



FCC PART 15B

TEST REPORT

For

Fujian Quanzhou Union Times technology Co., LTD

4th Floor, No. 132, Xiamei Village, Xiamei Town, Nanan City, Quanzhou City, Fujian Province, China

FCC ID: 2BNNJ-H301PLUS

Report Type:	Product Name:
Original Report	walkie talkie
Report Number:	2507Q07253E-EM-01
Report Date:	2025-06-18
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

TABLE OF CONTENTS

REPORT REVISION HISTORY	3
GENERAL INFORMATION.....	4
PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT)	4
OBJECTIVE	4
TEST FACILITY	4
MEASUREMENT UNCERTAINTY.....	5
SYSTEM TEST CONFIGURATION.....	6
TEST MODE AND VOLTAGE.....	6
DESCRIPTION OF TEST CONFIGURATION	6
EUT EXERCISE SOFTWARE	6
SPECIAL ACCESSORIES.....	6
EQUIPMENT MODIFICATIONS	6
SUPPORT EQUIPMENT LIST AND DETAILS	6
EXTERNAL I/O CABLE.....	6
BLOCK DIAGRAM OF TEST SETUP	7
SUMMARY OF TEST RESULTS	9
TEST EQUIPMENT LIST	10
FCC §15.107 - CONDUCTED EMISSION	11
APPLICABLE STANDARD	11
TEST SYSTEM SETUP.....	11
EMI TEST RECEIVER SETUP.....	12
TEST PROCEDURE	12
RESULT & MARGIN CALCULATION	12
TEST DATA	13
FCC §15.109 - RADIATED EMISSION IN FREQUENCY	21
APPLICABLE STANDARD	21
TEST SYSTEM SETUP.....	21
EMI TEST RECEIVER SETUP.....	22
TEST PROCEDURE	22
RESULT & MARGIN CALCULATION	22
TEST DATA	23
FCC §15.121(B) – SCANNING RECEIVERS AND FREQUENCY CONVERTERS USED WITH SCANNING RECEIVERS.....	39
APPLICABLE STANDARD	39
TEST PROCEDURE	39
TEST DATA	40
EXHIBIT A - EUT PHOTOGRAPHS.....	41
EXHIBIT B – TEST SETUP PHOTOGRAPHS.....	42

REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	2507Q07253E-EM-01	R1V1	2025-06-18	Initial Release

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Applicant:		Fujian Quanzhou Union Times technology Co., LTD
Product Name:		walkie talkie
Tested Model:		H301plus
Series Model(s):		H302plus, H303plus, H305plus, H306plus, H10A
Trade Mark:		N/A
Power Supply:		DC 3.7V from battery or DC 5V from adapter
Adapter information	Model:	SP-D0077
	Input:	AC 100-240V, 50/60Hz, 0.15A
	Output:	DC 5.0V, 1A, 5W
★Highest Operating Frequency:		480 MHz
EUT Receive Status:		Good
<i>Note:</i>		
<i>1. The highest operating frequency is provided by the applicant.</i>		
<i>2. The difference between tested model and series model is model name and appearance (outer speaker enclosure), the internal structure was consistent, so only the H301plus was chosen for testing. Please refer to declaration letter for more detail.</i>		
<i>3. All measurement and test data in this report was gathered from production sample serial number: 2Y4N-7 (Assigned by the BACL (Xiamen). The EUT was received on 2025-02-07).</i>		

Objective

This report is prepared for *Fujian Quanzhou Union Times 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°C

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 & Receiving
Test voltage:	DC 5V from adapter (AC 120V/60Hz)
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

Operation Modes	Operation Frequency Range (MHz)	Test Frequency (MHz)
Scanning	400-480	400-480
UHF Receiving	400-480	400.0125, 440, 479.9875

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

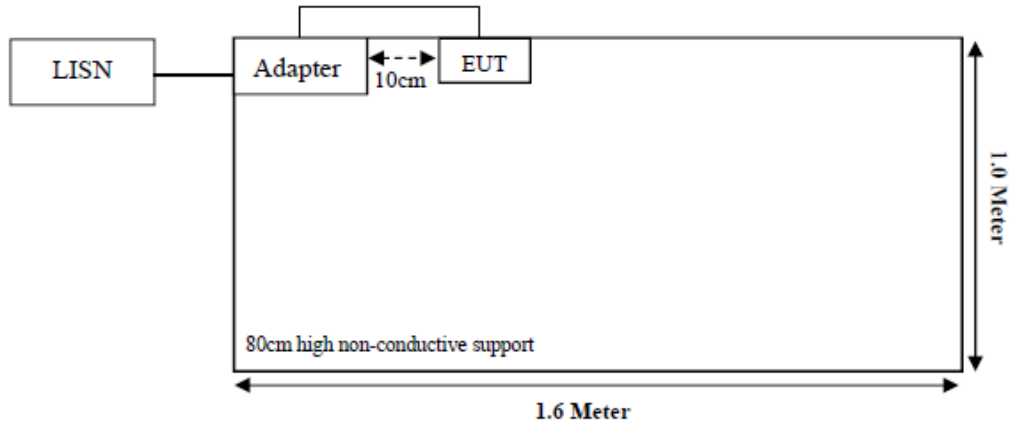
External I/O Cable

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

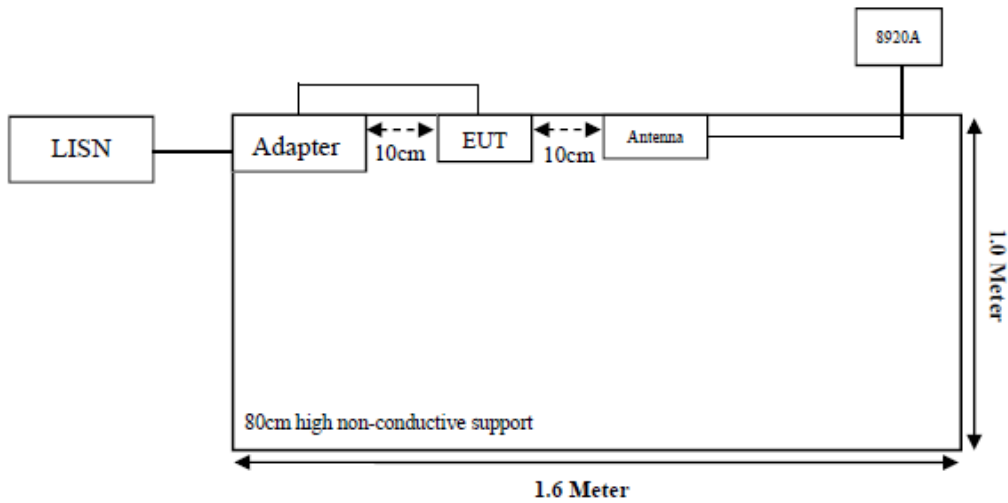
Block Diagram of Test Setup

Conducted Emission:

Test Mode 1:

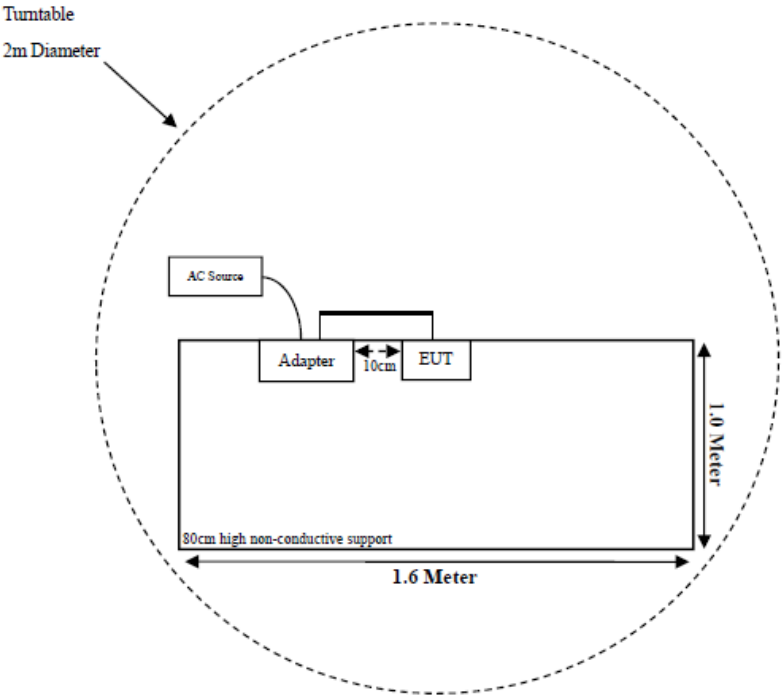


Test Mode 2:

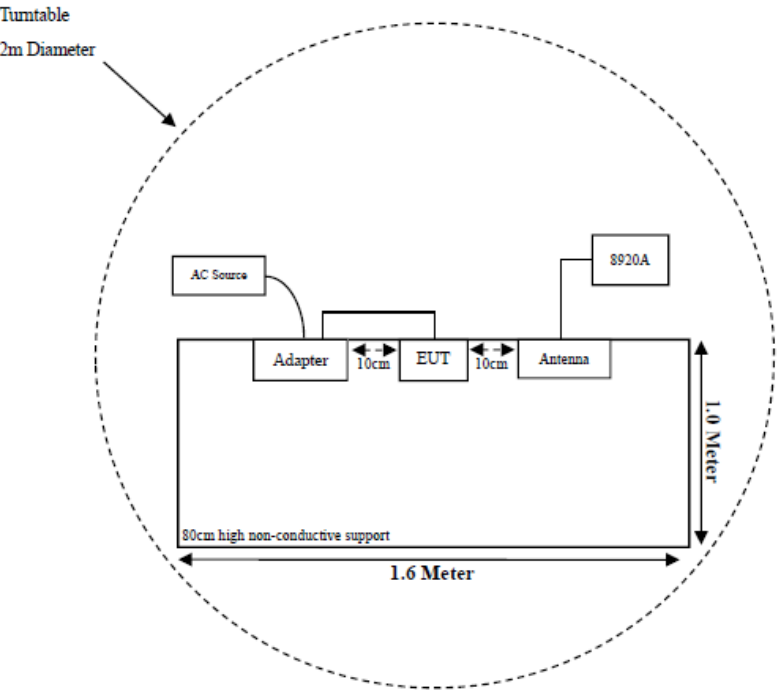


Radiated Emission:

Test Mode 1:



Test Mode 2:



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	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
Radiated Emission 30 MHz to 1 GHz					
EMI Test Receiver	Rohde & Schwarz	ESR	103103	2024/03/29	2025/03/28
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
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	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
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	2024/04/26	2025/04/25
Power Splitter	narda	4426LB-2	1661	N/A	N/A
Microwave Analog Signal Generator	Agilent	N5183A	MY47420335	2024/03/29	2025/03/28
Attenuator	Electronic Corporation	30-WA-FFN-30	1172435	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).

