FCC Test Report (WLAN)

Report No.:	RF180816E04-1
FCC ID:	TX2-RTL8822CE
Test Model:	RTL8822CE
Received Date:	Aug. 16, 2018
Test Date:	Oct. 03 to 20, 2018
Issued Date:	Oct. 25, 2018
Applicant:	Realtek Semiconductor Corp.
Address:	No. 2, Innovation Road II, Hsinchu Science Park, Hsinchu 300, Taiwan
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

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Release Control Record

Issue No.	Description	Date Issued
RF180816E04-1	Original release.	Oct. 25, 2018

1 Certificate of Conformity

Product:	802.11a/b/g/n/ac RTL8822CE Combo module
Brand:	Realtek
Test Model:	RTL8822CE
Sample Status:	ENGINEERING SAMPLE
Applicant:	Realtek Semiconductor Corp.
Test Date:	Oct. 03 to 20, 2018
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:** Oct. 25, 2018

Wendy Wu / Specialist

Approved by : _____ , **Date:** Oct. 25, 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 -11.72dB at 0.15000MHz.
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 -1.5dB at 5937.65MHz, 5150.00MHz.
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.

*For U-NII-3 band compliance with rule part 15.407(b)(4)(i), the OOBE test plots were recorded in Annex A.

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	5.53 dB
Radiated Emissions above 1 GHz	1GHz ~ 6GHz	5.10 dB
	6GHz ~ 18GHz	4.85 dB
	18GHz ~ 40GHz	5.24 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT (WLAN)

Product	802.11a/b/g/n/ac RTL8822CE Combo module
Brand	Realtek
Test Model	RTL8822CE
Status of EUT	ENGINEERING SAMPLE
Power Supply Rating	DC 3.3V from host equipment
Modulation Type	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode and VHT20/40 mode in 2.4GHz
Modulation Technology	DSSS,OFDM
Transfer Rate	802.11b: up to 11Mbps 802.11a/g: up to 54Mbps 802.11n: up to 300Mbps 802.11ac: up to 866.7Mbps
Operating Frequency	**2.4GHz**: 2.412 ~ 2.472GHz **5GHz:** 5.18 ~ 5.24GHz, 5.26 ~ 5.32GHz, 5.50 ~ 5.72GHz, 5.745 ~ 5.825GHz
Number of Channel	**2.4GHz:** 802.11b, 802.11g, 802.11n (HT20), VHT20: 13 802.11n (HT40), VHT40: 9 **5GHz:** 802.11a, 802.11n (HT20), 802.11ac (VHT20): 25 802.11n (HT40), 802.11ac (VHT40): 12 802.11ac (VHT80): 6
Output Power	**2.4GHz**: **1TX:** 464.515mW **2TX** **CDD Mode:** 794.001mW **Beamforming Mode:** 752.65mW **5GHz:** **1TX** **5.18 ~ 5.24GHz:** 151.705mW **5.26 ~ 5.32GHz:** 153.462mW **5.50 ~ 5.72GHz:** 155.955mW **5.745 ~ 5.825GHz:** 154.882mW **2TX** **CDD Mode:** **5.18 ~ 5.24GHz:** 203.495mW **5.26 ~ 5.32GHz:** 207.037mW **5.50 ~ 5.72GHz:** 217.036mW **5.745 ~ 5.825GHz:** 307.991mW **Beamforming Mode:** **5.18 ~ 5.24GHz:** 153.297mW **5.26 ~ 5.32GHz:** 152.592mW **5.50 ~ 5.72GHz:** 156.509mW **5.745 ~ 5.825GHz:** 307.991mW

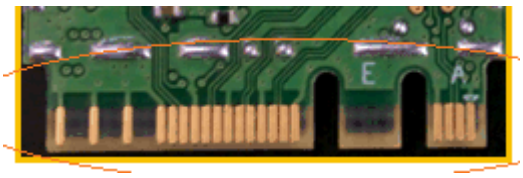
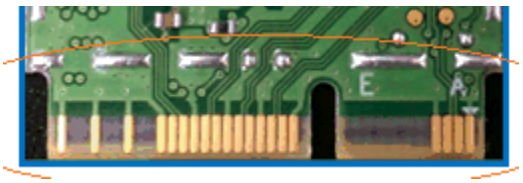
Antenna Type	Refer to Note
Antenna Connector	Refer to Note
Accessory Device	NA
Data Cable Supplied	NA

Note:

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

SKU	Ant Port	Interface
A	Tri	PCI-E with A+E key
B	Tri	PCI-E with E key
C	Dual	PCI-E with A+E key
D	Dual	PCI-E with E key
Note: From the above SKUs, SKU: A was selected as representative model for the test and its data was recorded in this report.		

3. The EUT has two interfaces. The main difference is interface, but RF is the same. Please refer to the following table:

Interface	Photo	Difference
PCI-E with A+E key		Interface (RF is the same.)
PCI-E with E key		

4. Simultaneously transmission condition (only for SKU A, B).

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

5. The EUT has dual antenna and tri antenna, please refer to the following table:

Dual antenna
CON1+CON2 ➢ 2X2 WIFI Antenna port: CON1 & CON2 ➢ 1X1 BT Antenna port: CON1 ➢ WiFi/BT used Time-division duplex function at CON1, so WiFi/BT not transmitter simultaneous at CON1.
Tri antenna
CON1+CON2+CON3 ➢ 2X2 WIFI Antenna port: CON1 & CON2 ➢ 1X1 BT Antenna port: CON3 or CON1 ➢ If BT function at CON1, WiFi/BT used Time-division duplex function, so WiFi/BT not transmitter simultaneous at CON1. ➢ If BT function at CON3, WiFi/BT can transmitter simultaneous for BT at CON 3 and WiFi at CON1 & CON2.

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

Antenna No.	CON No.	Brand	Model	Ant. Net Gain (dBi)	Frequency range (GHz)	Antenna Type	Connecter Type
1	CON1 CON2 CON3 (only for SKU A,B)	LYNwave	ALA110-222050-300011	3.5	2.4~2.4835	PIFA	i-pex(MHF)
				5	5.15~5.85	PIFA	i-pex(MHF)
2	CON1 CON2 CON3 (only for SKU A,B)	PSA	RFDPA171320EMLB301	3.14	2.4~2.4835	Dipole	i-pex(MHF)
				5	5.15~5.85	Dipole	i-pex(MHF)

7. The EUT incorporates a MIMO function.

2.4GHz Band			
MODULATION MODE	**DATA RATE (MCS)**	**TX & RX CONFIGURATION**	
802.11b	1 ~ 11Mbps	2TX	2RX
802.11g	6 ~ 54Mbps	2TX	2RX
802.11n (HT20)	MCS 0~7	2TX	2RX
	MCS 8~15	2TX	2RX
802.11n (HT40)	MCS 0~7	2TX	2RX
	MCS 8~15	2TX	2RX
VHT20	MCS0~8 Nss=1	2TX	2RX
	MCS0~8 Nss=2	2TX	2RX
VHT40	MCS0~9 Nss=1	2TX	2RX
	MCS0~9 Nss=2	2TX	2RX
5GHz Band			
MODULATION MODE	**DATA RATE (MCS)**	**TX & RX CONFIGURATION**	
802.11a	6 ~ 54Mbps	2TX	2RX
802.11n (HT20)	MCS 0~7	2TX	2RX
	MCS 8~15	2TX	2RX
802.11n (HT40)	MCS 0~7	2TX	2RX
	MCS 8~15	2TX	2RX
802.11ac (VHT20)	MCS0~8 Nss=1	2TX	2RX
	MCS0~8 Nss=2	2TX	2RX
802.11ac (VHT40)	MCS0~9 Nss=1	2TX	2RX
	MCS0~9 Nss=2	2TX	2RX
802.11ac (VHT80)	MCS0~9 Nss=1	2TX	2RX
	MCS0~9 Nss=2	2TX	2RX

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. (Final test mode refer section 3.2.1)

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

3.2 Description of Test Modes

FOR 5180 ~ 5240MHz

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

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

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

Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency
42	5210 MHz

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	5530 MHz	138	5690 MHz
122	5610 MHz		

FOR 5745 ~ 5825MHz:

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

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

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

Channel	Frequency	Channel	Frequency
151	5755 MHz	159	5795 MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency
155	5775 MHz

3.2.1 Test Mode Applicability and Tested Channel Detail

EUT Configure Mode	Applicable To				Description
	RE≥1G	RE<1G	PLC	APCM	
1	√	√	√	√	With PIFA Antenna
2	√	√	-	-	With Dipole Antenna

Where **RE≥1G:** Radiated Emission above 1GHz **RE<1G:** Radiated Emission below 1GHz

PLC: Power Line Conducted Emission **APCM:** Antenna Port Conducted Measurement

Note: 1. The EUT's antenna (PIFA) had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **X-plane.**

Radiated Emission Test (Above 1GHz):

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

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

2TX - CDD Mode / 1TX Mode						
Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11a	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)		36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)		38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)		42	42	OFDM	BPSK	29.3
802.11a	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
802.11a	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)		149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)		151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)		155	155	OFDM	BPSK	29.3

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.

2TX - CDD Mode						
Mode	**FREQ. Band (MHz)**	**Available Channel**	**Tested Channel**	**Modulation Technology**	**Modulation Type**	**Data Rate (Mbps)**
802.11ac (VHT20)	5180-5240 5260-5320 5500-5720 5745-5825	36 to 48 52 to 64 100 to 144 149 to 165	149	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.

2TX - CDD Mode						
Mode	**FREQ. Band (MHz)**	**Available Channel**	**Tested Channel**	**Modulation Technology**	**Modulation Type**	**Data Rate (Mbps)**
802.11ac (VHT20)	5180-5240 5260-5320 5500-5720 5745-5825	36 to 48 52 to 64 100 to 144 149 to 165	149	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.

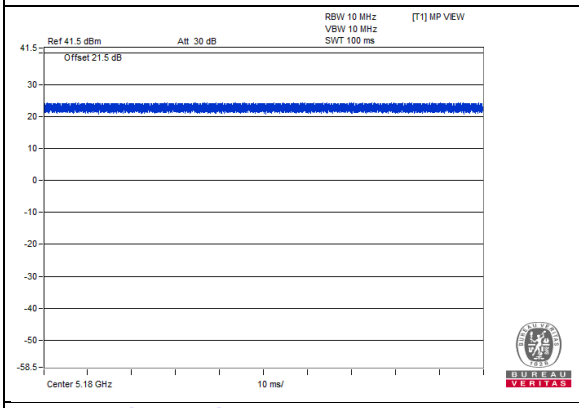
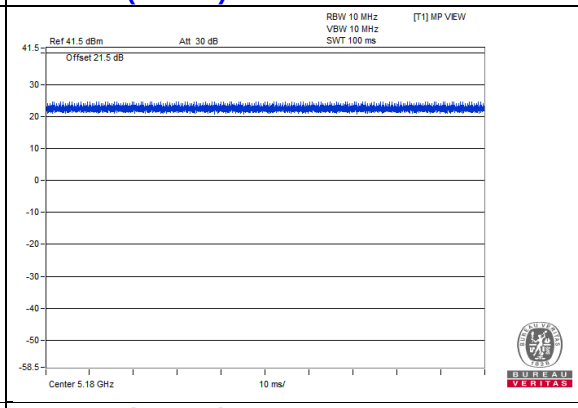
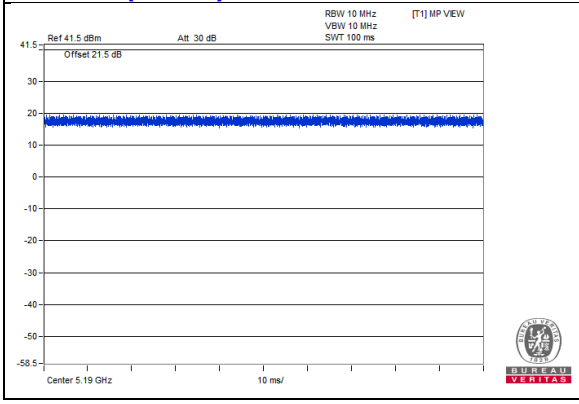
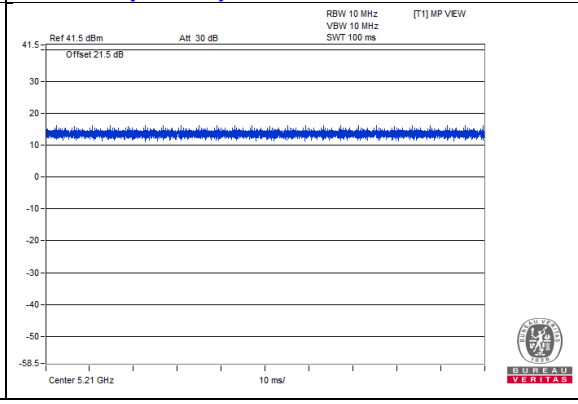
2TX - CDD Mode / 1TX Mode						
Mode	**FREQ. Band (MHz)**	**Available Channel**	**Tested Channel**	**Modulation Technology**	**Modulation Type**	**Data Rate (Mbps)**
802.11a	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6
802.11ac (VHT20)		36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)		38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)		42	42	OFDM	BPSK	29.3
802.11a	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
802.11a	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6
802.11ac (VHT20)		149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)		151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)		155	155	OFDM	BPSK	29.3
2TX - Beamforming Mode (Output power only)						
Mode	**FREQ. Band (MHz)**	**Available Channel**	**Tested Channel**	**Modulation Technology**	**Modulation Type**	**Data Rate (Mbps)**
802.11ac (VHT20)	5180-5240	36 to 48	36, 40, 48	OFDM	BPSK	6.5
802.11ac (VHT40)		38 to 46	38, 46	OFDM	BPSK	13.5
802.11ac (VHT80)		42	42	OFDM	BPSK	29.3
802.11ac (VHT20)	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
802.11ac (VHT20)	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6.5
802.11ac (VHT40)		151 to 159	151, 159	OFDM	BPSK	13.5
802.11ac (VHT80)		155	155	OFDM	BPSK	29.3

Test Condition:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	INPUT POWER (SYSTEM)	TESTED BY
RE≥1G	22deg. C, 66%RH	120Vac, 60Hz	Robert Cheng
RE<1G	21deg. C, 64%RH	120Vac, 60Hz	Steven Chiang
PLC	25deg. C, 75%RH	120Vac, 60Hz	Andy Ho
APCM	25deg. C, 60%RH	120Vac, 60Hz	Robert Cheng

3.3 Duty Cycle of Test Signal

Duty cycle of test signal is 100 %, duty factor is not required.

802.11a	802.11ac (VHT20)
	
802.11ac (VHT40)	**802.11ac (VHT80)**
	

3.4 Description of Support Units

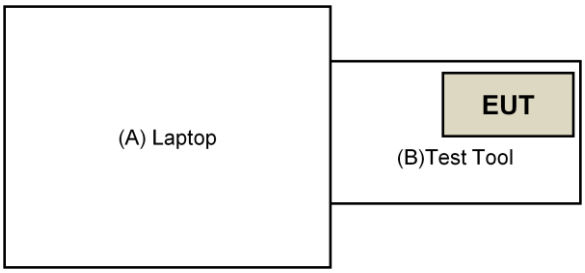
The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Laptop	DELL	E6420	B92T3R1	FCC DoC	Provided by Lab
B.	Test Tool	NA	NA	NA	NA	Supplied by client

Note:

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

3.4.1 Configuration of System under Test



3.5 General Description of Applied Standard

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

FCC Part 15, Subpart E (15.407)
KDB 789033 D02 General UNII Test Procedure New Rules v02r01
KDB 662911 D01 Multiple Transmitter Output v02r01
ANSI C63.10-2013

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

4 Test Types and Results

4.1 Radiated Emission and Bandedge Measurement

4.1.1 Limits of Radiated Emission and Bandedge Measurement

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

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

NOTE:

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

Limits of unwanted emission out of the restricted bands

<table>
<tr><td colspan="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 Keysight	N9038A	MY54450088	July 05, 2018	July 04, 2019
Pre-Amplifier EMCI	EMC001340	980142	Feb. 09, 2018	Feb. 08, 2019
Loop Antenna(*) Electro-Metrics	EM-6879	264	Dec. 16, 2016	Dec. 15, 2018
RF Cable	NA	LOOPCAB-001	Jan. 15, 2018	Jan. 14, 2019
RF Cable	NA	LOOPCAB-002	Jan. 15, 2018	Jan. 14, 2019
Pre-Amplifier Mini-Circuits	ZFL-1000VH2B	AMP-ZFL-01	Nov. 09, 2017	Nov. 08, 2018
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-406	Nov. 29, 2017	Nov. 28, 2018
RF Cable	8D	966-4-1	Mar. 21, 2018	Mar. 20, 2019
RF Cable	8D	966-4-2	Mar. 21, 2018	Mar. 20, 2019
RF Cable	8D	966-4-3	Mar. 21, 2018	Mar. 20, 2019
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-3m-4-01	Sep. 27, 2018	Sep. 26, 2019
Horn_Antenna SCHWARZBECK	BBHA 9120D	9120D-783	Dec. 12, 2017	Dec. 11, 2018
Pre-Amplifier Mini-Circuits	ZVA-183-S+	AMP-ZVA-03	May 10, 2018	May 09, 2019
RF Cable	EMC104-SM-SM-1200	160923	Jan. 29, 2018	Jan. 28, 2019
RF Cable	EMC104-SM-SM-2000	150318	Jan. 29, 2018	Jan. 28, 2019
RF Cable	EMC104-SM-SM-5000	150321	Jan. 29, 2018	Jan. 28, 2019
Pre-Amplifier EMCI	EMC184045SE	980387	Jan. 29, 2018	Jan. 28, 2019
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170608	Dec. 14, 2017	Dec. 13, 2018
RF Cable	EMC102-KM-KM-1200	160925	Jan. 29, 2018	Jan. 28, 2019
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	NA	NA
Spectrum Analyzer R&S	FSV40	100964	June 20, 2018	June 19, 2019
Power meter Anritsu	ML2495A	1014008	May 09, 2018	May 08, 2019
Power sensor Anritsu	MA2411B	0917122	May 09, 2018	May 08, 2019
DC Power Supply Topward	6603D	795558	NA	NA
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	Jan. 10, 2018	Jan. 09, 2019
True RMS Clamp Meter FLUKE	325	31130711WS	May 22, 2018	May 21, 2019

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. 4.
4. The CANADA Site Registration No. is 20331-2
5. Loop antenna was used for all emissions below 30 MHz.
6. Tested Date: Oct. 03 to 20, 2018

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. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.

