



FCC TEST REPORT

FCC ID: 2AHPLWPB2

Product Name:	Woodie PowerBank
Trademark:	N/A
Model Number:	WPB2 WPB3,WPB4,WPB5,WPB6
Prepared For :	Woodie s.r.l
Address :	Galleria del Corso 2,20122 Milano,Italy
Prepared By :	Shenzhen BCTC Technology Co., Ltd.
Address :	No.101,Yousong Road, Longhua New District, Shenzhen, China
Report No.:	BCTC-160301810-1E



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TEST RESULT CERTIFICATION

Applicant's name: **Woodie s.r.l**

Address: Galleria del Corso 2,20122 Milano,Italy

Manufacture's Name: **Woodie s.r.l**

Address: Galleria del Corso 2,20122 Milano,Italy

Product description

Product name: **Woodie PowerBank**

Trademark: N/A

Model and/or type
reference : **WPB2**

Serial Model: **WPB3,WPB4,WPB5,WPB6**

Standards: FCC Part 15 C: 2015

Test Date: Mar. 5 - Mar. 10, 2016

Date of Report : Mar. 12, 2016

This device described above has been tested by BCTC, and the test results show that the equipment under And it is applicable only to the tested sample identified in the report.

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Prepared by(Engineer):

Eric Yang

Reviewer(Quality Manager):

Sophie Lee

Approved & Authorized Signer(Manager):

Casey Wang





1. GENERAL INFORMATION

1.1. Report information

- 1.1.1. This report is not a certificate of quality; it only applies to the sample of the specific product/equipment given at the time of its testing. The results are not used to indicate or imply that they are application to the similar items. In addition, such results must not be used to indicate or imply that BCTC approves recommends or endorses the manufacture, supplier or use of such product/equipment, or that BCTC in any way guarantees the later performance of the product/equipment.
- 1.1.2. The sample/s mentioned in this report is/are supplied by Applicant, BCTC therefore assumes no responsibility for the accuracy of information on the brand name, model number, origin of manufacture or any information supplied.
- 1.1.3. Additional copies of the report are available to the Applicant at an additional fee. No third part can obtain a copy of this report through BCTC, unless the applicant has authorized BCTC in writing to do so.

1.2. Test Facility

Site Description
Name of Firm : Shenzhen BCTC Technology Co., Ltd.

Site Location : No.101, Yousong Road, Longhua New District,
Shenzhen, China

1.3. Test Uncertainty

Conducted Emission = $\pm 2.66\text{dB}$
Uncertainty
Radiated Emission Uncertainty = $\pm 4.15\text{dB}$



2. PRODUCT DESCRIPTION

2.1.EUT Description

Description : Woodie PowerBank

Modulation Type: : MSK

Operation Frequency: : 110K~205KHz

Channel number : 20 channels

Model Number : WPB2

Serial Model : WPB3,WPB4,WPB5,WPB6

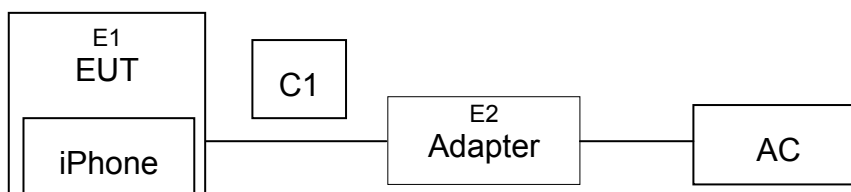
Model Difference : All the same, is different for outlook color, model name, Ring size.

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
- 2.

Channel List			
Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	0.110	11	0.160
02	0.115	12	0.165
~			
10	0.155	20	0.205

2.2.Block Diagram of EUT Configuration



2.3.Test Conditions

Temperature: 23~25℃

Relative Humidity: 55~63 %



2.4. Description Of Support Units (Conducted Mode)

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	Woodie PowerBank	N/A	WPB2	N/A	EUT
E-2	Adapter	N/A	FJ-SW126L0502000UN	N/A	Provide by test lab.
	Mobile phone	iPhone 6	A1530	N/A	
	Battery model	iPhone 6	A1530B	N/A	electric quantity:0%,50%,90%

Item	Shielded Type	Ferrite Core	Length	Note
C1	No Shielded	NO	0.5M	Mini USB cable

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.
- (3) “YES” is means “shielded” “with core”; “NO” is means “unshielded” “without core”.

2.5. TEST Results Summary

Table 1 Test Results Summary

Test Items	Test Results
Conducted disturbance	Pass
Radiated disturbance	Pass

Remark: “N/A” means “Not applicable.”

DESCRIPTION OF TEST MODES

For Conducted & Radiated Emission	
Final Test Mode	Description
Mode 1	TX Low Channel 110kHz
Mode 2	TX High channel 205kHz
Mode 3	TX Middle channel 155kHz
Mode 4	RX Mode
Mode 5	Transfer mode(Battery's electric quantity reference item2.4)

we pretest all mode, the report only show the worst mode.



3. TEST EQUIPMENT USED

3.1. For Conducted Emission Test

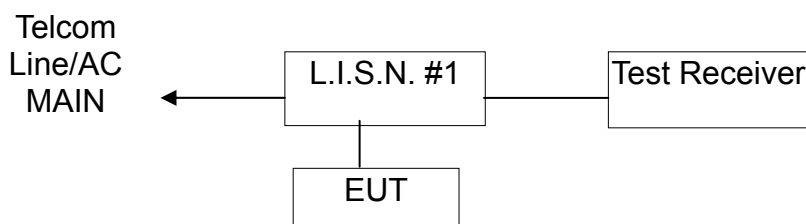
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Test Receiver	Rohde & Schwarz	ESCI30	828985/018	Aug. 24,2015	1 Year
2	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100006	Aug. 24,2015	1 Year
3	L.I.S.N.	Rohde & Schwarz	ESH2-Z5	834549/005	Aug. 24,2015	1 Year

3.2. For Radiated Emission Measurement

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Spectrum Analyzer	ANRITSU	MS2661C	6200140915	Aug. 24,2015	1 Year
2	Test Receiver	Rohde&Schwarz	ESCI30	828985/018	Aug. 24,2015	1 Year
3	Bilog Antenna	Schwarzbeck	VULB9163	142	Aug. 24,2015	1 Year
4	50 Coaxial Switch	Anritsu Corp	MP59B	6100237248	Aug. 24,2015	1 Year
5	Cable	Schwarzbeck	AK9513	ACRX1	Aug. 24,2015	1 Year
7	Cable	Schwarzbeck	AK9513	CRRX2	Aug. 24,2015	1 Year
9	Single Phase Power Line Filter	MPE	23332C	N/A	Aug. 24,2015	1 Year
10	Single Phase Power Line Filter	MPE	23333C	N/A	Aug. 24,2015	1 Year
11	Signal Generator	HP	864A	3625U00573	Aug. 24,2015	1 Year
12	Loop Antenna	ARA	PLA-1030/B	1029	Aug. 24,2015	1 Year

4. CONDUCTED EMISSION TEST

4.1. Block Diagram of Test Setup



(EUT: **Woodie PowerBank**)

4.2. Test Standard

FCC Part 15 C: 2015

4.3. Conducted Emission Limit (Class B)

Frequency MHz	Limits dB(μV)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66 ~ 56*	56 ~ 46*
0.50 ~ 5.00	56	46
5.00 ~ 30.00	60	50

Notes: 1. *Decreasing linearly with logarithm of frequency.

4.4. EUT Configuration on Test

The following equipments are installed on conducted emission test to meet Part 15 B requirement and operating in a manner, which tends to maximize its emission characteristics in a normal application.

4.4.1. **Woodie PowerBank**

Model Number: **WPB2**

4.5. Operating Condition of EUT

4.5.1. Setup the EUT and simulators as shown in Section 5.1.

4.5.2. Turn on the power of all equipments.

4.5.3. Let the EUT work in test modes (energy transfer mode).



4.6. Test Procedure

The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI test receiver (R&S Test Receiver ESCI30) is used to test the emissions form both sides of AC line. The bandwidth of EMI test receiver is set at 9kHz.

The bandwidth of the test receiver (R&S Test Receiver ESCI30) is set at 10KHz.

4.7. Test Result

PASS

Please refer to the following pages.

we pretest all mode, only the mode 5 was worst mode and the data recording in the report.

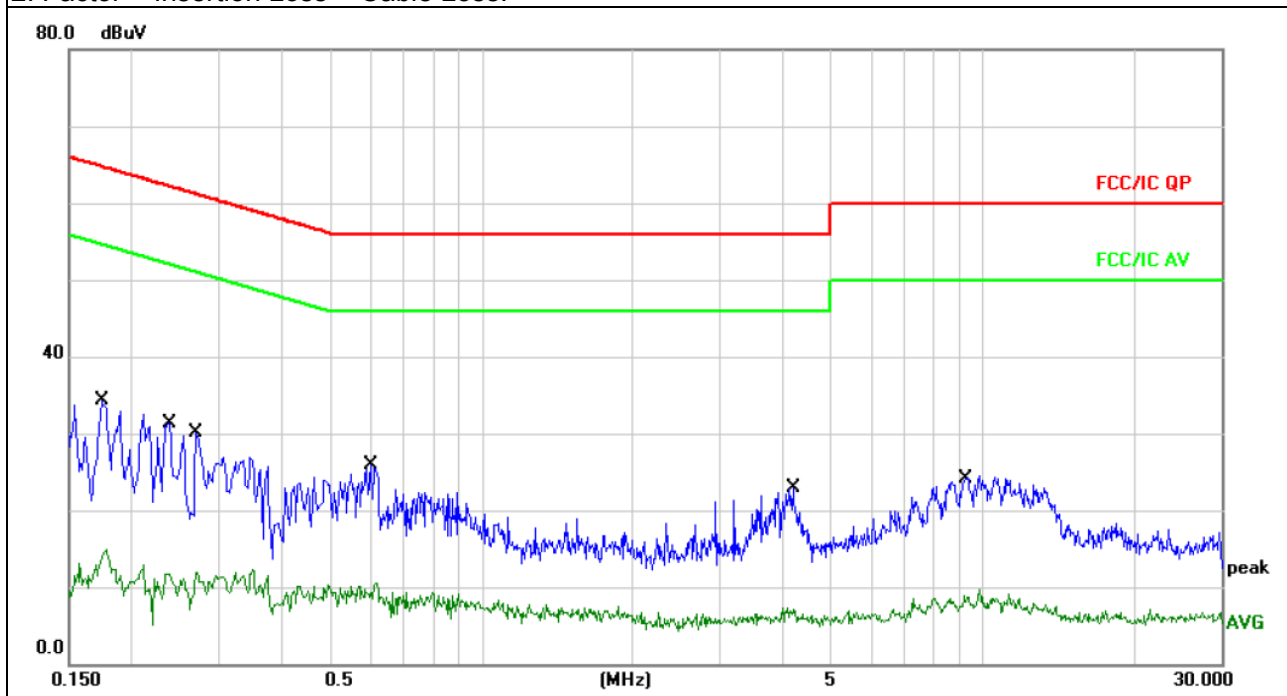


EUT:	Woodie PowerBank	Model Name :	WPB2
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	L
Test Voltage :	AC 120V/60Hz	Test Mode:	Mode 5

