



FCC EMI TEST REPORT

FCC ID : IHDT56AY1
Equipment : Mobile Cellular Phone
Brand Name : Motorola
Model Name : XT2701-1, XT2701-2
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. 14, 2026 and testing was performed from Aug. 20, 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.

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
FC672113	01	Initial issue of report	Sep. 23, 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: PIFA Antenna WLAN: PIFA Antenna Bluetooth: PIFA Antenna GNSS: PIFA Antenna NFC: Copper Coil Antenna WPT: Copper Coil Antenna UWB: Slot/Monopole Antenna
Sample 1	P+E-SIM
Sample 2	P+P-SIM

Remark:

1. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.
2. The two model names are only for different market purpose, and all the others are the same.

EUT Information List	
IMEI	Performed Test Item
Sample1: 353070500011255	AC Conducted Emission
Sample1: 353070500007832 Sample2: 351403930024816	Radiated Emissions



Specification of Accessory				
AC Adapter 1(US)	Brand Name	Motorola (Salcomp)	Model Name	MC-901
AC Adapter 1(EU)	Brand Name	Motorola (Salcomp)	Model Name	MC-902
AC Adapter 1(UK)	Brand Name	Motorola (Salcomp)	Model Name	MC-903
AC Adapter 1(AR)	Brand Name	Motorola (Salcomp)	Model Name	MC-906
AC Adapter 1(BR)	Brand Name	Motorola (Salcomp)	Model Name	MC-907
AC Adapter 1(CHILE)	Brand Name	Motorola (Salcomp)	Model Name	MC-909
AC Adapter 2(IN)	Brand Name	Motorola (Salcomp)	Model Name	MC-904
AC Adapter 2(IN Local)	Brand Name	Motorola (Salcomp)	Model Name	MC-904
AC Adapter 3(US)	Brand Name	Motorola (AOHAI)	Model Name	MC-901
AC Adapter 3(EU)	Brand Name	Motorola (AOHAI)	Model Name	MC-902
AC Adapter 3(UK)	Brand Name	Motorola (AOHAI)	Model Name	MC-903
AC Adapter 3(AR)	Brand Name	Motorola (AOHAI)	Model Name	MC-906
AC Adapter 3(BR)	Brand Name	Motorola (AOHAI)	Model Name	MC-907
AC Adapter 3(CHILE)	Brand Name	Motorola (AOHAI)	Model Name	MC-909
AC Adapter 4(IN)	Brand Name	Motorola (AOHAI)	Model Name	MC-904
AC Adapter 4(IN Local)	Brand Name	Motorola (XIHI)	Model Name	MC-904
Battery	Brand Name	Motorola (ATL)	Model Name	TZ70
USB Cable 1	Brand Name	Motorola (Saibao)	Model Name	SC18D86731
USB Cable 2	Brand Name	Motorola (Luxshare)	Model Name	SC18E08103
USB Cable 3	Brand Name	Motorola (Saibao)	Model Name	SC18D71644
USB Cable 4	Brand Name	Motorola (Luxshare)	Model Name	SC18E08104
Protective case	Brand Name	Motorola (Techson)	Model Name	SS68F43462

