FCC TEST REPORT

Report No: STS1706108F02

Issued for

Gudsen Technology Co., LTD

F6, 10th Building, Jiuxiang Ling Industrial Park, Ave Xili, Nanshan District, Shenzhen, China

Product Name:	Handheld Gimbal
Brand Name:	MOZA
Model Name:	AIR
Series Model:	AIR-360, AIRCORSS
FCC ID:	2AMJRAIR
Test Standard:	FCC Part 15.249

BZT Testing Technology Co., Ltd

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TEST RESULT CERTIFICATION

Applicant's name :	Gudsen Technology Co., LTD
Address :	F6, 10th Building, Jiuxiang Ling Industrial Park, Ave Xili, Nanshan District, Shenzhen, China
Manufacture's Name :	Gudsen Technology Co., LTD
Address :	F6, 10th Building, Jiuxiang Ling Industrial Park, Ave Xili, Nanshan District, Shenzhen, China

Product description

Product name :	Handheld Gimbal
Brand name :	MOZA
Model and/or type reference :	AIR
Standards :	FCC Part15.249
Test procedure :	ANSI C63.10-2013

This device described above has been tested by BZT, 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 Test :	
Date of performance of tests :	15 June. 2017 ~29 June. 2017
Date of Issue :	05 July. 2017
Test Result :	**Pass**

Testing Engineer : Sean She

(Sean she)

Technical Manager : Hakim. hou

(Hakim.hou)

Authorized Signatory : Vita Li

(Vita Li)

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Revision History

Rev.	Issue Date	Report NO.	Effect Page	Contents
00	05 July. 2017	STS1706108F02	ALL	Initial Issue

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part 15.249 , Subpart C			
Standard Section	Test Item	Judgment	Remark
15.207	Conducted Emission	Pass	
15.203	Antenna Requirement	Pass	
15.249	Radiated Spurious Emission	Pass	
	conduction Spurious Emission	N/A	
15.205	Radiated Band Edge Emission	Pass	
	conduction Band Edge Emission	N/A	
15.249	20dB Bandwidth	Pass	

NOTE:

(1)" N/A" denotes test is not applicable in this Test Report

(2)All tests are according to ANSI C63.10-2013

1.1 TEST FACTORY

BZT Testing Technology Co., Ltd.
Add. : Buliding 17, Xinghua Road Xingwei industrial Park Fuyong,
Baoan District, Shenzhen, Guangdong, China
FCC Registration No.: 701733

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement **y** ± **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)	±2.88dBm
2	Conducted Emission (150KHz-30MHz)	±2.67dBm
3	RF power,conducted	±0.70dBm
4	Spurious emissions,conducted	±1.19dBm
5	All emissions,radiated(<1G) 30MHz-200MHz	±2.83dBm
6	All emissions,radiated(<1G) 200MHz-1000MHz	±2.94dBm
7	All emissions,radiated(>1G)	±3.03dBm

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Handheld Gimbal
Trade Name	MOZA
Model Name	AIR
Series Model	AIR-360, AIRCORSS
Model Difference	Only different in model name
Product Description	The EUT is a Handheld Gimbal Operation Frequency: 2440MHz Modulation Type: FSK Antenna Designation: PCB Antenna Antenna Gain(Peak): -5 dBi Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.
Channel List	Please refer to the Note 2.
Battery	Battery(rating): Rated Voltage: 3.7V Charge Limit: 4.2V Capacity :2000mAh
Hardware version number	v1.0
Software version number	v1.0
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. Table for Filed Antenna

Ant	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	NOTE
1	MOZA	AIR	PCB	NA	-5	Antenna

The EUT antenna is PCB Antenna. No antenna other than that furnished by the responsible party shall be used with the device.

2.2 DESCRIPTION OF TEST MODES

For conducted test items and radiated spurious emissions
Each of these EUT operation mode(s) or test configuration mode(s) mentioned below was evaluated respectively..

Pretest Mode	Description	Data/Modulation
Mode 1	TX CH01	1 MHz/FSK

Note:

(1) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported

(2) We have be tested for all avaiable U.S. voltage and frequencies(For 120V 60Hz) for which the device is capable of operation.

(3) The EUT was programmed to be in continuously transmitting with a modulated carrier at maximum power on bottom/middle/top channels as required using the supported data rates/modulation types and the transmit duty cycle is not less than 98%.

(4) Controlled using a bespoke application on the laptop PC supplied by the customer. The application was used to enable a continuous transmission mode and to select the test channels, data rates and modulation schemes as required.

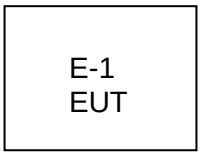
For AC Conducted Emission

Test Case	
AC Conducted Emission	Mode 2 : Keeping TX

2.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

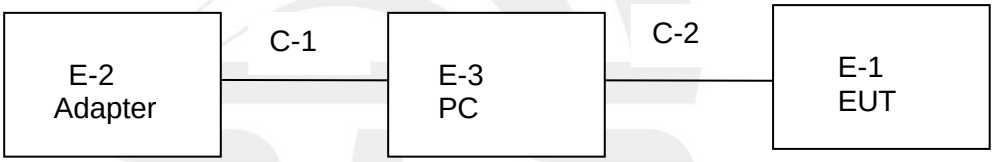
During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final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

Radiated Spurious Emission Test



NOTE: New battery is used during all test

Conducted 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-1	Handheld Gimbal	MOZA	AIR	N/A	EUT
E-2	Adapter	N/A	PA-1650-86	N/A	N/A
E-3	PC	HP	500-320cx	N/A	N/A

Item	Shielded Type	Ferrite Core	Length	Note
C-1	Cable shielded line (Charging)	NO	100cm	N/A
C-2	USB Connecting line	NO	110cm	N/A

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.

