

TEST REPORT

Report No.: BCTC2409871519-1E

Applicant: HandStandsPromo LLC

Product Name: PowerLynx

Test Model: X9842001007

Tested Date: 2024-09-03 to 2024-09-11

Issued Date: 2024-09-12

Shenzhen BCTC Testing Co., Ltd.



FCC ID: 2AMZY-98420

Product Name: PowerLynx
Trademark: N/A
Model/Type Ref.: X9842001007
Prepared For: HandStandsPromo LLC
Address: 1770 South 5350 west Suite 100 Salt Lake City Utah 84104 USA
Manufacturer: HandStandsPromo LLC
Address: 1770 South 5350 west Suite 100 Salt Lake City Utah 84104 USA
Prepared By: Shenzhen BCTC Testing Co., Ltd.
Address: 1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Sample Received Date: 2024-09-02
Sample tested Date: 2024-09-03 to 2024-09-11
Issue Date: 2024-09-12
Report No.: BCTC2409871519-1E
Test Standards: FCC Part15.209
ANSI C63.10-2013
Test Results: PASS

Tested by:



Eric Yang/Project Handler

Approved by:



Zero Zhou/Reviewer

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(Note: N/A Means Not Applicable)

1. Version

Report No.	Issue Date	Description	Approved
BCTC2409871519-1E	2024-09-12	Original	Valid

2. Test Summary

The Product has been tested according to the following specifications:

No.	Test Parameter	Clause No	Results
1	Conducted Emission	15.207	PASS
2	Radiated Emission	15.209	PASS
3	20dB Bandwidth	15.215	PASS
4	Antenna Requirement	15.203	PASS

3. Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the Product as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

No.	Item	Uncertainty
1	3m chamber Radiated spurious emission(9kHz-30MHz)	U=3.7dB
2	3m chamber Radiated spurious emission(30MHz-1GHz)	U=4.3dB
3	3m chamber Radiated spurious emission(1GHz-18GHz)	U=4.5dB
4	3m chamber Radiated spurious emission(18GHz-40GHz)	U=3.34dB
5	Conducted Emission(150kHz-30MHz)	U=3.20dB
6	Conducted Adjacent channel power	U=1.38dB
7	Conducted output power uncertainty Above 1G	U=1.576dB
8	Conducted output power uncertainty below 1G	U=1.28dB
9	humidity uncertainty	U=5.3%
10	Temperature uncertainty	U=0.59°C

4. Product Information And Test Setup

4.1 Product Information

Model/Type Ref.:	X9842001007
Model differences:	N/A
Modulation:	MSK
Operation Frequency:	115kHz-220kHz(Phone, Earbuds) 300kHz-360kHz(IWATCH)
Antenna installation:	loop coil antenna DC 3.7V From Battery USB Input: DC 5V/2A
Ratings:	USB Output: DC 5V/2A Wireless Charging Output: 5W(Phone), 3W(Earbuds) Wireless Charging Output: 2.5W(IWATCH)

4.2 Support Equipment

No.	Device Type	Brand	Model	Series No.	Note
E-2	Dummy load	N/A	DL01	N/A	Auxiliary
E-3	Adapter	N/A	CD226	N/A	Auxiliary
E-4	Adapter	N/A	HW-110600C02	N/A	Auxiliary

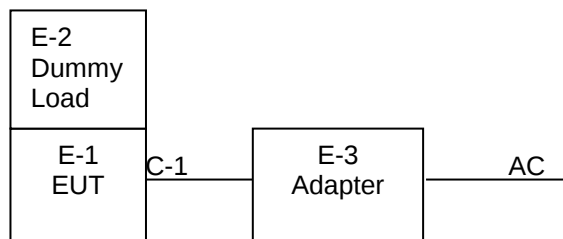
Notes:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

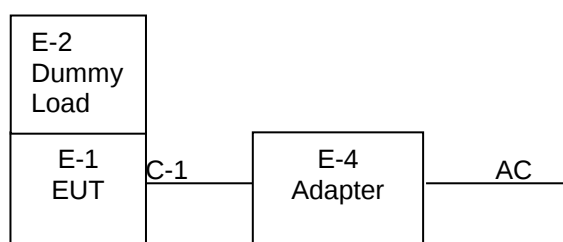
4.3 Test Setup Configuration

See test photographs attached in *EUT TEST SETUP PHOTOGRAPHS* for the actual connections between Product and support equipment.

Conducted Emission:



Radiated Spurious Emission



4.4 Test Mode

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

AC Mode	Test Mode 1	AC Charging+ Wireless Charging+ Full load(5W(Phone)
	Test Mode 2	AC Charging+ Wireless Charging+ Half-load(5W(Phone)
	Test Mode 3	AC Charging+ Wireless Charging+ Null load(5W(Phone)
	Test Mode 4	AC Charging+ Wireless Charging+ Full load(3W(Earbuds)
	Test Mode 5	AC Charging+ Wireless Charging+ Half-load(3W(Earbuds)
	Test Mode 6	AC Charging+ Wireless Charging+ Null load(3W(Earbuds)
	Test Mode 7	AC Charging+ Wireless Charging+ Full load(2.5W(IWATCH)
	Test Mode 8	AC Charging+ Wireless Charging+ Half-load(2.5W(IWATCH)
	Test Mode 9	AC Charging+ Wireless Charging+ Null load(2.5W(IWATCH)
	Test Mode 10	AC Charging+ Wireless Charging+ Full load(5W(Phone)+(2.5W(IWATCH) *
	Test Mode 11	AC Charging+ Wireless Charging+ Half-load(5W(Phone)+(2.5W(IWATCH)
	Test Mode 12	AC Charging+ Wireless Charging+ Null load(5W(Phone)+(2.5W(IWATCH)
	Test Mode 13	AC Charging+ Wireless Charging+ Full load(3W(Earbuds)+(2.5W(IWATCH)
	Test Mode 14	AC Charging+ Wireless Charging+ Half-load(3W(Earbuds)+(2.5W(IWATCH)
	Test Mode 15	AC Charging+ Wireless Charging+ Null load(3W(Earbuds)+(2.5W(IWATCH)
DC Mode	Test Mode 16	Wireless Charging+ Full load(5W(Phone)
	Test Mode 17	Wireless Charging+ Half-load(5W(Phone)
	Test Mode 18	Wireless Charging+ Null load(5W(Phone)
	Test Mode 19	Wireless Charging+ Full load(3W(Earbuds)
	Test Mode 20	Wireless Charging+ Half-load(3W(Earbuds)
	Test Mode 21	Wireless Charging+ Null load(3W(Earbuds)
	Test Mode 22	Wireless Charging+ Full load(2.5W(IWATCH)
	Test Mode 23	Wireless Charging+ Half-load(2.5W(IWATCH)
	Test Mode 24	Wireless Charging+ Null load(2.5W(IWATCH)
	Test Mode 25	Wireless Charging+ Full load(5W(Phone)+(2.5W(IWATCH) *
	Test Mode 26	Wireless Charging+ Half-load(5W(Phone)+(2.5W(IWATCH)

	Test Mode 27	Wireless Charging+ Null load(5W(Phone)+ (2.5W(IWATCH)
	Test Mode 28	Wireless Charging+ Full load(3W(Earbuds)+ (2.5W(IWATCH)
	Test Mode 29	Wireless Charging+ Half-load(3W(Earbuds)+ (2.5W(IWATCH)
	Test Mode 30	Wireless Charging+ Null load(3W(Earbuds)+ (2.5W(IWATCH)

Note:

All test mode were tested and passed,shows (*) is the worst case mode which were recorded in this report.

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5. Test Facility And Test Instrument Used

5.1 Test Facility

All measurement facilities used to collect the measurement data are located at Shenzhen BCTC Testing Co., Ltd. Address: 1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China. The site and apparatus are constructed in conformance with the requirements of ANSI C63.4 and CISPR 16-1-1 other equivalent standards.

