

FCC Test Report

Report No.: RF141218C16-1

FCC ID: 2AAD3JA0J0M0

Test Model: DXO ONE

Received Date: Dec. 18, 2014

Test Date: Feb. 17 ~ Feb. 24, 2015

Issued Date: Mar. 05, 2015

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A D T

Release Control Record

Issue No.	Description	Date Issued
RF141218C16-1	Original release	Mar. 05, 2015

1 Certificate of Conformity

Product: Digital Camera
Brand: DXO
Test Model: DXO ONE
Sample Status: Engineering sample
Applicant: ABILITY ENTERPRISE CO., LTD.
Test Date: Feb. 17 ~ Feb. 24, 2015
Standards: 47 CFR FCC Part 15, Subpart E (Section 15.407)
ANSI C63.10:2009

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

Prepared by : Celine Chou , **Date:** Mar. 05, 2015
Celine Chou / Specialist

Approved by : Ken Liu , **Date:** Mar. 05, 2015
Ken Liu / Senior Manager

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (SECTION 15.407)			
FCC Clause	Test Item	Result	Remarks
15.207 15.407(b)(6)	AC Power Conducted Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -6.19dB at 0.44034MHz.
15.407(b) (1/2/3/4/6)	Radiated Emissions & Band Edge Measurement	Pass	Meet the requirement of limit. Minimum passing margin is -2.4dB at 99.89MHz.
15.407(a)(1/2 /3)	Max Average Transmit Power	Pass	Meet the requirement of limit.
15.407(a)(1/2 /3)	Peak Power Spectral Density	Pass	Meet the requirement of limit.
15.407(g)	Frequency Stability	Pass	Meet the requirement of limit.
15.203	Antenna Requirement	Pass	Antenna connector is ipex not a standard connector.

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Frequency	Expanded Uncertainty (k=2) (±)
Conducted Emissions at mains ports	150kHz ~ 30MHz	2.44 dB
Radiated Emissions up to 1 GHz	30MHz ~ 200MHz	3.86 dB
	200MHz ~ 1000MHz	3.87 dB
Radiated Emissions above 1 GHz	1GHz ~ 18GHz	2.29 dB
	18GHz ~ 40GHz	2.29 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	Digital Camera
Brand	DXO
Test Model	DXO ONE
Status of EUT	Engineering sample
Power Supply Rating	5Vdc from adapter 3.7Vdc from battery
Modulation Type	64QAM, 16QAM, QPSK, BPSK
Modulation Technology	OFDM
Transfer Rate	802.11a: 54.0/ 48.0/ 36.0/ 24.0/ 18.0/ 12.0/ 9.0/ 6.0Mbps 802.11n: up to 65Mbps
Operating Frequency	5180 ~ 5240MHz, 5260 ~ 5320MHz, 5500 ~ 5700MHz
Number of Channel	5180 ~ 5240MHz: 4 for 802.11a, 802.11n (HT20) 2 for 802.11n (HT40) 5260 ~ 5320MHz: 4 for 802.11a, 802.11n (HT20) 2 for 802.11n (HT40) 5500 ~ 5700MHz: 8 for 802.11a, 802.11n (HT20) 3 for 802.11n (HT40)
Output Power	5180 ~ 5240MHz: 8.017mW 5260 ~ 5320MHz: 8.147mW 5500 ~ 5700MHz: 8.650mW
Antenna Type	Refer to note
Antenna Connector	Refer to note
Accessory Device	Adapter, Battery
Data Cable Supplied	1m shielded USB cable without core

Note:

- The EUT provides 1 completed transmitter and 1 receiver.

Modulation Mode	TX Function
802.11a	1TX
802.11n (HT20)	1TX
802.11n (HT40)	1TX

- The EUT with follow antennas gain is listed as table below.

Type	Connector	Gain(dBi)							
		5150	5250	5350	5450	5550	5725	5775	5825
PIFA	ipex	2.38	2.23	3.29	3.53	3.36	3.18	3.18	3.31

- The EUT doesn't operate in 5600 ~ 5650MHz via software controls.

4. The EUT consumes power from the following adapter and battery.

Adapter	
Brand	Technics-gp
Model	TS05M-2U050-0505US
Input Power	100-240Vac, 50/60Hz, Max.0.2A
Output Power	5Vdc, 1A

Battery	
Brand	FUJI
Model	FB17360
Rating	3.7Vdc, 750mAh

3.2 Description of Test Modes

FOR 5180 ~ 5240MHz

4 channels are provided for 802.11a, 802.11n (HT20):

Channel	Frequency	Channel	Frequency
36	5180 MHz	44	5220 MHz
40	5200 MHz	48	5240 MHz

2 channels are provided for 802.11n (HT40):

Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz

FOR 5260 ~ 5320MHz

4 channels are provided for 802.11a, 802.11n (HT20):

Channel	Frequency	Channel	Frequency
52	5260 MHz	60	5300 MHz
56	5280 MHz	64	5320 MHz

2 channels are provided for 802.11n (HT40):

Channel	Frequency	Channel	Frequency
54	5270 MHz	62	5310 MHz

FOR 5500 ~ 5700MHz

8 channels are provided for 802.11a, 802.11n (HT20):

Channel	Frequency	Channel	Frequency
100	5500 MHz	116	5580 MHz
104	5520 MHz	132	5660 MHz
108	5540 MHz	136	5680 MHz
112	5560 MHz	140	5700 MHz

3 channels are provided for 802.11n (HT40):

Channel	Frequency	Channel	Frequency
102	5510 MHz	134	5670 MHz
110	5550 MHz		

3.2.1 Test Mode Applicability and Tested Channel Detail

EUT CONFIGURE MODE	APPLICABLE TO				DESCRIPTION
	RE \geq 1G	RE $<$ 1G	PLC	APCM	
-	√	√	√	√	-

Where **RE \geq 1G**: Radiated Emission above 1GHz & Bandedge Measurement
RE $<$ 1G: Radiated Emission below 1GHz
PLC: Power Line Conducted Emission
APCM: Antenna Port Conducted Measurement

NOTE: The EUT had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **X-plane**.

Radiated Emission Test (Above 1GHz):

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- Following channel(s) was (were) selected for the final test as listed below.

EUT CONFIGURE MODE	MODE	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
-	802.11a	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6.0
-	802.11n (HT20)		36 to 48	36, 40, 48	OFDM	BPSK	6.5
-	802.11n (HT40)		38 to 46	38, 46	OFDM	BPSK	13.5
-	802.11a	5260-5320	52 to 64	52, 60, 64	OFDM	BPSK	6.0
-	802.11n (HT20)		52 to 64	52, 60, 64	OFDM	BPSK	6.5
-	802.11n (HT40)		54 to 62	54, 62	OFDM	BPSK	13.5
-	802.11a	5500-5700	100 to 140	100, 116, 140	OFDM	BPSK	6.0
-	802.11n (HT20)		100 to 140	100, 116, 140	OFDM	BPSK	6.5
-	802.11n (HT40)		102 to 134	102, 110, 134	OFDM	BPSK	13.5

Radiated Emission Test (Below 1GHz):

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- Following channel(s) was (were) selected for the final test as listed below.

EUT CONFIGURE MODE	MODE	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
-	802.11a	5180-5240	36 to 48	36	OFDM	BPSK	6.0
-	802.11a	5260-5320	52 to 64		OFDM	BPSK	6.0
-	802.11a	5500-5700	100 to 140		OFDM	BPSK	6.0

Power Line Conducted Emission Test:

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- Following channel(s) was (were) selected for the final test as listed below.

EUT CONFIGURE MODE	MODE	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
-	802.11a	5180-5240	36 to 48	36	OFDM	BPSK	6.0
-	802.11a	5260-5320	52 to 64		OFDM	BPSK	6.0
-	802.11a	5500-5700	100 to 140		OFDM	BPSK	6.0

Antenna Port Conducted Measurement:

- This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.
- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- Following channel(s) was (were) selected for the final test as listed below.

EUT CONFIGURE MODE	MODE	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
-	802.11a	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6.0
-	802.11n (HT20)		36 to 48	36, 40, 48	OFDM	BPSK	6.5
-	802.11n (HT40)		38 to 46	38, 46	OFDM	BPSK	13.5
-	802.11a	5260-5320	52 to 64	52, 60, 64	OFDM	BPSK	6.0
-	802.11n (HT20)		52 to 64	52, 60, 64	OFDM	BPSK	6.5
-	802.11n (HT40)		54 to 62	54, 62	OFDM	BPSK	13.5
-	802.11a	5500-5700	100 to 140	100, 116, 140	OFDM	BPSK	6.0
-	802.11n (HT20)		100 to 140	100, 116, 140	OFDM	BPSK	6.5
-	802.11n (HT40)		102 to 134	102, 110, 134	OFDM	BPSK	13.5

Test Condition:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	INPUT POWER	TESTED BY
RE \geq 1G	21deg. C, 69%RH	3.7Vdc	Jones Chang
RE $<$ 1G	18deg. C, 69%RH	3.7Vdc	Jones Chang
PLC	18deg. C, 70%RH	120Vac, 60Hz	Nick Hsu
APCM	25deg. C, 60%RH	3.7Vdc	Nick Hsu

3.3 Duty Cycle of Test Signal

Duty cycle of test signal is < 98 %, duty factor is required

802.11a: Duty cycle = $2.063/2.383 = 0.866$, Duty factor = $10 * \log(1/0.866) = 0.63$