FCC §15.107 - CONDUCTED EMISSION

Applicable Standard

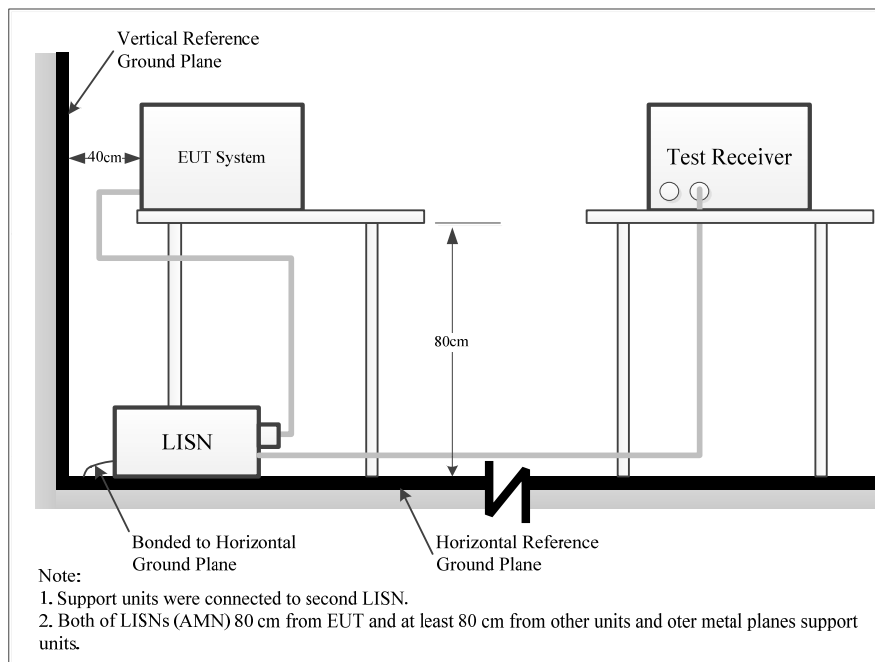
FCC §15.107

(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 μ H/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 (dB μ V)	
	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



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:

$$\text{Factor (dB)} = \text{LISN VDF (dB)} + \text{Cable Loss (dB)} + \text{Transient Limiter Attenuation (dB)}$$

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

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:

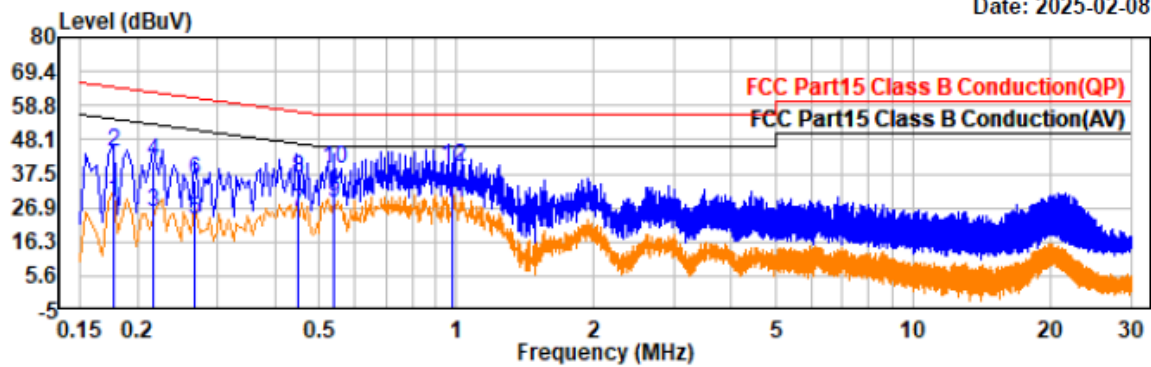
$$\text{Margin (dB)} = \text{Limit (dB}\mu\text{V)} - \text{Result (dB}\mu\text{V)}$$

Test Data

Project No.: 2507Q07253E-EM
Test Mode: Mode 1(400-480MHz)
EUT Model: H301plus

Temp/Humi/ATM: 21.7°C/38%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-02-08



Trace: 1

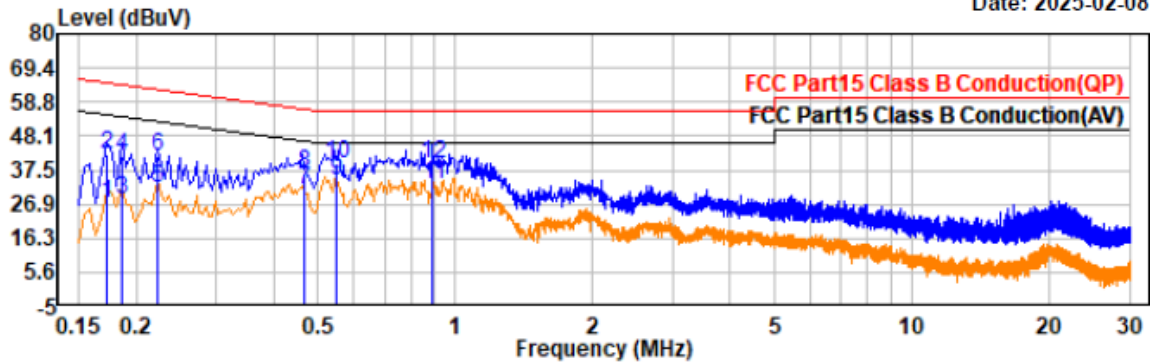
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.18	8.19	20.71	28.90	54.56	25.66	Line	Average
0.18	23.68	20.71	44.39	64.56	20.17	Line	QP
0.22	5.15	20.54	25.69	52.97	27.28	Line	Average
0.22	20.83	20.54	41.37	62.97	21.60	Line	QP
0.27	2.55	20.47	23.02	51.19	28.17	Line	Average
0.27	15.20	20.47	35.67	61.19	25.52	Line	QP
0.45	5.01	20.32	25.33	46.88	21.55	Line	Average
0.45	15.56	20.32	35.88	56.88	21.00	Line	QP
0.54	7.89	20.34	28.23	46.00	17.77	Line	Average
0.54	18.78	20.34	39.12	56.00	16.88	Line	QP
0.98	7.44	20.90	28.34	46.00	17.66	Line	Average
0.98	18.74	20.90	39.64	56.00	16.36	Line	QP

Project No.: 2507Q07253E-EM
Test Mode: Mode 1(400-480MHz)
EUT Model: H301plus

Temp/Humi/ATM: 21.7°C/38%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-02-08



Trace: 1

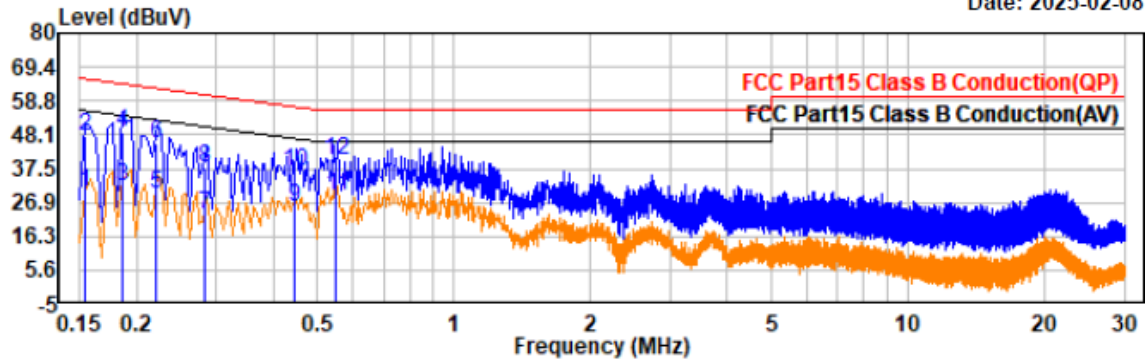
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.17	6.36	20.70	27.06	54.86	27.80	Neutral	Average
0.17	21.63	20.70	42.33	64.86	22.53	Neutral	QP
0.19	7.61	20.68	28.29	54.20	25.91	Neutral	Average
0.19	21.42	20.68	42.10	64.20	22.10	Neutral	QP
0.22	11.09	20.63	31.72	52.67	20.95	Neutral	Average
0.22	21.28	20.63	41.91	62.67	20.76	Neutral	QP
0.47	10.68	20.41	31.09	46.53	15.44	Neutral	Average
0.47	16.03	20.41	36.44	56.53	20.09	Neutral	QP
0.55	13.65	20.36	34.01	46.00	11.99	Neutral	Average
0.55	19.39	20.36	39.75	56.00	16.25	Neutral	QP
0.89	12.13	20.72	32.85	46.00	13.15	Neutral	Average
0.89	19.02	20.72	39.74	56.00	16.26	Neutral	QP