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1728	24.23	10.06	34.29	64.82	-30.53	QP	
2		0.1728	3.29	10.06	13.35	54.82	-41.47	AVG	
3		0.2374	21.30	10.08	31.38	62.18	-30.80	QP	
4		0.2374	1.56	10.08	11.64	52.18	-40.54	AVG	
5		0.2669	20.06	10.09	30.15	61.21	-31.06	QP	
6		0.2669	1.90	10.09	11.99	51.21	-39.22	AVG	
7	*	0.6014	15.72	10.12	25.84	56.00	-30.16	QP	
8		0.6014	-0.80	10.12	9.32	46.00	-36.68	AVG	
9		4.1733	12.74	10.16	22.90	56.00	-33.10	QP	
10		4.1733	-3.40	10.16	6.76	46.00	-39.24	AVG	
11		9.2530	14.04	10.12	24.16	60.00	-35.84	QP	
12		9.2530	-1.95	10.12	8.17	50.00	-41.83	AVG	

Remark:

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



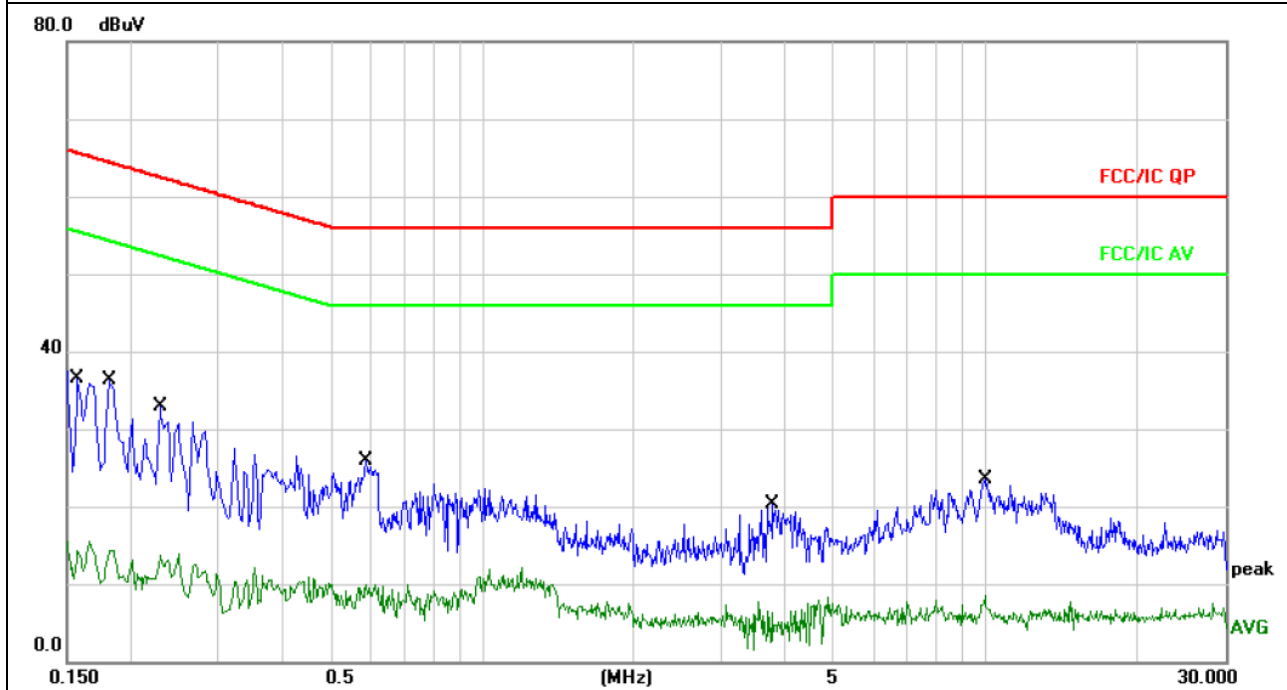


EUT:	Woodie PowerBank	Model Name. :	WPB2
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	N
Test Voltage :	AC 120V/60Hz	Test Mode:	Mode 5

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1570	26.47	10.05	36.52	65.62	-29.10	QP	
2		0.1570	4.27	10.05	14.32	55.62	-41.30	AVG	
3	*	0.1811	26.23	10.06	36.29	64.43	-28.14	QP	
4		0.1811	4.33	10.06	14.39	54.43	-40.04	AVG	
5		0.2268	22.75	10.07	32.82	62.56	-29.74	QP	
6		0.2268	3.65	10.07	13.72	52.56	-38.84	AVG	
7		0.5833	15.82	10.12	25.94	56.00	-30.06	QP	
8		0.5833	-0.25	10.12	9.87	46.00	-36.13	AVG	
9		3.7751	10.05	10.17	20.22	56.00	-35.78	QP	
10		3.7751	-7.49	10.17	2.68	46.00	-43.32	AVG	
11		10.0183	13.39	10.12	23.51	60.00	-36.49	QP	
12		10.0183	-2.88	10.12	7.24	50.00	-42.76	AVG	

Remark:

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



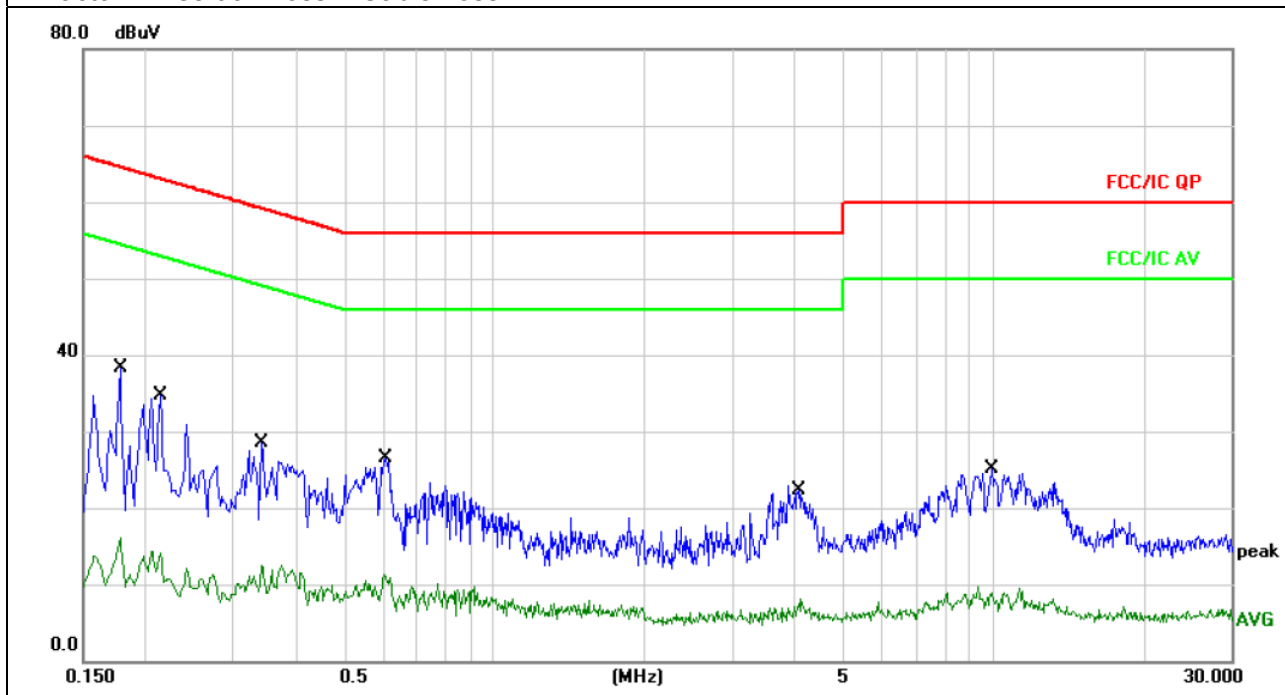


EUT:	Woodie PowerBank	Model Name :	WPB2
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	L
Test Voltage :	AC 120V/60Hz	Test Mode:	Mode 1

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV	dBuV	dB		
1	*	0.1780	28.17	10.06	38.23	64.57	-26.34	QP	
2		0.1785	4.91	10.06	14.97	54.55	-39.58	AVG	
3		0.2140	24.56	10.07	34.63	63.04	-28.41	QP	
4		0.2140	3.98	10.07	14.05	53.04	-38.99	AVG	
5		0.3420	18.37	10.10	28.47	59.15	-30.68	QP	
6		0.3420	2.41	10.10	12.51	49.15	-36.64	AVG	
7		0.6060	16.45	10.13	26.58	56.00	-29.42	QP	
8		0.6108	0.07	10.13	10.20	46.00	-35.80	AVG	
9		4.0899	12.21	10.16	22.37	56.00	-33.63	QP	
10		4.0899	-2.56	10.16	7.60	46.00	-38.40	AVG	
11		9.9339	15.06	10.12	25.18	60.00	-34.82	QP	
12		10.0219	-1.97	10.12	8.15	50.00	-41.85	AVG	

