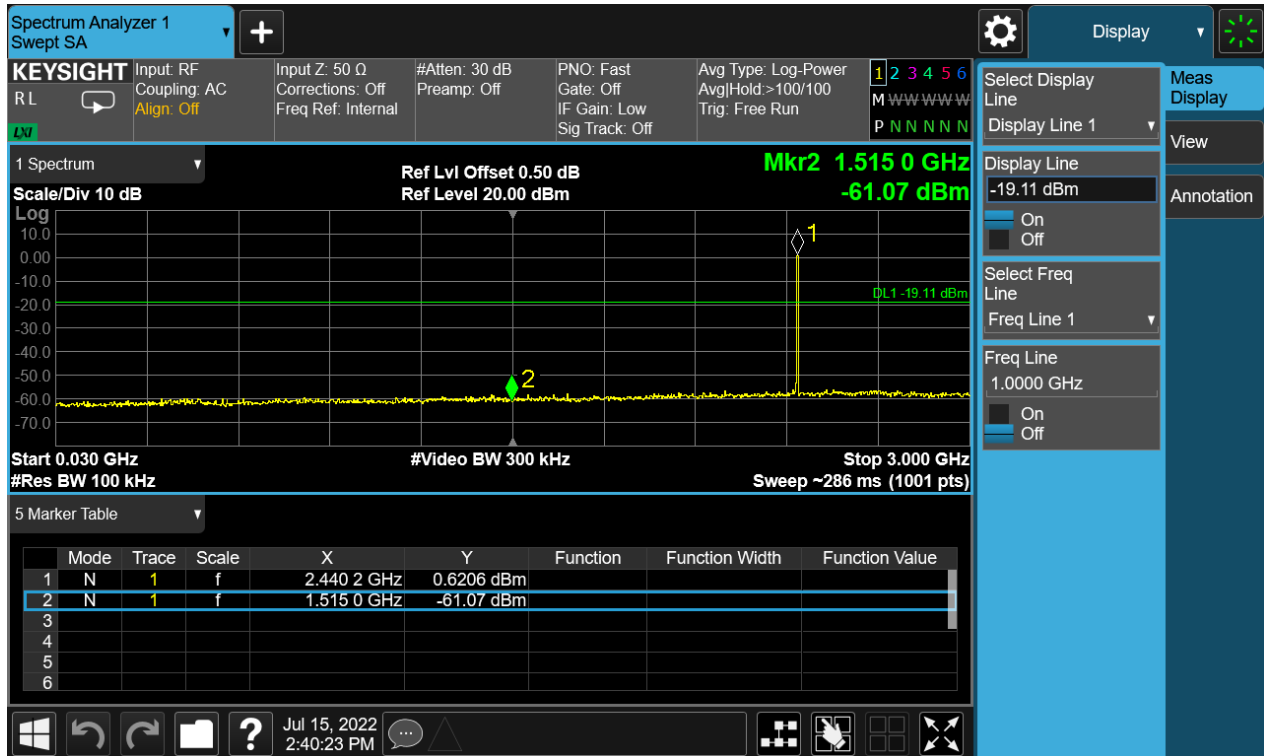
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Conducted spurious emissions 30MHz-25GHz



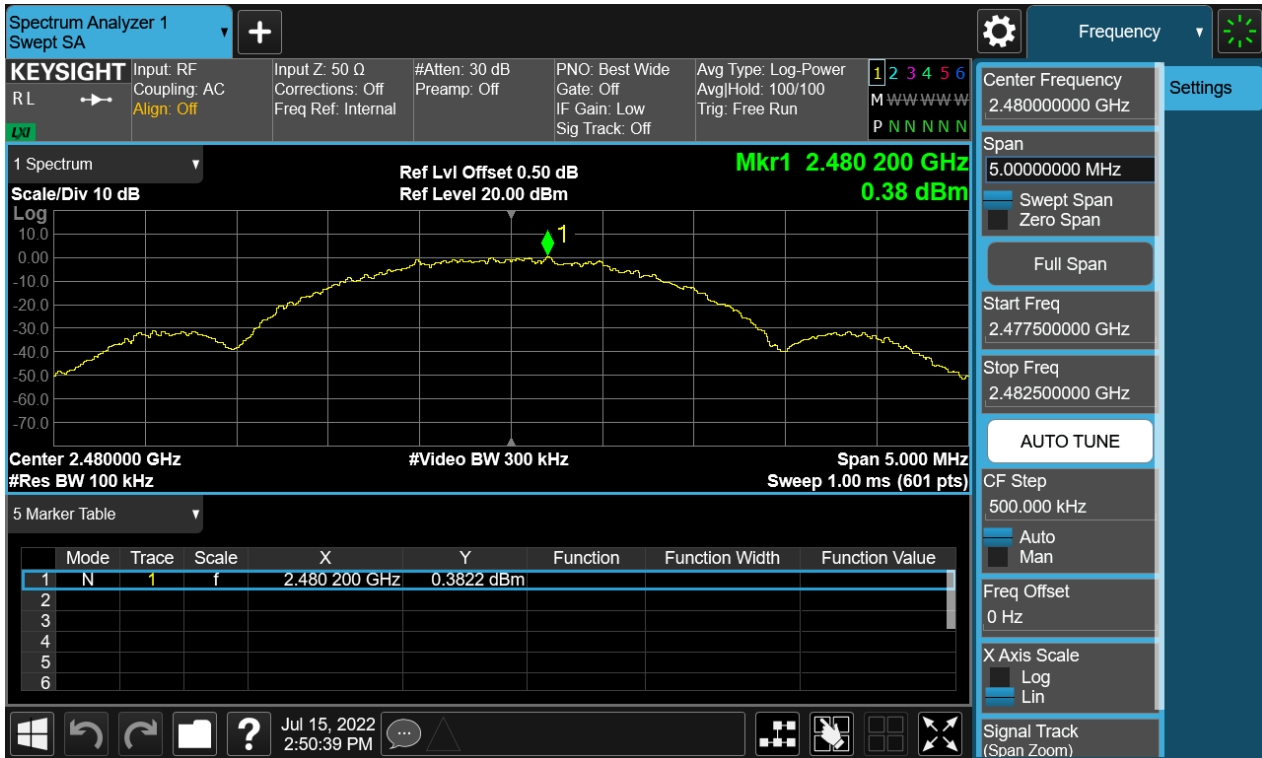
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Figure 9: Conducted Spurious Emission & Authorized-band band-edge, 2480MHz, BLE_2Mbps Carrier Level



