FCC Test Report (WLAN)

Report No.:	RF151116E02-1
FCC ID:	WBV-AP250
Test Model:	AP250
Received Date:	Nov. 16, 2015
Test Date:	Dec. 03, 2015 to Mar. 11, 2016
Issued Date:	Mar. 29, 2016
Applicant:	Aerohive Networks Inc.
Address:	330 Gibraltar Drive, Sunnyvale, CA 94089, USA
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Hsin Chu Laboratory
Lab Address:	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan R.O.C.
Test Location (1):	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, 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.

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Table of Contents

Release Control Record 4

1 Certificate of Conformity 5

2 Summary of Test Results 6

2.1 Measurement Uncertainty 6
2.2 Modification Record 6

3 General Information 7

3.1 General Description of EUT (WLAN) 7
3.2 Description of Test Modes 11
3.2.1 Test Mode Applicability and Tested Channel Detail 12
3.3 Duty Cycle of Test Signal 24
3.4 Description of Support Units 25
3.4.1 Configuration of System under Test 26
3.5 General Description of Applied Standard 27

4 Test Types and Results 28

4.1 Radiated Emission and Bandedge Measurement 28
4.1.1 Limits of Radiated Emission and Bandedge Measurement 28
4.1.2 Test Instruments 29
4.1.3 Test Procedure 33
4.1.4 Deviation from Test Standard 33
4.1.5 Test Setup 34
4.1.6 EUT Operating Condition 35
4.1.7 Test Results (Mode 1) 36
4.1.8 Test Results (Mode 2) 91
4.1.9 Test Results (Mode 3) 200
4.1.10 Test Results (Mode 4) 201
4.2 Conducted Emission Measurement 202
4.2.1 Limits of Conducted Emission Measurement 202
4.2.2 Test Instruments 202
4.2.3 Test Procedure 203
4.2.4 Deviation from Test Standard 203
4.2.5 Test Setup 203
4.2.6 EUT Operating Condition 203
4.2.7 Test Results (Mode 1) 204
4.2.8 Test Results (Mode 2) 206
4.2.9 Test Results (Mode 3) 208
4.2.10 Test Results (Mode 4) 210
4.3 Transmit Power Measurment 212
4.3.1 Limits of Transmit Power Measurement 212
4.3.2 Test Setup 212
4.3.3 Test Instruments 212
4.3.4 Test Procedure 212
4.3.5 Deviation from Test Standard 213
4.3.6 EUT Operating Condition 213
4.3.7 Test Result (Mode 1) 214
4.3.8 Test Result (Mode 2) 223
4.4 Peak Power Spectral Density Measurement 229
4.4.1 Limits of Peak Power Spectral Density Measurement 229
4.4.2 Test Setup 229
4.4.3 Test Instruments 229
4.4.4 Test Procedure 230
4.4.5 Deviation from Test Standard 230
4.4.6 EUT Operating Condition 230
4.4.7 Test Results (Mode 1) 231

4.4.8 Test Results (Mode 2)..... 247
4.5 Frequency Stability Measurement 263
4.5.1 Limits of Frequency Stability Measurement 263
4.5.2 Test Setup..... 263
4.5.3 Test Instruments 263
4.5.4 Test Procedure 263
4.5.5 Deviation from Test Standard 263
4.5.6 EUT Operating Condition 263
4.5.7 Test Results (Mode 1)..... 264
4.5.8 Test Results (Mode 2)..... 265
4.6 6dB Bandwidth Measurment..... 266
4.6.1 Limits of 6dB Bandwidth Measurement..... 266
4.6.2 Test Setup..... 266
4.6.3 Test Instruments 266
4.6.4 Test Procedure 266
4.6.5 Deviation from Test Standard 266
4.6.6 EUT Operating Condition 266
4.6.7 Test Results (Mode 1)..... 267
4.6.8 Test Results (Mode 2)..... 273

5 Pictures of Test Arrangements..... 279

Appendix – Information on the Testing Laboratories 280

Release Control Record

Issue No.	Description	Date Issued
RF151116E02-1	Original release.	Mar. 29, 2016

1 Certificate of Conformity

Product:	Access Point
Brand:	Aerohive
Test Model:	AP250
Sample Status:	Engineer Sample (DVT2)
Applicant:	Aerohive Networks Inc.
Test Date:	Dec. 03, 2015 to Mar. 11, 2016
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:** Mar. 29, 2016

Claire Kuan / Specialist

Approved by : _____ , **Date:** Mar. 29, 2016

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 -3.77dB at 17.69316MHz.
15.407(b) (1/2/3/4/6)	Radiated Emissions & Band Edge Measurement	PASS	Meet the requirement of limit. Minimum passing margin is -0.1dB at 5150.00MHz & 5625.00MHz & 5715.00MHz & 5725.00MHz & 5985.00MHz.
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 i-pex (MHF) not a standard connector.

2.1 Measurement Uncertainty

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

Measurement	Frequency	Expended Uncertainty (k=2) (±)
Conducted Emissions at mains ports	150kHz ~ 30MHz	2.86 dB
Radiated Emissions up to 1 GHz	30MHz ~ 1GHz	5.37 dB
Radiated Emissions above 1 GHz	1GHz ~ 6GHz	3.65 dB
	6GHz ~ 18GHz	3.88 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	Access Point
Brand	Aerohive
Test Model	AP250
Status of EUT	Engineer Sample (DVT2)
Power Supply Rating	48Vdc or 55Vdc from POE
Modulation Type	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode and VHT20 mode of 2.4GHz band.
Modulation Technology	DSSS,OFDM
Transfer Rate	802.11b: up to 11Mbps 802.11a / g: up to 54Mbps 802.11n: up to 450Mbps 802.11ac: up to 1300Mbps
Operating Frequency	**2.4GHz:** 2.412GHz ~ 2.462GHz **5GHz:** 5.18GHz ~ 5.24GHz, 5.745GHz ~ 5.825GHz
Number of Channel	**2.4GHz:** 11 for 802.11b, 802.11g, 802.11n (HT20), VHT20 **5GHz:** 9 for 802.11a, 802.11n (HT20), 802.11ac (VHT20) 4 for 802.11n (HT40), 802.11ac (VHT40) 2 for 802.11ac (VHT80)
Output Power	**Radio 1** **2.4GHz:** **3TX** **CDD Mode:**580.036mW **Beamforming Mode:** 496.83 mW **2TX** **CDD Mode:**386.394mW **Beamforming Mode:** 382.852mW **1TX** 802.11g: 193.642mW

Output Power	**5GHz (5.18 ~ 5.24GHz):** **3TX** **CDD Mode:**248.924mW **Beamforming Mode:** 248.924mW **2TX** **Chain 0+2** **CDD Mode:** 212.439mW **Beamforming Mode:**212.439mW **1TX** **Chain 0** 143.219mW **5GHz (5.745 ~ 5.825GHz):** **3TX** **CDD Mode:** 232.391mW **Beamforming Mode:** 232.391mW **2TX** **Chain 1+2** **CDD Mode:** 192.853mW **Beamforming Mode:**187.739mW **1TX** **Chain 2** 99.312mW
	Radio 2 **5GHz (5.18 ~ 5.24GHz):** **3TX** **CDD Mode:** 346.127mW **Beamforming Mode:** 346.127mW **2TX** **Chain 0+1** **CDD Mode:** 245.068mW **Beamforming Mode:** 245.068mW **1TX** **Chain 0** 152.405mW **5GHz (5.745 ~ 5.825GHz):** **3TX** **CDD Mode:**383.167mW **Beamforming Mode:** 378.929mW **2TX** **Chain 0+1** **CDD Mode:** 235.596mW **Beamforming Mode:** 233.718mW **1TX** **Chain 0** 123.31mW
Antenna Type	Refer to Note
Antenna Connector	Refer to Note
Accessory Device	NA
Data Cable Supplied	NA

Note:

1. The EUT has three radio tranceivers, radio 1 is WLAN technologies for dual band (2.4GHz & 5GHz), radio 2 is WLAN technologies for signle band (2.4GHz), and radio 3 is Bluetooth low energy (BLE) technology only.

2. The emission of the simultaneous operation (WLAN & BT) has been evaluated and no non-compliance was found.
3. The antennas provided to the EUT, please refer to the following table:

Radio 1

WLAN - 2.4GHz + 5GHz

Antenna NO.	Transmitter Circuit	Brand	Model No.	Ant. Gain (dBi) Including cable loss	Frequency Range (GHz)	Antenna Type	Connecter Type	Cable Loss(dB)	Cable Length
ANT1	Chain (0)	N/A	XKAA-N08	5.14 5.41 5.02 5.25 5.13	2.4~2.4835 5.15~5.25 5.25~5.35 5.47~5.725 5.725~5.85	PIFA	i-pex (MHF)	0.21	54mm
ANT2	Chain (1)	N/A	XKAA-N08	4.28 4.82 5.16 5.14 5.31	2.4~2.4835 5.15~5.25 5.25~5.35 5.47~5.725 5.725~5.85	PIFA	i-pex (MHF)	0.19	49mm
ANT3	Chain (2)	N/A	XKAA-N08	2.80 5.25 5.46 5.37 5.65	2.4~2.4835 5.15~5.25 5.25~5.35 5.47~5.725 5.725~5.85	PIFA	i-pex (MHF)	0.39	101mm

Radio 2

WLAN - 5GHz

Antenna NO.	Transmitter Circuit	Brand	Model No.	Ant. Gain (dBi) Including cable loss	Frequency Range (GHz)	Antenna Type	Connecter Type	Cable Loss(dB)	Cable Length
ANT5	Chain (0)	N/A	XKAA-N08	5.32 5.78 5.26 5.3	5.15~5.25 5.25~5.35 5.47~5.725 5.725~5.85	V-pol PIFA	i-pex (MHF)	0.82	213mm
ANT6	Chain (1)	N/A	XKAA-N08	5.54 5.72 5.56 5.1	5.15~5.25 5.25~5.35 5.47~5.725 5.725~5.85	V-pol PIFA	i-pex (MHF)	0.25	66mm
ANT7	Chain (1)	N/A	XKAA-N08	5.24 6.38 5.36 5.27	5.15~5.25 5.25~5.35 5.47~5.725 5.725~5.85	H-pol Dipole	i-pex (MHF)	0.58	150mm
ANT8	Chain (2)	N/A	XKAA-N08	4.88 4.27 4.84 5.19	5.15~5.25 5.25~5.35 5.47~5.725 5.725~5.85	H-pol Dipole	i-pex (MHF)	0.77	201mm
ANT9	Chain (2)	N/A	XKAA-N08	4.41 4.55 4.79 4.87	5.15~5.25 5.25~5.35 5.47~5.725 5.725~5.85	H-pol Dipole	i-pex (MHF)	0.73	190mm

Radio 3

Bluetooth - 2.4GHz

ANT4	Chain (0)	N/A	XKAA-N08	4.24	2.4~2.4835	Dipole	i-pex (MHF)	0.62	160mm

4. The EUT power needs to be supplied from POE(only for test), the information is as below table:

No.	Brand	Model No.	Spec.
1	PowerDsine	PD-9001GR/AT/AC	Input: 100-240V, 0.67A, 50/60Hz Output: 55V, 0.6A
2	PowerDsine	PD-3501G/AC	Input: 100-240V, 0.43A, 50/60Hz Output: 48V, 0.35A
For radiated emission test, the EUT was pre-tested with POE 1 & 2, the worst case was found in POE 1. Therefore only the test data of the POE 1 was recorded in this report.			

5. The EUT incorporates a MIMO function.

Radio 1			
WLAN – 2.4GHz			
MODULATION MODE	**DATA RATE (MCS)**	**TX & RX CONFIGURATION**	
802.11b	1 ~ 11Mbps	3TX	3RX
802.11g	6 ~ 54Mbps	3TX	3RX
802.11n (HT20)	MCS 0~7	3TX	3RX
	MCS 8~15	3TX	3RX
	MCS 16~23	3TX	3RX
VHT20	MCS0~8 Nss=1	3TX	3RX
	MCS0~8 Nss=2	3TX	3RX
	MCS0~9 Nss=3	3TX	3RX
Radio 1 and Radio 2			
WLAN – 5GHz			
MODULATION MODE	**DATA RATE (MCS)**	**TX & RX CONFIGURATION**	
802.11a	6 ~ 54Mbps	3TX	3RX
802.11n (HT20)	MCS 0~7	3TX	3RX
	MCS 8~15	3TX	3RX
	MCS 16~23	3TX	3RX
802.11n (HT40)	MCS 0~7	3TX	3RX
	MCS 8~15	3TX	3RX
	MCS 16~23	3TX	3RX
802.11ac (VHT20)	MCS0~8 Nss=1	3TX	3RX
	MCS0~8 Nss=2	3TX	3RX
	MCS0~9 Nss=3	3TX	3RX
802.11ac (VHT40)	MCS0~9 Nss=1	3TX	3RX
	MCS0~9 Nss=2	3TX	3RX
	MCS0~9 Nss=3	3TX	3RX
802.11ac (VHT80)	MCS0~9 Nss=1	3TX	3RX
	MCS0~9 Nss=2	3TX	3RX
	MCS0~8 Nss=3	3TX	3RX
Note. : 1. 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) 2. All of modulation mode support beamforming function except 802.11a/b/g modulation.			

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

3.2 Description of Test Modes

FOR 5180 ~ 5240MHz

4 channels are provided for 802.11a, 802.11n (20MHz), 802.11ac (20MHz):

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

2 channels are provided for 802.11n (40MHz), 802.11ac (40MHz):

Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz

1 channel is provided for 802.11ac (80MHz):

Channel	Frequency
42	5210MHz

FOR 5745 ~ 5825MHz:

5 channels are provided for 802.11a, 802.11n (20MHz), 802.11ac (20MHz):

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

2 channels are provided for 802.11n (40MHz), 802.11ac (40MHz):

Channel	Frequency	Channel	Frequency
151	5755MHz	159	5795MHz

1 channel is provided for 802.11ac (80MHz):

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	√	√	√	√	For Radio 1 with POE1(PD-9001GR)
2	√	√	√	√	For Radio 2 with POE1(PD-9001GR)
3		√	√	-	For Radio 1 with POE2(PD-3501G)
4	-	√	√	-	For Radio 2 with POE2(PD-3501G)

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. The EUT had been pre-tested on the positioned of each 2 axis. The worst case was following as below.
   - For the Radio 1 was found when positioned on X-plane.
   - For the Radio 2 (3TX) below 1GHz was found when positioned on X-plane and above 1GHz (ANT7, ANT8, ANT9) was found when positioned on X-plane.
   - For the Radio 2 (3TX) below 1GHz was found when positioned on X-plane and above 1GHz (ANT5, ANT6, ANT8) was found when positioned on Y-plane.
   - For the Radio 2 (2TX) below 1GHz was found when positioned on X-plane and above 1GHz (ANT7, ANT9) was found when positioned on X-plane.
   - For the Radio 2 (2TX) below 1GHz was found when positioned on X-plane and above 1GHz (ANT5, ANT6) was found when positioned on Y-plane.
   - For the Radio 2 (1TX) below 1GHz was found when positioned on X-plane and above 1GHz (ANT9) was found when positioned on X-plane.
   - For the Radio 2 (1TX) below 1GHz was found when positioned on X-plane and above 1GHz (ANT5) was found when positioned on Y-plane.
2. "-" means no effect.

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.

For Radio 1 : 3Tx Configuration								
MODE		ANTENNA COMBINATIION	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	CDD	ANT1, ANT2, ANT3	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)				36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)				38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)				42	42	OFDM	BPSK	29.3
802.11a	CDD	ANT1, ANT2, ANT3	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)				149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)				151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)				155	155	OFDM	BPSK	29.3

For Radio 1 : 2Tx Configuration								
MODE		ANTENNA COMBINATIION	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	CDD	ANT1, ANT3	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)				36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)				38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)				42	42	OFDM	BPSK	29.3
802.11a	CDD	ANT2, ANT3	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)				149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)				151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)				155	155	OFDM	BPSK	29.3
For Radio 1 : 1Tx Configuration								
MODE		ANTENNA COMBINATIION	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a		ANT1	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)				36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)				38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)				42	42	OFDM	BPSK	29.3
802.11a		ANT3	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)				149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)				151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)				155	155	OFDM	BPSK	29.3

For Radio 2 : 3Tx Configuration								
MODE		ANTENNA COMBINATIION	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	CDD	ANT 7, ANT 8, ANT 9	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)				36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)				38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)				42	42	OFDM	BPSK	29.3
802.11a		ANT 5, ANT 6, ANT 8		36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)				36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)				38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)				42	42	OFDM	BPSK	29.3
802.11a	CDD	ANT 7, ANT 8, ANT 9	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)				149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)				151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)				155	155	OFDM	BPSK	29.3
802.11a		ANT 5, ANT 6, ANT 8		149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)				149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)				151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)				155	155	OFDM	BPSK	29.3

For Radio 2 : 2Tx Configuration								
MODE		ANTENNA COMBINATIION	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	CDD	ANT 7, ANT 9	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)				36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)				38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)				42	42	OFDM	BPSK	29.3
802.11a		ANT 5, ANT 6		36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)				36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)				38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)				42	42	OFDM	BPSK	29.3
802.11a	CDD	ANT 7, ANT 9	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)				149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)				151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)				155	155	OFDM	BPSK	29.3
802.11a		ANT 5, ANT 6		149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)				149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)				151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)				155	155	OFDM	BPSK	29.3

For Radio 2 : 1Tx Configuration							
MODE	ANTENNA COMBINATIION	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	ANT 9	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)			36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)			38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)			42	42	OFDM	BPSK	29.3
802.11a	ANT 5		36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)			36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)			38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)			42	42	OFDM	BPSK	29.3
802.11a	ANT 9	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)			149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)			151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)			155	155	OFDM	BPSK	29.3
802.11a	ANT 5		149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)			149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)			151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)			155	155	OFDM	BPSK	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.

For Radio 2 : 3Tx Configuration							
MODE		ANTENNA COMBINATIION	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	CDD	ANT 7, ANT 8, ANT 9	5180-5240	36 to 48	157	OFDM	BPSK	6
		ANT 5, ANT 6, ANT 8	5745-5825	149 to 165				

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.

For Radio 2 : 3Tx Configuration							
MODE		ANTENNA COMBINATIION	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	CDD	ANT 7, ANT 8, ANT 9	5180-5240	36 to 48	157	OFDM	BPSK	6
		ANT 5, ANT 6, ANT 8	5745-5825	149 to 165				

Transmit Power 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.

For Radio 1 : 3Tx Configuration								
MODE		ANTENNA COMBINATIION	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	CDD	ANT1, ANT2, ANT3	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)				36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)				38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)				42	42	OFDM	BPSK	29.3
802.11ac (VHT20)	TxBF			36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)				38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)				42	42	OFDM	BPSK	29.3
802.11a	CDD	ANT1, ANT2, ANT3	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)				149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)				151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)				155	155	OFDM	BPSK	29.3
802.11ac (VHT20)	TxBF			149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)				151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)				155	155	OFDM	BPSK	29.3

For Radio 1 : 2Tx Configuration								
MODE		ANTENNA COMBINATIION	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	CDD	ANT 1, ANT 3	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)				36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)				38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)				42	42	OFDM	BPSK	29.3
802.11ac (VHT20)	TxBF			36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)				38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)				42	42	OFDM	BPSK	29.3
802.11a	CDD	ANT 2, ANT 3	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)				149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)				151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)				155	155	OFDM	BPSK	29.3
802.11ac (VHT20)	TxBF			149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)				151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)				155	155	OFDM	BPSK	29.3

For Radio 1 : 1Tx Configuration							
MODE	ANTENNA COMBINATIION	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	ANT 1	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)			36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)			38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)			42	42	OFDM	BPSK	29.3
802.11a	ANT 3	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)			149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)			151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)			155	155	OFDM	BPSK	29.3

For Radio 2 : 3Tx Configuration								
MODE		ANTENNA COMBINATIION	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	CDD	ANT 7, ANT 8, ANT 9 / ANT 5, ANT 6, ANT 8	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)				36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)				38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)				42	42	OFDM	BPSK	29.3
802.11ac (VHT20)	TxBF			36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)				38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)				42	42	OFDM	BPSK	29.3
802.11a	CDD	ANT 7, ANT 8, ANT 9 / ANT 5, ANT 6, ANT 8	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)				149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)				151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)				155	155	OFDM	BPSK	29.3
802.11ac (VHT20)	TxBF			149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)				151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)				155	155	OFDM	BPSK	29.3

For Radio 2 : 2Tx Configuration								
MODE		ANTENNA COMBINATIION	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	CDD	ANT 7, ANT 9 / ANT 5, ANT 6	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)				36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)				38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)				42	42	OFDM	BPSK	29.3
802.11ac (VHT20)	TxBF			36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)				38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)				42	42	OFDM	BPSK	29.3
802.11a	CDD	ANT 7, ANT 9 / ANT 5, ANT 6	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)				149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)				151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)				155	155	OFDM	BPSK	29.3
802.11ac (VHT20)	TxBF			149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)				151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)				155	155	OFDM	BPSK	29.3

For Radio 2 : 1Tx Configuration							
MODE	ANTENNA COMBINATIION	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	ANT 9 / ANT 5	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)			36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)			38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)			42	42	OFDM	BPSK	29.3
802.11a	ANT 9 / ANT 5	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)			149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)			151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)			155	155	OFDM	BPSK	29.3

Peak Power Spectral Density, 6dB Bandwidth 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.

For Radio 1 : 3Tx Configuration								
MODE		ANTENNA COMBINATIION	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	CDD	ANT 1, ANT 2, ANT 3	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)				36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)				38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)				42	42	OFDM	BPSK	29.3
802.11a	CDD	ANT 1, ANT 2, ANT 3	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)				149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)				151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)				155	155	OFDM	BPSK	29.3
For Radio 1 : 2Tx Configuration								
MODE		ANTENNA COMBINATIION	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	CDD	ANT 1, ANT 3	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)				36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)				38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)				42	42	OFDM	BPSK	29.3
802.11a	CDD	ANT 2, ANT 3	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)				149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)				151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)				155	155	OFDM	BPSK	29.3

For Radio 1 : 1Tx Configuration							
MODE	ANTENNA COMBINATIION	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	ANT 1	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)			36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)			38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)			42	42	OFDM	BPSK	29.3
802.11a	ANT 3	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)			149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)			151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)			155	155	OFDM	BPSK	29.3

For Radio 2 : 3Tx Configuration								
MODE		ANTENNA COMBINATIION	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	CDD	ANT 7, ANT 8, ANT 9 / ANT 5, ANT 6, ANT 8	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)				36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)				38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)				42	42	OFDM	BPSK	29.3
802.11a	CDD	ANT 7, ANT 8, ANT 9 / ANT 5, ANT 6, ANT 8	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)				149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)				151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)				155	155	OFDM	BPSK	29.3

For Radio 2 : 2Tx Configuration								
MODE		ANTENNA COMBINATIION	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	CDD	ANT 7, ANT 9 / ANT 5, ANT 6	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)				36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)				38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)				42	42	OFDM	BPSK	29.3
802.11a	CDD	ANT 7, ANT 9 / ANT 5, ANT 6	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)				149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)				151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)				155	155	OFDM	BPSK	29.3

For Radio 2 : 1Tx Configuration							
MODE	ANTENNA COMBINATIION	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	ANT 9 / ANT 5	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)			36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)			38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)			42	42	OFDM	BPSK	29.3
802.11a	ANT 9 / ANT 5	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)			149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)			151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)			155	155	OFDM	BPSK	29.3

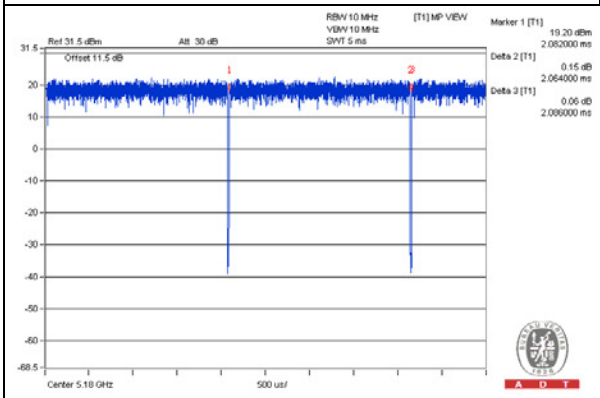
Test Condition:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	INPUT POWER	TESTED BY
RE≥1G	26deg. C, 69%RH	120Vac, 60Hz	Weiwei Lo
	19deg. C, 63%RH	120Vac, 60Hz	Robet Cheng
	25deg. C, 65%RH	120Vac, 60Hz	Tim Ho
RE<1G	25deg. C, 65%RH	120Vac, 60Hz	Nelson Teng
PLC	20deg. C, 61%RH	120Vac, 60Hz	Eagle Chen
APCM	25deg. C, 61%RH	120Vac, 60Hz	Robert Cheng

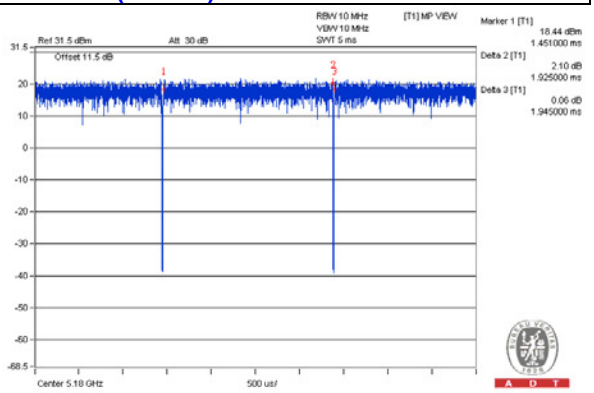
3.3 Duty Cycle of Test Signal

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 = 2.064 ms/2.086 ms = 0.989
802.11ac (VHT20): Duty cycle = 1.925 ms/1.945 ms = 0.99
802.11ac (VHT40): Duty cycle = 0.951 ms/0.97 ms = 0.98
802.11ac (VHT80): Duty cycle = 0.459 ms/0.478 ms = 0.96, Duty factor = 10 * log(1/0.96) = 0.18

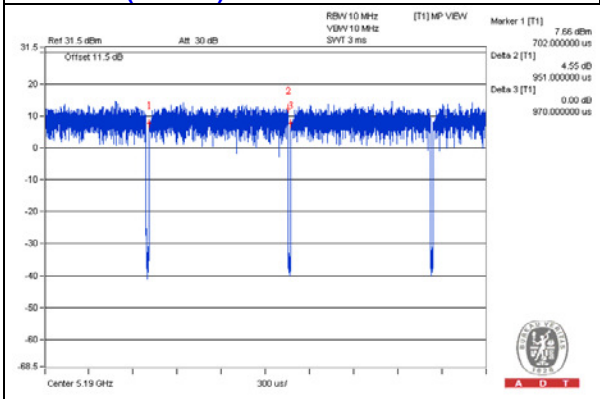
802.11a



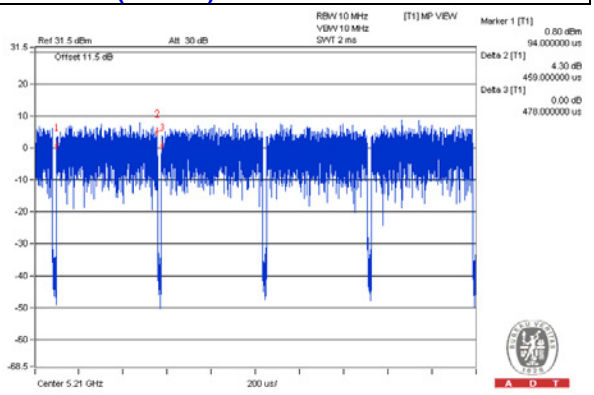
802.11ac (VHT20)



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.

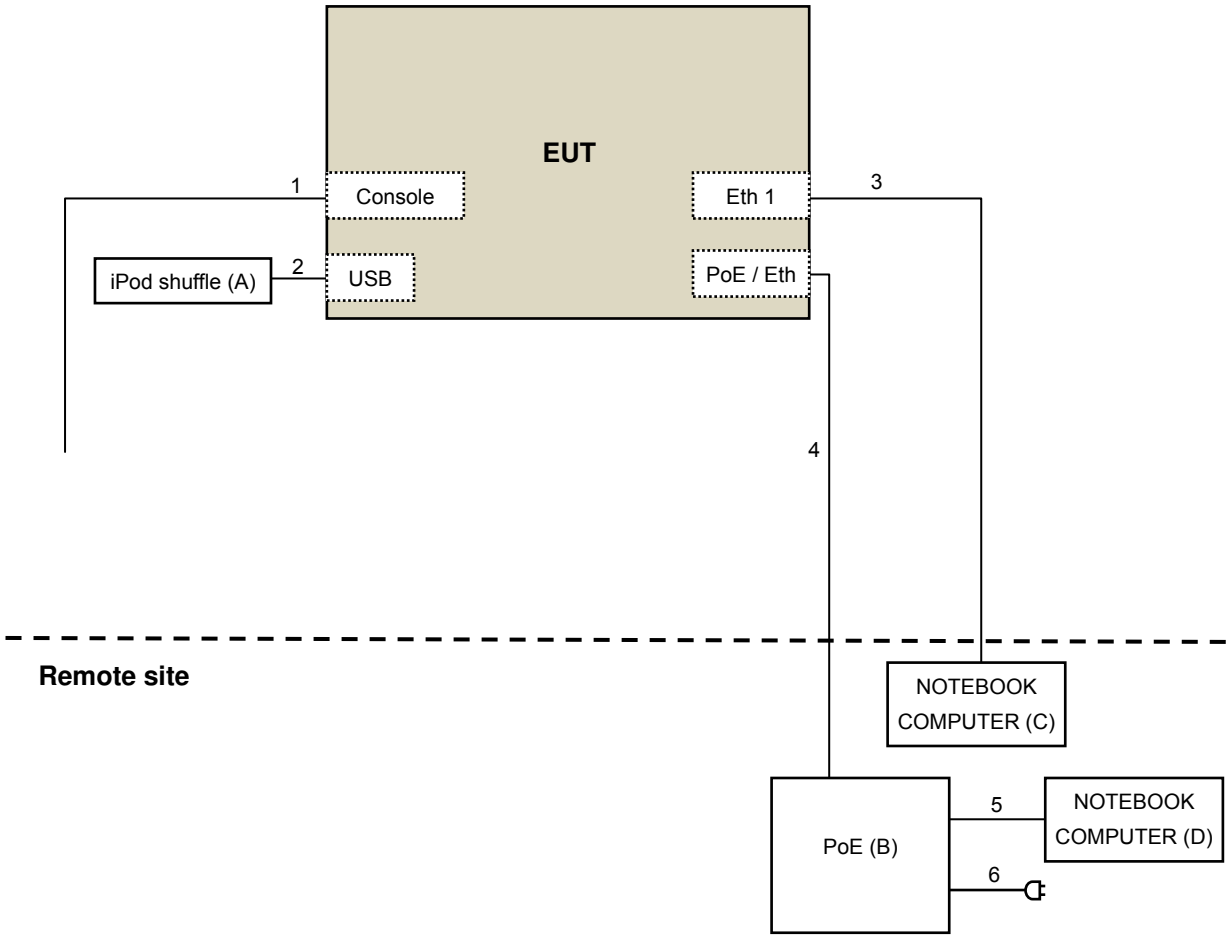
ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	iPod shuffle	Apple	MC749TA/A	CC4DN25WDFDM	NA	Provided by Lab
B.	POE	PowerDsine	PD-9001GR/AT/AC	NA	NA	Supplied by Client
			PD-3501G/AC	NA	NA	Supplied by Client
C.	NOTEBOOK COMPUTER	DELL	E5440	6FC7F12	FCC DoC	Provided by Lab
D.	NOTEBOOK COMPUTER	DELL	E5430	GM1SKV1	FCC DoC	Provided by Lab
E.	Flash Disk	SanDisk	SDCZ50-008G	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.	RJ45 to RJ232	1	1.5	No	0	Provided by Lab
2.	USB	1	0.1	Yes	0	Provided by Lab
3.	UTP RJ45	1	10	No	0	Provided by Lab
4.	UTP RJ45	1	10	No	0	Provided by Lab
5.	UTP RJ45	1	1.8	No	0	Provided by Lab
6.	AC	1	1.8	No	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)
KDB 789033 D02 General UNII Test Procedure New Rules v01r01
KDB 662911 D01 Multiple Transmitter Output v02r01
ANSI C63.10-2013

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

4 Test Types and Results

4.1 Radiated Emission and Bandedge Measurement

4.1.1 Limits of Radiated Emission and Bandedge Measurement

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

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

NOTE:

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

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

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 radio 1 test:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Agilent	N9038A	MY54450088	July 24, 2015	July 23, 2016
Pre-Amplifier(*) EMCI	EMC001340	980142	Jan. 20, 2016	Jan. 19, 2018
Loop Antenna(*) Electro-Metrics	EM-6879	264	Dec. 16, 2014	Dec. 15, 2016
RF Cable	NA	LOOPCAB-001 LOOPCAB-002	Jan. 18, 2016	Jan. 17, 2017
Pre-Amplifier Mini-Circuits	ZFL-1000VH2 B	AMP-ZFL-01	Nov. 11, 2015	Nov. 10, 2016
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-406	Jan. 04, 2016	Jan. 03, 2017
RF Cable	8D	966-4-1 966-4-2 966-4-3	Apr. 03, 2015	Apr. 02, 2016
Horn_Antenna SCHWARZBECK	BBHA 9120D	9120D-783	Jan. 19, 2016	Jan. 18, 2017
Pre-Amplifier Agilent	8449B	3008A01922	Sep. 19, 2015	Sep. 18, 2016
RF Cable	EMC104-SM-SM-2000 EMC104-SM-SM-5000 EMC104-SM-SM-5000	150318 150323 150324	Mar. 31, 2015	Mar. 30, 2016
Pre-Amplifier EMCI	EMC184045	980143	Jan. 15, 2016	Jan. 14, 2017
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170608	Jan. 08, 2016	Jan. 07, 2017
RF Cable	SUCOFLEX 102	36432/2 36441/2	Jan. 16, 2016	Jan. 15, 2017
Software	ADT_Radiated_V8.7.07	NA	NA	NA
Antenna Tower & Turn Table CT	NA	NA	NA	NA
Boresight Antenna Fixture	NA	NA	NA	NA
Power Meter Anritsu	ML2495A	1014008	Apr. 28, 2015	Apr. 27, 2016
Power Sensor Anritsu	MA2411B	0917122	Apr. 28, 2015	Apr. 27, 2016
Temperature & Humidity Chamber TERCHY	MHU-225AU	911033	Dec. 03, 2015	Dec. 02, 2016
Spectrum Analyzer R&S	FSP40	100060	May 08, 2015	May 07, 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 horn antenna, preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
3. The test was performed in 966 Chamber No. 4.
4. The FCC Site Registration No. is 292998
5. The CANADA Site Registration No. is 20331-2
6. Tested Date: Mar. 01 to 08, 2016

For radio 2 test:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Agilent	N9038A	MY50010156	Aug. 12, 2015	Aug. 11, 2016
Pre-Amplifier(*) EMCI	EMC001340	980142	Jan. 20, 2016	Jan. 19, 2018
Loop Antenna(*) Electro-Metrics	EM-6879	264	Dec. 16, 2014	Dec. 15, 2016
RF Cable	NA	LOOPCAB-001 LOOPCAB-002	Jan. 18, 2016	Jan. 17, 2017
Pre-Amplifier Mini-Circuits	ZFL-1000VH2 B	AMP-ZFL-07	May 08, 2015	May 07, 2016
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	138	Jan. 18, 2016	Jan. 17, 2017
RF Cable	8D	966-3-1 966-3-2 966-3-3	Apr. 03, 2015	Apr. 02, 2016
Horn_Antenna SCHWARZBECK	BBHA9120-D	9120D-406	Jan. 20, 2016	Jan. 19, 2017
Pre-Amplifier Agilent	8449B	3008A02465	Apr. 06, 2015	Apr. 05, 2016
RF Cable	EMC104-SM-SM-2000 EMC104-SM-SM-5000 EMC104-SM-SM-5000	150317 150321 150322	Mar. 31, 2015	Mar. 30, 2016
Spectrum Analyzer Keysight	N9030A	MY54490520	July 26, 2015	July 25, 2016
Pre-Amplifier EMCI	EMC184045	980143	Jan. 15, 2016	Jan. 14, 2017
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170608	Jan. 08, 2016	Jan. 07, 2017
RF Cable	SUCOFLEX 102	36432/2 36441/2	Jan. 16, 2016	Jan. 15, 2017
Software	ADT_Radiated _V8.7.07	NA	NA	NA
Antenna Tower & Turn Table CT	NA	NA	NA	NA
Boresight Antenna Fixture	NA	NA	NA	NA
Power Meter Anritsu	ML2495A	1014008	Apr. 28, 2015	Apr. 27, 2016
Power Sensor Anritsu	MA2411B	0917122	Apr. 28, 2015	Apr. 27, 2016
Temperature & Humidity Chamber TERCHY	MHU-225AU	911033	Dec. 03, 2015	Dec. 02, 2016
Spectrum Analyzer R&S	FSP40	100060	May 08, 2015	May 07, 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 horn antenna, preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
3. The test was performed in 966 Chamber No. 3.
4. The FCC Site Registration No. is 147459
5. The CANADA Site Registration No. is 20331-1
6. Tested Date: Dec. 03, 2015 to Mar. 11, 2016

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:

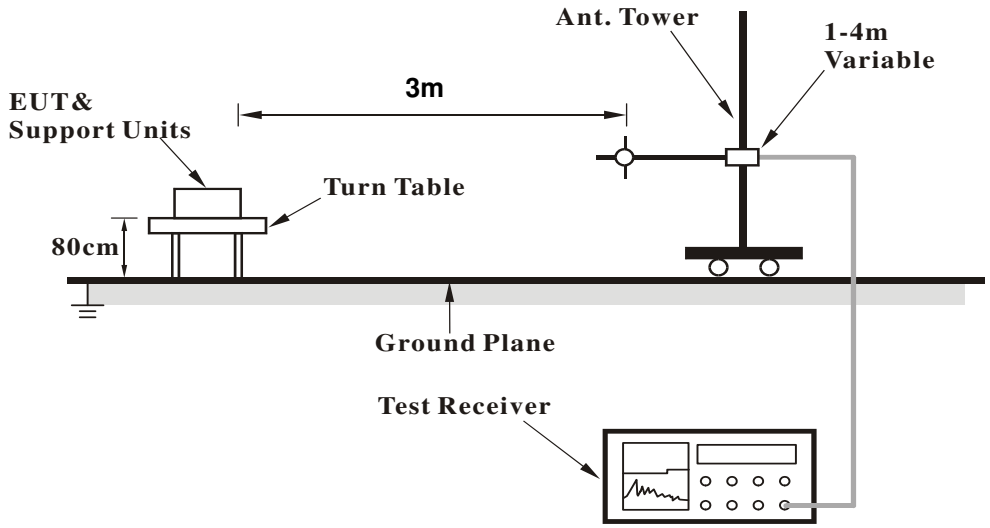
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.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

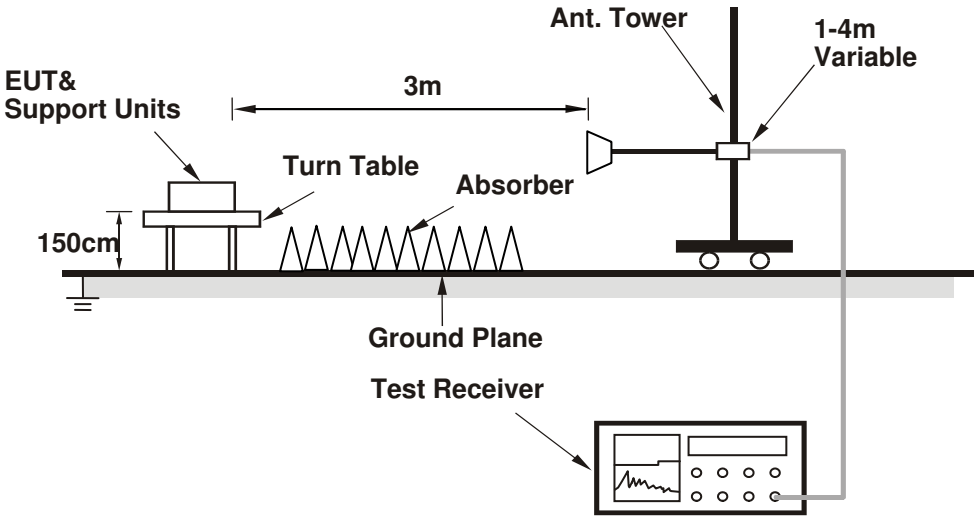
No deviation.

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. Placed the EUT on testing table.
2. Connect the EUT with the support unit C (Notebook Computer) which is placed in a remote area.
3. The communication partner run test program “Mtool.exe[ver 2.0.2.8]” to enable EUT under transmission/receiving condition continuously at specific channel frequency.

4.1.7 Test Results (Mode 1)

ABOVE 1GHz DATA：

3TX

ANT1, ANT2, ANT3

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	5020.00	50.7 PK	74.0	-23.3	1.62 H	59	50.21	0.49
2	5020.00	41.1 AV	54.0	-12.9	1.62 H	59	40.61	0.49
3	5100.00	52.8 PK	74.0	-21.2	1.65 H	97	52.13	0.67
4	5100.00	42.2 AV	54.0	-11.8	1.65 H	97	41.53	0.67
5	5150.00	57.9 PK	74.0	-16.1	1.71 H	56	57.10	0.80
6	5150.00	42.5 AV	54.0	-11.5	1.71 H	56	41.70	0.80
7	*5180.00	109.8 PK			1.62 H	52	108.91	0.89
8	*5180.00	100.3 AV			1.62 H	52	99.41	0.89
9	#10360.00	57.8 PK	74.0	-16.2	1.13 H	248	46.82	10.98
10	#10360.00	45.8 AV	54.0	-8.2	1.13 H	248	34.82	10.98
11	15540.00	57.5 PK	74.0	-16.5	1.00 H	72	44.77	12.73
12	15540.00	45.9 AV	54.0	-8.1	1.00 H	72	33.17	12.73
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5020.00	59.9 PK	74.0	-14.1	2.83 V	10	59.41	0.49
2	5020.00	51.4 AV	54.0	-2.6	2.83 V	10	50.91	0.49
3	5100.00	62.9 PK	74.0	-11.1	2.68 V	138	62.23	0.67
4	5100.00	52.5 AV	54.0	-1.5	2.68 V	138	51.83	0.67
5	5150.00	68.6 PK	74.0	-5.4	2.73 V	183	67.80	0.80
6	5150.00	53.7 AV	54.0	-0.3	2.73 V	183	52.90	0.80
7	*5180.00	118.3 PK			2.79 V	184	117.41	0.89
8	*5180.00	109.2 AV			2.79 V	184	108.31	0.89
9	#10360.00	59.1 PK	74.0	-14.9	2.12 V	160	48.12	10.98
10	#10360.00	44.4 AV	54.0	-9.6	2.12 V	160	33.42	10.98
11	15540.00	57.9 PK	74.0	-16.1	2.14 V	323	45.17	12.73
12	15540.00	45.9 AV	54.0	-8.1	2.14 V	323	33.17	12.73

REMARKS:

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	5040.00	51.0 PK	74.0	-23.0	1.64 H	55	50.47	0.53
2	5040.00	41.1 AV	54.0	-12.9	1.64 H	55	40.57	0.53
3	5120.00	52.3 PK	74.0	-21.7	1.60 H	101	51.58	0.72
4	5120.00	41.7 AV	54.0	-12.3	1.60 H	101	40.98	0.72
5	*5200.00	109.2 PK			1.57 H	61	108.26	0.94
6	*5200.00	98.7 AV			1.57 H	61	97.76	0.94
7	5360.00	58.5 PK	74.0	-15.5	1.76 H	47	57.21	1.29
8	5360.00	43.0 AV	54.0	-11.0	1.76 H	47	41.71	1.29
9	#10400.00	57.8 PK	74.0	-16.2	1.14 H	236	46.47	11.33
10	#10400.00	46.1 AV	54.0	-7.9	1.14 H	236	34.77	11.33
11	15600.00	57.5 PK	74.0	-16.5	1.00 H	78	44.63	12.87
12	15600.00	46.0 AV	54.0	-8.0	1.00 H	78	33.13	12.87
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	5040.00	60.2 PK	74.0	-13.8	2.97 V	360	59.67	0.53
2	5040.00	51.4 AV	54.0	-2.6	2.97 V	360	50.87	0.53
3	5120.00	63.2 PK	74.0	-10.8	3.10 V	181	62.48	0.72
4	5120.00	51.7 AV	54.0	-2.3	3.10 V	181	50.98	0.72
5	*5200.00	117.7 PK			2.72 V	264	116.76	0.94
6	*5200.00	107.6 AV			2.72 V	264	106.66	0.94
7	5360.00	63.3 PK	74.0	-10.7	2.73 V	360	62.01	1.29
8	5360.00	53.7 AV	54.0	-0.3	2.73 V	360	52.41	1.29
9	#10400.00	59.0 PK	74.0	-15.0	2.09 V	162	47.67	11.33
10	#10400.00	44.5 AV	54.0	-9.5	2.09 V	162	33.17	11.33
11	15600.00	58.4 PK	74.0	-15.6	2.09 V	309	45.53	12.87
12	15600.00	46.2 AV	54.0	-7.8	2.09 V	309	33.33	12.87

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 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	5080.00	51.3 PK	74.0	-22.7	1.69 H	46	50.67	0.63
2	5080.00	41.2 AV	54.0	-12.8	1.69 H	46	40.57	0.63
3	*5240.00	109.0 PK			1.52 H	71	107.94	1.06
4	*5240.00	98.3 AV			1.52 H	71	97.24	1.06
5	5400.00	58.7 PK	74.0	-15.3	1.78 H	63	57.39	1.31
6	5400.00	43.1 AV	54.0	-10.9	1.78 H	63	41.79	1.31
7	#10480.00	57.2 PK	74.0	-16.8	1.13 H	225	46.01	11.19
8	#10480.00	45.8 AV	54.0	-8.2	1.13 H	225	34.61	11.19
9	15720.00	57.2 PK	74.0	-16.8	1.00 H	74	44.89	12.31
10	15720.00	45.6 AV	54.0	-8.4	1.00 H	74	33.29	12.31
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	5080.00	62.6 PK	74.0	-11.4	3.11 V	177	61.97	0.63
2	5080.00	51.6 AV	54.0	-2.4	3.11 V	177	50.97	0.63
3	*5240.00	117.8 PK			3.00 V	360	116.74	1.06
4	*5240.00	107.8 AV			3.00 V	360	106.74	1.06
5	5400.00	62.6 PK	74.0	-11.4	3.00 V	1	61.29	1.31
6	5400.00	53.7 AV	54.0	-0.3	3.00 V	1	52.39	1.31
7	#10480.00	58.5 PK	74.0	-15.5	2.08 V	155	47.31	11.19
8	#10480.00	44.0 AV	54.0	-10.0	2.08 V	155	32.81	11.19
9	15720.00	59.1 PK	74.0	-14.9	2.05 V	318	46.79	12.31
10	15720.00	46.7 AV	54.0	-7.3	2.05 V	318	34.39	12.31

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 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	#5585.00	52.4 PK	74.0	-21.6	1.66 H	67	50.74	1.66
2	#5585.00	42.0 AV	54.0	-12.0	1.66 H	67	40.34	1.66
3	#5665.00	58.2 PK	74.0	-15.8	1.82 H	59	56.38	1.82
4	#5665.00	42.6 AV	54.0	-11.4	1.82 H	59	40.78	1.82
5	#5725.00	67.5 PK	78.2	-10.7	1.63 H	67	65.57	1.93
6	*5745.00	107.7 PK			1.66 H	78	105.72	1.98
7	*5745.00	97.3 AV			1.66 H	78	95.32	1.98
8	11490.00	58.3 PK	74.0	-15.7	1.09 H	291	45.43	12.87
9	11490.00	46.5 AV	54.0	-7.5	1.09 H	291	33.63	12.87
10	#17235.00	57.1 PK	74.0	-16.9	1.05 H	69	39.54	17.56
11	#17235.00	45.8 AV	54.0	-8.2	1.05 H	69	28.24	17.56
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5585.00	61.0 PK	74.0	-13.0	2.85 V	126	59.34	1.66
2	#5585.00	50.6 AV	54.0	-3.4	2.85 V	126	48.94	1.66
3	#5665.00	62.3 PK	74.0	-11.7	2.62 V	128	60.48	1.82
4	#5665.00	50.3 AV	54.0	-3.7	2.62 V	128	48.48	1.82
5	#5725.00	77.8 PK	78.2	-0.4	2.98 V	201	75.87	1.93
6	*5745.00	115.4 PK			2.57 V	179	113.42	1.98
7	*5745.00	105.6 AV			2.57 V	179	103.62	1.98
8	11490.00	59.1 PK	74.0	-14.9	1.95 V	133	46.23	12.87
9	11490.00	44.8 AV	54.0	-9.2	1.95 V	133	31.93	12.87
10	#17235.00	59.7 PK	74.0	-14.3	2.00 V	316	42.14	17.56
11	#17235.00	47.4 AV	54.0	-6.6	2.00 V	316	29.84	17.56

REMARKS:

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	#5625.00	57.6 PK	68.2	-10.6	1.66 H	85	55.86	1.74
2	#5705.00	56.7 PK	68.2	-11.5	1.67 H	72	54.81	1.89
3	*5785.00	109.0 PK			1.68 H	73	106.94	2.06
4	*5785.00	99.2 AV			1.68 H	73	97.14	2.06
5	#5860.00	57.9 PK	68.2	-10.3	1.69 H	70	55.77	2.13
6	11570.00	57.6 PK	74.0	-16.4	1.00 H	273	44.98	12.62
7	11570.00	45.8 AV	54.0	-8.2	1.00 H	273	33.18	12.62
8	#17355.00	57.8 PK	74.0	-16.2	1.00 H	68	39.62	18.18
9	#17355.00	46.2 AV	54.0	-7.8	1.00 H	68	28.02	18.18
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	#5625.00	67.8 PK	68.2	-0.4	2.73 V	127	66.06	1.74
2	#5705.00	66.5 PK	68.2	-1.7	2.56 V	127	64.61	1.89
3	*5785.00	117.6 PK			2.80 V	174	115.54	2.06
4	*5785.00	107.9 AV			2.80 V	174	105.84	2.06
5	#5860.00	67.9 PK	68.2	-0.3	2.55 V	177	65.77	2.13
6	11570.00	58.1 PK	74.0	-15.9	2.03 V	174	45.48	12.62
7	11570.00	43.8 AV	54.0	-10.2	2.03 V	174	31.18	12.62
8	#17355.00	57.6 PK	74.0	-16.4	2.13 V	337	39.42	18.18
9	#17355.00	45.9 AV	54.0	-8.1	2.13 V	337	27.72	18.18

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 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	#5665.00	57.9 PK	68.2	-10.3	1.72 H	74	56.08	1.82
2	*5825.00	107.4 PK			1.68 H	75	105.28	2.12
3	*5825.00	97.0 AV			1.68 H	75	94.88	2.12
4	#5850.00	66.3 PK	78.2	-11.9	1.66 H	77	64.17	2.13
5	#5985.00	56.2 PK	68.2	-12.0	1.70 H	86	53.72	2.48
6	11650.00	57.5 PK	74.0	-16.5	1.03 H	257	45.05	12.45
7	11650.00	45.8 AV	54.0	-8.2	1.03 H	257	33.35	12.45
8	#17475.00	58.4 PK	74.0	-15.6	1.02 H	60	39.65	18.75
9	#17475.00	46.5 AV	54.0	-7.5	1.02 H	60	27.75	18.75
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5665.00	65.3 PK	68.2	-2.9	2.51 V	207	63.48	1.82
2	*5825.00	116.1 PK			2.53 V	177	113.98	2.12
3	*5825.00	105.9 AV			2.53 V	177	103.78	2.12
4	#5850.00	73.0 PK	78.2	-5.2	2.63 V	178	70.87	2.13
5	#5985.00	67.9 PK	68.2	-0.3	2.39 V	77	65.42	2.48
6	11650.00	58.2 PK	74.0	-15.8	2.04 V	185	45.75	12.45
7	11650.00	44.1 AV	54.0	-9.9	2.04 V	185	31.65	12.45
8	#17475.00	57.7 PK	74.0	-16.3	2.07 V	331	38.95	18.75
9	#17475.00	46.3 AV	54.0	-7.7	2.07 V	331	27.55	18.75

REMARKS:

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	5020.00	58.3 PK	74.0	-15.7	1.74 H	71	57.81	0.49
2	5020.00	43.0 AV	54.0	-11.0	1.74 H	71	42.51	0.49
3	5100.00	52.3 PK	74.0	-21.7	1.65 H	98	51.63	0.67
4	5100.00	41.8 AV	54.0	-12.2	1.65 H	98	41.13	0.67
5	5150.00	50.7 PK	74.0	-23.3	1.57 H	48	49.90	0.80
6	5150.00	41.4 AV	54.0	-12.6	1.57 H	48	40.60	0.80
7	*5180.00	111.1 PK			1.65 H	67	110.21	0.89
8	*5180.00	102.0 AV			1.65 H	67	101.11	0.89
9	#10360.00	57.2 PK	74.0	-16.8	1.08 H	254	46.22	10.98
10	#10360.00	45.4 AV	54.0	-8.6	1.08 H	254	34.42	10.98
11	15540.00	58.4 PK	74.0	-15.6	1.07 H	57	45.67	12.73
12	15540.00	46.8 AV	54.0	-7.2	1.07 H	57	34.07	12.73
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5020.00	68.2 PK	74.0	-5.8	2.78 V	170	67.71	0.49
2	5020.00	53.3 AV	54.0	-0.7	2.78 V	170	52.81	0.49
3	5100.00	62.8 PK	74.0	-11.2	2.65 V	151	62.13	0.67
4	5100.00	52.2 AV	54.0	-1.8	2.65 V	151	51.53	0.67
5	5150.00	60.2 PK	74.0	-13.8	2.84 V	10	59.40	0.80
6	5150.00	51.6 AV	54.0	-2.4	2.84 V	10	50.80	0.80
7	*5180.00	118.5 PK			2.80 V	176	117.61	0.89
8	*5180.00	109.6 AV			2.80 V	176	108.71	0.89
9	#10360.00	58.7 PK	74.0	-15.3	2.07 V	198	47.72	10.98
10	#10360.00	44.4 AV	54.0	-9.6	2.07 V	198	33.42	10.98
11	15540.00	58.1 PK	74.0	-15.9	2.09 V	333	45.37	12.73
12	15540.00	46.6 AV	54.0	-7.4	2.09 V	333	33.87	12.73

REMARKS:

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	5040.00	52.5 PK	74.0	-21.5	1.68 H	90	51.97	0.53
2	5040.00	41.9 AV	54.0	-12.1	1.68 H	90	41.37	0.53
3	5120.00	58.6 PK	74.0	-15.4	1.70 H	80	57.88	0.72
4	5120.00	43.1 AV	54.0	-10.9	1.70 H	80	42.38	0.72
5	*5200.00	111.2 PK			1.62 H	67	110.26	0.94
6	*5200.00	102.2 AV			1.62 H	67	101.26	0.94
7	5360.00	50.3 PK	74.0	-23.7	1.59 H	41	49.01	1.29
8	5360.00	41.1 AV	54.0	-12.9	1.59 H	41	39.81	1.29
9	#10400.00	57.0 PK	74.0	-17.0	1.04 H	242	45.67	11.33
10	#10400.00	45.2 AV	54.0	-8.8	1.04 H	242	33.87	11.33
11	15600.00	58.2 PK	74.0	-15.8	1.12 H	46	45.33	12.87
12	15600.00	46.5 AV	54.0	-7.5	1.12 H	46	33.63	12.87
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	5040.00	59.9 PK	74.0	-14.1	3.24 V	183	59.37	0.53
2	5040.00	50.9 AV	54.0	-3.1	3.24 V	183	50.37	0.53
3	5120.00	62.8 PK	74.0	-11.2	2.83 V	180	62.08	0.72
4	5120.00	50.9 AV	54.0	-3.1	2.83 V	180	50.18	0.72
5	*5200.00	118.3 PK			2.74 V	183	117.36	0.94
6	*5200.00	108.1 AV			2.74 V	183	107.16	0.94
7	5360.00	62.5 PK	74.0	-11.5	2.74 V	182	61.21	1.29
8	5360.00	53.2 AV	54.0	-0.8	2.74 V	182	51.91	1.29
9	#10400.00	58.4 PK	74.0	-15.6	2.08 V	191	47.07	11.33
10	#10400.00	44.5 AV	54.0	-9.5	2.08 V	191	33.17	11.33
11	15600.00	57.2 PK	74.0	-16.8	2.05 V	317	44.33	12.87
12	15600.00	46.1 AV	54.0	-7.9	2.05 V	317	33.23	12.87