Remark:

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



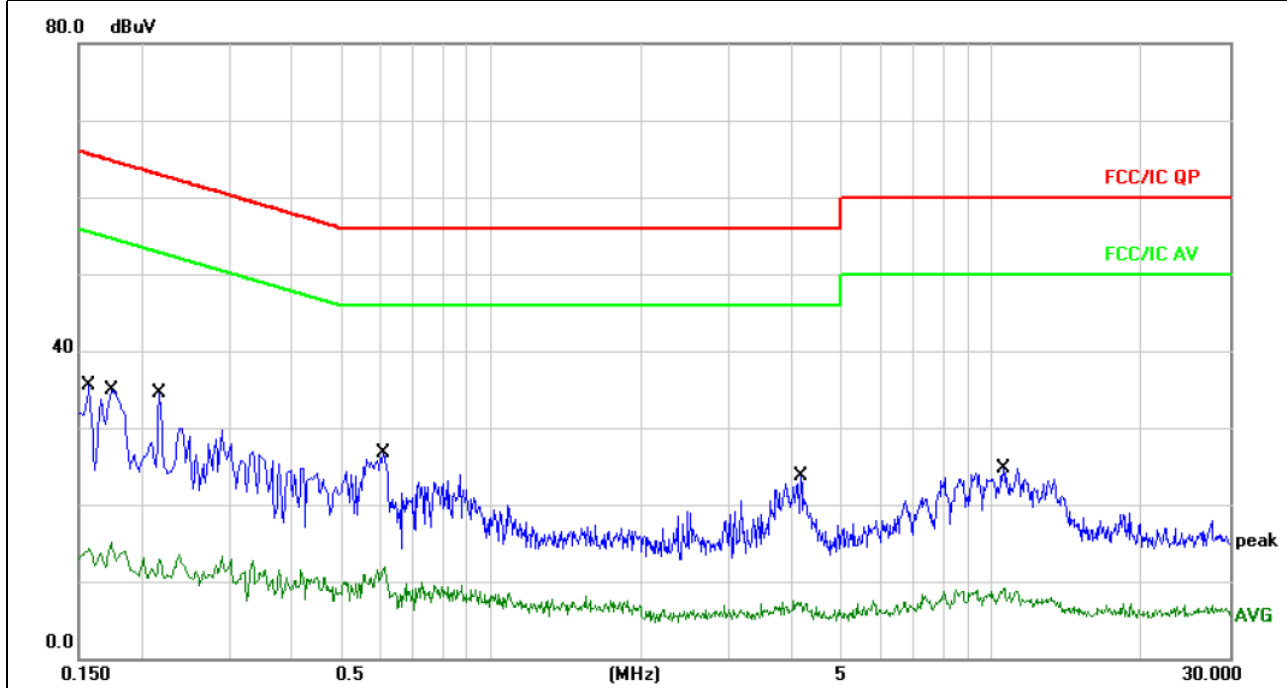


EUT:	Woodie PowerBank	Model Name. :	WPB2
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	N
Test Voltage :	AC 120V/60Hz	Test Mode:	Mode 1

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1580	25.51	10.05	35.56	65.56	-30.00	QP	
2		0.1580	4.17	10.05	14.22	55.56	-41.34	AVG	
3		0.1740	5.09	10.06	15.15	54.76	-39.61	AVG	
4		0.1748	24.74	10.06	34.80	64.72	-29.92	QP	
5	*	0.2180	24.42	10.07	34.49	62.89	-28.40	QP	
6		0.2180	2.89	10.07	12.96	52.89	-39.93	AVG	
7		0.6100	16.51	10.13	26.64	56.00	-29.36	QP	
8		0.6140	1.71	10.13	11.84	46.00	-34.16	AVG	
9		4.1739	13.54	10.16	23.70	56.00	-32.30	QP	
10		4.1739	-2.81	10.16	7.35	46.00	-38.65	AVG	
11		10.5739	14.56	10.13	24.69	60.00	-35.31	QP	
12		10.6618	-0.95	10.13	9.18	50.00	-40.82	AVG	

Remark:

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



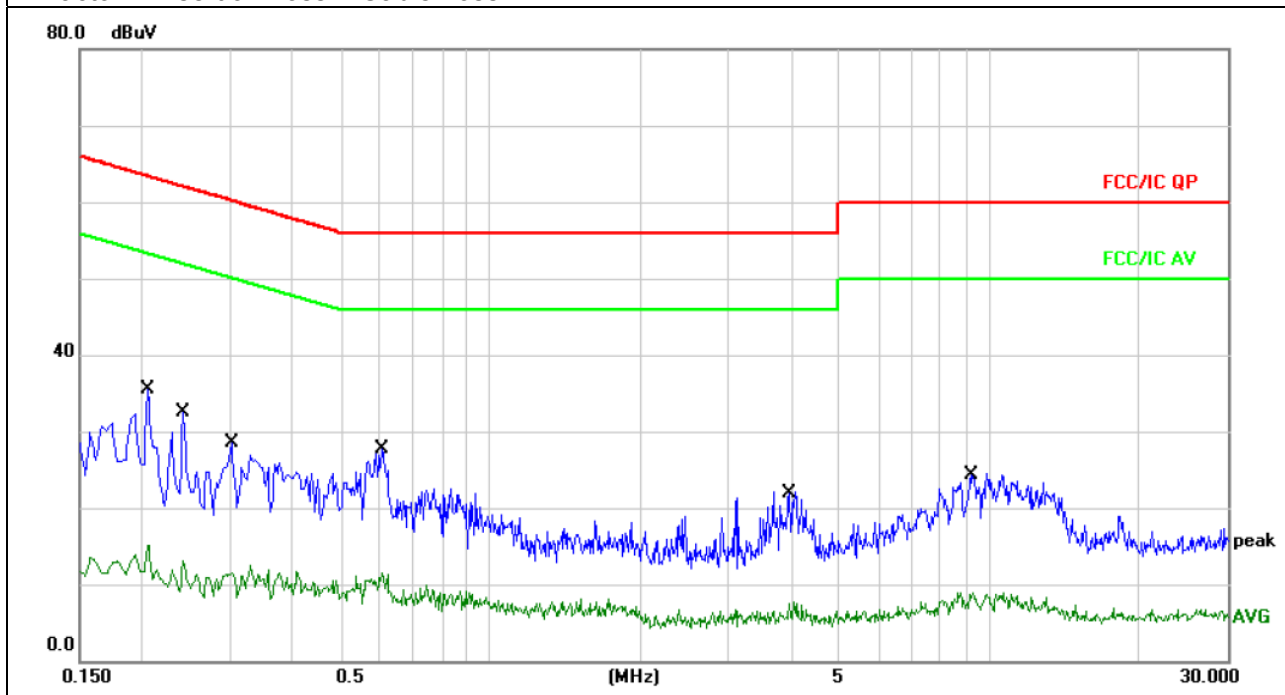


EUT:	Woodie PowerBank	Model Name :	WPB2
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	L
Test Voltage :	AC 120V/60Hz	Test Mode:	Mode 2

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.2060	25.43	10.07	35.50	63.36	-27.86	QP	
2		0.2060	5.04	10.07	15.11	53.36	-38.25	AVG	
3		0.2420	22.48	10.08	32.56	62.02	-29.46	QP	
4		0.2420	2.94	10.08	13.02	52.02	-39.00	AVG	
5		0.3020	18.36	10.09	28.45	60.19	-31.74	QP	
6		0.3020	1.44	10.09	11.53	50.19	-38.66	AVG	
7		0.6060	17.57	10.13	27.70	56.00	-28.30	QP	
8		0.6060	1.43	10.13	11.56	46.00	-34.44	AVG	
9		3.9660	11.72	10.16	21.88	56.00	-34.12	QP	
10		3.9660	-2.69	10.16	7.47	46.00	-38.53	AVG	
11		9.1699	14.18	10.12	24.30	60.00	-35.70	QP	
12		9.2819	-1.24	10.12	8.88	50.00	-41.12	AVG	

Remark:

