

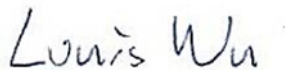


FCC RADIO TEST REPORT

FCC ID : IHDT56AX2
Equipment : Mobile Cellular Phone
Brand Name : Motorola
Model Name : XT2625-11
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 Part 15 Subpart E §15.407

The product was received on Jul. 01, 2026 and testing was performed from Jul. 03, 2026 to Jul. 21, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this variant 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
FR610603-18E	01	Initial issue of report	Sep. 10, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.407(a)	Maximum Conducted Output Power	Pass	-
3.2	15.407(b)	Unwanted Emissions	Pass	-
3.3	15.203	Antenna Requirement	Pass	-

Note: This is a variant report. The change note could be referred to the Product Equality Declaration which is exhibit separately. According to the change, only the related test cases were verified from original report FR610618-02E.

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 WLAN 2.4GHz 802.11b/g/n HT20/HT40 WLAN 5GHz 802.11a/n HT20/HT40 WLAN 5GHz 802.11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE GNSS/NFC/FM
Antenna Type	WWAN : Loop & IFA Antenna WLAN : IFA Antenna Bluetooth : IFA Antenna GNSS: IFA Antenna NFC: Coil Antenna FM : External Earphone Antenna

Antenna information		
5725 MHz ~ 5850 MHz	Peak Gain (dBi)	-3.8

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

EUT Information List	
IMEI	Performed Test Item
357532780018017 357532780018025	Conducted
357532780015534	Radiated Spurious Emission

Specification of Accessory				
AC Adapter 1 US	Brand Name	Motorola(AOHAI)	Model Name	MC-101
AC Adapter 2 US	Brand Name	Motorola(Chenyang)	Model Name	MC-101
Battery 1	Brand Name	Motorola(SUNWODA)	Model Name	SS52
USB Cable 1	Brand Name	Motorola(naiyi)	Model Name	1.1.0502
USB Cable 2	Brand Name	Motorola(saibao)	Model Name	SC18E52847
USB Cable 3	Brand Name	Motorola(juwei)	Model Name	SC18D38574

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

The test location is accredited based on TAF code 3786 designated by NCC (National Communication Commission).

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.)

FCC designation No.: TW3786

Note: The test site complies with ANSI C63.4 2014 requirement.

1.4 Applicable Standards

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

- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ ♦ FCC Part 15 Subpart E
- ♦ ANSI C63.10-2020 + Cor.1-2023

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5725-5850 MHz Band 4 (U-NII-3)	149	5745	157	5785
	151*	5755	159*	5795
	153	5765	161	5805
	155#	5775	165	5825

Note:

1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40.
2. The above Frequency and Channel with "#" are 802.11ac VHT80.

2.2 Test Mode

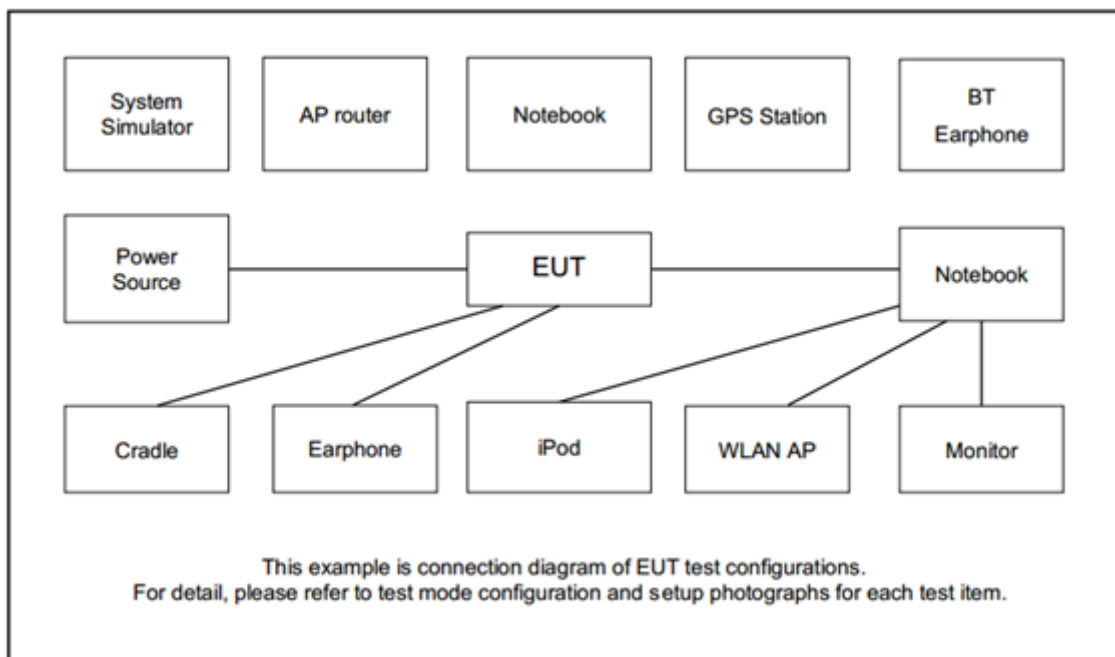
SISO Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