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

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

NOTE:

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

For Radiated emission above 30MHz

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

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

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

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

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

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

Note:

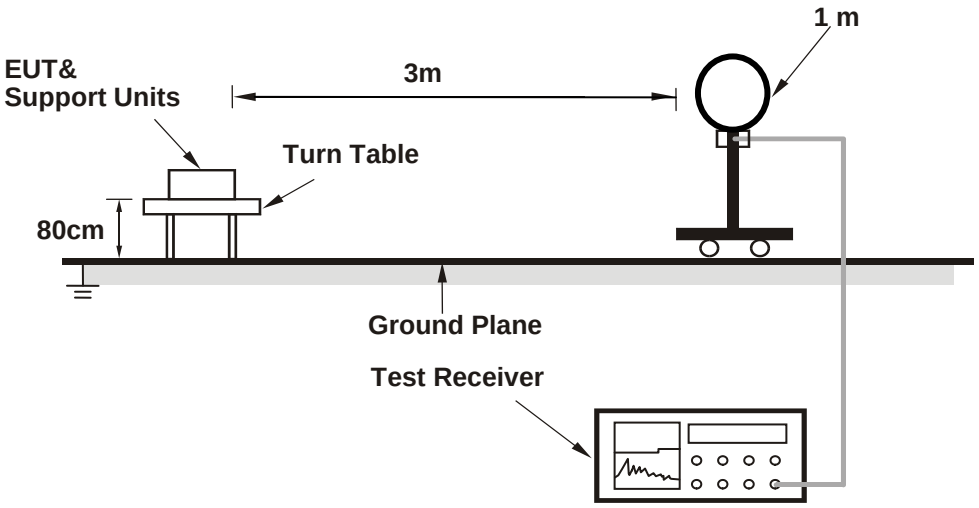
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.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

4.1.4 Deviation from Test Standard

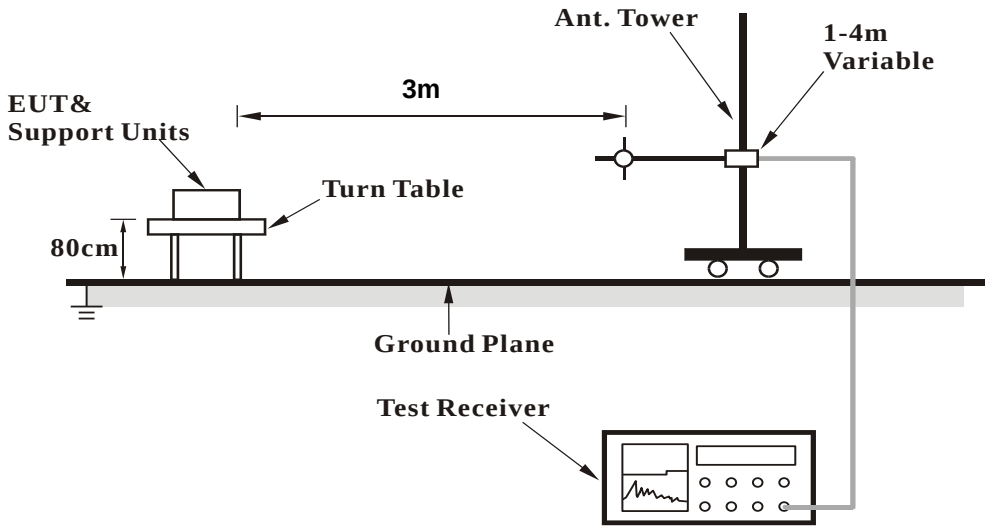
No deviation.

4.1.5 Test Setup

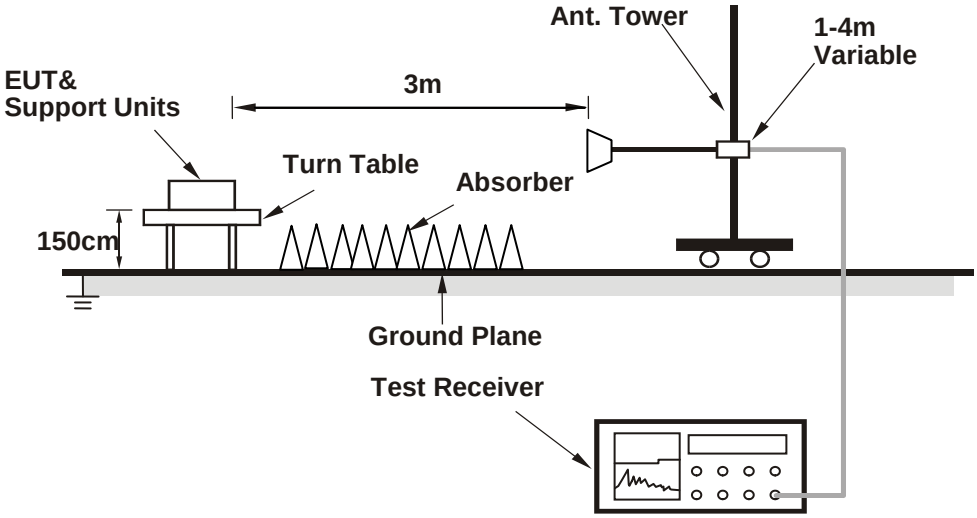
For Radiated emission below 30MHz



For Radiated emission 30MHz to 1GHz



For Radiated emission above 1GHz



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

4.1.6 EUT Operating Condition

a. Connected the EUT with the Laptop which is placed on table.
b. Controlling software (MP_Kit_RTL11 ac_8822CE_PCIE_v0.03) has been activated to set the EUT on specific status.

4.1.7 Test Results (Mode 1)

2TX Mode

Above 1GHz Data:

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	66.0 PK	74.0	-8.0	2.22 H	69	63.0	3.0
2	5150.00	50.2 AV	54.0	-3.8	2.22 H	69	47.2	3.0
3	*5180.00	115.1 PK			2.22 H	69	112.3	2.8
4	*5180.00	105.9 AV			2.22 H	69	103.1	2.8
5	#10360.00	58.0 PK	68.2	-10.2	1.44 H	55	45.6	12.4
6	15540.00	51.7 PK	74.0	-22.3	1.63 H	325	38.9	12.8
7	15540.00	40.1 AV	54.0	-13.9	1.63 H	325	27.3	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	5150.00	58.5 PK	74.0	-15.5	2.58 V	111	55.5	3.0
2	5150.00	44.7 AV	54.0	-9.3	2.58 V	111	41.7	3.0
3	*5180.00	109.4 PK			2.58 V	111	106.6	2.8
4	*5180.00	100.5 AV			2.58 V	111	97.7	2.8
5	#10360.00	59.9 PK	68.2	-8.3	3.66 V	219	47.5	12.4
6	15540.00	52.1 PK	74.0	-21.9	1.93 V	203	39.3	12.8
7	15540.00	39.8 AV	54.0	-14.2	1.93 V	203	27.0	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	115.3 PK			2.23 H	72	112.6	2.7
2	*5200.00	105.8 AV			2.23 H	72	103.1	2.7
3	#10400.00	57.4 PK	68.2	-10.8	1.43 H	55	44.9	12.5
4	15600.00	52.4 PK	74.0	-21.6	1.68 H	305	39.6	12.8
5	15600.00	40.2 AV	54.0	-13.8	1.68 H	305	27.4	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	*5200.00	109.3 PK			2.54 V	112	106.6	2.7
2	*5200.00	100.4 AV			2.54 V	112	97.7	2.7
3	#10400.00	59.7 PK	68.2	-8.5	3.72 V	221	47.2	12.5
4	15600.00	51.2 PK	74.0	-22.8	1.93 V	189	38.4	12.8
5	15600.00	39.1 AV	54.0	-14.9	1.93 V	189	26.3	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	114.9 PK			2.14 H	74	112.4	2.5
2	*5240.00	105.8 AV			2.14 H	74	103.3	2.5
3	5350.00	56.4 PK	74.0	-17.6	2.14 H	74	53.8	2.6
4	5350.00	43.9 AV	54.0	-10.1	2.14 H	74	41.3	2.6
5	#10480.00	57.9 PK	68.2	-10.3	1.46 H	43	44.9	13.0
6	15720.00	51.0 PK	74.0	-23.0	1.65 H	305	38.6	12.4
7	15720.00	39.2 AV	54.0	-14.8	1.65 H	305	26.8	12.4
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	*5240.00	109.3 PK			2.51 V	128	106.8	2.5
2	*5240.00	100.3 AV			2.51 V	128	97.8	2.5
3	5350.00	51.7 PK	74.0	-22.3	2.51 V	128	49.1	2.6
4	5350.00	39.5 AV	54.0	-14.5	2.51 V	128	36.9	2.6
5	#10480.00	59.8 PK	68.2	-8.4	3.74 V	236	46.8	13.0
6	15720.00	51.5 PK	74.0	-22.5	1.98 V	205	39.1	12.4
7	15720.00	39.3 AV	54.0	-14.7	1.98 V	205	26.9	12.4

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 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	55.8 PK	74.0	-18.2	2.14 H	78	52.8	3.0
2	5150.00	39.2 AV	54.0	-14.8	2.14 H	78	36.2	3.0
3	*5260.00	114.7 PK			2.14 H	78	112.3	2.4
4	*5260.00	105.4 AV			2.14 H	78	103.0	2.4
5	#10520.00	60.7 PK	68.2	-7.5	1.48 H	47	47.8	12.9
6	15780.00	49.9 PK	74.0	-24.1	1.64 H	310	37.4	12.5
7	15780.00	38.2 AV	54.0	-15.8	1.64 H	310	25.7	12.5
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	5150.00	56.2 PK	74.0	-17.8	2.63 V	116	53.2	3.0
2	5150.00	39.6 AV	54.0	-14.4	2.63 V	116	36.6	3.0
3	*5260.00	109.6 PK			2.63 V	116	107.2	2.4
4	*5260.00	100.5 AV			2.63 V	116	98.1	2.4
5	#10520.00	60.1 PK	68.2	-8.1	3.74 V	232	47.2	12.9
6	15780.00	51.7 PK	74.0	-22.3	1.97 V	202	39.2	12.5
7	15780.00	39.8 AV	54.0	-14.2	1.97 V	202	27.3	12.5

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 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	115.3 PK			2.19 H	71	112.8	2.5
2	*5300.00	106.3 AV			2.19 H	71	103.8	2.5
3	10600.00	62.2 PK	74.0	-11.8	1.50 H	35	49.8	12.4
4	10600.00	49.5 AV	54.0	-4.5	1.50 H	35	37.1	12.4
5	15900.00	49.8 PK	74.0	-24.2	1.68 H	298	37.5	12.3
6	15900.00	38.3 AV	54.0	-15.7	1.68 H	298	26.0	12.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	109.2 PK			2.62 V	111	106.7	2.5
2	*5300.00	100.3 AV			2.62 V	111	97.8	2.5
3	10600.00	63.5 PK	74.0	-10.5	3.70 V	227	51.1	12.4
4	10600.00	50.3 AV	54.0	-3.7	3.70 V	227	37.9	12.4
5	15900.00	52.4 PK	74.0	-21.6	1.95 V	201	40.1	12.3
6	15900.00	40.1 AV	54.0	-13.9	1.95 V	201	27.8	12.3

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
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	113.7 PK			2.24 H	69	111.2	2.5
2	*5320.00	105.0 AV			2.24 H	69	102.5	2.5
3	5350.00	67.0 PK	74.0	-7.0	2.24 H	69	64.4	2.6
4	5350.00	50.5 AV	54.0	-3.5	2.24 H	69	47.9	2.6
5	10640.00	57.1 PK	74.0	-16.9	1.46 H	37	44.5	12.6
6	10640.00	45.8 AV	54.0	-8.2	1.46 H	37	33.2	12.6
7	15960.00	49.6 PK	74.0	-24.4	1.65 H	283	37.1	12.5
8	15960.00	38.1 AV	54.0	-15.9	1.65 H	283	25.6	12.5
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	*5320.00	109.8 PK			2.58 V	124	107.3	2.5
2	*5320.00	100.8 AV			2.58 V	124	98.3	2.5
3	5350.00	58.3 PK	74.0	-15.7	2.58 V	124	55.7	2.6
4	5350.00	44.2 AV	54.0	-9.8	2.58 V	124	41.6	2.6
5	10640.00	57.7 PK	74.0	-16.3	3.78 V	226	45.1	12.6
6	10640.00	46.9 AV	54.0	-7.1	3.78 V	226	34.3	12.6
7	15960.00	52.4 PK	74.0	-21.6	2.01 V	209	39.9	12.5
8	15960.00	40.1 AV	54.0	-13.9	2.01 V	209	27.6	12.5

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	59.2 PK	74.0	-14.8	2.19 H	69	56.3	2.9
2	5460.00	43.6 AV	54.0	-10.4	2.19 H	69	40.7	2.9
3	#5470.00	66.6 PK	68.2	-1.6	2.19 H	69	63.7	2.9
4	*5500.00	110.7 PK			2.19 H	69	107.8	2.9
5	*5500.00	102.1 AV			2.19 H	69	99.2	2.9
6	11000.00	55.7 PK	74.0	-18.3	1.44 H	41	42.5	13.2
7	11000.00	45.2 AV	54.0	-8.8	1.44 H	41	32.0	13.2
8	#16500.00	50.4 PK	68.2	-17.8	1.65 H	318	35.4	15.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	54.9 PK	74.0	-19.1	2.58 V	123	52.0	2.9
2	5460.00	39.4 AV	54.0	-14.6	2.58 V	123	36.5	2.9
3	#5470.00	60.9 PK	68.2	-7.3	2.58 V	123	58.0	2.9
4	*5500.00	105.7 PK			2.58 V	123	102.8	2.9
5	*5500.00	96.5 AV			2.58 V	123	93.6	2.9
6	11000.00	56.8 PK	74.0	-17.2	3.75 V	241	43.6	13.2
7	11000.00	46.1 AV	54.0	-7.9	3.75 V	241	32.9	13.2
8	#16500.00	51.3 PK	68.2	-16.9	2.02 V	204	36.3	15.0

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 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	112.1 PK			2.10 H	58	108.9	3.2
2	*5580.00	103.1 AV			2.10 H	58	99.9	3.2
3	11160.00	55.6 PK	74.0	-18.4	1.48 H	51	42.5	13.1
4	11160.00	45.1 AV	54.0	-8.9	1.48 H	51	32.0	13.1
5	#16740.00	50.9 PK	68.2	-17.3	1.69 H	299	34.5	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	*5580.00	106.4 PK			2.55 V	98	103.2	3.2
2	*5580.00	97.8 AV			2.55 V	98	94.6	3.2
3	11160.00	57.5 PK	74.0	-16.5	3.79 V	220	44.4	13.1
4	11160.00	46.8 AV	54.0	-7.2	3.79 V	220	33.7	13.1
5	#16740.00	51.3 PK	68.2	-16.9	1.99 V	205	34.9	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.

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	110.9 PK			2.05 H	69	107.5	3.4
2	*5700.00	102.0 AV			2.05 H	69	98.6	3.4
3	#5725.00	66.3 PK	68.2	-1.9	2.05 H	69	63.0	3.3
4	11400.00	53.6 PK	74.0	-20.4	1.51 H	34	40.1	13.5
5	11400.00	43.2 AV	54.0	-10.8	1.51 H	34	29.7	13.5
6	#17100.00	50.9 PK	68.2	-17.3	1.61 H	325	34.8	16.1
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	*5700.00	105.7 PK			2.63 V	114	102.3	3.4
2	*5700.00	96.4 AV			2.63 V	114	93.0	3.4
3	#5725.00	61.3 PK	68.2	-6.9	2.63 V	114	58.0	3.3
4	11400.00	55.1 PK	74.0	-18.9	3.76 V	211	41.6	13.5
5	11400.00	44.7 AV	54.0	-9.3	3.76 V	211	31.2	13.5
6	#17100.00	52.1 PK	68.2	-16.1	1.92 V	194	36.0	16.1

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	112.3 PK			2.13 H	54	109.0	3.3
2	*5720.00	103.5 AV			2.13 H	54	100.2	3.3
3	#5850.00	56.8 PK	68.2	-11.4	2.13 H	54	53.2	3.6
4	11440.00	53.5 PK	74.0	-20.5	1.53 H	45	40.1	13.4
5	11440.00	42.8 AV	54.0	-11.2	1.53 H	45	29.4	13.4
6	#17160.00	51.1 PK	68.2	-17.1	1.67 H	323	34.8	16.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	107.3 PK			2.62 V	127	104.0	3.3
2	*5720.00	97.8 AV			2.62 V	127	94.5	3.3
3	#5850.00	58.2 PK	68.2	-10.0	2.62 V	127	54.6	3.6
4	11440.00	55.4 PK	74.0	-18.6	3.73 V	220	42.0	13.4
5	11440.00	45.0 AV	54.0	-9.0	3.73 V	220	31.6	13.4
6	#17160.00	52.3 PK	68.2	-15.9	2.00 V	191	36.0	16.3

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5639.57	55.1 PK	68.2	-13.1	1.69 H	206	51.9	3.2
2	*5745.00	116.0 PK			1.69 H	206	112.7	3.3
3	*5745.00	107.2 AV			1.69 H	206	103.9	3.3
4	#5943.47	54.6 PK	68.2	-13.6	1.69 H	206	51.1	3.5
5	11490.00	56.4 PK	74.0	-17.6	1.54 H	53	43.0	13.4
6	11490.00	44.4 AV	54.0	-9.6	1.54 H	53	31.0	13.4
7	#17235.00	59.3 PK	68.2	-8.9	1.66 H	302	42.6	16.7
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	#5629.56	54.3 PK	68.2	-13.9	2.57 V	112	51.0	3.3
2	*5745.00	112.7 PK			2.57 V	112	109.4	3.3
3	*5745.00	103.6 AV			2.57 V	112	100.3	3.3
4	#5940.03	54.6 PK	68.2	-13.6	2.57 V	112	51.1	3.5
5	11490.00	57.6 PK	74.0	-16.4	3.91 V	209	44.2	13.4
6	11490.00	44.9 AV	54.0	-9.1	3.91 V	209	31.5	13.4
7	#17235.00	58.7 PK	68.2	-9.5	3.61 V	135	42.0	16.7

