



FCC Test Report

Application No.: DNT2606234040R08043-09488

Applicant: Shenzhen Kejinming Electronic Co.,Ltd.

Address of Applicant: 1F-6F, Building B7, Yintian Industrial Zone, Yantian Community, Xixiang Street, Bao'an District, Shenzhen, China

EUT Description: Roku TV Smart Projector

Model No.: K200

Additional Model(s): RK100, RK200, RK300, RK350, RK201, K200-W, K200-B, K200-D, K210, K210-W, K210-B, K210-D, K220, K220-W, K220-B, K220-D, K230, K230-W, K230-B, K230-D, Q350, Q350-W, Q350-B, Q350-D, Q360, Q360-W, Q360-B, Q360-D, Q370, Q370-W, Q370-B, Q370-D, Q380, Q380-W, Q380-B, Q380-D, K201, K202, K203, SW100, EPJ140AGR, NeoPix 120, J7P2504, K240, K250, RK202, NeoPix 260, NeoPix 270, J1P2602, J1P2603, K350, K400, SH180, SH250, MPJ230-WHITE, NeoPix 350, J1P2604, BRP-PT210, BRP-PT220, BRP-PT230

FCC ID: 2BU2U-K200

Power Supply: Input: AC 100-240V 50/60Hz 42W
USB Output: 5V 1.0A

Trade Mark: /

Standards: 47 CFR Part 2, Subpart J
47 CFR Part 15, Subpart C
ANSI C63.10: 2020

Date of Receipt: 2026/02/28

Date of Test: 2026/03/01 to 2026/03/19

Date of Issue: 2026/06/26

Test Result: **PASS**

Prepared By: Guohua Lin (Testing Engineer)

Reviewed By: Wayne Lin (Project Engineer)

Approved By: Yifeng Shen (Manager)



Guangdong DN Testing Co., Ltd.

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Note: If there is any objection to the results in this report, please submit a written inquiry to the company within 15 days from the date of receiving the report. The test report is effective only with both signature and specialized stamp, and is issued by the company in accordance with the requirements of the "Conditions of Issuance of Test Reports" printed in the attached page. Unless otherwise stated, the results presented in this report only apply to the samples tested this time. Partial reproduction of this report is not allowed unless approved by the company in writing.

Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	April 20, 2026	Original Report	DNT2602280176R00327-01112
V2.0	June 26, 2026	June 26, 2026	Report 1	DNT2606234040R08043-09488

Modification:

The original report ref. No. DNT2602280176R00327-01112, dated April 20, 2026 was modified and issued on June 26, 2026 to include the following changes:Based on the original report's model K200, BRP-PT210 external bracket has been modified, with added silk screen printing; and the report includes radiated spurious emissions for 30-1000MHz difference testing;The differences between models BRP-PT220 and BRP-PT230 and model BRP-PT210 lie in the name and color.

Note:

The other test data are derived from the original model report DNT2602280176R00327-01112.



1 Test Summary

Test Item	Test Requirement	Test Method	Test Result	Result
Antenna Requirement	15.203/247(b)	--	Clause 3.1	PASS
Duty Cycle	--	--	Clause 3.2	PASS
DTS (6 dB) Bandwidth	15.247 (a)(2)	ANSI C63.10: 2020	Clause 3.3	PASS
Conducted Output Power	15.247 (b)(3)	ANSI C63.10: 2020	Clause 3.4	PASS
Power Spectral Density	15.247 (e)	ANSI C63.10: 2020	Clause 3.5	PASS
Band-edge for RF Conducted Emissions	15.247(d)	ANSI C63.10: 2020	Clause 3.6	PASS
RF Conducted Spurious Emissions	15.247(d)	ANSI C63.10: 2020	Clause 3.7	PASS
Radiated Spurious Emissions	15.247(d);15.205/15.209	ANSI C63.10: 2020	Clause 3.8	PASS
Restricted bands around fundamental frequency (Radiated Emission)	15.247(d);15.205/15.209	ANSI C63.10: 2020	Clause 3.9	PASS
AC Power Line Conducted Emission	15.207	ANSI C63.10: 2020	Clause 3.10	PASS

Note:

1. "N/A" denotes test is not applicable in this test report.



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2 General Information

2.1 Test Location

Company:	Guangdong DN Testing Co., Ltd
Address:	No. 1, West Fourth Street, South Xinfu Road, Wusha Liwu, Chang' an Town, Dongguan City, Guangdong P.R.China
Test engineer:	Gali Lin

2.2 General Description of EUT

Manufacturer:	Shenzhen Kejinming Electronic Co.,Ltd.
Address of Manufacturer:	1F-6F, Building B7, Yintian Industrial Zone, Yantian Community, Xixiang Street, Bao'an District, Shenzhen, China
Factory:	Huizhou Kejinming Electronics Co.,Ltd
Address of factory:	Building 1, Kejinming Industrial Park, No. 4, Yingshan Second Road, Shanbei Village, Lilin Town,Zhongkai Hi tech Zone,Huizhou
EUT Description:	Roku TV Smart Projector
Model No.:	K200
Additional Model(s):	RK100, RK200, RK300, RK350, RK201, K200-W, K200-B, K200-D, K210, K210-W, K210-B, K210-D, K220, K220-W, K220-B, K220-D, K230, K230-W, K230-B, K230-D, Q350, Q350-W, Q350-B, Q350-D, Q360, Q360-W, Q360-B, Q360-D, Q370, Q370-W, Q370-B, Q370-D, Q380, Q380-W, Q380-B, Q380-D, K201, K202, K203, SW100, EPJ140AGR, NeoPix 120, J7P2504,K240, K250 , RK202, NeoPix 260, NeoPix 270, J1P2602, J1P2603, K350, K400, SH180, SH250, MPJ230-WHITE, NeoPix 350, J1P2604,BRP-PT210,BRP-PT220,BRP-PT230
Power Supply:	Input: AC 100-240V 50/60Hz 42W USB Output: 5V 1.0A
Trade Mark:	/
Hardware Version:	V1.0
Software Version:	V1.0
Chip Type:	RTL8733BU
Serial number:	PR2606234040R08043
Operation Frequency:	2402MHz to 2480MHz
Type of Modulation:	GFSK
Sample Type:	☐ Portable Device, ☐ Module, ☒ Mobile Device
Antenna Type:	☐ External, ☒ Integrated



Antenna Ports	☒ Ant 1, ☐ Ant 2, ☐ Ant 3
Antenna Gain*:	☒ Provided by applicant 2.02dBi
RF Cable*:	☒ Provided by applicant 0.5dB(0.6~1GHz); 0.8dB(1.4~2GHz); 1.0dB(2.1~2.7GHz); 1.5dB(3~4GHz); 1.8dB(4.4~6GHz);
Note: *The differences between the model BRP-PT210 and the original model K200 are external bracket has been modified, with added silk screen printing;The differences between models BRP-PT220 and BRP-PT230 and model BRP-PT210 lie in the name and color;The differences between other models and model K200 lie in the name, while the motherboard, PCB circuit board, chip, electronic components is all the same. *Since the above data and/or information is provided by the client relevant results or conclusions of this report are only made for these data and/or information, DNT is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.	

2.3 Test Environment

Operating Environment:	
Temperature:	20~25.0 °C
Humidity:	45~56 % RH
Atmospheric Pressure:	101.0~101.30 KPa
Test mode:	
Transmitting mode:	Keep the EUT in transmitting mode with all kind of modulation and all kind of data rate.



2.4Channel List

Operation Frequency of each channel(GFSK 1M)							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	10	2422MHz	20	2442MHz	30	2462MHz
1	2404MHz	11	2424MHz	21	2444MHz	31	2464MHz
2	2406MHz	12	2426MHz	22	2446MHz	32	2466MHz
3	2408MHz	13	2428MHz	23	2448MHz	33	2468MHz
4	2410MHz	14	2430MHz	24	2450MHz	34	2470MHz
5	2412MHz	15	2432MHz	25	2452MHz	35	2472MHz
6	2414MHz	16	2434MHz	26	2454MHz	36	2474MHz
7	2416MHz	17	2436MHz	27	2456MHz	37	2476MHz
8	2418MHz	18	2438MHz	28	2458MHz	38	2478MHz
9	2420MHz	19	2440MHz	29	2460MHz	39	2480MHz
Operation Frequency of each channel(GFSK 2M)							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2404MHz	11	2424MHz	21	2444MHz	31	2464MHz
2	2406MHz	12	2426MHz	22	2446MHz	32	2466MHz
3	2408MHz	13	2428MHz	23	2448MHz	33	2468MHz
4	2410MHz	14	2430MHz	24	2450MHz	34	2470MHz
5	2412MHz	15	2432MHz	25	2452MHz	35	2472MHz
6	2414MHz	16	2434MHz	26	2454MHz	36	2474MHz
7	2416MHz	17	2436MHz	27	2456MHz	37	2476MHz
8	2418MHz	18	2438MHz	28	2458MHz	38	2478MHz
9	2420MHz	19	2440MHz	29	2460MHz		
10	2422MHz	20	2442MHz	30	2462MHz		

Remark:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:



Channel	Frequency for GFSK 1M	Frequency for GFSK 2M
The Lowest channel	2402MHz	2404MHz
The Middle channel	2440MHz	2440MHz
The Highest channel	2480MHz	2478MHz

2.5 Power Setting of Test Software

Software Name	Realtek Bluetooth RF Test Tool		
Frequency(MHz)	2402	2440	2480
GFSK 1M Setting	Default	Default	Default
Frequency(MHz)	2404	2440	2478
GFSK 2M Setting	Default	Default	Default

2.6 Assistant equipment used for test

Code	Equipment	Manufacturer	Model No.	Equipment No.
1	Computer	acer	N22C8	EMC notebook01

2.7 Description of Support Units

The EUT has been tested independent unit



2.8 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

Lab A:

• **FCC, USA**

Designation Number: CN1348

• **A2LA (Certificate No. 7050.01)**

GUANGDONG DN TESTING CO., LTD. is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 7050.01.

• **Innovation, Science and Economic Development Canada**

GUANGDONG DN TESTING CO., LTD. EMC Laboratory has been recognized by ISED as an accredited testing laboratory. CAB identifier is CN0149.

IC#: 30755.



2.9 Equipment List

For Connect EUT Antenna Terminal Test					
Description	Manufacturer	Model	Serial Number	Cal date	Due date
Signal Generator	Keysight	N5181A-6G	MY48180415	2025-10-21	2026-10-20
Signal Generator	Keysight	N5182B	MY57300617	2025-10-21	2026-10-20
Power supply	Keysight	E3640A	ZB2022656	2025-10-21	2026-10-20
Radio Communication Tester	R&S	CMW500	105082	2025-10-21	2026-10-20
Spectrum Analyzer	Aglient	N9010A	MY52220200	2025-10-21	2026-10-20
BT/WIFI Test Software	Tonscend	JS1120 V3.1.83	NA	NA	NA
RF Control Unit	Tonscend	JS0806-2	22F8060581	NA	NA
Power Sensor	Anritsu	ML2495A	2129005	2025-10-21	2026-10-20
Pulse Power Sensor	Anritsu	MA2411B	1911397	2025-10-21	2026-10-20
temperature and humidity box	SCOTEK	SCD-C40-80PRO	6866682020008	2025-10-21	2026-10-20
RF Cable	ETS-LINDGREN	RFC-NMS-100-NMS-350-IN	NA	2025-10-21	2026-10-20

Test Equipment for Conducted Emission					
Description	Manufacturer	Model	Serial Number	Cal Date	Due Date
Receiver	R&S	ESCI3	101152	2025-10-21	2026-10-20
LISN	R&S	ENV216	102874	2025-10-21	2026-10-20
ISN	R&S	ENY81-CA6	1309.8590.03	2025-10-21	2026-10-20
RF Cable	ETS-LINDGREN	Cable-CE TS01	/	2025-10-21	2026-10-20

Test Equipment for Radiated Emission(30MHz-1000MHz)					
Description	Manufacturer	Model	Serial Number	Cal Date	Due Date
Receiver	R&S	ESR7	102497	2025-10-21	2026-10-20
Test Software	Tonscend	JS32-RE	NA	NA	NA
RF Cable	ETS-LINDGREN	RE Cable-TS01	NA	2025-10-21	2026-10-20



Log periodic antenna	ETS-LINDGREN	VULB 9168	01475	2025-10-21	2026-10-20
Pre-amplifier	Schwarzbeck	BBV9743B	00423	2025-10-21	2026-10-20
Attenuator 1	Shanghai Huaxiang	TS2-6-18-A	22061803	2025-5-6	2026-5-5
Attenuator 2	Shanghai Huaxiang	TS2-6-6-A	230927163	2025-5-6	2026-5-5

Test Equipment for Radiated Emission(Above 1000MHz)					
Description	Manufacturer	Model	Serial Number	Cal Date	Due Date
Frequency analyser	Keysight	N9010A	MY52221458	2025-10-21	2026-10-20
RF Cable	ETS-LINDGREN	RE Cable-TS02	NA	2025-10-21	2026-10-20
Horn Antenna	ETS-LINDGREN	3117	00252567	2025-10-21	2026-10-20
Double ridged waveguide antenna	ETS-LINDGREN	3116C	00251780	2025-10-21	2026-10-20
Test Software	Tonscend	JS32-RE	NA	NA	NA
Pre-amplifier	ETS-LINDGREN	3117-PA	252567	2025-10-21	2026-10-20
Pre-amplifier	ETS-LINDGREN	3116C-PA	251780	2025-10-21	2026-10-20

**2.10 Measurement Uncertainty (95% confidence levels, k=2)**

No.	Item	Measurement Uncertainty
1	DTS Bandwidth	$\pm 0.0196\%$
2	Maximum Conducted Output Power	± 0.686 dB
3	Maximum Power Spectral Density Level	± 0.743 dB
4	Band-edge Compliance	± 1.328 dB
5	Unwanted Emissions In Non-restricted Freq Bands	9KHz-1GHz: ± 0.746 dB 1GHz-26GHz: ± 1.328 dB

No.	Item	Measurement Uncertainty
1	Conduction Emission	± 3.0 dB (150kHz to 30MHz)
2	Radiated Emission	± 4.8 dB (Below 1GHz)
		± 4.8 dB (1GHz to 6GHz)
		± 4.5 dB (6GHz to 18GHz)
		± 5.02 dB (Above 18GHz)



3 Test results and Measurement Data

3.1 Antenna Requirement

Standard requirement:	47 CFR Part 15C Section 15.203 /247(c)
15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. 15.247(b) (4) requirement: The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6dBi.	
The antenna is integrated to the motherboard, The best case gain of the antenna is 2.02dBi.	



