Partial FCC Test Report

Report No.:	RF180208C04-3
FCC ID:	QYL8265NG
Test Model:	V110
Received Date:	Feb. 08, 2018
Test Date:	Mar. 12 ~ Mar. 15, 2018
Issued Date:	Apr. 09, 2018
Applicant:	Getac Technology Corporation.
Address:	5F., Building A, No. 209, Sec.1, Nangang Rd.,Nangang Dist., Taipei City 11568, Taiwan, R.O.C.
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan (R.O.C.)
Test Location:	No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, TAIWAN (R.O.C.)
FCC Registration / Designation Number:	788550 / TW0003

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Release Control Record

Issue No.	Description	Date Issued
RF180208C04-3	Original release.	Apr. 09, 2018

1 Certificate of Conformity

Product:	Notebook
Brand:	Getac
Test Model:	V110
Sample Status:	Identical Prototype
Applicant:	Getac Technology Corporation.
Test Date:	Mar. 12 ~ Mar. 15, 2018
Standards:	47 CFR FCC Part 15, Subpart E (Section 15.407) ANSI C63.10:2013

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 RF characteristics under the conditions specified in this report.

Prepared by : _____ , **Date:** Apr. 09, 2018

Suntee Liu / Specialist

Approved by : _____ , **Date:** Apr. 09, 2018

Bruce Chen / Project Engineer

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
FCC Clause	Test Item	Result	Remarks
15.407(b)(6)	AC Power Conducted Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -18.67dB at 0.17384MHz.
15.407(b) (1/2/3/4(i/ii)/6)	Radiated Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -2.8dB at 5825.00MHz.
	Band Edge Measurement	N/A	Refer to Note
15.407(a)(1/2/3)	Max Average Transmit Power	N/A	Refer to Note
---	Occupied Bandwidth Measurement	-	Reference only.
15.407(a)(1/2/3)	Peak Power Spectral Density	N/A	Refer to Note
15.407(e)	6dB bandwidth	N/A	Refer to Note
15.407(g)	Frequency Stability	N/A	Refer to Note
15.203	Antenna Requirement	Pass	No antenna connector is used.

*For U-NII-3 Band compliance with rule part 15.407(b)(4)(i), the OOBE test plots were recorded in Annex A.
Note: AC Power Conducted Emission and Radiated Emissions are performed for this report. For other test data, please refer to Intel Report No.: 160321-01.TR01 for module (Brand: Intel, Model: 8265NGW).

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	2.94 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	Notebook
Brand	Getac
Test Model	V110
Sample Status	Identical Prototype
Power Supply Rating	19Vdc (adapter) 11.1Vdc (battery)
Modulation Type	256QAM, 64QAM, 16QAM, QPSK, BPSK
Modulation Technology	OFDM
Transfer Rate	802.11a: 54/48/36/24/18/12/9/6Mbps 802.11n: up to MCS7 802.11ac: up to V9
Operating Frequency	5180~5240MHz, 5260~5320MHz, 5500~5720MHz, 5745~5825MHz
Number of Channel	5180~5240MHz: 802.11a, 802.11n (HT20): 4 802.11n (HT40): 2 802.11ac (VHT80): 1 5260~5320MHz: 802.11a, 802.11n (HT20): 4 802.11n (HT40): 2 802.11ac (VHT80): 1 5500~5720MHz: 802.11a, 802.11n (HT20): 12 802.11n (HT40): 6 802.11ac (VHT80): 3 5745~5825MHz: 802.11a, 802.11n (HT20): 5 802.11n (HT40): 2 802.11ac (VHT80): 1
Antenna Type	5180~5240MHz: PIFA antenna with 2.51dBi gain 5260~5320MHz: PIFA antenna with 3.20dBi gain 5500~5720MHz: PIFA antenna with 2.79dBi gain 5745~5825MHz: PIFA antenna with 2.62dBi gain
Antenna Connector	NA
Accessory Device	Refer to Note
Cable Supplied	NA

Note:

1. The EUT incorporates a MIMO function. Physically, the EUT provides 2 completed transmitters and 2 receivers.

Modulation Mode	TX Function
802.11a	1TX
802.11n (HT20)	2TX
802.11n (HT40)	2TX
802.11ac (VHT80)	2TX

2. The EUT uses following accessory devices.

Item	Brand	Model	Specification	Remark
Adapter	Chicony	A12-065N2A	Input: 100-240Vac, 50/60Hz, 1.7A Output: 19Vdc, 3.42A 1.7m DC cable with 1 core attached	Accessory
Li-Ion Battery	Getac	BP3S1P2100-S	11.1Vdc, 2100mA	Accessory
BT/WLAN Module	Intel	8265NGW	-	Accessory
WWAN Module	Sierra	EM7355	-	Accessory

3.2 Description of Test Modes

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

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency
42	5210MHz

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

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency
58	5290MHz

5500~5720MHz:

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

Channel	Frequency	Channel	Frequency
100	5500 MHz	124	5620 MHz
104	5520 MHz	128	5640 MHz
108	5540 MHz	132	5660 MHz
112	5560 MHz	136	5680 MHz
116	5580 MHz	140	5700 MHz
120	5600 MHz	144	5720 MHz

6 channels are provided for 802.11n (HT40):

Channel	Frequency	Channel	Frequency
102	5510 MHz	126	5630 MHz
110	5550 MHz	134	5670 MHz
118	5590 MHz	142	5710 MHz

3 channels are provided for 802.11ac (VHT80):

Channel	Frequency	Channel	Frequency
106	5530 MHz	122	5610 MHz
138	5690 MHz		

5745~5825MHz:

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

Channel	Frequency	Channel	Frequency
149	5745MHz	161	5805MHz
153	5765MHz	165	5825MHz
157	5785MHz		

2 channels are provided for 802.11n (HT40):

Channel	Frequency	Channel	Frequency
151	5755MHz	159	5795MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency
155	5775MHz

3.2.1 Test Mode Applicability and Tested Channel Detail

EUT Configure Mode	Applicable to			Description
	RE≥1G	RE<1G	PLC	
-	√	√	√	-

Where RE≥1G: Radiated Emission above 1GHz & Bandedge Measurement RE<1G: Radiated Emission below 1GHz

PLC: Power Line Conducted Emission

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	Frequency Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Data Rate (Mbps)	Remark
-	802.11a	5180-5240	36 to 48	36, 40, 48	OFDM	6.0	1TX
	802.11n (HT20)		36 to 48	36, 40, 48	OFDM	MCS0	2TX
	802.11n (HT40)		38 to 46	38, 46	OFDM	MCS0	2TX
	802.11ac (VHT80)		42	42	OFDM	MCS0	2TX
	802.11a	5260-5320	52 to 64	52, 60, 64	OFDM	6.0	1TX
	802.11n (HT20)		52 to 64	52, 60, 64	OFDM	MCS0	2TX
	802.11n (HT40)		54 to 62	54, 62	OFDM	MCS0	2TX
	802.11ac (VHT80)		58	58	OFDM	MCS0	2TX
	802.11a	5500-5720	100 to 144	100, 116, 140, 144	OFDM	6.0	1TX
	802.11n (HT20)		100 to 144	100, 116, 140, 144	OFDM	MCS0	2TX
	802.11n (HT40)		102 to 142	102, 110, 134, 142	OFDM	MCS0	2TX
	802.11ac (VHT80)		106 to 138	106, 122, 138	OFDM	MCS0	2TX
	802.11a	5745-5825	149 to 165	149, 157, 165	OFDM	6.0	1TX
	802.11n (HT20)		149 to 165	149, 157, 165	OFDM	MCS0	2TX
	802.11n (HT40)		151 to 159	151, 159	OFDM	MCS0	2TX
	802.11ac (VHT80)		155	155	OFDM	MCS0	2TX

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	Frequency Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Data Rate (Mbps)	Remark
-	802.11n (HT20)	5745-5825	149 to 165	157	OFDM	MCS0	2TX

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	Frequency Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Data Rate (Mbps)	Remark
-	802.11n (HT20)	5745-5825	149 to 165	157	OFDM	MCS0	2TX

Test Condition:

Applicable to	Environmental Conditions	Input Power	Tested by
RE≥1G	21 deg. C, 66% RH 23 deg. C, 65% RH	120Vac, 60Hz	Willy Cheng Adair Peng
RE<1G	22 deg. C, 67% RH	120Vac, 60Hz	Willy Cheng
PLC	25 deg. C, 65% RH	120Vac, 60Hz	Adair Peng

3.3 Description of Support Units

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

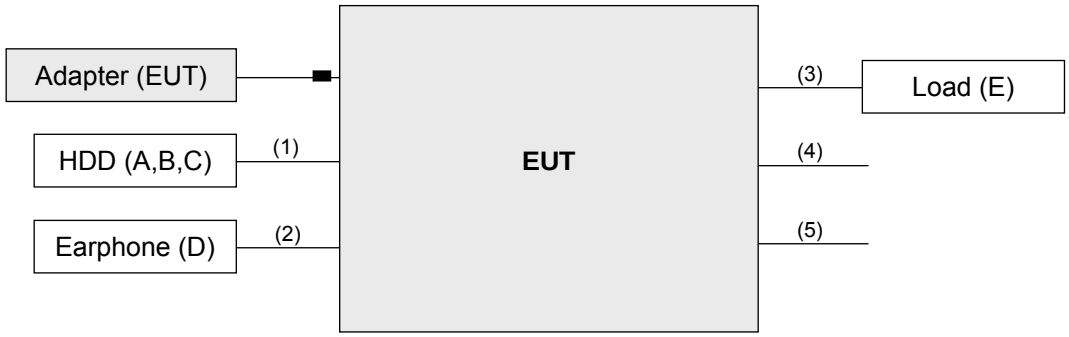
ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	HDD	TOSHIBA	V63700-B	53ERP61GTSX4	NA	-
B.	HDD	TOSHIBA	V63700-B	43J4T0EFTTS9	NA	-
C.	HDD	Toshiba	DTB305	X4RKCMUNT3ZB	NA	-
D.	Earphone	NA	NA	NA	NA	-
E.	Load	NA	NA	NA	NA	-

Note:

1. All power cords of the above support units are non-shielded (1.8m).

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	USB	3	0.6	Y	0	-
2.	Earphone	1	1.5	N	0	-
3.	RJ45, Cat5e	1	1.5	N	0	-
4.	RS232	1	1.5	Y	0	-
5.	HDMI	1	2	Y	0	-

3.3.1 Configuration of System under Test



3.4 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)
KDB 789033 D02 General UNII Test Procedure New Rules v02r01
KDB 662911 D01 Multiple Transmitter Output v02r01
ANSI C63.10:2013

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

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.

