



FCC RADIO TEST REPORT

FCC ID : 2A4B7-1021
Equipment : Contactless Sleep Tracker and Wake Light
Model Name : V4E6N2
Applicant : Blueberry Cornel LLC
2150 S. Central Expressway Suite 200
McKinney, TX 75070
Standard : FCC 47 CFR Part 15.255

The product was received on Jul. 22, 2024 and testing was performed from Jul. 30, 2024 to Aug. 17, 2024. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures ANSI C63.10-2020 and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FR1D2427-02	01	Initial issue of report	Sep. 19, 2024
FR1D2427-02	02	Revise Summary of Test Result and Section 3.4.3 This report is an updated version, replacing the report issued on Sep. 19, 2024.	Oct. 14, 2024
FR1D2427-02	03	Revise Summary of Test Result This report is an updated version, replacing the report issued on Oct. 14, 2024.	Oct. 28, 2024

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Limit	Result (PASS/FAIL)
-	§15.215(c) §15.255(c)(2)	Emission Bandwidth	20dB bandwidth Within 57 ~ 71GHz	Not Required
3.4	§15.255(c)(2)	Peak EIRP Power	EIRP < 10dBm Conducted power < -10dBm	Pass
3.5	§15.255(d)	Transmitter Spurious Emissions	§15.255(d)	Pass
-	§15.255(f)	Frequency Stability for Temperature & Voltage	Within 57 ~ 71GHz	Not Required
-	§15.207	AC Power Conducted Emission	§15.207	Not Required

Note:

1. Not required means after assessing, test items are not necessary to carry out.
2. Duty Cycle is changed from 18% to 28%
3. All the test cases were performed on original report which can be referred to Sporton Report Number FR1D2427-01G. Based on the original report, only worst case was verified.

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: Alan Liu

Report Producer: Ming Chen

1 General Description

1.1 Feature of Equipment Under Test

Product Feature	
Equipment	Contactless Sleep Tracker and Wake Light
Model Name	V4E6N2
FCC ID	2A4B7-1021
EUT supports Radios application	WLAN 11b/g/n HT20 WLAN 11a/n HT20 Bluetooth BR/EDR/LE 60GHz

1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Frequency Range	62 - 63.1GHz
Antenna Type	Embedded Antennas in the PCB
Antenna Gain	6dBi
Antenna directional gain	16.79dBi
Type of Modulation	SFCW

Note: Antenna directional gain = 6dBi + 10log (12 antenna elements) = 16.79dBi

1.3 Modification of EUT

No modifications are made to the EUT during all test items.



1.4 Testing Location

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.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No.
	03CH11-HY, 03CH18-HY

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

FCC designation No.: TW3786

1.5 Applied Standards

- ♦ FCC 47 CFR Part 2, 15.255
- ♦ KDB 364244 D01
- ♦ ANSI C63.10-2020

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

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.

For EIRP/transmitter spurious emissions

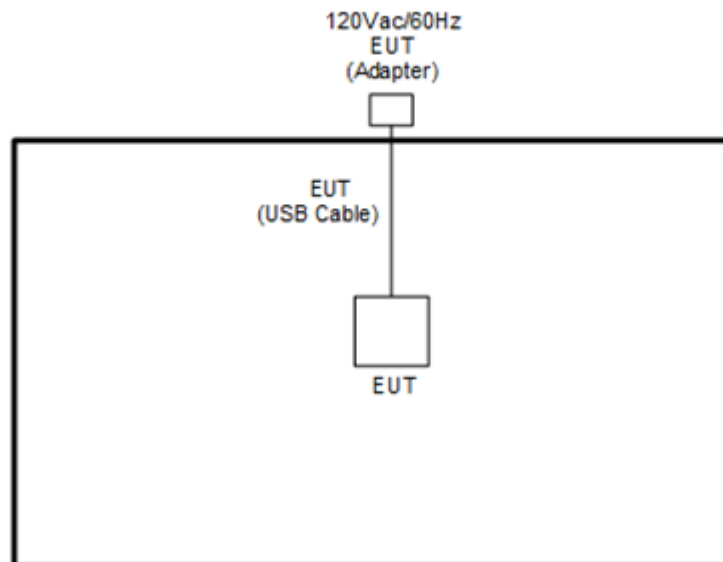
Test Configuration		
Mode 1	Antenna Group1 + Antenna Group2	62 ~ 63.1GHz

Note:

1. The SFCW is used during test.
2. Enable function that transmission was to transmit between Group1 and Group2 alternatively, so only EIRP and RSE are verified.

2.2 Connection Diagram of Test System

<60 GHz Tx Mode>



**2.3 Far Field Condition for Frequency above 18GHz**

Horn Antenna	Frequency (GHz)	Antenna Dimension A (mm)	Wavelength (λ) (m)	Far field R (m) $\geq 2A^2 / \lambda$	Measurement Distance (D) (m)
BBHA 9170	18	60	0.0167	0.43	1
	40	60	0.0075	0.96	
QWH-UPRR00	40	48	0.0075	0.61	0.87
	57	48	0.0053	0.87	
QWH-VPRR00	57	38	0.0053	0.54	0.62
	65	38	0.0046	0.62	
QWH-EPRR00	60	31	0.0050	0.38	0.6
	90	31	0.0033	0.6	
QWH-FPRR00	90	21	0.0033	0.26	0.43
	140	21	0.0021	0.42	
QWH-GPRR00	140	14	0.0021	0.18	0.27
	200	14	0.0015	0.26	

Note: The measurement distance may be far than the measurement distance above.