802.11n (HT20): Duty cycle = $1.917/2.240 = 0.856$, Duty factor = $10 * \log(1/0.856) = 0.68$

802.11n (HT40): Duty cycle = $0.940/1.245 = 0.755$, Duty factor = $10 * \log(1/0.755) = 1.22$

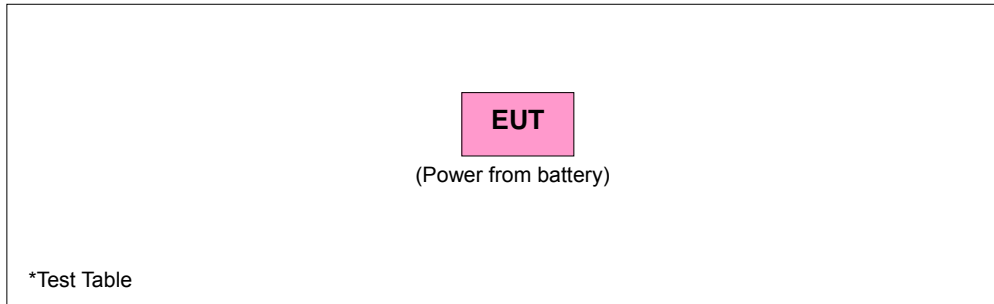


3.4 Description of Support Units

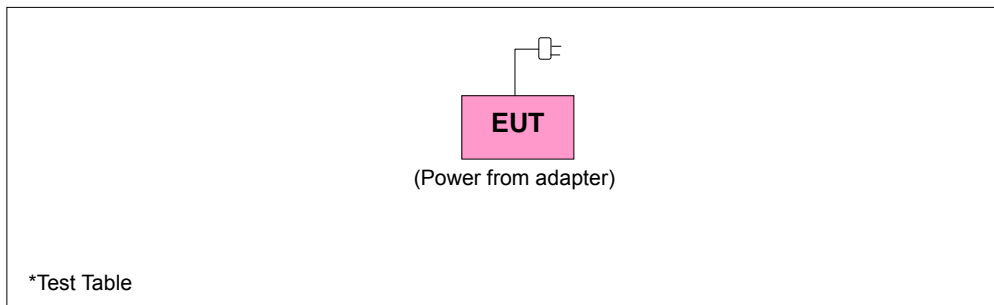
The EUT has been tested as an independent unit.

3.4.1 Configuration of System under Test

For radiated emission test



For power line conducted emission test



3.5 General Description of Applied Standards

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC Part 15, Subpart E (15.407)

789033 D02 General UNII Test Procedures New Rules v01

ANSI C63.10-2009

All test items have been performed and recorded as per the above standards.

NOTE: The EUT is also considered as a kind of computer peripheral, because the connection to computer is necessary for typical use. It has been verified to comply with the requirements of FCC Part 15, Subpart B, Class B (DoC). The test report has been issued separately.

4 Test Types and Results

4.1 Radiated Emission and Bandedge Measurement

4.1.1 Limits of Radiated Emission and Bandedge Measurement

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 20dB below the highest level of the desired power:

Frequencies (MHz)	Field Strength (microvolts/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

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

APPLICABLE TO	LIMIT	
789033 D02 General UNII Test Procedures New Rules v01	FIELD STRENGTH AT 3m	
	PK:74 (dBµV/m)	AV:54 (dBµV/m)
APPLICABLE TO	EIRP LIMIT	EQUIVALENT FIELD STRENGTH AT 3m
15.407(b)(1)	PK:-27 (dBm/MHz)	PK:68.2(dBµV/m)
15.407(b)(2)		
15.407(b)(3)		
15.407(b)(4)	PK:-27 (dBm/MHz) ^{*1} PK:-17 (dBm/MHz) ^{*2}	PK: 68.2(dBµV/m) ^{*1} PK:78.2 (dBµV/m) ^{*2}

NOTE: ^{*1} beyond 10MHz of the band edge ^{*2} within 10 MHz of band edge

The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000 \sqrt{30P}}{3} \mu\text{V/m, where P is the eirp (Watts).}$$

4.1.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Date Of Calibration	Due Date Of Calibration
Test Receiver ROHDE & SCHWARZ	ESCI	100424	Oct. 06, 2014	Oct. 05, 2015
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100039	Mar. 03, 2014	Mar. 02, 2015
BILOG Antenna SCHWARZBECK	VULB9168	9168-160	Feb. 05, 2015	Feb. 04, 2016
HORN Antenna SCHWARZBECK	9120D	209	Feb. 09, 2015	Feb. 08, 2016
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA9170241	Feb. 09, 2015	Feb. 08, 2016
Preamplifier Agilent	8447D	2944A10738	Oct.18, 2014	Oct. 17, 2015
Preamplifier Agilent	8449B	3008A01964	Aug. 22, 2014	Aug. 21, 2015
RF signal cable HUBER+SUHNNER	SUCOFLEX 104	214378/4	Aug. 22, 2014	Aug. 21, 2015
RF signal cable HUBER+SUHNNER	SUCOFLEX 106	12738/6 +309224/4	Aug. 22, 2014	Aug. 21, 2015
Software BV ADT	ADT_Radiated_ V7.6.15.9.4	NA	NA	NA
Antenna Tower inn-co GmbH	MA 4000	013303	NA	NA
Antenna Tower Controller inn-co GmbH	CO2000	017303	NA	NA
Turn Table BV ADT	TT100	TT93021703	NA	NA
Turn Table Controller BV ADT	SC100	SC93021703	NA	NA
High Speed Peak Power Meter	ML2495A	0824011	Jul. 26, 2014	Jul. 25, 2015
Power Sensor	MA2411B	0738171	Jul. 26, 2014	Jul. 25, 2015
WIT Standard Temperature And Humidity Chamber	TH-4S-C	W981030	Jun. 09, 2014	Jun. 08, 2015

- NOTE:**
1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 2. The test was performed in HwaYa Chamber 3.
 3. The horn antenna and HP preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
 4. The FCC Site Registration No. is 988962.
 5. The IC Site Registration No. is IC 7450F-3.

4.1.3 Test Procedures

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- f. The test-receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

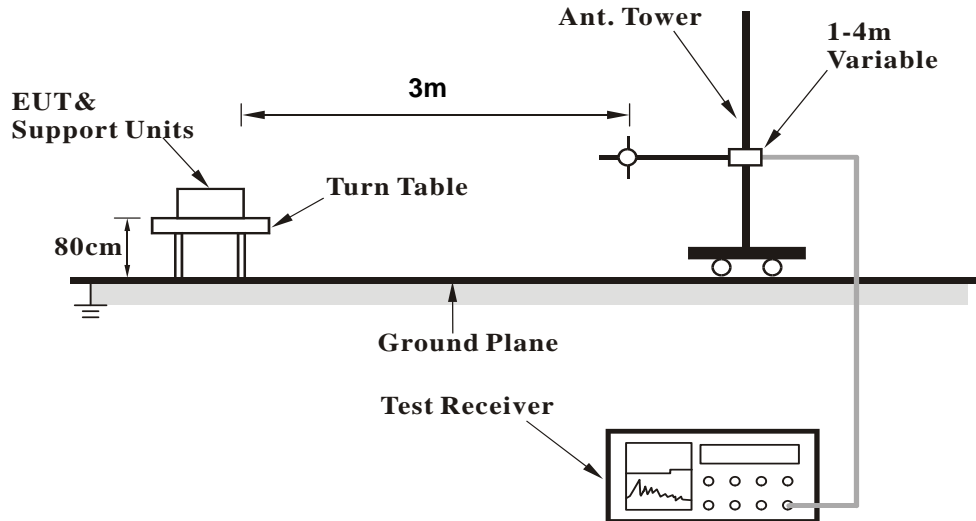
1. For emission measurements above 1 GHz, the EUT shall be placed at a height of 1.5 m above the ground at 3 meter chamber room for test.
2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for RMS Average (Duty cycle < 98%) for Average detection (AV) at frequency above 1GHz, then the measurement results was added to a correction factor ($10 \log(1/\text{duty cycle})$).
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.
6. All modes of operation were investigated and the worst-case emissions are reported.

4.1.4 Deviation from Test Standard

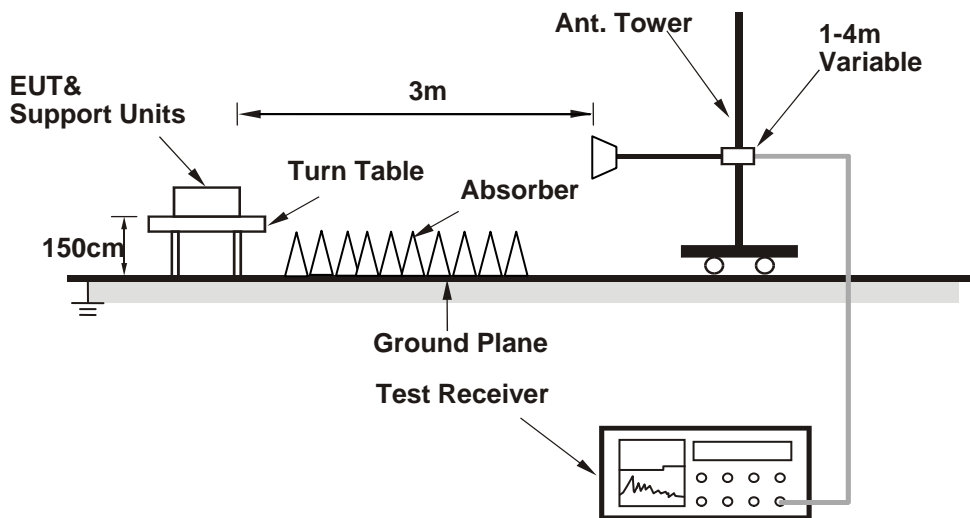
No deviation.

