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## FCC TEST REPORT

Report No:STS1808090W02

Issued for

SHENZHEN BAIJUNDA ELECTRONIC CO.,LTD

2nd and 5F Bldg C, KeShangMei Ind Park ChongQing Rd,  
FuYong Town, Five, Bao An dist ShenZhen China

<b>Product Name:</b>	Car Mounat Wireless Charger
<b>Brand Name:</b>	N/A
<b>Model Name:</b>	WD-282-010Q
<b>Series Model:</b>	WE-282-005Q
<b>FCC ID:</b>	2AO8CWD-282-010Q
<b>Test Standard:</b>	FCC Part 15 Subpart C

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**TEST RESULT CERTIFICATION**

Applicant's name .....: SHENZHEN BAIJUNDA ELECTRONIC CO.,LTD  
 Address .....: 2nd and 5F Bldg C, KeShangMei Ind Park ChongQing Rd, FuYong Town, Five, Bao An dist ShenZhen China  
 Manufacture's Name .....: SHENZHEN BAIJUNDA ELECTRONIC CO.,LTD  
 Address .....: 2nd and 5F Bldg C, KeShangMei Ind Park ChongQing Rd, FuYong Town, Five, Bao An dist ShenZhen China

**Product description**

Product Name .....: Car Mounat Wireless Charger  
 Brand Name .....: N/A  
 Model Name .....: WD-282-010Q  
 Series Model .....: WE-282-005Q

**Test Standards**.....: FCC Part 15 Subpart C

Test Procedure : ANSI C63.10-2013

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

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Date of performance of tests: 17 Aug. 2018 ~ 24 Aug. 2018

Date of Issue : 24 Aug. 2018

Test Result : **Pass**

Testing Engineer : *Chris chen*  
 \_\_\_\_\_  
 ( Chris chen )

Technical Manager : *Sean she*  
 \_\_\_\_\_  
 ( Sean she )

Authorized Signatory : *Vita Li*  
 \_\_\_\_\_  
 (Vita Li)





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**Revision History**

Rev.	Issue Date	Report NO.	Effect Page	Contents
00	24 Aug. 2018	STS1808090W02	ALL	Initial Issue



### 1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part15 , Subpart C			
Standard Section	Test Item	Judgment	Remark
15.207	Conducted Emission	PASS	
15.209 (a)	Radiated emission, Spurious Emission	PASS	
2.1049	20 dB Bandwidth	PASS	

#### 1.1 TEST FACTORY

Shenzhen STS Test Services Co., Ltd.  
 Add. : 1/F., Building B, Zhuoke Science Park, No.190, Chongqing Road,  
 Fuyong Street, Bao'an District, Shenzhen, Guangdong, China  
 CNAS Registration No.: L7649; FCC Registration No.: 625569  
 IC Registration No.: 12108A; A2LA Certificate No.: 4338.01;

#### 1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement  $y \pm U$  · where expended 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	Uncertainty
1	Conducted Emission (9KHz-150KHz)	±2.88dB
2	Conducted Emission (150KHz-30MHz)	±2.67 dB
3	All emissions,radiated(<1G) 30MHz-200MHz	±2.83dB
4	All emissions,radiated(<1G) 200MHz-1000MHz	±2.94dB
5	Temperature	±0.5°C
6	Humidity	±2%

## 2. GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT

Product Name	Car Mounat Wireless Charger
Trade Name	N/A
Model Name	WD-282-010Q
Series Model	WE-282-005Q
Model Difference	Only different in model name
Equipemnt Category	Non-ISM frequency
Operating frequency	110-205 KHz
Modulation Type	ASK
Power Adapter	Input: 5V ---2A, 9V ---1.67A Output: 5V/1A, 9V/1A
Hardware version number	N/A
Software version number	N/A
Connecting I/O Port(s)	Please refer to the User's Manual

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(KHz)
01	179.3
02	169.7

3. Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	NOTE
1	N/A	WD-282-010Q	Coil	NA	Antenna

## 2.2 DESCRIPTION OF TEST MODES

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.

Pretest Mode	Description
Mode 1	Charging+TX Mode

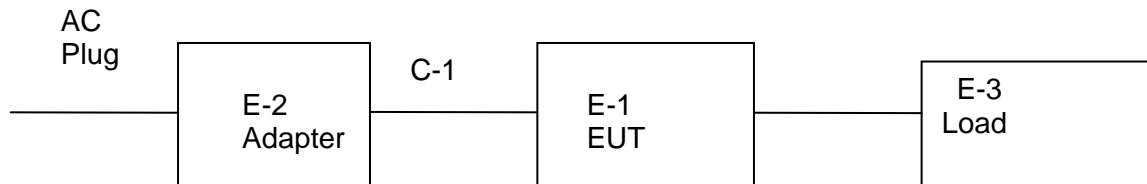
For Conducted Emission	
Final Test Mode	Description
Mode 1	Charging+TX Mode

For Radiated Emission	
Final Test Mode	Description
Mode 1	Charging+TX Mode

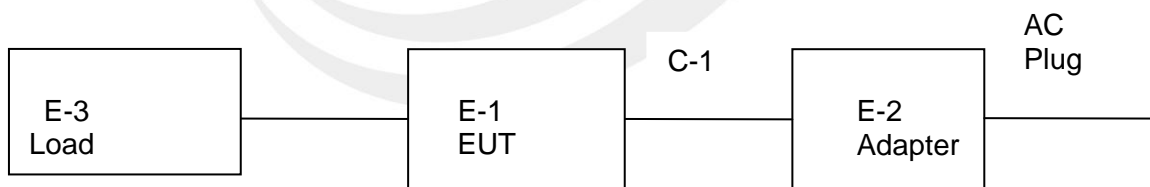
### 2.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters

#### Conducted Emission Test



#### Radiated Emission Test







## 2.4 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	Serial No.	Note
E-2	Adapter	LITEON	PA-1650-86	N/A	N/A
E-3	Load	N/A	N/A	N/A	N/A

Item	Shielded Type	Ferrite Core	Length	Note
C-1	USB Cable (FTP)	NO	80cm	N/A

Note:

- (1) FCC DOC approved.
- (2) FTP is Foiled Twisted Pair.

## 2.5 EQUIPMENTS LIST FOR ALL TEST ITEMS

### Radiation Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Test Receiver	R&S	ESCI	101427	2017.10.15	2018.10.14
Bilog Antenna	TESEQ	CBL6111D	34678	2017.11.02	2018.11.01
50Ω Coaxial Switch	Anritsu	MP59B	6200264416	2017.10.15	2018.10.14
PreAmplifier	Agilent	8449B	60538	2017.10.15	2018.10.14
Loop Antenna	EMCO	6502	9003-2485	2017.10.15	2018.10.14
USB RF power sensor	DARE	RPR3006W	15I00041SNO03	2017.10.15	2018.10.14

### Conduction Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Test Receiver	R&S	ESCI	101427	2017.10.15	2018.10.14
LISN	R&S	ENV216	101242	2017.10.15	2018.10.14
LISN	EMCO	3810/2NM	000-23625	2017.10.15	2018.10.14

### 3.CONDUCTED EMISSION TEST RESULT(SECTION 15.207)

#### 3.1 POWER LINE CONDUCTED EMISSION LIMITS

Operating frequency band. In case the emission fall within the restricted band specified on Part 15.207 limit in the table below has to be followed.