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



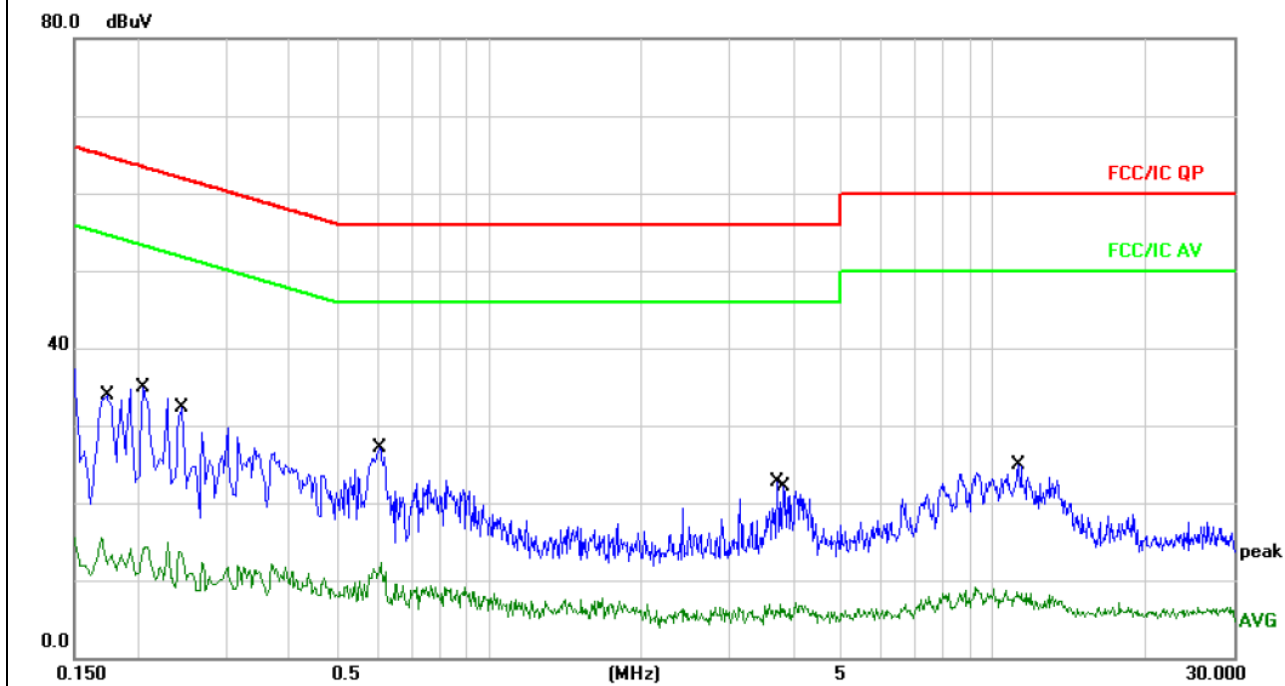


EUT:	Woodie PowerBank	Model Name. :	WPB2
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	N
Test Voltage :	AC 120V/60Hz	Test Mode:	Mode 2

No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	0.1720	3.61	10.06	13.67	54.86	-41.19	AVG	
2	0.1740	23.77	10.06	33.83	64.76	-30.93	QP	
3 *	0.2060	24.77	10.07	34.84	63.36	-28.52	QP	
4	0.2060	4.12	10.07	14.19	53.36	-39.17	AVG	
5	0.2420	3.67	10.08	13.75	52.02	-38.27	AVG	
6	0.2460	22.16	10.08	32.24	61.89	-29.65	QP	
7	0.6060	16.94	10.13	27.07	56.00	-28.93	QP	
8	0.6100	2.09	10.13	12.22	46.00	-33.78	AVG	
9	3.7220	12.55	10.17	22.72	56.00	-33.28	QP	
10	3.7940	-3.33	10.17	6.84	46.00	-39.16	AVG	
11	11.1539	-1.68	10.13	8.45	50.00	-41.55	AVG	
12	11.2339	14.70	10.13	24.83	60.00	-35.17	QP	

Remark:

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



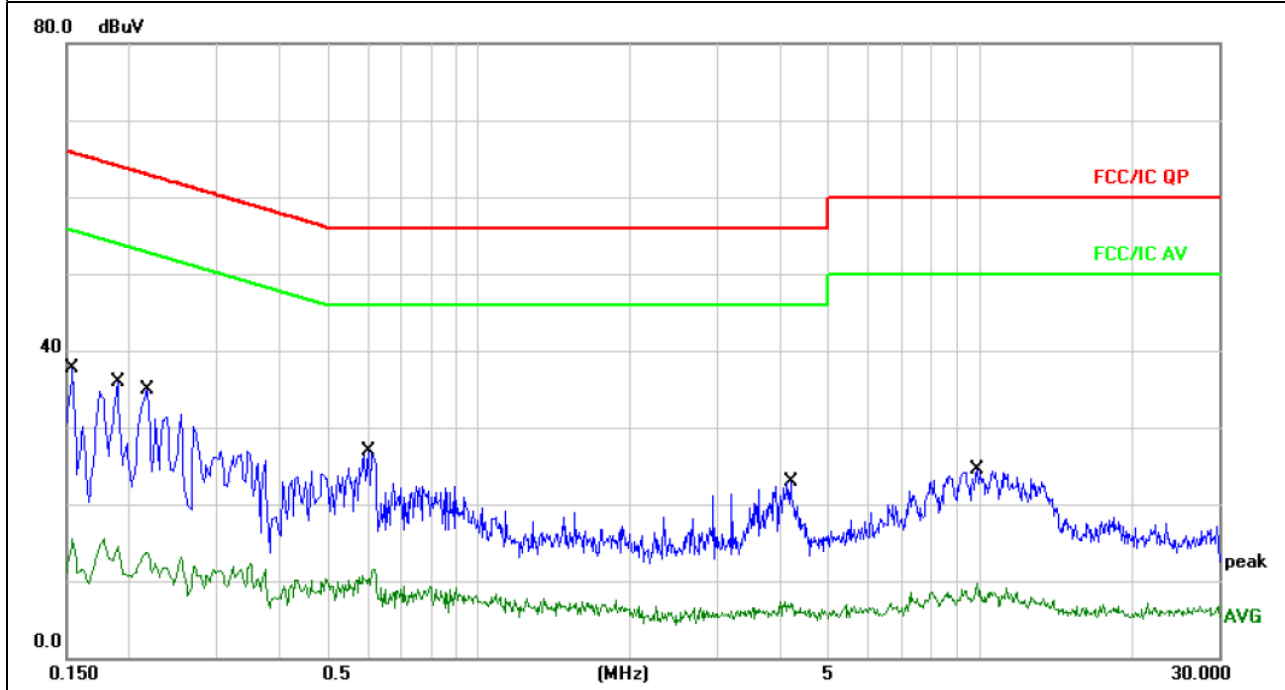


EUT:	Woodie PowerBank	Model Name :	WPB2
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	L
Test Voltage :	AC 120V/60Hz	Test Mode:	Mode 3

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1539	27.71	10.05	37.76	65.78	-28.02	QP	
2		0.1539	5.47	10.05	15.52	55.78	-40.26	AVG	
3		0.1900	25.78	10.06	35.84	64.03	-28.19	QP	
4		0.1900	4.51	10.06	14.57	54.03	-39.46	AVG	
5	*	0.2180	24.81	10.07	34.88	62.89	-28.01	QP	
6		0.2184	3.33	10.07	13.40	52.88	-39.48	AVG	
7		0.5980	-0.35	10.12	9.77	46.00	-36.23	AVG	
8		0.6020	16.70	10.13	26.83	56.00	-29.17	QP	
9		4.1819	12.74	10.16	22.90	56.00	-33.10	QP	
10		4.2139	-3.40	10.16	6.76	46.00	-39.24	AVG	
11		9.9098	14.32	10.12	24.44	60.00	-35.56	QP	
12		9.9098	-0.50	10.12	9.62	50.00	-40.38	AVG	

Remark:

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



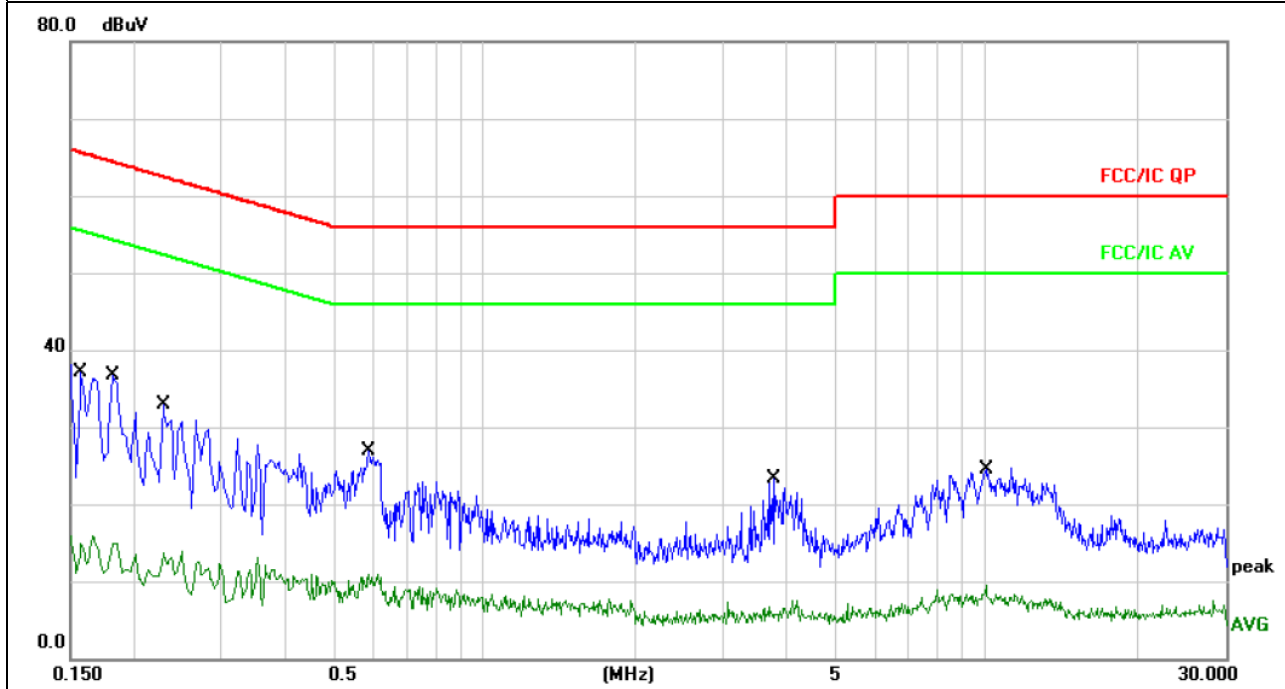


EUT:	Woodie PowerBank	Model Name. :	WPB2
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	N
Test Voltage :	AC 120V/60Hz	Test Mode:	Mode 3

