



FCC EMI TEST REPORT

FCC ID : IHDT56AX7
Equipment : Mobile Cellular Phone
Brand Name : Motorola
Model Name : XT2761-1, XT2761-2, XT2761-3, XT2761V
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 Aug. 13, 2026 and testing was performed from Sep. 01, 2026 to Sep. 16, 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
FC672112	01	Initial issue of report	Sep. 29, 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: Dara Chiu

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/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, Wi-Fi 6GHz 802.11a/ax/be, NFC, WPT, UWB and GNSS.
Antenna Type	WWAN : IFA Antenna / Monopole Antenna WLAN : Loop Antenna Bluetooth : Loop Antenna GNSS: Loop Antenna / IFA Antenna NFC: Coil Loop Antenna WPT: Copper Coil Antenna UWB: Loop Antenna / IFA Antenna

Remark:

1. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.
2. There are four models for two samples, the differences could be referred to the product equality declaration is exhibited separately.

Sample #	Model name	Note
1	XT2761-2, XT2761-3, XT2761V	The different model names are different for market purpose
2	XT2761-1	-

According to the difference, we choose sample 1 to full test and the sample 2 is verified the difference.

EUT Information List	
IMEI	Performed Test Item
Sample1: 351797130019371 Sample2: 357243460015550	AC Conducted Emission
Sample1: 351797130019371 Sample2: 357243460016236	Radiated Emissions

Specification of Accessory				
AC Adapter 1 (US)	Brand Name	Motorola(AOHAI)	Model Name	MC-601
AC Adapter 1 (EU)	Brand Name	Motorola(AOHAI)	Model Name	MC-602
AC Adapter 1 (UK)	Brand Name	Motorola(AOHAI)	Model Name	MC-603
AC Adapter 1 (AR)	Brand Name	Motorola(AOHAI)	Model Name	MC-606
AC Adapter 1 (BR)	Brand Name	Motorola(AOHAI)	Model Name	MC-607
AC Adapter 1 (CHILE)	Brand Name	Motorola(AOHAI)	Model Name	MC-609
AC Adapter 2 (IN)	Brand Name	Motorola(AOHAI)	Model Name	MC-604
AC Adapter 3 (US)	Brand Name	Motorola(Chenyang)	Model Name	MC-601
AC Adapter 3 (EU)	Brand Name	Motorola(Chenyang)	Model Name	MC-602
AC Adapter 3 (UK)	Brand Name	Motorola(Chenyang)	Model Name	MC-603
AC Adapter 3 (AR)	Brand Name	Motorola(Chenyang)	Model Name	MC-606
AC Adapter 3 (BR)	Brand Name	Motorola(Chenyang)	Model Name	MC-607
AC Adapter 3 (CHILE)	Brand Name	Motorola(Chenyang)	Model Name	MC-609
AC Adapter 4 (IN)	Brand Name	Motorola(Chenyang)	Model Name	MC-604
Battery 1	Brand Name	Motorola(ATL)	Model Name	TP21
Battery 2	Brand Name	Motorola(ATL)	Model Name	TP29
USB Cable 1	Brand Name	Motorola(CABLETECH)	Model Name	SC18E05246
USB Cable 2	Brand Name	Motorola(SAIBAO)	Model Name	SC18D86732
Protective case 1	Brand Name	Motorola(Xinxiu)	Model Name	SS68F42393
Protective case 2	Brand Name	Motorola(Xinxiu)	Model Name	SS68F42394
Protective case 3	Brand Name	Motorola(Xinxiu)	Model Name	SS68F45123
Protective case 4	Brand Name	Motorola(Xinxiu)	Model Name	SS68F45124

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
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. 03CH22-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.

