FCC Test Report (DFS Band)

Report No.:	RF170912E01D-1
FCC ID:	2AHBN-AP61
Test Model:	AP61E, AP61
Received Date:	Sep. 14, 2017
Test Date:	Oct. 04 to Nov. 14, 2017
Issued Date:	Jan. 04, 2018
Applicant:	Mist Systems, Inc.
Address:	1601 South De Anza Blvd. Suite 248 Cupertino California United States 95014
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:	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan R.O.C.
FCC Registration / Designation Number:	723255 / TW2022

Testing Laboratory
2022

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Release Control Record

Issue No.	Description	Date Issued
RF170912E01D-1	Original release.	Jan. 04, 2018

1 Certificate of Conformity

Product:	Premium Outdoor Wi-Fi & BLE Array AP
Brand:	Mist
Test Model:	AP61E, AP61
Sample Status:	ENGINEERING SAMPLE
Applicant:	Mist Systems, Inc.
Test Date:	Oct. 04 to Nov. 14, 2017
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:** Jan. 04, 2018

Wendy Wu / Specialist

Approved by : _____ , **Date:** Jan. 04, 2018

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 -12.78dB at 0.16953MHz.
15.407(b) (1/2/3/4(i/ii)/6)	Radiated Emissions & Band Edge Measurement*	Pass	Meet the requirement of limit. Minimum passing margin is -0.1dB at 5470.00MHz, 5350.00MHz, 5725.00MHz.
15.407(a)(1/2/3)	Max Average Transmit Power	Pass	Meet the requirement of limit.
---	Occupied Bandwidth Measurement	-	Reference only.
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	Expanded Uncertainty (k=2) (±)
Conducted Emissions at mains ports	150kHz ~ 30MHz	1.84 dB
Radiated Emissions up to 1 GHz	30MHz ~ 1GHz	5.32 dB
Radiated Emissions above 1 GHz	1GHz ~ 6GHz	5.14 dB
	6GHz ~ 18GHz	5.04 dB
	18GHz ~ 40GHz	5.25 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT (DFS Band)

Product	Premium Outdoor Wi-Fi & BLE Array AP
Brand	Mist
Test Model	AP61E, AP61
Status of EUT	ENGINEERING SAMPLE
Power Supply Rating	802.3at (50-57Vdc)
Modulation Type	64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode
Modulation Technology	OFDM
Transfer Rate	802.11a: up to 54Mbps 802.11n: up to 600Mbps 802.11ac: up to 1733.3Mbps
Operating Frequency	5.26GHz ~ 5.32GHz, 5.50GHz ~ 5.72GHz
Number of Channel	802.11a, 802.11n (HT20), 802.11ac (VHT20): 16 802.11n (HT40), 802.11ac (VHT40): 8 802.11ac (VHT80): 4
Output Power	**5.26 ~ 5.32GHz:** **1TX:** 248.886mW **CDD Mode:** **4TX:** 74.876mW **3TX:** 105.248mW **2TX:** 156.699mW **Beamforming Mode:** **4TX:** 78.489mW **3TX:** 104.361mW **2TX:** 156.699mW **5.50 ~ 5.72GHz:** **1TX:** 218.273mW **CDD Mode:** **4TX:** 74.955mW **3TX:** 105.311mW **2TX:** 156.699mW **Beamforming Mode:** **4TX:** 78.915mW **3TX:** 104.99mW **2TX:** 156.724mW
Antenna Type	Refer to Note
Antenna Connector	Refer to Note
Accessory Device	NA
Data Cable Supplied	NA

Note:

1. This report is prepared for FCC class II permissive change. The difference compared with the Report No.: RF170912E01A-1 as the following:
   - ◆ Add DFS band <5.26 ~ 5.32GHz, 5.5 ~ 5.72GHz>.
2. According to above condition, all test items need to be performed. And all data weres verified to meet the requirements.
3. The EUT has below model as following table:

Product	Brand	Model	Difference
Premium Outdoor Wi-Fi & BLE Array AP	Mist	AP61	1. Internal Antenna 2. For marketing purpose
Premium Outdoor Wi-Fi & BLE Array AP	Mist	AP61E	1. External Antenna 2. For marketing purpose

4. There are WLAN and Bluetooth technology used for the EUT. The EUT has three radios as following table:

Radio 1	**Radio 2**	**Radio 3**
WLAN - 2.4GHz + 5GHz	(Scanning Radio) WLAN RX only - 2.4GHz + 5GHz	Bluetooth

5. Simultaneously transmission condition.

Condition	**Technology**	
1	WLAN 2.4GHz (Radio 1)	Bluetooth(Radio 3)
2	WLAN 5GHz (Radio 1)	Bluetooth(Radio 3)
Note: The emission of the simultaneous operation has been evaluated and no non-compliance was found.		

6. The EUT must be supplied with a POE (only for test not for sale) as following table:

Brand	Model No.	Spec.
Microsemi	PD-9001GR/AT/AC	Input: 100-240Vac, 50/60Hz, 0.67A Output: 55Vdc, 0.6A

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

For Model No.: AP61

Radio 1- WLAN - 2.4GHz + 5GHz (Internal antenna)

Antenna Set	Transmitter Circuit	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connecter Type
1	Chain (0)	3.87	2.4~2.4835	PIFA	i-pex(MHF)
		4.94	5.15~5.25		
		4.66	5.25~5.35		
		4.25	5.47~5.725		
		4.42	5.725~5.85		
	Chain (1)	3.91	2.4~2.4835	PIFA	i-pex(MHF)
		4.23	5.15~5.25		
		4.54	5.25~5.35		
		4.66	5.47~5.725		
		4.70	5.725~5.85		
	Chain (2)	3.93	2.4~2.4835	PIFA	i-pex(MHF)
		4.53	5.15~5.25		
		4.86	5.25~5.35		
		4.95	5.47~5.725		
		4.94	5.725~5.85		
	Chain (3)	3.81	2.4~2.4835	PIFA	i-pex(MHF)
		4.50	5.15~5.25		
		4.92	5.25~5.35		
		4.71	5.47~5.725		
		4.90	5.725~5.85		

Radio 2- WLAN RX only - 2.4GHz + 5GHz (Scanning radio antenna)

Antenna No.	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connecter Type
1	3.85	2.4~2.4835	PIFA	i-pex(MHF)
	4.61	5.15~5.25		
	4.71	5.25~5.35		
	4.72	5.47~5.725		
	4.73	5.725~5.85		

Radio 3 - Bluetooth

Antenna No.	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connecter Type
1	3.56	2.4~2.4835	Omni	i-pex(MHF)
2	5.01	2.4~2.4835	Patch	i-pex(MHF)

For Model No.: AP61E							
Radio 1 - WLAN - 2.4GHz + 5GHz (External antenna)							
Antenna Set	Transmitter Circuit	Brand	Model	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connecter Type
1	Chain (0)	PCTEL	FPMI2458-DP4NM	6	2.4~2.4835	Sector	R-N Type
				5	5.15~5.25		
				5	5.25~5.35		
				5	5.47~5.725		
				5	5.725~5.85		
	Chain (1)	PCTEL	FPMI2458-DP4NM	6	2.4~2.4835	Sector	R-N Type
				5	5.15~5.25		
				5	5.25~5.35		
				5	5.47~5.725		
				5	5.725~5.85		
	Chain (2)	PCTEL	FPMI2458-DP4NM	6	2.4~2.4835	Sector	R-N Type
				5	5.15~5.25		
				5	5.25~5.35		
				5	5.47~5.725		
				5	5.725~5.85		
	Chain (3)	PCTEL	FPMI2458-DP4NM	6	2.4~2.4835	Sector	R-N Type
				5	5.15~5.25		
				5	5.25~5.35		
				5	5.47~5.725		
				5	5.725~5.85		
Antenna Set	Transmitter Circuit	Brand	Model	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connecter Type
2	Chain (0)	PCTEL	MPMI2458-4-NM	4	2.4~2.4835	Omnidirectional	R-N Type
				4	5.15~5.25		
				4	5.25~5.35		
				4	5.47~5.725		
				4	5.725~5.85		
	Chain (1)	PCTEL	MPMI2458-4-NM	4	2.4~2.4835	Omnidirectional	R-N Type
				4	5.15~5.25		
				4	5.25~5.35		
				4	5.47~5.725		
				4	5.725~5.85		
	Chain (2)	PCTEL	MPMI2458-4-NM	4	2.4~2.4835	Omnidirectional	R-N Type
				4	5.15~5.25		
				4	5.25~5.35		
				4	5.47~5.725		
				4	5.725~5.85		
	Chain (3)	PCTEL	MPMI2458-4-NM	4	2.4~2.4835	Omnidirectional	R-N Type
				4	5.15~5.25		
				4	5.25~5.35		
				4	5.47~5.725		
				4	5.725~5.85		

Radio 2 - WLAN RX only - 2.4GHz + 5GHz (Scanning radio antenna)					
Antenna No.	Transmitter Circuit	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connecter Type
1	Chain (0)	3.85	2.4~2.4835	PIFA	i-pex(MHF)
		4.61	5.15~5.25		
		4.71	5.25~5.35		
		4.72	5.47~5.725		
		4.73	5.725~5.85		
Radio 3 - Bluetooth					
Antenna No.	Transmitter Circuit	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connecter Type
1	Chain (0)	3.56	2.4~2.4835	Omni	i-pex(MHF)
2	Chain (1)	5.01	2.4~2.4835	Patch	i-pex(MHF)

Note:
1. Max. gain was selected for Antenna Port Conducted Measurement test.
2. For antennas of radio 2 & 3, Model No.: AP61 is as same as AP61E.

8. The EUT incorporates a MIMO function:

2.4GHz Band			
MODULATION MODE	**DATA RATE (MCS)**	**TX & RX CONFIGURATION**	
802.11b	1 ~ 11Mbps	4TX	4RX
802.11g	6 ~ 54Mbps	4TX	4RX
802.11n (HT20)	MCS 0~7	4TX	4RX
	MCS 8~15	4TX	4RX
	MCS 16~23	4TX	4RX
	MCS 24~31	4TX	4RX
802.11n (HT40)	MCS 0~7	4TX	4RX
	MCS 8~15	4TX	4RX
	MCS 16~23	4TX	4RX
	MCS 24~31	4TX	4RX
VHT20	MCS 0~7	4TX	4RX
	MCS 8~15	4TX	4RX
	MCS 16~23	4TX	4RX
	MCS 24~31	4TX	4RX
VHT40	MCS 0~7	4TX	4RX
	MCS 8~15	4TX	4RX
	MCS 16~23	4TX	4RX
	MCS 24~31	4TX	4RX
5GHz Band			
MODULATION MODE	**DATA RATE (MCS)**	**TX & RX CONFIGURATION**	
802.11a	6 ~ 54Mbps	4TX	4RX
802.11n (HT20)	MCS 0~7	4TX	4RX
	MCS 8~15	4TX	4RX
	MCS 16~23	4TX	4RX
	MCS 24~31	4TX	4RX
802.11n (HT40)	MCS 0~7	4TX	4RX
	MCS 8~15	4TX	4RX
	MCS 16~23	4TX	4RX
	MCS 24~31	4TX	4RX
802.11ac (VHT20)	MCS 0~8, Nss=1	4TX	4RX
	MCS 0~8, Nss=2	4TX	4RX
	MCS 0~9, Nss=3	4TX	4RX
	MCS 0~8, Nss=4	4TX	4RX
802.11ac (VHT40)	MCS 0~9, Nss=1	4TX	4RX
	MCS 0~9, Nss=2	4TX	4RX
	MCS 0~9, Nss=3	4TX	4RX
	MCS 0~9, Nss=4	4TX	4RX
802.11ac (VHT80)	MCS 0~9, Nss=1	4TX	4RX
	MCS 0~9, Nss=2	4TX	4RX
	MCS 0~9, Nss=3	4TX	4RX
	MCS 0~9, Nss=4	4TX	4RX

Note:
1. All of modulation mode support beamforming function except 802.11a/b/g modulation mode.
2. The EUT support Beamforming and CDD mode, therefore both mode were investigated and the worst case scenario was identified. The worst case data were presented in test report.
3. 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.

9. 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 5260 ~ 5320MHz

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

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

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

Channel	Frequency	Channel	Frequency
54	5270 MHz	62	5310 MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency
58	5290 MHz

FOR 5500 ~ 5720MHz

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

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

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

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

3 channels are provided for 802.11ac (VHT80):

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

3.2.1 Test Mode Applicability and Tested Channel Detail

EUT Configure Mode	Applicable To				Description
	RE≥1G	RE<1G	PLC	APCM	
1	√	√	√	√	4TX Mode
2	√	√	-	√	3TX Mode
3	√	√	-	√	2TX Mode
4	√	√	-	√	1TX Mode

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

4TX/3TX/2TX-CDD Mode						
Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11a	5260-5320	52 to 64	52, 60, 64	OFDM	BPSK	6
	5500-5720	100 to 144	100, 116, 140, 144	OFDM	BPSK	6
4TX/3TX/2TX-Beamforming Mode						
Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11ac (VHT20)	5260-5320	52 to 64	52, 60, 64	OFDM	BPSK	6.5
802.11ac (VHT40)		54 to 62	54, 62	OFDM	BPSK	13.5
802.11ac (VHT80)		58	58	OFDM	BPSK	29.3
802.11ac (VHT20)	5500-5720	100 to 144	100, 116, 140, 144	OFDM	BPSK	6.5
802.11ac (VHT40)		102 to 142	102, 110, 134, 142	OFDM	BPSK	13.5
802.11ac (VHT80)		106 to 138	106, 122, 138	OFDM	BPSK	29.3
1TX						
Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11a	5260-5320	52 to 64	52, 60, 64	OFDM	BPSK	6
802.11ac (VHT20)		52 to 64	52, 60, 64	OFDM	BPSK	6.5
802.11ac (VHT40)		54 to 62	54, 62	OFDM	BPSK	13.5
802.11ac (VHT80)		58	58	OFDM	BPSK	29.3
802.11a	5500-5720	100 to 144	100, 116, 140, 144	OFDM	BPSK	6
802.11ac (VHT20)		100 to 144	100, 116, 140, 144	OFDM	BPSK	6.5
802.11ac (VHT40)		102 to 142	102, 110, 134, 142	OFDM	BPSK	13.5
802.11ac (VHT80)		106 to 138	106, 122, 138	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.

4TX/3TX/2TX- Beamforming Mode						
Mode	**FREQ. Band (MHz)**	**Available Channel**	**Tested Channel**	**Modulation Technology**	**Modulation Type**	**Data Rate (Mbps)**
802.11ac (VHT20)	5260-5320 5500-5720	52 to 64 100 to 144	140	OFDM	BPSK	6.5
1TX						
Mode	**FREQ. Band (MHz)**	**Available Channel**	**Tested Channel**	**Modulation Technology**	**Modulation Type**	**Data Rate (Mbps)**
802.11ac (VHT20)	5260-5320 5500-5720	52 to 64 100 to 144	140	OFDM	BPSK	6.5

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.

4TX-Beamforming Mode						
Mode	**FREQ. Band (MHz)**	**Available Channel**	**Tested Channel**	**Modulation Technology**	**Modulation Type**	**Data Rate (Mbps)**
802.11ac (VHT20)	5260-5320 5500-5720	52 to 64 100 to 144	140	OFDM	BPSK	6.5

Antenna Port Conducted Measurement:

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

4TX/3TX/2TX-CDD Mode						
Mode	**FREQ. Band (MHz)**	**Available Channel**	**Tested Channel**	**Modulation Technology**	**Modulation Type**	**Data Rate (Mbps)**
802.11a	5260-5320	52 to 64	52, 60, 64	OFDM	BPSK	6
	5500-5720	100 to 144	100, 116, 140, 144	OFDM	BPSK	6
4TX/3TX/2TX-Beamforming Mode						
Mode	**FREQ. Band (MHz)**	**Available Channel**	**Tested Channel**	**Modulation Technology**	**Modulation Type**	**Data Rate (Mbps)**
802.11ac (VHT20)	5260-5320	52 to 64	52, 60, 64	OFDM	BPSK	6.5
802.11ac (VHT40)		54 to 62	54, 62	OFDM	BPSK	13.5
802.11ac (VHT80)		58	58	OFDM	BPSK	29.3
802.11ac (VHT20)	5500-5720	100 to 144	100, 116, 140, 144	OFDM	BPSK	6.5
802.11ac (VHT40)		102 to 142	102, 110, 134, 142	OFDM	BPSK	13.5
802.11ac (VHT80)		106 to 138	106, 122, 138	OFDM	BPSK	29.3
1TX						
Mode	**FREQ. Band (MHz)**	**Available Channel**	**Tested Channel**	**Modulation Technology**	**Modulation Type**	**Data Rate (Mbps)**
802.11a	5260-5320	52 to 64	52, 60, 64	OFDM	BPSK	6
802.11ac (VHT20)		52 to 64	52, 60, 64	OFDM	BPSK	6.5
802.11ac (VHT40)		54 to 62	54, 62	OFDM	BPSK	13.5
802.11ac (VHT80)		58	58	OFDM	BPSK	29.3
802.11a	5500-5720	100 to 144	100, 116, 140, 144	OFDM	BPSK	6
802.11ac (VHT20)		100 to 144	100, 116, 140, 144	OFDM	BPSK	6.5
802.11ac (VHT40)		102 to 142	102, 110, 134, 142	OFDM	BPSK	13.5
802.11ac (VHT80)		106 to 138	106, 122, 138	OFDM	BPSK	29.3

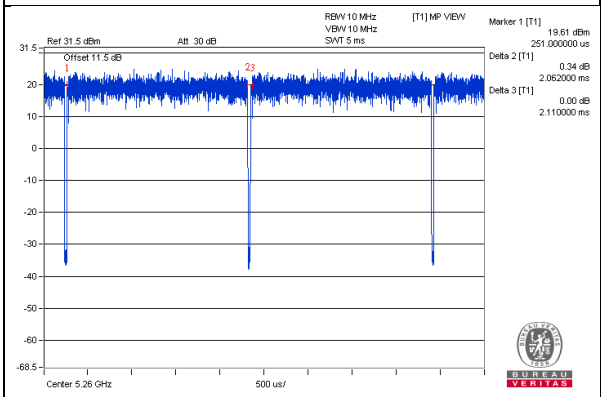
Test Condition:

Applicable To	Environmental Conditions	Input Power (system)	Tested By
RE≥1G	23deg. C, 68%RH	120Vac, 60Hz	Rey chen
RE<1G	24deg. C, 68%RH	120Vac, 60Hz	Rey chen
PLC	26deg. C, 74%RH	120Vac, 60Hz	Andy Ho
APCM	25deg. C, 60%RH	120Vac, 60Hz	Robert Cheng

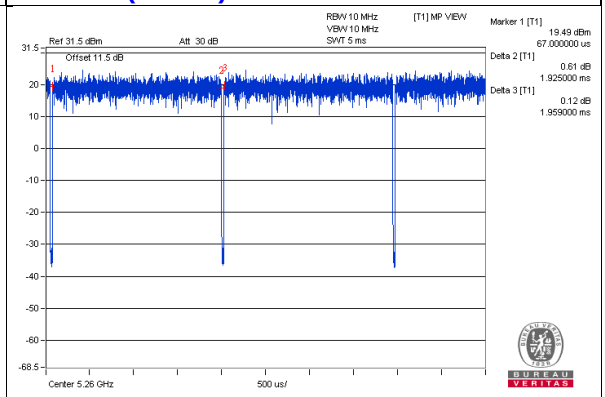
3.3 Duty Cycle of Test Signal

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 = 2.069 ms/2.1 ms = 0.985
802.11ac (VHT20): Duty cycle = 1.925 ms/1.959 ms = 0.983
802.11ac (VHT40): Duty cycle = 0.964 ms/0.984 ms = 0.98
802.11ac (VHT80): Duty cycle = 0.458 ms/0.488 ms = 0.939, Duty factor = 10 * log(1/0.939) = 0.28

802.11a



802.11ac (VHT20)



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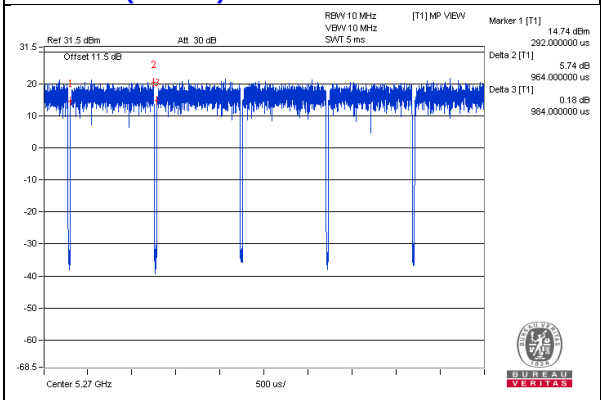
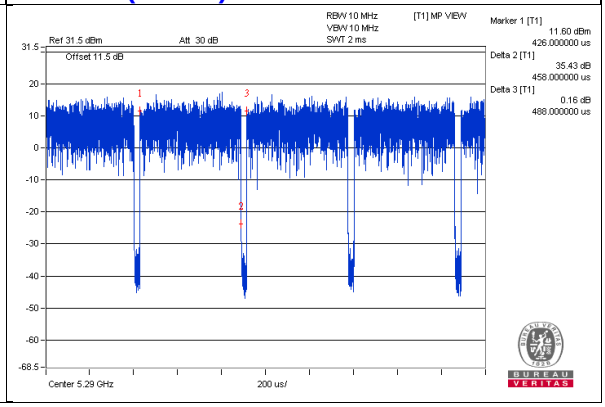


802.11ac (VHT80)



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.	Laptop	DELL	E6420	B92T3R1	FCC DoC	Provided by Lab
B.	Laptop	DELL	E6420	482T3R1	FCC DoC	Provided by Lab
C.	PoE	Microsemi	PD-9001GR/AT/AC	NA	NA	Supplied by client

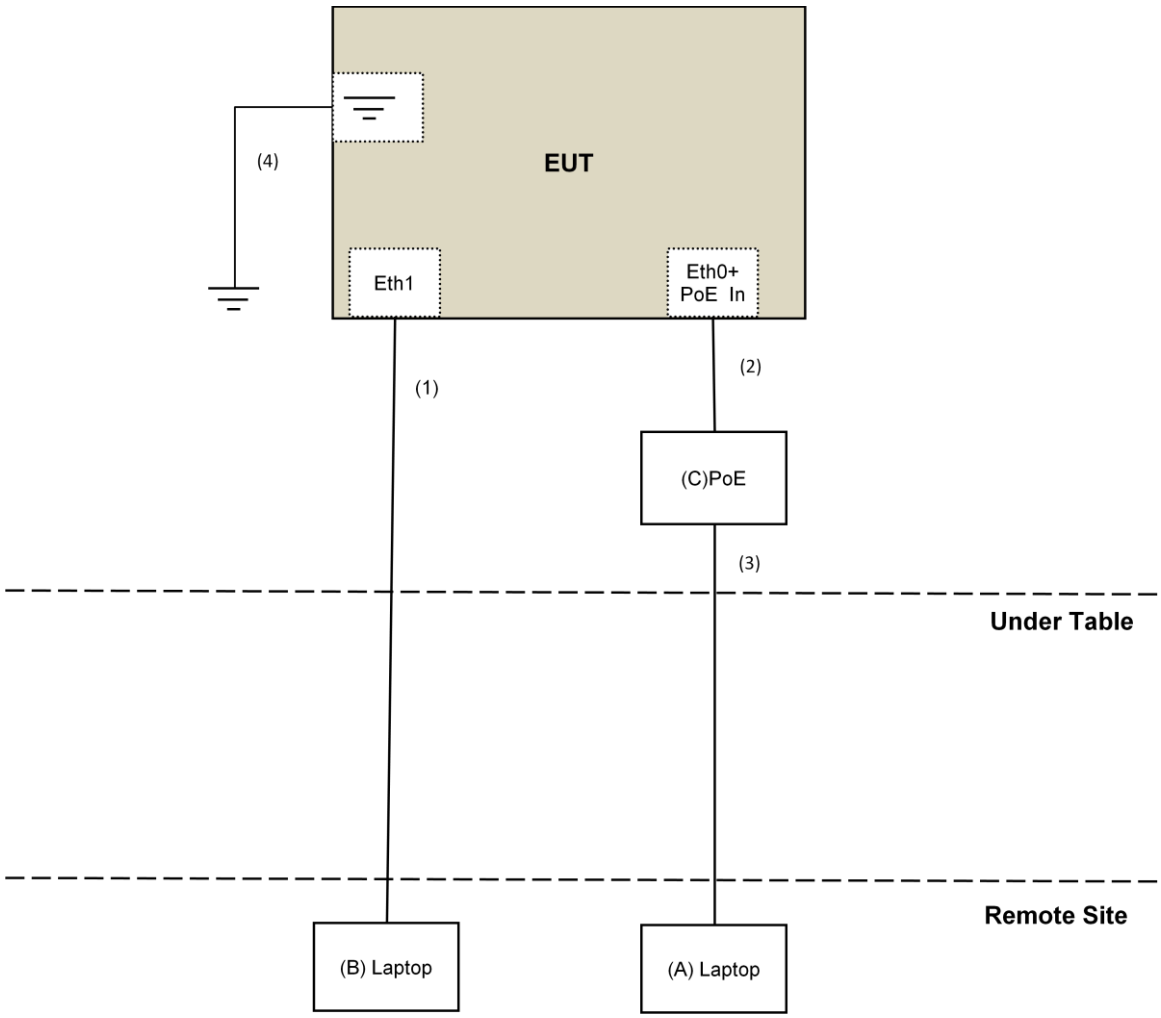
Note:

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

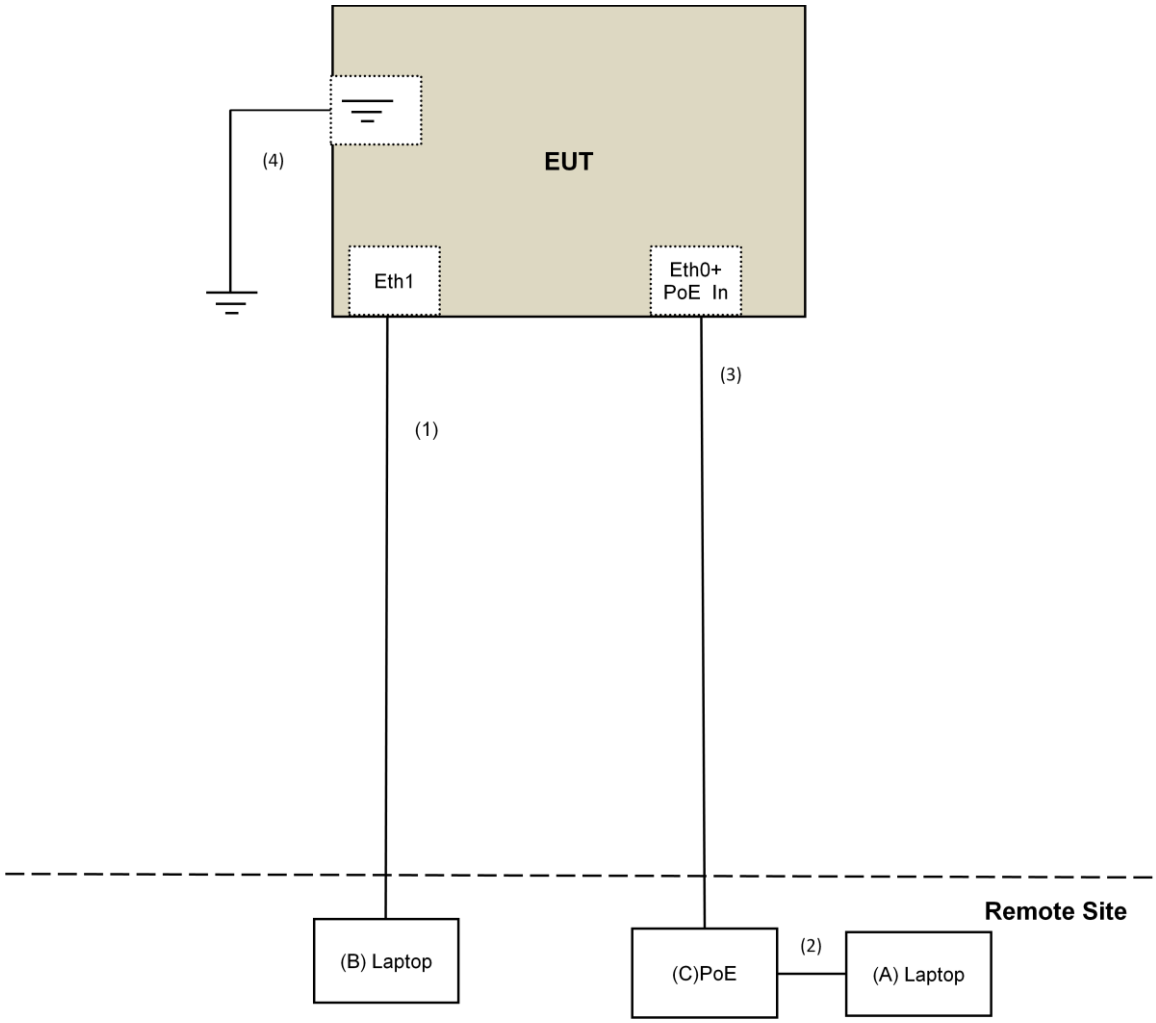
ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	RJ-45 Cable	1	10	No	0	Provided by Lab
2.	RJ-45 Cable	1	3	No	0	Provided by Lab
3.	RJ-45 Cable	1	10	No	0	Provided by Lab
4.	Earth Cable	1	3	No	0	Provided by Lab

3.4.1 Configuration of System under Test

For Conducted Emission:



For other 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 v02r01
KDB 662911 D01 Multiple Transmitter Output v02r01
ANSI C63.10-2013

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

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

4 Test Types and Results

4.1 Radiated Emission and Bandedge Measurement

4.1.1 Limits of Radiated Emission and Bandedge Measurement

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

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

NOTE:

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

Limits of unwanted emission out of the restricted bands

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

Note:

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

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

4.1.2 Test Instruments

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Agilent	N9038A	MY50010156	July 12, 2017	July 11, 2018
Pre-Amplifier(*) EMCI	EMC001340	980142	Jan. 20, 2016	Jan. 19, 2018
Loop Antenna(*) Electro-Metrics	EM-6879	264	Dec. 16, 2016	Dec. 15, 2018
RF Cable	NA	LOOPCAB-001 LOOPCAB-002	Jan. 17, 2017	Jan. 16, 2018
Pre-Amplifier Mini-Circuits	ZFL-1000VH2B	AMP-ZFL-05	May 06, 2017	May 05, 2018
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-361	Dec. 29, 2016	Dec. 28, 2017
RF Cable	8D	966-3-1 966-3-2 966-3-3	Apr. 01, 2017	Mar. 31, 2018
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-3m-3-01	Oct. 03, 2017	Oct. 02, 2018
Horn_Antenna SCHWARZBECK	BBHA9120-D	9120D-406	Dec. 28, 2016	Dec. 27, 2017
Pre-Amplifier EMCI	EMC12630SE	980384	Feb. 02, 2017	Feb. 01, 2018
RF Cable	EMC104-SM-SM-1200 EMC104-SM-SM-2000 EMC104-SM-SM-5000	160922 150317 150322	Feb. 02, 2017 Mar. 29, 2017 Mar. 29, 2017	Feb. 01, 2018 Mar. 28, 2018 Mar. 28, 2018
Spectrum Analyzer Keysight	N9030A	MY54490679	July 25, 2017	July 24, 2018
Pre-Amplifier EMCI	EMC184045SE	980386	Feb. 02, 2017	Feb. 01, 2018
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170608	Dec. 15, 2016	Dec. 14, 2017
RF Cable	SUCOFLEX 102	36432/2 36433/2	Jan. 15, 2017	Jan. 14, 2018
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208406	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA
Spectrum Analyzer R&S	FSv40	100964	July 1, 2017	June 30, 2018
Power meter Anritsu	ML2495A	1014008	May 11, 2017	May 10, 2018
Power sensor Anritsu	MA2411B	0917122	May 11, 2017	May 10, 2018
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	Jan. 11, 2017	Jan. 10, 2018
AC Power Source Extech Electronics	6205	1440452	NA	NA
True RMS Clamp Meter FLUKE	325	31130711WS	May 29, 2017	May 28, 2018

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. *The calibration interval of the above test instruments is 24 months and the calibrations are traceable to NML/ROC and NIST/USA.
3. The test was performed in 966 Chamber No. 3.
4. The CANADA Site Registration No. is 20331-1
5. Loop antenna was used for all emissions below 30 MHz.
6. Tested Date: Oct. 17 to Nov. 14, 2017

4.1.3 Test Procedure

For Radiated emission below 30MHz

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

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

c. Both X and Y axes of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

NOTE:

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

For Radiated emission above 30MHz

a. The EUT was placed on the top of a rotating table 0.8 meters (for 30MHz ~ 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.

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

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

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

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

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

Note:

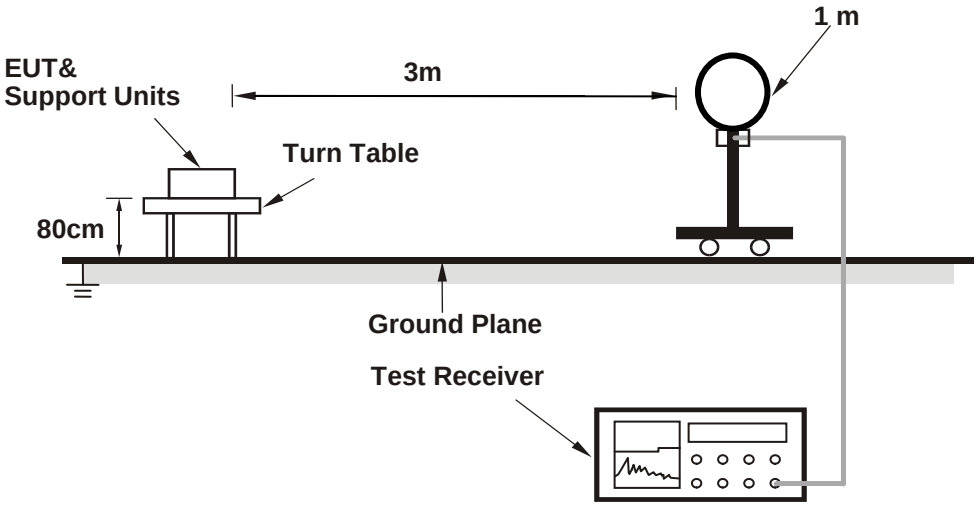
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.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

4.1.4 Deviation from Test Standard

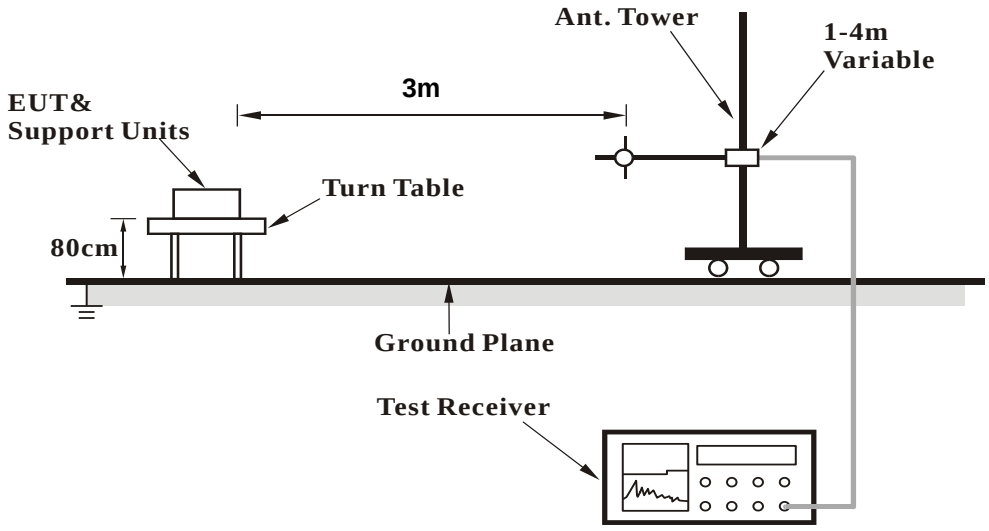
No deviation.

4.1.5 Test Setup

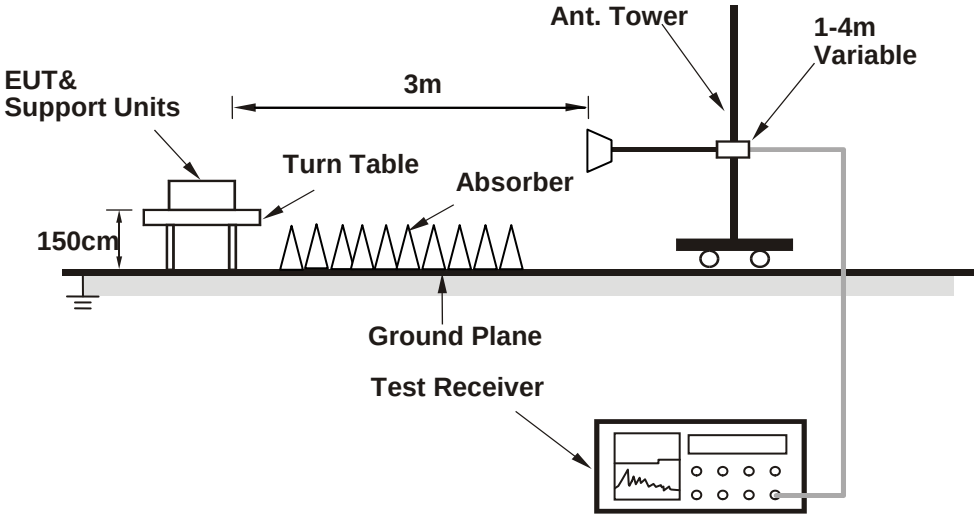
For Radiated emission below 30MHz



For Radiated emission 30MHz to 1GHz



For Radiated emission above 1GHz



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

4.1.6 EUT Operating Condition

a. Connected the EUT with the Laptop which is placed on remote site.
b. Controlling software (aph_apfw-0.1.11835-andal-ce66.tar.xz) has been activated to set the EUT on specific status.