4.1.5 Test Set Up

<Frequency Range below 1GHz>



<Frequency Range above 1GHz>



For the actual test configuration, please refer to the attached file (Test Setup Photo)

4.1.6 EUT Operating Conditions

Set the EUT under transmission condition continuously at specific channel frequency.

4.1.7 Test Results

Above 1GHz Data

802.11a

CHANNEL	TX Channel 36	DETECTOR	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz	FUNCTION	Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	58.0 PK	74.0	-16.0	2.06 H	148	52.00	6.00
2	5150.00	46.8 AV	54.0	-7.2	2.06 H	148	40.80	6.00
3	*5180.00	96.3 PK			2.06 H	148	56.80	39.50
4	*5180.00	84.4 AV			2.06 H	148	44.90	39.50
5	#10360.00	60.4 PK	74.0	-13.6	2.10 H	313	42.00	18.40
6	#10360.00	47.5 AV	54.0	-6.5	2.10 H	313	29.10	18.40

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	59.8 PK	74.0	-14.2	1.78 V	170	53.80	6.00
2	5150.00	48.5 AV	54.0	-5.5	1.78 V	170	42.50	6.00
3	*5180.00	102.7 PK			1.78 V	169	63.20	39.50
4	*5180.00	91.0 AV			1.78 V	169	51.50	39.50
5	#10360.00	60.5 PK	74.0	-13.5	1.64 V	56	42.10	18.40
6	#10360.00	47.8 AV	54.0	-6.2	1.64 V	56	29.40	18.40

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	97.8 PK			2.25 H	280	58.20	39.60
2	*5200.00	85.5 AV			2.25 H	280	45.90	39.60
3	#10400.00	60.1 PK	74.0	-13.9	1.71 H	105	41.60	18.50
4	#10400.00	47.2 AV	54.0	-6.8	1.71 H	105	28.70	18.50

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	102.7 PK			1.50 V	175	63.10	39.60
2	*5200.00	91.2 AV			1.50 V	175	51.60	39.60
3	#10400.00	59.9 PK	74.0	-14.1	1.68 V	223	41.40	18.50
4	#10400.00	46.9 AV	54.0	-7.1	1.68 V	223	28.40	18.50

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	97.6 PK			1.96 H	148	58.00	39.60
2	*5240.00	85.7 AV			1.96 H	148	46.10	39.60
3	5350.00	58.4 PK	74.0	-15.6	2.01 H	150	52.30	6.10
4	5350.00	46.9 AV	54.0	-7.1	2.01 H	150	40.80	6.10
5	#10480.00	60.9 PK	74.0	-13.1	1.68 H	234	41.90	19.00
6	#10480.00	47.8 AV	54.0	-6.2	1.68 H	234	28.80	19.00

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	101.3 PK			1.82 V	175	61.70	39.60
2	*5240.00	90.1 AV			1.82 V	175	50.50	39.60
3	5350.00	60.2 PK	74.0	-13.8	1.90 V	177	54.10	6.10
4	5350.00	48.3 AV	54.0	-5.7	1.90 V	177	42.20	6.10
5	#10480.00	61.2 PK	74.0	-12.8	2.01 V	188	42.20	19.00
6	#10480.00	48.0 AV	54.0	-6.0	2.01 V	188	29.00	19.00

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	58.7 PK	74.0	-15.3	1.88 H	142	52.70	6.00
2	5150.00	47.8 AV	54.0	-6.2	1.88 H	142	41.80	6.00
3	*5260.00	96.4 PK			1.96 H	141	56.70	39.70
4	*5260.00	84.9 AV			1.96 H	141	45.20	39.70
5	#10520.00	61.2 PK	74.0	-12.8	1.70 H	125	42.00	19.20
6	#10520.00	48.0 AV	54.0	-6.0	1.70 H	125	28.80	19.20
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	58.0 PK	74.0	-16.0	1.73 V	172	52.00	6.00
2	5150.00	46.6 AV	54.0	-7.4	1.73 V	172	40.60	6.00
3	*5260.00	101.5 PK			1.73 V	172	61.80	39.70
4	*5260.00	91.3 AV			1.73 V	172	51.60	39.70
5	#10520.00	61.7 PK	74.0	-12.3	1.68 V	199	42.50	19.20
6	#10520.00	48.5 AV	54.0	-5.5	1.68 V	199	29.30	19.20

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	96.5 PK			1.84 H	153	56.80	39.70
2	*5300.00	85.4 AV			1.84 H	153	45.70	39.70
3	10600.00	60.7 PK	74.0	-13.3	1.95 H	167	41.60	19.10
4	10600.00	47.5 AV	54.0	-6.5	1.95 H	167	28.40	19.10

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	100.8 PK			1.77 V	161	61.10	39.70
2	*5300.00	89.4 AV			1.77 V	161	49.70	39.70
3	10600.00	61.6 PK	74.0	-12.4	1.80 V	60	42.50	19.10
4	10600.00	48.4 AV	54.0	-5.6	1.80 V	60	29.30	19.10

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	97.2 PK			1.95 H	153	57.50	39.70
2	*5320.00	85.8 AV			1.95 H	153	46.10	39.70
3	5350.00	57.9 PK	74.0	-16.1	1.90 H	210	51.80	6.10
4	5350.00	47.0 AV	54.0	-7.0	1.90 H	210	40.90	6.10
5	10640.00	60.5 PK	74.0	-13.5	1.81 H	136	41.60	18.90
6	10640.00	47.2 AV	54.0	-6.8	1.81 H	136	28.30	18.90

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	68.6 PK			1.89 V	161	62.50	6.10
2	*5320.00	56.8 AV			1.89 V	161	50.70	6.10
3	5350.00	58.1 PK	74.0	-15.9	2.06 V	163	52.00	6.10
4	5350.00	47.1 AV	54.0	-6.9	2.06 V	163	41.00	6.10
5	10640.00	61.0 PK	74.0	-13.0	1.88 V	161	42.10	18.90
6	10640.00	48.1 AV	54.0	-5.9	1.88 V	161	29.20	18.90

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	55.6 PK	74.0	-18.4	1.58 H	206	49.20	6.40
2	5460.00	44.1 AV	54.0	-9.9	1.58 H	206	37.70	6.40
3	#5470.00	57.7 PK	74.0	-16.3	1.73 H	195	51.30	6.40
4	#5470.00	44.3 AV	54.0	-9.7	1.73 H	195	37.90	6.40
5	*5500.00	98.6 PK			1.93 H	212	58.60	40.00
6	*5500.00	85.0 AV			1.93 H	212	45.00	40.00
7	11000.00	60.1 PK	74.0	-13.9	1.65 H	119	40.50	19.60
8	11000.00	46.0 AV	54.0	-8.0	1.65 H	119	26.40	19.60

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	58.9 PK	74.0	-15.1	1.74 V	129	52.50	6.40
2	5460.00	44.9 AV	54.0	-9.1	1.74 V	129	38.50	6.40
3	#5470.00	60.5 PK	74.0	-13.5	1.63 V	151	54.10	6.40
4	#5470.00	45.1 AV	54.0	-8.9	1.63 V	151	38.70	6.40
5	*5500.00	102.5 PK			1.72 V	156	62.50	40.00
6	*5500.00	91.6 AV			1.72 V	156	51.60	40.00
7	11000.00	59.3 PK	74.0	-14.7	1.46 V	205	39.70	19.60
8	11000.00	46.1 AV	54.0	-7.9	1.46 V	205	26.50	19.60

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	97.1 PK			2.31 H	285	57.00	40.10
2	*5580.00	85.4 AV			2.31 H	285	45.30	40.10
3	11160.00	58.1 PK	74.0	-15.9	1.56 H	141	38.90	19.20
4	11160.00	44.9 AV	54.0	-9.1	1.56 H	141	25.70	19.20

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	102.8 PK			1.79 V	154	62.70	40.10
2	*5580.00	91.3 AV			1.79 V	154	51.20	40.10
3	11160.00	58.1 PK	74.0	-15.9	1.66 V	83	38.90	19.20
4	11160.00	44.8 AV	54.0	-9.2	1.66 V	83	25.60	19.20

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	95.5 PK			1.01 H	220	55.20	40.30
2	*5700.00	86.2 AV			1.01 H	220	45.90	40.30
3	#5725.00	57.0 PK	74.0	-17.0	1.23 H	121	50.20	6.80
4	#5725.00	44.4 AV	54.0	-9.6	1.23 H	121	37.60	6.80
5	11400.00	59.2 PK	74.0	-14.8	1.42 H	97	40.70	18.50
6	11400.00	46.1 AV	54.0	-7.9	1.42 H	97	27.60	18.50