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

<table>
<tr><td colspan="3">Applicable To</td><td colspan="2">Limit</td></tr>
<tr><td colspan="3" rowspan="2">789033 D02 General UNII Test Procedure New Rules v02r01</td><td colspan="2">Field Strength at 3m</td></tr>
<tr><td>PK: 74 (dBμV/m)</td><td>AV: 54 (dBμV/m)</td></tr>
<tr><td>Frequency Band</td><td colspan="2">Applicable To</td><td>EIRP Limit</td><td>Equivalent Field Strength at 3m</td></tr>
<tr><td>5150~5250 MHz</td><td colspan="2">15.407(b)(1)</td><td rowspan="3">PK: -27 (dBm/MHz)</td><td rowspan="3">PK: 68.2(dBμV/m)</td></tr>
<tr><td>5250~5350 MHz</td><td colspan="2">15.407(b)(2)</td></tr>
<tr><td>5470~5725 MHz</td><td colspan="2">15.407(b)(3)</td></tr>
<tr><td rowspan="2">5725~5850 MHz</td><td>☒</td><td>15.407(b)(4)(i)</td><td>PK: -27 (dBm/MHz) *1
PK: 10 (dBm/MHz) *2
PK: 15.6 (dBm/MHz) *3
PK: 27 (dBm/MHz) *4</td><td>PK: 68.2 (dBμV/m) *1
PK: 105.2 (dBμV/m) *2
PK: 110.8 (dBμV/m) *3
PK: 122.2 (dBμV/m) *4</td></tr>
<tr><td>☐</td><td>15.407(b)(4)(ii)</td><td colspan="2">Emission limits in section 15.247(d)</td></tr>
<tr><td colspan="5">*1 beyond 75 MHz or more above of the band edge.
*2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.
*3 below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.
*4 from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.</td></tr>
</table>

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

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

4.1.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver ROHDE & SCHWARZ	ESIB7	100187	May 02, 2017	May 01, 2018
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100041	Dec. 12, 2017	Dec. 11, 2018
BILOG Antenna SCHWARZBECK	VULB9168	9168-171	Dec. 11, 2017	Dec. 10, 2018
HORN Antenna SCHWARZBECK	9120D	209	Dec. 13, 2017	Dec. 12, 2018
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA9170241	Dec. 01, 2017	Nov. 30, 2018
Loop Antenna EMCI	EM-6879	269	Aug. 11, 2017	Aug. 10, 2018
Preamplifier Agilent (Below 1GHz)	8447D	2944A10738	Aug. 21, 2017	Aug. 20, 2018
Preamplifier Agilent (Above 1GHz)	8449B	3008A02465	Apr. 05, 2017	Apr. 04, 2018
RF signal cable HUBER+SUHNER	SUCOFLEX 104	Cable-CH3-03 (223653/4)	Aug. 21, 2017	Aug. 20, 2018
RF signal cable HUBER+SUHNER& EMCI	SUCOFLEX 104&EMC104-SM-SM-8000	Cable-CH3-03 (309224+170907)	Sep.11, 2017	Sep. 10, 2018
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 BV ADT	AT100	AT93021702	NA	NA
Turn Table BV ADT	TT100	TT93021702	NA	NA
Turn Table Controller BV ADT	SC100	SC93021702	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA
26GHz ~ 40GHz Amplifier Agilent	8449B	3008A1960	Aug. 08, 2017	Aug. 07, 2018
High Speed Peak Power Meter	ML2495A	0824012	Aug. 18, 2017	Aug. 17, 2018
Power Sensor	MA2411B	0738171	Aug. 18, 2017	Aug. 17, 2018

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 preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
4. The FCC Designation Number is TW0003. The number will be varied with the Lab location and scope as attached.
5. The IC Site Registration No. is IC 7450F-3.

4.1.3 Test Procedures

For Radiated emission below 30MHz

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. 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. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case 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.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9kHz at frequency below 30MHz.

For Radiated emission above 30MHz

a. The EUT was placed on the top of a rotating table 0.8 meters (for 30MHz ~ 1GHz) / 1.5 meters (for above 1GHz) 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:

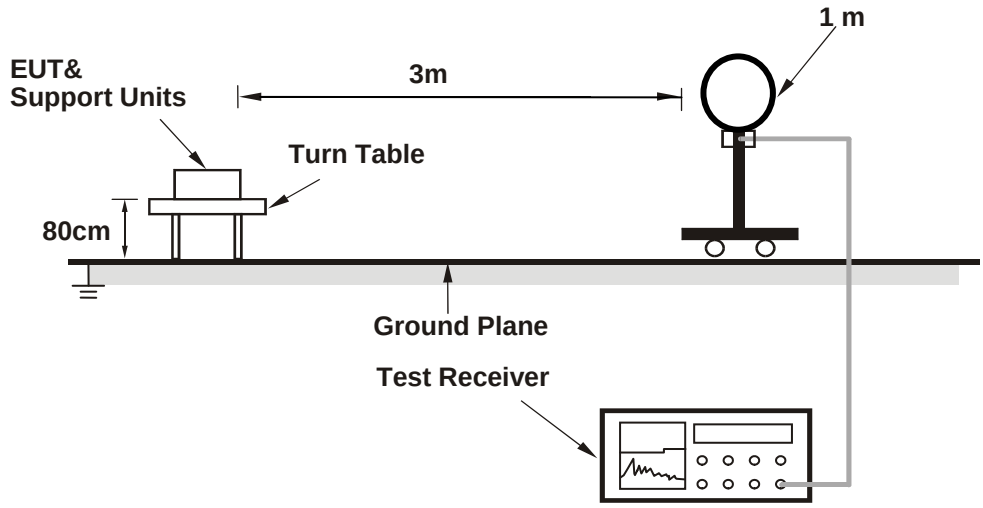
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is ≥ 1/T (Duty cycle < 98%) or 10Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1GHz.
4. All modes of operation were investigated and the worst-case emissions are reported.

4.1.4 Deviation from Test Standard

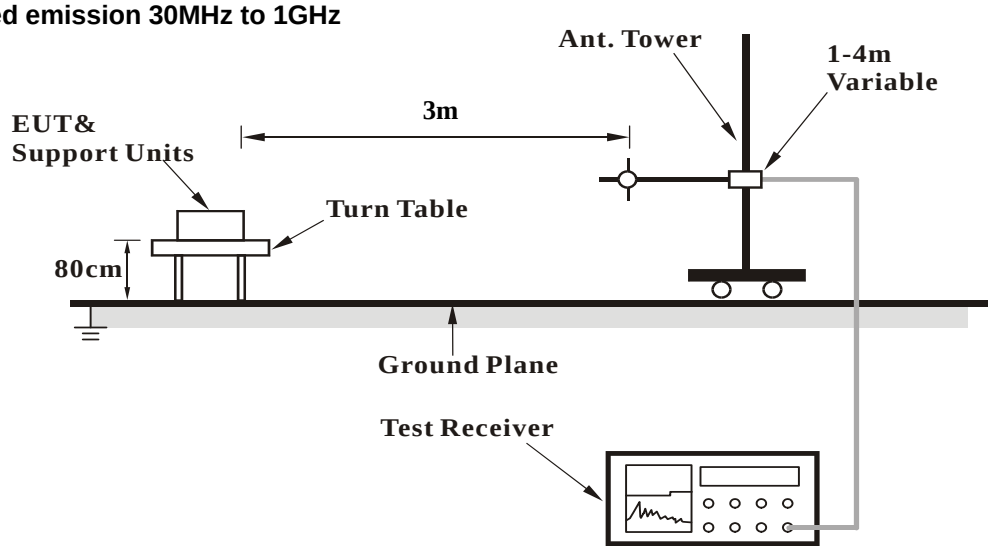
No deviation.

4.1.5 Test Setup

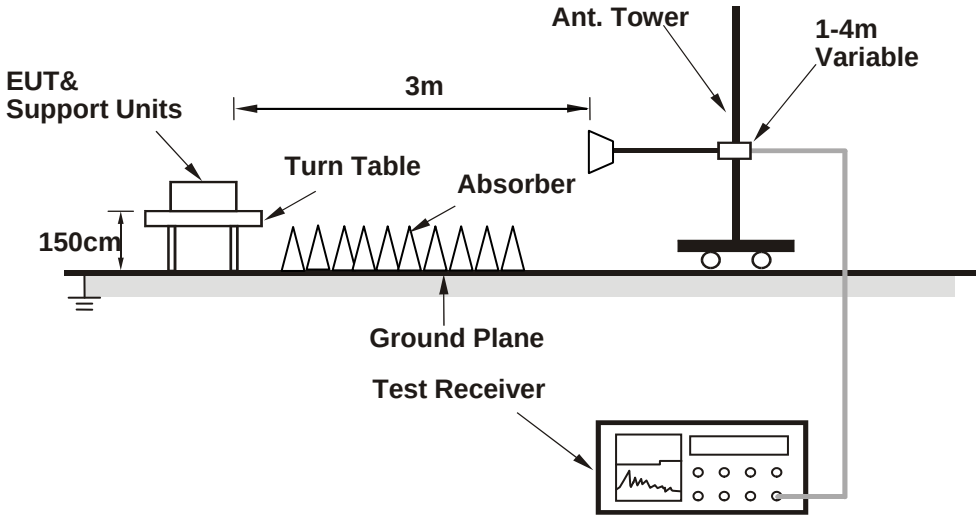
For Radiated emission below 30MHz



For Radiated emission 30MHz to 1GHz



For Radiated emission above 1GHz



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

4.1.6 EUT Operating Conditions

a. 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 FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	61.3 PK	74.0	-12.7	2.49 H	91	57.6	3.7
2	5150.00	46.9 AV	54.0	-7.1	2.49 H	91	43.2	3.7
3	*5180.00	109.7 PK			2.60 H	99	70.1	39.6
4	*5180.00	99.2 AV			2.60 H	99	59.6	39.6
5	#10360.00	59.6 PK	74.0	-14.4	1.89 H	229	44.0	15.6
6	#10360.00	44.9 AV	54.0	-9.1	1.89 H	229	29.3	15.6
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	60.0 PK	74.0	-14.0	1.66 V	258	56.3	3.7
2	5150.00	46.7 AV	54.0	-7.3	1.66 V	258	43.0	3.7
3	*5180.00	109.6 PK			1.43 V	247	70.0	39.6
4	*5180.00	98.1 AV			1.43 V	247	58.5	39.6
5	#10360.00	59.4 PK	74.0	-14.6	2.04 V	188	43.8	15.6
6	#10360.00	44.7 AV	54.0	-9.3	2.04 V	188	29.1	15.6

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) – Pre-Amplifier 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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	112.5 PK			2.61 H	96	72.9	39.6
2	*5200.00	102.1 AV			2.61 H	96	62.5	39.6
3	#10400.00	58.3 PK	74.0	-15.7	1.91 H	201	42.7	15.6
4	#10400.00	44.8 AV	54.0	-9.2	1.91 H	201	29.2	15.6
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	111.7 PK			1.03 V	265	72.1	39.6
2	*5200.00	102.2 AV			1.03 V	265	62.6	39.6
3	#10400.00	58.1 PK	74.0	-15.9	1.87 V	166	42.5	15.6
4	#10400.00	44.6 AV	54.0	-9.4	1.87 V	166	29.0	15.6