4.1.7 Test Results (Mode 1)

PIFA Antenna

Above 1GHz Data:

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5000.00	49.8 PK	74.0	-24.2	2.90 H	322	46.5	3.3
2	5000.00	43.4 AV	54.0	-10.6	2.90 H	322	40.1	3.3
3	*5260.00	112.2 PK			2.90 H	322	108.2	4.0
4	*5260.00	100.9 AV			2.90 H	322	96.9	4.0
5	#10520.00	46.4 PK	74.0	-27.6	1.64 H	132	33.2	13.2
6	#10520.00	34.1 AV	54.0	-19.9	1.64 H	132	20.9	13.2
7	15780.00	55.9 PK	74.0	-18.1	3.12 H	307	42.3	13.6
8	15780.00	43.6 AV	54.0	-10.4	3.12 H	307	30.0	13.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5000.00	48.6 PK	74.0	-25.4	3.04 V	10	45.3	3.3
2	5000.00	37.6 AV	54.0	-16.4	3.04 V	10	34.3	3.3
3	*5260.00	108.3 PK			3.04 V	10	104.3	4.0
4	*5260.00	98.8 AV			3.04 V	10	94.8	4.0
5	#10520.00	49.1 PK	74.0	-24.9	1.93 V	6	35.9	13.2
6	#10520.00	36.2 AV	54.0	-17.8	1.93 V	6	23.0	13.2
7	15780.00	56.2 PK	74.0	-17.8	2.24 V	330	42.6	13.6
8	15780.00	43.9 AV	54.0	-10.1	2.24 V	330	30.3	13.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5000.00	48.6 PK	74.0	-25.4	2.89 H	347	45.3	3.3
2	5000.00	39.3 AV	54.0	-14.7	2.89 H	347	36.0	3.3
3	*5300.00	112.1 PK			2.89 H	347	108.0	4.1
4	*5300.00	100.8 AV			2.89 H	347	96.7	4.1
5	5376.00	55.4 PK	74.0	-18.6	2.89 H	347	51.3	4.1
6	5376.00	43.3 AV	54.0	-10.7	2.89 H	347	39.2	4.1
7	10600.00	46.6 PK	74.0	-27.4	1.64 H	147	33.1	13.5
8	10600.00	34.5 AV	54.0	-19.5	1.64 H	147	21.0	13.5
9	15900.00	56.5 PK	74.0	-17.5	3.09 H	311	43.6	12.9
10	15900.00	43.9 AV	54.0	-10.1	3.09 H	311	31.0	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5000.00	47.4 PK	74.0	-26.6	3.01 V	8	44.1	3.3
2	5000.00	33.5 AV	54.0	-20.5	3.01 V	8	30.2	3.3
3	*5300.00	108.2 PK			3.01 V	8	104.1	4.1
4	*5300.00	98.7 AV			3.01 V	8	94.6	4.1
5	5376.00	54.2 PK	74.0	-19.8	3.01 V	8	50.1	4.1
6	5376.00	37.5 AV	54.0	-16.5	3.01 V	8	33.4	4.1
7	10600.00	48.8 PK	74.0	-25.2	1.87 V	9	35.3	13.5
8	10600.00	35.8 AV	54.0	-18.2	1.87 V	9	22.3	13.5
9	15900.00	56.0 PK	74.0	-18.0	2.20 V	329	43.1	12.9
10	15900.00	43.8 AV	54.0	-10.2	2.20 V	329	30.9	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	111.8 PK			2.90 H	347	107.7	4.1
2	*5320.00	100.7 AV			2.90 H	347	96.6	4.1
3	5350.00	55.8 PK	74.0	-18.2	2.90 H	347	51.7	4.1
4	5350.00	44.2 AV	54.0	-9.8	2.90 H	347	40.1	4.1
5	10640.00	46.6 PK	74.0	-27.4	1.65 H	123	33.1	13.5
6	10640.00	34.0 AV	54.0	-20.0	1.65 H	123	20.5	13.5
7	15960.00	55.3 PK	74.0	-18.7	3.07 H	318	42.4	12.9
8	15960.00	43.2 AV	54.0	-10.8	3.07 H	318	30.3	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	107.9 PK			3.08 V	3	103.8	4.1
2	*5320.00	98.6 AV			3.08 V	3	94.5	4.1
3	5350.00	54.6 PK	74.0	-19.4	3.08 V	3	50.5	4.1
4	5350.00	38.4 AV	54.0	-15.6	3.08 V	3	34.3	4.1
5	10640.00	49.1 PK	74.0	-24.9	1.92 V	5	35.6	13.5
6	10640.00	36.0 AV	54.0	-18.0	1.92 V	5	22.5	13.5
7	15960.00	56.6 PK	74.0	-17.4	2.30 V	339	43.7	12.9
8	15960.00	44.4 AV	54.0	-9.6	2.30 V	339	31.5	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	58.5 PK	74.0	-15.5	3.00 H	360	54.3	4.2
2	#5470.00	45.3 AV	54.0	-8.7	3.00 H	360	41.1	4.2
3	*5500.00	112.2 PK			3.00 H	360	108.0	4.2
4	*5500.00	101.4 AV			3.00 H	360	97.2	4.2
5	11000.00	46.0 PK	74.0	-28.0	1.63 H	135	31.9	14.1
6	11000.00	33.7 AV	54.0	-20.3	1.63 H	135	19.6	14.1
7	#16500.00	55.3 PK	74.0	-18.7	3.15 H	299	40.8	14.5
8	#16500.00	43.3 AV	54.0	-10.7	3.15 H	299	28.8	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	57.3 PK	74.0	-16.7	3.02 V	6	53.1	4.2
2	#5470.00	39.5 AV	54.0	-14.5	3.02 V	6	35.3	4.2
3	*5500.00	108.3 PK			3.02 V	6	104.1	4.2
4	*5500.00	99.3 AV			3.02 V	6	95.1	4.2
5	11000.00	48.9 PK	74.0	-25.1	1.95 V	11	34.8	14.1
6	11000.00	36.2 AV	54.0	-17.8	1.95 V	11	22.1	14.1
7	#16500.00	56.9 PK	74.0	-17.1	2.25 V	333	42.4	14.5
8	#16500.00	44.3 AV	54.0	-9.7	2.25 V	333	29.8	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	112.3 PK			3.01 H	360	108.1	4.2
2	*5580.00	102.3 AV			3.01 H	360	98.1	4.2
3	#5742.00	54.2 PK	74.0	-19.8	3.01 H	360	49.8	4.4
4	#5742.00	43.9 AV	54.0	-10.1	3.01 H	360	39.5	4.4
5	11160.00	46.1 PK	74.0	-27.9	1.62 H	125	32.4	13.7
6	11160.00	33.8 AV	54.0	-20.2	1.62 H	125	20.1	13.7
7	#16740.00	55.5 PK	74.0	-18.5	3.11 H	312	39.8	15.7
8	#16740.00	43.2 AV	54.0	-10.8	3.11 H	312	27.5	15.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	108.4 PK			3.00 V	18	104.2	4.2
2	*5580.00	100.2 AV			3.00 V	18	96.0	4.2
3	#5742.00	53.0 PK	74.0	-21.0	3.00 V	18	48.6	4.4
4	#5742.00	38.1 AV	54.0	-15.9	3.00 V	18	33.7	4.4
5	11160.00	49.1 PK	74.0	-24.9	1.95 V	2	35.4	13.7
6	11160.00	36.2 AV	54.0	-17.8	1.95 V	2	22.5	13.7
7	#16740.00	56.4 PK	74.0	-17.6	2.22 V	338	40.7	15.7
8	#16740.00	44.2 AV	54.0	-9.8	2.22 V	338	28.5	15.7

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	112.0 PK			2.97 H	360	107.5	4.5
2	*5700.00	101.2 AV			2.97 H	360	96.7	4.5
3	#5944.00	57.3 PK	74.0	-16.7	2.97 H	360	52.6	4.7
4	#5944.00	45.2 AV	54.0	-8.8	2.97 H	360	40.5	4.7
5	11400.00	46.7 PK	74.0	-27.3	1.65 H	147	33.1	13.6
6	11400.00	34.4 AV	54.0	-19.6	1.65 H	147	20.8	13.6
7	#17100.00	56.6 PK	74.0	-17.4	3.11 H	309	39.2	17.4
8	#17100.00	44.0 AV	54.0	-10.0	3.11 H	309	26.6	17.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	108.1 PK			3.01 V	25	103.6	4.5
2	*5700.00	99.1 AV			3.01 V	25	94.6	4.5
3	#5944.00	56.1 PK	74.0	-17.9	3.01 V	25	51.4	4.7
4	#5944.00	39.4 AV	54.0	-14.6	3.01 V	25	34.7	4.7
5	11400.00	48.9 PK	74.0	-25.1	1.95 V	20	35.3	13.6
6	11400.00	36.0 AV	54.0	-18.0	1.95 V	20	22.4	13.6
7	#17100.00	56.3 PK	74.0	-17.7	2.26 V	326	38.9	17.4
8	#17100.00	44.2 AV	54.0	-9.8	2.26 V	326	26.8	17.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	54.8 PK	74.0	-19.2	2.97 H	360	50.8	4.0
2	#5470.00	44.3 AV	54.0	-9.7	2.97 H	360	40.3	4.0
3	*5720.00	112.3 PK			2.97 H	360	108.1	4.2
4	*5720.00	101.2 AV			2.97 H	360	97.0	4.2
5	#5850.00	57.4 PK	74.0	-16.6	2.97 H	360	52.8	4.6
6	#5850.00	45.1 AV	54.0	-8.9	2.97 H	360	40.5	4.6
7	11440.00	46.9 PK	74.0	-27.1	1.59 H	152	33.1	13.8
8	11440.00	34.6 AV	54.0	-19.4	1.59 H	152	20.8	13.8
9	#17160.00	57.1 PK	74.0	-16.9	3.06 H	309	40.7	16.4
10	#17160.00	44.4 AV	54.0	-9.6	3.06 H	309	28.0	16.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	48.8 PK	74.0	-25.2	2.96 V	34	44.8	4.0
2	#5470.00	35.8 AV	54.0	-18.2	2.96 V	34	31.8	4.0
3	*5720.00	108.6 PK			2.96 V	34	104.4	4.2
4	*5720.00	99.4 AV			2.96 V	34	95.2	4.2
5	#5850.00	56.6 PK	74.0	-17.4	2.96 V	34	52.0	4.6
6	#5850.00	39.7 AV	54.0	-14.3	2.96 V	34	35.1	4.6
7	11440.00	48.3 PK	74.0	-25.7	1.92 V	17	34.5	13.8
8	11440.00	35.7 AV	54.0	-18.3	1.92 V	17	21.9	13.8
9	#17160.00	56.5 PK	74.0	-17.5	2.21 V	323	40.1	16.4
10	#17160.00	44.4 AV	54.0	-9.6	2.21 V	323	28.0	16.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very 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 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	4967.00	50.1 PK	74.0	-23.9	2.17 H	22	46.9	3.2
2	4967.00	41.2 AV	54.0	-12.8	2.17 H	22	38.0	3.2
3	*5260.00	111.5 PK			2.17 H	22	107.5	4.0
4	*5260.00	101.2 AV			2.17 H	22	97.2	4.0
5	#10520.00	45.9 PK	74.0	-28.1	1.56 H	129	32.7	13.2
6	#10520.00	33.7 AV	54.0	-20.3	1.56 H	129	20.5	13.2
7	15780.00	56.8 PK	74.0	-17.2	3.17 H	315	43.2	13.6
8	15780.00	44.2 AV	54.0	-9.8	3.17 H	315	30.6	13.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	4967.00	48.6 PK	74.0	-25.4	3.00 V	359	45.4	3.2
2	4967.00	37.5 AV	54.0	-16.5	3.00 V	359	34.3	3.2
3	*5260.00	108.8 PK			3.00 V	359	104.8	4.0
4	*5260.00	98.4 AV			3.00 V	359	94.4	4.0
5	#10520.00	48.1 PK	74.0	-25.9	1.89 V	106	34.9	13.2
6	#10520.00	35.8 AV	54.0	-18.2	1.89 V	106	22.6	13.2
7	15780.00	56.4 PK	74.0	-17.6	2.24 V	314	42.8	13.6
8	15780.00	44.7 AV	54.0	-9.3	2.24 V	314	31.1	13.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5000.00	49.8 PK	74.0	-24.2	2.14 H	22	46.5	3.3
2	5000.00	43.0 AV	54.0	-11.0	2.14 H	22	39.7	3.3
3	*5300.00	112.4 PK			2.14 H	22	108.3	4.1
4	*5300.00	101.4 AV			2.14 H	22	97.3	4.1
5	10600.00	46.0 PK	74.0	-28.0	1.54 H	143	32.5	13.5
6	10600.00	33.6 AV	54.0	-20.4	1.54 H	143	20.1	13.5
7	15900.00	57.1 PK	74.0	-16.9	3.19 H	304	44.2	12.9
8	15900.00	44.6 AV	54.0	-9.4	3.19 H	304	31.7	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5000.00	48.3 PK	74.0	-25.7	2.97 V	360	45.0	3.3
2	5000.00	39.3 AV	54.0	-14.7	2.97 V	360	36.0	3.3
3	*5300.00	109.7 PK			2.97 V	360	105.6	4.1
4	*5300.00	98.6 AV			2.97 V	360	94.5	4.1
5	10600.00	47.6 PK	74.0	-26.4	1.91 V	114	34.1	13.5
6	10600.00	35.3 AV	54.0	-18.7	1.91 V	114	21.8	13.5
7	15900.00	55.8 PK	74.0	-18.2	2.29 V	305	42.9	12.9
8	15900.00	44.4 AV	54.0	-9.6	2.29 V	305	31.5	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	111.8 PK			2.11 H	22	107.7	4.1
2	*5320.00	101.2 AV			2.11 H	22	97.1	4.1
3	5350.00	57.6 PK	74.0	-16.4	2.11 H	22	53.5	4.1
4	5350.00	46.3 AV	54.0	-7.7	2.11 H	22	42.2	4.1
5	10640.00	45.1 PK	74.0	-28.9	1.57 H	120	31.6	13.5
6	10640.00	33.2 AV	54.0	-20.8	1.57 H	120	19.7	13.5
7	15960.00	56.5 PK	74.0	-17.5	3.15 H	308	43.6	12.9
8	15960.00	43.8 AV	54.0	-10.2	3.15 H	308	30.9	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	109.1 PK			3.01 V	349	105.0	4.1
2	*5320.00	98.4 AV			3.01 V	349	94.3	4.1
3	5350.00	56.1 PK	74.0	-17.9	3.01 V	349	52.0	4.1
4	5350.00	42.6 AV	54.0	-11.4	3.01 V	349	38.5	4.1
5	10640.00	47.9 PK	74.0	-26.1	1.85 V	114	34.4	13.5
6	10640.00	35.5 AV	54.0	-18.5	1.85 V	114	22.0	13.5
7	15960.00	56.0 PK	74.0	-18.0	2.26 V	319	43.1	12.9
8	15960.00	44.5 AV	54.0	-9.5	2.26 V	319	31.6	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	65.3 PK	74.0	-8.7	2.09 H	14	61.1	4.2
2	#5470.00	46.7 AV	54.0	-7.3	2.09 H	14	42.5	4.2
3	*5500.00	100.7 PK			2.09 H	14	96.5	4.2
4	*5500.00	100.4 AV			2.09 H	14	96.2	4.2
5	11000.00	45.9 PK	74.0	-28.1	1.56 H	126	31.8	14.1
6	11000.00	33.7 AV	54.0	-20.3	1.56 H	126	19.6	14.1
7	#16500.00	56.7 PK	74.0	-17.3	3.19 H	319	42.2	14.5
8	#16500.00	44.3 AV	54.0	-9.7	3.19 H	319	29.8	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	63.8 PK	74.0	-10.2	3.03 V	360	59.6	4.2
2	#5470.00	43.0 AV	54.0	-11.0	3.03 V	360	38.8	4.2
3	*5500.00	98.0 PK			3.03 V	360	93.8	4.2
4	*5500.00	97.6 AV			3.03 V	360	93.4	4.2
5	11000.00	47.5 PK	74.0	-26.5	1.85 V	118	33.4	14.1
6	11000.00	35.4 AV	54.0	-18.6	1.85 V	118	21.3	14.1
7	#16500.00	56.6 PK	74.0	-17.4	2.29 V	321	42.1	14.5
8	#16500.00	45.1 AV	54.0	-8.9	2.29 V	321	30.6	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	111.7 PK			2.03 H	15	107.5	4.2
2	*5580.00	100.7 AV			2.03 H	15	96.5	4.2
3	11160.00	45.7 PK	74.0	-28.3	1.52 H	140	32.0	13.7
4	11160.00	33.2 AV	54.0	-20.8	1.52 H	140	19.5	13.7
5	#16740.00	56.3 PK	74.0	-17.7	3.19 H	319	40.6	15.7
6	#16740.00	43.9 AV	54.0	-10.1	3.19 H	319	28.2	15.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	109.0 PK			3.00 V	360	104.8	4.2
2	*5580.00	97.9 AV			3.00 V	360	93.7	4.2
3	11160.00	48.4 PK	74.0	-25.6	1.95 V	97	34.7	13.7
4	11160.00	36.1 AV	54.0	-17.9	1.95 V	97	22.4	13.7
5	#16740.00	57.0 PK	74.0	-17.0	2.29 V	307	41.3	15.7
6	#16740.00	45.2 AV	54.0	-8.8	2.29 V	307	29.5	15.7

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	111.9 PK			2.04 H	2	107.4	4.5
2	*5700.00	101.6 AV			2.04 H	2	97.1	4.5
3	#5931.00	62.5 PK	74.0	-11.5	2.04 H	2	57.8	4.7
4	#5931.00	49.2 AV	54.0	-4.8	2.04 H	2	44.5	4.7
5	11400.00	45.9 PK	74.0	-28.1	1.60 H	132	32.3	13.6
6	11400.00	33.6 AV	54.0	-20.4	1.60 H	132	20.0	13.6
7	#17100.00	56.6 PK	74.0	-17.4	3.14 H	304	39.2	17.4
8	#17100.00	44.0 AV	54.0	-10.0	3.14 H	304	26.6	17.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	109.2 PK			2.99 V	360	104.7	4.5
2	*5700.00	98.8 AV			2.99 V	360	94.3	4.5
3	#5931.00	61.0 PK	74.0	-13.0	2.99 V	360	56.3	4.7
4	#5931.00	45.5 AV	54.0	-8.5	2.99 V	360	40.8	4.7
5	11400.00	48.7 PK	74.0	-25.3	1.84 V	97	35.1	13.6
6	11400.00	36.2 AV	54.0	-17.8	1.84 V	97	22.6	13.6
7	#17100.00	55.7 PK	74.0	-18.3	2.25 V	317	38.3	17.4
8	#17100.00	44.3 AV	54.0	-9.7	2.25 V	317	26.9	17.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	51.0 PK	74.0	-23.0	2.02 H	2	47.0	4.0
2	#5470.00	41.2 AV	54.0	-12.8	2.02 H	2	37.2	4.0
3	*5720.00	111.4 PK			2.02 H	2	107.2	4.2
4	*5720.00	101.4 AV			2.02 H	2	97.2	4.2
5	#5850.00	62.2 PK	74.0	-11.8	2.02 H	2	57.6	4.6
6	#5850.00	48.8 AV	54.0	-5.2	2.02 H	2	44.2	4.6
7	11440.00	45.9 PK	74.0	-28.1	1.66 H	137	32.1	13.8
8	11440.00	33.9 AV	54.0	-20.1	1.66 H	137	20.1	13.8
9	#17160.00	56.1 PK	74.0	-17.9	3.13 H	312	39.7	16.4
10	#17160.00	43.8 AV	54.0	-10.2	3.13 H	312	27.4	16.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	51.8 PK	74.0	-22.2	3.00 V	353	47.8	4.0
2	#5470.00	35.5 AV	54.0	-18.5	3.00 V	353	31.5	4.0
3	*5720.00	108.7 PK			3.00 V	353	104.5	4.2
4	*5720.00	98.3 AV			3.00 V	353	94.1	4.2
5	#5850.00	60.5 PK	74.0	-13.5	3.00 V	353	55.9	4.6
6	#5850.00	45.1 AV	54.0	-8.9	3.00 V	353	40.5	4.6
7	11440.00	48.4 PK	74.0	-25.6	1.89 V	91	34.6	13.8
8	11440.00	36.0 AV	54.0	-18.0	1.89 V	91	22.2	13.8
9	#17160.00	55.2 PK	74.0	-18.8	2.20 V	331	38.8	16.4
10	#17160.00	44.0 AV	54.0	-10.0	2.20 V	331	27.6	16.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very 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 54	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5000.00	49.5 PK	74.0	-24.5	1.47 H	324	46.2	3.3
2	5000.00	44.1 AV	54.0	-9.9	1.47 H	324	40.8	3.3
3	*5270.00	108.0 PK			1.47 H	324	104.0	4.0
4	*5270.00	98.6 AV			1.47 H	324	94.6	4.0
5	#10540.00	45.8 PK	74.0	-28.2	1.55 H	117	32.5	13.3
6	#10540.00	33.8 AV	54.0	-20.2	1.55 H	117	20.5	13.3
7	15810.00	56.0 PK	74.0	-18.0	3.04 H	308	42.6	13.4
8	15810.00	44.0 AV	54.0	-10.0	3.04 H	308	30.6	13.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5000.00	48.4 PK	74.0	-25.6	2.52 V	34	45.1	3.3
2	5000.00	37.1 AV	54.0	-16.9	2.52 V	34	33.8	3.3
3	*5270.00	105.2 PK			2.52 V	34	101.2	4.0
4	*5270.00	96.0 AV			2.52 V	34	92.0	4.0
5	#10540.00	48.5 PK	74.0	-25.5	1.89 V	8	35.2	13.3
6	#10540.00	35.7 AV	54.0	-18.3	1.89 V	8	22.4	13.3
7	15810.00	56.7 PK	74.0	-17.3	2.22 V	299	43.3	13.4
8	15810.00	44.4 AV	54.0	-9.6	2.22 V	299	31.0	13.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	107.6 PK			1.43 H	323	103.5	4.1
2	*5310.00	98.8 AV			1.43 H	323	94.7	4.1
3	5350.00	68.1 PK	74.0	-5.9	1.43 H	323	64.0	4.1
4	5350.00	53.6 AV	54.0	-0.4	1.43 H	323	49.5	4.1
5	10620.00	45.4 PK	74.0	-28.6	1.53 H	128	31.9	13.5
6	10620.00	33.5 AV	54.0	-20.5	1.53 H	128	20.0	13.5
7	15930.00	56.6 PK	74.0	-17.4	3.05 H	308	43.8	12.8
8	15930.00	44.3 AV	54.0	-9.7	3.05 H	308	31.5	12.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	104.8 PK			2.46 V	40	100.7	4.1
2	*5310.00	96.2 AV			2.46 V	40	92.1	4.1
3	5350.00	67.0 PK	74.0	-7.0	2.46 V	40	62.9	4.1
4	5350.00	46.6 AV	54.0	-7.4	2.46 V	40	42.5	4.1
5	10620.00	49.0 PK	74.0	-25.0	1.83 V	15	35.5	13.5
6	10620.00	36.1 AV	54.0	-17.9	1.83 V	15	22.6	13.5
7	15930.00	56.1 PK	74.0	-17.9	2.24 V	301	43.3	12.8
8	15930.00	44.0 AV	54.0	-10.0	2.24 V	301	31.2	12.8

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	71.3 PK	74.0	-2.7	1.43 H	322	67.1	4.2
2	#5470.00	48.7 AV	54.0	-5.3	1.43 H	322	44.5	4.2
3	*5510.00	107.2 PK			1.43 H	322	103.0	4.2
4	*5510.00	98.2 AV			1.43 H	322	94.0	4.2
5	11020.00	45.7 PK	74.0	-28.3	1.59 H	130	31.7	14.0
6	11020.00	33.6 AV	54.0	-20.4	1.59 H	130	19.6	14.0
7	#16530.00	56.3 PK	74.0	-17.7	3.08 H	299	41.4	14.9
8	#16530.00	44.1 AV	54.0	-9.9	3.08 H	299	29.2	14.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	70.2 PK	74.0	-3.8	2.52 V	47	66.0	4.2
2	#5470.00	41.7 AV	54.0	-12.3	2.52 V	47	37.5	4.2
3	*5510.00	104.4 PK			2.52 V	47	100.2	4.2
4	*5510.00	95.6 AV			2.52 V	47	91.4	4.2
5	11020.00	49.1 PK	74.0	-24.9	1.79 V	9	35.1	14.0
6	11020.00	36.3 AV	54.0	-17.7	1.79 V	9	22.3	14.0
7	#16530.00	56.3 PK	74.0	-17.7	2.27 V	305	41.4	14.9
8	#16530.00	44.3 AV	54.0	-9.7	2.27 V	305	29.4	14.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	107.6 PK			1.43 H	321	103.4	4.2
2	*5550.00	98.3 AV			1.43 H	321	94.1	4.2
3	#5793.00	51.9 PK	74.0	-22.1	1.43 H	321	47.5	4.4
4	#5793.00	41.9 AV	54.0	-12.1	1.43 H	321	37.5	4.4
5	11100.00	46.0 PK	74.0	-28.0	1.59 H	133	32.2	13.8
6	11100.00	33.8 AV	54.0	-20.2	1.59 H	133	20.0	13.8
7	#16650.00	55.6 PK	74.0	-18.4	3.01 H	303	40.0	15.6
8	#16650.00	43.6 AV	54.0	-10.4	3.01 H	303	28.0	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	104.8 PK			2.50 V	26	100.6	4.2
2	*5550.00	95.7 AV			2.50 V	26	91.5	4.2
3	#5793.00	50.8 PK	74.0	-23.2	2.50 V	26	46.4	4.4
4	#5793.00	34.9 AV	54.0	-19.1	2.50 V	26	30.5	4.4
5	11100.00	49.2 PK	74.0	-24.8	1.79 V	6	35.4	13.8
6	11100.00	36.1 AV	54.0	-17.9	1.79 V	6	22.3	13.8
7	#16650.00	56.7 PK	74.0	-17.3	2.24 V	302	41.1	15.6
8	#16650.00	44.3 AV	54.0	-9.7	2.24 V	302	28.7	15.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	107.4 PK			1.49 H	320	103.1	4.3
2	*5670.00	98.8 AV			1.49 H	320	94.5	4.3
3	#5725.00	55.9 PK	74.0	-18.1	1.49 H	320	51.5	4.4
4	#5725.00	45.6 AV	54.0	-8.4	1.49 H	320	41.2	4.4
5	11340.00	45.5 PK	74.0	-28.5	1.56 H	112	31.9	13.6
6	11340.00	33.5 AV	54.0	-20.5	1.56 H	112	19.9	13.6
7	#17010.00	55.6 PK	74.0	-18.4	3.05 H	303	38.5	17.1
8	#17010.00	43.7 AV	54.0	-10.3	3.05 H	303	26.6	17.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	104.6 PK			2.58 V	41	100.3	4.3
2	*5670.00	96.2 AV			2.58 V	41	91.9	4.3
3	#5725.00	54.8 PK	74.0	-19.2	2.58 V	41	50.4	4.4
4	#5725.00	38.6 AV	54.0	-15.4	2.58 V	41	34.2	4.4
5	11340.00	49.1 PK	74.0	-24.9	1.80 V	22	35.5	13.6
6	11340.00	36.0 AV	54.0	-18.0	1.80 V	22	22.4	13.6
7	#17010.00	56.0 PK	74.0	-18.0	2.23 V	309	38.9	17.1
8	#17010.00	44.1 AV	54.0	-9.9	2.23 V	309	27.0	17.1

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	51.4 PK	74.0	-22.6	1.45 H	307	47.4	4.0
2	#5470.00	41.5 AV	54.0	-12.5	1.45 H	307	37.5	4.0
3	*5710.00	107.3 PK			1.45 H	307	103.0	4.3
4	*5710.00	98.9 AV			1.45 H	307	94.6	4.3
5	#5850.00	55.9 PK	74.0	-18.1	1.45 H	307	51.3	4.6
6	#5850.00	45.9 AV	54.0	-8.1	1.45 H	307	41.3	4.6
7	11420.00	45.9 PK	74.0	-28.1	1.54 H	125	32.1	13.8
8	11420.00	33.7 AV	54.0	-20.3	1.54 H	125	19.9	13.8
9	#17130.00	55.4 PK	74.0	-18.6	3.02 H	307	38.9	16.5
10	#17130.00	43.7 AV	54.0	-10.3	3.02 H	307	27.2	16.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	51.4 PK	74.0	-22.6	2.62 V	31	47.4	4.0
2	#5470.00	35.2 AV	54.0	-18.8	2.62 V	31	31.2	4.0
3	*5710.00	104.1 PK			2.62 V	31	99.8	4.3
4	*5710.00	95.8 AV			2.62 V	31	91.5	4.3
5	#5850.00	54.7 PK	74.0	-19.3	2.62 V	31	50.1	4.6
6	#5850.00	38.7 AV	54.0	-15.3	2.62 V	31	34.1	4.6
7	11420.00	49.0 PK	74.0	-25.0	1.80 V	32	35.2	13.8
8	11420.00	35.7 AV	54.0	-18.3	1.80 V	32	21.9	13.8
9	#17130.00	56.2 PK	74.0	-17.8	2.28 V	296	39.7	16.5
10	#17130.00	44.1 AV	54.0	-9.9	2.28 V	296	27.6	16.5

REMARKS:

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

802.11ac (VHT80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5000.00	52.8 PK	74.0	-21.2	1.46 H	322	49.5	3.3
2	5000.00	44.8 AV	54.0	-9.2	1.46 H	322	41.5	3.3
3	*5290.00	104.9 PK			1.46 H	322	100.8	4.1
4	*5290.00	95.8 AV			1.46 H	322	91.7	4.1
5	5350.00	64.4 PK	74.0	-9.6	1.46 H	322	60.3	4.1
6	**5350.00**	**53.9 AV**	**54.0**	**-0.1**	**1.46 H**	**322**	**49.8**	**4.1**
7	#10580.00	47.1 PK	74.0	-26.9	1.53 H	118	33.7	13.4
8	#10580.00	35.0 AV	54.0	-19.0	1.53 H	118	21.6	13.4
9	15870.00	56.0 PK	74.0	-18.0	3.05 H	304	43.0	13.0
10	15870.00	43.9 AV	54.0	-10.1	3.05 H	304	30.9	13.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5000.00	48.3 PK	74.0	-25.7	2.50 V	189	45.0	3.3
2	5000.00	37.3 AV	54.0	-16.7	2.50 V	189	34.0	3.3
3	*5290.00	100.8 PK			2.50 V	189	96.7	4.1
4	*5290.00	92.7 AV			2.50 V	189	88.6	4.1
5	5350.00	49.5 PK	74.0	-24.5	2.50 V	189	45.4	4.1
6	5350.00	40.8 AV	54.0	-13.2	2.50 V	189	36.7	4.1
7	#10580.00	48.9 PK	74.0	-25.1	1.96 V	12	35.5	13.4
8	#10580.00	36.3 AV	54.0	-17.7	1.96 V	12	22.9	13.4
9	15870.00	56.9 PK	74.0	-17.1	2.24 V	306	43.9	13.0
10	15870.00	44.8 AV	54.0	-9.2	2.24 V	306	31.8	13.0

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	67.7 PK	74.0	-6.3	1.45 H	323	63.5	4.2
2	#5470.00	53.2 AV	54.0	-0.8	1.45 H	323	49.0	4.2
3	*5530.00	102.8 PK			1.45 H	323	98.6	4.2
4	*5530.00	95.0 AV			1.45 H	323	90.8	4.2
5	#5725.00	51.9 PK	74.0	-22.1	1.45 H	323	47.5	4.4
6	#5725.00	41.1 AV	54.0	-12.9	1.45 H	323	36.7	4.4
7	11060.00	46.8 PK	74.0	-27.2	1.52 H	112	32.9	13.9
8	11060.00	34.7 AV	54.0	-19.3	1.52 H	112	20.8	13.9
9	#16590.00	56.1 PK	74.0	-17.9	2.99 H	316	40.5	15.6
10	#16590.00	44.1 AV	54.0	-9.9	2.99 H	316	28.5	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	52.8 PK	74.0	-21.2	2.50 V	184	48.6	4.2
2	#5470.00	50.1 AV	54.0	-3.9	2.50 V	184	45.9	4.2
3	*5530.00	98.7 PK			2.50 V	184	94.5	4.2
4	*5530.00	91.9 AV			2.50 V	184	87.7	4.2
5	#5725.00	47.4 PK	74.0	-26.6	2.50 V	184	43.0	4.4
6	#5725.00	33.6 AV	54.0	-20.4	2.50 V	184	29.2	4.4
7	11060.00	48.5 PK	74.0	-25.5	1.99 V	12	34.6	13.9
8	11060.00	36.2 AV	54.0	-17.8	1.99 V	12	22.3	13.9
9	#16590.00	57.1 PK	74.0	-16.9	2.23 V	321	41.5	15.6
10	#16590.00	44.9 AV	54.0	-9.1	2.23 V	321	29.3	15.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	104.4 PK			1.47 H	322	100.0	4.4
2	*5610.00	95.4 AV			1.47 H	322	91.0	4.4
3	#5725.00	53.5 PK	74.0	-20.5	1.47 H	322	49.1	4.4
4	#5725.00	43.2 AV	54.0	-10.8	1.47 H	322	38.8	4.4
5	11220.00	47.4 PK	74.0	-26.6	1.49 H	132	33.7	13.7
6	11220.00	35.0 AV	54.0	-19.0	1.49 H	132	21.3	13.7
7	#16830.00	56.2 PK	74.0	-17.8	3.01 H	313	40.3	15.9
8	#16830.00	44.3 AV	54.0	-9.7	3.01 H	313	28.4	15.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	100.3 PK			2.55 V	176	95.9	4.4
2	*5610.00	92.3 AV			2.55 V	176	87.9	4.4
3	#5725.00	49.0 PK	74.0	-25.0	2.55 V	176	44.6	4.4
4	#5725.00	35.7 AV	54.0	-18.3	2.55 V	176	31.3	4.4
5	11220.00	49.3 PK	74.0	-24.7	1.99 V	13	35.6	13.7
6	11220.00	36.8 AV	54.0	-17.2	1.99 V	13	23.1	13.7
7	#16830.00	56.3 PK	74.0	-17.7	2.21 V	301	40.4	15.9
8	#16830.00	44.4 AV	54.0	-9.6	2.21 V	301	28.5	15.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	53.6 PK	74.0	-20.4	1.41 H	326	49.6	4.0
2	#5470.00	43.4 AV	54.0	-10.6	1.41 H	326	39.4	4.0
3	*5690.00	103.8 PK			1.41 H	326	99.6	4.2
4	*5690.00	95.0 AV			1.41 H	326	90.8	4.2
5	#5850.00	53.4 PK	74.0	-20.6	1.41 H	326	48.8	4.6
6	#5850.00	43.1 AV	54.0	-10.9	1.41 H	326	38.5	4.6
7	11380.00	47.4 PK	74.0	-26.6	1.50 H	128	33.7	13.7
8	11380.00	35.2 AV	54.0	-18.8	1.50 H	128	21.5	13.7
9	#17070.00	55.5 PK	74.0	-18.5	3.07 H	312	38.9	16.6
10	#17070.00	43.8 AV	54.0	-10.2	3.07 H	312	27.2	16.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	48.6 PK	74.0	-25.4	2.53 V	188	44.6	4.0
2	#5470.00	35.2 AV	54.0	-18.8	2.53 V	188	31.2	4.0
3	*5690.00	100.1 PK			2.53 V	188	95.9	4.2
4	*5690.00	92.3 AV			2.53 V	188	88.1	4.2
5	#5850.00	48.9 PK	74.0	-25.1	2.53 V	188	44.3	4.6
6	#5850.00	35.4 AV	54.0	-18.6	2.53 V	188	30.8	4.6
7	11380.00	49.4 PK	74.0	-24.6	2.03 V	27	35.7	13.7
8	11380.00	37.2 AV	54.0	-16.8	2.03 V	27	23.5	13.7
9	#17070.00	56.2 PK	74.0	-17.8	2.23 V	299	39.6	16.6
10	#17070.00	44.4 AV	54.0	-9.6	2.23 V	299	27.8	16.6

REMARKS:

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

Below 1GHz Data:

802.11ac (VHT20)

CHANNEL	TX Channel 140	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	88.47	33.8 QP	43.5	-9.7	2.00 H	34	47.9	-14.1
2	112.72	33.0 QP	43.5	-10.5	3.00 H	252	43.8	-10.8
3	224.32	31.5 QP	46.0	-14.5	1.00 H	301	42.5	-11.0
4	348.55	35.0 QP	46.0	-11.0	1.00 H	303	41.5	-6.5
5	397.58	36.8 QP	46.0	-9.2	3.00 H	182	42.2	-5.4
6	476.85	33.7 QP	46.0	-12.3	3.00 H	128	37.2	-3.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	37.83	36.0 QP	40.0	-4.0	1.00 V	145	44.8	-8.8
2	88.88	30.0 QP	43.5	-13.5	2.00 V	360	44.1	-14.1
3	114.12	33.7 QP	43.5	-9.8	2.50 V	360	44.4	-10.7
4	348.98	40.5 QP	46.0	-5.5	1.00 V	360	47.0	-6.5
5	387.78	40.7 QP	46.0	-5.3	1.00 V	91	46.4	-5.7
6	482.31	36.5 QP	46.0	-9.5	1.00 V	41	39.9	-3.4

REMARKS:

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

Sector Antenna

Above 1GHz Data:

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	49.3 PK	74.0	-24.7	1.33 H	347	45.6	3.7
2	5150.00	37.3 AV	54.0	-16.7	1.33 H	347	33.6	3.7
3	*5260.00	111.5 PK			1.33 H	347	107.5	4.0
4	*5260.00	101.7 AV			1.33 H	347	97.7	4.0
5	#10520.00	45.9 PK	74.0	-28.1	1.61 H	133	32.7	13.2
6	#10520.00	33.6 AV	54.0	-20.4	1.61 H	133	20.4	13.2
7	15780.00	56.1 PK	74.0	-17.9	3.07 H	319	42.5	13.6
8	15780.00	44.0 AV	54.0	-10.0	3.07 H	319	30.4	13.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	47.8 PK	74.0	-26.2	2.24 V	22	44.1	3.7
2	5150.00	36.8 AV	54.0	-17.2	2.24 V	22	33.1	3.7
3	*5260.00	110.3 PK			2.24 V	22	106.3	4.0
4	*5260.00	100.9 AV			2.24 V	22	96.9	4.0
5	#10520.00	48.7 PK	74.0	-25.3	1.91 V	10	35.5	13.2
6	#10520.00	36.1 AV	54.0	-17.9	1.91 V	10	22.9	13.2
7	15780.00	56.4 PK	74.0	-17.6	2.25 V	324	42.8	13.6
8	15780.00	43.9 AV	54.0	-10.1	2.25 V	324	30.3	13.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	111.7 PK			1.37 H	357	107.6	4.1
2	*5300.00	101.7 AV			1.37 H	357	97.6	4.1
3	10600.00	46.4 PK	74.0	-27.6	1.54 H	140	32.9	13.5
4	10600.00	34.7 AV	54.0	-19.3	1.54 H	140	21.2	13.5
5	15900.00	56.5 PK	74.0	-17.5	3.11 H	288	43.6	12.9
6	15900.00	44.1 AV	54.0	-9.9	3.11 H	288	31.2	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	111.2 PK			1.87 V	346	107.1	4.1
2	*5300.00	100.9 AV			1.87 V	346	96.8	4.1
3	10600.00	49.0 PK	74.0	-25.0	1.97 V	1	35.5	13.5
4	10600.00	36.3 AV	54.0	-17.7	1.97 V	1	22.8	13.5
5	15900.00	56.8 PK	74.0	-17.2	2.20 V	306	43.9	12.9
6	15900.00	45.0 AV	54.0	-9.0	2.20 V	306	32.1	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	111.4 PK			1.38 H	351	107.3	4.1
2	*5320.00	101.6 AV			1.38 H	351	97.5	4.1
3	5350.00	49.7 PK	74.0	-24.3	1.37 H	350	45.6	4.1
4	5350.00	37.5 AV	54.0	-16.5	1.37 H	350	33.4	4.1
5	10640.00	47.3 PK	74.0	-26.7	1.51 H	136	33.8	13.5
6	10640.00	35.0 AV	54.0	-19.0	1.51 H	136	21.5	13.5
7	15960.00	56.3 PK	74.0	-17.7	3.09 H	317	43.4	12.9
8	15960.00	44.1 AV	54.0	-9.9	3.09 H	317	31.2	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	110.9 PK			1.84 V	349	106.8	4.1
2	*5320.00	100.8 AV			1.84 V	349	96.7	4.1
3	5350.00	49.0 PK	74.0	-25.0	1.84 V	349	44.9	4.1
4	5350.00	37.2 AV	54.0	-16.8	1.84 V	349	33.1	4.1
5	10640.00	48.7 PK	74.0	-25.3	1.95 V	19	35.2	13.5
6	10640.00	35.7 AV	54.0	-18.3	1.95 V	19	22.2	13.5
7	15960.00	57.7 PK	74.0	-16.3	2.22 V	321	44.8	12.9
8	15960.00	45.7 AV	54.0	-8.3	2.22 V	321	32.8	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	57.3 PK	74.0	-16.7	1.24 H	343	53.1	4.2
2	#5470.00	45.0 AV	54.0	-9.0	1.24 H	343	40.8	4.2
3	*5500.00	111.1 PK			1.24 H	343	106.9	4.2
4	*5500.00	101.8 AV			1.24 H	343	97.6	4.2
5	11000.00	47.0 PK	74.0	-27.0	1.54 H	146	32.9	14.1
6	11000.00	35.1 AV	54.0	-18.9	1.54 H	146	21.0	14.1
7	#16500.00	56.5 PK	74.0	-17.5	3.09 H	289	42.0	14.5
8	#16500.00	44.2 AV	54.0	-9.8	3.09 H	289	29.7	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	56.6 PK	74.0	-17.4	1.87 V	341	52.4	4.2
2	#5470.00	44.7 AV	54.0	-9.3	1.87 V	341	40.5	4.2
3	*5500.00	110.6 PK			1.87 V	341	106.4	4.2
4	*5500.00	101.0 AV			1.87 V	341	96.8	4.2
5	11000.00	48.1 PK	74.0	-25.9	1.96 V	6	34.0	14.1
6	11000.00	35.5 AV	54.0	-18.5	1.96 V	6	21.4	14.1
7	#16500.00	57.3 PK	74.0	-16.7	2.24 V	333	42.8	14.5
8	#16500.00	45.5 AV	54.0	-8.5	2.24 V	333	31.0	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	111.1 PK			1.28 H	349	106.9	4.2
2	*5580.00	101.8 AV			1.28 H	349	97.6	4.2
3	11160.00	46.8 PK	74.0	-27.2	1.59 H	142	33.1	13.7
4	11160.00	35.0 AV	54.0	-19.0	1.59 H	142	21.3	13.7
5	#16740.00	56.1 PK	74.0	-17.9	3.06 H	301	40.4	15.7
6	#16740.00	44.0 AV	54.0	-10.0	3.06 H	301	28.3	15.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	110.6 PK			1.86 V	328	106.4	4.2
2	*5580.00	101.0 AV			1.86 V	328	96.8	4.2
3	11160.00	49.3 PK	74.0	-24.7	1.91 V	7	35.6	13.7
4	11160.00	36.5 AV	54.0	-17.5	1.91 V	7	22.8	13.7
5	#16740.00	57.8 PK	74.0	-16.2	2.25 V	306	42.1	15.7
6	#16740.00	45.8 AV	54.0	-8.2	2.25 V	306	30.1	15.7

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	111.2 PK			1.18 H	346	106.7	4.5
2	*5700.00	101.8 AV			1.18 H	346	97.3	4.5
3	#5725.00	56.8 PK	74.0	-17.2	1.29 H	358	52.4	4.4
4	#5725.00	44.7 AV	54.0	-9.3	1.29 H	358	40.3	4.4
5	11400.00	47.5 PK	74.0	-26.5	1.50 H	141	33.9	13.6
6	11400.00	35.3 AV	54.0	-18.7	1.50 H	141	21.7	13.6
7	#17100.00	56.7 PK	74.0	-17.3	3.07 H	299	39.3	17.4
8	#17100.00	44.7 AV	54.0	-9.3	3.07 H	299	27.3	17.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	110.7 PK			1.80 V	343	106.2	4.5
2	*5700.00	101.0 AV			1.80 V	343	96.5	4.5
3	#5725.00	56.1 PK	74.0	-17.9	1.80 V	343	51.7	4.4
4	#5725.00	44.4 AV	54.0	-9.6	1.80 V	343	40.0	4.4
5	11400.00	48.3 PK	74.0	-25.7	1.89 V	1	34.7	13.6
6	11400.00	35.7 AV	54.0	-18.3	1.89 V	1	22.1	13.6
7	#17100.00	57.6 PK	74.0	-16.4	2.29 V	316	40.2	17.4
8	#17100.00	45.5 AV	54.0	-8.5	2.29 V	316	28.1	17.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	56.7 PK	74.0	-17.3	1.13 H	348	52.7	4.0
2	#5470.00	44.6 AV	54.0	-9.4	1.13 H	348	40.6	4.0
3	*5720.00	111.7 PK			1.13 H	348	107.5	4.2
4	*5720.00	102.1 AV			1.13 H	348	97.9	4.2
5	#5850.00	57.0 PK	74.0	-17.0	1.13 H	348	52.4	4.6
6	#5850.00	44.9 AV	54.0	-9.1	1.13 H	348	40.3	4.6
7	11440.00	47.5 PK	74.0	-26.5	1.47 H	135	33.7	13.8
8	11440.00	35.5 AV	54.0	-18.5	1.47 H	135	21.7	13.8
9	#17160.00	57.1 PK	74.0	-16.9	3.07 H	310	40.7	16.4
10	#17160.00	44.9 AV	54.0	-9.1	3.07 H	310	28.5	16.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	56.1 PK	74.0	-17.9	1.79 V	348	52.1	4.0
2	#5470.00	44.3 AV	54.0	-9.7	1.79 V	348	40.3	4.0
3	*5720.00	110.9 PK			1.79 V	348	106.7	4.2
4	*5720.00	101.3 AV			1.79 V	348	97.1	4.2
5	#5850.00	56.6 PK	74.0	-17.4	1.79 V	348	52.0	4.6
6	#5850.00	44.6 AV	54.0	-9.4	1.79 V	348	40.0	4.6
7	11440.00	48.3 PK	74.0	-25.7	1.93 V	12	34.5	13.8
8	11440.00	35.7 AV	54.0	-18.3	1.93 V	12	21.9	13.8
9	#17160.00	57.4 PK	74.0	-16.6	2.32 V	319	41.0	16.4
10	#17160.00	45.1 AV	54.0	-8.9	2.32 V	319	28.7	16.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very 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 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	4967.00	47.8 PK	74.0	-26.2	1.35 H	348	44.6	3.2
2	4967.00	37.4 AV	54.0	-16.6	1.35 H	348	34.2	3.2
3	*5260.00	110.4 PK			1.35 H	348	106.4	4.0
4	*5260.00	100.5 AV			1.35 H	348	96.5	4.0
5	#10520.00	46.4 PK	74.0	-27.6	1.50 H	138	33.2	13.2
6	#10520.00	34.6 AV	54.0	-19.4	1.50 H	138	21.4	13.2
7	15780.00	56.6 PK	74.0	-17.4	3.16 H	313	43.0	13.6
8	15780.00	44.4 AV	54.0	-9.6	3.16 H	313	30.8	13.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	47.1 PK	74.0	-26.9	2.08 V	360	43.4	3.7
2	5150.00	37.1 AV	54.0	-16.9	2.08 V	360	33.4	3.7
3	*5260.00	109.9 PK			2.08 V	360	105.9	4.0
4	*5260.00	99.7 AV			2.08 V	360	95.7	4.0
5	#10520.00	48.1 PK	74.0	-25.9	1.93 V	19	34.9	13.2
6	#10520.00	35.6 AV	54.0	-18.4	1.93 V	19	22.4	13.2
7	15780.00	57.5 PK	74.0	-16.5	2.32 V	313	43.9	13.6
8	15780.00	45.5 AV	54.0	-8.5	2.32 V	313	31.9	13.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	110.9 PK			1.35 H	348	106.8	4.1
2	*5300.00	100.3 AV			1.35 H	348	96.2	4.1
3	10600.00	46.8 PK	74.0	-27.2	1.55 H	126	33.3	13.5
4	10600.00	34.6 AV	54.0	-19.4	1.55 H	126	21.1	13.5
5	15900.00	57.1 PK	74.0	-16.9	3.09 H	305	44.2	12.9
6	15900.00	44.7 AV	54.0	-9.3	3.09 H	305	31.8	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	110.4 PK			1.97 V	351	106.3	4.1
2	*5300.00	99.5 AV			1.97 V	351	95.4	4.1
3	10600.00	48.2 PK	74.0	-25.8	1.91 V	0	34.7	13.5
4	10600.00	35.6 AV	54.0	-18.4	1.91 V	0	22.1	13.5
5	15900.00	57.6 PK	74.0	-16.4	2.20 V	332	44.7	12.9
6	15900.00	45.5 AV	54.0	-8.5	2.20 V	332	32.6	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	110.9 PK			1.33 H	345	106.8	4.1
2	*5320.00	100.1 AV			1.33 H	345	96.0	4.1
3	5350.00	54.3 PK	74.0	-19.7	1.33 H	345	50.2	4.1
4	5350.00	42.4 AV	54.0	-11.6	1.33 H	345	38.3	4.1
5	10640.00	46.8 PK	74.0	-27.2	1.56 H	143	33.3	13.5
6	10640.00	34.9 AV	54.0	-19.1	1.56 H	143	21.4	13.5
7	15960.00	56.9 PK	74.0	-17.1	3.06 H	294	44.0	12.9
8	15960.00	44.7 AV	54.0	-9.3	3.06 H	294	31.8	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	110.4 PK			2.02 V	360	106.3	4.1
2	*5320.00	99.3 AV			2.02 V	360	95.2	4.1
3	5350.00	53.6 PK	74.0	-20.4	2.02 V	360	49.5	4.1
4	5350.00	42.1 AV	54.0	-11.9	2.02 V	360	38.0	4.1
5	10640.00	48.6 PK	74.0	-25.4	1.91 V	13	35.1	13.5
6	10640.00	36.1 AV	54.0	-17.9	1.91 V	13	22.6	13.5
7	15960.00	57.4 PK	74.0	-16.6	2.29 V	305	44.5	12.9
8	15960.00	45.5 AV	54.0	-8.5	2.29 V	305	32.6	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	55.9 PK	74.0	-18.1	1.26 H	347	51.7	4.2
2	#5470.00	45.6 AV	54.0	-8.4	1.26 H	347	41.4	4.2
3	*5500.00	111.4 PK			1.26 H	347	107.2	4.2
4	*5500.00	100.6 AV			1.26 H	347	96.4	4.2
5	11000.00	47.1 PK	74.0	-26.9	1.51 H	137	33.0	14.1
6	11000.00	35.1 AV	54.0	-18.9	1.51 H	137	21.0	14.1
7	#16500.00	56.6 PK	74.0	-17.4	3.15 H	291	42.1	14.5
8	#16500.00	44.1 AV	54.0	-9.9	3.15 H	291	29.6	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	55.2 PK	74.0	-18.8	2.02 V	356	51.0	4.2
2	#5470.00	45.3 AV	54.0	-8.7	2.02 V	356	41.1	4.2
3	*5500.00	110.9 PK			2.02 V	356	106.7	4.2
4	*5500.00	99.8 AV			2.02 V	356	95.6	4.2
5	11000.00	48.6 PK	74.0	-25.4	1.96 V	19	34.5	14.1
6	11000.00	35.7 AV	54.0	-18.3	1.96 V	19	21.6	14.1
7	#16500.00	56.8 PK	74.0	-17.2	2.28 V	325	42.3	14.5
8	#16500.00	44.9 AV	54.0	-9.1	2.28 V	325	30.4	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	112.2 PK			1.26 H	346	108.0	4.2
2	*5580.00	100.9 AV			1.26 H	346	96.7	4.2
3	11160.00	47.3 PK	74.0	-26.7	1.58 H	128	33.6	13.7
4	11160.00	35.3 AV	54.0	-18.7	1.58 H	128	21.6	13.7
5	#16740.00	56.0 PK	74.0	-18.0	3.06 H	305	40.3	15.7
6	#16740.00	43.8 AV	54.0	-10.2	3.06 H	305	28.1	15.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	111.7 PK			2.05 V	350	107.5	4.2
2	*5580.00	100.1 AV			2.05 V	350	95.9	4.2
3	11160.00	48.5 PK	74.0	-25.5	1.96 V	0	34.8	13.7
4	11160.00	36.0 AV	54.0	-18.0	1.96 V	0	22.3	13.7
5	#16740.00	56.9 PK	74.0	-17.1	2.22 V	316	41.2	15.7
6	#16740.00	44.9 AV	54.0	-9.1	2.22 V	316	29.2	15.7

