

TEST REPORT

Applicant Name: M&M Electronics, S.A.
Address: Cocosolito, Colon Free Zone, Main Entrance Warehouse 10D and 11D, Colon Panama
Report Number: 2601R26675E-EM-00
FCC ID: 2BLU9-QMPR7B

Test Standard (s)

FCC Part 15, Subpart B (Class B)

Sample Description

Product Type: miniPC
Model No.: QMP6R7BM8256G
Multiple Model(s) No.: QMP6R7BM8256S
Trade Mark: Compaq
Date Received: 2026/03/17
Issue Date: 2026/04/17

Test Result:	Pass▲
--------------	-------

▲ In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:

Amy Ye

Amy Ye
EMC Engineer

Approved By:

Moon Liu

Moon Liu
EMC Supervisor

Note: The information marked # is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Customer model name, addresses, names, trademarks etc. are included.

This report cannot be reproduced except in full, without prior written approval of the Company. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. 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.

This report must not be used by the customer to claim product certification, approval, or endorsement by NVLAP or any agency of the U.S. Government.

This report may contain data that are not covered by the NVLAP accreditation and are marked with an asterisk "▼".

Bay Area Compliance Laboratories Corp. (Shenzhen)

5F(B-West), 6F, 7F, the 3rd Phase of Wan Li Industrial Building D, Shihua Rd, FuTian Free Trade Zone, Shenzhen, China

Tel: +86-755-33320018 Fax: +86-755-33320008 www.baclcorp.com.cn

TABLE OF CONTENTS

DOCUMENT REVISION HISTORY	3
GENERAL INFORMATION.....	4
PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT)	4
OBJECTIVE	4
TEST METHODOLOGY	4
MEASUREMENT UNCERTAINTY.....	4
TEST FACILITY	5
SYSTEM TEST CONFIGURATION.....	6
DESCRIPTION OF TEST CONFIGURATION	6
EUT EXERCISE SOFTWARE	6
EQUIPMENT MODIFICATIONS	6
SUPPORT EQUIPMENT LIST AND DETAILS	6
EXTERNAL I/O CABLE.....	7
BLOCK DIAGRAM OF TEST SETUP	7
SUMMARY OF TEST RESULTS.....	9
TEST EQUIPMENT LIST	10
FCC §15.107 - AC LINE CONDUCTED EMISSIONS.....	11
APPLICABLE STANDARD	11
EUT SETUP	11
EMI TEST RECEIVER SETUP.....	11
TEST PROCEDURE	12
LEVEL & OVER LIMIT CALCULATION	12
TEST DATA	12
FCC §15.109 - RADIATED EMISSIONS	15
APPLICABLE STANDARD	15
EUT SETUP	15
EMI TEST RECEIVER AND SPECTRUM ANALYZER SETUP	16
TEST PROCEDURE	16
LEVEL & OVER LIMIT CALCULATION	17
TEST DATA	17
EUT PHOTOGRAPHS.....	24
TEST SETUP PHOTOGRAPHS	25

DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	2601R26675E-EM-00	Original Report	2026/04/17

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product	miniPC
Tested Model	QMP6R7BM8256G
Multiple Model(s)	QMP6R7BM8256S
Voltage Range	DC 19V from adapter
Highest operating frequency [#]	5850MHz
Equipment Class	Class B
Sample number	3IKU-1: miniPC, 3IKU-2: Adapter (Assigned by BACL, Shenzhen)
Sample/EUT Status	Good condition
Adapter Information	Model: SAW48C-190-2370U Input: 100-240V~50/60Hz, 1.3A Output: 19V~2370mA
Note: The Multiple models are electrically identical with the test model except for the appearance color of the shell material. Please refer to the declaration letter [#] for more detail, which was provided by manufacturer.	

Objective

This test report is in accordance with Part 2-Subpart J, Part 15B Subparts A and B of the Federal Communication Commissions rules.

The objective of the manufacturer is to determine the compliance of the EUT with FCC Part 15B.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.4-2014, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz.

All emissions measurement was performed at Bay Area Compliance Laboratories Corp. (Shenzhen). The radiated testing was performed at an antenna-to-EUT distance of 3 meters. Each test item follows test standards and with no deviation.

Measurement Uncertainty

Item	Frequency Range		Expanded Measurement uncertainty
Conducted Emissions	AC Mains	150 kHz ~30MHz	3.72dB(k=2, 95% level of confidence)
Radiated Disturbance	30MHz~1000MHz	Horizontal	5.10dB(k=2, 95% level of confidence)
	30MHz~1000MHz	Vertical	6.28dB(k=2, 95% level of confidence)
	1GHz~6GHz	/	6.18dB(k=2, 95% level of confidence)
	6GHz~18GHz	/	6.62dB(k=2, 95% level of confidence)
	18GHz~40GHz	/	6.66dB(k=2, 95% level of confidence)

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

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Shenzhen) to collect test data is located on the 5F(B-West) , 6F, 7F, the 3rd Phase of Wan Li Industrial Building D, Shihua Rd, FuTian Free Trade Zone, Shenzhen, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, test firm registration No.: 715558, the FCC Designation No.: CN5045.

Each test item follows test standards and with no deviation.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in worst case condition.

Test Mode: Operating

Note: Operating includes wired network transmission, playing H-pattern, DP video output, HDMI video output, data transmission with U disk, running SSD, CPU and RAM.