2.5 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Spectrum Analyzer	Agilent	E4407B	MY50140340	2016.10.23	2017.10.22
Test Receiver	R&S	ESCI	101427	2016.10.23	2017.10.22
Bilog Antenna	TESEQ	CBL6111D	34678	2014.11.24	2017.11.23
Horn Antenna	Schwarzbeck	BBHA 9120D(1201)	9120D-1343	2015.03.05	2018.03.04
Loop Antenna	EMCO	6502	9003-2485	2016.03.06	2019.03.05
50Ω Coaxial Switch	Anritsu	MP59B	6200264416	2016.10.23	2017.10.22
PreAmplifier	Agilent	8449B	60538	2016.10.23	2017.10.22
USB RF power sensor	DARE	RPR3006W	15I00041SNO03	2016.10.23	2017.10.22
Semi-anechoic chamber	Changling	966	N/A	2016.10.23	2017.10.22

Conduction Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
EMI Test Receiver	R&S	ESPI	102086	2016.10.23	2017.10.22
LISN	R&S	ENV216	101242	2016.10.23	2017.10.22
LISN	EMCO	3810/2NM	000-23625	2016.10.23	2017.10.22
Shielding Room	Changling	854	N/A	2016.10.23	2017.10.22

3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION LIMITS

Operating frequency band. In case the emission fall within the restricted band specified on Part 15.249 limit in the table below has to be followed.

FREQUENCY (MHz)	Class B (dBuV)		Standard
	Quasi-peak	Average	
0.15 -0.5	66 - 56 *	56 - 46 *	CISPR
0.50 -5.0	56.00	46.00	CISPR
5.0 -30.0	60.00	50.00	CISPR

0.15 -0.5	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	56.00	46.00	FCC
5.0 -30.0	60.00	50.00	FCC

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.

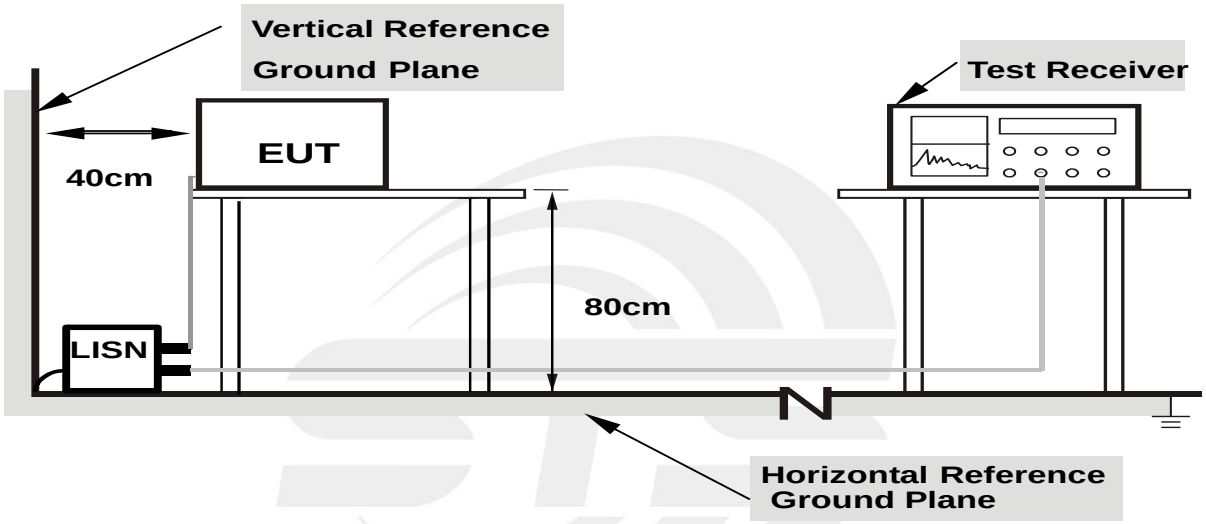
The following table is the setting of the receiver

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

3.1.2 TEST PROCEDURE

a. The EUT was 0.8 meters from the horizontal ground plane and 0.4 meters from the vertical 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.