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	112.1 PK			1.20 H	347	107.6	4.5
2	*5700.00	100.9 AV			1.20 H	347	96.4	4.5
3	#5943.00	55.6 PK	74.0	-18.4	1.20 H	347	50.9	4.7
4	#5943.00	45.1 AV	54.0	-8.9	1.20 H	347	40.4	4.7
5	11400.00	46.9 PK	74.0	-27.1	1.56 H	145	33.3	13.6
6	11400.00	35.0 AV	54.0	-19.0	1.56 H	145	21.4	13.6
7	#17100.00	56.7 PK	74.0	-17.3	3.04 H	301	39.3	17.4
8	#17100.00	44.5 AV	54.0	-9.5	3.04 H	301	27.1	17.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	111.6 PK			1.99 V	360	107.1	4.5
2	*5700.00	100.1 AV			1.99 V	360	95.6	4.5
3	#5725.00	54.9 PK	74.0	-19.1	1.99 V	360	50.5	4.4
4	#5725.00	44.8 AV	54.0	-9.2	1.99 V	360	40.4	4.4
5	11400.00	48.8 PK	74.0	-25.2	1.92 V	14	35.2	13.6
6	11400.00	35.9 AV	54.0	-18.1	1.92 V	14	22.3	13.6
7	#17100.00	56.9 PK	74.0	-17.1	2.31 V	329	39.5	17.4
8	#17100.00	45.0 AV	54.0	-9.0	2.31 V	329	27.6	17.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	54.9 PK	74.0	-19.1	1.20 H	360	50.9	4.0
2	#5470.00	44.6 AV	54.0	-9.4	1.20 H	360	40.6	4.0
3	*5720.00	112.2 PK			1.20 H	360	108.0	4.2
4	*5720.00	101.1 AV			1.20 H	360	96.9	4.2
5	#5850.00	56.6 PK	74.0	-17.4	1.20 H	360	52.0	4.6
6	#5850.00	44.5 AV	54.0	-9.5	1.20 H	360	39.9	4.6
7	11440.00	46.7 PK	74.0	-27.3	1.54 H	142	32.9	13.8
8	11440.00	34.7 AV	54.0	-19.3	1.54 H	142	20.9	13.8
9	#17160.00	57.2 PK	74.0	-16.8	3.00 H	287	40.8	16.4
10	#17160.00	45.0 AV	54.0	-9.0	3.00 H	287	28.6	16.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	54.9 PK	74.0	-19.1	2.03 V	360	50.9	4.0
2	#5470.00	44.8 AV	54.0	-9.2	2.03 V	360	40.8	4.0
3	*5720.00	111.7 PK			2.03 V	360	107.5	4.2
4	*5720.00	100.4 AV			2.03 V	360	96.2	4.2
5	#5850.00	56.3 PK	74.0	-17.7	2.03 V	360	51.7	4.6
6	#5850.00	44.3 AV	54.0	-9.7	2.03 V	360	39.7	4.6
7	11440.00	48.9 PK	74.0	-25.1	1.96 V	3	35.1	13.8
8	11440.00	35.8 AV	54.0	-18.2	1.96 V	3	22.0	13.8
9	#17160.00	57.3 PK	74.0	-16.7	2.32 V	334	40.9	16.4
10	#17160.00	45.4 AV	54.0	-8.6	2.32 V	334	29.0	16.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very 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 54	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5123.00	49.3 PK	74.0	-24.7	1.22 H	346	45.8	3.5
2	5123.00	40.3 AV	54.0	-13.7	1.22 H	346	36.8	3.5
3	*5270.00	109.1 PK			1.22 H	346	105.1	4.0
4	*5270.00	98.3 AV			1.22 H	346	94.3	4.0
5	#10540.00	47.3 PK	74.0	-26.7	1.53 H	124	34.0	13.3
6	#10540.00	35.1 AV	54.0	-18.9	1.53 H	124	21.8	13.3
7	15810.00	56.8 PK	74.0	-17.2	3.06 H	318	43.4	13.4
8	15810.00	44.4 AV	54.0	-9.6	3.06 H	318	31.0	13.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	48.6 PK	74.0	-25.4	1.55 V	337	44.9	3.7
2	5150.00	40.0 AV	54.0	-14.0	1.55 V	337	36.3	3.7
3	*5270.00	108.6 PK			1.55 V	337	104.6	4.0
4	*5270.00	97.5 AV			1.55 V	337	93.5	4.0
5	#10540.00	48.3 PK	74.0	-25.7	1.96 V	12	35.0	13.3
6	#10540.00	35.9 AV	54.0	-18.1	1.96 V	12	22.6	13.3
7	15810.00	57.4 PK	74.0	-16.6	2.23 V	335	44.0	13.4
8	15810.00	45.5 AV	54.0	-8.5	2.23 V	335	32.1	13.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	107.3 PK			1.18 H	347	103.2	4.1
2	*5310.00	98.8 AV			1.18 H	347	94.7	4.1
3	5350.00	62.8 PK	74.0	-11.2	1.18 H	347	58.7	4.1
4	5350.00	49.4 AV	54.0	-4.6	1.18 H	347	45.3	4.1
5	10620.00	47.0 PK	74.0	-27.0	1.51 H	150	33.5	13.5
6	10620.00	35.0 AV	54.0	-19.0	1.51 H	150	21.5	13.5
7	15930.00	56.2 PK	74.0	-17.8	3.06 H	294	43.4	12.8
8	15930.00	44.1 AV	54.0	-9.9	3.06 H	294	31.3	12.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	106.8 PK			1.63 V	337	102.7	4.1
2	*5310.00	98.0 AV			1.63 V	337	93.9	4.1
3	5350.00	62.1 PK	74.0	-11.9	1.63 V	337	58.0	4.1
4	5350.00	49.1 AV	54.0	-4.9	1.63 V	337	45.0	4.1
5	10620.00	48.7 PK	74.0	-25.3	1.88 V	1	35.2	13.5
6	10620.00	35.7 AV	54.0	-18.3	1.88 V	1	22.2	13.5
7	15930.00	57.0 PK	74.0	-17.0	2.30 V	333	44.2	12.8
8	15930.00	45.0 AV	54.0	-9.0	2.30 V	333	32.2	12.8

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	62.2 PK	74.0	-11.8	1.12 H	346	58.0	4.2
2	#5470.00	45.9 AV	54.0	-8.1	1.12 H	346	41.7	4.2
3	*5510.00	108.8 PK			1.12 H	346	104.6	4.2
4	*5510.00	98.8 AV			1.12 H	346	94.6	4.2
5	11020.00	46.8 PK	74.0	-27.2	1.57 H	129	32.8	14.0
6	11020.00	34.7 AV	54.0	-19.3	1.57 H	129	20.7	14.0
7	#16530.00	56.5 PK	74.0	-17.5	3.14 H	287	41.6	14.9
8	#16530.00	44.3 AV	54.0	-9.7	3.14 H	287	29.4	14.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	61.5 PK	74.0	-12.5	1.56 V	357	57.3	4.2
2	#5470.00	45.6 AV	54.0	-8.4	1.56 V	357	41.4	4.2
3	*5510.00	108.3 PK			1.56 V	357	104.1	4.2
4	*5510.00	98.0 AV			1.56 V	357	93.8	4.2
5	11020.00	48.9 PK	74.0	-25.1	1.94 V	11	34.9	14.0
6	11020.00	36.1 AV	54.0	-17.9	1.94 V	11	22.1	14.0
7	#16530.00	57.6 PK	74.0	-16.4	2.26 V	332	42.7	14.9
8	#16530.00	45.4 AV	54.0	-8.6	2.26 V	332	30.5	14.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	108.6 PK			1.15 H	339	104.4	4.2
2	*5550.00	98.9 AV			1.15 H	339	94.7	4.2
3	11100.00	47.0 PK	74.0	-27.0	1.59 H	137	33.2	13.8
4	11100.00	35.0 AV	54.0	-19.0	1.59 H	137	21.2	13.8
5	#16650.00	56.5 PK	74.0	-17.5	3.07 H	295	40.9	15.6
6	#16650.00	44.5 AV	54.0	-9.5	3.07 H	295	28.9	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	108.1 PK			1.66 V	336	103.9	4.2
2	*5550.00	98.1 AV			1.66 V	336	93.9	4.2
3	11100.00	48.6 PK	74.0	-25.4	1.96 V	0	34.8	13.8
4	11100.00	36.1 AV	54.0	-17.9	1.96 V	0	22.3	13.8
5	#16650.00	57.7 PK	74.0	-16.3	2.21 V	308	42.1	15.6
6	#16650.00	45.4 AV	54.0	-8.6	2.21 V	308	29.8	15.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	108.5 PK			1.16 H	341	104.2	4.3
2	*5670.00	98.5 AV			1.16 H	341	94.2	4.3
3	#5725.00	54.8 PK	74.0	-19.2	1.16 H	341	50.4	4.4
4	#5725.00	44.0 AV	54.0	-10.0	1.16 H	341	39.6	4.4
5	11340.00	47.6 PK	74.0	-26.4	1.55 H	128	34.0	13.6
6	11340.00	35.4 AV	54.0	-18.6	1.55 H	128	21.8	13.6
7	#17010.00	56.1 PK	74.0	-17.9	3.15 H	313	39.0	17.1
8	#17010.00	44.0 AV	54.0	-10.0	3.15 H	313	26.9	17.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	108.0 PK			1.62 V	345	103.7	4.3
2	*5670.00	97.7 AV			1.62 V	345	93.4	4.3
3	#5725.00	54.1 PK	74.0	-19.9	1.62 V	345	49.7	4.4
4	#5725.00	43.7 AV	54.0	-10.3	1.62 V	345	39.3	4.4
5	11340.00	49.0 PK	74.0	-25.0	2.00 V	0	35.4	13.6
6	11340.00	36.4 AV	54.0	-17.6	2.00 V	0	22.8	13.6
7	#17010.00	57.5 PK	74.0	-16.5	2.29 V	311	40.4	17.1
8	#17010.00	45.6 AV	54.0	-8.4	2.29 V	311	28.5	17.1

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	55.2 PK	74.0	-18.8	1.15 H	353	51.2	4.0
2	#5470.00	44.2 AV	54.0	-9.8	1.15 H	353	40.2	4.0
3	*5710.00	108.2 PK			1.15 H	353	103.9	4.3
4	*5710.00	98.3 AV			1.15 H	353	94.0	4.3
5	#5850.00	56.3 PK	74.0	-17.7	1.15 H	353	51.7	4.6
6	#5850.00	44.4 AV	54.0	-9.6	1.15 H	353	39.8	4.6
7	11420.00	48.1 PK	74.0	-25.9	1.50 H	131	34.3	13.8
8	11420.00	35.6 AV	54.0	-18.4	1.50 H	131	21.8	13.8
9	#17130.00	56.0 PK	74.0	-18.0	3.11 H	306	39.5	16.5
10	#17130.00	44.1 AV	54.0	-9.9	3.11 H	306	27.6	16.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	54.3 PK	74.0	-19.7	1.59 V	357	50.3	4.0
2	#5470.00	44.0 AV	54.0	-10.0	1.59 V	357	40.0	4.0
3	*5710.00	107.9 PK			1.59 V	357	103.6	4.3
4	*5710.00	97.7 AV			1.59 V	357	93.4	4.3
5	#5850.00	55.8 PK	74.0	-18.2	1.59 V	357	51.2	4.6
6	#5850.00	44.2 AV	54.0	-9.8	1.59 V	357	39.6	4.6
7	11420.00	49.1 PK	74.0	-24.9	2.03 V	0	35.3	13.8
8	11420.00	36.3 AV	54.0	-17.7	2.03 V	0	22.5	13.8
9	#17130.00	57.3 PK	74.0	-16.7	2.29 V	310	40.8	16.5
10	#17130.00	45.3 AV	54.0	-8.7	2.29 V	310	28.8	16.5

REMARKS:

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

802.11ac (VHT80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	48.7 PK	74.0	-25.3	1.13 H	343	45.0	3.7
2	5150.00	40.2 AV	54.0	-13.8	1.13 H	343	36.5	3.7
3	*5290.00	105.5 PK			1.13 H	343	101.4	4.1
4	*5290.00	95.2 AV			1.13 H	343	91.1	4.1
5	5350.00	60.8 PK	74.0	-13.2	1.13 H	343	56.7	4.1
6	**5350.00**	**53.9 AV**	**54.0**	**-0.1**	**1.13 H**	**343**	**49.8**	**4.1**
7	#10580.00	47.2 PK	74.0	-26.8	1.52 H	150	33.8	13.4
8	#10580.00	35.0 AV	54.0	-19.0	1.52 H	150	21.6	13.4
9	15870.00	57.2 PK	74.0	-16.8	3.14 H	311	44.2	13.0
10	15870.00	44.7 AV	54.0	-9.3	3.14 H	311	31.7	13.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	48.0 PK	74.0	-26.0	1.76 V	348	44.3	3.7
2	5150.00	39.9 AV	54.0	-14.1	1.76 V	348	36.2	3.7
3	*5290.00	105.0 PK			1.76 V	348	100.9	4.1
4	*5290.00	94.4 AV			1.76 V	348	90.3	4.1
5	5350.00	60.1 PK	74.0	-13.9	1.76 V	348	56.0	4.1
6	5350.00	53.6 AV	54.0	-0.4	1.76 V	348	49.5	4.1
7	#10580.00	48.0 PK	74.0	-26.0	1.90 V	0	34.6	13.4
8	#10580.00	35.5 AV	54.0	-18.5	1.90 V	0	22.1	13.4
9	15870.00	57.8 PK	74.0	-16.2	2.32 V	319	44.8	13.0
10	15870.00	45.9 AV	54.0	-8.1	2.32 V	319	32.9	13.0

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	66.8 PK	74.0	-7.2	1.11 H	343	62.6	4.2
2	#5470.00	49.7 AV	54.0	-4.3	1.11 H	343	45.5	4.2
3	*5530.00	105.1 PK			1.11 H	343	100.9	4.2
4	*5530.00	96.2 AV			1.11 H	343	92.0	4.2
5	#5837.00	52.2 PK	74.0	-21.8	1.10 H	340	47.8	4.4
6	#5837.00	45.5 AV	54.0	-8.5	1.10 H	340	41.1	4.4
7	11060.00	47.1 PK	74.0	-26.9	1.50 H	124	33.2	13.9
8	11060.00	34.8 AV	54.0	-19.2	1.50 H	124	20.9	13.9
9	#16590.00	57.0 PK	74.0	-17.0	3.08 H	310	41.4	15.6
10	#16590.00	44.7 AV	54.0	-9.3	3.08 H	310	29.1	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	66.1 PK	74.0	-7.9	1.71 V	357	61.9	4.2
2	#5470.00	49.4 AV	54.0	-4.6	1.71 V	357	45.2	4.2
3	*5530.00	104.6 PK			1.71 V	357	100.4	4.2
4	*5530.00	95.4 AV			1.71 V	357	91.2	4.2
5	#5725.00	51.5 PK	74.0	-22.5	1.71 V	357	47.1	4.4
6	#5725.00	45.2 AV	54.0	-8.8	1.71 V	357	40.8	4.4
7	11060.00	48.9 PK	74.0	-25.1	1.97 V	0	35.0	13.9
8	11060.00	36.3 AV	54.0	-17.7	1.97 V	0	22.4	13.9
9	#16590.00	57.5 PK	74.0	-16.5	2.30 V	309	41.9	15.6
10	#16590.00	45.3 AV	54.0	-8.7	2.30 V	309	29.7	15.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	106.3 PK			1.10 H	342	101.9	4.4
2	*5610.00	96.3 AV			1.10 H	342	91.9	4.4
3	#5725.00	53.7 PK	74.0	-20.3	1.10 H	342	49.3	4.4
4	#5725.00	43.6 AV	54.0	-10.4	1.10 H	342	39.2	4.4
5	11220.00	46.9 PK	74.0	-27.1	1.58 H	146	33.2	13.7
6	11220.00	34.7 AV	54.0	-19.3	1.58 H	146	21.0	13.7
7	#16830.00	56.3 PK	74.0	-17.7	3.06 H	302	40.4	15.9
8	#16830.00	44.0 AV	54.0	-10.0	3.06 H	302	28.1	15.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	105.8 PK			1.70 V	352	101.4	4.4
2	*5610.00	95.5 AV			1.70 V	352	91.1	4.4
3	#5725.00	53.0 PK	74.0	-21.0	1.70 V	352	48.6	4.4
4	#5725.00	43.3 AV	54.0	-10.7	1.70 V	352	38.9	4.4
5	11220.00	48.8 PK	74.0	-25.2	1.90 V	7	35.1	13.7
6	11220.00	36.0 AV	54.0	-18.0	1.90 V	7	22.3	13.7
7	#16830.00	57.3 PK	74.0	-16.7	2.30 V	329	41.4	15.9
8	#16830.00	45.0 AV	54.0	-9.0	2.30 V	329	29.1	15.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	53.5 PK	74.0	-20.5	1.05 H	350	49.5	4.0
2	#5470.00	43.6 AV	54.0	-10.4	1.05 H	350	39.6	4.0
3	*5690.00	106.9 PK			1.05 H	350	102.7	4.2
4	*5690.00	96.7 AV			1.05 H	350	92.5	4.2
5	#5850.00	56.8 PK	74.0	-17.2	1.05 H	350	52.2	4.6
6	#5850.00	44.5 AV	54.0	-9.5	1.05 H	350	39.9	4.6
7	11380.00	46.8 PK	74.0	-27.2	1.63 H	154	33.1	13.7
8	11380.00	34.6 AV	54.0	-19.4	1.63 H	154	20.9	13.7
9	#17070.00	56.3 PK	74.0	-17.7	3.04 H	293	39.7	16.6
10	#17070.00	43.9 AV	54.0	-10.1	3.04 H	293	27.3	16.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	52.9 PK	74.0	-21.1	1.76 V	344	48.9	4.0
2	#5470.00	43.2 AV	54.0	-10.8	1.76 V	344	39.2	4.0
3	*5690.00	105.6 PK			1.76 V	344	101.4	4.2
4	*5690.00	95.3 AV			1.76 V	344	91.1	4.2
5	#5850.00	56.0 PK	74.0	-18.0	1.76 V	344	51.4	4.6
6	#5850.00	44.2 AV	54.0	-9.8	1.76 V	344	39.6	4.6
7	11380.00	49.3 PK	74.0	-24.7	1.93 V	19	35.6	13.7
8	11380.00	36.4 AV	54.0	-17.6	1.93 V	19	22.7	13.7
9	#17070.00	57.6 PK	74.0	-16.4	2.28 V	336	41.0	16.6
10	#17070.00	45.1 AV	54.0	-8.9	2.28 V	336	28.5	16.6

REMARKS:

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

Below 1GHz Data:

802.11ac (VHT20)

CHANNEL	TX Channel 140	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	88.10	33.8 QP	43.5	-9.7	3.00 H	0	48.0	-14.2
2	114.39	33.6 QP	43.5	-9.9	3.00 H	274	44.3	-10.7
3	223.81	31.0 QP	46.0	-15.0	1.00 H	293	42.1	-11.1
4	346.10	34.5 QP	46.0	-11.5	1.00 H	304	41.0	-6.5
5	398.60	37.2 QP	46.0	-8.8	2.00 H	48	42.6	-5.4
6	468.42	35.0 QP	46.0	-11.0	3.00 H	101	38.6	-3.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	37.98	35.9 QP	40.0	-4.1	1.00 V	304	44.6	-8.7
2	114.29	34.4 QP	43.5	-9.1	2.00 V	359	45.1	-10.7
3	224.39	29.4 QP	46.0	-16.6	1.00 V	7	40.4	-11.0
4	346.73	40.2 QP	46.0	-5.8	1.00 V	360	46.7	-6.5
5	387.40	39.5 QP	46.0	-6.5	3.00 V	78	45.2	-5.7
6	485.66	35.6 QP	46.0	-10.4	2.00 V	38	39.0	-3.4

REMARKS:

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

Omnidirectional

Above 1GHz Data:

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	47.3 PK	74.0	-26.7	2.20 H	11	43.6	3.7
2	5150.00	36.5 AV	54.0	-17.5	2.20 H	11	32.8	3.7
3	*5260.00	110.1 PK			2.20 H	11	106.1	4.0
4	*5260.00	100.0 AV			2.20 H	11	96.0	4.0
5	#10520.00	48.3 PK	74.0	-25.7	1.96 H	16	35.1	13.2
6	#10520.00	35.8 AV	54.0	-18.2	1.96 H	16	22.6	13.2
7	15780.00	56.7 PK	74.0	-17.3	2.29 H	334	43.1	13.6
8	15780.00	44.1 AV	54.0	-9.9	2.29 H	334	30.5	13.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	49.1 PK	74.0	-24.9	1.38 V	338	45.4	3.7
2	5150.00	37.2 AV	54.0	-16.8	1.38 V	338	33.5	3.7
3	*5260.00	110.7 PK			1.38 V	338	106.7	4.0
4	*5260.00	100.7 AV			1.38 V	338	96.7	4.0
5	#10520.00	46.3 PK	74.0	-27.7	1.60 V	138	33.1	13.2
6	#10520.00	34.0 AV	54.0	-20.0	1.60 V	138	20.8	13.2
7	15780.00	55.6 PK	74.0	-18.4	3.10 V	323	42.0	13.6
8	15780.00	43.7 AV	54.0	-10.3	3.10 V	323	30.1	13.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	110.6 PK			1.87 H	345	106.5	4.1
2	*5300.00	100.0 AV			1.87 H	345	95.9	4.1
3	10600.00	49.0 PK	74.0	-25.0	1.92 H	2	35.5	13.5
4	10600.00	36.4 AV	54.0	-17.6	1.92 H	2	22.9	13.5
5	15900.00	57.1 PK	74.0	-16.9	2.16 H	294	44.2	12.9
6	15900.00	45.3 AV	54.0	-8.7	2.16 H	294	32.4	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	111.3 PK			1.34 V	346	107.2	4.1
2	*5300.00	101.4 AV			1.34 V	346	97.3	4.1
3	10600.00	46.7 PK	74.0	-27.3	1.60 V	127	33.2	13.5
4	10600.00	34.8 AV	54.0	-19.2	1.60 V	127	21.3	13.5
5	15900.00	56.6 PK	74.0	-17.4	3.12 V	283	43.7	12.9
6	15900.00	44.3 AV	54.0	-9.7	3.12 V	283	31.4	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	110.5 PK			1.84 H	347	106.4	4.1
2	*5320.00	100.3 AV			1.84 H	347	96.2	4.1
3	5350.00	48.8 PK	74.0	-25.2	1.84 H	347	44.7	4.1
4	5350.00	37.2 AV	54.0	-16.8	1.84 H	347	33.1	4.1
5	10640.00	48.9 PK	74.0	-25.1	1.92 H	23	35.4	13.5
6	10640.00	36.0 AV	54.0	-18.0	1.92 H	23	22.5	13.5
7	15960.00	58.2 PK	74.0	-15.8	2.26 H	321	45.3	12.9
8	15960.00	46.1 AV	54.0	-7.9	2.26 H	321	33.2	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	111.0 PK			1.42 V	348	106.9	4.1
2	*5320.00	101.4 AV			1.42 V	348	97.3	4.1
3	5350.00	49.5 PK	74.0	-24.5	1.42 V	348	45.4	4.1
4	5350.00	37.1 AV	54.0	-16.9	1.42 V	348	33.0	4.1
5	10640.00	47.0 PK	74.0	-27.0	1.49 V	151	33.5	13.5
6	10640.00	34.6 AV	54.0	-19.4	1.49 V	151	21.1	13.5
7	15960.00	56.0 PK	74.0	-18.0	3.05 V	316	43.1	12.9
8	15960.00	43.9 AV	54.0	-10.1	3.05 V	316	31.0	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	56.9 PK	74.0	-17.1	1.84 H	347	52.7	4.2
2	#5470.00	45.2 AV	54.0	-8.8	1.84 H	347	41.0	4.2
3	*5500.00	109.8 PK			1.82 H	328	105.6	4.2
4	*5500.00	100.1 AV			1.82 H	328	95.9	4.2
5	11000.00	48.2 PK	74.0	-25.8	1.94 H	15	34.1	14.1
6	11000.00	35.5 AV	54.0	-18.5	1.94 H	15	21.4	14.1
7	#16500.00	57.0 PK	74.0	-17.0	2.23 H	344	42.5	14.5
8	#16500.00	45.1 AV	54.0	-8.9	2.23 H	344	30.6	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	57.3 PK	74.0	-16.7	1.84 V	347	53.1	4.2
2	#5470.00	45.3 AV	54.0	-8.7	1.84 V	347	41.1	4.2
3	*5500.00	110.6 PK			1.24 V	357	106.4	4.2
4	*5500.00	101.3 AV			1.24 V	357	97.1	4.2
5	11000.00	46.9 PK	74.0	-27.1	1.59 V	150	32.8	14.1
6	11000.00	35.3 AV	54.0	-18.7	1.59 V	150	21.2	14.1
7	#16500.00	56.3 PK	74.0	-17.7	3.03 V	291	41.8	14.5
8	#16500.00	44.0 AV	54.0	-10.0	3.03 V	291	29.5	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	110.1 PK			1.80 H	321	105.9	4.2
2	*5580.00	100.4 AV			1.80 H	321	96.2	4.2
3	11160.00	49.9 PK	74.0	-24.1	1.92 H	3	36.2	13.7
4	11160.00	36.9 AV	54.0	-17.1	1.92 H	3	23.2	13.7
5	#16740.00	57.6 PK	74.0	-16.4	2.20 H	292	41.9	15.7
6	#16740.00	45.7 AV	54.0	-8.3	2.20 H	292	30.0	15.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	110.2 PK			1.30 V	346	106.0	4.2
2	*5580.00	101.0 AV			1.30 V	346	96.8	4.2
3	11160.00	46.7 PK	74.0	-27.3	1.61 V	141	33.0	13.7
4	11160.00	34.9 AV	54.0	-19.1	1.61 V	141	21.2	13.7
5	#16740.00	56.2 PK	74.0	-17.8	3.01 V	291	40.5	15.7
6	#16740.00	44.1 AV	54.0	-9.9	3.01 V	291	28.4	15.7

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	110.2 PK			1.85 H	359	105.7	4.5
2	*5700.00	100.0 AV			1.85 H	359	95.5	4.5
3	#5725.00	55.9 PK	74.0	-18.1	1.85 H	359	51.5	4.4
4	#5725.00	44.4 AV	54.0	-9.6	1.85 H	359	40.0	4.4
5	11400.00	48.1 PK	74.0	-25.9	1.93 H	12	34.5	13.6
6	11400.00	35.5 AV	54.0	-18.5	1.93 H	12	21.9	13.6
7	#17100.00	57.6 PK	74.0	-16.4	2.25 H	302	40.2	17.4
8	#17100.00	45.5 AV	54.0	-8.5	2.25 H	302	28.1	17.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	110.3 PK			1.19 V	350	105.8	4.5
2	*5700.00	101.0 AV			1.19 V	350	96.5	4.5
3	#5725.00	57.2 PK	74.0	-16.8	1.19 V	350	52.8	4.4
4	#5725.00	45.1 AV	54.0	-8.9	1.19 V	350	40.7	4.4
5	11400.00	47.1 PK	74.0	-26.9	1.54 V	131	33.5	13.6
6	11400.00	35.1 AV	54.0	-18.9	1.54 V	131	21.5	13.6
7	#17100.00	56.9 PK	74.0	-17.1	3.11 V	291	39.5	17.4
8	#17100.00	44.9 AV	54.0	-9.1	3.11 V	291	27.5	17.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	56.1 PK	74.0	-17.9	1.80 H	357	52.1	4.0
2	#5470.00	44.4 AV	54.0	-9.6	1.80 H	357	40.4	4.0
3	*5720.00	110.4 PK			1.80 H	357	106.2	4.2
4	*5720.00	100.1 AV			1.80 H	357	95.9	4.2
5	#5850.00	57.2 PK	74.0	-16.8	1.80 H	357	52.6	4.6
6	#5850.00	45.5 AV	54.0	-8.5	1.80 H	357	40.9	4.6
7	11440.00	47.9 PK	74.0	-26.1	1.98 H	17	34.1	13.8
8	11440.00	35.6 AV	54.0	-18.4	1.98 H	17	21.8	13.8
9	#17160.00	58.2 PK	74.0	-15.8	2.24 H	316	41.8	16.4
10	#17160.00	45.9 AV	54.0	-8.1	2.24 H	316	29.5	16.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	57.3 PK	74.0	-16.7	1.16 V	351	53.3	4.0
2	#5470.00	44.9 AV	54.0	-9.1	1.16 V	351	40.9	4.0
3	*5720.00	110.2 PK			1.16 V	351	106.0	4.2
4	*5720.00	100.7 AV			1.16 V	351	96.5	4.2
5	#5850.00	57.9 PK	74.0	-16.1	1.16 V	351	53.3	4.6
6	#5850.00	45.7 AV	54.0	-8.3	1.16 V	351	41.1	4.6
7	11440.00	46.9 PK	74.0	-27.1	1.50 V	116	33.1	13.8
8	11440.00	34.9 AV	54.0	-19.1	1.50 V	116	21.1	13.8
9	#17160.00	56.5 PK	74.0	-17.5	3.12 V	307	40.1	16.4
10	#17160.00	44.5 AV	54.0	-9.5	3.12 V	307	28.1	16.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very 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 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	47.2 PK	74.0	-26.8	2.12 H	360	43.5	3.7
2	5150.00	37.5 AV	54.0	-16.5	2.12 H	360	33.8	3.7
3	*5260.00	109.6 PK			2.12 H	360	105.6	4.0
4	*5260.00	99.2 AV			2.12 H	360	95.2	4.0
5	#10520.00	47.8 PK	74.0	-26.2	1.90 H	15	34.6	13.2
6	#10520.00	35.1 AV	54.0	-18.9	1.90 H	15	21.9	13.2
7	15780.00	57.7 PK	74.0	-16.3	2.34 H	316	44.1	13.6
8	15780.00	45.9 AV	54.0	-8.1	2.34 H	316	32.3	13.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	47.9 PK	74.0	-26.1	1.38 V	360	44.2	3.7
2	5150.00	37.7 AV	54.0	-16.3	1.38 V	360	34.0	3.7
3	*5260.00	110.6 PK			1.38 V	360	106.6	4.0
4	*5260.00	100.1 AV			1.38 V	360	96.1	4.0
5	#10520.00	45.6 PK	74.0	-28.4	1.50 V	141	32.4	13.2
6	#10520.00	34.1 AV	54.0	-19.9	1.50 V	141	20.9	13.2
7	15780.00	56.7 PK	74.0	-17.3	3.16 V	318	43.1	13.6
8	15780.00	44.2 AV	54.0	-9.8	3.16 V	318	30.6	13.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	109.8 PK			2.01 H	354	105.7	4.1
2	*5300.00	99.3 AV			2.01 H	354	95.2	4.1
3	10600.00	48.4 PK	74.0	-25.6	1.89 H	21	34.9	13.5
4	10600.00	36.1 AV	54.0	-17.9	1.89 H	21	22.6	13.5
5	15900.00	57.7 PK	74.0	-16.3	2.19 H	327	44.8	12.9
6	15900.00	45.5 AV	54.0	-8.5	2.19 H	327	32.6	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	110.9 PK			1.30 V	336	106.8	4.1
2	*5300.00	100.1 AV			1.30 V	336	96.0	4.1
3	10600.00	46.5 PK	74.0	-27.5	1.56 V	137	33.0	13.5
4	10600.00	34.1 AV	54.0	-19.9	1.56 V	137	20.6	13.5
5	15900.00	57.7 PK	74.0	-16.3	3.13 V	312	44.8	12.9
6	15900.00	45.1 AV	54.0	-8.9	3.13 V	312	32.2	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	109.9 PK			2.02 H	360	105.8	4.1
2	*5320.00	99.1 AV			2.02 H	360	95.0	4.1
3	5350.00	54.0 PK	74.0	-20.0	2.02 H	360	49.9	4.1
4	5350.00	42.5 AV	54.0	-11.5	2.02 H	360	38.4	4.1
5	10640.00	48.5 PK	74.0	-25.5	1.90 H	3	35.0	13.5
6	10640.00	36.0 AV	54.0	-18.0	1.90 H	3	22.5	13.5
7	15960.00	57.2 PK	74.0	-16.8	2.32 H	295	44.3	12.9
8	15960.00	45.0 AV	54.0	-9.0	2.32 H	295	32.1	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	110.7 PK			1.31 V	354	106.6	4.1
2	*5320.00	99.7 AV			1.31 V	354	95.6	4.1
3	5350.00	54.6 PK	74.0	-19.4	1.31 V	354	50.5	4.1
4	5350.00	42.5 AV	54.0	-11.5	1.31 V	354	38.4	4.1
5	10640.00	46.3 PK	74.0	-27.7	1.52 V	137	32.8	13.5
6	10640.00	34.7 AV	54.0	-19.3	1.52 V	137	21.2	13.5
7	15960.00	57.1 PK	74.0	-16.9	3.11 V	303	44.2	12.9
8	15960.00	44.8 AV	54.0	-9.2	3.11 V	303	31.9	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	54.7 PK	74.0	-19.3	2.05 H	360	50.5	4.2
2	#5470.00	45.0 AV	54.0	-9.0	2.05 H	360	40.8	4.2
3	*5500.00	110.3 PK			2.05 H	360	106.1	4.2
4	*5500.00	99.7 AV			2.05 H	360	95.5	4.2
5	11000.00	48.3 PK	74.0	-25.7	2.00 H	21	34.2	14.1
6	11000.00	35.4 AV	54.0	-18.6	2.00 H	21	21.3	14.1
7	#16500.00	56.2 PK	74.0	-17.8	2.32 H	330	41.7	14.5
8	#16500.00	44.5 AV	54.0	-9.5	2.32 H	330	30.0	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	55.9 PK	74.0	-18.1	1.22 V	349	51.7	4.2
2	#5470.00	45.6 AV	54.0	-8.4	1.22 V	349	41.4	4.2
3	*5500.00	111.2 PK			1.22 V	349	107.0	4.2
4	*5500.00	100.4 AV			1.22 V	349	96.2	4.2
5	11000.00	47.3 PK	74.0	-26.7	1.51 V	153	33.2	14.1
6	11000.00	35.2 AV	54.0	-18.8	1.51 V	153	21.1	14.1
7	#16500.00	57.1 PK	74.0	-16.9	3.16 V	301	42.6	14.5
8	#16500.00	44.5 AV	54.0	-9.5	3.16 V	301	30.0	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	110.6 PK			2.02 H	345	106.4	4.2
2	*5580.00	100.0 AV			2.02 H	345	95.8	4.2
3	11160.00	48.7 PK	74.0	-25.3	1.97 H	10	35.0	13.7
4	11160.00	36.3 AV	54.0	-17.7	1.97 H	10	22.6	13.7
5	#16740.00	56.9 PK	74.0	-17.1	2.17 H	329	41.2	15.7
6	#16740.00	44.9 AV	54.0	-9.1	2.17 H	329	29.2	15.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	111.8 PK			1.22 V	345	107.6	4.2
2	*5580.00	100.5 AV			1.22 V	345	96.3	4.2
3	11160.00	47.8 PK	74.0	-26.2	1.52 V	122	34.1	13.7
4	11160.00	35.5 AV	54.0	-18.5	1.52 V	122	21.8	13.7
5	#16740.00	55.8 PK	74.0	-18.2	3.02 V	297	40.1	15.7
6	#16740.00	43.6 AV	54.0	-10.4	3.02 V	297	27.9	15.7

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	111.1 PK			1.93 H	360	106.6	4.5
2	*5700.00	99.9 AV			1.93 H	360	95.4	4.5
3	#5725.00	55.3 PK	74.0	-18.7	1.93 H	360	50.9	4.4
4	#5725.00	45.1 AV	54.0	-8.9	1.93 H	360	40.7	4.4
5	11400.00	49.3 PK	74.0	-24.7	1.97 H	12	35.7	13.6
6	11400.00	36.1 AV	54.0	-17.9	1.97 H	12	22.5	13.6
7	#17100.00	56.6 PK	74.0	-17.4	2.29 H	325	39.2	17.4
8	#17100.00	44.5 AV	54.0	-9.5	2.29 H	325	27.1	17.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	111.8 PK			1.22 V	345	107.3	4.5
2	*5700.00	100.5 AV			1.22 V	345	96.0	4.5
3	#5725.00	55.1 PK	74.0	-18.9	1.19 V	348	50.7	4.4
4	#5725.00	44.9 AV	54.0	-9.1	1.19 V	348	40.5	4.4
5	11400.00	47.8 PK	74.0	-26.2	1.52 V	122	34.2	13.6
6	11400.00	35.5 AV	54.0	-18.5	1.52 V	122	21.9	13.6
7	#17100.00	55.8 PK	74.0	-18.2	3.02 V	297	38.4	17.4
8	#17100.00	43.6 AV	54.0	-10.4	3.02 V	297	26.2	17.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	55.5 PK	74.0	-18.5	1.75 H	344	51.5	4.0
2	#5470.00	44.0 AV	54.0	-10.0	1.75 H	344	40.0	4.0
3	*5720.00	110.5 PK			1.77 H	358	106.3	4.2
4	*5720.00	100.1 AV			1.77 H	358	95.9	4.2
5	#5850.00	57.3 PK	74.0	-16.7	1.78 H	359	52.7	4.6
6	#5850.00	45.4 AV	54.0	-8.6	1.78 H	359	40.8	4.6
7	11440.00	48.2 PK	74.0	-25.8	2.04 H	31	34.4	13.8
8	11440.00	35.7 AV	54.0	-18.3	2.04 H	31	21.9	13.8
9	#17160.00	58.2 PK	74.0	-15.8	2.25 H	312	41.8	16.4
10	#17160.00	45.6 AV	54.0	-8.4	2.25 H	312	29.2	16.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	57.4 PK	74.0	-16.6	1.14 V	359	53.4	4.0
2	#5470.00	44.8 AV	54.0	-9.2	1.14 V	359	40.8	4.0
3	*5720.00	110.6 PK			1.12 V	354	106.4	4.2
4	*5720.00	101.2 AV			1.12 V	354	97.0	4.2
5	#5850.00	57.5 PK	74.0	-16.5	1.20 V	347	52.9	4.6
6	#5850.00	45.3 AV	54.0	-8.7	1.20 V	347	40.7	4.6
7	11440.00	46.8 PK	74.0	-27.2	1.52 V	101	33.0	13.8
8	11440.00	34.6 AV	54.0	-19.4	1.52 V	101	20.8	13.8
9	#17160.00	57.0 PK	74.0	-17.0	3.07 V	321	40.6	16.4
10	#17160.00	44.9 AV	54.0	-9.1	3.07 V	321	28.5	16.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very 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 54	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	48.2 PK	74.0	-25.8	1.58 H	336	44.5	3.7
2	5150.00	39.7 AV	54.0	-14.3	1.58 H	336	36.0	3.7
3	*5270.00	109.9 PK			1.58 H	336	105.9	4.0
4	*5270.00	97.8 AV			1.58 H	336	93.8	4.0
5	#10540.00	47.8 PK	74.0	-26.2	1.97 H	1	34.5	13.3
6	#10540.00	35.5 AV	54.0	-18.5	1.97 H	1	22.2	13.3
7	15810.00	57.9 PK	74.0	-16.1	2.28 H	321	44.5	13.4
8	15810.00	45.9 AV	54.0	-8.1	2.28 H	321	32.5	13.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	50.0 PK	74.0	-24.0	1.17 V	347	46.3	3.7
2	5150.00	40.7 AV	54.0	-13.3	1.17 V	347	37.0	3.7
3	*5270.00	110.4 PK			1.17 V	347	106.4	4.0
4	*5270.00	98.8 AV			1.17 V	347	94.8	4.0
5	#10540.00	47.4 PK	74.0	-26.6	1.50 V	108	34.1	13.3
6	#10540.00	35.0 AV	54.0	-19.0	1.50 V	108	21.7	13.3
7	15810.00	57.3 PK	74.0	-16.7	3.04 V	332	43.9	13.4
8	15810.00	44.8 AV	54.0	-9.2	3.04 V	332	31.4	13.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	108.4 PK			1.62 H	346	104.3	4.1
2	*5310.00	98.4 AV			1.62 H	346	94.3	4.1
3	5350.00	61.9 PK	74.0	-12.1	1.62 H	346	57.8	4.1
4	5350.00	49.0 AV	54.0	-5.0	1.62 H	346	44.9	4.1
5	10620.00	48.8 PK	74.0	-25.2	1.92 H	12	35.3	13.5
6	10620.00	35.5 AV	54.0	-18.5	1.92 H	12	22.0	13.5
7	15930.00	57.1 PK	74.0	-16.9	2.27 H	319	44.3	12.8
8	15930.00	45.0 AV	54.0	-9.0	2.27 H	319	32.2	12.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	108.9 PK			1.23 V	354	104.8	4.1
2	*5310.00	98.8 AV			1.23 V	354	94.7	4.1
3	5350.00	63.0 PK	74.0	-11.0	1.23 V	354	58.9	4.1
4	5350.00	49.5 AV	54.0	-4.5	1.23 V	354	45.4	4.1
5	10620.00	46.8 PK	74.0	-27.2	1.51 V	145	33.3	13.5
6	10620.00	34.7 AV	54.0	-19.3	1.51 V	145	21.2	13.5
7	15930.00	56.4 PK	74.0	-17.6	3.03 V	301	43.6	12.8
8	15930.00	44.3 AV	54.0	-9.7	3.03 V	301	31.5	12.8