EUT exercise software

"BurnInTest" exercise software was used.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

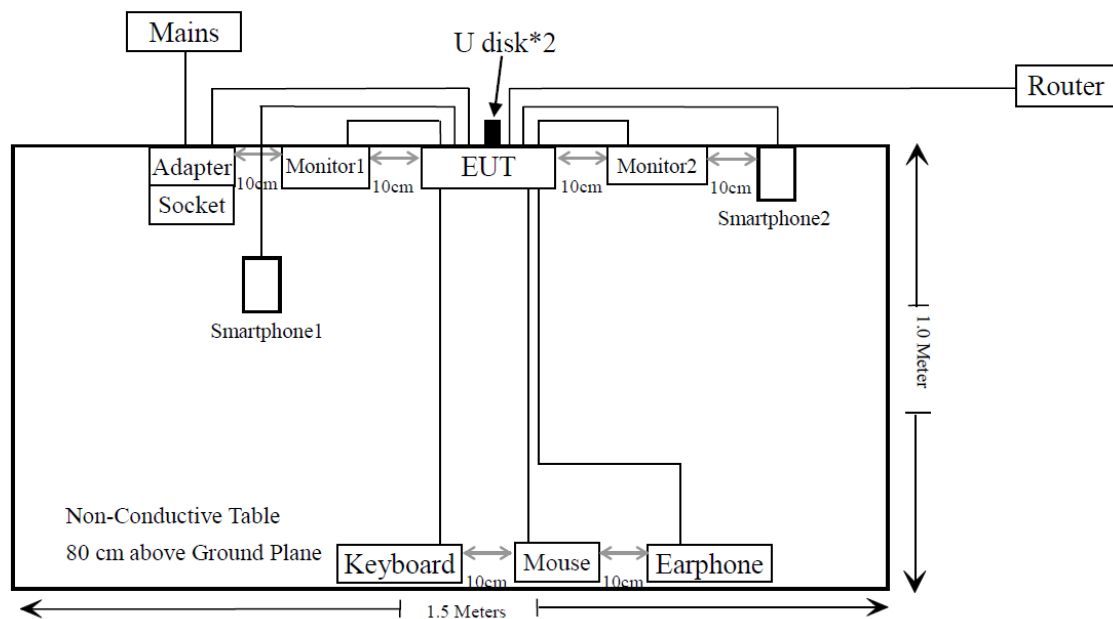
Manufacturer	Description	Model	Serial Number
OUPU	SOCKET	PDU-OP1606K	6971041358020
N/A	Earphone	N/A	N/A
Redmi	Monitor1	P24FBA-RA	67309/675100004857
Redmi	Monitor2	A22FAB-RA	47366/206100029128
DELL	Keyboard	SK-8115	CN-0DJ313-71616-0CE-0ATX
DELL	Mouse	MS116P	CN-0JM49V-PRC00-8CT-0089
xiaomi	Router	R4AC	N/A
OPPO	Smartphone1	Reno7	A00000EF94F897
iKU	Smartphone2	X9	N/A
N/A	U disk*2	N/A	N/A

External I/O Cable

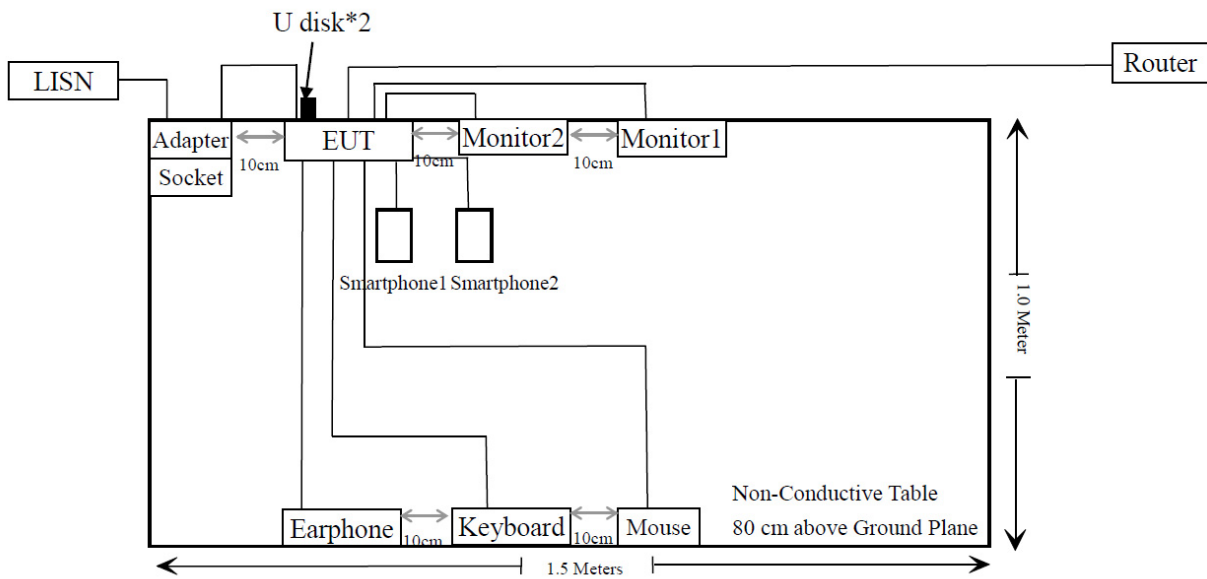
Cable Description	Length (m)	From/Port	To
Un-shielding detachable AC Cable	1.2	Socket	Mains/LISN
Un-shielding un-detachable DC Cable	1.5	Adapter	EUT
Shielding un-detachable USB Cable	1.2	EUT	Keyboard
Shielding un-detachable USB Cable	1.2	EUT	Mouse
Shielding detachable DP Cable	1.5	EUT	Monitor1
Shielding detachable HDMI Cable	1.2	EUT	Monitor2
Un-shielding detachable RJ45 Cable	10.0	EUT	Router
Un-shielding detachable USB Cable	1.0	EUT	Smartphone1
Un-shielding detachable USB Cable	1.0	EUT	Smartphone2

Block Diagram of Test Setup

For Radiated Emission:



For Conduction Emission:



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Results
§15.107	AC Line Conducted Emissions	Compliant
§15.109	Radiated Emissions	Compliant