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

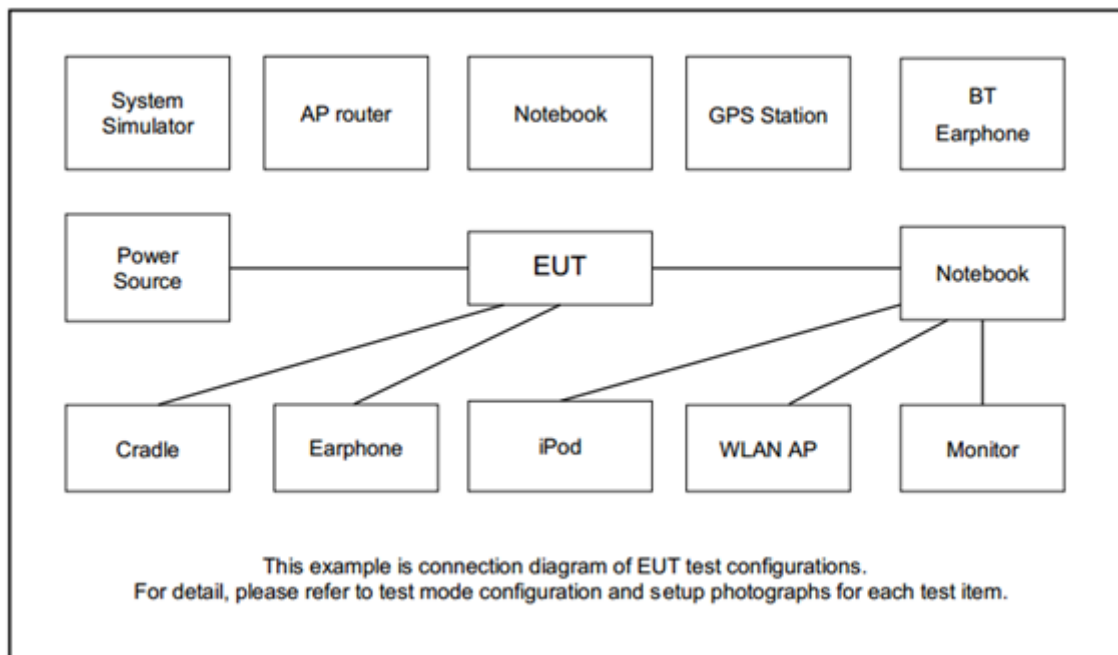
2.1. Test Mode

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 + Camera(Rear) + Battery 1 + UWB Idle + USB Cable 1 (Charging from Adapter1) + SIM 1 for Sample 1
	Mode 2: WCDMA 850 Rx(Middle) + Bluetooth Idle + WLAN (5G) Idle + Camera(Front) + Battery 1 + UWB Link + USB Cable 2 (Charging from Adapter2) + SIM 2 for Sample 1
	Mode 3: LTE Band 5 Rx(High) + Bluetooth Idle + WLAN (6G) Idle + NFC On + Battery 1 + UWB Idle + USB Cable 3 (Charging from Adapter3) + SIM 1 for Sample 1
	Mode 4: LTE Band 12 Rx(High) + Bluetooth Idle + WLAN (2.4G) Idle + MPEG4(Run Color Bar) + Battery 1 + UWB Idle + USB Cable 4 (Charging from Adapter4) + SIM 1 for Sample 1
	Mode 5: LTE Band 13 Rx(High) + Bluetooth Idle + WLAN (5G) Idle + GNSS Rx + Battery 1 + UWB Link + USB Cable 1 (Data Link with Notebook) + SIM 1 + EUT (eMMC) USB Data Link to PC/NB for Sample 1
	Mode 6: LTE Band 26 Rx(Low) + Bluetooth Idle + WLAN (6G) Idle + NFC On + Battery 1 + UWB Idle + USB Cable 1 (Data Link with Notebook) + SIM 1 + PC/NB USB Data Link to EUT (eMMC) for Sample 1
	Mode 7: LTE Band 71 Rx(Middle) + Bluetooth Idle + WLAN (2.4G) Idle + NFC On + Battery 1 + UWB Idle + USB Cable 2 (Data Link with Notebook) + SIM 1 + EUT (eMMC) USB Data Link to PC/NB for Sample 1
	Mode 8: SA N14 Rx(Low) Idle + Bluetooth Idle + WLAN (5G) Idle + NFC On + Battery 1 + UWB Link + USB Cable 3 (Data Link with Notebook) + SIM 1 + EUT (eMMC) USB Data Link to PC/NB for Sample 1
	Mode 9: SA N26 Rx(High) Idle + Bluetooth Idle + WLAN (6G) Idle + NFC On + Battery 1 + UWB Idle + USB Cable 4 (Data Link with Notebook) + SIM 1 + EUT (eMMC) USB Data Link to PC/NB for Sample 1
	Mode 10: SA N71 Rx(Middle) Idle + Bluetooth Idle + WLAN (2.4G) Idle + NFC On + Battery 1 + UWB Idle + Earphone + USB Cable 3 (EUT Charging from Wireless charger) + SIM 1 + Adapter 3 Connect to Wireless charger for Sample 1
	Mode 11: SA N29 Rx(Low) Idle + Bluetooth Idle + WLAN (5G) Idle + NFC On + Battery 1 + UWB Link + USB Cable 3 (Charging from Adapter 3) + (EUT Wireless Charging to other phones) for Sample 1

Test Items	Functions Enabled
Radiated Emissions	Mode 1: GSM 850 Rx(Low) + Bluetooth Idle + WLAN (2.4G) Idle + Camera(Rear) + Battery 1 + UWB Idle + USB Cable 1 (Charging from Adapter1) + SIM 1 for Sample 1
	Mode 2: WCDMA 850 Rx(Middle) + Bluetooth Idle + WLAN (5G) Idle + Camera(Front) + Battery 1 + UWB Link + USB Cable 2 (Charging from Adapter2) + SIM 2 for Sample 1
	Mode 3: LTE Band 5 Rx(High) + Bluetooth Idle + WLAN (6G) Idle + NFC On + Battery 1 + UWB Idle + USB Cable 3 (Charging from Adapter3) + SIM 1 for Sample 1
	Mode 4: LTE Band 12 Rx(High) + Bluetooth Idle + WLAN (2.4G) Idle + MPEG4(Run Color Bar) + Battery 1 + UWB Idle + USB Cable 4 (Charging from Adapter4) + SIM 1 for Sample 1
	Mode 5: LTE Band 13 Rx(High) + Bluetooth Idle + WLAN (5G) Idle + GNSS Rx + Battery 1 + UWB Link + USB Cable 1 (Data Link with Notebook) + EUT (eMMC) USB Data Link to PC/NB + SIM 1 for Sample 1
	Mode 6: LTE Band 26 Rx(Low) + Bluetooth Idle + WLAN (6G) Idle + GNSS Rx + Battery 1 + UWB Idle + USB Cable 1 (Data Link with Notebook) + PC/NB USB Data Link to EUT (eMMC) + SIM 1 for Sample 1
	Mode 7: LTE Band 71 Rx(Middle) + Bluetooth Idle + WLAN (2.4G) Idle + GNSS Rx + Battery 1 + UWB Idle + USB Cable 2 (Data Link with Notebook) + SIM 1 for Sample 1
	Mode 8: SA N14 Rx(Low) Idle + Bluetooth Idle + WLAN (5G) Idle + GNSS Rx + Battery 1 + UWB Link + USB Cable 3 (Data Link with Notebook) + SIM 1 for Sample 1
	Mode 9: SA N26 Rx(High) Idle + Bluetooth Idle + WLAN (6G) Idle + GNSS Rx + Battery 1 + UWB Idle + USB Cable 4 (Data Link with Notebook) + SIM 1 for Sample 1
	Mode 10 : SA N71 Rx(Middle) Idle + Bluetooth Idle + WLAN (2.4G) Idle + GNSS Rx + Battery 1 + UWB Idle + Earphone + USB Cable 1 (EUT Charging from Wireless charger) + Adapter 1 Connect to Wireless charger + SIM 1for Sample 1
	Mode 11 : SA N29 Rx(Low) Idle + Bluetooth Idle + WLAN (5G) Idle + GNSS Rx + Battery 1 + UWB Link + USB Cable 1(Charging from Adapter 1) + EUT Wireless Charging to other phones) for Sample 1
	Mode 12 : SA N29 Rx(Low) Idle + Bluetooth Idle + WLAN (5G) Idle + GNSS Rx + Battery 1 + UWB Link + USB Cable 1(Charging from Adapter 1) + Protective case + (EUT Wireless Charging to other phones) for Sample 1
	Mode 13 : SA N29 Rx(Low) Idle + Bluetooth Idle + WLAN (5G) Idle + GNSS Rx + Battery 1 + UWB Link + USB Cable 1(Charging from Adapter 1) + Protective case + (EUT Wireless Charging to other phones) for Sample 2
Remark: - The worst case of AC is mode 11; only the test data of this mode was reported. - The worst case of RE is mode 12; 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 5/12/13/71/26); 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.	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.	Bluetooth Earphone	Jlab Jbund Mini	2AHYV	N/A	N/A	N/A
6.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded,1.8m
7.	WLAN AP	ASUS	GT-AXE11000	N/A	N/A	Unshielded,1.8m
8.	NOTE BOOK	Dell	Latitude 3420	FCC DoC	N/A	AC I/P: Unshielded, 1.2m DC O/P: Shielded, 1.8m
9.	NOTE BOOK	Lenovo	IdeaPad Gaming 3 15IHU6	PD9AX201NG	N/A	AC I/P: Unshielded, 1.2m DC O/P: Shielded, 1.8m
10.	Mobile Phone	Motorola	XT2701-2	N/A	N/A	Unshielded,1.8m
11.	WPC Pad	Motorola	MW-02 AC3E5 SA18D50503	N/A	N/A	N/A
12.	Earphone	Apple	A3046	N/A	UnShielded, 1.2m	N/A
13.	Bluetooth Earphone	Sony	SBH20	PY7-RD0010	N/A	N/A
14.	iPod Earphone	Apple	A1285	FCC 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 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.