Remark:

1. For Radiated Test Cases, the tests were performed with Adapter 1, Earphone and USB Cable 1.
2. The detailed Radiated test modes are shown in Appendix B.
3. For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Earphone	UGREEN	N/A	N/A	1.5M	Earphone

2.5 EUT Operation Test Setup

The RF test items, utility "QRCT Version 4.0.192.1" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

3 Test Result

3.1 Maximum Conducted Output Power Measurement

3.1.1 Limit of Maximum Conducted Output Power

For the band 5.725–5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.1.2 Measuring Instruments

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

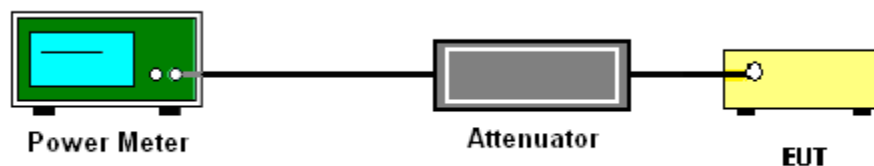
3.1.3 Test Procedures

The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using a gated RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

3.1.4 Test Setup



3.1.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.2 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.2.1 Limit of Unwanted Emissions

- (1) For transmitters operating in the 5.725-5.85 GHz band:

15.407(b)(4)(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

- (2) Unwanted spurious emissions falls in restricted bands shall comply with the general field strength limits as below table,

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

Note: The following formula is used to convert the EIRP to field strength.

$$E = \frac{1000000\sqrt{30P}}{3} \text{ } \mu\text{V/m, where P is the eirp (Watts)}$$

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27	68.3



3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
(2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW $\geq$ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and 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 adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading.
When there is no suspected emission found and the emission level is with at least 6 dB margin

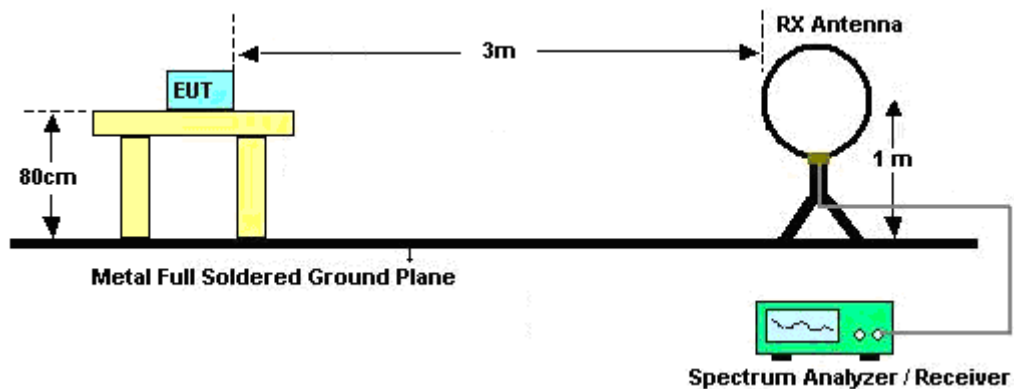
against QP limit line, the position is marked as “-”.

7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies.