3.1.3 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

3.1.4 EUT OPERATING CONDITIONS

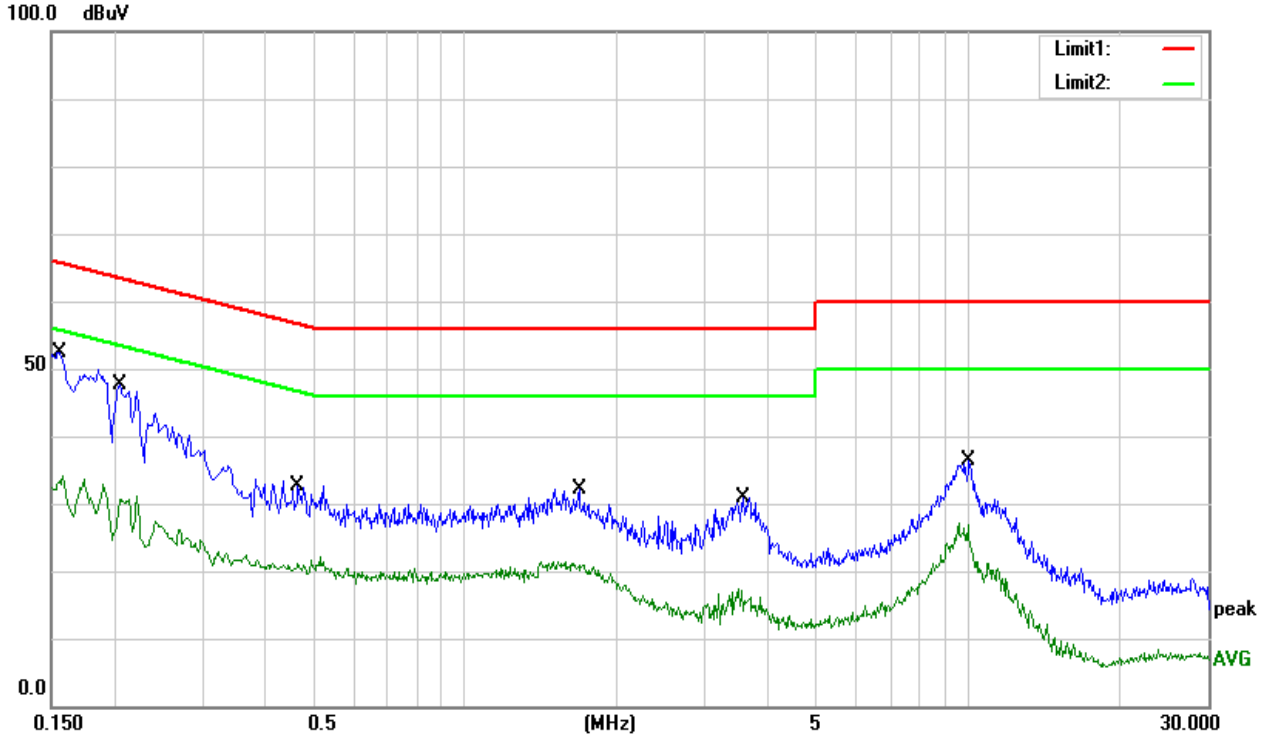
The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

3.1.5 TEST RESULTS

Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	1010hPa	Phase:	L
Test Voltage:	AC 120V/60Hz	Test Mode:	Model 2

Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
0.1556	43.26	9.23	52.49	65.70	-13.21	QP
0.1556	24.79	9.23	34.02	55.70	-21.68	AVG
0.2060	38.39	9.22	47.61	63.37	-15.76	QP
0.2060	21.18	9.22	30.40	53.37	-22.97	AVG
0.4660	23.44	9.24	32.68	56.58	-23.90	QP
0.4660	11.67	9.24	20.91	46.58	-25.67	AVG
1.6820	22.88	9.22	32.10	56.00	-23.90	QP
1.6820	10.80	9.22	20.02	46.00	-25.98	AVG
3.5740	21.67	9.26	30.93	56.00	-25.07	QP
3.5740	5.66	9.26	14.92	46.00	-31.08	AVG
10.0300	26.82	9.50	36.32	60.00	-23.68	QP
10.0300	13.66	9.50	23.16	50.00	-26.84	AVG

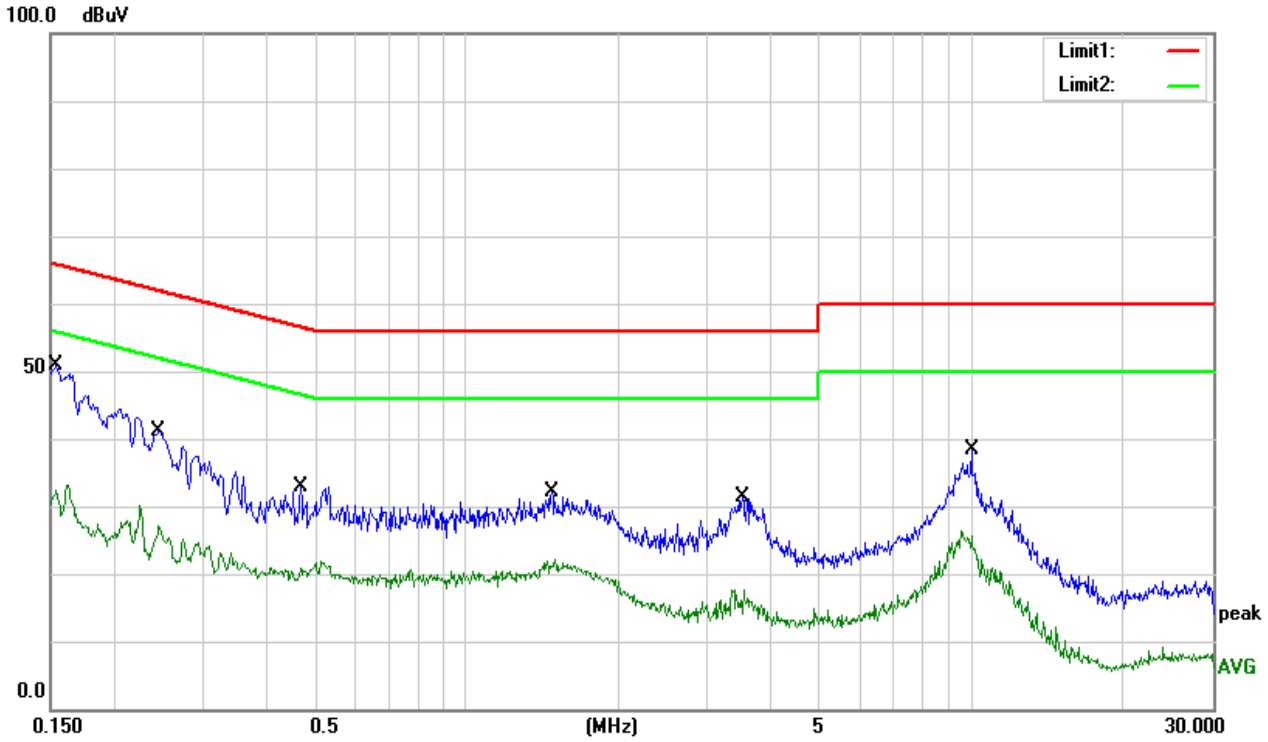
Remark:
1. All readings are Quasi-Peak and Average values.
2. Margin = Result (Result =Reading + Factor)–Limit



Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	1010hPa	Phase:	N
Test Voltage:	AC 120V/60Hz	Test Mode:	Model 2

Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
0.1540	41.74	9.23	50.97	65.78	-14.81	QP
0.1540	22.36	9.23	31.59	55.78	-24.19	AVG
0.2460	31.99	9.18	41.17	61.89	-20.72	QP
0.2460	18.01	9.18	27.19	51.89	-24.70	AVG
0.4700	23.73	9.23	32.96	56.51	-23.55	QP
0.4700	10.99	9.23	20.22	46.51	-26.29	AVG
1.4780	22.85	9.20	32.05	56.00	-23.95	QP
1.4780	12.52	9.20	21.72	46.00	-24.28	AVG
3.5260	22.19	9.26	31.45	56.00	-24.55	QP
3.5260	6.58	9.26	15.84	46.00	-30.16	AVG
10.0180	28.82	9.50	38.32	60.00	-21.68	QP
10.0180	10.04	9.50	19.54	50.00	-30.46	AVG

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



3.2 RADIATED EMISSION MEASUREMENT

3.2.1 RADIATED EMISSION LIMITS

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on Part 15.249 and the Part 15.209(a) limit in the table below has to be followed.

Standard FCC 15.209

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3
Above 1000	Other:74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	3

Standard FCC 15.249

Frequency of Emission (MHz)	**Field Strength of fundamental (millivolts /meter)**	**Field Strength of Harmonics (microvolts/meter)**
900~928	50	500
2400~2483.5	50	500
5725~5875	50	500
24000~242500	250	2500

Notes:

(1) Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

Spectrum Parameter	Setting
Detector	Peak/AV
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB (emission in restricted band)	>20BW
VB (emission in restricted band)	=3xRB

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

3.2.2 TEST PROCEDURE

a. The measuring distance of 3m shall be used for measurements. The EUT was placed on the top of arotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation(Below 1GHz)

b. The measuring distance of 3m shall used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation(Above 1GHz)

c. The height of the test antenna shall vary between 1m to 4m.Both horizontal and vertical polarization Of the antenna are set to make the measurement.

d. The initial step in collecting radiated emission data is a receive peak detector mode. Pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.

e. All readings are peak unless otherwise stated QP in column of Note. Peak denoted that the Peak reading compliance with the QP limits and then QP Mode measurement didn't perform (Below 1GHz)

f. All readings are Peak mode value unless otherwise stated AVG in column of Note. If the Peak mode measured value compliance with the Peak limits and lower than AVG Limits, the EUT shall be deemed to meet Peak & AVG limits and then only Peak mode was measured, but AVG mode didn't perform.(Above 1GHz)

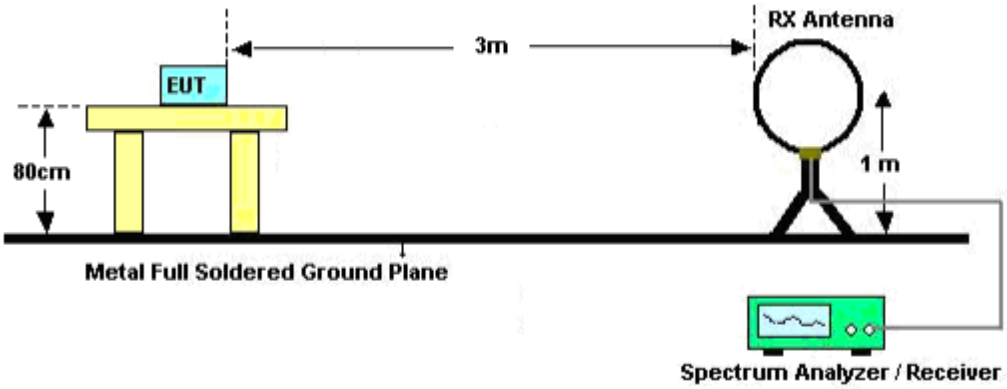
g. For the actual test configuration, please refer to the related Item –EUT Test Photos.
Note: Both horizontal and vertical antenna polarities were tested
and performed pretest to three orthogonal axis. The worst case emissions were reported

