



## **FCC 47 CFR PART 15 SUBPART C TEST REPORT**

### **FOR**

Wireless charger

Model: IH-QI1019R、IH-QI1019PAY、IH-QI1019PAE、  
IH-QI1019PAN、IH-QI1019PAP、FM-QI1000M、  
FM-QI1002WD、FM-QI1004M、FM-QI1002BD

Trade Mark: N/A

Issued to

LIFEWORCS TECHNOLOGY GROUP LLC.

Issued by

WH Technology Corp.



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## 1. GENERAL INFORMATION

**Applicant** : LIFEWORKS TECHNOLOGY GROUP LLC.

**Address** : 1412 Broadway New York, NY 10018

**Manufacturer** : Lifeworks Technology Group

**Address** : NYO | 530 7th Avenue, 21st Floor, New York, NY, 10018

**EUT** : Wireless charger

**Model Name** : IH-QI1019R 、 IH-QI1019PAY 、 IH-QI1019PAE 、 IH-QI1019PAN 、  
IH-QI1019PAP 、 FM-QI1000M 、 FM-QI1002WD 、 FM-QI1004M 、  
FM-QI1002BD

**Model Differences** : Different in color

Is here with confirmed to comply with the requirements set out in the FCC Rules and Regulations Part 15 Subpart C and the measurement procedures were according to ANSI C63.10-2013. The said equipment in the configuration described in this report shows the maximum emission levels emanating from equipment are within the compliance requirements.

### FCC part 15 subpart C

Receipt Date: 11/20/2018

Final Test Date: 12/03/2018

**Tested by:**

Engineer

**Reviewed by:**

Manager

(Date)

(Signature)

Designation Number: TW2954



## 2. REPORT OF MEASUREMENTS AND EXAMINATIONS

### 2.1 LIST OF MEASUREMENTS AND EXAMINATIONS

FCC Rule	Description of Test	Result
15.207	. Conducted Emission	Pass
15.205 15.209	. Radiated Emission	Pass
2.1049	. 20 dB Bandwidth	Pass



## 2.2 DESCRIPTION OF THE TESTED SAMPLES

EUT Name	: Wireless charger
Model Number	:: IH-QI1019R
FCC ID Number	: WVEIHQI1019R
Receipt Date	: 11/20/2018
Output Power	: Input: DC 9V--1.67A, 5V--2A Output: DC 9V—1.12A, 5V--2A
Operate Frequency	: 115kHz~205kHz
Antenna Type	: Coil Antenna



### **3. TEST METHODOLOGY**

All testing as described bellowed were performed in accordance with ANSI C63.10:2013 and FCC CFR 47 Part 15 Subpart C.

#### **3.1 GENERAL TEST PROCEDURES**

##### **Conducted Emissions**

The EUT is placed on a wood table, which is at 0.8 m above ground plane acceding to clause 15.207 and requirements of ANSI C63.10:2013. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz are using CISPR Quasi-Peak / Average detectors.

##### **Radiated Emissions**

The EUT is a placed on a turn table, which is 0.8 m above ground plane. The turntable was rotated through 360 degrees to determine the position of maximum emission level. The EUT is placed at 3m away from the receiving antenna, which varied from 1m to 4m to find out the highest emission. Each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.



### 3.2 FCC PART 15.205 RESTRICTED BANDS OF OPERATIONS

(a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
10.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2655 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	( <sup>2</sup> )
13.36 - 13.41			

1 Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

2 Above 38.6

(b) Except as provided in paragraphs (d) and (e), the field strength of emissions appearing within these frequency bands shall not exceed the limits shown in Section 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in Section 15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.

### 3.3 DESCRIPTION OF TEST MODES

The EUT was tested under following modes:

**Modes:**

1. Continuous transmitting with full load (worst mode)

**Channels:**

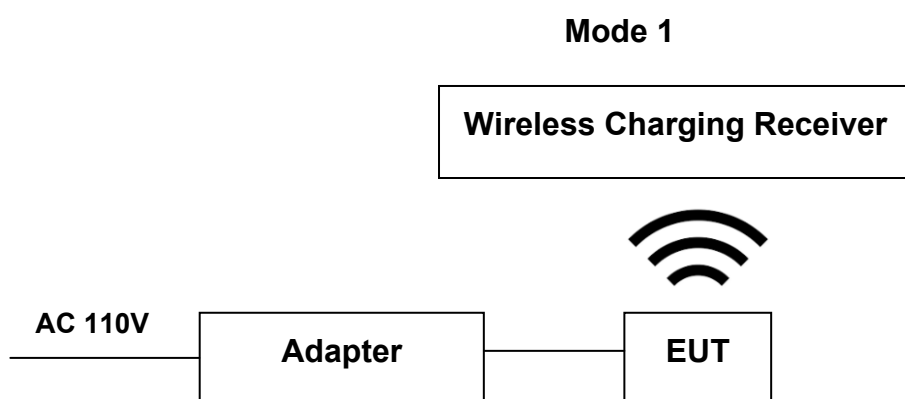
1. 176.5kHz



### 3.4 DESCRIPTION OF THE SUPPORT EQUIPMENTS

#### Setup Diagram

See test photographs attached in appendix 1 for the actual connections between EUT and support equipment.







### **Support Equipment**

Peripherals Devices:

OUTSIDE SUPPORT EQUIPMENT							
No.	Equipment	Model	Serial No.	FCC ID/ BSMI ID	Trade name	Data Cable	Power Cord
1.	Adapter	HW-059200C HQ	NA	N/A	N/A	N/A	N/A
2.	USB cable	N/A	N/A	N/A	N/A	1.0m	N/A
3.	Wireless Charger Receiver	N/A	N/A	N/A	N/A	N/A	N/A
EUT							
1.	Wireless charger	IH-QI1019R	N/A	N/A	N/A	N/A	N/A

**Note:** All the above equipment /cable were placed in worse case position to maximize emission signals during emission test

**Grounding:** Grounding was in accordance with the manufacturer's requirement and conditions for the intended use.



## **4. TEST AND MEASUREMENT EQUIPMENT**

### **4.1 CALIBRATION**

The measuring equipment utilized to perform the tests documented in the report has been calibrated once a year or in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

### **4.2 EQUIPMENT**

The following list contains measurement equipment used for testing. The equipment conforms to the requirement of CISPR 16-1, ANSI C63.2 and. Other required standards.

Calibration of all test and measurement, including any accessories that may effect such calibration, is checked frequently to ensure the accuracy. Adjustments are made and correction factors are applied in accordance with the instructions contained in the respective.



**List of Test and Measurement Equipment**

**● CALIBRATION INTERVAL OF INSTRUMENTS LISTED ABOVE IS ONE YEAR**

Test Site	Instrument	Manufacturer	Model No.	S/N	Next Cal. Date
Conduction	Spectrum (9K--3GHz)	R&S	FSP3	833387/010	2019/09/20
	EMI Receiver	R&S	ESHS10	830223/008	2019/05/22
	LISN	Rolf Heine Hochfrequenztech nik	NNB-2/16z	98062	2019/05/25
	ISN	Schwarzbeck	8-Wire ISN CAT5	CAT5-8158-0094	2019/09/21
	RF Cable	N/A	N/A	EMI-3	2019/10/19
Radiation	Bilog antenna(30M-1G)	ETC	MCTD2786B	BLB16M04004/JB-5-004	2019/05/03
	Double Ridged Guide Horn antenna(1G-18G)	ETC	MCTD 1209	DRH15N02009	2019/11/23
	Horn antenna (18G-26G)	com-power	AH-826	81000	2019/08/15
	Pre amplifier (30M-1G)	EMC INSTRUMENT	EMC9135	980334	2019/05/04
	Microwave Preamplifier (1G-18G)	EMC INSTRUMENT	EMC051845	980108&AT-18001	2019/10/23
	Pre amplifier (18G~26G)	MITEQ	JS4-18002600-30-5A	808329	2019/08/10
	EMI Test Receiver	R&S	ESVS30 (20M-1000MHz)	863342/012	2019/11/28
	RF Cable (open site)	EMCI	N male on end of both sides (EMI4)	30m	2019/10/19
	RF CABLE (1~26.5G)	HARBOUT INDUSTRIES	LL142MI(4M+4M)	NA	2019/03/08
	RF CABLE (1~26.5G)	HARBOUR INDUSTRIES	LL142MI(7M)	NA	2019/08/11
	Spectrum (9K—7GHz)	R&S	FSP7	830180/006	2019/02/25
	Spectrum (9K—40GHz)	AGILENT	8564EC	4046A0032	2019/01/03
Software	e3	AUDIX	N/A	N/A	N/A

