

TEST REPORT

Report No.: BCTC2506441441E

Applicant: Dongguan Miyou Electronic Technology Co., LTD.

Product Name: Penis vibrator

Test Model: MY031

Tested Date: 2025-06-20 to 2025-06-26

Issued Date: 2025-07-07



Shenzhen BCTC Testing Co., Ltd.



FCC ID: 2BKEK-MY031
Product Name: Penis vibrator
Trademark: N/A
Model/Type Reference: MY031
Prepared For: Dongguan Miyou Electronic Technology Co., LTD.
Address: Room 301, Building 1, No. 11, Baidi Baifeng 1st Street, Zhangmutou Town, Dongguan City, Guangdong Province, China
Manufacturer: Dongguan Miyou Electronic Technology Co., LTD.
Address: Room 301, Building 1, No. 11, Baidi Baifeng 1st Street, Zhangmutou Town, Dongguan City, Guangdong Province, China
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: 2025-06-19
Sample Tested Date: 2025-06-20 to 2025-06-26
Issue Date: 2025-07-07
Report No.: BCTC2506441441E
Test Standards: CFR 47 FCC Part 15 Subpart B
ANSI C63.4:2014
Test Results: PASS

Tested by:



Eric Yang/Project Handler

Approved by:



Zero Zhou/Reviewer

The test report is effective only with both signature and specialized stamp. This result(s) shown in this report refer only to the sample(s) tested. Without written approval of Shenzhen BCTC Testing Co., Ltd, this report can't be reproduced except in full. The tested sample(s) and the sample information are provided by the client.

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(Note: N/A Means Not Applicable)

1. Version

Report No.	Issue Date	Description	Approved
BCTC2506441441E	2025-07-07	Original	Valid

2. Test Summary

The Product has been tested according to the following specifications:

Standard	Test Item	Test result
CFR 47 FCC Part 15 Subpart B	Conducted Emission	Pass
CFR 47 FCC Part 15 Subpart B	Radiated Emission	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 $k=2$.

Test item	Value (dB)
Conducted Emission (150kHz-30MHz)	3.10
Radiated Emission(30MHz~200MHz)	4.60
Radiated Emission(200MHz~1000MHz)	5.20

CO., LTD.

4. Product Information And Test Setup

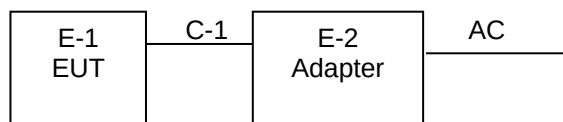
4.1 Product Information

Ratings: DC 3.7V from battery, DC 5V from adapter
Modulation: GFSK
Antenna installation: Internal antenna

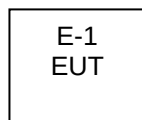
4.2 Test Setup Configuration

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

Conducted Emission:



Radiated Spurious Emission:



4.3 Support Equipment

No.	Device Type	Brand	Model	Series No.	Note
E-2.	Adapter	UGREEN	CD289	---	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.

4.4 Test Mode

Test item	Test Mode	Test Voltage
Conducted Emissions from the AC mains power ports (150KHz-30MHz) ☒ Class B	Charging	AC 120V/60Hz
Radiated Emissions(30MHz-1GHz) ☒ Class B	Charging	AC 120V/60Hz
	RX*	DC 3.7V
All test mode were tested and passed, only Radiated Emissions shows (*) is the worst case mode which were recorded in this report.		



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.

5.2 Test Instrument Used

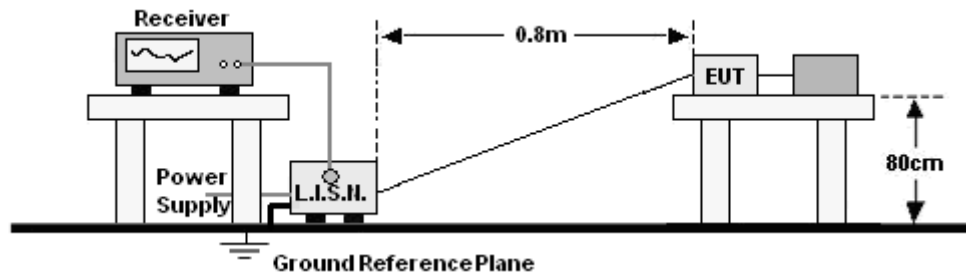
Conducted Emissions Test					
Equipment	Manufacturer	Model#	Serial#	Last Cal.	Next Cal.
Receiver	R&S	ESR3	102075	May 08 2025	May 07, 2026
LISN	R&S	ENV216	101375	May 14, 2025	May 13, 2026
Software	Frad	EZ-EMC	EMC-CON 3A1	\	\
Pulse limiter	Schwarzbeck	VTSD 9561-F	01323	May 14, 2025	May 13, 2026

