FCC TEST REPORT

Report No:STS1801064W01

Issued for

Inventec Appliances Corp.

37 Wugong 5th road, New Taipei Industrial Park, Wugu District, New Taipei City, Taiwan

Product Name:	Notebook
Brand Name:	NuVision
Model Name:	NEBP12
Series Model:	NEBP12-C464SSA, NEBP12-C464SBA, NEBP12-C464SGA, NEBP12-C464SBLA, NEBP12-C464SGNA, NEBP12-C464SPA
FCC ID:	POT-NEBP12
Test Standard:	FCC Part 15.407

Shenzhen STS Test Services Co., Ltd.
1/F., Building B, Zhuoke Science Park, No.190, Chongqing Road,
Fuyong Street, Bao'an District, Shenzhen, Guangdong, China
TEL: +86-755 3688 6288 FAX: +86-755 3688 6277 E-mail:sts@stsapp.com

TEST RESULT CERTIFICATION

Applicant's name	:	Inventec Appliances Corp.
Address	:	37 Wugong 5th road, New Taipei Industrial Park, Wugu District, New Taipei City, Taiwan
Manufacture's Name	:	Inventec Appliances(Pudong) Corporation
Address	:	No.789 Pu Xing Road, Shanghai, PRC

Product description

Product Name	:	Notebook
Brand Name	:	NuVision
Model Name	:	NEBP12
Series Model	:	NEBP12-C464SSA, NEBP12-C464SBA, NEBP12-C464SGA, NEBP12-C464SBLA, NEBP12-C464SGNA, NEBP12-C464SPA
Test Standards	:	FCC Part15.407
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&IC requirements. And it is applicable only to the tested sample identified in the report.

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Date of Test	:	
Date (s) of performance of tests	:	08 Jan. 2018~10 Jan. 2018
Date of Issue	:	11 Jan. 2018
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	11 Jan. 2018	STS1801064W01	ALL	Initial Issue

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:
§ 15.407,KDB 789033 D02 General U-NII Test Procedures New Rules v01r03

FCC Part 15.407		
FCC standard	Test Item	Results
15.207	AC Conducted Emission	PASS
§ 15.407 (2) (26 dB) / § 15.407 (e) (6 dB)/ § 15.407 (a) (99%)	26dB/6dB &99% Bandwidth	PASS
15.407(a) (1).(2).(3).(4).(5)	Maximum Conducted Output Power	PASS
15.407(b)	Peak Excursion Ratio	PASS
15.407(b)& 15.209	Radiated Emission And (bandedge Emissions) Measurement	PASS
15.407(b)7	Conducted Emission And (bandedge Emissions) Measurement	PASS
15.407(a) (1).(2).(3).(4).(5)	Power Spectral Density	PASS
15.407(c)	Automatically Discontinue Transmission	PASS
15.203/15.204	Antenna Requirement	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

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 ± 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)	±2.67dB
3	RF power,conducted	±0.71dB
4	Spurious emissions,conducted	±0.63dB
5	All emissions,radiated(<1G) 30MHz-200MHz	±3.80dB
6	All emissions,radiated(<1G) 200MHz-1000MHz	±3.97dB
7	All emissions,radiated(>1G)	±3.03dB

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

<table>
<tr><td>Product Name</td><td colspan="2">Notebook</td></tr>
<tr><td>Trade Name</td><td colspan="2">NuVision</td></tr>
<tr><td>Model Name</td><td colspan="2">NEBP12</td></tr>
<tr><td>Series Model</td><td colspan="2">NEBP12-C464SSA, NEBP12-C464SBA, NEBP12-C464SGA,
NEBP12-C464SBLA, NEBP12-C464SGNA, NEBP12-C464SPA</td></tr>
<tr><td>Model Difference</td><td colspan="2">Only different in model name and appearance.</td></tr>
<tr><td rowspan="6">Product Description</td><td colspan="2">The EUT is a Notebook</td></tr>
<tr><td rowspan="2">Operation Frequency:</td><td>IEEE 802.11a/ n/ac(HT20) 5.180GHz-5.240GHz
IEEE 802.11n/ac(HT40) 5.190GHz-5.230GHz
IEEE 802.11ac(HT80) 5.210GHz</td></tr>
<tr><td>IEEE 802.11a/ n/ac(HT20)5.745GHz-5.825GHz
IEEE 802.11a/ n/ac(HT40)5.755GHz-5.795GHz
IEEE 802.11ac(HT80) 5.775GHz</td></tr>
<tr><td>Modulation Type:</td><td>IEEE for 802.11a/n/ac: OFDM(BPSK/QPSK/ 16QAM)</td></tr>
<tr><td>Antenna Designation:</td><td>See Note 3</td></tr>
<tr><td>Max.Output Power(Conducted):</td><td>13.96dBm</td></tr>
<tr><td colspan="2">More details of EUT technical specification, please refer to the User's Manual.</td></tr>
<tr><td>Test Channel</td><td colspan="2">Please refer to the Note 2.</td></tr>
<tr><td>Adapter</td><td colspan="2">Input: AC 100-240V, 600mA, 50/60 Hz
Output: DC 12V, 3000mA</td></tr>
<tr><td>Battery</td><td colspan="2">Rated Voltage: 7.6V
Capacity: 4200mAh</td></tr>
<tr><td>Hardware version number</td><td colspan="2">APL05_V5.0</td></tr>
<tr><td>Software version number</td><td colspan="2">Win 10 1709</td></tr>
<tr><td>Connecting I/O Port(s)</td><td colspan="2">Please refer to the User's Manual</td></tr>
</table>

Note:For a more detailed features description, please refer to the manufacturer’s specifications or the User's Manual.

1.

5.180GHz-5.240GHz		5.745GHz-5.825GHz	
Channel	Frequency	Channel	Frequency
36	5180	149	5745
38	5190	151	5755
40	5200	153	5765
42	5210	157	5785
44	5220	159	5795
46	5230	161	5805
48	5240	165	5825

Note:
In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:
Carrier Frequency Channel

5GHz:

For 802.11a/n/ac (HT20)			
Channel	Freq.(MHz)	Channel	Freq.(MHz)
36	5180	149	5745
40	5200	157	5785
48	5240	165	5825

For 802.11n/ac (HT40)			
Channel	Freq.(MHz)	Channel	Freq.(MHz)
38	5190	151	5755
46	5230	159	5795

For 802.11ac (HT80)			
Channel	Freq.(MHz)	Channel	Freq.(MHz)
42	5210	155	5775

2. KDB 662911 D01 Multiple Transmitter Output v02r01

2) Directional Gain Calculations for In-Band Measurements

a) Basic methodology with NANT transmit antennas, each with the same directional gain GA NT dBi, being driven by NANT transmitter outputs of equal power. Directional gain is to be co mputed as follows:

(i) If any transmit signals are correlated with each other,

Directional gain = GANT + 10 log(NANT) dBi

(ii) If all transmit signals are completely uncorrelated with each other,

Directional gain = GANT

ANT A=2.0 dBi

ANT B=2.0dBi

GANT + 10 log(NANT) dBi

Directional gain= 2.0+10log2=5.01dBi

Ant	Brand	Model Name	Ant Type	Connector	Gain (dBi)	NOTE
A	NuVision	NEBP12	PIFA Ant	N/A	2.0dBi	WLAN Ant

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.

Worst Mode	Description	Data Rate
Mode 1	TX IEEE 802.11a HT20 CH36&CH40&CH48	6 Mbps
Mode 2	TX IEEE 802.11a HT20 CH149&CH157&CH165	6 Mbps
Mode 3	TX IEEE 802.11n HT20 CH36&CH40&CH48	MCS 0
Mode 4	TX IEEE 802.11ac HT20 CH36&CH40&CH48	NSS1 MCS0
Mode 5	TX IEEE 802.11n HT20 CH149&CH157&CH165	MCS 0
Mode 6	TX IEEE 802.11n HT20 CH149&CH157&CH165	NSS1 MCS0
Mode 7	TX IEEE 802.11n HT40 CH38&CH46	MCS 0
Mode 8	TX IEEE 802.11ac HT40 CH38&CH46	NSS1 MCS0
Mode 9	TX IEEE 802.11n HT40 CH151&CH159	MCS 0
Mode 10	TX IEEE 802.11ac HT40 CH151&CH159	NSS1 MCS0
Mode 11	TX IEEE 802.11ac HT80 CH42	NSS1 MCS0
Mode 12	TX IEEE 802.11ac HT80 CH155	NSS1 MCS0

Note: (1) The measurements are performed at the highest, middle, lowest available channels.

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

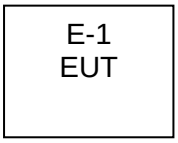
(3) We have be tested for all avaiable U.S. voltage and frequencies(For 120V,50/60Hz and 240V, 50/60Hz) for which the device is capable of operation.

AC Conducted Emission

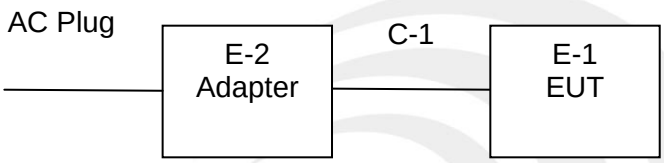
Test Case	
AC Conducted Emission	Mode 13: Keeping TX + WLAN Link

2.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Radiated Spurious EmissionTest



Conducted Emission Test



2.4 DESCRIPTION OF SUPPORT UNITS(CONDUCTED MODE)

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

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
E-2	Adapter	N/A	B036-120	N/A	N/A

Item	Shielded Type	Ferrite Core	Length	Note
C-1	AC (PC Cable) (FTP)	NO	100cm	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.
(3) “YES” is means “shielded” “with core”; “NO” is means “unshielded” “without core”.

2.5 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
EMI Test Receiver	R&S	ESW	101535	2017.06.01	2018.05.31
Bilog Antenna	TESEQ	CBL6111D	34678	2017.03.24	2018.03.23
Horn Antenna	Schwarzbeck	BBHA 9120D	9120D-1343	2017.03.06	2018.03.05
Horn Antenna	Schwarzbeck	BBHA 9170	9170-0741	2016.03.06	2019.03.03
PreAmplifier	Agilent	8449B	60538	2017.10.15	2018.10.14
Operational Manual Passive Loop (9K--30MHz)	ETS	6512	00165355	2017.03.06	2018.03.05
Low frequency cable	EM	R01	N/A	NCR	NCR
High frequency cable	SCHWARZBECK	AK9515H	SN-96286/96287	NCR	NCR

Conduction Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
EMI Test Receiver	R&S	ESPI	102086	2017.10.15	2018.10.14
LISN	R&S	ENV216	101242	2017.10.15	2018.10.14
Conduction Cable	EM	C01	N/A	2017.03.12	2018.03.11

RF Connected Test

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
USB RF power sensor	DARE	RPR3006W	15I00041SNO03	2017.10.15	2018.10.14
Spectrum Analyzer	Agilent	E4407B	MY50140340	2017.03.11	2018.03.10
Signal Analyzer	Agilent	N9020A	MY49100060	2017.03.11	2018.03.10

3. EMC EMISSION TEST

3.1CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION Limits (Frequency Range 150KHz-30MHz)

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

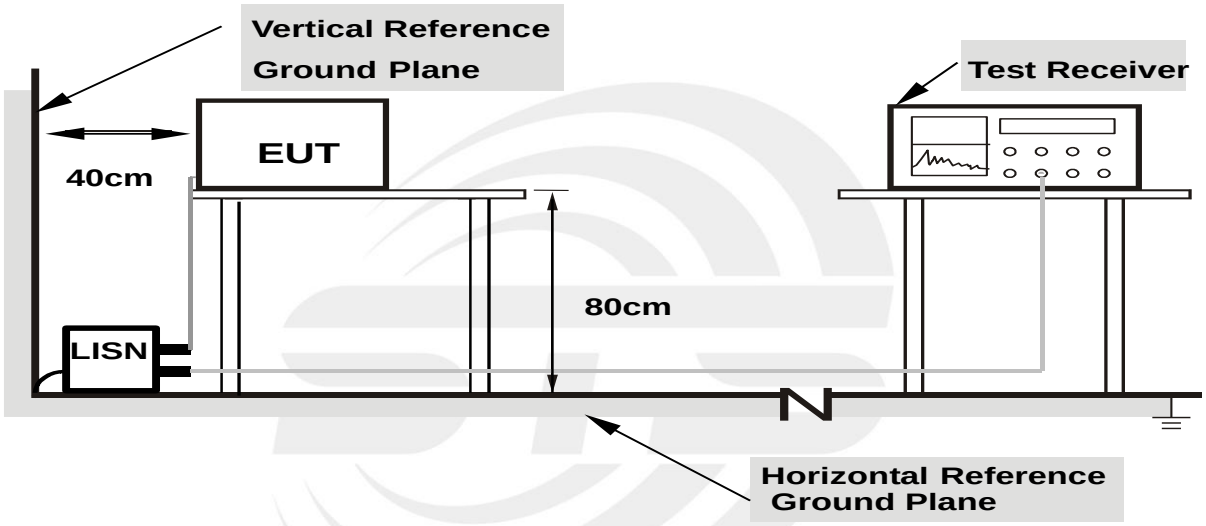
3.1.2 TEST PROCEDURE

a. The EUT was 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.