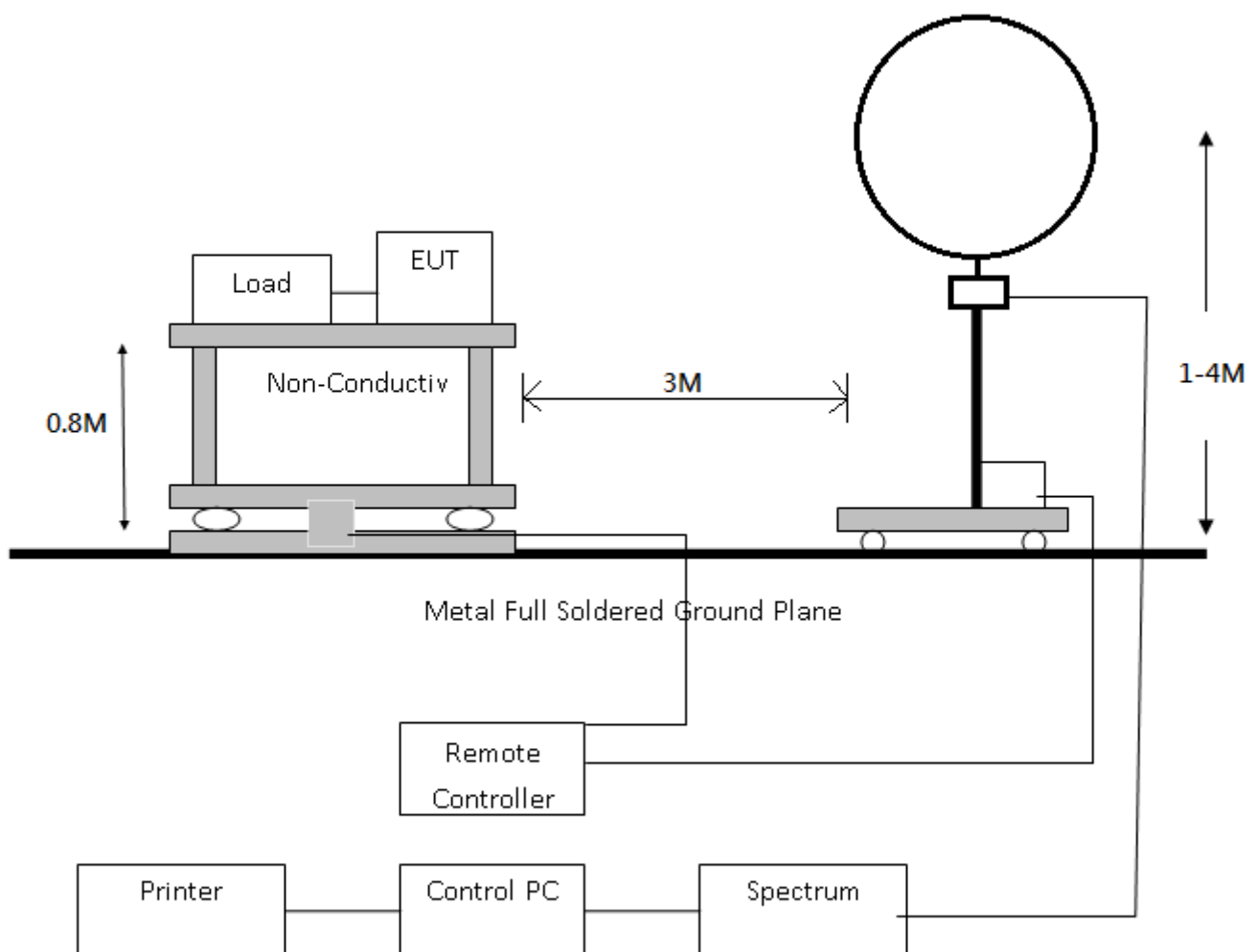
●



## 5. SECTION 15.209 REQUIREMENTS (GENERAL RADIATED EMISSION)

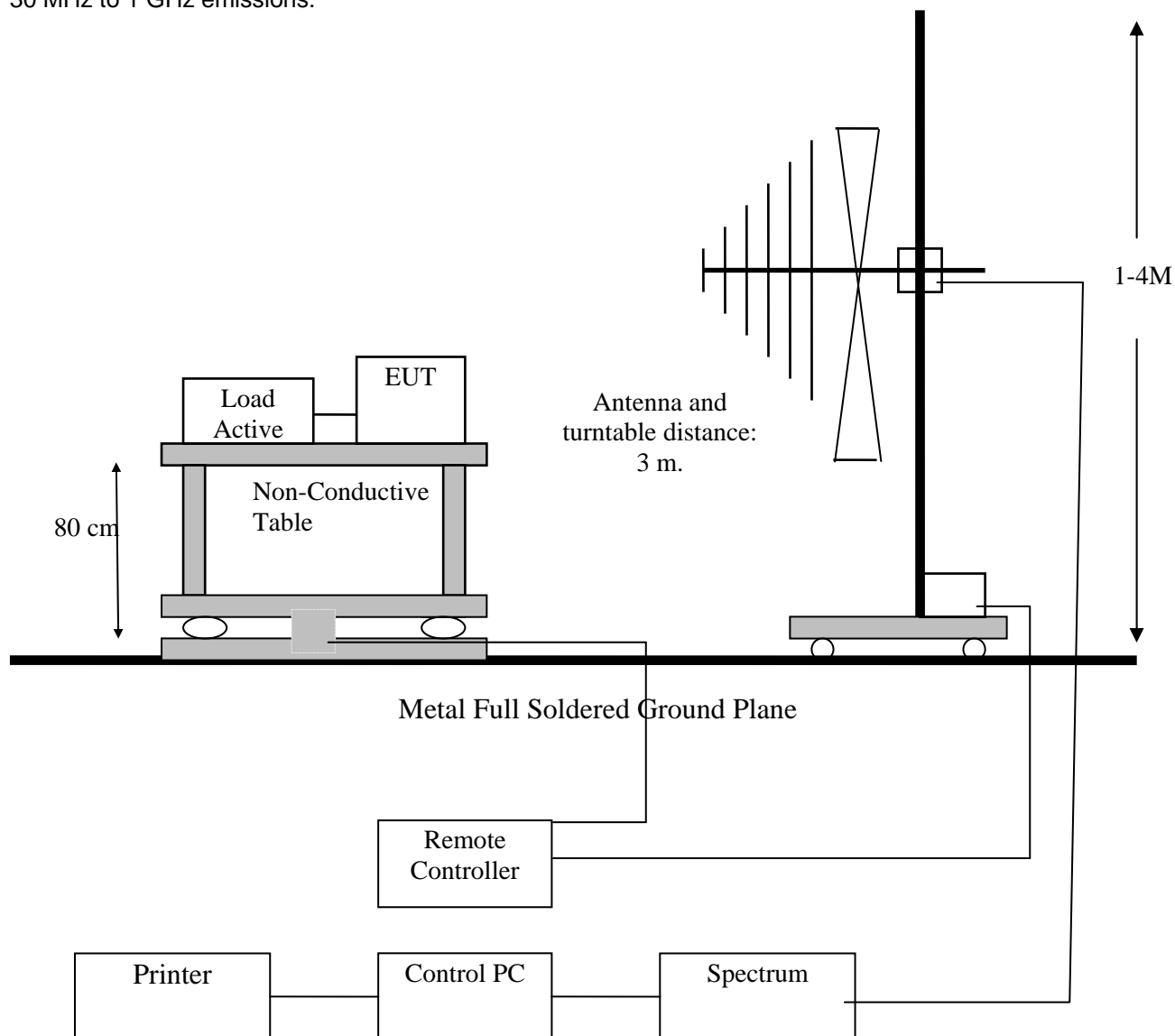
### 5.1 TEST SETUP

9 kHz to 30 MHz emissions:





30 MHz to 1 GHz emissions:





## 5.2 LIMIT

The field strength of any emissions which appear outside of this band shall not exceed the general radiated emission limits in section 15.209 as below.

