

TEST REPORT

Applicant Name: Anker Japan Co., Ltd.
Address: 8F, Akasaka Trust Tower, 2-17-22 Akasaka, Minato-ku, Tokyo
Report Number: 2504A36831E-RF-07

Test Standard (s)

Japan Item 8 of Article 2 Paragraph 1

Sample Description

Product Name: eufy Wall Light Cam S4
Model No.: T86C1
Trade Mark: eufy
Date Received: 2025-12-25
Report Date: 2026-02-10

Test Result:	The EUT complied with the standards above.
--------------	--

Prepared and Checked By:

Roger Ling

Roger.Ling
EMC Engineer

Approved By:

Bob.Liao

Bob.Liao
EMC Engineer

Note: This report must not be used by the customer to claim product certification, approval, or endorsement by A2LA, or any agency of the Federal Government. The information marked “#” is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Customer model name, addresses, names, trademarks etc. are included but no need marked.
This report cannot be reproduced except in full, without prior written approval of the Company. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

Shenzhen Accurate Technology Co., Ltd.

Floor 1, KuMaKe Building, Dongzhou Community, Guangming Street, Guangming District, Shenzhen, Guangdong, China.

Tel: +86 755-26503290

Web: www.atc-lab.com

TABLE OF CONTENTS

DOCUMENT REVISION HISTORY 4

GENERAL INFORMATION 5

 PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT) 5

 OBJECTIVE 5

 TEST METHODOLOGY 5

 TEST FACILITY 6

 MEASUREMENT UNCERTAINTY 6

SYSTEM TEST CONFIGURATION 7

 DESCRIPTION OF TEST CONFIGURATION 7

 TEST VOLTAGE# 7

 EQUIPMENT MODIFICATIONS 7

 EUT EXERCISE SOFTWARE 7

 SUPPORT EQUIPMENT LIST AND DETAILS 7

 EXTERNAL I/O CABLE 7

 BLOCK DIAGRAM OF TEST SETUP 7

SUMMARY OF TEST RESULTS 8

TEST EQUIPMENT LIST 9

FREQUENCY TOLERANCE 11

 LIMIT 11

 TEST PROCEDURE 11

 EUT SETUP 12

 TEST DATA 13

OCCUPIED BANDWIDTH 15

 LIMIT 15

 TEST PROCEDURE 15

 EUT SETUP 15

 TEST DATA 16

OUTPUT POWER, OUTPUT POWER TOLERANCE AND ANTENNA GAIN 17

 LIMIT 17

 TEST PROCEDURE 17

 EUT SETUP 17

 TEST DATA 18

UNWANTED EMISSION STRENGTH 19

 LIMIT 19

 TEST PROCEDURE 19

 EUT SETUP 19

 TEST DATA 21

TRANSMISSION TIME RESTRICTION 23

 LIMIT 23

 TEST PROCEDURE 23

 EUT SETUP 23

 TEST DATA 24

AUTOMATIC STOP FUNCTION RADIO WAVES 25

 LIMIT 25

 CONFIRMATION RESULT 25

INTERFERENCE PREVENTION FUNCTION..... 26

REQUIREMENT 26

TEST PROCEDURE 26

MEASUREMENT SYSTEM DIAGRAM 26

TEST RESULT 26

CONSTRUCTION PROTECTION CONFIRMATION..... 27

LIMIT 27

CONFIRMATION METHOD 27

EXHIBIT A-EUT PHOTOGRAPHS 28

EXHIBIT B-TEST SETUP PHOTOGRAPHS 29

DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
Rev.00	2504A36831E-RF-07	Original Report	2026-02-10

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product Name	eufy Wall Light Cam S4
Tested Model	T86C1
Voltage Range [#]	DC 5V from the adapter or Solar panel DC 3.6V from rechargeable battery

Radio Type		Radar
Technical Parameters	Frequency Range	57.1GHz-60.5GHz
	Modulation Technique	FMCW
	Emission Designator	N0N
	Declared Power [#]	1.5mW
	Antenna Specification [#]	Array Antenna, Gain: 7.17 dBi (It is provided by the applicant.)
Sample Serial Number		3F4N-1 (Assigned by ATC, Shenzhen)
Sample/EUT Status		Good condition

Objective

The objective of this current document is to demonstrate the EUT complies with Article 6-4-2 of Regulations for Enforcement of the radio law, as equipment type in Certification Ordinance Article 2-1-8 of Specific Radio Equipment Specified in Article 38-2-2 Paragraph 1 Item 1of the Radio Law; and Article 3 of MPT Notice No.42 of 1989 (latest version: MIC Notice No.301 of 2022).

Test Methodology

All measurements contained in this report were conducted with technical regulations of MIC Notice No.88 of 2004, Appendix No.22-16 (latest version: MIC Notice No.365 of 2020).

Test Facility

The test site used by Shenzhen Accurate Technology Co., Ltd. to collect test data is located on the Floor 1, KuMaKe Building, Dongzhou Community, Guangming Street, Guangming District, Shenzhen, Guangdong, China.

Measurement Uncertainty

Parameter		Uncertainty
Occupied Channel Bandwidth		5 %
RF Frequency		0.064×10^{-7}
Emissions, Radiated	30MHz - 1GHz	4.3 dB
	1GHz - 18GHz	4.9 dB
	18GHz - 26.5GHz	5.2 dB
	26.5GHz - 40GHz	4.6 dB
	40GHz - 60GHz	4.8 dB
	60GHz - 90GHz	4.9 dB
90GHz - 140GHz		5.5 dB
Temperature		1 °C
Humidity		7 %
Supply voltages		0.4 %

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in Engineering Mode, which was provided by the manufacturer.

Test Voltage[#]

The EUT in built a power manage system, power deviation of the RF chipset input is equal to or less than +/- 1% when extreme voltage supplied, therefore the test only performed at normal condition. Details as following:

Voltage Condition	Input(V _{DC})	RF System Voltage(V _{DC})
NV	3.60	3.3
LV	3.24	3.3
HV	3.96	3.3

Test voltage: DC 3.60V (Normal Voltage) (It is provided by the manufacturer.)

Equipment Modifications

No modification was made to the EUT tested.

EUT Exercise Software

No software was used in test. The EUT transmit when EUT was power up.

