FCC Test Report (WLAN)

Report No.:	RF150730E02-1
FCC ID:	R68PW2050
Test Model:	PW 2050
Received Date:	July 30, 2015
Test Date:	Aug. 12 to Oct. 12, 2015
Issued Date:	Nov. 04, 2015
Applicant:	Lantronix Inc
Address:	7535 Irvine Center Drive Suite 100, Irvine CA 92618
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.
Test Location (3):	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan R.O.C.

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Release Control Record

Issue No.	Description	Date Issued
RF150730E02-1	Original release.	Nov. 04, 2015

1 Certificate of Conformity

Product:	PremierWave 2050
Brand:	Lantronix
Test Model:	PW 2050
Sample Status:	ENGINEERING SAMPLE
Applicant:	Lantronix Inc
Test Date:	Aug. 12 to Oct. 12, 2015
Standard:	47 CFR FCC Part 15, Subpart E (Section 15.407) ANSI C63.10: 2013

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

Prepared by : _____ , **Date:** Nov. 04, 2015

Midoli Peng / Specialist

Approved by : _____ , **Date:** Nov. 04, 2015

May Chen / Manager

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (SECTION 15.407)			
FCC Clause	Test Item	Result	Remarks
15.407(b)(6)	AC Power Conducted Emissions	PASS	Meet the requirement of limit. Minimum passing margin is -19.26dB at 0.37656MHz.
15.407(b) (1/2/3/4/6)	Radiated Emissions & Band Edge Measurement	PASS	Meet the requirement of limit. Minimum passing margin is -3.3dB at 752.11MHz.
15.407(a)(1/2/3)	Max Average Transmit Power	PASS	Meet the requirement of limit.
15.407(a)(1/2/3)	Peak Power Spectral Density	PASS	Meet the requirement of limit.
15.407(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 RSMA or i-pex(MHF) not a standard connector.

NOTE: 1. For WLAN: The EUT was operating in 2400 ~ 2483.5MHz, 5.15~5.35 GHz, 5.47~5.725GHz and 5.725~5.85GHz frequencies band. This report was recorded the RF parameters including 5.15~5.35GHz, 5.47~5.725GHz and 5.725~5.85GHz. For the 2400 ~ 2483.5MHz RF parameters 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:

Measurement	Frequency	Expended Uncertainty (k=2) (±)
Conducted Emissions at mains ports	150kHz ~ 30MHz	2.86 dB
Radiated Emissions up to 1 GHz	30MHz ~ 1000MHz	5.37 dB
Radiated Emissions above 1 GHz	1GHz ~ 6GHz	3.72 dB
	6GHz ~ 18GHz	4.00 dB
	18GHz ~ 40GHz	4.11 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT (WLAN)

Product	PremierWave 2050
Brand	Lantronix
Test Model	PW 2050
Status of EUT	ENGINEERING SAMPLE
Power Supply Rating	5Vdc from host equipment
Modulation Type	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode
Modulation Technology	DSSS,OFDM
Transfer Rate	802.11b: up to 11Mbps 802.11a/g: up to 54Mbps 802.11n : up to 150Mbps 802.11ac: up to 433.3Mbps
Operating Frequency	For 15.407 5.18 ~ 5.24GHz, 5.26 ~ 5.32GHz, 5.50 ~ 5.72GHz, 5.745 ~ 5.825GHz
	For 15.247 2.412 ~ 2.462GHz
Number of Channel	For 15.407 25 for 802.11a, 802.11n (HT20), 802.11ac (VHT20) 12 for 802.11n (HT40), 802.11ac (VHT40) 6 for 802.11ac (VHT80)
	For 15.247 11 for 802.11b/g, 802.11n (HT20) 7 for 802.11n (HT40)
Output Power	**For 15.407** 802.11a: 30.269mW 802.11ac (VHT20): 24.831mW 802.11ac (VHT40): 15.101mW 802.11ac (VHT80): 14.158mW
	For 15.247 802.11b: 48.753mW 802.11g: 143.549mW 802.11n(HT20): 112.72mW 802.11n(HT40): 103.276mW
Antenna Type	Refer to Note
Antenna Connector	Refer to Note
Accessory Device	NA
Data Cable Supplied	NA

Note:

1. The EUT was included two variants, which are identical to each other in all aspects except for the following table:

Module Version	Product	Brand	Model	Different	Antenna
SKU #A	PremierWave 2050	Lantronix	PW 2050	SIP with one ethertronics chip ant and one UFL connector	ethertronics chip ant + ethertronics printed ant / ethertronics chip ant + Taoglas ant
SKU #B				SIP with two UFL connectors	Taoglas ant+Taoglas ant/ ethertronic printed ant+ethertronic printed ant

2. The antenna configurations as following table:

Module Version	Primary TX/RX antenna	RX diversity antenna
SKU #A	Chip Antenna Lantronix 220-613-R Ethertronics M830510	U.FL to PCB Strip Antenna Lantronix 930-099-R Ethertronics 1000602
SKU #A	Chip Antenna Lantronix 220-613-R Ethertronics M830510	U.FL to Taoglas GW.71.5153
SKU #B	U.FL to PCB Strip Antenna Lantronix 930-099-R Ethertronics 1000602	U.FL to PCB Strip Antenna Lantronix 930-099-R Ethertronics 1000602
SKU #B	U.FL to Taoglas GW.71.5153	U.FL to Taoglas GW.71.5153

3. The EUT incorporates a SIMO function.

2.4GHz Band			
MODULATION MODE	**DATA RATE (MCS)**	**TX & RX CONFIGURATION**	
802.11b	1 ~ 11Mbps	1TX (Fixed Chan 0)	2RX
802.11g	6 ~ 54Mbps	1TX (Fixed Chan 0)	2RX
802.11n (HT20)	MCS 0~7	1TX (Fixed Chan 0)	2RX
802.11n (HT40)	MCS 0~7	1TX (Fixed Chan 0)	2RX
5GHz Band			
MODULATION MODE	**DATA RATE (MCS)**	**TX & RX CONFIGURATION**	
802.11a	6 ~ 54Mbps	1TX (Fixed Chan 0)	2RX
802.11n (HT20)	MCS 0~7	1TX (Fixed Chan 0)	2RX
802.11n (HT40)	MCS 0~7	1TX (Fixed Chan 0)	2RX
802.11ac (VHT20)	MCS0~8 Nss= 1	1TX (Fixed Chan 0)	2RX
802.11ac (VHT40)	MCS0~9 Nss= 1	1TX (Fixed Chan 0)	2RX
802.11ac (VHT80)	MCS0~9 Nss= 1	1TX (Fixed Chan 0)	2RX
Note: The modulation and bandwidth are similar for 802.11n mode for 20MHz / 40MHz and 802.11ac mode for 20MHz / 40MHz, therefore investigated worst case to representative mode in test report. (Final test mode refer section 3.2.1)			

4. WLAN and BT technology can't transmit at same time.

5. The antennas spec provided to the EUT, please refer to the following table:

Brand	Model	Antenna Gain (dBi) (Excelude cable loss)	Cable Loss (dB)	Net Gain (dBi)	Cable Length (mm)	Frequency range (GHz to GHz)	Antenna Type	Connecter Type
taoglas	GW.71.5153	3.8	1	2.8	45	2.4~2.483	Dipole	R-SMA
		5.5	1.7	3.8		5.15~5.85		
Brand	Model	Antenna Gain (dBi)				Frequency range (GHz to GHz)	Antenna Type	Connecter Type
ethertronics	M830510	1.1				2.4~2.483	Chip	NA
		3.2				5.15~5.85		
Brand	Model	Antenna Gain (dBi)				Frequency range (GHz to GHz)	Antenna Type	Connecter Type
ethertronics	1000602	2.5				2.4~2.483	PCB	i-pex(MHF)
		5				5.15~5.85		

3.2 Description of Test Modes

FOR 5180 ~ 5240MHz

4 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

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

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency
42	5210MHz

FOR 5260 ~ 5320MHz

4 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

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

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
54	5270 MHz	62	5310 MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency
58	5290MHz

FOR 5500 ~ 5700MHz

12 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

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

6 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

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

3 channels are provided for 802.11ac (VHT80):

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

FOR 5745 ~ 5825MHz:

5 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

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

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
151	5755MHz	159	5795MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency
155	5775MHz

3.2.1 Test Mode Applicability and Tested Channel Detail

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

Where **RE≥1G:** Radiated Emission above 1GHz **RE<1G:** Radiated Emission below 1GHz
PLC: Power Line Conducted Emission **APCM:** Antenna Port Conducted Measurement

NOTE 1: "-"means no effect.

NOTE 2: Antenna placement had been invesitagated on the positioned of each 3 axis.
Following worst case were found as listed below.

Antenna	Worst position
Chip	X Plane
PCB	X-plane

Radiated Emission Test (Above 1GHz):

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ Following channel(s) was (were) selected for the final test as listed below.

MODE	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	DATA RATE (Mbps)
802.11a	5180-5240	36 to 48	36, 40, 48	OFDM	6
802.11ac (VHT20)		36 to 48	36, 40, 48	OFDM	6.5
802.11ac (VHT40)		38 to 46	38, 46	OFDM	13.5
802.11ac (VHT80)		42	42	OFDM	29.3
802.11a	5260-5320	52 to 64	52, 60, 64	OFDM	6
802.11ac (VHT20)		52 to 64	52, 60, 64	OFDM	6.5
802.11ac (VHT40)		54 to 62	54, 62	OFDM	13.5
802.11ac (VHT80)		58	58	OFDM	29.3
802.11a	5500-5720	100 to 144	100, 120, 140, 144	OFDM	6
802.11ac (VHT20)		100 to 144	100, 120, 140, 144	OFDM	6.5
802.11ac (VHT40)		102 to 142	102, 118, 134, 142	OFDM	13.5
802.11ac (VHT80)		106 to 138	106, 122, 138	OFDM	29.3
802.11a	5745-5825	149 to 165	149, 157, 165	OFDM	6
802.11ac (VHT20)		149 to 165	149, 157, 165	OFDM	6.5
802.11ac (VHT40)		151 to 159	151, 159	OFDM	13.5
802.11ac (VHT80)		155	155	OFDM	29.3

Radiated Emission Test (Below 1GHz):

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

MODE	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	DATA RATE (Mbps)
802.11a	5180-5320, 5500-5720, 5745-5825	36 to 64, 100 to 144, 149 to 165	100	OFDM	6

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	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	DATA RATE (Mbps)
802.11a	5180-5320, 5500-5720, 5745-5825	36 to 64, 100 to 144, 149 to 165	100	OFDM	6

Antenna Port Conducted Measurement:

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

MODE	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	DATA RATE (Mbps)
802.11a	5180-5240	36 to 48	36, 40, 48	OFDM	6
802.11ac (VHT20)		36 to 48	36, 40, 48	OFDM	6.5
802.11ac (VHT40)		38 to 46	38, 46	OFDM	13.5
802.11ac (VHT80)		42	42	OFDM	29.3
802.11a	5260-5320	52 to 64	52, 60, 64	OFDM	6
802.11ac (VHT20)		52 to 64	52, 60, 64	OFDM	6.5
802.11ac (VHT40)		54 to 62	54, 62	OFDM	13.5
802.11ac (VHT80)		58	58	OFDM	29.3
802.11a	5500-5720	100 to 144	100, 120, 140, 144	OFDM	6
802.11ac (VHT20)		100 to 144	100, 120, 140, 144	OFDM	6.5
802.11ac (VHT40)		102 to 142	102, 118, 134, 142	OFDM	13.5
802.11ac (VHT80)		106 to 138	106, 122, 138	OFDM	29.3
802.11a	5745-5825	149 to 165	149, 157, 165	OFDM	6
802.11ac (VHT20)		149 to 165	149, 157, 165	OFDM	6.5
802.11ac (VHT40)		151 to 159	151, 159	OFDM	13.5
802.11ac (VHT80)		155	155	OFDM	29.3

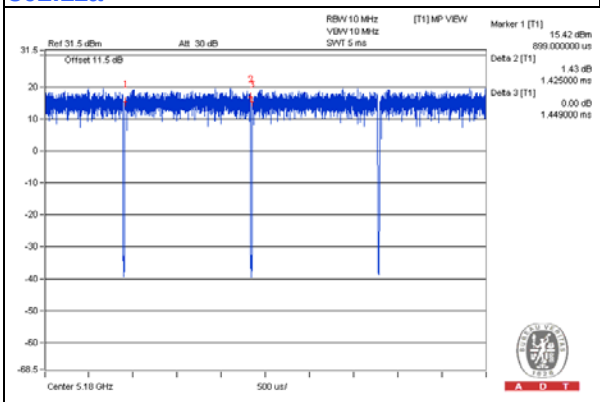
Test Condition:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	INPUT POWER (SYSTEM)	TESTED BY
RE≥1G	25deg. C, 67%RH	120Vac, 60Hz	Robert Cheng
RE<1G	25deg. C, 69%RH	120Vac, 60Hz	Robert Cheng
PLC	25deg. C, 60%RH	120Vac, 60Hz	Jyunchun Lin
APCM	25deg. C, 60%RH	120Vac, 60Hz	Anderson Chen

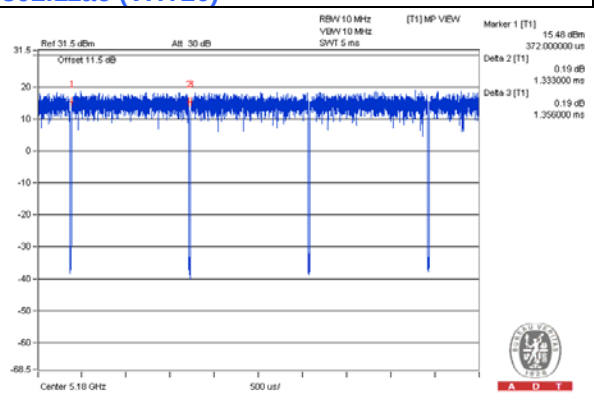
3.3 Duty Cycle of Test Signal

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 = 1.425 ms/1.449 ms = 0.983
802.11ac (VHT20): Duty cycle = 1.333 ms/1.356 ms = 0.983
802.11ac (VHT40): Duty cycle = 0.663 ms/0.676 ms = 0.981
802.11ac (VHT80): Duty cycle = 0.332 ms/0.354 ms = 0.938, Duty factor = 10 * log(1/0.938) = 0.28

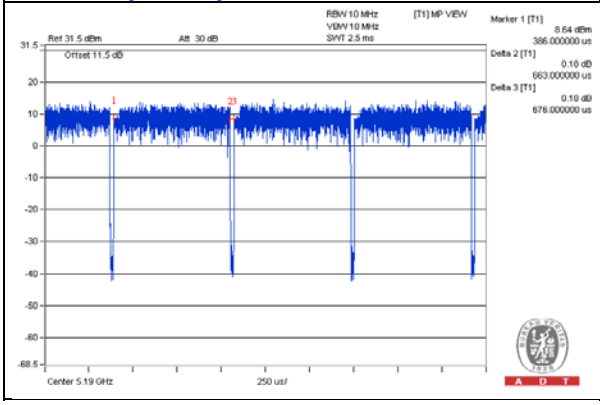
802.11a



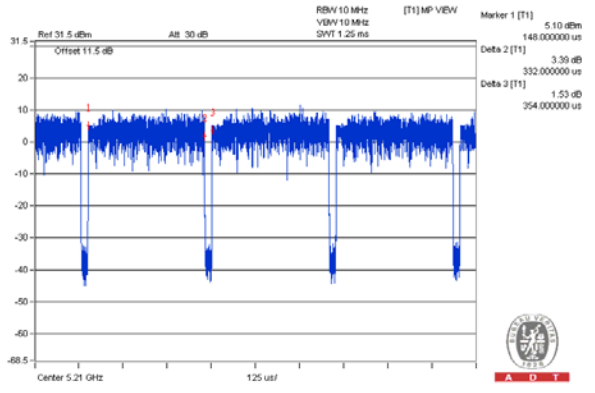
802.11ac (VHT20)



802.11ac (VHT40)



802.11ac (VHT80)



3.4 Description of Support Units

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

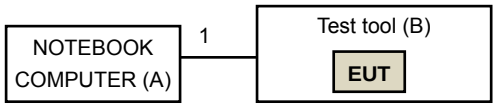
ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	NOTEBOOK COMPUTER	DELL	E5430	GM1SKV1	FCC DoC	Provided by Lab
B.	Test Tool	NA	NA	NA	NA	Supplied by Client

Note:

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

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	MiniUSB	1	1.5	Yes	0	Provided by Lab

3.4.1 Configuration of System under Test



3.5 General Description of Applied Standard

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 Procedure New Rules v01
ANSI C63.10-2013

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

NOTE: The EUT has been verified to comply with the requirements of FCC Part 15, Subpart B, Class B (DoC). The test report has been issued separately.

4 Test Types and Results

4.1 Radiated Emission and Bandedge Measurement

4.1.1 Limits of Radiated Emission and Bandedge Measurement

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

NOTE:

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

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

APPLICABLE TO	**LIMIT**	
789033 D02 General UNII Test Procedure 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).

4.1.2 Test Instruments

For Below 1GHz test

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Agilent	N9038A	MY51210105	July 24, 2015	July 23, 2016
Pre-Amplifier Mini-Circuits	ZFL-1000VH2B	AMP-ZFL-03	Nov. 12, 2014	Nov. 11, 2015
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-360	Feb. 06, 2015	Feb. 05, 2016
RF Cable	8D-FB	CHGCAB-001-1 CHGCAB-001-2	Oct. 04, 2014	Oct. 03, 2015
	RF-141	CHGCAB-004	Oct. 04, 2014	Oct. 03, 2015
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 test was performed in 966 Chamber No. G.
3. The FCC Site Registration No. is 966073.
4. The CANADA Site Registration No. is IC 7450H-2.
5. Tested Date: Aug. 12 to 27, 2015

For Above 1GHz test

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Agilent	N9038A	MY51210202	Dec. 12, 2014	Dec. 11, 2015
Horn_Antenna AISI	AIH.8018	0000220091110	Feb. 06, 2015	Feb. 05, 2016
Pre-Amplifier Agilent	8449B	3008A01923	Oct. 28, 2014	Oct. 27, 2015
RF Cable	NA	131206 131213 131215 SNMY23685/4	Jan. 16, 2015	Jan. 15, 2016
Spectrum Analyzer R&S	FSV40	100964	Jun. 26, 2015	Jun. 25, 2016
Pre-Amplifier SPACEK LABS	SLKKa-48-6	9K16	Dec. 12, 2014	Dec. 11, 2015
Horn_Antenna SCHWARZBECK	BBHA 9170	9170-424	Feb. 05, 2015	Feb. 04, 2016
RF Cable	NA	329751/4 RF104-204	Dec. 11, 2014	Dec. 10, 2015
Software	ADT_Radiated _V8.7.07	NA	NA	NA
Antenna Tower & Turn Table CT	NA	NA	NA	NA
Spectrum Analyzer R&S	FSP40	100060	May 08, 2015	May 07, 2016
Power Meter Anritsu	ML2495A	1014008	Apr. 28, 2015	Apr. 27, 2016
Power Sensor Anritsu	MA2411B	0917122	Apr. 28, 2015	Apr. 27, 2016

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 966 Chamber No. H.
3. The FCC Site Registration No. is 797305.
4. The CANADA Site Registration No. is IC 7450H-3.
5. Tested Date: Aug. 31 to Oct. 12, 2015

4.1.3 Test Procedure

a. The EUT was placed on the top of a rotating table 0.8 meters (for below 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.

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

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

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

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

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

Note:

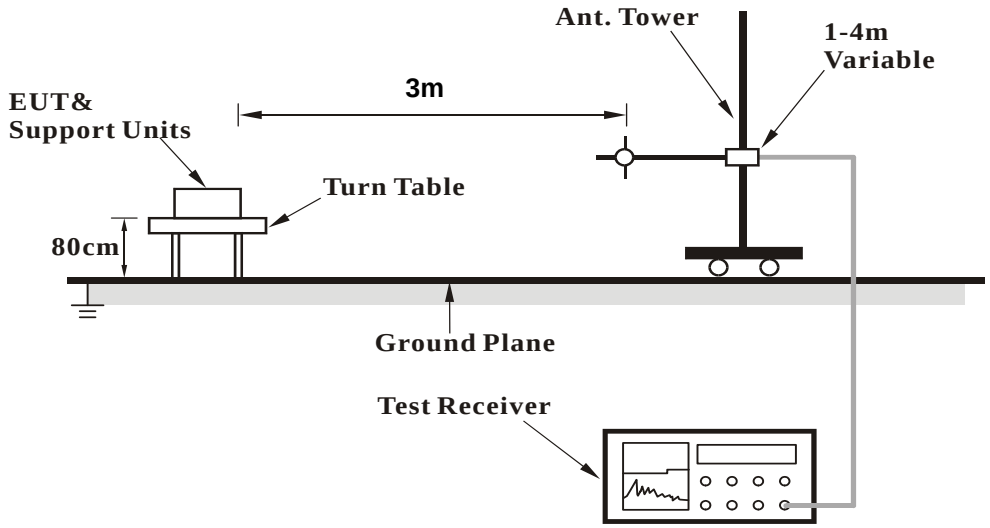
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 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.

4.1.4 Deviation from Test Standard

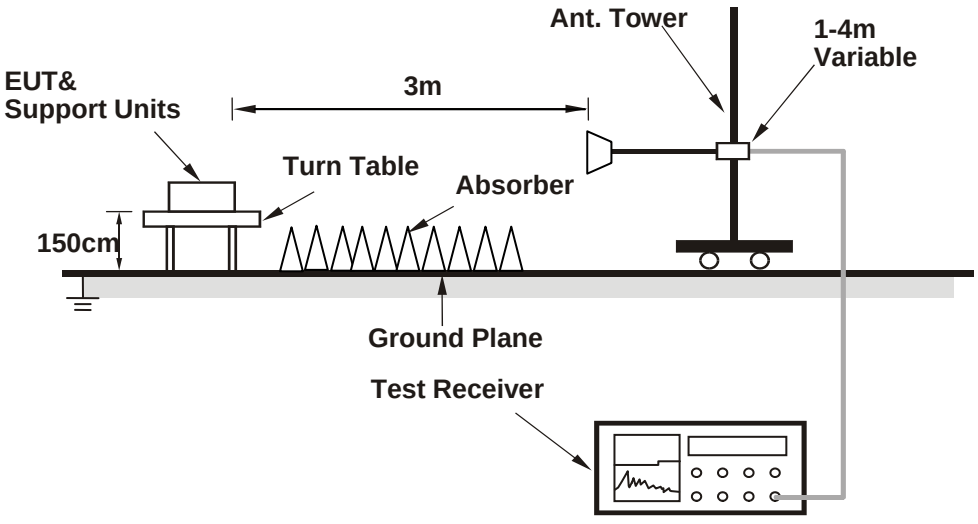
No deviation.

4.1.5 Test Setup

<Frequency Range below 1GHz>



<Frequency Range above 1GHz>



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

4.1.6 EUT Operating Condition

1. Connect the EUT with the support unit A (Notebook Computer) which is placed on test table.
2. The communication partner run test program “HyperTerminal paste Script file” to enable EUT under transmission/receiving condition continuously at specific channel frequency.

4.1.7 Test Results (Mode 1)

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	60.2 PK	74.0	-13.8	1.32 H	306	53.73	6.47
2	5150.00	47.9 AV	54.0	-6.1	1.32 H	306	41.43	6.47
3	*5180.00	107.8 PK			1.32 H	306	101.15	6.65
4	*5180.00	97.2 AV			1.32 H	306	90.55	6.65
5	#10360.00	56.1 PK	74.0	-17.9	1.31 H	100	41.89	14.21
6	#10360.00	43.5 AV	54.0	-10.5	1.31 H	100	29.29	14.21
7	15540.00	62.8 PK	74.0	-11.2	1.46 H	225	44.04	18.76
8	15540.00	49.1 AV	54.0	-4.9	1.46 H	225	30.34	18.76
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	5150.00	57.1 PK	74.0	-16.9	2.58 V	147	50.63	6.47
2	5150.00	44.0 AV	54.0	-10.0	2.58 V	147	37.53	6.47
3	*5180.00	102.2 PK			2.58 V	147	95.55	6.65
4	*5180.00	92.2 AV			2.58 V	147	85.55	6.65
5	#10360.00	55.7 PK	74.0	-18.3	1.49 V	330	41.49	14.21
6	#10360.00	43.5 AV	54.0	-10.5	1.49 V	330	29.29	14.21
7	15540.00	63.2 PK	74.0	-10.8	1.50 V	195	44.44	18.76
8	15540.00	49.2 AV	54.0	-4.8	1.50 V	195	30.44	18.76

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	108.1 PK			1.27 H	297	101.33	6.77
2	*5200.00	97.4 AV			1.27 H	297	90.63	6.77
3	#10400.00	55.3 PK	74.0	-18.7	1.34 H	0	41.08	14.22
4	#10400.00	43.1 AV	54.0	-10.9	1.34 H	0	28.88	14.22
5	15600.00	62.0 PK	74.0	-12.0	1.40 H	233	43.66	18.34
6	15600.00	48.5 AV	54.0	-5.5	1.40 H	233	30.16	18.34
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	102.3 PK			2.55 V	140	95.53	6.77
2	*5200.00	92.6 AV			2.55 V	140	85.83	6.77
3	#10400.00	55.7 PK	74.0	-18.3	1.44 V	324	41.48	14.22
4	#10400.00	43.8 AV	54.0	-10.2	1.44 V	324	29.58	14.22
5	15600.00	63.1 PK	74.0	-10.9	1.49 V	183	44.76	18.34
6	15600.00	49.3 AV	54.0	-4.7	1.49 V	183	30.96	18.34

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	107.5 PK			1.31 H	299	100.68	6.82
2	*5240.00	96.9 AV			1.31 H	299	90.08	6.82
3	#10480.00	55.4 PK	74.0	-18.6	1.24 H	27	41.41	13.99
4	#10480.00	43.2 AV	54.0	-10.8	1.24 H	27	29.21	13.99
5	15720.00	62.7 PK	74.0	-11.3	1.46 H	239	43.67	19.03
6	15720.00	49.1 AV	54.0	-4.9	1.46 H	239	30.07	19.03
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	102.4 PK			2.63 V	143	95.58	6.82
2	*5240.00	92.2 AV			2.63 V	143	85.38	6.82
3	#10480.00	55.0 PK	74.0	-19.0	1.51 V	320	41.01	13.99
4	#10480.00	43.1 AV	54.0	-10.9	1.51 V	320	29.11	13.99
5	15720.00	62.4 PK	74.0	-11.6	1.50 V	194	43.37	19.03
6	15720.00	48.7 AV	54.0	-5.3	1.50 V	194	29.67	19.03

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5260.00	108.0 PK			1.35 H	304	101.15	6.85
2	*5260.00	97.6 AV			1.35 H	304	90.75	6.85
3	#10520.00	56.2 PK	74.0	-17.8	1.19 H	0	42.37	13.83
4	#10520.00	43.6 AV	54.0	-10.4	1.19 H	0	29.77	13.83
5	15780.00	62.1 PK	74.0	-11.9	1.40 H	218	42.74	19.36
6	15780.00	48.7 AV	54.0	-5.3	1.40 H	218	29.34	19.36
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	101.5 PK			2.58 V	145	94.65	6.85
2	*5260.00	91.7 AV			2.58 V	145	84.85	6.85
3	#10520.00	55.5 PK	74.0	-18.5	1.45 V	323	41.67	13.83
4	#10520.00	43.2 AV	54.0	-10.8	1.45 V	323	29.37	13.83
5	15780.00	63.0 PK	74.0	-11.0	1.45 V	201	43.64	19.36
6	15780.00	49.1 AV	54.0	-4.9	1.45 V	201	29.74	19.36

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	108.4 PK			1.36 H	291	101.50	6.90
2	*5300.00	97.7 AV			1.36 H	291	90.80	6.90
3	10600.00	56.0 PK	74.0	-18.0	1.31 H	22	42.56	13.44
4	10600.00	43.5 AV	54.0	-10.5	1.31 H	22	30.06	13.44
5	15900.00	62.6 PK	74.0	-11.4	1.49 H	221	43.59	19.01
6	15900.00	48.9 AV	54.0	-5.1	1.49 H	221	29.89	19.01
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	*5300.00	101.9 PK			2.55 V	137	95.00	6.90
2	*5300.00	92.1 AV			2.55 V	137	85.20	6.90
3	10600.00	55.1 PK	74.0	-18.9	1.43 V	341	41.66	13.44
4	10600.00	42.8 AV	54.0	-11.2	1.43 V	341	29.36	13.44
5	15900.00	62.7 PK	74.0	-11.3	1.48 V	185	43.69	19.01
6	15900.00	48.8 AV	54.0	-5.2	1.48 V	185	29.79	19.01

