

FCC TEST REPORT

FCC ID: 2BXQX-SP800

Product : Fingerprint Padlock
Model Name : SP800, SP801, SP802, SP803, SP804, SP805, SP806, SP807, SP808, SP809
Brand : N/A
Report No. : SZNTT26035992E1-3

Prepared for

Shenzhen Xiaogou Wisdom Technology Co.Ltd.

**501, Plant 2, Jianghao (Bantian) Industrial Park, No.430,Jihua Rd., Bantian Community,
Bantian St., Longgang Dist., Shenzhen, Guangdong, China**

Prepared by

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1 TEST RESULT CERTIFICATION

Applicant's name : Shenzhen Xiaogou Wisdom Technology Co.Ltd.
Address : 501, Plant 2, Jianghao (Bantian) Industrial Park, No.430,Jihua Rd., Bantian
Community, Bantian St., Longgang Dist., Shenzhen, Guangdong, China
Manufacture's name : Shenzhen Xiaogou Wisdom Technology Co.Ltd.
Address : 501, Plant 2, Jianghao (Bantian) Industrial Park, No.430,Jihua Rd., Bantian
Community, Bantian St., Longgang Dist., Shenzhen, Guangdong, China
Product name : Fingerprint Padlock
Model number : SP800, SP801, SP802, SP803, SP804, SP805, SP806, SP807, SP808, SP809
Standards : FCC CFR47 Part 15 Section 15.225
Test procedure : ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024
Date of test : Jul. 28, 2026 to Sep. 09, 2026
Date of Issue : Sep. 09, 2026

This device described above has been tested by NTT, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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2 Test Summary

FCC CFR47 Part 15 Section 15.225			
Standard Section	Test Item	Result	Remark
15.203	Antenna requirement	PASS	
15.207	Conducted Emission	PASS	
15.225(d) 15.209	Radiated Spurious Emission	PASS	
15.215	Bandwidth	PASS	
15.225(d) 15.209	Restricted Spurious Emission	PASS	
15.225(e)	Frequency Stability Tolerance	PASS	

Remark:

1. "N/A" denotes test is not applicable in this Test Report.

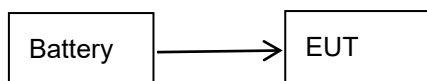
3 General Information

3.1 General Description of E.U.T.

Product Name	:	Fingerprint Padlock
Model Name	:	SP800
Sample ID	:	SZNTT26035992E1-3
Sample(s) Status:	:	N/A
Series Model	:	SP801, SP802, SP803, SP804, SP805, SP806, SP807, SP808, SP809
Model Different.:	:	All the model are the same circuit and RF module, only the model names are different. Test sample model: SP800
Operation Frequency	:	13.56 MHz
Number of Channel	:	1
Type of Modulation	:	ASK
Antenna installation	:	Internal antenna
Antenna Gain	:	1.0dBi
Power supply	:	DC 5V charging from adapter DC 3.7V by battery
Hardware Version	:	V1.0
Software Version	:	V1.0
Remark: the Antenna gain is provided by customer from Antenna spec. and the laboratory will not be responsible for the accumulated calculation results which covers the information provided by the applicant.		

3.2 Test Setup Configuration

Radiated Emission



Conducted Spurious



3.3 Test Mode

Transmitting mode	Keep the EUT in continuously transmitting mode.
Remark: During the test, the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just shows that condition's data.	

3.4 Test Site

Site Description

Accredited by ANAB, Dec. 19, 2025

The Certificate Registration Number is AT-3446

FCC Designation Number: CN3446

EMC Lab.

FCC Test Firm Registration Number: 129414

ISED CAB identifier: CN0199

ISED Company Number: 35943

Name of Firm

: Shenzhen NTT Testing Technology Co., Ltd.

1B, Building 2, Factory Building & 103, Building 3, Factory Building,

Site Location

: Dayang Industrial Park No.4, Industrial Avenue, Tangwei Community,

Fuhai Sub-district, Bao'an District, Shenzhen City, China

4 Equipment During Test

4.1 Equipments List

Conducted Test Site

Name	Model No.	Serial No.	Manufacturer	Date of Cal.	Due Date
944 Shielded Room	HSRCE944	/	HTEC	2025/4/30	2028/4/29
EMI Test Receiver	ESCI	100881/003	ROHDE&SCHW ARZ	2025/09/08 2026/09/04	2026/09/07 2027/09/03
LISN	AMN6500	101185	ROHDE&SCHW ARZ	2025/09/08 2026/09/04	2026/09/07 2027/09/03
LISN	NNLK 8129	00603	SCHWARZBECK	2025/09/08 2026/09/04	2026/09/07 2027/09/03
Pulse Limiters	VTSD 9561 F	00343	SCHWARZBECK	2025/09/08 2026/09/04	2026/09/07 2027/09/03
Cable	RG223-2M	/	RG	2025/09/08 2026/09/04	2026/09/07 2027/09/03

Radiated Test Site(Below 1G and Above 1G)&RF Test Site

Name	Model No.	Serial No.	Manufacturer	Date of Cal.	Due Date
966 Shielded Room	966 Room	/	EMToni	2025/7/24	2028/7/23
EMI Test Receiver	ESPI	101018	ROHDE&SCHW ARZ	2025/09/08 2026/09/04	2026/09/07 2027/09/03
Amplifi (30MHz-1GHz)	BBV 9745	00431	SCHWARZBECK	2025/09/08 2026/09/09	2026/09/07 2027/09/08
Bilog Antenna (30MHz-1GHz)	VULB9168	1858	SCHWARZBECK	2025/09/09 2026/09/05	2026/09/08 2027/09/04