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	ESR	102075	May 08, 2025	May 07, 2026
Receiver	R&S	ESRP	101154	May 14, 2025	May 13, 2026
Amplifier	Schwarzbeck	BBV9744	9744-0037	May 14, 2025	May 13, 2026
TRILOG Broadband Antenna	Schwarzbeck	VULB9163	942	May 21, 2025	May 20, 2026
Loop Antenna(9KHz-30 MHz)	Schwarzbeck	FMZB1519B	00014	May 21, 2025	May 20, 2026
Amplifier	SKET	LAPA_01G18 G-45dB	SK2021040901	May 14, 2025	May 13, 2026
Horn Antenna	Schwarzbeck	BBHA9120D	1541	May 14, 2025	May 13, 2026
Amplifier(18GHz-40GHz)	MITEQ	TTA1840-35-H G	2034381	May 14, 2025	May 13, 2026
Horn Antenna(18GHz-40GHz)	Schwarzbeck	BBHA9170	00822	May 21, 2025	May 20, 2026
Spectrum Analyzer9kHz-40 GHz	R&S	FSP40	100363	May 14, 2025	May 13, 2026
Software	Frad	EZ-EMC	FA-03A2 RE	\	\

6. Conducted Emission At The Mains Terminals Test

6.1 Block Diagram Of Test Setup

For mains ports:



6.2 Limit

Limits for Class B devices

Frequency range (MHz)	Limits dB(μV)	
	Quasi-peak	Average
0,15 to 0,50	66 to 56*	56 to 46*
0,50 to 5	56	46
5 to 30	60	50

Notes:

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

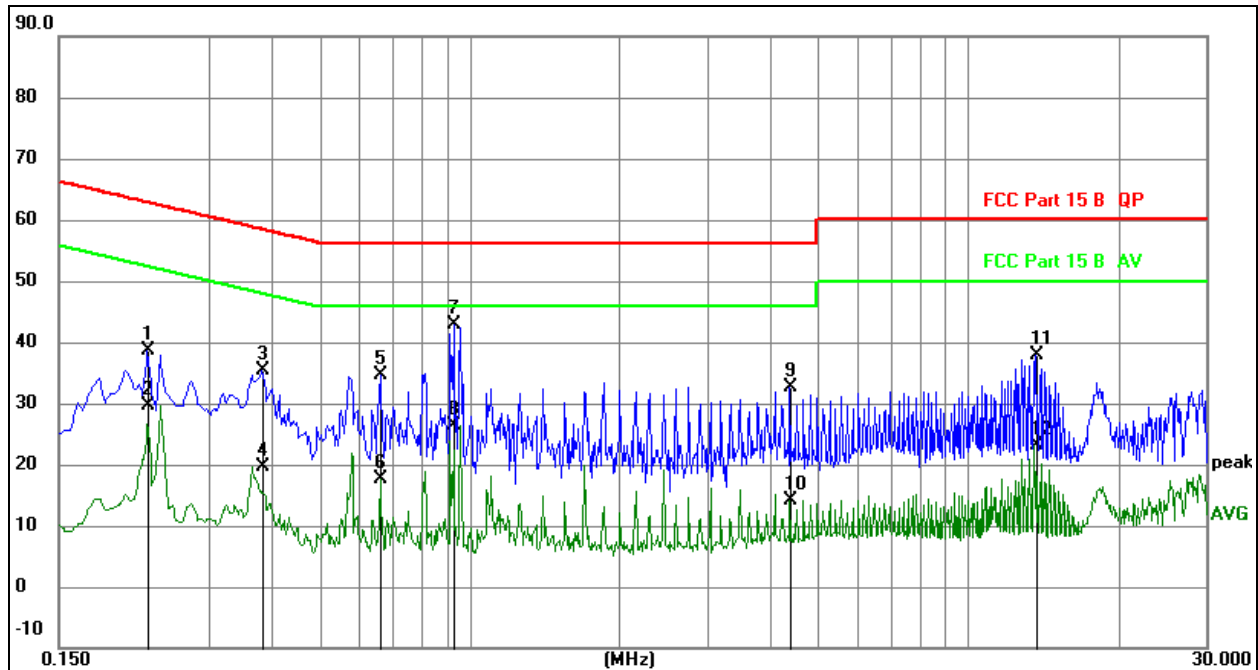
6.3 Test procedure

For mains ports:

- a. 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).
- b. 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.
- c. For each frequency whose maximum record was higher or close to limit, measure its QP and AVG values and record.