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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	107.5 PK			1.17 H	296	100.53	6.97
2	*5320.00	97.2 AV			1.17 H	296	90.23	6.97
3	5350.00	60.2 PK	74.0	-13.8	1.17 H	296	53.16	7.04
4	5350.00	47.1 AV	54.0	-6.9	1.17 H	296	40.06	7.04
5	10640.00	56.6 PK	74.0	-17.4	1.37 H	31	42.93	13.67
6	10640.00	43.8 AV	54.0	-10.2	1.37 H	31	30.13	13.67
7	15960.00	62.4 PK	74.0	-11.6	1.46 H	216	43.56	18.84
8	15960.00	48.4 AV	54.0	-5.6	1.46 H	216	29.56	18.84
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	*5320.00	102.3 PK			2.63 V	160	95.33	6.97
2	*5320.00	92.1 AV			2.63 V	160	85.13	6.97
3	5350.00	56.8 PK	74.0	-17.2	2.63 V	160	49.76	7.04
4	5350.00	43.7 AV	54.0	-10.3	2.63 V	160	36.66	7.04
5	10640.00	54.8 PK	74.0	-19.2	1.51 V	291	41.13	13.67
6	10640.00	42.9 AV	54.0	-11.1	1.51 V	291	29.23	13.67
7	15960.00	63.1 PK	74.0	-10.9	1.50 V	184	44.26	18.84
8	15960.00	49.1 AV	54.0	-4.9	1.50 V	184	30.26	18.84

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	62.2 PK	74.0	-11.8	1.11 H	299	54.91	7.29
2	#5470.00	48.1 AV	54.0	-5.9	1.11 H	299	40.81	7.29
3	*5500.00	107.2 PK			1.11 H	299	99.87	7.33
4	*5500.00	96.9 AV			1.11 H	299	89.57	7.33
5	11000.00	55.6 PK	74.0	-18.4	1.26 H	23	41.37	14.23
6	11000.00	43.3 AV	54.0	-10.7	1.26 H	23	29.07	14.23
7	#16500.00	62.5 PK	74.0	-11.5	1.41 H	210	41.53	20.97
8	#16500.00	49.2 AV	54.0	-4.8	1.41 H	210	28.23	20.97
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	#5470.00	56.8 PK	74.0	-17.2	2.54 V	142	49.51	7.29
2	#5470.00	44.0 AV	54.0	-10.0	2.54 V	142	36.71	7.29
3	*5500.00	102.0 PK			2.54 V	142	94.67	7.33
4	*5500.00	92.1 AV			2.54 V	142	84.77	7.33
5	11000.00	54.5 PK	74.0	-19.5	1.46 V	312	40.27	14.23
6	11000.00	42.8 AV	54.0	-11.2	1.46 V	312	28.57	14.23
7	#16500.00	63.2 PK	74.0	-10.8	1.54 V	183	42.23	20.97
8	#16500.00	49.2 AV	54.0	-4.8	1.54 V	183	28.23	20.97

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.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 120	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	*5600.00	108.0 PK			1.34 H	308	100.87	7.13
2	*5600.00	97.4 AV			1.34 H	308	90.27	7.13
3	11200.00	56.2 PK	74.0	-17.8	1.25 H	29	41.73	14.47
4	11200.00	43.5 AV	54.0	-10.5	1.25 H	29	29.03	14.47
5	#16800.00	63.5 PK	74.0	-10.5	1.42 H	217	41.40	22.10
6	#16800.00	49.6 AV	54.0	-4.4	1.42 H	217	27.50	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	*5600.00	101.9 PK			2.50 V	149	94.77	7.13
2	*5600.00	92.2 AV			2.50 V	149	85.07	7.13
3	11200.00	56.0 PK	74.0	-18.0	1.43 V	320	41.53	14.47
4	11200.00	43.8 AV	54.0	-10.2	1.43 V	320	29.33	14.47
5	#16800.00	63.4 PK	74.0	-10.6	1.50 V	179	41.30	22.10
6	#16800.00	49.3 AV	54.0	-4.7	1.50 V	179	27.20	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.
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	106.8 PK			1.23 H	299	99.41	7.39
2	*5700.00	96.6 AV			1.23 H	299	89.21	7.39
3	#5725.00	63.1 PK	74.0	-10.9	1.23 H	299	55.72	7.38
4	#5725.00	48.2 AV	54.0	-5.8	1.23 H	299	40.82	7.38
5	11400.00	55.8 PK	74.0	-18.2	1.26 H	8	40.94	14.86
6	11400.00	43.2 AV	54.0	-10.8	1.26 H	8	28.34	14.86
7	#17100.00	62.8 PK	74.0	-11.2	1.42 H	222	39.81	22.99
8	#17100.00	49.0 AV	54.0	-5.0	1.42 H	222	26.01	22.99
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	*5700.00	101.9 PK			2.59 V	147	94.51	7.39
2	*5700.00	92.0 AV			2.59 V	147	84.61	7.39
3	#5725.00	56.8 PK	74.0	-17.2	2.59 V	147	49.42	7.38
4	#5725.00	43.8 AV	54.0	-10.2	2.59 V	147	36.42	7.38
5	11400.00	54.9 PK	74.0	-19.1	1.42 V	326	40.04	14.86
6	11400.00	43.0 AV	54.0	-11.0	1.42 V	326	28.14	14.86
7	#17100.00	62.5 PK	74.0	-11.5	1.46 V	193	39.51	22.99
8	#17100.00	48.3 AV	54.0	-5.7	1.46 V	193	25.31	22.99

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	106.9 PK			1.27 H	288	99.51	7.39
2	*5720.00	96.5 AV			1.27 H	288	89.11	7.39
3	#5850.00	52.6 PK	78.2	-25.6	1.27 H	288	45.35	7.25
4	11440.00	56.4 PK	74.0	-17.6	1.30 H	11	41.68	14.72
5	11440.00	43.7 AV	54.0	-10.3	1.30 H	11	28.98	14.72
6	#17160.00	63.0 PK	74.0	-11.0	1.39 H	217	39.38	23.62
7	#17160.00	49.1 AV	54.0	-4.9	1.39 H	217	25.48	23.62
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	*5720.00	104.3 PK			2.33 V	20	96.91	7.39
2	*5720.00	94.3 AV			2.33 V	20	86.91	7.39
3	#5850.00	51.9 PK	78.2	-26.3	2.33 V	20	44.65	7.25
4	11440.00	56.6 PK	74.0	-17.4	1.53 V	345	41.88	14.72
5	11440.00	44.3 AV	54.0	-9.7	1.53 V	345	29.58	14.72
6	#17160.00	63.8 PK	74.0	-10.2	1.46 V	187	40.18	23.62
7	#17160.00	49.6 AV	54.0	-4.4	1.46 V	187	25.98	23.62

REMARKS:

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

CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	64.1 PK	74.0	-9.9	1.28 H	308	56.72	7.38
2	#5715.00	49.4 AV	54.0	-4.6	1.28 H	308	42.02	7.38
3	#5725.00	74.1 PK	78.2	-4.1	1.28 H	308	66.72	7.38
4	*5745.00	106.9 PK			1.28 H	308	99.52	7.38
5	*5745.00	96.3 AV			1.28 H	308	88.92	7.38
6	11490.00	55.6 PK	74.0	-18.4	1.27 H	23	41.08	14.52
7	11490.00	42.7 AV	54.0	-11.3	1.27 H	23	28.18	14.52
8	#17235.00	62.6 PK	74.0	-11.4	1.44 H	233	38.84	23.76
9	#17235.00	49.3 AV	54.0	-4.7	1.44 H	233	25.54	23.76
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	56.9 PK	74.0	-17.1	2.57 V	128	49.52	7.38
2	#5715.00	44.1 AV	54.0	-9.9	2.57 V	128	36.72	7.38
3	#5725.00	68.6 PK	78.2	-9.6	2.57 V	128	61.22	7.38
4	*5745.00	101.5 PK			2.57 V	128	94.12	7.38
5	*5745.00	91.7 AV			2.57 V	128	84.32	7.38
6	11490.00	55.4 PK	74.0	-18.6	1.48 V	322	40.88	14.52
7	11490.00	43.3 AV	54.0	-10.7	1.48 V	322	28.78	14.52
8	#17235.00	62.4 PK	74.0	-11.6	1.50 V	192	38.64	23.76
9	#17235.00	48.7 AV	54.0	-5.3	1.50 V	192	24.94	23.76

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5785.00	106.2 PK			1.29 H	310	98.82	7.38
2	*5785.00	96.5 AV			1.29 H	310	89.12	7.38
3	11570.00	55.5 PK	74.0	-18.5	1.28 H	2	40.93	14.57
4	11570.00	43.1 AV	54.0	-10.9	1.28 H	2	28.53	14.57
5	#17355.00	61.8 PK	74.0	-12.2	1.40 H	212	37.74	24.06
6	#17355.00	48.8 AV	54.0	-5.2	1.40 H	212	24.74	24.06
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	*5785.00	101.8 PK			2.59 V	147	94.42	7.38
2	*5785.00	92.1 AV			2.59 V	147	84.72	7.38
3	11570.00	55.1 PK	74.0	-18.9	1.53 V	306	40.53	14.57
4	11570.00	43.2 AV	54.0	-10.8	1.53 V	306	28.63	14.57
5	#17355.00	63.1 PK	74.0	-10.9	1.51 V	183	39.04	24.06
6	#17355.00	49.0 AV	54.0	-5.0	1.51 V	183	24.94	24.06

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5825.00	106.8 PK			1.34 H	310	99.49	7.31
2	*5825.00	96.4 AV			1.34 H	310	89.09	7.31
3	#5850.00	72.0 PK	78.2	-6.2	1.34 H	310	64.75	7.25
4	#5860.00	64.8 PK	74.0	-9.2	1.34 H	310	57.58	7.22
5	#5860.00	50.1 AV	54.0	-3.9	1.34 H	310	42.88	7.22
6	11650.00	56.5 PK	74.0	-17.5	1.31 H	20	41.83	14.67
7	11650.00	43.8 AV	54.0	-10.2	1.31 H	20	29.13	14.67
8	#17475.00	62.9 PK	74.0	-11.1	1.41 H	210	38.88	24.02
9	#17475.00	49.3 AV	54.0	-4.7	1.41 H	210	25.28	24.02
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	101.7 PK			2.51 V	124	94.39	7.31
2	*5825.00	91.8 AV			2.51 V	124	84.49	7.31
3	#5850.00	67.9 PK	78.2	-10.3	2.51 V	124	60.65	7.25
4	#5860.00	59.3 PK	74.0	-14.7	2.51 V	124	52.08	7.22
5	#5860.00	45.2 AV	54.0	-8.8	2.51 V	124	37.98	7.22
6	11650.00	56.2 PK	74.0	-17.8	1.51 V	335	41.53	14.67
7	11650.00	43.8 AV	54.0	-10.2	1.51 V	335	29.13	14.67
8	#17475.00	63.0 PK	74.0	-11.0	1.51 V	195	38.98	24.02
9	#17475.00	49.2 AV	54.0	-4.8	1.51 V	195	25.18	24.02

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.

802.11ac (VHT20)

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	59.9 PK	74.0	-14.1	1.29 H	297	53.43	6.47
2	5150.00	47.2 AV	54.0	-6.8	1.29 H	297	40.73	6.47
3	*5180.00	106.6 PK			1.27 H	306	99.95	6.65
4	*5180.00	95.8 AV			1.27 H	306	89.15	6.65
5	#10360.00	56.5 PK	74.0	-17.5	1.25 H	1	42.29	14.21
6	#10360.00	43.8 AV	54.0	-10.2	1.25 H	1	29.59	14.21
7	15540.00	62.9 PK	74.0	-11.1	1.42 H	230	44.14	18.76
8	15540.00	49.5 AV	54.0	-4.5	1.42 H	230	30.74	18.76
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	5150.00	57.0 PK	74.0	-17.0	2.24 V	145	50.53	6.47
2	5150.00	44.4 AV	54.0	-9.6	2.24 V	145	37.93	6.47
3	*5180.00	100.8 PK			2.24 V	145	94.15	6.65
4	*5180.00	90.7 AV			2.24 V	145	84.05	6.65
5	#10360.00	55.7 PK	74.0	-18.3	1.53 V	345	41.49	14.21
6	#10360.00	43.8 AV	54.0	-10.2	1.53 V	345	29.59	14.21
7	15540.00	62.2 PK	74.0	-11.8	1.50 V	166	43.44	18.76
8	15540.00	48.5 AV	54.0	-5.5	1.50 V	166	29.74	18.76

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	106.5 PK			1.28 H	303	99.73	6.77
2	*5200.00	95.7 AV			1.28 H	303	88.93	6.77
3	#10400.00	56.2 PK	74.0	-17.8	1.22 H	10	41.98	14.22
4	#10400.00	43.7 AV	54.0	-10.3	1.22 H	10	29.48	14.22
5	15600.00	62.7 PK	74.0	-11.3	1.37 H	201	44.36	18.34
6	15600.00	49.2 AV	54.0	-4.8	1.37 H	201	30.86	18.34
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	100.8 PK			2.25 V	146	94.03	6.77
2	*5200.00	90.9 AV			2.25 V	146	84.13	6.77
3	#10400.00	54.9 PK	74.0	-19.1	1.48 V	319	40.68	14.22
4	#10400.00	43.1 AV	54.0	-10.9	1.48 V	319	28.88	14.22
5	15600.00	62.9 PK	74.0	-11.1	1.50 V	184	44.56	18.34
6	15600.00	49.2 AV	54.0	-4.8	1.50 V	184	30.86	18.34

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	106.8 PK			1.30 H	309	99.98	6.82
2	*5240.00	96.2 AV			1.30 H	309	89.38	6.82
3	#10480.00	56.3 PK	74.0	-17.7	1.27 H	14	42.31	13.99
4	#10480.00	43.5 AV	54.0	-10.5	1.27 H	14	29.51	13.99
5	15720.00	61.4 PK	74.0	-12.6	1.42 H	230	42.37	19.03
6	15720.00	48.0 AV	54.0	-6.0	1.42 H	230	28.97	19.03
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	100.5 PK			2.27 V	161	93.68	6.82
2	*5240.00	90.6 AV			2.27 V	161	83.78	6.82
3	#10480.00	55.2 PK	74.0	-18.8	1.44 V	313	41.21	13.99
4	#10480.00	43.1 AV	54.0	-10.9	1.44 V	313	29.11	13.99
5	15720.00	62.4 PK	74.0	-11.6	1.55 V	184	43.37	19.03
6	15720.00	48.5 AV	54.0	-5.5	1.55 V	184	29.47	19.03

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5260.00	106.7 PK			1.25 H	299	99.85	6.85
2	*5260.00	95.8 AV			1.25 H	299	88.95	6.85
3	#10520.00	55.8 PK	74.0	-18.2	1.34 H	11	41.97	13.83
4	#10520.00	43.0 AV	54.0	-11.0	1.34 H	11	29.17	13.83
5	15780.00	63.0 PK	74.0	-11.0	1.48 H	214	43.64	19.36
6	15780.00	49.3 AV	54.0	-4.7	1.48 H	214	29.94	19.36
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	100.8 PK			2.23 V	146	93.95	6.85
2	*5260.00	90.8 AV			2.23 V	146	83.95	6.85
3	#10520.00	55.8 PK	74.0	-18.2	1.44 V	329	41.97	13.83
4	#10520.00	43.4 AV	54.0	-10.6	1.44 V	329	29.57	13.83
5	15780.00	62.3 PK	74.0	-11.7	1.51 V	199	42.94	19.36
6	15780.00	48.8 AV	54.0	-5.2	1.51 V	199	29.44	19.36

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	107.1 PK			1.22 H	320	100.20	6.90
2	*5300.00	96.3 AV			1.22 H	320	89.40	6.90
3	10600.00	55.7 PK	74.0	-18.3	1.32 H	34	42.26	13.44
4	10600.00	42.8 AV	54.0	-11.2	1.32 H	34	29.36	13.44
5	15900.00	62.6 PK	74.0	-11.4	1.40 H	224	43.59	19.01
6	15900.00	49.1 AV	54.0	-4.9	1.40 H	224	30.09	19.01
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	*5300.00	101.3 PK			2.21 V	160	94.40	6.90
2	*5300.00	91.1 AV			2.21 V	160	84.20	6.90
3	10600.00	55.9 PK	74.0	-18.1	1.39 V	332	42.46	13.44
4	10600.00	43.9 AV	54.0	-10.1	1.39 V	332	30.46	13.44
5	15900.00	63.0 PK	74.0	-11.0	1.52 V	183	43.99	19.01
6	15900.00	49.3 AV	54.0	-4.7	1.52 V	183	30.29	19.01

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	106.9 PK			1.29 H	294	99.93	6.97
2	*5320.00	96.1 AV			1.29 H	294	89.13	6.97
3	5350.00	59.9 PK	74.0	-14.1	1.13 H	306	52.86	7.04
4	5350.00	47.2 AV	54.0	-6.8	1.13 H	306	40.16	7.04
5	10640.00	55.8 PK	74.0	-18.2	1.27 H	19	42.13	13.67
6	10640.00	43.1 AV	54.0	-10.9	1.27 H	19	29.43	13.67
7	15960.00	63.1 PK	74.0	-10.9	1.45 H	233	44.26	18.84
8	15960.00	49.2 AV	54.0	-4.8	1.45 H	233	30.36	18.84
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	*5320.00	101.5 PK			2.24 V	157	94.53	6.97
2	*5320.00	91.1 AV			2.24 V	157	84.13	6.97
3	5350.00	56.1 PK	74.0	-17.9	2.24 V	157	49.06	7.04
4	5350.00	43.4 AV	54.0	-10.6	2.24 V	157	36.36	7.04
5	10640.00	56.0 PK	74.0	-18.0	1.43 V	339	42.33	13.67
6	10640.00	43.7 AV	54.0	-10.3	1.43 V	339	30.03	13.67
7	15960.00	63.4 PK	74.0	-10.6	1.48 V	180	44.56	18.84
8	15960.00	49.3 AV	54.0	-4.7	1.48 V	180	30.46	18.84

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	62.4 PK	74.0	-11.6	1.09 H	299	55.11	7.29
2	#5470.00	48.2 AV	54.0	-5.8	1.09 H	299	40.91	7.29
3	*5500.00	106.9 PK			1.11 H	286	99.57	7.33
4	*5500.00	96.7 AV			1.11 H	286	89.37	7.33
5	11000.00	56.1 PK	74.0	-17.9	1.33 H	0	41.87	14.23
6	11000.00	43.5 AV	54.0	-10.5	1.33 H	0	29.27	14.23
7	#16500.00	62.4 PK	74.0	-11.6	1.45 H	219	41.43	20.97
8	#16500.00	49.0 AV	54.0	-5.0	1.45 H	219	28.03	20.97
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	#5470.00	56.5 PK	74.0	-17.5	2.27 V	158	49.21	7.29
2	#5470.00	43.8 AV	54.0	-10.2	2.27 V	158	36.51	7.29
3	*5500.00	100.6 PK			2.27 V	158	93.27	7.33
4	*5500.00	90.5 AV			2.27 V	158	83.17	7.33
5	11000.00	55.2 PK	74.0	-18.8	1.48 V	326	40.97	14.23
6	11000.00	43.0 AV	54.0	-11.0	1.48 V	326	28.77	14.23
7	#16500.00	63.2 PK	74.0	-10.8	1.41 V	202	42.23	20.97
8	#16500.00	49.2 AV	54.0	-4.8	1.41 V	202	28.23	20.97

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.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 120	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	*5600.00	107.0 PK			1.21 H	313	99.87	7.13
2	*5600.00	96.1 AV			1.21 H	313	88.97	7.13
3	11200.00	55.9 PK	74.0	-18.1	1.28 H	32	41.43	14.47
4	11200.00	43.1 AV	54.0	-10.9	1.28 H	32	28.63	14.47
5	#16800.00	62.6 PK	74.0	-11.4	1.50 H	235	40.50	22.10
6	#16800.00	49.3 AV	54.0	-4.7	1.50 H	235	27.20	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	*5600.00	100.4 PK			2.28 V	151	93.27	7.13
2	*5600.00	90.3 AV			2.28 V	151	83.17	7.13
3	11200.00	55.6 PK	74.0	-18.4	1.55 V	345	41.13	14.47
4	11200.00	43.3 AV	54.0	-10.7	1.55 V	345	28.83	14.47
5	#16800.00	62.0 PK	74.0	-12.0	1.40 V	204	39.90	22.10
6	#16800.00	48.3 AV	54.0	-5.7	1.40 V	204	26.20	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	107.1 PK			1.23 H	316	99.71	7.39
2	*5700.00	96.2 AV			1.23 H	316	88.81	7.39
3	#5725.00	64.2 PK	74.0	-9.8	1.23 H	316	56.82	7.38
4	#5725.00	47.8 AV	54.0	-6.2	1.23 H	316	40.42	7.38
5	11400.00	56.2 PK	74.0	-17.8	1.22 H	23	41.34	14.86
6	11400.00	43.5 AV	54.0	-10.5	1.22 H	23	28.64	14.86
7	#17100.00	62.9 PK	74.0	-11.1	1.48 H	225	39.91	22.99
8	#17100.00	49.3 AV	54.0	-4.7	1.48 H	225	26.31	22.99
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	*5700.00	100.6 PK			2.14 V	147	93.21	7.39
2	*5700.00	90.5 AV			2.14 V	147	83.11	7.39
3	#5725.00	56.7 PK	74.0	-17.3	2.14 V	147	49.32	7.38
4	#5725.00	44.1 AV	54.0	-9.9	2.14 V	147	36.72	7.38
5	11400.00	56.3 PK	74.0	-17.7	1.52 V	316	41.44	14.86
6	11400.00	43.8 AV	54.0	-10.2	1.52 V	316	28.94	14.86
7	#17100.00	62.9 PK	74.0	-11.1	1.48 V	191	39.91	22.99
8	#17100.00	49.1 AV	54.0	-4.9	1.48 V	191	26.11	22.99

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	106.7 PK			1.19 H	288	99.31	7.39
2	*5720.00	95.9 AV			1.19 H	288	88.51	7.39
3	#5850.00	53.7 PK	78.2	-24.5	1.24 H	321	46.45	7.25
4	11440.00	56.3 PK	74.0	-17.7	1.20 H	16	41.58	14.72
5	11440.00	43.9 AV	54.0	-10.1	1.20 H	16	29.18	14.72
6	#17160.00	62.7 PK	74.0	-11.3	1.36 H	234	39.08	23.62
7	#17160.00	49.1 AV	54.0	-4.9	1.36 H	234	25.48	23.62
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	*5720.00	100.8 PK			2.16 V	141	93.41	7.39
2	*5720.00	90.9 AV			2.16 V	141	83.51	7.39
3	#5850.00	52.4 PK	78.2	-25.8	2.14 V	140	45.15	7.25
4	11440.00	56.8 PK	74.0	-17.2	1.43 V	300	42.08	14.72
5	11440.00	44.2 AV	54.0	-9.8	1.43 V	300	29.48	14.72
6	#17160.00	62.8 PK	74.0	-11.2	1.38 V	183	39.18	23.62
7	#17160.00	49.2 AV	54.0	-4.8	1.38 V	183	25.58	23.62

REMARKS:

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

CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	65.7 PK	74.0	-8.3	1.34 H	307	58.32	7.38
2	#5715.00	48.5 AV	54.0	-5.5	1.34 H	307	41.12	7.38
3	#5725.00	73.8 PK	78.2	-4.4	1.34 H	307	66.42	7.38
4	*5745.00	106.9 PK			1.27 H	313	99.52	7.38
5	*5745.00	96.1 AV			1.27 H	313	88.72	7.38
6	11490.00	55.3 PK	74.0	-18.7	1.28 H	7	40.78	14.52
7	11490.00	42.8 AV	54.0	-11.2	1.28 H	7	28.28	14.52
8	#17235.00	62.2 PK	74.0	-11.8	1.46 H	228	38.44	23.76
9	#17235.00	48.6 AV	54.0	-5.4	1.46 H	228	24.84	23.76
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	56.9 PK	74.0	-17.1	2.15 V	162	49.52	7.38
2	#5715.00	43.9 AV	54.0	-10.1	2.15 V	162	36.52	7.38
3	#5725.00	69.5 PK	78.2	-8.7	2.15 V	162	62.12	7.38
4	*5745.00	100.8 PK			2.15 V	162	93.42	7.38
5	*5745.00	90.6 AV			2.15 V	162	83.22	7.38
6	11490.00	55.1 PK	74.0	-18.9	1.51 V	318	40.58	14.52
7	11490.00	43.1 AV	54.0	-10.9	1.51 V	318	28.58	14.52
8	#17235.00	63.3 PK	74.0	-10.7	1.55 V	203	39.54	23.76
9	#17235.00	49.1 AV	54.0	-4.9	1.55 V	203	25.34	23.76

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5785.00	106.8 PK			1.25 H	323	99.42	7.38
2	*5785.00	96.0 AV			1.25 H	323	88.62	7.38
3	11570.00	56.4 PK	74.0	-17.6	1.29 H	3	41.83	14.57
4	11570.00	43.6 AV	54.0	-10.4	1.29 H	3	29.03	14.57
5	#17355.00	62.7 PK	74.0	-11.3	1.42 H	212	38.64	24.06
6	#17355.00	48.9 AV	54.0	-5.1	1.42 H	212	24.84	24.06
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	*5785.00	101.0 PK			2.10 V	152	93.62	7.38
2	*5785.00	90.7 AV			2.10 V	152	83.32	7.38
3	11570.00	55.4 PK	74.0	-18.6	1.46 V	327	40.83	14.57
4	11570.00	43.4 AV	54.0	-10.6	1.46 V	327	28.83	14.57
5	#17355.00	62.2 PK	74.0	-11.8	1.51 V	186	38.14	24.06
6	#17355.00	48.6 AV	54.0	-5.4	1.51 V	186	24.54	24.06

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5825.00	106.6 PK			1.25 H	322	99.29	7.31
2	*5825.00	95.7 AV			1.25 H	322	88.39	7.31
3	#5850.00	68.1 PK	78.2	-10.1	1.27 H	300	60.85	7.25
4	#5860.00	64.2 PK	74.0	-9.8	1.27 H	300	56.98	7.22
5	#5860.00	47.1 AV	54.0	-6.9	1.27 H	300	39.88	7.22
6	11650.00	55.1 PK	74.0	-18.9	1.26 H	0	40.43	14.67
7	11650.00	42.5 AV	54.0	-11.5	1.26 H	0	27.83	14.67
8	#17475.00	62.3 PK	74.0	-11.7	1.47 H	193	38.28	24.02
9	#17475.00	49.3 AV	54.0	-4.7	1.47 H	193	25.28	24.02
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	100.5 PK			2.16 V	161	93.19	7.31
2	*5825.00	90.4 AV			2.16 V	161	83.09	7.31
3	#5850.00	65.8 PK	78.2	-12.4	2.16 V	161	58.55	7.25
4	#5860.00	56.8 PK	74.0	-17.2	2.16 V	161	49.58	7.22
5	#5860.00	44.5 AV	54.0	-9.5	2.16 V	161	37.28	7.22
6	11650.00	55.6 PK	74.0	-18.4	1.49 V	324	40.93	14.67
7	11650.00	43.5 AV	54.0	-10.5	1.49 V	324	28.83	14.67
8	#17475.00	63.1 PK	74.0	-10.9	1.45 V	203	39.08	24.02
9	#17475.00	49.3 AV	54.0	-4.7	1.45 V	203	25.28	24.02

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.