3.2 Duty Cycle

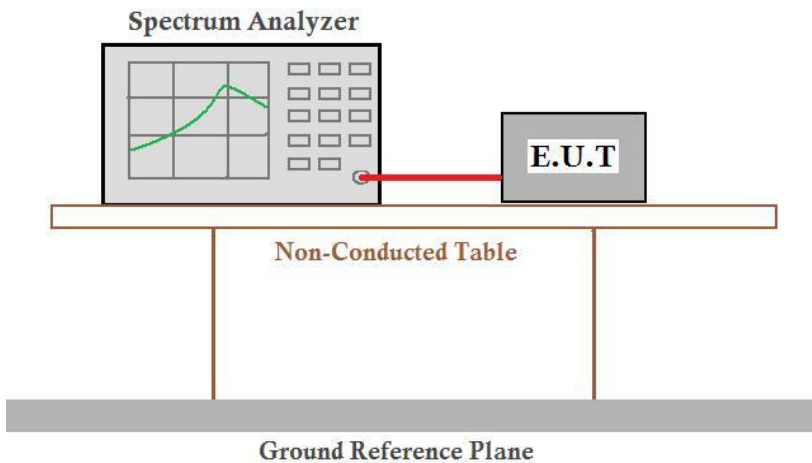
Refer to section : **Appendix A**

Note:

- 1.If duty cycle $< 98\%$, the conducted average output power and average power spectral density should be add duty factor.
- 2.If duty cycle $\geq 98\%$, the EUT is consider to be transmitting continuously, the conducted average output power and average power spectral density no need to add duty factor (consider to be zero).
- 3.The conducted peak output power and peak power spectral density no need to consider duty factor.
- 4.The on-time time is transmission duration (T).



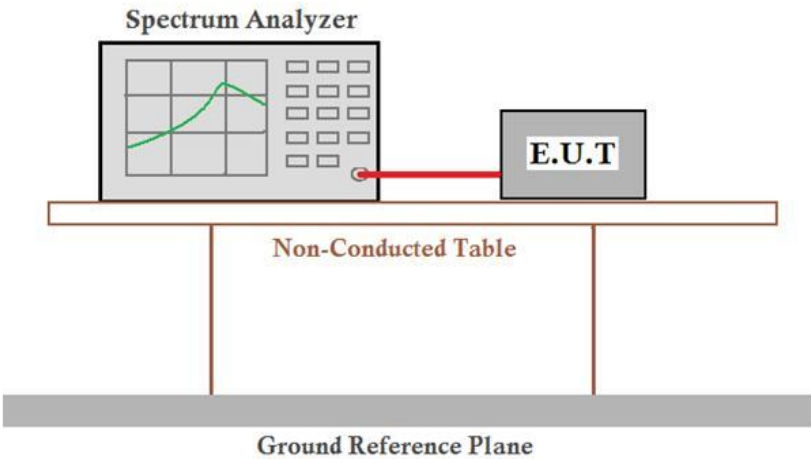
3.3 DTS (6 dB) Bandwidth

Test Requirement:	47 CFR Part 15C Section 15.247 (a)(2)
Test Method:	ANSI C63.10: 2020 Section 11.8.1 Option 1
Test Setup:	
Instruments Used:	Refer to section 2.9 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the the worst case of GFSK
Limit:	≥ 500 kHz
Test Results:	Pass

The detailed test data see: **Appendix B**



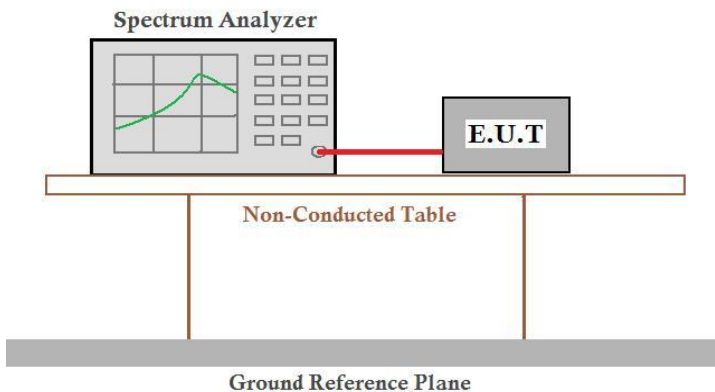
3.4 Conducted Output Power

Test Requirement:	47 CFR Part 15C Section 15.247 (b)(3)
Test Method:	ANSI C63.10: 2020 Section 11.9.1.1
Test Setup:	
Test Instruments:	Refer to section 2.9 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the the worst case of GFSK
Limit:	30dBm
Test Results:	Pass

The detailed test data see: **Appendix C**



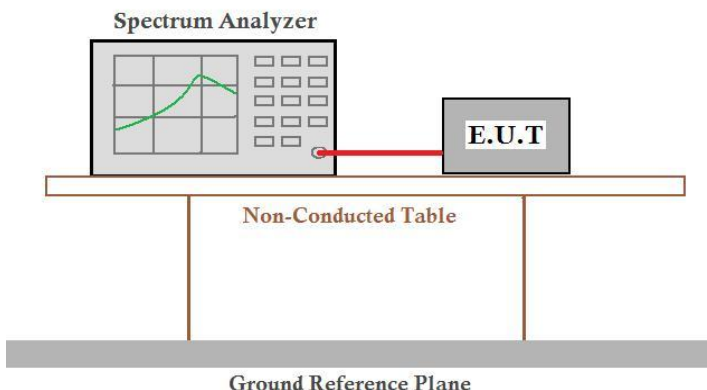
3.5 Power Spectral Density

Test Requirement:	47 CFR Part 15C Section 15.247 (e)
Test Method:	ANSI C63.10: 2020 Section 11.10.2
Test Setup:	
Test Instruments:	Refer to section 2.9 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the the worst case of GFSK
Limit:	$\leq 8.00\text{dBm}/3\text{kHz}$
Test Results:	Pass

The detailed test data see: **Appendix D**



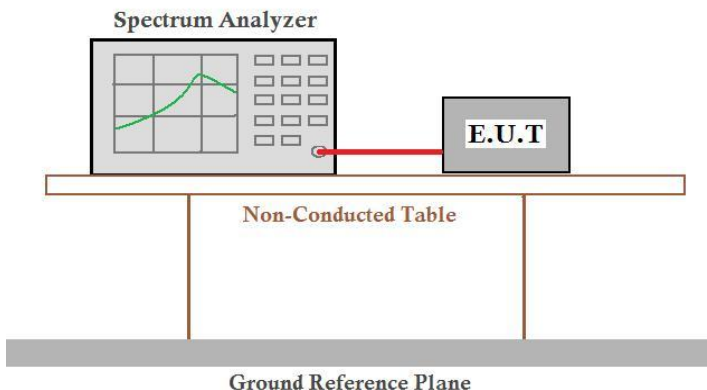
3.6 Band-edge for RF Conducted Emissions

Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10: 2020 Section 12.7.4.4
Test Setup:	
Instruments Used:	Refer to section 2.9 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the the worst case of GFSK
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test Results:	Pass

The detailed test data see: **Appendix E**



3.7 RF Conducted Spurious Emissions

Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10: 2020 Section 11.11
Test Setup:	
Instruments Used:	Refer to section 2.9 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the worst case of GFSK;
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test Results:	Pass

The detailed test data see: **Appendix F**



3.8 Radiated Spurious Emissions

Test Requirement:	47 CFR Part 15C Section 15.209 and 15.205				
Test Method:	ANSI C63.10: 2020 Section 11.12				
Test Site:	Measurement Distance: 3m or 10m (Semi-Anechoic Chamber)				
Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
	0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
	0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
	0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
	0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
		Peak	1MHz	10Hz ($DC \geq 0.98$) $\geq 1/T$ ($DC < 0.98$)	Average
Limit:	Frequency	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
	1.705MHz-30MHz	30	-	-	30
	30MHz-88MHz	100	40.0	Quasi-peak	3
	88MHz-216MHz	150	43.5	Quasi-peak	3
	216MHz-960MHz	200	46.0	Quasi-peak	3
	960MHz-1GHz	500	54.0	Quasi-peak	3
	Above 1GHz	500	54.0	Average	3
	Remark: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.				

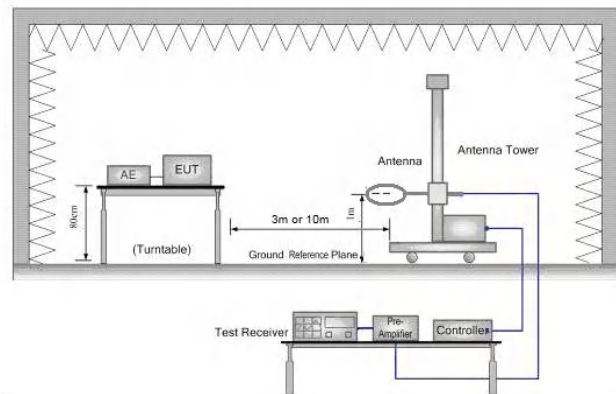
**Test Setup:**

Figure 1. Below 30MHz

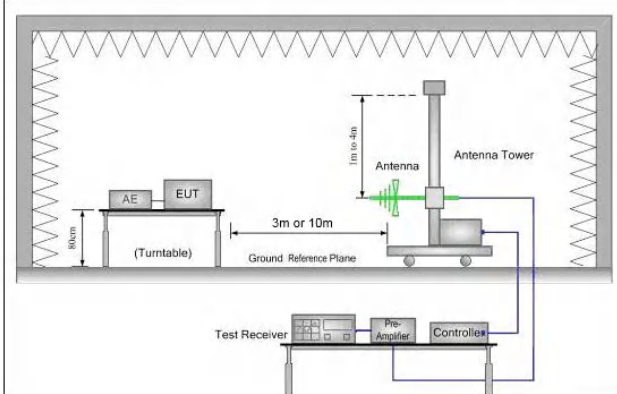


Figure 2. 30MHz to 1GHz

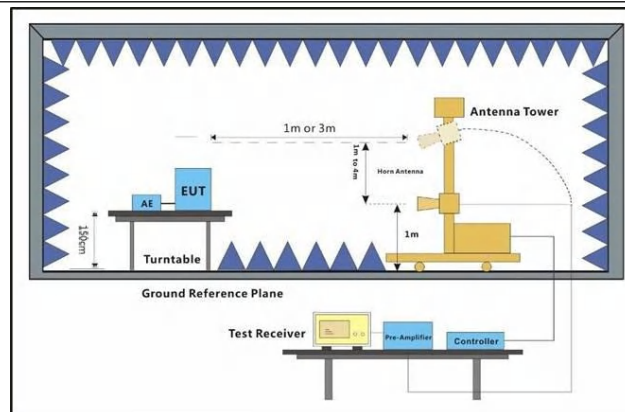


Figure 3. Above 1 GHz

Test Procedure:

- For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation
- The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- Test the EUT in the lowest channel, the middle channel, the Highest channel.
- The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case.
- Repeat above procedures until all frequencies measured was complete.

Guangdong DN Testing Co., Ltd.



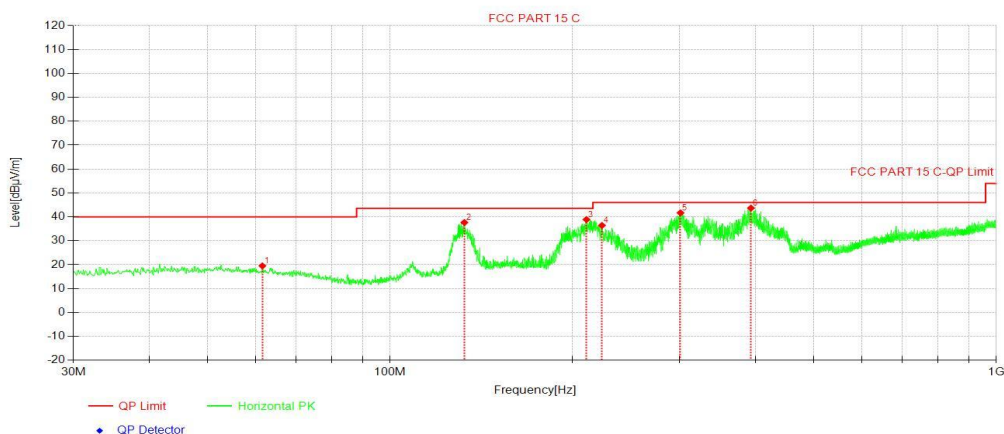
Test Configuration:	Measurements Below 1000MHz • RBW = 120 kHz • VBW = 300 kHz • Detector = Peak • Trace mode = max hold Peak Measurements Above 1000 MHz • RBW = 1 MHz • VBW $\geq$ 3 MHz • Detector = Peak • Sweep time = auto • Trace mode = max hold Average Measurements Above 1000MHz • RBW = 1 MHz • VBW = 10 Hz, when duty cycle is no less than 98 percent. • VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates. Charge + Transmitting mode.
Final Test Mode:	Pretest the EUT at Charging+Transmitting mode. Through Pre-scan, find the worst case of GFSK, Only the worst case is recorded in the report.
Instruments Used:	Refer to section 2.9 for details
Test Results:	Pass