3.2.3 DEVIATION FROM TEST STANDARD

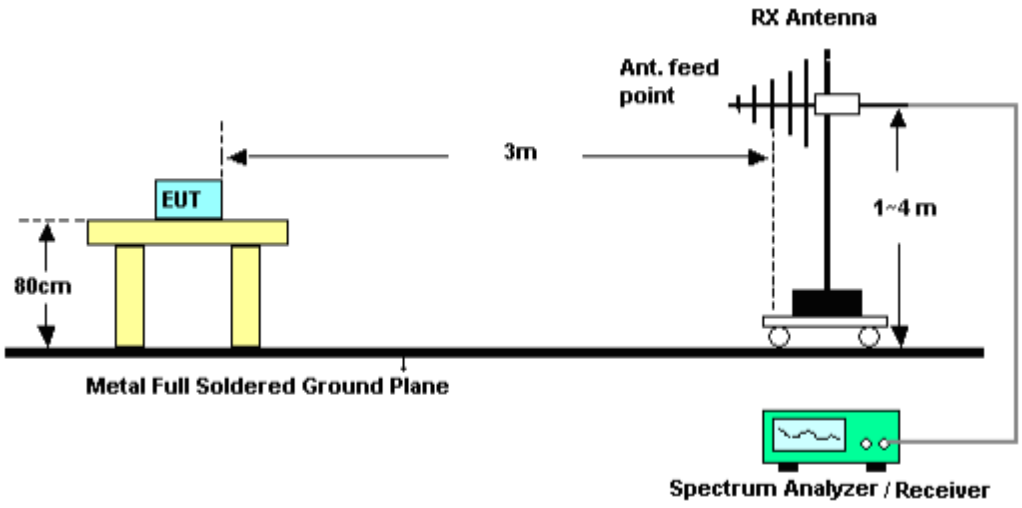
No deviation

3.2.4 TEST SETUP

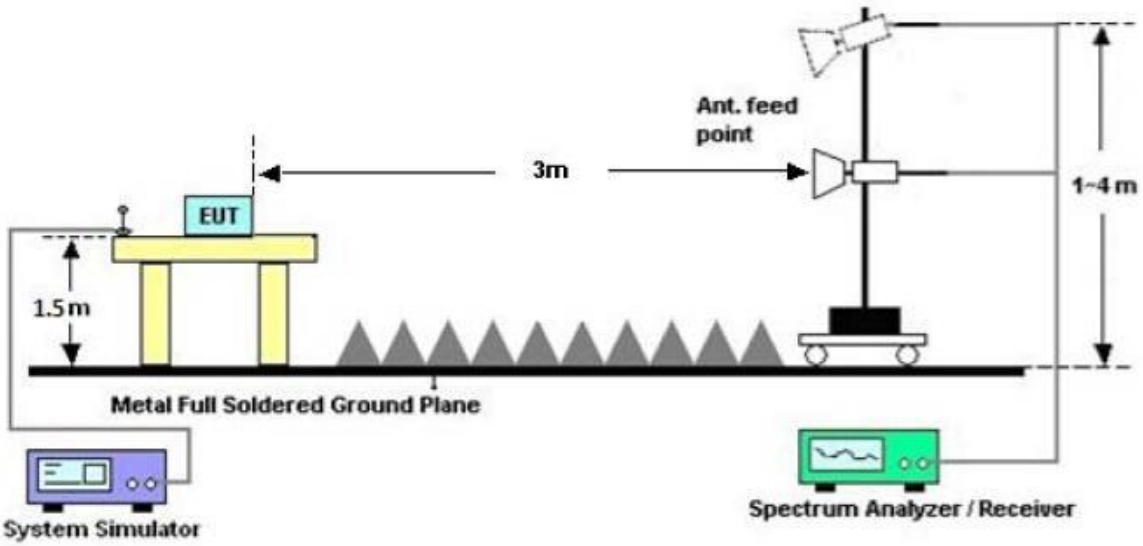
（A）Radiated Emission Test-Up Frequency Below 30MHz



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



（C）Radiated Emission Test-Up Frequency Above 1GHz



3.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

Below 30 MHz

Temperature:	26 ℃	Relative Humidity:	60%
Pressure:	1010 hPa	Polarization:	---
Test Voltage:	DC 3.7V		
Test Mode:	TX Mode		

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	PASS
--	--	--	--	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 (specific distance/test distance)(dB);

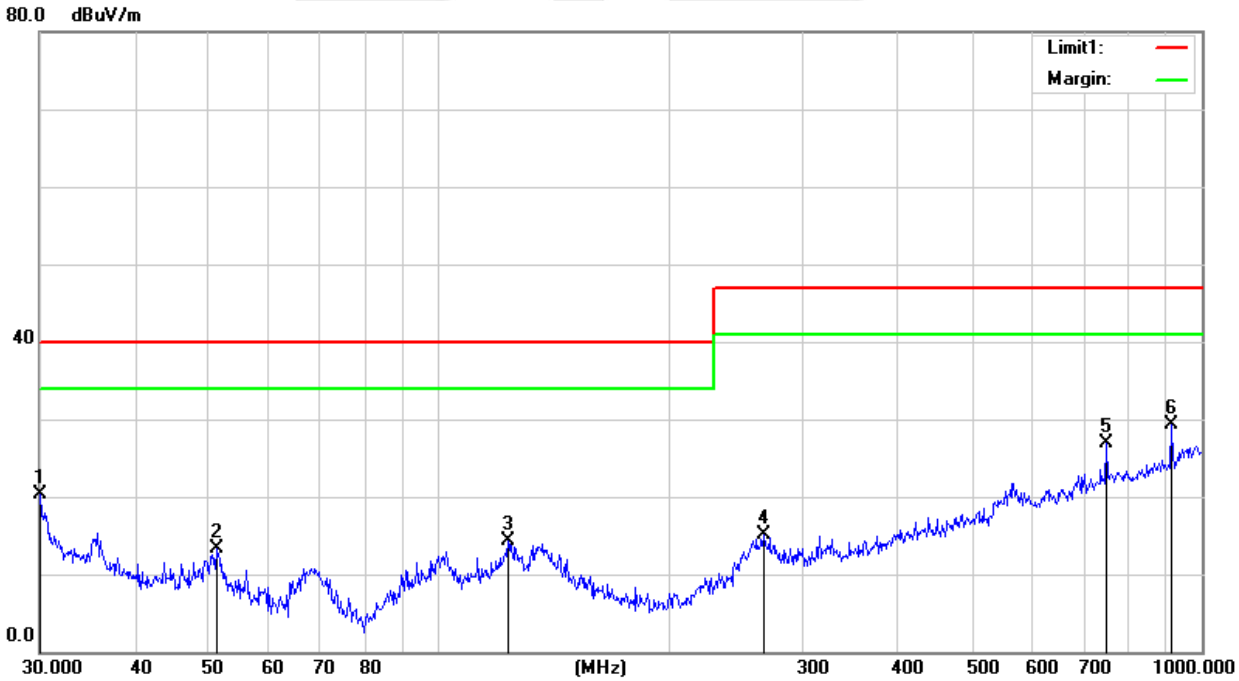
Limit line = specific limits(dBuv) + distance extrapolation factor.