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5637.63	55.6 PK	68.2	-12.6	1.68 H	212	52.4	3.2
2	*5785.00	116.2 PK			1.68 H	212	112.9	3.3
3	*5785.00	107.5 AV			1.68 H	212	104.2	3.3
4	#5971.32	55.1 PK	68.2	-13.1	1.68 H	212	51.5	3.6
5	11570.00	56.4 PK	74.0	-17.6	1.45 H	39	43.0	13.4
6	11570.00	44.1 AV	54.0	-9.9	1.45 H	39	30.7	13.4
7	#17355.00	59.6 PK	68.2	-8.6	1.66 H	321	42.3	17.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5573.60	54.2 PK	68.2	-14.0	2.55 V	114	51.0	3.2
2	*5785.00	112.8 PK			2.55 V	114	109.5	3.3
3	*5785.00	103.5 AV			2.55 V	114	100.2	3.3
4	#5995.51	55.2 PK	68.2	-13.0	2.55 V	114	51.5	3.7
5	11570.00	57.2 PK	74.0	-16.8	3.90 V	199	43.8	13.4
6	11570.00	45.0 AV	54.0	-9.0	3.90 V	199	31.6	13.4
7	#17355.00	62.2 PK	68.2	-6.0	3.58 V	137	44.9	17.3

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5583.31	54.5 PK	68.2	-13.7	1.73 H	215	51.3	3.2
2	*5825.00	116.1 PK			1.73 H	215	112.6	3.5
3	*5825.00	107.0 AV			1.73 H	215	103.5	3.5
4	#5935.72	54.8 PK	68.2	-13.4	1.73 H	215	51.2	3.6
5	11650.00	56.1 PK	74.0	-17.9	1.46 H	51	42.8	13.3
6	11650.00	43.8 AV	54.0	-10.2	1.46 H	51	30.5	13.3
7	#17475.00	59.3 PK	68.2	-8.9	1.67 H	319	41.1	18.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5582.82	54.2 PK	68.2	-14.0	2.51 V	114	51.0	3.2
2	*5825.00	112.5 PK			2.51 V	114	109.0	3.5
3	*5825.00	103.1 AV			2.51 V	114	99.6	3.5
4	#5985.81	55.0 PK	68.2	-13.2	2.51 V	114	51.3	3.7
5	11650.00	57.5 PK	74.0	-16.5	3.89 V	214	44.2	13.3
6	11650.00	44.8 AV	54.0	-9.2	3.89 V	214	31.5	13.3
7	#17475.00	62.0 PK	68.2	-6.2	3.59 V	136	43.8	18.2

REMARKS:

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

802.11ac (VHT20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.3 PK	74.0	-4.7	2.20 H	70	66.3	3.0
2	5150.00	51.9 AV	54.0	-2.1	2.20 H	70	48.9	3.0
3	*5180.00	115.3 PK			2.20 H	70	112.5	2.8
4	*5180.00	106.0 AV			2.20 H	70	103.2	2.8
5	#10360.00	57.2 PK	68.2	-11.0	1.44 H	39	44.8	12.4
6	15540.00	51.7 PK	74.0	-22.3	1.64 H	296	38.9	12.8
7	15540.00	39.8 AV	54.0	-14.2	1.64 H	296	27.0	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	5150.00	58.6 PK	74.0	-15.4	2.54 V	117	55.6	3.0
2	5150.00	44.7 AV	54.0	-9.3	2.54 V	117	41.7	3.0
3	*5180.00	109.6 PK			2.54 V	117	106.8	2.8
4	*5180.00	100.9 AV			2.54 V	117	98.1	2.8
5	#10360.00	59.7 PK	68.2	-8.5	3.65 V	210	47.3	12.4
6	15540.00	51.9 PK	74.0	-22.1	1.96 V	187	39.1	12.8
7	15540.00	39.7 AV	54.0	-14.3	1.96 V	187	26.9	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	115.5 PK			2.19 H	59	112.8	2.7
2	*5200.00	106.3 AV			2.19 H	59	103.6	2.7
3	#10400.00	58.3 PK	68.2	-9.9	1.52 H	56	45.8	12.5
4	15600.00	52.0 PK	74.0	-22.0	1.58 H	320	39.2	12.8
5	15600.00	40.1 AV	54.0	-13.9	1.58 H	320	27.3	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	*5200.00	109.0 PK			2.62 V	114	106.3	2.7
2	*5200.00	100.3 AV			2.62 V	114	97.6	2.7
3	#10400.00	59.5 PK	68.2	-8.7	3.71 V	217	47.0	12.5
4	15600.00	51.8 PK	74.0	-22.2	1.98 V	193	39.0	12.8
5	15600.00	39.4 AV	54.0	-14.6	1.98 V	193	26.6	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	115.3 PK			2.15 H	67	112.8	2.5
2	*5240.00	106.2 AV			2.15 H	67	103.7	2.5
3	5350.00	57.5 PK	74.0	-16.5	2.15 H	67	54.9	2.6
4	5350.00	44.6 AV	54.0	-9.4	2.15 H	67	42.0	2.6
5	#10480.00	57.6 PK	68.2	-10.6	1.53 H	56	44.6	13.0
6	15720.00	51.5 PK	74.0	-22.5	1.63 H	307	39.1	12.4
7	15720.00	39.7 AV	54.0	-14.3	1.63 H	307	27.3	12.4
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	*5240.00	109.4 PK			2.57 V	120	106.9	2.5
2	*5240.00	100.4 AV			2.57 V	120	97.9	2.5
3	5350.00	51.6 PK	74.0	-22.4	2.57 V	120	49.0	2.6
4	5350.00	39.6 AV	54.0	-14.4	2.57 V	120	37.0	2.6
5	#10480.00	59.1 PK	68.2	-9.1	3.67 V	233	46.1	13.0
6	15720.00	51.5 PK	74.0	-22.5	2.02 V	191	39.1	12.4
7	15720.00	39.4 AV	54.0	-14.6	2.02 V	191	27.0	12.4

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 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	55.1 PK	74.0	-18.9	2.12 H	78	52.1	3.0
2	5150.00	38.9 AV	54.0	-15.1	2.12 H	78	35.9	3.0
3	*5260.00	115.7 PK			2.12 H	78	113.3	2.4
4	*5260.00	106.5 AV			2.12 H	78	104.1	2.4
5	#10520.00	58.7 PK	68.2	-9.5	1.45 H	48	45.8	12.9
6	15780.00	51.1 PK	74.0	-22.9	1.59 H	300	38.6	12.5
7	15780.00	39.0 AV	54.0	-15.0	1.59 H	300	26.5	12.5
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	5150.00	56.1 PK	74.0	-17.9	2.59 V	114	53.1	3.0
2	5150.00	39.9 AV	54.0	-14.1	2.59 V	114	36.9	3.0
3	*5260.00	108.9 PK			2.59 V	114	106.5	2.4
4	*5260.00	100.1 AV			2.59 V	114	97.7	2.4
5	#10520.00	59.3 PK	68.2	-8.9	3.64 V	215	46.4	12.9
6	15780.00	52.1 PK	74.0	-21.9	1.97 V	197	39.6	12.5
7	15780.00	39.9 AV	54.0	-14.1	1.97 V	197	27.4	12.5

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 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	115.3 PK			2.20 H	77	112.8	2.5
2	*5300.00	105.9 AV			2.20 H	77	103.4	2.5
3	10600.00	61.9 PK	74.0	-12.1	1.46 H	38	49.5	12.4
4	10600.00	46.8 AV	54.0	-7.2	1.46 H	38	34.4	12.4
5	15900.00	51.6 PK	74.0	-22.4	1.59 H	324	39.3	12.3
6	15900.00	39.4 AV	54.0	-14.6	1.59 H	324	27.1	12.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	109.2 PK			2.61 V	98	106.7	2.5
2	*5300.00	100.5 AV			2.61 V	98	98.0	2.5
3	10600.00	64.5 PK	74.0	-9.5	3.45 V	228	52.1	12.4
4	10600.00	47.7 AV	54.0	-6.3	3.45 V	228	35.3	12.4
5	15900.00	51.2 PK	74.0	-22.8	1.93 V	208	38.9	12.3
6	15900.00	39.1 AV	54.0	-14.9	1.93 V	208	26.8	12.3

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
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	115.4 PK			2.19 H	73	112.9	2.5
2	*5320.00	105.7 AV			2.19 H	73	103.2	2.5
3	5350.00	66.3 PK	74.0	-7.7	2.19 H	73	63.7	2.6
4	5350.00	50.3 AV	54.0	-3.7	2.19 H	73	47.7	2.6
5	10640.00	58.9 PK	74.0	-15.1	1.44 H	43	46.3	12.6
6	10640.00	45.5 AV	54.0	-8.5	1.44 H	43	32.9	12.6
7	15960.00	50.8 PK	74.0	-23.2	1.62 H	298	38.3	12.5
8	15960.00	39.1 AV	54.0	-14.9	1.62 H	298	26.6	12.5
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	*5320.00	109.2 PK			2.52 V	104	106.7	2.5
2	*5320.00	100.3 AV			2.52 V	104	97.8	2.5
3	5350.00	58.5 PK	74.0	-15.5	2.52 V	104	55.9	2.6
4	5350.00	44.3 AV	54.0	-9.7	2.52 V	104	41.7	2.6
5	10640.00	61.7 PK	74.0	-12.3	3.89 V	226	49.1	12.6
6	10640.00	47.1 AV	54.0	-6.9	3.89 V	226	34.5	12.6
7	15960.00	52.2 PK	74.0	-21.8	1.99 V	214	39.7	12.5
8	15960.00	39.7 AV	54.0	-14.3	1.99 V	214	27.2	12.5

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	59.4 PK	74.0	-14.6	2.19 H	69	56.5	2.9
2	5460.00	43.5 AV	54.0	-10.5	2.19 H	69	40.6	2.9
3	#5470.00	66.2 PK	68.2	-2.0	2.19 H	69	63.3	2.9
4	*5500.00	111.2 PK			2.19 H	69	108.3	2.9
5	*5500.00	101.3 AV			2.19 H	69	98.4	2.9
6	11000.00	54.5 PK	74.0	-19.5	1.51 H	51	41.3	13.2
7	11000.00	43.6 AV	54.0	-10.4	1.51 H	51	30.4	13.2
8	#16500.00	50.9 PK	68.2	-17.3	1.69 H	321	35.9	15.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	55.3 PK	74.0	-18.7	2.62 V	123	52.4	2.9
2	5460.00	40.1 AV	54.0	-13.9	2.62 V	123	37.2	2.9
3	#5470.00	60.0 PK	68.2	-8.2	2.62 V	123	57.1	2.9
4	*5500.00	105.9 PK			2.62 V	123	103.0	2.9
5	*5500.00	95.8 AV			2.62 V	123	92.9	2.9
6	11000.00	56.3 PK	74.0	-17.7	3.74 V	249	43.1	13.2
7	11000.00	45.0 AV	54.0	-9.0	3.74 V	249	31.8	13.2
8	#16500.00	51.2 PK	68.2	-17.0	1.95 V	201	36.2	15.0

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 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	113.5 PK			2.13 H	84	110.3	3.2
2	*5580.00	103.5 AV			2.13 H	84	100.3	3.2
3	11160.00	55.9 PK	74.0	-18.1	1.44 H	41	42.8	13.1
4	11160.00	44.5 AV	54.0	-9.5	1.44 H	41	31.4	13.1
5	#16740.00	51.0 PK	68.2	-17.2	1.64 H	298	34.6	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	*5580.00	108.1 PK			2.62 V	102	104.9	3.2
2	*5580.00	97.9 AV			2.62 V	102	94.7	3.2
3	11160.00	57.7 PK	74.0	-16.3	3.79 V	234	44.6	13.1
4	11160.00	46.2 AV	54.0	-7.8	3.79 V	234	33.1	13.1
5	#16740.00	51.5 PK	68.2	-16.7	1.94 V	201	35.1	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.

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	110.8 PK			2.18 H	71	107.4	3.4
2	*5700.00	101.0 AV			2.18 H	71	97.6	3.4
3	#5725.00	66.2 PK	68.2	-2.0	2.18 H	71	62.9	3.3
4	11400.00	55.3 PK	74.0	-18.7	1.48 H	58	41.8	13.5
5	11400.00	43.5 AV	54.0	-10.5	1.48 H	58	30.0	13.5
6	#17100.00	51.6 PK	68.2	-16.6	1.70 H	316	35.5	16.1
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	*5700.00	106.1 PK			2.55 V	104	102.7	3.4
2	*5700.00	96.4 AV			2.55 V	104	93.0	3.4
3	#5725.00	60.3 PK	68.2	-7.9	2.55 V	104	57.0	3.3
4	11400.00	58.2 PK	74.0	-15.8	3.71 V	257	44.7	13.5
5	11400.00	45.8 AV	54.0	-8.2	3.71 V	257	32.3	13.5
6	#17100.00	51.4 PK	68.2	-16.8	2.03 V	191	35.3	16.1

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	111.9 PK			2.09 H	66	108.6	3.3
2	*5720.00	103.0 AV			2.09 H	66	99.7	3.3
3	#5850.00	55.6 PK	68.2	-12.6	2.09 H	66	52.0	3.6
4	11440.00	53.5 PK	74.0	-20.5	1.52 H	46	40.1	13.4
5	11440.00	41.7 AV	54.0	-12.3	1.52 H	46	28.3	13.4
6	#17160.00	51.5 PK	68.2	-16.7	1.67 H	301	35.2	16.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	106.5 PK			2.62 V	109	103.2	3.3
2	*5720.00	97.3 AV			2.62 V	109	94.0	3.3
3	#5850.00	54.8 PK	68.2	-13.4	2.62 V	109	51.2	3.6
4	11440.00	56.5 PK	74.0	-17.5	3.73 V	207	43.1	13.4
5	11440.00	44.9 AV	54.0	-9.1	3.73 V	207	31.5	13.4
6	#17160.00	51.6 PK	68.2	-16.6	1.87 V	198	35.3	16.3

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5645.07	55.3 PK	68.2	-12.9	1.65 H	210	52.1	3.2
2	*5745.00	116.3 PK			1.65 H	210	113.0	3.3
3	*5745.00	107.3 AV			1.65 H	210	104.0	3.3
4	#5943.82	55.0 PK	68.2	-13.2	1.65 H	210	51.5	3.5
5	11490.00	56.9 PK	74.0	-17.1	1.45 H	59	43.5	13.4
6	11490.00	44.6 AV	54.0	-9.4	1.45 H	59	31.2	13.4
7	#17235.00	59.3 PK	68.2	-8.9	1.65 H	316	42.6	16.7
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	#5587.73	55.4 PK	68.2	-12.8	2.53 V	112	52.2	3.2
2	*5745.00	112.8 PK			2.53 V	112	109.5	3.3
3	*5745.00	103.4 AV			2.53 V	112	100.1	3.3
4	#5940.85	55.7 PK	68.2	-12.5	2.53 V	112	52.2	3.5
5	11490.00	56.9 PK	74.0	-17.1	3.72 V	213	43.5	13.4
6	11490.00	44.4 AV	54.0	-9.6	3.72 V	213	31.0	13.4
7	#17235.00	58.9 PK	68.2	-9.3	1.96 V	174	42.2	16.7

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5594.16	55.2 PK	68.2	-13.0	1.69 H	208	52.0	3.2
2	*5785.00	116.3 PK			1.69 H	208	113.0	3.3
3	*5785.00	107.3 AV			1.69 H	208	104.0	3.3
4	#5937.42	55.2 PK	68.2	-13.0	1.69 H	208	51.6	3.6
5	11570.00	55.7 PK	74.0	-18.3	1.50 H	49	42.3	13.4
6	11570.00	43.8 AV	54.0	-10.2	1.50 H	49	30.4	13.4
7	#17355.00	59.0 PK	68.2	-9.2	1.66 H	321	41.7	17.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5605.81	54.6 PK	68.2	-13.6	2.47 V	120	51.3	3.3
2	*5785.00	112.8 PK			2.47 V	120	109.5	3.3
3	*5785.00	103.3 AV			2.47 V	120	100.0	3.3
4	#5968.85	55.3 PK	68.2	-12.9	2.47 V	120	51.7	3.6
5	11570.00	57.4 PK	74.0	-16.6	3.74 V	231	44.0	13.4
6	11570.00	45.1 AV	54.0	-8.9	3.74 V	231	31.7	13.4
7	#17355.00	58.9 PK	68.2	-9.3	1.96 V	189	41.6	17.3

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5581.72	54.2 PK	68.2	-14.0	1.66 H	200	51.0	3.2
2	*5825.00	115.8 PK			1.66 H	200	112.3	3.5
3	*5825.00	106.9 AV			1.66 H	200	103.4	3.5
4	#5944.18	54.4 PK	68.2	-13.8	1.66 H	200	50.9	3.5
5	11650.00	56.3 PK	74.0	-17.7	1.53 H	51	43.0	13.3
6	11650.00	43.9 AV	54.0	-10.1	1.53 H	51	30.6	13.3
7	#17475.00	58.7 PK	68.2	-9.5	1.64 H	320	40.5	18.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5606.89	53.8 PK	68.2	-14.4	2.52 V	98	50.5	3.3
2	*5825.00	112.2 PK			2.52 V	98	108.7	3.5
3	*5825.00	102.6 AV			2.52 V	98	99.1	3.5
4	#5937.05	54.5 PK	68.2	-13.7	2.52 V	98	50.9	3.6
5	11650.00	57.2 PK	74.0	-16.8	3.68 V	226	43.9	13.3
6	11650.00	44.8 AV	54.0	-9.2	3.68 V	226	31.5	13.3
7	#17475.00	59.1 PK	68.2	-9.1	1.89 V	199	40.9	18.2

REMARKS:

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

802.11ac (VHT40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.2 PK	74.0	-6.8	2.21 H	70	64.2	3.0
2	5150.00	52.3 AV	54.0	-1.7	2.21 H	70	49.3	3.0
3	*5190.00	109.9 PK			2.21 H	70	107.1	2.8
4	*5190.00	100.1 AV			2.21 H	70	97.3	2.8
5	#10380.00	51.6 PK	68.2	-16.6	1.50 H	34	39.2	12.4
6	15570.00	51.4 PK	74.0	-22.6	1.67 H	309	38.6	12.8
7	15570.00	39.7 AV	54.0	-14.3	1.67 H	309	26.9	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	5150.00	59.0 PK	74.0	-15.0	2.52 V	122	56.0	3.0
2	5150.00	45.4 AV	54.0	-8.6	2.52 V	122	42.4	3.0
3	*5190.00	104.4 PK			2.52 V	122	101.6	2.8
4	*5190.00	94.5 AV			2.52 V	122	91.7	2.8
5	#10380.00	50.4 PK	68.2	-17.8	3.78 V	237	38.0	12.4
6	15570.00	52.2 PK	74.0	-21.8	1.88 V	182	39.4	12.8
7	15570.00	40.4 AV	54.0	-13.6	1.88 V	182	27.6	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5230.00	113.9 PK			2.25 H	83	111.4	2.5
2	*5230.00	103.8 AV			2.25 H	83	101.3	2.5
3	5350.00	55.5 PK	74.0	-18.5	2.25 H	83	52.9	2.6
4	5350.00	43.3 AV	54.0	-10.7	2.25 H	83	40.7	2.6
5	#10460.00	53.9 PK	68.2	-14.3	1.53 H	42	41.0	12.9
6	15690.00	51.3 PK	74.0	-22.7	1.59 H	307	38.9	12.4
7	15690.00	39.6 AV	54.0	-14.4	1.59 H	307	27.2	12.4
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	*5230.00	108.5 PK			2.59 V	103	106.0	2.5
2	*5230.00	98.1 AV			2.59 V	103	95.6	2.5
3	5350.00	51.1 PK	74.0	-22.9	2.59 V	103	48.5	2.6
4	5350.00	39.1 AV	54.0	-14.9	2.59 V	103	36.5	2.6
5	#10460.00	55.8 PK	68.2	-12.4	3.70 V	223	42.9	12.9
6	15690.00	51.9 PK	74.0	-22.1	1.90 V	196	39.5	12.4
7	15690.00	40.2 AV	54.0	-13.8	1.90 V	196	27.8	12.4

