

# TEST REPORT

**FCC ID: 2AG5B-WD03**

**Product: WiFi hotspot + Power bank**

**Model No.: WD03**

**Additional Model No.: MIFI 3G MOBILE WIFI ROUTER**

**Trade mark: Unitone/alldayinternet/wolder/ekko/HTM**

**Report No.: TCT160115E015**

**Issued Date: Jan. 25, 2016**

Issued for:

**Shenzhen Unitone Electronics co., Ltd**

**13-14 Floor, Pengji Bussiness Mansion, No.50, Bagua 1 Road, Futian District,  
Shenzhen, China.**

Issued By:

**Shenzhen Tongce Testing Lab**

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## 1. Test Certification

<b>Product:</b>	WiFi hotspot + Power bank
<b>Model No.:</b>	WD03
<b>Additional Model No.:</b>	MIFI 3G MOBILE WIFI ROUTER
<b>Applicant:</b>	Shenzhen Unitone Electronics co., Ltd
<b>Address:</b>	13-14 Floor, Pengji Bussiness Mansion, No.50, Bagua 1 Road, Futian District, Shenzhen, China.
<b>Manufacturer:</b>	Shenzhen Unitone Electronics co., Ltd
<b>Address:</b>	13-14 Floor, Pengji Bussiness Mansion, No.50, Bagua 1 Road, Futian District, Shenzhen, China.
<b>Test Voltage:</b>	DC 5 V(PC Input AC 120 V/60 Hz), AC 120 V/ 60 Hz
<b>Date of Test:</b>	Jan. 22, 2016-Jan. 24, 2016
<b>Applicable Standards:</b>	47 CFR FCC Part 15 Subpart B: 2016 ANSI C63.4: 2014

The above equipment has been tested by Shenzhen Tongce Testing Lab and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Tested By:



Derek Cai

Date:

Jan. 25, 2016

Check By:



Joe Zhou

Date:

Jan. 25, 2016

Approved By:



Tomsin

Date:

Jan. 25, 2016

## 2. Test Result Summary

Emission		
Test Method	Item	Result
FCC 47 CFR Part 15 Subpart B	Conducted Emission at Mains Terminals	Pass
	Radiated Emission	Pass

**Note:**

1. Pass: Test item meets the requirement.
2. Fail: Test item does not meet the requirement.
3. N/A: Test case does not apply to the test object.
4. The test result judgment is decided by the limit of test standard.
5. The information of measurement uncertainty is available upon the customer's request.

### 3. EUT Description

<b>Product Name:</b>	WiFi hotspot + Power bank
<b>Model No.:</b>	WD03
<b>Additional Model No.:</b>	MIFI 3G MOBILE WIFI ROUTER
<b>Product Parameter:</b>	Input: DC 3.7 V, 0.4 A from battery & DC 5V from PC/adaptor
<b>Highest Frequency:</b>	1.2 GHz
<b>Hardware Version:</b>	M633_V1.1
<b>Software Version:</b>	WD03_D01_151217
<b>AC Line(PC):</b>	<input type="checkbox"/> Shielded <input checked="" type="checkbox"/> Unshielded, <input checked="" type="checkbox"/> Detachable <input type="checkbox"/> Un-detachable <input type="checkbox"/> Not applicable <input checked="" type="checkbox"/> Length: 1.2 m
<b>AC Line(Monitor):</b>	<input type="checkbox"/> Shielded <input checked="" type="checkbox"/> Unshielded, <input checked="" type="checkbox"/> Detachable <input type="checkbox"/> Un-detachable <input type="checkbox"/> Not applicable <input checked="" type="checkbox"/> Length: 1.2 m
<b>AC Line(Printer):</b>	<input type="checkbox"/> Shielded <input checked="" type="checkbox"/> Unshielded, <input checked="" type="checkbox"/> Detachable <input type="checkbox"/> Un-detachable <input type="checkbox"/> Not applicable <input checked="" type="checkbox"/> Length: 1.2 m
<b>USB Line (PC to EUT):</b>	<input type="checkbox"/> Shielded <input checked="" type="checkbox"/> Unshielded, <input checked="" type="checkbox"/> Detachable <input type="checkbox"/> Un-detachable <input type="checkbox"/> Not applicable <input checked="" type="checkbox"/> Length: 0.8 m
<b>USB Line (PC to Printer):</b>	<input type="checkbox"/> Shielded <input checked="" type="checkbox"/> Unshielded, <input checked="" type="checkbox"/> Detachable <input type="checkbox"/> Un-detachable <input type="checkbox"/> Not applicable <input checked="" type="checkbox"/> Length: 1.0 m
<b>USB Line (Mouse):</b>	<input type="checkbox"/> Shielded <input checked="" type="checkbox"/> Unshielded, <input checked="" type="checkbox"/> Detachable <input type="checkbox"/> Un-detachable <input type="checkbox"/> Not applicable <input checked="" type="checkbox"/> Length: 1.5 m
<b>USB Line (Keyboard):</b>	<input type="checkbox"/> Shielded <input checked="" type="checkbox"/> Unshielded, <input checked="" type="checkbox"/> Detachable <input type="checkbox"/> Un-detachable <input type="checkbox"/> Not applicable <input checked="" type="checkbox"/> Length: 1.5 m
<b>VGA Line</b>	<input type="checkbox"/> Shielded <input checked="" type="checkbox"/> Unshielded, <input checked="" type="checkbox"/> Detachable <input type="checkbox"/> Un-detachable <input type="checkbox"/> Not applicable <input checked="" type="checkbox"/> Length: 1.2 m
<b>Remark:</b>	All models above are identical in interior structure, electrical circuits and components, and just model names and the color of appearance are different for the marketing requirement.

## 4. Test Methodology

### 4.1. Decision of Final Test Mode

The EUT was tested together with the thereafter additional components, and a configuration, which produced the worst emission levels, was selected and recorded in this report.

The following test mode(s) were assessed:

Test Mode
Mode 1: Charging
Mode 2: Charging + Data Transmitting

### 4.2. EUT System Operation

1. Set up EUT with the support equipments.
2. Make sure the EUT work normally during the test.

## 5. Setup of Equipment under Test

### 5.1. Description of Support Units

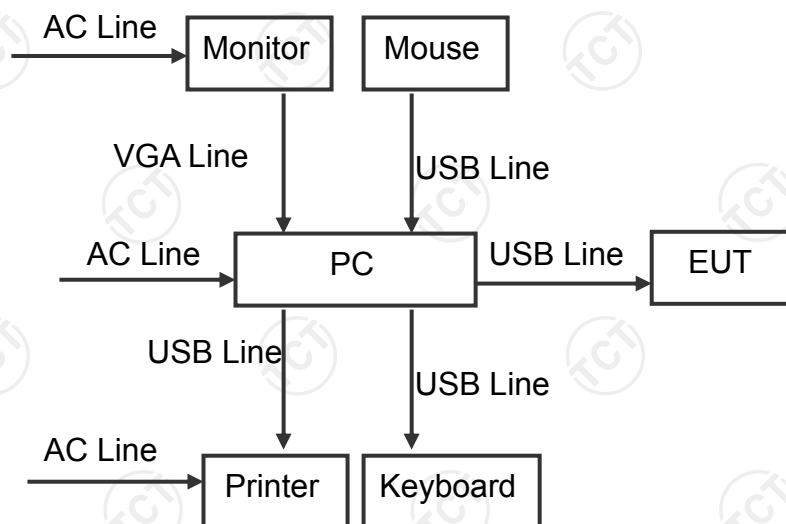
The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Equipment	Model No.	Serial No.	FCC ID	Trade Name
PC	BM6620	D1PFCG008HP	DOC	ASUS
Monitor	VX239	VX239H	DOC	ASUS
Keyboard	PK1100UE	04G104180039DP	DOC	ASUS
Printer	L11121E	FE2-2902	DOC	CANON
Mouse	MOBTUO	04G125610170DP	DOC	ASUS

