



FCC EMI TEST REPORT

FCC ID : IHDT56AX5
Equipment : Mobile Cellular Phone
Brand Name : Motorola
Model Name : XT2651V
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 Jun. 16, 2026 and testing was performed from Jun 23, 2026 to Jun 26, 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.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010



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History of this test report

Report No.	Version	Description	Issue Date
FC660814	01	Initial issue of report	Aug. 03, 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: Freda Wu

1. General Description

1.1. Product Feature of Equipment Under Test

Product Feature	
General Specs	GSM/WCDMA/LTE/5G NR/mmW, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, Wi-Fi 6GHz 802.11a/ax/be, GNSS, NFC,WPT and UWB.
Antenna Type	WWAN : Loop/IFA/PIFA/Patch Antenna Bluetooth/WLAN : IFA Antenna UWB : Loop/PIFA Antenna GNSS : IFA Antenna NFC: Coil Antenna WPT: Coil Antenna

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

EUT Information List	
IMEI	Performed Test Item
352595240017619 352595240017627	AC Conducted Emission
352595240017619 352595240017627	Radiated Emission

1.2. Modification of EUT

No modifications made to the EUT during the testing.

1.3. Test Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333 TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. CO05-HY(TAF Code: 1190)
Remark	The Conducted Emission test item subcontracted to Sporton International Inc. EMC & Wireless Communications Laboratory.

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

FCC designation No.: TW1093 and TW1132

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 Part15 Subpart B Class B
- ♦ ANSI C63.4-2014
- ♦ ANSI C63.4a-2017

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

1.5. Specification of Accessory

Specification of Accessory				
Battery 1	Brand Name	Motorola	Model Name	SH29
Battery 2	Brand Name	Motorola	Model Name	SH31
USB Cable 1	Brand Name	Motorola(SAIBAO)	Model Name	SC18D86731
USB Cable 2	Brand Name	Motorola(Luxshare)	Model Name	SC18E08103

2. Test Configuration of Equipment Under Test

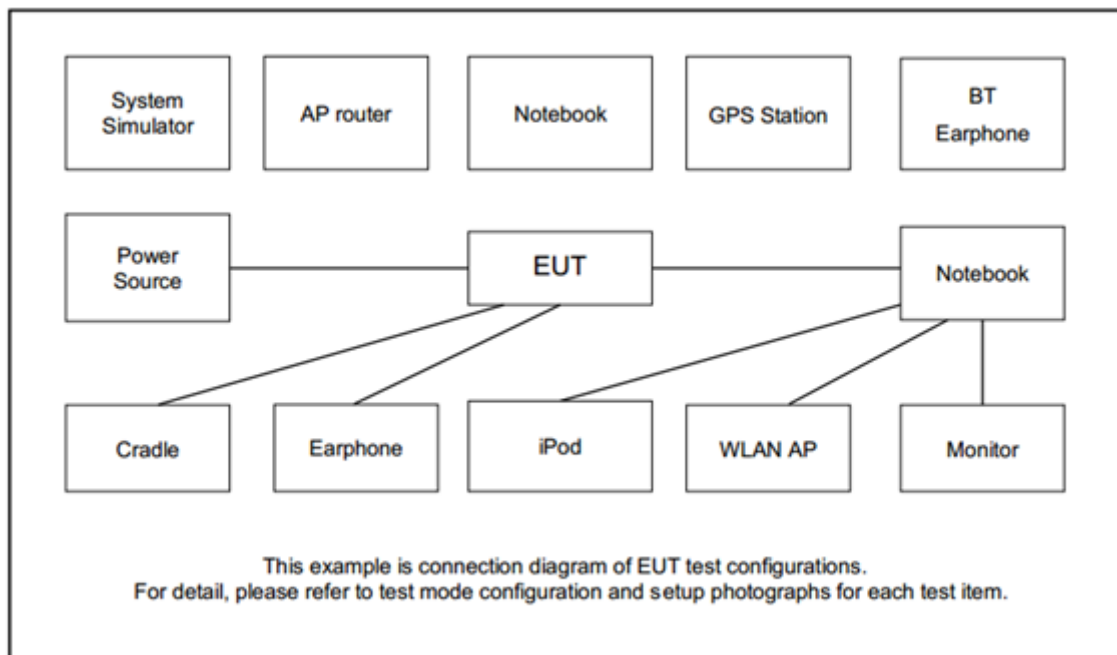
2.1. Test Mode

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 Rx(Low) + Bluetooth Idle + WLAN (2.4G) Idle + Open Mode + Camera(Rear) + Battery 1 + UWB Idle + USB Cable 1 (Charging from Adapter) + SIM 1
	Mode 2: WCDMA 850 Rx(Middle) + Bluetooth Idle + WLAN (5G) Idle + Open Mode + Camera(Front) + Battery 1 + UWB Link + USB Cable 2 (Charging from Adapter) + SIM 2
	Mode 3: LTE Band 12 Rx(High) + Bluetooth Idle + WLAN (6G) Idle + Open Mode + NFC Tx + Battery 1 + UWB Idle + USB Cable 1 (Data Link with Notebook) + EUT (eMMC) USB Data Link to PC/NB + SIM 2
	Mode 4: LTE Band 13 Rx(High) + Bluetooth Idle + WLAN (2.4G) Idle + Open Mode + MPEG4(Run Color Bar) + Battery 1 + UWB Idle + USB Cable 1 (Data Link with Notebook) + PC/NB USB Data Link to EUT (eMMC) + SIM 2
	Mode 5: LTE Band 26 Rx(Low) + Bluetooth Idle + WLAN (5G) Idle + Open Mode + GNSS Rx + Battery 1 + UWB Link + USB Cable 2 (Data Link with Notebook) + PC/NB USB Data Link to EUT (eMMC) + SIM 2
	Mode 6: LTE Band 71 Rx(Middle) + Bluetooth Idle + WLAN (6G) Idle + Open Mode + Camera(Front) + Battery 1 + UWB Idle + Earphone + USB Cable 2 (EUT Charging from Wireless charger) + Adapter Connect to Wireless charger + SIM 2
	Mode 7: SA N5 Rx(Low) Idle + Bluetooth Idle + WLAN (2.4G) Idle + Open Mode + Camera(Front) + Battery 1 +UWB Idle + USB Cable 2 (Charging from Adapter) + (EUT Wireless Charging to other phones) + SIM 2
	Mode 8: GSM 850 Rx(Low) + Bluetooth Idle + WLAN (5G) Idle + Open Mode + Camera(Front) + Battery 1 + UWB Link + USB Cable 2 (Charging from Adapter)