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	61.1 PK	74.0	-12.9	1.61 H	360	56.9	4.2
2	#5470.00	45.2 AV	54.0	-8.8	1.61 H	360	41.0	4.2
3	*5510.00	107.5 PK			1.61 H	360	103.3	4.2
4	*5510.00	97.5 AV			1.61 H	360	93.3	4.2
5	11020.00	49.1 PK	74.0	-24.9	1.96 H	1	35.1	14.0
6	11020.00	36.3 AV	54.0	-17.7	1.96 H	1	22.3	14.0
7	#16530.00	57.5 PK	74.0	-16.5	2.21 H	347	42.6	14.9
8	#16530.00	45.0 AV	54.0	-9.0	2.21 H	347	30.1	14.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	61.5 PK	74.0	-12.5	1.10 V	337	57.3	4.2
2	#5470.00	45.4 AV	54.0	-8.6	1.10 V	337	41.2	4.2
3	*5510.00	108.9 PK			1.10 V	337	104.7	4.2
4	*5510.00	98.7 AV			1.10 V	337	94.5	4.2
5	11020.00	47.2 PK	74.0	-26.8	1.54 V	141	33.2	14.0
6	11020.00	34.9 AV	54.0	-19.1	1.54 V	141	20.9	14.0
7	#16530.00	56.8 PK	74.0	-17.2	3.12 V	294	41.9	14.9
8	#16530.00	44.6 AV	54.0	-9.4	3.12 V	294	29.7	14.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	108.5 PK			1.69 H	338	104.3	4.2
2	*5550.00	98.4 AV			1.69 H	338	94.2	4.2
3	11100.00	48.5 PK	74.0	-25.5	1.96 H	4	34.7	13.8
4	11100.00	35.9 AV	54.0	-18.1	1.96 H	4	22.1	13.8
5	#16650.00	57.6 PK	74.0	-16.4	2.26 H	294	42.0	15.6
6	#16650.00	45.0 AV	54.0	-9.0	2.26 H	294	29.4	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	108.8 PK			1.15 V	333	104.6	4.2
2	*5550.00	98.7 AV			1.15 V	333	94.5	4.2
3	11100.00	47.6 PK	74.0	-26.4	1.63 V	138	33.8	13.8
4	11100.00	35.4 AV	54.0	-18.6	1.63 V	138	21.6	13.8
5	#16650.00	56.2 PK	74.0	-17.8	3.05 V	294	40.6	15.6
6	#16650.00	44.0 AV	54.0	-10.0	3.05 V	294	28.4	15.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	108.2 PK			1.63 H	339	103.9	4.3
2	*5670.00	98.1 AV			1.63 H	339	93.8	4.3
3	#5725.00	54.8 PK	74.0	-19.2	1.63 H	339	50.4	4.4
4	#5725.00	44.2 AV	54.0	-9.8	1.63 H	339	39.8	4.4
5	11340.00	48.8 PK	74.0	-25.2	1.95 H	0	35.2	13.6
6	11340.00	36.1 AV	54.0	-17.9	1.95 H	0	22.5	13.6
7	#17010.00	57.7 PK	74.0	-16.3	2.26 H	299	40.6	17.1
8	#17010.00	45.9 AV	54.0	-8.1	2.26 H	299	28.8	17.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	108.8 PK			1.19 V	333	104.5	4.3
2	*5670.00	98.8 AV			1.19 V	333	94.5	4.3
3	#5725.00	54.4 PK	74.0	-19.6	1.19 V	333	50.0	4.4
4	#5725.00	43.8 AV	54.0	-10.2	1.19 V	333	39.4	4.4
5	11340.00	47.9 PK	74.0	-26.1	1.55 V	127	34.3	13.6
6	11340.00	35.4 AV	54.0	-18.6	1.55 V	127	21.8	13.6
7	#17010.00	55.6 PK	74.0	-18.4	3.11 V	313	38.5	17.1
8	#17010.00	43.7 AV	54.0	-10.3	3.11 V	313	26.6	17.1

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	55.1 PK	74.0	-18.9	1.58 H	343	51.1	4.0
2	#5470.00	44.3 AV	54.0	-9.7	1.58 H	343	40.3	4.0
3	*5710.00	108.1 PK			1.58 H	343	103.8	4.3
4	*5710.00	98.1 AV			1.58 H	343	93.8	4.3
5	#5850.00	57.6 PK	74.0	-16.4	1.58 H	343	53.0	4.6
6	#5850.00	45.0 AV	54.0	-9.0	1.58 H	343	40.4	4.6
7	11420.00	48.6 PK	74.0	-25.4	2.00 H	12	34.8	13.8
8	11420.00	35.7 AV	54.0	-18.3	2.00 H	12	21.9	13.8
9	#17130.00	57.4 PK	74.0	-16.6	2.27 H	307	40.9	16.5
10	#17130.00	45.7 AV	54.0	-8.3	2.27 H	307	29.2	16.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	55.1 PK	74.0	-18.9	1.14 V	324	51.1	4.0
2	#5470.00	44.2 AV	54.0	-9.8	1.14 V	324	40.2	4.0
3	*5710.00	108.5 PK			1.14 V	324	104.2	4.3
4	*5710.00	98.4 AV			1.14 V	324	94.1	4.3
5	#5850.00	60.8 PK	74.0	-13.2	1.14 V	324	56.2	4.6
6	#5850.00	45.0 AV	54.0	-9.0	1.14 V	324	40.4	4.6
7	11420.00	48.2 PK	74.0	-25.8	1.55 V	126	34.4	13.8
8	11420.00	35.5 AV	54.0	-18.5	1.55 V	126	21.7	13.8
9	#17130.00	55.8 PK	74.0	-18.2	3.13 V	317	39.3	16.5
10	#17130.00	44.0 AV	54.0	-10.0	3.13 V	317	27.5	16.5

REMARKS:

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

802.11ac (VHT80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	48.4 PK	74.0	-25.6	1.79 H	356	44.7	3.7
2	5150.00	40.1 AV	54.0	-13.9	1.79 H	356	36.4	3.7
3	*5290.00	105.3 PK			1.79 H	356	101.2	4.1
4	*5290.00	94.4 AV			1.79 H	356	90.3	4.1
5	5350.00	60.0 PK	74.0	-14.0	1.79 H	356	55.9	4.1
6	5350.00	53.5 AV	54.0	-0.5	1.79 H	356	49.4	4.1
7	#10580.00	48.4 PK	74.0	-25.6	1.95 H	11	35.0	13.4
8	#10580.00	35.6 AV	54.0	-18.4	1.95 H	11	22.2	13.4
9	15870.00	57.5 PK	74.0	-16.5	2.35 H	323	44.5	13.0
10	15870.00	45.6 AV	54.0	-8.4	2.35 H	323	32.6	13.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	49.0 PK	74.0	-25.0	1.14 V	336	45.3	3.7
2	5150.00	40.5 AV	54.0	-13.5	1.14 V	336	36.8	3.7
3	*5290.00	105.6 PK			1.14 V	336	101.5	4.1
4	*5290.00	95.4 AV			1.14 V	336	91.3	4.1
5	5350.00	60.9 PK	74.0	-13.1	1.14 V	336	56.8	4.1
6	5350.00	53.7 AV	54.0	-0.3	1.14 V	336	49.6	4.1
7	#10580.00	47.5 PK	74.0	-26.5	1.50 V	153	34.1	13.4
8	#10580.00	35.3 AV	54.0	-18.7	1.50 V	153	21.9	13.4
9	15870.00	57.4 PK	74.0	-16.6	3.09 V	325	44.4	13.0
10	15870.00	45.0 AV	54.0	-9.0	3.09 V	325	32.0	13.0

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	65.9 PK	74.0	-8.1	1.72 H	356	61.7	4.2
2	#5470.00	49.2 AV	54.0	-4.8	1.72 H	356	45.0	4.2
3	*5530.00	106.0 PK			1.72 H	356	101.8	4.2
4	*5530.00	95.8 AV			1.72 H	356	91.6	4.2
5	#5725.00	52.1 PK	74.0	-21.9	1.72 H	356	47.7	4.4
6	#5725.00	45.6 AV	54.0	-8.4	1.72 H	356	41.2	4.4
7	11060.00	48.4 PK	74.0	-25.6	2.02 H	21	34.5	13.9
8	11060.00	36.0 AV	54.0	-18.0	2.02 H	21	22.1	13.9
9	#16590.00	57.6 PK	74.0	-16.4	2.29 H	324	42.0	15.6
10	#16590.00	45.4 AV	54.0	-8.6	2.29 H	324	29.8	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	66.3 PK	74.0	-7.7	1.13 V	346	62.1	4.2
2	#5470.00	49.3 AV	54.0	-4.7	1.13 V	346	45.1	4.2
3	*5530.00	106.9 PK			1.13 V	346	102.7	4.2
4	*5530.00	96.9 AV			1.13 V	346	92.7	4.2
5	#5725.00	52.4 PK	74.0	-21.6	1.13 V	346	48.0	4.4
6	#5725.00	45.8 AV	54.0	-8.2	1.13 V	346	41.4	4.4
7	11060.00	47.3 PK	74.0	-26.7	1.45 V	116	33.4	13.9
8	11060.00	35.2 AV	54.0	-18.8	1.45 V	116	21.3	13.9
9	#16590.00	56.8 PK	74.0	-17.2	3.14 V	320	41.2	15.6
10	#16590.00	44.3 AV	54.0	-9.7	3.14 V	320	28.7	15.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	53.0 PK	74.0	-21.0	1.73 H	360	49.0	4.0
2	#5470.00	43.8 AV	54.0	-10.2	1.73 H	360	39.8	4.0
3	*5690.00	106.2 PK			1.73 H	360	102.0	4.2
4	*5690.00	96.0 AV			1.73 H	360	91.8	4.2
5	#5850.00	65.9 PK	74.0	-8.1	1.73 H	360	61.3	4.6
6	#5850.00	49.2 AV	54.0	-4.8	1.73 H	360	44.6	4.6
7	11380.00	48.8 PK	74.0	-25.2	1.96 H	25	35.1	13.7
8	11380.00	36.0 AV	54.0	-18.0	1.96 H	25	22.3	13.7
9	#17070.00	58.4 PK	74.0	-15.6	2.24 H	354	41.8	16.6
10	#17070.00	45.7 AV	54.0	-8.3	2.24 H	354	29.1	16.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	53.3 PK	74.0	-20.7	1.12 V	336	49.3	4.0
2	#5470.00	43.1 AV	54.0	-10.9	1.12 V	336	39.1	4.0
3	*5690.00	106.5 PK			1.12 V	336	102.3	4.2
4	*5690.00	96.4 AV			1.12 V	336	92.2	4.2
5	#5850.00	66.7 PK	74.0	-7.3	1.12 V	336	62.1	4.6
6	#5850.00	49.6 AV	54.0	-4.4	1.12 V	336	45.0	4.6
7	11380.00	47.0 PK	74.0	-27.0	1.62 V	143	33.3	13.7
8	11380.00	34.9 AV	54.0	-19.1	1.62 V	143	21.2	13.7
9	#17070.00	55.8 PK	74.0	-18.2	3.04 V	317	39.2	16.6
10	#17070.00	43.7 AV	54.0	-10.3	3.04 V	317	27.1	16.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	106.0 PK			1.69 H	358	101.6	4.4
2	*5610.00	95.8 AV			1.69 H	358	91.4	4.4
3	#5725.00	53.3 PK	74.0	-20.7	1.69 H	358	48.9	4.4
4	#5725.00	43.8 AV	54.0	-10.2	1.69 H	358	39.4	4.4
5	11220.00	48.9 PK	74.0	-25.1	1.93 H	14	35.2	13.7
6	11220.00	36.0 AV	54.0	-18.0	1.93 H	14	22.3	13.7
7	#16830.00	57.9 PK	74.0	-16.1	2.30 H	342	42.0	15.9
8	#16830.00	45.4 AV	54.0	-8.6	2.30 H	342	29.5	15.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	106.7 PK			1.14 V	343	102.3	4.4
2	*5610.00	96.6 AV			1.14 V	343	92.2	4.4
3	#5725.00	53.2 PK	74.0	-20.8	1.14 V	343	48.8	4.4
4	#5725.00	43.2 AV	54.0	-10.8	1.14 V	343	38.8	4.4
5	11220.00	46.8 PK	74.0	-27.2	1.62 V	151	33.1	13.7
6	11220.00	34.8 AV	54.0	-19.2	1.62 V	151	21.1	13.7
7	#16830.00	55.6 PK	74.0	-18.4	3.01 V	307	39.7	15.9
8	#16830.00	43.6 AV	54.0	-10.4	3.01 V	307	27.7	15.9

REMARKS:

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

Below 1GHz Data:

802.11ac (VHT20)

CHANNEL	TX Channel 140	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	89.22	33.4 QP	43.5	-10.1	1.00 H	360	47.4	-14.0
2	114.56	31.9 QP	43.5	-11.6	3.00 H	260	42.6	-10.7
3	223.95	31.2 QP	46.0	-14.8	2.00 H	314	42.3	-11.1
4	346.00	34.7 QP	46.0	-11.3	1.00 H	304	41.2	-6.5
5	397.31	37.2 QP	46.0	-8.8	3.00 H	172	42.6	-5.4
6	473.39	33.9 QP	46.0	-12.1	3.00 H	125	37.5	-3.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	38.44	35.5 QP	40.0	-4.5	1.00 V	1	44.2	-8.7
2	114.54	34.2 QP	43.5	-9.3	2.00 V	360	44.9	-10.7
3	224.17	28.8 QP	46.0	-17.2	1.00 V	193	39.8	-11.0
4	361.42	40.1 QP	46.0	-5.9	2.00 V	360	46.3	-6.2
5	386.01	39.8 QP	46.0	-6.2	1.00 V	98	45.5	-5.7
6	488.32	35.7 QP	46.0	-10.3	1.00 V	47	39.0	-3.3

REMARKS:

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

4.1.8 Test Results (Mode 2)

PIFA Antenna

Above 1GHz Data:

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5000.00	50.3 PK	74.0	-23.7	1.53 H	323	47.0	3.3
2	5000.00	45.1 AV	54.0	-8.9	1.53 H	323	41.8	3.3
3	*5260.00	114.0 PK			1.53 H	323	110.0	4.0
4	*5260.00	104.5 AV			1.53 H	323	100.5	4.0
5	#10520.00	48.5 PK	74.0	-25.5	2.04 H	18	35.3	13.2
6	#10520.00	35.6 AV	54.0	-18.4	2.04 H	18	22.4	13.2
7	15780.00	57.4 PK	74.0	-16.6	2.25 H	324	43.8	13.6
8	15780.00	44.7 AV	54.0	-9.3	2.25 H	324	31.1	13.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5000.00	50.2 PK	74.0	-23.8	1.02 V	4	46.9	3.3
2	5000.00	38.9 AV	54.0	-15.1	1.02 V	4	35.6	3.3
3	*5260.00	111.3 PK			1.02 V	4	107.3	4.0
4	*5260.00	102.0 AV			1.02 V	4	98.0	4.0
5	#10520.00	46.6 PK	74.0	-27.4	1.64 V	149	33.4	13.2
6	#10520.00	34.1 AV	54.0	-19.9	1.64 V	149	20.9	13.2
7	15780.00	56.5 PK	74.0	-17.5	3.14 V	304	42.9	13.6
8	15780.00	43.9 AV	54.0	-10.1	3.14 V	304	30.3	13.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	114.2 PK			1.47 H	323	110.1	4.1
2	*5300.00	104.4 AV			1.47 H	323	100.3	4.1
3	10600.00	48.5 PK	74.0	-25.5	2.03 H	22	35.0	13.5
4	10600.00	35.8 AV	54.0	-18.2	2.03 H	22	22.3	13.5
5	15900.00	56.7 PK	74.0	-17.3	2.28 H	337	43.8	12.9
6	15900.00	44.4 AV	54.0	-9.6	2.28 H	337	31.5	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	111.5 PK			1.02 V	360	107.4	4.1
2	*5300.00	101.9 AV			1.02 V	360	97.8	4.1
3	10600.00	46.5 PK	74.0	-27.5	1.69 V	163	33.0	13.5
4	10600.00	33.8 AV	54.0	-20.2	1.69 V	163	20.3	13.5
5	15900.00	56.6 PK	74.0	-17.4	3.15 V	318	43.7	12.9
6	15900.00	44.1 AV	54.0	-9.9	3.15 V	318	31.2	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	114.5 PK			1.53 H	324	110.4	4.1
2	*5320.00	104.8 AV			1.53 H	324	100.7	4.1
3	5350.00	58.7 PK	74.0	-15.3	1.53 H	324	54.6	4.1
4	5350.00	46.2 AV	54.0	-7.8	1.53 H	324	42.1	4.1
5	10640.00	47.9 PK	74.0	-26.1	1.99 H	29	34.4	13.5
6	10640.00	35.3 AV	54.0	-18.7	1.99 H	29	21.8	13.5
7	15960.00	56.2 PK	74.0	-17.8	2.22 H	340	43.3	12.9
8	15960.00	43.9 AV	54.0	-10.1	2.22 H	340	31.0	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	111.8 PK			1.01 V	346	107.7	4.1
2	*5320.00	102.3 AV			1.01 V	346	98.2	4.1
3	5350.00	57.0 PK	74.0	-17.0	1.01 V	346	52.9	4.1
4	5350.00	45.5 AV	54.0	-8.5	1.01 V	346	41.4	4.1
5	10640.00	46.6 PK	74.0	-27.4	1.67 V	140	33.1	13.5
6	10640.00	34.3 AV	54.0	-19.7	1.67 V	140	20.8	13.5
7	15960.00	56.4 PK	74.0	-17.6	3.16 V	308	43.5	12.9
8	15960.00	43.6 AV	54.0	-10.4	3.16 V	308	30.7	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	68.7 PK	74.0	-5.3	1.83 H	326	64.5	4.2
2	#5470.00	49.3 AV	54.0	-4.7	1.83 H	326	45.1	4.2
3	*5500.00	114.1 PK			1.83 H	326	109.9	4.2
4	*5500.00	105.2 AV			1.83 H	326	101.0	4.2
5	11000.00	48.3 PK	74.0	-25.7	1.94 H	29	34.2	14.1
6	11000.00	35.3 AV	54.0	-18.7	1.94 H	29	21.2	14.1
7	#16500.00	56.8 PK	74.0	-17.2	2.32 H	325	42.3	14.5
8	#16500.00	44.0 AV	54.0	-10.0	2.32 H	325	29.5	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	67.0 PK	74.0	-7.0	1.05 V	360	62.8	4.2
2	#5470.00	48.6 AV	54.0	-5.4	1.05 V	360	44.4	4.2
3	*5500.00	111.4 PK			1.05 V	360	107.2	4.2
4	*5500.00	102.7 AV			1.05 V	360	98.5	4.2
5	11000.00	46.8 PK	74.0	-27.2	1.63 V	142	32.7	14.1
6	11000.00	34.3 AV	54.0	-19.7	1.63 V	142	20.2	14.1
7	#16500.00	57.0 PK	74.0	-17.0	3.12 V	296	42.5	14.5
8	#16500.00	44.4 AV	54.0	-9.6	3.12 V	296	29.9	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	113.8 PK			1.85 H	326	109.6	4.2
2	*5580.00	104.9 AV			1.85 H	326	100.7	4.2
3	11160.00	48.5 PK	74.0	-25.5	1.99 H	31	34.8	13.7
4	11160.00	35.2 AV	54.0	-18.8	1.99 H	31	21.5	13.7
5	#16740.00	56.9 PK	74.0	-17.1	2.37 H	312	41.2	15.7
6	#16740.00	43.9 AV	54.0	-10.1	2.37 H	312	28.2	15.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	111.1 PK			1.01 V	360	106.9	4.2
2	*5580.00	102.4 AV			1.01 V	360	98.2	4.2
3	11160.00	46.5 PK	74.0	-27.5	1.70 V	148	32.8	13.7
4	11160.00	34.2 AV	54.0	-19.8	1.70 V	148	20.5	13.7
5	#16740.00	56.4 PK	74.0	-17.6	3.15 V	319	40.7	15.7
6	#16740.00	43.5 AV	54.0	-10.5	3.15 V	319	27.8	15.7

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	113.3 PK			1.86 H	336	108.8	4.5
2	*5700.00	104.2 AV			1.86 H	336	99.7	4.5
3	#5725.00	69.8 PK	74.0	-4.2	1.86 H	336	65.4	4.4
4	**#5725.00**	**53.9 AV**	**54.0**	**-0.1**	**1.86 H**	**336**	**49.5**	**4.4**
5	11400.00	47.9 PK	74.0	-26.1	1.98 H	37	34.3	13.6
6	11400.00	34.8 AV	54.0	-19.2	1.98 H	37	21.2	13.6
7	#17100.00	57.0 PK	74.0	-17.0	2.35 H	312	39.6	17.4
8	#17100.00	44.4 AV	54.0	-9.6	2.35 H	312	27.0	17.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	110.6 PK			1.03 V	355	106.1	4.5
2	*5700.00	101.7 AV			1.03 V	355	97.2	4.5
3	#5725.00	68.1 PK	74.0	-5.9	1.03 V	355	63.7	4.4
4	#5725.00	53.2 AV	54.0	-0.8	1.03 V	355	48.8	4.4
5	11400.00	46.4 PK	74.0	-27.6	1.66 V	135	32.8	13.6
6	11400.00	34.2 AV	54.0	-19.8	1.66 V	135	20.6	13.6
7	#17100.00	56.7 PK	74.0	-17.3	3.16 V	293	39.3	17.4
8	#17100.00	44.0 AV	54.0	-10.0	3.16 V	293	26.6	17.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	68.3 PK	74.0	-5.7	1.81 H	336	64.3	4.0
2	#5470.00	48.9 AV	54.0	-5.1	1.81 H	336	44.9	4.0
3	*5720.00	113.0 PK			1.81 H	336	108.8	4.2
4	*5720.00	103.9 AV			1.81 H	336	99.7	4.2
5	#5850.00	69.4 PK	74.0	-4.6	1.81 H	336	64.8	4.6
6	#5850.00	53.5 AV	54.0	-0.5	1.81 H	336	48.9	4.6
7	11440.00	47.8 PK	74.0	-26.2	1.92 H	49	34.0	13.8
8	11440.00	34.8 AV	54.0	-19.2	1.92 H	49	21.0	13.8
9	#17160.00	57.4 PK	74.0	-16.6	2.36 H	315	41.0	16.4
10	#17160.00	44.8 AV	54.0	-9.2	2.36 H	315	28.4	16.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	67.4 PK	74.0	-6.6	1.03 V	360	63.4	4.0
2	#5470.00	48.8 AV	54.0	-5.2	1.03 V	360	44.8	4.0
3	*5720.00	110.5 PK			1.03 V	360	106.3	4.2
4	*5720.00	101.5 AV			1.03 V	360	97.3	4.2
5	#5850.00	67.9 PK	74.0	-6.1	1.03 V	360	63.3	4.6
6	#5850.00	53.3 AV	54.0	-0.7	1.03 V	360	48.7	4.6
7	11440.00	46.6 PK	74.0	-27.4	1.66 V	142	32.8	13.8
8	11440.00	34.5 AV	54.0	-19.5	1.66 V	142	20.7	13.8
9	#17160.00	57.2 PK	74.0	-16.8	3.18 V	285	40.8	16.4
10	#17160.00	44.4 AV	54.0	-9.6	3.18 V	285	28.0	16.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very 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 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	49.3 PK	74.0	-24.7	1.57 H	24	45.6	3.7
2	5150.00	38.3 AV	54.0	-15.7	1.57 H	24	34.6	3.7
3	*5260.00	112.9 PK			1.57 H	24	108.9	4.0
4	*5260.00	101.5 AV			1.57 H	24	97.5	4.0
5	#10520.00	48.1 PK	74.0	-25.9	2.01 H	11	34.9	13.2
6	#10520.00	35.6 AV	54.0	-18.4	2.01 H	11	22.4	13.2
7	15780.00	57.1 PK	74.0	-16.9	2.29 H	348	43.5	13.6
8	15780.00	44.8 AV	54.0	-9.2	2.29 H	348	31.2	13.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	47.6 PK	74.0	-26.4	1.00 V	359	43.9	3.7
2	5150.00	37.6 AV	54.0	-16.4	1.00 V	359	33.9	3.7
3	*5260.00	110.2 PK			1.00 V	359	106.2	4.0
4	*5260.00	99.0 AV			1.00 V	359	95.0	4.0
5	#10520.00	46.6 PK	74.0	-27.4	1.60 V	164	33.4	13.2
6	#10520.00	33.8 AV	54.0	-20.2	1.60 V	164	20.6	13.2
7	15780.00	56.2 PK	74.0	-17.8	3.09 V	300	42.6	13.6
8	15780.00	43.8 AV	54.0	-10.2	3.09 V	300	30.2	13.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	112.8 PK			1.55 H	25	108.7	4.1
2	*5300.00	101.6 AV			1.55 H	25	97.5	4.1
3	10600.00	47.8 PK	74.0	-26.2	1.92 H	15	34.3	13.5
4	10600.00	35.0 AV	54.0	-19.0	1.92 H	15	21.5	13.5
5	15900.00	57.4 PK	74.0	-16.6	2.22 H	345	44.5	12.9
6	15900.00	44.7 AV	54.0	-9.3	2.22 H	345	31.8	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	110.1 PK			1.07 V	345	106.0	4.1
2	*5300.00	99.1 AV			1.07 V	345	95.0	4.1
3	10600.00	46.8 PK	74.0	-27.2	1.68 V	162	33.3	13.5
4	10600.00	34.3 AV	54.0	-19.7	1.68 V	162	20.8	13.5
5	15900.00	56.4 PK	74.0	-17.6	3.19 V	296	43.5	12.9
6	15900.00	43.9 AV	54.0	-10.1	3.19 V	296	31.0	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	113.8 PK			1.52 H	25	109.7	4.1
2	*5320.00	103.2 AV			1.52 H	25	99.1	4.1
3	5350.00	69.7 PK	74.0	-4.3	1.52 H	25	65.6	4.1
4	5350.00	48.5 AV	54.0	-5.5	1.52 H	25	44.4	4.1
5	10640.00	47.5 PK	74.0	-26.5	2.01 H	26	34.0	13.5
6	10640.00	34.9 AV	54.0	-19.1	2.01 H	26	21.4	13.5
7	15960.00	57.3 PK	74.0	-16.7	2.26 H	342	44.4	12.9
8	15960.00	44.6 AV	54.0	-9.4	2.26 H	342	31.7	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	111.1 PK			1.09 V	360	107.0	4.1
2	*5320.00	100.7 AV			1.09 V	360	96.6	4.1
3	5350.00	68.0 PK	74.0	-6.0	1.09 V	360	63.9	4.1
4	5350.00	47.8 AV	54.0	-6.2	1.09 V	360	43.7	4.1
5	10640.00	46.3 PK	74.0	-27.7	1.59 V	165	32.8	13.5
6	10640.00	34.0 AV	54.0	-20.0	1.59 V	165	20.5	13.5
7	15960.00	56.8 PK	74.0	-17.2	3.19 V	318	43.9	12.9
8	15960.00	44.2 AV	54.0	-9.8	3.19 V	318	31.3	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	68.3 PK	74.0	-5.7	1.58 H	323	64.1	4.2
2	#5470.00	47.5 AV	54.0	-6.5	1.58 H	323	43.3	4.2
3	*5500.00	111.6 PK			1.58 H	323	107.4	4.2
4	*5500.00	101.1 AV			1.58 H	323	96.9	4.2
5	11000.00	48.1 PK	74.0	-25.9	1.95 H	24	34.0	14.1
6	11000.00	35.1 AV	54.0	-18.9	1.95 H	24	21.0	14.1
7	#16500.00	56.9 PK	74.0	-17.1	2.38 H	322	42.4	14.5
8	#16500.00	44.3 AV	54.0	-9.7	2.38 H	322	29.8	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	66.6 PK	74.0	-7.4	1.00 V	360	62.4	4.2
2	#5470.00	46.8 AV	54.0	-7.2	1.00 V	360	42.6	4.2
3	*5500.00	108.9 PK			1.00 V	360	104.7	4.2
4	*5500.00	98.6 AV			1.00 V	360	94.4	4.2
5	11000.00	46.8 PK	74.0	-27.2	1.63 V	153	32.7	14.1
6	11000.00	34.3 AV	54.0	-19.7	1.63 V	153	20.2	14.1
7	#16500.00	57.1 PK	74.0	-16.9	3.14 V	295	42.6	14.5
8	#16500.00	44.2 AV	54.0	-9.8	3.14 V	295	29.7	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	114.2 PK			1.52 H	323	110.0	4.2
2	*5580.00	104.0 AV			1.52 H	323	99.8	4.2
3	11160.00	48.1 PK	74.0	-25.9	1.90 H	32	34.4	13.7
4	11160.00	35.2 AV	54.0	-18.8	1.90 H	32	21.5	13.7
5	#16740.00	56.5 PK	74.0	-17.5	2.32 H	336	40.8	15.7
6	#16740.00	43.9 AV	54.0	-10.1	2.32 H	336	28.2	15.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	111.5 PK			1.08 V	351	107.3	4.2
2	*5580.00	101.5 AV			1.08 V	351	97.3	4.2
3	11160.00	46.8 PK	74.0	-27.2	1.61 V	165	33.1	13.7
4	11160.00	34.2 AV	54.0	-19.8	1.61 V	165	20.5	13.7
5	#16740.00	56.5 PK	74.0	-17.5	3.14 V	311	40.8	15.7
6	#16740.00	44.0 AV	54.0	-10.0	3.14 V	311	28.3	15.7

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	111.1 PK			1.51 H	360	106.6	4.5
2	*5700.00	101.7 AV			1.51 H	360	97.2	4.5
3	#5725.00	68.3 PK	74.0	-5.7	1.51 H	360	63.9	4.4
4	#5725.00	53.8 AV	54.0	-0.2	1.51 H	360	49.4	4.4
5	11400.00	47.7 PK	74.0	-26.3	1.91 H	20	34.1	13.6
6	11400.00	34.9 AV	54.0	-19.1	1.91 H	20	21.3	13.6
7	#17100.00	57.1 PK	74.0	-16.9	2.31 H	317	39.7	17.4
8	#17100.00	44.3 AV	54.0	-9.7	2.31 H	317	26.9	17.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	108.4 PK			1.00 V	359	103.9	4.5
2	*5700.00	99.2 AV			1.00 V	359	94.7	4.5
3	#5725.00	66.6 PK	74.0	-7.4	1.00 V	359	62.2	4.4
4	#5725.00	53.1 AV	54.0	-0.9	1.00 V	359	48.7	4.4
5	11400.00	46.6 PK	74.0	-27.4	1.62 V	151	33.0	13.6
6	11400.00	34.1 AV	54.0	-19.9	1.62 V	151	20.5	13.6
7	#17100.00	56.0 PK	74.0	-18.0	3.18 V	295	38.6	17.4
8	#17100.00	43.7 AV	54.0	-10.3	3.18 V	295	26.3	17.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	68.1 PK	74.0	-5.9	1.47 H	360	64.1	4.0
2	#5470.00	48.8 AV	54.0	-5.2	1.47 H	360	44.8	4.0
3	*5720.00	110.9 PK			1.47 H	360	106.7	4.2
4	*5720.00	101.6 AV			1.47 H	360	97.4	4.2
5	#5850.00	67.8 PK	74.0	-6.2	1.47 H	360	63.2	4.6
6	#5850.00	53.4 AV	54.0	-0.6	1.47 H	360	48.8	4.6
7	11440.00	48.1 PK	74.0	-25.9	1.94 H	7	34.3	13.8
8	11440.00	35.1 AV	54.0	-18.9	1.94 H	7	21.3	13.8
9	#17160.00	56.7 PK	74.0	-17.3	2.33 H	332	40.3	16.4
10	#17160.00	43.8 AV	54.0	-10.2	2.33 H	332	27.4	16.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	67.0 PK	74.0	-7.0	1.00 V	360	63.0	4.0
2	#5470.00	48.6 AV	54.0	-5.4	1.00 V	360	44.6	4.0
3	*5720.00	108.2 PK			1.00 V	360	104.0	4.2
4	*5720.00	99.2 AV			1.00 V	360	95.0	4.2
5	#5850.00	66.8 PK	74.0	-7.2	1.00 V	360	62.2	4.6
6	#5850.00	53.2 AV	54.0	-0.8	1.00 V	360	48.6	4.6
7	11440.00	46.4 PK	74.0	-27.6	1.64 V	156	32.6	13.8
8	11440.00	34.1 AV	54.0	-19.9	1.64 V	156	20.3	13.8
9	#17160.00	55.7 PK	74.0	-18.3	3.21 V	297	39.3	16.4
10	#17160.00	43.4 AV	54.0	-10.6	3.21 V	297	27.0	16.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very 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 54	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5121.00	49.9 PK	74.0	-24.1	1.58 H	24	46.4	3.5
2	5121.00	40.4 AV	54.0	-13.6	1.58 H	24	36.9	3.5
3	*5270.00	109.3 PK			1.58 H	24	105.3	4.0
4	*5270.00	99.7 AV			1.58 H	24	95.7	4.0
5	#10540.00	48.5 PK	74.0	-25.5	1.96 H	28	35.2	13.3
6	#10540.00	35.5 AV	54.0	-18.5	1.96 H	28	22.2	13.3
7	15810.00	57.1 PK	74.0	-16.9	2.31 H	351	43.7	13.4
8	15810.00	44.7 AV	54.0	-9.3	2.31 H	351	31.3	13.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5121.00	48.2 PK	74.0	-25.8	1.10 V	360	44.7	3.5
2	5121.00	39.7 AV	54.0	-14.3	1.10 V	360	36.2	3.5
3	*5270.00	106.6 PK			1.10 V	360	102.6	4.0
4	*5270.00	97.2 AV			1.10 V	360	93.2	4.0
5	#10540.00	46.4 PK	74.0	-27.6	1.59 V	155	33.1	13.3
6	#10540.00	33.8 AV	54.0	-20.2	1.59 V	155	20.5	13.3
7	15810.00	56.9 PK	74.0	-17.1	3.18 V	292	43.5	13.4
8	15810.00	44.3 AV	54.0	-9.7	3.18 V	292	30.9	13.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	110.4 PK			1.60 H	24	106.3	4.1
2	*5310.00	100.2 AV			1.60 H	24	96.1	4.1
3	5350.00	69.6 PK	74.0	-4.4	1.60 H	24	65.5	4.1
4	5350.00	53.8 AV	54.0	-0.2	1.60 H	24	49.7	4.1
5	10620.00	48.1 PK	74.0	-25.9	1.93 H	21	34.6	13.5
6	10620.00	35.2 AV	54.0	-18.8	1.93 H	21	21.7	13.5
7	15930.00	57.5 PK	74.0	-16.5	2.30 H	349	44.7	12.8
8	15930.00	44.8 AV	54.0	-9.2	2.30 H	349	32.0	12.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	107.7 PK			1.11 V	354	103.6	4.1
2	*5310.00	97.7 AV			1.11 V	354	93.6	4.1
3	5350.00	67.9 PK	74.0	-6.1	1.11 V	354	63.8	4.1
4	5350.00	53.1 AV	54.0	-0.9	1.11 V	354	49.0	4.1
5	10620.00	46.3 PK	74.0	-27.7	1.63 V	157	32.8	13.5
6	10620.00	33.6 AV	54.0	-20.4	1.63 V	157	20.1	13.5
7	15930.00	56.4 PK	74.0	-17.6	3.20 V	304	43.6	12.8
8	15930.00	43.5 AV	54.0	-10.5	3.20 V	304	30.7	12.8

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	73.8 PK	74.0	-0.2	2.38 H	6	69.6	4.2
2	**#5470.00**	**53.9 AV**	**54.0**	**-0.1**	**2.38 H**	**6**	**49.7**	**4.2**
3	*5510.00	108.9 PK			2.38 H	6	104.7	4.2
4	*5510.00	100.1 AV			2.38 H	6	95.9	4.2
5	11020.00	48.0 PK	74.0	-26.0	1.93 H	25	34.0	14.0
6	11020.00	35.0 AV	54.0	-19.0	1.93 H	25	21.0	14.0
7	#16530.00	56.7 PK	74.0	-17.3	2.38 H	336	41.8	14.9
8	#16530.00	43.9 AV	54.0	-10.1	2.38 H	336	29.0	14.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	72.1 PK	74.0	-1.9	1.03 V	360	67.9	4.2
2	#5470.00	53.2 AV	54.0	-0.8	1.03 V	360	49.0	4.2
3	*5510.00	106.2 PK			1.03 V	360	102.0	4.2
4	*5510.00	97.6 AV			1.03 V	360	93.4	4.2
5	11020.00	46.8 PK	74.0	-27.2	1.58 V	150	32.8	14.0
6	11020.00	34.5 AV	54.0	-19.5	1.58 V	150	20.5	14.0
7	#16530.00	56.6 PK	74.0	-17.4	3.09 V	312	41.7	14.9
8	#16530.00	43.9 AV	54.0	-10.1	3.09 V	312	29.0	14.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	108.5 PK			2.19 H	3	104.3	4.2
2	*5550.00	100.0 AV			2.19 H	3	95.8	4.2
3	11100.00	47.9 PK	74.0	-26.1	1.90 H	17	34.1	13.8
4	11100.00	35.0 AV	54.0	-19.0	1.90 H	17	21.2	13.8
5	#16650.00	56.7 PK	74.0	-17.3	2.30 H	329	41.1	15.6
6	#16650.00	43.7 AV	54.0	-10.3	2.30 H	329	28.1	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	105.8 PK			1.02 V	360	101.6	4.2
2	*5550.00	97.5 AV			1.02 V	360	93.3	4.2
3	11100.00	46.7 PK	74.0	-27.3	1.61 V	134	32.9	13.8
4	11100.00	34.1 AV	54.0	-19.9	1.61 V	134	20.3	13.8
5	#16650.00	55.8 PK	74.0	-18.2	3.08 V	315	40.2	15.6
6	#16650.00	43.4 AV	54.0	-10.6	3.08 V	315	27.8	15.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	109.7 PK			2.10 H	0	105.4	4.3
2	*5670.00	100.2 AV			2.10 H	0	95.9	4.3
3	#5725.00	68.4 PK	74.0	-5.6	2.10 H	0	64.0	4.4
4	#5725.00	51.6 AV	54.0	-2.4	2.10 H	0	47.2	4.4
5	11340.00	48.4 PK	74.0	-25.6	1.89 H	18	34.8	13.6
6	11340.00	35.2 AV	54.0	-18.8	1.89 H	18	21.6	13.6
7	#17010.00	56.9 PK	74.0	-17.1	2.28 H	337	39.8	17.1
8	#17010.00	44.3 AV	54.0	-9.7	2.28 H	337	27.2	17.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	107.0 PK			1.05 V	355	102.7	4.3
2	*5670.00	97.7 AV			1.05 V	355	93.4	4.3
3	#5725.00	66.7 PK	74.0	-7.3	1.05 V	355	62.3	4.4
4	#5725.00	50.9 AV	54.0	-3.1	1.05 V	355	46.5	4.4
5	11340.00	46.6 PK	74.0	-27.4	1.65 V	153	33.0	13.6
6	11340.00	34.3 AV	54.0	-19.7	1.65 V	153	20.7	13.6
7	#17010.00	56.4 PK	74.0	-17.6	3.12 V	293	39.3	17.1
8	#17010.00	43.6 AV	54.0	-10.4	3.12 V	293	26.5	17.1

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	51.7 PK	74.0	-22.3	2.05 H	2	47.7	4.0
2	#5470.00	42.6 AV	54.0	-11.4	2.05 H	2	38.6	4.0
3	*5710.00	109.4 PK			2.05 H	2	105.1	4.3
4	*5710.00	99.8 AV			2.05 H	2	95.5	4.3
5	#5850.00	68.6 PK	74.0	-5.4	2.05 H	2	64.0	4.6
6	#5850.00	52.0 AV	54.0	-2.0	2.05 H	2	47.4	4.6
7	11420.00	48.3 PK	74.0	-25.7	1.84 H	28	34.5	13.8
8	11420.00	35.4 AV	54.0	-18.6	1.84 H	28	21.6	13.8
9	#17130.00	57.0 PK	74.0	-17.0	2.24 H	348	40.5	16.5
10	#17130.00	44.2 AV	54.0	-9.8	2.24 H	348	27.7	16.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	50.5 PK	74.0	-23.5	1.05 V	360	46.5	4.0
2	#5470.00	42.3 AV	54.0	-11.7	1.05 V	360	38.3	4.0
3	*5710.00	107.2 PK			1.05 V	360	102.9	4.3
4	*5710.00	97.9 AV			1.05 V	360	93.6	4.3
5	#5850.00	66.4 PK	74.0	-7.6	1.05 V	360	61.8	4.6
6	#5850.00	50.8 AV	54.0	-3.2	1.05 V	360	46.2	4.6
7	11420.00	45.9 PK	74.0	-28.1	1.69 V	147	32.1	13.8
8	11420.00	33.9 AV	54.0	-20.1	1.69 V	147	20.1	13.8
9	#17130.00	55.9 PK	74.0	-18.1	3.17 V	288	39.4	16.5
10	#17130.00	43.2 AV	54.0	-10.8	3.17 V	288	26.7	16.5

REMARKS:

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

802.11ac (VHT80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	54.2 PK	74.0	-19.8	1.59 H	25	50.5	3.7
2	5150.00	43.8 AV	54.0	-10.2	1.59 H	25	40.1	3.7
3	*5290.00	103.6 PK			1.59 H	25	99.5	4.1
4	*5290.00	94.7 AV			1.59 H	25	90.6	4.1
5	5350.00	64.5 PK	74.0	-9.5	1.59 H	25	60.4	4.1
6	**5350.00**	**53.9 AV**	**54.0**	**-0.1**	**1.59 H**	**25**	**49.8**	**4.1**
7	#10580.00	48.4 PK	74.0	-25.6	1.95 H	35	35.0	13.4
8	#10580.00	35.6 AV	54.0	-18.4	1.95 H	35	22.2	13.4
9	15870.00	56.4 PK	74.0	-17.6	2.31 H	349	43.4	13.0
10	15870.00	43.9 AV	54.0	-10.1	2.31 H	349	30.9	13.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	52.5 PK	74.0	-21.5	1.06 V	360	48.8	3.7
2	5150.00	43.1 AV	54.0	-10.9	1.06 V	360	39.4	3.7
3	*5290.00	100.9 PK			1.06 V	360	96.8	4.1
4	*5290.00	92.2 AV			1.06 V	360	88.1	4.1
5	5350.00	62.8 PK	74.0	-11.2	1.06 V	360	58.7	4.1
6	5350.00	53.2 AV	54.0	-0.8	1.06 V	360	49.1	4.1
7	#10580.00	46.1 PK	74.0	-27.9	1.70 V	144	32.7	13.4
8	#10580.00	33.9 AV	54.0	-20.1	1.70 V	144	20.5	13.4
9	15870.00	56.2 PK	74.0	-17.8	3.17 V	314	43.2	13.0
10	15870.00	43.5 AV	54.0	-10.5	3.17 V	314	30.5	13.0