FCC Test Firm Registration Number: 712850

A2LA certificate registration number is: CN1212

ISED Registered No.: 23583

ISED CAB identifier: CN0017

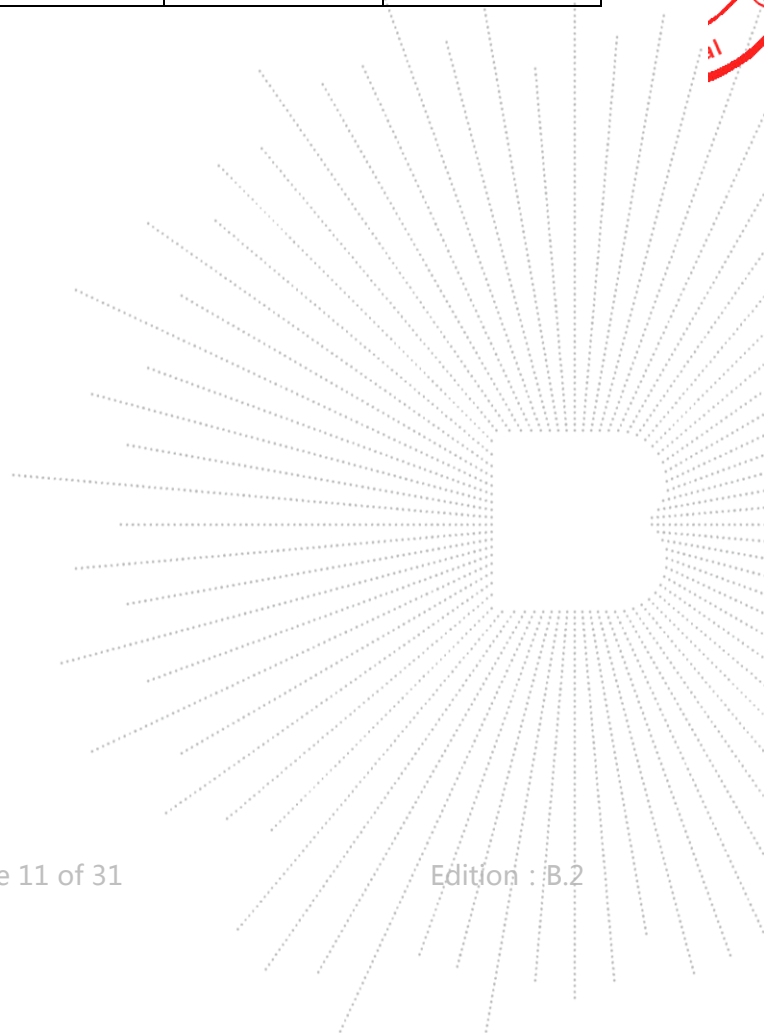
5.2 Test Instrument Used

Conducted emissions Test					
Equipment	Manufacturer	Model#	Serial#	Last Cal.	Next Cal.
Receiver	R&S	ESR3	102075	May 16, 2024	May 15, 2025
LISN	R&S	ENV216	101375	May 16, 2024	May 15, 2025
Software	Frad	EZ-EMC	EMC-CON 3A1	\	\
Attenuator	\	10dB DC-6GHz	1650	May 16, 2024	May 15, 2025

RF Conducted Test					
Equipment	Manufacturer	Model#	Serial#	Last Cal.	Next Cal.
Power Meter	Keysight	E4419	\	May 16, 2024	May 15, 2025
Power Sensor (AV)	Keysight	E9300A	\	May 16, 2024	May 15, 2025
Signal Analyzer20kHz-26.5GHz	Keysight	N9020A	MY49100060	May 16, 2024	May 15, 2025
Spectrum Analyzer9kHz-40GHz	R&S	FSP40	100363	May 16, 2024	May 15, 2025

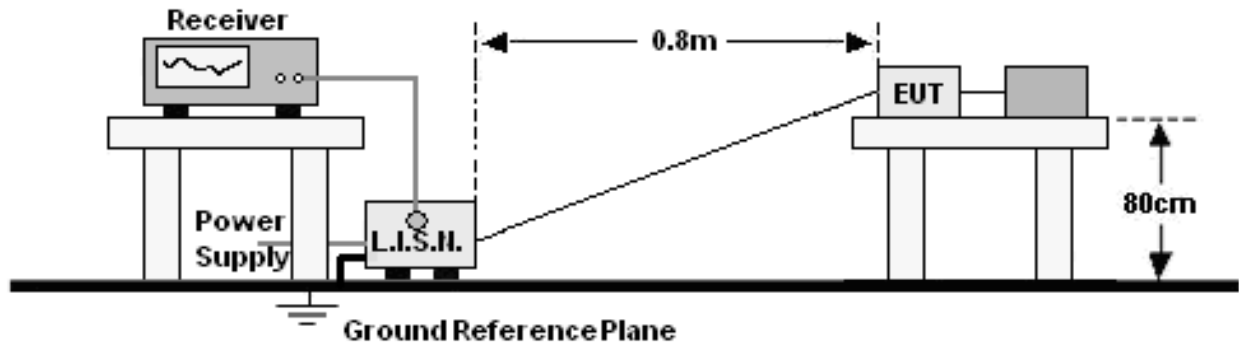
Radiated Emissions Test (966 Chamber01)					
Equipment	Manufacturer	Model#	Serial#	Last Cal.	Next Cal.
966 chamber	ChengYu	966 Room	966	May 15, 2023	May 14, 2026
Receiver	R&S	ESR3	102075	May 16, 2024	May 15, 2025
Receiver	R&S	ESRP	101154	May 16, 2024	May 15, 2025
Amplifier	Schwarzbeck	BBV9744	9744-0037	May 16, 2024	May 15, 2025
TRILOG Broadband Antenna	Schwarzbeck	VULB9163	942	May 21, 2024	May 20, 2025
Loop Antenna(9KHz -30MHz)	Schwarzbeck	FMZB1519B	00014	May 21, 2024	May 20, 2025
Amplifier	SKET	LAPA_01G18 G-45dB	\	May 16, 2024	May 15, 2025
Horn Antenna	Schwarzbeck	BBHA9120D	1541	May 21, 2024	May 20, 2025
Amplifier(18G Hz-40GHz)	MITEQ	TTA1840-35-HG	2034381	May 16, 2024	May 15, 2025
Horn Antenna(18G Hz-40GHz)	Schwarzbeck	BBHA9170	00822	May 21, 2024	May 20, 2025
Spectrum Analyzer9kHz-40GHz	R&S	FSP40	100363	May 16, 2024	May 15, 2025
Software	Frad	EZ-EMC	FA-03A2 RE	\	\

STING
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6. Conducted Emissions

6.1 Block Diagram Of Test Setup



6.2 Limit

FREQUENCY (MHz)	Limit (dBuV)	
	Quas-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