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
AC Line Conducted Emission Test					
Rohde & Schwarz	EMI Test Receiver	ESCI	101120	2025/09/01	2026/08/31
Rohde & Schwarz	LISN	ENV216	101613	2025/09/18	2026/09/17
Rohde & Schwarz	Transient Limiter	ESH3Z2	DE25985	2025/09/18	2026/09/17
Unknown	CE Cable	Unknown	UF A210B-1-0720-504504	2025/09/18	2026/09/17
Audix	EMI Test software	E3	191218 V9(c)	NCR	NCR
Radiated Emission Test					
Rohde & Schwarz	EMI Test Receiver	ESR3	102455	2025/09/01	2026/08/31
Sonoma instrument	Pre-amplifier	310 N	186238	2025/09/08	2026/09/07
Sunol Sciences	Broadband Antenna	JB1	A040904-1	2023/07/20	2026/07/19
Unknown	Chamber A Cable	Cable A1	Cable A1	2025/09/08	2026/09/07
Unknown	Chamber A Cable	Cable A2	Cable A2	2025/09/08	2026/09/07
Audix	EMI Test software	E3	19821b(V9)	NCR	NCR
TDK	Chamber	Chamber A	2#	2023/07/12	2026/07/11
Rohde & Schwarz	Spectrum Analyzer	FSV40	101605	2025/09/01	2026/08/31
A.H.System	Preamplifier	PAM-0118P	489	2025/09/08	2026/09/07
Schwarzbeck	Horn Antenna	BBHA9120D(1201)	1143	2023/07/26	2026/07/25
Unknown	Chamber B Cable	Cable B1	Cable B1	2025/09/08	2026/09/07
Unknown	Chamber B Cable	Cable B2	Cable B2	2025/09/08	2026/09/07
Unknown	Chamber B Cable	Cable B3	Cable B3	2025/09/08	2026/09/07
Audix	EMI Test software	E3	191218 V9(c)	NCR	NCR
TDK	Chamber	Chamber B	1#	2023/07/14	2026/07/13
A.H.System	Pre-amplifier	PAM-1840VH	190	2025/09/08	2026/09/07
Unknown	Chamber B Cable	Cable B4	Cable B4	2025/09/17	2026/09/16
Unknown	Chamber B Cable	Cable B5	Cable B5	2025/09/17	2026/09/16
Electro-Mechanics Co	Horn Antenna	3116	9510-2270	2023/09/18	2026/09/17

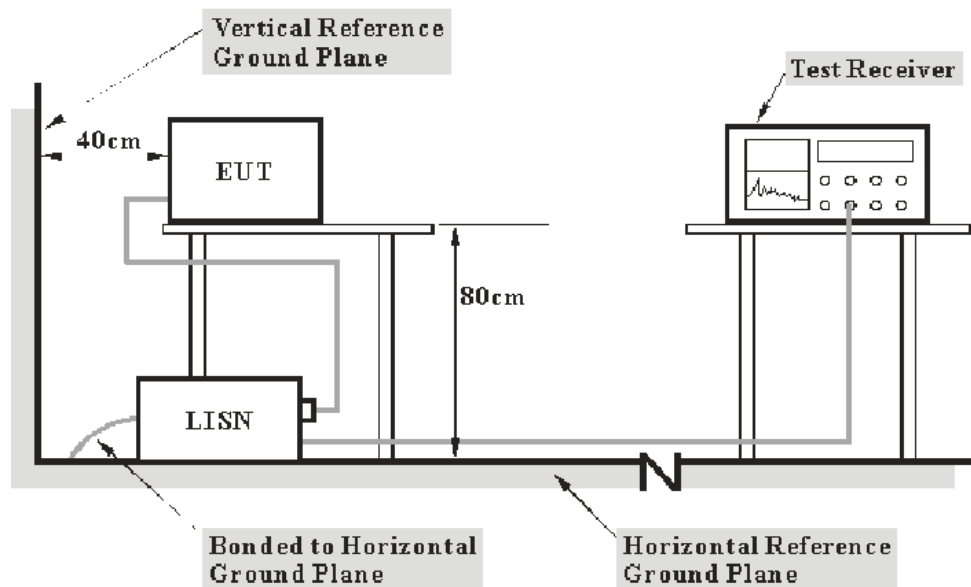
* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Shenzhen) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

FCC §15.107 - AC LINE CONDUCTED EMISSIONS

Applicable Standard

According to FCC§15.107

EUT Setup



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

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

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	RBW
150 kHz – 30 MHz	9 kHz

Test Procedure

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

All final data was recorded in the Quasi-peak and average detection mode.

Level & Over Limit Calculation

The Level is calculated by adding the LISN Factor, Cable Loss and the Read Level. The basic equation is as follows:

$$\text{Level (dBuV)} = \text{Read Level (dBuV)} + \text{LISN Factor} + \text{Cable Loss}$$

The “**Over limit**” column of the following data tables indicates the degree of compliance with the applicable limit.