2. Test Configuration of Equipment Under Test

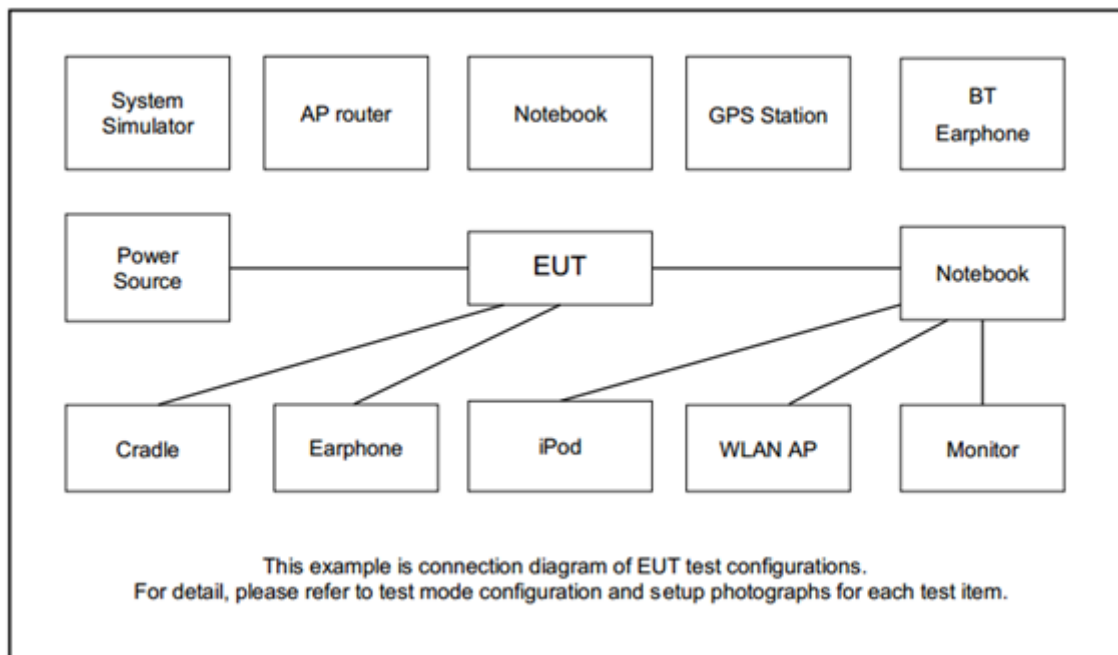
2.1. Test Mode

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 + UWB Idle + USB Cable 1 (Charging from Adapter1) + SIM 1 for Sample 1
	Mode 2: WCDMA 850 Rx(Middle) + Bluetooth Idle + WLAN (5G) Idle + Open Mode + Camera(Front) + Battery + UWB Link + USB Cable 2 (Charging from Adapter2) + SIM 2 for Sample 1
	Mode 3: LTE Band 12 Rx(High) + Bluetooth Idle + WLAN (6G) Idle + Open Mode + NFC On + Battery + UWB Idle + USB Cable 2 (Charging from Adapter3) + SIM 2 for Sample 1
	Mode 4: LTE Band 13 Rx(High) + Bluetooth Idle + WLAN (2.4G) Idle + Open Mode + MPEG4(Run Color Bar) + Battery + UWB Idle + USB Cable 2 (Charging from Adapter4) + SIM 2 for Sample 1
	Mode 5: LTE Band 14 Rx(High) + Bluetooth Idle + WLAN (5G) Idle + Open Mode + GNSS Rx + Battery + UWB Link + USB Cable 2 (Charging from Adapter4) + SIM 2 for Sample 1
	Mode 6: LTE Band 71 Rx(Middle) + Bluetooth Idle + WLAN (6G) Idle + Open Mode + MPEG4(Run Color Bar) + Battery + UWB Idle + USB Cable 1 (Data Link with Notebook) + EUT (eMMC) USB Data Link to PC/NB + SIM 2 for Sample 1
	Mode 7: SA N5 Rx(Low) Idle + Bluetooth Idle + WLAN (2.4G) Idle + Open Mode + MPEG4(Run Color Bar) + Battery + UWB Idle + USB Cable 1 (Data Link with Notebook) + PC/NB USB Data Link to EUT (eMMC) + SIM 2 for Sample 1
	Mode 8: SA N26 Rx(Low) Idle + Bluetooth Idle + WLAN (5G) Idle + Open Mode + MPEG4(Run Color Bar) + Battery + UWB Link + USB Cable 2 (Data Link with Notebook) + EUT (eMMC) USB Data Link to PC/NB + SIM 2 for Sample 1
	Mode 9: SA N26 Rx(High) Idle + Bluetooth Idle + WLAN (6G) Idle + Open Mode + MPEG4(Run Color Bar) + Battery + UWB Idle + USB Cable 2 (EUT Charging from Wireless charger) + Adapter 4 Connect to Wireless charger + SIM 2 for Sample 1
	Mode 10 : SA N71 Rx(Middle) Idle + Bluetooth Idle + WLAN (2.4G) Idle + Open Mode + MPEG4(Run Color Bar) + Battery + UWB Idle + USB Cable 2 (Charging from Adapter4) + EUT Wireless Charging to other phones + SIM 2 for Sample 1
	Mode 11 : SA N29 Rx(Low) Idle + Bluetooth Idle + WLAN (5G) Idle + Open Mode + MPEG4(Run Color Bar) + Battery + UWB Link + USB Cable 2 (Charging from Adapter4) + EUT Wireless Charging to other phones + SIM 2 for Sample 1
	Mode 12 : LTE Band 71 Rx(Middle) + Bluetooth Idle + WLAN (6G) Idle + Close Mode + MPEG4(Run Color Bar) + Battery + UWB Idle + USB Cable 1 (Data Link with Notebook) + EUT (eMMC) USB Data Link to PC/NB + SIM 2 for Sample 1
	Mode 13 : LTE Band 71 Rx(Middle) + Bluetooth Idle + WLAN (6G) Idle + Open Mode + MPEG4(Run Color Bar) + Battery + with Protective case + UWB Idle + USB Cable 1 (Data Link with Notebook) + EUT (eMMC) USB Data Link to PC/NB + SIM 2 for Sample 1
	Mode 14 : LTE Band 71 Rx(Middle) + Bluetooth Idle + WLAN (6G) Idle + Open Mode + MPEG4(Run Color Bar) + Battery + UWB Idle + USB Cable 1 (Data Link with Notebook) + EUT (eMMC) USB Data Link to PC/NB + SIM 2 for Sample 2