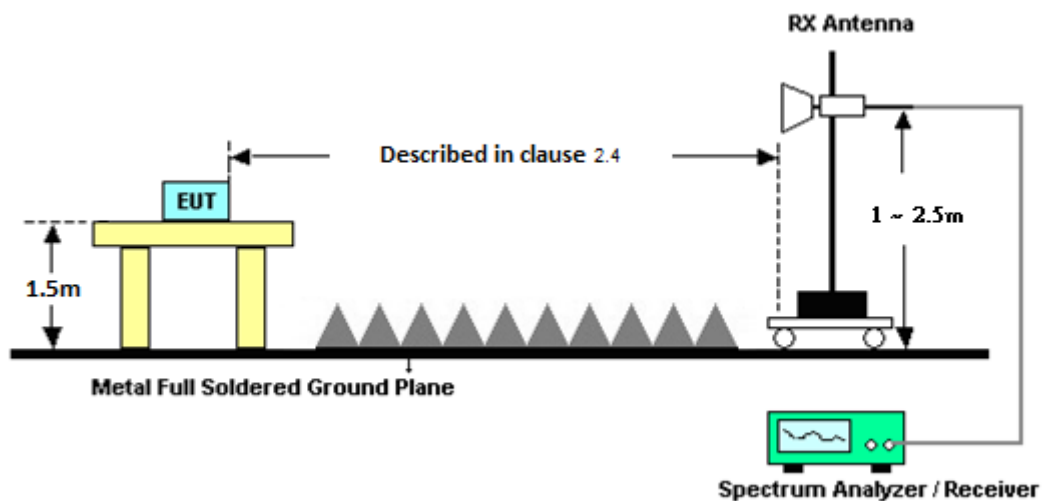
3 Radiated Test Items

3.1 Measuring Instruments

See list of measuring instruments of this test report.

3.2 Test Setup

For radiated emissions above 18GHz



3.3 Test Result of Radiated Test

Please refer to Clause 3.4.



3.4 EIRP Power Measurement

3.4.1 Limit of EIRP Power Measurement

Regulation	Product Type	Peak EIRP Power (dBm)	Peak Conducted power (dBm)
FCC 15.255(c)(2)	Field disturbance sensors	10	-10

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

1. The testing follows ANSI C63.10-2020 Section 9.8.
2. Set the maximum power setting and enable the EUT to SFCW mode.
3. The EUT is placed on a turntable with 1.5 meter respectively above ground.
4. The EUT is set 0.62 meters away from the receiving antenna, which is mounted on the top of a variable height antenna tower.
5. Use 50-75 GHz receiver antenna, mixer and spectrum analyzer.
6. The EUT is arranged to its worst case and then tune the antenna tower and turntable (from 0 degree to 360 degrees) to find the maximum reading.
7. The spectrum analyzer's resolution bandwidth (RBW) is set 1MHz and Video bandwidth (VBW) is set 3MHz.
8. Use mark Peak function to check result.
9. Measure and record the results in the test report.

**3.4.4 Test Results**

Temperature		20.5 ~ 22.3℃		Relative Humidity		56.1 ~ 63.7%	
Test Engineer		Eric Jeng					
Peak EIRP Power Measurement							
Frequency (GHz)	Measure Dist. (m)	Measure Ant Gain (dBi)		EIRP (dBm)		EIRP Limit (dBm) Peak	Result
62.55	0.62	22.6		2.05		10	PASS

Peak Conducted Power Measurement					
Frequency (GHz)	Peak EIRP (dBm)	Antenna gain(dBi)	Conducted power (dBm)	Limit (dBm)	Result
62.55	2.05	16.79	-14.74	-10	PASS

Note:

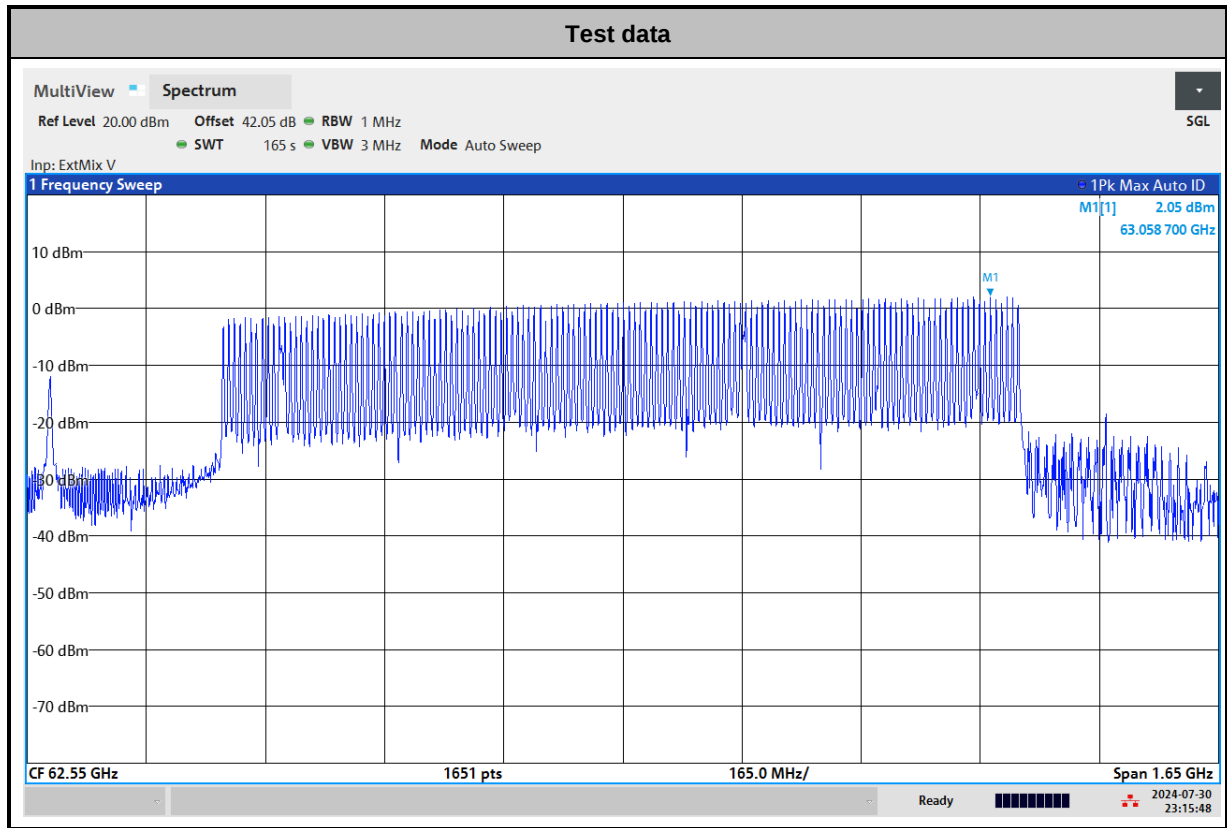
Total path loss = Air loss - Antenna Factor (dB) + Cable loss(dB) + desensitization correction factor(See section 3.5.5)