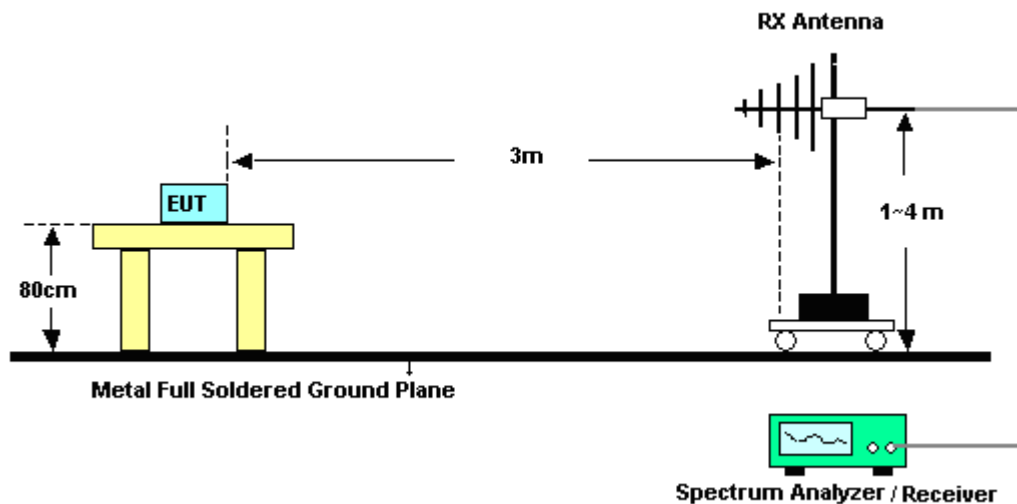
When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-”.

3.2.4 Test Setup

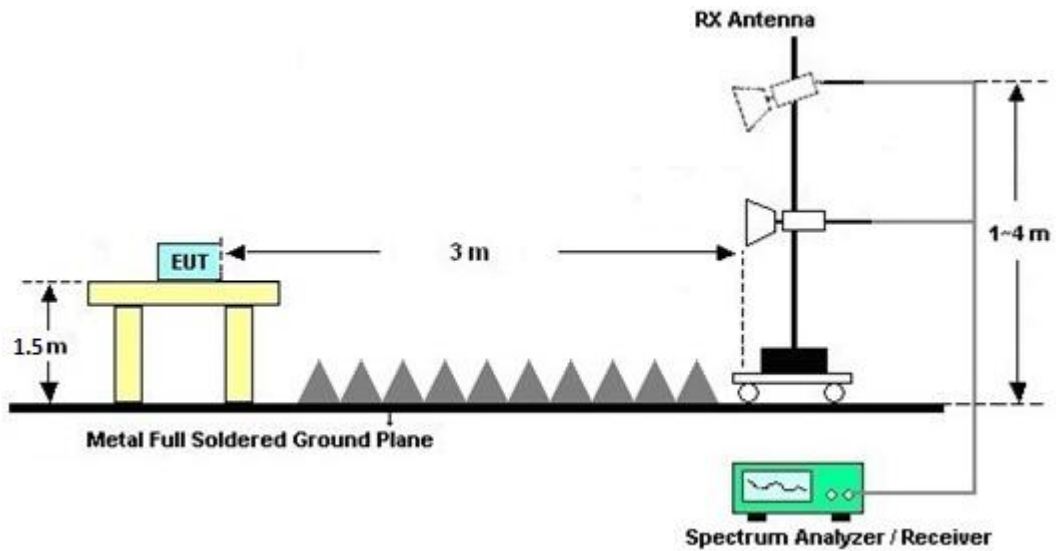
For radiated emissions below 30MHz



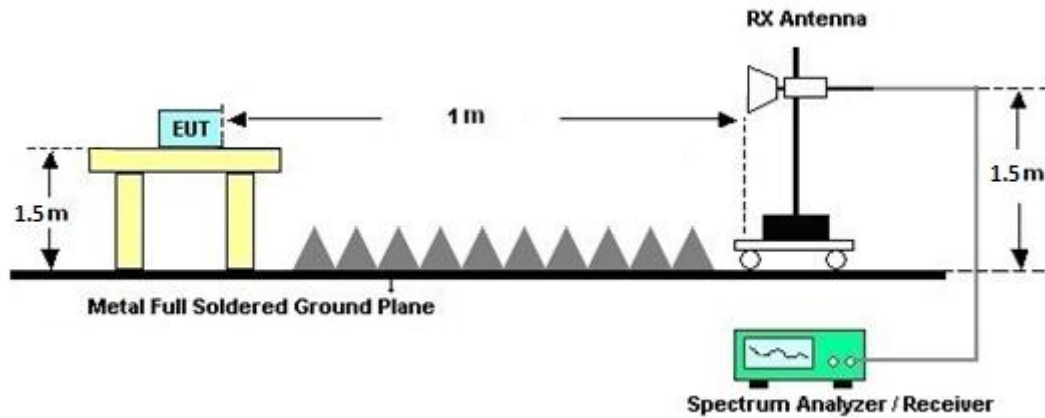
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz





3.2.5 Test Results of Radiated Emissions (9 kHz ~ 30 MHz)

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site **v01r01**, and the result came out very similar.