Radiated Emissions	Mode 1: GSM 850 Rx(Low) + Bluetooth Idle + WLAN (2.4G) Idle + Open Mode + Camera(Rear) + Battery 1 + UWB Idle + USB Cable 1 (Charging from Adapter) + SIM 1 Mode 2: WCDMA 850 Rx(Middle) + Bluetooth Idle + WLAN (5G) Idle + Open Mode + Camera(Front) + Battery 1 + UWB Link + USB Cable 2 (Charging from Adapter) + SIM 1 Mode 3: LTE Band 12 Rx(High) + Bluetooth Idle + WLAN (6G) Idle + Open Mode + NFC Tx + Battery 1 + UWB Idle + USB Cable 1 (Data Link with Notebook) + EUT (eMMC) USB Data Link to PC/NB + SIM 1 Mode 4: LTE Band 13 Rx(High) + Bluetooth Idle + WLAN (2.4G) Idle + Open Mode + MPEG4(Run Color Bar) + Battery 1 + UWB Idle + USB Cable 1 (Data Link with Notebook) + PC/NB USB Data Link to EUT (eMMC) + SIM 1 Mode 5: LTE Band 26 Rx(Low) + Bluetooth Idle + WLAN (5G) Idle + Open Mode + GNSS Rx + Battery 1 + UWB Link + USB Cable 2 (Data Link with Notebook) + PC/NB USB Data Link to EUT (eMMC) + SIM 1 Mode 6: LTE Band 71 Rx(Middle) + Bluetooth Idle + WLAN (6G) Idle + Open Mode + Camera(Rear) + Battery 1 + UWB Idle + Earphone + USB Cable 1 (EUT Charging from Wireless charger) + Adapter Connect to Wireless charger + SIM 1 Mode 7: SA N5 Rx(Low) Idle + Bluetooth Idle + WLAN (2.4G) Idle + Open Mode + Camera(Rear) + Battery 1 + UWB Idle + USB Cable 1 (Charging from Adapter) + (EUT Wireless Charging to other phones) + SIM 1 Mode 8: GSM 850 Rx(Low) + Bluetooth Idle + WLAN (2.4G) Idle + Close Mode + Camera(Rear) + Battery 1 + USB Cable 1 (Charging from Adapter) + SIM 1
Remark: 1. The worst case of AC is mode 2; only the test data of this mode was reported. 2. The worst case of RE is mode 1; only the test data of this mode was reported. 3. For Radiation Emission after pre-scanned the cellular band between 30MHz ~ 960MHz (GSM850/WCDMA Band V/LTE Band 12/13/26/71/NR Band n5); only the worst case for cellular band test data of this mode was reported. 4. 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.	System simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8m
2.	System simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8m
3.	5G Wireless Test Platform	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8m
4.	Base Station	R&S	CMU 200	N/A	N/A	Unshielded, 1.8m
5.	GPS Station	Pendulum	GSG-54	N/A	N/A	Unshielded, 1.8m
6.	GPS Station	T&E	GS-50	N/A	N/A	Unshielded, 1.8m
7.	Bluetooth Earphone	Jlab Jbund Mini	2AHYV	PY7-RD0010	N/A	N/A
8.	Bluetooth Earphone	SonyEricsson	MW600	PY700A2029	N/A	N/A
9.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8m
10.	WLAN AP	ASUS	RT-AX88U	MSQ-RTAXHP00	N/A	Unshielded, 1.8m
11.	iPod	Apple	GT-AXE11000	DoC	Shielded, 1.0m	N/A
12.	iPod	Apple	A1285	FCC DoC	Shielded, 1.0m	N/A
13.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m
14.	Notebook	Dell	Latitude 5310	FCC DoC	N/A	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m
15.	Earphone	Google	N/A	N/A	Unshielded, 1.2m	N/A
16.	Mobile Phone	Moto	N/A	N/A	N/A	N/A
17.	NFC Card	N/A	N/A	N/A	N/A	N/A
18.	Wireless Charger	Moto	N/A	N/A	N/A	N/A

2.4. EUT Operation Test Setup

The EUT was in GSM or WCDMA or LTE or 5G NR idle mode during the testing. The EUT was synchronized to the BCCH, and is in continuous receiving mode by setting system simulator's paging reorganization.

At the same time, the EUT was attached to the Bluetooth earphone or WLAN AP, and the following programs installed in the EUT were programmed during the test.

1. Data application is transferred between notebook and EUT via USB cable.
2. Turn on camera to capture images.
3. Turn on MPEG4 function.
4. Turn on GNSS function to make the EUT receive continuous signals from GNSS station.
5. Turn on NFC function
6. Turn on UWB 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.