**Note:**

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.

### 5.2. Configuration of System Under Test



(EUT: WiFi hotspot + Power bank)

## 6. Facilities and Accreditations

### 6.1. Facilities

The test facility is recognized, certified, or accredited by the following organizations:

- FCC - Registration No.: 572331

Shenzhen Tongce Testing Lab

The 3m Semi-anechoic chamber has been registered and fully described in a report with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

- IC - Registration No.: 10668A-1

The 3m Semi-anechoic chamber of Shenzhen TCT Testing Technology Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing

- CNAS - Registration No.: CNAS L6165

Shenzhen TCT Testing Technology Co., Ltd. is accredited to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L6165.

### 6.2. Location

Shenzhen Tongce Testing Lab

Address: 1F, Leinuo Watch Building, Fuyong Town, Baoan Dist, Shenzhen, China

Tel: 86-755-36638142

### 6.3. Measurement Uncertainty

The reported uncertainty of measurement  $y \pm U$ , where expanded uncertainty  $U$  is based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately 95 %.

No.	Item	MU
1	Conducted Emission	$\pm 2.56\text{dB}$
2	RF power, conducted	$\pm 0.12\text{dB}$
3	Spurious emissions, conducted	$\pm 0.11\text{dB}$
4	All emissions, radiated(<1G)	$\pm 3.92\text{dB}$
5	All emissions, radiated(>1G)	$\pm 4.28\text{dB}$
6	Temperature	$\pm 0.1^{\circ}\text{C}$
7	Humidity	$\pm 1.0\%$

## 7. Emission Test

### 7.1. Conducted Emission at Mains Terminals

#### 7.1.1. Test Specification

<b>Test Requirement:</b>	FCC 47 CFR Part 15 Subpart B
<b>Test Method:</b>	ANSI C63.4:2014
<b>Frequency Range:</b>	150 kHz to 30 MHz

#### 7.1.2. Limits

Frequency (MHz)	Class B dB(uV)	
	Quasi-peak	Average
0.15 - 0.5	66 – 56 <sup>a</sup>	56 – 46 <sup>a</sup>
0.50 - 5.0	56	46
5.0 - 30.0	60	50

a. Decreases with the logarithm of the frequency

#### 7.1.3. Test Instruments

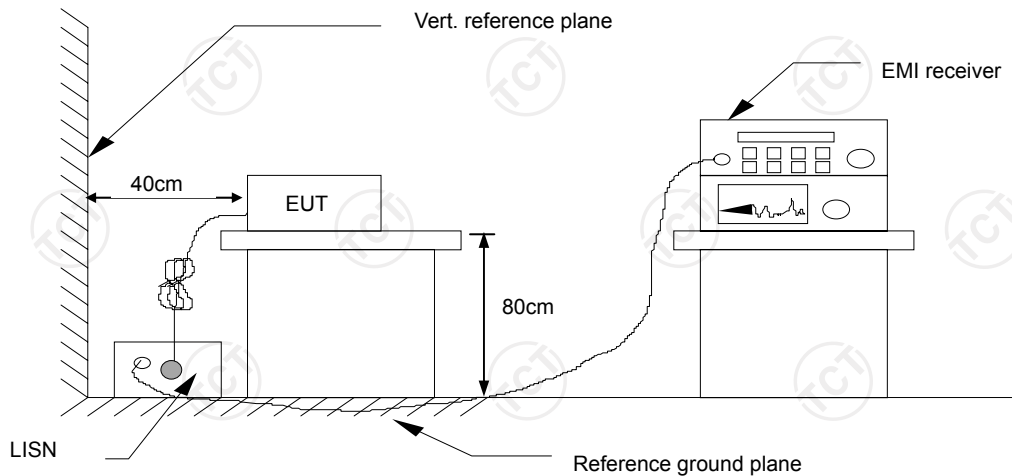
Conducted Emission Shielding Room Test Site (843)				
Equipment	Manufacturer	Model	Serial Number	Calibration Due
EMI Test Receiver	R&S	ESCS30	100139	Sep. 11, 2016
LISN	Schwarzbeck	NSLK 8126	8126453	Sep. 16, 2016
LISN	AFJ	LS16C	16010947251	Sep. 11, 2016
Coax cable	TCT	CE-05	N/A	Sep. 11, 2016

**Note:** The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

#### 7.1.4. Test Method

The AMN was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane. This distance was between the closest points of the AMN and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the AMN. All power was connected to the system through Artificial Mains Network (AMN). Conducted voltage measurements on mains lines were made at the output of the AMN

### 7.1.5. Block Diagram of Test Setup



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

### 7.1.6. Test Results

<b>Test Environment:</b>	Temp.: 23 °C	Humid.: 54 %	Press.: 96 kPa
<b>Test Mode:</b>	Mode 1, Mode 2		
<b>Test Voltage:</b>	DC 5 V(PC Input AC 120 V/60 Hz), AC 120 V/ 60 Hz		
<b>Test Result:</b>	Pass		

**Note:**

L1 = Live Line / N = Neutral Line

“---” denotes the emission level was or more than 2dB below the Average limit, so no re-check anymore.