6.4 Test Result

Temperature:	24.3 °C	Relative Humidity:	52%RH
Pressure:	101kPa	Phase:	Line
Test Voltage :	AC 120V/60Hz	Test Mode:	Charging

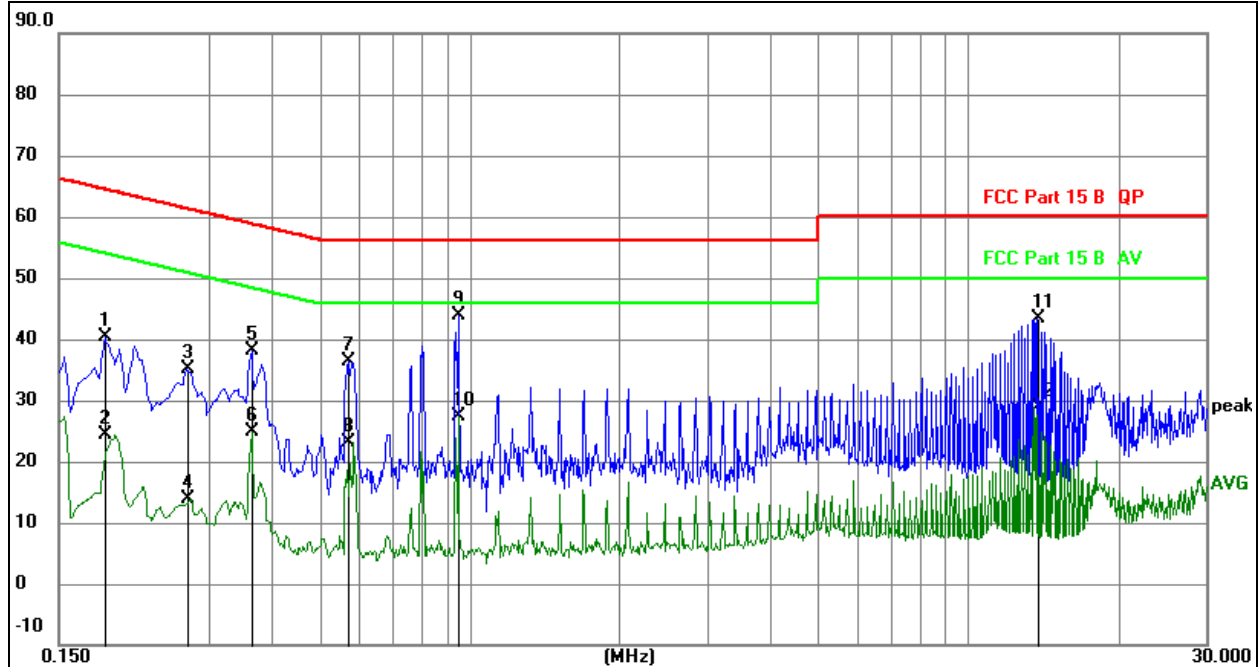


Remark:

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		0.2265	18.68	20.04	38.72	62.58	-23.86	QP
2		0.2265	9.50	20.04	29.54	52.58	-23.04	AVG
3		0.3840	15.36	20.05	35.41	58.19	-22.78	QP
4		0.3840	-0.38	20.05	19.67	48.19	-28.52	AVG
5		0.6630	14.29	20.22	34.51	56.00	-21.49	QP
6		0.6630	-2.67	20.22	17.55	46.00	-28.45	AVG
7	*	0.9285	22.59	20.27	42.86	56.00	-13.14	QP
8		0.9285	6.02	20.27	26.29	46.00	-19.71	AVG
9		4.3935	11.99	20.65	32.64	56.00	-23.36	QP
10		4.3935	-6.47	20.65	14.18	46.00	-31.82	AVG
11		13.6230	15.74	22.17	37.91	60.00	-22.09	QP
12		13.6230	1.01	22.17	23.18	50.00	-26.82	AVG

Temperature:	24.3 °C	Relative Humidity:	52%RH
Pressure:	101kPa	Phase:	Neutral
Test Voltage :	AC 120V/60Hz	Test Mode:	Charging



Remark:

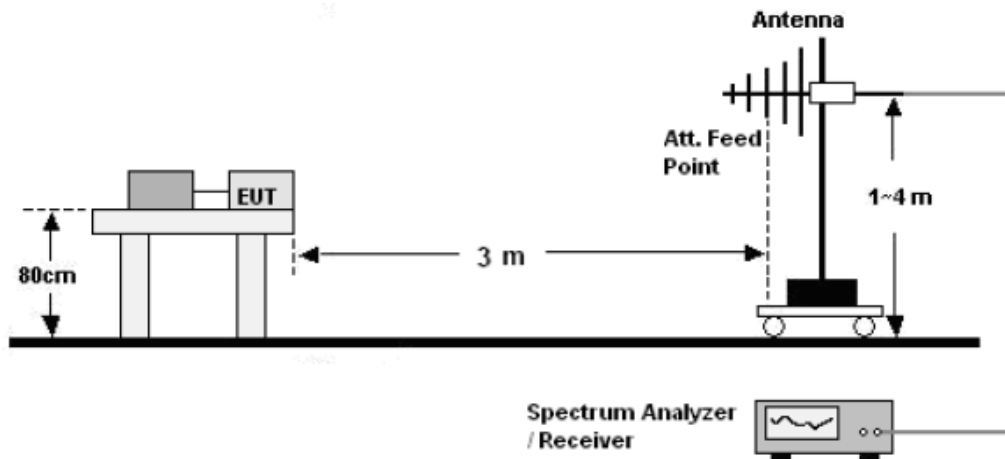
1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.
3. Measurement = Reading Level + Correct Factor
4. Over = Measurement - Limit

No.	Mk.	Freq. MHz	Reading Level dB	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector
1		0.1860	20.26	20.04	40.30	64.21	-23.91	QP
2		0.1860	4.22	20.04	24.26	54.21	-29.95	AVG
3		0.2714	15.14	20.04	35.18	61.07	-25.89	QP
4		0.2714	-6.08	20.04	13.96	51.07	-37.11	AVG
5		0.3660	18.12	20.05	38.17	58.59	-20.42	QP
6		0.3660	4.78	20.05	24.83	48.59	-23.76	AVG
7		0.5730	16.15	20.13	36.28	56.00	-19.72	QP
8		0.5730	2.90	20.13	23.03	46.00	-22.97	AVG
9	*	0.9510	23.70	20.27	43.97	56.00	-12.03	QP
10		0.9510	7.16	20.27	27.43	46.00	-18.57	AVG
11		13.8210	21.07	22.21	43.28	60.00	-16.72	QP
12		13.8210	6.59	22.21	28.80	50.00	-21.20	AVG

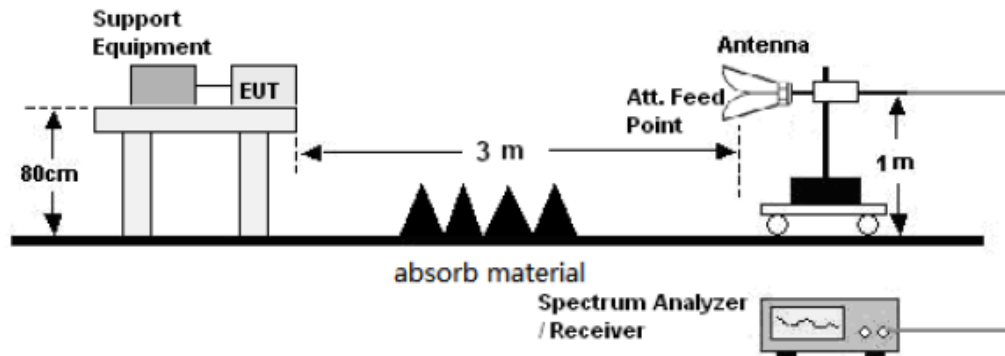
7. Radiation Emission Test

7.1 Block Diagram Of Test Setup

30MHz ~ 1GHz:



Above 1GHz:



7.2 Limit

Limits for Class B devices

Frequency (MHz)	limits at 3m dB(μ V/m)		
	QP Detector	PK Detector	AV Detector
30-88	40.0	--	--
88-216	43.5	--	--
216-960	46.0	--	--
960 to 1000	54.0	--	--
Above 1000	--	74.0	54.0

Note: The lower limit shall apply at the transition frequencies.

7.3 Test Procedure

30MHz ~ 1GHz:

- The Product was placed on the nonconductive turntable 0.8 m above the ground at a chamber.
- Set the spectrum analyzer/receiver in Peak detector, Max Hold mode, and 120 kHz RBW. Record the maximum field strength of all the pre-scan process in the full band when the antenna is varied between 1~4 m in both horizontal and vertical, and the turntable is rotated from 0 to 360 degrees.
- For each frequency whose maximum record was higher or close to limit, measure its QP value: vary the antenna's height and rotate the turntable from 0 to 360 degrees to find the height and degree where Product radiated the maximum emission, then set the test frequency analyzer/receiver to QP Detector and specified bandwidth with Maximum Hold Mode, and record the maximum value.