Notes:
1. *Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

6.3 Test Procedure

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

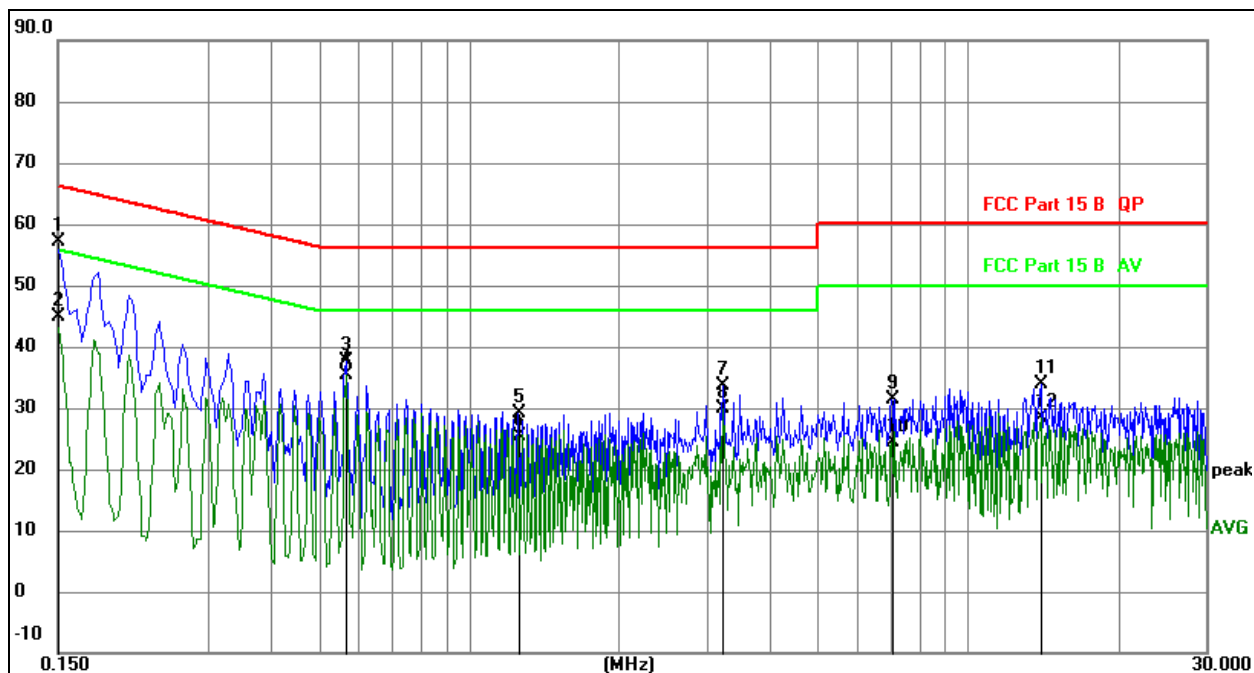
- The Product was placed on a nonconductive table 0.8 m above the horizontal ground reference plane, and 0.4 m from the vertical ground reference plane, and connected to the main through Line Impedance Stability Network (L.I.S.N).
- The RBW of the receiver was set at 9 kHz in 150 kHz ~ 30MHz with Peak and AVG detector in Max Hold mode. Run the receiver's pre-scan to record the maximum disturbance generated from Product in all power lines in the full band.
- For each frequency whose maximum record was higher or close to limit, measure its QP and AVG values and record.

6.4 EUT Operating Conditions

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

6.5 Test Result

Temperature:	26 °C	Relative Humidity:	54%RH
Pressure:	101kPa	Phase :	L
Test Voltage :	AC 120V/60Hz	Test Mode:	Mode 10

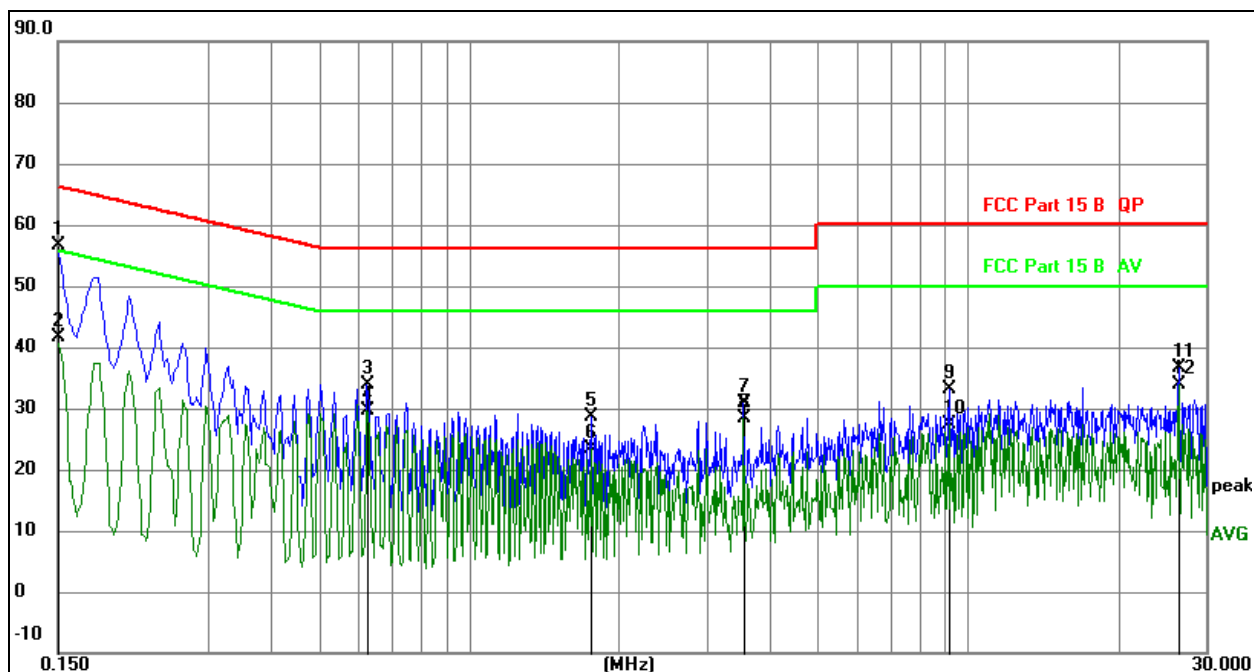


Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.
3. Measurement=Reading Level+ Correct Factor
4. Over=Measurement-Limit

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz		dB	dBuV	dBuV	dB	Detector
1	*	0.1500	36.97	20.07	57.04	66.00	-8.96	QP
2		0.1500	24.85	20.07	44.92	56.00	-11.08	AVG
3		0.5670	17.67	20.08	37.75	56.00	-18.25	QP
4		0.5670	15.37	20.08	35.45	46.00	-10.55	AVG
5		1.2555	8.99	20.09	29.08	56.00	-26.92	QP
6		1.2555	5.41	20.09	25.50	46.00	-20.50	AVG
7		3.2239	13.45	20.12	33.57	56.00	-22.43	QP
8		3.2239	9.69	20.12	29.81	46.00	-16.19	AVG
9		7.0249	11.22	20.16	31.38	60.00	-28.62	QP
10		7.0249	4.34	20.16	24.50	50.00	-25.50	AVG
11		13.9886	13.63	20.28	33.91	60.00	-26.09	QP
12		13.9886	8.12	20.28	28.40	50.00	-21.60	AVG

Temperature:	26 °C	Relative Humidity:	54%RH
Pressure:	101kPa	Phase :	N
Test Voltage :	AC 120V/60Hz	Test Mode:	Mode 10



Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.
3. Measurement=Reading Level+ Correct Factor
4. Over=Measurement-Limit

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz		dB	dBuV	dBuV	dB	
1	*	0.1500	36.67	20.07	56.74	66.00	-9.26	QP
2		0.1500	21.67	20.07	41.74	56.00	-14.26	AVG
3		0.6269	13.83	20.09	33.92	56.00	-22.08	QP
4		0.6269	9.52	20.09	29.61	46.00	-16.39	AVG
5		1.7563	8.46	20.10	28.56	56.00	-27.44	QP
6		1.7563	3.19	20.10	23.29	46.00	-22.71	AVG
7		3.5520	10.78	20.13	30.91	56.00	-25.09	QP
8		3.5520	8.30	20.13	28.43	46.00	-17.57	AVG
9		9.1590	12.88	20.17	33.05	60.00	-26.95	QP
10		9.1590	7.10	20.17	27.27	50.00	-22.73	AVG
11		26.5154	16.42	20.29	36.71	60.00	-23.29	QP
12		26.5154	13.50	20.29	33.79	50.00	-16.21	AVG