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 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	110.7 PK			1.62 H	68	109.64	1.06
2	*5240.00	101.8 AV			1.62 H	68	100.74	1.06
3	5350.00	51.2 PK	74.0	-22.8	1.53 H	35	49.90	1.30
4	5350.00	41.7 AV	54.0	-12.3	1.53 H	35	40.40	1.30
5	5400.00	57.7 PK	74.0	-16.3	1.76 H	57	56.39	1.31
6	5400.00	42.5 AV	54.0	-11.5	1.76 H	57	41.19	1.31
7	#10480.00	56.9 PK	74.0	-17.1	1.09 H	268	45.71	11.19
8	#10480.00	45.2 AV	54.0	-8.8	1.09 H	268	34.01	11.19
9	15720.00	58.5 PK	74.0	-15.5	1.06 H	52	46.19	12.31
10	15720.00	47.2 AV	54.0	-6.8	1.06 H	52	34.89	12.31
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	*5240.00	117.7 PK			2.85 V	181	116.64	1.06
2	*5240.00	107.7 AV			2.85 V	181	106.64	1.06
3	5350.00	62.8 PK	74.0	-11.2	2.66 V	180	61.50	1.30
4	5350.00	51.4 AV	54.0	-2.6	2.66 V	180	50.10	1.30
5	5400.00	62.1 PK	74.0	-11.9	2.74 V	180	60.79	1.31
6	5400.00	53.3 AV	54.0	-0.7	2.74 V	180	51.99	1.31
7	#10480.00	58.8 PK	74.0	-15.2	2.05 V	190	47.61	11.19
8	#10480.00	44.4 AV	54.0	-9.6	2.05 V	190	33.21	11.19
9	15720.00	57.3 PK	74.0	-16.7	2.06 V	334	44.99	12.31
10	15720.00	46.2 AV	54.0	-7.8	2.06 V	334	33.89	12.31

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 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	58.2 PK	68.2	-10.0	1.84 H	51	56.28	1.92
2	#5725.00	67.5 PK	78.2	-10.7	1.61 H	64	65.57	1.93
3	*5745.00	107.5 PK			1.80 H	82	105.52	1.98
4	*5745.00	97.1 AV			1.80 H	82	95.12	1.98
5	#5905.00	52.3 PK	68.2	-15.9	1.68 H	74	50.13	2.17
6	11490.00	57.5 PK	74.0	-16.5	1.14 H	228	44.63	12.87
7	11490.00	46.2 AV	54.0	-7.8	1.14 H	228	33.33	12.87
8	#17235.00	55.0 PK	74.0	-19.0	1.00 H	66	37.44	17.56
9	#17235.00	44.1 AV	54.0	-9.9	1.00 H	66	26.54	17.56
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	65.0 PK	68.2	-3.2	2.66 V	179	63.08	1.92
2	#5725.00	77.9 PK	78.2	-0.3	2.66 V	181	75.97	1.93
3	*5745.00	115.2 PK			2.61 V	178	113.22	1.98
4	*5745.00	104.9 AV			2.61 V	178	102.92	1.98
5	#5905.00	65.6 PK	68.2	-2.6	2.67 V	179	63.43	2.17
6	11490.00	58.8 PK	74.0	-15.2	2.08 V	198	45.93	12.87
7	11490.00	43.9 AV	54.0	-10.1	2.08 V	198	31.03	12.87
8	#17235.00	56.6 PK	74.0	-17.4	2.11 V	299	39.04	17.56
9	#17235.00	45.4 AV	54.0	-8.6	2.11 V	299	27.84	17.56

REMARKS:

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	#5625.00	58.3 PK	68.2	-9.9	1.61 H	76	56.56	1.74
2	#5705.00	57.0 PK	68.2	-11.2	1.67 H	65	55.11	1.89
3	*5785.00	112.3 PK			1.84 H	97	110.24	2.06
4	*5785.00	102.3 AV			1.84 H	97	100.24	2.06
5	#5860.00	58.1 PK	68.2	-10.1	1.69 H	62	55.97	2.13
6	11570.00	57.7 PK	74.0	-16.3	1.03 H	216	45.08	12.62
7	11570.00	46.5 AV	54.0	-7.5	1.03 H	216	33.88	12.62
8	#17355.00	55.6 PK	74.0	-18.4	1.02 H	76	37.42	18.18
9	#17355.00	44.2 AV	54.0	-9.8	1.02 H	76	26.02	18.18
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	#5625.00	67.3 PK	68.2	-0.9	2.57 V	181	65.56	1.74
2	#5705.00	67.3 PK	68.2	-0.9	2.58 V	174	65.41	1.89
3	*5785.00	120.3 PK			2.58 V	176	118.24	2.06
4	*5785.00	110.6 AV			2.58 V	176	108.54	2.06
5	#5860.00	67.2 PK	68.2	-1.0	2.62 V	175	65.07	2.13
6	11570.00	58.4 PK	74.0	-15.6	2.07 V	211	45.78	12.62
7	11570.00	43.8 AV	54.0	-10.2	2.07 V	211	31.18	12.62
8	#17355.00	56.5 PK	74.0	-17.5	2.07 V	305	38.32	18.18
9	#17355.00	45.7 AV	54.0	-8.3	2.07 V	305	27.52	18.18

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 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	#5665.00	57.5 PK	68.2	-10.7	1.69 H	65	55.68	1.82
2	*5825.00	111.1 PK			1.84 H	85	108.98	2.12
3	*5825.00	100.6 AV			1.84 H	85	98.48	2.12
4	#5985.00	56.5 PK	68.2	-11.7	1.61 H	60	54.02	2.48
5	11650.00	57.9 PK	74.0	-16.1	1.05 H	230	45.45	12.45
6	11650.00	46.6 AV	54.0	-7.4	1.05 H	230	34.15	12.45
7	#17475.00	55.5 PK	74.0	-18.5	1.00 H	72	36.75	18.75
8	#17475.00	44.2 AV	54.0	-9.8	1.00 H	72	25.45	18.75
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5665.00	65.0 PK	68.2	-3.2	2.53 V	221	63.18	1.82
2	*5825.00	118.4 PK			2.71 V	178	116.28	2.12
3	*5825.00	108.3 AV			2.71 V	178	106.18	2.12
4	**#5985.00**	**68.1 PK**	**68.2**	**-0.1**	**2.41 V**	**67**	**65.62**	**2.48**
5	11650.00	58.4 PK	74.0	-15.6	2.10 V	193	45.95	12.45
6	11650.00	43.7 AV	54.0	-10.3	2.10 V	193	31.25	12.45
7	#17475.00	56.5 PK	74.0	-17.5	2.08 V	299	37.75	18.75
8	#17475.00	45.3 AV	54.0	-8.7	2.08 V	299	26.55	18.75

REMARKS:

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	58.1 PK	74.0	-15.9	1.76 H	65	57.30	0.80
2	5150.00	42.9 AV	54.0	-11.1	1.76 H	65	42.10	0.80
3	*5190.00	103.7 PK			1.81 H	84	102.79	0.91
4	*5190.00	91.6 AV			1.81 H	84	90.69	0.91
5	5350.00	52.3 PK	74.0	-21.7	1.66 H	112	51.00	1.30
6	5350.00	41.8 AV	54.0	-12.2	1.66 H	112	40.50	1.30
7	#10380.00	57.7 PK	74.0	-16.3	1.10 H	239	46.54	11.16
8	#10380.00	46.5 AV	54.0	-7.5	1.10 H	239	35.34	11.16
9	15570.00	55.3 PK	74.0	-18.7	1.00 H	83	42.50	12.80
10	15570.00	44.1 AV	54.0	-9.9	1.00 H	83	31.30	12.80
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.8 PK	74.0	-5.2	2.58 V	128	68.00	0.80
2	5150.00	53.8 AV	54.0	-0.2	2.58 V	128	53.00	0.80
3	*5190.00	110.1 PK			2.84 V	126	109.19	0.91
4	*5190.00	98.6 AV			2.84 V	126	97.69	0.91
5	5350.00	56.9 PK	74.0	-17.1	2.30 V	126	55.60	1.30
6	5350.00	51.0 AV	54.0	-3.0	2.30 V	126	49.70	1.30
7	#10380.00	58.2 PK	74.0	-15.8	2.12 V	203	47.04	11.16
8	#10380.00	43.6 AV	54.0	-10.4	2.12 V	203	32.44	11.16
9	15570.00	56.8 PK	74.0	-17.2	2.13 V	304	44.00	12.80
10	15570.00	45.4 AV	54.0	-8.6	2.13 V	304	32.60	12.80

REMARKS:

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

CHANNEL	TX Channel 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	5150.00	52.6 PK	74.0	-21.4	1.72 H	123	51.80	0.80
2	5150.00	41.9 AV	54.0	-12.1	1.72 H	123	41.10	0.80
3	*5230.00	110.2 PK			1.87 H	83	109.16	1.04
4	*5230.00	99.7 AV			1.87 H	83	98.66	1.04
5	5390.00	58.4 PK	74.0	-15.6	1.80 H	78	57.09	1.31
6	5390.00	43.2 AV	54.0	-10.8	1.80 H	78	41.89	1.31
7	#10460.00	57.3 PK	74.0	-16.7	1.05 H	244	46.08	11.22
8	#10460.00	46.0 AV	54.0	-8.0	1.05 H	244	34.78	11.22
9	15690.00	55.2 PK	74.0	-18.8	1.03 H	91	42.82	12.38
10	15690.00	43.8 AV	54.0	-10.2	1.03 H	91	31.42	12.38
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.9 PK	74.0	-7.1	3.12 V	179	66.10	0.80
2	5150.00	53.5 AV	54.0	-0.5	3.12 V	179	52.70	0.80
3	*5230.00	116.7 PK			2.84 V	179	115.66	1.04
4	*5230.00	106.6 AV			2.84 V	179	105.56	1.04
5	5390.00	62.9 PK	74.0	-11.1	2.84 V	176	61.59	1.31
6	5390.00	52.3 AV	54.0	-1.7	2.84 V	176	50.99	1.31
7	#10460.00	57.9 PK	74.0	-16.1	2.08 V	197	46.68	11.22
8	#10460.00	43.6 AV	54.0	-10.4	2.08 V	197	32.38	11.22
9	15690.00	56.8 PK	74.0	-17.2	2.07 V	320	44.42	12.38
10	15690.00	45.5 AV	54.0	-8.5	2.07 V	320	33.12	12.38

REMARKS:

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	58.3 PK	74.0	-15.7	1.81 H	42	56.38	1.92
2	#5715.00	42.4 AV	54.0	-11.6	1.81 H	42	40.48	1.92
3	#5725.00	67.8 PK	78.2	-10.4	1.57 H	62	65.87	1.93
4	*5755.00	103.0 PK			1.90 H	88	101.00	2.00
5	*5755.00	92.3 AV			1.90 H	88	90.30	2.00
6	11510.00	57.9 PK	74.0	-16.1	1.00 H	219	45.07	12.83
7	11510.00	47.2 AV	54.0	-6.8	1.00 H	219	34.37	12.83
8	#17265.00	53.3 PK	74.0	-20.7	1.24 H	107	35.65	17.65
9	#17265.00	42.5 AV	54.0	-11.5	1.24 H	107	24.85	17.65
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	70.8 PK	74.0	-3.2	2.78 V	179	68.88	1.92
2	#5715.00	53.5 AV	54.0	-0.5	2.78 V	179	51.58	1.92
3	#5725.00	74.8 PK	78.2	-3.4	2.72 V	182	72.87	1.93
4	*5755.00	109.9 PK			2.64 V	181	107.90	2.00
5	*5755.00	99.2 AV			2.64 V	181	97.20	2.00
6	11510.00	56.7 PK	74.0	-17.3	2.08 V	214	43.87	12.83
7	11510.00	42.4 AV	54.0	-11.6	2.08 V	214	29.57	12.83
8	#17265.00	56.8 PK	74.0	-17.2	2.14 V	312	39.15	17.65
9	#17265.00	46.1 AV	54.0	-7.9	2.14 V	312	28.45	17.65

REMARKS:

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

CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	56.5 PK	74.0	-17.5	1.83 H	41	54.58	1.92
2	#5715.00	41.5 AV	54.0	-12.5	1.83 H	41	39.58	1.92
3	#5725.00	68.0 PK	78.2	-10.2	1.60 H	47	66.07	1.93
4	*5795.00	109.2 PK			1.66 H	55	107.11	2.09
5	*5795.00	98.9 AV			1.66 H	55	96.81	2.09
6	#5850.00	66.8 PK	78.2	-11.4	1.88 H	22	64.67	2.13
7	#5860.00	58.4 PK	74.0	-15.6	1.87 H	38	56.27	2.13
8	#5860.00	42.7 AV	54.0	-11.3	1.87 H	38	40.57	2.13
9	11590.00	57.8 PK	74.0	-16.2	1.04 H	203	45.25	12.55
10	11590.00	47.2 AV	54.0	-6.8	1.04 H	203	34.65	12.55
11	#17385.00	53.0 PK	74.0	-21.0	1.24 H	109	34.61	18.39
12	#17385.00	42.4 AV	54.0	-11.6	1.24 H	109	24.01	18.39
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	#5715.00	65.0 PK	74.0	-9.0	2.57 V	181	63.08	1.92
2	#5715.00	52.3 AV	54.0	-1.7	2.57 V	181	50.38	1.92
3	#5725.00	70.8 PK	78.2	-7.4	2.57 V	179	68.87	1.93
4	*5795.00	115.8 PK			2.59 V	178	113.71	2.09
5	*5795.00	105.5 AV			2.59 V	178	103.41	2.09
6	#5850.00	75.7 PK	78.2	-2.5	2.65 V	174	73.57	2.13
7	#5860.00	69.7 PK	74.0	-4.3	2.65 V	176	67.57	2.13
8	#5860.00	53.5 AV	54.0	-0.5	2.65 V	176	51.37	2.13
9	11590.00	56.6 PK	74.0	-17.4	1.98 V	221	44.05	12.55
10	11590.00	42.2 AV	54.0	-11.8	1.98 V	221	29.65	12.55
11	#17385.00	56.5 PK	74.0	-17.5	2.12 V	286	38.11	18.39
12	#17385.00	46.0 AV	54.0	-8.0	2.12 V	286	27.61	18.39

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	58.2 PK	74.0	-15.8	1.74 H	74	57.40	0.80
2	5150.00	43.2 AV	54.0	-10.8	1.74 H	74	42.40	0.80
3	*5210.00	100.6 PK			1.70 H	49	99.62	0.98
4	*5210.00	88.0 AV			1.70 H	49	87.02	0.98
5	#10420.00	57.6 PK	74.0	-16.4	1.07 H	215	46.31	11.29
6	#10420.00	46.7 AV	54.0	-7.3	1.07 H	215	35.41	11.29
7	15630.00	53.1 PK	74.0	-20.9	1.27 H	104	40.39	12.71
8	15630.00	42.7 AV	54.0	-11.3	1.27 H	104	29.99	12.71
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	70.5 PK	74.0	-3.5	2.59 V	180	69.70	0.80
2	5150.00	53.8 AV	54.0	-0.2	2.59 V	180	53.00	0.80
3	*5210.00	105.9 PK			2.60 V	182	104.92	0.98
4	*5210.00	93.7 AV			2.60 V	182	92.72	0.98
5	#10420.00	56.5 PK	74.0	-17.5	1.96 V	229	45.21	11.29
6	#10420.00	42.0 AV	54.0	-12.0	1.96 V	229	30.71	11.29
7	15630.00	56.3 PK	74.0	-17.7	2.15 V	275	43.59	12.71
8	15630.00	45.8 AV	54.0	-8.2	2.15 V	275	33.09	12.71

REMARKS:

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	56.9 PK	74.0	-17.1	1.80 H	50	54.98	1.92
2	#5715.00	41.9 AV	54.0	-12.1	1.80 H	50	39.98	1.92
3	#5725.00	67.7 PK	78.2	-10.5	1.56 H	38	65.77	1.93
4	*5775.00	99.0 PK			1.62 H	66	96.95	2.05
5	*5775.00	87.9 AV			1.62 H	66	85.85	2.05
6	#5850.00	67.0 PK	78.2	-11.2	1.91 H	27	64.87	2.13
7	#5860.00	58.3 PK	74.0	-15.7	1.89 H	23	56.17	2.13
8	#5860.00	42.4 AV	54.0	-11.6	1.89 H	23	40.27	2.13
9	11550.00	57.1 PK	74.0	-16.9	1.05 H	208	44.42	12.68
10	11550.00	46.3 AV	54.0	-7.7	1.05 H	208	33.62	12.68
11	#17325.00	53.1 PK	74.0	-20.9	1.26 H	105	35.16	17.94
12	#17325.00	42.6 AV	54.0	-11.4	1.26 H	105	24.66	17.94
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	68.7 PK	74.0	-5.3	2.55 V	180	66.78	1.92
2	#5715.00	53.3 AV	54.0	-0.7	2.55 V	180	51.38	1.92
3	#5725.00	73.1 PK	78.2	-5.1	2.55 V	179	71.17	1.93
4	*5775.00	104.7 PK			2.44 V	177	102.65	2.05
5	*5775.00	93.8 AV			2.44 V	177	91.75	2.05
6	#5850.00	64.3 PK	78.2	-13.9	2.49 V	178	62.17	2.13
7	#5860.00	61.7 PK	74.0	-12.3	2.48 V	178	59.57	2.13
8	#5860.00	47.6 AV	54.0	-6.4	2.48 V	178	45.47	2.13
9	11550.00	56.1 PK	74.0	-17.9	1.93 V	226	43.42	12.68
10	11550.00	41.6 AV	54.0	-12.4	1.93 V	226	28.92	12.68
11	#17325.00	56.7 PK	74.0	-17.3	2.20 V	281	38.76	17.94
12	#17325.00	46.1 AV	54.0	-7.9	2.20 V	281	28.16	17.94

REMARKS:

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	5020.00	50.7 PK	74.0	-23.3	1.59 H	61	50.21	0.49
2	5020.00	41.2 AV	54.0	-12.8	1.59 H	61	40.71	0.49
3	5100.00	52.5 PK	74.0	-21.5	1.63 H	89	51.83	0.67
4	5100.00	41.8 AV	54.0	-12.2	1.63 H	89	41.13	0.67
5	5150.00	58.0 PK	74.0	-16.0	1.71 H	71	57.20	0.80
6	5150.00	42.4 AV	54.0	-11.6	1.71 H	71	41.60	0.80
7	*5180.00	108.3 PK			1.60 H	58	107.41	0.89
8	*5180.00	99.6 AV			1.60 H	58	98.71	0.89
9	#10360.00	58.0 PK	74.0	-16.0	1.07 H	255	47.02	10.98
10	#10360.00	46.0 AV	54.0	-8.0	1.07 H	255	35.02	10.98
11	15540.00	57.3 PK	74.0	-16.7	1.01 H	74	44.57	12.73
12	15540.00	45.9 AV	54.0	-8.1	1.01 H	74	33.17	12.73
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5020.00	60.2 PK	74.0	-13.8	3.05 V	299	59.71	0.49
2	5020.00	51.0 AV	54.0	-3.0	3.05 V	299	50.51	0.49
3	5100.00	62.3 PK	74.0	-11.7	2.68 V	298	61.63	0.67
4	5100.00	51.9 AV	54.0	-2.1	2.68 V	298	51.23	0.67
5	5150.00	68.5 PK	74.0	-5.5	2.45 V	294	67.70	0.80
6	5150.00	53.1 AV	54.0	-0.9	2.45 V	294	52.30	0.80
7	*5180.00	117.0 PK			2.57 V	294	116.11	0.89
8	*5180.00	108.8 AV			2.57 V	294	107.91	0.89
9	#10360.00	58.7 PK	74.0	-15.3	2.11 V	166	47.72	10.98
10	#10360.00	44.1 AV	54.0	-9.9	2.11 V	166	33.12	10.98
11	15540.00	58.2 PK	74.0	-15.8	2.18 V	331	45.47	12.73
12	15540.00	46.4 AV	54.0	-7.6	2.18 V	331	33.67	12.73

REMARKS:

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	5120.00	52.3 PK	74.0	-21.7	1.59 H	100	51.58	0.72
2	5120.00	41.9 AV	54.0	-12.1	1.59 H	100	41.18	0.72
3	*5200.00	108.0 PK			1.57 H	57	107.06	0.94
4	*5200.00	99.4 AV			1.57 H	57	98.46	0.94
5	5360.00	51.6 PK	74.0	-22.4	1.76 H	65	50.31	1.29
6	5360.00	42.8 AV	54.0	-11.2	1.76 H	65	41.51	1.29
7	#10400.00	57.9 PK	74.0	-16.1	1.06 H	249	46.57	11.33
8	#10400.00	46.0 AV	54.0	-8.0	1.06 H	249	34.67	11.33
9	15600.00	57.4 PK	74.0	-16.6	1.05 H	60	44.53	12.87
10	15600.00	46.3 AV	54.0	-7.7	1.05 H	60	33.43	12.87
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	5120.00	61.6 PK	74.0	-12.4	2.40 V	290	60.88	0.72
2	5120.00	51.4 AV	54.0	-2.6	2.40 V	290	50.68	0.72
3	*5200.00	116.1 PK			2.93 V	290	115.16	0.94
4	*5200.00	108.6 AV			2.93 V	290	107.66	0.94
5	5360.00	61.7 PK	74.0	-12.3	2.40 V	289	60.41	1.29
6	5360.00	53.3 AV	54.0	-0.7	2.40 V	289	52.01	1.29
7	#10400.00	59.0 PK	74.0	-15.0	2.07 V	154	47.67	11.33
8	#10400.00	44.4 AV	54.0	-9.6	2.07 V	154	33.07	11.33
9	15600.00	57.8 PK	74.0	-16.2	2.17 V	333	44.93	12.87
10	15600.00	45.9 AV	54.0	-8.1	2.17 V	333	33.03	12.87

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 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	5080.00	51.9 PK	74.0	-22.1	1.72 H	50	51.27	0.63
2	5080.00	43.0 AV	54.0	-11.0	1.72 H	50	42.37	0.63
3	*5240.00	107.8 PK			1.57 H	47	106.74	1.06
4	*5240.00	99.0 AV			1.57 H	47	97.94	1.06
5	5400.00	52.3 PK	74.0	-21.7	1.64 H	85	50.99	1.31
6	5400.00	41.8 AV	54.0	-12.2	1.64 H	85	40.49	1.31
7	#10480.00	57.4 PK	74.0	-16.6	1.05 H	250	46.21	11.19
8	#10480.00	45.6 AV	54.0	-8.4	1.05 H	250	34.41	11.19
9	15720.00	56.9 PK	74.0	-17.1	1.08 H	75	44.59	12.31
10	15720.00	45.9 AV	54.0	-8.1	1.08 H	75	33.59	12.31
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	5080.00	59.5 PK	74.0	-14.5	2.45 V	299	58.87	0.63
2	5080.00	51.1 AV	54.0	-2.9	2.45 V	299	50.47	0.63
3	*5240.00	116.5 PK			2.38 V	292	115.44	1.06
4	*5240.00	108.2 AV			2.38 V	292	107.14	1.06
5	5400.00	61.9 PK	74.0	-12.1	2.67 V	289	60.59	1.31
6	5400.00	53.1 AV	54.0	-0.9	2.67 V	289	51.79	1.31
7	#10480.00	59.1 PK	74.0	-14.9	2.11 V	145	47.91	11.19
8	#10480.00	44.2 AV	54.0	-9.8	2.11 V	145	33.01	11.19
9	15720.00	57.3 PK	74.0	-16.7	2.11 V	347	44.99	12.31
10	15720.00	45.4 AV	54.0	-8.6	2.11 V	347	33.09	12.31

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.

ANT2, ANT3

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	#5585.00	49.8 PK	74.0	-24.2	1.60 H	92	48.14	1.66
2	#5585.00	39.7 AV	54.0	-14.3	1.60 H	92	38.04	1.66
3	#5665.00	49.5 PK	74.0	-24.5	1.55 H	56	47.68	1.82
4	#5665.00	40.2 AV	54.0	-13.8	1.55 H	56	38.38	1.82
5	#5725.00	67.7 PK	78.2	-10.5	1.70 H	67	65.77	1.93
6	*5745.00	107.3 PK			1.49 H	38	105.32	1.98
7	*5745.00	96.7 AV			1.49 H	38	94.72	1.98
8	11490.00	58.3 PK	74.0	-15.7	1.07 H	249	45.43	12.87
9	11490.00	46.3 AV	54.0	-7.7	1.07 H	249	33.43	12.87
10	#17235.00	57.0 PK	74.0	-17.0	1.00 H	77	39.44	17.56
11	#17235.00	45.8 AV	54.0	-8.2	1.00 H	77	28.24	17.56
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5585.00	59.4 PK	74.0	-14.6	2.71 V	306	57.74	1.66
2	#5585.00	49.4 AV	54.0	-4.6	2.71 V	306	47.74	1.66
3	#5665.00	59.5 PK	74.0	-14.5	2.68 V	317	57.68	1.82
4	#5665.00	49.4 AV	54.0	-4.6	2.68 V	317	47.58	1.82
5	#5725.00	78.0 PK	78.2	-0.2	2.99 V	210	76.07	1.93
6	*5745.00	114.8 PK			2.31 V	310	112.82	1.98
7	*5745.00	104.8 AV			2.31 V	310	102.82	1.98
8	11490.00	57.6 PK	74.0	-16.4	2.04 V	179	44.73	12.87
9	11490.00	42.5 AV	54.0	-11.5	2.04 V	179	29.63	12.87
10	#17235.00	58.1 PK	74.0	-15.9	2.16 V	347	40.54	17.56
11	#17235.00	46.0 AV	54.0	-8.0	2.16 V	347	28.44	17.56

REMARKS:

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	#5625.00	58.1 PK	68.2	-10.1	1.51 H	66	56.36	1.74
2	#5705.00	57.0 PK	68.2	-11.2	1.61 H	105	55.11	1.89
3	*5785.00	111.0 PK			1.55 H	30	108.94	2.06
4	*5785.00	100.3 AV			1.55 H	30	98.24	2.06
5	#5860.00	57.5 PK	68.2	-10.7	1.74 H	65	55.37	2.13
6	11570.00	58.7 PK	74.0	-15.3	1.08 H	250	46.08	12.62
7	11570.00	46.7 AV	54.0	-7.3	1.08 H	250	34.08	12.62
8	#17355.00	57.6 PK	68.2	-10.6	1.02 H	68	39.42	18.18
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	#5625.00	68.0 PK	68.2	-0.2	2.77 V	123	66.26	1.74
2	#5705.00	66.1 PK	68.2	-2.1	2.54 V	122	64.21	1.89
3	*5785.00	118.8 PK			2.55 V	338	116.74	2.06
4	*5785.00	108.7 AV			2.55 V	338	106.64	2.06
5	#5860.00	67.5 PK	68.2	-0.7	2.53 V	178	65.37	2.13
6	11570.00	57.6 PK	74.0	-16.4	2.04 V	176	44.98	12.62
7	11570.00	42.4 AV	54.0	-11.6	2.04 V	176	29.78	12.62
8	#17355.00	58.1 PK	68.2	-10.1	2.18 V	342	39.92	18.18

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 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	#5665.00	57.6 PK	68.2	-10.6	1.79 H	50	55.78	1.82
2	*5825.00	108.6 PK			1.52 H	39	106.48	2.12
3	*5825.00	99.1 AV			1.52 H	39	96.98	2.12
4	#5850.00	62.8 PK	78.2	-15.4	1.55 H	100	60.67	2.13
5	#5985.00	57.1 PK	68.2	-11.1	1.55 H	101	54.62	2.48
6	11650.00	58.3 PK	74.0	-15.7	1.02 H	239	45.85	12.45
7	11650.00	46.2 AV	54.0	-7.8	1.02 H	239	33.75	12.45
8	#17475.00	57.7 PK	74.0	-16.3	1.05 H	72	38.95	18.75
9	#17475.00	46.4 AV	54.0	-7.6	1.05 H	72	27.65	18.75
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5665.00	64.9 PK	68.2	-3.3	2.54 V	196	63.08	1.82
2	*5825.00	116.4 PK			2.52 V	193	114.28	2.12
3	*5825.00	106.3 AV			2.52 V	193	104.18	2.12
4	#5850.00	72.7 PK	78.2	-5.5	2.63 V	186	70.57	2.13
5	**#5985.00**	**68.1 PK**	**68.2**	**-0.1**	**2.39 V**	**81**	**65.62**	**2.48**
6	11650.00	57.5 PK	74.0	-16.5	1.99 V	164	45.05	12.45
7	11650.00	42.4 AV	54.0	-11.6	1.99 V	164	29.95	12.45
8	#17475.00	57.9 PK	74.0	-16.1	2.21 V	349	39.15	18.75
9	#17475.00	45.9 AV	54.0	-8.1	2.21 V	349	27.15	18.75

REMARKS:

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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ANT1, ANT3

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	5020.00	50.2 PK	74.0	-23.8	1.78 H	47	49.71	0.49
2	5020.00	41.1 AV	54.0	-12.9	1.78 H	47	40.61	0.49
3	5100.00	51.9 PK	74.0	-22.1	1.49 H	24	51.23	0.67
4	5100.00	41.8 AV	54.0	-12.2	1.49 H	24	41.13	0.67
5	5150.00	58.4 PK	74.0	-15.6	1.55 H	103	57.60	0.80
6	5150.00	43.4 AV	54.0	-10.6	1.55 H	103	42.60	0.80
7	*5180.00	109.4 PK			1.49 H	54	108.51	0.89
8	*5180.00	100.0 AV			1.49 H	54	99.11	0.89
9	#10360.00	58.4 PK	74.0	-15.6	1.00 H	242	47.42	10.98
10	#10360.00	46.1 AV	54.0	-7.9	1.00 H	242	35.12	10.98
11	15540.00	57.3 PK	74.0	-16.7	1.09 H	87	44.57	12.73
12	15540.00	45.9 AV	54.0	-8.1	1.09 H	87	33.17	12.73
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5020.00	60.4 PK	74.0	-13.6	3.06 V	304	59.91	0.49
2	5020.00	51.1 AV	54.0	-2.9	3.06 V	304	50.61	0.49
3	5100.00	61.7 PK	74.0	-12.3	2.70 V	293	61.03	0.67
4	5100.00	51.5 AV	54.0	-2.5	2.70 V	293	50.83	0.67
5	5150.00	68.7 PK	74.0	-5.3	2.41 V	299	67.90	0.80
6	5150.00	53.5 AV	54.0	-0.5	2.41 V	299	52.70	0.80
7	*5180.00	117.1 PK			2.60 V	309	116.21	0.89
8	*5180.00	108.2 AV			2.60 V	309	107.31	0.89
9	#10360.00	57.9 PK	74.0	-16.1	2.01 V	154	46.92	10.98
10	#10360.00	42.9 AV	54.0	-11.1	2.01 V	154	31.92	10.98
11	15540.00	57.3 PK	74.0	-16.7	2.15 V	360	44.57	12.73
12	15540.00	45.4 AV	54.0	-8.6	2.15 V	360	32.67	12.73

REMARKS:

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	5040.00	51.3 PK	74.0	-22.7	1.55 H	31	50.77	0.53
2	5040.00	41.3 AV	54.0	-12.7	1.55 H	31	40.77	0.53
3	5120.00	58.5 PK	74.0	-15.5	1.56 H	91	57.78	0.72
4	5120.00	43.3 AV	54.0	-10.7	1.56 H	91	42.58	0.72
5	*5200.00	109.2 PK			1.47 H	58	108.26	0.94
6	*5200.00	99.6 AV			1.47 H	58	98.66	0.94
7	5360.00	50.4 PK	74.0	-23.6	1.78 H	32	49.11	1.29
8	5360.00	41.1 AV	54.0	-12.9	1.78 H	32	39.81	1.29
9	#10400.00	58.5 PK	74.0	-15.5	1.00 H	250	47.17	11.33
10	#10400.00	46.1 AV	54.0	-7.9	1.00 H	250	34.77	11.33
11	15600.00	57.5 PK	74.0	-16.5	1.09 H	85	44.63	12.87
12	15600.00	46.3 AV	54.0	-7.7	1.09 H	85	33.43	12.87
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	5040.00	59.4 PK	74.0	-14.6	3.20 V	186	58.87	0.53
2	5040.00	50.4 AV	54.0	-3.6	3.20 V	186	49.87	0.53
3	5120.00	62.6 PK	74.0	-11.4	2.85 V	195	61.88	0.72
4	5120.00	50.7 AV	54.0	-3.3	2.85 V	195	49.98	0.72
5	*5200.00	117.7 PK			2.74 V	173	116.76	0.94
6	*5200.00	107.5 AV			2.74 V	173	106.56	0.94
7	5360.00	62.1 PK	74.0	-11.9	2.78 V	170	60.81	1.29
8	5360.00	53.1 AV	54.0	-0.9	2.78 V	170	51.81	1.29
9	#10400.00	57.8 PK	74.0	-16.2	2.03 V	141	46.47	11.33
10	#10400.00	42.6 AV	54.0	-11.4	2.03 V	141	31.27	11.33
11	15600.00	57.7 PK	74.0	-16.3	2.17 V	360	44.83	12.87
12	15600.00	45.7 AV	54.0	-8.3	2.17 V	360	32.83	12.87

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 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	109.8 PK			1.47 H	64	108.74	1.06
2	*5240.00	100.1 AV			1.47 H	64	99.04	1.06
3	5350.00	50.3 PK	74.0	-23.7	1.75 H	52	49.00	1.30
4	5350.00	41.4 AV	54.0	-12.6	1.75 H	52	40.10	1.30
5	5400.00	58.9 PK	74.0	-15.1	1.58 H	100	57.59	1.31
6	5400.00	43.8 AV	54.0	-10.2	1.58 H	100	42.49	1.31
7	#10480.00	58.4 PK	74.0	-15.6	1.00 H	253	47.21	11.19
8	#10480.00	46.2 AV	54.0	-7.8	1.00 H	253	35.01	11.19
9	15720.00	57.1 PK	74.0	-16.9	1.12 H	94	44.79	12.31
10	15720.00	45.7 AV	54.0	-8.3	1.12 H	94	33.39	12.31
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	*5240.00	118.1 PK			2.84 V	190	117.04	1.06
2	*5240.00	107.9 AV			2.84 V	190	106.84	1.06
3	5350.00	63.2 PK	74.0	-10.8	2.66 V	192	61.90	1.30
4	5350.00	51.7 AV	54.0	-2.3	2.66 V	192	50.40	1.30
5	5400.00	62.4 PK	74.0	-11.6	2.70 V	166	61.09	1.31
6	5400.00	53.7 AV	54.0	-0.3	2.70 V	166	52.39	1.31
7	#10480.00	57.8 PK	74.0	-16.2	1.99 V	165	46.61	11.19
8	#10480.00	42.9 AV	54.0	-11.1	1.99 V	165	31.71	11.19
9	15720.00	57.1 PK	74.0	-16.9	2.18 V	360	44.79	12.31
10	15720.00	45.0 AV	54.0	-9.0	2.18 V	360	32.69	12.31

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.

ANT2, ANT3

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	55.3 PK	68.2	-12.9	1.89 H	43	53.38	1.92
2	#5725.00	68.2 PK	78.2	-10.0	1.54 H	105	66.27	1.93
3	*5745.00	105.8 PK			1.41 H	68	103.82	1.98
4	*5745.00	95.0 AV			1.41 H	68	93.02	1.98
5	#5905.00	56.1 PK	68.2	-12.1	1.51 H	30	53.93	2.17
6	11490.00	58.6 PK	74.0	-15.4	1.11 H	255	45.73	12.87
7	11490.00	46.3 AV	54.0	-7.7	1.11 H	255	33.43	12.87
8	#17235.00	57.6 PK	68.2	-10.6	1.00 H	73	40.04	17.56
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	65.0 PK	68.2	-3.2	2.60 V	173	63.08	1.92
2	#5725.00	77.5 PK	78.2	-0.7	2.60 V	172	75.57	1.93
3	*5745.00	113.0 PK			2.55 V	192	111.02	1.98
4	*5745.00	103.0 AV			2.55 V	192	101.02	1.98
5	#5905.00	65.9 PK	68.2	-2.3	2.64 V	171	63.73	2.17
6	11490.00	57.3 PK	74.0	-16.7	2.11 V	174	44.43	12.87
7	11490.00	42.8 AV	54.0	-11.2	2.11 V	174	29.93	12.87
8	#17235.00	57.8 PK	68.2	-10.4	2.22 V	360	40.24	17.56

REMARKS:

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	#5625.00	57.0 PK	68.2	-11.2	1.88 H	33	55.26	1.74
2	#5705.00	57.7 PK	68.2	-10.5	1.51 H	28	55.81	1.89
3	*5785.00	113.3 PK			1.42 H	52	111.24	2.06
4	*5785.00	102.9 AV			1.42 H	52	100.84	2.06
5	#5860.00	56.9 PK	68.2	-11.3	1.60 H	116	54.77	2.13
6	11570.00	58.8 PK	74.0	-15.2	1.09 H	256	46.18	12.62
7	11570.00	46.5 AV	54.0	-7.5	1.09 H	256	33.88	12.62
8	#17355.00	57.4 PK	68.2	-10.8	1.01 H	72	39.22	18.18
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	#5625.00	67.6 PK	68.2	-0.6	2.61 V	167	65.86	1.74
2	#5705.00	67.6 PK	68.2	-0.6	2.61 V	181	65.71	1.89
3	*5785.00	120.7 PK			2.60 V	168	118.64	2.06
4	*5785.00	110.8 AV			2.60 V	168	108.74	2.06
5	#5860.00	67.3 PK	68.2	-0.9	2.61 V	182	65.17	2.13
6	11570.00	57.2 PK	74.0	-16.8	2.17 V	172	44.58	12.62
7	11570.00	42.8 AV	54.0	-11.2	2.17 V	172	30.18	12.62
8	#17355.00	57.9 PK	68.2	-10.3	2.23 V	360	39.72	18.18

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 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	#5665.00	53.8 PK	68.2	-14.4	1.54 H	114	51.98	1.82
2	*5825.00	109.5 PK			1.37 H	67	107.38	2.12
3	*5825.00	98.9 AV			1.37 H	67	96.78	2.12
4	#5850.00	63.4 PK	78.2	-14.8	1.84 H	46	61.27	2.13
5	#5985.00	58.5 PK	68.2	-9.7	1.49 H	20	56.02	2.48
6	11650.00	58.7 PK	74.0	-15.3	1.05 H	266	46.25	12.45
7	11650.00	46.5 AV	54.0	-7.5	1.05 H	266	34.05	12.45
8	#17475.00	57.4 PK	74.0	-16.6	1.01 H	63	38.65	18.75
9	#17475.00	46.5 AV	54.0	-7.5	1.01 H	63	27.75	18.75
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5665.00	64.8 PK	68.2	-3.4	2.54 V	205	62.98	1.82
2	*5825.00	116.3 PK			2.56 V	204	114.18	2.12
3	*5825.00	106.5 AV			2.56 V	204	104.38	2.12
4	#5850.00	73.0 PK	78.2	-5.2	2.63 V	184	70.87	2.13
5	#5985.00	67.8 PK	68.2	-0.4	2.43 V	94	65.32	2.48
6	11650.00	56.9 PK	74.0	-17.1	2.22 V	182	44.45	12.45
7	11650.00	42.3 AV	54.0	-11.7	2.22 V	182	29.85	12.45
8	#17475.00	57.9 PK	74.0	-16.1	2.19 V	360	39.15	18.75
9	#17475.00	46.7 AV	54.0	-7.3	2.19 V	360	27.95	18.75

REMARKS:

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

ANT1, ANT3

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	59.1 PK	74.0	-14.9	1.53 H	115	58.30	0.80
2	5150.00	43.7 AV	54.0	-10.3	1.53 H	115	42.90	0.80
3	*5190.00	103.3 PK			1.49 H	101	102.39	0.91
4	*5190.00	89.2 AV			1.49 H	101	88.29	0.91
5	5350.00	45.0 PK	74.0	-29.0	1.44 H	23	43.70	1.30
6	5350.00	35.1 AV	54.0	-18.9	1.44 H	23	33.80	1.30
7	#10380.00	58.5 PK	74.0	-15.5	1.05 H	263	47.34	11.16
8	#10380.00	46.5 AV	54.0	-7.5	1.05 H	263	35.34	11.16
9	15570.00	57.8 PK	74.0	-16.2	1.05 H	67	45.00	12.80
10	15570.00	46.9 AV	54.0	-7.1	1.05 H	67	34.10	12.80
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.1 PK	74.0	-4.9	2.60 V	305	68.30	0.80
2	5150.00	53.6 AV	54.0	-0.4	2.60 V	305	52.80	0.80
3	*5190.00	109.8 PK			2.51 V	304	108.89	0.91
4	*5190.00	98.2 AV			2.51 V	304	97.29	0.91
5	5350.00	55.2 PK	74.0	-18.8	2.56 V	302	53.90	1.30
6	5350.00	45.5 AV	54.0	-8.5	2.56 V	302	44.20	1.30
7	#10380.00	56.9 PK	74.0	-17.1	2.22 V	183	45.74	11.16
8	#10380.00	42.5 AV	54.0	-11.5	2.22 V	183	31.34	11.16
9	15570.00	58.1 PK	74.0	-15.9	2.21 V	360	45.30	12.80
10	15570.00	47.2 AV	54.0	-6.8	2.21 V	360	34.40	12.80

REMARKS:

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

CHANNEL	TX Channel 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	5150.00	59.1 PK	74.0	-14.9	1.53 H	127	58.30	0.80
2	5150.00	43.7 AV	54.0	-10.3	1.53 H	127	42.90	0.80
3	*5230.00	110.0 PK			1.50 H	112	108.96	1.04
4	*5230.00	96.1 AV			1.50 H	112	95.06	1.04
5	5390.00	50.7 PK	74.0	-23.3	1.45 H	23	49.39	1.31
6	5390.00	40.2 AV	54.0	-13.8	1.45 H	23	38.89	1.31
7	#10460.00	58.2 PK	74.0	-15.8	1.06 H	268	46.98	11.22
8	#10460.00	46.6 AV	54.0	-7.4	1.06 H	268	35.38	11.22
9	15690.00	57.9 PK	74.0	-16.1	1.11 H	79	45.52	12.38
10	15690.00	47.1 AV	54.0	-6.9	1.11 H	79	34.72	12.38
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.9 PK	74.0	-5.1	2.85 V	304	68.10	0.80
2	5150.00	53.8 AV	54.0	-0.2	2.85 V	304	53.00	0.80
3	*5230.00	116.4 PK			2.43 V	308	115.36	1.04
4	*5230.00	105.2 AV			2.43 V	308	104.16	1.04
5	5390.00	61.2 PK	74.0	-12.8	2.43 V	306	59.89	1.31
6	5390.00	50.5 AV	54.0	-3.5	2.43 V	306	49.19	1.31
7	#10460.00	56.3 PK	74.0	-17.7	2.22 V	177	45.08	11.22
8	#10460.00	42.1 AV	54.0	-11.9	2.22 V	177	30.88	11.22
9	15690.00	58.7 PK	74.0	-15.3	2.24 V	360	46.32	12.38
10	15690.00	47.7 AV	54.0	-6.3	2.24 V	360	35.32	12.38

REMARKS:

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.

ANT2, ANT3

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	60.1 PK	74.0	-13.9	1.46 H	107	58.18	1.92
2	#5715.00	43.5 AV	54.0	-10.5	1.46 H	107	41.58	1.92
3	#5725.00	65.2 PK	78.2	-13.0	1.61 H	113	63.27	1.93
4	*5755.00	102.3 PK			1.54 H	86	100.30	2.00
5	*5755.00	88.7 AV			1.54 H	86	86.70	2.00
6	11510.00	58.8 PK	74.0	-15.2	1.18 H	295	45.97	12.83
7	11510.00	47.5 AV	54.0	-6.5	1.18 H	295	34.67	12.83
8	#17265.00	57.1 PK	74.0	-16.9	1.08 H	98	39.45	17.65
9	#17265.00	45.9 AV	54.0	-8.1	1.08 H	98	28.25	17.65
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	70.3 PK	74.0	-3.7	2.54 V	359	68.38	1.92
2	#5715.00	53.7 AV	54.0	-0.3	2.54 V	359	51.78	1.92
3	#5725.00	75.7 PK	78.2	-2.5	2.54 V	305	73.77	1.93
4	*5755.00	108.4 PK			2.63 V	306	106.40	2.00
5	*5755.00	97.2 AV			2.63 V	306	95.20	2.00
6	11510.00	56.2 PK	74.0	-17.8	2.16 V	153	43.37	12.83
7	11510.00	42.6 AV	54.0	-11.4	2.16 V	153	29.77	12.83
8	#17265.00	59.5 PK	74.0	-14.5	2.28 V	360	41.85	17.65
9	#17265.00	47.8 AV	54.0	-6.2	2.28 V	360	30.15	17.65

REMARKS:

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

CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	53.3 PK	74.0	-20.7	1.63 H	114	51.38	1.92
2	#5715.00	40.5 AV	54.0	-13.5	1.63 H	114	38.58	1.92
3	#5725.00	58.2 PK	78.2	-20.0	1.48 H	99	56.27	1.93
4	*5795.00	108.3 PK			1.54 H	92	106.21	2.09
5	*5795.00	94.0 AV			1.54 H	92	91.91	2.09
6	#5850.00	66.9 PK	78.2	-11.3	1.05 H	86	64.77	2.13
7	#5860.00	62.1 PK	74.0	-11.9	1.50 H	111	59.97	2.13
8	#5860.00	43.2 AV	54.0	-10.8	1.50 H	111	41.07	2.13
9	11590.00	59.0 PK	74.0	-15.0	1.24 H	310	46.45	12.55
10	11590.00	47.7 AV	54.0	-6.3	1.24 H	310	35.15	12.55
11	#17385.00	56.6 PK	74.0	-17.4	1.12 H	114	38.21	18.39
12	#17385.00	45.5 AV	54.0	-8.5	1.12 H	114	27.11	18.39
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	#5715.00	63.2 PK	74.0	-10.8	2.29 V	306	61.28	1.92
2	#5715.00	50.7 AV	54.0	-3.3	2.29 V	306	48.78	1.92
3	#5725.00	68.6 PK	78.2	-9.6	2.44 V	306	66.67	1.93
4	*5795.00	114.7 PK			2.35 V	309	112.61	2.09
5	*5795.00	102.8 AV			2.35 V	309	100.71	2.09
6	#5850.00	76.7 PK	78.2	-1.5	2.59 V	313	74.57	2.13
7	#5860.00	72.7 PK	74.0	-1.3	2.63 V	308	70.57	2.13
8	#5860.00	53.3 AV	54.0	-0.7	2.63 V	308	51.17	2.13
9	11590.00	55.8 PK	74.0	-18.2	2.22 V	165	43.25	12.55
10	11590.00	42.4 AV	54.0	-11.6	2.22 V	165	29.85	12.55
11	#17385.00	59.1 PK	74.0	-14.9	2.32 V	357	40.71	18.39
12	#17385.00	47.3 AV	54.0	-6.7	2.32 V	357	28.91	18.39

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.

802.11ac VHT80

ANT1, ANT3

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	56.8 PK	74.0	-17.2	1.48 H	116	56.00	0.80
2	5150.00	42.9 AV	54.0	-11.1	1.48 H	116	42.10	0.80
3	*5210.00	95.9 PK			1.59 H	97	94.92	0.98
4	*5210.00	81.9 AV			1.59 H	97	80.92	0.98
5	#5788.00	50.9 PK	74.0	-23.1	1.60 H	122	48.83	2.07
6	#5788.00	40.2 AV	54.0	-13.8	1.60 H	122	38.13	2.07
7	#10420.00	59.0 PK	74.0	-15.0	1.21 H	313	47.71	11.29
8	#10420.00	47.7 AV	54.0	-6.3	1.21 H	313	36.41	11.29
9	15630.00	56.5 PK	74.0	-17.5	1.08 H	127	43.79	12.71
10	15630.00	45.2 AV	54.0	-8.8	1.08 H	127	32.49	12.71
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.4 PK	74.0	-6.6	2.39 V	301	66.60	0.80
2	5150.00	53.2 AV	54.0	-0.8	2.39 V	301	52.40	0.80
3	*5210.00	102.0 PK			2.33 V	253	101.02	0.98
4	*5210.00	90.5 AV			2.33 V	253	89.52	0.98
5	#5788.00	56.0 PK	74.0	-18.0	2.31 V	268	53.93	2.07
6	#5788.00	48.0 AV	54.0	-6.0	2.31 V	268	45.93	2.07
7	#10420.00	56.2 PK	74.0	-17.8	2.25 V	166	44.91	11.29
8	#10420.00	42.6 AV	54.0	-11.4	2.25 V	166	31.31	11.29
9	15630.00	59.6 PK	74.0	-14.4	2.37 V	360	46.89	12.71
10	15630.00	47.8 AV	54.0	-6.2	2.37 V	360	35.09	12.71

REMARKS:

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.

ANT2, ANT3

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	58.2 PK	74.0	-15.8	1.03 H	95	56.28	1.92
2	#5715.00	43.1 AV	54.0	-10.9	1.03 H	95	41.18	1.92
3	#5725.00	68.7 PK	78.2	-9.5	1.48 H	101	66.77	1.93
4	*5775.00	95.5 PK			1.68 H	97	93.45	2.05
5	*5775.00	81.8 AV			1.68 H	97	79.75	2.05
6	#5850.00	53.7 PK	78.2	-24.5	1.61 H	100	51.57	2.13
7	#5860.00	50.4 PK	74.0	-23.6	1.51 H	94	48.27	2.13
8	#5860.00	40.1 AV	54.0	-13.9	1.51 H	94	37.97	2.13
9	11550.00	58.8 PK	74.0	-15.2	1.18 H	323	46.12	12.68
10	11550.00	47.4 AV	54.0	-6.6	1.18 H	323	34.72	12.68
11	#17325.00	56.8 PK	74.0	-17.2	1.11 H	136	38.86	17.94
12	#17325.00	45.7 AV	54.0	-8.3	1.11 H	136	27.76	17.94
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	68.2 PK	74.0	-5.8	2.56 V	178	66.28	1.92
2	#5715.00	52.8 AV	54.0	-1.2	2.56 V	178	50.88	1.92
3	#5725.00	72.9 PK	78.2	-5.3	2.56 V	172	70.97	1.93
4	*5775.00	104.4 PK			2.06 V	306	102.35	2.05
5	*5775.00	91.8 AV			2.06 V	306	89.75	2.05
6	#5850.00	63.8 PK	78.2	-14.4	2.47 V	180	61.67	2.13
7	#5860.00	61.2 PK	74.0	-12.8	2.49 V	190	59.07	2.13
8	#5860.00	47.1 AV	54.0	-6.9	2.49 V	190	44.97	2.13
9	11550.00	56.3 PK	74.0	-17.7	2.21 V	176	43.62	12.68
10	11550.00	42.4 AV	54.0	-11.6	2.21 V	176	29.72	12.68
11	#17325.00	59.8 PK	74.0	-14.2	2.37 V	360	41.86	17.94
12	#17325.00	48.1 AV	54.0	-5.9	2.37 V	360	30.16	17.94

REMARKS:

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.

1TX

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ANT1

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	5020.00	50.4 PK	74.0	-23.6	1.65 H	63	49.91	0.49
2	5020.00	41.2 AV	54.0	-12.8	1.65 H	63	40.71	0.49
3	5100.00	53.0 PK	74.0	-21.0	1.64 H	84	52.33	0.67
4	5100.00	42.7 AV	54.0	-11.3	1.64 H	84	42.03	0.67
5	5150.00	57.6 PK	74.0	-16.4	1.66 H	77	56.80	0.80
6	5150.00	43.3 AV	54.0	-10.7	1.66 H	77	42.50	0.80
7	*5180.00	104.8 PK			1.66 H	71	103.91	0.89
8	*5180.00	95.7 AV			1.66 H	71	94.81	0.89
9	#10360.00	57.3 PK	74.0	-16.7	1.02 H	271	46.32	10.98
10	#10360.00	45.6 AV	54.0	-8.4	1.02 H	271	34.62	10.98
11	15540.00	57.4 PK	74.0	-16.6	1.01 H	65	44.67	12.73
12	15540.00	46.0 AV	54.0	-8.0	1.01 H	65	33.27	12.73
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5020.00	60.4 PK	74.0	-13.6	3.04 V	299	59.91	0.49
2	5020.00	51.4 AV	54.0	-2.6	3.04 V	299	50.91	0.49
3	5100.00	62.6 PK	74.0	-11.4	2.67 V	296	61.93	0.67
4	5100.00	52.4 AV	54.0	-1.6	2.67 V	296	51.73	0.67
5	5150.00	67.8 PK	74.0	-6.2	2.51 V	281	67.00	0.80
6	5150.00	53.6 AV	54.0	-0.4	2.51 V	281	52.80	0.80
7	*5180.00	112.9 PK			2.59 V	284	112.01	0.89
8	*5180.00	104.5 AV			2.59 V	284	103.61	0.89
9	#10360.00	58.2 PK	74.0	-15.8	2.06 V	166	47.22	10.98
10	#10360.00	43.8 AV	54.0	-10.2	2.06 V	166	32.82	10.98
11	15540.00	57.8 PK	74.0	-16.2	2.17 V	334	45.07	12.73
12	15540.00	46.1 AV	54.0	-7.9	2.17 V	334	33.37	12.73

REMARKS:

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	5150.00	53.8 PK	74.0	-20.2	1.68 H	81	53.00	0.80
2	5150.00	43.5 AV	54.0	-10.5	1.68 H	81	42.70	0.80
3	*5200.00	106.6 PK			1.64 H	64	105.66	0.94
4	*5200.00	96.6 AV			1.64 H	64	95.66	0.94
5	5360.00	52.4 PK	74.0	-21.6	1.61 H	65	51.11	1.29
6	5360.00	42.0 AV	54.0	-12.0	1.61 H	65	40.71	1.29
7	#10400.00	57.2 PK	74.0	-16.8	1.12 H	274	45.87	11.33
8	#10400.00	45.2 AV	54.0	-8.8	1.12 H	274	33.87	11.33
9	15600.00	57.0 PK	74.0	-17.0	1.16 H	78	44.13	12.87
10	15600.00	45.6 AV	54.0	-8.4	1.16 H	78	32.73	12.87
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	5150.00	63.6 PK	74.0	-10.4	2.40 V	290	62.80	0.80
2	5150.00	53.4 AV	54.0	-0.6	2.40 V	290	52.60	0.80
3	*5200.00	114.6 PK			2.93 V	290	113.66	0.94
4	*5200.00	105.5 AV			2.93 V	290	104.56	0.94
5	5360.00	62.1 PK	74.0	-11.9	2.48 V	360	60.81	1.29
6	5360.00	51.8 AV	54.0	-2.2	2.48 V	360	50.51	1.29
7	#10400.00	58.3 PK	74.0	-15.7	2.05 V	160	46.97	11.33
8	#10400.00	44.0 AV	54.0	-10.0	2.05 V	160	32.67	11.33
9	15600.00	57.6 PK	74.0	-16.4	2.20 V	350	44.73	12.87
10	15600.00	45.8 AV	54.0	-8.2	2.20 V	350	32.93	12.87

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 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	5080.00	49.1 PK	74.0	-24.9	1.69 H	57	48.47	0.63
2	5080.00	41.1 AV	54.0	-12.9	1.69 H	57	40.47	0.63
3	*5240.00	107.8 PK			1.66 H	55	106.74	1.06
4	*5240.00	98.3 AV			1.66 H	55	97.24	1.06
5	5400.00	50.2 PK	74.0	-23.8	1.63 H	59	48.89	1.31
6	5400.00	42.2 AV	54.0	-11.8	1.63 H	59	40.89	1.31
7	#10480.00	57.4 PK	74.0	-16.6	1.13 H	280	46.21	11.19
8	#10480.00	45.5 AV	54.0	-8.5	1.13 H	280	34.31	11.19
9	15720.00	57.2 PK	74.0	-16.8	1.14 H	66	44.89	12.31
10	15720.00	45.7 AV	54.0	-8.3	1.14 H	66	33.39	12.31
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	5080.00	59.1 PK	74.0	-14.9	2.42 V	298	58.47	0.63
2	5080.00	50.9 AV	54.0	-3.1	2.42 V	298	50.27	0.63
3	*5240.00	115.9 PK			2.38 V	287	114.84	1.06
4	*5240.00	107.2 AV			2.38 V	287	106.14	1.06
5	5400.00	60.0 PK	74.0	-14.0	2.62 V	297	58.69	1.31
6	5400.00	52.1 AV	54.0	-1.9	2.62 V	297	50.79	1.31
7	#10480.00	57.9 PK	74.0	-16.1	2.11 V	169	46.71	11.19
8	#10480.00	43.8 AV	54.0	-10.2	2.11 V	169	32.61	11.19
9	15720.00	57.2 PK	74.0	-16.8	2.19 V	360	44.89	12.31
10	15720.00	45.5 AV	54.0	-8.5	2.19 V	360	33.19	12.31

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.

