



# FCC PART 15.247 TEST REPORT

For

## Xiamen Jing Xin Science and Technology Co., Ltd

2nd Floor, No.33-35, Huli Avenue, Xiamen Area, China (Fujian)Pilot Free Trade Zone,  
Xiamen, China

**FCC ID: 2BB6HBR2551E**

<b>Report Type:</b> Original Report	<b>Product Name:</b> Bluetooth Dual Mode SOC module
<b>Report Number:</b>	<u>2407V34489E-RF-01</u>
<b>Report Date:</b>	<u>2024-11-14</u>
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## **REPORT REVISION HISTORY**

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Number of Revisions	Report No.	Version	Issue Date	Description
0	2407V34489E-RF-01	R1V1	2024-11-14	Initial Release

**GENERAL INFORMATION****Product Description for Equipment under Test (EUT)**

Product Name:	Bluetooth Dual Mode SOC module
Tested Model:	BR2551E
Power Supply:	DC 3.3V
Maximum Output Power (Conducted):	-2.36 dBm
RF Function:	Classic BT
Operating Band/Frequency:	2402-2480 MHz
Channel Number:	79
Channel Separation:	1 MHz
Modulation Type:	GFSK, $\pi/4$ -DQPSK, 8DPSK
Antenna Type:	Ceramic chip Antenna
★Maximum Antenna Gain:	1.36dBi
EUT Received Status:	Good
<i>Note:</i>	
1. The Maximum Antenna Gain was declared by manufacturer.	
2. All measurement and test data in this report was gathered from production sample serial number: 2OLT-2 (Assigned by the BAACL (Xiamen). The EUT supplied by the applicant was received on 2024-07-17)	

**Objective**

This test report is prepared for *Xiamen Jing Xin Science and Technology Co., Ltd* in accordance with Part 2-Subpart J, Part 15-Subparts A and C of the Federal Communication Commissions rules.

The tests were performed in order to determine Compliance with FCC Part 15, Subpart C, section 15.203, 15.205, 15.207, 15.209 and 15.247 rules.

**Test Methodology**

All measurements contained in this report were conducted with ANSI C63.10-2020, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices and 558074 D01 15.247 Meas Guidance v05r02.

**Test Facility**

The Test site used by Bay Area Compliance Laboratories Corp. (Xiamen) to collect test data is located on the Unit 102, No. 902 Meifeng South Road, Binhai West Avenue, Science and Technology Innovation Park, Torch High tech Zone XiaMen.

Bay Area Compliance Laboratories Corp. (Xiamen) Lab is accredited to ISO/IEC 17025 by A2LA (Certificate Number: 7134.01) and the lab has been recognized as the FCC accredited lab under the KDB 974614 D01, the FCC Designation No. : CN1384.

**Measurement Uncertainty**

Item		$U_{lab}$
AC Power Lines Conducted Emissions	150kHz-30MHz	2.33 dB
Radiated emission	9kHz-30MHz	2.59 dB
	30MHz~200MHz	4.38dB
	200MHz~1GHz	4.50dB
	1GHz~6GHz	4.58dB
	6GHz~18GHz	5.43dB
	18GHz~26.5GHz	5.47dB
Occupied Bandwidth		0.053kHz
Transmitter Conducted Power		0.624 dB
Conducted Spurious Emission		2.52 dB
Temperature		1°C
Humidity		5%

*Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor  $K$  with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.*

**SYSTEM TEST CONFIGURATION**

**Test Mode and Voltage**

The system was configured for testing in a typical mode (as normally used by a typical user).	
Test mode:	Test mode 1: Transmitting
Test voltage:	Test mode 1: DC 3.3V
Remark:	During all emission tests, the EUT was configured to measure its highest possible emission level and the worst case’s test data was presented in this test report.

**Description of Test Configuration**

Channel list:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	40	2442
1	2403	...	...
...	...	...	...
...	...	78	2480
39	2441	/	/

EUT was tested with Channel 0, 39 and 78.

**EUT Exercise Software**

RF Test Tool: BR BlueletSuite

★Power level: 7

Note: The power level was declared by the applicant.

**Special Accessories**

No special accessory.

**Equipment Modifications**

No modification was made to the EUT tested.

**Support Equipment List and Details**

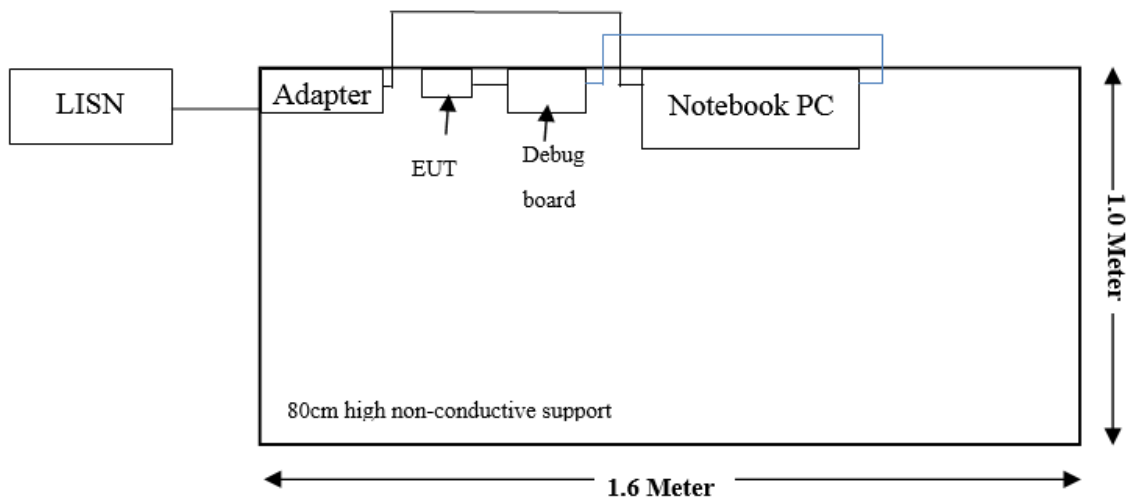
Manufacturer	Description	Model	Serial Number
Thinkpad	DESKTOP-945K19U	TA80	B6B1ABD0-4BE1-431B-9C95-C4F23F04BBA4
Adapter	Adapter	ADLX45YDC3D	SA10R16864
Telink	Debug board	EVK	EVK01

**External I/O Cable**

Cable Description	Length (m)	From Port	To
USB cable (CE)	0.5	Notebook PC	Debug board
USB extension cable (RE)	8m	Debug board	Notebook PC
Dupont Line	0.2	Debug board	EUT

**Block Diagram of Test Setup**

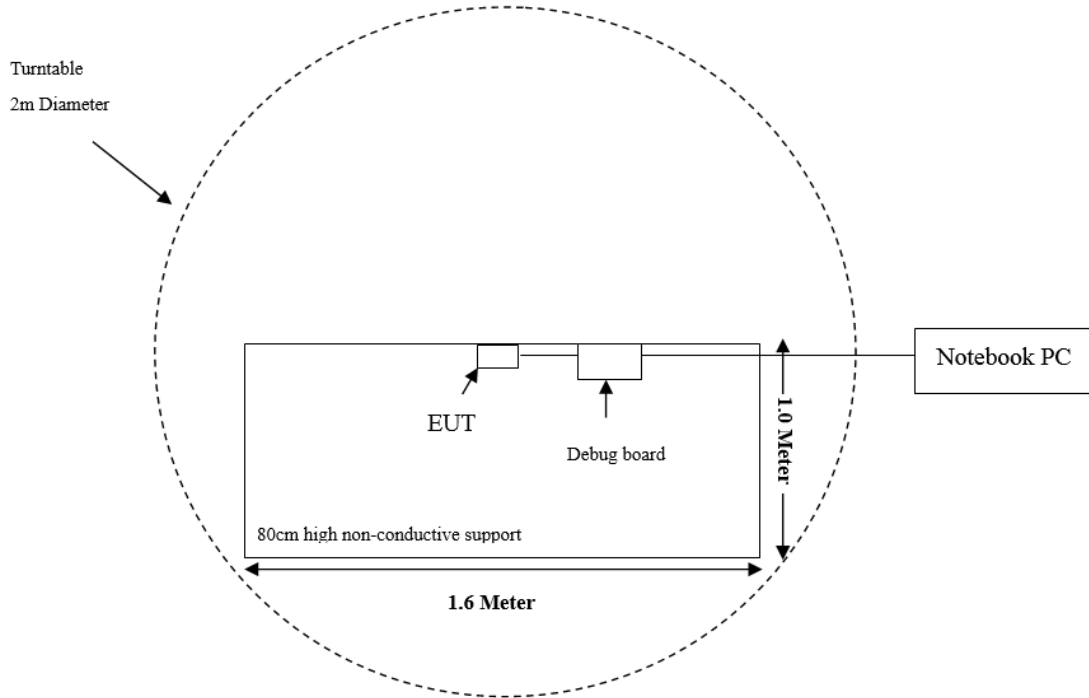
Conducted Emission:



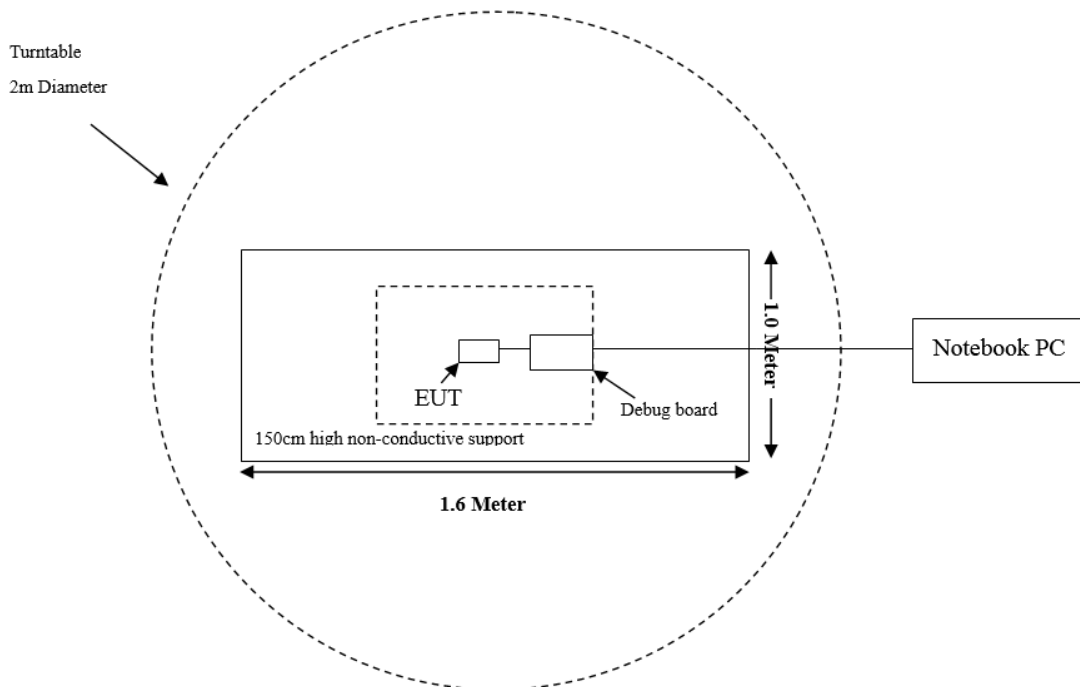


Radiated Emission:

Below 1GHz



Above 1GHz:



**SUMMARY OF TEST RESULTS**

<b>FCC Rules</b>	<b>Description of Test</b>	<b>Result</b>
§15.203	Antenna Requirement	Compliant
§15.207(a)	AC Line Conducted Emissions	Compliant
§15.205, §15.209 & §15.247(d)	Radiated Emissions & Restricted Bands Emissions	Compliant
§15.247(a)(1)	20 dB Emission Bandwidth	Compliant
§15.247(a)(1)	Channel Separation Test	Compliant
§15.247(a)(1)(iii)	Time of Occupancy (Dwell Time)	Compliant
§15.247(a)(1)(iii)	Quantity of hopping channel Test	Compliant
§15.247(b)(1)	Peak Output Power Measurement	Compliant
§15.247(d)	Band edges	Compliant