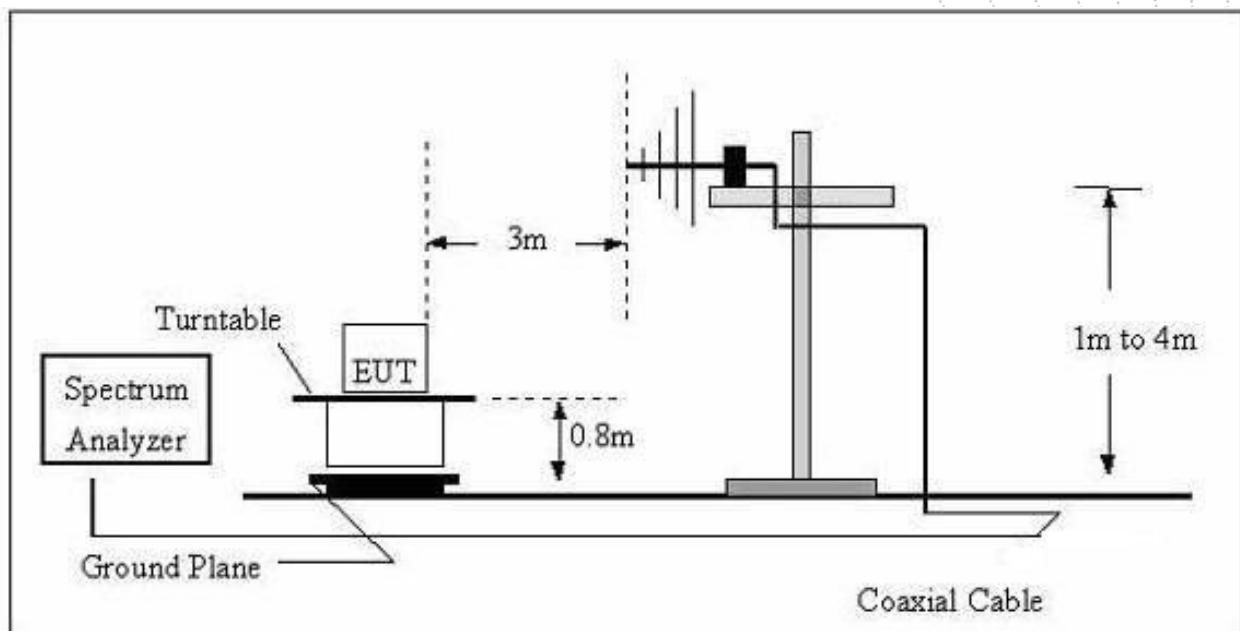
7. Radiated Emissions

7.1 Block Diagram Of Test Setup

(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



7.2 Limit

FCC §15.209; §15.205.

Test Standard	FCC Part15 C Section 15.209 and 15.205				
Test Limit	Frequency (MHz)	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz~0.490MHz	2400/F(kHz)	-	-	300
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
	1.705MHz-30MHz	30	-	-	30
	30MHz~88MHz	100	40.0	Quasi-peak	3
	88MHz~216MHz	150	43.5	Quasi-peak	3
	216MHz~960MHz	200	46.0	Quasi-peak	3
	960MHz~1000MHz	500	54.0	Quasi-peak	3
	Above 1000MHz	500	54.0	Average	3
		-	74.0	Peak	3

7.3 Test Procedure

Receiver Parameter	Setting
Attenuation	Auto
9kHz~150kHz	RBW 200Hz for QP
150kHz~30MHz	RBW 9kHz for QP
30MHz~1000MHz	RBW 120kHz for QP

Below 1GHz test procedure as below:

- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

Above 1GHz test procedure as below:

g. Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 metre to 1.5 metre(Above 18GHz the distance is 1 meter and table is 1.5 metre).

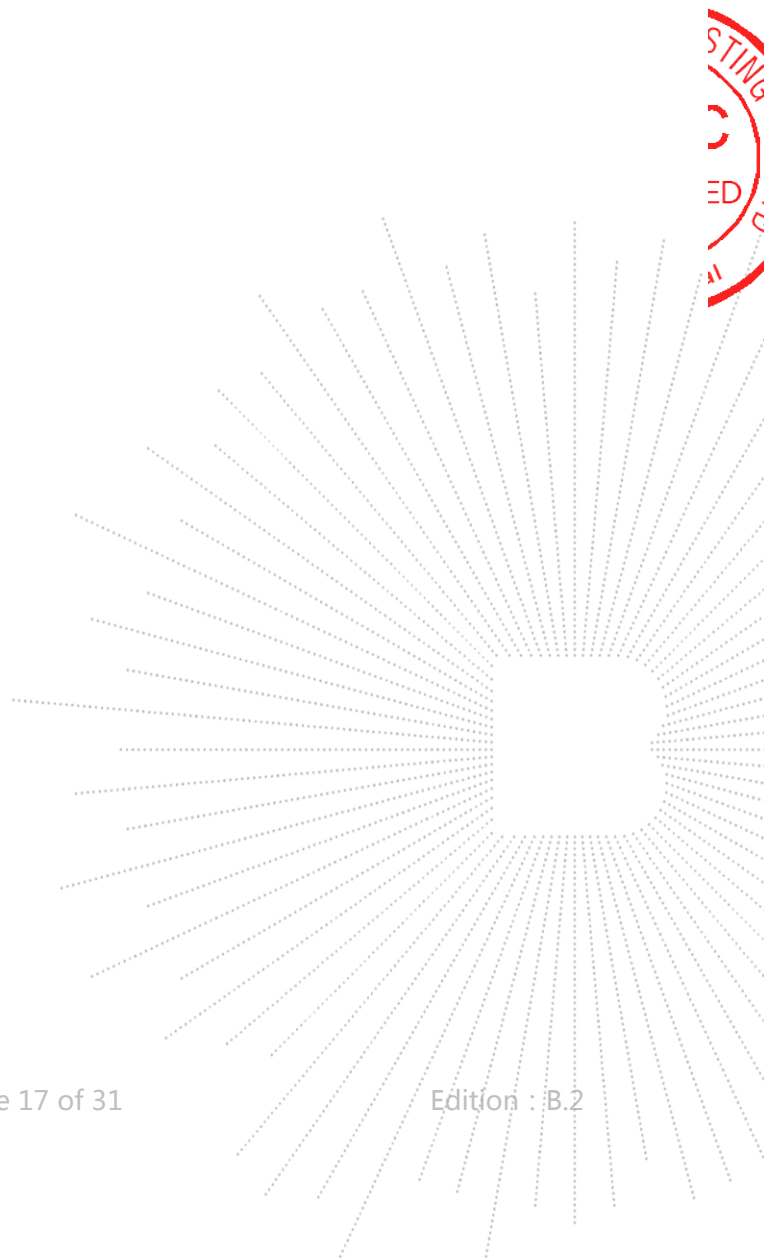
h. Test the EUT in the lowest channel ,the middle channel ,the Highest channel.

Note:

Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported.

