FCC TEST REPORT
(WLAN 15.407)

REPORT NO.:	RF140923E06-1
MODEL NO.:	J20H085
FCC ID:	MCLJ20H085
RECEIVED:	Sep. 23, 2014
TESTED:	Oct. 01 to 15, 2014
ISSUED:	Nov. 11, 2014

APPLICANT:	Hon Hai PRECISION IND.CO.,LTD
ADDRESS:	5F-1,5 Hsin-An Road Hsinchu, Science-Based Industrial Park Taiwan, R.O.C.

ISSUED BY:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Hsin Chu Laboratory
LAB ADDRESS :	No. 81-1, Lu Liao Keng, 9th Ling, Wu Lung Tsuen, Chiung Lin Hsiang, Hsin Chu Hsien 307, Taiwan, R.O.C.
TEST LOCATION (1):	No. 81-1, Lu Liao Keng, 9th Ling, Wu Lung Tsuen, Chiung Lin Hsiang, Hsin Chu Hsien 307, Taiwan, R.O.C.
TEST LOCATION (2):	No. 49, Ln. 206, Wende Rd., Shangshan Tsuen, Chiung Lin Hsiang, Hsin Chu Hsien 307, Taiwan, R.O.C.

This report should not be used by the client to claim product certification, approval, or endorsement by TAF or any government agencies.

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF140923E06-1	Original release	Nov. 11, 2014

1. CERTIFICATION

PRODUCT:	802.11abgn/BT3.0 Wireless Module
BRAND NAME:	FOXCONN
MODEL NO.:	J20H085
TEST SAMPLE:	ENGINEERING SAMPLE
APPLICANT:	Hon Hai PRECISION IND.CO.,LTD
TESTED:	Oct. 01 to 15, 2014
STANDARDS:	**FCC Part 15, Subpart E (Section 15.407)**
	ANSI C63.10-2009

The above equipment (Model: J20H085) has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

Prepared By : _____ , **Date:** Nov. 11, 2014
(Lori Chung, Specialist)

Approved By : _____ , **Date:** Nov. 11, 2014
(May Chen, Manager)

2. SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC PART 15, SUBPART E (SECTION 15.407)			
STANDARD SECTION	**TEST TYPE**	**RESULT**	**REMARK**
15.407(b)(6)	AC Power Conducted Emission	PASS	Meet the requirement of limit. Minimum passing margin is -15.80dB at 0.16562MHz
15.407 (b)(1/2/3/4/6)	Radiated Emissions & Band Edge Measurement	PASS	Meet the requirement of limit. Minimum passing margin is -0.1dB at 5725.00MHz.
15.407(a/1/2/3)	Transmit Power	PASS	Meet the requirement of limit.
15.407(a/1/2/3)	Peak Power Spectral Density	PASS	Meet the requirement of limit.
15.407(e)	6dB bandwidth	PASS	Meet the requirement of limit. (U-NII-3 Band only)
15.407(g)	Frequency Stability	PASS	Meet the requirement of limit.
15.203	Antenna Requirement	PASS	Antenna connector is I-PEX and I-PEX MHF not a standard connector.

NOTE: 1. For WLAN: The EUT was operating in 2400 ~ 2483.5MHz, 5.15~5.35GHz, 5.47~5.725GHz and 5.725~5.850GHz frequencies band. This report was recorded the RF parameters including 5.15~5.35GHz, 5.47~5.725GHz and 5.725~5.850GHz. For the 2400 ~ 2483.5MHz RF parameters was recorded in another test report.

2. The DFS report was recorded in another test report.

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:

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Measurement	Value
Conducted emissions	2.86 dB
Radiated emissions (30MHz-1GHz)	5.43 dB
Radiated emissions (1GHz -6GHz)	3.72 dB
Radiated emissions (6GHz -18GHz)	4.00 dB
Radiated emissions (18GHz -40GHz)	4.11 dB

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT (WLAN)

PRODUCT	802.11abgn/BT3.0 Wireless Module
MODEL NO.	J20H085
POWER SUPPLY	5Vdc (from host equipment)
MODULATION TYPE	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM
MODULATION TECHNOLOGY	DSSS,OFDM
TRANSFER RATE	802.11b: up to 11Mbps 802.11a / g: up to 54Mbps 802.11n: up to 150Mbps
OPERATING FREQUENCY	**For 15.407** 5.18 ~ 5.24GHz, 5.26 ~ 5.32GHz, 5.50 ~ 5.70GHz, 5.745 ~ 5.825GHz
	For 15.247 2.412 ~ 2.462GHz
NUMBER OF CHANNEL	**For 15.407** 24 for 802.11a, 802.11n (HT20) 11 for 802.11n (HT40)
	For 15.247 11 for 802.11b, 802.11g, 802.11n (HT20)
MAXIMUM OUTPUT POWER	**For 15.407** 802.11a: 151.705mW 802.11n (HT20): 139.637mW 802.11n (HT40): 110.408mW **For 15.247** 802.11b: 151.356mW 802.11g: 317.687mW 802.11n (HT20): 320.627mW
ANTENNA TYPE	Please see NOTE
DATA CABLE	NA
I/O PORTS	Refer to user's manual
ASSOCIATED DEVICES	NA

NOTE:

1. There are Bluetooth technology and WLAN technology used for the EUT.
2. The antennas provided to the EUT, please refer to the following table:

Set 1								
Transmitter Circuit	Brand	Model	Gain (dBi) (Include cable loss)	Cable Loss (dB)	Antenna Type	Connecter Type	Cable Length (mm)	Frequency range (MHz to MHz)
Chain (0)	NA	NA	-0.4	NA	PCB	NA	NA	2400~2483.5
			1.12					5150~5850
Chain (1)	NA	NA	0.28	NA	PCB	NA	NA	2400~2483.5
			0.9					5150~5850
Set 2								
Transmitter Circuit	Brand	Model	Gain (dBi) (Include cable loss)	Cable Loss (dB)	Antenna Type	Connecter Type	Cable Length (mm)	Frequency range (MHz to MHz)
Chain (0)	WIESON	Z-Y121JT008A-013-S	2.26	0.5	Dipole	IPEX	100	2400~2483.5
			3.22	1				5150~5850
Chain (1)	WIESON	Z-Y121JT008A-013-S	2.26	0.5	Dipole	IPEX	100	2400~2483.5
			3.22	1				5150~5850
Set 3								
Transmitter Circuit	Brand	Model	Gain (dBi) (Include cable loss)	Cable Loss (dB)	Antenna Type	Connecter Type	Cable Length (mm)	Frequency range (MHz to MHz)
Chain (0)	FOXCONN	FX01K03-SN-EF	1.2	0.87	Dipole	IPEX MHF	217	2400~2483.5
			1.2	NA				5150~5850
Chain (1)	FOXCONN	FX01K03-SN-EF	1.2	0.87	Dipole	IPEX MHF	217	2400~2483.5
			1.2	NA				5150~5850
Set 4								
Transmitter Circuit	Brand	Model	Gain (dBi) (Include cable loss)	Cable Loss (dB)	Antenna Type	Connecter Type	Cable Length (mm)	Frequency range (MHz to MHz)
Chain (0)	WIESON	Y121JT008A-016-S	1.78	1	Dipole	IPEX	200	2400~2483.5
			2.78	1.5				5150~5850
Chain (1)	WIESON	Y121JT008A-016-S	1.78	1	Dipole	IPEX	200	2400~2483.5
			2.78	1.5				5150~5850
For above antenna set, **antenna set 1 & 2** were selected as representative antenna for the test and its data was recorded in this report.								

3. 5GHz & BT technology can transmit at same time.

4. The EUT incorporates a SISO function.

MODULATION MODE	DATA RATE (MCS)	TX & RX CONFIGURATION	
802.11a	6 ~ 54Mbps	1TX diversity	1RX diversity
802.11b	1 ~ 11Mbps	1TX diversity	1RX diversity
802.11g	6 ~ 54Mbps	1TX diversity	1RX diversity
802.11n (HT20)	MCS 0~7	1TX diversity	1RX diversity
802.11n (HT40) (5GHz)	MCS 0~7	1TX diversity	1RX diversity

5. The above EUT information was declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.

3.2 DESCRIPTION OF TEST MODES

Operated in 5150 ~ 5250MHz band:

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

Operated in 5250 ~ 5350MHz band:

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

Operated in 5470MHz ~ 5725MHz bands:

11 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		

5 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		

Operated in 5725 ~ 5850MHz band:

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

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
149	5745 MHz	161	5805 MHz
153	5765 MHz	165	5825 MHz
157	5785 MHz		

2 channels are provided for 802.11n (HT40):

CHANNEL	FREQUENCY
151	5755 MHz
159	5795 MHz

3.2.1 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

EUT CONFIGURE MODE	APPLICABLE TO				DESCRIPTION
	PLC	RE < 1G	RE ≥ 1G	APCM	
1	√	√	√	√	With Dipole antenna
2	-	√	√	-	With PCB antenna

Where **PLC:** Power Line Conducted Emission **RE < 1G:** Radiated Emission below 1GHz

RE ≥ 1G: Radiated Emission above 1GHz **APCM:** Antenna Port Conducted Measurement

NOTE: The EUT's antenna (PCB) had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **X-plane** (for below 1GHz) and **Z-plane** (for above 1GHz)**.**

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.

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (MBPS)
802.11a	36 to 165	60	OFDM	BPSK	6

RADIATED EMISSION TEST (BELOW 1 GHz):

☒ 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.

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	36 to 165	60	OFDM	BPSK	6

RADIATED EMISSION TEST (ABOVE 1 GHz):

☒ 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.

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	36 to 165	36, 40, 48, 52, 60, 64, 100, 120, 140, 149, 157, 165	OFDM	BPSK	6
802.11n (HT20)	36 to 165	36, 40, 48, 52, 60, 64, 100, 120, 140, 149, 157, 165	OFDM	BPSK	6.5
802.11n (HT40)	38 to 159	38, 46, 54, 62, 102, 118, 134, 151, 159	OFDM	BPSK	13.5

ANTENNA PORT CONDUCTED MEASUREMENT:

☒ 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.

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	36 to 165	36, 40, 48, 52, 60, 64, 100, 120, 140, 149, 157, 165	OFDM	BPSK	6
802.11n (HT20)	36 to 165	36, 40, 48, 52, 60, 64, 100, 120, 140, 149, 157, 165	OFDM	BPSK	6.5
802.11n (HT40)	38 to 159	38, 46, 54, 62, 102, 118, 134, 151, 159	OFDM	BPSK	13.5

TEST CONDITION:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	INPUT POWER (SYSTEM)	TESTED BY
PLC	30deg. C, 70%RH	120Vac, 60Hz	Mike Hsieh
RE<1G	19deg. C, 60%RH	120Vac, 60Hz	Andy Ho
RE≥1G	26deg. C, 72%RH 23deg. C, 68%RH	120Vac, 60Hz	Chilin Lee Tim Ho
APCM	25deg. C, 60%RH	120Vac, 60Hz	James Chan

3.3 GENERAL DESCRIPTION OF APPLIED STANDARDS

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

FCC Part 15, Subpart E (15.407)

789033 D02 General UNII Test Procedures New Rules v01

ANSI C63.10-2009

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

3.4 DUTY CYCLE OF TEST SIGNAL

If duty cycle of test signal is ≥ 98 %, duty factor is not required.

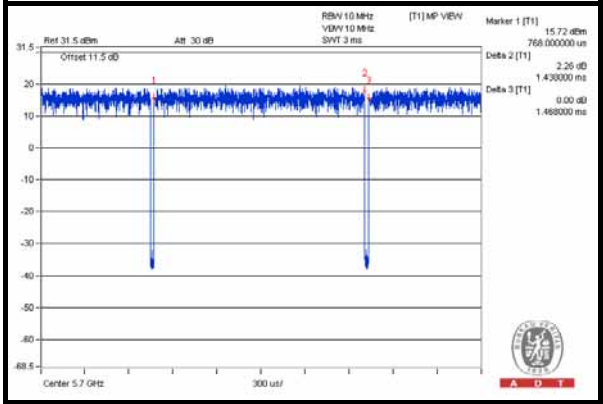
If duty cycle of test signal is < 98%, duty factor shall be considered.

802.11a: Duty cycle = 1.438 ms/1.468 ms = 0.98

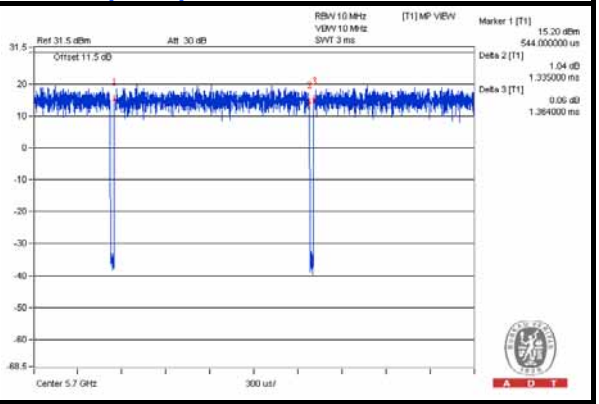
802.11n (HT20): Duty cycle = 1.335 ms/1.364 ms = 0.979, Duty factor = 10 * log(1/0.979) = 0.09

802.11n (HT40): Duty cycle = 0.655 ms/0.683 ms = 0.959, Duty factor = 10 * log(1/0.959) = 0.18

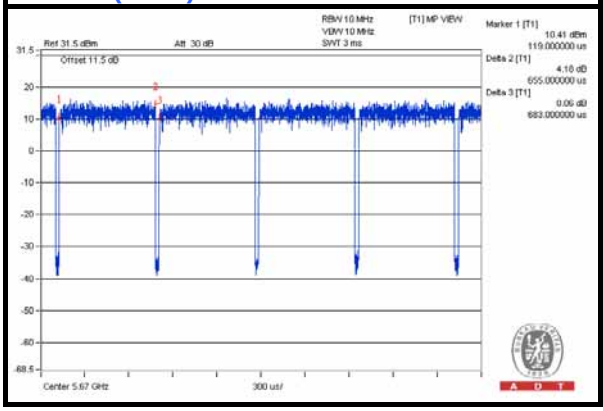
802.11a



802.11n (HT20)



802.11n (HT40)



3.5 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.

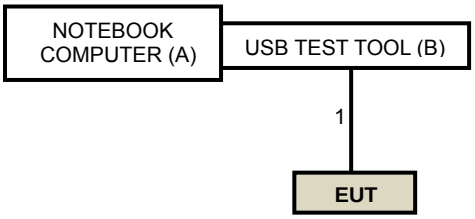
No.	Product	Brand	Model No.	Serial No.	FCC ID	Remark
A	NOTEBOOK COMPUTER	DELL	PP32LA	HSLB32S	FCC DoC	Provided by Lab
B	USB TEST TOOL	FOXCONN	NA	NA	NA	Supplied by client

NOTE:

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

No.	Cable	Qty.	Length (m)	Shielded (Yes/ No)	Cores (Number)	Remark
1	Data	1	0.1	No	0	Supplied by client

3.6 CONFIGURATION OF SYSTEM UNDER TEST



4. TEST TYPES AND RESULTS

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY OF EMISSION (MHz)	CONDUCTED LIMIT (dBμV)	
	Quasi-peak	Average
0.15-0.5 0.5-5 5-30	66 to 56 56 60	56 to 46 46 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 0.50 MHz.

4.1.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver ROHDE & SCHWARZ	ESCS 30	100375	Apr. 29, 2014	Apr. 28, 2015
Line-Impedance Stabilization Network (for EUT) SCHWARZBECK	NSLK-8127	8127-522	Sep. 15, 2014	Sep. 14, 2015
Line-Impedance Stabilization Network (for Peripheral) ROHDE & SCHWARZ	ENV216	100071	Nov. 13, 2013	Nov. 12, 2014
RF Cable (JYEBAO)	5DFB	COCCAB-001	Mar. 10 , 2014	Mar. 09, 2015
50 ohms Terminator	N/A	EMC-03	Sep. 22, 2014	Sep. 21, 2015
50 ohms Terminator	N/A	EMC-02	Sep. 30, 2014	Sep. 29, 2015
Software ADT	BV ADT_Cond_V7.3.7.3	NA	NA	NA

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in Shielded Room No. C.
3 The VCCI Con C Registration No. is C-3611.
4 Tested Date: Oct. 15, 2014

4.1.3 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.

b. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.

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

d. The frequency range from 150kHz to 30MHz was searched. Emission level under (Limit – 20dB) was not recorded.

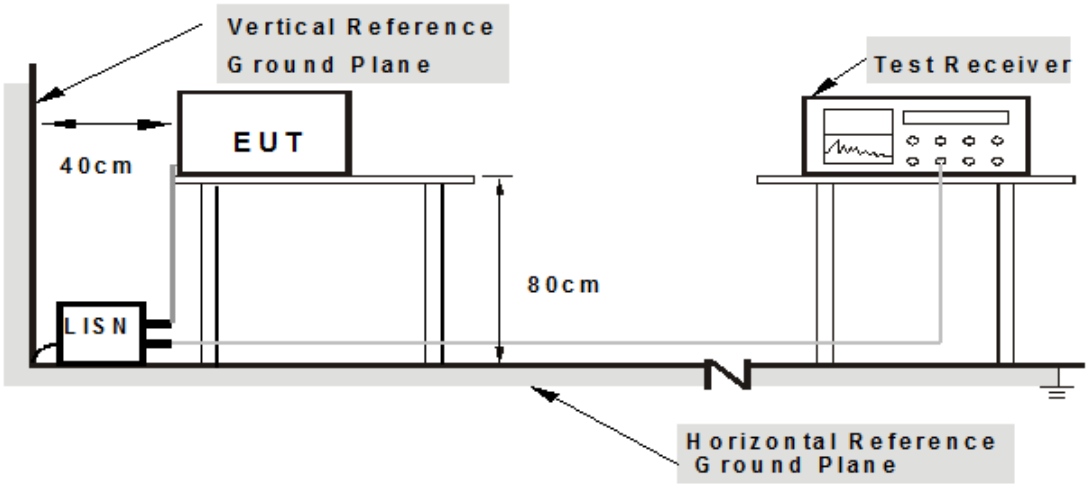
NOTE:

1. The resolution bandwidth of test receiver is 9kHz for Quasi-peak detection (QP) & Average detection (AV).

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



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

For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

4.1.6 EUT OPERATING CONDITIONS

1. Connect the EUT with the support unit A (Notebook Computer) via support unit B (USB TEST TOOL) which is placed on a testing table.
2. Controlling software (MT76xxU.exe) has been activated to set the EUT on specific status.

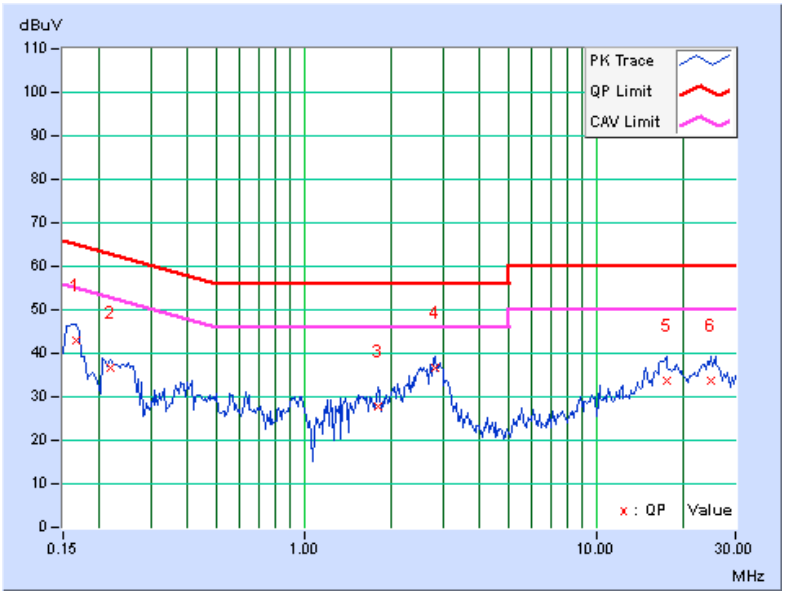
4.1.7 TEST RESULTS

PHASE	Line (L)	DETECTOR FUNCTION	Quasi-Peak (QP) / Average (AV)

	Freq.	Corr.	Reading Value		Emission Level		Limit		Margin	
No		Factor	[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	**0.16562**	**0.07**	**42.88**	**39.31**	**42.95**	**39.38**	**65.18**	**55.18**	**-22.23**	**-15.80**
2	0.21641	0.07	36.50	23.88	36.57	23.95	62.96	52.96	-26.38	-29.00
3	1.78516	0.17	27.78	20.30	27.95	20.47	56.00	46.00	-28.05	-25.53
4	2.80859	0.21	36.28	28.86	36.49	29.07	56.00	46.00	-19.51	-16.93
5	17.42188	0.64	32.92	27.69	33.56	28.33	60.00	50.00	-26.44	-21.67
6	24.89453	0.80	33.02	26.37	33.82	27.17	60.00	50.00	-26.18	-22.83

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

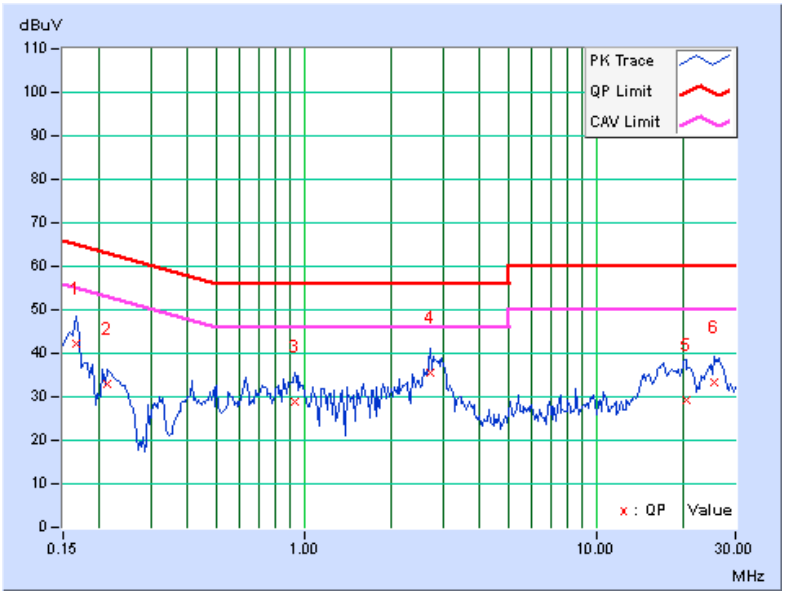


PHASE	Neutral (N)	DETECTOR FUNCTION	Quasi-Peak (QP) / Average (AV)

	Freq.	Corr.	Reading Value		Emission Level		Limit		Margin	
No		Factor	[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16562	0.06	42.14	38.46	42.20	38.52	65.18	55.18	-22.97	-16.65
2	0.21250	0.06	32.81	19.52	32.87	19.58	63.11	53.11	-30.24	-33.53
3	0.93125	0.13	28.78	18.95	28.91	19.08	56.00	46.00	-27.09	-26.92
4	2.69922	0.21	35.52	27.58	35.73	27.79	56.00	46.00	-20.27	-18.21
5	20.27734	0.75	28.36	26.72	29.11	27.47	60.00	50.00	-30.89	-22.53
6	25.26172	0.86	32.29	24.97	33.15	25.83	60.00	50.00	-26.85	-24.17

REMARKS:

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



4.2 RADIATED EMISSION AND BANDEDGE MEASUREMENT

4.2.1 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.