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	71.9 PK	74.0	-2.1	1.56 H	12	67.7	4.2
2	#5470.00	53.8 AV	54.0	-0.2	1.56 H	12	49.6	4.2
3	*5530.00	104.6 PK			1.56 H	12	100.4	4.2
4	*5530.00	96.6 AV			1.56 H	12	92.4	4.2
5	#5725.00	51.8 PK	74.0	-22.2	1.56 H	12	47.4	4.4
6	#5725.00	42.6 AV	54.0	-11.4	1.56 H	12	38.2	4.4
7	11060.00	48.2 PK	74.0	-25.8	1.90 H	18	34.3	13.9
8	11060.00	35.1 AV	54.0	-18.9	1.90 H	18	21.2	13.9
9	#16590.00	56.8 PK	74.0	-17.2	2.31 H	326	41.2	15.6
10	#16590.00	44.2 AV	54.0	-9.8	2.31 H	326	28.6	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	70.2 PK	74.0	-3.8	1.00 V	360	66.0	4.2
2	#5470.00	53.1 AV	54.0	-0.9	1.00 V	360	48.9	4.2
3	*5530.00	101.9 PK			1.00 V	360	97.7	4.2
4	*5530.00	94.1 AV			1.00 V	360	89.9	4.2
5	#5725.00	50.1 PK	74.0	-23.9	1.00 V	360	45.7	4.4
6	#5725.00	41.9 AV	54.0	-12.1	1.00 V	360	37.5	4.4
7	11060.00	46.4 PK	74.0	-27.6	1.58 V	156	32.5	13.9
8	11060.00	34.1 AV	54.0	-19.9	1.58 V	156	20.2	13.9
9	#16590.00	57.1 PK	74.0	-16.9	3.11 V	317	41.5	15.6
10	#16590.00	44.3 AV	54.0	-9.7	3.11 V	317	28.7	15.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	105.6 PK			1.52 H	32	101.2	4.4
2	*5610.00	96.5 AV			1.52 H	32	92.1	4.4
3	#5725.00	59.8 PK	74.0	-14.2	1.52 H	32	55.4	4.4
4	#5725.00	47.2 AV	54.0	-6.8	1.52 H	32	42.8	4.4
5	11220.00	48.3 PK	74.0	-25.7	1.90 H	13	34.6	13.7
6	11220.00	35.4 AV	54.0	-18.6	1.90 H	13	21.7	13.7
7	#16830.00	56.2 PK	74.0	-17.8	2.36 H	339	40.3	15.9
8	#16830.00	43.5 AV	54.0	-10.5	2.36 H	339	27.6	15.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	102.9 PK			1.02 V	360	98.5	4.4
2	*5610.00	94.0 AV			1.02 V	360	89.6	4.4
3	#5725.00	58.1 PK	74.0	-15.9	1.02 V	360	53.7	4.4
4	#5725.00	46.5 AV	54.0	-7.5	1.02 V	360	42.1	4.4
5	11220.00	46.6 PK	74.0	-27.4	1.69 V	154	32.9	13.7
6	11220.00	34.4 AV	54.0	-19.6	1.69 V	154	20.7	13.7
7	#16830.00	56.1 PK	74.0	-17.9	3.14 V	307	40.2	15.9
8	#16830.00	43.6 AV	54.0	-10.4	3.14 V	307	27.7	15.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	59.8 PK	74.0	-14.2	1.53 H	36	55.8	4.0
2	#5470.00	47.4 AV	54.0	-6.6	1.53 H	36	43.4	4.0
3	*5690.00	105.6 PK			1.53 H	36	101.4	4.2
4	*5690.00	96.3 AV			1.53 H	36	92.1	4.2
5	#5850.00	59.7 PK	74.0	-14.3	1.53 H	36	55.1	4.6
6	#5850.00	47.0 AV	54.0	-7.0	1.53 H	36	42.4	4.6
7	11380.00	48.1 PK	74.0	-25.9	1.93 H	12	34.4	13.7
8	11380.00	35.1 AV	54.0	-18.9	1.93 H	12	21.4	13.7
9	#17070.00	56.6 PK	74.0	-17.4	2.32 H	340	40.0	16.6
10	#17070.00	43.6 AV	54.0	-10.4	2.32 H	340	27.0	16.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	58.7 PK	74.0	-15.3	1.00 V	360	54.7	4.0
2	#5470.00	47.0 AV	54.0	-7.0	1.00 V	360	43.0	4.0
3	*5690.00	102.8 PK			1.00 V	360	98.6	4.2
4	*5690.00	93.9 AV			1.00 V	360	89.7	4.2
5	#5850.00	58.4 PK	74.0	-15.6	1.00 V	360	53.8	4.6
6	#5850.00	46.5 AV	54.0	-7.5	1.00 V	360	41.9	4.6
7	11380.00	46.5 PK	74.0	-27.5	1.68 V	159	32.8	13.7
8	11380.00	34.4 AV	54.0	-19.6	1.68 V	159	20.7	13.7
9	#17070.00	55.9 PK	74.0	-18.1	3.14 V	316	39.3	16.6
10	#17070.00	43.3 AV	54.0	-10.7	3.14 V	316	26.7	16.6

REMARKS:

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

Below 1GHz Data:

802.11ac (VHT20)

CHANNEL	TX Channel 140	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	87.72	33.9 QP	40.0	-6.1	2.00 H	18	48.1	-14.2
2	113.74	32.9 QP	43.5	-10.6	3.00 H	272	43.7	-10.8
3	223.54	32.5 QP	46.0	-13.5	2.00 H	310	43.6	-11.1
4	344.79	35.7 QP	46.0	-10.3	1.00 H	300	42.2	-6.5
5	390.55	37.1 QP	46.0	-8.9	1.00 H	297	42.7	-5.6
6	475.47	34.1 QP	46.0	-11.9	3.00 H	320	37.6	-3.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	36.55	36.2 QP	40.0	-3.8	1.00 V	106	45.2	-9.0
2	114.22	33.2 QP	43.5	-10.3	2.00 V	360	43.9	-10.7
3	224.24	30.4 QP	46.0	-15.6	1.00 V	3	41.4	-11.0
4	344.91	40.5 QP	46.0	-5.5	2.00 V	360	47.0	-6.5
5	385.50	40.4 QP	46.0	-5.6	1.00 V	66	46.1	-5.7
6	481.92	37.2 QP	46.0	-8.8	1.00 V	42	40.6	-3.4

REMARKS:

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

Sector Antenna

Above 1GHz Data:

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	52.0 PK	74.0	-22.0	1.81 H	337	48.3	3.7
2	5150.00	39.8 AV	54.0	-14.2	1.81 H	337	36.1	3.7
3	*5260.00	115.1 PK			1.81 H	337	111.1	4.0
4	*5260.00	104.8 AV			1.81 H	337	100.8	4.0
5	#10520.00	48.4 PK	74.0	-25.6	1.98 H	6	35.2	13.2
6	#10520.00	35.4 AV	54.0	-18.6	1.98 H	6	22.2	13.2
7	15780.00	57.9 PK	74.0	-16.1	2.21 H	327	44.3	13.6
8	15780.00	45.0 AV	54.0	-9.0	2.21 H	327	31.4	13.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	48.5 PK	74.0	-25.5	1.55 V	181	44.8	3.7
2	5150.00	35.4 AV	54.0	-18.6	1.55 V	181	31.7	3.7
3	*5260.00	104.1 PK			1.55 V	181	100.1	4.0
4	*5260.00	91.7 AV			1.55 V	181	87.7	4.0
5	#10520.00	46.8 PK	74.0	-27.2	1.68 V	151	33.6	13.2
6	#10520.00	34.0 AV	54.0	-20.0	1.68 V	151	20.8	13.2
7	15780.00	56.1 PK	74.0	-17.9	3.15 V	310	42.5	13.6
8	15780.00	43.5 AV	54.0	-10.5	3.15 V	310	29.9	13.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	115.1 PK			1.86 H	340	111.0	4.1
2	*5300.00	104.9 AV			1.86 H	340	100.8	4.1
3	10600.00	48.7 PK	74.0	-25.3	2.03 H	30	35.2	13.5
4	10600.00	35.5 AV	54.0	-18.5	2.03 H	30	22.0	13.5
5	15900.00	57.3 PK	74.0	-16.7	2.23 H	329	44.4	12.9
6	15900.00	44.8 AV	54.0	-9.2	2.23 H	329	31.9	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	104.0 PK			1.55 V	192	99.9	4.1
2	*5300.00	91.9 AV			1.55 V	192	87.8	4.1
3	10600.00	46.1 PK	74.0	-27.9	1.66 V	145	32.6	13.5
4	10600.00	33.6 AV	54.0	-20.4	1.66 V	145	20.1	13.5
5	15900.00	56.1 PK	74.0	-17.9	3.09 V	299	43.2	12.9
6	15900.00	43.5 AV	54.0	-10.5	3.09 V	299	30.6	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	115.1 PK			1.75 H	336	111.0	4.1
2	*5320.00	105.0 AV			1.75 H	336	100.9	4.1
3	5350.00	62.5 PK	74.0	-11.5	1.75 H	336	58.4	4.1
4	5350.00	46.7 AV	54.0	-7.3	1.75 H	336	42.6	4.1
5	10640.00	48.4 PK	74.0	-25.6	2.04 H	20	34.9	13.5
6	10640.00	35.2 AV	54.0	-18.8	2.04 H	20	21.7	13.5
7	15960.00	58.0 PK	74.0	-16.0	2.22 H	316	45.1	12.9
8	15960.00	45.2 AV	54.0	-8.8	2.22 H	316	32.3	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	104.0 PK			1.53 V	194	99.9	4.1
2	*5320.00	91.8 AV			1.53 V	194	87.7	4.1
3	5350.00	50.8 PK	74.0	-23.2	1.53 V	194	46.7	4.1
4	5350.00	36.5 AV	54.0	-17.5	1.53 V	194	32.4	4.1
5	10640.00	47.3 PK	74.0	-26.7	1.59 V	145	33.8	13.5
6	10640.00	34.6 AV	54.0	-19.4	1.59 V	145	21.1	13.5
7	15960.00	56.9 PK	74.0	-17.1	3.17 V	316	44.0	12.9
8	15960.00	44.0 AV	54.0	-10.0	3.17 V	316	31.1	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	69.1 PK	74.0	-4.9	1.80 H	341	64.9	4.2
2	#5470.00	49.5 AV	54.0	-4.5	1.80 H	341	45.3	4.2
3	*5500.00	114.5 PK			1.80 H	341	110.3	4.2
4	*5500.00	105.8 AV			1.80 H	341	101.6	4.2
5	11000.00	48.7 PK	74.0	-25.3	1.89 H	22	34.6	14.1
6	11000.00	35.5 AV	54.0	-18.5	1.89 H	22	21.4	14.1
7	#16500.00	56.4 PK	74.0	-17.6	2.29 H	320	41.9	14.5
8	#16500.00	43.9 AV	54.0	-10.1	2.29 H	320	29.4	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	67.5 PK	74.0	-6.5	1.07 V	360	63.3	4.2
2	#5470.00	49.0 AV	54.0	-5.0	1.07 V	360	44.8	4.2
3	*5500.00	112.7 PK			1.07 V	360	108.5	4.2
4	*5500.00	103.8 AV			1.07 V	360	99.6	4.2
5	11000.00	47.2 PK	74.0	-26.8	1.65 V	140	33.1	14.1
6	11000.00	34.5 AV	54.0	-19.5	1.65 V	140	20.4	14.1
7	#16500.00	57.0 PK	74.0	-17.0	3.11 V	309	42.5	14.5
8	#16500.00	44.1 AV	54.0	-9.9	3.11 V	309	29.6	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	114.6 PK			1.77 H	348	110.4	4.2
2	*5580.00	105.6 AV			1.77 H	348	101.4	4.2
3	11160.00	48.0 PK	74.0	-26.0	1.94 H	32	34.3	13.7
4	11160.00	34.9 AV	54.0	-19.1	1.94 H	32	21.2	13.7
5	#16740.00	57.1 PK	74.0	-16.9	2.30 H	319	41.4	15.7
6	#16740.00	44.1 AV	54.0	-9.9	2.30 H	319	28.4	15.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	112.6 PK			1.07 V	360	108.4	4.2
2	*5580.00	104.0 AV			1.07 V	360	99.8	4.2
3	11160.00	47.0 PK	74.0	-27.0	1.63 V	151	33.3	13.7
4	11160.00	34.4 AV	54.0	-19.6	1.63 V	151	20.7	13.7
5	#16740.00	57.0 PK	74.0	-17.0	3.12 V	283	41.3	15.7
6	#16740.00	44.6 AV	54.0	-9.4	3.12 V	283	28.9	15.7

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	114.7 PK			1.85 H	339	110.2	4.5
2	*5700.00	106.1 AV			1.85 H	339	101.6	4.5
3	#5725.00	69.9 PK	74.0	-4.1	1.85 H	339	65.5	4.4
4	#5725.00	53.6 AV	54.0	-0.4	1.85 H	339	49.2	4.4
5	11400.00	48.4 PK	74.0	-25.6	1.94 H	24	34.8	13.6
6	11400.00	35.6 AV	54.0	-18.4	1.94 H	24	22.0	13.6
7	#17100.00	56.9 PK	74.0	-17.1	2.33 H	311	39.5	17.4
8	#17100.00	44.0 AV	54.0	-10.0	2.33 H	311	26.6	17.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	113.0 PK			1.10 V	357	108.5	4.5
2	*5700.00	104.1 AV			1.10 V	357	99.6	4.5
3	#5725.00	68.4 PK	74.0	-5.6	1.10 V	357	64.0	4.4
4	#5725.00	53.1 AV	54.0	-0.9	1.10 V	357	48.7	4.4
5	11400.00	47.0 PK	74.0	-27.0	1.65 V	131	33.4	13.6
6	11400.00	34.7 AV	54.0	-19.3	1.65 V	131	21.1	13.6
7	#17100.00	57.4 PK	74.0	-16.6	3.10 V	298	40.0	17.4
8	#17100.00	44.6 AV	54.0	-9.4	3.10 V	298	27.2	17.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	56.9 PK	74.0	-17.1	1.84 H	332	52.9	4.0
2	#5470.00	44.3 AV	54.0	-9.7	1.84 H	332	40.3	4.0
3	*5720.00	114.7 PK			1.84 H	332	110.5	4.2
4	*5720.00	106.1 AV			1.84 H	332	101.9	4.2
5	#5850.00	66.5 PK	74.0	-7.5	1.84 H	332	61.9	4.6
6	#5850.00	52.8 AV	54.0	-1.2	1.84 H	332	48.2	4.6
7	11440.00	48.1 PK	74.0	-25.9	1.99 H	25	34.3	13.8
8	11440.00	35.3 AV	54.0	-18.7	1.99 H	25	21.5	13.8
9	#17160.00	56.5 PK	74.0	-17.5	2.33 H	305	40.1	16.4
10	#17160.00	43.8 AV	54.0	-10.2	2.33 H	305	27.4	16.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	56.8 PK	74.0	-17.2	1.06 V	351	52.8	4.0
2	#5470.00	43.1 AV	54.0	-10.9	1.06 V	351	39.1	4.0
3	*5720.00	112.8 PK			1.06 V	351	108.6	4.2
4	*5720.00	104.1 AV			1.06 V	351	99.9	4.2
5	#5850.00	67.8 PK	74.0	-6.2	1.06 V	351	63.2	4.6
6	#5850.00	53.0 AV	54.0	-1.0	1.06 V	351	48.4	4.6
7	11440.00	47.2 PK	74.0	-26.8	1.67 V	116	33.4	13.8
8	11440.00	35.1 AV	54.0	-18.9	1.67 V	116	21.3	13.8
9	#17160.00	58.0 PK	74.0	-16.0	3.09 V	302	41.6	16.4
10	#17160.00	45.0 AV	54.0	-9.0	3.09 V	302	28.6	16.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very 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 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	53.4 PK	74.0	-20.6	1.84 H	353	49.7	3.7
2	5150.00	39.6 AV	54.0	-14.4	1.84 H	353	35.9	3.7
3	*5260.00	115.0 PK			1.84 H	353	111.0	4.0
4	*5260.00	104.6 AV			1.84 H	353	100.6	4.0
5	#10520.00	48.3 PK	74.0	-25.7	2.10 H	18	35.1	13.2
6	#10520.00	35.5 AV	54.0	-18.5	2.10 H	18	22.3	13.2
7	15780.00	57.7 PK	74.0	-16.3	2.29 H	318	44.1	13.6
8	15780.00	45.2 AV	54.0	-8.8	2.29 H	318	31.6	13.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	49.6 PK	74.0	-24.4	1.53 V	170	45.9	3.7
2	5150.00	36.3 AV	54.0	-17.7	1.53 V	170	32.6	3.7
3	*5260.00	103.8 PK			1.53 V	170	99.8	4.0
4	*5260.00	91.5 AV			1.53 V	170	87.5	4.0
5	#10520.00	46.4 PK	74.0	-27.6	1.66 V	140	33.2	13.2
6	#10520.00	33.7 AV	54.0	-20.3	1.66 V	140	20.5	13.2
7	15780.00	56.5 PK	74.0	-17.5	3.14 V	308	42.9	13.6
8	15780.00	43.8 AV	54.0	-10.2	3.14 V	308	30.2	13.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	115.4 PK			1.85 H	335	111.3	4.1
2	*5300.00	105.2 AV			1.85 H	335	101.1	4.1
3	10600.00	47.7 PK	74.0	-26.3	2.04 H	9	34.2	13.5
4	10600.00	35.1 AV	54.0	-18.9	2.04 H	9	21.6	13.5
5	15900.00	57.6 PK	74.0	-16.4	2.26 H	320	44.7	12.9
6	15900.00	44.9 AV	54.0	-9.1	2.26 H	320	32.0	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	103.6 PK			1.52 V	195	99.5	4.1
2	*5300.00	91.3 AV			1.52 V	195	87.2	4.1
3	10600.00	46.5 PK	74.0	-27.5	1.68 V	160	33.0	13.5
4	10600.00	33.9 AV	54.0	-20.1	1.68 V	160	20.4	13.5
5	15900.00	56.1 PK	74.0	-17.9	3.12 V	319	43.2	12.9
6	15900.00	43.6 AV	54.0	-10.4	3.12 V	319	30.7	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	115.2 PK			1.87 H	341	111.1	4.1
2	*5320.00	105.0 AV			1.87 H	341	100.9	4.1
3	5350.00	60.6 PK	74.0	-13.4	1.87 H	341	56.5	4.1
4	5350.00	46.0 AV	54.0	-8.0	1.87 H	341	41.9	4.1
5	10640.00	48.7 PK	74.0	-25.3	2.07 H	13	35.2	13.5
6	10640.00	35.6 AV	54.0	-18.4	2.07 H	13	22.1	13.5
7	15960.00	57.1 PK	74.0	-16.9	2.19 H	327	44.2	12.9
8	15960.00	44.5 AV	54.0	-9.5	2.19 H	327	31.6	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	104.4 PK			1.54 V	170	100.3	4.1
2	*5320.00	91.9 AV			1.54 V	170	87.8	4.1
3	5350.00	51.2 PK	74.0	-22.8	1.54 V	170	47.1	4.1
4	5350.00	37.9 AV	54.0	-16.1	1.54 V	170	33.8	4.1
5	10640.00	46.7 PK	74.0	-27.3	1.59 V	141	33.2	13.5
6	10640.00	34.3 AV	54.0	-19.7	1.59 V	141	20.8	13.5
7	15960.00	56.1 PK	74.0	-17.9	3.16 V	299	43.2	12.9
8	15960.00	43.6 AV	54.0	-10.4	3.16 V	299	30.7	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	68.6 PK	74.0	-5.4	1.63 H	332	64.4	4.2
2	#5470.00	47.9 AV	54.0	-6.1	1.63 H	332	43.7	4.2
3	*5500.00	112.3 PK			1.63 H	332	108.1	4.2
4	*5500.00	101.9 AV			1.63 H	332	97.7	4.2
5	11000.00	48.0 PK	74.0	-26.0	2.01 H	24	33.9	14.1
6	11000.00	35.2 AV	54.0	-18.8	2.01 H	24	21.1	14.1
7	#16500.00	56.9 PK	74.0	-17.1	2.39 H	324	42.4	14.5
8	#16500.00	44.5 AV	54.0	-9.5	2.39 H	324	30.0	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	66.6 PK	74.0	-7.4	1.10 V	352	62.4	4.2
2	#5470.00	46.6 AV	54.0	-7.4	1.10 V	352	42.4	4.2
3	*5500.00	110.1 PK			1.10 V	352	105.9	4.2
4	*5500.00	99.6 AV			1.10 V	352	95.4	4.2
5	11000.00	46.5 PK	74.0	-27.5	1.65 V	168	32.4	14.1
6	11000.00	33.8 AV	54.0	-20.2	1.65 V	168	19.7	14.1
7	#16500.00	57.4 PK	74.0	-16.6	3.11 V	294	42.9	14.5
8	#16500.00	44.4 AV	54.0	-9.6	3.11 V	294	29.9	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	112.2 PK			1.58 H	318	108.0	4.2
2	*5580.00	101.6 AV			1.58 H	318	97.4	4.2
3	11160.00	47.9 PK	74.0	-26.1	2.03 H	48	34.2	13.7
4	11160.00	34.9 AV	54.0	-19.1	2.03 H	48	21.2	13.7
5	#16740.00	56.5 PK	74.0	-17.5	2.40 H	313	40.8	15.7
6	#16740.00	44.1 AV	54.0	-9.9	2.40 H	313	28.4	15.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	110.4 PK			1.08 V	344	106.2	4.2
2	*5580.00	99.9 AV			1.08 V	344	95.7	4.2
3	11160.00	47.0 PK	74.0	-27.0	1.67 V	150	33.3	13.7
4	11160.00	34.6 AV	54.0	-19.4	1.67 V	150	20.9	13.7
5	#16740.00	56.8 PK	74.0	-17.2	3.10 V	292	41.1	15.7
6	#16740.00	44.4 AV	54.0	-9.6	3.10 V	292	28.7	15.7

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	112.0 PK			1.66 H	345	107.5	4.5
2	*5700.00	101.9 AV			1.66 H	345	97.4	4.5
3	#5725.00	68.1 PK	74.0	-5.9	1.66 H	345	63.7	4.4
4	#5725.00	47.3 AV	54.0	-6.7	1.66 H	345	42.9	4.4
5	11400.00	48.1 PK	74.0	-25.9	2.02 H	41	34.5	13.6
6	11400.00	34.9 AV	54.0	-19.1	2.02 H	41	21.3	13.6
7	#17100.00	57.1 PK	74.0	-16.9	2.35 H	302	39.7	17.4
8	#17100.00	44.6 AV	54.0	-9.4	2.35 H	302	27.2	17.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	110.0 PK			1.05 V	337	105.5	4.5
2	*5700.00	99.5 AV			1.05 V	337	95.0	4.5
3	#5725.00	66.7 PK	74.0	-7.3	1.05 V	337	62.3	4.4
4	#5725.00	47.2 AV	54.0	-6.8	1.05 V	337	42.8	4.4
5	11400.00	46.7 PK	74.0	-27.3	1.67 V	128	33.1	13.6
6	11400.00	34.4 AV	54.0	-19.6	1.67 V	128	20.8	13.6
7	#17100.00	56.9 PK	74.0	-17.1	3.15 V	296	39.5	17.4
8	#17100.00	44.0 AV	54.0	-10.0	3.15 V	296	26.6	17.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	57.1 PK	74.0	-16.9	1.79 H	337	53.1	4.0
2	#5470.00	44.2 AV	54.0	-9.8	1.79 H	337	40.2	4.0
3	*5720.00	112.0 PK			1.79 H	337	107.8	4.2
4	*5720.00	102.2 AV			1.79 H	337	98.0	4.2
5	#5850.00	65.8 PK	74.0	-8.2	1.79 H	337	61.2	4.6
6	#5850.00	52.4 AV	54.0	-1.6	1.79 H	337	47.8	4.6
7	11440.00	47.6 PK	74.0	-26.4	2.00 H	36	33.8	13.8
8	11440.00	34.4 AV	54.0	-19.6	2.00 H	36	20.6	13.8
9	#17160.00	57.2 PK	74.0	-16.8	2.32 H	318	40.8	16.4
10	#17160.00	44.7 AV	54.0	-9.3	2.32 H	318	28.3	16.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	56.5 PK	74.0	-17.5	1.09 V	353	52.5	4.0
2	#5470.00	42.9 AV	54.0	-11.1	1.09 V	353	38.9	4.0
3	*5720.00	109.7 PK			1.09 V	353	105.5	4.2
4	*5720.00	99.1 AV			1.09 V	353	94.9	4.2
5	#5850.00	67.4 PK	74.0	-6.6	1.09 V	353	62.8	4.6
6	#5850.00	52.7 AV	54.0	-1.3	1.09 V	353	48.1	4.6
7	11440.00	46.9 PK	74.0	-27.1	1.70 V	132	33.1	13.8
8	11440.00	34.7 AV	54.0	-19.3	1.70 V	132	20.9	13.8
9	#17160.00	56.7 PK	74.0	-17.3	3.17 V	295	40.3	16.4
10	#17160.00	43.9 AV	54.0	-10.1	3.17 V	295	27.5	16.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very 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 54	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5121.00	49.8 PK	74.0	-24.2	1.62 H	15	46.3	3.5
2	5121.00	40.3 AV	54.0	-13.7	1.62 H	15	36.8	3.5
3	*5270.00	109.7 PK			1.62 H	15	105.7	4.0
4	*5270.00	99.9 AV			1.62 H	15	95.9	4.0
5	#10540.00	48.4 PK	74.0	-25.6	1.98 H	18	35.1	13.3
6	#10540.00	35.2 AV	54.0	-18.8	1.98 H	18	21.9	13.3
7	15810.00	57.0 PK	74.0	-17.0	2.26 H	360	43.6	13.4
8	15810.00	44.6 AV	54.0	-9.4	2.26 H	360	31.2	13.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5121.00	48.5 PK	74.0	-25.5	1.10 V	353	45.0	3.5
2	5121.00	39.9 AV	54.0	-14.1	1.10 V	353	36.4	3.5
3	*5270.00	106.9 PK			1.10 V	353	102.9	4.0
4	*5270.00	97.5 AV			1.10 V	353	93.5	4.0
5	#10540.00	45.7 PK	74.0	-28.3	1.65 V	157	32.4	13.3
6	#10540.00	33.3 AV	54.0	-20.7	1.65 V	157	20.0	13.3
7	15810.00	56.7 PK	74.0	-17.3	3.21 V	307	43.3	13.4
8	15810.00	43.9 AV	54.0	-10.1	3.21 V	307	30.5	13.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	110.0 PK			1.62 H	15	105.9	4.1
2	*5310.00	100.1 AV			1.62 H	15	96.0	4.1
3	5350.00	69.9 PK	74.0	-4.1	1.62 H	15	65.8	4.1
4	5350.00	53.8 AV	54.0	-0.2	1.62 H	15	49.7	4.1
5	10620.00	48.6 PK	74.0	-25.4	1.92 H	18	35.1	13.5
6	10620.00	35.4 AV	54.0	-18.6	1.92 H	18	21.9	13.5
7	15930.00	57.9 PK	74.0	-16.1	2.26 H	358	45.1	12.8
8	15930.00	45.2 AV	54.0	-8.8	2.26 H	358	32.4	12.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	107.5 PK			1.08 V	347	103.4	4.1
2	*5310.00	97.7 AV			1.08 V	347	93.6	4.1
3	5350.00	68.0 PK	74.0	-6.0	1.08 V	347	63.9	4.1
4	5350.00	53.4 AV	54.0	-0.6	1.08 V	347	49.3	4.1
5	10620.00	45.9 PK	74.0	-28.1	1.62 V	145	32.4	13.5
6	10620.00	33.4 AV	54.0	-20.6	1.62 V	145	19.9	13.5
7	15930.00	56.1 PK	74.0	-17.9	3.22 V	300	43.3	12.8
8	15930.00	43.3 AV	54.0	-10.7	3.22 V	300	30.5	12.8

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	73.0 PK	74.0	-1.0	2.39 H	10	68.8	4.2
2	**#5470.00**	**53.9 AV**	**54.0**	**-0.1**	**2.39 H**	**10**	**49.7**	**4.2**
3	*5510.00	110.4 PK			2.34 H	10	106.2	4.2
4	*5510.00	101.7 AV			2.34 H	10	97.5	4.2
5	11020.00	48.0 PK	74.0	-26.0	1.90 H	24	34.0	14.0
6	11020.00	35.2 AV	54.0	-18.8	1.90 H	24	21.2	14.0
7	#16530.00	56.4 PK	74.0	-17.6	2.38 H	334	41.5	14.9
8	#16530.00	43.8 AV	54.0	-10.2	2.38 H	334	28.9	14.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	71.7 PK	74.0	-2.3	1.07 V	360	67.5	4.2
2	#5470.00	52.8 AV	54.0	-1.2	1.07 V	360	48.6	4.2
3	*5510.00	106.8 PK			1.07 V	360	102.6	4.2
4	*5510.00	98.1 AV			1.07 V	360	93.9	4.2
5	11020.00	47.2 PK	74.0	-26.8	1.58 V	141	33.2	14.0
6	11020.00	34.8 AV	54.0	-19.2	1.58 V	141	20.8	14.0
7	#16530.00	55.9 PK	74.0	-18.1	3.08 V	300	41.0	14.9
8	#16530.00	43.4 AV	54.0	-10.6	3.08 V	300	28.5	14.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	110.5 PK			2.14 H	10	106.3	4.2
2	*5550.00	101.4 AV			2.14 H	10	97.2	4.2
3	11100.00	47.8 PK	74.0	-26.2	1.88 H	32	34.0	13.8
4	11100.00	35.1 AV	54.0	-18.9	1.88 H	32	21.3	13.8
5	#16650.00	56.2 PK	74.0	-17.8	2.28 H	345	40.6	15.6
6	#16650.00	43.4 AV	54.0	-10.6	2.28 H	345	27.8	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	106.2 PK			1.00 V	360	102.0	4.2
2	*5550.00	98.5 AV			1.00 V	360	94.3	4.2
3	11100.00	47.0 PK	74.0	-27.0	1.64 V	136	33.2	13.8
4	11100.00	34.3 AV	54.0	-19.7	1.64 V	136	20.5	13.8
5	#16650.00	56.3 PK	74.0	-17.7	3.02 V	299	40.7	15.6
6	#16650.00	43.7 AV	54.0	-10.3	3.02 V	299	28.1	15.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	110.2 PK			2.09 H	12	105.9	4.3
2	*5670.00	101.3 AV			2.09 H	12	97.0	4.3
3	#5725.00	68.6 PK	74.0	-5.4	2.15 H	12	64.2	4.4
4	#5725.00	51.6 AV	54.0	-2.4	2.15 H	12	47.2	4.4
5	11340.00	48.8 PK	74.0	-25.2	1.87 H	24	35.2	13.6
6	11340.00	35.4 AV	54.0	-18.6	1.87 H	24	21.8	13.6
7	#17010.00	56.5 PK	74.0	-17.5	2.23 H	333	39.4	17.1
8	#17010.00	44.1 AV	54.0	-9.9	2.23 H	333	27.0	17.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	107.4 PK			1.08 V	360	103.1	4.3
2	*5670.00	98.3 AV			1.08 V	360	94.0	4.3
3	#5725.00	66.6 PK	74.0	-7.4	1.10 V	350	62.2	4.4
4	#5725.00	51.0 AV	54.0	-3.0	1.10 V	350	46.6	4.4
5	11340.00	45.8 PK	74.0	-28.2	1.64 V	142	32.2	13.6
6	11340.00	33.8 AV	54.0	-20.2	1.64 V	142	20.2	13.6
7	#17010.00	56.3 PK	74.0	-17.7	3.08 V	280	39.2	17.1
8	#17010.00	43.3 AV	54.0	-10.7	3.08 V	280	26.2	17.1

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	57.2 PK	74.0	-16.8	1.75 H	334	53.2	4.0
2	#5470.00	44.1 AV	54.0	-9.9	1.75 H	334	40.1	4.0
3	*5710.00	110.1 PK			1.75 H	334	105.8	4.3
4	*5710.00	101.3 AV			1.75 H	334	97.0	4.3
5	#5850.00	65.9 PK	74.0	-8.1	1.75 H	334	61.3	4.6
6	#5850.00	52.4 AV	54.0	-1.6	1.75 H	334	47.8	4.6
7	11420.00	48.6 PK	74.0	-25.4	1.93 H	33	34.8	13.8
8	11420.00	35.0 AV	54.0	-19.0	1.93 H	33	21.2	13.8
9	#17130.00	56.7 PK	74.0	-17.3	2.18 H	321	40.2	16.5
10	#17130.00	44.2 AV	54.0	-9.8	2.18 H	321	27.7	16.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	56.6 PK	74.0	-17.4	1.14 V	343	52.6	4.0
2	#5470.00	43.0 AV	54.0	-11.0	1.14 V	343	39.0	4.0
3	*5710.00	107.2 PK			1.14 V	343	102.9	4.3
4	*5710.00	98.0 AV			1.14 V	343	93.7	4.3
5	#5850.00	67.7 PK	74.0	-6.3	1.14 V	343	63.1	4.6
6	#5850.00	52.8 AV	54.0	-1.2	1.14 V	343	48.2	4.6
7	11420.00	46.0 PK	74.0	-28.0	1.59 V	145	32.2	13.8
8	11420.00	33.7 AV	54.0	-20.3	1.59 V	145	19.9	13.8
9	#17130.00	57.0 PK	74.0	-17.0	3.13 V	293	40.5	16.5
10	#17130.00	43.7 AV	54.0	-10.3	3.13 V	293	27.2	16.5

REMARKS:

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

802.11ac (VHT80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	54.0 PK	74.0	-20.0	1.62 H	23	50.3	3.7
2	5150.00	43.4 AV	54.0	-10.6	1.62 H	23	39.7	3.7
3	*5290.00	103.1 PK			1.62 H	23	99.0	4.1
4	*5290.00	94.4 AV			1.62 H	23	90.3	4.1
5	5350.00	64.6 PK	74.0	-9.4	1.62 H	23	60.5	4.1
6	5350.00	53.8 AV	54.0	-0.2	1.62 H	23	49.7	4.1
7	#10580.00	47.8 PK	74.0	-26.2	1.94 H	30	34.4	13.4
8	#10580.00	35.3 AV	54.0	-18.7	1.94 H	30	21.9	13.4
9	15870.00	55.9 PK	74.0	-18.1	2.31 H	358	42.9	13.0
10	15870.00	43.6 AV	54.0	-10.4	2.31 H	358	30.6	13.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	52.1 PK	74.0	-21.9	1.08 V	360	48.4	3.7
2	5150.00	43.0 AV	54.0	-11.0	1.08 V	360	39.3	3.7
3	*5290.00	101.4 PK			1.08 V	360	97.3	4.1
4	*5290.00	92.6 AV			1.08 V	360	88.5	4.1
5	5350.00	62.6 PK	74.0	-11.4	1.08 V	360	58.5	4.1
6	5350.00	53.2 AV	54.0	-0.8	1.08 V	360	49.1	4.1
7	#10580.00	46.0 PK	74.0	-28.0	1.70 V	140	32.6	13.4
8	#10580.00	34.0 AV	54.0	-20.0	1.70 V	140	20.6	13.4
9	15870.00	56.4 PK	74.0	-17.6	3.19 V	318	43.4	13.0
10	15870.00	43.5 AV	54.0	-10.5	3.19 V	318	30.5	13.0

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	72.3 PK	74.0	-1.7	1.59 H	24	68.1	4.2
2	#5470.00	53.8 AV	54.0	-0.2	1.59 H	24	49.6	4.2
3	*5530.00	105.6 PK			1.59 H	24	101.4	4.2
4	*5530.00	97.5 AV			1.59 H	24	93.3	4.2
5	#5725.00	51.4 PK	74.0	-22.6	1.54 H	24	47.0	4.4
6	#5725.00	42.2 AV	54.0	-11.8	1.54 H	24	37.8	4.4
7	11060.00	48.0 PK	74.0	-26.0	1.89 H	16	34.1	13.9
8	11060.00	34.6 AV	54.0	-19.4	1.89 H	16	20.7	13.9
9	#16590.00	56.7 PK	74.0	-17.3	2.34 H	324	41.1	15.6
10	#16590.00	44.4 AV	54.0	-9.6	2.34 H	324	28.8	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	69.9 PK	74.0	-4.1	1.00 V	360	65.7	4.2
2	#5470.00	53.0 AV	54.0	-1.0	1.00 V	360	48.8	4.2
3	*5530.00	103.0 PK			1.00 V	360	98.8	4.2
4	*5530.00	95.2 AV			1.00 V	360	91.0	4.2
5	#5725.00	50.6 PK	74.0	-23.4	1.00 V	360	46.2	4.4
6	#5725.00	42.3 AV	54.0	-11.7	1.00 V	360	37.9	4.4
7	11060.00	46.5 PK	74.0	-27.5	1.58 V	168	32.6	13.9
8	11060.00	34.4 AV	54.0	-19.6	1.58 V	168	20.5	13.9
9	#16590.00	56.7 PK	74.0	-17.3	3.11 V	315	41.1	15.6
10	#16590.00	44.1 AV	54.0	-9.9	3.11 V	315	28.5	15.6

REMARKS:

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

CHANNEL	TX Channel 122	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	*5610.00	105.2 PK			1.56 H	48	100.8	4.4
2	*5610.00	96.0 AV			1.56 H	48	91.6	4.4
3	#5725.00	59.7 PK	74.0	-14.3	1.56 H	48	55.3	4.4
4	#5725.00	47.3 AV	54.0	-6.7	1.56 H	48	42.9	4.4
5	11220.00	49.1 PK	74.0	-24.9	1.85 H	2	35.4	13.7
6	11220.00	35.9 AV	54.0	-18.1	1.85 H	2	22.2	13.7
7	#16830.00	56.0 PK	74.0	-18.0	2.32 H	331	40.1	15.9
8	#16830.00	43.3 AV	54.0	-10.7	2.32 H	331	27.4	15.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	102.7 PK			1.04 V	360	98.3	4.4
2	*5610.00	93.8 AV			1.04 V	360	89.4	4.4
3	#5725.00	58.2 PK	74.0	-15.8	1.04 V	360	53.8	4.4
4	#5725.00	46.3 AV	54.0	-7.7	1.04 V	360	41.9	4.4
5	11220.00	45.8 PK	74.0	-28.2	1.75 V	141	32.1	13.7
6	11220.00	33.9 AV	54.0	-20.1	1.75 V	141	20.2	13.7
7	#16830.00	56.1 PK	74.0	-17.9	3.13 V	298	40.2	15.9
8	#16830.00	43.3 AV	54.0	-10.7	3.13 V	298	27.4	15.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	57.2 PK	74.0	-16.8	1.80 H	349	53.2	4.0
2	#5470.00	44.2 AV	54.0	-9.8	1.80 H	349	40.2	4.0
3	*5690.00	104.9 PK			1.80 H	349	100.7	4.2
4	*5690.00	95.6 AV			1.80 H	349	91.4	4.2
5	#5850.00	66.1 PK	74.0	-7.9	1.80 H	349	61.5	4.6
6	#5850.00	52.6 AV	54.0	-1.4	1.80 H	349	48.0	4.6
7	11380.00	49.2 PK	74.0	-24.8	1.82 H	123	35.5	13.7
8	11380.00	36.2 AV	54.0	-17.8	1.82 H	123	22.5	13.7
9	#17070.00	56.2 PK	74.0	-17.8	2.30 H	324	39.6	16.6
10	#17070.00	43.4 AV	54.0	-10.6	2.30 H	324	26.8	16.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	56.5 PK	74.0	-17.5	1.14 V	341	52.5	4.0
2	#5470.00	42.6 AV	54.0	-11.4	1.14 V	341	38.6	4.0
3	*5690.00	103.0 PK			1.14 V	341	98.8	4.2
4	*5690.00	94.3 AV			1.14 V	341	90.1	4.2
5	#5850.00	67.5 PK	74.0	-6.5	1.14 V	341	62.9	4.6
6	#5850.00	53.0 AV	54.0	-1.0	1.14 V	341	48.4	4.6
7	11380.00	45.8 PK	74.0	-28.2	1.73 V	126	32.1	13.7
8	11380.00	33.9 AV	54.0	-20.1	1.73 V	126	20.2	13.7
9	#17070.00	55.8 PK	74.0	-18.2	3.11 V	303	39.2	16.6
10	#17070.00	43.0 AV	54.0	-11.0	3.11 V	303	26.4	16.6

REMARKS:

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

Below 1GHz Data:

802.11n (HT20)

CHANNEL	TX Channel 140	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	88.18	33.9 QP	43.5	-9.6	1.00 H	360	48.1	-14.2
2	114.37	33.5 QP	43.5	-10.0	3.00 H	85	44.2	-10.7
3	223.90	31.3 QP	46.0	-14.7	2.00 H	297	42.4	-11.1
4	345.81	35.1 QP	46.0	-10.9	1.00 H	296	41.6	-6.5
5	396.54	37.6 QP	46.0	-8.4	3.00 H	176	43.0	-5.4
6	468.54	35.1 QP	46.0	-10.9	3.00 H	108	38.7	-3.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	36.62	35.5 QP	40.0	-4.5	1.00 V	150	44.5	-9.0
2	114.41	34.0 QP	43.5	-9.5	2.00 V	360	44.7	-10.7
3	224.10	29.9 QP	46.0	-16.1	1.00 V	187	40.9	-11.0
4	351.22	40.6 QP	46.0	-5.4	2.00 V	360	47.1	-6.5
5	384.83	39.2 QP	46.0	-6.8	1.00 V	95	44.9	-5.7
6	480.13	35.2 QP	46.0	-10.8	1.00 V	48	38.6	-3.4

REMARKS:

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

Omnidirectional

Above 1GHz Data:

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	48.7 PK	74.0	-25.3	1.49 H	185	45.0	3.7
2	5150.00	35.6 AV	54.0	-18.4	1.49 H	185	31.9	3.7
3	*5260.00	104.6 PK			1.49 H	185	100.6	4.0
4	*5260.00	92.1 AV			1.49 H	185	88.1	4.0
5	#10520.00	48.6 PK	74.0	-25.4	1.48 H	87	35.4	13.2
6	#10520.00	34.6 AV	54.0	-19.4	1.48 H	87	21.4	13.2
7	15780.00	47.9 PK	74.0	-26.1	1.56 H	12	34.3	13.6
8	15780.00	35.4 AV	54.0	-18.6	1.56 H	12	21.8	13.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	51.6 PK	74.0	-22.4	1.76 V	349	47.9	3.7
2	5150.00	39.3 AV	54.0	-14.7	1.76 V	349	35.6	3.7
3	*5260.00	115.7 PK			1.76 V	349	111.7	4.0
4	*5260.00	105.1 AV			1.76 V	349	101.1	4.0
5	#10520.00	47.9 PK	74.0	-26.1	1.52 V	312	34.7	13.2
6	#10520.00	34.6 AV	54.0	-19.4	1.52 V	312	21.4	13.2
7	15780.00	48.1 PK	74.0	-25.9	1.53 V	40	34.5	13.6
8	15780.00	35.9 AV	54.0	-18.1	1.53 V	40	22.3	13.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	104.6 PK			1.94 H	349	100.5	4.1
2	*5300.00	94.3 AV			1.94 H	349	90.2	4.1
3	10600.00	47.9 PK	74.0	-26.1	1.64 H	332	34.4	13.5
4	10600.00	34.7 AV	54.0	-19.3	1.64 H	332	21.2	13.5
5	15900.00	48.1 PK	74.0	-25.9	1.56 H	206	35.2	12.9
6	15900.00	35.9 AV	54.0	-18.1	1.56 H	206	23.0	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	117.6 PK			1.77 V	345	113.5	4.1
2	*5300.00	106.1 AV			1.77 V	345	102.0	4.1
3	10600.00	47.7 PK	74.0	-26.3	1.88 V	207	34.2	13.5
4	10600.00	35.1 AV	54.0	-18.9	1.88 V	207	21.6	13.5
5	15900.00	49.2 PK	74.0	-24.8	1.64 V	332	36.3	12.9
6	15900.00	37.5 AV	54.0	-16.5	1.64 V	332	24.6	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	104.6 PK			2.02 H	349	100.5	4.1
2	*5320.00	94.2 AV			2.02 H	349	90.1	4.1
3	5350.00	50.3 PK	74.0	-23.7	2.02 H	349	46.2	4.1
4	5350.00	36.3 AV	54.0	-17.7	2.02 H	349	32.2	4.1
5	10640.00	47.9 PK	74.0	-26.1	1.63 H	22	34.4	13.5
6	10640.00	34.2 AV	54.0	-19.8	1.63 H	22	20.7	13.5
7	15960.00	48.3 PK	74.0	-25.7	1.52 H	163	35.4	12.9
8	15960.00	35.0 AV	54.0	-19.0	1.52 H	163	22.1	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	117.6 PK			1.75 V	344	113.5	4.1
2	*5320.00	106.1 AV			1.75 V	344	102.0	4.1
3	5350.00	62.5 PK	74.0	-11.5	1.75 V	344	58.4	4.1
4	5350.00	46.9 AV	54.0	-7.1	1.75 V	344	42.8	4.1
5	10640.00	47.4 PK	74.0	-26.6	1.69 V	123	33.9	13.5
6	10640.00	34.1 AV	54.0	-19.9	1.69 V	123	20.6	13.5
7	15960.00	48.2 PK	74.0	-25.8	1.86 V	223	35.3	12.9
8	15960.00	35.0 AV	54.0	-19.0	1.86 V	223	22.1	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	50.9 PK	74.0	-23.1	1.50 H	119	46.7	4.2
2	#5470.00	37.5 AV	54.0	-16.5	1.50 H	119	33.3	4.2
3	*5500.00	102.9 PK			1.50 H	119	98.7	4.2
4	*5500.00	91.8 AV			1.50 H	119	87.6	4.2
5	11000.00	49.2 PK	74.0	-24.8	1.53 H	303	35.1	14.1
6	11000.00	36.2 AV	54.0	-17.8	1.53 H	303	22.1	14.1
7	#16500.00	49.5 PK	74.0	-24.5	1.55 H	192	35.0	14.5
8	#16500.00	36.4 AV	54.0	-17.6	1.55 H	192	21.9	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	61.1 PK	74.0	-12.9	2.36 V	123	56.9	4.2
2	#5470.00	46.7 AV	54.0	-7.3	2.36 V	123	42.5	4.2
3	*5500.00	115.9 PK			2.36 V	123	111.7	4.2
4	*5500.00	104.9 AV			2.36 V	123	100.7	4.2
5	11000.00	49.8 PK	74.0	-24.2	1.50 V	190	35.7	14.1
6	11000.00	37.0 AV	54.0	-17.0	1.50 V	190	22.9	14.1
7	#16500.00	48.6 PK	74.0	-25.4	1.53 V	120	34.1	14.5
8	#16500.00	36.9 AV	54.0	-17.1	1.53 V	120	22.4	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	104.3 PK			1.33 H	360	100.1	4.2
2	*5580.00	93.3 AV			1.33 H	360	89.1	4.2
3	11160.00	47.9 PK	74.0	-26.1	1.66 H	60	34.2	13.7
4	11160.00	35.4 AV	54.0	-18.6	1.66 H	60	21.7	13.7
5	#16740.00	50.6 PK	74.0	-23.4	1.43 H	151	34.9	15.7
6	#16740.00	37.6 AV	54.0	-16.4	1.43 H	151	21.9	15.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	117.8 PK			2.33 V	0	113.6	4.2
2	*5580.00	106.0 AV			2.33 V	0	101.8	4.2
3	11160.00	48.9 PK	74.0	-25.1	1.76 V	325	35.2	13.7
4	11160.00	36.7 AV	54.0	-17.3	1.76 V	325	23.0	13.7
5	#16740.00	51.0 PK	74.0	-23.0	1.55 V	312	35.3	15.7
6	#16740.00	38.1 AV	54.0	-15.9	1.55 V	312	22.4	15.7