**TEST EQUIPMENT LIST**

Test Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due Date
<b>Conducted Emissions</b>					
EMI Test Receiver	Rohde & Schwarz	ESR	103105	2024/03/29	2025/03/28
LISN	Rohde & Schwarz	ENV216	100129	2024/03/29	2025/03/28
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	0357.8810.54	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH400T-N-4M	CC001	2024/03/29	2025/03/28
Test Software	Audix	E3	18621a	N/A	N/A
<b>Radiated Emissions Below 1GHz</b>					
EMI Test Receiver	Rohde & Schwarz	ESR	103103	2024/03/29	2025/03/28
Loop Antenna	Rohde & Schwarz	HFH2-Z2	830749/001	2023/07/27	2026/07/26
Antenna	Sunol Sciences	JB6	A122022-5	2023/07/27	2026/07/26
Amplifier	Sonoma	310B	120903	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH400T-N-4M	CC002	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH460B-N-2M	CC006	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH460B-N-12M	CC007	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	HFH2-CC	335.3609	2023/09/20	2026/09/19
Test Software	Audix	E3	18621a	N/A	N/A
<b>Radiated Emissions Above 1 GHz</b>					
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102051	2024/03/29	2025/03/28
Filter Switch Unit	Decentest	DT7220FSU	DS79904	2024/02/23	2025/02/22
Multiplex Switch Test Control Set	Decentest	DT7220SCU	DS79901	2024/02/23	2025/02/22
Double Ridge Guide Horn Antenna	A.H.Systems	SAS-571	1980	2023/07/28	2026/07/27
Preamplifier	A.H.Systems	PAM-0118P	489	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH800A-N-6M	CC003	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH800A-N-1M	CC005	2024/03/29	2025/03/28
Horn Antenna	EMCO	3116	9407-2232	2023/07/31	2026/07/30
Preamplifier	A.H.Systems	PAM-1840	200	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH360A-2.92-3M	CC008	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH360A-2.92-1M	CC009	2024/03/29	2025/03/28
Test Software	Audix	E3	18621a	N/A	N/A
<b>RF Conducted Test</b>					
Spectrum Analyzer	Rohde & Schwarz	FSU	100405	2024/03/29	2025/03/28
Coaxial Cable	N/A	N/A	N/A	2024/03/29	2025/03/28
Power Sensor	HP	8481A	PS20240325	2024/03/29	2025/03/28

**Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Xiamen) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

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**FCC §15.203 – ANTENNA REQUIREMENT**

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**Applicable Standard**

According to FCC § 15.203, 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 shall be considered sufficient to comply with the provisions of this Section. 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. The structure and application of the EUT were analyzed to determine compliance with section §15.203 of the rules. §15.203 state that the subject device must meet the following criteria:

- a. Antenna must be permanently attached to the unit.
- b. Antenna must use a unique type of connector to attach to the EUT.
- c. Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

And according to FCC 47 CFR section 15.247 (b), if the transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

**Antenna Connector Construction**

The EUT has one Ceramic chip antenna for Bluetooth, which was permanently attached and the antenna gain is 1.36 dBi, fulfill the requirement of this section. Please refer to the EUT photos.

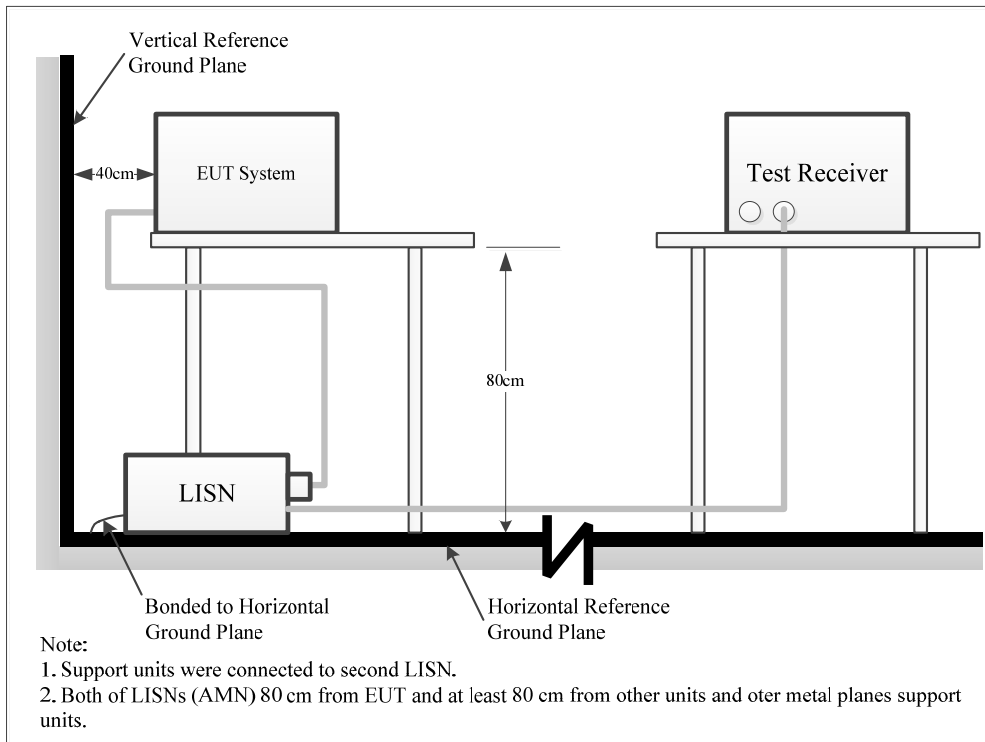
**Result: Compliance**

**FCC §15.207 (a) – AC LINE CONDUCTED EMISSIONS**

**Applicable Standard**

FCC §15.207(a)

**Test System Setup**



The measurement procedure of EUT setup is according with ANSI C63.10-2020. The related limit was specified in FCC Part 15.207.

**EMI Test Receiver Setup**

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	RBW	VBW	Detector
150 kHz – 30 MHz	9 kHz	30 kHz	QP/AV

## Test Procedure

ANSI C63.10-2020 clause 6.2

During the conducted emission test, the adapter was connected to the outlet of the LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

If the maximum peak value of the emissions is below the average limit, the QP value and average value measurement will not need to be performed and only record the maximum peak measured value to meet the requirements.

## Result & Margin Calculation

The Result is calculated by adding LISN VDF (Voltage Division Factor), Cable Loss and Transient Limiter Attenuation from the Meter Reading. The basic equation is as follows:

Factor (dB) = LISN VDF (dB) + Cable Loss (dB) + Transient Limiter Attenuation (dB)  
Result (dB $\mu$ V) = Reading (dB $\mu$ V) + Factor (dB)

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

Margin (dB) = Limit (dB $\mu$ V) – Result (dB $\mu$ V)

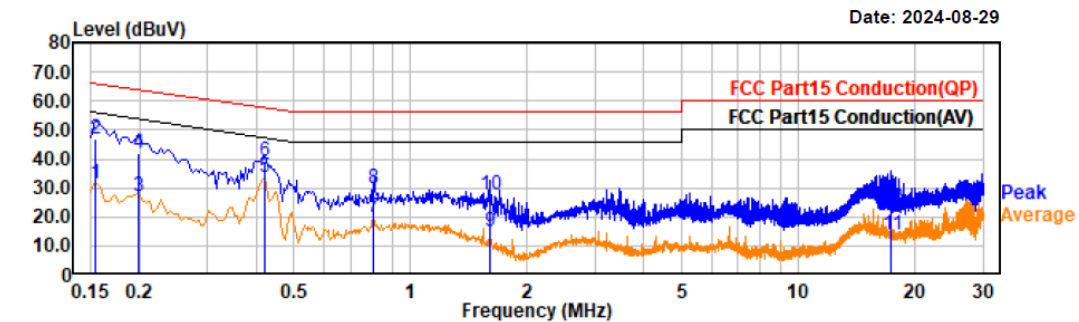
**Test Data**

<b>Frequency Range:</b>	150kHz~30MHz
<b>Temperature:</b>	22.4°C
<b>Relative Humidity:</b>	59%
<b>ATM Pressure:</b>	100.1kPa
<b>Test Date:</b>	2024-08-29
<b>Test Engineer:</b>	Spike Gao

*EUT operation mode: Transmitting in EDR low channel ( $\pi/4$ -DQPSK) (worst case)*

Project No.: 2407V34489E-RF  
 Test Mode: EDR 2DH1 2402  
 EUT Model: BR2551E

Temp/Humi/ATM: 22.4°C/59%/100.1kPa  
 Tested by: Spike Gao  
 Power Source: AC 120V/60Hz

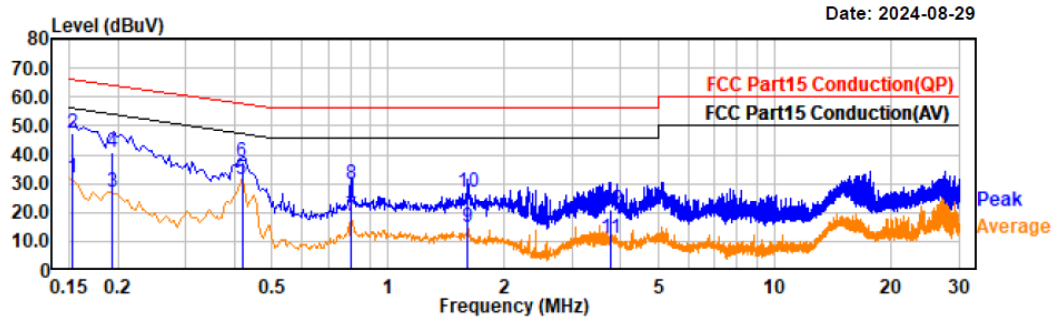


Trace: 1

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.15	10.24	21.06	31.30	55.78	24.48	Line	Average
0.15	25.95	21.06	47.01	65.78	18.77	Line	QP
0.20	5.57	21.27	26.84	53.63	26.79	Line	Average
0.20	20.51	21.27	41.78	63.63	21.85	Line	QP
0.42	13.08	20.48	33.56	47.45	13.89	Line	Average
0.42	18.95	20.48	39.43	57.45	18.02	Line	QP
0.80	-0.76	20.61	19.85	46.00	26.15	Line	Average
0.80	9.14	20.61	29.75	56.00	26.25	Line	QP
1.61	-6.00	20.90	14.90	46.00	31.10	Line	Average
1.61	6.78	20.90	27.68	56.00	28.32	Line	QP
17.39	-7.18	21.11	13.93	50.00	36.07	Line	Average
17.39	1.81	21.11	22.92	60.00	37.08	Line	QP

Project No.: 2407V34489E-RF  
 Test Mode: EDR 2DH1 2402  
 EUT Model: BR2551E

Temp/Humi/ATM: 22.4°C/59%/100.1kPa  
 Tested by: Spike Gao  
 Power Source: AC 120V/60Hz



Date: 2024-08-29

Trace: 1

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.15	11.08	20.86	31.94	55.82	23.88	Neutral	Average
0.15	26.40	20.86	47.26	65.82	18.56	Neutral	QP
0.19	5.77	21.04	26.81	53.86	27.05	Neutral	Average
0.19	19.95	21.04	40.99	63.86	22.87	Neutral	QP
0.42	10.77	20.44	31.21	47.47	16.26	Neutral	Average
0.42	17.35	20.44	37.79	57.47	19.68	Neutral	QP
0.80	-1.55	20.52	18.97	46.00	27.03	Neutral	Average
0.80	9.26	20.52	29.78	56.00	26.22	Neutral	QP
1.61	-6.05	21.00	14.95	46.00	31.05	Neutral	Average
1.61	5.91	21.00	26.91	56.00	29.09	Neutral	QP
3.76	-9.97	20.98	11.01	46.00	34.99	Neutral	Average
3.76	0.14	20.98	21.12	56.00	34.88	Neutral	QP



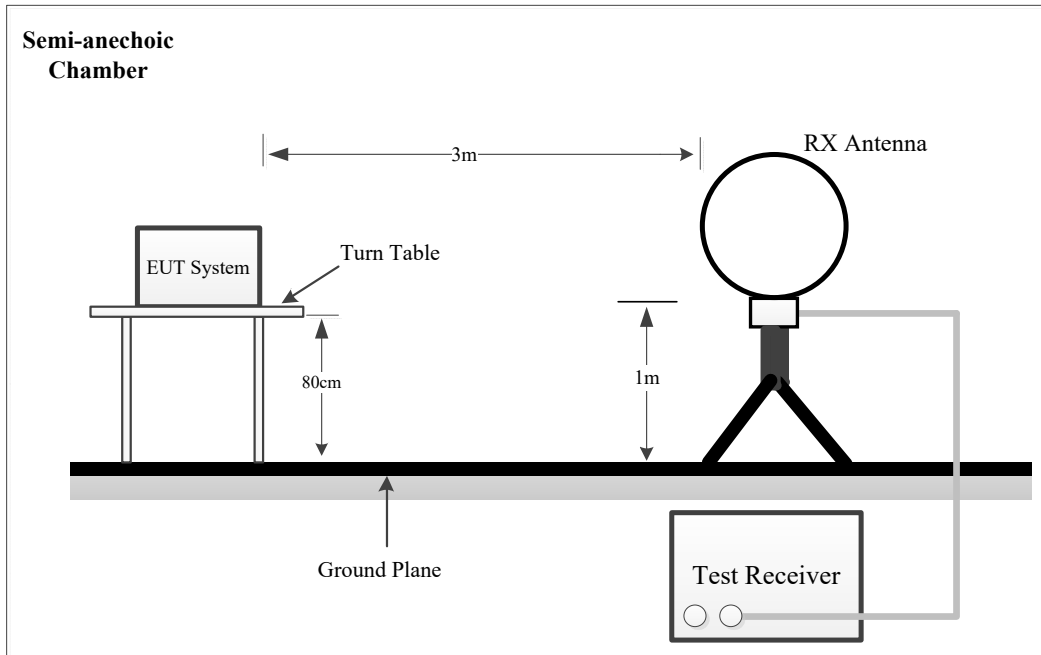
## FCC §15.205, §15.209 & §15.247(d) – RADIATED EMISSIONS