3.1.3 DEVIATION FROM TEST STANDARD

No deviation

3.1.4 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

3.1.5 EUT OPERATING CONDITIONS

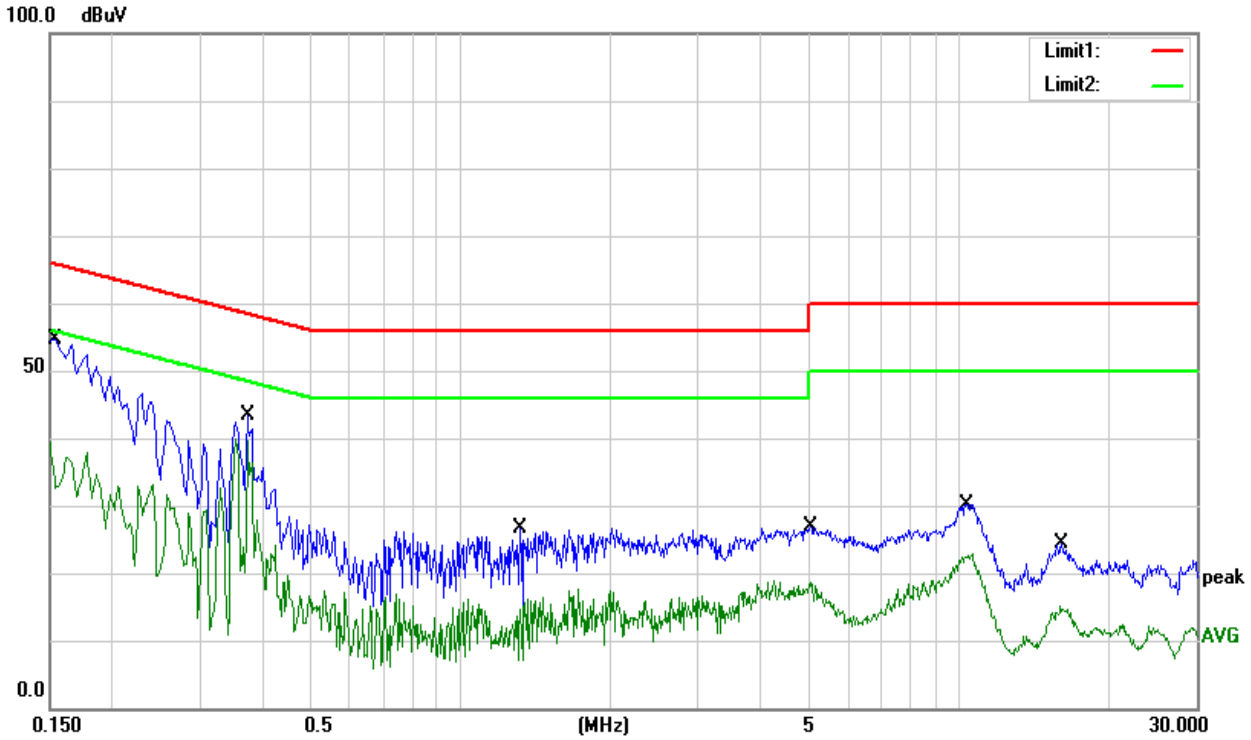
The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

3.1.6 TEST RESULTS

Temperature:	23.5 ℃	Relative Humidity:	59%
Test Voltage:	AC 120V/60Hz	Phase:	L
Test Mode：	Mode 13		

Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
0.1540	44.93	9.79	54.72	65.78	-11.06	QP
0.1540	22.82	9.79	32.61	55.78	-23.17	AVG
0.3740	33.27	10.08	43.35	58.41	-15.06	QP
0.3740	28.20	10.08	38.28	48.41	-10.13	AVG
1.3180	16.82	9.79	26.61	56.00	-29.39	QP
1.3180	4.77	9.79	14.56	46.00	-31.44	AVG
5.0540	16.94	9.85	26.79	60.00	-33.21	QP
5.0540	8.44	9.85	18.29	50.00	-31.71	AVG
10.3460	20.03	10.21	30.24	60.00	-29.76	QP
10.3460	12.05	10.21	22.26	50.00	-27.74	AVG
16.1380	14.09	10.28	24.37	60.00	-35.63	QP
16.1380	4.29	10.28	14.57	50.00	-35.43	AVG

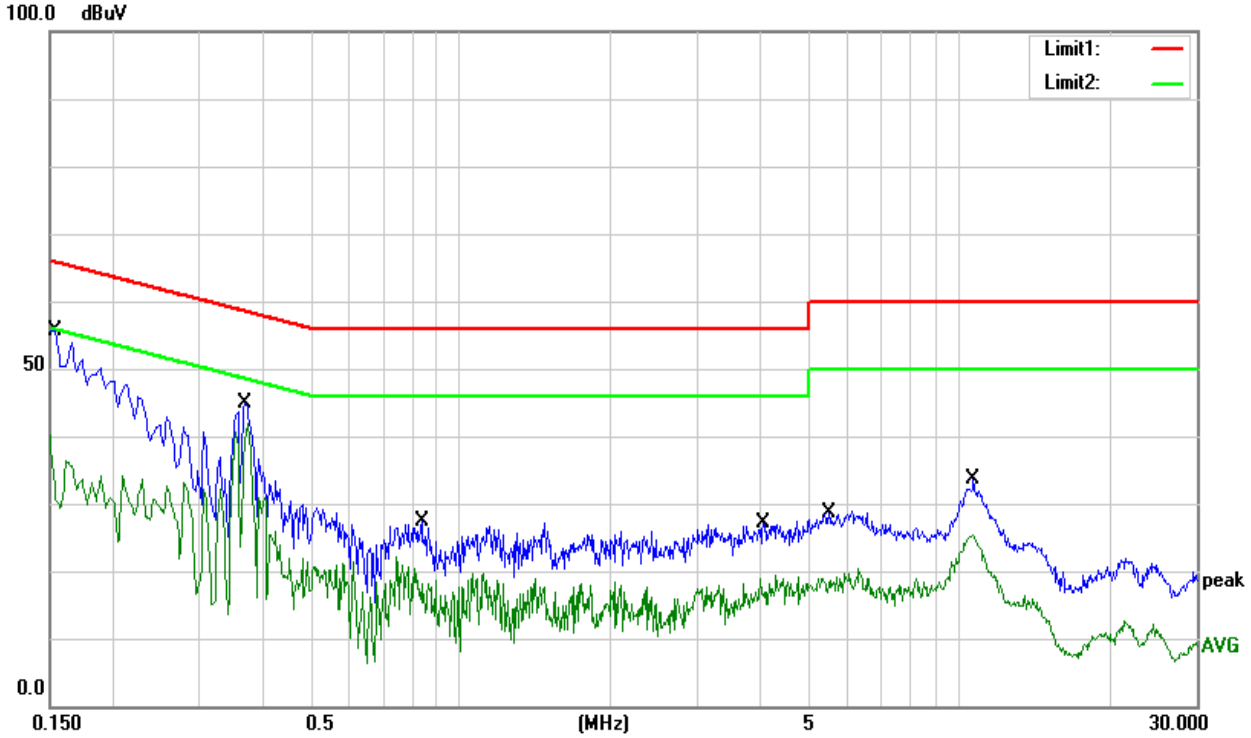
Remark:
1. All readings are Quasi-Peak and Average values.
2. Margin = Result (Result =Reading + Factor)–Limit



Temperature:	23.5 ℃	Relative Humidity:	59%
Test Voltage:	AC 120V/60Hz	Phase:	N
Test Mode	Mode 13		

Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
0.1540	45.97	9.76	55.73	65.78	-10.05	QP
0.1540	21.01	9.76	30.77	55.78	-25.01	AVG
0.3700	34.70	10.13	44.83	58.50	-13.67	QP
0.3700	29.51	10.13	39.64	48.50	-8.86	AVG
0.8380	17.61	9.84	27.45	56.00	-28.55	QP
0.8380	5.42	9.84	15.26	46.00	-30.74	AVG
4.0540	17.24	9.95	27.19	56.00	-28.81	QP
4.0540	6.44	9.95	16.39	46.00	-29.61	AVG
5.4780	18.71	9.91	28.62	60.00	-31.38	QP
5.4780	7.69	9.91	17.60	50.00	-32.40	AVG
10.7180	23.67	9.96	33.63	60.00	-26.37	QP
10.7180	15.19	9.96	25.15	50.00	-24.85	AVG

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



3.2 RADIATED EMISSION AND (BANDEDGE) MEASUREMENT

3.2.1 RADIATED EMISSION LIMITS (Frequency Range 9kHz-1000MHz)

In case the emission fall within the restricted band specified on 15.407(b)7& 15.205/209(a), then the (a); limit in the table below has to be followed.

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
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	Class B (dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

(1) The limit for radiated test was performed according to FCC PART 15E.

(2) The tighter limit applies at the band edges.

(3) Emission level (dBuV/m)=20log Emission level (uV/m).

Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak
Start Frequency	1000 MHz(Peak/AV)
Stop Frequency	10th carrier harmonic(Peak/AV)
RB / VB (emission in restricted band)	1 MHz / 1 MHz, AV=1 MHz /3 MHz

For Band edge

Spectrum Parameter	Setting
Detector	Peak
RB / VB (emission in restricted band)	1 MHz / 1 MHz, AV=1 MHz /3 MHz

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

3.2.2 TEST PROCEDURE

a. The measuring distance of at 3 m shall be used for measurements at frequency 0.009MHz up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
b. The EUT was placed on the top of a rotating table 0.8 meters(above 1GHz is 1.5 m) 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 height of the equipment shall be 0.8 m(above 1GHz is 1.5 m); the height of the test antenna shall vary between 1 m to 4 m. Horizontal and vertical polarizations of the antenna are set to make the measurement
d. 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.
e. 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.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

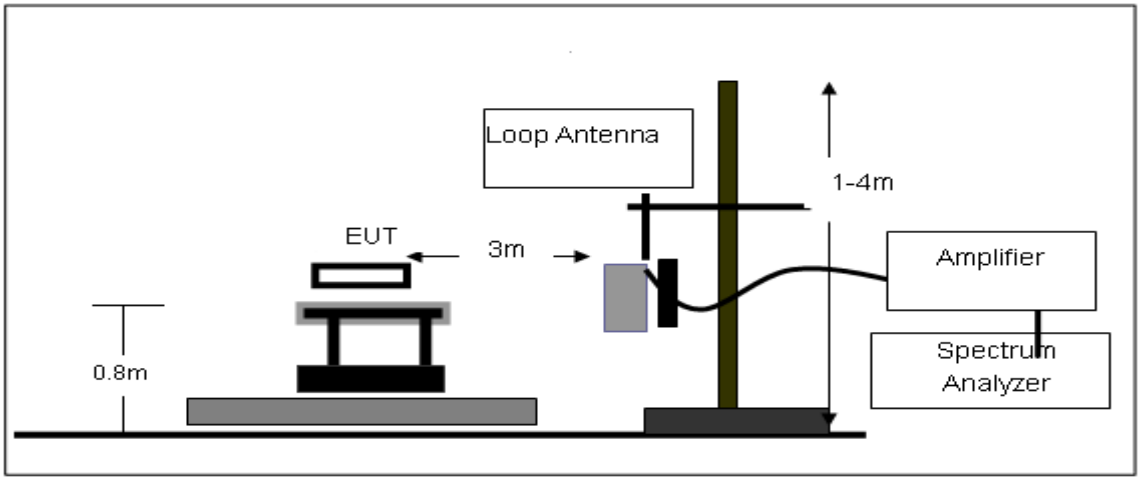
Both horizontal and vertical antenna polarities were tested and performed test to three orthogonal axis. The worst case emissions were reported

3.2.3 DEVIATION FROM TEST STANDARD

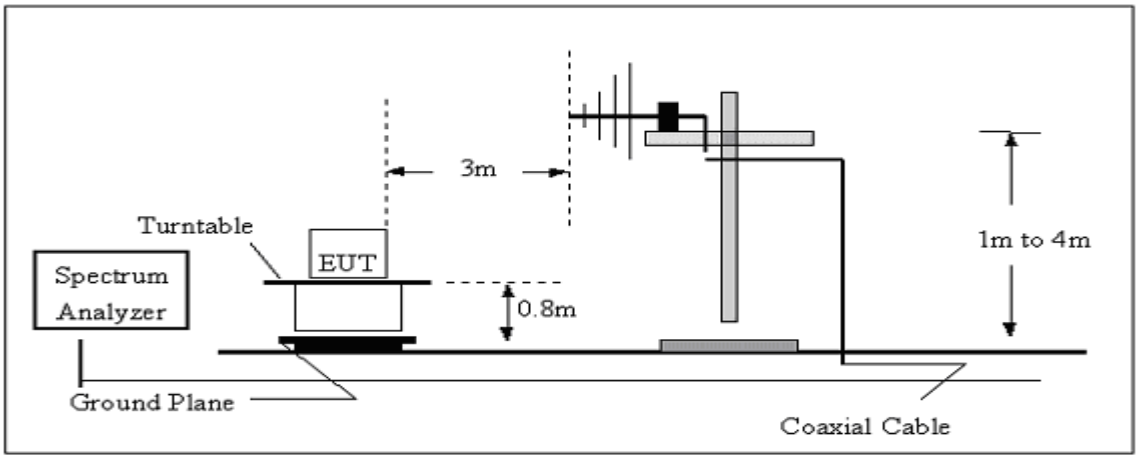
No deviation

3.2.4 TEST SETUP

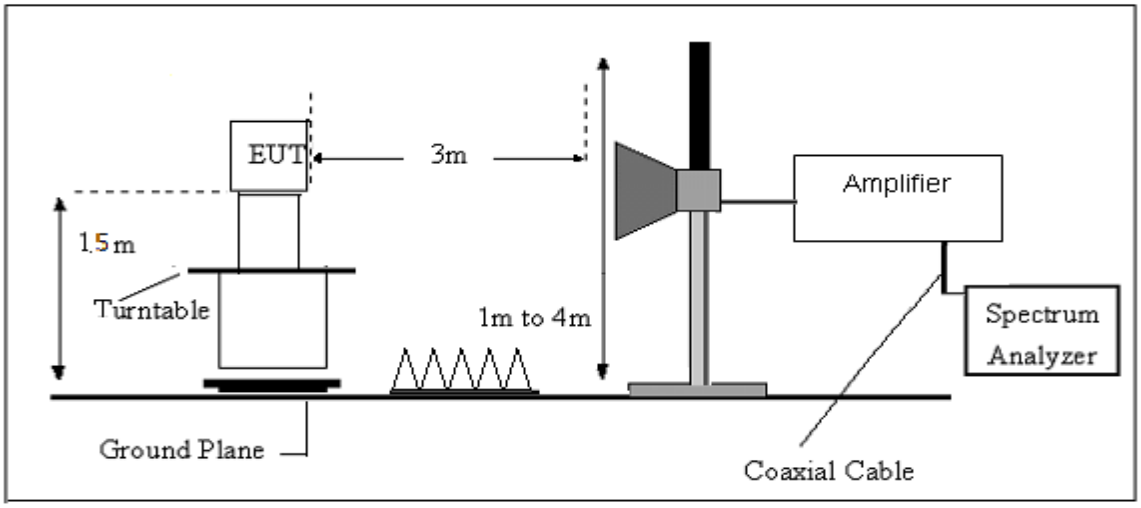
（A）Radiated Emission Test-Up Frequency Below 30MHz



（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.