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 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	51.9 PK	74.0	-22.1	2.18 H	66	48.9	3.0
2	5150.00	40.1 AV	54.0	-13.9	2.18 H	66	37.1	3.0
3	*5270.00	114.2 PK			2.18 H	66	111.8	2.4
4	*5270.00	103.9 AV			2.18 H	66	101.5	2.4
5	#10540.00	50.5 PK	68.2	-17.7	1.43 H	60	37.7	12.8
6	15810.00	51.7 PK	74.0	-22.3	1.58 H	304	39.3	12.4
7	15810.00	39.7 AV	54.0	-14.3	1.58 H	304	27.3	12.4
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	50.9 PK	74.0	-23.1	2.60 V	105	47.9	3.0
2	5150.00	39.2 AV	54.0	-14.8	2.60 V	105	36.2	3.0
3	*5270.00	107.9 PK			2.60 V	105	105.5	2.4
4	*5270.00	97.7 AV			2.60 V	105	95.3	2.4
5	#10540.00	54.7 PK	68.2	-13.5	3.75 V	229	41.9	12.8
6	15810.00	52.2 PK	74.0	-21.8	1.90 V	195	39.8	12.4
7	15810.00	40.2 AV	54.0	-13.8	1.90 V	195	27.8	12.4

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	109.4 PK			2.08 H	71	107.0	2.4
2	*5310.00	99.6 AV			2.08 H	71	97.2	2.4
3	5350.00	70.3 PK	74.0	-3.7	2.08 H	71	67.7	2.6
4	5350.00	52.4 AV	54.0	-1.6	2.08 H	71	49.8	2.6
5	10620.00	53.6 PK	74.0	-20.4	1.47 H	56	41.1	12.5
6	10620.00	42.0 AV	54.0	-12.0	1.47 H	56	29.5	12.5
7	15930.00	51.3 PK	74.0	-22.7	1.60 H	299	38.9	12.4
8	15930.00	39.8 AV	54.0	-14.2	1.60 H	299	27.4	12.4
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	*5310.00	104.2 PK			2.54 V	122	101.8	2.4
2	*5310.00	91.1 AV			2.54 V	122	88.7	2.4
3	5350.00	57.6 PK	74.0	-16.4	2.54 V	122	55.0	2.6
4	5350.00	43.9 AV	54.0	-10.1	2.54 V	122	41.3	2.6
5	10620.00	54.9 PK	74.0	-19.1	3.69 V	229	42.4	12.5
6	10620.00	43.3 AV	54.0	-10.7	3.69 V	229	30.8	12.5
7	15930.00	52.5 PK	74.0	-21.5	1.91 V	190	40.1	12.4
8	15930.00	40.4 AV	54.0	-13.6	1.91 V	190	28.0	12.4

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	58.8 PK	74.0	-15.2	2.02 H	71	55.9	2.9
2	5460.00	43.2 AV	54.0	-10.8	2.02 H	71	40.3	2.9
3	#5470.00	66.3 PK	68.2	-1.9	2.02 H	71	63.4	2.9
4	*5510.00	106.6 PK			2.02 H	71	103.7	2.9
5	*5510.00	97.2 AV			2.02 H	71	94.3	2.9
6	11020.00	50.9 PK	74.0	-23.1	1.47 H	59	37.7	13.2
7	11020.00	38.1 AV	54.0	-15.9	1.47 H	59	24.9	13.2
8	#16530.00	50.9 PK	68.2	-17.3	1.67 H	297	36.0	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	5460.00	55.1 PK	74.0	-18.9	2.53 V	116	52.2	2.9
2	5460.00	39.0 AV	54.0	-15.0	2.53 V	116	36.1	2.9
3	#5470.00	59.5 PK	68.2	-8.7	2.53 V	116	56.6	2.9
4	*5510.00	101.1 PK			2.53 V	116	98.2	2.9
5	*5510.00	91.5 AV			2.53 V	116	88.6	2.9
6	11020.00	52.3 PK	74.0	-21.7	3.69 V	208	39.1	13.2
7	11020.00	39.2 AV	54.0	-14.8	3.69 V	208	26.0	13.2
8	#16530.00	51.5 PK	68.2	-16.7	1.94 V	195	36.6	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	112.3 PK			2.14 H	64	109.3	3.0
2	*5550.00	102.6 AV			2.14 H	64	99.6	3.0
3	11100.00	50.9 PK	74.0	-23.1	1.44 H	41	37.9	13.0
4	11100.00	40.3 AV	54.0	-13.7	1.44 H	41	27.3	13.0
5	#16650.00	51.1 PK	68.2	-17.1	1.69 H	319	35.5	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	106.9 PK			2.59 V	126	103.9	3.0
2	*5550.00	97.2 AV			2.59 V	126	94.2	3.0
3	11100.00	54.7 PK	74.0	-19.3	3.72 V	236	41.7	13.0
4	11100.00	41.6 AV	54.0	-12.4	3.72 V	236	28.6	13.0
5	#16650.00	52.8 PK	68.2	-15.4	1.94 V	198	37.2	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	110.9 PK			2.06 H	72	107.6	3.3
2	*5670.00	101.2 AV			2.06 H	72	97.9	3.3
3	#5725.00	66.1 PK	68.2	-2.1	2.06 H	72	62.8	3.3
4	11340.00	51.1 PK	74.0	-22.9	1.49 H	55	37.6	13.5
5	11340.00	40.7 AV	54.0	-13.3	1.49 H	55	27.2	13.5
6	#17010.00	50.5 PK	68.2	-17.7	1.63 H	311	34.0	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	*5670.00	105.1 PK			2.62 V	108	101.8	3.3
2	*5670.00	95.6 AV			2.62 V	108	92.3	3.3
3	#5725.00	60.1 PK	68.2	-8.1	2.62 V	108	56.8	3.3
4	11340.00	53.0 PK	74.0	-21.0	3.69 V	221	39.5	13.5
5	11340.00	40.1 AV	54.0	-13.9	3.69 V	221	26.6	13.5
6	#17010.00	53.0 PK	68.2	-15.2	1.95 V	196	36.5	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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5710.00	111.9 PK			2.20 H	79	108.6	3.3
2	*5710.00	102.3 AV			2.20 H	79	99.0	3.3
3	#5850.00	57.3 PK	68.2	-10.9	2.20 H	79	53.7	3.6
4	11420.00	52.0 PK	74.0	-22.0	1.45 H	56	38.6	13.4
5	11420.00	39.7 AV	54.0	-14.3	1.45 H	56	26.3	13.4
6	#17130.00	51.7 PK	68.2	-16.5	1.66 H	313	35.4	16.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5710.00	106.3 PK			2.54 V	99	103.0	3.3
2	*5710.00	96.9 AV			2.54 V	99	93.6	3.3
3	#5850.00	52.2 PK	68.2	-16.0	2.54 V	99	48.6	3.6
4	11420.00	52.9 PK	74.0	-21.1	3.72 V	210	39.5	13.4
5	11420.00	39.7 AV	54.0	-14.3	3.72 V	210	26.3	13.4
6	#17130.00	52.6 PK	68.2	-15.6	1.93 V	187	36.3	16.3

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5614.67	58.0 PK	68.2	-10.2	1.44 H	216	54.7	3.3
2	*5755.00	111.3 PK			1.44 H	216	108.0	3.3
3	*5755.00	101.9 AV			1.44 H	216	98.6	3.3
4	#5939.46	63.9 PK	68.2	-4.3	1.44 H	216	60.3	3.6
5	11510.00	51.0 PK	74.0	-23.0	1.43 H	58	37.6	13.4
6	11510.00	38.8 AV	54.0	-15.2	1.43 H	58	25.4	13.4
7	#17265.00	51.0 PK	68.2	-17.2	1.59 H	294	34.2	16.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5645.87	57.7 PK	68.2	-10.5	2.47 V	135	54.5	3.2
2	*5755.00	106.3 PK			2.47 V	135	103.0	3.3
3	*5755.00	97.1 AV			2.47 V	135	93.8	3.3
4	#5950.73	60.4 PK	68.2	-7.8	2.47 V	135	56.9	3.5
5	11510.00	49.7 PK	74.0	-24.3	3.77 V	228	36.3	13.4
6	11510.00	38.2 AV	54.0	-15.8	3.77 V	228	24.8	13.4
7	#17265.00	52.8 PK	68.2	-15.4	1.99 V	185	36.0	16.8

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5630.04	55.2 PK	68.2	-13.0	1.50 H	228	51.9	3.3
2	*5795.00	111.2 PK			1.50 H	228	107.9	3.3
3	*5795.00	101.6 AV			1.50 H	228	98.3	3.3
4	**#5937.65**	**66.7 PK**	**68.2**	**-1.5**	**1.50 H**	**228**	**63.1**	**3.6**
5	11590.00	51.6 PK	74.0	-22.4	1.44 H	55	38.2	13.4
6	11590.00	39.2 AV	54.0	-14.8	1.44 H	55	25.8	13.4
7	#17385.00	51.6 PK	68.2	-16.6	1.63 H	321	34.1	17.5
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	#5635.16	55.2 PK	68.2	-13.0	2.48 V	151	52.0	3.2
2	*5795.00	106.9 PK			2.48 V	151	103.6	3.3
3	*5795.00	97.4 AV			2.48 V	151	94.1	3.3
4	#5926.59	62.8 PK	68.2	-5.4	2.48 V	151	59.2	3.6
5	11590.00	49.8 PK	74.0	-24.2	3.67 V	213	36.4	13.4
6	11590.00	38.3 AV	54.0	-15.7	3.67 V	213	24.9	13.4
7	#17385.00	52.6 PK	68.2	-15.6	1.92 V	184	35.1	17.5

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.3 PK	74.0	-5.7	2.19 H	72	65.3	3.0
2	5150.00	52.3 AV	54.0	-1.7	2.19 H	72	49.3	3.0
3	*5210.00	105.3 PK			2.19 H	72	102.6	2.7
4	*5210.00	95.3 AV			2.19 H	72	92.6	2.7
5	#10420.00	50.7 PK	68.2	-17.5	1.52 H	37	38.1	12.6
6	15630.00	51.0 PK	74.0	-23.0	1.62 H	318	38.3	12.7
7	15630.00	39.6 AV	54.0	-14.4	1.62 H	318	26.9	12.7
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	5150.00	58.8 PK	74.0	-15.2	2.59 V	122	55.8	3.0
2	5150.00	45.2 AV	54.0	-8.8	2.59 V	122	42.2	3.0
3	*5210.00	98.7 PK			2.59 V	122	96.0	2.7
4	*5210.00	89.8 AV			2.59 V	122	87.1	2.7
5	#10420.00	49.5 PK	68.2	-18.7	3.67 V	208	36.9	12.6
6	15630.00	51.9 PK	74.0	-22.1	1.99 V	184	39.2	12.7
7	15630.00	39.7 AV	54.0	-14.3	1.99 V	184	27.0	12.7

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5290.00	105.7 PK			2.12 H	70	103.3	2.4
2	*5290.00	95.3 AV			2.12 H	70	92.9	2.4
3	5350.00	65.3 PK	74.0	-8.7	2.12 H	70	62.7	2.6
4	5350.00	52.4 AV	54.0	-1.6	2.12 H	70	49.8	2.6
5	#10580.00	50.4 PK	68.2	-17.8	1.47 H	34	37.8	12.6
6	15870.00	50.7 PK	74.0	-23.3	1.67 H	320	38.3	12.4
7	15870.00	39.6 AV	54.0	-14.4	1.67 H	320	27.2	12.4
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	*5290.00	99.1 PK			2.55 V	112	96.7	2.4
2	*5290.00	90.2 AV			2.55 V	112	87.8	2.4
3	5350.00	58.3 PK	74.0	-15.7	2.55 V	112	55.7	2.6
4	5350.00	44.4 AV	54.0	-9.6	2.55 V	112	41.8	2.6
5	#10580.00	49.9 PK	68.2	-18.3	3.68 V	211	37.3	12.6
6	15870.00	52.6 PK	74.0	-21.4	1.98 V	176	40.2	12.4
7	15870.00	40.2 AV	54.0	-13.8	1.98 V	176	27.8	12.4

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	61.5 PK	74.0	-12.5	1.99 H	70	58.6	2.9
2	5460.00	45.6 AV	54.0	-8.4	1.99 H	70	42.7	2.9
3	#5470.00	66.3 PK	68.2	-1.9	1.99 H	70	63.4	2.9
4	*5530.00	103.3 PK			1.99 H	70	100.3	3.0
5	*5530.00	92.7 AV			1.99 H	70	89.7	3.0
6	11060.00	50.6 PK	74.0	-23.4	1.45 H	37	37.4	13.2
7	11060.00	38.3 AV	54.0	-15.7	1.45 H	37	25.1	13.2
8	#16590.00	50.6 PK	68.2	-17.6	1.64 H	319	35.5	15.1
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	5460.00	54.6 PK	74.0	-19.4	2.56 V	119	51.7	2.9
2	5460.00	39.3 AV	54.0	-14.7	2.56 V	119	36.4	2.9
3	#5470.00	59.9 PK	68.2	-8.3	2.56 V	119	57.0	2.9
4	*5530.00	97.9 PK			2.56 V	119	94.9	3.0
5	*5530.00	87.1 AV			2.56 V	119	84.1	3.0
6	11060.00	49.3 PK	74.0	-24.7	3.74 V	230	36.1	13.2
7	11060.00	37.7 AV	54.0	-16.3	3.74 V	230	24.5	13.2
8	#16590.00	52.1 PK	68.2	-16.1	1.91 V	198	37.0	15.1

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 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	108.6 PK			2.18 H	71	105.3	3.3
2	*5610.00	98.0 AV			2.18 H	71	94.7	3.3
3	#5725.00	65.6 PK	68.2	-2.6	2.18 H	71	62.3	3.3
4	11220.00	50.3 PK	74.0	-23.7	1.54 H	60	37.1	13.2
5	11220.00	38.0 AV	54.0	-16.0	1.54 H	60	24.8	13.2
6	#16830.00	51.0 PK	68.2	-17.2	1.64 H	299	34.4	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	*5610.00	103.1 PK			2.54 V	110	99.8	3.3
2	*5610.00	92.5 AV			2.54 V	110	89.2	3.3
3	#5725.00	60.1 PK	68.2	-8.1	2.54 V	110	56.8	3.3
4	11220.00	48.9 PK	74.0	-25.1	3.76 V	234	35.7	13.2
5	11220.00	37.5 AV	54.0	-16.5	3.76 V	234	24.3	13.2
6	#16830.00	52.0 PK	68.2	-16.2	1.88 V	178	35.4	16.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5690.00	110.3 PK			2.23 H	66	107.0	3.3
2	*5690.00	99.8 AV			2.23 H	66	96.5	3.3
3	#5850.00	55.5 PK	68.2	-12.7	2.23 H	66	51.9	3.6
4	11380.00	50.5 PK	74.0	-23.5	1.50 H	40	37.0	13.5
5	11380.00	38.4 AV	54.0	-15.6	1.50 H	40	24.9	13.5
6	#17070.00	51.8 PK	68.2	-16.4	1.62 H	303	35.6	16.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5690.00	104.9 PK			2.55 V	119	101.6	3.3
2	*5690.00	94.5 AV			2.55 V	119	91.2	3.3
3	#5850.00	55.5 PK	68.2	-12.7	2.55 V	119	51.9	3.6
4	11380.00	49.9 PK	74.0	-24.1	3.72 V	236	36.4	13.5
5	11380.00	38.5 AV	54.0	-15.5	3.72 V	236	25.0	13.5
6	#17070.00	52.3 PK	68.2	-15.9	1.92 V	192	36.1	16.2

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5647.76	66.6 PK	68.2	-1.6	1.67 H	205	63.4	3.2
2	*5775.00	107.5 PK			1.67 H	205	104.1	3.4
3	*5775.00	97.2 AV			1.67 H	205	93.8	3.4
4	#5928.54	65.4 PK	68.2	-2.8	1.67 H	205	61.8	3.6
5	11550.00	51.8 PK	74.0	-22.2	1.43 H	42	38.5	13.3
6	11550.00	39.3 AV	54.0	-14.7	1.43 H	42	26.0	13.3
7	#17325.00	50.7 PK	68.2	-17.5	1.68 H	326	33.6	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	#5642.34	64.9 PK	68.2	-3.3	2.56 V	138	61.7	3.2
2	*5775.00	103.5 PK			2.56 V	138	100.1	3.4
3	*5775.00	93.0 AV			2.56 V	138	89.6	3.4
4	#5937.37	61.3 PK	68.2	-6.9	2.56 V	138	57.7	3.6
5	11550.00	50.5 PK	74.0	-23.5	3.67 V	223	37.2	13.3
6	11550.00	38.6 AV	54.0	-15.4	3.67 V	223	25.3	13.3
7	#17325.00	51.8 PK	68.2	-16.4	1.88 V	205	34.7	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.