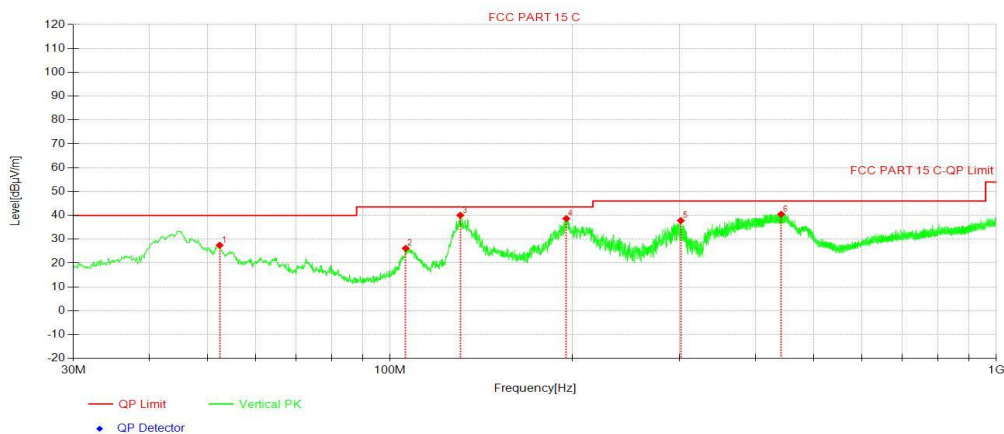
Test data

For 30-1000MHz

K200



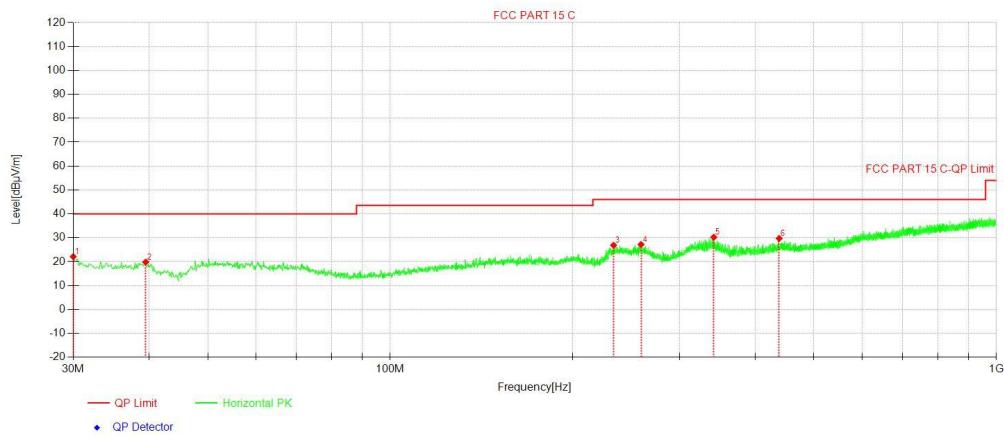
NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark	Polarity
1	61.53	28.43	-8.94	19.49	40.00	20.51	100	132	PK	H
2	132.54	46.82	-9.19	37.63	43.50	5.87	100	1	PK	H
3	210.73	49.87	-10.99	38.88	43.50	4.62	100	115	PK	H
4	223.53	47.41	-11.00	36.41	46.00	9.59	100	316	PK	H
5	301.24	48.62	-6.95	41.67	46.00	4.33	100	283	PK	H
6	393.69	48.09	-4.43	43.66	46.00	2.34	100	283	PK	H



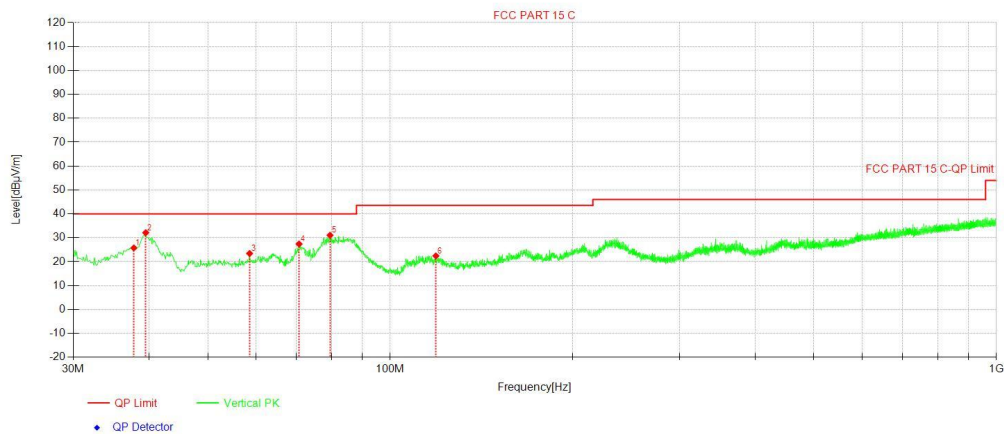
NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark	Polarity
1	52.31	35.58	-8.12	27.46	40.00	12.54	100	273	PK	V
2	106.06	37.86	-11.69	26.17	43.50	17.33	100	251	PK	V
3	130.50	49.43	-9.38	40.05	43.50	3.45	100	39	PK	V
4	195.21	49.59	-10.95	38.64	43.50	4.86	100	241	PK	V
5	301.53	44.73	-6.94	37.79	46.00	8.21	100	261	PK	V
6	441.52	43.48	-3.01	40.47	46.00	5.53	100	124	PK	V



BRP-PT210



NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark	Polarity
1	30.00	27.31	-5.20	22.11	40.00	17.89	100	98	PK	H
2	39.51	26.92	-7.11	19.81	40.00	20.19	100	304	PK	H
3	233.62	35.56	-8.70	26.86	46.00	19.14	100	260	PK	H
4	259.33	34.80	-7.60	27.20	46.00	18.80	100	278	PK	H
5	341.79	34.97	-4.75	30.22	46.00	15.78	100	296	PK	H
6	438.22	31.66	-1.93	29.73	46.00	16.27	100	278	PK	H

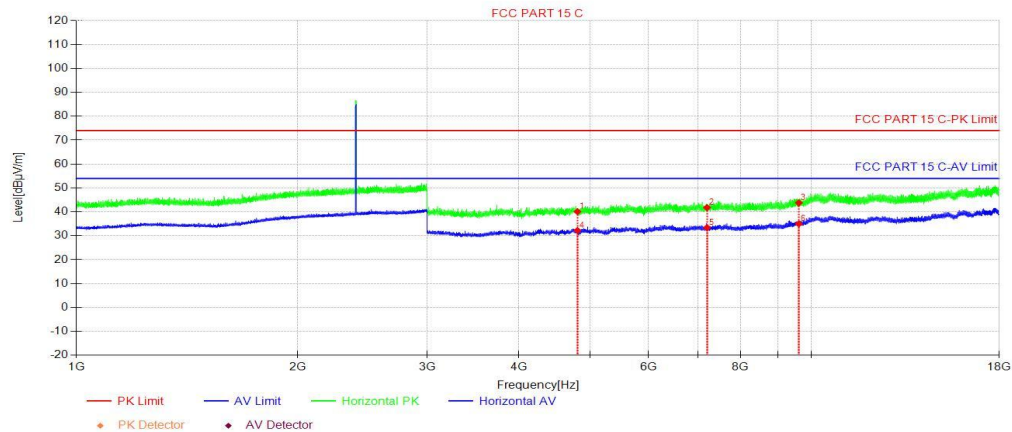


NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark	Polarity
1	37.76	34.63	-8.87	25.76	40.00	14.24	100	49	PK	V
2	39.51	39.21	-7.11	32.10	40.00	7.90	100	85	PK	V
3	58.62	30.56	-7.14	23.42	40.00	16.58	100	40	PK	V
4	70.74	36.50	-9.10	27.40	40.00	12.60	100	49	PK	V
5	79.57	42.28	-11.24	31.04	40.00	8.96	100	21	PK	V
6	118.96	31.57	-9.17	22.40	43.50	21.10	100	282	PK	V

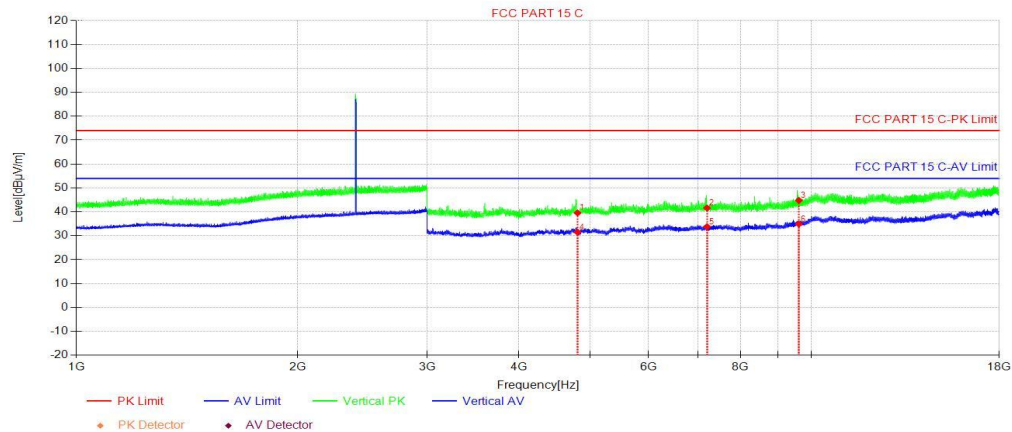


For above 1GHz

BLE 1M 2402MHz



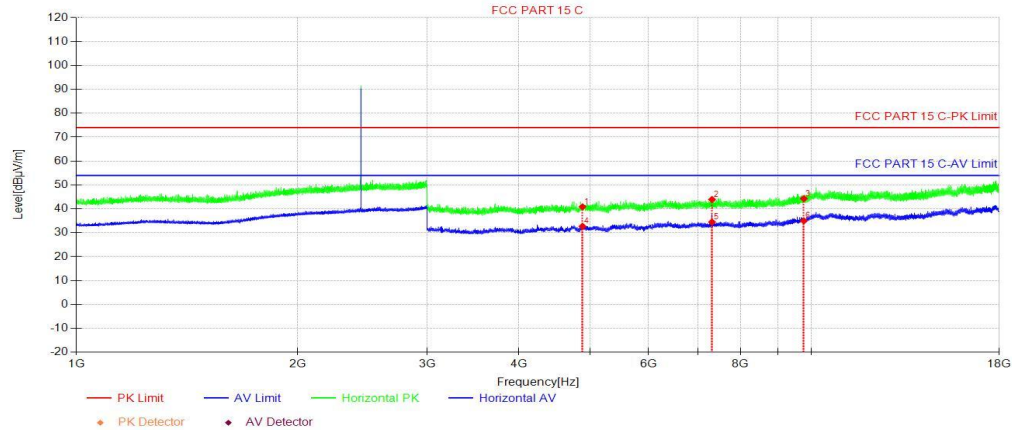
NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark	Polarity
1	4804.00	44.71	-4.61	40.10	74.00	33.90	150	222	PK	H
2	7206.00	43.55	-1.76	41.79	74.00	32.21	150	46	PK	H
3	9608.00	42.91	0.88	43.79	74.00	30.21	150	46	PK	H
4	4804.00	36.82	-4.61	32.21	54.00	21.79	150	246	AV	H
5	7206.00	35.13	-1.76	33.37	54.00	20.63	150	71	AV	H
6	9608.00	34.13	0.88	35.01	54.00	18.99	150	296	AV	H



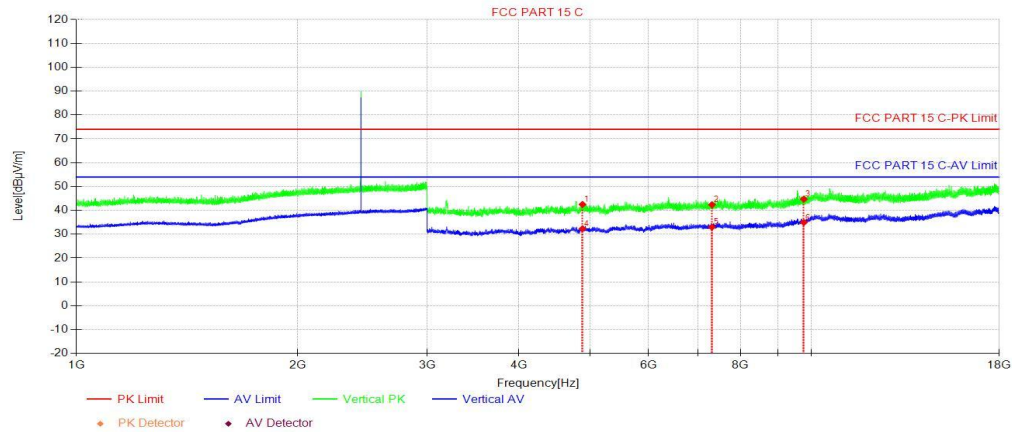
NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark	Polarity
1	4804.00	44.18	-4.61	39.57	74.00	34.43	150	201	PK	V
2	7206.00	43.39	-1.76	41.63	74.00	32.37	150	74	PK	V
3	9608.00	43.91	0.88	44.79	74.00	29.21	150	228	PK	V
4	4804.00	36.13	-4.61	31.52	54.00	22.48	150	46	AV	V
5	7206.00	35.55	-1.76	33.79	54.00	20.21	150	122	AV	V
6	9608.00	34.03	0.88	34.91	54.00	19.09	150	255	AV	V



BLE 1M 2440MHz



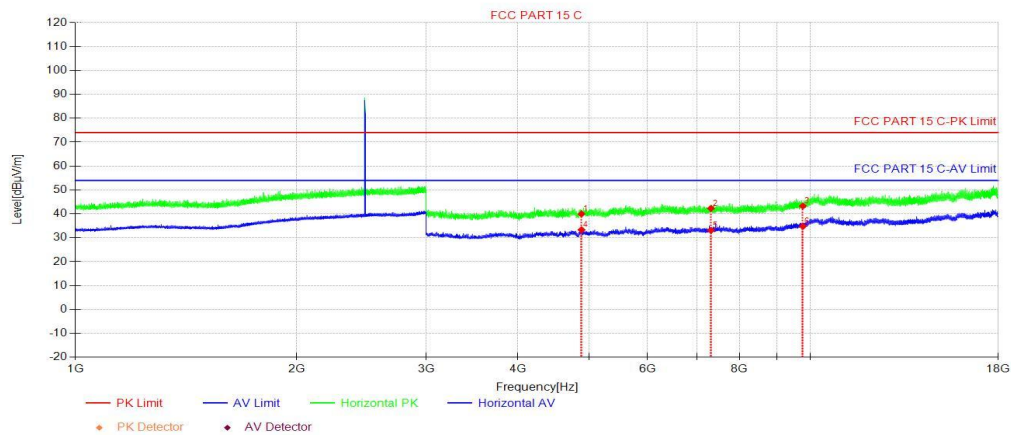
NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark	Polarity
1	4880.00	45.58	-4.71	40.87	74.00	33.13	150	347	PK	H
2	7320.00	45.43	-1.49	43.94	74.00	30.06	150	99	PK	H
3	9760.00	42.66	1.62	44.28	74.00	29.72	150	324	PK	H
4	4880.00	37.40	-4.71	32.69	54.00	21.31	150	148	AV	H
5	7320.00	35.97	-1.49	34.48	54.00	19.52	150	99	AV	H
6	9760.00	33.35	1.62	34.97	54.00	19.03	150	248	AV	H