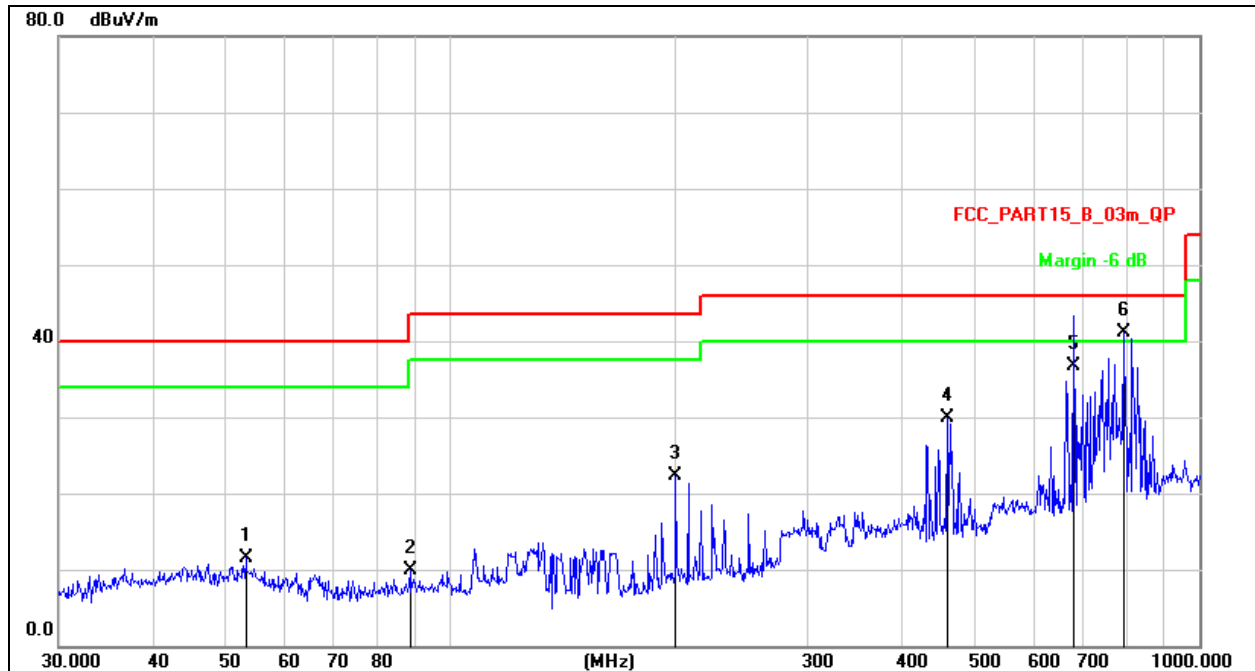
Above 1GHz:

- The Product was placed on the non-conductive turntable 0.8 m above the ground in a full anechoic chamber..
- Set the spectrum analyzer/receiver in Peak detector, Max Hold mode, and 1MHz RBW. Record the maximum field strength of all the pre-scan process in the full band when the antenna is varied in both horizontal and vertical, and the turntable is rotated from 0 to 360 degrees.
- For each frequency whose maximum record was higher or close to limit, measure its AV value: rotate the turntable from 0 to 360 degrees to find the degree where Product radiated the maximum emission, then set the test frequency analyzer/receiver to AV value and specified bandwidth with Maximum Hold Mode, and record the maximum value.



7.4 Test Result

Temperature:	26°C	Relative Humidity:	54%RH
Pressure:	101KPa	Phase:	Horizontal
Test Voltage :	DC 3.7V	Test Mode:	The worst data(RX)