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	99.0 PK			1.08 V	176	58.70	40.30
2	*5700.00	88.8 AV			1.08 V	176	48.50	40.30
3	#5725.00	58.9 PK	74.0	-15.1	1.33 V	167	52.10	6.80
4	#5725.00	44.8 AV	54.0	-9.2	1.33 V	167	38.00	6.80
5	11400.00	59.1 PK	74.0	-14.9	1.64 V	267	40.60	18.50
6	11400.00	46.4 AV	54.0	-7.6	1.64 V	267	27.90	18.50

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11n (HT20)

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	58.5 PK	74.0	-15.5	2.02 H	190	52.50	6.00
2	5150.00	47.3 AV	54.0	-6.7	2.02 H	190	41.30	6.00
3	*5180.00	98.0 PK			2.02 H	151	58.50	39.50
4	*5180.00	88.6 AV			2.02 H	151	49.10	39.50
5	#10360.00	60.3 PK	74.0	-13.7	1.82 H	222	41.90	18.40
6	#10360.00	47.0 AV	54.0	-7.0	1.82 H	222	28.60	18.40
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	58.7 PK	74.0	-15.3	1.67 V	60	52.70	6.00
2	5150.00	47.4 AV	54.0	-6.6	1.67 V	60	41.40	6.00
3	*5180.00	102.7 PK			1.74 V	40	63.20	39.50
4	*5180.00	92.6 AV			1.74 V	40	53.10	39.50
5	#10360.00	60.8 PK	74.0	-13.2	1.81 V	177	42.40	18.40
6	#10360.00	47.7 AV	54.0	-6.3	1.81 V	177	29.30	18.40

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	99.2 PK			2.17 H	147	59.60	39.60
2	*5200.00	89.1 AV			2.17 H	147	49.50	39.60
3	#10400.00	60.0 PK	74.0	-14.0	2.02 H	189	41.50	18.50
4	#10400.00	47.2 AV	54.0	-6.8	2.02 H	189	28.70	18.50

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	101.8 PK			1.91 V	22	62.20	39.60
2	*5200.00	91.2 AV			1.91 V	22	51.60	39.60
3	#10400.00	60.7 PK	74.0	-13.3	1.89 V	149	42.20	18.50
4	#10400.00	47.4 AV	54.0	-6.6	1.89 V	149	28.90	18.50

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	97.6 PK			1.95 H	150	58.00	39.60
2	*5240.00	88.0 AV			1.95 H	150	48.40	39.60
3	5350.00	56.9 PK	74.0	-17.1	1.92 H	144	50.80	6.10
4	5350.00	46.0 AV	54.0	-8.0	1.92 H	144	39.90	6.10
5	#10480.00	60.6 PK	74.0	-13.4	2.02 H	167	41.60	19.00
6	#10480.00	47.5 AV	54.0	-6.5	2.02 H	167	28.50	19.00
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	102.8 PK			1.85 V	176	63.20	39.60
2	*5240.00	93.4 AV			1.85 V	176	53.80	39.60
3	5350.00	58.9 PK	74.0	-15.1	1.80 V	33	52.80	6.10
4	5350.00	47.9 AV	54.0	-6.1	1.80 V	33	41.80	6.10
5	#10480.00	61.1 PK	74.0	-12.9	1.70 V	123	42.10	19.00
6	#10480.00	48.0 AV	54.0	-6.0	1.70 V	123	29.00	19.00

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	56.3 PK	74.0	-17.7	1.73 H	280	50.30	6.00
2	5150.00	43.6 AV	54.0	-10.4	1.73 H	280	37.60	6.00
3	*5260.00	96.5 PK			1.64 H	273	56.80	39.70
4	*5260.00	87.7 AV			1.64 H	273	48.00	39.70
5	#10520.00	59.9 PK	74.0	-14.1	1.44 H	252	40.70	19.20
6	#10520.00	47.0 AV	54.0	-7.0	1.44 H	252	27.80	19.20

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	57.7 PK	74.0	-16.3	1.55 V	46	51.70	6.00
2	5150.00	44.1 AV	54.0	-9.9	1.55 V	46	38.10	6.00
3	*5260.00	101.2 PK			1.29 V	30	61.50	39.70
4	*5260.00	91.1 AV			1.29 V	30	51.40	39.70
5	#10520.00	59.5 PK	74.0	-14.5	1.45 V	82	40.30	19.20
6	#10520.00	47.0 AV	54.0	-7.0	1.45 V	82	27.80	19.20

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	95.7 PK			1.48 H	269	56.00	39.70
2	*5300.00	87.0 AV			1.48 H	269	47.30	39.70
3	10600.00	59.6 PK	74.0	-14.4	1.61 H	194	40.50	19.10
4	10600.00	46.4 AV	54.0	-7.6	1.61 H	194	27.30	19.10

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	105.0 PK			1.40 V	174	65.30	39.70
2	*5300.00	95.3 AV			1.40 V	174	55.60	39.70
3	10600.00	59.3 PK	74.0	-14.7	1.53 V	100	40.20	19.10
4	10600.00	46.3 AV	54.0	-7.7	1.53 V	100	27.20	19.10

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	95.1 PK			1.66 H	261	55.40	39.70
2	*5320.00	85.5 AV			1.66 H	261	45.80	39.70
3	5350.00	57.1 PK	74.0	-16.9	1.53 H	236	51.00	6.10
4	5350.00	43.9 AV	54.0	-10.1	1.53 H	236	37.80	6.10
5	10640.00	59.4 PK	74.0	-14.6	1.43 H	187	40.50	18.90
6	10640.00	46.0 AV	54.0	-8.0	1.43 H	187	27.10	18.90

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	105.8 PK			1.78 V	167	66.10	39.70
2	*5320.00	95.3 AV			1.78 V	167	55.60	39.70
3	5350.00	59.1 PK	74.0	-14.9	1.16 V	151	53.00	6.10
4	5350.00	45.4 AV	54.0	-8.6	1.16 V	151	39.30	6.10
5	10640.00	59.6 PK	74.0	-14.4	1.35 V	174	40.70	18.90
6	10640.00	47.2 AV	54.0	-6.8	1.35 V	174	28.30	18.90

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	56.4 PK	74.0	-17.6	1.50 H	211	50.00	6.40
2	5460.00	44.0 AV	54.0	-10.0	1.50 H	211	37.60	6.40
3	#5470.00	58.8 PK	74.0	-15.2	1.63 H	246	52.40	6.40
4	#5470.00	45.1 AV	54.0	-8.9	1.63 H	246	38.70	6.40
5	*5500.00	96.4 PK			1.66 H	258	56.40	40.00
6	*5500.00	87.5 AV			1.66 H	258	47.50	40.00
7	11000.00	59.0 PK	74.0	-15.0	1.68 H	76	39.40	19.60
8	11000.00	45.8 AV	54.0	-8.2	1.68 H	76	26.20	19.60

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	60.4 PK	74.0	-13.6	1.72 V	181	54.00	6.40
2	5460.00	45.9 AV	54.0	-8.1	1.72 V	181	39.50	6.40
3	#5470.00	63.1 PK	74.0	-10.9	1.77 V	168	56.70	6.40
4	#5470.00	47.5 AV	54.0	-6.5	1.77 V	168	41.10	6.40
5	*5500.00	106.4 PK			1.71 V	173	66.40	40.00
6	*5500.00	96.5 AV			1.71 V	173	56.50	40.00
7	11000.00	59.6 PK	74.0	-14.4	1.63 V	94	40.00	19.60
8	11000.00	45.9 AV	54.0	-8.1	1.63 V	94	26.30	19.60

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	99.4 PK			1.81 H	285	59.30	40.10
2	*5580.00	90.1 AV			1.81 H	285	50.00	40.10
3	11160.00	58.1 PK	74.0	-15.9	1.71 H	216	38.90	19.20
4	11160.00	44.9 AV	54.0	-9.1	1.71 H	216	25.70	19.20

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	104.9 PK			1.59 V	168	64.80	40.10
2	*5580.00	96.2 AV			1.59 V	168	56.10	40.10
3	11160.00	58.3 PK	74.0	-15.7	1.39 V	211	39.10	19.20
4	11160.00	45.3 AV	54.0	-8.7	1.39 V	211	26.10	19.20

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	100.5 PK			1.75 H	214	60.20	40.30
2	*5700.00	90.4 AV			1.75 H	214	50.10	40.30
3	#5725.00	60.0 PK	74.0	-14.0	1.56 H	209	53.20	6.80
4	#5725.00	48.4 AV	54.0	-5.6	1.56 H	209	41.60	6.80
5	11400.00	58.7 PK	74.0	-15.3	1.38 H	91	40.20	18.50
6	11400.00	45.6 AV	54.0	-8.4	1.38 H	91	27.10	18.50

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	104.6 PK			1.51 V	155	64.30	40.30
2	*5700.00	94.2 AV			1.51 V	155	53.90	40.30
3	#5725.00	64.6 PK	74.0	-9.4	1.62 V	149	57.80	6.80
4	#5725.00	49.0 AV	54.0	-5.0	1.62 V	149	42.20	6.80
5	11400.00	59.2 PK	74.0	-14.8	1.56 V	69	40.70	18.50
6	11400.00	45.6 AV	54.0	-8.4	1.56 V	69	27.10	18.50

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11n (HT40)