Band Edge



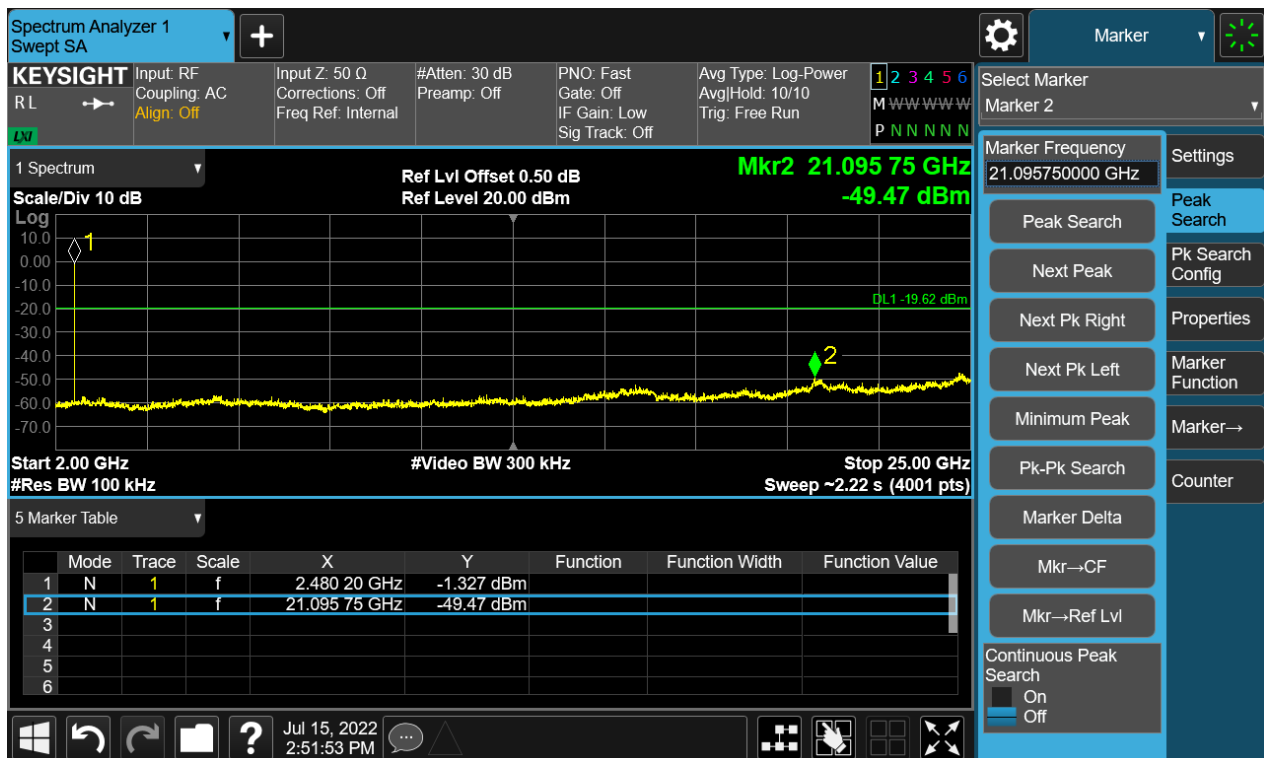
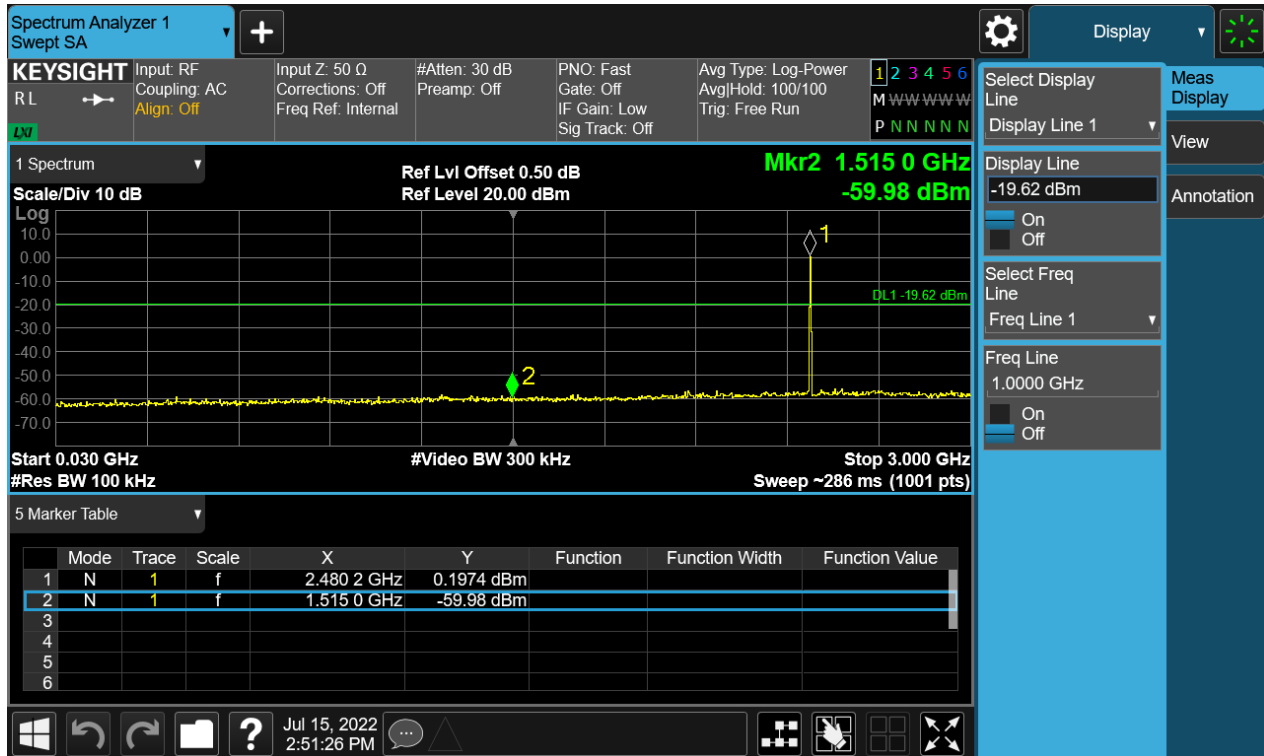
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Conducted spurious emissions 30MHz-25GHz