Project No.: 2507Q07253E-EM
Test Mode: Mode 2(400.0125MHz)
EUT Model: H301plus

Temp/Humi/ATM: 21.7°C/38%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-02-08



Trace: 1

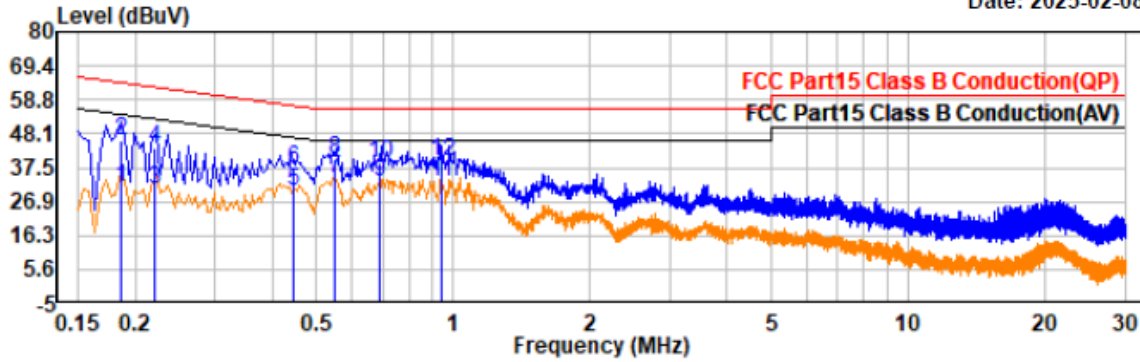
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.15	9.06	20.90	29.96	55.80	25.84	Line	Average
0.15	27.13	20.90	48.03	65.80	17.77	Line	QP
0.19	11.35	20.66	32.01	54.19	22.18	Line	Average
0.19	28.33	20.66	48.99	64.19	15.20	Line	QP
0.22	8.78	20.54	29.32	52.80	23.48	Line	Average
0.22	24.95	20.54	45.49	62.80	17.31	Line	QP
0.28	2.56	20.47	23.03	50.75	27.72	Line	Average
0.28	17.46	20.47	37.93	60.75	22.82	Line	QP
0.45	5.29	20.33	25.62	46.92	21.30	Line	Average
0.45	16.42	20.33	36.75	56.92	20.17	Line	QP
0.55	8.73	20.35	29.08	46.00	16.92	Line	Average
0.55	19.99	20.35	40.34	56.00	15.66	Line	QP

Project No.: 2507Q07253E-EM
 Test Mode: Mode 2(400.0125MHz)
 EUT Model: H301plus

Temp/Humi/ATM: 21.7°C/38%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-02-08



Trace: 1

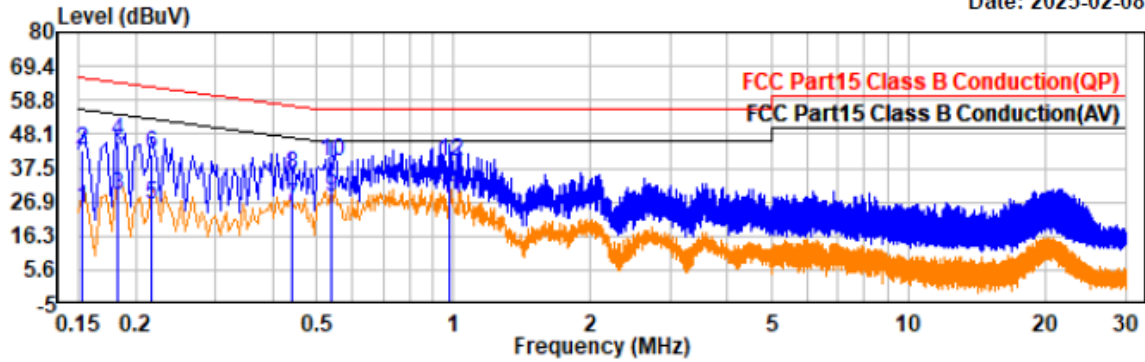
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.19	10.66	20.68	31.34	54.20	22.86	Neutral	Average
0.19	25.52	20.68	46.20	64.20	18.00	Neutral	QP
0.22	10.25	20.64	30.89	52.81	21.92	Neutral	Average
0.22	22.88	20.64	43.52	62.81	19.29	Neutral	QP
0.44	9.98	20.43	30.41	46.98	16.57	Neutral	Average
0.44	16.62	20.43	37.05	56.98	19.93	Neutral	QP
0.55	13.79	20.36	34.15	46.00	11.85	Neutral	Average
0.55	19.89	20.36	40.25	56.00	15.75	Neutral	QP
0.69	12.73	20.30	33.03	46.00	12.97	Neutral	Average
0.69	18.68	20.30	38.98	56.00	17.02	Neutral	QP
0.94	12.35	20.82	33.17	46.00	12.83	Neutral	Average
0.94	18.84	20.82	39.66	56.00	16.34	Neutral	QP

Project No.: 2507Q07253E-EM
Test Mode: Mode 2(440MHz)
EUT Model: H301plus

Temp/Humi/ATM: 21.7°C/38%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-02-08



Trace: 1

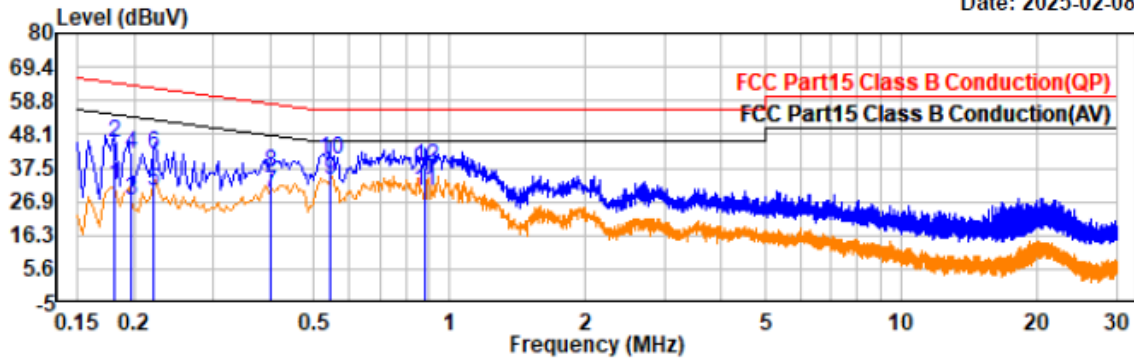
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.15	4.12	20.90	25.02	55.83	30.81	Line	Average
0.15	21.95	20.90	42.85	65.83	22.98	Line	QP
0.18	8.47	20.68	29.15	54.34	25.19	Line	Average
0.18	25.37	20.68	46.05	64.34	18.29	Line	QP
0.22	5.64	20.54	26.18	52.92	26.74	Line	Average
0.22	21.63	20.54	42.17	62.92	20.75	Line	QP
0.44	4.97	20.33	25.30	47.06	21.76	Line	Average
0.44	15.28	20.33	35.61	57.06	21.45	Line	QP
0.54	7.98	20.34	28.32	46.00	17.68	Line	Average
0.54	19.22	20.34	39.56	56.00	16.44	Line	QP
0.98	7.02	20.90	27.92	46.00	18.08	Line	Average
0.98	18.74	20.90	39.64	56.00	16.36	Line	QP

Project No.: 2507Q07253E-EM
 Test Mode: Mode 2(440MHz)
 EUT Model: H301plus

Temp/Humi/ATM: 21.7°C/38%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-02-08



Trace: 1

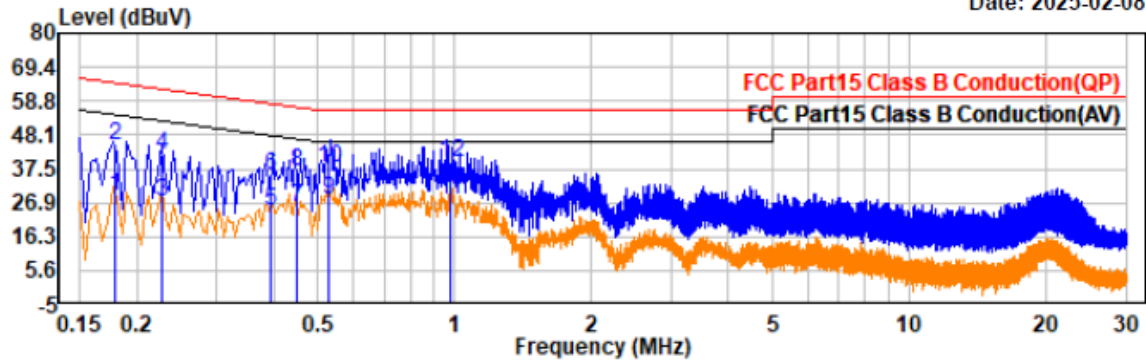
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.18	11.23	20.69	31.92	54.45	22.53	Neutral	Average
0.18	24.97	20.69	45.66	64.45	18.79	Neutral	QP
0.20	6.68	20.68	27.36	53.74	26.38	Neutral	Average
0.20	21.05	20.68	41.73	63.74	22.01	Neutral	QP
0.22	9.78	20.64	30.42	52.82	22.40	Neutral	Average
0.22	21.17	20.64	41.81	62.82	21.01	Neutral	QP
0.40	8.93	20.45	29.38	47.86	18.48	Neutral	Average
0.40	15.42	20.45	35.87	57.86	21.99	Neutral	QP
0.54	13.38	20.37	33.75	46.00	12.25	Neutral	Average
0.54	20.05	20.37	40.42	56.00	15.58	Neutral	QP
0.88	9.49	20.70	30.19	46.00	15.81	Neutral	Average
0.88	17.00	20.70	37.70	56.00	18.30	Neutral	QP