CHANNEL	TX Channel 38	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	57.5 PK	74.0	-16.5	2.00 H	147	51.50	6.00
2	5150.00	46.0 AV	54.0	-8.0	2.00 H	147	40.00	6.00
3	*5190.00	91.8 PK			2.00 H	150	52.30	39.50
4	*5190.00	81.9 AV			2.00 H	150	42.40	39.50
5	#10380.00	60.1 PK	74.0	-13.9	2.06 H	170	41.60	18.50
6	#10380.00	46.9 AV	54.0	-7.1	2.06 H	170	28.40	18.50
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	56.9 PK	74.0	-17.1	1.80 V	24	50.90	6.00
2	5150.00	46.7 AV	54.0	-7.3	1.80 V	24	40.70	6.00
3	*5190.00	97.0 PK			1.78 V	172	57.50	39.50
4	*5190.00	86.7 AV			1.78 V	172	47.20	39.50
5	#10380.00	60.3 PK	74.0	-13.7	1.69 V	168	41.80	18.50
6	#10380.00	47.2 AV	54.0	-6.8	1.69 V	168	28.70	18.50

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 46	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5230.00	92.5 PK			2.10 H	149	52.90	39.60
2	*5230.00	82.3 AV			2.10 H	149	42.70	39.60
3	5350.00	56.2 PK	74.0	-17.8	2.02 H	175	50.10	6.10
4	5350.00	45.0 AV	54.0	-9.0	2.02 H	175	38.90	6.10
5	#10460.00	60.4 PK	74.0	-13.6	1.91 H	143	41.50	18.90
6	#10460.00	47.2 AV	54.0	-6.8	1.91 H	143	28.30	18.90
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5230.00	96.3 PK			1.76 V	152	56.70	39.60
2	*5230.00	86.3 AV			1.76 V	152	46.70	39.60
3	5350.00	56.9 PK	74.0	-17.1	1.76 V	155	50.80	6.10
4	5350.00	45.4 AV	54.0	-8.6	1.76 V	155	39.30	6.10
5	#10460.00	60.4 PK	74.0	-13.6	1.87 V	19	41.50	18.90
6	#10460.00	47.4 AV	54.0	-6.6	1.87 V	19	28.50	18.90

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 54	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	56.0 PK	74.0	-18.0	1.38 H	182	50.00	6.00
2	5150.00	43.8 AV	54.0	-10.2	1.38 H	182	37.80	6.00
3	*5270.00	91.1 PK			1.54 H	217	51.40	39.70
4	*5270.00	81.0 AV			1.54 H	217	41.30	39.70
5	#10540.00	60.0 PK	74.0	-14.0	1.44 H	289	40.80	19.20
6	#10540.00	47.1 AV	54.0	-6.9	1.44 H	289	27.90	19.20

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5270.00	99.2 PK			1.81 V	174	59.50	39.70
2	*5270.00	56.5 PK			1.61 V	60	50.40	6.10
3	*5270.00	89.4 AV			1.81 V	174	49.70	39.70
4	*5270.00	43.8 AV			1.61 V	60	37.70	6.10
5	#10540.00	59.7 PK	74.0	-14.3	1.42 V	43	40.50	19.20
6	#10540.00	46.7 AV	54.0	-7.3	1.42 V	43	27.50	19.20

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	92.8 PK			1.37 H	271	53.10	39.70
2	*5310.00	82.4 AV			1.37 H	271	42.70	39.70
3	5350.00	56.8 PK	74.0	-17.2	1.45 H	242	50.70	6.10
4	5350.00	44.4 AV	54.0	-9.6	1.45 H	242	38.30	6.10
5	10620.00	59.5 PK	74.0	-14.5	1.22 H	239	40.50	19.00
6	10620.00	45.9 AV	54.0	-8.1	1.22 H	239	26.90	19.00
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	94.7 PK			1.66 V	54	55.00	39.70
2	*5310.00	84.8 AV			1.66 V	54	45.10	39.70
3	5350.00	56.9 PK	74.0	-17.1	1.72 V	39	50.80	6.10
4	5350.00	43.8 AV	54.0	-10.2	1.72 V	39	37.70	6.10
5	10620.00	59.7 PK	74.0	-14.3	1.43 V	76	40.70	19.00
6	10620.00	45.7 AV	54.0	-8.3	1.43 V	76	26.70	19.00

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

CHANNEL	TX Channel 102	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	55.9 PK	74.0	-18.1	1.47 H	306	49.50	6.40
2	5460.00	44.5 AV	54.0	-9.5	1.47 H	306	38.10	6.40
3	#5470.00	56.1 PK	74.0	-17.9	1.39 H	290	49.70	6.40
4	#5470.00	44.5 AV	54.0	-9.5	1.39 H	290	38.10	6.40
5	*5510.00	92.3 PK			1.50 H	278	52.30	40.00
6	*5510.00	82.5 AV			1.50 H	278	42.50	40.00
7	11020.00	59.3 PK	74.0	-14.7	1.21 H	291	39.90	19.40
8	11020.00	45.6 AV	54.0	-8.4	1.21 H	291	26.20	19.40

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	55.7 PK	74.0	-18.3	1.53 V	184	49.30	6.40
2	5460.00	44.4 AV	54.0	-9.6	1.53 V	184	38.00	6.40
3	#5470.00	60.6 PK	74.0	-13.4	1.71 V	175	54.20	6.40
4	#5470.00	45.3 AV	54.0	-8.7	1.71 V	175	38.90	6.40
5	*5510.00	100.0 PK			1.71 V	169	60.00	40.00
6	*5510.00	90.4 AV			1.71 V	169	50.40	40.00
7	11020.00	58.1 PK	74.0	-15.9	1.56 V	243	38.70	19.40
8	11020.00	45.4 AV	54.0	-8.6	1.56 V	243	26.00	19.40

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 110	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	94.5 PK			1.59 H	265	54.40	40.10
2	*5550.00	83.5 AV			1.59 H	265	43.40	40.10
3	11100.00	58.7 PK	74.0	-15.3	1.67 H	287	39.80	18.90
4	11100.00	45.7 AV	54.0	-8.3	1.67 H	287	26.80	18.90

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	99.5 PK			1.62 V	174	59.40	40.10
2	*5550.00	89.3 AV			1.62 V	174	49.20	40.10
3	11100.00	57.5 PK	74.0	-16.5	1.41 V	28	38.60	18.90
4	11100.00	46.0 AV	54.0	-8.0	1.41 V	28	27.10	18.90

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

CHANNEL	TX Channel 134	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	92.9 PK			1.00 H	216	52.70	40.20
2	*5670.00	82.8 AV			1.00 H	216	42.60	40.20
3	#5725.00	58.5 PK	74.0	-15.5	1.14 H	251	51.70	6.80
4	#5725.00	45.1 AV	54.0	-8.9	1.14 H	251	38.30	6.80
5	11340.00	58.8 PK	74.0	-15.2	1.46 H	284	39.60	19.20
6	11340.00	46.7 AV	54.0	-7.3	1.46 H	284	27.50	19.20
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	98.6 PK			1.42 V	174	58.40	40.20
2	*5670.00	88.4 AV			1.42 V	174	48.20	40.20
3	#5725.00	57.1 PK	74.0	-16.9	1.34 V	183	50.30	6.80
4	#5725.00	45.2 AV	54.0	-8.8	1.34 V	183	38.40	6.80
5	11340.00	58.8 PK	74.0	-15.2	1.26 V	272	39.60	19.20
6	11340.00	47.3 AV	54.0	-6.7	1.26 V	272	28.10	19.20

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Below 1GHz worst-case data
802.11a

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	57.12	32.6 QP	40.0	-7.4	2.50 H	27	47.20	-14.60
2	99.89	41.1 QP	43.5	-2.4	2.50 H	151	59.90	-18.80
3	129.06	31.6 QP	43.5	-11.9	2.00 H	291	47.10	-15.50
4	387.65	31.8 QP	46.0	-14.2	1.00 H	114	42.50	-10.70
5	562.64	33.0 QP	46.0	-13.0	1.49 H	75	40.40	-7.40
6	648.18	32.9 QP	46.0	-13.1	1.00 H	173	38.10	-5.20

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	29.90	30.2 QP	40.0	-9.8	1.01 V	239	45.90	-15.70
2	53.23	32.6 QP	40.0	-7.4	1.01 V	225	47.10	-14.50
3	68.79	27.7 QP	40.0	-12.3	1.01 V	47	43.80	-16.10
4	99.89	34.8 QP	43.5	-8.7	1.51 V	113	53.60	-18.80
5	131.00	21.7 QP	43.5	-21.8	2.01 V	37	37.20	-15.50
6	617.08	25.0 QP	46.0	-21.0	2.01 V	16	30.70	-5.70

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value.

4.2 Conducted Emission Measurement

4.2.1 Limits of Conducted Emission Measurement

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

- Note:** 1. The lower limit shall apply at the transition frequencies.
 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

4.2.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Date Of Calibration	Due Date Of Calibration
Test Receiver ROHDE & SCHWARZ	ESCS30	100288	Apr. 24, 2014	Apr. 23, 2015
RF signal cable Woken	5D-FB	Cable-HYCO2-01	Dec. 26, 2014	Dec. 25, 2015
LISN ROHDE & SCHWARZ (EUT)	ESH2-Z5	100100	Dec. 30, 2014	Dec. 29, 2015
LISN ROHDE & SCHWARZ (Peripheral)	ESH3-Z5	100312	Jul. 10, 2014	Jul. 09, 2015
Software ADT	BV ADT_Cond_ V7.3.7.3	NA	NA	NA

- Note:** 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 2. The test was performed in HwaYa Shielded Room 2.
 3. The VCCI Site Registration No. is C-2047.