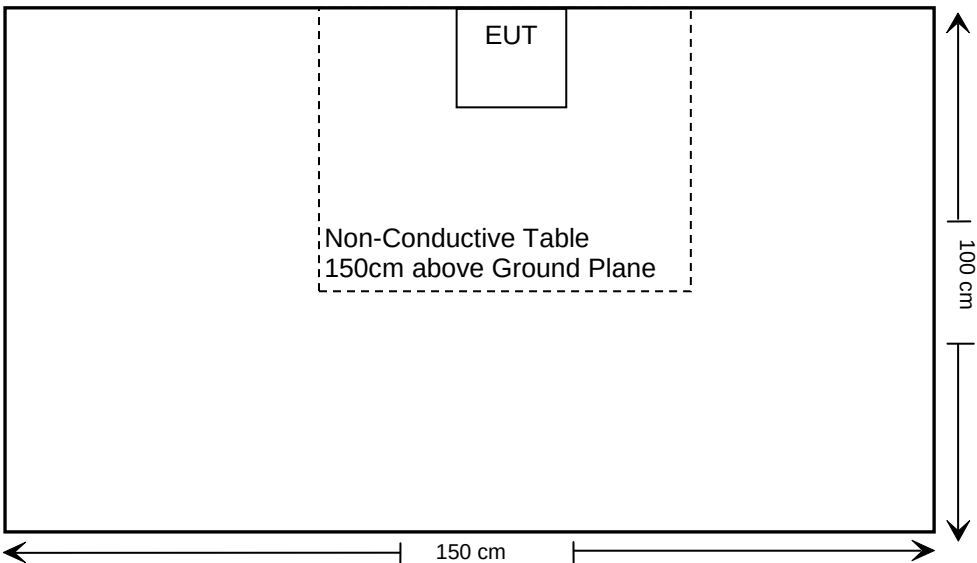
Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
/	/	/	/

External I/O Cable

Cable Description	Shielding Type	Length (m)	From Port	To
/	/	/	/	/

Block Diagram of Test Setup



SUMMARY OF TEST RESULTS

Items	Description of Test	Result
1	Frequency Tolerance	Compliance
2	Occupied Bandwidth	Compliance
3	Output Power, Output Power Tolerance and Antenna gain	Compliance
4	Unwanted Emission Strength	Compliance
5	Secondary Radiated Emission Strength	Not Applicable
6	Transmission time restriction	Compliance
7	Radio Emission Stop Function	Compliance
8	Interference Prevention Function	Compliance
9	Construction Protection Confirmation	Compliance

Not Applicable: EUT has no standalone receiving mode, receivers used in combination with permanently co-located transmitters continuously transmitting.

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Authority	Calibration Method
Radiated Spurious Emission Test(Below 1GHz)							
Rohde & Schwarz	Test Receiver	ESR	102725	2025/09/18	2026/09/17	BACL Cal	C
SONOMA INSTRUMENT	Amplifier	310N	186131	2025/03/26	2026/03/25	BACL Cal	C
Schwarzbeck	Bilog Antenna	VULB9163	9163-323	2024/08/08	2027/08/07	SCM	C
Unknown	RF Coaxial Cable	No.12	N040	2025/05/30	2026/05/29	BACL Cal	C
Unknown	RF Coaxial Cable	No.13	N300	2025/05/30	2026/05/29	BACL Cal	C
Unknown	RF Coaxial Cable	No.14	N800	2025/05/30	2026/05/29	BACL Cal	C
Test Software: e3 191218 (V9)						/	/
Radiated Spurious Emission Test(1GHz to 40GHz)							
Rohde & Schwarz	Spectrum Analyzer	FSV40	101949	2025/09/17	2026/09/16	BACL Cal	C
Decentest	Filter Switch Unit	DT7220FSU	DQ77927	2025/09/18	2026/09/17	BACL Cal	C
Decentest	Multiplex Switch Test Control Set	DT7220CSU	DQ77924	2025/09/18	2026/09/17	BACL Cal	C
A.H. Systems, inc.	Preamplifier	PAM-0118	226	2025/03/20	2026/03/19	BACL Cal	C
Schwarzbeck	Horn Antenna	BBHA9120D	837	2023/02/22	2026/02/21	BACL Cal	C
Unknown	RF Coaxial Cable	No.10	N050	2025/05/30	2026/05/29	BACL Cal	C
Unknown	RF Coaxial Cable	No.11	N1000	2025/05/30	2026/05/29	BACL Cal	C
Unknown	RF Coaxial Cable	No.19	N500	2025/05/30	2026/05/29	BACL Cal	C
Schwarzbeck	HORN ANTENNA	BBHA9170	9170-359	2023/12/12	2026/12/11	GRGTEST	C
BACL	Amplifier	BACL-1313-A1840	4012521	2025/05/30	2026/05/29	BACL Cal	C
Unknown	RF Coaxial Cable	No.15	N600	2025/05/30	2026/05/29	BACL Cal	C
Unknown	RF Coaxial Cable	No.16	N650	2025/05/30	2026/05/29	BACL Cal	C
Test Software: e3 191218 (V9)						/	/
Radiated Spurious Emission Test(Above 40GHz)							
Rohde & Schwarz	Spectrum Analyzer	FSV40	101949	2025/09/17	2026/9/16	BACL Cal	C
Agilent	Waveguide Mixer	11970V	2521A011775	2023/6/21	2026/6/20	CASIC203	C
Flann Microwave	Horn Antenna	861V/385	737	2023/3/2	2026/3/1	CASIC203	C
Resenberger	Coaxial Cable	LU7-022-1000	N1050	2025/3/10	2026/3/9	ATC	D
Resenberger	Coaxial Cable	LU7-022-1000	N1051	2025/3/10	2026/3/9	ATC	D
Agilent	Spectrum Analyzer	E4440A	MY44303355	2025/10/10	2026/10/09	CASIC203	C

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Authority	Calibration Method
OML	Waveguide Mixer	WR19/M19HWD	U60314-1	2023/3/27	2026/3/26	CASIC203	C
OML	Horn Antenna	M19RH	11649-02	2023/3/27	2026/3/26	CASIC203	C
OML	Waveguide Mixer	WR12/M12HWD	E60125-1	2023/3/16	2026/3/15	CASIC203	C
OML	Horn Antenna	M12RH	E60125-2	2023/3/16	2026/3/15	CASIC203	C
OML	Waveguide Mixer	WR08/M08HWD	F60320-1	2023/3/16	2026/3/15	CASIC203	C
OML	Horn Antenna	M08RH	F60320-2	2023/3/16	2026/3/15	CASIC203	C
Talent Microwave	G-Band Subbarmonic Mixer	TLHM-140220-0240-05	G60121-1	2023/3/16	2026/3/15	CASIC203	C
OML	Waveguide Mixer	WR05/M05HWD	G60121-1	2023/3/16	2026/3/15	CASIC203	C
OML	Horn Antenna	M05RH	G60121-2	2023/3/16	2026/3/15	CASIC203	C
Resenberger	Coaxial Cable	LU7-022-1000	N1200	2025/3/17	2026/3/16	ATC	D
LONGDATE	Vibration Tester	LD-F	200581801	2023/12/04	2026/12/03	BACL Cal	C
BACL	Temp. & Humid. Chamber	BTH-150-40	30192	2025/09/18	2026/09/17	BACL Cal	C
UNI-T	DC Power Supply	UTP1306S	2109D0903324	2025/03/26	2026/03/25	BACL Cal	C

*** Statement of Traceability:** Shenzhen Accurate Technology Co., Ltd. attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

Note

A. Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1)

B. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No.51of1992)

C. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph(1)

D. Calibration conducted by using measuring instruments and other equipment which shall have been given any of calibration, etc. listed above from A to C.