4.2.2 LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

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

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

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

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

4.2.3 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
MXE EMI Receiver Agilent	N9038A	MY50010156	Aug. 11, 2014	Aug. 10, 2015
Pre-Amplifier Mini-Circuits	ZFL-1000VH2 B	AMP-ZFL-04	Nov. 13, 2013	Nov. 12, 2014
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-361	Feb. 27, 2014	Feb. 26, 2015
RF Cable	NA	CHHCAB_001	Oct. 05, 2014	Oct. 04, 2015
Horn_Antenna AISI	AIH.8018	0000220091110	Aug. 26, 2014	Aug. 25, 2015
Pre-Amplifier Agilent	8449B	3008A01923	Oct. 29, 2013	Oct. 28, 2014
RF Cable	NA	131206 131215 SNMY23685/4	Jan. 17, 2014	Jan. 16, 2015
Spectrum Analyzer R&S	FSV40	100964	July 05, 2014	July 04, 2015
Pre-Amplifier SPACEK LABS	SLKKa-48-6	9K16	Nov. 13, 2013	Nov. 12, 2014
Horn_Antenna SCHWARZBECK	BBHA 9170	9170-424	Aug. 26, 2014	Aug. 25, 2015
RF Cable	NA	RF104-121 RF104-204	Dec. 12, 2013	Dec. 11, 2014
Software	ADT_Radiated _V8.7.07	NA	NA	NA
Antenna Tower & Turn Table CT	NA	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 horn antenna, preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
3 The test was performed in 966 Chamber No. H.
4. The FCC Site Registration No. is 797305.
5 The CANADA Site Registration No. is IC 7450H-3.
6 Tested Date: Oct. 08 to 10, 2014

4.2.4 TEST PROCEDURES

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

f. The test-receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

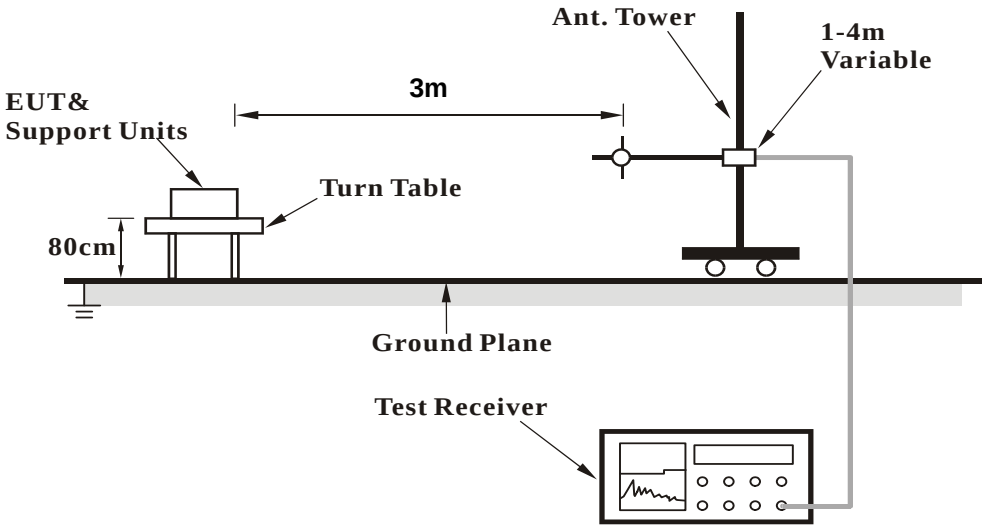
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for RMS Average (Duty cycle < 98%) for Average detection (AV) at frequency above 1GHz, then the measurement results was added to a correction factor (10 log(1/duty cycle)).
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 10Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1GHz.
5. All modes of operation were investigated and the worst-case emissions are reported.

4.2.5 DEVIATION FROM TEST STANDARD

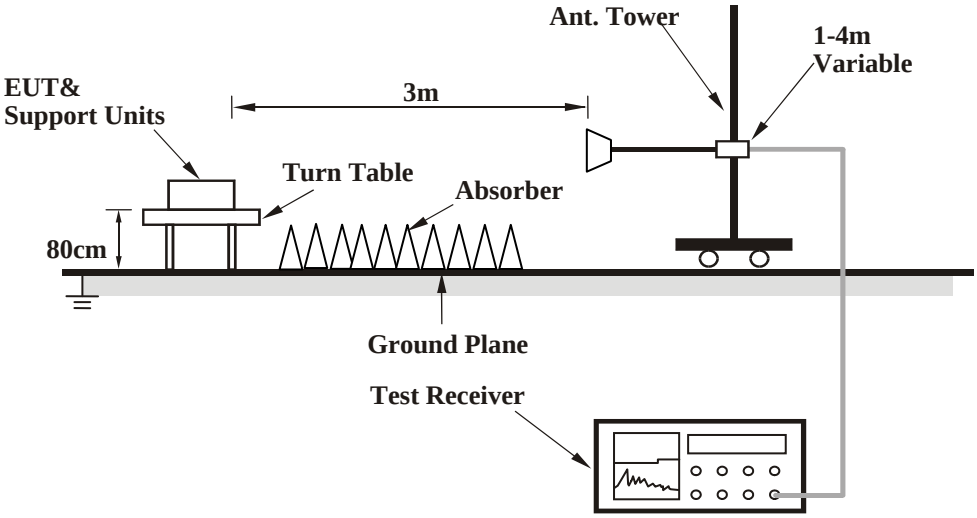
No deviation

4.2.6 TEST SETUP

<Frequency Range below 1GHz>



<Frequency Range above 1GHz>



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

4.2.7 EUT OPERATING CONDITION

Same as 4.1.6

4.2.8 TEST RESULTS (MODE 1)

BELOW 1GHz WORST-CASE DATA

802.11a

CHANNEL	TX Channel 60	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	Below 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	173.51	39.7 QP	43.5	-3.8	1.50 H	0	53.09	-13.43
2	432.02	35.6 QP	46.0	-10.4	2.00 H	234	43.70	-8.09
3	625.77	38.9 QP	46.0	-7.1	1.00 H	232	42.96	-4.07
4	641.92	41.3 QP	46.0	-4.7	1.00 H	224	45.15	-3.81
5	740.96	39.6 QP	46.0	-6.5	1.00 H	238	41.51	-1.96
6	873.46	39.3 QP	46.0	-6.7	1.50 H	307	39.34	-0.01
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	166.24	38.3 QP	43.5	-5.2	1.00 V	145	51.24	-12.90
2	432.02	33.8 QP	46.0	-12.2	1.00 V	236	41.85	-8.09
3	676.26	40.2 QP	46.0	-5.8	1.50 V	138	43.74	-3.54
4	874.68	41.6 QP	46.0	-4.4	1.00 V	252	41.61	0.00
5	918.38	41.9 QP	46.0	-4.1	1.00 V	269	40.83	1.08
6	976.62	44.4 QP	54.0	-9.6	1.00 V	119	42.59	1.83

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

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	64.7 PK	74.0	-9.3	1.11 H	139	60.42	4.28
2	5150.00	47.1 AV	54.0	-6.9	1.11 H	139	42.82	4.28
3	*5180.00	100.3 PK			1.11 H	139	95.91	4.39
4	*5180.00	90.3 AV			1.11 H	139	85.91	4.39
5	#10360.00	56.5 PK	74.0	-17.5	1.00 H	196	46.44	10.06
6	#10360.00	41.6 AV	54.0	-12.4	1.00 H	196	31.54	10.06
7	15540.00	63.0 PK	74.0	-11.0	1.02 H	183	48.16	14.84
8	15540.00	50.2 AV	54.0	-3.8	1.02 H	183	35.36	14.84
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	68.5 PK	74.0	-5.5	1.05 V	328	64.22	4.28
2	5150.00	50.7 AV	54.0	-3.3	1.05 V	328	46.42	4.28
3	*5180.00	110.3 PK			1.05 V	328	105.91	4.39
4	*5180.00	99.8 AV			1.05 V	328	95.41	4.39
5	#10360.00	54.2 PK	74.0	-19.8	1.03 V	256	44.14	10.06
6	#10360.00	41.3 AV	54.0	-12.7	1.03 V	256	31.24	10.06
7	15540.00	62.7 PK	74.0	-11.3	1.00 V	189	47.86	14.84
8	15540.00	49.5 AV	54.0	-4.5	1.00 V	189	34.66	14.84

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	59.7 PK	74.0	-14.3	1.08 H	148	55.42	4.28
2	5150.00	41.9 AV	54.0	-12.1	1.08 H	148	37.62	4.28
3	*5200.00	100.9 PK			1.08 H	148	96.46	4.44
4	*5200.00	90.4 AV			1.08 H	148	85.96	4.44
5	#10400.00	56.9 PK	74.0	-17.1	1.03 H	184	46.83	10.07
6	#10400.00	42.0 AV	54.0	-12.0	1.03 H	184	31.93	10.07
7	15600.00	63.2 PK	74.0	-10.8	1.04 H	181	48.14	15.06
8	15600.00	50.5 AV	54.0	-3.5	1.04 H	181	35.44	15.06
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	63.9 PK	74.0	-10.1	1.14 V	316	59.62	4.28
2	5150.00	46.4 AV	54.0	-7.6	1.14 V	316	42.12	4.28
3	*5200.00	110.1 PK			1.14 V	316	105.66	4.44
4	*5200.00	99.7 AV			1.14 V	316	95.26	4.44
5	#10400.00	53.9 PK	74.0	-20.1	1.00 V	261	43.83	10.07
6	#10400.00	40.6 AV	54.0	-13.4	1.00 V	261	30.53	10.07
7	15600.00	61.6 PK	74.0	-12.4	1.00 V	192	46.54	15.06
8	15600.00	48.8 AV	54.0	-5.2	1.00 V	192	33.74	15.06

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	55.9 PK	74.0	-18.1	1.05 H	141	51.62	4.28
2	5150.00	43.5 AV	54.0	-10.5	1.05 H	141	39.22	4.28
3	*5240.00	102.0 PK			1.05 H	141	97.59	4.41
4	*5240.00	91.5 AV			1.05 H	141	87.09	4.41
5	5350.00	53.3 PK	74.0	-20.7	1.05 H	141	48.79	4.51
6	5350.00	41.5 AV	54.0	-12.5	1.05 H	141	36.99	4.51
7	#10480.00	56.9 PK	74.0	-17.1	1.00 H	209	46.64	10.26
8	#10480.00	41.9 AV	54.0	-12.1	1.00 H	209	31.64	10.26
9	15720.00	63.0 PK	74.0	-11.0	1.02 H	185	48.33	14.67
10	15720.00	50.3 AV	54.0	-3.7	1.02 H	185	35.63	14.67
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	56.2 PK	74.0	-17.8	1.15 V	316	51.92	4.28
2	5150.00	43.9 AV	54.0	-10.1	1.15 V	316	39.62	4.28
3	*5240.00	111.3 PK			1.15 V	316	106.89	4.41
4	*5240.00	100.6 AV			1.15 V	316	96.19	4.41
5	5350.00	53.6 PK	74.0	-20.4	1.15 V	316	49.09	4.51
6	5350.00	41.7 AV	54.0	-12.3	1.15 V	316	37.19	4.51
7	#10480.00	53.9 PK	74.0	-20.1	1.00 V	257	43.64	10.26
8	#10480.00	40.8 AV	54.0	-13.2	1.00 V	257	30.54	10.26
9	15720.00	61.9 PK	74.0	-12.1	1.00 V	179	47.23	14.67
10	15720.00	48.9 AV	54.0	-5.1	1.00 V	179	34.23	14.67

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	53.9 PK	74.0	-20.1	1.09 H	126	49.62	4.28
2	5150.00	43.6 AV	54.0	-10.4	1.09 H	126	39.32	4.28
3	*5260.00	106.8 PK			1.09 H	126	102.41	4.39
4	*5260.00	95.9 AV			1.09 H	126	91.51	4.39
5	5350.00	55.9 PK	74.0	-18.1	1.09 H	126	51.39	4.51
6	5350.00	44.4 AV	54.0	-9.6	1.09 H	126	39.89	4.51
7	#10520.00	56.4 PK	74.0	-17.6	1.00 H	199	46.03	10.37
8	#10520.00	41.3 AV	54.0	-12.7	1.00 H	199	30.93	10.37
9	15780.00	63.5 PK	74.0	-10.5	1.00 H	189	48.78	14.72
10	15780.00	50.4 AV	54.0	-3.6	1.00 H	189	35.68	14.72
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	53.6 PK	74.0	-20.4	1.14 V	317	49.32	4.28
2	5150.00	43.3 AV	54.0	-10.7	1.14 V	317	39.02	4.28
3	*5260.00	115.2 PK			1.14 V	317	110.81	4.39
4	*5260.00	104.5 AV			1.14 V	317	100.11	4.39
5	5350.00	55.7 PK	74.0	-18.3	1.14 V	317	51.19	4.51
6	5350.00	44.1 AV	54.0	-9.9	1.14 V	317	39.59	4.51
7	#10520.00	53.8 PK	74.0	-20.2	1.00 V	249	43.43	10.37
8	#10520.00	40.3 AV	54.0	-13.7	1.00 V	249	29.93	10.37
9	15780.00	61.7 PK	74.0	-12.3	1.00 V	202	46.98	14.72
10	15780.00	48.6 AV	54.0	-5.4	1.00 V	202	33.88	14.72

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	104.3 PK			1.14 H	141	99.94	4.36
2	*5300.00	94.0 AV			1.14 H	141	89.64	4.36
3	5350.00	65.0 PK	74.0	-9.0	1.14 H	141	60.49	4.51
4	5350.00	46.8 AV	54.0	-7.2	1.14 H	141	42.29	4.51
5	10600.00	56.3 PK	74.0	-17.7	1.00 H	196	45.62	10.68
6	10600.00	41.2 AV	54.0	-12.8	1.00 H	196	30.52	10.68
7	15900.00	63.2 PK	74.0	-10.8	1.00 H	184	48.15	15.05
8	15900.00	50.3 AV	54.0	-3.7	1.00 H	184	35.25	15.05
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	113.5 PK			1.11 V	317	109.14	4.36
2	*5300.00	103.1 AV			1.11 V	317	98.74	4.36
3	5350.00	68.6 PK	74.0	-5.4	1.11 V	317	64.09	4.51
4	5350.00	50.4 AV	54.0	-3.6	1.11 V	317	45.89	4.51
5	10600.00	53.8 PK	74.0	-20.2	1.00 V	247	43.12	10.68
6	10600.00	40.3 AV	54.0	-13.7	1.00 V	247	29.62	10.68
7	15900.00	61.7 PK	74.0	-12.3	1.00 V	200	46.65	15.05
8	15900.00	48.8 AV	54.0	-5.2	1.00 V	200	33.75	15.05

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	102.0 PK			1.08 H	149	97.58	4.42
2	*5320.00	91.1 AV			1.08 H	149	86.68	4.42
3	5350.00	64.1 PK	74.0	-9.9	1.08 H	149	59.59	4.51
4	5350.00	46.2 AV	54.0	-7.8	1.08 H	149	41.69	4.51
5	10640.00	56.0 PK	74.0	-18.0	1.00 H	198	45.37	10.63
6	10640.00	41.2 AV	54.0	-12.8	1.00 H	198	30.57	10.63
7	15960.00	63.1 PK	74.0	-10.9	1.04 H	198	48.13	14.97
8	15960.00	50.6 AV	54.0	-3.4	1.04 H	198	35.63	14.97
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	110.7 PK			1.12 V	313	106.28	4.42
2	*5320.00	100.0 AV			1.12 V	313	95.58	4.42
3	5350.00	67.9 PK	74.0	-6.1	1.12 V	313	63.39	4.51
4	5350.00	50.3 AV	54.0	-3.7	1.12 V	313	45.79	4.51
5	10640.00	53.7 PK	74.0	-20.3	1.00 V	254	43.07	10.63
6	10640.00	40.5 AV	54.0	-13.5	1.00 V	254	29.87	10.63
7	15960.00	61.0 PK	74.0	-13.0	1.00 V	177	46.03	14.97
8	15960.00	48.5 AV	54.0	-5.5	1.00 V	177	33.53	14.97

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	65.4 PK	74.0	-8.6	1.13 H	126	60.79	4.61
2	#5470.00	48.9 AV	54.0	-5.1	1.13 H	126	44.29	4.61
3	*5500.00	100.5 PK			1.13 H	126	95.91	4.59
4	*5500.00	89.9 AV			1.13 H	126	85.31	4.59
5	11000.00	56.5 PK	74.0	-17.5	1.00 H	207	45.65	10.85
6	11000.00	41.8 AV	54.0	-12.2	1.00 H	207	30.95	10.85
7	#16500.00	62.8 PK	74.0	-11.2	1.00 H	178	45.81	16.99
8	#16500.00	50.1 AV	54.0	-3.9	1.00 H	178	33.11	16.99
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	#5470.00	70.0 PK	74.0	-4.0	1.08 V	43	65.39	4.61
2	#5470.00	53.2 AV	54.0	-0.8	1.08 V	43	48.59	4.61
3	*5500.00	109.3 PK			1.08 V	43	104.71	4.59
4	*5500.00	98.9 AV			1.08 V	43	94.31	4.59
5	11000.00	54.4 PK	74.0	-19.6	1.00 V	270	43.55	10.85
6	11000.00	40.8 AV	54.0	-13.2	1.00 V	270	29.95	10.85
7	#16500.00	61.8 PK	74.0	-12.2	1.00 V	203	44.81	16.99
8	#16500.00	49.2 AV	54.0	-4.8	1.00 V	203	32.21	16.99

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 120	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	53.6 PK	74.0	-20.4	1.09 H	133	48.99	4.61
2	#5470.00	40.8 AV	54.0	-13.2	1.09 H	133	36.19	4.61
3	*5600.00	103.9 PK			1.09 H	133	98.94	4.96
4	*5600.00	93.1 AV			1.09 H	133	88.14	4.96
5	#5725.00	53.0 PK	74.0	-21.0	1.09 H	133	48.07	4.93
6	#5725.00	41.8 AV	54.0	-12.2	1.09 H	133	36.87	4.93
7	11200.00	56.6 PK	74.0	-17.4	1.04 H	204	45.86	10.74
8	11200.00	41.4 AV	54.0	-12.6	1.04 H	204	30.66	10.74
9	#16800.00	63.0 PK	74.0	-11.0	1.00 H	184	44.78	18.22
10	#16800.00	50.0 AV	54.0	-4.0	1.00 H	184	31.78	18.22
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	#5470.00	54.3 PK	74.0	-19.7	1.06 V	267	49.69	4.61
2	#5470.00	41.2 AV	54.0	-12.8	1.06 V	267	36.59	4.61
3	*5600.00	113.2 PK			1.06 V	267	108.24	4.96
4	*5600.00	102.4 AV			1.06 V	267	97.44	4.96
5	#5725.00	53.1 PK	74.0	-20.9	1.06 V	267	48.17	4.93
6	#5725.00	41.9 AV	54.0	-12.1	1.06 V	267	36.97	4.93
7	11200.00	53.4 PK	74.0	-20.6	1.00 V	259	42.66	10.74
8	11200.00	40.2 AV	54.0	-13.8	1.00 V	259	29.46	10.74
9	#16800.00	62.1 PK	74.0	-11.9	1.00 V	181	43.88	18.22
10	#16800.00	49.0 AV	54.0	-5.0	1.00 V	181	30.78	18.22