4.2.3 Test Procedures

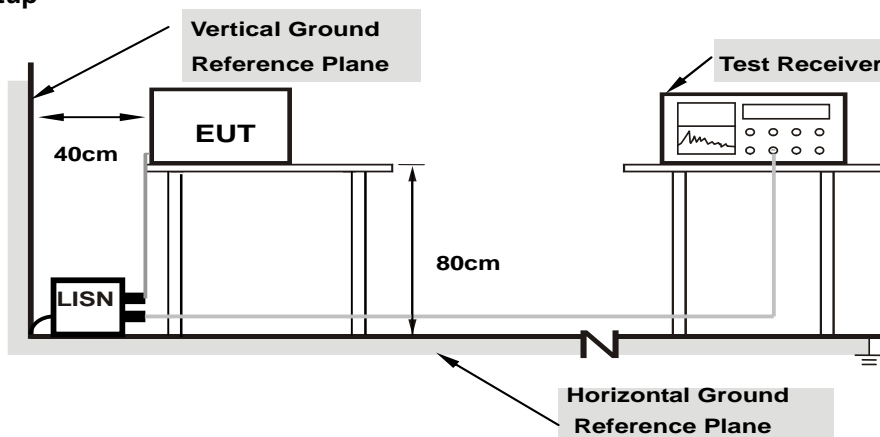
- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

NOTE: The resolution bandwidth and video bandwidth of test receiver is 9kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15MHz-30MHz.

4.2.4 Deviation from Test Standard

No deviation.

4.2.5 Test Setup



Note: 1.Support units were connected to second LISN.

For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.2.6 EUT Operating Conditions

Same as 4.1.6.

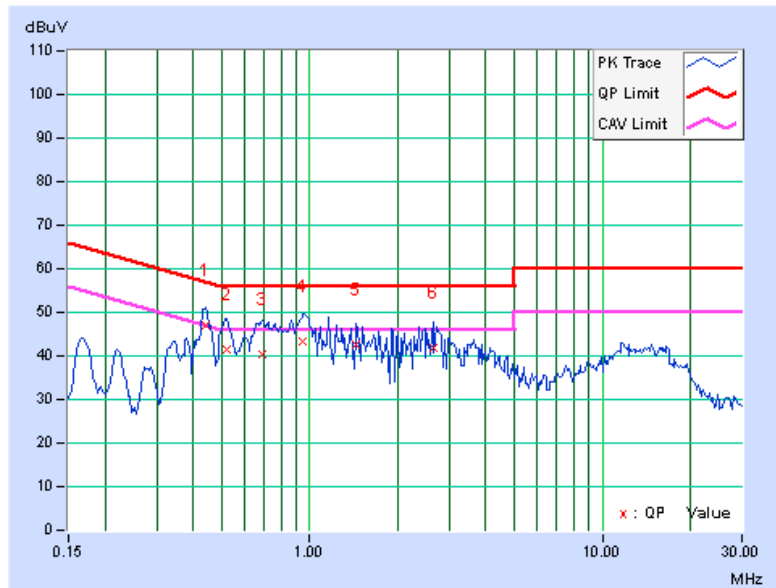
4.2.7 Test Results

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)
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No	Freq. [MHz]	Corr. Factor (dB)	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
			1	0.44034	0.21	46.79	40.66	47.00	40.87	57.06
2	0.52109	0.22	41.09	33.97	41.31	34.19	56.00	46.00	-14.69	-11.81
3	0.68906	0.25	40.30	31.30	40.55	31.55	56.00	46.00	-15.45	-14.45
4	0.95078	0.29	42.99	32.76	43.28	33.05	56.00	46.00	-12.72	-12.95
5	1.44531	0.33	42.09	32.27	42.42	32.60	56.00	46.00	-13.58	-13.40
6	2.65234	0.38	41.40	32.03	41.78	32.41	56.00	46.00	-14.22	-13.59

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level - Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value.

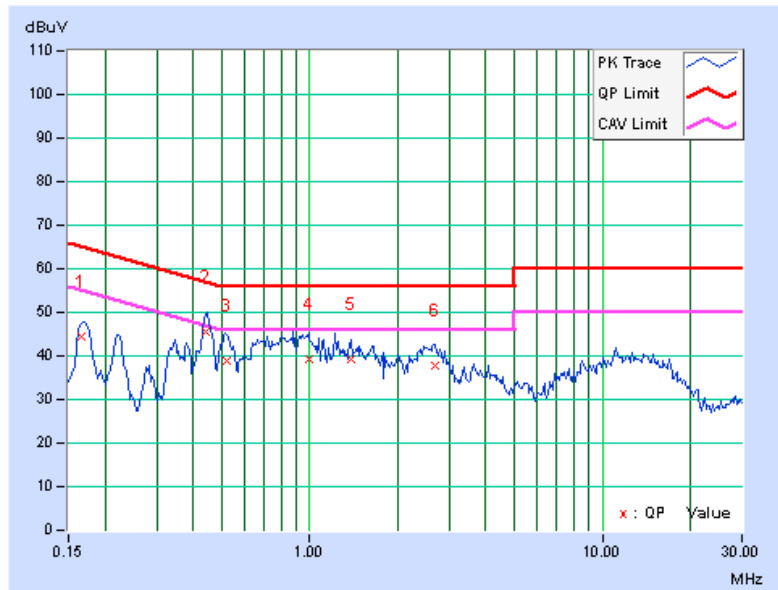


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)
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No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16698	0.21	44.41	34.92	44.62	35.13	65.11	55.11	-20.49	-19.98
2	0.44161	0.25	45.26	36.30	45.51	36.55	57.03	47.03	-11.52	-10.48
3	0.52101	0.26	38.55	28.04	38.81	28.30	56.00	46.00	-17.19	-17.70
4	0.99375	0.31	38.78	28.95	39.09	29.26	56.00	46.00	-16.91	-16.74
5	1.38672	0.34	38.80	28.30	39.14	28.64	56.00	46.00	-16.86	-17.36
6	2.67969	0.42	37.19	27.34	37.61	27.76	56.00	46.00	-18.39	-18.24

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level - Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value.



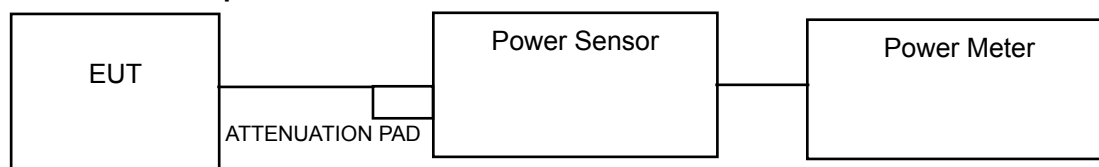
4.3 Transmit Power Measurement

4.3.1 Limits of Transmit Power Measurement

Operation Band	EUT Category		LIMIT
U-NII-1		Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p \leq 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
		Fixed point-to-point Access Point	1 Watt (30 dBm)
		Indoor Access Point	1 Watt (30 dBm)
	√	Mobile and Portable client device	250mW (24 dBm)
U-NII-2A	√		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-2C	√		250mW (24 dBm) or 11 dBm+10 log B*

*B is the 26 dB emission bandwidth in megahertz

4.3.2 Test Setup



4.3.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.3.4 Test Procedure

FOR AVERAGE POWER MEASUREMENT

Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst. Duty factor is not added to measured value.

4.3.5 Deviation from Test Standard

No deviation.

4.3.6 EUT Operating Conditions

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.3.7 Test Result

POWER OUTPUT:

802.11a

Channel	Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	7.278	8.62	24.00	Pass
40	5200	7.129	8.53	24.00	Pass
48	5240	7.015	8.46	24.00	Pass
52	5260	7.161	8.55	23.82	Pass
60	5300	7.261	8.61	23.80	Pass
64	5320	6.966	8.43	23.83	Pass
100	5500	7.656	8.84	23.81	Pass
116	5580	7.762	8.90	23.89	Pass
140	5700	7.244	8.60	23.86	Pass

NOTE:

For U-NII-2A, U-NII-2C Band:

1. $11\text{dBm} + 10\log(19.15) = 23.82\text{ dBm} < 24\text{dBm}$.
2. $11\text{dBm} + 10\log(19.05) = 23.80\text{ dBm} < 24\text{dBm}$.
3. $11\text{dBm} + 10\log(19.18) = 23.83\text{ dBm} < 24\text{dBm}$.
4. $11\text{dBm} + 10\log(19.11) = 23.81\text{ dBm} < 24\text{dBm}$.
5. $11\text{dBm} + 10\log(19.45) = 23.89\text{ dBm} < 24\text{dBm}$.
6. $11\text{dBm} + 10\log(19.30) = 23.86\text{ dBm} < 24\text{dBm}$.

802.11n (HT20)

Channel	Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	7.464	8.73	24.00	Pass
40	5200	7.278	8.62	24.00	Pass
48	5240	7.603	8.81	24.00	Pass
52	5260	7.621	8.82	23.88	Pass
60	5300	7.586	8.80	23.88	Pass
64	5320	7.464	8.73	23.90	Pass
100	5500	7.638	8.83	23.91	Pass
116	5580	7.244	8.60	23.89	Pass
140	5700	7.079	8.50	23.87	Pass

NOTE:

For U-NII-2A, U-NII-2C Band:

1. $11\text{dBm} + 10\log(19.40) = 23.88\text{ dBm} < 24\text{dBm}$.
2. $11\text{dBm} + 10\log(19.41) = 23.88\text{ dBm} < 24\text{dBm}$.
3. $11\text{dBm} + 10\log(19.50) = 23.90\text{ dBm} < 24\text{dBm}$.
4. $11\text{dBm} + 10\log(19.56) = 23.91\text{ dBm} < 24\text{dBm}$.
5. $11\text{dBm} + 10\log(19.46) = 23.89\text{ dBm} < 24\text{dBm}$.
6. $11\text{dBm} + 10\log(19.35) = 23.87\text{ dBm} < 24\text{dBm}$.