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) – Pre-Amplifier 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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	111.4 PK			2.63 H	98	72.0	39.4
2	*5240.00	101.0 AV			2.63 H	98	61.6	39.4
3	5350.00	57.5 PK	74.0	-16.5	2.42 H	111	53.7	3.8
4	5350.00	44.4 AV	54.0	-9.6	2.42 H	111	40.6	3.8
5	#10480.00	58.4 PK	74.0	-15.6	2.15 H	222	41.8	16.6
6	#10480.00	44.5 AV	54.0	-9.5	2.15 H	222	27.9	16.6
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	109.4 PK			1.10 V	310	70.0	39.4
2	*5240.00	99.6 AV			1.10 V	310	60.2	39.4
3	5350.00	57.4 PK	74.0	-16.6	1.23 V	246	53.6	3.8
4	5350.00	43.9 AV	54.0	-10.1	1.23 V	246	40.1	3.8
5	#10480.00	58.3 PK	74.0	-15.7	1.93 V	191	41.7	16.6
6	#10480.00	44.4 AV	54.0	-9.6	1.93 V	191	27.8	16.6

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) – Pre-Amplifier 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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	47.0 PK	74.0	-27.0	2.44 H	103	43.3	3.7
2	5150.00	43.9 AV	54.0	-10.1	2.44 H	103	40.2	3.7
3	*5260.00	111.2 PK			2.59 H	95	71.8	39.4
4	*5260.00	100.7 AV			2.59 H	95	61.3	39.4
5	#10520.00	57.9 PK	74.0	-16.1	1.77 H	223	41.1	16.8
6	#10520.00	44.5 AV	54.0	-9.5	1.77 H	223	27.7	16.8
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	47.1 PK	74.0	-26.9	1.49 V	257	43.4	3.7
2	5150.00	43.9 AV	54.0	-10.1	1.49 V	257	40.2	3.7
3	*5260.00	109.5 PK			1.24 V	278	70.1	39.4
4	*5260.00	99.4 AV			1.24 V	278	60.0	39.4
5	#10520.00	57.6 PK	74.0	-16.4	1.93 V	186	40.8	16.8
6	#10520.00	44.3 AV	54.0	-9.7	1.93 V	186	27.5	16.8

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) – Pre-Amplifier 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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	110.9 PK			2.61 H	93	71.5	39.4
2	*5300.00	100.7 AV			2.61 H	93	61.3	39.4
3	10600.00	59.4 PK	74.0	-14.6	1.91 H	254	42.5	16.9
4	10600.00	45.0 AV	54.0	-9.0	1.91 H	254	28.1	16.9
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	111.6 PK			1.42 V	230	72.2	39.4
2	*5300.00	101.1 AV			1.42 V	230	61.7	39.4
3	10600.00	59.1 PK	74.0	-14.9	2.11 V	197	42.2	16.9
4	10600.00	44.6 AV	54.0	-9.4	2.11 V	197	27.7	16.9

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) – Pre-Amplifier 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 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	109.1 PK			2.57 H	94	69.6	39.5
2	*5320.00	98.1 AV			2.57 H	94	58.6	39.5
3	5350.00	64.7 PK	74.0	-9.3	2.67 H	103	60.9	3.8
4	5350.00	47.9 AV	54.0	-6.1	2.67 H	103	44.1	3.8
5	10640.00	57.9 PK	74.0	-16.1	1.97 H	222	40.9	17.0
6	10640.00	44.8 AV	54.0	-9.2	1.97 H	222	27.8	17.0
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	106.7 PK			1.44 V	286	67.2	39.5
2	*5320.00	96.0 AV			1.44 V	286	56.5	39.5
3	5350.00	61.8 PK	74.0	-12.2	1.55 V	263	58.0	3.8
4	5350.00	45.6 AV	54.0	-8.4	1.55 V	263	41.8	3.8
5	10640.00	57.6 PK	74.0	-16.4	2.22 V	201	40.6	17.0
6	10640.00	44.5 AV	54.0	-9.5	2.22 V	201	27.5	17.0

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) – Pre-Amplifier 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 100	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	56.9 PK	74.0	-17.1	3.04 H	167	52.7	4.2
2	5460.00	43.8 AV	54.0	-10.2	3.04 H	167	39.6	4.2
3	#5470.00	65.1 PK	74.0	-8.9	3.04 H	167	60.9	4.2
4	#5470.00	46.7 AV	54.0	-7.3	3.04 H	167	42.5	4.2
5	*5500.00	104.8 PK			2.74 H	168	64.7	40.1
6	*5500.00	94.6 AV			2.74 H	168	54.5	40.1
7	11000.00	60.0 PK	74.0	-14.0	2.07 H	341	41.3	18.7
8	11000.00	46.8 AV	54.0	-7.2	2.07 H	341	28.1	18.7
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	57.8 PK	74.0	-16.2	1.62 V	248	53.6	4.2
2	5460.00	44.0 AV	54.0	-10.0	1.62 V	248	39.8	4.2
3	#5470.00	64.9 PK	74.0	-9.1	1.57 V	296	60.7	4.2
4	#5470.00	47.5 AV	54.0	-6.5	1.57 V	296	43.3	4.2
5	*5500.00	106.1 PK			1.65 V	298	66.0	40.1
6	*5500.00	95.6 AV			1.65 V	298	55.5	40.1
7	11000.00	59.6 PK	74.0	-14.4	2.03 V	211	40.9	18.7
8	11000.00	46.2 AV	54.0	-7.8	2.03 V	211	27.5	18.7

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) – Pre-Amplifier 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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	105.9 PK			1.55 H	164	65.9	40.0
2	*5580.00	95.4 AV			1.55 H	164	55.4	40.0
3	11160.00	59.2 PK	74.0	-14.8	1.79 H	214	41.5	17.7
4	11160.00	45.7 AV	54.0	-8.3	1.79 H	214	28.0	17.7
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	106.5 PK			1.77 V	300	66.5	40.0
2	*5580.00	96.5 AV			1.77 V	300	56.5	40.0
3	11160.00	59.1 PK	74.0	-14.9	2.16 V	188	41.4	17.7
4	11160.00	45.6 AV	54.0	-8.4	2.16 V	188	27.9	17.7

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) – Pre-Amplifier 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 140	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	103.8 PK			1.59 H	163	63.8	40.0
2	*5700.00	94.3 AV			1.59 H	163	54.3	40.0
3	#5725.00	61.0 PK	74.0	-13.0	1.78 H	162	56.9	4.1
4	#5725.00	44.9 AV	54.0	-9.1	1.78 H	162	40.8	4.1
5	11400.00	60.3 PK	74.0	-13.7	2.18 H	134	42.6	17.7
6	11400.00	47.0 AV	54.0	-7.0	2.18 H	134	29.3	17.7
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	104.0 PK			1.62 V	285	64.0	40.0
2	*5700.00	93.2 AV			1.62 V	285	53.2	40.0
3	#5725.00	59.5 PK	74.0	-14.5	1.69 V	307	55.4	4.1
4	#5725.00	45.8 AV	54.0	-8.2	1.69 V	307	41.7	4.1
5	11400.00	59.3 PK	74.0	-14.7	2.18 V	264	41.6	17.7
6	11400.00	46.3 AV	54.0	-7.7	2.18 V	264	28.6	17.7

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) – Pre-Amplifier 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 144	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	53.3 PK	74.0	-20.7	3.04 H	183	49.1	4.2
2	5460.00	41.1 AV	54.0	-12.9	3.04 H	183	36.9	4.2
3	#5470.00	56.1 PK	74.0	-17.9	3.18 H	166	51.9	4.2
4	#5470.00	41.7 AV	54.0	-12.3	3.18 H	166	37.5	4.2
5	*5720.00	105.4 PK			3.21 H	160	65.4	40.0
6	*5720.00	94.3 AV			3.21 H	160	54.3	40.0
7	#5825.00	55.7 PK	74.0	-18.3	3.08 H	155	51.1	4.6
8	#5825.00	42.4 AV	54.0	-11.6	3.08 H	155	37.8	4.6
9	11440.00	58.3 PK	74.0	-15.7	2.61 H	284	40.4	17.9
10	11440.00	45.4 AV	54.0	-8.6	2.61 H	284	27.5	17.9
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	53.8 PK	74.0	-20.2	1.72 V	299	49.6	4.2
2	5460.00	41.1 AV	54.0	-12.9	1.72 V	299	36.9	4.2
3	#5470.00	54.6 PK	74.0	-19.4	1.71 V	267	50.4	4.2
4	#5470.00	41.8 AV	54.0	-12.2	1.71 V	267	37.6	4.2
5	*5720.00	104.0 PK			1.63 V	289	64.0	40.0
6	*5720.00	93.6 AV			1.63 V	289	53.6	40.0
7	#5825.00	55.9 PK	74.0	-18.1	1.66 V	291	51.3	4.6
8	#5825.00	42.2 AV	54.0	-11.8	1.66 V	291	37.6	4.6
9	11440.00	58.7 PK	74.0	-15.3	2.89 V	138	40.8	17.9
10	11440.00	45.0 AV	54.0	-9.0	2.89 V	138	27.1	17.9

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) – Pre-Amplifier 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 149	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	#5648.80	50.6 PK	68.2	-17.6	2.42 H	89	46.3	4.3
2	*5745.00	109.2 PK			2.42 H	89	69.1	40.1
3	*5745.00	99.5 AV			2.42 H	89	59.4	40.1
4	#5964.80	50.5 PK	68.2	-17.7	2.42 H	89	45.5	5.0
5	11490.00	59.5 PK	74.0	-14.5	1.77 H	241	41.7	17.8
6	11490.00	46.3 AV	54.0	-7.7	1.77 H	241	28.5	17.8
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	#5649.60	51.1 PK	68.2	-17.1	1.19 V	255	46.8	4.3
2	*5745.00	105.8 PK			1.19 V	255	65.7	40.1
3	*5745.00	96.6 AV			1.19 V	255	56.5	40.1
4	#5985.60	51.5 PK	68.2	-16.7	1.19 V	255	46.5	5.0
5	11490.00	59.3 PK	74.0	-14.7	1.86 V	197	41.5	17.8
6	11490.00	45.9 AV	54.0	-8.1	1.86 V	197	28.1	17.8

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) – Pre-Amplifier 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 157	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	#5615.20	51.5 PK	68.2	-16.7	2.38 H	88	47.3	4.2
2	*5785.00	109.4 PK			2.38 H	88	69.1	40.3
3	*5785.00	99.0 AV			2.38 H	88	58.7	40.3
4	#5959.20	51.0 PK	68.2	-17.2	2.38 H	88	46.0	5.0
5	11570.00	60.4 PK	74.0	-13.6	1.93 H	211	42.3	18.1
6	11570.00	46.7 AV	54.0	-7.3	1.93 H	211	28.6	18.1
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	#5614.40	51.0 PK	68.2	-17.2	1.10 V	253	46.8	4.2
2	*5785.00	107.1 PK			1.10 V	253	66.8	40.3
3	*5785.00	96.9 AV			1.10 V	253	56.6	40.3
4	#5975.20	51.6 PK	68.2	-16.6	1.10 V	253	46.6	5.0
5	11570.00	60.0 PK	74.0	-14.0	2.13 V	233	41.9	18.1
6	11570.00	46.4 AV	54.0	-7.6	2.13 V	233	28.3	18.1