FREQUENCY TOLERANCE

Limit

- Within the designated frequency band: 57~64 GHz

Test Procedure

Spectrum Analyzer Conditions

- Span: Wide enough to capture the complete power envelope, including all sidebands
- RBW: 1MHz
- VBW: 1MHz
- Sweep time: Auto, Marker: Marker Off
- Log scal : 10dB/Div
- Data points : 501points (400 points or more)
- Detection: Positive Peak, Sweep mode: Continuous

1. EUT and measurement system setup as Measurement System Diagram;
2. Spectrum analyzer setup as Spectrum Condition;
3. EUT was set into operating mode;
4. Turn the turning table around;
5. Wait the trace of spectrum analyzer stabilization, marking as requirements;
6. Capture the trace or recorded the data.
7. Repeat under other environment conditions to measurement.

1. Vibration test:

Set the vibration test system as the table below:

Frequency	ASD(Acceleration Spectral Density) random vibration
From 5Hz to 20Hz	0.96m ² /s ³
Exceeding 20Hz to 500Hz	-3dB/Octave

Start the vibration test system,

Test the frequency tolerance,

Record the test result.

2. Temperature test

Place the device to be tested in the temperature and humidity tester in the non-operation state and set the temperature of the temperature and humidity tester to a low temperature while in this condition. The low temperature is 0℃, -10℃and -20℃, use the minimum value within the range of the specification of the device to be tested.

The high temperature is 40℃, 50℃and 60℃, use the highest value within the range of the specification of the device to be tested.

Leave it in this condition for 1hour.

Apply the prescribed power supply voltage to operate to device to be tested in the temperature and humidity tester.

Test the frequency tolerance,

Record the test result.

3. Humidity Test

Place the device to be tested in the temperature and humidity tester in the non-operating state. While this condition remains, set the temperature to 35°C and the relative humidity to 95% or the maximum or the maximum humidity in the specification of the device to be tested in the temperature and humidity tester. Leave it in this condition for 4 hours.

After this time, the setting of the temperature and humidity tester is changed back to the normal temperature and normal humidity and, after confirming that there is no condensation, operate the device to be tested by applying the prescribed power supply voltage.

Test the frequency tolerance,
Record the test result.

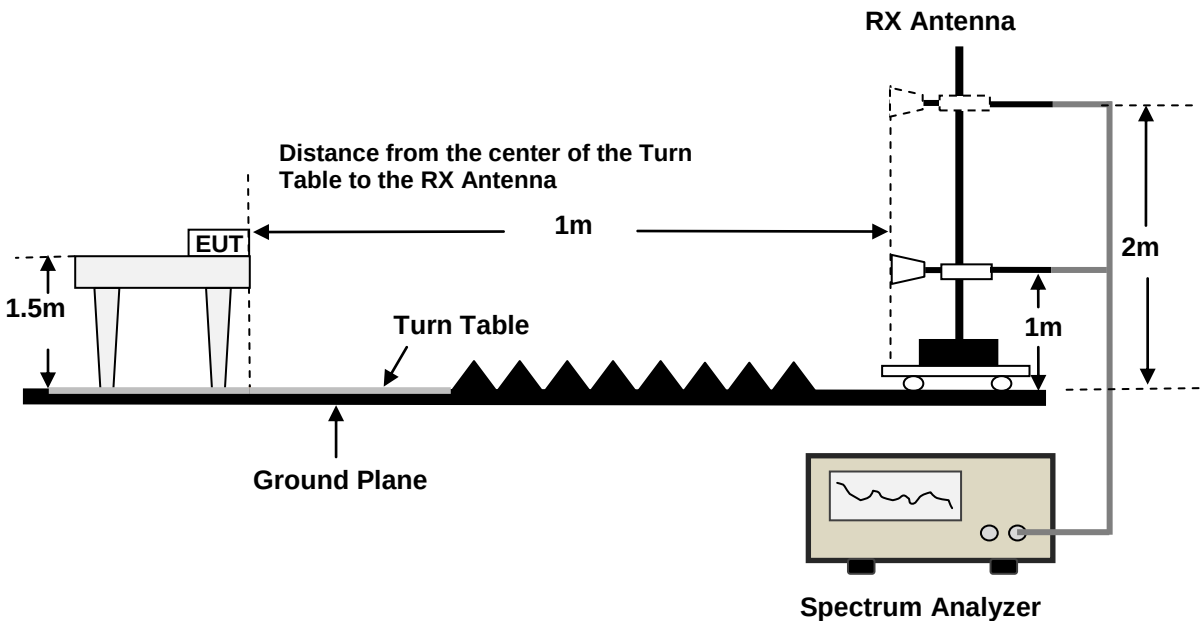
4. Voltage Fluctuation Test

Set the power supply to test voltage,
Test the frequency tolerance
Record the test result.

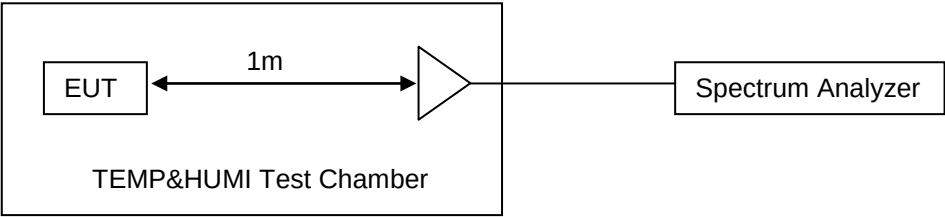
5. Test configuration:

Voltage Fluctuation Test	TC1	Temp: 25°C	3.6Vdc
	TC2		3.24Vdc
	TC3		3.96Vdc
Environment Test	TC4	Voltage: 3.6V _{DC}	Low Temp:-20°C
	TC5		High Temp: 50°C
	TC6	Voltage: 3.6V _{DC} ; Temp:35°C	Humidity: 95%
Vibration Test	TC7	Voltage: 3.6V _{DC} ; Temp: 25°C	Amplitude: 3mm
	TC8		Amplitude: 1mm

EUT Setup



Measurement System Diagram (Extreme temperature condition)



Test Data

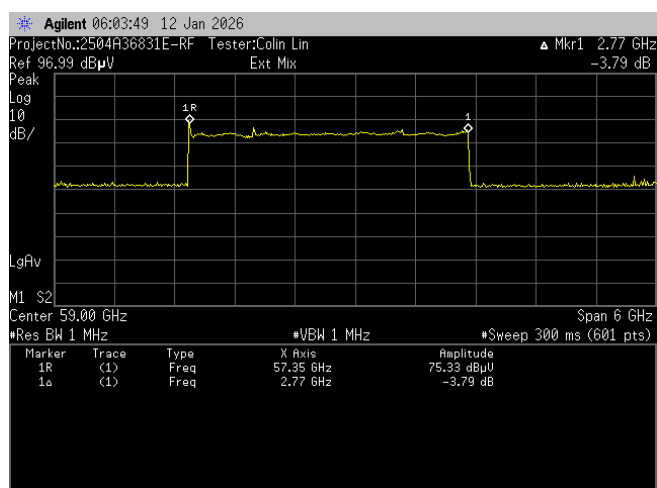
Environmental Conditions

Temperature:	20.1 to 222.1 °C
Relative Humidity:	45 to 248 %
ATM Pressure:	101.8 kPa
Test Engineer:	Colin Lin
Test Date:	2026-01-12 to 2026-01-13
EUT Operation Mode:	Transmitting