Project No.: 2507Q07253E-EM
Test Mode: Mode 2(479.9875MHz)
EUT Model: H301plus

Temp/Humi/ATM: 21.7°C/38%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-02-08



Trace: 1

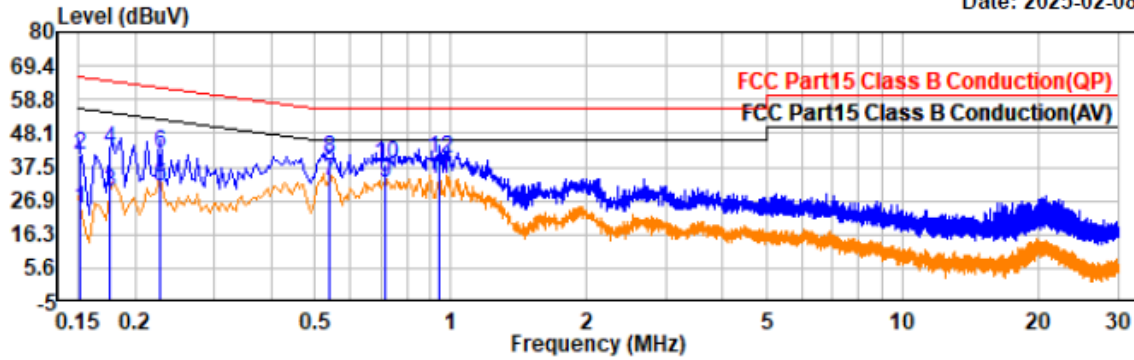
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.18	8.23	20.71	28.94	54.55	25.61	Line	Average
0.18	23.86	20.71	44.57	64.55	19.98	Line	QP
0.23	6.68	20.53	27.21	52.57	25.36	Line	Average
0.23	21.56	20.53	42.09	62.57	20.48	Line	QP
0.40	3.98	20.36	24.34	47.94	23.60	Line	Average
0.40	14.80	20.36	35.16	57.94	22.78	Line	QP
0.45	5.05	20.32	25.37	46.88	21.51	Line	Average
0.45	16.16	20.32	36.48	56.88	20.40	Line	QP
0.53	7.44	20.32	27.76	46.00	18.24	Line	Average
0.53	17.40	20.32	37.72	56.00	18.28	Line	QP
0.98	6.79	20.90	27.69	46.00	18.31	Line	Average
0.98	18.83	20.90	39.73	56.00	16.27	Line	QP

Project No.: 2507Q07253E-EM
Test Mode: Mode 2(479.9875MHz)
EUT Model: H301plus

Temp/Humi/ATM: 21.7°C/38%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-02-08



Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.15	3.69	20.73	24.42	55.97	31.55	Neutral	Average
0.15	20.71	20.73	41.44	65.97	24.53	Neutral	QP
0.18	8.97	20.70	29.67	54.70	25.03	Neutral	Average
0.18	22.55	20.70	43.25	64.70	21.45	Neutral	QP
0.23	10.64	20.63	31.27	52.58	21.31	Neutral	Average
0.23	21.51	20.63	42.14	62.58	20.44	Neutral	QP
0.54	12.96	20.37	33.33	46.00	12.67	Neutral	Average
0.54	19.48	20.37	39.85	56.00	16.15	Neutral	QP
0.71	12.01	20.33	32.34	46.00	13.66	Neutral	Average
0.71	18.12	20.33	38.45	56.00	17.55	Neutral	QP
0.94	12.92	20.82	33.74	46.00	12.26	Neutral	Average
0.94	19.05	20.82	39.87	56.00	16.13	Neutral	QP

FCC §15.109 - RADIATED EMISSION IN FREQUENCY**Applicable Standard**

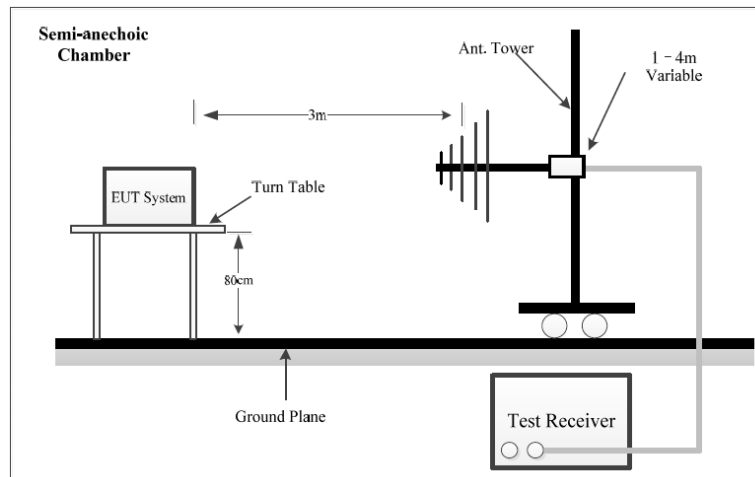
FCC§15.109

(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:

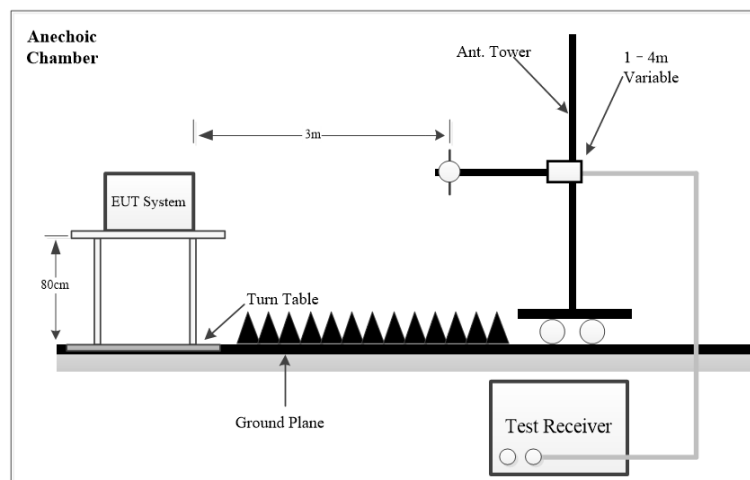
Frequency of emission (MHz)	Field strength (microvolts/meter)
30–88	100
88–216	150
216–960	200
Above 960	500

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 2 GHz.

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

Frequency Range	RBW	VBW	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)

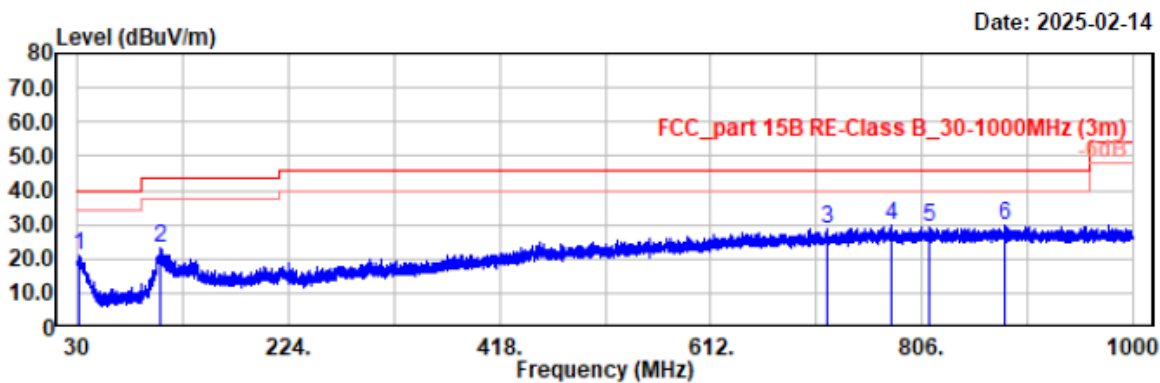
Test Data

Please refer to below plots:

1) 30MHz-1GHz:

Project No.: 2507Q07253E-EM
Test Mode: Mode 1(400-480MHz)
EUT Model: H301plus
Test distance: 3m

Temp/Humi/ATM: 23.8°C/53%/100.1kPa
Tested by: Jason Hu
Power Source: DC 5V from Adapter
(AC 120V/60Hz)