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4.1.6 Radiated Spurious Emission

RESULT:

PASS

Test standard	: FCC Part 15.247(d), 15.205, 15.209
Requirement	: ANSI C63.10-2013, KDB 558074
Kind of test site	: 3m Semi-Anechoic Chamber

Test setup

Test Channel	: Low/Middle/High
Operation Mode	: A.1.a, A.1.b
Ambient temperature	: 23.1°C
Relative humidity	: 52%

Notes

1. For 9 kHz ~ 30 MHz, the amplitude of spurious emissions that are attenuated by more than 20dB below the permissible. The value has no need to be reported.
2. The spurious above 18GHz is noise only and 20dB below the limit. The value has no need to be reported.
3. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement –X, Y, and Z-plane. The X-plane results were found as the worst case and were shown in this report.

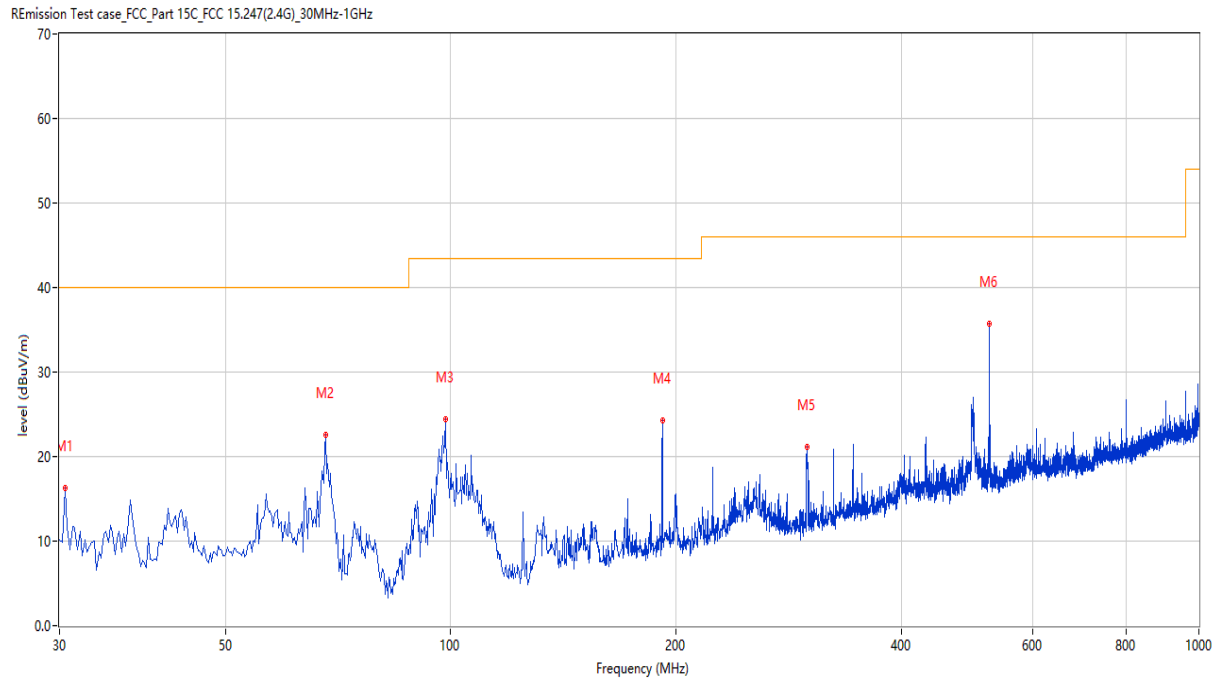
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Figure 10: The plots of BLE_1Mbps_2402 Channel, Horizontal polarization_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.485	16.35	-29.66	40.0	-23.65	Peak	258.00	150	Horizontal	Pass
2	68.063	22.62	-28.67	40.0	-17.38	Peak	269.90	100	Horizontal	Pass
3	98.368	24.40	-26.77	43.5	-19.10	Peak	141.30	150	Horizontal	Pass
4	191.950	24.25	-26.70	43.5	-19.25	Peak	34.90	150	Horizontal	Pass
5	299.835	21.10	-23.77	46.0	-24.90	Peak	0.00	200	Horizontal	Pass
6	524.819	35.72	-17.96	46.0	-10.28	Peak	321.00	200	Horizontal	Pass

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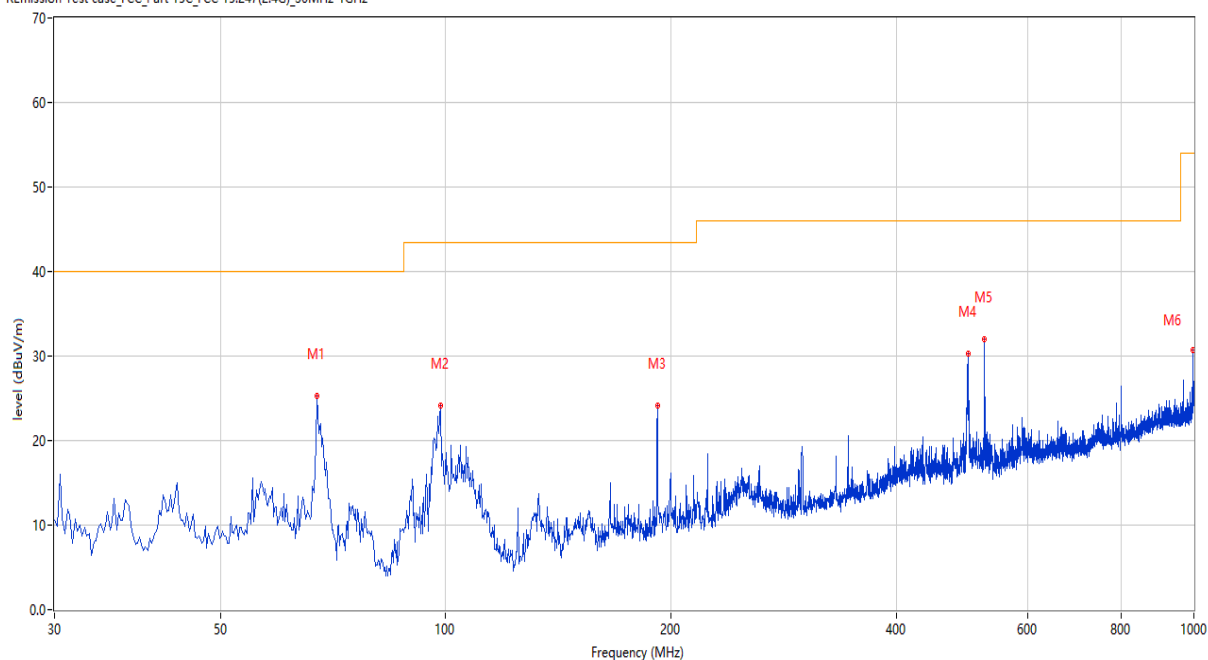
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The plots of BLE_1Mbps_2402 Channel, Vertical polarization_30MHz-1GHz

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	67.336	25.30	-28.42	40.0	-14.70	Peak	264.70	100	Vertical	Pass
2	98.368	24.13	-26.77	43.5	-19.37	Peak	360.00	200	Vertical	Pass
3	191.950	24.15	-26.70	43.5	-19.35	Peak	45.50	200	Vertical	Pass
4	498.878	30.22	-18.63	46.0	-15.78	Peak	0.00	100	Vertical	Pass
5	524.819	31.94	-17.96	46.0	-14.06	Peak	0.00	200	Vertical	Pass
6	996.848	30.78	-8.35	54.0	-23.22	Peak	0.00	150	Vertical	Pass