Test Items	Functions Enabled
Radiated Emissions	Mode 1: GSM 850 Rx(Low) + Bluetooth Idle + WLAN (2.4G) Idle + Open Mode + Camera(Rear) + Battery + UWB Idle + USB Cable 1 (Charging from Adapter1) + SIM 1 for Sample 1
	Mode 2: WCDMA 850 Rx(Middle) + Bluetooth Idle + WLAN (5G) Idle + Open Mode + Camera(Front) + Battery + UWB Link + USB Cable 2 (Charging from Adapter2) + SIM 2 for Sample 1
	Mode 3: LTE Band 12 Rx(High) + Bluetooth Idle + WLAN (6G) Idle + Open Mode + NFC On + Battery + UWB Idle + USB Cable 1 (Charging from Adapter3) + SIM 1 for Sample 1
	Mode 4: LTE Band 13 Rx(High) + Bluetooth Idle + WLAN (2.4G) Idle + Open Mode + MPEG4(Run Color Bar) + Battery + UWB Idle + USB Cable 1 (Charging from Adapter4) + SIM 1 for Sample 1
	Mode 5: LTE Band 14 Rx(High) + Bluetooth Idle + WLAN (5G) Idle + Open Mode + GNSS Rx + Battery + UWB Link + USB Cable 1 (Charging from Adapter (1)) + SIM 1 for Sample 1
	Mode 6: LTE Band 71 Rx(Middle) + Bluetooth Idle + WLAN (6G) Idle + Open Mode + Camera(Rear) + Battery + UWB Idle + USB Cable 1 (Data Link with Notebook) + EUT (eMMC) USB Data Link to PC/NB + SIM 1 for Sample 1
	Mode 7: SA N5 Rx(Low) Idle + Bluetooth Idle + WLAN (2.4G) Idle + Open Mode + Camera(Rear) + Battery + UWB Idle + USB Cable 1 (Data Link with Notebook) + PC/NB USB Data Link to EUT (eMMC) + SIM 1 for Sample 1
	Mode 8: SA N26 Rx(Low) Idle + Bluetooth Idle + WLAN (5G) Idle + Open Mode + Camera(Rear) + Battery + UWB Link + USB Cable 2 (Data Link with Notebook) + PC/NB USB Data Link to EUT (eMMC) + SIM 1 for Sample 1
	Mode 9: SA N26 Rx(High) Idle + Bluetooth Idle + WLAN (6G) Idle + Open Mode + Camera(Rear) + Battery + UWB Idle + USB Cable 1 (EUT Charging from Wireless charger) + Adapter 1 Connect to Wireless charger + SIM 1 for Sample 1
	Mode 10 : SA N71 Rx(Middle) Idle + Bluetooth Idle + WLAN (2.4G) Idle + Open Mode + Camera(Rear) + Battery + UWB Idle + USB Cable 1 (Charging from Adapter 1) + EUT Wireless Charging to other phones+ SIM 1 for Sample 1
	Mode 11 : SA N29 Rx(Low) Idle + Bluetooth Idle + WLAN (5G) Idle + Open Mode + Camera(Rear) + Battery + UWB Link + USB Cable 1 (Charging from Adapter 1) EUT Wireless Charging to other phones + SIM 1 for Sample 1
	Mode 12 : SA N5 Rx(Low) + Bluetooth Idle + WLAN (6G) Idle + Open Mode + Camera(Rear) + Earphone + UWB Link + SIM 1 for Sample 1
	Mode 13 : SA N5 Rx(Low) Idle + Bluetooth Idle + WLAN (2.4G) Idle + Close Mode + Camera(Rear) + Battery + UWB Idle + USB Cable 1 (Data Link with Notebook) + PC/NB USB Data Link to EUT (eMMC) + SIM 1 for Sample 1
	Mode 14 : SA N5 Rx(Low) Idle + Bluetooth Idle + WLAN (2.4G) Idle + Open Mode + Camera(Rear) + Battery + UWB Idle + USB Cable 1 (Data Link with Notebook) + with Protective case + PC/NB USB Data Link to EUT (eMMC) + SIM 1 for Sample 1
	Mode 15 : SA N5 Rx(Low) Idle + Bluetooth Idle + WLAN (2.4G) Idle + Open Mode + Camera(Rear) + Battery + UWB Idle + USB Cable 1 (Data Link with Notebook) + PC/NB USB Data Link to EUT (eMMC) + SIM 1 for Sample 2
Remark: 1. The worst case of AC is mode 1; only the test data of this mode was reported. 2. The worst case of RE is mode 7; only the test data of this mode was reported. 3. For Radiation Emission after pre-scanned the cellular band between 30MHz ~ 960MHz; 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	MT8820C	N/A	N/A	Unshielded,1.8m
2.	System simulator	Anritsu	MT8000A	N/A	N/A	Unshielded,1.8m
3.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded,1.8m
4.	GPS Station	Pendulum	GSG-54	N/A	N/A	Unshielded,1.8m
5.	WLAN AP	ASUS	RT-AC52	N/A	N/A	Unshielded,1.8m
6.	WLAN AP	ASUS	GT-AXE11000	N/A	N/A	Unshielded,1.8m
7.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	WLAN AP
8.	iPod Earphone	Apple	A1285	DoC	UnShielded, 1.2m	N/A
9.	Bluetooth Earphone	Sony	SBH20	PY7-RD0010	N/A	N/A
10.	Bluetooth Earphone	Jlab Jbund Mini	2AHYV	N/A	N/A	N/A
11.	Notebook	Dell	Latitude 3420	FCC DoC	N/A	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m
12.	Notebook	Lenovo	IdeaPad Gaming 3 15IHU6	PD9AX201NG	N/A	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m
13.	Mobile Phone	Motorola	XT2761-1	N/A	N/A	Unshielded,1.8m
14.	WPC Pad	Motorola	MW-02 AC3E5 SA18D50503	N/A	N/A	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 NFC function
6. Turn on UWB function
7. Execute Wireless charging for EUT by Wireless charger.

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.