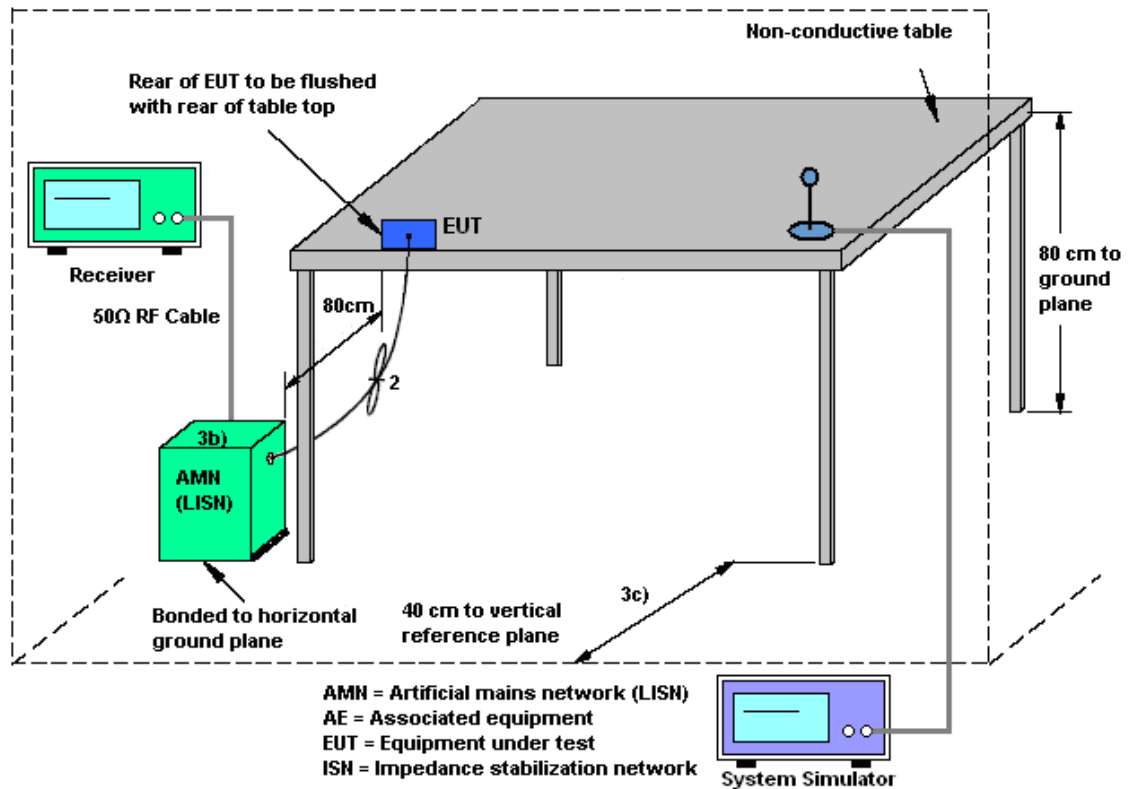
3.1.2. Measuring Instruments

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

3.2.2. Measuring Instruments

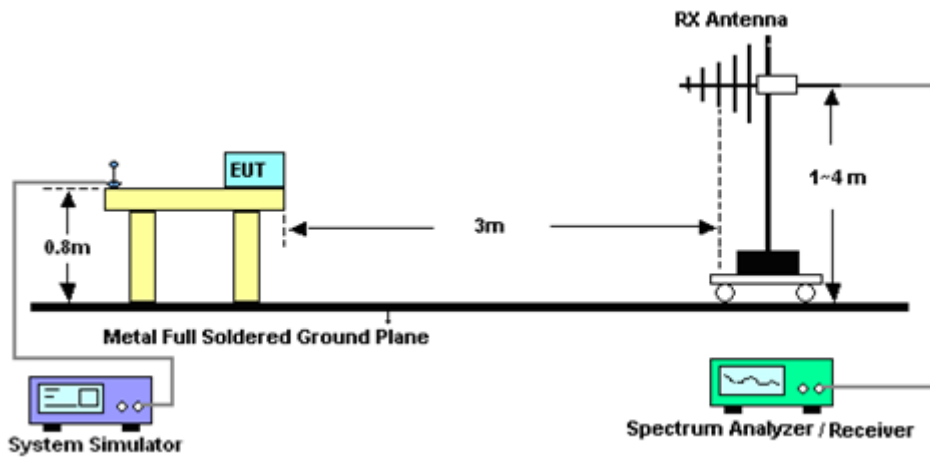
Please refer to the measuring equipment list in this test report.