802.11ac (VHT40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	62.1 PK	74.0	-11.9	1.16 H	294	55.63	6.47
2	5150.00	47.2 AV	54.0	-6.8	1.16 H	294	40.73	6.47
3	*5190.00	101.4 PK			1.16 H	294	94.70	6.70
4	*5190.00	90.1 AV			1.16 H	294	83.40	6.70
5	#10380.00	55.6 PK	74.0	-18.4	1.20 H	21	41.39	14.21
6	#10380.00	43.1 AV	54.0	-10.9	1.20 H	21	28.89	14.21
7	15570.00	62.0 PK	74.0	-12.0	1.43 H	224	43.45	18.55
8	15570.00	48.5 AV	54.0	-5.5	1.43 H	224	29.95	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	5150.00	56.8 PK	74.0	-17.2	2.12 V	145	50.33	6.47
2	5150.00	44.3 AV	54.0	-9.7	2.12 V	145	37.83	6.47
3	*5190.00	95.2 PK			2.12 V	145	88.50	6.70
4	*5190.00	85.1 AV			2.12 V	145	78.40	6.70
5	#10380.00	55.5 PK	74.0	-18.5	1.48 V	335	41.29	14.21
6	#10380.00	43.4 AV	54.0	-10.6	1.48 V	335	29.19	14.21
7	15570.00	62.9 PK	74.0	-11.1	1.47 V	176	44.35	18.55
8	15570.00	49.1 AV	54.0	-4.9	1.47 V	176	30.55	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 46	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5230.00	101.8 PK			1.19 H	301	94.99	6.81
2	*5230.00	90.2 AV			1.19 H	301	83.39	6.81
3	#10460.00	55.8 PK	74.0	-18.2	1.32 H	17	41.75	14.05
4	#10460.00	43.5 AV	54.0	-10.5	1.32 H	17	29.45	14.05
5	15690.00	63.4 PK	74.0	-10.6	1.46 H	240	44.53	18.87
6	15690.00	49.6 AV	54.0	-4.4	1.46 H	240	30.73	18.87
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5230.00	95.4 PK			2.07 V	139	88.59	6.81
2	*5230.00	85.5 AV			2.07 V	139	78.69	6.81
3	#10460.00	56.1 PK	74.0	-17.9	1.50 V	320	42.05	14.05
4	#10460.00	43.7 AV	54.0	-10.3	1.50 V	320	29.65	14.05
5	15690.00	63.6 PK	74.0	-10.4	1.46 V	190	44.73	18.87
6	15690.00	49.6 AV	54.0	-4.4	1.46 V	190	30.73	18.87

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5270.00	101.8 PK			1.22 H	285	94.94	6.86
2	*5270.00	90.2 AV			1.22 H	285	83.34	6.86
3	#10540.00	55.8 PK	74.0	-18.2	1.27 H	0	42.07	13.73
4	#10540.00	43.3 AV	54.0	-10.7	1.27 H	0	29.57	13.73
5	15810.00	62.6 PK	74.0	-11.4	1.40 H	208	43.18	19.42
6	15810.00	49.2 AV	54.0	-4.8	1.40 H	208	29.78	19.42
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	*5270.00	95.4 PK			2.18 V	149	88.54	6.86
2	*5270.00	85.4 AV			2.18 V	149	78.54	6.86
3	#10540.00	55.0 PK	74.0	-19.0	1.53 V	317	41.27	13.73
4	#10540.00	43.5 AV	54.0	-10.5	1.53 V	317	29.77	13.73
5	15810.00	62.7 PK	74.0	-11.3	1.50 V	189	43.28	19.42
6	15810.00	48.8 AV	54.0	-5.2	1.50 V	189	29.38	19.42

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	102.6 PK			1.13 H	295	95.66	6.94
2	*5310.00	91.0 AV			1.13 H	295	84.06	6.94
3	5350.00	60.1 PK	74.0	-13.9	1.13 H	295	53.06	7.04
4	5350.00	45.7 AV	54.0	-8.3	1.13 H	295	38.66	7.04
5	10620.00	55.9 PK	74.0	-18.1	1.22 H	7	42.36	13.54
6	10620.00	43.4 AV	54.0	-10.6	1.22 H	7	29.86	13.54
7	15930.00	63.1 PK	74.0	-10.9	1.47 H	237	44.18	18.92
8	15930.00	49.2 AV	54.0	-4.8	1.47 H	237	30.28	18.92
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	95.1 PK			2.16 V	137	88.16	6.94
2	*5310.00	84.8 AV			2.16 V	137	77.86	6.94
3	5350.00	56.1 PK	74.0	-17.9	2.16 V	137	49.06	7.04
4	5350.00	43.7 AV	54.0	-10.3	2.16 V	137	36.66	7.04
5	10620.00	55.7 PK	74.0	-18.3	1.39 V	314	42.16	13.54
6	10620.00	43.8 AV	54.0	-10.2	1.39 V	314	30.26	13.54
7	15930.00	62.9 PK	74.0	-11.1	1.44 V	203	43.98	18.92
8	15930.00	49.0 AV	54.0	-5.0	1.44 V	203	30.08	18.92

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) 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	#5470.00	62.7 PK	74.0	-11.3	1.10 H	298	55.41	7.29
2	#5470.00	48.3 AV	54.0	-5.7	1.10 H	298	41.01	7.29
3	*5510.00	101.8 PK			1.10 H	298	94.49	7.31
4	*5510.00	90.1 AV			1.10 H	298	82.79	7.31
5	11020.00	55.9 PK	74.0	-18.1	1.31 H	30	41.62	14.28
6	11020.00	43.6 AV	54.0	-10.4	1.31 H	30	29.32	14.28
7	#16530.00	62.0 PK	74.0	-12.0	1.46 H	212	40.77	21.23
8	#16530.00	48.4 AV	54.0	-5.6	1.46 H	212	27.17	21.23
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	57.4 PK	74.0	-16.6	2.14 V	149	50.11	7.29
2	#5470.00	44.9 AV	54.0	-9.1	2.14 V	149	37.61	7.29
3	*5510.00	94.8 PK			2.14 V	149	87.49	7.31
4	*5510.00	84.9 AV			2.14 V	149	77.59	7.31
5	11020.00	55.8 PK	74.0	-18.2	1.38 V	310	41.52	14.28
6	11020.00	43.8 AV	54.0	-10.2	1.38 V	310	29.52	14.28
7	#16530.00	62.2 PK	74.0	-11.8	1.46 V	196	40.97	21.23
8	#16530.00	48.8 AV	54.0	-5.2	1.46 V	196	27.57	21.23

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) 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	*5590.00	101.6 PK			1.10 H	306	94.45	7.15
2	*5590.00	90.1 AV			1.10 H	306	82.95	7.15
3	11180.00	55.6 PK	74.0	-18.4	1.30 H	10	41.13	14.47
4	11180.00	43.3 AV	54.0	-10.7	1.30 H	10	28.83	14.47
5	#16770.00	62.3 PK	74.0	-11.7	1.46 H	241	40.27	22.03
6	#16770.00	48.7 AV	54.0	-5.3	1.46 H	241	26.67	22.03
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	*5590.00	95.1 PK			2.17 V	136	87.95	7.15
2	*5590.00	85.3 AV			2.17 V	136	78.15	7.15
3	11180.00	56.3 PK	74.0	-17.7	1.44 V	304	41.83	14.47
4	11180.00	43.8 AV	54.0	-10.2	1.44 V	304	29.33	14.47
5	#16770.00	62.4 PK	74.0	-11.6	1.44 V	190	40.37	22.03
6	#16770.00	48.6 AV	54.0	-5.4	1.44 V	190	26.57	22.03

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	101.0 PK			1.04 H	302	93.69	7.31
2	*5670.00	90.2 AV			1.04 H	302	82.89	7.31
3	#5725.00	55.1 PK	74.0	-18.9	1.04 H	302	47.72	7.38
4	#5725.00	42.8 AV	54.0	-11.2	1.04 H	302	35.42	7.38
5	11340.00	55.9 PK	74.0	-18.1	1.29 H	22	41.34	14.56
6	11340.00	43.3 AV	54.0	-10.7	1.29 H	22	28.74	14.56
7	#17010.00	62.5 PK	74.0	-11.5	1.36 H	220	39.11	23.39
8	#17010.00	49.0 AV	54.0	-5.0	1.36 H	220	25.61	23.39
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	94.8 PK			2.06 V	141	87.49	7.31
2	*5670.00	84.7 AV			2.06 V	141	77.39	7.31
3	#5725.00	52.1 PK	74.0	-21.9	2.06 V	141	44.72	7.38
4	#5725.00	39.8 AV	54.0	-14.2	2.06 V	141	32.42	7.38
5	11340.00	55.4 PK	74.0	-18.6	1.48 V	336	40.84	14.56
6	11340.00	43.4 AV	54.0	-10.6	1.48 V	336	28.84	14.56
7	#17010.00	63.1 PK	74.0	-10.9	1.55 V	193	39.71	23.39
8	#17010.00	49.1 AV	54.0	-4.9	1.55 V	193	25.71	23.39

REMARKS:

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

CHANNEL	TX Channel 142	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5710.00	100.6 PK			1.02 H	271	93.21	7.39
2	*5710.00	90.1 AV			1.02 H	271	82.71	7.39
3	#5850.00	52.4 PK	78.2	-25.8	1.00 H	276	45.15	7.25
4	11420.00	55.6 PK	74.0	-18.4	1.29 H	32	40.81	14.79
5	11420.00	43.3 AV	54.0	-10.7	1.29 H	32	28.51	14.79
6	#17130.00	61.2 PK	74.0	-12.8	1.35 H	204	37.89	23.31
7	#17130.00	47.9 AV	54.0	-6.1	1.35 H	204	24.59	23.31
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	*5710.00	94.6 PK			2.09 V	139	87.21	7.39
2	*5710.00	84.7 AV			2.09 V	139	77.31	7.39
3	#5850.00	51.4 PK	78.2	-26.8	2.11 V	143	44.15	7.25
4	11420.00	55.6 PK	74.0	-18.4	1.42 V	338	40.81	14.79
5	11420.00	43.6 AV	54.0	-10.4	1.42 V	338	28.81	14.79
6	#17130.00	62.8 PK	74.0	-11.2	1.57 V	199	39.49	23.31
7	#17130.00	48.9 AV	54.0	-5.1	1.57 V	199	25.59	23.31

REMARKS:

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

CHANNEL	TX Channel 151	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	66.6 PK	74.0	-7.4	1.29 H	314	59.22	7.38
2	**#5715.00**	**50.5 AV**	**54.0**	**-3.5**	**1.29 H**	**314**	**43.12**	**7.38**
3	#5725.00	68.4 PK	78.2	-9.8	1.28 H	314	61.02	7.38
4	*5755.00	100.8 PK			1.29 H	314	93.42	7.38
5	*5755.00	89.8 AV			1.29 H	314	82.42	7.38
6	11510.00	55.7 PK	74.0	-18.3	1.17 H	29	41.20	14.50
7	11510.00	43.5 AV	54.0	-10.5	1.17 H	29	29.00	14.50
8	#17265.00	62.3 PK	74.0	-11.7	1.44 H	201	38.78	23.52
9	#17265.00	48.6 AV	54.0	-5.4	1.44 H	201	25.08	23.52
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	62.1 PK	74.0	-11.9	2.11 V	160	54.72	7.38
2	#5715.00	46.8 AV	54.0	-7.2	2.11 V	160	39.42	7.38
3	#5725.00	65.1 PK	78.2	-13.1	2.11 V	160	57.72	7.38
4	*5755.00	94.6 PK			2.11 V	160	87.22	7.38
5	*5755.00	84.8 AV			2.11 V	160	77.42	7.38
6	11510.00	55.4 PK	74.0	-18.6	1.48 V	345	40.90	14.50
7	11510.00	43.6 AV	54.0	-10.4	1.48 V	345	29.10	14.50
8	#17265.00	63.1 PK	74.0	-10.9	1.49 V	186	39.58	23.52
9	#17265.00	49.1 AV	54.0	-4.9	1.49 V	186	25.58	23.52

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) 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	*5795.00	100.5 PK			1.19 H	312	93.12	7.38
2	*5795.00	89.6 AV			1.19 H	312	82.22	7.38
3	#5850.00	58.1 PK	78.2	-20.1	1.19 H	312	50.85	7.25
4	#5860.00	56.7 PK	74.0	-17.3	1.19 H	312	49.48	7.22
5	#5860.00	43.5 AV	54.0	-10.5	1.19 H	312	36.28	7.22
6	11590.00	55.7 PK	74.0	-18.3	1.25 H	23	41.09	14.61
7	11590.00	42.9 AV	54.0	-11.1	1.25 H	23	28.29	14.61
8	#17385.00	62.1 PK	74.0	-11.9	1.39 H	216	37.61	24.49
9	#17385.00	48.7 AV	54.0	-5.3	1.39 H	216	24.21	24.49
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	95.1 PK			2.07 V	147	87.72	7.38
2	*5795.00	85.3 AV			2.07 V	147	77.92	7.38
3	#5850.00	54.2 PK	78.2	-24.0	2.07 V	147	46.95	7.25
4	#5860.00	52.8 PK	74.0	-21.2	2.07 V	147	45.58	7.22
5	#5860.00	39.9 AV	54.0	-14.1	2.07 V	147	32.68	7.22
6	11590.00	55.2 PK	74.0	-18.8	1.39 V	328	40.59	14.61
7	11590.00	43.6 AV	54.0	-10.4	1.39 V	328	28.99	14.61
8	#17385.00	62.4 PK	74.0	-11.6	1.48 V	209	37.91	24.49
9	#17385.00	49.0 AV	54.0	-5.0	1.48 V	209	24.51	24.49

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.

802.11ac (VHT80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	62.4 PK	74.0	-11.6	1.26 H	303	55.93	6.47
2	5150.00	49.1 AV	54.0	-4.9	1.26 H	303	42.63	6.47
3	*5210.00	99.4 PK			1.26 H	303	92.62	6.78
4	*5210.00	87.6 AV			1.26 H	303	80.82	6.78
5	#10420.00	56.2 PK	74.0	-17.8	1.36 H	20	42.05	14.15
6	#10420.00	43.5 AV	54.0	-10.5	1.36 H	20	29.35	14.15
7	15630.00	62.7 PK	74.0	-11.3	1.38 H	205	44.18	18.52
8	15630.00	49.3 AV	54.0	-4.7	1.38 H	205	30.78	18.52
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	5150.00	55.4 PK	74.0	-18.6	2.09 V	130	48.93	6.47
2	5150.00	43.6 AV	54.0	-10.4	2.09 V	130	37.13	6.47
3	*5210.00	94.1 PK			2.09 V	130	87.32	6.78
4	*5210.00	82.4 AV			2.09 V	130	75.62	6.78
5	#10420.00	55.6 PK	74.0	-18.4	1.54 V	317	41.45	14.15
6	#10420.00	43.6 AV	54.0	-10.4	1.54 V	317	29.45	14.15
7	15630.00	63.5 PK	74.0	-10.5	1.44 V	205	44.98	18.52
8	15630.00	49.4 AV	54.0	-4.6	1.44 V	205	30.88	18.52

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5290.00	100.6 PK			1.29 H	311	93.71	6.89
2	*5290.00	88.1 AV			1.29 H	311	81.21	6.89
3	5350.00	60.7 PK	74.0	-13.3	1.29 H	311	53.66	7.04
4	5350.00	47.1 AV	54.0	-6.9	1.29 H	311	40.06	7.04
5	#10580.00	55.7 PK	74.0	-18.3	1.26 H	19	42.17	13.53
6	#10580.00	43.4 AV	54.0	-10.6	1.26 H	19	29.87	13.53
7	15870.00	63.0 PK	74.0	-11.0	1.45 H	211	43.85	19.15
8	15870.00	49.4 AV	54.0	-4.6	1.45 H	211	30.25	19.15
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	*5290.00	93.8 PK			2.03 V	118	86.91	6.89
2	*5290.00	82.1 AV			2.03 V	118	75.21	6.89
3	5350.00	55.9 PK	74.0	-18.1	2.03 V	118	48.86	7.04
4	5350.00	44.2 AV	54.0	-9.8	2.03 V	118	37.16	7.04
5	#10580.00	55.6 PK	74.0	-18.4	1.50 V	319	42.07	13.53
6	#10580.00	43.3 AV	54.0	-10.7	1.50 V	319	29.77	13.53
7	15870.00	62.7 PK	74.0	-11.3	1.52 V	205	43.55	19.15
8	15870.00	48.5 AV	54.0	-5.5	1.52 V	205	29.35	19.15

REMARKS:

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

CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	60.3 PK	74.0	-13.7	1.35 H	320	53.01	7.29
2	#5470.00	48.1 AV	54.0	-5.9	1.35 H	320	40.81	7.29
3	*5530.00	99.3 PK			1.35 H	320	92.03	7.27
4	*5530.00	88.0 AV			1.35 H	320	80.73	7.27
5	11060.00	56.0 PK	74.0	-18.0	1.34 H	7	41.65	14.35
6	11060.00	43.7 AV	54.0	-10.3	1.34 H	7	29.35	14.35
7	#16590.00	62.1 PK	74.0	-11.9	1.44 H	218	40.36	21.74
8	#16590.00	48.4 AV	54.0	-5.6	1.44 H	218	26.66	21.74
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	55.6 PK	74.0	-18.4	2.07 V	137	48.31	7.29
2	#5470.00	44.0 AV	54.0	-10.0	2.07 V	137	36.71	7.29
3	*5530.00	94.4 PK			2.07 V	137	87.13	7.27
4	*5530.00	82.7 AV			2.07 V	137	75.43	7.27
5	11060.00	55.0 PK	74.0	-19.0	1.46 V	329	40.65	14.35
6	11060.00	43.1 AV	54.0	-10.9	1.46 V	329	28.75	14.35
7	#16590.00	62.4 PK	74.0	-11.6	1.50 V	205	40.66	21.74
8	#16590.00	48.7 AV	54.0	-5.3	1.50 V	205	26.96	21.74

REMARKS:

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

CHANNEL	TX Channel 122	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	101.1 PK			1.25 H	320	93.95	7.15
2	*5610.00	88.3 AV			1.25 H	320	81.15	7.15
3	#5725.00	55.1 PK	74.0	-18.9	1.25 H	320	47.72	7.38
4	#5725.00	42.1 AV	54.0	-11.9	1.25 H	320	34.72	7.38
5	11220.00	55.5 PK	74.0	-18.5	1.33 H	6	41.06	14.44
6	11220.00	43.2 AV	54.0	-10.8	1.33 H	6	28.76	14.44
7	#16830.00	62.4 PK	74.0	-11.6	1.46 H	215	40.22	22.18
8	#16830.00	49.5 AV	54.0	-4.5	1.46 H	215	27.32	22.18
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	*5610.00	94.2 PK			2.04 V	135	87.05	7.15
2	*5610.00	82.6 AV			2.04 V	135	75.45	7.15
3	#5725.00	52.4 PK	74.0	-21.6	2.04 V	135	45.02	7.38
4	#5725.00	39.7 AV	54.0	-14.3	2.04 V	135	32.32	7.38
5	11220.00	54.3 PK	74.0	-19.7	1.53 V	313	39.86	14.44
6	11220.00	42.5 AV	54.0	-11.5	1.53 V	313	28.06	14.44
7	#16830.00	62.8 PK	74.0	-11.2	1.54 V	187	40.62	22.18
8	#16830.00	49.2 AV	54.0	-4.8	1.54 V	187	27.02	22.18

REMARKS:

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

CHANNEL	TX Channel 138	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5690.00	101.3 PK			1.24 H	330	93.93	7.37
2	*5690.00	88.7 AV			1.24 H	330	81.33	7.37
3	#5850.00	53.4 PK	78.2	-24.8	1.21 H	315	46.15	7.25
4	11380.00	55.5 PK	74.0	-18.5	1.31 H	7	40.74	14.76
5	11380.00	43.0 AV	54.0	-11.0	1.31 H	7	28.24	14.76
6	#17070.00	62.1 PK	74.0	-11.9	1.42 H	204	38.97	23.13
7	#17070.00	49.3 AV	54.0	-4.7	1.42 H	204	26.17	23.13
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	*5690.00	94.0 PK			2.00 V	123	86.63	7.37
2	*5690.00	82.4 AV			2.00 V	123	75.03	7.37
3	#5850.00	51.8 PK	78.2	-26.4	2.07 V	128	44.55	7.25
4	11380.00	54.1 PK	74.0	-19.9	1.50 V	324	39.34	14.76
5	11380.00	42.0 AV	54.0	-12.0	1.50 V	324	27.24	14.76
6	#17070.00	62.6 PK	74.0	-11.4	1.57 V	172	39.47	23.13
7	#17070.00	48.8 AV	54.0	-5.2	1.57 V	172	25.67	23.13

REMARKS:

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

CHANNEL	TX Channel 155	DETECTOR FUNCTION	Peak (PK)
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	64.1 PK	74.0	-9.9	1.34 H	320	56.72	7.38
2	#5715.00	50.2 AV	54.0	-3.8	1.34 H	320	42.82	7.38
3	#5725.00	64.8 PK	78.2	-13.4	1.34 H	320	57.42	7.38
4	*5775.00	99.5 PK			1.34 H	320	92.12	7.38
5	*5775.00	87.7 AV			1.34 H	320	80.32	7.38
6	#5850.00	56.0 PK	78.2	-22.2	1.34 H	320	48.75	7.25
7	#5860.00	57.6 PK	74.0	-16.4	1.34 H	320	50.38	7.22
8	#5860.00	42.6 AV	54.0	-11.4	1.34 H	320	35.38	7.22
9	11550.00	56.3 PK	74.0	-17.7	1.24 H	34	41.75	14.55
10	11550.00	43.7 AV	54.0	-10.3	1.24 H	34	29.15	14.55
11	#17325.00	62.5 PK	74.0	-11.5	1.41 H	225	38.88	23.62
12	#17325.00	49.1 AV	54.0	-4.9	1.41 H	225	25.48	23.62
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	58.2 PK	74.0	-15.8	2.08 V	136	50.82	7.38
2	#5715.00	45.1 AV	54.0	-8.9	2.08 V	136	37.72	7.38
3	#5725.00	59.8 PK	78.2	-18.4	2.08 V	136	52.42	7.38
4	*5775.00	93.6 PK			2.08 V	136	86.22	7.38
5	*5775.00	82.1 AV			2.08 V	136	74.72	7.38
6	#5850.00	50.9 PK	78.2	-27.3	2.08 V	136	43.65	7.25
7	#5860.00	52.1 PK	74.0	-21.9	2.08 V	136	44.88	7.22
8	#5860.00	37.5 AV	54.0	-16.5	2.08 V	136	30.28	7.22
9	11550.00	55.6 PK	74.0	-18.4	1.44 V	333	41.05	14.55
10	11550.00	43.7 AV	54.0	-10.3	1.44 V	333	29.15	14.55
11	#17325.00	63.3 PK	74.0	-10.7	1.55 V	192	39.68	23.62
12	#17325.00	49.3 AV	54.0	-4.7	1.55 V	192	25.68	23.62

REMARKS:

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

Below 1GHz Data

CHANNEL	TX Channel 100	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	61.21	30.2 QP	40.0	-9.8	1.42 H	301	44.24	-14.00
2	165.75	37.1 QP	43.5	-6.4	1.45 H	201	50.39	-13.28
3	232.41	38.4 QP	46.0	-7.6	1.24 H	211	53.64	-15.23
4	752.31	42.2 QP	46.0	-3.8	1.24 H	211	43.38	-1.17
5	817.51	41.2 QP	46.0	-4.8	1.34 H	241	41.47	-0.26
6	841.21	40.4 QP	46.0	-5.6	1.64 H	301	40.54	-0.13
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	61.76	34.5 QP	40.0	-5.5	1.24 V	64	48.75	-14.21
2	165.77	34.7 QP	43.5	-8.8	1.24 V	200	47.99	-13.28
3	676.51	42.6 QP	46.0	-3.4	1.42 V	211	45.74	-3.10
4	753.24	41.0 QP	46.0	-5.0	1.88 V	99	42.15	-1.14
5	768.71	39.5 QP	46.0	-6.5	1.62 V	64	40.59	-1.07
6	818.71	40.2 QP	46.0	-5.8	1.24 V	64	40.44	-0.23

REMARKS:

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

4.1.8 Test Results (Mode 2)

Above 1GHz Data

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	61.8 PK	74.0	-12.2	2.11 H	274	55.33	6.47
2	5150.00	47.6 AV	54.0	-6.4	2.11 H	274	41.13	6.47
3	*5180.00	105.2 PK			2.11 H	274	98.55	6.65
4	*5180.00	95.3 AV			2.11 H	274	88.65	6.65
5	#10360.00	55.7 PK	74.0	-18.3	1.31 H	101	41.49	14.21
6	#10360.00	43.0 AV	54.0	-11.0	1.31 H	101	28.79	14.21
7	15540.00	63.2 PK	74.0	-10.8	1.47 H	220	44.44	18.76
8	15540.00	49.5 AV	54.0	-4.5	1.47 H	220	30.74	18.76
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	5150.00	57.3 PK	74.0	-16.7	1.08 V	68	50.83	6.47
2	5150.00	44.3 AV	54.0	-9.7	1.08 V	68	37.83	6.47
3	*5180.00	93.9 PK			1.08 V	68	87.25	6.65
4	*5180.00	83.8 AV			1.08 V	68	77.15	6.65
5	#10360.00	54.5 PK	74.0	-19.5	1.37 V	333	40.29	14.21
6	#10360.00	42.8 AV	54.0	-11.2	1.37 V	333	28.59	14.21
7	15540.00	63.1 PK	74.0	-10.9	1.51 V	184	44.34	18.76
8	15540.00	49.2 AV	54.0	-4.8	1.51 V	184	30.44	18.76

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	105.0 PK			2.12 H	278	98.23	6.77
2	*5200.00	94.9 AV			2.12 H	278	88.13	6.77
3	#10400.00	54.8 PK	74.0	-19.2	1.26 H	85	40.58	14.22
4	#10400.00	42.7 AV	54.0	-11.3	1.26 H	85	28.48	14.22
5	15600.00	63.0 PK	74.0	-11.0	1.40 H	231	44.66	18.34
6	15600.00	49.4 AV	54.0	-4.6	1.40 H	231	31.06	18.34
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	93.7 PK			1.00 V	59	86.93	6.77
2	*5200.00	83.5 AV			1.00 V	59	76.73	6.77
3	#10400.00	55.3 PK	74.0	-18.7	1.46 V	319	41.08	14.22
4	#10400.00	43.5 AV	54.0	-10.5	1.46 V	319	29.28	14.22
5	15600.00	63.2 PK	74.0	-10.8	1.47 V	181	44.86	18.34
6	15600.00	48.9 AV	54.0	-5.1	1.47 V	181	30.56	18.34

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	104.5 PK			2.04 H	271	97.68	6.82
2	*5240.00	94.6 AV			2.04 H	271	87.78	6.82
3	#10480.00	55.8 PK	74.0	-18.2	1.25 H	100	41.81	13.99
4	#10480.00	43.4 AV	54.0	-10.6	1.25 H	100	29.41	13.99
5	15720.00	63.1 PK	74.0	-10.9	1.40 H	203	44.07	19.03
6	15720.00	49.2 AV	54.0	-4.8	1.40 H	203	30.17	19.03
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	93.2 PK			1.11 V	65	86.38	6.82
2	*5240.00	83.0 AV			1.11 V	65	76.18	6.82
3	#10480.00	55.1 PK	74.0	-18.9	1.50 V	334	41.11	13.99
4	#10480.00	43.1 AV	54.0	-10.9	1.50 V	334	29.11	13.99
5	15720.00	62.5 PK	74.0	-11.5	1.50 V	204	43.47	19.03
6	15720.00	48.9 AV	54.0	-5.1	1.50 V	204	29.87	19.03

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5260.00	105.7 PK			2.17 H	249	98.85	6.85
2	*5260.00	95.7 AV			2.17 H	249	88.85	6.85
3	#10520.00	56.2 PK	74.0	-17.8	1.26 H	76	42.37	13.83
4	#10520.00	43.8 AV	54.0	-10.2	1.26 H	76	29.97	13.83
5	15780.00	61.9 PK	74.0	-12.1	1.36 H	235	42.54	19.36
6	15780.00	48.6 AV	54.0	-5.4	1.36 H	235	29.24	19.36
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	94.0 PK			1.12 V	66	87.15	6.85
2	*5260.00	83.8 AV			1.12 V	66	76.95	6.85
3	#10520.00	54.8 PK	74.0	-19.2	1.50 V	333	40.97	13.83
4	#10520.00	42.9 AV	54.0	-11.1	1.50 V	333	29.07	13.83
5	15780.00	63.1 PK	74.0	-10.9	1.50 V	181	43.74	19.36
6	15780.00	49.6 AV	54.0	-4.4	1.50 V	181	30.24	19.36

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	104.6 PK			2.02 H	278	97.70	6.90
2	*5300.00	94.9 AV			2.02 H	278	88.00	6.90
3	10600.00	55.1 PK	74.0	-18.9	1.34 H	97	41.66	13.44
4	10600.00	43.2 AV	54.0	-10.8	1.34 H	97	29.76	13.44
5	15900.00	62.1 PK	74.0	-11.9	1.42 H	218	43.09	19.01
6	15900.00	48.6 AV	54.0	-5.4	1.42 H	218	29.59	19.01
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	*5300.00	94.0 PK			1.10 V	69	87.10	6.90
2	*5300.00	83.7 AV			1.10 V	69	76.80	6.90
3	10600.00	55.2 PK	74.0	-18.8	1.39 V	342	41.76	13.44
4	10600.00	43.0 AV	54.0	-11.0	1.39 V	342	29.56	13.44
5	15900.00	63.0 PK	74.0	-11.0	1.47 V	194	43.99	19.01
6	15900.00	48.9 AV	54.0	-5.1	1.47 V	194	29.89	19.01

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	104.5 PK			2.05 H	255	97.53	6.97
2	*5320.00	95.1 AV			2.05 H	255	88.13	6.97
3	5350.00	62.0 PK	74.0	-12.0	2.05 H	255	54.96	7.04
4	5350.00	47.6 AV	54.0	-6.4	2.05 H	255	40.56	7.04
5	10640.00	56.1 PK	74.0	-17.9	1.26 H	114	42.43	13.67
6	10640.00	43.4 AV	54.0	-10.6	1.26 H	114	29.73	13.67
7	15960.00	62.5 PK	74.0	-11.5	1.43 H	214	43.66	18.84
8	15960.00	48.6 AV	54.0	-5.4	1.43 H	214	29.76	18.84
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	*5320.00	94.0 PK			1.03 V	55	87.03	6.97
2	*5320.00	84.1 AV			1.03 V	55	77.13	6.97
3	5350.00	56.9 PK	74.0	-17.1	1.03 V	55	49.86	7.04
4	5350.00	43.9 AV	54.0	-10.1	1.03 V	55	36.86	7.04
5	10640.00	55.0 PK	74.0	-19.0	1.44 V	315	41.33	13.67
6	10640.00	43.3 AV	54.0	-10.7	1.44 V	315	29.63	13.67
7	15960.00	62.7 PK	74.0	-11.3	1.48 V	193	43.86	18.84
8	15960.00	48.8 AV	54.0	-5.2	1.48 V	193	29.96	18.84