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1580	26.97	10.05	37.02	65.56	-28.54	QP	
2		0.1580	4.77	10.05	14.82	55.56	-40.74	AVG	
3	*	0.1819	26.73	10.06	36.79	64.39	-27.60	QP	
4		0.1833	4.82	10.06	14.88	54.33	-39.45	AVG	
5		0.2300	22.75	10.07	32.82	62.45	-29.63	QP	
6		0.2303	3.52	10.07	13.59	52.44	-38.85	AVG	
7		0.5860	-0.07	10.12	10.05	46.00	-35.95	AVG	
8		0.5899	16.82	10.12	26.94	56.00	-29.06	QP	
9		3.7980	13.05	10.17	23.22	56.00	-32.78	QP	
10		3.7980	-4.49	10.17	5.68	46.00	-40.32	AVG	
11		10.0259	14.39	10.12	24.51	60.00	-35.49	QP	
12		10.0259	-1.88	10.12	8.24	50.00	-41.76	AVG	

Remark:

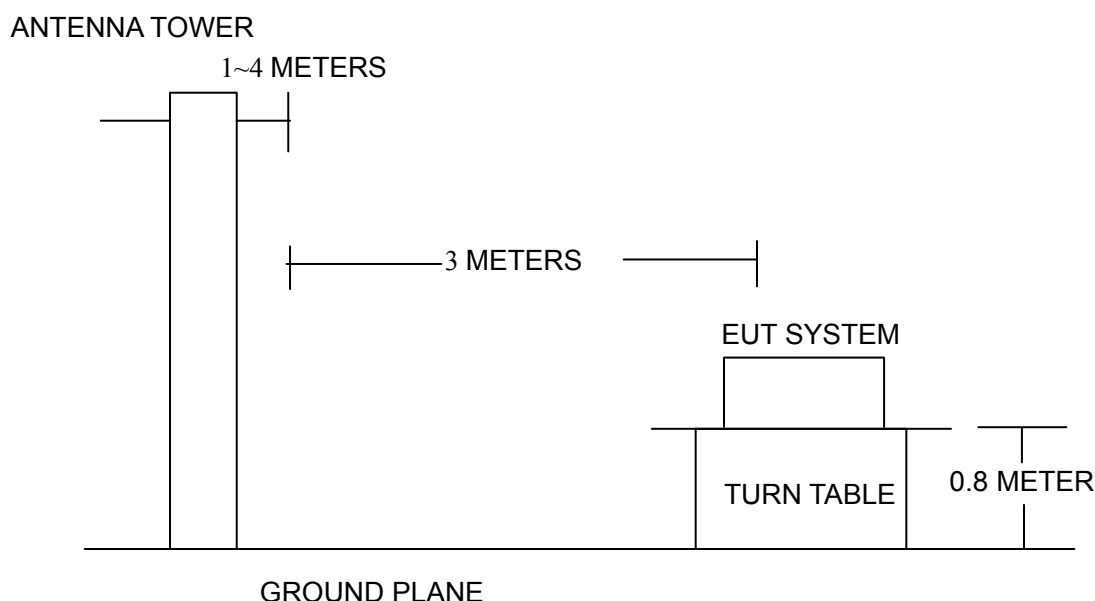
1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.



5. RADIATED EMISSION MEASUREMENT

5.1. Block Diagram of Test Setup

5.1.1. Anechoic Chamber Test Setup Diagram



5.2. Test Standard

FCC Part 15 C: 2015

5.3. Radiated Emission Limit(Class B)

FREQUENCY (MHz)	DISTANCE (Meters)	FIELD STRENGTHS LIMITS (microvolt/meter)
0.009~0.490	300	2400/F(kHz)
0.490~1.705	30	24000/F(kHz)
1.705~30	30	30.0
30 ~ 88	3	100.0
88 ~ 216	3	150.0
216 ~ 960	3	200.0
960 ~ 1000	3	500.0

Note:(1) The smaller limit shall apply at the edge between two frequency bands.
(2) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the EUT or system.
(3) According to §15.31 (f)(2),
- 300 m Result(dBuV/m) = 3 m Result(dBuV/m) - 40log(300/3) (dBuV/m)
- 30 m Result(dBuV/m) = 3 m Result(dBuV/m) - 40log(30/3) (dBuV/m)
(4) According to field strength table of general requirement in §15.209 (a), field strength limits below



1.705 MHz were calculated as below.

- 9 kHz to 490 kHz : $20\log(2\ 400 / F \text{ (kHz)})$ at 300 m (dBuV/m)
- 490 kHz to 1 705 kHz : $20\log(24\ 000 / F \text{ (kHz)})$ at 30 m (dBuV/m)
- 1.705 MHz to 30 MHz : 30 at 30 m (dBuV/m)

(5) According to §15.209 (d), the measurements were tested by using Quasi peak detector except for the frequency bands 9 – 90 kHz, 110 – 490 kHz and above 1 GHz in these three bands on measurements employing an average detector.

5.4.EUT Configuration on Test

The following equipment are installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

Operating Condition of EUT

5.4.1.Setup the EUT as shown on Section 6.1

5.4.2.Turn on the power of all equipments.

5.4.3.Let the EUT work in test mode(communication mode).

5.5.Test Procedure

The EUT is placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna which is mounted on a antenna tower. The antenna can move up and down between 1 to 4 meters to find out the maximum emission level. Broadband antenna (calibrated by dipole antenna) are used as a receiving antenna. Both horizontal and vertical polarization of the antenna are set on measurement.

The bandwidth setting on the test receiver is 120 KHz.

The EUT is tested in Anechoic Chamber. The frequency range from 30MHz to 1000MHz is checked. All the test results are listed in Section 6.6.



5.6.Test Result

PASS

Please refer to the following pages.

9KHz-30MHz

EUT:	Woodie PowerBank	Model Name :	WPB2
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010 hPa	Polarization :	Horizontal
Test Voltage :	DC5V For Adapter		
Test Mode :	Mode 5		

Freq.	Reading	Correct Factor	Result	Limit	Margin	Detector	State
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m) at 3 m	(dB)		P/F
0.110	72.94	18.63	91.57	126.77	-15.20	PK	PASS
0.110	66.98	18.63	85.61	106.77	-21.16	AV	PASS
0.155	75.68	18.63	94.31	123.79	-9.48	PK	PASS
0.155	65.58	18.63	84.21	103.79	-19.58	AV	PASS
0.205	74.76	18.66	93.42	121.37	-7.95	PK	PASS
0.205	65.86	18.66	84.52	101.37	-16.85	AV	PASS
0.220	44.06	18.66	62.72	120.76	-38.04	PK	PASS
0.220	41.57	18.66	60.23	100.76	-40.53	AV	PASS
0.310	44.28	18.74	63.02	117.78	-34.76	PK	PASS
0.310	40.36	18.74	59.10	97.78	-38.68	AV	PASS
0.410	43.94	18.77	62.71	115.35	-32.64	PK	PASS
0.410	40.16	18.77	58.93	95.35	-36.42	AV	PASS
1.963	16.95	19.38	36.33	60.00	-23.67	QP	PASS
1.958	16.33	19.38	35.71	60.00	-24.29	QP	PASS

NOTE:

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor = $40 \log (\text{specific distance}/\text{test distance})$ (dB);

Limit line = specific limits(dBuV) + distance extrapolation factor.



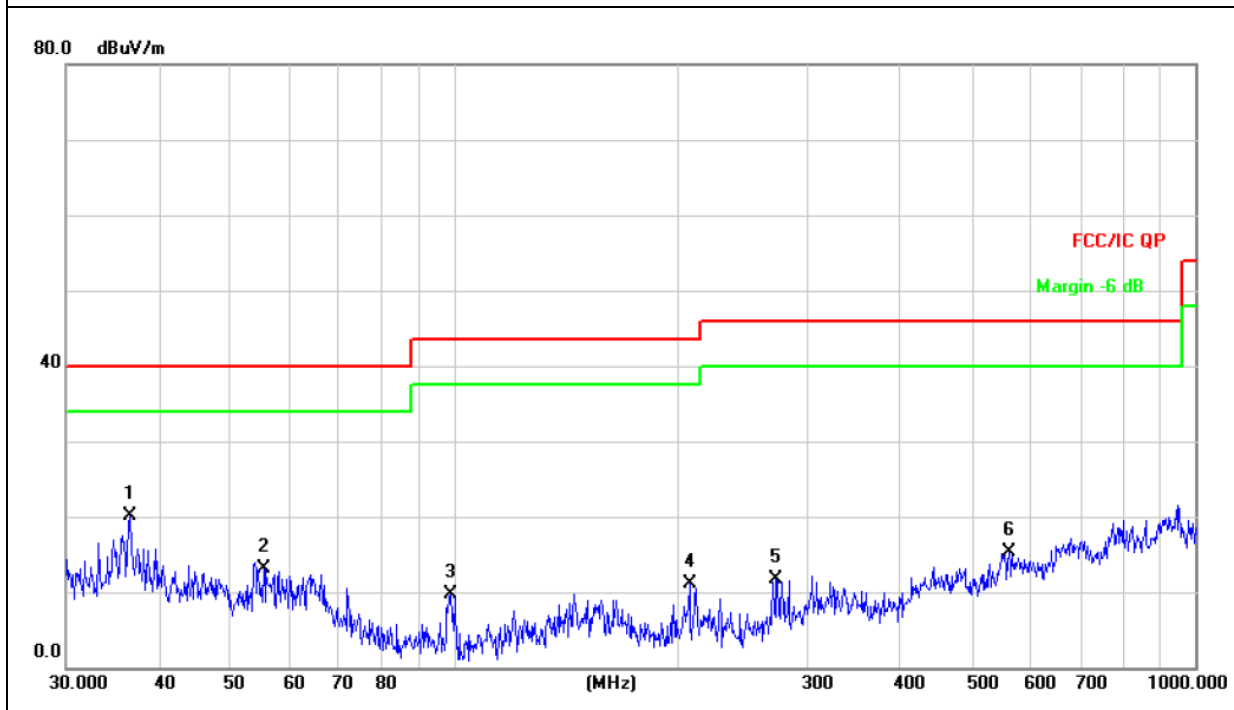
30MHz-1GHz

EUT:	Woodie PowerBank	Model Name :	WPB2
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010 hPa	Polarization :	Horizontal
Test Voltage :	DC5V For Adapter		
Test Mode :	Mode 5		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	36.6375	28.71	-8.64	20.07	40.00	-19.93	QP		
2		55.4147	24.17	-11.16	13.01	40.00	-26.99	QP		
3		98.8324	26.33	-16.60	9.73	43.50	-33.77	QP		
4		207.8500	27.13	-15.98	11.15	43.50	-32.35	QP		
5		272.2776	25.18	-13.42	11.76	46.00	-34.24	QP		
6		560.6928	22.05	-6.80	15.25	46.00	-30.75	QP		

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.