Frequency (MHz)	Field Strength (Mv/m)	Measurement Distance (m)
1.705-30	30	30
30-88	100*	3
88-216	150*	3
216-960	200*	3
Above 960	500*	3

*\*Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz,*

*174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g., Sections 15.231 and 15.241.*

*In the above emission table, the tighter limit applies at the band edges.*

Frequency of Emission (MHz)	Field Strength		Measurement Distance (meters)
	Mv/m	dB $\mu$ V/m	
0.009-0.49	2400/F(kHz)	67.6-20logf(kHz)	300
0.49-1.705	24000/F(kHz)	87.6-20logf(kHz)	30
1.705-30	30	29.5	30
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3



### **5.3 TEST PROCEDURE**

1. The EUT was placed on a turntable, which was 0.8m above ground plane.
2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
3. EUT was set at 3m away from the receiving antenna, which was varied from 1m to 4m to find out the highest emissions.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. And also, each emission was maximized by changing the polarization of receiving antenna, both horizontal and vertical.
6. Repeated above procedures until the measurements for all frequencies are completed.

### **5.4 RESULT: PASSED**



## **5.5 TEST DATA:**

All frequencies not described in this test report and within the range of the general radiated emission limits are not detectable significantly. The table as below is representing worst emissions found.





9KHz ~ 30MHz

DC 5V  
Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(Db/m)	(dBuV/m)	(dBuV/m)	(Db)	
1	0.0122	108.98	-18.57	90.41	145.88	-55.47	peak
2	0.0122	98.98	-18.57	80.41	125.88	-45.47	AVG
3	0.0937	37.00	21.88	58.88	128.17	-69.29	QP
4	0.1378	36.55	21.96	58.51	124.82	-66.31	peak
5	0.1378	26.55	21.96	48.51	104.82	-56.31	AVG
6	0.1765	56.18	22.05	78.23	122.67	-44.44	peak
7	0.1765	43.27	22.05	65.32	102.67	-37.35	AVG
8	0.3338	22.62	22.74	45.36	117.13	-71.77	peak
9	0.3338	12.62	22.74	35.36	97.13	-61.77	AVG
10	1.7162	21.48	21.48	42.96	89.54	-46.58	QP

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(Db/m)	(dBuV/m)	(dBuV/m)	(Db)	
1	0.0100	60.00	32.17	92.17	147.60	-55.43	peak
2	0.0100	50.00	32.17	82.17	127.60	-45.43	AVG
3	0.0974	37.33	21.79	59.12	127.83	-68.71	QP
4	0.1160	37.83	21.83	59.66	126.31	-66.65	peak
5	0.1160	27.83	21.83	49.66	106.31	-56.65	AVG
6	0.1765	59.34	22.05	81.39	122.67	-41.28	peak
7	0.1765	50.21	22.05	72.26	102.67	-30.41	AVG
8	0.2630	24.32	22.71	47.03	119.20	-72.17	peak
9	0.2630	14.32	22.71	37.03	99.20	-62.17	AVG
10	1.5766	22.18	21.57	43.75	83.65	-39.90	QP



DC 9V  
Horizontal

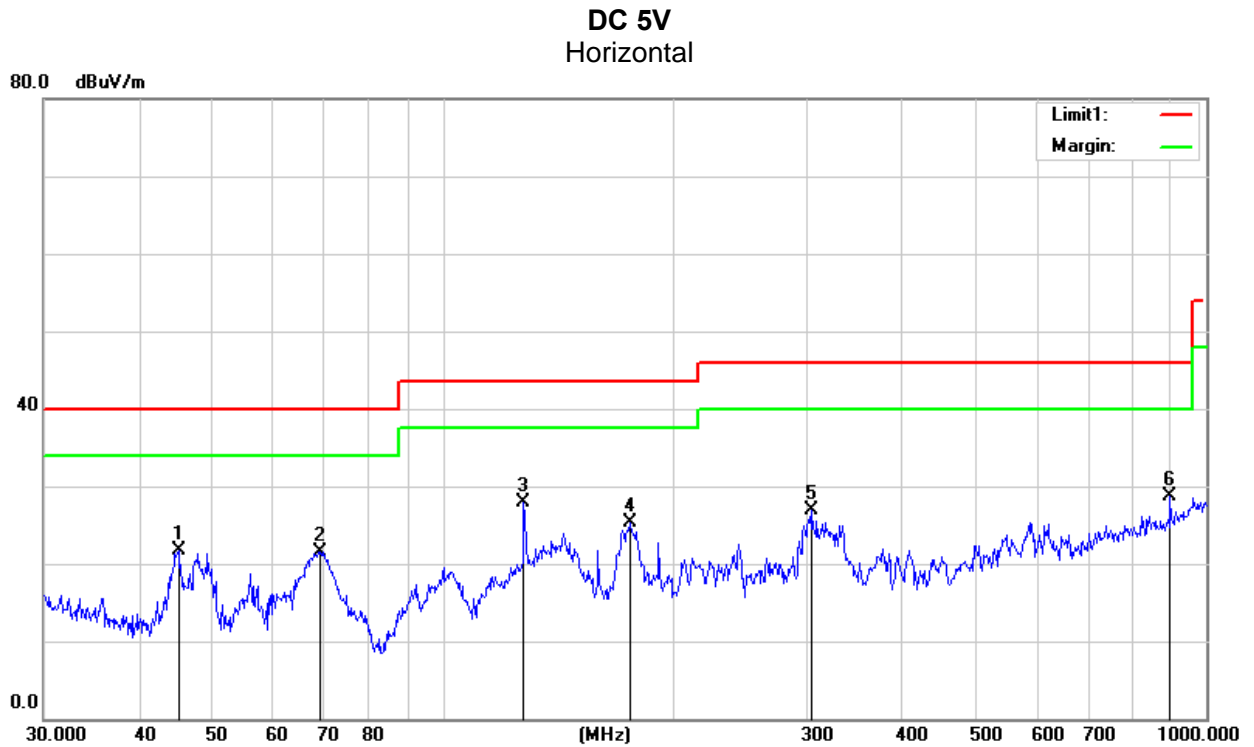
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(Db/m)	(dBuV/m)	(dBuV/m)	(Db)	
1	0.0193	40.97	29.03	70.00	141.89	-71.89	peak
2	0.0193	30.97	29.03	60.00	121.89	-61.89	AVG
3	0.0974	37.33	21.79	59.12	127.83	-68.71	QP
4	0.1414	37.14	21.98	59.12	124.59	-65.47	peak
5	0.1414	27.14	21.98	49.12	104.59	-55.47	AVG
6	0.1765	56.84	22.05	78.89	122.67	-43.78	peak
7	0.1765	44.65	22.05	66.70	102.67	-35.97	AVG
8	0.2117	26.03	22.40	48.43	121.09	-72.66	peak
9	0.2117	16.03	22.40	38.43	101.09	-62.66	AVG
10	1.4182	22.47	21.73	44.20	84.57	-40.37	QP