Freq. = Emission frequency in MHz

Reading level dB(μV) = Receiver reading

Corr. Factor (dB) = Attenuator factor + Cable loss

Level dB(μV) = Reading level dB(μV) + Corr. Factor (dB)

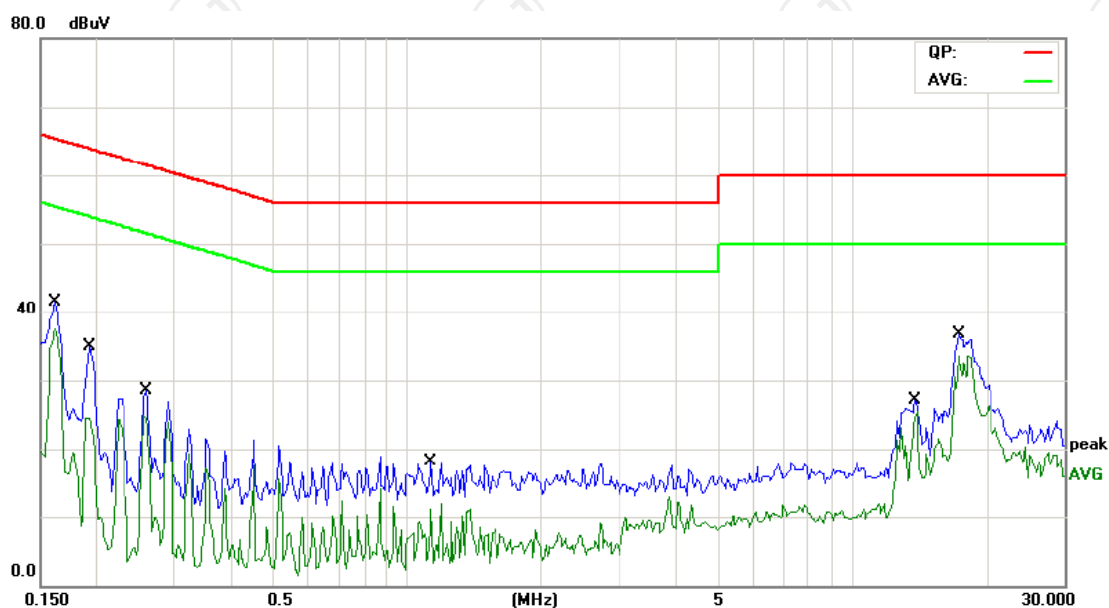
Limit dB(μV) = Limit stated in standard

Margin (dB) = Level dB(μV) – Limits dB(μV)

Q.P. =Quasi-Peak

AVG=Average

Please refer to following diagram for individual  
Mode 1



Site Chamber #2

Phase: **L1**

Temperature: 23 (C)

Limit: FCC Part 15B Class B Conduction(QP)

Power: AC 120V/60Hz

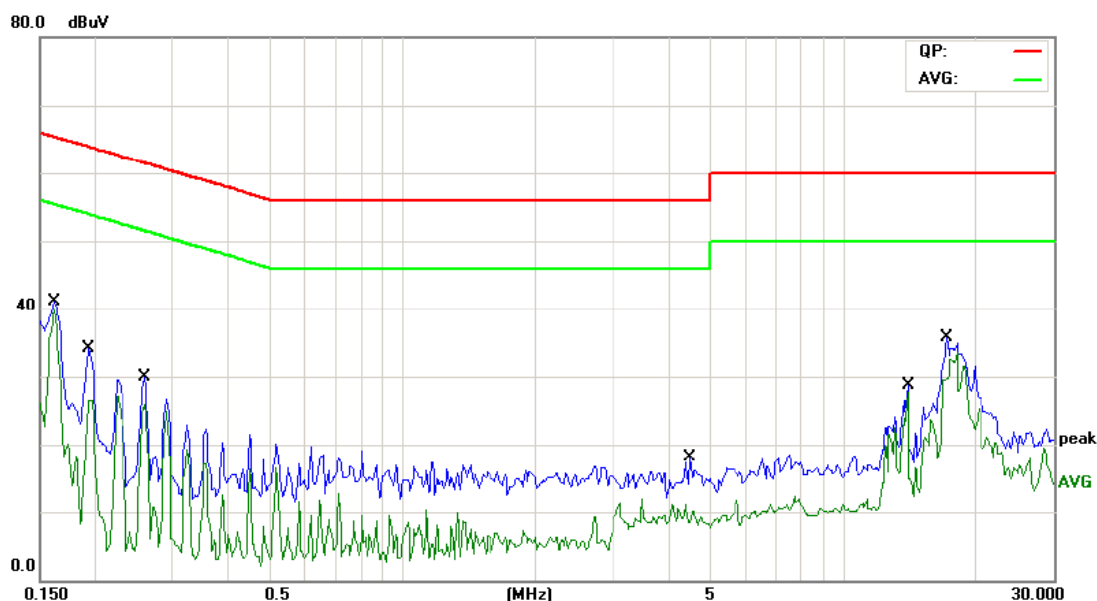
Humidity: 54 %

EUT: WiFi Hotspot + Power Bank

M/N: WD03

Mode: Charging

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1617	28.07	11.49	39.56	65.37	-25.81	QP	
2	*	0.1617	25.72	11.49	37.21	55.37	-18.16	AVG	
3		0.1930	21.17	11.46	32.63	63.90	-31.27	QP	
4		0.1930	14.49	11.46	25.95	53.90	-27.95	AVG	
5		0.2594	15.58	11.43	27.01	61.45	-34.44	QP	
6		0.2594	14.23	11.43	25.66	51.45	-25.79	AVG	
7		1.1305	4.22	11.23	15.45	56.00	-40.55	QP	
8		1.1305	1.21	11.23	12.44	46.00	-33.56	AVG	
9		13.8945	13.79	11.52	25.31	60.00	-34.69	QP	
10		13.8945	6.05	11.52	17.57	50.00	-32.43	AVG	
11		17.2969	20.78	11.12	31.90	60.00	-28.10	QP	
12		17.2969	13.59	11.12	24.71	50.00	-25.29	AVG	



Site Chamber #2

Phase: **N**

Temperature: 23 (C)

Limit: FCC Part 15B Class B Conduction(QP)