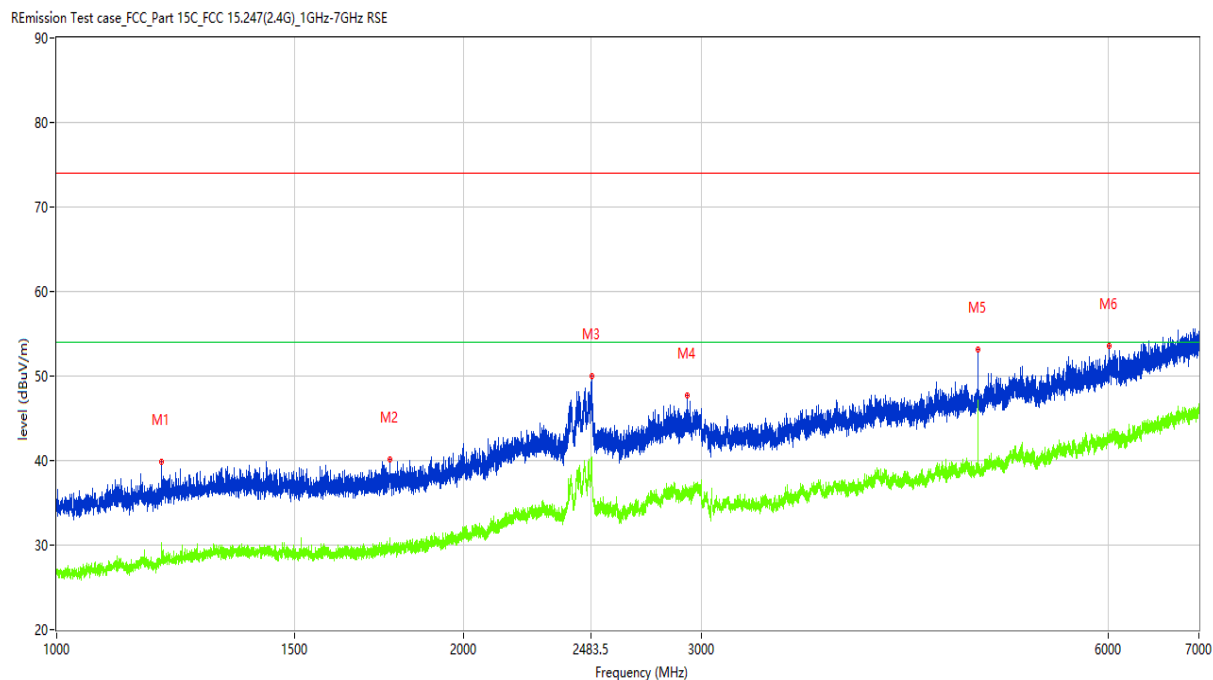
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The plots of BLE_1Mbps_2402 Channel, Horizontal polarization_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.000	39.82	-13.46	74.0	-34.18	Peak	293.90	100	Horizontal	Pass
1**	1196.000	30.08	-13.46	54.0	-23.92	AV	293.90	100	Horizontal	Pass
2	1764.750	40.19	-12.26	74.0	-33.81	Peak	113.10	100	Horizontal	Pass
2**	1764.750	30.79	-12.26	54.0	-23.21	AV	113.10	100	Horizontal	Pass
3	2487.500	49.95	-1.89	74.0	-24.05	Peak	321.50	100	Horizontal	Pass
3**	2487.500	40.36	-1.89	54.0	-13.64	AV	321.50	100	Horizontal	Pass
4	2930.000	47.66	-4.31	74.0	-26.34	Peak	29.70	100	Horizontal	Pass
4**	2930.000	36.76	-4.31	54.0	-17.24	AV	29.70	100	Horizontal	Pass
5	4804.000	53.10	-0.56	74.0	-20.90	Peak	228.00	100	Horizontal	Pass
5**	4804.000	46.95	-0.56	54.0	-7.05	AV	228.00	100	Horizontal	Pass
6	6012.000	53.63	2.75	74.0	-20.37	Peak	360.00	100	Horizontal	Pass
6**	6012.000	43.19	2.75	54.0	-10.81	AV	360.00	100	Horizontal	Pass