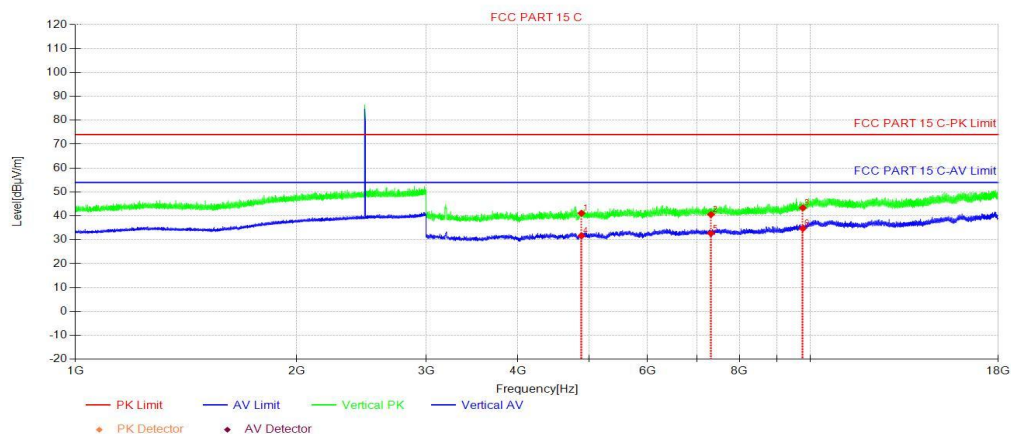
NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark	Polarity
1	4880.00	47.19	-4.71	42.48	74.00	31.52	150	23	PK	V
2	7320.00	43.85	-1.49	42.36	74.00	31.64	150	175	PK	V
3	9760.00	43.09	1.62	44.71	74.00	29.29	150	249	PK	V
4	4880.00	37.01	-4.71	32.30	54.00	21.70	150	198	AV	V
5	7320.00	34.46	-1.49	32.97	54.00	21.03	150	175	AV	V
6	9760.00	33.30	1.62	34.92	54.00	19.08	150	175	AV	V



BLE 1M 2480MHz



NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark	Polarity
1	4880.00	44.66	-4.71	39.95	74.00	34.05	150	150	PK	H
2	7320.00	43.80	-1.49	42.31	74.00	31.69	150	359	PK	H
3	9760.00	41.65	1.62	43.27	74.00	30.73	150	199	PK	H
4	4880.00	38.04	-4.71	33.33	54.00	20.67	150	173	AV	H
5	7320.00	34.59	-1.49	33.10	54.00	20.90	150	150	AV	H
6	9760.00	33.14	1.62	34.76	54.00	19.24	150	123	AV	H



NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark	Polarity
1	4880.00	45.81	-4.71	41.10	74.00	32.90	150	350	PK	V
2	7320.00	42.05	-1.49	40.56	74.00	33.44	150	276	PK	V
3	9760.00	41.72	1.62	43.34	74.00	30.66	150	327	PK	V
4	4880.00	36.36	-4.71	31.65	54.00	22.35	150	148	AV	V
5	7320.00	34.15	-1.49	32.66	54.00	21.34	150	359	AV	V
6	9760.00	33.09	1.62	34.71	54.00	19.29	150	74	AV	V



Note:

1. The Measurement (Result Level) is calculated by Reading Level adding the Correct Factor(maybe including Ant.Factor and the Cable Factor etc.), The basic equation is as follows:
$$\text{Result Level} = \text{Reading Level} + \text{Correct Factor}(\text{including Ant.Factor, Cable Factor etc.})$$
2. The amplitude of 9KHz to 30MHz spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.
3. The amplitude of 18GHz to 25GHz spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be report.
4. All channels had been pre-test, BLE_1M is the worst case, only the worst case was reported



3.9 Restricted bands around fundamental frequency

Test Requirement:	47 CFR Part 15C Section 15.209 and 15.205		
Test Method:	ANSI C63.10: 2020 Section 11.12		
Test Site:	Measurement Distance: 3m or 10m (Semi-Anechoic Chamber)		
Limit:	Frequency	Limit (dBuV/m)	Remark
	30MHz-88MHz	40.0	Quasi-peak
	88MHz-216MHz	43.5	Quasi-peak
	216MHz-960MHz	46.0	Quasi-peak
	960MHz-1GHz	54.0	Quasi-peak
	Above 1GHz	54.0	Average Value
		74.0	Peak Value
Test Setup:			

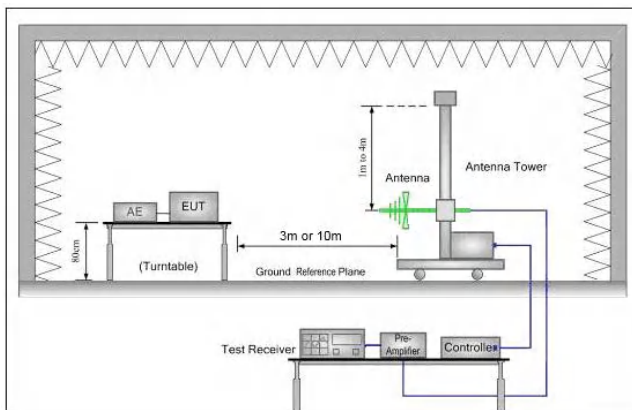


Figure 1. 30MHz to 1GHz

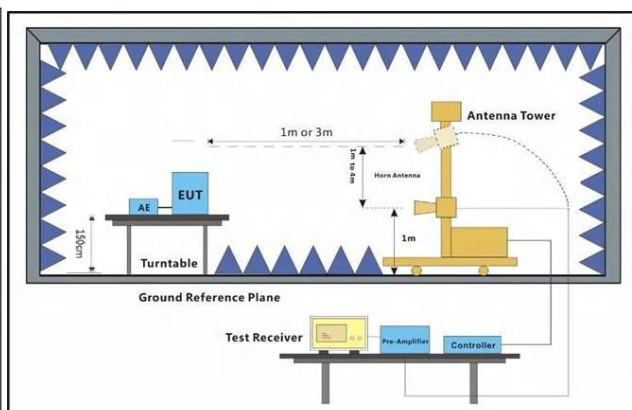


Figure 2. Above 1 GHz

Test Procedure:	- For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. - For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. - The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. - The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. - For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. - The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. - Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel - Test the EUT in the lowest channel , the Highest channel - The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case. - Repeat above procedures until all frequencies measured was complete.
Test Configuration:	Measurements Below 1000MHz

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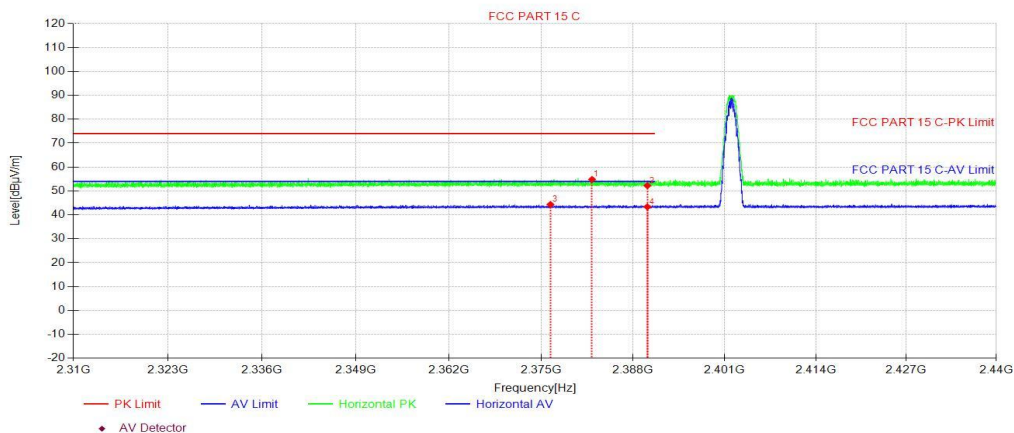


	• RBW = 120 kHz • VBW = 300 kHz • Detector = Peak • Trace mode = max hold Peak Measurements Above 1000 MHz • RBW = 1 MHz • VBW $\geq$ 3 MHz • Detector = Peak • Sweep time = auto • Trace mode = max hold Average Measurements Above 1000MHz • RBW = 1 MHz • VBW = 10 Hz, when duty cycle is no less than 98 percent. • VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates. Transmitting mode.
Final Test Mode:	Pretest the EUT at Charge + Transmitting mode. Through Pre-scan, find the worst case of GFSK Only the worst case is recorded in the report.
Instruments Used:	Refer to section 2.9 for details
Test Results:	Pass

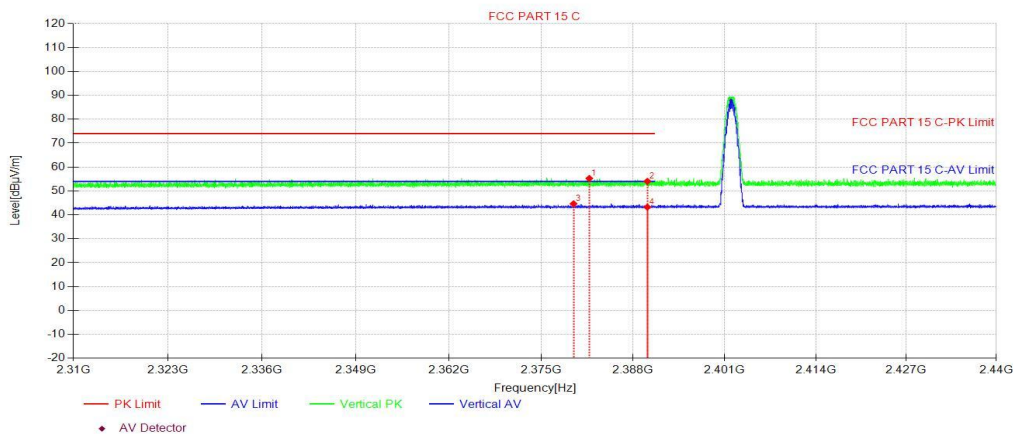


Test Date

BLE 1M 2402MHz



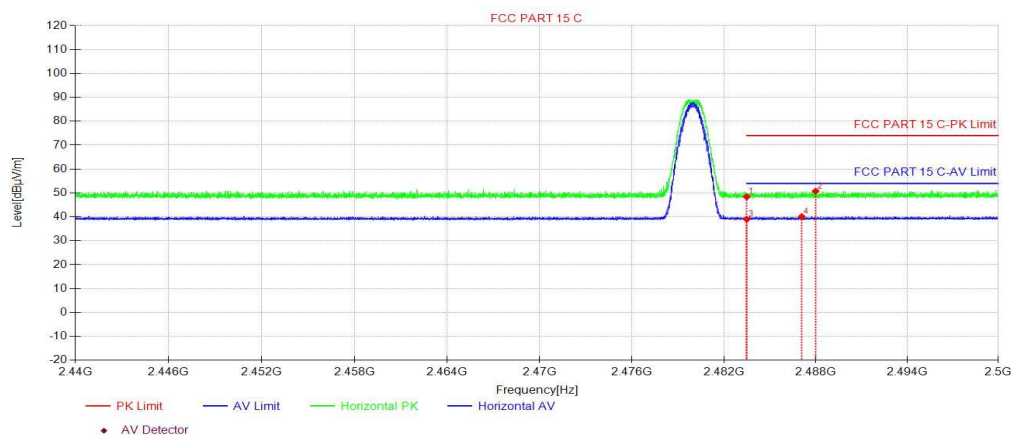
NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	2382.18	55.67	-0.83	54.84	74.00	19.16	150	357	PK	H
2	2390.01	53.01	-0.80	52.21	74.00	21.79	150	212	PK	H
3	2376.31	45.18	-0.84	44.34	54.00	9.66	150	212	AV	H
4	2390.01	44.14	-0.80	43.34	54.00	10.66	150	130	AV	H



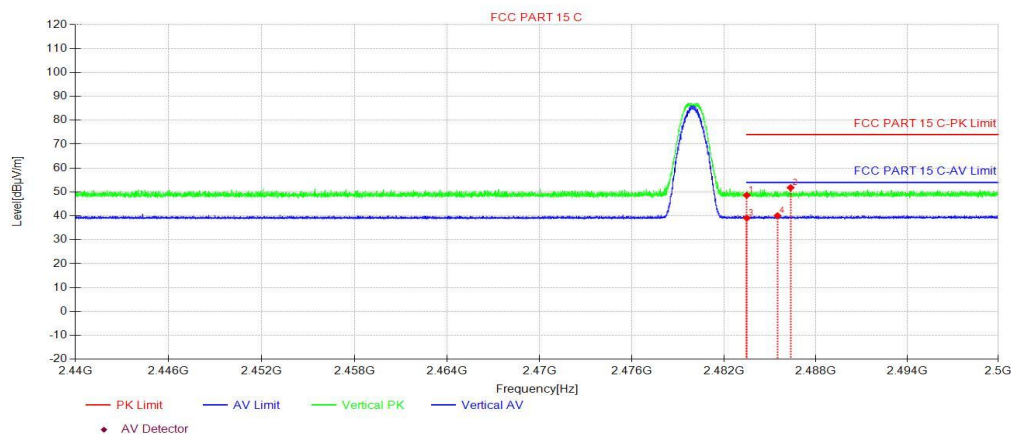
NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	2381.79	56.07	-0.83	55.24	74.00	18.76	150	74	PK	V
2	2390.01	54.84	-0.80	54.04	74.00	19.96	150	174	PK	V
3	2379.57	45.49	-0.84	44.65	54.00	9.35	150	290	AV	V
4	2390.01	44.02	-0.80	43.22	54.00	10.78	150	28	AV	V



BLE 2480MHz



NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	2483.50	48.68	-0.29	48.39	74.00	25.61	150	89	PK	H
2	2488.01	51.00	-0.26	50.74	74.00	23.26	150	247	PK	H
3	2483.50	39.31	-0.29	39.02	54.00	14.98	150	258	AV	H
4	2487.10	40.35	-0.26	40.09	54.00	13.91	150	225	AV	H



NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	2483.50	48.92	-0.29	48.63	74.00	25.37	150	360	PK	V
2	2486.37	52.06	-0.26	51.80	74.00	22.20	150	4	PK	V
3	2483.50	39.38	-0.29	39.09	54.00	14.91	150	153	AV	V
4	2485.51	40.34	-0.27	40.07	54.00	13.93	150	288	AV	V

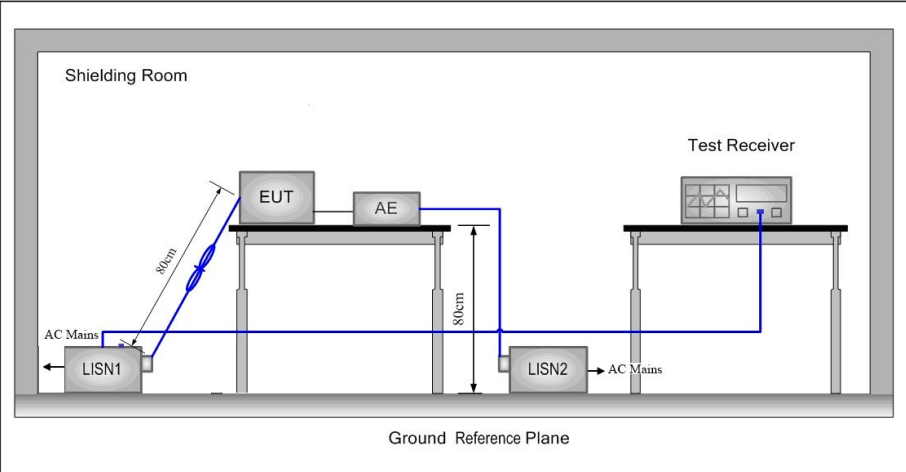
Note:

1. All channels had been pre-test, BLE_1M is the worst case, only the worst case was reported
2. The Measurement (Result Level) is calculated by Reading Level adding the Correct Factor(maybe including Ant.Factor and the Cable Factor etc.), The basic equation is as follows:

Result Level= Reading Level + Correct Factor(including Ant.Factor ,Cable Factor etc.)



3.10AC Power Line Conducted Emissions

Test Requirement:	47 CFR Part 15C Section 15.207		
Test Method:	ANSI C63.10: 2020		
Test Frequency Range:	150kHz to 30MHz		
Limit:	Frequency range (MHz)	Limit (dBuV)	
		Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
* Decreases with the logarithm of the frequency.			
Test Procedure:	1) The mains terminal disturbance voltage test was conducted in a shielded room. 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a $50\Omega/50\mu\text{H} + 5\Omega$ linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded. 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 2020 on conducted measurement.		
Test Setup:			
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates at lowest, middle and highest channel. Charge + Transmitting mode.		



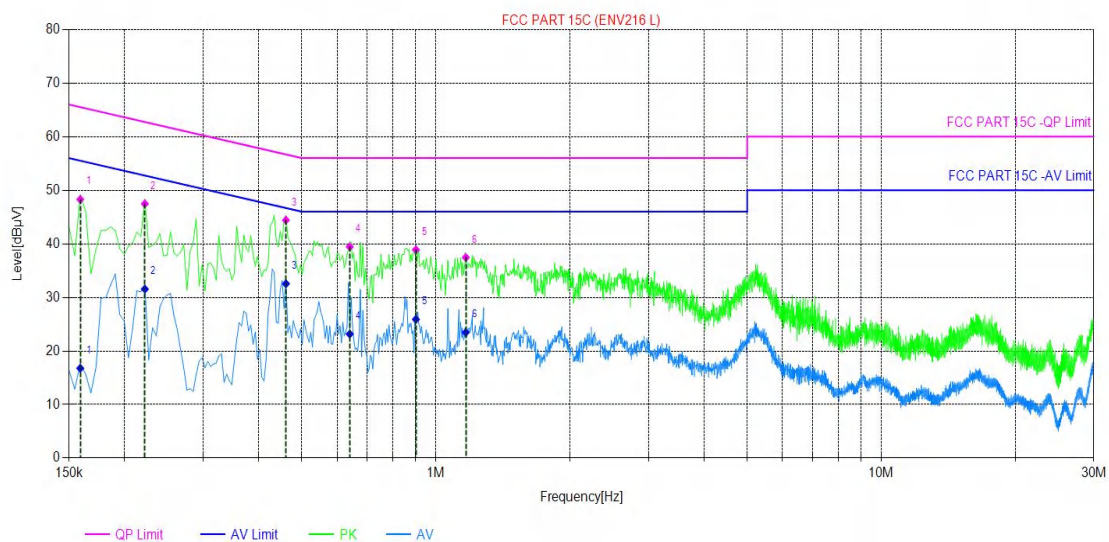
Final Test Mode:	Through Pre-scan, find the the worst case of GFSK
Instruments Used:	Refer to section 2.9 for details
Test Results:	PASS

Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector.

Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

Live Line:

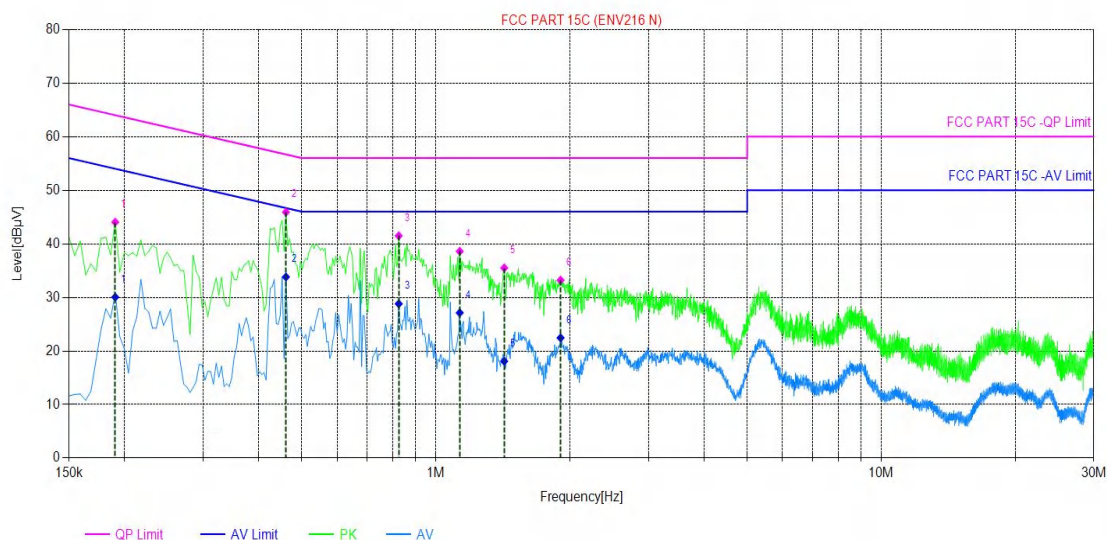


Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.159	9.90	48.29	65.52	17.23	16.76	55.52	38.76	PASS
2	0.222	9.92	47.47	62.74	15.27	31.55	52.74	21.19	PASS
3	0.4605	9.83	44.40	56.68	12.28	32.54	46.68	14.14	PASS
4	0.6405	9.79	39.44	56.00	16.56	23.16	46.00	22.84	PASS
5	0.9015	9.73	38.89	56.00	17.11	25.90	46.00	20.10	PASS
6	1.167	9.72	37.45	56.00	18.55	23.46	46.00	22.54	PASS



Neutral Line:



Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.1905	9.85	44.04	64.01	19.97	30.05	54.01	23.96	PASS
2	0.4605	9.77	45.91	56.68	10.77	33.81	46.68	12.87	PASS
3	0.825	9.79	41.50	56.00	14.50	28.80	46.00	17.20	PASS
4	1.131	9.70	38.59	56.00	17.41	27.12	46.00	18.88	PASS
5	1.4235	9.72	35.49	56.00	20.51	18.07	46.00	27.93	PASS
6	1.905	9.77	33.20	56.00	22.80	22.45	46.00	23.55	PASS

Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. The Measurement (Result Level) is calculated by Reading Level adding the Correct Factor(maybe including LISN Factor and the Cable Factor etc.), The basic equation is as follows:
Result Level= Reading Level + Correct Factor(including LISN Factor, Cable Factor etc.



4 Appendix

Appendix A: Duty Cycle

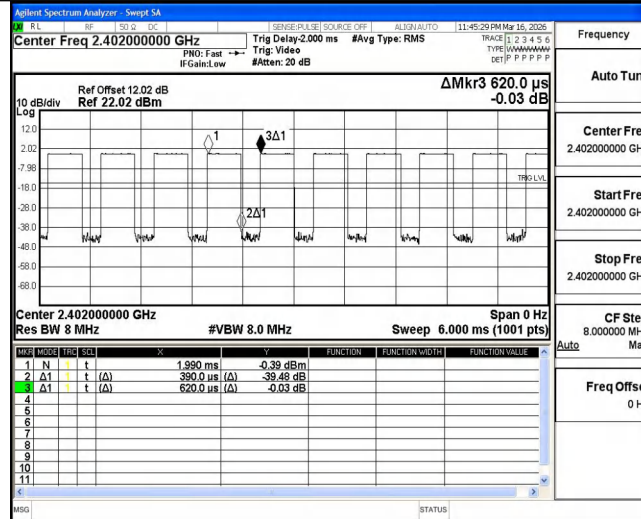
Test Result

TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.39	0.62	0.6290	62.90	2.01	---	---
		2440	0.39	0.63	0.6190	61.90	2.08	---	---
		2480	0.39	0.63	0.6190	61.90	2.08	---	---
BLE_2M	Ant1	2404	0.21	0.63	0.3333	33.33	4.77	---	---
		2440	0.20	0.62	0.3226	32.26	4.91	---	---
		2478	0.21	0.63	0.3333	33.33	4.77	---	---