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	55.3 PK	74.0	-18.7	1.38 H	51	48.01	7.29
2	#5470.00	44.2 AV	54.0	-9.8	1.38 H	51	36.91	7.29
3	*5500.00	105.2 PK			2.11 H	247	97.87	7.33
4	*5500.00	95.6 AV			2.11 H	247	88.27	7.33
5	11000.00	56.0 PK	74.0	-18.0	1.35 H	102	41.77	14.23
6	11000.00	43.7 AV	54.0	-10.3	1.35 H	102	29.47	14.23
7	#16500.00	62.2 PK	74.0	-11.8	1.45 H	215	41.23	20.97
8	#16500.00	48.5 AV	54.0	-5.5	1.45 H	215	27.53	20.97
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	#5470.00	57.1 PK	74.0	-16.9	1.01 V	65	49.81	7.29
2	#5470.00	43.9 AV	54.0	-10.1	1.01 V	65	36.61	7.29
3	*5500.00	93.6 PK			1.01 V	65	86.27	7.33
4	*5500.00	83.6 AV			1.01 V	65	76.27	7.33
5	11000.00	55.9 PK	74.0	-18.1	1.46 V	315	41.67	14.23
6	11000.00	43.6 AV	54.0	-10.4	1.46 V	315	29.37	14.23
7	#16500.00	63.4 PK	74.0	-10.6	1.47 V	192	42.43	20.97
8	#16500.00	49.4 AV	54.0	-4.6	1.47 V	192	28.43	20.97

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.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 120	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	*5600.00	104.6 PK			2.03 H	254	97.47	7.13
2	*5600.00	94.6 AV			2.03 H	254	87.47	7.13
3	11200.00	55.9 PK	74.0	-18.1	1.31 H	89	41.43	14.47
4	11200.00	43.6 AV	54.0	-10.4	1.31 H	89	29.13	14.47
5	#16800.00	62.7 PK	74.0	-11.3	1.49 H	222	40.60	22.10
6	#16800.00	49.2 AV	54.0	-4.8	1.49 H	222	27.10	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	*5600.00	93.1 PK			1.00 V	83	85.97	7.13
2	*5600.00	83.2 AV			1.00 V	83	76.07	7.13
3	11200.00	55.2 PK	74.0	-18.8	1.52 V	332	40.73	14.47
4	11200.00	43.2 AV	54.0	-10.8	1.52 V	332	28.73	14.47
5	#16800.00	63.6 PK	74.0	-10.4	1.45 V	183	41.50	22.10
6	#16800.00	49.4 AV	54.0	-4.6	1.45 V	183	27.30	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	104.7 PK			2.08 H	243	97.31	7.39
2	*5700.00	95.1 AV			2.08 H	243	87.71	7.39
3	#5725.00	61.1 PK	74.0	-12.9	2.08 H	243	53.72	7.38
4	#5725.00	47.6 AV	54.0	-6.4	2.08 H	243	40.22	7.38
5	11400.00	55.6 PK	74.0	-18.4	1.28 H	108	40.74	14.86
6	11400.00	42.7 AV	54.0	-11.3	1.28 H	108	27.84	14.86
7	#17100.00	61.3 PK	74.0	-12.7	1.43 H	225	38.31	22.99
8	#17100.00	48.1 AV	54.0	-5.9	1.43 H	225	25.11	22.99
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	*5700.00	92.9 PK			1.06 V	75	85.51	7.39
2	*5700.00	83.3 AV			1.06 V	75	75.91	7.39
3	#5725.00	56.2 PK	74.0	-17.8	1.06 V	75	48.82	7.38
4	#5725.00	43.5 AV	54.0	-10.5	1.06 V	75	36.12	7.38
5	11400.00	55.5 PK	74.0	-18.5	1.45 V	315	40.64	14.86
6	11400.00	43.1 AV	54.0	-10.9	1.45 V	315	28.24	14.86
7	#17100.00	62.1 PK	74.0	-11.9	1.45 V	185	39.11	22.99
8	#17100.00	48.2 AV	54.0	-5.8	1.45 V	185	25.21	22.99

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	104.8 PK			2.06 H	250	97.41	7.39
2	*5720.00	95.1 AV			2.06 H	250	87.71	7.39
3	#5850.00	53.2 PK	78.2	-25.0	2.12 H	252	45.95	7.25
4	11440.00	55.4 PK	74.0	-18.6	1.24 H	114	40.68	14.72
5	11440.00	42.4 AV	54.0	-11.6	1.24 H	114	27.68	14.72
6	#17160.00	61.1 PK	74.0	-12.9	1.46 H	223	37.48	23.62
7	#17160.00	47.7 AV	54.0	-6.3	1.46 H	223	24.08	23.62
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	*5720.00	92.9 PK			1.06 V	66	85.51	7.39
2	*5720.00	83.1 AV			1.06 V	66	75.71	7.39
3	#5850.00	52.7 PK	78.2	-25.5	1.11 V	81	45.45	7.25
4	11440.00	55.5 PK	74.0	-18.5	1.40 V	303	40.78	14.72
5	11440.00	42.9 AV	54.0	-11.1	1.40 V	303	28.18	14.72
6	#17160.00	61.7 PK	74.0	-12.3	1.41 V	190	38.08	23.62
7	#17160.00	47.9 AV	54.0	-6.1	1.41 V	190	24.28	23.62

REMARKS:

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

CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	62.2 PK	74.0	-11.8	2.11 H	267	54.82	7.38
2	#5715.00	47.9 AV	54.0	-6.1	2.11 H	267	40.52	7.38
3	#5725.00	65.8 PK	78.2	-12.4	2.11 H	267	58.42	7.38
4	*5745.00	105.2 PK			2.11 H	267	97.82	7.38
5	*5745.00	95.8 AV			2.11 H	267	88.42	7.38
6	11490.00	56.2 PK	74.0	-17.8	1.35 H	84	41.68	14.52
7	11490.00	43.6 AV	54.0	-10.4	1.35 H	84	29.08	14.52
8	#17235.00	62.3 PK	74.0	-11.7	1.38 H	234	38.54	23.76
9	#17235.00	48.8 AV	54.0	-5.2	1.38 H	234	25.04	23.76
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	57.3 PK	74.0	-16.7	1.00 V	71	49.92	7.38
2	#5715.00	44.2 AV	54.0	-9.8	1.00 V	71	36.82	7.38
3	#5725.00	62.7 PK	78.2	-15.5	1.00 V	71	55.32	7.38
4	*5745.00	93.8 PK			1.00 V	71	86.42	7.38
5	*5745.00	84.0 AV			1.00 V	71	76.62	7.38
6	11490.00	54.8 PK	74.0	-19.2	1.44 V	328	40.28	14.52
7	11490.00	43.1 AV	54.0	-10.9	1.44 V	328	28.58	14.52
8	#17235.00	63.2 PK	74.0	-10.8	1.51 V	188	39.44	23.76
9	#17235.00	49.1 AV	54.0	-4.9	1.51 V	188	25.34	23.76

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5785.00	104.3 PK			2.08 H	261	96.92	7.38
2	*5785.00	94.8 AV			2.08 H	261	87.42	7.38
3	11570.00	55.2 PK	74.0	-18.8	1.26 H	77	40.63	14.57
4	11570.00	42.5 AV	54.0	-11.5	1.26 H	77	27.93	14.57
5	#17355.00	62.3 PK	74.0	-11.7	1.41 H	212	38.24	24.06
6	#17355.00	48.8 AV	54.0	-5.2	1.41 H	212	24.74	24.06
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	*5785.00	93.8 PK			1.03 V	80	86.42	7.38
2	*5785.00	83.5 AV			1.03 V	80	76.12	7.38
3	11570.00	56.3 PK	74.0	-17.7	1.46 V	311	41.73	14.57
4	11570.00	43.9 AV	54.0	-10.1	1.46 V	311	29.33	14.57
5	#17355.00	63.4 PK	74.0	-10.6	1.48 V	201	39.34	24.06
6	#17355.00	49.7 AV	54.0	-4.3	1.48 V	201	25.64	24.06

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5825.00	104.2 PK			2.14 H	271	96.89	7.31
2	*5825.00	94.9 AV			2.14 H	271	87.59	7.31
3	#5850.00	65.4 PK	78.2	-12.8	2.14 H	271	58.15	7.25
4	#5860.00	62.1 PK	74.0	-11.9	2.14 H	271	54.88	7.22
5	#5860.00	48.2 AV	54.0	-5.8	2.14 H	271	40.98	7.22
6	11650.00	56.4 PK	74.0	-17.6	1.36 H	106	41.73	14.67
7	11650.00	43.8 AV	54.0	-10.2	1.36 H	106	29.13	14.67
8	#17475.00	62.0 PK	74.0	-12.0	1.38 H	230	37.98	24.02
9	#17475.00	48.8 AV	54.0	-5.2	1.38 H	230	24.78	24.02
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	93.5 PK			1.00 V	41	86.19	7.31
2	*5825.00	83.5 AV			1.00 V	41	76.19	7.31
3	#5850.00	62.7 PK	78.2	-15.5	1.00 V	41	55.45	7.25
4	#5860.00	57.2 PK	74.0	-16.8	1.00 V	41	49.98	7.22
5	#5860.00	44.1 AV	54.0	-9.9	1.00 V	41	36.88	7.22
6	11650.00	55.1 PK	74.0	-18.9	1.44 V	332	40.43	14.67
7	11650.00	42.8 AV	54.0	-11.2	1.44 V	332	28.13	14.67
8	#17475.00	62.4 PK	74.0	-11.6	1.50 V	190	38.38	24.02
9	#17475.00	48.7 AV	54.0	-5.3	1.50 V	190	24.68	24.02

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.

802.11ac (VHT20)

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	62.0 PK	74.0	-12.0	2.00 H	250	55.53	6.47
2	5150.00	47.8 AV	54.0	-6.2	2.00 H	250	41.33	6.47
3	*5180.00	103.1 PK			2.00 H	250	96.45	6.65
4	*5180.00	93.9 AV			2.00 H	250	87.25	6.65
5	#10360.00	55.6 PK	74.0	-18.4	1.34 H	100	41.39	14.21
6	#10360.00	43.1 AV	54.0	-10.9	1.34 H	100	28.89	14.21
7	15540.00	62.0 PK	74.0	-12.0	1.41 H	220	43.24	18.76
8	15540.00	48.5 AV	54.0	-5.5	1.41 H	220	29.74	18.76
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	5150.00	56.8 PK	74.0	-17.2	1.00 V	80	50.33	6.47
2	5150.00	43.7 AV	54.0	-10.3	1.00 V	80	37.23	6.47
3	*5180.00	92.7 PK			1.00 V	80	86.05	6.65
4	*5180.00	82.7 AV			1.00 V	80	76.05	6.65
5	#10360.00	55.9 PK	74.0	-18.1	1.45 V	330	41.69	14.21
6	#10360.00	43.9 AV	54.0	-10.1	1.45 V	330	29.69	14.21
7	15540.00	62.3 PK	74.0	-11.7	1.44 V	199	43.54	18.76
8	15540.00	48.7 AV	54.0	-5.3	1.44 V	199	29.94	18.76

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	103.5 PK			2.03 H	243	96.73	6.77
2	*5200.00	94.3 AV			2.03 H	243	87.53	6.77
3	#10400.00	55.2 PK	74.0	-18.8	1.19 H	110	40.98	14.22
4	#10400.00	42.7 AV	54.0	-11.3	1.19 H	110	28.48	14.22
5	15600.00	61.9 PK	74.0	-12.1	1.43 H	206	43.56	18.34
6	15600.00	48.3 AV	54.0	-5.7	1.43 H	206	29.96	18.34
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	92.6 PK			1.00 V	78	85.83	6.77
2	*5200.00	82.8 AV			1.00 V	78	76.03	6.77
3	#10400.00	55.1 PK	74.0	-18.9	1.49 V	338	40.88	14.22
4	#10400.00	43.1 AV	54.0	-10.9	1.49 V	338	28.88	14.22
5	15600.00	62.1 PK	74.0	-11.9	1.42 V	176	43.76	18.34
6	15600.00	48.5 AV	54.0	-5.5	1.42 V	176	30.16	18.34

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	102.7 PK			2.02 H	252	95.88	6.82
2	*5240.00	93.7 AV			2.02 H	252	86.88	6.82
3	#10480.00	56.0 PK	74.0	-18.0	1.32 H	86	42.01	13.99
4	#10480.00	43.4 AV	54.0	-10.6	1.32 H	86	29.41	13.99
5	15720.00	63.0 PK	74.0	-11.0	1.44 H	215	43.97	19.03
6	15720.00	49.1 AV	54.0	-4.9	1.44 H	215	30.07	19.03
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	91.5 PK			1.00 V	68	84.68	6.82
2	*5240.00	81.7 AV			1.00 V	68	74.88	6.82
3	#10480.00	56.0 PK	74.0	-18.0	1.47 V	307	42.01	13.99
4	#10480.00	43.9 AV	54.0	-10.1	1.47 V	307	29.91	13.99
5	15720.00	62.0 PK	74.0	-12.0	1.36 V	203	42.97	19.03
6	15720.00	48.5 AV	54.0	-5.5	1.36 V	203	29.47	19.03

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5260.00	102.9 PK			2.04 H	262	96.05	6.85
2	*5260.00	93.4 AV			2.04 H	262	86.55	6.85
3	#10520.00	56.2 PK	74.0	-17.8	1.28 H	105	42.37	13.83
4	#10520.00	43.8 AV	54.0	-10.2	1.28 H	105	29.97	13.83
5	15780.00	62.0 PK	74.0	-12.0	1.46 H	216	42.64	19.36
6	15780.00	48.4 AV	54.0	-5.6	1.46 H	216	29.04	19.36
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	92.2 PK			1.00 V	75	85.35	6.85
2	*5260.00	82.0 AV			1.00 V	75	75.15	6.85
3	#10520.00	56.4 PK	74.0	-17.6	1.43 V	322	42.57	13.83
4	#10520.00	44.2 AV	54.0	-9.8	1.43 V	322	30.37	13.83
5	15780.00	62.4 PK	74.0	-11.6	1.48 V	187	43.04	19.36
6	15780.00	48.6 AV	54.0	-5.4	1.48 V	187	29.24	19.36

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	102.5 PK			1.97 H	236	95.60	6.90
2	*5300.00	93.9 AV			1.97 H	236	87.00	6.90
3	10600.00	56.5 PK	74.0	-17.5	1.25 H	110	43.06	13.44
4	10600.00	43.8 AV	54.0	-10.2	1.25 H	110	30.36	13.44
5	15900.00	62.9 PK	74.0	-11.1	1.37 H	237	43.89	19.01
6	15900.00	49.0 AV	54.0	-5.0	1.37 H	237	29.99	19.01
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	*5300.00	92.6 PK			1.00 V	71	85.70	6.90
2	*5300.00	82.5 AV			1.00 V	71	75.60	6.90
3	10600.00	55.6 PK	74.0	-18.4	1.46 V	346	42.16	13.44
4	10600.00	43.8 AV	54.0	-10.2	1.46 V	346	30.36	13.44
5	15900.00	61.7 PK	74.0	-12.3	1.46 V	198	42.69	19.01
6	15900.00	48.2 AV	54.0	-5.8	1.46 V	198	29.19	19.01

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	102.9 PK			1.95 H	259	95.93	6.97
2	*5320.00	93.8 AV			1.95 H	259	86.83	6.97
3	5350.00	61.8 PK	74.0	-12.2	1.95 H	259	54.76	7.04
4	5350.00	47.7 AV	54.0	-6.3	1.95 H	259	40.66	7.04
5	10640.00	55.1 PK	74.0	-18.9	1.27 H	85	41.43	13.67
6	10640.00	43.0 AV	54.0	-11.0	1.27 H	85	29.33	13.67
7	15960.00	62.3 PK	74.0	-11.7	1.36 H	233	43.46	18.84
8	15960.00	48.6 AV	54.0	-5.4	1.36 H	233	29.76	18.84
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	*5320.00	92.3 PK			1.00 V	81	85.33	6.97
2	*5320.00	82.3 AV			1.00 V	81	75.33	6.97
3	5350.00	57.0 PK	74.0	-17.0	1.00 V	81	49.96	7.04
4	5350.00	43.8 AV	54.0	-10.2	1.00 V	81	36.76	7.04
5	10640.00	55.7 PK	74.0	-18.3	1.43 V	301	42.03	13.67
6	10640.00	43.8 AV	54.0	-10.2	1.43 V	301	30.13	13.67
7	15960.00	62.3 PK	74.0	-11.7	1.46 V	178	43.46	18.84
8	15960.00	49.0 AV	54.0	-5.0	1.46 V	178	30.16	18.84

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	62.6 PK	74.0	-11.4	1.94 H	244	55.31	7.29
2	#5470.00	48.1 AV	54.0	-5.9	1.94 H	244	40.81	7.29
3	*5500.00	102.8 PK			1.94 H	244	95.47	7.33
4	*5500.00	93.9 AV			1.94 H	244	86.57	7.33
5	11000.00	55.7 PK	74.0	-18.3	1.17 H	114	41.47	14.23
6	11000.00	43.0 AV	54.0	-11.0	1.17 H	114	28.77	14.23
7	#16500.00	62.2 PK	74.0	-11.8	1.43 H	228	41.23	20.97
8	#16500.00	49.2 AV	54.0	-4.8	1.43 H	228	28.23	20.97
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	#5470.00	57.2 PK	74.0	-16.8	1.01 V	71	49.91	7.29
2	#5470.00	44.1 AV	54.0	-9.9	1.01 V	71	36.81	7.29
3	*5500.00	92.2 PK			1.01 V	71	84.87	7.33
4	*5500.00	82.3 AV			1.01 V	71	74.97	7.33
5	11000.00	55.1 PK	74.0	-18.9	1.39 V	325	40.87	14.23
6	11000.00	43.4 AV	54.0	-10.6	1.39 V	325	29.17	14.23
7	#16500.00	62.4 PK	74.0	-11.6	1.41 V	196	41.43	20.97
8	#16500.00	49.0 AV	54.0	-5.0	1.41 V	196	28.03	20.97

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.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 120	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	*5600.00	103.2 PK			1.92 H	232	96.07	7.13
2	*5600.00	94.0 AV			1.92 H	232	86.87	7.13
3	11200.00	56.1 PK	74.0	-17.9	1.32 H	92	41.63	14.47
4	11200.00	43.6 AV	54.0	-10.4	1.32 H	92	29.13	14.47
5	#16800.00	62.3 PK	74.0	-11.7	1.44 H	214	40.20	22.10
6	#16800.00	48.6 AV	54.0	-5.4	1.44 H	214	26.50	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	*5600.00	93.1 PK			1.00 V	70	85.97	7.13
2	*5600.00	83.1 AV			1.00 V	70	75.97	7.13
3	11200.00	56.2 PK	74.0	-17.8	1.47 V	322	41.73	14.47
4	11200.00	44.4 AV	54.0	-9.6	1.47 V	322	29.93	14.47
5	#16800.00	61.3 PK	74.0	-12.7	1.36 V	193	39.20	22.10
6	#16800.00	48.3 AV	54.0	-5.7	1.36 V	193	26.20	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	102.2 PK			1.89 H	201	94.81	7.39
2	*5700.00	93.3 AV			1.89 H	201	85.91	7.39
3	#5725.00	62.2 PK	74.0	-11.8	1.89 H	201	54.82	7.38
4	#5725.00	47.9 AV	54.0	-6.1	1.89 H	201	40.52	7.38
5	11400.00	55.9 PK	74.0	-18.1	1.28 H	80	41.04	14.86
6	11400.00	43.6 AV	54.0	-10.4	1.28 H	80	28.74	14.86
7	#17100.00	62.3 PK	74.0	-11.7	1.45 H	231	39.31	22.99
8	#17100.00	49.1 AV	54.0	-4.9	1.45 H	231	26.11	22.99
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	*5700.00	93.0 PK			1.03 V	94	85.61	7.39
2	*5700.00	83.0 AV			1.03 V	94	75.61	7.39
3	#5725.00	56.9 PK	74.0	-17.1	1.03 V	94	49.52	7.38
4	#5725.00	43.7 AV	54.0	-10.3	1.03 V	94	36.32	7.38
5	11400.00	55.8 PK	74.0	-18.2	1.44 V	342	40.94	14.86
6	11400.00	43.6 AV	54.0	-10.4	1.44 V	342	28.74	14.86
7	#17100.00	61.8 PK	74.0	-12.2	1.45 V	175	38.81	22.99
8	#17100.00	48.4 AV	54.0	-5.6	1.45 V	175	25.41	22.99

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	102.3 PK			1.86 H	192	94.91	7.39
2	*5720.00	93.3 AV			1.86 H	192	85.91	7.39
3	#5850.00	53.0 PK	78.2	-25.2	1.90 H	195	45.75	7.25
4	11440.00	55.6 PK	74.0	-18.4	1.26 H	88	40.88	14.72
5	11440.00	43.3 AV	54.0	-10.7	1.26 H	88	28.58	14.72
6	#17160.00	62.6 PK	74.0	-11.4	1.45 H	244	38.98	23.62
7	#17160.00	49.3 AV	54.0	-4.7	1.45 H	244	25.68	23.62
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	*5720.00	93.2 PK			1.06 V	109	85.81	7.39
2	*5720.00	83.1 AV			1.06 V	109	75.71	7.39
3	#5850.00	52.1 PK	78.2	-26.1	1.01 V	91	44.85	7.25
4	11440.00	55.7 PK	74.0	-18.3	1.47 V	346	40.98	14.72
5	11440.00	43.6 AV	54.0	-10.4	1.47 V	346	28.88	14.72
6	#17160.00	61.8 PK	74.0	-12.2	1.40 V	160	38.18	23.62
7	#17160.00	48.7 AV	54.0	-5.3	1.40 V	160	25.08	23.62

REMARKS:

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

CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	61.8 PK	74.0	-12.2	1.95 H	191	54.42	7.38
2	#5715.00	47.5 AV	54.0	-6.5	1.95 H	191	40.12	7.38
3	#5725.00	65.9 PK	78.2	-12.3	1.95 H	191	58.52	7.38
4	*5745.00	102.4 PK			1.95 H	191	95.02	7.38
5	*5745.00	93.5 AV			1.95 H	191	86.12	7.38
6	11490.00	54.8 PK	74.0	-19.2	1.30 H	89	40.28	14.52
7	11490.00	42.5 AV	54.0	-11.5	1.30 H	89	27.98	14.52
8	#17235.00	62.8 PK	74.0	-11.2	1.50 H	228	39.04	23.76
9	#17235.00	49.5 AV	54.0	-4.5	1.50 H	228	25.74	23.76
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	56.9 PK	74.0	-17.1	1.05 V	87	49.52	7.38
2	#5715.00	44.1 AV	54.0	-9.9	1.05 V	87	36.72	7.38
3	#5725.00	62.8 PK	78.2	-15.4	1.05 V	87	55.42	7.38
4	*5745.00	92.4 PK			1.05 V	87	85.02	7.38
5	*5745.00	82.6 AV			1.05 V	87	75.22	7.38
6	11490.00	55.3 PK	74.0	-18.7	1.38 V	323	40.78	14.52
7	11490.00	43.5 AV	54.0	-10.5	1.38 V	323	28.98	14.52
8	#17235.00	61.9 PK	74.0	-12.1	1.40 V	181	38.14	23.76
9	#17235.00	48.3 AV	54.0	-5.7	1.40 V	181	24.54	23.76

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5785.00	102.1 PK			1.86 H	207	94.72	7.38
2	*5785.00	93.2 AV			1.86 H	207	85.82	7.38
3	11570.00	55.3 PK	74.0	-18.7	1.25 H	94	40.73	14.57
4	11570.00	42.8 AV	54.0	-11.2	1.25 H	94	28.23	14.57
5	#17355.00	62.3 PK	74.0	-11.7	1.46 H	212	38.24	24.06
6	#17355.00	48.9 AV	54.0	-5.1	1.46 H	212	24.84	24.06
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	*5785.00	93.1 PK			1.00 V	91	85.72	7.38
2	*5785.00	82.9 AV			1.00 V	91	75.52	7.38
3	11570.00	55.9 PK	74.0	-18.1	1.40 V	337	41.33	14.57
4	11570.00	44.1 AV	54.0	-9.9	1.40 V	337	29.53	14.57
5	#17355.00	62.0 PK	74.0	-12.0	1.46 V	184	37.94	24.06
6	#17355.00	48.2 AV	54.0	-5.8	1.46 V	184	24.14	24.06

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5825.00	102.6 PK			1.87 H	199	95.29	7.31
2	*5825.00	93.5 AV			1.87 H	199	86.19	7.31
3	#5850.00	65.4 PK	78.2	-12.8	1.87 H	199	58.15	7.25
4	#5860.00	61.8 PK	74.0	-12.2	1.87 H	199	54.58	7.22
5	#5860.00	47.6 AV	54.0	-6.4	1.87 H	199	40.38	7.22
6	11650.00	56.1 PK	74.0	-17.9	1.32 H	81	41.43	14.67
7	11650.00	43.4 AV	54.0	-10.6	1.32 H	81	28.73	14.67
8	#17475.00	63.6 PK	74.0	-10.4	1.39 H	209	39.58	24.02
9	#17475.00	49.6 AV	54.0	-4.4	1.39 H	209	25.58	24.02
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	92.3 PK			1.02 V	91	84.99	7.31
2	*5825.00	82.5 AV			1.02 V	91	75.19	7.31
3	#5850.00	62.2 PK	78.2	-16.0	1.02 V	91	54.95	7.25
4	#5860.00	57.0 PK	74.0	-17.0	1.02 V	91	49.78	7.22
5	#5860.00	43.9 AV	54.0	-10.1	1.02 V	91	36.68	7.22
6	11650.00	55.6 PK	74.0	-18.4	1.42 V	321	40.93	14.67
7	11650.00	43.7 AV	54.0	-10.3	1.42 V	321	29.03	14.67
8	#17475.00	61.6 PK	74.0	-12.4	1.41 V	195	37.58	24.02
9	#17475.00	48.3 AV	54.0	-5.7	1.41 V	195	24.28	24.02

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.