3.2.3. Test Procedures

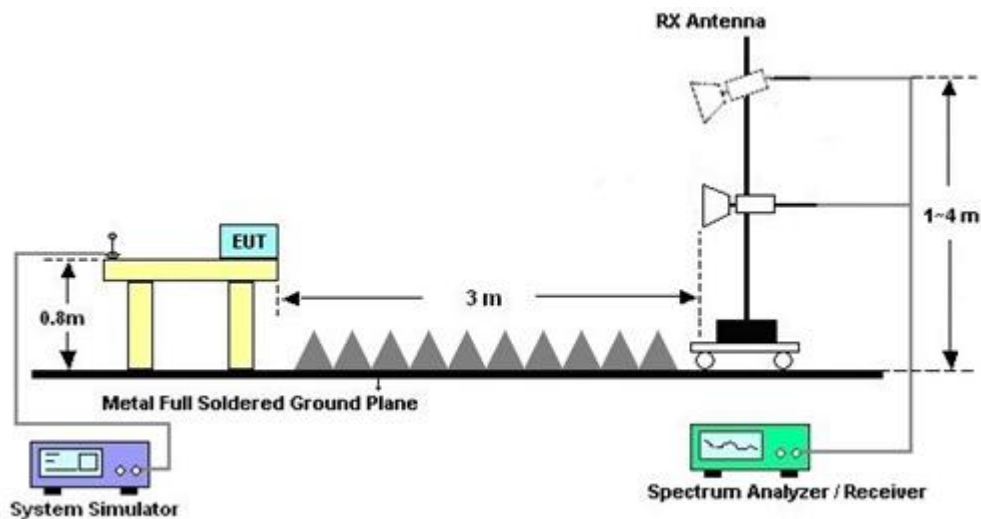
1. The EUT is placed on a turntable with 0.8 meter above ground.
2. The EUT is set 3 meters from the interference receiving antenna, which is mounted on the top of a variable height antenna tower.
3. The table is rotated 360 degrees to determine the position of the highest radiation.
4. The antenna is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

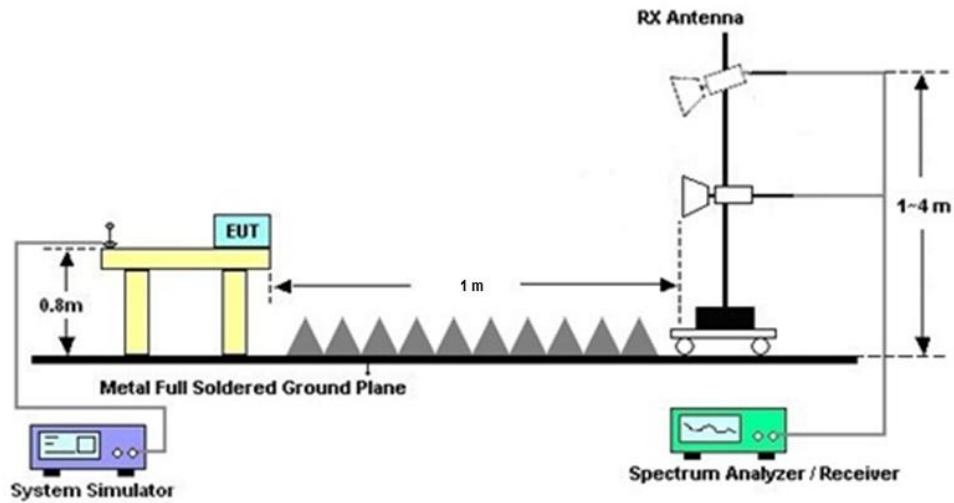
For Radiated Emissions from 30 MHz to 1 GHz



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
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)
AC Power Source	ALL	APC-130	N/A	N/A	N/A	Aug. 20, 2026	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	N/A	Dec. 16, 2025	Aug. 20, 2026	Dec. 15, 2026	Conduction (CO05-HY)
Hygrometer	TECPEL	DTM-303A	TP210031	N/A	Jun. 15, 2026	Aug. 20, 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	Aug. 20, 2026	Apr. 21, 2027	Conduction (CO05-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Apr. 10, 2026	Aug. 20, 2026	Apr. 09, 2027	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Aug. 20, 2026	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	00691	N/A	Aug. 07, 2026	Aug. 20, 2026	Aug. 06, 2027	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	MQT24082501	N/A	Oct. 14, 2025	Aug. 20, 2026	Oct. 13, 2026	Conduction (CO05-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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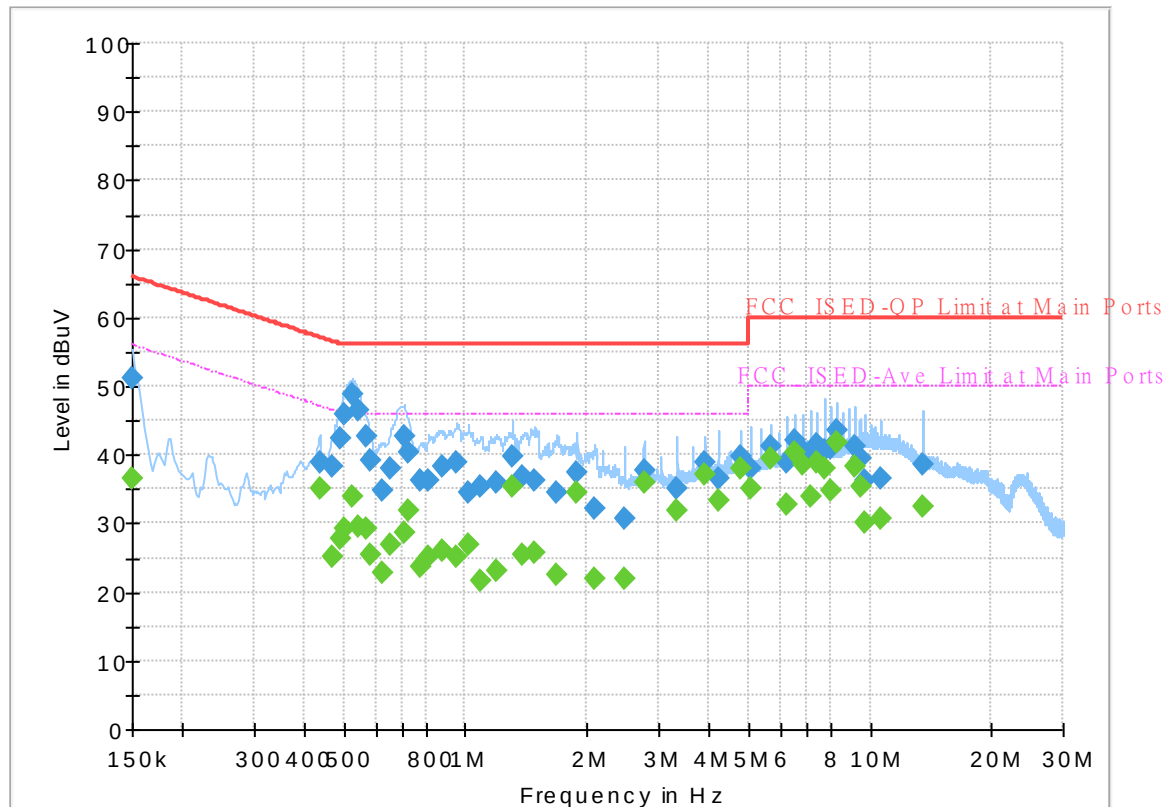
Appendix A. AC Conducted Emission Test Results

