

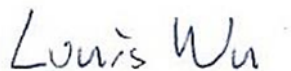


FCC EMI TEST REPORT

FCC ID : IHDT56AY3
Equipment : Mobile Cellular Phone
Brand Name : Motorola
Model Name : XT2629-2, XT2629-3
Applicant : MOTOROLA MOBILITY LLC
222 W, MERCHANDISE MART PLAZA,
CHICAGO IL 60654 USA
Manufacturer : MOTOROLA MOBILITY LLC
222 W, MERCHANDISE MART PLAZA,
CHICAGO IL 60654 USA
Standard : FCC 47 CFR FCC Part 15 Subpart B Class B

The product was received on May 28, 2026 and testing was performed from Jun. 15, 2026 to Jun. 30, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.4-2014 and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.



Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issue Date
FC651501-01	01	Initial issue of report	Jul. 07, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.107	AC Conducted Emission	Pass	-
3.2	15.109	Radiated Emission	Pass	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Keven Cheng

Report Producer: Lili Lu

1. General Description

1.1. Product Feature of Equipment Under Test

Product Feature	
General Specs	GSM/WCDMA/LTE/5G NR, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n/ac, FM Receiver, NFC, and GNSS.
Antenna Type	WWAN: PIFA Antenna WLAN: PIFA Antenna Bluetooth: PIFA Antenna GNSS: PIFA Antenna NFC: Loop Antenna FM: External Earphone Antenna

Remark:

1. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.
2. There are two types of EUT, the differences between them could be referred to XT2629-2, XT2629-3_Product Equality Declaration which is exhibit separately.

EUT Information List	
IMEI	Performed Test Item
Sample 1: 359628650002178 Sample 2: 359628650014116	AC Conducted Emission
Sample 1: 359628650002178 Sample 2: 359628650014116	Radiated Emissions

Specification of Accessory				
AC Adapter 1(AR)	Brand Name	Motorola(Salcomp)	Model Name	MC-336L
AC Adapter 1(BR)	Brand Name	Motorola(Salcomp)	Model Name	MC-337L
AC Adapter 1(CL)	Brand Name	Motorola(Salcomp)	Model Name	MC-339L
AC Adapter 1(EU)	Brand Name	Motorola(Salcomp)	Model Name	MC-332L
AC Adapter 1(US)	Brand Name	Motorola(Salcomp)	Model Name	MC-331L
AC Adapter 2(AR)	Brand Name	Motorola(Chenyang)	Model Name	MC-336L
AC Adapter 2(BR)	Brand Name	Motorola(Chenyang)	Model Name	MC-337L
AC Adapter 2(CL)	Brand Name	Motorola(Chenyang)	Model Name	MC-339L
AC Adapter 2(EU)	Brand Name	Motorola(Chenyang)	Model Name	MC-332L
AC Adapter 2(US)	Brand Name	Motorola(Chenyang)	Model Name	MC-331L
AC Adapter 3(AR)	Brand Name	Motorola(Chenyang)	Model Name	MC-336N
AC Adapter 3(BR)	Brand Name	Motorola(Chenyang)	Model Name	MC-337N
AC Adapter 3(CL)	Brand Name	Motorola(Chenyang)	Model Name	MC-339N
AC Adapter 3(EU)	Brand Name	Motorola(Chenyang)	Model Name	MC-332N
AC Adapter 3(US)	Brand Name	Motorola(Chenyang)	Model Name	MC-331N
Battery 1	Brand Name	Motorola (NVT)	Model Name	SF70
Battery 2	Brand Name	Motorola (CosMX)	Model Name	SF70
USB Cable 1	Brand Name	Motorola (yihuaxing)	Model Name	T365-020-01 T365-020-02
USB Cable 2	Brand Name	Motorola (hexin)	Model Name	HX-TL-08 HX-TL-07
USB Cable 3	Brand Name	Motorola (juwei)	Model Name	JWUB1705-T03H JWUB1856-T03H

1.2. Modification of EUT

No modifications made to the EUT during the testing.

1.3. Test Location

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. 03CH10-HY, CO07-HY

FCC designation No.: TW3786



1.4. Applicable Standards

According to the specifications declared by the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC 47 CFR FCC Part 15 Subpart B Class B
- ♦ ANSI C63.4-2014
- ♦ ANSI C63.4a-2017
- ♦ ANSI C63.4a-2017