Ex:

Total path loss = 64.21 - 22.6 + 0.43 + 0.001 = 42.05



3.4.5 Test Plots



3.5 Transmit Spurious Emission

3.5.1 Limit of Radiated Spurious Emission

Frequency Range	Limit
Below 40GHz	Follow 15.209
Above 40GHz	90 pW/cm ² @ 3m (equivalent EIRP 102μW, -10dBm)
Note 1: For the applicable limit, see FCC 15.255 (d) Note 2: Spurious emissions shall not exceed the level of fundamental emission. Note 3: Per Part 15.215(c), the provisions in Part 15.35(b) and (c) that require emissions to be averaged over a 100 millisecond period and that limits the peak power to 20 dB above the average limit do not apply to devices operating under paragraphs Part 15.255(c)(2) and (3) of this section.	

3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

The testing follows ANSI C63.10-2020 Section 9.10 and 9.11 and ANSI C63.10-2020 clause 4.1.5.2.8 and Annex L.

For above 40GHz emission:

$$\text{EIRP} = \text{Prx} - \text{Grx} + \text{Free space loss} = \text{Prx} - \text{Grx} + 20 \cdot \log(4 \pi d / \lambda) + \text{Path Loss}$$

Which

Prx = Read Level

Grx = Rx Antenna Gain

A distance factor is offset and formula is $20 \cdot \log(D1/D2)$

Which

$D1$ = Specification distance = 3m

$D2$ = Measurement distance

$$\text{Power Density (W/m}^2\text{)} = 10^{[(\text{EIRP}-30)/10]} / 4 \pi d$$

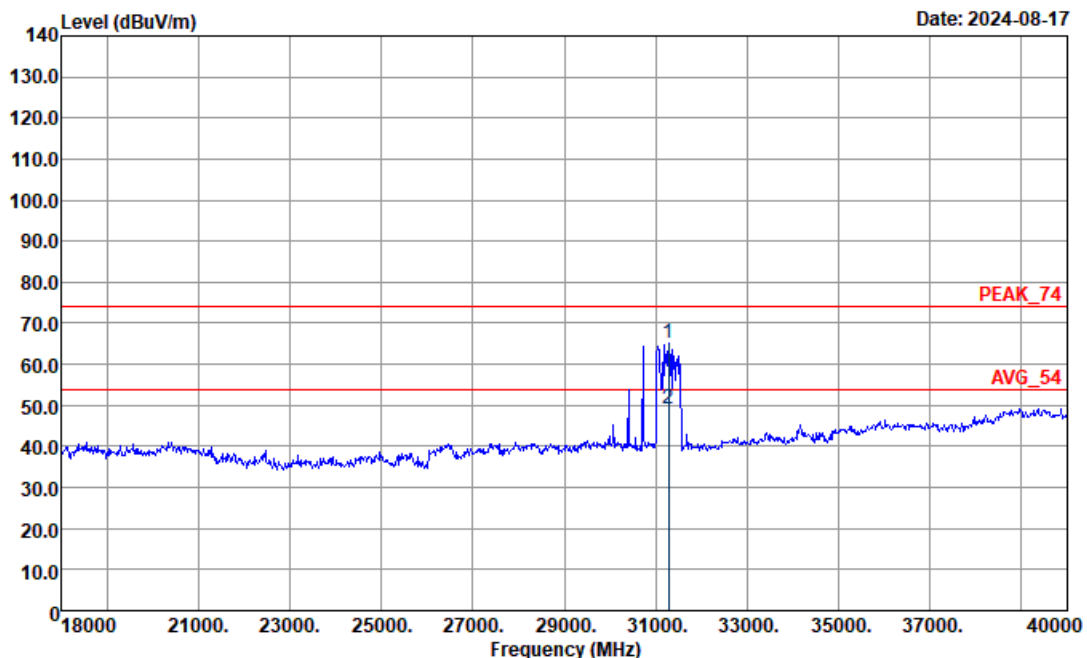
$$\text{Power Density (pW/cm}^2\text{)} = \text{Power Density (W/m}^2\text{)} \cdot 10^{(-8)}$$



3.5.4 Test Result

<18GHz to 40GHz>

Temperature	20.1 ~ 21.6℃	Relative Humidity	53.9 ~ 66.2%
Test Engineer	Fu Chen	Test Distance	1m
Test Range	18GHz to 40GHz	Test Polarization	Horizontal
Test Configuration	Mode 1: Antenna Group1 + Antenna Group2		
Remark	- Level (dBμV/m) = Read Level (dBμV) + Antenna Factor (dB) + Path Loss(dB) - Preamp Factor (dB) - Average Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Distance extrapolation factor (dB). - Peak Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Distance extrapolation factor (dB) + desensitization correction factor(See section 3.5.5) - The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.		