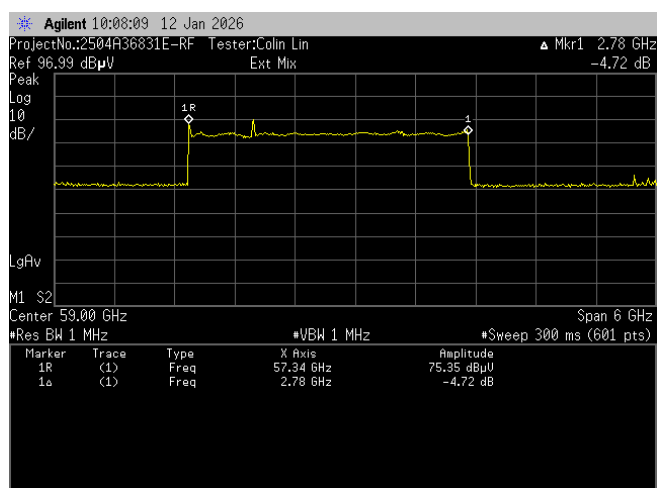
Test Result: Compliance, please refer to the below data.

Frequency Range (Modulated Signal)					
Test Condition	Mode	F _L (GHz)	F _H (GHz)	F _L Limit (GHz)	F _H Limit (GHz)
TC1	60G Radar	57.35	60.12	≥ 57	≤ 64
TC4	60G Radar	57.34	60.12	≥ 57	≤ 64
TC5	60G Radar	57.34	60.12	≥ 57	≤ 64
TC6	60G Radar	57.34	60.12	≥ 57	≤ 64
TC7	60G Radar	57.34	60.12	≥ 57	≤ 64
TC8	60G Radar	57.34	60.12	≥ 57	≤ 64

