

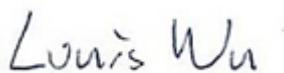


FCC CO-LOCATION RADIO TEST REPORT

FCC ID : 2ABOF-GXRN8356910
Equipment : RN system (Multiband)
Brand Name : Tarana
Model Name : GXRN8356910
Applicant : Tarana Wireless, Inc.
630 Alder Drive Milpitas, CA 95035
Manufacturer : Tarana Wireless, Inc.
630 Alder Drive Milpitas, CA 95035
Standard : FCC Part 15 Subpart E §15.407

The product was received on Jun. 17, 2026 and testing was performed from Aug. 11, 2026 to Aug. 11, 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 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
FR651806D	01	Initial issue of report	Aug. 25, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.407(b)	Unwanted Emissions	Pass	-
3.2	15.203	Antenna Requirement	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: Steve Cheng

Report Producer: Shiori Chen

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature		
General Specs WLAN 2.4G, Proprietary radio 5G / 6G, CBRS and GNSS.		
Antenna Type CBRS: Array antenna Proprietary radio 5G: Array antenna Proprietary radio 6G: Array antenna		
Antenna information		
3550 MHz ~ 3700 MHz	Peak Gain (dBi)	12.63
5725 MHz ~ 5850 MHz	Peak Gain (dBi)	14.72
5925 MHz ~ 6425 MHz	Peak Gain (dBi)	15.52
6525 MHz ~ 6875 MHz	Peak Gain (dBi)	15.48

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

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 KDB 987594 D02 U-NII 6 GHz EMC Measurement v03
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01
- ♦ 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.

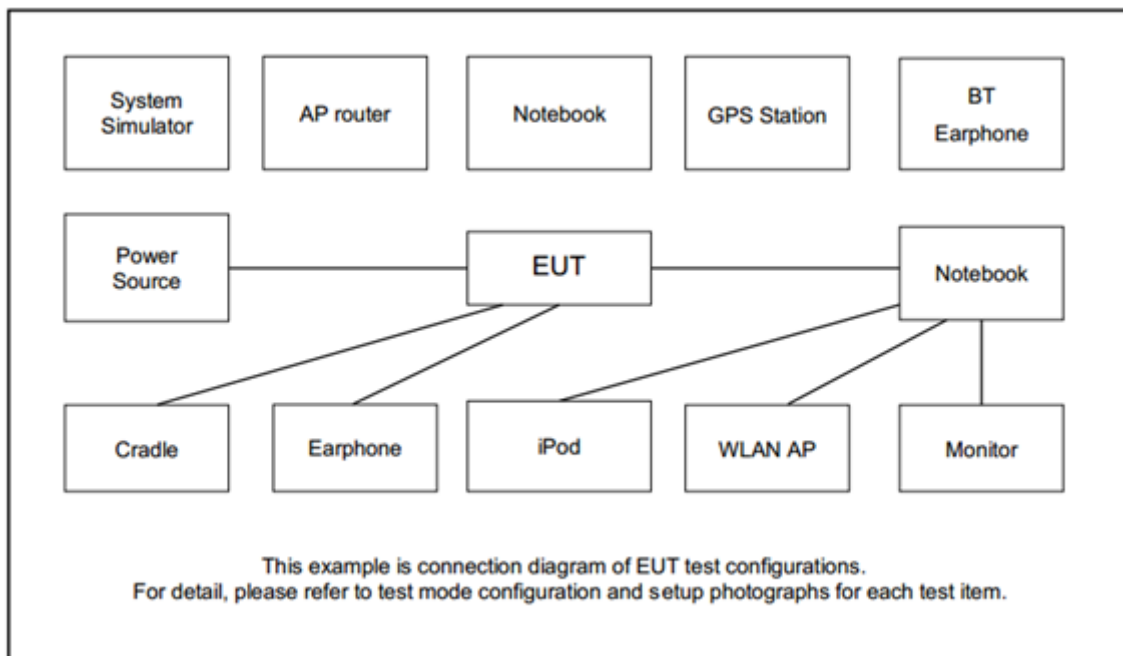
2 Test Configuration of Equipment Under Test

- 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).