ANT3

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	#5585.00	49.2 PK	74.0	-24.8	1.63 H	81	47.54	1.66
2	#5585.00	39.0 AV	54.0	-15.0	1.63 H	81	37.34	1.66
3	#5665.00	49.1 PK	74.0	-24.9	1.68 H	64	47.28	1.82
4	#5665.00	39.1 AV	54.0	-14.9	1.68 H	64	37.28	1.82
5	#5725.00	68.0 PK	78.2	-10.2	1.72 H	64	66.07	1.93
6	*5745.00	105.9 PK			1.66 H	56	103.92	1.98
7	*5745.00	95.6 AV			1.66 H	56	93.62	1.98
8	11490.00	57.8 PK	74.0	-16.2	1.14 H	270	44.93	12.87
9	11490.00	45.6 AV	54.0	-8.4	1.14 H	270	32.73	12.87
10	#17235.00	57.1 PK	74.0	-16.9	1.18 H	83	39.54	17.56
11	#17235.00	45.5 AV	54.0	-8.5	1.18 H	83	27.94	17.56
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5585.00	59.0 PK	74.0	-15.0	2.71 V	294	57.34	1.66
2	#5585.00	49.0 AV	54.0	-5.0	2.71 V	294	47.34	1.66
3	#5665.00	59.6 PK	74.0	-14.4	2.73 V	306	57.78	1.82
4	#5665.00	49.5 AV	54.0	-4.5	2.73 V	306	47.68	1.82
5	#5725.00	77.9 PK	78.2	-0.3	2.96 V	222	75.97	1.93
6	*5745.00	113.7 PK			2.30 V	308	111.72	1.98
7	*5745.00	103.8 AV			2.30 V	308	101.82	1.98
8	11490.00	58.1 PK	74.0	-15.9	2.07 V	156	45.23	12.87
9	11490.00	44.0 AV	54.0	-10.0	2.07 V	156	31.13	12.87
10	#17235.00	57.2 PK	74.0	-16.8	2.24 V	352	39.64	17.56
11	#17235.00	45.4 AV	54.0	-8.6	2.24 V	352	27.84	17.56

REMARKS:

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	#5625.00	58.2 PK	68.2	-10.0	1.61 H	83	56.46	1.74
2	#5705.00	56.6 PK	68.2	-11.6	1.68 H	81	54.71	1.89
3	*5785.00	110.9 PK			1.71 H	59	108.84	2.06
4	*5785.00	100.4 AV			1.71 H	59	98.34	2.06
5	#5860.00	57.9 PK	68.2	-10.3	1.64 H	59	55.77	2.13
6	11570.00	57.7 PK	74.0	-16.3	1.08 H	271	45.08	12.62
7	11570.00	45.5 AV	54.0	-8.5	1.08 H	271	32.88	12.62
8	#17355.00	56.7 PK	68.2	-11.5	1.15 H	74	38.52	18.18
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	**#5625.00**	**68.1 PK**	**68.2**	**-0.1**	**2.73 V**	**119**	**66.36**	**1.74**
2	#5705.00	66.4 PK	68.2	-1.8	2.51 V	123	64.51	1.89
3	*5785.00	118.7 PK			2.49 V	348	116.64	2.06
4	*5785.00	108.5 AV			2.49 V	348	106.44	2.06
5	#5860.00	67.9 PK	68.2	-0.3	2.48 V	168	65.77	2.13
6	11570.00	58.0 PK	74.0	-16.0	2.10 V	152	45.38	12.62
7	11570.00	43.8 AV	54.0	-10.2	2.10 V	152	31.18	12.62
8	#17355.00	58.3 PK	68.2	-9.9	2.18 V	344	40.12	18.18

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 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	#5665.00	54.3 PK	68.2	-13.9	1.63 H	74	52.48	1.82
2	*5825.00	108.9 PK			1.63 H	59	106.78	2.12
3	*5825.00	98.5 AV			1.63 H	59	96.38	2.12
4	#5850.00	67.8 PK	78.2	-10.4	1.63 H	67	65.67	2.13
5	#5985.00	57.7 PK	68.2	-10.5	1.67 H	71	55.22	2.48
6	11650.00	57.7 PK	74.0	-16.3	1.18 H	267	45.25	12.45
7	11650.00	45.6 AV	54.0	-8.4	1.18 H	267	33.15	12.45
8	#17475.00	56.3 PK	68.2	-11.9	1.15 H	89	37.55	18.75
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5665.00	64.3 PK	68.2	-3.9	2.58 V	209	62.48	1.82
2	*5825.00	116.7 PK			2.56 V	183	114.58	2.12
3	*5825.00	106.6 AV			2.56 V	183	104.48	2.12
4	#5850.00	77.5 PK	78.2	-0.7	2.59 V	179	75.37	2.13
5	**#5985.00**	**68.1 PK**	**68.2**	**-0.1**	**2.37 V**	**96**	**65.62**	**2.48**
6	11650.00	58.1 PK	74.0	-15.9	2.08 V	147	45.65	12.45
7	11650.00	43.7 AV	54.0	-10.3	2.08 V	147	31.25	12.45
8	#17475.00	57.4 PK	68.2	-10.8	2.22 V	353	38.65	18.75

REMARKS:

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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ANT1

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	5020.00	50.2 PK	74.0	-23.8	1.68 H	76	49.71	0.49
2	5020.00	40.9 AV	54.0	-13.1	1.68 H	76	40.41	0.49
3	5100.00	52.3 PK	74.0	-21.7	1.64 H	60	51.63	0.67
4	5100.00	42.2 AV	54.0	-11.8	1.64 H	60	41.53	0.67
5	5150.00	59.0 PK	74.0	-15.0	1.70 H	56	58.20	0.80
6	5150.00	43.8 AV	54.0	-10.2	1.70 H	56	43.00	0.80
7	*5180.00	104.9 PK			1.62 H	50	104.01	0.89
8	*5180.00	95.7 AV			1.62 H	50	94.81	0.89
9	#10360.00	57.6 PK	74.0	-16.4	1.18 H	257	46.62	10.98
10	#10360.00	45.2 AV	54.0	-8.8	1.18 H	257	34.22	10.98
11	15540.00	56.5 PK	74.0	-17.5	1.13 H	91	43.77	12.73
12	15540.00	45.5 AV	54.0	-8.5	1.13 H	91	32.77	12.73
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5020.00	60.4 PK	74.0	-13.6	3.01 V	303	59.91	0.49
2	5020.00	50.9 AV	54.0	-3.1	3.01 V	303	50.41	0.49
3	5100.00	62.1 PK	74.0	-11.9	2.71 V	292	61.43	0.67
4	5100.00	51.9 AV	54.0	-2.1	2.71 V	292	51.23	0.67
5	5150.00	69.3 PK	74.0	-4.7	2.37 V	309	68.50	0.80
6	**5150.00**	**53.9 AV**	**54.0**	**-0.1**	**2.37 V**	**309**	**53.10**	**0.80**
7	*5180.00	112.6 PK			2.56 V	304	111.71	0.89
8	*5180.00	103.9 AV			2.56 V	304	103.01	0.89
9	#10360.00	58.6 PK	74.0	-15.4	2.06 V	175	47.62	10.98
10	#10360.00	44.0 AV	54.0	-10.0	2.06 V	175	33.02	10.98
11	15540.00	57.5 PK	74.0	-16.5	2.24 V	346	44.77	12.73
12	15540.00	45.9 AV	54.0	-8.1	2.24 V	346	33.17	12.73

REMARKS:

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	5040.00	49.4 PK	74.0	-24.6	1.61 H	83	48.87	0.53
2	5040.00	40.2 AV	54.0	-13.8	1.61 H	83	39.67	0.53
3	5120.00	52.3 PK	74.0	-21.7	1.64 H	58	51.58	0.72
4	5120.00	40.3 AV	54.0	-13.7	1.64 H	58	39.58	0.72
5	*5200.00	108.0 PK			1.63 H	57	107.06	0.94
6	*5200.00	97.3 AV			1.63 H	57	96.36	0.94
7	5360.00	51.9 PK	74.0	-22.1	1.64 H	81	50.61	1.29
8	5360.00	42.8 AV	54.0	-11.2	1.64 H	81	41.51	1.29
9	#10400.00	57.9 PK	74.0	-16.1	1.16 H	270	46.57	11.33
10	#10400.00	45.7 AV	54.0	-8.3	1.16 H	270	34.37	11.33
11	15600.00	55.9 PK	74.0	-18.1	1.21 H	89	43.03	12.87
12	15600.00	44.9 AV	54.0	-9.1	1.21 H	89	32.03	12.87
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	5040.00	59.4 PK	74.0	-14.6	3.20 V	201	58.87	0.53
2	5040.00	50.2 AV	54.0	-3.8	3.20 V	201	49.67	0.53
3	5120.00	62.3 PK	74.0	-11.7	2.79 V	192	61.58	0.72
4	5120.00	50.3 AV	54.0	-3.7	2.79 V	192	49.58	0.72
5	*5200.00	115.7 PK			2.79 V	183	114.76	0.94
6	*5200.00	105.5 AV			2.79 V	183	104.56	0.94
7	5360.00	62.3 PK	74.0	-11.7	2.80 V	160	61.01	1.29
8	5360.00	53.1 AV	54.0	-0.9	2.80 V	160	51.81	1.29
9	#10400.00	58.4 PK	74.0	-15.6	2.10 V	148	47.07	11.33
10	#10400.00	44.3 AV	54.0	-9.7	2.10 V	148	32.97	11.33
11	15600.00	57.5 PK	74.0	-16.5	2.15 V	353	44.63	12.87
12	15600.00	45.6 AV	54.0	-8.4	2.15 V	353	32.73	12.87

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	111.4 PK			1.62 H	61	110.34	1.06
2	*5240.00	100.4 AV			1.62 H	61	99.34	1.06
3	5350.00	53.2 PK	74.0	-20.8	1.71 H	62	51.90	1.30
4	5350.00	42.0 AV	54.0	-12.0	1.71 H	62	40.70	1.30
5	5400.00	53.8 PK	74.0	-20.2	1.66 H	86	52.49	1.31
6	5400.00	42.1 AV	54.0	-11.9	1.66 H	86	40.79	1.31
7	#10480.00	57.8 PK	74.0	-16.2	1.20 H	266	46.61	11.19
8	#10480.00	45.8 AV	54.0	-8.2	1.20 H	266	34.61	11.19
9	15720.00	56.3 PK	74.0	-17.7	1.18 H	90	43.99	12.31
10	15720.00	45.2 AV	54.0	-8.8	1.18 H	90	32.89	12.31
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	*5240.00	119.1 PK			2.68 V	241	118.04	1.06
2	*5240.00	108.6 AV			2.68 V	241	107.54	1.06
3	5350.00	62.9 PK	74.0	-11.1	2.64 V	206	61.60	1.30
4	5350.00	51.7 AV	54.0	-2.3	2.64 V	206	50.40	1.30
5	5400.00	63.7 PK	74.0	-10.3	2.79 V	359	62.39	1.31
6	5400.00	52.2 AV	54.0	-1.8	2.79 V	359	50.89	1.31
7	#10480.00	58.6 PK	74.0	-15.4	2.04 V	168	47.41	11.19
8	#10480.00	44.2 AV	54.0	-9.8	2.04 V	168	33.01	11.19
9	15720.00	58.1 PK	74.0	-15.9	2.20 V	350	45.79	12.31
10	15720.00	46.2 AV	54.0	-7.8	2.20 V	350	33.89	12.31

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.

ANT3

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	54.8 PK	68.2	-13.4	1.66 H	54	52.88	1.92
2	#5725.00	66.9 PK	78.2	-11.3	1.73 H	50	64.97	1.93
3	*5745.00	104.5 PK			1.61 H	126	102.52	1.98
4	*5745.00	93.6 AV			1.61 H	126	91.62	1.98
5	#5905.00	55.8 PK	68.2	-12.4	1.74 H	48	53.63	2.17
6	11490.00	57.7 PK	74.0	-16.3	1.15 H	263	44.83	12.87
7	11490.00	45.9 AV	54.0	-8.1	1.15 H	263	33.03	12.87
8	#17235.00	56.7 PK	68.2	-11.5	1.18 H	103	39.14	17.56
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	65.2 PK	68.2	-3.0	2.63 V	169	63.28	1.92
2	#5725.00	76.7 PK	78.2	-1.5	2.63 V	160	74.77	1.93
3	*5745.00	111.1 PK			2.53 V	203	109.12	1.98
4	*5745.00	100.8 AV			2.53 V	203	98.82	1.98
5	#5905.00	65.9 PK	68.2	-2.3	2.64 V	166	63.73	2.17
6	11490.00	58.7 PK	74.0	-15.3	2.08 V	174	45.83	12.87
7	11490.00	44.3 AV	54.0	-9.7	2.08 V	174	31.43	12.87
8	#17235.00	57.5 PK	68.2	-10.7	2.18 V	360	39.94	17.56

REMARKS:

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	#5625.00	57.2 PK	68.2	-11.0	1.66 H	48	55.46	1.74
2	#5705.00	56.8 PK	68.2	-11.4	1.69 H	41	54.91	1.89
3	*5785.00	112.9 PK			1.55 H	130	110.84	2.06
4	*5785.00	102.4 AV			1.55 H	130	100.34	2.06
5	#5860.00	57.0 PK	68.2	-11.2	1.72 H	40	54.87	2.13
6	11570.00	58.2 PK	74.0	-15.8	1.15 H	275	45.58	12.62
7	11570.00	45.9 AV	54.0	-8.1	1.15 H	275	33.28	12.62
8	#17355.00	56.5 PK	68.2	-11.7	1.16 H	99	38.32	18.18
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	#5625.00	67.4 PK	68.2	-0.8	2.77 V	315	65.66	1.74
2	#5705.00	67.4 PK	68.2	-0.8	2.70 V	307	65.51	1.89
3	*5785.00	119.6 PK			2.71 V	310	117.54	2.06
4	*5785.00	109.7 AV			2.71 V	310	107.64	2.06
5	#5860.00	67.2 PK	68.2	-1.0	2.74 V	326	65.07	2.13
6	11570.00	59.0 PK	74.0	-15.0	2.08 V	166	46.38	12.62
7	11570.00	44.5 AV	54.0	-9.5	2.08 V	166	31.88	12.62
8	#17355.00	58.2 PK	68.2	-10.0	2.19 V	345	40.02	18.18

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 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	#5665.00	53.9 PK	68.2	-14.3	1.77 H	53	52.08	1.82
2	*5825.00	109.5 PK			1.61 H	117	107.38	2.12
3	*5825.00	98.9 AV			1.61 H	117	96.78	2.12
4	#5850.00	67.4 PK	78.2	-10.8	1.66 H	69	65.27	2.13
5	#5985.00	57.4 PK	68.2	-10.8	1.75 H	45	54.92	2.48
6	11650.00	57.2 PK	74.0	-16.8	1.18 H	278	44.75	12.45
7	11650.00	45.4 AV	54.0	-8.6	1.18 H	278	32.95	12.45
8	#17475.00	56.4 PK	68.2	-11.8	1.13 H	92	37.65	18.75
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5665.00	64.1 PK	68.2	-4.1	2.71 V	342	62.28	1.82
2	*5825.00	116.2 PK			2.68 V	321	114.08	2.12
3	*5825.00	106.2 AV			2.68 V	321	104.08	2.12
4	#5850.00	77.7 PK	78.2	-0.5	2.71 V	317	75.57	2.13
5	#5985.00	67.6 PK	68.2	-0.6	2.69 V	292	65.12	2.48
6	11650.00	58.4 PK	74.0	-15.6	2.11 V	174	45.95	12.45
7	11650.00	43.9 AV	54.0	-10.1	2.11 V	174	31.45	12.45
8	#17475.00	57.4 PK	68.2	-10.8	2.16 V	360	38.65	18.75

REMARKS:

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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ANT1

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	58.7 PK	74.0	-15.3	1.60 H	54	57.90	0.80
2	5150.00	43.4 AV	54.0	-10.6	1.60 H	54	42.60	0.80
3	*5190.00	101.6 PK			1.62 H	109	100.69	0.91
4	*5190.00	89.2 AV			1.62 H	109	88.29	0.91
5	5350.00	44.7 PK	74.0	-29.3	1.75 H	55	43.40	1.30
6	5350.00	34.8 AV	54.0	-19.2	1.75 H	55	33.50	1.30
7	#10380.00	57.7 PK	74.0	-16.3	1.21 H	254	46.54	11.16
8	#10380.00	45.6 AV	54.0	-8.4	1.21 H	254	34.44	11.16
9	15570.00	55.9 PK	74.0	-18.1	1.10 H	93	43.10	12.80
10	15570.00	44.7 AV	54.0	-9.3	1.10 H	93	31.90	12.80
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.7 PK	74.0	-5.3	2.61 V	314	67.90	0.80
2	5150.00	53.3 AV	54.0	-0.7	2.61 V	314	52.50	0.80
3	*5190.00	108.1 PK			2.54 V	306	107.19	0.91
4	*5190.00	96.4 AV			2.54 V	306	95.49	0.91
5	5350.00	54.9 PK	74.0	-19.1	2.57 V	312	53.60	1.30
6	5350.00	45.2 AV	54.0	-8.8	2.57 V	312	43.90	1.30
7	#10380.00	57.7 PK	74.0	-16.3	2.00 V	151	46.54	11.16
8	#10380.00	43.6 AV	54.0	-10.4	2.00 V	151	32.44	11.16
9	15570.00	57.7 PK	74.0	-16.3	2.14 V	359	44.90	12.80
10	15570.00	46.0 AV	54.0	-8.0	2.14 V	359	33.20	12.80

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	58.5 PK	74.0	-15.5	1.70 H	35	57.70	0.80
2	5150.00	43.8 AV	54.0	-10.2	1.70 H	35	43.00	0.80
3	*5230.00	108.3 PK			1.60 H	125	107.26	1.04
4	*5230.00	97.5 AV			1.60 H	125	96.46	1.04
5	5390.00	51.0 PK	74.0	-23.0	1.64 H	63	49.69	1.31
6	5390.00	40.5 AV	54.0	-13.5	1.64 H	63	39.19	1.31
7	#10460.00	57.4 PK	74.0	-16.6	1.13 H	263	46.18	11.22
8	#10460.00	45.3 AV	54.0	-8.7	1.13 H	263	34.08	11.22
9	15690.00	56.8 PK	74.0	-17.2	1.13 H	83	44.42	12.38
10	15690.00	45.3 AV	54.0	-8.7	1.13 H	83	32.92	12.38
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.9 PK	74.0	-5.1	2.86 V	304	68.10	0.80
2	**5150.00**	**53.9 AV**	**54.0**	**-0.1**	**2.86 V**	**304**	**53.10**	**0.80**
3	*5230.00	114.8 PK			2.47 V	323	113.76	1.04
4	*5230.00	104.2 AV			2.47 V	323	103.16	1.04
5	5390.00	61.3 PK	74.0	-12.7	2.46 V	307	59.99	1.31
6	5390.00	50.7 AV	54.0	-3.3	2.46 V	307	49.39	1.31
7	#10460.00	58.8 PK	74.0	-15.2	2.04 V	175	47.58	11.22
8	#10460.00	44.3 AV	54.0	-9.7	2.04 V	175	33.08	11.22
9	15690.00	57.7 PK	74.0	-16.3	2.22 V	356	45.32	12.38
10	15690.00	46.0 AV	54.0	-8.0	2.22 V	356	33.62	12.38

REMARKS:

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.

ANT3

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	60.3 PK	74.0	-13.7	1.61 H	55	58.38	1.92
2	#5715.00	44.0 AV	54.0	-10.0	1.61 H	55	42.08	1.92
3	#5725.00	65.5 PK	78.2	-12.7	1.71 H	43	63.57	1.93
4	*5755.00	102.0 PK			1.65 H	102	100.00	2.00
5	*5755.00	90.5 AV			1.65 H	102	88.50	2.00
6	11510.00	57.7 PK	74.0	-16.3	1.12 H	274	44.87	12.83
7	11510.00	45.7 AV	54.0	-8.3	1.12 H	274	32.87	12.83
8	#17265.00	56.2 PK	74.0	-17.8	1.10 H	90	38.55	17.65
9	#17265.00	45.1 AV	54.0	-8.9	1.10 H	90	27.45	17.65
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	69.9 PK	74.0	-4.1	2.54 V	350	67.98	1.92
2	#5715.00	53.6 AV	54.0	-0.4	2.54 V	350	51.68	1.92
3	#5725.00	75.8 PK	78.2	-2.4	2.53 V	291	73.87	1.93
4	*5755.00	108.1 PK			2.63 V	316	106.10	2.00
5	*5755.00	97.0 AV			2.63 V	316	95.00	2.00
6	11510.00	58.2 PK	74.0	-15.8	2.05 V	165	45.37	12.83
7	11510.00	43.8 AV	54.0	-10.2	2.05 V	165	30.97	12.83
8	#17265.00	57.6 PK	74.0	-16.4	2.25 V	355	39.95	17.65
9	#17265.00	45.6 AV	54.0	-8.4	2.25 V	355	27.95	17.65

REMARKS:

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

CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5795.00	108.6 PK			1.59 H	115	106.51	2.09
2	*5795.00	96.5 AV			1.59 H	115	94.41	2.09
3	#5850.00	66.3 PK	78.2	-11.9	1.62 H	53	64.17	2.13
4	#5860.00	62.5 PK	74.0	-11.5	1.78 H	41	60.37	2.13
5	#5860.00	43.1 AV	54.0	-10.9	1.78 H	41	40.97	2.13
6	11590.00	57.5 PK	74.0	-16.5	1.22 H	276	44.95	12.55
7	11590.00	45.1 AV	54.0	-8.9	1.22 H	276	32.55	12.55
8	#17385.00	55.7 PK	74.0	-18.3	1.17 H	77	37.31	18.39
9	#17385.00	44.7 AV	54.0	-9.3	1.17 H	77	26.31	18.39
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	*5795.00	114.7 PK			2.39 V	306	112.61	2.09
2	*5795.00	103.0 AV			2.39 V	306	100.91	2.09
3	#5850.00	76.3 PK	78.2	-1.9	2.55 V	312	74.17	2.13
4	#5860.00	72.5 PK	74.0	-1.5	2.62 V	307	70.37	2.13
5	#5860.00	53.3 AV	54.0	-0.7	2.62 V	307	51.17	2.13
6	11590.00	58.3 PK	74.0	-15.7	2.07 V	146	45.75	12.55
7	11590.00	43.8 AV	54.0	-10.2	2.07 V	146	31.25	12.55
8	#17385.00	57.5 PK	74.0	-16.5	2.20 V	360	39.11	18.39
9	#17385.00	45.9 AV	54.0	-8.1	2.20 V	360	27.51	18.39

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.

802.11ac VHT80

ANT1

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	56.4 PK	74.0	-17.6	1.64 H	47	55.60	0.80
2	5150.00	42.4 AV	54.0	-11.6	1.64 H	47	41.60	0.80
3	*5210.00	95.7 PK			1.61 H	108	94.72	0.98
4	*5210.00	83.7 AV			1.61 H	108	82.72	0.98
5	#5788.00	45.2 PK	74.0	-28.8	1.72 H	57	43.13	2.07
6	#5788.00	37.3 AV	54.0	-16.7	1.72 H	57	35.23	2.07
7	#10420.00	58.0 PK	74.0	-16.0	1.14 H	270	46.71	11.29
8	#10420.00	46.0 AV	54.0	-8.0	1.14 H	270	34.71	11.29
9	15630.00	56.3 PK	74.0	-17.7	1.19 H	88	43.59	12.71
10	15630.00	45.1 AV	54.0	-8.9	1.19 H	88	32.39	12.71
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.9 PK	74.0	-7.1	2.44 V	287	66.10	0.80
2	5150.00	52.8 AV	54.0	-1.2	2.44 V	287	52.00	0.80
3	*5210.00	101.7 PK			2.30 V	264	100.72	0.98
4	*5210.00	90.2 AV			2.30 V	264	89.22	0.98
5	#5788.00	55.9 PK	74.0	-18.1	2.31 V	254	53.83	2.07
6	#5788.00	47.7 AV	54.0	-6.3	2.31 V	254	45.63	2.07
7	#10420.00	58.4 PK	74.0	-15.6	2.09 V	158	47.11	11.29
8	#10420.00	44.1 AV	54.0	-9.9	2.09 V	158	32.81	11.29
9	15630.00	57.2 PK	74.0	-16.8	2.16 V	356	44.49	12.71
10	15630.00	45.5 AV	54.0	-8.5	2.16 V	356	32.79	12.71

REMARKS:

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.

ANT3

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	58.5 PK	74.0	-15.5	1.64 H	39	56.58	1.92
2	#5715.00	43.0 AV	54.0	-11.0	1.64 H	39	41.08	1.92
3	#5725.00	63.1 PK	78.2	-15.1	1.63 H	50	61.17	1.93
4	*5775.00	98.6 PK			1.71 H	107	96.55	2.05
5	*5775.00	85.4 AV			1.71 H	107	83.35	2.05
6	#5850.00	54.7 PK	78.2	-23.5	1.75 H	55	52.57	2.13
7	#5860.00	51.4 PK	74.0	-22.6	1.76 H	39	49.27	2.13
8	#5860.00	37.3 AV	54.0	-16.7	1.76 H	39	35.17	2.13
9	11550.00	57.3 PK	74.0	-16.7	1.20 H	270	44.62	12.68
10	11550.00	45.4 AV	54.0	-8.6	1.20 H	270	32.72	12.68
11	#17325.00	56.0 PK	74.0	-18.0	1.11 H	85	38.06	17.94
12	#17325.00	44.8 AV	54.0	-9.2	1.11 H	85	26.86	17.94
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	68.8 PK	74.0	-5.2	2.62 V	179	66.88	1.92
2	#5715.00	53.2 AV	54.0	-0.8	2.62 V	179	51.28	1.92
3	#5725.00	72.6 PK	78.2	-5.6	2.58 V	171	70.67	1.93
4	*5775.00	104.1 PK			2.04 V	307	102.05	2.05
5	*5775.00	91.4 AV			2.04 V	307	89.35	2.05
6	#5850.00	64.2 PK	78.2	-14.0	2.44 V	176	62.07	2.13
7	#5860.00	61.1 PK	74.0	-12.9	2.43 V	189	58.97	2.13
8	#5860.00	47.1 AV	54.0	-6.9	2.43 V	189	44.97	2.13
9	11550.00	58.3 PK	74.0	-15.7	2.09 V	161	45.62	12.68
10	11550.00	44.0 AV	54.0	-10.0	2.09 V	161	31.32	12.68
11	#17325.00	57.4 PK	74.0	-16.6	2.25 V	347	39.46	17.94
12	#17325.00	45.4 AV	54.0	-8.6	2.25 V	347	27.46	17.94

REMARKS:

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

BELOW 1GHz WORST-CASE DATA

802.11a

ANT7, ANT8, ANT9 / ANT5, ANT6, ANT8

CHANNEL	TX Channel 157	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	39.46	33.8 QP	40.0	-6.2	1.00 H	252	49.63	-15.79
2	88.85	34.5 QP	43.5	-9.0	2.00 H	271	55.43	-20.96
3	148.07	32.6 QP	43.5	-10.9	1.00 H	77	47.79	-15.22
4	300.00	33.8 QP	46.0	-12.2	1.50 H	360	48.01	-14.20
5	600.00	39.4 QP	46.0	-6.7	1.00 H	251	46.13	-6.78
6	1000.00	33.2 QP	54.0	-20.8	1.00 H	235	34.19	-0.99
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	30.63	34.3 QP	40.0	-5.7	1.00 V	240	50.80	-16.53
2	74.52	35.7 QP	40.0	-4.4	1.50 V	284	54.47	-18.82
3	106.75	37.5 QP	43.5	-6.0	1.00 V	227	55.93	-18.41
4	146.57	31.5 QP	43.5	-12.0	1.00 V	77	46.82	-15.29
5	250.00	26.4 QP	46.0	-19.6	1.00 V	6	42.56	-16.14
6	300.46	32.1 QP	46.0	-14.0	1.50 V	360	46.24	-14.19

REMARKS:

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)

3TX

802.11a

ANT7, ANT8, ANT9

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	63.0 PK	74.0	-11.0	1.07 H	360	60.63	2.37
2	5150.00	45.3 AV	54.0	-8.7	1.07 H	360	42.93	2.37
3	*5180.00	113.1 PK			3.27 H	346	110.70	2.40
4	*5180.00	103.6 AV			3.27 H	346	101.20	2.40
5	#10360.00	50.5 PK	74.0	-23.5	2.04 H	139	38.33	12.17
6	#10360.00	38.2 AV	54.0	-15.8	2.04 H	139	26.03	12.17
7	15540.00	52.2 PK	74.0	-21.8	2.19 H	141	36.83	15.37
8	15540.00	39.4 AV	54.0	-14.6	2.19 H	141	24.03	15.37
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	70.4 PK	74.0	-3.6	2.00 V	305	68.03	2.37
2	5150.00	53.2 AV	54.0	-0.8	2.00 V	305	50.83	2.37
3	*5180.00	116.6 PK			1.00 V	318	114.20	2.40
4	*5180.00	107.4 AV			1.00 V	318	105.00	2.40
5	#10360.00	50.9 PK	74.0	-23.1	2.41 V	204	38.73	12.17
6	#10360.00	40.6 AV	54.0	-13.4	2.41 V	204	28.43	12.17
7	15540.00	55.8 PK	74.0	-18.2	2.50 V	322	40.43	15.37
8	15540.00	44.7 AV	54.0	-9.3	2.50 V	322	29.33	15.37

REMARKS:

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

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) 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	5120.00	60.3 PK	74.0	-13.7	1.03 H	360	57.95	2.35
2	5120.00	43.7 AV	54.0	-10.3	1.03 H	360	41.35	2.35
3	*5200.00	114.9 PK			3.30 H	337	112.47	2.43
4	*5200.00	105.1 AV			3.30 H	337	102.67	2.43
5	5360.00	62.7 PK	74.0	-11.3	1.05 H	360	60.04	2.66
6	5360.00	45.5 AV	54.0	-8.5	1.05 H	360	42.84	2.66
7	#10400.00	50.3 PK	74.0	-23.7	2.05 H	134	37.99	12.31
8	#10400.00	38.2 AV	54.0	-15.8	2.05 H	134	25.89	12.31
9	15600.00	51.9 PK	74.0	-22.1	2.12 H	140	36.62	15.28
10	15600.00	39.1 AV	54.0	-14.9	2.12 H	140	23.82	15.28
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5120.00	61.2 PK	74.0	-12.8	2.30 V	48	58.85	2.35
2	5120.00	51.1 AV	54.0	-2.9	2.30 V	48	48.75	2.35
3	*5200.00	118.5 PK			2.30 V	48	116.07	2.43
4	*5200.00	108.6 AV			2.30 V	48	106.17	2.43
5	5360.00	63.9 PK	74.0	-10.1	2.32 V	294	61.24	2.66
6	5360.00	53.7 AV	54.0	-0.3	2.32 V	294	51.04	2.66
7	#10400.00	51.1 PK	74.0	-22.9	2.40 V	209	38.79	12.31
8	#10400.00	40.8 AV	54.0	-13.2	2.40 V	209	28.49	12.31
9	15600.00	55.6 PK	74.0	-18.4	2.51 V	330	40.32	15.28
10	15600.00	44.4 AV	54.0	-9.6	2.51 V	330	29.12	15.28

REMARKS:

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	5080.00	60.3 PK	74.0	-13.7	1.01 H	360	58.00	2.30
2	5080.00	43.7 AV	54.0	-10.3	1.01 H	360	41.40	2.30
3	*5240.00	114.6 PK			3.30 H	351	112.10	2.50
4	*5240.00	105.0 AV			3.30 H	351	102.50	2.50
5	5400.00	63.2 PK	74.0	-10.8	1.13 H	360	60.50	2.70
6	5400.00	45.5 AV	54.0	-8.5	1.13 H	360	42.80	2.70
7	#10480.00	50.4 PK	74.0	-23.6	1.95 H	143	38.10	12.30
8	#10480.00	37.8 AV	54.0	-16.2	1.95 H	143	25.50	12.30
9	15720.00	52.3 PK	74.0	-21.7	2.18 H	132	37.24	15.06
10	15720.00	39.8 AV	54.0	-14.2	2.18 H	132	24.74	15.06
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5080.00	62.5 PK	74.0	-11.5	3.03 V	53	60.20	2.30
2	5080.00	52.8 AV	54.0	-1.2	3.03 V	53	50.50	2.30
3	*5240.00	118.7 PK			3.15 V	299	116.20	2.50
4	*5240.00	108.6 AV			3.15 V	299	106.10	2.50
5	5400.00	63.2 PK	74.0	-10.8	2.23 V	295	60.50	2.70
6	5400.00	53.2 AV	54.0	-0.8	2.23 V	295	50.50	2.70
7	#10480.00	50.2 PK	74.0	-23.8	2.42 V	203	37.90	12.30
8	#10480.00	40.2 AV	54.0	-13.8	2.42 V	203	27.90	12.30
9	15720.00	55.5 PK	74.0	-18.5	2.50 V	312	40.44	15.06
10	15720.00	44.6 AV	54.0	-9.4	2.50 V	312	29.54	15.06

REMARKS:

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

CHANNEL	TX Channel 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	52.3 PK	74.0	-21.7	1.13 H	360	48.96	3.34
2	#5715.00	39.0 AV	54.0	-15.0	1.13 H	360	35.66	3.34
3	#5725.00	72.6 PK	78.2	-5.6	1.14 H	338	69.24	3.36
4	*5745.00	112.0 PK			3.28 H	324	108.62	3.38
5	*5745.00	102.5 AV			3.28 H	324	99.12	3.38
6	11490.00	50.9 PK	74.0	-23.1	1.97 H	139	37.39	13.51
7	11490.00	38.7 AV	54.0	-15.3	1.97 H	139	25.19	13.51
8	#17235.00	51.7 PK	74.0	-22.3	2.14 H	139	30.98	20.72
9	#17235.00	39.4 AV	54.0	-14.6	2.14 H	139	18.68	20.72
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	64.1 PK	74.0	-9.9	2.19 V	300	60.76	3.34
2	#5715.00	48.5 AV	54.0	-5.5	2.19 V	300	45.16	3.34
3	#5725.00	77.7 PK	78.2	-0.5	2.46 V	300	74.34	3.36
4	*5745.00	115.3 PK			2.19 V	59	111.92	3.38
5	*5745.00	105.3 AV			2.19 V	59	101.92	3.38
6	11490.00	51.0 PK	74.0	-23.0	2.34 V	160	37.49	13.51
7	11490.00	37.9 AV	54.0	-16.1	2.34 V	160	24.39	13.51
8	#17235.00	53.9 PK	74.0	-20.1	2.42 V	301	33.18	20.72
9	#17235.00	41.8 AV	54.0	-12.2	2.42 V	301	21.08	20.72

REMARKS:

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

CHANNEL	TX Channel 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	#5625.00	52.1 PK	74.0	-21.9	1.06 H	360	48.92	3.18
2	#5625.00	44.7 AV	54.0	-9.3	1.06 H	360	41.52	3.18
3	*5785.00	116.6 PK			3.34 H	323	113.17	3.43
4	*5785.00	106.1 AV			3.34 H	323	102.67	3.43
5	#5945.00	50.6 PK	74.0	-23.4	1.12 H	347	46.94	3.66
6	#5945.00	37.8 AV	54.0	-16.2	1.12 H	347	34.14	3.66
7	11570.00	50.5 PK	74.0	-23.5	1.99 H	124	37.14	13.36
8	11570.00	38.0 AV	54.0	-16.0	1.99 H	124	24.64	13.36
9	#17355.00	51.8 PK	74.0	-22.2	2.20 H	126	30.62	21.18
10	#17355.00	39.2 AV	54.0	-14.8	2.20 H	126	18.02	21.18
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	#5625.00	63.5 PK	74.0	-10.5	2.25 V	301	60.32	3.18
2	#5625.00	52.7 AV	54.0	-1.3	2.25 V	301	49.52	3.18
3	*5785.00	119.9 PK			2.13 V	65	116.47	3.43
4	*5785.00	109.6 AV			2.13 V	65	106.17	3.43
5	#5945.00	61.1 PK	74.0	-12.9	2.09 V	61	57.44	3.66
6	#5945.00	50.6 AV	54.0	-3.4	2.09 V	61	46.94	3.66
7	11570.00	50.8 PK	74.0	-23.2	2.37 V	211	37.44	13.36
8	11570.00	40.5 AV	54.0	-13.5	2.37 V	211	27.14	13.36
9	#17355.00	56.2 PK	74.0	-17.8	2.45 V	319	35.02	21.18
10	#17355.00	45.0 AV	54.0	-9.0	2.45 V	319	23.82	21.18

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 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	113.9 PK			3.29 H	334	110.44	3.46
2	*5825.00	103.5 AV			3.29 H	334	100.04	3.46
3	#5850.00	72.4 PK	78.2	-5.8	1.11 H	340	68.91	3.49
4	#5860.00	51.8 PK	74.0	-22.2	1.13 H	350	48.30	3.50
5	#5860.00	38.6 AV	54.0	-15.4	1.13 H	350	35.10	3.50
6	11650.00	50.2 PK	74.0	-23.8	1.96 H	144	36.94	13.26
7	11650.00	38.0 AV	54.0	-16.0	1.96 H	144	24.74	13.26
8	#17475.00	52.6 PK	74.0	-21.4	2.19 H	119	30.58	22.02
9	#17475.00	39.9 AV	54.0	-14.1	2.19 H	119	17.88	22.02
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	117.7 PK			2.10 V	61	114.24	3.46
2	*5825.00	107.3 AV			2.10 V	61	103.84	3.46
3	#5850.00	77.4 PK	78.2	-0.8	2.05 V	59	73.91	3.49
4	#5860.00	67.9 PK	74.0	-6.1	2.04 V	60	64.40	3.50
5	#5860.00	49.4 AV	54.0	-4.6	2.04 V	60	45.90	3.50
6	11650.00	51.5 PK	74.0	-22.5	2.41 V	209	38.24	13.26
7	11650.00	38.8 AV	54.0	-15.2	2.41 V	209	25.54	13.26
8	#17475.00	55.5 PK	74.0	-18.5	2.47 V	339	33.48	22.02
9	#17475.00	43.2 AV	54.0	-10.8	2.47 V	339	21.18	22.02

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	62.2 PK	74.0	-11.8	1.12 H	340	59.83	2.37
2	5150.00	44.5 AV	54.0	-9.5	1.12 H	340	42.13	2.37
3	*5180.00	114.1 PK			3.25 H	325	111.70	2.40
4	*5180.00	103.6 AV			3.25 H	325	101.20	2.40
5	#10360.00	51.2 PK	74.0	-22.8	1.96 H	149	39.03	12.17
6	#10360.00	38.6 AV	54.0	-15.4	1.96 H	149	26.43	12.17
7	15540.00	51.8 PK	74.0	-22.2	2.19 H	118	36.43	15.37
8	15540.00	39.2 AV	54.0	-14.8	2.19 H	118	23.83	15.37
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	71.0 PK	74.0	-3.0	2.14 V	63	68.63	2.37
2	5150.00	53.3 AV	54.0	-0.7	2.14 V	63	50.93	2.37
3	*5180.00	115.6 PK			2.24 V	305	113.20	2.40
4	*5180.00	105.8 AV			2.24 V	305	103.40	2.40
5	#10360.00	50.4 PK	74.0	-23.6	2.46 V	197	38.23	12.17
6	#10360.00	40.3 AV	54.0	-13.7	2.46 V	197	28.13	12.17
7	15540.00	55.5 PK	74.0	-18.5	2.54 V	319	40.13	15.37
8	15540.00	44.4 AV	54.0	-9.6	2.54 V	319	29.03	15.37

REMARKS:

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

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) 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	5040.00	52.0 PK	74.0	-22.0	1.17 H	358	49.74	2.26
2	5040.00	38.6 AV	54.0	-15.4	1.17 H	358	36.34	2.26
3	*5200.00	114.7 PK			3.23 H	349	112.27	2.43
4	*5200.00	104.6 AV			3.23 H	349	102.17	2.43
5	5360.00	62.6 PK	74.0	-11.4	1.10 H	344	59.94	2.66
6	5360.00	45.0 AV	54.0	-9.0	1.10 H	344	42.34	2.66
7	#10400.00	50.3 PK	74.0	-23.7	1.98 H	122	37.99	12.31
8	#10400.00	37.9 AV	54.0	-16.1	1.98 H	122	25.59	12.31
9	15600.00	51.8 PK	74.0	-22.2	2.13 H	131	36.52	15.28
10	15600.00	39.2 AV	54.0	-14.8	2.13 H	131	23.92	15.28
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5040.00	60.2 PK	74.0	-13.8	3.02 V	53	57.94	2.26
2	5040.00	49.6 AV	54.0	-4.4	3.02 V	53	47.34	2.26
3	*5200.00	118.3 PK			2.87 V	306	115.87	2.43
4	*5200.00	108.1 AV			2.87 V	306	105.67	2.43
5	5360.00	63.5 PK	74.0	-10.5	2.87 V	58	60.84	2.66
6	5360.00	53.5 AV	54.0	-0.5	2.87 V	58	50.84	2.66
7	#10400.00	50.1 PK	74.0	-23.9	2.44 V	201	37.79	12.31
8	#10400.00	40.1 AV	54.0	-13.9	2.44 V	201	27.79	12.31
9	15600.00	56.2 PK	74.0	-17.8	2.44 V	312	40.92	15.28
10	15600.00	45.2 AV	54.0	-8.8	2.44 V	312	29.92	15.28

REMARKS:

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	5080.00	61.8 PK	74.0	-12.2	1.08 H	354	59.50	2.30
2	5080.00	44.5 AV	54.0	-9.5	1.08 H	354	42.20	2.30
3	*5240.00	114.9 PK			3.26 H	334	112.40	2.50
4	*5240.00	104.8 AV			3.26 H	334	102.30	2.50
5	5400.00	60.3 PK	74.0	-13.7	1.04 H	360	57.60	2.70
6	5400.00	43.5 AV	54.0	-10.5	1.04 H	360	40.80	2.70
7	#10480.00	50.6 PK	74.0	-23.4	1.97 H	137	38.30	12.30
8	#10480.00	38.5 AV	54.0	-15.5	1.97 H	137	26.20	12.30
9	15720.00	51.9 PK	74.0	-22.1	2.18 H	141	36.84	15.06
10	15720.00	39.3 AV	54.0	-14.7	2.18 H	141	24.24	15.06
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5080.00	63.1 PK	74.0	-10.9	2.31 V	57	60.80	2.30
2	5080.00	53.1 AV	54.0	-0.9	2.31 V	57	50.80	2.30
3	*5240.00	118.5 PK			2.30 V	308	116.00	2.50
4	*5240.00	108.1 AV			2.30 V	308	105.60	2.50
5	5400.00	63.4 PK	74.0	-10.6	2.31 V	296	60.70	2.70
6	5400.00	52.9 AV	54.0	-1.1	2.31 V	296	50.20	2.70
7	#10480.00	50.5 PK	74.0	-23.5	2.38 V	213	38.20	12.30
8	#10480.00	40.4 AV	54.0	-13.6	2.38 V	213	28.10	12.30
9	15720.00	55.8 PK	74.0	-18.2	2.54 V	318	40.74	15.06
10	15720.00	44.8 AV	54.0	-9.2	2.54 V	318	29.74	15.06

REMARKS:

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

CHANNEL	TX Channel 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	52.1 PK	74.0	-21.9	1.13 H	354	48.76	3.34
2	#5715.00	39.1 AV	54.0	-14.9	1.13 H	354	35.76	3.34
3	#5725.00	71.8 PK	78.2	-6.4	1.19 H	327	68.44	3.36
4	*5745.00	118.4 PK			3.32 H	348	115.02	3.38
5	*5745.00	98.1 AV			3.32 H	348	94.72	3.38
6	11490.00	50.4 PK	74.0	-23.6	1.98 H	148	36.89	13.51
7	11490.00	37.9 AV	54.0	-16.1	1.98 H	148	24.39	13.51
8	#17235.00	51.7 PK	74.0	-22.3	2.20 H	119	30.98	20.72
9	#17235.00	39.2 AV	54.0	-14.8	2.20 H	119	18.48	20.72
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	64.8 PK	74.0	-9.2	2.79 V	310	61.46	3.34
2	#5715.00	48.8 AV	54.0	-5.2	2.79 V	310	45.46	3.34
3	#5725.00	77.4 PK	78.2	-0.8	2.78 V	298	74.04	3.36
4	*5745.00	112.1 PK			2.79 V	61	108.72	3.38
5	*5745.00	101.9 AV			2.79 V	61	98.52	3.38
6	11490.00	51.0 PK	74.0	-23.0	2.29 V	158	37.49	13.51
7	11490.00	38.0 AV	54.0	-16.0	2.29 V	158	24.49	13.51
8	#17235.00	53.7 PK	74.0	-20.3	2.41 V	295	32.98	20.72
9	#17235.00	41.6 AV	54.0	-12.4	2.41 V	295	20.88	20.72

REMARKS:

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

CHANNEL	TX Channel 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	#5625.00	60.0 PK	74.0	-14.0	1.01 H	360	56.82	3.18
2	#5625.00	43.4 AV	54.0	-10.6	1.01 H	360	40.22	3.18
3	*5785.00	114.9 PK			3.24 H	348	111.47	3.43
4	*5785.00	104.8 AV			3.24 H	348	101.37	3.43
5	#5860.00	52.3 PK	74.0	-21.7	1.16 H	360	48.80	3.50
6	#5860.00	39.2 AV	54.0	-14.8	1.16 H	360	35.70	3.50
7	11570.00	51.1 PK	74.0	-22.9	2.03 H	134	37.74	13.36
8	11570.00	38.5 AV	54.0	-15.5	2.03 H	134	25.14	13.36
9	#17355.00	52.1 PK	74.0	-21.9	2.08 H	122	30.92	21.18
10	#17355.00	39.5 AV	54.0	-14.5	2.08 H	122	18.32	21.18
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	#5625.00	61.1 PK	74.0	-12.9	2.85 V	33	57.92	3.18
2	#5625.00	51.1 AV	54.0	-2.9	2.85 V	33	47.92	3.18
3	*5785.00	118.8 PK			2.44 V	297	115.37	3.43
4	*5785.00	108.6 AV			2.44 V	297	105.17	3.43
5	#5860.00	61.4 PK	74.0	-12.6	2.44 V	298	57.90	3.50
6	#5860.00	48.7 AV	54.0	-5.3	2.44 V	298	45.20	3.50
7	11570.00	50.6 PK	74.0	-23.4	2.36 V	205	37.24	13.36
8	11570.00	40.2 AV	54.0	-13.8	2.36 V	205	26.84	13.36
9	#17355.00	56.3 PK	74.0	-17.7	2.55 V	350	35.12	21.18
10	#17355.00	44.9 AV	54.0	-9.1	2.55 V	350	23.72	21.18

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 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	#5590.00	60.6 PK	74.0	-13.4	1.03 H	360	57.50	3.10
2	#5590.00	43.8 AV	54.0	-10.2	1.03 H	360	40.70	3.10
3	#5665.00	51.4 PK	74.0	-22.6	1.16 H	344	48.15	3.25
4	#5665.00	38.4 AV	54.0	-15.6	1.16 H	344	35.15	3.25
5	*5825.00	113.6 PK			3.27 H	333	110.14	3.46
6	*5825.00	103.2 AV			3.27 H	333	99.74	3.46
7	#5850.00	71.9 PK	78.2	-6.3	1.17 H	349	68.41	3.49
8	11650.00	50.2 PK	74.0	-23.8	1.97 H	144	36.94	13.26
9	11650.00	37.9 AV	54.0	-16.1	1.97 H	144	24.64	13.26
10	#17475.00	51.8 PK	74.0	-22.2	2.13 H	115	29.78	22.02
11	#17475.00	39.2 AV	54.0	-14.8	2.13 H	115	17.18	22.02
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	#5590.00	62.5 PK	74.0	-11.5	2.19 V	122	59.40	3.10
2	#5590.00	52.4 AV	54.0	-1.6	2.19 V	122	49.30	3.10
3	#5665.00	60.4 PK	74.0	-13.6	1.02 V	116	57.15	3.25
4	#5665.00	49.6 AV	54.0	-4.4	1.02 V	116	46.35	3.25
5	*5825.00	117.2 PK			1.00 V	119	113.74	3.46
6	*5825.00	106.9 AV			1.00 V	119	103.44	3.46
7	#5850.00	78.0 PK	78.2	-0.2	2.14 V	116	74.51	3.49
8	11650.00	52.4 PK	74.0	-21.6	2.47 V	184	39.14	13.26
9	11650.00	39.4 AV	54.0	-14.6	2.47 V	184	26.14	13.26
10	#17475.00	55.4 PK	74.0	-18.6	2.51 V	321	33.38	22.02
11	#17475.00	42.6 AV	54.0	-11.4	2.51 V	321	20.58	22.02

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	62.7 PK	74.0	-11.3	1.13 H	346	60.33	2.37
2	5150.00	45.2 AV	54.0	-8.8	1.13 H	346	42.83	2.37
3	*5190.00	108.9 PK			3.25 H	337	106.47	2.43
4	*5190.00	98.7 AV			3.25 H	337	96.27	2.43
5	5350.00	52.1 PK	74.0	-21.9	1.15 H	344	49.45	2.65
6	5350.00	38.7 AV	54.0	-15.3	1.15 H	344	36.05	2.65
7	#10380.00	50.5 PK	74.0	-23.5	2.06 H	138	38.27	12.23
8	#10380.00	38.5 AV	54.0	-15.5	2.06 H	138	26.27	12.23
9	15570.00	52.3 PK	74.0	-21.7	2.18 H	136	36.97	15.33
10	15570.00	39.9 AV	54.0	-14.1	2.18 H	136	24.57	15.33
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	72.7 PK	74.0	-1.3	1.02 V	133	70.33	2.37
2	5150.00	53.2 AV	54.0	-0.8	1.02 V	133	50.83	2.37
3	*5190.00	112.2 PK			1.14 V	129	109.77	2.43
4	*5190.00	102.0 AV			1.14 V	129	99.57	2.43
5	5350.00	59.1 PK	74.0	-14.9	1.04 V	120	56.45	2.65
6	5350.00	49.9 AV	54.0	-4.1	1.04 V	120	47.25	2.65
7	#10380.00	51.1 PK	74.0	-22.9	2.36 V	154	38.87	12.23
8	#10380.00	38.1 AV	54.0	-15.9	2.36 V	154	25.87	12.23
9	15570.00	52.6 PK	74.0	-21.4	2.40 V	295	37.27	15.33
10	15570.00	40.2 AV	54.0	-13.8	2.40 V	295	24.87	15.33

REMARKS:

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	5150.00	62.6 PK	74.0	-11.4	1.11 H	330	60.23	2.37
2	5150.00	45.0 AV	54.0	-9.0	1.11 H	330	42.63	2.37
3	*5230.00	111.0 PK			3.33 H	343	108.52	2.48
4	*5230.00	101.1 AV			3.33 H	343	98.62	2.48
5	5390.00	61.0 PK	74.0	-13.0	1.03 H	360	58.30	2.70
6	5390.00	44.2 AV	54.0	-9.8	1.03 H	360	41.50	2.70
7	#5811.00	51.9 PK	74.0	-22.1	1.16 H	360	48.44	3.46
8	#5811.00	38.4 AV	54.0	-15.6	1.16 H	360	34.94	3.46
9	#10460.00	50.2 PK	74.0	-23.8	2.03 H	124	37.89	12.31
10	#10460.00	37.8 AV	54.0	-16.2	2.03 H	124	25.49	12.31
11	15690.00	51.9 PK	74.0	-22.1	2.19 H	134	36.77	15.13
12	15690.00	39.6 AV	54.0	-14.4	2.19 H	134	24.47	15.13
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	5150.00	66.8 PK	74.0	-7.2	1.02 V	136	64.43	2.37
2	5150.00	53.3 AV	54.0	-0.7	1.02 V	136	50.93	2.37
3	*5230.00	115.5 PK			1.00 V	124	113.02	2.48
4	*5230.00	104.6 AV			1.00 V	124	102.12	2.48
5	5390.00	62.5 PK	74.0	-11.5	1.03 V	128	59.80	2.70
6	5390.00	52.8 AV	54.0	-1.2	1.03 V	128	50.10	2.70
7	#5811.00	55.8 PK	74.0	-18.2	1.00 V	124	52.34	3.46
8	#5811.00	50.6 AV	54.0	-3.4	1.00 V	124	47.14	3.46
9	#10460.00	50.8 PK	74.0	-23.2	2.31 V	161	38.49	12.31
10	#10460.00	37.9 AV	54.0	-16.1	2.31 V	161	25.59	12.31
11	15690.00	52.2 PK	74.0	-21.8	2.45 V	298	37.07	15.13
12	15690.00	40.0 AV	54.0	-14.0	2.45 V	298	24.87	15.13

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 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	62.2 PK	74.0	-11.8	1.11 H	336	58.86	3.34
2	#5715.00	44.4 AV	54.0	-9.6	1.11 H	336	41.06	3.34
3	#5725.00	72.7 PK	78.2	-5.5	1.19 H	357	69.34	3.36
4	*5755.00	107.8 PK			3.28 H	328	104.41	3.39
5	*5755.00	96.5 AV			3.28 H	328	93.11	3.39
6	11510.00	50.1 PK	74.0	-23.9	1.96 H	134	36.62	13.48
7	11510.00	38.1 AV	54.0	-15.9	1.96 H	134	24.62	13.48
8	#17265.00	52.4 PK	74.0	-21.6	2.09 H	142	31.65	20.75
9	#17265.00	40.0 AV	54.0	-14.0	2.09 H	142	19.25	20.75
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	72.3 PK	74.0	-1.7	1.08 V	241	68.96	3.34
2	#5715.00	53.2 AV	54.0	-0.8	1.08 V	241	49.86	3.34
3	#5725.00	76.9 PK	78.2	-1.3	1.08 V	241	73.54	3.36
4	*5755.00	111.2 PK			1.01 V	118	107.81	3.39
5	*5755.00	100.1 AV			1.01 V	118	96.71	3.39
6	11510.00	50.1 PK	74.0	-23.9	2.34 V	180	36.62	13.48
7	11510.00	37.6 AV	54.0	-16.4	2.34 V	180	24.12	13.48
8	#17265.00	52.2 PK	74.0	-21.8	2.46 V	268	31.45	20.75
9	#17265.00	39.7 AV	54.0	-14.3	2.46 V	268	18.95	20.75

REMARKS:

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

CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5635.00	62.6 PK	74.0	-11.4	1.11 H	329	59.41	3.19
2	#5635.00	45.2 AV	54.0	-8.8	1.11 H	329	42.01	3.19
3	*5795.00	108.8 PK			3.33 H	350	105.36	3.44
4	*5795.00	98.6 AV			3.33 H	350	95.16	3.44
5	#5850.00	59.4 PK	78.2	-18.8	1.00 H	344	55.91	3.49
6	#5940.00	60.5 PK	74.0	-13.5	1.02 H	360	56.86	3.64
7	#5940.00	43.8 AV	54.0	-10.2	1.02 H	360	40.16	3.64
8	11590.00	51.0 PK	74.0	-23.0	1.96 H	142	37.69	13.31
9	11590.00	38.8 AV	54.0	-15.2	1.96 H	142	25.49	13.31
10	#17385.00	51.7 PK	74.0	-22.3	2.08 H	138	30.30	21.40
11	#17385.00	39.2 AV	54.0	-14.8	2.08 H	138	17.80	21.40
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5635.00	67.8 PK	74.0	-6.2	1.05 V	112	64.61	3.19
2	#5635.00	53.5 AV	54.0	-0.5	1.05 V	112	50.31	3.19
3	*5795.00	113.3 PK			1.00 V	244	109.86	3.44
4	*5795.00	102.2 AV			1.00 V	244	98.76	3.44
5	#5850.00	68.3 PK	78.2	-9.9	1.08 V	245	64.81	3.49
6	#5940.00	61.0 PK	74.0	-13.0	1.00 V	242	57.36	3.64
7	#5940.00	51.2 AV	54.0	-2.8	1.00 V	242	47.56	3.64
8	11590.00	49.9 PK	74.0	-24.1	2.37 V	184	36.59	13.31
9	11590.00	37.7 AV	54.0	-16.3	2.37 V	184	24.39	13.31
10	#17385.00	52.2 PK	74.0	-21.8	2.48 V	289	30.80	21.40
11	#17385.00	39.8 AV	54.0	-14.2	2.48 V	289	18.40	21.40

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – 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	61.0 PK	74.0	-13.0	1.09 H	355	58.63	2.37
2	5150.00	44.1 AV	54.0	-9.9	1.09 H	355	41.73	2.37
3	*5210.00	104.8 PK			3.24 H	331	102.35	2.45
4	*5210.00	93.3 AV			3.24 H	331	90.85	2.45
5	#5788.00	62.4 PK	74.0	-11.6	1.13 H	339	58.97	3.43
6	#5788.00	45.2 AV	54.0	-8.8	1.13 H	339	41.77	3.43
7	#10420.00	50.6 PK	74.0	-23.4	2.03 H	150	38.30	12.30
8	#10420.00	38.4 AV	54.0	-15.6	2.03 H	150	26.10	12.30
9	15630.00	51.3 PK	74.0	-22.7	2.13 H	136	36.07	15.23
10	15630.00	39.1 AV	54.0	-14.9	2.13 H	136	23.87	15.23
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	5150.00	71.5 PK	74.0	-2.5	1.00 V	244	69.13	2.37
2	5150.00	53.2 AV	54.0	-0.8	1.00 V	244	50.83	2.37
3	*5210.00	108.1 PK			1.00 V	235	105.65	2.45
4	*5210.00	96.6 AV			1.00 V	235	94.15	2.45
5	#5788.00	59.1 PK	74.0	-14.9	1.16 V	241	55.67	3.43
6	#5788.00	53.8 AV	54.0	-0.2	1.16 V	241	50.37	3.43
7	#10420.00	50.1 PK	74.0	-23.9	2.31 V	189	37.80	12.30
8	#10420.00	37.7 AV	54.0	-16.3	2.31 V	189	25.40	12.30
9	15630.00	51.5 PK	74.0	-22.5	2.47 V	269	36.27	15.23
10	15630.00	39.2 AV	54.0	-14.8	2.47 V	269	23.97	15.23