3.2.6 FIELD STRENGTH CALCULATION

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

FS = RA + AF + CL - AG

Where

FS = Field Strength

CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

For example

Frequency	FS	RA	AF	CL	AG	Factor
(MHz)	(dBμV/m)	(dBμV/m)	(dB)	(dB)	(dB)	(dB)
300	40	58.1	12.2	1.6	31.9	-18.1

Factor=AF+CL-AG

3.2.7 TEST RESULTS (Between 9KHz – 30 MHz)

Temperature：	23.5 ℃	Relative Humidtity：	59%
Test Voltage ：	DC 7.6V from Battery	Polarization :	--
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);

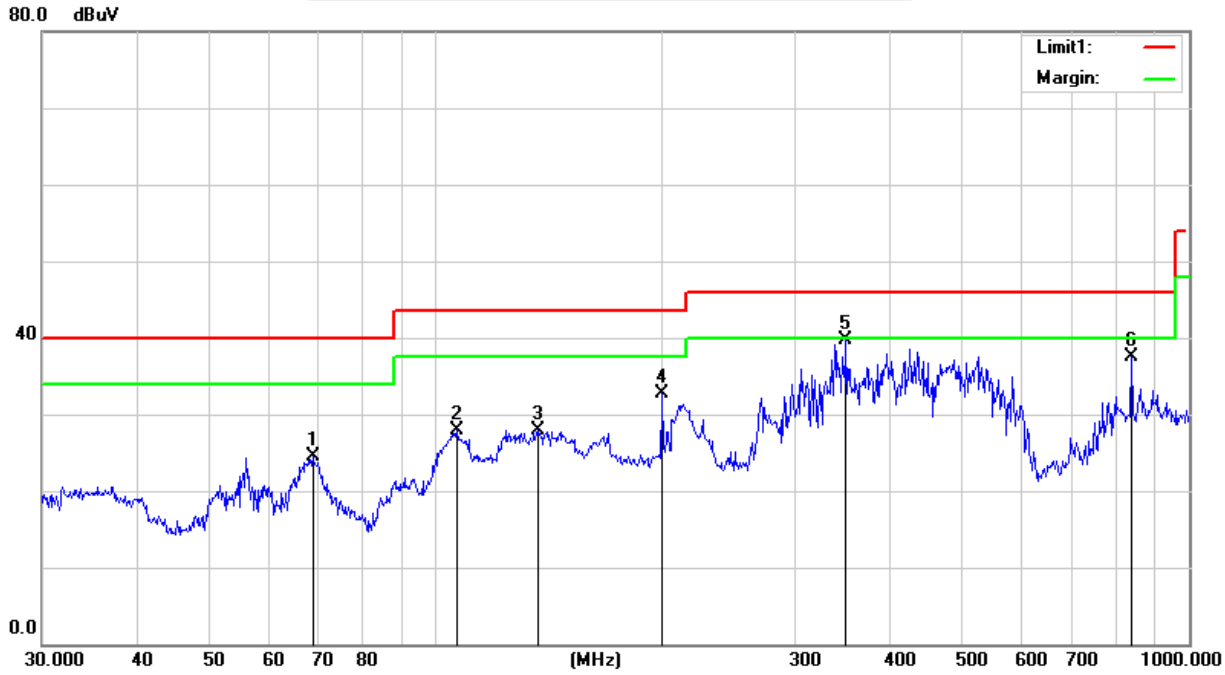
Limit line = specific limits(dBuv) + distance extrapolation factor.

3.2.8 TEST RESULTS (Between 30MHz – 1GHz)

Temperature	24.6 ℃	Relative Humidity	58%
Test Voltage	DC 7.6V from Battery	Polarization	Horizontal
Test Mode	Mode 1-12(Mode 6-6M worst mode)		

Frequency	Reading	Correct	Result	Limit	Margin	Remark
(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
68.6310	48.61	-24.14	24.47	40.00	-15.53	QP
106.7587	46.47	-18.61	27.86	43.50	-15.64	QP
136.4598	45.38	-17.52	27.86	43.50	-15.64	QP
199.9856	52.96	-20.17	32.79	43.50	-10.71	QP
350.4768	53.37	-13.57	39.80	46.00	-6.20	QP
839.1816	40.33	-2.78	37.55	46.00	-8.45	QP

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

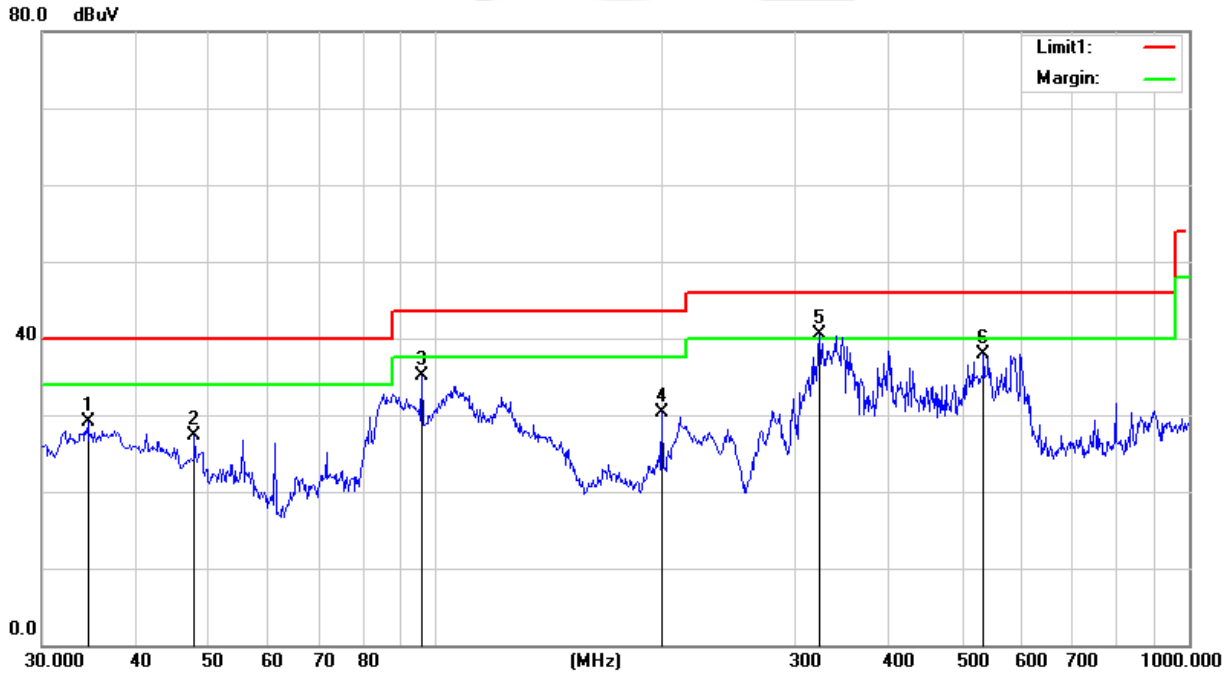


Temperature	24.6 ℃	Relative Humidity	58%
Test Voltage	DC 7.6V from Battery	Polarization	Vertical
Test Mode	Mode 1-12(Mode 6-6M worst mode)		

Frequency	Reading	Correct	Result	Limit	Margin	Remark
(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
34.5172	42.71	-13.51	29.20	40.00	-10.80	QP
47.8260	47.67	-20.36	27.31	40.00	-12.69	QP
95.7622	54.77	-19.61	35.16	43.50	-8.34	QP
199.2855	50.49	-20.17	30.32	43.50	-13.18	QP
323.3204	54.72	-14.14	40.58	46.00	-5.42	QP
533.8320	45.56	-7.58	37.98	46.00	-8.02	QP

Remark:

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



3.2.9 TEST RESULTS (Above 1000 MHz)

Band I 5150-5250MHz

Band I(5.15-5.25) GHz										
Frequency (MHz)	Reading (dBuV)	Amplifier （dB）	Loss （dB）	Antenna Factor （dB/m）	Orrected Factor （dB）	Emission Level (dBμV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
Low Channel (802.11n20/ 5180 MHz)										
3259.38	44.54	44.70	6.70	28.20	-9.80	34.74	74.00	-39.26	PK	Vertical
3259.38	41.49	44.70	6.70	28.20	-9.80	31.69	54.00	-22.31	AV	Vertical
3257.78	43.97	44.70	6.70	28.20	-9.80	34.17	74.00	-39.83	PK	Horizontal
3257.78	41.19	44.70	6.70	28.20	-9.80	31.39	54.00	-22.61	AV	Horizontal
3994.68	39.26	44.20	7.90	29.70	-6.60	32.66	74.00	-41.34	PK	Vertical
3994.68	35.67	44.20	7.90	29.70	-6.60	29.07	54.00	-24.93	AV	Vertical
3985.45	38.91	44.20	7.90	29.70	-6.60	32.31	74.00	-41.69	PK	Horizontal
3985.45	37.00	44.20	7.90	29.70	-6.60	30.40	54.00	-23.60	AV	Horizontal
7228.35	36.55	43.50	11.40	35.50	3.40	39.95	74.00	-34.05	PK	Vertical
7228.35	34.82	43.50	11.40	35.50	3.40	38.22	54.00	-15.78	AV	Vertical
7225.51	36.96	43.50	11.40	35.50	3.40	40.36	74.00	-33.64	PK	Horizontal
7225.51	33.76	43.50	11.40	35.50	3.40	37.16	54.00	-16.84	AV	Horizontal
10360.33	38.98	44.50	13.80	38.80	8.10	47.08	74.00	-26.92	PK	Vertical
10360.33	36.74	44.50	13.80	38.80	8.10	44.84	54.00	-9.16	AV	Vertical
10360.43	38.81	44.50	13.80	38.80	8.10	46.91	74.00	-27.09	PK	Horizontal
10360.43	37.09	44.50	13.80	38.80	8.10	45.19	54.00	-8.81	AV	Horizontal
11029.61	33.16	43.60	14.30	39.50	10.20	43.36	74.00	-30.64	PK	Vertical
11029.61	31.11	43.60	14.30	39.50	10.20	41.31	54.00	-12.69	AV	Vertical
11029.32	34.11	43.60	14.30	39.50	10.20	44.31	74.00	-29.69	PK	Horizontal
11029.32	30.79	43.60	14.30	39.50	10.20	40.99	54.00	-13.01	AV	Horizontal
13287.51	31.57	42.60	15.90	38.90	12.20	43.77	74.00	-30.23	PK	Vertical
13287.51	29.54	42.60	15.90	38.90	12.20	41.74	54.00	-12.26	AV	Vertical
13285.47	32.00	42.60	15.90	38.90	12.20	44.20	74.00	-29.80	PK	Horizontal
13285.47	29.53	42.60	15.90	38.90	12.20	41.73	54.00	-12.27	AV	Horizontal

Mid Channel (802.11 n20/ 5200 MHz)										
3259.40	44.94	44.70	6.70	28.20	-9.80	35.14	74.00	-38.86	PK	Vertical
3259.40	42.12	44.70	6.70	28.20	-9.80	32.32	54.00	-21.68	AV	Vertical
3249.43	45.05	44.70	6.70	28.20	-9.80	35.25	74.00	-38.75	PK	Horizontal
3249.43	41.88	44.70	6.70	28.20	-9.80	32.08	54.00	-21.92	AV	Horizontal
3983.11	38.79	44.20	7.90	29.70	-6.60	32.19	74.00	-41.81	PK	Vertical
3983.11	35.79	44.20	7.90	29.70	-6.60	29.19	54.00	-24.81	AV	Vertical
3996.08	39.78	44.20	7.90	29.70	-6.60	33.18	74.00	-40.82	PK	Horizontal
3996.08	37.01	44.20	7.90	29.70	-6.60	30.41	54.00	-23.59	AV	Horizontal
7225.35	37.02	43.50	11.40	35.50	3.40	40.42	74.00	-33.58	PK	Vertical
7225.35	34.77	43.50	11.40	35.50	3.40	38.17	54.00	-15.83	AV	Vertical
7226.13	36.61	43.50	11.40	35.50	3.40	40.01	74.00	-33.99	PK	Horizontal
7226.13	34.29	43.50	11.40	35.50	3.40	37.69	54.00	-16.31	AV	Horizontal
10400.24	39.83	44.50	13.80	38.80	8.10	47.93	74.00	-26.07	PK	Vertical
10400.24	37.06	44.50	13.80	38.80	8.10	45.16	54.00	-8.84	AV	Vertical
10400.21	39.04	44.50	13.80	38.80	8.10	47.14	74.00	-26.86	PK	Horizontal
10400.21	35.97	44.50	13.80	38.80	8.10	44.07	54.00	-9.93	AV	Horizontal
11026.41	32.82	43.60	14.30	39.50	10.20	43.02	74.00	-30.98	PK	Vertical
11026.41	31.04	43.60	14.30	39.50	10.20	41.24	54.00	-12.76	AV	Vertical
11024.08	32.76	43.60	14.30	39.50	10.20	42.96	74.00	-31.04	PK	Horizontal
11024.08	29.97	43.60	14.30	39.50	10.20	40.17	54.00	-13.83	AV	Horizontal
13280.49	32.30	42.60	15.90	38.90	12.20	44.50	74.00	-29.50	PK	Vertical
13280.49	29.52	42.60	15.90	38.90	12.20	41.72	54.00	-12.28	AV	Vertical
13287.65	32.79	42.60	15.90	38.90	12.20	44.99	74.00	-29.01	PK	Horizontal
13287.65	28.87	42.60	15.90	38.90	12.20	41.07	54.00	-12.93	AV	Horizontal