802.11ac (VHT40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	61.0 PK	74.0	-13.0	1.49 H	5	54.53	6.47
2	5150.00	47.2 AV	54.0	-6.8	1.49 H	5	40.73	6.47
3	*5190.00	100.3 PK			1.49 H	5	93.60	6.70
4	*5190.00	89.4 AV			1.49 H	5	82.70	6.70
5	#10380.00	55.8 PK	74.0	-18.2	1.30 H	107	41.59	14.21
6	#10380.00	43.6 AV	54.0	-10.4	1.30 H	107	29.39	14.21
7	15570.00	62.4 PK	74.0	-11.6	1.42 H	198	43.85	18.55
8	15570.00	48.6 AV	54.0	-5.4	1.42 H	198	30.05	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	5150.00	56.5 PK	74.0	-17.5	1.10 V	124	50.03	6.47
2	5150.00	44.0 AV	54.0	-10.0	1.10 V	124	37.53	6.47
3	*5190.00	90.1 PK			1.10 V	124	83.40	6.70
4	*5190.00	79.5 AV			1.10 V	124	72.80	6.70
5	#10380.00	55.4 PK	74.0	-18.6	1.43 V	316	41.19	14.21
6	#10380.00	43.8 AV	54.0	-10.2	1.43 V	316	29.59	14.21
7	15570.00	62.4 PK	74.0	-11.6	1.41 V	199	43.85	18.55
8	15570.00	48.8 AV	54.0	-5.2	1.41 V	199	30.25	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 46	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5230.00	100.0 PK			1.40 H	11	93.19	6.81
2	*5230.00	89.3 AV			1.40 H	11	82.49	6.81
3	#10460.00	55.8 PK	74.0	-18.2	1.32 H	97	41.75	14.05
4	#10460.00	43.3 AV	54.0	-10.7	1.32 H	97	29.25	14.05
5	15690.00	63.0 PK	74.0	-11.0	1.43 H	235	44.13	18.87
6	15690.00	49.4 AV	54.0	-4.6	1.43 H	235	30.53	18.87
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5230.00	90.0 PK			1.11 V	131	83.19	6.81
2	*5230.00	79.3 AV			1.11 V	131	72.49	6.81
3	#10460.00	55.1 PK	74.0	-18.9	1.46 V	342	41.05	14.05
4	#10460.00	43.5 AV	54.0	-10.5	1.46 V	342	29.45	14.05
5	15690.00	62.2 PK	74.0	-11.8	1.42 V	181	43.33	18.87
6	15690.00	48.5 AV	54.0	-5.5	1.42 V	181	29.63	18.87

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5270.00	100.3 PK			1.44 H	12	93.44	6.86
2	*5270.00	89.5 AV			1.44 H	12	82.64	6.86
3	#10540.00	55.8 PK	74.0	-18.2	1.32 H	115	42.07	13.73
4	#10540.00	43.2 AV	54.0	-10.8	1.32 H	115	29.47	13.73
5	15810.00	62.0 PK	74.0	-12.0	1.41 H	233	42.58	19.42
6	15810.00	48.8 AV	54.0	-5.2	1.41 H	233	29.38	19.42
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	*5270.00	89.6 PK			1.12 V	134	82.74	6.86
2	*5270.00	79.2 AV			1.12 V	134	72.34	6.86
3	#10540.00	55.4 PK	74.0	-18.6	1.44 V	343	41.67	13.73
4	#10540.00	43.6 AV	54.0	-10.4	1.44 V	343	29.87	13.73
5	15810.00	62.6 PK	74.0	-11.4	1.39 V	213	43.18	19.42
6	15810.00	48.9 AV	54.0	-5.1	1.39 V	213	29.48	19.42

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	99.8 PK			2.06 H	278	92.86	6.94
2	*5310.00	89.6 AV			2.06 H	278	82.66	6.94
3	5350.00	60.3 PK	74.0	-13.7	2.06 H	278	53.26	7.04
4	5350.00	46.6 AV	54.0	-7.4	2.06 H	278	39.56	7.04
5	10620.00	55.8 PK	74.0	-18.2	1.35 H	93	42.26	13.54
6	10620.00	43.3 AV	54.0	-10.7	1.35 H	93	29.76	13.54
7	15930.00	62.4 PK	74.0	-11.6	1.49 H	192	43.48	18.92
8	15930.00	48.5 AV	54.0	-5.5	1.49 H	192	29.58	18.92
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	89.9 PK			1.04 V	130	82.96	6.94
2	*5310.00	79.5 AV			1.04 V	130	72.56	6.94
3	5350.00	54.8 PK	74.0	-19.2	1.04 V	130	47.76	7.04
4	5350.00	43.4 AV	54.0	-10.6	1.04 V	130	36.36	7.04
5	10620.00	55.6 PK	74.0	-18.4	1.43 V	316	42.06	13.54
6	10620.00	43.7 AV	54.0	-10.3	1.43 V	316	30.16	13.54
7	15930.00	62.7 PK	74.0	-11.3	1.40 V	188	43.78	18.92
8	15930.00	49.1 AV	54.0	-4.9	1.40 V	188	30.18	18.92

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) 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	#5470.00	62.3 PK	74.0	-11.7	1.45 H	0	55.01	7.29
2	#5470.00	48.1 AV	54.0	-5.9	1.45 H	0	40.81	7.29
3	*5510.00	100.3 PK			1.45 H	0	92.99	7.31
4	*5510.00	89.7 AV			1.45 H	0	82.39	7.31
5	11020.00	55.8 PK	74.0	-18.2	1.27 H	113	41.52	14.28
6	11020.00	43.5 AV	54.0	-10.5	1.27 H	113	29.22	14.28
7	#16530.00	62.6 PK	74.0	-11.4	1.45 H	240	41.37	21.23
8	#16530.00	48.9 AV	54.0	-5.1	1.45 H	240	27.67	21.23
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	56.4 PK	74.0	-17.6	1.03 V	114	49.11	7.29
2	#5470.00	43.8 AV	54.0	-10.2	1.03 V	114	36.51	7.29
3	*5510.00	89.8 PK			1.03 V	114	82.49	7.31
4	*5510.00	79.3 AV			1.03 V	114	71.99	7.31
5	11020.00	55.7 PK	74.0	-18.3	1.48 V	319	41.42	14.28
6	11020.00	43.7 AV	54.0	-10.3	1.48 V	319	29.42	14.28
7	#16530.00	61.3 PK	74.0	-12.7	1.40 V	185	40.07	21.23
8	#16530.00	48.1 AV	54.0	-5.9	1.40 V	185	26.87	21.23

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) 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	*5590.00	100.4 PK			1.42 H	15	93.25	7.15
2	*5590.00	89.5 AV			1.42 H	15	82.35	7.15
3	11180.00	55.6 PK	74.0	-18.4	1.36 H	85	41.13	14.47
4	11180.00	43.1 AV	54.0	-10.9	1.36 H	85	28.63	14.47
5	#16770.00	62.6 PK	74.0	-11.4	1.32 H	229	40.57	22.03
6	#16770.00	49.0 AV	54.0	-5.0	1.32 H	229	26.97	22.03
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	*5590.00	90.3 PK			1.02 V	98	83.15	7.15
2	*5590.00	79.5 AV			1.02 V	98	72.35	7.15
3	11180.00	55.1 PK	74.0	-18.9	1.43 V	329	40.63	14.47
4	11180.00	43.7 AV	54.0	-10.3	1.43 V	329	29.23	14.47
5	#16770.00	62.6 PK	74.0	-11.4	1.32 V	203	40.57	22.03
6	#16770.00	49.0 AV	54.0	-5.0	1.32 V	203	26.97	22.03

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	99.9 PK			1.45 H	0	92.59	7.31
2	*5670.00	89.6 AV			1.45 H	0	82.29	7.31
3	#5725.00	60.4 PK	74.0	-13.6	1.45 H	0	53.02	7.38
4	#5725.00	46.7 AV	54.0	-7.3	1.45 H	0	39.32	7.38
5	11340.00	55.3 PK	74.0	-18.7	1.30 H	58	40.74	14.56
6	11340.00	42.8 AV	54.0	-11.2	1.30 H	58	28.24	14.56
7	#17010.00	62.4 PK	74.0	-11.6	1.41 H	225	39.01	23.39
8	#17010.00	48.5 AV	54.0	-5.5	1.41 H	225	25.11	23.39
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	89.2 PK			1.16 V	104	81.89	7.31
2	*5670.00	79.1 AV			1.16 V	104	71.79	7.31
3	#5725.00	56.3 PK	74.0	-17.7	1.16 V	104	48.92	7.38
4	#5725.00	44.0 AV	54.0	-10.0	1.16 V	104	36.62	7.38
5	11340.00	55.8 PK	74.0	-18.2	1.39 V	342	41.24	14.56
6	11340.00	43.9 AV	54.0	-10.1	1.39 V	342	29.34	14.56
7	#17010.00	62.2 PK	74.0	-11.8	1.46 V	186	38.81	23.39
8	#17010.00	48.4 AV	54.0	-5.6	1.46 V	186	25.01	23.39

REMARKS:

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

CHANNEL	TX Channel 142	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5710.00	99.8 PK			1.43 H	0	92.41	7.39
2	*5710.00	89.5 AV			1.43 H	0	82.11	7.39
3	#5850.00	53.0 PK	78.2	-25.2	1.44 H	0	45.75	7.25
4	11420.00	54.8 PK	74.0	-19.2	1.34 H	55	40.01	14.79
5	11420.00	42.6 AV	54.0	-11.4	1.34 H	55	27.81	14.79
6	#17130.00	62.3 PK	74.0	-11.7	1.35 H	227	38.99	23.31
7	#17130.00	48.3 AV	54.0	-5.7	1.35 H	227	24.99	23.31
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	*5710.00	89.9 PK			1.12 V	113	82.51	7.39
2	*5710.00	79.6 AV			1.12 V	113	72.21	7.39
3	#5850.00	51.7 PK	78.2	-26.5	1.10 V	99	44.45	7.25
4	11420.00	56.3 PK	74.0	-17.7	1.39 V	344	41.51	14.79
5	11420.00	44.3 AV	54.0	-9.7	1.39 V	344	29.51	14.79
6	#17130.00	62.8 PK	74.0	-11.2	1.44 V	197	39.49	23.31
7	#17130.00	48.8 AV	54.0	-5.2	1.44 V	197	25.49	23.31

REMARKS:

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

CHANNEL	TX Channel 151	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	60.4 PK	74.0	-13.6	1.13 H	360	53.02	7.38
2	#5715.00	46.3 AV	54.0	-7.7	1.13 H	360	38.92	7.38
3	#5725.00	56.8 PK	78.2	-21.4	1.13 H	360	49.42	7.38
4	*5755.00	98.6 PK			1.13 H	360	91.22	7.38
5	*5755.00	88.4 AV			1.13 H	360	81.02	7.38
6	11510.00	56.6 PK	74.0	-17.4	1.29 H	102	42.10	14.50
7	11510.00	43.7 AV	54.0	-10.3	1.29 H	102	29.20	14.50
8	#17265.00	61.9 PK	74.0	-12.1	1.46 H	230	38.38	23.52
9	#17265.00	48.1 AV	54.0	-5.9	1.46 H	230	24.58	23.52
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	55.8 PK	74.0	-18.2	1.10 V	90	48.42	7.38
2	#5715.00	43.3 AV	54.0	-10.7	1.10 V	90	35.92	7.38
3	#5725.00	54.2 PK	78.2	-24.0	1.10 V	90	46.82	7.38
4	*5755.00	89.6 PK			1.10 V	90	82.22	7.38
5	*5755.00	79.2 AV			1.10 V	90	71.82	7.38
6	11510.00	56.6 PK	74.0	-17.4	1.49 V	322	42.10	14.50
7	11510.00	44.3 AV	54.0	-9.7	1.49 V	322	29.80	14.50
8	#17265.00	63.0 PK	74.0	-11.0	1.42 V	206	39.48	23.52
9	#17265.00	49.2 AV	54.0	-4.8	1.42 V	206	25.68	23.52

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) 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	*5795.00	99.3 PK			1.45 H	17	91.92	7.38
2	*5795.00	88.6 AV			1.45 H	17	81.22	7.38
3	#5850.00	58.2 PK	78.2	-20.0	1.45 H	17	50.95	7.25
4	#5860.00	61.9 PK	74.0	-12.1	1.45 H	17	54.68	7.22
5	#5860.00	47.6 AV	54.0	-6.4	1.45 H	17	40.38	7.22
6	11590.00	56.6 PK	74.0	-17.4	1.30 H	100	41.99	14.61
7	11590.00	43.8 AV	54.0	-10.2	1.30 H	100	29.19	14.61
8	#17385.00	61.8 PK	74.0	-12.2	1.48 H	227	37.31	24.49
9	#17385.00	48.2 AV	54.0	-5.8	1.48 H	227	23.71	24.49
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	89.1 PK			1.08 V	114	81.72	7.38
2	*5795.00	78.4 AV			1.08 V	114	71.02	7.38
3	#5850.00	55.2 PK	78.2	-23.0	1.08 V	114	47.95	7.25
4	#5860.00	55.4 PK	74.0	-18.6	1.08 V	114	48.18	7.22
5	#5860.00	42.8 AV	54.0	-11.2	1.08 V	114	35.58	7.22
6	11590.00	54.9 PK	74.0	-19.1	1.49 V	314	40.29	14.61
7	11590.00	43.3 AV	54.0	-10.7	1.49 V	314	28.69	14.61
8	#17385.00	62.0 PK	74.0	-12.0	1.42 V	190	37.51	24.49
9	#17385.00	48.6 AV	54.0	-5.4	1.42 V	190	24.11	24.49

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.

802.11ac (VHT80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	64.2 PK	74.0	-9.8	2.09 H	280	57.73	6.47
2	5150.00	49.6 AV	54.0	-4.4	2.09 H	280	43.13	6.47
3	*5210.00	99.8 PK			2.09 H	280	93.02	6.78
4	*5210.00	86.0 AV			2.09 H	280	79.22	6.78
5	#10420.00	56.3 PK	74.0	-17.7	1.30 H	88	42.15	14.15
6	#10420.00	44.0 AV	54.0	-10.0	1.30 H	88	29.85	14.15
7	15630.00	62.3 PK	74.0	-11.7	1.46 H	212	43.78	18.52
8	15630.00	48.8 AV	54.0	-5.2	1.46 H	212	30.28	18.52
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	5150.00	55.1 PK	74.0	-18.9	1.10 V	121	48.63	6.47
2	5150.00	42.7 AV	54.0	-11.3	1.10 V	121	36.23	6.47
3	*5210.00	86.1 PK			1.10 V	121	79.32	6.78
4	*5210.00	75.9 AV			1.10 V	121	69.12	6.78
5	#10420.00	55.0 PK	74.0	-19.0	1.38 V	318	40.85	14.15
6	#10420.00	43.2 AV	54.0	-10.8	1.38 V	318	29.05	14.15
7	15630.00	62.0 PK	74.0	-12.0	1.44 V	199	43.48	18.52
8	15630.00	48.2 AV	54.0	-5.8	1.44 V	199	29.68	18.52

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5290.00	97.3 PK			2.16 H	273	90.41	6.89
2	*5290.00	86.3 AV			2.16 H	273	79.41	6.89
3	5350.00	56.1 PK	74.0	-17.9	2.16 H	273	49.06	7.04
4	5350.00	42.1 AV	54.0	-11.9	2.16 H	273	35.06	7.04
5	#10580.00	55.4 PK	74.0	-18.6	1.33 H	89	41.87	13.53
6	#10580.00	43.0 AV	54.0	-11.0	1.33 H	89	29.47	13.53
7	15870.00	62.2 PK	74.0	-11.8	1.45 H	211	43.05	19.15
8	15870.00	48.6 AV	54.0	-5.4	1.45 H	211	29.45	19.15
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	*5290.00	86.0 PK			1.10 V	101	79.11	6.89
2	*5290.00	76.2 AV			1.10 V	101	69.31	6.89
3	5350.00	54.1 PK	74.0	-19.9	1.10 V	101	47.06	7.04
4	5350.00	39.2 AV	54.0	-14.8	1.10 V	101	32.16	7.04
5	#10580.00	55.2 PK	74.0	-18.8	1.43 V	325	41.67	13.53
6	#10580.00	43.3 AV	54.0	-10.7	1.43 V	325	29.77	13.53
7	15870.00	62.4 PK	74.0	-11.6	1.35 V	197	43.25	19.15
8	15870.00	49.0 AV	54.0	-5.0	1.35 V	197	29.85	19.15

REMARKS:

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

CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK)
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	56.7 PK	74.0	-17.3	2.20 H	286	49.41	7.29
2	#5470.00	43.4 AV	54.0	-10.6	2.20 H	286	36.11	7.29
3	*5530.00	97.6 PK			2.11 H	285	90.33	7.27
4	*5530.00	86.7 AV			2.11 H	285	79.43	7.27
5	11060.00	55.4 PK	74.0	-18.6	1.28 H	99	41.05	14.35
6	11060.00	42.9 AV	54.0	-11.1	1.28 H	99	28.55	14.35
7	#16590.00	61.7 PK	74.0	-12.3	1.39 H	202	39.96	21.74
8	#16590.00	48.3 AV	54.0	-5.7	1.39 H	202	26.56	21.74
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	53.6 PK	74.0	-20.4	1.04 V	135	46.31	7.29
2	#5470.00	38.7 AV	54.0	-15.3	1.04 V	135	31.41	7.29
3	*5530.00	85.8 PK			1.04 V	135	78.53	7.27
4	*5530.00	75.6 AV			1.04 V	135	68.33	7.27
5	11060.00	55.3 PK	74.0	-18.7	1.41 V	297	40.95	14.35
6	11060.00	43.9 AV	54.0	-10.1	1.41 V	297	29.55	14.35
7	#16590.00	62.4 PK	74.0	-11.6	1.39 V	184	40.66	21.74
8	#16590.00	48.8 AV	54.0	-5.2	1.39 V	184	27.06	21.74

REMARKS:

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

CHANNEL	TX Channel 122	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	96.7 PK			2.15 H	267	89.55	7.15
2	*5610.00	85.6 AV			2.15 H	267	78.45	7.15
3	#5725.00	53.1 PK	74.0	-20.9	2.15 H	267	45.72	7.38
4	#5725.00	41.4 AV	54.0	-12.6	2.15 H	267	34.02	7.38
5	11220.00	54.1 PK	74.0	-19.9	1.32 H	76	39.66	14.44
6	11220.00	42.2 AV	54.0	-11.8	1.32 H	76	27.76	14.44
7	#16830.00	62.2 PK	74.0	-11.8	1.46 H	218	40.02	22.18
8	#16830.00	48.6 AV	54.0	-5.4	1.46 H	218	26.42	22.18
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	*5610.00	85.9 PK			1.12 V	133	78.75	7.15
2	*5610.00	76.0 AV			1.12 V	133	68.85	7.15
3	#5725.00	52.9 PK	74.0	-21.1	1.12 V	133	45.52	7.38
4	#5725.00	38.3 AV	54.0	-15.7	1.12 V	133	30.92	7.38
5	11220.00	56.1 PK	74.0	-17.9	1.47 V	332	41.66	14.44
6	11220.00	44.0 AV	54.0	-10.0	1.47 V	332	29.56	14.44
7	#16830.00	62.2 PK	74.0	-11.8	1.43 V	185	40.02	22.18
8	#16830.00	48.6 AV	54.0	-5.4	1.43 V	185	26.42	22.18

REMARKS:

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

CHANNEL	TX Channel 138	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5690.00	96.6 PK			2.19 H	280	89.23	7.37
2	*5690.00	85.6 AV			2.19 H	280	78.23	7.37
3	#5850.00	52.9 PK	78.2	-25.3	2.12 H	281	45.65	7.25
4	11380.00	54.2 PK	74.0	-19.8	1.36 H	78	39.44	14.76
5	11380.00	42.2 AV	54.0	-11.8	1.36 H	78	27.44	14.76
6	#17070.00	62.4 PK	74.0	-11.6	1.45 H	202	39.27	23.13
7	#17070.00	48.8 AV	54.0	-5.2	1.45 H	202	25.67	23.13
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	*5690.00	85.9 PK			1.16 V	125	78.53	7.37
2	*5690.00	75.8 AV			1.16 V	125	68.43	7.37
3	#5850.00	52.1 PK	78.2	-26.1	1.14 V	147	44.85	7.25
4	11380.00	56.4 PK	74.0	-17.6	1.49 V	328	41.64	14.76
5	11380.00	44.2 AV	54.0	-9.8	1.49 V	328	29.44	14.76
6	#17070.00	62.1 PK	74.0	-11.9	1.42 V	188	38.97	23.13
7	#17070.00	48.7 AV	54.0	-5.3	1.42 V	188	25.57	23.13

REMARKS:

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

CHANNEL	TX Channel 155	DETECTOR FUNCTION	Peak (PK)
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	56.2 PK	74.0	-17.8	2.14 H	285	48.82	7.38
2	#5715.00	43.6 AV	54.0	-10.4	2.14 H	285	36.22	7.38
3	#5725.00	56.8 PK	78.2	-21.4	2.14 H	285	49.42	7.38
4	*5775.00	98.1 PK			2.14 H	285	90.72	7.38
5	*5775.00	87.0 AV			2.14 H	285	79.62	7.38
6	#5850.00	55.7 PK	78.2	-22.5	2.14 H	285	48.45	7.25
7	#5860.00	56.6 PK	74.0	-17.4	2.14 H	285	49.38	7.22
8	#5860.00	44.2 AV	54.0	-9.8	2.14 H	285	36.98	7.22
9	11550.00	54.6 PK	74.0	-19.4	1.29 H	76	40.05	14.55
10	11550.00	42.4 AV	54.0	-11.6	1.29 H	76	27.85	14.55
11	#17325.00	61.6 PK	74.0	-12.4	1.41 H	195	37.98	23.62
12	#17325.00	48.2 AV	54.0	-5.8	1.41 H	195	24.58	23.62
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	54.0 PK	74.0	-20.0	1.09 V	94	46.62	7.38
2	#5715.00	39.1 AV	54.0	-14.9	1.09 V	94	31.72	7.38
3	#5725.00	54.5 PK	78.2	-23.7	1.09 V	94	47.12	7.38
4	*5775.00	86.0 PK			1.09 V	94	78.62	7.38
5	*5775.00	76.1 AV			1.09 V	94	68.72	7.38
6	#5850.00	53.8 PK	78.2	-24.4	1.09 V	94	46.55	7.25
7	#5860.00	54.1 PK	74.0	-19.9	1.09 V	94	46.88	7.22
8	#5860.00	39.4 AV	54.0	-14.6	1.09 V	94	32.18	7.22
9	11550.00	55.2 PK	74.0	-18.8	1.34 V	311	40.65	14.55
10	11550.00	43.0 AV	54.0	-11.0	1.34 V	311	28.45	14.55
11	#17325.00	62.7 PK	74.0	-11.3	1.39 V	200	39.08	23.62
12	#17325.00	48.9 AV	54.0	-5.1	1.39 V	200	25.28	23.62

REMARKS:

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

Below 1GHz Data

CHANNEL	TX Channel 100	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	90.41	31.2 QP	43.5	-12.4	1.24 H	40	49.96	-18.81
2	165.81	36.3 QP	43.5	-7.2	1.00 H	60	49.61	-13.29
3	432.61	40.2 QP	46.0	-5.8	1.37 H	68	48.38	-8.17
4	552.11	39.8 QP	46.0	-6.2	1.40 H	14	45.52	-5.76
5	806.31	41.4 QP	46.0	-4.6	1.34 H	301	41.92	-0.50
6	942.41	40.3 QP	46.0	-5.8	1.24 H	90	38.74	1.51
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	81.81	34.4 QP	40.0	-5.6	1.43 V	100	52.53	-18.10
2	265.42	42.6 QP	46.0	-3.4	1.30 V	210	55.96	-13.38
3	476.10	42.5 QP	46.0	-3.5	2.64 V	131	49.85	-7.33
4	553.34	41.2 QP	46.0	-4.8	1.54 V	310	46.91	-5.74
5	668.64	42.4 QP	46.0	-3.6	1.03 V	330	45.70	-3.30
6	718.31	40.4 QP	46.0	-5.6	1.64 V	260	42.94	-2.54

REMARKS:

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

4.1.9 Test Results (Mode 3)

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	54.0 PK	74.0	-20.0	1.17 H	136	47.53	6.47
2	5150.00	41.6 AV	54.0	-12.4	1.17 H	136	35.13	6.47
3	*5180.00	98.6 PK			1.17 H	136	91.95	6.65
4	*5180.00	88.1 AV			1.17 H	136	81.45	6.65
5	#10360.00	55.9 PK	74.0	-18.1	1.30 H	12	41.69	14.21
6	#10360.00	43.2 AV	54.0	-10.8	1.30 H	12	28.99	14.21
7	15540.00	62.3 PK	74.0	-11.7	1.38 H	236	43.54	18.76
8	15540.00	48.7 AV	54.0	-5.3	1.38 H	236	29.94	18.76
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	5150.00	60.2 PK	74.0	-13.8	1.00 V	165	53.73	6.47
2	5150.00	45.4 AV	54.0	-8.6	1.00 V	165	38.93	6.47
3	*5180.00	106.6 PK			1.00 V	165	99.95	6.65
4	*5180.00	95.8 AV			1.00 V	165	89.15	6.65
5	#10360.00	56.2 PK	74.0	-17.8	1.52 V	333	41.99	14.21
6	#10360.00	44.0 AV	54.0	-10.0	1.52 V	333	29.79	14.21
7	15540.00	63.0 PK	74.0	-11.0	1.51 V	182	44.24	18.76
8	15540.00	49.1 AV	54.0	-4.9	1.51 V	182	30.34	18.76

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	98.3 PK			1.18 H	118	91.53	6.77
2	*5200.00	88.1 AV			1.18 H	118	81.33	6.77
3	#10400.00	54.8 PK	74.0	-19.2	1.32 H	0	40.58	14.22
4	#10400.00	42.5 AV	54.0	-11.5	1.32 H	0	28.28	14.22
5	15600.00	62.5 PK	74.0	-11.5	1.49 H	229	44.16	18.34
6	15600.00	48.6 AV	54.0	-5.4	1.49 H	229	30.26	18.34
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	106.6 PK			1.00 V	176	99.83	6.77
2	*5200.00	96.0 AV			1.00 V	176	89.23	6.77
3	#10400.00	55.2 PK	74.0	-18.8	1.43 V	326	40.98	14.22
4	#10400.00	43.0 AV	54.0	-11.0	1.43 V	326	28.78	14.22
5	15600.00	63.3 PK	74.0	-10.7	1.48 V	209	44.96	18.34
6	15600.00	49.7 AV	54.0	-4.3	1.48 V	209	31.36	18.34

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	99.3 PK			1.18 H	122	92.48	6.82
2	*5240.00	88.6 AV			1.18 H	122	81.78	6.82
3	#10480.00	56.2 PK	74.0	-17.8	1.26 H	12	42.21	13.99
4	#10480.00	43.6 AV	54.0	-10.4	1.26 H	12	29.61	13.99
5	15720.00	61.7 PK	74.0	-12.3	1.48 H	235	42.67	19.03
6	15720.00	48.3 AV	54.0	-5.7	1.48 H	235	29.27	19.03
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	106.5 PK			1.00 V	151	99.68	6.82
2	*5240.00	95.6 AV			1.00 V	151	88.78	6.82
3	#10480.00	55.7 PK	74.0	-18.3	1.51 V	326	41.71	13.99
4	#10480.00	43.8 AV	54.0	-10.2	1.51 V	326	29.81	13.99
5	15720.00	62.3 PK	74.0	-11.7	1.44 V	179	43.27	19.03
6	15720.00	48.3 AV	54.0	-5.7	1.44 V	179	29.27	19.03

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5260.00	97.6 PK			1.19 H	108	90.75	6.85
2	*5260.00	87.2 AV			1.19 H	108	80.35	6.85
3	#10520.00	56.2 PK	74.0	-17.8	1.28 H	11	42.37	13.83
4	#10520.00	43.4 AV	54.0	-10.6	1.28 H	11	29.57	13.83
5	15780.00	62.5 PK	74.0	-11.5	1.44 H	232	43.14	19.36
6	15780.00	49.1 AV	54.0	-4.9	1.44 H	232	29.74	19.36
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	106.8 PK			1.05 V	151	99.95	6.85
2	*5260.00	96.0 AV			1.05 V	151	89.15	6.85
3	#10520.00	55.8 PK	74.0	-18.2	1.40 V	327	41.97	13.83
4	#10520.00	43.8 AV	54.0	-10.2	1.40 V	327	29.97	13.83
5	15780.00	63.2 PK	74.0	-10.8	1.41 V	182	43.84	19.36
6	15780.00	49.3 AV	54.0	-4.7	1.41 V	182	29.94	19.36

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	98.5 PK			1.21 H	136	91.60	6.90
2	*5300.00	87.8 AV			1.21 H	136	80.90	6.90
3	10600.00	56.1 PK	74.0	-17.9	1.26 H	20	42.66	13.44
4	10600.00	43.5 AV	54.0	-10.5	1.26 H	20	30.06	13.44
5	15900.00	62.1 PK	74.0	-11.9	1.41 H	231	43.09	19.01
6	15900.00	48.3 AV	54.0	-5.7	1.41 H	231	29.29	19.01
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	*5300.00	106.3 PK			1.00 V	156	99.40	6.90
2	*5300.00	95.7 AV			1.00 V	156	88.80	6.90
3	10600.00	55.4 PK	74.0	-18.6	1.51 V	305	41.96	13.44
4	10600.00	43.2 AV	54.0	-10.8	1.51 V	305	29.76	13.44
5	15900.00	63.2 PK	74.0	-10.8	1.46 V	168	44.19	19.01
6	15900.00	49.6 AV	54.0	-4.4	1.46 V	168	30.59	19.01

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	98.3 PK			1.12 H	126	91.33	6.97
2	*5320.00	88.1 AV			1.12 H	126	81.13	6.97
3	5350.00	54.4 PK	74.0	-19.6	1.12 H	126	47.36	7.04
4	5350.00	41.9 AV	54.0	-12.1	1.12 H	126	34.86	7.04
5	10640.00	56.2 PK	74.0	-17.8	1.26 H	33	42.53	13.67
6	10640.00	43.4 AV	54.0	-10.6	1.26 H	33	29.73	13.67
7	15960.00	62.5 PK	74.0	-11.5	1.40 H	236	43.66	18.84
8	15960.00	48.6 AV	54.0	-5.4	1.40 H	236	29.76	18.84
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	*5320.00	106.3 PK			1.00 V	160	99.33	6.97
2	*5320.00	95.3 AV			1.00 V	160	88.33	6.97
3	5350.00	58.9 PK	74.0	-15.1	1.00 V	160	51.86	7.04
4	5350.00	44.5 AV	54.0	-9.5	1.00 V	160	37.46	7.04
5	10640.00	55.0 PK	74.0	-19.0	1.44 V	305	41.33	13.67
6	10640.00	43.0 AV	54.0	-11.0	1.44 V	305	29.33	13.67
7	15960.00	62.6 PK	74.0	-11.4	1.46 V	188	43.76	18.84
8	15960.00	48.7 AV	54.0	-5.3	1.46 V	188	29.86	18.84

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	54.1 PK	74.0	-19.9	1.16 H	146	46.81	7.29
2	#5470.00	41.9 AV	54.0	-12.1	1.16 H	146	34.61	7.29
3	*5500.00	98.3 PK			1.16 H	146	90.97	7.33
4	*5500.00	87.9 AV			1.16 H	146	80.57	7.33
5	11000.00	55.9 PK	74.0	-18.1	1.23 H	21	41.67	14.23
6	11000.00	43.1 AV	54.0	-10.9	1.23 H	21	28.87	14.23
7	#16500.00	62.4 PK	74.0	-11.6	1.49 H	235	41.43	20.97
8	#16500.00	48.8 AV	54.0	-5.2	1.49 H	235	27.83	20.97
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	#5470.00	59.3 PK	74.0	-14.7	1.00 V	165	52.01	7.29
2	#5470.00	45.4 AV	54.0	-8.6	1.00 V	165	38.11	7.29
3	*5500.00	105.9 PK			1.00 V	165	98.57	7.33
4	*5500.00	95.1 AV			1.00 V	165	87.77	7.33
5	11000.00	55.7 PK	74.0	-18.3	1.43 V	337	41.47	14.23
6	11000.00	43.4 AV	54.0	-10.6	1.43 V	337	29.17	14.23
7	#16500.00	62.7 PK	74.0	-11.3	1.47 V	183	41.73	20.97
8	#16500.00	49.2 AV	54.0	-4.8	1.47 V	183	28.23	20.97