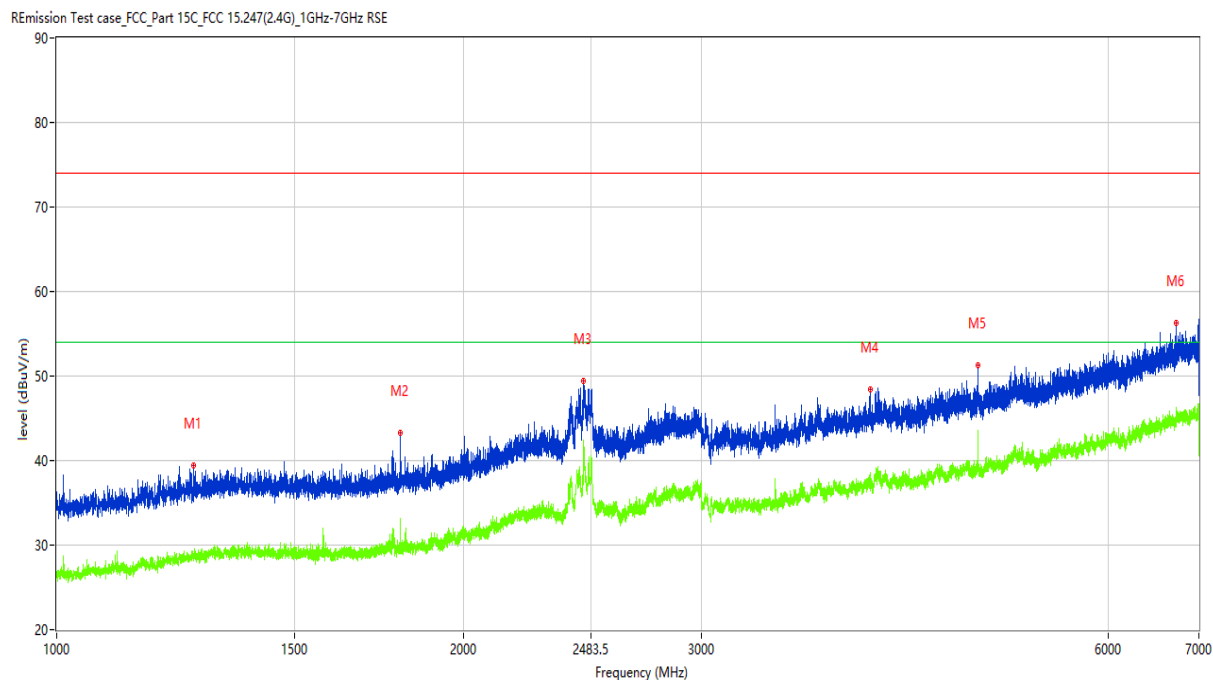
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The plots of BLE_1Mbps_2402 Channel, Vertical polarization_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1262.000	39.47	-13.18	74.0	-34.53	Peak	194.00	100	Vertical	Pass
1**	1262.000	28.84	-13.18	54.0	-25.16	AV	194.00	100	Vertical	Pass
2	1796.000	43.31	-12.50	74.0	-30.69	Peak	158.60	100	Vertical	Pass
2**	1796.000	33.14	-12.50	54.0	-20.86	AV	158.60	100	Vertical	Pass
3	2454.750	49.36	-2.70	74.0	-24.64	Peak	359.00	100	Vertical	Pass
3**	2454.750	42.47	-2.70	54.0	-11.53	AV	359.00	100	Vertical	Pass
4	3998.000	48.39	-1.15	74.0	-25.61	Peak	252.30	100	Vertical	Pass
4**	3998.000	38.51	-1.15	54.0	-15.49	AV	252.30	100	Vertical	Pass
5	4804.500	51.32	-0.56	74.0	-22.68	Peak	104.10	100	Vertical	Pass
5**	4804.500	43.26	-0.56	54.0	-10.74	AV	104.10	100	Vertical	Pass
6	6736.000	56.22	4.70	74.0	-17.78	Peak	352.70	100	Vertical	Pass
6**	6736.000	44.90	4.70	54.0	-9.10	AV	352.70	100	Vertical	Pass