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) – Pre-Amplifier 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 165	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	#5616.00	51.0 PK	68.2	-17.2	2.42 H	90	46.8	4.2
2	*5825.00	110.1 PK			2.42 H	90	69.6	40.5
3	*5825.00	99.8 AV			2.42 H	90	59.3	40.5
4	#5971.20	51.5 PK	68.2	-16.7	2.42 H	90	46.5	5.0
5	11650.00	60.1 PK	74.0	-13.9	1.90 H	199	42.4	17.7
6	11650.00	46.2 AV	54.0	-7.8	1.90 H	199	28.5	17.7
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	#5615.20	51.1 PK	68.2	-17.1	1.05 V	252	46.9	4.2
2	*5825.00	107.6 PK			1.05 V	252	67.1	40.5
3	*5825.00	96.9 AV			1.05 V	252	56.4	40.5
4	#5980.00	51.5 PK	68.2	-16.7	1.05 V	252	46.5	5.0
5	11650.00	59.1 PK	74.0	-14.9	2.34 V	166	41.4	17.7
6	11650.00	46.1 AV	54.0	-7.9	2.34 V	166	28.4	17.7

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) – Pre-Amplifier 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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	63.6 PK	74.0	-10.4	2.48 H	253	59.9	3.7
2	5150.00	47.6 AV	54.0	-6.4	2.48 H	253	43.9	3.7
3	*5180.00	111.2 PK			2.54 H	242	71.6	39.6
4	*5180.00	99.7 AV			2.54 H	242	60.1	39.6
5	#10360.00	58.3 PK	74.0	-15.7	1.71 H	159	42.7	15.6
6	#10360.00	44.7 AV	54.0	-9.3	1.71 H	159	29.1	15.6
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	63.7 PK	74.0	-10.3	1.44 V	63	60.0	3.7
2	5150.00	47.0 AV	54.0	-7.0	1.44 V	63	43.3	3.7
3	*5180.00	108.9 PK			1.24 V	45	69.3	39.6
4	*5180.00	98.4 AV			1.24 V	45	58.8	39.6
5	#10360.00	58.0 PK	74.0	-16.0	1.89 V	197	42.4	15.6
6	#10360.00	44.5 AV	54.0	-9.5	1.89 V	197	28.9	15.6

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) – Pre-Amplifier 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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	112.9 PK			2.64 H	247	73.3	39.6
2	*5200.00	102.9 AV			2.64 H	247	63.3	39.6
3	#10400.00	57.7 PK	74.0	-16.3	1.83 H	188	42.1	15.6
4	#10400.00	44.6 AV	54.0	-9.4	1.83 H	188	29.0	15.6
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	111.2 PK			1.35 V	77	71.6	39.6
2	*5200.00	101.2 AV			1.35 V	77	61.6	39.6
3	#10400.00	57.3 PK	74.0	-16.7	1.93 V	175	41.7	15.6
4	#10400.00	44.5 AV	54.0	-9.5	1.93 V	175	28.9	15.6

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) – Pre-Amplifier 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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	111.1 PK			2.63 H	248	71.7	39.4
2	*5240.00	101.2 AV			2.63 H	248	61.8	39.4
3	5350.00	54.8 PK	74.0	-19.2	2.50 H	250	51.0	3.8
4	5350.00	44.0 AV	54.0	-10.0	2.50 H	250	40.2	3.8
5	#10480.00	58.1 PK	74.0	-15.9	1.88 H	179	41.5	16.6
6	#10480.00	44.4 AV	54.0	-9.6	1.88 H	179	27.8	16.6
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	110.9 PK			1.38 V	105	71.5	39.4
2	*5240.00	100.2 AV			1.38 V	105	60.8	39.4
3	5350.00	45.7 PK	74.0	-28.3	1.55 V	83	41.9	3.8
4	5350.00	43.7 AV	54.0	-10.3	1.55 V	83	39.9	3.8
5	#10480.00	57.9 PK	74.0	-16.1	1.87 V	179	41.3	16.6
6	#10480.00	44.0 AV	54.0	-10.0	1.87 V	179	27.4	16.6

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) – Pre-Amplifier 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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	1.83 H	265	52.6	3.7
2	5150.00	42.7 AV	54.0	-11.3	1.83 H	265	39.0	3.7
3	*5260.00	111.5 PK			1.98 H	165	72.1	39.4
4	*5260.00	101.2 AV			1.98 H	165	61.8	39.4
5	#10520.00	58.4 PK	74.0	-15.6	2.38 H	166	41.6	16.8
6	#10520.00	44.8 AV	54.0	-9.2	2.38 H	166	28.0	16.8
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	54.8 PK	74.0	-19.2	1.76 V	79	51.1	3.7
2	5150.00	42.1 AV	54.0	-11.9	1.76 V	79	38.4	3.7
3	*5260.00	110.1 PK			1.60 V	23	70.7	39.4
4	*5260.00	100.9 AV			1.60 V	23	61.5	39.4
5	#10520.00	57.7 PK	74.0	-16.3	2.32 V	188	40.9	16.8
6	#10520.00	44.5 AV	54.0	-9.5	2.32 V	188	27.7	16.8

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) – Pre-Amplifier 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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	111.3 PK			1.74 H	165	71.9	39.4
2	*5300.00	101.0 AV			1.74 H	165	61.6	39.4
3	10600.00	58.7 PK	74.0	-15.3	2.18 H	269	41.8	16.9
4	10600.00	45.1 AV	54.0	-8.9	2.18 H	269	28.2	16.9
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	109.1 PK			1.96 V	22	69.7	39.4
2	*5300.00	97.8 AV			1.96 V	22	58.4	39.4
3	10600.00	58.1 PK	74.0	-15.9	2.29 V	144	41.2	16.9
4	10600.00	44.8 AV	54.0	-9.2	2.29 V	144	27.9	16.9

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) – Pre-Amplifier 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 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	106.9 PK			1.89 H	164	67.4	39.5
2	*5320.00	95.2 AV			1.89 H	164	55.7	39.5
3	5350.00	56.2 PK	74.0	-17.8	1.88 H	196	52.4	3.8
4	5350.00	42.8 AV	54.0	-11.2	1.88 H	196	39.0	3.8
5	10640.00	58.6 PK	74.0	-15.4	1.72 H	183	41.6	17.0
6	10640.00	44.9 AV	54.0	-9.1	1.72 H	183	27.9	17.0
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	103.2 PK			1.63 V	24	63.7	39.5
2	*5320.00	92.2 AV			1.63 V	24	52.7	39.5
3	5350.00	55.1 PK	74.0	-18.9	1.65 V	43	51.3	3.8
4	5350.00	42.1 AV	54.0	-11.9	1.65 V	43	38.3	3.8
5	10640.00	58.9 PK	74.0	-15.1	2.21 V	78	41.9	17.0
6	10640.00	44.6 AV	54.0	-9.4	2.21 V	78	27.6	17.0

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) – Pre-Amplifier 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 100	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	56.7 PK	74.0	-17.3	2.62 H	170	52.5	4.2
2	5460.00	43.6 AV	54.0	-10.4	2.62 H	170	39.4	4.2
3	#5470.00	61.8 PK	74.0	-12.2	2.62 H	170	57.6	4.2
4	#5470.00	44.9 AV	54.0	-9.1	2.62 H	170	40.7	4.2
5	*5500.00	110.0 PK			2.86 H	170	69.9	40.1
6	*5500.00	99.4 AV			2.86 H	170	59.3	40.1
7	11000.00	60.1 PK	74.0	-13.9	2.33 H	79	41.4	18.7
8	11000.00	46.8 AV	54.0	-7.2	2.33 H	79	28.1	18.7
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	54.0 PK	74.0	-20.0	1.83 V	61	49.8	4.2
2	5460.00	41.9 AV	54.0	-12.1	1.83 V	61	37.7	4.2
3	#5470.00	58.5 PK	74.0	-15.5	1.72 V	65	54.3	4.2
4	#5470.00	44.1 AV	54.0	-9.9	1.72 V	65	39.9	4.2
5	*5500.00	107.4 PK			1.68 V	46	67.3	40.1
6	*5500.00	97.2 AV			1.68 V	46	57.1	40.1
7	11000.00	60.0 PK	74.0	-14.0	2.36 V	131	41.3	18.7
8	11000.00	46.5 AV	54.0	-7.5	2.36 V	131	27.8	18.7

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) – Pre-Amplifier 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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	112.0 PK			1.45 H	165	72.0	40.0
2	*5580.00	101.1 AV			1.45 H	165	61.1	40.0
3	11160.00	58.6 PK	74.0	-15.4	2.24 H	186	40.9	17.7
4	11160.00	45.6 AV	54.0	-8.4	2.24 H	186	27.9	17.7
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	109.2 PK			1.67 V	91	69.2	40.0
2	*5580.00	99.4 AV			1.67 V	91	59.4	40.0
3	11160.00	58.5 PK	74.0	-15.5	2.43 V	184	40.8	17.7
4	11160.00	45.5 AV	54.0	-8.5	2.43 V	184	27.8	17.7

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) – Pre-Amplifier 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 140	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	107.9 PK			1.47 H	165	67.9	40.0
2	*5700.00	97.4 AV			1.47 H	165	57.4	40.0
3	#5725.00	59.2 PK	74.0	-14.8	1.61 H	210	55.1	4.1
4	#5725.00	45.1 AV	54.0	-8.9	1.61 H	210	41.0	4.1
5	11400.00	60.3 PK	74.0	-13.7	2.21 H	178	42.6	17.7
6	11400.00	46.7 AV	54.0	-7.3	2.21 H	178	29.0	17.7
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	105.9 PK			1.57 V	33	65.9	40.0
2	*5700.00	94.6 AV			1.57 V	33	54.6	40.0
3	#5725.00	60.1 PK	74.0	-13.9	1.50 V	48	56.0	4.1
4	#5725.00	44.0 AV	54.0	-10.0	1.50 V	48	39.9	4.1
5	11400.00	59.4 PK	74.0	-14.6	2.18 V	179	41.7	17.7
6	11400.00	46.0 AV	54.0	-8.0	2.18 V	179	28.3	17.7