802.11n (HT40)

Channel	Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
38	5190	7.816	8.93	24.00	Pass
46	5230	8.017	9.04	24.00	Pass
54	5270	8.147	9.11	24.00	Pass
62	5310	8.128	9.10	24.00	Pass
102	5510	8.650	9.37	24.00	Pass
110	5550	7.943	9.00	24.00	Pass
134	5670	7.780	8.91	24.00	Pass

NOTE:**For U-NII-2A, U-NII-2C Band:**

1. $11\text{dBm} + 10\log(41.11) = 27.14\text{ dBm} > 24\text{dBm}$.
2. $11\text{dBm} + 10\log(41.13) = 27.14\text{ dBm} > 24\text{dBm}$.
3. $11\text{dBm} + 10\log(41.24) = 27.15\text{ dBm} > 24\text{dBm}$.
4. $11\text{dBm} + 10\log(41.14) = 27.14\text{ dBm} > 24\text{dBm}$.
5. $11\text{dBm} + 10\log(41.25) = 27.15\text{ dBm} > 24\text{dBm}$.

26dB BANDWIDTH:
802.11a

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	Pass / Fail
36	5180	19.20	Pass
40	5200	19.26	Pass
48	5240	19.12	Pass
52	5260	19.15	Pass
60	5300	19.05	Pass
64	5320	19.18	Pass
100	5500	19.11	Pass
116	5580	19.45	Pass
140	5700	19.30	Pass

802.11n (HT20)

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	Pass / Fail
36	5180	19.49	Pass
40	5200	19.48	Pass
48	5240	19.30	Pass
52	5260	19.40	Pass
60	5300	19.41	Pass
64	5320	19.50	Pass
100	5500	19.56	Pass
116	5580	19.46	Pass
140	5700	19.35	Pass

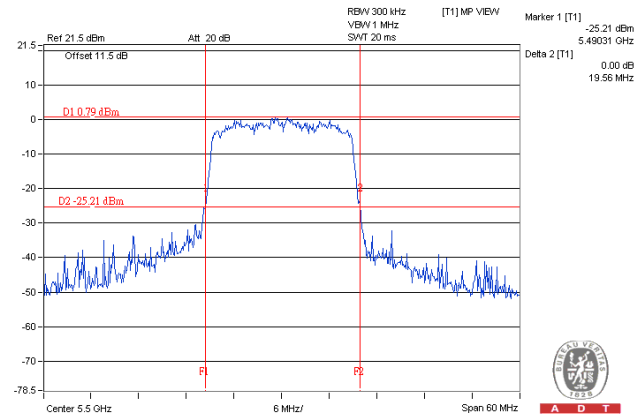
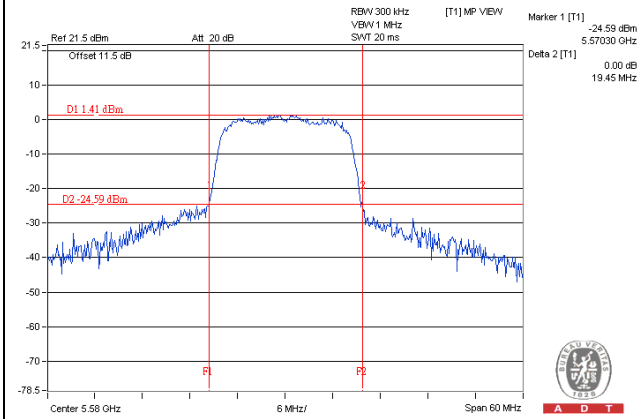
802.11n (HT40)

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	Pass / Fail
38	5190	41.12	Pass
46	5230	40.76	Pass
54	5270	41.11	Pass
62	5310	41.13	Pass
102	5510	41.24	Pass
110	5550	41.14	Pass
134	5670	41.25	Pass

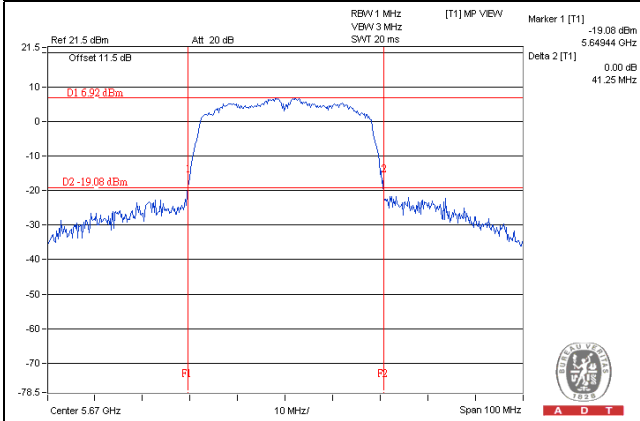
Spectrum Plot of Worst Value

802.11a

802.11n (HT20)



802.11n (HT40)



EUT MAXIMUM CONDUCTED POWER**802.11a**

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	7.261	8.61
5470~5725	7.762	8.90

NOTE: Manufacturer provides Transmit Power Control description to meet this requirement.

802.11n (HT20)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	7.621	8.82
5470~5725	7.638	8.83

NOTE: Manufacturer provides Transmit Power Control description to meet this requirement.

802.11n (HT40)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	8.147	9.11
5470~5725	8.650	9.37

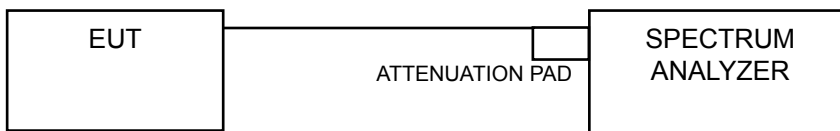
NOTE: Manufacturer provides Transmit Power Control description to meet this requirement.

4.4 Peak Power Spectral Density Measurement

4.4.1 Limits of Peak Power Spectral Density Measurement

Operation Band	EUT Category		LIMIT
U-NII-1		Outdoor Access Point	17dBm/ MHz
		Fixed point-to-point Access Point	
		Indoor Access Point	
	√	Mobile and Portable client device	11dBm/ MHz
U-NII-2A		√	11dBm/ MHz
U-NII-2C		√	11dBm/ MHz

4.4.2 Test Setup



4.4.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.4.4 Test Procedures

For U-NII-1, U-NII-2A, U-NII-2C band:

Using method SA-2

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 30 kHz, Set VBW ≥ 1 MHz, Detector = RMS
- Set Channel power measure = 1MHz
- Sweep time = auto, trigger set to “free run”.
- Trace average at least 100 traces in power averaging mode.
- Record the max value and add 10 log (1/duty cycle)

For U-NII-3 band:

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 500 kHz, Set VBW ≥ 3 RBW, Detector = RMS
- Sweep time = auto, trigger set to “free run”.
- Trace average at least 100 traces in power averaging mode.
- Record the max value and add 10 log (1/duty cycle)
- Scale the observed power level to an equivalent value in 500 kHz by adjusting (reducing) the measured power by a bandwidth correction factor (BWCF) where $BWCF = 10\log(500\text{ kHz}/300\text{kHz})$

4.4.5 Deviation from Test Standard

No deviation.

4.4.6 EUT Operating Conditions

Same as Item 4.3.6.

4.4.7 Test Results

For U-NII-1, U-NII-2A, U-NII-2C Band

802.11a

Channel	Frequency (MHz)	PSD W/O Duty Factor (dBm)	Duty Factor	PSD with Duty Factor (dBm)	Maximum Limit (dBm)	Pass / Fail
36	5180	-7.32	0.63	-6.69	11	Pass
40	5200	-7.55	0.63	-6.93	11	Pass
48	5240	-7.52	0.63	-6.90	11	Pass
52	5260	-7.25	0.63	-6.62	11	Pass
60	5300	-7.35	0.63	-6.72	11	Pass
64	5320	-7.71	0.63	-7.09	11	Pass
100	5500	-7.24	0.63	-6.62	11	Pass
116	5580	-7.34	0.63	-6.72	11	Pass
140	5700	-8.04	0.63	-7.42	11	Pass

NOTE: Refer to section 3.3 for duty cycle spectrum plot.