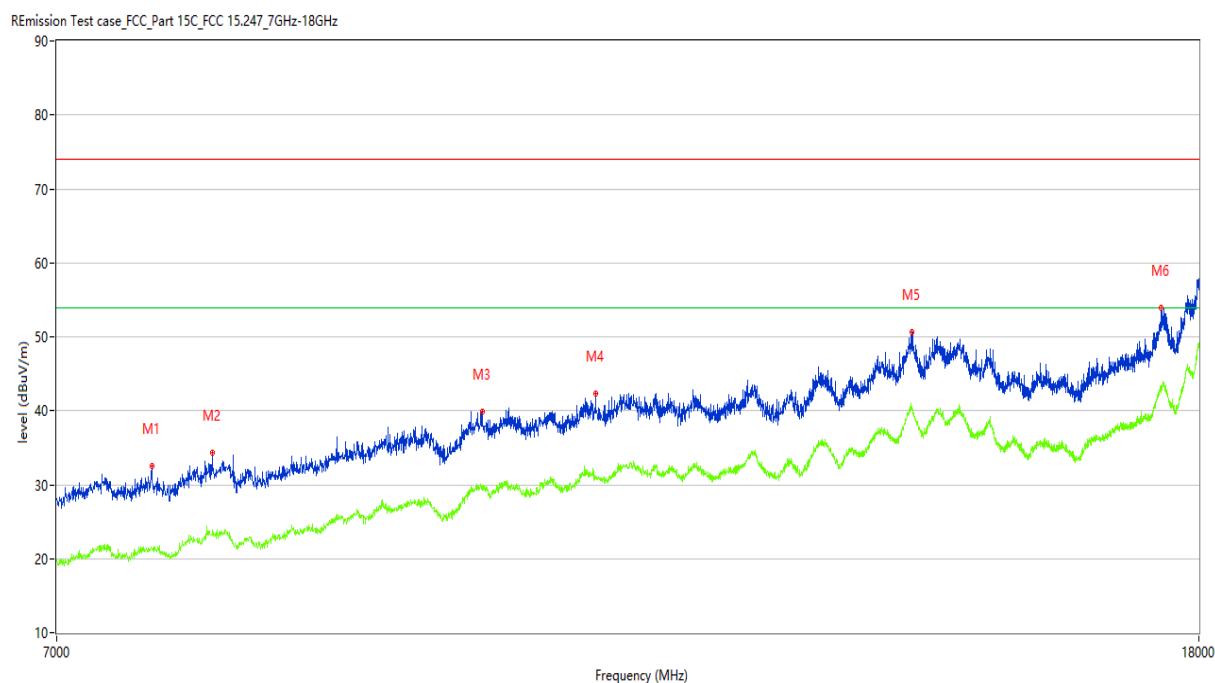
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The plots of BLE_1Mbps_2402 Channel, Horizontal polarization_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7572.000	32.50	1.89	74.0	-41.50	Peak	139.60	100	Horizontal	Pass
1**	7572.000	21.20	1.89	54.0	-32.80	AV	139.60	100	Horizontal	Pass
2	7962.500	34.41	3.49	74.0	-39.59	Peak	242.30	100	Horizontal	Pass
2**	7962.500	23.57	3.49	54.0	-30.43	AV	242.30	100	Horizontal	Pass
3	9953.500	39.94	9.66	74.0	-34.06	Peak	75.60	100	Horizontal	Pass
3**	9953.500	29.85	9.66	54.0	-24.15	AV	75.60	100	Horizontal	Pass
4	10929.750	42.39	11.13	74.0	-31.61	Peak	166.40	100	Horizontal	Pass
4**	10929.750	31.02	11.13	54.0	-22.98	AV	166.40	100	Horizontal	Pass
5	14202.250	50.71	19.45	74.0	-23.29	Peak	0.50	100	Horizontal	Pass
5**	14202.250	40.21	19.45	54.0	-13.79	AV	0.50	100	Horizontal	Pass
6	17452.751	53.92	20.93	74.0	-20.08	Peak	128.50	100	Horizontal	Pass
6**	17452.751	43.12	20.93	54.0	-10.88	AV	128.50	100	Horizontal	Pass