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

2. Test Configuration of Equipment Under Test

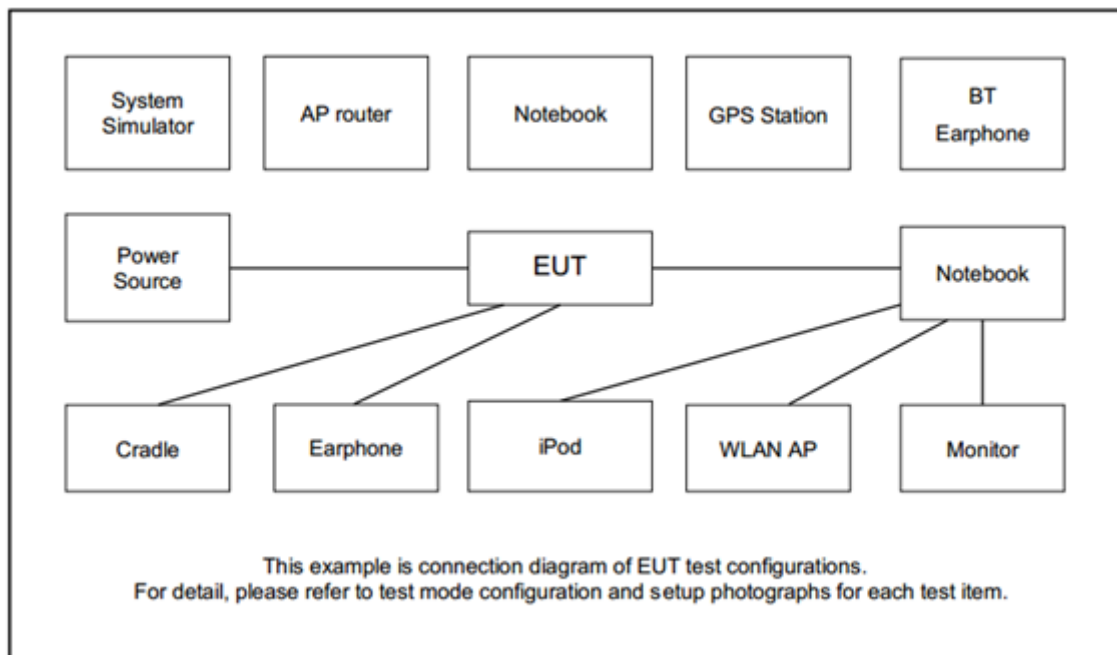
2.1. Test Mode

The EUT is tested along with the peripherals, operating under possible configurations in compliant with normal operation. The maximum emissions can be identified by a pre-scan carried out in different orientations of placement pursuant to ANSI C63.4-2014. Frequency range covered: Conduction Emission (150 kHz to 30 MHz), Radiation Emission (30 MHz to the 5th harmonics of the highest fundamental frequency or to 40 GHz, whichever is lower).

Test Items	Functions Enabled
AC Conducted Emission	Mode 1: GSM 850 Idle(Middle CH) + BT Link + 2.4G WIFI Link + Camera(Rear) + SIM 1 + USB Cable 1 (Charging from Adapter 1) + Battery 1 for Sample 1
	Mode 2: LTE Band 12 Idle(Low CH) + BT Link + 5G WIFI Link + Camera(Front) + SIM 1 + USB Cable 2 (Charging from Adapter 2) + Battery 1 for Sample 1
	Mode 3: LTE Band 13 Idle(High CH) + BT Link + 5G WIFI(Band IV) Link + MPEG4(Run Color Bar) + SIM1 + USB Cable 3 (Charging from Adapter 2) + Battery 1 for Sample 1
	Mode 4: LTE Band 17 Idle(Low CH) + BT idle + WIFI idle + GNSS RX + SIM 1 + USB Cable 1 (Data Link with Notebook) + EUT (eMMC) USB Data Link to NB + Battery 1 for Sample 1
	Mode 5: SA n26 Idle(Middle CH) + BT idle + WIFI idle + NFC ON + SIM 1 + USB Cable 1 (Data Link with Notebook) + NB USB Data Link to EUT (eMMC) + Battery 1 for Sample 1
	Mode 6: SA n26 Idle(Middle CH) + BT idle + WIFI idle + NFC ON + SIM 1 + USB Cable 3 (Data Link with Notebook) + NB USB Data Link to EUT (eMMC) + Battery 1 for Sample 1
	Mode 7: LTE Band 13 Idle(High CH) + BT Link + 5G WIFI(Band IV) Link + FM RX + SIM 1 + Earphone + Battery 1 + USB Cable 3 (Charging from Adapter 2) for Sample 1
	Mode 8: LTE Band 13 Idle(High CH) + BT Link + 5G WIFI(Band IV) Link + FM RX + SIM 1 + Earphone + Battery 2 + USB Cable 3 (Charging from Adapter 2) for Sample 2
	Mode 9: LTE Band 13 Idle(High CH) + BT Link + 5G WIFI(Band IV) Link + MPEG4(Run Color Bar) + SIM1 + USB Cable 3 (Charging from Adapter 3) + Battery 1 for Sample 1

Test Items	Functions Enabled
Radiated Emissions	Mode 1: GSM 850 Idle(Middle CH) + BT Link + 2.4G WIFI Link + Camera(Rear) + SIM 1 + USB Cable 1 (Charging from Adapter 1) + Battery 1 for Sample 1
	Mode 2: LTE Band 12 Idle(Low CH) + BT Link + 5G WIFI Link + Camera(Front) + SIM 2 + USB Cable 2 (Charging from Adapter 2) + Battery 1 for Sample 1
	Mode 3: LTE Band 13 Idle(High CH) + BT Link + 5G WIFI(Band IV) Link + MPEG4(Run Color Bar) + E-SIM + USB Cable 3 (Charging from Adapter 1) + Battery 1 for Sample 1
	Mode 4: LTE Band 17 Idle(Low CH) + BT idle + WIFI idle + GNSS RX + SIM 1 + USB Cable 1 (Data Link with Notebook) + EUT (eMMC) USB Data Link to NB + Battery 1 for Sample 1
	Mode 5: SA n26 Idle(Middle CH) + BT idle + WIFI idle + NFC ON + SIM 1 + USB Cable 1 (Data Link with Notebook) + NB USB Data Link to EUT (eMMC) + Battery 1 for Sample 1
	Mode 6: GSM 850 Idle(Middle CH) + BT Link + 2.4G WIFI Link + FM RX + SIM 1 + USB Cable 3 (Data Link with Notebook) + NB USB Data Link to EUT (eMMC) + Battery 1 for Sample 1
	Mode 7: GSM 850 Idle(Middle CH) + BT Link + 2.4G WIFI Link + Camera(Rear) + SIM 1 + Earphone + Battery 1 for Sample 1
	Mode 8: GSM 850 Idle(Middle CH) + BT Link + 2.4G WIFI Link + Camera(Rear) + USB Cable 1 (Charging from Adapter 1) + Battery 2 for Sample 2
	Mode 9: GSM 850 Idle(Middle CH) + BT Link + 2.4G WIFI Link + Camera(Rear) + SIM 1 + USB Cable 1 (Charging from Adapter 3) + Battery 1 for Sample 1
Remark: - The worst case of AC is mode 7; only the test data of this mode was reported. - The worst case of RE is mode 1; only the test data of this mode was reported. - For Radiation Emission after pre-scanned the cellular band between 30MHz ~ 960MHz (GSM850/WCDMA Band V/LTE Band 5/12/13/17/26); only the worst case for cellular band test data of this mode was reported. - Data Link with Notebook means data application transferred mode between EUT and Notebook.	