Power: AC 120V/60Hz

Humidity: 54 %

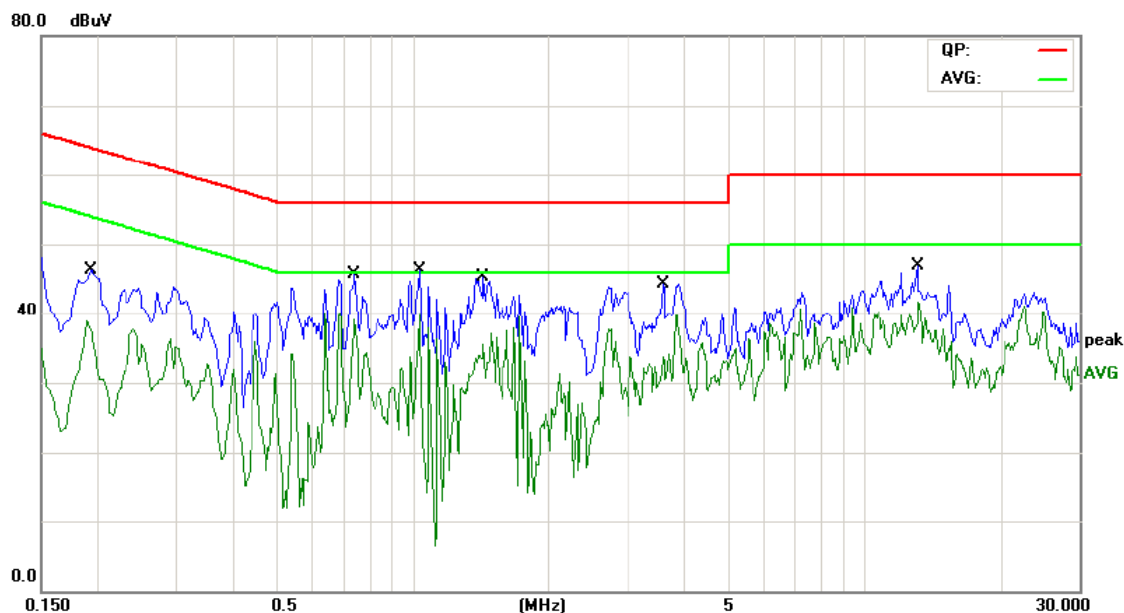
EUT: WiFi Hotspot + Power Bank

M/N: WD03

Mode: Charging

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1617	28.81	11.49	40.30	65.37	-25.07	QP	
2	*	0.1617	27.24	11.49	38.73	55.37	-16.64	AVG	
3		0.1930	20.63	11.46	32.09	63.90	-31.81	QP	
4		0.1930	15.05	11.46	26.51	53.90	-27.39	AVG	
5		0.2594	15.93	11.43	27.36	61.45	-34.09	QP	
6		0.2594	14.81	11.43	26.24	51.45	-25.21	AVG	
7		4.4766	-1.31	10.80	9.49	56.00	-46.51	QP	
8		4.4766	-3.04	10.80	7.76	46.00	-38.24	AVG	
9		13.9922	14.24	11.53	25.77	60.00	-34.23	QP	
10		13.9922	6.87	11.53	18.40	50.00	-31.60	AVG	
11		17.1445	23.24	11.16	34.40	60.00	-25.60	QP	
12		17.1445	17.94	11.16	29.10	50.00	-20.90	AVG	

Mode 2



Site Chamber #2

Phase: **N**

Temperature: 23 (C)

Limit: FCC Part 15B Class B Conduction(QP)

Power: AC 120V/60Hz

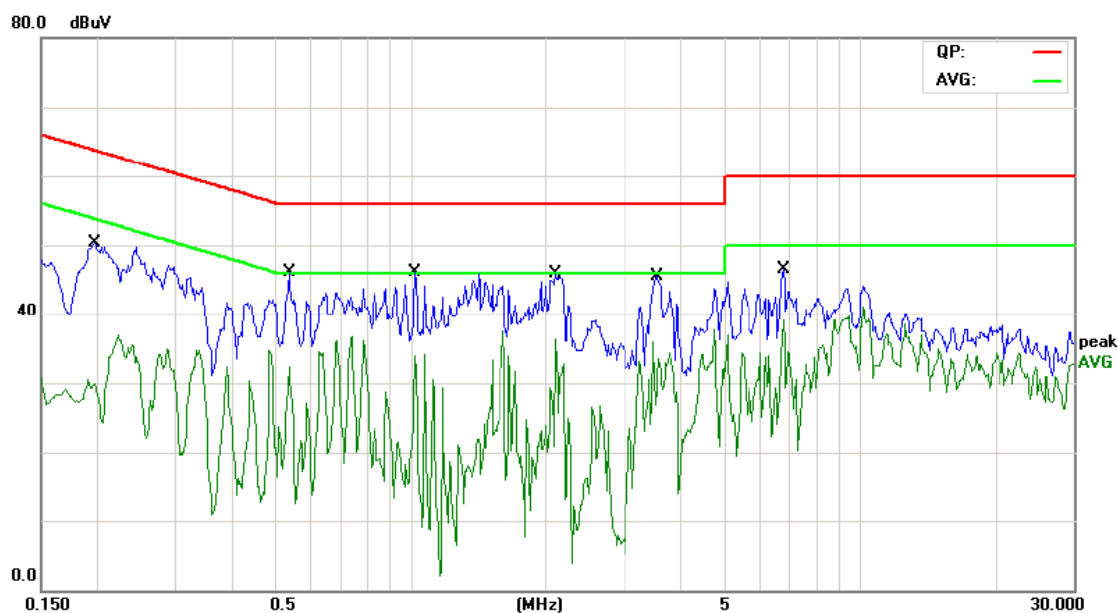
Humidity: 54 %

EUT: WiFi Hotspot+Power Bank

M/N: WD03

Mode: Charging and Data Transmitting

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1924	32.49	11.48	43.97	63.93	-19.96	QP	
2		0.1924	22.15	11.48	33.63	53.93	-20.30	AVG	
3		0.7390	32.34	11.21	43.55	56.00	-12.45	QP	
4		0.7390	22.84	11.21	34.05	46.00	-11.95	AVG	
5	*	1.0319	33.71	11.19	44.90	56.00	-11.10	QP	
6		1.0319	23.42	11.19	34.61	46.00	-11.39	AVG	
7		1.4256	31.08	11.40	42.48	56.00	-13.52	QP	
8		1.4256	21.17	11.40	32.57	46.00	-13.43	AVG	
9		3.5843	31.92	11.13	43.05	56.00	-12.95	QP	
10		3.5843	21.46	11.13	32.59	46.00	-13.41	AVG	
11		13.1268	33.75	11.50	45.25	60.00	-14.75	QP	
12		13.1268	23.49	11.50	34.99	50.00	-15.01	AVG	



Site: Chamber #2  
 Limit: FCC Part 15B Class B Conduction(QP)  
 EUT: WiFi Hotspot+Power Bank  
 M/N: WD03  
 Mode: Charging and Data Transmitting

Phase: **N**  
 Power: AC 120V/60Hz

Temperature: 23 (C)  
 Humidity: 54 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1965	36.52	11.48	48.00	63.75	-15.75	QP	
2		0.1965	26.16	11.48	37.64	53.75	-16.11	AVG	
3		0.5349	32.48	11.29	43.77	56.00	-12.23	QP	
4		0.5349	22.81	11.29	34.10	46.00	-11.90	AVG	
5		1.0210	32.07	11.19	43.26	56.00	-12.74	QP	
6		1.0210	22.71	11.19	33.90	46.00	-12.10	AVG	
7	*	2.0989	32.59	11.65	44.24	56.00	-11.76	QP	
8		2.0989	22.53	11.65	34.18	46.00	-11.82	AVG	
9		3.5278	32.15	11.15	43.30	56.00	-12.70	QP	
10		3.5278	22.05	11.15	33.20	46.00	-12.80	AVG	
11		6.7691	33.41	10.90	44.31	60.00	-15.69	QP	
12		6.7691	23.58	10.90	34.48	50.00	-15.52	AVG	

## 7.2. Radiated Emission

### 7.2.1. Test Specification

<b>Test Requirement:</b>	FCC 47 CFR Part 15 Subpart B
<b>Test Method:</b>	ANSI C63.4:2014
<b>Frequency Range:</b>	30 MHz to 6000 MHz
<b>Measurement Distance:</b>	3 m
<b>Antenna Polarization:</b>	Horizontal & Vertical

### 7.2.2. Limits

Frequency (MHz)	Class B (at 3m)
	dBuV/m
30 ~ 88	40.0
88 ~ 216	43.5
216 ~ 960	46.0
960 ~ 1000	54.0
Above 1000	74.0(Peak) 54.0(Average)

**Note:**

1. The lower limit shall apply at the transition frequencies.
2. Emission level  $\text{dB}(\mu\text{V/m}) = 20 \log \text{Emission level } (\mu\text{V/m})$ .