Horn antenna (1GHz-18GHz)	BBHA 9120 D	02622	SCHWARZBECK	2025/09/09 2026/09/05	2026/09/08 2027/09/04
Pream plifier (1GHz- 18GHz)	BBV 9718D	0024	SCHWARZBECK	2025/09/08 2026/09/04	2026/09/07 2027/09/03
Spectrum Analyze (10Hz-40GHz)	FSV 40	100952	ROHDE&SCHW ARZ	2025/09/08 2026/09/04	2026/09/07 2027/09/03
Pream plifier (18GHz-40GHz)	BBV 9721	0056	SCHWARZBECK	2025/09/08 2026/09/04	2026/09/07 2027/09/03
Double Ridge Guide Horn Antenna (18GHz-40GHz)	SAS-574	588	A.H.System	2025/09/09 2026/09/05	2026/09/08 2027/09/04
Loop Antenna (9KHz-30MHz)	FMZB 1513-60	00115	SCHWARZBECK	2025/09/08 2026/09/04	2026/09/07 2027/09/03
MXG Signal Analyzer	N9020A	MY49100730	Agilent	2025/09/08 2026/09/04	2026/09/07 2027/09/03
MXG Vector Signal Generator	N5182A	MY50144920	Agilent	2025/09/08 2026/09/04	2026/09/07 2027/09/03
WIDEBAND RADIO COMMUNICATION TESTER	CMW500	/	ROHDE&SCHW ARZ	2025/09/08 2026/09/07	2026/09/07 2027/09/06
Power Sensor	MW100- RFCB-2	MW260105N TT-64	MWRFtest	2025/09/08 2026/09/04	2026/09/07 2027/09/03
RF Swith	MW100- RFCB-1	MW260105N TT-64	MWRFtest	2025/09/08 2026/09/04	2026/09/07 2027/09/03
Cable	RG223-3M	/	DA	2025/09/08 2026/09/04	2026/09/07 2027/09/03
Cable	RG223-12M	/	DA	2025/09/08 2026/09/04	2026/09/07 2027/09/03

Cable	SFT205-NMNMSW-2.5M	/	DA	2025/09/08 2026/09/04	2026/09/07 2027/09/03
Cable	SFT205-NMNM-12M	/	DA	2025/09/08 2026/09/04	2026/09/07 2027/09/03
Cable	UCA500-NJWSM-1.5M	017	MWRFTest	2025/09/08 2026/09/04	2026/09/07 2027/09/03

Test software

Item	Name	Manufacturer	Model	Software version
1	EMC Conduction Test System	FALA	EZ-EMC	Ver.EMC-CON 3A1.1+
2	EMC radiation test system	FALA	EZ-EMC	Ver.FA-03A2 RE+
3	RF test system	TACHOY	RFTest	V1.0.0
4	RF communication test system	TACHOY	RFTest	V1.0.0

4.2 Measurement Uncertainty

Parameter	Uncertainty
RF output power, conducted	±1.0dB
Power Spectral Density, conducted	±2.2dB
Radio Frequency	± 1 x 10 ⁻⁶
Bandwidth	± 1.5 x 10 ⁻⁶
Time	±2%
Duty Cycle	±2%
Temperature	±1°C
Humidity	±5%
DC and low frequency voltages	±3%

Conducted Emissions (150kHz~30MHz)	±3.64dB
Radiated Emission(9KHz~30MHz)	±4.51dB
Radiated Emission(30MHz~1GHz)	±5.03dB
Radiated Emission(1GHz~25GHz)	±4.74dB
Remark:When making a conformity declaration based on test results for regulations/standards or specifications,the default is to use Clause 4.2.1of ILAC-G8:09/2019 and the guidelines on decision rules and conformity declaration in IEC Guide 115:2023.	

4.3 Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
E-1	Adapter	/	/	/	/

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.

5 Conducted Emission

Test Requirement:	: FCC CFR 47 Part 15 Section 15.207
Test Method	: ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024
Test Result	: PASS
Frequency Range	: 150kHz to 30MHz
Class/Severity	: Class B

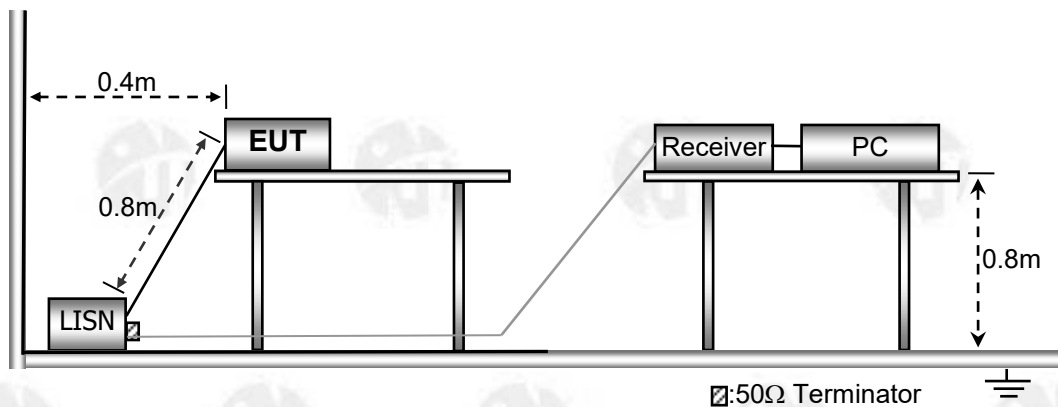
5.1 E.U.T. Operation

Operating Environment :

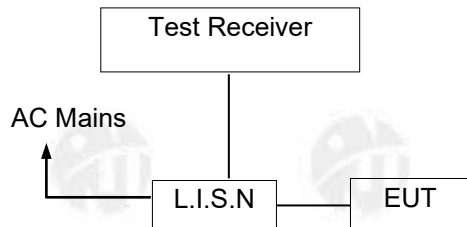
Temperature	: 24.5 °C
Humidity	: 52% RH
Atmospheric Pressure	: 101.11kPa

5.2 EUT Setup

The conducted emission tests were performed using the setup accordance with the ANSI C63.10-2020+Cor 1+2023.