### Applicable Standard

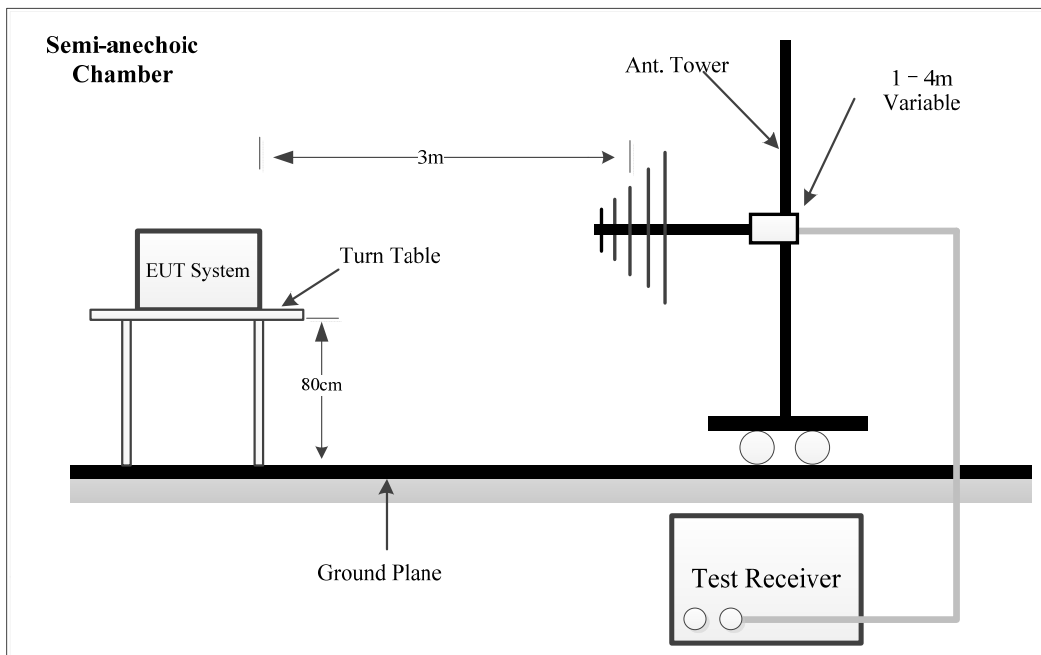
FCC §15.205; §15.209; §15.247(d)

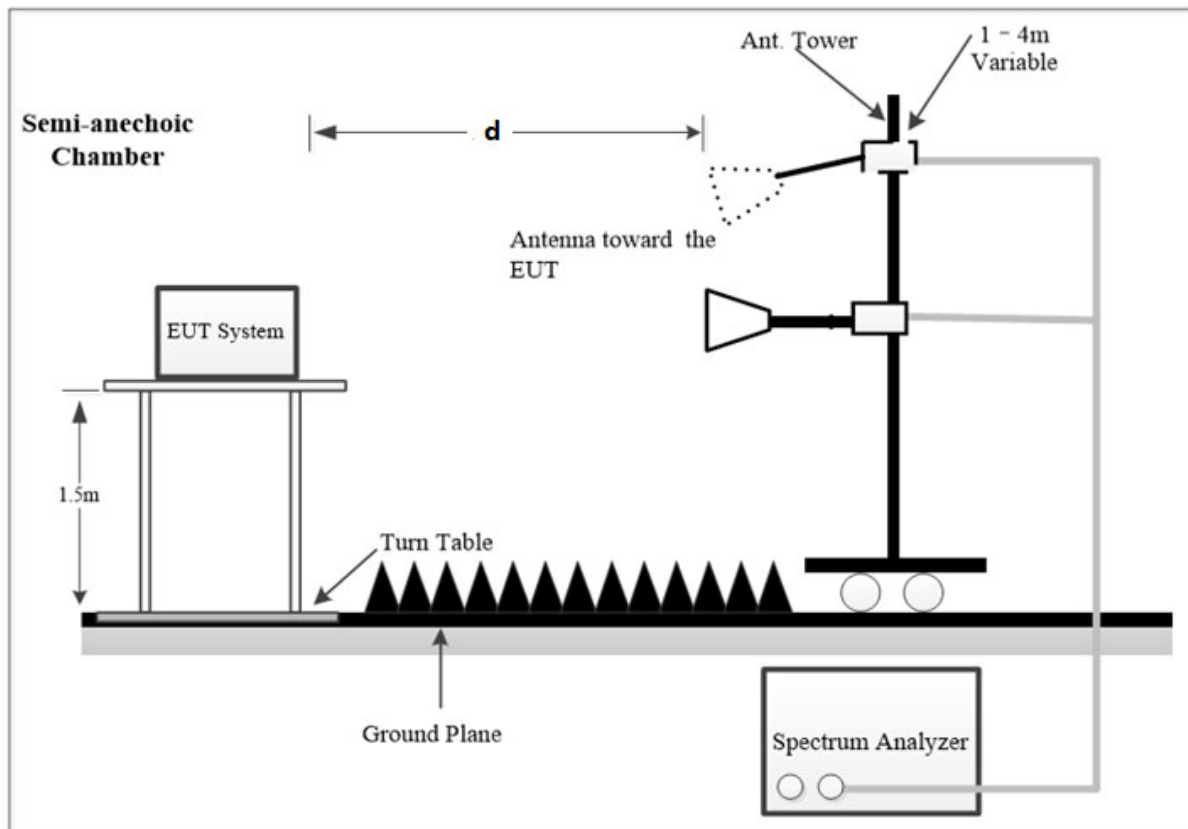
### Test System Setup

#### 9 kHz-30MHz



#### 30MHz -1 GHz:



**Above 1GHz:**

The radiated emission tests using the setup accordance with the ANSI C63.10-2020. The specification used was the FCC 15.209 and FCC 15.247 limits.

**NOTE:**

d is testing distance;

For Radiated Emission test (1GHz-3GHz), which was performed at 3 m distance.

For Radiated Emission test(3GHz-18GHz), which was performed at 1.8 m distance, according to C63.10-2020, the test result shall be extrapolated to the specified distance using an extrapolation Factor of 20dB/decade from 3m to 1.8m.

Distance extrapolation Factor =  $20 \log (\text{specific distance } [3\text{m}]/\text{test distance } [1.8\text{m}]) \text{ dB} = 4.44 \text{ dB}$

For Radiated Bandedge Emission test, which was performed at 1.5 m distance, according to C63.10-2020, the test result shall be extrapolated to the specified distance using an extrapolation Factor of 20dB/decade from 3m to 1.5m.

Distance extrapolation Factor =  $20 \log (\text{specific distance } [3\text{m}]/\text{test distance } [1.5\text{m}]) \text{ dB} = 6 \text{ dB}$

For Radiated Emission test(18GHz-25GHz), which was performed at 1.0 m distance, according to C63.10-2020, the test result shall be extrapolated to the specified distance using an extrapolation Factor of 20dB/decade from 3m to 1.0m.

Distance extrapolation Factor =  $20 \log (\text{specific distance } [3\text{m}]/\text{test distance } [1.0\text{m}]) \text{ dB} = 9.54 \text{ dB}$

**EMI Test Receiver & Spectrum Analyzer Setup**

The system was investigated from 9 kHz to 25 GHz.

During the radiated emission test, the EMI Test Receiver & Spectrum Analyzer Setup was set with the following configurations:

Frequency Range	RBW	Video B/W	IF B/W	Measurement
9 kHz – 150 kHz	300Hz	1 kHz	200Hz	QP/AV
150 kHz – 30 MHz	9 kHz	30 kHz	9 kHz	QP/AV
30 MHz – 1000 MHz	100 kHz	300 kHz	/	PK
	/	/	120kHz	QP

1GHz~25GHz:

Pre-scan:

Measurement	RBW	Video B/W
PK	1MHz	3MHz
Ave.	1MHz	5kHz

Final measurement for emission identified during the pre-scan:

Measurement	RBW	Video B/W
PK	1MHz	3MHz
Ave.	1MHz	10Hz

**Test Procedure**

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

For each measurement antenna alignment, the EUT shall be rotated through 0° to 360° on a turntable. The report shall list the six emissions with the smallest margin relative to the limit, for each of the three antenna orientations (parallel, perpendicular, and ground parallel) unless the margin is greater than 20 dB, then the following statement shall be made: “all emissions were greater than 20 dB below the limit.”

Below 1GHz,if the measured peak level of the emissions that the measuring receiver reading level plus corrected factor is at least 10 dB below the QP emission limit, there's no need to record the measured QP level of the emissions in the report.

Above 1GHz,if the measured peak level of the emissions that the measuring receiver reading level plus corrected factor is at least 6 dB below the AV emission limit, there's no need to record the measured AV level of the emissions in the report.

**Result &Margin Calculation**

The Result is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

For 9 kHz to 3GHz Radiated emission test

$$\text{Factor (dB/m)} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} - \text{Amplifier Gain (dB)}$$

For 3GHz to 25GHz Radiated emission test and Bandedge emissions test

$$\text{Factor (dB/m)} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} - \text{Amplifier Gain (dB)} - \text{Extrapolation factor(dB)}$$

Extrapolation factor=6dB (distance=1.5m)

Extrapolation factor=4.4dB (distance=1.8m)

Extrapolation factor=9.54dB (distance=1m)

$$\text{Result (dB}\mu\text{V/m)} = \text{Reading (dB}\mu\text{V)} + \text{Factor (dB/m)}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

$$\text{Margin (dB)} = \text{Limit (dB}\mu\text{V/m)} - \text{Result (dB}\mu\text{V/m)}$$

### Test Data

Please refer to the below table and plots.

*Pre-Scan with GFSK, π/4-DQPSK, 8DPSK modes of operation in the X, Y and Z axes of orientation, the mode in Z-axis of orientation was recorded*

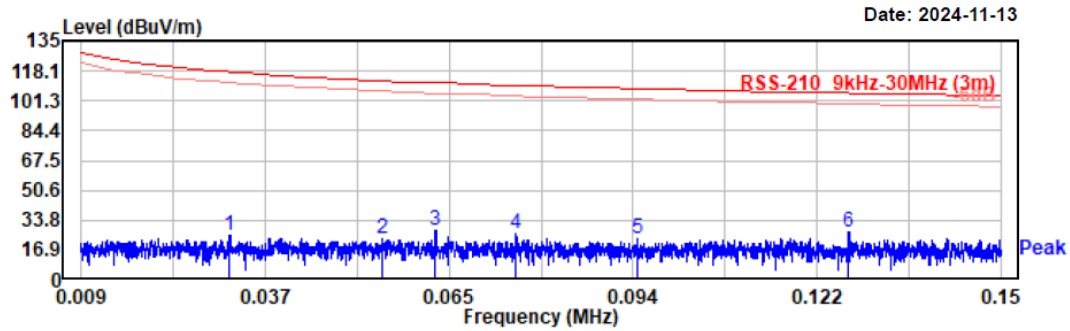
<b>Frequency Range:</b>	Below 1 GHz	Above 1 GHz
<b>Temperature:</b>	23.0°C~23.4°C	23.4°C~23.6°C
<b>Relative Humidity:</b>	50 %~55%	53%~55%
<b>ATM Pressure:</b>	100.1kPa	100.1 kPa~100.5 kPa
<b>Test Date:</b>	2024-08-29~2024-11-13	2024-09-05~2024-11-14
<b>Test Engineer:</b>	Wlif Wu	Wlif Wu

1) 9 kHz ~30MHz

EUT operation mode: Transmitting in EDR low channel ( $\pi/4$ -DQPSK) in parallel (worst case)

Project No.: 2407V34489E-RF  
 Test Mode: 2DH1 2402  
 EUT Model: BR2551E  
 Test distance: 3m