### 7.2.3. Test Instruments

Radiated Emission Test Site (966)				
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
EMI Test Receiver	R&S	ESVD	100008	Sep. 11, 2016
Spectrum Analyzer	R&S	FSEM	848597-001	Sep. 11, 2016
Amplifier	HP	8447D	2727A05017	Sep. 11, 2016
Amplifier	EM	EM30265	07032613	Sep. 11, 2016
Broadband Antenna	Schwarzbeck	VULB9163	340	Sep. 13, 2016
Horn Antenna	Schwarzbeck	BBHA 9120D	631	Sep. 13, 2016
Antenna Mater	CCS	CC-A-4M	N/A	Sep.15 , 2016

Coax cable	TCT	RE-low-01	N/A	Sep. 11, 2016
Coax cable	TCT	RE-high-02	N/A	Sep. 11, 2016
Coax cable	TCT	RE-low-03	N/A	Sep. 11, 2016
Coax cable	TCT	RE-high-04	N/A	Sep. 11, 2016

**Note:** The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

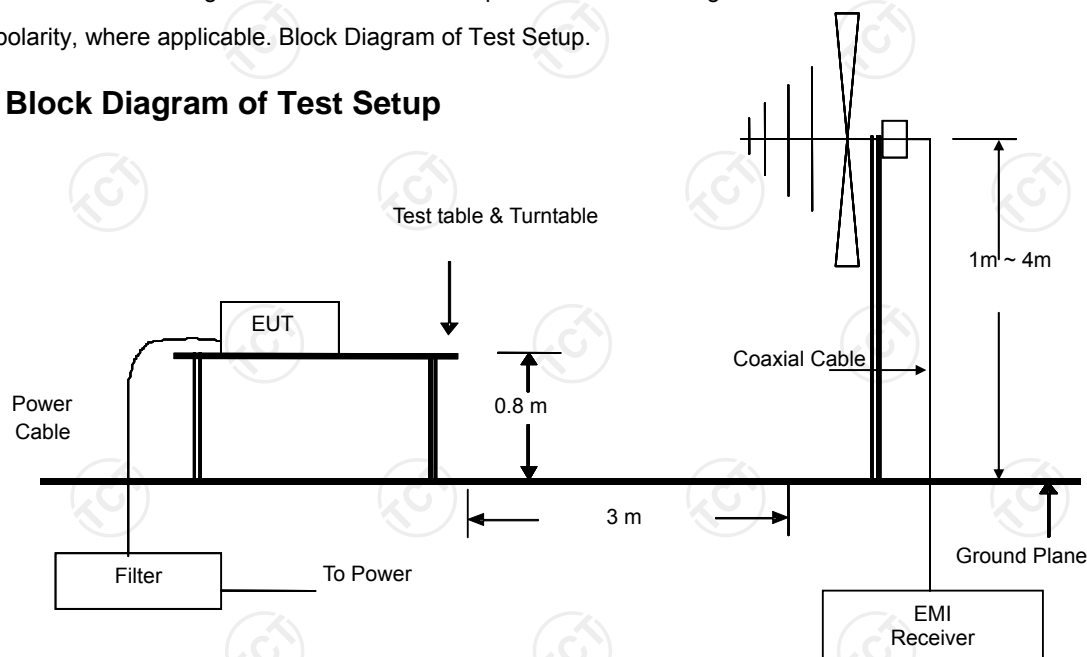
## 7.2.4. Test Method

For the radiated emission test above 1GHz:

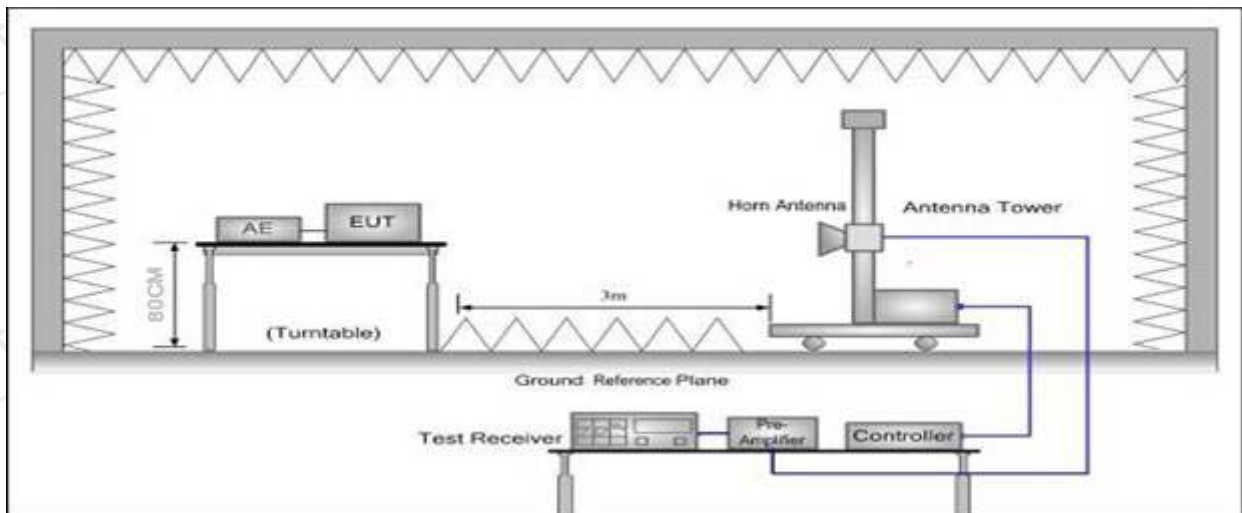
Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.

Measurements were made in a 3-meter semi-anechoic chamber or Open Area Test Site that complies to CISPR 16. Preliminary (peak) measurements were performed at an antenna to EUT separation distance of 3 meter. The EUT was rotated 360° about its azimuth with the receive antenna located at various heights in horizontal and vertical polarities. Final measurements (quasi-peak) were then performed by rotating the EUT 360° and adjusting the receive antenna height from 1 to 4 m. All frequencies were investigated in both horizontal and vertical antenna polarity, where applicable. Block Diagram of Test Setup.