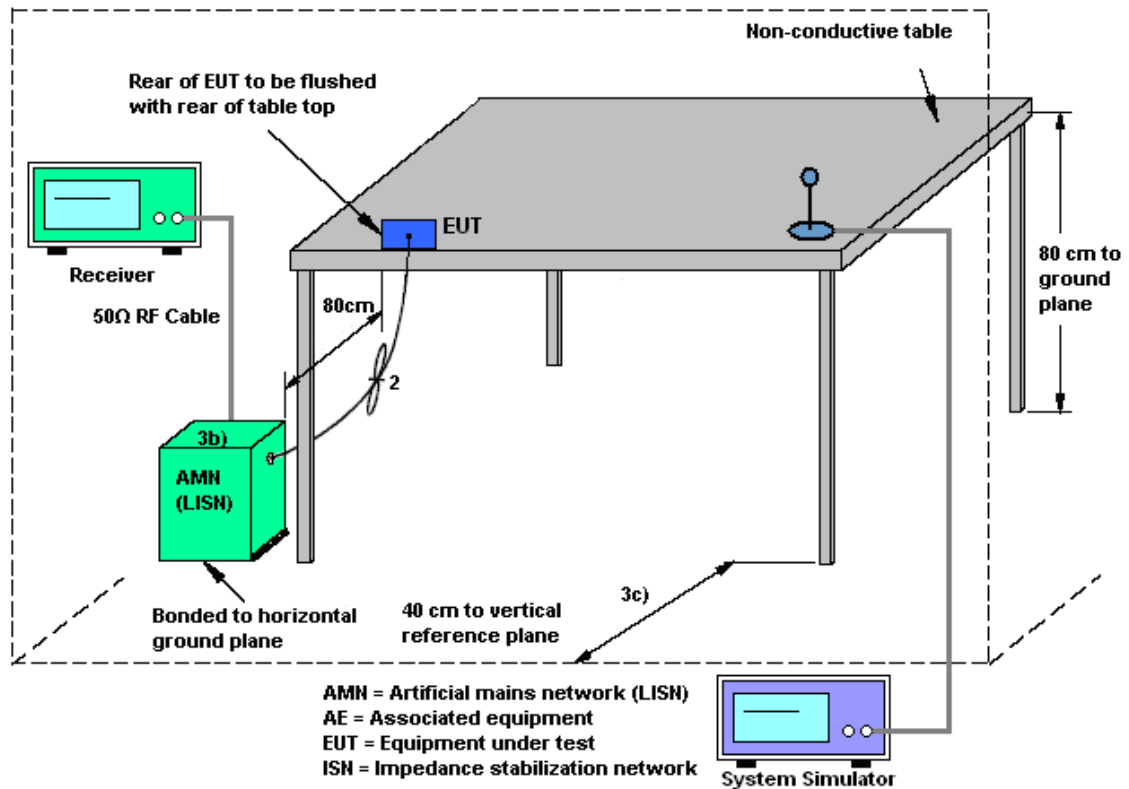
3.1.2. Measuring Instruments

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

3.2.2. Measuring Instruments

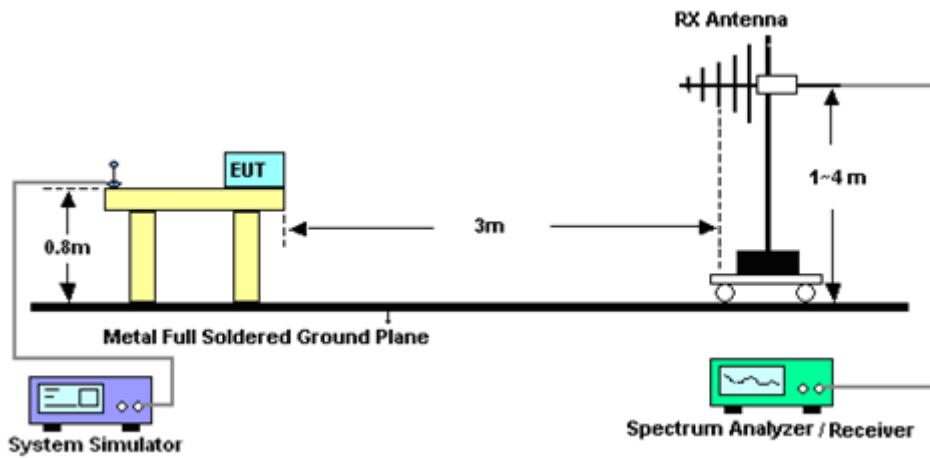
Please refer to the measuring equipment list in this test report.

3.2.3. Test Procedures

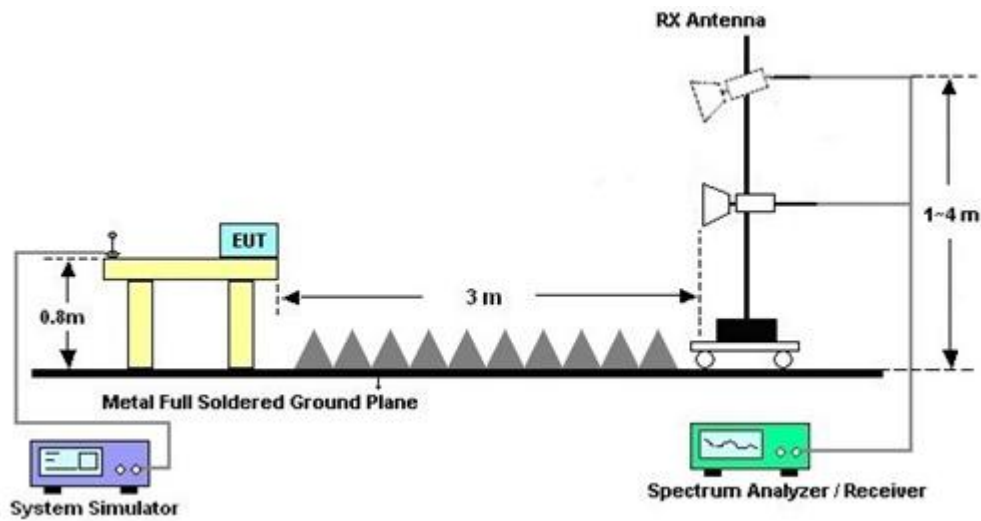
1. The EUT is placed on a turntable with 0.8 meter above ground.
2. The EUT is set 3 meters from the interference receiving antenna for measured frequency 30MHz~18GHz, which is mounted on the top of a variable height antenna tower.
3. The table is rotated 360 degrees to determine the position of the 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