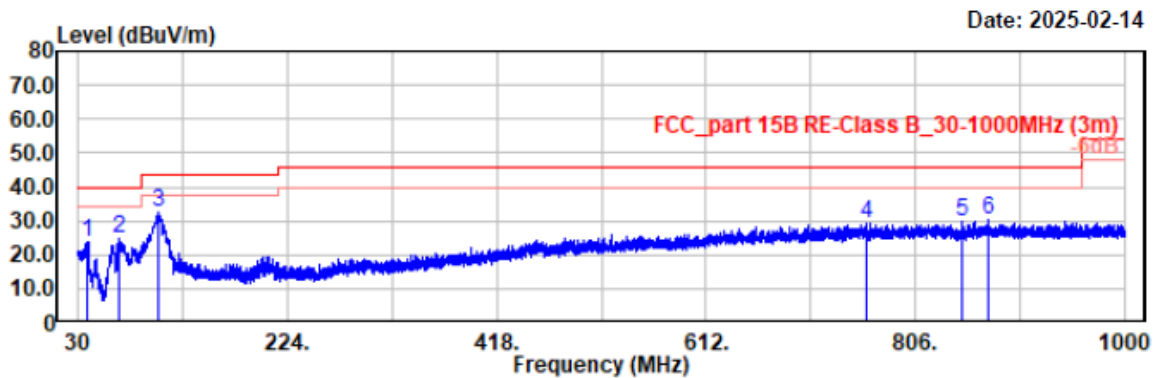


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
32.04	27.26	-6.42	20.84	40.00	19.16	Horizontal	Peak
106.73	36.05	-12.82	23.23	43.50	20.27	Horizontal	Peak
719.09	28.83	0.02	28.85	46.00	17.15	Horizontal	Peak
778.45	28.88	1.04	29.92	46.00	16.08	Horizontal	Peak
812.21	27.96	1.39	29.35	46.00	16.65	Horizontal	Peak
883.02	27.41	2.37	29.78	46.00	16.22	Horizontal	Peak

Project No.: 2507Q07253E-EM
Test Mode: Mode 1(400-480MHz)
EUT Model: H301plus
Test distance: 3m

Temp/Humi/ATM: 23.8°C/53%/100.1kPa
Tested by: Jason Hu
Power Source: DC 5V from Adapter
(AC 120V/60Hz)

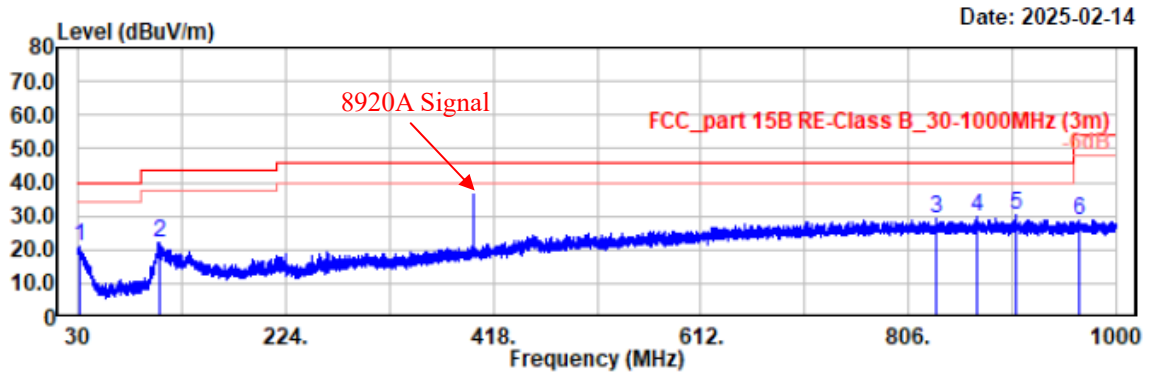


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
38.54	34.48	-10.59	23.89	40.00	16.11	Vertical	Peak
68.22	42.05	-17.12	24.93	40.00	15.07	Vertical	Peak
104.01	46.22	-13.76	32.46	43.50	11.04	Vertical	Peak
760.90	28.76	0.62	29.38	46.00	16.62	Vertical	Peak
849.65	27.91	1.93	29.84	46.00	16.16	Vertical	Peak
874.00	27.97	2.22	30.19	46.00	15.81	Vertical	Peak

Project No.: 2507Q07253E-EM
 Test Mode: Mode 2(400.0125MHz)
 EUT Model: H301plus
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/53%/100.1kPa
 Tested by: Jason Hu
 Power Source: DC 5V from Adapter
 (AC 120V/60Hz)



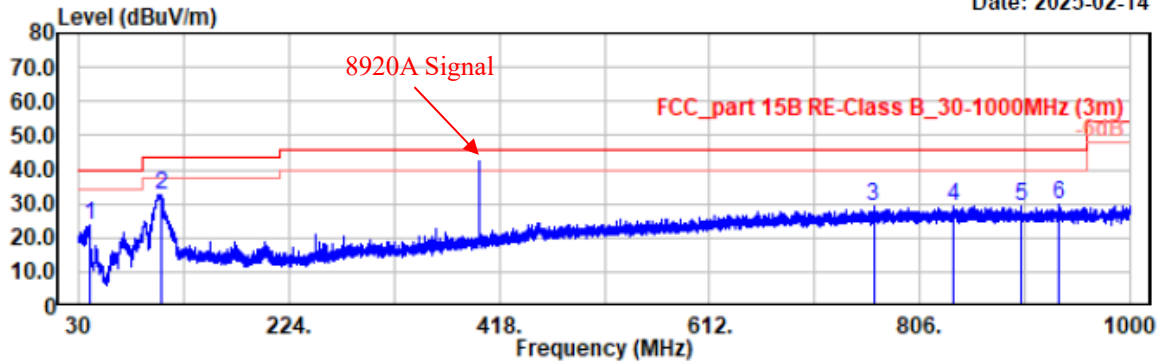
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.87	26.70	-5.82	20.88	40.00	19.12	Horizontal	Peak
105.85	35.40	-13.09	22.31	43.50	21.19	Horizontal	Peak
832.29	27.32	1.78	29.10	46.00	16.90	Horizontal	Peak
870.60	27.77	2.13	29.90	46.00	16.10	Horizontal	Peak
907.17	27.55	2.61	30.16	46.00	15.84	Horizontal	Peak
966.15	25.16	3.48	28.64	54.00	25.36	Horizontal	Peak

Project No.: 2507Q07253E-EM
Test Mode: Mode 2(400.0125MHz)
EUT Model: H301plus
Test distance: 3m

Temp/Humi/ATM: 23.8°C/53%/100.1kPa
Tested by: Jason Hu
Power Source: DC 5V from Adapter
(AC 120V/60Hz)

Date: 2025-02-14

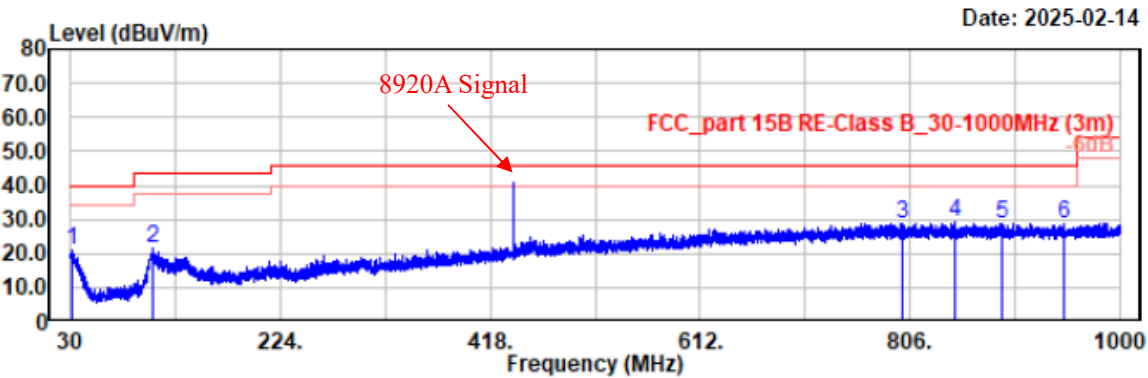


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
39.41	34.90	-11.21	23.69	40.00	16.31	Vertical	Peak
105.37	45.93	-13.24	32.69	43.50	10.81	Vertical	Peak
763.32	28.47	0.68	29.15	46.00	16.85	Vertical	Peak
837.04	27.33	1.79	29.12	46.00	16.88	Vertical	Peak
900.19	26.43	2.54	28.97	46.00	17.03	Vertical	Peak
933.94	26.50	3.03	29.53	46.00	16.47	Vertical	Peak

Project No.: 2507Q07253E-EM
Test Mode: Mode 2(440MHz)
EUT Model: H301plus
Test distance: 3m

Temp/Humi/ATM: 23.8°C/53%/100.1kPa
Tested by: Jason Hu
Power Source: DC 5V from Adapter
(AC 120V/60Hz)



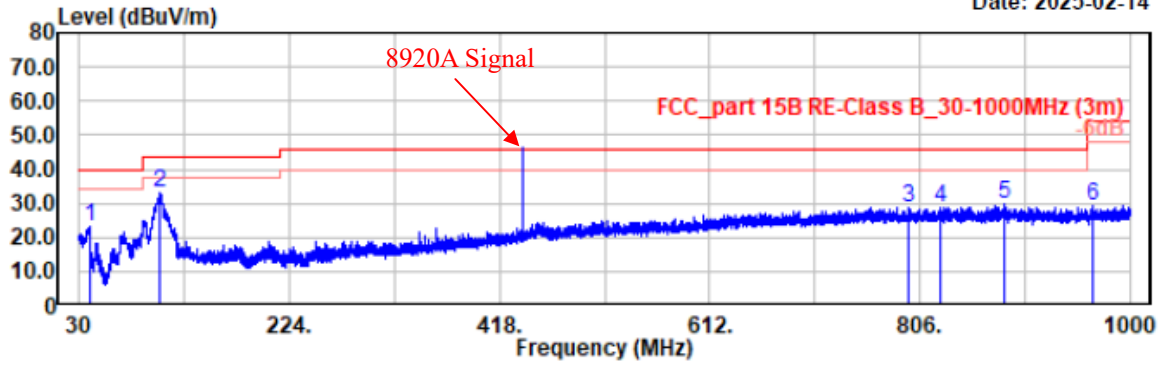
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.78	26.89	-5.79	21.10	40.00	18.90	Horizontal	Peak
106.05	34.54	-13.04	21.50	43.50	22.00	Horizontal	Peak
798.73	27.64	1.25	28.89	46.00	17.11	Horizontal	Peak
847.81	27.26	1.89	29.15	46.00	16.85	Horizontal	Peak
891.26	26.45	2.48	28.93	46.00	17.07	Horizontal	Peak
948.88	25.62	3.14	28.76	46.00	17.24	Horizontal	Peak