## 7.2.5. Block Diagram of Test Setup



**(30MHz to 1GHz)**



**(Above 1GHz)**

For the actual test configuration, please refer to the related item – Photographs of the Test Configuration

**7.2.6. Test Results**

<b>Test Environment:</b>	Temp.: 25 °C	Humid.: 56 %	Press.: 96 kPa
<b>Test Mode:</b>	Mode 1, Mode 2		
<b>Test Voltage:</b>	DC 5 V(PC Input AC 120 V/60 Hz), AC 120 V/ 60 Hz		
<b>Test Result:</b>	Pass		

**Note:**

Freq. = Emission frequency in MHz

Reading level dB(μV) = Receiver reading

Corr. Factor (dB) = Antenna factor + Cable loss

Measurement dB(μV/m) = Reading level dB(μV) + Corr. Factor (dB)

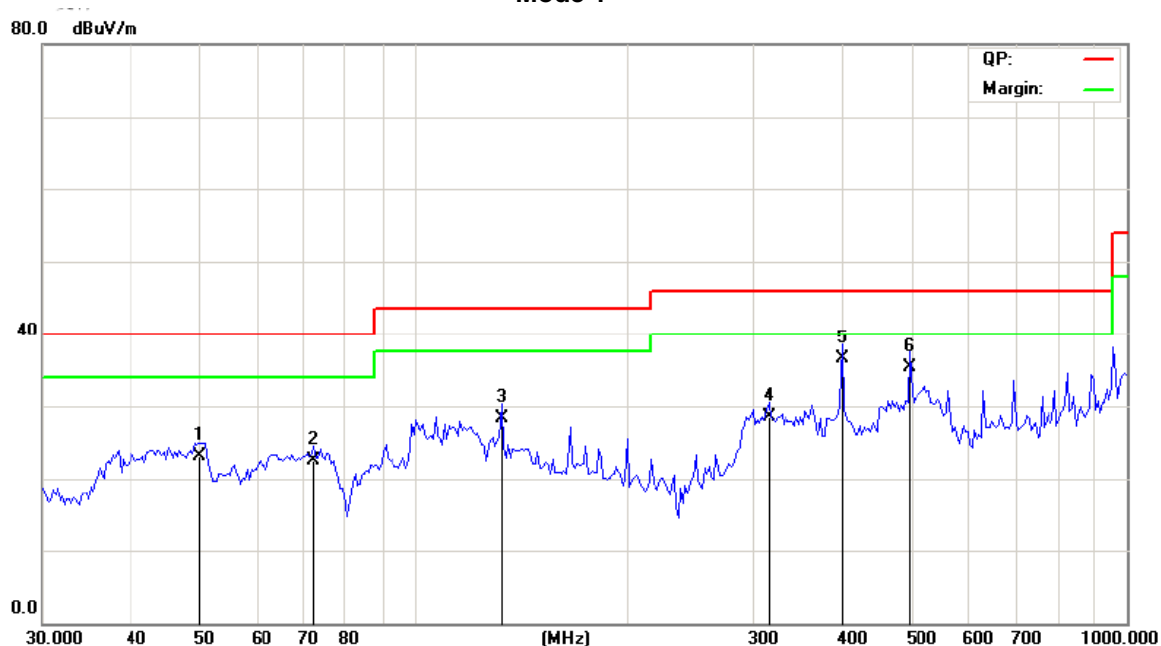
Limit dB(μV/m) = Limit stated in standard

Margin (dB) = Measurement dB(μV/m) – Limits dB(μV/m)

Q.P. =Quasi-Peak

Please refer to following diagram for individual

## Mode 1



Site Chamber #2

Limit: FCC Part 15B Class B RE\_3 m

Mode: Charging

Note:

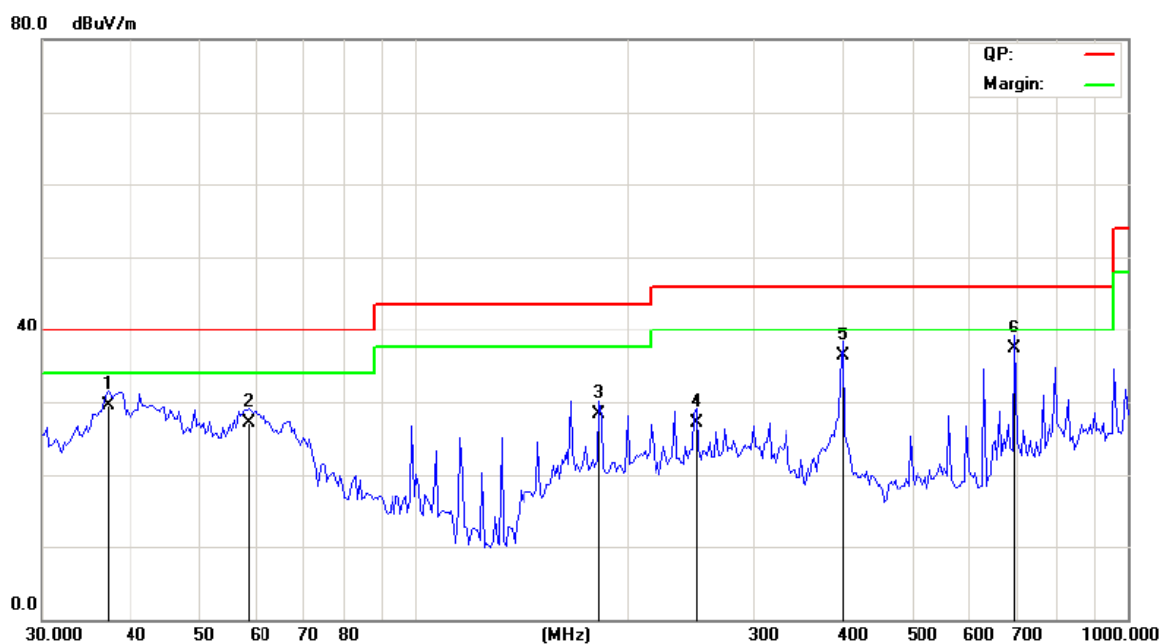
Polarization: **Horizontal**

Power: AC 120V/60Hz

Temperature: 25 (C)

Humidity: 56 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		49.7571	35.10	-12.04	23.06	40.00	-16.94	QP	
2		72.2111	38.90	-16.46	22.44	40.00	-17.56	QP	
3		132.1489	43.50	-15.11	28.39	43.50	-15.11	QP	
4		313.6482	36.40	-7.96	28.44	46.00	-17.56	QP	
5	*	398.2961	42.70	-6.23	36.47	46.00	-9.53	QP	
6		495.2379	38.50	-3.12	35.38	46.00	-10.62	QP	



Site Chamber #2

Polarization: **Vertical**

Temperature: 25 (C)