2.2. Connection Diagram of Test System



2.3. Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	5G Wireless Test Platform	Anritsu	MT80000A	N/A	N/A	Unshielded, 1.8m
2.	Base Station	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8m
3.	Base Station	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8m
4.	Base Station	R&S	CMU 200	N/A	N/A	Unshielded, 1.8m
5.	Base Station	R&S	CMW 500	N/A	N/A	Unshielded, 1.8m
6.	GPS Station	Pendulum	GSG-6	N/A	N/A	Unshielded, 1.8m
7.	GPS Station	T&E	GS-50	N/A	N/A	Unshielded, 1.8m
8.	NOTE BOOK	ACER	A515-54G-51QB	FCC DoC	N/A	AC I/P: Unshielded, 1.2m DC O/P: Shielded, 1.8m
9.	NOTE BOOK	Dell	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2m DC O/P: Shielded, 1.8m
10.	NOTE BOOK	Dell	Latitude 5310	FCC DoC	N/A	AC I/P: Unshielded, 1.2m DC O/P: Shielded, 1.8m
11.	WLAN AP	ASUS	RT-AC52	MSQ-RTAC4A00	N/A	Unshielded, 1.8m
12.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8m
13.	WLAN AP	ASUS	RT-AX88U	MSQ-RTAXHP00	N/A	Unshielded, 1.8m
14.	Bluetooth Earphone	SonyEricsson	MW600	PY700A2029	N/A	N/A
15.	Earphone + Mic	Samsung	Ecouteur	N/A	nonshielded 1.8m	N/A
16.	Earphone	Apple	A1472	Verification	Unshielded, 1.2m	N/A
17.	iPod	Apple	A1285	FCC DoC	Shielded, 1.0m	N/A
18.	iPod	Apple	A1199	DoC	Shielded, 1.0m	N/A

2.4. EUT Operation Test Setup

The EUT is in GSM or WCDMA or LTE or 5G NR idle mode during the test. The EUT is synchronized with the BCCH, and has been continuous receiving mode by setting paging reorganization of the system simulator.

At the same time, the EUT is attached to the Bluetooth earphone or WLAN AP, and the following programs installed in the EUT are programmed during the test:

1. Data application is transferred between notebook and EUT via USB cable.
2. Execute "Windows Video Player" to play MPEG4 files.
3. Turn on camera to capture images.
4. Turn on GNSS function to make the EUT receive continuous signals from GNSS station.
5. Turn on FM function to make the EUT receive continuous signals from FM station.
6. Turn on NFC function

3. Test Result

3.1. Test of AC Conducted Emission Measurement

3.1.1. Limits of AC Conducted Emission

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.

<Class B>

Frequency of emission (MHz)	Conducted limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

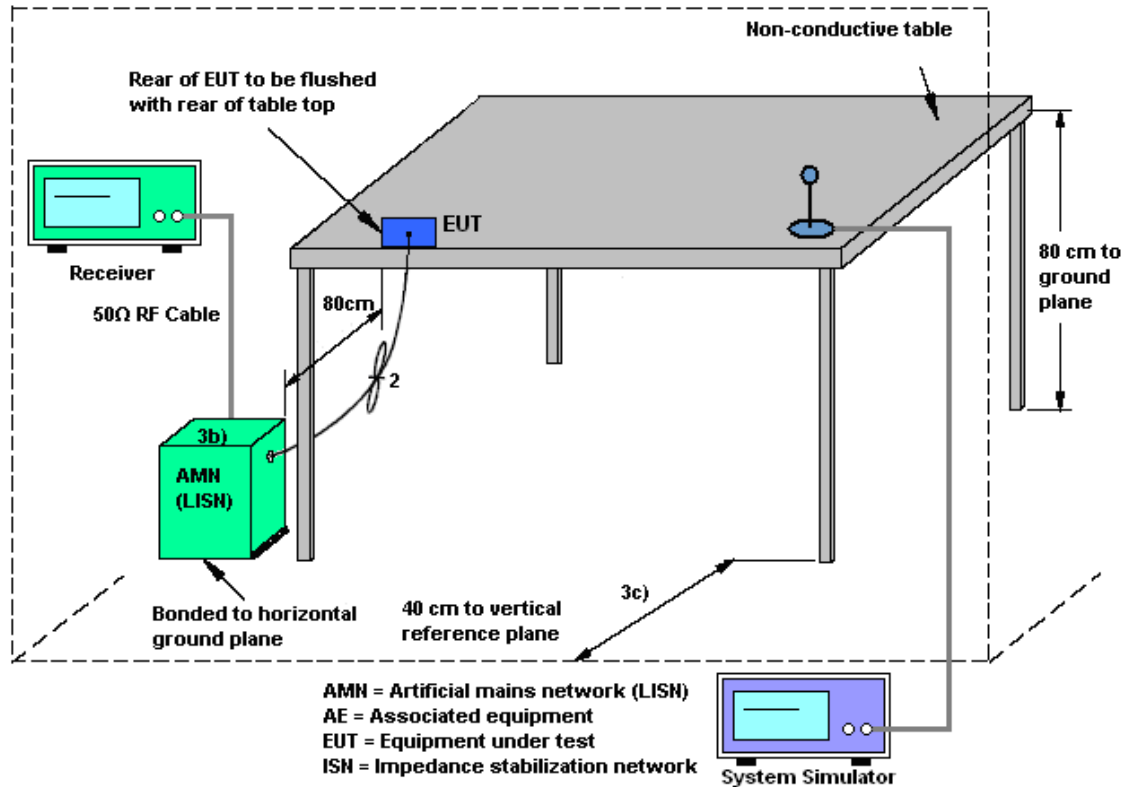
3.1.2. Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.1.3. Test Procedure

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (If Bandwidth = 9 kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

3.1.4. Test Setup



3.1.5. Test Result of AC Conducted Emission

Please refer to Appendix A.