Between 30MHz – 1000 MHz Radiation Spurious

Temperature:	26 ℃	Relative Humidity:	60%
Pressure:	1010hPa	Phase:	Horizontal
Test Voltage:	DC 3.7V	Test Mode:	Mode 1

Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
30.1054	31.49	-11.24	20.25	40.00	-19.75	QP
51.3005	35.22	-21.85	13.37	40.00	-26.63	QP
123.2655	31.96	-17.65	14.31	40.00	-25.69	QP
266.6090	30.48	-15.33	15.15	47.00	-31.85	QP
750.1082	30.48	-3.56	26.92	47.00	-20.08	QP
912.8620	31.11	-1.82	29.29	47.00	-17.71	QP

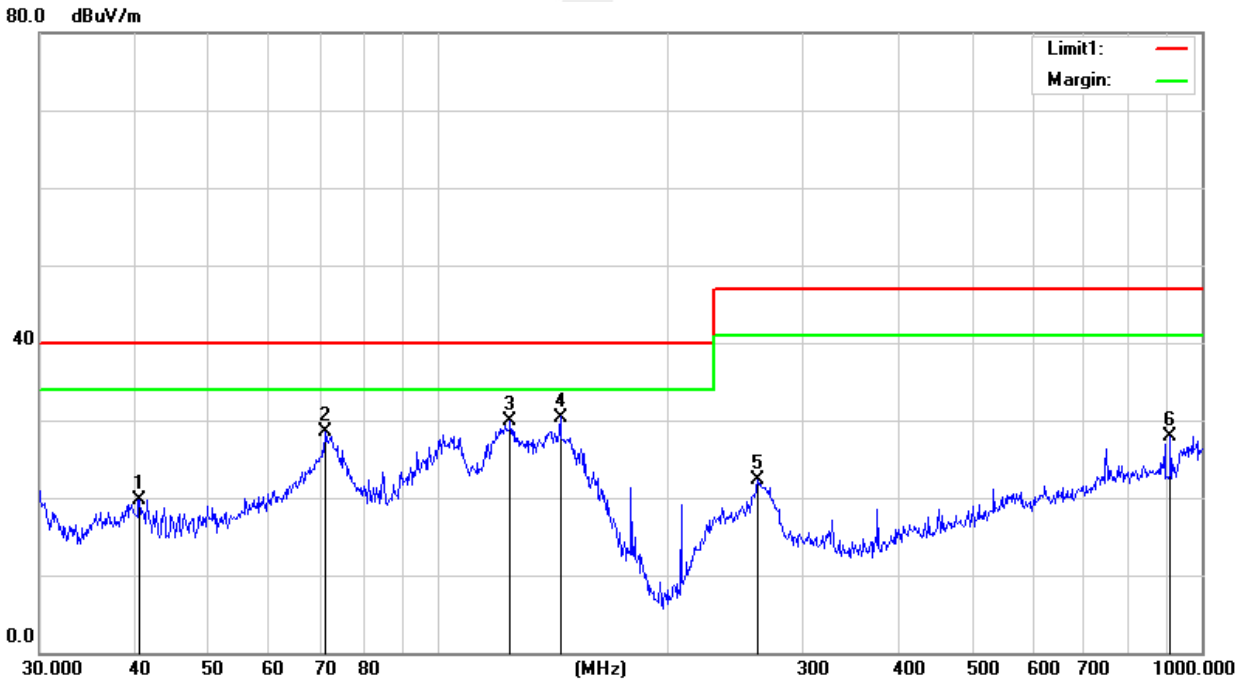
Remark:
1. All readings are Quasi-Peak .
2. Margin = Result (Result =Reading + Factor)–Limit



Temperature:	26 ℃	Relative Humidity:	60%
Pressure:	1010hPa	Phase:	Vertical
Test Voltage:	DC 3.7V	Test Mode:	Mode 1

Frequency	Reading	Correct	Result	Limit	Margin	Remark
(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
40.5591	36.39	-16.62	19.77	40.00	-20.23	QP
71.0803	52.39	-23.94	28.45	40.00	-11.55	QP
124.1330	47.55	-17.64	29.91	40.00	-10.09	QP
144.3348	48.12	-17.72	30.40	40.00	-9.60	QP
261.9753	37.49	-15.14	22.35	47.00	-24.65	QP
909.6666	29.84	-1.93	27.91	47.00	-19.09	QP

Remark:
1. All readings are Quasi-Peak.
2. Margin = Result (Result =Reading + Factor)–Limit



Fundamental frequency:

PK

Frequency (MHz)	Reading (dBμV/m)	Amplifier	Loss	Antenna Factor	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarization
	PEAK	（dB）	（dB）	（dB/m）		PEAK	PEAK	PEAK	
2440	87.172	44.40	6.04	27.63	-10.73	76.45	114	-37.55	Vertical
2440	85.258	44.40	6.04	27.63	-10.73	74.53	114	-39.47	Horizontal

AV

Frequency (MHz)	Reading (dBμV/m)	Amplifier	Loss	Antenna Factor	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin(dB)	Polarization
	AV	（dB）	（dB）	（dB/m）		AV	AV	AV	
2440	67.862	44.40	6.04	27.63	-10.73	57.14	94	-36.86	Vertical
2440	65.183	44.40	6.04	27.63	-10.73	54.46	94	-39.54	Horizontal