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 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	60.4 PK	74.0	-13.6	1.00 H	360	57.06	3.34
2	#5715.00	43.8 AV	54.0	-10.2	1.00 H	360	40.46	3.34
3	#5725.00	72.0 PK	78.2	-6.2	1.11 H	329	68.64	3.36
4	*5775.00	106.7 PK			3.28 H	335	103.29	3.41
5	*5775.00	93.6 AV			3.28 H	335	90.19	3.41
6	#5850.00	59.4 PK	78.2	-18.8	1.00 H	354	55.91	3.49
7	#5860.00	62.4 PK	74.0	-11.6	1.18 H	359	58.90	3.50
8	#5860.00	45.1 AV	54.0	-8.9	1.18 H	359	41.60	3.50
9	11550.00	51.0 PK	74.0	-23.0	2.01 H	131	37.61	13.39
10	11550.00	38.6 AV	54.0	-15.4	2.01 H	131	25.21	13.39
11	#17325.00	52.4 PK	74.0	-21.6	2.15 H	141	31.42	20.98
12	#17325.00	39.9 AV	54.0	-14.1	2.15 H	141	18.92	20.98
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	73.5 PK	74.0	-0.5	1.05 V	243	70.16	3.34
2	#5715.00	51.8 AV	54.0	-2.2	1.05 V	243	48.46	3.34
3	#5725.00	77.8 PK	78.2	-0.4	1.05 V	241	74.44	3.36
4	*5775.00	110.0 PK			1.05 V	244	106.59	3.41
5	*5775.00	97.1 AV			1.05 V	244	93.69	3.41
6	#5850.00	69.6 PK	78.2	-8.6	1.05 V	242	66.11	3.49
7	#5860.00	69.5 PK	74.0	-4.5	1.04 V	243	66.00	3.50
8	#5860.00	53.7 AV	54.0	-0.3	1.04 V	243	50.20	3.50
9	11550.00	50.4 PK	74.0	-23.6	2.29 V	168	37.01	13.39
10	11550.00	38.0 AV	54.0	-16.0	2.29 V	168	24.61	13.39
11	#17325.00	52.1 PK	74.0	-21.9	2.45 V	275	31.12	20.98
12	#17325.00	39.5 AV	54.0	-14.5	2.45 V	275	18.52	20.98

REMARKS:

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

3TX

802.11a

ANT5, ANT6, ANT8

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	62.5 PK	74.0	-11.5	1.08 H	359	60.13	2.37
2	5150.00	45.1 AV	54.0	-8.9	1.08 H	359	42.73	2.37
3	*5180.00	113.2 PK			1.87 H	293	110.80	2.40
4	*5180.00	103.7 AV			1.87 H	293	101.30	2.40
5	#10360.00	50.6 PK	74.0	-23.4	2.00 H	138	38.43	12.17
6	#10360.00	38.3 AV	54.0	-15.7	2.00 H	138	26.13	12.17
7	15540.00	52.0 PK	74.0	-22.0	2.14 H	128	36.63	15.37
8	15540.00	39.5 AV	54.0	-14.5	2.14 H	128	24.13	15.37
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	71.5 PK	74.0	-2.5	2.61 V	84	69.13	2.37
2	5150.00	53.3 AV	54.0	-0.7	2.61 V	84	50.93	2.37
3	*5180.00	116.2 PK			2.75 V	51	113.80	2.40
4	*5180.00	106.6 AV			2.75 V	51	104.20	2.40
5	#10360.00	51.1 PK	74.0	-22.9	2.40 V	189	38.93	12.17
6	#10360.00	40.7 AV	54.0	-13.3	2.40 V	189	28.53	12.17
7	15540.00	55.9 PK	74.0	-18.1	2.48 V	311	40.53	15.37
8	15540.00	45.0 AV	54.0	-9.0	2.48 V	311	29.63	15.37

REMARKS:

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

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) 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	5125.00	52.0 PK	74.0	-22.0	1.09 H	354	49.66	2.34
2	5125.00	38.6 AV	54.0	-15.4	1.09 H	354	36.26	2.34
3	*5200.00	114.5 PK			1.82 H	294	112.07	2.43
4	*5200.00	104.6 AV			1.82 H	294	102.17	2.43
5	#10400.00	50.3 PK	74.0	-23.7	2.03 H	123	37.99	12.31
6	#10400.00	38.0 AV	54.0	-16.0	2.03 H	123	25.69	12.31
7	15600.00	52.2 PK	74.0	-21.8	2.13 H	125	36.92	15.28
8	15600.00	39.3 AV	54.0	-14.7	2.13 H	125	24.02	15.28
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5125.00	61.3 PK	74.0	-12.7	2.35 V	52	58.96	2.34
2	5125.00	47.9 AV	54.0	-6.1	2.35 V	52	45.56	2.34
3	*5200.00	117.6 PK			2.52 V	51	115.17	2.43
4	*5200.00	107.6 AV			2.52 V	51	105.17	2.43
5	#10400.00	51.1 PK	74.0	-22.9	2.41 V	164	38.79	12.31
6	#10400.00	40.6 AV	54.0	-13.4	2.41 V	164	28.29	12.31
7	15600.00	56.7 PK	74.0	-17.3	2.49 V	321	41.42	15.28
8	15600.00	46.0 AV	54.0	-8.0	2.49 V	321	30.72	15.28

REMARKS:

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	5080.00	51.1 PK	74.0	-22.9	1.15 H	345	48.80	2.30
2	5080.00	38.0 AV	54.0	-16.0	1.15 H	345	35.70	2.30
3	*5240.00	114.9 PK			1.90 H	286	112.40	2.50
4	*5240.00	104.9 AV			1.90 H	286	102.40	2.50
5	5400.00	58.2 PK	74.0	-15.8	1.03 H	360	55.50	2.70
6	5400.00	42.2 AV	54.0	-11.8	1.03 H	360	39.50	2.70
7	#10480.00	50.6 PK	74.0	-23.4	2.05 H	140	38.30	12.30
8	#10480.00	38.4 AV	54.0	-15.6	2.05 H	140	26.10	12.30
9	15720.00	52.5 PK	74.0	-21.5	2.09 H	139	37.44	15.06
10	15720.00	40.1 AV	54.0	-13.9	2.09 H	139	25.04	15.06
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5080.00	60.1 PK	74.0	-13.9	2.85 V	47	57.80	2.30
2	5080.00	49.6 AV	54.0	-4.4	2.85 V	47	47.30	2.30
3	*5240.00	117.2 PK			2.56 V	51	114.70	2.50
4	*5240.00	107.3 AV			2.56 V	51	104.80	2.50
5	5400.00	62.5 PK	74.0	-11.5	2.57 V	247	59.80	2.70
6	5400.00	51.4 AV	54.0	-2.6	2.57 V	247	48.70	2.70
7	#10480.00	52.1 PK	74.0	-21.9	2.42 V	175	39.80	12.30
8	#10480.00	41.3 AV	54.0	-12.7	2.42 V	175	29.00	12.30
9	15720.00	56.4 PK	74.0	-17.6	2.43 V	305	41.34	15.06
10	15720.00	45.6 AV	54.0	-8.4	2.43 V	305	30.54	15.06

REMARKS:

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

CHANNEL	TX Channel 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	59.3 PK	74.0	-14.7	1.15 H	360	55.96	3.34
2	#5715.00	40.3 AV	54.0	-13.7	1.15 H	360	36.96	3.34
3	#5725.00	72.2 PK	78.2	-6.0	1.14 H	342	68.84	3.36
4	*5745.00	110.8 PK			1.89 H	281	107.42	3.38
5	*5745.00	99.7 AV			1.89 H	281	96.32	3.38
6	11490.00	51.3 PK	74.0	-22.7	2.02 H	145	37.79	13.51
7	11490.00	38.5 AV	54.0	-15.5	2.02 H	145	24.99	13.51
8	#17235.00	51.8 PK	74.0	-22.2	2.06 H	119	31.08	20.72
9	#17235.00	39.4 AV	54.0	-14.6	2.06 H	119	18.68	20.72
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	68.1 PK	74.0	-5.9	2.32 V	115	64.76	3.34
2	#5715.00	48.8 AV	54.0	-5.2	2.32 V	115	45.46	3.34
3	#5725.00	77.8 PK	78.2	-0.4	2.47 V	111	74.44	3.36
4	*5745.00	113.3 PK			2.78 V	112	109.92	3.38
5	*5745.00	102.7 AV			2.78 V	112	99.32	3.38
6	11490.00	50.1 PK	74.0	-23.9	2.33 V	170	36.59	13.51
7	11490.00	39.8 AV	54.0	-14.2	2.33 V	170	26.29	13.51
8	#17235.00	54.7 PK	74.0	-19.3	2.51 V	298	33.98	20.72
9	#17235.00	44.5 AV	54.0	-9.5	2.51 V	298	23.78	20.72

REMARKS:

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

CHANNEL	TX Channel 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	#5625.00	58.6 PK	74.0	-15.4	1.06 H	354	55.42	3.18
2	#5625.00	42.8 AV	54.0	-11.2	1.06 H	354	39.62	3.18
3	#5725.00	59.8 PK	78.2	-18.4	1.05 H	344	56.44	3.36
4	*5785.00	114.5 PK			1.87 H	279	111.07	3.43
5	*5785.00	104.8 AV			1.87 H	279	101.37	3.43
6	#5938.00	58.5 PK	74.0	-15.5	1.09 H	344	54.86	3.64
7	#5938.00	42.2 AV	54.0	-11.8	1.09 H	344	38.56	3.64
8	11570.00	50.8 PK	74.0	-23.2	2.02 H	139	37.44	13.36
9	11570.00	38.6 AV	54.0	-15.4	2.02 H	139	25.24	13.36
10	#17355.00	52.9 PK	74.0	-21.1	2.10 H	145	31.72	21.18
11	#17355.00	40.1 AV	54.0	-13.9	2.10 H	145	18.92	21.18
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	#5625.00	61.4 PK	74.0	-12.6	2.53 V	113	58.22	3.18
2	#5625.00	51.8 AV	54.0	-2.2	2.53 V	113	48.62	3.18
3	#5725.00	62.0 PK	78.2	-16.2	2.53 V	113	58.64	3.36
4	*5785.00	118.1 PK			2.53 V	113	114.67	3.43
5	*5785.00	107.7 AV			2.53 V	113	104.27	3.43
6	#5938.00	60.1 PK	74.0	-13.9	2.53 V	113	56.46	3.64
7	#5938.00	48.9 AV	54.0	-5.1	2.53 V	113	45.26	3.64
8	11570.00	51.6 PK	74.0	-22.4	2.45 V	179	38.24	13.36
9	11570.00	41.0 AV	54.0	-13.0	2.45 V	179	27.64	13.36
10	#17355.00	56.5 PK	74.0	-17.5	2.45 V	307	35.32	21.18
11	#17355.00	45.5 AV	54.0	-8.5	2.45 V	307	24.32	21.18

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 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	113.6 PK			1.87 H	281	110.14	3.46
2	*5825.00	103.2 AV			1.87 H	281	99.74	3.46
3	#5850.00	72.1 PK	78.2	-6.1	1.10 H	357	68.61	3.49
4	#5860.00	58.4 PK	74.0	-15.6	1.11 H	352	54.90	3.50
5	#5860.00	42.3 AV	54.0	-11.7	1.11 H	352	38.80	3.50
6	11650.00	51.4 PK	74.0	-22.6	2.02 H	123	38.14	13.26
7	11650.00	38.7 AV	54.0	-15.3	2.02 H	123	25.44	13.26
8	#17475.00	52.7 PK	74.0	-21.3	2.05 H	143	30.68	22.02
9	#17475.00	39.8 AV	54.0	-14.2	2.05 H	143	17.78	22.02
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	115.8 PK			2.59 V	116	112.34	3.46
2	*5825.00	105.9 AV			2.59 V	116	102.44	3.46
3	#5850.00	77.5 PK	78.2	-0.7	2.59 V	116	74.01	3.49
4	#5860.00	67.3 PK	74.0	-6.7	2.59 V	116	63.80	3.50
5	#5860.00	49.9 AV	54.0	-4.1	2.59 V	116	46.40	3.50
6	11650.00	51.7 PK	74.0	-22.3	2.48 V	163	38.44	13.26
7	11650.00	41.2 AV	54.0	-12.8	2.48 V	163	27.94	13.26
8	#17475.00	56.1 PK	74.0	-17.9	2.40 V	296	34.08	22.02
9	#17475.00	45.2 AV	54.0	-8.8	2.40 V	296	23.18	22.02

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	62.3 PK	74.0	-11.7	1.02 H	360	59.93	2.37
2	5150.00	45.0 AV	54.0	-9.0	1.02 H	360	42.63	2.37
3	*5180.00	112.1 PK			1.82 H	293	109.70	2.40
4	*5180.00	102.0 AV			1.82 H	293	99.60	2.40
5	#10360.00	50.2 PK	74.0	-23.8	2.01 H	137	38.03	12.17
6	#10360.00	38.0 AV	54.0	-16.0	2.01 H	137	25.83	12.17
7	15540.00	52.0 PK	74.0	-22.0	2.14 H	144	36.63	15.37
8	15540.00	39.3 AV	54.0	-14.7	2.14 H	144	23.93	15.37
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	72.2 PK	74.0	-1.8	2.75 V	102	69.83	2.37
2	5150.00	53.8 AV	54.0	-0.2	2.75 V	102	51.43	2.37
3	*5180.00	114.9 PK			2.75 V	102	112.50	2.40
4	*5180.00	104.9 AV			2.75 V	102	102.50	2.40
5	#10360.00	52.0 PK	74.0	-22.0	2.45 V	174	39.83	12.17
6	#10360.00	41.1 AV	54.0	-12.9	2.45 V	174	28.93	12.17
7	15540.00	56.6 PK	74.0	-17.4	2.46 V	314	41.23	15.37
8	15540.00	45.4 AV	54.0	-8.6	2.46 V	314	30.03	15.37

REMARKS:

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

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) 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	51.8 PK	74.0	-22.2	1.08 H	342	49.43	2.37
2	5150.00	38.6 AV	54.0	-15.4	1.08 H	342	36.23	2.37
3	*5200.00	113.1 PK			1.92 H	279	110.67	2.43
4	*5200.00	103.6 AV			1.92 H	279	101.17	2.43
5	5350.00	59.2 PK	74.0	-14.8	1.10 H	360	56.55	2.65
6	5350.00	42.8 AV	54.0	-11.2	1.10 H	360	40.15	2.65
7	#10400.00	50.0 PK	74.0	-24.0	2.02 H	144	37.69	12.31
8	#10400.00	37.7 AV	54.0	-16.3	2.02 H	144	25.39	12.31
9	15600.00	52.5 PK	74.0	-21.5	2.13 H	156	37.22	15.28
10	15600.00	39.7 AV	54.0	-14.3	2.13 H	156	24.42	15.28
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	2.60 V	101	59.43	2.37
2	5150.00	47.3 AV	54.0	-6.7	2.60 V	101	44.93	2.37
3	*5200.00	115.5 PK			2.60 V	101	113.07	2.43
4	*5200.00	105.9 AV			2.60 V	101	103.47	2.43
5	5350.00	61.0 PK	74.0	-13.0	2.60 V	101	58.35	2.65
6	5350.00	51.3 AV	54.0	-2.7	2.60 V	101	48.65	2.65
7	#10400.00	51.6 PK	74.0	-22.4	2.41 V	194	39.29	12.31
8	#10400.00	41.2 AV	54.0	-12.8	2.41 V	194	28.89	12.31
9	15600.00	56.0 PK	74.0	-18.0	2.42 V	309	40.72	15.28
10	15600.00	45.2 AV	54.0	-8.8	2.42 V	309	29.92	15.28

REMARKS:

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	5080.00	51.7 PK	74.0	-22.3	1.15 H	342	49.40	2.30
2	5080.00	38.4 AV	54.0	-15.6	1.15 H	342	36.10	2.30
3	*5240.00	112.8 PK			1.84 H	281	110.30	2.50
4	*5240.00	103.4 AV			1.84 H	281	100.90	2.50
5	5400.00	59.4 PK	74.0	-14.6	1.07 H	353	56.70	2.70
6	5400.00	43.6 AV	54.0	-10.4	1.07 H	353	40.90	2.70
7	#10480.00	50.5 PK	74.0	-23.5	2.03 H	132	38.20	12.30
8	#10480.00	38.1 AV	54.0	-15.9	2.03 H	132	25.80	12.30
9	15720.00	52.0 PK	74.0	-22.0	2.09 H	158	36.94	15.06
10	15720.00	39.5 AV	54.0	-14.5	2.09 H	158	24.44	15.06
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5080.00	56.6 PK	74.0	-17.4	2.90 V	100	54.30	2.30
2	5080.00	47.4 AV	54.0	-6.6	2.90 V	100	45.10	2.30
3	*5240.00	115.6 PK			2.90 V	100	113.10	2.50
4	*5240.00	105.8 AV			2.90 V	100	103.30	2.50
5	5400.00	59.2 PK	74.0	-14.8	2.90 V	100	56.50	2.70
6	5400.00	49.6 AV	54.0	-4.4	2.90 V	100	46.90	2.70
7	#10480.00	51.3 PK	74.0	-22.7	2.47 V	183	39.00	12.30
8	#10480.00	40.5 AV	54.0	-13.5	2.47 V	183	28.20	12.30
9	15720.00	56.8 PK	74.0	-17.2	2.44 V	319	41.74	15.06
10	15720.00	45.6 AV	54.0	-8.4	2.44 V	319	30.54	15.06

REMARKS:

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

CHANNEL	TX Channel 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	51.7 PK	74.0	-22.3	1.17 H	348	48.36	3.34
2	#5715.00	38.6 AV	54.0	-15.4	1.17 H	348	35.26	3.34
3	#5725.00	72.4 PK	78.2	-5.8	1.09 H	344	69.04	3.36
4	*5745.00	108.3 PK			1.84 H	307	104.92	3.38
5	*5745.00	99.8 AV			1.84 H	307	96.42	3.38
6	11490.00	50.1 PK	74.0	-23.9	1.96 H	131	36.59	13.51
7	11490.00	37.8 AV	54.0	-16.2	1.96 H	131	24.29	13.51
8	#17235.00	52.1 PK	74.0	-21.9	2.14 H	135	31.38	20.72
9	#17235.00	39.2 AV	54.0	-14.8	2.14 H	135	18.48	20.72
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	61.4 PK	74.0	-12.6	2.46 V	289	58.06	3.34
2	#5715.00	48.0 AV	54.0	-6.0	2.46 V	289	44.66	3.34
3	#5725.00	77.9 PK	78.2	-0.3	2.47 V	323	74.54	3.36
4	*5745.00	110.9 PK			2.62 V	345	107.52	3.38
5	*5745.00	102.4 AV			2.62 V	345	99.02	3.38
6	11490.00	50.3 PK	74.0	-23.7	2.30 V	164	36.79	13.51
7	11490.00	37.5 AV	54.0	-16.5	2.30 V	164	23.99	13.51
8	#17235.00	54.1 PK	74.0	-19.9	2.45 V	285	33.38	20.72
9	#17235.00	43.4 AV	54.0	-10.6	2.45 V	285	22.68	20.72

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5625.00	59.6 PK	74.0	-14.4	1.10 H	360	56.42	3.18
2	#5625.00	43.2 AV	54.0	-10.8	1.10 H	360	40.02	3.18
3	*5785.00	114.8 PK			1.81 H	297	111.37	3.43
4	*5785.00	105.1 AV			1.81 H	297	101.67	3.43
5	#5860.00	47.9 PK	74.0	-26.1	1.24 H	359	44.40	3.50
6	#5860.00	33.5 AV	54.0	-20.5	1.24 H	359	30.00	3.50
7	11570.00	49.8 PK	74.0	-24.2	2.06 H	139	36.44	13.36
8	11570.00	37.7 AV	54.0	-16.3	2.06 H	139	24.34	13.36
9	#17355.00	51.9 PK	74.0	-22.1	2.08 H	143	30.72	21.18
10	#17355.00	39.0 AV	54.0	-15.0	2.08 H	143	17.82	21.18
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	#5625.00	60.7 PK	74.0	-13.3	2.74 V	343	57.52	3.18
2	#5625.00	50.5 AV	54.0	-3.5	2.74 V	343	47.32	3.18
3	*5785.00	117.6 PK			2.26 V	283	114.17	3.43
4	*5785.00	107.6 AV			2.26 V	283	104.17	3.43
5	#5860.00	57.9 PK	74.0	-16.1	2.74 V	343	54.40	3.50
6	#5860.00	46.5 AV	54.0	-7.5	2.74 V	343	43.00	3.50
7	11570.00	52.1 PK	74.0	-21.9	2.43 V	184	38.74	13.36
8	11570.00	41.4 AV	54.0	-12.6	2.43 V	184	28.04	13.36
9	#17355.00	56.7 PK	74.0	-17.3	2.50 V	315	35.52	21.18
10	#17355.00	45.8 AV	54.0	-8.2	2.50 V	315	24.62	21.18

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 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	#5590.00	62.7 PK	74.0	-11.3	1.06 H	360	59.60	3.10
2	#5590.00	45.4 AV	54.0	-8.6	1.06 H	360	42.30	3.10
3	*5825.00	113.7 PK			1.82 H	302	110.24	3.46
4	*5825.00	102.7 AV			1.82 H	302	99.24	3.46
5	#5850.00	72.4 PK	78.2	-5.8	1.10 H	328	68.91	3.49
6	11650.00	50.1 PK	74.0	-23.9	2.00 H	142	36.84	13.26
7	11650.00	37.9 AV	54.0	-16.1	2.00 H	142	24.64	13.26
8	#17475.00	52.3 PK	74.0	-21.7	2.13 H	136	30.28	22.02
9	#17475.00	39.4 AV	54.0	-14.6	2.13 H	136	17.38	22.02
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	#5590.00	62.3 PK	74.0	-11.7	2.52 V	340	59.20	3.10
2	#5590.00	52.1 AV	54.0	-1.9	2.52 V	340	49.00	3.10
3	*5825.00	116.2 PK			2.46 V	285	112.74	3.46
4	*5825.00	105.8 AV			2.46 V	285	102.34	3.46
5	#5850.00	77.8 PK	78.2	-0.4	2.43 V	275	74.31	3.49
6	11650.00	52.1 PK	74.0	-21.9	2.42 V	185	38.84	13.26
7	11650.00	41.2 AV	54.0	-12.8	2.42 V	185	27.94	13.26
8	#17475.00	55.4 PK	74.0	-18.6	2.46 V	294	33.38	22.02
9	#17475.00	44.8 AV	54.0	-9.2	2.46 V	294	22.78	22.02

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 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	62.9 PK	74.0	-11.1	1.02 H	360	60.53	2.37
2	5150.00	45.6 AV	54.0	-8.4	1.02 H	360	43.23	2.37
3	*5190.00	105.2 PK			1.85 H	292	102.77	2.43
4	*5190.00	95.3 AV			1.85 H	292	92.87	2.43
5	#10380.00	50.3 PK	74.0	-23.7	1.97 H	136	38.07	12.23
6	#10380.00	38.1 AV	54.0	-15.9	1.97 H	136	25.87	12.23
7	15570.00	52.1 PK	74.0	-21.9	2.12 H	146	36.77	15.33
8	15570.00	39.3 AV	54.0	-14.7	2.12 H	146	23.97	15.33
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	73.3 PK	74.0	-0.7	2.42 V	220	70.93	2.37
2	5150.00	53.3 AV	54.0	-0.7	2.42 V	220	50.93	2.37
3	*5190.00	108.2 PK			2.62 V	222	105.77	2.43
4	*5190.00	98.1 AV			2.62 V	222	95.67	2.43
5	#10380.00	50.2 PK	74.0	-23.8	2.31 V	164	37.97	12.23
6	#10380.00	37.5 AV	54.0	-16.5	2.31 V	164	25.27	12.23
7	15570.00	51.8 PK	74.0	-22.2	2.45 V	293	36.47	15.33
8	15570.00	39.5 AV	54.0	-14.5	2.45 V	293	24.17	15.33

REMARKS:

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	5150.00	59.0 PK	74.0	-15.0	1.00 H	341	56.63	2.37
2	5150.00	43.1 AV	54.0	-10.9	1.00 H	341	40.73	2.37
3	*5230.00	111.6 PK			1.77 H	314	109.12	2.48
4	*5230.00	101.1 AV			1.77 H	314	98.62	2.48
5	5390.00	59.7 PK	74.0	-14.3	1.00 H	342	57.00	2.70
6	5390.00	43.5 AV	54.0	-10.5	1.00 H	342	40.80	2.70
7	#10460.00	49.8 PK	74.0	-24.2	1.99 H	125	37.49	12.31
8	#10460.00	37.5 AV	54.0	-16.5	1.99 H	125	25.19	12.31
9	15690.00	51.3 PK	74.0	-22.7	2.18 H	156	36.17	15.13
10	15690.00	38.8 AV	54.0	-15.2	2.18 H	156	23.67	15.13
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	5150.00	65.7 PK	74.0	-8.3	2.82 V	227	63.33	2.37
2	5150.00	51.7 AV	54.0	-2.3	2.82 V	227	49.33	2.37
3	*5230.00	112.3 PK			2.82 V	227	109.82	2.48
4	*5230.00	103.1 AV			2.82 V	227	100.62	2.48
5	5390.00	61.0 PK	74.0	-13.0	2.82 V	227	58.30	2.70
6	5390.00	51.5 AV	54.0	-2.5	2.82 V	227	48.80	2.70
7	#10460.00	50.4 PK	74.0	-23.6	2.31 V	166	38.09	12.31
8	#10460.00	37.6 AV	54.0	-16.4	2.31 V	166	25.29	12.31
9	15690.00	52.1 PK	74.0	-21.9	2.52 V	296	36.97	15.13
10	15690.00	39.7 AV	54.0	-14.3	2.52 V	296	24.57	15.13

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 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	59.7 PK	74.0	-14.3	1.00 H	339	56.36	3.34
2	#5715.00	43.2 AV	54.0	-10.8	1.00 H	339	39.86	3.34
3	#5725.00	72.6 PK	78.2	-5.6	1.10 H	327	69.24	3.36
4	*5755.00	106.1 PK			1.77 H	297	102.71	3.39
5	*5755.00	95.5 AV			1.77 H	297	92.11	3.39
6	11510.00	49.9 PK	74.0	-24.1	1.97 H	144	36.42	13.48
7	11510.00	37.8 AV	54.0	-16.2	1.97 H	144	24.32	13.48
8	#17265.00	52.0 PK	74.0	-22.0	2.09 H	144	31.25	20.75
9	#17265.00	39.4 AV	54.0	-14.6	2.09 H	144	18.65	20.75
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	69.8 PK	74.0	-4.2	2.35 V	283	66.46	3.34
2	#5715.00	50.2 AV	54.0	-3.8	2.35 V	283	46.86	3.34
3	#5725.00	77.3 PK	78.2	-0.9	2.35 V	283	73.94	3.36
4	*5755.00	109.4 PK			2.46 V	285	106.01	3.39
5	*5755.00	98.9 AV			2.46 V	285	95.51	3.39
6	11510.00	51.9 PK	74.0	-22.1	2.43 V	132	38.42	13.48
7	11510.00	38.9 AV	54.0	-15.1	2.43 V	132	25.42	13.48
8	#17265.00	53.2 PK	74.0	-20.8	2.53 V	295	32.45	20.75
9	#17265.00	40.5 AV	54.0	-13.5	2.53 V	295	19.75	20.75

REMARKS:

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	#5640.00	62.7 PK	74.0	-11.3	1.10 H	360	59.49	3.21
2	#5640.00	45.4 AV	54.0	-8.6	1.10 H	360	42.19	3.21
3	*5795.00	108.5 PK			1.81 H	287	105.06	3.44
4	*5795.00	97.8 AV			1.81 H	287	94.36	3.44
5	#5850.00	62.3 PK	78.2	-15.9	1.06 H	360	58.81	3.49
6	#5940.00	51.5 PK	74.0	-22.5	1.10 H	360	47.86	3.64
7	#5940.00	38.3 AV	54.0	-15.7	1.10 H	360	34.66	3.64
8	11590.00	50.2 PK	74.0	-23.8	2.06 H	124	36.89	13.31
9	11590.00	37.9 AV	54.0	-16.1	2.06 H	124	24.59	13.31
10	#17385.00	52.4 PK	74.0	-21.6	2.10 H	146	31.00	21.40
11	#17385.00	39.5 AV	54.0	-14.5	2.10 H	146	18.10	21.40
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5640.00	67.8 PK	74.0	-6.2	2.43 V	285	64.59	3.21
2	#5640.00	53.1 AV	54.0	-0.9	2.43 V	285	49.89	3.21
3	*5795.00	112.5 PK			2.43 V	285	109.06	3.44
4	*5795.00	100.8 AV			2.43 V	285	97.36	3.44
5	#5850.00	71.3 PK	78.2	-6.9	2.43 V	286	67.81	3.49
6	#5940.00	66.0 PK	74.0	-8.0	2.43 V	285	62.36	3.64
7	#5940.00	47.9 AV	54.0	-6.1	2.43 V	285	44.26	3.64
8	11590.00	50.9 PK	74.0	-23.1	2.45 V	126	37.59	13.31
9	11590.00	38.2 AV	54.0	-15.8	2.45 V	126	24.89	13.31
10	#17385.00	53.3 PK	74.0	-20.7	2.52 V	308	31.90	21.40
11	#17385.00	40.8 AV	54.0	-13.2	2.52 V	308	19.40	21.40

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	61.6 PK	74.0	-12.4	1.10 H	349	59.23	2.37
2	5150.00	44.8 AV	54.0	-9.2	1.10 H	349	42.43	2.37
3	*5210.00	102.3 PK			1.80 H	301	99.85	2.45
4	*5210.00	91.4 AV			1.80 H	301	88.95	2.45
5	5350.00	51.7 PK	74.0	-22.3	1.10 H	353	49.05	2.65
6	5350.00	38.7 AV	54.0	-15.3	1.10 H	353	36.05	2.65
7	#10420.00	50.5 PK	74.0	-23.5	2.01 H	132	38.20	12.30
8	#10420.00	38.0 AV	54.0	-16.0	2.01 H	132	25.70	12.30
9	15630.00	52.6 PK	74.0	-21.4	2.18 H	151	37.37	15.23
10	15630.00	39.7 AV	54.0	-14.3	2.18 H	151	24.47	15.23
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	5150.00	70.2 PK	74.0	-3.8	2.64 V	275	67.83	2.37
2	5150.00	53.7 AV	54.0	-0.3	2.64 V	275	51.33	2.37
3	*5210.00	106.1 PK			2.74 V	273	103.65	2.45
4	*5210.00	94.5 AV			2.74 V	273	92.05	2.45
5	5350.00	58.8 PK	74.0	-15.2	2.64 V	275	56.15	2.65
6	5350.00	46.7 AV	54.0	-7.3	2.64 V	275	44.05	2.65
7	#10420.00	51.6 PK	74.0	-22.4	2.40 V	143	39.30	12.30
8	#10420.00	38.7 AV	54.0	-15.3	2.40 V	143	26.40	12.30
9	15630.00	52.6 PK	74.0	-21.4	2.47 V	289	37.37	15.23
10	15630.00	39.9 AV	54.0	-14.1	2.47 V	289	24.67	15.23

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 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	62.3 PK	74.0	-11.7	1.07 H	357	58.96	3.34
2	#5715.00	45.2 AV	54.0	-8.8	1.07 H	357	41.86	3.34
3	#5725.00	67.0 PK	78.2	-11.2	1.08 H	333	63.64	3.36
4	*5775.00	104.5 PK			1.77 H	304	101.09	3.41
5	*5775.00	92.5 AV			1.77 H	304	89.09	3.41
6	#5850.00	58.8 PK	78.2	-19.4	1.22 H	340	55.31	3.49
7	#5860.00	52.0 PK	74.0	-22.0	1.10 H	360	48.50	3.50
8	#5860.00	38.7 AV	54.0	-15.3	1.10 H	360	35.20	3.50
9	11550.00	50.2 PK	74.0	-23.8	2.03 H	151	36.81	13.39
10	11550.00	38.3 AV	54.0	-15.7	2.03 H	151	24.91	13.39
11	#17325.00	52.3 PK	74.0	-21.7	2.08 H	137	31.32	20.98
12	#17325.00	39.5 AV	54.0	-14.5	2.08 H	137	18.52	20.98
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	71.4 PK	74.0	-2.6	2.47 V	284	68.06	3.34
2	#5715.00	53.2 AV	54.0	-0.8	2.47 V	284	49.86	3.34
3	#5725.00	76.9 PK	78.2	-1.3	2.47 V	284	73.54	3.36
4	*5775.00	107.5 PK			2.47 V	284	104.09	3.41
5	*5775.00	95.5 AV			2.47 V	284	92.09	3.41
6	#5850.00	69.3 PK	78.2	-8.9	2.47 V	284	65.81	3.49
7	#5860.00	65.5 PK	74.0	-8.5	2.47 V	284	62.00	3.50
8	#5860.00	49.8 AV	54.0	-4.2	2.47 V	284	46.30	3.50
9	11550.00	51.1 PK	74.0	-22.9	2.45 V	126	37.71	13.39
10	11550.00	38.7 AV	54.0	-15.3	2.45 V	126	25.31	13.39
11	#17325.00	52.4 PK	74.0	-21.6	2.53 V	317	31.42	20.98
12	#17325.00	40.0 AV	54.0	-14.0	2.53 V	317	19.02	20.98

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
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	60.9 PK	74.0	-13.1	1.21 H	360	58.53	2.37
2	5150.00	43.5 AV	54.0	-10.5	1.21 H	360	41.13	2.37
3	*5180.00	106.7 PK			1.22 H	357	104.30	2.40
4	*5180.00	96.3 AV			1.22 H	357	93.90	2.40
5	#10360.00	49.8 PK	74.0	-24.2	1.98 H	125	37.63	12.17
6	#10360.00	37.2 AV	54.0	-16.8	1.98 H	125	25.03	12.17
7	15540.00	52.1 PK	74.0	-21.9	2.13 H	146	36.73	15.37
8	15540.00	39.5 AV	54.0	-14.5	2.13 H	146	24.13	15.37
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	70.4 PK	74.0	-3.6	1.98 V	315	68.03	2.37
2	5150.00	53.2 AV	54.0	-0.8	1.98 V	315	50.83	2.37
3	*5180.00	116.6 PK			1.00 V	320	114.20	2.40
4	*5180.00	106.5 AV			1.00 V	320	104.10	2.40
5	#10360.00	50.9 PK	74.0	-23.1	2.46 V	149	38.73	12.17
6	#10360.00	38.3 AV	54.0	-15.7	2.46 V	149	26.13	12.17
7	15540.00	53.0 PK	74.0	-21.0	2.43 V	294	37.63	15.37
8	15540.00	40.7 AV	54.0	-13.3	2.43 V	294	25.33	15.37

REMARKS:

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

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) 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	5120.00	51.5 PK	74.0	-22.5	1.11 H	340	49.15	2.35
2	5120.00	41.4 AV	54.0	-12.6	1.11 H	340	39.05	2.35
3	*5200.00	107.4 PK			1.12 H	347	104.97	2.43
4	*5200.00	97.1 AV			1.12 H	347	94.67	2.43
5	5360.00	53.6 PK	74.0	-20.4	1.17 H	342	50.94	2.66
6	5360.00	43.2 AV	54.0	-10.8	1.17 H	342	40.54	2.66
7	#10400.00	50.2 PK	74.0	-23.8	1.97 H	109	37.89	12.31
8	#10400.00	37.4 AV	54.0	-16.6	1.97 H	109	25.09	12.31
9	15600.00	52.6 PK	74.0	-21.4	2.08 H	154	37.32	15.28
10	15600.00	40.0 AV	54.0	-14.0	2.08 H	154	24.72	15.28
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5120.00	61.7 PK	74.0	-12.3	2.30 V	50	59.35	2.35
2	5120.00	51.6 AV	54.0	-2.4	2.30 V	50	49.25	2.35
3	*5200.00	117.2 PK			2.27 V	40	114.77	2.43
4	*5200.00	107.1 AV			2.27 V	40	104.67	2.43
5	5360.00	63.7 PK	74.0	-10.3	2.28 V	286	61.04	2.66
6	5360.00	53.6 AV	54.0	-0.4	2.28 V	286	50.94	2.66
7	#10400.00	51.0 PK	74.0	-23.0	2.44 V	136	38.69	12.31
8	#10400.00	38.4 AV	54.0	-15.6	2.44 V	136	26.09	12.31
9	15600.00	52.9 PK	74.0	-21.1	2.44 V	283	37.62	15.28
10	15600.00	40.5 AV	54.0	-13.5	2.44 V	283	25.22	15.28

REMARKS:

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	5080.00	49.0 PK	74.0	-25.0	1.15 H	360	46.70	2.30
2	5080.00	38.9 AV	54.0	-15.1	1.15 H	360	36.60	2.30
3	*5240.00	107.9 PK			1.13 H	359	105.40	2.50
4	*5240.00	98.0 AV			1.13 H	359	95.50	2.50
5	5400.00	51.6 PK	74.0	-22.4	1.15 H	356	48.90	2.70
6	5400.00	41.6 AV	54.0	-12.4	1.15 H	356	38.90	2.70
7	#10480.00	49.8 PK	74.0	-24.2	1.96 H	129	37.50	12.30
8	#10480.00	37.4 AV	54.0	-16.6	1.96 H	129	25.10	12.30
9	15720.00	52.3 PK	74.0	-21.7	2.08 H	131	37.24	15.06
10	15720.00	39.9 AV	54.0	-14.1	2.08 H	131	24.84	15.06
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5080.00	59.1 PK	74.0	-14.9	1.00 V	312	56.80	2.30
2	5080.00	49.3 AV	54.0	-4.7	1.00 V	312	47.00	2.30
3	*5240.00	117.7 PK			3.15 V	299	115.20	2.50
4	*5240.00	107.6 AV			3.15 V	299	105.10	2.50
5	5400.00	61.9 PK	74.0	-12.1	1.00 V	313	59.20	2.70
6	5400.00	51.7 AV	54.0	-2.3	1.00 V	313	49.00	2.70
7	#10480.00	50.5 PK	74.0	-23.5	2.45 V	157	38.20	12.30
8	#10480.00	37.9 AV	54.0	-16.1	2.45 V	157	25.60	12.30
9	15720.00	52.9 PK	74.0	-21.1	2.43 V	304	37.84	15.06
10	15720.00	40.7 AV	54.0	-13.3	2.43 V	304	25.64	15.06

REMARKS:

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

CHANNEL	TX Channel 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	1.13 H	358	50.66	3.34
2	#5715.00	38.0 AV	54.0	-16.0	1.13 H	358	34.66	3.34
3	#5725.00	68.1 PK	78.2	-10.1	1.13 H	355	64.74	3.36
4	*5745.00	104.0 PK			1.14 H	350	100.62	3.38
5	*5745.00	93.5 AV			1.14 H	350	90.12	3.38
6	11490.00	49.8 PK	74.0	-24.2	2.02 H	112	36.29	13.51
7	11490.00	37.0 AV	54.0	-17.0	2.02 H	112	23.49	13.51
8	#17235.00	52.3 PK	74.0	-21.7	2.15 H	145	31.58	20.72
9	#17235.00	39.6 AV	54.0	-14.4	2.15 H	145	18.88	20.72
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	64.1 PK	74.0	-9.9	1.05 V	92	60.76	3.34
2	#5715.00	48.4 AV	54.0	-5.6	1.05 V	92	45.06	3.34
3	#5725.00	78.0 PK	78.2	-0.2	1.11 V	67	74.64	3.36
4	*5745.00	113.5 PK			1.13 V	48	110.12	3.38
5	*5745.00	103.3 AV			1.13 V	48	99.92	3.38
6	11490.00	50.6 PK	74.0	-23.4	2.42 V	165	37.09	13.51
7	11490.00	38.0 AV	54.0	-16.0	2.42 V	165	24.49	13.51
8	#17235.00	53.5 PK	74.0	-20.5	2.40 V	300	32.78	20.72
9	#17235.00	41.1 AV	54.0	-12.9	2.40 V	300	20.38	20.72

REMARKS:

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

CHANNEL	TX Channel 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	#5625.00	50.4 PK	74.0	-23.6	1.12 H	346	47.22	3.18
2	#5625.00	40.5 AV	54.0	-13.5	1.12 H	346	37.32	3.18
3	*5785.00	107.1 PK			1.22 H	355	103.67	3.43
4	*5785.00	97.3 AV			1.22 H	355	93.87	3.43
5	#5945.00	50.3 PK	74.0	-23.7	1.14 H	357	46.64	3.66
6	#5945.00	39.8 AV	54.0	-14.2	1.14 H	357	36.14	3.66
7	11570.00	50.1 PK	74.0	-23.9	1.93 H	126	36.74	13.36
8	11570.00	37.4 AV	54.0	-16.6	1.93 H	126	24.04	13.36
9	#17355.00	51.8 PK	74.0	-22.2	2.17 H	135	30.62	21.18
10	#17355.00	39.1 AV	54.0	-14.9	2.17 H	135	17.92	21.18
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	#5625.00	60.3 PK	74.0	-13.7	2.25 V	301	57.12	3.18
2	#5625.00	50.5 AV	54.0	-3.5	2.25 V	301	47.32	3.18
3	*5785.00	117.4 PK			1.07 V	68	113.97	3.43
4	*5785.00	107.4 AV			1.07 V	68	103.97	3.43
5	#5945.00	60.3 PK	74.0	-13.7	1.07 V	66	56.64	3.66
6	#5945.00	49.7 AV	54.0	-4.3	1.07 V	66	46.04	3.66
7	11570.00	50.9 PK	74.0	-23.1	2.44 V	157	37.54	13.36
8	11570.00	38.5 AV	54.0	-15.5	2.44 V	157	25.14	13.36
9	#17355.00	52.8 PK	74.0	-21.2	2.43 V	290	31.62	21.18
10	#17355.00	40.7 AV	54.0	-13.3	2.43 V	290	19.52	21.18

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 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	107.6 PK			1.14 H	358	104.14	3.46
2	*5825.00	96.9 AV			1.14 H	358	93.44	3.46
3	#5850.00	67.7 PK	78.2	-10.5	1.15 H	358	64.21	3.49
4	#5860.00	58.5 PK	74.0	-15.5	1.20 H	360	55.00	3.50
5	#5860.00	40.0 AV	54.0	-14.0	1.20 H	360	36.50	3.50
6	11650.00	49.6 PK	74.0	-24.4	1.99 H	136	36.34	13.26
7	11650.00	37.2 AV	54.0	-16.8	1.99 H	136	23.94	13.26
8	#17475.00	51.8 PK	74.0	-22.2	2.16 H	132	29.78	22.02
9	#17475.00	39.1 AV	54.0	-14.9	2.16 H	132	17.08	22.02
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	117.8 PK			2.12 V	72	114.34	3.46
2	*5825.00	107.2 AV			2.12 V	72	103.74	3.46
3	#5850.00	77.3 PK	78.2	-0.9	2.07 V	69	73.81	3.49
4	#5860.00	68.1 PK	74.0	-5.9	2.01 V	72	64.60	3.50
5	#5860.00	49.6 AV	54.0	-4.4	2.01 V	72	46.10	3.50
6	11650.00	51.2 PK	74.0	-22.8	2.46 V	153	37.94	13.26
7	11650.00	38.8 AV	54.0	-15.2	2.46 V	153	25.54	13.26
8	#17475.00	53.6 PK	74.0	-20.4	2.44 V	296	31.58	22.02
9	#17475.00	41.2 AV	54.0	-12.8	2.44 V	296	19.18	22.02

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	61.2 PK	74.0	-12.8	1.18 H	360	58.83	2.37
2	5150.00	43.1 AV	54.0	-10.9	1.18 H	360	40.73	2.37
3	*5180.00	104.7 PK			1.17 H	357	102.30	2.40
4	*5180.00	94.4 AV			1.17 H	357	92.00	2.40
5	#10360.00	49.2 PK	74.0	-24.8	2.03 H	135	37.03	12.17
6	#10360.00	36.9 AV	54.0	-17.1	2.03 H	135	24.73	12.17
7	15540.00	52.3 PK	74.0	-21.7	2.08 H	148	36.93	15.37
8	15540.00	39.7 AV	54.0	-14.3	2.08 H	148	24.33	15.37
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	71.0 PK	74.0	-3.0	1.04 V	326	68.63	2.37
2	5150.00	53.2 AV	54.0	-0.8	1.04 V	326	50.83	2.37
3	*5180.00	114.8 PK			1.08 V	307	112.40	2.40
4	*5180.00	104.5 AV			1.08 V	307	102.10	2.40
5	#10360.00	50.5 PK	74.0	-23.5	2.46 V	148	38.33	12.17
6	#10360.00	37.8 AV	54.0	-16.2	2.46 V	148	25.63	12.17
7	15540.00	52.9 PK	74.0	-21.1	2.48 V	281	37.53	15.37
8	15540.00	40.4 AV	54.0	-13.6	2.48 V	281	25.03	15.37

REMARKS:

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

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) 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	5040.00	47.2 PK	74.0	-26.8	1.13 H	345	44.94	2.26
2	5040.00	37.4 AV	54.0	-16.6	1.13 H	345	35.14	2.26
3	*5200.00	105.9 PK			1.14 H	341	103.47	2.43
4	*5200.00	96.4 AV			1.14 H	341	93.97	2.43
5	5360.00	53.1 PK	74.0	-20.9	1.20 H	348	50.44	2.66
6	5360.00	42.9 AV	54.0	-11.1	1.20 H	348	40.24	2.66
7	#10400.00	49.9 PK	74.0	-24.1	1.98 H	138	37.59	12.31
8	#10400.00	37.3 AV	54.0	-16.7	1.98 H	138	24.99	12.31
9	15600.00	51.8 PK	74.0	-22.2	2.14 H	153	36.52	15.28
10	15600.00	39.1 AV	54.0	-14.9	2.14 H	153	23.82	15.28
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5040.00	57.6 PK	74.0	-16.4	1.07 V	312	55.34	2.26
2	5040.00	47.7 AV	54.0	-6.3	1.07 V	312	45.44	2.26
3	*5200.00	116.1 PK			1.07 V	313	113.67	2.43
4	*5200.00	106.5 AV			1.07 V	313	104.07	2.43
5	5360.00	63.2 PK	74.0	-10.8	1.05 V	302	60.54	2.66
6	5360.00	53.2 AV	54.0	-0.8	1.05 V	302	50.54	2.66
7	#10400.00	50.8 PK	74.0	-23.2	2.51 V	138	38.49	12.31
8	#10400.00	38.5 AV	54.0	-15.5	2.51 V	138	26.19	12.31
9	15600.00	53.1 PK	74.0	-20.9	2.44 V	309	37.82	15.28
10	15600.00	40.9 AV	54.0	-13.1	2.44 V	309	25.62	15.28

REMARKS:

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	5080.00	50.9 PK	74.0	-23.1	1.23 H	344	48.60	2.30
2	5080.00	40.7 AV	54.0	-13.3	1.23 H	344	38.40	2.30
3	*5240.00	106.8 PK			1.19 H	344	104.30	2.50
4	*5240.00	97.3 AV			1.19 H	344	94.80	2.50
5	5400.00	50.6 PK	74.0	-23.4	1.19 H	347	47.90	2.70
6	5400.00	40.6 AV	54.0	-13.4	1.19 H	347	37.90	2.70
7	#10480.00	50.0 PK	74.0	-24.0	1.97 H	137	37.70	12.30
8	#10480.00	37.5 AV	54.0	-16.5	1.97 H	137	25.20	12.30
9	15720.00	52.2 PK	74.0	-21.8	2.17 H	157	37.14	15.06
10	15720.00	39.9 AV	54.0	-14.1	2.17 H	157	24.84	15.06
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5080.00	61.2 PK	74.0	-12.8	1.05 V	319	58.90	2.30
2	5080.00	51.1 AV	54.0	-2.9	1.05 V	319	48.80	2.30
3	*5240.00	116.5 PK			1.04 V	299	114.00	2.50
4	*5240.00	106.9 AV			1.04 V	299	104.40	2.50
5	5400.00	61.2 PK	74.0	-12.8	1.03 V	329	58.50	2.70
6	5400.00	51.0 AV	54.0	-3.0	1.03 V	329	48.30	2.70
7	#10480.00	51.2 PK	74.0	-22.8	2.52 V	150	38.90	12.30
8	#10480.00	38.4 AV	54.0	-15.6	2.52 V	150	26.10	12.30
9	15720.00	53.0 PK	74.0	-21.0	2.48 V	299	37.94	15.06
10	15720.00	40.7 AV	54.0	-13.3	2.48 V	299	25.64	15.06

REMARKS:

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

CHANNEL	TX Channel 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	54.7 PK	74.0	-19.3	1.16 H	360	51.36	3.34
2	#5715.00	39.0 AV	54.0	-15.0	1.16 H	360	35.66	3.34
3	#5725.00	68.1 PK	78.2	-10.1	1.16 H	359	64.74	3.36
4	*5745.00	102.1 PK			1.23 H	355	98.72	3.38
5	*5745.00	91.3 AV			1.23 H	355	87.92	3.38
6	11490.00	49.8 PK	74.0	-24.2	2.00 H	125	36.29	13.51
7	11490.00	37.1 AV	54.0	-16.9	2.00 H	125	23.59	13.51
8	#17235.00	51.6 PK	74.0	-22.4	2.14 H	137	30.88	20.72
9	#17235.00	39.2 AV	54.0	-14.8	2.14 H	137	18.48	20.72
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	64.9 PK	74.0	-9.1	1.03 V	312	61.56	3.34
2	#5715.00	49.0 AV	54.0	-5.0	1.03 V	312	45.66	3.34
3	#5725.00	78.0 PK	78.2	-0.2	1.01 V	310	74.64	3.36
4	*5745.00	112.1 PK			1.04 V	308	108.72	3.38
5	*5745.00	101.6 AV			1.04 V	308	98.22	3.38
6	11490.00	50.9 PK	74.0	-23.1	2.40 V	161	37.39	13.51
7	11490.00	38.5 AV	54.0	-15.5	2.40 V	161	24.99	13.51
8	#17235.00	52.6 PK	74.0	-21.4	2.38 V	291	31.88	20.72
9	#17235.00	40.2 AV	54.0	-13.8	2.38 V	291	19.48	20.72

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5625.00	51.1 PK	74.0	-22.9	1.21 H	359	47.92	3.18
2	#5625.00	41.2 AV	54.0	-12.8	1.21 H	359	38.02	3.18
3	*5785.00	106.0 PK			1.13 H	344	102.57	3.43
4	*5785.00	97.5 AV			1.13 H	344	94.07	3.43
5	#5860.00	50.9 PK	74.0	-23.1	1.12 H	360	47.40	3.50
6	#5860.00	38.4 AV	54.0	-15.6	1.12 H	360	34.90	3.50
7	11570.00	49.3 PK	74.0	-24.7	1.95 H	112	35.94	13.36
8	11570.00	36.8 AV	54.0	-17.2	1.95 H	112	23.44	13.36
9	#17355.00	52.0 PK	74.0	-22.0	2.09 H	130	30.82	21.18
10	#17355.00	39.2 AV	54.0	-14.8	2.09 H	130	18.02	21.18
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	#5625.00	61.4 PK	74.0	-12.6	1.07 V	312	58.22	3.18
2	#5625.00	51.4 AV	54.0	-2.6	1.07 V	312	48.22	3.18
3	*5785.00	115.9 PK			1.06 V	315	112.47	3.43
4	*5785.00	107.4 AV			1.06 V	315	103.97	3.43
5	#5860.00	61.2 PK	74.0	-12.8	1.06 V	294	57.70	3.50
6	#5860.00	48.6 AV	54.0	-5.4	1.06 V	294	45.10	3.50
7	11570.00	50.6 PK	74.0	-23.4	2.50 V	161	37.24	13.36
8	11570.00	38.2 AV	54.0	-15.8	2.50 V	161	24.84	13.36
9	#17355.00	53.3 PK	74.0	-20.7	2.44 V	300	32.12	21.18
10	#17355.00	40.9 AV	54.0	-13.1	2.44 V	300	19.72	21.18

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5590.00	52.8 PK	74.0	-21.2	1.17 H	341	49.70	3.10
2	#5590.00	42.7 AV	54.0	-11.3	1.17 H	341	39.60	3.10
3	#5665.00	50.3 PK	74.0	-23.7	1.11 H	360	47.05	3.25
4	#5665.00	39.2 AV	54.0	-14.8	1.11 H	360	35.95	3.25
5	*5825.00	106.9 PK			1.13 H	360	103.44	3.46
6	*5825.00	96.6 AV			1.13 H	360	93.14	3.46
7	#5850.00	68.3 PK	78.2	-9.9	1.16 H	360	64.81	3.49
8	11650.00	50.1 PK	74.0	-23.9	1.96 H	118	36.84	13.26
9	11650.00	37.6 AV	54.0	-16.4	1.96 H	118	24.34	13.26
10	#17475.00	51.5 PK	74.0	-22.5	2.16 H	133	29.48	22.02
11	#17475.00	39.1 AV	54.0	-14.9	2.16 H	133	17.08	22.02
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	#5590.00	62.6 PK	74.0	-11.4	1.12 V	309	59.50	3.10
2	#5590.00	52.8 AV	54.0	-1.2	1.12 V	309	49.70	3.10
3	#5665.00	60.1 PK	74.0	-13.9	1.13 V	320	56.85	3.25
4	#5665.00	49.2 AV	54.0	-4.8	1.13 V	320	45.95	3.25
5	*5825.00	117.4 PK			1.06 V	320	113.94	3.46
6	*5825.00	107.1 AV			1.06 V	320	103.64	3.46
7	#5850.00	77.8 PK	78.2	-0.4	1.04 V	321	74.31	3.49
8	11650.00	50.7 PK	74.0	-23.3	2.51 V	163	37.44	13.26
9	11650.00	38.1 AV	54.0	-15.9	2.51 V	163	24.84	13.26
10	#17475.00	53.1 PK	74.0	-20.9	2.42 V	305	31.08	22.02
11	#17475.00	40.9 AV	54.0	-13.1	2.42 V	305	18.88	22.02

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	62.8 PK	74.0	-11.2	1.21 H	339	60.43	2.37
2	5150.00	43.3 AV	54.0	-10.7	1.21 H	339	40.93	2.37
3	*5190.00	102.0 PK			1.16 H	347	99.57	2.43
4	*5190.00	91.9 AV			1.16 H	347	89.47	2.43
5	5350.00	49.1 PK	74.0	-24.9	1.20 H	357	46.45	2.65
6	5350.00	40.0 AV	54.0	-14.0	1.20 H	357	37.35	2.65
7	#5766.00	49.5 PK	68.2	-18.7	1.18 H	340	46.10	3.40
8	#10380.00	50.4 PK	68.2	-17.8	1.96 H	118	38.17	12.23
9	15570.00	52.2 PK	74.0	-21.8	2.17 H	161	36.87	15.33
10	15570.00	39.8 AV	54.0	-14.2	2.17 H	161	24.47	15.33
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	73.2 PK	74.0	-0.8	1.03 V	333	70.83	2.37
2	5150.00	53.6 AV	54.0	-0.4	1.03 V	333	51.23	2.37
3	*5190.00	112.6 PK			1.04 V	336	110.17	2.43
4	*5190.00	102.2 AV			1.04 V	336	99.77	2.43
5	5350.00	59.6 PK	74.0	-14.4	1.07 V	313	56.95	2.65
6	5350.00	50.4 AV	54.0	-3.6	1.07 V	313	47.75	2.65
7	#5766.00	59.7 PK	68.2	-8.5	1.07 V	322	56.30	3.40
8	#10380.00	51.1 PK	68.2	-17.1	2.45 V	140	38.87	12.23
9	15570.00	52.5 PK	74.0	-21.5	2.40 V	300	37.17	15.33
10	15570.00	40.2 AV	54.0	-13.8	2.40 V	300	24.87	15.33

REMARKS:

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	5150.00	57.1 PK	74.0	-16.9	1.16 H	360	54.73	2.37
2	5150.00	43.6 AV	54.0	-10.4	1.16 H	360	41.23	2.37
3	*5230.00	105.3 PK			1.16 H	347	102.82	2.48
4	*5230.00	94.6 AV			1.16 H	347	92.12	2.48
5	5390.00	52.2 PK	74.0	-21.8	1.13 H	352	49.50	2.70
6	5390.00	42.4 AV	54.0	-11.6	1.13 H	352	39.70	2.70
7	#5811.00	46.0 PK	74.0	-28.0	1.15 H	360	42.54	3.46
8	#5811.00	40.8 AV	54.0	-13.2	1.15 H	360	37.34	3.46
9	#10460.00	50.0 PK	74.0	-24.0	1.98 H	137	37.69	12.31
10	#10460.00	37.2 AV	54.0	-16.8	1.98 H	137	24.89	12.31
11	15690.00	52.1 PK	74.0	-21.9	2.18 H	134	36.97	15.13
12	15690.00	39.2 AV	54.0	-14.8	2.18 H	134	24.07	15.13
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	5150.00	67.2 PK	74.0	-6.8	1.03 V	314	64.83	2.37
2	5150.00	53.7 AV	54.0	-0.3	1.03 V	314	51.33	2.37
3	*5230.00	115.4 PK			1.09 V	320	112.92	2.48
4	*5230.00	104.8 AV			1.09 V	320	102.32	2.48
5	5390.00	62.5 PK	74.0	-11.5	1.02 V	338	59.80	2.70
6	5390.00	52.8 AV	54.0	-1.2	1.02 V	338	50.10	2.70
7	#5811.00	56.0 PK	74.0	-18.0	1.03 V	306	52.54	3.46
8	#5811.00	50.7 AV	54.0	-3.3	1.03 V	306	47.24	3.46
9	#10460.00	50.2 PK	74.0	-23.8	2.42 V	164	37.89	12.31
10	#10460.00	37.9 AV	54.0	-16.1	2.42 V	164	25.59	12.31
11	15690.00	52.5 PK	74.0	-21.5	2.39 V	303	37.37	15.13
12	15690.00	40.4 AV	54.0	-13.6	2.39 V	303	25.27	15.13