5.3 Test SET-UP (Block Diagram of Configuration)



5.4 Measurement Procedure

1. The EUT was placed on a table, which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. Repeat above procedures until all frequency measured was complete.

5.5 Conducted Emission Limit

Conducted Emission

Frequency(MHz)	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	60	50

Note:

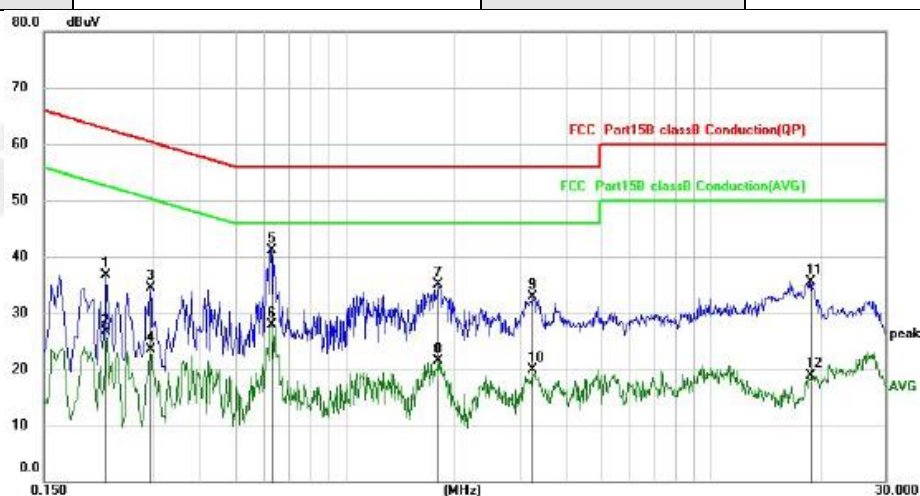
1. The lower limit shall apply at the transition frequencies
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

5.6 Measurement Description

The maximised peak emissions from the EUT was scanned and measured for both the Live and Neutral Lines. Quasi-peak & average measurements were performed if peak emissions were within 6dB of the average limit line.

5.7 Conducted Emission Test Result

Temperature:	23 °C	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	L
Test Voltage:	AC 120V/60Hz	Test Mode:	Normal Link

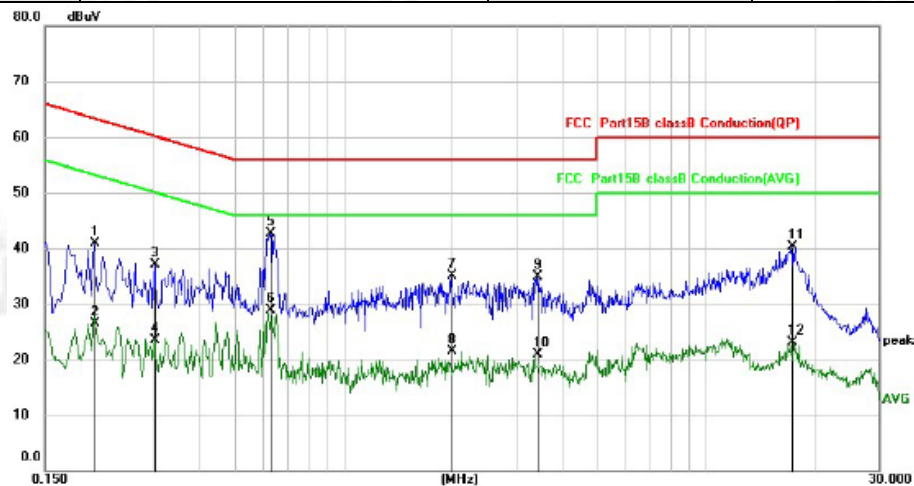


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB	dBuV	dBuV	dB	
1		0.2220	26.59	10.08	36.67	62.74	-26.07	QP
2		0.2220	16.69	10.08	26.77	52.74	-25.97	AVG
3		0.2938	24.34	10.08	34.42	60.42	-26.00	QP
4		0.2938	13.46	10.08	23.54	50.42	-26.88	AVG
5	*	0.6300	30.92	10.10	41.02	56.00	-14.98	QP
6		0.6300	17.75	10.10	27.85	46.00	-18.15	AVG
7		1.7980	24.86	10.16	35.02	56.00	-20.98	QP
8		1.7980	11.39	10.16	21.55	46.00	-24.45	AVG
9		3.2458	22.66	10.22	32.88	56.00	-23.12	QP
10		3.2458	9.77	10.22	19.99	46.00	-26.01	AVG
11		18.6779	24.68	10.90	35.58	60.00	-24.42	QP
12		18.6779	7.92	10.90	18.82	50.00	-31.18	AVG

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.

Temperature:	23℃	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	N
Test Voltage:	AC 120V/60Hz	Test Mode:	Normal Link



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.2059	30.77	10.08	40.85	63.37	-22.52	QP
2		0.2059	16.38	10.08	26.46	53.37	-26.91	AVG
3		0.3019	27.03	10.08	37.11	60.19	-23.08	QP
4		0.3019	13.52	10.08	23.60	50.19	-26.59	AVG
5	*	0.6300	32.59	10.10	42.69	56.00	-13.31	QP
6		0.6300	18.84	10.10	28.94	46.00	-17.06	AVG
7		1.9819	24.87	10.17	35.04	56.00	-20.96	QP
8		1.9819	11.28	10.17	21.45	46.00	-24.55	AVG
9		3.4340	24.62	10.22	34.84	56.00	-21.16	QP
10		3.4340	10.68	10.22	20.90	46.00	-25.10	AVG
11		17.2819	29.40	10.83	40.23	60.00	-19.77	QP
12		17.2819	12.28	10.83	23.11	50.00	-26.89	AVG

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.