802.11n (HT20)

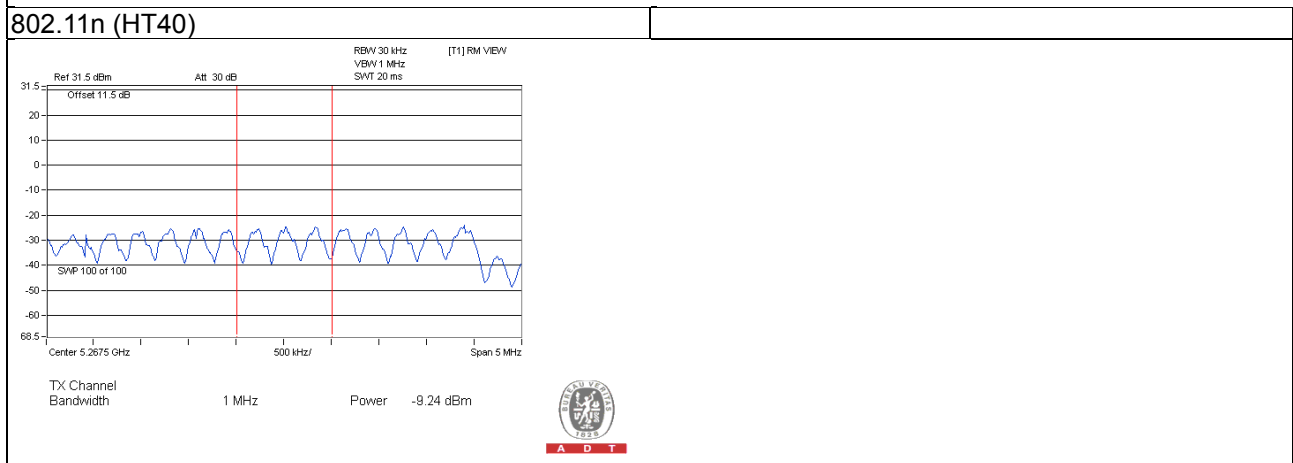
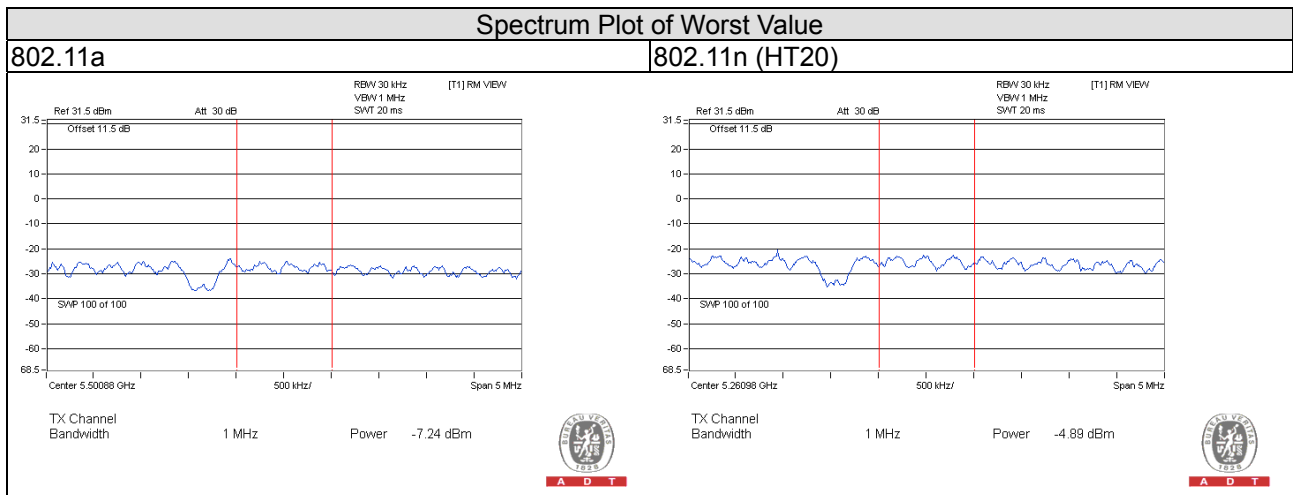
Channel	Frequency (MHz)	PSD W/O Duty Factor (dBm)	Duty Factor	PSD with Duty Factor (dBm)	Maximum Limit (dBm)	Pass / Fail
36	5180	-7.98	0.68	-7.30	11	Pass
40	5200	-7.55	0.68	-6.87	11	Pass
48	5240	-7.86	0.68	-7.19	11	Pass
52	5260	-4.89	0.68	-4.21	11	Pass
60	5300	-4.94	0.68	-4.27	11	Pass
64	5320	-5.24	0.68	-4.57	11	Pass
100	5500	-5.53	0.68	-4.85	11	Pass
116	5580	-5.35	0.68	-4.68	11	Pass
140	5700	-6.19	0.68	-5.52	11	Pass

NOTE: Refer to section 3.3 for duty cycle spectrum plot.

802.11n (HT40)

Channel	Frequency (MHz)	PSD W/O Duty Factor (dBm)	Duty Factor	PSD with Duty Factor (dBm)	Maximum Limit (dBm)	Pass / Fail
38	5190	-10.80	1.22	-9.58	11	Pass
46	5230	-10.10	1.22	-8.88	11	Pass
54	5270	-9.24	1.22	-8.02	11	Pass
62	5310	-10.72	1.22	-9.50	11	Pass
102	5510	-10.29	1.22	-9.07	11	Pass
110	5550	-10.06	1.22	-8.84	11	Pass
134	5670	-10.70	1.22	-9.48	11	Pass

NOTE: Refer to section 3.3 for duty cycle spectrum plot.

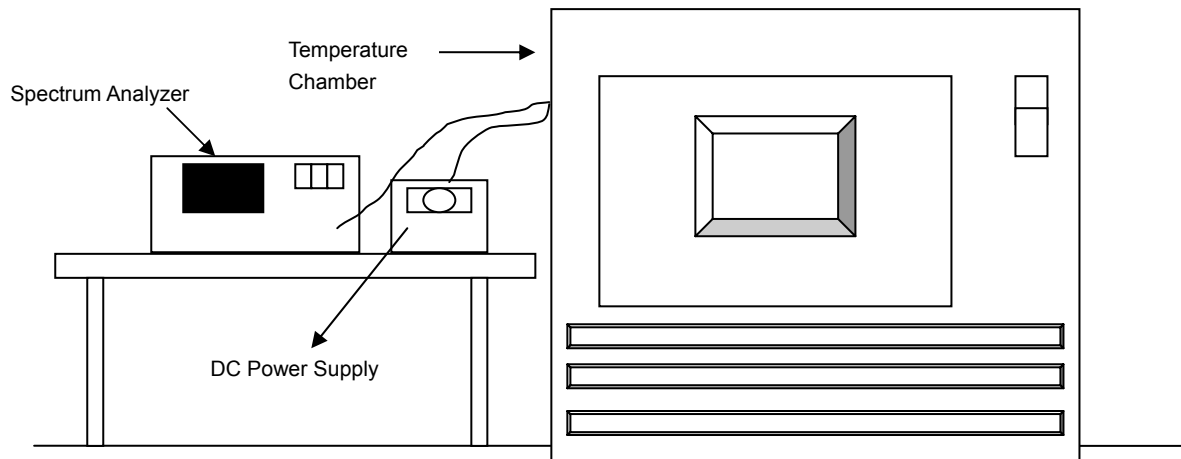


4.5 Frequency Stability

4.5.1 Limits of Frequency Stability Measurement

The frequency of the carrier signal shall be maintained within band of operation

4.5.2 Test Setup



4.5.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.5.4 Test Procedure

- a. The EUT was placed inside the environmental test chamber and powered by nominal DC voltage.
- b. Turn the EUT on and couple its output to a spectrum analyzer.
- c. Turn the EUT off and set the chamber to the highest temperature specified.
- d. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 minutes.
- e. Repeat step 2 and 3 with the temperature chamber set to the lowest temperature.
- f. The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

4.5.5 Deviation from Test Standard

No deviation.

4.5.6 EUT Operating Condition

Set the EUT transmit at un-modulation mode to test frequency stability.

4.5.7 Test Results

Frequency Stability Versus Temp.									
Operating Frequency: 5320MHz									
Temp. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Frequency Drift (%)	Measured Frequency (MHz)	Frequency Drift (%)	Measured Frequency (MHz)	Frequency Drift (%)	Measured Frequency (MHz)	Frequency Drift (%)
50	3.7	5320.0166	0.00031	5320.0122	0.00023	5320.0159	0.00030	5320.0154	0.00029
40	3.7	5320.0192	0.00036	5320.0201	0.00038	5320.0185	0.00035	5320.0203	0.00038
30	3.7	5320.018	0.00034	5320.0177	0.00033	5320.0167	0.00031	5320.0158	0.00030
20	3.7	5320.0147	0.00028	5320.0131	0.00025	5320.0142	0.00027	5320.0135	0.00025
10	3.7	5319.975	-0.00047	5319.9776	-0.00042	5319.9791	-0.00039	5319.9765	-0.00044
0	3.7	5320.0156	0.00029	5320.0157	0.00030	5320.013	0.00024	5320.0172	0.00032
-10	3.7	5320.0259	0.00049	5320.023	0.00043	5320.0267	0.00050	5320.0262	0.00049

Frequency Stability Versus Temp.									
Operating Frequency: 5320MHz									
Temp. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Frequency Drift (%)	Measured Frequency (MHz)	Frequency Drift (%)	Measured Frequency (MHz)	Frequency Drift (%)	Measured Frequency (MHz)	Frequency Drift (%)
20	4.255	5320.0157	0.00030	5320.0128	0.00024	5320.0134	0.00025	5320.0135	0.00025
	3.7	5320.0147	0.00028	5320.0131	0.00025	5320.0142	0.00027	5320.0135	0.00025
	3.145	5320.0144	0.00027	5320.0137	0.00026	5320.0142	0.00027	5320.0138	0.00026

5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).



Appendix – Information on the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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The address and road map of all our labs can be found in our web site also.

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