Limit: FCC Part 15B Class B RE\_3 m

Power: AC 120V/60Hz

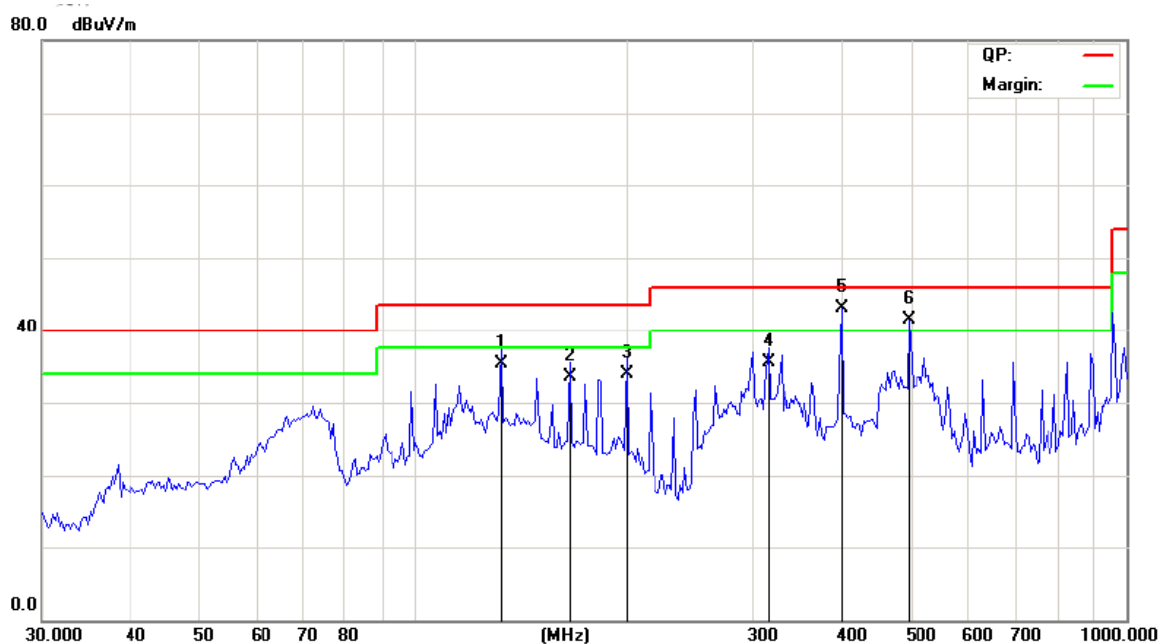
Humidity: 56 %

Mode: Charging

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		37.0405	42.30	-12.85	29.45	40.00	-10.55	QP	
2		58.4855	39.70	-12.69	27.01	40.00	-12.99	QP	
3		181.3000	41.20	-12.98	28.22	43.50	-15.28	QP	
4		248.7315	37.10	-10.01	27.09	46.00	-18.91	QP	
5		398.2961	42.60	-6.23	36.37	46.00	-9.63	QP	
6	*	693.9101	37.30	0.01	37.31	46.00	-8.69	QP	

## Mode 2



Site Chamber #2

Polarization: **Horizontal**

Temperature: 25 (C)

Limit: FCC Part 15B Class B RE\_3 m

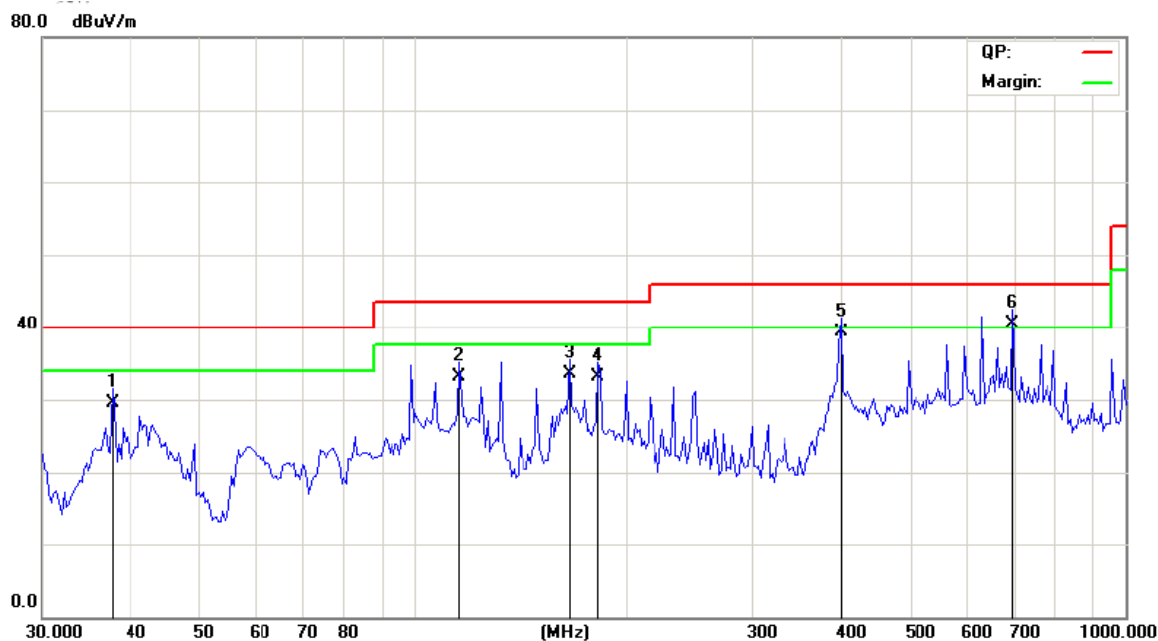
Power: AC 120V/60Hz

Humidity: 56 %

Mode: Charging and Data Transmitting

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		132.1489	50.50	-15.11	35.39	43.50	-8.11	QP	
2		165.4713	47.60	-14.07	33.53	43.50	-9.97	QP	
3		198.6424	45.70	-11.77	33.93	43.50	-9.57	QP	
4		313.6482	43.40	-7.96	35.44	46.00	-10.56	QP	
5	*	398.2961	49.25	-6.23	43.02	46.00	-2.98	QP	
6	!	495.2380	44.53	-3.12	41.41	46.00	-4.59	QP	



Site Chamber #2

Polarization: **Vertical**

Temperature: 25 (C)