6 Radiated Spurious Emissions & Restricted Spurious Emission

Test Requirement : FCC CFR 47 Part 15 Section 15.225(d)&15.209
 Test Method : ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024
 Test Result : PASS
 Measurement Distance : 3m
 Limit : See the follow table

Frequency (MHz)	Field Strength		Field Strength Limit at 3m Measurement Dist	
	uV/m	Distance (m)	uV/m	dBuV/m
0.009 ~ 0.490	2400/F(kHz)	300	10000 * 2400/F(kHz)	20log ^{(2400/F(kHz))} + 80
0.490 ~ 1.705	24000/F(kHz)	30	100 * 24000/F(kHz)	20log ^{(24000/F(kHz))} + 40
1.705 ~ 30	30	30	100 * 30	20log ⁽³⁰⁾ + 40
30 ~ 88	100	3	100	20log ⁽¹⁰⁰⁾
88 ~ 216	150	3	150	20log ⁽¹⁵⁰⁾
216 ~ 960	200	3	200	20log ⁽²⁰⁰⁾
Above 960	500	3	500	20log ⁽⁵⁰⁰⁾

According to FCC CFR 47 Part 15 Section 15.225

- (a) The field strength of any emissions within the band 13.553-13.567 MHz shall not exceed 15,848 microvolts/meter at 30 meters.
- (b) Within the bands 13.410-13.553 MHz and 13.567-13.710 MHz, the field strength of any emissions shall not exceed 334 microvolts/meter at 30 meters.
- (c) Within the bands 13.110-13.410 MHz and 13.710-14.010 MHz the field strength of any emissions shall not exceed 106 microvolts/meter at 30 meters.
- (d) The field strength of any emissions appearing outside of the 13.110-14.010 MHz band shall not exceed the general radiated emission limits in § 15.209.

6.1 EUT Operation

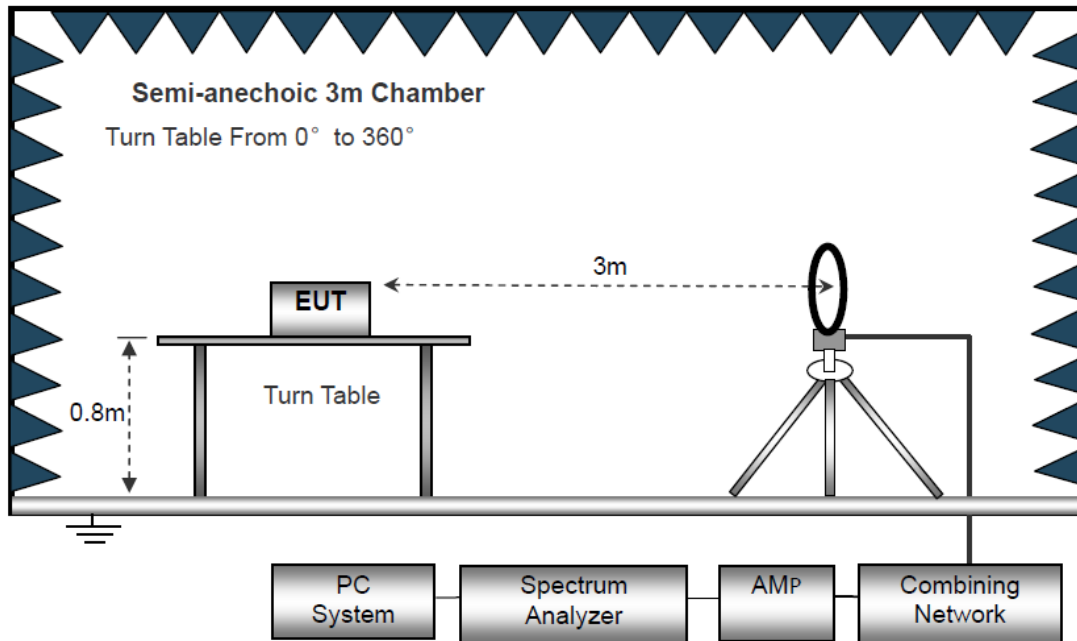
Operating Environment :

Temperature: : 24.5°C
 Humidity: : 52 % RH
 Atmospheric Pressure: : 101.11kPa
 Test Voltage : DC 12V