FREQUENCY (MHz)	Class B (dBuV)	
	Quasi-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

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " \* " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

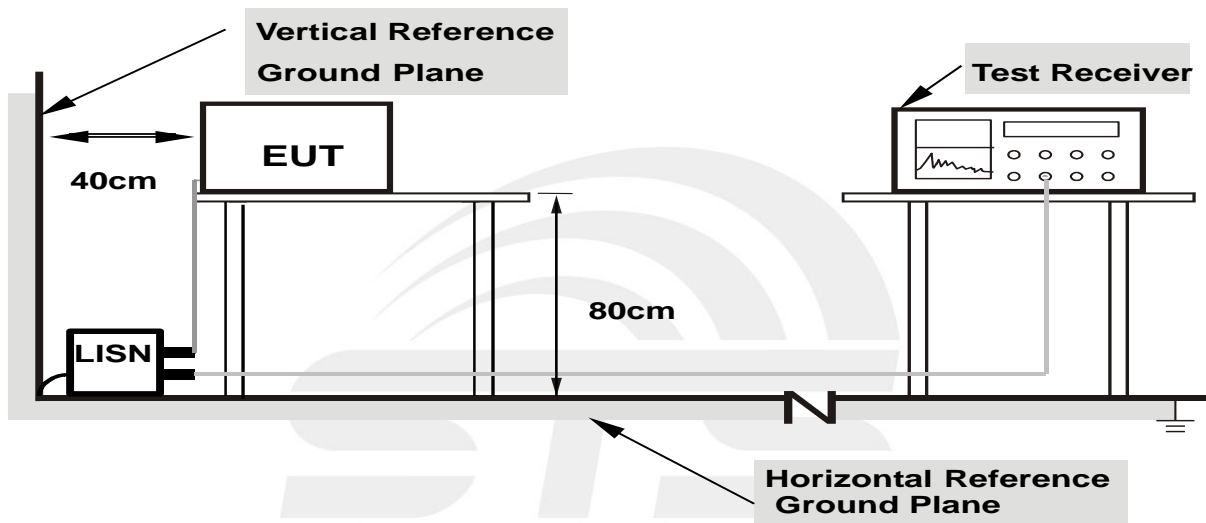
The following table is the setting of the receiver

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

### 3.2 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

### 3.3 TEST SETUP



- Note: 1.Support units were connected to second LISN.**  
**2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes**

### 3.4 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.



3.5TEST RESULTS

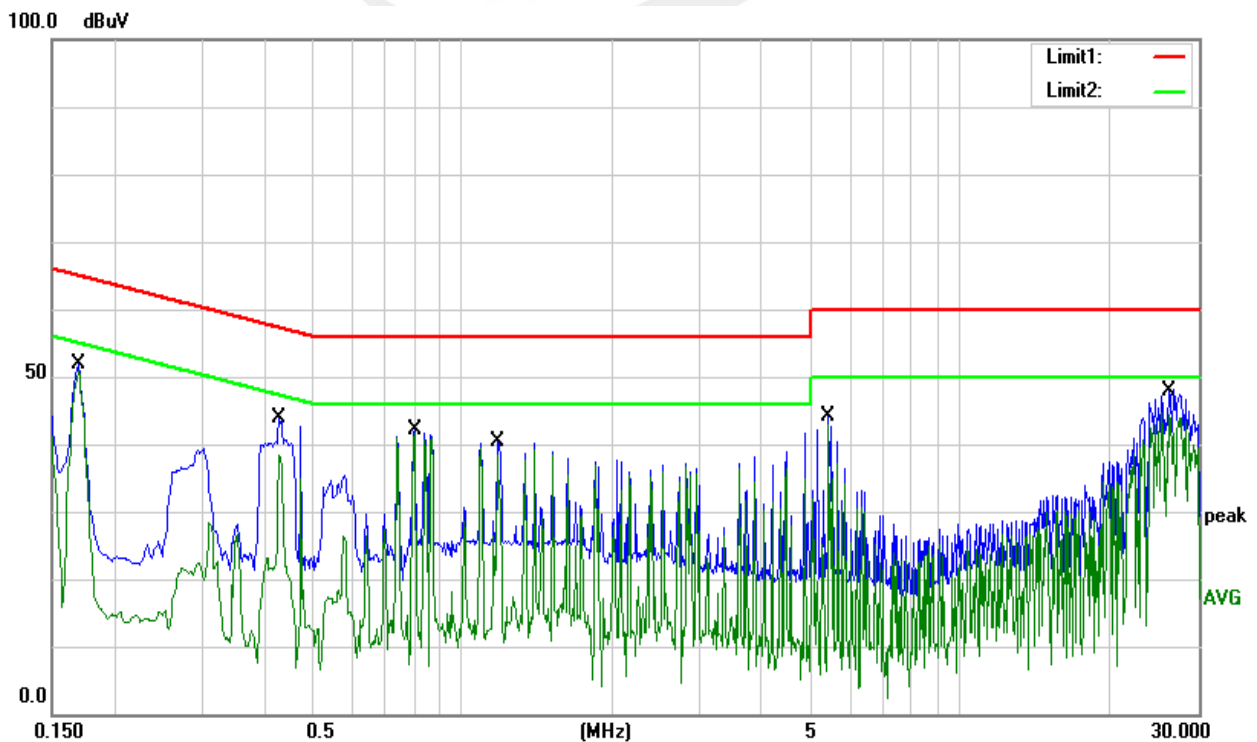
Test voltage: DC 5V

Temperature:	26.1 °C	Relative Humidity:	65%
Test Voltage:	AC 120V/60Hz	Phase:	L
Test Mode:	Mode 1		

No.	Frequency (MHz)	Reading (dBUV)	Factor (dB)	Result (dBUV)	Limit (dBUV/m)	Margin (dB)	Detector
1	0.1700	42.16	9.79	51.95	64.96	-13.01	QP
2	0.1700	41.00	9.79	50.79	54.96	-4.17	AVG
3	0.4300	33.76	10.03	43.79	57.25	-13.46	QP
4	0.4300	28.38	10.03	38.41	47.25	-8.84	AVG
5	0.8020	32.20	9.83	42.03	56.00	-13.97	QP
6	0.8020	31.86	9.83	41.69	46.00	-4.31	AVG
7	1.1780	30.70	9.80	40.50	56.00	-15.50	QP
8	1.1780	28.47	9.80	38.27	46.00	-7.73	AVG
9	5.4300	34.21	9.85	44.06	60.00	-15.94	QP
10	5.4300	32.98	9.85	42.83	50.00	-7.17	AVG
11	26.1660	37.75	10.19	47.94	60.00	-12.06	QP
12	26.1660	34.20	10.19	44.39	50.00	-5.61	AVG

Remark:

1. All readings are Quasi-Peak and Average values.
2. Margin = Result (Result =Reading + Factor )–Limit





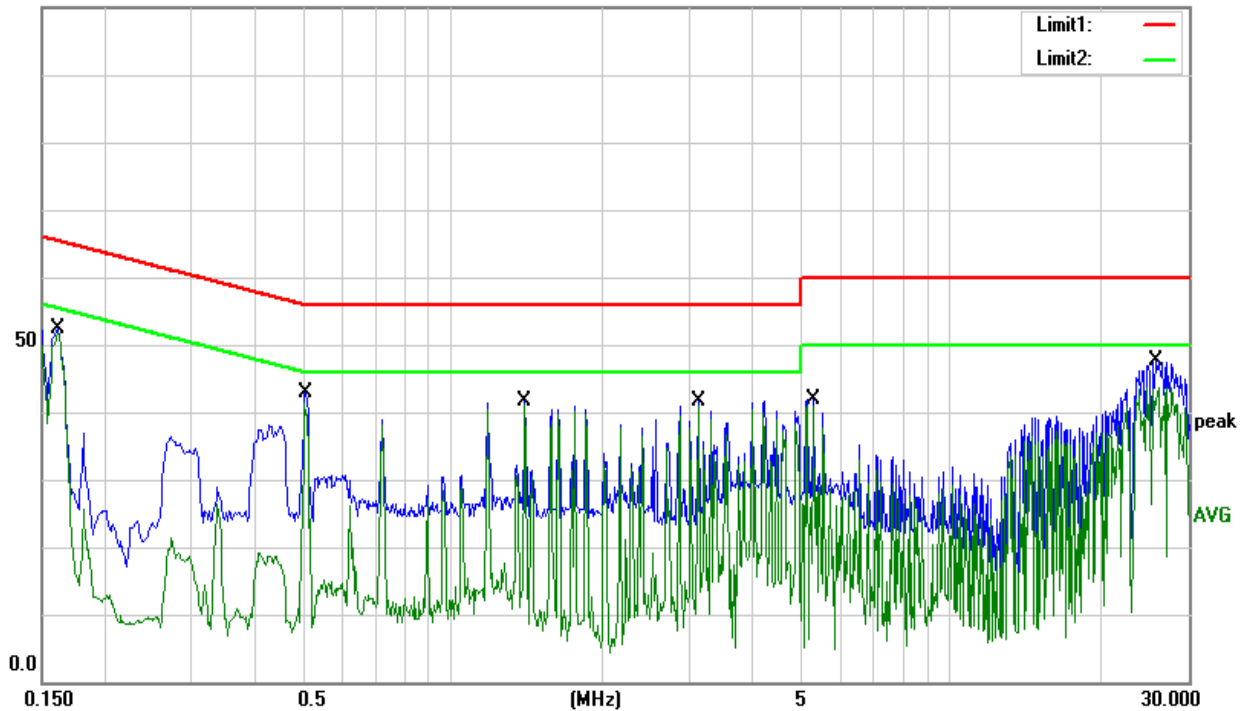
Temperature:	26.1 °C	Relative Humidity:	65%
Test Voltage:	AC 120V/60Hz	Phase:	N
Test Mode:	Mode 1		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV/m)	Margin (dB)	Detector
1	0.1620	42.69	9.79	52.48	65.36	-12.88	QP
2	0.1620	42.03	9.79	51.82	55.36	-3.54	AVG
3	0.5060	32.86	10.02	42.88	56.00	-13.12	QP
4	0.5060	31.42	10.02	41.44	46.00	-4.56	AVG
5	1.4020	31.93	9.79	41.72	56.00	-14.28	QP
6	1.4020	31.40	9.79	41.19	46.00	-4.81	AVG
7	3.1220	31.70	9.81	41.51	56.00	-14.49	QP
8	3.1220	31.07	9.81	40.88	46.00	-5.12	AVG
9	5.3060	32.08	9.85	41.93	60.00	-18.07	QP
10	5.3060	31.00	9.85	40.85	50.00	-9.15	AVG
11	25.8460	37.52	10.18	47.70	60.00	-12.30	QP
12	25.8460	33.56	10.18	43.74	50.00	-6.26	AVG

Remark:

1. All readings are Quasi-Peak and Average values.
2. Margin = Result (Result = Reading + Factor) - Limit

100.0 dBuV





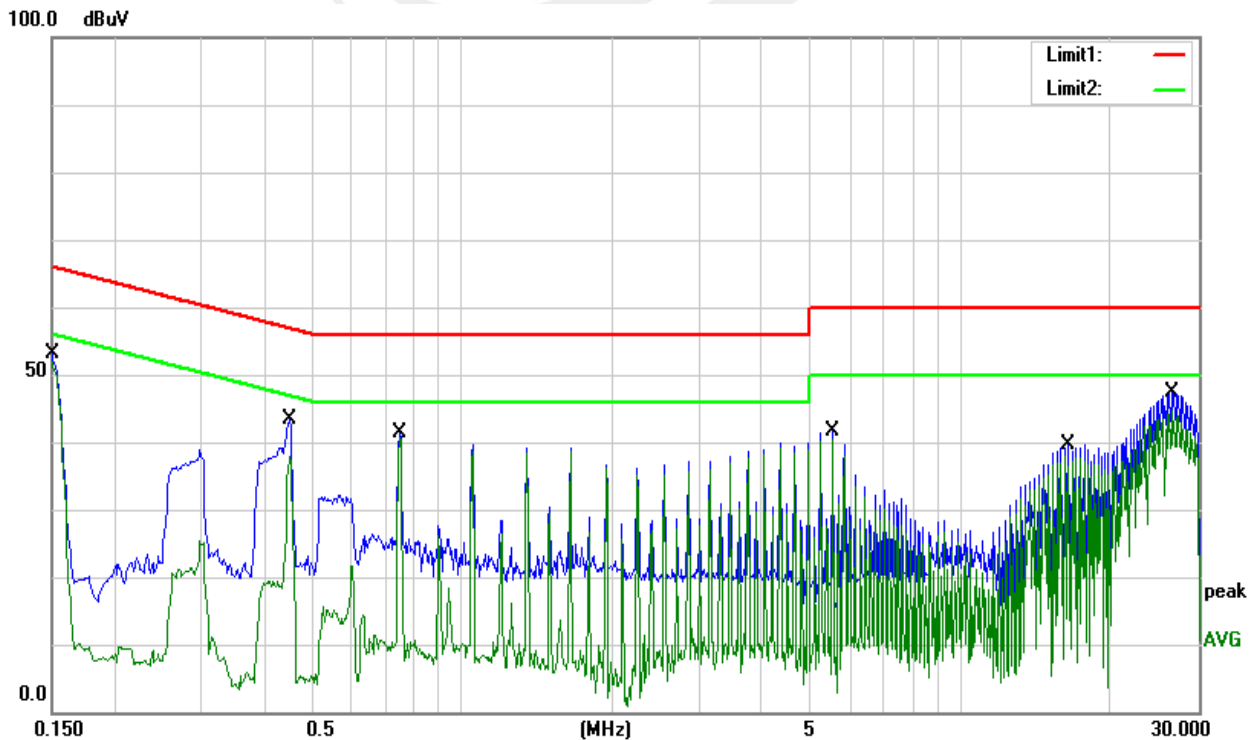
**Test voltage: DC 9V**

Temperature:	26.1 °C	Relative Humidity:	65%
Test Voltage:	AC 120V/60Hz	Phase:	L
Test Mode:	Mode 1		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV/m)	Margin (dB)	Detector
1	0.1500	43.28	9.79	53.07	66.00	-12.93	QP
2	0.1500	42.13	9.79	51.92	56.00	-4.08	AVG
3	0.4500	33.22	10.03	43.25	56.88	-13.63	QP
4	0.4500	27.90	10.03	37.93	46.88	-8.95	AVG
5	0.7500	31.52	9.83	41.35	56.00	-14.65	QP
6	0.7500	30.72	9.83	40.55	46.00	-5.45	AVG
7	5.5380	31.73	9.86	41.59	60.00	-18.41	QP
8	5.5380	30.49	9.86	40.35	50.00	-9.65	AVG
9	16.4700	29.20	10.31	39.51	60.00	-20.49	QP
10	16.4700	28.84	10.31	39.15	50.00	-10.85	AVG
11	26.4820	37.16	10.19	47.35	60.00	-12.65	QP
12	26.4820	34.42	10.19	44.61	50.00	-5.39	AVG