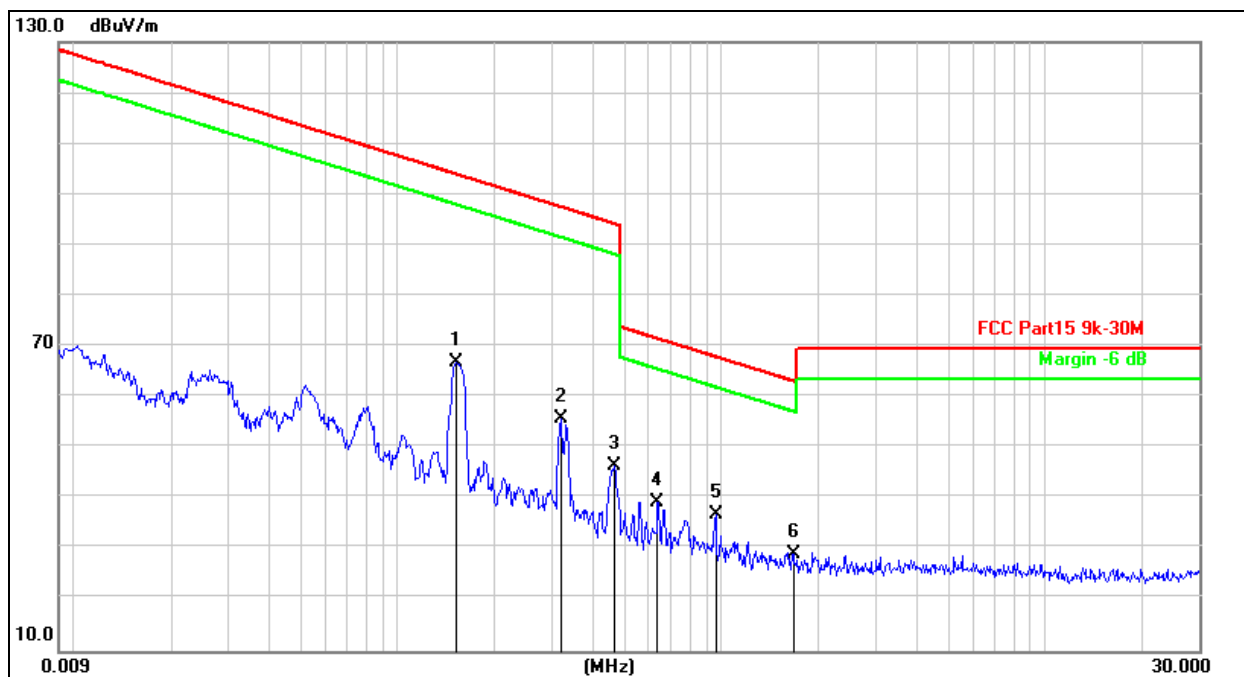
7.4 Test Result

Note : It only shows the worst mode 1, full load.



9kHz-30MHz

Temperature:	26°C	Relative Humidity:	54%RH
Pressure:	101 kPa	Test Voltage :	AC 120V/60Hz
Test Mode :	Mode 10(mobile)	Polarization :	Coaxial

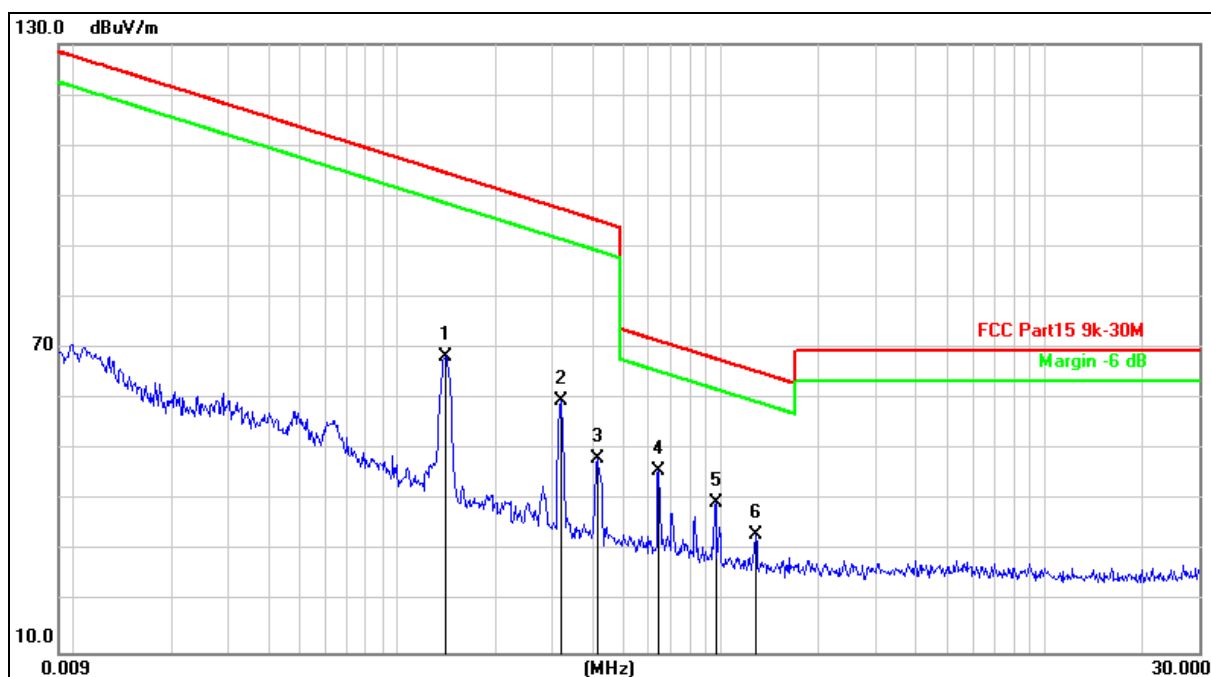


Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
2. Measurement=Reading Level+ Correct Factor
3. Over=Measurement-Limit

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB/m	Over dB	Detector
1		0.1514	74.45	-7.59	66.86	104.0	-37.14	peak
2		0.3194	63.37	-7.70	55.67	97.52	-41.85	peak
3		0.4676	54.13	-7.59	46.54	94.21	-47.67	peak
4		0.6363	46.55	-7.43	39.12	71.54	-32.42	peak
5	*	0.9625	44.15	-7.36	36.79	67.95	-31.16	peak
6		1.6710	36.42	-7.33	29.09	63.17	-34.08	peak

Temperature:	26℃	Relative Humidity:	54%RH
Pressure:	101 kPa	Test Voltage :	DC 3.7V
Test Mode :	Mode 25(portable)	Polarization :	Coaxial



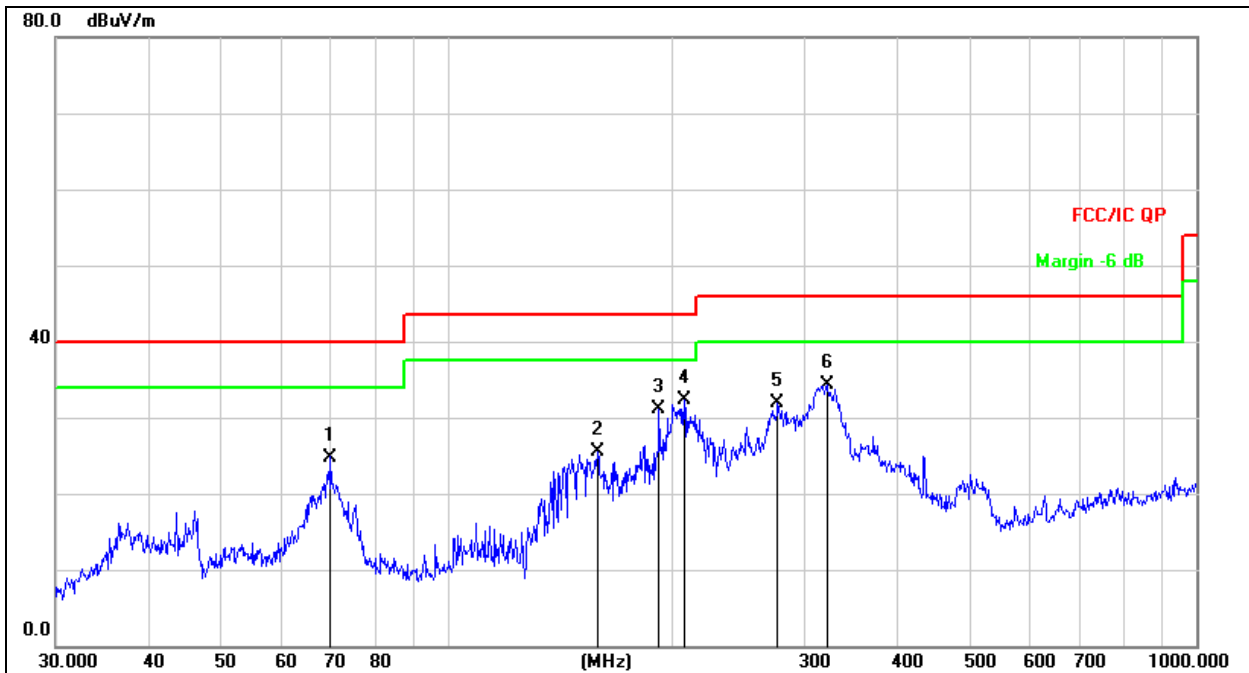
Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
2. Measurement=Reading Level+ Correct Factor
3. Over=Measurement-Limit