Below 1GHz Data:

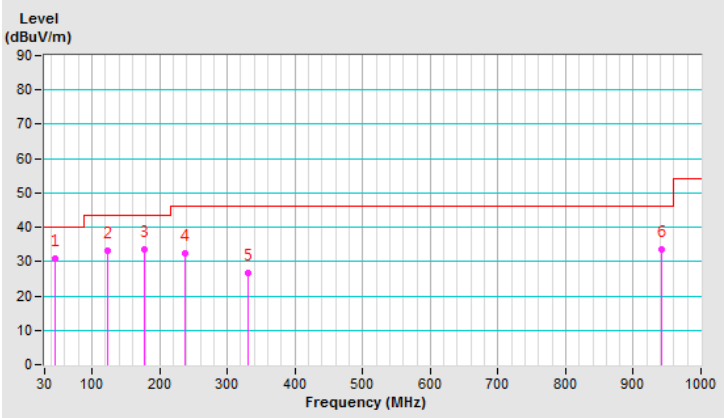
802.11ac (VHT20)

CHANNEL	TX Channel 149	**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	44.70	30.8 QP	40.0	-9.2	1.00 H	264	38.8	-8.0
2	123.70	33.2 QP	43.5	-10.3	1.00 H	101	42.7	-9.5
3	177.12	33.5 QP	43.5	-10.0	1.00 H	165	42.5	-9.0
4	238.23	32.5 QP	46.0	-13.5	1.50 H	50	42.0	-9.5
5	329.95	26.6 QP	46.0	-19.4	1.50 H	245	32.7	-6.1
6	942.09	33.6 QP	46.0	-12.4	2.00 H	360	27.4	6.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

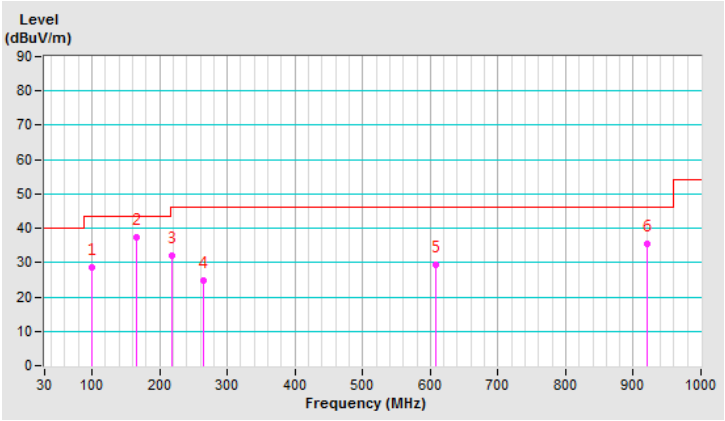


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	99.79	28.5 QP	43.5	-15.0	1.50 V	214	40.8	-12.3
2	166.42	37.3 QP	43.5	-6.2	1.50 V	312	45.3	-8.0
3	217.60	31.9 QP	46.0	-14.1	2.00 V	223	43.1	-11.2
4	265.54	24.9 QP	46.0	-21.1	1.50 V	143	33.2	-8.3
5	608.61	29.4 QP	46.0	-16.6	2.00 V	235	28.4	1.0
6	920.80	35.6 QP	46.0	-10.4	2.00 V	22	29.7	5.9

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. Margin value = Emission Level – Limit value
4. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



1TX Mode

Above 1GHz Data:

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	68.6 PK	74.0	-5.4	2.09 H	61	65.6	3.0
2	5150.00	52.3 AV	54.0	-1.7	2.09 H	61	49.3	3.0
3	*5180.00	112.5 PK			2.09 H	61	109.7	2.8
4	*5180.00	103.8 AV			2.09 H	61	101.0	2.8
5	#10360.00	57.8 PK	68.2	-10.4	1.55 H	121	45.4	12.4
6	15540.00	52.0 PK	74.0	-22.0	3.02 H	96	39.2	12.8
7	15540.00	40.2 AV	54.0	-13.8	3.02 H	96	27.4	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	5150.00	58.5 PK	74.0	-15.5	3.79 V	45	55.5	3.0
2	5150.00	44.6 AV	54.0	-9.4	3.79 V	45	41.6	3.0
3	*5180.00	106.2 PK			3.79 V	45	103.4	2.8
4	*5180.00	97.8 AV			3.79 V	45	95.0	2.8
5	#10360.00	59.5 PK	68.2	-8.7	3.53 V	225	47.1	12.4
6	15540.00	55.2 PK	74.0	-18.8	3.18 V	147	42.4	12.8
7	15540.00	43.1 AV	54.0	-10.9	3.18 V	147	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	113.1 PK			2.07 H	66	110.4	2.7
2	*5200.00	104.2 AV			2.07 H	66	101.5	2.7
3	#10400.00	57.9 PK	68.2	-10.3	1.64 H	114	45.4	12.5
4	15600.00	52.0 PK	74.0	-22.0	3.04 H	96	39.2	12.8
5	15600.00	40.0 AV	54.0	-14.0	3.04 H	96	27.2	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	*5200.00	105.9 PK			3.77 V	49	103.2	2.7
2	*5200.00	97.8 AV			3.77 V	49	95.1	2.7
3	#10400.00	59.1 PK	68.2	-9.1	3.50 V	219	46.6	12.5
4	15600.00	54.7 PK	74.0	-19.3	3.16 V	143	41.9	12.8
5	15600.00	42.1 AV	54.0	-11.9	3.16 V	143	29.3	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	112.8 PK			2.10 H	62	110.3	2.5
2	*5240.00	103.7 AV			2.10 H	62	101.2	2.5
3	5350.00	56.8 PK	74.0	-17.2	2.10 H	62	54.2	2.6
4	5350.00	44.2 AV	54.0	-9.8	2.10 H	62	41.6	2.6
5	#10480.00	58.0 PK	68.2	-10.2	1.57 H	108	45.0	13.0
6	15720.00	51.4 PK	74.0	-22.6	3.00 H	96	39.0	12.4
7	15720.00	39.6 AV	54.0	-14.4	3.00 H	96	27.2	12.4
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	*5240.00	106.1 PK			3.80 V	47	103.6	2.5
2	*5240.00	97.6 AV			3.80 V	47	95.1	2.5
3	5350.00	51.8 PK	74.0	-22.2	3.80 V	47	49.2	2.6
4	5350.00	39.8 AV	54.0	-14.2	3.80 V	47	37.2	2.6
5	#10480.00	60.9 PK	68.2	-7.3	3.40 V	243	47.9	13.0
6	15720.00	53.2 PK	74.0	-20.8	3.37 V	144	40.8	12.4
7	15720.00	40.9 AV	54.0	-13.1	3.37 V	144	28.5	12.4

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 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	55.7 PK	74.0	-18.3	2.09 H	58	52.7	3.0
2	5150.00	39.2 AV	54.0	-14.8	2.09 H	58	36.2	3.0
3	*5260.00	113.0 PK			2.09 H	58	110.6	2.4
4	*5260.00	103.8 AV			2.09 H	58	101.4	2.4
5	#10520.00	58.3 PK	68.2	-9.9	1.61 H	120	45.4	12.9
6	15780.00	51.4 PK	74.0	-22.6	2.96 H	109	38.9	12.5
7	15780.00	39.3 AV	54.0	-14.7	2.96 H	109	26.8	12.5
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	5150.00	55.7 PK	74.0	-18.3	3.85 V	54	52.7	3.0
2	5150.00	39.4 AV	54.0	-14.6	3.85 V	54	36.4	3.0
3	*5260.00	106.2 PK			3.85 V	54	103.8	2.4
4	*5260.00	98.0 AV			3.85 V	54	95.6	2.4
5	#10520.00	60.5 PK	68.2	-7.7	3.39 V	242	47.6	12.9
6	15780.00	52.7 PK	74.0	-21.3	3.35 V	144	40.2	12.5
7	15780.00	40.4 AV	54.0	-13.6	3.35 V	144	27.9	12.5

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 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	112.7 PK			2.06 H	76	110.2	2.5
2	*5300.00	103.3 AV			2.06 H	76	100.8	2.5
3	10600.00	58.3 PK	74.0	-15.7	1.57 H	109	45.9	12.4
4	10600.00	44.5 AV	54.0	-9.5	1.57 H	109	32.1	12.4
5	15900.00	51.4 PK	74.0	-22.6	2.97 H	98	39.1	12.3
6	15900.00	39.4 AV	54.0	-14.6	2.97 H	98	27.1	12.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	106.9 PK			3.82 V	32	104.4	2.5
2	*5300.00	98.3 AV			3.82 V	32	95.8	2.5
3	10600.00	60.8 PK	74.0	-13.2	3.38 V	233	48.4	12.4
4	10600.00	47.1 AV	54.0	-6.9	3.38 V	233	34.7	12.4
5	15900.00	53.1 PK	74.0	-20.9	3.40 V	149	40.8	12.3
6	15900.00	40.7 AV	54.0	-13.3	3.40 V	149	28.4	12.3

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
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	110.8 PK			2.08 H	64	108.3	2.5
2	*5320.00	102.1 AV			2.08 H	64	99.6	2.5
3	5350.00	68.2 PK	74.0	-5.8	2.08 H	64	65.6	2.6
4	5350.00	52.2 AV	54.0	-1.8	2.08 H	64	49.6	2.6
5	10640.00	57.2 PK	74.0	-16.8	1.60 H	123	44.6	12.6
6	10640.00	43.9 AV	54.0	-10.1	1.60 H	123	31.3	12.6
7	15960.00	50.8 PK	74.0	-23.2	3.06 H	87	38.3	12.5
8	15960.00	39.2 AV	54.0	-14.8	3.06 H	87	26.7	12.5
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	*5320.00	104.7 PK			3.83 V	61	102.2	2.5
2	*5320.00	96.1 AV			3.83 V	61	93.6	2.5
3	5350.00	58.7 PK	74.0	-15.3	3.83 V	61	56.1	2.6
4	5350.00	44.5 AV	54.0	-9.5	3.83 V	61	41.9	2.6
5	10640.00	59.8 PK	74.0	-14.2	3.42 V	226	47.2	12.6
6	10640.00	45.8 AV	54.0	-8.2	3.42 V	226	33.2	12.6
7	15960.00	51.8 PK	74.0	-22.2	3.46 V	143	39.3	12.5
8	15960.00	39.6 AV	54.0	-14.4	3.46 V	143	27.1	12.5

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	59.2 PK	74.0	-14.8	2.17 H	65	56.3	2.9
2	5460.00	43.5 AV	54.0	-10.5	2.17 H	65	40.6	2.9
3	#5470.00	66.5 PK	68.2	-1.7	2.17 H	65	63.6	2.9
4	*5500.00	109.2 PK			2.17 H	65	106.3	2.9
5	*5500.00	100.2 AV			2.17 H	65	97.3	2.9
6	11000.00	51.8 PK	74.0	-22.2	1.61 H	109	38.6	13.2
7	11000.00	40.3 AV	54.0	-13.7	1.61 H	109	27.1	13.2
8	#16500.00	51.1 PK	68.2	-17.1	2.99 H	107	36.1	15.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	55.2 PK	74.0	-18.8	3.80 V	36	52.3	2.9
2	5460.00	39.8 AV	54.0	-14.2	3.80 V	36	36.9	2.9
3	#5470.00	60.1 PK	68.2	-8.1	3.80 V	36	57.2	2.9
4	*5500.00	103.5 PK			3.80 V	36	100.6	2.9
5	*5500.00	94.3 AV			3.80 V	36	91.4	2.9
6	11000.00	53.8 PK	74.0	-20.2	3.46 V	262	40.6	13.2
7	11000.00	41.7 AV	54.0	-12.3	3.46 V	262	28.5	13.2
8	#16500.00	53.0 PK	68.2	-15.2	3.53 V	328	38.0	15.0

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 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	111.6 PK			2.08 H	67	108.4	3.2
2	*5580.00	102.1 AV			2.08 H	67	98.9	3.2
3	11160.00	52.2 PK	74.0	-21.8	1.53 H	101	39.1	13.1
4	11160.00	40.9 AV	54.0	-13.1	1.53 H	101	27.8	13.1
5	#16740.00	51.4 PK	68.2	-16.8	2.96 H	109	35.0	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	*5580.00	105.1 PK			3.85 V	32	101.9	3.2
2	*5580.00	96.4 AV			3.85 V	32	93.2	3.2
3	11160.00	54.1 PK	74.0	-19.9	3.43 V	275	41.0	13.1
4	11160.00	42.1 AV	54.0	-11.9	3.43 V	275	29.0	13.1
5	#16740.00	53.2 PK	68.2	-15.0	3.55 V	334	36.8	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.

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	108.8 PK			2.06 H	65	105.4	3.4
2	*5700.00	100.0 AV			2.06 H	65	96.6	3.4
3	#5725.00	66.5 PK	68.2	-1.7	2.06 H	65	63.2	3.3
4	11400.00	51.6 PK	74.0	-22.4	1.51 H	106	38.1	13.5
5	11400.00	40.3 AV	54.0	-13.7	1.51 H	106	26.8	13.5
6	#17100.00	51.3 PK	68.2	-16.9	3.02 H	104	35.2	16.1
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	*5700.00	103.4 PK			3.83 V	49	100.0	3.4
2	*5700.00	94.2 AV			3.83 V	49	90.8	3.4
3	#5725.00	60.3 PK	68.2	-7.9	3.83 V	49	57.0	3.3
4	11400.00	53.9 PK	74.0	-20.1	3.47 V	278	40.4	13.5
5	11400.00	41.7 AV	54.0	-12.3	3.47 V	278	28.2	13.5
6	#17100.00	53.4 PK	68.2	-14.8	3.50 V	328	37.3	16.1

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	110.6 PK			2.01 H	67	107.3	3.3
2	*5720.00	102.4 AV			2.01 H	67	99.1	3.3
3	#5850.00	55.9 PK	68.2	-12.3	2.01 H	67	52.3	3.6
4	11440.00	53.7 PK	74.0	-20.3	1.55 H	99	40.3	13.4
5	11440.00	41.8 AV	54.0	-12.2	1.55 H	99	28.4	13.4
6	#17160.00	51.7 PK	68.2	-16.5	2.96 H	103	35.4	16.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	104.3 PK			3.77 V	43	101.0	3.3
2	*5720.00	96.7 AV			3.77 V	43	93.4	3.3
3	#5850.00	55.3 PK	68.2	-12.9	3.77 V	43	51.7	3.6
4	11440.00	55.2 PK	74.0	-18.8	3.23 V	228	41.8	13.4
5	11440.00	42.9 AV	54.0	-11.1	3.23 V	228	29.5	13.4
6	#17160.00	52.5 PK	68.2	-15.7	4.00 V	157	36.2	16.3

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5593.93	53.9 PK	68.2	-14.3	1.62 H	228	50.7	3.2
2	*5745.00	110.6 PK			1.62 H	228	107.3	3.3
3	*5745.00	101.7 AV			1.62 H	228	98.4	3.3
4	#5992.17	53.7 PK	68.2	-14.5	1.62 H	228	50.0	3.7
5	11490.00	56.2 PK	74.0	-17.8	3.30 H	178	42.8	13.4
6	11490.00	44.1 AV	54.0	-9.9	3.30 H	178	30.7	13.4
7	#17235.00	59.1 PK	68.2	-9.1	4.00 H	220	42.4	16.7
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	#5574.68	53.5 PK	68.2	-14.7	2.13 V	274	50.3	3.2
2	*5745.00	104.8 PK			2.13 V	274	101.5	3.3
3	*5745.00	96.0 AV			2.13 V	274	92.7	3.3
4	#6004.24	53.8 PK	68.2	-14.4	2.13 V	274	50.1	3.7
5	11490.00	57.1 PK	74.0	-16.9	3.17 V	213	43.7	13.4
6	11490.00	44.8 AV	54.0	-9.2	3.17 V	213	31.4	13.4
7	#17235.00	59.0 PK	68.2	-9.2	4.00 V	134	42.3	16.7

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5624.30	55.3 PK	68.2	-12.9	1.60 H	224	52.0	3.3
2	*5785.00	110.5 PK			1.60 H	224	107.2	3.3
3	*5785.00	101.3 AV			1.60 H	224	98.0	3.3
4	#6006.00	54.7 PK	68.2	-13.5	1.60 H	224	51.0	3.7
5	11570.00	56.8 PK	74.0	-17.2	3.27 H	179	43.4	13.4
6	11570.00	44.6 AV	54.0	-9.4	3.27 H	179	31.2	13.4
7	#17355.00	59.3 PK	68.2	-8.9	3.98 H	223	42.0	17.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5566.53	53.0 PK	68.2	-15.2	2.12 V	275	49.8	3.2
2	*5785.00	105.2 PK			2.12 V	275	101.9	3.3
3	*5785.00	96.0 AV			2.12 V	275	92.7	3.3
4	#5991.63	53.6 PK	68.2	-14.6	2.12 V	275	49.9	3.7
5	11570.00	57.2 PK	74.0	-16.8	3.13 V	226	43.8	13.4
6	11570.00	45.0 AV	54.0	-9.0	3.13 V	226	31.6	13.4
7	#17355.00	59.2 PK	68.2	-9.0	3.98 V	131	41.9	17.3

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5592.57	54.0 PK	68.2	-14.2	1.63 H	235	50.8	3.2
2	*5825.00	110.0 PK			1.63 H	235	106.5	3.5
3	*5825.00	101.3 AV			1.63 H	235	97.8	3.5
4	#5991.67	53.4 PK	68.2	-14.8	1.63 H	235	49.7	3.7
5	11650.00	56.6 PK	74.0	-17.4	3.30 H	188	43.3	13.3
6	11650.00	44.4 AV	54.0	-9.6	3.30 H	188	31.1	13.3
7	#17475.00	59.3 PK	68.2	-8.9	3.96 H	231	41.1	18.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5637.80	53.4 PK	68.2	-14.8	2.10 V	280	50.2	3.2
2	*5825.00	104.8 PK			2.10 V	280	101.3	3.5
3	*5825.00	95.9 AV			2.10 V	280	92.4	3.5
4	#5958.94	52.5 PK	68.2	-15.7	2.10 V	280	49.0	3.5
5	11650.00	57.2 PK	74.0	-16.8	3.10 V	224	43.9	13.3
6	11650.00	44.9 AV	54.0	-9.1	3.10 V	224	31.6	13.3
7	#17475.00	59.5 PK	68.2	-8.7	4.00 V	124	41.3	18.2

REMARKS:

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

802.11ac (VHT20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.7 PK	74.0	-5.3	2.12 H	54	65.7	3.0
2	5150.00	52.2 AV	54.0	-1.8	2.12 H	54	49.2	3.0
3	*5180.00	112.2 PK			2.14 H	68	109.4	2.8
4	*5180.00	103.6 AV			2.14 H	68	100.8	2.8
5	#10360.00	57.6 PK	68.2	-10.6	1.55 H	107	45.2	12.4
6	15540.00	52.0 PK	74.0	-22.0	2.99 H	99	39.2	12.8
7	15540.00	40.2 AV	54.0	-13.8	2.99 H	99	27.4	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	5150.00	59.1 PK	74.0	-14.9	3.79 V	48	56.1	3.0
2	5150.00	45.0 AV	54.0	-9.0	3.79 V	48	42.0	3.0
3	*5180.00	106.9 PK			3.79 V	48	104.1	2.8
4	*5180.00	97.8 AV			3.79 V	48	95.0	2.8
5	#10360.00	59.7 PK	68.2	-8.5	3.20 V	215	47.3	12.4
6	15540.00	55.5 PK	74.0	-18.5	4.00 V	133	42.7	12.8
7	15540.00	43.2 AV	54.0	-10.8	4.00 V	133	30.4	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	113.4 PK			2.15 H	81	110.7	2.7
2	*5200.00	104.7 AV			2.15 H	81	102.0	2.7
3	#10400.00	51.0 PK	68.2	-17.2	1.61 H	100	38.5	12.5
4	15600.00	51.4 PK	74.0	-22.6	2.96 H	83	38.6	12.8
5	15600.00	39.8 AV	54.0	-14.2	2.96 H	83	27.0	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	*5200.00	107.9 PK			3.85 V	53	105.2	2.7
2	*5200.00	98.9 AV			3.85 V	53	96.2	2.7
3	#10400.00	59.3 PK	68.2	-8.9	3.16 V	225	46.8	12.5
4	15600.00	55.4 PK	74.0	-18.6	4.00 V	148	42.6	12.8
5	15600.00	42.6 AV	54.0	-11.4	4.00 V	148	29.8	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	113.7 PK			2.19 H	71	111.2	2.5
2	*5240.00	105.1 AV			2.19 H	71	102.6	2.5
3	5350.00	57.2 PK	74.0	-16.8	2.19 H	71	54.6	2.6
4	5350.00	44.6 AV	54.0	-9.4	2.19 H	71	42.0	2.6
5	#10480.00	57.9 PK	68.2	-10.3	1.60 H	119	44.9	13.0
6	15720.00	51.6 PK	74.0	-22.4	3.00 H	104	39.2	12.4
7	15720.00	40.1 AV	54.0	-13.9	3.00 H	104	27.7	12.4
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	*5240.00	107.9 PK			3.85 V	47	105.4	2.5
2	*5240.00	99.2 AV			3.85 V	47	96.7	2.5
3	5350.00	51.2 PK	74.0	-22.8	3.85 V	47	48.6	2.6
4	5350.00	39.3 AV	54.0	-14.7	3.85 V	47	36.7	2.6
5	#10480.00	59.7 PK	68.2	-8.5	3.10 V	225	46.7	13.0
6	15720.00	53.2 PK	74.0	-20.8	4.00 V	162	40.8	12.4
7	15720.00	40.8 AV	54.0	-13.2	4.00 V	162	28.4	12.4

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	56.1 PK	74.0	-17.9	2.17 H	66	53.1	3.0
2	5150.00	39.7 AV	54.0	-14.3	2.17 H	66	36.7	3.0
3	*5260.00	113.8 PK			2.17 H	66	111.4	2.4
4	*5260.00	104.9 AV			2.17 H	66	102.5	2.4
5	#10520.00	58.0 PK	68.2	-10.2	1.62 H	94	45.1	12.9
6	15780.00	51.9 PK	74.0	-22.1	3.03 H	105	39.4	12.5
7	15780.00	39.5 AV	54.0	-14.5	3.03 H	105	27.0	12.5
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	5150.00	55.2 PK	74.0	-18.8	3.84 V	58	52.2	3.0
2	5150.00	38.9 AV	54.0	-15.1	3.84 V	58	35.9	3.0
3	*5260.00	107.9 PK			3.84 V	58	105.5	2.4
4	*5260.00	98.7 AV			3.84 V	58	96.3	2.4
5	#10520.00	60.4 PK	68.2	-7.8	3.20 V	202	47.5	12.9
6	15780.00	52.9 PK	74.0	-21.1	3.93 V	148	40.4	12.5
7	15780.00	40.8 AV	54.0	-13.2	3.93 V	148	28.3	12.5

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 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	113.3 PK			2.21 H	95	110.8	2.5
2	*5300.00	104.5 AV			2.21 H	95	102.0	2.5
3	10600.00	58.0 PK	74.0	-16.0	1.58 H	100	45.6	12.4
4	10600.00	44.2 AV	54.0	-9.8	1.58 H	100	31.8	12.4
5	15900.00	52.0 PK	74.0	-22.0	3.00 H	107	39.7	12.3
6	15900.00	39.7 AV	54.0	-14.3	3.00 H	107	27.4	12.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	107.5 PK			3.76 V	59	105.0	2.5
2	*5300.00	98.7 AV			3.76 V	59	96.2	2.5
3	10600.00	60.9 PK	74.0	-13.1	3.13 V	226	48.5	12.4
4	10600.00	47.0 AV	54.0	-7.0	3.13 V	226	34.6	12.4
5	15900.00	53.4 PK	74.0	-20.6	4.00 V	145	41.1	12.3
6	15900.00	41.1 AV	54.0	-12.9	4.00 V	145	28.8	12.3

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
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	110.3 PK			2.12 H	62	107.8	2.5
2	*5320.00	101.7 AV			2.12 H	62	99.2	2.5
3	5350.00	68.7 PK	74.0	-5.3	2.06 H	55	66.1	2.6
4	5350.00	52.4 AV	54.0	-1.6	2.06 H	55	49.8	2.6
5	10640.00	56.9 PK	74.0	-17.1	1.55 H	99	44.3	12.6
6	10640.00	43.6 AV	54.0	-10.4	1.55 H	99	31.0	12.6
7	15960.00	51.3 PK	74.0	-22.7	3.05 H	99	38.8	12.5
8	15960.00	39.3 AV	54.0	-14.7	3.05 H	99	26.8	12.5
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	*5320.00	105.2 PK			3.84 V	37	102.7	2.5
2	*5320.00	96.1 AV			3.84 V	37	93.6	2.5
3	5350.00	58.5 PK	74.0	-15.5	3.84 V	37	55.9	2.6
4	5350.00	44.3 AV	54.0	-9.7	3.84 V	37	41.7	2.6
5	10640.00	59.7 PK	74.0	-14.3	3.21 V	216	47.1	12.6
6	10640.00	45.9 AV	54.0	-8.1	3.21 V	216	33.3	12.6
7	15960.00	52.1 PK	74.0	-21.9	4.00 V	143	39.6	12.5
8	15960.00	40.2 AV	54.0	-13.8	4.00 V	143	27.7	12.5

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	59.5 PK	74.0	-14.5	2.20 H	54	56.6	2.9
2	5460.00	43.8 AV	54.0	-10.2	2.20 H	54	40.9	2.9
3	#5470.00	66.5 PK	68.2	-1.7	2.15 H	54	63.6	2.9
4	*5500.00	109.3 PK			2.16 H	78	106.4	2.9
5	*5500.00	100.5 AV			2.16 H	78	97.6	2.9
6	11000.00	52.2 PK	74.0	-21.8	1.53 H	120	39.0	13.2
7	11000.00	40.5 AV	54.0	-13.5	1.53 H	120	27.3	13.2
8	#16500.00	51.8 PK	68.2	-16.4	2.99 H	83	36.8	15.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	53.3 PK	74.0	-20.7	3.79 V	52	50.4	2.9
2	5460.00	39.1 AV	54.0	-14.9	3.79 V	52	36.2	2.9
3	#5470.00	59.4 PK	68.2	-8.8	3.79 V	52	56.5	2.9
4	*5500.00	103.2 PK			3.79 V	52	100.3	2.9
5	*5500.00	94.1 AV			3.79 V	52	91.2	2.9
6	11000.00	53.9 PK	74.0	-20.1	3.22 V	226	40.7	13.2
7	11000.00	41.6 AV	54.0	-12.4	3.22 V	226	28.4	13.2
8	#16500.00	52.7 PK	68.2	-15.5	3.95 V	144	37.7	15.0

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 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	113.4 PK			2.16 H	98	110.2	3.2
2	*5580.00	104.5 AV			2.16 H	98	101.3	3.2
3	11160.00	52.8 PK	74.0	-21.2	1.57 H	119	39.7	13.1
4	11160.00	41.3 AV	54.0	-12.7	1.57 H	119	28.2	13.1
5	#16740.00	51.9 PK	68.2	-16.3	3.04 H	112	35.5	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	*5580.00	107.4 PK			3.74 V	33	104.2	3.2
2	*5580.00	98.3 AV			3.74 V	33	95.1	3.2
3	11160.00	53.9 PK	74.0	-20.1	3.21 V	219	40.8	13.1
4	11160.00	42.2 AV	54.0	-11.8	3.21 V	219	29.1	13.1
5	#16740.00	51.9 PK	68.2	-16.3	3.98 V	127	35.5	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.

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	108.2 PK			2.02 H	64	104.8	3.4
2	*5700.00	99.0 AV			2.02 H	64	95.6	3.4
3	#5725.00	66.3 PK	68.2	-1.9	2.02 H	64	63.0	3.3
4	11400.00	51.1 PK	74.0	-22.9	1.59 H	108	37.6	13.5
5	11400.00	39.8 AV	54.0	-14.2	1.59 H	108	26.3	13.5
6	#17100.00	51.0 PK	68.2	-17.2	3.04 H	99	34.9	16.1
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	*5700.00	102.5 PK			3.81 V	56	99.1	3.4
2	*5700.00	93.1 AV			3.81 V	56	89.7	3.4
3	#5725.00	60.2 PK	68.2	-8.0	3.81 V	56	56.9	3.3
4	11400.00	53.7 PK	74.0	-20.3	3.16 V	216	40.2	13.5
5	11400.00	41.2 AV	54.0	-12.8	3.16 V	216	27.7	13.5
6	#17100.00	52.5 PK	68.2	-15.7	3.96 V	158	36.4	16.1

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	113.5 PK			2.26 H	81	110.2	3.3
2	*5720.00	104.5 AV			2.26 H	81	101.2	3.3
3	#5850.00	57.3 PK	68.2	-10.9	2.26 H	81	53.7	3.6
4	11440.00	53.9 PK	74.0	-20.1	1.56 H	113	40.5	13.4
5	11440.00	41.7 AV	54.0	-12.3	1.56 H	113	28.3	13.4
6	#17160.00	52.0 PK	68.2	-16.2	2.98 H	109	35.7	16.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	107.5 PK			3.74 V	49	104.2	3.3
2	*5720.00	98.4 AV			3.74 V	49	95.1	3.3
3	#5850.00	51.8 PK	68.2	-16.4	3.74 V	49	48.2	3.6
4	11440.00	55.2 PK	74.0	-18.8	3.14 V	217	41.8	13.4
5	11440.00	43.2 AV	54.0	-10.8	3.14 V	217	29.8	13.4
6	#17160.00	51.9 PK	68.2	-16.3	4.00 V	133	35.6	16.3

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5592.06	55.1 PK	68.2	-13.1	1.65 H	223	51.9	3.2
2	*5745.00	110.7 PK			1.65 H	223	107.4	3.3
3	*5745.00	101.5 AV			1.65 H	223	98.2	3.3
4	#6020.48	54.3 PK	68.2	-13.9	1.65 H	223	50.5	3.8
5	11490.00	56.8 PK	74.0	-17.2	3.27 H	168	43.4	13.4
6	11490.00	44.5 AV	54.0	-9.5	3.27 H	168	31.1	13.4
7	#17235.00	59.1 PK	68.2	-9.1	3.96 H	211	42.4	16.7
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	#5590.84	53.3 PK	68.2	-14.9	2.14 V	271	50.1	3.2
2	*5745.00	104.7 PK			2.14 V	271	101.4	3.3
3	*5745.00	95.8 AV			2.14 V	271	92.5	3.3
4	#5942.41	53.5 PK	68.2	-14.7	2.14 V	271	50.0	3.5
5	11490.00	57.8 PK	74.0	-16.2	3.18 V	235	44.4	13.4
6	11490.00	45.5 AV	54.0	-8.5	3.18 V	235	32.1	13.4
7	#17235.00	59.2 PK	68.2	-9.0	3.98 V	131	42.5	16.7

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5642.52	54.1 PK	68.2	-14.1	1.64 H	210	50.9	3.2
2	*5785.00	110.6 PK			1.64 H	210	107.3	3.3
3	*5785.00	101.4 AV			1.64 H	210	98.1	3.3
4	#6020.67	54.9 PK	68.2	-13.3	1.64 H	210	51.1	3.8
5	11570.00	57.1 PK	74.0	-16.9	3.32 H	171	43.7	13.4
6	11570.00	44.8 AV	54.0	-9.2	3.32 H	171	31.4	13.4
7	#17355.00	59.3 PK	68.2	-8.9	3.95 H	234	42.0	17.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5586.14	53.6 PK	68.2	-14.6	2.14 V	275	50.4	3.2
2	*5785.00	105.1 PK			2.14 V	275	101.8	3.3
3	*5785.00	96.1 AV			2.14 V	275	92.8	3.3
4	#5951.51	54.7 PK	68.2	-13.5	2.14 V	275	51.2	3.5
5	11570.00	57.6 PK	74.0	-16.4	3.10 V	242	44.2	13.4
6	11570.00	45.2 AV	54.0	-8.8	3.10 V	242	31.8	13.4
7	#17355.00	59.1 PK	68.2	-9.1	3.96 V	133	41.8	17.3

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5616.32	54.9 PK	68.2	-13.3	1.62 H	223	51.6	3.3
2	*5825.00	110.7 PK			1.62 H	223	107.2	3.5
3	*5825.00	101.3 AV			1.62 H	223	97.8	3.5
4	#5927.49	55.5 PK	68.2	-12.7	1.62 H	223	51.9	3.6
5	11650.00	56.8 PK	74.0	-17.2	3.26 H	167	43.5	13.3
6	11650.00	44.7 AV	54.0	-9.3	3.26 H	167	31.4	13.3
7	#17475.00	58.9 PK	68.2	-9.3	3.99 H	228	40.7	18.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5568.17	52.5 PK	68.2	-15.7	2.08 V	285	49.3	3.2
2	*5825.00	104.8 PK			2.08 V	285	101.3	3.5
3	*5825.00	95.6 AV			2.08 V	285	92.1	3.5
4	#5926.62	53.0 PK	68.2	-15.2	2.08 V	285	49.4	3.6
5	11650.00	57.4 PK	74.0	-16.6	3.08 V	232	44.1	13.3
6	11650.00	45.4 AV	54.0	-8.6	3.08 V	232	32.1	13.3
7	#17475.00	58.8 PK	68.2	-9.4	3.97 V	123	40.6	18.2

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.1 PK	74.0	-5.9	2.22 H	66	65.1	3.0
2	**5150.00**	**52.5 AV**	**54.0**	**-1.5**	**2.22 H**	**66**	**49.5**	**3.0**
3	*5190.00	106.0 PK			2.22 H	66	103.2	2.8
4	*5190.00	96.5 AV			2.22 H	66	93.7	2.8
5	#10380.00	51.0 PK	68.2	-17.2	1.55 H	112	38.6	12.4
6	15570.00	51.0 PK	74.0	-23.0	3.05 H	88	38.2	12.8
7	15570.00	39.4 AV	54.0	-14.6	3.05 H	88	26.6	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	5150.00	58.7 PK	74.0	-15.3	3.81 V	58	55.7	3.0
2	5150.00	45.1 AV	54.0	-8.9	3.81 V	58	42.1	3.0
3	*5190.00	100.3 PK			3.81 V	58	97.5	2.8
4	*5190.00	90.9 AV			3.81 V	58	88.1	2.8
5	#10380.00	50.4 PK	68.2	-17.8	3.13 V	226	38.0	12.4
6	15570.00	52.1 PK	74.0	-21.9	3.98 V	131	39.3	12.8
7	15570.00	40.3 AV	54.0	-13.7	3.98 V	131	27.5	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5230.00	108.4 PK			2.13 H	64	105.9	2.5
2	*5230.00	99.3 AV			2.13 H	64	96.8	2.5
3	5350.00	55.4 PK	74.0	-18.6	2.13 H	64	52.8	2.6
4	5350.00	43.4 AV	54.0	-10.6	2.13 H	64	40.8	2.6
5	#10460.00	53.2 PK	68.2	-15.0	1.52 H	114	40.3	12.9
6	15690.00	51.1 PK	74.0	-22.9	3.04 H	86	38.7	12.4
7	15690.00	39.6 AV	54.0	-14.4	3.04 H	86	27.2	12.4
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	*5230.00	103.5 PK			3.85 V	37	101.0	2.5
2	*5230.00	93.6 AV			3.85 V	37	91.1	2.5
3	5350.00	51.2 PK	74.0	-22.8	3.85 V	37	48.6	2.6
4	5350.00	39.1 AV	54.0	-14.9	3.85 V	37	36.5	2.6
5	#10460.00	55.3 PK	68.2	-12.9	3.09 V	238	42.4	12.9
6	15690.00	52.2 PK	74.0	-21.8	3.94 V	146	39.8	12.4
7	15690.00	40.4 AV	54.0	-13.6	3.94 V	146	28.0	12.4

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 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	51.4 PK	74.0	-22.6	2.14 H	70	48.4	3.0
2	5150.00	39.6 AV	54.0	-14.4	2.14 H	70	36.6	3.0
3	*5270.00	108.6 PK			2.14 H	70	106.2	2.4
4	*5270.00	99.5 AV			2.14 H	70	97.1	2.4
5	#10540.00	50.7 PK	68.2	-17.5	1.56 H	92	37.9	12.8
6	15810.00	51.9 PK	74.0	-22.1	2.95 H	108	39.5	12.4
7	15810.00	40.0 AV	54.0	-14.0	2.95 H	108	27.6	12.4
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	51.0 PK	74.0	-23.0	3.80 V	58	48.0	3.0
2	5150.00	39.4 AV	54.0	-14.6	3.80 V	58	36.4	3.0
3	*5270.00	103.6 PK			3.80 V	58	101.2	2.4
4	*5270.00	93.8 AV			3.80 V	58	91.4	2.4
5	#10540.00	55.3 PK	68.2	-12.9	3.12 V	228	42.5	12.8
6	15810.00	51.9 PK	74.0	-22.1	3.94 V	129	39.5	12.4
7	15810.00	40.0 AV	54.0	-14.0	3.94 V	129	27.6	12.4

