FCC PART 15B

TEST REPORT

For

Quanzhou Binte Electronic Technology Co., Ltd.

No. 1 Industrial Road, Chengbei Industrial Zone, Luocheng Town, Hui'an County, Quanzhou City, Fujian Province, China

FCC ID: 2BN9A-BT11

Report Type:	**Product Name:**
Original Report	FM Mobile Radio

Report Number:	2507Y01139E-EM-01
Report Date:	2025-11-28
Reviewed By:	Ash Lin
Approved By:	Miles Chen
Prepared By:	Bay Area Compliance Laboratories Corp. (Xiamen) Unit 102, No. 902 Meifeng South Road, Binhai West Avenue, Science and Technology Innovation Park, Torch High tech Zone XiaMen Tel: +86-592-3200111 www.baclcorp.com.cn

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REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	2507Y01139E-EM-01	R1V1	2025-11-28	Initial Release

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Applicant:		Quanzhou Binte Electronic Technology Co., Ltd.
Product Name:		FM Mobile Radio
Tested Model:		BT11
Multiple Model(s):		BJ-7800, BT-7700, BJ-7700, RT-910, RT-910B, H28Y, BT-7700PRO, HI-E380, RT-920
Trade mark:		BINTERADIO, BINTOLK, BAJETON, radtel, SHJ , HIROYASU
Power Supply:		DC 7.4V from battery or DC 5V from adapter or DC 8.7V from charger
Adapter information:	Model:	GAUSC00500100WA
	Input:	AC 100-240V, 50/60Hz, 0.3A Max
	Output:	DC 5V, 1.0A, 5.0W
Charger information:	Input:	DC 5V, 1A
	Output:	DC 8.7V, 0.5A
★Highest Operating Frequency:		520 MHz
EUT Receive Status:		Good

Note:
1. The highest operating frequency is provided by the applicant.
2. The test model is identify with the series model except for the model name, outer speaker enclosure, button and trade mark, please refer to declaration letter for more detail.

Tested Model	Series Model	Difference
BT11	BJ-7800, HI-E380	Model name and trade name.
	RT-920	Model name, trade name, outer speaker enclosure and button
	RT-910, RT-910B	Model name, trade name, outer speaker enclosure and button
	BT-7700, BJ-7700, BT-7700PRO, H28Y	Model name, trade name, outer speaker enclosure and button

Base on the differences, we chose the models BT11, BT-7700, RT-910 and RT-920 for full test of the Conducted Emission and Radiated Emission (Below 1GHz).
3. All measurement and test data in this report was gathered from production sample serial number: 3BAC-2 (BT11), 3BAA-9 (BT-7700), 3BAA-13 (RT-910), 3BAA-7 (RT-920) (Assigned by the BACL (Xiamen). The EUT was received on 2025-10-14).

Objective

This report is prepared for *Quanzhou Binte Electronic Technology Co., Ltd.* in accordance with Part 2-Subpart J, and Part 15-Subparts A and B of the Federal Communication Commission's rules.

Test Facility

The test site used by Bay Area Compliance Laboratories Corp. (Xiamen) to collect test data is located on 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

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the product as specified in CISPR 16-4-2. This uncertainty represents expanded uncertainty expressed at 95% confidence level using a coverage factor of k=2.

$$u_c(y) = \sqrt{\sum_i c_i^2 \; u^2(x_i)}$$

Item	Frequency Range	U_{lab} = 2 u_c (y) (Confidence of 95%)
Conducted Emission	150kHz-30MHz	2.45dB
Radiated Emission	30MHz~200MHz	3.47dB
	200MHz~1GHz	4.86dB
	1GHz~6GHz	4.88dB
Unwanted Emissions, conducted		2.92dB
Humidity		5%
Temperature		1℃

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: Charging & Scanning Test Mode 2: Charging & Scanning Test Mode 3: Charging & Receiving Test Mode 4: Charging & Receiving
Test voltage:	Test Mode 1&3: DC 5V from adapter (AC 120V/60Hz) Test Mode 2&4: DC 8.7V from charger (AC 120V/60Hz)

Description of Test Configuration

Operation Modes	Operation Frequency Range (MHz)	Test Frequency (MHz)
Scanning	136-174 400-520	136-174 400-520
VHF Receiving	136-174	136.0125, 155, 173.9875
UHF Receiving	400-520	400.0125, 460, 519.9875

EUT Exercise Software

No exercise software was used to test.

Special Accessories

No special accessory was used.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
HP	RF Communications test set	8920A	3524A07202
Unknown	Antenna	Unknown	Unknown

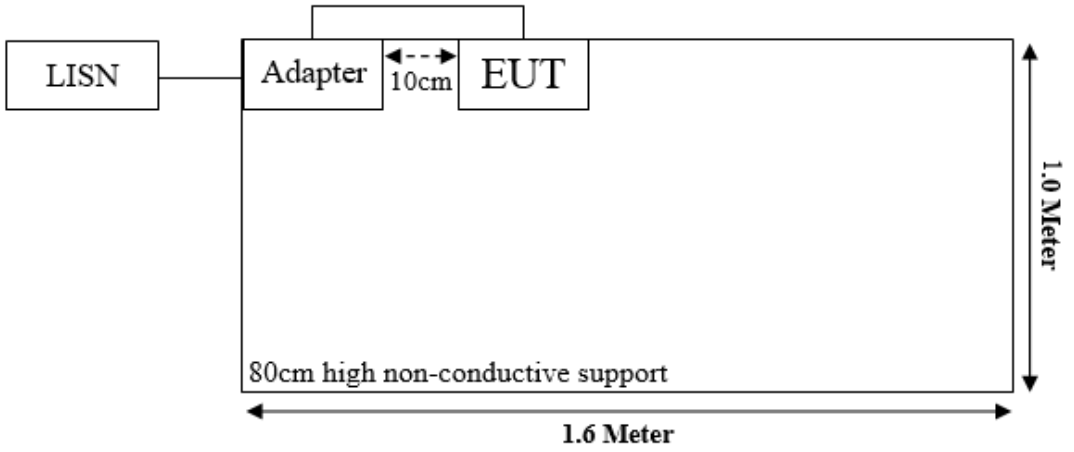
External I/O Cable

Cable Description	Length (m)	From Port	To Port
Antenna Cable	3.0	8920A	Antenna

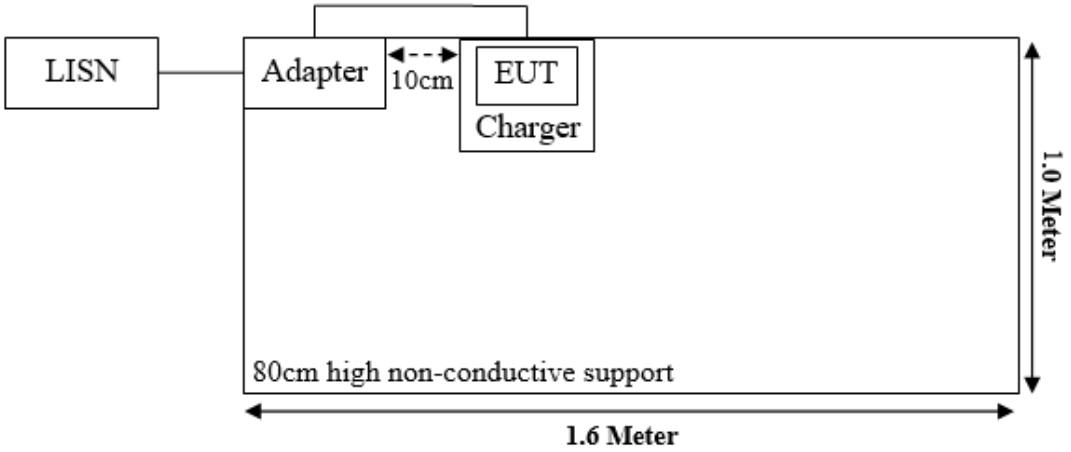
Block Diagram of Test Setup

Conducted Emission:

Test Mode 1:



Test Mode 2:



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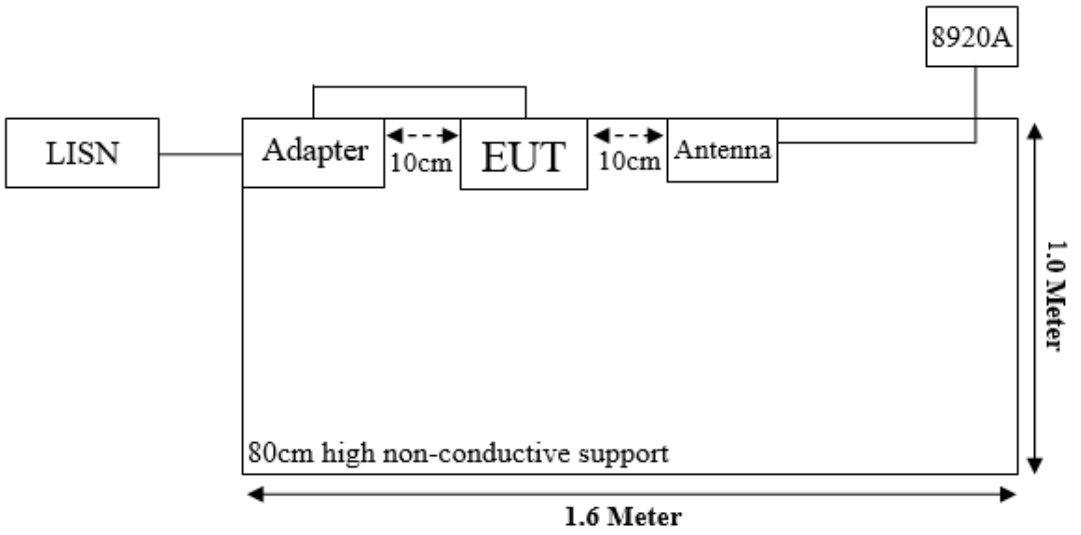

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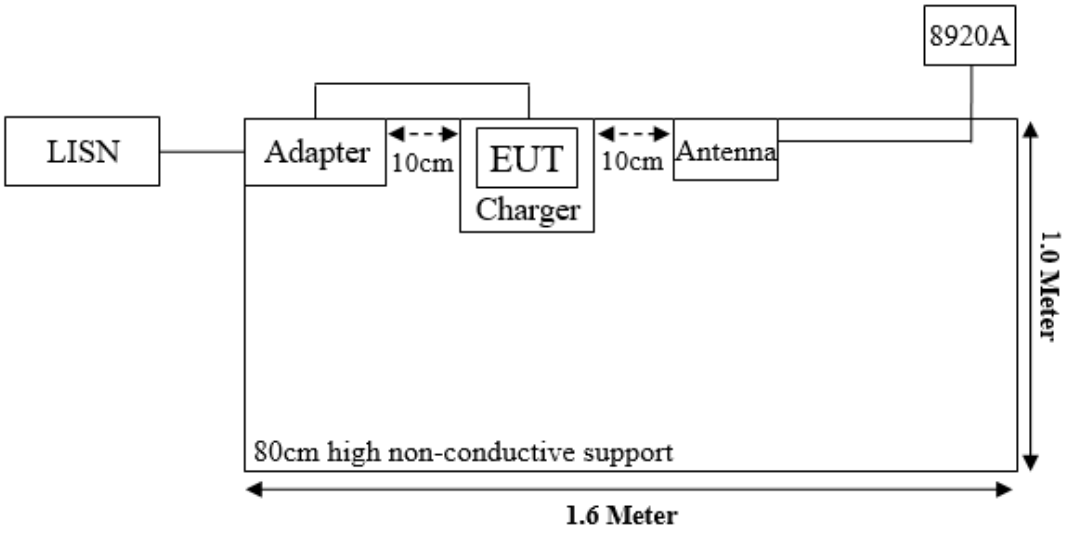
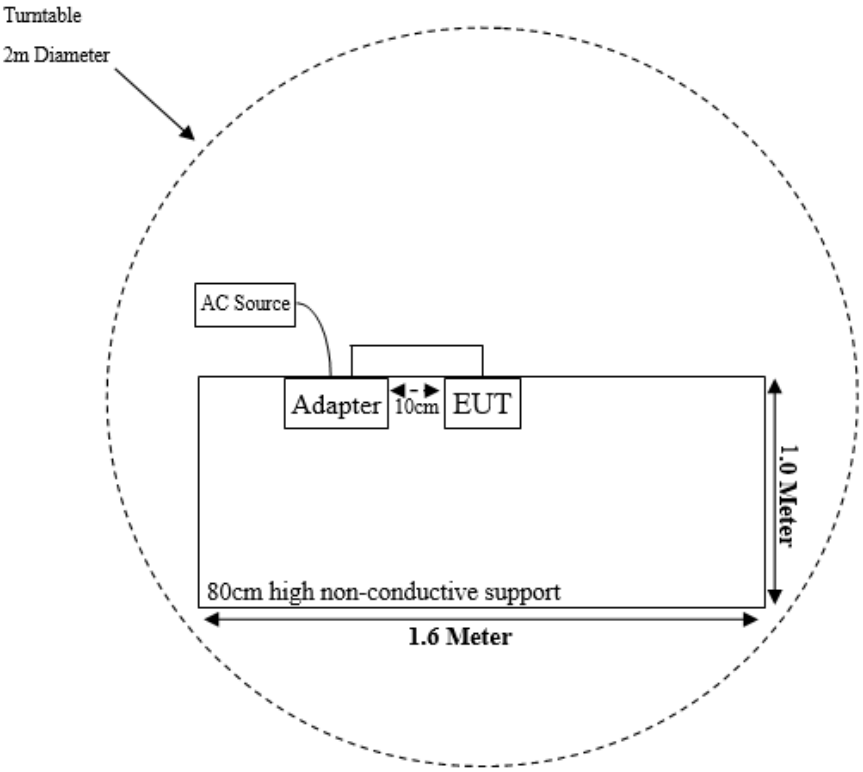


Radiated Emission:

Test Mode 1:



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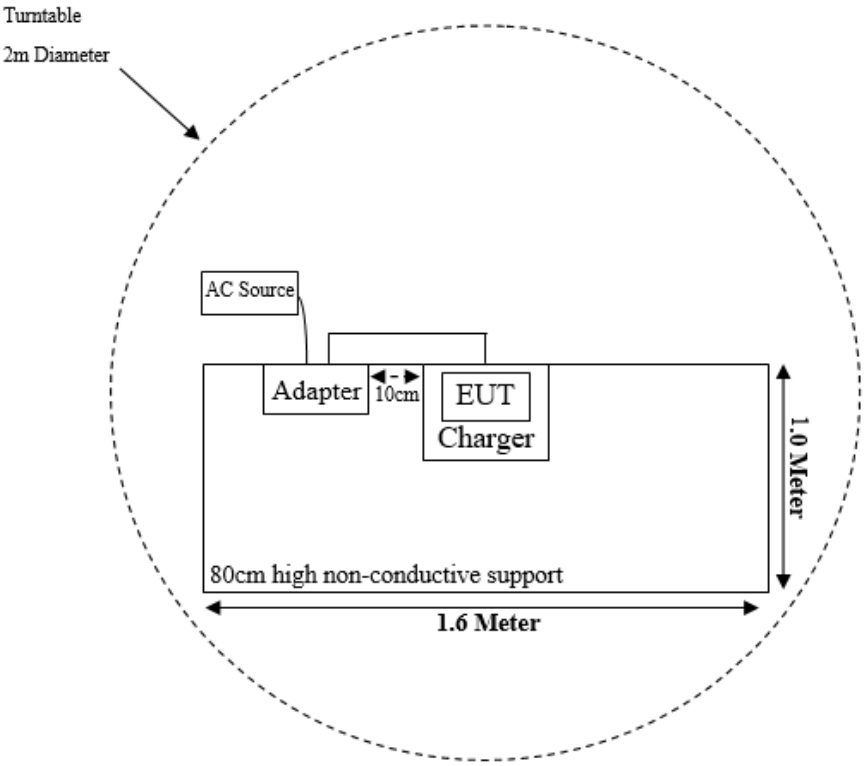

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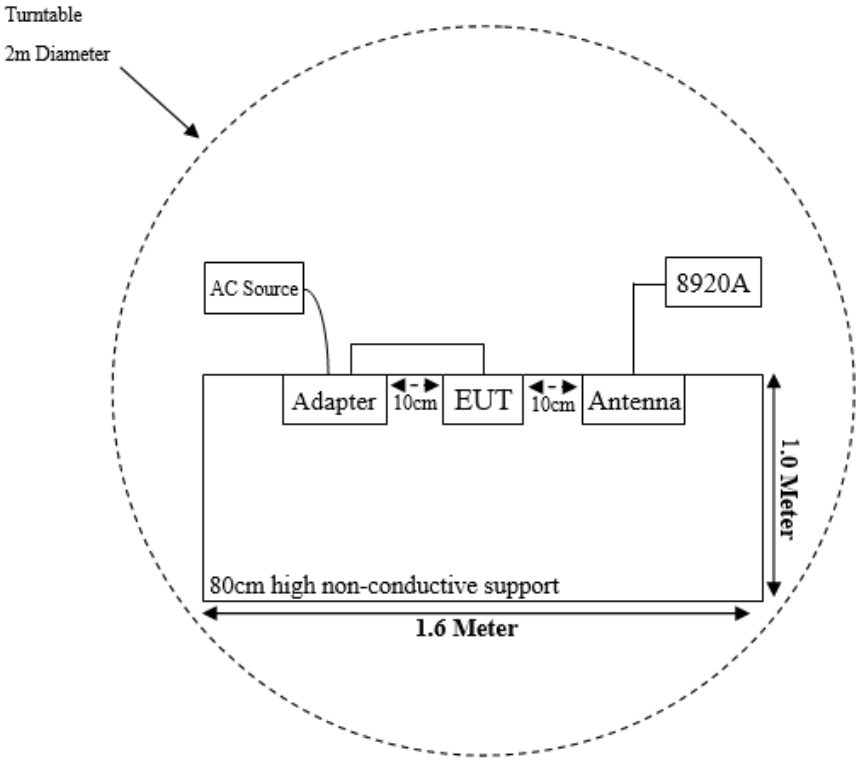