Temp/Humi/ATM: 23.4°C/55%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC 120V/60Hz



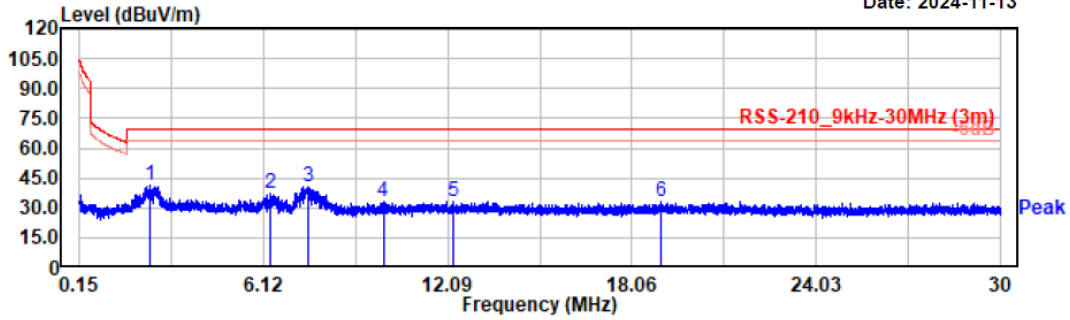
Date: 2024-11-13

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.032	4.79	19.91	24.70	117.59	92.89	Peak
0.055	3.18	19.91	23.09	112.79	89.70	Peak
0.063	7.90	19.88	27.78	111.58	83.80	Peak
0.076	6.38	19.75	26.13	110.04	83.91	Peak
0.094	3.64	19.78	23.42	108.11	84.69	Peak
0.127	7.71	19.73	27.44	105.55	78.11	Peak

Project No.: 2407V34489E-RF  
 Test Mode: 2DH1 2402  
 EUT Model: BR2551E  
 Test distance: 3m

Temp/Humi/ATM: 23.4°C/55%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC 120V/60Hz

Date: 2024-11-13



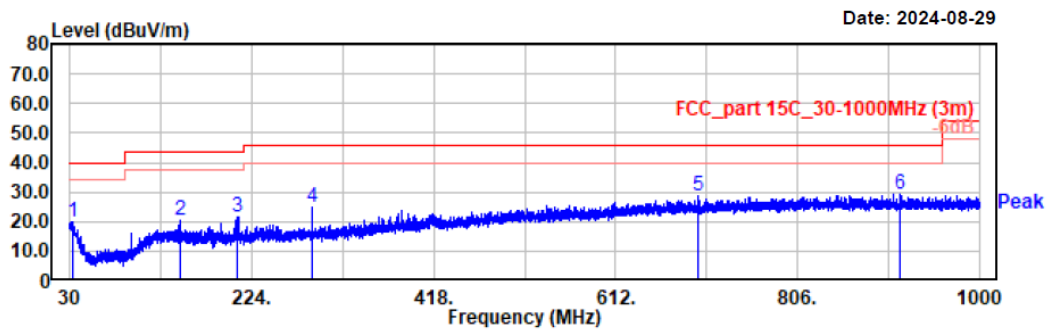
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
2.439	22.02	19.69	41.71	69.54	27.83	Peak
6.359	17.45	19.76	37.21	69.54	32.33	Peak
7.553	21.22	19.68	40.90	69.54	28.64	Peak
10.001	13.09	19.70	32.79	69.54	36.75	Peak
12.272	13.68	19.73	33.41	69.54	36.13	Peak
18.979	13.09	20.02	33.11	69.54	36.43	Peak

2) 30MHz-1GHz

EUT operation mode: Transmitting in EDR low channel ( $\pi/4$ -DQPSK) (worst case)

Project No.: 2407V34489E-RF  
 Test Mode: 2DH1-2402  
 EUT Model: BR2551E  
 Test distance: 3m

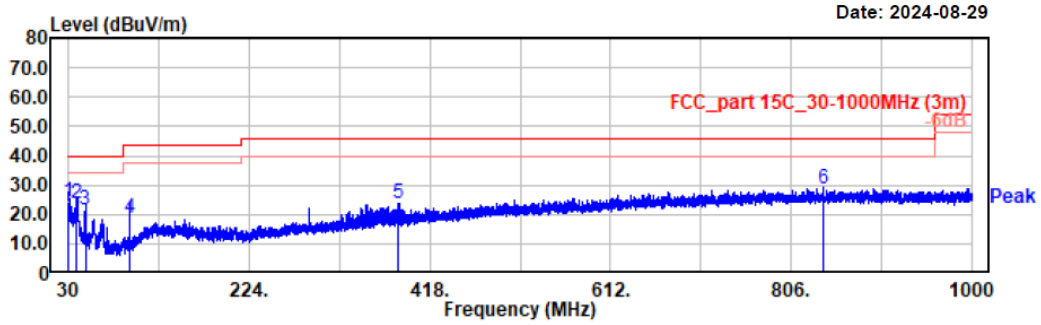
Temp/Humi/ATM: 23.0°C/50%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
33.98	27.58	-7.49	20.09	40.00	19.91	Horizontal	QP
147.95	31.47	-11.05	20.42	43.50	23.08	Horizontal	QP
209.35	34.33	-12.55	21.78	43.50	21.72	Horizontal	QP
288.02	34.28	-9.25	25.03	46.00	20.97	Horizontal	QP
700.37	28.86	-0.41	28.45	46.00	17.55	Horizontal	QP
915.61	26.52	2.71	29.23	46.00	16.77	Horizontal	QP

Project No.: 2407V34489E-RF  
 Test Mode: 2DH1-2402  
 EUT Model: BR2551E  
 Test distance: 3m

Temp/Humi/ATM: 23.0°C/50%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz



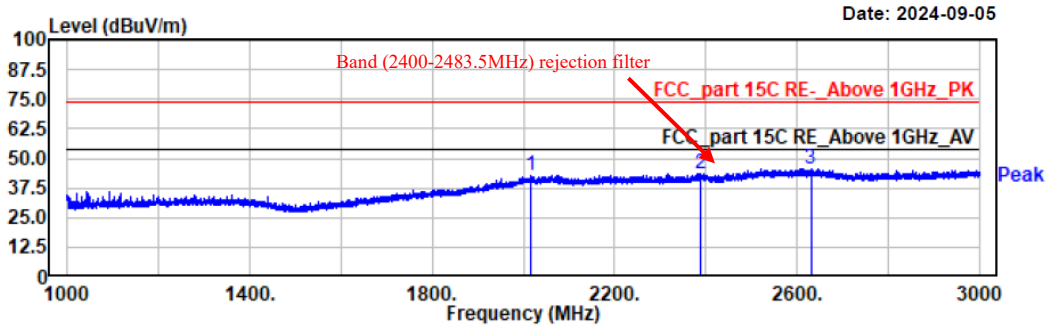
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.29	30.16	-5.68	24.48	40.00	15.52	Vertical	QP
39.22	34.83	-11.04	23.79	40.00	16.21	Vertical	QP
47.95	38.44	-16.82	21.62	40.00	18.38	Vertical	QP
95.96	34.97	-16.13	18.84	43.50	24.66	Vertical	QP
384.54	30.56	-6.91	23.65	46.00	22.35	Vertical	QP
840.14	26.64	1.80	28.44	46.00	17.56	Vertical	QP



3) 1 GHz-3GHz

Project No.: 2407V34489E-RF  
 Test Mode: 1DH1-2402  
 EUT Model: BR2551E  
 Test distance: 3m

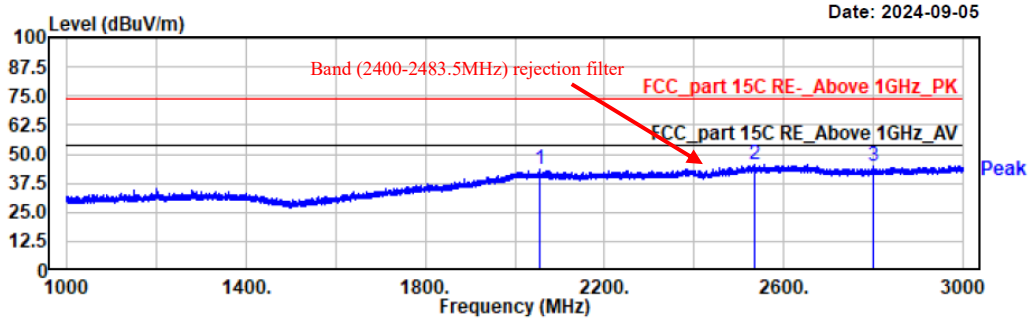
Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2014.60	49.38	-6.53	42.85	74.00	31.15	horizontal	Peak
2387.20	49.08	-5.36	43.72	74.00	30.28	horizontal	Peak
2630.20	49.19	-3.34	45.85	74.00	28.15	horizontal	Peak

Project No.: 2407V34489E-RF  
 Test Mode: 1DH1-2402  
 EUT Model: BR2551E  
 Test distance: 3m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz

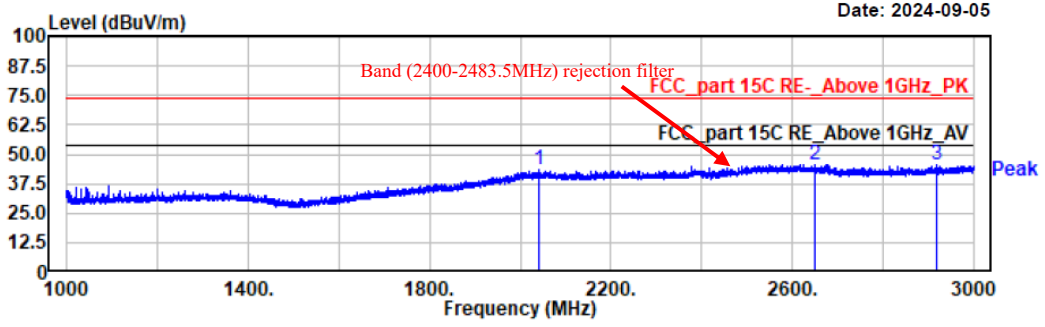


Date: 2024-09-05

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2056.00	49.36	-6.08	43.28	74.00	30.72	vertical	Peak
2534.40	49.00	-3.68	45.32	74.00	28.68	vertical	Peak
2800.00	49.58	-4.69	44.89	74.00	29.11	vertical	Peak

Project No.: 2407V34489E-RF  
 Test Mode: 1DH1-2441  
 EUT Model: BR2551E  
 Test distance: 3m

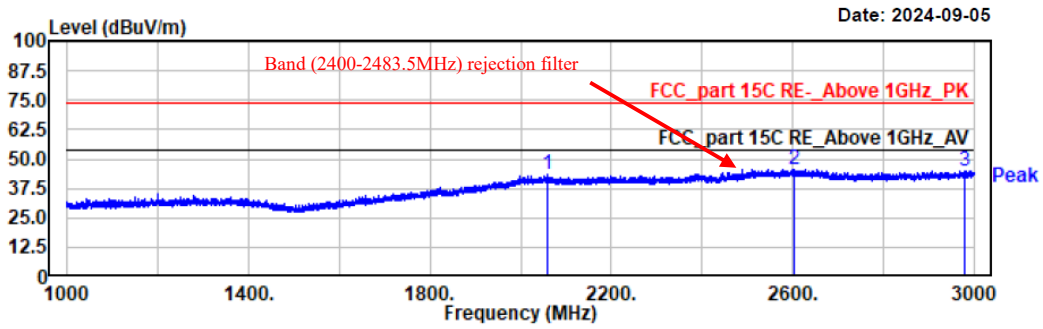
Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2041.20	49.74	-6.12	43.62	74.00	30.38	horizontal	Peak
2649.80	48.97	-3.37	45.60	74.00	28.40	horizontal	Peak
2917.20	49.61	-4.32	45.29	74.00	28.71	horizontal	Peak

Project No.: 2407V34489E-RF  
 Test Mode: 1DH1-2441  
 EUT Model: BR2551E  
 Test distance: 3m

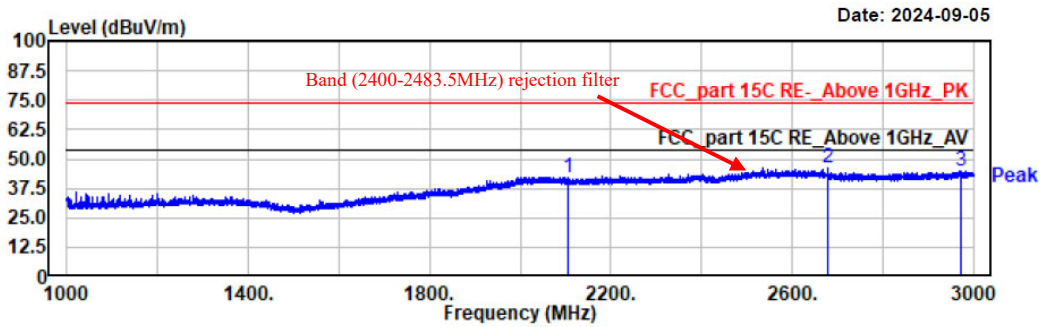
Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2059.40	49.37	-6.12	43.25	74.00	30.75	vertical	Peak
2605.00	49.03	-3.31	45.72	74.00	28.28	vertical	Peak
2979.20	49.21	-4.09	45.12	74.00	28.88	vertical	Peak