High Channel (802.11 n20/ 5240 MHz)										
3261.20	44.96	44.70	6.70	28.20	-9.80	35.16	74.00	-38.84	PK	Vertical
3261.20	41.79	44.70	6.70	28.20	-9.80	31.99	54.00	-22.01	AV	Vertical
3265.21	43.89	44.70	6.70	28.20	-9.80	34.09	74.00	-39.91	PK	Horizontal
3265.21	41.15	44.70	6.70	28.20	-9.80	31.35	54.00	-22.65	AV	Horizontal
3980.39	39.37	44.20	7.90	29.70	-6.60	32.77	74.00	-41.23	PK	Vertical
3980.39	36.22	44.20	7.90	29.70	-6.60	29.62	54.00	-24.38	AV	Vertical
3983.12	38.74	44.20	7.90	29.70	-6.60	32.14	74.00	-41.86	PK	Horizontal
3983.12	36.76	44.20	7.90	29.70	-6.60	30.16	54.00	-23.84	AV	Horizontal
7218.76	36.95	43.50	11.40	35.50	3.40	40.35	74.00	-33.65	PK	Vertical
7218.76	34.70	43.50	11.40	35.50	3.40	38.10	54.00	-15.90	AV	Vertical
7234.53	37.17	43.50	11.40	35.50	3.40	40.57	74.00	-33.43	PK	Horizontal
7234.53	34.28	43.50	11.40	35.50	3.40	37.68	54.00	-16.32	AV	Horizontal
10480.03	39.67	44.50	13.80	38.80	8.10	47.77	74.00	-26.23	PK	Vertical
10480.03	36.90	44.50	13.80	38.80	8.10	45.00	54.00	-9.00	AV	Vertical
10479.98	39.98	44.50	13.80	38.80	8.10	48.08	74.00	-25.92	PK	Horizontal
10479.98	37.10	44.50	13.80	38.80	8.10	45.20	54.00	-8.80	AV	Horizontal
11019.21	33.60	43.60	14.30	39.50	10.20	43.80	74.00	-30.20	PK	Vertical
11019.21	29.72	43.60	14.30	39.50	10.20	39.92	54.00	-14.08	AV	Vertical
11029.45	33.16	43.60	14.30	39.50	10.20	43.36	74.00	-30.64	PK	Horizontal
11029.45	30.01	43.60	14.30	39.50	10.20	40.21	54.00	-13.79	AV	Horizontal
13291.61	31.74	42.60	15.90	38.90	12.20	43.94	74.00	-30.06	PK	Vertical
13291.61	29.39	42.60	15.90	38.90	12.20	41.59	54.00	-12.41	AV	Vertical
13286.88	32.91	42.60	15.90	38.90	12.20	45.11	74.00	-28.89	PK	Horizontal
13286.88	29.14	42.60	15.90	38.90	12.20	41.34	54.00	-12.66	AV	Horizontal

Remark:
1.Factor = Antenna Factor + Cable Loss – Pre-amplifier.
2. Scan with 802.11a,802.11n (HT-20),802.11n (HT-40), 802.11ac (HT-20),802.11ac (HT-40), 802.11ac (HT-80) the worst case is 802.11n (HT-20).
3. The frequency emission of peak points that did not show above the forms are at least 20dB below the limit, the frequency emission is mainly from the environment noise.

Band IV(5.725-5.850) GHz

Band IV(5.725-5.85) GHz										
Frequency (MHz)	Reading (dBuV)	Amplifier （dB）	Loss （dB）	Antenna Factor （dB/m）	Orrected Factor （dB）	Emission Level (dBμV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
Low Channel (802.11 n20/ 5745 MHz)										
3246.79	45.10	44.70	6.70	28.20	-9.80	35.30	74.00	-38.70	PK	Vertical
3246.79	41.51	44.70	6.70	28.20	-9.80	31.71	54.00	-22.29	AV	Vertical
3246.01	43.99	44.70	6.70	28.20	-9.80	34.19	74.00	-39.81	PK	Horizontal
3246.01	41.88	44.70	6.70	28.20	-9.80	32.08	54.00	-21.92	AV	Horizontal
3991.51	39.93	44.20	7.90	29.70	-6.60	33.33	74.00	-40.67	PK	Vertical
3991.51	36.57	44.20	7.90	29.70	-6.60	29.97	54.00	-24.03	AV	Vertical
3992.00	39.09	44.20	7.90	29.70	-6.60	32.49	74.00	-41.51	PK	Horizontal
3992.00	36.72	44.20	7.90	29.70	-6.60	30.12	54.00	-23.88	AV	Horizontal
7235.58	36.46	43.50	11.40	35.50	3.40	39.86	74.00	-34.14	PK	Vertical
7235.58	33.97	43.50	11.40	35.50	3.40	37.37	54.00	-16.63	AV	Vertical
7221.85	36.99	43.50	11.40	35.50	3.40	40.39	74.00	-33.61	PK	Horizontal
7221.85	34.08	43.50	11.40	35.50	3.40	37.48	54.00	-16.52	AV	Horizontal
10503.29	38.99	44.50	13.90	38.80	8.20	47.19	74.00	-26.81	PK	Vertical
10503.29	35.85	44.50	13.90	38.80	8.20	44.05	54.00	-9.95	AV	Vertical
10515.32	40.04	44.50	13.90	38.80	8.20	48.24	74.00	-25.76	PK	Horizontal
10515.32	36.86	44.50	13.90	38.80	8.20	45.06	54.00	-8.94	AV	Horizontal
11490.25	33.15	43.60	14.30	39.50	10.20	43.35	74.00	-30.65	PK	Vertical
11490.25	31.05	43.60	14.30	39.50	10.20	41.25	54.00	-12.75	AV	Vertical
11490.11	33.86	43.60	14.30	39.50	10.20	44.06	74.00	-29.94	PK	Horizontal
11490.11	31.06	43.60	14.30	39.50	10.20	41.26	54.00	-12.74	AV	Horizontal
13291.83	32.03	42.60	15.90	38.90	12.20	44.23	74.00	-29.77	PK	Vertical
13291.83	29.92	42.60	15.90	38.90	12.20	42.12	54.00	-11.88	AV	Vertical
13291.79	32.94	42.60	15.90	38.90	12.20	45.14	74.00	-28.86	PK	Horizontal
13291.79	29.89	42.60	15.90	38.90	12.20	42.09	54.00	-11.91	AV	Horizontal

Mid Channel (802.11 n20/ 5785 MHz)										
3258.87	45.08	44.70	6.70	28.20	-9.80	35.28	74.00	-38.72	PK	Vertical
3258.87	41.41	44.70	6.70	28.20	-9.80	31.61	54.00	-22.39	AV	Vertical
3255.63	44.23	44.70	6.70	28.20	-9.80	34.43	74.00	-39.57	PK	Horizontal
3255.63	41.70	44.70	6.70	28.20	-9.80	31.90	54.00	-22.10	AV	Horizontal
3988.49	39.28	44.20	7.90	29.70	-6.60	32.68	74.00	-41.32	PK	Vertical
3988.49	35.84	44.20	7.90	29.70	-6.60	29.24	54.00	-24.76	AV	Vertical
3983.19	38.72	44.20	7.90	29.70	-6.60	32.12	74.00	-41.88	PK	Horizontal
3983.19	36.40	44.20	7.90	29.70	-6.60	29.80	54.00	-24.20	AV	Horizontal
7233.65	37.30	43.50	11.40	35.50	3.40	40.70	74.00	-33.30	PK	Vertical
7233.65	34.38	43.50	11.40	35.50	3.40	37.78	54.00	-16.22	AV	Vertical
7225.53	36.92	43.50	11.40	35.50	3.40	40.32	74.00	-33.68	PK	Horizontal
7225.53	34.49	43.50	11.40	35.50	3.40	37.89	54.00	-16.11	AV	Horizontal
10581.59	40.02	44.50	13.80	38.80	8.10	48.12	74.00	-25.88	PK	Vertical
10581.59	35.80	44.50	13.80	38.80	8.10	43.90	54.00	-10.10	AV	Vertical
10584.50	39.53	44.50	13.80	38.80	8.10	47.63	74.00	-26.37	PK	Horizontal
10584.50	35.71	44.50	13.80	38.80	8.10	43.81	54.00	-10.19	AV	Horizontal
11570.26	32.74	43.60	14.30	39.50	10.20	42.94	74.00	-31.06	PK	Vertical
11570.26	30.22	43.60	14.30	39.50	10.20	40.42	54.00	-13.58	AV	Vertical
11570.43	33.00	43.60	14.30	39.50	10.20	43.20	74.00	-30.80	PK	Horizontal
11570.43	30.74	43.60	14.30	39.50	10.20	40.94	54.00	-13.06	AV	Horizontal
13296.40	32.45	42.60	15.90	38.90	12.20	44.65	74.00	-29.35	PK	Vertical
13296.40	29.63	42.60	15.90	38.90	12.20	41.83	54.00	-12.17	AV	Vertical
13285.99	31.82	42.60	15.90	38.90	12.20	44.02	74.00	-29.98	PK	Horizontal
13285.99	28.67	42.60	15.90	38.90	12.20	40.87	54.00	-13.13	AV	Horizontal

High Channel (802.11 n20/ 5825 MHz)										
3257.48	44.45	44.70	6.70	28.20	-9.80	34.65	74.00	-39.35	PK	Vertical
3257.48	42.02	44.70	6.70	28.20	-9.80	32.22	54.00	-21.78	AV	Vertical
3259.62	44.84	44.70	6.70	28.20	-9.80	35.04	74.00	-38.96	PK	Horizontal
3259.62	41.37	44.70	6.70	28.20	-9.80	31.57	54.00	-22.43	AV	Horizontal
3999.63	39.72	44.20	7.90	29.70	-6.60	33.12	74.00	-40.88	PK	Vertical
3999.63	36.08	44.20	7.90	29.70	-6.60	29.48	54.00	-24.52	AV	Vertical
3997.22	38.94	44.20	7.90	29.70	-6.60	32.34	74.00	-41.66	PK	Horizontal
3997.22	35.73	44.20	7.90	29.70	-6.60	29.13	54.00	-24.87	AV	Horizontal
7235.14	36.89	43.50	11.40	35.50	3.40	40.29	74.00	-33.71	PK	Vertical
7235.14	34.28	43.50	11.40	35.50	3.40	37.68	54.00	-16.32	AV	Vertical
7232.96	37.03	43.50	11.40	35.50	3.40	40.43	74.00	-33.57	PK	Horizontal
7232.96	34.57	43.50	11.40	35.50	3.40	37.97	54.00	-16.03	AV	Horizontal
10634.95	40.18	44.50	13.80	38.80	8.10	48.28	74.00	-25.72	PK	Vertical
10634.95	36.45	44.50	13.80	38.80	8.10	44.55	54.00	-9.45	AV	Vertical
10640.43	39.37	44.50	13.80	38.80	8.10	47.47	74.00	-26.53	PK	Horizontal
10640.43	37.11	44.50	13.80	38.80	8.10	45.21	54.00	-8.79	AV	Horizontal
11650.32	32.92	43.60	14.30	39.50	10.20	43.12	74.00	-30.88	PK	Vertical
11650.32	30.47	43.60	14.30	39.50	10.20	40.67	54.00	-13.33	AV	Vertical
11650.22	33.84	43.60	14.30	39.50	10.20	44.04	74.00	-29.96	PK	Horizontal
11650.22	30.73	43.60	14.30	39.50	10.20	40.93	54.00	-13.07	AV	Horizontal
13295.04	32.36	42.70	18.00	37.10	12.40	44.76	74.00	-29.24	PK	Vertical
13295.04	29.68	42.70	18.00	37.10	12.40	42.08	54.00	-11.92	AV	Vertical
13298.01	32.29	42.70	18.00	37.10	12.40	44.69	74.00	-29.31	PK	Horizontal
13298.01	29.46	42.70	18.00	37.10	12.40	41.86	54.00	-12.14	AV	Horizontal

Remark:
1.Factor = Antenna Factor + Cable Loss – Pre-amplifier.
2. Scan with 802.11a,802.11n (HT-20),802.11n (HT-40), 802.11ac (HT-20),802.11ac (HT-40), 802.11ac (HT-80) the worst case is 802.11n (HT-20).
3. The frequency emission of peak points that did not show above the forms are at least 20dB below the limit, the frequency emission is mainly from the environment noise.