$$\text{Over Limit (dB)} = \text{Level (dBuV)} - \text{Limit Line (dBuV)}$$

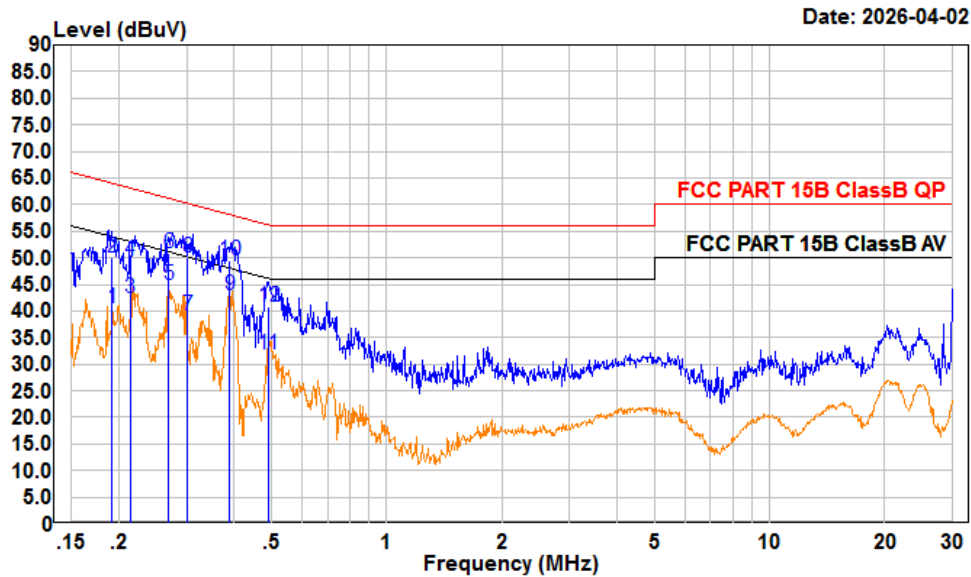
Note: The term "cable loss" refers to the combination of a cable and a 10dB transient limiter (attenuator).

Test Data

Environmental Conditions

Temperature:	26.2 °C
Relative Humidity:	51 %
ATM Pressure:	100.7 kPa

The testing was performed by Alex Yan on 2026-04-02.

*Test Mode: Operating***AC 120V/60 Hz, Line**

Condition: Line

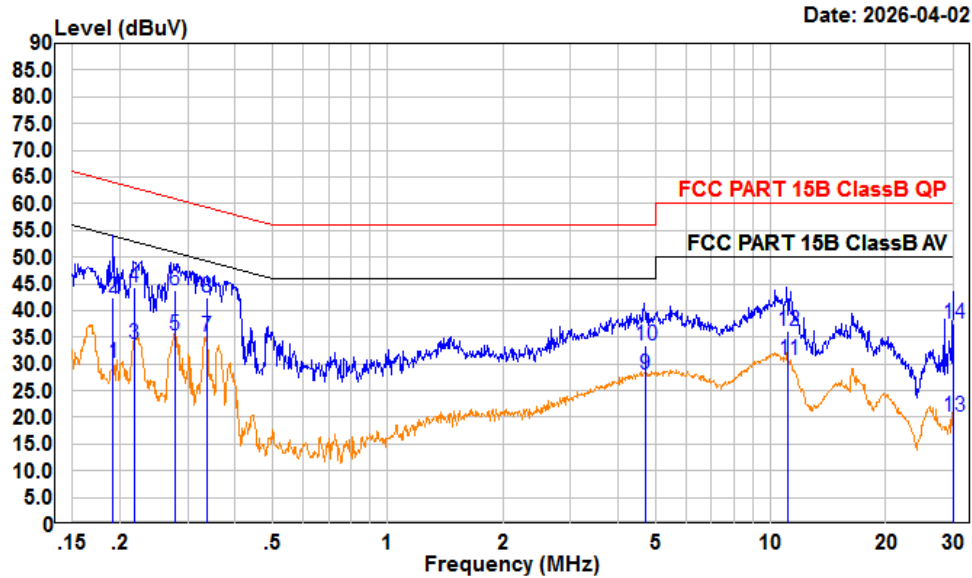
Project : 2601R26675E-EM

test Mode: Operating

tester : Alex Yan Setting:RBW:9kHz

	Freq	Read Level	LISN Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.192	20.75	40.58	9.80	10.03	53.95	-13.37	Average
2	0.192	30.21	50.04	9.80	10.03	63.95	-13.91	QP
3	0.214	22.49	42.32	9.80	10.03	53.06	-10.74	Average
4	0.214	29.79	49.62	9.80	10.03	63.06	-13.44	QP
5	0.270	25.02	44.85	9.80	10.03	51.13	-6.28	Average
6	0.270	31.06	50.89	9.80	10.03	61.13	-10.24	QP
7	0.302	19.25	39.08	9.80	10.03	50.18	-11.10	Average
8	0.302	30.19	50.02	9.80	10.03	60.18	-10.16	QP
9	0.389	23.06	42.89	9.80	10.03	48.09	-5.20	Average
10	0.389	29.66	49.49	9.80	10.03	58.09	-8.60	QP
11	0.489	11.93	31.76	9.80	10.03	46.18	-14.42	Average
12	0.489	21.10	40.93	9.80	10.03	56.18	-15.25	QP

AC 120V/60 Hz, Neutral



Condition: neutral

Project : 2601R26675E-EM

test Mode: Operating

tester : Alex Yan Setting:RBW:9kHz

	Freq	Read Level	LISN Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.191	10.41	30.24	9.80	10.03	53.97	-23.73	Average
2	0.191	22.60	42.43	9.80	10.03	63.97	-21.54	QP
3	0.218	13.86	33.69	9.80	10.03	52.91	-19.22	Average
4	0.218	24.39	44.22	9.80	10.03	62.91	-18.69	QP
5	0.278	15.62	35.45	9.80	10.03	50.87	-15.42	Average
6	0.278	23.99	43.82	9.80	10.03	60.87	-17.05	QP
7	0.336	15.19	35.02	9.80	10.03	49.29	-14.27	Average
8	0.336	22.64	42.47	9.80	10.03	59.29	-16.82	QP
9	4.704	7.57	28.04	10.24	10.23	46.00	-17.96	Average
10	4.704	12.86	33.33	10.24	10.23	56.00	-22.67	QP
11	11.116	8.81	30.72	11.57	10.34	50.00	-19.28	Average
12	11.116	14.19	36.10	11.57	10.34	60.00	-23.90	QP
13	29.996	-4.52	20.22	14.20	10.54	50.00	-29.78	Average
14	29.996	12.72	37.46	14.20	10.54	60.00	-22.54	QP