Project No.: 2507Q07253E-EM
 Test Mode: Mode 2(440MHz)
 EUT Model: H301plus
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/53%/100.1kPa
 Tested by: Jason Hu
 Power Source: DC 5V from Adapter
 (AC 120V/60Hz)

Date: 2025-02-14



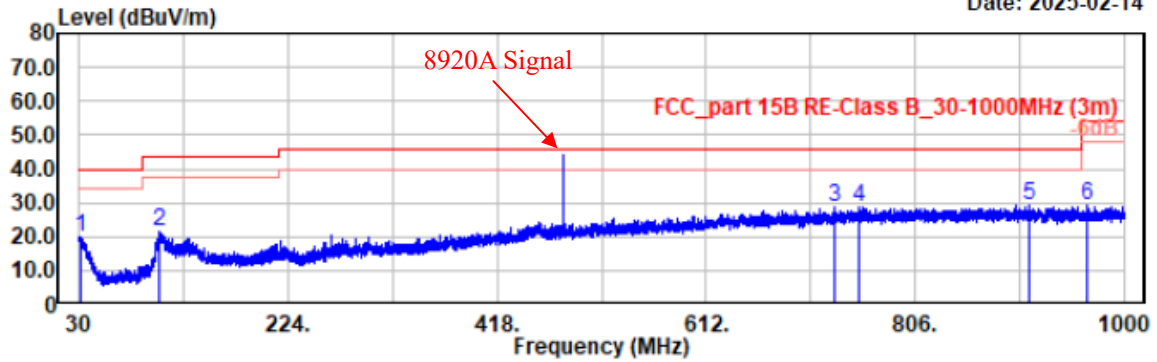
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
39.51	34.54	-11.30	23.24	40.00	16.76	Vertical	Peak
104.50	46.55	-13.56	32.99	43.50	10.51	Vertical	Peak
795.43	27.70	1.23	28.93	46.00	17.07	Vertical	Peak
825.21	27.23	1.65	28.88	46.00	17.12	Vertical	Peak
884.67	27.18	2.37	29.55	46.00	16.45	Vertical	Peak
964.89	25.60	3.49	29.09	54.00	24.91	Vertical	Peak

Project No.: 2507Q07253E-EM
 Test Mode: Mode 2(479.9875MHz)
 EUT Model: H301plus
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/53%/100.1kPa
 Tested by: Jason Hu
 Power Source: DC 5V from Adapter
 (AC 120V/60Hz)

Date: 2025-02-14

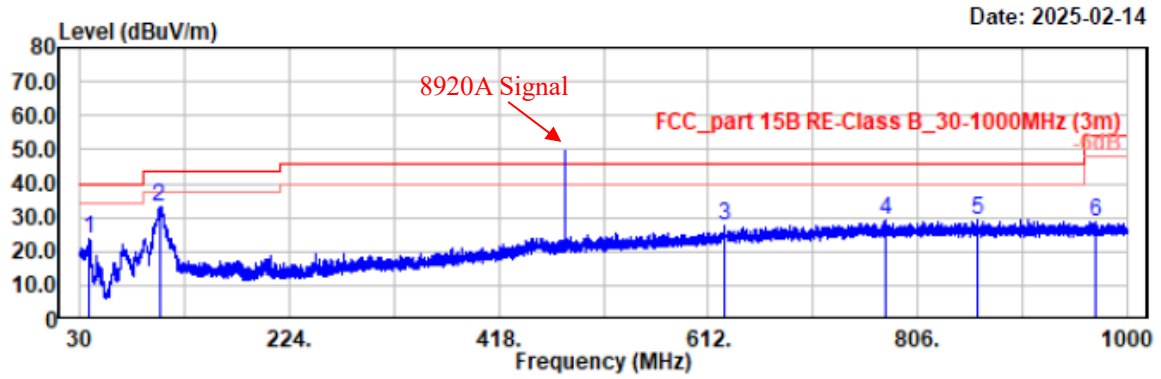


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.07	25.88	-5.89	19.99	40.00	20.01	Horizontal	Peak
105.08	34.74	-13.34	21.40	43.50	22.10	Horizontal	Peak
731.41	28.27	0.15	28.42	46.00	17.58	Horizontal	Peak
753.91	28.23	0.49	28.72	46.00	17.28	Horizontal	Peak
911.15	26.80	2.68	29.48	46.00	16.52	Horizontal	Peak
965.08	25.93	3.49	29.42	54.00	24.58	Horizontal	Peak

Project No.: 2507Q07253E-EM
 Test Mode: Mode 2(479.9875MHz)
 EUT Model: H301plus
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/53%/100.1kPa
 Tested by: Jason Hu
 Power Source: DC 5V from Adapter
 (AC 120V/60Hz)



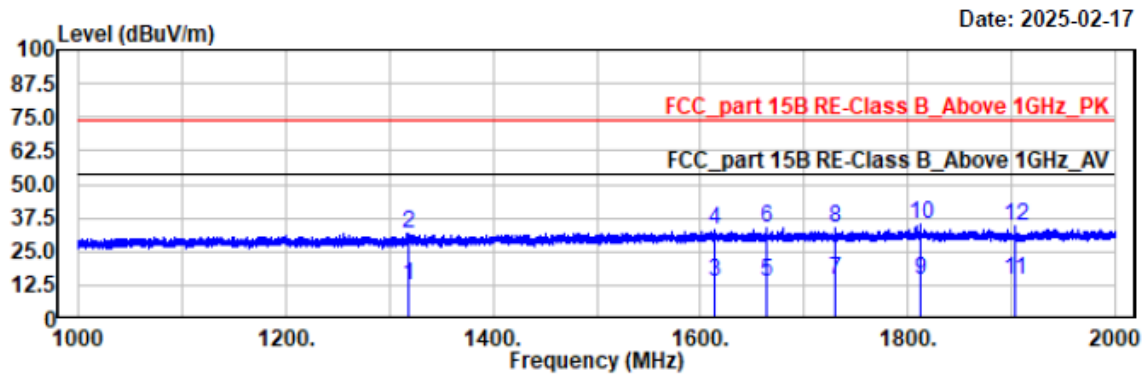
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
39.22	34.52	-11.04	23.48	40.00	16.52	Vertical	Peak
103.53	46.87	-13.86	33.01	43.50	10.49	Vertical	Peak
626.45	29.11	-1.39	27.72	46.00	18.28	Vertical	Peak
775.74	28.22	0.97	29.19	46.00	16.81	Vertical	Peak
860.71	27.00	2.09	29.09	46.00	16.91	Vertical	Peak
970.22	25.50	3.42	28.92	54.00	25.08	Vertical	Peak

2) 1GHz ~ 2GHz

Project No.: 2507Q07253E-EM
 Test Mode: Mode 1(400-480MHz)
 EUT Model: H301plus
 Test distance: 3m

Temp/Humi/ATM: 21.1°C/50%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)



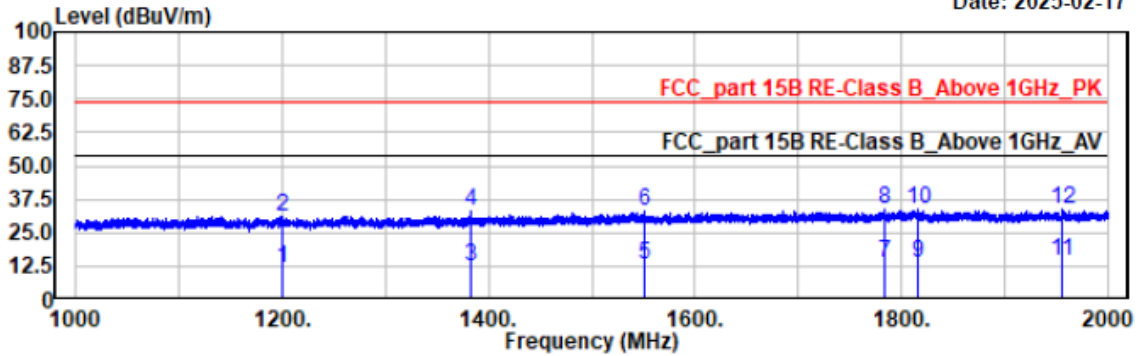
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1317.80	27.36	-14.96	12.40	54.00	41.60	horizontal	Average
1317.80	46.69	-14.96	31.73	74.00	42.27	horizontal	Peak
1614.50	27.42	-13.89	13.53	54.00	40.47	horizontal	Average
1614.50	46.65	-13.89	32.76	74.00	41.24	horizontal	Peak
1663.10	27.86	-13.75	14.11	54.00	39.89	horizontal	Average
1663.10	47.52	-13.75	33.77	74.00	40.23	horizontal	Peak
1729.70	27.99	-13.54	14.45	54.00	39.55	horizontal	Average
1729.70	47.60	-13.54	34.06	74.00	39.94	horizontal	Peak
1811.70	27.70	-13.19	14.51	54.00	39.49	horizontal	Average
1811.70	48.05	-13.19	34.86	74.00	39.14	horizontal	Peak
1903.40	27.35	-12.95	14.40	54.00	39.60	horizontal	Average
1903.40	47.45	-12.95	34.50	74.00	39.50	horizontal	Peak