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 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	61.1 PK	74.0	-12.9	1.16 H	343	57.76	3.34
2	#5715.00	42.3 AV	54.0	-11.7	1.16 H	343	38.96	3.34
3	#5725.00	67.8 PK	78.2	-10.4	1.17 H	357	64.44	3.36
4	*5755.00	101.5 PK			1.17 H	360	98.11	3.39
5	*5755.00	90.3 AV			1.17 H	360	86.91	3.39
6	11510.00	49.4 PK	74.0	-24.6	1.99 H	140	35.92	13.48
7	11510.00	36.9 AV	54.0	-17.1	1.99 H	140	23.42	13.48
8	#17265.00	51.7 PK	74.0	-22.3	2.08 H	133	30.95	20.75
9	#17265.00	39.3 AV	54.0	-14.7	2.08 H	133	18.55	20.75
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	71.4 PK	74.0	-2.6	1.02 V	231	68.06	3.34
2	#5715.00	52.4 AV	54.0	-1.6	1.02 V	231	49.06	3.34
3	#5725.00	78.0 PK	78.2	-0.2	1.03 V	225	74.64	3.36
4	*5755.00	111.3 PK			1.05 V	117	107.91	3.39
5	*5755.00	100.0 AV			1.05 V	117	96.61	3.39
6	11510.00	50.6 PK	74.0	-23.4	2.47 V	145	37.12	13.48
7	11510.00	37.9 AV	54.0	-16.1	2.47 V	145	24.42	13.48
8	#17265.00	53.1 PK	74.0	-20.9	2.42 V	304	32.35	20.75
9	#17265.00	40.7 AV	54.0	-13.3	2.42 V	304	19.95	20.75

REMARKS:

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

CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5635.00	57.9 PK	74.0	-16.1	1.22 H	346	54.71	3.19
2	#5635.00	43.3 AV	54.0	-10.7	1.22 H	346	40.11	3.19
3	*5795.00	102.1 PK			1.20 H	343	98.66	3.44
4	*5795.00	91.3 AV			1.20 H	343	87.86	3.44
5	#5850.00	57.7 PK	78.2	-20.5	1.12 H	360	54.21	3.49
6	#5940.00	50.6 PK	74.0	-23.4	1.13 H	347	46.96	3.64
7	#5940.00	40.9 AV	54.0	-13.1	1.13 H	347	37.26	3.64
8	11590.00	50.2 PK	74.0	-23.8	1.99 H	135	36.89	13.31
9	11590.00	37.5 AV	54.0	-16.5	1.99 H	135	24.19	13.31
10	#17385.00	52.3 PK	74.0	-21.7	2.12 H	157	30.90	21.40
11	#17385.00	39.7 AV	54.0	-14.3	2.12 H	157	18.30	21.40
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5635.00	67.6 PK	74.0	-6.4	1.07 V	121	64.41	3.19
2	#5635.00	53.3 AV	54.0	-0.7	1.07 V	121	50.11	3.19
3	*5795.00	111.8 PK			1.06 V	237	108.36	3.44
4	*5795.00	101.1 AV			1.06 V	237	97.66	3.44
5	#5850.00	67.9 PK	78.2	-10.3	1.03 V	232	64.41	3.49
6	#5940.00	60.8 PK	74.0	-13.2	1.02 V	229	57.16	3.64
7	#5940.00	50.9 AV	54.0	-3.1	1.02 V	229	47.26	3.64
8	11590.00	51.1 PK	74.0	-22.9	2.47 V	153	37.79	13.31
9	11590.00	38.5 AV	54.0	-15.5	2.47 V	153	25.19	13.31
10	#17385.00	53.3 PK	74.0	-20.7	2.42 V	291	31.90	21.40
11	#17385.00	41.0 AV	54.0	-13.0	2.42 V	291	19.60	21.40

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – 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	61.3 PK	74.0	-12.7	1.12 H	350	58.93	2.37
2	5150.00	43.2 AV	54.0	-10.8	1.12 H	350	40.83	2.37
3	*5210.00	97.0 PK			1.17 H	352	94.55	2.45
4	*5210.00	85.6 AV			1.17 H	352	83.15	2.45
5	#5788.00	45.6 PK	74.0	-28.4	1.13 H	360	42.17	3.43
6	#5788.00	36.9 AV	54.0	-17.1	1.13 H	360	33.47	3.43
7	#10420.00	50.2 PK	74.0	-23.8	1.96 H	120	37.90	12.30
8	#10420.00	37.7 AV	54.0	-16.3	1.96 H	120	25.40	12.30
9	15630.00	51.9 PK	74.0	-22.1	2.08 H	155	36.67	15.23
10	15630.00	39.4 AV	54.0	-14.6	2.08 H	155	24.17	15.23
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	5150.00	71.5 PK	74.0	-2.5	2.01 V	227	69.13	2.37
2	5150.00	53.6 AV	54.0	-0.4	2.01 V	227	51.23	2.37
3	*5210.00	107.0 PK			1.08 V	242	104.55	2.45
4	*5210.00	95.6 AV			1.08 V	242	93.15	2.45
5	#5788.00	56.3 PK	74.0	-17.7	2.08 V	242	52.87	3.43
6	#5788.00	47.4 AV	54.0	-6.6	2.08 V	242	43.97	3.43
7	#10420.00	50.9 PK	74.0	-23.1	2.41 V	156	38.60	12.30
8	#10420.00	38.0 AV	54.0	-16.0	2.41 V	156	25.70	12.30
9	15630.00	52.8 PK	74.0	-21.2	2.46 V	304	37.57	15.23
10	15630.00	40.6 AV	54.0	-13.4	2.46 V	304	25.37	15.23

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 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	64.1 PK	74.0	-9.9	1.16 H	360	60.76	3.34
2	#5715.00	42.2 AV	54.0	-11.8	1.16 H	360	38.86	3.34
3	#5725.00	68.0 PK	78.2	-10.2	1.12 H	352	64.64	3.36
4	*5775.00	98.7 PK			1.17 H	356	95.29	3.41
5	*5775.00	85.6 AV			1.17 H	356	82.19	3.41
6	#5850.00	59.2 PK	78.2	-19.0	1.16 H	357	55.71	3.49
7	#5860.00	59.8 PK	74.0	-14.2	1.12 H	358	56.30	3.50
8	#5860.00	43.3 AV	54.0	-10.7	1.12 H	358	39.80	3.50
9	11550.00	49.5 PK	74.0	-24.5	2.02 H	138	36.11	13.39
10	11550.00	37.1 AV	54.0	-16.9	2.02 H	138	23.71	13.39
11	#17325.00	52.4 PK	74.0	-21.6	2.17 H	157	31.42	20.98
12	#17325.00	40.0 AV	54.0	-14.0	2.17 H	157	19.02	20.98
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	73.7 PK	74.0	-0.3	1.10 V	242	70.36	3.34
2	#5715.00	52.0 AV	54.0	-2.0	1.10 V	242	48.66	3.34
3	#5725.00	77.9 PK	78.2	-0.3	1.02 V	234	74.54	3.36
4	*5775.00	108.8 PK			1.11 V	230	105.39	3.41
5	*5775.00	95.9 AV			1.11 V	230	92.49	3.41
6	#5850.00	68.9 PK	78.2	-9.3	1.02 V	245	65.41	3.49
7	#5860.00	70.0 PK	74.0	-4.0	1.02 V	250	66.50	3.50
8	#5860.00	53.5 AV	54.0	-0.5	1.02 V	250	50.00	3.50
9	11550.00	50.4 PK	74.0	-23.6	2.47 V	137	37.01	13.39
10	11550.00	38.0 AV	54.0	-16.0	2.47 V	137	24.61	13.39
11	#17325.00	53.3 PK	74.0	-20.7	2.38 V	305	32.32	20.98
12	#17325.00	41.1 AV	54.0	-12.9	2.38 V	305	20.12	20.98

REMARKS:

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

2TX

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ANT5, ANT6

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	61.0 PK	74.0	-13.0	1.19 H	344	58.63	2.37
2	5150.00	43.1 AV	54.0	-10.9	1.19 H	344	40.73	2.37
3	*5180.00	105.0 PK			1.17 H	354	102.60	2.40
4	*5180.00	95.3 AV			1.17 H	354	92.90	2.40
5	#10360.00	50.3 PK	74.0	-23.7	2.03 H	125	38.13	12.17
6	#10360.00	37.5 AV	54.0	-16.5	2.03 H	125	25.33	12.17
7	15540.00	52.7 PK	74.0	-21.3	2.08 H	143	37.33	15.37
8	15540.00	39.9 AV	54.0	-14.1	2.08 H	143	24.53	15.37
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	71.3 PK	74.0	-2.7	3.20 V	264	68.93	2.37
2	5150.00	53.1 AV	54.0	-0.9	3.20 V	264	50.73	2.37
3	*5180.00	114.7 PK			2.79 V	54	112.30	2.40
4	*5180.00	104.9 AV			2.79 V	54	102.50	2.40
5	#10360.00	50.9 PK	74.0	-23.1	2.42 V	144	38.73	12.17
6	#10360.00	38.2 AV	54.0	-15.8	2.42 V	144	26.03	12.17
7	15540.00	52.8 PK	74.0	-21.2	2.48 V	291	37.43	15.37
8	15540.00	40.3 AV	54.0	-13.7	2.48 V	291	24.93	15.37

REMARKS:

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

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) 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	5125.00	51.7 PK	74.0	-22.3	1.14 H	356	49.36	2.34
2	5125.00	38.5 AV	54.0	-15.5	1.14 H	356	36.16	2.34
3	*5200.00	106.5 PK			1.19 H	339	104.07	2.43
4	*5200.00	96.3 AV			1.19 H	339	93.87	2.43
5	#10400.00	50.0 PK	74.0	-24.0	1.97 H	128	37.69	12.31
6	#10400.00	37.2 AV	54.0	-16.8	1.97 H	128	24.89	12.31
7	15600.00	52.7 PK	74.0	-21.3	2.12 H	157	37.42	15.28
8	15600.00	39.8 AV	54.0	-14.2	2.12 H	157	24.52	15.28
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5125.00	61.4 PK	74.0	-12.6	2.38 V	41	59.06	2.34
2	5125.00	48.2 AV	54.0	-5.8	2.38 V	41	45.86	2.34
3	*5200.00	115.9 PK			2.57 V	64	113.47	2.43
4	*5200.00	105.9 AV			2.57 V	64	103.47	2.43
5	#10400.00	50.8 PK	74.0	-23.2	2.36 V	154	38.49	12.31
6	#10400.00	38.1 AV	54.0	-15.9	2.36 V	154	25.79	12.31
7	15600.00	52.7 PK	74.0	-21.3	2.52 V	292	37.42	15.28
8	15600.00	40.0 AV	54.0	-14.0	2.52 V	292	24.72	15.28

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5080.00	50.0 PK	74.0	-24.0	1.08 H	360	47.70	2.30
2	5080.00	39.7 AV	54.0	-14.3	1.08 H	360	37.40	2.30
3	*5240.00	106.3 PK			1.09 H	338	103.80	2.50
4	*5240.00	96.3 AV			1.09 H	338	93.80	2.50
5	5400.00	53.2 PK	74.0	-20.8	1.12 H	359	50.50	2.70
6	5400.00	41.7 AV	54.0	-12.3	1.12 H	359	39.00	2.70
7	#10480.00	49.8 PK	74.0	-24.2	1.97 H	112	37.50	12.30
8	#10480.00	37.3 AV	54.0	-16.7	1.97 H	112	25.00	12.30
9	15720.00	52.8 PK	74.0	-21.2	2.06 H	147	37.74	15.06
10	15720.00	40.1 AV	54.0	-13.9	2.06 H	147	25.04	15.06
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5080.00	60.3 PK	74.0	-13.7	2.80 V	47	58.00	2.30
2	5080.00	50.1 AV	54.0	-3.9	2.80 V	47	47.80	2.30
3	*5240.00	115.8 PK			2.56 V	68	113.30	2.50
4	*5240.00	106.0 AV			2.56 V	68	103.50	2.50
5	5400.00	62.7 PK	74.0	-11.3	2.57 V	235	60.00	2.70
6	5400.00	51.4 AV	54.0	-2.6	2.57 V	235	48.70	2.70
7	#10480.00	51.5 PK	74.0	-22.5	2.38 V	134	39.20	12.30
8	#10480.00	38.7 AV	54.0	-15.3	2.38 V	134	26.40	12.30
9	15720.00	52.9 PK	74.0	-21.1	2.53 V	289	37.84	15.06
10	15720.00	40.2 AV	54.0	-13.8	2.53 V	289	25.14	15.06

REMARKS:

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

CHANNEL	TX Channel 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	58.1 PK	74.0	-15.9	1.13 H	355	54.76	3.34
2	#5715.00	38.8 AV	54.0	-15.2	1.13 H	355	35.46	3.34
3	#5725.00	68.0 PK	78.2	-10.2	1.20 H	352	64.64	3.36
4	*5745.00	103.9 PK			1.17 H	334	100.52	3.38
5	*5745.00	93.2 AV			1.17 H	334	89.82	3.38
6	11490.00	49.9 PK	74.0	-24.1	2.07 H	124	36.39	13.51
7	11490.00	37.2 AV	54.0	-16.8	2.07 H	124	23.69	13.51
8	#17235.00	52.5 PK	74.0	-21.5	2.03 H	156	31.78	20.72
9	#17235.00	39.8 AV	54.0	-14.2	2.03 H	156	19.08	20.72
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	68.0 PK	74.0	-6.0	2.31 V	117	64.66	3.34
2	#5715.00	48.6 AV	54.0	-5.4	2.31 V	117	45.26	3.34
3	#5725.00	78.0 PK	78.2	-0.2	2.46 V	113	74.64	3.36
4	*5745.00	113.5 PK			2.76 V	89	110.12	3.38
5	*5745.00	103.0 AV			2.76 V	89	99.62	3.38
6	11490.00	50.6 PK	74.0	-23.4	2.42 V	141	37.09	13.51
7	11490.00	38.1 AV	54.0	-15.9	2.42 V	141	24.59	13.51
8	#17235.00	53.2 PK	74.0	-20.8	2.51 V	285	32.48	20.72
9	#17235.00	40.5 AV	54.0	-13.5	2.51 V	285	19.78	20.72

REMARKS:

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

CHANNEL	TX Channel 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	#5625.00	51.5 PK	74.0	-22.5	1.11 H	331	48.32	3.18
2	#5625.00	42.1 AV	54.0	-11.9	1.11 H	331	38.92	3.18
3	#5725.00	51.8 PK	78.2	-26.4	1.12 H	360	48.44	3.36
4	*5785.00	105.7 PK			1.14 H	332	102.27	3.43
5	*5785.00	95.4 AV			1.14 H	332	91.97	3.43
6	#5938.00	50.0 PK	74.0	-24.0	1.15 H	333	46.36	3.64
7	#5938.00	38.6 AV	54.0	-15.4	1.15 H	333	34.96	3.64
8	11570.00	52.0 PK	74.0	-22.0	1.99 H	123	38.64	13.36
9	11570.00	41.2 AV	54.0	-12.8	1.99 H	123	27.84	13.36
10	#17355.00	57.6 PK	74.0	-16.4	2.09 H	133	36.42	21.18
11	#17355.00	46.0 AV	54.0	-8.0	2.09 H	133	24.82	21.18
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	#5625.00	61.2 PK	74.0	-12.8	2.56 V	128	58.02	3.18
2	#5625.00	51.6 AV	54.0	-2.4	2.56 V	128	48.42	3.18
3	#5725.00	62.0 PK	78.2	-16.2	2.55 V	111	58.64	3.36
4	*5785.00	115.8 PK			2.54 V	102	112.37	3.43
5	*5785.00	105.4 AV			2.54 V	102	101.97	3.43
6	#5938.00	60.3 PK	74.0	-13.7	2.55 V	107	56.66	3.64
7	#5938.00	49.0 AV	54.0	-5.0	2.55 V	107	45.36	3.64
8	11570.00	51.2 PK	74.0	-22.8	2.44 V	174	37.84	13.36
9	11570.00	40.8 AV	54.0	-13.2	2.44 V	174	27.44	13.36
10	#17355.00	56.5 PK	74.0	-17.5	2.49 V	308	35.32	21.18
11	#17355.00	45.6 AV	54.0	-8.4	2.49 V	308	24.42	21.18

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 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	106.9 PK			1.14 H	357	103.44	3.46
2	*5825.00	96.8 AV			1.14 H	357	93.34	3.46
3	#5850.00	67.6 PK	78.2	-10.6	1.17 H	334	64.11	3.49
4	#5860.00	57.2 PK	74.0	-16.8	1.12 H	337	53.70	3.50
5	#5860.00	39.8 AV	54.0	-14.2	1.12 H	337	36.30	3.50
6	11650.00	50.1 PK	74.0	-23.9	2.02 H	133	36.84	13.26
7	11650.00	37.2 AV	54.0	-16.8	2.02 H	133	23.94	13.26
8	#17475.00	52.8 PK	74.0	-21.2	2.12 H	138	30.78	22.02
9	#17475.00	39.9 AV	54.0	-14.1	2.12 H	138	17.88	22.02
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	116.4 PK			2.64 V	103	112.94	3.46
2	*5825.00	106.4 AV			2.64 V	103	102.94	3.46
3	#5850.00	77.1 PK	78.2	-1.1	2.55 V	102	73.61	3.49
4	#5860.00	67.8 PK	74.0	-6.2	2.56 V	119	64.30	3.50
5	#5860.00	50.1 AV	54.0	-3.9	2.56 V	119	46.60	3.50
6	11650.00	51.0 PK	74.0	-23.0	2.47 V	130	37.74	13.26
7	11650.00	38.4 AV	54.0	-15.6	2.47 V	130	25.14	13.26
8	#17475.00	52.8 PK	74.0	-21.2	2.48 V	284	30.78	22.02
9	#17475.00	40.2 AV	54.0	-13.8	2.48 V	284	18.18	22.02

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	61.6 PK	74.0	-12.4	1.14 H	339	59.23	2.37
2	5150.00	43.5 AV	54.0	-10.5	1.14 H	339	41.13	2.37
3	*5180.00	104.7 PK			1.11 H	344	102.30	2.40
4	*5180.00	94.5 AV			1.11 H	344	92.10	2.40
5	#10360.00	50.1 PK	74.0	-23.9	2.08 H	125	37.93	12.17
6	#10360.00	37.3 AV	54.0	-16.7	2.08 H	125	25.13	12.17
7	15540.00	52.9 PK	74.0	-21.1	2.11 H	149	37.53	15.37
8	15540.00	40.1 AV	54.0	-13.9	2.11 H	149	24.73	15.37
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	72.2 PK	74.0	-1.8	2.69 V	105	69.83	2.37
2	**5150.00**	**53.9 AV**	**54.0**	**-0.1**	**2.69 V**	**105**	**51.53**	**2.37**
3	*5180.00	114.1 PK			2.72 V	118	111.70	2.40
4	*5180.00	104.1 AV			2.72 V	118	101.70	2.40
5	#10360.00	50.6 PK	74.0	-23.4	2.47 V	151	38.43	12.17
6	#10360.00	38.1 AV	54.0	-15.9	2.47 V	151	25.93	12.17
7	15540.00	52.6 PK	74.0	-21.4	2.52 V	290	37.23	15.37
8	15540.00	40.2 AV	54.0	-13.8	2.52 V	290	24.83	15.37

REMARKS:

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

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) 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	50.8 PK	74.0	-23.2	1.16 H	346	48.43	2.37
2	5150.00	36.3 AV	54.0	-17.7	1.16 H	346	33.93	2.37
3	*5200.00	103.8 PK			1.11 H	342	101.37	2.43
4	*5200.00	93.6 AV			1.11 H	342	91.17	2.43
5	5350.00	49.8 PK	74.0	-24.2	1.10 H	338	47.15	2.65
6	5350.00	40.5 AV	54.0	-13.5	1.10 H	338	37.85	2.65
7	#10400.00	50.6 PK	74.0	-23.4	2.02 H	130	38.29	12.31
8	#10400.00	37.7 AV	54.0	-16.3	2.02 H	130	25.39	12.31
9	15600.00	52.6 PK	74.0	-21.4	2.06 H	140	37.32	15.28
10	15600.00	39.8 AV	54.0	-14.2	2.06 H	140	24.52	15.28
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	2.64 V	94	58.63	2.37
2	5150.00	46.8 AV	54.0	-7.2	2.64 V	94	44.43	2.37
3	*5200.00	114.1 PK			2.54 V	116	111.67	2.43
4	*5200.00	104.0 AV			2.54 V	116	101.57	2.43
5	5350.00	60.6 PK	74.0	-13.4	2.56 V	101	57.95	2.65
6	5350.00	51.0 AV	54.0	-3.0	2.56 V	101	48.35	2.65
7	#10400.00	51.2 PK	74.0	-22.8	2.45 V	136	38.89	12.31
8	#10400.00	38.6 AV	54.0	-15.4	2.45 V	136	26.29	12.31
9	15600.00	53.1 PK	74.0	-20.9	2.47 V	300	37.82	15.28
10	15600.00	40.7 AV	54.0	-13.3	2.47 V	300	25.42	15.28

REMARKS:

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	5080.00	46.5 PK	74.0	-27.5	1.10 H	345	44.20	2.30
2	5080.00	37.6 AV	54.0	-16.4	1.10 H	345	35.30	2.30
3	*5240.00	104.7 PK			1.16 H	341	102.20	2.50
4	*5240.00	94.6 AV			1.16 H	341	92.10	2.50
5	5400.00	49.4 PK	74.0	-24.6	1.13 H	352	46.70	2.70
6	5400.00	39.6 AV	54.0	-14.4	1.13 H	352	36.90	2.70
7	#10480.00	50.5 PK	74.0	-23.5	2.08 H	130	38.20	12.30
8	#10480.00	37.5 AV	54.0	-16.5	2.08 H	130	25.20	12.30
9	15720.00	52.5 PK	74.0	-21.5	2.03 H	129	37.44	15.06
10	15720.00	39.8 AV	54.0	-14.2	2.03 H	129	24.74	15.06
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5080.00	56.9 PK	74.0	-17.1	2.96 V	116	54.60	2.30
2	5080.00	47.9 AV	54.0	-6.1	2.96 V	116	45.60	2.30
3	*5240.00	114.6 PK			2.56 V	125	112.10	2.50
4	*5240.00	104.3 AV			2.56 V	125	101.80	2.50
5	5400.00	59.6 PK	74.0	-14.4	2.85 V	102	56.90	2.70
6	5400.00	49.9 AV	54.0	-4.1	2.85 V	102	47.20	2.70
7	#10480.00	51.1 PK	74.0	-22.9	2.43 V	144	38.80	12.30
8	#10480.00	38.7 AV	54.0	-15.3	2.43 V	144	26.40	12.30
9	15720.00	52.7 PK	74.0	-21.3	2.44 V	304	37.64	15.06
10	15720.00	40.1 AV	54.0	-13.9	2.44 V	304	25.04	15.06

REMARKS:

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

CHANNEL	TX Channel 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	51.1 PK	74.0	-22.9	1.20 H	343	47.76	3.34
2	#5715.00	37.6 AV	54.0	-16.4	1.20 H	343	34.26	3.34
3	#5725.00	67.5 PK	78.2	-10.7	1.13 H	333	64.14	3.36
4	*5745.00	100.4 PK			1.17 H	341	97.02	3.38
5	*5745.00	90.7 AV			1.17 H	341	87.32	3.38
6	11490.00	49.8 PK	74.0	-24.2	2.06 H	111	36.29	13.51
7	11490.00	37.2 AV	54.0	-16.8	2.06 H	111	23.69	13.51
8	#17235.00	53.0 PK	74.0	-21.0	2.09 H	151	32.28	20.72
9	#17235.00	40.3 AV	54.0	-13.7	2.09 H	151	19.58	20.72
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	61.6 PK	74.0	-12.4	2.49 V	285	58.26	3.34
2	#5715.00	47.9 AV	54.0	-6.1	2.49 V	285	44.56	3.34
3	#5725.00	77.1 PK	78.2	-1.1	2.51 V	318	73.74	3.36
4	*5745.00	110.9 PK			2.58 V	218	107.52	3.38
5	*5745.00	101.0 AV			2.58 V	218	97.62	3.38
6	11490.00	50.5 PK	74.0	-23.5	2.41 V	136	36.99	13.51
7	11490.00	37.7 AV	54.0	-16.3	2.41 V	136	24.19	13.51
8	#17235.00	52.8 PK	74.0	-21.2	2.47 V	305	32.08	20.72
9	#17235.00	40.4 AV	54.0	-13.6	2.47 V	305	19.68	20.72

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5625.00	50.6 PK	74.0	-23.4	1.16 H	338	47.42	3.18
2	#5625.00	39.1 AV	54.0	-14.9	1.16 H	338	35.92	3.18
3	*5785.00	106.4 PK			1.17 H	350	102.97	3.43
4	*5785.00	96.2 AV			1.17 H	350	92.77	3.43
5	#5860.00	47.8 PK	74.0	-26.2	1.19 H	339	44.30	3.50
6	#5860.00	36.8 AV	54.0	-17.2	1.19 H	339	33.30	3.50
7	11570.00	50.0 PK	74.0	-24.0	1.97 H	119	36.64	13.36
8	11570.00	37.2 AV	54.0	-16.8	1.97 H	119	23.84	13.36
9	#17355.00	52.3 PK	74.0	-21.7	2.11 H	135	31.12	21.18
10	#17355.00	39.8 AV	54.0	-14.2	2.11 H	135	18.62	21.18
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	#5625.00	60.3 PK	74.0	-13.7	2.55 V	227	57.12	3.18
2	#5625.00	49.0 AV	54.0	-5.0	2.55 V	227	45.82	3.18
3	*5785.00	115.9 PK			2.38 V	218	112.47	3.43
4	*5785.00	105.7 AV			2.38 V	218	102.27	3.43
5	#5860.00	58.0 PK	74.0	-16.0	2.69 V	343	54.50	3.50
6	#5860.00	46.8 AV	54.0	-7.2	2.69 V	343	43.30	3.50
7	11570.00	50.8 PK	74.0	-23.2	2.47 V	132	37.44	13.36
8	11570.00	37.9 AV	54.0	-16.1	2.47 V	132	24.54	13.36
9	#17355.00	52.4 PK	74.0	-21.6	2.50 V	302	31.22	21.18
10	#17355.00	40.2 AV	54.0	-13.8	2.50 V	302	19.02	21.18

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 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	#5590.00	52.2 PK	74.0	-21.8	1.16 H	354	49.10	3.10
2	#5590.00	42.1 AV	54.0	-11.9	1.16 H	354	39.00	3.10
3	*5825.00	104.4 PK			1.17 H	355	100.94	3.46
4	*5825.00	93.8 AV			1.17 H	355	90.34	3.46
5	#5850.00	67.8 PK	78.2	-10.4	1.10 H	331	64.31	3.49
6	11650.00	50.2 PK	74.0	-23.8	1.98 H	120	36.94	13.26
7	11650.00	37.2 AV	54.0	-16.8	1.98 H	120	23.94	13.26
8	#17475.00	52.9 PK	74.0	-21.1	2.09 H	159	30.88	22.02
9	#17475.00	40.0 AV	54.0	-14.0	2.09 H	159	17.98	22.02
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	#5590.00	62.4 PK	74.0	-11.6	2.54 V	346	59.30	3.10
2	#5590.00	52.2 AV	54.0	-1.8	2.54 V	346	49.10	3.10
3	*5825.00	114.5 PK			2.44 V	235	111.04	3.46
4	*5825.00	103.9 AV			2.44 V	235	100.44	3.46
5	#5850.00	77.5 PK	78.2	-0.7	2.45 V	280	74.01	3.49
6	11650.00	51.0 PK	74.0	-23.0	2.47 V	148	37.74	13.26
7	11650.00	38.5 AV	54.0	-15.5	2.47 V	148	25.24	13.26
8	#17475.00	53.0 PK	74.0	-21.0	2.42 V	296	30.98	22.02
9	#17475.00	40.5 AV	54.0	-13.5	2.42 V	296	18.48	22.02

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	62.5 PK	74.0	-11.5	1.10 H	360	60.13	2.37
2	5150.00	42.7 AV	54.0	-11.3	1.10 H	360	40.33	2.37
3	*5190.00	97.8 PK			1.13 H	360	95.37	2.43
4	*5190.00	87.9 AV			1.13 H	360	85.47	2.43
5	#10380.00	50.4 PK	74.0	-23.6	2.06 H	112	38.17	12.23
6	#10380.00	37.6 AV	54.0	-16.4	2.06 H	112	25.37	12.23
7	15570.00	52.5 PK	74.0	-21.5	2.05 H	130	37.17	15.33
8	15570.00	39.5 AV	54.0	-14.5	2.05 H	130	24.17	15.33
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	72.6 PK	74.0	-1.4	2.37 V	207	70.23	2.37
2	5150.00	52.9 AV	54.0	-1.1	2.37 V	207	50.53	2.37
3	*5190.00	108.0 PK			2.62 V	220	105.57	2.43
4	*5190.00	97.8 AV			2.62 V	220	95.37	2.43
5	#10380.00	50.5 PK	74.0	-23.5	2.42 V	140	38.27	12.23
6	#10380.00	38.0 AV	54.0	-16.0	2.42 V	140	25.77	12.23
7	15570.00	52.6 PK	74.0	-21.4	2.45 V	285	37.27	15.33
8	15570.00	40.2 AV	54.0	-13.8	2.45 V	285	24.87	15.33

REMARKS:

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	5150.00	56.2 PK	74.0	-17.8	1.11 H	342	53.83	2.37
2	5150.00	42.0 AV	54.0	-12.0	1.11 H	342	39.63	2.37
3	*5230.00	99.5 PK			1.19 H	340	97.02	2.48
4	*5230.00	90.5 AV			1.19 H	340	88.02	2.48
5	5390.00	50.5 PK	74.0	-23.5	1.18 H	358	47.80	2.70
6	5390.00	41.3 AV	54.0	-12.7	1.18 H	358	38.60	2.70
7	#10460.00	50.8 PK	74.0	-23.2	2.05 H	140	38.49	12.31
8	#10460.00	38.0 AV	54.0	-16.0	2.05 H	140	25.69	12.31
9	15690.00	53.0 PK	74.0	-21.0	2.11 H	127	37.87	15.13
10	15690.00	40.1 AV	54.0	-13.9	2.11 H	127	24.97	15.13
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	5150.00	66.1 PK	74.0	-7.9	2.82 V	240	63.73	2.37
2	5150.00	51.9 AV	54.0	-2.1	2.82 V	240	49.53	2.37
3	*5230.00	109.8 PK			2.83 V	222	107.32	2.48
4	*5230.00	100.9 AV			2.83 V	222	98.42	2.48
5	5390.00	61.1 PK	74.0	-12.9	2.81 V	226	58.40	2.70
6	5390.00	51.8 AV	54.0	-2.2	2.81 V	226	49.10	2.70
7	#10460.00	51.1 PK	74.0	-22.9	2.47 V	145	38.79	12.31
8	#10460.00	38.5 AV	54.0	-15.5	2.47 V	145	26.19	12.31
9	15690.00	53.0 PK	74.0	-21.0	2.54 V	281	37.87	15.13
10	15690.00	40.7 AV	54.0	-13.3	2.54 V	281	25.57	15.13

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 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	59.3 PK	74.0	-14.7	1.15 H	350	55.96	3.34
2	#5715.00	39.4 AV	54.0	-14.6	1.15 H	350	36.06	3.34
3	#5725.00	67.7 PK	78.2	-10.5	1.10 H	360	64.34	3.36
4	*5755.00	98.4 PK			1.16 H	341	95.01	3.39
5	*5755.00	87.7 AV			1.16 H	341	84.31	3.39
6	11510.00	50.3 PK	74.0	-23.7	2.07 H	129	36.82	13.48
7	11510.00	37.3 AV	54.0	-16.7	2.07 H	129	23.82	13.48
8	#17265.00	52.4 PK	74.0	-21.6	2.06 H	140	31.65	20.75
9	#17265.00	39.9 AV	54.0	-14.1	2.06 H	140	19.15	20.75
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	69.6 PK	74.0	-4.4	2.40 V	273	66.26	3.34
2	#5715.00	49.8 AV	54.0	-4.2	2.40 V	273	46.46	3.34
3	#5725.00	77.6 PK	78.2	-0.6	2.33 V	271	74.24	3.36
4	*5755.00	108.4 PK			2.52 V	287	105.01	3.39
5	*5755.00	97.6 AV			2.52 V	287	94.21	3.39
6	11510.00	51.3 PK	74.0	-22.7	2.43 V	134	37.82	13.48
7	11510.00	38.6 AV	54.0	-15.4	2.43 V	134	25.12	13.48
8	#17265.00	53.0 PK	74.0	-21.0	2.47 V	303	32.25	20.75
9	#17265.00	40.4 AV	54.0	-13.6	2.47 V	303	19.65	20.75

REMARKS:

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	#5640.00	57.8 PK	74.0	-16.2	1.13 H	353	54.59	3.21
2	#5640.00	43.0 AV	54.0	-11.0	1.13 H	353	39.79	3.21
3	*5795.00	102.0 PK			1.18 H	347	98.56	3.44
4	*5795.00	90.3 AV			1.18 H	347	86.86	3.44
5	#5850.00	61.7 PK	78.2	-16.5	1.13 H	349	58.21	3.49
6	#5940.00	56.1 PK	74.0	-17.9	1.10 H	360	52.46	3.64
7	#5940.00	37.9 AV	54.0	-16.1	1.10 H	360	34.26	3.64
8	11590.00	50.8 PK	74.0	-23.2	2.06 H	139	37.49	13.31
9	11590.00	37.8 AV	54.0	-16.2	2.06 H	139	24.49	13.31
10	#17385.00	52.8 PK	74.0	-21.2	2.12 H	158	31.40	21.40
11	#17385.00	39.7 AV	54.0	-14.3	2.12 H	158	18.30	21.40
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5640.00	67.9 PK	74.0	-6.1	2.38 V	290	64.69	3.21
2	#5640.00	53.3 AV	54.0	-0.7	2.38 V	290	50.09	3.21
3	*5795.00	112.7 PK			2.38 V	298	109.26	3.44
4	*5795.00	100.8 AV			2.38 V	298	97.36	3.44
5	#5850.00	71.4 PK	78.2	-6.8	2.41 V	295	67.91	3.49
6	#5940.00	65.9 PK	74.0	-8.1	2.42 V	279	62.26	3.64
7	#5940.00	47.8 AV	54.0	-6.2	2.42 V	279	44.16	3.64
8	11590.00	51.1 PK	74.0	-22.9	2.39 V	158	37.79	13.31
9	11590.00	38.6 AV	54.0	-15.4	2.39 V	158	25.29	13.31
10	#17385.00	52.5 PK	74.0	-21.5	2.48 V	297	31.10	21.40
11	#17385.00	40.1 AV	54.0	-13.9	2.48 V	297	18.70	21.40

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – 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	60.2 PK	74.0	-13.8	1.09 H	331	57.83	2.37
2	5150.00	43.8 AV	54.0	-10.2	1.09 H	331	41.43	2.37
3	*5210.00	94.8 PK			1.14 H	334	92.35	2.45
4	*5210.00	83.4 AV			1.14 H	334	80.95	2.45
5	5350.00	49.0 PK	74.0	-25.0	1.14 H	334	46.35	2.65
6	5350.00	36.8 AV	54.0	-17.2	1.14 H	334	34.15	2.65
7	#10420.00	50.9 PK	74.0	-23.1	2.07 H	120	38.60	12.30
8	#10420.00	37.9 AV	54.0	-16.1	2.07 H	120	25.60	12.30
9	15630.00	52.6 PK	74.0	-21.4	2.14 H	147	37.37	15.23
10	15630.00	39.7 AV	54.0	-14.3	2.14 H	147	24.47	15.23
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	5150.00	69.8 PK	74.0	-4.2	2.69 V	268	67.43	2.37
2	5150.00	53.4 AV	54.0	-0.6	2.69 V	268	51.03	2.37
3	*5210.00	105.0 PK			2.72 V	277	102.55	2.45
4	*5210.00	93.4 AV			2.72 V	277	90.95	2.45
5	5350.00	59.2 PK	74.0	-14.8	2.60 V	261	56.55	2.65
6	5350.00	47.1 AV	54.0	-6.9	2.60 V	261	44.45	2.65
7	#10420.00	50.9 PK	74.0	-23.1	2.40 V	153	38.60	12.30
8	#10420.00	38.0 AV	54.0	-16.0	2.40 V	153	25.70	12.30
9	15630.00	52.6 PK	74.0	-21.4	2.50 V	294	37.37	15.23
10	15630.00	40.3 AV	54.0	-13.7	2.50 V	294	25.07	15.23

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 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	61.9 PK	74.0	-12.1	1.19 H	360	58.56	3.34
2	#5715.00	43.6 AV	54.0	-10.4	1.19 H	360	40.26	3.34
3	#5725.00	66.4 PK	78.2	-11.8	1.12 H	348	63.04	3.36
4	*5775.00	91.7 PK			1.14 H	346	88.29	3.41
5	*5775.00	80.1 AV			1.14 H	346	76.69	3.41
6	#5850.00	59.0 PK	78.2	-19.2	1.20 H	342	55.51	3.49
7	#5860.00	55.3 PK	74.0	-18.7	1.15 H	352	51.80	3.50
8	#5860.00	39.6 AV	54.0	-14.4	1.15 H	352	36.10	3.50
9	11550.00	50.1 PK	74.0	-23.9	2.03 H	136	36.71	13.39
10	11550.00	37.1 AV	54.0	-16.9	2.03 H	136	23.71	13.39
11	#17325.00	52.7 PK	74.0	-21.3	2.13 H	153	31.72	20.98
12	#17325.00	39.6 AV	54.0	-14.4	2.13 H	153	18.62	20.98
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	71.3 PK	74.0	-2.7	2.52 V	270	67.96	3.34
2	#5715.00	53.2 AV	54.0	-0.8	2.52 V	270	49.86	3.34
3	#5725.00	76.6 PK	78.2	-1.6	2.48 V	279	73.24	3.36
4	*5775.00	105.5 PK			2.51 V	299	102.09	3.41
5	*5775.00	93.5 AV			2.51 V	299	90.09	3.41
6	#5850.00	69.1 PK	78.2	-9.1	2.52 V	273	65.61	3.49
7	#5860.00	65.6 PK	74.0	-8.4	2.48 V	277	62.10	3.50
8	#5860.00	49.8 AV	54.0	-4.2	2.48 V	277	46.30	3.50
9	11550.00	50.9 PK	74.0	-23.1	2.41 V	155	37.51	13.39
10	11550.00	38.3 AV	54.0	-15.7	2.41 V	155	24.91	13.39
11	#17325.00	52.3 PK	74.0	-21.7	2.49 V	281	31.32	20.98
12	#17325.00	39.9 AV	54.0	-14.1	2.49 V	281	18.92	20.98

REMARKS:

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

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ANT9

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	66.0 PK	74.0	-8.0	1.22 H	345	63.63	2.37
2	5150.00	48.4 AV	54.0	-5.6	1.22 H	345	46.03	2.37
3	*5180.00	110.5 PK			1.18 H	348	108.10	2.40
4	*5180.00	100.6 AV			1.18 H	348	98.20	2.40
5	#10360.00	52.6 PK	74.0	-21.4	2.03 H	122	40.43	12.17
6	#10360.00	41.8 AV	54.0	-12.2	2.03 H	122	29.63	12.17
7	15540.00	56.6 PK	74.0	-17.4	2.21 H	128	41.23	15.37
8	15540.00	45.7 AV	54.0	-8.3	2.21 H	128	30.33	15.37
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	70.2 PK	74.0	-3.8	1.97 V	317	67.83	2.37
2	5150.00	52.7 AV	54.0	-1.3	1.97 V	317	50.33	2.37
3	*5180.00	114.5 PK			1.09 V	319	112.10	2.40
4	*5180.00	104.5 AV			1.09 V	319	102.10	2.40
5	#10360.00	51.4 PK	74.0	-22.6	2.45 V	188	39.23	12.17
6	#10360.00	41.2 AV	54.0	-12.8	2.45 V	188	29.03	12.17
7	15540.00	56.5 PK	74.0	-17.5	2.35 V	266	41.13	15.37
8	15540.00	45.5 AV	54.0	-8.5	2.35 V	266	30.13	15.37

REMARKS:

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

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) 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	5120.00	56.5 PK	74.0	-17.5	1.16 H	360	54.15	2.35
2	5120.00	46.1 AV	54.0	-7.9	1.16 H	360	43.75	2.35
3	*5200.00	110.7 PK			1.13 H	360	108.27	2.43
4	*5200.00	100.9 AV			1.13 H	360	98.47	2.43
5	5360.00	53.8 PK	74.0	-20.2	1.13 H	359	51.14	2.66
6	5360.00	43.5 AV	54.0	-10.5	1.13 H	359	40.84	2.66
7	#10400.00	52.6 PK	74.0	-21.4	2.05 H	135	40.29	12.31
8	#10400.00	41.9 AV	54.0	-12.1	2.05 H	135	29.59	12.31
9	15600.00	56.0 PK	74.0	-18.0	2.16 H	124	40.72	15.28
10	15600.00	45.3 AV	54.0	-8.7	2.16 H	124	30.02	15.28
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5120.00	60.3 PK	74.0	-13.7	2.34 V	49	57.95	2.35
2	5120.00	50.2 AV	54.0	-3.8	2.34 V	49	47.85	2.35
3	*5200.00	114.4 PK			2.26 V	44	111.97	2.43
4	*5200.00	104.5 AV			2.26 V	44	102.07	2.43
5	5360.00	57.5 PK	74.0	-16.5	2.31 V	299	54.84	2.66
6	5360.00	47.4 AV	54.0	-6.6	2.31 V	299	44.74	2.66
7	#10400.00	51.8 PK	74.0	-22.2	2.47 V	185	39.49	12.31
8	#10400.00	41.6 AV	54.0	-12.4	2.47 V	185	29.29	12.31
9	15600.00	56.8 PK	74.0	-17.2	2.31 V	269	41.52	15.28
10	15600.00	45.7 AV	54.0	-8.3	2.31 V	269	30.42	15.28

REMARKS:

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	5080.00	55.1 PK	74.0	-18.9	1.21 H	344	52.80	2.30
2	5080.00	45.0 AV	54.0	-9.0	1.21 H	344	42.70	2.30
3	*5240.00	109.9 PK			1.19 H	338	107.40	2.50
4	*5240.00	99.9 AV			1.19 H	338	97.40	2.50
5	5400.00	52.0 PK	74.0	-22.0	1.13 H	348	49.30	2.70
6	5400.00	41.8 AV	54.0	-12.2	1.13 H	348	39.10	2.70
7	#10480.00	52.8 PK	74.0	-21.2	2.01 H	128	40.50	12.30
8	#10480.00	41.8 AV	54.0	-12.2	2.01 H	128	29.50	12.30
9	15720.00	57.0 PK	74.0	-17.0	2.20 H	117	41.94	15.06
10	15720.00	46.1 AV	54.0	-7.9	2.20 H	117	31.04	15.06
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5080.00	59.1 PK	74.0	-14.9	1.06 V	303	56.80	2.30
2	5080.00	48.8 AV	54.0	-5.2	1.06 V	303	46.50	2.30
3	*5240.00	114.5 PK			3.10 V	297	112.00	2.50
4	*5240.00	104.3 AV			3.10 V	297	101.80	2.50
5	5400.00	55.6 PK	74.0	-18.4	1.06 V	317	52.90	2.70
6	5400.00	45.6 AV	54.0	-8.4	1.06 V	317	42.90	2.70
7	#10480.00	51.4 PK	74.0	-22.6	2.44 V	185	39.10	12.30
8	#10480.00	41.1 AV	54.0	-12.9	2.44 V	185	28.80	12.30
9	15720.00	56.1 PK	74.0	-17.9	2.34 V	254	41.04	15.06
10	15720.00	45.1 AV	54.0	-8.9	2.34 V	254	30.04	15.06

REMARKS:

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

CHANNEL	TX Channel 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	60.5 PK	74.0	-13.5	1.17 H	354	57.16	3.34
2	#5715.00	45.1 AV	54.0	-8.9	1.17 H	354	41.76	3.34
3	#5725.00	74.0 PK	78.2	-4.2	1.15 H	340	70.64	3.36
4	*5745.00	105.4 PK			1.22 H	334	102.02	3.38
5	*5745.00	95.5 AV			1.22 H	334	92.12	3.38
6	11490.00	52.3 PK	74.0	-21.7	2.03 H	112	38.79	13.51
7	11490.00	41.6 AV	54.0	-12.4	2.03 H	112	28.09	13.51
8	#17235.00	56.3 PK	74.0	-17.7	2.18 H	133	35.58	20.72
9	#17235.00	45.7 AV	54.0	-8.3	2.18 H	133	24.98	20.72
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	64.5 PK	74.0	-9.5	1.05 V	87	61.16	3.34
2	#5715.00	48.9 AV	54.0	-5.1	1.05 V	87	45.56	3.34
3	#5725.00	77.8 PK	78.2	-0.4	1.14 V	62	74.44	3.36
4	*5745.00	110.0 PK			1.10 V	43	106.62	3.38
5	*5745.00	100.0 AV			1.10 V	43	96.62	3.38
6	11490.00	51.9 PK	74.0	-22.1	2.44 V	190	38.39	13.51
7	11490.00	41.5 AV	54.0	-12.5	2.44 V	190	27.99	13.51
8	#17235.00	56.6 PK	74.0	-17.4	2.35 V	255	35.88	20.72
9	#17235.00	45.5 AV	54.0	-8.5	2.35 V	255	24.78	20.72

REMARKS:

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

CHANNEL	TX Channel 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	#5625.00	56.3 PK	74.0	-17.7	1.14 H	356	53.12	3.18
2	#5625.00	46.4 AV	54.0	-7.6	1.14 H	356	43.22	3.18
3	*5785.00	110.7 PK			1.22 H	337	107.27	3.43
4	*5785.00	100.7 AV			1.22 H	337	97.27	3.43
5	#5945.00	56.0 PK	74.0	-18.0	1.20 H	345	52.34	3.66
6	#5945.00	45.5 AV	54.0	-8.5	1.20 H	345	41.84	3.66
7	11570.00	53.0 PK	74.0	-21.0	2.02 H	108	39.64	13.36
8	11570.00	41.9 AV	54.0	-12.1	2.02 H	108	28.54	13.36
9	#17355.00	56.5 PK	74.0	-17.5	2.23 H	122	35.32	21.18
10	#17355.00	45.5 AV	54.0	-8.5	2.23 H	122	24.32	21.18
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	#5625.00	60.5 PK	74.0	-13.5	2.27 V	292	57.32	3.18
2	#5625.00	50.8 AV	54.0	-3.2	2.27 V	292	47.62	3.18
3	*5785.00	114.4 PK			1.02 V	55	110.97	3.43
4	*5785.00	104.5 AV			1.02 V	55	101.07	3.43
5	#5945.00	59.8 PK	74.0	-14.2	1.07 V	76	56.14	3.66
6	#5945.00	49.4 AV	54.0	-4.6	1.07 V	76	45.74	3.66
7	11570.00	51.9 PK	74.0	-22.1	2.48 V	177	38.54	13.36
8	11570.00	41.5 AV	54.0	-12.5	2.48 V	177	28.14	13.36
9	#17355.00	56.0 PK	74.0	-18.0	2.37 V	252	34.82	21.18
10	#17355.00	45.2 AV	54.0	-8.8	2.37 V	252	24.02	21.18

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 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	110.0 PK			1.24 H	347	106.54	3.46
2	*5825.00	99.6 AV			1.24 H	347	96.14	3.46
3	#5850.00	70.7 PK	78.2	-7.5	1.21 H	336	67.21	3.49
4	#5860.00	66.2 PK	74.0	-7.8	1.12 H	357	62.70	3.50
5	#5860.00	50.0 AV	54.0	-4.0	1.12 H	357	46.50	3.50
6	11650.00	53.1 PK	74.0	-20.9	2.00 H	107	39.84	13.26
7	11650.00	42.0 AV	54.0	-12.0	2.00 H	107	28.74	13.26
8	#17475.00	56.8 PK	74.0	-17.2	2.18 H	128	34.78	22.02
9	#17475.00	45.7 AV	54.0	-8.3	2.18 H	128	23.68	22.02
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	114.0 PK			2.13 V	83	110.54	3.46
2	*5825.00	103.7 AV			2.13 V	83	100.24	3.46
3	#5850.00	74.7 PK	78.2	-3.5	2.02 V	76	71.21	3.49
4	#5860.00	69.9 PK	74.0	-4.1	2.01 V	80	66.40	3.50
5	#5860.00	53.5 AV	54.0	-0.5	2.01 V	80	50.00	3.50
6	11650.00	51.4 PK	74.0	-22.6	2.40 V	185	38.14	13.26
7	11650.00	40.9 AV	54.0	-13.1	2.40 V	185	27.64	13.26
8	#17475.00	56.9 PK	74.0	-17.1	2.38 V	272	34.88	22.02
9	#17475.00	45.6 AV	54.0	-8.4	2.38 V	272	23.58	22.02

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	66.8 PK	74.0	-7.2	1.13 H	346	64.43	2.37
2	5150.00	49.0 AV	54.0	-5.0	1.13 H	346	46.63	2.37
3	*5180.00	107.0 PK			1.23 H	335	104.60	2.40
4	*5180.00	96.7 AV			1.23 H	335	94.30	2.40
5	#10360.00	52.4 PK	74.0	-21.6	1.98 H	110	40.23	12.17
6	#10360.00	41.5 AV	54.0	-12.5	1.98 H	110	29.33	12.17
7	15540.00	56.3 PK	74.0	-17.7	2.20 H	113	40.93	15.37
8	15540.00	45.5 AV	54.0	-8.5	2.20 H	113	30.13	15.37
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	71.3 PK	74.0	-2.7	1.04 V	334	68.93	2.37
2	5150.00	53.5 AV	54.0	-0.5	1.04 V	334	51.13	2.37
3	*5180.00	111.5 PK			1.10 V	293	109.10	2.40
4	*5180.00	101.2 AV			1.10 V	293	98.80	2.40
5	#10360.00	51.3 PK	74.0	-22.7	2.40 V	182	39.13	12.17
6	#10360.00	41.1 AV	54.0	-12.9	2.40 V	182	28.93	12.17
7	15540.00	56.7 PK	74.0	-17.3	2.32 V	264	41.33	15.37
8	15540.00	45.6 AV	54.0	-8.4	2.32 V	264	30.23	15.37

REMARKS:

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

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) 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	5040.00	50.4 PK	74.0	-23.6	1.23 H	347	48.14	2.26
2	5040.00	39.9 AV	54.0	-14.1	1.23 H	347	37.64	2.26
3	*5200.00	109.6 PK			1.22 H	335	107.17	2.43
4	*5200.00	100.1 AV			1.22 H	335	97.67	2.43
5	5360.00	55.8 PK	74.0	-18.2	1.13 H	336	53.14	2.66
6	5360.00	46.0 AV	54.0	-8.0	1.13 H	336	43.34	2.66
7	#10400.00	52.1 PK	74.0	-21.9	2.06 H	130	39.79	12.31
8	#10400.00	41.4 AV	54.0	-12.6	2.06 H	130	29.09	12.31
9	15600.00	56.7 PK	74.0	-17.3	2.18 H	137	41.42	15.28
10	15600.00	46.0 AV	54.0	-8.0	2.18 H	137	30.72	15.28
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5040.00	54.1 PK	74.0	-19.9	1.02 V	299	51.84	2.26
2	5040.00	43.9 AV	54.0	-10.1	1.02 V	299	41.64	2.26
3	*5200.00	113.1 PK			1.12 V	321	110.67	2.43
4	*5200.00	103.8 AV			1.12 V	321	101.37	2.43
5	5360.00	59.7 PK	74.0	-14.3	1.04 V	299	57.04	2.66
6	5360.00	49.7 AV	54.0	-4.3	1.04 V	299	47.04	2.66
7	#10400.00	51.0 PK	74.0	-23.0	2.44 V	186	38.69	12.31
8	#10400.00	41.1 AV	54.0	-12.9	2.44 V	186	28.79	12.31
9	15600.00	56.4 PK	74.0	-17.6	2.39 V	254	41.12	15.28
10	15600.00	45.2 AV	54.0	-8.8	2.39 V	254	29.92	15.28

REMARKS:

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	5080.00	54.8 PK	74.0	-19.2	1.17 H	337	52.50	2.30
2	5080.00	44.7 AV	54.0	-9.3	1.17 H	337	42.40	2.30
3	*5240.00	109.2 PK			1.15 H	360	106.70	2.50
4	*5240.00	99.3 AV			1.15 H	360	96.80	2.50
5	5400.00	54.4 PK	74.0	-19.6	1.22 H	352	51.70	2.70
6	5400.00	44.5 AV	54.0	-9.5	1.22 H	352	41.80	2.70
7	#10480.00	52.5 PK	74.0	-21.5	2.07 H	136	40.20	12.30
8	#10480.00	41.8 AV	54.0	-12.2	2.07 H	136	29.50	12.30
9	15720.00	57.2 PK	74.0	-16.8	2.21 H	115	42.14	15.06
10	15720.00	46.1 AV	54.0	-7.9	2.21 H	115	31.04	15.06
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5080.00	59.0 PK	74.0	-15.0	1.11 V	321	56.70	2.30
2	5080.00	49.0 AV	54.0	-5.0	1.11 V	321	46.70	2.30
3	*5240.00	112.7 PK			1.02 V	294	110.20	2.50
4	*5240.00	103.1 AV			1.02 V	294	100.60	2.50
5	5400.00	58.3 PK	74.0	-15.7	1.03 V	342	55.60	2.70
6	5400.00	48.1 AV	54.0	-5.9	1.03 V	342	45.40	2.70
7	#10480.00	51.6 PK	74.0	-22.4	2.43 V	186	39.30	12.30
8	#10480.00	41.1 AV	54.0	-12.9	2.43 V	186	28.80	12.30
9	15720.00	56.7 PK	74.0	-17.3	2.36 V	278	41.64	15.06
10	15720.00	45.7 AV	54.0	-8.3	2.36 V	278	30.64	15.06

REMARKS:

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

CHANNEL	TX Channel 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	60.6 PK	74.0	-13.4	1.23 H	357	57.26	3.34
2	#5715.00	44.2 AV	54.0	-9.8	1.23 H	357	40.86	3.34
3	#5725.00	73.8 PK	78.2	-4.4	1.15 H	347	70.44	3.36
4	*5745.00	107.6 PK			1.15 H	344	104.22	3.38
5	*5745.00	96.9 AV			1.15 H	344	93.52	3.38
6	11490.00	52.6 PK	74.0	-21.4	1.97 H	127	39.09	13.51
7	11490.00	41.9 AV	54.0	-12.1	1.97 H	127	28.39	13.51
8	#17235.00	56.2 PK	74.0	-17.8	2.19 H	133	35.48	20.72
9	#17235.00	45.6 AV	54.0	-8.4	2.19 H	133	24.88	20.72
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	64.7 PK	74.0	-9.3	1.08 V	317	61.36	3.34
2	#5715.00	48.6 AV	54.0	-5.4	1.08 V	317	45.26	3.34
3	**#5725.00**	**78.1 PK**	**78.2**	**-0.1**	**1.07 V**	**326**	**74.74**	**3.36**
4	*5745.00	111.1 PK			1.01 V	295	107.72	3.38
5	*5745.00	100.4 AV			1.01 V	295	97.02	3.38
6	11490.00	51.4 PK	74.0	-22.6	2.49 V	173	37.89	13.51
7	11490.00	41.2 AV	54.0	-12.8	2.49 V	173	27.69	13.51
8	#17235.00	56.4 PK	74.0	-17.6	2.37 V	278	35.68	20.72
9	#17235.00	45.7 AV	54.0	-8.3	2.37 V	278	24.98	20.72

REMARKS:

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

CHANNEL	TX Channel 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	#5625.00	54.4 PK	74.0	-19.6	1.15 H	349	51.22	3.18
2	#5625.00	44.1 AV	54.0	-9.9	1.15 H	349	40.92	3.18
3	*5785.00	108.7 PK			1.23 H	333	105.27	3.43
4	*5785.00	98.9 AV			1.23 H	333	95.47	3.43
5	#5860.00	53.7 PK	74.0	-20.3	1.23 H	338	50.20	3.50
6	#5860.00	41.2 AV	54.0	-12.8	1.23 H	338	37.70	3.50
7	11570.00	52.5 PK	74.0	-21.5	1.99 H	113	39.14	13.36
8	11570.00	41.6 AV	54.0	-12.4	1.99 H	113	28.24	13.36
9	#17355.00	57.2 PK	74.0	-16.8	2.22 H	139	36.02	21.18
10	#17355.00	46.0 AV	54.0	-8.0	2.22 H	139	24.82	21.18
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	#5625.00	58.6 PK	74.0	-15.4	1.04 V	327	55.42	3.18
2	#5625.00	48.5 AV	54.0	-5.5	1.04 V	327	45.32	3.18
3	*5785.00	113.1 PK			1.90 V	252	109.67	3.43
4	*5785.00	103.4 AV			1.90 V	252	99.97	3.43
5	#5860.00	58.0 PK	74.0	-16.0	1.05 V	291	54.50	3.50
6	#5860.00	45.5 AV	54.0	-8.5	1.05 V	291	42.00	3.50
7	11570.00	51.3 PK	74.0	-22.7	2.42 V	183	37.94	13.36
8	11570.00	41.2 AV	54.0	-12.8	2.42 V	183	27.84	13.36
9	#17355.00	57.2 PK	74.0	-16.8	2.30 V	275	36.02	21.18
10	#17355.00	45.9 AV	54.0	-8.1	2.30 V	275	24.72	21.18