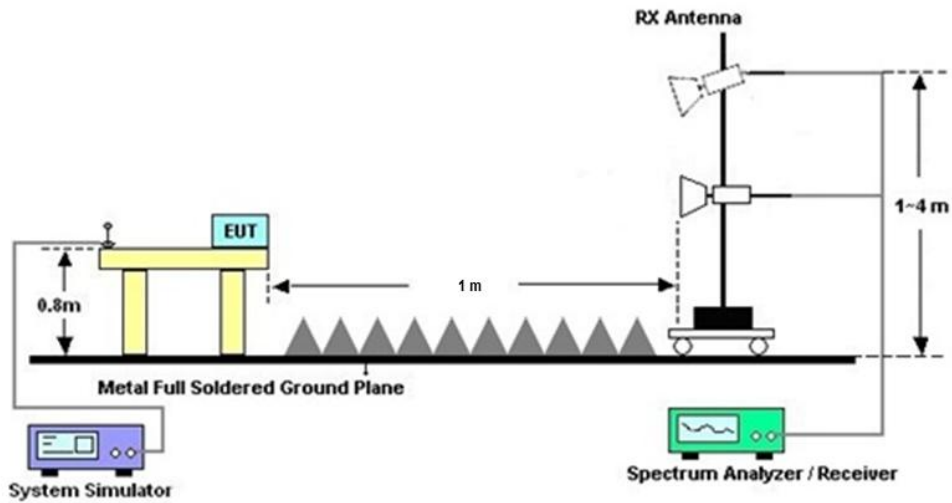
For Radiated Emissions from 30 MHz to 1 GHz



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	ChainTek	APC-1000W	N/A	N/A	N/A	Jun. 25, 2026~ Jun. 26, 2026	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	N/A	Dec. 16, 2025	Jun. 25, 2026~ Jun. 26, 2026	Dec. 15, 2026	Conduction (CO05-HY)
Hygrometer	TECPEL	DTM-303A	TP210031	N/A	Jun. 15, 2026	Jun. 25, 2026~ Jun. 26, 2026	Jun. 14, 2027	Conduction (CO05-HY)
Two-Line V-Network	Rohde & Schwarz	ENV 216 +EMCI-EXP-US S	100080+N-021	N/A	Apr. 22, 2026	Jun. 25, 2026~ Jun. 26, 2026	Apr. 21, 2027	Conduction (CO05-HY)
Two-Line V-Network	Rohde & Schwarz	ENV216	100081	N/A	Jul. 25, 2025	Jun. 25, 2026~ Jun. 26, 2026	Jul. 24, 2026	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Jun. 25, 2026~ Jun. 26, 2026	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Jul. 29, 2025	Jun. 25, 2026~ Jun. 26, 2026	Jul. 28, 2026	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	MQT24082501	N/A	Oct. 14, 2025	Jun. 25, 2026~ Jun. 26, 2026	Oct. 13, 2026	Conduction (CO05-HY)
Amplifier	SONOMA	310N	187311	9kHz~1GHz	Oct. 13, 2025	Jun 23, 2026~ Jun 25, 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 23, 2026~ Jun 25, 2026	May.26, 2027	Radiation (03CH10-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1325	1GHz~18GHz	Oct. 28, 2025	Jun 23, 2026~ Jun 25, 2026	Oct. 27, 2026	Radiation (03CH10-HY)
Preamplifier	Jet-Power	JAP00101800 -30-10P	160118550004	1GHz~18GHz	Feb. 24, 2026	Jun 23, 2026~ Jun 25, 2026	Feb. 23, 2027	Radiation (03CH10-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Jun 23, 2026~ Jun 25, 2026	N/A	Radiation (03CH10-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Jun 23, 2026~ Jun 25, 2026	N/A	Radiation (03CH10-HY)
Turn Table	EMEC	TT 2200	N/A	0~360 Degree	N/A	Jun 23, 2026~ Jun 25, 2026	N/A	Radiation (03CH10-HY)
Software	Audix	E3 6.2009-8-24	RK-001042	N/A	N/A	Jun 23, 2026~ Jun 25, 2026	N/A	Radiation (03CH10-HY)
EMI Test Receiver	Agilent	N9038A	MY59053012	3Hz~26.5GHz	Nov. 13, 2025	Jun 23, 2026~ Jun 25, 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 23, 2026~ Jun 25, 2026	Oct. 27, 2026	Radiation (03CH10-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz~40GHz	Jul. 02, 2025	Jun 23, 2026~ Jun 25, 2026	Jul. 01, 2026	Radiation (03CH10-HY)
Preamplifier	EMEC	EM18G40G	060873	18GHz~40GHz	Aug. 26, 2025	Jun 23, 2026~ Jun 25, 2026	Aug. 25, 2025	Radiation (03CH10-HY)

5. Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.70 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.50 dB
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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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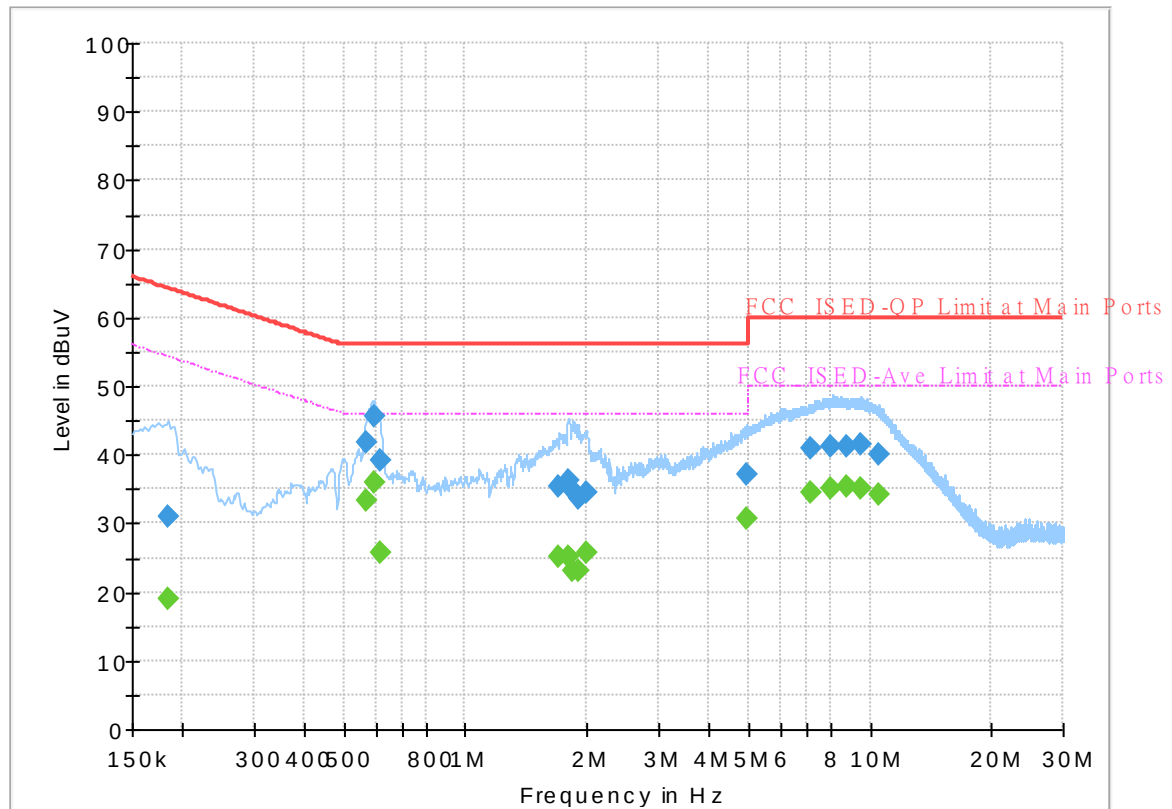
Appendix A. AC Conducted Emission Test Results

Test Engineer :	Brian Chen	Temperature :	23 ~ 26°C
		Relative Humidity :	45 ~ 55%

EUT Information

Report NO : 660814
 Test Mode : Mode 2
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



Final Result

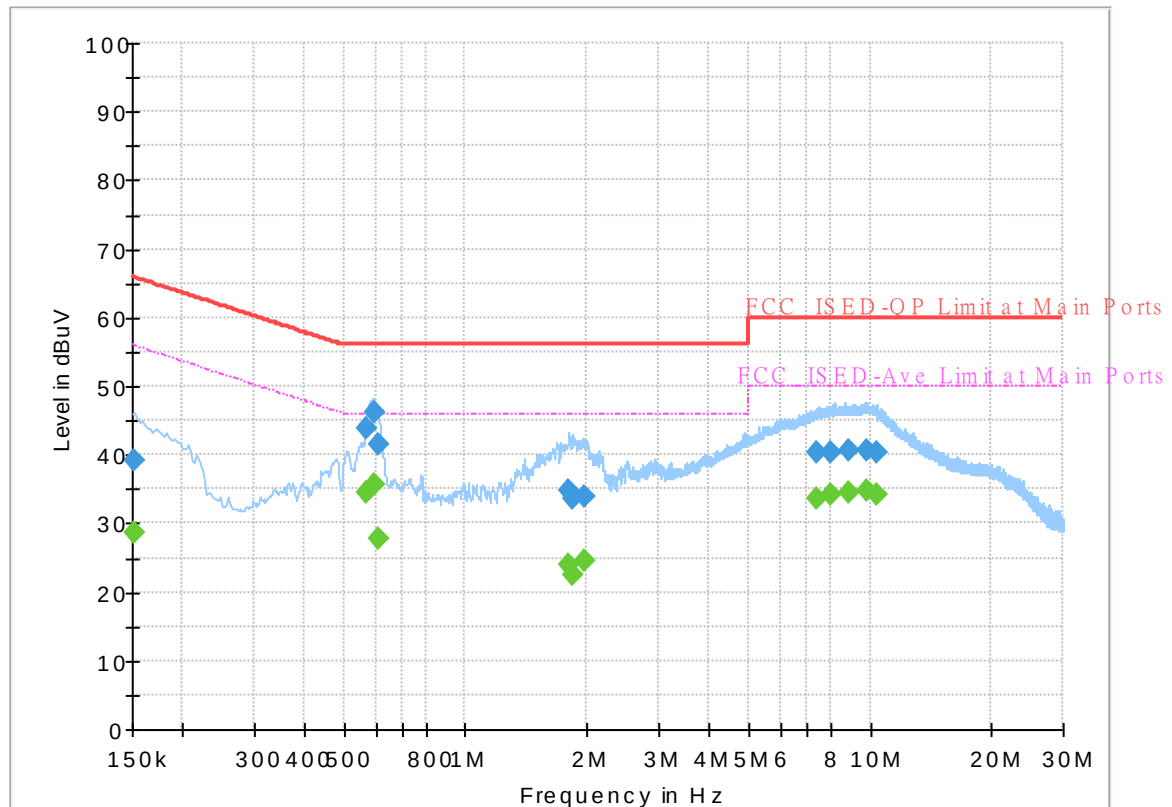
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.183750	---	19.00	54.31	35.31	L1	OFF	19.9
0.183750	31.05	---	64.31	33.26	L1	OFF	19.9
0.566250	---	33.30	46.00	12.70	L1	OFF	19.9
0.566250	41.81	---	56.00	14.19	L1	OFF	19.9
0.593250	---	36.06	46.00	9.94	L1	OFF	19.9
0.593250	45.64	---	56.00	10.36	L1	OFF	19.9
0.613500	---	25.61	46.00	20.39	L1	OFF	19.9
0.613500	39.21	---	56.00	16.79	L1	OFF	19.9
1.707000	---	25.29	46.00	20.71	L1	OFF	20.0
1.707000	35.34	---	56.00	20.66	L1	OFF	20.0
1.797000	---	25.22	46.00	20.78	L1	OFF	20.0
1.797000	36.40	---	56.00	19.60	L1	OFF	20.0
1.846500	---	23.16	46.00	22.84	L1	OFF	20.0
1.846500	34.87	---	56.00	21.13	L1	OFF	20.0
1.896000	---	23.10	46.00	22.90	L1	OFF	20.0
1.896000	33.57	---	56.00	22.43	L1	OFF	20.0
1.988250	---	25.59	46.00	20.41	L1	OFF	20.0
1.988250	34.53	---	56.00	21.47	L1	OFF	20.0
4.978500	---	30.69	46.00	15.31	L1	OFF	20.1
4.978500	37.07	---	56.00	18.93	L1	OFF	20.1
7.143000	---	34.52	50.00	15.48	L1	OFF	20.3