Project No.: 2407V34489E-RF  
 Test Mode: 1DH1-2480  
 EUT Model: BR2551E  
 Test distance: 3m

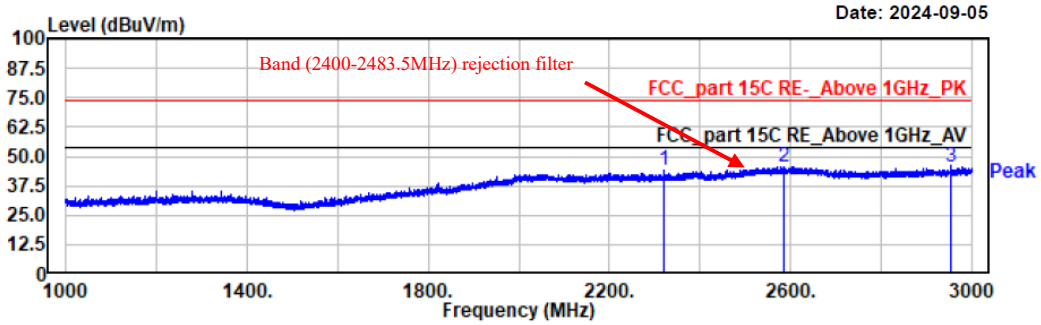
Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2106.60	49.10	-6.73	42.37	74.00	31.63	horizontal	Peak
2677.60	50.58	-4.08	46.50	74.00	27.50	horizontal	Peak
2970.40	48.88	-4.14	44.74	74.00	29.26	horizontal	Peak

Project No.: 2407V34489E-RF  
 Test Mode: 1DH1-2480  
 EUT Model: BR2551E  
 Test distance: 3m

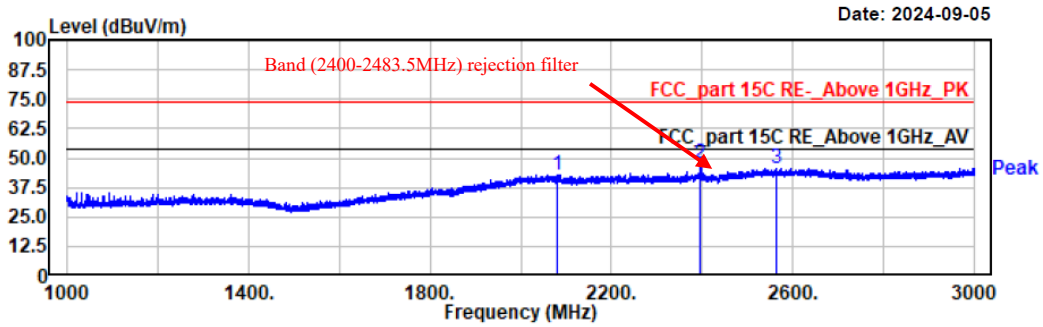
Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2321.40	50.18	-6.13	44.05	74.00	29.95	vertical	Peak
2586.20	48.95	-3.35	45.60	74.00	28.40	vertical	Peak
2955.20	50.04	-4.18	45.86	74.00	28.14	vertical	Peak

Project No.: 2407V34489E-RF  
 Test Mode: 2DH1-2402  
 EUT Model: BR2551E  
 Test distance: 3m

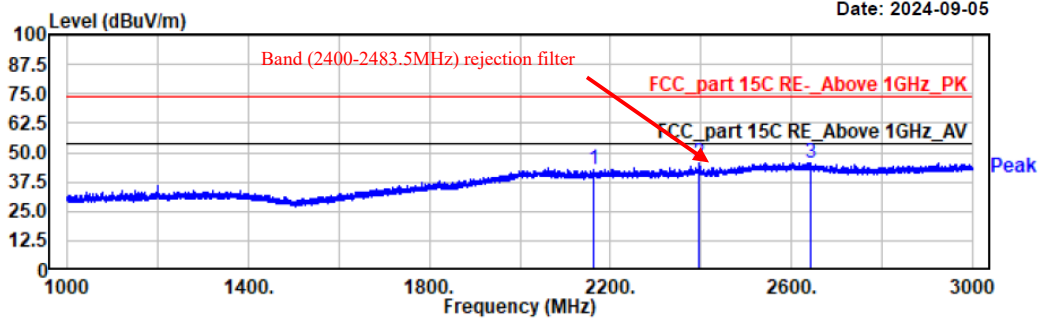
Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2080.20	49.38	-6.43	42.95	74.00	31.05	horizontal	Peak
2396.00	52.64	-5.24	47.40	74.00	26.60	horizontal	Peak
2563.00	49.18	-3.43	45.75	74.00	28.25	horizontal	Peak

Project No.: 2407V34489E-RF  
 Test Mode: 2DH1-2402  
 EUT Model: BR2551E  
 Test distance: 3m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz

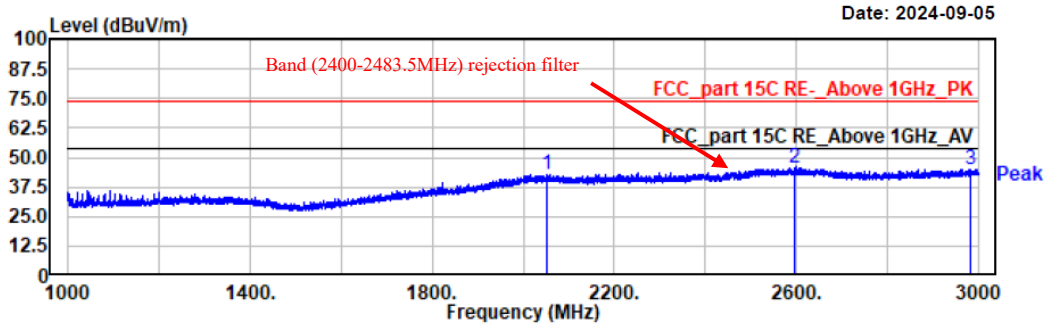


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2162.40	49.10	-6.63	42.47	74.00	31.53	vertical	Peak
2396.20	50.91	-5.23	45.68	74.00	28.32	vertical	Peak
2643.80	49.23	-3.37	45.86	74.00	28.14	vertical	Peak



Project No.: 2407V34489E-RF  
 Test Mode: 2DH1-2441  
 EUT Model: BR2551E  
 Test distance: 3m

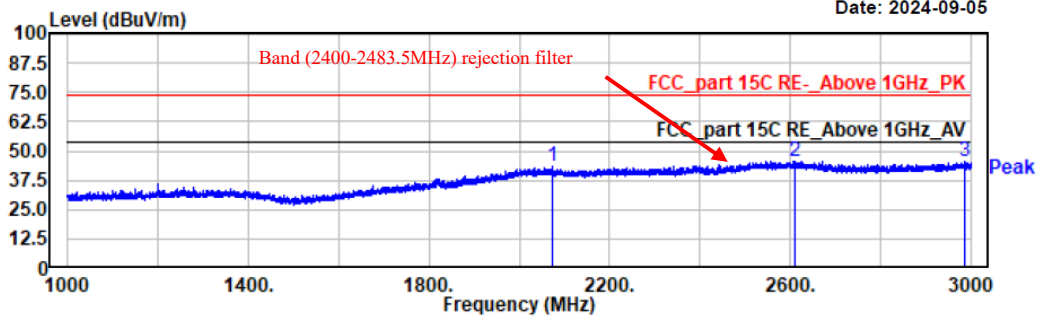
Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2050.60	48.74	-5.99	42.75	74.00	31.25	horizontal	Peak
2595.40	48.69	-3.31	45.38	74.00	28.62	horizontal	Peak
2983.40	49.13	-4.09	45.04	74.00	28.96	horizontal	Peak

Project No.: 2407V34489E-RF  
 Test Mode: 2DH1-2441  
 EUT Model: BR2551E  
 Test distance: 3m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz

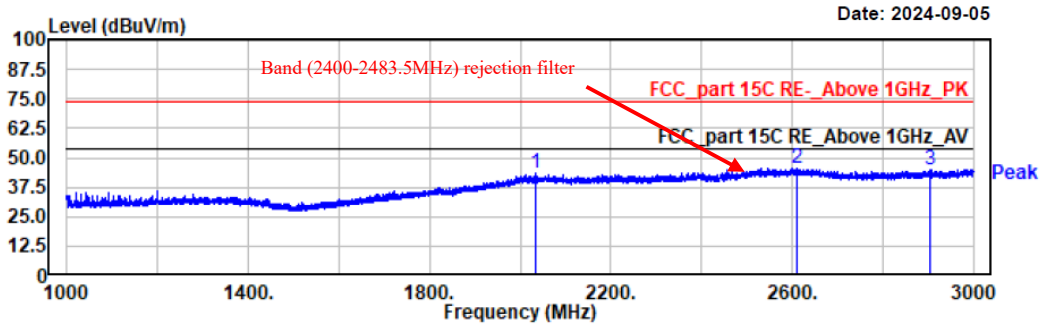


Date: 2024-09-05

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2074.00	49.82	-6.34	43.48	74.00	30.52	vertical	Peak
2608.80	49.08	-3.31	45.77	74.00	28.23	vertical	Peak
2986.20	49.69	-4.08	45.61	74.00	28.39	vertical	Peak

Project No.: 2407V34489E-RF  
 Test Mode: 2DH1-2480  
 EUT Model: BR2551E  
 Test distance: 3m

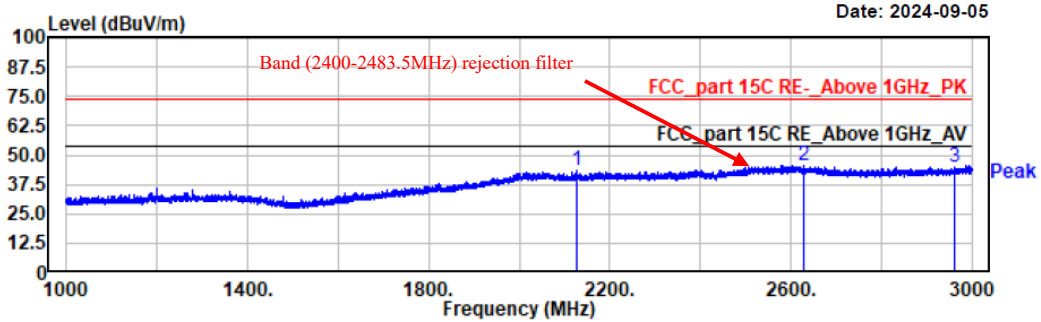
Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2033.40	49.40	-6.23	43.17	74.00	30.83	horizontal	Peak
2610.00	49.03	-3.31	45.72	74.00	28.28	horizontal	Peak
2905.00	49.01	-4.37	44.64	74.00	29.36	horizontal	Peak

Project No.: 2407V34489E-RF  
 Test Mode: 2DH1-2480  
 EUT Model: BR2551E  
 Test distance: 3m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz

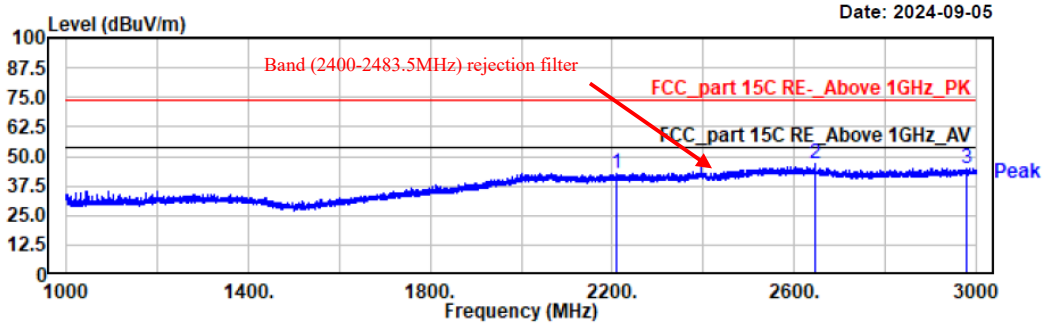


Date: 2024-09-05

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2127.40	50.07	-6.73	43.34	74.00	30.66	vertical	Peak
2629.20	49.18	-3.34	45.84	74.00	28.16	vertical	Peak
2962.80	48.84	-4.16	44.68	74.00	29.32	vertical	Peak