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector
		MHz	dBuV	dB	dBuV/m	dB/m	dB	
1		0.1408	75.93	-7.56	68.37	104.6	-36.26	peak
2		0.3194	67.25	-7.70	59.55	97.52	-37.97	peak
3		0.4140	55.84	-7.63	48.21	95.26	-47.05	peak
4	*	0.6416	53.42	-7.42	46.00	71.47	-25.47	peak
5		0.9625	46.83	-7.36	39.47	67.95	-28.48	peak
6		1.2786	40.56	-7.35	33.21	65.49	-32.28	peak

Between 30MHz – 1GHz

Temperature:	26°C	Relative Humidity:	54%RH
Pressure:	101 kPa	Test Voltage :	AC 120V/60Hz
Test Mode :	Mode 10(mobile)	Polarization :	Horizontal

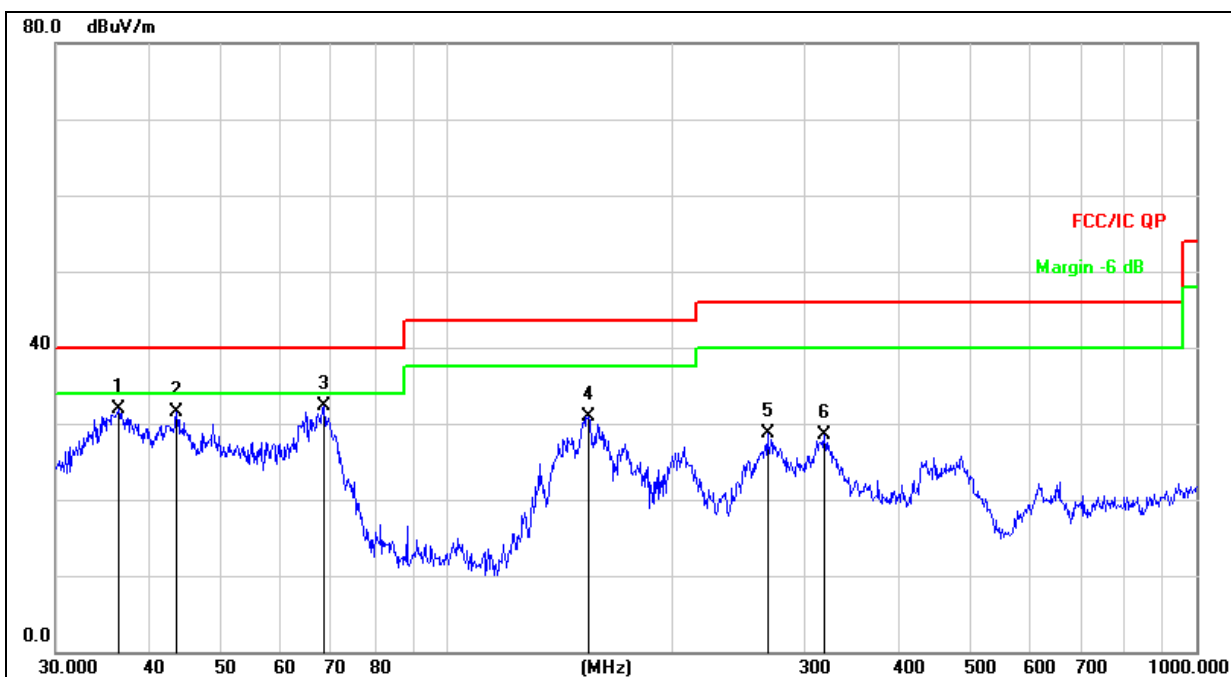


Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
2. Measurement=Reading Level+ Correct Factor
3. Over=Measurement-Limit

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB/m	Over dB	Detector
1		69.8450	42.76	-17.96	24.80	40.00	-15.20	QP
2		158.6677	44.27	-18.79	25.48	43.50	-18.02	QP
3		191.7450	47.39	-16.33	31.06	43.50	-12.44	QP
4	*	207.1226	47.80	-15.52	32.28	43.50	-11.22	QP
5		276.1235	45.56	-13.74	31.82	46.00	-14.18	QP
6		321.0608	46.82	-12.50	34.32	46.00	-11.68	QP

Temperature:	26°C	Relative Humidity:	54%RH
Pressure:	101 kpa	Test Voltage :	AC 120V/60Hz
Test Mode :	Mode 10(mobile)	Polarization :	Vertical

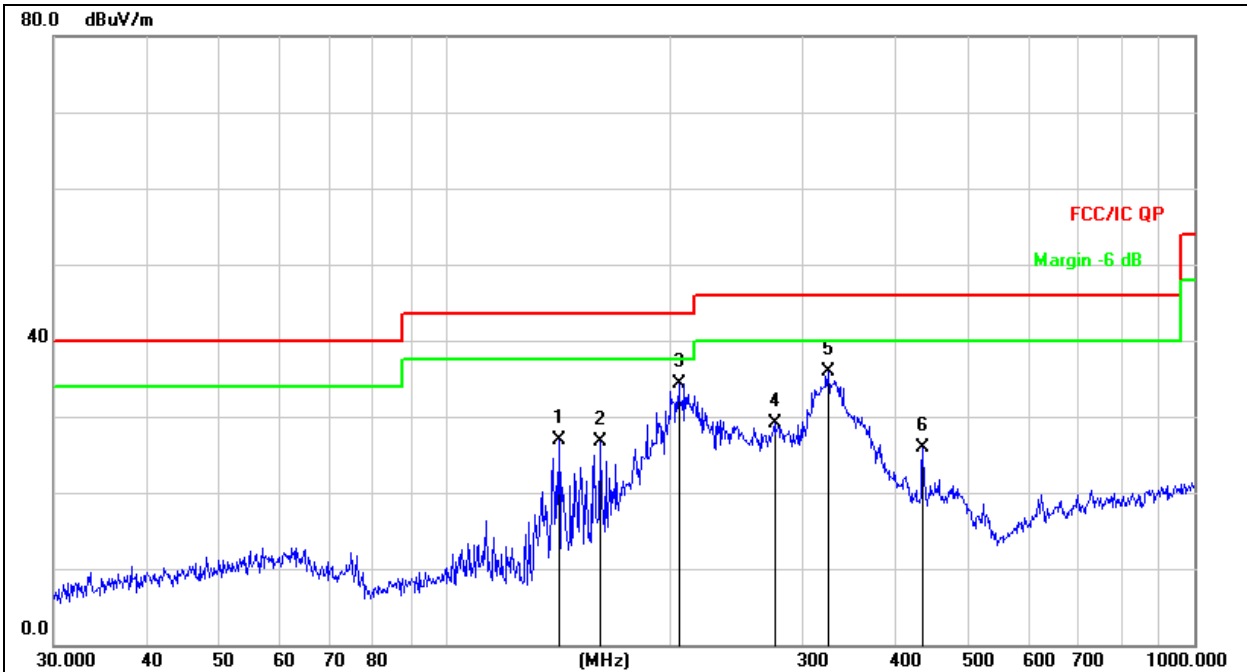


Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
2. Measurement=Reading Level+ Correct Factor
3. Over=Measurement-Limit