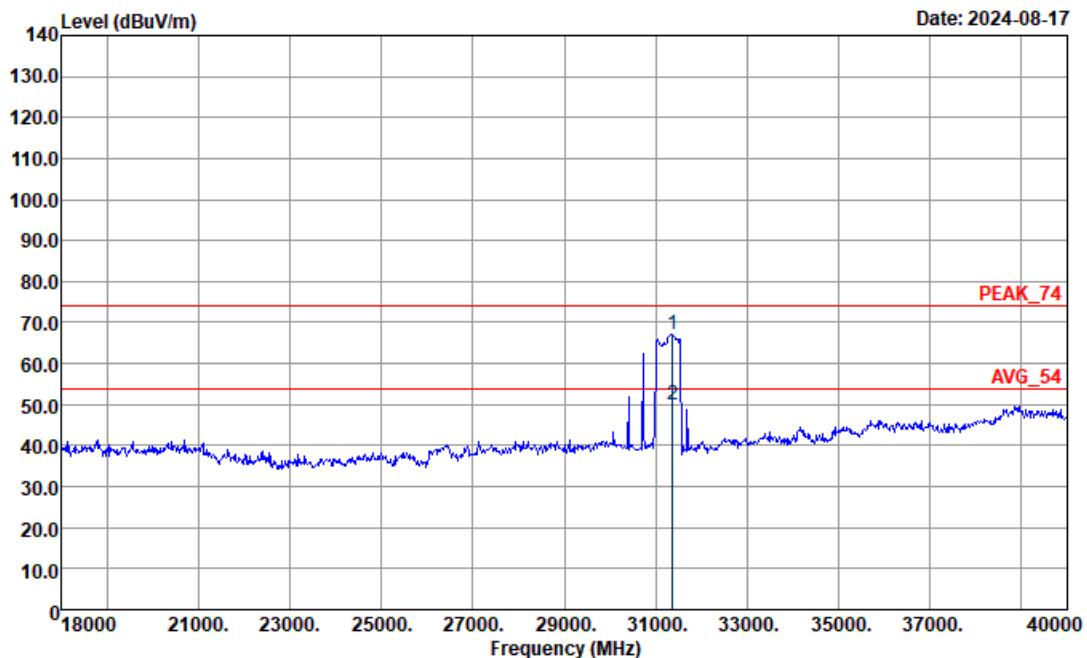


Site : 03CH11-HY
Condition : PEAK_74 1m SHF_1224_240624 HORIZONTAL
.:
Detector : Peak
Pretest : 1D2427-02

Mark	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1	31278	65	-9	74	64.45	41.2	22.51	63.16	150	179	Peak
2	31278	48.98	-5.02	54	48.43	41.2	22.51	63.16	150	179	Average



Temperature	20.1 ~ 21.6℃	Relative Humidity	53.9 ~ 66.2%
Test Engineer	Fu Chen	Test Distance	1m
Test Range	18GHz to 40GHz	Test Polarization	Vertical
Test Configuration	Mode 1: Antenna Group1 + Antenna Group2		
Remark	1. Level (dBμV/m) = Read Level (dBμV) + Antenna Factor (dB) + Path Loss(dB) - Preamp Factor (dB) 2. Average Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Distance extrapolation factor (dB). 3. Peak Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Distance extrapolation factor (dB) + desensitization correction factor(See section 3.5.5) 4. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.		



Site : 03CH11-HY
Condition : PEAK_74 1m SHF_1224_240624 VERTICAL
Detector : Peak
Pretest : 1D2427-02

Mark	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
1	31362	67.26	-6.74	74	67.14	40.78	22.51	63.17	150	188	Peak
2	31362	49.84	-4.16	54	49.72	40.78	22.51	63.17	150	188	Average



	Mode 1: Antenna Group1 + Antenna Group2	
	Horizontal	Vertical
38.6G ~40G Avg.	Level (dBuV/m) Date: 2024-08-16 Site : 03CH11-14Y Condition : PEAK_74 1m SHF_1224_240624 HORIZONTAL Detector : Peak Prefest : 1D2427-02	Level (dBuV/m) Date: 2024-08-16 Site : 03CH11-14Y Condition : PEAK_74 1m SHF_1224_240624 VERTICAL Detector : Peak Prefest : 1D2427-02

**<40GHz to 200GHz>**

Temperature	20.5 ~ 22.3℃	Relative Humidity	56.1 ~ 63.7%
Test Engineer	Eric Jeng	Test Range	40GHz to 200GHz
Test Configuration	Mode 1: Antenna Group1 + Antenna Group2		

Test Frequency (GHz)	Rx Antenna Gain (dBi)	Measurement Distance (m)	Read Worse Frequency (GHz)	Read Level (dBm)
40 - 57	22.64	0.87	43.1443	-88.81
EIRP (dBm)	Specification Distance (m)	Power Density (pW/cm ²)	Limit (pW/cm ²)	Test Result
-44.67	3	0.030168	90	PASS

Note: Path Loss = 0.43 dB; the calculate of λ using 57GHz as f.

Test Frequency (GHz)	Rx Antenna Gain (dBi)	Measurement Distance (m)	Read Worse Frequency (GHz)	Read Level (dBm)
71 - 90	22.4	0.6	71.3365	-88.55
EIRP (dBm)	Specification Distance (m)	Power Density (pW/cm ²)	Limit (pW/cm ²)	Test Result
-43.43	3	0.040137	90	PASS