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	100.0 PK			1.09 H	128	95.09	4.91
2	*5700.00	89.5 AV			1.09 H	128	84.59	4.91
3	#5725.00	63.9 PK	74.0	-10.1	1.09 H	128	58.97	4.93
4	#5725.00	46.5 AV	54.0	-7.5	1.09 H	128	41.57	4.93
5	11400.00	56.2 PK	74.0	-17.8	1.02 H	184	45.57	10.63
6	11400.00	41.4 AV	54.0	-12.6	1.02 H	184	30.77	10.63
7	#17100.00	62.7 PK	74.0	-11.3	1.04 H	193	44.15	18.55
8	#17100.00	50.1 AV	54.0	-3.9	1.04 H	193	31.55	18.55
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	108.7 PK			1.13 V	89	103.79	4.91
2	*5700.00	98.4 AV			1.13 V	89	93.49	4.91
3	#5725.00	67.8 PK	74.0	-6.2	1.13 V	89	62.87	4.93
4	#5725.00	50.5 AV	54.0	-3.5	1.13 V	89	45.57	4.93
5	11400.00	53.6 PK	74.0	-20.4	1.00 V	262	42.97	10.63
6	11400.00	40.2 AV	54.0	-13.8	1.00 V	262	29.57	10.63
7	#17100.00	61.1 PK	74.0	-12.9	1.00 V	193	42.55	18.55
8	#17100.00	48.3 AV	54.0	-5.7	1.00 V	193	29.75	18.55

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	64.3 PK	74.0	-9.7	1.00 H	23	59.40	4.90
2	#5715.00	47.6 AV	54.0	-6.4	1.00 H	23	42.70	4.90
3	#5725.00	72.4 PK	78.2	-5.8	1.00 H	23	67.47	4.93
4	*5745.00	99.3 PK			1.00 H	23	94.38	4.92
5	*5745.00	88.8 AV			1.00 H	23	83.88	4.92
6	11490.00	56.4 PK	74.0	-17.6	1.02 H	210	45.75	10.65
7	11490.00	41.0 AV	54.0	-13.0	1.02 H	210	30.35	10.65
8	#17235.00	61.7 PK	74.0	-12.3	1.00 H	228	42.25	19.45
9	#17235.00	48.9 AV	54.0	-5.1	1.00 H	228	29.45	19.45
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	#5715.00	67.5 PK	74.0	-6.5	1.14 V	75	62.60	4.90
2	#5715.00	50.3 AV	54.0	-3.7	1.14 V	75	45.40	4.90
3	#5725.00	77.9 PK	78.2	-0.3	1.14 V	75	72.97	4.93
4	*5745.00	107.0 PK			1.14 V	75	102.08	4.92
5	*5745.00	97.1 AV			1.14 V	75	92.18	4.92
6	11490.00	52.9 PK	74.0	-21.1	1.00 V	262	42.25	10.65
7	11490.00	39.8 AV	54.0	-14.2	1.00 V	262	29.15	10.65
8	#17235.00	62.0 PK	74.0	-12.0	1.02 V	187	42.55	19.45
9	#17235.00	49.0 AV	54.0	-5.0	1.02 V	187	29.55	19.45

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	57.6 PK	74.0	-16.4	1.00 H	23	52.70	4.90
2	#5715.00	43.4 AV	54.0	-10.6	1.00 H	23	38.50	4.90
3	#5725.00	62.2 PK	78.2	-16.0	1.00 H	23	57.27	4.93
4	*5785.00	101.4 PK			1.00 H	23	96.45	4.95
5	*5785.00	90.8 AV			1.00 H	23	85.85	4.95
6	#5850.00	63.4 PK	78.2	-14.8	1.00 H	23	58.38	5.02
7	#5860.00	57.6 PK	74.0	-16.4	1.00 H	23	52.56	5.04
8	#5860.00	42.4 AV	54.0	-11.6	1.00 H	23	37.36	5.04
9	11570.00	54.0 PK	74.0	-20.0	1.02 H	224	43.32	10.68
10	11570.00	42.2 AV	54.0	-11.8	1.02 H	224	31.52	10.68
11	#17355.00	62.5 PK	74.0	-11.5	1.32 H	194	42.74	19.76
12	#17355.00	49.9 AV	54.0	-4.1	1.32 H	194	30.14	19.76
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	#5715.00	59.6 PK	74.0	-14.4	1.12 V	89	54.70	4.90
2	#5715.00	45.9 AV	54.0	-8.1	1.12 V	89	41.00	4.90
3	#5725.00	63.4 PK	78.2	-14.8	1.12 V	89	58.47	4.93
4	*5785.00	112.3 PK			1.12 V	89	107.35	4.95
5	*5785.00	101.8 AV			1.12 V	89	96.85	4.95
6	#5850.00	64.1 PK	78.2	-14.1	1.12 V	89	59.08	5.02
7	#5860.00	59.6 PK	74.0	-14.4	1.12 V	89	54.56	5.04
8	#5860.00	44.5 AV	54.0	-9.5	1.12 V	89	39.46	5.04
9	11570.00	54.0 PK	74.0	-20.0	1.00 V	319	43.32	10.68
10	11570.00	42.0 AV	54.0	-12.0	1.00 V	319	31.32	10.68
11	#17355.00	63.8 PK	74.0	-10.2	1.00 V	85	44.04	19.76
12	#17355.00	50.5 AV	54.0	-3.5	1.00 V	85	30.74	19.76

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5825.00	100.2 PK			1.00 H	46	95.22	4.98
2	*5825.00	91.4 AV			1.00 H	46	86.42	4.98
3	#5850.00	64.5 PK	78.2	-13.7	1.00 H	46	59.48	5.02
4	#5860.00	60.3 PK	74.0	-13.7	1.00 H	46	55.26	5.04
5	#5860.00	46.4 AV	54.0	-7.6	1.00 H	46	41.36	5.04
6	11650.00	54.0 PK	74.0	-20.0	1.00 H	237	43.41	10.59
7	11650.00	42.5 AV	54.0	-11.5	1.00 H	237	31.91	10.59
8	#17475.00	62.0 PK	74.0	-12.0	1.33 H	191	42.05	19.95
9	#17475.00	49.6 AV	54.0	-4.4	1.33 H	191	29.65	19.95
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	*5825.00	109.3 PK			1.11 V	88	104.32	4.98
2	*5825.00	99.1 AV			1.11 V	88	94.12	4.98
3	#5850.00	75.0 PK	78.2	-3.2	1.11 V	88	69.98	5.02
4	#5860.00	68.2 PK	74.0	-5.8	1.11 V	88	63.16	5.04
5	#5860.00	53.2 AV	54.0	-0.8	1.11 V	88	48.16	5.04
6	11650.00	54.0 PK	74.0	-20.0	1.06 V	327	43.41	10.59
7	11650.00	41.9 AV	54.0	-12.1	1.06 V	327	31.31	10.59
8	#17475.00	64.0 PK	74.0	-10.0	1.03 V	93	44.05	19.95
9	#17475.00	51.0 AV	54.0	-3.0	1.03 V	93	31.05	19.95

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	54.6 PK	74.0	-19.4	1.04 H	349	50.32	4.28
2	5150.00	40.9 AV	54.0	-13.1	1.04 H	349	36.62	4.28
3	*5180.00	98.2 PK			1.04 H	349	93.81	4.39
4	*5180.00	88.6 AV			1.04 H	349	84.21	4.39
5	#10360.00	56.5 PK	74.0	-17.5	1.00 H	188	46.44	10.06
6	#10360.00	41.6 AV	54.0	-12.4	1.00 H	188	31.54	10.06
7	15540.00	63.1 PK	74.0	-10.9	1.06 H	198	48.26	14.84
8	15540.00	50.3 AV	54.0	-3.7	1.06 H	198	35.46	14.84
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	68.3 PK	74.0	-5.7	1.04 V	45	64.02	4.28
2	5150.00	50.7 AV	54.0	-3.3	1.04 V	45	46.42	4.28
3	*5180.00	109.6 PK			1.04 V	45	105.21	4.39
4	*5180.00	99.5 AV			1.04 V	45	95.11	4.39
5	#10360.00	54.0 PK	74.0	-20.0	1.00 V	274	43.94	10.06
6	#10360.00	40.8 AV	54.0	-13.2	1.00 V	274	30.74	10.06
7	15540.00	62.5 PK	74.0	-11.5	1.02 V	184	47.66	14.84
8	15540.00	49.2 AV	54.0	-4.8	1.02 V	184	34.36	14.84

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	54.9 PK	74.0	-19.1	1.01 H	358	50.62	4.28
2	5150.00	40.9 AV	54.0	-13.1	1.01 H	358	36.62	4.28
3	*5200.00	98.3 PK			1.06 H	344	93.86	4.44
4	*5200.00	89.0 AV			1.06 H	344	84.56	4.44
5	#10400.00	55.9 PK	74.0	-18.1	1.04 H	188	45.83	10.07
6	#10400.00	41.2 AV	54.0	-12.8	1.04 H	188	31.13	10.07
7	15600.00	62.8 PK	74.0	-11.2	1.06 H	197	47.74	15.06
8	15600.00	50.0 AV	54.0	-4.0	1.06 H	197	34.94	15.06
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	66.4 PK	74.0	-7.6	1.02 V	132	62.12	4.28
2	5150.00	48.1 AV	54.0	-5.9	1.02 V	132	43.82	4.28
3	*5200.00	109.5 PK			1.02 V	132	105.06	4.44
4	*5200.00	99.3 AV			1.02 V	132	94.86	4.44
5	#10400.00	53.6 PK	74.0	-20.4	1.00 V	278	43.53	10.07
6	#10400.00	40.7 AV	54.0	-13.3	1.00 V	278	30.63	10.07
7	15600.00	62.0 PK	74.0	-12.0	1.05 V	172	46.94	15.06
8	15600.00	49.0 AV	54.0	-5.0	1.05 V	172	33.94	15.06

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	54.3 PK	74.0	-19.7	1.01 H	336	50.02	4.28
2	5150.00	40.6 AV	54.0	-13.4	1.01 H	336	36.32	4.28
3	*5240.00	98.0 PK			1.01 H	336	93.59	4.41
4	*5240.00	88.8 AV			1.01 H	336	84.39	4.41
5	5350.00	54.6 PK	74.0	-19.4	1.01 H	336	50.09	4.51
6	5350.00	40.2 AV	54.0	-13.8	1.01 H	336	35.69	4.51
7	#10480.00	56.2 PK	74.0	-17.8	1.00 H	176	45.94	10.26
8	#10480.00	41.5 AV	54.0	-12.5	1.00 H	176	31.24	10.26
9	15720.00	62.7 PK	74.0	-11.3	1.09 H	204	48.03	14.67
10	15720.00	49.7 AV	54.0	-4.3	1.09 H	204	35.03	14.67
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	55.5 PK	74.0	-18.5	1.12 V	132	51.22	4.28
2	5150.00	45.5 AV	54.0	-8.5	1.12 V	132	41.22	4.28
3	*5240.00	109.5 PK			1.12 V	132	105.09	4.41
4	*5240.00	99.1 AV			1.12 V	132	94.69	4.41
5	5350.00	54.7 PK	74.0	-19.3	1.12 V	132	50.19	4.51
6	5350.00	43.3 AV	54.0	-10.7	1.12 V	132	38.79	4.51
7	#10480.00	54.1 PK	74.0	-19.9	1.01 V	277	43.84	10.26
8	#10480.00	40.9 AV	54.0	-13.1	1.01 V	277	30.64	10.26
9	15720.00	62.5 PK	74.0	-11.5	1.06 V	192	47.83	14.67
10	15720.00	49.5 AV	54.0	-4.5	1.06 V	192	34.83	14.67

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	53.2 PK	74.0	-20.8	1.05 H	144	48.92	4.28
2	5150.00	40.3 AV	54.0	-13.7	1.05 H	144	36.02	4.28
3	*5260.00	103.3 PK			1.05 H	144	98.91	4.39
4	*5260.00	92.8 AV			1.05 H	144	88.41	4.39
5	5350.00	53.2 PK	74.0	-20.8	1.05 H	144	48.69	4.51
6	5350.00	42.1 AV	54.0	-11.9	1.05 H	144	37.59	4.51
7	#10520.00	56.6 PK	74.0	-17.4	1.01 H	202	46.23	10.37
8	#10520.00	41.6 AV	54.0	-12.4	1.01 H	202	31.23	10.37
9	15780.00	62.8 PK	74.0	-11.2	1.00 H	193	48.08	14.72
10	15780.00	49.9 AV	54.0	-4.1	1.00 H	193	35.18	14.72
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	52.3 PK	74.0	-21.7	1.11 V	132	48.02	4.28
2	5150.00	42.8 AV	54.0	-11.2	1.11 V	132	38.52	4.28
3	*5260.00	113.9 PK			1.11 V	132	109.51	4.39
4	*5260.00	103.5 AV			1.11 V	132	99.11	4.39
5	5350.00	58.9 PK	74.0	-15.1	1.11 V	132	54.39	4.51
6	5350.00	45.8 AV	54.0	-8.2	1.11 V	132	41.29	4.51
7	#10520.00	54.3 PK	74.0	-19.7	1.02 V	287	43.93	10.37
8	#10520.00	41.3 AV	54.0	-12.7	1.02 V	287	30.93	10.37
9	15780.00	62.3 PK	74.0	-11.7	1.02 V	193	47.58	14.72
10	15780.00	49.3 AV	54.0	-4.7	1.02 V	193	34.58	14.72

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	104.2 PK			1.17 H	154	99.84	4.36
2	*5300.00	94.0 AV			1.17 H	154	89.64	4.36
3	5350.00	65.3 PK	74.0	-8.7	1.17 H	154	60.79	4.51
4	5350.00	47.3 AV	54.0	-6.7	1.17 H	154	42.79	4.51
5	10600.00	56.1 PK	74.0	-17.9	1.00 H	201	45.42	10.68
6	10600.00	41.2 AV	54.0	-12.8	1.00 H	201	30.52	10.68
7	15900.00	63.2 PK	74.0	-10.8	1.02 H	190	48.15	15.05
8	15900.00	50.1 AV	54.0	-3.9	1.02 H	190	35.05	15.05
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	112.2 PK			1.09 V	133	107.84	4.36
2	*5300.00	102.1 AV			1.09 V	133	97.74	4.36
3	5350.00	68.7 PK	74.0	-5.3	1.09 V	133	64.19	4.51
4	5350.00	50.7 AV	54.0	-3.3	1.09 V	133	46.19	4.51
5	10600.00	53.7 PK	74.0	-20.3	1.04 V	282	43.02	10.68
6	10600.00	40.9 AV	54.0	-13.1	1.04 V	282	30.22	10.68
7	15900.00	62.8 PK	74.0	-11.2	1.03 V	183	47.75	15.05
8	15900.00	49.8 AV	54.0	-4.2	1.03 V	183	34.75	15.05

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	98.0 PK			1.03 H	343	93.58	4.42
2	*5320.00	88.9 AV			1.03 H	343	84.48	4.42
3	5350.00	54.1 PK	74.0	-19.9	1.03 H	343	49.59	4.51
4	5350.00	40.4 AV	54.0	-13.6	1.03 H	343	35.89	4.51
5	10640.00	56.8 PK	74.0	-17.2	1.00 H	174	46.17	10.63
6	10640.00	41.8 AV	54.0	-12.2	1.00 H	174	31.17	10.63
7	15960.00	63.1 PK	74.0	-10.9	1.05 H	206	48.13	14.97
8	15960.00	50.0 AV	54.0	-4.0	1.05 H	206	35.03	14.97
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	108.8 PK			1.09 V	133	104.38	4.42
2	*5320.00	98.8 AV			1.09 V	133	94.38	4.42
3	5350.00	68.8 PK	74.0	-5.2	1.09 V	133	64.29	4.51
4	5350.00	50.2 AV	54.0	-3.8	1.09 V	133	45.69	4.51
5	10640.00	53.3 PK	74.0	-20.7	1.09 V	279	42.67	10.63
6	10640.00	40.6 AV	54.0	-13.4	1.09 V	279	29.97	10.63
7	15960.00	62.5 PK	74.0	-11.5	1.06 V	187	47.53	14.97
8	15960.00	49.8 AV	54.0	-4.2	1.06 V	187	34.83	14.97

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	53.9 PK	74.0	-20.1	1.06 H	339	49.29	4.61
2	#5470.00	40.0 AV	54.0	-14.0	1.06 H	339	35.39	4.61
3	*5500.00	98.4 PK			1.06 H	339	93.81	4.59
4	*5500.00	89.0 AV			1.06 H	339	84.41	4.59
5	11000.00	57.0 PK	74.0	-17.0	1.00 H	175	46.15	10.85
6	11000.00	41.7 AV	54.0	-12.3	1.00 H	175	30.85	10.85
7	#16500.00	63.1 PK	74.0	-10.9	1.06 H	222	46.11	16.99
8	#16500.00	49.9 AV	54.0	-4.1	1.06 H	222	32.91	16.99
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	#5470.00	69.1 PK	74.0	-4.9	1.44 V	142	64.49	4.61
2	#5470.00	50.1 AV	54.0	-3.9	1.44 V	142	45.49	4.61
3	*5500.00	108.3 PK			1.44 V	142	103.71	4.59
4	*5500.00	98.2 AV			1.44 V	142	93.61	4.59
5	11000.00	53.7 PK	74.0	-20.3	1.00 V	296	42.85	10.85
6	11000.00	40.8 AV	54.0	-13.2	1.00 V	296	29.95	10.85
7	#16500.00	63.1 PK	74.0	-10.9	1.09 V	189	46.11	16.99
8	#16500.00	50.2 AV	54.0	-3.8	1.09 V	189	33.21	16.99

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 120	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	54.4 PK	74.0	-19.6	1.23 H	150	49.79	4.61
2	#5470.00	41.5 AV	54.0	-12.5	1.23 H	150	36.89	4.61
3	*5600.00	103.6 PK			1.23 H	150	98.64	4.96
4	*5600.00	93.7 AV			1.23 H	150	88.74	4.96
5	#5725.00	51.8 PK	74.0	-22.2	1.23 H	150	46.87	4.93
6	#5725.00	39.9 AV	54.0	-14.1	1.23 H	150	34.97	4.93
7	11200.00	55.6 PK	74.0	-18.4	1.00 H	214	44.86	10.74
8	11200.00	41.1 AV	54.0	-12.9	1.00 H	214	30.36	10.74
9	#16800.00	62.6 PK	74.0	-11.4	1.00 H	212	44.38	18.22
10	#16800.00	49.5 AV	54.0	-4.5	1.00 H	212	31.28	18.22
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	#5470.00	56.0 PK	74.0	-18.0	1.40 V	142	51.39	4.61
2	#5470.00	42.3 AV	54.0	-11.7	1.40 V	142	37.69	4.61
3	*5600.00	112.5 PK			1.40 V	142	107.54	4.96
4	*5600.00	101.7 AV			1.40 V	142	96.74	4.96
5	#5725.00	52.8 PK	74.0	-21.2	1.40 V	142	47.87	4.93
6	#5725.00	40.6 AV	54.0	-13.4	1.40 V	142	35.67	4.93
7	11200.00	53.9 PK	74.0	-20.1	1.10 V	292	43.16	10.74
8	11200.00	40.9 AV	54.0	-13.1	1.10 V	292	30.16	10.74
9	#16800.00	63.5 PK	74.0	-10.5	1.00 V	170	45.28	18.22
10	#16800.00	50.3 AV	54.0	-3.7	1.00 V	170	32.08	18.22

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	98.9 PK			1.05 H	343	93.99	4.91
2	*5700.00	89.3 AV			1.05 H	343	84.39	4.91
3	#5725.00	58.1 PK	74.0	-15.9	1.05 H	343	53.17	4.93
4	#5725.00	42.4 AV	54.0	-11.6	1.05 H	343	37.47	4.93
5	11400.00	57.3 PK	74.0	-16.7	1.02 H	160	46.67	10.63
6	11400.00	41.7 AV	54.0	-12.3	1.02 H	160	31.07	10.63
7	#17100.00	63.5 PK	74.0	-10.5	1.08 H	221	44.95	18.55
8	#17100.00	50.3 AV	54.0	-3.7	1.08 H	221	31.75	18.55
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	104.9 PK			1.38 V	29	99.99	4.91
2	*5700.00	95.1 AV			1.38 V	29	90.19	4.91
3	#5725.00	69.6 PK	74.0	-4.4	1.38 V	29	64.67	4.93
4	#5725.00	50.7 AV	54.0	-3.3	1.38 V	29	45.77	4.93
5	11400.00	53.6 PK	74.0	-20.4	1.04 V	274	42.97	10.63
6	11400.00	40.2 AV	54.0	-13.8	1.04 V	274	29.57	10.63
7	#17100.00	61.3 PK	74.0	-12.7	1.02 V	185	42.75	18.55
8	#17100.00	48.6 AV	54.0	-5.4	1.02 V	185	30.05	18.55