Project No.: 2407V34489E-RF  
 Test Mode: 3DH1-2402  
 EUT Model: BR2551E  
 Test distance: 3m

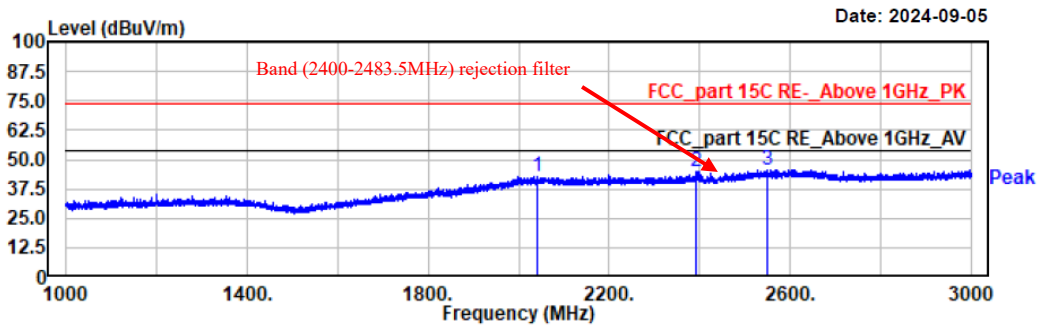
Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2208.60	48.86	-6.25	42.61	74.00	31.39	horizontal	Peak
2647.60	49.95	-3.37	46.58	74.00	27.42	horizontal	Peak
2980.00	49.21	-4.09	45.12	74.00	28.88	horizontal	Peak

Project No.: 2407V34489E-RF  
 Test Mode: 3DH1-2402  
 EUT Model: BR2551E  
 Test distance: 3m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz

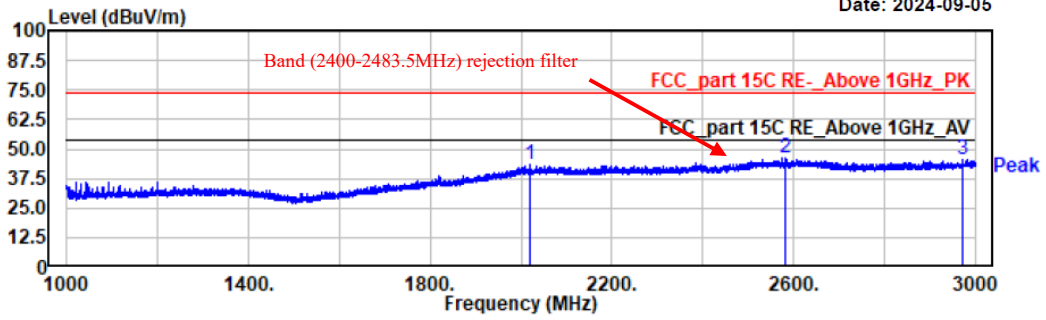


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2039.60	49.22	-6.15	43.07	74.00	30.93	vertical	Peak
2391.00	50.22	-5.31	44.91	74.00	29.09	vertical	Peak
2548.00	49.23	-3.50	45.73	74.00	28.27	vertical	Peak

Project No.: 2407V34489E-RF  
 Test Mode: 3DH1-2441  
 EUT Model: BR2551E  
 Test distance: 3m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz

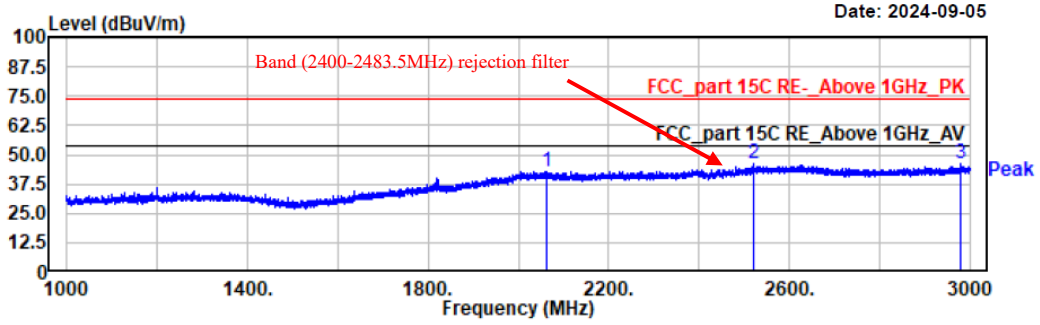
Date: 2024-09-05



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2019.20	49.77	-6.46	43.31	74.00	30.69	horizontal	Peak
2582.20	49.54	-3.36	46.18	74.00	27.82	horizontal	Peak
2972.60	49.49	-4.12	45.37	74.00	28.63	horizontal	Peak

Project No.: 2407V34489E-RF  
 Test Mode: 3DH1-2441  
 EUT Model: BR2551E  
 Test distance: 3m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz

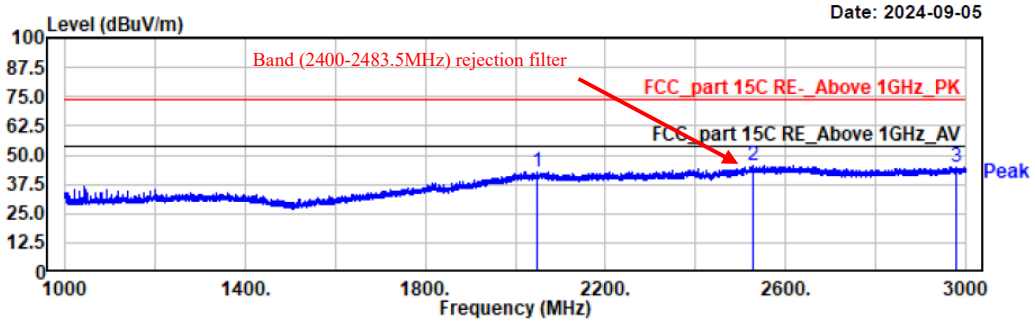


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2063.80	49.18	-6.19	42.99	74.00	31.01	vertical	Peak
2521.40	49.94	-3.85	46.09	74.00	27.91	vertical	Peak
2979.60	50.41	-4.09	46.32	74.00	27.68	vertical	Peak



Project No.: 2407V34489E-RF  
 Test Mode: 3DH1-2480  
 EUT Model: BR2551E  
 Test distance: 3m

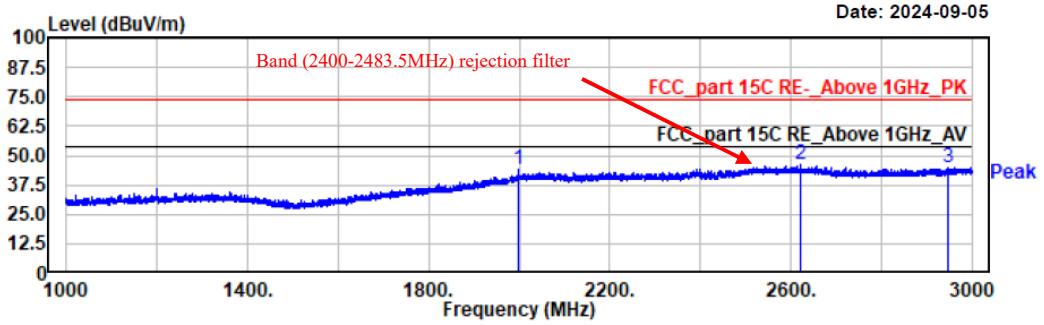
Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2048.20	48.76	-6.02	42.74	74.00	31.26	horizontal	Peak
2527.40	49.12	-3.78	45.34	74.00	28.66	horizontal	Peak
2977.60	49.20	-4.10	45.10	74.00	28.90	horizontal	Peak

Project No.: 2407V34489E-RF  
 Test Mode: 3DH1-2480  
 EUT Model: BR2551E  
 Test distance: 3m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz

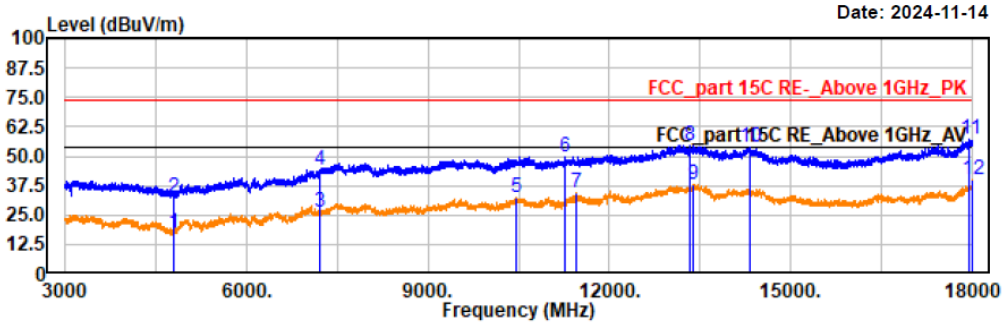


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1999.40	50.87	-6.77	44.10	74.00	29.90	vertical	Peak
2622.80	49.40	-3.34	46.06	74.00	27.94	vertical	Peak
2948.20	49.03	-4.22	44.81	74.00	29.19	vertical	Peak

4) 3 GHz-18GHz

Project No.: 2407V34489E-RF  
 Test Mode: 1DH1-2402  
 EUT Model: BR2551E  
 Test distance: 1.8m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz

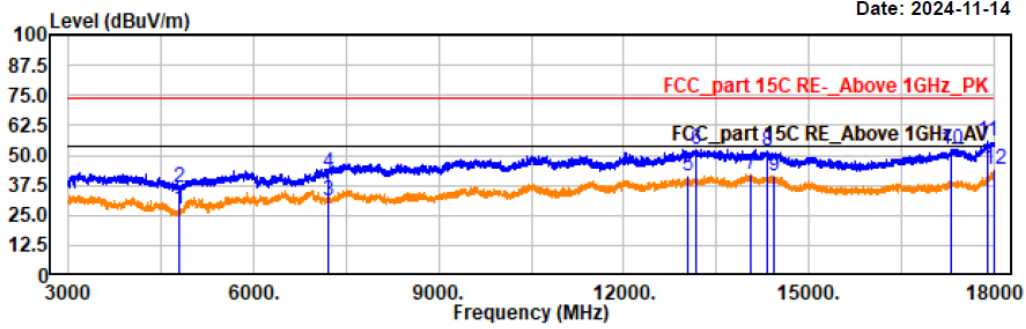


Trace: 1

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4804.50	36.71	-19.55	17.16	54.00	36.84	Horizontal	Average
4804.50	45.95	-13.55	32.40	74.00	41.60	Horizontal	Peak
7206.00	38.22	-12.03	26.19	54.00	27.81	Horizontal	Average
7206.00	49.83	-6.03	43.80	74.00	30.20	Horizontal	Peak
10461.00	39.17	-7.05	32.12	54.00	21.88	Horizontal	Average
11259.00	50.38	-0.40	49.98	74.00	24.02	Horizontal	Peak
11464.50	40.42	-6.22	34.20	54.00	19.80	Horizontal	Average
13330.50	50.63	3.74	54.37	74.00	19.63	Horizontal	Peak
13380.00	39.96	-2.01	37.95	54.00	16.05	Horizontal	Average
14320.50	50.41	3.23	53.64	74.00	20.36	Horizontal	Peak
17958.00	50.18	6.73	56.91	74.00	17.09	Horizontal	Peak
17998.50	39.03	0.99	40.02	54.00	13.98	Horizontal	Average

Project No.: 2407V34489E-RF  
 Test Mode: 1DH1-2402  
 EUT Model: BR2551E  
 Test distance: 1.8m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz

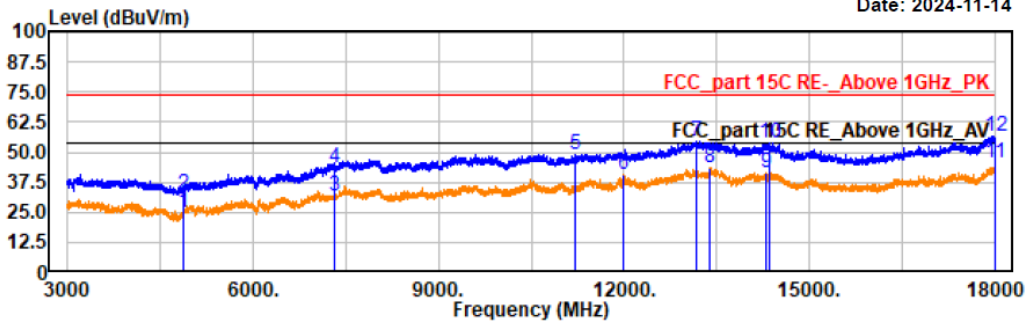


Trace: 1

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4804.50	41.26	-13.55	27.71	54.00	26.29	vertical	Average
4804.50	50.11	-13.55	36.56	74.00	37.44	vertical	Peak
7206.00	37.09	-6.03	31.06	54.00	22.94	vertical	Average
7206.00	48.54	-6.03	42.51	74.00	31.49	vertical	Peak
13042.50	36.96	4.43	41.39	54.00	12.61	vertical	Average
13170.00	48.24	4.19	52.43	74.00	21.57	vertical	Peak
14065.50	39.59	2.38	41.97	54.00	12.03	vertical	Average
14328.00	48.79	3.19	51.98	74.00	22.02	vertical	Peak
14428.50	38.90	2.71	41.61	54.00	12.39	vertical	Average
17311.50	49.82	2.76	52.58	74.00	21.42	vertical	Peak
17898.00	49.54	6.32	55.86	74.00	18.14	vertical	Peak
17998.50	36.98	6.99	43.97	54.00	10.03	vertical	Average

Project No.: 2407V34489E-RF  
 Test Mode: 1DH1-2441  
 EUT Model: BR2551E  
 Test distance: 1.8m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz



Date: 2024-11-14

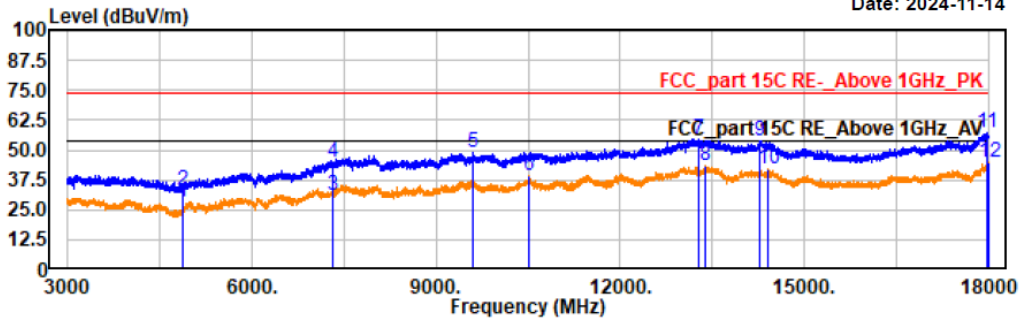
Trace: 1

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4882.50	37.50	-12.49	25.01	54.00	28.99	Horizontal	Average
4882.50	45.00	-12.49	32.51	74.00	41.49	horizontal	Peak
7323.00	37.19	-5.62	31.57	54.00	22.43	Horizontal	Average
7323.00	49.19	-5.62	43.57	74.00	30.43	horizontal	Peak
11200.50	49.80	-0.58	49.22	74.00	24.78	horizontal	Peak
11998.50	39.40	0.95	40.35	54.00	13.65	Horizontal	Average
13167.00	50.01	4.19	54.20	74.00	19.80	horizontal	Peak
13384.50	39.33	4.03	43.36	54.00	10.64	Horizontal	Average
14301.00	38.04	3.35	41.39	54.00	12.61	Horizontal	Average
14358.00	50.80	3.00	53.80	74.00	20.20	horizontal	Peak
17998.50	38.28	6.99	45.27	54.00	8.73	Horizontal	Average
17999.00	49.72	7.00	56.72	74.00	17.28	horizontal	Peak

Project No.: 2407V34489E-RF  
 Test Mode: 1DH1-2441  
 EUT Model: BR2551E  
 Test distance: 1.8m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz

Date: 2024-11-14



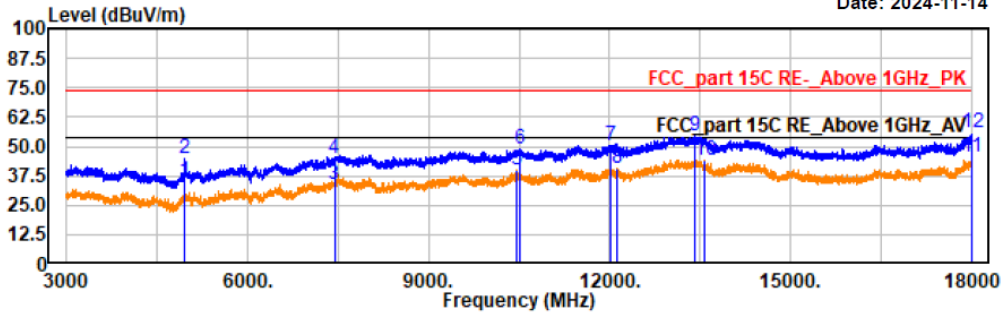
Trace: 1

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4882.50	40.61	-12.49	28.12	54.00	25.88	Vertical	Average
4882.50	45.64	-12.49	33.15	74.00	40.85	vertical	Peak
7323.00	36.67	-5.62	31.05	54.00	22.95	Vertical	Average
7323.00	50.76	-5.62	45.14	74.00	28.86	vertical	Peak
9600.00	50.29	-1.59	48.70	74.00	25.30	vertical	Peak
10525.50	39.80	-0.82	38.98	54.00	15.02	Vertical	Average
13291.50	51.11	3.63	54.74	74.00	19.26	vertical	Peak
13387.50	39.17	4.04	43.21	54.00	10.79	Vertical	Average
14262.00	50.60	2.99	53.59	74.00	20.41	vertical	Peak
14406.00	39.61	2.73	42.34	54.00	11.66	Vertical	Average
17968.50	50.39	6.79	57.18	74.00	16.82	vertical	Peak
17998.50	38.16	6.99	45.15	54.00	8.85	Vertical	Average

Project No.: 2407V34489E-RF  
 Test Mode: 1DH1-2480  
 EUT Model: BR2551E  
 Test distance: 1.8m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz

Date: 2024-11-14



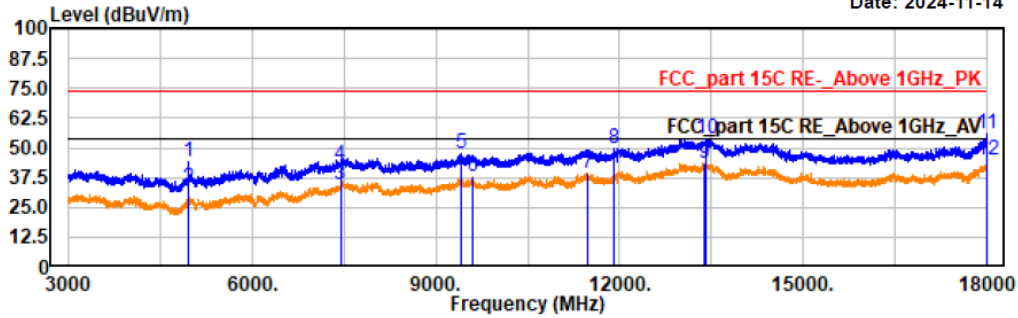
Trace: 1

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4960.50	46.78	-11.64	35.14	54.00	18.86	horizontal	Average
4960.50	56.47	-11.64	44.83	74.00	29.17	horizontal	Peak
7440.00	38.27	-4.76	33.51	54.00	20.49	horizontal	Average
7440.00	49.37	-4.76	44.61	74.00	29.39	horizontal	Peak
10458.00	40.97	-1.08	39.89	54.00	14.11	horizontal	Average
10510.50	49.58	-0.76	48.82	74.00	25.18	horizontal	Peak
12018.00	49.51	0.92	50.43	74.00	23.57	horizontal	Peak
12117.00	39.60	0.77	40.37	54.00	13.63	horizontal	Average
13411.50	50.21	4.10	54.31	74.00	19.69	horizontal	Peak
13570.50	40.53	3.68	44.21	54.00	9.79	horizontal	Average
17997.00	38.63	6.98	45.61	54.00	8.39	horizontal	Average
17999.00	49.16	7.00	56.16	74.00	17.84	horizontal	Peak

Project No.: 2407V34489E-RF  
 Test Mode: 1DH1-2480  
 EUT Model: BR2551E  
 Test distance: 1.8m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz

Date: 2024-11-14



Trace: 1

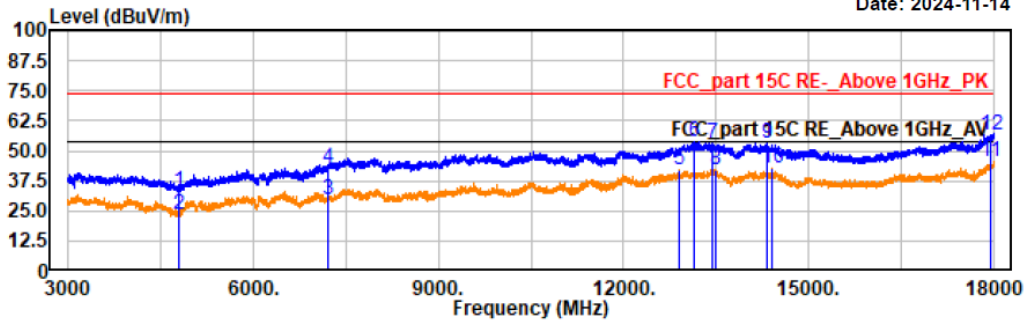
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4959.00	55.63	-11.64	43.99	74.00	30.01	vertical	Peak
4960.50	44.63	-11.64	32.99	54.00	21.01	vertical	Average
7440.00	39.09	-4.76	34.33	54.00	19.67	vertical	Average
7440.00	47.62	-4.76	42.86	74.00	31.14	vertical	Peak
9408.00	49.43	-2.03	47.40	74.00	26.60	vertical	Peak
9589.50	39.76	-1.76	38.00	54.00	16.00	vertical	Average
11488.50	39.34	-0.17	39.17	54.00	14.83	vertical	Average
11914.50	49.11	0.59	49.70	74.00	24.30	vertical	Peak
13386.00	39.56	4.03	43.59	54.00	10.41	vertical	Average
13408.50	49.57	4.11	53.68	74.00	20.32	vertical	Peak
17997.00	49.21	6.98	56.19	74.00	17.81	vertical	Peak
17998.50	37.99	6.99	44.98	54.00	9.02	vertical	Average



Project No.: 2407V34489E-RF  
 Test Mode: 2DH1-2402  
 EUT Model: BR2551E  
 Test distance: 1.8m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz

Date: 2024-11-14



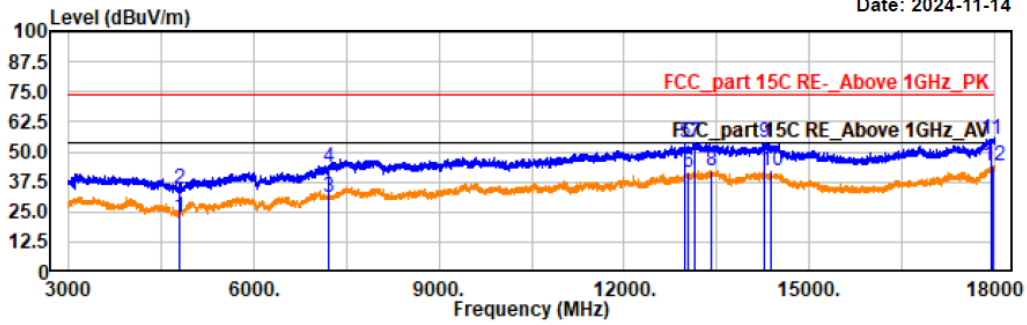
Trace: 1

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4804.00	46.84	-13.55	33.29	74.00	40.71	horizontal	Peak
4804.50	37.23	-13.55	23.68	54.00	30.32	Horizontal	Average
7206.00	35.85	-6.03	29.82	54.00	24.18	Horizontal	Average
7206.00	48.72	-6.03	42.69	74.00	31.31	horizontal	Peak
12913.50	38.34	3.85	42.19	54.00	11.81	Horizontal	Average
13149.00	49.52	4.18	53.70	74.00	20.30	horizontal	Peak
13434.00	49.08	4.07	53.15	74.00	20.85	horizontal	Peak
13503.00	37.94	4.03	41.97	54.00	12.03	Horizontal	Average
14334.00	49.89	3.15	53.04	74.00	20.96	horizontal	Peak
14398.50	39.66	2.76	42.42	54.00	11.58	Horizontal	Average
17953.50	38.63	6.69	45.32	54.00	8.68	Horizontal	Average
17956.50	50.11	6.72	56.83	74.00	17.17	horizontal	Peak