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector
1		36.3814	47.40	-15.42	31.98	40.00	-8.02	peak
2		43.5057	45.90	-14.43	31.47	40.00	-8.53	peak
3	*	68.3908	49.92	-17.56	32.36	40.00	-7.64	peak
4		154.2786	50.08	-19.11	30.97	43.50	-12.53	peak
5		267.5455	42.58	-13.92	28.66	46.00	-17.34	peak
6		318.8170	41.17	-12.58	28.59	46.00	-17.41	peak

Temperature:	26°C	Relative Humidity:	54%RH
Pressure:	101 kPa	Test Voltage :	DC 3.7V
Test Mode :	Mode 25(portable)	Polarization :	Horizontal

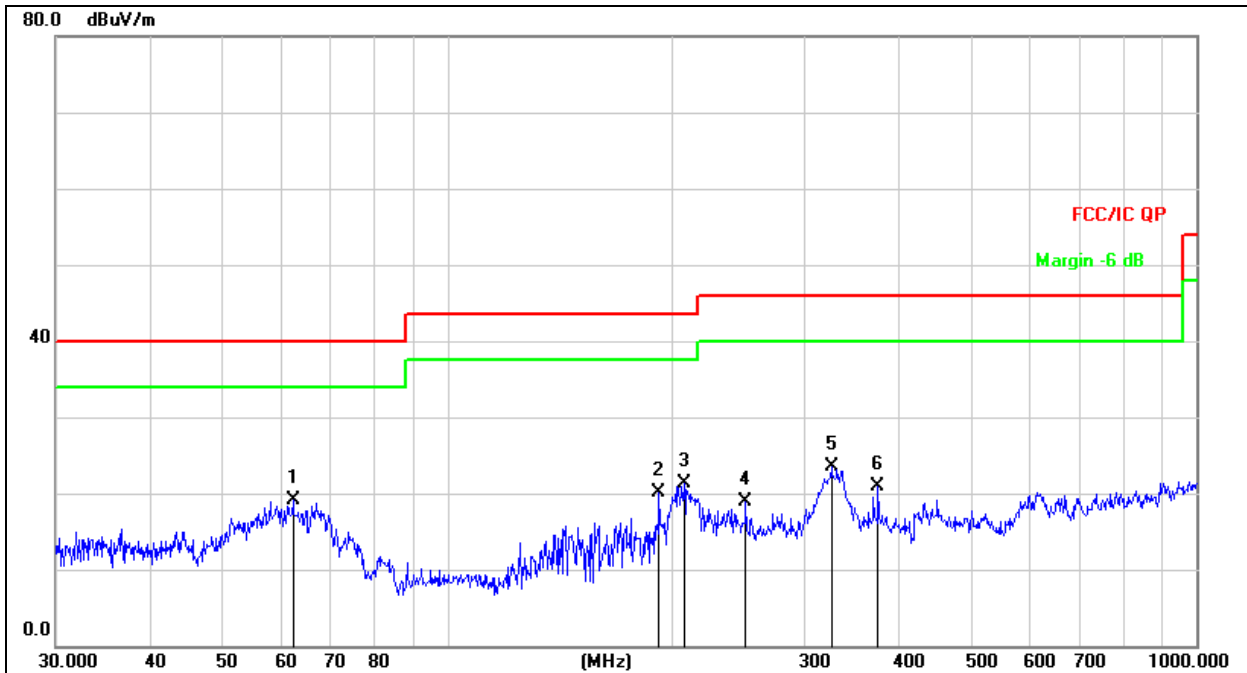


Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
2. Measurement=Reading Level+ Correct Factor
3. Over=Measurement-Limit

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB/m	Over dB	Detector
1		141.8262	45.67	-18.86	26.81	43.50	-16.69	QP
2		160.9089	45.28	-18.62	26.66	43.50	-16.84	QP
3	*	204.9551	49.97	-15.58	34.39	43.50	-9.11	QP
4		275.1570	42.90	-13.76	29.14	46.00	-16.86	QP
5		324.4561	48.25	-12.38	35.87	46.00	-10.13	QP
6		434.0651	36.02	-10.17	25.85	46.00	-20.15	QP

Temperature:	26°C	Relative Humidity:	54%RH
Pressure:	101 kpa	Test Voltage :	DC 3.7V
Test Mode :	Mode 25(portable)	Polarization :	Vertical



Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
2. Measurement=Reading Level+ Correct Factor
3. Over=Measurement-Limit

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector
1	*	62.2128	34.88	-15.86	19.02	40.00	-20.98	QP
2		191.7450	36.36	-16.33	20.03	43.50	-23.47	QP
3		207.1226	36.75	-15.52	21.23	43.50	-22.27	QP
4		250.3012	33.12	-14.28	18.84	46.00	-27.16	QP
5		325.5958	35.85	-12.34	23.51	46.00	-22.49	QP
6		375.9385	32.05	-11.15	20.90	46.00	-25.10	QP

8. Bandwidth Test

8.1 Test Procedure

1. Set RBW = 1%~5% OBW.
2. Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
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 20 dB relative to the maximum level measured in the fundamental emission.