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5590.00	58.4 PK	74.0	-15.6	1.18 H	351	55.30	3.10
2	#5590.00	48.5 AV	54.0	-5.5	1.18 H	351	45.40	3.10
3	#5665.00	55.5 PK	74.0	-18.5	1.23 H	360	52.25	3.25
4	#5665.00	44.7 AV	54.0	-9.3	1.23 H	360	41.45	3.25
5	*5825.00	108.1 PK			1.22 H	345	104.64	3.46
6	*5825.00	98.4 AV			1.22 H	345	94.94	3.46
7	#5850.00	73.4 PK	78.2	-4.8	1.22 H	342	69.91	3.49
8	11650.00	52.2 PK	74.0	-21.8	2.00 H	131	38.94	13.26
9	11650.00	41.7 AV	54.0	-12.3	2.00 H	131	28.44	13.26
10	#17475.00	56.5 PK	74.0	-17.5	2.21 H	125	34.48	22.02
11	#17475.00	45.4 AV	54.0	-8.6	2.21 H	125	23.38	22.02
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	#5590.00	62.5 PK	74.0	-11.5	1.10 V	311	59.40	3.10
2	#5590.00	52.9 AV	54.0	-1.1	1.10 V	311	49.80	3.10
3	#5665.00	59.5 PK	74.0	-14.5	1.10 V	332	56.25	3.25
4	#5665.00	48.7 AV	54.0	-5.3	1.10 V	332	45.45	3.25
5	*5825.00	111.8 PK			1.12 V	321	108.34	3.46
6	*5825.00	102.3 AV			1.12 V	321	98.84	3.46
7	#5850.00	78.0 PK	78.2	-0.2	1.05 V	336	74.51	3.49
8	11650.00	51.3 PK	74.0	-22.7	2.41 V	204	38.04	13.26
9	11650.00	41.2 AV	54.0	-12.8	2.41 V	204	27.94	13.26
10	#17475.00	56.4 PK	74.0	-17.6	2.38 V	275	34.38	22.02
11	#17475.00	45.6 AV	54.0	-8.4	2.38 V	275	23.58	22.02

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	68.6 PK	74.0	-5.4	1.23 H	360	66.23	2.37
2	5150.00	49.3 AV	54.0	-4.7	1.23 H	360	46.93	2.37
3	*5190.00	103.6 PK			1.21 H	360	101.17	2.43
4	*5190.00	93.1 AV			1.21 H	360	90.67	2.43
5	5350.00	55.5 PK	74.0	-18.5	1.23 H	360	52.85	2.65
6	5350.00	46.4 AV	54.0	-7.6	1.23 H	360	43.75	2.65
7	#5766.00	55.7 PK	74.0	-18.3	1.13 H	340	52.30	3.40
8	#5766.00	51.8 AV	54.0	-2.2	1.13 H	340	48.40	3.40
9	#10380.00	53.0 PK	74.0	-21.0	2.06 H	138	40.77	12.23
10	#10380.00	42.1 AV	54.0	-11.9	2.06 H	138	29.87	12.23
11	15570.00	56.6 PK	74.0	-17.4	2.18 H	139	41.27	15.33
12	15570.00	45.7 AV	54.0	-8.3	2.18 H	139	30.37	15.33
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	73.1 PK	74.0	-0.9	1.00 V	338	70.73	2.37
2	5150.00	53.7 AV	54.0	-0.3	1.00 V	338	51.33	2.37
3	*5190.00	107.4 PK			1.02 V	334	104.97	2.43
4	*5190.00	97.2 AV			1.02 V	334	94.77	2.43
5	5350.00	59.3 PK	74.0	-14.7	1.05 V	327	56.65	2.65
6	5350.00	50.3 AV	54.0	-3.7	1.05 V	327	47.65	2.65
7	#5766.00	59.9 PK	74.0	-14.1	1.03 V	337	56.50	3.40
8	#5766.00	53.4 AV	54.0	-0.6	1.03 V	337	50.00	3.40
9	#10380.00	51.3 PK	74.0	-22.7	2.48 V	186	39.07	12.23
10	#10380.00	40.9 AV	54.0	-13.1	2.48 V	186	28.67	12.23
11	15570.00	56.5 PK	74.0	-17.5	2.29 V	250	41.17	15.33
12	15570.00	45.4 AV	54.0	-8.6	2.29 V	250	30.07	15.33

REMARKS:

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	5150.00	63.4 PK	74.0	-10.6	1.17 H	344	61.03	2.37
2	5150.00	49.6 AV	54.0	-4.4	1.17 H	344	47.23	2.37
3	*5230.00	107.6 PK			1.18 H	334	105.12	2.48
4	*5230.00	96.9 AV			1.18 H	334	94.42	2.48
5	5390.00	54.6 PK	74.0	-19.4	1.20 H	342	51.90	2.70
6	5390.00	45.2 AV	54.0	-8.8	1.20 H	342	42.50	2.70
7	#5811.00	51.3 PK	74.0	-22.7	1.16 H	358	47.84	3.46
8	#5811.00	46.1 AV	54.0	-7.9	1.16 H	358	42.64	3.46
9	#10460.00	53.1 PK	74.0	-20.9	1.98 H	130	40.79	12.31
10	#10460.00	42.1 AV	54.0	-11.9	1.98 H	130	29.79	12.31
11	15690.00	56.8 PK	74.0	-17.2	2.18 H	137	41.67	15.13
12	15690.00	46.1 AV	54.0	-7.9	2.18 H	137	30.97	15.13
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	5150.00	67.7 PK	74.0	-6.3	1.01 V	300	65.33	2.37
2	**5150.00**	**53.9 AV**	**54.0**	**-0.1**	**1.01 V**	**300**	**51.53**	**2.37**
3	*5230.00	111.6 PK			1.09 V	325	109.12	2.48
4	*5230.00	101.1 AV			1.09 V	325	98.62	2.48
5	5390.00	58.4 PK	74.0	-15.6	1.03 V	336	55.70	2.70
6	5390.00	48.8 AV	54.0	-5.2	1.03 V	336	46.10	2.70
7	#5811.00	55.9 PK	74.0	-18.1	1.02 V	319	52.44	3.46
8	#5811.00	50.5 AV	54.0	-3.5	1.02 V	319	47.04	3.46
9	#10460.00	51.5 PK	74.0	-22.5	2.51 V	185	39.19	12.31
10	#10460.00	41.0 AV	54.0	-13.0	2.51 V	185	28.69	12.31
11	15690.00	56.6 PK	74.0	-17.4	2.29 V	267	41.47	15.13
12	15690.00	45.7 AV	54.0	-8.3	2.29 V	267	30.57	15.13

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 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	67.9 PK	74.0	-6.1	1.14 H	356	64.56	3.34
2	#5715.00	48.7 AV	54.0	-5.3	1.14 H	356	45.36	3.34
3	#5725.00	73.6 PK	78.2	-4.6	1.20 H	354	70.24	3.36
4	*5755.00	102.7 PK			1.17 H	334	99.31	3.39
5	*5755.00	91.2 AV			1.17 H	334	87.81	3.39
6	11510.00	53.3 PK	74.0	-20.7	2.05 H	133	39.82	13.48
7	11510.00	42.2 AV	54.0	-11.8	2.05 H	133	28.72	13.48
8	#17265.00	56.4 PK	74.0	-17.6	2.24 H	143	35.65	20.75
9	#17265.00	45.7 AV	54.0	-8.3	2.24 H	143	24.95	20.75
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	71.6 PK	74.0	-2.4	1.04 V	222	68.26	3.34
2	#5715.00	52.5 AV	54.0	-1.5	1.04 V	222	49.16	3.34
3	#5725.00	78.0 PK	78.2	-0.2	1.02 V	225	74.64	3.36
4	*5755.00	107.1 PK			1.08 V	106	103.71	3.39
5	*5755.00	95.7 AV			1.08 V	106	92.31	3.39
6	11510.00	51.3 PK	74.0	-22.7	2.42 V	190	37.82	13.48
7	11510.00	41.2 AV	54.0	-12.8	2.42 V	190	27.72	13.48
8	#17265.00	56.3 PK	74.0	-17.7	2.40 V	276	35.55	20.75
9	#17265.00	45.2 AV	54.0	-8.8	2.40 V	276	24.45	20.75

REMARKS:

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	#5635.00	60.4 PK	74.0	-13.6	1.16 H	351	57.21	3.19
2	#5635.00	46.5 AV	54.0	-7.5	1.16 H	351	43.31	3.19
3	*5795.00	106.2 PK			1.15 H	335	102.76	3.44
4	*5795.00	95.2 AV			1.15 H	335	91.76	3.44
5	#5850.00	70.1 PK	78.2	-8.1	1.20 H	360	66.61	3.49
6	#5940.00	54.0 PK	74.0	-20.0	1.17 H	352	50.36	3.64
7	#5940.00	44.3 AV	54.0	-9.7	1.17 H	352	40.66	3.64
8	11590.00	52.5 PK	74.0	-21.5	2.07 H	115	39.19	13.31
9	11590.00	41.4 AV	54.0	-12.6	2.07 H	115	28.09	13.31
10	#17385.00	56.8 PK	74.0	-17.2	2.21 H	113	35.40	21.40
11	#17385.00	45.8 AV	54.0	-8.2	2.21 H	113	24.40	21.40
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5635.00	64.6 PK	74.0	-9.4	1.07 V	105	61.41	3.19
2	#5635.00	50.5 AV	54.0	-3.5	1.07 V	105	47.31	3.19
3	*5795.00	109.8 PK			1.02 V	249	106.36	3.44
4	*5795.00	98.9 AV			1.02 V	249	95.46	3.44
5	#5850.00	74.3 PK	78.2	-3.9	1.09 V	224	70.81	3.49
6	#5940.00	57.8 PK	74.0	-16.2	1.03 V	228	54.16	3.64
7	#5940.00	48.0 AV	54.0	-6.0	1.03 V	228	44.36	3.64
8	11590.00	51.1 PK	74.0	-22.9	2.39 V	175	37.79	13.31
9	11590.00	40.9 AV	54.0	-13.1	2.39 V	175	27.59	13.31
10	#17385.00	56.6 PK	74.0	-17.4	2.37 V	271	35.20	21.40
11	#17385.00	45.4 AV	54.0	-8.6	2.37 V	271	24.00	21.40

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.7 PK	74.0	-6.3	1.20 H	334	65.33	2.37
2	5150.00	49.8 AV	54.0	-4.2	1.20 H	334	47.43	2.37
3	*5210.00	100.2 PK			1.23 H	359	97.75	2.45
4	*5210.00	88.3 AV			1.23 H	359	85.85	2.45
5	#5788.00	52.5 PK	74.0	-21.5	1.17 H	333	49.07	3.43
6	#5788.00	43.2 AV	54.0	-10.8	1.17 H	333	39.77	3.43
7	#10420.00	52.9 PK	74.0	-21.1	2.06 H	127	40.60	12.30
8	#10420.00	42.2 AV	54.0	-11.8	2.06 H	127	29.90	12.30
9	15630.00	56.5 PK	74.0	-17.5	2.27 H	116	41.27	15.23
10	15630.00	45.8 AV	54.0	-8.2	2.27 H	116	30.57	15.23
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	5150.00	71.8 PK	74.0	-2.2	2.05 V	219	69.43	2.37
2	5150.00	53.7 AV	54.0	-0.3	2.05 V	219	51.33	2.37
3	*5210.00	103.7 PK			1.04 V	239	101.25	2.45
4	*5210.00	92.1 AV			1.04 V	239	89.65	2.45
5	#5788.00	56.3 PK	74.0	-17.7	2.06 V	229	52.87	3.43
6	#5788.00	47.2 AV	54.0	-6.8	2.06 V	229	43.77	3.43
7	#10420.00	51.2 PK	74.0	-22.8	2.42 V	192	38.90	12.30
8	#10420.00	41.3 AV	54.0	-12.7	2.42 V	192	29.00	12.30
9	15630.00	55.8 PK	74.0	-18.2	2.35 V	258	40.57	15.23
10	15630.00	45.1 AV	54.0	-8.9	2.35 V	258	29.87	15.23

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 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	70.4 PK	74.0	-3.6	1.14 H	358	67.06	3.34
2	#5715.00	48.4 AV	54.0	-5.6	1.14 H	358	45.06	3.34
3	#5725.00	74.2 PK	78.2	-4.0	1.22 H	344	70.84	3.36
4	*5775.00	101.8 PK			1.22 H	360	98.39	3.41
5	*5775.00	88.8 AV			1.22 H	360	85.39	3.41
6	#5850.00	65.2 PK	78.2	-13.0	1.14 H	349	61.71	3.49
7	#5860.00	66.2 PK	74.0	-7.8	1.16 H	350	62.70	3.50
8	#5860.00	49.8 AV	54.0	-4.2	1.16 H	350	46.30	3.50
9	11550.00	52.7 PK	74.0	-21.3	2.02 H	121	39.31	13.39
10	11550.00	42.2 AV	54.0	-11.8	2.02 H	121	28.81	13.39
11	#17325.00	56.9 PK	74.0	-17.1	2.16 H	136	35.92	20.98
12	#17325.00	45.7 AV	54.0	-8.3	2.16 H	136	24.72	20.98
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	**#5715.00**	**73.9 PK**	**74.0**	**-0.1**	**1.10 V**	**250**	**70.56**	**3.34**
2	#5715.00	52.0 AV	54.0	-2.0	1.10 V	250	48.66	3.34
3	#5725.00	77.8 PK	78.2	-0.4	1.06 V	222	74.44	3.36
4	*5775.00	105.7 PK			1.10 V	217	102.29	3.41
5	*5775.00	92.8 AV			1.10 V	217	89.39	3.41
6	#5850.00	68.7 PK	78.2	-9.5	1.00 V	249	65.21	3.49
7	#5860.00	70.1 PK	74.0	-3.9	1.00 V	237	66.60	3.50
8	#5860.00	53.4 AV	54.0	-0.6	1.00 V	237	49.90	3.50
9	11550.00	51.4 PK	74.0	-22.6	2.46 V	176	38.01	13.39
10	11550.00	41.0 AV	54.0	-13.0	2.46 V	176	27.61	13.39
11	#17325.00	56.2 PK	74.0	-17.8	2.37 V	275	35.22	20.98
12	#17325.00	45.5 AV	54.0	-8.5	2.37 V	275	24.52	20.98

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
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	59.0 PK	74.0	-15.0	1.19 H	349	56.63	2.37
2	5150.00	40.8 AV	54.0	-13.2	1.19 H	349	38.43	2.37
3	*5180.00	100.2 PK			1.17 H	348	97.80	2.40
4	*5180.00	90.4 AV			1.17 H	348	88.00	2.40
5	#10360.00	53.0 PK	74.0	-21.0	1.98 H	132	40.83	12.17
6	#10360.00	42.0 AV	54.0	-12.0	1.98 H	132	29.83	12.17
7	15540.00	56.5 PK	74.0	-17.5	2.16 H	118	41.13	15.37
8	15540.00	45.5 AV	54.0	-8.5	2.16 H	118	30.13	15.37
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	71.8 PK	74.0	-2.2	3.24 V	258	69.43	2.37
2	5150.00	53.5 AV	54.0	-0.5	3.24 V	258	51.13	2.37
3	*5180.00	113.0 PK			2.78 V	40	110.60	2.40
4	*5180.00	103.0 AV			2.78 V	40	100.60	2.40
5	#10360.00	51.2 PK	74.0	-22.8	2.51 V	185	39.03	12.17
6	#10360.00	40.7 AV	54.0	-13.3	2.51 V	185	28.53	12.17
7	15540.00	56.1 PK	74.0	-17.9	2.36 V	279	40.73	15.37
8	15540.00	45.1 AV	54.0	-8.9	2.36 V	279	29.73	15.37

REMARKS:

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

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) 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	5125.00	48.6 PK	74.0	-25.4	1.21 H	340	46.26	2.34
2	5125.00	35.4 AV	54.0	-18.6	1.21 H	340	33.06	2.34
3	*5200.00	100.5 PK			1.21 H	360	98.07	2.43
4	*5200.00	90.6 AV			1.21 H	360	88.17	2.43
5	#10400.00	52.9 PK	74.0	-21.1	2.01 H	118	40.59	12.31
6	#10400.00	42.0 AV	54.0	-12.0	2.01 H	118	29.69	12.31
7	15600.00	56.2 PK	74.0	-17.8	2.16 H	128	40.92	15.28
8	15600.00	45.1 AV	54.0	-8.9	2.16 H	128	29.82	15.28
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5125.00	61.6 PK	74.0	-12.4	2.40 V	49	59.26	2.34
2	5125.00	48.4 AV	54.0	-5.6	2.40 V	49	46.06	2.34
3	*5200.00	113.5 PK			2.60 V	65	111.07	2.43
4	*5200.00	103.6 AV			2.60 V	65	101.17	2.43
5	#10400.00	51.5 PK	74.0	-22.5	2.49 V	188	39.19	12.31
6	#10400.00	41.2 AV	54.0	-12.8	2.49 V	188	28.89	12.31
7	15600.00	56.3 PK	74.0	-17.7	2.40 V	292	41.02	15.28
8	15600.00	45.1 AV	54.0	-8.9	2.40 V	292	29.82	15.28

REMARKS:

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	5080.00	43.3 PK	74.0	-30.7	1.12 H	338	41.00	2.30
2	5080.00	32.6 AV	54.0	-21.4	1.12 H	338	30.30	2.30
3	*5240.00	100.7 PK			1.18 H	333	98.20	2.50
4	*5240.00	90.5 AV			1.18 H	333	88.00	2.50
5	5400.00	45.5 PK	74.0	-28.5	1.20 H	345	42.80	2.70
6	5400.00	34.2 AV	54.0	-19.8	1.20 H	345	31.50	2.70
7	#10480.00	52.6 PK	74.0	-21.4	1.97 H	131	40.30	12.30
8	#10480.00	41.6 AV	54.0	-12.4	1.97 H	131	29.30	12.30
9	15720.00	56.7 PK	74.0	-17.3	2.16 H	123	41.64	15.06
10	15720.00	45.6 AV	54.0	-8.4	2.16 H	123	30.54	15.06
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5080.00	56.5 PK	74.0	-17.5	2.75 V	57	54.20	2.30
2	5080.00	46.0 AV	54.0	-8.0	2.75 V	57	43.70	2.30
3	*5240.00	113.6 PK			2.56 V	49	111.10	2.50
4	*5240.00	103.7 AV			2.56 V	49	101.20	2.50
5	5400.00	58.1 PK	74.0	-15.9	2.52 V	239	55.40	2.70
6	5400.00	46.9 AV	54.0	-7.1	2.52 V	239	44.20	2.70
7	#10480.00	51.1 PK	74.0	-22.9	2.47 V	178	38.80	12.30
8	#10480.00	40.8 AV	54.0	-13.2	2.47 V	178	28.50	12.30
9	15720.00	56.8 PK	74.0	-17.2	2.36 V	296	41.74	15.06
10	15720.00	45.4 AV	54.0	-8.6	2.36 V	296	30.34	15.06

REMARKS:

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

CHANNEL	TX Channel 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	55.9 PK	74.0	-18.1	1.21 H	336	52.56	3.34
2	#5715.00	36.2 AV	54.0	-17.8	1.21 H	336	32.86	3.34
3	#5725.00	64.5 PK	78.2	-13.7	1.16 H	359	61.14	3.36
4	*5745.00	100.8 PK			1.17 H	333	97.42	3.38
5	*5745.00	90.5 AV			1.17 H	333	87.12	3.38
6	11490.00	52.7 PK	74.0	-21.3	1.97 H	115	39.19	13.51
7	11490.00	41.8 AV	54.0	-12.2	1.97 H	115	28.29	13.51
8	#17235.00	55.9 PK	74.0	-18.1	2.12 H	132	35.18	20.72
9	#17235.00	44.8 AV	54.0	-9.2	2.12 H	132	24.08	20.72
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	68.5 PK	74.0	-5.5	2.35 V	132	65.16	3.34
2	#5715.00	48.9 AV	54.0	-5.1	2.35 V	132	45.56	3.34
3	#5725.00	77.4 PK	78.2	-0.8	2.42 V	98	74.04	3.36
4	*5745.00	113.3 PK			2.76 V	94	109.92	3.38
5	*5745.00	103.1 AV			2.76 V	94	99.72	3.38
6	11490.00	51.5 PK	74.0	-22.5	2.47 V	197	37.99	13.51
7	11490.00	41.3 AV	54.0	-12.7	2.47 V	197	27.79	13.51
8	#17235.00	56.1 PK	74.0	-17.9	2.44 V	284	35.38	20.72
9	#17235.00	44.8 AV	54.0	-9.2	2.44 V	284	24.08	20.72

REMARKS:

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

CHANNEL	TX Channel 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	#5625.00	48.5 PK	74.0	-25.5	1.13 H	345	45.32	3.18
2	#5625.00	38.8 AV	54.0	-15.2	1.13 H	345	35.62	3.18
3	#5725.00	48.2 PK	78.2	-30.0	1.22 H	360	44.84	3.36
4	*5785.00	101.3 PK			1.16 H	335	97.87	3.43
5	*5785.00	90.8 AV			1.16 H	335	87.37	3.43
6	#5938.00	47.6 PK	74.0	-26.4	1.21 H	350	43.96	3.64
7	#5938.00	36.6 AV	54.0	-17.4	1.21 H	350	32.96	3.64
8	11570.00	52.2 PK	74.0	-21.8	2.00 H	117	38.84	13.36
9	11570.00	41.5 AV	54.0	-12.5	2.00 H	117	28.14	13.36
10	#17355.00	56.4 PK	74.0	-17.6	2.09 H	135	35.22	21.18
11	#17355.00	45.1 AV	54.0	-8.9	2.09 H	135	23.92	21.18
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	#5625.00	61.5 PK	74.0	-12.5	2.61 V	128	58.32	3.18
2	#5625.00	51.7 AV	54.0	-2.3	2.61 V	128	48.52	3.18
3	#5725.00	61.9 PK	78.2	-16.3	2.58 V	104	58.54	3.36
4	*5785.00	114.6 PK			2.53 V	98	111.17	3.43
5	*5785.00	104.2 AV			2.53 V	98	100.77	3.43
6	#5938.00	60.2 PK	74.0	-13.8	2.50 V	118	56.56	3.64
7	#5938.00	49.1 AV	54.0	-4.9	2.50 V	118	45.46	3.64
8	11570.00	51.1 PK	74.0	-22.9	2.48 V	183	37.74	13.36
9	11570.00	40.9 AV	54.0	-13.1	2.48 V	183	27.54	13.36
10	#17355.00	56.7 PK	74.0	-17.3	2.45 V	312	35.52	21.18
11	#17355.00	45.8 AV	54.0	-8.2	2.45 V	312	24.62	21.18

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 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	102.1 PK			1.23 H	353	98.64	3.46
2	*5825.00	92.1 AV			1.23 H	353	88.64	3.46
3	#5850.00	64.7 PK	78.2	-13.5	1.19 H	359	61.21	3.49
4	#5860.00	53.6 PK	74.0	-20.4	1.14 H	332	50.10	3.50
5	#5860.00	36.4 AV	54.0	-17.6	1.14 H	332	32.90	3.50
6	11650.00	53.3 PK	74.0	-20.7	2.03 H	124	40.04	13.26
7	11650.00	42.4 AV	54.0	-11.6	2.03 H	124	29.14	13.26
8	#17475.00	56.1 PK	74.0	-17.9	2.10 H	114	34.08	22.02
9	#17475.00	44.7 AV	54.0	-9.3	2.10 H	114	22.68	22.02
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	115.4 PK			2.67 V	96	111.94	3.46
2	*5825.00	105.2 AV			2.67 V	96	101.74	3.46
3	#5850.00	77.2 PK	78.2	-1.0	2.53 V	108	73.71	3.49
4	#5860.00	67.2 PK	74.0	-6.8	2.50 V	111	63.70	3.50
5	#5860.00	49.7 AV	54.0	-4.3	2.50 V	111	46.20	3.50
6	11650.00	51.3 PK	74.0	-22.7	2.49 V	187	38.04	13.26
7	11650.00	41.2 AV	54.0	-12.8	2.49 V	187	27.94	13.26
8	#17475.00	56.6 PK	74.0	-17.4	2.35 V	299	34.58	22.02
9	#17475.00	45.5 AV	54.0	-8.5	2.35 V	299	23.48	22.02

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	58.4 PK	74.0	-15.6	1.16 H	358	56.03	2.37
2	5150.00	40.1 AV	54.0	-13.9	1.16 H	358	37.73	2.37
3	*5180.00	100.0 PK			1.12 H	360	97.60	2.40
4	*5180.00	90.3 AV			1.12 H	360	87.90	2.40
5	#10360.00	52.8 PK	74.0	-21.2	2.04 H	123	40.63	12.17
6	#10360.00	41.7 AV	54.0	-12.3	2.04 H	123	29.53	12.17
7	15540.00	56.0 PK	74.0	-18.0	2.17 H	144	40.63	15.37
8	15540.00	45.1 AV	54.0	-8.9	2.17 H	144	29.73	15.37
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	71.6 PK	74.0	-2.4	2.69 V	120	69.23	2.37
2	5150.00	53.5 AV	54.0	-0.5	2.69 V	120	51.13	2.37
3	*5180.00	112.7 PK			2.71 V	121	110.30	2.40
4	*5180.00	102.9 AV			2.71 V	121	100.50	2.40
5	#10360.00	51.0 PK	74.0	-23.0	2.49 V	179	38.83	12.17
6	#10360.00	40.7 AV	54.0	-13.3	2.49 V	179	28.53	12.17
7	15540.00	56.2 PK	74.0	-17.8	2.40 V	303	40.83	15.37
8	15540.00	44.8 AV	54.0	-9.2	2.40 V	303	29.43	15.37

REMARKS:

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

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) 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	44.1 PK	74.0	-29.9	1.20 H	341	41.73	2.37
2	5150.00	39.6 AV	54.0	-14.4	1.20 H	341	37.23	2.37
3	*5200.00	100.3 PK			1.20 H	343	97.87	2.43
4	*5200.00	90.2 AV			1.20 H	343	87.77	2.43
5	5350.00	43.5 PK	74.0	-30.5	1.22 H	342	40.85	2.65
6	5350.00	34.0 AV	54.0	-20.0	1.22 H	342	31.35	2.65
7	#10400.00	53.0 PK	74.0	-21.0	2.03 H	118	40.69	12.31
8	#10400.00	42.2 AV	54.0	-11.8	2.03 H	118	29.89	12.31
9	15600.00	56.9 PK	74.0	-17.1	2.16 H	134	41.62	15.28
10	15600.00	45.6 AV	54.0	-8.4	2.16 H	134	30.32	15.28
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	2.66 V	86	54.73	2.37
2	5150.00	42.7 AV	54.0	-11.3	2.66 V	86	40.33	2.37
3	*5200.00	113.4 PK			2.67 V	124	110.97	2.43
4	*5200.00	103.4 AV			2.67 V	124	100.97	2.43
5	5350.00	57.0 PK	74.0	-17.0	2.61 V	93	54.35	2.65
6	5350.00	47.4 AV	54.0	-6.6	2.61 V	93	44.75	2.65
7	#10400.00	52.0 PK	74.0	-22.0	2.48 V	195	39.69	12.31
8	#10400.00	41.4 AV	54.0	-12.6	2.48 V	195	29.09	12.31
9	15600.00	55.9 PK	74.0	-18.1	2.42 V	288	40.62	15.28
10	15600.00	45.0 AV	54.0	-9.0	2.42 V	288	29.72	15.28

REMARKS:

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	5080.00	41.4 PK	74.0	-32.6	1.13 H	346	39.10	2.30
2	5080.00	32.4 AV	54.0	-21.6	1.13 H	346	30.10	2.30
3	*5240.00	100.2 PK			1.12 H	339	97.70	2.50
4	*5240.00	90.3 AV			1.12 H	339	87.80	2.50
5	5400.00	44.4 PK	74.0	-29.6	1.20 H	346	41.70	2.70
6	5400.00	34.7 AV	54.0	-19.3	1.20 H	346	32.00	2.70
7	#10480.00	52.7 PK	74.0	-21.3	1.98 H	125	40.40	12.30
8	#10480.00	41.8 AV	54.0	-12.2	1.98 H	125	29.50	12.30
9	15720.00	56.1 PK	74.0	-17.9	2.10 H	138	41.04	15.06
10	15720.00	44.9 AV	54.0	-9.1	2.10 H	138	29.84	15.06
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5080.00	54.6 PK	74.0	-19.4	2.92 V	103	52.30	2.30
2	5080.00	45.7 AV	54.0	-8.3	2.92 V	103	43.40	2.30
3	*5240.00	113.5 PK			2.65 V	130	111.00	2.50
4	*5240.00	103.7 AV			2.65 V	130	101.20	2.50
5	5400.00	57.2 PK	74.0	-16.8	2.80 V	98	54.50	2.70
6	5400.00	47.5 AV	54.0	-6.5	2.80 V	98	44.80	2.70
7	#10480.00	51.8 PK	74.0	-22.2	2.46 V	200	39.50	12.30
8	#10480.00	41.4 AV	54.0	-12.6	2.46 V	200	29.10	12.30
9	15720.00	56.8 PK	74.0	-17.2	2.44 V	308	41.74	15.06
10	15720.00	45.4 AV	54.0	-8.6	2.44 V	308	30.34	15.06

REMARKS:

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

CHANNEL	TX Channel 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	49.1 PK	74.0	-24.9	1.21 H	348	45.76	3.34
2	#5715.00	35.4 AV	54.0	-18.6	1.21 H	348	32.06	3.34
3	#5725.00	64.1 PK	78.2	-14.1	1.20 H	334	60.74	3.36
4	*5745.00	97.9 PK			1.13 H	337	94.52	3.38
5	*5745.00	88.0 AV			1.13 H	337	84.62	3.38
6	11490.00	52.4 PK	74.0	-21.6	1.98 H	128	38.89	13.51
7	11490.00	41.8 AV	54.0	-12.2	1.98 H	128	28.29	13.51
8	#17235.00	56.5 PK	74.0	-17.5	2.22 H	128	35.78	20.72
9	#17235.00	45.4 AV	54.0	-8.6	2.22 H	128	24.68	20.72
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	61.6 PK	74.0	-12.4	2.53 V	272	58.26	3.34
2	#5715.00	48.1 AV	54.0	-5.9	2.53 V	272	44.76	3.34
3	#5725.00	77.2 PK	78.2	-1.0	2.56 V	326	73.84	3.36
4	*5745.00	111.1 PK			2.57 V	229	107.72	3.38
5	*5745.00	101.0 AV			2.57 V	229	97.62	3.38
6	11490.00	51.1 PK	74.0	-22.9	2.51 V	177	37.59	13.51
7	11490.00	41.0 AV	54.0	-13.0	2.51 V	177	27.49	13.51
8	#17235.00	56.2 PK	74.0	-17.8	2.38 V	290	35.48	20.72
9	#17235.00	45.0 AV	54.0	-9.0	2.38 V	290	24.28	20.72

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5625.00	44.8 PK	74.0	-29.2	1.17 H	356	41.62	3.18
2	#5625.00	33.6 AV	54.0	-20.4	1.17 H	356	30.42	3.18
3	*5785.00	101.5 PK			1.22 H	360	98.07	3.43
4	*5785.00	91.4 AV			1.22 H	360	87.97	3.43
5	#5860.00	43.9 PK	74.0	-30.1	1.20 H	343	40.40	3.50
6	#5860.00	32.1 AV	54.0	-21.9	1.20 H	343	28.60	3.50
7	11570.00	52.3 PK	74.0	-21.7	1.98 H	131	38.94	13.36
8	11570.00	41.7 AV	54.0	-12.3	1.98 H	131	28.34	13.36
9	#17355.00	56.5 PK	74.0	-17.5	2.19 H	121	35.32	21.18
10	#17355.00	45.1 AV	54.0	-8.9	2.19 H	121	23.92	21.18
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	#5625.00	58.2 PK	74.0	-15.8	2.53 V	238	55.02	3.18
2	#5625.00	47.0 AV	54.0	-7.0	2.53 V	238	43.82	3.18
3	*5785.00	114.9 PK			2.37 V	221	111.47	3.43
4	*5785.00	104.6 AV			2.37 V	221	101.17	3.43
5	#5860.00	56.9 PK	74.0	-17.1	2.66 V	348	53.40	3.50
6	#5860.00	45.3 AV	54.0	-8.7	2.66 V	348	41.80	3.50
7	11570.00	51.7 PK	74.0	-22.3	2.53 V	174	38.34	13.36
8	11570.00	41.2 AV	54.0	-12.8	2.53 V	174	27.84	13.36
9	#17355.00	57.0 PK	74.0	-17.0	2.40 V	296	35.82	21.18
10	#17355.00	45.5 AV	54.0	-8.5	2.40 V	296	24.32	21.18

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 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	#5590.00	49.1 PK	74.0	-24.9	1.21 H	338	46.00	3.10
2	#5590.00	39.1 AV	54.0	-14.9	1.21 H	338	36.00	3.10
3	*5825.00	100.6 PK			1.22 H	350	97.14	3.46
4	*5825.00	90.3 AV			1.22 H	350	86.84	3.46
5	#5850.00	64.1 PK	78.2	-14.1	1.12 H	360	60.61	3.49
6	11650.00	53.6 PK	74.0	-20.4	2.00 H	121	40.34	13.26
7	11650.00	42.5 AV	54.0	-11.5	2.00 H	121	29.24	13.26
8	#17475.00	55.8 PK	74.0	-18.2	2.12 H	119	33.78	22.02
9	#17475.00	44.6 AV	54.0	-9.4	2.12 H	119	22.58	22.02
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	#5590.00	61.7 PK	74.0	-12.3	2.50 V	350	58.60	3.10
2	#5590.00	51.8 AV	54.0	-2.2	2.50 V	350	48.70	3.10
3	*5825.00	113.8 PK			2.44 V	236	110.34	3.46
4	*5825.00	103.5 AV			2.44 V	236	100.04	3.46
5	#5850.00	77.3 PK	78.2	-0.9	2.44 V	276	73.81	3.49
6	11650.00	51.4 PK	74.0	-22.6	2.53 V	175	38.14	13.26
7	11650.00	41.0 AV	54.0	-13.0	2.53 V	175	27.74	13.26
8	#17475.00	56.4 PK	74.0	-17.6	2.39 V	283	34.38	22.02
9	#17475.00	45.5 AV	54.0	-8.5	2.39 V	283	23.48	22.02

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	60.2 PK	74.0	-13.8	1.14 H	338	57.83	2.37
2	5150.00	40.0 AV	54.0	-14.0	1.14 H	338	37.63	2.37
3	*5190.00	95.6 PK			1.14 H	336	93.17	2.43
4	*5190.00	84.8 AV			1.14 H	336	82.37	2.43
5	#10380.00	52.8 PK	74.0	-21.2	2.01 H	123	40.57	12.23
6	#10380.00	41.6 AV	54.0	-12.4	2.01 H	123	29.37	12.23
7	15570.00	56.1 PK	74.0	-17.9	2.14 H	128	40.77	15.33
8	15570.00	44.7 AV	54.0	-9.3	2.14 H	128	29.37	15.33
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	73.1 PK	74.0	-0.9	2.34 V	197	70.73	2.37
2	5150.00	53.2 AV	54.0	-0.8	2.34 V	197	50.83	2.37
3	*5190.00	108.4 PK			2.63 V	213	105.97	2.43
4	*5190.00	97.9 AV			2.63 V	213	95.47	2.43
5	#10380.00	51.5 PK	74.0	-22.5	2.46 V	194	39.27	12.23
6	#10380.00	41.2 AV	54.0	-12.8	2.46 V	194	28.97	12.23
7	15570.00	55.7 PK	74.0	-18.3	2.43 V	288	40.37	15.33
8	15570.00	44.8 AV	54.0	-9.2	2.43 V	288	29.47	15.33

REMARKS:

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	5150.00	49.9 PK	74.0	-24.1	1.16 H	333	47.53	2.37
2	5150.00	35.7 AV	54.0	-18.3	1.16 H	333	33.33	2.37
3	*5230.00	97.0 PK			1.17 H	334	94.52	2.48
4	*5230.00	87.7 AV			1.17 H	334	85.22	2.48
5	5390.00	45.1 PK	74.0	-28.9	1.16 H	343	42.40	2.70
6	5390.00	35.3 AV	54.0	-18.7	1.16 H	343	32.60	2.70
7	#10460.00	53.5 PK	74.0	-20.5	2.06 H	107	41.19	12.31
8	#10460.00	42.3 AV	54.0	-11.7	2.06 H	107	29.99	12.31
9	15690.00	56.3 PK	74.0	-17.7	2.10 H	117	41.17	15.13
10	15690.00	45.3 AV	54.0	-8.7	2.10 H	117	30.17	15.13
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	5150.00	62.5 PK	74.0	-11.5	2.84 V	241	60.13	2.37
2	5150.00	48.2 AV	54.0	-5.8	2.84 V	241	45.83	2.37
3	*5230.00	110.1 PK			2.88 V	236	107.62	2.48
4	*5230.00	101.0 AV			2.88 V	236	98.52	2.48
5	5390.00	57.7 PK	74.0	-16.3	2.75 V	233	55.00	2.70
6	5390.00	48.2 AV	54.0	-5.8	2.75 V	233	45.50	2.70
7	#10460.00	51.6 PK	74.0	-22.4	2.51 V	175	39.29	12.31
8	#10460.00	41.2 AV	54.0	-12.8	2.51 V	175	28.89	12.31
9	15690.00	55.8 PK	74.0	-18.2	2.40 V	291	40.67	15.13
10	15690.00	44.8 AV	54.0	-9.2	2.40 V	291	29.67	15.13

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 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	56.2 PK	74.0	-17.8	1.21 H	351	52.86	3.34
2	#5715.00	36.7 AV	54.0	-17.3	1.21 H	351	33.36	3.34
3	#5725.00	64.9 PK	78.2	-13.3	1.13 H	354	61.54	3.36
4	*5755.00	96.3 PK			1.18 H	359	92.91	3.39
5	*5755.00	85.2 AV			1.18 H	359	81.81	3.39
6	11510.00	52.7 PK	74.0	-21.3	1.98 H	116	39.22	13.48
7	11510.00	41.7 AV	54.0	-12.3	1.98 H	116	28.22	13.48
8	#17265.00	56.7 PK	74.0	-17.3	2.18 H	118	35.95	20.75
9	#17265.00	45.5 AV	54.0	-8.5	2.18 H	118	24.75	20.75
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	69.5 PK	74.0	-4.5	2.41 V	258	66.16	3.34
2	#5715.00	49.7 AV	54.0	-4.3	2.41 V	258	46.36	3.34
3	**#5725.00**	**78.1 PK**	**78.2**	**-0.1**	**2.28 V**	**280**	**74.74**	**3.36**
4	*5755.00	108.6 PK			2.51 V	276	105.21	3.39
5	*5755.00	97.7 AV			2.51 V	276	94.31	3.39
6	11510.00	50.8 PK	74.0	-23.2	2.49 V	180	37.32	13.48
7	11510.00	40.8 AV	54.0	-13.2	2.49 V	180	27.32	13.48
8	#17265.00	56.7 PK	74.0	-17.3	2.44 V	277	35.95	20.75
9	#17265.00	45.5 AV	54.0	-8.5	2.44 V	277	24.75	20.75

REMARKS:

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

CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5640.00	54.1 PK	74.0	-19.9	1.16 H	336	50.89	3.21
2	#5640.00	39.0 AV	54.0	-15.0	1.16 H	336	35.79	3.21
3	*5795.00	98.5 PK			1.12 H	332	95.06	3.44
4	*5795.00	85.8 AV			1.12 H	332	82.36	3.44
5	#5850.00	58.4 PK	78.2	-19.8	1.17 H	343	54.91	3.49
6	#5940.00	53.1 PK	74.0	-20.9	1.15 H	344	49.46	3.64
7	#5940.00	35.0 AV	54.0	-19.0	1.15 H	344	31.36	3.64
8	11590.00	52.6 PK	74.0	-21.4	2.03 H	122	39.29	13.31
9	11590.00	41.6 AV	54.0	-12.4	2.03 H	122	28.29	13.31
10	#17385.00	55.9 PK	74.0	-18.1	2.14 H	120	34.50	21.40
11	#17385.00	44.7 AV	54.0	-9.3	2.14 H	120	23.30	21.40
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5640.00	66.5 PK	74.0	-7.5	2.34 V	277	63.29	3.21
2	#5640.00	51.6 AV	54.0	-2.4	2.34 V	277	48.39	3.21
3	*5795.00	111.5 PK			2.32 V	297	108.06	3.44
4	*5795.00	99.1 AV			2.32 V	297	95.66	3.44
5	#5850.00	71.7 PK	78.2	-6.5	2.45 V	310	68.21	3.49
6	#5940.00	66.4 PK	74.0	-7.6	2.42 V	285	62.76	3.64
7	#5940.00	48.3 AV	54.0	-5.7	2.42 V	285	44.66	3.64
8	11590.00	52.0 PK	74.0	-22.0	2.43 V	196	38.69	13.31
9	11590.00	41.5 AV	54.0	-12.5	2.43 V	196	28.19	13.31
10	#17385.00	56.9 PK	74.0	-17.1	2.39 V	289	35.50	21.40
11	#17385.00	45.5 AV	54.0	-8.5	2.39 V	289	24.10	21.40

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – 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	56.5 PK	74.0	-17.5	1.21 H	360	54.13	2.37
2	5150.00	40.1 AV	54.0	-13.9	1.21 H	360	37.73	2.37
3	*5210.00	91.6 PK			1.20 H	332	89.15	2.45
4	*5210.00	79.6 AV			1.20 H	332	77.15	2.45
5	5350.00	45.9 PK	74.0	-28.1	1.11 H	333	43.25	2.65
6	5350.00	34.2 AV	54.0	-19.8	1.11 H	333	31.55	2.65
7	#10420.00	52.5 PK	74.0	-21.5	1.97 H	105	40.20	12.30
8	#10420.00	41.8 AV	54.0	-12.2	1.97 H	105	29.50	12.30
9	15630.00	55.8 PK	74.0	-18.2	2.14 H	134	40.57	15.23
10	15630.00	44.7 AV	54.0	-9.3	2.14 H	134	29.47	15.23
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	5150.00	69.9 PK	74.0	-4.1	2.69 V	262	67.53	2.37
2	5150.00	53.5 AV	54.0	-0.5	2.69 V	262	51.13	2.37
3	*5210.00	104.7 PK			2.76 V	269	102.25	2.45
4	*5210.00	93.0 AV			2.76 V	269	90.55	2.45
5	5350.00	58.7 PK	74.0	-15.3	2.60 V	255	56.05	2.65
6	5350.00	46.9 AV	54.0	-7.1	2.60 V	255	44.25	2.65
7	#10420.00	51.2 PK	74.0	-22.8	2.53 V	185	38.90	12.30
8	#10420.00	41.1 AV	54.0	-12.9	2.53 V	185	28.80	12.30
9	15630.00	56.2 PK	74.0	-17.8	2.44 V	279	40.97	15.23
10	15630.00	45.2 AV	54.0	-8.8	2.44 V	279	29.97	15.23

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 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	58.4 PK	74.0	-15.6	1.14 H	360	55.06	3.34
2	#5715.00	40.2 AV	54.0	-13.8	1.14 H	360	36.86	3.34
3	#5725.00	63.6 PK	78.2	-14.6	1.20 H	348	60.24	3.36
4	*5775.00	91.9 PK			1.16 H	346	88.49	3.41
5	*5775.00	80.4 AV			1.16 H	346	76.99	3.41
6	#5850.00	56.4 PK	78.2	-21.8	1.15 H	358	52.91	3.49
7	#5860.00	52.7 PK	74.0	-21.3	1.17 H	352	49.20	3.50
8	#5860.00	36.7 AV	54.0	-17.3	1.17 H	352	33.20	3.50
9	11550.00	52.9 PK	74.0	-21.1	2.03 H	110	39.51	13.39
10	11550.00	41.8 AV	54.0	-12.2	2.03 H	110	28.41	13.39
11	#17325.00	55.7 PK	74.0	-18.3	2.21 H	122	34.72	20.98
12	#17325.00	44.8 AV	54.0	-9.2	2.21 H	122	23.82	20.98
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	71.6 PK	74.0	-2.4	2.56 V	271	68.26	3.34
2	#5715.00	53.4 AV	54.0	-0.6	2.56 V	271	50.06	3.34
3	#5725.00	76.4 PK	78.2	-1.8	2.46 V	292	73.04	3.36
4	*5775.00	105.5 PK			2.56 V	287	102.09	3.41
5	*5775.00	93.2 AV			2.56 V	287	89.79	3.41
6	#5850.00	69.3 PK	78.2	-8.9	2.50 V	276	65.81	3.49
7	#5860.00	65.4 PK	74.0	-8.6	2.47 V	292	61.90	3.50
8	#5860.00	49.5 AV	54.0	-4.5	2.47 V	292	46.00	3.50
9	11550.00	52.3 PK	74.0	-21.7	2.52 V	185	38.91	13.39
10	11550.00	41.7 AV	54.0	-12.3	2.52 V	185	28.31	13.39
11	#17325.00	56.1 PK	74.0	-17.9	2.38 V	293	35.12	20.98
12	#17325.00	44.7 AV	54.0	-9.3	2.38 V	293	23.72	20.98

REMARKS:

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

BELOW 1GHz WORST-CASE DATA

802.11a

ANT7, ANT8, ANT9 / ANT5, ANT6, ANT8

CHANNEL	TX Channel 157	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	39.51	33.9 QP	40.0	-6.2	1.00 H	332	49.64	-15.79
2	89.27	35.3 QP	43.5	-8.2	2.00 H	57	56.26	-20.95
3	147.49	35.4 QP	43.5	-8.1	2.00 H	61	50.65	-15.24
4	238.99	39.5 QP	46.0	-6.5	1.50 H	61	56.18	-16.64
5	400.01	39.6 QP	46.0	-6.4	1.00 H	29	51.41	-11.78
6	1000.00	35.4 QP	54.0	-18.6	1.50 H	326	36.38	-0.99
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	38.83	34.7 QP	40.0	-5.3	1.00 V	240	50.58	-15.84
2	73.99	34.8 QP	40.0	-5.2	1.50 V	292	53.49	-18.68
3	106.73	39.3 QP	43.5	-4.2	1.00 V	261	57.71	-18.42
4	141.23	33.1 QP	43.5	-10.4	1.00 V	178	48.50	-15.39
5	400.01	39.4 QP	46.0	-6.6	1.50 V	57	51.19	-11.78
6	1000.00	36.3 QP	54.0	-17.7	1.50 V	192	37.26	-0.99

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

4.1.9 Test Results (Mode 3)

BELOW 1GHz WORST-CASE DATA

802.11a

ANT7, ANT8, ANT9 / ANT5, ANT6, ANT8

CHANNEL	TX Channel 157	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	39.24	33.7 QP	40.0	-6.3	1.24 H	301	49.53	-15.81
2	88.72	34.8 QP	43.5	-8.7	1.45 H	124	55.80	-20.99
3	148.12	32.9 QP	43.5	-10.7	1.24 H	100	48.07	-15.22
4	300.24	33.7 QP	46.0	-12.3	1.24 H	120	47.86	-14.19
5	599.81	39.7 QP	46.0	-6.3	1.24 H	200	46.45	-6.78
6	999.70	33.4 QP	54.0	-20.6	1.47 H	100	34.41	-0.99
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	30.21	34.1 QP	40.0	-5.9	1.24 V	100	50.61	-16.50
2	74.34	35.4 QP	40.0	-4.6	1.24 V	201	54.19	-18.77
3	106.61	37.2 QP	43.5	-6.3	1.75 V	80	55.67	-18.43
4	146.42	31.9 QP	43.5	-11.6	1.74 V	84	47.21	-15.30
5	249.94	26.2 QP	46.0	-19.8	1.54 V	100	42.35	-16.14
6	300.24	32.6 QP	46.0	-13.4	1.99 V	69	46.80	-14.19

REMARKS:

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

4.1.10 Test Results (Mode 4)

BELOW 1GHz WORST-CASE DATA

802.11a

ANT7, ANT8, ANT9 / ANT5, ANT6, ANT8

CHANNEL	TX Channel 157	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	39.12	33.5 QP	40.0	-6.6	1.42 H	24	49.27	-15.82
2	89.82	35.6 QP	43.5	-7.9	1.24 H	98	56.56	-20.94
3	147.21	35.1 QP	43.5	-8.4	1.63 H	63	50.36	-15.26
4	238.71	39.2 QP	46.0	-6.8	1.42 H	63	55.89	-16.65
5	400.12	39.2 QP	46.0	-6.8	1.87 H	48	50.99	-11.78
6	997.50	35.0 QP	54.0	-19.0	1.69 H	96	36.04	-1.02
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	38.52	34.2 QP	40.0	-5.8	1.24 V	44	50.11	-15.87
2	73.71	34.5 QP	40.0	-5.5	1.42 V	34	53.11	-18.59
3	106.51	39.4 QP	43.5	-4.1	1.34 V	91	57.86	-18.44
4	141.96	33.7 QP	43.5	-9.8	1.78 V	57	49.10	-15.41
5	400.79	39.2 QP	46.0	-6.8	1.68 V	124	51.00	-11.76
6	996.70	37.0 QP	54.0	-17.0	1.45 V	111	38.01	-1.05

REMARKS:

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

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) SCHWARZBECK	NSLK-8127	8127-522	Sep. 01, 2015	Aug. 31, 2016
Line-Impedance Stabilization Network (for Peripheral) R&S	ENV216	100072	June 11, 2015	June 10, 2016
RF Cable	5D-FB	COCCAB-001	Mar. 09, 2015	Mar. 08, 2016
50 ohms Terminator	N/A	EMC-03	Sep. 23, 2015	Sep. 22, 2016
50 ohms Terminator	N/A	EMC-02	Oct. 01, 2015	Sep. 30, 2016
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: Dec. 15, 2015 to Mar. 11, 2016

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.

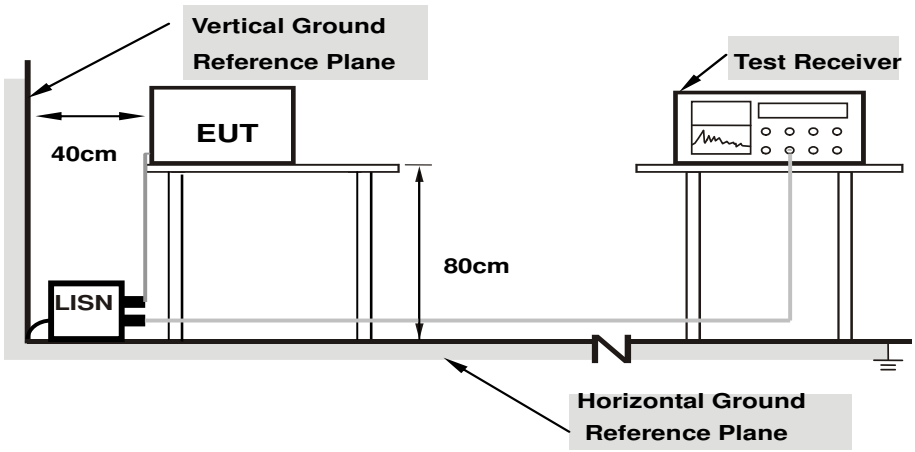
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

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.

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.