3.2. Test of Radiated Emission Measurement

3.2.1. Limit of Radiated Emission

The emissions from an unintentional radiator shall not exceed the field strength levels specified in the following table:

<Class B>

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

Frequency (MHz)	Field Strength (dBuV/meter)	Measurement Distance (meters)
30 – 230	30	10
230 – 1000	37	10

Frequency (GHz)	Average (dBuV/meter)	Peak (dBuV/meter)
1 to 3	50	70
3 to 6	54	74

Note: Measurement follows the CISPR 22 limit line as below :

15.109 (g) As an alternative to the radiated emission limits shown in paragraphs (a) and (b) of this section, digital devices may be shown to comply with the standards contained in Third Edition of the International Special Committee on Radio Interference (CISPR), Pub. 22, "Information Technology Equipment - Radio Disturbance Characteristics - Limits and Methods of Measurement"

3.2.2. Measuring Instruments

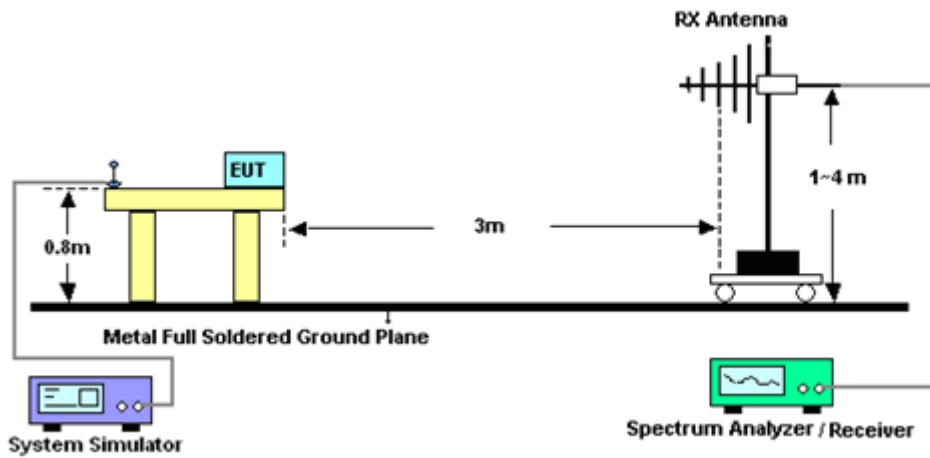
Please refer to the measuring equipment list in this test report.

3.2.3. Test Procedures

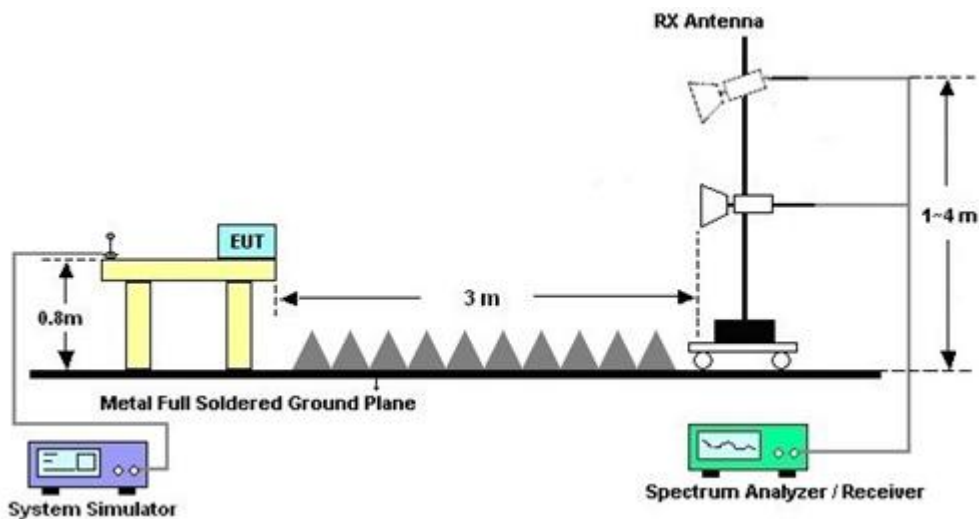
1. The EUT is placed on a turntable with 0.8 meter above ground.
2. The EUT is set 3 meters from the interference receiving antenna, which is mounted on the top of a variable height antenna tower.
3. The table is rotated 360 degrees to determine the position of the highest radiation.
4. The antenna is a Bi-Log antenna and its height is adjusted between one to four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120 kHz/VBW=300 kHz for frequency below 1 GHz; RBW=1 MHz VBW=3 MHz (Peak), RBW=1 MHz/VBW=10 Hz (Average) for frequency above 1 GHz).
7. If the emission level of the EUT in peak mode is 3 dB 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.

3.2.4. Test Setup of Radiated Emission

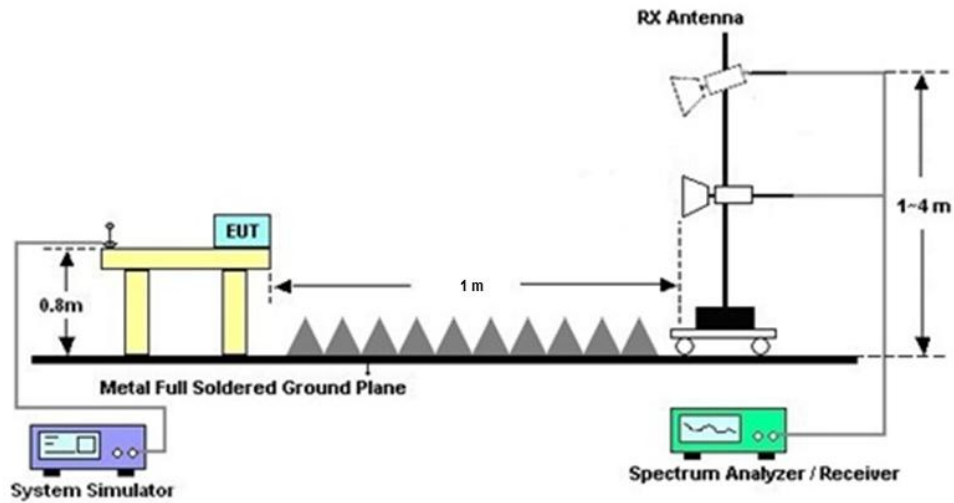
For Radiated Emissions from 30 MHz to 1 GHz



For Radiated Emissions from 1GHz to 18GHz



For Radiated Emissions above 18GHz



3.2.5. Test Result of Radiated Emission

Please refer to Appendix B.