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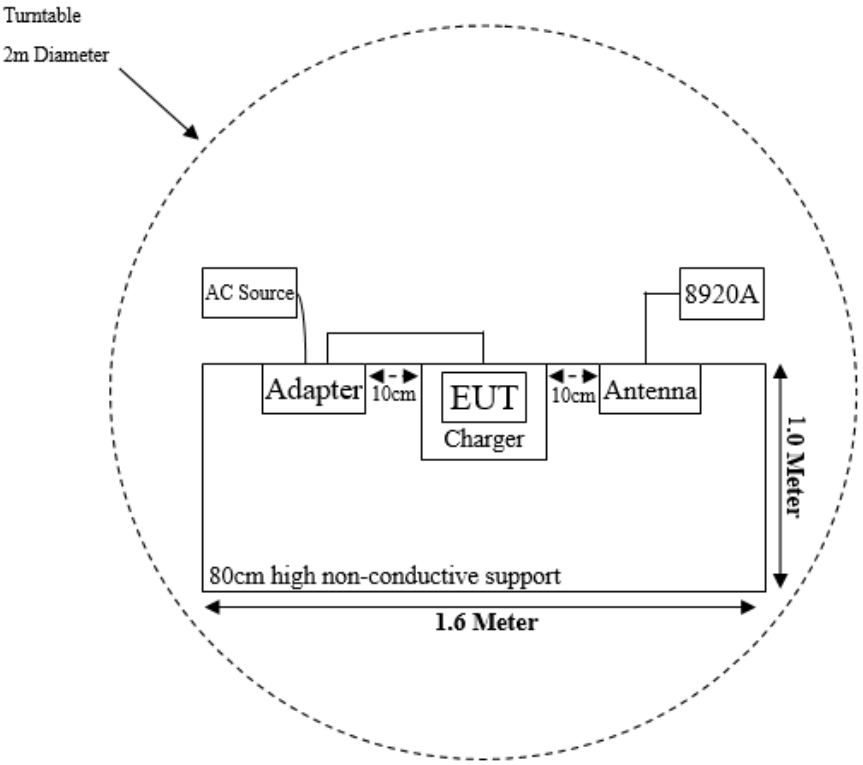


SUMMARY OF TEST RESULTS

Rule Part	Description of Test	Results
FCC§15.107	Conducted Emission	Compliant
FCC§15.109	Radiated Emission	Compliant
FCC §15.121(b)	Scanning receivers and frequency converters used with scanning receivers	Compliant

TEST EQUIPMENT LIST

Test Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due Date
Conducted Emission					
EMI Test Receiver	Rohde & Schwarz	ESR	103105	2025/02/20	2026/02/19
LISN	Rohde & Schwarz	ENV216	100129	2025/02/20	2026/02/19
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	0357.8810.54	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH400T-N-4M	CC001	2025/02/20	2026/02/19
Test Software	Audix	E3	18621a	N/A	N/A
Radiated Emission 30 MHz to 1 GHz					
EMI Test Receiver	Rohde & Schwarz	ESR	103103	2025/02/20	2026/02/19
Antenna	Sunol Sciences	JB6	A122022-5	2023/07/27	2026/07/26
Amplifier	Sonoma	310B	120903	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH400T-N-4M	CC002	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH460B-N-2M	CC006	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH460B-N-12M	CC007	2025/02/20	2026/02/19
Test Software	Audix	E3	18621a	N/A	N/A
Radiated Emission Above 1 GHz					
Spectrum Analyzer	Rohde & Schwarz	FSU	100405	2025/02/20	2026/02/19
Horn Antenna	EMCO	3115	9002-3355	2024/11/19	2027/11/18
Preamplifier	GLOBAL	1313-A100M18G	4121301	2025/01/16	2026/01/15
Coaxial Cable	XINHANGWEIBO	XH800A-N-6M	CC003	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH800A-N-1M	CC005	2025/02/20	2026/02/19
Test Software	Audix	E3	18621a	N/A	N/A
Scanning Receiver					
Coaxial Cable	WEIHE	WH316	RFCC002	Each time	Each time
RF Communications test set	HP	8920A	3524A07202	2025/04/13	2026/04/12
Power Splitter	narda	4426LB-2	1661	Each time	Each time
Microwave Analog Signal Generator	Agilent	N5181A	MY48180319	2025/2/20	2026/2/19
Attenuator	Electronic Corporation	30-WA-FFN-30	1172435	2025/2/20	2026/2/19

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).

FCC §15.107 - CONDUCTED EMISSION

Applicable Standard

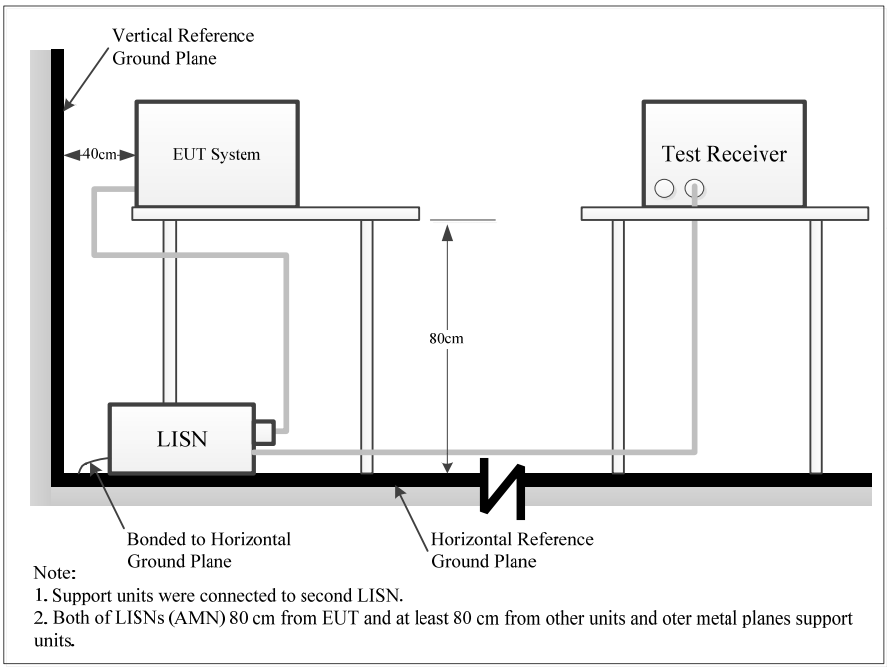
FCC §15.107

(a) Except for Class A digital devices, for equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μH/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the band edges.

Frequency of emission (MHz)	Conducted limit (dBμV)	
	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 System Setup



Note:
1. Support units were connected to second LISN.
2. Both of LISNs (AMN) 80 cm from EUT and at least 80 cm from other units and oter metal planes support units.

The measurement procedure of test setup is according with ANSI C63.4-2014. The related limit was specified in FCC Part 15.107 Class B limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

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	IF B/W
150 kHz – 30 MHz	9 kHz

Test Procedure

The frequency and amplitude of the six highest ac power-line conducted emissions relative to the limit, measured over all the current-carrying conductors of the EUT power cords, and the operating frequency or frequency to which the EUT is tuned (if appropriate), should be reported, unless such emissions are more than 20 dB below the limit. AC power-line conducted emissions measurements are to be separately carried out only on each of the phase ("hot") line(s) and (if used) on the neutral line(s), but not on the ground [protective earth] line(s). If less than six emission frequencies are within 20 dB of the limit, then the noise level of the measuring instrument at representative frequencies should be reported. The specific conductor of the power-line cord for each of the reported emissions should be identified. Measure the six highest emissions with respect to the limit on each current-carrying conductor of each power cord associated with the EUT (but not the power cords of associated or peripheral equipment that are part of the test configuration). Then, report the six highest emissions with respect to the limit from among all the measurements identifying the frequency and specific current carrying conductor identified with the emission. The six highest emissions should be reported for each of the current-carrying conductors, or the six highest emissions may be reported over all the current-carrying conductors.

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 (dBµV) = Reading (dBµV) + 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:

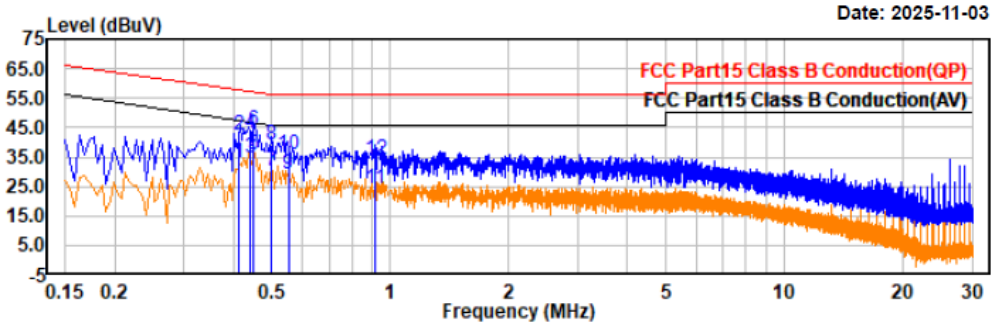
Margin (dB) = Limit (dBµV) –Result (dBµV)

Test Data (Worst case)

Model: BT11

Project No.: 2507Y01139E-EM
Test Mode: Mode 1(400-520MHz)
EUT Model: BT11

Temp/Humi/ATM: 23.5℃/42%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter (AC 120V/60Hz)

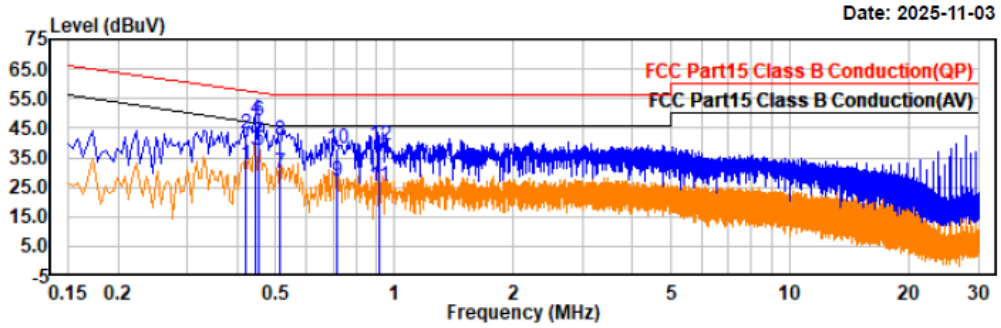


Trace: 1
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.414	12.71	20.49	33.20	47.57	14.37	Line	Average
0.414	21.89	20.49	42.38	57.57	15.19	Line	QP
0.442	14.23	20.47	34.70	47.03	12.33	Line	Average
0.442	22.77	20.47	43.24	57.03	13.79	Line	QP
0.450	15.27	20.47	35.74	46.87	11.13	Line	Average
0.450	23.51	20.47	43.98	56.87	12.89	Line	QP
0.500	9.74	20.44	30.18	46.01	15.83	Line	Average
0.500	18.61	20.44	39.05	56.01	16.96	Line	QP
0.552	8.53	20.46	28.99	46.00	17.01	Line	Average
0.552	15.59	20.46	36.05	56.00	19.95	Line	QP
0.916	3.70	20.50	24.20	46.00	21.80	Line	Average
0.916	13.81	20.50	34.31	56.00	21.69	Line	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 1(400-520MHz)
EUT Model: BT11

Temp/Humi/ATM: 23.5℃/42%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter (AC 120V/60Hz)

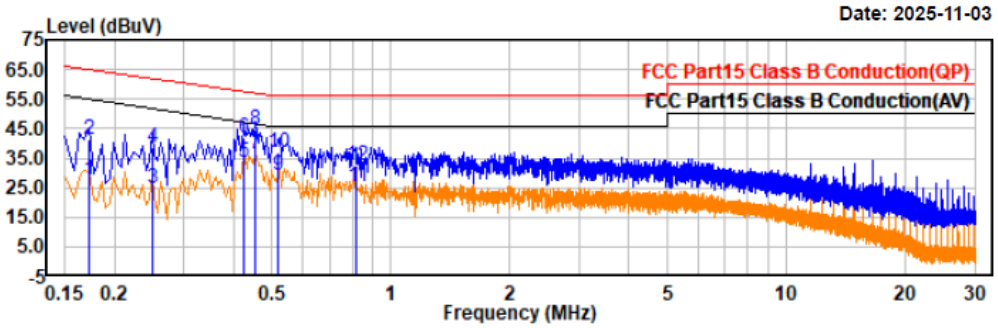


Trace: 1
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.419	12.10	20.46	32.56	47.46	14.90	Neutral	Average
0.419	22.53	20.46	42.99	57.46	14.47	Neutral	QP
0.448	17.01	20.43	37.44	46.92	9.48	Neutral	Average
0.448	27.27	20.43	47.70	56.92	9.22	Neutral	QP
0.453	17.29	20.43	37.72	46.82	9.10	Neutral	Average
0.453	27.07	20.43	47.50	56.82	9.32	Neutral	QP
0.514	9.42	20.40	29.82	46.00	16.18	Neutral	Average
0.514	20.58	20.40	40.98	56.00	15.02	Neutral	QP
0.714	6.54	20.45	26.99	46.00	19.01	Neutral	Average
0.714	17.50	20.45	37.95	56.00	18.05	Neutral	QP
0.914	4.64	20.47	25.11	46.00	20.89	Neutral	Average
0.914	18.79	20.47	39.26	56.00	16.74	Neutral	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 2(400-520MHz)
EUT Model: BT11

Temp/Humi/ATM: 23.5℃/42%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 8.7V from charger (AC 120V/60Hz)

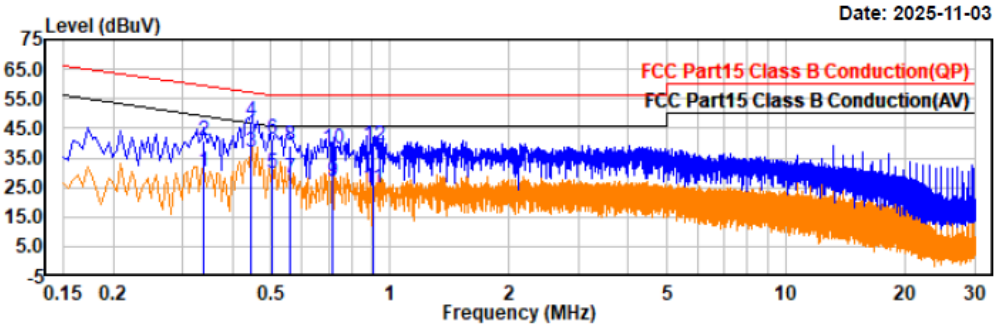


Trace: 1
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.172	6.85	20.62	27.47	54.85	27.38	Line	Average
0.172	20.91	20.62	41.53	64.85	23.32	Line	QP
0.251	4.10	20.61	24.71	51.74	27.03	Line	Average
0.251	17.83	20.61	38.44	61.74	23.30	Line	QP
0.427	13.26	20.49	33.75	47.32	13.57	Line	Average
0.427	21.55	20.49	42.04	57.32	15.28	Line	QP
0.453	15.82	20.47	36.29	46.83	10.54	Line	Average
0.453	23.91	20.47	44.38	56.83	12.45	Line	QP
0.521	8.70	20.45	29.15	46.00	16.85	Line	Average
0.521	16.72	20.45	37.17	56.00	18.83	Line	QP
0.820	4.76	20.50	25.26	46.00	20.74	Line	Average
0.820	12.09	20.50	32.59	56.00	23.41	Line	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 2(400-520MHz)
EUT Model: BT11

Temp/Humi/ATM: 23.5℃/42%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 8.7V from charger (AC 120V/60Hz)

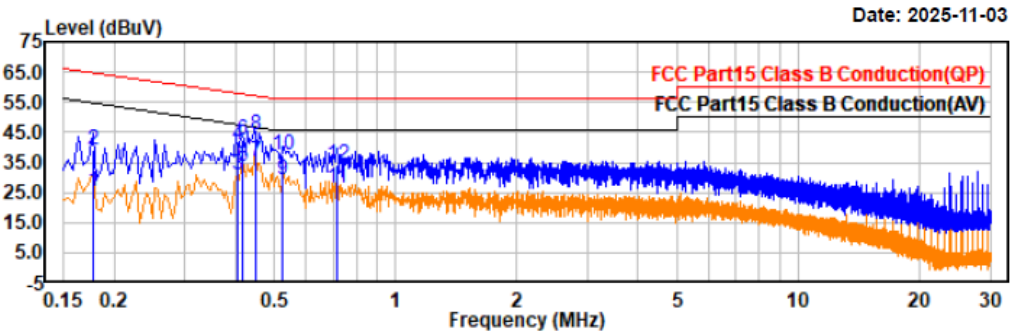


Trace: 1
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.340	9.63	20.53	30.16	49.21	19.05	Neutral	Average
0.340	20.04	20.53	40.57	59.21	18.64	Neutral	QP
0.448	16.68	20.43	37.11	46.92	9.81	Neutral	Average
0.448	27.03	20.43	47.46	56.92	9.46	Neutral	QP
0.503	9.29	20.39	29.68	46.00	16.32	Neutral	Average
0.503	20.76	20.39	41.15	56.00	14.85	Neutral	QP
0.559	7.92	20.41	28.33	46.00	17.67	Neutral	Average
0.559	18.53	20.41	38.94	56.00	17.06	Neutral	QP
0.716	6.46	20.45	26.91	46.00	19.09	Neutral	Average
0.716	17.49	20.45	37.94	56.00	18.06	Neutral	QP
0.908	4.42	20.47	24.89	46.00	21.11	Neutral	Average
0.908	18.90	20.47	39.37	56.00	16.63	Neutral	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 3(460MHz)
EUT Model: BT11

Temp/Humi/ATM: 23.5℃/42%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter (AC 120V/60Hz)