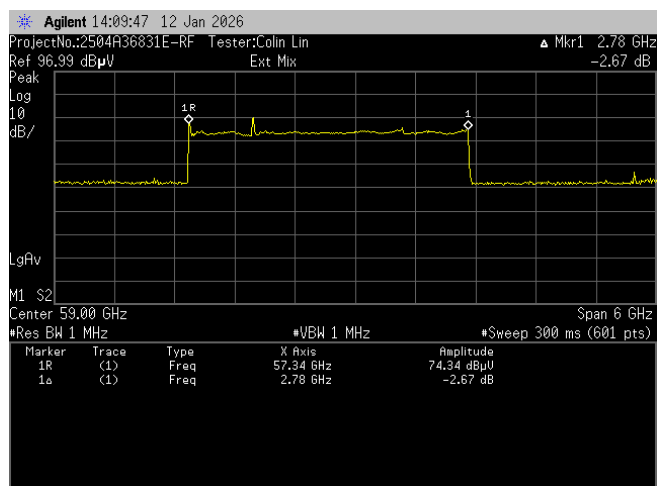
TC1



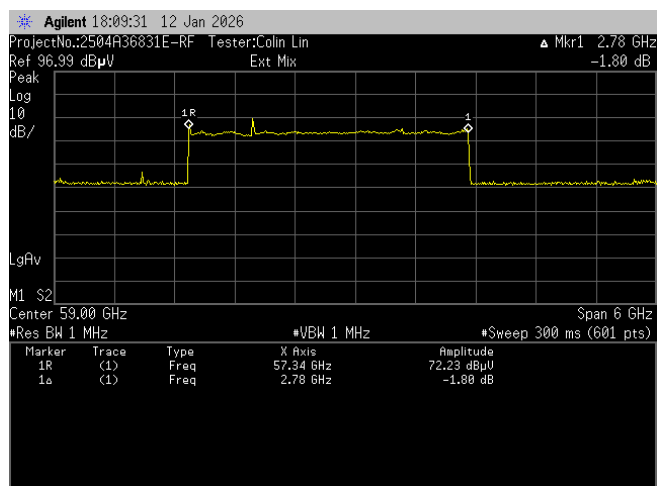
TC4



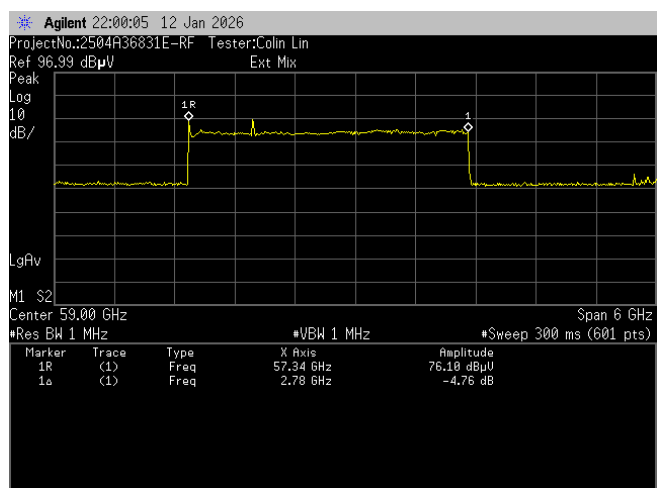
TC5



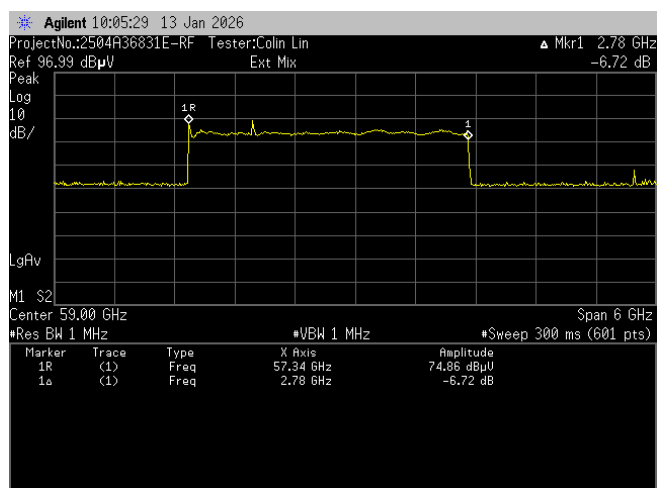
TC6



TC7



TC8



OCCUPIED BANDWIDTH

Limit

- Occupied bandwidth: 7 GHz

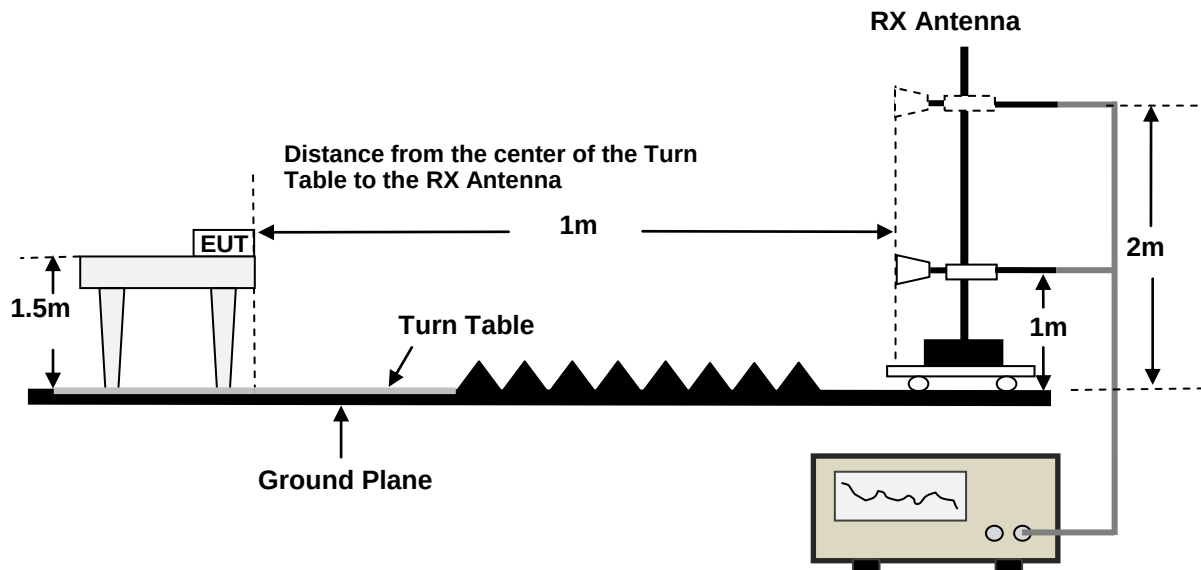
Test Procedure

Spectrum Analyzer Conditions

- Span: Wide enough to capture the complete power envelope, including all sidebands
- RBW: 1MHz, VBW: 1MHz
- Sweep time: Auto, Marker: Marker Off
- Log scal : 10dB/Div,
- Data points : 501points (400 points or more)
- Detection: Positive Peak
- Sweep mode: Continuous

1. EUT and measurement system setup as Measurement System Diagram;
2. Spectrum analyzer setup as Spectrum Condition;
3. EUT was set into operating mode;
4. Turn the turning table around;
5. Wait the trace of spectrum analyzer stabilization, marking as requirements;
6. Capture the trace or recorded the data.
7. Repeat under other voltage conditions to measurement.

EUT Setup



Test Data

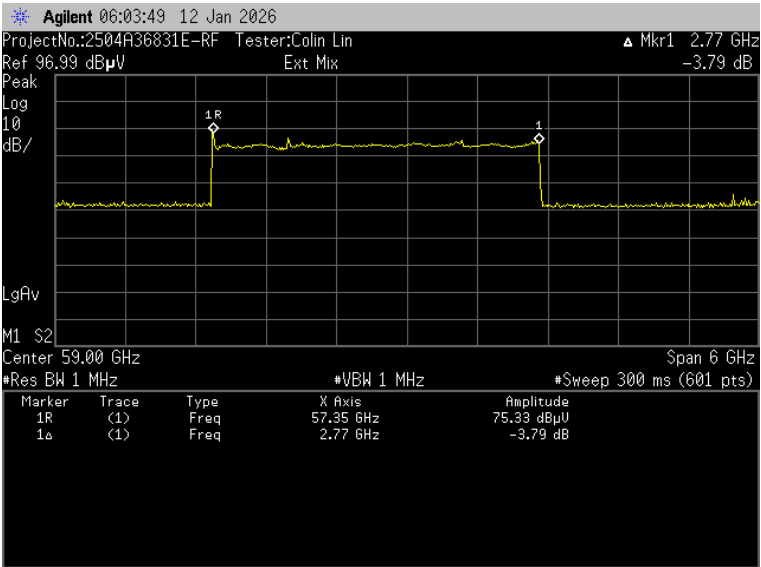
Environmental Conditions

Temperature:	20.1 °C
Relative Humidity:	45 %
ATM Pressure:	101.8 kPa
Test Engineer:	Colin Lin
Test Date:	2026-01-12
EUT Operation Mode:	Transmitting

Test Result: Compliance, please refer to the below data.

Test Condition: NV

Test Condition	Mode	Result (MHz)	Limit (MHz)
TC1	60G Radar	2770	≤ 7000



OUTPUT POWER, OUTPUT POWER TOLERANCE AND ANTENNA GAIN

Limit

- The output power should 10mW or less (Peak).
- The Output Power Tolerance must be within +50%, -70%
- EIRP should 13dBm or less.

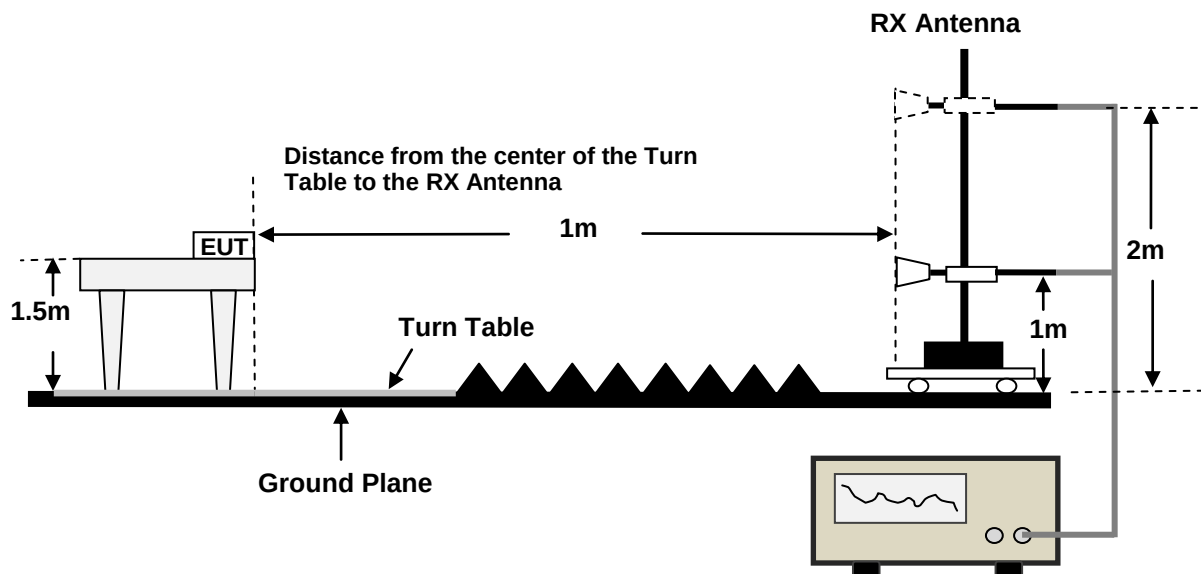
Test Procedure

Spectrum Analyzer Conditions

- Frequency Center: Frequency to measure
- RBW: 1MHz, VBW: 3MHz
- Sweep Mode: continues Sweep
- Detection: Peak
- Log scale: 10dB/Div
- Data points: 501points (400 points or more)
- Reference level: Enough level for maximum dynamic range

1. EUT and measurement system setup as Measurement System Diagram;
2. Spectrum analyzer setup as Spectrum Condition;
3. EUT was set into operating mode;
4. Turn the turning table around;
5. Wait the trace of spectrum analyzer stabilization, marking as requirements;
6. Capture the trace or recorded the data.
7. Repeat under other voltage conditions to measurement.