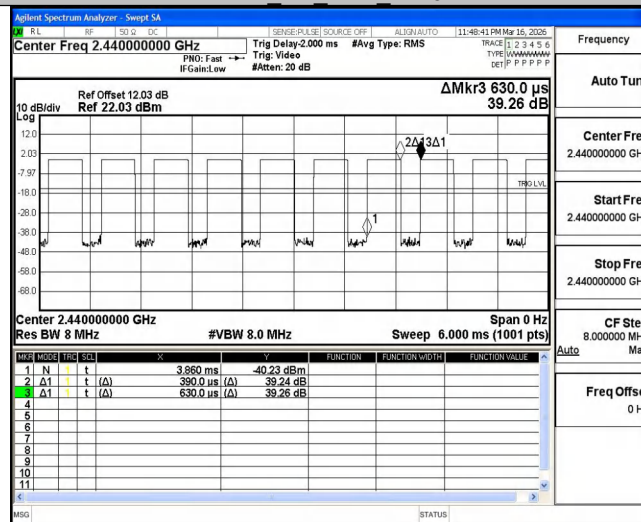


Test Graphs

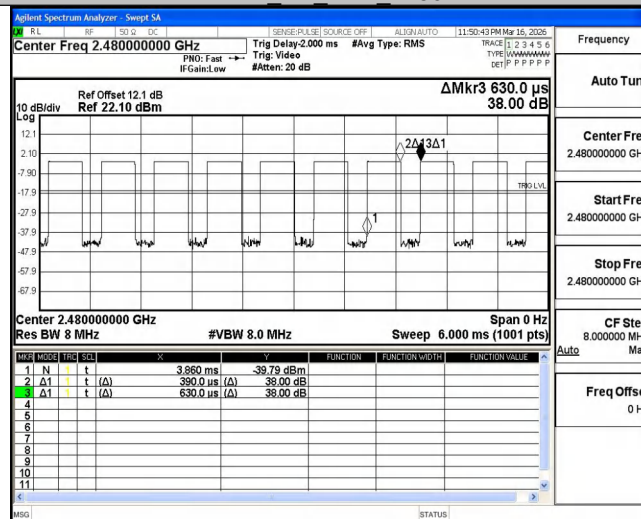
BLE 1M Ant1 2402



BLE 1M Ant1 2440

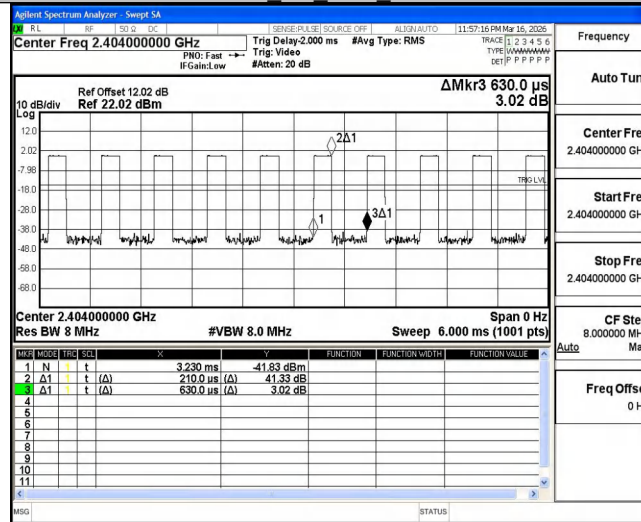


BLE 1M Ant1 2480

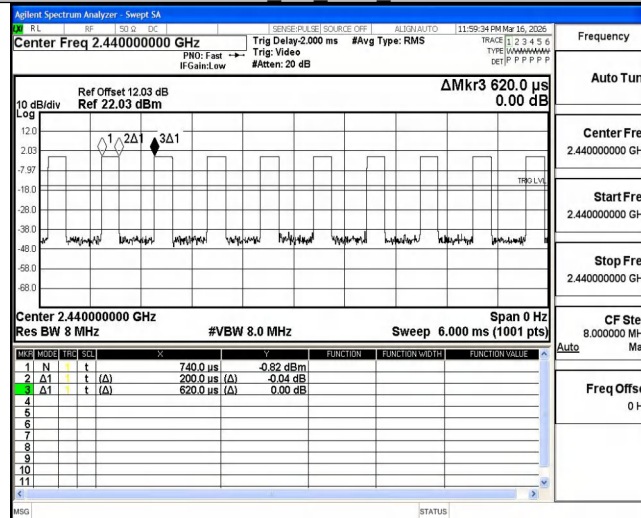




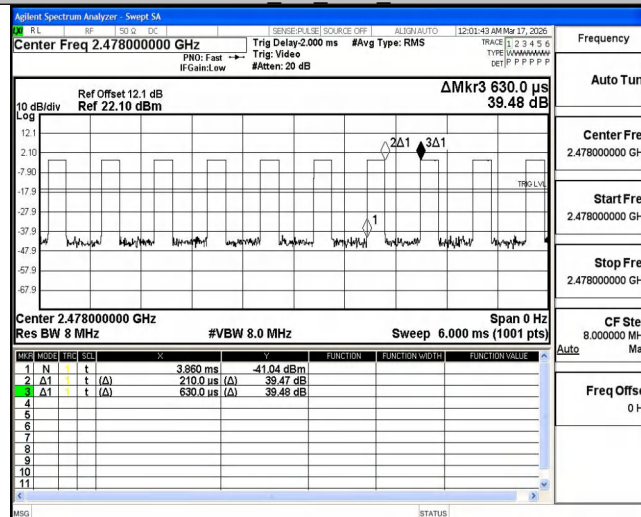
BLE 2M Ant1 2404



BLE 2M Ant1 2440



BLE 2M Ant1 2478





Appendix B: DTS Bandwidth

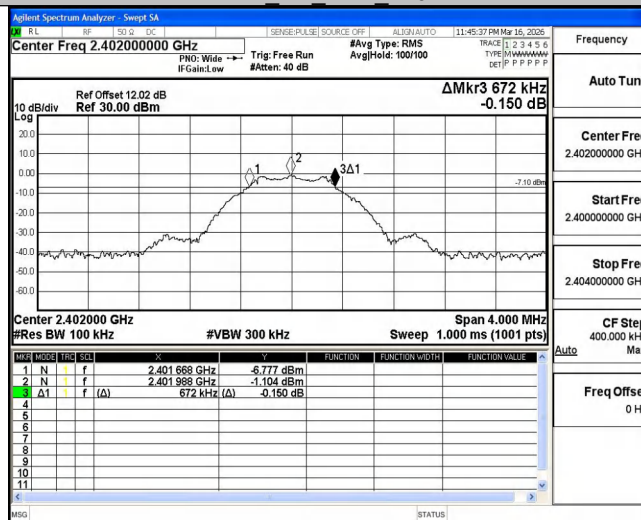
Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.672	2401.668	2402.340	0.5	PASS
		2440	0.644	2439.688	2440.332	0.5	PASS
		2480	0.692	2479.660	2480.352	0.5	PASS
BLE_2M	Ant1	2404	0.944	2403.464	2404.408	0.5	PASS
		2440	1.220	2439.388	2440.608	0.5	PASS
		2478	1.116	2477.460	2478.576	0.5	PASS

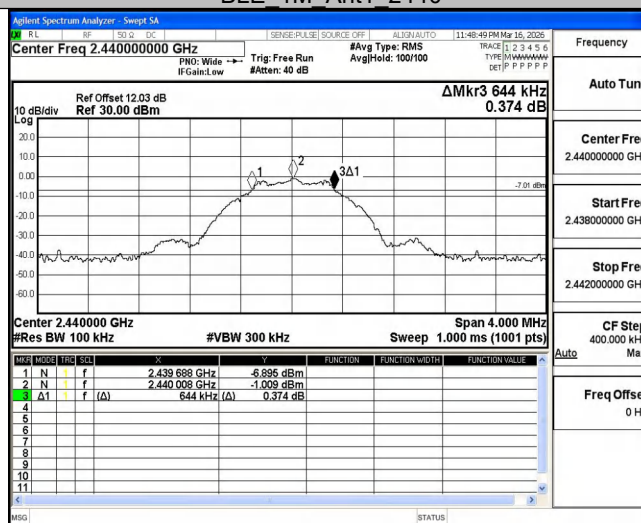


Test Graphs

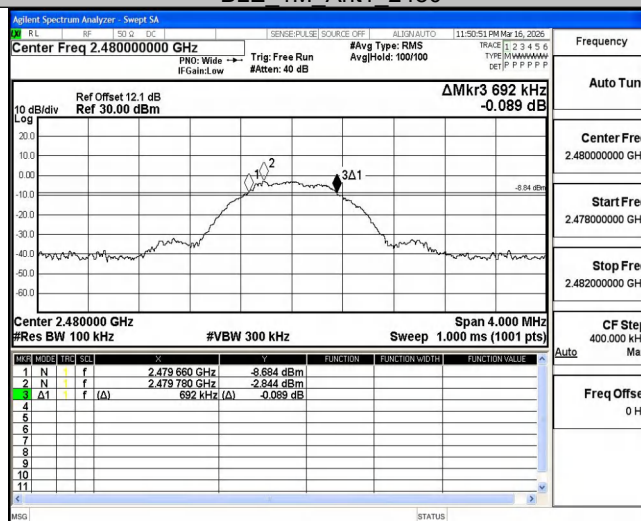
BLE 1M Ant1 2402



BLE 1M Ant1 2440

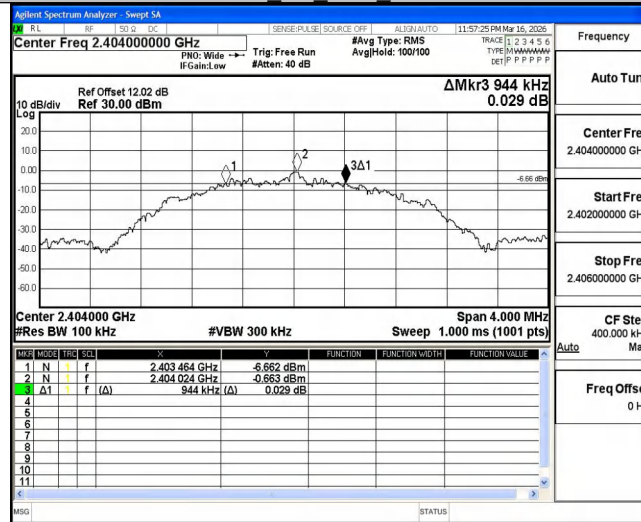


BLE 1M Ant1 2480

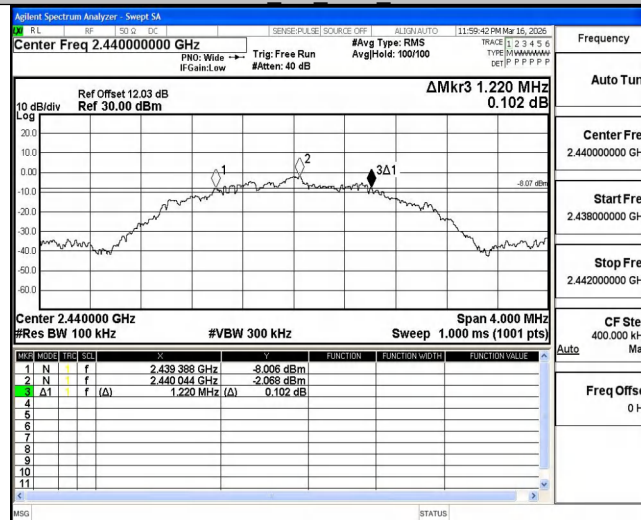




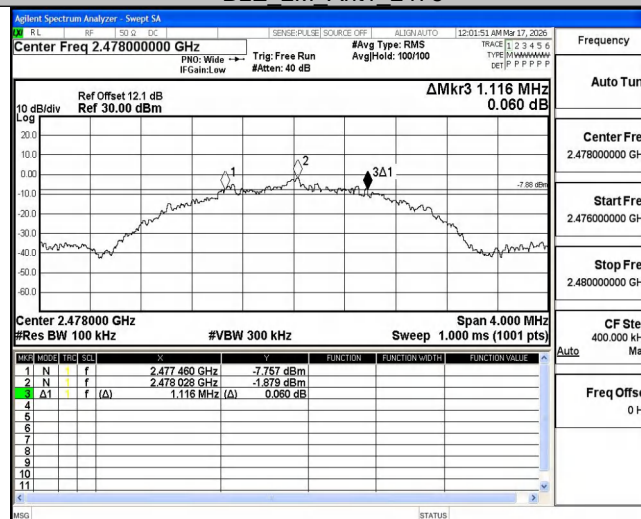
BLE 2M Ant1 2404



BLE 2M Ant1 2440



BLE 2M Ant1 2478





Appendix C: Maximum conducted output power

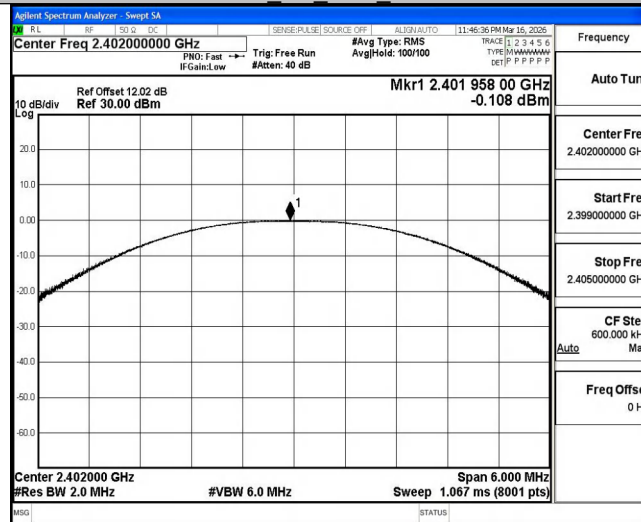
Test Result

TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.11	≤30	PASS
		2440	-0.59	≤30	PASS
		2480	-1.30	≤30	PASS
BLE_2M	Ant1	2404	-0.13	≤30	PASS
		2440	-0.59	≤30	PASS
		2478	-1.24	≤30	PASS