3.2.10 Band Edge

Band I&II(5.15-5.35)GHz

Band I&II(5.15-5.35)GHz										
Frequency	Meter Reading	Amplifier	Loss	Antenna Factor	Orrected Factor	Emission Level	Limits	Margin	Detector	Comment
(MHz)	(dBμV)	（dB）	（dB）	（dB/m）	（dB）	(dBμV/m)	(dBμV/m)	(dB)	Type	
802.11a BW20MHz										
5150	39.40	44.20	8.98	31.60	-3.62	35.78	74	-38.22	Peak	Vertical
5150	28.78	44.20	8.98	31.60	-3.62	25.16	54	-28.84	AVG	Vertical
5150	40.95	44.20	8.98	31.60	-3.62	37.33	74	-36.67	Peak	Horizontal
5150	31.23	44.20	8.98	31.60	-3.62	27.61	54	-26.39	AVG	Horizontal
5350	45.28	44.20	9.35	31.60	-3.25	42.03	74	-31.97	Peak	Vertical
5350	27.78	44.20	9.35	31.60	-3.25	24.53	54	-29.47	AVG	Vertical
5350	41.43	44.20	9.35	31.60	-3.25	38.18	74	-35.82	Peak	Horizontal
5350	31.67	44.20	9.35	31.60	-3.25	28.42	54	-25.58	AVG	Horizontal
802.11n BW20MHz										
5150	40.40	44.20	8.98	31.60	-3.62	36.78	74	-37.22	Peak	Vertical
5150	30.42	44.20	8.98	31.60	-3.62	26.80	54	-27.20	AVG	Vertical
5150	39.26	44.20	8.98	31.60	-3.62	35.64	74	-38.36	Peak	Horizontal
5150	30.31	44.20	8.98	31.60	-3.62	26.69	54	-27.31	AVG	Horizontal
5350	45.82	44.20	9.35	31.60	-3.25	42.57	74	-31.43	Peak	Vertical
5350	29.51	44.20	9.35	31.60	-3.25	26.26	54	-27.74	AVG	Vertical
5350	37.99	44.20	9.35	31.60	-3.25	34.74	74	-39.26	Peak	Horizontal
5350	28.12	44.20	9.35	31.60	-3.25	24.87	54	-29.13	AVG	Horizontal
802.11n BW40MHz										
5150	39.92	44.20	8.98	31.60	-3.62	36.30	74	-37.70	Peak	Vertical
5150	28.88	44.20	8.98	31.60	-3.62	25.26	54	-28.74	AVG	Vertical
5150	38.87	44.20	8.98	31.60	-3.62	35.25	74	-38.75	Peak	Horizontal
5150	29.39	44.20	8.98	31.60	-3.62	25.77	54	-28.23	AVG	Horizontal
5350	46.19	44.20	9.35	31.60	-3.25	42.94	74	-31.06	Peak	Vertical
5350	28.52	44.20	9.35	31.60	-3.25	25.27	54	-28.73	AVG	Vertical
5350	38.37	44.20	9.35	31.60	-3.25	35.12	74	-38.88	Peak	Horizontal
5350	28.53	44.20	9.35	31.60	-3.25	25.28	54	-28.72	AVG	Horizontal

802.11ac BW20MHz										
5150	40.58	44.20	8.98	31.60	-3.62	36.96	74	-37.04	Peak	Vertical
5150	27.54	44.20	8.98	31.60	-3.62	23.92	54	-30.08	AVG	Vertical
5150	38.49	44.20	8.98	31.60	-3.62	34.87	74	-39.13	Peak	Horizontal
5150	28.43	44.20	8.98	31.60	-3.62	24.81	54	-29.19	AVG	Horizontal
5350	45.82	44.20	9.35	31.60	-3.25	42.57	74	-31.43	Peak	Vertical
5350	30.83	44.20	9.35	31.60	-3.25	27.58	54	-26.42	AVG	Vertical
5350	38.28	44.20	9.35	31.60	-3.25	35.03	74	-38.97	Peak	Horizontal
5350	27.76	44.20	9.35	31.60	-3.25	24.51	54	-29.49	AVG	Horizontal
802.11ac BW40MHz										
5150	38.57	44.20	8.98	31.60	-3.62	34.95	74	-39.05	Peak	Vertical
5150	29.60	44.20	8.98	31.60	-3.62	25.98	54	-28.02	AVG	Vertical
5150	39.81	44.20	8.98	31.60	-3.62	36.19	74	-37.81	Peak	Horizontal
5150	29.68	44.20	8.98	31.60	-3.62	26.06	54	-27.94	AVG	Horizontal
5350	46.19	44.20	9.35	31.60	-3.25	42.94	74	-31.06	Peak	Vertical
5350	27.91	44.20	9.35	31.60	-3.25	24.66	54	-29.34	AVG	Vertical
5350	41.65	44.20	9.35	31.60	-3.25	38.40	74	-35.60	Peak	Horizontal
5350	28.13	44.20	9.35	31.60	-3.25	24.88	54	-29.12	AVG	Horizontal
802.11ac BW80MHz										
5150	38.73	44.20	8.98	31.60	-3.62	35.11	74	-38.89	Peak	Vertical
5150	31.78	44.20	8.98	31.60	-3.62	28.16	54	-25.84	AVG	Vertical
5150	39.87	44.20	8.98	31.60	-3.62	36.25	74	-37.75	Peak	Horizontal
5150	30.86	44.20	8.98	31.60	-3.62	27.24	54	-26.76	AVG	Horizontal
5350	42.77	44.20	9.35	31.60	-3.25	39.52	74	-34.48	Peak	Vertical
5350	31.41	44.20	9.35	31.60	-3.25	28.16	54	-25.84	AVG	Vertical
5350	38.43	44.20	9.35	31.60	-3.25	35.18	74	-38.82	Peak	Horizontal
5350	29.23	44.20	9.35	31.60	-3.25	25.98	54	-28.02	AVG	Horizontal

Band IV(5.725-5.85 GHz)

Band IV(5.725-5.85 GHz)										
Frequency	Meter Reading	Amplifier	Loss	Antenna Factor	Orrected Factor	Emission Level	Limits	Margin	Detector	Comment
(MHz)	(dBμV)	（dB）	（dB）	（dB/m）	（dB）	(dBμV/m)	(dBμV/m)	(dB)	Type	
802.11a BW20MHz										
5725	41.01	44.20	10.00	32.00	-2.20	38.81	74	-35.19	Peak	Vertical
5725	31.91	44.20	10.00	32.00	-2.20	29.71	54	-24.29	AVG	Vertical
5725	37.93	44.20	10.00	32.00	-2.20	35.73	74	-38.27	Peak	Horizontal
5725	29.11	44.20	10.00	32.00	-2.20	26.91	54	-27.09	AVG	Horizontal
5850	44.15	44.20	10.20	32.00	-2.00	42.15	74	-31.85	Peak	Vertical
5850	31.79	44.20	10.20	32.00	-2.00	29.79	54	-24.21	AVG	Vertical
5850	37.88	44.20	10.20	32.00	-2.00	35.88	74	-38.12	Peak	Horizontal
5850	29.57	44.20	10.20	32.00	-2.00	27.57	54	-26.43	AVG	Horizontal
802.11n BW20MHz										
5725	41.85	44.20	10.00	32.00	-2.20	39.65	74	-34.35	Peak	Vertical
5725	30.73	44.20	10.00	32.00	-2.20	28.53	54	-25.47	AVG	Vertical
5725	39.94	44.20	10.00	32.00	-2.20	37.74	74	-36.26	Peak	Horizontal
5725	28.46	44.20	10.00	32.00	-2.20	26.26	54	-27.74	AVG	Horizontal
5850	45.00	44.20	10.20	32.00	-2.00	43.00	74	-31.00	Peak	Vertical
5850	27.90	44.20	10.20	32.00	-2.00	25.90	54	-28.10	AVG	Vertical
5850	41.62	44.20	10.20	32.00	-2.00	39.62	74	-34.38	Peak	Horizontal
5850	28.23	44.20	10.20	32.00	-2.00	26.23	54	-27.77	AVG	Horizontal
802.11n BW40MHz										
5725	38.68	44.20	10.00	32.00	-2.20	36.48	74	-37.52	Peak	Vertical
5725	28.15	44.20	10.00	32.00	-2.20	25.95	54	-28.05	AVG	Vertical
5725	40.03	44.20	10.00	32.00	-2.20	37.83	74	-36.17	Peak	Horizontal
5725	29.87	44.20	10.00	32.00	-2.20	27.67	54	-26.33	AVG	Horizontal
5850	46.02	44.20	10.20	32.00	-2.00	44.02	74	-29.98	Peak	Vertical
5850	28.43	44.20	10.20	32.00	-2.00	26.43	54	-27.57	AVG	Vertical
5850	41.41	44.20	10.20	32.00	-2.00	39.41	74	-34.59	Peak	Horizontal
5850	30.78	44.20	10.20	32.00	-2.00	28.78	54	-25.22	AVG	Horizontal

802.11ac BW20MHz										
5725	40.30	44.20	10.00	32.00	-2.20	38.10	74	-35.90	Peak	Vertical
5725	29.01	44.20	10.00	32.00	-2.20	26.81	54	-27.19	AVG	Vertical
5725	38.47	44.20	10.00	32.00	-2.20	36.27	74	-37.73	Peak	Horizontal
5725	28.00	44.20	10.00	32.00	-2.20	25.80	54	-28.20	AVG	Horizontal
5850	43.07	44.20	10.20	32.00	-2.00	41.07	74	-32.93	Peak	Vertical
5850	30.00	44.20	10.20	32.00	-2.00	28.00	54	-26.00	AVG	Vertical
5850	40.88	44.20	10.20	32.00	-2.00	38.88	74	-35.12	Peak	Horizontal
5850	28.07	44.20	10.20	32.00	-2.00	26.07	54	-27.93	AVG	Horizontal
802.11ac BW40MHz										
5725	41.98	44.20	10.00	32.00	-2.20	39.78	74	-34.22	Peak	Vertical
5725	28.03	44.20	10.00	32.00	-2.20	25.83	54	-28.17	AVG	Vertical
5725	38.25	44.20	10.00	32.00	-2.20	36.05	74	-37.95	Peak	Horizontal
5725	30.16	44.20	10.00	32.00	-2.20	27.96	54	-26.04	AVG	Horizontal
5850	45.42	44.20	10.20	32.00	-2.00	43.42	74	-30.58	Peak	Vertical
5850	28.47	44.20	10.20	32.00	-2.00	26.47	54	-27.53	AVG	Vertical
5850	40.06	44.20	10.20	32.00	-2.00	38.06	74	-35.94	Peak	Horizontal
5850	30.39	44.20	10.20	32.00	-2.00	28.39	54	-25.61	AVG	Horizontal
802.11ac BW80MHz										
5725	39.50	44.20	10.00	32.00	-2.20	37.30	74	-36.70	Peak	Vertical
5725	30.78	44.20	10.00	32.00	-2.20	28.58	54	-25.42	AVG	Vertical
5725	38.08	44.20	10.00	32.00	-2.20	35.88	74	-38.12	Peak	Horizontal
5725	29.27	44.20	10.00	32.00	-2.20	27.07	54	-26.93	AVG	Horizontal
5850	42.83	44.20	10.20	32.00	-2.00	40.83	74	-33.17	Peak	Vertical
5850	28.41	44.20	10.20	32.00	-2.00	26.41	54	-27.59	AVG	Vertical
5850	38.17	44.20	10.20	32.00	-2.00	36.17	74	-37.83	Peak	Horizontal
5850	29.25	44.20	10.20	32.00	-2.00	27.25	54	-26.75	AVG	Horizontal

4. CONDUCTED SPURIOUS EMISSIONS AND BANDEDGE

4.1 APPLIED PROCEDURES / LIMIT

Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

4.1.1 TEST PROCEDURE

Spectrum Parameter	Setting
Detector	Peak
Start/Stop Frequency	30 MHz to 10th carrier harmonic
RB / VB (emission in restricted band)	1000 KHz/3000 KHz
Trace-Mode:	Max hold

.

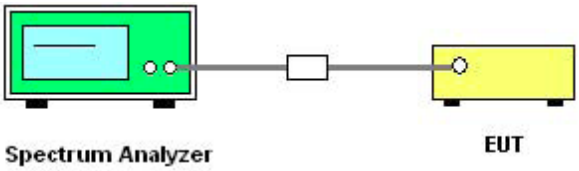
For Band edge

Spectrum Parameter	Setting
Detector	Peak
Start/Stop Frequency	Lower Band Edge: 5700 to 5725 MHz Upper Band Edge: 5850 to 5870 MHz
RB / VB (emission in restricted band)	1000 KHz/3000 KHz
Trace-Mode:	Max hold

4.1.2 DEVIATION FROM STANDARD

No deviation.

4.1.3 TEST SETUP



The EUT which is powered by the Battery, is coupled to the Spectrum Analyzer; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading.
Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 1000 kHz. In order to make an accurate measurement, set the span greater than RBW.

4.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.

4.1.5 TEST RESULTS

Data See Appendix A

5. POWER SPECTRAL DENSITY TEST

5.1 APPLIED PROCEDURES / LIMIT

1. For mobile and portable client devices in the 5.15-5.25 GHz band, , the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
2. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
3. For the band 5.725-5.850 GHz, the peak power spectral density shall not exceed 30 dBm in any 500KHz band. If transmitting antenna directional gain is greater than 6 dBi, both the maximum conducted output power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

5.1.1 TEST PROCEDURE

1. The setting follows Method SA-1 of FCC KDB D02 General UNII Test Procedures New Rules v01r03.

For devices operating in the band, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus a narrower RBW may need to be used. The rules permit the use of a RBWs less than 1 MHz, or 500 kHz, “provided that the measured power is integrated over the full reference bandwidth” to show the total power over the specified measurement bandwidth (*i.e.,* 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 KHz bandwidth, the following adjustments to the procedures apply:

a) Set RBW ≥ 1/*T*, where *T* is defined in section II.B.l.a).

b) Set VBW ≥ 3 RBW.

c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10 log (500kHz/RBW) to the measured result, whereas RBW (< 500 kHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement.

d) If measurement bandwidth of Maximum PSD is specified in 1 MHz, add 10 log (1MHz/RBW) to the measured result, whereas RBW (< 1 MHz) is the reduced resolution bandwidth of spectrum analyzer set during measurement.

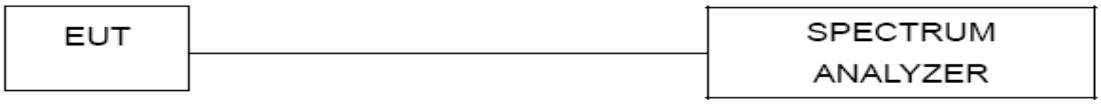
e) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

Note: As a practical matter, it is recommended to use reduced RBW of 100 kHz for the sections5.c) and 5.d) above, since RBW=100 KHZ is available on nearly all spectrum analyzers.