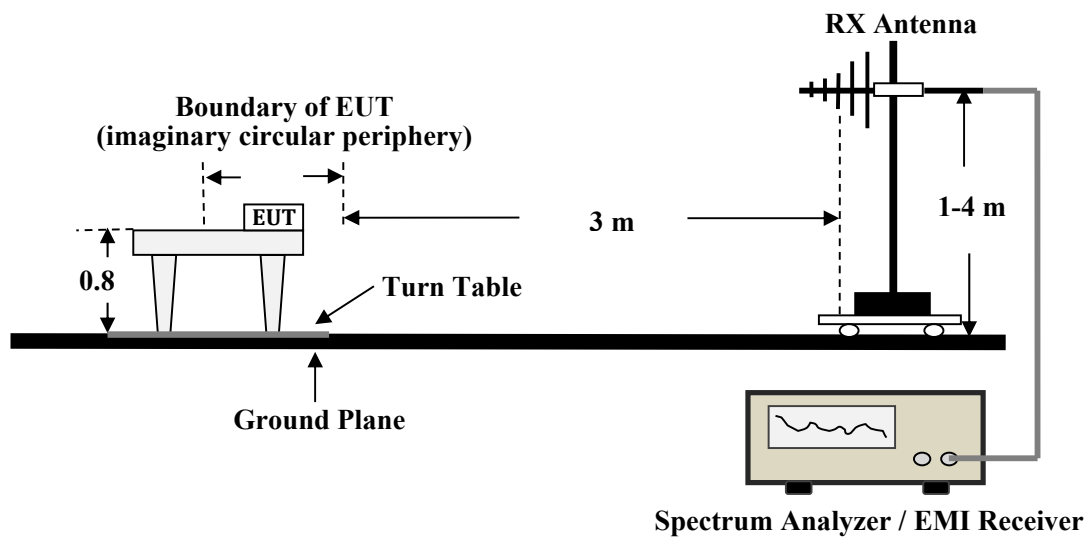
FCC §15.109 - RADIATED EMISSIONS

Applicable Standard

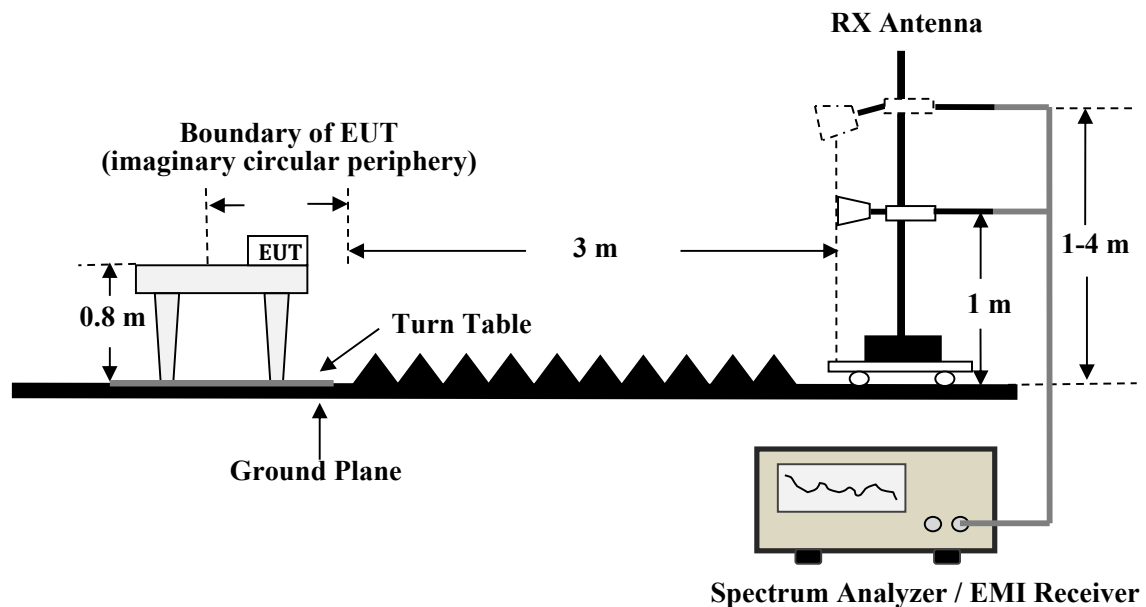
FCC §15.109

EUT Setup

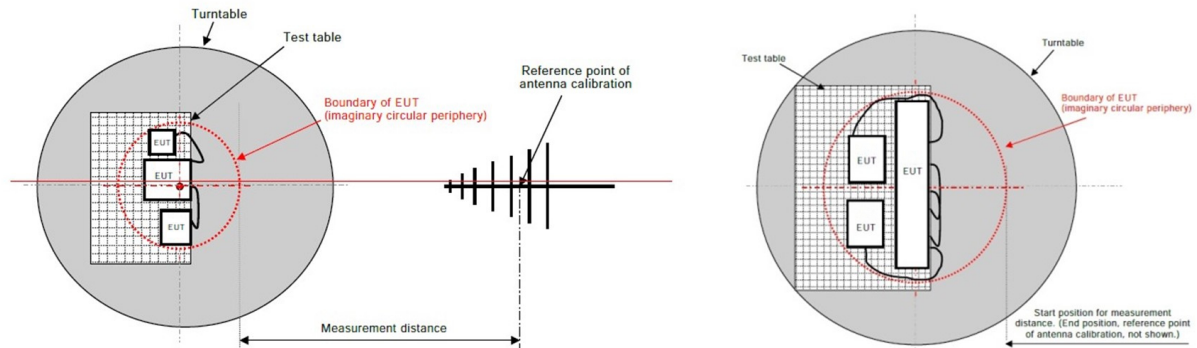
Below 1GHz for Radiated Emissions



Above 1GHz for Radiated Emissions



Radiated Emissions Setup Configuration



The radiated emission tests were performed in the 3 meters chamber test site, using the setup accordance with the ANSI C63.4-2014. The related limit was specified in FCC Part 15B.