EUT Setup



Test Data

Environmental Conditions

Temperature:	21.2 °C
Relative Humidity:	45 %
ATM Pressure:	101.8 kPa
Test Engineer:	Colin Lin
Test Date:	2026-01-12
EUT Operation Mode:	Transmitting

Test Result: Compliance, please refer to the below data.

Test Condition	Frequency (GHz)	Receiver Reading (dBm)	Substituted Factor (dB)	Absolute Level (dBm)	EIRP Limit (dBm)	Margin (dB)
NV	58.73	-34.86	43.91	9.05	13	-3.95

Declared power [#] (mW)	Antenna gain [#] (dBi)
1.5	7.17

Test Condition	Frequency (GHz)	Conducted power (dBm)	Antenna output Peak power (mW)		Antenna output tolerance (%)		EIRP (dBm)
			Result	Limit	Result	Limit	Result
NV	58.73	1.88	1.542	≤ 10	2.8	-70~+50	9.05

Note 1: Absolute Level = Receiver Reading + Substituted Factor
Note 2: Antenna power = EIRP – Antenna Gain
Note 3: *Pre-scan with antenna polar horizontal and vertical and modulating the direction of the EUT, the worst case was in vertical.

UNWANTED EMISSION STRENGTH

Limit

- 55.62GHz or less: -30dBm/MHz or less
- Over 55.62GHz, 67.5GHz or less: -26dBm/MHz or less (except designated frequency band)
- Over 67.5GHz: -30dBm/MHz or less

Test Procedure

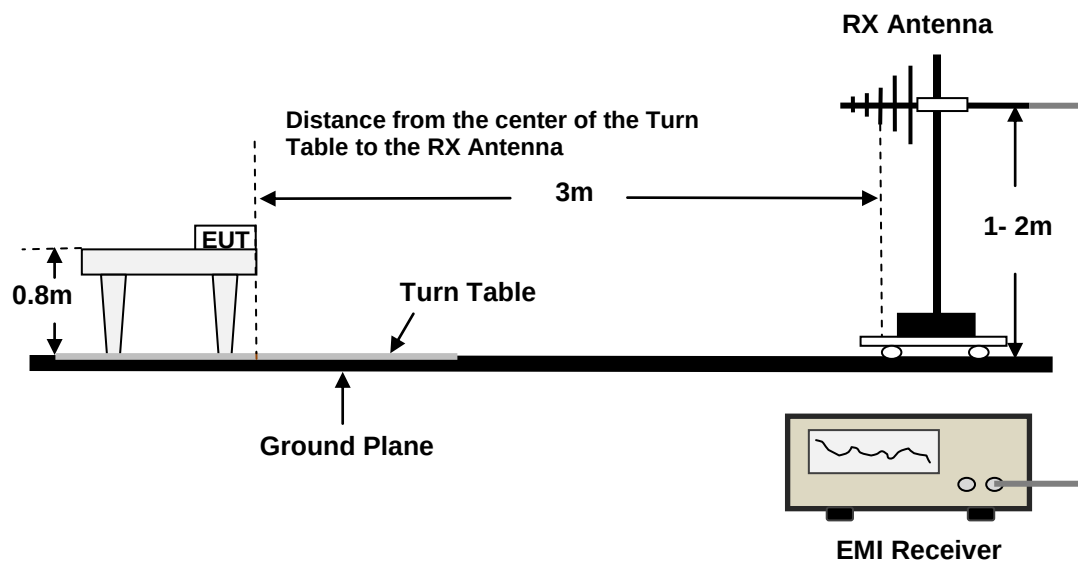
Spectrum Analyzer Conditions

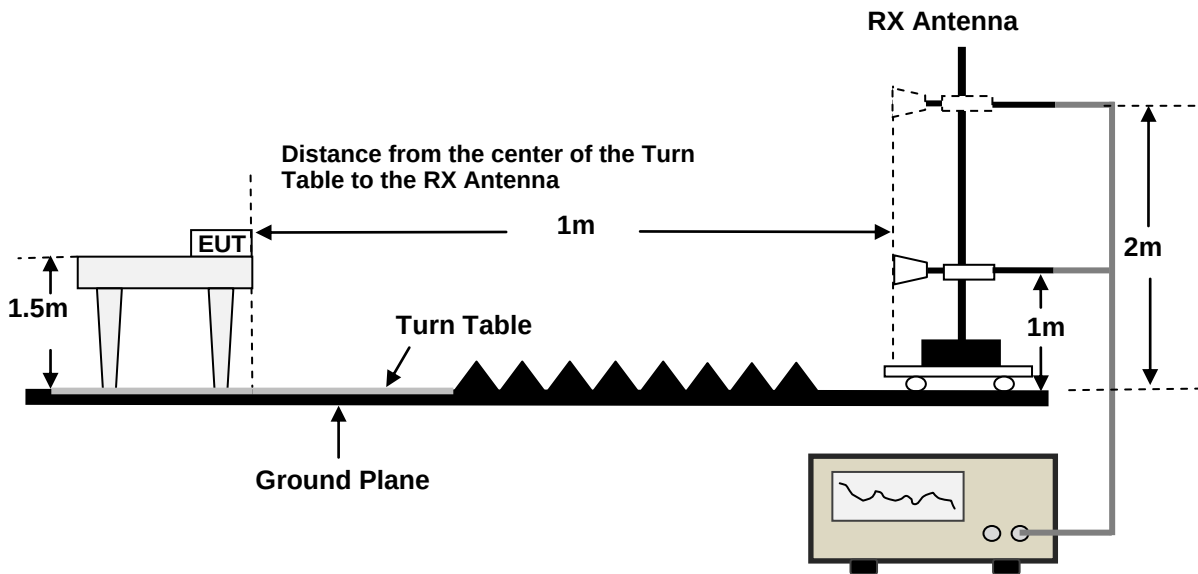
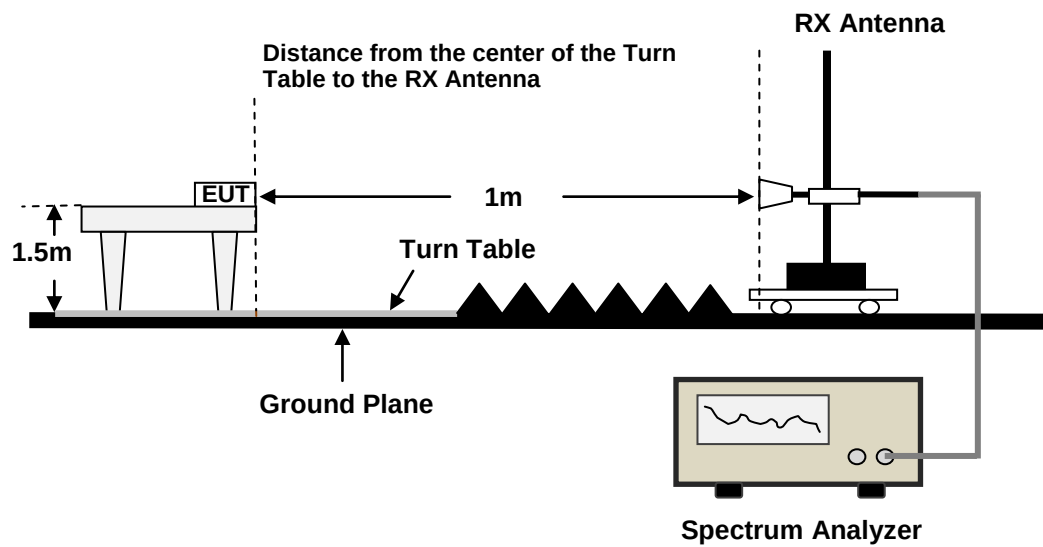
- Sweep the spectrum analyser (or equivalent equipment) over a frequency range and measure the power of spurious emission.