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	104.6 PK			1.55 H	339	100.1	4.5
2	*5700.00	94.4 AV			1.55 H	339	89.9	4.5
3	#5725.00	58.4 PK	74.0	-15.6	1.55 H	339	54.0	4.4
4	#5725.00	40.2 AV	54.0	-13.8	1.55 H	339	35.8	4.4
5	11400.00	48.6 PK	74.0	-25.4	1.52 H	33	35.0	13.6
6	11400.00	37.1 AV	54.0	-16.9	1.52 H	33	23.5	13.6
7	#17100.00	53.0 PK	74.0	-21.0	1.64 H	245	35.6	17.4
8	#17100.00	39.6 AV	54.0	-14.4	1.64 H	245	22.2	17.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	115.4 PK			1.84 V	167	110.9	4.5
2	*5700.00	105.1 AV			1.84 V	167	100.6	4.5
3	#5725.00	66.9 PK	74.0	-7.1	1.84 V	167	62.5	4.4
4	#5725.00	47.4 AV	54.0	-6.6	1.84 V	167	43.0	4.4
5	11400.00	50.7 PK	74.0	-23.3	1.68 V	60	37.1	13.6
6	11400.00	39.7 AV	54.0	-14.3	1.68 V	60	26.1	13.6
7	#17100.00	52.7 PK	74.0	-21.3	1.58 V	231	35.3	17.4
8	#17100.00	39.7 AV	54.0	-14.3	1.58 V	231	22.3	17.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	58.2 PK	74.0	-15.8	1.51 H	338	54.2	4.0
2	#5470.00	40.0 AV	54.0	-14.0	1.51 H	338	36.0	4.0
3	*5720.00	104.5 PK			1.51 H	338	100.3	4.2
4	*5720.00	94.0 AV			1.51 H	338	89.8	4.2
5	#5850.00	50.1 PK	74.0	-23.9	1.51 H	338	45.5	4.6
6	#5850.00	37.0 AV	54.0	-17.0	1.51 H	338	32.4	4.6
7	11440.00	48.5 PK	74.0	-25.5	1.47 H	27	34.7	13.8
8	11440.00	37.2 AV	54.0	-16.8	1.47 H	27	23.4	13.8
9	#17160.00	52.9 PK	74.0	-21.1	1.68 H	254	36.5	16.4
10	#17160.00	39.4 AV	54.0	-14.6	1.68 H	254	23.0	16.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	66.7 PK	74.0	-7.3	1.86 V	175	62.7	4.0
2	#5470.00	47.4 AV	54.0	-6.6	1.86 V	175	43.4	4.0
3	*5720.00	115.7 PK			1.86 V	175	111.5	4.2
4	*5720.00	105.2 AV			1.86 V	175	101.0	4.2
5	#5850.00	61.6 PK	74.0	-12.4	1.86 V	175	57.0	4.6
6	#5850.00	47.1 AV	54.0	-6.9	1.86 V	175	42.5	4.6
7	11440.00	50.9 PK	74.0	-23.1	1.72 V	62	37.1	13.8
8	11440.00	39.9 AV	54.0	-14.1	1.72 V	62	26.1	13.8
9	#17160.00	53.0 PK	74.0	-21.0	1.54 V	236	36.6	16.4
10	#17160.00	39.8 AV	54.0	-14.2	1.54 V	236	23.4	16.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very 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 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	49.6 PK	74.0	-24.4	1.52 H	131	45.9	3.7
2	5150.00	36.3 AV	54.0	-17.7	1.52 H	131	32.6	3.7
3	*5260.00	103.6 PK			1.52 H	131	99.6	4.0
4	*5260.00	91.9 AV			1.52 H	131	87.9	4.0
5	#10520.00	48.1 PK	74.0	-25.9	1.56 H	31	34.9	13.2
6	#10520.00	34.5 AV	54.0	-19.5	1.56 H	31	21.3	13.2
7	15780.00	47.6 PK	74.0	-26.4	1.52 H	300	34.0	13.6
8	15780.00	34.9 AV	54.0	-19.1	1.52 H	300	21.3	13.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	52.7 PK	74.0	-21.3	1.86 V	142	49.0	3.7
2	5150.00	39.1 AV	54.0	-14.9	1.86 V	142	35.4	3.7
3	*5260.00	114.9 PK			1.86 V	142	110.9	4.0
4	*5260.00	103.4 AV			1.86 V	142	99.4	4.0
5	#10520.00	46.9 PK	74.0	-27.1	1.67 V	223	33.7	13.2
6	#10520.00	34.2 AV	54.0	-19.8	1.67 V	223	21.0	13.2
7	15780.00	47.1 PK	74.0	-26.9	1.51 V	124	33.5	13.6
8	15780.00	34.8 AV	54.0	-19.2	1.51 V	124	21.2	13.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	103.3 PK			1.50 H	130	99.2	4.1
2	*5300.00	91.6 AV			1.50 H	130	87.5	4.1
3	10600.00	49.7 PK	74.0	-24.3	1.63 H	206	36.2	13.5
4	10600.00	34.9 AV	54.0	-19.1	1.63 H	206	21.4	13.5
5	15900.00	48.7 PK	74.0	-25.3	1.56 H	96	35.8	12.9
6	15900.00	35.7 AV	54.0	-18.3	1.56 H	96	22.8	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	114.2 PK			1.56 V	2	110.1	4.1
2	*5300.00	102.2 AV			1.56 V	2	98.1	4.1
3	10600.00	48.1 PK	74.0	-25.9	1.56 V	157	34.6	13.5
4	10600.00	35.0 AV	54.0	-19.0	1.56 V	157	21.5	13.5
5	15900.00	48.7 PK	74.0	-25.3	1.66 V	302	35.8	12.9
6	15900.00	36.6 AV	54.0	-17.4	1.66 V	302	23.7	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	102.8 PK			1.49 H	137	98.7	4.1
2	*5320.00	91.5 AV			1.49 H	137	87.4	4.1
3	5350.00	50.9 PK	74.0	-23.1	1.49 H	137	46.8	4.1
4	5350.00	37.5 AV	54.0	-16.5	1.49 H	137	33.4	4.1
5	10640.00	47.2 PK	74.0	-26.8	1.64 H	103	33.7	13.5
6	10640.00	34.2 AV	54.0	-19.8	1.64 H	103	20.7	13.5
7	15960.00	48.6 PK	74.0	-25.4	1.62 H	62	35.7	12.9
8	15960.00	34.5 AV	54.0	-19.5	1.62 H	62	21.6	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	114.5 PK			1.70 V	259	110.4	4.1
2	*5320.00	102.9 AV			1.70 V	259	98.8	4.1
3	5350.00	61.4 PK	74.0	-12.6	1.70 V	259	57.3	4.1
4	5350.00	46.5 AV	54.0	-7.5	1.70 V	259	42.4	4.1
5	10640.00	47.3 PK	74.0	-26.7	1.62 V	304	33.8	13.5
6	10640.00	34.3 AV	54.0	-19.7	1.62 V	304	20.8	13.5
7	15960.00	47.9 PK	74.0	-26.1	1.52 V	205	35.0	12.9
8	15960.00	34.9 AV	54.0	-19.1	1.52 V	205	22.0	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	51.4 PK	74.0	-22.6	1.41 H	360	47.2	4.2
2	#5470.00	38.3 AV	54.0	-15.7	1.41 H	360	34.1	4.2
3	*5500.00	102.6 PK			1.41 H	360	98.4	4.2
4	*5500.00	90.5 AV			1.41 H	360	86.3	4.2
5	11000.00	50.3 PK	74.0	-23.7	1.58 H	40	36.2	14.1
6	11000.00	38.7 AV	54.0	-15.3	1.58 H	40	24.6	14.1
7	#16500.00	48.5 PK	74.0	-25.5	1.62 H	175	34.0	14.5
8	#16500.00	36.5 AV	54.0	-17.5	1.62 H	175	22.0	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	62.1 PK	74.0	-11.9	1.42 V	346	57.9	4.2
2	#5470.00	45.4 AV	54.0	-8.6	1.42 V	346	41.2	4.2
3	*5500.00	113.3 PK			1.42 V	346	109.1	4.2
4	*5500.00	101.1 AV			1.42 V	346	96.9	4.2
5	11000.00	52.7 PK	74.0	-21.3	1.95 V	121	38.6	14.1
6	11000.00	38.7 AV	54.0	-15.3	1.95 V	121	24.6	14.1
7	#16500.00	50.6 PK	74.0	-23.4	1.93 V	108	36.1	14.5
8	#16500.00	37.9 AV	54.0	-16.1	1.93 V	108	23.4	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	104.2 PK			1.53 H	360	100.0	4.2
2	*5580.00	91.9 AV			1.53 H	360	87.7	4.2
3	11160.00	48.3 PK	74.0	-25.7	1.74 H	255	34.6	13.7
4	11160.00	36.2 AV	54.0	-17.8	1.74 H	255	22.5	13.7
5	#16740.00	50.6 PK	74.0	-23.4	1.62 H	303	34.9	15.7
6	#16740.00	37.5 AV	54.0	-16.5	1.62 H	303	21.8	15.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	113.4 PK			1.45 V	345	109.2	4.2
2	*5580.00	101.4 AV			1.45 V	345	97.2	4.2
3	11160.00	48.9 PK	74.0	-25.1	1.76 V	288	35.2	13.7
4	11160.00	36.1 AV	54.0	-17.9	1.76 V	288	22.4	13.7
5	#16740.00	49.3 PK	74.0	-24.7	1.63 V	151	33.6	15.7
6	#16740.00	37.2 AV	54.0	-16.8	1.63 V	151	21.5	15.7

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	103.8 PK			1.50 H	360	99.3	4.5
2	*5700.00	92.1 AV			1.50 H	360	87.6	4.5
3	#5725.00	53.4 PK	74.0	-20.6	1.50 H	360	49.0	4.4
4	#5725.00	38.2 AV	54.0	-15.8	1.50 H	360	33.8	4.4
5	11400.00	48.1 PK	74.0	-25.9	1.42 H	215	34.5	13.6
6	11400.00	36.3 AV	54.0	-17.7	1.42 H	215	22.7	13.6
7	#17100.00	53.2 PK	74.0	-20.8	1.64 H	360	35.8	17.4
8	#17100.00	39.6 AV	54.0	-14.4	1.64 H	360	22.2	17.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	113.6 PK			1.55 V	342	109.1	4.5
2	*5700.00	101.1 AV			1.55 V	342	96.6	4.5
3	#5725.00	68.5 PK	74.0	-5.5	1.55 V	342	64.1	4.4
4	#5725.00	46.9 AV	54.0	-7.1	1.55 V	342	42.5	4.4
5	11400.00	48.4 PK	74.0	-25.6	1.48 V	78	34.8	13.6
6	11400.00	39.0 AV	54.0	-15.0	1.48 V	78	25.4	13.6
7	#17100.00	53.1 PK	74.0	-20.9	1.54 V	261	35.7	17.4
8	#17100.00	39.6 AV	54.0	-14.4	1.54 V	261	22.2	17.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	53.9 PK	74.0	-20.1	1.53 H	358	49.9	4.0
2	#5470.00	38.7 AV	54.0	-15.3	1.53 H	358	34.7	4.0
3	*5720.00	104.2 PK			1.52 H	358	100.0	4.2
4	*5720.00	92.4 AV			1.52 H	358	88.2	4.2
5	#5850.00	50.8 PK	74.0	-23.2	1.36 H	358	46.2	4.6
6	#5850.00	38.0 AV	54.0	-16.0	1.36 H	358	33.4	4.6
7	11440.00	47.5 PK	74.0	-26.5	1.40 H	222	33.7	13.8
8	11440.00	35.9 AV	54.0	-18.1	1.40 H	222	22.1	13.8
9	#17160.00	53.1 PK	74.0	-20.9	1.66 H	360	36.7	16.4
10	#17160.00	39.3 AV	54.0	-14.7	1.66 H	360	22.9	16.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	68.9 PK	74.0	-5.1	1.57 V	346	64.9	4.0
2	#5470.00	47.3 AV	54.0	-6.7	1.57 V	346	43.3	4.0
3	*5720.00	113.4 PK			1.59 V	345	109.2	4.2
4	*5720.00	101.1 AV			1.59 V	345	96.9	4.2
5	#5850.00	62.1 PK	74.0	-11.9	1.36 V	355	57.5	4.6
6	#5850.00	45.6 AV	54.0	-8.4	1.36 V	355	41.0	4.6
7	11440.00	48.5 PK	74.0	-25.5	1.46 V	68	34.7	13.8
8	11440.00	39.4 AV	54.0	-14.6	1.46 V	68	25.6	13.8
9	#17160.00	52.5 PK	74.0	-21.5	1.59 V	261	36.1	16.4
10	#17160.00	39.3 AV	54.0	-14.7	1.59 V	261	22.9	16.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very 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 54	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	49.6 PK	74.0	-24.4	1.52 H	130	45.9	3.7
2	5150.00	36.3 AV	54.0	-17.7	1.52 H	130	32.6	3.7
3	*5270.00	101.3 PK			1.52 H	130	97.3	4.0
4	*5270.00	90.9 AV			1.52 H	130	86.9	4.0
5	#10540.00	46.7 PK	74.0	-27.3	1.64 H	288	33.4	13.3
6	#10540.00	35.3 AV	54.0	-18.7	1.64 H	288	22.0	13.3
7	15810.00	47.9 PK	74.0	-26.1	1.53 H	302	34.5	13.4
8	15810.00	35.7 AV	54.0	-18.3	1.53 H	302	22.3	13.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	53.1 PK	74.0	-20.9	1.82 V	263	49.4	3.7
2	5150.00	41.2 AV	54.0	-12.8	1.82 V	263	37.5	3.7
3	*5270.00	111.6 PK			1.82 V	263	107.6	4.0
4	*5270.00	99.6 AV			1.82 V	263	95.6	4.0
5	#10540.00	47.3 PK	74.0	-26.7	1.66 V	18	34.0	13.3
6	#10540.00	35.1 AV	54.0	-18.9	1.66 V	18	21.8	13.3
7	15810.00	48.4 PK	74.0	-25.6	1.58 V	326	35.0	13.4
8	15810.00	35.9 AV	54.0	-18.1	1.58 V	326	22.5	13.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	101.1 PK			1.43 H	129	97.0	4.1
2	*5310.00	90.4 AV			1.43 H	129	86.3	4.1
3	5350.00	60.5 PK	74.0	-13.5	1.43 H	129	56.4	4.1
4	5350.00	43.6 AV	54.0	-10.4	1.43 H	129	39.5	4.1
5	10620.00	48.5 PK	74.0	-25.5	1.56 H	54	35.0	13.5
6	10620.00	34.7 AV	54.0	-19.3	1.56 H	54	21.2	13.5
7	15930.00	49.2 PK	74.0	-24.8	1.63 H	320	36.4	12.8
8	15930.00	35.5 AV	54.0	-18.5	1.63 H	320	22.7	12.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	111.4 PK			1.56 V	0	107.3	4.1
2	*5310.00	99.3 AV			1.56 V	0	95.2	4.1
3	5350.00	71.7 PK	74.0	-2.3	1.56 V	0	67.6	4.1
4	5350.00	53.7 AV	54.0	-0.3	1.56 V	0	49.6	4.1
5	10620.00	47.8 PK	74.0	-26.2	1.78 V	88	34.3	13.5
6	10620.00	34.8 AV	54.0	-19.2	1.78 V	88	21.3	13.5
7	15930.00	48.7 PK	74.0	-25.3	1.56 V	37	35.9	12.8
8	15930.00	36.6 AV	54.0	-17.4	1.56 V	37	23.8	12.8

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	59.1 PK	74.0	-14.9	1.55 H	127	54.9	4.2
2	#5470.00	40.1 AV	54.0	-13.9	1.55 H	127	35.9	4.2
3	*5510.00	100.8 PK			1.55 H	127	96.6	4.2
4	*5510.00	90.0 AV			1.55 H	127	85.8	4.2
5	11020.00	49.3 PK	74.0	-24.7	1.76 H	322	35.3	14.0
6	11020.00	37.0 AV	54.0	-17.0	1.76 H	322	23.0	14.0
7	#16530.00	49.2 PK	74.0	-24.8	1.71 H	101	34.3	14.9
8	#16530.00	36.4 AV	54.0	-17.6	1.71 H	101	21.5	14.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	68.9 PK	74.0	-5.1	1.36 V	343	64.7	4.2
2	#5470.00	49.2 AV	54.0	-4.8	1.36 V	343	45.0	4.2
3	*5510.00	111.1 PK			1.36 V	343	106.9	4.2
4	*5510.00	100.9 AV			1.36 V	343	96.7	4.2
5	11020.00	49.7 PK	74.0	-24.3	1.59 V	321	35.7	14.0
6	11020.00	37.2 AV	54.0	-16.8	1.59 V	321	23.2	14.0
7	#16530.00	49.3 PK	74.0	-24.7	1.66 V	154	34.4	14.9
8	#16530.00	37.1 AV	54.0	-16.9	1.66 V	154	22.2	14.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	101.3 PK			1.40 H	360	97.1	4.2
2	*5550.00	90.1 AV			1.40 H	360	85.9	4.2
3	11100.00	49.4 PK	74.0	-24.6	1.52 H	105	35.6	13.8
4	11100.00	35.3 AV	54.0	-18.7	1.52 H	105	21.5	13.8
5	#16650.00	49.7 PK	74.0	-24.3	1.74 H	32	34.1	15.6
6	#16650.00	36.9 AV	54.0	-17.1	1.74 H	32	21.3	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	111.2 PK			1.37 V	342	107.0	4.2
2	*5550.00	100.8 AV			1.37 V	342	96.6	4.2
3	11100.00	48.4 PK	74.0	-25.6	1.56 V	150	34.6	13.8
4	11100.00	36.1 AV	54.0	-17.9	1.56 V	150	22.3	13.8
5	#16650.00	49.6 PK	74.0	-24.4	1.44 V	102	34.0	15.6
6	#16650.00	36.7 AV	54.0	-17.3	1.44 V	102	21.1	15.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	100.9 PK			1.59 H	360	96.6	4.3
2	*5670.00	91.4 AV			1.59 H	360	87.1	4.3
3	#5725.00	55.4 PK	74.0	-18.6	1.59 H	360	51.0	4.4
4	#5725.00	41.5 AV	54.0	-12.5	1.59 H	360	37.1	4.4
5	11340.00	48.6 PK	74.0	-25.4	1.74 H	213	35.0	13.6
6	11340.00	36.4 AV	54.0	-17.6	1.74 H	213	22.8	13.6
7	#17010.00	52.1 PK	74.0	-21.9	1.65 H	12	35.0	17.1
8	#17010.00	38.9 AV	54.0	-15.1	1.65 H	12	21.8	17.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	111.6 PK			1.73 V	341	107.3	4.3
2	*5670.00	102.0 AV			1.73 V	341	97.7	4.3
3	#5725.00	68.9 PK	74.0	-5.1	1.73 V	341	64.5	4.4
4	#5725.00	48.7 AV	54.0	-5.3	1.73 V	341	44.3	4.4
5	11340.00	48.9 PK	74.0	-25.1	1.52 V	301	35.3	13.6
6	11340.00	37.3 AV	54.0	-16.7	1.52 V	301	23.7	13.6
7	#17010.00	51.6 PK	74.0	-22.4	1.66 V	203	34.5	17.1
8	#17010.00	38.9 AV	54.0	-15.1	1.66 V	203	21.8	17.1

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	55.8 PK	74.0	-18.2	1.56 H	360	51.8	4.0
2	#5470.00	41.8 AV	54.0	-12.2	1.56 H	360	37.8	4.0
3	*5710.00	100.5 PK			1.58 H	360	96.2	4.3
4	*5710.00	91.0 AV			1.58 H	360	86.7	4.3
5	#5850.00	58.8 PK	74.0	-15.2	1.50 H	120	54.2	4.6
6	#5850.00	40.1 AV	54.0	-13.9	1.50 H	120	35.5	4.6
7	11420.00	48.7 PK	74.0	-25.3	1.68 H	222	34.9	13.8
8	11420.00	36.8 AV	54.0	-17.2	1.68 H	222	23.0	13.8
9	#17130.00	52.3 PK	74.0	-21.7	1.66 H	10	35.8	16.5
10	#17130.00	39.2 AV	54.0	-14.8	1.66 H	10	22.7	16.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	68.9 PK	74.0	-5.1	1.79 V	332	64.9	4.0
2	#5470.00	48.8 AV	54.0	-5.2	1.79 V	332	44.8	4.0
3	*5710.00	111.8 PK			1.73 V	349	107.5	4.3
4	*5710.00	101.9 AV			1.73 V	349	97.6	4.3
5	#5850.00	69.6 PK	74.0	-4.4	1.32 V	328	65.0	4.6
6	#5850.00	49.6 AV	54.0	-4.4	1.32 V	328	45.0	4.6
7	11420.00	49.1 PK	74.0	-24.9	1.55 V	287	35.3	13.8
8	11420.00	37.4 AV	54.0	-16.6	1.55 V	287	23.6	13.8
9	#17130.00	51.8 PK	74.0	-22.2	1.66 V	211	35.3	16.5
10	#17130.00	39.2 AV	54.0	-14.8	1.66 V	211	22.7	16.5

REMARKS:

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

802.11ac (VHT80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	51.5 PK	74.0	-22.5	1.47 H	131	47.8	3.7
2	5150.00	36.3 AV	54.0	-17.7	1.47 H	131	32.6	3.7
3	*5290.00	95.3 PK			1.47 H	131	91.2	4.1
4	*5290.00	85.9 AV			1.47 H	131	81.8	4.1
5	5350.00	56.5 PK	74.0	-17.5	1.47 H	131	52.4	4.1
6	5350.00	43.2 AV	54.0	-10.8	1.47 H	131	39.1	4.1
7	#10580.00	48.1 PK	74.0	-25.9	1.53 H	232	34.7	13.4
8	#10580.00	35.9 AV	54.0	-18.1	1.53 H	232	22.5	13.4
9	15870.00	48.2 PK	74.0	-25.8	1.66 H	321	35.2	13.0
10	15870.00	36.1 AV	54.0	-17.9	1.66 H	321	23.1	13.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	53.2 PK	74.0	-20.8	1.52 V	0	49.5	3.7
2	5150.00	40.3 AV	54.0	-13.7	1.52 V	0	36.6	3.7
3	*5290.00	106.1 PK			1.52 V	0	102.0	4.1
4	*5290.00	95.5 AV			1.52 V	0	91.4	4.1
5	5350.00	65.6 PK	74.0	-8.4	1.52 V	0	61.5	4.1
6	**5350.00**	**53.9 AV**	**54.0**	**-0.1**	**1.52 V**	**0**	**49.8**	**4.1**
7	#10580.00	47.8 PK	74.0	-26.2	1.56 V	133	34.4	13.4
8	#10580.00	35.8 AV	54.0	-18.2	1.56 V	133	22.4	13.4
9	15870.00	48.1 PK	74.0	-25.9	1.65 V	184	35.1	13.0
10	15870.00	36.6 AV	54.0	-17.4	1.65 V	184	23.6	13.0

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	60.2 PK	74.0	-13.8	2.27 H	360	56.0	4.2
2	#5470.00	42.9 AV	54.0	-11.1	2.27 H	360	38.7	4.2
3	*5530.00	97.6 PK			2.27 H	360	93.4	4.2
4	*5530.00	88.3 AV			2.27 H	360	84.1	4.2
5	#5725.00	50.9 PK	74.0	-23.1	2.27 H	360	46.5	4.4
6	#5725.00	39.3 AV	54.0	-14.7	2.27 H	360	34.9	4.4
7	11060.00	49.6 PK	74.0	-24.4	1.56 H	109	35.7	13.9
8	11060.00	37.2 AV	54.0	-16.8	1.56 H	109	23.3	13.9
9	#16590.00	50.6 PK	74.0	-23.4	1.67 H	332	35.0	15.6
10	#16590.00	37.5 AV	54.0	-16.5	1.67 H	332	21.9	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	70.9 PK	74.0	-3.1	1.94 V	336	66.7	4.2
2	#5470.00	52.2 AV	54.0	-1.8	1.94 V	336	48.0	4.2
3	*5530.00	108.0 PK			1.94 V	336	103.8	4.2
4	*5530.00	98.6 AV			1.94 V	336	94.4	4.2
5	#5725.00	53.8 PK	74.0	-20.2	1.94 V	336	49.4	4.4
6	#5725.00	41.6 AV	54.0	-12.4	1.94 V	336	37.2	4.4
7	11060.00	49.7 PK	74.0	-24.3	1.66 V	115	35.8	13.9
8	11060.00	37.2 AV	54.0	-16.8	1.66 V	115	23.3	13.9
9	#16590.00	49.9 PK	74.0	-24.1	1.56 V	32	34.3	15.6
10	#16590.00	37.7 AV	54.0	-16.3	1.56 V	32	22.1	15.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	98.5 PK			1.33 H	18	94.1	4.4
2	*5610.00	88.2 AV			1.33 H	18	83.8	4.4
3	#5725.00	51.2 PK	74.0	-22.8	1.33 H	18	46.8	4.4
4	#5725.00	39.5 AV	54.0	-14.5	1.33 H	18	35.1	4.4
5	11220.00	48.2 PK	74.0	-25.8	1.53 H	201	34.5	13.7
6	11220.00	35.1 AV	54.0	-18.9	1.53 H	201	21.4	13.7
7	#16830.00	51.4 PK	74.0	-22.6	1.65 H	336	35.5	15.9
8	#16830.00	38.1 AV	54.0	-15.9	1.65 H	336	22.2	15.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	108.9 PK			1.48 V	343	104.5	4.4
2	*5610.00	98.6 AV			1.48 V	343	94.2	4.4
3	#5725.00	65.9 PK	74.0	-8.1	1.48 V	343	61.5	4.4
4	#5725.00	48.5 AV	54.0	-5.5	1.48 V	343	44.1	4.4
5	11220.00	48.4 PK	74.0	-25.6	1.53 V	223	34.7	13.7
6	11220.00	35.7 AV	54.0	-18.3	1.53 V	223	22.0	13.7
7	#16830.00	51.4 PK	74.0	-22.6	1.78 V	180	35.5	15.9
8	#16830.00	38.1 AV	54.0	-15.9	1.78 V	180	22.2	15.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	51.4 PK	74.0	-22.6	1.29 H	22	47.4	4.0
2	#5470.00	39.5 AV	54.0	-14.5	1.29 H	22	35.5	4.0
3	*5690.00	98.2 PK			1.29 H	22	94.0	4.2
4	*5690.00	88.0 AV			1.29 H	22	83.8	4.2
5	#5850.00	60.3 PK	74.0	-13.7	1.29 H	22	55.7	4.6
6	#5850.00	43.2 AV	54.0	-10.8	1.29 H	22	38.6	4.6
7	11380.00	48.2 PK	74.0	-25.8	1.50 H	197	34.5	13.7
8	11380.00	35.1 AV	54.0	-18.9	1.50 H	197	21.4	13.7
9	#17070.00	51.8 PK	74.0	-22.2	1.70 H	328	35.2	16.6
10	#17070.00	38.5 AV	54.0	-15.5	1.70 H	328	21.9	16.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	66.2 PK	74.0	-7.8	1.46 V	343	62.2	4.0
2	#5470.00	48.7 AV	54.0	-5.3	1.46 V	343	44.7	4.0
3	*5690.00	109.1 PK			1.46 V	343	104.9	4.2
4	*5690.00	99.1 AV			1.46 V	343	94.9	4.2
5	#5850.00	71.0 PK	74.0	-3.0	1.46 V	343	66.4	4.6
6	#5850.00	52.4 AV	54.0	-1.6	1.46 V	343	47.8	4.6
7	11380.00	48.2 PK	74.0	-25.8	1.55 V	226	34.5	13.7
8	11380.00	35.6 AV	54.0	-18.4	1.55 V	226	21.9	13.7
9	#17070.00	51.2 PK	74.0	-22.8	1.74 V	169	34.6	16.6
10	#17070.00	37.9 AV	54.0	-16.1	1.74 V	169	21.3	16.6

REMARKS:

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

Below 1GHz Data:

802.11ac (VHT20)

CHANNEL	TX Channel 140	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	88.98	32.9 QP	43.5	-10.6	2.00 H	360	47.0	-14.1
2	115.09	32.9 QP	43.5	-10.6	3.00 H	271	43.5	-10.6
3	224.19	32.0 QP	46.0	-14.0	2.00 H	315	43.0	-11.0
4	344.72	35.0 QP	46.0	-11.0	1.00 H	293	41.5	-6.5
5	398.14	37.2 QP	46.0	-8.8	3.00 H	176	42.6	-5.4
6	474.26	34.4 QP	46.0	-11.6	3.00 H	125	37.9	-3.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	38.17	36.2 QP	40.0	-3.8	1.00 V	120	44.9	-8.7
2	114.20	33.5 QP	43.5	-10.0	1.00 V	360	44.2	-10.7
3	223.73	29.7 QP	46.0	-16.3	1.00 V	208	40.8	-11.1
4	351.31	40.5 QP	46.0	-5.5	1.00 V	360	47.0	-6.5
5	391.93	37.7 QP	46.0	-8.3	1.00 V	48	43.3	-5.6
6	482.17	35.7 QP	46.0	-10.3	1.00 V	51	39.1	-3.4

REMARKS:

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

PIFA Antenna

Above 1GHz Data:

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	51.5 PK	74.0	-22.5	1.48 H	38	47.8	3.7
2	5150.00	38.8 AV	54.0	-15.2	1.48 H	38	35.1	3.7
3	*5260.00	112.8 PK			1.48 H	38	108.8	4.0
4	*5260.00	103.2 AV			1.48 H	38	99.2	4.0
5	#10520.00	49.0 PK	74.0	-25.0	2.07 H	3	35.8	13.2
6	#10520.00	36.0 AV	54.0	-18.0	2.07 H	3	22.8	13.2
7	15780.00	57.0 PK	74.0	-17.0	2.27 H	342	43.4	13.6
8	15780.00	44.5 AV	54.0	-9.5	2.27 H	342	30.9	13.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	50.7 PK	74.0	-23.3	3.52 V	307	47.0	3.7
2	5150.00	38.0 AV	54.0	-16.0	3.52 V	307	34.3	3.7
3	*5260.00	111.4 PK			3.52 V	307	107.4	4.0
4	*5260.00	101.4 AV			3.52 V	307	97.4	4.0
5	#10520.00	45.7 PK	74.0	-28.3	1.74 V	109	32.5	13.2
6	#10520.00	33.3 AV	54.0	-20.7	1.74 V	109	20.1	13.2
7	15780.00	56.0 PK	74.0	-18.0	3.13 V	306	42.4	13.6
8	15780.00	43.3 AV	54.0	-10.7	3.13 V	306	29.7	13.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	113.1 PK			1.46 H	36	109.0	4.1
2	*5300.00	103.0 AV			1.46 H	36	98.9	4.1
3	10600.00	49.0 PK	74.0	-25.0	2.05 H	12	35.5	13.5
4	10600.00	35.9 AV	54.0	-18.1	2.05 H	12	22.4	13.5
5	15900.00	56.9 PK	74.0	-17.1	2.27 H	334	44.0	12.9
6	15900.00	44.4 AV	54.0	-9.6	2.27 H	334	31.5	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	111.7 PK			3.50 V	309	107.6	4.1
2	*5300.00	101.2 AV			3.50 V	309	97.1	4.1
3	10600.00	45.3 PK	74.0	-28.7	1.75 V	135	31.8	13.5
4	10600.00	33.3 AV	54.0	-20.7	1.75 V	135	19.8	13.5
5	15900.00	56.4 PK	74.0	-17.6	3.14 V	299	43.5	12.9
6	15900.00	43.7 AV	54.0	-10.3	3.14 V	299	30.8	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	113.2 PK			1.50 H	36	109.1	4.1
2	*5320.00	103.2 AV			1.50 H	36	99.1	4.1
3	5350.00	68.9 PK	74.0	-5.1	1.50 H	36	64.8	4.1
4	5350.00	53.1 AV	54.0	-0.9	1.50 H	36	49.0	4.1
5	10640.00	48.9 PK	74.0	-25.1	2.08 H	6	35.4	13.5
6	10640.00	35.7 AV	54.0	-18.3	2.08 H	6	22.2	13.5
7	15960.00	56.6 PK	74.0	-17.4	2.31 H	335	43.7	12.9
8	15960.00	44.4 AV	54.0	-9.6	2.31 H	335	31.5	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	111.8 PK			3.52 V	319	107.7	4.1
2	*5320.00	101.4 AV			3.52 V	319	97.3	4.1
3	5350.00	68.1 PK	74.0	-5.9	3.52 V	319	64.0	4.1
4	5350.00	52.3 AV	54.0	-1.7	3.52 V	319	48.2	4.1
5	10640.00	45.4 PK	74.0	-28.6	1.68 V	108	31.9	13.5
6	10640.00	33.3 AV	54.0	-20.7	1.68 V	108	19.8	13.5
7	15960.00	56.8 PK	74.0	-17.2	3.14 V	312	43.9	12.9
8	15960.00	44.0 AV	54.0	-10.0	3.14 V	312	31.1	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	71.9 PK	74.0	-2.1	1.38 H	64	67.7	4.2
2	#5470.00	49.5 AV	54.0	-4.5	1.38 H	64	45.3	4.2
3	*5500.00	113.5 PK			1.38 H	64	109.3	4.2
4	*5500.00	103.7 AV			1.38 H	64	99.5	4.2
5	11000.00	49.0 PK	74.0	-25.0	1.99 H	16	34.9	14.1
6	11000.00	35.9 AV	54.0	-18.1	1.99 H	16	21.8	14.1
7	#16500.00	57.0 PK	74.0	-17.0	2.33 H	318	42.5	14.5
8	#16500.00	44.5 AV	54.0	-9.5	2.33 H	318	30.0	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	71.1 PK	74.0	-2.9	3.55 V	310	66.9	4.2
2	#5470.00	48.7 AV	54.0	-5.3	3.55 V	310	44.5	4.2
3	*5500.00	112.1 PK			3.55 V	310	107.9	4.2
4	*5500.00	101.9 AV			3.55 V	310	97.7	4.2
5	11000.00	46.0 PK	74.0	-28.0	1.72 V	114	31.9	14.1
6	11000.00	34.1 AV	54.0	-19.9	1.72 V	114	20.0	14.1
7	#16500.00	55.4 PK	74.0	-18.6	3.18 V	314	40.9	14.5
8	#16500.00	43.0 AV	54.0	-11.0	3.18 V	314	28.5	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	113.9 PK			1.39 H	65	109.7	4.2
2	*5580.00	103.9 AV			1.39 H	65	99.7	4.2
3	11160.00	49.5 PK	74.0	-24.5	2.08 H	25	35.8	13.7
4	11160.00	36.2 AV	54.0	-17.8	2.08 H	25	22.5	13.7
5	#16740.00	57.3 PK	74.0	-16.7	2.29 H	329	41.6	15.7
6	#16740.00	44.9 AV	54.0	-9.1	2.29 H	329	29.2	15.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	112.5 PK			3.60 V	300	108.3	4.2
2	*5580.00	102.1 AV			3.60 V	300	97.9	4.2
3	11160.00	45.4 PK	74.0	-28.6	1.66 V	125	31.7	13.7
4	11160.00	33.4 AV	54.0	-20.6	1.66 V	125	19.7	13.7
5	#16740.00	56.4 PK	74.0	-17.6	3.09 V	312	40.7	15.7
6	#16740.00	43.7 AV	54.0	-10.3	3.09 V	312	28.0	15.7

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	113.8 PK			1.47 H	63	109.3	4.5
2	*5700.00	103.5 AV			1.47 H	63	99.0	4.5
3	#5725.00	68.4 PK	74.0	-5.6	1.47 H	63	64.0	4.4
4	#5725.00	53.0 AV	54.0	-1.0	1.47 H	63	48.6	4.4
5	11400.00	48.7 PK	74.0	-25.3	2.00 H	4	35.1	13.6
6	11400.00	35.7 AV	54.0	-18.3	2.00 H	4	22.1	13.6
7	#17100.00	56.4 PK	74.0	-17.6	2.33 H	322	39.0	17.4
8	#17100.00	44.3 AV	54.0	-9.7	2.33 H	322	26.9	17.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	112.4 PK			3.50 V	321	107.9	4.5
2	*5700.00	101.7 AV			3.50 V	321	97.2	4.5
3	#5725.00	67.6 PK	74.0	-6.4	3.50 V	321	63.2	4.4
4	#5725.00	52.2 AV	54.0	-1.8	3.50 V	321	47.8	4.4
5	11400.00	45.3 PK	74.0	-28.7	1.75 V	134	31.7	13.6
6	11400.00	33.2 AV	54.0	-20.8	1.75 V	134	19.6	13.6
7	#17100.00	56.2 PK	74.0	-17.8	3.13 V	313	38.8	17.4
8	#17100.00	43.6 AV	54.0	-10.4	3.13 V	313	26.2	17.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	50.7 PK	74.0	-23.3	1.45 H	63	46.7	4.0
2	#5470.00	38.4 AV	54.0	-15.6	1.45 H	63	34.4	4.0
3	*5720.00	113.9 PK			1.45 H	63	109.7	4.2
4	*5720.00	103.7 AV			1.45 H	63	99.5	4.2
5	#5850.00	66.8 PK	74.0	-7.2	1.45 H	63	62.2	4.6
6	#5850.00	51.4 AV	54.0	-2.6	1.45 H	63	46.8	4.6
7	11440.00	49.0 PK	74.0	-25.0	1.96 H	5	35.2	13.8
8	11440.00	36.1 AV	54.0	-17.9	1.96 H	5	22.3	13.8
9	#17160.00	57.0 PK	74.0	-17.0	2.34 H	332	40.6	16.4
10	#17160.00	44.6 AV	54.0	-9.4	2.34 H	332	28.2	16.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	50.3 PK	74.0	-23.7	3.53 V	314	46.3	4.0
2	#5470.00	38.1 AV	54.0	-15.9	3.53 V	314	34.1	4.0
3	*5720.00	112.5 PK			3.53 V	314	108.3	4.2
4	*5720.00	101.9 AV			3.53 V	314	97.7	4.2
5	#5850.00	65.6 PK	74.0	-8.4	3.53 V	314	61.0	4.6
6	#5850.00	50.1 AV	54.0	-3.9	3.53 V	314	45.5	4.6
7	11440.00	45.2 PK	74.0	-28.8	1.69 V	140	31.4	13.8
8	11440.00	33.4 AV	54.0	-20.6	1.69 V	140	19.6	13.8
9	#17160.00	56.6 PK	74.0	-17.4	3.13 V	302	40.2	16.4
10	#17160.00	44.0 AV	54.0	-10.0	3.13 V	302	27.6	16.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very 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 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	51.0 PK	74.0	-23.0	1.70 H	346	47.3	3.7
2	5150.00	38.7 AV	54.0	-15.3	1.70 H	346	35.0	3.7
3	*5260.00	112.1 PK			1.70 H	346	108.1	4.0
4	*5260.00	102.1 AV			1.70 H	346	98.1	4.0
5	#10520.00	48.8 PK	74.0	-25.2	2.03 H	15	35.6	13.2
6	#10520.00	35.7 AV	54.0	-18.3	2.03 H	15	22.5	13.2
7	15780.00	56.8 PK	74.0	-17.2	2.29 H	326	43.2	13.6
8	15780.00	44.5 AV	54.0	-9.5	2.29 H	326	30.9	13.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	50.2 PK	74.0	-23.8	3.54 V	301	46.5	3.7
2	5150.00	37.9 AV	54.0	-16.1	3.54 V	301	34.2	3.7
3	*5260.00	110.7 PK			3.54 V	301	106.7	4.0
4	*5260.00	100.3 AV			3.54 V	301	96.3	4.0
5	#10520.00	45.7 PK	74.0	-28.3	1.72 V	122	32.5	13.2
6	#10520.00	33.6 AV	54.0	-20.4	1.72 V	122	20.4	13.2
7	15780.00	56.1 PK	74.0	-17.9	3.15 V	305	42.5	13.6
8	15780.00	43.5 AV	54.0	-10.5	3.15 V	305	29.9	13.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	112.2 PK			1.72 H	346	108.1	4.1
2	*5300.00	102.0 AV			1.72 H	346	97.9	4.1
3	10600.00	47.5 PK	74.0	-26.5	1.98 H	14	34.0	13.5
4	10600.00	34.9 AV	54.0	-19.1	1.98 H	14	21.4	13.5
5	15900.00	56.3 PK	74.0	-17.7	2.20 H	331	43.4	12.9
6	15900.00	43.9 AV	54.0	-10.1	2.20 H	331	31.0	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	110.8 PK			3.50 V	323	106.7	4.1
2	*5300.00	100.2 AV			3.50 V	323	96.1	4.1
3	10600.00	45.7 PK	74.0	-28.3	1.75 V	114	32.2	13.5
4	10600.00	33.8 AV	54.0	-20.2	1.75 V	114	20.3	13.5
5	15900.00	56.3 PK	74.0	-17.7	3.17 V	314	43.4	12.9
6	15900.00	43.5 AV	54.0	-10.5	3.17 V	314	30.6	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	112.7 PK			1.68 H	346	108.6	4.1
2	*5320.00	102.1 AV			1.68 H	346	98.0	4.1
3	5350.00	70.6 PK	74.0	-3.4	1.68 H	346	66.5	4.1
4	5350.00	53.8 AV	54.0	-0.2	1.68 H	346	49.7	4.1
5	10640.00	47.8 PK	74.0	-26.2	1.93 H	28	34.3	13.5
6	10640.00	35.1 AV	54.0	-18.9	1.93 H	28	21.6	13.5
7	15960.00	57.4 PK	74.0	-16.6	2.26 H	351	44.5	12.9
8	15960.00	44.7 AV	54.0	-9.3	2.26 H	351	31.8	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	111.3 PK			3.56 V	298	107.2	4.1
2	*5320.00	100.3 AV			3.56 V	298	96.2	4.1
3	5350.00	69.8 PK	74.0	-4.2	3.56 V	298	65.7	4.1
4	5350.00	53.0 AV	54.0	-1.0	3.56 V	298	48.9	4.1
5	10640.00	45.2 PK	74.0	-28.8	1.66 V	133	31.7	13.5
6	10640.00	33.4 AV	54.0	-20.6	1.66 V	133	19.9	13.5
7	15960.00	56.1 PK	74.0	-17.9	3.13 V	305	43.2	12.9
8	15960.00	43.3 AV	54.0	-10.7	3.13 V	305	30.4	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	71.1 PK	74.0	-2.9	1.70 H	356	66.9	4.2
2	#5470.00	50.5 AV	54.0	-3.5	1.70 H	356	46.3	4.2
3	*5500.00	112.9 PK			1.70 H	356	108.7	4.2
4	*5500.00	102.1 AV			1.70 H	356	97.9	4.2
5	11000.00	47.5 PK	74.0	-26.5	1.96 H	31	33.4	14.1
6	11000.00	34.9 AV	54.0	-19.1	1.96 H	31	20.8	14.1
7	#16500.00	56.9 PK	74.0	-17.1	2.25 H	332	42.4	14.5
8	#16500.00	44.1 AV	54.0	-9.9	2.25 H	332	29.6	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	70.3 PK	74.0	-3.7	3.57 V	316	66.1	4.2
2	#5470.00	49.7 AV	54.0	-4.3	3.57 V	316	45.5	4.2
3	*5500.00	111.5 PK			3.57 V	316	107.3	4.2
4	*5500.00	100.3 AV			3.57 V	316	96.1	4.2
5	11000.00	46.0 PK	74.0	-28.0	1.76 V	132	31.9	14.1
6	11000.00	34.1 AV	54.0	-19.9	1.76 V	132	20.0	14.1
7	#16500.00	55.6 PK	74.0	-18.4	3.13 V	315	41.1	14.5
8	#16500.00	43.2 AV	54.0	-10.8	3.13 V	315	28.7	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	112.8 PK			1.69 H	356	108.6	4.2
2	*5580.00	102.3 AV			1.69 H	356	98.1	4.2
3	11160.00	48.1 PK	74.0	-25.9	1.93 H	17	34.4	13.7
4	11160.00	35.6 AV	54.0	-18.4	1.93 H	17	21.9	13.7
5	#16740.00	56.5 PK	74.0	-17.5	2.30 H	345	40.8	15.7
6	#16740.00	43.8 AV	54.0	-10.2	2.30 H	345	28.1	15.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	111.4 PK			3.52 V	301	107.2	4.2
2	*5580.00	100.5 AV			3.52 V	301	96.3	4.2
3	11160.00	45.6 PK	74.0	-28.4	1.67 V	126	31.9	13.7
4	11160.00	33.7 AV	54.0	-20.3	1.67 V	126	20.0	13.7
5	#16740.00	55.5 PK	74.0	-18.5	3.14 V	309	39.8	15.7
6	#16740.00	43.1 AV	54.0	-10.9	3.14 V	309	27.4	15.7