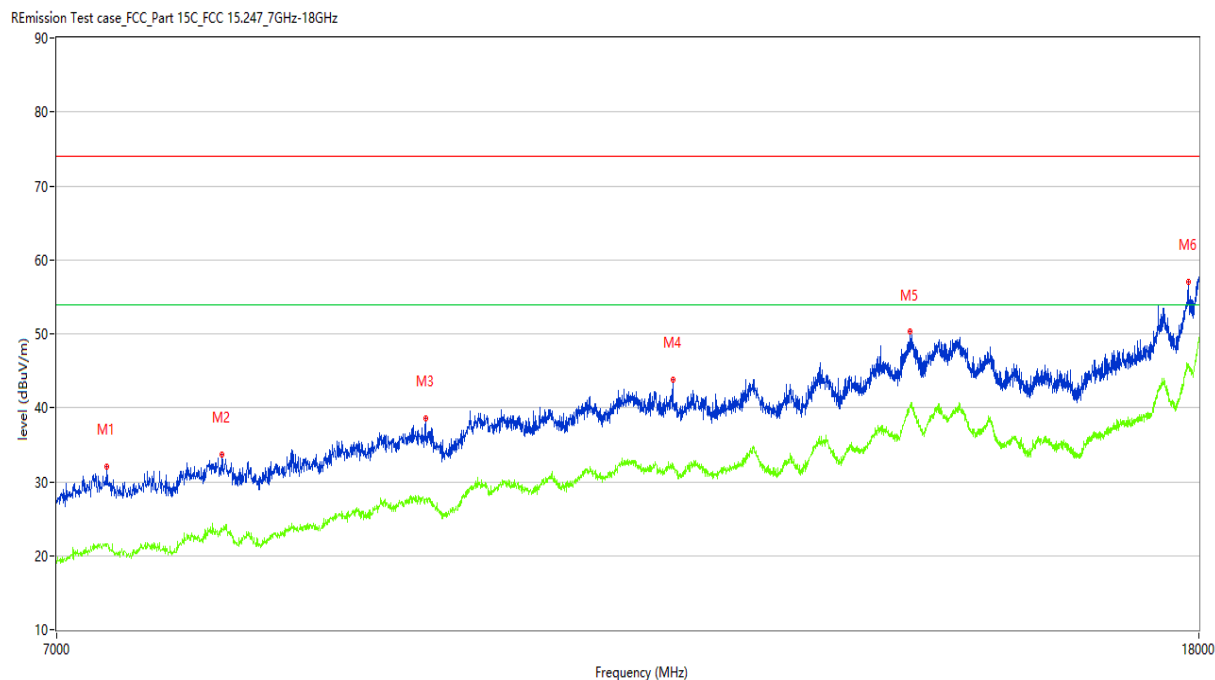
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The plots of BLE_1Mbps_2402 Channel, Vertical polarization_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7297.000	32.03	1.74	74.0	-41.97	Peak	347.80	100	Vertical	Pass
1**	7297.000	21.59	1.74	54.0	-32.41	AV	347.80	100	Vertical	Pass
2	8023.000	33.73	4.22	74.0	-40.27	Peak	20.50	100	Vertical	Pass
2**	8023.000	23.70	4.22	54.0	-30.30	AV	20.50	100	Vertical	Pass
3	9497.000	38.63	7.88	74.0	-35.37	Peak	222.20	100	Vertical	Pass
3**	9497.000	27.58	7.88	54.0	-26.42	AV	222.20	100	Vertical	Pass
4	11650.250	43.79	11.18	74.0	-30.21	Peak	359.30	100	Vertical	Pass
4**	11650.250	32.31	11.18	54.0	-21.69	AV	359.30	100	Vertical	Pass
5	14174.750	50.31	19.34	74.0	-23.69	Peak	222.20	100	Vertical	Pass
5**	14174.750	40.44	19.34	54.0	-13.56	AV	222.20	100	Vertical	Pass
6	17840.501	57.08	22.48	74.0	-16.92	Peak	0.00	100	Vertical	Pass
6**	17840.501	45.62	22.48	54.0	-8.38	AV	0.00	100	Vertical	Pass