Vertical

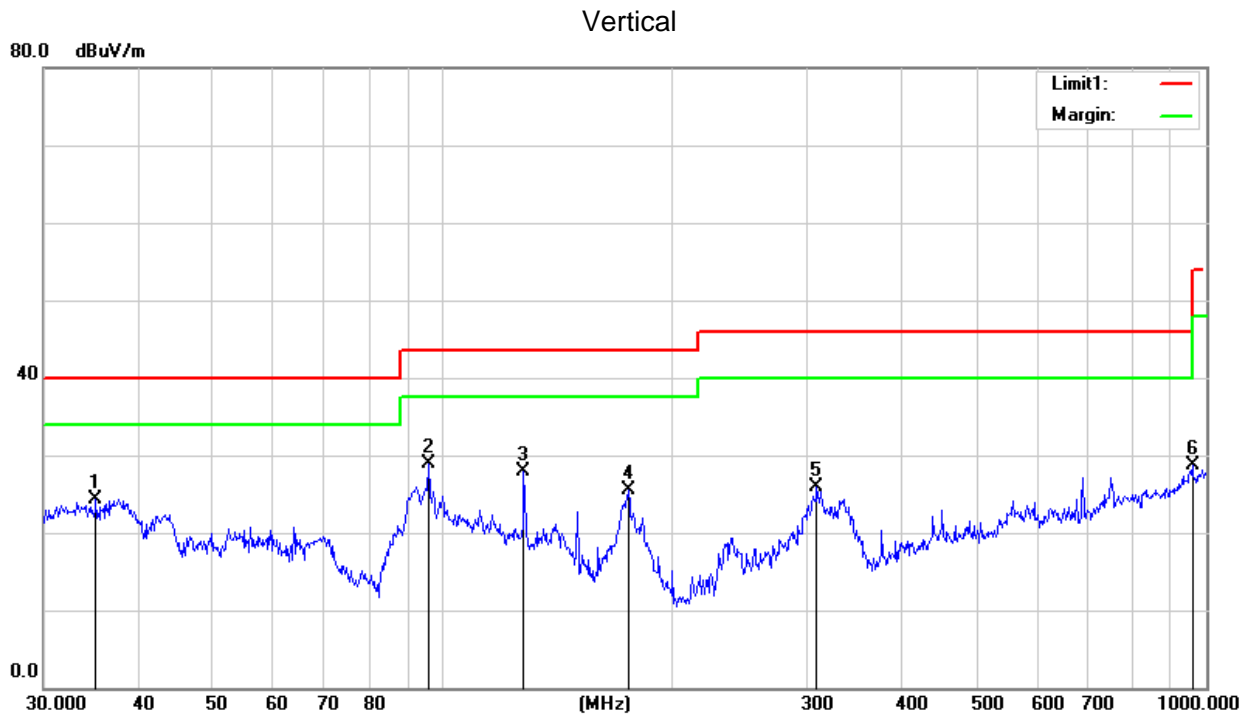
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(Db/m)	(dBuV/m)	(dBuV/m)	(Db)	
1	0.0120	59.23	31.50	90.73	146.02	-55.29	peak
2	0.0120	49.23	31.50	80.73	126.02	-45.29	AVG
3	0.0894	35.43	21.98	57.41	128.58	-71.17	QP
4	0.1318	35.22	21.92	57.14	125.20	-68.06	peak
5	0.1318	25.22	21.92	47.14	105.20	-58.06	AVG
6	0.1765	59.66	22.05	81.71	122.67	-40.96	peak
7	0.1765	48.52	22.05	70.57	102.67	-32.10	AVG
8	0.2714	24.52	22.76	47.28	118.93	-71.65	peak
9	0.2714	14.52	22.76	37.28	98.93	-61.65	AVG
10	1.5684	22.68	21.58	44.26	83.70	-39.44	QP