3.2.6 Test Result of Radiated Band Edges

Please refer to Appendix B.

3.2.7 Duty Cycle

Please refer to Appendix C.

3.2.8 Test Result of Unwanted Radiated Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix B.



3.3 Antenna Requirements

3.3.1 Standard Applicable

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

3.3.2 Antenna Anti-Replacement Construction

Antenna permanently attached.



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	ReMark
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9kHz~30MHz	Dec. 11, 2025	Jul. 03, 2026~ Jul. 21, 2026	Dec. 10, 2026	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	1230	18GHz~40GHz	Nov. 05, 2026	Jul. 03, 2026~ Jul. 21, 2026	Nov. 04, 2026	Radiation (03CH16-HY)
Spectrum Analyzer	Keysight	N9010B	MY60241055	10Hz~44GHz	Nov. 18, 2025	Jul. 03, 2026~ Jul. 21, 2026	Nov. 17, 2026	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Nov. 26, 2025	Jul. 03, 2026~ Jul. 21, 2026	Nov. 25, 2026	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N-0 6	47020 & 06	30MHz to 1GHz	Oct. 04, 2025	Jul. 03, 2026~ Jul. 21, 2026	Oct. 03, 2026	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1522	1GHz~18GHz	Mar. 26, 2026	Jul. 03, 2026~ Jul. 21, 2026	Mar. 25, 2027	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1GHz	Jun. 29, 2026	Jul. 03, 2026~ Jul. 21, 2026	Jun. 28, 2027	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Sep. 12, 2025	Jul. 03, 2026~ Jul. 21, 2026	Sep. 11, 2026	Radiation (03CH16-HY)
Preamplifier	EMEC	EM1G18G	060812	1GHz~18GHz	Dec. 22, 2025	Jul. 03, 2026~ Jul. 21, 2026	Dec. 21, 2026	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	May 25, 2026	Jul. 03, 2026~ Jul. 21, 2026	May 24, 2027	Radiation (03CH16-HY)
Filter	Wainwright	WLK4-1000-153 0-8000-40SS	SN17	1.53GHz Low Pass Filter	Jan. 13, 2026	Jul. 03, 2026~ Jul. 21, 2026	Jan. 12, 2027	Radiation (03CH16-HY)
Filter	Wainwright	WHKX12-2700-3 000-18000-60ST	SN3	3GHz High Pass Filter	Jun. 25, 2026	Jul. 03, 2026~ Jul. 21, 2026	Jun. 24, 2027	Radiation (03CH16-HY)
Filter	Wainwright	WHKX12-2700-3 000-18000-60ST	SN3	3GHz High Pass Filter	Jun. 25, 2026	Jul. 03, 2026~ Jul. 21, 2026	Jun. 24, 2027	Radiation (03CH16-HY)
Filter	Wainwright	WHKX8-5872.5- 6750-18000-40S T	SN27	6.75GHz High Pass Filter	Dec. 22, 2025	Jul. 03, 2026~ Jul. 21, 2026	Dec. 21, 2026	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	May 13, 2026	Jul. 03, 2026~ Jul. 21, 2026	May 12, 2027	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102/SUCOFLEX 104	EC-A5-300-57 57,805935/4,8 02434/4	30MHz~18GHz	Aug. 06, 2025	Jul. 03, 2026~ Jul. 21, 2026	Aug. 05, 2026	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,8040 12/2	18-40GHz	Dec. 18, 2025	Jul. 03, 2026~ Jul. 21, 2026	Dec. 17, 2026	Radiation (03CH16-HY)
Software	Audix	E3 230621 V9	RK-002393	N/A	N/A	Jul. 03, 2026~ Jul. 21, 2026	N/A	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Jul. 03, 2026~ Jul. 21, 2026	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jul. 03, 2026~ Jul. 21, 2026	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jul. 03, 2026~ Jul. 21, 2026	N/A	Radiation (03CH16-HY)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 04, 2025	Jul .03. 2026	Nov. 03, 2026	Conducted (TH05-HY)
USB RF Power Sensor	DARE	RPR3006W	17I00015SNO37 (NO:167)	10MHz~6GHz	Nov. 14, 2025	Jul .03. 2026	Nov. 13, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 29, 2025	Jul .03. 2026	Aug. 28, 2026	Conducted (TH05-HY)
Switch Control Mainframe	EM Electronics	EMSW18SE	SW191204 (BOX8)	N/A	Dec. 29, 2025	Jul .03. 2026	Dec. 28, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_version_240513	N/A	Conducted Other Test Item	N/A	Jul .03. 2026	N/A	Conducted (TH05-HY)