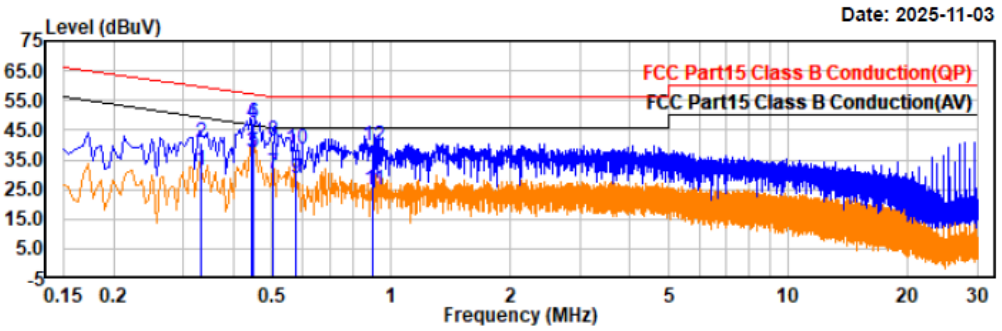


Trace: 1
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.178	4.57	20.62	25.19	54.60	29.41	Line	Average
0.178	18.72	20.62	39.34	64.60	25.26	Line	QP
0.405	10.13	20.49	30.62	47.75	17.13	Line	Average
0.405	20.33	20.49	40.82	57.75	16.93	Line	QP
0.417	12.87	20.49	33.36	47.50	14.14	Line	Average
0.417	21.85	20.49	42.34	57.50	15.16	Line	QP
0.450	14.98	20.47	35.45	46.87	11.42	Line	Average
0.450	23.49	20.47	43.96	56.87	12.91	Line	QP
0.524	8.82	20.45	29.27	46.00	16.73	Line	Average
0.524	17.22	20.45	37.67	56.00	18.33	Line	QP
0.714	5.71	20.49	26.20	46.00	19.80	Line	Average
0.714	13.82	20.49	34.31	56.00	21.69	Line	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 3(460MHz)
EUT Model: BT11

Temp/Humi/ATM: 23.5℃/42%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

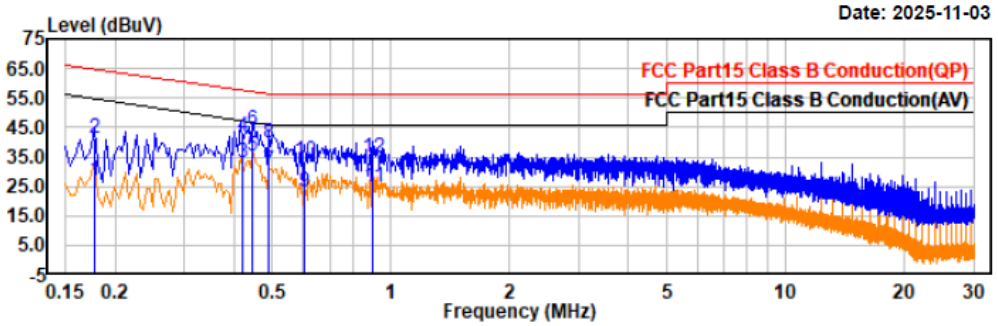


Trace: 1
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.333	10.76	20.54	31.30	49.37	18.07	Neutral	Average
0.333	20.48	20.54	41.02	59.37	18.35	Neutral	QP
0.445	16.79	20.43	37.22	46.97	9.75	Neutral	Average
0.445	27.19	20.43	47.62	56.97	9.35	Neutral	QP
0.451	17.03	20.43	37.46	46.85	9.39	Neutral	Average
0.451	26.90	20.43	47.33	56.85	9.52	Neutral	QP
0.506	9.95	20.39	30.34	46.00	15.66	Neutral	Average
0.506	21.21	20.39	41.60	56.00	14.40	Neutral	QP
0.574	8.00	20.42	28.42	46.00	17.58	Neutral	Average
0.574	18.18	20.42	38.60	56.00	17.40	Neutral	QP
0.903	4.38	20.47	24.85	46.00	21.15	Neutral	Average
0.903	19.16	20.47	39.63	56.00	16.37	Neutral	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 4(173.9875MHz)
EUT Model: BT11

Temp/Humi/ATM: 23.5℃/42%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 8.7V from charger (AC 120V/60Hz)

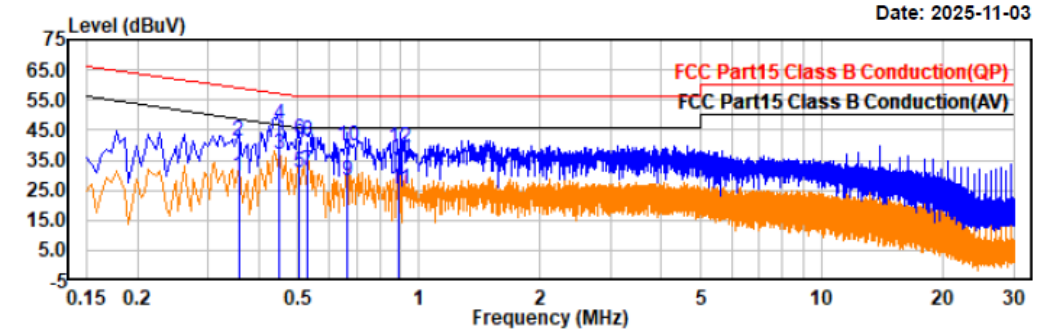


Trace: 1
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.177	6.64	20.62	27.26	54.61	27.35	Line	Average
0.177	20.76	20.62	41.38	64.61	23.23	Line	QP
0.420	12.81	20.49	33.30	47.46	14.16	Line	Average
0.420	21.30	20.49	41.79	57.46	15.67	Line	QP
0.445	14.98	20.47	35.45	46.97	11.52	Line	Average
0.445	23.66	20.47	44.13	56.97	12.84	Line	QP
0.492	9.89	20.44	30.33	46.14	15.81	Line	Average
0.492	19.18	20.44	39.62	56.14	16.52	Line	QP
0.604	2.78	20.47	23.25	46.00	22.75	Line	Average
0.604	13.21	20.47	33.68	56.00	22.32	Line	QP
0.903	4.20	20.50	24.70	46.00	21.30	Line	Average
0.903	14.07	20.50	34.57	56.00	21.43	Line	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 4(173.9875MHz)
EUT Model: BT11

Temp/Humi/ATM: 23.5℃/42%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 8.7V from charger (AC 120V/60Hz)



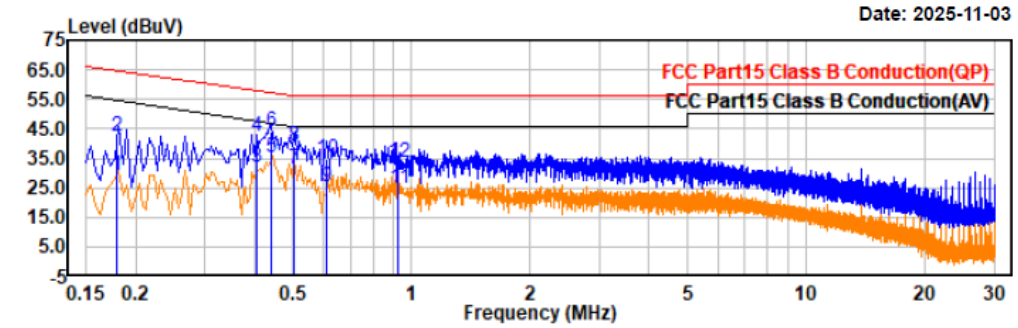
Trace: 1
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.357	9.44	20.51	29.95	48.80	18.85	Neutral	Average
0.357	20.85	20.51	41.36	58.80	17.44	Neutral	QP
0.450	16.60	20.43	37.03	46.88	9.85	Neutral	Average
0.450	26.64	20.43	47.07	56.88	9.81	Neutral	QP
0.506	10.60	20.39	30.99	46.00	15.01	Neutral	Average
0.506	21.54	20.39	41.93	56.00	14.07	Neutral	QP
0.527	10.90	20.40	31.30	46.00	14.70	Neutral	Average
0.527	21.09	20.40	41.49	56.00	14.51	Neutral	QP
0.666	7.92	20.44	28.36	46.00	17.64	Neutral	Average
0.666	19.24	20.44	39.68	56.00	16.32	Neutral	QP
0.895	4.73	20.47	25.20	46.00	20.80	Neutral	Average
0.895	18.86	20.47	39.33	56.00	16.67	Neutral	QP

Model: BT-7700

Project No.: 2507Y01139E-EM
Test Mode: Mode 1(400-520MHz)
EUT Model: BT-7700

Temp/Humi/ATM: 23.5℃/42%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter (AC 120V/60Hz)

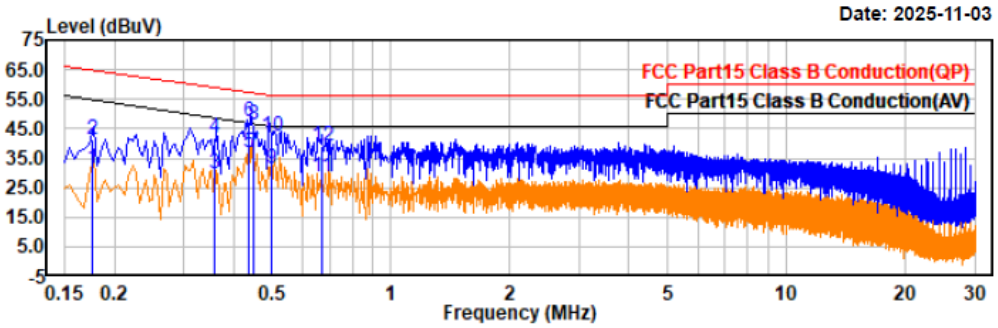


Trace: 1
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.180	8.56	20.62	29.18	54.48	25.30	Line	Average
0.180	22.01	20.62	42.63	64.48	21.85	Line	QP
0.407	11.21	20.49	31.70	47.71	16.01	Line	Average
0.407	21.97	20.49	42.46	57.71	15.25	Line	QP
0.442	14.78	20.47	35.25	47.03	11.78	Line	Average
0.442	23.53	20.47	44.00	57.03	13.03	Line	QP
0.506	10.70	20.44	31.14	46.00	14.86	Line	Average
0.506	18.62	20.44	39.06	56.00	16.94	Line	QP
0.612	5.11	20.48	25.59	46.00	20.41	Line	Average
0.612	14.20	20.48	34.68	56.00	21.32	Line	QP
0.928	4.37	20.50	24.87	46.00	21.13	Line	Average
0.928	13.35	20.50	33.85	56.00	22.15	Line	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 1(400-520MHz)
EUT Model: BT-7700

Temp/Humi/ATM: 23.5℃/42%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter (AC 120V/60Hz)



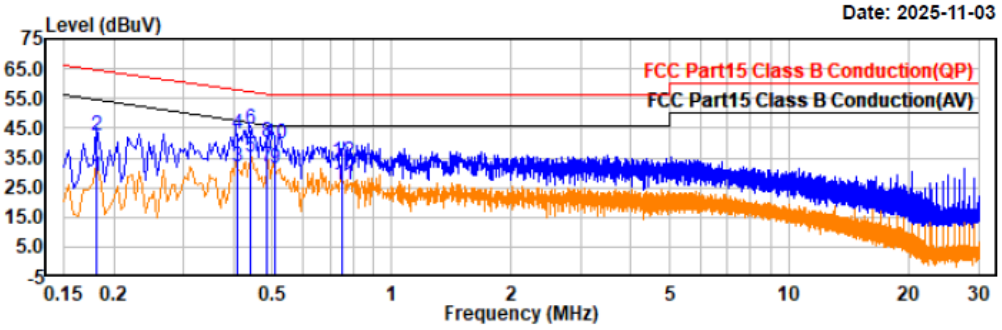
Trace: 1
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.177	10.51	20.65	31.16	54.64	23.48	Neutral	Average
0.177	20.75	20.65	41.40	64.64	23.24	Neutral	QP
0.359	9.05	20.51	29.56	48.75	19.19	Neutral	Average
0.359	21.33	20.51	41.84	58.75	16.91	Neutral	QP
0.437	16.65	20.44	37.09	47.11	10.02	Neutral	Average
0.437	27.23	20.44	47.67	57.11	9.44	Neutral	QP
0.450	16.27	20.43	36.70	46.87	10.17	Neutral	Average
0.450	26.10	20.43	46.53	56.87	10.34	Neutral	QP
0.501	10.88	20.39	31.27	46.00	14.73	Neutral	Average
0.501	21.99	20.39	42.38	56.00	13.62	Neutral	QP
0.669	8.11	20.44	28.55	46.00	17.45	Neutral	Average
0.669	18.93	20.44	39.37	56.00	16.63	Neutral	QP

Model: RT-910

Project No.: 2507Y01139E-EM
Test Mode: Mode 1(400-520MHz)
EUT Model: RT-910

Temp/Humi/ATM: 23.5℃/42%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter (AC 120V/60Hz)

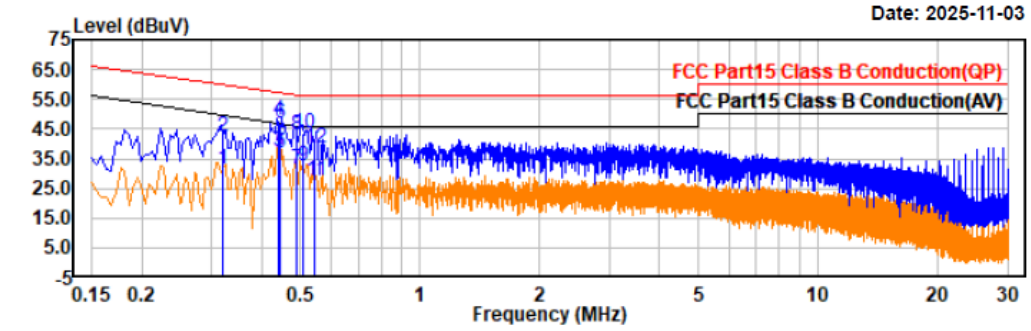


Trace: 1
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.182	8.05	20.63	28.68	54.41	25.73	Line	Average
0.182	21.55	20.63	42.18	64.41	22.23	Line	QP
0.409	11.31	20.49	31.80	47.67	15.87	Line	Average
0.409	22.62	20.49	43.11	57.67	14.56	Line	QP
0.442	15.07	20.47	35.54	47.03	11.49	Line	Average
0.442	24.10	20.47	44.57	57.03	12.46	Line	QP
0.487	11.35	20.44	31.79	46.21	14.42	Line	Average
0.487	19.84	20.44	40.28	56.21	15.93	Line	QP
0.508	10.79	20.44	31.23	46.00	14.77	Line	Average
0.508	19.01	20.44	39.45	56.00	16.55	Line	QP
0.753	5.58	20.50	26.08	46.00	19.92	Line	Average
0.753	13.10	20.50	33.60	56.00	22.40	Line	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 1(400-520MHz)
EUT Model: RT-910

Temp/Humi/ATM: 23.5℃/42%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter (AC 120V/60Hz)



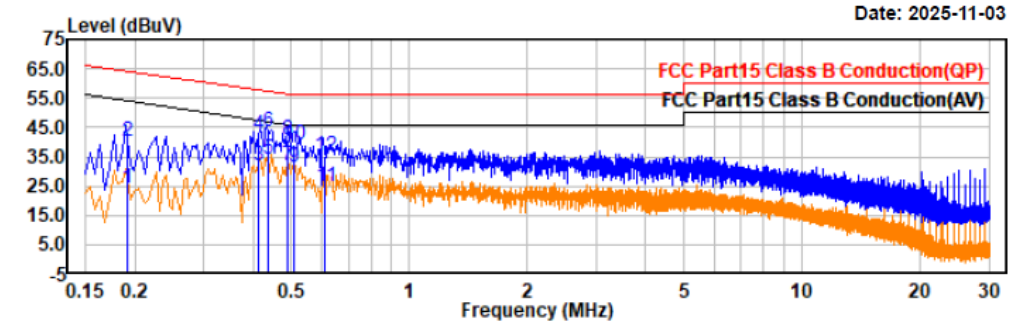
Trace: 1
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.319	10.76	20.55	31.31	49.73	18.42	Neutral	Average
0.319	22.03	20.55	42.58	59.73	17.15	Neutral	QP
0.442	17.11	20.43	37.54	47.02	9.48	Neutral	Average
0.442	27.47	20.43	47.90	57.02	9.12	Neutral	QP
0.447	16.60	20.43	37.03	46.92	9.89	Neutral	Average
0.447	26.22	20.43	46.65	56.92	10.27	Neutral	QP
0.492	11.00	20.39	31.39	46.14	14.75	Neutral	Average
0.492	22.36	20.39	42.75	56.14	13.39	Neutral	QP
0.511	11.94	20.39	32.33	46.00	13.67	Neutral	Average
0.511	23.07	20.39	43.46	56.00	12.54	Neutral	QP
0.545	6.95	20.41	27.36	46.00	18.64	Neutral	Average
0.545	18.29	20.41	38.70	56.00	17.30	Neutral	QP

Model: RT-920

Project No.: 2507Y01139E-EM
Test Mode: Mode 1(400-520MHz)
EUT Model: RT-920

Temp/Humi/ATM: 23.5℃/42%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter (AC 120V/60Hz)