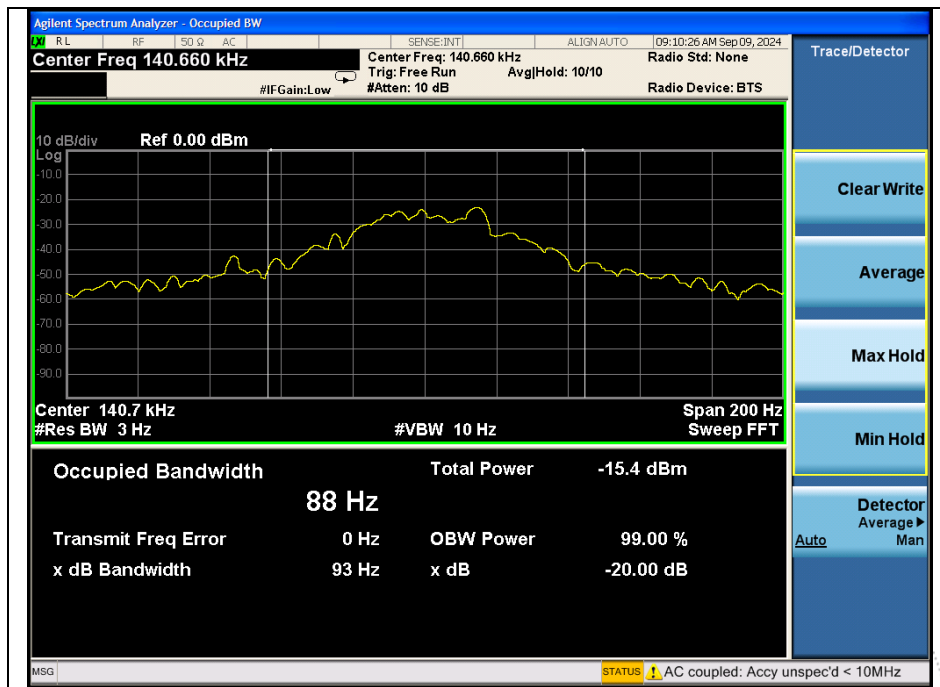
8.2 Test Setup

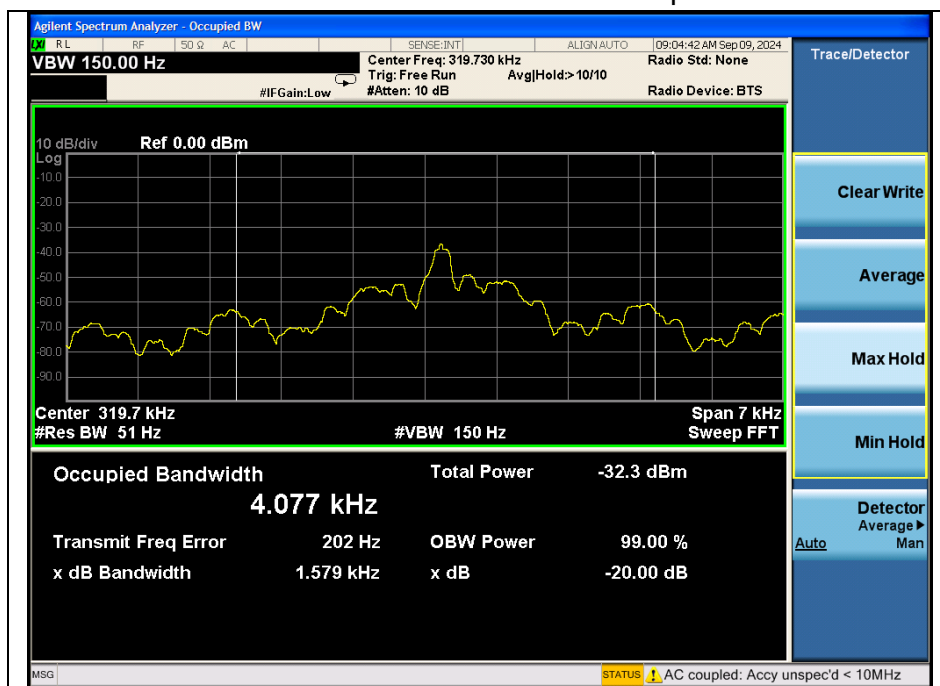


8.3 Test Result

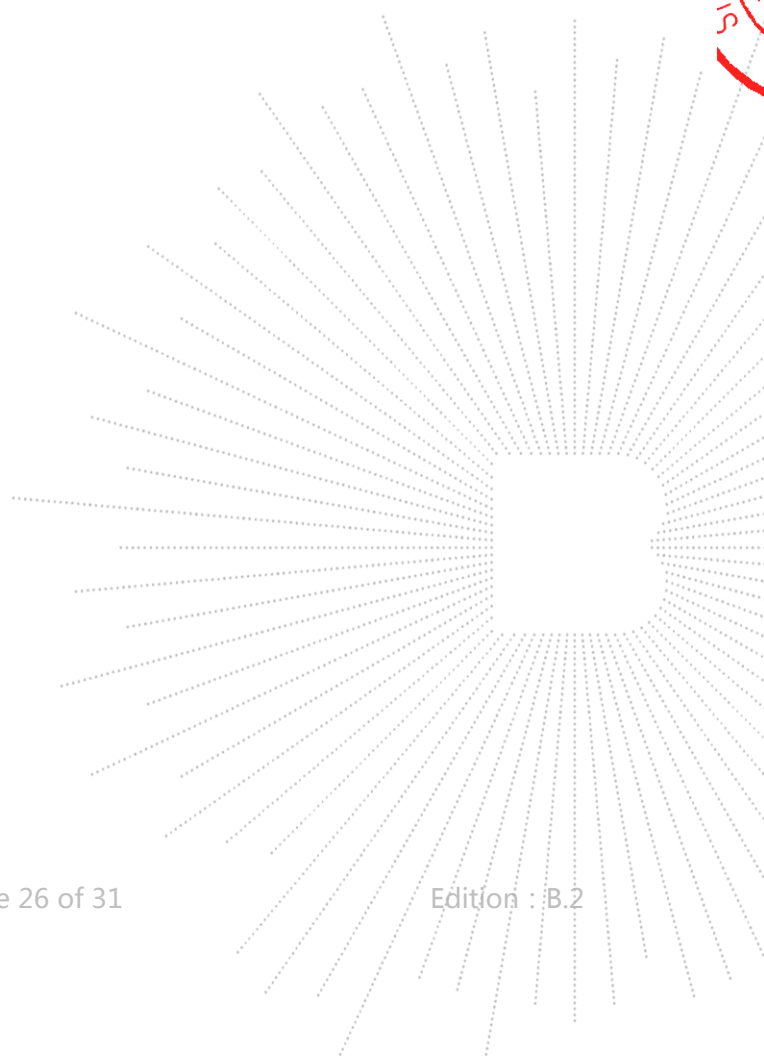
Temperature :	26 °C	Relative Humidity :	54%RH
Pressure :	101kPa		

Frequency (KHz)	20dB bandwidth (Hz)	Result
140.7	93	Pass
319.7	1759	Pass





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9. Antenna Requirements

For intentional device, according to FCC 47 CFR Section 15.203, 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.

The antenna used for this product is Inductive loop coil antenna.

10. EUT Photographs



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11. EUT Test Setup Photographs

Conducted Emissions Photo

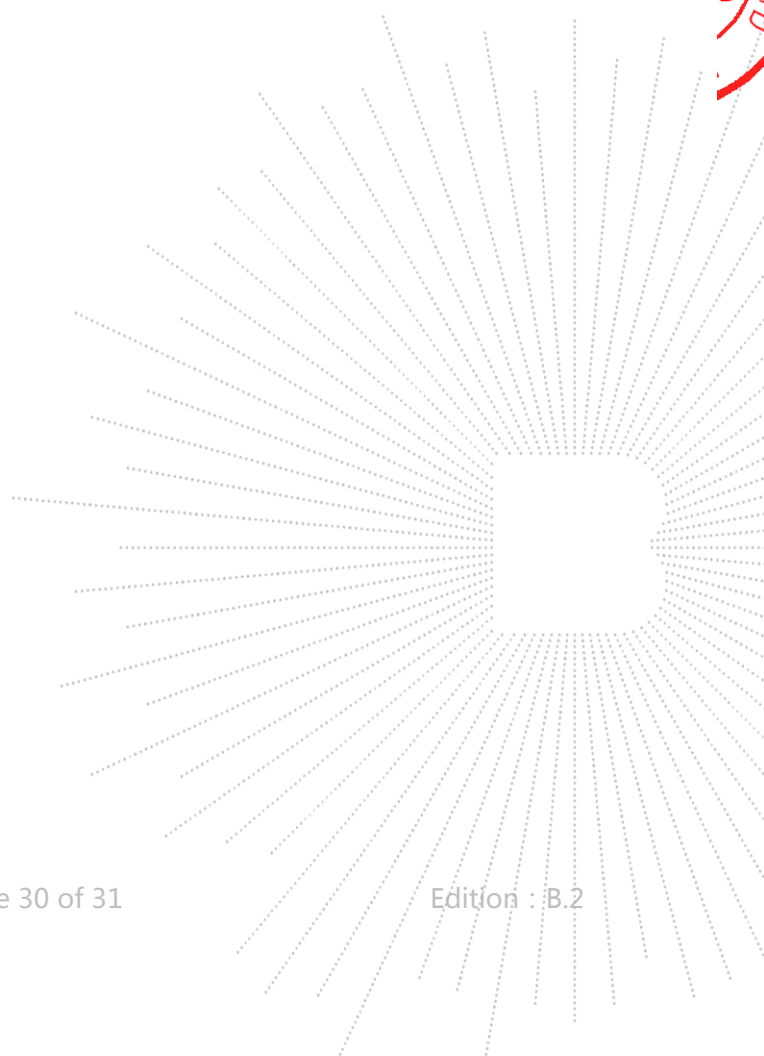


Radiated Measurement Photos

9kHz-30MHz



30MHz-1GHz



STATEMENT

1. The equipment lists are traceable to the national reference standards.
2. The test report can not be partially copied unless prior written approval is issued from our lab.
3. The test report is invalid without the "special seal for inspection and testing".
4. The test report is invalid without the signature of the approver.
5. The test process and test result is only related to the Unit Under Test.
6. Sample information is provided by the client and the laboratory is not responsible for its authenticity.
7. The quality system of our laboratory is in accordance with ISO/IEC17025.
8. If there is any objection to this test report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

Address:

1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China

TEL: 400-788-9558

P.C.: 518103

FAX: 0755-33229357

Website: <http://www.chnbctc.com>

Consultation E-mail: bctc@bctc-lab.com.cn

Complaint/Advice E-mail: advice@bctc-lab.com.cn

***** END *****