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	59.3 PK	74.0	-14.7	1.00 H	52	54.40	4.90
2	#5715.00	40.2 AV	54.0	-13.8	1.00 H	52	35.30	4.90
3	#5725.00	68.4 PK	78.2	-9.8	1.00 H	52	63.47	4.93
4	*5745.00	95.4 PK			1.00 H	52	90.48	4.92
5	*5745.00	86.3 AV			1.00 H	52	81.38	4.92
6	11490.00	54.5 PK	74.0	-19.5	1.05 H	246	43.85	10.65
7	11490.00	42.9 AV	54.0	-11.1	1.05 H	246	32.25	10.65
8	#17235.00	62.0 PK	74.0	-12.0	1.38 H	194	42.55	19.45
9	#17235.00	49.8 AV	54.0	-4.2	1.38 H	194	30.35	19.45
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	#5715.00	60.3 PK	74.0	-13.7	1.14 V	74	55.40	4.90
2	#5715.00	43.9 AV	54.0	-10.1	1.14 V	74	39.00	4.90
3	**#5725.00**	**78.1 PK**	**78.2**	**-0.1**	**1.14 V**	**74**	**73.17**	**4.93**
4	*5745.00	104.6 PK			1.14 V	74	99.68	4.92
5	*5745.00	95.3 AV			1.14 V	74	90.38	4.92
6	11490.00	53.9 PK	74.0	-20.1	1.08 V	339	43.25	10.65
7	11490.00	42.1 AV	54.0	-11.9	1.08 V	339	31.45	10.65
8	#17235.00	63.6 PK	74.0	-10.4	1.05 V	89	44.15	19.45
9	#17235.00	50.8 AV	54.0	-3.2	1.05 V	89	31.35	19.45

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	59.2 PK	74.0	-14.8	1.00 H	47	54.30	4.90
2	#5715.00	43.4 AV	54.0	-10.6	1.00 H	47	38.50	4.90
3	#5725.00	62.4 PK	78.2	-15.8	1.00 H	47	57.47	4.93
4	*5785.00	100.0 PK			1.00 H	47	95.05	4.95
5	*5785.00	91.0 AV			1.00 H	47	86.05	4.95
6	#5850.00	62.6 PK	78.2	-15.6	1.00 H	47	57.58	5.02
7	#5860.00	59.3 PK	74.0	-14.7	1.00 H	47	54.26	5.04
8	#5860.00	42.1 AV	54.0	-11.9	1.00 H	47	37.06	5.04
9	11570.00	56.0 PK	74.0	-18.0	1.00 H	209	45.32	10.68
10	11570.00	41.2 AV	54.0	-12.8	1.00 H	209	30.52	10.68
11	#17355.00	62.6 PK	74.0	-11.4	1.04 H	187	42.84	19.76
12	#17355.00	49.4 AV	54.0	-4.6	1.04 H	187	29.64	19.76
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	#5715.00	61.7 PK	74.0	-12.3	1.12 V	89	56.80	4.90
2	#5715.00	45.9 AV	54.0	-8.1	1.12 V	89	41.00	4.90
3	#5725.00	64.8 PK	78.2	-13.4	1.12 V	89	59.87	4.93
4	*5785.00	111.5 PK			1.12 V	89	106.55	4.95
5	*5785.00	101.3 AV			1.12 V	89	96.35	4.95
6	#5850.00	64.7 PK	78.2	-13.5	1.12 V	89	59.68	5.02
7	#5860.00	60.9 PK	74.0	-13.1	1.12 V	89	55.86	5.04
8	#5860.00	44.9 AV	54.0	-9.1	1.12 V	89	39.86	5.04
9	11570.00	54.1 PK	74.0	-19.9	1.00 V	233	43.42	10.68
10	11570.00	41.2 AV	54.0	-12.8	1.00 V	233	30.52	10.68
11	#17355.00	62.6 PK	74.0	-11.4	1.00 V	192	42.84	19.76
12	#17355.00	49.5 AV	54.0	-4.5	1.00 V	192	29.74	19.76

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5825.00	99.5 PK			1.05 H	44	94.52	4.98
2	*5825.00	90.8 AV			1.05 H	44	85.82	4.98
3	#5850.00	62.2 PK	78.2	-16.0	1.05 H	51	57.18	5.02
4	#5860.00	68.3 PK	74.0	-5.7	1.05 H	44	63.26	5.04
5	#5860.00	50.3 AV	54.0	-3.7	1.05 H	44	45.26	5.04
6	11650.00	56.5 PK	74.0	-17.5	1.02 H	208	45.91	10.59
7	11650.00	41.5 AV	54.0	-12.5	1.02 H	208	30.91	10.59
8	#17475.00	63.0 PK	74.0	-11.0	1.02 H	186	43.05	19.95
9	#17475.00	49.8 AV	54.0	-4.2	1.02 H	186	29.85	19.95
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	*5825.00	109.7 PK			1.11 V	89	104.72	4.98
2	*5825.00	99.5 AV			1.11 V	89	94.52	4.98
3	#5850.00	76.9 PK	78.2	-1.3	1.11 V	89	71.88	5.02
4	#5860.00	70.7 PK	74.0	-3.3	1.11 V	89	65.66	5.04
5	#5860.00	53.2 AV	54.0	-0.8	1.11 V	89	48.16	5.04
6	11650.00	53.8 PK	74.0	-20.2	1.07 V	326	43.21	10.59
7	11650.00	41.6 AV	54.0	-12.4	1.07 V	326	31.01	10.59
8	#17475.00	63.5 PK	74.0	-10.5	1.00 V	78	43.55	19.95
9	#17475.00	50.5 AV	54.0	-3.5	1.00 V	78	30.55	19.95

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	50.9 PK	74.0	-23.1	1.02 H	344	46.62	4.28
2	5150.00	38.9 AV	54.0	-15.1	1.02 H	344	34.62	4.28
3	*5190.00	92.8 PK			1.02 H	344	88.39	4.41
4	*5190.00	84.5 AV			1.02 H	344	80.09	4.41
5	#10380.00	57.6 PK	74.0	-16.4	1.02 H	148	47.53	10.07
6	#10380.00	42.2 AV	54.0	-11.8	1.02 H	148	32.13	10.07
7	15570.00	63.7 PK	74.0	-10.3	1.14 H	212	48.75	14.95
8	15570.00	50.3 AV	54.0	-3.7	1.14 H	212	35.35	14.95
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	70.1 PK	74.0	-3.9	1.15 V	134	65.82	4.28
2	5150.00	47.3 AV	54.0	-6.7	1.15 V	134	43.02	4.28
3	*5190.00	102.0 PK			1.15 V	134	97.59	4.41
4	*5190.00	92.9 AV			1.15 V	134	88.49	4.41
5	#10380.00	53.0 PK	74.0	-21.0	1.05 V	276	42.93	10.07
6	#10380.00	39.7 AV	54.0	-14.3	1.05 V	276	29.63	10.07
7	15570.00	61.4 PK	74.0	-12.6	1.08 V	187	46.45	14.95
8	15570.00	48.7 AV	54.0	-5.3	1.08 V	187	33.75	14.95

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	58.6 PK	74.0	-15.4	1.06 H	330	54.32	4.28
2	5150.00	42.8 AV	54.0	-11.2	1.06 H	330	38.52	4.28
3	*5230.00	98.3 PK			1.06 H	330	93.88	4.42
4	*5230.00	88.8 AV			1.06 H	330	84.38	4.42
5	5350.00	50.4 PK	74.0	-23.6	1.06 H	330	45.89	4.51
6	5350.00	39.6 AV	54.0	-14.4	1.06 H	330	35.09	4.51
7	#10460.00	57.4 PK	74.0	-16.6	1.06 H	153	47.19	10.21
8	#10460.00	41.6 AV	54.0	-12.4	1.06 H	153	31.39	10.21
9	15690.00	64.0 PK	74.0	-10.0	1.13 H	213	49.32	14.68
10	15690.00	50.7 AV	54.0	-3.3	1.13 H	213	36.02	14.68
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	67.4 PK	74.0	-6.6	1.02 V	133	63.12	4.28
2	5150.00	50.7 AV	54.0	-3.3	1.02 V	133	46.42	4.28
3	*5230.00	108.5 PK			1.00 V	133	104.08	4.42
4	*5230.00	98.2 AV			1.00 V	133	93.78	4.42
5	5350.00	53.2 PK	74.0	-20.8	1.02 V	133	48.69	4.51
6	5350.00	41.5 AV	54.0	-12.5	1.02 V	133	36.99	4.51
7	#10460.00	53.5 PK	74.0	-20.5	1.07 V	287	43.29	10.21
8	#10460.00	40.0 AV	54.0	-14.0	1.07 V	287	29.79	10.21
9	15690.00	61.2 PK	74.0	-12.8	1.02 V	193	46.52	14.68
10	15690.00	48.4 AV	54.0	-5.6	1.02 V	193	33.72	14.68

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	58.1 PK	74.0	-15.9	1.04 H	323	53.82	4.28
2	5150.00	42.3 AV	54.0	-11.7	1.04 H	323	38.02	4.28
3	*5270.00	97.9 PK			1.04 H	323	93.52	4.38
4	*5270.00	88.4 AV			1.04 H	323	84.02	4.38
5	5350.00	49.9 PK	74.0	-24.1	1.04 H	323	45.39	4.51
6	5350.00	39.2 AV	54.0	-14.8	1.04 H	323	34.69	4.51
7	#10540.00	57.6 PK	74.0	-16.4	1.02 H	145	47.15	10.45
8	#10540.00	42.0 AV	54.0	-12.0	1.02 H	145	31.55	10.45
9	15810.00	64.4 PK	74.0	-9.6	1.18 H	211	49.62	14.78
10	15810.00	51.1 AV	54.0	-2.9	1.18 H	211	36.32	14.78
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	54.0 PK	74.0	-20.0	1.12 V	132	49.72	4.28
2	5150.00	44.2 AV	54.0	-9.8	1.12 V	132	39.92	4.28
3	*5270.00	109.5 PK			1.12 V	132	105.12	4.38
4	*5270.00	99.0 AV			1.12 V	132	94.62	4.38
5	5350.00	66.0 PK	74.0	-8.0	1.12 V	132	61.49	4.51
6	5350.00	50.0 AV	54.0	-4.0	1.12 V	132	45.49	4.51
7	#10540.00	53.6 PK	74.0	-20.4	1.04 V	268	43.15	10.45
8	#10540.00	40.4 AV	54.0	-13.6	1.04 V	268	29.95	10.45
9	15810.00	61.4 PK	74.0	-12.6	1.02 V	172	46.62	14.78
10	15810.00	48.7 AV	54.0	-5.3	1.02 V	172	33.92	14.78

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	93.0 PK			1.06 H	356	88.61	4.39
2	*5310.00	84.7 AV			1.06 H	356	80.31	4.39
3	5350.00	53.4 PK	74.0	-20.6	1.06 H	356	48.89	4.51
4	5350.00	42.4 AV	54.0	-11.6	1.06 H	356	37.89	4.51
5	10620.00	57.9 PK	74.0	-16.1	1.05 H	162	47.25	10.65
6	10620.00	42.5 AV	54.0	-11.5	1.05 H	162	31.85	10.65
7	15930.00	64.2 PK	74.0	-9.8	1.16 H	220	49.19	15.01
8	15930.00	50.8 AV	54.0	-3.2	1.16 H	220	35.79	15.01
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	102.5 PK			1.22 V	45	98.11	4.39
2	*5310.00	91.9 AV			1.22 V	45	87.51	4.39
3	5350.00	69.5 PK	74.0	-4.5	1.22 V	45	64.99	4.51
4	5350.00	50.3 AV	54.0	-3.7	1.22 V	45	45.79	4.51
5	10620.00	53.8 PK	74.0	-20.2	1.07 V	262	43.15	10.65
6	10620.00	40.2 AV	54.0	-13.8	1.07 V	262	29.55	10.65
7	15930.00	61.1 PK	74.0	-12.9	1.08 V	196	46.09	15.01
8	15930.00	48.2 AV	54.0	-5.8	1.08 V	196	33.19	15.01

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	54.4 PK	74.0	-19.6	1.00 H	358	49.79	4.61
2	#5470.00	43.2 AV	54.0	-10.8	1.00 H	358	38.59	4.61
3	*5510.00	93.3 PK			1.00 H	358	88.67	4.63
4	*5510.00	85.0 AV			1.00 H	358	80.37	4.63
5	11020.00	57.6 PK	74.0	-16.4	1.00 H	139	46.78	10.82
6	11020.00	42.3 AV	54.0	-11.7	1.00 H	139	31.48	10.82
7	#16530.00	63.5 PK	74.0	-10.5	1.18 H	225	46.46	17.04
8	#16530.00	47.6 AV	54.0	-6.4	1.18 H	225	30.56	17.04
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	#5470.00	70.2 PK	74.0	-3.8	1.18 V	136	65.59	4.61
2	#5470.00	50.2 AV	54.0	-3.8	1.18 V	136	45.59	4.61
3	*5510.00	103.5 PK			1.18 V	136	98.87	4.63
4	*5510.00	93.0 AV			1.18 V	136	88.37	4.63
5	11020.00	53.7 PK	74.0	-20.3	1.09 V	288	42.88	10.82
6	11020.00	40.6 AV	54.0	-13.4	1.09 V	288	29.78	10.82
7	#16530.00	61.3 PK	74.0	-12.7	1.01 V	179	44.26	17.04
8	#16530.00	48.5 AV	54.0	-5.5	1.01 V	179	31.46	17.04

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 118	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	58.9 PK	74.0	-15.1	1.02 H	329	54.29	4.61
2	#5470.00	42.9 AV	54.0	-11.1	1.02 H	329	38.29	4.61
3	*5590.00	98.1 PK			1.02 H	329	93.18	4.92
4	*5590.00	88.4 AV			1.02 H	329	83.48	4.92
5	#5725.00	51.0 PK	74.0	-23.0	1.02 H	329	46.07	4.93
6	#5725.00	39.9 AV	54.0	-14.1	1.02 H	329	34.97	4.93
7	11180.00	57.8 PK	74.0	-16.2	1.00 H	141	47.08	10.72
8	11180.00	41.9 AV	54.0	-12.1	1.00 H	141	31.18	10.72
9	#16770.00	63.6 PK	74.0	-10.4	1.10 H	197	45.56	18.04
10	#16770.00	50.3 AV	54.0	-3.7	1.10 H	197	32.26	18.04
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	#5470.00	68.6 PK	74.0	-5.4	1.17 V	41	63.99	4.61
2	#5470.00	50.2 AV	54.0	-3.8	1.17 V	41	45.59	4.61
3	*5590.00	110.2 PK			1.17 V	41	105.28	4.92
4	*5590.00	99.4 AV			1.17 V	41	94.48	4.92
5	#5725.00	57.4 PK	74.0	-16.6	1.17 V	41	52.47	4.93
6	#5725.00	43.3 AV	54.0	-10.7	1.17 V	41	38.37	4.93
7	11180.00	52.8 PK	74.0	-21.2	1.05 V	281	42.08	10.72
8	11180.00	39.7 AV	54.0	-14.3	1.05 V	281	28.98	10.72
9	#16770.00	62.0 PK	74.0	-12.0	1.03 V	177	43.96	18.04
10	#16770.00	49.1 AV	54.0	-4.9	1.03 V	177	31.06	18.04

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	92.9 PK			1.00 H	358	87.97	4.93
2	*5670.00	84.6 AV			1.00 H	358	79.67	4.93
3	#5725.00	54.8 PK	74.0	-19.2	1.00 H	358	49.87	4.93
4	#5725.00	43.4 AV	54.0	-10.6	1.00 H	358	38.47	4.93
5	11340.00	57.4 PK	74.0	-16.6	1.02 H	128	46.64	10.76
6	11340.00	42.1 AV	54.0	-11.9	1.02 H	128	31.34	10.76
7	#17010.00	63.4 PK	74.0	-10.6	1.18 H	210	45.03	18.37
8	#17010.00	47.4 AV	54.0	-6.6	1.18 H	210	29.03	18.37
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	103.0 PK			1.14 V	74	98.07	4.93
2	*5670.00	93.0 AV			1.14 V	74	88.07	4.93
3	#5725.00	68.1 PK	74.0	-5.9	1.14 V	74	63.17	4.93
4	#5725.00	50.3 AV	54.0	-3.7	1.14 V	74	45.37	4.93
5	11340.00	52.7 PK	74.0	-21.3	1.02 V	269	41.94	10.76
6	11340.00	39.5 AV	54.0	-14.5	1.02 V	269	28.74	10.76
7	#17010.00	61.6 PK	74.0	-12.4	1.03 V	174	43.23	18.37
8	#17010.00	48.7 AV	54.0	-5.3	1.03 V	174	30.33	18.37

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	67.2 PK	74.0	-6.8	1.01 H	346	62.30	4.90
2	#5715.00	50.3 AV	54.0	-3.7	1.01 H	346	45.40	4.90
3	#5725.00	70.6 PK	78.2	-7.6	1.01 H	346	65.67	4.93
4	*5755.00	92.6 PK			1.01 H	346	87.67	4.93
5	*5755.00	84.4 AV			1.01 H	346	79.47	4.93
6	11510.00	57.8 PK	74.0	-16.2	1.08 H	129	47.14	10.66
7	11510.00	42.3 AV	54.0	-11.7	1.08 H	129	31.64	10.66
8	#17265.00	63.1 PK	74.0	-10.9	1.13 H	229	43.58	19.52
9	#17265.00	49.7 AV	54.0	-4.3	1.13 H	229	30.18	19.52
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	#5715.00	72.5 PK	74.0	-1.5	1.14 V	89	67.60	4.90
2	#5715.00	53.5 AV	54.0	-0.5	1.14 V	89	48.60	4.90
3	#5725.00	74.2 PK	78.2	-4.0	1.14 V	89	69.27	4.93
4	*5755.00	102.4 PK			1.14 V	89	97.47	4.93
5	*5755.00	92.2 AV			1.14 V	89	87.27	4.93
6	11510.00	53.4 PK	74.0	-20.6	1.05 V	273	42.74	10.66
7	11510.00	39.8 AV	54.0	-14.2	1.05 V	273	29.14	10.66
8	#17265.00	60.9 PK	74.0	-13.1	1.05 V	174	41.38	19.52
9	#17265.00	48.0 AV	54.0	-6.0	1.05 V	174	28.48	19.52

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5795.00	93.1 PK			1.02 H	359	88.14	4.96
2	*5795.00	84.8 AV			1.02 H	359	79.84	4.96
3	#5850.00	67.4 PK	78.2	-10.8	1.02 H	359	62.38	5.02
4	#5860.00	67.0 PK	74.0	-7.0	1.02 H	359	61.96	5.04
5	#5860.00	50.2 AV	54.0	-3.8	1.02 H	359	45.16	5.04
6	11590.00	57.9 PK	74.0	-16.1	1.07 H	116	47.21	10.69
7	11590.00	42.6 AV	54.0	-11.4	1.07 H	116	31.91	10.69
8	#17385.00	63.2 PK	74.0	-10.8	1.19 H	219	43.34	19.86
9	#17385.00	49.8 AV	54.0	-4.2	1.19 H	219	29.94	19.86
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	*5795.00	105.8 PK			1.12 V	88	100.84	4.96
2	*5795.00	95.9 AV			1.12 V	88	90.94	4.96
3	#5850.00	69.5 PK	78.2	-8.7	1.12 V	88	64.48	5.02
4	#5860.00	70.5 PK	74.0	-3.5	1.12 V	88	65.46	5.04
5	#5860.00	53.3 AV	54.0	-0.7	1.12 V	88	48.26	5.04
6	11590.00	55.6 PK	74.0	-18.4	1.08 V	271	44.91	10.69
7	11590.00	41.3 AV	54.0	-12.7	1.08 V	271	30.61	10.69
8	#17385.00	62.4 PK	74.0	-11.6	1.05 V	160	42.54	19.86
9	#17385.00	49.2 AV	54.0	-4.8	1.05 V	160	29.34	19.86

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.