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) – Pre-Amplifier 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 144	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	53.5 PK	74.0	-20.5	1.88 H	223	49.3	4.2
2	5460.00	41.3 AV	54.0	-12.7	1.88 H	223	37.1	4.2
3	#5470.00	55.1 PK	74.0	-18.9	1.94 H	211	50.9	4.2
4	#5470.00	41.8 AV	54.0	-12.2	1.94 H	211	37.6	4.2
5	*5720.00	110.6 PK			1.89 H	208	70.6	40.0
6	*5720.00	100.5 AV			1.89 H	208	60.5	40.0
7	#5825.00	55.6 PK	74.0	-18.4	2.00 H	194	51.0	4.6
8	#5825.00	42.4 AV	54.0	-11.6	2.00 H	194	37.8	4.6
9	11440.00	59.3 PK	74.0	-14.7	2.65 H	283	41.4	17.9
10	11440.00	45.6 AV	54.0	-8.4	2.65 H	283	27.7	17.9
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	54.1 PK	74.0	-19.9	1.56 V	325	49.9	4.2
2	5460.00	41.7 AV	54.0	-12.3	1.56 V	325	37.5	4.2
3	#5470.00	55.4 PK	74.0	-18.6	1.56 V	325	51.2	4.2
4	#5470.00	42.6 AV	54.0	-11.4	1.56 V	325	38.4	4.2
5	*5720.00	109.4 PK			1.56 V	312	69.4	40.0
6	*5720.00	99.5 AV			1.56 V	312	59.5	40.0
7	#5825.00	56.1 PK	74.0	-17.9	1.66 V	313	51.5	4.6
8	#5825.00	42.9 AV	54.0	-11.1	1.66 V	313	38.3	4.6
9	11440.00	60.2 PK	74.0	-13.8	2.38 V	226	42.3	17.9
10	11440.00	46.6 AV	54.0	-7.4	2.38 V	226	28.7	17.9

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) – Pre-Amplifier 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 149	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	#5637.60	51.8 PK	68.2	-16.4	2.65 H	165	47.6	4.2
2	*5745.00	113.4 PK			2.65 H	165	73.3	40.1
3	*5745.00	103.0 AV			2.65 H	165	62.9	40.1
4	#5988.00	53.4 PK	68.2	-14.8	2.65 H	165	48.4	5.0
5	11490.00	60.3 PK	74.0	-13.7	2.44 H	233	42.5	17.8
6	11490.00	47.1 AV	54.0	-6.9	2.44 H	233	29.3	17.8
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	#5613.60	55.4 PK	68.2	-12.8	1.91 V	312	51.2	4.2
2	*5745.00	109.9 PK			1.91 V	312	69.8	40.1
3	*5745.00	99.4 AV			1.91 V	312	59.3	40.1
4	#5986.40	56.0 PK	68.2	-12.2	1.91 V	312	51.0	5.0
5	11490.00	60.1 PK	74.0	-13.9	1.86 V	155	42.3	17.8
6	11490.00	46.6 AV	54.0	-7.4	1.86 V	155	28.8	17.8

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) – Pre-Amplifier 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 157	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	#5623.20	51.8 PK	68.2	-16.4	2.47 H	180	47.6	4.2
2	*5785.00	112.0 PK			2.47 H	180	71.7	40.3
3	*5785.00	101.7 AV			2.47 H	180	61.4	40.3
4	#5991.20	51.2 PK	68.2	-17.0	2.47 H	180	46.2	5.0
5	11570.00	60.5 PK	74.0	-13.5	2.11 H	293	42.4	18.1
6	11570.00	47.2 AV	54.0	-6.8	2.11 H	293	29.1	18.1
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	#5607.20	54.8 PK	68.2	-13.4	1.92 V	10	50.6	4.2
2	*5785.00	110.0 PK			1.92 V	10	69.7	40.3
3	*5785.00	99.5 AV			1.92 V	10	59.2	40.3
4	#5947.20	56.4 PK	68.2	-11.8	1.92 V	10	51.4	5.0
5	11570.00	60.2 PK	74.0	-13.8	1.67 V	236	42.1	18.1
6	11570.00	46.5 AV	54.0	-7.5	1.67 V	236	28.4	18.1

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) – Pre-Amplifier 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 165	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	#5624.80	51.4 PK	68.2	-16.8	2.44 H	170	47.2	4.2
2	*5825.00	112.7 PK			2.44 H	170	72.2	40.5
3	*5825.00	102.4 AV			2.44 H	170	61.9	40.5
4	#5925.60	51.8 PK	68.2	-16.4	2.44 H	170	46.9	4.9
5	11650.00	59.8 PK	74.0	-14.2	1.99 H	231	42.1	17.7
6	11650.00	46.6 AV	54.0	-7.4	1.99 H	231	28.9	17.7
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	#5636.00	55.4 PK	68.2	-12.8	1.79 V	225	51.2	4.2
2	*5825.00	110.9 PK			1.79 V	225	70.4	40.5
3	*5825.00	100.0 AV			1.79 V	225	59.5	40.5
4	#5945.60	57.0 PK	68.2	-11.2	1.79 V	225	52.0	5.0
5	11650.00	59.4 PK	74.0	-14.6	2.03 V	222	41.7	17.7
6	11650.00	46.3 AV	54.0	-7.7	2.03 V	222	28.6	17.7

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) – Pre-Amplifier 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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	60.5 PK	74.0	-13.5	2.55 H	256	56.8	3.7
2	5150.00	43.2 AV	54.0	-10.8	2.55 H	256	39.5	3.7
3	*5190.00	101.5 PK			2.48 H	244	61.9	39.6
4	*5190.00	91.8 AV			2.48 H	244	52.2	39.6
5	#10380.00	57.8 PK	74.0	-16.2	1.97 H	188	42.2	15.6
6	#10380.00	44.3 AV	54.0	-9.7	1.97 H	188	28.7	15.6
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	59.3 PK	74.0	-14.7	1.49 V	99	55.6	3.7
2	5150.00	42.4 AV	54.0	-11.6	1.49 V	99	38.7	3.7
3	*5190.00	99.9 PK			1.24 V	70	60.3	39.6
4	*5190.00	89.7 AV			1.24 V	70	50.1	39.6
5	#10380.00	57.6 PK	74.0	-16.4	1.82 V	169	42.0	15.6
6	#10380.00	44.0 AV	54.0	-10.0	1.82 V	169	28.4	15.6

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) – Pre-Amplifier 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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	108.1 PK			3.03 H	168	68.7	39.4
2	*5230.00	98.3 AV			3.03 H	168	58.9	39.4
3	5350.00	56.2 PK	74.0	-17.8	2.62 H	203	52.4	3.8
4	5350.00	42.6 AV	54.0	-11.4	2.62 H	203	38.8	3.8
5	#10460.00	57.6 PK	74.0	-16.4	1.75 H	201	41.4	16.2
6	#10460.00	44.3 AV	54.0	-9.7	1.75 H	201	28.1	16.2
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	107.5 PK			1.42 V	103	68.1	39.4
2	*5230.00	97.5 AV			1.42 V	103	58.1	39.4
3	5350.00	55.9 PK	74.0	-18.1	1.33 V	87	52.1	3.8
4	5350.00	42.5 AV	54.0	-11.5	1.33 V	87	38.7	3.8
5	#10460.00	57.4 PK	74.0	-16.6	2.03 V	212	41.2	16.2
6	#10460.00	44.0 AV	54.0	-10.0	2.03 V	212	27.8	16.2

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) – Pre-Amplifier 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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	55.5 PK	74.0	-18.5	1.88 H	201	51.8	3.7
2	5150.00	42.3 AV	54.0	-11.7	1.88 H	201	38.6	3.7
3	*5270.00	107.6 PK			1.92 H	166	68.2	39.4
4	*5270.00	97.2 AV			1.92 H	166	57.8	39.4
5	#10540.00	59.0 PK	74.0	-15.0	2.01 H	183	42.1	16.9
6	#10540.00	45.4 AV	54.0	-8.6	2.01 H	183	28.5	16.9
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	54.4 PK	74.0	-19.6	1.84 V	29	50.7	3.7
2	5150.00	42.0 AV	54.0	-12.0	1.84 V	29	38.3	3.7
3	*5270.00	105.8 PK			1.59 V	23	66.4	39.4
4	*5270.00	95.7 AV			1.59 V	23	56.3	39.4
5	#10540.00	57.9 PK	74.0	-16.1	1.88 V	213	41.0	16.9
6	#10540.00	45.0 AV	54.0	-9.0	1.88 V	213	28.1	16.9

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) – Pre-Amplifier 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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	101.7 PK			1.77 H	170	62.3	39.4
2	*5310.00	93.0 AV			1.77 H	170	53.6	39.4
3	5350.00	55.3 PK	74.0	-18.7	1.55 H	201	51.5	3.8
4	5350.00	42.5 AV	54.0	-11.5	1.55 H	201	38.7	3.8
5	10620.00	58.8 PK	74.0	-15.2	2.52 H	99	41.7	17.1
6	10620.00	45.0 AV	54.0	-9.0	2.52 H	99	27.9	17.1
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	98.9 PK			1.60 V	94	59.5	39.4
2	*5310.00	88.2 AV			1.60 V	94	48.8	39.4
3	5350.00	55.1 PK	74.0	-18.9	1.84 V	113	51.3	3.8
4	5350.00	42.2 AV	54.0	-11.8	1.84 V	113	38.4	3.8
5	10620.00	57.7 PK	74.0	-16.3	1.54 V	261	40.6	17.1
6	10620.00	44.9 AV	54.0	-9.1	1.54 V	261	27.8	17.1

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) – Pre-Amplifier 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 102	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	54.0 PK	74.0	-20.0	1.44 H	184	49.8	4.2
2	5460.00	42.1 AV	54.0	-11.9	1.44 H	184	37.9	4.2
3	#5470.00	56.7 PK	74.0	-17.3	1.34 H	173	52.5	4.2
4	#5470.00	43.5 AV	54.0	-10.5	1.34 H	173	39.3	4.2
5	*5510.00	102.3 PK			1.71 H	175	62.2	40.1
6	*5510.00	91.2 AV			1.71 H	175	51.1	40.1
7	11020.00	59.2 PK	74.0	-14.8	2.14 H	194	40.7	18.5
8	11020.00	46.7 AV	54.0	-7.3	2.14 H	194	28.2	18.5
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	54.8 PK	74.0	-19.2	1.72 V	104	50.6	4.2
2	5460.00	42.4 AV	54.0	-11.6	1.72 V	104	38.2	4.2
3	#5470.00	56.7 PK	74.0	-17.3	1.67 V	88	52.5	4.2
4	#5470.00	43.1 AV	54.0	-10.9	1.67 V	88	38.9	4.2
5	*5510.00	99.8 PK			1.48 V	89	59.7	40.1
6	*5510.00	89.6 AV			1.48 V	89	49.5	40.1
7	11020.00	59.8 PK	74.0	-14.2	1.69 V	148	41.3	18.5
8	11020.00	46.3 AV	54.0	-7.7	1.69 V	148	27.8	18.5

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) – Pre-Amplifier 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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	109.2 PK			1.67 H	175	69.2	40.0
2	*5550.00	98.9 AV			1.67 H	175	58.9	40.0
3	11100.00	59.0 PK	74.0	-15.0	1.89 H	241	41.4	17.6
4	11100.00	45.7 AV	54.0	-8.3	1.89 H	241	28.1	17.6
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	105.7 PK			1.49 V	87	65.7	40.0
2	*5550.00	95.7 AV			1.49 V	87	55.7	40.0
3	11100.00	58.7 PK	74.0	-15.3	2.22 V	186	41.1	17.6
4	11100.00	45.5 AV	54.0	-8.5	2.22 V	186	27.9	17.6