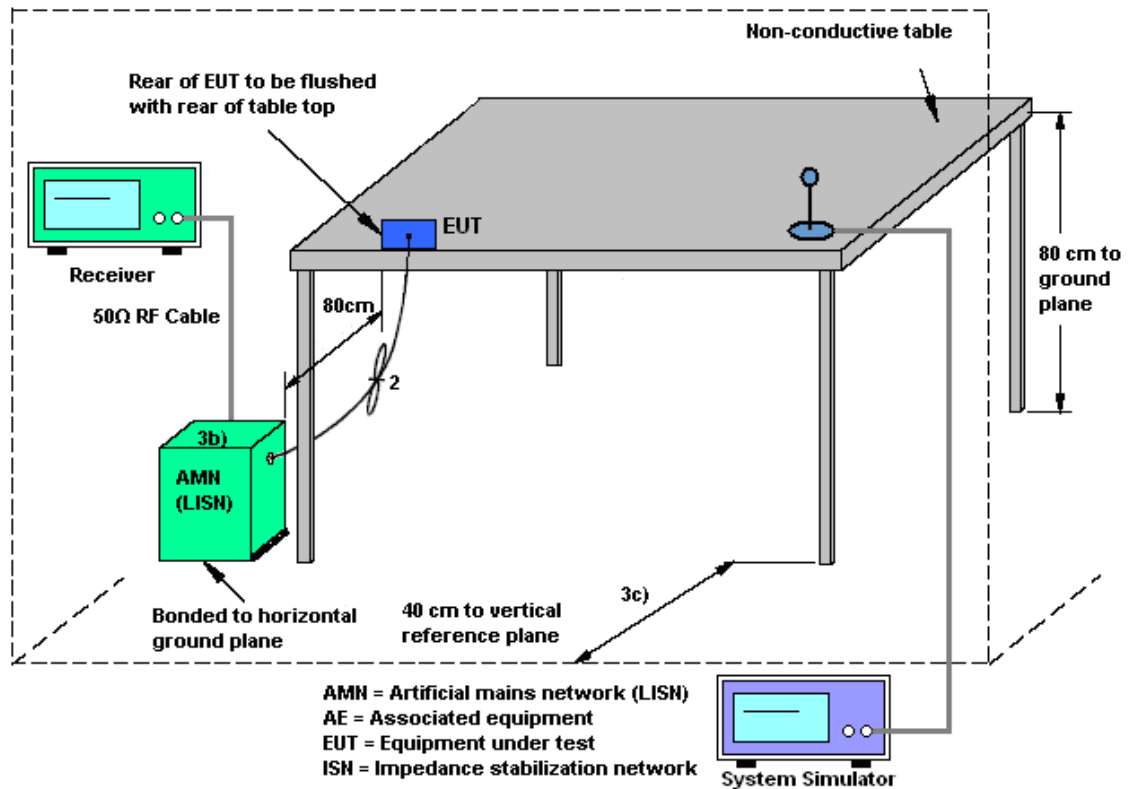
3.1.2. Measuring Instruments

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

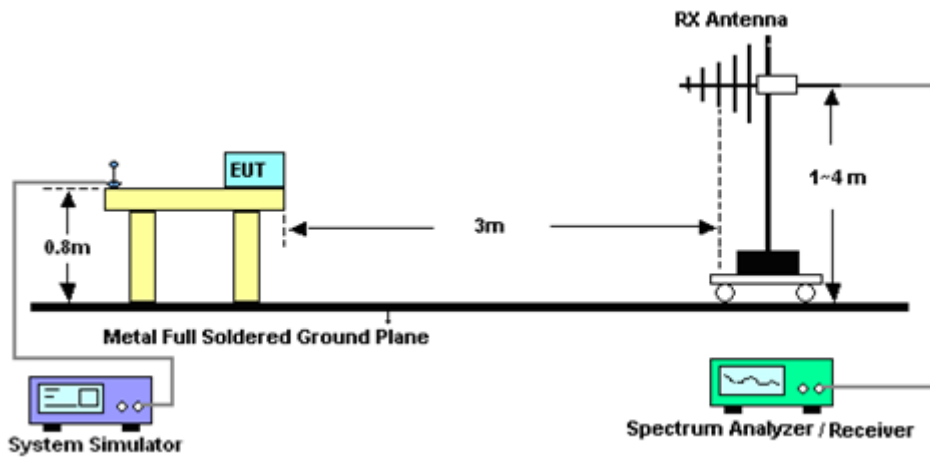
Please refer to the measuring equipment list in this test report.

3.2.3. Test Procedures

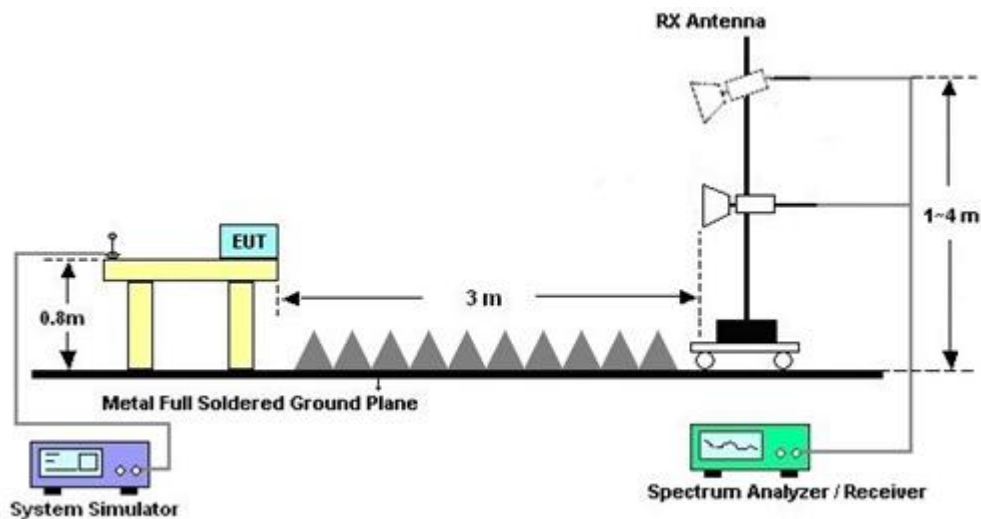
1. The EUT is placed on a turntable with 0.8 meter above ground.
2. The EUT is set 3 meters from the interference receiving antenna, which is mounted on the top of a variable height antenna tower.
3. The table is rotated 360 degrees to determine the position of the highest radiation.
4. The antenna is 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