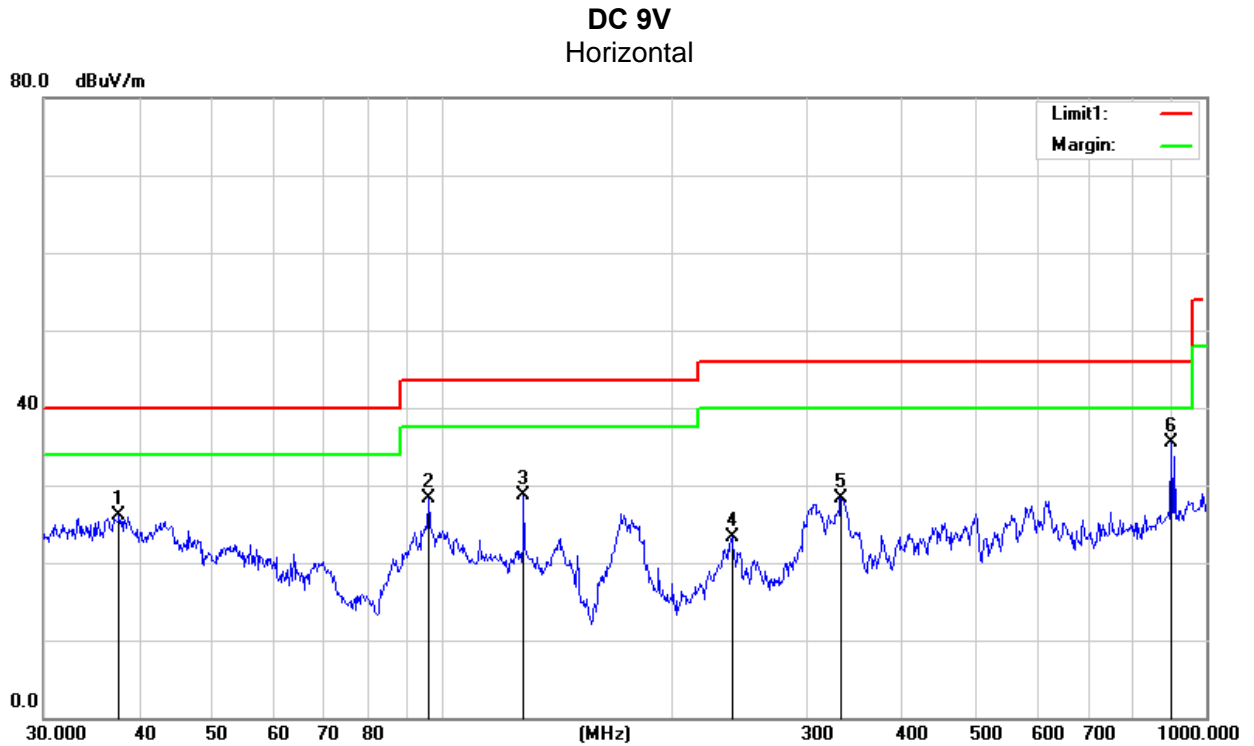
30MHz ~ 1000MHz



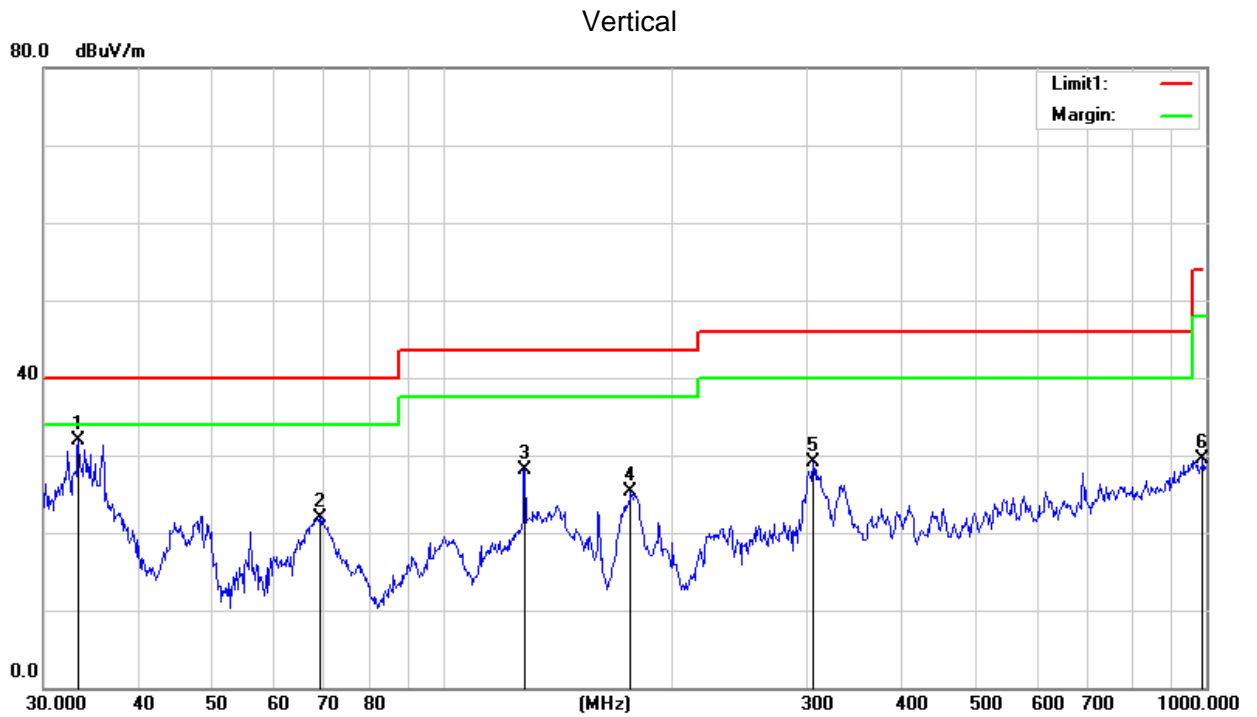
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(Db/m)	(dBuV/m)	(dBuV/m)	(Db)	
1	45.0583	40.54	-18.93	21.61	40.00	-18.39	QP
2	69.1141	45.62	-24.12	21.50	40.00	-18.50	QP
3	127.6645	45.50	-17.58	27.92	43.50	-15.58	QP
4	176.2686	44.79	-19.41	25.38	43.50	-18.12	QP
5	304.6100	41.50	-14.66	26.84	46.00	-19.16	QP
6	896.9965	31.08	-2.30	28.78	46.00	-17.22	QP



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(Db/m)	(dBuV/m)	(dBuV/m)	(Db)	
1	35.1278	38.13	-13.82	24.31	40.00	-15.69	QP
2	95.7622	48.59	-19.61	28.98	43.50	-14.52	QP
3	127.6645	45.41	-17.58	27.83	43.50	-15.67	QP
4	175.0368	44.96	-19.38	25.58	43.50	-17.92	QP
5	308.9126	40.34	-14.53	25.81	46.00	-20.19	QP
6	958.7943	28.91	-0.16	28.75	46.00	-17.25	QP



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(Db/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (Db)	Remark
1	37.6798	41.28	-15.13	26.15	40.00	-13.85	QP
2	95.7622	48.00	-19.61	28.39	43.50	-15.11	QP
3	127.6645	46.21	-17.58	28.63	43.50	-14.87	QP
4	239.1473	41.04	-17.82	23.22	46.00	-22.78	QP
5	332.5187	42.41	-14.07	28.34	46.00	-17.66	QP
6	900.1474	37.78	-2.26	35.52	46.00	-10.48	QP



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(Db/m)	(dBuV/m)	(dBuV/m)	(Db)	
1	33.3280	44.71	-12.90	31.81	40.00	-8.19	QP
2	69.1141	45.94	-24.12	21.82	40.00	-18.18	QP
3	128.1130	45.73	-17.58	28.15	43.50	-15.35	QP
4	176.2686	44.71	-19.41	25.30	43.50	-18.20	QP
5	305.6800	43.70	-14.63	29.07	46.00	-16.93	QP
6	989.5355	29.70	-0.11	29.59	54.00	-24.41	QP



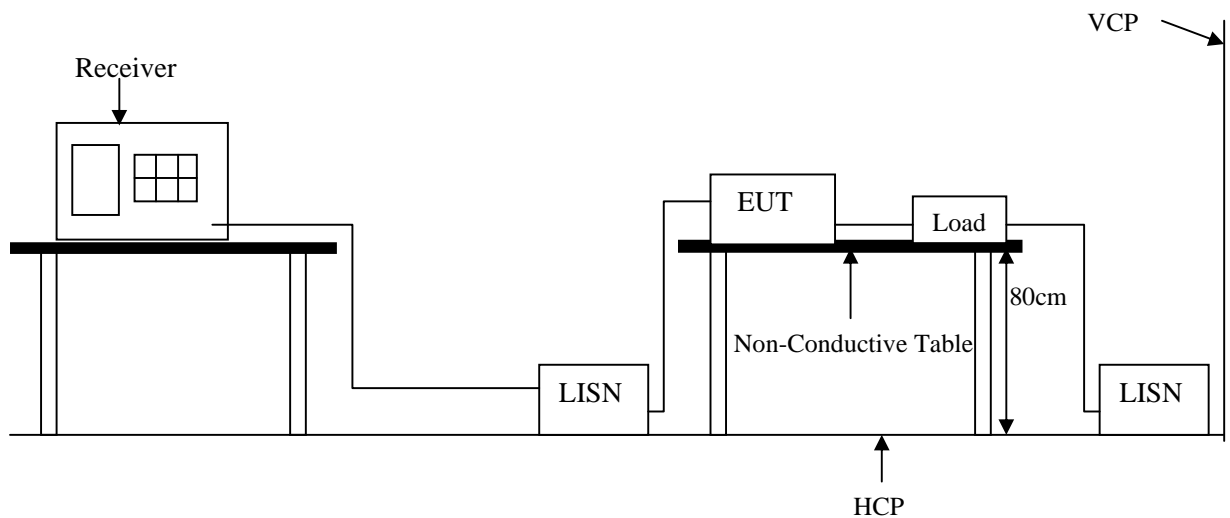
Note:

1. Emission level = Reading level + Correction factor
2. Correction factor : Antenna factor, Cable loss, Pre-Amp, etc.
3. All emissions as described above were determining by rotating the EUT through three orthogonal axes to maximizing the emissions if the EUT belongs to hand-held or body-worn devices.
4. Measurements from 9 kHz to 150 kHz, Peak detector setting: 100 Hz RBW
5. Measurements from 150 kHz to 30MHz, Peak detector setting: 10 kHz RBW
6. Measurements from 30 MHz to 1000 MHz, Peak detector setting: 100 kHz RBW
7. Measurements from 9 kHz to 150 kHz, CISPR Quasi-Peak detector: 200 Hz RBW
8. Measurements from 150 kHz to 30MHz, CISPR Quasi-Peak detector: 9 kHz RBW
9. Measurements from 30 MHz to 1000 MHz, CISPR Quasi-Peak detector: 120 kHz RBW
10. Peak detector measurement data will represent the worst case results.



## 6. SECTION 15.207 REQUIREMENTS (POWERLINE CONDUCTED EMISSIONS)

### 6.1 TEST SETUP



### 6.2 LIMIT

Frequency range (MHz)	CLASS B	
	QP Db(Uv)	Average Db(Uv)
0.15-0.5	66 — 56 dBuV	56 — 46 dBuV
0.5-5.0	56 dBuV	46 dBuV
5.0-30.0	60 dBuV	50 dBuV

Remark: In the above table, the tighter limit applies at the band edges.

### 6.3 TEST PROCEDURE

The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). It provides a 50 ohm / 50  $\mu$ H coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50 ohm / 50  $\mu$ H coupling impedance with 50 ohm termination. (Please refer to the block diagram of the test setup and photograph.)