4. List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Jun. 17, 2026~ Jun. 30, 2026	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jun. 17, 2026~ Jun. 30, 2026	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz~200MHz	Oct. 20, 2025	Jun. 17, 2026~ Jun. 30, 2026	Oct. 19, 2026	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 2, 2026	Jun. 17, 2026~ Jun. 30, 2026	Mar. 1, 2027	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Apr. 9, 2026	Jun. 17, 2026~ Jun. 30, 2026	Apr. 8, 2027	Conduction (CO07-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Apr. 10, 2026	Jun. 17, 2026~ Jun. 30, 2026	Apr. 10, 2027	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Oct. 21, 2025	Jun. 17, 2026~ Jun. 30, 2026	Oct. 20, 2026	Conduction (CO07-HY)
Amplifier	SONOMA	310N	187311	9kHz~1GHz	Oct. 13, 2025	Jun. 15, 2026~ Jun. 29, 2026	Oct. 12, 2026	Radiation (03CH10-HY)
Bilog Antenna	TESEQ	CBL 6111D & VFA_Z-04002-N-06	35413 & 01	30MHz~1GHz	May.27, 2026	Jun. 15, 2026~ Jun. 29, 2026	May.26, 2027	Radiation (03CH10-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1325	1GHz~18GHz	Oct. 28, 2025	Jun. 15, 2026~ Jun. 29, 2026	Oct. 27, 2026	Radiation (03CH10-HY)
Preamplifier	Jet-Power	JAP00101800-30-10P	160118550004	1GHz~18GHz	Feb. 24, 2026	Jun. 15, 2026~ Jun. 29, 2026	Feb. 23, 2027	Radiation (03CH10-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Jun. 15, 2026~ Jun. 29, 2026	N/A	Radiation (03CH10-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Jun. 15, 2026~ Jun. 29, 2026	N/A	Radiation (03CH10-HY)
Turn Table	EMEC	TT 2200	N/A	0~360 Degree	N/A	Jun. 15, 2026~ Jun. 29, 2026	N/A	Radiation (03CH10-HY)
Software	Audix	E3 6.2009-8-24	RK-001042	N/A	N/A	Jun. 15, 2026~ Jun. 29, 2026	N/A	Radiation (03CH10-HY)
EMI Test Receiver	Agilent	N9038A	MY59053012	3Hz~26.5GHz	Nov. 13, 2025	Jun. 15, 2026~ Jun. 29, 2026	Nov. 22, 2026	Radiation (03CH10-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519226/2, 804014/2, 804026/2	30MHz~40GHz	Oct. 28, 2025	Jun. 15, 2026~ Jun. 29, 2026	Oct. 27, 2026	Radiation (03CH10-HY)
Spectrum Analyzer	Keysight	N9010B	MY60241058	10Hz~44GHz	Jul. 15, 2025	Jun. 15, 2026~ Jun. 29, 2026	Jul. 14, 2026	Radiation (03CH10-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz~40GHz	Jul. 02, 2025	Jun. 15, 2026~ Jun. 29, 2026	Jul. 01, 2026	Radiation (03CH10-HY)
Preamplifier	EMEC	EM18G40G	060873	18GHz~40GHz	Aug. 26, 2025	Jun. 15, 2026~ Jun. 29, 2026	Aug. 25, 2026	Radiation (03CH10-HY)

5. Measurement Uncertainty

Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.7 dB
---	--------

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.50 dB (Horizontal) 6.50 dB (Vertical)
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.40 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.20 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.40 dB
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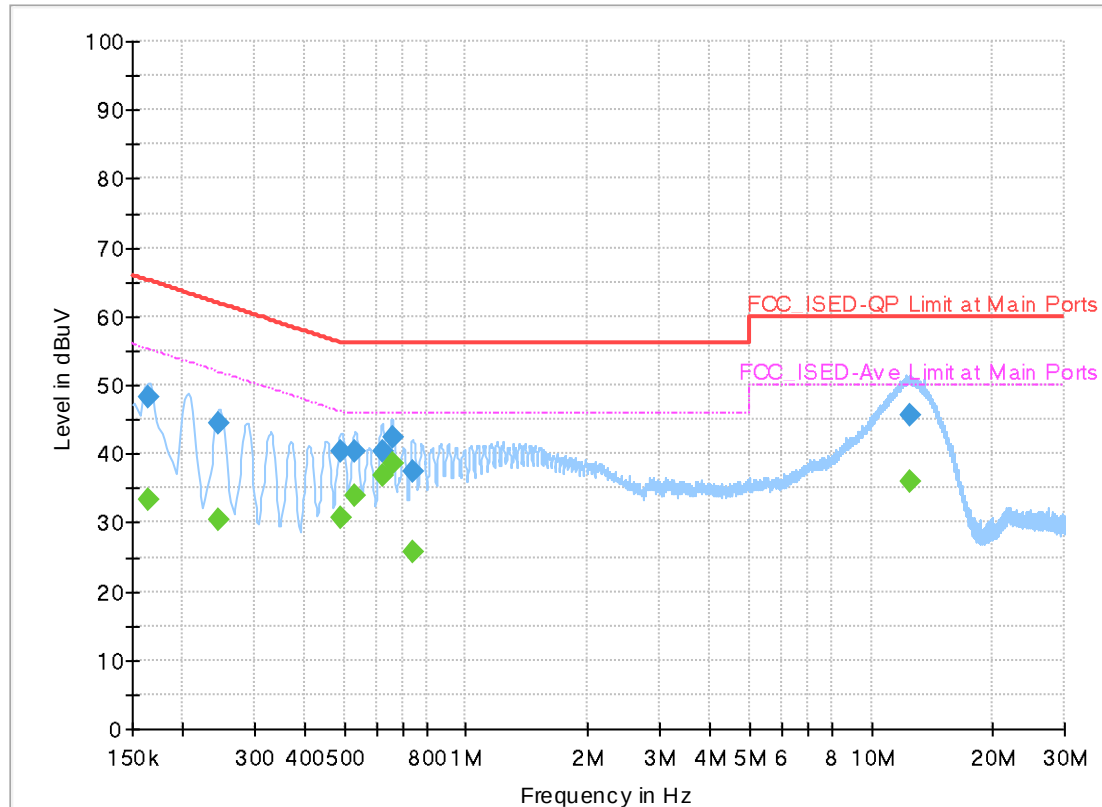
Appendix A. AC Conducted Emission Test Results

Test Engineer :	Louis Chung, Brian Chen	Temperature :	23.8 ~ 25°C
		Relative Humidity :	42 ~ 46%

EUT Information

Report NO : 651501-01
 Test Mode : Mode 7
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum