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

EUT Information

Report NO : 672113
 Test Mode : Mode 11
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum

**Final Result**

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	36.46	56.00	19.54	L1	OFF	19.9
0.150000	51.06	---	66.00	14.94	L1	OFF	19.9
0.435750	---	35.04	47.14	12.10	L1	OFF	19.9
0.435750	38.96	---	57.14	18.18	L1	OFF	19.9
0.467250	---	25.16	46.56	21.40	L1	OFF	19.9
0.467250	38.39	---	56.56	18.17	L1	OFF	19.9
0.489750	---	27.83	46.17	18.34	L1	OFF	19.9
0.489750	42.27	---	56.17	13.90	L1	OFF	19.9
0.503250	---	29.21	46.00	16.79	L1	OFF	19.9
0.503250	45.78	---	56.00	10.22	L1	OFF	19.9
0.525750	---	33.87	46.00	12.13	L1	OFF	19.9
0.525750	48.69	---	56.00	7.31	L1	OFF	19.9
0.546000	---	29.51	46.00	16.49	L1	OFF	19.9
0.546000	46.45	---	56.00	9.55	L1	OFF	19.9
0.566250	---	29.34	46.00	16.66	L1	OFF	19.9
0.566250	42.70	---	56.00	13.30	L1	OFF	19.9
0.582000	---	25.34	46.00	20.66	L1	OFF	19.9
0.582000	39.18	---	56.00	16.82	L1	OFF	19.9
0.622500	---	22.76	46.00	23.24	L1	OFF	19.9
0.622500	34.80	---	56.00	21.20	L1	OFF	19.9
0.651750	---	26.76	46.00	19.24	L1	OFF	19.9