**Remark:**

1. All readings are Quasi-Peak and Average values.
2. Margin = Result (Result = Reading + Factor) – Limit





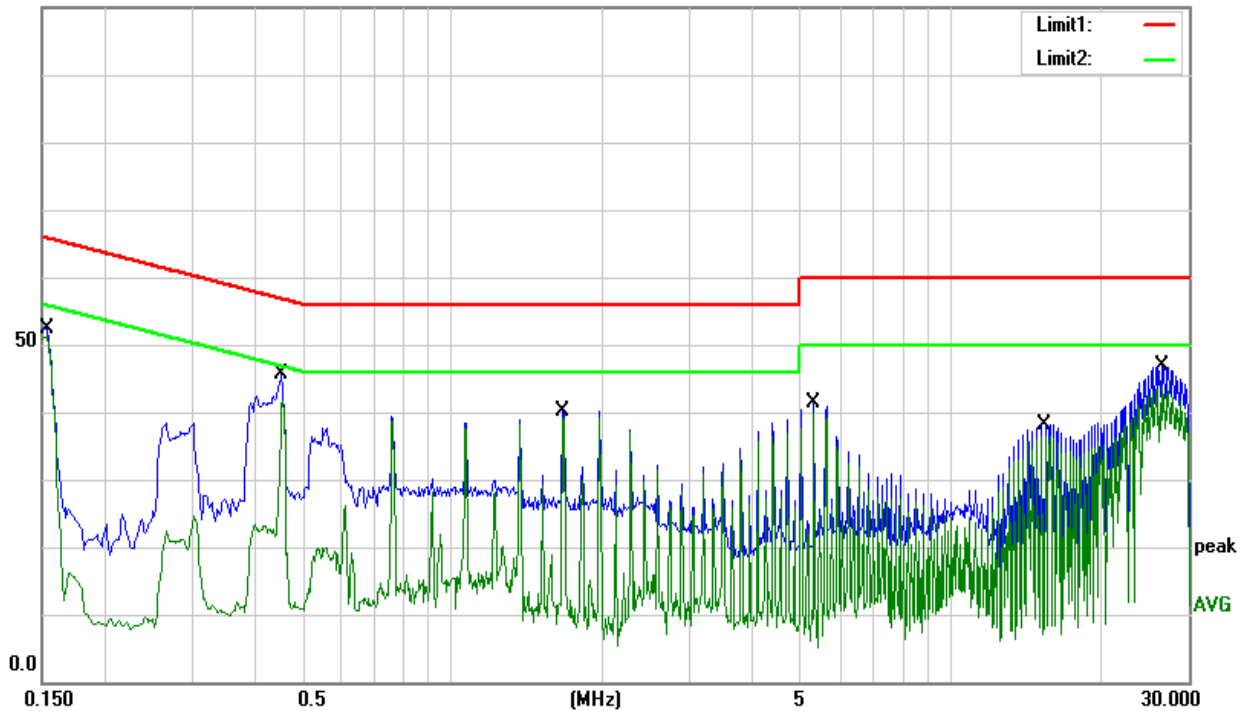
Temperature:	26.1 °C	Relative Humidity:	65%
Test Voltage:	AC 120V/60Hz	Phase:	N
Test Mode:	Mode 1		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV/m)	Margin (dB)	Detector
1	0.1540	42.49	9.79	52.28	65.78	-13.50	QP
2	0.1540	41.48	9.79	51.27	55.78	-4.51	AVG
3	0.4540	35.47	10.03	45.50	56.80	-11.30	QP
4	0.4540	31.68	10.03	41.71	46.80	-5.09	AVG
5	1.6700	30.32	9.79	40.11	56.00	-15.89	QP
6	1.6700	29.33	9.79	39.12	46.00	-6.88	AVG
7	5.3180	31.49	9.85	41.34	60.00	-18.66	QP
8	5.3180	30.01	9.85	39.86	50.00	-10.14	AVG
9	15.4980	27.98	10.26	38.24	60.00	-21.76	QP
10	15.4980	26.18	10.26	36.44	50.00	-13.56	AVG
11	26.4420	36.71	10.19	46.90	60.00	-13.10	QP
12	26.4420	33.64	10.19	43.83	50.00	-6.17	AVG

Remark:

1. All readings are Quasi-Peak and Average values.
2. Margin = Result (Result = Reading + Factor) - Limit

100.0 dBuV





#### 4. RADIATED& FIELD EMISSION TEST RESULT(SECTIOU 15.209 )

##### 4.1 Limit

Frequency [MHz]	Field Strength [uV/m]	Measurement Distance [Meters]
0.009 ~ 0.490	2400/F (kHz)	300
0.490 ~ 1.705	24000/F (kHz)	30
1.705 ~ 30	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

Note:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~90kHz / RB 200Hz for AV
Start ~ Stop Frequency	90kHz~110kHz / RB 200Hz for QP
Start ~ Stop Frequency	110kHz~490kHz / RB 200Hz for AV
Start ~ Stop Frequency	490kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

§ 15.209(d)The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

##### 4.2 TEST PROCEDURE

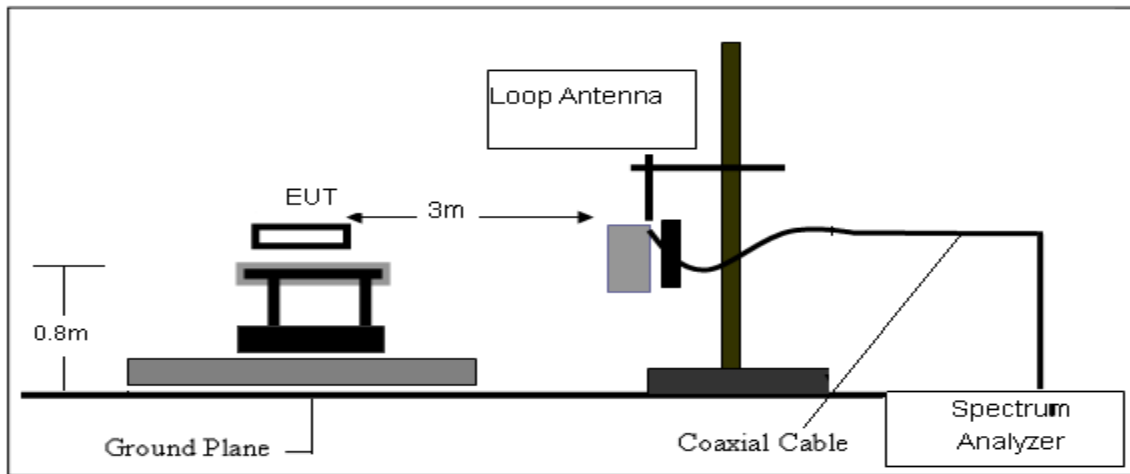
- a. The measuring distance of at 3 m shall be used for measurements at frequency 0.009MHz up to 1GHz.
- b. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- d. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