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 and Spectrum analyzer Setup

During the radiated emission test, the EMI test receiver and spectrum analyzer setup was set with the following configurations:

Frequency Range	RBW	Video B/W	IF B/W	Measurement
30 MHz – 1000 MHz	120 kHz	500 kHz	/	PK
	/	/	120 kHz	QP
Above 1 GHz	1MHz	3 MHz	/	PK
	1MHz	10 Hz	/	PK

Test Procedure

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

If the emission level of the EUT in Peak mode was 6dB lower than the limit specified, Peak values of EUT will be reported. Otherwise, the emission will be repeated by using the Quasi-Peak method and reported for frequency range below 1GHz.

If emission level of the EUT in Peak measurement mode is 20dB lower than peak limit line (that means the emission level in Peak measurement mode complies with both Peak and average limit lines) then only Peak measurement result is reported. Otherwise, Emission in average measurement mode shall be measured, and reported for frequency range above 1GHz.

Level & Over Limit Calculation

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

$$\text{Factor} = \text{Antenna Factor} + \text{Cable Loss} - \text{Amplifier Gain}$$

$$\text{Level} = \text{Read Level} + \text{Factor}$$

The “Over limit” column of the following data tables indicates the degree of compliance with the applicable limit. For example, an Over limit of -6 dB means the emission is 6dB below the limit for Class B. The equation for Over Limit calculation is as follows:

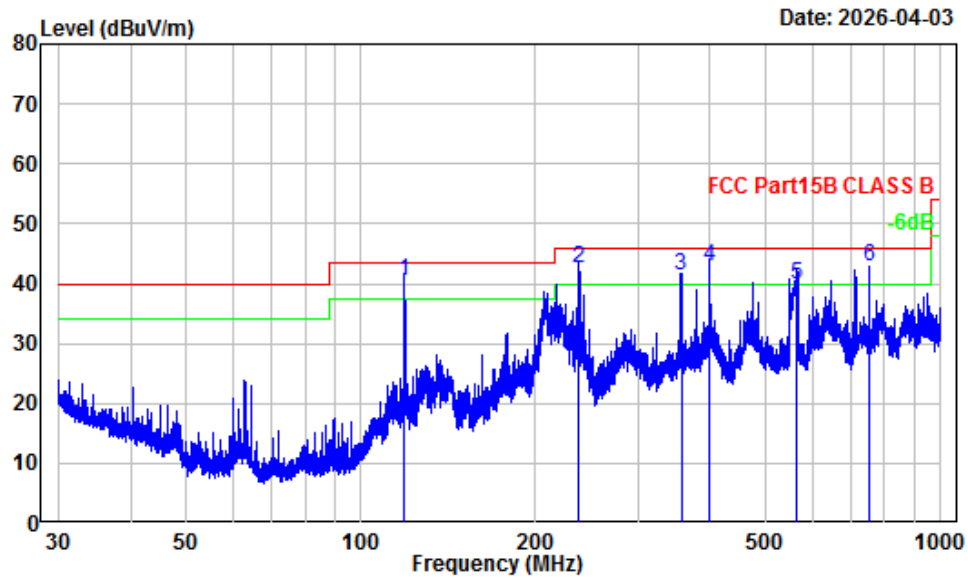
$$\text{Over limit} = \text{Level} - \text{Limit}$$

Test Data

Environmental Conditions

Temperature:	23.6~24.6 °C
Relative Humidity:	50~58 %
ATM Pressure:	100.2~101.5 kPa

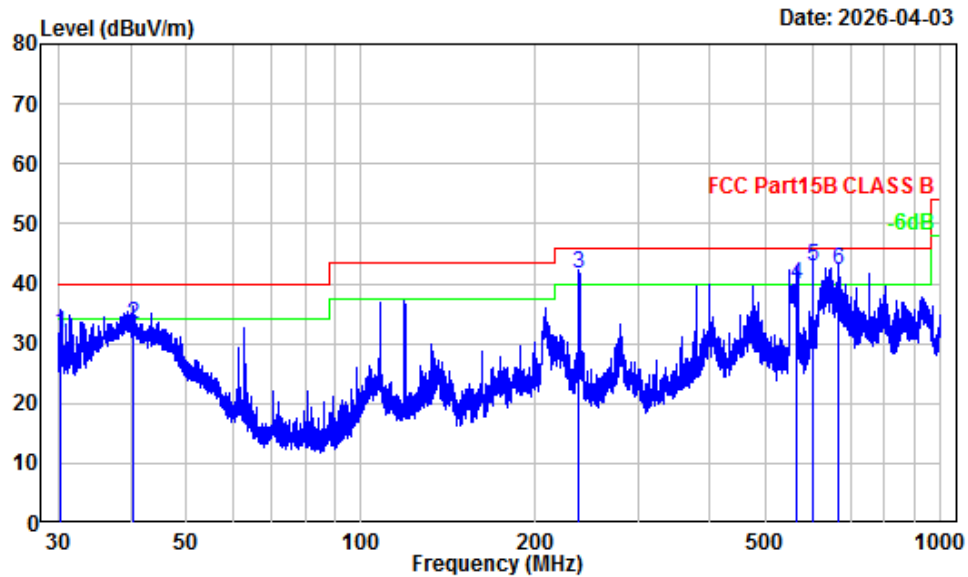
The testing was performed by Nico Wu on 2026-04-03 for below 1GHz and Wing K Ji on 2026-03-30 for above 1GHz.