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.1 Unless otherwise a special operating condition is specified in the follows during the testing.

5.1.5 TEST RESULTS

Data see Appendix B

6. BANDWIDTH MEASUREMENT

6.1 EMISSION BANDWIDTH (EBW) 26 BANDWID PROCEDURES / LIMIT

See list of measuring instruments of this test report.

6.1.1 TEST PROCEDURE

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r03
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > =RBW.
4. Detector = Peak.
5. Trace mode = max hold.
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP

6.1.4 EUT OPERATION 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.

6.1.5 TEST RESULTS

Data see Appendix C

6.2 OCCUPIED BANDWIDTH (99%) TEST APPLIED PROCEDURES / LIMIT

The following procedure shall be used for measuring (99 %) power bandwidth:

6.2.1 TEST PROCEDURE

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures v01r03.
The following procedure shall be used for measuring (99 %) power bandwidth:

1. Set center frequency to the nominal EUT channel center frequency.

2. Set span = 1.5 times to 5.0 times the OBW.

3. Set RBW = 1 % to 5 % of the OBW

4. Set VBW ≥ 3 · RBW

5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.

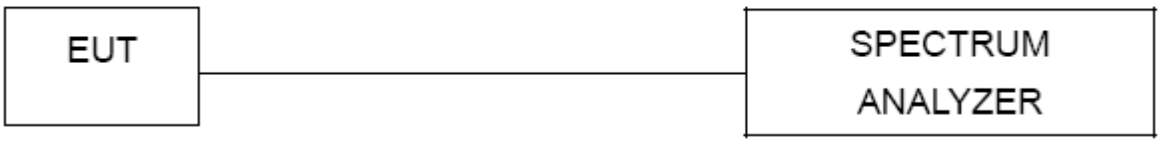
6. Use the 99 % power bandwidth function of the instrument (if available).

7. If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

6.2.2 DEVIATION FROM STANDARD

No deviation.

6.2.3 TEST SETUP



6.2.4 EUT OPERATION 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.

6.2.5 TEST RESULTS

Data See Appendix C

6.3 MINIMUM EMISSION BANDWIDTH(6 DB) PROCEDURES / LIMIT

Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for the band 5.725-5.85 GHz. The following procedure shall be used for measuring this bandwidth:

6.3.1 TEST PROCEDURE

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures v01r03.

a) Set RBW = 100 kHz.

b) Set the video bandwidth (VBW) ≥ 3 × RBW.

c) Detector = Peak.

d) Trace mode = max hold.

e) Sweep = auto couple.

f) Allow the trace to stabilize.

g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

6.3.2 DEVIATION FROM STANDARD

No deviation.

6.3.3 TEST SETUP

6.3.4 EUT OPERATION 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.

6.3.5 TEST RESULTS

Data see Appendix D

7. MAXIMUM CONDUCTED OUTPUT POWER

7.1 APPLIED PROCEDURES / LIMIT

For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz,If transmitting antennas of directional gain greater than 6 dBi are used.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. If transmitting antennas of directional gain greater than 6 dBi are used.

FCC Part15 (15.407) , Subpart E				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.407(a) (1) (iv)	Peak Output Power	0.25 watt	5150-5250	PASS
		The lesser of 250 mW or 11 dBm + 10 log (26 dB emission bandwidth)	5250-5350 5470-5725	
15.407(a) (3)		1 watt	5725-5825	

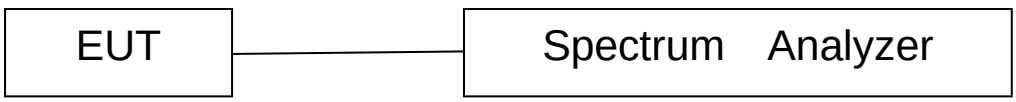
7.1.1 TEST PROCEDURE

The EUT was directly connected to the Power Sensor&PC

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 5 Unless otherwise a special operating condition is specified in the follows during the testing.

7.1.5 TEST RESULTS

NOTE: 1. Antenna B Power> Antenna A Power, Both antenna A and B have been test
2. 802.11a model cannot output Power at the same time.

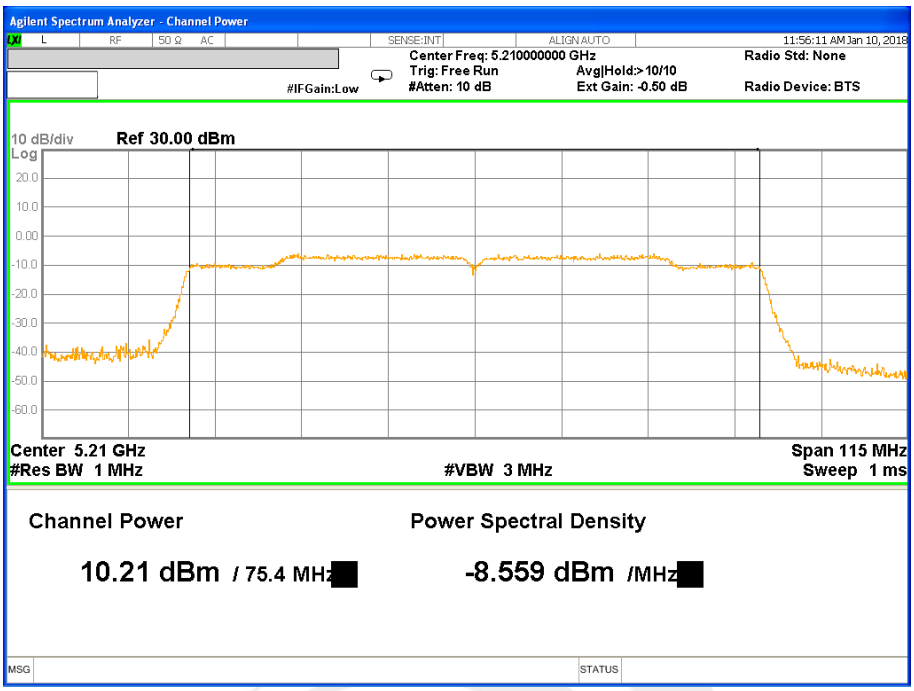
Band I (5.15-5.25GHz)

Band I (5.15-5.25GHz)								
Test Channel	Frequency (MHz)	PK Power B(dBm)	PK Power A(dBm)	PK Power Total(dBm)	AV Power (dBm)	AV Power A(dBm)	AV Power Total(dBm)	LIMIT (dBm)
802.11a								
36	5180	12.92	12.83	--	10.55	10.55	--	23.98
40	5200	13.72	13.32	--	12.01	11.36	--	23.98
48	5240	13.27	13.02	--	11.15	11.15	--	23.98
802.11n(HT20)								
36	5180	12.69	12.49	15.60	10.72	9.96	13.37	23.98
40	5200	13.74	13.32	16.55	11.77	11.74	14.77	23.98
48	5240	13.35	12.92	16.15	11.53	10.72	14.15	23.98
802.11n(HT40)								
38	5190	11.85	11.73	14.80	10.19	10.00	13.11	23.98
46	5230	11.47	11.42	14.46	9.62	9.29	12.47	23.98
802.11ac(HT20)								
36	5180	12.58	12.47	15.54	10.74	10.63	13.70	23.98
40	5200	13.72	13.31	16.53	11.57	11.65	14.62	23.98
48	5240	13.22	12.72	15.99	11.24	10.90	14.08	23.98
802.11ac(HT40)								
38	5190	11.76	11.54	14.66	9.32	9.25	12.30	23.98
46	5230	11.38	11.32	14.36	9.44	8.97	12.22	23.98
802.11ac(HT80)								
42	5210	10.21	10.09	13.16	8.65	8.11	11.40	23.98

Note:

1. For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed the lesser of 0.25 W.

802.11ac HT80(5210MHz)



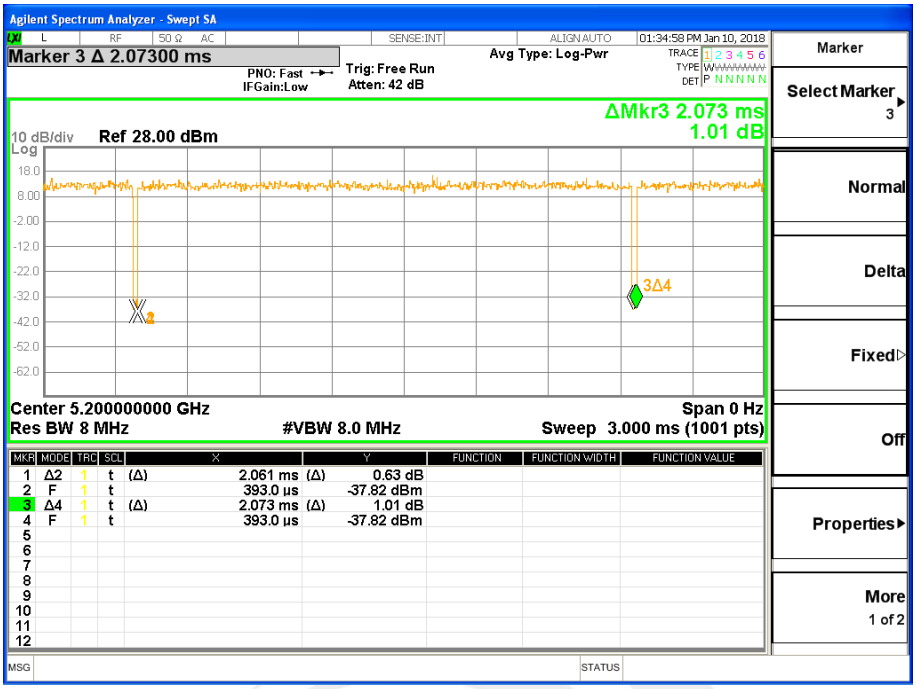
Duty cycle

TX 802.11a Mode					
Test Channel	Channel (MHz)	ON Time (msec)	Period (msec)	Duty cycle (%)	Duty cycle factor
40	5200	2.061	2.073	99.42	0.03
TX 802.11n(HT20) Mode					
Test Channel	Channel (MHz)	ON Time (msec)	Period (msec)	Duty cycle (%)	Duty cycle factor
40	5200	1.926	1.941	99.23	0.03
TX 802.11n(HT40) Mode					
Test Channel	Channel (MHz)	ON Time (msec)	Period (msec)	Duty cycle (%)	Duty cycle factor
46	5190	0.954	0.975	97.85	0.09
TX 802.11ac(HT20) Mode					
Test Channel	Channel (MHz)	ON Time (msec)	Period (msec)	Duty cycle (%)	Duty cycle factor
40	5200	1.926	1.941	99.23	0.03
TX 802.11ac(HT40) Mode					
Test Channel	Channel (MHz)	ON Time (msec)	Period (msec)	Duty cycle (%)	Duty cycle factor
46	5190	0.960	0.972	98.77	0.05
TX 802.11ac(HT80) Mode					
Test Channel	Channel (MHz)	ON Time (msec)	Period (msec)	Duty cycle (%)	Duty cycle factor
42	5210	0.440	0.462	95.24	0.21

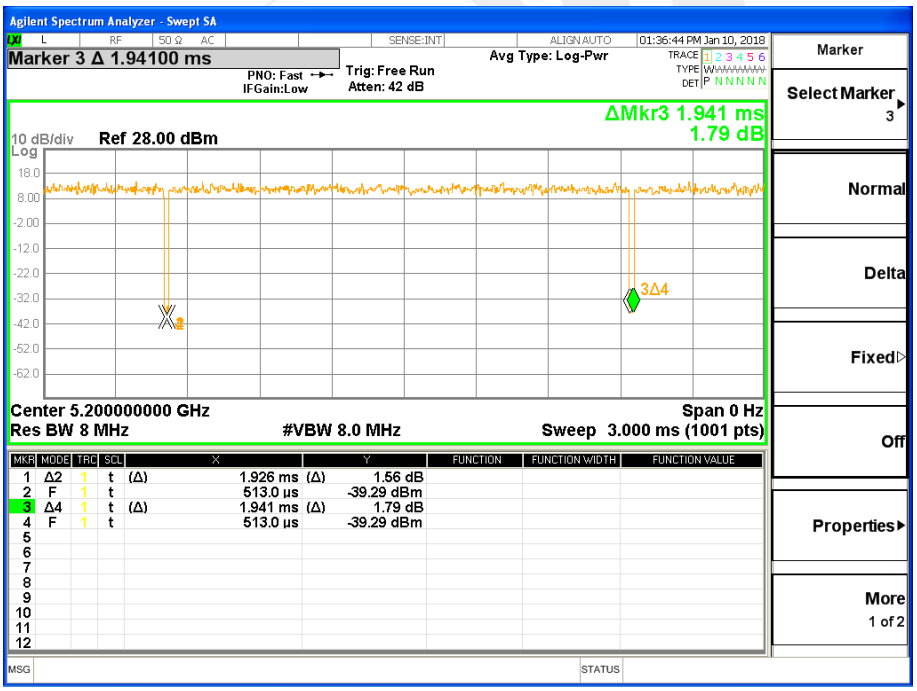
Note:

(1) Duty cycle factor =10*Log(1/ Duty cycle)