2.1 Test Mode

The detailed Radiated test modes are shown in Appendix A

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.	LCD Monitor	ViewSonic	VS17425	FCC DoC	Shielded 2.0m	Unshielded 1.8m
2.	Mouse	Logitech	B100	FCC DoC	Unshielded 1.5m	N/A
3.	Keyboard	DELL	SK-8120	FCC DoC	Unshielded 1.8m	N/A
4.	PC	DELL	D13M	FCC DoC	N/A	Unshielded 1.8m
5.	PoE Adapter	GOSPELL	G0566-500-120	N/A	Shielded 1.0m	Unshielded 1.8m

2.4 EUT Operation Test Setup

The RF test items, utility “Terminal” was used on the Linux-based support desktop. Command-line scripts were executed to place the EUT into engineering modes to provide channel frequency and bandwidth selection, power level and continuous transmitting mode.

3 Test Result

3.1 Unwanted Emissions Measurement

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

3.1.1 Limit of Unwanted Emissions

< For 5725 MHz ~ 5850 MHz >

(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 (RMS)	68.3
- 7 (Peak)	88.3

< For 5925 MHz ~ 7125 MHz >

- (1) For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27 (RMS)	68.3
- 7 (Peak)	88.3

According 987594 D02 U-NII 6GHz EMC Measurement v03 section G:

Unwanted emissions outside of restricted bands are measured with a RMS detector.

In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit

- (2) Unwanted spurious emissions fallen 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.

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

< For 5725 MHz ~ 5850 MHz >

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 “-”.

< For 5925 MHz ~ 7125 MHz >

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 1000MHz

- 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 1000MHz

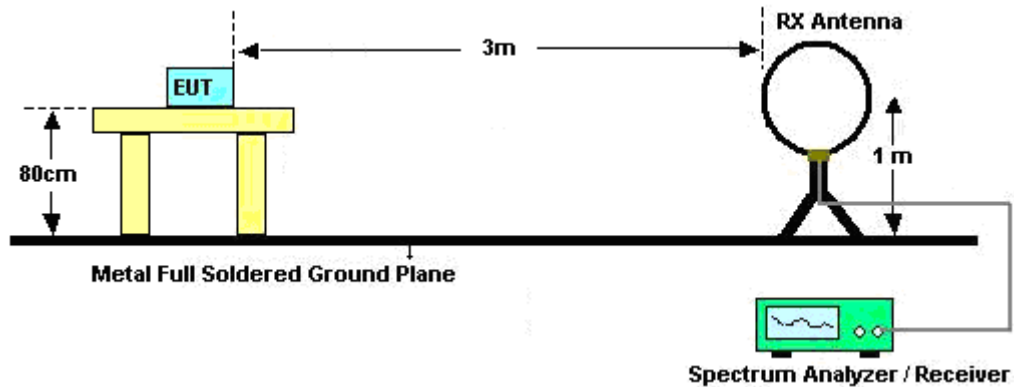
- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

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.