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.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 120	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	*5600.00	98.1 PK			1.06 H	130	90.97	7.13
2	*5600.00	87.8 AV			1.06 H	130	80.67	7.13
3	11200.00	54.7 PK	74.0	-19.3	1.33 H	15	40.23	14.47
4	11200.00	42.3 AV	54.0	-11.7	1.33 H	15	27.83	14.47
5	#16800.00	62.1 PK	74.0	-11.9	1.43 H	225	40.00	22.10
6	#16800.00	48.7 AV	54.0	-5.3	1.43 H	225	26.60	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	*5600.00	105.9 PK			1.00 V	138	98.77	7.13
2	*5600.00	95.1 AV			1.00 V	138	87.97	7.13
3	11200.00	55.4 PK	74.0	-18.6	1.47 V	324	40.93	14.47
4	11200.00	43.1 AV	54.0	-10.9	1.47 V	324	28.63	14.47
5	#16800.00	62.8 PK	74.0	-11.2	1.48 V	183	40.70	22.10
6	#16800.00	48.7 AV	54.0	-5.3	1.48 V	183	26.60	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	97.3 PK			1.09 H	119	89.91	7.39
2	*5700.00	87.1 AV			1.09 H	119	79.71	7.39
3	#5725.00	53.9 PK	74.0	-20.1	1.09 H	119	46.52	7.38
4	#5725.00	41.7 AV	54.0	-12.3	1.09 H	119	34.32	7.38
5	11400.00	56.4 PK	74.0	-17.6	1.34 H	0	41.54	14.86
6	11400.00	43.8 AV	54.0	-10.2	1.34 H	0	28.94	14.86
7	#17100.00	62.8 PK	74.0	-11.2	1.47 H	212	39.81	22.99
8	#17100.00	48.9 AV	54.0	-5.1	1.47 H	212	25.91	22.99
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	*5700.00	105.3 PK			1.11 V	145	97.91	7.39
2	*5700.00	94.5 AV			1.11 V	145	87.11	7.39
3	#5725.00	57.4 PK	74.0	-16.6	1.11 V	145	50.02	7.38
4	#5725.00	44.0 AV	54.0	-10.0	1.11 V	145	36.62	7.38
5	11400.00	56.3 PK	74.0	-17.7	1.55 V	331	41.44	14.86
6	11400.00	43.8 AV	54.0	-10.2	1.55 V	331	28.94	14.86
7	#17100.00	63.6 PK	74.0	-10.4	1.50 V	184	40.61	22.99
8	#17100.00	49.4 AV	54.0	-4.6	1.50 V	184	26.41	22.99

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	97.0 PK			1.06 H	117	89.61	7.39
2	*5720.00	86.9 AV			1.06 H	117	79.51	7.39
3	#5850.00	51.7 PK	78.2	-26.5	1.06 H	117	44.45	7.25
4	11440.00	56.4 PK	74.0	-17.6	1.28 H	60	41.68	14.72
5	11440.00	43.6 AV	54.0	-10.4	1.28 H	60	28.88	14.72
6	#17160.00	62.9 PK	74.0	-11.1	1.43 H	226	39.28	23.62
7	#17160.00	48.8 AV	54.0	-5.2	1.43 H	226	25.18	23.62
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	*5720.00	104.3 PK			2.33 V	20	96.91	7.39
2	*5720.00	94.3 AV			2.33 V	20	86.91	7.39
3	#5850.00	52.3 PK	78.2	-25.9	2.33 V	20	45.05	7.25
4	11440.00	56.6 PK	74.0	-17.4	1.53 V	345	41.88	14.72
5	11440.00	44.3 AV	54.0	-9.7	1.53 V	345	29.58	14.72
6	#17160.00	63.8 PK	74.0	-10.2	1.46 V	187	40.18	23.62
7	#17160.00	49.6 AV	54.0	-4.4	1.46 V	187	25.98	23.62

REMARKS:

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

CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	54.5 PK	74.0	-19.5	1.13 H	151	47.12	7.38
2	#5715.00	42.0 AV	54.0	-12.0	1.13 H	151	34.62	7.38
3	#5725.00	61.8 PK	78.2	-16.4	1.13 H	151	54.42	7.38
4	*5745.00	98.4 PK			1.13 H	151	91.02	7.38
5	*5745.00	87.7 AV			1.13 H	151	80.32	7.38
6	11490.00	55.8 PK	74.0	-18.2	1.29 H	26	41.28	14.52
7	11490.00	43.6 AV	54.0	-10.4	1.29 H	26	29.08	14.52
8	#17235.00	63.0 PK	74.0	-11.0	1.50 H	215	39.24	23.76
9	#17235.00	49.6 AV	54.0	-4.4	1.50 H	215	25.84	23.76
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	63.1 PK	74.0	-10.9	2.58 V	63	55.72	7.38
2	#5715.00	44.8 AV	54.0	-9.2	2.58 V	63	37.42	7.38
3	#5725.00	65.2 PK	78.2	-13.0	2.58 V	63	57.82	7.38
4	*5745.00	105.2 PK			2.58 V	63	97.82	7.38
5	*5745.00	94.8 AV			2.58 V	63	87.42	7.38
6	11490.00	55.7 PK	74.0	-18.3	1.43 V	331	41.18	14.52
7	11490.00	43.6 AV	54.0	-10.4	1.43 V	331	29.08	14.52
8	#17235.00	62.9 PK	74.0	-11.1	1.54 V	210	39.14	23.76
9	#17235.00	48.8 AV	54.0	-5.2	1.54 V	210	25.04	23.76

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5785.00	98.3 PK			1.16 H	139	90.92	7.38
2	*5785.00	87.9 AV			1.16 H	139	80.52	7.38
3	11570.00	56.0 PK	74.0	-18.0	1.22 H	31	41.43	14.57
4	11570.00	43.1 AV	54.0	-10.9	1.22 H	31	28.53	14.57
5	#17355.00	61.8 PK	74.0	-12.2	1.48 H	228	37.74	24.06
6	#17355.00	48.4 AV	54.0	-5.6	1.48 H	228	24.34	24.06
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	*5785.00	105.2 PK			2.63 V	59	97.82	7.38
2	*5785.00	94.7 AV			2.63 V	59	87.32	7.38
3	11570.00	55.4 PK	74.0	-18.6	1.47 V	340	40.83	14.57
4	11570.00	43.7 AV	54.0	-10.3	1.47 V	340	29.13	14.57
5	#17355.00	62.4 PK	74.0	-11.6	1.56 V	187	38.34	24.06
6	#17355.00	48.7 AV	54.0	-5.3	1.56 V	187	24.64	24.06

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5825.00	98.6 PK			1.15 H	133	91.29	7.31
2	*5825.00	88.1 AV			1.15 H	133	80.79	7.31
3	#5850.00	59.4 PK	78.2	-18.8	1.15 H	133	52.15	7.25
4	#5860.00	52.7 PK	74.0	-21.3	1.15 H	133	45.48	7.22
5	#5860.00	39.8 AV	54.0	-14.2	1.15 H	133	32.58	7.22
6	11650.00	55.9 PK	74.0	-18.1	1.35 H	29	41.23	14.67
7	11650.00	43.3 AV	54.0	-10.7	1.35 H	29	28.63	14.67
8	#17475.00	62.8 PK	74.0	-11.2	1.38 H	216	38.78	24.02
9	#17475.00	49.2 AV	54.0	-4.8	1.38 H	216	25.18	24.02
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	104.8 PK			2.52 V	54	97.49	7.31
2	*5825.00	94.5 AV			2.52 V	54	87.19	7.31
3	#5850.00	62.5 PK	78.2	-15.7	2.52 V	54	55.25	7.25
4	#5860.00	55.2 PK	74.0	-18.8	2.52 V	54	47.98	7.22
5	#5860.00	42.1 AV	54.0	-11.9	2.52 V	54	34.88	7.22
6	11650.00	54.9 PK	74.0	-19.1	1.42 V	327	40.23	14.67
7	11650.00	42.9 AV	54.0	-11.1	1.42 V	327	28.23	14.67
8	#17475.00	62.7 PK	74.0	-11.3	1.35 V	174	38.68	24.02
9	#17475.00	48.9 AV	54.0	-5.1	1.35 V	174	24.88	24.02

REMARKS:

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

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CHANNEL	TX Channel 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	53.7 PK	74.0	-20.3	1.12 H	122	47.23	6.47
2	5150.00	41.6 AV	54.0	-12.4	1.12 H	122	35.13	6.47
3	*5180.00	97.6 PK			1.12 H	122	90.95	6.65
4	*5180.00	87.1 AV			1.12 H	122	80.45	6.65
5	#10360.00	55.3 PK	74.0	-18.7	1.36 H	29	41.09	14.21
6	#10360.00	43.0 AV	54.0	-11.0	1.36 H	29	28.79	14.21
7	15540.00	62.4 PK	74.0	-11.6	1.40 H	220	43.64	18.76
8	15540.00	49.0 AV	54.0	-5.0	1.40 H	220	30.24	18.76
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	5150.00	60.0 PK	74.0	-14.0	1.01 V	177	53.53	6.47
2	5150.00	45.0 AV	54.0	-9.0	1.01 V	177	38.53	6.47
3	*5180.00	105.2 PK			1.01 V	177	98.55	6.65
4	*5180.00	94.9 AV			1.01 V	177	88.25	6.65
5	#10360.00	55.9 PK	74.0	-18.1	1.51 V	348	41.69	14.21
6	#10360.00	43.8 AV	54.0	-10.2	1.51 V	348	29.59	14.21
7	15540.00	62.7 PK	74.0	-11.3	1.56 V	180	43.94	18.76
8	15540.00	49.0 AV	54.0	-5.0	1.56 V	180	30.24	18.76

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	97.3 PK			1.07 H	128	90.53	6.77
2	*5200.00	86.6 AV			1.07 H	128	79.83	6.77
3	#10400.00	55.7 PK	74.0	-18.3	1.27 H	28	41.48	14.22
4	#10400.00	43.1 AV	54.0	-10.9	1.27 H	28	28.88	14.22
5	15600.00	62.4 PK	74.0	-11.6	1.43 H	221	44.06	18.34
6	15600.00	49.1 AV	54.0	-4.9	1.43 H	221	30.76	18.34
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	104.7 PK			1.06 V	179	97.93	6.77
2	*5200.00	94.8 AV			1.06 V	179	88.03	6.77
3	#10400.00	56.0 PK	74.0	-18.0	1.51 V	328	41.78	14.22
4	#10400.00	43.8 AV	54.0	-10.2	1.51 V	328	29.58	14.22
5	15600.00	62.9 PK	74.0	-11.1	1.36 V	194	44.56	18.34
6	15600.00	48.9 AV	54.0	-5.1	1.36 V	194	30.56	18.34

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	97.4 PK			1.06 H	122	90.58	6.82
2	*5240.00	86.9 AV			1.06 H	122	80.08	6.82
3	#10480.00	55.9 PK	74.0	-18.1	1.34 H	22	41.91	13.99
4	#10480.00	43.5 AV	54.0	-10.5	1.34 H	22	29.51	13.99
5	15720.00	62.4 PK	74.0	-11.6	1.38 H	224	43.37	19.03
6	15720.00	48.5 AV	54.0	-5.5	1.38 H	224	29.47	19.03
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	105.6 PK			1.00 V	181	98.78	6.82
2	*5240.00	95.3 AV			1.00 V	181	88.48	6.82
3	#10480.00	54.9 PK	74.0	-19.1	1.45 V	327	40.91	13.99
4	#10480.00	43.2 AV	54.0	-10.8	1.45 V	327	29.21	13.99
5	15720.00	63.2 PK	74.0	-10.8	1.47 V	197	44.17	19.03
6	15720.00	49.0 AV	54.0	-5.0	1.47 V	197	29.97	19.03

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5260.00	97.0 PK			1.12 H	108	90.15	6.85
2	*5260.00	86.8 AV			1.12 H	108	79.95	6.85
3	#10520.00	56.2 PK	74.0	-17.8	1.26 H	7	42.37	13.83
4	#10520.00	43.3 AV	54.0	-10.7	1.26 H	7	29.47	13.83
5	15780.00	63.2 PK	74.0	-10.8	1.48 H	224	43.84	19.36
6	15780.00	49.4 AV	54.0	-4.6	1.48 H	224	30.04	19.36
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	105.2 PK			1.00 V	184	98.35	6.85
2	*5260.00	95.0 AV			1.00 V	184	88.15	6.85
3	#10520.00	54.9 PK	74.0	-19.1	1.45 V	342	41.07	13.83
4	#10520.00	43.0 AV	54.0	-11.0	1.45 V	342	29.17	13.83
5	15780.00	63.7 PK	74.0	-10.3	1.54 V	187	44.34	19.36
6	15780.00	49.6 AV	54.0	-4.4	1.54 V	187	30.24	19.36

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	96.8 PK			1.09 H	112	89.90	6.90
2	*5300.00	86.8 AV			1.09 H	112	79.90	6.90
3	10600.00	55.5 PK	74.0	-18.5	1.28 H	8	42.06	13.44
4	10600.00	43.4 AV	54.0	-10.6	1.28 H	8	29.96	13.44
5	15900.00	62.4 PK	74.0	-11.6	1.48 H	237	43.39	19.01
6	15900.00	48.6 AV	54.0	-5.4	1.48 H	237	29.59	19.01
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	*5300.00	105.2 PK			1.01 V	177	98.30	6.90
2	*5300.00	94.6 AV			1.01 V	177	87.70	6.90
3	10600.00	55.5 PK	74.0	-18.5	1.46 V	340	42.06	13.44
4	10600.00	43.5 AV	54.0	-10.5	1.46 V	340	30.06	13.44
5	15900.00	63.6 PK	74.0	-10.4	1.41 V	196	44.59	19.01
6	15900.00	49.6 AV	54.0	-4.4	1.41 V	196	30.59	19.01

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	97.2 PK			1.13 H	127	90.23	6.97
2	*5320.00	86.4 AV			1.13 H	127	79.43	6.97
3	5350.00	54.5 PK	74.0	-19.5	1.13 H	127	47.46	7.04
4	5350.00	42.0 AV	54.0	-12.0	1.13 H	127	34.96	7.04
5	10640.00	55.4 PK	74.0	-18.6	1.25 H	13	41.73	13.67
6	10640.00	43.1 AV	54.0	-10.9	1.25 H	13	29.43	13.67
7	15960.00	63.1 PK	74.0	-10.9	1.40 H	199	44.26	18.84
8	15960.00	49.2 AV	54.0	-4.8	1.40 H	199	30.36	18.84
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	*5320.00	104.7 PK			1.02 V	166	97.73	6.97
2	*5320.00	94.4 AV			1.02 V	166	87.43	6.97
3	5350.00	59.0 PK	74.0	-15.0	1.00 V	152	51.96	7.04
4	5350.00	44.4 AV	54.0	-9.6	1.00 V	152	37.36	7.04
5	10640.00	54.8 PK	74.0	-19.2	1.47 V	312	41.13	13.67
6	10640.00	42.8 AV	54.0	-11.2	1.47 V	312	29.13	13.67
7	15960.00	62.7 PK	74.0	-11.3	1.52 V	178	43.86	18.84
8	15960.00	48.6 AV	54.0	-5.4	1.52 V	178	29.76	18.84

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	54.2 PK	74.0	-19.8	1.09 H	119	46.91	7.29
2	#5470.00	41.9 AV	54.0	-12.1	1.09 H	119	34.61	7.29
3	*5500.00	97.1 PK			1.09 H	119	89.77	7.33
4	*5500.00	86.9 AV			1.09 H	119	79.57	7.33
5	11000.00	56.0 PK	74.0	-18.0	1.30 H	22	41.77	14.23
6	11000.00	43.6 AV	54.0	-10.4	1.30 H	22	29.37	14.23
7	#16500.00	62.9 PK	74.0	-11.1	1.45 H	232	41.93	20.97
8	#16500.00	49.4 AV	54.0	-4.6	1.45 H	232	28.43	20.97
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	#5470.00	59.3 PK	74.0	-14.7	1.00 V	176	52.01	7.29
2	#5470.00	45.2 AV	54.0	-8.8	1.00 V	176	37.91	7.29
3	*5500.00	105.4 PK			1.00 V	161	98.07	7.33
4	*5500.00	94.7 AV			1.00 V	161	87.37	7.33
5	11000.00	55.8 PK	74.0	-18.2	1.45 V	325	41.57	14.23
6	11000.00	43.4 AV	54.0	-10.6	1.45 V	325	29.17	14.23
7	#16500.00	63.3 PK	74.0	-10.7	1.52 V	180	42.33	20.97
8	#16500.00	49.5 AV	54.0	-4.5	1.52 V	180	28.53	20.97

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.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 120	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	*5600.00	98.1 PK			1.13 H	119	90.97	7.13
2	*5600.00	87.4 AV			1.13 H	119	80.27	7.13
3	11200.00	56.4 PK	74.0	-17.6	1.26 H	0	41.93	14.47
4	11200.00	43.9 AV	54.0	-10.1	1.26 H	0	29.43	14.47
5	#16800.00	62.4 PK	74.0	-11.6	1.48 H	226	40.30	22.10
6	#16800.00	48.8 AV	54.0	-5.2	1.48 H	226	26.70	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	*5600.00	105.0 PK			1.00 V	164	97.87	7.13
2	*5600.00	94.7 AV			1.00 V	164	87.57	7.13
3	11200.00	54.6 PK	74.0	-19.4	1.52 V	328	40.13	14.47
4	11200.00	42.7 AV	54.0	-11.3	1.52 V	328	28.23	14.47
5	#16800.00	61.9 PK	74.0	-12.1	1.54 V	189	39.80	22.10
6	#16800.00	48.1 AV	54.0	-5.9	1.54 V	189	26.00	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	97.1 PK			1.16 H	107	89.71	7.39
2	*5700.00	86.4 AV			1.16 H	107	79.01	7.39
3	#5725.00	53.5 PK	74.0	-20.5	1.16 H	107	46.12	7.38
4	#5725.00	41.2 AV	54.0	-12.8	1.16 H	107	33.82	7.38
5	11400.00	55.6 PK	74.0	-18.4	1.36 H	0	40.74	14.86
6	11400.00	43.2 AV	54.0	-10.8	1.36 H	0	28.34	14.86
7	#17100.00	62.9 PK	74.0	-11.1	1.50 H	213	39.91	22.99
8	#17100.00	48.9 AV	54.0	-5.1	1.50 H	213	25.91	22.99
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	*5700.00	105.8 PK			1.13 V	140	98.41	7.39
2	*5700.00	95.0 AV			1.13 V	140	87.61	7.39
3	#5725.00	57.3 PK	74.0	-16.7	1.09 V	137	49.92	7.38
4	#5725.00	44.0 AV	54.0	-10.0	1.09 V	137	36.62	7.38
5	11400.00	56.5 PK	74.0	-17.5	1.52 V	320	41.64	14.86
6	11400.00	44.2 AV	54.0	-9.8	1.52 V	320	29.34	14.86
7	#17100.00	63.1 PK	74.0	-10.9	1.50 V	189	40.11	22.99
8	#17100.00	48.9 AV	54.0	-5.1	1.50 V	189	25.91	22.99

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	97.2 PK			1.13 H	97	89.81	7.39
2	*5720.00	86.4 AV			1.13 H	97	79.01	7.39
3	#5850.00	51.9 PK	78.2	-26.3	1.11 H	106	44.65	7.25
4	11440.00	55.6 PK	74.0	-18.4	1.33 H	0	40.88	14.72
5	11440.00	43.2 AV	54.0	-10.8	1.33 H	0	28.48	14.72
6	#17160.00	63.4 PK	74.0	-10.6	1.47 H	225	39.78	23.62
7	#17160.00	49.3 AV	54.0	-4.7	1.47 H	225	25.68	23.62
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	*5720.00	104.1 PK			2.36 V	5	96.71	7.39
2	*5720.00	93.9 AV			2.36 V	5	86.51	7.39
3	#5850.00	52.5 PK	78.2	-25.7	2.35 V	22	45.25	7.25
4	11440.00	57.1 PK	74.0	-16.9	1.48 V	358	42.38	14.72
5	11440.00	44.5 AV	54.0	-9.5	1.48 V	358	29.78	14.72
6	#17160.00	64.3 PK	74.0	-9.7	1.43 V	177	40.68	23.62
7	#17160.00	49.9 AV	54.0	-4.1	1.43 V	177	26.28	23.62

REMARKS:

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

CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	54.0 PK	74.0	-20.0	1.17 H	132	46.62	7.38
2	#5715.00	41.4 AV	54.0	-12.6	1.17 H	132	34.02	7.38
3	#5725.00	62.3 PK	78.2	-15.9	1.17 H	132	54.92	7.38
4	*5745.00	96.7 PK			1.17 H	132	89.32	7.38
5	*5745.00	86.8 AV			1.17 H	132	79.42	7.38
6	11490.00	55.1 PK	74.0	-18.9	1.25 H	12	40.58	14.52
7	11490.00	42.9 AV	54.0	-11.1	1.25 H	12	28.38	14.52
8	#17235.00	62.7 PK	74.0	-11.3	1.43 H	227	38.94	23.76
9	#17235.00	49.2 AV	54.0	-4.8	1.43 H	227	25.44	23.76
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	63.2 PK	74.0	-10.8	2.54 V	66	55.82	7.38
2	#5715.00	44.7 AV	54.0	-9.3	2.54 V	66	37.32	7.38
3	#5725.00	65.3 PK	78.2	-12.9	2.54 V	66	57.92	7.38
4	*5745.00	105.5 PK			2.54 V	66	98.12	7.38
5	*5745.00	95.1 AV			2.54 V	66	87.72	7.38
6	11490.00	55.4 PK	74.0	-18.6	1.39 V	325	40.88	14.52
7	11490.00	43.2 AV	54.0	-10.8	1.39 V	325	28.68	14.52
8	#17235.00	63.1 PK	74.0	-10.9	1.49 V	224	39.34	23.76
9	#17235.00	49.1 AV	54.0	-4.9	1.49 V	224	25.34	23.76

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5785.00	97.5 PK			1.11 H	114	90.12	7.38
2	*5785.00	86.9 AV			1.11 H	114	79.52	7.38
3	11570.00	56.2 PK	74.0	-17.8	1.31 H	10	41.63	14.57
4	11570.00	43.9 AV	54.0	-10.1	1.31 H	10	29.33	14.57
5	#17355.00	62.3 PK	74.0	-11.7	1.42 H	237	38.24	24.06
6	#17355.00	49.0 AV	54.0	-5.0	1.42 H	237	24.94	24.06
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	*5785.00	105.5 PK			1.01 V	184	98.12	7.38
2	*5785.00	94.9 AV			1.01 V	184	87.52	7.38
3	11570.00	55.6 PK	74.0	-18.4	1.54 V	324	41.03	14.57
4	11570.00	43.6 AV	54.0	-10.4	1.54 V	324	29.03	14.57
5	#17355.00	63.1 PK	74.0	-10.9	1.51 V	204	39.04	24.06
6	#17355.00	49.0 AV	54.0	-5.0	1.51 V	204	24.94	24.06

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5825.00	97.8 PK			1.16 H	98	90.49	7.31
2	*5825.00	87.1 AV			1.16 H	98	79.79	7.31
3	#5850.00	59.8 PK	78.2	-18.4	1.16 H	98	52.55	7.25
4	#5860.00	53.0 PK	74.0	-21.0	1.16 H	98	45.78	7.22
5	#5860.00	39.9 AV	54.0	-14.1	1.16 H	98	32.68	7.22
6	11650.00	54.6 PK	74.0	-19.4	1.31 H	13	39.93	14.67
7	11650.00	42.1 AV	54.0	-11.9	1.31 H	13	27.43	14.67
8	#17475.00	62.5 PK	74.0	-11.5	1.43 H	214	38.48	24.02
9	#17475.00	49.1 AV	54.0	-4.9	1.43 H	214	25.08	24.02
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			2.51 V	69	98.09	7.31
2	*5825.00	94.8 AV			2.51 V	69	87.49	7.31
3	#5850.00	62.9 PK	78.2	-15.3	2.51 V	69	55.65	7.25
4	#5860.00	55.2 PK	74.0	-18.8	2.51 V	69	47.98	7.22
5	#5860.00	42.1 AV	54.0	-11.9	2.51 V	69	34.88	7.22
6	11650.00	54.4 PK	74.0	-19.6	1.42 V	324	39.73	14.67
7	11650.00	42.5 AV	54.0	-11.5	1.42 V	324	27.83	14.67
8	#17475.00	62.6 PK	74.0	-11.4	1.33 V	181	38.58	24.02
9	#17475.00	48.8 AV	54.0	-5.2	1.33 V	181	24.78	24.02

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.

802.11ac (VHT40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	57.1 PK	74.0	-16.9	1.12 H	99	50.63	6.47
2	5150.00	44.4 AV	54.0	-9.6	1.12 H	99	37.93	6.47
3	*5190.00	91.3 PK			1.12 H	99	84.60	6.70
4	*5190.00	80.4 AV			1.12 H	99	73.70	6.70
5	#10380.00	55.9 PK	74.0	-18.1	1.32 H	3	41.69	14.21
6	#10380.00	43.2 AV	54.0	-10.8	1.32 H	3	28.99	14.21
7	15570.00	62.6 PK	74.0	-11.4	1.48 H	209	44.05	18.55
8	15570.00	49.0 AV	54.0	-5.0	1.48 H	209	30.45	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	5150.00	60.8 PK	74.0	-13.2	1.17 V	117	54.33	6.47
2	5150.00	47.2 AV	54.0	-6.8	1.17 V	117	40.73	6.47
3	*5190.00	98.2 PK			1.17 V	117	91.50	6.70
4	*5190.00	87.8 AV			1.17 V	117	81.10	6.70
5	#10380.00	54.4 PK	74.0	-19.6	1.45 V	343	40.19	14.21
6	#10380.00	42.5 AV	54.0	-11.5	1.45 V	343	28.29	14.21
7	15570.00	63.0 PK	74.0	-11.0	1.48 V	202	44.45	18.55
8	15570.00	49.1 AV	54.0	-4.9	1.48 V	202	30.55	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 46	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5230.00	90.9 PK			1.04 H	114	84.09	6.81
2	*5230.00	79.8 AV			1.04 H	114	72.99	6.81
3	#10460.00	55.8 PK	74.0	-18.2	1.37 H	10	41.75	14.05
4	#10460.00	43.1 AV	54.0	-10.9	1.37 H	10	29.05	14.05
5	15690.00	62.0 PK	74.0	-12.0	1.34 H	227	43.13	18.87
6	15690.00	48.9 AV	54.0	-5.1	1.34 H	227	30.03	18.87
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5230.00	96.8 PK			1.22 V	100	89.99	6.81
2	*5230.00	86.8 AV			1.22 V	100	79.99	6.81
3	#10460.00	55.3 PK	74.0	-18.7	1.42 V	318	41.25	14.05
4	#10460.00	43.3 AV	54.0	-10.7	1.42 V	318	29.25	14.05
5	15690.00	62.6 PK	74.0	-11.4	1.53 V	188	43.73	18.87
6	15690.00	48.8 AV	54.0	-5.2	1.53 V	188	29.93	18.87

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5270.00	91.5 PK			1.15 H	91	84.64	6.86
2	*5270.00	80.5 AV			1.15 H	91	73.64	6.86
3	#10540.00	56.1 PK	74.0	-17.9	1.25 H	0	42.37	13.73
4	#10540.00	43.4 AV	54.0	-10.6	1.25 H	0	29.67	13.73
5	15810.00	61.1 PK	74.0	-12.9	1.38 H	232	41.68	19.42
6	15810.00	47.9 AV	54.0	-6.1	1.38 H	232	28.48	19.42
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	*5270.00	97.4 PK			1.22 V	84	90.54	6.86
2	*5270.00	87.2 AV			1.22 V	84	80.34	6.86
3	#10540.00	55.2 PK	74.0	-18.8	1.47 V	316	41.47	13.73
4	#10540.00	43.1 AV	54.0	-10.9	1.47 V	316	29.37	13.73
5	15810.00	62.7 PK	74.0	-11.3	1.42 V	189	43.28	19.42
6	15810.00	48.9 AV	54.0	-5.1	1.42 V	189	29.48	19.42

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	91.3 PK			1.10 H	104	84.36	6.94
2	*5310.00	80.6 AV			1.10 H	104	73.66	6.94
3	5350.00	52.8 PK	74.0	-21.2	1.10 H	104	45.76	7.04
4	5350.00	39.9 AV	54.0	-14.1	1.10 H	104	32.86	7.04
5	10620.00	55.9 PK	74.0	-18.1	1.29 H	3	42.36	13.54
6	10620.00	43.3 AV	54.0	-10.7	1.29 H	3	29.76	13.54
7	15930.00	62.0 PK	74.0	-12.0	1.45 H	209	43.08	18.92
8	15930.00	48.6 AV	54.0	-5.4	1.45 H	209	29.68	18.92
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	97.1 PK			1.45 V	82	90.16	6.94
2	*5310.00	86.1 AV			1.45 V	82	79.16	6.94
3	5350.00	54.2 PK	74.0	-19.8	1.45 V	62	47.16	7.04
4	5350.00	41.3 AV	54.0	-12.7	1.45 V	62	34.26	7.04
5	10620.00	55.2 PK	74.0	-18.8	1.44 V	341	41.66	13.54
6	10620.00	43.4 AV	54.0	-10.6	1.44 V	341	29.86	13.54
7	15930.00	63.7 PK	74.0	-10.3	1.40 V	187	44.78	18.92
8	15930.00	49.6 AV	54.0	-4.4	1.40 V	187	30.68	18.92