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) – Pre-Amplifier 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 134	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	106.9 PK			1.55 H	165	66.8	40.1
2	*5670.00	98.5 AV			1.55 H	165	58.4	40.1
3	#5725.00	57.6 PK	74.0	-16.4	1.98 H	147	53.5	4.1
4	#5725.00	45.3 AV	54.0	-8.7	1.98 H	147	41.2	4.1
5	11340.00	59.8 PK	74.0	-14.2	2.65 H	217	41.9	17.9
6	11340.00	47.0 AV	54.0	-7.0	2.65 H	217	29.1	17.9
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	103.1 PK			1.50 V	91	63.0	40.1
2	*5670.00	93.3 AV			1.50 V	91	53.2	40.1
3	#5725.00	57.6 PK	74.0	-16.4	1.61 V	107	53.5	4.1
4	#5725.00	44.3 AV	54.0	-9.7	1.61 V	107	40.2	4.1
5	11340.00	61.0 PK	74.0	-13.0	2.64 V	189	43.1	17.9
6	11340.00	46.3 AV	54.0	-7.7	2.64 V	189	28.4	17.9

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) – Pre-Amplifier 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 142	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	54.5 PK	74.0	-19.5	2.01 H	224	50.3	4.2
2	5460.00	42.0 AV	54.0	-12.0	2.01 H	224	37.8	4.2
3	#5470.00	55.8 PK	74.0	-18.2	1.89 H	214	51.6	4.2
4	#5470.00	42.6 AV	54.0	-11.4	1.89 H	214	38.4	4.2
5	*5710.00	107.9 PK			1.89 H	208	67.9	40.0
6	*5710.00	98.3 AV			1.89 H	208	58.3	40.0
7	#5825.00	56.7 PK	74.0	-17.3	1.94 H	205	52.1	4.6
8	#5825.00	45.2 AV	54.0	-8.8	1.94 H	205	40.6	4.6
9	11420.00	58.4 PK	74.0	-15.6	2.64 H	182	40.6	17.8
10	11420.00	46.0 AV	54.0	-8.0	2.64 H	182	28.2	17.8
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	54.4 PK	74.0	-19.6	1.55 V	304	50.2	4.2
2	5460.00	42.1 AV	54.0	-11.9	1.55 V	304	37.9	4.2
3	#5470.00	55.7 PK	74.0	-18.3	1.62 V	321	51.5	4.2
4	#5470.00	42.4 AV	54.0	-11.6	1.62 V	321	38.2	4.2
5	*5710.00	107.4 PK			1.60 V	312	67.4	40.0
6	*5710.00	97.3 AV			1.60 V	312	57.3	40.0
7	#5825.00	57.1 PK	74.0	-16.9	1.65 V	296	52.5	4.6
8	#5825.00	44.7 AV	54.0	-9.3	1.65 V	296	40.1	4.6
9	11420.00	59.5 PK	74.0	-14.5	1.89 V	231	41.7	17.8
10	11420.00	46.4 AV	54.0	-7.6	1.89 V	231	28.6	17.8

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) – Pre-Amplifier 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 151	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	#5619.20	52.0 PK	68.2	-16.2	2.60 H	171	47.8	4.2
2	*5755.00	107.4 PK			2.60 H	171	67.3	40.1
3	*5755.00	97.0 AV			2.60 H	171	56.9	40.1
4	#5975.20	51.5 PK	68.2	-16.7	2.60 H	171	46.5	5.0
5	11510.00	60.3 PK	74.0	-13.7	2.19 H	251	42.5	17.8
6	11510.00	47.0 AV	54.0	-7.0	2.19 H	251	29.2	17.8
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	#5620.80	54.9 PK	68.2	-13.3	1.81 V	225	50.7	4.2
2	*5755.00	105.6 PK			1.81 V	225	65.5	40.1
3	*5755.00	95.2 AV			1.81 V	225	55.1	40.1
4	#5959.20	56.5 PK	68.2	-11.7	1.81 V	225	51.5	5.0
5	11510.00	60.0 PK	74.0	-14.0	1.73 V	189	42.2	17.8
6	11510.00	46.5 AV	54.0	-7.5	1.73 V	189	28.7	17.8

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) – Pre-Amplifier 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 159	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	#5624.00	51.9 PK	68.2	-16.3	2.29 H	176	47.7	4.2
2	*5795.00	110.1 PK			2.29 H	176	69.8	40.3
3	*5795.00	99.8 AV			2.29 H	176	59.5	40.3
4	#5956.80	51.5 PK	68.2	-16.7	2.29 H	176	46.5	5.0
5	11590.00	60.3 PK	74.0	-13.7	2.22 H	234	42.3	18.0
6	11590.00	47.1 AV	54.0	-6.9	2.22 H	234	29.1	18.0
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	#5642.40	55.9 PK	68.2	-12.3	1.72 V	346	51.6	4.3
2	*5795.00	108.3 PK			1.72 V	346	68.0	40.3
3	*5795.00	98.2 AV			1.72 V	346	57.9	40.3
4	#5960.80	56.7 PK	68.2	-11.5	1.72 V	346	51.7	5.0
5	11590.00	59.8 PK	74.0	-14.2	1.93 V	197	41.8	18.0
6	11590.00	46.7 AV	54.0	-7.3	1.93 V	197	28.7	18.0

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) – Pre-Amplifier 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.

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CHANNEL	TX Channel 42	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	59.2 PK	74.0	-14.8	2.55 H	256	55.5	3.7
2	5150.00	44.6 AV	54.0	-9.4	2.55 H	256	40.9	3.7
3	*5210.00	98.8 PK			2.57 H	246	59.3	39.5
4	*5210.00	84.5 AV			2.57 H	246	45.0	39.5
5	5350.00	56.9 PK	74.0	-17.1	2.61 H	254	53.1	3.8
6	5350.00	42.1 AV	54.0	-11.9	2.61 H	254	38.3	3.8
7	#10420.00	57.4 PK	74.0	-16.6	1.99 H	222	41.6	15.8
8	#10420.00	44.0 AV	54.0	-10.0	1.99 H	222	28.2	15.8
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	59.3 PK	74.0	-14.7	1.31 V	93	55.6	3.7
2	5150.00	44.9 AV	54.0	-9.1	1.31 V	93	41.2	3.7
3	*5210.00	98.1 PK			1.22 V	83	58.6	39.5
4	*5210.00	84.1 AV			1.22 V	83	44.6	39.5
5	5350.00	55.6 PK	74.0	-18.4	1.29 V	99	51.8	3.8
6	5350.00	42.0 AV	54.0	-12.0	1.29 V	99	38.2	3.8
7	#10420.00	57.2 PK	74.0	-16.8	1.93 V	183	41.4	15.8
8	#10420.00	43.8 AV	54.0	-10.2	1.93 V	183	28.0	15.8

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) – Pre-Amplifier 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 58	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	54.8 PK	74.0	-19.2	2.13 H	199	51.1	3.7
2	5150.00	41.9 AV	54.0	-12.1	2.13 H	199	38.2	3.7
3	*5290.00	97.6 PK			2.50 H	243	58.2	39.4
4	*5290.00	83.1 AV			2.50 H	243	43.7	39.4
5	5350.00	54.7 PK	74.0	-19.3	2.31 H	243	50.9	3.8
6	5350.00	43.7 AV	54.0	-10.3	2.31 H	243	39.9	3.8
7	#10580.00	58.6 PK	74.0	-15.4	3.31 H	146	41.6	17.0
8	#10580.00	45.5 AV	54.0	-8.5	3.31 H	146	28.5	17.0
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	54.6 PK	74.0	-19.4	1.55 V	108	50.9	3.7
2	5150.00	41.8 AV	54.0	-12.2	1.55 V	108	38.1	3.7
3	*5290.00	95.5 PK			1.50 V	96	56.1	39.4
4	*5290.00	81.6 AV			1.50 V	96	42.2	39.4
5	5350.00	55.2 PK	74.0	-18.8	1.67 V	56	51.4	3.8
6	5350.00	42.0 AV	54.0	-12.0	1.67 V	56	38.2	3.8
7	#10580.00	58.0 PK	74.0	-16.0	2.21 V	186	41.0	17.0
8	#10580.00	45.3 AV	54.0	-8.7	2.21 V	186	28.3	17.0

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) – Pre-Amplifier 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 106	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	54.3 PK	74.0	-19.7	2.01 H	188	50.1	4.2
2	5460.00	42.2 AV	54.0	-11.8	2.01 H	188	38.0	4.2
3	#5470.00	56.4 PK	74.0	-17.6	1.72 H	199	52.2	4.2
4	#5470.00	43.4 AV	54.0	-10.6	1.72 H	199	39.2	4.2
5	*5530.00	96.0 PK			1.65 H	174	55.9	40.1
6	*5530.00	82.2 AV			1.65 H	174	42.1	40.1
7	#5725.00	55.7 PK	74.0	-18.3	1.76 H	217	51.6	4.1
8	#5725.00	42.4 AV	54.0	-11.6	1.76 H	217	38.3	4.1
9	11060.00	59.6 PK	74.0	-14.4	2.64 H	186	41.6	18.0
10	11060.00	46.0 AV	54.0	-8.0	2.64 H	186	28.0	18.0
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	54.7 PK	74.0	-19.3	1.51 V	69	50.5	4.2
2	5460.00	43.3 AV	54.0	-10.7	1.51 V	69	39.1	4.2
3	#5470.00	57.1 PK	74.0	-16.9	1.44 V	126	52.9	4.2
4	#5470.00	44.5 AV	54.0	-9.5	1.44 V	126	40.3	4.2
5	*5530.00	95.4 PK			1.60 V	94	55.3	40.1
6	*5530.00	82.0 AV			1.60 V	94	41.9	40.1
7	#5725.00	45.5 PK	74.0	-28.5	1.71 V	84	41.4	4.1
8	#5725.00	42.0 AV	54.0	-12.0	1.71 V	84	37.9	4.1
9	11060.00	59.3 PK	74.0	-14.7	2.67 V	157	41.3	18.0
10	11060.00	46.0 AV	54.0	-8.0	2.67 V	157	28.0	18.0

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) – Pre-Amplifier 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 122	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	1.62 H	223	51.4	4.2
2	5460.00	43.6 AV	54.0	-10.4	1.62 H	223	39.4	4.2
3	#5470.00	57.1 PK	74.0	-16.9	1.66 H	238	52.9	4.2
4	#5470.00	48.0 AV	54.0	-6.0	1.66 H	238	43.8	4.2
5	*5610.00	102.8 PK			1.62 H	222	62.7	40.1
6	*5610.00	88.2 AV			1.62 H	222	48.1	40.1
7	#5725.00	56.9 PK	74.0	-17.1	1.71 H	223	52.8	4.1
8	#5725.00	43.6 AV	54.0	-10.4	1.71 H	223	39.5	4.1
9	11220.00	58.5 PK	74.0	-15.5	2.38 H	116	40.6	17.9
10	11220.00	45.7 AV	54.0	-8.3	2.38 H	116	27.8	17.9
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	54.2 PK	74.0	-19.8	1.71 V	313	50.0	4.2
2	5460.00	42.4 AV	54.0	-11.6	1.71 V	313	38.2	4.2
3	#5470.00	55.9 PK	74.0	-18.1	1.77 V	322	51.7	4.2
4	#5470.00	44.4 AV	54.0	-9.6	1.77 V	322	40.2	4.2
5	*5610.00	100.9 PK			1.70 V	344	60.8	40.1
6	*5610.00	87.2 AV			1.70 V	344	47.1	40.1
7	#5725.00	56.5 PK	74.0	-17.5	1.75 V	341	52.4	4.1
8	#5725.00	45.7 AV	54.0	-8.3	1.75 V	341	41.6	4.1
9	11220.00	59.4 PK	74.0	-14.6	1.97 V	224	41.5	17.9
10	11220.00	46.0 AV	54.0	-8.0	1.97 V	224	28.1	17.9