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	112.5 PK			1.66 H	360	108.0	4.5
2	*5700.00	102.8 AV			1.66 H	360	98.3	4.5
3	#5725.00	67.3 PK	74.0	-6.7	1.66 H	360	62.9	4.4
4	#5725.00	53.7 AV	54.0	-0.3	1.66 H	360	49.3	4.4
5	11400.00	48.0 PK	74.0	-26.0	1.97 H	34	34.4	13.6
6	11400.00	35.4 AV	54.0	-18.6	1.97 H	34	21.8	13.6
7	#17100.00	56.2 PK	74.0	-17.8	2.27 H	348	38.8	17.4
8	#17100.00	44.0 AV	54.0	-10.0	2.27 H	348	26.6	17.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	111.1 PK			3.60 V	298	106.6	4.5
2	*5700.00	101.0 AV			3.60 V	298	96.5	4.5
3	#5725.00	66.5 PK	74.0	-7.5	3.60 V	298	62.1	4.4
4	#5725.00	52.9 AV	54.0	-1.1	3.60 V	298	48.5	4.4
5	11400.00	45.8 PK	74.0	-28.2	1.68 V	127	32.2	13.6
6	11400.00	33.9 AV	54.0	-20.1	1.68 V	127	20.3	13.6
7	#17100.00	56.5 PK	74.0	-17.5	3.18 V	306	39.1	17.4
8	#17100.00	43.9 AV	54.0	-10.1	3.18 V	306	26.5	17.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	49.9 PK	74.0	-24.1	1.60 H	360	45.9	4.0
2	#5470.00	37.3 AV	54.0	-16.7	1.60 H	360	33.3	4.0
3	*5720.00	112.4 PK			1.60 H	360	108.2	4.2
4	*5720.00	102.5 AV			1.60 H	360	98.3	4.2
5	#5850.00	65.6 PK	74.0	-8.4	1.60 H	360	61.0	4.6
6	#5850.00	52.1 AV	54.0	-1.9	1.60 H	360	47.5	4.6
7	11440.00	47.9 PK	74.0	-26.1	2.02 H	44	34.1	13.8
8	11440.00	35.2 AV	54.0	-18.8	2.02 H	44	21.4	13.8
9	#17160.00	56.1 PK	74.0	-17.9	2.24 H	341	39.7	16.4
10	#17160.00	44.0 AV	54.0	-10.0	2.24 H	341	27.6	16.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	49.4 PK	74.0	-24.6	3.63 V	311	45.4	4.0
2	#5470.00	37.0 AV	54.0	-17.0	3.63 V	311	33.0	4.0
3	*5720.00	111.8 PK			3.63 V	311	107.6	4.2
4	*5720.00	101.4 AV			3.63 V	311	97.2	4.2
5	#5850.00	64.8 PK	74.0	-9.2	3.63 V	311	60.2	4.6
6	#5850.00	51.3 AV	54.0	-2.7	3.63 V	311	46.7	4.6
7	11440.00	45.9 PK	74.0	-28.1	1.64 V	131	32.1	13.8
8	11440.00	34.0 AV	54.0	-20.0	1.64 V	131	20.2	13.8
9	#17160.00	57.2 PK	74.0	-16.8	3.18 V	293	40.8	16.4
10	#17160.00	44.4 AV	54.0	-9.6	3.18 V	293	28.0	16.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very 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 54	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	49.8 PK	74.0	-24.2	1.51 H	26	46.1	3.7
2	5150.00	37.4 AV	54.0	-16.6	1.51 H	26	33.7	3.7
3	*5270.00	107.8 PK			1.51 H	26	103.8	4.0
4	*5270.00	97.7 AV			1.51 H	26	93.7	4.0
5	#10540.00	48.3 PK	74.0	-25.7	2.03 H	15	35.0	13.3
6	#10540.00	35.5 AV	54.0	-18.5	2.03 H	15	22.2	13.3
7	15810.00	56.9 PK	74.0	-17.1	2.29 H	323	43.5	13.4
8	15810.00	44.5 AV	54.0	-9.5	2.29 H	323	31.1	13.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	49.0 PK	74.0	-25.0	3.55 V	324	45.3	3.7
2	5150.00	36.6 AV	54.0	-17.4	3.55 V	324	32.9	3.7
3	*5270.00	106.4 PK			3.55 V	324	102.4	4.0
4	*5270.00	95.9 AV			3.55 V	324	91.9	4.0
5	#10540.00	46.0 PK	74.0	-28.0	1.77 V	114	32.7	13.3
6	#10540.00	33.9 AV	54.0	-20.1	1.77 V	114	20.6	13.3
7	15810.00	55.7 PK	74.0	-18.3	3.10 V	314	42.3	13.4
8	15810.00	43.1 AV	54.0	-10.9	3.10 V	314	29.7	13.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	106.0 PK			1.51 H	26	101.9	4.1
2	*5310.00	95.8 AV			1.51 H	26	91.7	4.1
3	5350.00	70.1 PK	74.0	-3.9	1.51 H	26	66.0	4.1
4	5350.00	53.0 AV	54.0	-1.0	1.51 H	26	48.9	4.1
5	10620.00	48.7 PK	74.0	-25.3	2.02 H	27	35.2	13.5
6	10620.00	35.8 AV	54.0	-18.2	2.02 H	27	22.3	13.5
7	15930.00	57.2 PK	74.0	-16.8	2.26 H	338	44.4	12.8
8	15930.00	44.5 AV	54.0	-9.5	2.26 H	338	31.7	12.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	104.6 PK			3.59 V	314	100.5	4.1
2	*5310.00	94.0 AV			3.59 V	314	89.9	4.1
3	5350.00	69.3 PK	74.0	-4.7	3.59 V	314	65.2	4.1
4	5350.00	52.2 AV	54.0	-1.8	3.59 V	314	48.1	4.1
5	10620.00	45.5 PK	74.0	-28.5	1.73 V	115	32.0	13.5
6	10620.00	33.4 AV	54.0	-20.6	1.73 V	115	19.9	13.5
7	15930.00	55.6 PK	74.0	-18.4	3.17 V	298	42.8	12.8
8	15930.00	43.1 AV	54.0	-10.9	3.17 V	298	30.3	12.8

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	72.8 PK	74.0	-1.2	1.44 H	27	68.6	4.2
2	#5470.00	53.0 AV	54.0	-1.0	1.44 H	27	48.8	4.2
3	*5510.00	106.5 PK			1.44 H	27	102.3	4.2
4	*5510.00	96.5 AV			1.44 H	27	92.3	4.2
5	11020.00	48.4 PK	74.0	-25.6	2.03 H	23	34.4	14.0
6	11020.00	35.5 AV	54.0	-18.5	2.03 H	23	21.5	14.0
7	#16530.00	56.7 PK	74.0	-17.3	2.24 H	335	41.8	14.9
8	#16530.00	44.1 AV	54.0	-9.9	2.24 H	335	29.2	14.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	72.0 PK	74.0	-2.0	3.49 V	305	67.8	4.2
2	#5470.00	52.2 AV	54.0	-1.8	3.49 V	305	48.0	4.2
3	*5510.00	105.1 PK			3.49 V	305	100.9	4.2
4	*5510.00	94.7 AV			3.49 V	305	90.5	4.2
5	11020.00	46.1 PK	74.0	-27.9	1.69 V	108	32.1	14.0
6	11020.00	33.9 AV	54.0	-20.1	1.69 V	108	19.9	14.0
7	#16530.00	55.6 PK	74.0	-18.4	3.17 V	313	40.7	14.9
8	#16530.00	43.2 AV	54.0	-10.8	3.17 V	313	28.3	14.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	108.4 PK			1.45 H	24	104.2	4.2
2	*5550.00	97.8 AV			1.45 H	24	93.6	4.2
3	11100.00	48.1 PK	74.0	-25.9	1.97 H	7	34.3	13.8
4	11100.00	35.1 AV	54.0	-18.9	1.97 H	7	21.3	13.8
5	#16650.00	57.1 PK	74.0	-16.9	2.25 H	329	41.5	15.6
6	#16650.00	44.4 AV	54.0	-9.6	2.25 H	329	28.8	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	107.0 PK			3.51 V	311	102.8	4.2
2	*5550.00	96.0 AV			3.51 V	311	91.8	4.2
3	11100.00	45.4 PK	74.0	-28.6	1.74 V	125	31.6	13.8
4	11100.00	33.4 AV	54.0	-20.6	1.74 V	125	19.6	13.8
5	#16650.00	56.4 PK	74.0	-17.6	3.14 V	302	40.8	15.6
6	#16650.00	43.7 AV	54.0	-10.3	3.14 V	302	28.1	15.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	106.8 PK			1.47 H	8	102.5	4.3
2	*5670.00	97.4 AV			1.47 H	8	93.1	4.3
3	#5725.00	68.1 PK	74.0	-5.9	1.47 H	8	63.7	4.4
4	#5725.00	52.8 AV	54.0	-1.2	1.47 H	8	48.4	4.4
5	11340.00	47.6 PK	74.0	-26.4	1.97 H	9	34.0	13.6
6	11340.00	35.0 AV	54.0	-19.0	1.97 H	9	21.4	13.6
7	#17010.00	57.0 PK	74.0	-17.0	2.29 H	331	39.9	17.1
8	#17010.00	44.8 AV	54.0	-9.2	2.29 H	331	27.7	17.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	105.4 PK			3.59 V	322	101.1	4.3
2	*5670.00	95.6 AV			3.59 V	322	91.3	4.3
3	#5725.00	67.3 PK	74.0	-6.7	3.59 V	322	62.9	4.4
4	#5725.00	52.0 AV	54.0	-2.0	3.59 V	322	47.6	4.4
5	11340.00	45.7 PK	74.0	-28.3	1.73 V	137	32.1	13.6
6	11340.00	33.9 AV	54.0	-20.1	1.73 V	137	20.3	13.6
7	#17010.00	55.8 PK	74.0	-18.2	3.20 V	311	38.7	17.1
8	#17010.00	43.0 AV	54.0	-11.0	3.20 V	311	25.9	17.1

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	57.6 PK	74.0	-16.4	1.51 H	12	53.6	4.0
2	#5470.00	44.8 AV	54.0	-9.2	1.51 H	12	40.8	4.0
3	*5710.00	106.9 PK			1.51 H	12	102.6	4.3
4	*5710.00	97.6 AV			1.51 H	12	93.3	4.3
5	#5850.00	68.6 PK	74.0	-5.4	1.51 H	12	64.0	4.6
6	#5850.00	53.0 AV	54.0	-1.0	1.51 H	12	48.4	4.6
7	11420.00	48.1 PK	74.0	-25.9	1.96 H	0	34.3	13.8
8	11420.00	35.3 AV	54.0	-18.7	1.96 H	0	21.5	13.8
9	#17130.00	56.6 PK	74.0	-17.4	2.26 H	324	40.1	16.5
10	#17130.00	44.7 AV	54.0	-9.3	2.26 H	324	28.2	16.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	56.2 PK	74.0	-17.8	3.61 V	326	52.2	4.0
2	#5470.00	43.3 AV	54.0	-10.7	3.61 V	326	39.3	4.0
3	*5710.00	105.8 PK			3.61 V	326	101.5	4.3
4	*5710.00	96.0 AV			3.61 V	326	91.7	4.3
5	#5850.00	67.7 PK	74.0	-6.3	3.61 V	326	63.1	4.6
6	#5850.00	52.3 AV	54.0	-1.7	3.61 V	326	47.7	4.6
7	11420.00	46.0 PK	74.0	-28.0	1.77 V	136	32.2	13.8
8	11420.00	34.4 AV	54.0	-19.6	1.77 V	136	20.6	13.8
9	#17130.00	56.2 PK	74.0	-17.8	3.17 V	324	39.7	16.5
10	#17130.00	43.4 AV	54.0	-10.6	3.17 V	324	26.9	16.5

REMARKS:

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

802.11ac (VHT80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	61.5 PK	74.0	-12.5	1.59 H	340	57.8	3.7
2	5150.00	46.6 AV	54.0	-7.4	1.59 H	340	42.9	3.7
3	*5290.00	102.6 PK			1.59 H	340	98.5	4.1
4	*5290.00	93.1 AV			1.59 H	340	89.0	4.1
5	5350.00	70.3 PK	74.0	-3.7	1.59 H	340	66.2	4.1
6	**5350.00**	**53.9 AV**	**54.0**	**-0.1**	**1.59 H**	**340**	**49.8**	**4.1**
7	#10580.00	48.5 PK	74.0	-25.5	1.95 H	25	35.1	13.4
8	#10580.00	35.7 AV	54.0	-18.3	1.95 H	25	22.3	13.4
9	15870.00	56.8 PK	74.0	-17.2	2.28 H	322	43.8	13.0
10	15870.00	44.5 AV	54.0	-9.5	2.28 H	322	31.5	13.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	60.7 PK	74.0	-13.3	3.50 V	318	57.0	3.7
2	5150.00	45.8 AV	54.0	-8.2	3.50 V	318	42.1	3.7
3	*5290.00	101.2 PK			3.50 V	318	97.1	4.1
4	*5290.00	91.3 AV			3.50 V	318	87.2	4.1
5	5350.00	69.5 PK	74.0	-4.5	3.50 V	318	65.4	4.1
6	5350.00	53.1 AV	54.0	-0.9	3.50 V	318	49.0	4.1
7	#10580.00	46.0 PK	74.0	-28.0	1.72 V	110	32.6	13.4
8	#10580.00	33.7 AV	54.0	-20.3	1.72 V	110	20.3	13.4
9	15870.00	56.1 PK	74.0	-17.9	3.16 V	300	43.1	13.0
10	15870.00	43.4 AV	54.0	-10.6	3.16 V	300	30.4	13.0

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	73.2 PK	74.0	-0.8	1.71 H	349	69.0	4.2
2	#5470.00	53.7 AV	54.0	-0.3	1.71 H	349	49.5	4.2
3	*5530.00	103.1 PK			1.71 H	349	98.9	4.2
4	*5530.00	93.6 AV			1.71 H	349	89.4	4.2
5	#5725.00	50.6 PK	74.0	-23.4	1.71 H	349	46.2	4.4
6	#5725.00	40.6 AV	54.0	-13.4	1.71 H	349	36.2	4.4
7	11060.00	48.1 PK	74.0	-25.9	2.00 H	26	34.2	13.9
8	11060.00	35.4 AV	54.0	-18.6	2.00 H	26	21.5	13.9
9	#16590.00	56.6 PK	74.0	-17.4	2.27 H	346	41.0	15.6
10	#16590.00	43.9 AV	54.0	-10.1	2.27 H	346	28.3	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	72.4 PK	74.0	-1.6	3.59 V	320	68.2	4.2
2	#5470.00	52.9 AV	54.0	-1.1	3.59 V	320	48.7	4.2
3	*5530.00	101.7 PK			3.59 V	320	97.5	4.2
4	*5530.00	91.8 AV			3.59 V	320	87.6	4.2
5	#5725.00	49.8 PK	74.0	-24.2	3.59 V	320	45.4	4.4
6	#5725.00	39.8 AV	54.0	-14.2	3.59 V	320	35.4	4.4
7	11060.00	46.2 PK	74.0	-27.8	1.70 V	133	32.3	13.9
8	11060.00	33.9 AV	54.0	-20.1	1.70 V	133	20.0	13.9
9	#16590.00	56.3 PK	74.0	-17.7	3.14 V	316	40.7	15.6
10	#16590.00	43.9 AV	54.0	-10.1	3.14 V	316	28.3	15.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	105.9 PK			1.67 H	350	101.5	4.4
2	*5610.00	95.3 AV			1.67 H	350	90.9	4.4
3	#5725.00	68.3 PK	74.0	-5.7	1.67 H	350	63.9	4.4
4	#5725.00	53.8 AV	54.0	-0.2	1.67 H	350	49.4	4.4
5	11220.00	47.9 PK	74.0	-26.1	2.03 H	24	34.2	13.7
6	11220.00	35.0 AV	54.0	-19.0	2.03 H	24	21.3	13.7
7	#16830.00	56.9 PK	74.0	-17.1	2.25 H	346	41.0	15.9
8	#16830.00	44.5 AV	54.0	-9.5	2.25 H	346	28.6	15.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	104.5 PK			3.60 V	324	100.1	4.4
2	*5610.00	93.5 AV			3.60 V	324	89.1	4.4
3	#5725.00	67.5 PK	74.0	-6.5	3.60 V	324	63.1	4.4
4	#5725.00	53.0 AV	54.0	-1.0	3.60 V	324	48.6	4.4
5	11220.00	45.3 PK	74.0	-28.7	1.72 V	136	31.6	13.7
6	11220.00	33.3 AV	54.0	-20.7	1.72 V	136	19.6	13.7
7	#16830.00	56.5 PK	74.0	-17.5	3.19 V	309	40.6	15.9
8	#16830.00	43.6 AV	54.0	-10.4	3.19 V	309	27.7	15.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	51.0 PK	74.0	-23.0	1.70 H	351	47.0	4.0
2	#5470.00	40.8 AV	54.0	-13.2	1.70 H	351	36.8	4.0
3	*5690.00	106.0 PK			1.70 H	351	101.8	4.2
4	*5690.00	95.5 AV			1.70 H	351	91.3	4.2
5	#5850.00	65.9 PK	74.0	-8.1	1.70 H	351	61.3	4.6
6	#5850.00	51.3 AV	54.0	-2.7	1.70 H	351	46.7	4.6
7	11380.00	47.9 PK	74.0	-26.1	1.98 H	10	34.2	13.7
8	11380.00	35.2 AV	54.0	-18.8	1.98 H	10	21.5	13.7
9	#17070.00	56.2 PK	74.0	-17.8	2.21 H	330	39.6	16.6
10	#17070.00	44.0 AV	54.0	-10.0	2.21 H	330	27.4	16.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	49.5 PK	74.0	-24.5	3.62 V	332	45.5	4.0
2	#5470.00	39.5 AV	54.0	-14.5	3.62 V	332	35.5	4.0
3	*5690.00	104.9 PK			3.62 V	332	100.7	4.2
4	*5690.00	93.8 AV			3.62 V	332	89.6	4.2
5	#5850.00	65.5 PK	74.0	-8.5	3.62 V	332	60.9	4.6
6	#5850.00	51.2 AV	54.0	-2.8	3.62 V	332	46.6	4.6
7	11380.00	44.8 PK	74.0	-29.2	1.70 V	140	31.1	13.7
8	11380.00	33.0 AV	54.0	-21.0	1.70 V	140	19.3	13.7
9	#17070.00	55.7 PK	74.0	-18.3	3.18 V	305	39.1	16.6
10	#17070.00	43.1 AV	54.0	-10.9	3.18 V	305	26.5	16.6

REMARKS:

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

Below 1GHz Data:

802.11ac (VHT20)

CHANNEL	TX Channel 140	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	88.37	33.6 QP	43.5	-9.9	2.00 H	360	47.8	-14.2
2	115.04	32.6 QP	43.5	-10.9	3.00 H	283	43.2	-10.6
3	224.36	31.5 QP	46.0	-14.5	2.00 H	315	42.5	-11.0
4	348.74	34.6 QP	46.0	-11.4	1.00 H	299	41.1	-6.5
5	395.59	37.8 QP	46.0	-8.2	3.00 H	162	43.2	-5.4
6	476.37	33.7 QP	46.0	-12.3	3.00 H	128	37.2	-3.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	37.35	34.6 QP	40.0	-5.4	1.00 V	80	43.5	-8.9
2	113.95	33.5 QP	43.5	-10.0	1.00 V	360	44.3	-10.8
3	224.07	29.4 QP	46.0	-16.6	2.00 V	17	40.4	-11.0
4	351.63	40.4 QP	46.0	-5.6	1.00 V	360	46.9	-6.5
5	387.06	40.7 QP	46.0	-5.3	1.00 V	84	46.4	-5.7
6	478.29	37.0 QP	46.0	-9.0	1.00 V	50	40.5	-3.5

REMARKS:

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

Sector Antenna

Above 1GHz Data:

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	53.1 PK	74.0	-20.9	1.41 H	344	49.4	3.7
2	5150.00	40.1 AV	54.0	-13.9	1.41 H	344	36.4	3.7
3	*5260.00	116.4 PK			1.41 H	344	112.4	4.0
4	*5260.00	107.1 AV			1.41 H	344	103.1	4.0
5	#10520.00	49.1 PK	74.0	-24.9	1.96 H	16	35.9	13.2
6	#10520.00	36.4 AV	54.0	-17.6	1.96 H	16	23.2	13.2
7	15780.00	57.0 PK	74.0	-17.0	2.22 H	315	43.4	13.6
8	15780.00	44.3 AV	54.0	-9.7	2.22 H	315	30.7	13.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	51.8 PK	74.0	-22.2	1.32 V	358	48.1	3.7
2	5150.00	38.7 AV	54.0	-15.3	1.32 V	358	35.0	3.7
3	*5260.00	115.5 PK			1.32 V	358	111.5	4.0
4	*5260.00	106.5 AV			1.32 V	358	102.5	4.0
5	#10520.00	46.3 PK	74.0	-27.7	1.62 V	136	33.1	13.2
6	#10520.00	33.7 AV	54.0	-20.3	1.62 V	136	20.5	13.2
7	15780.00	55.8 PK	74.0	-18.2	3.04 V	325	42.2	13.6
8	15780.00	43.7 AV	54.0	-10.3	3.04 V	325	30.1	13.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	116.8 PK			1.08 H	347	112.7	4.1
2	*5300.00	107.0 AV			1.08 H	347	102.9	4.1
3	10600.00	48.3 PK	74.0	-25.7	1.86 H	20	34.8	13.5
4	10600.00	35.9 AV	54.0	-18.1	1.86 H	20	22.4	13.5
5	15900.00	57.0 PK	74.0	-17.0	2.23 H	337	44.1	12.9
6	15900.00	44.3 AV	54.0	-9.7	2.23 H	337	31.4	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	115.9 PK			1.35 V	360	111.8	4.1
2	*5300.00	106.4 AV			1.35 V	360	102.3	4.1
3	10600.00	45.3 PK	74.0	-28.7	1.59 V	129	31.8	13.5
4	10600.00	33.1 AV	54.0	-20.9	1.59 V	129	19.6	13.5
5	15900.00	55.9 PK	74.0	-18.1	3.11 V	305	43.0	12.9
6	15900.00	43.9 AV	54.0	-10.1	3.11 V	305	31.0	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	116.8 PK			1.36 H	345	112.7	4.1
2	*5320.00	107.3 AV			1.36 H	345	103.2	4.1
3	5350.00	71.4 PK	74.0	-2.6	1.36 H	345	67.3	4.1
4	5350.00	52.5 AV	54.0	-1.5	1.36 H	345	48.4	4.1
5	10640.00	49.4 PK	74.0	-24.6	1.85 H	0	35.9	13.5
6	10640.00	36.6 AV	54.0	-17.4	1.85 H	0	23.1	13.5
7	15960.00	56.7 PK	74.0	-17.3	2.21 H	320	43.8	12.9
8	15960.00	44.1 AV	54.0	-9.9	2.21 H	320	31.2	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	115.9 PK			1.37 V	357	111.8	4.1
2	*5320.00	106.7 AV			1.37 V	357	102.6	4.1
3	5350.00	70.1 PK	74.0	-3.9	1.37 V	357	66.0	4.1
4	5350.00	51.1 AV	54.0	-2.9	1.37 V	357	47.0	4.1
5	10640.00	45.5 PK	74.0	-28.5	1.58 V	136	32.0	13.5
6	10640.00	33.4 AV	54.0	-20.6	1.58 V	136	19.9	13.5
7	15960.00	56.4 PK	74.0	-17.6	3.03 V	317	43.5	12.9
8	15960.00	44.4 AV	54.0	-9.6	3.03 V	317	31.5	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	68.1 PK	74.0	-5.9	1.27 H	342	63.9	4.2
2	#5470.00	49.2 AV	54.0	-4.8	1.27 H	342	45.0	4.2
3	*5500.00	116.0 PK			1.27 H	342	111.8	4.2
4	*5500.00	106.1 AV			1.27 H	342	101.9	4.2
5	11000.00	49.0 PK	74.0	-25.0	1.98 H	8	34.9	14.1
6	11000.00	36.8 AV	54.0	-17.2	1.98 H	8	22.7	14.1
7	#16500.00	57.3 PK	74.0	-16.7	2.29 H	315	42.8	14.5
8	#16500.00	44.2 AV	54.0	-9.8	2.29 H	315	29.7	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	59.4 PK	74.0	-14.6	1.48 V	15	55.2	4.2
2	#5470.00	46.5 AV	54.0	-7.5	1.48 V	15	42.3	4.2
3	*5500.00	114.7 PK			1.48 V	15	110.5	4.2
4	*5500.00	104.7 AV			1.48 V	15	100.5	4.2
5	11000.00	46.7 PK	74.0	-27.3	1.63 V	136	32.6	14.1
6	11000.00	33.9 AV	54.0	-20.1	1.63 V	136	19.8	14.1
7	#16500.00	55.6 PK	74.0	-18.4	3.06 V	329	41.1	14.5
8	#16500.00	43.6 AV	54.0	-10.4	3.06 V	329	29.1	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	116.5 PK			1.07 H	341	112.3	4.2
2	*5580.00	106.6 AV			1.07 H	341	102.4	4.2
3	11160.00	49.4 PK	74.0	-24.6	1.94 H	0	35.7	13.7
4	11160.00	36.8 AV	54.0	-17.2	1.94 H	0	23.1	13.7
5	#16740.00	56.4 PK	74.0	-17.6	2.28 H	303	40.7	15.7
6	#16740.00	43.7 AV	54.0	-10.3	2.28 H	303	28.0	15.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	115.2 PK			1.49 V	23	111.0	4.2
2	*5580.00	105.2 AV			1.49 V	23	101.0	4.2
3	11160.00	46.6 PK	74.0	-27.4	1.65 V	128	32.9	13.7
4	11160.00	34.2 AV	54.0	-19.8	1.65 V	128	20.5	13.7
5	#16740.00	56.1 PK	74.0	-17.9	3.05 V	321	40.4	15.7
6	#16740.00	43.8 AV	54.0	-10.2	3.05 V	321	28.1	15.7

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	116.8 PK			1.00 H	340	112.3	4.5
2	*5700.00	106.9 AV			1.00 H	340	102.4	4.5
3	#5725.00	71.2 PK	74.0	-2.8	1.00 H	340	66.8	4.4
4	**#5725.00**	**53.9 AV**	**54.0**	**-0.1**	**1.00 H**	**340**	**49.5**	**4.4**
5	11400.00	49.8 PK	74.0	-24.2	1.90 H	0	36.2	13.6
6	11400.00	37.0 AV	54.0	-17.0	1.90 H	0	23.4	13.6
7	#17100.00	56.4 PK	74.0	-17.6	2.28 H	311	39.0	17.4
8	#17100.00	43.6 AV	54.0	-10.4	2.28 H	311	26.2	17.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	115.5 PK			1.43 V	12	111.0	4.5
2	*5700.00	105.5 AV			1.43 V	12	101.0	4.5
3	#5725.00	62.5 PK	74.0	-11.5	1.43 V	12	58.1	4.4
4	#5725.00	51.2 AV	54.0	-2.8	1.43 V	12	46.8	4.4
5	11400.00	46.0 PK	74.0	-28.0	1.59 V	149	32.4	13.6
6	11400.00	33.5 AV	54.0	-20.5	1.59 V	149	19.9	13.6
7	#17100.00	56.4 PK	74.0	-17.6	3.04 V	317	39.0	17.4
8	#17100.00	44.1 AV	54.0	-9.9	3.04 V	317	26.7	17.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	68.0 PK	74.0	-6.0	1.00 H	327	64.0	4.0
2	#5470.00	48.5 AV	54.0	-5.5	1.00 H	327	44.5	4.0
3	*5720.00	116.7 PK			1.00 H	327	112.5	4.2
4	*5720.00	107.0 AV			1.00 H	327	102.8	4.2
5	#5850.00	69.9 PK	74.0	-4.1	1.00 H	327	65.3	4.6
6	#5850.00	52.5 AV	54.0	-1.5	1.00 H	327	47.9	4.6
7	11440.00	49.9 PK	74.0	-24.1	1.86 H	13	36.1	13.8
8	11440.00	37.3 AV	54.0	-16.7	1.86 H	13	23.5	13.8
9	#17160.00	55.6 PK	74.0	-18.4	2.26 H	305	39.2	16.4
10	#17160.00	43.1 AV	54.0	-10.9	2.26 H	305	26.7	16.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	61.1 PK	74.0	-12.9	1.38 V	27	57.1	4.0
2	#5470.00	46.4 AV	54.0	-7.6	1.38 V	27	42.4	4.0
3	*5720.00	116.0 PK			1.38 V	27	111.8	4.2
4	*5720.00	105.7 AV			1.38 V	27	101.5	4.2
5	#5850.00	61.4 PK	74.0	-12.6	1.38 V	27	56.8	4.6
6	#5850.00	50.1 AV	54.0	-3.9	1.38 V	27	45.5	4.6
7	11440.00	46.0 PK	74.0	-28.0	1.54 V	148	32.2	13.8
8	11440.00	33.6 AV	54.0	-20.4	1.54 V	148	19.8	13.8
9	#17160.00	56.2 PK	74.0	-17.8	3.06 V	313	39.8	16.4
10	#17160.00	43.9 AV	54.0	-10.1	3.06 V	313	27.5	16.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very 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 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	50.7 PK	74.0	-23.3	1.00 H	346	47.0	3.7
2	5150.00	38.3 AV	54.0	-15.7	1.00 H	346	34.6	3.7
3	*5260.00	113.4 PK			1.00 H	346	109.4	4.0
4	*5260.00	102.3 AV			1.00 H	346	98.3	4.0
5	#10520.00	48.8 PK	74.0	-25.2	1.91 H	6	35.6	13.2
6	#10520.00	36.0 AV	54.0	-18.0	1.91 H	6	22.8	13.2
7	15780.00	56.2 PK	74.0	-17.8	2.25 H	322	42.6	13.6
8	15780.00	43.8 AV	54.0	-10.2	2.25 H	322	30.2	13.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	49.4 PK	74.0	-24.6	1.37 V	345	45.7	3.7
2	5150.00	36.9 AV	54.0	-17.1	1.37 V	345	33.2	3.7
3	*5260.00	112.5 PK			1.37 V	345	108.5	4.0
4	*5260.00	101.7 AV			1.37 V	345	97.7	4.0
5	#10520.00	46.1 PK	74.0	-27.9	1.56 V	125	32.9	13.2
6	#10520.00	33.8 AV	54.0	-20.2	1.56 V	125	20.6	13.2
7	15780.00	56.8 PK	74.0	-17.2	3.04 V	324	43.2	13.6
8	15780.00	44.4 AV	54.0	-9.6	3.04 V	324	30.8	13.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	114.0 PK			1.00 H	347	109.9	4.1
2	*5300.00	102.7 AV			1.00 H	347	98.6	4.1
3	10600.00	48.5 PK	74.0	-25.5	1.86 H	23	35.0	13.5
4	10600.00	36.0 AV	54.0	-18.0	1.86 H	23	22.5	13.5
5	15900.00	56.2 PK	74.0	-17.8	2.31 H	320	43.3	12.9
6	15900.00	43.5 AV	54.0	-10.5	2.31 H	320	30.6	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	113.1 PK			1.34 V	347	109.0	4.1
2	*5300.00	102.1 AV			1.34 V	347	98.0	4.1
3	10600.00	45.5 PK	74.0	-28.5	1.64 V	138	32.0	13.5
4	10600.00	33.4 AV	54.0	-20.6	1.64 V	138	19.9	13.5
5	15900.00	55.6 PK	74.0	-18.4	3.04 V	329	42.7	12.9
6	15900.00	43.7 AV	54.0	-10.3	3.04 V	329	30.8	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	114.4 PK			1.00 H	348	110.3	4.1
2	*5320.00	102.7 AV			1.00 H	348	98.6	4.1
3	5350.00	69.1 PK	74.0	-4.9	1.00 H	348	65.0	4.1
4	5350.00	49.6 AV	54.0	-4.4	1.00 H	348	45.5	4.1
5	10640.00	48.8 PK	74.0	-25.2	1.95 H	23	35.3	13.5
6	10640.00	36.4 AV	54.0	-17.6	1.95 H	23	22.9	13.5
7	15960.00	56.3 PK	74.0	-17.7	2.22 H	325	43.4	12.9
8	15960.00	43.9 AV	54.0	-10.1	2.22 H	325	31.0	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	113.5 PK			1.37 V	360	109.4	4.1
2	*5320.00	102.1 AV			1.37 V	360	98.0	4.1
3	5350.00	67.8 PK	74.0	-6.2	1.37 V	360	63.7	4.1
4	5350.00	48.2 AV	54.0	-5.8	1.37 V	360	44.1	4.1
5	10640.00	46.2 PK	74.0	-27.8	1.63 V	143	32.7	13.5
6	10640.00	33.6 AV	54.0	-20.4	1.63 V	143	20.1	13.5
7	15960.00	56.3 PK	74.0	-17.7	3.08 V	310	43.4	12.9
8	15960.00	44.1 AV	54.0	-9.9	3.08 V	310	31.2	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	67.9 PK	74.0	-6.1	1.00 H	341	63.7	4.2
2	#5470.00	48.1 AV	54.0	-5.9	1.00 H	341	43.9	4.2
3	*5500.00	113.1 PK			1.00 H	341	108.9	4.2
4	*5500.00	102.2 AV			1.00 H	341	98.0	4.2
5	11000.00	49.3 PK	74.0	-24.7	1.92 H	9	35.2	14.1
6	11000.00	36.5 AV	54.0	-17.5	1.92 H	9	22.4	14.1
7	#16500.00	56.9 PK	74.0	-17.1	2.25 H	323	42.4	14.5
8	#16500.00	44.2 AV	54.0	-9.8	2.25 H	323	29.7	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	61.5 PK	74.0	-12.5	2.20 V	348	57.3	4.2
2	#5470.00	46.9 AV	54.0	-7.1	2.20 V	348	42.7	4.2
3	*5500.00	111.5 PK			2.20 V	348	107.3	4.2
4	*5500.00	100.4 AV			2.20 V	348	96.2	4.2
5	11000.00	46.2 PK	74.0	-27.8	1.64 V	142	32.1	14.1
6	11000.00	33.5 AV	54.0	-20.5	1.64 V	142	19.4	14.1
7	#16500.00	55.3 PK	74.0	-18.7	3.04 V	333	40.8	14.5
8	#16500.00	43.2 AV	54.0	-10.8	3.04 V	333	28.7	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	113.3 PK			1.00 H	343	109.1	4.2
2	*5580.00	102.2 AV			1.00 H	343	98.0	4.2
3	11160.00	48.8 PK	74.0	-25.2	2.01 H	25	35.1	13.7
4	11160.00	36.1 AV	54.0	-17.9	2.01 H	25	22.4	13.7
5	#16740.00	56.8 PK	74.0	-17.2	2.20 H	316	41.1	15.7
6	#16740.00	44.1 AV	54.0	-9.9	2.20 H	316	28.4	15.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	112.0 PK			1.49 V	13	107.8	4.2
2	*5580.00	100.8 AV			1.49 V	13	96.6	4.2
3	11160.00	46.1 PK	74.0	-27.9	1.64 V	137	32.4	13.7
4	11160.00	33.3 AV	54.0	-20.7	1.64 V	137	19.6	13.7
5	#16740.00	55.9 PK	74.0	-18.1	3.06 V	330	40.2	15.7
6	#16740.00	43.5 AV	54.0	-10.5	3.06 V	330	27.8	15.7

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	112.6 PK			1.00 H	338	108.1	4.5
2	*5700.00	102.0 AV			1.00 H	338	97.5	4.5
3	#5725.00	71.0 PK	74.0	-3.0	1.00 H	338	66.6	4.4
4	#5725.00	52.6 AV	54.0	-1.4	1.00 H	338	48.2	4.4
5	11400.00	49.1 PK	74.0	-24.9	1.98 H	10	35.5	13.6
6	11400.00	36.5 AV	54.0	-17.5	1.98 H	10	22.9	13.6
7	#17100.00	57.3 PK	74.0	-16.7	2.25 H	329	39.9	17.4
8	#17100.00	44.4 AV	54.0	-9.6	2.25 H	329	27.0	17.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	111.3 PK			1.50 V	7	106.8	4.5
2	*5700.00	100.6 AV			1.50 V	7	96.1	4.5
3	#5725.00	62.3 PK	74.0	-11.7	1.50 V	7	57.9	4.4
4	#5725.00	49.9 AV	54.0	-4.1	1.50 V	7	45.5	4.4
5	11400.00	46.4 PK	74.0	-27.6	1.65 V	147	32.8	13.6
6	11400.00	33.7 AV	54.0	-20.3	1.65 V	147	20.1	13.6
7	#17100.00	55.3 PK	74.0	-18.7	3.03 V	329	37.9	17.4
8	#17100.00	43.4 AV	54.0	-10.6	3.03 V	329	26.0	17.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	57.0 PK	74.0	-17.0	1.06 H	336	53.0	4.0
2	#5470.00	44.5 AV	54.0	-9.5	1.06 H	336	40.5	4.0
3	*5720.00	113.2 PK			1.06 H	336	109.0	4.2
4	*5720.00	102.5 AV			1.06 H	336	98.3	4.2
5	#5850.00	71.2 PK	74.0	-2.8	1.06 H	336	66.6	4.6
6	#5850.00	52.8 AV	54.0	-1.2	1.06 H	336	48.2	4.6
7	11440.00	48.9 PK	74.0	-25.1	2.03 H	0	35.1	13.8
8	11440.00	36.5 AV	54.0	-17.5	2.03 H	0	22.7	13.8
9	#17160.00	56.8 PK	74.0	-17.2	2.26 H	321	40.4	16.4
10	#17160.00	44.1 AV	54.0	-9.9	2.26 H	321	27.7	16.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	56.0 PK	74.0	-18.0	1.50 V	12	52.0	4.0
2	#5470.00	43.9 AV	54.0	-10.1	1.50 V	12	39.9	4.0
3	*5720.00	111.8 PK			1.50 V	12	107.6	4.2
4	*5720.00	101.0 AV			1.50 V	12	96.8	4.2
5	#5850.00	62.1 PK	74.0	-11.9	1.50 V	12	57.5	4.6
6	#5850.00	49.8 AV	54.0	-4.2	1.50 V	12	45.2	4.6
7	11440.00	46.2 PK	74.0	-27.8	1.69 V	162	32.4	13.8
8	11440.00	33.3 AV	54.0	-20.7	1.69 V	162	19.5	13.8
9	#17160.00	55.7 PK	74.0	-18.3	3.00 V	328	39.3	16.4
10	#17160.00	43.6 AV	54.0	-10.4	3.00 V	328	27.2	16.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very 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 54	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	53.1 PK	74.0	-20.9	1.00 H	348	49.4	3.7
2	5150.00	41.7 AV	54.0	-12.3	1.00 H	348	38.0	3.7
3	*5270.00	110.5 PK			1.00 H	348	106.5	4.0
4	*5270.00	100.8 AV			1.00 H	348	96.8	4.0
5	#10540.00	48.5 PK	74.0	-25.5	1.92 H	0	35.2	13.3
6	#10540.00	36.2 AV	54.0	-17.8	1.92 H	0	22.9	13.3
7	15810.00	56.8 PK	74.0	-17.2	2.23 H	339	43.4	13.4
8	15810.00	44.0 AV	54.0	-10.0	2.23 H	339	30.6	13.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	1.30 V	360	48.1	3.7
2	5150.00	40.3 AV	54.0	-13.7	1.30 V	360	36.6	3.7
3	*5270.00	109.6 PK			1.30 V	360	105.6	4.0
4	*5270.00	100.2 AV			1.30 V	360	96.2	4.0
5	#10540.00	45.7 PK	74.0	-28.3	1.66 V	125	32.4	13.3
6	#10540.00	33.5 AV	54.0	-20.5	1.66 V	125	20.2	13.3
7	15810.00	56.1 PK	74.0	-17.9	3.13 V	308	42.7	13.4
8	15810.00	44.3 AV	54.0	-9.7	3.13 V	308	30.9	13.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	109.9 PK			1.05 H	350	105.8	4.1
2	*5310.00	100.2 AV			1.05 H	350	96.1	4.1
3	5350.00	71.5 PK	74.0	-2.5	1.05 H	350	67.4	4.1
4	5350.00	53.8 AV	54.0	-0.2	1.05 H	350	49.7	4.1
5	10620.00	48.2 PK	74.0	-25.8	1.86 H	16	34.7	13.5
6	10620.00	35.6 AV	54.0	-18.4	1.86 H	16	22.1	13.5
7	15930.00	55.8 PK	74.0	-18.2	2.30 H	325	43.0	12.8
8	15930.00	43.6 AV	54.0	-10.4	2.30 H	325	30.8	12.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	109.0 PK			1.27 V	360	104.9	4.1
2	*5310.00	99.6 AV			1.27 V	360	95.5	4.1
3	5350.00	70.2 PK	74.0	-3.8	1.27 V	360	66.1	4.1
4	5350.00	52.4 AV	54.0	-1.6	1.27 V	360	48.3	4.1
5	10620.00	46.1 PK	74.0	-27.9	1.65 V	127	32.6	13.5
6	10620.00	33.6 AV	54.0	-20.4	1.65 V	127	20.1	13.5
7	15930.00	56.5 PK	74.0	-17.5	3.02 V	307	43.7	12.8
8	15930.00	44.4 AV	54.0	-9.6	3.02 V	307	31.6	12.8