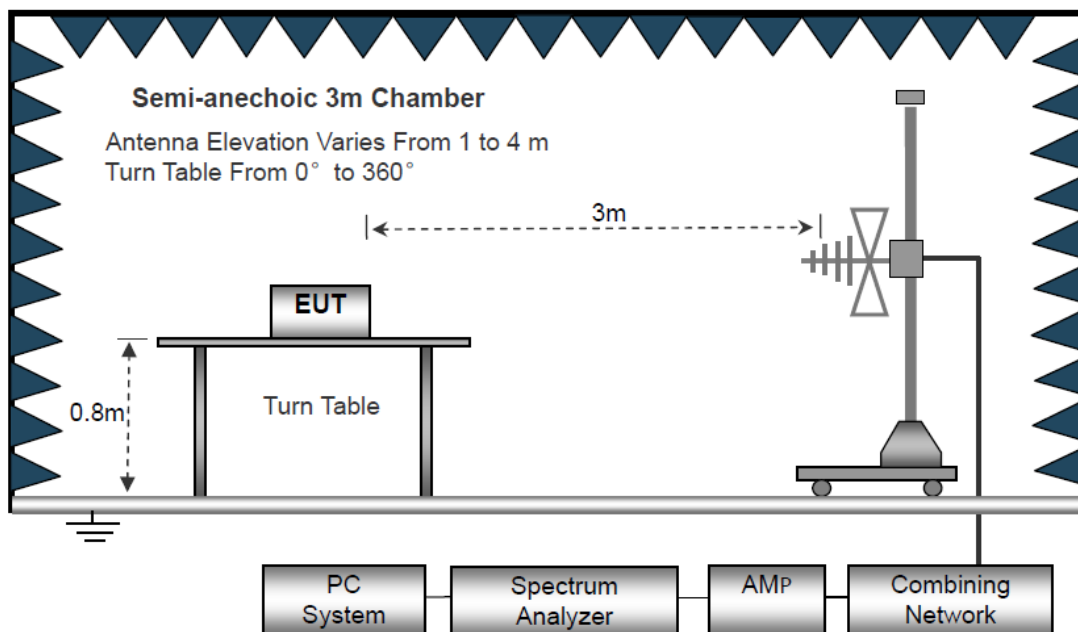
6.2 Test Setup

The radiated emission tests were performed in the 3m Semi- Anechoic Chamber test site

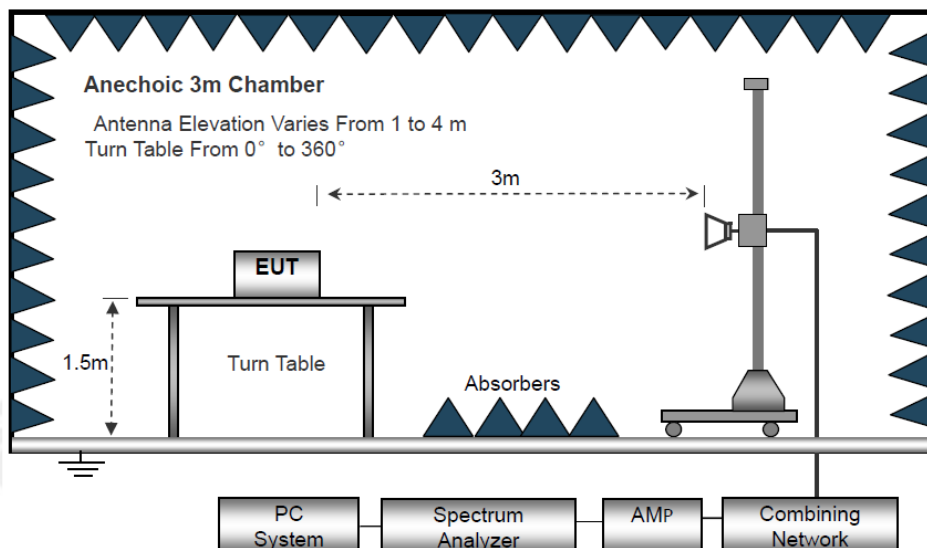
The test setup for emission measurement below 30MHz



The test setup for emission measurement from 30 MHz to 1 GHz.



The test setup for emission measurement above 1 GHz



6.3 Spectrum Analyzer Setup

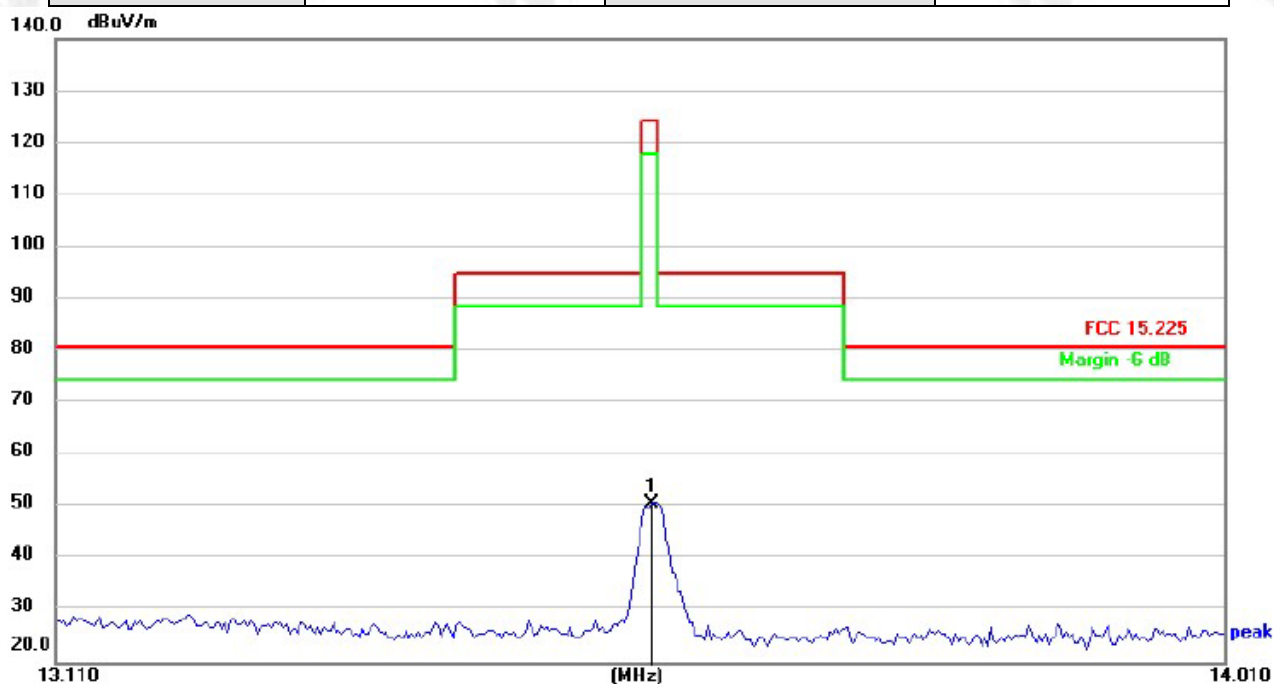
Below 30MHz			
IF Bandwidth	:	10kHz	
Resolution Bandwidth	:	10kHz	
Video Bandwidth	:	10kHz	
30MHz ~ 1GHz			
Detector	:	PK	QP
Resolution Bandwidth	:	100kHz	120kHz
Video Bandwidth	:	300kHz	300kHz
Above 1GHz			
Detector	:	PK	AV
Resolution Bandwidth	:	1MHz	1MHz
Video Bandwidth	:	3MHz	10Hz