Limit: FCC Part 15B Class B RE\_3 m

Power: AC 120V/60Hz

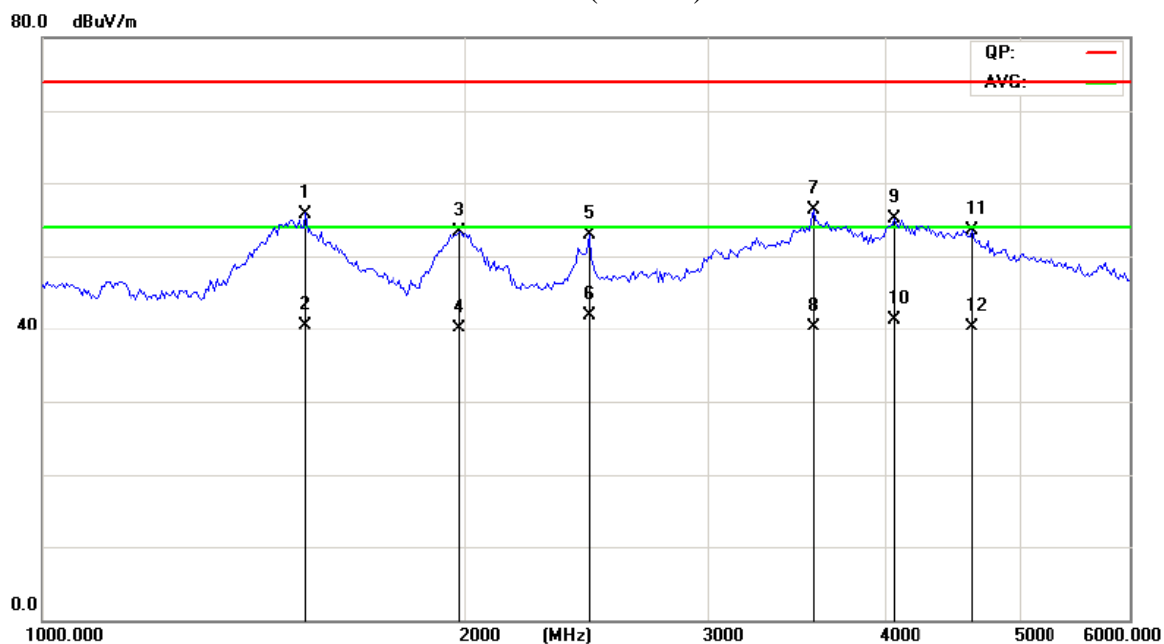
Humidity: 56 %

Mode: Charging and Data Transmitting

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		37.5647	42.30	-12.78	29.52	40.00	-10.48	QP	
2		115.6320	46.10	-12.93	33.17	43.50	-10.33	QP	
3		165.4713	47.50	-14.07	33.43	43.50	-10.07	QP	
4		181.3000	46.10	-12.98	33.12	43.50	-10.38	QP	
5		398.2961	45.60	-6.23	39.37	46.00	-6.63	QP	
6	*	693.9101	40.50	0.01	40.51	46.00	-5.49	QP	

## Worst mode (mode 2)



Site Chamber #2

Polarization: **Horizontal**

Temperature: 25 (C)

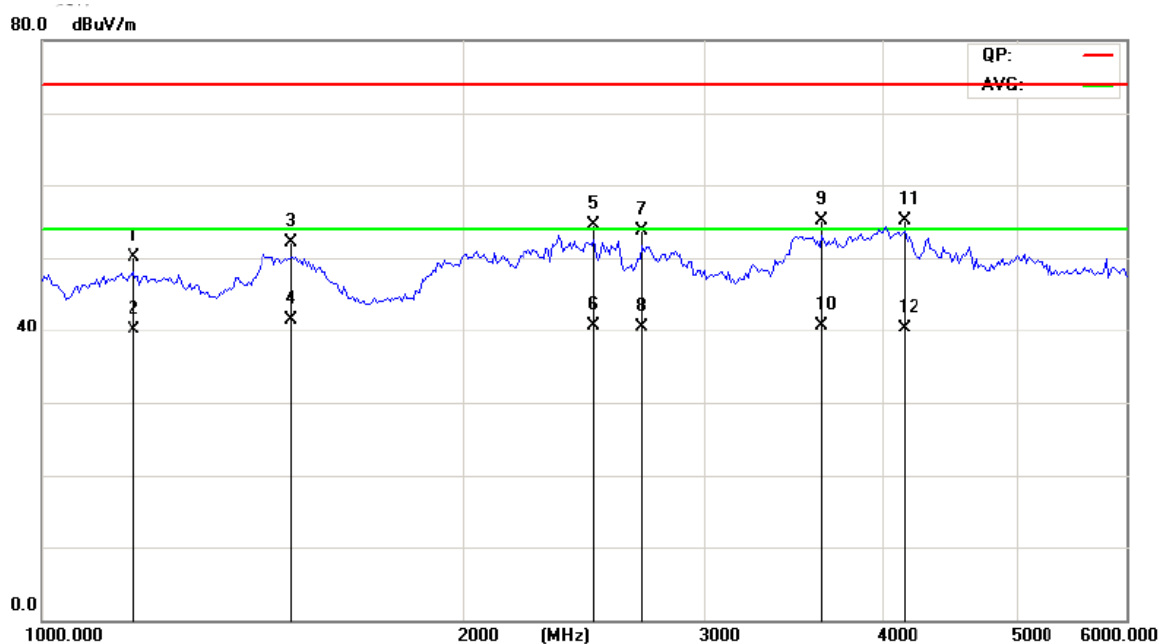
Limit: FCC Part 15B Class B RE\_3 m 1-6G PK

Power: AC 120V/60Hz

Humidity: 56 %

Mode: Charging and Data Transmitting

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		1544.152	55.80	0.00	55.80	74.00	-18.20	peak	
2		1544.152	40.50	0.00	40.50	54.00	-13.50	AVG	
3		1985.407	53.27	0.00	53.27	74.00	-20.73	peak	
4		1985.407	40.20	0.00	40.20	54.00	-13.80	AVG	
5		2462.718	52.98	0.00	52.98	74.00	-21.02	peak	
6	*	2462.718	41.90	0.00	41.90	54.00	-12.10	AVG	
7		3564.800	56.37	0.00	56.37	74.00	-17.63	peak	
8		3564.800	40.30	0.00	40.30	54.00	-13.70	AVG	
9		4071.306	55.17	0.00	55.17	74.00	-18.83	peak	
10		4071.306	41.40	0.00	41.40	54.00	-12.60	AVG	
11		4633.113	53.48	0.00	53.48	74.00	-20.52	peak	
12		4633.113	40.40	0.00	40.40	54.00	-13.60	AVG	



Site Chamber #2

Polarization: **Vertical**

Temperature: 25 (C)

Limit: FCC Part 15B Class B RE\_3 m 1-6G PK

Power: AC 120V/60Hz

Humidity: 56 %

Mode: Charging and Data Transmitting

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		1162.775	50.01	0.00	50.01	74.00	-23.99	peak	
2		1162.775	40.10	0.00	40.10	54.00	-13.90	AVG	
3		1511.240	52.19	0.00	52.19	74.00	-21.81	peak	
4	*	1511.240	41.50	0.00	41.50	54.00	-12.50	AVG	
5		2489.390	54.48	0.00	54.48	74.00	-19.52	peak	
6		2489.390	40.70	0.00	40.70	54.00	-13.30	AVG	
7		2694.017	53.66	0.00	53.66	74.00	-20.34	peak	
8		2694.017	40.60	0.00	40.60	54.00	-13.40	AVG	
9		3629.378	55.01	0.00	55.01	74.00	-18.99	peak	
10		3629.378	40.70	0.00	40.70	54.00	-13.30	AVG	
11		4159.971	55.16	0.00	55.16	74.00	-18.84	peak	
12		4159.971	40.40	0.00	40.40	54.00	-13.60	AVG	

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