Both sides of AC line are checked for the maximum conducted emission interference. In order to find the maximum emissions, the relating positions of equipment and all of the interference cables must be changed according to EN 55022 regulations: The measurement procedure on conducted emission interference.

The resolution bandwidth of the field strength meter is set at 9 KHz.





#### **6.4 TEST SPECIFICATION**

According to PART15.207

#### **6.5 RESULT:**

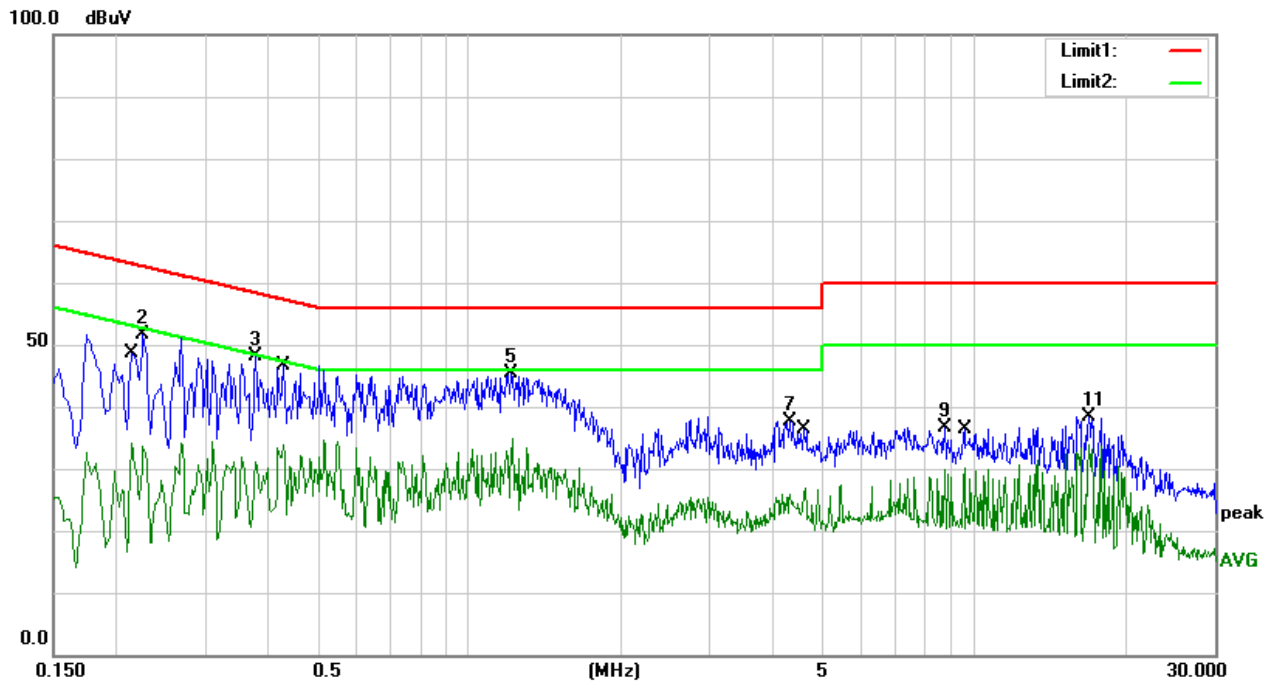
EMI Receiver/Spectrum Analyzer Configuration (for the frequencies tested)

Frequency Range:	150KHz—30MHz
Detector Function:	Quasi-Peak / Average Mode
Resolution Bandwidth:	9KHz