*Test Mode: Operating***30 MHz~1 GHz****Horizontal**

Site : Chamber A
Condition : 3m Horizontal
Project Number : 2601R26675E-EM
Test Mode : Operating
Detector: QP RBW: 120kHz
Tester : Nico Wu

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	Line	Limit	
1	118.86	-11.96	52.40	40.44	43.50	-3.06	QP
2	237.79	-13.83	56.50	42.67	46.00	-3.33	QP
3	356.68	-10.41	51.81	41.40	46.00	-4.60	QP
4	399.91	-8.95	51.70	42.75	46.00	-3.25	QP
5	564.39	-5.78	45.49	39.71	46.00	-6.29	QP
6	752.41	-3.23	46.09	42.86	46.00	-3.14	QP

Vertical

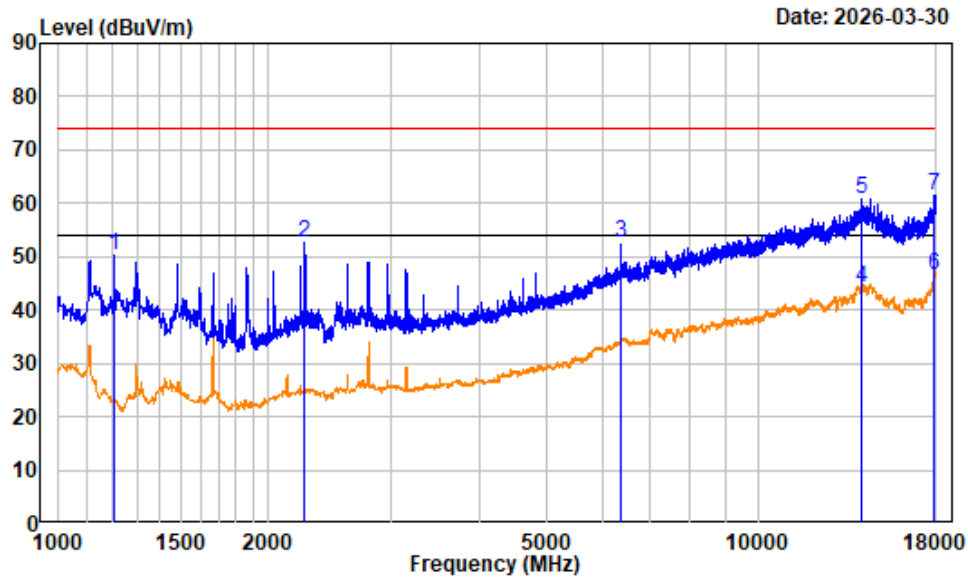


Site : Chamber A
Condition : 3m Vertical
Project Number : 2601R26675E-EM
Test Mode : Operating
Detector: QP RBW: 120kHz
Tester : Nico Wu

	Freq Factor		Read	Limit	Over	Remark
	MHz	dB/m	Level	Level	Limit	
			dBuV	dBuV/m	dBuV/m	dB
1	30.20	-5.97	37.80	31.83	40.00	-8.17 QP
2	40.38	-12.63	45.70	33.07	40.00	-6.93 QP
3	237.89	-13.82	55.60	41.78	46.00	-4.22 QP
4	565.38	-5.79	45.60	39.81	46.00	-6.19 QP
5	601.95	-5.76	48.70	42.94	46.00	-3.06 QP
6	666.10	-3.65	45.81	42.16	46.00	-3.84 QP

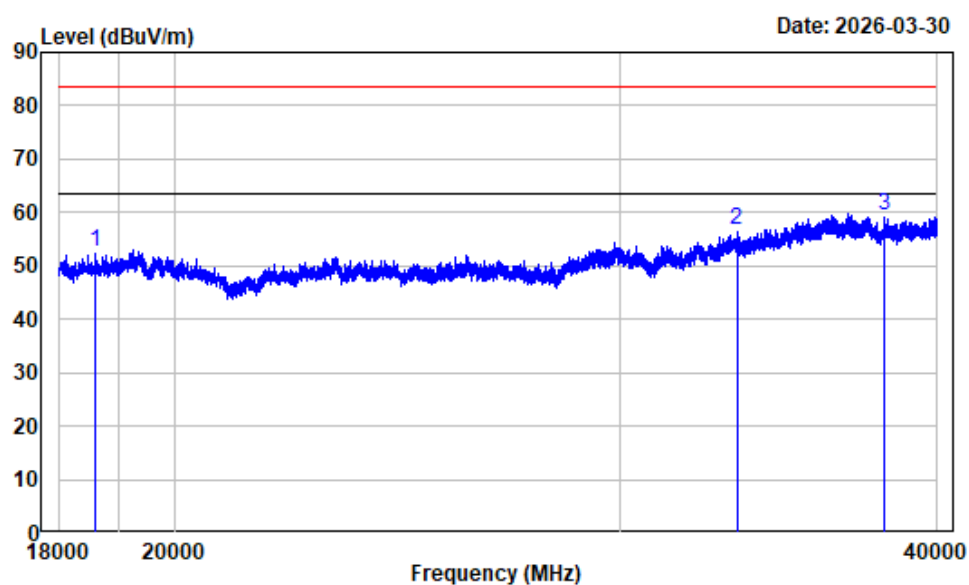
1 ~ 40 GHz

Horizontal



Site : chamber B
Condition : Horizontal
Project Number : 2601R26675E-EM
Test mode : Operating
Tester : Wing K Ji
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
: Average reading: RBW:1MHz VBW:1kHz Detector:Peak