5 Measurement Uncertainty

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% ($U = 2Uc(y)$)	4.60 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.60 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.20 dB
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A1. Conducted Test Results

Test Engineer:	Willy Chang	Temperature:	21~25	°C
Test Date:	2026/7/3	Relative Humidity:	51~54	%

TEST RESULTS DATA
Average Power Table

U-NII-3 single antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	149	5745	17.66	-		30.00	-	-3.80	-	Pass
11a	6Mbps	1	157	5785	17.44	-		30.00	-	-3.80	-	Pass
11a	6Mbps	1	165	5825	17.41	-		30.00	-	-3.80	-	Pass
HT20	MCS0	1	149	5745	17.51	-		30.00	-	-3.80	-	Pass
HT20	MCS0	1	157	5785	17.23	-		30.00	-	-3.80	-	Pass
HT20	MCS0	1	165	5825	17.18	-		30.00	-	-3.80	-	Pass
HT40	MCS0	1	151	5755	16.50	-		30.00	-	-3.80	-	Pass
HT40	MCS0	1	159	5795	16.34	-		30.00	-	-3.80	-	Pass
VHT20	MCS0	1	149	5745	17.48	-		30.00	-	-3.80	-	Pass
VHT20	MCS0	1	157	5785	17.32	-		30.00	-	-3.80	-	Pass
VHT20	MCS0	1	165	5825	17.35	-		30.00	-	-3.80	-	Pass
VHT40	MCS0	1	151	5755	16.52	-		30.00	-	-3.80	-	Pass
VHT40	MCS0	1	159	5795	16.43	-		30.00	-	-3.80	-	Pass
VHT80	MCS0	1	155	5775	15.68	-		30.00	-	-3.80	-	Pass

Power Setting		Restriction
Ant 1	Ant 2	
17	-	Target
17	-	Target
17	-	Target
17	-	Target
17	-	Target
17	-	Target
16	-	Target
16	-	Target
17	-	Target
17	-	Target
17	-	Target
17	-	Target
16	-	Target
16	-	Target
15.5	-	Target

Appendix B. Radiated Spurious Emission Test Data

Test Engineer :	Jerry Lan 、 Gary Guo 、 Steven Wu	Temperature :	22.8~25.2°C
		Relative Humidity :	48.2~54.3%

Note symbol

-L	Low channel location
-R	High channel location

B.1.Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 2	U-NII-3	5.725-5.85	6	802.11a	149	5745	6Mbps	-	-

B.2.Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
2	802.11a	149	5631.18	53.65	68.20	-14.55	V	Peak	Pass	-	Band Edge
	802.11a	149	11490.00	40.32	54.00	-13.68	H	Avg.	Pass	-	Harmonic



Mode	2																																																																																																																																				
	Band Edge																																																																																																																																				
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz																																																																																																																																				
ANT	6																																																																																																																																				
Pol.	Horizontal						Fundamental																																																																																																																														
Peak	Level (dBuV/m) Date: 2026-07-03 PEAK_BE(B4)_16-24 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 91200-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5638.57</td><td>52.47</td><td>68.20</td><td>-15.73</td><td>43.74</td><td>33.05</td><td>11.95</td><td>36.27</td><td>0.00</td><td>100</td><td>49 Peak</td></tr><tr><td>2</td><td>5658.17</td><td>51.17</td><td>68.33</td><td>-17.16</td><td>42.38</td><td>33.10</td><td>11.96</td><td>36.27</td><td>0.00</td><td>100</td><td>49 Peak</td></tr><tr><td>3</td><td>5719.77</td><td>62.36</td><td>110.74</td><td>-48.38</td><td>53.18</td><td>33.44</td><td>12.03</td><td>36.29</td><td>0.00</td><td>100</td><td>49 Peak</td></tr><tr><td>4</td><td>5728.21</td><td>62.57</td><td>111.27</td><td>-48.70</td><td>53.39</td><td>33.44</td><td>12.03</td><td>36.29</td><td>0.00</td><td>100</td><td>49 Peak</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	5638.57	52.47	68.20	-15.73	43.74	33.05	11.95	36.27	0.00	100	49 Peak	2	5658.17	51.17	68.33	-17.16	42.38	33.10	11.96	36.27	0.00	100	49 Peak	3	5719.77	62.36	110.74	-48.38	53.18	33.44	12.03	36.29	0.00	100	49 Peak	4	5728.21	62.57	111.27	-48.70	53.39	33.44	12.03	36.29	0.00	100	49 Peak	Level (dBuV/m) Date: 2026-07-03 PEAK(UNII) Site : 03CH16-HY Condition: PEAK(UNII) 3m 91200-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5745.00</td><td>101.58</td><td>-----</td><td>-----</td><td>92.32</td><td>33.49</td><td>12.06</td><td>36.29</td><td>0.00</td><td>100</td><td>49 Peak</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	5745.00	101.58	-----	-----	92.32	33.49	12.06	36.29	0.00	100	49 Peak
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1	5745.00	101.58	-----	-----	92.32	33.49	12.06	36.29	0.00	100	49 Peak																																																																																																																										
Avg	Blank						Level (dBuV/m) Date: 2026-07-03 AVG_54 Site : 03CH16-HY Condition: AVG_54 3m 91200-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5745.00</td><td>94.08</td><td>-----</td><td>-----</td><td>84.82</td><td>33.49</td><td>12.06</td><td>36.29</td><td>0.00</td><td>100</td><td>49 Average</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	5745.00	94.08	-----	-----	84.82	33.49	12.06	36.29	0.00	100	49 Average																																																																															
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1	5745.00	94.08	-----	-----	84.82	33.49	12.06	36.29	0.00	100	49 Average																																																																																																																										