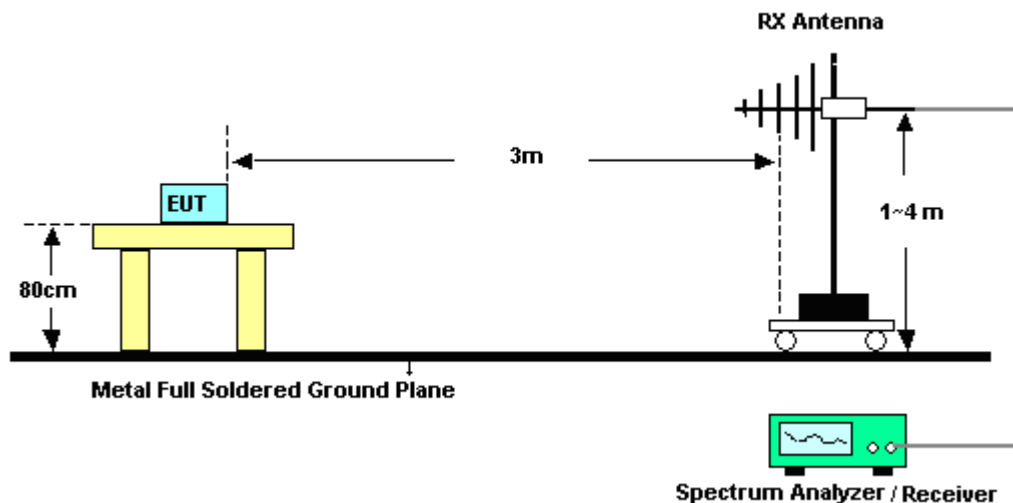
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit 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 “-”.

3.1.4 Test Setup

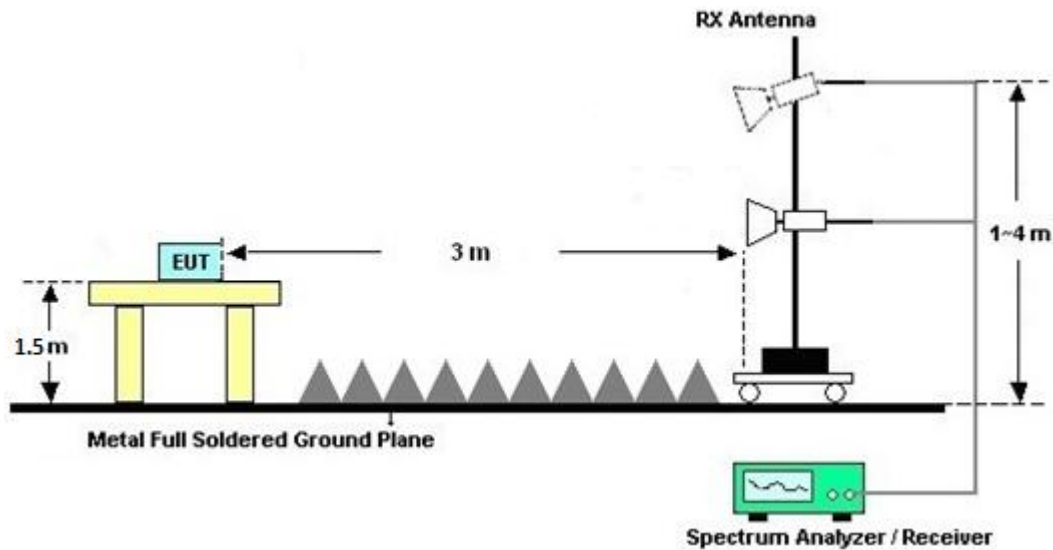
For radiated emissions below 30MHz



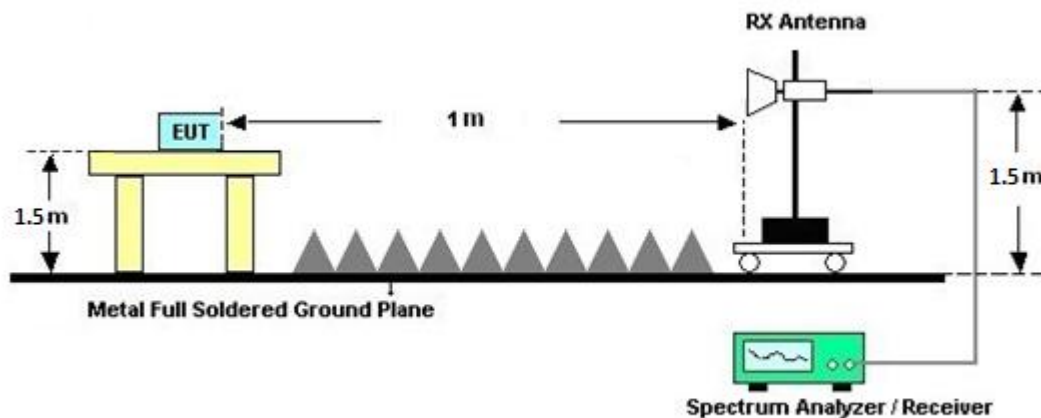
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.1.5 Test Results of Radiated Spurious 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.