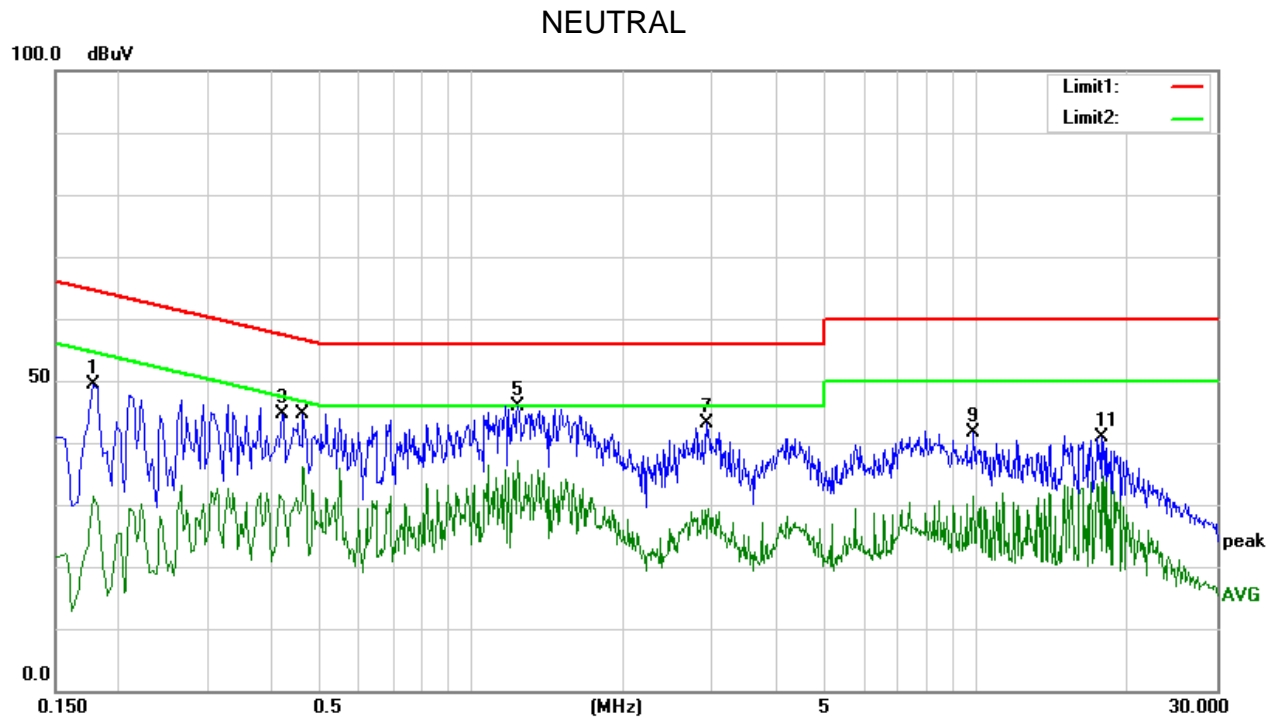


## 6.6 TEST DATA:

DC 5V  
LINE



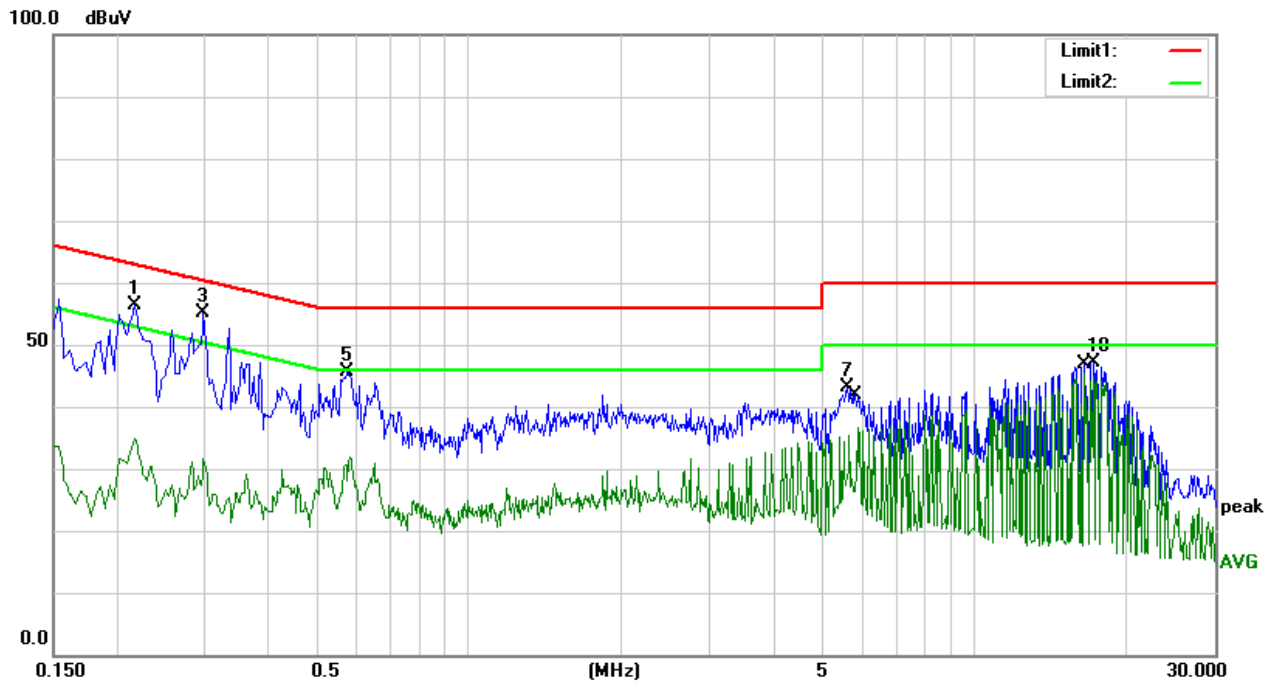
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2140	13.86	20.30	34.16	53.05	-18.89	QP
2	0.2260	31.26	20.36	51.62	62.60	-10.98	AVG
3	0.3780	27.60	20.55	48.15	58.32	-10.17	QP
4	0.4300	13.39	20.49	33.88	47.25	-13.37	AVG
5	1.2140	25.28	20.14	45.42	56.00	-10.58	QP
6	1.2180	14.66	20.14	34.80	46.00	-11.20	AVG
7	4.3300	17.72	19.95	37.67	56.00	-18.33	QP
8	4.6420	6.84	19.95	26.79	46.00	-19.21	AVG
9	8.7380	16.60	20.04	36.64	60.00	-23.36	QP
10	9.5580	9.93	20.10	30.03	50.00	-19.97	AVG
11	16.8420	18.50	19.97	38.47	60.00	-21.53	QP
12	16.8420	13.81	19.97	33.78	50.00	-16.22	AVG



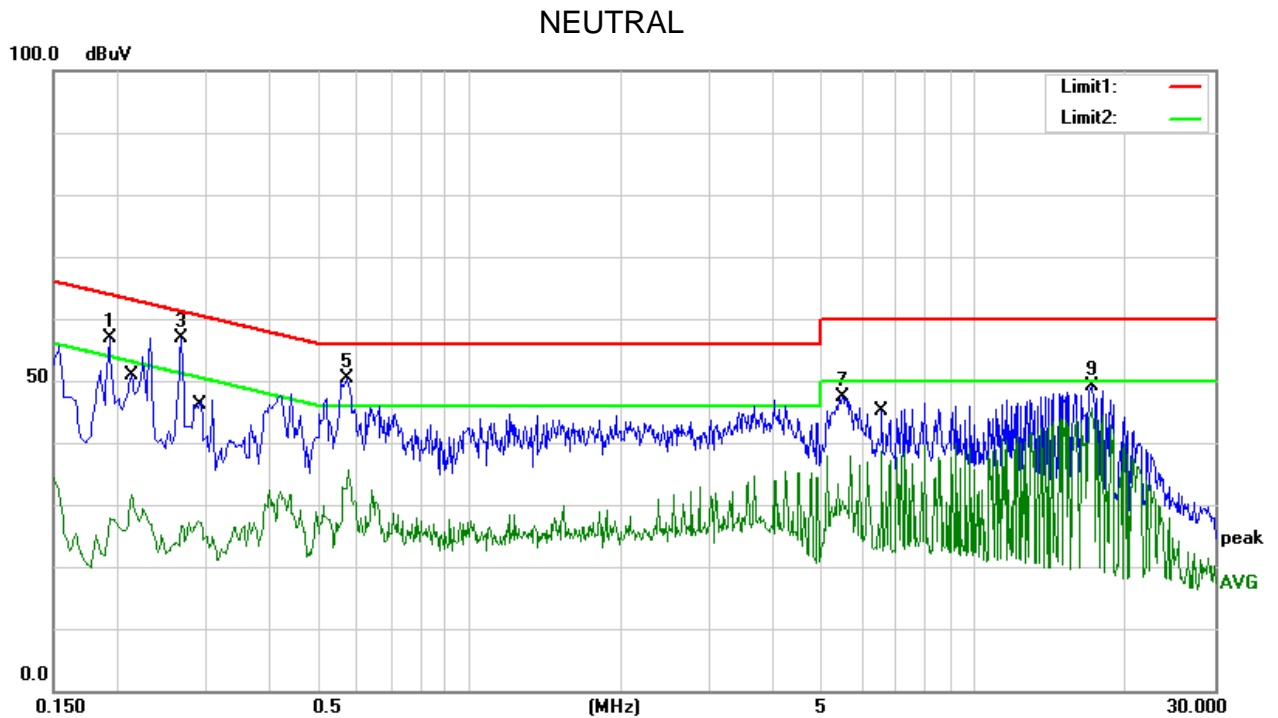
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1780	29.08	20.23	49.31	64.58	-15.27	QP
2	0.1780	11.14	20.23	31.37	54.58	-23.21	AVG
3	0.4220	24.23	20.49	44.72	57.41	-12.69	QP
4	0.4660	15.57	20.48	36.05	46.58	-10.53	AVG
5	1.2420	25.66	20.14	45.80	56.00	-10.20	QP
6	1.2420	16.95	20.14	37.09	46.00	-8.91	AVG
7	2.9260	23.02	19.99	43.01	56.00	-12.99	QP
8	2.9580	9.43	19.98	29.41	46.00	-16.59	AVG
9	9.8860	21.40	20.12	41.52	60.00	-18.48	QP
10	9.8860	11.34	20.12	31.46	50.00	-18.54	AVG
11	17.6660	21.03	19.96	40.99	60.00	-19.01	QP
12	17.9380	14.72	19.95	34.67	50.00	-15.33	AVG



DC 9V  
LINE



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2180	35.95	20.32	56.27	62.89	-6.62	QP
2	0.2180	14.57	20.32	34.89	52.89	-18.00	AVG
3	0.2980	34.45	20.71	55.16	60.30	-5.14	QP
4	0.2980	10.97	20.71	31.68	50.30	-18.62	AVG
5	0.5740	25.29	20.40	45.69	56.00	-10.31	QP
6	0.5820	11.48	20.39	31.87	46.00	-14.13	AVG
7	5.6100	23.29	19.92	43.21	60.00	-16.79	QP
8	5.8980	16.72	19.90	36.62	50.00	-13.38	AVG
9	16.5300	25.30	19.97	45.27	50.00	-4.73	AVG
10	17.2460	27.18	19.97	47.15	60.00	-12.85	QP



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1940	36.70	20.23	56.93	63.86	-6.93	QP
2	0.2140	11.42	20.30	31.72	53.05	-21.33	AVG
3	0.2700	36.34	20.57	56.91	61.12	-4.21	QP
4	0.2900	6.70	20.67	27.37	50.52	-23.15	AVG
5	0.5740	29.93	20.40	50.33	56.00	-5.67	QP
6	0.5780	15.14	20.40	35.54	46.00	-10.46	AVG
7	5.4900	27.44	19.92	47.36	60.00	-12.64	QP
8	6.5700	18.73	19.91	38.64	50.00	-11.36	AVG
9	17.1620	29.05	19.96	49.01	60.00	-10.99	QP
10	17.1620	25.63	19.96	45.59	50.00	-4.41	AVG



## 7. 20 DB BANDWIDTH TEST

### 7.1 LIMIT

FCC Part 2.1049, Only applicable to report.