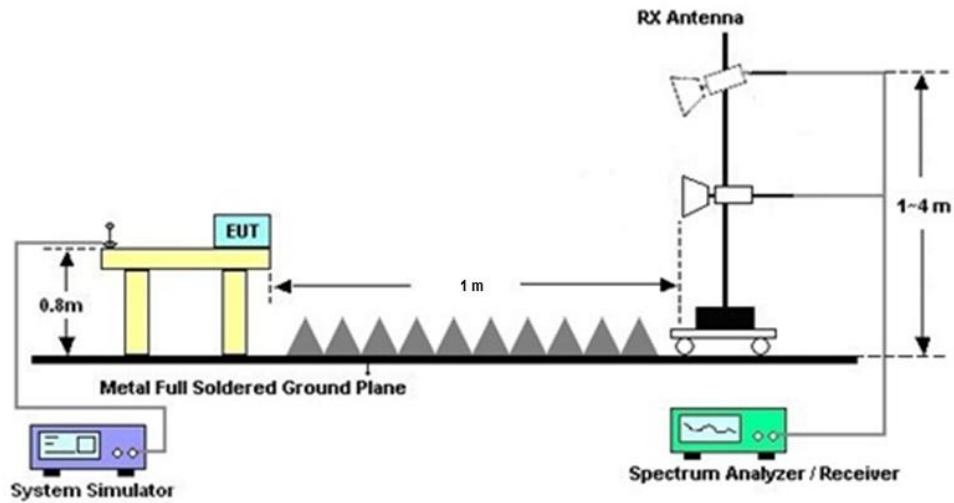
For Radiated Emissions from 30 MHz to 1 GHz