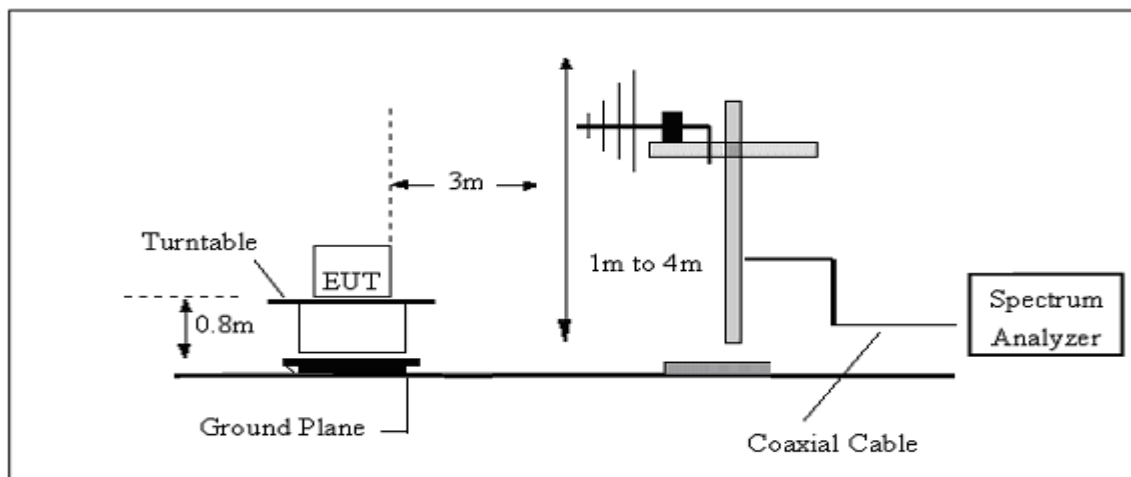
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported.

### 4.3 TEST SETUP

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



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



#### 4.4 TEST RESULTS

Temperature :	25 °C	Relative Humidity :	50%
Test Voltage :	AC 120V/60Hz	Test Mode :	TX Mode

##### 4.4.1 Spurious Radiated Emission Below 30 MHz

###### Test voltage: DC 5V

Frequency	Reading	Detector	Ant. Factor	Cable	Emission	Limits	Margin
(kHz)	(dBµV)	(PK/QP/AV)	(dB/m)	Loss	Level (dBµV/m)	(dBµV/m)	(dB)
15	75.16	PK	26.27	0.1	101.53	144.08	-42.55
15	59.38	AV	26.27	0.1	85.75	124.08	-38.33
36	70.38	PK	22.03	0.1	92.51	136.48	-43.97
36	55.36	AV	22.03	0.1	77.49	116.48	-38.99
110	77.63	PK	10.04	0.1	87.77	126.78	-39.01
110	62.46	AV	10.04	0.1	72.60	106.78	-34.18
179.3	96.52	PK	9.43	0.1	106.05	122.53	-16.48
179.3	80.58	AV	9.43	0.1	90.11	102.53	-12.42
498	64.44	QP	1.15	0.1	65.69	73.66	-7.97
21532	69.3	QP	-17.9	0.9	52.30	69.54	-17.24

###### Test voltage: DC 9V

Frequency	Reading	Detector	Ant. Factor	Cable	Emission	Limits	Margin
(kHz)	(dBµV)	(PK/QP/AV)	(dB/m)	Loss	Level (dBµV/m)	(dBµV/m)	(dB)
15	75.15	PK	26.27	0.1	101.52	144.08	-42.56
15	59.69	AV	26.27	0.1	86.06	124.08	-38.02
36	70.64	PK	22.03	0.1	92.77	136.48	-43.71
36	55.29	AV	22.03	0.1	77.42	116.48	-39.06
110	77.49	PK	10.04	0.1	87.63	126.78	-39.15
110	62.63	AV	10.04	0.1	72.77	106.78	-34.01
169.7	96.43	PK	9.43	0.1	105.96	123.01	-17.05
169.7	80.33	AV	9.43	0.1	89.86	103.01	-13.15
512	64.27	QP	1.15	0.1	65.52	73.42	-7.90
21865	69.66	QP	-17.9	0.9	52.66	69.54	-16.88

1. “\*” Means Fundamental frequency
2. Emission Level [dBµV/m] = Reading [dBµV] + Ant. Factor [dB/m] + Cable Loss [dB]
3. Margin [dB] = Emission Level [dBµV/m] – Limit [dBµV/m]
4. Limit calculation: Limit at specified distance + 40log (300/3) = Limit + 80 dB for up to 0.49 MHz  
Limit at specified distance + 40log (30/3) = Limit + 40 dB for above 0.49 MHz, Below 30 MHz

4.4.2 Spurious Radiated Emission below 1 GHz

Test voltage: DC 5V

Temperature :	27.4 °C	Relative Humidity :	62%
Test Voltage :	DC 5V	Test Mode :	Mode 1

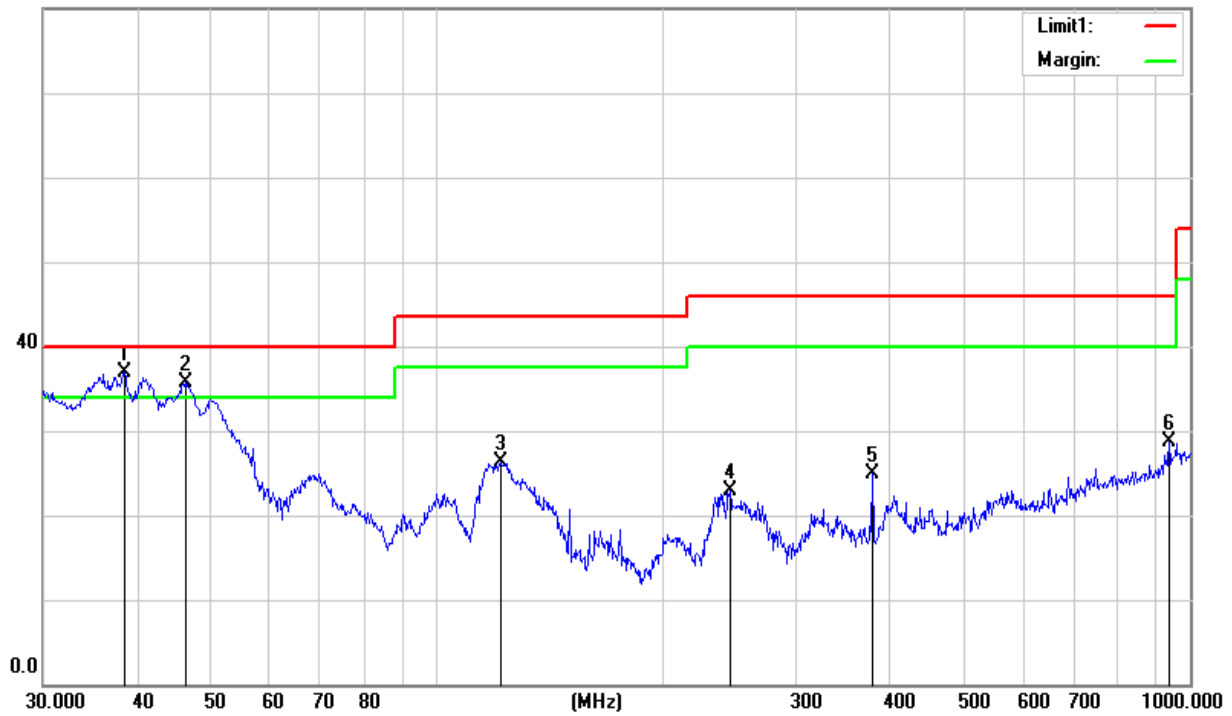
The following table shows the highest levels of radiated emissions on polarizations of vertical

Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
38.4808	52.45	-15.54	36.91	40.00	-3.09	QP
46.3402	55.35	-19.60	35.75	40.00	-4.25	QP
121.5486	43.92	-17.67	26.25	43.50	-17.25	QP
245.0900	39.87	-17.03	22.84	46.00	-23.16	QP
378.5843	37.47	-12.66	24.81	46.00	-21.19	QP
938.8326	29.36	-0.75	28.61	46.00	-17.39	QP

Remark:

1. Margin = Result (Result =Reading + Factor )-Limit

80.0 dBuV/m





Temperature :	27.4 °C	Relative Humidity :	62%
Test Voltage :	DC 5V	Test Mode :	Mode 1

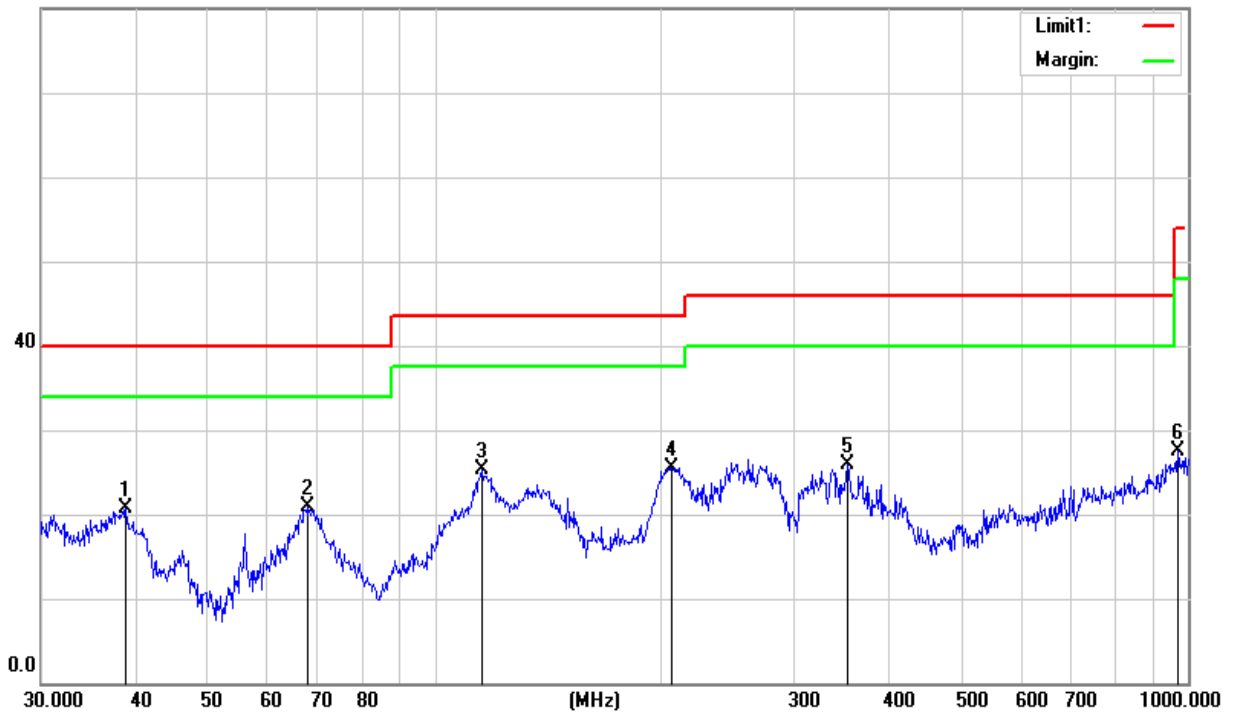
The following table shows the highest levels of radiated emissions on polarizations of horizontal

Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
38.8880	36.52	-15.75	20.77	40.00	-19.23	QP
67.9130	44.96	-24.15	20.81	40.00	-19.19	QP
115.3205	43.25	-17.99	25.26	43.50	-18.24	QP
206.3976	45.44	-19.89	25.55	43.50	-17.95	QP
352.9433	39.35	-13.45	25.90	46.00	-20.10	QP
968.9338	27.70	-0.13	27.57	54.00	-26.43	QP

Remark:

1. Margin = Result (Result =Reading + Factor )–Limit

80.0 dBuV/m



**Test voltage: DC 9V**

Temperature :	27.4 °C	Relative Humidity :	62%
Test Voltage :	DC 9V	Test Mode :	Mode 1

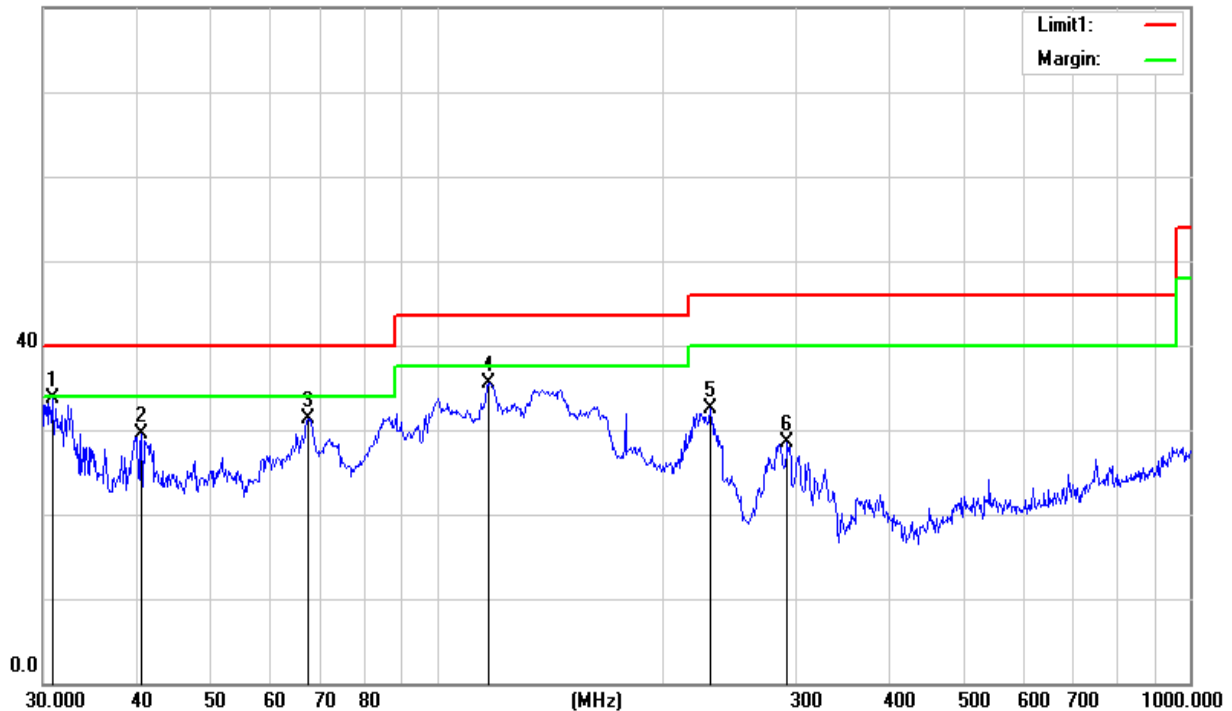
The following table shows the highest levels of radiated emissions on polarizations of vertical

Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
30.8535	45.25	-11.62	33.63	40.00	-6.37	QP
40.5591	46.09	-16.62	29.47	40.00	-10.53	QP
67.4381	55.48	-24.16	31.32	40.00	-8.68	QP
117.3602	53.45	-17.86	35.59	43.50	-7.91	QP
230.9068	50.85	-18.42	32.43	46.00	-13.57	QP
292.0581	43.72	-15.29	28.43	46.00	-17.57	QP

Remark:

1. Margin = Result (Result =Reading + Factor )-Limit

80.0 dBuV/m





Temperature :	27.4 °C	Relative Humidity :	62%
Test Voltage :	DC 9V	Test Mode :	Mode 1

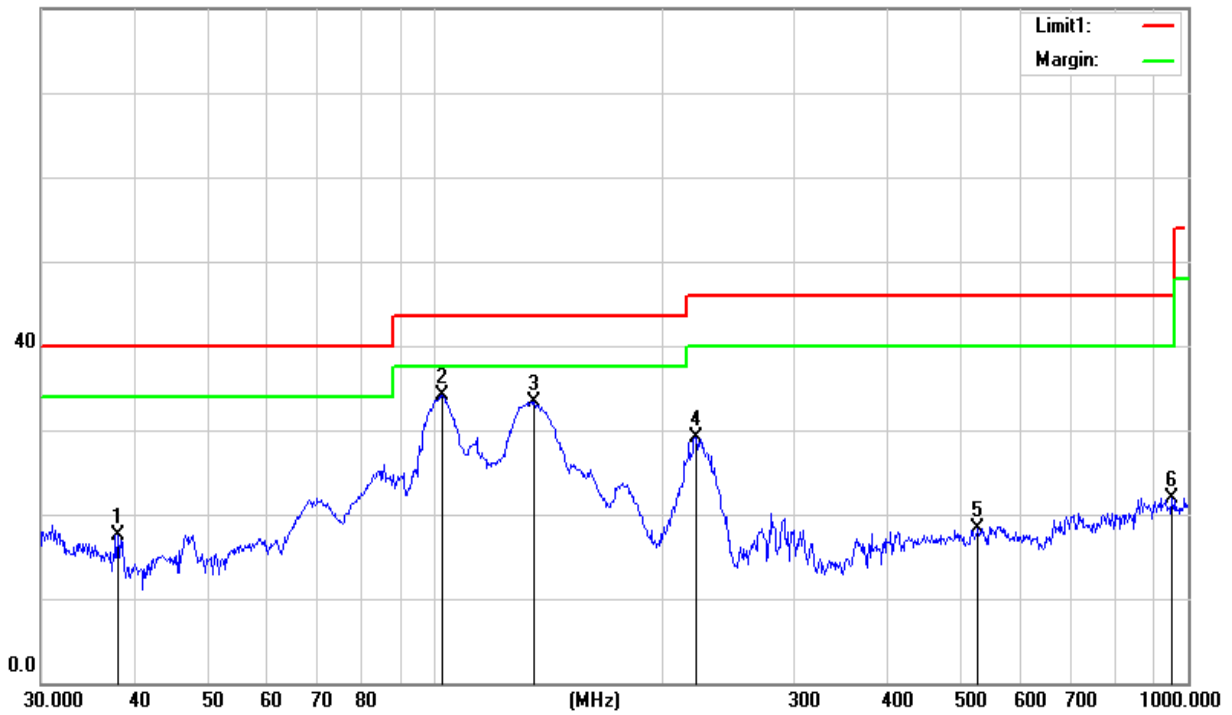
The following table shows the highest levels of radiated emissions on polarizations of horizontal

Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
37.9450	32.83	-15.26	17.57	40.00	-22.43	QP
102.3597	53.09	-18.99	34.10	43.50	-9.40	QP
135.5062	50.87	-17.52	33.35	43.50	-10.15	QP
222.1698	48.07	-18.98	29.09	46.00	-16.91	QP
526.3967	26.55	-8.26	18.29	46.00	-27.71	QP
952.0937	22.31	-0.36	21.95	46.00	-24.05	QP

Remark:

1. Margin = Result (Result =Reading + Factor )–Limit

80.0 dBuV/m





### 5. 20 DB BANDWIDTH TEST

#### 5.1 Limit

FCC Part 2.1049, Only applicable to report.

#### 5.2 TEST SETUP

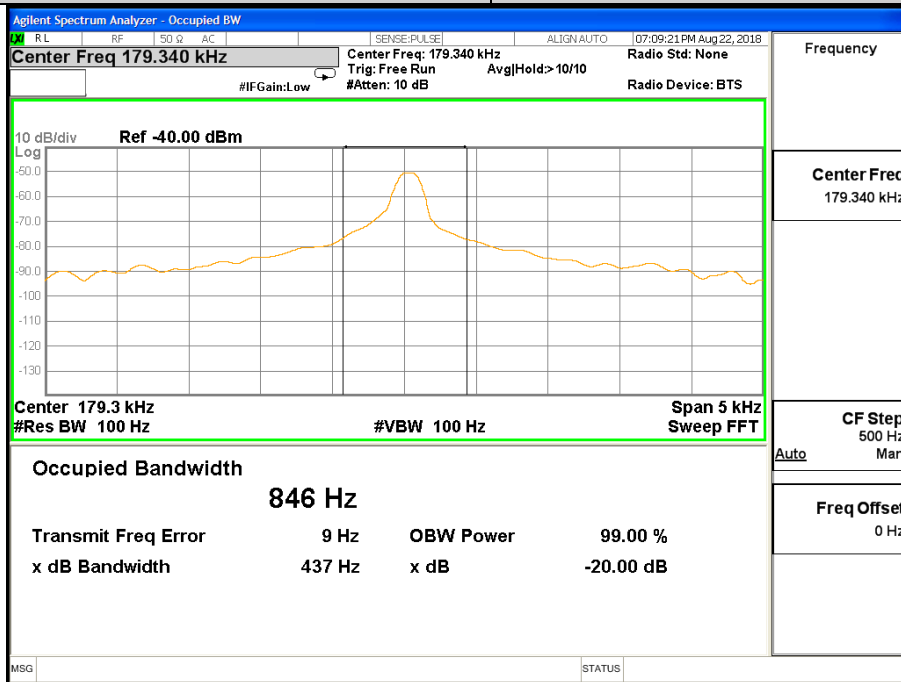
Spectrum Parameter	Setting
Span Frequency	approximately 2 to 3 times the 20 dB bandwidth
RB	greater than 1 % of the 20 dB bandwidth,
VB	equal to the RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