4.2.9 TEST RESULTS (MODE 2)

BELOW 1GHz WORST-CASE DATA

802.11a

CHANNEL	TX Channel 60	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	Below 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	240.01	40.8 QP	46.0	-5.2	1.00 H	152	54.60	-13.80
2	643.14	40.4 QP	46.0	-5.6	1.00 H	164	44.19	-3.79
3	669.86	42.8 QP	46.0	-3.2	1.00 H	253	46.44	-3.61
4	869.73	41.5 QP	46.0	-4.5	1.78 H	162	41.58	-0.08
5	875.26	41.1 QP	46.0	-4.9	1.00 H	239	41.08	0.02
6	921.67	40.8 QP	46.0	-5.2	1.49 H	311	39.67	1.13
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	106.34	33.5 QP	43.5	-10.0	1.50 V	223	49.56	-16.05
2	165.99	37.7 QP	43.5	-5.8	1.00 V	277	50.58	-12.88
3	675.39	39.2 QP	46.0	-6.8	1.00 V	125	42.73	-3.55
4	874.00	40.6 QP	46.0	-5.4	1.00 V	147	40.62	0.01
5	924.29	42.1 QP	46.0	-3.9	1.50 V	297	40.96	1.14
6	995.78	48.6 QP	54.0	-5.4	1.00 V	254	46.68	1.96

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

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	69.5 PK	74.0	-4.5	1.27 H	245	60.90	8.60
2	5150.00	53.5 AV	54.0	-0.5	1.27 H	245	44.90	8.60
3	*5180.00	107.7 PK			1.27 H	245	98.94	8.76
4	*5180.00	99.5 AV			1.27 H	245	90.74	8.76
5	#10360.00	48.9 PK	74.0	-25.1	1.15 H	29	33.36	15.54
6	#10360.00	36.6 AV	54.0	-17.4	1.15 H	29	21.06	15.54
7	15540.00	54.1 PK	74.0	-19.9	1.00 H	105	31.73	22.37
8	15540.00	41.3 AV	54.0	-12.7	1.00 H	105	18.93	22.37
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	66.5 PK	74.0	-7.5	1.00 V	296	57.90	8.60
2	5150.00	52.4 AV	54.0	-1.6	1.00 V	296	43.80	8.60
3	*5180.00	106.3 PK			1.00 V	296	97.54	8.76
4	*5180.00	97.7 AV			1.00 V	296	88.94	8.76
5	#10360.00	48.3 PK	74.0	-25.7	1.00 V	70	32.76	15.54
6	#10360.00	36.2 AV	54.0	-17.8	1.00 V	70	20.66	15.54
7	15540.00	53.9 PK	74.0	-20.1	1.00 V	109	31.53	22.37
8	15540.00	41.1 AV	54.0	-12.9	1.00 V	109	18.73	22.37

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	63.7 PK	74.0	-10.3	1.77 H	296	55.10	8.60
2	5150.00	48.5 AV	54.0	-5.5	1.77 H	296	39.90	8.60
3	*5200.00	113.2 PK			1.77 H	296	104.33	8.87
4	*5200.00	102.9 AV			1.77 H	296	94.03	8.87
5	#10400.00	48.6 PK	74.0	-25.4	1.15 H	24	33.42	15.18
6	#10400.00	36.2 AV	54.0	-17.8	1.15 H	24	21.02	15.18
7	15600.00	53.8 PK	74.0	-20.2	1.00 H	106	31.68	22.12
8	15600.00	41.7 AV	54.0	-12.3	1.00 H	106	19.58	22.12
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	1.00 V	296	51.40	8.60
2	5150.00	44.6 AV	54.0	-9.4	1.00 V	296	36.00	8.60
3	*5200.00	109.2 PK			1.00 V	296	100.33	8.87
4	*5200.00	98.9 AV			1.00 V	296	90.03	8.87
5	#10400.00	48.2 PK	74.0	-25.8	1.05 V	61	33.02	15.18
6	#10400.00	36.1 AV	54.0	-17.9	1.05 V	61	20.92	15.18
7	15600.00	54.7 PK	74.0	-19.3	1.02 V	121	32.58	22.12
8	15600.00	41.6 AV	54.0	-12.4	1.02 V	121	19.48	22.12

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	112.5 PK			1.80 H	308	103.49	9.01
2	*5240.00	102.4 AV			1.80 H	308	93.39	9.01
3	#10480.00	48.8 PK	74.0	-25.2	1.12 H	28	33.00	15.80
4	#10480.00	36.4 AV	54.0	-17.6	1.12 H	28	20.60	15.80
5	15720.00	54.1 PK	74.0	-19.9	1.04 H	120	32.30	21.80
6	15720.00	42.0 AV	54.0	-12.0	1.04 H	120	20.20	21.80
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	109.0 PK			1.03 V	293	99.99	9.01
2	*5240.00	98.8 AV			1.03 V	293	89.79	9.01
3	#10480.00	49.0 PK	74.0	-25.0	1.01 V	56	33.20	15.80
4	#10480.00	37.0 AV	54.0	-17.0	1.01 V	56	21.20	15.80
5	15720.00	54.9 PK	74.0	-19.1	1.02 V	117	33.10	21.80
6	15720.00	42.1 AV	54.0	-11.9	1.02 V	117	20.30	21.80

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5260.00	113.4 PK			1.80 H	289	104.33	9.07
2	*5260.00	103.3 AV			1.80 H	289	94.23	9.07
3	#10520.00	48.4 PK	74.0	-25.6	1.15 H	13	32.42	15.98
4	#10520.00	36.3 AV	54.0	-17.7	1.15 H	13	20.32	15.98
5	15780.00	53.2 PK	74.0	-20.8	1.02 H	94	31.21	21.99
6	15780.00	41.3 AV	54.0	-12.7	1.02 H	94	19.31	21.99
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	*5260.00	109.2 PK			1.05 V	124	100.13	9.07
2	*5260.00	98.9 AV			1.05 V	124	89.83	9.07
3	#10520.00	48.8 PK	74.0	-25.2	1.09 V	62	32.82	15.98
4	#10520.00	36.6 AV	54.0	-17.4	1.09 V	62	20.62	15.98
5	15780.00	54.5 PK	74.0	-19.5	1.05 V	134	32.51	21.99
6	15780.00	41.3 AV	54.0	-12.7	1.05 V	134	19.31	21.99

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	113.0 PK			1.70 H	297	103.79	9.21
2	*5300.00	102.8 AV			1.70 H	297	93.59	9.21
3	5350.00	63.8 PK	74.0	-10.2	1.70 H	297	54.49	9.31
4	5350.00	50.1 AV	54.0	-3.9	1.70 H	297	40.79	9.31
5	10600.00	50.1 PK	74.0	-23.9	1.09 H	142	33.98	16.12
6	10600.00	37.5 AV	54.0	-16.5	1.09 H	142	21.38	16.12
7	15900.00	53.2 PK	74.0	-20.8	1.00 H	112	31.10	22.10
8	15900.00	40.9 AV	54.0	-13.1	1.00 H	112	18.80	22.10
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	109.6 PK			1.11 V	118	100.39	9.21
2	*5300.00	99.2 AV			1.11 V	118	89.99	9.21
3	5350.00	59.1 PK	74.0	-14.9	1.11 V	118	49.79	9.31
4	5350.00	45.6 AV	54.0	-8.4	1.11 V	118	36.29	9.31
5	10600.00	48.8 PK	74.0	-25.2	1.00 V	53	32.68	16.12
6	10600.00	36.9 AV	54.0	-17.1	1.00 V	53	20.78	16.12
7	15900.00	54.1 PK	74.0	-19.9	1.05 V	136	32.00	22.10
8	15900.00	41.4 AV	54.0	-12.6	1.05 V	136	19.30	22.10

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – 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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	107.5 PK			1.26 H	243	98.25	9.25
2	*5320.00	98.7 AV			1.26 H	243	89.45	9.25
3	5350.00	71.6 PK	74.0	-2.4	1.26 H	243	62.29	9.31
4	5350.00	53.5 AV	54.0	-0.5	1.26 H	243	44.19	9.31
5	10640.00	50.3 PK	74.0	-23.7	1.11 H	134	34.04	16.26
6	10640.00	37.9 AV	54.0	-16.1	1.11 H	134	21.64	16.26
7	15960.00	53.2 PK	74.0	-20.8	1.02 H	117	31.22	21.98
8	15960.00	40.9 AV	54.0	-13.1	1.02 H	117	18.92	21.98
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	103.7 PK			1.09 V	145	94.45	9.25
2	*5320.00	94.9 AV			1.09 V	145	85.65	9.25
3	5350.00	67.7 PK	74.0	-6.3	1.09 V	145	58.39	9.31
4	5350.00	49.4 AV	54.0	-4.6	1.09 V	145	40.09	9.31
5	10640.00	49.1 PK	74.0	-24.9	1.01 V	67	32.84	16.26
6	10640.00	37.2 AV	54.0	-16.8	1.01 V	67	20.94	16.26
7	15960.00	54.3 PK	74.0	-19.7	1.01 V	127	32.32	21.98
8	15960.00	41.7 AV	54.0	-12.3	1.01 V	127	19.72	21.98

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	62.6 PK	74.0	-11.4	1.40 H	241	52.95	9.65
2	5460.00	47.4 AV	54.0	-6.6	1.40 H	241	37.75	9.65
3	#5470.00	69.1 PK	74.0	-4.9	1.40 H	241	59.41	9.69
4	#5470.00	53.5 AV	54.0	-0.5	1.40 H	241	43.81	9.69
5	*5500.00	108.3 PK			1.40 H	241	98.49	9.81
6	*5500.00	99.1 AV			1.40 H	241	89.29	9.81
7	11000.00	48.7 PK	74.0	-25.3	1.11 H	26	31.10	17.60
8	11000.00	36.6 AV	54.0	-17.4	1.11 H	26	19.00	17.60
9	#16500.00	53.4 PK	74.0	-20.6	1.00 H	87	29.26	24.14
10	#16500.00	41.4 AV	54.0	-12.6	1.00 H	87	17.26	24.14
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	58.2 PK	74.0	-15.8	1.02 V	114	48.55	9.65
2	5460.00	43.0 AV	54.0	-11.0	1.02 V	114	33.35	9.65
3	#5470.00	64.9 PK	74.0	-9.1	1.02 V	114	55.21	9.69
4	#5470.00	49.6 AV	54.0	-4.4	1.02 V	114	39.91	9.69
5	*5500.00	104.0 PK			1.02 V	114	94.19	9.81
6	*5500.00	95.0 AV			1.02 V	114	85.19	9.81
7	11000.00	48.9 PK	74.0	-25.1	1.00 V	45	31.30	17.60
8	11000.00	36.9 AV	54.0	-17.1	1.00 V	45	19.30	17.60
9	#16500.00	54.6 PK	74.0	-19.4	1.05 V	146	30.46	24.14
10	#16500.00	41.8 AV	54.0	-12.2	1.05 V	146	17.66	24.14

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 120	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	53.7 PK	74.0	-20.3	1.56 H	317	49.09	4.61
2	#5470.00	40.7 AV	54.0	-13.3	1.56 H	317	36.09	4.61
3	*5600.00	103.8 PK			1.56 H	317	98.84	4.96
4	*5600.00	93.0 AV			1.56 H	317	88.04	4.96
5	#5725.00	46.7 PK	74.0	-27.3	1.56 H	317	41.77	4.93
6	#5725.00	39.3 AV	54.0	-14.7	1.56 H	317	34.37	4.93
7	11200.00	57.5 PK	74.0	-16.5	1.09 H	188	46.76	10.74
8	11200.00	42.3 AV	54.0	-11.7	1.09 H	188	31.56	10.74
9	#16800.00	63.2 PK	74.0	-10.8	1.06 H	190	44.98	18.22
10	#16800.00	49.7 AV	54.0	-4.3	1.06 H	190	31.48	18.22
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	#5470.00	54.9 PK	74.0	-19.1	1.09 V	268	50.29	4.61
2	#5470.00	42.5 AV	54.0	-11.5	1.09 V	268	37.89	4.61
3	*5600.00	110.3 PK			1.09 V	268	105.34	4.96
4	*5600.00	100.3 AV			1.09 V	268	95.34	4.96
5	#5725.00	51.5 PK	74.0	-22.5	1.09 V	268	46.57	4.93
6	#5725.00	41.2 AV	54.0	-12.8	1.09 V	268	36.27	4.93
7	11200.00	53.9 PK	74.0	-20.1	1.03 V	252	43.16	10.74
8	11200.00	41.2 AV	54.0	-12.8	1.03 V	252	30.46	10.74
9	#16800.00	61.5 PK	74.0	-12.5	1.08 V	199	43.28	18.22
10	#16800.00	48.7 AV	54.0	-5.3	1.08 V	199	30.48	18.22

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	106.6 PK			1.38 H	245	96.26	10.34
2	*5700.00	96.3 AV			1.38 H	245	85.96	10.34
3	#5725.00	70.4 PK	74.0	-3.6	1.38 H	245	60.02	10.38
4	#5725.00	53.5 AV	54.0	-0.5	1.38 H	245	43.12	10.38
5	11400.00	49.1 PK	74.0	-24.9	1.16 H	34	31.58	17.52
6	11400.00	36.5 AV	54.0	-17.5	1.16 H	34	18.98	17.52
7	#17100.00	54.2 PK	74.0	-19.8	1.03 H	94	28.91	25.29
8	#17100.00	41.1 AV	54.0	-12.9	1.03 H	94	15.81	25.29
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	104.1 PK			1.10 V	22	93.76	10.34
2	*5700.00	93.9 AV			1.10 V	22	83.56	10.34
3	#5725.00	68.1 PK	74.0	-5.9	1.10 V	22	57.72	10.38
4	#5725.00	51.4 AV	54.0	-2.6	1.10 V	22	41.02	10.38
5	11400.00	49.2 PK	74.0	-24.8	1.01 V	36	31.68	17.52
6	11400.00	37.1 AV	54.0	-16.9	1.01 V	36	19.58	17.52
7	#17100.00	53.6 PK	74.0	-20.4	1.03 V	133	28.31	25.29
8	#17100.00	41.3 AV	54.0	-12.7	1.03 V	133	16.01	25.29

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	57.9 PK	74.0	-16.1	1.02 H	45	53.00	4.90
2	#5715.00	41.9 AV	54.0	-12.1	1.02 H	45	37.00	4.90
3	#5725.00	62.8 PK	78.2	-15.4	1.02 H	45	57.87	4.93
4	*5745.00	94.8 PK			1.02 H	45	89.88	4.92
5	*5745.00	84.3 AV			1.02 H	45	79.38	4.92
6	11490.00	56.3 PK	74.0	-17.7	1.04 H	208	45.65	10.65
7	11490.00	41.2 AV	54.0	-12.8	1.04 H	208	30.55	10.65
8	#17235.00	61.7 PK	74.0	-12.3	1.02 H	237	42.25	19.45
9	#17235.00	49.1 AV	54.0	-4.9	1.02 H	237	29.65	19.45
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	#5715.00	61.1 PK	74.0	-12.9	1.00 V	225	56.20	4.90
2	#5715.00	44.6 AV	54.0	-9.4	1.00 V	225	39.70	4.90
3	#5725.00	68.3 PK	78.2	-9.9	1.00 V	225	63.37	4.93
4	*5745.00	102.5 PK			1.00 V	225	97.58	4.92
5	*5745.00	92.6 AV			1.00 V	225	87.68	4.92
6	11490.00	53.5 PK	74.0	-20.5	1.00 V	267	42.85	10.65
7	11490.00	40.2 AV	54.0	-13.8	1.00 V	267	29.55	10.65
8	#17235.00	62.1 PK	74.0	-11.9	1.05 V	181	42.65	19.45
9	#17235.00	49.2 AV	54.0	-4.8	1.05 V	181	29.75	19.45

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	59.9 PK	74.0	-14.1	1.05 H	34	55.00	4.90
2	#5715.00	40.4 AV	54.0	-13.6	1.05 H	34	35.50	4.90
3	#5725.00	59.4 PK	78.2	-18.8	1.05 H	34	54.47	4.93
4	*5785.00	99.4 PK			1.05 H	34	94.45	4.95
5	*5785.00	93.6 AV			1.05 H	34	88.65	4.95
6	#5850.00	58.3 PK	78.2	-19.9	1.05 H	34	53.28	5.02
7	#5860.00	54.4 PK	74.0	-19.6	1.05 H	34	49.36	5.04
8	#5860.00	39.3 AV	54.0	-14.7	1.05 H	34	34.26	5.04
9	11570.00	54.0 PK	74.0	-20.0	1.03 H	236	43.32	10.68
10	11570.00	42.4 AV	54.0	-11.6	1.03 H	236	31.72	10.68
11	#17355.00	62.7 PK	74.0	-11.3	1.36 H	200	42.94	19.76
12	#17355.00	50.3 AV	54.0	-3.7	1.36 H	200	30.54	19.76
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	#5715.00	61.9 PK	74.0	-12.1	1.00 V	224	57.00	4.90
2	#5715.00	42.9 AV	54.0	-11.1	1.00 V	224	38.00	4.90
3	#5725.00	60.6 PK	78.2	-17.6	1.00 V	224	55.67	4.93
4	*5785.00	106.1 PK			1.00 V	224	101.15	4.95
5	*5785.00	95.6 AV			1.00 V	224	90.65	4.95
6	#5850.00	59.0 PK	78.2	-19.2	1.00 V	224	53.98	5.02
7	#5860.00	56.4 PK	74.0	-17.6	1.00 V	224	51.36	5.04
8	#5860.00	40.4 AV	54.0	-13.6	1.00 V	224	35.36	5.04
9	11570.00	53.9 PK	74.0	-20.1	1.01 V	326	43.22	10.68
10	11570.00	41.7 AV	54.0	-12.3	1.01 V	326	31.02	10.68
11	#17355.00	63.6 PK	74.0	-10.4	1.00 V	99	43.84	19.76
12	#17355.00	50.6 AV	54.0	-3.4	1.00 V	99	30.84	19.76

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5825.00	96.3 PK			1.07 H	45	91.32	4.98
2	*5825.00	88.2 AV			1.07 H	45	83.22	4.98
3	#5850.00	58.4 PK	78.2	-19.8	1.07 H	45	53.38	5.02
4	#5860.00	54.9 PK	74.0	-19.1	1.07 H	45	49.86	5.04
5	#5860.00	40.4 AV	54.0	-13.6	1.07 H	45	35.36	5.04
6	11650.00	54.2 PK	74.0	-19.8	1.01 H	240	43.61	10.59
7	11650.00	42.6 AV	54.0	-11.4	1.01 H	240	32.01	10.59
8	#17475.00	62.7 PK	74.0	-11.3	1.34 H	206	42.75	19.95
9	#17475.00	50.3 AV	54.0	-3.7	1.34 H	206	30.35	19.95
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	*5825.00	105.4 PK			1.14 V	268	100.42	4.98
2	*5825.00	95.9 AV			1.14 V	268	90.92	4.98
3	#5850.00	68.9 PK	78.2	-9.3	1.14 V	268	63.88	5.02
4	#5860.00	62.8 PK	74.0	-11.2	1.14 V	268	57.76	5.04
5	#5860.00	47.0 AV	54.0	-7.0	1.14 V	268	41.96	5.04
6	11650.00	53.8 PK	74.0	-20.2	1.02 V	332	43.21	10.59
7	11650.00	41.8 AV	54.0	-12.2	1.02 V	332	31.21	10.59
8	#17475.00	63.6 PK	74.0	-10.4	1.00 V	108	43.65	19.95
9	#17475.00	50.8 AV	54.0	-3.2	1.00 V	108	30.85	19.95

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	71.3 PK	74.0	-2.7	1.32 H	244	62.70	8.60
2	5150.00	53.1 AV	54.0	-0.9	1.32 H	244	44.50	8.60
3	*5180.00	108.1 PK			1.32 H	244	99.34	8.76
4	*5180.00	98.0 AV			1.32 H	244	89.24	8.76
5	#10360.00	49.4 PK	74.0	-24.6	1.11 H	31	33.86	15.54
6	#10360.00	37.0 AV	54.0	-17.0	1.11 H	31	21.46	15.54
7	15540.00	54.2 PK	74.0	-19.8	1.00 H	106	31.83	22.37
8	15540.00	41.5 AV	54.0	-12.5	1.00 H	106	19.13	22.37
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	67.7 PK	74.0	-6.3	1.13 V	36	59.10	8.60
2	5150.00	49.4 AV	54.0	-4.6	1.13 V	36	40.80	8.60
3	*5180.00	103.4 PK			1.13 V	36	94.64	8.76
4	*5180.00	93.5 AV			1.13 V	36	84.74	8.76
5	#10360.00	48.7 PK	74.0	-25.3	1.10 V	41	33.16	15.54
6	#10360.00	36.6 AV	54.0	-17.4	1.10 V	41	21.06	15.54
7	15540.00	54.1 PK	74.0	-19.9	1.17 V	146	31.73	22.37
8	15540.00	41.3 AV	54.0	-12.7	1.17 V	146	18.93	22.37

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	113.7 PK			1.81 H	299	104.83	8.87
2	*5200.00	103.3 AV			1.81 H	299	94.43	8.87
3	#10400.00	48.2 PK	74.0	-25.8	1.11 H	33	33.02	15.18
4	#10400.00	35.7 AV	54.0	-18.3	1.11 H	33	20.52	15.18
5	15600.00	53.4 PK	74.0	-20.6	1.00 H	115	31.28	22.12
6	15600.00	41.4 AV	54.0	-12.6	1.00 H	115	19.28	22.12
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	110.0 PK			1.16 V	50	101.13	8.87
2	*5200.00	99.3 AV			1.16 V	50	90.43	8.87
3	#10400.00	48.3 PK	74.0	-25.7	1.05 V	50	33.12	15.18
4	#10400.00	36.4 AV	54.0	-17.6	1.05 V	50	21.22	15.18
5	15600.00	54.0 PK	74.0	-20.0	1.15 V	159	31.88	22.12
6	15600.00	41.5 AV	54.0	-12.5	1.15 V	159	19.38	22.12