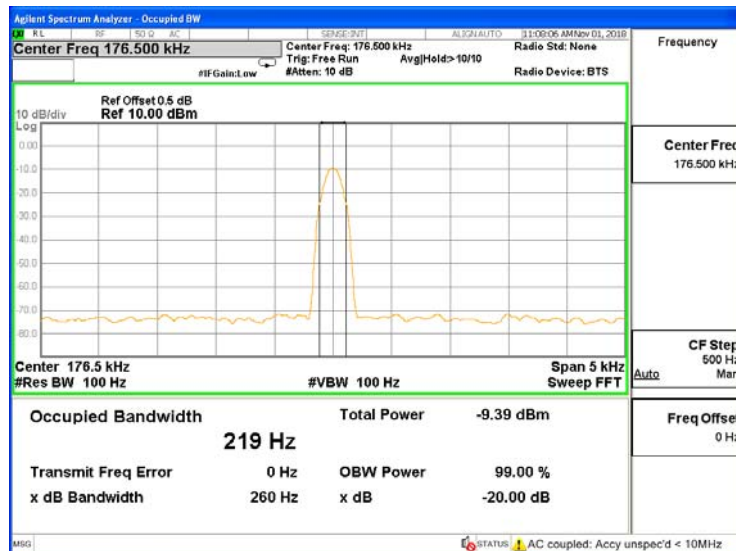
### 7.2 TEST SETUP

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

### 7.3 RESULTS

Operating Frequency (kHz)	20 dB Bandwidth (Hz)
176.5	260

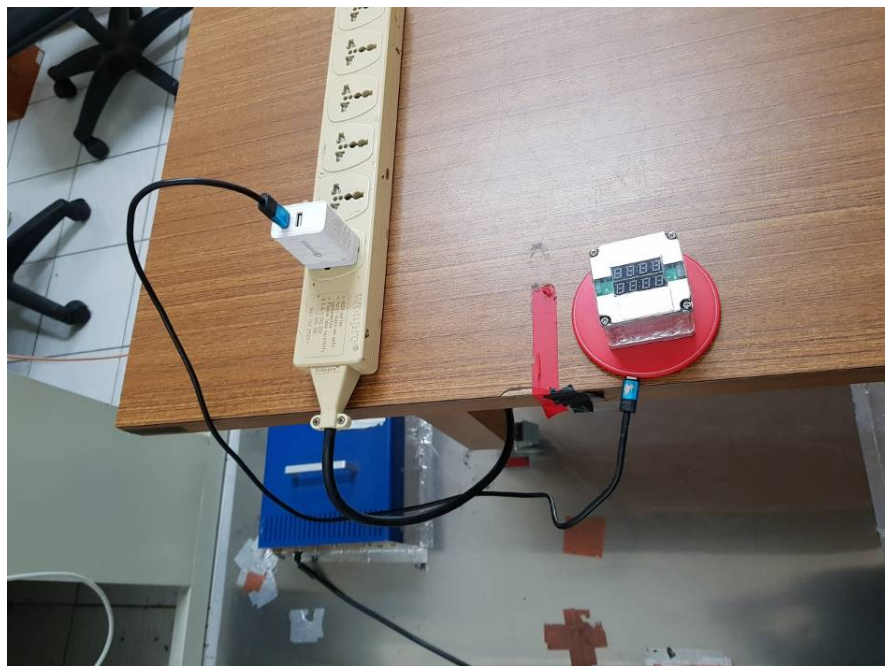




# APPENDIX 1

## PHOTOS OF TEST CONFIGURATION

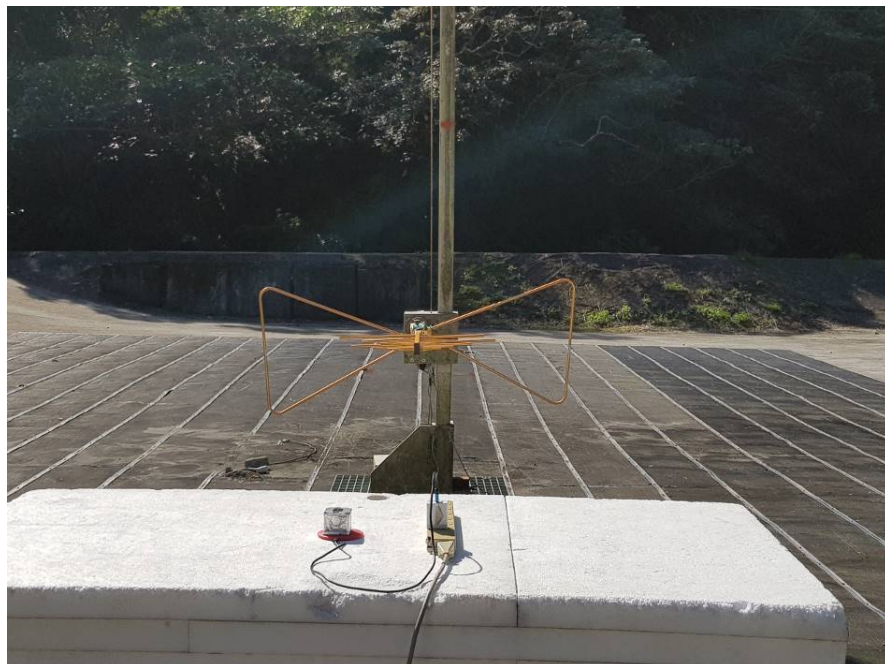
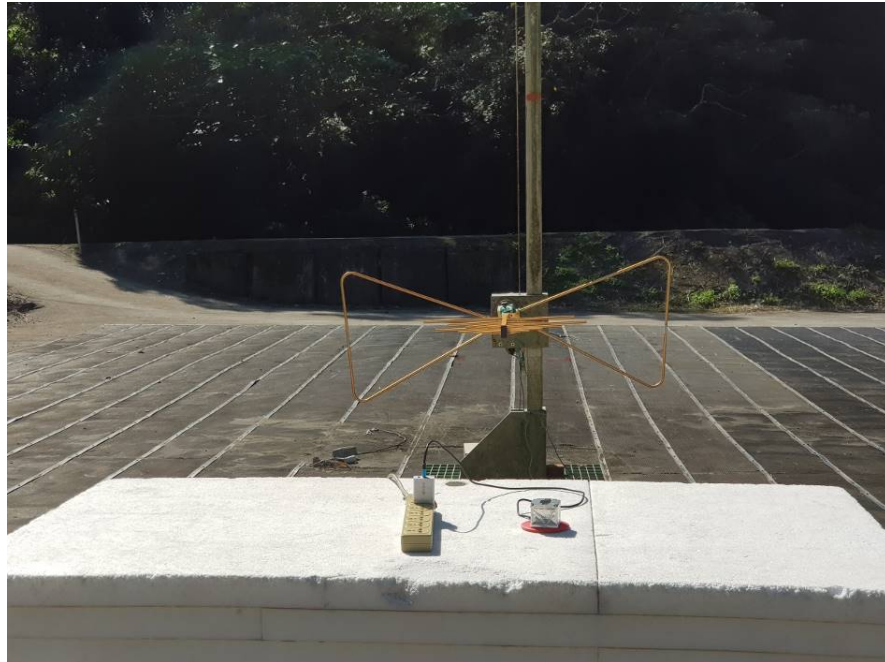
Photograph –Conducted Emission Test Setup







**Photograph – Radiated Emission Test Setup- Below 1G**







**Photograph – Radiated Emission Test Setup- Below 30MHz**





## APPENDIX 2 PHOTOS OF EUT