3.1.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix A.

3.1.7 Duty Cycle

Please refer to Appendix B.

3.1.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix A.



3.2 Antenna Requirements

3.2.1 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.

3.2.2 Antenna Anti-Replacement Construction

Antenna permanently attached.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	N/A	Oct. 16, 2025	Aug. 11, 2026~ Aug. 11, 2026	Oct. 15, 2026	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 11, 2025	Aug. 11, 2026~ Aug. 11, 2026	Dec. 10, 2026	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 08, 2026	Aug. 11, 2026~ Aug. 11, 2026	Jun. 07, 2027	Radiation (03CH20-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Aug. 11, 2026~ Aug. 11, 2026	N/A	Radiation (03CH20-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Aug. 11, 2026~ Aug. 11, 2026	N/A	Radiation (03CH20-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Aug. 11, 2026~ Aug. 11, 2026	N/A	Radiation (03CH20-HY)
Signal Analyzer	Keysight	N9010B	MY60240520	10Hz~44GHz	Dec. 10, 2025	Aug. 11, 2026~ Aug. 11, 2026	Dec. 09, 2026	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N -06	47020 & 06	30MHz~1GHz	Oct. 04, 2025	Aug. 11, 2026~ Aug. 11, 2026	Oct. 03, 2026	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	02360	1GHz-18GHz	Nov. 05, 2025	Aug. 11, 2026~ Aug. 11, 2026	Nov. 04, 2026	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1230	18GHz-40GHz	Nov. 05, 2025	Aug. 11, 2026~ Aug. 11, 2026	Nov. 04, 2026	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Dec. 30, 2025	Aug. 11, 2026~ Aug. 11, 2026	Dec. 29, 2026	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45S E	980792	N/A	Nov. 11, 2025	Aug. 11, 2026~ Aug. 11, 2026	Nov. 10, 2026	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,804 015/2,251042 39	N/A	Apr. 13, 2026	Aug. 11, 2026~ Aug. 11, 2026	Apr. 12, 2027	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 21, 2025	Aug. 11, 2026~ Aug. 11, 2026	Oct. 20, 2026	Radiation (03CH20-HY)
Software	Audix	N/A	RK-002156	N/A	N/A	Aug. 11, 2026~ Aug. 11, 2026	N/A	Radiation (03CH20-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% ($U = 2Uc(y)$)	4.70 dB
--	---------

Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.70 dB
--	---------

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.20 dB
--	---------

Appendix A. Radiated Spurious Emission Test Data

Test Engineer :	John Chuang 、 David Dai 、 Sam Chou	Temperature :	18.0 ~ 22.6°C
		Relative Humidity :	64.2 ~ 70.8%

Note symbol

-L	Low channel location
-R	High channel location

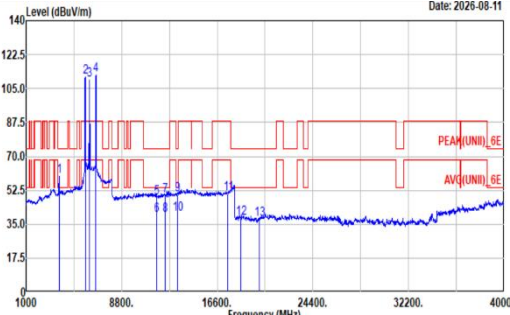
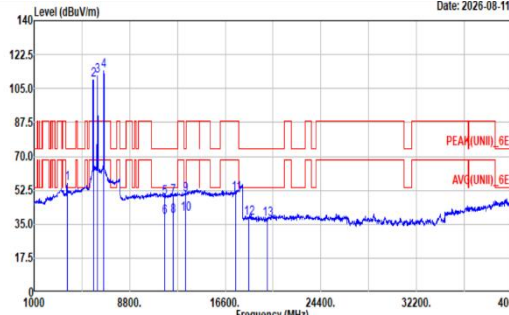
C1.Radiated Spurious Emission Test Modes