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	113.5 PK			1.85 H	305	104.49	9.01
2	*5240.00	102.9 AV			1.85 H	305	93.89	9.01
3	#10480.00	47.6 PK	74.0	-26.4	1.12 H	30	31.80	15.80
4	#10480.00	35.3 AV	54.0	-18.7	1.12 H	30	19.50	15.80
5	15720.00	53.5 PK	74.0	-20.5	1.05 H	121	31.70	21.80
6	15720.00	41.3 AV	54.0	-12.7	1.05 H	121	19.50	21.80
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	109.1 PK			1.17 V	171	100.09	9.01
2	*5240.00	98.4 AV			1.17 V	171	89.39	9.01
3	#10480.00	48.0 PK	74.0	-26.0	1.00 V	56	32.20	15.80
4	#10480.00	35.7 AV	54.0	-18.3	1.00 V	56	19.90	15.80
5	15720.00	53.8 PK	74.0	-20.2	1.19 V	144	32.00	21.80
6	15720.00	41.4 AV	54.0	-12.6	1.19 V	144	19.60	21.80

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5260.00	114.0 PK			1.79 H	312	104.93	9.07
2	*5260.00	103.7 AV			1.79 H	312	94.63	9.07
3	#10520.00	49.3 PK	74.0	-24.7	1.16 H	35	33.32	15.98
4	#10520.00	36.5 AV	54.0	-17.5	1.16 H	35	20.52	15.98
5	15780.00	54.2 PK	74.0	-19.8	1.04 H	113	32.21	21.99
6	15780.00	41.3 AV	54.0	-12.7	1.04 H	113	19.31	21.99
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	*5260.00	109.6 PK			1.14 V	182	100.53	9.07
2	*5260.00	99.4 AV			1.14 V	182	90.33	9.07
3	#10520.00	49.7 PK	74.0	-24.3	1.00 V	52	33.72	15.98
4	#10520.00	37.5 AV	54.0	-16.5	1.00 V	52	21.52	15.98
5	15780.00	53.6 PK	74.0	-20.4	1.04 V	172	31.61	21.99
6	15780.00	41.1 AV	54.0	-12.9	1.04 V	172	19.11	21.99

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	113.5 PK			1.74 H	304	104.29	9.21
2	*5300.00	103.4 AV			1.74 H	304	94.19	9.21
3	10600.00	48.7 PK	74.0	-25.3	1.13 H	39	32.58	16.12
4	10600.00	36.2 AV	54.0	-17.8	1.13 H	39	20.08	16.12
5	15900.00	54.1 PK	74.0	-19.9	1.03 H	127	32.00	22.10
6	15900.00	41.1 AV	54.0	-12.9	1.03 H	127	19.00	22.10
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	109.2 PK			1.06 V	182	99.99	9.21
2	*5300.00	99.1 AV			1.06 V	182	89.89	9.21
3	10600.00	49.4 PK	74.0	-24.6	1.04 V	50	33.28	16.12
4	10600.00	37.1 AV	54.0	-16.9	1.04 V	50	20.98	16.12
5	15900.00	53.7 PK	74.0	-20.3	1.04 V	166	31.60	22.10
6	15900.00	41.2 AV	54.0	-12.8	1.04 V	166	19.10	22.10

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – 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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	107.3 PK			1.45 H	241	98.05	9.25
2	*5320.00	97.5 AV			1.45 H	241	88.25	9.25
3	5350.00	70.3 PK	74.0	-3.7	1.45 H	241	60.99	9.31
4	5350.00	53.1 AV	54.0	-0.9	1.45 H	241	43.79	9.31
5	10640.00	49.0 PK	74.0	-25.0	1.14 H	33	32.74	16.26
6	10640.00	36.6 AV	54.0	-17.4	1.14 H	33	20.34	16.26
7	15960.00	53.8 PK	74.0	-20.2	1.04 H	132	31.82	21.98
8	15960.00	40.7 AV	54.0	-13.3	1.04 H	132	18.72	21.98
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	103.6 PK			1.06 V	187	94.35	9.25
2	*5320.00	93.6 AV			1.06 V	187	84.35	9.25
3	5350.00	66.0 PK	74.0	-8.0	1.06 V	187	56.69	9.31
4	5350.00	48.9 AV	54.0	-5.1	1.06 V	187	39.59	9.31
5	10640.00	49.0 PK	74.0	-25.0	1.08 V	37	32.74	16.26
6	10640.00	36.9 AV	54.0	-17.1	1.08 V	37	20.64	16.26
7	15960.00	54.1 PK	74.0	-19.9	1.10 V	153	32.12	21.98
8	15960.00	41.7 AV	54.0	-12.3	1.10 V	153	19.72	21.98

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	62.6 PK	74.0	-11.4	1.64 H	304	52.95	9.65
2	5460.00	46.6 AV	54.0	-7.4	1.64 H	304	36.95	9.65
3	#5470.00	72.6 PK	74.0	-1.4	1.64 H	304	62.91	9.69
4	#5470.00	51.3 AV	54.0	-2.7	1.64 H	304	41.61	9.69
5	*5500.00	108.9 PK			1.64 H	304	99.09	9.81
6	*5500.00	99.1 AV			1.64 H	304	89.29	9.81
7	11000.00	48.6 PK	74.0	-25.4	1.19 H	38	31.00	17.60
8	11000.00	36.3 AV	54.0	-17.7	1.19 H	38	18.70	17.60
9	#16500.00	54.1 PK	74.0	-19.9	1.08 H	137	29.96	24.14
10	#16500.00	41.0 AV	54.0	-13.0	1.08 H	137	16.86	24.14
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	58.7 PK	74.0	-15.3	1.06 V	203	49.05	9.65
2	5460.00	42.9 AV	54.0	-11.1	1.06 V	203	33.25	9.65
3	#5470.00	68.4 PK	74.0	-5.6	1.06 V	203	58.71	9.69
4	#5470.00	47.2 AV	54.0	-6.8	1.06 V	203	37.51	9.69
5	*5500.00	104.5 PK			1.06 V	203	94.69	9.81
6	*5500.00	94.7 AV			1.06 V	203	84.89	9.81
7	11000.00	48.8 PK	74.0	-25.2	1.00 V	48	31.20	17.60
8	11000.00	36.7 AV	54.0	-17.3	1.00 V	48	19.10	17.60
9	#16500.00	54.1 PK	74.0	-19.9	1.03 V	170	29.96	24.14
10	#16500.00	41.2 AV	54.0	-12.8	1.03 V	170	17.06	24.14

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 120	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	52.2 PK	74.0	-21.8	1.70 H	333	47.59	4.61
2	#5470.00	41.5 AV	54.0	-12.5	1.70 H	333	36.89	4.61
3	*5600.00	102.1 PK			1.70 H	333	97.14	4.96
4	*5600.00	91.6 AV			1.70 H	333	86.64	4.96
5	#5725.00	48.1 PK	74.0	-25.9	1.70 H	333	43.17	4.93
6	#5725.00	40.7 AV	54.0	-13.3	1.70 H	333	35.77	4.93
7	11200.00	57.4 PK	74.0	-16.6	1.14 H	198	46.66	10.74
8	11200.00	41.9 AV	54.0	-12.1	1.14 H	198	31.16	10.74
9	#16800.00	64.0 PK	74.0	-10.0	1.02 H	215	45.78	18.22
10	#16800.00	49.3 AV	54.0	-4.7	1.02 H	215	31.08	18.22
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	#5470.00	54.9 PK	74.0	-19.1	1.08 V	270	50.29	4.61
2	#5470.00	42.4 AV	54.0	-11.6	1.08 V	270	37.79	4.61
3	*5600.00	108.6 PK			1.08 V	270	103.64	4.96
4	*5600.00	98.9 AV			1.08 V	270	93.94	4.96
5	#5725.00	52.1 PK	74.0	-21.9	1.08 V	270	47.17	4.93
6	#5725.00	41.0 AV	54.0	-13.0	1.08 V	270	36.07	4.93
7	11200.00	53.9 PK	74.0	-20.1	1.06 V	240	43.16	10.74
8	11200.00	41.2 AV	54.0	-12.8	1.06 V	240	30.46	10.74
9	#16800.00	61.2 PK	74.0	-12.8	1.06 V	192	42.98	18.22
10	#16800.00	48.7 AV	54.0	-5.3	1.06 V	192	30.48	18.22

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	106.9 PK			1.63 H	304	96.56	10.34
2	*5700.00	97.0 AV			1.63 H	304	86.66	10.34
3	#5725.00	70.1 PK	74.0	-3.9	1.63 H	304	59.72	10.38
4	#5725.00	53.2 AV	54.0	-0.8	1.63 H	304	42.82	10.38
5	11400.00	49.6 PK	74.0	-24.4	1.19 H	23	32.08	17.52
6	11400.00	36.8 AV	54.0	-17.2	1.19 H	23	19.28	17.52
7	#17100.00	54.6 PK	74.0	-19.4	1.07 H	115	29.31	25.29
8	#17100.00	41.3 AV	54.0	-12.7	1.07 H	115	16.01	25.29
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	103.2 PK			1.08 V	204	92.86	10.34
2	*5700.00	93.4 AV			1.08 V	204	83.06	10.34
3	#5725.00	66.5 PK	74.0	-7.5	1.08 V	204	56.12	10.38
4	#5725.00	49.4 AV	54.0	-4.6	1.08 V	204	39.02	10.38
5	11400.00	47.9 PK	74.0	-26.1	1.10 V	28	30.38	17.52
6	11400.00	36.0 AV	54.0	-18.0	1.10 V	28	18.48	17.52
7	#17100.00	53.6 PK	74.0	-20.4	1.07 V	164	28.31	25.29
8	#17100.00	40.9 AV	54.0	-13.1	1.07 V	164	15.61	25.29

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	59.2 PK	74.0	-14.8	1.09 H	47	54.30	4.90
2	#5715.00	40.4 AV	54.0	-13.6	1.09 H	47	35.50	4.90
3	#5725.00	62.6 PK	78.2	-15.6	1.09 H	47	57.67	4.93
4	*5745.00	94.5 PK			1.09 H	47	89.58	4.92
5	*5745.00	84.8 AV			1.09 H	47	79.88	4.92
6	11490.00	54.4 PK	74.0	-19.6	1.09 H	251	43.75	10.65
7	11490.00	43.1 AV	54.0	-10.9	1.09 H	251	32.45	10.65
8	#17235.00	61.9 PK	74.0	-12.1	1.37 H	179	42.45	19.45
9	#17235.00	49.8 AV	54.0	-4.2	1.37 H	179	30.35	19.45
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	#5715.00	63.2 PK	74.0	-10.8	1.05 V	269	58.30	4.90
2	#5715.00	43.7 AV	54.0	-10.3	1.05 V	269	38.80	4.90
3	#5725.00	72.3 PK	78.2	-5.9	1.05 V	269	67.37	4.93
4	*5745.00	103.7 PK			1.05 V	269	98.78	4.92
5	*5745.00	93.8 AV			1.05 V	269	88.88	4.92
6	11490.00	53.9 PK	74.0	-20.1	1.08 V	329	43.25	10.65
7	11490.00	41.9 AV	54.0	-12.1	1.08 V	329	31.25	10.65
8	#17235.00	63.8 PK	74.0	-10.2	1.05 V	104	44.35	19.45
9	#17235.00	51.3 AV	54.0	-2.7	1.05 V	104	31.85	19.45

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	58.8 PK	74.0	-15.2	1.09 H	38	53.90	4.90
2	#5715.00	43.5 AV	54.0	-10.5	1.09 H	38	38.60	4.90
3	#5725.00	62.4 PK	78.2	-15.8	1.09 H	38	57.47	4.93
4	*5785.00	98.2 PK			1.09 H	38	93.25	4.95
5	*5785.00	89.5 AV			1.09 H	38	84.55	4.95
6	#5850.00	60.9 PK	78.2	-17.3	1.09 H	38	55.88	5.02
7	#5860.00	59.5 PK	74.0	-14.5	1.09 H	38	54.46	5.04
8	#5860.00	41.9 AV	54.0	-12.1	1.09 H	38	36.86	5.04
9	11570.00	55.9 PK	74.0	-18.1	1.01 H	215	45.22	10.68
10	11570.00	41.1 AV	54.0	-12.9	1.01 H	215	30.42	10.68
11	#17355.00	62.4 PK	74.0	-11.6	1.08 H	186	42.64	19.76
12	#17355.00	49.2 AV	54.0	-4.8	1.08 H	186	29.44	19.76
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	#5715.00	63.8 PK	74.0	-10.2	1.04 V	270	58.90	4.90
2	#5715.00	46.0 AV	54.0	-8.0	1.04 V	270	41.10	4.90
3	#5725.00	64.6 PK	78.2	-13.6	1.04 V	270	59.67	4.93
4	*5785.00	109.7 PK			1.04 V	270	104.75	4.95
5	*5785.00	99.8 AV			1.04 V	270	94.85	4.95
6	#5850.00	62.8 PK	78.2	-15.4	1.04 V	270	57.78	5.02
7	#5860.00	61.0 PK	74.0	-13.0	1.04 V	270	55.96	5.04
8	#5860.00	44.0 AV	54.0	-10.0	1.04 V	270	38.96	5.04
9	11570.00	54.2 PK	74.0	-19.8	1.05 V	241	43.52	10.68
10	11570.00	41.5 AV	54.0	-12.5	1.05 V	241	30.82	10.68
11	#17355.00	62.6 PK	74.0	-11.4	1.06 V	181	42.84	19.76
12	#17355.00	49.7 AV	54.0	-4.3	1.06 V	181	29.94	19.76

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5825.00	94.4 PK			1.13 H	46	89.42	4.98
2	*5825.00	86.3 AV			1.13 H	46	81.32	4.98
3	#5850.00	54.3 PK	78.2	-23.9	1.13 H	46	49.28	5.02
4	#5860.00	65.4 PK	74.0	-8.6	1.13 H	46	60.36	5.04
5	#5860.00	43.5 AV	54.0	-10.5	1.13 H	46	38.46	5.04
6	11650.00	56.8 PK	74.0	-17.2	1.03 H	200	46.21	10.59
7	11650.00	41.6 AV	54.0	-12.4	1.03 H	200	31.01	10.59
8	#17475.00	62.6 PK	74.0	-11.4	1.05 H	201	42.65	19.95
9	#17475.00	49.4 AV	54.0	-4.6	1.05 H	201	29.45	19.95
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	*5825.00	104.6 PK			1.04 V	269	99.62	4.98
2	*5825.00	95.0 AV			1.04 V	269	90.02	4.98
3	#5850.00	69.0 PK	78.2	-9.2	1.04 V	269	63.98	5.02
4	#5860.00	67.8 PK	74.0	-6.2	1.04 V	269	62.76	5.04
5	#5860.00	46.4 AV	54.0	-7.6	1.04 V	269	41.36	5.04
6	11650.00	54.1 PK	74.0	-19.9	1.12 V	321	43.51	10.59
7	11650.00	41.9 AV	54.0	-12.1	1.12 V	321	31.31	10.59
8	#17475.00	63.2 PK	74.0	-10.8	1.01 V	89	43.25	19.95
9	#17475.00	50.5 AV	54.0	-3.5	1.01 V	89	30.55	19.95

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	71.4 PK	74.0	-2.6	1.71 H	299	62.80	8.60
2	5150.00	53.1 AV	54.0	-0.9	1.71 H	299	44.50	8.60
3	*5190.00	104.4 PK			1.71 H	299	95.58	8.82
4	*5190.00	93.8 AV			1.71 H	299	84.98	8.82
5	#10380.00	48.4 PK	74.0	-25.6	1.22 H	30	33.03	15.37
6	#10380.00	36.1 AV	54.0	-17.9	1.22 H	30	20.73	15.37
7	15570.00	54.2 PK	74.0	-19.8	1.01 H	117	31.96	22.24
8	15570.00	41.1 AV	54.0	-12.9	1.01 H	117	18.86	22.24
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	67.4 PK	74.0	-6.6	1.03 V	220	58.80	8.60
2	5150.00	49.2 AV	54.0	-4.8	1.03 V	220	40.60	8.60
3	*5190.00	100.6 PK			1.03 V	220	91.78	8.82
4	*5190.00	90.1 AV			1.03 V	220	81.28	8.82
5	#10380.00	49.1 PK	74.0	-24.9	1.04 V	55	33.73	15.37
6	#10380.00	36.5 AV	54.0	-17.5	1.04 V	55	21.13	15.37
7	15570.00	53.4 PK	74.0	-20.6	1.12 V	163	31.16	22.24
8	15570.00	40.4 AV	54.0	-13.6	1.12 V	163	18.16	22.24

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.4 PK	74.0	-4.6	1.69 H	294	60.80	8.60
2	5150.00	53.2 AV	54.0	-0.8	1.69 H	294	44.60	8.60
3	*5230.00	110.4 PK			1.69 H	294	101.43	8.97
4	*5230.00	99.7 AV			1.69 H	294	90.73	8.97
5	#10460.00	49.0 PK	74.0	-25.0	1.13 H	45	33.36	15.64
6	#10460.00	36.2 AV	54.0	-17.8	1.13 H	45	20.56	15.64
7	15690.00	54.7 PK	74.0	-19.3	1.05 H	112	32.92	21.78
8	15690.00	41.5 AV	54.0	-12.5	1.05 H	112	19.72	21.78
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	65.3 PK	74.0	-8.7	1.02 V	213	56.70	8.60
2	5150.00	48.9 AV	54.0	-5.1	1.02 V	213	40.30	8.60
3	*5230.00	106.5 PK			1.02 V	213	97.53	8.97
4	*5230.00	95.5 AV			1.02 V	213	86.53	8.97
5	#10460.00	49.5 PK	74.0	-24.5	1.06 V	53	33.86	15.64
6	#10460.00	37.3 AV	54.0	-16.7	1.06 V	53	21.66	15.64
7	15690.00	54.5 PK	74.0	-19.5	1.07 V	171	32.72	21.78
8	15690.00	41.9 AV	54.0	-12.1	1.07 V	171	20.12	21.78

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5270.00	110.2 PK			1.70 H	298	101.09	9.11
2	*5270.00	99.4 AV			1.70 H	298	90.29	9.11
3	5350.00	70.8 PK	74.0	-3.2	1.70 H	298	61.49	9.31
4	5350.00	53.4 AV	54.0	-0.6	1.70 H	298	44.09	9.31
5	#10540.00	49.2 PK	74.0	-24.8	1.22 H	47	33.18	16.02
6	#10540.00	36.8 AV	54.0	-17.2	1.22 H	47	20.78	16.02
7	15810.00	54.1 PK	74.0	-19.9	1.02 H	114	32.05	22.05
8	15810.00	41.0 AV	54.0	-13.0	1.02 H	114	18.95	22.05
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5270.00	105.9 PK			1.05 V	208	96.79	9.11
2	*5270.00	95.4 AV			1.05 V	208	86.29	9.11
3	5350.00	66.5 PK	74.0	-7.5	1.05 V	208	57.19	9.31
4	5350.00	49.3 AV	54.0	-4.7	1.05 V	208	39.99	9.31
5	#10540.00	48.7 PK	74.0	-25.3	1.02 V	58	32.68	16.02
6	#10540.00	36.6 AV	54.0	-17.4	1.02 V	58	20.58	16.02
7	15810.00	53.2 PK	74.0	-20.8	1.04 V	141	31.15	22.05
8	15810.00	40.9 AV	54.0	-13.1	1.04 V	141	18.85	22.05

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	103.8 PK			1.72 H	305	94.57	9.23
2	*5310.00	93.6 AV			1.72 H	305	84.37	9.23
3	5350.00	70.7 PK	74.0	-3.3	1.72 H	305	61.39	9.31
4	5350.00	53.6 AV	54.0	-0.4	1.72 H	305	44.29	9.31
5	10620.00	49.7 PK	74.0	-24.3	1.16 H	25	33.52	16.18
6	10620.00	37.0 AV	54.0	-17.0	1.16 H	25	20.82	16.18
7	15930.00	54.3 PK	74.0	-19.7	1.09 H	116	32.25	22.05
8	15930.00	41.2 AV	54.0	-12.8	1.09 H	116	19.15	22.05
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	99.7 PK			1.01 V	214	90.47	9.23
2	*5310.00	89.5 AV			1.01 V	214	80.27	9.23
3	5350.00	66.9 PK	74.0	-7.1	1.01 V	214	57.59	9.31
4	5350.00	49.6 AV	54.0	-4.4	1.01 V	214	40.29	9.31
5	10620.00	49.8 PK	74.0	-24.2	1.03 V	50	33.62	16.18
6	10620.00	37.5 AV	54.0	-16.5	1.03 V	50	21.32	16.18
7	15930.00	54.0 PK	74.0	-20.0	1.13 V	152	31.95	22.05
8	15930.00	41.2 AV	54.0	-12.8	1.13 V	152	19.15	22.05

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	61.9 PK	74.0	-12.1	1.65 H	300	52.25	9.65
2	5460.00	47.1 AV	54.0	-6.9	1.65 H	300	37.45	9.65
3	#5470.00	73.3 PK	74.0	-0.7	1.65 H	300	63.61	9.69
4	#5470.00	52.6 AV	54.0	-1.4	1.65 H	300	42.91	9.69
5	*5510.00	103.7 PK			1.65 H	300	93.86	9.84
6	*5510.00	93.2 AV			1.65 H	300	83.36	9.84
7	11020.00	48.6 PK	74.0	-25.4	1.24 H	38	31.11	17.49
8	11020.00	36.2 AV	54.0	-17.8	1.24 H	38	18.71	17.49
9	#16530.00	54.2 PK	74.0	-19.8	1.02 H	118	29.78	24.42
10	#16530.00	41.1 AV	54.0	-12.9	1.02 H	118	16.68	24.42
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	57.9 PK	74.0	-16.1	1.04 V	209	48.25	9.65
2	5460.00	42.9 AV	54.0	-11.1	1.04 V	209	33.25	9.65
3	#5470.00	69.2 PK	74.0	-4.8	1.04 V	209	59.51	9.69
4	#5470.00	48.3 AV	54.0	-5.7	1.04 V	209	38.61	9.69
5	*5510.00	99.2 PK			1.04 V	209	89.36	9.84
6	*5510.00	88.9 AV			1.04 V	209	79.06	9.84
7	11020.00	49.4 PK	74.0	-24.6	1.03 V	43	31.91	17.49
8	11020.00	37.1 AV	54.0	-16.9	1.03 V	43	19.61	17.49
9	#16530.00	53.8 PK	74.0	-20.2	1.13 V	154	29.38	24.42
10	#16530.00	41.3 AV	54.0	-12.7	1.13 V	154	16.88	24.42