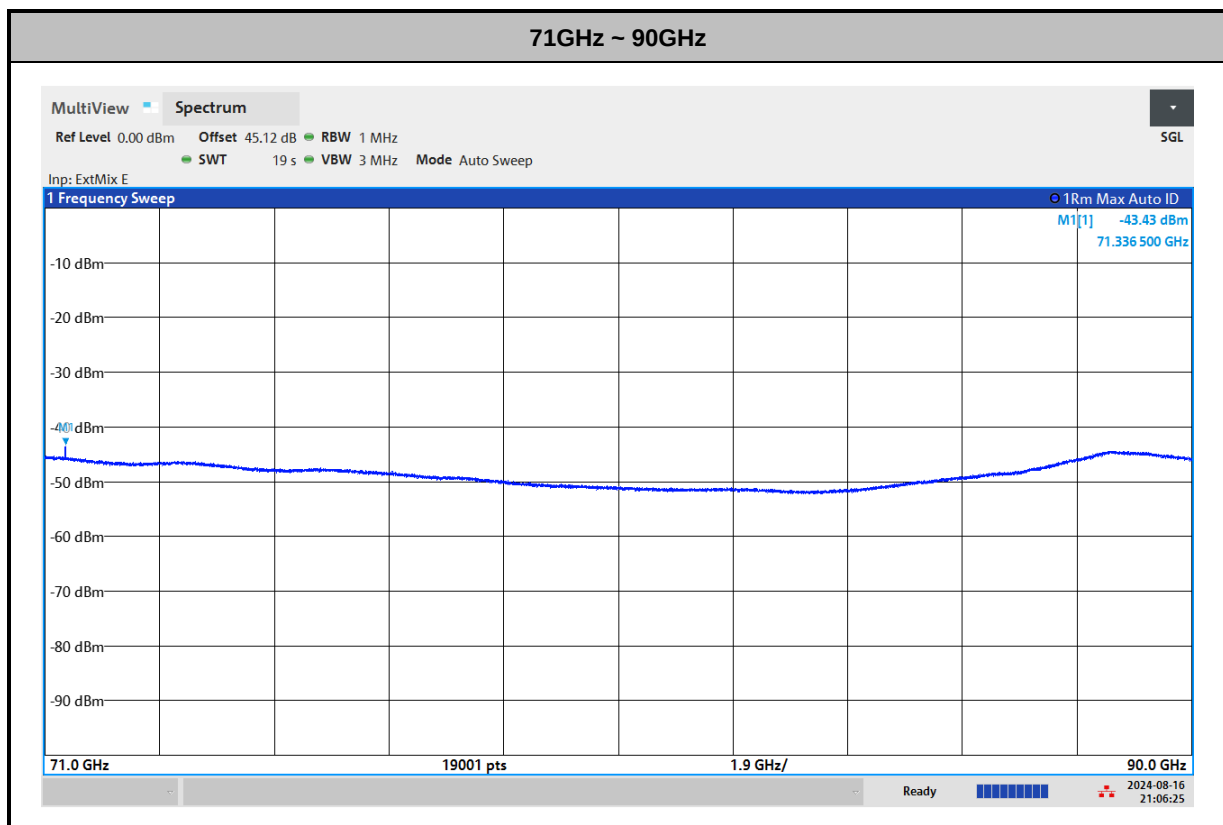
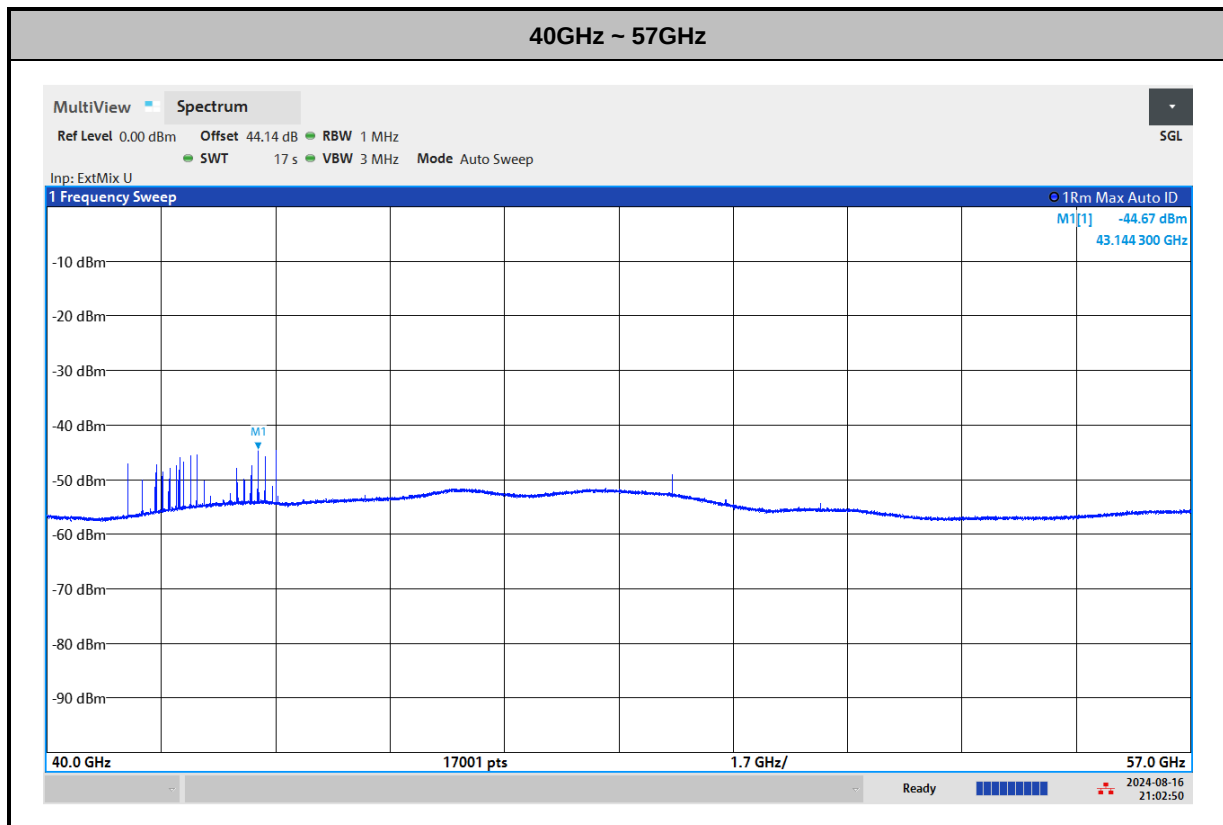
Note: Path Loss = 0.43 dB; the calculate of λ using 90GHz as f.