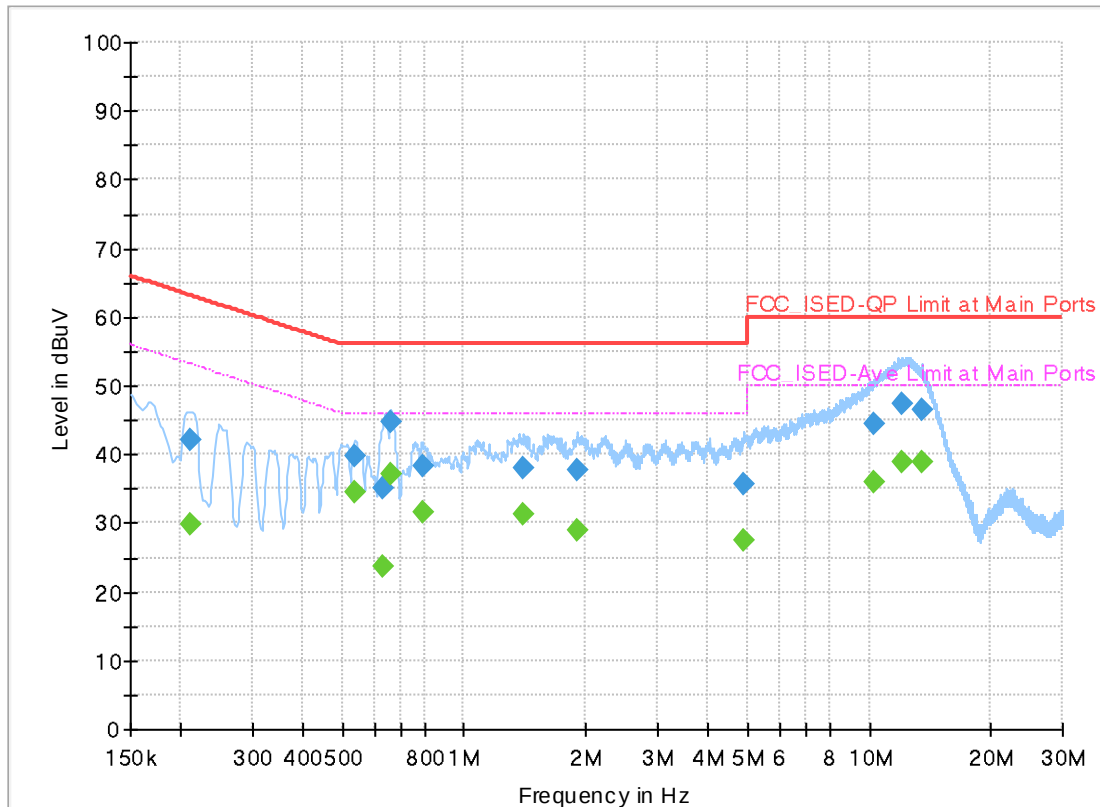
**Final Result**

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.163410	---	33.40	55.29	21.89	L1	ON	20.0
0.163410	48.21	---	65.29	17.08	L1	ON	20.0
0.246030	---	30.55	51.89	21.34	L1	ON	20.0
0.246030	44.34	---	61.89	17.55	L1	ON	20.0
0.492360	---	30.66	46.13	15.47	L1	ON	20.0
0.492360	40.26	---	56.13	15.87	L1	ON	20.0
0.534210	---	33.96	46.00	12.04	L1	ON	20.0
0.534210	40.47	---	56.00	15.53	L1	ON	20.0
0.621060	---	36.98	46.00	9.02	L1	ON	20.0
0.621060	40.43	---	56.00	15.57	L1	ON	20.0
0.660750	---	38.71	46.00	7.29	L1	ON	20.0
0.660750	42.40	---	56.00	13.60	L1	ON	20.0
0.739230	---	25.86	46.00	20.14	L1	ON	20.0
0.739230	37.35	---	56.00	18.65	L1	ON	20.0
12.468750	---	36.01	50.00	13.99	L1	ON	20.1
12.468750	45.58	---	60.00	14.42	L1	ON	20.1

EUT Information

Report NO : 651501-01
 Test Mode : Mode 7
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



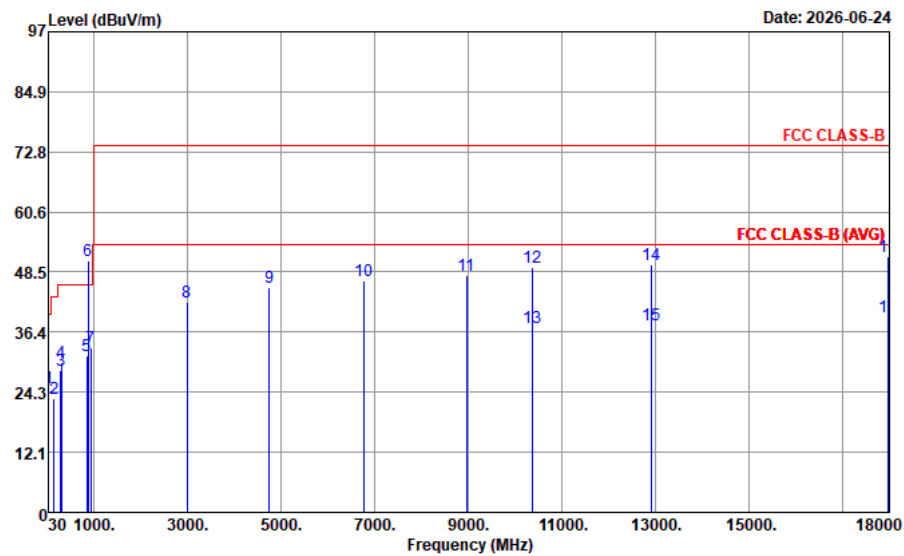
Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.210750	---	29.85	53.18	23.33	N	ON	20.0
0.210750	42.09	---	63.18	21.09	N	ON	20.0
0.536730	---	34.56	46.00	11.44	N	ON	20.0
0.536730	39.89	---	56.00	16.11	N	ON	20.0
0.633750	---	23.73	46.00	22.27	N	ON	20.0
0.633750	35.15	---	56.00	20.85	N	ON	20.0
0.659580	---	37.01	46.00	8.99	N	ON	20.0
0.659580	44.85	---	56.00	11.15	N	ON	20.0
0.788640	---	31.61	46.00	14.39	N	ON	20.0
0.788640	38.40	---	56.00	17.60	N	ON	20.0
1.405500	---	31.23	46.00	14.77	N	ON	20.0
1.405500	38.03	---	56.00	17.97	N	ON	20.0
1.898610	---	28.99	46.00	17.01	N	ON	20.0
1.898610	37.63	---	56.00	18.37	N	ON	20.0
4.875540	---	27.59	46.00	18.41	N	ON	20.0
4.875540	35.66	---	56.00	20.34	N	ON	20.0
10.316040	---	36.07	50.00	13.93	N	ON	20.1
10.316040	44.58	---	60.00	15.42	N	ON	20.1
12.062130	---	38.91	50.00	11.09	N	ON	20.1
12.062130	47.43	---	60.00	12.57	N	ON	20.1
13.559910	---	38.88	50.00	11.12	N	ON	20.2
13.559910	46.61	---	60.00	13.39	N	ON	20.2