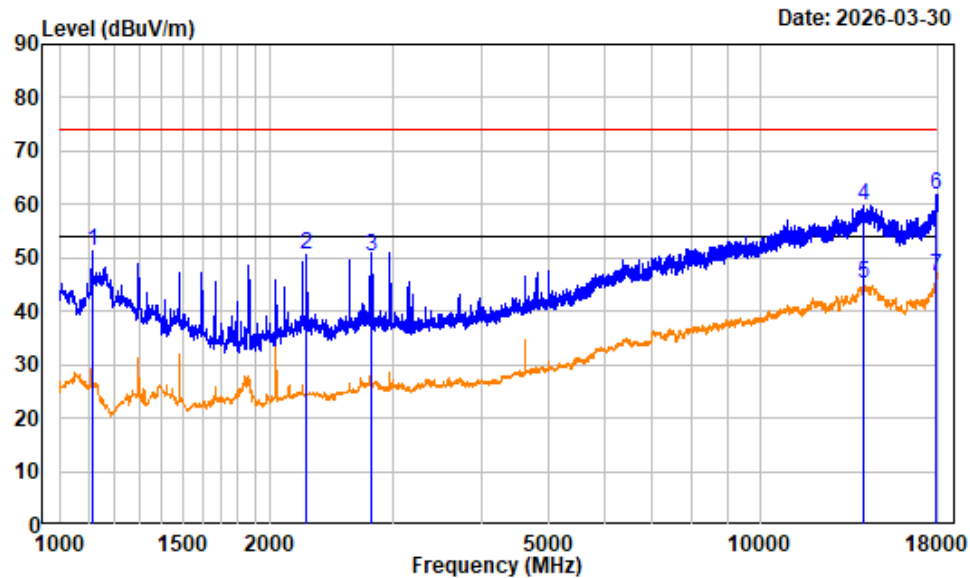
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1204.000	-14.98	65.08	50.10	74.00	-23.90	Peak
2	2255.875	-10.62	63.37	52.75	74.00	-21.25	Peak
3	6378.375	-1.41	53.97	52.56	74.00	-21.44	Peak
4	14098.500	9.89	34.26	44.15	54.00	-9.85	Average
5	14098.500	9.89	50.89	60.78	74.00	-13.22	Peak
6	17910.750	11.36	35.33	46.69	54.00	-7.31	Average
7	17910.750	11.36	50.23	61.59	74.00	-12.41	Peak



Site : chamber B
Condition : Horizontal
Project Number : 2601R26675E-EM
Test mode : Operating
Tester : Wing K Ji
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak

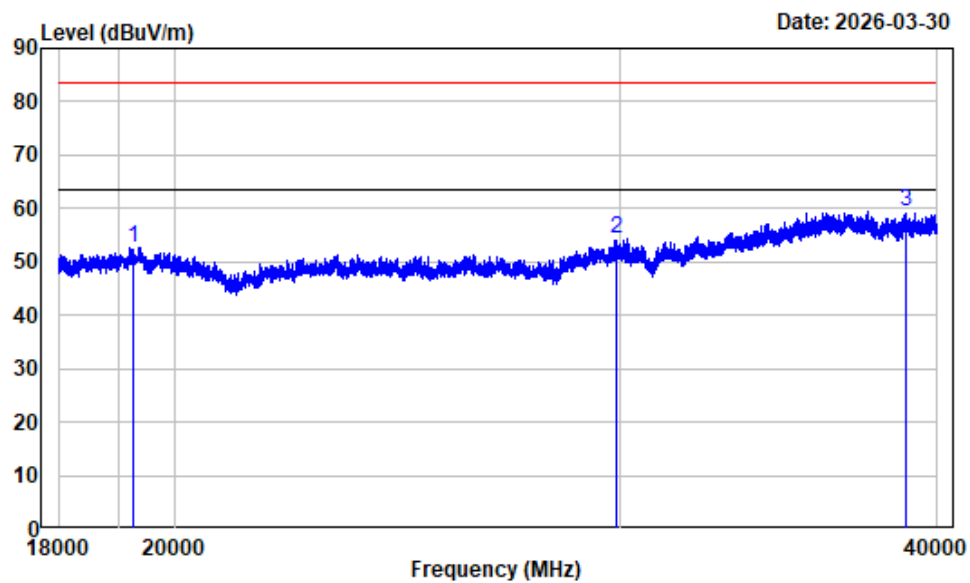
Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 18618.830	7.58	45.10	52.68	83.50	-30.82	Peak
2 33338.670	10.74	46.12	56.86	83.50	-26.64	Peak
3 38091.260	9.64	49.84	59.48	83.50	-24.02	Peak

Vertical



Site : chamber B
Condition : Vertical
Project Number : 2601R26675E-EM
Test mode : Operating
Tester : Wing K Ji
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak
: Average reading: RBW:1MHz VBW:1kHz Detector:Peak

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1114.750	-15.16	66.59	51.43	74.00	-22.57	Peak
2	2255.875	-10.62	61.14	50.52	74.00	-23.48	Peak
3	2795.625	-10.00	60.18	50.18	74.00	-23.82	Peak
4	14058.130	9.67	50.23	59.90	74.00	-14.10	Peak
5	14058.130	9.67	35.45	45.12	54.00	-8.88	Average
6	17883.130	11.00	50.86	61.86	74.00	-12.14	Peak
7	17883.130	11.00	35.58	46.58	54.00	-7.42	Average



Site : chamber B
Condition : Vertical
Project Number : 2601R26675E-EM
Test mode : Operating
Tester : Wing K Ji
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak

Freq Factor		Read	Limit	Over	Remark
MHz	dB/m	Level	Level	Line	
		dBuV	dBuV/m	dBuV/m	dB
1	19262.410-537.27	590.05	52.78	83.50	-30.72 Peak
2	29875.980-537.52	591.96	54.44	83.50	-29.06 Peak
3	38902.610-537.39	596.93	59.54	83.50	-23.96 Peak

EUT PHOTOGRAPHS

Please refer to the attachment 2601R26675E-EM-EXP External photo and 2601R26675E-EM-INP Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2601R26675E-EM-TSP Test Setup photo.

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