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	52.9 PK	74.0	-21.1	1.18 H	107	45.61	7.29
2	#5470.00	40.3 AV	54.0	-13.7	1.18 H	107	33.01	7.29
3	*5510.00	91.4 PK			1.18 H	107	84.09	7.31
4	*5510.00	80.5 AV			1.18 H	107	73.19	7.31
5	11020.00	55.7 PK	74.0	-18.3	1.24 H	11	41.42	14.28
6	11020.00	43.3 AV	54.0	-10.7	1.24 H	11	29.02	14.28
7	#16530.00	62.3 PK	74.0	-11.7	1.41 H	224	41.07	21.23
8	#16530.00	48.9 AV	54.0	-5.1	1.41 H	224	27.67	21.23
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	53.4 PK	74.0	-20.6	1.47 V	87	46.11	7.29
2	#5470.00	41.5 AV	54.0	-12.5	1.47 V	87	34.21	7.29
3	*5510.00	97.4 PK			1.47 V	87	90.09	7.31
4	*5510.00	86.3 AV			1.47 V	87	78.99	7.31
5	11020.00	56.0 PK	74.0	-18.0	1.49 V	312	41.72	14.28
6	11020.00	43.9 AV	54.0	-10.1	1.49 V	312	29.62	14.28
7	#16530.00	62.4 PK	74.0	-11.6	1.46 V	187	41.17	21.23
8	#16530.00	48.6 AV	54.0	-5.4	1.46 V	187	27.37	21.23

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) 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	*5590.00	91.3 PK			1.10 H	88	84.15	7.15
2	*5590.00	80.5 AV			1.10 H	88	73.35	7.15
3	11180.00	54.7 PK	74.0	-19.3	1.31 H	18	40.23	14.47
4	11180.00	42.5 AV	54.0	-11.5	1.31 H	18	28.03	14.47
5	#16770.00	62.8 PK	74.0	-11.2	1.40 H	223	40.77	22.03
6	#16770.00	48.9 AV	54.0	-5.1	1.40 H	223	26.87	22.03
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	*5590.00	98.2 PK			1.17 V	133	91.05	7.15
2	*5590.00	87.7 AV			1.17 V	133	80.55	7.15
3	11180.00	54.6 PK	74.0	-19.4	1.53 V	318	40.13	14.47
4	11180.00	42.6 AV	54.0	-11.4	1.53 V	318	28.13	14.47
5	#16770.00	62.3 PK	74.0	-11.7	1.50 V	179	40.27	22.03
6	#16770.00	48.7 AV	54.0	-5.3	1.50 V	179	26.67	22.03

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	91.0 PK			1.12 H	83	83.69	7.31
2	*5670.00	80.1 AV			1.12 H	83	72.79	7.31
3	#5725.00	52.3 PK	74.0	-21.7	1.12 H	83	44.92	7.38
4	#5725.00	39.3 AV	54.0	-14.7	1.12 H	83	31.92	7.38
5	11340.00	56.7 PK	74.0	-17.3	1.31 H	30	42.14	14.56
6	11340.00	43.9 AV	54.0	-10.1	1.31 H	30	29.34	14.56
7	#17010.00	62.3 PK	74.0	-11.7	1.44 H	238	38.91	23.39
8	#17010.00	48.5 AV	54.0	-5.5	1.44 H	238	25.11	23.39
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	97.7 PK			1.45 V	82	90.39	7.31
2	*5670.00	86.6 AV			1.45 V	82	79.29	7.31
3	#5725.00	53.7 PK	74.0	-20.3	1.45 V	82	46.32	7.38
4	#5725.00	41.5 AV	54.0	-12.5	1.45 V	82	34.12	7.38
5	11340.00	55.0 PK	74.0	-19.0	1.54 V	331	40.44	14.56
6	11340.00	43.0 AV	54.0	-11.0	1.54 V	331	28.44	14.56
7	#17010.00	63.1 PK	74.0	-10.9	1.47 V	168	39.71	23.39
8	#17010.00	48.9 AV	54.0	-5.1	1.47 V	168	25.51	23.39

REMARKS:

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

CHANNEL	TX Channel 142	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5710.00	90.9 PK			1.13 H	77	83.51	7.39
2	*5710.00	79.9 AV			1.13 H	77	72.51	7.39
3	#5850.00	52.2 PK	78.2	-26.0	1.16 H	86	44.95	7.25
4	11420.00	56.3 PK	74.0	-17.7	1.34 H	24	41.51	14.79
5	11420.00	43.5 AV	54.0	-10.5	1.34 H	24	28.71	14.79
6	#17130.00	62.8 PK	74.0	-11.2	1.48 H	237	39.49	23.31
7	#17130.00	48.9 AV	54.0	-5.1	1.48 H	237	25.59	23.31
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	*5710.00	97.5 PK			1.47 V	93	90.11	7.39
2	*5710.00	86.3 AV			1.47 V	93	78.91	7.39
3	#5850.00	52.4 PK	78.2	-25.8	1.40 V	72	45.15	7.25
4	11420.00	55.4 PK	74.0	-18.6	1.54 V	328	40.61	14.79
5	11420.00	43.3 AV	54.0	-10.7	1.54 V	328	28.51	14.79
6	#17130.00	62.8 PK	74.0	-11.2	1.52 V	167	39.49	23.31
7	#17130.00	48.7 AV	54.0	-5.3	1.52 V	167	25.39	23.31

REMARKS:

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

CHANNEL	TX Channel 151	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	54.2 PK	74.0	-19.8	1.12 H	84	46.82	7.38
2	#5715.00	41.8 AV	54.0	-12.2	1.12 H	84	34.42	7.38
3	#5725.00	56.4 PK	78.2	-21.8	1.12 H	84	49.02	7.38
4	*5755.00	90.7 PK			1.12 H	84	83.32	7.38
5	*5755.00	79.8 AV			1.12 H	84	72.42	7.38
6	11510.00	55.7 PK	74.0	-18.3	1.32 H	0	41.20	14.50
7	11510.00	43.0 AV	54.0	-11.0	1.32 H	0	28.50	14.50
8	#17265.00	62.8 PK	74.0	-11.2	1.42 H	234	39.28	23.52
9	#17265.00	49.1 AV	54.0	-4.9	1.42 H	234	25.58	23.52
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	58.2 PK	74.0	-15.8	1.48 V	73	50.82	7.38
2	#5715.00	45.1 AV	54.0	-8.9	1.48 V	73	37.72	7.38
3	#5725.00	59.1 PK	78.2	-19.1	1.48 V	73	51.72	7.38
4	*5755.00	97.2 PK			1.42 V	70	89.82	7.38
5	*5755.00	86.2 AV			1.42 V	70	78.82	7.38
6	11510.00	55.3 PK	74.0	-18.7	1.44 V	315	40.80	14.50
7	11510.00	43.3 AV	54.0	-10.7	1.44 V	315	28.80	14.50
8	#17265.00	62.9 PK	74.0	-11.1	1.51 V	202	39.38	23.52
9	#17265.00	48.8 AV	54.0	-5.2	1.51 V	202	25.28	23.52

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) 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	*5795.00	91.0 PK			1.07 H	96	83.62	7.38
2	*5795.00	80.3 AV			1.07 H	96	72.92	7.38
3	#5850.00	49.6 PK	78.2	-28.6	1.07 H	96	42.35	7.25
4	#5860.00	52.9 PK	74.0	-21.1	1.07 H	96	45.68	7.22
5	#5860.00	39.9 AV	54.0	-14.1	1.07 H	96	32.68	7.22
6	11590.00	55.9 PK	74.0	-18.1	1.24 H	19	41.29	14.61
7	11590.00	43.0 AV	54.0	-11.0	1.24 H	19	28.39	14.61
8	#17385.00	62.9 PK	74.0	-11.1	1.48 H	215	38.41	24.49
9	#17385.00	49.4 AV	54.0	-4.6	1.48 H	215	24.91	24.49
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	98.1 PK			1.06 V	53	90.72	7.38
2	*5795.00	87.2 AV			1.06 V	53	79.82	7.38
3	#5850.00	52.4 PK	78.2	-25.8	1.47 V	73	45.15	7.25
4	#5860.00	51.7 PK	74.0	-22.3	1.47 V	73	44.48	7.22
5	#5860.00	42.2 AV	54.0	-11.8	1.47 V	73	34.98	7.22
6	11590.00	55.7 PK	74.0	-18.3	1.50 V	314	41.09	14.61
7	11590.00	43.2 AV	54.0	-10.8	1.50 V	314	28.59	14.61
8	#17385.00	62.9 PK	74.0	-11.1	1.45 V	206	38.41	24.49
9	#17385.00	48.9 AV	54.0	-5.1	1.45 V	206	24.41	24.49

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.

802.11ac (VHT80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	53.2 PK	74.0	-20.8	1.02 H	91	46.73	6.47
2	5150.00	40.2 AV	54.0	-13.8	1.02 H	91	33.73	6.47
3	*5210.00	87.6 PK			1.02 H	91	80.82	6.78
4	*5210.00	77.2 AV			1.02 H	91	70.42	6.78
5	#10420.00	55.1 PK	74.0	-18.9	1.27 H	4	40.95	14.15
6	#10420.00	42.8 AV	54.0	-11.2	1.27 H	4	28.65	14.15
7	15630.00	62.4 PK	74.0	-11.6	1.48 H	223	43.88	18.52
8	15630.00	49.2 AV	54.0	-4.8	1.48 H	223	30.68	18.52
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	5150.00	52.4 PK	74.0	-21.6	1.16 V	100	45.93	6.47
2	5150.00	42.6 AV	54.0	-11.4	1.16 V	100	36.13	6.47
3	*5210.00	95.1 PK			1.16 V	100	88.32	6.78
4	*5210.00	84.6 AV			1.16 V	100	77.82	6.78
5	#10420.00	55.2 PK	74.0	-18.8	1.50 V	304	41.05	14.15
6	#10420.00	42.9 AV	54.0	-11.1	1.50 V	304	28.75	14.15
7	15630.00	62.1 PK	74.0	-11.9	1.43 V	213	43.58	18.52
8	15630.00	48.7 AV	54.0	-5.3	1.43 V	213	30.18	18.52

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5290.00	86.8 PK			1.00 H	98	79.91	6.89
2	*5290.00	76.7 AV			1.00 H	98	69.81	6.89
3	5350.00	52.3 PK	74.0	-21.7	1.00 H	98	45.26	7.04
4	5350.00	39.4 AV	54.0	-14.6	1.00 H	98	32.36	7.04
5	#10580.00	56.1 PK	74.0	-17.9	1.26 H	15	42.57	13.53
6	#10580.00	43.5 AV	54.0	-10.5	1.26 H	15	29.97	13.53
7	15870.00	62.5 PK	74.0	-11.5	1.42 H	216	43.35	19.15
8	15870.00	49.5 AV	54.0	-4.5	1.42 H	216	30.35	19.15
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	*5290.00	94.7 PK			1.07 V	104	87.81	6.89
2	*5290.00	84.7 AV			1.07 V	104	77.81	6.89
3	5350.00	51.2 PK	74.0	-22.8	1.07 V	104	44.16	7.04
4	5350.00	41.9 AV	54.0	-12.1	1.07 V	104	34.86	7.04
5	#10580.00	55.5 PK	74.0	-18.5	1.45 V	317	41.97	13.53
6	#10580.00	42.9 AV	54.0	-11.1	1.45 V	317	29.37	13.53
7	15870.00	62.7 PK	74.0	-11.3	1.39 V	212	43.55	19.15
8	15870.00	48.6 AV	54.0	-5.4	1.39 V	212	29.45	19.15

REMARKS:

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

CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	52.4 PK	74.0	-21.6	1.07 H	78	45.11	7.29
2	#5470.00	39.5 AV	54.0	-14.5	1.07 H	78	32.21	7.29
3	*5530.00	88.0 PK			1.07 H	78	80.73	7.27
4	*5530.00	77.7 AV			1.07 H	78	70.43	7.27
5	11060.00	55.7 PK	74.0	-18.3	1.33 H	24	41.35	14.35
6	11060.00	43.3 AV	54.0	-10.7	1.33 H	24	28.95	14.35
7	#16590.00	62.6 PK	74.0	-11.4	1.40 H	220	40.86	21.74
8	#16590.00	49.0 AV	54.0	-5.0	1.40 H	220	27.26	21.74
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	51.7 PK	74.0	-22.3	1.18 V	106	44.41	7.29
2	#5470.00	42.0 AV	54.0	-12.0	1.18 V	106	34.71	7.29
3	*5530.00	94.4 PK			1.18 V	106	87.13	7.27
4	*5530.00	84.4 AV			1.18 V	106	77.13	7.27
5	11060.00	55.4 PK	74.0	-18.6	1.52 V	308	41.05	14.35
6	11060.00	42.9 AV	54.0	-11.1	1.52 V	308	28.55	14.35
7	#16590.00	61.7 PK	74.0	-12.3	1.45 V	185	39.96	21.74
8	#16590.00	48.3 AV	54.0	-5.7	1.45 V	185	26.56	21.74

REMARKS:

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

CHANNEL	TX Channel 122	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	87.5 PK			1.00 H	98	80.35	7.15
2	*5610.00	77.2 AV			1.00 H	98	70.05	7.15
3	#5725.00	53.0 PK	74.0	-21.0	1.00 H	98	45.62	7.38
4	#5725.00	39.9 AV	54.0	-14.1	1.00 H	98	32.52	7.38
5	11220.00	54.9 PK	74.0	-19.1	1.19 H	0	40.46	14.44
6	11220.00	42.6 AV	54.0	-11.4	1.19 H	0	28.16	14.44
7	#16830.00	62.5 PK	74.0	-11.5	1.51 H	233	40.32	22.18
8	#16830.00	49.2 AV	54.0	-4.8	1.51 H	233	27.02	22.18
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	*5610.00	95.3 PK			1.20 V	98	88.15	7.15
2	*5610.00	84.8 AV			1.20 V	98	77.65	7.15
3	#5725.00	51.3 PK	74.0	-22.7	1.20 V	98	43.92	7.38
4	#5725.00	42.0 AV	54.0	-12.0	1.20 V	98	34.62	7.38
5	11220.00	55.5 PK	74.0	-18.5	1.53 V	303	41.06	14.44
6	11220.00	43.3 AV	54.0	-10.7	1.53 V	303	28.86	14.44
7	#16830.00	62.5 PK	74.0	-11.5	1.37 V	206	40.32	22.18
8	#16830.00	48.5 AV	54.0	-5.5	1.37 V	206	26.32	22.18

REMARKS:

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

CHANNEL	TX Channel 138	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5690.00	86.7 PK			1.00 H	103	79.33	7.37
2	*5690.00	76.6 AV			1.00 H	103	69.23	7.37
3	#5850.00	52.5 PK	78.2	-25.7	1.01 H	85	45.25	7.25
4	11380.00	54.3 PK	74.0	-19.7	1.23 H	0	39.54	14.76
5	11380.00	42.5 AV	54.0	-11.5	1.23 H	0	27.74	14.76
6	#17070.00	62.3 PK	74.0	-11.7	1.51 H	220	39.17	23.13
7	#17070.00	49.1 AV	54.0	-4.9	1.51 H	220	25.97	23.13
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	*5690.00	95.2 PK			1.20 V	92	87.83	7.37
2	*5690.00	85.0 AV			1.20 V	92	77.63	7.37
3	#5850.00	52.6 PK	78.2	-25.6	1.19 V	99	45.35	7.25
4	11380.00	55.9 PK	74.0	-18.1	1.45 V	276	41.14	14.76
5	11380.00	43.6 AV	54.0	-10.4	1.45 V	276	28.84	14.76
6	#17070.00	62.3 PK	74.0	-11.7	1.32 V	193	39.17	23.13
7	#17070.00	48.2 AV	54.0	-5.8	1.32 V	193	25.07	23.13

REMARKS:

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

CHANNEL	TX Channel 155	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	52.7 PK	74.0	-21.3	1.00 H	77	45.32	7.38
2	#5715.00	39.9 AV	54.0	-14.1	1.00 H	77	32.52	7.38
3	#5725.00	58.7 PK	78.2	-19.5	1.00 H	77	51.32	7.38
4	*5775.00	87.3 PK			1.00 H	77	79.92	7.38
5	*5775.00	77.1 AV			1.00 H	77	69.72	7.38
6	#5850.00	54.6 PK	78.2	-23.6	1.00 H	77	47.35	7.25
7	#5860.00	52.3 PK	74.0	-21.7	1.00 H	77	45.08	7.22
8	#5860.00	39.3 AV	54.0	-14.7	1.00 H	77	32.08	7.22
9	11550.00	55.6 PK	74.0	-18.4	1.35 H	18	41.05	14.55
10	11550.00	43.1 AV	54.0	-10.9	1.35 H	18	28.55	14.55
11	#17325.00	62.6 PK	74.0	-11.4	1.38 H	222	38.98	23.62
12	#17325.00	48.9 AV	54.0	-5.1	1.38 H	222	25.28	23.62
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	53.1 PK	74.0	-20.9	1.18 V	105	45.72	7.38
2	#5715.00	43.7 AV	54.0	-10.3	1.18 V	105	36.32	7.38
3	#5725.00	62.1 PK	78.2	-16.1	1.18 V	105	54.72	7.38
4	*5775.00	94.2 PK			1.18 V	105	86.82	7.38
5	*5775.00	84.1 AV			1.18 V	105	76.72	7.38
6	#5850.00	57.8 PK	78.2	-20.4	1.18 V	105	50.55	7.25
7	#5860.00	52.2 PK	74.0	-21.8	1.18 V	105	44.98	7.22
8	#5860.00	42.6 AV	54.0	-11.4	1.18 V	105	35.38	7.22
9	11550.00	56.1 PK	74.0	-17.9	1.46 V	295	41.55	14.55
10	11550.00	43.6 AV	54.0	-10.4	1.46 V	295	29.05	14.55
11	#17325.00	62.7 PK	74.0	-11.3	1.50 V	209	39.08	23.62
12	#17325.00	48.5 AV	54.0	-5.5	1.50 V	209	24.88	23.62

REMARKS:

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

Below 1GHz Data

CHANNEL	TX Channel 100	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	61.41	30.0 QP	40.0	-10.0	1.24 H	211	44.09	-14.08
2	165.81	37.3 QP	43.5	-6.2	1.11 H	244	50.63	-13.29
3	232.61	38.1 QP	46.0	-7.9	1.67 H	78	53.32	-15.20
4	**752.11**	**42.7 QP**	**46.0**	**-3.3**	**1.34 H**	**63**	**43.89**	**-1.18**
5	817.31	41.4 QP	46.0	-4.6	1.41 H	301	41.68	-0.26
6	841.41	40.2 QP	46.0	-5.8	1.24 H	244	40.37	-0.13
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	61.81	34.4 QP	40.0	-5.6	1.24 V	100	48.60	-14.23
2	165.42	34.6 QP	43.5	-8.9	1.20 V	100	47.85	-13.24
3	676.10	42.5 QP	46.0	-3.5	1.64 V	301	45.63	-3.12
4	753.34	41.2 QP	46.0	-4.8	1.64 V	301	42.31	-1.14
5	768.64	39.4 QP	46.0	-6.6	1.44 V	200	40.48	-1.06
6	818.31	40.4 QP	46.0	-5.6	1.64 V	300	40.66	-0.24

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

4.2 Conducted Emission Measurement

4.2.1 Limits of Conducted Emission Measurement

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

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

4.2.2 Test Instruments

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver R&S	ESCS 30	100375	May 06, 2015	May 05, 2016
Line-Impedance Stabilization Network (for EUT) R&S	ENV216	100072	June 11, 2015	June 10, 2016
Line-Impedance Stabilization Network (for Peripheral) R&S	ENV216	100071	Nov. 10, 2014	Nov. 09, 2015
RF Cable	5D-FB	COCCAB-001	Mar. 09, 2015	Mar. 08, 2016
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 BVADT	BVADT_Cond_ V7.3.7.3	NA	NA	NA

Note:

1. The calibration interval of the above test instruments are 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: Aug. 21, 2015

4.2.3 Test Procedure

a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.

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

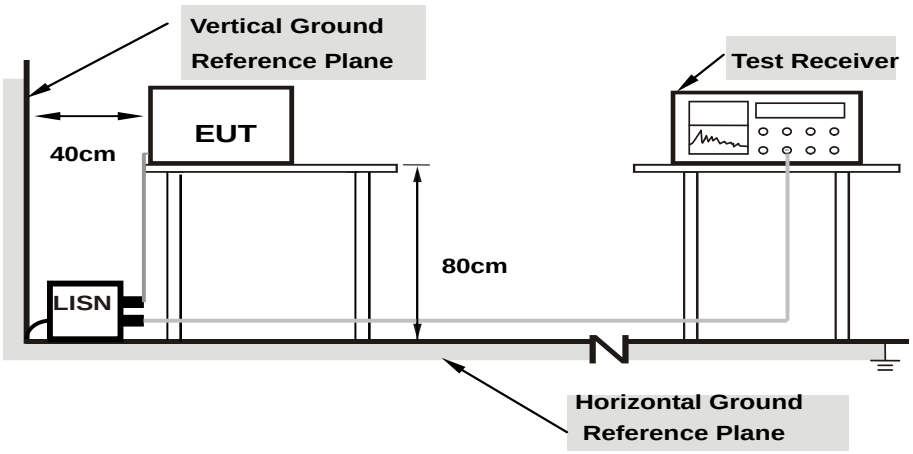
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

NOTE: All modes of operation were investigated and the worst-case emissions are reported.

4.2.4 Deviation from Test Standard

No deviation.

4.2.5 Test Setup



Note: 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

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

4.2.6 EUT Operating Condition

Same as 4.1.6.

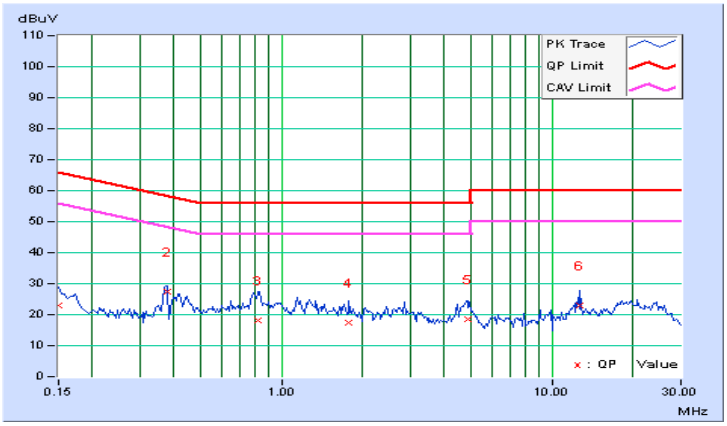
4.2.7 Test Results

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

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	0.08	22.82	14.18	22.90	14.26	66.00	56.00	-43.10	-41.74
2	0.37666	0.10	27.22	25.34	27.32	25.44	58.35	48.35	-31.03	-22.91
3	0.81797	0.12	18.08	12.88	18.20	13.00	56.00	46.00	-37.80	-33.00
4	1.77344	0.16	17.24	12.06	17.40	12.22	56.00	46.00	-38.60	-33.78
5	4.87109	0.25	18.38	9.60	18.63	9.85	56.00	46.00	-37.37	-36.15
6	12.75000	0.52	22.58	17.90	23.10	18.42	60.00	50.00	-36.90	-31.58

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

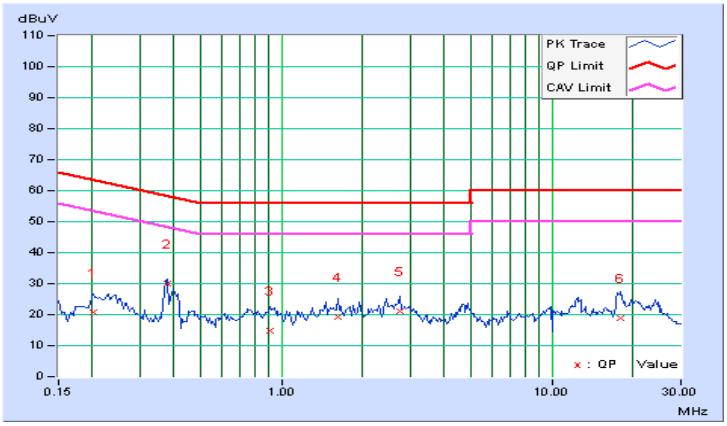


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.20078	0.08	20.64	15.90	20.72	15.98	63.58	53.58	-42.86	-37.60
2	**0.37656**	**0.10**	**29.76**	**29.00**	**29.86**	**29.10**	**58.35**	**48.35**	**-28.50**	**-19.26**
3	0.90781	0.13	14.78	9.84	14.91	9.97	56.00	46.00	-41.09	-36.03
4	1.61328	0.15	19.02	12.62	19.17	12.77	56.00	46.00	-36.83	-33.23
5	2.73047	0.19	20.94	14.80	21.13	14.99	56.00	46.00	-34.87	-31.01
6	17.94922	0.68	18.04	11.40	18.72	12.08	60.00	50.00	-41.28	-37.92

Remarks:

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



4.3 Transmit Power Measurment

4.3.1 Limits of Transmit Power Measurement

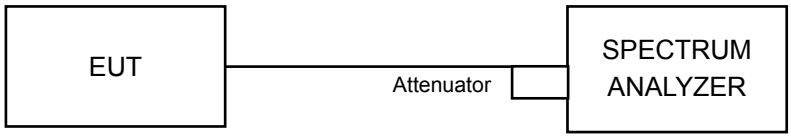
Operation Band	EUT Category		LIMIT
U-NII-1		Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p ≦ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
		Fixed point-to-point Access Point	1 Watt (30 dBm)
		Indoor Access Point	1 Watt (30 dBm)
	√	Mobile and Portable client 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)

*B is the 26 dB emission bandwidth in megahertz

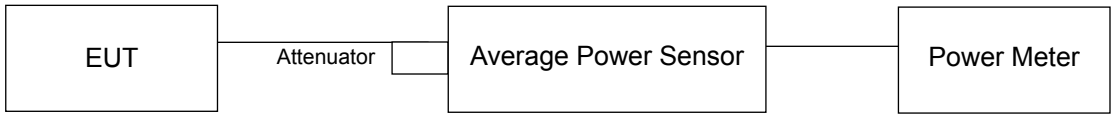
4.3.2 Test Setup

FOR POWER OUTPUT MEASUREMENT

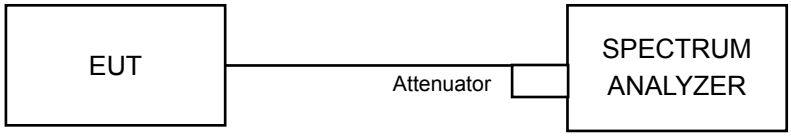
For channel straddling 5725MHz:



For other channels:



FOR 26dB OCCUPIED BANDWIDTH



4.3.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.3.4 Test Procedure

FOR AVERAGE POWER MEASUREMENT

For channel straddling 5725MHz:

802.11ac (VHT80)

Method SA-2

1. Set span to encompass the emission bandwidth (EBW) of the signal.
2. Set RBW =1MHz.
3. Set the VBW ≥ 3 x RBW.
4. Number of points in sweep ≥ 2 Span / RBW.
5. Sweep time = auto.
6. Detector = RMS.
7. Trace average at least 100 traces in power averaging mode
8. Compute power by integrating the spectrum across the 26 dB EBW of the signal.
9. Duty factor need added to measured value (duty cycle < 98 percent).

Other Modulation mode

Method SA-1

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW =1MHz.
3. Set the VBW ≥ 3 x RBW.
4. Number of points in sweep ≥ 2 Span / RBW.
5. Sweep time = auto.
6. Set trigger to free run (duty cycle ≥ 98 percent)
7. Detector = RMS.
8. Trace average at least 100 traces in power averaging mode
9. Compute power by integrating the spectrum across the 26 dB EBW of the signal.

For other channels:

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%.

4.3.5 Deviation from Test Standard

No deviation.

4.3.6 EUT Operating Condition

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

4.3.7 Test Result

802.11a

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
36	5180	26.853	14.29	24	Pass
40	5200	26.73	14.27	24	Pass
48	5240	26.607	14.25	24	Pass
52	5260	27.606	14.41	24	Pass
60	5300	27.733	14.43	24	Pass
64	5320	27.925	14.46	24	Pass
100	5500	30.269	14.81	24	Pass
120	5600	27.04	14.32	24	Pass
140	5700	26.546	14.24	24	Pass
*144 (UNII-2c Band)	5720	11.22	10.50	23.04	Pass
*144 (UNII-3 Band)	5720	2.742	4.38	30	Pass
149	5745	27.353	14.37	30	Pass
157	5785	27.606	14.41	30	Pass
165	5825	28.445	14.54	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
*144	5720	13.962	11.45
Note: The total power was calculated through formula and record the value for reference only.			

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)
36	5180	21.92
40	5200	21.83
48	5240	21.89
52	5260	21.88
60	5300	22.00
64	5320	22.03
100	5500	21.99
120	5600	21.99
140	5700	21.88
144 (UNII-2c Band)	5720	16.01

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	21.88	24.4 > 24
60	5300	22.00	24.42 > 24
64	5320	22.03	24.43 > 24
100	5500	21.99	24.42 > 24
120	5600	21.99	24.42 > 24
140	5700	21.88	24.4 > 24
144 (UNII-2c Band)	5720	16.01	23.04 < 24

802.11ac (VHT20)

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
36	5180	23.281	13.67	24	Pass
40	5200	23.496	13.71	24	Pass
48	5240	20.749	13.17	24	Pass
52	5260	20.324	13.08	24	Pass
60	5300	21.232	13.27	24	Pass
64	5320	21.429	13.31	24	Pass
100	5500	22.284	13.48	24	Pass
120	5600	24.66	13.92	24	Pass
140	5700	24.831	13.95	24	Pass
*144 (UNII-2c Band)	5720	7.551	8.78	23.04	Pass
*144 (UNII-3 Band)	5720	2.07	3.16	30	Pass
149	5745	20.941	13.21	30	Pass
157	5785	20.606	13.14	30	Pass
165	5825	21.232	13.27	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
*144	5720	9.621	9.83
Note: The total power was calculated through formula and record the value for reference only.			