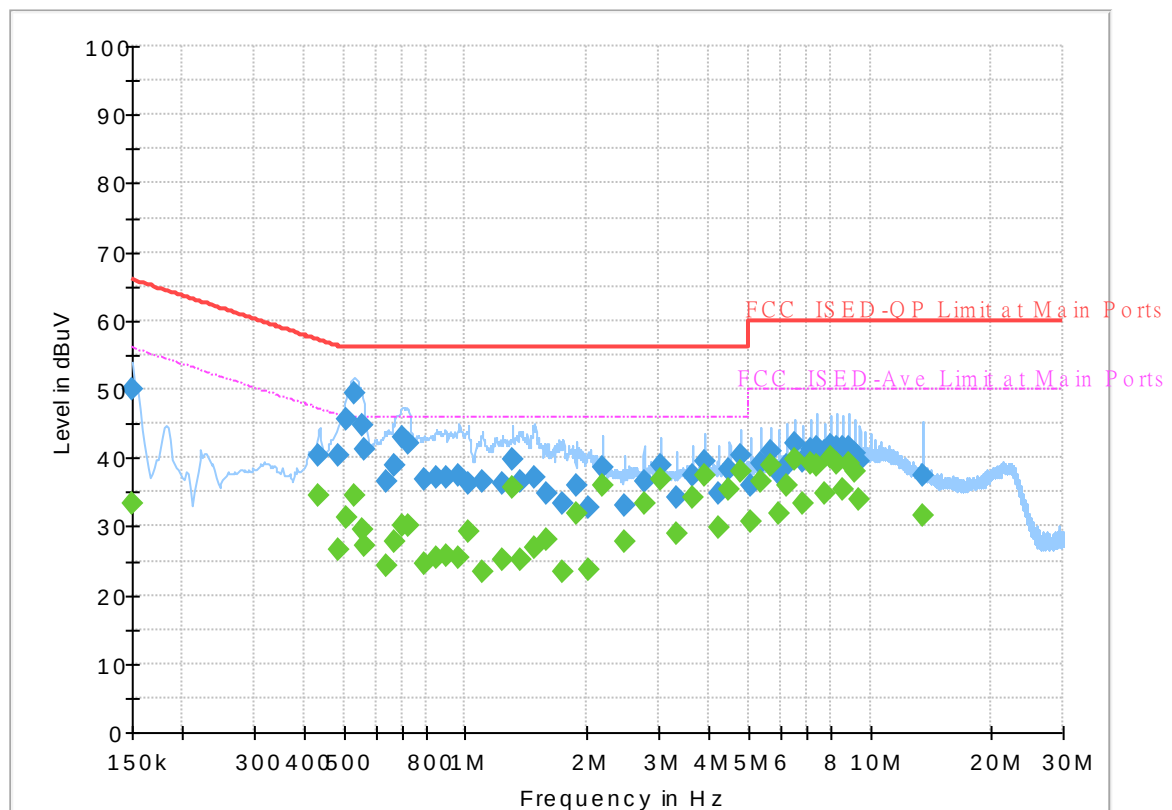
0.651750	38.01	---	56.00	17.99	L1	OFF	19.9
0.705750	---	28.51	46.00	17.49	L1	OFF	19.9
0.705750	42.59	---	56.00	13.41	L1	OFF	19.9
0.726000	---	31.92	46.00	14.08	L1	OFF	19.9
0.726000	40.31	---	56.00	15.69	L1	OFF	19.9
0.773250	---	23.65	46.00	22.35	L1	OFF	19.9
0.773250	36.38	---	56.00	19.62	L1	OFF	19.9
0.809250	---	25.27	46.00	20.73	L1	OFF	19.9
0.809250	36.39	---	56.00	19.61	L1	OFF	19.9
0.872250	---	25.90	46.00	20.10	L1	OFF	20.0
0.872250	38.39	---	56.00	17.61	L1	OFF	20.0
0.953250	---	25.02	46.00	20.98	L1	OFF	20.0
0.953250	38.86	---	56.00	17.14	L1	OFF	20.0
1.020750	---	26.98	46.00	19.02	L1	OFF	20.0
1.020750	34.49	---	56.00	21.51	L1	OFF	20.0
1.090500	---	21.73	46.00	24.27	L1	OFF	20.0
1.090500	35.28	---	56.00	20.72	L1	OFF	20.0
1.194000	---	23.08	46.00	22.92	L1	OFF	20.0
1.194000	35.98	---	56.00	20.02	L1	OFF	20.0
1.306500	---	35.46	46.00	10.54	L1	OFF	20.0
1.306500	39.69	---	56.00	16.31	L1	OFF	20.0
1.387500	---	25.40	46.00	20.60	L1	OFF	20.0
1.387500	36.90	---	56.00	19.10	L1	OFF	20.0
1.488750	---	25.59	46.00	20.41	L1	OFF	20.0
1.488750	36.34	---	56.00	19.66	L1	OFF	20.0
1.680000	---	22.64	46.00	23.36	L1	OFF	20.0
1.680000	34.49	---	56.00	21.51	L1	OFF	20.0
1.887000	---	34.54	46.00	11.46	L1	OFF	20.0
1.887000	37.54	---	56.00	18.46	L1	OFF	20.0
2.094000	---	21.84	46.00	24.16	L1	OFF	20.0
2.094000	32.29	---	56.00	23.71	L1	OFF	20.0
2.467500	---	21.88	46.00	24.12	L1	OFF	20.0
2.467500	30.59	---	56.00	25.41	L1	OFF	20.0
2.757750	---	36.05	46.00	9.95	L1	OFF	20.0
2.757750	37.76	---	56.00	18.24	L1	OFF	20.0
3.340500	---	31.90	46.00	14.10	L1	OFF	20.1
3.340500	35.13	---	56.00	20.87	L1	OFF	20.1
3.921000	---	37.06	46.00	8.94	L1	OFF	20.1
3.921000	38.88	---	56.00	17.12	L1	OFF	20.1
4.211250	---	33.29	46.00	12.71	L1	OFF	20.1
4.211250	36.45	---	56.00	19.55	L1	OFF	20.1
4.791750	---	37.98	46.00	8.02	L1	OFF	20.1
4.791750	39.89	---	56.00	16.11	L1	OFF	20.1
5.082000	---	34.99	50.00	15.01	L1	OFF	20.2
5.082000	37.88	---	60.00	22.12	L1	OFF	20.2
5.662500	---	39.34	50.00	10.66	L1	OFF	20.2
5.662500	41.14	---	60.00	18.86	L1	OFF	20.2
6.243000	---	32.68	50.00	17.32	L1	OFF	20.3
6.243000	38.74	---	60.00	21.26	L1	OFF	20.3
6.533250	---	40.29	50.00	9.71	L1	OFF	20.3
6.533250	42.23	---	60.00	17.77	L1	OFF	20.3
6.823500	---	38.46	50.00	11.54	L1	OFF	20.3
6.823500	40.76	---	60.00	19.24	L1	OFF	20.3
7.113750	---	34.00	50.00	16.00	L1	OFF	20.3
7.113750	40.15	---	60.00	19.85	L1	OFF	20.3
7.406250	---	38.83	50.00	11.17	L1	OFF	20.3
7.406250	41.50	---	60.00	18.50	L1	OFF	20.3
7.696500	---	38.11	50.00	11.89	L1	OFF	20.4
7.696500	40.66	---	60.00	19.34	L1	OFF	20.4
7.984500	---	34.77	50.00	15.23	L1	OFF	20.4
7.984500	40.90	---	60.00	19.10	L1	OFF	20.4
8.274750	---	41.78	50.00	8.22	L1	OFF	20.4
8.274750	43.65	---	60.00	16.35	L1	OFF	20.4
9.147750	---	38.28	50.00	11.72	L1	OFF	20.5
9.147750	41.37	---	60.00	18.63	L1	OFF	20.5
9.438000	---	35.48	50.00	14.52	L1	OFF	20.5
9.438000	39.42	---	60.00	20.58	L1	OFF	20.5
9.730500	---	30.14	50.00	19.86	L1	OFF	20.5
9.730500	36.16	---	60.00	23.84	L1	OFF	20.5
10.596750	---	30.73	50.00	19.27	L1	OFF	20.5
10.596750	36.56	---	60.00	23.44	L1	OFF	20.5

13.560000	---	32.43	50.00	17.57	L1	OFF	20.7
13.560000	38.48	---	60.00	21.52	L1	OFF	20.7

EUT Information

Report NO : 672113
 Test Mode : Mode 11
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum

**Final Result**

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	33.34	56.00	22.66	N	OFF	19.9
0.150000	49.99	---	66.00	16.01	N	OFF	19.9
0.433500	---	34.36	47.19	12.83	N	OFF	19.9
0.433500	40.30	---	57.19	16.89	N	OFF	19.9
0.483000	---	26.74	46.29	19.55	N	OFF	19.9
0.483000	40.34	---	56.29	15.95	N	OFF	19.9
0.505500	---	31.23	46.00	14.77	N	OFF	19.9
0.505500	45.70	---	56.00	10.30	N	OFF	19.9
0.532500	---	34.41	46.00	11.59	N	OFF	19.9
0.532500	49.31	---	56.00	6.69	N	OFF	19.9
0.555000	---	29.46	46.00	16.54	N	OFF	19.9
0.555000	44.69	---	56.00	11.31	N	OFF	19.9
0.564000	---	27.09	46.00	18.91	N	OFF	19.9
0.564000	41.30	---	56.00	14.70	N	OFF	19.9
0.636000	---	24.32	46.00	21.68	N	OFF	19.9
0.636000	36.66	---	56.00	19.34	N	OFF	19.9
0.667500	---	27.69	46.00	18.31	N	OFF	19.9
0.667500	38.95	---	56.00	17.05	N	OFF	19.9
0.699000	---	30.17	46.00	15.83	N	OFF	19.9
0.699000	42.93	---	56.00	13.07	N	OFF	19.9
0.726000	---	30.01	46.00	15.99	N	OFF	19.9