6.4 Test Procedure

1. Below 1000MHz, The EUT was placed on a turn table which is 0.8m above ground plane, And above 1000MHz, The EUT was placed on a styrofoam table which is 1.5m above ground plane.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is moved from 1m to 4m to find out the maximum emissions. The spectrum was investigated from the lowest radio frequency signal generated in the device, without going below 9 kHz, up to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
6. Repeat above procedures until the measurements for all frequencies are complete.
7. The radiation measurements are tested under 3-axes(X,Y,Z) position(X denotes lying on the table, Y denotes side stand and Z denotes vertical stand), After pre-test, It was found that the worse radiation emission was get at the X position. So the data shown was the X position only.
8. The test above 1GHz must be use the fully anechoic room, and the test below 1GHz use the half anechoic room

6.5 Summary of Test Results

Temperature:	24.5°C	Relative Humidity:	52%
Pressure:	101.11kPa	Pol.	Coaxial
Test Voltage :	DC 3.7V		



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	
		MHz	Level	Factor	ment			Detector
			dBuV	dB	dBuV/m	dB/m	dB	
1	*	13.5600	50.88	0.00	50.88	124.0	-73.12	peak

Note:

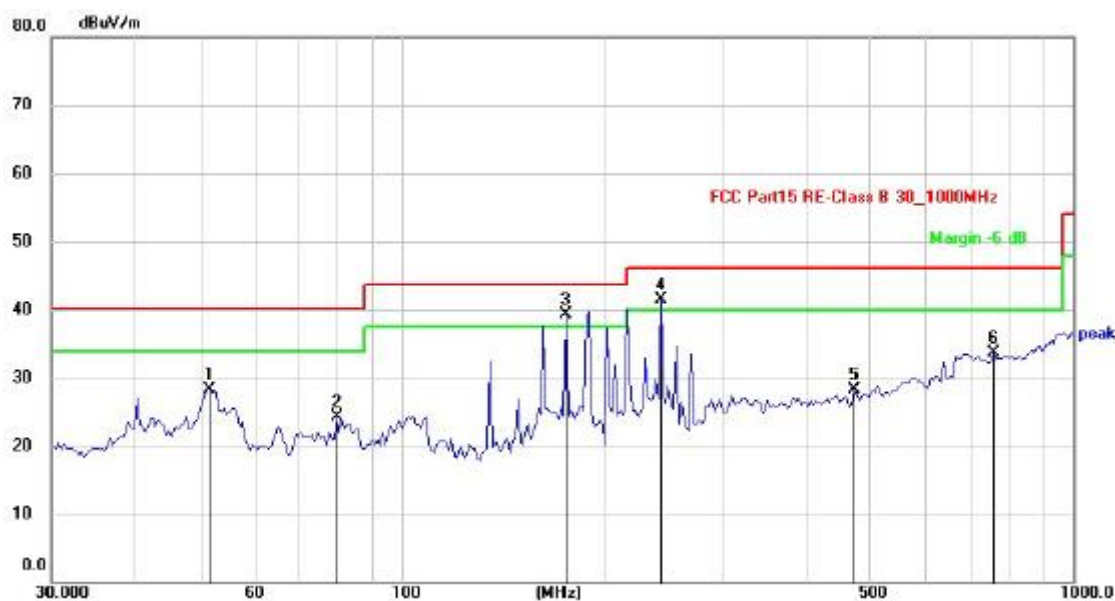
Pre-scan in the all of mode, the worst case in of was recorded.

Factor = antenna factor + cable loss – pre-amplifier. Emission Level=Reading+Factor

Margin = Emission Level- Limit.