Project No.: 2507Q07253E-EM
Test Mode: Mode 1(400-480MHz)
EUT Model: H301plus
Test distance: 3m

Temp/Humi/ATM: 21.1°C/50%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-02-17



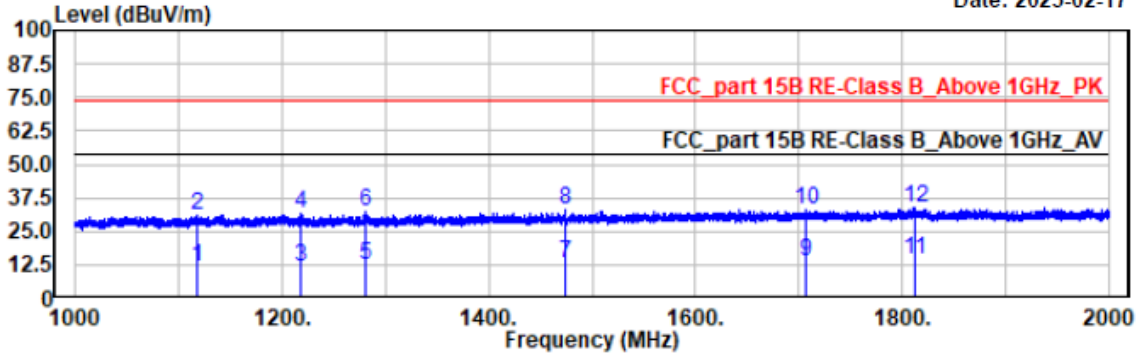
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1200.00	26.64	-15.11	11.53	54.00	42.47	vertical	Average
1200.00	46.30	-15.11	31.19	74.00	42.81	vertical	Peak
1383.30	27.43	-14.75	12.68	54.00	41.32	vertical	Average
1383.30	47.70	-14.75	32.95	74.00	41.05	vertical	Peak
1550.50	27.66	-14.26	13.40	54.00	40.60	vertical	Average
1550.50	47.46	-14.26	33.20	74.00	40.80	vertical	Peak
1784.30	27.39	-13.31	14.08	54.00	39.92	vertical	Average
1784.30	46.80	-13.31	33.49	74.00	40.51	vertical	Peak
1816.60	26.78	-13.18	13.60	54.00	40.40	vertical	Average
1816.60	46.72	-13.18	33.54	74.00	40.46	vertical	Peak
1955.10	27.29	-12.74	14.55	54.00	39.45	vertical	Average
1955.10	46.33	-12.74	33.59	74.00	40.41	vertical	Peak

Project No.: 2507Q07253E-EM
 Test Mode: Mode 2(400.0125MHz)
 EUT Model: H301plus
 Test distance: 3m

Temp/Humi/ATM: 21.1°C/50%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-02-17



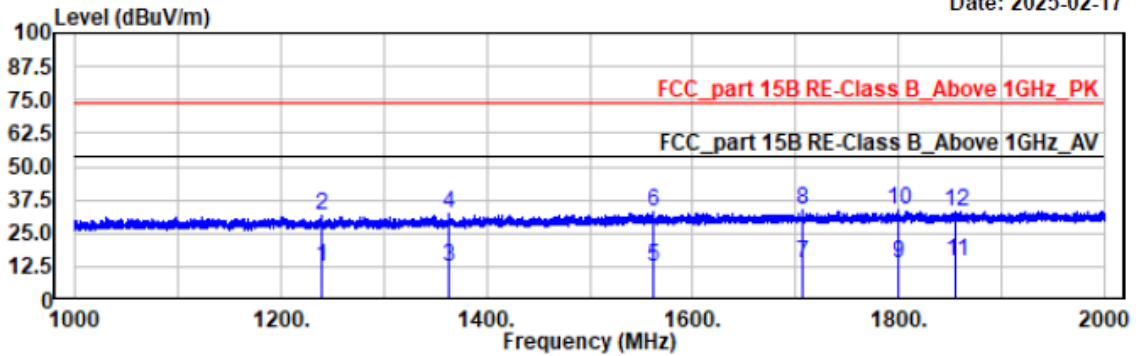
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1118.40	26.84	-15.33	11.51	54.00	42.49	horizontal	Average
1118.40	46.53	-15.33	31.20	74.00	42.80	horizontal	Peak
1217.60	26.88	-15.11	11.77	54.00	42.23	horizontal	Average
1217.60	46.49	-15.11	31.38	74.00	42.62	horizontal	Peak
1280.40	27.50	-15.06	12.44	54.00	41.56	horizontal	Average
1280.40	47.22	-15.06	32.16	74.00	41.84	horizontal	Peak
1474.30	27.56	-14.46	13.10	54.00	40.90	horizontal	Average
1474.30	47.46	-14.46	33.00	74.00	41.00	horizontal	Peak
1706.30	27.34	-13.59	13.75	54.00	40.25	horizontal	Average
1706.30	46.58	-13.59	32.99	74.00	41.01	horizontal	Peak
1812.10	27.60	-13.19	14.41	54.00	39.59	horizontal	Average
1812.10	47.04	-13.19	33.85	74.00	40.15	horizontal	Peak

Project No.: 2507Q07253E-EM
Test Mode: Mode 2(400.0125MHz)
EUT Model: H301plus
Test distance: 3m

Temp/Humi/ATM: 21.1°C/50%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-02-17



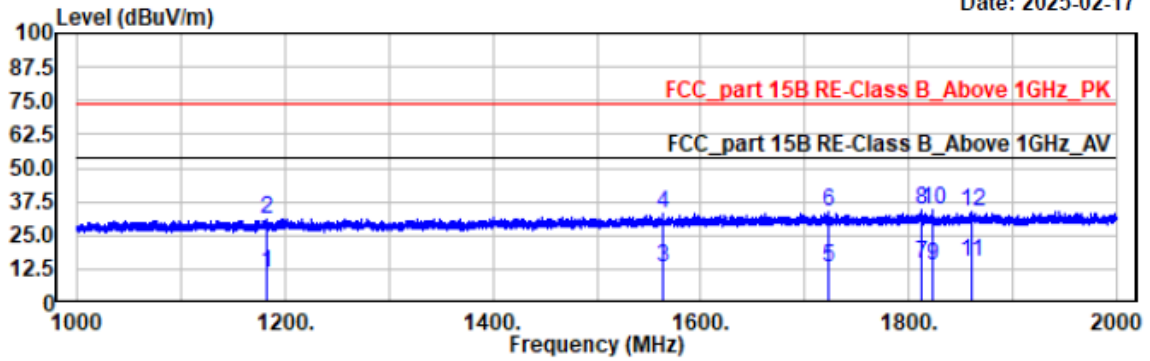
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1239.70	27.27	-15.11	12.16	54.00	41.84	vertical	Average
1239.70	47.03	-15.11	31.92	74.00	42.08	vertical	Peak
1363.50	27.17	-14.83	12.34	54.00	41.66	vertical	Average
1363.50	47.19	-14.83	32.36	74.00	41.64	vertical	Peak
1561.80	26.49	-14.18	12.31	54.00	41.69	vertical	Average
1561.80	47.13	-14.18	32.95	74.00	41.05	vertical	Peak
1706.90	27.56	-13.59	13.97	54.00	40.03	vertical	Average
1706.90	47.12	-13.59	33.53	74.00	40.47	vertical	Peak
1799.90	26.75	-13.22	13.53	54.00	40.47	vertical	Average
1799.90	47.19	-13.22	33.97	74.00	40.03	vertical	Peak
1856.00	27.83	-13.08	14.75	54.00	39.25	vertical	Average
1856.00	46.52	-13.08	33.44	74.00	40.56	vertical	Peak

Project No.: 2507Q07253E-EM
 Test Mode: Mode 2(440MHz)
 EUT Model: H301plus
 Test distance: 3m

Temp/Humi/ATM: 21.1°C/50%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-02-17



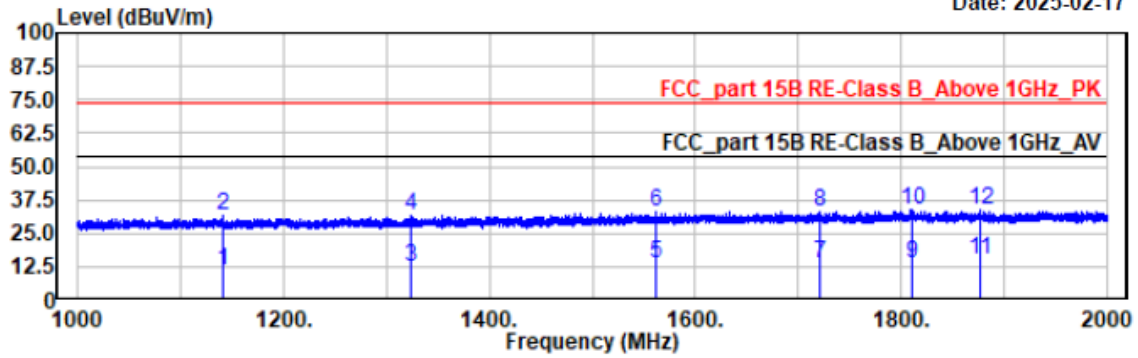
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1181.70	26.53	-15.18	11.35	54.00	42.65	horizontal	Average
1181.70	46.45	-15.18	31.27	74.00	42.73	horizontal	Peak
1563.30	27.57	-14.17	13.40	54.00	40.60	horizontal	Average
1563.30	47.30	-14.17	33.13	74.00	40.87	horizontal	Peak
1723.20	26.85	-13.55	13.30	54.00	40.70	horizontal	Average
1723.20	47.01	-13.55	33.46	74.00	40.54	horizontal	Peak
1812.60	27.50	-13.18	14.32	54.00	39.68	horizontal	Average
1812.60	47.84	-13.18	34.66	74.00	39.34	horizontal	Peak
1823.60	27.07	-13.16	13.91	54.00	40.09	horizontal	Average
1823.60	47.55	-13.16	34.39	74.00	39.61	horizontal	Peak
1860.70	27.95	-13.06	14.89	54.00	39.11	horizontal	Average
1860.70	47.09	-13.06	34.03	74.00	39.97	horizontal	Peak