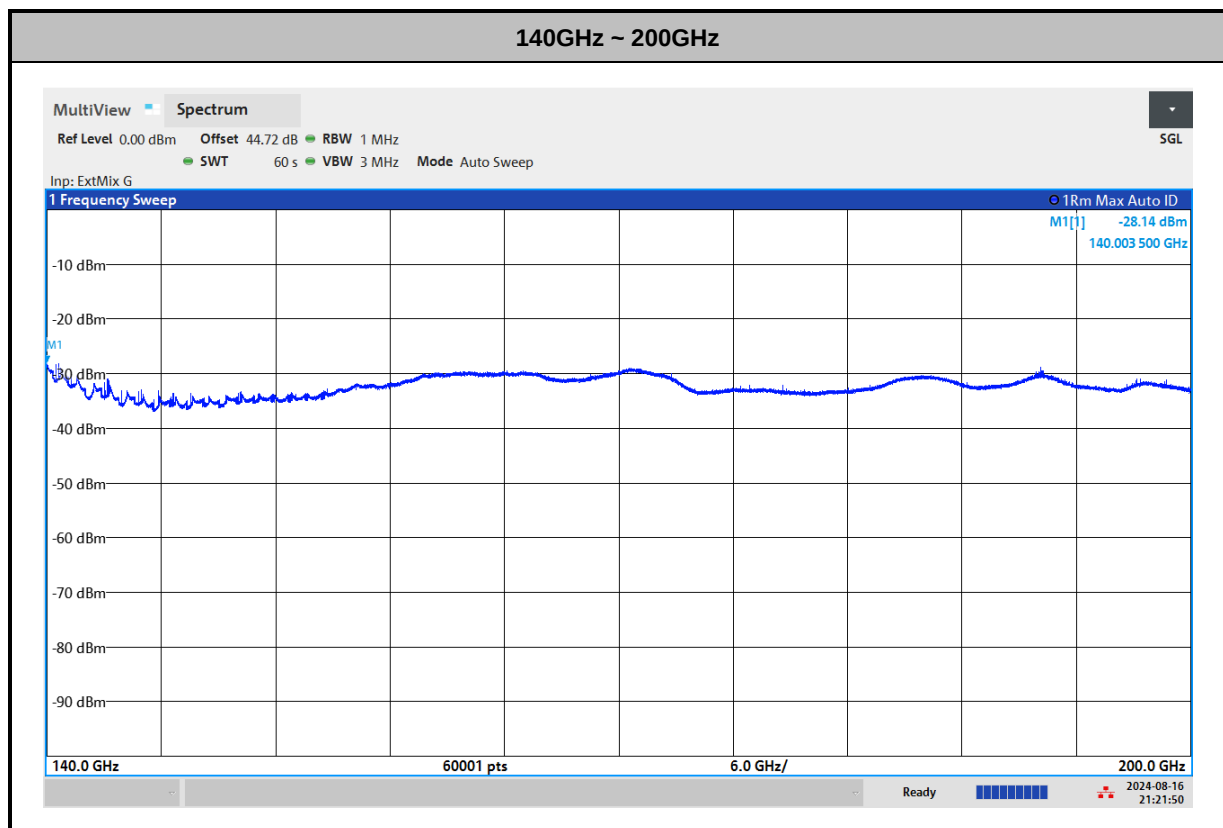
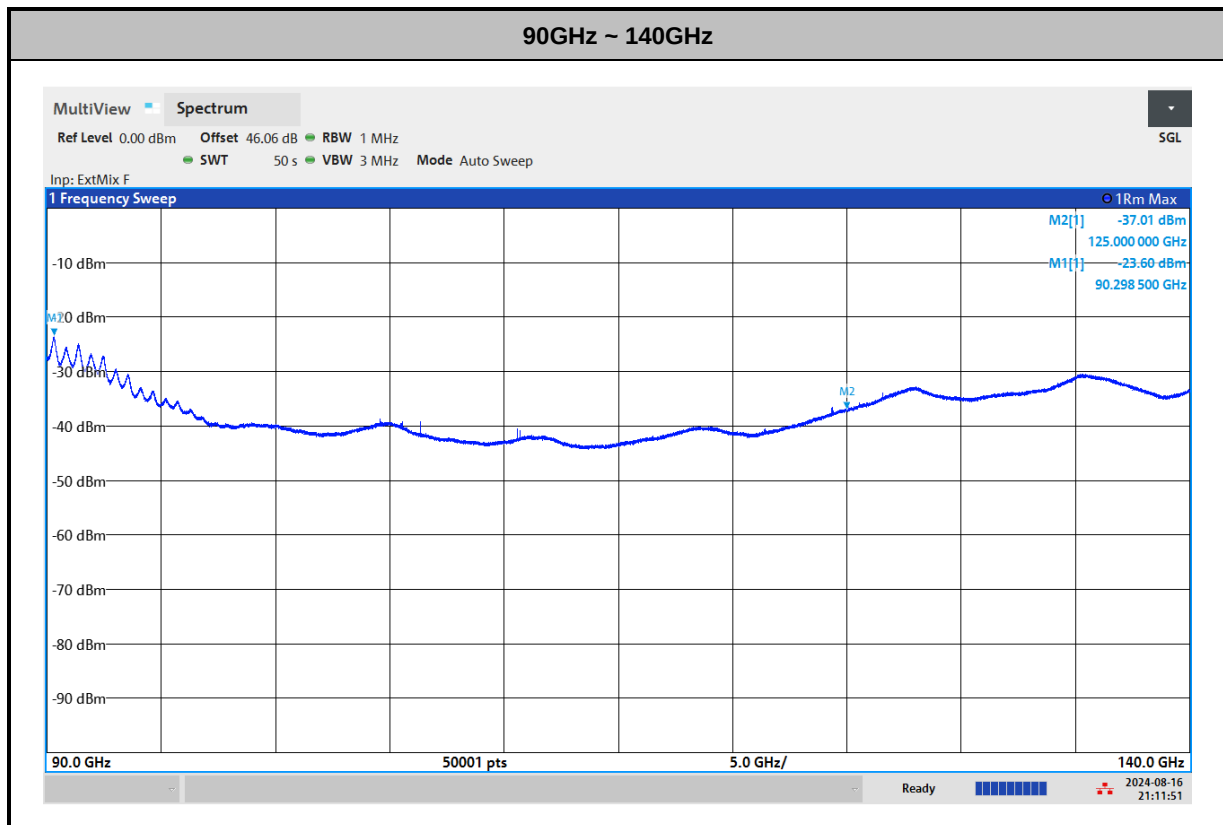
Test Frequency (GHz)	Rx Antenna Gain (dBi)	Measurement Distance (m)	Read Worse Frequency (GHz)	Read Level (dBm)
90 - 140	22.4	0.43	90.2985	-69.66
EIRP (dBm)	Specification Distance (m)	Power Density (pW/cm ²)	Limit (pW/cm ²)	Test Result
-23.6	3	3.859647	90	PASS

Note: Path Loss = 0.43 dB; the calculate of λ using 140GHz as f.

Test Frequency (GHz)	Rx Antenna Gain (dBi)	Measurement Distance (m)	Read Worse Frequency (GHz)	Read Level (dBm)
140 - 200	22.8	0.27	140.0035	-72.86
EIRP (dBm)	Specification Distance (m)	Power Density (pW/cm ²)	Limit (pW/cm ²)	Test Result
-28.14	3	1.356899	90	PASS

Note: Path Loss = 0.43 dB; the calculate of λ using 200GHz as f.