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	105.8 PK			2.11 H	63	103.4	2.4
2	*5310.00	96.0 AV			2.11 H	63	93.6	2.4
3	5350.00	70.1 PK	74.0	-3.9	2.11 H	63	67.5	2.6
4	5350.00	51.7 AV	54.0	-2.3	2.11 H	63	49.1	2.6
5	10620.00	53.4 PK	74.0	-20.6	1.61 H	105	40.9	12.5
6	10620.00	41.6 AV	54.0	-12.4	1.61 H	105	29.1	12.5
7	15930.00	51.3 PK	74.0	-22.7	2.96 H	97	38.9	12.4
8	15930.00	39.6 AV	54.0	-14.4	2.96 H	97	27.2	12.4
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	*5310.00	100.3 PK			3.79 V	42	97.9	2.4
2	*5310.00	90.5 AV			3.79 V	42	88.1	2.4
3	5350.00	57.9 PK	74.0	-16.1	3.79 V	42	55.3	2.6
4	5350.00	44.2 AV	54.0	-9.8	3.79 V	42	41.6	2.6
5	10620.00	55.3 PK	74.0	-18.7	3.18 V	214	42.8	12.5
6	10620.00	43.5 AV	54.0	-10.5	3.18 V	214	31.0	12.5
7	15930.00	52.3 PK	74.0	-21.7	3.98 V	142	39.9	12.4
8	15930.00	40.4 AV	54.0	-13.6	3.98 V	142	28.0	12.4

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	59.0 PK	74.0	-15.0	2.02 H	65	56.1	2.9
2	5460.00	43.4 AV	54.0	-10.6	2.02 H	65	40.5	2.9
3	#5470.00	66.6 PK	68.2	-1.6	2.02 H	65	63.7	2.9
4	*5510.00	102.3 PK			2.02 H	65	99.4	2.9
5	*5510.00	93.2 AV			2.02 H	65	90.3	2.9
6	11020.00	50.9 PK	74.0	-23.1	1.63 H	110	37.7	13.2
7	11020.00	38.4 AV	54.0	-15.6	1.63 H	110	25.2	13.2
8	#16530.00	51.5 PK	68.2	-16.7	3.03 H	99	36.6	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	5460.00	55.1 PK	74.0	-18.9	3.74 V	50	52.2	2.9
2	5460.00	39.2 AV	54.0	-14.8	3.74 V	50	36.3	2.9
3	#5470.00	59.8 PK	68.2	-8.4	3.74 V	50	56.9	2.9
4	*5510.00	97.1 PK			3.74 V	50	94.2	2.9
5	*5510.00	87.9 AV			3.74 V	50	85.0	2.9
6	11020.00	52.1 PK	74.0	-21.9	3.12 V	216	38.9	13.2
7	11020.00	39.1 AV	54.0	-14.9	3.12 V	216	25.9	13.2
8	#16530.00	52.0 PK	68.2	-16.2	4.00 V	121	37.1	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	108.8 PK			2.20 H	73	105.8	3.0
2	*5550.00	99.4 AV			2.20 H	73	96.4	3.0
3	11100.00	51.0 PK	74.0	-23.0	1.54 H	115	38.0	13.0
4	11100.00	40.1 AV	54.0	-13.9	1.54 H	115	27.1	13.0
5	#16650.00	51.6 PK	68.2	-16.6	2.96 H	96	36.0	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	103.9 PK			3.81 V	55	100.9	3.0
2	*5550.00	94.1 AV			3.81 V	55	91.1	3.0
3	11100.00	54.6 PK	74.0	-19.4	3.16 V	212	41.6	13.0
4	11100.00	41.5 AV	54.0	-12.5	3.16 V	212	28.5	13.0
5	#16650.00	52.5 PK	68.2	-15.7	3.93 V	123	36.9	15.6

REMARKS:

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

CHANNEL	TX Channel 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	107.5 PK			2.06 H	63	104.2	3.3
2	*5670.00	98.0 AV			2.06 H	63	94.7	3.3
3	#5725.00	66.1 PK	68.2	-2.1	2.06 H	63	62.8	3.3
4	11340.00	51.5 PK	74.0	-22.5	1.61 H	92	38.0	13.5
5	11340.00	39.0 AV	54.0	-15.0	1.61 H	92	25.5	13.5
6	#17010.00	51.3 PK	68.2	-16.9	3.03 H	88	34.8	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	*5670.00	101.9 PK			3.79 V	32	98.6	3.3
2	*5670.00	92.5 AV			3.79 V	32	89.2	3.3
3	#5725.00	60.1 PK	68.2	-8.1	3.79 V	32	56.8	3.3
4	11340.00	52.6 PK	74.0	-21.4	3.12 V	234	39.1	13.5
5	11340.00	39.8 AV	54.0	-14.2	3.12 V	234	26.3	13.5
6	#17010.00	52.3 PK	68.2	-15.9	3.92 V	134	35.8	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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5710.00	107.4 PK			2.06 H	67	104.1	3.3
2	*5710.00	97.9 AV			2.06 H	67	94.6	3.3
3	#5850.00	57.3 PK	68.2	-10.9	2.06 H	67	53.7	3.6
4	11420.00	51.8 PK	74.0	-22.2	1.63 H	96	38.4	13.4
5	11420.00	39.5 AV	54.0	-14.5	1.63 H	96	26.1	13.4
6	#17130.00	51.9 PK	68.2	-16.3	2.95 H	108	35.6	16.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5710.00	102.1 PK			3.78 V	57	98.8	3.3
2	*5710.00	92.1 AV			3.78 V	57	88.8	3.3
3	#5850.00	52.4 PK	68.2	-15.8	3.78 V	57	48.8	3.6
4	11420.00	53.3 PK	74.0	-20.7	3.11 V	222	39.9	13.4
5	11420.00	40.1 AV	54.0	-13.9	3.11 V	222	26.7	13.4
6	#17130.00	52.3 PK	68.2	-15.9	4.00 V	129	36.0	16.3

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5641.92	56.3 PK	68.2	-11.9	2.75 H	222	53.1	3.2
2	*5755.00	106.1 PK			2.75 H	222	102.8	3.3
3	*5755.00	96.4 AV			2.75 H	222	93.1	3.3
4	#5932.17	56.8 PK	68.2	-11.4	2.75 H	222	53.2	3.6
5	11510.00	51.1 PK	74.0	-22.9	1.52 H	105	37.7	13.4
6	11510.00	39.0 AV	54.0	-15.0	1.52 H	105	25.6	13.4
7	#17265.00	51.4 PK	68.2	-16.8	3.03 H	104	34.6	16.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5558.28	51.5 PK	68.2	-16.7	2.16 V	272	48.5	3.0
2	*5755.00	99.8 PK			2.16 V	272	96.5	3.3
3	*5755.00	90.3 AV			2.16 V	272	87.0	3.3
4	#5998.09	52.3 PK	68.2	-15.9	2.16 V	272	48.6	3.7
5	11510.00	49.9 PK	74.0	-24.1	3.10 V	223	36.5	13.4
6	11510.00	38.4 AV	54.0	-15.6	3.10 V	223	25.0	13.4
7	#17265.00	52.5 PK	68.2	-15.7	3.97 V	122	35.7	16.8

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5642.84	54.2 PK	68.2	-14.0	2.81 H	227	51.0	3.2
2	*5795.00	106.0 PK			2.81 H	227	102.7	3.3
3	*5795.00	96.1 AV			2.81 H	227	92.8	3.3
4	#5926.44	56.8 PK	68.2	-11.4	2.81 H	227	53.2	3.6
5	11590.00	51.1 PK	74.0	-22.9	1.62 H	114	37.7	13.4
6	11590.00	38.4 AV	54.0	-15.6	1.62 H	114	25.0	13.4
7	#17385.00	51.3 PK	68.2	-16.9	3.04 H	81	33.8	17.5
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	#5636.45	52.0 PK	68.2	-16.2	2.13 V	266	48.8	3.2
2	*5795.00	99.2 PK			2.13 V	266	95.9	3.3
3	*5795.00	89.9 AV			2.13 V	266	86.6	3.3
4	#5958.52	53.0 PK	68.2	-15.2	2.13 V	266	49.5	3.5
5	11590.00	50.5 PK	74.0	-23.5	3.08 V	214	37.1	13.4
6	11590.00	38.6 AV	54.0	-15.4	3.08 V	214	25.2	13.4
7	#17385.00	52.5 PK	68.2	-15.7	4.00 V	138	35.0	17.5

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.2 PK	74.0	-5.8	2.06 H	63	65.2	3.0
2	5150.00	52.2 AV	54.0	-1.8	2.06 H	63	49.2	3.0
3	*5210.00	103.2 PK			2.06 H	63	100.5	2.7
4	*5210.00	92.8 AV			2.06 H	63	90.1	2.7
5	#10420.00	50.3 PK	68.2	-17.9	1.60 H	120	37.7	12.6
6	15630.00	51.5 PK	74.0	-22.5	3.06 H	99	38.8	12.7
7	15630.00	39.9 AV	54.0	-14.1	3.06 H	99	27.2	12.7
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	5150.00	58.7 PK	74.0	-15.3	3.84 V	46	55.7	3.0
2	5150.00	45.0 AV	54.0	-9.0	3.84 V	46	42.0	3.0
3	*5210.00	96.7 PK			3.84 V	46	94.0	2.7
4	*5210.00	85.9 AV			3.84 V	46	83.2	2.7
5	#10420.00	50.0 PK	68.2	-18.2	3.08 V	239	37.4	12.6
6	15630.00	52.0 PK	74.0	-22.0	3.95 V	128	39.3	12.7
7	15630.00	40.1 AV	54.0	-13.9	3.95 V	128	27.4	12.7

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5290.00	102.1 PK			2.14 H	63	99.7	2.4
2	*5290.00	92.2 AV			2.14 H	63	89.8	2.4
3	5350.00	68.1 PK	74.0	-5.9	2.14 H	63	65.5	2.6
4	5350.00	52.4 AV	54.0	-1.6	2.14 H	63	49.8	2.6
5	#10580.00	50.6 PK	68.2	-17.6	1.57 H	116	38.0	12.6
6	15870.00	51.2 PK	74.0	-22.8	3.04 H	101	38.8	12.4
7	15870.00	39.7 AV	54.0	-14.3	3.04 H	101	27.3	12.4
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	*5290.00	96.9 PK			3.81 V	43	94.5	2.4
2	*5290.00	85.9 AV			3.81 V	43	83.5	2.4
3	5350.00	58.4 PK	74.0	-15.6	3.81 V	43	55.8	2.6
4	5350.00	44.4 AV	54.0	-9.6	3.81 V	43	41.8	2.6
5	#10580.00	50.4 PK	68.2	-17.8	3.12 V	220	37.8	12.6
6	15870.00	51.7 PK	74.0	-22.3	4.00 V	144	39.3	12.4
7	15870.00	39.8 AV	54.0	-14.2	4.00 V	144	27.4	12.4

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	59.0 PK	74.0	-15.0	2.06 H	65	56.1	2.9
2	5460.00	43.4 AV	54.0	-10.6	2.06 H	65	40.5	2.9
3	#5470.00	65.9 PK	68.2	-2.3	2.06 H	65	63.0	2.9
4	*5530.00	101.1 PK			2.06 H	65	98.1	3.0
5	*5530.00	90.4 AV			2.06 H	65	87.4	3.0
6	11060.00	50.7 PK	74.0	-23.3	1.58 H	115	37.5	13.2
7	11060.00	38.2 AV	54.0	-15.8	1.58 H	115	25.0	13.2
8	#16590.00	51.3 PK	68.2	-16.9	2.96 H	85	36.2	15.1
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	5460.00	54.9 PK	74.0	-19.1	3.84 V	55	52.0	2.9
2	5460.00	39.5 AV	54.0	-14.5	3.84 V	55	36.6	2.9
3	#5470.00	59.8 PK	68.2	-8.4	3.84 V	55	56.9	2.9
4	*5530.00	95.1 PK			3.84 V	55	92.1	3.0
5	*5530.00	84.1 AV			3.84 V	55	81.1	3.0
6	11060.00	50.2 PK	74.0	-23.8	3.09 V	215	37.0	13.2
7	11060.00	38.7 AV	54.0	-15.3	3.09 V	215	25.5	13.2
8	#16590.00	52.2 PK	68.2	-16.0	3.98 V	124	37.1	15.1

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 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	104.7 PK			2.04 H	68	101.4	3.3
2	*5610.00	94.0 AV			2.04 H	68	90.7	3.3
3	#5725.00	66.1 PK	68.2	-2.1	2.04 H	68	62.8	3.3
4	11220.00	50.6 PK	74.0	-23.4	1.55 H	119	37.4	13.2
5	11220.00	38.3 AV	54.0	-15.7	1.55 H	119	25.1	13.2
6	#16830.00	51.2 PK	68.2	-17.0	3.02 H	103	34.6	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	*5610.00	99.0 PK			3.84 V	42	95.7	3.3
2	*5610.00	88.1 AV			3.84 V	42	84.8	3.3
3	#5725.00	59.7 PK	68.2	-8.5	3.84 V	42	56.4	3.3
4	11220.00	50.9 PK	74.0	-23.1	3.18 V	238	37.7	13.2
5	11220.00	39.1 AV	54.0	-14.9	3.18 V	238	25.9	13.2
6	#16830.00	52.1 PK	68.2	-16.1	3.94 V	126	35.5	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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5690.00	104.9 PK			2.06 H	67	101.6	3.3
2	*5690.00	93.9 AV			2.06 H	67	90.6	3.3
3	#5850.00	55.1 PK	68.2	-13.1	2.06 H	67	51.5	3.6
4	11380.00	50.6 PK	74.0	-23.4	1.60 H	118	37.1	13.5
5	11380.00	38.4 AV	54.0	-15.6	1.60 H	118	24.9	13.5
6	#17070.00	51.4 PK	68.2	-16.8	3.02 H	95	35.2	16.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5690.00	98.7 PK			3.80 V	54	95.4	3.3
2	*5690.00	88.1 AV			3.80 V	54	84.8	3.3
3	#5850.00	54.7 PK	68.2	-13.5	3.80 V	54	51.1	3.6
4	11380.00	50.5 PK	74.0	-23.5	3.19 V	228	37.0	13.5
5	11380.00	38.9 AV	54.0	-15.1	3.19 V	228	25.4	13.5
6	#17070.00	52.3 PK	68.2	-15.9	3.93 V	145	36.1	16.2

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.00	65.8 PK	68.2	-2.4	2.79 H	220	62.6	3.2
2	*5775.00	104.9 PK			2.79 H	220	101.5	3.4
3	*5775.00	94.9 AV			2.79 H	220	91.5	3.4
4	#5933.35	66.3 PK	68.2	-1.9	2.79 H	220	62.7	3.6
5	11550.00	51.3 PK	74.0	-22.7	1.53 H	96	38.0	13.3
6	11550.00	38.9 AV	54.0	-15.1	1.53 H	96	25.6	13.3
7	#17325.00	51.0 PK	68.2	-17.2	3.00 H	109	33.9	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	#5643.55	63.0 PK	68.2	-5.2	2.18 V	269	59.8	3.2
2	*5775.00	99.3 PK			2.18 V	269	95.9	3.4
3	*5775.00	88.7 AV			2.18 V	269	85.3	3.4
4	#5929.68	60.2 PK	68.2	-8.0	2.18 V	269	56.6	3.6
5	11550.00	50.8 PK	74.0	-23.2	3.08 V	210	37.5	13.3
6	11550.00	39.0 AV	54.0	-15.0	3.08 V	210	25.7	13.3
7	#17325.00	52.0 PK	68.2	-16.2	3.96 V	119	34.9	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.

4.1.8 Test Results (Mode 2)

2TX Mode

Above 1GHz Data:

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	58.2 PK	74.0	-15.8	2.20 H	136	55.2	3.0
2	5150.00	44.3 AV	54.0	-9.7	2.20 H	136	41.3	3.0
3	*5180.00	106.4 PK			2.20 H	136	103.6	2.8
4	*5180.00	97.7 AV			2.20 H	136	94.9	2.8
5	#10360.00	52.0 PK	68.2	-16.2	1.69 H	86	39.6	12.4
6	15540.00	51.4 PK	74.0	-22.6	3.07 H	124	38.6	12.8
7	15540.00	40.1 AV	54.0	-13.9	3.07 H	124	27.3	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	5150.00	65.1 PK	74.0	-8.9	2.01 V	65	62.1	3.0
2	5150.00	51.4 AV	54.0	-2.6	2.01 V	65	48.4	3.0
3	*5180.00	115.1 PK			2.01 V	65	112.3	2.8
4	*5180.00	105.4 AV			2.01 V	65	102.6	2.8
5	#10360.00	60.5 PK	68.2	-7.7	2.49 V	206	48.1	12.4
6	15540.00	52.9 PK	74.0	-21.1	2.39 V	250	40.1	12.8
7	15540.00	41.8 AV	54.0	-12.2	2.39 V	250	29.0	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	106.5 PK			2.17 H	187	103.8	2.7
2	*5200.00	97.5 AV			2.17 H	187	94.8	2.7
3	#10400.00	52.0 PK	68.2	-16.2	1.69 H	97	39.5	12.5
4	15600.00	52.1 PK	74.0	-21.9	3.01 H	126	39.3	12.8
5	15600.00	40.5 AV	54.0	-13.5	3.01 H	126	27.7	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	*5200.00	115.2 PK			2.02 V	73	112.5	2.7
2	*5200.00	105.2 AV			2.02 V	73	102.5	2.7
3	#10400.00	60.3 PK	68.2	-7.9	2.46 V	188	47.8	12.5
4	15600.00	53.2 PK	74.0	-20.8	2.39 V	251	40.4	12.8
5	15600.00	41.8 AV	54.0	-12.2	2.39 V	251	29.0	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	52.8 PK	74.0	-21.2	2.17 H	187	49.8	3.0
2	5150.00	37.8 AV	54.0	-16.2	2.17 H	187	34.8	3.0
3	*5240.00	106.3 PK			2.17 H	187	103.8	2.5
4	*5240.00	97.3 AV			2.17 H	187	94.8	2.5
5	5350.00	52.7 PK	74.0	-21.3	2.17 H	187	50.1	2.6
6	5350.00	37.5 AV	54.0	-16.5	2.17 H	187	34.9	2.6
7	#10480.00	53.0 PK	68.2	-15.2	1.63 H	112	40.0	13.0
8	15720.00	52.0 PK	74.0	-22.0	2.98 H	129	39.6	12.4
9	15720.00	40.3 AV	54.0	-13.7	2.98 H	129	27.9	12.4
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	52.9 PK	74.0	-21.1	2.05 V	86	49.9	3.0
2	5150.00	41.8 AV	54.0	-12.2	2.05 V	86	38.8	3.0
3	*5240.00	114.9 PK			2.05 V	86	112.4	2.5
4	*5240.00	105.1 AV			2.05 V	86	102.6	2.5
5	5350.00	54.8 PK	74.0	-19.2	2.05 V	86	52.2	2.6
6	5350.00	43.3 AV	54.0	-10.7	2.05 V	86	40.7	2.6
7	#10480.00	60.4 PK	68.2	-7.8	2.58 V	183	47.4	13.0
8	15720.00	52.5 PK	74.0	-21.5	2.35 V	243	40.1	12.4
9	15720.00	41.4 AV	54.0	-12.6	2.35 V	243	29.0	12.4