Project No.: 2507Q07253E-EM
Test Mode: Mode 2(440MHz)
EUT Model: H301plus
Test distance: 3m

Temp/Humi/ATM: 21.1°C/50%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-02-17



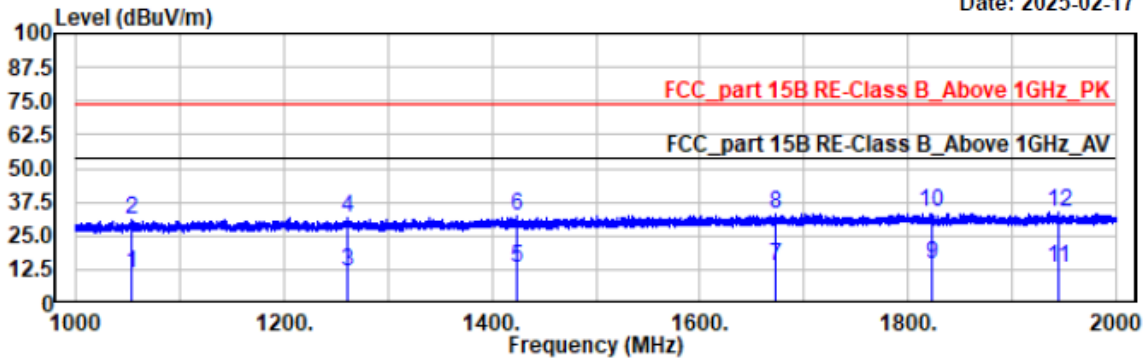
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1140.40	26.43	-15.32	11.11	54.00	42.89	vertical	Average
1140.40	46.74	-15.32	31.42	74.00	42.58	vertical	Peak
1323.30	27.65	-14.95	12.70	54.00	41.30	vertical	Average
1323.30	46.58	-14.95	31.63	74.00	42.37	vertical	Peak
1562.20	27.90	-14.18	13.72	54.00	40.28	vertical	Average
1562.20	47.02	-14.18	32.84	74.00	41.16	vertical	Peak
1721.00	27.14	-13.56	13.58	54.00	40.42	vertical	Average
1721.00	46.81	-13.56	33.25	74.00	40.75	vertical	Peak
1810.30	26.77	-13.19	13.58	54.00	40.42	vertical	Average
1810.30	46.97	-13.19	33.78	74.00	40.22	vertical	Peak
1876.30	27.85	-13.02	14.83	54.00	39.17	vertical	Average
1876.30	46.58	-13.02	33.56	74.00	40.44	vertical	Peak

Project No.: 2507Q07253E-EM
 Test Mode: Mode 2(479.9875MHz)
 EUT Model: H301plus
 Test distance: 3m

Temp/Humi/ATM: 21.1°C/50%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-02-17



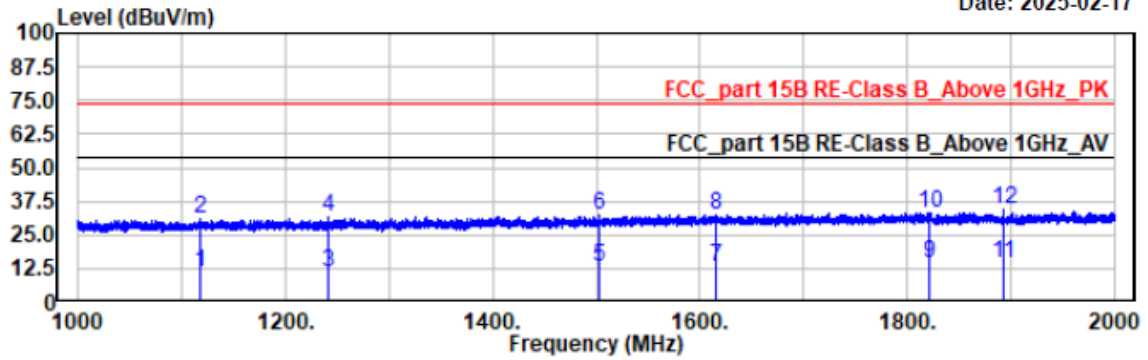
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1053.50	26.84	-15.55	11.29	54.00	42.71	horizontal	Average
1053.50	46.59	-15.55	31.04	74.00	42.96	horizontal	Peak
1260.70	26.97	-15.09	11.88	54.00	42.12	horizontal	Average
1260.70	46.60	-15.09	31.51	74.00	42.49	horizontal	Peak
1423.90	27.71	-14.60	13.11	54.00	40.89	horizontal	Average
1423.90	47.23	-14.60	32.63	74.00	41.37	horizontal	Peak
1673.50	27.60	-13.71	13.89	54.00	40.11	horizontal	Average
1673.50	47.14	-13.71	33.43	74.00	40.57	horizontal	Peak
1822.30	27.37	-13.17	14.20	54.00	39.80	horizontal	Average
1822.30	46.62	-13.17	33.45	74.00	40.55	horizontal	Peak
1944.30	26.21	-12.77	13.44	54.00	40.56	horizontal	Average
1944.30	46.57	-12.77	33.80	74.00	40.20	horizontal	Peak

Project No.: 2507Q07253E-EM
 Test Mode: Mode 2(479.9875MHz)
 EUT Model: H301plus
 Test distance: 3m

Temp/Humi/ATM: 21.1°C/50%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-02-17



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
1118.20	26.68	-15.33	11.35	54.00	42.65	vertical	Average
1118.20	46.47	-15.33	31.14	74.00	42.86	vertical	Peak
1241.20	26.18	-15.11	11.07	54.00	42.93	vertical	Average
1241.20	46.52	-15.11	31.41	74.00	42.59	vertical	Peak
1502.20	27.40	-14.38	13.02	54.00	40.98	vertical	Average
1502.20	46.65	-14.38	32.27	74.00	41.73	vertical	Peak
1615.40	26.88	-13.89	12.99	54.00	41.01	vertical	Average
1615.40	46.58	-13.89	32.69	74.00	41.31	vertical	Peak
1821.00	27.67	-13.17	14.50	54.00	39.50	vertical	Average
1821.00	46.47	-13.17	33.30	74.00	40.70	vertical	Peak
1892.80	27.51	-12.97	14.54	54.00	39.46	vertical	Average
1892.80	47.18	-12.97	34.21	74.00	39.79	vertical	Peak

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

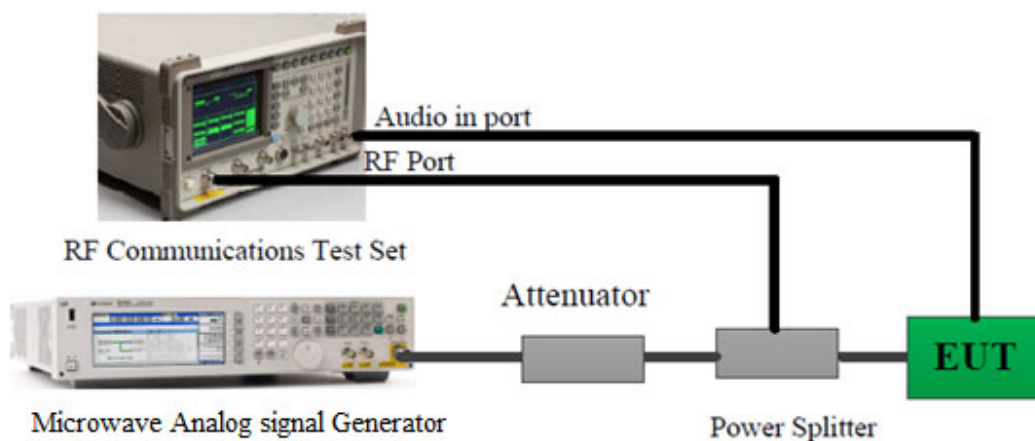
Applicable Standard

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:	2025-02-08	Test Result:	Pass

Environment Conditions:					
Temperature: (°C)	20.6	Relative Humidity: (%)	42	ATM Pressure: (kPa)	100.1

Scanning Frequency Range (MHz)	Test Frequency (MHz)	Measurement Result (Worst Case) (dB)	Limit (dB)
400-480	824, 836, 849, 869, 881.5, 894	49	>38

EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2507Q07253E-EM-EXP EUT EXTERNAL PHOTOGRAPHS and
2507Q07253E-EM-INP EUT INTERNAL PHOTOGRAPHS

EXHIBIT B – TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2507Q07253E-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*******