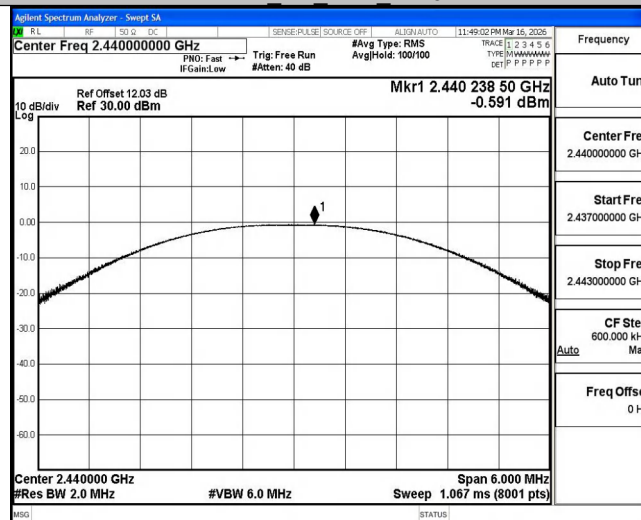


Test Graphs

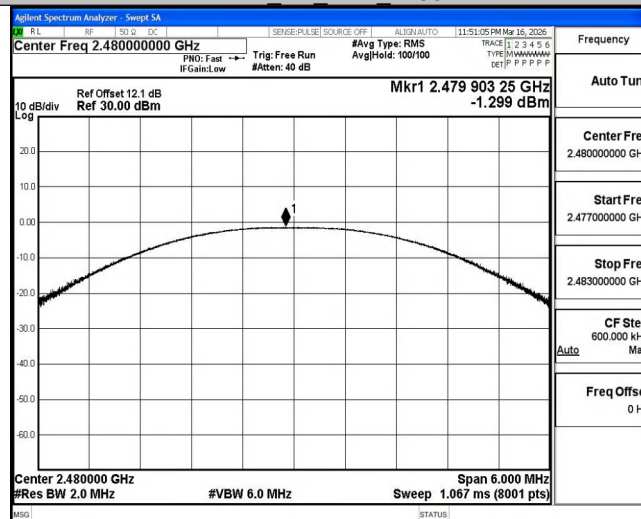
BLE 1M Ant1 2402



BLE 1M Ant1 2440

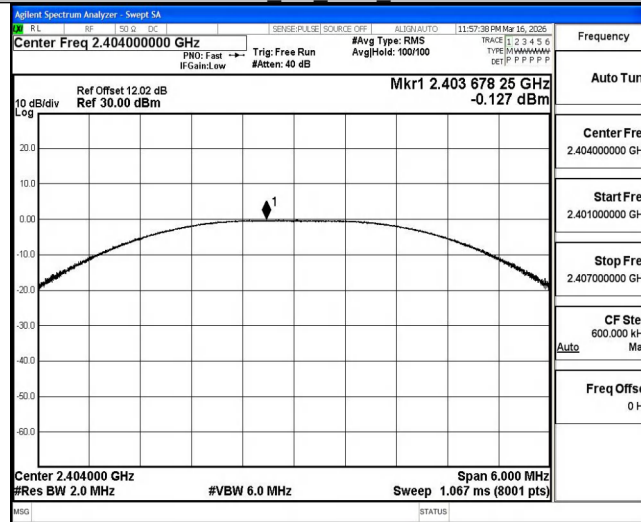


BLE 1M Ant1 2480

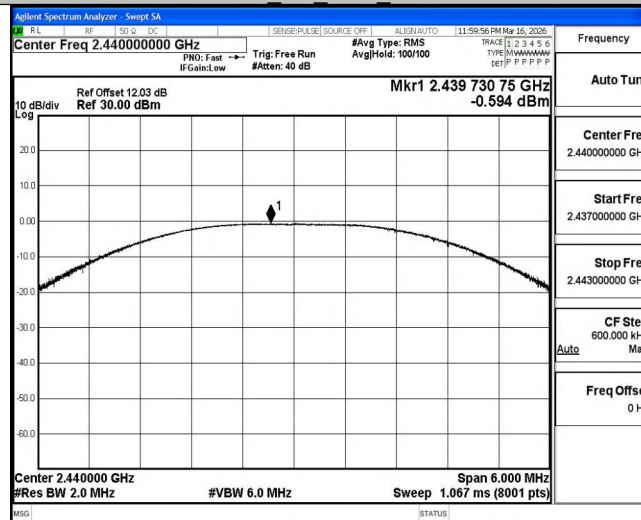




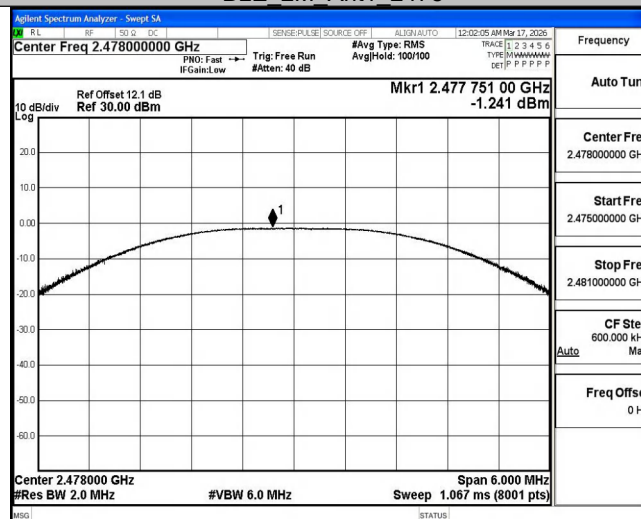
BLE 2M Ant1 2404



BLE 2M Ant1 2440



BLE 2M Ant1 2478





Appendix D: Maximum power spectral density

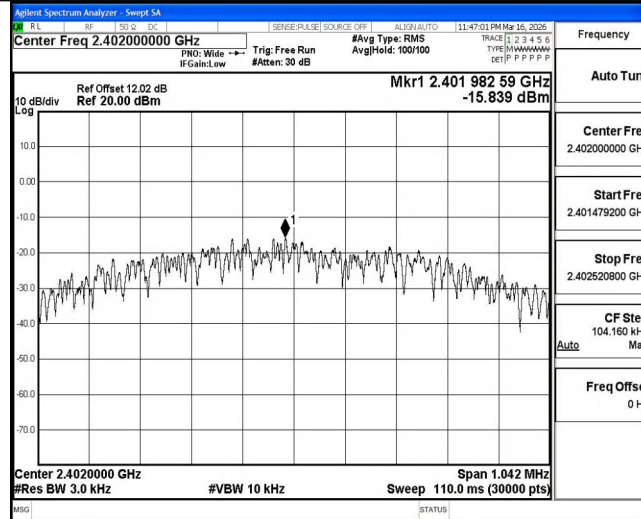
Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.84	≤8.00	PASS
		2440	-17.14	≤8.00	PASS
		2480	-17.51	≤8.00	PASS
BLE_2M	Ant1	2404	-16.83	≤8.00	PASS
		2440	-18.43	≤8.00	PASS
		2478	-18.49	≤8.00	PASS

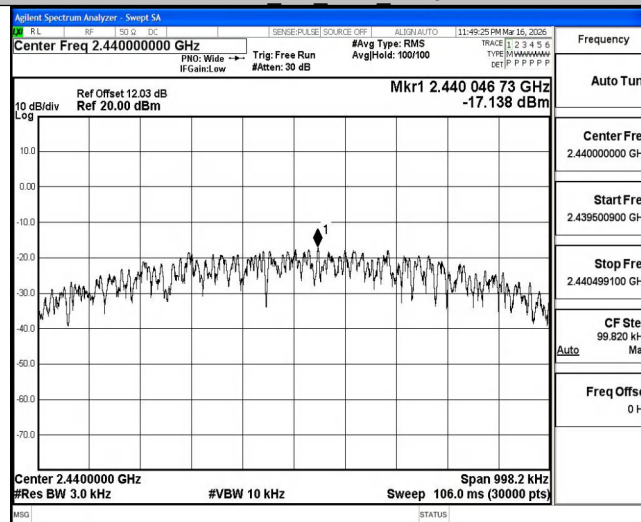


Test Graphs

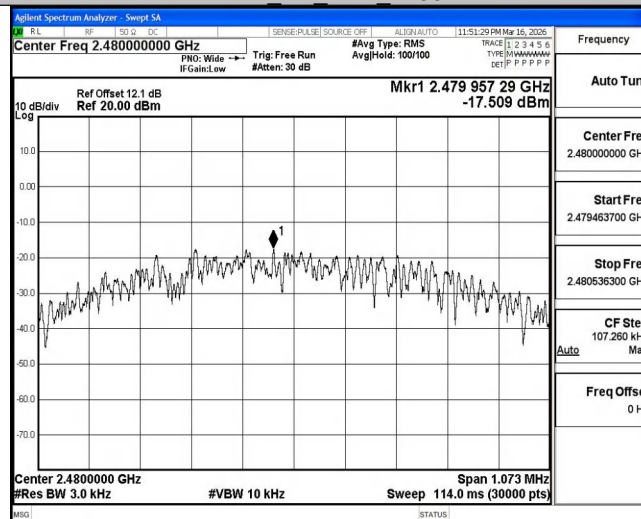
BLE 1M Ant1 2402



BLE 1M Ant1 2440

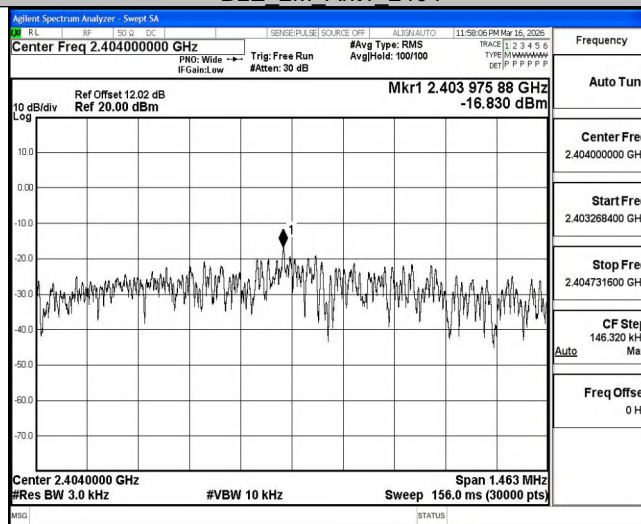


BLE 1M Ant1 2480

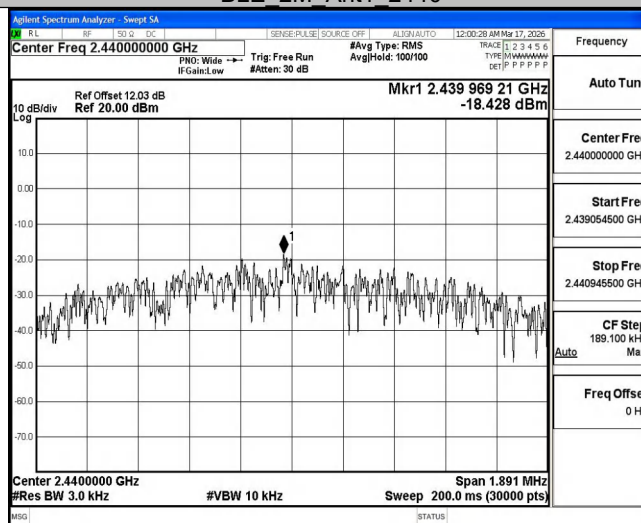




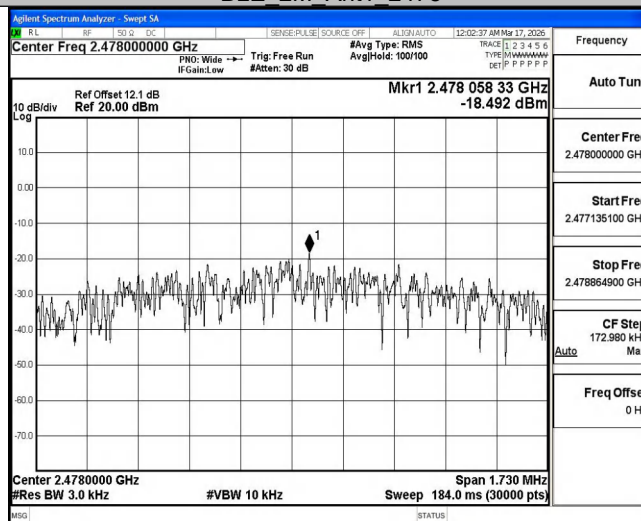
BLE 2M Ant1 2404



BLE 2M Ant1 2440



BLE 2M Ant1 2478





Appendix E: Band edge measurements

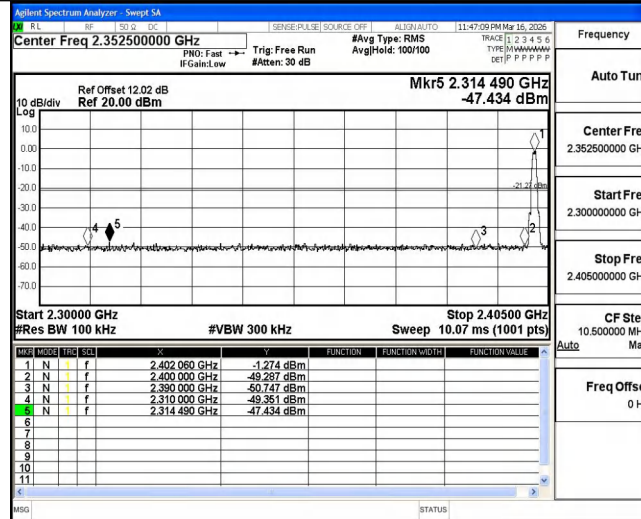
Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.27	-47.43	≤-21.27	PASS
		High	2480	-1.66	-46.99	≤-21.66	PASS
BLE_2M	Ant1	Low	2404	-0.63	-46.59	≤-20.63	PASS
		High	2478	-1.70	-47.35	≤-21.7	PASS

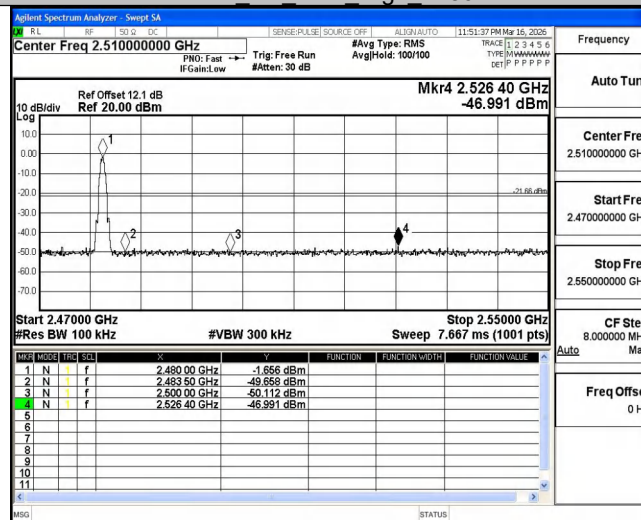


Test Graphs

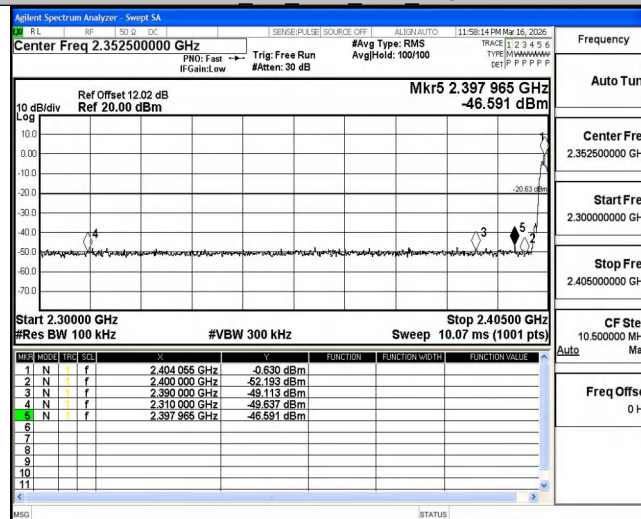
BLE 1M Ant1 Low 2402



BLE 1M Ant1 High 2480

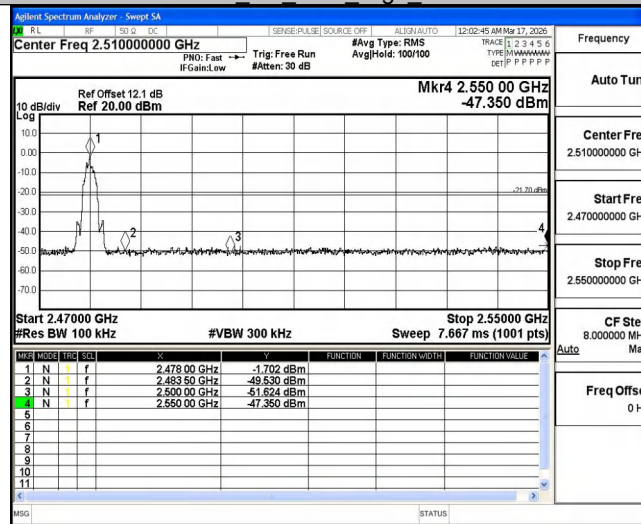


BLE 2M Ant1 Low 2404





BLE 2M Ant1_High_2478





Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-1.52	-1.52	---	PASS
			30~1000	-1.52	-58.05	≤ -21.52	PASS
			1000~26500	-1.52	-48.58	≤ -21.52	PASS
		2440	Reference	-2.05	-2.05	---	PASS
			30~1000	-2.05	-59.12	≤ -22.05	PASS
			1000~26500	-2.05	-49.47	≤ -22.05	PASS
		2480	Reference	-3.77	-3.77	---	PASS
			30~1000	-3.77	-58.42	≤ -23.77	PASS
			1000~26500	-3.77	-48.94	≤ -23.77	PASS
BLE_2M	Ant1	2404	Reference	-2.86	-2.86	---	PASS
			30~1000	-2.86	-58.29	≤ -22.86	PASS
			1000~26500	-2.86	-48.71	≤ -22.86	PASS
		2440	Reference	-2.22	-2.22	---	PASS
			30~1000	-2.22	-58.99	≤ -22.22	PASS
			1000~26500	-2.22	-48.79	≤ -22.22	PASS
		2478	Reference	-2.99	-2.99	---	PASS
			30~1000	-2.99	-59.08	≤ -22.99	PASS
			1000~26500	-2.99	-48.67	≤ -22.99	PASS