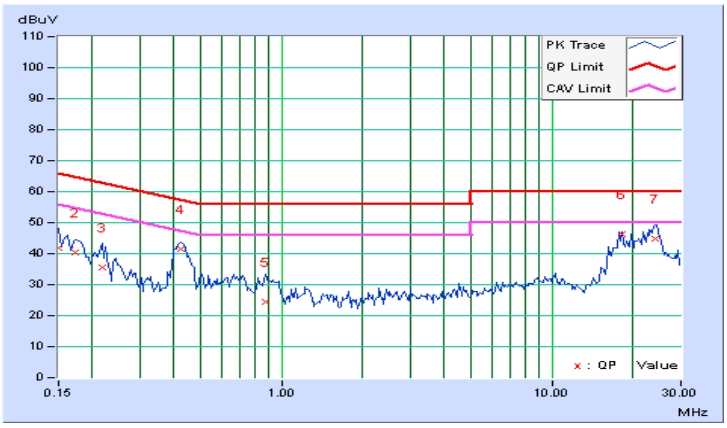
4.2.7 Test Results (Mode 1)

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

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	10.26	31.61	18.27	41.87	28.53	66.00	56.00	-24.13	-27.47
2	0.17344	10.24	30.25	18.63	40.49	28.87	64.79	54.79	-24.30	-25.92
3	0.21641	10.22	25.43	17.51	35.65	27.73	62.96	52.96	-27.30	-25.22
4	0.42344	10.24	31.13	24.30	41.37	34.54	57.38	47.38	-16.01	-12.84
5	0.86875	10.19	14.08	5.80	24.27	15.99	56.00	46.00	-31.73	-30.01
6	18.24219	10.87	35.50	33.28	46.37	44.15	60.00	50.00	-13.63	-5.85
7	23.98828	10.97	33.89	29.04	44.86	40.01	60.00	50.00	-15.14	-9.99

REMARKS:

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

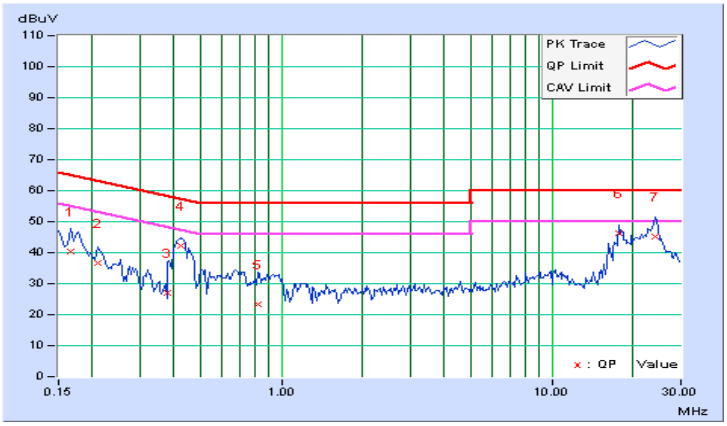


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16562	10.23	30.00	9.97	40.23	20.20	65.18	55.18	-24.95	-34.98
2	0.20859	10.20	26.39	16.17	36.59	26.37	63.26	53.26	-26.67	-26.89
3	0.38047	10.22	16.95	1.77	27.17	11.99	58.27	48.27	-31.10	-36.28
4	0.42344	10.22	32.16	27.05	42.38	37.27	57.38	47.38	-15.00	-10.11
5	0.81406	10.18	13.26	3.69	23.44	13.87	56.00	46.00	-32.56	-32.13
6	**17.69316**	**10.88**	**35.46**	**35.35**	**46.34**	**46.23**	**60.00**	**50.00**	**-13.66**	**-3.77**
7	24.25391	10.99	34.25	29.52	45.24	40.51	60.00	50.00	-14.76	-9.49

REMARKS:

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



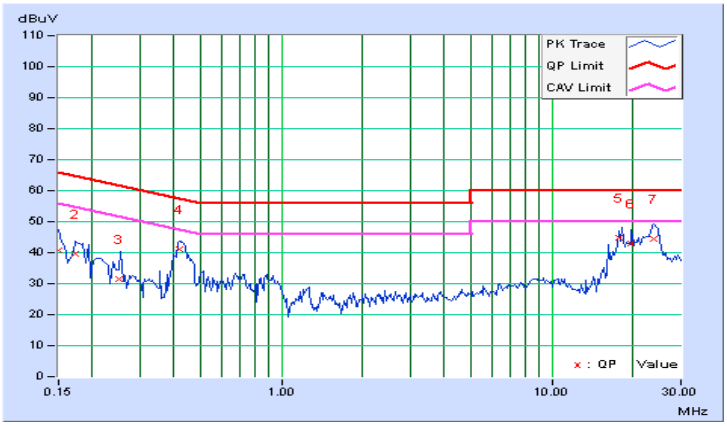
4.2.8 Test Results (Mode 2)

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

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	10.26	30.58	17.18	40.84	27.44	66.00	56.00	-25.16	-28.56
2	0.17344	10.24	29.50	17.89	39.74	28.13	64.79	54.79	-25.05	-26.66
3	0.24984	10.22	21.31	14.64	31.53	24.86	61.76	51.76	-30.23	-26.90
4	0.41953	10.24	30.91	24.63	41.15	34.87	57.46	47.46	-16.31	-12.59
5	17.69531	10.85	33.85	32.18	44.70	43.03	60.00	50.00	-15.30	-6.97
6	19.71094	10.91	31.99	29.81	42.90	40.72	60.00	50.00	-17.10	-9.28
7	23.89453	10.97	33.61	28.80	44.58	39.77	60.00	50.00	-15.42	-10.23

REMARKS:

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

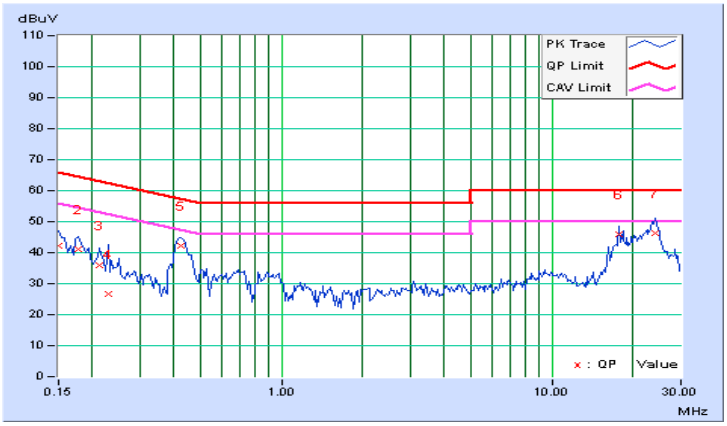


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	10.24	31.91	19.07	42.15	29.31	66.00	56.00	-23.85	-26.69
2	0.17734	10.22	30.96	22.75	41.18	32.97	64.61	54.61	-23.43	-21.64
3	0.21313	10.20	25.85	19.29	36.05	29.49	63.08	53.08	-27.03	-23.59
4	0.22812	10.20	16.36	0.76	26.56	10.96	62.52	52.52	-35.96	-41.56
5	0.42344	10.22	31.97	26.84	42.19	37.06	57.38	47.38	-15.19	-10.32
6	17.69391	10.88	35.21	33.71	46.09	44.59	60.00	50.00	-13.91	-5.41
7	24.04297	10.99	35.16	30.17	46.15	41.16	60.00	50.00	-13.85	-8.84

REMARKS:

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



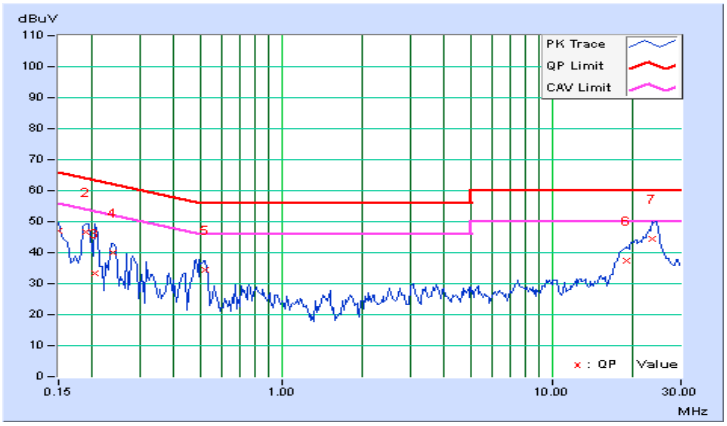
4.2.9 Test Results (Mode 3)

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

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	10.26	36.71	21.69	46.97	31.95	66.00	56.00	-19.03	-24.05
2	0.18906	10.23	36.56	27.10	46.79	37.33	64.08	54.08	-17.29	-16.75
3	0.20469	10.22	23.16	5.18	33.38	15.40	63.42	53.42	-30.04	-38.02
4	0.23984	10.22	29.75	20.41	39.97	30.63	62.10	52.10	-22.13	-21.47
5	0.52109	10.23	24.31	21.34	34.54	31.57	56.00	46.00	-21.46	-14.43
6	18.90625	10.89	26.62	21.66	37.51	32.55	60.00	50.00	-22.49	-17.45
7	23.46484	10.96	33.35	28.54	44.31	39.50	60.00	50.00	-15.69	-10.50

REMARKS:

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

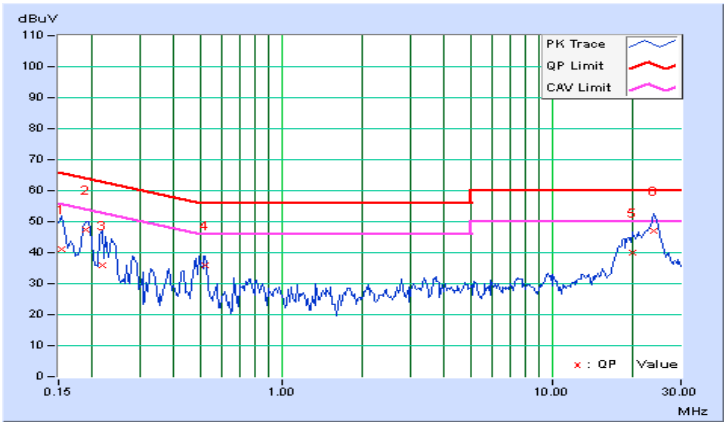


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	10.24	31.01	13.27	41.25	23.51	65.79	55.79	-24.54	-32.28
2	0.18906	10.21	37.33	28.23	47.54	38.44	64.08	54.08	-16.54	-15.64
3	0.21641	10.20	25.66	5.76	35.86	15.96	62.96	52.96	-27.09	-36.99
4	0.52109	10.21	25.72	22.80	35.93	33.01	56.00	46.00	-20.07	-12.99
5	19.80078	10.94	29.15	24.12	40.09	35.06	60.00	50.00	-19.91	-14.94
6	23.87891	10.98	35.98	31.27	46.96	42.25	60.00	50.00	-13.04	-7.75

REMARKS:

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



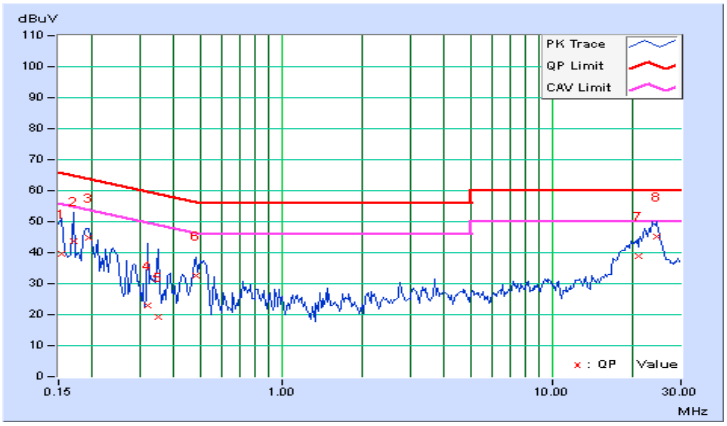
4.2.10 Test Results (Mode 4)

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

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	10.26	29.45	14.80	39.71	25.06	65.79	55.79	-26.08	-30.73
2	0.16953	10.24	33.51	7.55	43.75	17.79	64.98	54.98	-21.23	-37.19
3	0.19297	10.23	34.75	25.72	44.98	35.95	63.91	53.91	-18.93	-17.96
4	0.32188	10.23	12.70	-2.01	22.93	8.22	59.66	49.66	-36.73	-41.44
5	0.34922	10.23	9.08	-1.99	19.31	8.24	58.98	48.98	-39.67	-40.74
6	0.48594	10.23	22.47	15.68	32.70	25.91	56.24	46.24	-23.54	-20.33
7	20.98828	10.93	28.11	22.97	39.04	33.90	60.00	50.00	-20.96	-16.10
8	24.39063	10.97	34.12	29.24	45.09	40.21	60.00	50.00	-14.91	-9.79

REMARKS:

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

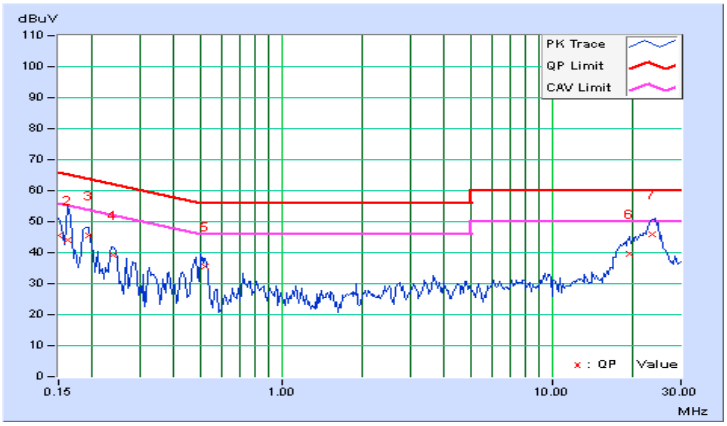


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	10.24	35.35	21.53	45.59	31.77	66.00	56.00	-20.41	-24.23
2	0.16172	10.23	33.87	10.03	44.10	20.26	65.38	55.38	-21.27	-35.11
3	0.19297	10.21	35.18	26.46	45.39	36.67	63.91	53.91	-18.52	-17.24
4	0.23984	10.20	28.88	20.75	39.08	30.95	62.10	52.10	-23.02	-21.15
5	0.52109	10.21	25.47	22.21	35.68	32.42	56.00	46.00	-20.32	-13.58
6	19.26172	10.93	28.84	24.46	39.77	35.39	60.00	50.00	-20.23	-14.61
7	23.55469	10.98	34.91	30.02	45.89	41.00	60.00	50.00	-14.11	-9.00

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

Per KDB 662911 Method of conducted output power measurement on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};
Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less for 20-MHz channel widths with $N_{ANT} \geq 5$.

For power measurements on all other devices: Array Gain = 10 log(N_{ANT}/N_{SS}) dB.

4.3.2 Test Setup

4.3.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.3.4 Test Procedure

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

4.3.5 Deviation from Test Standard

No deviation.

4.3.6 EUT Operating 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 (Mode 1)

POWER OUTPUT:

3TX

CDD Mode:

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
36	5180	18.21	18.46	17.26	189.579	22.78	30	Pass
40	5200	17.18	17.23	16.24	147.158	21.68	30	Pass
48	5240	17.12	17.26	16.27	147.098	21.68	30	Pass
149	5745	14.01	13.65	13.74	72.01	18.57	30	Pass
157	5785	18.99	18.85	18.81	232.019	23.66	30	Pass
165	5825	17.04	17.12	16.76	149.529	21.75	30	Pass

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
36	5180	17.29	17.34	16.17	149.18	21.74	30	Pass
40	5200	17.12	17.33	16.15	146.808	21.67	30	Pass
48	5240	17.11	17.18	16.14	144.759	21.61	30	Pass
149	5745	12.83	12.57	12.55	55.248	17.42	30	Pass
157	5785	19.02	18.82	18.83	232.391	23.66	30	Pass
165	5825	16.96	17.16	16.83	149.854	21.76	30	Pass

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
38	5190	12.05	11.28	11.17	42.552	16.29	30	Pass
46	5230	19.51	19.22	18.81	248.924	23.96	30	Pass
151	5755	11.01	10.42	10.70	35.382	15.49	30	Pass
159	5795	17.75	17.24	17.36	166.982	22.23	30	Pass

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
42	5210	10.58	9.91	9.80	30.774	14.88	30	Pass
155	5775	10.04	9.08	9.61	27.325	14.37	30	Pass

TxBF Mode:

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
36	5180	17.29	17.34	16.17	149.18	21.74	26.07	Pass
40	5200	17.12	17.33	16.15	146.808	21.67	26.07	Pass
48	5240	17.11	17.18	16.14	144.759	21.61	26.07	Pass
149	5745	12.83	12.57	12.55	55.248	17.42	25.86	Pass
157	5785	19.02	18.82	18.83	232.391	23.66	25.86	Pass
165	5825	16.96	17.16	16.83	149.854	21.76	25.86	Pass

Note: 1. For 5180~5240MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G2/20})^2$ / 3] = 9.93dBi > 6dBi , so the power limit shall be reduced to 30-(9.93-6) = 26.07dBm.
2. For 5745~5825MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G2/20})^2$ / 3] = 10.14dBi > 6dBi , so the power limit shall be reduced to 30-(10.14-6) = 25.86dBm.

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
38	5190	12.05	11.28	11.17	42.552	16.29	26.07	Pass
46	5230	19.51	19.22	18.81	248.924	23.96	26.07	Pass
151	5755	11.01	10.42	10.70	35.382	15.49	25.86	Pass
159	5795	17.75	17.24	17.36	166.982	22.23	25.86	Pass

Note: 1. For 5190~5230MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G2/20})^2$ / 3] = 9.93dBi > 6dBi , so the power limit shall be reduced to 30-(9.93-6) = 26.07dBm.
2. For 5755~5795MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G2/20})^2$ / 3] = 10.14dBi > 6dBi , so the power limit shall be reduced to 30-(10.14-6) = 25.86dBm.

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
42	5210	10.58	9.91	9.80	30.774	14.88	26.07	Pass
155	5775	10.04	9.08	9.61	27.325	14.37	25.86	Pass

Note: 1. For 5210MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G2/20})^2$ / 3] = 9.93dBi > 6dBi , so the power limit shall be reduced to 30-(9.93-6) = 26.07dBm.
2. For 5775MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G2/20})^2$ / 3] = 10.14dBi > 6dBi , so the power limit shall be reduced to 30-(10.14-6) = 25.86dBm.

2TX
CDD Mode:
802.11a

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 2				
36	5180	18.46	17.63	128.089	21.08	30	Pass
40	5200	18.14	17.35	119.488	20.77	30	Pass
48	5240	18.15	17.52	121.807	20.86	30	Pass

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 2				
36	5180	18.27	17.26	120.354	20.80	30	Pass
40	5200	18.25	17.21	119.436	20.77	30	Pass
48	5240	18.23	17.28	119.983	20.79	30	Pass

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 2				
38	5190	13.17	12.27	37.615	15.75	30	Pass
46	5230	20.63	19.86	212.439	23.27	30	Pass

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 2				
42	5210	12.22	11.27	30.069	14.78	30	Pass

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
149	5745	14.74	14.75	59.639	17.76	30	Pass
157	5785	19.97	19.71	192.853	22.85	30	Pass
165	5825	18.12	17.71	123.883	20.93	30	Pass

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
149	5745	12.83	12.71	37.851	15.78	30	Pass
157	5785	19.77	19.68	187.739	22.74	30	Pass
165	5825	18.04	17.76	123.384	20.91	30	Pass

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
151	5755	12.21	12.51	34.458	15.37	30	Pass
159	5795	18.01	18.22	129.615	21.13	30	Pass

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
155	5775	11.04	11.27	26.103	14.17	30	Pass

TxBF Mode:

Chain 0+2

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 2				
36	5180	18.27	17.26	120.354	20.80	27.66	Pass
40	5200	18.25	17.21	119.436	20.77	27.66	Pass
48	5240	18.23	17.28	119.983	20.79	27.66	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.34dBi > 6dBi , so the power limit shall be reduced to 30-(8.34-6) = 27.66dBm.

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 2				
38	5190	13.17	12.27	37.615	15.75	27.66	Pass
46	5230	20.63	19.86	212.439	23.27	27.66	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.34dBi > 6dBi , so the power limit shall be reduced to 30-(8.34-6) = 27.66dBm.

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 2				
42	5210	12.22	11.27	30.069	14.78	27.66	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.34dBi > 6dBi , so the power limit shall be reduced to 30-(8.34-6) = 27.66dBm.

Chain 1+2

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
149	5745	12.83	12.71	37.851	15.78	27.51	Pass
157	5785	19.77	19.68	187.739	22.74	27.51	Pass
165	5825	18.04	17.76	123.384	20.91	27.51	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.49dBi > 6dBi , so the power limit shall be reduced to 30-(8.49-6) = 27.51dBm.

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
151	5755	12.21	12.51	34.458	15.37	27.51	Pass
159	5795	18.01	18.22	129.615	21.13	27.51	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.49dBi > 6dBi , so the power limit shall be reduced to 30-(8.49-6) = 27.51dBm.

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
155	5775	11.04	11.27	26.103	14.17	27.51	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.49dBi > 6dBi , so the power limit shall be reduced to 30-(8.49-6) = 27.51dBm.

1TX
CDD Mode:
Chain 0
802.11a

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
36	5180	97.275	19.88	30	Pass
40	5200	113.501	20.55	30	Pass
48	5240	140.929	21.49	30	Pass

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
36	5180	96.161	19.83	30	Pass
40	5200	113.763	20.56	30	Pass
48	5240	143.219	21.56	30	Pass

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
38	5190	28.054	14.48	30	Pass
46	5230	123.31	20.91	30	Pass

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
42	5210	20.941	13.21	30	Pass

Chain 2

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
149	5745	31.696	15.01	30	Pass
157	5785	97.949	19.91	30	Pass
165	5825	63.826	18.05	30	Pass

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
149	5745	20.277	13.07	30	Pass
157	5785	99.312	19.97	30	Pass
165	5825	63.241	18.01	30	Pass

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
151	5755	19.011	12.79	30	Pass
159	5795	70.469	18.48	30	Pass

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
155	5775	14.191	11.52	30	Pass

4.3.8 Test Result (Mode 2)

POWER OUTPUT:

3TX

CDD Mode:

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
36	5180	19.89	18.27	19.21	248.01	23.94	30	Pass
40	5200	20.48	19.25	20.27	302.24	24.80	30	Pass
48	5240	20.84	20.04	20.86	344.163	25.37	30	Pass
149	5745	17.25	16.12	17.51	72.01	18.57	30	Pass
157	5785	20.82	20.60	21.69	150.378	21.77	30	Pass
165	5825	19.09	18.25	19.69	383.167	25.83	30	Pass

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
36	5180	19.25	17.84	18.56	216.733	23.36	30	Pass
40	5200	20.46	19.13	20.18	297.251	24.73	30	Pass
48	5240	20.86	20.10	20.86	346.127	25.39	30	Pass
149	5745	16.34	15.72	16.73	127.476	21.05	30	Pass
157	5785	20.91	20.43	21.62	378.929	25.79	30	Pass
165	5825	19.06	18.43	19.56	240.566	23.81	30	Pass

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
38	5190	16.78	15.07	15.84	118.151	20.72	30	Pass
46	5230	20.91	19.43	19.95	309.865	24.91	30	Pass
151	5755	16.12	15.26	16.54	119.582	20.78	30	Pass
159	5795	17.67	17.05	18.31	176.942	22.48	30	Pass

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
42	5210	16.75	14.91	15.23	111.632	20.48	30	Pass
155	5775	16.02	15.50	16.48	119.938	20.79	30	Pass

TxBF Mode:

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
36	5180	19.25	17.84	18.56	216.733	23.36	25.98	Pass
40	5200	20.46	19.13	20.18	297.251	24.73	25.98	Pass
48	5240	20.86	20.10	20.86	346.127	25.39	25.98	Pass
149	5745	16.34	15.72	16.73	127.476	21.05	26.03	Pass
157	5785	20.91	20.43	21.62	378.929	25.79	26.03	Pass
165	5825	19.06	18.43	19.56	240.566	23.81	26.03	Pass

Note: 1. For 5180~5240MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G2/20})^2$ / 3] = 10.02dBi > 6dBi , so the power limit shall be reduced to 30-(10.02-6) = 25.98dBm.
2. For 5745~5825MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G2/20})^2$ / 3] = 9.97dBi > 6dBi , so the power limit shall be reduced to 30-(9.97-6) = 26.03dBm.

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
38	5190	16.78	15.07	15.84	118.151	20.72	25.98	Pass
46	5230	20.91	19.43	19.95	309.865	24.91	25.98	Pass
151	5755	16.12	15.26	16.54	119.582	20.78	26.03	Pass
159	5795	17.67	17.05	18.31	176.942	22.48	26.03	Pass

Note: 1. For 5190~5230MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G2/20})^2$ / 3] = 10.02dBi > 6dBi , so the power limit shall be reduced to 30-(10.02-6) = 25.98dBm.
2. For 5755~5795MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G2/20})^2$ / 3] = 9.97dBi > 6dBi , so the power limit shall be reduced to 30-(9.97-6) = 26.03dBm.

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
42	5210	16.75	14.91	15.23	111.632	20.48	25.98	Pass
155	5775	16.02	15.50	16.48	119.938	20.79	26.03	Pass

Note: 1. For 5210MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G2/20})^2$ / 3] = 10.02dBi > 6dBi , so the power limit shall be reduced to 30-(10.02-6) = 25.98dBm.
2. For 5775MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G2/20})^2$ / 3] = 9.97dBi > 6dBi , so the power limit shall be reduced to 30-(9.97-6) = 26.03dBm.

2TX
CDD Mode:
Chain 0+1
802.11a

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	20.39	19.09	190.492	22.80	30	Pass
40	5200	21.25	19.96	232.435	23.66	30	Pass
48	5240	20.84	20.04	222.264	23.47	30	Pass
149	5745	18.02	16.52	108.262	20.34	30	Pass
157	5785	20.82	20.60	235.596	23.72	30	Pass
165	5825	20.52	19.80	208.219	23.19	30	Pass

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	19.97	18.36	167.861	22.25	30	Pass
40	5200	21.01	19.97	225.495	23.53	30	Pass
48	5240	20.86	20.10	224.228	23.51	30	Pass
149	5745	17.01	16.21	92.017	19.64	30	Pass
157	5785	20.91	20.43	233.718	23.69	30	Pass
165	5825	19.62	19.03	171.605	22.35	30	Pass

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	17.23	15.52	88.49	19.47	30	Pass
46	5230	21.67	19.92	245.068	23.89	30	Pass
151	5755	16.67	15.73	83.863	19.24	30	Pass
159	5795	18.74	18.01	138.058	21.40	30	Pass

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	17.26	15.43	88.125	19.45	30	Pass
155	5775	16.92	16.15	90.414	19.56	30	Pass

TxBF Mode:

Chain 0+1

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	19.97	18.36	167.861	22.25	27.56	Pass
40	5200	21.01	19.97	225.495	23.53	27.56	Pass
48	5240	20.86	20.10	224.228	23.51	27.56	Pass
149	5745	17.01	16.21	92.017	19.64	27.79	Pass
157	5785	20.91	20.43	233.718	23.69	27.79	Pass
165	5825	19.62	19.03	171.605	22.35	27.79	Pass

Note: 1. For 5180~5240MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.44dBi > 6dBi , so the power limit shall be reduced to 30-(8.44-6) = 27.56dBm.
2. For 5745~5825MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.21dBi > 6dBi , so the power limit shall be reduced to 30-(8.21-6) = 27.79dBm.

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	17.23	15.52	88.49	19.47	27.56	Pass
46	5230	21.67	19.92	245.068	23.89	27.56	Pass
151	5755	16.67	15.73	83.863	19.24	27.79	Pass
159	5795	18.74	18.01	138.058	21.40	27.79	Pass

Note: 1. For 5190~5230MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.44dBi > 6dBi , so the power limit shall be reduced to 30-(8.44-6) = 27.56dBm.
2. For 5755~5795MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.21dBi > 6dBi , so the power limit shall be reduced to 30-(8.21-6) = 27.79dBm.

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	17.26	15.43	88.125	19.45	27.56	Pass
155	5775	16.92	16.15	90.414	19.56	27.79	Pass

Note: 1. For 5210MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.44dBi > 6dBi , so the power limit shall be reduced to 30-(8.44-6) = 27.56dBm.
2. For 5775MHz: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.21dBi > 6dBi , so the power limit shall be reduced to 30-(8.21-6) = 27.79dBm.

1TX
CDD Mode:
802.11a

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
36	5180	112.98	20.53	30	Pass
40	5200	133.352	21.25	30	Pass
48	5240	121.339	20.84	30	Pass
149	5745	76.208	18.82	30	Pass
157	5785	120.781	20.82	30	Pass
165	5825	119.124	20.76	30	Pass

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
36	5180	102.802	20.12	30	Pass
40	5200	126.183	21.01	30	Pass
48	5240	121.899	20.86	30	Pass
149	5745	62.806	17.98	30	Pass
157	5785	123.31	20.91	30	Pass
165	5825	111.944	20.49	30	Pass

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
36	5180	56.624	17.53	30	Pass
40	5200	152.405	21.83	30	Pass
48	5240	51.404	17.11	30	Pass
149	5745	120.504	20.81	30	Pass

802.11ac (VHT80)

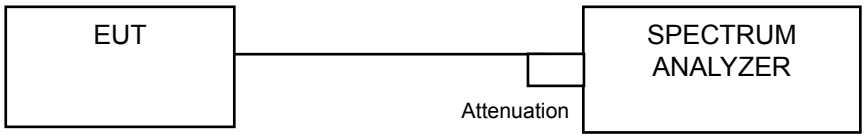
Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
42	5210	56.624	17.53	30	Pass
155	5775	58.749	17.69	30	Pass

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 802.11a, 802.11ac (VHT20), 802.11ac (VHT40):

For U-NII-1 band:

Using method SA-1

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

For U-NII-3:

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

For 802.11ac (VHT80):

For U-NII-1 band:

Using method SA-2

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

For U-NII-3:

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

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 (Mode 1)

For U-NII-1:
3TX
CDD Mode
802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)			Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2			
36	5180	4.53	4.78	4.52	9.38	13.07	Pass
40	5200	3.39	3.77	3.52	8.33	13.07	Pass
48	5240	3.13	3.49	3.42	8.12	13.07	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2$ / 3] = 9.93dBi > 6dBi , so the power density limit shall be reduced to 17-(9.93-6) = 13.07dBm.

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)			Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2			
36	5180	3.25	3.73	3.11	8.14	13.07	Pass
40	5200	3.12	3.54	3.22	8.07	13.07	Pass
48	5240	2.94	3.17	3.17	7.87	13.07	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2$ / 3] = 9.93dBi > 6dBi , so the power density limit shall be reduced to 17-(9.93-6) = 13.07dBm.

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)			Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2			
38	5190	-4.79	-4.61	-4.94	-0.01	13.07	Pass
46	5230	2.57	2.18	2.02	7.03	13.07	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2$ / 3] = 9.93dBi > 6dBi , so the power density limit shall be reduced to 17-(9.93-6) = 13.07dBm.

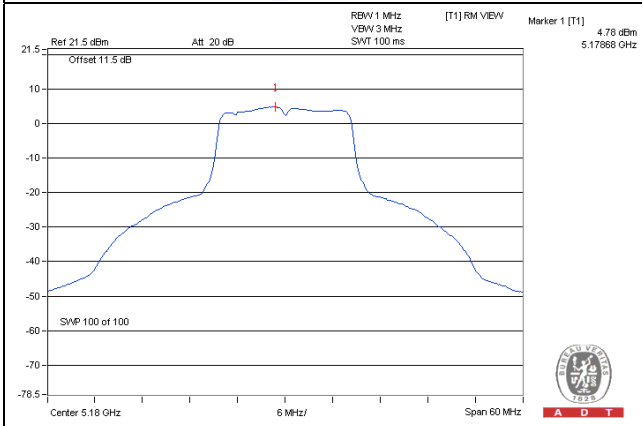
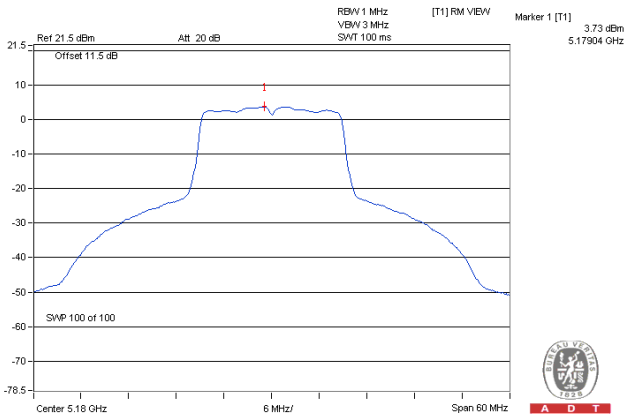
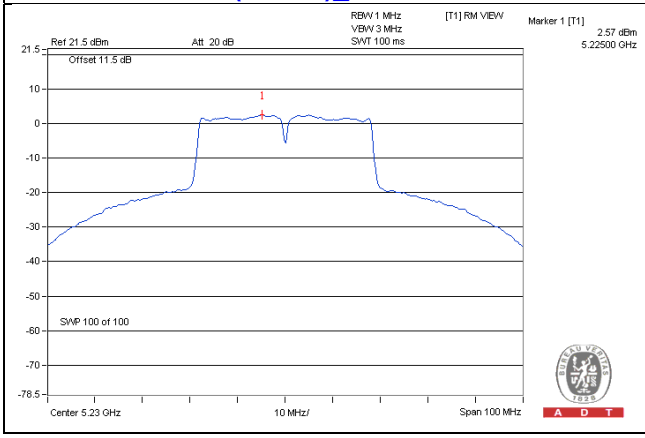
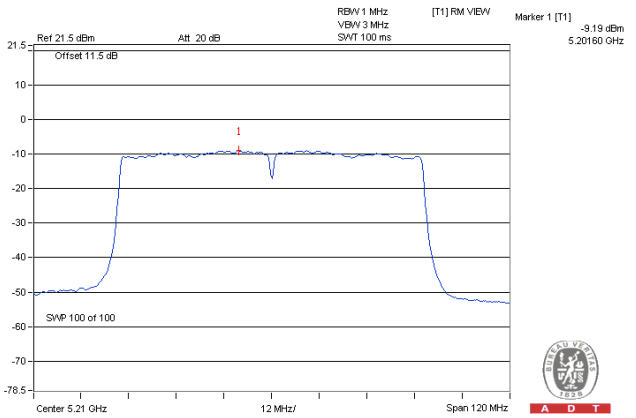
802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)			Duty Factor (dBm/MHz)	Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
42	5210	-9.57	-9.19	-9.76	0.18	-4.55	13.07	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2$ / 3] = 9.93dBi > 6dBi , so the power density limit shall be reduced to 17-(9.93-6) = 13.07dBm.

3. Refer to section 3.3 for duty cycle spectrum plot.

Spectrum Plot of Worst Value	
802.11a_Chain 1 / CH36	**802.11ac (VHT20)_Chain 1 / CH36**
	
802.11ac (VHT40)_Chain 0 / CH46	**802.11ac (VHT80)_Chain 1 / CH42**
	

For U-NII-3:

CDD Mode

802.11a

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=3) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
0	149	5745	-6.32	-4.10	4.77	0.67	25.86	Pass
	157	5785	-2.17	0.05	4.77	4.82	25.86	Pass
	165	5825	-3.42	-1.20	4.77	3.57	25.86	Pass
1	149	5745	-6.06	-3.84	4.77	0.93	25.86	Pass
	157	5785	-1.54	0.68	4.77	5.45	25.86	Pass
	165	5825	-2.72	-0.50	4.77	4.27	25.86	Pass
2	149	5745	-5.94	-3.72	4.77	1.05	25.86	Pass
	157	5785	-1.95	0.27	4.77	5.04	25.86	Pass
	165	5825	-3.23	-1.01	4.77	3.76	25.86	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2$ / 3] = 10.14dBi > 6dBi , so the power density limit shall be reduced to 30-(10.14-6) = 25.86dBm.

802.11ac (VHT20)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=3) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
0	149	5745	-8.41	-6.19	4.77	-1.42	25.86	Pass
	157	5785	-2.30	-0.08	4.77	4.69	25.86	Pass
	165	5825	-3.70	-1.48	4.77	3.29	25.86	Pass
1	149	5745	-7.60	-5.38	4.77	-0.61	25.86	Pass
	157	5785	-2.10	0.12	4.77	4.89	25.86	Pass
	165	5825	-3.38	-1.16	4.77	3.61	25.86	Pass
2	149	5745	-8.37	-6.15	4.77	-1.38	25.86	Pass
	157	5785	-2.54	-0.32	4.77	4.45	25.86	Pass
	165	5825	-4.04	-1.82	4.77	2.95	25.86	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2$ / 3] = 10.14dBi > 6dBi , so the power density limit shall be reduced to 30-(10.14-6) = 25.86dBm.

802.11ac (VHT40)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=3) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
0	151	5755	-13.33	-11.11	4.77	-6.34	25.86	Pass
	159	5795	-6.97	-4.75	4.77	0.02	25.86	Pass
1	151	5755	-13.23	-11.01	4.77	-6.24	25.86	Pass
	159	5795	-6.92	-4.70	4.77	0.07	25.86	Pass
2	151	5755	-14.15	-11.93	4.77	-7.16	25.86	Pass
	159	5795	-7.32	-5.10	4.77	-0.33	25.86	Pass

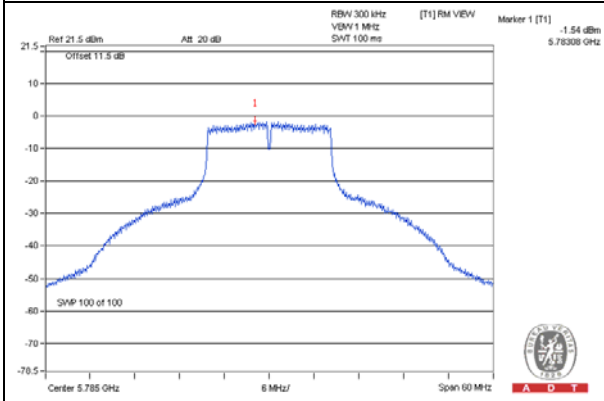
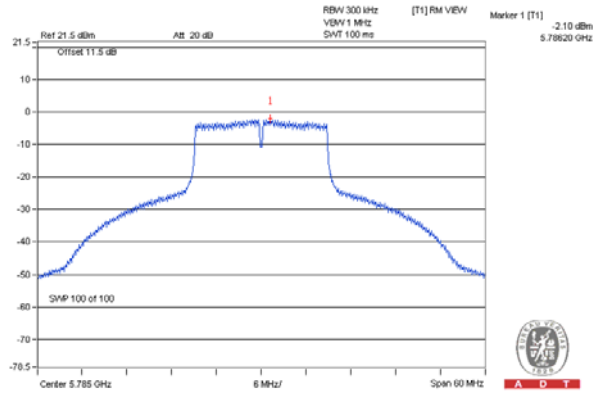
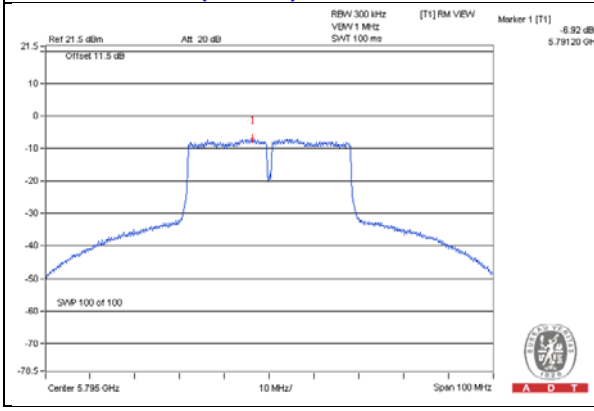
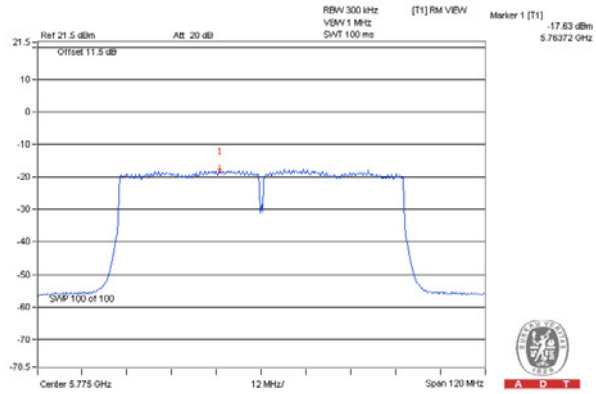
Note: Directional gain = 10 log[($10^{G1/20}$ + $10^{G2/20}$ + $10^{G3/20}$)^2 / 3] = 10.14dBi > 6dBi , so the power density limit shall be reduced to 30-(10.14-6) = 25.86dBm.

802.11ac (VHT80)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=3) dB	Duty Factor (dB)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
0	155	5775	-18.30	-16.08	4.77	0.18	-11.13	25.86	Pass
1	155	5775	-17.63	-15.41	4.77	0.18	-10.46	25.86	Pass
2	155	5775	-18.83	-16.61	4.77	0.18	-11.66	25.86	Pass

Note: 1. Directional gain = 10 log[($10^{G1/20}$ + $10^{G2/20}$ + $10^{G3/20}$)^2 / 3] = 10.14dBi > 6dBi , so the power density limit shall be reduced to 30-(10.14-6) = 25.86dBm.

2. Refer to section 3.3 for duty cycle spectrum plot.

Spectrum Plot of Worst Value	
802.11a – Chain 1: CH 157	**802.11ac (VHT20) – Chain 1: CH 157**
	
802.11ac (VHT40) – Chain 1: CH 159	**802.11ac (VHT80) – Chain 1: CH 155**
	

2TX
CDD Mode
802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 2			
36	5180	4.54	3.17	6.92	14.66	Pass
40	5200	4.41	3.00	6.77	14.66	Pass
48	5240	4.35	2.91	6.70	14.66	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.34dBi > 6dBi , so the power density limit shall be reduced to 17-(8.34-6) = 14.66dBm.

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 2			
36	5180	3.40	2.46	5.97	14.66	Pass
40	5200	3.61	2.59	6.14	14.66	Pass
48	5240	3.69	2.35	6.08	14.66	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.34dBi > 6dBi , so the power density limit shall be reduced to 17-(8.34-6) = 14.66dBm.

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 2			
38	5190	-3.99	-5.21	-1.55	14.66	Pass
46	5230	3.39	2.24	5.86	14.66	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.34dBi > 6dBi , so the power density limit shall be reduced to 17-(8.34-6) = 14.66dBm.

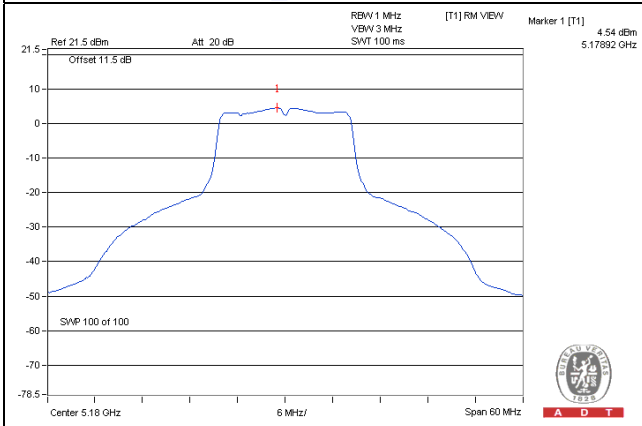
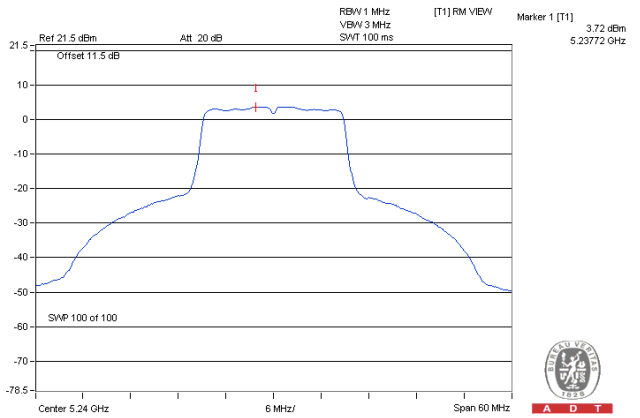
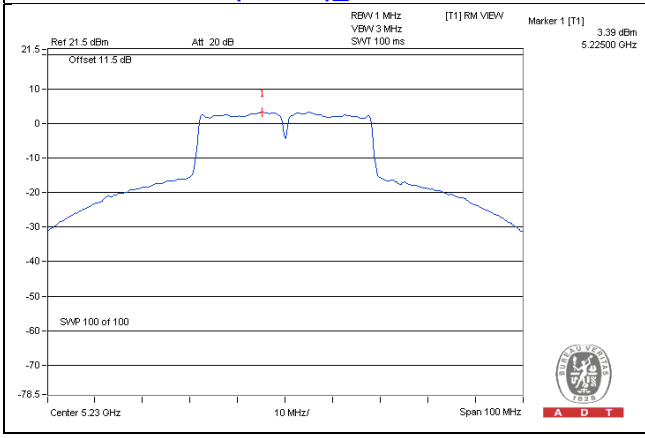
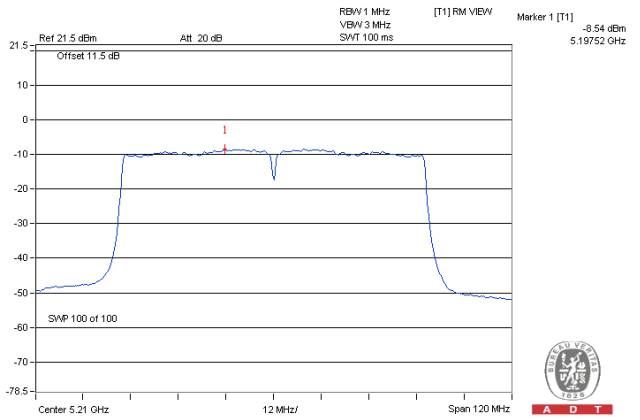
802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Duty Factor (dBm/MHz)	Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 2				
42	5210	-8.55	-9.74	0.18	-5.92	14.66	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.34dBi > 6dBi , so the power density limit shall be reduced to 17-(8.34-6) = 14.66dBm.

3. Refer to section 3.3 for duty cycle spectrum plot.

Spectrum Plot of Worst Value	
802.11a_Chain 0 / CH36	**802.11ac (VHT20)_Chain 0 / CH48**
	
802.11ac (VHT40)_Chain 0 / CH46	**802.11ac (VHT80)_Chain 0 / CH42**
	

For U-NII-3:
CDD Mode

Chain 1+2
802.11a

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=2) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
1	149	5745	-6.26	-4.04	3.01	-1.03	27.51	Pass
	157	5785	-1.75	0.47	3.01	3.48	27.51	Pass
	165	5825	-2.77	-0.55	3.01	2.46	27.51	Pass
2	149	5745	-6.75	-4.53	3.01	-1.52	27.51	Pass
	157	5785	-1.78	0.44	3.01	3.45	27.51	Pass
	165	5825	-3.48	-1.26	3.01	1.75	27.51	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.49dBi > 6dBi , so the power density limit shall be reduced to 30-(8.49-6) = 27.51dBm.

802.11ac (VHT20)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=2) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
1	149	5745	-9.32	-7.10	3.01	-4.09	27.51	Pass
	157	5785	-2.41	-0.19	3.01	2.82	27.51	Pass
	165	5825	-3.83	-1.61	3.01	1.40	27.51	Pass
2	149	5745	-9.34	-7.12	3.01	-4.11	27.51	Pass
	157	5785	-2.22	0.00	3.01	3.01	27.51	Pass
	165	5825	-3.97	-1.75	3.01	1.26	27.51	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.49dBi > 6dBi , so the power density limit shall be reduced to 30-(8.49-6) = 27.51dBm.

802.11ac (VHT40)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=2) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
1	151	5755	-13.18	-10.96	3.01	-7.95	27.51	Pass
	159	5795	-7.21	-4.99	3.01	-1.98	27.51	Pass
2	151	5755	-11.00	-8.78	3.01	-5.77	27.51	Pass
	159	5795	-7.30	-5.08	3.01	-2.07	27.51	Pass

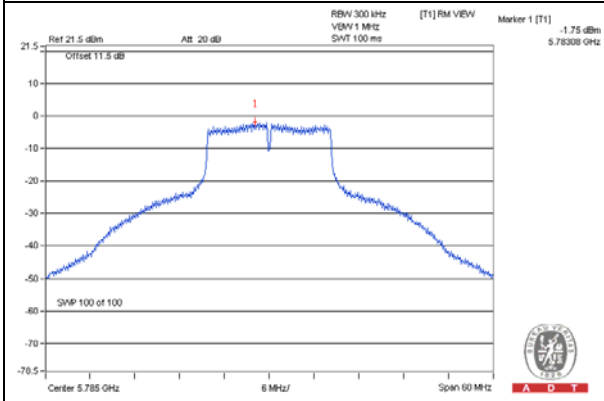
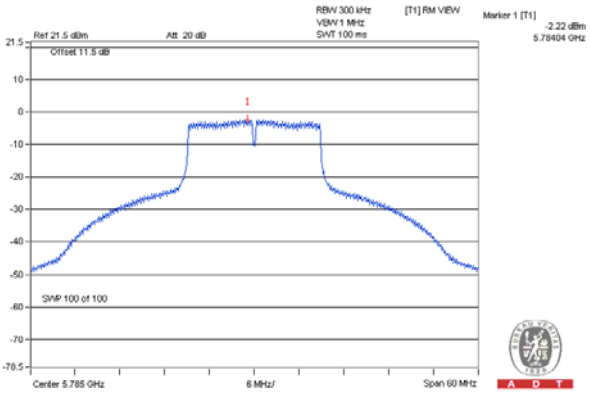
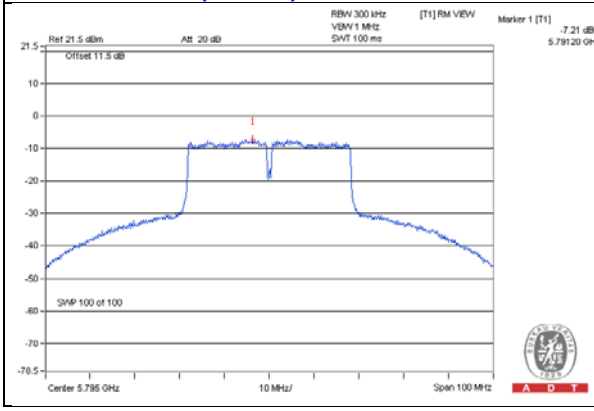
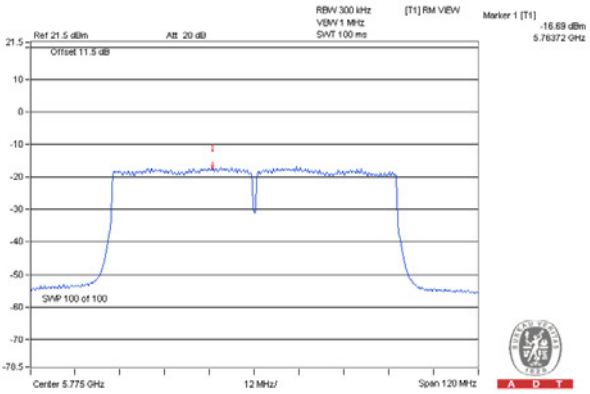
Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.49dBi > 6dBi , so the power density limit shall be reduced to 30-(8.49-6) = 27.51dBm.

802.11ac (VHT80)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=2) dB	Duty Factor (dB)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
1	155	5775	-16.97	-14.75	3.01	0.18	-11.56	27.51	Pass
2	155	5775	-16.69	-14.47	3.01	0.18	-11.28	27.51	Pass

Note: 1. Directional gain = 10 log[($10^{G1/20}$ + $10^{G2/20}$)^2 / 2] = 8.49dBi > 6dBi , so the power density limit shall be reduced to 30-(8.49-6) = 27.51dBm.

2. Refer to section 3.3 for duty cycle spectrum plot.

Spectrum Plot of Worst Value	
802.11a – Chain 1: CH 157	**802.11ac (VHT20) – Chain 2: CH 157**
	
802.11ac (VHT40) – Chain 1: CH 159	**802.11ac (VHT80) – Chain 2: CH 155**
	

1TX
CDD Mode
Chain 0
802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
36	5180	5.63	17	Pass
40	5200	6.46	17	Pass
48	5240	7.54	17	Pass

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
36	5180	5.33	17	Pass
40	5200	6.26	17	Pass
48	5240	7.32	17	Pass

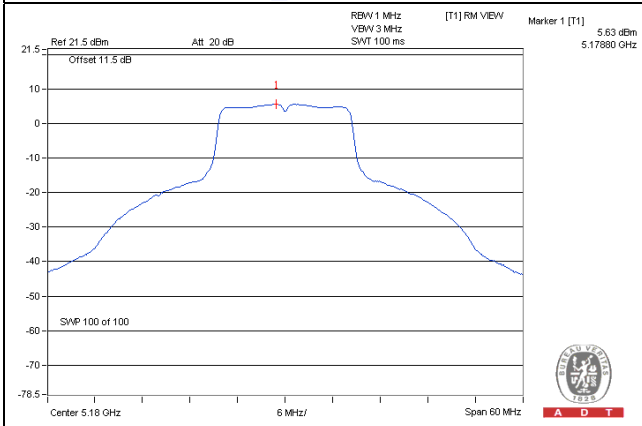
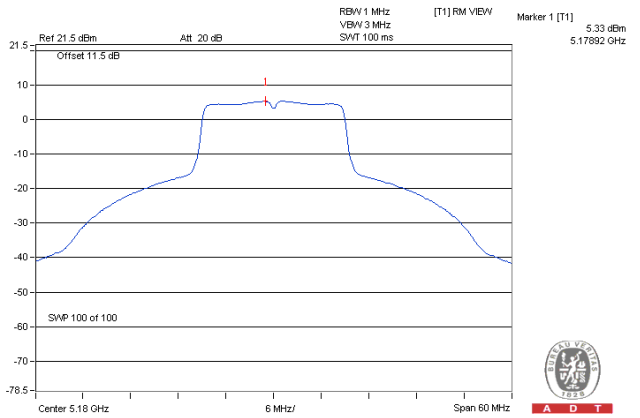
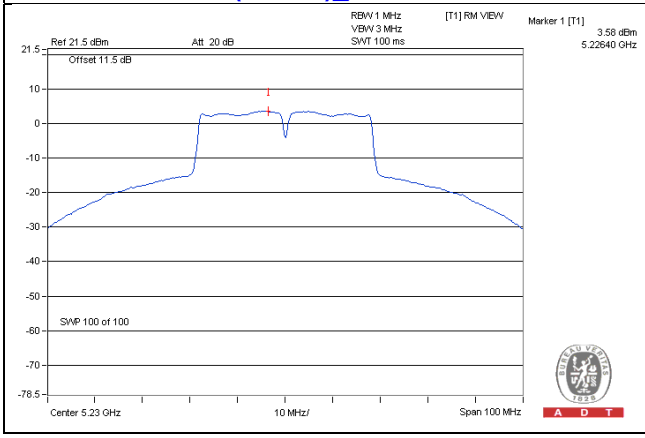
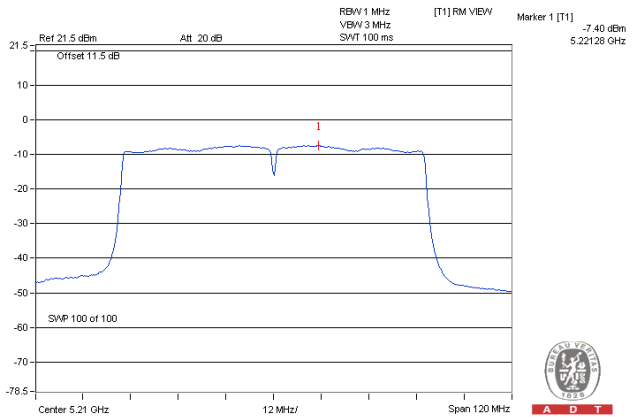
802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
38	5190	-3.40	17	Pass
46	5230	3.58	17	Pass

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
42	5210	-7.40	0.18	-7.22	17	Pass

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

Spectrum Plot of Worst Value	
802.11a_Chain 0 / CH36	**802.11ac (VHT20)_Chain 0 / CH36**
	
802.11ac (VHT40)_Chain 0 / CH46	**802.11ac (VHT80)_Chain 0 / CH42**
	

For U-NII-3:
CDD Mode

Chain 2
802.11a

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=1) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
2	149	5745	-6.95	-4.73	0.00	-4.73	30	Pass
	157	5785	-1.69	0.53	0.00	0.53	30	Pass
	165	5825	-3.91	-1.69	0.00	-1.69	30	Pass

802.11ac (VHT20)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=1) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
2	149	5745	-8.91	-6.69	0.00	-6.69	30	Pass
	157	5785	-1.90	0.32	0.00	0.32	30	Pass
	165	5825	-4.07	-1.85	0.00	-1.85	30	Pass

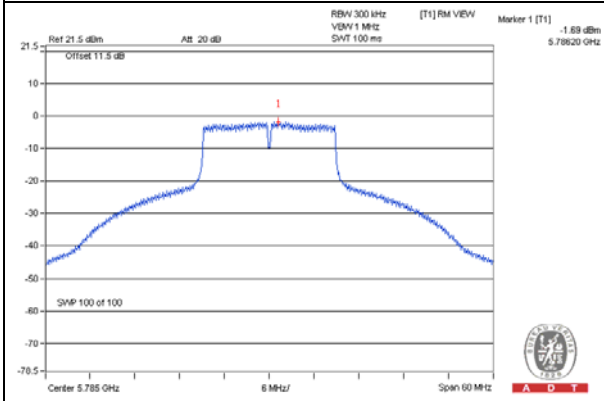
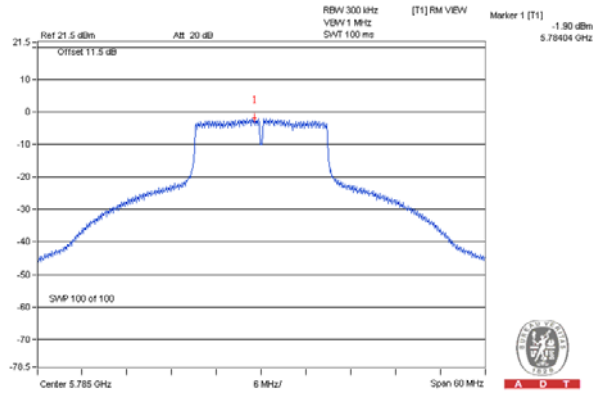
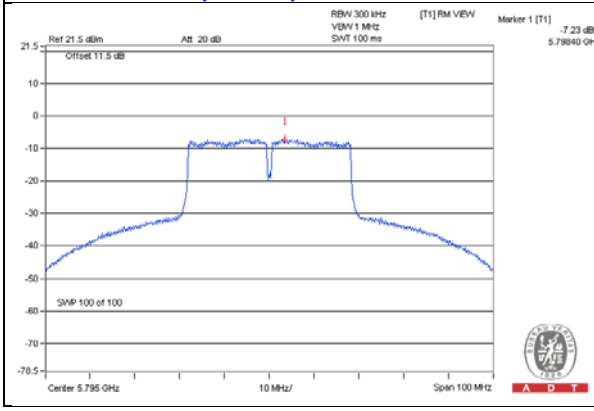
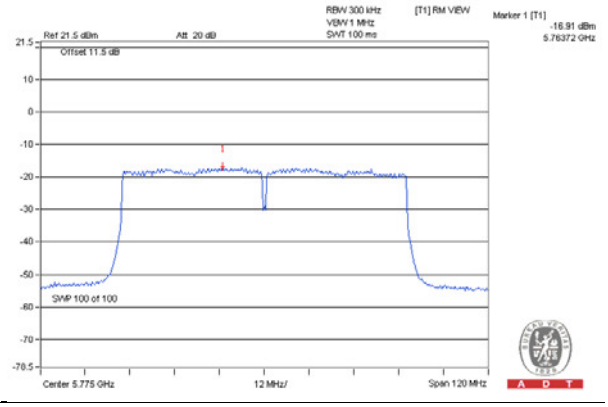
802.11ac (VHT40)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=1) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
2	151	5755	-12.55	-10.33	0.00	-10.33	30	Pass
	159	5795	-7.23	-5.01	0.00	-5.01	30	Pass

802.11ac (VHT80)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=1) dB	Duty Factor (dB)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
2	155	5775	-16.91	-14.69	0.00	0.18	-14.51	30	Pass

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

Spectrum Plot of Worst Value	
802.11a – Chain 2: CH 157	**802.11ac (VHT20) – Chain 2: CH 157**
	
802.11ac (VHT40) – Chain 2: CH 159	**802.11ac (VHT80) – Chain 2: CH 155**
	

4.4.8 Test Results (Mode 2)

For U-NII-1:
3TX
CDD Mode
802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)			Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2			
36	5180	5.64	4.13	4.89	9.70	12.98	Pass
40	5200	6.50	5.08	5.94	10.65	12.98	Pass
48	5240	6.79	6.15	7.07	11.46	12.98	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2$ / 3] = 10.02dBi > 6dBi , so the power density limit shall be reduced to 17-(10.02-6) = 12.98dBm.

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)			Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2			
36	5180	4.89	3.35	4.14	8.94	12.98	Pass
40	5200	6.01	4.56	5.63	10.21	12.98	Pass
48	5240	6.36	5.50	6.13	10.78	12.98	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2$ / 3] = 10.02dBi > 6dBi , so the power density limit shall be reduced to 17-(10.02-6) = 12.98dBm.

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)			Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2			
38	5190	-0.56	-2.39	-1.57	3.33	12.98	Pass
46	5230	3.49	1.82	2.47	7.42	12.98	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2$ / 3] = 10.02dBi > 6dBi , so the power density limit shall be reduced to 17-(10.02-6) = 12.98dBm.

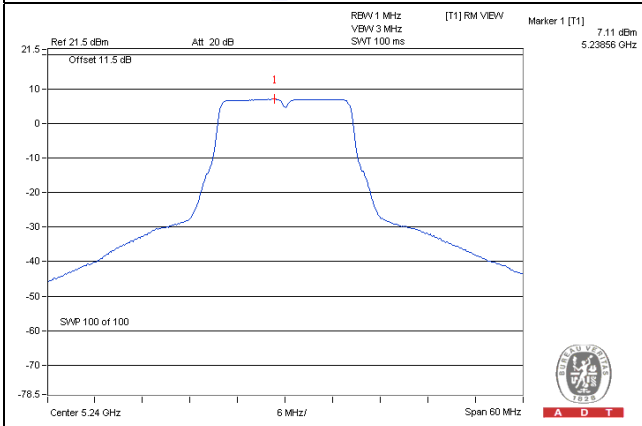
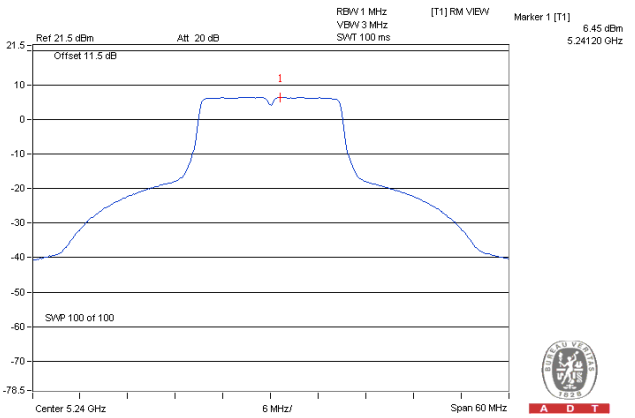
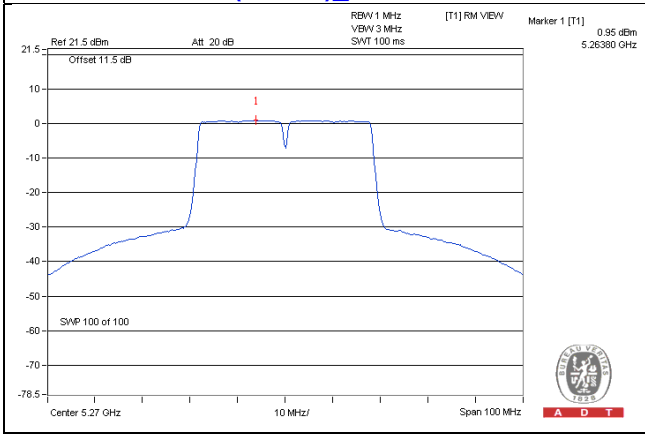
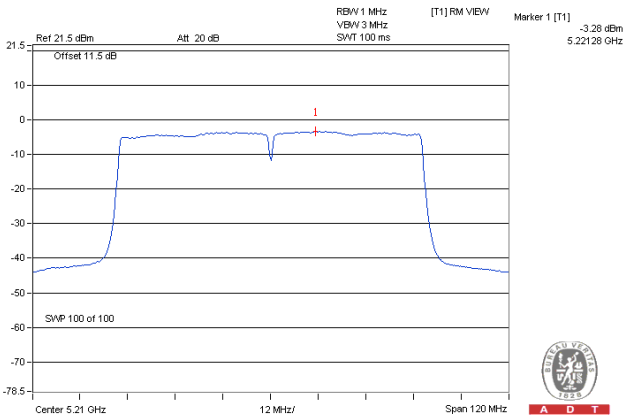
802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)			Duty Factor (dBm/MHz)	Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
42	5210	-3.28	-5.07	-4.96	0.18	0.60	12.98	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2$ / 3] = 10.02dBi > 6dBi , so the power density limit shall be reduced to 17-(10.02-6) = 12.98dBm.