Appendix B. Radiated Emission Test Result

Test Engineer :	Yu Wang	Temperature :	22.6 ~ 23.4℃
		Relative Humidity :	54.3 ~ 56.6%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		

- Emission level (dB μ V/m) = 20 log Emission level (μ V/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamplifier Factor
- Corrected Reading: Factor(dB) + Read Level = Level



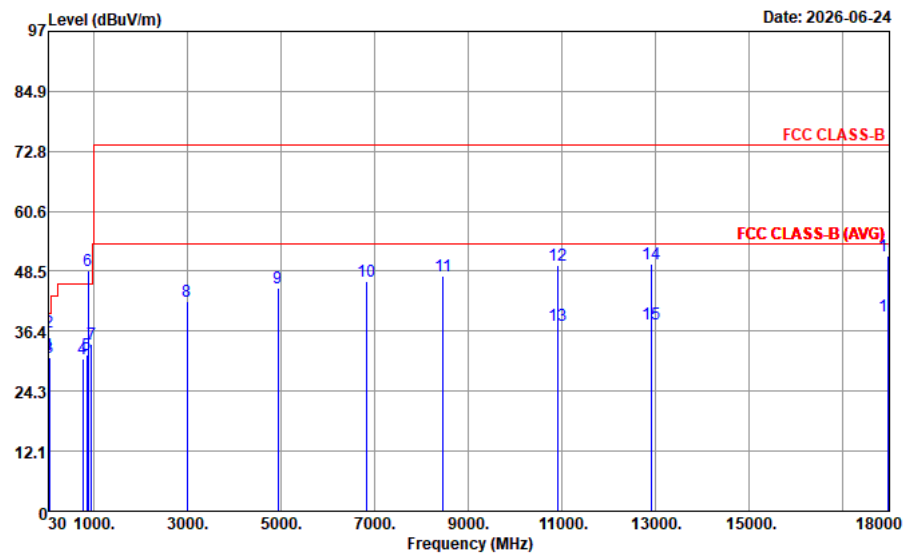
Site : 03CH10-HY
Condition : FCC CLASS-B 3m 9120D-1325_251028 HORIZONTAL
Project : 651501-01
Power : 120Vac/60Hz
Mode : 1

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg	
1	40.26	25.02	-14.98	40.00	37.67	-12.65	---	---	Peak
2	155.01	23.00	-20.50	43.50	37.15	-14.15	---	---	Peak
3	299.19	28.64	-17.36	46.00	39.44	-10.80	---	---	Peak
4	308.40	30.32	-15.68	46.00	41.01	-10.69	---	---	Peak
5	847.40	31.69	-14.31	46.00	30.02	1.67	---	---	Peak
6 *	881.50	50.76			48.88	1.88	---	---	Peak
7	940.50	33.12	-12.88	46.00	29.38	3.74	---	---	Peak
8	2992.00	42.55	-31.45	74.00	62.00	-19.45	---	---	Peak
9	4744.00	45.51	-28.49	74.00	60.32	-14.81	---	---	Peak
10	6774.00	46.87	-27.13	74.00	55.98	-9.11	---	---	Peak
11	8964.00	47.88	-26.12	74.00	53.82	-5.94	---	---	Peak
12	10372.00	49.45	-24.55	74.00	52.28	-2.83	---	---	Peak
13	10372.00	37.36	-16.64	54.00	40.19	-2.83	---	---	Average
14	12922.00	49.85	-24.15	74.00	48.24	1.61	---	---	Peak
15	12922.00	37.77	-16.23	54.00	36.16	1.61	---	---	Average
16	17985.00	51.62	-22.38	74.00	41.82	9.80	---	---	Peak
17	17985.00	39.47	-14.53	54.00	29.67	9.80	---	---	Average



Test Engineer :	Yu Wang	Temperature :	22.6 ~ 23.4°C
		Relative Humidity :	54.3 ~ 56.6%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		

- Emission level (dBμV/m) = 20 log Emission level (μV/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor
- Corrected Reading: Factor(dB) + Read Level = Level