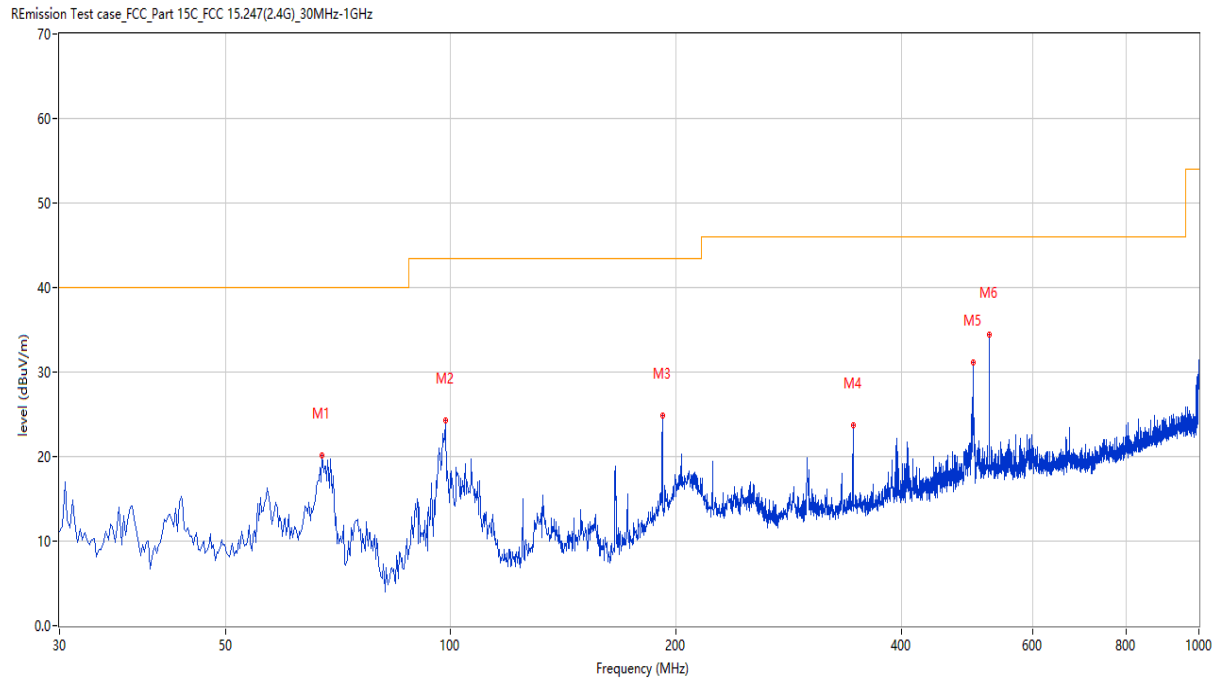
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Figure 11: The plots of BLE_1Mbps_2440 Channel, Horizontal polarization_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	67.336	20.09	-28.42	40.0	-19.91	Peak	306.20	100	Horizontal	Pass
2	98.368	24.28	-26.77	43.5	-19.22	Peak	23.80	100	Horizontal	Pass
3	191.950	24.92	-26.70	43.5	-18.58	Peak	27.90	150	Horizontal	Pass
4	344.929	23.65	-21.82	46.0	-22.35	Peak	360.00	200	Horizontal	Pass
5	499.363	31.09	-18.61	46.0	-14.91	Peak	0.00	150	Horizontal	Pass
6	524.819	34.36	-17.96	46.0	-11.64	Peak	360.00	200	Horizontal	Pass