Project No.: 2407V34489E-RF  
 Test Mode: 2DH1-2402  
 EUT Model: BR2551E  
 Test distance: 1.8m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz

Date: 2024-11-14

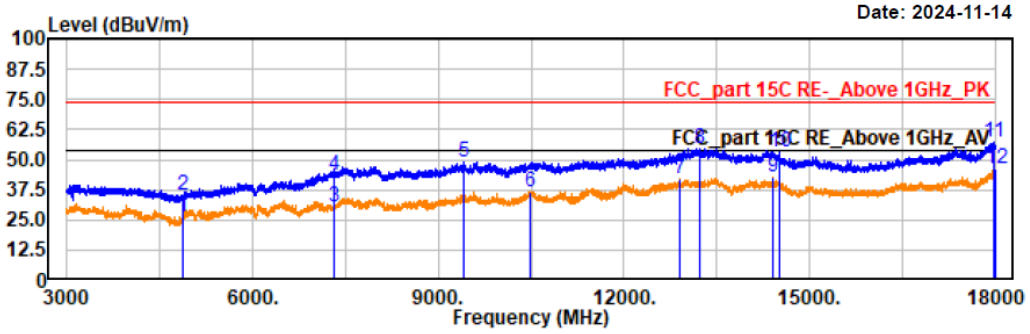


Trace: 1

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4804.50	36.49	-13.55	22.94	54.00	31.06	Vertical	Average
4804.50	47.99	-13.55	34.44	74.00	39.56	vertical	Peak
7206.00	37.22	-6.03	31.19	54.00	22.81	Vertical	Average
7206.00	49.76	-6.03	43.73	74.00	30.27	vertical	Peak
12978.00	49.00	4.46	53.46	74.00	20.54	vertical	Peak
13044.00	37.16	4.42	41.58	54.00	12.42	Vertical	Average
13144.50	49.80	4.16	53.96	74.00	20.04	vertical	Peak
13423.50	38.16	4.09	42.25	54.00	11.75	Vertical	Average
14275.50	50.75	3.12	53.87	74.00	20.13	vertical	Peak
14380.50	38.95	2.86	41.81	54.00	12.19	Vertical	Average
17952.00	48.44	6.68	55.12	74.00	18.88	vertical	Peak
17973.00	37.40	6.83	44.23	54.00	9.77	Vertical	Average

Project No.: 2407V34489E-RF  
 Test Mode: 2DH1-2441  
 EUT Model: BR2551E  
 Test distance: 1.8m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz



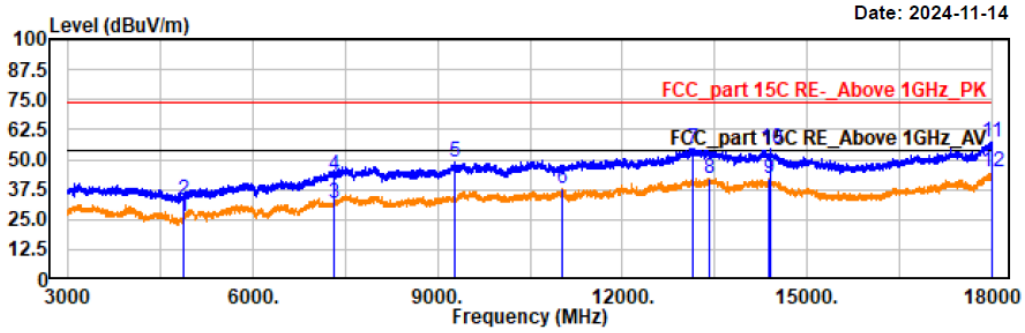
Date: 2024-11-14

Trace: 1

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4882.50	38.91	-12.49	26.42	54.00	27.58	Horizontal	Average
4882.50	47.64	-12.49	35.15	74.00	38.85	horizontal	Peak
7323.00	35.67	-5.62	30.05	54.00	23.95	Horizontal	Average
7323.00	49.32	-5.62	43.70	74.00	30.30	horizontal	Peak
9405.00	50.97	-2.00	48.97	74.00	25.03	horizontal	Peak
10497.00	37.58	-0.75	36.83	54.00	17.17	Horizontal	Average
12913.50	38.34	3.85	42.19	54.00	11.81	Horizontal	Average
13231.50	50.78	4.03	54.81	74.00	19.19	horizontal	Peak
14398.50	39.66	2.76	42.42	54.00	11.58	Horizontal	Average
14512.50	50.51	2.44	52.95	74.00	21.05	horizontal	Peak
17977.50	50.37	6.85	57.22	74.00	16.78	horizontal	Peak
17999.00	38.97	7.00	45.97	54.00	8.03	Horizontal	Average

Project No.: 2407V34489E-RF  
 Test Mode: 2DH1-2441  
 EUT Model: BR2551E  
 Test distance: 1.8m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz



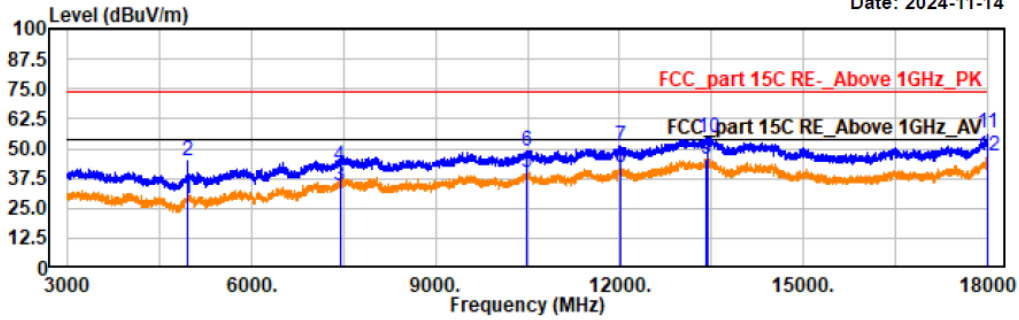
Trace: 1

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4882.50	38.67	-12.49	26.18	54.00	27.82	Vertical	Average
4882.50	45.85	-12.49	33.36	74.00	40.64	vertical	Peak
7323.00	37.52	-5.62	31.90	54.00	22.10	Vertical	Average
7323.00	48.93	-5.62	43.31	74.00	30.69	vertical	Peak
9285.00	51.79	-3.07	48.72	74.00	25.28	vertical	Peak
11014.50	39.15	-1.27	37.88	54.00	16.12	Vertical	Average
13155.00	50.56	4.18	54.74	74.00	19.26	vertical	Peak
13423.50	38.16	4.09	42.25	54.00	11.75	Vertical	Average
14380.50	38.95	2.86	41.81	54.00	12.19	Vertical	Average
14412.00	51.44	2.73	54.17	74.00	19.83	vertical	Peak
17994.00	50.40	6.96	57.36	74.00	16.64	vertical	Peak
17999.00	37.73	7.00	44.73	54.00	9.27	Vertical	Average

Project No.: 2407V34489E-RF  
 Test Mode: 2DH1-2480  
 EUT Model: BR2551E  
 Test distance: 1.8m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz

Date: 2024-11-14

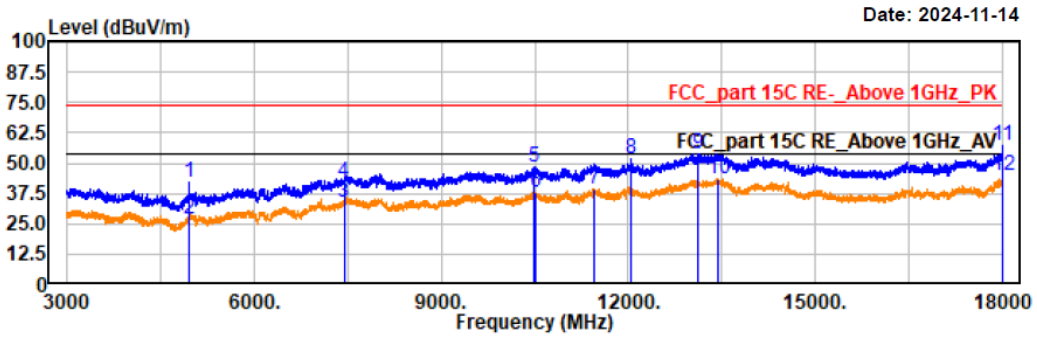


Trace: 1

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4960.50	40.61	-11.64	28.97	54.00	25.03	horizontal	Average
4960.50	56.13	-11.64	44.49	74.00	29.51	horizontal	Peak
7440.00	39.27	-4.76	34.51	54.00	19.49	horizontal	Average
7440.00	47.85	-4.76	43.09	74.00	30.91	horizontal	Peak
10491.00	40.85	-0.81	40.04	54.00	13.96	horizontal	Average
10494.00	49.97	-0.78	49.19	74.00	24.81	horizontal	Peak
12007.50	49.87	0.94	50.81	74.00	23.19	horizontal	Peak
12009.00	40.90	0.93	41.83	54.00	12.17	horizontal	Average
13413.00	41.62	4.10	45.72	54.00	8.28	horizontal	Average
13453.50	50.39	4.06	54.45	74.00	19.55	horizontal	Peak
17998.50	49.72	6.99	56.71	74.00	17.29	horizontal	Peak
17999.00	40.04	7.00	47.04	54.00	6.96	horizontal	Average

Project No.: 2407V34489E-RF  
 Test Mode: 2DH1-2480  
 EUT Model: BR2551E  
 Test distance: 1.8m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz

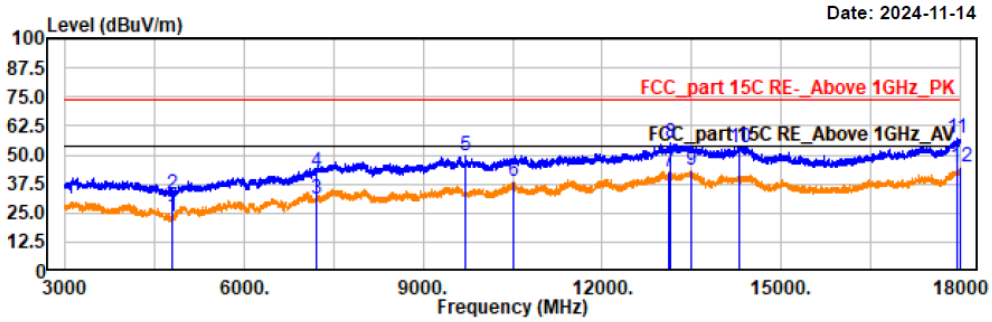


Trace: 1

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4959.00	51.74	-9.49	42.25	74.00	31.75	vertical	Peak
4960.50	38.51	-11.64	26.87	54.00	27.13	vertical	Average
7440.00	38.47	-4.76	33.71	54.00	20.29	vertical	Average
7440.00	44.05	-2.07	41.98	74.00	32.02	vertical	Peak
10495.50	46.07	2.18	48.25	74.00	25.75	vertical	Peak
10501.50	38.96	-0.74	38.22	54.00	15.78	vertical	Average
11463.00	39.79	-0.22	39.57	54.00	14.43	vertical	Average
12057.00	47.51	4.09	51.60	74.00	22.40	vertical	Peak
13117.50	46.00	7.81	53.81	74.00	20.19	vertical	Peak
13452.00	39.29	4.07	43.36	54.00	10.64	vertical	Average
17997.00	45.91	11.04	56.95	74.00	17.05	vertical	Peak
17998.50	38.12	6.99	45.11	54.00	8.89	vertical	Average

Project No.: 2407V34489E-RF  
 Test Mode: 3DH1-2402  
 EUT Model: BR2551E  
 Test distance: 1.8m

Temp/Humi/ATM: 23.6°C/53%/100.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC120V/60Hz



Date: 2024-11-14

Trace: 1

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4804.50	36.95	-13.55	23.40	54.00	30.60	Horizontal	Average
4804.50	46.64	-13.55	33.09	74.00	40.91	horizontal	Peak
7206.00	37.30	-6.03	31.27	54.00	22.73	Horizontal	Average
7206.00	48.64	-6.03	42.61	74.00	31.39	horizontal	Peak
9702.00	51.79	-2.25	49.54	74.00	24.46	horizontal	Peak
10506.00	39.20	-0.74	38.46	54.00	15.54	Horizontal	Average
13117.50	38.63	4.12	42.75	54.00	11.25	Horizontal	Average
13141.50	51.00	4.15	55.15	74.00	18.85	horizontal	Peak
13482.00	39.31	4.05	43.36	54.00	10.64	Horizontal	Average
14290.50	50.03	3.28	53.31	74.00	20.69	horizontal	Peak
17941.50	50.77	6.62	57.39	74.00	16.61	horizontal	Peak
17998.50	37.66	6.99	44.65	54.00	9.35	Horizontal	Average