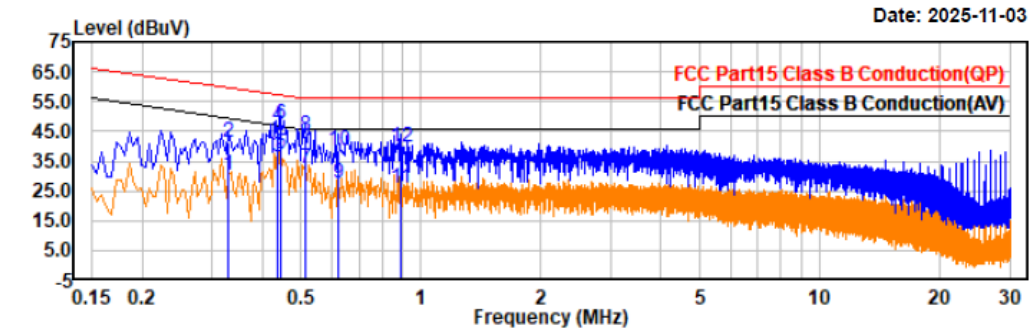


Trace: 1
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.192	3.45	20.64	24.09	53.97	29.88	Line	Average
0.192	19.73	20.64	40.37	63.97	23.60	Line	QP
0.412	11.36	20.49	31.85	47.61	15.76	Line	Average
0.412	21.85	20.49	42.34	57.61	15.27	Line	QP
0.436	13.47	20.47	33.94	47.14	13.20	Line	Average
0.436	22.94	20.47	43.41	57.14	13.73	Line	QP
0.491	11.75	20.44	32.19	46.15	13.96	Line	Average
0.491	20.19	20.44	40.63	56.15	15.52	Line	QP
0.508	10.71	20.44	31.15	46.00	14.85	Line	Average
0.508	18.83	20.44	39.27	56.00	16.73	Line	QP
0.610	4.36	20.48	24.84	46.00	21.16	Line	Average
0.610	14.55	20.48	35.03	56.00	20.97	Line	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 1(400-520MHz)
EUT Model: RT-920

Temp/Humi/ATM: 23.5℃/42%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter (AC 120V/60Hz)



Trace: 1
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.328	9.58	20.54	30.12	49.51	19.39	Neutral	Average
0.328	20.53	20.54	41.07	59.51	18.44	Neutral	QP
0.436	15.93	20.45	36.38	47.15	10.77	Neutral	Average
0.436	26.58	20.45	47.03	57.15	10.12	Neutral	QP
0.444	16.79	20.43	37.22	46.99	9.77	Neutral	Average
0.444	27.13	20.43	47.56	56.99	9.43	Neutral	QP
0.512	12.12	20.39	32.51	46.00	13.49	Neutral	Average
0.512	23.19	20.39	43.58	56.00	12.42	Neutral	QP
0.624	6.85	20.44	27.29	46.00	18.71	Neutral	Average
0.624	18.37	20.44	38.81	56.00	17.19	Neutral	QP
0.891	5.38	20.47	25.85	46.00	20.15	Neutral	Average
0.891	19.19	20.47	39.66	56.00	16.34	Neutral	QP

FCC §15.109 - RADIATED EMISSION IN FREQUENCY

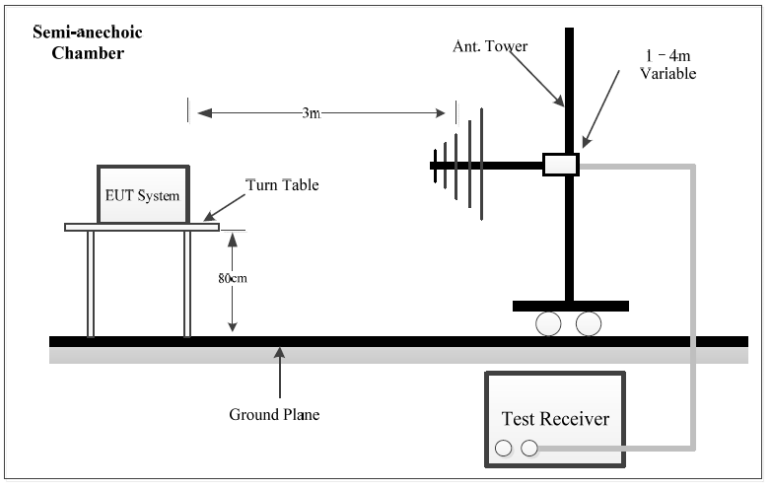
Applicable Standard

FCC§15.109
(a) Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

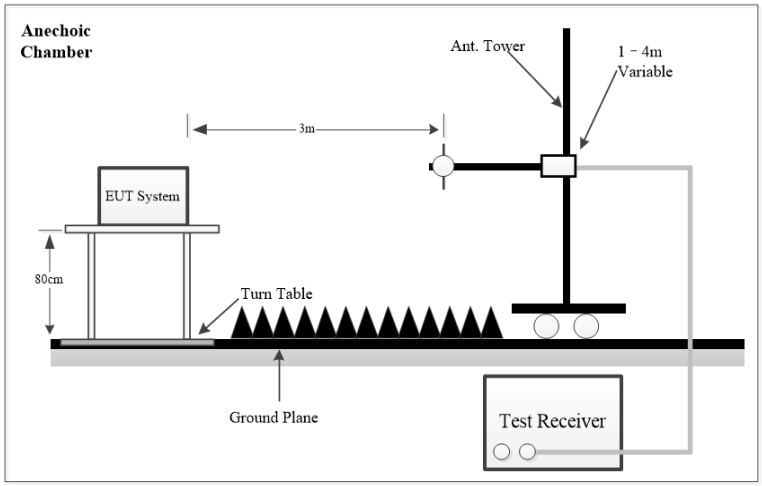
Frequency of emission (MHz)	Field strength (microvolts/meter)
30–88	100
88–216	150
216–960	200
Above 960	500

Test System Setup

Below 1 GHz:



Above 1 GHz:



The radiated emission tests were performed in the 3 meters chamber test site, using the setup accordance with the ANSI C63.4-2014. The specification used was the FCC Part 15.109 Class B limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

EMI Test Receiver Setup

The system was investigated from 30 MHz to 5 GHz.

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

Frequency Range	RBW	VBW	IF B/W	Measurement	Detector
30 MHz – 1000 MHz	100 kHz	300 kHz	/	PK	PK
	/	/	120 kHz	QP	QP
Above 1 GHz	1 MHz	3 MHz	/	PK	PK
	1 MHz	10 Hz	/	AV	PK

Test Procedure

The frequency and amplitude of the six highest ac power-line conducted emissions relative to the limit, measured over all the current-carrying conductors of the EUT power cords, and the operating frequency or frequency to which the EUT is tuned (if appropriate), should be reported, unless such emissions are more than 20 dB below the limit. AC power-line conducted emissions measurements are to be separately carried out only on each of the phase ("hot") line(s) and (if used) on the neutral line(s), but not on the ground [protective earth] line(s). If less than six emission frequencies are within 20 dB of the limit, then the noise level of the measuring instrument at representative frequencies should be reported. The specific conductor of the power-line cord for each of the reported emissions should be identified. Measure the six highest emissions with respect to the limit on each current-carrying conductor of each power cord associated with the EUT (but not the power cords of associated or peripheral equipment that are part of the test configuration). Then, report the six highest emissions with respect to the limit from among all the measurements identifying the frequency and specific current carrying conductor identified with the emission. The six highest emissions should be reported for each of the current-carrying conductors, or the six highest emissions may be reported over all the current-carrying conductors.

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:

Factor (dB/m) =Antenna Factor (dB/m) + Cable Loss (dB) - Amplifier Gain (dB)
Result (dBµV/m) = Reading (dBµV) + 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:

Margin (dB) = Limit (dBµV/m) –Result (dBµV/m)

Test Data

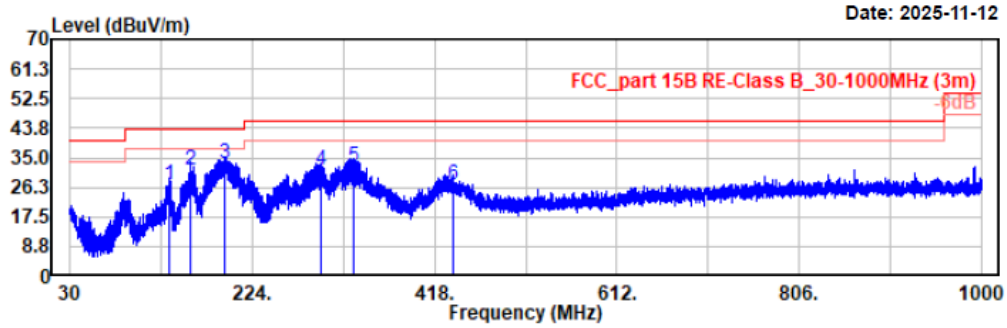
Please refer to below plots:

1) 30MHz-1GHz:

Model: BT11

Project No.: 2507Y01139E-EM
Test Mode: Mode 1(136-174MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.2℃/52%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter (AC 120V/60Hz)

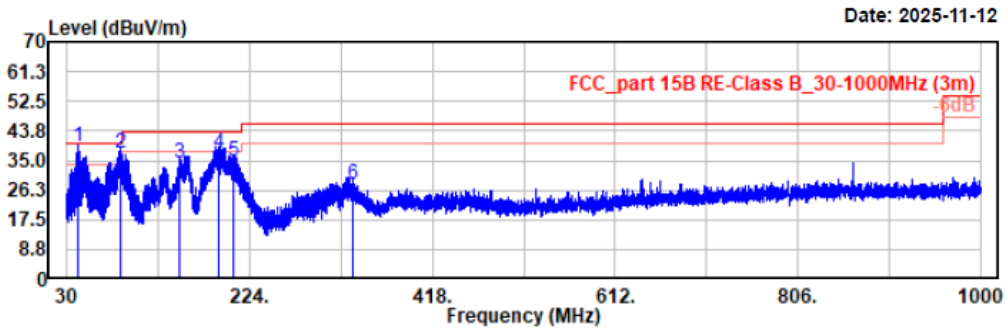


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
135.15	37.38	-10.33	27.05	43.50	16.45	Horizontal	QP
158.82	43.03	-11.46	31.57	43.50	11.93	Horizontal	QP
193.93	45.29	-12.07	33.22	43.50	10.28	Horizontal	QP
296.36	40.59	-9.26	31.33	46.00	14.67	Horizontal	QP
331.48	41.12	-8.55	32.57	46.00	13.43	Horizontal	QP
437.50	32.02	-5.17	26.85	46.00	19.15	Horizontal	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 1(136-174MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.2℃/52%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter
(AC 120V/60Hz)

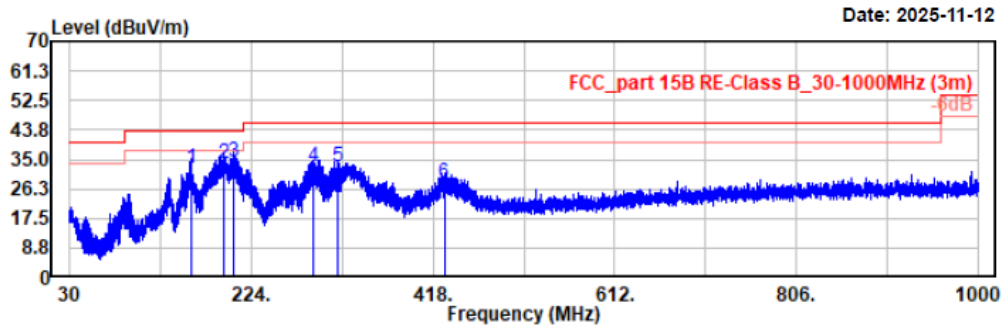


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq	Reading	Factor	Result	Limit	Margin	Polarity	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
41.56	52.02	-12.75	39.27	40.00	0.73	Vertical	QP
86.40	54.50	-17.19	37.31	40.00	2.69	Vertical	QP
149.89	45.68	-11.23	34.45	43.50	9.05	Vertical	QP
190.69	49.38	-12.21	37.17	43.50	6.33	Vertical	QP
206.06	46.94	-12.20	34.74	43.50	8.76	Vertical	QP
333.90	36.26	-8.43	27.83	46.00	18.17	Vertical	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 1(400-520MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.2℃/52%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter
(AC 120V/60Hz)

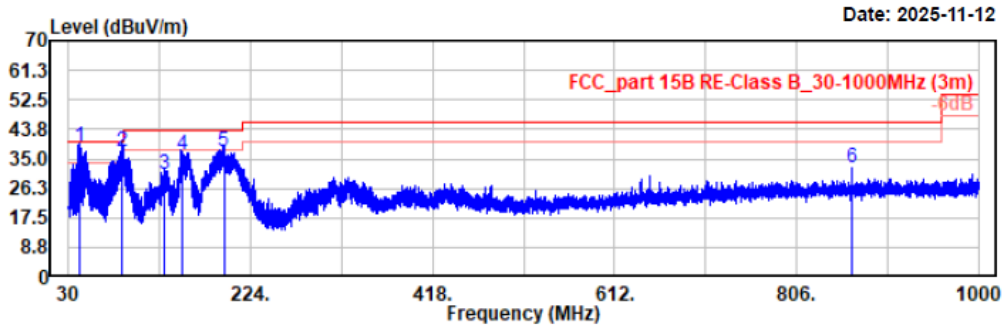


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
159.59	43.59	-11.45	32.14	43.50	11.36	Horizontal	QP
194.71	45.61	-11.99	33.62	43.50	9.88	Horizontal	QP
205.86	46.51	-12.17	34.34	43.50	9.16	Horizontal	QP
290.64	42.08	-9.24	32.84	46.00	13.16	Horizontal	QP
316.73	41.46	-8.85	32.61	46.00	13.39	Horizontal	QP
429.93	33.29	-5.39	27.90	46.00	18.10	Horizontal	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 1(400-520MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.2℃/52%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter (AC 120V/60Hz)

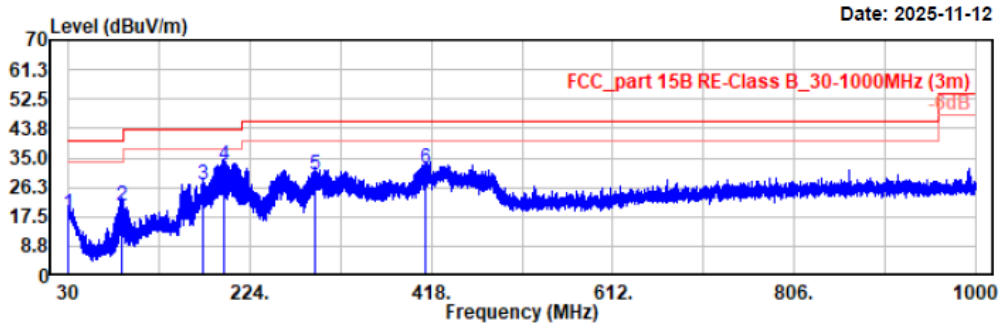


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
42.37	51.98	-13.41	38.57	40.00	1.43	Vertical	QP
87.17	54.60	-17.28	37.32	40.00	2.68	Vertical	QP
132.63	40.66	-10.20	30.46	43.50	13.04	Vertical	QP
150.62	47.33	-11.17	36.16	43.50	7.34	Vertical	QP
195.53	48.92	-11.95	36.97	43.50	6.53	Vertical	QP
864.49	30.17	2.19	32.36	46.00	13.64	Vertical	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 2(136-174MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.2℃/52%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 8.7V from charger (AC 120V/60Hz)

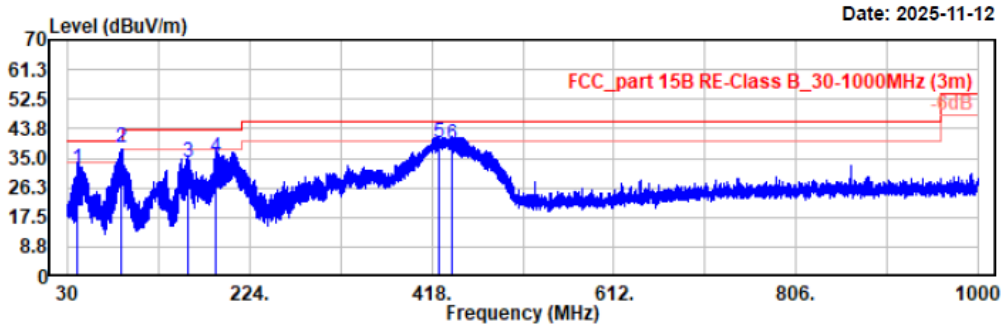


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.00	24.14	-5.60	18.54	40.00	21.46	Horizontal	QP
86.55	38.21	-17.21	21.00	40.00	19.00	Horizontal	QP
173.27	39.03	-11.99	27.04	43.50	16.46	Horizontal	QP
196.16	44.56	-11.92	32.64	43.50	10.86	Horizontal	QP
294.03	39.46	-9.29	30.17	46.00	15.83	Horizontal	QP
411.60	37.80	-5.99	31.81	46.00	14.19	Horizontal	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 2(136-174MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.2℃/52%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 8.7V from charger (AC 120V/60Hz)

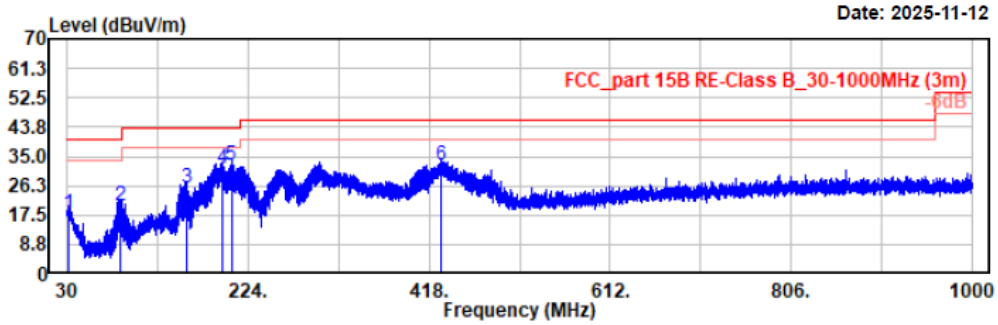


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
40.77	44.15	-12.18	31.97	40.00	8.03	Vertical	QP
86.40	55.46	-17.19	38.27	40.00	1.73	Vertical	QP
158.33	45.23	-11.47	33.76	43.50	9.74	Vertical	QP
188.50	47.88	-12.40	35.48	43.50	8.02	Vertical	QP
425.26	45.17	-5.49	39.68	46.00	6.32	Vertical	QP
439.03	44.06	-5.11	38.95	46.00	7.05	Vertical	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 2(400-520MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.2℃/52%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 8.7V from charger (AC 120V/60Hz)