Test Frequency: 30MHz ~ 1GHz

Test plot for Horizontal

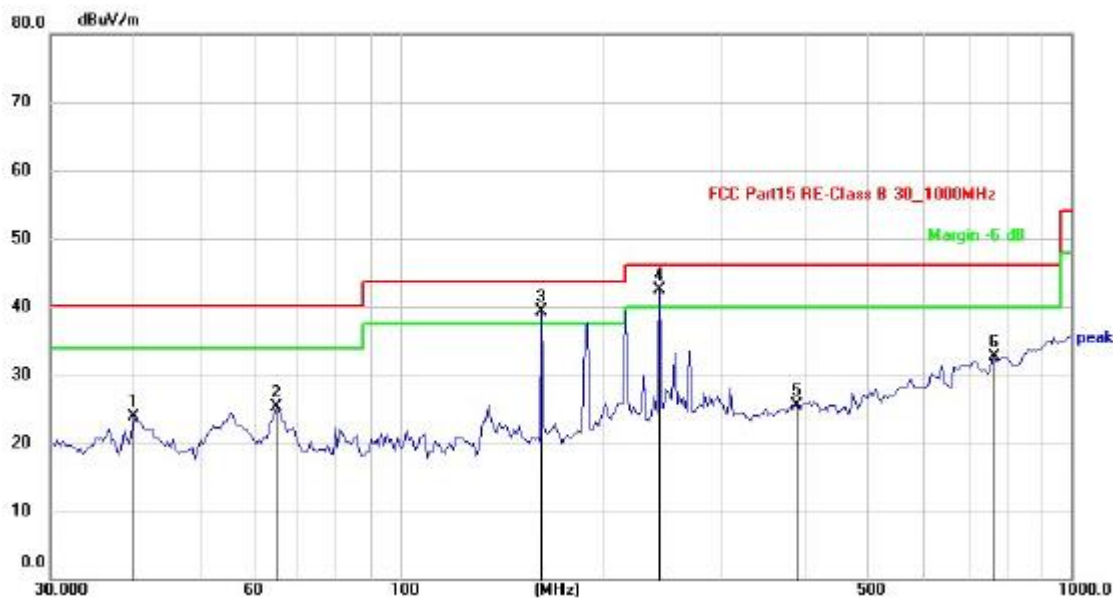


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB/m	Over dB	Detector
1		51.6613	34.98	-6.58	28.40	40.00	-11.60	QP
2		80.0805	33.29	-8.96	24.33	40.00	-15.67	QP
3	*	176.2684	43.23	-3.94	39.29	43.50	-4.21	QP
4	!	243.8042	46.37	-4.96	41.41	46.00	-4.59	QP
5		474.6659	27.92	0.47	28.39	46.00	-17.61	QP
6		762.0384	26.04	7.73	33.77	46.00	-12.23	QP

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier

Emission Level = Reading + Factor Margin = Emission Level – Limit

Test plot for Vertical



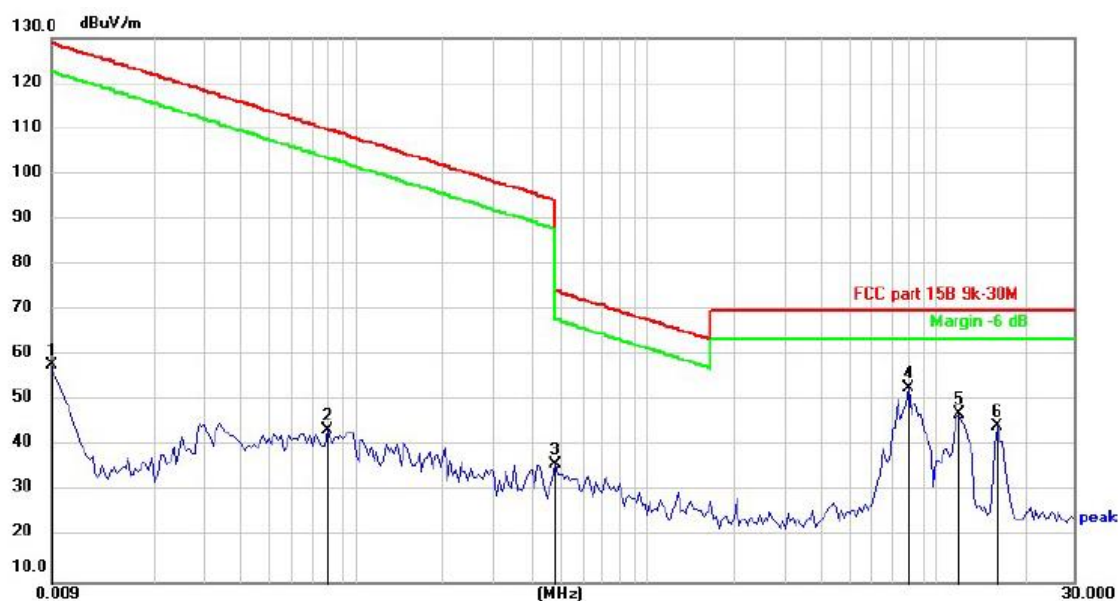
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB/m	Over dB	Detector
1		40.0643	29.81	-5.86	23.95	40.00	-16.05	QP
2		65.4578	32.85	-7.53	25.32	40.00	-14.68	QP
3	!	162.8959	42.65	-3.41	39.24	43.50	-4.26	QP
4	*	243.8042	47.37	-4.96	42.41	46.00	-3.59	QP
5		391.4082	26.62	-1.04	25.58	46.00	-20.42	QP
6		768.7481	24.74	7.88	32.62	46.00	-13.38	QP