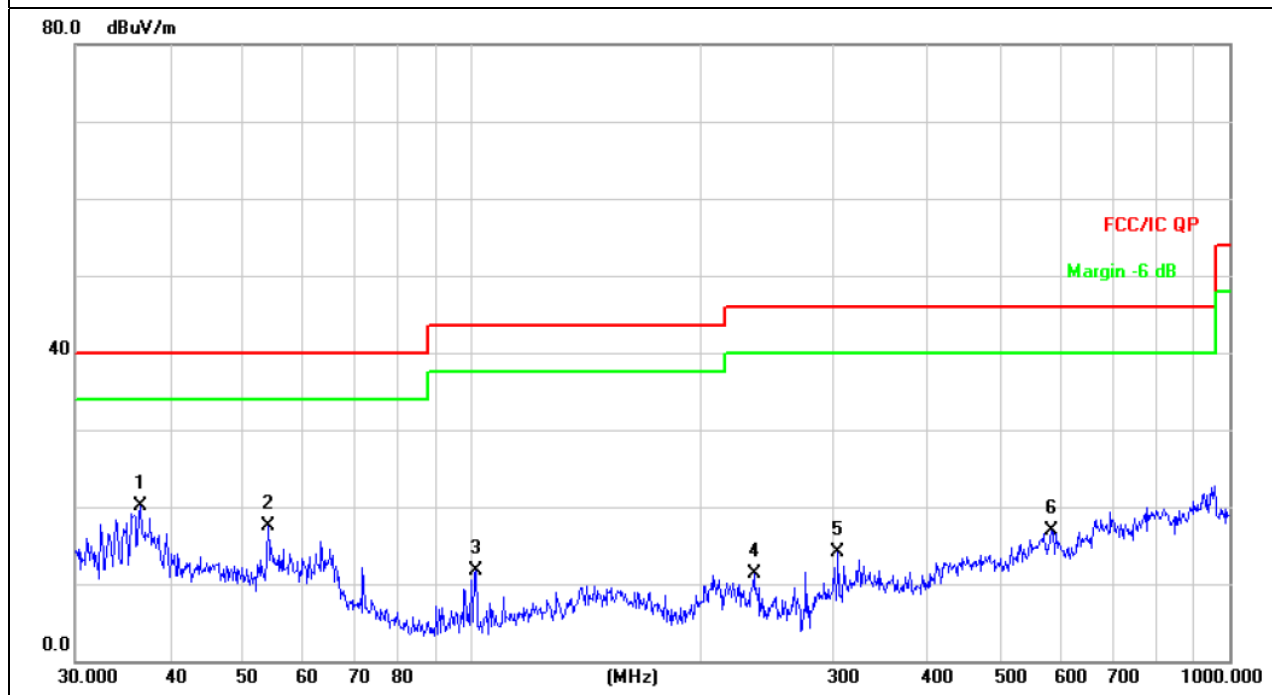


EUT:	Woodie PowerBank	Model Name :	WPB2
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010 hPa	Polarization :	Vertical
Test Voltage :	DC5V For Adapter		
Test Mode :	Mode 5		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	36.6375	28.71	-8.64	20.07	40.00	-19.93	QP		
2		53.8817	28.46	-10.93	17.53	40.00	-22.47	QP		
3		101.2883	27.98	-16.36	11.62	43.50	-31.88	QP		
4		235.8163	25.94	-14.72	11.22	46.00	-34.78	QP		
5		304.6099	26.53	-12.47	14.06	46.00	-31.94	QP		
6		582.7423	23.06	-6.20	16.86	46.00	-29.14	QP		

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.



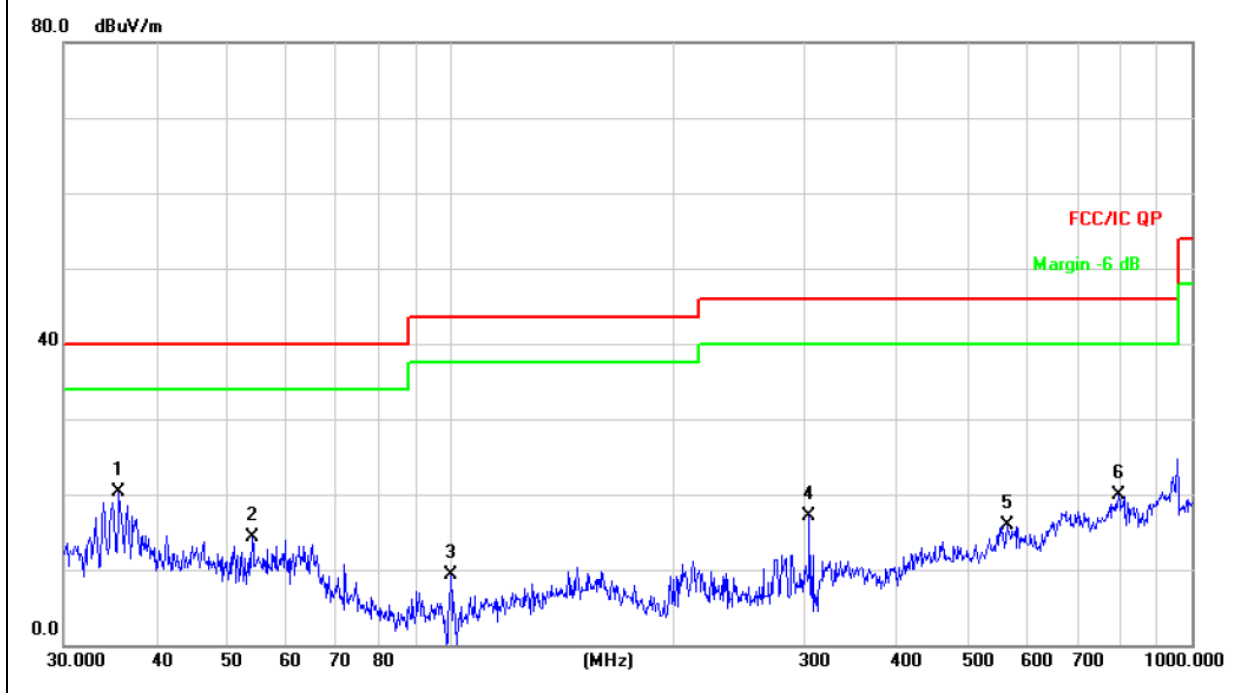


EUT:	Woodie PowerBank	Model Name :	WPB2
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010 hPa	Polarization :	Horizontal
Test Voltage :	DC5V For Adapter		
Test Mode :	Mode 1		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	35.6240	28.90	-8.56	20.34	40.00	-19.66	QP		
2		53.8817	25.25	-10.93	14.32	40.00	-25.68	QP		
3		99.8777	25.78	-16.49	9.29	43.50	-34.21	QP		
4		304.6099	29.60	-12.47	17.13	46.00	-28.87	QP		
5		562.6624	22.68	-6.75	15.93	46.00	-30.07	QP		
6		796.1829	22.49	-2.56	19.93	46.00	-26.07	QP		

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.



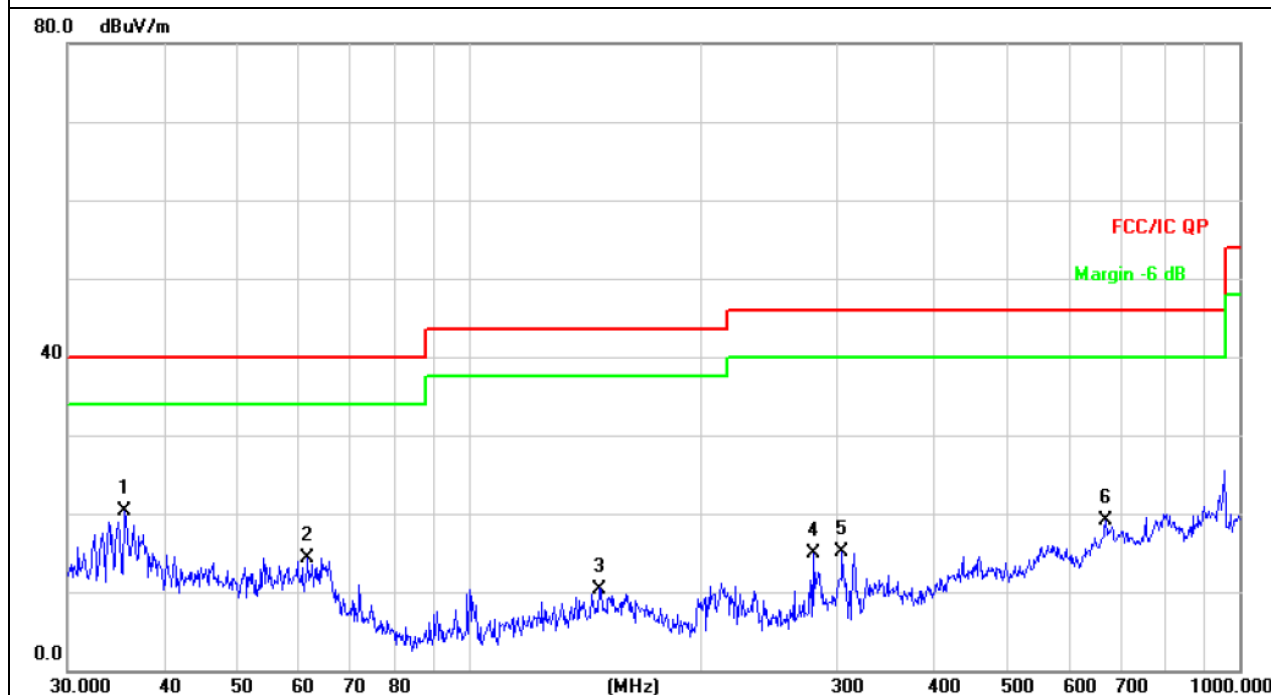


EUT:	Woodie PowerBank	Model Name :	WPB2
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010 hPa	Polarization :	Vertical
Test Voltage :	DC5V For Adapter		
Test Mode :	Mode 1		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	35.6240	28.90	-8.56	20.34	40.00	-19.66	QP		
2		61.5617	26.22	-11.83	14.39	40.00	-25.61	QP		
3		147.4036	23.40	-13.00	10.40	43.50	-33.10	QP		
4		279.0436	28.10	-13.13	14.97	46.00	-31.03	QP		
5		304.6099	27.60	-12.47	15.13	46.00	-30.87	QP		
6		670.4891	23.94	-4.83	19.11	46.00	-26.89	QP		

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.