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	ALL	APC-130	N/A	N/A	N/A	Sep. 09, 2026	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	N/A	Dec. 16, 2025	Sep. 09, 2026	Dec. 15, 2026	Conduction (CO05-HY)
Hygrometer	TECPEL	DTM-303A	TP210031	N/A	Jun. 15, 2026	Sep. 09, 2026	Jun. 14, 2027	Conduction (CO05-HY)
Two-Line V-Network	Rohde & Schwarz	ENV 216 +EMCI-EXP-US-US S	100080+N-021	N/A	Apr. 22, 2026	Sep. 09, 2026	Apr. 21, 2027	Conduction (CO05-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Apr. 10, 2026	Sep. 09, 2026	Apr. 09, 2027	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Sep. 09, 2026	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	00691	N/A	Aug. 07, 2026	Sep. 09, 2026	Aug. 06, 2027	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	MQT24082501	N/A	Oct. 14, 2025	Sep. 09, 2026	Oct. 13, 2026	Conduction (CO05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9kHz~30MHz	Dec. 21, 2025	Sep. 01, 2026 ~ Sep. 16, 2026	Dec. 20, 2026	Radiation (03CH22-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63304 & 002	30MHz~1GHz	Nov. 26, 2025	Sep. 01, 2026 ~ Sep. 16, 2026	Nov. 25, 2026	Radiation (03CH22-HY)
Amplifier	SONOMA	310N	421581	N/A	Jul. 12, 2026	Sep. 01, 2026 ~ Sep. 16, 2026	Jul. 11, 2027	Radiation (03CH22-HY)
EMI Test Receiver	Rohde & Schwarz	ESR26	102009	26.5GHz	Apr. 13, 2026	Sep. 01, 2026 ~ Sep. 16, 2026	Apr. 12, 2027	Radiation (03CH22-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C04A18EN	1GHz~18GHz	May 28, 2026	Sep. 01, 2026 ~ Sep. 16, 2026	May 27, 2027	Radiation (03CH22-HY)
Amplifier	EMEC	EM01G18GA	060877	1GHz~18GHz	Sep. 26, 2025	Sep. 01, 2026 ~ Sep. 16, 2026	Sep. 25, 2026	Radiation (03CH22-HY)
Horn Antenna	SCHWARZBECK	BBHA 9170	1224	18GHz~40GHz	Aug. 12, 2026	Sep. 01, 2026 ~ Sep. 16, 2026	Aug. 11, 2027	Radiation (03CH22-HY)
Preamplifier	EMEC	EM18G40G	060872	18-40GHz	Dec. 02, 2025	Sep. 01, 2026 ~ Sep. 16, 2026	Dec. 01, 2026	Radiation (03CH22-HY)
Signal Analyzer	Keysight	N9010B	MY62170278	10Hz~44GHz	Sep. 22, 2025	Sep. 01, 2026 ~ Sep. 16, 2026	Sep. 21, 2026	Radiation (03CH22-HY)
Hygrometer	TECPEL	DTM-303A	TP211469	N/A	Dec. 15, 2025	Sep. 01, 2026 ~ Sep. 16, 2026	Dec. 14, 2026	Radiation (03CH22-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Sep. 01, 2026 ~ Sep. 16, 2026	N/A	Radiation (03CH22-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Sep. 01, 2026 ~ Sep. 16, 2026	N/A	Radiation (03CH22-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Sep. 01, 2026 ~ Sep. 16, 2026	N/A	Radiation (03CH22-HY)
Software	Audix	E3	RK-002347	N/A	N/A	Sep. 01, 2026 ~ Sep. 16, 2026	N/A	Radiation (03CH22-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 04, 2026	Sep. 01, 2026 ~ Sep. 16, 2026	Mar. 03, 2027	Radiation (03CH22-HY)
RF Cable	HUBER + SUHNER/EMCI	SUCOFLEX 102/EMCI01Y-KM-KM-500/EMCI01Y-KM-KM-9000	804611/2,240914,25043351,25043350	30MHz~40GHz	May 18, 2026	Sep. 01, 2026 ~ Sep. 16, 2026	May 17, 2027	Radiation (03CH22-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% ($U = 2Uc(y)$)	6.30 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.40 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.00 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.70 dB
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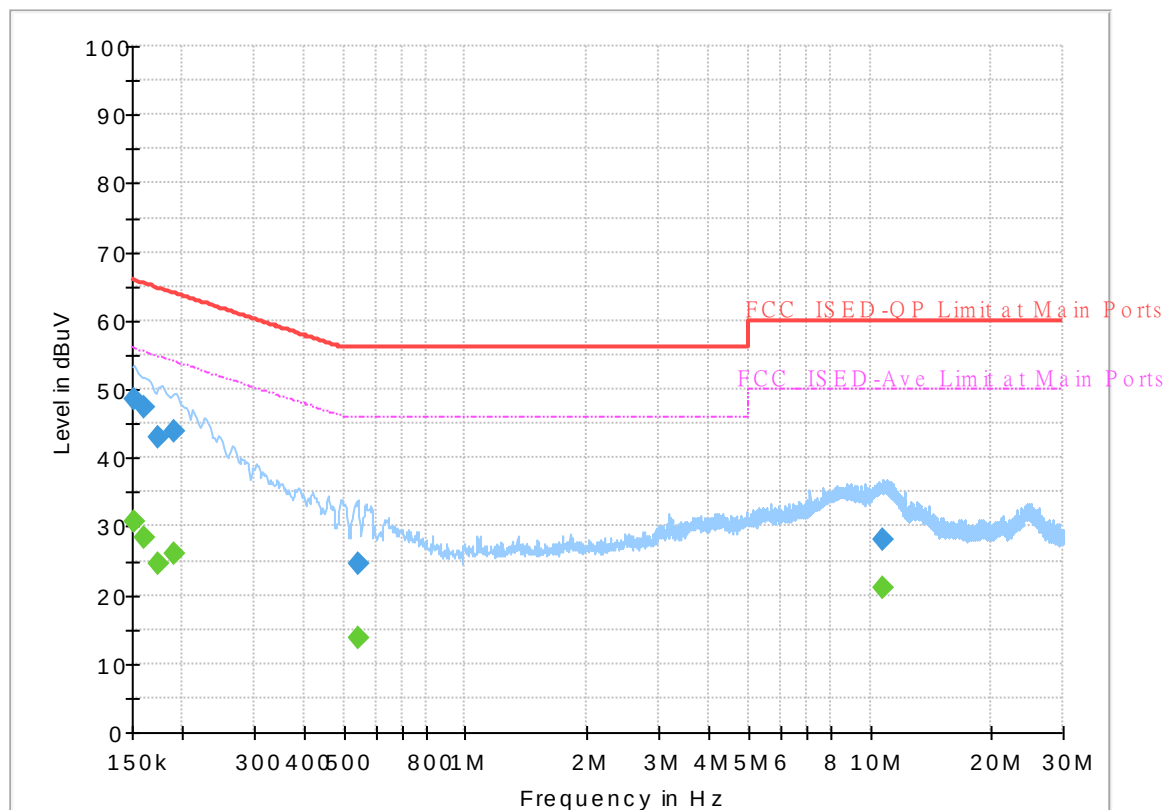
Appendix A. AC Conducted Emission Test Results