0.726000	42.02	---	56.00	13.98	N	OFF	19.9
0.789000	---	24.42	46.00	21.58	N	OFF	20.0
0.789000	36.98	---	56.00	19.02	N	OFF	20.0
0.849750	---	25.46	46.00	20.54	N	OFF	20.0
0.849750	37.27	---	56.00	18.73	N	OFF	20.0
0.894750	---	25.59	46.00	20.41	N	OFF	20.0
0.894750	37.08	---	56.00	18.92	N	OFF	20.0
0.962250	---	25.32	46.00	20.68	N	OFF	20.0
0.962250	37.47	---	56.00	18.53	N	OFF	20.0
1.018500	---	29.27	46.00	16.73	N	OFF	20.0
1.018500	36.32	---	56.00	19.68	N	OFF	20.0
1.099500	---	23.44	46.00	22.56	N	OFF	20.0
1.099500	36.50	---	56.00	19.50	N	OFF	20.0
1.230000	---	25.00	46.00	21.00	N	OFF	20.0
1.230000	36.29	---	56.00	19.71	N	OFF	20.0
1.306500	---	35.60	46.00	10.40	N	OFF	20.0
1.306500	39.66	---	56.00	16.34	N	OFF	20.0
1.365000	---	25.19	46.00	20.81	N	OFF	20.0
1.365000	36.46	---	56.00	19.54	N	OFF	20.0
1.488750	---	26.87	46.00	19.13	N	OFF	20.0
1.488750	37.20	---	56.00	18.80	N	OFF	20.0
1.594500	---	27.98	46.00	18.02	N	OFF	20.0
1.594500	34.80	---	56.00	21.20	N	OFF	20.0
1.747500	---	23.33	46.00	22.67	N	OFF	20.0
1.747500	33.34	---	56.00	22.66	N	OFF	20.0
1.887000	---	31.99	46.00	14.01	N	OFF	20.0
1.887000	36.01	---	56.00	19.99	N	OFF	20.0
2.004000	---	23.73	46.00	22.27	N	OFF	20.0
2.004000	32.88	---	56.00	23.12	N	OFF	20.0
2.177250	---	36.10	46.00	9.90	N	OFF	20.0
2.177250	38.62	---	56.00	17.38	N	OFF	20.0
2.467500	---	27.89	46.00	18.11	N	OFF	20.0
2.467500	32.96	---	56.00	23.04	N	OFF	20.0
2.757750	---	33.29	46.00	12.71	N	OFF	20.1
2.757750	36.64	---	56.00	19.36	N	OFF	20.1
3.048000	---	36.84	46.00	9.16	N	OFF	20.1
3.048000	38.97	---	56.00	17.03	N	OFF	20.1
3.338250	---	29.00	46.00	17.00	N	OFF	20.1
3.338250	34.11	---	56.00	21.89	N	OFF	20.1
3.628500	---	34.26	46.00	11.74	N	OFF	20.1
3.628500	37.43	---	56.00	18.57	N	OFF	20.1
3.918750	---	37.45	46.00	8.55	N	OFF	20.1
3.918750	39.57	---	56.00	16.43	N	OFF	20.1
4.209000	---	29.73	46.00	16.27	N	OFF	20.1
4.209000	34.66	---	56.00	21.34	N	OFF	20.1
4.499250	---	35.35	46.00	10.65	N	OFF	20.2
4.499250	38.42	---	56.00	17.58	N	OFF	20.2
4.789500	---	38.09	46.00	7.91	N	OFF	20.2
4.789500	40.34	---	56.00	15.66	N	OFF	20.2
5.079750	---	30.80	50.00	19.20	N	OFF	20.2
5.079750	36.05	---	60.00	23.95	N	OFF	20.2
5.370000	---	36.48	50.00	13.52	N	OFF	20.2
5.370000	39.19	---	60.00	20.81	N	OFF	20.2
5.660250	---	38.82	50.00	11.18	N	OFF	20.3
5.660250	41.01	---	60.00	18.99	N	OFF	20.3
5.950500	---	31.87	50.00	18.13	N	OFF	20.3
5.950500	37.71	---	60.00	22.29	N	OFF	20.3
6.243000	---	36.01	50.00	13.99	N	OFF	20.3
6.243000	39.01	---	60.00	20.99	N	OFF	20.3
6.531000	---	39.84	50.00	10.16	N	OFF	20.4
6.531000	41.97	---	60.00	18.03	N	OFF	20.4
6.821250	---	33.30	50.00	16.70	N	OFF	20.4
6.821250	39.42	---	60.00	20.58	N	OFF	20.4
7.111500	---	39.05	50.00	10.95	N	OFF	20.4
7.111500	41.24	---	60.00	18.76	N	OFF	20.4
7.404000	---	38.92	50.00	11.08	N	OFF	20.4
7.404000	41.45	---	60.00	18.55	N	OFF	20.4
7.692000	---	34.73	50.00	15.27	N	OFF	20.5
7.692000	41.02	---	60.00	18.98	N	OFF	20.5
7.982250	---	39.99	50.00	10.01	N	OFF	20.5
7.982250	41.91	---	60.00	18.09	N	OFF	20.5

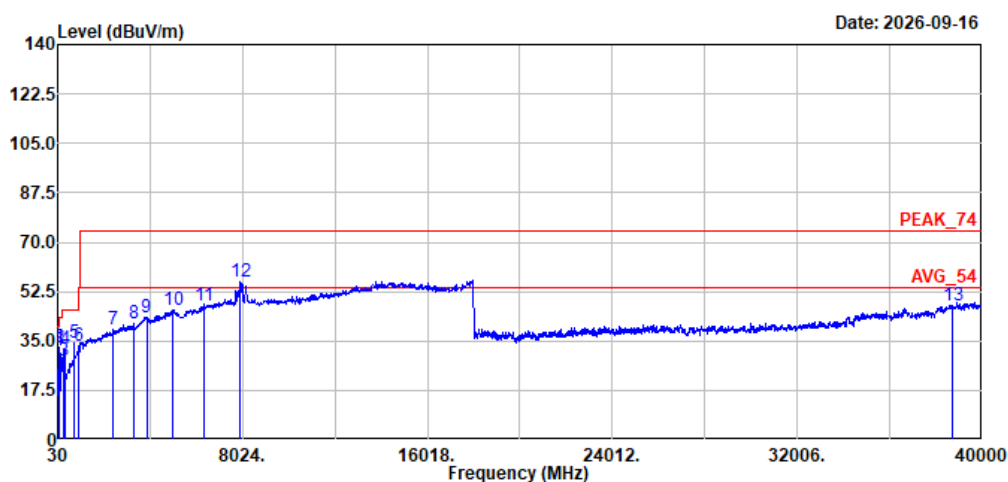
8.274750	---	39.32	50.00	10.68	N	OFF	20.5
8.274750	41.59	---	60.00	18.41	N	OFF	20.5
8.562750	---	35.37	50.00	14.63	N	OFF	20.5
8.562750	41.57	---	60.00	18.43	N	OFF	20.5
8.853000	---	39.16	50.00	10.84	N	OFF	20.6
8.853000	41.52	---	60.00	18.48	N	OFF	20.6
9.145500	---	37.98	50.00	12.02	N	OFF	20.6
9.145500	40.53	---	60.00	19.47	N	OFF	20.6
9.433500	---	34.03	50.00	15.97	N	OFF	20.6
9.433500	39.49	---	60.00	20.51	N	OFF	20.6
13.560000	---	31.51	50.00	18.49	N	OFF	20.7
13.560000	37.44	---	60.00	22.56	N	OFF	20.7