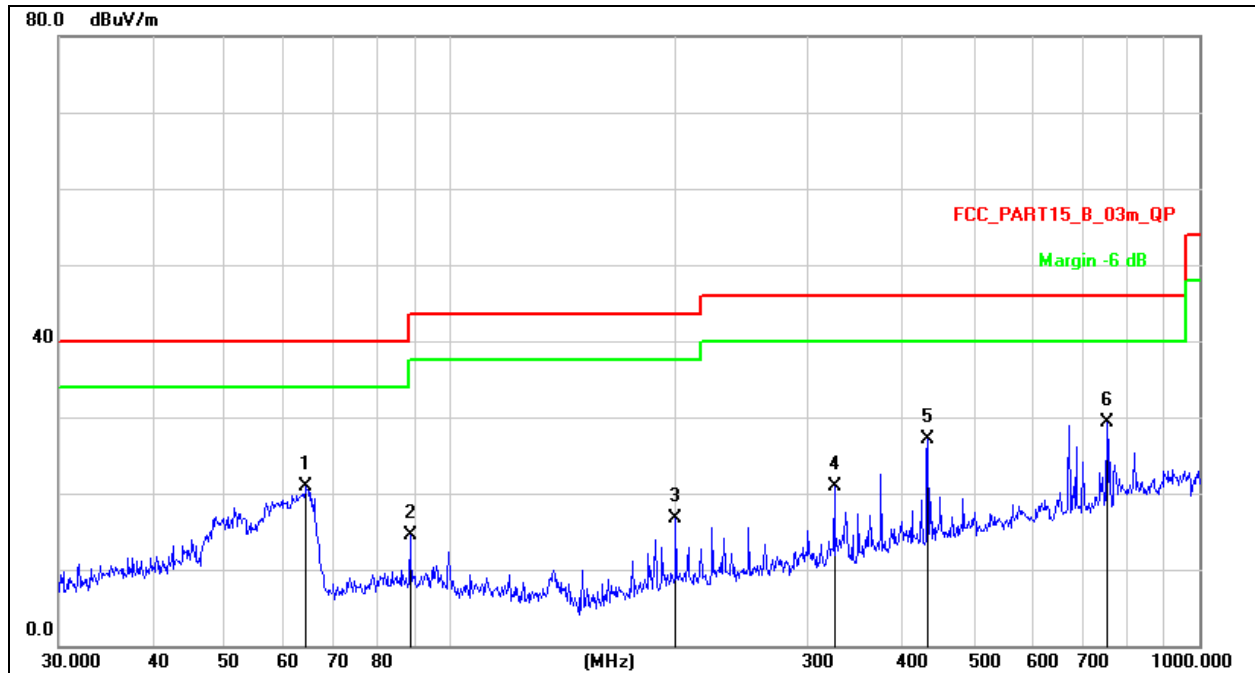


Remark:

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

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB/m	Over dB	Detector
1		53.3179	25.07	-13.50	11.57	40.00	-28.43	QP
2		88.3421	25.22	-15.40	9.82	43.50	-33.68	QP
3		199.9856	36.69	-14.40	22.29	43.50	-21.21	QP
4		460.7271	38.16	-8.19	29.97	46.00	-16.03	QP
5		679.9600	41.78	-5.00	36.78	46.00	-9.22	QP
6	*	793.3960	43.78	-2.75	41.03	46.00	-4.97	QP

Temperature:	26°C	Relative Humidity:	54%RH
Pressure:	101KPa	Phase:	Vertical
Test Voltage :	DC 3.7V	Test Mode:	The worst data(RX)



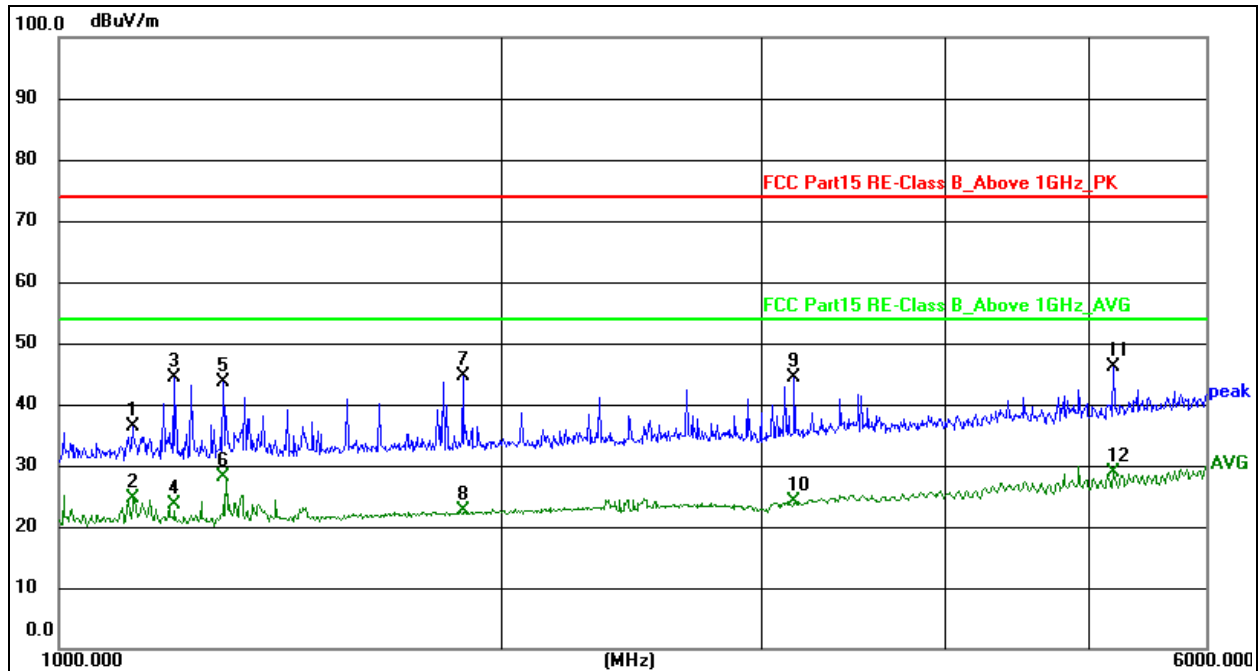
Remark:

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

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector
1		64.2074	36.42	-15.46	20.96	40.00	-19.04	QP
2		88.3421	29.95	-15.40	14.55	43.50	-28.95	QP
3		199.9856	31.15	-14.40	16.75	43.50	-26.75	QP
4		325.5958	32.30	-11.33	20.97	46.00	-25.03	QP
5		434.0651	35.76	-8.72	27.04	46.00	-18.96	QP
6	*	752.7432	32.91	-3.69	29.22	46.00	-16.78	QP

Above 1GHz

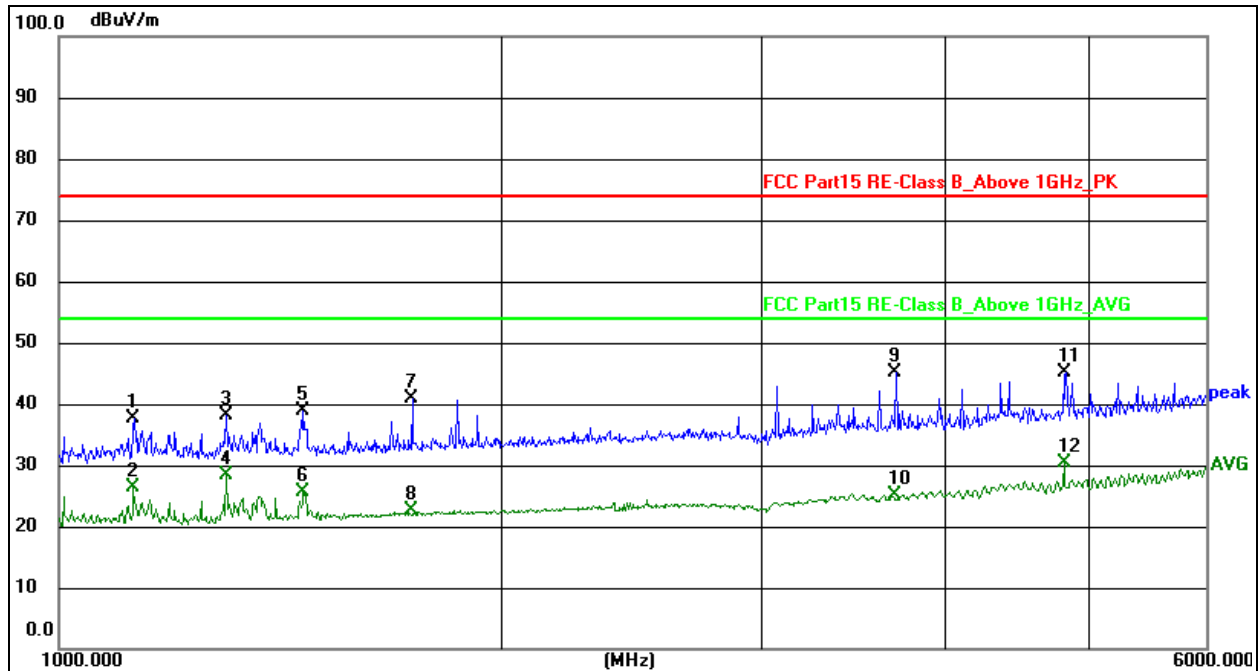
Temperature:	26°C	Relative Humidity:	54%RH
Pressure:	101KPa	Phase:	Horizontal
Test Voltage :	DC 3.7V	Test Mode:	RX