Remark:Factor = Antenna Factor + Cable Loss – Pre-amplifier

Emission Level=Reading+Factor Margin = Emission Level – Limit

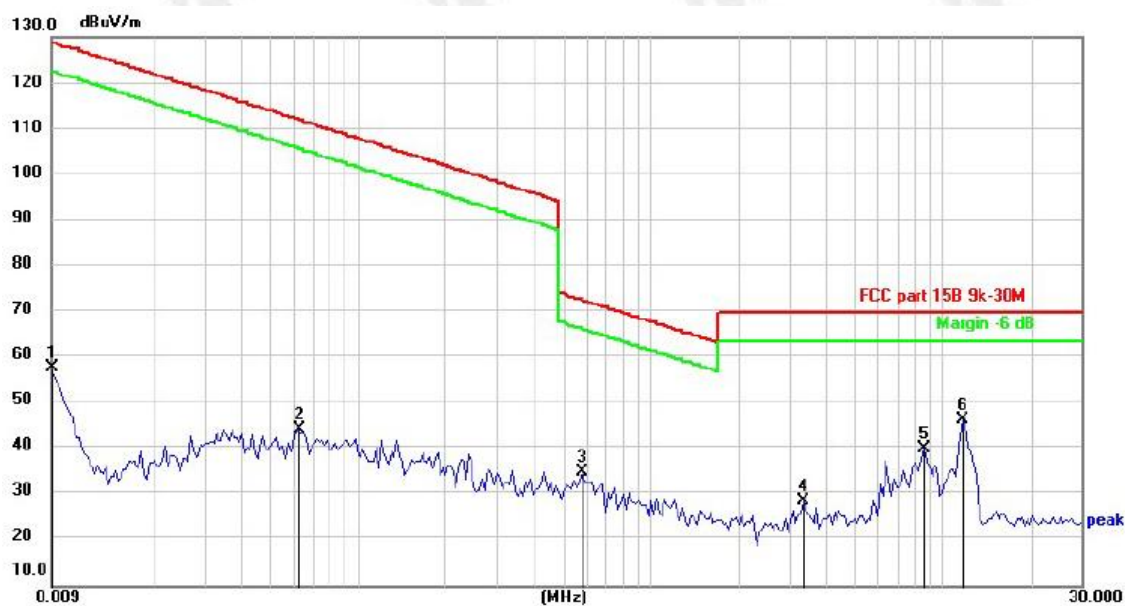
Restricted Spurious Emission

Temperature:	24.5°C	Relative Humidity:	52%
Pressure:	101.11kPa	Pol.	Coplanar
Test Voltage :	DC 3.7V		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB/m	Over dB	Detector
1		0.0088	63.77	-5.87	57.90	128.8	-70.90	QP
2		0.0803	51.33	-7.82	43.51	109.4	-65.96	QP
3		0.4889	41.59	-5.75	35.84	93.82	-57.98	QP
4	*	8.0288	58.02	-5.36	52.66	69.54	-16.88	QP
5		12.0447	51.56	-4.64	46.92	69.54	-22.62	QP
6		16.3269	48.94	-4.55	44.39	69.54	-25.15	QP

Temperature:	24.5°C	Relative Humidity:	52%
Pressure:	101.11kPa	Pol.	Coaxial
Test Voltage :	DC 3.7V		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB/m	Over dB	Detector
1		0.0088	63.65	-5.87	57.78	128.8	-71.02	QP
2		0.0629	52.48	-8.24	44.24	111.6	-67.38	QP
3		0.5867	40.58	-5.51	35.07	72.24	-37.17	QP
4		3.3568	34.96	-6.19	28.77	69.54	-40.77	QP
5		8.7071	45.29	-5.12	40.17	69.54	-29.37	QP
6	*	11.8028	51.05	-4.64	46.41	69.54	-23.13	QP

Remark: Factor = Antenna Factor + Cable Loss - Pre-amplifier.

Emission Level=Reading+Factor Margin = Measurement Level - Limit

7 6dB&99% Bandwidth Measurement

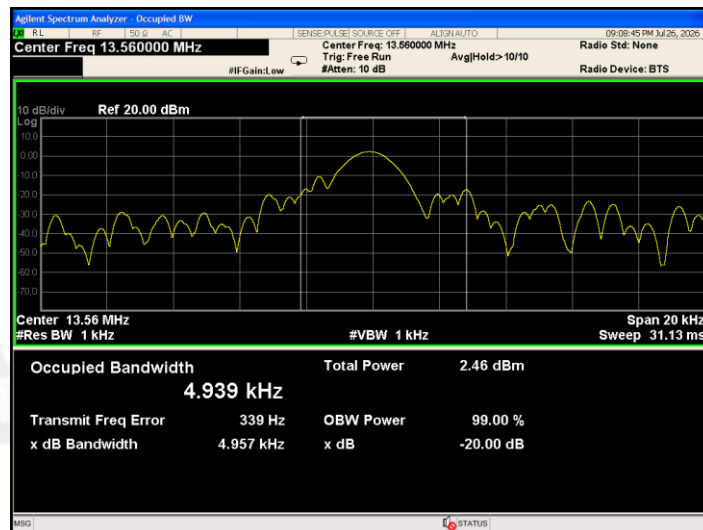
Test Requirement : FCC CFR47 Part 15 Section 15.215
 Test Method : ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024
 Test Limit : /

7.1 Test Procedure

1. Set RBW = 1% to 5% of the OBW
2. Set VBW $\geq$ 3RBW
3. Detector = Peak.
4. Trace mode = max hold
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 20dB relative to the maximum level measured in the fundamental emission.

7.2 Test Result

Modulation	Frequency (MHz)	20dB bandwidth (Hz)	99%dB bandwidth (Hz)	Result
ASK	13.56	4.957	339	Pass



8 FREQUENCY STABILITY

Test Requirement	: FCC CFR47 Part 15 Section 15.225(e)
Test Method	: ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024
Test Limit	: the carrier frequency stability shall not exceed ± 100 ppm

8.1 Test Procedure

1. The equipment under test was connected to an external DC power supply and input rated voltage.
2. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators.
3. The EUT was placed inside the temperature chamber.
4. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency.

Turn EUT off and set the chamber temperature to -20°C . After the temperature stabilized for approximately 30 minutes recorded the frequency.

Repeat step measure with 10°C increased per stage until the highest temperature of $+50^{\circ}\text{C}$ reached.

Reduce the input voltage to specified extreme voltage variation ($\pm 15\%$) or endpoint, record the maximum frequency change.

8.2 Test Result

Reference Frequency: 13.56MHz					
Voltage (V)	Temperature (°C)	Frequency (KHz)	Frequency Deviation (Hz)	Deviation (ppm)	Limit (ppm)
12	+20(Ref)	13.5603	0.0019	7.60	± 100
	-20	13.5603	0.0025	4.65	± 100
	-10	13.5602	0.0018	13.79	± 100
	0	13.5606	0.0044	9.59	± 100
	+10	13.5602	0.0017	7.96	± 100
	+20	13.5604	0.0031	6.64	± 100
	+25	13.5603	0.0019	10.32	± 100
	+30	13.5604	0.0032	11.14	± 100
	+40	13.5603	0.0019	13.05	± 100
	+50	13.5603	0.0025	4.57	± 100
13.8	+20	13.5603	0.0019	2.21	± 100
10.2	+20	13.5603	0.0025	7.45	± 100

9 Antenna Application

9.1 Antenna Requirement

15.203 requirement:

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, 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.

9.2 Result

The EUT antenna is Internal antenna. It comply with the standard requirement.

10 Test Setup &EUT Photos

Reference to EUT photo attachment for details.

----- End of Report -----