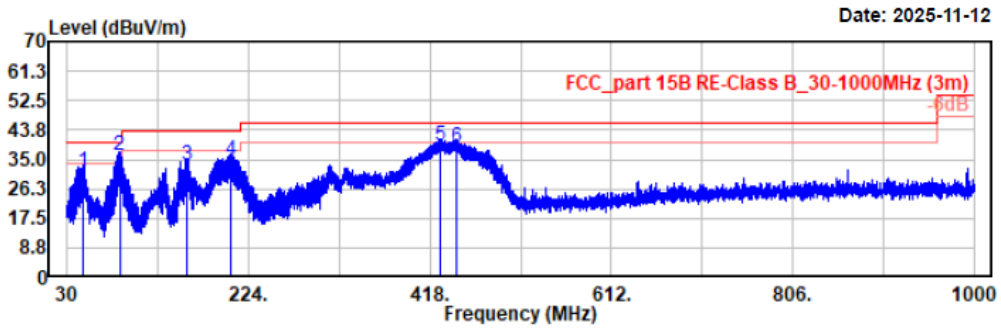


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.68	23.87	-5.77	18.10	40.00	21.90	Horizontal	QP
86.26	37.28	-17.16	20.12	40.00	19.88	Horizontal	QP
158.82	37.20	-11.46	25.74	43.50	17.76	Horizontal	QP
196.16	43.42	-11.92	31.50	43.50	12.00	Horizontal	QP
205.96	44.36	-12.18	32.18	43.50	11.32	Horizontal	QP
430.13	37.57	-5.39	32.18	46.00	13.82	Horizontal	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 2(400-520MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.2℃/52%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 8.7V from charger
(AC 120V/60Hz)

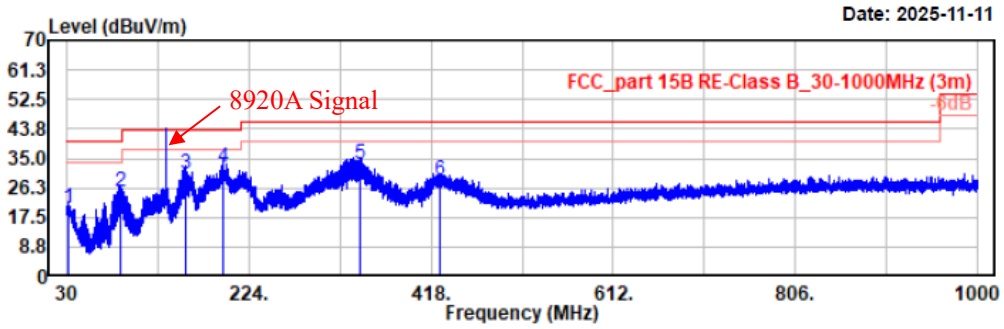


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
46.30	47.48	-15.95	31.53	40.00	8.47	Vertical	QP
86.20	53.49	-17.15	36.34	40.00	3.66	Vertical	QP
158.82	44.78	-11.46	33.32	43.50	10.18	Vertical	QP
204.31	46.83	-12.02	34.81	43.50	8.69	Vertical	QP
429.74	44.27	-5.40	38.87	46.00	7.13	Vertical	QP
446.00	43.46	-4.94	38.52	46.00	7.48	Vertical	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 3(136.0125MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.5℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter
(AC 120V/60Hz)

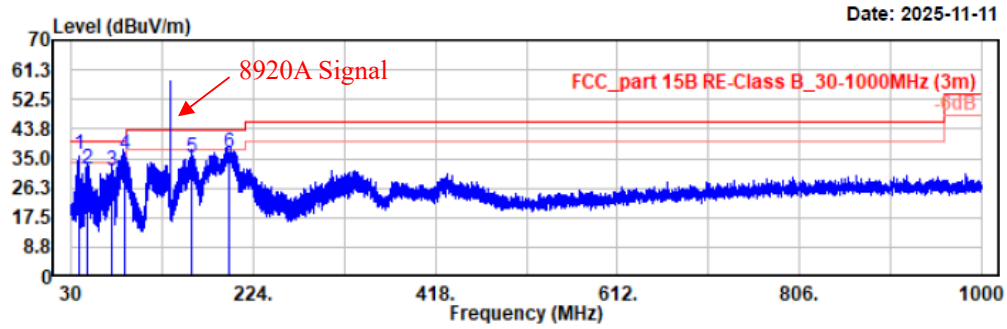


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.55	26.20	-6.16	20.04	40.00	19.96	Horizontal	QP
87.52	42.11	-17.24	24.87	40.00	15.13	Horizontal	QP
156.29	41.98	-11.35	30.63	43.50	12.87	Horizontal	QP
196.84	44.30	-11.77	32.53	43.50	10.97	Horizontal	QP
342.15	41.72	-8.31	33.41	46.00	12.59	Horizontal	QP
427.41	34.06	-5.45	28.61	46.00	17.39	Horizontal	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 3(136.0125MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.5℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter
(AC 120V/60Hz)

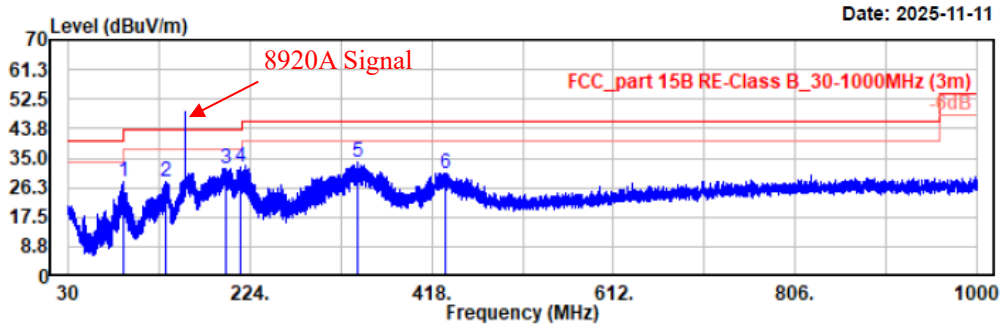


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
38.41	46.49	-10.52	35.97	40.00	4.03	Vertical	QP
47.36	48.20	-16.54	31.66	40.00	8.34	Vertical	QP
72.68	48.17	-17.03	31.14	40.00	8.86	Vertical	QP
86.59	53.56	-17.22	36.34	40.00	3.66	Vertical	QP
157.85	46.65	-11.48	35.17	43.50	8.33	Vertical	QP
197.70	48.39	-11.73	36.66	43.50	6.84	Vertical	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 3(155MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.5℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter
(AC 120V/60Hz)

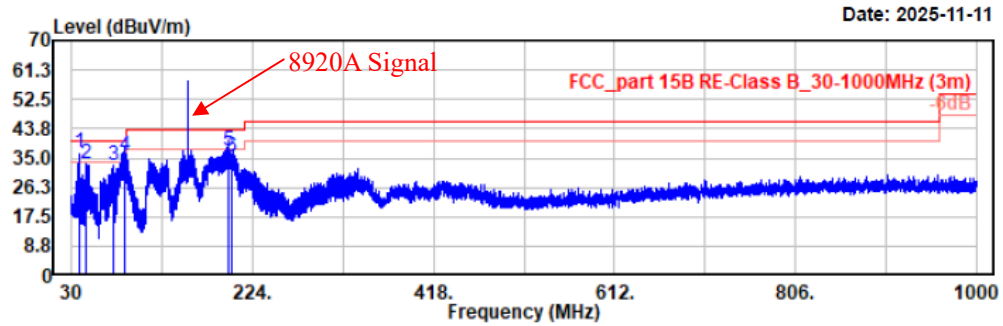


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
88.10	45.27	-17.19	28.08	43.50	15.42	Horizontal	Peak
133.89	38.32	-10.25	28.07	43.50	15.43	Horizontal	Peak
198.30	43.47	-11.70	31.77	43.50	11.73	Horizontal	Peak
214.11	44.80	-12.68	32.12	43.50	11.38	Horizontal	Peak
339.04	42.01	-8.37	33.64	46.00	12.36	Horizontal	Peak
432.07	35.89	-5.35	30.54	46.00	15.46	Horizontal	Peak

Project No.: 2507Y01139E-EM
Test Mode: Mode 3(155MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.5℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter
(AC 120V/60Hz)

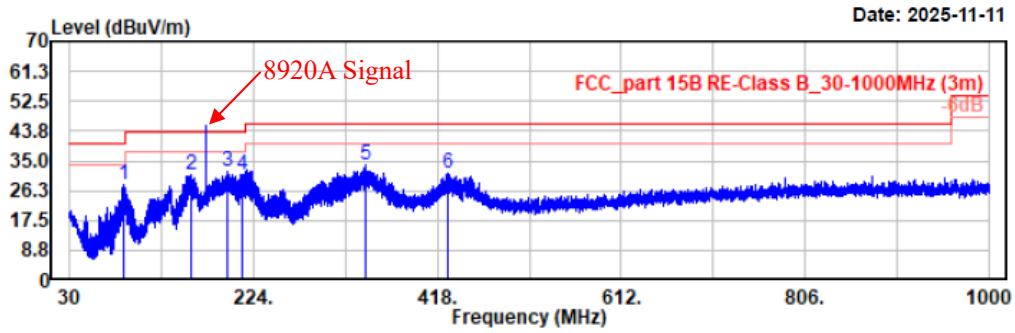


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
38.36	47.00	-10.49	36.51	40.00	3.49	Vertical	QP
44.84	48.31	-15.08	33.23	40.00	6.77	Vertical	QP
75.11	50.00	-17.10	32.90	40.00	7.10	Vertical	QP
87.39	53.08	-17.26	35.82	40.00	4.18	Vertical	QP
197.57	48.92	-11.73	37.19	43.50	6.31	Vertical	QP
201.70	47.12	-11.84	35.28	43.50	8.22	Vertical	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 3(173.9875MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.5℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter
(AC 120V/60Hz)

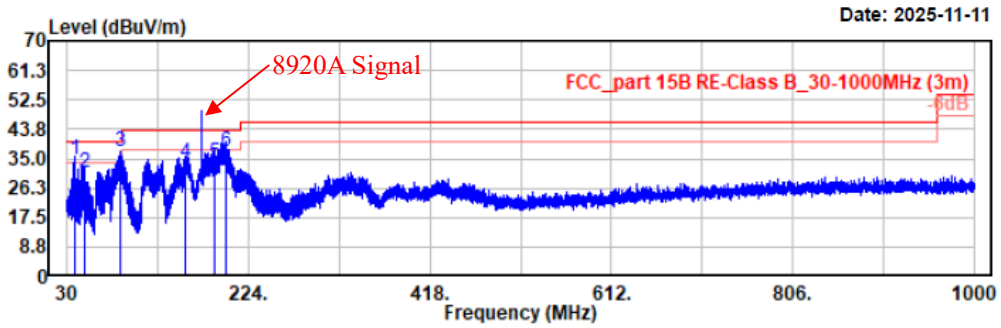


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq	Reading	Factor	Result	Limit	Margin	Polarity	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
86.45	45.18	-17.20	27.98	40.00	12.02	Horizontal	Peak
157.46	42.59	-11.48	31.11	43.50	12.39	Horizontal	Peak
195.77	43.86	-11.95	31.91	43.50	11.59	Horizontal	Peak
212.17	43.78	-12.65	31.13	43.50	12.37	Horizontal	Peak
342.73	41.95	-8.30	33.65	46.00	12.35	Horizontal	Peak
429.83	36.78	-5.39	31.39	46.00	14.61	Horizontal	Peak

Project No.: 2507Y01139E-EM
Test Mode: Mode 3(173.9875MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.5℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter
(AC 120V/60Hz)

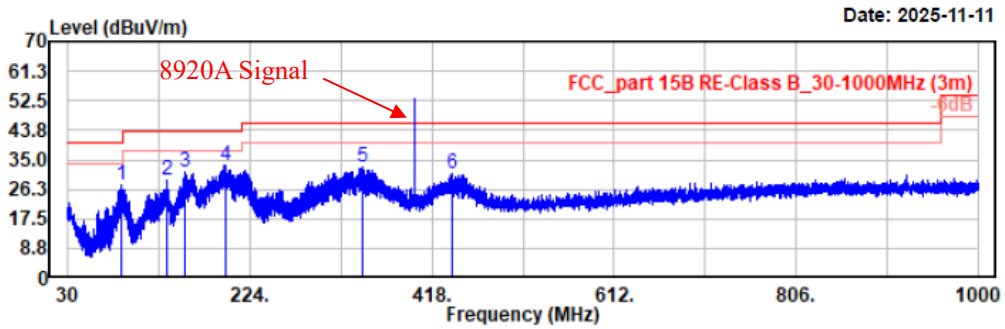


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
38.34	45.17	-10.47	34.70	40.00	5.30	Vertical	QP
48.04	47.90	-16.87	31.03	40.00	8.97	Vertical	QP
86.49	54.17	-17.21	36.96	40.00	3.04	Vertical	QP
156.68	45.18	-11.43	33.75	43.50	9.75	Vertical	QP
187.68	46.19	-12.39	33.80	43.50	9.70	Vertical	QP
199.11	48.67	-11.63	37.04	43.50	6.46	Vertical	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 3(400.0125MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.5℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter (AC 120V/60Hz)

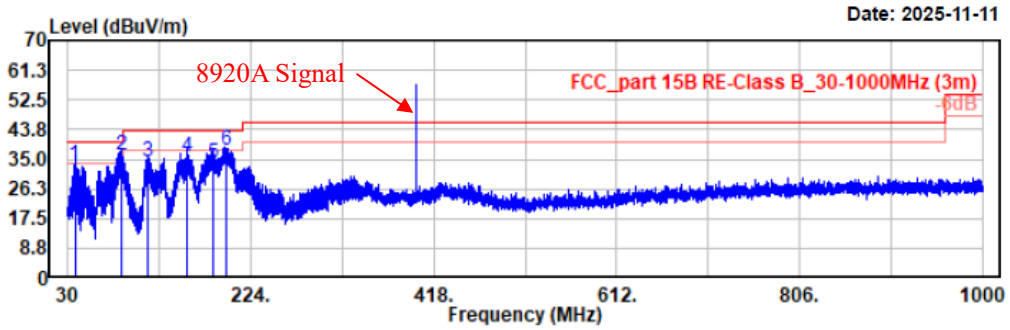


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
87.23	44.74	-17.28	27.46	40.00	12.54	Horizontal	Peak
136.22	39.33	-10.35	28.98	43.50	14.52	Horizontal	Peak
155.03	43.03	-11.41	31.62	43.50	11.88	Horizontal	Peak
198.30	45.11	-11.70	33.41	43.50	10.09	Horizontal	Peak
344.57	40.97	-8.25	32.72	46.00	13.28	Horizontal	Peak
440.21	36.15	-5.07	31.08	46.00	14.92	Horizontal	Peak

Project No.: 2507Y01139E-EM
Test Mode: Mode 3(400.0125MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.5℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter (AC 120V/60Hz)

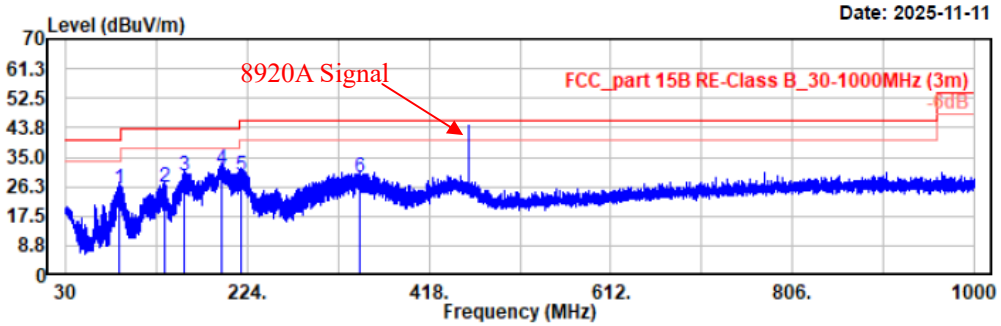


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
37.52	43.40	-9.91	33.49	40.00	6.51	Vertical	QP
87.28	53.26	-17.27	35.99	40.00	4.01	Vertical	QP
114.97	45.07	-10.91	34.16	43.50	9.34	Vertical	QP
156.66	47.09	-11.42	35.67	43.50	7.83	Vertical	QP
183.63	46.43	-12.52	33.91	43.50	9.59	Vertical	QP
197.38	49.24	-11.74	37.50	43.50	6.00	Vertical	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 3(460MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.5℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter (AC 120V/60Hz)

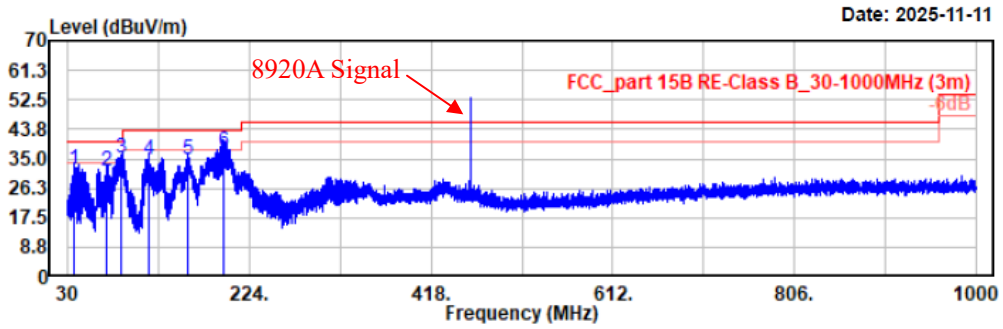


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
87.23	42.68	-17.28	25.40	40.00	14.60	Horizontal	QP
136.22	36.58	-10.35	26.23	43.50	17.27	Horizontal	QP
156.59	40.77	-11.41	29.36	43.50	14.14	Horizontal	QP
196.45	43.41	-11.86	31.55	43.50	11.95	Horizontal	QP
216.92	42.32	-12.68	29.64	46.00	16.36	Horizontal	QP
343.31	37.03	-8.27	28.76	46.00	17.24	Horizontal	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 3(460MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.5℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter
(AC 120V/60Hz)