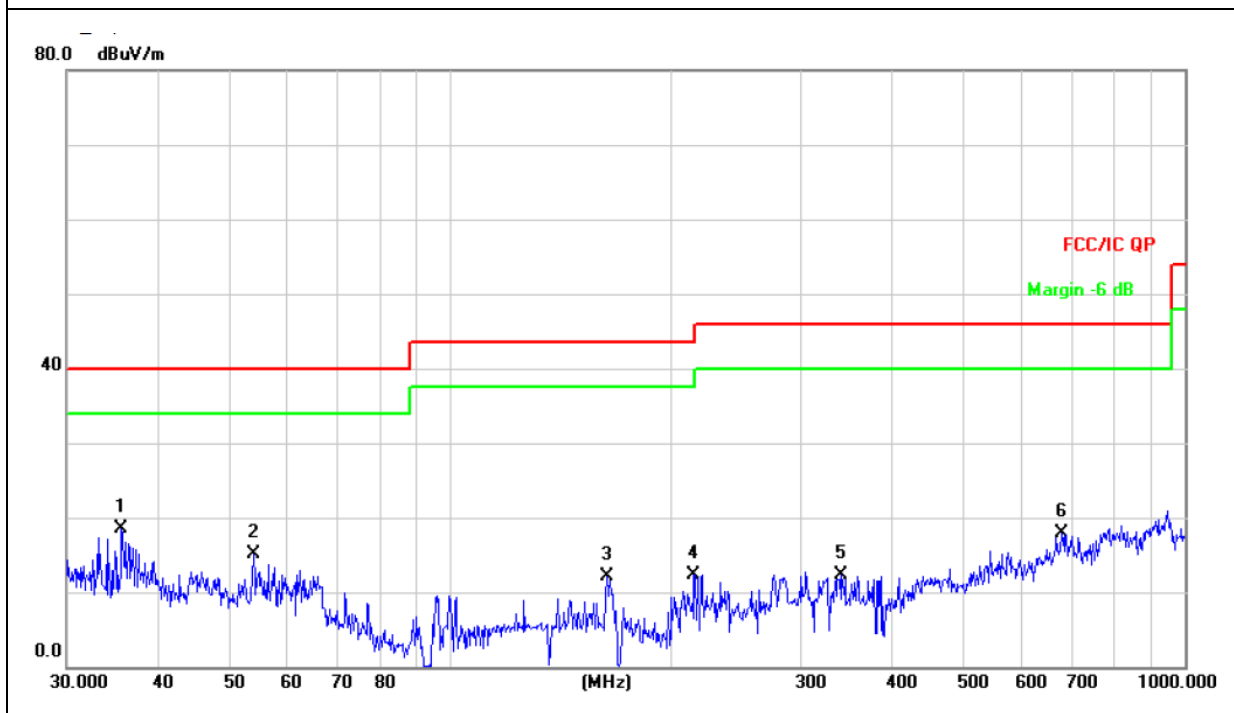


EUT:	Woodie PowerBank	Model Name :	WPB2
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010 hPa	Polarization :	Horizontal
Test Voltage :	DC5V For Adapter		
Test Mode :	Mode 2		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	35.6240	27.14	-8.56	18.58	40.00	-21.42	QP		
2		53.8817	26.00	-10.93	15.07	40.00	-24.93	QP		
3		163.1818	25.14	-13.05	12.09	43.50	-31.41	QP		
4		214.5141	28.04	-15.78	12.26	43.50	-31.24	QP		
5		340.7817	23.91	-11.56	12.35	46.00	-33.65	QP		
6		679.9600	22.51	-4.69	17.82	46.00	-28.18	QP		

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.



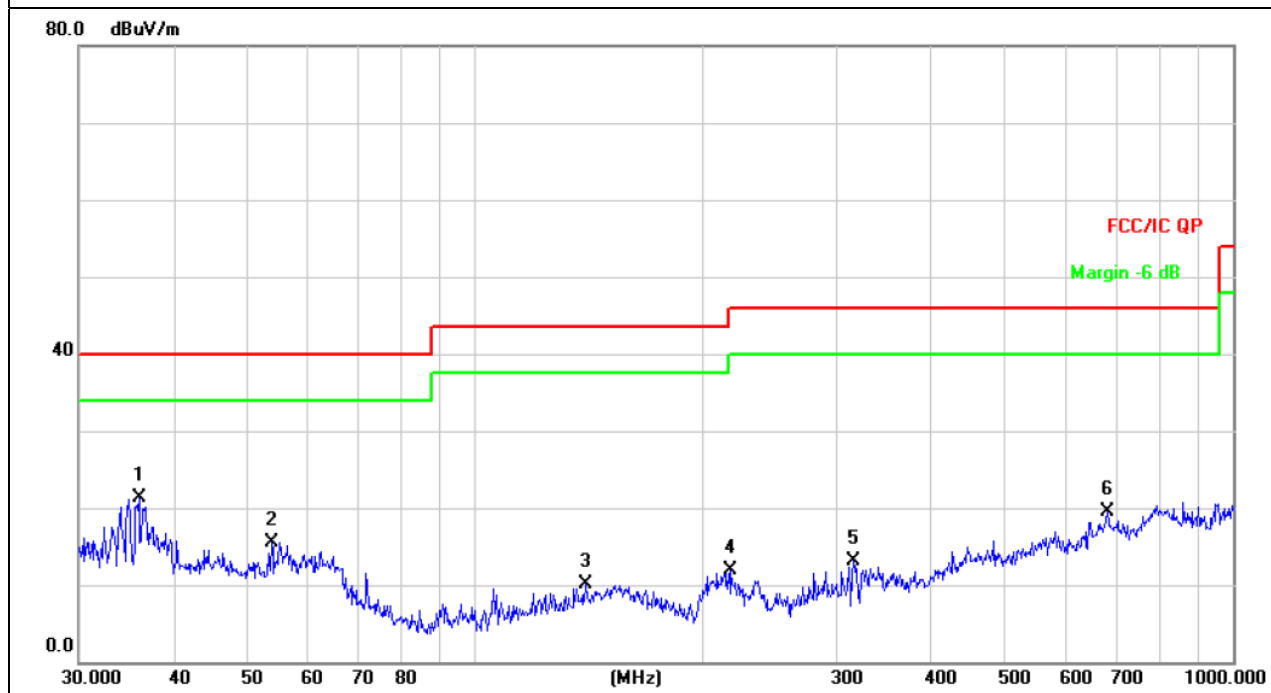


EUT:	Woodie PowerBank	Model Name :	WPB2
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010 hPa	Polarization :	Vertical
Test Voltage :	DC5V For Adapter		
Test Mode :	Mode 2		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	36.0007	29.86	-8.59	21.27	40.00	-18.73	QP		
2		53.8817	26.48	-10.93	15.55	40.00	-24.45	QP		
3		139.8507	23.48	-13.40	10.08	43.50	-33.42	QP		
4		217.5442	27.51	-15.70	11.81	46.00	-34.19	QP		
5		315.4806	25.20	-12.18	13.02	46.00	-32.98	QP		
6		682.3484	24.16	-4.66	19.50	46.00	-26.50	QP		

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.