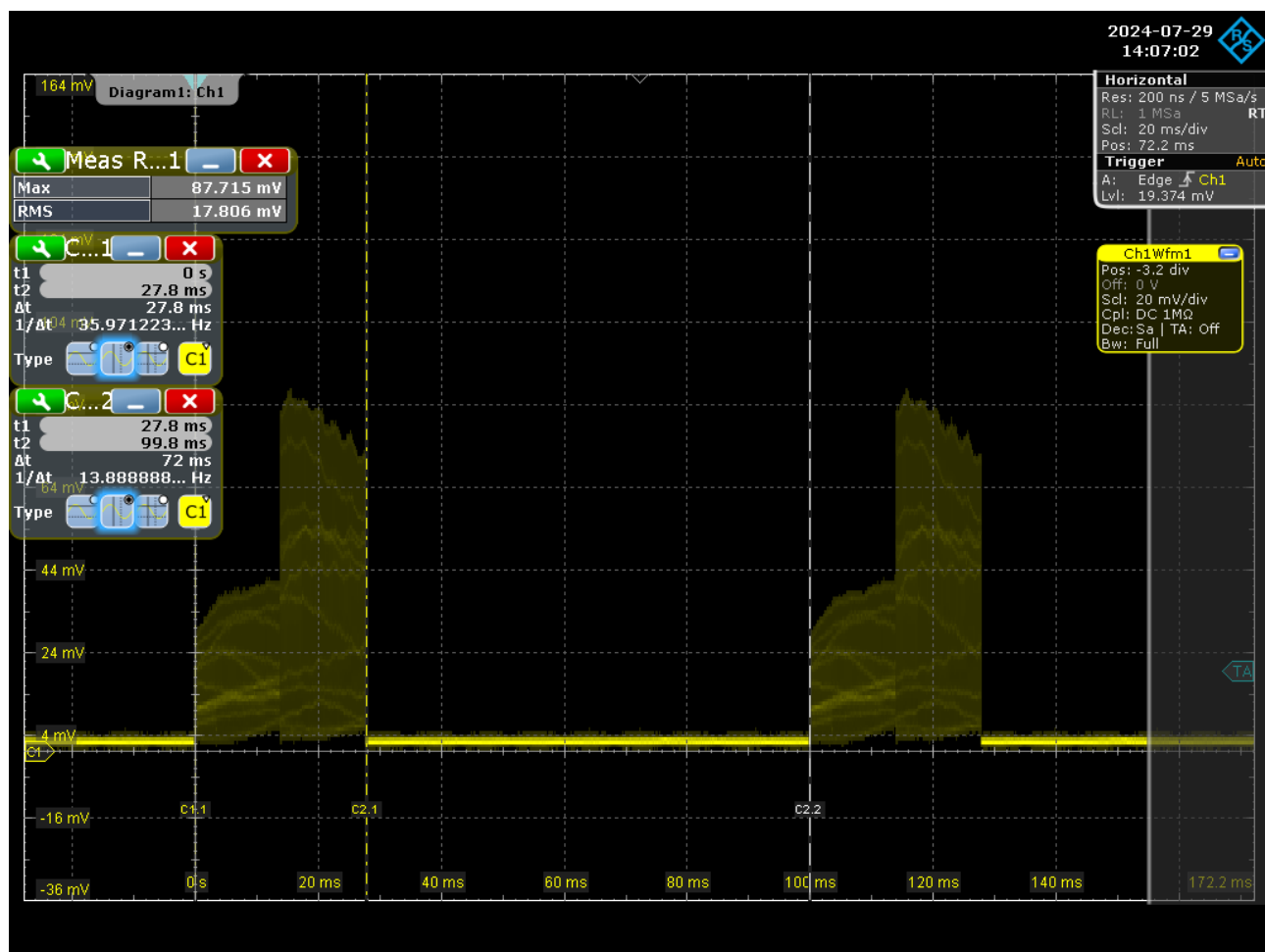




3.5.5 Desensitization correction factor

The desensitization factor is used for compensating peak value, while signal with frequency swept is used during transmitter spurious emissions test according to the ANSI C63.10-2020 clause 4.1.5.2.8 and Annex L.

Single ramp time (Chirp on)



Start Freq	Stop Freq	Cntr Freq	SFCW Width, (Fs)	Ramp Time, (Ts)	Sweep Rate	Sweep Rate	RBW	RBW	Normalized Sweep Rate	Desensitization correction factor	Desensitization correction factor
(GHz)	(GHz)	(GHz)	(MHz)	(us)	(MHz/us)	(Hz/s)	(MHz)	(Hz)	(lin)	(lin)	(dB)
62	63.1	62.55	1100	27800	0.04	3.96E+10	1.00	1.00E+6	0.04	1.00	0.001



Note:

1. Cntr Freq = (Start Freq + Stop Freq) / 2
2. SFCW Width, (Fs) = (Stop Freq - Start Freq) * 1000
3. Sweep Rate (MHz/us) = SFCW Width, (Fs) / Ramp Time, (Ts)
4. Normalized Sweep Rate (lin) = Sweep Rate (Hz/s) / [RBW (Hz)²]
5. Desensitization correction factor (lin) = $1 / ((1 + ((2 * \ln(2)) / 3.14)^2 * (\text{Normalized Sweep Rate (lin)}^2)))^{0.25}$
6. Desensitization correction factor (dB) = $|20 * \log(\text{Desensitization correction factor (lin)})|$

Ex:

1. Cntr Freq = (62 + 63.1) / 2 = 62.52
2. SFCW Width, (Fs) = (63.1 - 62) * 1000 = 1100
3. Sweep Rate (MHz/us) = 1100 / 27800 = 0.04
4. Normalized Sweep Rate (lin) = $3.96\text{E}+10 / [1.00\text{E}+06^2] = 0.04$
5. Desensitization correction factor (lin) = $1 / ((1 + ((2 * \ln(2)) / 3.14)^2 * (0.04^2)))^{0.25} = 1.00$
6. Desensitization correction factor (dB) = $|20 * \log(1.00)| = 0.001$