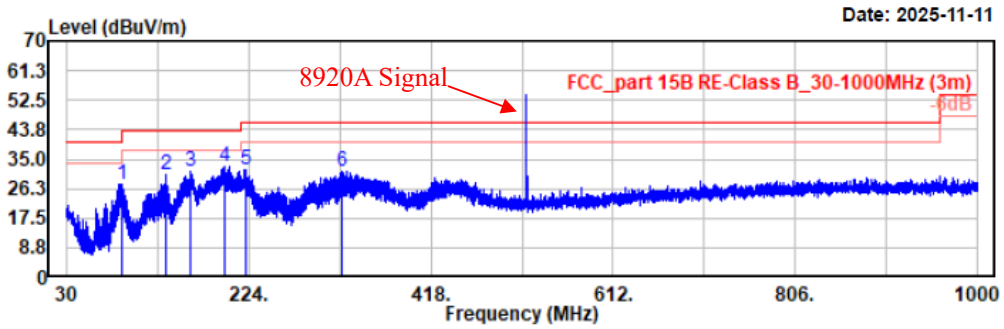


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
37.47	41.62	-9.87	31.75	40.00	8.25	Vertical	QP
71.71	48.29	-17.04	31.25	40.00	8.75	Vertical	QP
87.25	52.50	-17.28	35.22	40.00	4.78	Vertical	QP
115.85	45.62	-10.82	34.80	43.50	8.70	Vertical	QP
158.14	46.00	-11.47	34.53	43.50	8.97	Vertical	QP
195.66	49.26	-11.95	37.31	43.50	6.19	Vertical	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 3(519.9875MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.5℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter
(AC 120V/60Hz)

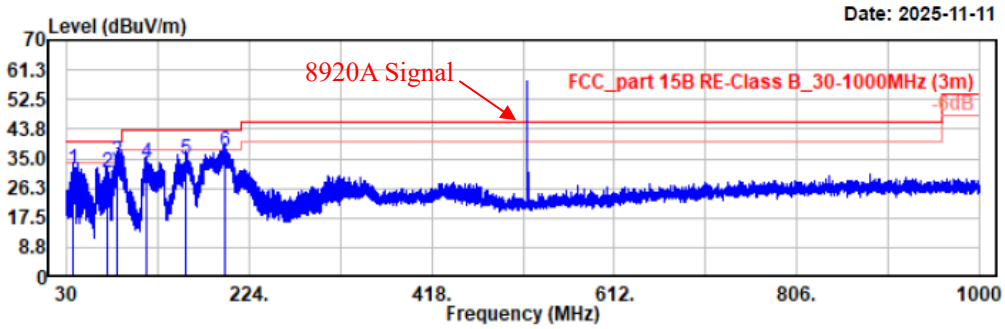


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
88.01	44.92	-17.19	27.73	43.50	15.77	Horizontal	Peak
136.12	40.56	-10.34	30.22	43.50	13.28	Horizontal	Peak
162.21	42.65	-11.45	31.20	43.50	12.30	Horizontal	Peak
198.00	44.70	-11.73	32.97	43.50	10.53	Horizontal	Peak
220.22	44.68	-12.64	32.04	46.00	13.96	Horizontal	Peak
322.84	40.17	-8.69	31.48	46.00	14.52	Horizontal	Peak

Project No.: 2507Y01139E-EM
Test Mode: Mode 3(519.9875MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.5℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter
(AC 120V/60Hz)

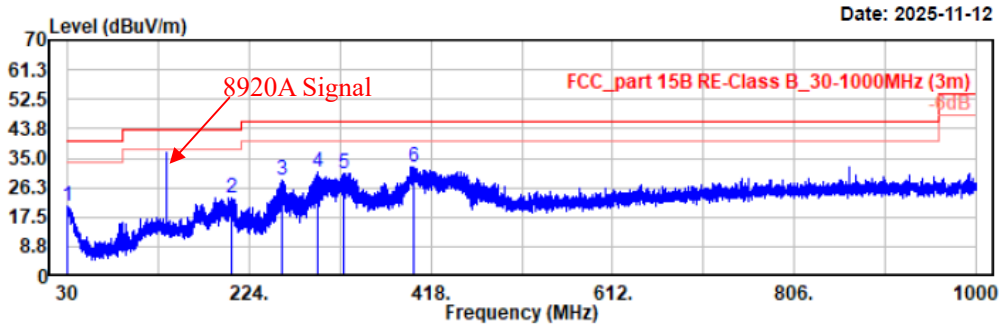


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
37.47	41.79	-9.87	31.92	40.00	8.08	Vertical	QP
73.36	47.88	-17.09	30.79	40.00	9.21	Vertical	QP
83.90	51.47	-17.14	34.33	40.00	5.67	Vertical	QP
114.20	44.99	-11.15	33.84	43.50	9.66	Vertical	QP
156.49	46.36	-11.39	34.97	43.50	8.53	Vertical	QP
198.10	48.73	-11.72	37.01	43.50	6.49	Vertical	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 4(136.0125MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.2℃/52%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 8.7V from charger
(AC 120V/60Hz)

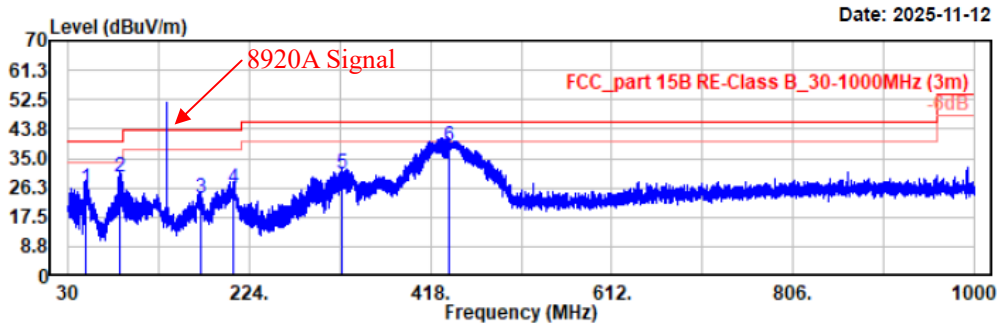


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.39	26.32	-5.70	20.62	40.00	19.38	Horizontal	Peak
205.18	35.38	-12.09	23.29	43.50	20.21	Horizontal	Peak
259.50	39.62	-11.07	28.55	46.00	17.45	Horizontal	Peak
297.24	39.92	-9.25	30.67	46.00	15.33	Horizontal	Peak
324.40	39.30	-8.65	30.65	46.00	15.35	Horizontal	Peak
399.38	38.89	-6.41	32.48	46.00	13.52	Horizontal	Peak

Project No.: 2507Y01139E-EM
Test Mode: Mode 4(136.0125MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.2℃/52%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 8.7V from charger
(AC 120V/60Hz)

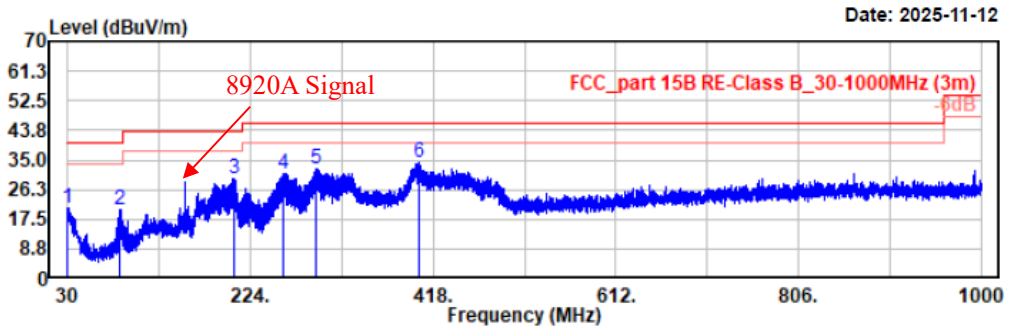


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
49.21	43.52	-17.26	26.26	40.00	13.74	Vertical	QP
85.39	46.77	-17.18	29.59	40.00	10.41	Vertical	QP
171.72	35.20	-11.94	23.26	43.50	20.24	Vertical	QP
206.25	38.16	-12.21	25.95	43.50	17.55	Vertical	QP
323.72	38.86	-8.68	30.18	46.00	15.82	Vertical	QP
437.31	43.80	-5.18	38.62	46.00	7.38	Vertical	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 4(155MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.2℃/52%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 8.7V from charger
(AC 120V/60Hz)

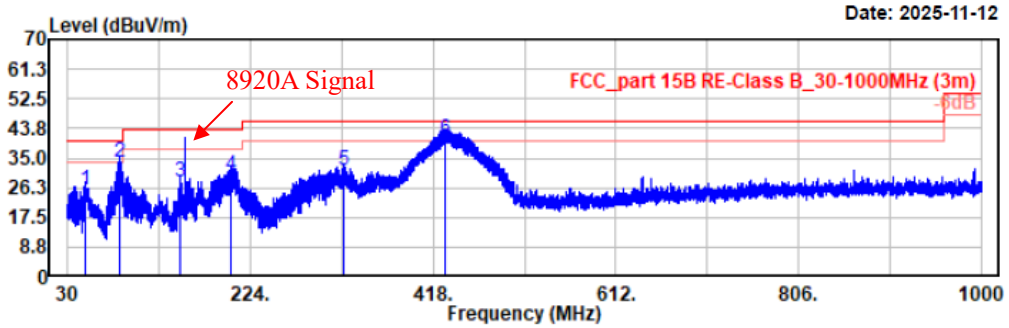


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.10	26.47	-5.63	20.84	40.00	19.16	Horizontal	Peak
85.10	37.71	-17.21	20.50	40.00	19.50	Horizontal	Peak
207.12	41.92	-12.30	29.62	43.50	13.88	Horizontal	Peak
259.70	42.16	-11.06	31.10	46.00	14.90	Horizontal	Peak
293.84	41.65	-9.30	32.35	46.00	13.65	Horizontal	Peak
402.29	40.47	-6.24	34.23	46.00	11.77	Horizontal	Peak

Project No.: 2507Y01139E-EM
Test Mode: Mode 4(155MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.2℃/52%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 8.7V from charger (AC 120V/60Hz)

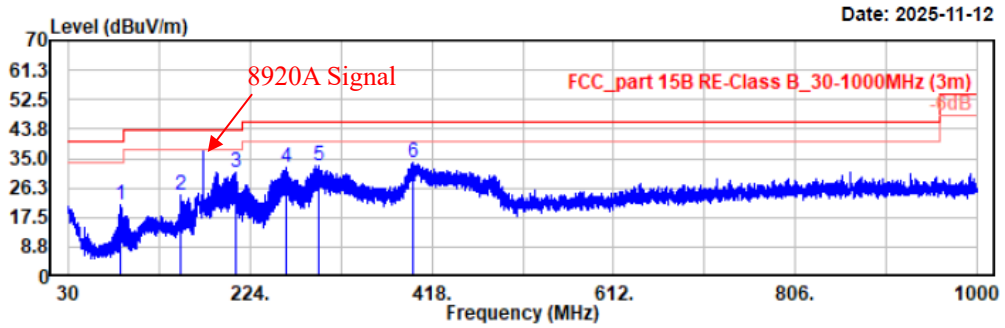


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
48.33	42.78	-16.98	25.80	40.00	14.20	Vertical	QP
85.98	51.14	-17.11	34.03	40.00	5.97	Vertical	QP
149.02	39.01	-11.24	27.77	43.50	15.73	Vertical	QP
204.02	42.13	-12.00	30.13	43.50	13.37	Vertical	QP
323.52	40.05	-8.68	31.37	46.00	14.63	Vertical	QP
430.22	45.98	-5.39	40.59	46.00	5.41	Vertical	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 4(173.9875MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.2℃/52%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 8.7V from charger (AC 120V/60Hz)

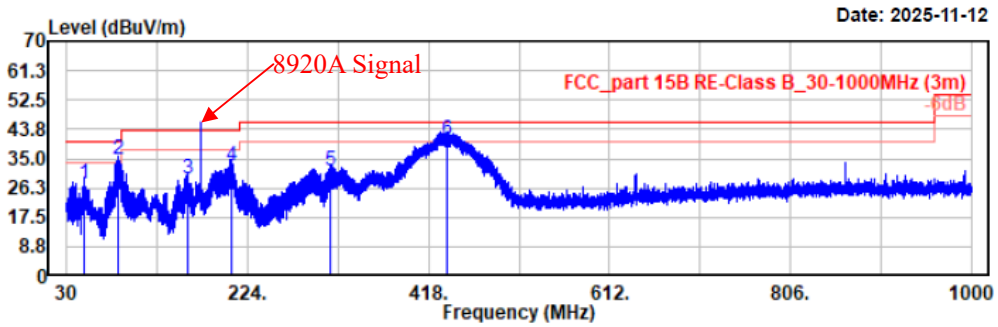


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
85.10	38.26	-17.21	21.05	40.00	18.95	Horizontal	Peak
149.89	35.46	-11.23	24.23	43.50	19.27	Horizontal	Peak
208.00	43.16	-12.40	30.76	43.50	12.74	Horizontal	Peak
262.99	42.90	-10.60	32.30	46.00	13.70	Horizontal	Peak
297.91	42.02	-9.22	32.80	46.00	13.20	Horizontal	Peak
397.63	40.50	-6.49	34.01	46.00	11.99	Horizontal	Peak

Project No.: 2507Y01139E-EM
Test Mode: Mode 4(173.9875MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.2℃/52%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 8.7V from charger
(AC 120V/60Hz)

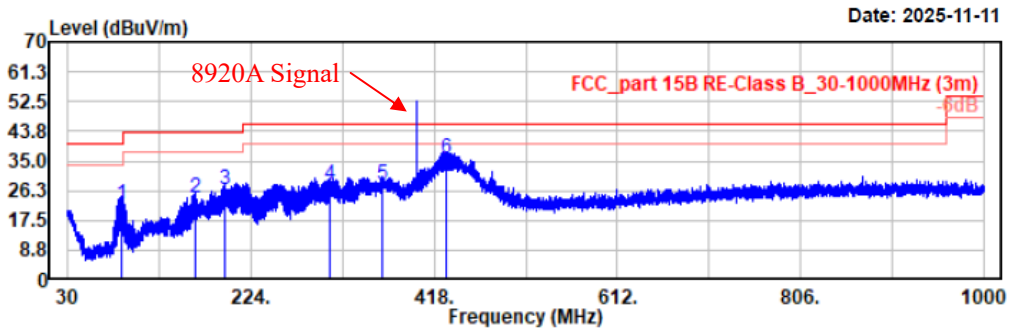


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
48.24	44.25	-16.94	27.31	40.00	12.69	Vertical	QP
85.92	52.08	-17.12	34.96	40.00	5.04	Vertical	QP
160.47	40.34	-11.50	28.84	43.50	14.66	Vertical	QP
206.35	45.20	-12.21	32.99	43.50	10.51	Vertical	QP
311.98	40.48	-8.97	31.51	46.00	14.49	Vertical	QP
437.55	45.95	-5.17	40.78	46.00	5.22	Vertical	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 4(400.0125MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.5℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 8.7V from charger
(AC 120V/60Hz)

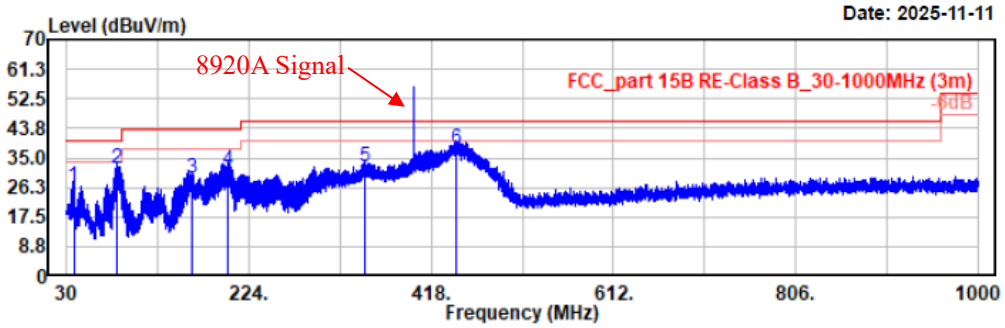


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
86.65	39.62	-17.23	22.39	40.00	17.61	Horizontal	QP
165.99	35.63	-11.69	23.94	43.50	19.56	Horizontal	QP
196.16	38.46	-11.92	26.54	43.50	16.96	Horizontal	QP
307.52	37.18	-9.08	28.10	46.00	17.90	Horizontal	QP
363.58	35.77	-7.58	28.19	46.00	17.81	Horizontal	QP
430.13	41.22	-5.39	35.83	46.00	10.17	Horizontal	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 4(400.0125MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.5℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 8.7V from charger (AC 120V/60Hz)