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 118	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	48.2 PK	74.0	-25.8	1.55 H	324	43.59	4.61
2	#5470.00	41.0 AV	54.0	-13.0	1.55 H	324	36.39	4.61
3	*5590.00	99.0 PK			1.55 H	324	94.08	4.92
4	*5590.00	88.1 AV			1.55 H	324	83.18	4.92
5	#5725.00	52.4 PK	74.0	-21.6	1.55 H	324	47.47	4.93
6	#5725.00	39.6 AV	54.0	-14.4	1.55 H	324	34.67	4.93
7	11180.00	58.1 PK	74.0	-15.9	1.12 H	207	47.38	10.72
8	11180.00	42.1 AV	54.0	-11.9	1.12 H	207	31.38	10.72
9	#16770.00	64.5 PK	74.0	-9.5	1.06 H	200	46.46	18.04
10	#16770.00	50.1 AV	54.0	-3.9	1.06 H	200	32.06	18.04
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	#5470.00	60.1 PK	74.0	-13.9	1.00 V	268	55.49	4.61
2	#5470.00	46.1 AV	54.0	-7.9	1.00 V	268	41.49	4.61
3	*5590.00	105.5 PK			1.00 V	268	100.58	4.92
4	*5590.00	95.4 AV			1.00 V	268	90.48	4.92
5	#5725.00	52.7 PK	74.0	-21.3	1.00 V	268	47.77	4.93
6	#5725.00	39.8 AV	54.0	-14.2	1.00 V	268	34.87	4.93
7	11180.00	54.7 PK	74.0	-19.3	1.01 V	221	43.98	10.72
8	11180.00	41.3 AV	54.0	-12.7	1.01 V	221	30.58	10.72
9	#16770.00	62.2 PK	74.0	-11.8	1.11 V	196	44.16	18.04
10	#16770.00	49.6 AV	54.0	-4.4	1.11 V	196	31.56	18.04

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	105.2 PK			1.61 H	294	94.94	10.26
2	*5670.00	94.8 AV			1.61 H	294	84.54	10.26
3	#5725.00	69.2 PK	74.0	-4.8	1.62 H	294	58.82	10.38
4	#5725.00	53.4 AV	54.0	-0.6	1.62 H	294	43.02	10.38
5	11340.00	48.9 PK	74.0	-25.1	1.14 H	34	31.29	17.61
6	11340.00	36.2 AV	54.0	-17.8	1.14 H	34	18.59	17.61
7	#17010.00	54.8 PK	74.0	-19.2	1.02 H	108	29.28	25.52
8	#17010.00	41.5 AV	54.0	-12.5	1.02 H	108	15.98	25.52
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	101.6 PK			1.11 V	210	91.34	10.26
2	*5670.00	91.1 AV			1.11 V	210	80.84	10.26
3	#5725.00	65.3 PK	74.0	-8.7	1.11 V	210	54.92	10.38
4	#5725.00	49.6 AV	54.0	-4.4	1.11 V	210	39.22	10.38
5	11340.00	48.7 PK	74.0	-25.3	1.02 V	37	31.09	17.61
6	11340.00	36.9 AV	54.0	-17.1	1.02 V	37	19.29	17.61
7	#17010.00	55.0 PK	74.0	-19.0	1.07 V	145	29.48	25.52
8	#17010.00	42.0 AV	54.0	-12.0	1.07 V	145	16.48	25.52

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	62.5 PK	74.0	-11.5	1.12 H	45	57.60	4.90
2	#5715.00	46.5 AV	54.0	-7.5	1.12 H	45	41.60	4.90
3	#5725.00	67.7 PK	78.2	-10.5	1.12 H	45	62.77	4.93
4	*5755.00	91.8 PK			1.12 H	45	86.87	4.93
5	*5755.00	82.8 AV			1.12 H	45	77.87	4.93
6	11510.00	57.5 PK	74.0	-16.5	1.08 H	141	46.84	10.66
7	11510.00	41.8 AV	54.0	-12.2	1.08 H	141	31.14	10.66
8	#17265.00	63.7 PK	74.0	-10.3	1.12 H	223	44.18	19.52
9	#17265.00	50.2 AV	54.0	-3.8	1.12 H	223	30.68	19.52
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	#5715.00	67.8 PK	74.0	-6.2	1.05 V	269	62.90	4.90
2	#5715.00	49.7 AV	54.0	-4.3	1.05 V	269	44.80	4.90
3	#5725.00	71.3 PK	78.2	-6.9	1.05 V	269	66.37	4.93
4	*5755.00	100.6 PK			1.05 V	269	95.67	4.93
5	*5755.00	90.6 AV			1.05 V	269	85.67	4.93
6	11510.00	53.0 PK	74.0	-21.0	1.03 V	268	42.34	10.66
7	11510.00	39.6 AV	54.0	-14.4	1.03 V	268	28.94	10.66
8	#17265.00	60.5 PK	74.0	-13.5	1.10 V	187	40.98	19.52
9	#17265.00	47.7 AV	54.0	-6.3	1.10 V	187	28.18	19.52

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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5795.00	90.6 PK			1.16 H	35	85.64	4.96
2	*5795.00	82.3 AV			1.16 H	35	77.34	4.96
3	#5850.00	62.7 PK	78.2	-15.5	1.16 H	35	57.68	5.02
4	#5860.00	56.9 PK	74.0	-17.1	1.16 H	35	51.86	5.04
5	#5860.00	45.0 AV	54.0	-9.0	1.16 H	35	39.96	5.04
6	11590.00	58.1 PK	74.0	-15.9	1.03 H	125	47.41	10.69
7	11590.00	43.0 AV	54.0	-11.0	1.03 H	125	32.31	10.69
8	#17385.00	63.4 PK	74.0	-10.6	1.15 H	218	43.54	19.86
9	#17385.00	50.0 AV	54.0	-4.0	1.15 H	218	30.14	19.86
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	*5795.00	103.3 PK			1.04 V	268	98.34	4.96
2	*5795.00	93.4 AV			1.04 V	268	88.44	4.96
3	#5850.00	64.8 PK	78.2	-13.4	1.04 V	268	59.78	5.02
4	#5860.00	60.4 PK	74.0	-13.6	1.04 V	268	55.36	5.04
5	#5860.00	48.0 AV	54.0	-6.0	1.04 V	268	42.96	5.04
6	11590.00	55.4 PK	74.0	-18.6	1.08 V	284	44.71	10.69
7	11590.00	41.0 AV	54.0	-13.0	1.08 V	284	30.31	10.69
8	#17385.00	62.2 PK	74.0	-11.8	1.04 V	165	42.34	19.86
9	#17385.00	49.3 AV	54.0	-4.7	1.04 V	165	29.44	19.86

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.

4.3 TRANSMIT POWER MEASUREMENT

4.3.1 LIMITS OF TRANSMIT POWER MEASUREMENT

Operation Band	EUT Category		LIMIT
U-NII-1		Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p ≦ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
		Fixed point-to-point Access Point	1 Watt (30 dBm)
		Indoor Access Point	1 Watt (30 dBm)
	√	Mobile and Portable client device	250mW (24 dBm)
U-NII-2A	---		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-2C	---		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-3	---		1 Watt (30 dBm)

Note: Where B is the 26dB emission bandwidth in MHz.

4.3.2 TEST INSTRUMENTS

FOR POWER OUTPUT MEASUREMENT

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Power meter Anritsu	ML2495A	1014008	Apr. 30, 2014	Apr. 29, 2015
Power sensor Anritsu	MA2411B	0917122	Apr. 30, 2014	Apr. 29, 2015

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. Tested date : Oct. 01, 2014

FOR 26dB OCCUPIED BANDWIDTH

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
SPECTRUM ANALYZER R&S	FSP 40	100060	May 08, 2014	May 07, 2015

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. Tested date : Oct. 01, 2014

4.3.3 TEST PROCEDURE

FOR POWER OUTPUT MEASUREMENT

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

FOR 26dB OCCUPIED BANDWIDTH

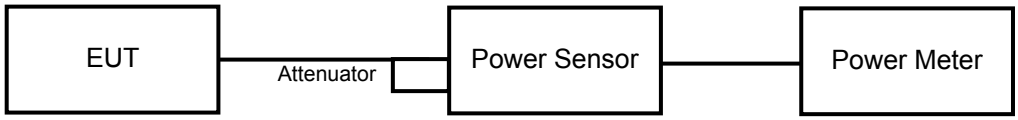
1. Set RBW = approximately 1% of the emission bandwidth.
2. Set the VBW > RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

4.3.4 DEVIATION FROM TEST STANDARD

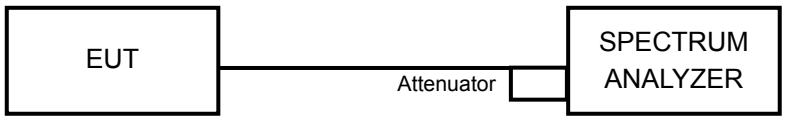
No deviation

4.3.5 TEST SETUP

FOR POWER OUTPUT MEASUREMENT



FOR 26dB OCCUPIED BANDWIDTH



4.3.6 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.

4.3.7 TEST RESULTS

802.11a

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (mW)	AVERAGE POWER (dBm)	POWER LIMIT (dBm)	PASS/FAIL
36	5180	44.875	16.52	24	PASS
40	5200	46.774	16.70	24	PASS
48	5240	44.875	16.52	24	PASS
52	5260	148.594	21.72	24	PASS
60	5300	151.705	21.81	24	PASS
64	5320	54.954	17.40	24	PASS
100	5500	57.943	17.63	24	PASS
120	5600	132.739	21.23	24	PASS
140	5700	41.783	16.21	24	PASS
149	5745	59.02	17.71	30	PASS
157	5785	88.105	19.45	30	PASS
165	5825	72.611	18.61	30	PASS

26dB OCCUPIED BANDWIDTH:

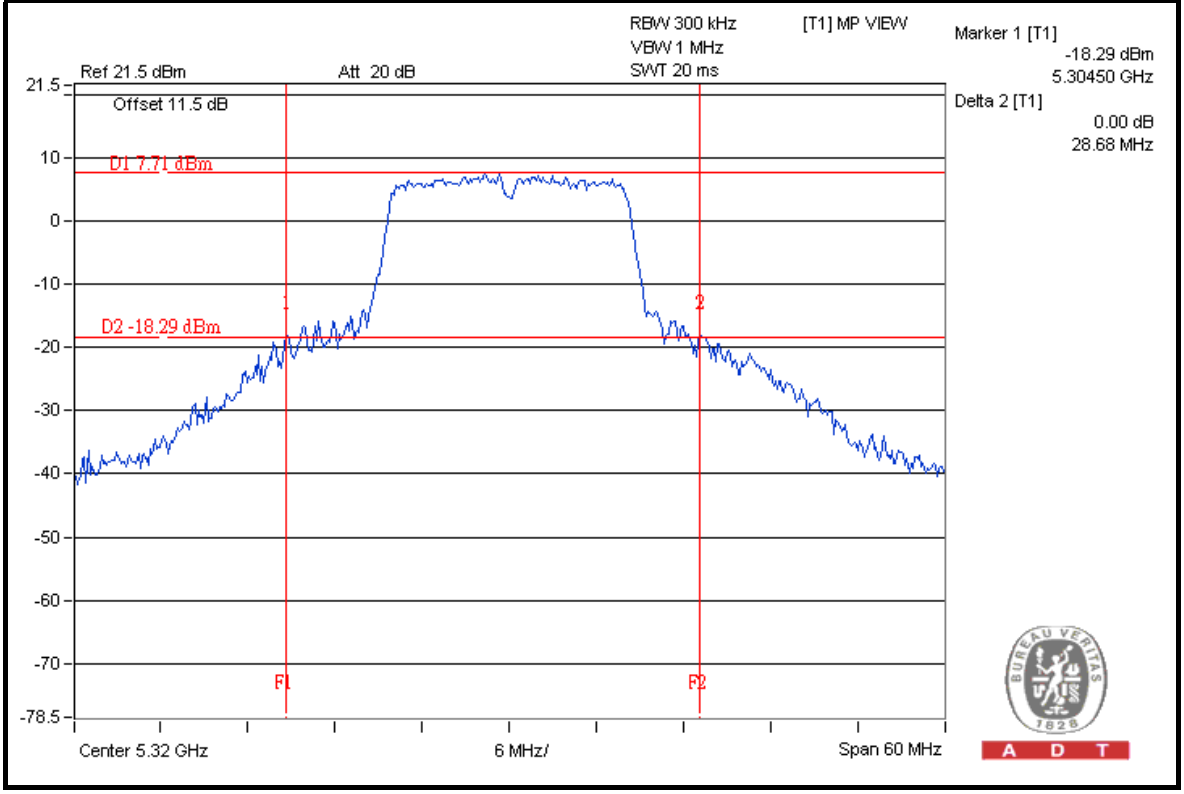
CHANNEL	CHANNEL FREQUENCY (MHz)	26dBc BANDWIDTH (MHz)
36	5180	25.52
40	5200	24.75
48	5240	25.95
52	5260	40.42
60	5300	42.01
64	5320	28.68
100	5500	32.05
120	5600	43.50
140	5700	28.82

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	40.42	27.06 > 24
60	5300	42.01	27.23 > 24
64	5320	28.68	25.57 > 24
100	5500	32.05	26.05 > 24
120	5600	43.50	27.38 > 24
140	5700	28.82	25.59 > 24

SPECTRUM PLOT OF WORST VALUE

802.11a: CH64



802.11n (HT20)

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (mW)	AVERAGE POWER (dBm)	POWER LIMIT (dBm)	PASS/FAIL
36	5180	47.315	16.75	24	PASS
40	5200	46.345	16.66	24	PASS
48	5240	46.132	16.64	24	PASS
52	5260	136.144	21.34	24	PASS
60	5300	139.637	21.45	24	PASS
64	5320	61.094	17.86	24	PASS
100	5500	57.016	17.56	24	PASS
120	5600	112.72	20.52	24	PASS
140	5700	32.961	15.18	24	PASS
149	5745	38.637	15.87	30	PASS
157	5785	90.991	19.59	30	PASS
165	5825	69.024	18.39	30	PASS

26dB OCCUPIED BANDWIDTH:

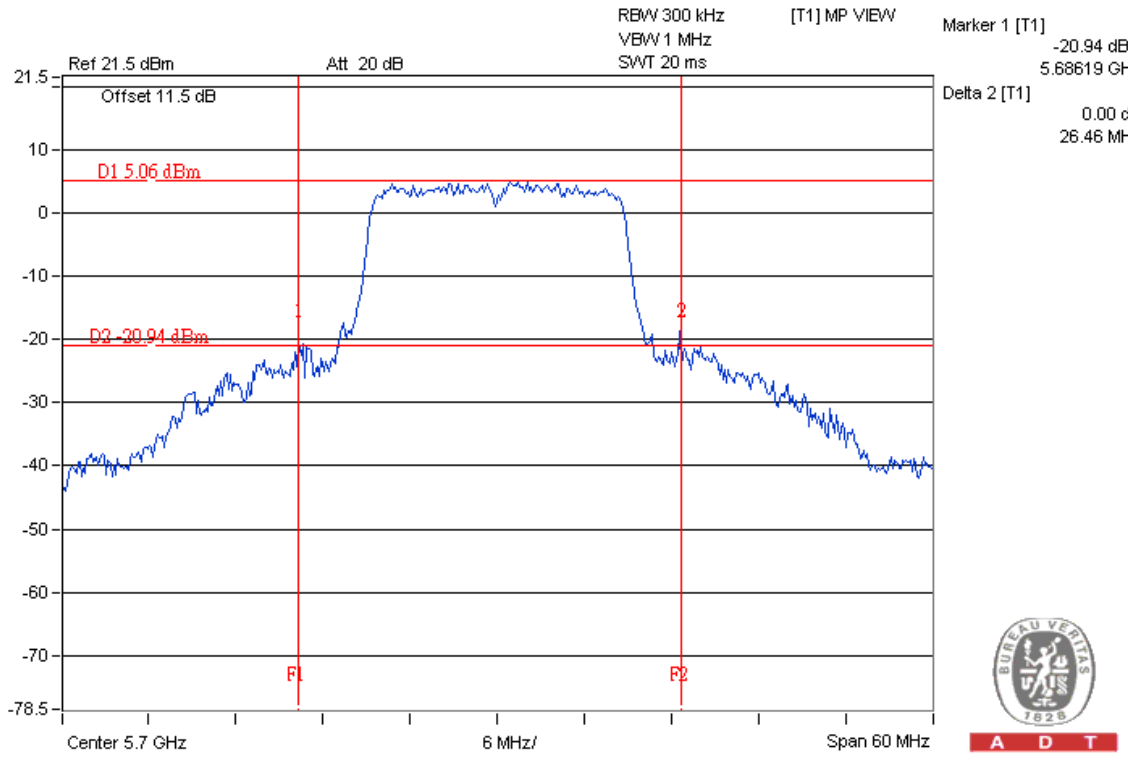
CHANNEL	CHANNEL FREQUENCY (MHz)	26dBc BANDWIDTH (MHz)
36	5180	30.66
40	5200	29.59
48	5240	29.62
52	5260	44.50
60	5300	44.04
64	5320	30.32
100	5500	29.84
120	5600	44.46
140	5700	26.46

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	44.50	27.48 > 24
60	5300	44.04	27.43 > 24
64	5320	30.32	25.81 > 24
100	5500	29.84	25.74 > 24
120	5600	44.46	27.47 > 24
140	5700	26.46	25.22 > 24

SPECTRUM PLOT OF WORST VALUE

802.11n (HT20): CH140



802.11n (HT40)

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (mW)	AVERAGE POWER (dBm)	POWER LIMIT (dBm)	PASS/FAIL
38	5190	28.314	14.52	24	PASS
46	5230	48.529	16.86	24	PASS
54	5270	89.95	19.54	24	PASS
62	5310	31.046	14.92	24	PASS
102	5510	31.769	15.02	24	PASS
118	5590	110.408	20.43	24	PASS
134	5670	48.753	16.88	24	PASS
151	5755	38.107	15.81	30	PASS
159	5795	77.268	18.88	30	PASS

26dB OCCUPIED BANDWIDTH:

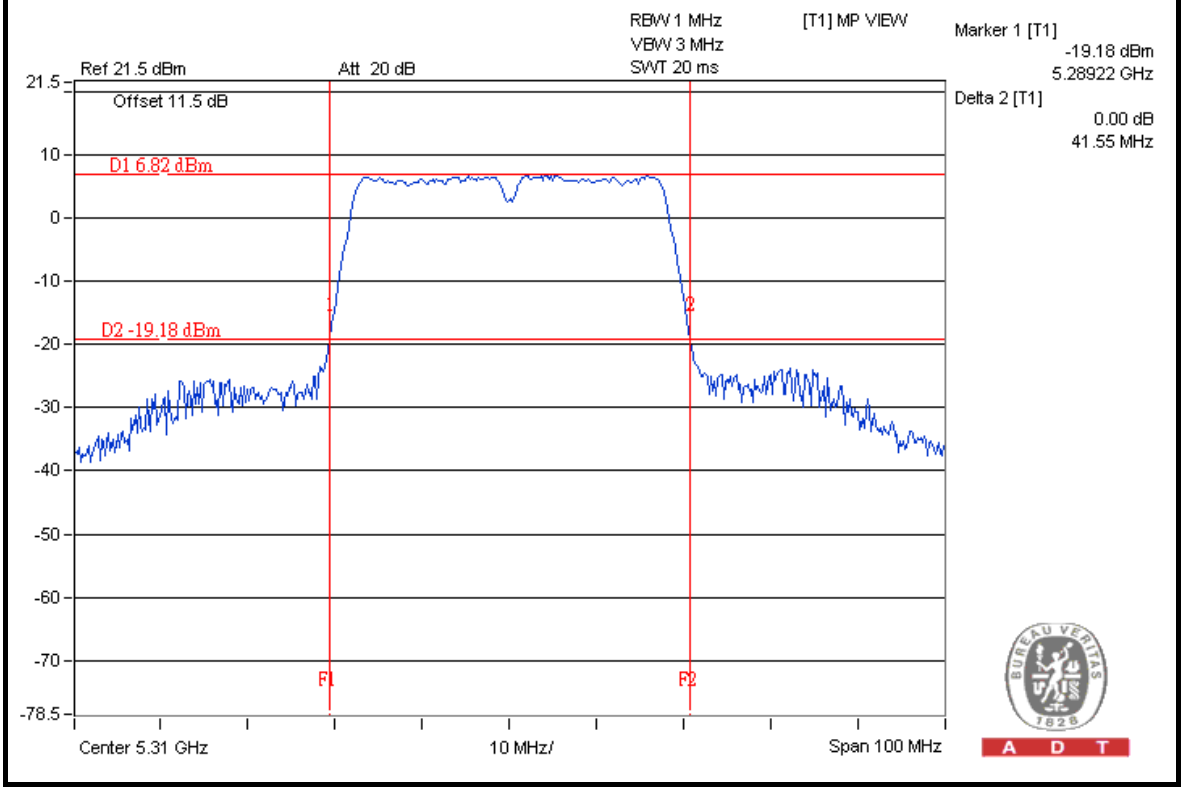
CHANNEL	CHANNEL FREQUENCY (MHz)	26dBc BANDWIDTH (MHz)
38	5190	41.40
46	5230	46.82
54	5270	76.77
62	5310	41.55
102	5510	41.78
118	5590	92.86
134	5670	69.24