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

EUT Information

Report NO : 672112
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum

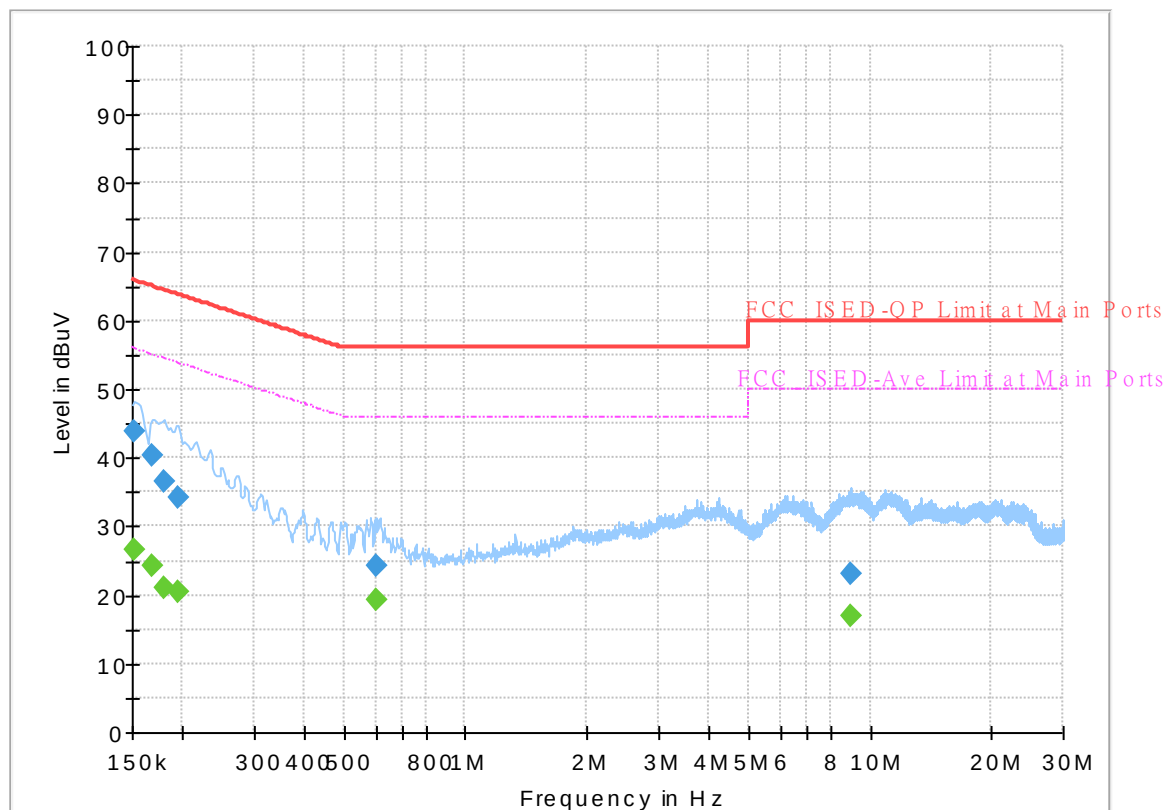
**Final Result**

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	30.70	55.88	25.18	L1	OFF	19.9
0.152250	48.67	---	65.88	17.21	L1	OFF	19.9
0.161250	---	28.37	55.40	27.03	L1	OFF	19.9
0.161250	47.31	---	65.40	18.09	L1	OFF	19.9
0.174750	---	24.45	54.73	30.28	L1	OFF	19.9
0.174750	42.89	---	64.73	21.84	L1	OFF	19.9
0.190500	---	25.98	54.02	28.04	L1	OFF	19.9
0.190500	43.77	---	64.02	20.25	L1	OFF	19.9
0.541500	---	13.65	46.00	32.35	L1	OFF	19.9
0.541500	24.56	---	56.00	31.44	L1	OFF	19.9
10.819500	---	21.09	50.00	28.91	L1	OFF	20.6
10.819500	27.99	---	60.00	32.01	L1	OFF	20.6