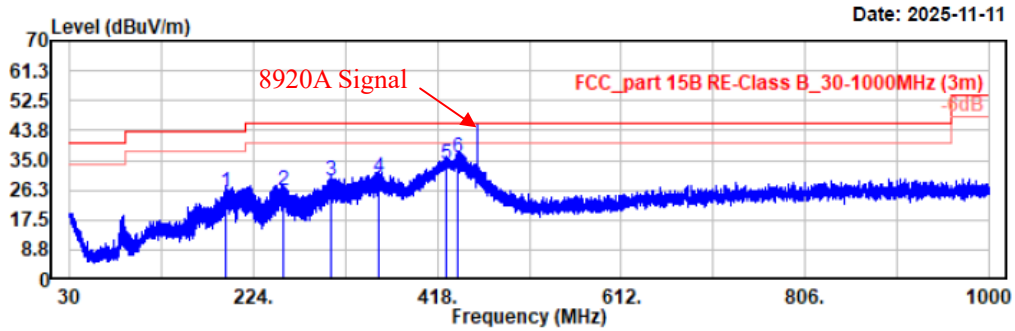


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
37.57	36.59	-9.94	26.65	40.00	13.35	Vertical	QP
84.13	48.88	-17.14	31.74	40.00	8.26	Vertical	QP
162.70	40.34	-11.49	28.85	43.50	14.65	Vertical	QP
201.69	43.40	-11.84	31.56	43.50	11.94	Vertical	QP
347.77	40.42	-8.11	32.31	46.00	13.69	Vertical	QP
445.26	42.79	-4.94	37.85	46.00	8.15	Vertical	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 4(460MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.5℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 8.7V from charger
(AC 120V/60Hz)

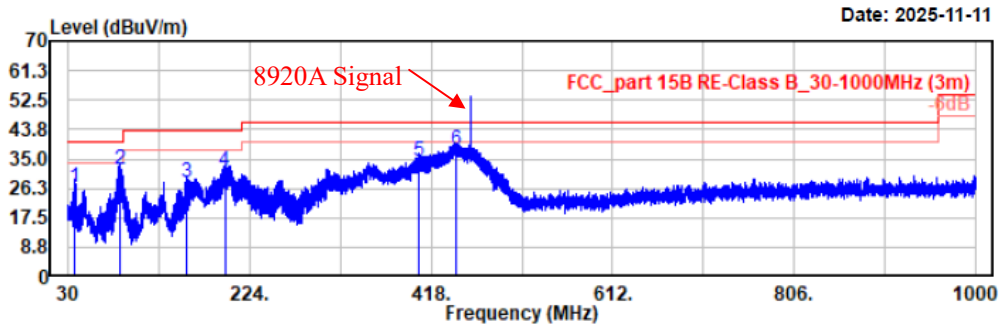


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
195.00	37.51	-11.96	25.55	43.50	17.95	Horizontal	Peak
254.94	37.56	-11.38	26.18	46.00	19.82	Horizontal	Peak
305.67	37.88	-9.13	28.75	46.00	17.25	Horizontal	Peak
356.41	37.60	-7.91	29.69	46.00	16.31	Horizontal	Peak
427.89	39.47	-5.44	34.03	46.00	11.97	Horizontal	Peak
438.95	40.73	-5.11	35.62	46.00	10.38	Horizontal	Peak

Project No.: 2507Y01139E-EM
Test Mode: Mode 4(460MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.5℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 8.7V from charger
(AC 120V/60Hz)

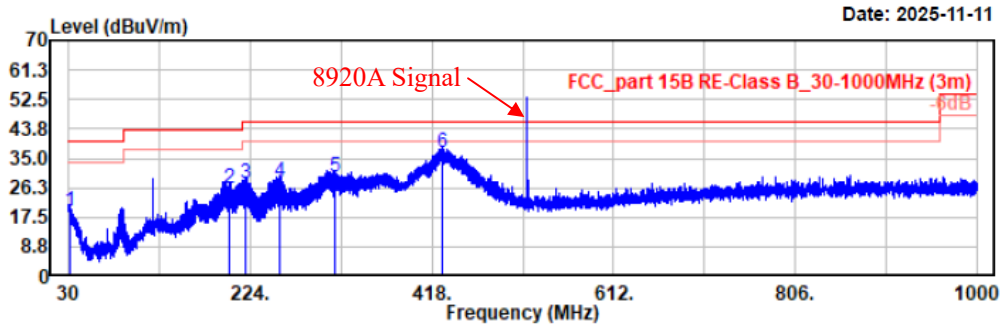


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
36.79	36.11	-9.34	26.77	40.00	13.23	Vertical	QP
85.19	49.00	-17.20	31.80	40.00	8.20	Vertical	QP
157.17	39.40	-11.48	27.92	43.50	15.58	Vertical	QP
197.33	42.95	-11.74	31.21	43.50	12.29	Vertical	QP
404.81	40.56	-6.09	34.47	46.00	11.53	Vertical	QP
444.19	42.57	-4.97	37.60	46.00	8.40	Vertical	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 4(519.9875MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.5℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 8.7V from charger (AC 120V/60Hz)

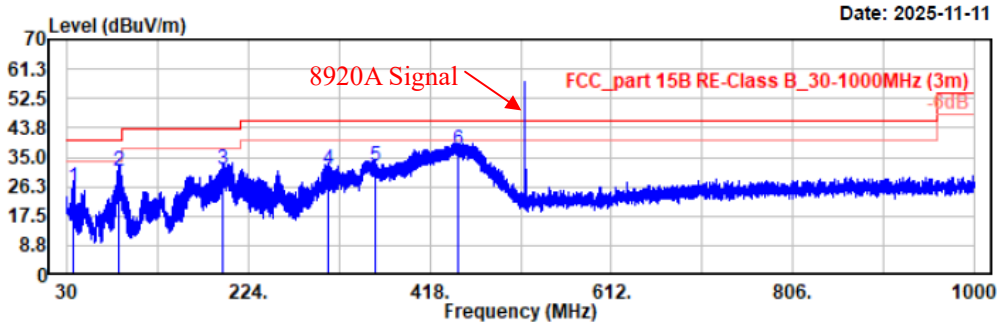


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.65	25.47	-6.21	19.26	40.00	20.74	Horizontal	QP
201.50	37.76	-11.82	25.94	43.50	17.56	Horizontal	QP
218.67	40.21	-12.67	27.54	46.00	18.46	Horizontal	QP
256.20	39.12	-11.29	27.83	46.00	18.17	Horizontal	QP
314.21	38.28	-8.92	29.36	46.00	16.64	Horizontal	QP
428.48	41.94	-5.43	36.51	46.00	9.49	Horizontal	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 4(519.9875MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.5℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 8.7V from charger (AC 120V/60Hz)



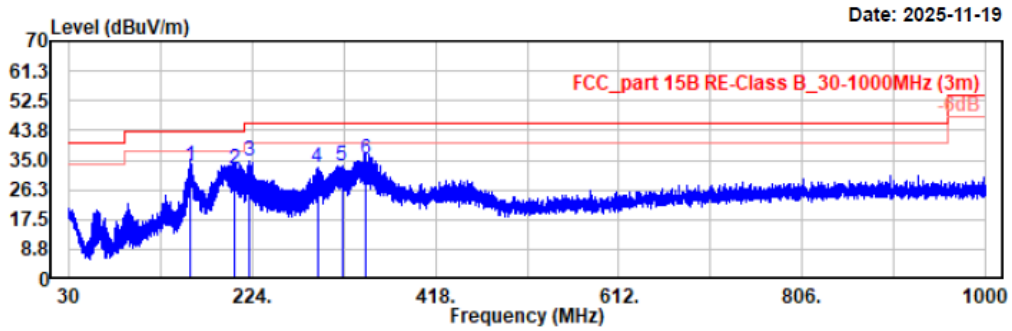
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
36.89	35.42	-9.41	26.01	40.00	13.99	Vertical	QP
84.51	48.19	-17.17	31.02	40.00	8.98	Vertical	QP
196.26	43.44	-11.90	31.54	43.50	11.96	Vertical	QP
309.36	40.34	-9.03	31.31	46.00	14.69	Vertical	QP
359.12	39.98	-7.80	32.18	46.00	13.82	Vertical	QP
447.97	42.25	-4.94	37.31	46.00	8.69	Vertical	QP

Model: BT-7700(Worst)

Project No.: 2507Y01139E-EM
Test Mode: Mode 1(136-174MHz)
EUT Model: BT-7700
Test distance: 3m

Temp/Humi/ATM: 22.4℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter (AC 120V/60Hz)

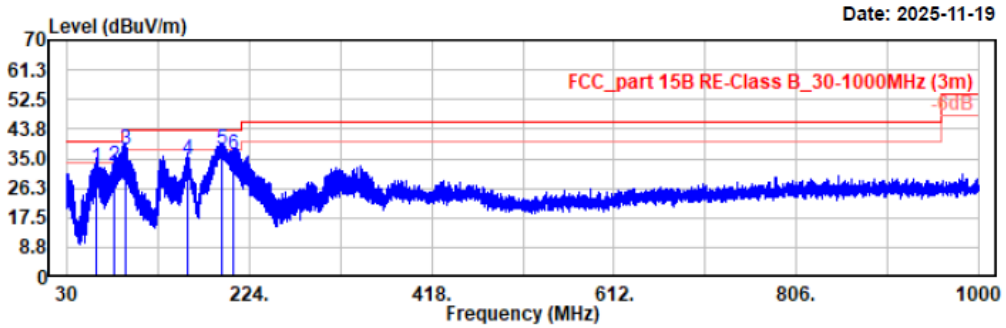


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
158.62	44.67	-11.47	33.20	43.50	10.30	Horizontal	QP
204.70	44.19	-12.06	32.13	43.50	11.37	Horizontal	QP
221.19	47.25	-12.62	34.63	46.00	11.37	Horizontal	Peak
292.77	41.87	-9.28	32.59	46.00	13.41	Horizontal	Peak
318.87	42.32	-8.79	33.53	46.00	12.47	Horizontal	Peak
344.38	43.44	-8.25	35.19	46.00	10.81	Horizontal	QP

Project No.: 2507Y01139E-EM
Test Mode: Mode 1(136-174MHz)
EUT Model: BT-7700
Test distance: 3m

Temp/Humi/ATM: 22.4℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter (AC 120V/60Hz)



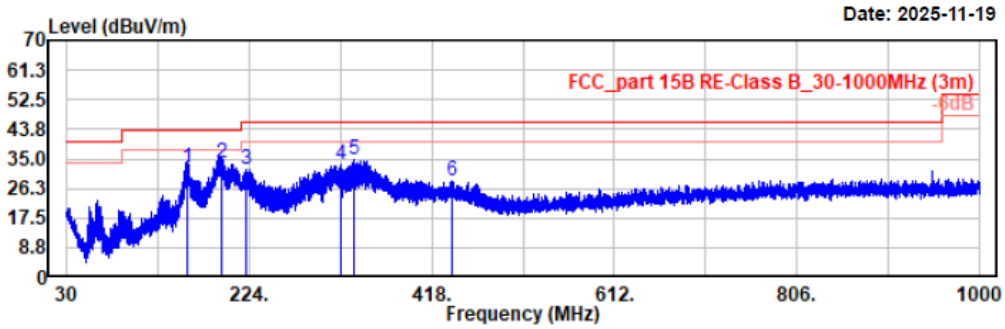
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
60.75	49.63	-17.40	32.23	40.00	7.77	Vertical	QP
80.44	50.06	-17.07	32.99	40.00	7.01	Vertical	QP
91.98	54.39	-16.95	37.44	43.50	6.06	Vertical	QP
158.62	46.32	-11.47	34.85	43.50	8.65	Vertical	QP
194.71	49.54	-11.99	37.55	43.50	5.95	Vertical	QP
206.15	48.50	-12.21	36.29	43.50	7.21	Vertical	QP

Model: RT-910(Worst)

Project No.: 2507Y01139E-EM
Test Mode: Mode 1(136-174MHz)
EUT Model: RT-910
Test distance: 3m

Temp/Humi/ATM: 22.4℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter
(AC 120V/60Hz)

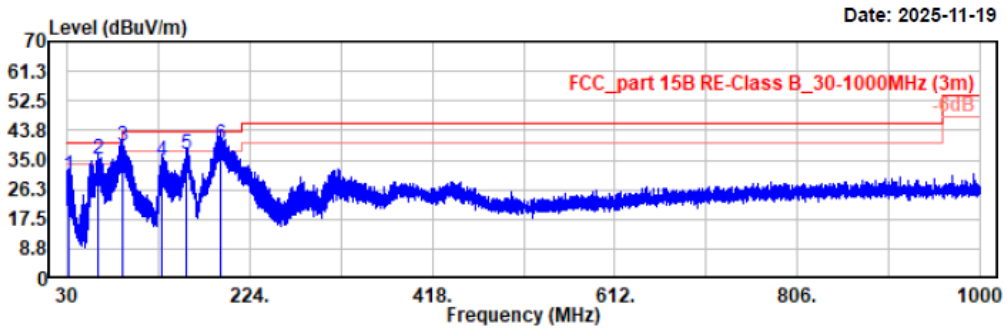


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
159.01	43.74	-11.46	32.28	43.50	11.22	Horizontal	QP
194.51	45.90	-12.01	33.89	43.50	9.61	Horizontal	QP
220.99	44.64	-12.62	32.02	46.00	13.98	Horizontal	Peak
321.68	41.83	-8.73	33.10	46.00	12.90	Horizontal	Peak
335.94	42.98	-8.38	34.60	46.00	11.40	Horizontal	Peak
439.15	33.38	-5.10	28.28	46.00	17.72	Horizontal	Peak

Project No.: 2507Y01139E-EM
Test Mode: Mode 1(136-174MHz)
EUT Model: RT-910
Test distance: 3m

Temp/Humi/ATM: 22.4℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter
(AC 120V/60Hz)



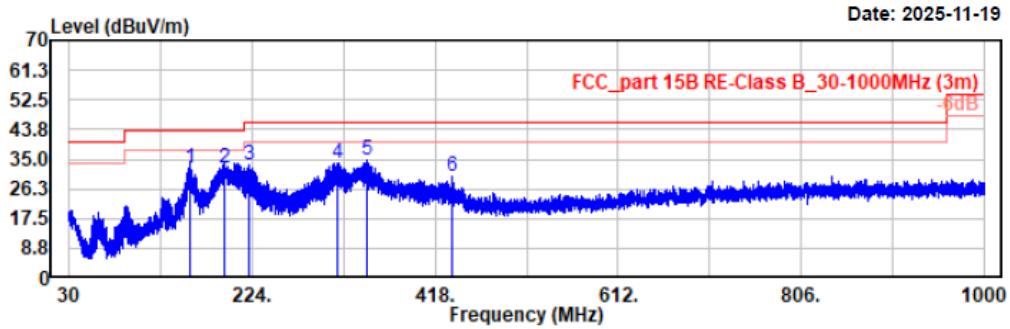
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.36	36.36	-6.04	30.32	40.00	9.68	Vertical	QP
62.79	52.57	-17.38	35.19	40.00	4.81	Vertical	QP
88.40	56.22	-17.19	39.03	43.50	4.47	Vertical	QP
129.72	44.96	-10.08	34.88	43.50	8.62	Vertical	QP
156.29	48.11	-11.35	36.76	43.50	6.74	Vertical	QP
192.48	51.89	-12.17	39.72	43.50	3.78	Vertical	QP

Model: RT-920(Worst)

Project No.: 2507Y01139E-EM
Test Mode: Mode 1(136-174MHz)
EUT Model: RT-920
Test distance: 3m

Temp/Humi/ATM: 22.4℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter
(AC 120V/60Hz)

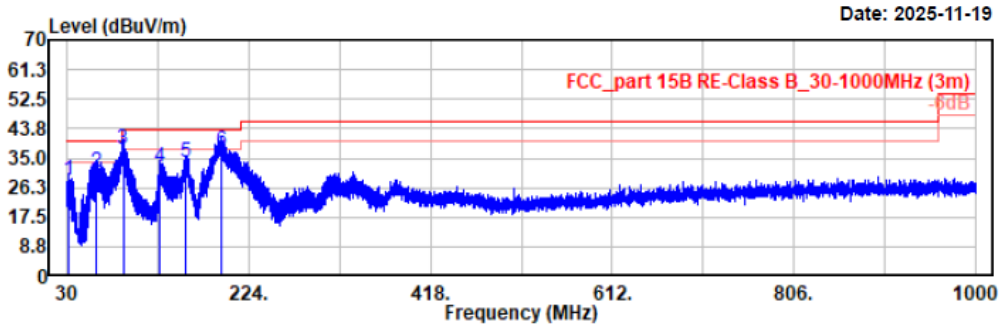


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
157.65	43.91	-11.48	32.43	43.50	11.07	Horizontal	QP
194.42	44.40	-12.02	32.38	43.50	11.12	Horizontal	QP
221.19	45.90	-12.62	33.28	46.00	12.72	Horizontal	Peak
314.79	42.72	-8.89	33.83	46.00	12.17	Horizontal	Peak
345.35	42.87	-8.22	34.65	46.00	11.35	Horizontal	Peak
436.04	34.95	-5.24	29.71	46.00	16.29	Horizontal	Peak

Project No.: 2507Y01139E-EM
Test Mode: Mode 1(136-174MHz)
EUT Model: RT-920
Test distance: 3m

Temp/Humi/ATM: 22.4℃/48%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter
(AC 120V/60Hz)



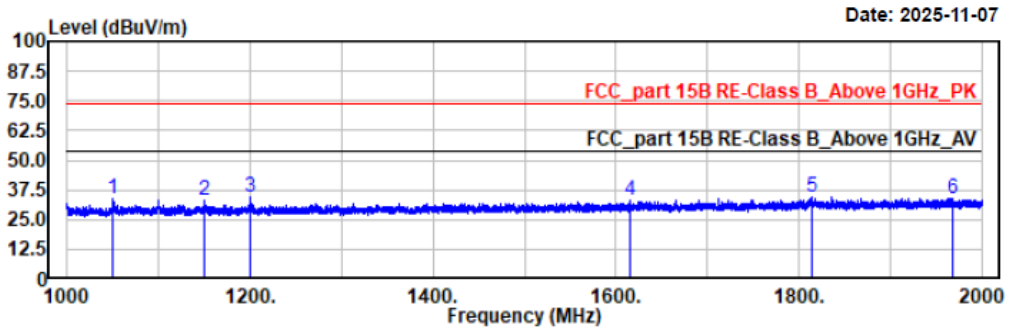
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
32.13	34.83	-6.48	28.35	40.00	11.65	Vertical	QP
60.46	48.54	-17.42	31.12	40.00	8.88	Vertical	QP
89.66	54.74	-17.04	37.70	43.50	5.80	Vertical	QP
129.43	42.34	-10.05	32.29	43.50	11.21	Vertical	QP
156.97	45.19	-11.48	33.71	43.50	9.79	Vertical	QP
194.42	49.05	-12.02	37.03	43.50	6.47	Vertical	QP