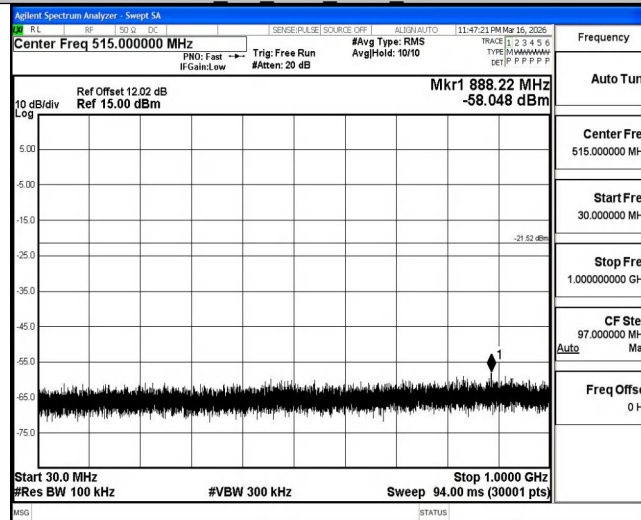


Test Graphs

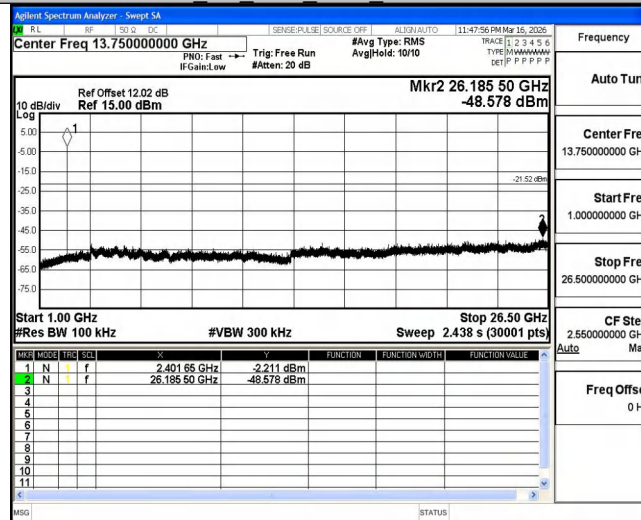
BLE 1M Ant1 2402 0~Reference



BLE 1M Ant1 2402 30~1000

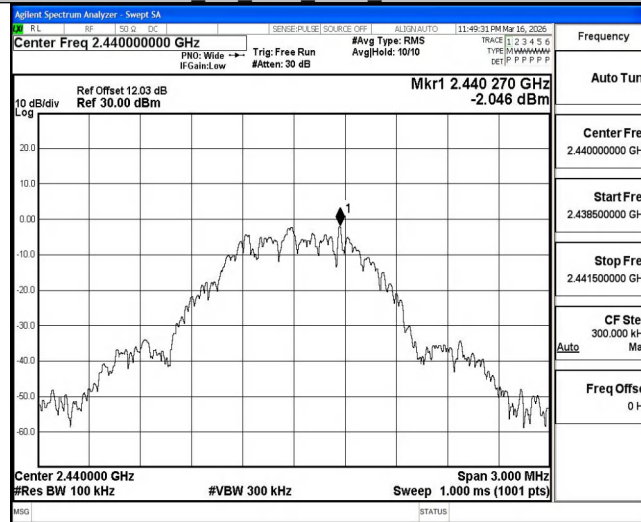


BLE 1M Ant1 2402 1000~26500

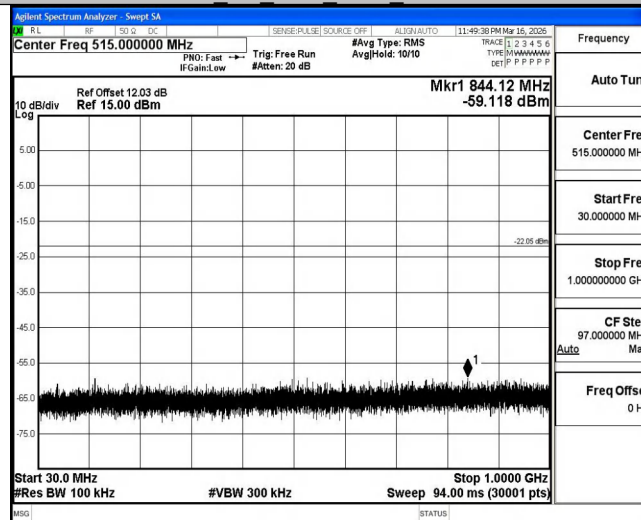




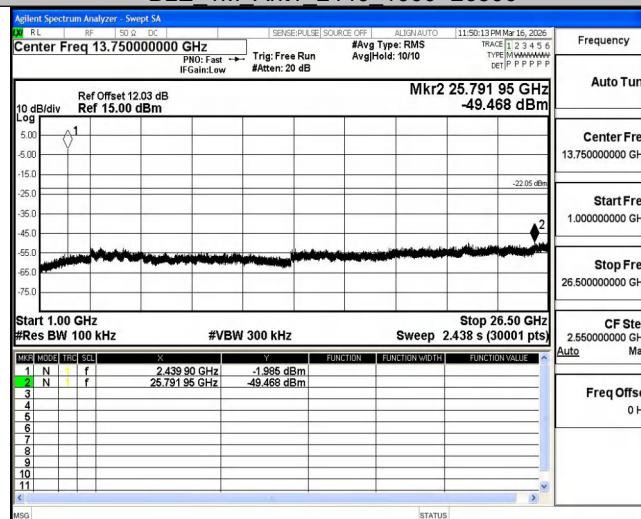
BLE 1M Ant1 2440 0~Reference



BLE 1M Ant1 2440 30~1000

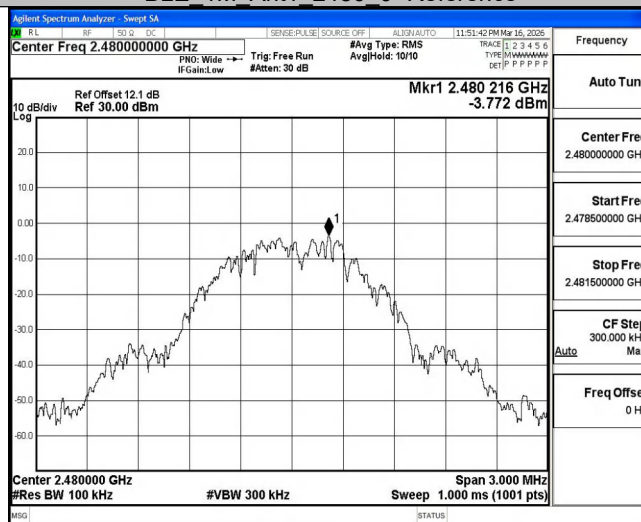


BLE 1M Ant1 2440 1000~26500

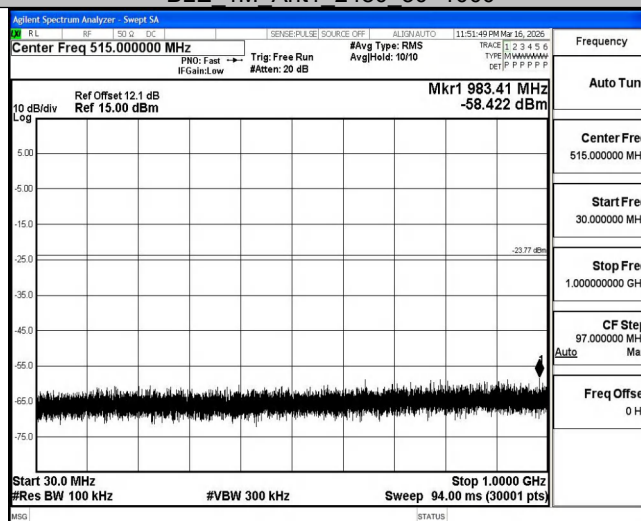




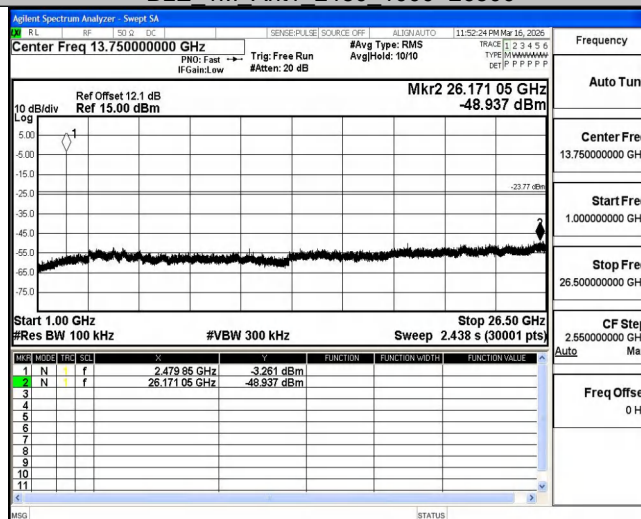
BLE 1M Ant1 2480 0~Reference



BLE 1M Ant1 2480 30~1000

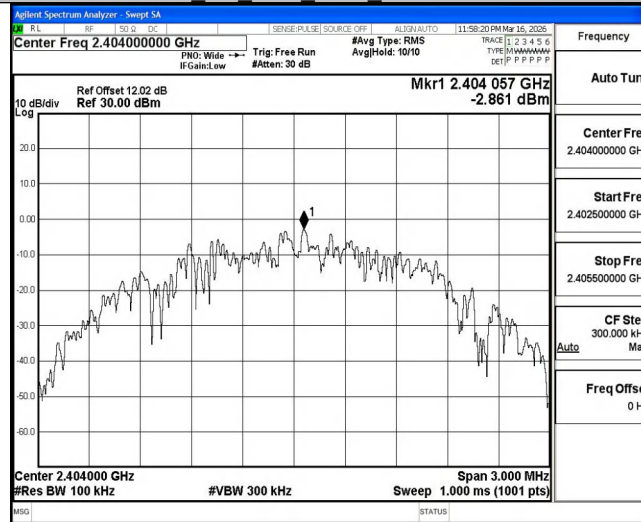


BLE 1M Ant1 2480 1000~26500

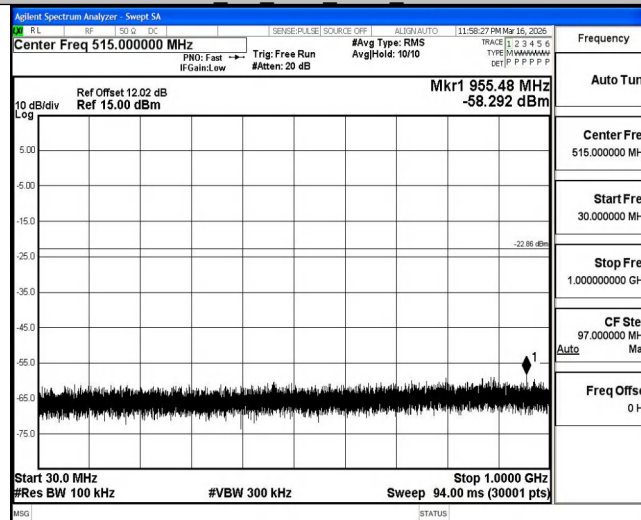




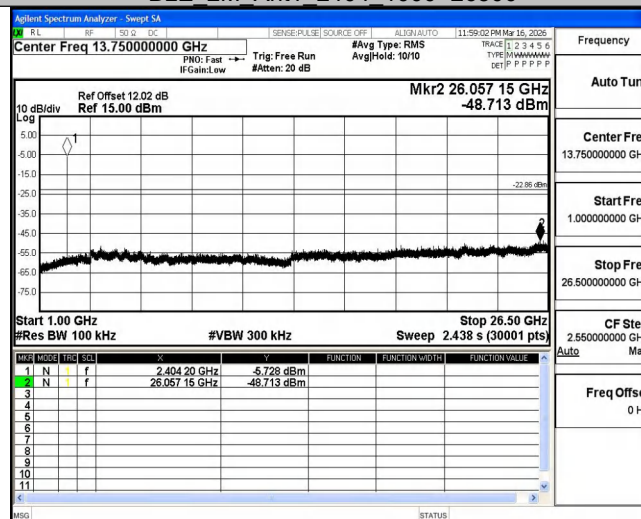
BLE 2M Ant1 2404 0~Reference



BLE 2M Ant1 2404 30~1000

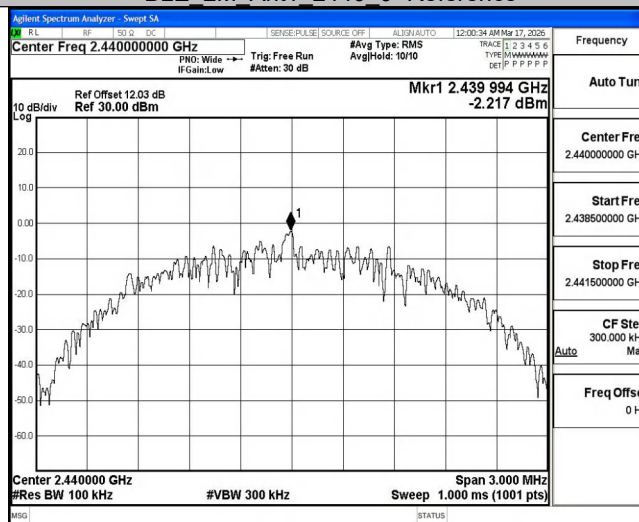


BLE 2M Ant1 2404 1000~26500

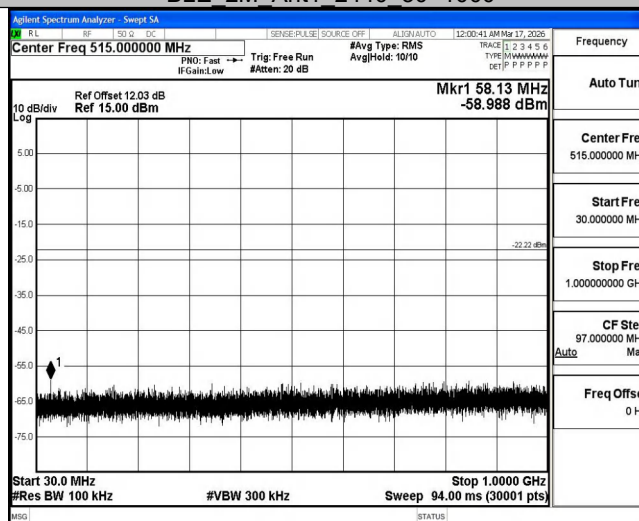




BLE 2M Ant1 2440 0~Reference



BLE 2M Ant1 2440 30~1000



BLE 2M Ant1 2440 1000~26500