3. Refer to section 3.3 for duty cycle spectrum plot.

Spectrum Plot of Worst Value	
802.11a_Chain 2 / CH48	**802.11ac (VHT20)_Chain 0 / CH48**
	
802.11ac (VHT40)_Chain 0 / CH46	**802.11ac (VHT80)_Chain 0 / CH42**
	

For U-NII-3:

CDD Mode

802.11a

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=3) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
0	149	5745	-4.22	-2.00	4.77	2.77	26.03	Pass
	157	5785	-0.36	1.86	4.77	6.63	26.03	Pass
	165	5825	-2.35	-0.13	4.77	4.64	26.03	Pass
1	149	5745	-5.54	-3.32	4.77	1.45	26.03	Pass
	157	5785	-1.19	1.03	4.77	5.80	26.03	Pass
	165	5825	-3.26	-1.04	4.77	3.73	26.03	Pass
2	149	5745	-4.16	-1.94	4.77	2.83	26.03	Pass
	157	5785	0.45	2.67	4.77	7.44	26.03	Pass
	165	5825	-2.13	0.09	4.77	4.86	26.03	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2$ / 3] = 9.97dBi > 6dBi , so the power density limit shall be reduced to 30-(9.97-6) = 26.03dBm.

802.11ac (VHT20)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=3) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
0	149	5745	-5.86	-3.64	4.77	1.13	26.03	Pass
	157	5785	-1.10	1.12	4.77	5.89	26.03	Pass
	165	5825	-2.95	-0.73	4.77	4.04	26.03	Pass
1	149	5745	-6.70	-4.48	4.77	0.29	26.03	Pass
	157	5785	-1.80	0.42	4.77	5.19	26.03	Pass
	165	5825	-4.21	-1.99	4.77	2.78	26.03	Pass
2	149	5745	-5.55	-3.33	4.77	1.44	26.03	Pass
	157	5785	-0.95	1.27	4.77	6.04	26.03	Pass
	165	5825	-10.07	-7.85	4.77	-3.08	26.03	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2$ / 3] = 9.97dBi > 6dBi , so the power density limit shall be reduced to 30-(9.97-6) = 26.03dBm.

802.11ac (VHT40)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=3) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
0	151	5755	-9.44	-7.22	4.77	-2.45	26.03	Pass
	159	5795	-8.27	-6.05	4.77	-1.28	26.03	Pass
1	151	5755	-10.60	-8.38	4.77	-3.61	26.03	Pass
	159	5795	-8.71	-6.49	4.77	-1.72	26.03	Pass
2	151	5755	-9.38	-7.16	4.77	-2.39	26.03	Pass
	159	5795	-7.66	-5.44	4.77	-0.67	26.03	Pass

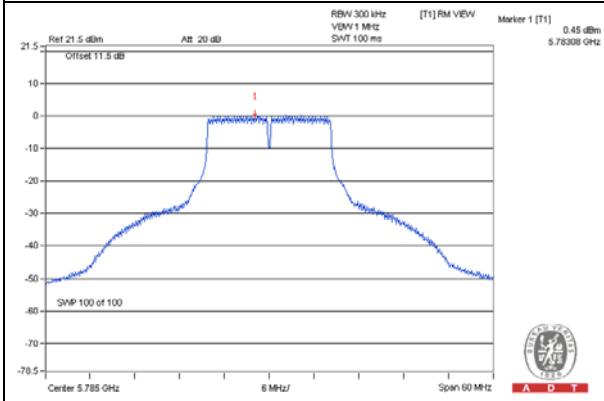
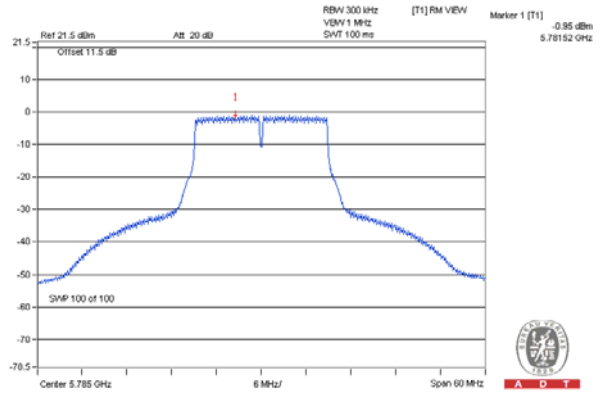
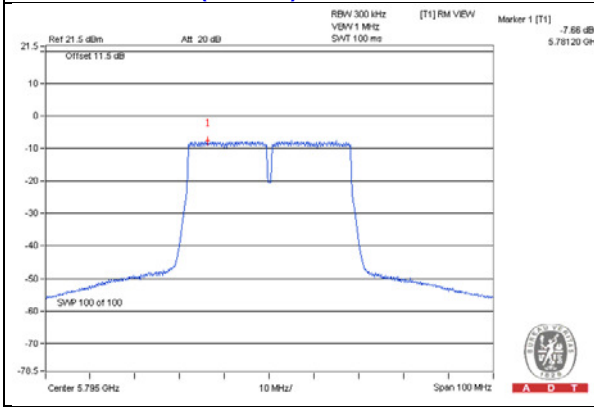
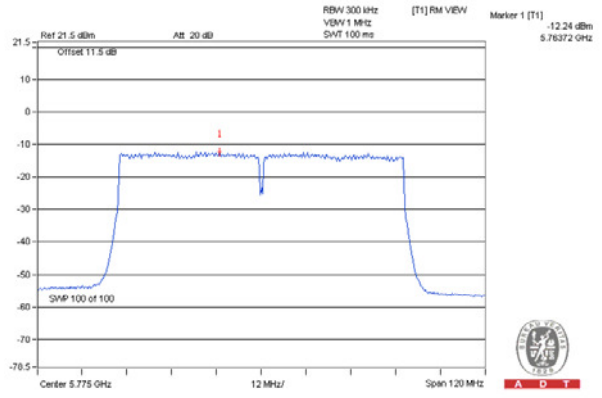
Note: Directional gain = 10 log[($10^{G1/20}$ + $10^{G2/20}$ + $10^{G3/20}$)^2 / 3] = 9.97dBi > 6dBi , so the power density limit shall be reduced to 30-(9.97-6) = 26.03dBm.

802.11ac (VHT80)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=3) dB	Duty Factor (dB)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
0	155	5775	-12.68	-10.46	4.77	0.18	-5.51	26.03	Pass
1	155	5775	-13.20	-10.98	4.77	0.18	-6.03	26.03	Pass
2	155	5775	-12.24	-10.02	4.77	0.18	-5.07	26.03	Pass

Note: 1. Directional gain = 10 log[($10^{G1/20}$ + $10^{G2/20}$ + $10^{G3/20}$)^2 / 3] = 9.97dBi > 6dBi , so the power density limit shall be reduced to 30-(9.97-6) = 26.03dBm.

2. Refer to section 3.3 for duty cycle spectrum plot.

Spectrum Plot of Worst Value	
802.11a – Chain 2: CH 157	**802.11ac (VHT20) – Chain 2: CH 157**
	
802.11ac (VHT40) – Chain 2: CH 159	**802.11ac (VHT80) – Chain 2: CH 155**
	

2TX
CDD Mode
802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1			
36	5180	6.59	5.18	8.95	14.56	Pass
40	5200	7.47	5.35	9.55	14.56	Pass
48	5240	6.79	6.15	9.49	14.56	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.44dBi > 6dBi , so the power density limit shall be reduced to 17-(8.44-6) = 14.56dBm.

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1			
36	5180	5.73	4.04	7.98	14.56	Pass
40	5200	6.92	5.59	9.32	14.56	Pass
48	5240	6.36	5.50	8.96	14.56	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.44dBi > 6dBi , so the power density limit shall be reduced to 17-(8.44-6) = 14.56dBm.

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1			
38	5190	0.32	-1.45	2.53	14.56	Pass
46	5230	4.60	2.65	6.74	14.56	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.44dBi > 6dBi , so the power density limit shall be reduced to 17-(8.44-6) = 14.56dBm.

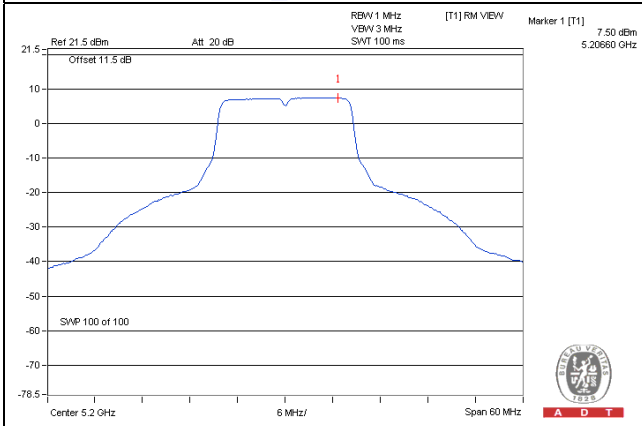
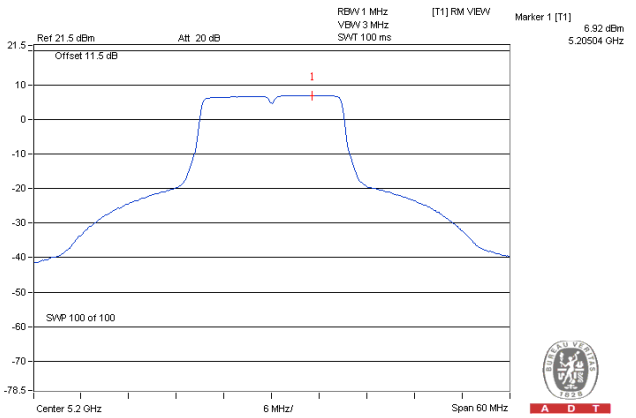
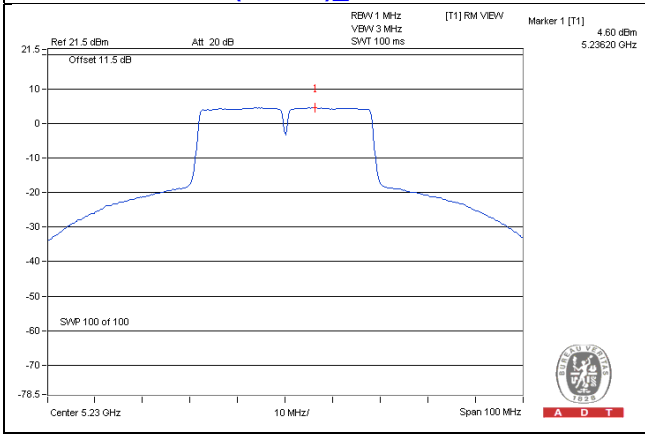
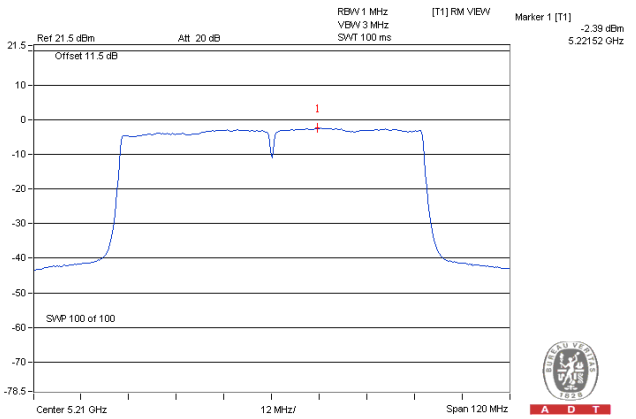
802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Duty Factor (dBm/MHz)	Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
42	5210	-2.39	-4.58	0.18	-0.16	14.56	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.44dBi > 6dBi , so the power density limit shall be reduced to 17-(8.44-6) = 14.56dBm.

3. Refer to section 3.3 for duty cycle spectrum plot.

Spectrum Plot of Worst Value	
802.11a_Chain 0 / CH40	**802.11ac (VHT20)_Chain 0 / CH40**
	
802.11ac (VHT40)_Chain 0 / CH46	**802.11ac (VHT80)_Chain 0 / CH42**
	

For U-NII-3:
CDD Mode

Chain 0+1
802.11a

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=2) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
0	149	5745	-3.11	-0.89	3.01	2.12	27.79	Pass
	157	5785	-0.36	1.86	3.01	4.87	27.79	Pass
	165	5825	-0.91	1.31	3.01	4.32	27.79	Pass
1	149	5745	-4.63	-2.41	3.01	0.60	27.79	Pass
	157	5785	-1.19	1.03	3.01	4.04	27.79	Pass
	165	5825	-1.37	0.85	3.01	3.86	27.79	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.21dBi > 6dBi , so the power density limit shall be reduced to 30-(8.21-6) = 27.79dBm.

802.11ac (VHT20)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=2) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
0	149	5745	-4.69	-2.47	3.01	0.54	27.79	Pass
	157	5785	-1.10	1.12	3.01	4.13	27.79	Pass
	165	5825	-2.02	0.20	3.01	3.21	27.79	Pass
1	149	5745	-5.47	-3.25	3.01	-0.24	27.79	Pass
	157	5785	-1.80	0.42	3.01	3.43	27.79	Pass
	165	5825	-2.93	-0.71	3.01	2.30	27.79	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.21dBi > 6dBi , so the power density limit shall be reduced to 30-(8.21-6) = 27.79dBm.

802.11ac (VHT40)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=2) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
0	151	5755	-8.21	-5.99	3.01	-2.98	27.79	Pass
	159	5795	-6.46	-4.24	3.01	-1.23	27.79	Pass
1	151	5755	-9.50	-7.28	3.01	-4.27	27.79	Pass
	159	5795	-7.15	-4.93	3.01	-1.92	27.79	Pass

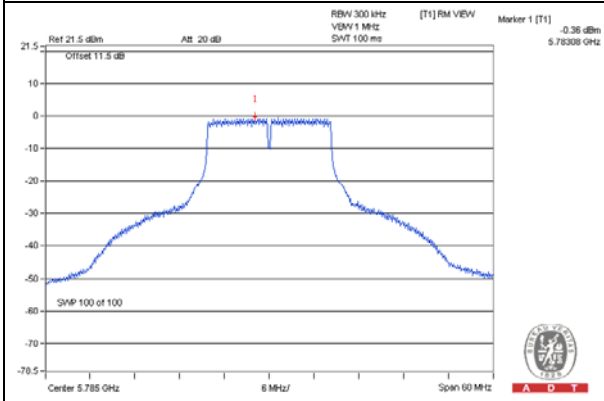
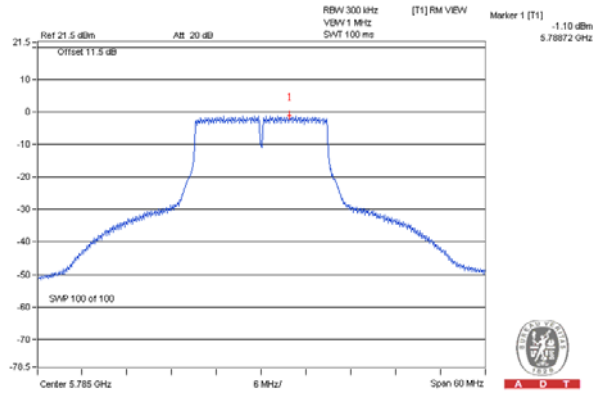
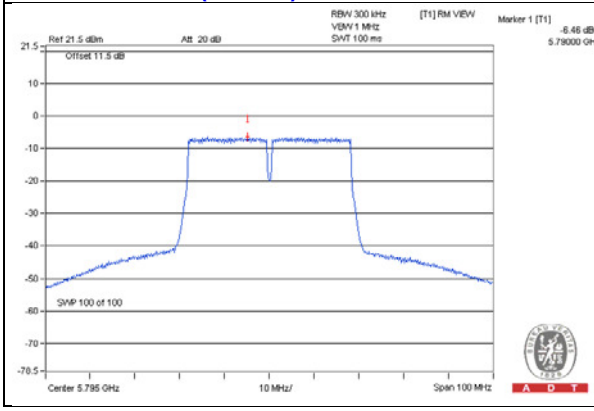
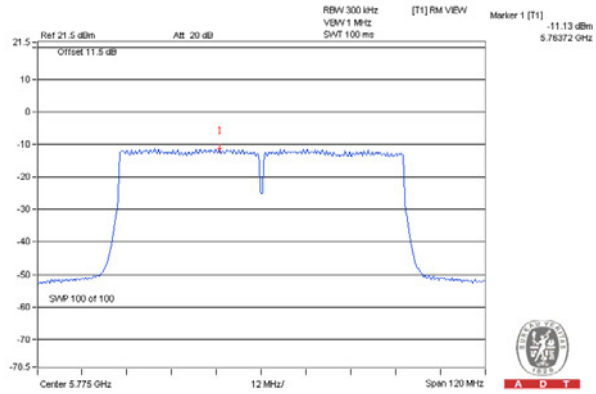
Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.21dBi > 6dBi , so the power density limit shall be reduced to 30-(8.21-6) = 27.79dBm.

802.11ac (VHT80)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=2) dB	Duty Factor (dB)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
0	155	5775	-11.13	-8.91	3.01	0.18	-5.72	27.79	Pass
1	155	5775	-11.94	-9.72	3.01	0.18	-6.53	27.79	Pass

Note: 1. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2] = 8.21dBi > 6dBi , so the power density limit shall be reduced to 30-(8.21-6) = 27.79dBm.

2. Refer to section 3.3 for duty cycle spectrum plot.

Spectrum Plot of Worst Value	
802.11a – Chain 0: CH 157	**802.11ac (VHT20) – Chain 0: CH 157**
	
802.11ac (VHT40) – Chain 0: CH 159	**802.11ac (VHT80) – Chain 0: CH 155**
	

1TX
CDD Mode
Chain 0
802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
36	5180	6.80	17	Pass
40	5200	7.50	17	Pass
48	5240	6.87	17	Pass

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
36	5180	5.79	17	Pass
40	5200	6.92	17	Pass
48	5240	6.45	17	Pass

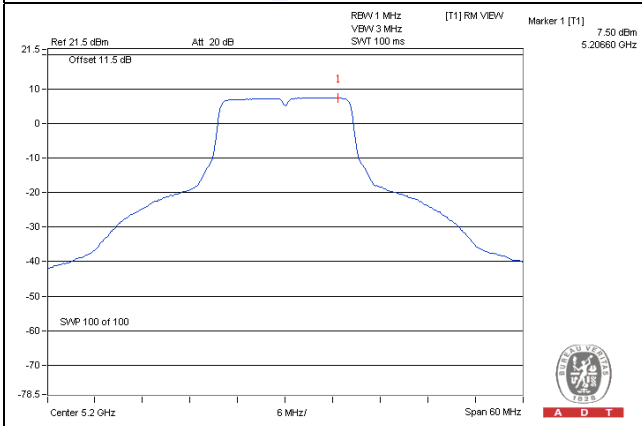
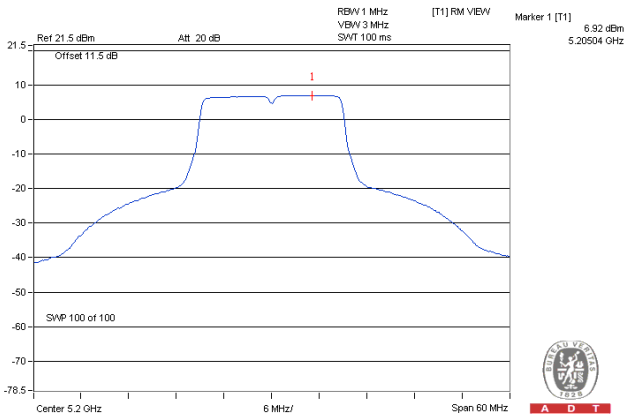
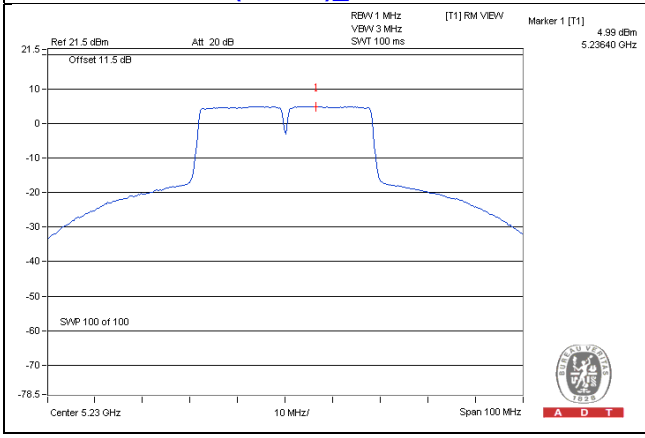
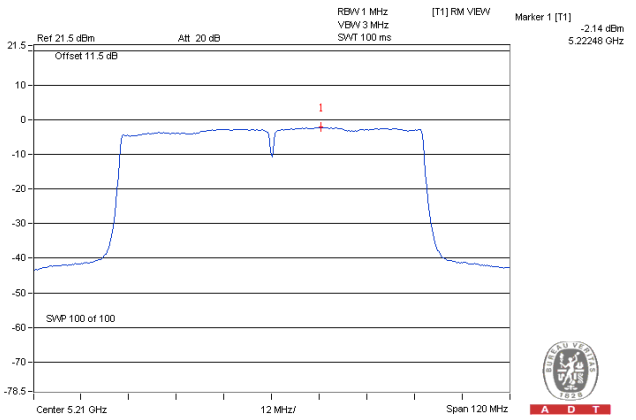
802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
36	5180	0.82	17	Pass
40	5200	4.99	17	Pass

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
42	5210	-2.14	0.18	-1.96	17	Pass

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

Spectrum Plot of Worst Value	
802.11a_Chain 0 / CH40	**802.11ac (VHT20)_Chain 0 / CH40**
	
802.11ac (VHT40)_Chain 0 / CH46	**802.11ac (VHT80)_Chain 0 / CH42**
	

For U-NII-3:
CDD Mode

Chain 0
802.11a

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=1) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
0	149	5745	-2.80	-0.58	0.00	-0.58	30	Pass
	157	5785	-0.36	1.86	0.00	1.86	30	Pass
	165	5825	-0.89	1.33	0.00	1.33	30	Pass

802.11ac (VHT20)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=1) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
0	149	5745	-4.01	-1.79	0.00	-1.79	30	Pass
	157	5785	-1.10	1.12	0.00	1.12	30	Pass
	165	5825	-1.57	0.65	0.00	0.65	30	Pass

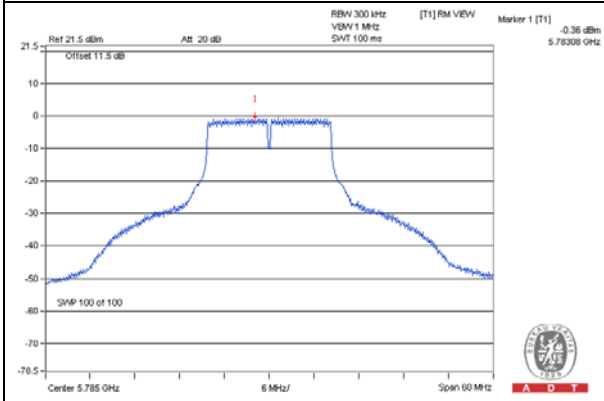
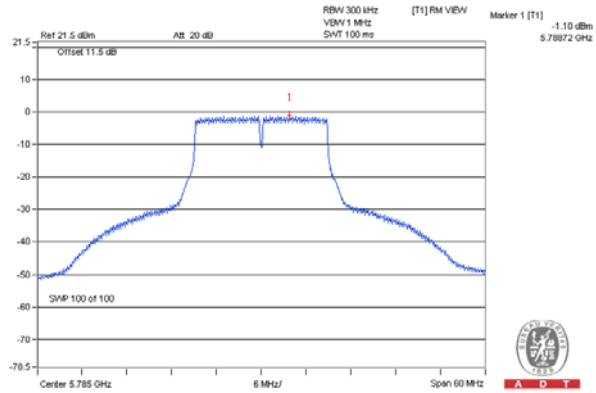
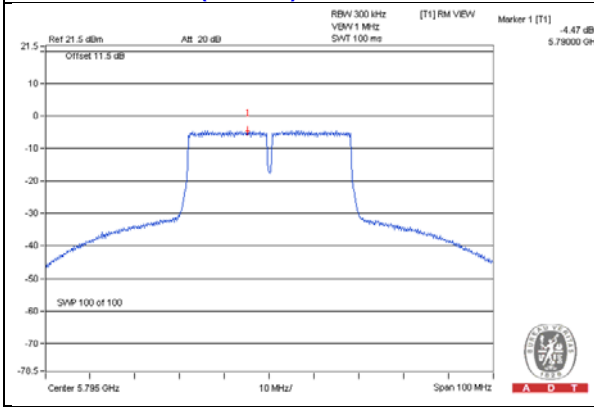
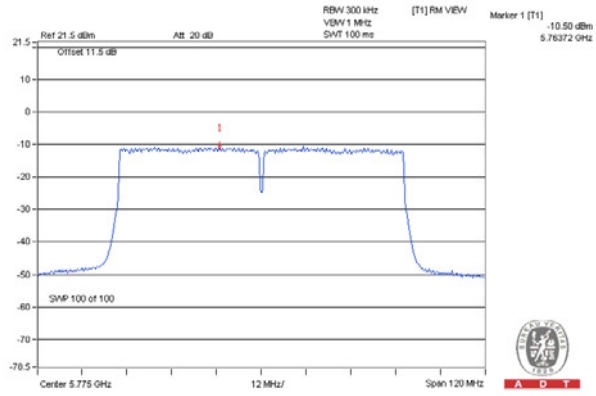
802.11ac (VHT40)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=1) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
0	151	5755	-8.21	-5.99	0.00	-5.99	30	Pass
	159	5795	-4.47	-2.25	0.00	-2.25	30	Pass

802.11ac (VHT80)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=1) dB	Duty Factor (dB)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
0	155	5775	-10.50	-8.28	0.00	0.18	-8.10	30	Pass

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

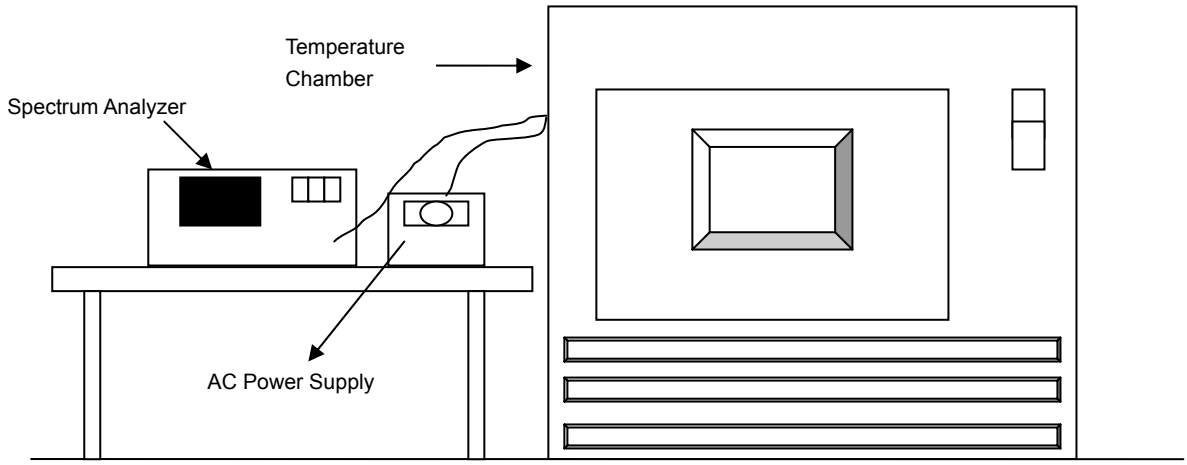
Spectrum Plot of Worst Value	
802.11a – Chain 0: CH 157	**802.11ac (VHT20) – Chain 0: CH 157**
	
802.11ac (VHT40) – Chain 0: CH 159	**802.11ac (VHT80) – Chain 0: CH 155**
	

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 (Mode 1)

FREQUENCYSTABILITY 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	5180.0183	0.00035	5180.0199	0.00038	5180.018	0.00035	5180.0188	0.00036
40	120	5179.9983	-0.00003	5179.9972	-0.00005	5179.9964	-0.00007	5179.9949	-0.00010
30	120	5180.0032	0.00006	5180.0034	0.00007	5179.9999	0.00000	5180.0043	0.00008
20	120	5179.9937	-0.00012	5179.9956	-0.00008	5179.9944	-0.00011	5179.9917	-0.00016
10	120	5179.98	-0.00039	5179.979	-0.00041	5179.9824	-0.00034	5179.9795	-0.00040
0	120	5180.0059	0.00011	5180.0049	0.00009	5180.0059	0.00011	5180.0033	0.00006
-10	120	5180.0207	0.00040	5180.022	0.00042	5180.0175	0.00034	5180.0183	0.00035
-20	120	5179.9981	-0.00004	5179.9993	-0.00001	5179.9985	-0.00003	5179.9997	-0.00001
-30	120	5179.9779	-0.00043	5179.9747	-0.00049	5179.9741	-0.00050	5179.9785	-0.00042

FREQUENCYSTABILITY 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	5179.9944	-0.00011	5179.9955	-0.00009	5179.9936	-0.00012	5179.9915	-0.00016
	120	5179.9937	-0.00012	5179.9956	-0.00008	5179.9944	-0.00011	5179.9917	-0.00016
	102	5179.9931	-0.00013	5179.9952	-0.00009	5179.9948	-0.00010	5179.9917	-0.00016

4.5.8 Test Results (Mode 2)

FREQUENCYSTABILITY 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	5180.0041	0.00008	5180.0023	0.00004	5180.002	0.00004	5180.0026	0.00005
40	120	5179.9798	-0.00039	5179.9757	-0.00047	5179.9783	-0.00042	5179.9789	-0.00041
30	120	5180.0048	0.00009	5180.0073	0.00014	5180.0039	0.00008	5180.0073	0.00014
20	120	5179.9831	-0.00033	5179.9844	-0.00030	5179.9846	-0.00030	5179.9846	-0.00030
10	120	5180.0143	0.00028	5180.0165	0.00032	5180.0121	0.00023	5180.0165	0.00032
0	120	5179.9945	-0.00011	5179.9907	-0.00018	5179.9945	-0.00011	5179.9903	-0.00019
-10	120	5179.9976	-0.00005	5180.0006	0.00001	5179.9981	-0.00004	5179.9975	-0.00005
-20	120	5180.0058	0.00011	5180.006	0.00012	5180.0075	0.00014	5180.0039	0.00008
-30	120	5179.9904	-0.00019	5179.9897	-0.00020	5179.9887	-0.00022	5179.9888	-0.00022

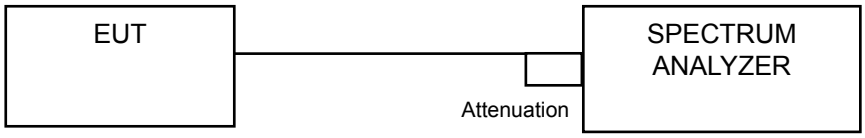
FREQUENCYSTABILITY VERSUS VOLTAGE									
OPERATING FREQUENCY: 5180MHz									
TEMP. (℃)	POWER SUPPLY (Vac)	0 MINUTE		2 MINUTE		5 MINUTE		10 MINUTE	
		Measured Frequency (MHz)	Frequency Drift (%)	Measured Frequency (MHz)	Frequency Drift (%)	Measured Frequency (MHz)	Frequency Drift (%)	Measured Frequency (MHz)	Frequency Drift (%)
20	138	5179.9841	-0.00031	5179.9837	-0.00031	5179.9847	-0.00030	5179.9855	-0.00028
	120	5179.9831	-0.00033	5179.9844	-0.00030	5179.9846	-0.00030	5179.9846	-0.00030
	102	5179.9836	-0.00032	5179.9841	-0.00031	5179.9852	-0.00029	5179.9847	-0.00030

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 (Mode 1)

CDD Mode

3TX

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)			Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2		
149	5745	16.38	16.40	16.40	0.5	PASS
157	5785	16.35	16.37	16.41	0.5	PASS
165	5825	16.36	16.38	16.41	0.5	PASS

802.11n (VHT20)

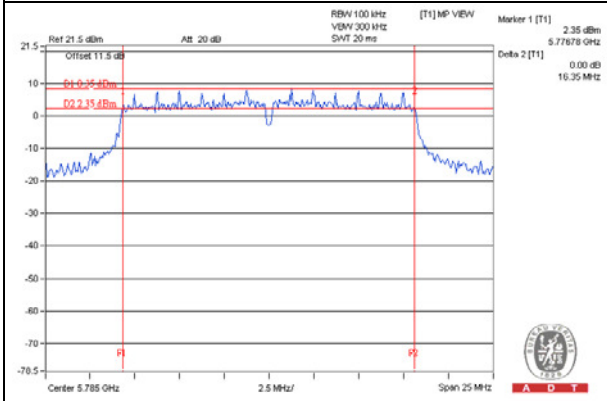
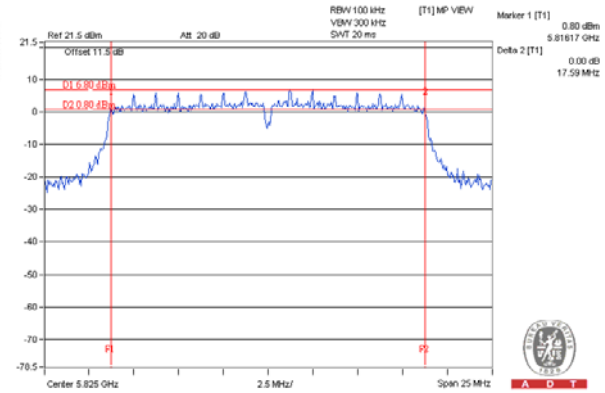
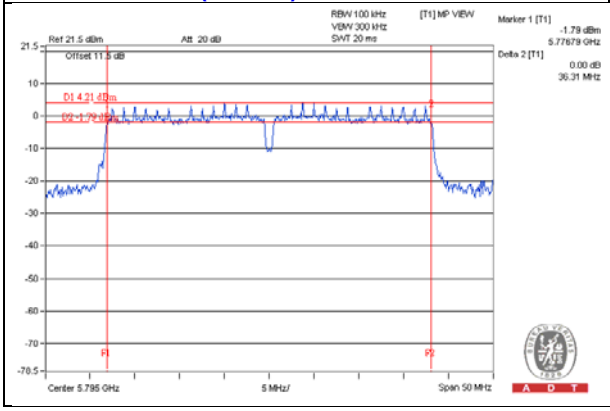
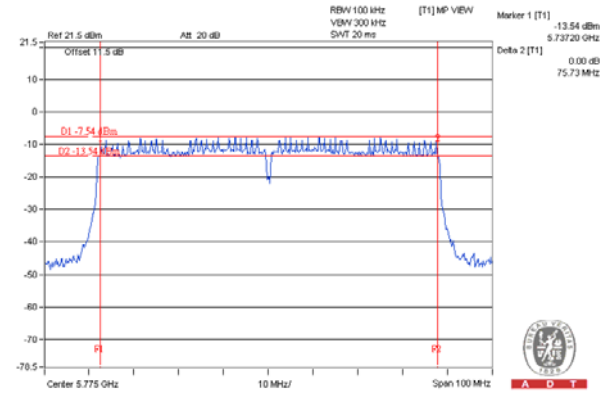
Channel	Frequency (MHz)	6dB Bandwidth (MHz)			Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2		
149	5745	17.63	17.67	17.65	0.5	PASS
157	5785	17.60	17.63	17.63	0.5	PASS
165	5825	17.59	17.63	17.60	0.5	PASS

802.11n (VHT40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)			Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2		
151	5755	36.43	36.44	36.45	0.5	PASS
159	5795	36.31	36.45	36.44	0.5	PASS

802.11ac (VHT80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)			Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2		
155	5775	75.73	76.17	76.20	0.5	PASS

Spectrum Plot of Worst Value	
802.11a – Chain 0: CH 157	**802.11ac (VHT20) – Chain 0: CH 165**
	
802.11ac (VHT40) – Chain 0: CH 159	**802.11ac (VHT80) – Chain 0: CH 155**
	

2TX
802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 1	Chain 2		
149	5745	16.37	16.41	0.5	PASS
157	5785	16.36	16.37	0.5	PASS
165	5825	16.37	16.38	0.5	PASS

802.11n (VHT20)

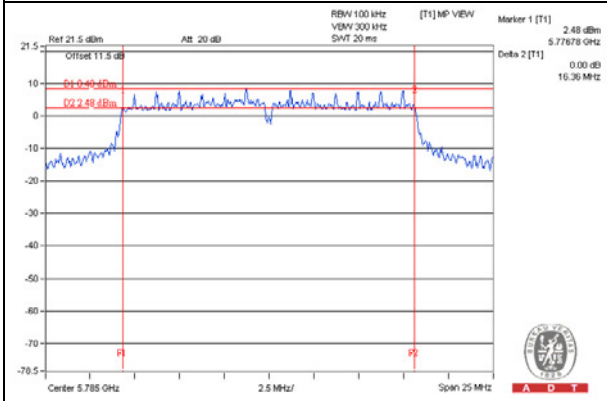
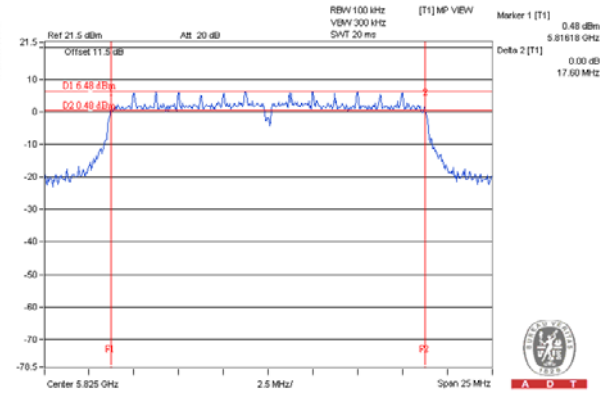
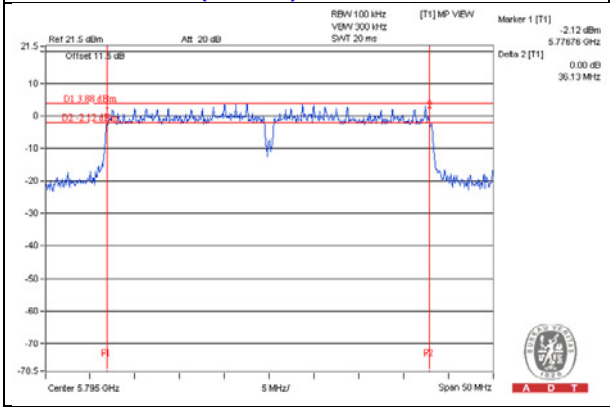
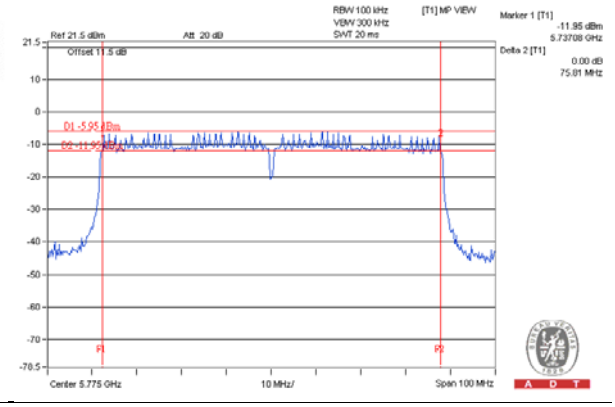
Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 1	Chain 2		
149	5745	17.65	17.64	0.5	PASS
157	5785	17.63	17.65	0.5	PASS
165	5825	17.63	17.60	0.5	PASS

802.11n (VHT40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 1	Chain 2		
151	5755	36.42	36.43	0.5	PASS
159	5795	36.13	36.29	0.5	PASS

802.11ac (VHT80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 1	Chain 2		
155	5775	76.06	75.81	0.5	PASS

Spectrum Plot of Worst Value	
802.11a – Chain 1: CH 157	**802.11ac (VHT20) – Chain 2: CH 165**
	
802.11ac (VHT40) – Chain 1: CH 159	**802.11ac (VHT80) – Chain 2: CH 155**
	

1TX

Chain 2

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
149	5745	17.64	0.5	PASS
157	5785	17.61	0.5	PASS
165	5825	17.61	0.5	PASS

802.11n (VHT20)

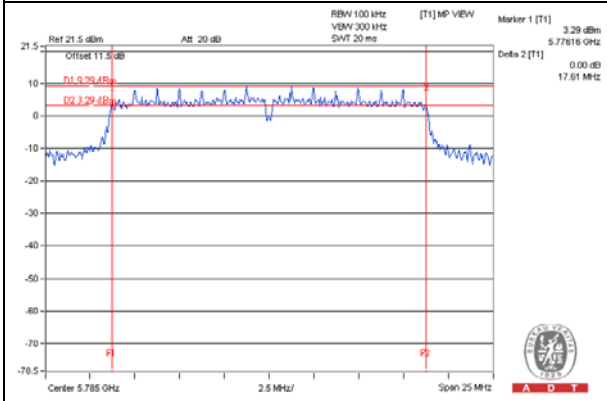
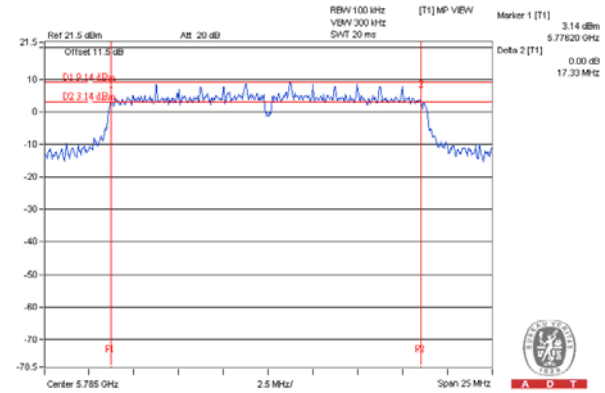
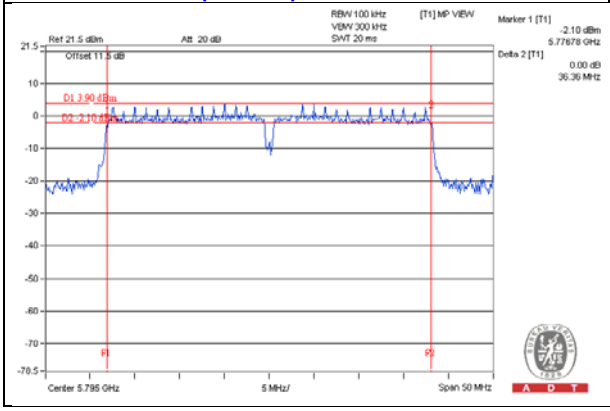
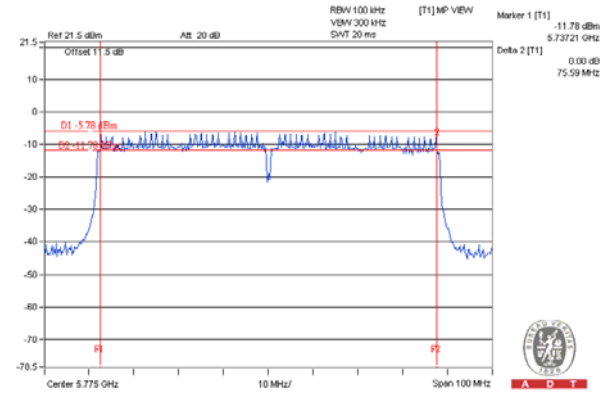
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
149	5745	17.65	0.5	PASS
157	5785	17.33	0.5	PASS
165	5825	17.59	0.5	PASS

802.11n (VHT40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
151	5755	36.43	0.5	PASS
159	5795	36.36	0.5	PASS

802.11ac (VHT80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
155	5775	75.59	0.5	PASS

Spectrum Plot of Worst Value	
802.11a – Chain 2: CH 157	**802.11ac (VHT20) – Chain 2: CH 157**
	
802.11ac (VHT40) – Chain 2: CH 159	**802.11ac (VHT80) – Chain 2: CH 155**
	

4.6.8 Test Results (Mode 2)

CDD Mode

3TX

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)			Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2		
149	5745	16.42	16.42	16.41	0.5	PASS
157	5785	16.41	16.39	16.43	0.5	PASS
165	5825	16.42	16.41	16.42	0.5	PASS

802.11n (VHT20)

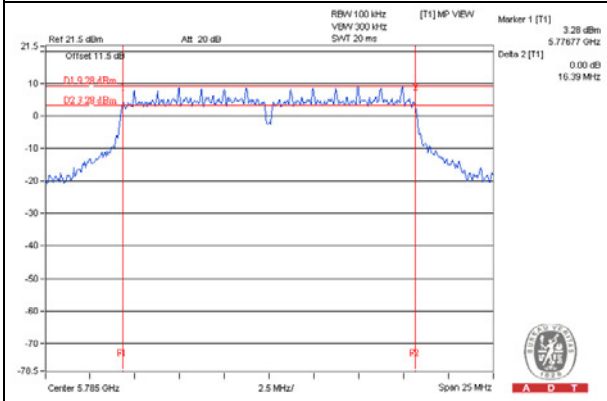
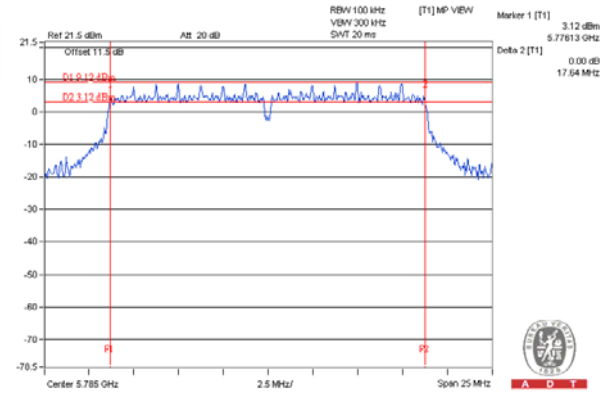
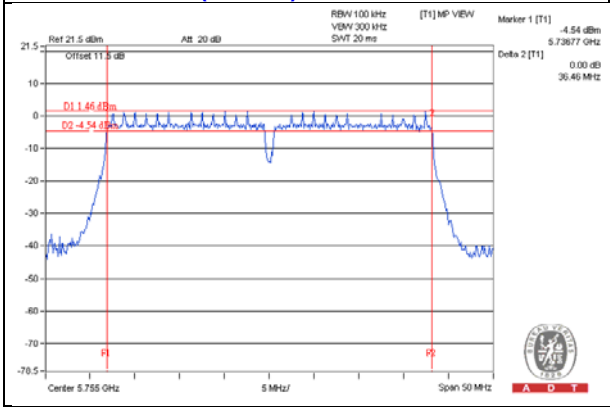
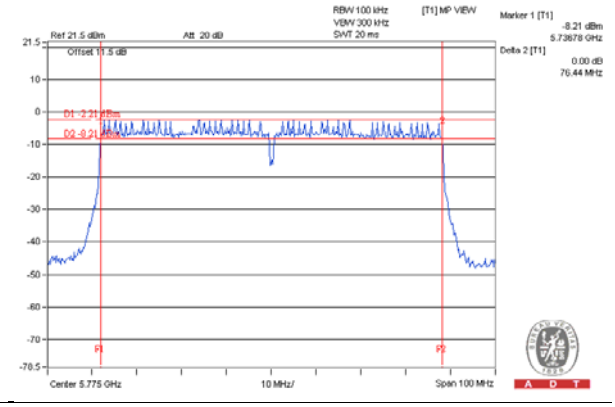
Channel	Frequency (MHz)	6dB Bandwidth (MHz)			Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2		
149	5745	17.66	17.68	17.66	0.5	PASS
157	5785	17.66	17.64	17.65	0.5	PASS
165	5825	17.65	17.65	17.65	0.5	PASS

802.11n (VHT40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)			Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2		
151	5755	36.46	36.48	36.47	0.5	PASS
159	5795	36.47	36.49	36.47	0.5	PASS

802.11ac (VHT80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)			Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2		
155	5775	76.45	76.44	76.46	0.5	PASS

Spectrum Plot of Worst Value	
802.11a – Chain 1: CH 157	**802.11ac (VHT20) – Chain 1: CH 157**
	
802.11ac (VHT40) – Chain 0: CH 151	**802.11ac (VHT80) – Chain 1: CH 155**
	

2TX
802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
149	5745	16.42	16.41	0.5	PASS
157	5785	16.41	16.39	0.5	PASS
165	5825	16.41	16.41	0.5	PASS

802.11n (VHT20)

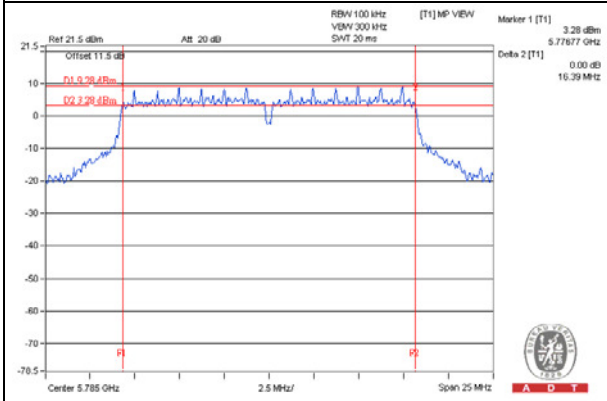
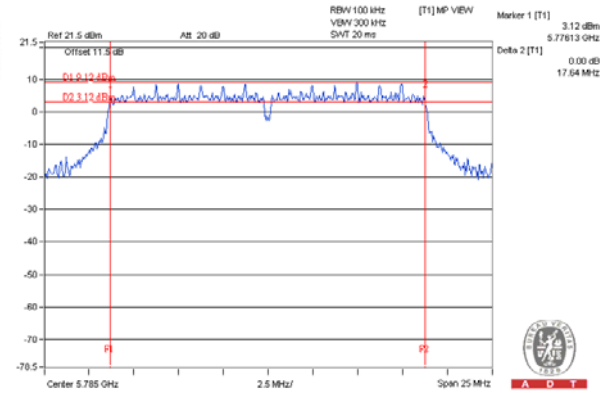
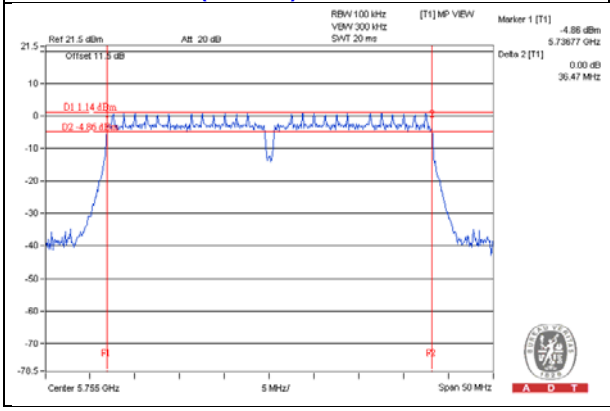
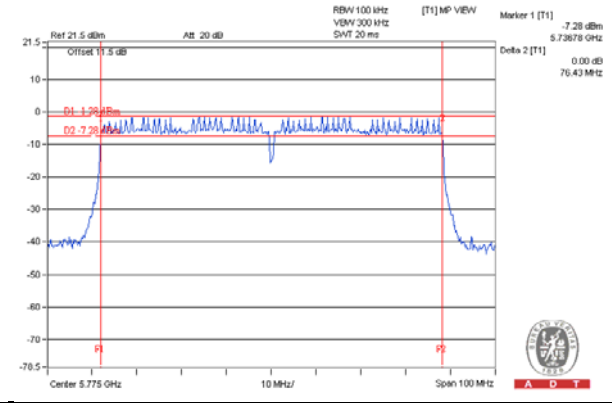
Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
149	5745	17.66	17.68	0.5	PASS
157	5785	17.66	17.64	0.5	PASS
165	5825	17.64	17.64	0.5	PASS

802.11n (VHT40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
151	5755	36.48	36.47	0.5	PASS
159	5795	36.47	36.49	0.5	PASS

802.11ac (VHT80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
155	5775	76.42	76.43	0.5	PASS

Spectrum Plot of Worst Value	
802.11a – Chain 1: CH 157	**802.11ac (VHT20) – Chain 1: CH 157**
	
802.11ac (VHT40) – Chain 1: CH 151	**802.11ac (VHT80) – Chain 1: CH 155**
	

1TX
Chain 0
802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
		Chain 0		
149	5745	16.41	0.5	PASS
157	5785	16.41	0.5	PASS
165	5825	16.40	0.5	PASS

802.11n (VHT20)

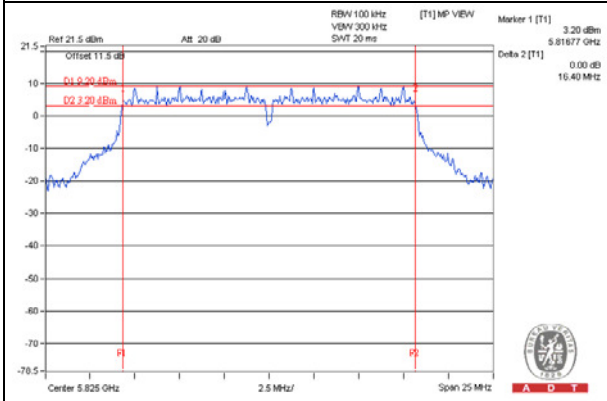
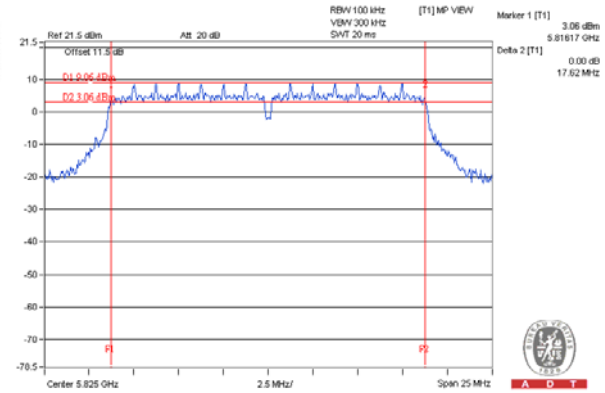
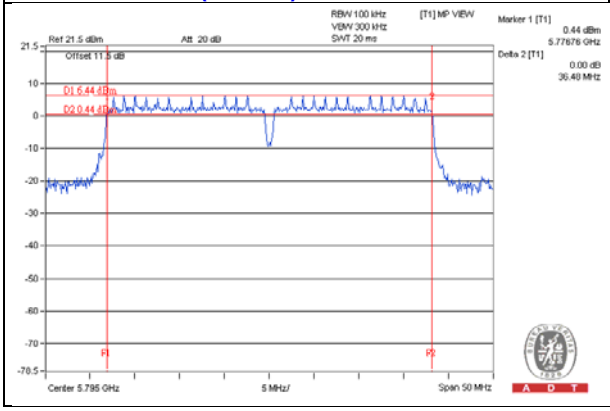
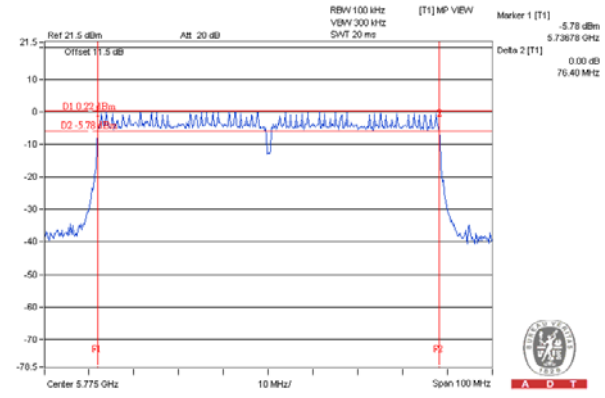
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
		Chain 0		
149	5745	17.67	0.5	PASS
157	5785	17.66	0.5	PASS
165	5825	17.62	0.5	PASS

802.11n (VHT40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
		Chain 0		
151	5755	36.49	0.5	PASS
159	5795	36.48	0.5	PASS

802.11ac (VHT80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
		Chain 0		
155	5775	76.40	0.5	PASS

Spectrum Plot of Worst Value	
802.11a – Chain 0: CH 165	**802.11ac (VHT20) – Chain 0: CH 165**
	
802.11ac (VHT40) – Chain 0: CH 159	**802.11ac (VHT80) – Chain 0: CH 155**
	

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/Telecom Lab
Tel: 886-3-6668565
Fax: 886-3-6668323

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

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

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

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