2) 1GHz~2GHz (Worst Case)

Project No.: 2507Y01139E-EM
Test Mode: Mode 1(136-174MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.6℃/49%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter (AC 120V/60Hz)

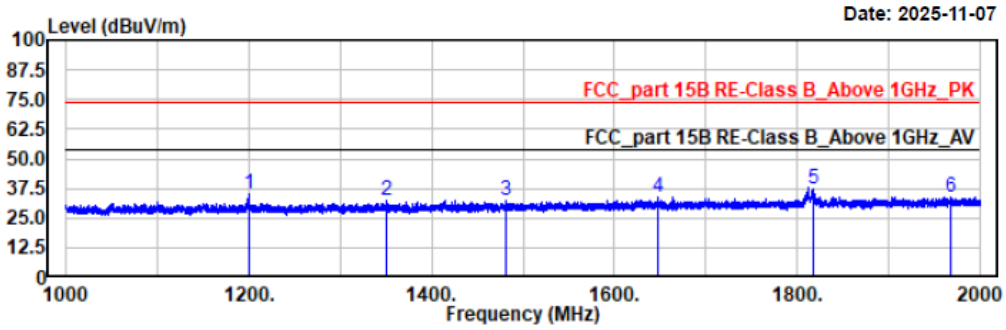


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1049.60	49.31	-15.55	33.76	74.00	40.24	horizontal	Peak
1149.80	48.53	-15.32	33.21	74.00	40.79	horizontal	Peak
1200.30	49.60	-15.11	34.49	74.00	39.51	horizontal	Peak
1614.90	47.17	-13.89	33.28	74.00	40.72	horizontal	Peak
1815.00	47.45	-13.18	34.27	74.00	39.73	horizontal	Peak
1968.70	46.75	-12.68	34.07	74.00	39.93	horizontal	Peak

Project No.: 2507Y01139E-EM
Test Mode: Mode 1(136-174MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.6℃/49%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter (AC 120V/60Hz)

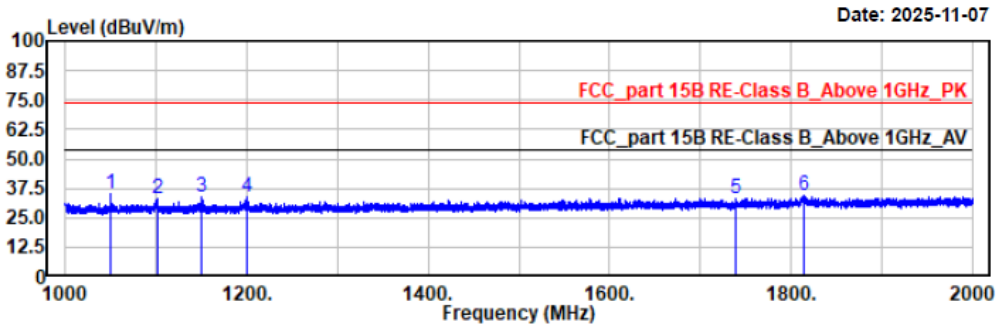


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1200.30	50.15	-15.11	35.04	74.00	38.96	vertical	Peak
1350.30	47.05	-14.89	32.16	74.00	41.84	vertical	Peak
1481.60	46.76	-14.44	32.32	74.00	41.68	vertical	Peak
1648.50	47.40	-13.81	33.59	74.00	40.41	vertical	Peak
1817.30	50.38	-13.18	37.20	74.00	36.80	vertical	Peak
1968.70	46.72	-12.68	34.04	74.00	39.96	vertical	Peak

Project No.: 2507Y01139E-EM
Test Mode: Mode 2(136-174MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.6℃/49%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 8.7V from charger
(AC 120V/60Hz)

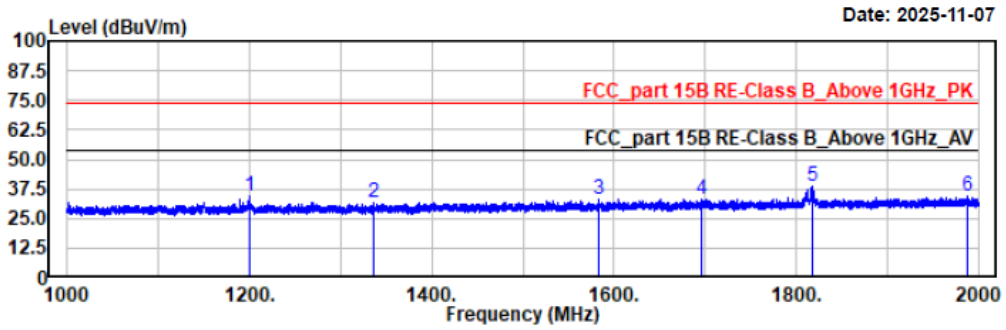


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1049.90	50.72	-15.55	35.17	74.00	38.83	horizontal	Peak
1101.00	48.22	-15.33	32.89	74.00	41.11	horizontal	Peak
1149.90	49.17	-15.32	33.85	74.00	40.15	horizontal	Peak
1200.30	49.18	-15.11	34.07	74.00	39.93	horizontal	Peak
1739.10	46.82	-13.53	33.29	74.00	40.71	horizontal	Peak
1814.80	47.51	-13.18	34.33	74.00	39.67	horizontal	Peak

Project No.: 2507Y01139E-EM
Test Mode: Mode 2(136-174MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.6℃/49%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 8.7V from charger (AC 120V/60Hz)

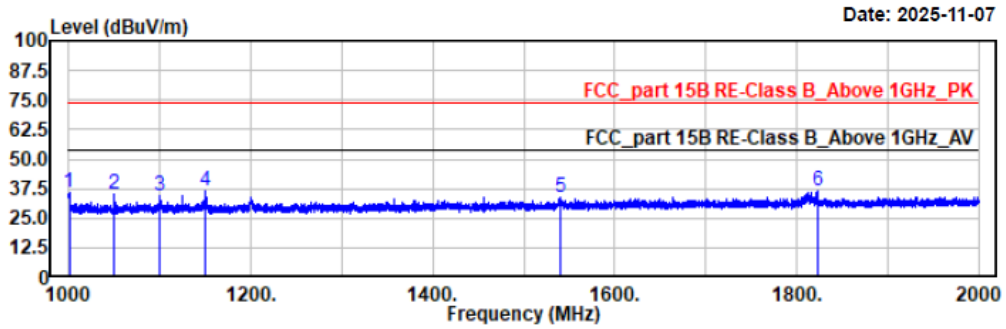


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1199.90	49.30	-15.11	34.19	74.00	39.81	vertical	Peak
1337.10	46.40	-14.93	31.47	74.00	42.53	vertical	Peak
1582.80	46.88	-14.04	32.84	74.00	41.16	vertical	Peak
1696.00	46.71	-13.61	33.10	74.00	40.90	vertical	Peak
1817.00	51.78	-13.18	38.60	74.00	35.40	vertical	Peak
1987.20	47.23	-12.60	34.63	74.00	39.37	vertical	Peak

Project No.: 2507Y01139E-EM
Test Mode: Mode 3(173.9875MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.6℃/49%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter (AC 120V/60Hz)

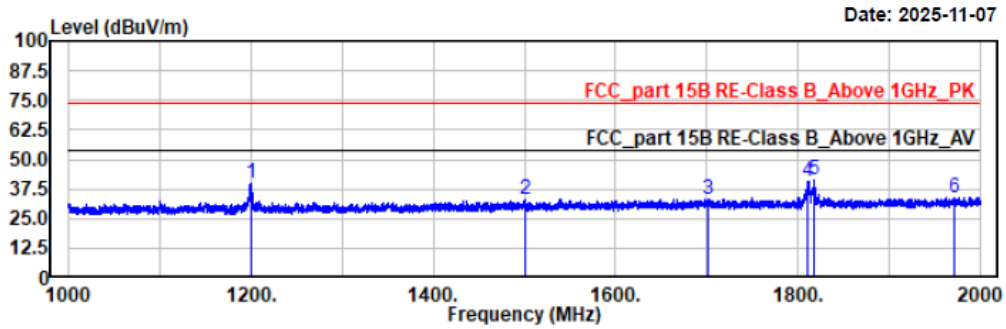


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1000.60	51.87	-15.68	36.19	74.00	37.81	horizontal	Peak
1049.90	50.94	-15.55	35.39	74.00	38.61	horizontal	Peak
1099.90	50.16	-15.33	34.83	74.00	39.17	horizontal	Peak
1149.90	52.11	-15.32	36.79	74.00	37.21	horizontal	Peak
1540.80	48.30	-14.28	34.02	74.00	39.98	horizontal	Peak
1822.70	49.88	-13.16	36.72	74.00	37.28	horizontal	Peak

Project No.: 2507Y01139E-EM
Test Mode: Mode 3(173.9875MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.6℃/49%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 5V from adapter (AC 120V/60Hz)

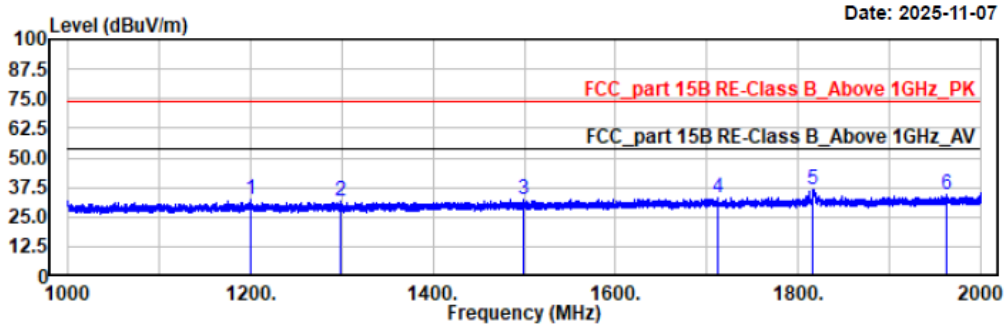


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1199.80	54.86	-15.11	39.75	74.00	34.25	vertical	Peak
1500.20	47.36	-14.38	32.98	74.00	41.02	vertical	Peak
1702.00	46.86	-13.59	33.27	74.00	40.73	vertical	Peak
1811.10	53.89	-13.19	40.70	74.00	33.30	vertical	Peak
1817.30	54.24	-13.18	41.06	74.00	32.94	vertical	Peak
1971.60	46.71	-12.67	34.04	74.00	39.96	vertical	Peak

Project No.: 2507Y01139E-EM
Test Mode: Mode 4(173.9875MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.6℃/49%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 8.7V from charger (AC 120V/60Hz)

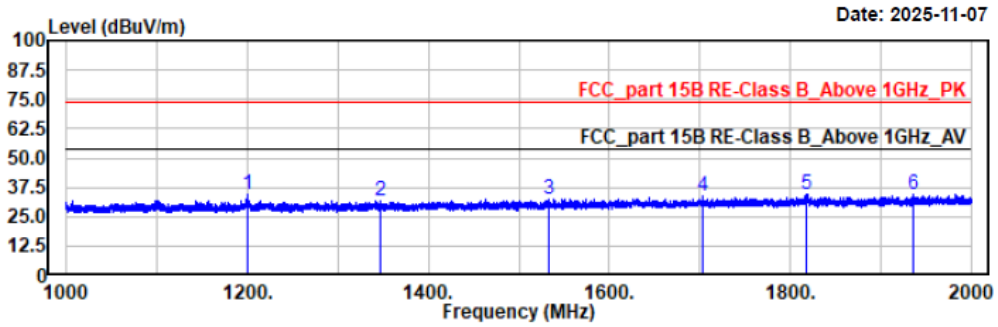


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1199.60	47.73	-15.11	32.62	74.00	41.38	horizontal	Peak
1299.50	46.39	-15.01	31.38	74.00	42.62	horizontal	Peak
1498.90	46.93	-14.38	32.55	74.00	41.45	horizontal	Peak
1712.50	46.36	-13.56	32.80	74.00	41.20	horizontal	Peak
1816.80	49.92	-13.18	36.74	74.00	37.26	horizontal	Peak
1962.20	46.90	-12.70	34.20	74.00	39.80	horizontal	Peak

Project No.: 2507Y01139E-EM
Test Mode: Mode 4(173.9875MHz)
EUT Model: BT11
Test distance: 3m

Temp/Humi/ATM: 22.6℃/49%/100.1kPa
Tested by: Zane Zhang
Power Source: DC 8.7V from charger
(AC 120V/60Hz)



Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1200.30	49.70	-15.11	34.59	74.00	39.41	vertical	Peak
1346.20	46.65	-14.91	31.74	74.00	42.26	vertical	Peak
1533.40	47.00	-14.29	32.71	74.00	41.29	vertical	Peak
1703.00	47.08	-13.58	33.50	74.00	40.50	vertical	Peak
1817.80	47.73	-13.17	34.56	74.00	39.44	vertical	Peak
1935.60	47.19	-12.82	34.37	74.00	39.63	vertical	Peak

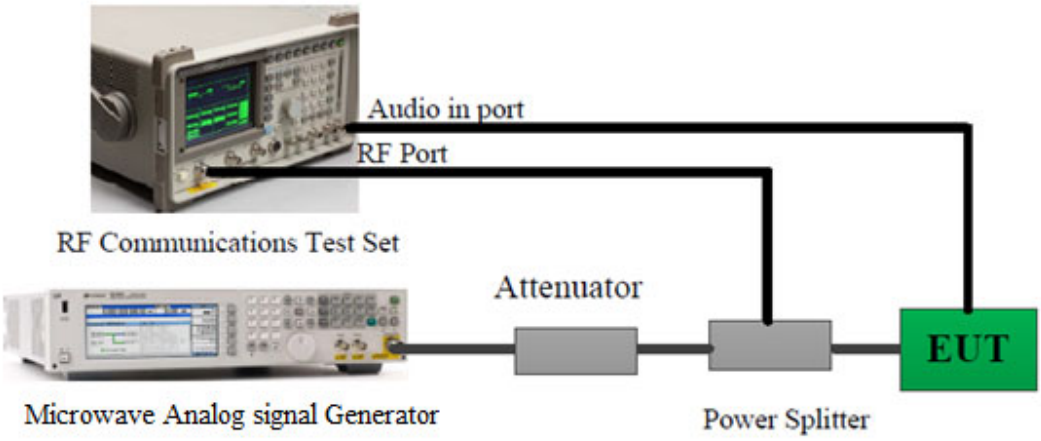
FCC §15.121(b) – SCANNING RECEIVERS AND FREQUENCY CONVERTERS USED WITH SCANNING RECEIVERS

Applicable Standard

FCC §15.121(b).
(b) Except as provided in paragraph (c) of this section, scanning receivers shall reject any signals from the Cellular Radiotelephone Service frequency bands that are 38 dB or lower based upon a 12 dB SINAD measurement, which is considered the threshold where a signal can be clearly discerned from any interference that may be present.

Test Procedure

1. Connected the EUT as the below block diagram;



2. Apply a signal to the EUT antenna port at lowest, middle, highest channel frequencies of the operating band;
3. Adjust the audio output level of the EUT to it's rated value with the distortion less than 10%;
4. Adjust the 8920 output power to produce 12 dB SINAD without the audio output power dropping by more than 3 dB; These output level of the 8920 at each channel frequency is the sensitivity of the EUT;
5. Select the lowest or worst case sensitivity level for all of the bands as the reference sensitivity;
6. Adjust the Signal Generator output to a level of +60 dB above the reference sensitivity obtained in step 5 and its frequency to the frequency point in the Cellular Band;
7. Set the EUT squelch to threshold, the signal required to open the squelch must be lower than the reference sensitivity level;
8. Set the EUT in a scanning mode and allow it to scan through it's complete receiving range;
9. If the EUT un-squelched or stopped on any frequency, receiving at this frequency, then adjust the signal generator output level until 12 dB SINAD is produced, this level is the spurious value and the difference between the reference sensitivity and the spurious value is the rejection ratio and must be at least 38 dB;
10. Repeat above procedure at the frequencies 824, 836, 849 MHz for the mobile band, and 869, 881.5 and 894 MHz for the Cellular Base Band.

Test Data

Test Mode:	Scanning	Test Engineer:	Lucas Lin
Test Date:	2025-11-04	Test Result:	Pass

Environment Conditions:					
Temperature: (°C)	24.7	Relative Humidity: (%)	50	ATM Pressure: (kPa)	100.1

Scanning Frequency Range (MHz)	Test Frequency (MHz)	Measurement Result (Worst Case) (dB)	Limit (dB)
136-174	824, 836, 849, 869, 881.5, 894	48	>38
400-520	824, 836, 849, 869, 881.5, 894	46	>38

EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2507Y01139E-EM-EXP EUT EXTERNAL PHOTOGRAPHS and 2507Y01139E-EM-INP EUT INTERNAL PHOTOGRAPHS

EXHIBIT B – TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2507Y01139E-EM-TSP TEST SETUP PHOTOGRAPHS

Declarations

1. Bay Area Compliance Laboratories Corp. (Xiamen) is not responsible for authenticity of any information provided by the applicant. Information from the applicant that may affect test results are marked with an asterisk "★".

2. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested.

3. Unless required by the rule provided by the applicant or product regulations, then decision rule in this report did not consider the uncertainty.

4. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor k=2 with the 95 % confidence interval.

5. This report cannot be reproduced except in full, without prior written approval of Bay Area Compliance Laboratories Corp. (Xiamen).

6. This report is valid only with a valid digital signature. The digital signature may be available only under the adobe software above version 7.0.

*******END OF REPORT*******