Remark:

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

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1125.532	64.35	-28.05	36.30	74.00	-37.70	peak
2	1125.532	52.71	-28.05	24.66	54.00	-29.34	AVG
3	1196.231	72.29	-27.91	44.38	74.00	-29.62	peak
4	1196.231	51.56	-27.91	23.65	54.00	-30.35	AVG
5	1292.039	71.30	-27.72	43.58	74.00	-30.42	peak
6	1292.039	55.92	-27.72	28.20	54.00	-25.80	AVG
7	1878.924	71.42	-26.77	44.65	74.00	-29.35	peak
8	1878.924	49.40	-26.77	22.63	54.00	-31.37	AVG
9	3153.515	68.84	-24.56	44.28	74.00	-29.72	peak
10	3153.515	48.75	-24.56	24.19	54.00	-29.81	AVG
11	5189.446	65.62	-19.41	46.21	74.00	-27.79	peak
12 *	5189.446	48.19	-19.41	28.78	54.00	-25.22	AVG

Temperature:	26°C	Relative Humidity:	54%RH
Pressure:	101KPa	Phase:	Vertical
Test Voltage :	DC 3.7V	Test Mode:	RX



Remark:

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

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1125.532	65.65	-28.05	37.60	74.00	-36.40	peak
2	1125.532	54.36	-28.05	26.31	54.00	-27.69	AVG
3	1299.003	65.78	-27.70	38.08	74.00	-35.92	peak
4	1299.003	56.02	-27.70	28.32	54.00	-25.68	AVG
5	1464.692	66.20	-27.37	38.83	74.00	-35.17	peak
6	1464.692	52.88	-27.37	25.51	54.00	-28.49	AVG
7	1736.483	67.91	-26.97	40.94	74.00	-33.06	peak
8	1736.483	49.59	-26.97	22.62	54.00	-31.38	AVG
9	3698.711	68.55	-23.40	45.15	74.00	-28.85	peak
10	3698.711	48.54	-23.40	25.14	54.00	-28.86	AVG
11	4821.884	65.50	-20.36	45.14	74.00	-28.86	peak
12 *	4821.884	50.85	-20.36	30.49	54.00	-23.51	AVG

8. EUT Photographs



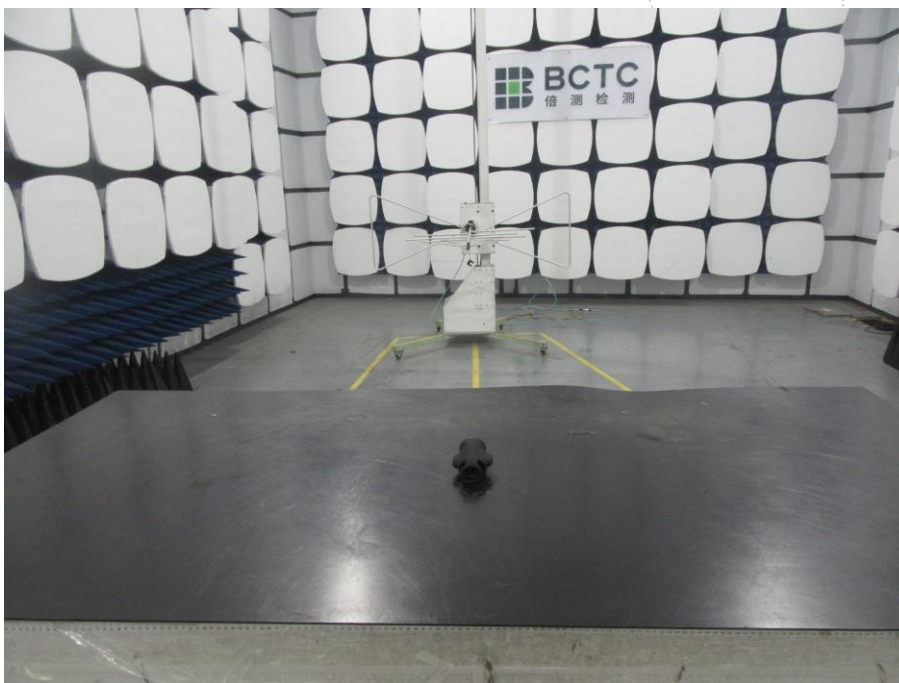
NOTE: Appendix-Photographs Of EUT Constructional Details
(MY031_External & Internal Photos)

9. EUT Test Setup Photographs

Conducted Emission



Radiated Emission





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

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***** END *****