1. EUT and measurement system setup as Measurement System Diagram;
2. Spectrum analyzer setup as Spectrum Condition;
3. EUT was set into operating mode;
4. Turn the turning table around;
5. Wait the trace of spectrum analyzer stabilization, marking as requirements;
6. Capture the trace or recorded the data.
7. Repeat under other voltage conditions to measurement.

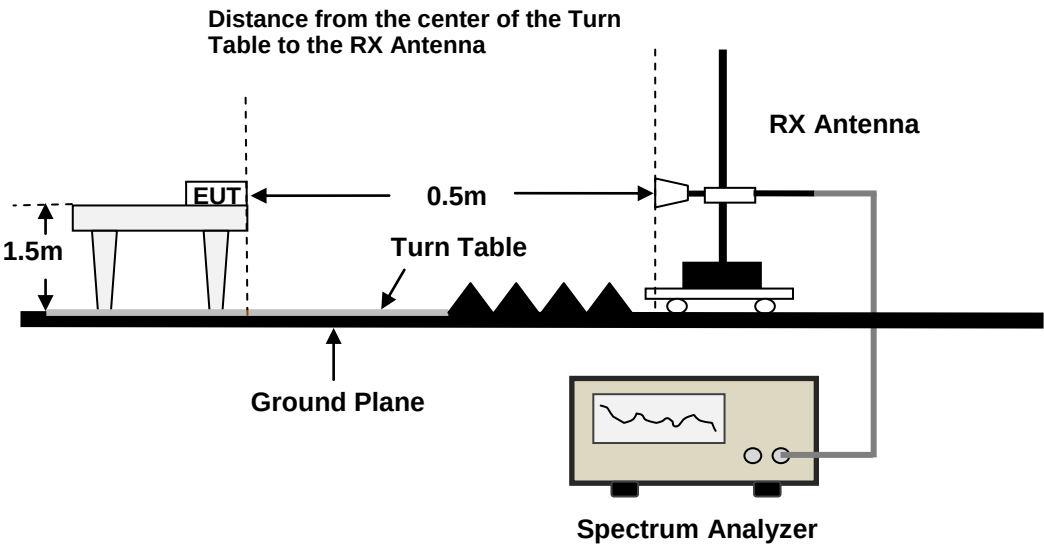
EUT Setup

30MHz - 1GHz:



1GHz - 40GHz:**40GHz - 90GHz:**

90GHz - 140GHz:



Test Data

Environmental Conditions

Temperature:	21.5 to 21.2 °C
Relative Humidity:	45 to 47 %
ATM Pressure:	101.8 kPa
Test Engineer:	Jayden Luo & Colin Lin
Test Date:	2026-01-13
EUT Operation Mode:	Transmitting

Test Result: Compliance, please refer to the below data.

Test Condition: NV

Frequency (MHz)	Receiver Reading (dBm)	Rx Antenna Polar (H/V)	Substituted Factor (dB)	Absolute Level (dBm)	Limit (dBm)	Margin (dB)
199.86	-71.79	H	-3.55	-75.34	-30	-45.34
640.06	-86.18	V	7	-79.18	-30	-49.18
220.27	-75.09	H	3.44	-71.65	-30	-41.65
677.21	-85.78	V	8.46	-77.32	-30	-47.32

Frequency (GHz)	Receiver Reading (dBm)	Rx Antenna Polar (H/V)	Substituted Factor (dB)	Absolute Level (dBm)	Limit (dBm)	Margin (dB)
41.35	-82.71	H	41.2	-41.51	-30	-11.51
40.86	-81.57	V	41.12	-40.45	-30	-10.45
56.45	-80.12	H	43.56	-36.56	-26	-10.56
56.33	-80.37	V	43.54	-36.83	-26	-10.83
64.39	-80.86	H	44.89	-35.97	-26	-9.97
64.83	-81.01	V	44.96	-36.05	-26	-10.05
75.24	-81.89	H	45.58	-36.31	-30	-6.31
75.36	-81.67	V	45.59	-36.08	-30	-6.08
90.22	-80.33	H	41.51	-38.82	-30	-8.82
90.98	-80.12	V	41.61	-38.51	-30	-8.51

Note 1: Absolute Level = Reading Level + Substituted Factor

Note 2: Substituted Factor Contains: Substituted Level - Cable Loss+ Antenna Gain