Mode	Band (GHz)	Antenna	Modulation	Channel	Frequency (MHz)	Remark
Mode 51	5.725-6.875	CDD	Proprietary	165+43+147	3680+5825+6165+6685	-

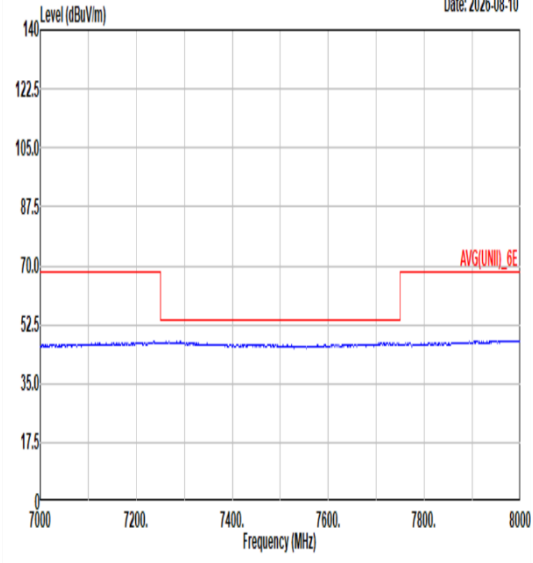
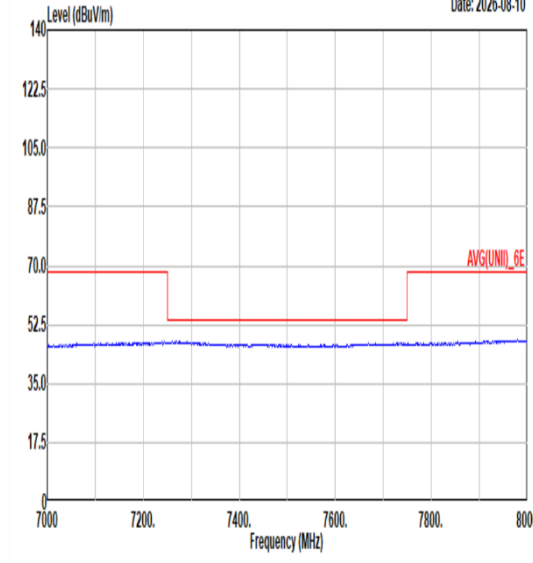
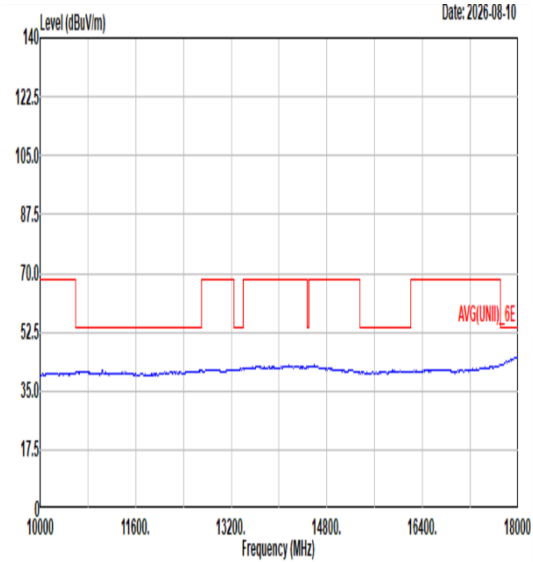
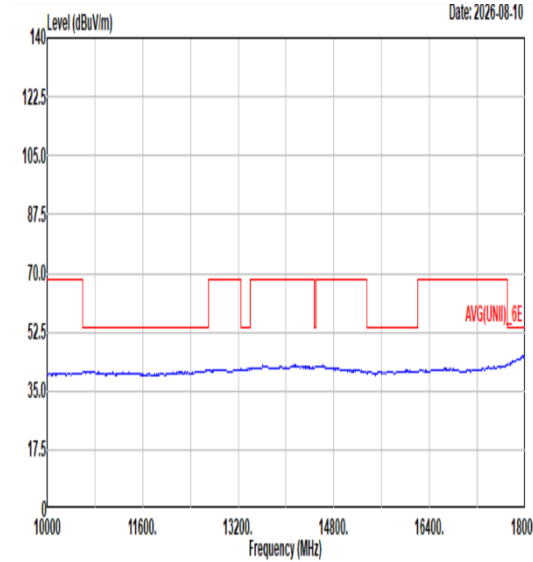
C2.Summary of each worse mode