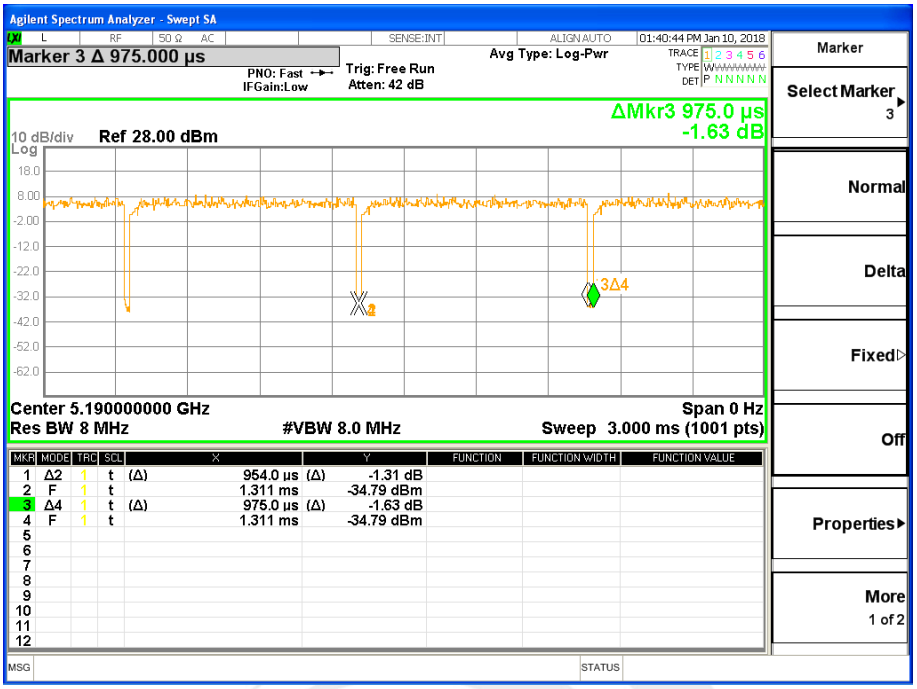
802.11a (5200MHz)



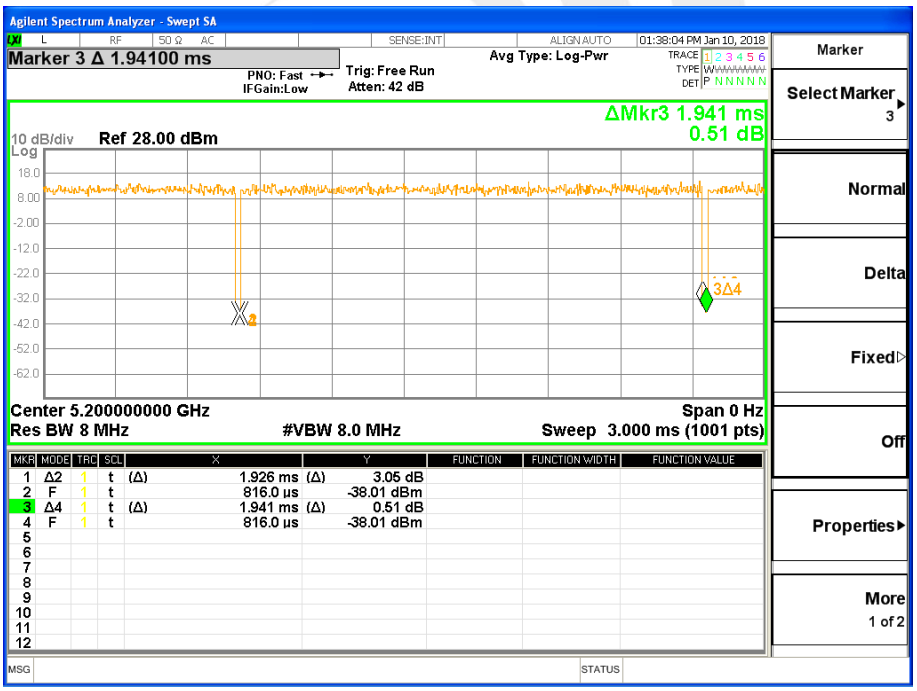
802.11n HT20 (5200MHz)



802.11n HT40 (5190MHz)

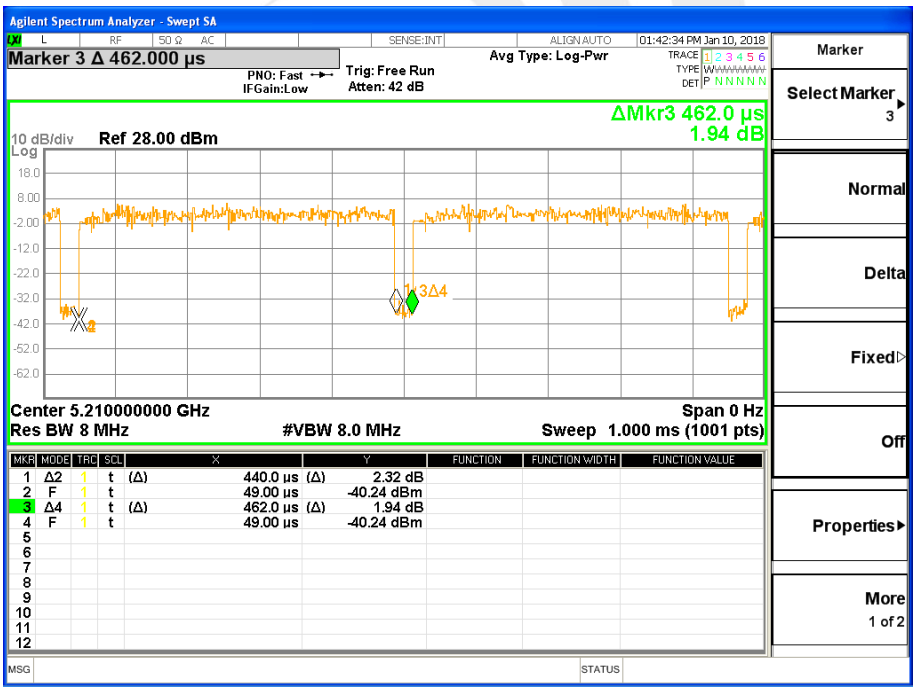


802.11ac HT20 (5200MHz)



802.11ac HT40 (5190MHz)

802.11ac HT80 (5210MHz)



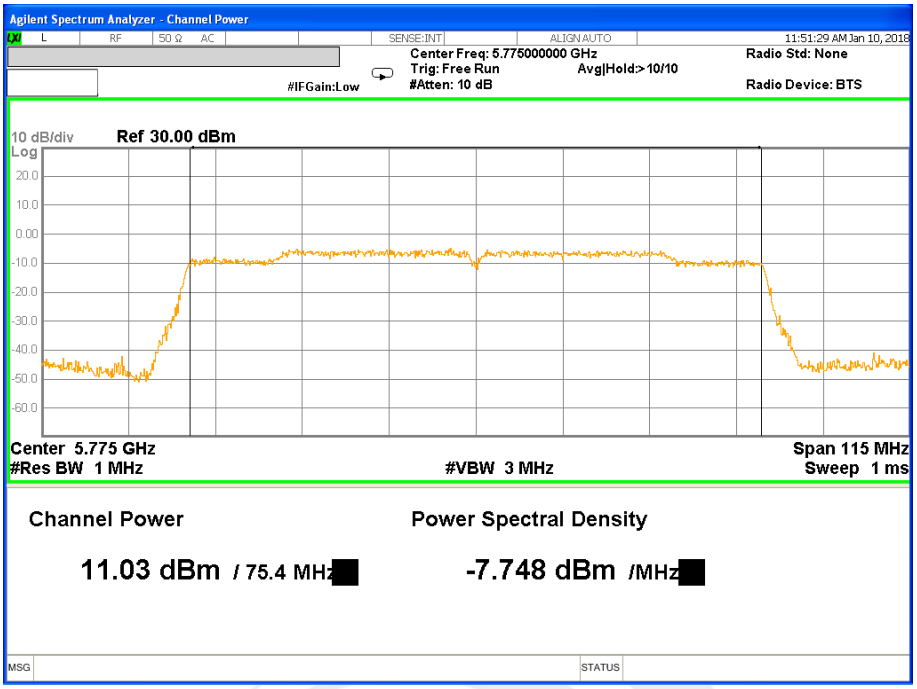
Band IV (5.725-5.85GHz)

Band IV (5.725-5.85GHz)								
Test Channel	Frequency (MHz)	PK Power A(dBm)	PK Power B(dBm)	PK Power Total(dBm)	AV Power (dBm)	AV Power B(dBm)	AV Power Total(dBm)	LIMIT (dBm)
802.11a								
149	5745	14.09	12.84	--	12.22	11.25	--	30
157	5785	14.38	13.16	--	12.50	11.01	--	30
165	5825	13.56	12.67	--	11.44	11.16	--	30
802.11n(HT20)								
149	5745	13.93	12.78	16.403	12.19	10.59	14.474	30
157	5785	13.96	13.09	16.557	12.17	11.37	14.799	30
165	5825	13.58	12.54	16.101	11.53	10.15	13.905	30
802.11n(HT40)								
151	5755	11.76	10.39	14.139	9.76	8.60	12.229	30
159	5795	11.65	10.47	14.110	9.74	8.73	12.275	30
802.11ac(HT20)								
149	5745	13.78	12.65	16.262	11.30	10.91	14.120	30
157	5785	13.82	12.94	16.413	12.22	11.42	14.849	30
165	5825	13.57	12.43	16.048	11.16	10.22	13.726	30
802.11ac(HT40)								
151	5755	11.62	10.23	13.991	9.97	8.45	12.286	30
159	5795	11.68	10.35	14.076	10.07	8.23	12.257	30
802.11ac(HT80)								
155	5775	11.03	9.54	13.359	9.45	8.02	11.804	30

Note:

1. For the band 5.745-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed the lesser of 1 W.

802.11ac HT80(5775MHz)



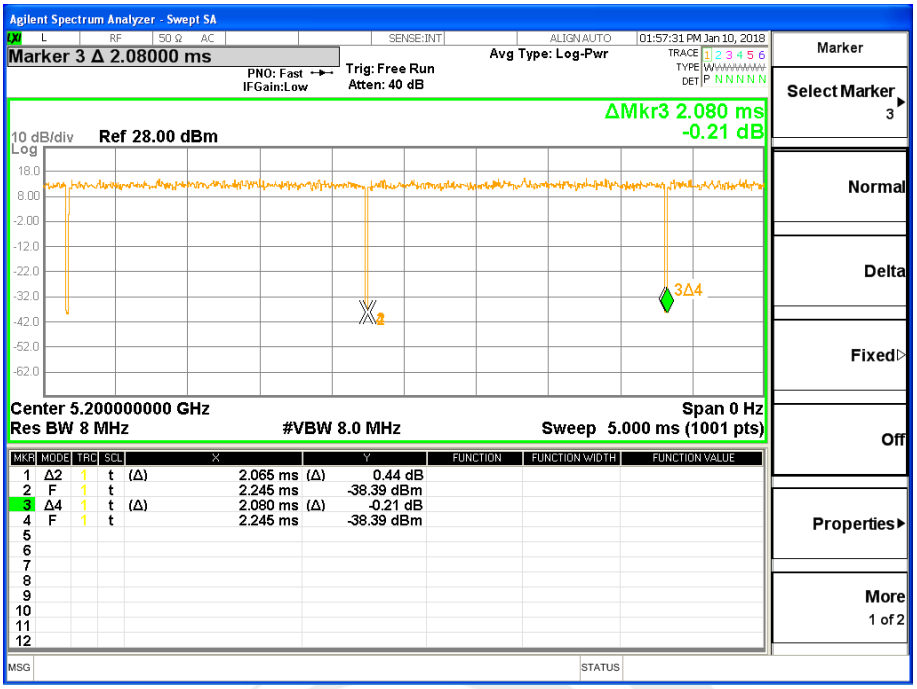
Duty cycle

TX 802.11a Mode					
Test Channel	Channel (MHz)	ON Time (msec)	Period (msec)	Duty cycle (%)	Duty cycle factor
157	5785	2.065	2.080	99.28	0.03
TX 802.11n(HT20) Mode					
Test Channel	Channel (MHz)	ON Time (msec)	Period (msec)	Duty cycle (%)	Duty cycle factor
157	5785	1.930	1.940	99.48	0.02
TX 802.11n(HT40) Mode					
Test Channel	Channel (MHz)	ON Time (msec)	Period (msec)	Duty cycle (%)	Duty cycle factor
159	5755	0.942	0.963	97.82	0.10
TX 802.11ac(HT20) Mode					
Test Channel	Channel (MHz)	ON Time (msec)	Period (msec)	Duty cycle (%)	Duty cycle factor
157	5785	1.930	1.945	99.23	0.03
TX 802.11ac(HT40) Mode					
Test Channel	Channel (MHz)	ON Time (msec)	Period (msec)	Duty cycle (%)	Duty cycle factor
159	5755	0.957	0.972	98.46	0.07
TX 802.11ac(HT80) Mode					
Test Channel	Channel (MHz)	ON Time (msec)	Period (msec)	Duty cycle (%)	Duty cycle factor
155	5775	0.442	0.464	95.26	0.21

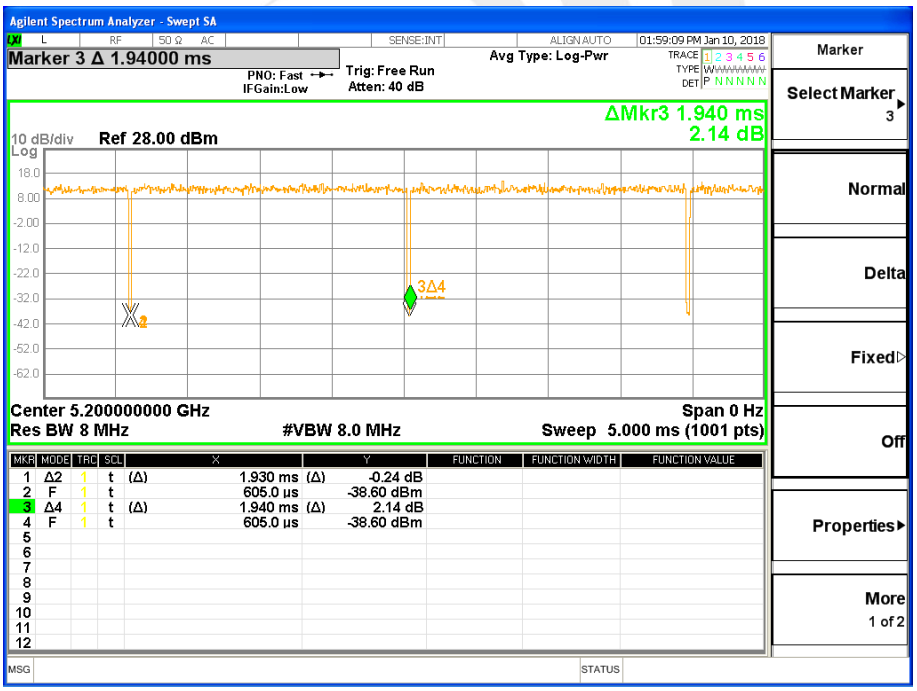
Note:

(1) Duty cycle factor =10*Log(1/ Duty cycle)

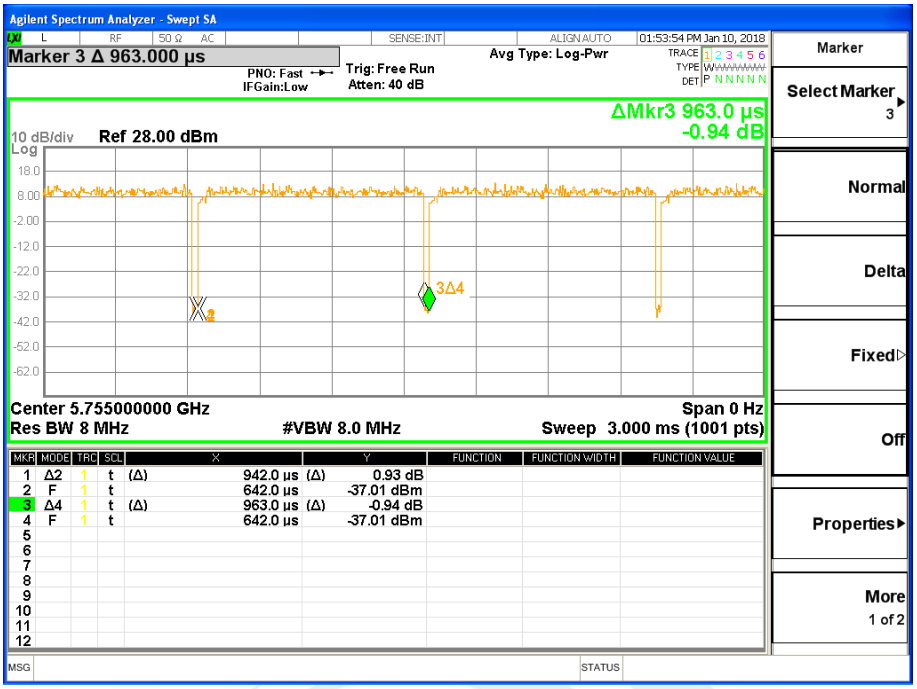
802.11a (5785MHz)



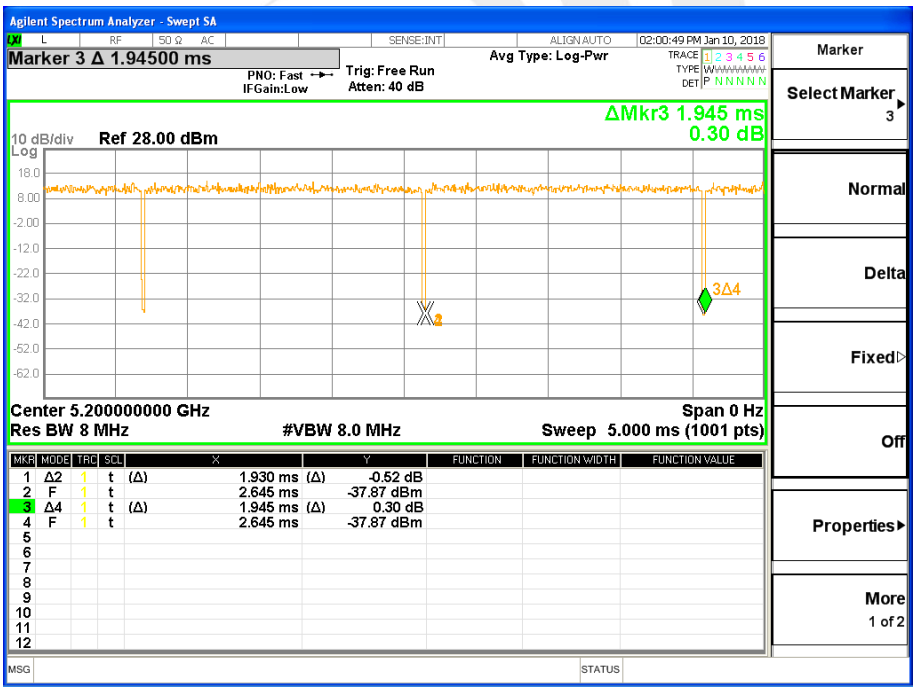
802.11n HT20 (5785MHz)



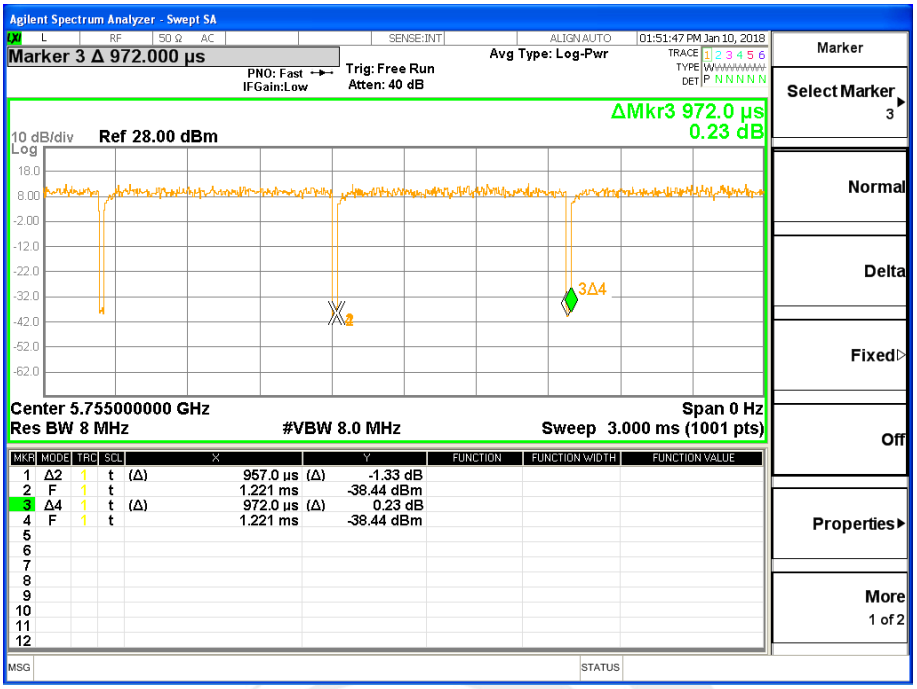
802.11n HT40 (5795MHz)



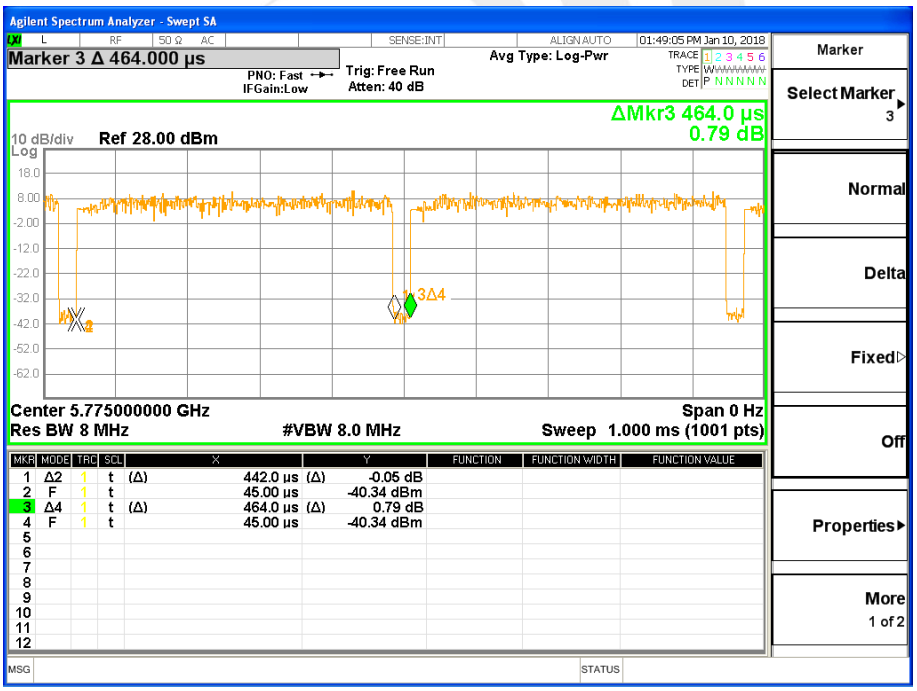
802.11ac HT20 (5785MHz)



802.11ac HT40 (5795MHz)



802.11ac HT80 (5775MHz)



8. AUTOMATICALLY DISCONTINUE TRANSMISSION

8.1 LIMIT OF AUTOMATICALLY DISCONTINUE TRANSMISSION

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

8.2 TEST RESULT OF AUTOMATICALLY DISCONTINUE TRANSMISSION

During no any information transmission, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission

9. ANTENNA REQUIREMENT

9.1 STANDARD REQUIREMENT

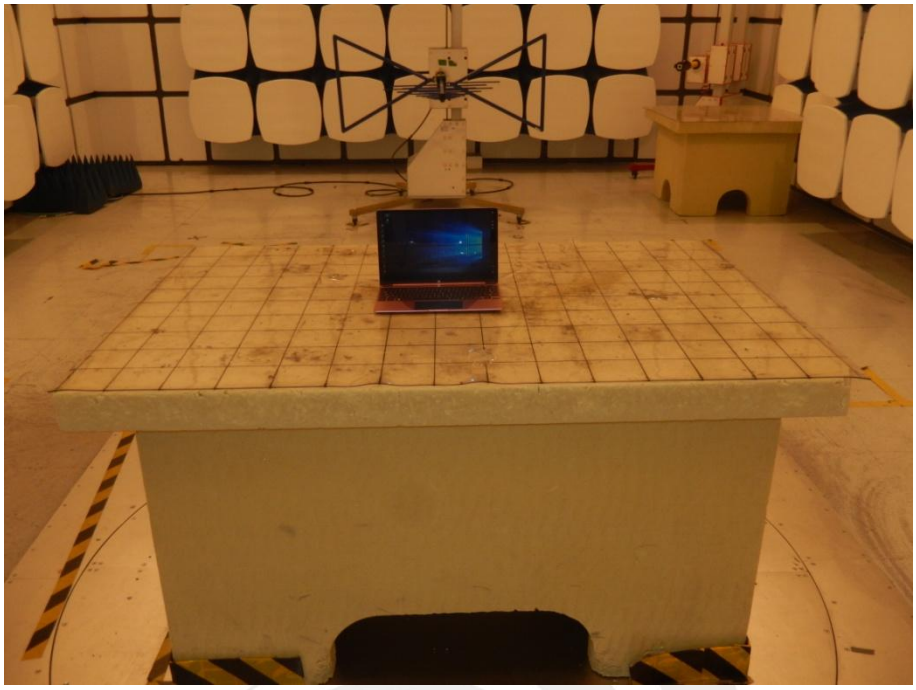
15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

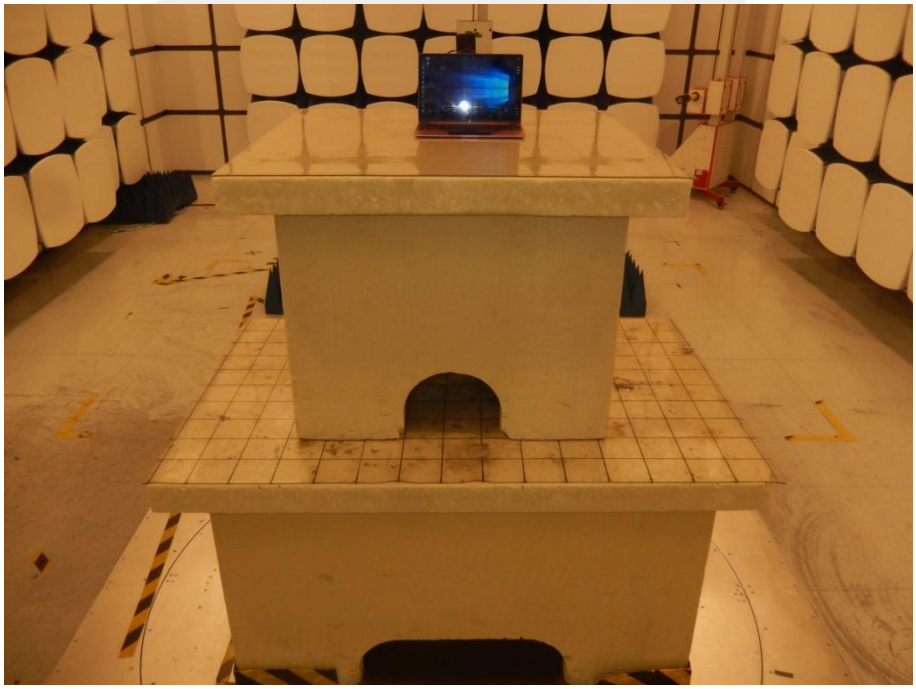
9.2 EUT ANTENNA

The EUT antenna is PIFA Antenna. It comply with the standard requirement.

APPENDIX - PHOTOS OF TEST SETUP

Radiated Measurement Photos





Conducted Measurement Photos

※※※※※END OF THE REPORT※※※※※