The test program and configuration, Refer to 4.2 and 4.3

#### 5.3 TEST RESULTS

Test voltage: DC 5V

Operating Frequency (kHz)	20 dB Bandwidth(Hz)
179.3	437

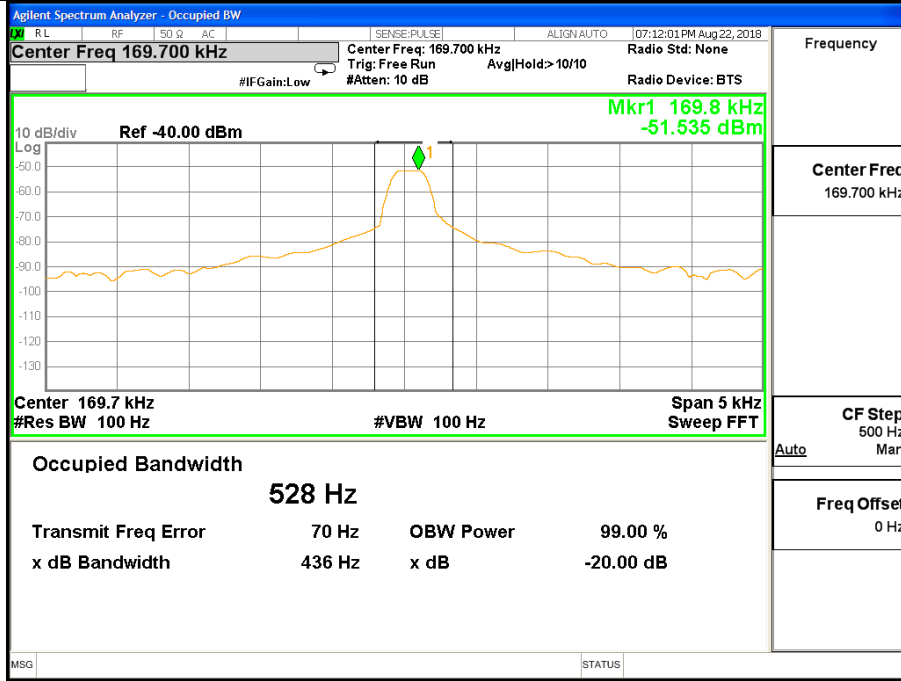






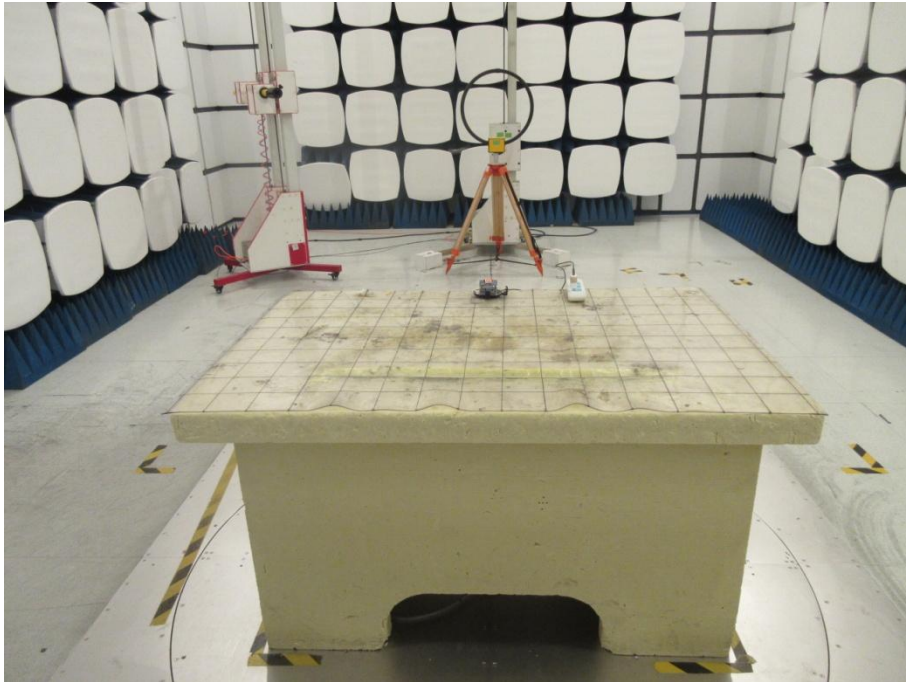
Test voltage: DC 9V

OperatingFrequency (kHz)	20 dB Bandwidth(Hz)
169.7	436

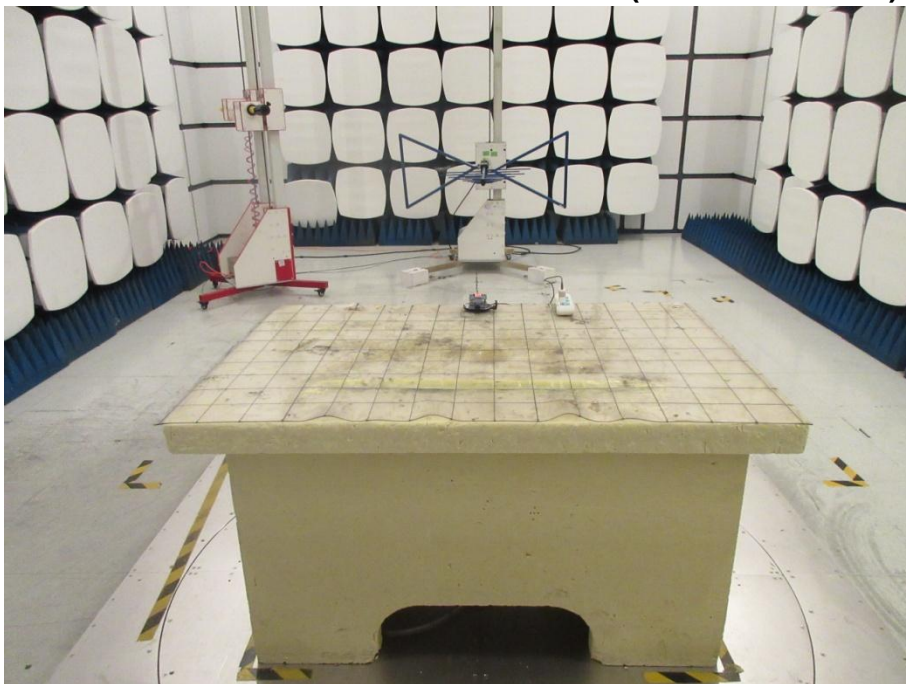


## APPENDIX-PHOTOS OF TEST SETUP

### Radiated emission Measurement Photos(9KHz-30MHz)



### Radiated emission Measurement Photos(30MHz-1000MHz)



### Conduction Measurement Photos



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