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) – Pre-Amplifier 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 138	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	56.0 PK	74.0	-18.0	1.48 H	202	51.8	4.2
2	5460.00	42.8 AV	54.0	-11.2	1.48 H	202	38.6	4.2
3	#5470.00	57.6 PK	74.0	-16.4	1.57 H	204	53.4	4.2
4	#5470.00	43.7 AV	54.0	-10.3	1.57 H	204	39.5	4.2
5	*5690.00	104.8 PK			1.49 H	222	64.8	40.0
6	*5690.00	90.3 AV			1.49 H	222	50.3	40.0
7	#5825.00	63.5 PK	74.0	-10.5	1.62 H	283	58.9	4.6
8	**#5825.00**	**51.2 AV**	**54.0**	**-2.8**	**1.62 H**	**283**	**46.6**	**4.6**
9	11380.00	58.5 PK	74.0	-15.5	2.21 H	138	40.7	17.8
10	11380.00	46.4 AV	54.0	-7.6	2.21 H	138	28.6	17.8
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	54.1 PK	74.0	-19.9	1.71 V	294	49.9	4.2
2	5460.00	42.0 AV	54.0	-12.0	1.71 V	294	37.8	4.2
3	#5470.00	56.6 PK	74.0	-17.4	1.59 V	313	52.4	4.2
4	#5470.00	42.6 AV	54.0	-11.4	1.59 V	313	38.4	4.2
5	*5690.00	102.6 PK			1.66 V	310	62.6	40.0
6	*5690.00	89.3 AV			1.66 V	310	49.3	40.0
7	#5825.00	59.9 PK	74.0	-14.1	1.65 V	311	55.3	4.6
8	#5825.00	45.5 AV	54.0	-8.5	1.65 V	311	40.9	4.6
9	11380.00	59.4 PK	74.0	-14.6	2.64 V	188	41.6	17.8
10	11380.00	46.3 AV	54.0	-7.7	2.64 V	188	28.5	17.8

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) – Pre-Amplifier 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 155	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	#5646.40	53.0 PK	68.2	-15.2	1.86 H	246	48.7	4.3
2	#5650.00	58.2 PK	68.2	-10.0	1.99 H	261	53.9	4.3
3	*5775.00	103.9 PK			1.86 H	246	63.7	40.2
4	*5775.00	89.6 AV			1.86 H	246	49.4	40.2
5	#5925.00	56.5 PK	68.2	-11.7	2.03 H	258	51.6	4.9
6	#5979.20	51.5 PK	68.2	-16.7	1.86 H	246	46.5	5.0
7	11550.00	60.4 PK	74.0	-13.6	1.97 H	200	42.4	18.0
8	11550.00	47.0 AV	54.0	-7.0	1.97 H	200	29.0	18.0
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	#5619.20	55.6 PK	68.2	-12.6	1.71 V	63	51.4	4.2
2	#5650.00	56.3 PK	68.2	-11.9	1.91 V	99	52.0	4.3
3	*5775.00	101.6 PK			1.71 V	63	61.4	40.2
4	*5775.00	87.5 AV			1.71 V	63	47.3	40.2
5	#5925.00	56.6 PK	68.2	-11.6	1.79 V	89	51.7	4.9
6	#5926.40	56.6 PK	68.2	-11.6	1.71 V	63	51.7	4.9
7	11550.00	60.1 PK	74.0	-13.9	1.89 V	233	42.1	18.0
8	11550.00	46.7 AV	54.0	-7.3	1.89 V	233	28.7	18.0

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) – Pre-Amplifier 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: 802.11n (HT20)

CHANNEL	TX Channel 157	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 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	27.0 QP	40.0	-13.0	1.99 H	104	41.4	-14.4
2	86.28	27.6 QP	40.0	-12.4	1.99 H	337	47.0	-19.4
3	167.94	34.1 QP	43.5	-9.4	1.49 H	126	48.2	-14.1
4	311.82	39.5 QP	46.0	-6.5	1.00 H	184	52.0	-12.5
5	570.41	32.9 QP	46.0	-13.1	1.49 H	8	41.2	-8.3
6	599.58	34.5 QP	46.0	-11.5	1.00 H	110	41.8	-7.3
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	72.67	26.8 QP	40.0	-13.2	1.00 V	1	43.3	-16.5
2	136.84	28.0 QP	43.5	-15.5	1.00 V	225	42.8	-14.8
3	162.11	29.0 QP	43.5	-14.5	1.00 V	169	42.9	-13.9
4	311.82	31.9 QP	46.0	-14.1	1.50 V	153	44.4	-12.5
5	570.41	36.3 QP	46.0	-9.7	1.00 V	1	44.6	-8.3
6	599.58	31.0 QP	46.0	-15.0	1.50 V	147	38.3	-7.3

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) – Pre-Amplifier 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.	Cal. Date	Cal. Due
Test Receiver ROHDE & SCHWARZ	ESCI	100613	Nov. 23, 2017	Nov. 22, 2018
RF signal cable (with 10dB PAD) Woken	5D-FB	Cable-cond1-01	Sep. 05, 2017	Sep. 04, 2018
LISN ROHDE & SCHWARZ (EUT)	ESH3-Z5	835239/001	Mar. 06, 2018	Mar. 05, 2019
LISN ROHDE & SCHWARZ (Peripheral)	ESH3-Z5	100311	Aug. 15, 2017	Aug. 14, 2018
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 1.
3. The VCCI Site Registration No. is C-2040.

4.2.3 Test Procedures

a. 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.

b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

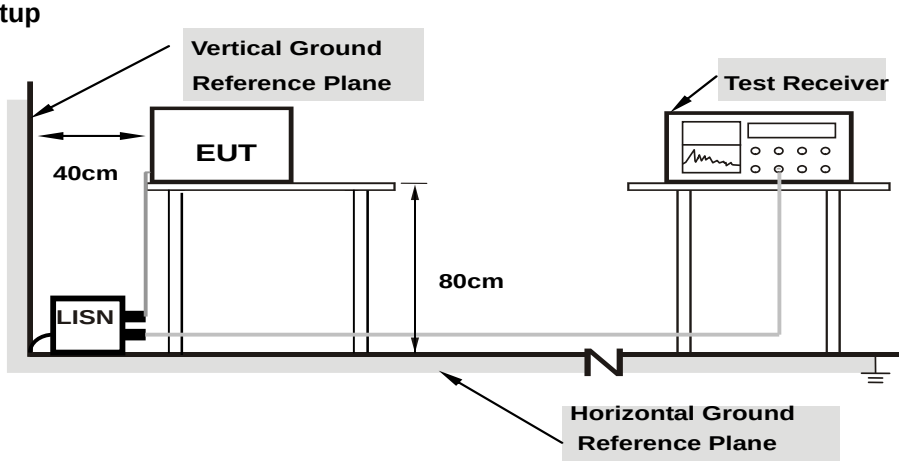
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

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

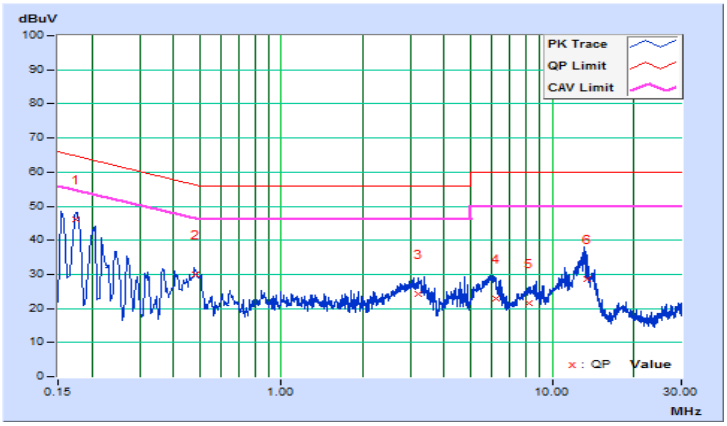
Worst-case data: 802.11n (HT20)

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	**0.17384**	**10.10**	**36.00**	**19.52**	**46.10**	**29.62**	**64.77**	**54.77**	**-18.67**	**-25.15**
2	0.48200	10.12	19.91	12.72	30.03	22.84	56.30	46.30	-26.27	-23.46
3	3.18664	10.24	13.92	8.24	24.16	18.48	56.00	46.00	-31.84	-27.52
4	6.17000	10.41	12.58	5.20	22.99	15.61	60.00	50.00	-37.01	-34.39
5	8.17800	10.52	11.14	5.55	21.66	16.07	60.00	50.00	-38.34	-33.93
6	13.40600	10.82	17.66	8.19	28.48	19.01	60.00	50.00	-31.52	-30.99

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.

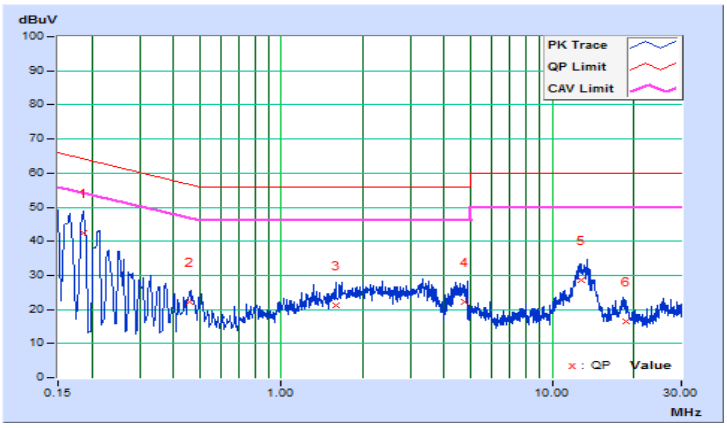


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.18519	10.10	32.45	13.40	42.55	23.50	64.25	54.25	-21.70	-30.75
2	0.45596	10.12	12.25	5.88	22.37	16.00	56.77	46.77	-34.40	-30.77
3	1.58953	10.16	11.12	6.33	21.28	16.49	56.00	46.00	-34.72	-29.51
4	4.72600	10.30	12.03	3.61	22.33	13.91	56.00	46.00	-33.67	-32.09
5	12.76200	10.64	17.86	11.90	28.50	22.54	60.00	50.00	-31.50	-27.46
6	18.65800	10.88	5.70	1.33	16.58	12.21	60.00	50.00	-43.42	-37.79

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.