Note: RBW>20DB BW; VBW=3xRBW BW

Above 1G Radiation Spurious

Frequency (MHz)	Reading (dBμV)	Amplifier （dB）	Loss （dB）	Antenna Factor （dB/m）	Corrected Factor （dB）	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type	Comment
2440 MHz										
3264.65	48.44	44.70	6.70	28.20	-9.80	38.64	74.00	-35.36	PK	Vertical
3264.65	38.51	44.70	6.70	28.20	-9.80	28.71	54.00	-25.29	AV	Vertical
3264.57	47.79	44.70	6.70	28.20	-9.80	37.99	74.00	-36.01	PK	Horizontal
3264.57	38.12	44.70	6.70	28.20	-9.80	28.32	54.00	-25.68	AV	Horizontal
4880.51	59.32	44.20	9.04	31.60	-3.56	55.76	74.00	-18.24	PK	Vertical
4880.51	38.58	44.20	9.04	31.60	-3.56	35.02	54.00	-18.98	AV	Vertical
4880.35	59.00	44.20	9.04	31.60	-3.56	55.44	74.00	-18.56	PK	Horizontal
4880.35	38.22	44.20	9.04	31.60	-3.56	34.66	54.00	-19.34	AV	Horizontal
5359.60	45.74	44.20	9.86	32.00	-2.34	43.40	74.00	-30.60	PK	Vertical
5359.60	37.04	44.20	9.86	32.00	-2.34	34.70	54.00	-19.30	AV	Vertical
5359.82	45.41	44.20	9.86	32.00	-2.34	43.07	74.00	-30.93	PK	Horizontal
5359.82	37.54	44.20	9.86	32.00	-2.34	35.20	54.00	-18.80	AV	Horizontal
7320.80	50.95	43.50	11.40	35.50	3.40	54.35	74.00	-19.65	PK	Vertical
7320.80	33.31	43.50	11.40	35.50	3.40	36.71	54.00	-17.29	AV	Vertical
7320.68	51.53	43.50	11.40	35.50	3.40	54.93	74.00	-19.07	PK	Horizontal
7320.68	33.37	43.50	11.40	35.50	3.40	36.77	54.00	-17.23	AV	Horizontal
9759.91	41.11	43.60	14.30	39.50	10.20	51.31	74.00	-22.69	PK	Vertical
9759.91	30.09	43.60	14.30	39.50	10.20	40.29	54.00	-13.71	AV	Vertical
9760.04	40.56	43.60	14.30	39.50	10.20	50.76	74.00	-23.24	PK	Horizontal
9760.04	29.78	43.60	14.30	39.50	10.20	39.98	54.00	-14.02	AV	Horizontal
13299.28	40.21	42.60	15.90	38.90	12.20	52.41	74.00	-21.59	PK	Vertical
13299.28	28.54	42.60	15.90	38.90	12.20	40.74	54.00	-13.26	AV	Vertical
13299.46	40.86	42.60	15.90	38.90	12.20	53.06	74.00	-20.94	Pk	Horizontal
13299.46	29.73	42.60	15.90	38.90	12.20	41.93	54.00	-12.07	AV	Horizontal
15999.72	39.81	42.70	18.00	37.10	12.40	52.21	74.00	-21.79	PK	Vertical
15999.72	28.64	42.70	18.00	37.10	12.40	41.04	54.00	-12.96	AV	Vertical
15999.63	40.42	42.70	18.00	37.10	12.40	52.82	74.00	-21.18	PK	Horizontal
15999.63	30.12	42.70	18.00	37.10	12.40	42.52	54.00	-11.48	AV	Horizontal
17997.68	30.35	42.70	19.40	46.50	23.20	53.55	74.00	-20.45	PK	Vertical
17997.68	18.84	42.70	19.40	46.50	23.20	42.04	54.00	-11.96	AV	Vertical
17997.58	30.94	42.70	19.40	46.50	23.20	54.14	74.00	-19.86	PK	Horizontal
17997.58	18.39	42.70	19.40	46.50	23.20	41.59	54.00	-12.41	AV	Horizontal

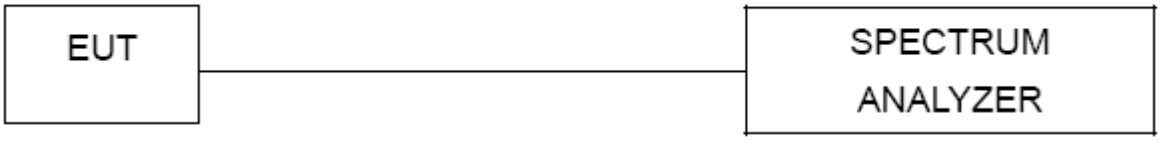
4. BANDWIDTH TEST

4.1 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b. Spectrum Setting : RBW= 30KHz, VBW≧RBW, Sweep time = Auto.

4.2 TEST SETUP



4.3 EUT OPERATION CONDITIONS

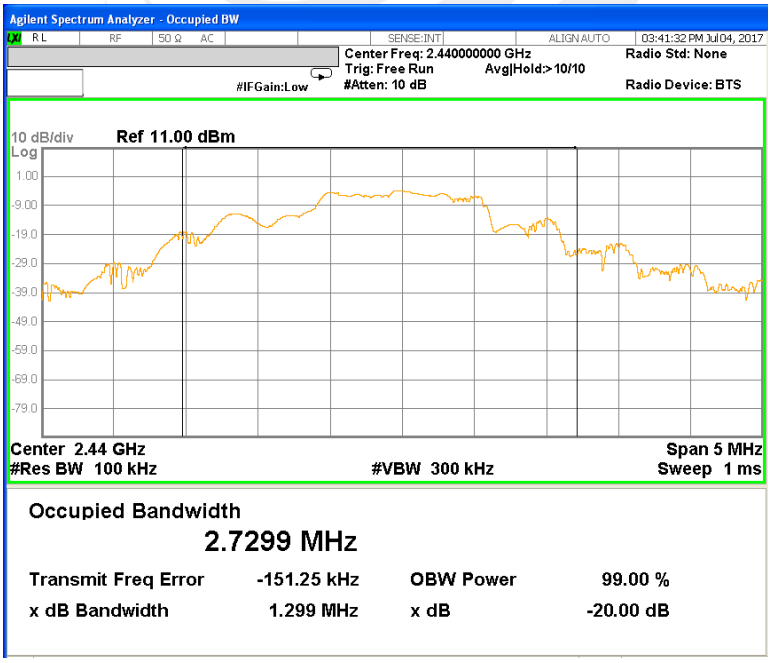
TX mode.