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1224	18GHz~40GHz	Jun. 24, 2024	Aug. 15, 2024 ~ Aug. 17, 2024	Jun. 23, 2025	Radiation (03CH11-HY)
Preamplifier	EMEC	EM18G40G	060875	18GHz~40GHz	Sep. 11, 2023	Aug. 15, 2024 ~ Aug. 17, 2024	Sep. 10, 2024	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 05, 2023	Aug. 15, 2024 ~ Aug. 17, 2024	Oct. 04, 2024	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Aug. 15, 2024 ~ Aug. 17, 2024	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Aug. 15, 2024 ~ Aug. 17, 2024	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Aug. 15, 2024 ~ Aug. 17, 2024	N/A	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Aug. 15, 2024 ~ Aug. 17, 2024	N/A	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTM-303B	TP140325	N/A	Dec. 08, 2023	Aug. 15, 2024 ~ Aug. 17, 2024	Dec. 07, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804013/2	30M~40G	May 23, 2024	Aug. 15, 2024 ~ Aug. 17, 2024	May 22, 2025	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz~40GHz	Mar. 06, 2024	Aug. 15, 2024 ~ Aug. 17, 2024	Mar. 05, 2025	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 06, 2024	Aug. 15, 2024 ~ Aug. 17, 2024	Mar. 05, 2025	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	30M~40G	Mar. 06, 2024	Aug. 15, 2024 ~ Aug. 17, 2024	Mar. 05, 2025	Radiation (03CH11-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	Rohde & Schwarz	FSV3044	101009	9kHz to 44GHz	Nov. 17, 2023	Jul. 30, 2024 ~ Aug. 16, 2024	Nov. 16, 2024	Radiation (03CH18-HY)
Harmonic Mixer*	Rohde & Schwarz	RPG FS-Z60	100986	40GHz to 60GHz	Oct. 31, 2023	Jul. 30, 2024 ~ Aug. 16, 2024	Oct. 30, 2026	Radiation (03CH18-HY)
Harmonic Mixer	Rohde & Schwarz	RPG FS-Z75	101557	50 GHz to 75 GHz	Jan. 04, 2024	Jul. 30, 2024 ~ Aug. 16, 2024	Jan. 03, 2027	Radiation (03CH18-HY)
Harmonic Mixer*	Rohde & Schwarz	FSZ-90	101811	60GHz to 90GHz	Oct. 31, 2023	Jul. 30, 2024 ~ Aug. 16, 2024	Oct. 30, 2026	Radiation (03CH18-HY)
Harmonic Mixer*	Rohde & Schwarz	RPG FS-Z140	101128	90GHz to 140GHz	Oct. 27, 2023	Jul. 30, 2024 ~ Aug. 16, 2024	Oct. 26, 2024	Radiation (03CH18-HY)
Harmonic Mixer	Rohde & Schwarz	RPG FS-Z220	101014	140GHz to 220GHz	Oct. 27, 2023	Jul. 30, 2024 ~ Aug. 16, 2024	Oct. 26, 2024	Radiation (03CH18-HY)
Antenna	Quinstar	QWH-UPRR00	1410300003	40-60 GHz	Jun. 27, 2024	Jul. 30, 2024 ~ Aug. 16, 2024	Jun. 26, 2025	Radiation (03CH18-HY)
Antenna	Quinstar	QWH-VP RR00	1371800008	50-75 GHz	Jun. 27, 2024	Jul. 30, 2024 ~ Aug. 16, 2024	Jun. 26, 2025	Radiation (03CH18-HY)
Antenna	Quinstar	QWH-EPRR00	1372000000	60-90 GHz	Jun. 27, 2024	Jul. 30, 2024 ~ Aug. 16, 2024	Jun. 26, 2025	Radiation (03CH18-HY)
Antenna	Quinstar	QWH-FPRR00	1011500008	90-140 GHz	Jun. 27, 2024	Jul. 30, 2024 ~ Aug. 16, 2024	Jun. 26, 2025	Radiation (03CH18-HY)
Antenna	Quinstar	QWH-GPRR00	QWH-GPR R00-01	140-220 GHz	Jun. 27, 2024	Jul. 30, 2024 ~ Aug. 16, 2024	Jun. 26, 2025	Radiation (03CH18-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801607/2	N/A	Nov. 28, 2023	Jul. 30, 2024 ~ Aug. 16, 2024	Nov. 27, 2024	Radiation (03CH18-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519231/2	N/A	Nov. 28, 2023	Jul. 30, 2024 ~ Aug. 16, 2024	Nov. 27, 2024	Radiation (03CH18-HY)
Detector	Quinstars	QEA-FBFBVP	2672009	50 ~ 75 GHz	Jul. 09, 2024	Jul. 30, 2024 ~ Aug. 16, 2024	Jul. 08, 2025	Radiation (03CH18-HY)
Oscilloscope	Rohde & Schwarz	RTO 1002	400025	600MHz, 10GSa/sec	Sep. 20, 2023	Jul. 30, 2024 ~ Aug. 16, 2024	Sep. 19, 2024	Radiation (03CH18-HY)
Thermal Chamber	ESPEC	SU-641	92013721	-30℃ ~70℃	Oct. 11, 2023	Jul. 30, 2024 ~ Aug. 16, 2024	Oct. 10, 2024	Radiation (03CH18-HY)
AC Power Source	AC POWER	AFC-500W	F104070011	50Hz~60Hz	Sep. 22, 2023	Jul. 30, 2024 ~ Aug. 16, 2024	Sep. 21, 2024	Radiation (03CH18-HY)

Note: (*) Equipment manufacturer's Calibration Certificate.



5 Measurement Uncertainty

Test Item	Uncertainty
Radiated Emission Measurement (18 GHz ~ 40 GHz)	±5.3dB
Radiated Emission Measurement (40 GHz ~ 140 GHz)	±5.59dB
Radiated Emission Measurement (140 GHz ~ 200 GHz)	±6.57dB
Temperature	±0.58 °C

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

————THE END————