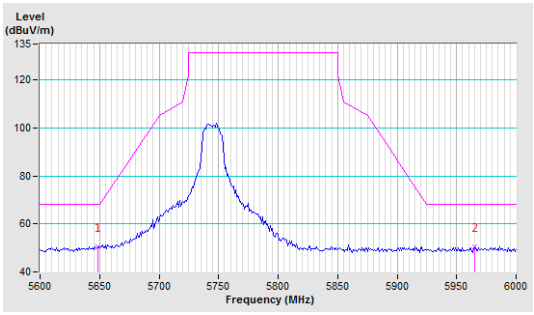
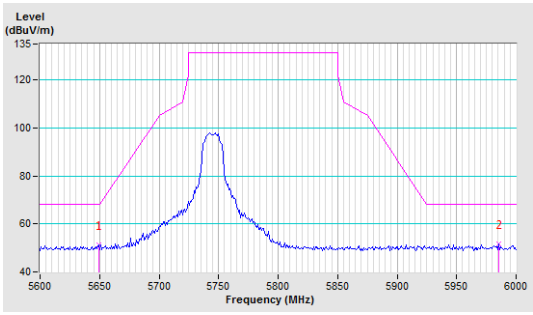


5 Pictures of Test Arrangements

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

Annex A- Radiated Out of Band Emission (OOBE) Measurement (For U-NII-3 band)

802.11a

CH149	
Horizontal	Vertical
	
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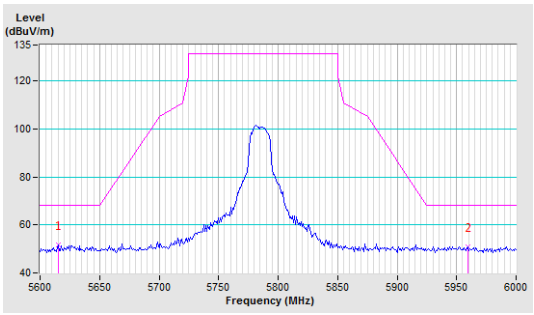
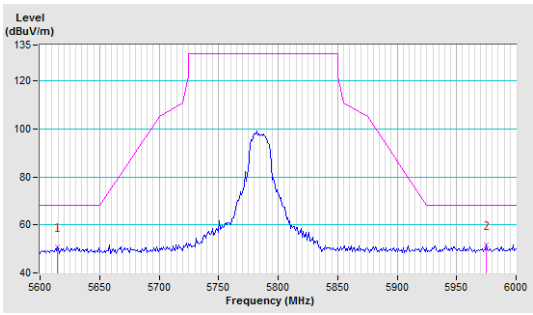
Horizontal	Vertical
	
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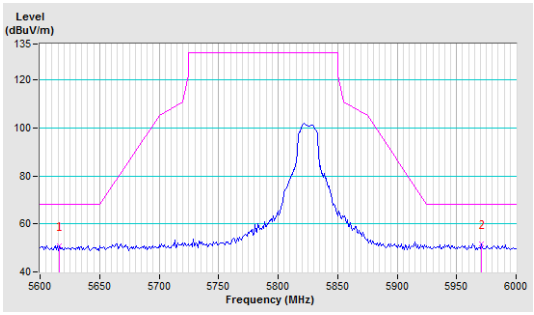	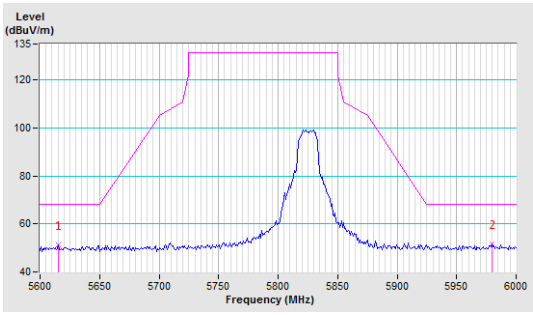

802.11n (HT20)

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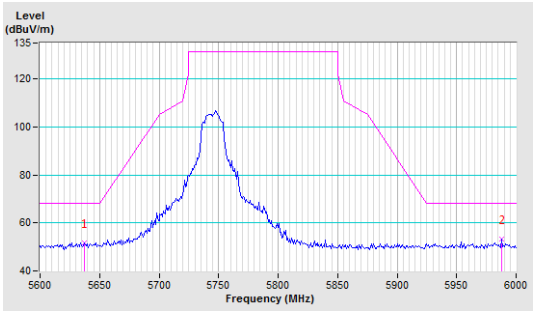	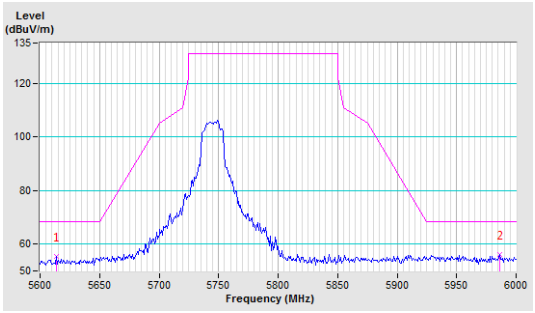
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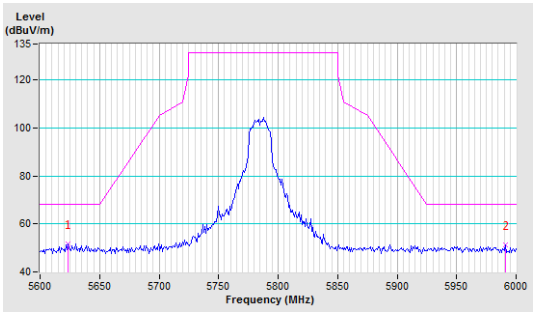	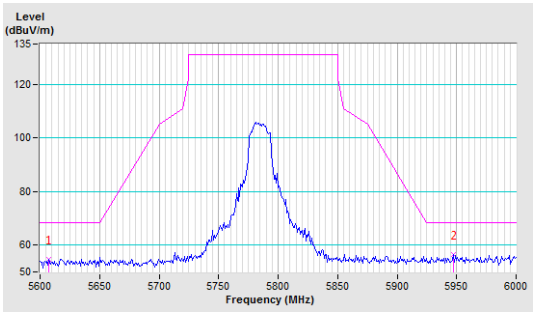
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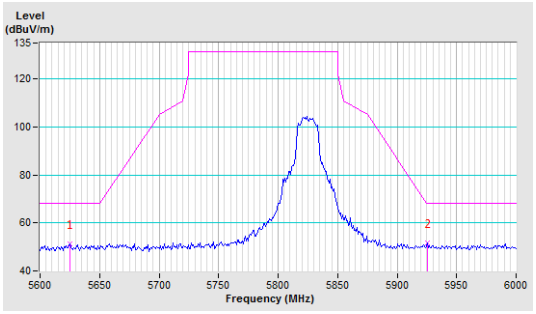	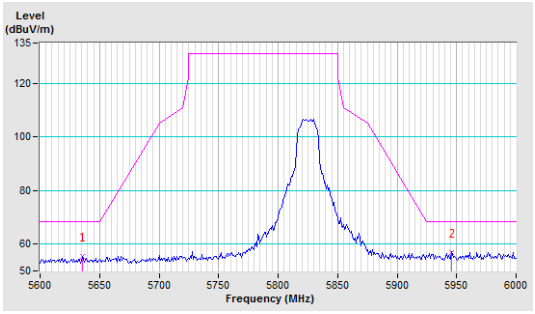

802.11n (HT40)

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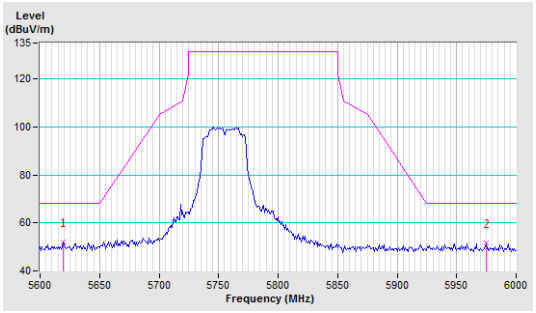	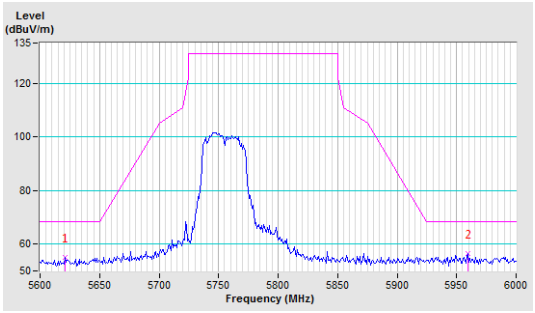
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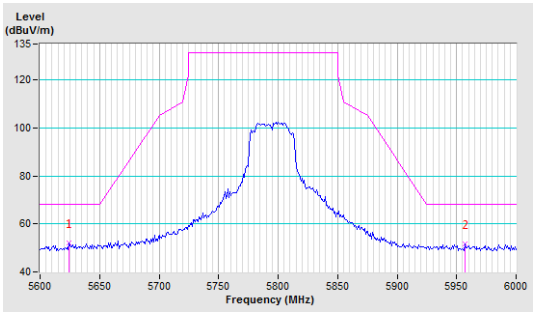	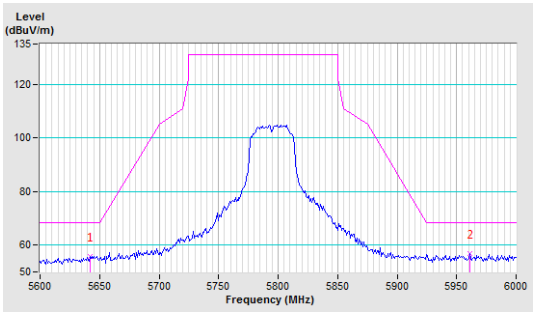

802.11ac (VHT80)

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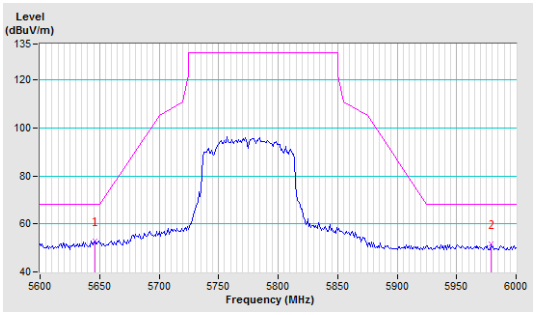	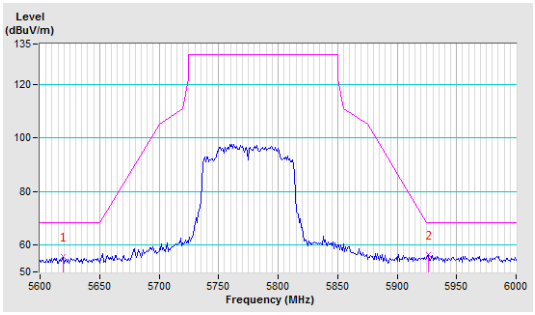

Appendix – Information on the Testing Laboratories

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 FCC recognized accredited test firms and 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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Web Site: www.bureauveritas-adt.com

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

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