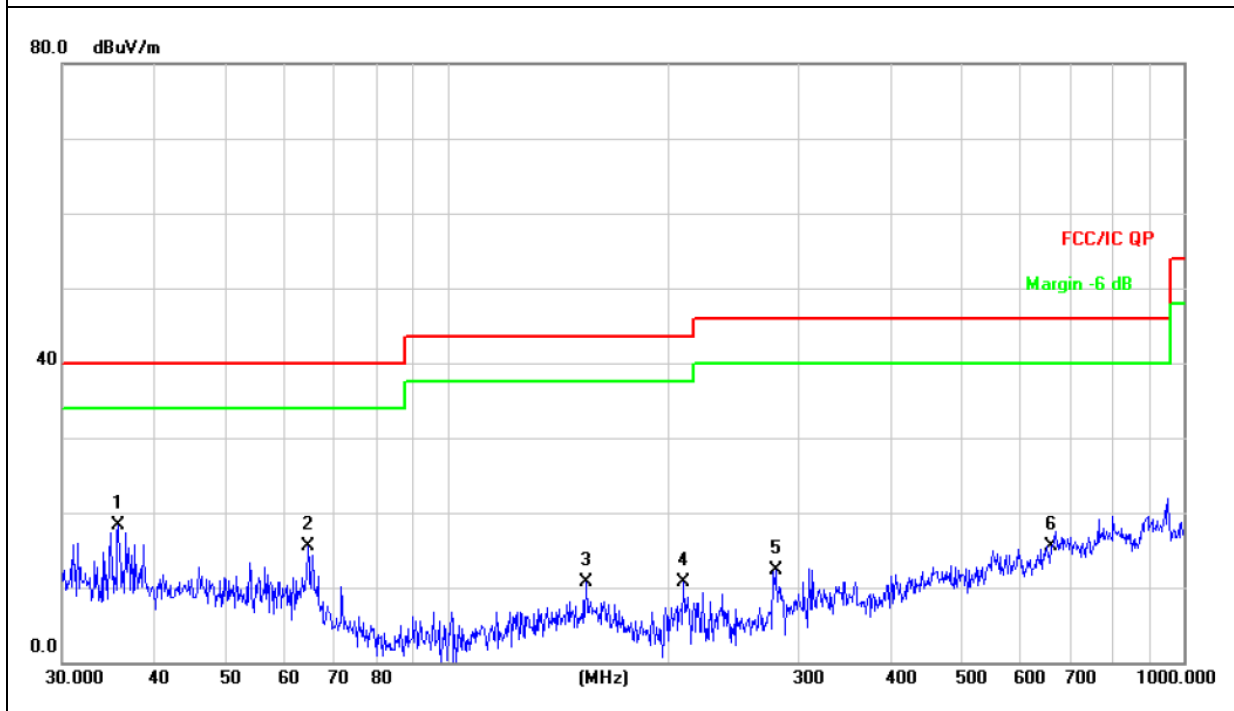


EUT:	Woodie PowerBank	Model Name :	WPB2
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010 hPa	Polarization :	Horizontal
Test Voltage :	DC5V For Adapter		
Test Mode :	Mode 3		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	35.7490	26.78	-8.56	18.22	40.00	-21.78	QP		
2		64.6594	28.01	-12.45	15.56	40.00	-24.44	QP		
3		154.2786	23.48	-12.86	10.62	43.50	-32.88	QP		
4		209.3129	26.62	-15.93	10.69	43.50	-32.81	QP		
5		279.0436	25.42	-13.13	12.29	46.00	-33.71	QP		
6		661.1503	20.49	-4.94	15.55	46.00	-30.45	QP		

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.



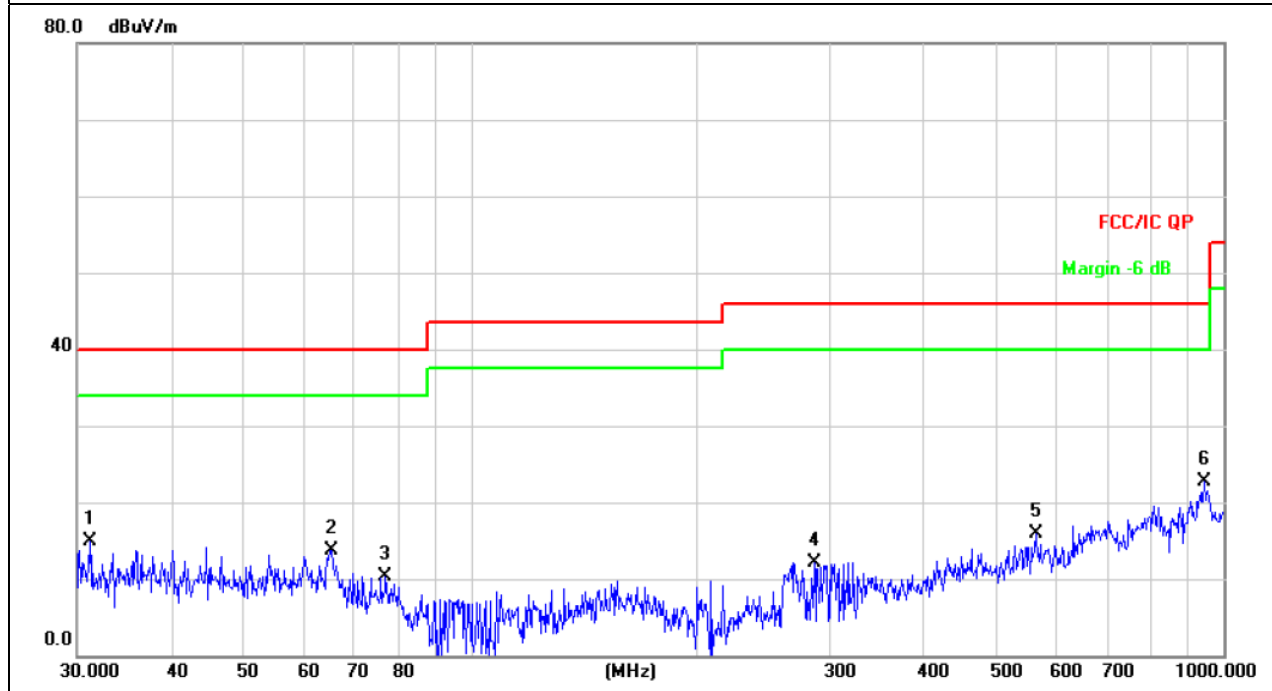


EUT:	Woodie PowerBank	Model Name :	WPB2
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010 hPa	Polarization :	Vertical
Test Voltage :	DC5V For Adapter		
Test Mode :	Mode 3		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		31.1798	23.12	-8.19	14.93	40.00	-25.07	QP		
2		65.3431	26.45	-12.66	13.79	40.00	-26.21	QP		
3		77.0504	27.29	-17.05	10.24	40.00	-29.76	QP		
4		285.9778	25.08	-12.94	12.14	46.00	-33.86	QP		
5		562.6624	22.65	-6.75	15.90	46.00	-30.10	QP		
6	*	942.1304	23.29	-0.63	22.66	46.00	-23.34	QP		

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.





APPENDIX I (PHOTOS OF THE EUT)

EUT Photo 1



EUT Photo 2



EUT Photo 3



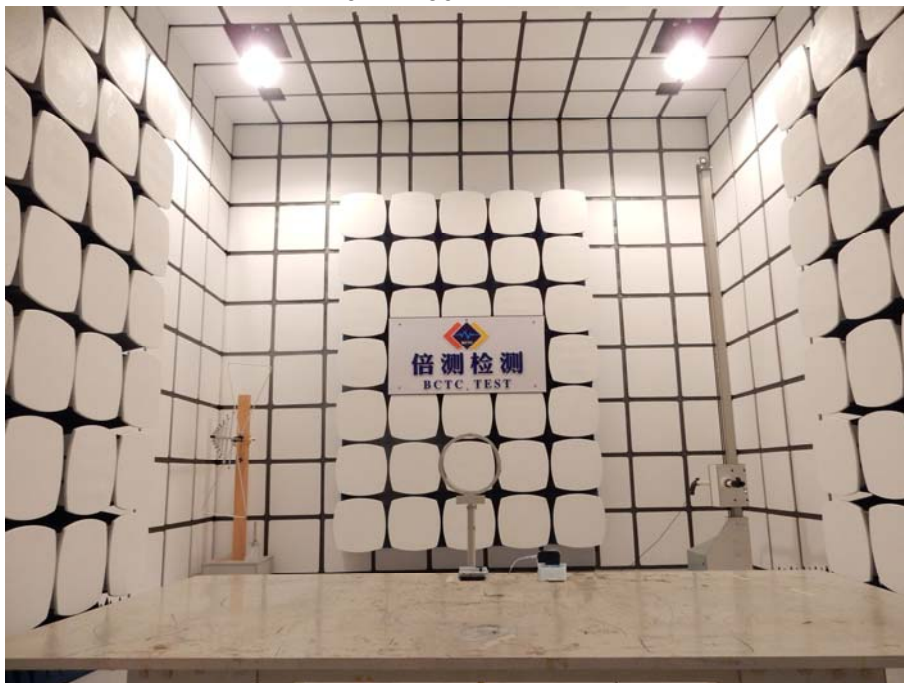
EUT Photo 4



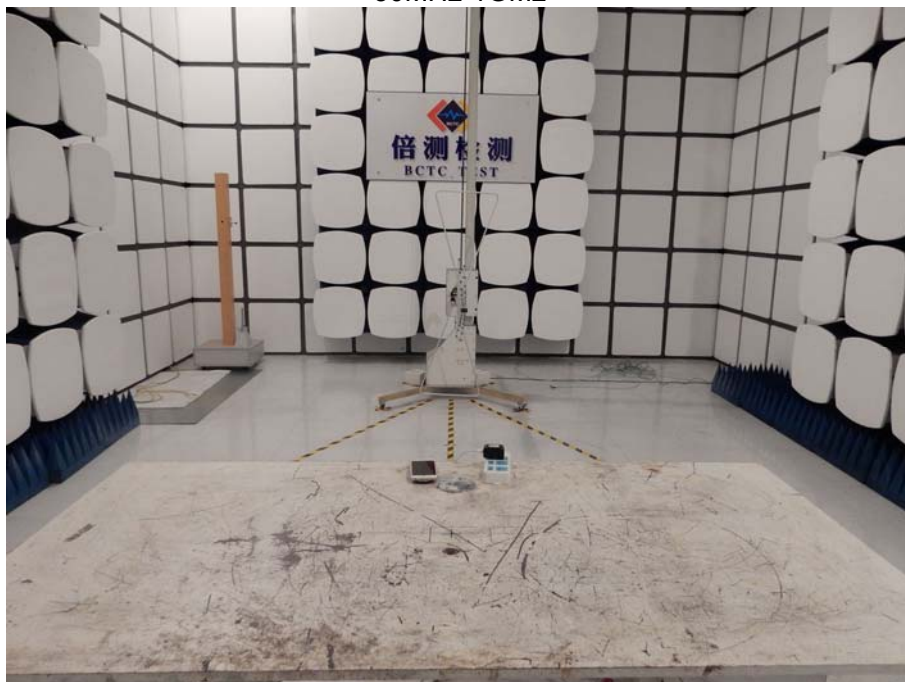


APPENDIX II (TEST PHOTOS OF THE EUT)

9KMz-30MHz



30MHz-1GMz





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