Appendix B. Radiated Emission Test Result

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



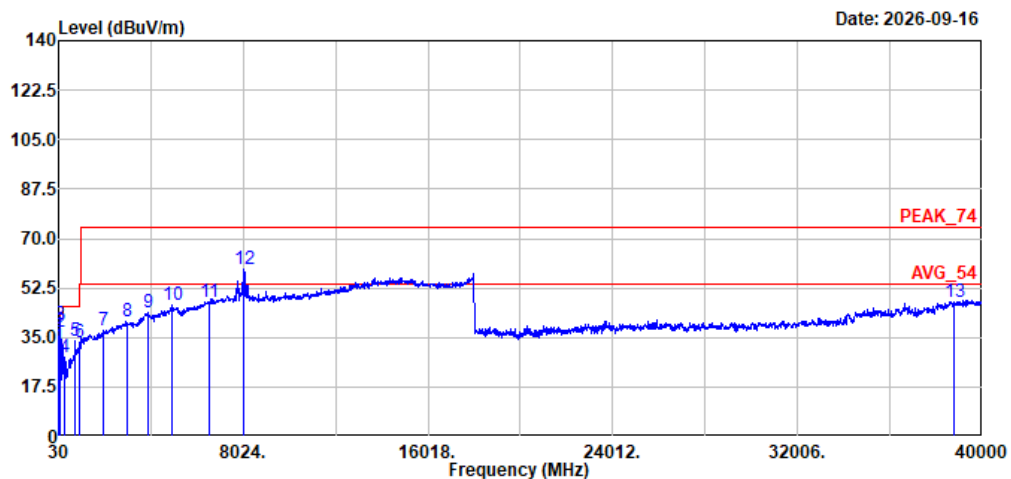
Site : 03CH22-HY
Condition: PEAK_74 3m DRH18-E_LE2C04A18EN_260520 HORIZONTAL
Mode : 12
Setting :

	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	87.23	32.18	40.00	-7.82	48.84	14.30	1.50	32.62	0.16	--	--	Peak
2	88.20	32.75	43.50	-10.75	49.33	14.38	1.51	32.63	0.16	--	--	Peak
3	264.74	28.06	46.00	-17.94	37.93	19.91	2.68	32.61	0.15	--	--	Peak
4	324.88	32.18	46.00	-13.82	42.18	19.47	2.98	32.61	0.16	--	--	Peak
5	730.34	34.19	46.00	-11.81	34.48	27.59	4.46	32.59	0.25	--	--	Peak
6	953.44	33.05	46.00	-12.95	28.07	30.76	5.11	31.21	0.32	--	--	Peak
7	2411.00	39.32	74.00	-34.68	36.29	26.90	8.13	32.59	0.59	--	--	Peak
8	3312.00	41.05	74.00	-32.95	35.45	28.40	9.56	33.06	0.70	--	--	Peak
9	3873.00	43.41	74.00	-30.59	35.03	30.75	10.30	33.45	0.78	--	--	Peak
10	5029.00	46.04	74.00	-27.96	33.93	32.78	11.79	33.59	1.13	--	--	Peak
11	6355.00	47.38	74.00	-26.62	32.52	35.81	13.12	35.05	0.98	--	--	Peak
12	7936.00	55.94	74.00	-18.06	39.84	37.10	14.77	36.82	1.05	--	--	Peak
13	38691.00	47.73	74.00	-26.27	41.32	44.15	34.05	62.25	-9.54	100	289	Peak



Test Engineer :	Yu Wang	Temperature :	22.6 ~ 23.4°C
		Relative Humidity :	54.3 ~ 56.6%
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 : 12
Setting :

	Freq	Level	Limit	Line	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	40.67	31.95	40.00	-8.05	44.69	18.71	0.98	32.61	0.18	100	339	QP	
2	67.83	36.86	40.00	-3.14	56.10	11.90	1.31	32.60	0.15	101	337	QP	
3	94.99	39.42	43.50	-4.08	55.20	15.09	1.58	32.63	0.18	100	246	QP	
4	264.74	27.91	46.00	-18.09	37.78	19.91	2.68	32.61	0.15	--	--	Peak	
5	730.34	33.94	46.00	-12.06	34.23	27.59	4.46	32.59	0.25	--	--	Peak	
6	941.80	33.32	46.00	-12.68	29.21	30.07	5.07	31.33	0.30	--	--	Peak	
7	1952.00	37.68	74.00	-36.32	36.40	25.84	7.15	32.29	0.58	--	--	Peak	
8	2972.00	40.63	74.00	-33.37	35.10	28.38	9.12	32.66	0.69	--	--	Peak	
9	3907.00	44.06	74.00	-29.94	35.61	30.79	10.33	33.46	0.79	--	--	Peak	
10	4944.00	46.61	74.00	-27.39	34.59	32.76	11.70	33.54	1.10	--	--	Peak	
11	6542.00	47.71	74.00	-26.29	32.36	36.28	13.26	35.19	1.00	--	--	Peak	
12	8055.00	58.91	74.00	-15.09	42.61	37.29	14.92	36.98	1.07	--	--	Peak	
13	38768.00	47.76	74.00	-26.24	40.97	44.43	34.09	62.19	-9.54	100	106	Peak	

—THE END—