7.143000	40.91	---	60.00	19.09	L1	OFF	20.3
8.027250	---	35.19	50.00	14.81	L1	OFF	20.4
8.027250	41.33	---	60.00	18.67	L1	OFF	20.4
8.769750	---	35.24	50.00	14.76	L1	OFF	20.4
8.769750	41.29	---	60.00	18.71	L1	OFF	20.4
9.501000	---	35.14	50.00	14.86	L1	OFF	20.5
9.501000	41.56	---	60.00	18.44	L1	OFF	20.5
10.500000	---	34.07	50.00	15.93	L1	OFF	20.5
10.500000	39.92	---	60.00	20.08	L1	OFF	20.5

EUT Information

Report NO : 660814
 Test Mode : Mode 2
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	28.75	55.88	27.13	N	OFF	19.9
0.152250	39.11	---	65.88	26.77	N	OFF	19.9
0.570750	---	34.42	46.00	11.58	N	OFF	19.9
0.570750	43.86	---	56.00	12.14	N	OFF	19.9
0.593250	---	35.77	46.00	10.23	N	OFF	19.9
0.593250	46.28	---	56.00	9.72	N	OFF	19.9
0.609000	---	27.64	46.00	18.36	N	OFF	19.9
0.609000	41.63	---	56.00	14.37	N	OFF	19.9
1.803750	---	23.97	46.00	22.03	N	OFF	20.0
1.803750	34.67	---	56.00	21.33	N	OFF	20.0
1.844250	---	22.53	46.00	23.47	N	OFF	20.0
1.844250	33.71	---	56.00	22.29	N	OFF	20.0
1.979250	---	24.48	46.00	21.52	N	OFF	20.0
1.979250	33.87	---	56.00	22.13	N	OFF	20.0
7.395000	---	33.74	50.00	16.26	N	OFF	20.4
7.395000	40.25	---	60.00	19.75	N	OFF	20.4
7.957500	---	34.27	50.00	15.73	N	OFF	20.5
7.957500	40.42	---	60.00	19.58	N	OFF	20.5
8.819250	---	34.62	50.00	15.38	N	OFF	20.5
8.819250	40.60	---	60.00	19.40	N	OFF	20.5
9.843000	---	34.67	50.00	15.33	N	OFF	20.6

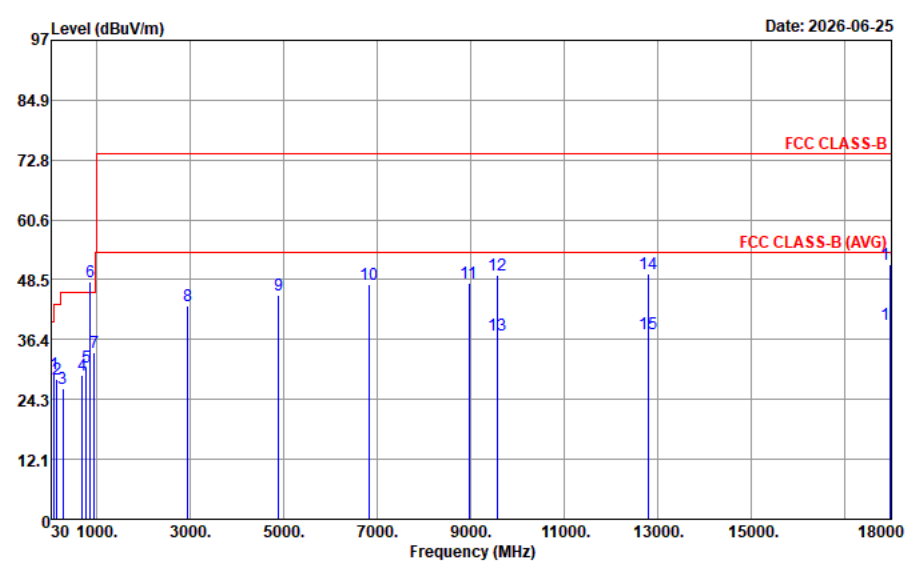
9.843000	40.75	---	60.00	19.25	N	OFF	20.6
10.414500	---	34.24	50.00	15.76	N	OFF	20.6
10.414500	40.31	---	60.00	19.69	N	OFF	20.6

Appendix B. Radiated Emission Test Result

Test Engineer :	Yu Wang	Temperature :	23.2 ~ 24.6°C	
		Relative Humidity :	56.4 ~ 58.3%	
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
 ■ #6 is system simulator signal which can be ignored.