	2										
Mode	Band Edge										
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz										
ANT	6										
Pol.	Vertical						Fundamental				
Peak	Level (dBuV/m) Date: 2026-07-03 <										



Mode	2																																																																																																																											
	Harmonic																																																																																																																											
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz																																																																																																																											
ANT	6																																																																																																																											
Pol.	Horizontal	Vertical																																																																																																																										
Peak Avg	Level (dBuV/m) Date: 2026-07-03 Site : 03CH16-HY Condition: PEAK(UNII) 3m 91200-1522_260326 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>11490.00</td><td>50.49</td><td>74.00</td><td>-23.51</td><td>59.76</td><td>39.00</td><td>16.99</td><td>66.03</td><td>0.77</td><td>100</td><td>0 Peak</td></tr><tr><td>2</td><td>11490.00</td><td>40.32</td><td>54.00</td><td>-13.68</td><td>49.59</td><td>39.00</td><td>16.99</td><td>66.03</td><td>0.77</td><td>100</td><td>0 Average</td></tr><tr><td>3</td><td>17235.00</td><td>49.19</td><td>68.20</td><td>-19.01</td><td>54.85</td><td>38.64</td><td>20.98</td><td>66.08</td><td>0.80</td><td>--</td><td>-- Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	11490.00	50.49	74.00	-23.51	59.76	39.00	16.99	66.03	0.77	100	0 Peak	2	11490.00	40.32	54.00	-13.68	49.59	39.00	16.99	66.03	0.77	100	0 Average	3	17235.00	49.19	68.20	-19.01	54.85	38.64	20.98	66.08	0.80	--	-- Peak	Level (dBuV/m) Date: 2026-07-03 Site : 03CH16-HY Condition: PEAK(UNII) 3m 91200-1522_260326 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>11490.00</td><td>47.91</td><td>74.00</td><td>-26.09</td><td>57.18</td><td>39.00</td><td>16.99</td><td>66.03</td><td>0.77</td><td>--</td><td>-- Peak</td></tr><tr><td>2</td><td>17235.00</td><td>49.13</td><td>68.20</td><td>-19.07</td><td>54.79</td><td>38.64</td><td>20.98</td><td>66.08</td><td>0.80</td><td>--</td><td>-- Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	11490.00	47.91	74.00	-26.09	57.18	39.00	16.99	66.03	0.77	--	-- Peak	2	17235.00	49.13	68.20	-19.07	54.79	38.64	20.98	66.08	0.80	--	-- Peak
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																		
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																				
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Mode	2	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	6	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	Level (dBuV/m) Date: 2026-07-03 Frequency (MHz) Site : 03CH16-HY Condition: AVG_54 3m 91280-1522_260326 HORIZONTAL	Level (dBuV/m) Date: 2026-07-03 Frequency (MHz) Site : 03CH16-HY Condition: AVG_54 3m 91280-1522_260326 VERTICAL



Appendix C. Duty Cycle Plots

Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting
802.11a	97.48	1392	0.72	750Hz