EUT Information

Report NO : 672112
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum

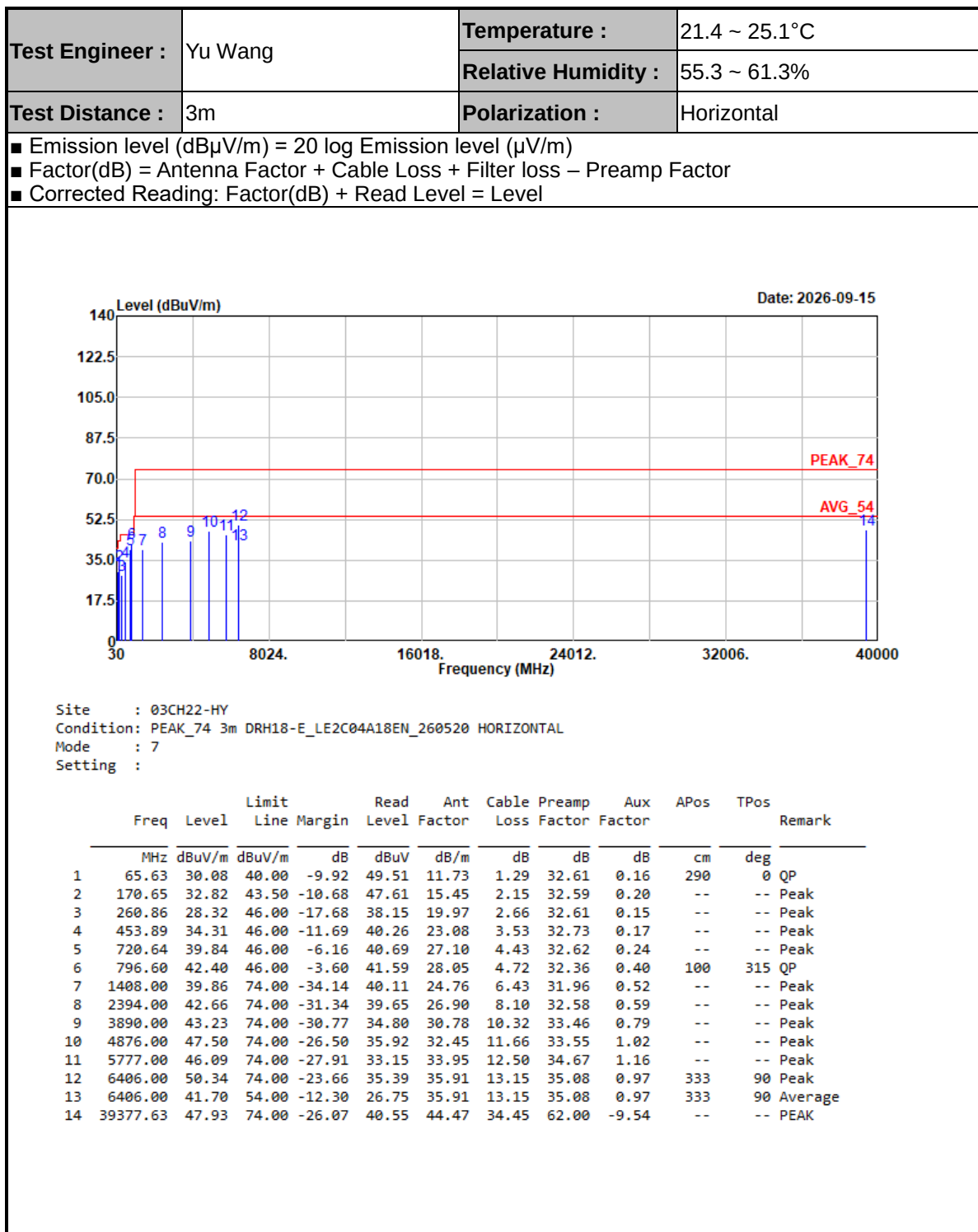


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	26.54	55.88	29.34	N	OFF	19.9
0.152250	43.92	---	65.88	21.96	N	OFF	19.9
0.168000	---	24.28	55.06	30.78	N	OFF	19.9
0.168000	40.33	---	65.06	24.73	N	OFF	19.9
0.179250	---	21.15	54.52	33.37	N	OFF	19.9
0.179250	36.60	---	64.52	27.92	N	OFF	19.9
0.195000	---	20.46	53.82	33.36	N	OFF	19.9
0.195000	34.22	---	63.82	29.60	N	OFF	19.9
0.600000	---	19.27	46.00	26.73	N	OFF	19.9
0.600000	24.28	---	56.00	31.72	N	OFF	19.9
8.943000	---	16.84	50.00	33.16	N	OFF	20.6
8.943000	23.19	---	60.00	36.81	N	OFF	20.6



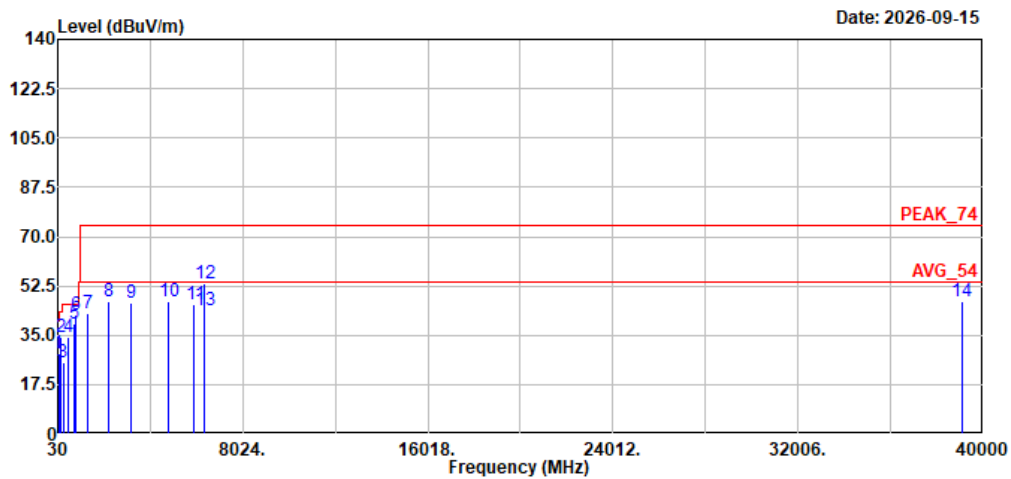
Appendix B. Radiated Emission Test Result





Test Engineer :	Yu Wang	Temperature :	21.4 ~ 25.1°C
		Relative Humidity :	55.3 ~ 61.3%
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



Site : 03CH22-HY
Condition: PEAK_74 3m DRH18-E_LE2C04A18EN_260520 VERTICAL
Mode : 7
Setting :

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dB μ V/m	dB μ V/m	dB	dB μ V	dB/m	dB	dB	dB	cm	deg	
1	64.92	28.61	40.00	-11.39	48.03	11.74	1.29	32.61	0.16	--	--	Peak
2	170.65	34.12	43.50	-9.38	48.91	15.45	2.15	32.59	0.20	--	--	Peak
3	256.01	25.59	46.00	-20.41	36.15	19.26	2.63	32.60	0.15	--	--	Peak
4	457.77	34.17	46.00	-11.83	40.00	23.19	3.54	32.73	0.17	--	--	Peak
5	745.86	38.85	46.00	-7.15	38.66	27.98	4.50	32.55	0.26	--	--	Peak
6	799.80	42.36	46.00	-3.64	41.60	27.97	4.73	32.35	0.41	100	133	QP
7	1340.00	42.86	74.00	-31.14	43.64	24.50	6.18	31.96	0.50	--	--	Peak
8	2207.00	47.28	74.00	-26.72	44.51	26.80	7.88	32.46	0.55	--	--	Peak
9	3210.00	46.31	74.00	-27.69	40.81	28.30	9.44	32.93	0.69	--	--	Peak
10	4808.00	46.98	74.00	-27.02	35.56	32.40	11.62	33.55	0.95	--	--	Peak
11	5930.00	46.22	74.00	-27.78	33.20	34.06	12.74	34.81	1.03	--	--	Peak
12	6389.00	53.33	74.00	-20.67	38.41	35.88	13.14	35.07	0.97	390	188	Peak
13	6389.00	43.82	54.00	-10.18	28.90	35.88	13.14	35.07	0.97	390	188	Average
14	39066.94	46.86	74.00	-27.14	40.02	44.14	34.24	62.00	-9.54	--	--	PEAK