Date: 2026-06-25



The graph shows the radiated emission level in dBμV/m versus frequency in MHz. The y-axis ranges from 0 to 97 dBμV/m, and the x-axis ranges from 30 to 18000 MHz. A red line indicates the FCC CLASS-B limit at 72.8 dBμV/m. A blue line shows the average level (FCC CLASS-B (AVG)) at 48.5 dBμV/m. Several peaks are labeled with numbers 1 through 17, corresponding to the data table below.

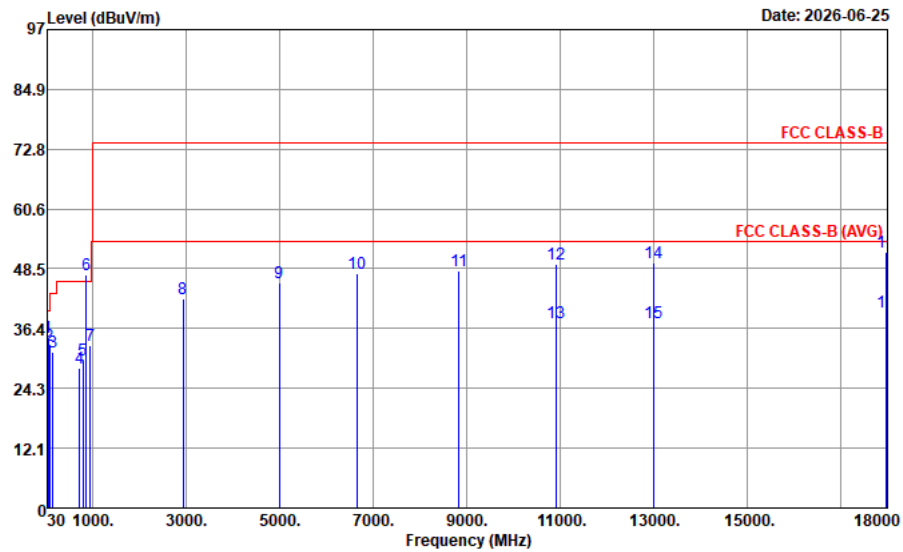
Site : 03CH10-HY
 Condition : FCC CLASS-B 3m 9120B-1325_251028 HORIZONTAL
 Project : 660814
 Power : 120Vac/60Hz
 Mode : 1

	Freq	Level	Over	Limit	Read		A/Pos	T/Pos	Remark
	MHz	dBuV/m	Limit	Line	Level	Factor	cm	deg	
1	88.59	29.36	-14.14	43.50	46.08	-16.72	---	---	Peak
2	156.36	28.29	-15.21	43.50	42.49	-14.20	---	---	Peak
3	281.64	26.45	-19.55	46.00	37.77	-11.32	---	---	Peak
4	692.00	29.23	-16.77	46.00	30.90	-1.67	---	---	Peak
5	776.00	30.73	-15.27	46.00	30.30	0.43	---	---	Peak
6 *	869.20	48.05			45.89	2.16	---	---	Peak
7	953.10	33.81	-12.19	46.00	29.03	4.78	---	---	Peak
8	2946.00	43.12	-30.88	74.00	63.05	-19.93	---	---	Peak
9	4900.00	45.53	-28.47	74.00	59.46	-13.93	---	---	Peak
10	6836.00	47.45	-26.55	74.00	56.61	-9.16	---	---	Peak
11	8960.00	47.90	-26.10	74.00	53.87	-5.97	---	---	Peak
12	9558.00	49.54	-24.46	74.00	54.03	-4.49	---	---	Peak
13	9558.00	37.28	-16.72	54.00	41.77	-4.49	---	---	Average
14	12798.00	49.70	-24.30	74.00	48.26	1.44	---	---	Peak
15	12798.00	37.56	-16.44	54.00	36.12	1.44	---	---	Average
16	17975.00	51.69	-22.31	74.00	41.96	9.73	---	---	Peak
17	17975.00	39.56	-14.44	54.00	29.83	9.73	---	---	Average



Test Engineer :	Yu Wang	Temperature :	23.2 ~ 24.6°C
		Relative Humidity :	56.4 ~ 58.3%
Test Distance :	3m	Polarization :	Vertical

- Emission level (dB μ V/m) = 20 log Emission level (μ V/m)
- Factor(dB) = Antenna Factor + Cable Loss + Filter loss – Preamp Factor
- Corrected Reading: Factor(dB) + Read Level = Level
- #6 is system simulator signal which can be ignored.