Note 3: Margin = Absolute Level - Limit

TRANSMISSION TIME RESTRICTION

Limit

- 3.3ms or less per 33ms

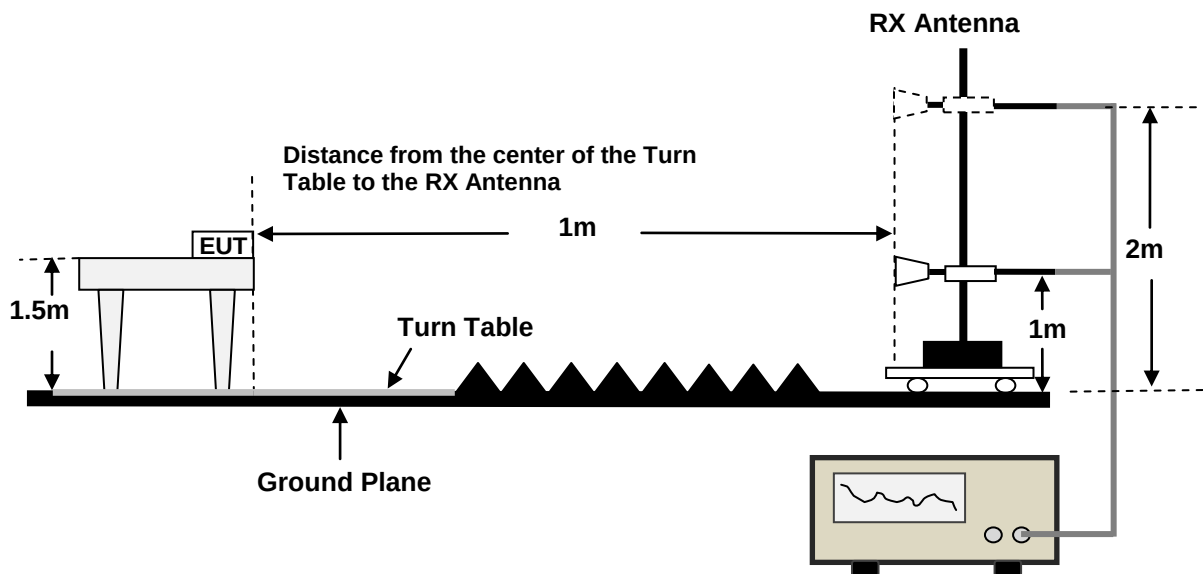
Test Procedure

Spectrum Analyzer Conditions

- Span: 0Hz
- RBW: 8MHz, VBW: 8MHz
- Sweep time: Wide enough to capture the complete duty cycle
- Log scal : 10dB/Div
- Data points : 501points (400 points or more)
- Detection: Positive Peak, Sweep mode: Single

1. EUT and measurement system setup as Measurement System Diagram;
2. Spectrum analyzer setup as Spectrum Condition;
3. EUT was set into operating mode;
4. Wait the trace of spectrum analyzer stabilization, marking as requirements;
5. Capture the trace or recorded the data

EUT Setup



Test Data

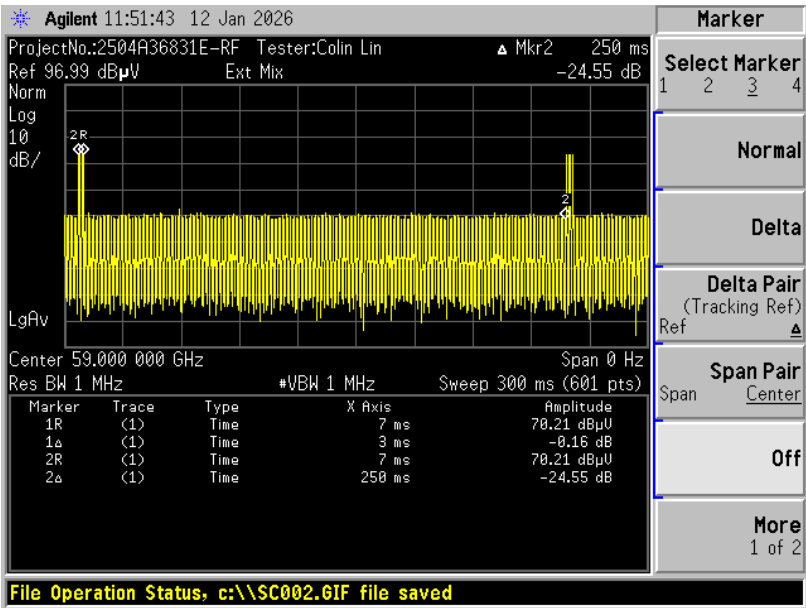
Environmental Conditions

Temperature:	20.1℃
Relative Humidity:	45 %
ATM Pressure:	101.8 kPa
Test Engineer:	Colin Lin
Test Date:	2026-01-12
EUT Operation Mode:	Transmitting

Test Result: Compliance, please refer to the below data.

Test Condition: NV

Test Frequency (GHz)	Observation Time (ms)	Transmitter On (ms)	Limit (MHz)
59.00	33	3	<3.3ms per 33ms



AUTOMATIC STOP FUNCTION RADIO WAVES

Limit

If there is a function to emit multiple radio waves from other wireless equipment housed in the same housing, stop emitting only radio waves of 57 to 64 GHz or stop emitting multiple radio waves including radio waves of that frequency have a function.

Confirmation Result

Compliance. Radar operating in the 57 to 64 GHz range cannot function simultaneously with other wireless functions.

INTERFERENCE PREVENTION FUNCTION

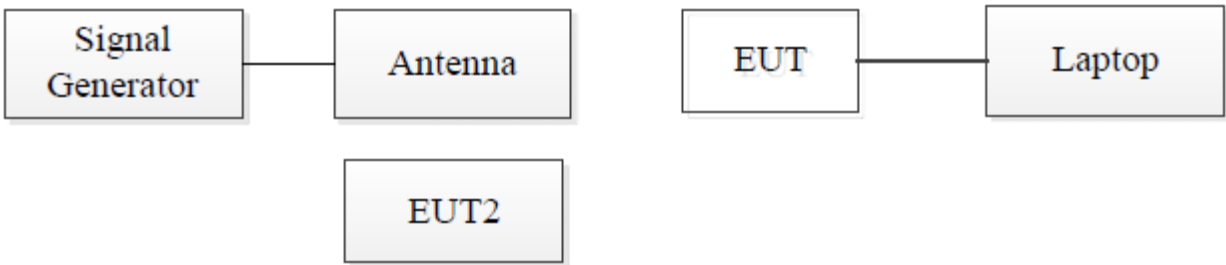
Requirement

The EUT shall have the interference prevention capability to transmit or to receive the identification automatically, so that sender and receiver shall exclude other equipment.

Test Procedure

1. Turn the SG on to transmit un-modulated signal, at the centre frequency, and check if any Identification error occurred.
2. Turn the EUT2 on to transmit the same modulated signal as EUT, and check if any Identification error occurred.

Measurement System Diagram



Test Result

Compliance, the EUT worked as usual, no Identification error occurred, the EUT can identify other radio station(s). When receiving signals that cannot be identified, it cannot function properly.

CONSTRUCTION PROTECTION CONFIRMATION

Limit

The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily.

Confirmation Method

The EUT's casing is secured with screws, making it difficult to disassemble. Please refer the EUT photo.

EXHIBIT A-EUT PHOTOGRAPHS

Please refer to the attachment 2501A02468E-RF-EXP External photo and 2501A02468E-RF-INP Internal photo.

EXHIBIT B-TEST SETUP PHOTOGRAPHS

Please refer to the Attachment No.1 2504A36831E-RF-07 Test Photos.

***** END OF REPORT *****