Mode	Modulation	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
51	Proprietary	13370.00	40.2	54.00	-13.8	H	Peak.	Pass	Harmonic



Mode	51																																																																																																																																																																																																																																																																																																	
	Harmonic																																																																																																																																																																																																																																																																																																	
	U-NII-3_5.755-5.825_CH165_5825MHz+ U-NII-5~7_5.925-6.685_CH43+147_6165+6685MHz +CBRS 3680MHz																																																																																																																																																																																																																																																																																																	
ANT	CDD																																																																																																																																																																																																																																																																																																	
Pol.	Horizontal	Vertical																																																																																																																																																																																																																																																																																																
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Avg	Site : 03CH20-HY Condition: PEAK(UNII)_6E 1m BBH9170_1230_251105 HORIZONTAL <table><tr><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>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th><th></th></tr><tr><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></th></tr><tr><td>1</td><td>3690.00</td><td>59.59</td><td>-----</td><td>46.15</td><td>29.70</td><td>10.69</td><td>36.88</td><td>0.00 -- -- Peak</td></tr><tr><td>2</td><td>5825.00</td><td>110.74</td><td>-----</td><td>92.06</td><td>34.15</td><td>12.30</td><td>37.78</td><td>0.29 -- -- Peak</td></tr><tr><td>3</td><td>6165.00</td><td>109.11</td><td>-----</td><td>90.11</td><td>34.13</td><td>12.63</td><td>37.76</td><td>0.28 -- -- Peak</td></tr><tr><td>4</td><td>6685.00</td><td>112.05</td><td>-----</td><td>90.35</td><td>35.87</td><td>13.20</td><td>37.00</td><td>0.71 -- -- Peak</td></tr><tr><td>5</td><td>11650.00</td><td>48.63</td><td>74.00 -25.37</td><td>34.62</td><td>38.70</td><td>17.38</td><td>42.59</td><td>0.52 400 69 Peak</td></tr><tr><td>6</td><td>11650.00</td><td>39.72</td><td>54.00 -14.28</td><td>25.71</td><td>38.70</td><td>17.38</td><td>42.59</td><td>0.52 400 69 Average</td></tr><tr><td>7</td><td>12330.00</td><td>49.58</td><td>74.00 -24.42</td><td>34.90</td><td>39.14</td><td>17.90</td><td>42.91</td><td>0.47 200 1 Peak</td></tr><tr><td>8</td><td>12330.00</td><td>39.82</td><td>54.00 -14.18</td><td>25.22</td><td>39.14</td><td>17.90</td><td>42.91</td><td>0.47 200 1 Average</td></tr><tr><td>9</td><td>13370.00</td><td>49.97</td><td>74.00 -24.03</td><td>34.00</td><td>39.94</td><td>18.67</td><td>43.05</td><td>0.41 400 272 Peak</td></tr><tr><td>10</td><td>13370.00</td><td>40.20</td><td>54.00 -13.80</td><td>24.23</td><td>39.94</td><td>18.67</td><td>43.05</td><td>0.41 400 272 Average</td></tr><tr><td>11</td><td>17475.00</td><td>50.62</td><td>88.20 -37.58</td><td>34.95</td><td>38.65</td><td>21.33</td><td>45.01</td><td>0.70 400 40 Peak</td></tr><tr><td>12</td><td>18495.00</td><td>38.05</td><td>74.00 -35.95</td><td>52.36</td><td>37.99</td><td>22.03</td><td>64.79</td><td>-9.54 150 171 Peak</td></tr><tr><td>13</td><td>20055.00</td><td>37.46</td><td>74.00 -36.54</td><td>50.02</td><td>37.91</td><td>22.96</td><td>63.89</td><td>-9.54 150 17 Peak</td></tr></table>	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB		1	3690.00	59.59	-----	46.15	29.70	10.69	36.88	0.00 -- -- Peak	2	5825.00	110.74	-----	92.06	34.15	12.30	37.78	0.29 -- -- Peak	3	6165.00	109.11	-----	90.11	34.13	12.63	37.76	0.28 -- -- Peak	4	6685.00	112.05	-----	90.35	35.87	13.20	37.00	0.71 -- -- Peak	5	11650.00	48.63	74.00 -25.37	34.62	38.70	17.38	42.59	0.52 400 69 Peak	6	11650.00	39.72	54.00 -14.28	25.71	38.70	17.38	42.59	0.52 400 69 Average	7	12330.00	49.58	74.00 -24.42	34.90	39.14	17.90	42.91	0.47 200 1 Peak	8	12330.00	39.82	54.00 -14.18	25.22	39.14	17.90	42.91	0.47 200 1 Average	9	13370.00	49.97	74.00 -24.03	34.00	39.94	18.67	43.05	0.41 400 272 Peak	10	13370.00	40.20	54.00 -13.80	24.23	39.94	18.67	43.05	0.41 400 272 Average	11	17475.00	50.62	88.20 -37.58	34.95	38.65	21.33	45.01	0.70 400 40 Peak	12	18495.00	38.05	74.00 -35.95	52.36	37.99	22.03	64.79	-9.54 150 171 Peak	13	20055.00	37.46	74.00 -36.54	50.02	37.91	22.96	63.89	-9.54 150 17 Peak	Site : 03CH20-HY Condition: PEAK(UNII)_6E 1m BBH9170_1230_251105 VERTICAL <table><tr><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>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th><th></th></tr><tr><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></th></tr><tr><td>1</td><td>3690.00</td><td>55.88</td><td>-----</td><td>42.44</td><td>29.70</td><td>10.69</td><td>36.88</td><td>0.00 -- -- Peak</td></tr><tr><td>2</td><td>5825.00</td><td>109.50</td><td>-----</td><td>90.82</td><td>34.15</td><td>12.30</td><td>37.78</td><td>0.29 -- -- Peak</td></tr><tr><td>3</td><td>6165.00</td><td>111.71</td><td>-----</td><td>92.71</td><td>34.13</td><td>12.63</td><td>37.76</td><td>0.28 -- -- Peak</td></tr><tr><td>4</td><td>6685.00</td><td>114.19</td><td>-----</td><td>92.49</td><td>35.87</td><td>13.20</td><td>37.00</td><td>0.71 -- -- Peak</td></tr><tr><td>5</td><td>11650.00</td><td>48.57</td><td>74.00 -25.43</td><td>34.56</td><td>38.70</td><td>17.38</td><td>42.59</td><td>0.52 300 287 