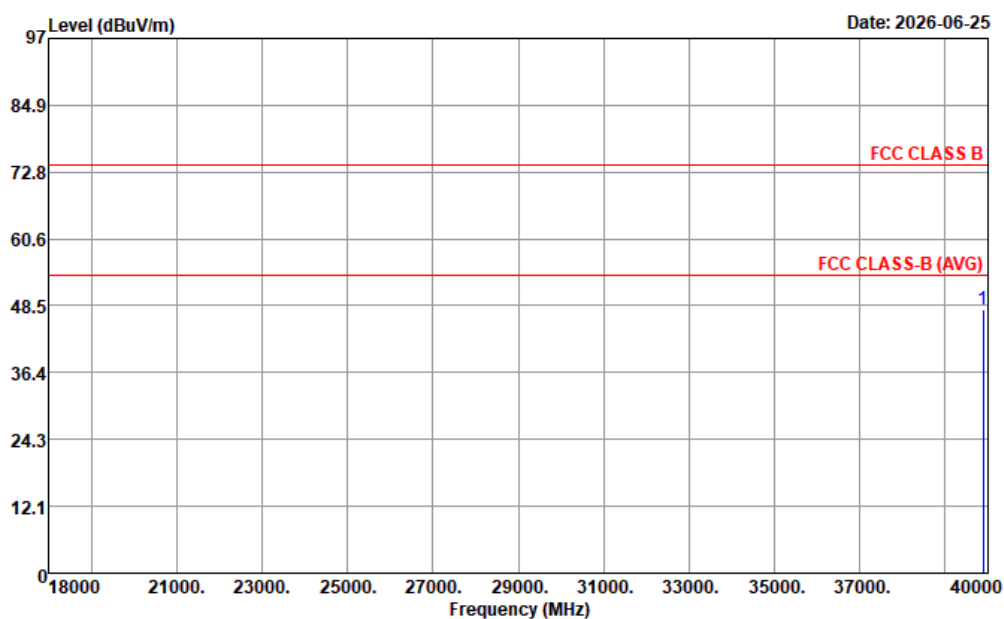
Site : 03CH10-HY
Condition : FCC CLASS-B 3m 9120B-1325_251028 VERTICAL
Project : 660814
Power : 120Vac/60Hz
Mode : 1

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark
	MHz	dB μ V/m	dB	dB μ V/m	dB μ V	dB/m	cm	deg	
1	54.84	34.65	-5.35	40.00	54.06	-19.41	100	59	QP
2	85.08	32.98	-7.02	40.00	49.98	-17.00	100	66	QP
3	157.44	31.70	-11.80	43.50	45.95	-14.25	---	---	Peak
4	727.70	28.51	-17.49	46.00	29.28	-0.77	---	---	Peak
5	792.80	29.91	-16.09	46.00	29.58	0.33	---	---	Peak
6 *	869.20	47.23			45.43	1.80	---	---	Peak
7	954.50	32.91	-13.09	46.00	28.32	4.59	---	---	Peak
8	2940.00	42.43	-31.57	74.00	62.36	-19.93	---	---	Peak
9	4998.00	45.64	-28.36	74.00	59.11	-13.47	---	---	Peak
10	6658.00	47.59	-26.41	74.00	56.61	-9.02	---	---	Peak
11	8838.00	47.97	-26.03	74.00	53.98	-6.01	---	---	Peak
12	10916.00	49.57	-24.43	74.00	51.42	-1.85	---	---	Peak
13	10916.00	37.47	-16.53	54.00	39.32	-1.85	---	---	Average
14	12996.00	49.75	-24.25	74.00	48.00	1.75	---	---	Peak
15	12996.00	37.63	-16.37	54.00	35.88	1.75	---	---	Average
16	17985.00	51.75	-22.25	74.00	41.95	9.80	---	---	Peak
17	17985.00	39.62	-14.38	54.00	29.82	9.80	---	---	Average



Test Engineer :	Yu Wang	Temperature :	23.2 ~ 24.6°C
		Relative Humidity :	56.4 ~ 58.3%
Test Distance :	3m	Polarization :	Horizontal

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



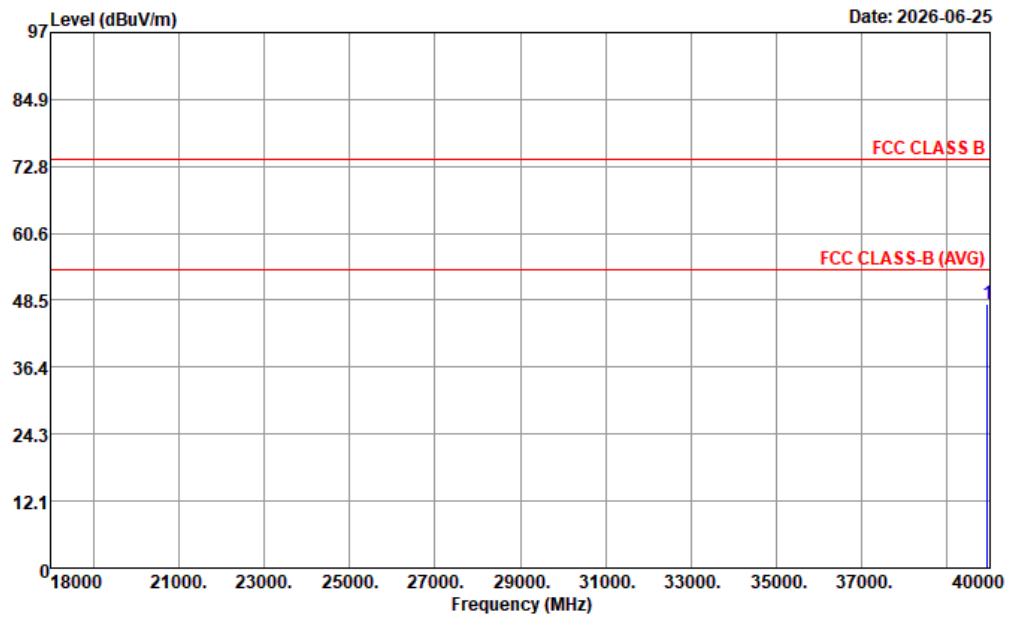
Site : 03CH10-HY
Condition : FCC CLASS B 1m SHF_1223_250702 HORIZONTAL
Project : 660814
Power : 120Vac/60Hz
Mode : 1

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	A/Pos	T/Pos	Remark
	MHz	dB μ V/m	dB	dB μ V/m	dB μ V	dB/m	cm	deg	
1	39890.00	47.86	-26.14	74.00	33.11	14.75	---	---	Peak



Test Engineer :	Yu Wang	Temperature :	23.2 ~ 24.6°C
		Relative Humidity :	56.4 ~ 58.3%
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 : 660814
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	47.89	-26.11	74.00	32.83	15.06	---	---	Peak

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