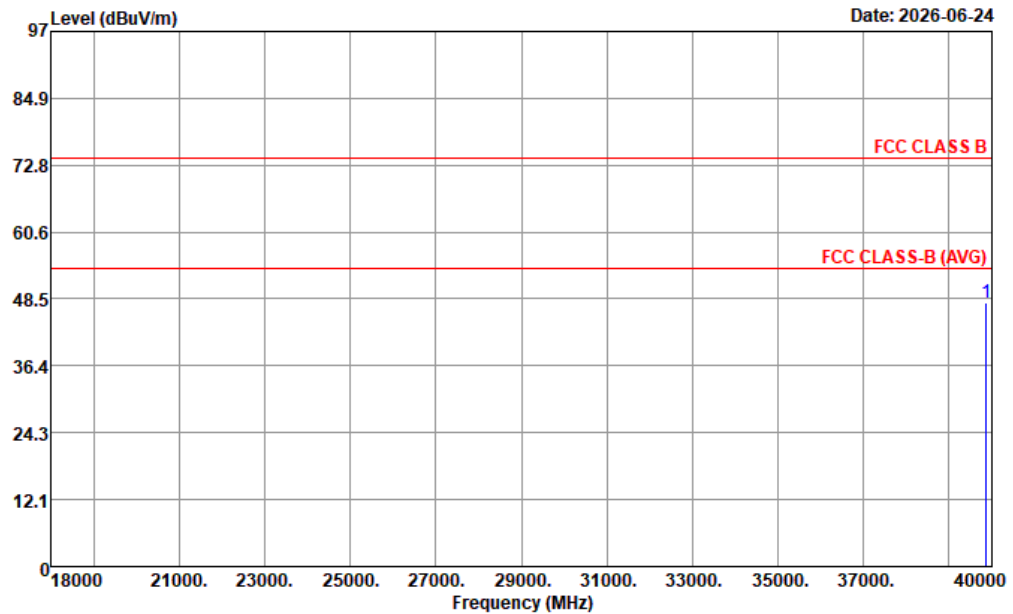
Site : 03CH10-HY
Condition : FCC CLASS-B 3m 9120B-1325_251028 VERTICAL
Project : 651501-01
Power : 120Vac/60Hz
Mode : 1

	Freq	Level	Over	Limit	Read		A/Pos	T/Pos	Remark
	MHz	dBμV/m	Limit	Line	Level	Factor			
	MHz	dBμV/m	dB	dBμV/m	dBμV	dB/m	cm	deg	
1	30.00	31.54	-8.46	40.00	39.45	-7.91	---	---	Peak
2	41.07	36.26	-3.74	40.00	49.29	-13.03	100	111	QP
3	55.92	30.97	-9.03	40.00	50.65	-19.68	---	---	Peak
4	772.50	30.70	-15.30	46.00	30.46	0.24	---	---	Peak
5	846.00	31.58	-14.42	46.00	29.94	1.64	---	---	Peak
6 *	881.50	48.72			46.84	1.88	---	---	Peak
7	958.00	33.90	-12.10	46.00	29.15	4.75	---	---	Peak
8	2992.00	42.42	-31.58	74.00	61.87	-19.45	---	---	Peak
9	4930.00	45.05	-28.95	74.00	58.80	-13.75	---	---	Peak
10	6818.00	46.34	-27.66	74.00	55.48	-9.14	---	---	Peak
11	8470.00	47.51	-26.49	74.00	53.68	-6.17	---	---	Peak
12	10928.00	49.58	-24.42	74.00	51.42	-1.84	---	---	Peak
13	10928.00	37.43	-16.57	54.00	39.27	-1.84	---	---	Average
14	12904.00	49.94	-24.06	74.00	48.38	1.56	---	---	Peak
15	12904.00	37.78	-16.22	54.00	36.22	1.56	---	---	Average
16	17975.00	51.71	-22.29	74.00	41.98	9.73	---	---	Peak
17	17975.00	39.55	-14.45	54.00	29.82	9.73	---	---	Average



Test Engineer :	Yu Wang	Temperature :	22.6 ~ 23.4°C
		Relative Humidity :	54.3 ~ 56.6%
Test Distance :	3m	Polarization :	Horizontal

- Emission level (dBμV/m) = 20 log Emission level (μV/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor
- Corrected Reading: Factor(dB) + Read Level = Level



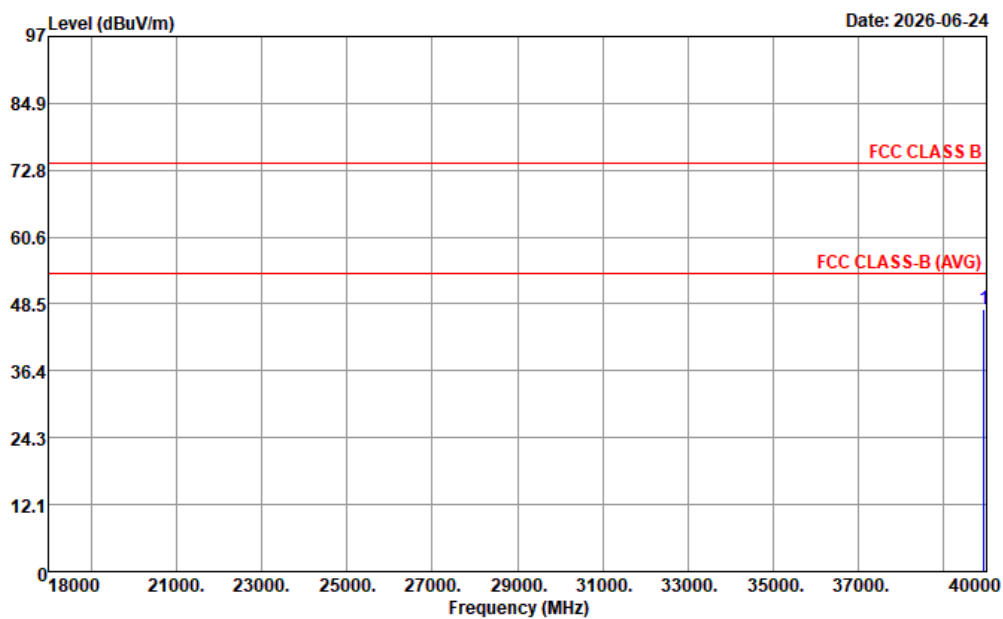
Site : 03CH10-HY
Condition : FCC CLASS B 1m SHF_1223_250702 HORIZONTAL
Project : 651501-01
Power : 120Vac/60Hz
Mode : 1

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg	
1	39868.00	47.90	-26.10	74.00	40.62	7.28	---	---	Peak



Test Engineer :	Yu Wang	Temperature :	22.6 ~ 23.4°C
		Relative Humidity :	54.3 ~ 56.6%
Test Distance :	3m	Polarization :	Vertical

- Emission level (dBμV/m) = 20 log Emission level (μV/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor
- Corrected Reading: Factor(dB) + Read Level = Level



Site : 03CH10-HY
Condition : FCC CLASS B 1m SHF_1223_250702 VERTICAL
Project : 651501-01
Power : 120Vac/60Hz
Mode : 1

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg	
1	39934.00	47.55	-26.45	74.00	40.37	7.18	---	---	Peak