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	72.9 PK	74.0	-1.1	1.03 H	348	68.7	4.2
2	**#5470.00**	**53.9 AV**	**54.0**	**-0.1**	**1.03 H**	**348**	**49.7**	**4.2**
3	*5510.00	110.0 PK			1.03 H	348	105.8	4.2
4	*5510.00	100.8 AV			1.03 H	348	96.6	4.2
5	11020.00	49.2 PK	74.0	-24.8	1.93 H	2	35.2	14.0
6	11020.00	36.7 AV	54.0	-17.3	1.93 H	2	22.7	14.0
7	#16530.00	56.8 PK	74.0	-17.2	2.26 H	307	41.9	14.9
8	#16530.00	43.8 AV	54.0	-10.2	2.26 H	307	28.9	14.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	64.2 PK	74.0	-9.8	1.46 V	19	60.0	4.2
2	#5470.00	51.2 AV	54.0	-2.8	1.46 V	19	47.0	4.2
3	*5510.00	108.7 PK			1.46 V	19	104.5	4.2
4	*5510.00	99.4 AV			1.46 V	19	95.2	4.2
5	11020.00	46.0 PK	74.0	-28.0	1.63 V	126	32.0	14.0
6	11020.00	33.4 AV	54.0	-20.6	1.63 V	126	19.4	14.0
7	#16530.00	55.5 PK	74.0	-18.5	3.08 V	316	40.6	14.9
8	#16530.00	43.4 AV	54.0	-10.6	3.08 V	316	28.5	14.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	109.6 PK			1.04 H	340	105.4	4.2
2	*5550.00	100.7 AV			1.04 H	340	96.5	4.2
3	11100.00	49.1 PK	74.0	-24.9	2.02 H	19	35.3	13.8
4	11100.00	36.6 AV	54.0	-17.4	2.02 H	19	22.8	13.8
5	#16650.00	56.6 PK	74.0	-17.4	2.18 H	324	41.0	15.6
6	#16650.00	44.1 AV	54.0	-9.9	2.18 H	324	28.5	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	108.3 PK			1.50 V	23	104.1	4.2
2	*5550.00	99.3 AV			1.50 V	23	95.1	4.2
3	11100.00	45.9 PK	74.0	-28.1	1.62 V	122	32.1	13.8
4	11100.00	33.2 AV	54.0	-20.8	1.62 V	122	19.4	13.8
5	#16650.00	55.9 PK	74.0	-18.1	3.00 V	339	40.3	15.6
6	#16650.00	43.8 AV	54.0	-10.2	3.00 V	339	28.2	15.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	109.7 PK			1.00 H	337	105.4	4.3
2	*5670.00	100.5 AV			1.00 H	337	96.2	4.3
3	#5725.00	71.2 PK	74.0	-2.8	1.00 H	337	66.8	4.4
4	#5725.00	52.5 AV	54.0	-1.5	1.00 H	337	48.1	4.4
5	11340.00	48.9 PK	74.0	-25.1	1.95 H	25	35.3	13.6
6	11340.00	36.2 AV	54.0	-17.8	1.95 H	25	22.6	13.6
7	#17010.00	57.4 PK	74.0	-16.6	2.18 H	315	40.3	17.1
8	#17010.00	44.8 AV	54.0	-9.2	2.18 H	315	27.7	17.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	108.4 PK			1.46 V	28	104.1	4.3
2	*5670.00	99.1 AV			1.46 V	28	94.8	4.3
3	#5725.00	62.5 PK	74.0	-11.5	1.46 V	28	58.1	4.4
4	#5725.00	49.8 AV	54.0	-4.2	1.46 V	28	45.4	4.4
5	11340.00	46.3 PK	74.0	-27.7	1.58 V	128	32.7	13.6
6	11340.00	33.5 AV	54.0	-20.5	1.58 V	128	19.9	13.6
7	#17010.00	56.0 PK	74.0	-18.0	3.05 V	312	38.9	17.1
8	#17010.00	43.8 AV	54.0	-10.2	3.05 V	312	26.7	17.1

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	52.4 PK	74.0	-21.6	1.01 H	348	48.4	4.0
2	#5470.00	41.7 AV	54.0	-12.3	1.01 H	348	37.7	4.0
3	*5710.00	110.0 PK			1.01 H	348	105.7	4.3
4	*5710.00	100.7 AV			1.01 H	348	96.4	4.3
5	#5850.00	70.8 PK	74.0	-3.2	1.01 H	348	66.2	4.6
6	#5850.00	52.0 AV	54.0	-2.0	1.01 H	348	47.4	4.6
7	11420.00	49.2 PK	74.0	-24.8	1.90 H	30	35.4	13.8
8	11420.00	36.2 AV	54.0	-17.8	1.90 H	30	22.4	13.8
9	#17130.00	57.5 PK	74.0	-16.5	2.24 H	300	41.0	16.5
10	#17130.00	45.0 AV	54.0	-9.0	2.24 H	300	28.5	16.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	50.2 PK	74.0	-23.8	1.41 V	38	46.2	4.0
2	#5470.00	39.5 AV	54.0	-14.5	1.41 V	38	35.5	4.0
3	*5710.00	108.3 PK			1.41 V	38	104.0	4.3
4	*5710.00	99.2 AV			1.41 V	38	94.9	4.3
5	#5850.00	61.0 PK	74.0	-13.0	1.41 V	38	56.4	4.6
6	#5850.00	48.4 AV	54.0	-5.6	1.41 V	38	43.8	4.6
7	11420.00	46.1 PK	74.0	-27.9	1.54 V	127	32.3	13.8
8	11420.00	33.6 AV	54.0	-20.4	1.54 V	127	19.8	13.8
9	#17130.00	55.5 PK	74.0	-18.5	3.10 V	297	39.0	16.5
10	#17130.00	43.3 AV	54.0	-10.7	3.10 V	297	26.8	16.5

REMARKS:

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

802.11ac (VHT80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	57.5 PK	74.0	-16.5	1.02 H	351	53.8	3.7
2	5150.00	43.5 AV	54.0	-10.5	1.02 H	351	39.8	3.7
3	*5290.00	106.4 PK			1.02 H	351	102.3	4.1
4	*5290.00	97.0 AV			1.02 H	351	92.9	4.1
5	5350.00	70.8 PK	74.0	-3.2	1.02 H	351	66.7	4.1
6	**5350.00**	**53.9 AV**	**54.0**	**-0.1**	**1.02 H**	**351**	**49.8**	**4.1**
7	#10580.00	48.7 PK	74.0	-25.3	1.86 H	0	35.3	13.4
8	#10580.00	36.0 AV	54.0	-18.0	1.86 H	0	22.6	13.4
9	15870.00	56.7 PK	74.0	-17.3	2.19 H	313	43.7	13.0
10	15870.00	44.0 AV	54.0	-10.0	2.19 H	313	31.0	13.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	56.2 PK	74.0	-17.8	1.31 V	360	52.5	3.7
2	5150.00	42.1 AV	54.0	-11.9	1.31 V	360	38.4	3.7
3	*5290.00	105.5 PK			1.31 V	360	101.4	4.1
4	*5290.00	96.4 AV			1.31 V	360	92.3	4.1
5	5350.00	69.5 PK	74.0	-4.5	1.31 V	360	65.4	4.1
6	5350.00	52.5 AV	54.0	-1.5	1.31 V	360	48.4	4.1
7	#10580.00	46.0 PK	74.0	-28.0	1.66 V	147	32.6	13.4
8	#10580.00	33.9 AV	54.0	-20.1	1.66 V	147	20.5	13.4
9	15870.00	56.1 PK	74.0	-17.9	3.08 V	310	43.1	13.0
10	15870.00	43.8 AV	54.0	-10.2	3.08 V	310	30.8	13.0

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	72.8 PK	74.0	-1.2	1.07 H	343	68.6	4.2
2	#5470.00	53.7 AV	54.0	-0.3	1.07 H	343	49.5	4.2
3	*5530.00	106.9 PK			1.07 H	343	102.7	4.2
4	*5530.00	98.1 AV			1.07 H	343	93.9	4.2
5	#5725.00	52.5 PK	74.0	-21.5	1.07 H	343	48.1	4.4
6	#5725.00	41.9 AV	54.0	-12.1	1.07 H	343	37.5	4.4
7	11060.00	49.6 PK	74.0	-24.4	2.00 H	3	35.7	13.9
8	11060.00	36.9 AV	54.0	-17.1	2.00 H	3	23.0	13.9
9	#16590.00	56.9 PK	74.0	-17.1	2.21 H	304	41.3	15.6
10	#16590.00	44.3 AV	54.0	-9.7	2.21 H	304	28.7	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	64.1 PK	74.0	-9.9	1.46 V	27	59.9	4.2
2	#5470.00	51.0 AV	54.0	-3.0	1.46 V	27	46.8	4.2
3	*5530.00	105.6 PK			1.46 V	27	101.4	4.2
4	*5530.00	96.7 AV			1.46 V	27	92.5	4.2
5	#5725.00	50.1 PK	74.0	-23.9	1.46 V	27	45.7	4.4
6	#5725.00	39.2 AV	54.0	-14.8	1.46 V	27	34.8	4.4
7	11060.00	46.2 PK	74.0	-27.8	1.68 V	139	32.3	13.9
8	11060.00	33.4 AV	54.0	-20.6	1.68 V	139	19.5	13.9
9	#16590.00	56.0 PK	74.0	-18.0	3.06 V	315	40.4	15.6
10	#16590.00	43.7 AV	54.0	-10.3	3.06 V	315	28.1	15.6

REMARKS:

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

CHANNEL	TX Channel 122	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	*5610.00	107.7 PK			1.01 H	346	103.3	4.4
2	*5610.00	98.8 AV			1.01 H	346	94.4	4.4
3	#5725.00	65.9 PK	74.0	-8.1	1.01 H	346	61.5	4.4
4	#5725.00	53.6 AV	54.0	-0.4	1.01 H	346	49.2	4.4
5	11220.00	49.3 PK	74.0	-24.7	1.92 H	30	35.6	13.7
6	11220.00	36.3 AV	54.0	-17.7	1.92 H	30	22.6	13.7
7	#16830.00	56.4 PK	74.0	-17.6	2.20 H	327	40.5	15.9
8	#16830.00	43.9 AV	54.0	-10.1	2.20 H	327	28.0	15.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	106.4 PK			1.48 V	2	102.0	4.4
2	*5610.00	97.4 AV			1.48 V	2	93.0	4.4
3	#5725.00	57.2 PK	74.0	-16.8	1.48 V	2	52.8	4.4
4	#5725.00	50.9 AV	54.0	-3.1	1.48 V	2	46.5	4.4
5	11220.00	46.1 PK	74.0	-27.9	1.64 V	120	32.4	13.7
6	11220.00	33.8 AV	54.0	-20.2	1.64 V	120	20.1	13.7
7	#16830.00	55.8 PK	74.0	-18.2	3.07 V	331	39.9	15.9
8	#16830.00	43.4 AV	54.0	-10.6	3.07 V	331	27.5	15.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	52.7 PK	74.0	-21.3	1.01 H	344	48.7	4.0
2	#5470.00	42.1 AV	54.0	-11.9	1.01 H	344	38.1	4.0
3	*5690.00	107.3 PK			1.01 H	344	103.1	4.2
4	*5690.00	98.6 AV			1.01 H	344	94.4	4.2
5	#5850.00	64.3 PK	74.0	-9.7	1.01 H	344	59.7	4.6
6	#5850.00	52.1 AV	54.0	-1.9	1.01 H	344	47.5	4.6
7	11380.00	49.0 PK	74.0	-25.0	1.89 H	41	35.3	13.7
8	11380.00	35.8 AV	54.0	-18.2	1.89 H	41	22.1	13.7
9	#17070.00	57.2 PK	74.0	-16.8	2.23 H	317	40.6	16.6
10	#17070.00	44.4 AV	54.0	-9.6	2.23 H	317	27.8	16.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	50.5 PK	74.0	-23.5	1.47 V	6	46.5	4.0
2	#5470.00	39.5 AV	54.0	-14.5	1.47 V	6	35.5	4.0
3	*5690.00	106.4 PK			1.47 V	6	102.2	4.2
4	*5690.00	97.6 AV			1.47 V	6	93.4	4.2
5	#5850.00	55.0 PK	74.0	-19.0	1.47 V	6	50.4	4.6
6	#5850.00	48.9 AV	54.0	-5.1	1.47 V	6	44.3	4.6
7	11380.00	46.4 PK	74.0	-27.6	1.64 V	107	32.7	13.7
8	11380.00	33.9 AV	54.0	-20.1	1.64 V	107	20.2	13.7
9	#17070.00	55.5 PK	74.0	-18.5	3.10 V	332	38.9	16.6
10	#17070.00	43.2 AV	54.0	-10.8	3.10 V	332	26.6	16.6

REMARKS:

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

Below 1GHz Data:

802.11ac (VHT20)

CHANNEL	TX Channel 140	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	88.13	33.9 QP	43.5	-9.6	2.00 H	22	48.1	-14.2
2	113.44	33.0 QP	43.5	-10.5	3.00 H	268	43.8	-10.8
3	223.66	31.0 QP	46.0	-15.0	1.00 H	321	42.1	-11.1
4	348.26	35.6 QP	46.0	-10.4	1.00 H	304	42.1	-6.5
5	397.34	37.3 QP	46.0	-8.7	3.00 H	145	42.7	-5.4
6	468.22	35.0 QP	46.0	-11.0	3.00 H	113	38.6	-3.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	38.49	35.1 QP	40.0	-4.9	1.00 V	223	43.8	-8.7
2	114.34	33.4 QP	43.5	-10.1	1.00 V	39	44.1	-10.7
3	218.66	28.9 QP	46.0	-17.1	1.00 V	188	40.1	-11.2
4	343.07	40.6 QP	46.0	-5.4	1.00 V	360	47.1	-6.5
5	389.58	39.4 QP	46.0	-6.6	1.00 V	42	45.0	-5.6
6	482.82	35.4 QP	46.0	-10.6	1.00 V	58	38.8	-3.4

REMARKS:

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

Omnidirectional

Above 1GHz Data:

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	48.1 PK	74.0	-25.9	1.52 H	143	44.4	3.7
2	5150.00	35.1 AV	54.0	-18.9	1.52 H	143	31.4	3.7
3	*5260.00	103.4 PK			1.52 H	143	99.4	4.0
4	*5260.00	92.7 AV			1.52 H	143	88.7	4.0
5	#10520.00	45.9 PK	74.0	-28.1	1.42 H	332	32.7	13.2
6	#10520.00	33.7 AV	54.0	-20.3	1.42 H	332	20.5	13.2
7	15780.00	49.9 PK	74.0	-24.1	1.48 H	130	36.3	13.6
8	15780.00	35.2 AV	54.0	-18.8	1.48 H	130	21.6	13.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	50.6 PK	74.0	-23.4	1.50 V	146	46.9	3.7
2	5150.00	38.0 AV	54.0	-16.0	1.50 V	146	34.3	3.7
3	*5260.00	115.1 PK			1.50 V	146	111.1	4.0
4	*5260.00	104.1 AV			1.50 V	146	100.1	4.0
5	#10520.00	46.1 PK	74.0	-27.9	1.52 V	142	32.9	13.2
6	#10520.00	33.6 AV	54.0	-20.4	1.52 V	142	20.4	13.2
7	15780.00	54.1 PK	74.0	-19.9	1.48 V	206	40.5	13.6
8	15780.00	38.4 AV	54.0	-15.6	1.48 V	206	24.8	13.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	102.5 PK			1.50 H	128	98.4	4.1
2	*5300.00	92.1 AV			1.50 H	128	88.0	4.1
3	10600.00	45.3 PK	74.0	-28.7	1.41 H	328	31.8	13.5
4	10600.00	33.3 AV	54.0	-20.7	1.41 H	328	19.8	13.5
5	15900.00	50.1 PK	74.0	-23.9	1.49 H	142	37.2	12.9
6	15900.00	35.6 AV	54.0	-18.4	1.49 H	142	22.7	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	114.2 PK			1.54 V	336	110.1	4.1
2	*5300.00	103.5 AV			1.54 V	336	99.4	4.1
3	10600.00	46.6 PK	74.0	-27.4	1.47 V	135	33.1	13.5
4	10600.00	33.9 AV	54.0	-20.1	1.47 V	135	20.4	13.5
5	15900.00	54.1 PK	74.0	-19.9	1.53 V	201	41.2	12.9
6	15900.00	38.1 AV	54.0	-15.9	1.53 V	201	25.2	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	102.5 PK			1.48 H	146	98.4	4.1
2	*5320.00	92.1 AV			1.48 H	146	88.0	4.1
3	5350.00	61.4 PK	74.0	-12.6	1.00 H	0	57.3	4.1
4	5350.00	43.7 AV	54.0	-10.3	1.00 H	0	39.6	4.1
5	10640.00	46.3 PK	74.0	-27.7	1.45 H	347	32.8	13.5
6	10640.00	34.0 AV	54.0	-20.0	1.45 H	347	20.5	13.5
7	15960.00	49.6 PK	74.0	-24.4	1.54 H	142	36.7	12.9
8	15960.00	35.1 AV	54.0	-18.9	1.54 H	142	22.2	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	114.2 PK			1.64 V	146	110.1	4.1
2	*5320.00	103.5 AV			1.64 V	146	99.4	4.1
3	5350.00	63.9 PK	74.0	-10.1	1.64 V	146	59.8	4.1
4	5350.00	46.6 AV	54.0	-7.4	1.64 V	146	42.5	4.1
5	10640.00	46.1 PK	74.0	-27.9	1.57 V	140	32.6	13.5
6	10640.00	33.3 AV	54.0	-20.7	1.57 V	140	19.8	13.5
7	15960.00	54.4 PK	74.0	-19.6	1.53 V	210	41.5	12.9
8	15960.00	38.7 AV	54.0	-15.3	1.53 V	210	25.8	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	49.7 PK	74.0	-24.3	1.53 H	115	45.5	4.2
2	#5470.00	37.4 AV	54.0	-16.6	1.53 H	115	33.2	4.2
3	*5500.00	104.1 PK			1.53 H	115	99.9	4.2
4	*5500.00	92.5 AV			1.53 H	115	88.3	4.2
5	11000.00	49.1 PK	74.0	-24.9	1.58 H	245	35.0	14.1
6	11000.00	35.1 AV	54.0	-18.9	1.58 H	245	21.0	14.1
7	#16500.00	48.8 PK	74.0	-25.2	1.60 H	24	34.3	14.5
8	#16500.00	36.7 AV	54.0	-17.3	1.60 H	24	22.2	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	59.4 PK	74.0	-14.6	1.56 V	335	55.2	4.2
2	#5470.00	45.9 AV	54.0	-8.1	1.56 V	335	41.7	4.2
3	*5500.00	115.7 PK			1.56 V	335	111.5	4.2
4	*5500.00	104.7 AV			1.56 V	335	100.5	4.2
5	11000.00	51.6 PK	74.0	-22.4	1.46 V	140	37.5	14.1
6	11000.00	38.4 AV	54.0	-15.6	1.46 V	140	24.3	14.1
7	#16500.00	52.1 PK	74.0	-21.9	1.73 V	205	37.6	14.5
8	#16500.00	39.3 AV	54.0	-14.7	1.73 V	205	24.8	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	104.7 PK			1.47 H	103	100.5	4.2
2	*5580.00	92.9 AV			1.47 H	103	88.7	4.2
3	11160.00	49.1 PK	74.0	-24.9	1.58 H	247	35.4	13.7
4	11160.00	35.1 AV	54.0	-18.9	1.58 H	247	21.4	13.7
5	#16740.00	48.8 PK	74.0	-25.2	1.59 H	32	33.1	15.7
6	#16740.00	36.6 AV	54.0	-17.4	1.59 H	32	20.9	15.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	116.3 PK			1.59 V	338	112.1	4.2
2	*5580.00	105.1 AV			1.59 V	338	100.9	4.2
3	11160.00	52.2 PK	74.0	-21.8	1.50 V	151	38.5	13.7
4	11160.00	38.9 AV	54.0	-15.1	1.50 V	151	25.2	13.7
5	#16740.00	52.4 PK	74.0	-21.6	1.72 V	191	36.7	15.7
6	#16740.00	39.3 AV	54.0	-14.7	1.72 V	191	23.6	15.7

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	105.1 PK			1.55 H	100	100.6	4.5
2	*5700.00	93.2 AV			1.55 H	100	88.7	4.5
3	#5725.00	59.6 PK	74.0	-14.4	1.55 H	100	55.2	4.4
4	#5725.00	41.8 AV	54.0	-12.2	1.55 H	100	37.4	4.4
5	11400.00	48.9 PK	74.0	-25.1	1.61 H	254	35.3	13.6
6	11400.00	35.1 AV	54.0	-18.9	1.61 H	254	21.5	13.6
7	#17100.00	49.1 PK	74.0	-24.9	1.59 H	38	31.7	17.4
8	#17100.00	36.8 AV	54.0	-17.2	1.59 H	38	19.4	17.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	116.7 PK			1.89 V	341	112.2	4.5
2	*5700.00	105.4 AV			1.89 V	341	100.9	4.5
3	#5725.00	69.3 PK	74.0	-4.7	1.89 V	341	64.9	4.4
4	#5725.00	50.3 AV	54.0	-3.7	1.89 V	341	45.9	4.4
5	11400.00	51.5 PK	74.0	-22.5	1.44 V	154	37.9	13.6
6	11400.00	38.1 AV	54.0	-15.9	1.44 V	154	24.5	13.6
7	#17100.00	51.9 PK	74.0	-22.1	1.70 V	214	34.5	17.4
8	#17100.00	39.3 AV	54.0	-14.7	1.70 V	214	21.9	17.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	49.1 PK	74.0	-24.9	1.48 H	116	45.1	4.0
2	#5470.00	37.1 AV	54.0	-16.9	1.48 H	116	33.1	4.0
3	*5720.00	104.2 PK			1.48 H	116	100.0	4.2
4	*5720.00	92.8 AV			1.48 H	116	88.6	4.2
5	#5850.00	60.1 PK	74.0	-13.9	1.48 H	116	55.5	4.6
6	#5850.00	46.2 AV	54.0	-7.8	1.48 H	116	41.6	4.6
7	11440.00	49.1 PK	74.0	-24.9	1.53 H	237	35.3	13.8
8	11440.00	35.4 AV	54.0	-18.6	1.53 H	237	21.6	13.8
9	#17160.00	49.6 PK	74.0	-24.4	1.61 H	14	33.2	16.4
10	#17160.00	37.2 AV	54.0	-16.8	1.61 H	14	20.8	16.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	59.4 PK	74.0	-14.6	1.88 V	339	55.4	4.0
2	#5470.00	45.7 AV	54.0	-8.3	1.88 V	339	41.7	4.0
3	*5720.00	116.0 PK			1.88 V	339	111.8	4.2
4	*5720.00	105.0 AV			1.88 V	339	100.8	4.2
5	#5850.00	69.2 PK	74.0	-4.8	1.88 V	339	64.6	4.6
6	#5850.00	50.0 AV	54.0	-4.0	1.88 V	339	45.4	4.6
7	11440.00	51.7 PK	74.0	-22.3	1.46 V	145	37.9	13.8
8	11440.00	38.7 AV	54.0	-15.3	1.46 V	145	24.9	13.8
9	#17160.00	52.3 PK	74.0	-21.7	1.71 V	214	35.9	16.4
10	#17160.00	39.3 AV	54.0	-14.7	1.71 V	214	22.9	16.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very 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 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	47.4 PK	74.0	-26.6	1.33 H	0	43.7	3.7
2	5150.00	34.8 AV	54.0	-19.2	1.33 H	0	31.1	3.7
3	*5260.00	100.6 PK			1.33 H	0	96.6	4.0
4	*5260.00	90.6 AV			1.33 H	0	86.6	4.0
5	#10520.00	46.5 PK	74.0	-27.5	1.62 H	270	33.3	13.2
6	#10520.00	33.7 AV	54.0	-20.3	1.62 H	270	20.5	13.2
7	15780.00	47.9 PK	74.0	-26.1	1.53 H	131	34.3	13.6
8	15780.00	34.9 AV	54.0	-19.1	1.53 H	131	21.3	13.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	50.2 PK	74.0	-23.8	1.48 V	146	46.5	3.7
2	5150.00	38.2 AV	54.0	-15.8	1.48 V	146	34.5	3.7
3	*5260.00	112.7 PK			1.48 V	146	108.7	4.0
4	*5260.00	102.2 AV			1.48 V	146	98.2	4.0
5	#10520.00	46.4 PK	74.0	-27.6	1.56 V	228	33.2	13.2
6	#10520.00	33.5 AV	54.0	-20.5	1.56 V	228	20.3	13.2
7	15780.00	51.3 PK	74.0	-22.7	1.41 V	127	37.7	13.6
8	15780.00	37.4 AV	54.0	-16.6	1.41 V	127	23.8	13.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	100.5 PK			1.55 H	152	96.4	4.1
2	*5300.00	90.8 AV			1.55 H	152	86.7	4.1
3	10600.00	46.3 PK	74.0	-27.7	1.62 H	259	32.8	13.5
4	10600.00	33.7 AV	54.0	-20.3	1.62 H	259	20.2	13.5
5	15900.00	48.1 PK	74.0	-25.9	1.51 H	130	35.2	12.9
6	15900.00	34.8 AV	54.0	-19.2	1.51 H	130	21.9	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	112.2 PK			1.72 V	338	108.1	4.1
2	*5300.00	102.2 AV			1.72 V	338	98.1	4.1
3	10600.00	46.1 PK	74.0	-27.9	1.51 V	234	32.6	13.5
4	10600.00	33.0 AV	54.0	-21.0	1.51 V	234	19.5	13.5
5	15900.00	51.1 PK	74.0	-22.9	1.36 V	142	38.2	12.9
6	15900.00	37.4 AV	54.0	-16.6	1.36 V	142	24.5	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	100.2 PK			1.53 H	149	96.1	4.1
2	*5320.00	90.1 AV			1.53 H	149	86.0	4.1
3	5350.00	65.9 PK	74.0	-8.1	1.53 H	149	61.8	4.1
4	5350.00	45.3 AV	54.0	-8.7	1.53 H	149	41.2	4.1
5	10640.00	46.5 PK	74.0	-27.5	1.63 H	265	33.0	13.5
6	10640.00	33.8 AV	54.0	-20.2	1.63 H	265	20.3	13.5
7	15960.00	47.7 PK	74.0	-26.3	1.53 H	117	34.8	12.9
8	15960.00	34.6 AV	54.0	-19.4	1.53 H	117	21.7	12.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	111.9 PK			1.46 V	143	107.8	4.1
2	*5320.00	101.5 AV			1.46 V	143	97.4	4.1
3	5350.00	68.4 PK	74.0	-5.6	1.46 V	143	64.3	4.1
4	5350.00	48.2 AV	54.0	-5.8	1.46 V	143	44.1	4.1
5	10640.00	46.6 PK	74.0	-27.4	1.61 V	217	33.1	13.5
6	10640.00	33.6 AV	54.0	-20.4	1.61 V	217	20.1	13.5
7	15960.00	51.9 PK	74.0	-22.1	1.41 V	131	39.0	12.9
8	15960.00	37.8 AV	54.0	-16.2	1.41 V	131	24.9	12.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	55.8 PK	74.0	-18.2	1.58 H	129	51.6	4.2
2	#5470.00	39.4 AV	54.0	-14.6	1.58 H	129	35.2	4.2
3	*5500.00	100.8 PK			1.58 H	129	96.6	4.2
4	*5500.00	89.5 AV			1.58 H	129	85.3	4.2
5	11000.00	47.9 PK	74.0	-26.1	1.55 H	75	33.8	14.1
6	11000.00	35.4 AV	54.0	-18.6	1.55 H	75	21.3	14.1
7	#16500.00	47.3 PK	74.0	-26.7	1.62 H	174	32.8	14.5
8	#16500.00	34.1 AV	54.0	-19.9	1.62 H	174	19.6	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	65.5 PK	74.0	-8.5	1.47 V	339	61.3	4.2
2	#5470.00	47.9 AV	54.0	-6.1	1.47 V	339	43.7	4.2
3	*5500.00	112.4 PK			1.47 V	339	108.2	4.2
4	*5500.00	101.7 AV			1.47 V	339	97.5	4.2
5	11000.00	51.2 PK	74.0	-22.8	1.52 V	119	37.1	14.1
6	11000.00	38.1 AV	54.0	-15.9	1.52 V	119	24.0	14.1
7	#16500.00	47.5 PK	74.0	-26.5	1.54 V	190	33.0	14.5
8	#16500.00	34.6 AV	54.0	-19.4	1.54 V	190	20.1	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	99.7 PK			1.56 H	103	95.5	4.2
2	*5580.00	88.8 AV			1.56 H	103	84.6	4.2
3	11160.00	49.2 PK	74.0	-24.8	1.62 H	244	35.5	13.7
4	11160.00	35.1 AV	54.0	-18.9	1.62 H	244	21.4	13.7
5	#16740.00	49.1 PK	74.0	-24.9	1.65 H	26	33.4	15.7
6	#16740.00	36.8 AV	54.0	-17.2	1.65 H	26	21.1	15.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	111.3 PK			1.57 V	340	107.1	4.2
2	*5580.00	101.0 AV			1.57 V	340	96.8	4.2
3	11160.00	52.0 PK	74.0	-22.0	1.42 V	133	38.3	13.7
4	11160.00	38.8 AV	54.0	-15.2	1.42 V	133	25.1	13.7
5	#16740.00	52.6 PK	74.0	-21.4	1.71 V	204	36.9	15.7
6	#16740.00	39.7 AV	54.0	-14.3	1.71 V	204	24.0	15.7

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	99.8 PK			1.53 H	127	95.3	4.5
2	*5700.00	88.7 AV			1.53 H	127	84.2	4.5
3	#5725.00	63.5 PK	74.0	-10.5	1.53 H	127	59.1	4.4
4	#5725.00	43.0 AV	54.0	-11.0	1.53 H	127	38.6	4.4
5	11400.00	49.6 PK	74.0	-24.4	1.56 H	256	36.0	13.6
6	11400.00	35.4 AV	54.0	-18.6	1.56 H	256	21.8	13.6
7	#17100.00	49.3 PK	74.0	-24.7	1.60 H	9	31.9	17.4
8	#17100.00	37.0 AV	54.0	-17.0	1.60 H	9	19.6	17.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	111.4 PK			1.58 V	337	106.9	4.5
2	*5700.00	100.9 AV			1.58 V	337	96.4	4.5
3	#5725.00	73.2 PK	74.0	-0.8	1.58 V	337	68.8	4.4
4	#5725.00	51.5 AV	54.0	-2.5	1.58 V	337	47.1	4.4
5	11400.00	51.4 PK	74.0	-22.6	1.41 V	150	37.8	13.6
6	11400.00	38.3 AV	54.0	-15.7	1.41 V	150	24.7	13.6
7	#17100.00	52.5 PK	74.0	-21.5	1.77 V	217	35.1	17.4
8	#17100.00	39.7 AV	54.0	-14.3	1.77 V	217	22.3	17.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	49.4 PK	74.0	-24.6	1.52 H	103	45.4	4.0
2	#5470.00	37.6 AV	54.0	-16.4	1.52 H	103	33.6	4.0
3	*5720.00	103.9 PK			1.43 H	125	99.7	4.2
4	*5720.00	92.7 AV			1.43 H	125	88.5	4.2
5	#5850.00	60.3 PK	74.0	-13.7	1.45 H	102	55.7	4.6
6	#5850.00	46.2 AV	54.0	-7.8	1.45 H	102	41.6	4.6
7	11440.00	49.5 PK	74.0	-24.5	1.50 H	226	35.7	13.8
8	11440.00	35.7 AV	54.0	-18.3	1.50 H	226	21.9	13.8
9	#17160.00	49.4 PK	74.0	-24.6	1.64 H	22	33.0	16.4
10	#17160.00	37.1 AV	54.0	-16.9	1.64 H	22	20.7	16.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	65.2 PK	74.0	-8.8	1.50 V	327	61.2	4.0
2	#5470.00	47.7 AV	54.0	-6.3	1.50 V	327	43.7	4.0
3	*5720.00	112.7 PK			1.51 V	328	108.5	4.2
4	*5720.00	101.9 AV			1.51 V	328	97.7	4.2
5	#5850.00	68.7 PK	74.0	-5.3	1.87 V	345	64.1	4.6
6	#5850.00	49.6 AV	54.0	-4.4	1.87 V	345	45.0	4.6
7	11440.00	51.8 PK	74.0	-22.2	1.47 V	135	38.0	13.8
8	11440.00	38.4 AV	54.0	-15.6	1.47 V	135	24.6	13.8
9	#17160.00	47.4 PK	74.0	-26.6	1.53 V	184	31.0	16.4
10	#17160.00	34.7 AV	54.0	-19.3	1.53 V	184	18.3	16.4

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very 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 54	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	48.8 PK	74.0	-25.2	1.53 H	140	45.1	3.7
2	5150.00	36.9 AV	54.0	-17.1	1.53 H	140	33.2	3.7
3	*5270.00	99.0 PK			1.53 H	140	95.0	4.0
4	*5270.00	89.2 AV			1.53 H	140	85.2	4.0
5	#10540.00	46.9 PK	74.0	-27.1	1.54 H	332	33.6	13.3
6	#10540.00	33.4 AV	54.0	-20.6	1.54 H	332	20.1	13.3
7	15810.00	47.3 PK	74.0	-26.7	1.64 H	130	33.9	13.4
8	15810.00	34.7 AV	54.0	-19.3	1.64 H	130	21.3	13.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5123.00	52.4 PK	74.0	-21.6	1.52 V	145	48.9	3.5
2	5123.00	42.1 AV	54.0	-11.9	1.52 V	145	38.6	3.5
3	*5270.00	109.5 PK			1.52 V	145	105.5	4.0
4	*5270.00	100.7 AV			1.52 V	145	96.7	4.0
5	#10540.00	46.7 PK	74.0	-27.3	1.45 V	254	33.4	13.3
6	#10540.00	33.5 AV	54.0	-20.5	1.45 V	254	20.2	13.3
7	15810.00	49.3 PK	74.0	-24.7	1.51 V	128	35.9	13.4
8	15810.00	36.3 AV	54.0	-17.7	1.51 V	128	22.9	13.4

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	96.7 PK			1.50 H	145	92.6	4.1
2	*5310.00	88.3 AV			1.50 H	145	84.2	4.1
3	5350.00	68.8 PK	74.0	-5.2	1.50 H	145	64.7	4.1
4	5350.00	50.9 AV	54.0	-3.1	1.50 H	145	46.8	4.1
5	10620.00	46.4 PK	74.0	-27.6	1.63 H	256	32.9	13.5
6	10620.00	33.3 AV	54.0	-20.7	1.63 H	256	19.8	13.5
7	15930.00	48.6 PK	74.0	-25.4	1.53 H	120	35.8	12.8
8	15930.00	35.4 AV	54.0	-18.6	1.53 H	120	22.6	12.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	108.4 PK			1.52 V	335	104.3	4.1
2	*5310.00	99.7 AV			1.52 V	335	95.6	4.1
3	5350.00	71.3 PK	74.0	-2.7	1.52 V	335	67.2	4.1
4	5350.00	53.8 AV	54.0	-0.2	1.52 V	335	49.7	4.1
5	10620.00	46.0 PK	74.0	-28.0	1.61 V	214	32.5	13.5
6	10620.00	33.3 AV	54.0	-20.7	1.61 V	214	19.8	13.5
7	15930.00	51.2 PK	74.0	-22.8	1.36 V	124	38.4	12.8
8	15930.00	37.4 AV	54.0	-16.6	1.36 V	124	24.6	12.8

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	62.7 PK	74.0	-11.3	1.50 H	109	58.5	4.2
2	#5470.00	45.3 AV	54.0	-8.7	1.50 H	109	41.1	4.2
3	*5510.00	97.2 PK			1.50 H	109	93.0	4.2
4	*5510.00	87.5 AV			1.50 H	109	83.3	4.2
5	11020.00	47.9 PK	74.0	-26.1	1.68 H	199	33.9	14.0
6	11020.00	36.1 AV	54.0	-17.9	1.68 H	199	22.1	14.0
7	#16530.00	47.1 PK	74.0	-26.9	1.65 H	222	32.2	14.9
8	#16530.00	35.9 AV	54.0	-18.1	1.65 H	222	21.0	14.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	72.4 PK	74.0	-1.6	1.57 V	338	68.2	4.2
2	#5470.00	53.8 AV	54.0	-0.2	1.57 V	338	49.6	4.2
3	*5510.00	108.8 PK			1.57 V	338	104.6	4.2
4	*5510.00	99.7 AV			1.57 V	338	95.5	4.2
5	11020.00	49.5 PK	74.0	-24.5	1.55 V	118	35.5	14.0
6	11020.00	38.2 AV	54.0	-15.8	1.55 V	118	24.2	14.0
7	#16530.00	47.3 PK	74.0	-26.7	1.62 V	102	32.4	14.9
8	#16530.00	36.1 AV	54.0	-17.9	1.62 V	102	21.2	14.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	98.0 PK			1.49 H	116	93.8	4.2
2	*5550.00	88.5 AV			1.49 H	116	84.3	4.2
3	11100.00	48.8 PK	74.0	-25.2	1.60 H	256	35.0	13.8
4	11100.00	34.7 AV	54.0	-19.3	1.60 H	256	20.9	13.8
5	#16650.00	48.3 PK	74.0	-25.7	1.63 H	13	32.7	15.6
6	#16650.00	36.3 AV	54.0	-17.7	1.63 H	13	20.7	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	109.6 PK			1.60 V	340	105.4	4.2
2	*5550.00	100.7 AV			1.60 V	340	96.5	4.2
3	11100.00	51.4 PK	74.0	-22.6	1.41 V	146	37.6	13.8
4	11100.00	38.4 AV	54.0	-15.6	1.41 V	146	24.6	13.8
5	#16650.00	52.3 PK	74.0	-21.7	1.76 V	201	36.7	15.6
6	#16650.00	39.4 AV	54.0	-14.6	1.76 V	201	23.8	15.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	97.0 PK			1.52 H	128	92.7	4.3
2	*5670.00	87.6 AV			1.52 H	128	83.3	4.3
3	#5725.00	57.9 PK	74.0	-16.1	1.52 H	128	53.5	4.4
4	#5725.00	43.1 AV	54.0	-10.9	1.52 H	128	38.7	4.4
5	11340.00	49.1 PK	74.0	-24.9	1.56 H	241	35.5	13.6
6	11340.00	34.9 AV	54.0	-19.1	1.56 H	241	21.3	13.6
7	#17010.00	48.9 PK	74.0	-25.1	1.57 H	28	31.8	17.1
8	#17010.00	37.0 AV	54.0	-17.0	1.57 H	28	19.9	17.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	108.6 PK			1.35 V	338	104.3	4.3
2	*5670.00	99.8 AV			1.35 V	338	95.5	4.3
3	#5725.00	67.6 PK	74.0	-6.4	1.35 V	338	63.2	4.4
4	#5725.00	51.6 AV	54.0	-2.4	1.35 V	338	47.2	4.4
5	11340.00	52.0 PK	74.0	-22.0	1.48 V	149	38.4	13.6
6	11340.00	38.6 AV	54.0	-15.4	1.48 V	149	25.0	13.6
7	#17010.00	51.7 PK	74.0	-22.3	1.77 V	214	34.6	17.1
8	#17010.00	39.1 AV	54.0	-14.9	1.77 V	214	22.0	17.1

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	48.8 PK	74.0	-25.2	1.46 H	100	44.8	4.0
2	#5470.00	37.3 AV	54.0	-16.7	1.46 H	100	33.3	4.0
3	*5710.00	100.4 PK			1.46 H	100	96.1	4.3
4	*5710.00	90.8 AV			1.46 H	100	86.5	4.3
5	#5850.00	60.1 PK	74.0	-13.9	1.46 H	100	55.5	4.6
6	#5850.00	45.9 AV	54.0	-8.1	1.46 H	100	41.3	4.6
7	11420.00	47.7 PK	74.0	-26.3	1.65 H	184	33.9	13.8
8	11420.00	35.8 AV	54.0	-18.2	1.65 H	184	22.0	13.8
9	#17130.00	46.9 PK	74.0	-27.1	1.63 H	217	30.4	16.5
10	#17130.00	35.6 AV	54.0	-18.4	1.63 H	217	19.1	16.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	72.7 PK	74.0	-1.3	1.57 V	325	68.7	4.0
2	#5470.00	52.9 AV	54.0	-1.1	1.57 V	325	48.9	4.0
3	*5710.00	109.2 PK			1.57 V	325	104.9	4.3
4	*5710.00	100.0 AV			1.57 V	325	95.7	4.3
5	#5850.00	69.1 PK	74.0	-4.9	1.57 V	325	64.5	4.6
6	#5850.00	49.9 AV	54.0	-4.1	1.57 V	325	45.3	4.6
7	11420.00	49.5 PK	74.0	-24.5	1.56 V	104	35.7	13.8
8	11420.00	38.2 AV	54.0	-15.8	1.56 V	104	24.4	13.8
9	#17130.00	47.4 PK	74.0	-26.6	1.65 V	118	30.9	16.5
10	#17130.00	36.4 AV	54.0	-17.6	1.65 V	118	19.9	16.5

REMARKS:

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

802.11ac (VHT80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	54.2 PK	74.0	-19.8	1.54 H	152	50.5	3.7
2	5150.00	41.0 AV	54.0	-13.0	1.54 H	152	37.3	3.7
3	*5290.00	94.2 PK			1.54 H	152	90.1	4.1
4	*5290.00	85.0 AV			1.54 H	152	80.9	4.1
5	5350.00	66.7 PK	74.0	-7.3	1.54 H	152	62.6	4.1
6	5350.00	51.0 AV	54.0	-3.0	1.54 H	152	46.9	4.1
7	#10580.00	46.8 PK	74.0	-27.2	1.52 H	197	33.4	13.4
8	#10580.00	35.1 AV	54.0	-18.9	1.52 H	197	21.7	13.4
9	15870.00	45.2 PK	74.0	-28.8	1.32 H	23	32.2	13.0
10	15870.00	34.4 AV	54.0	-19.6	1.32 H	23	21.4	13.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	56.7 PK	74.0	-17.3	1.53 V	146	53.0	3.7
2	5150.00	43.9 AV	54.0	-10.1	1.53 V	146	40.2	3.7
3	*5290.00	105.9 PK			1.53 V	146	101.8	4.1
4	*5290.00	96.4 AV			1.53 V	146	92.3	4.1
5	5350.00	69.2 PK	74.0	-4.8	1.53 V	146	65.1	4.1
6	**5350.00**	**53.9 AV**	**54.0**	**-0.1**	**1.53 V**	**146**	**49.8**	**4.1**
7	#10580.00	46.3 PK	74.0	-27.7	1.62 V	303	32.9	13.4
8	#10580.00	35.1 AV	54.0	-18.9	1.62 V	303	21.7	13.4
9	15870.00	46.5 PK	74.0	-27.5	1.66 V	263	33.5	13.0
10	15870.00	34.7 AV	54.0	-19.3	1.66 V	263	21.7	13.0

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	60.6 PK	74.0	-13.4	1.48 H	114	56.4	4.2
2	#5470.00	45.2 AV	54.0	-8.8	1.48 H	114	41.0	4.2
3	*5530.00	94.6 PK			1.48 H	114	90.4	4.2
4	*5530.00	85.2 AV			1.48 H	114	81.0	4.2
5	#5725.00	44.0 PK	74.0	-30.0	1.48 H	114	39.6	4.4
6	#5725.00	32.4 AV	54.0	-21.6	1.48 H	114	28.0	4.4
7	11060.00	47.9 PK	74.0	-26.1	1.66 H	203	34.0	13.9
8	11060.00	36.6 AV	54.0	-17.4	1.66 H	203	22.7	13.9
9	#16590.00	48.4 PK	74.0	-25.6	1.59 H	120	32.8	15.6
10	#16590.00	37.0 AV	54.0	-17.0	1.59 H	120	21.4	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	70.3 PK	74.0	-3.7	1.57 V	340	66.1	4.2
2	#5470.00	53.7 AV	54.0	-0.3	1.57 V	340	49.5	4.2
3	*5530.00	106.2 PK			1.57 V	340	102.0	4.2
4	*5530.00	97.4 AV			1.57 V	340	93.2	4.2
5	#5725.00	53.7 PK	74.0	-20.3	1.57 V	340	49.3	4.4
6	#5725.00	40.9 AV	54.0	-13.1	1.57 V	340	36.5	4.4
7	11060.00	48.4 PK	74.0	-25.6	1.58 V	170	34.5	13.9
8	11060.00	36.9 AV	54.0	-17.1	1.58 V	170	23.0	13.9
9	#16590.00	47.9 PK	74.0	-26.1	1.63 V	179	32.3	15.6
10	#16590.00	36.9 AV	54.0	-17.1	1.63 V	179	21.3	15.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	95.2 PK			1.54 H	100	90.8	4.4
2	*5610.00	85.4 AV			1.54 H	100	81.0	4.4
3	#5725.00	55.8 PK	74.0	-18.2	1.54 H	100	51.4	4.4
4	#5725.00	44.0 AV	54.0	-10.0	1.54 H	100	39.6	4.4
5	11220.00	47.6 PK	74.0	-26.4	1.70 H	199	33.9	13.7
6	11220.00	36.4 AV	54.0	-17.6	1.70 H	199	22.7	13.7
7	#16830.00	48.4 PK	74.0	-25.6	1.62 H	127	32.5	15.9
8	#16830.00	36.8 AV	54.0	-17.2	1.62 H	127	20.9	15.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	106.8 PK			1.55 V	340	102.4	4.4
2	*5610.00	97.6 AV			1.55 V	340	93.2	4.4
3	#5725.00	65.5 PK	74.0	-8.5	1.55 V	340	61.1	4.4
4	#5725.00	52.5 AV	54.0	-1.5	1.55 V	340	48.1	4.4
5	11220.00	48.4 PK	74.0	-25.6	1.53 V	177	34.7	13.7
6	11220.00	37.0 AV	54.0	-17.0	1.53 V	177	23.3	13.7
7	#16830.00	48.1 PK	74.0	-25.9	1.63 V	182	32.2	15.9
8	#16830.00	37.3 AV	54.0	-16.7	1.63 V	182	21.4	15.9

REMARKS:

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