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)
36	5180	22.22
40	5200	22.05
48	5240	22.13
52	5260	22.35
60	5300	22.11
64	5320	22.05
100	5500	22.43
120	5600	22.14
140	5700	22.02
144 (UNII-2c Band)	5720	15.99

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	22.35	24.49 > 24
60	5300	22.11	24.44 > 24
64	5320	22.05	24.43 > 24
100	5500	22.43	24.5 > 24
120	5600	22.14	24.45 > 24
140	5700	22.02	24.42 > 24
144 (UNII-2c Band)	5720	15.99	23.03 < 24

802.11ac (VHT40)

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
38	5190	14.689	11.67	24	Pass
46	5230	13.868	11.42	24	Pass
54	5270	13.614	11.34	24	Pass
62	5310	13.213	11.21	24	Pass
102	5510	14.488	11.61	24	Pass
118	5590	13.032	11.15	24	Pass
134	5670	12.972	11.13	24	Pass
*142 (UNII-2c Band)	5710	5.546	7.44	24	Pass
*142 (UNII-3 Band)	5710	0.5164	-2.87	30	Pass
151	5755	14.488	11.61	30	Pass
159	5795	15.101	11.79	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
*142	5710	6.0624	7.83
Note: The total power was calculated through formula and record the value for reference only.			

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)
38	5190	41.58
46	5230	41.82
54	5270	41.69
62	5310	41.78
102	5510	41.86
118	5590	41.67
134	5670	41.71
142 (UNII-2c Band)	5710	35.74

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	41.69	27.2 > 24
62	5310	41.78	27.2 > 24
102	5510	41.86	27.21 > 24
110	5550	41.67	27.19 > 24
134	5670	41.71	27.2 > 24
142 (UNII-2c Band)	5710	35.74	26.53 > 24

802.11ac (VHT80)

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
42	5210	13.552	11.32	24	Pass
58	5290	14.158	11.51	24	Pass
106	5530	13.552	11.32	24	Pass
122	5610	13.092	11.17	24	Pass
*138 (UNII-2c Band)	5690	5.518	7.42	24	Pass
*138 (UNII-3 Band)	5690	0.2217	-6.54	30	Pass
155	5775	13.459	11.29	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

The Total Power for the straddle channel:

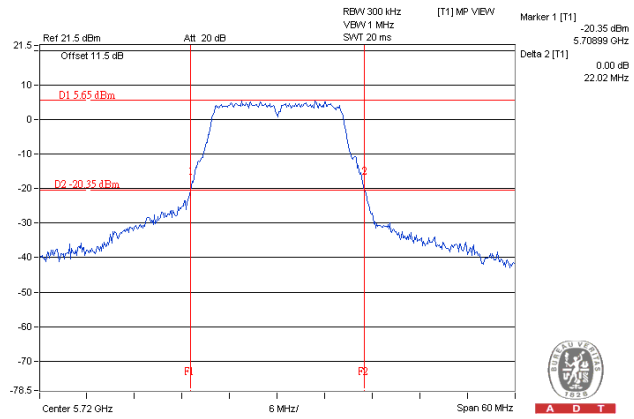
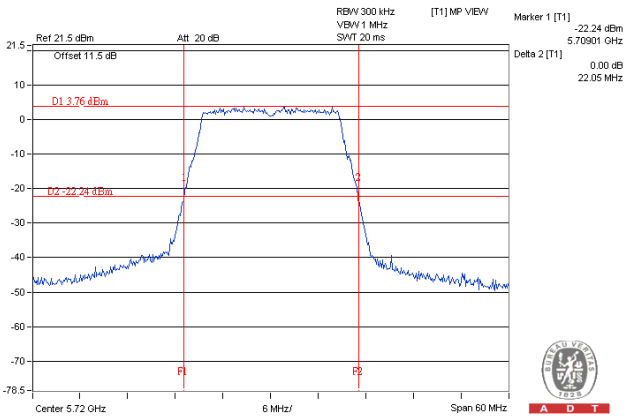
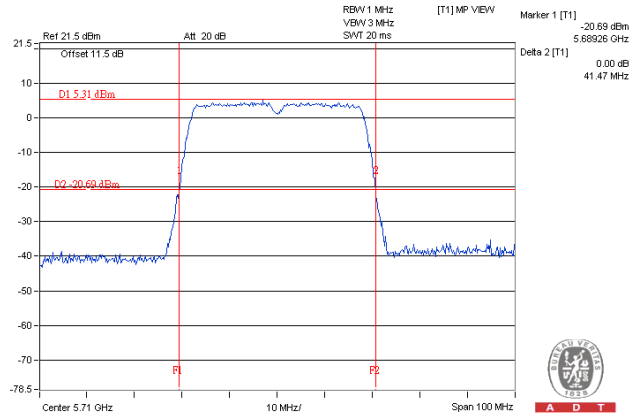
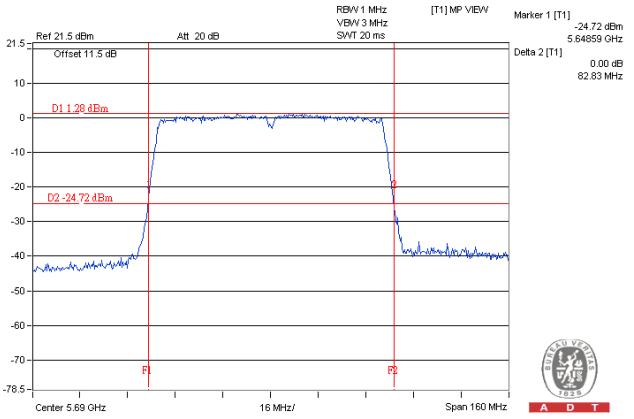
Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
*138	5690	5.7397	7.59
Note: The total power was calculated through formula and record the value for reference only.			

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)
42	5210	82.87
58	5290	82.45
106	5530	82.53
122	5610	82.56
138 (UNII-2c Band)	5690	76.41

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)
58	5290	82.45	30.16 > 24
106	5530	82.53	30.16 > 24
122	5610	82.56	30.16 > 24
138 (UNII-2c Band)	5690	76.41	29.83 > 24

Spectrum Plot of Worst Value	
802.11a / CH144 (UNII-2c Band)	**802.11ac (VHT20) / CH144 (UNII-2c Band)**
	
802.11ac (VHT40) / CH142 (UNII-2c Band)	**802.11ac (VHT80) / CH138 (UNII-2c Band)**
	

NOTE:

For CH144 (UNII-2c Band) = 5725MHz - Marker 1
For CH142 (UNII-2c Band) = 5725MHz - Marker 1
For CH138 (UNII-2c Band) = 5725MHz - Marker 1

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

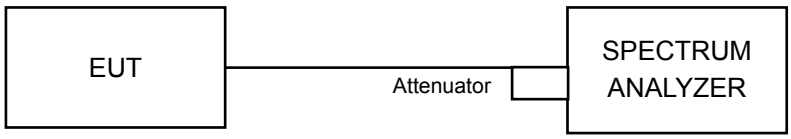
Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)
802.11a			
144	5720	14.18	26.182
802.11ac (VHT20)			
144	5720	13.74	23.659
802.11ac (VHT40)			
142	5710	11.22	13.243
802.11ac (VHT80)			
138	5690	11.24	13.305
Note: The total power was calculated through formula and record the value for reference only.			

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 Setup



4.4.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.4.4 Test Procedure

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

Using method SA-1

a. Set span to encompass the entire emission bandwidth (EBW) of the signal.
b. Set RBW = 1 MHz, Set VBW ≥ 3 MHz, Detector = RMS
c. Sweep time = auto, trigger set to “free run”.
d. Trace average at least 100 traces in power averaging mode.
e. Record the max value

For U-NII-3:

a. Set span to encompass the entire emission bandwidth (EBW) of the signal.
b. Set RBW = 300 kHz, Set VBW ≥ 1 MHz, Detector = RMS
c. Use the peak marker function to determine the maximum power level in any 300 kHz band segment within the fundamental EBW.
d. 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)
e. Sweep time = auto, trigger set to “free run”.
f. Trace average at least 100 traces in power averaging mode.
g. Record the max value

4.4.5 Deviation from Test Standard

No deviation.

4.4.6 EUT Operating Condition

Same as Item 4.3.6.

4.4.7 Test Results

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

802.11a

Chan.	Chan. Freq. (MHz)	Power Density (dBm)	MAX. Limit (dBm)	Pass / Fail
36	5180	0.59	11	Pass
40	5200	0.96	11	Pass
48	5240	1.03	11	Pass
52	5260	1.33	11	Pass
60	5300	1.82	11	Pass
64	5320	1.96	11	Pass
100	5500	1.32	11	Pass
120	5600	0.26	11	Pass
140	5700	0.89	11	Pass
144 (UNII-2c Band)	5720	0.25	11	Pass

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Power Density (dBm)	MAX. Limit (dBm)	Pass / Fail
36	5180	0.16	11	Pass
40	5200	0.35	11	Pass
48	5240	-0.85	11	Pass
52	5260	-0.47	11	Pass
60	5300	-0.11	11	Pass
64	5320	0.08	11	Pass
100	5500	-0.56	11	Pass
120	5600	-0.11	11	Pass
140	5700	0.56	11	Pass
144 (UNII-2c Band)	5720	-1.65	11	Pass

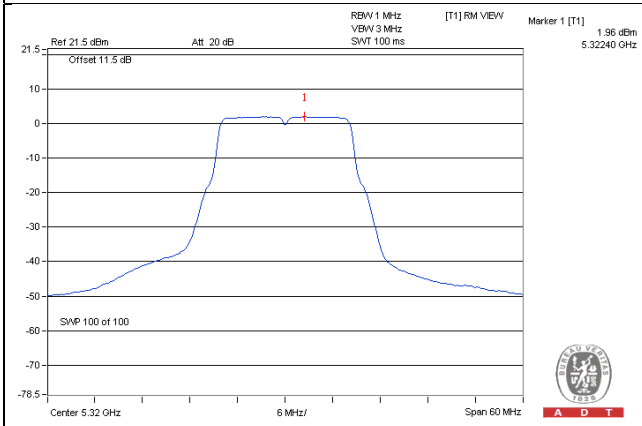
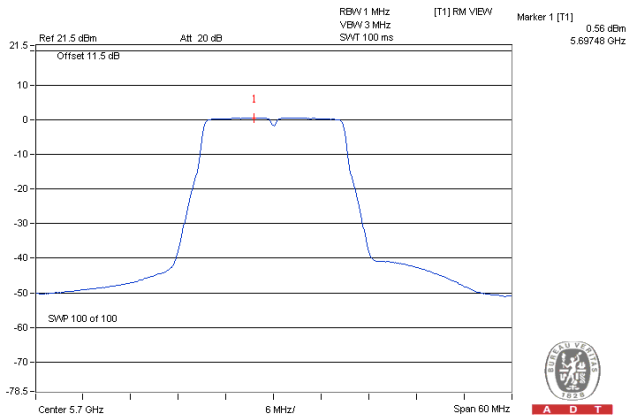
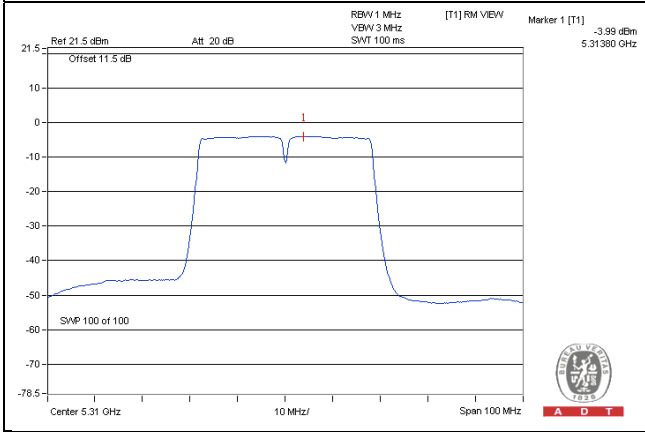
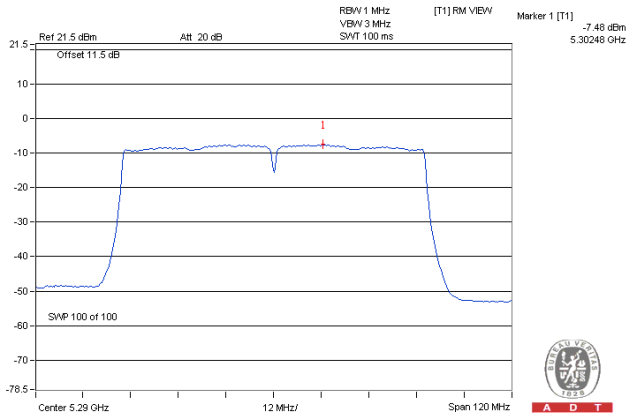
802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Power Density (dBm)	MAX. Limit (dBm)	Pass / Fail
38	5190	-4.45	11	Pass
46	5230	-4.42	11	Pass
54	5270	-4.36	11	Pass
62	5310	-3.99	11	Pass
102	5510	-5.25	11	Pass
118	5590	-5.89	11	Pass
134	5670	-5.98	11	Pass
142 (UNII-2c Band)	5710	-6.57	11	Pass

802.11ac (VHT80):

Chan.	Chan. Freq. (MHz)	PSD W/O Duty Factor (dBm)	Duty Factor (dB)	Total PSD With Duty Factor (dBm)	MAX. Limit (dBm)	Pass / Fail
42	5210	-8.19	0.28	-7.91	11	Pass
58	5290	-7.48	0.28	-7.20	11	Pass
106	5530	-8.45	0.28	-8.17	11	Pass
122	5610	-9.23	0.28	-8.95	11	Pass
138 (UNII-2c Band)	5690	-9.83	0.28	-9.55	11	Pass

Note: 1. Refer to section 3.3 for duty cycle spectrum plot.

Spectrum Plot of Worst Value	
802.11a / CH64	**802.11ac (VHT20) / CH140**
	
802.11ac (VHT40) / CH62	**802.11ac (VHT80) / CH58**
	

For U-NII-3:

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
144 (UNII-3 Band)	5720	-7.58	-5.36	30	Pass
149	5745	-6.50	-4.28	30	Pass
157	5785	-6.24	-4.02	30	Pass
165	5825	-5.89	-3.67	30	Pass

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
144 (UNII-3 Band)	5720	-9.57	-7.35	30	Pass
149	5745	-8.46	-6.24	30	Pass
157	5785	-8.07	-5.85	30	Pass
165	5825	-7.99	-5.77	30	Pass

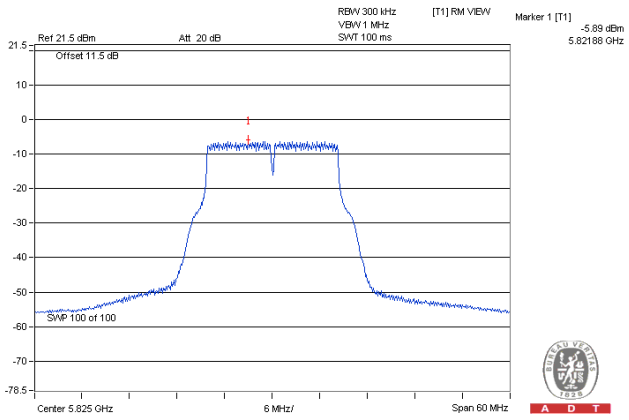
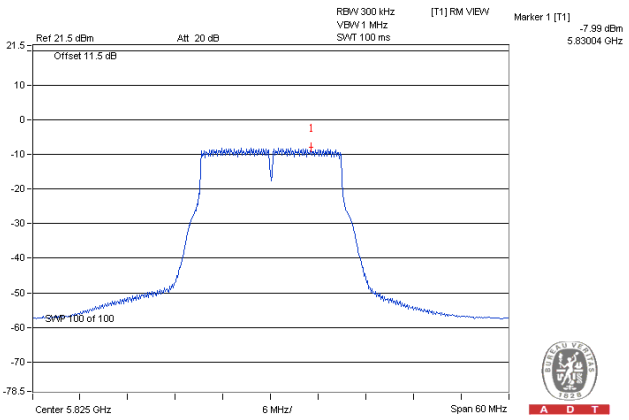
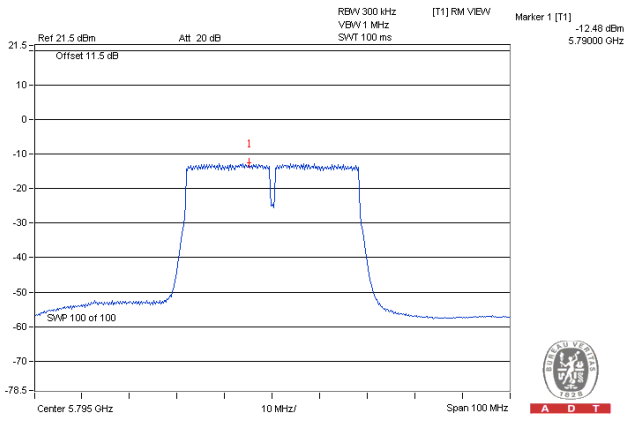
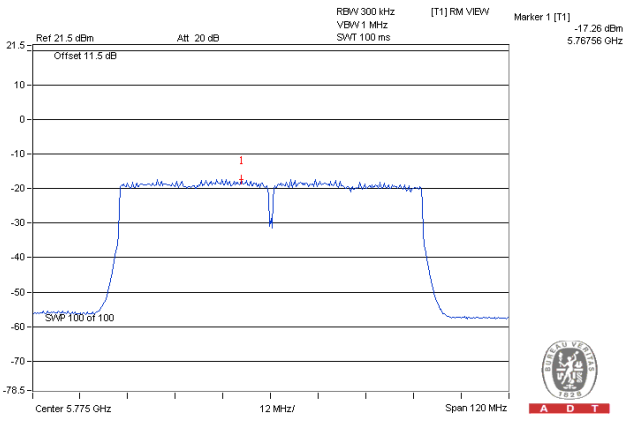
802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
142 (UNII-3 Band)	5710	-14.84	-12.62	30	Pass
151	5755	-12.71	-10.49	30	Pass
159	5795	-12.48	-10.26	30	Pass

802.11ac (VHT80)

Chan.	Chan. Freq. (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)				
138 (UNII-3 Band)	5690	-19.26	-17.04	0.28	-16.76	30	Pass
155	5775	-17.26	-15.04	0.28	-14.76	30	Pass

Note: 1. Refer to section 3.3 for duty cycle spectrum plot.

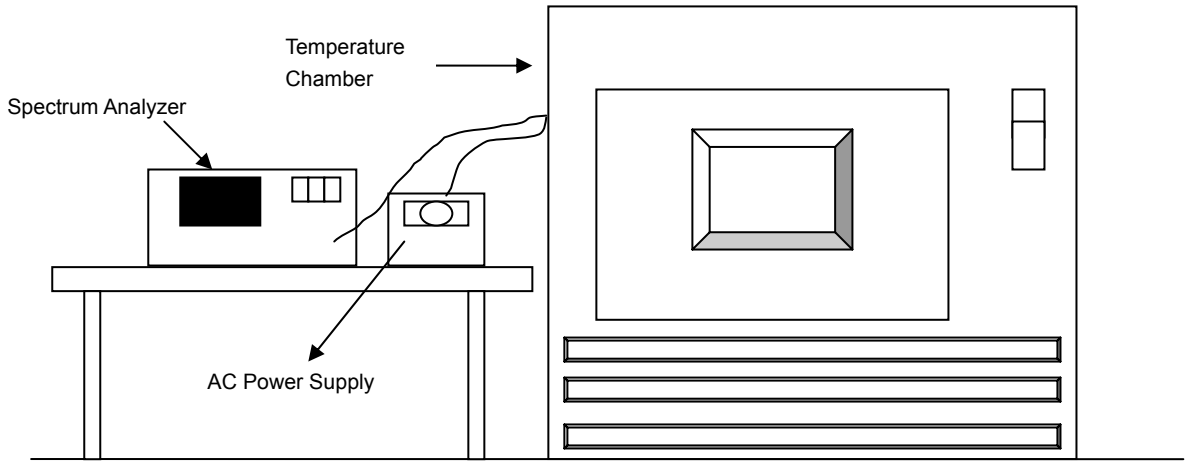
Spectrum Plot of Worst Value	
802.11a / CH165	**802.11ac (VHT20) / CH165**
	
802.11ac (VHT40) / CH159	**802.11ac (VHT80) / CH155**
	

4.5 Frequency Stability Measurement

4.5.1 Limits of Frequency Stability Measurement

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

4.5.2 Test Setup



4.5.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.5.4 Test Procedure

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

4.5.5 Deviation from Test Standard

No deviation.

4.5.6 EUT Operating Condition

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

4.5.7 Test Results

FREQUEMCY STABILITY VERSUS TEMP.									
OPERATING FREQUENCY: 5180MHz									
TEMP. (℃)	POWER SUPPLY (Vac)	0 MINUTE		2 MINUTE		5 MINUTE		10 MINUTE	
		Measured Frequency (MHz)	Frequency Drift (%)	Measured Frequency (MHz)	Frequency Drift (%)	Measured Frequency (MHz)	Frequency Drift (%)	Measured Frequency (MHz)	Frequency Drift (%)
50	120	5180.0054	0.00010	5180.0044	0.00008	5180.0027	0.00005	5180.0046	0.00009
40	120	5179.9943	-0.00011	5179.9947	-0.00010	5179.9963	-0.00007	5179.9931	-0.00013
30	120	5179.9845	-0.00030	5179.9867	-0.00026	5179.9827	-0.00033	5179.9875	-0.00024
20	120	5180.0115	0.00022	5180.0109	0.00021	5180.0112	0.00022	5180.0123	0.00024
10	120	5179.9907	-0.00018	5179.9936	-0.00012	5179.9933	-0.00013	5179.9928	-0.00014
0	120	5180.0096	0.00019	5180.0102	0.00020	5180.0082	0.00016	5180.0096	0.00019
-10	120	5180.0124	0.00024	5180.01	0.00019	5180.0116	0.00022	5180.014	0.00027
-20	120	5180.0165	0.00032	5180.0134	0.00026	5180.0143	0.00028	5180.0132	0.00025
-30	120	5179.9915	-0.00016	5179.993	-0.00014	5179.9917	-0.00016	5179.9946	-0.00010

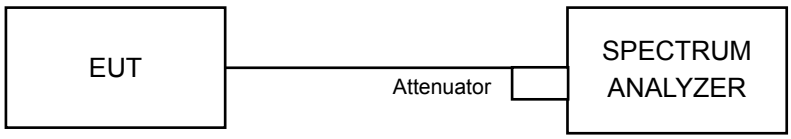
FREQUEMCY STABILITY VERSUS VOLTAGE									
OPERATING FREQUENCY: 5180MHz									
TEMP. (℃)	POWER SUPPLY (Vac)	0 MINUTE		2 MINUTE		5 MINUTE		10 MINUTE	
		Measured Frequency (MHz)	Frequency Drift (%)	Measured Frequency (MHz)	Frequency Drift (%)	Measured Frequency (MHz)	Frequency Drift (%)	Measured Frequency (MHz)	Frequency Drift (%)
20	138	5180.0115	0.00022	5180.0103	0.00020	5180.0114	0.00022	5180.0119	0.00023
	120	5180.0115	0.00022	5180.0109	0.00021	5180.0112	0.00022	5180.0123	0.00024
	102	5180.0107	0.00021	5180.0114	0.00022	5180.0118	0.00023	5180.0116	0.00022

4.6 6dB Bandwidth Measurment

4.6.1 Limits of 6dB Bandwidth Measurement

The minimum of 6dB Bandwidth Measurement is 0.5MHz.

4.6.2 Test Setup



4.6.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.6.4 Test Procedure

MEASUREMENT PROCEDURE REF

a. Set resolution bandwidth (RBW) = 100kHz
b. Set the video bandwidth (VBW) ≥ 3 x RBW, Detector = Peak.
c. Trace mode = max hold.
d. Sweep = auto couple.
e. 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

4.6.5 Deviation from Test Standard

No deviation.

4.6.6 EUT Operating Condition

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	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
*144 (UNII-3 Band)	5720	3.22	0.5	Pass
149	5745	16.41	0.5	Pass
157	5785	16.40	0.5	Pass
165	5825	16.41	0.5	Pass

Note: *The 6dB bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ac (VHT20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
*144 (UNII-3 Band)	5720	3.82	0.5	Pass
149	5745	17.67	0.5	Pass
157	5785	17.67	0.5	Pass
165	5825	17.66	0.5	Pass

Note: *The 6dB bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ac (VHT40)

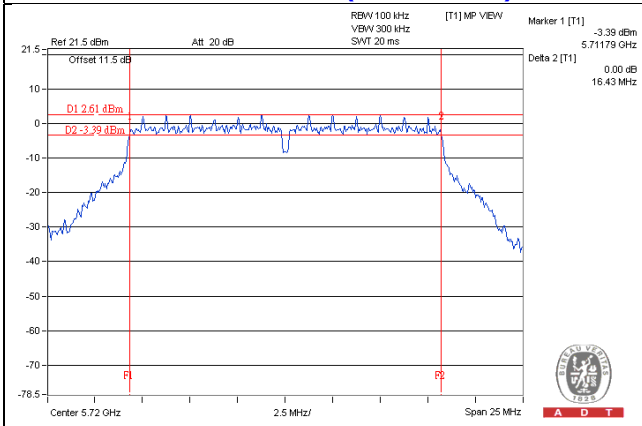
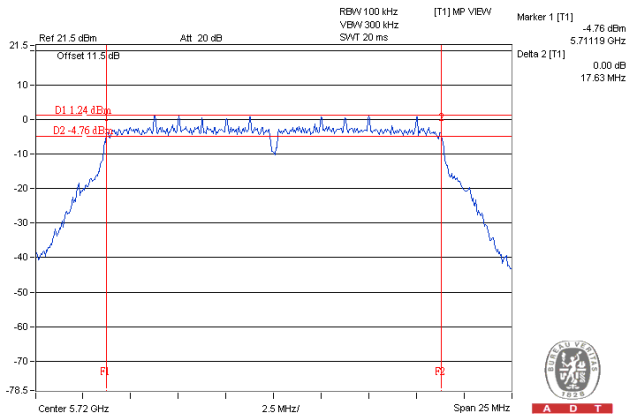
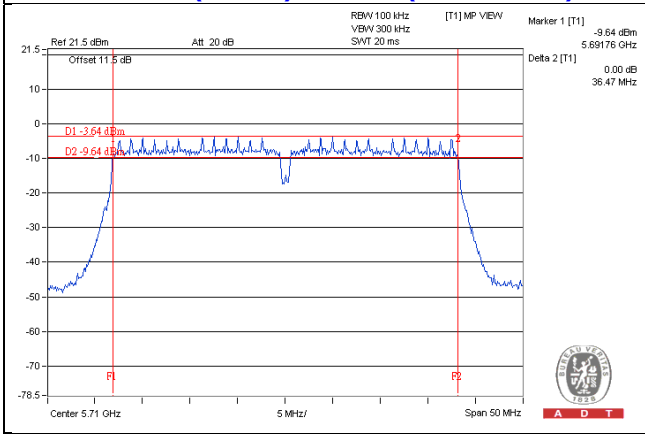
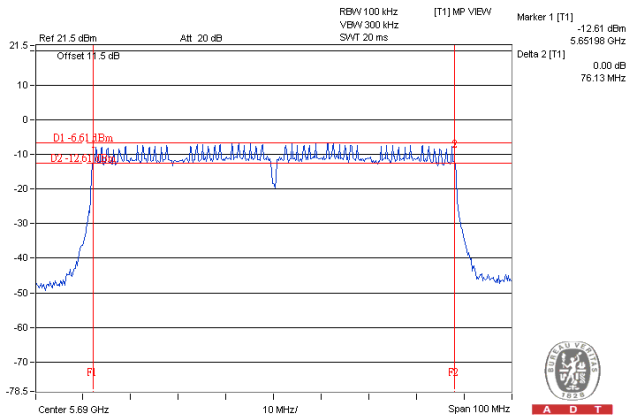
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
*142 (UNII-3 Band)	5710	3.23	0.5	Pass
151	5755	36.42	0.5	Pass
159	5795	36.46	0.5	Pass

Note: *The 6dB bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ac (VHT80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
*138 (UNII-3 Band)	5690	3.11	0.5	Pass
155	5775	76.16	0.5	Pass

Note: *The 6dB bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

Spectrum Plot of Worst Value	
802.11a / CH144 (UNII-3 Band)	**802.11ac (VHT20) / CH144 (UNII-3 Band)**
	
802.11ac (VHT40) / CH142 (UNII-3 Band)	**802.11ac (VHT80) / CH138 (UNII-3 Band)**
	

5 Pictures of Test Arrangements

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

Appendix – Information on the Testing Laboratories

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

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

Linko EMC/RF Lab
Tel: 886-2-26052180
Fax: 886-2-26051924

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

Hwa Ya EMC/RF/Safety
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.

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