Peak</td></tr><tr><td>6</td><td>11650.00</td><td>38.68</td><td>54.00 -15.32</td><td>24.67</td><td>38.70</td><td>17.38</td><td>42.59</td><td>0.52 300 287 Average</td></tr><tr><td>7</td><td>12330.00</td><td>48.98</td><td>74.00 -25.02</td><td>34.38</td><td>39.14</td><td>17.90</td><td>42.91</td><td>0.47 300 258 Peak</td></tr><tr><td>8</td><td>12330.00</td><td>39.09</td><td>54.00 -14.91</td><td>24.49</td><td>39.14</td><td>17.90</td><td>42.91</td><td>0.47 300 258 Average</td></tr><tr><td>9</td><td>13370.00</td><td>49.94</td><td>74.00 -24.06</td><td>33.97</td><td>39.94</td><td>18.67</td><td>43.05</td><td>0.41 188 360 Peak</td></tr><tr><td>10</td><td>13370.00</td><td>40.09</td><td>54.00 -13.91</td><td>24.12</td><td>39.94</td><td>18.67</td><td>43.05</td><td>0.41 188 360 Average</td></tr><tr><td>11</td><td>17475.00</td><td>50.95</td><td>88.20 -37.25</td><td>35.28</td><td>38.65</td><td>21.33</td><td>45.01</td><td>0.70 200 0 Peak</td></tr><tr><td>12</td><td>18495.00</td><td>37.93</td><td>74.00 -36.07</td><td>52.24</td><td>37.99</td><td>22.03</td><td>64.79</td><td>-9.54 150 138 Peak</td></tr><tr><td>13</td><td>20055.00</td><td>37.76</td><td>74.00 -36.24</td><td>50.32</td><td>37.91</td><td>22.96</td><td>63.89</td><td>-9.54 150 296 Peak</td></tr></table>	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB		1	3690.00	55.88	-----	42.44	29.70	10.69	36.88	0.00 -- -- Peak	2	5825.00	109.50	-----	90.82	34.15	12.30	37.78	0.29 -- -- Peak	3	6165.00	111.71	-----	92.71	34.13	12.63	37.76	0.28 -- -- Peak	4	6685.00	114.19	-----	92.49	35.87	13.20	37.00	0.71 -- -- Peak	5	11650.00	48.57	74.00 -25.43	34.56	38.70	17.38	42.59	0.52 300 287 Peak	6	11650.00	38.68	54.00 -15.32	24.67	38.70	17.38	42.59	0.52 300 287 Average	7	12330.00	48.98	74.00 -25.02	34.38	39.14	17.90	42.91	0.47 300 258 Peak	8	12330.00	39.09	54.00 -14.91	24.49	39.14	17.90	42.91	0.47 300 258 Average	9	13370.00	49.94	74.00 -24.06	33.97	39.94	18.67	43.05	0.41 188 360 Peak	10	13370.00	40.09	54.00 -13.91	24.12	39.94	18.67	43.05	0.41 188 360 Average	11	17475.00	50.95	88.20 -37.25	35.28	38.65	21.33	45.01	0.70 200 0 Peak	12	18495.00	37.93	74.00 -36.07	52.24	37.99	22.03	64.79	-9.54 150 138 Peak	13	20055.00	37.76	74.00 -36.24	50.32	37.91	22.96	63.89	-9.54 150 296 Peak
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Mode	51	
	Harmonic	
	U-NII-3_5.755-5.825_CH165_5825MHz+ U-NII-5~7_5.925-6.685_CH43+147_6165+6685MHz +CBRS 3680MHz	
ANT	CDD	
Pol.	Horizontal	Vertical
7G ~8G Avg	Level (dBuV/m) Date: 2026-08-10  Site : 03CH20-HY Condition: AVG(UNII)_6E 3m HF_91280_02360_251105 HORIZONTAL	Level (dBuV/m) Date: 2026-08-10  Site : 03CH20-HY Condition: AVG(UNII)_6E 3m HF_91280_02360_251105 VERTICAL
	Level (dBuV/m) Date: 2026-08-10  Site : 03CH20-HY Condition: AVG(UNII)_6E 3m HF_91280_02360_251105 HORIZONTAL	Level (dBuV/m) Date: 2026-08-10  Site : 03CH20-HY Condition: AVG(UNII)_6E 3m HF_91280_02360_251105 VERTICAL



Appendix B. Duty Cycle Plots

Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting
UNII-3	100	—	—	10Hz
UNII-5&7	100	—	—	10Hz