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	76.77	29.85 > 24
62	5310	41.55	27.18 > 24
102	5510	41.78	27.2 > 24
118	5590	92.86	30.67 > 24
134	5670	69.24	29.4 > 24

SPECTRUM PLOT OF WORST VALUE

802.11n (HT40): CH62



4.4 PEAK POWER SPECTRAL DENSITY MEASUREMENT

4.4.1 LIMITS OF PEAK POWER SPECTRAL DENSITY MEASUREMENT

Operation Band	EUT Category		LIMIT
U-NII-1		Outdoor Access Point	17dBm/ MHz
		Fixed point-to-point Access Point	
		Indoor Access Point	
	√	Mobile and Portable client device	11dBm/ MHz
U-NII-2A	---		11dBm/ MHz
U-NII-2C	---		11dBm/ MHz
U-NII-3	---		30dBm/ 500kHz

4.4.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
SPECTRUM ANALYZER R&S	FSP 40	100060	May 08, 2014	May 07, 2015

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. Tested date : Oct. 01, 2014

4.4.3 TEST PROCEDURES

※For U-NII-1, U-NII-2A & U-NII-2C:

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 1 MHz, Set VBW ≥ 3 MHz, Detector = RMS
3. Sweep time = auto, trigger set to “free run”.
4. Trace average at least 100 traces in power averaging mode.
5. Record the max value and for duty cycle of test signal is < 98% add 10 log (1/duty cycle)

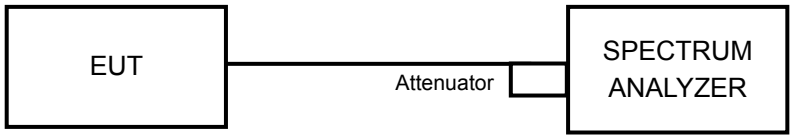
※For U-NII-3:

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 300 kHz, Set VBW ≥ 1 MHz, Detector = RMS
3. Use the peak marker function to determine the maximum power level in any 300 kHz band segment within the fundamental EBW.
4. Scale the observed power level to an equivalent value in 500 kHz by adjusting (reducing) the measured power by a bandwidth correction factor (BWCF) where BWCF = 10log(500 kHz/300kHz)
5. Sweep time = auto, trigger set to “free run”.
6. Trace average at least 100 traces in power averaging mode.
7. Record the max value and for duty cycle of test signal is < 98% add 10 log (1/duty cycle)

4.4.4 DEVIATION FROM TEST STANDARD

No deviation

4.4.5 TEST SETUP



4.4.6 EUT OPERATING CONDITIONS

Same as 4.3.6

4.4.7 TEST RESULTS

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

802.11a

CHANNEL	CHANNEL FREQUENCY (MHz)	PSD (dBm)	MAXIMUM LIMIT (dBm)	PASS/FAIL
36	5180	1.98	11	PASS
40	5200	1.88	11	PASS
48	5240	1.52	11	PASS
52	5260	6.43	11	PASS
60	5300	6.73	11	PASS
64	5320	2.61	11	PASS
100	5500	3.65	11	PASS
120	5600	6.11	11	PASS
140	5700	0.80	11	PASS

802.11n (HT20)

CHANNEL	CHANNEL FREQUENCY (MHz)	PSD W/O DUTY FACTOR (dBm)	DUTY FACTOR (dB)	TOTAL PSD WITH DUTY FACTOR (dBm)	MAXIMUM LIMIT (dBm)	PASS / FAIL
36	5180	2.12	0.09	2.21	11	PASS
40	5200	2.28	0.09	2.37	11	PASS
48	5240	2.06	0.09	2.15	11	PASS
52	5260	5.84	0.09	5.93	11	PASS
60	5300	5.85	0.09	5.94	11	PASS
64	5320	2.65	0.09	2.74	11	PASS
100	5500	3.08	0.09	3.17	11	PASS
120	5600	5.30	0.09	5.39	11	PASS
140	5700	0.06	0.09	0.15	11	PASS

NOTE: 1. Refer to section 3.4 for duty cycle spectrum plot.

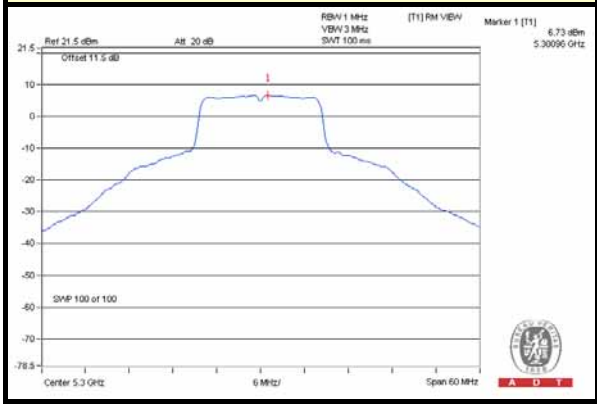
802.11n (HT40)

CHANNEL	CHANNEL FREQUENCY (MHz)	PSD W/O DUTY FACTOR (dBm)	DUTY FACTOR (dB)	TOTAL PSD WITH DUTY FACTOR (dBm)	MAXIMUM LIMIT (dBm)	PASS / FAIL
38	5190	-3.30	0.18	-3.12	11	PASS
46	5230	-1.77	0.18	-1.59	11	PASS
54	5270	0.47	0.18	0.65	11	PASS
62	5310	-3.76	0.18	-3.58	11	PASS
102	5510	-2.63	0.18	-2.45	11	PASS
118	5590	2.35	0.18	2.53	11	PASS
134	5670	-2.68	0.18	-2.50	11	PASS

NOTE: 1. Refer to section 3.4 for duty cycle spectrum plot.

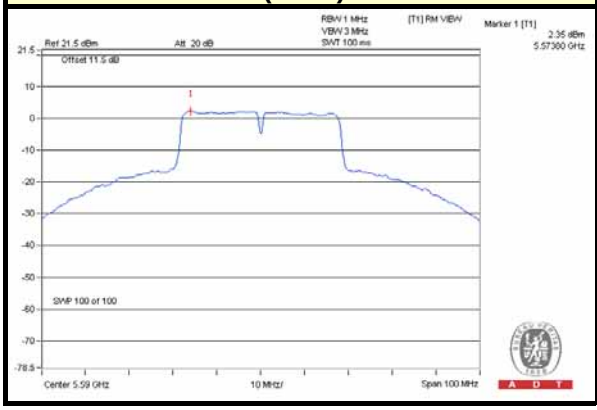
SPECTRUM PLOT OF WORST VALUE

802.11a: CH60



802.11n (HT20): CH60

802.11n (HT40): CH118



For U-NII-3:

802.11a

CHANNEL	FREQUENCY (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	PASS /FAIL
149	5745	-4.09	-1.87	30	PASS
157	5785	-3.38	-1.16	30	PASS
165	5825	-4.26	-2.04	30	PASS

802.11n (HT20)

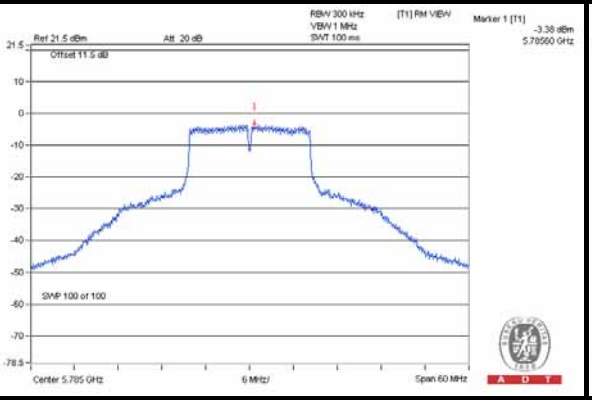
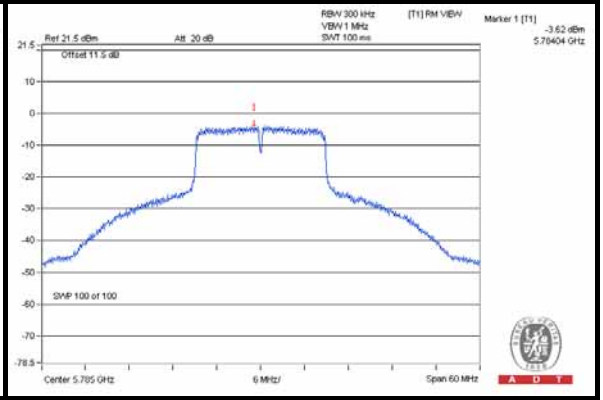
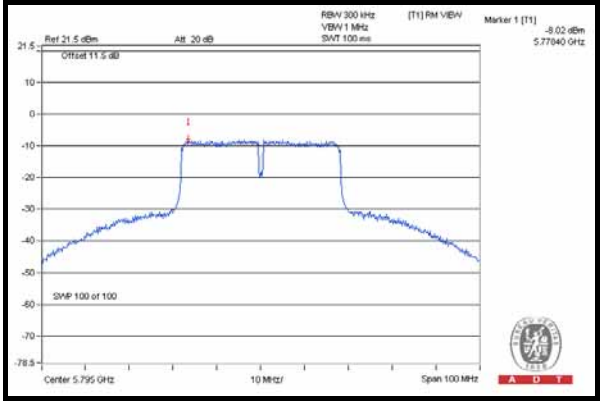
CHANNEL	FREQUENCY (MHz)	PSD W/O DUTY FACTOR		DUTY FACTOR (dB)	TOTAL PSD WITH DUTY FACTOR (dBm/500kHz)	LIMIT (dBm/500kHz)	PASS /FAIL
		(dBm/300kHz)	(dBm/500kHz)				
149	5745	-6.93	-4.71	0.09	-4.62	30	PASS
157	5785	-3.62	-1.40	0.09	-1.31	30	PASS
165	5825	-3.83	-1.61	0.09	-1.52	30	PASS

NOTE: 1. Refer to section 3.4 for duty cycle spectrum plot.

802.11n (HT40)

CHANNEL	FREQUENCY (MHz)	PSD W/O DUTY FACTOR		DUTY FACTOR (dB)	TOTAL PSD WITH DUTY FACTOR (dBm/500kHz)	LIMIT (dBm/500kHz)	PASS /FAIL
		(dBm/300kHz)	(dBm/500kHz)				
151	5755	-11.15	-8.93	0.18	-8.75	30	PASS
159	5795	-8.02	-5.80	0.18	-5.62	30	PASS

NOTE: 1. Refer to section 3.4 for duty cycle spectrum plot.

SPECTRUM PLOT OF WORST VALUE	
802.11a: CH157	**802.11n (HT20): CH157**
	
802.11n (HT40): CH159	
	

4.5 FREQUENCY STABILITY

4.5.1 LIMITS OF FREQUENCY STABILITY MEASUREMENT

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

4.5.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
SPECTRUM ANALYZER R&S	FSP 40	100060	May 08, 2014	May 07, 2015
Temperature & Humidity Chamber GIANTFORCE	GTH-150-40-SP-AR	MAA0812-008	Jan. 13, 2014	Jan. 12, 2015

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. Tested date : Oct. 01, 2014

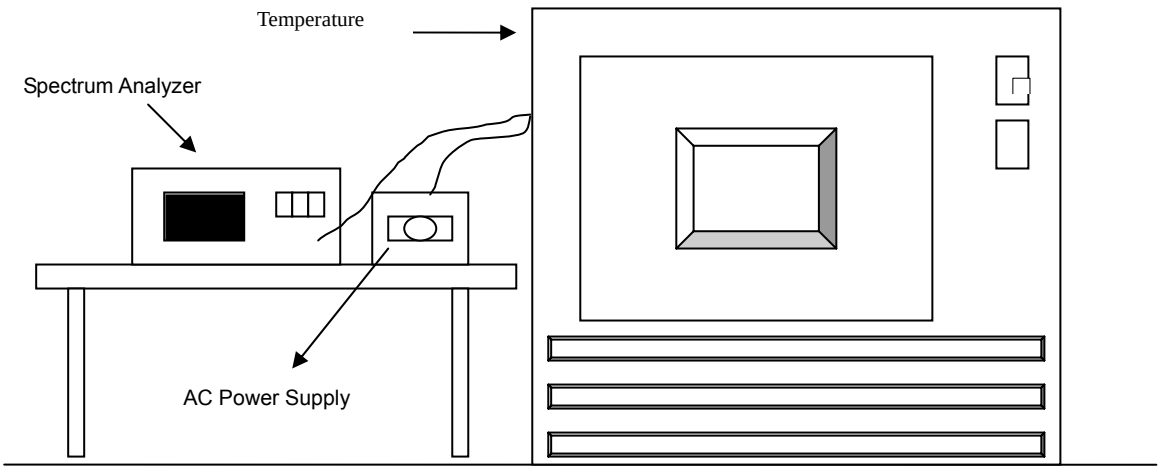
4.5.3 TEST PROCEDURE

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

4.5.4 DEVIATION FROM TEST STANDARD

No deviation

4.5.5 TEST SETUP



4.5.6 EUT OPERATING CONDITION

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

4.5.7 TEST RESULTS

FREQUEMCY STABILITY VERSUS TEMP.									
OPERATING FREQUENCY: 5320MHz									
TEMP. (℃)	POWER SUPPLY (Vac)	0 MINUTE		2 MINUTE		5 MINUTE		10 MINUTE	
		Measured Frequency	Frequency Drift	Measured Frequency	Frequency Drift	Measured Frequency	Frequency Drift	Measured Frequency	Frequency Drift
		(MHz)	%	(MHz)	%	(MHz)	%	(MHz)	%
50	120	5319.9933	-0.00013	5319.9941	-0.00011	5319.9951	-0.00009	5319.9907	-0.00017
40	120	5319.9884	-0.00022	5319.9917	-0.00016	5319.9917	-0.00016	5319.9882	-0.00022
30	120	5319.985	-0.00028	5319.9871	-0.00024	5319.9891	-0.00020	5319.9853	-0.00028
20	120	5320.0034	0.00006	5319.9997	-0.00001	5320.0029	0.00005	5320.0034	0.00006
10	120	5320.0019	0.00004	5320.0038	0.00007	5320.0047	0.00009	5320.0022	0.00004
0	120	5320.0127	0.00024	5320.0122	0.00023	5320.0099	0.00019	5320.0123	0.00023
-10	120	5319.9859	-0.00027	5319.9831	-0.00032	5319.9861	-0.00026	5319.9834	-0.00031
-20	120	5320.0149	0.00028	5320.0153	0.00029	5320.0152	0.00029	5320.0149	0.00028
-30	120	5320.0025	0.00005	5320.0032	0.00006	5320.0074	0.00014	5320.0061	0.00011

FREQUEMCY STABILITY VERSUS VOLTAGE									
OPERATING FREQUENCY: 5320MHz									
TEMP. (℃)	POWER SUPPLY (Vac)	0 MINUTE		2 MINUTE		5 MINUTE		10 MINUTE	
		Measured Frequency	Frequency Drift	Measured Frequency	Frequency Drift	Measured Frequency	Frequency Drift	Measured Frequency	Frequency Drift
		(MHz)	%	(MHz)	%	(MHz)	%	(MHz)	%
20	138	5320.0043	0.00008	5319.9995	-0.00001	5320.0027	0.00005	5320.0028	0.00005
	120	5320.0034	0.00006	5319.9997	-0.00001	5320.0029	0.00005	5320.0034	0.00006
	102	5320.0043	0.00008	5319.999	-0.00002	5320.0025	0.00005	5320.0028	0.00005

4.6 6dB BANDWIDTH MEASUREMENT

4.6.1 LIMITS OF 6dB BANDWIDTH MEASUREMENT

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

4.6.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
SPECTRUM ANALYZER R&S	FSP 40	100060	May 08, 2014	May 07, 2015

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. Tested date : Oct. 01, 2014

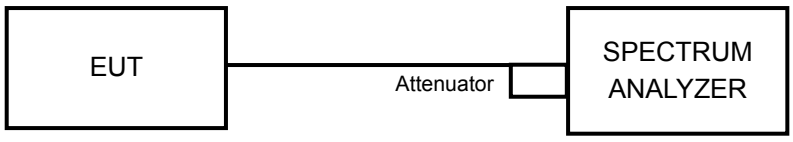
4.6.3 TEST PROCEDURE

1. Set resolution bandwidth (RBW) = 100kHz.
2. Set the video bandwidth (VBW) ≥ 3 x RBW, Detector = Peak.
3. Trace mode = max hold.
4. Sweep = auto couple.
5. Measure the maximum width of the emission that is constrained by the frequencies associated with the two amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission

4.6.4 DEVIATION FROM TEST STANDARD

No deviation

4.6.5 TEST SETUP



4.6.6 EUT OPERATING CONDITIONS

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

4.6.7 TEST RESULTS

802.11a

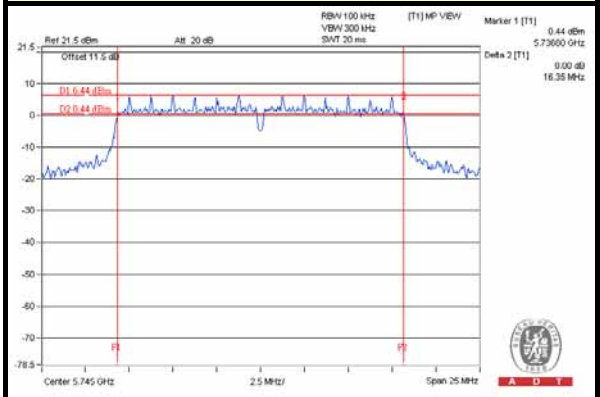
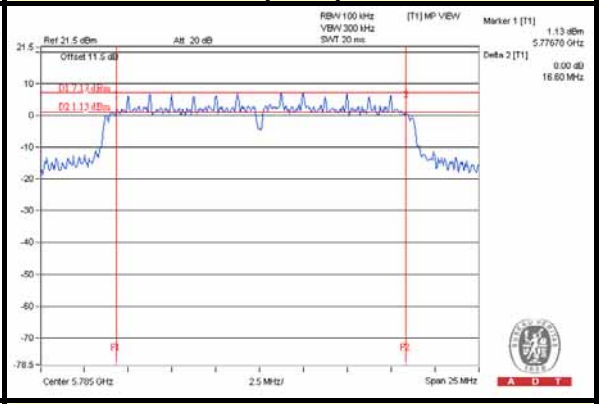
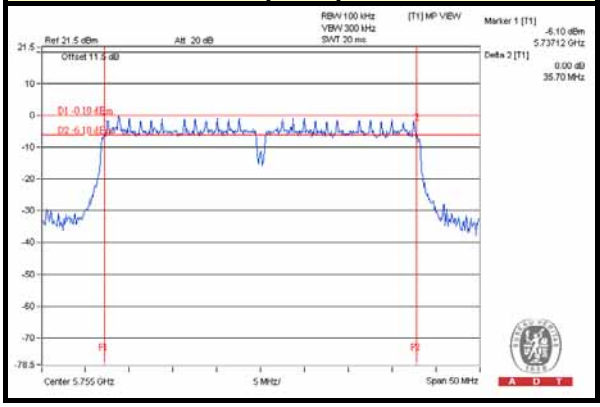
CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
149	5745	16.35	0.5	PASS
157	5785	16.35	0.5	PASS
165	5825	16.37	0.5	PASS

802.11n (HT20)

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
149	5745	16.84	0.5	PASS
157	5785	16.60	0.5	PASS
165	5825	16.62	0.5	PASS

802.11n (HT40)

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
151	5755	35.70	0.5	PASS
159	5795	35.74	0.5	PASS

SPECTRUM PLOT OF WORST VALUE	
802.11a: CH149	**802.11n (HT20): CH157**
	
802.11n (HT40): CH151	
	

5. PHOTOGRAPHS OF THE TEST CONFIGURATION

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

6. INFORMATION ON THE TESTING LABORATORIES

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

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

Linko EMC/RF Lab:
Tel: 886-2-26052180
Fax: 886-2-26052943

Hsin Chu EMC/RF/Telecom Lab:
Tel: 886-3-5935343
Fax: 886-3-5935342

Hwa Ya EMC/RF/Safety Lab:
Tel: 886-3-3183232
Fax: 886-3-3270892

Email: service.adt@tw.bureauveritas.com
Web Site: www.bureauveritas-adt.com

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

7. APPENDIX A - MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No modifications were made to the EUT by the lab during the test.

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