4.4 TEST RESULTS

Temperature:	25 ℃	Relative Humidity:	50%
Pressure:	1012 hPa	Test Voltage:	DC 3.7V

Test Channel	Frequency (MHz)	20dB Bandwidth (MHz)	99% Bandwidth (MHz)
CH01	2440	1.299	2.7299

Test Channel:2440MHz



5. ANTENNA REQUIREMENT

5.1 STANDARD REQUIREMENT

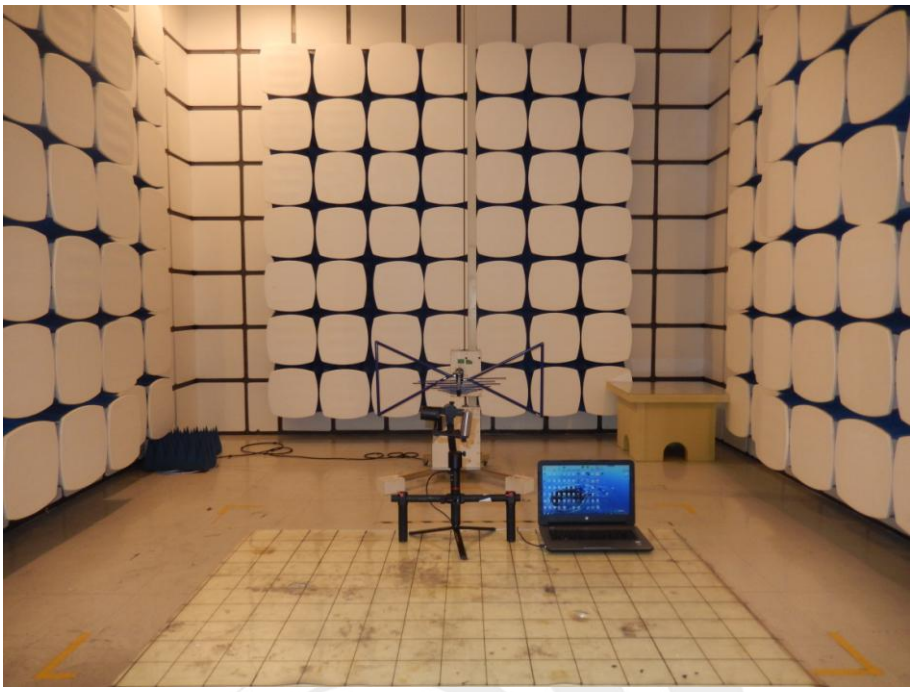
According to the FCC Part 15 Paragraph 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

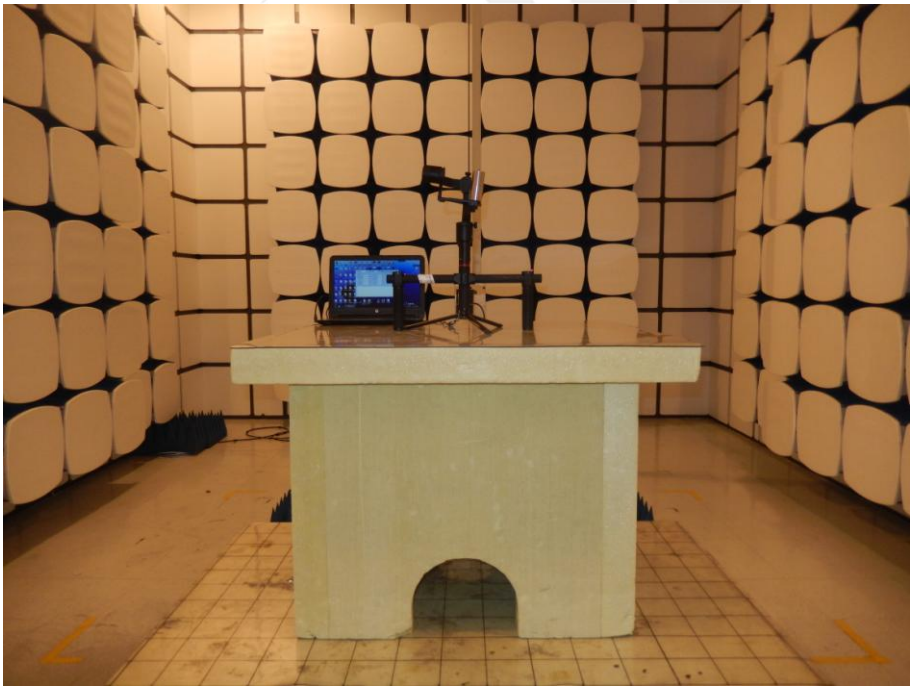
5.2 EUT ANTENNA

The EUT antenna is PCB Antenna.It conforms to the standard requirements.

APPENDIX- PHOTOS OF TEST SETUP

Radiated Measurement Photos





※※※※※END OF THE REPORT※※※※※