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 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	52.4 PK	74.0	-21.6	2.17 H	187	49.4	3.0
2	5150.00	37.6 AV	54.0	-16.4	2.17 H	187	34.6	3.0
3	*5260.00	106.8 PK			2.17 H	187	104.4	2.4
4	*5260.00	98.1 AV			2.17 H	187	95.7	2.4
5	#10520.00	52.3 PK	68.2	-15.9	1.60 H	97	39.4	12.9
6	15780.00	51.8 PK	74.0	-22.2	2.99 H	110	39.3	12.5
7	15780.00	40.0 AV	54.0	-14.0	2.99 H	110	27.5	12.5
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	5150.00	53.4 PK	74.0	-20.6	2.07 V	81	50.4	3.0
2	5150.00	42.3 AV	54.0	-11.7	2.07 V	81	39.3	3.0
3	*5260.00	115.0 PK			2.07 V	81	112.6	2.4
4	*5260.00	105.2 AV			2.07 V	81	102.8	2.4
5	#10520.00	60.7 PK	68.2	-7.5	2.52 V	197	47.8	12.9
6	15780.00	52.6 PK	74.0	-21.4	2.36 V	249	40.1	12.5
7	15780.00	41.5 AV	54.0	-12.5	2.36 V	249	29.0	12.5

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 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	106.0 PK			2.17 H	187	103.5	2.5
2	*5300.00	97.2 AV			2.17 H	187	94.7	2.5
3	10600.00	52.3 PK	74.0	-21.7	1.65 H	99	39.9	12.4
4	10600.00	41.2 AV	54.0	-12.8	1.65 H	99	28.8	12.4
5	15900.00	51.9 PK	74.0	-22.1	3.02 H	125	39.6	12.3
6	15900.00	40.3 AV	54.0	-13.7	3.02 H	125	28.0	12.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	115.2 PK			2.07 V	67	112.7	2.5
2	*5300.00	105.3 AV			2.07 V	67	102.8	2.5
3	10600.00	61.5 PK	74.0	-12.5	2.52 V	191	49.1	12.4
4	10600.00	50.6 AV	54.0	-3.4	2.52 V	191	38.2	12.4
5	15900.00	53.1 PK	74.0	-20.9	2.35 V	252	40.8	12.3
6	15900.00	41.8 AV	54.0	-12.2	2.35 V	252	29.5	12.3

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
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	106.6 PK			2.17 H	187	104.1	2.5
2	*5320.00	98.0 AV			2.17 H	187	95.5	2.5
3	5350.00	58.5 PK	74.0	-15.5	2.17 H	187	55.9	2.6
4	5350.00	44.8 AV	54.0	-9.2	2.17 H	187	42.2	2.6
5	10640.00	52.5 PK	74.0	-21.5	1.61 H	103	39.9	12.6
6	10640.00	41.3 AV	54.0	-12.7	1.61 H	103	28.7	12.6
7	15960.00	52.2 PK	74.0	-21.8	3.03 H	140	39.7	12.5
8	15960.00	40.5 AV	54.0	-13.5	3.03 H	140	28.0	12.5
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	*5320.00	115.2 PK			1.89 V	173	112.7	2.5
2	*5320.00	105.1 AV			1.89 V	173	102.6	2.5
3	5350.00	63.8 PK	74.0	-10.2	1.89 V	173	61.2	2.6
4	5350.00	51.4 AV	54.0	-2.6	1.89 V	173	48.8	2.6
5	10640.00	58.2 PK	74.0	-15.8	2.68 V	188	45.6	12.6
6	10640.00	47.1 AV	54.0	-6.9	2.68 V	188	34.5	12.6
7	15960.00	53.6 PK	74.0	-20.4	2.35 V	244	41.1	12.5
8	15960.00	42.2 AV	54.0	-11.8	2.35 V	244	29.7	12.5

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	52.9 PK	74.0	-21.1	2.17 H	187	50.0	2.9
2	5460.00	37.9 AV	54.0	-16.1	2.17 H	187	35.0	2.9
3	#5470.00	59.4 PK	68.2	-8.8	2.17 H	187	56.5	2.9
4	*5500.00	105.8 PK			2.17 H	187	102.9	2.9
5	*5500.00	96.4 AV			2.17 H	187	93.5	2.9
6	11000.00	51.5 PK	74.0	-22.5	1.69 H	107	38.3	13.2
7	11000.00	40.7 AV	54.0	-13.3	1.69 H	107	27.5	13.2
8	#16500.00	51.8 PK	68.2	-16.4	3.02 H	115	36.8	15.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	55.6 PK	74.0	-18.4	1.82 V	270	52.7	2.9
2	5460.00	43.3 AV	54.0	-10.7	1.82 V	270	40.4	2.9
3	#5470.00	66.3 PK	68.2	-1.9	1.82 V	270	63.4	2.9
4	*5500.00	112.5 PK			1.82 V	270	109.6	2.9
5	*5500.00	103.7 AV			1.82 V	270	100.8	2.9
6	11000.00	55.2 PK	74.0	-18.8	2.65 V	177	42.0	13.2
7	11000.00	44.8 AV	54.0	-9.2	2.65 V	177	31.6	13.2
8	#16500.00	53.7 PK	68.2	-14.5	2.30 V	246	38.7	15.0

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 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	106.4 PK			2.17 H	187	103.2	3.2
2	*5580.00	97.5 AV			2.17 H	187	94.3	3.2
3	11160.00	52.5 PK	74.0	-21.5	1.65 H	107	39.4	13.1
4	11160.00	41.6 AV	54.0	-12.4	1.65 H	107	28.5	13.1
5	#16740.00	52.3 PK	68.2	-15.9	3.04 H	110	35.9	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	*5580.00	113.8 PK			1.83 V	169	110.6	3.2
2	*5580.00	104.9 AV			1.83 V	169	101.7	3.2
3	11160.00	54.9 PK	74.0	-19.1	2.70 V	190	41.8	13.1
4	11160.00	44.6 AV	54.0	-9.4	2.70 V	190	31.5	13.1
5	#16740.00	53.6 PK	68.2	-14.6	2.26 V	246	37.2	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.

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	106.5 PK			2.17 H	187	103.1	3.4
2	*5700.00	96.9 AV			2.17 H	187	93.5	3.4
3	#5725.00	59.7 PK	68.2	-8.5	2.17 H	187	56.4	3.3
4	11400.00	51.5 PK	74.0	-22.5	1.74 H	121	38.0	13.5
5	11400.00	40.7 AV	54.0	-13.3	1.74 H	121	27.2	13.5
6	#17100.00	52.4 PK	68.2	-15.8	3.05 H	128	36.3	16.1
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	*5700.00	113.2 PK			2.02 V	270	109.8	3.4
2	*5700.00	104.2 AV			2.02 V	270	100.8	3.4
3	#5725.00	66.6 PK	68.2	-1.6	2.02 V	270	63.3	3.3
4	11400.00	54.4 PK	74.0	-19.6	2.68 V	203	40.9	13.5
5	11400.00	44.2 AV	54.0	-9.8	2.68 V	203	30.7	13.5
6	#17100.00	53.1 PK	68.2	-15.1	2.28 V	260	37.0	16.1

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	106.0 PK			2.17 H	187	102.7	3.3
2	*5720.00	96.8 AV			2.17 H	187	93.5	3.3
3	#5850.00	50.1 PK	68.2	-18.1	2.17 H	187	46.5	3.6
4	11440.00	52.0 PK	74.0	-22.0	1.72 H	96	38.6	13.4
5	11440.00	41.0 AV	54.0	-13.0	1.72 H	96	27.6	13.4
6	#17160.00	51.8 PK	68.2	-16.4	3.03 H	104	35.5	16.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	114.6 PK			1.78 V	177	111.3	3.3
2	*5720.00	104.7 AV			1.78 V	177	101.4	3.3
3	#5850.00	55.7 PK	68.2	-12.5	1.79 V	260	52.1	3.6
4	11440.00	55.9 PK	74.0	-18.1	2.66 V	247	42.5	13.4
5	11440.00	43.7 AV	54.0	-10.3	2.66 V	247	30.3	13.4
6	#17160.00	53.5 PK	68.2	-14.7	2.33 V	244	37.2	16.3

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5554.09	53.8 PK	68.2	-14.4	2.33 H	174	50.8	3.0
2	*5745.00	111.7 PK			2.32 H	187	108.4	3.3
3	*5745.00	102.9 AV			2.32 H	187	99.6	3.3
4	#5962.20	54.4 PK	68.2	-13.8	2.33 H	174	50.9	3.5
5	11490.00	51.4 PK	74.0	-22.6	1.68 H	120	38.0	13.4
6	11490.00	40.6 AV	54.0	-13.4	1.68 H	120	27.2	13.4
7	#17235.00	51.9 PK	68.2	-16.3	3.05 H	131	35.2	16.7
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	#5653.36	54.8 PK	70.7	-15.9	1.76 V	254	51.5	3.3
2	*5745.00	115.2 PK			1.76 V	254	111.9	3.3
3	*5745.00	106.3 AV			1.76 V	254	103.0	3.3
4	#5952.62	54.3 PK	68.2	-13.9	1.76 V	254	50.8	3.5
5	11490.00	54.5 PK	74.0	-19.5	3.65 V	172	41.1	13.4
6	11490.00	43.5 AV	54.0	-10.5	3.65 V	172	30.1	13.4
7	#17235.00	62.1 PK	68.2	-6.1	3.79 V	227	45.4	16.7

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5645.44	54.2 PK	68.2	-14.0	2.33 H	183	51.0	3.2
2	*5785.00	112.2 PK			2.33 H	199	108.9	3.3
3	*5785.00	103.2 AV			2.33 H	199	99.9	3.3
4	#5935.39	54.7 PK	68.2	-13.5	2.33 H	183	51.1	3.6
5	11570.00	51.8 PK	74.0	-22.2	1.69 H	110	38.4	13.4
6	11570.00	41.0 AV	54.0	-13.0	1.69 H	110	27.6	13.4
7	#17355.00	52.1 PK	68.2	-16.1	2.99 H	118	34.8	17.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5565.09	55.0 PK	68.2	-13.2	1.74 V	260	51.8	3.2
2	*5785.00	115.1 PK			1.74 V	260	111.8	3.3
3	*5785.00	106.1 AV			1.74 V	260	102.8	3.3
4	#5941.66	55.3 PK	68.2	-12.9	1.74 V	260	51.8	3.5
5	11570.00	54.6 PK	74.0	-19.4	3.70 V	157	41.2	13.4
6	11570.00	43.9 AV	54.0	-10.1	3.70 V	157	30.5	13.4
7	#17355.00	61.8 PK	68.2	-6.4	3.82 V	216	44.5	17.3

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5619.58	55.8 PK	68.2	-12.4	2.35 H	159	52.5	3.3
2	*5825.00	112.0 PK			2.37 H	185	108.5	3.5
3	*5825.00	103.2 AV			2.37 H	185	99.7	3.5
4	#5990.73	54.2 PK	68.2	-14.0	2.35 H	159	50.5	3.7
5	11650.00	51.6 PK	74.0	-22.4	1.67 H	105	38.3	13.3
6	11650.00	41.0 AV	54.0	-13.0	1.67 H	105	27.7	13.3
7	#17475.00	51.4 PK	68.2	-16.8	3.07 H	125	33.2	18.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5588.43	55.6 PK	68.2	-12.6	1.76 V	247	52.4	3.2
2	*5825.00	114.8 PK			1.76 V	247	111.3	3.5
3	*5825.00	105.9 AV			1.76 V	247	102.4	3.5
4	#5933.38	55.6 PK	68.2	-12.6	1.76 V	247	52.0	3.6
5	11650.00	55.3 PK	74.0	-18.7	2.75 V	252	42.0	13.3
6	11650.00	43.7 AV	54.0	-10.3	2.75 V	252	30.4	13.3
7	#17475.00	62.1 PK	68.2	-6.1	3.74 V	213	43.9	18.2

REMARKS:

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

802.11ac (VHT20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	57.7 PK	74.0	-16.3	2.17 H	187	54.7	3.0
2	5150.00	43.9 AV	54.0	-10.1	2.17 H	187	40.9	3.0
3	*5180.00	106.3 PK			2.17 H	187	103.5	2.8
4	*5180.00	97.6 AV			2.17 H	187	94.8	2.8
5	#10360.00	51.7 PK	68.2	-16.5	1.73 H	115	39.3	12.4
6	15540.00	51.5 PK	74.0	-22.5	3.00 H	129	38.7	12.8
7	15540.00	39.8 AV	54.0	-14.2	3.00 H	129	27.0	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	5150.00	69.1 PK	74.0	-4.9	2.05 V	229	66.1	3.0
2	5150.00	52.1 AV	54.0	-1.9	2.05 V	229	49.1	3.0
3	*5180.00	115.1 PK			2.05 V	229	112.3	2.8
4	*5180.00	105.6 AV			2.05 V	229	102.8	2.8
5	#10360.00	60.7 PK	68.2	-7.5	2.55 V	185	48.3	12.4
6	15540.00	52.6 PK	74.0	-21.4	2.32 V	243	39.8	12.8
7	15540.00	41.7 AV	54.0	-12.3	2.32 V	243	28.9	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	106.1 PK			2.17 H	187	103.4	2.7
2	*5200.00	97.6 AV			2.17 H	187	94.9	2.7
3	#10400.00	51.9 PK	68.2	-16.3	1.68 H	101	39.4	12.5
4	15600.00	52.2 PK	74.0	-21.8	2.96 H	126	39.4	12.8
5	15600.00	40.7 AV	54.0	-13.3	2.96 H	126	27.9	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	*5200.00	114.9 PK			2.10 V	242	112.2	2.7
2	*5200.00	105.5 AV			2.10 V	242	102.8	2.7
3	#10400.00	60.6 PK	68.2	-7.6	2.57 V	177	48.1	12.5
4	15600.00	53.1 PK	74.0	-20.9	2.36 V	241	40.3	12.8
5	15600.00	41.8 AV	54.0	-12.2	2.36 V	241	29.0	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	51.9 PK	74.0	-22.1	2.17 H	187	48.9	3.0
2	5150.00	37.1 AV	54.0	-16.9	2.17 H	187	34.1	3.0
3	*5240.00	106.5 PK			2.17 H	187	104.0	2.5
4	*5240.00	97.9 AV			2.17 H	187	95.4	2.5
5	5350.00	52.7 PK	74.0	-21.3	2.17 H	187	50.1	2.6
6	5350.00	37.4 AV	54.0	-16.6	2.17 H	187	34.8	2.6
7	#10480.00	51.8 PK	68.2	-16.4	1.64 H	107	38.8	13.0
8	15720.00	51.9 PK	74.0	-22.1	3.04 H	107	39.5	12.4
9	15720.00	40.4 AV	54.0	-13.6	3.04 H	107	28.0	12.4
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	2.13 V	254	50.1	3.0
2	5150.00	42.1 AV	54.0	-11.9	2.13 V	254	39.1	3.0
3	*5240.00	115.0 PK			2.13 V	254	112.5	2.5
4	*5240.00	105.3 AV			2.13 V	254	102.8	2.5
5	5350.00	54.4 PK	74.0	-19.6	2.13 V	254	51.8	2.6
6	5350.00	43.0 AV	54.0	-11.0	2.13 V	254	40.4	2.6
7	#10480.00	60.6 PK	68.2	-7.6	2.57 V	175	47.6	13.0
8	15720.00	52.5 PK	74.0	-21.5	2.40 V	247	40.1	12.4
9	15720.00	41.6 AV	54.0	-12.4	2.40 V	247	29.2	12.4

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 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	52.6 PK	74.0	-21.4	2.17 H	187	49.6	3.0
2	5150.00	37.2 AV	54.0	-16.8	2.17 H	187	34.2	3.0
3	*5260.00	106.9 PK			2.17 H	187	104.5	2.4
4	*5260.00	98.0 AV			2.17 H	187	95.6	2.4
5	#10520.00	50.9 PK	68.2	-17.3	1.73 H	96	38.0	12.9
6	15780.00	51.5 PK	74.0	-22.5	3.06 H	119	39.0	12.5
7	15780.00	40.1 AV	54.0	-13.9	3.06 H	119	27.6	12.5
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	5150.00	54.5 PK	74.0	-19.5	2.10 V	258	51.5	3.0
2	5150.00	43.2 AV	54.0	-10.8	2.10 V	258	40.2	3.0
3	*5260.00	115.1 PK			2.10 V	258	112.7	2.4
4	*5260.00	104.9 AV			2.10 V	258	102.5	2.4
5	#10520.00	60.8 PK	68.2	-7.4	2.64 V	175	47.9	12.9
6	15780.00	52.8 PK	74.0	-21.2	2.37 V	229	40.3	12.5
7	15780.00	41.7 AV	54.0	-12.3	2.37 V	229	29.2	12.5

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 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	106.6 PK			2.17 H	187	104.1	2.5
2	*5300.00	97.9 AV			2.17 H	187	95.4	2.5
3	10600.00	51.8 PK	74.0	-22.2	1.70 H	111	39.4	12.4
4	10600.00	40.7 AV	54.0	-13.3	1.70 H	111	28.3	12.4
5	15900.00	51.9 PK	74.0	-22.1	2.98 H	112	39.6	12.3
6	15900.00	40.4 AV	54.0	-13.6	2.98 H	112	28.1	12.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	113.9 PK			2.10 V	257	111.4	2.5
2	*5300.00	104.1 AV			2.10 V	257	101.6	2.5
3	10600.00	60.6 PK	74.0	-13.4	2.63 V	188	48.2	12.4
4	10600.00	47.8 AV	54.0	-6.2	2.63 V	188	35.4	12.4
5	15900.00	52.9 PK	74.0	-21.1	2.32 V	249	40.6	12.3
6	15900.00	41.4 AV	54.0	-12.6	2.32 V	249	29.1	12.3

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
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	106.3 PK			2.17 H	187	103.8	2.5
2	*5320.00	97.4 AV			2.17 H	187	94.9	2.5
3	5350.00	57.6 PK	74.0	-16.4	2.17 H	187	55.0	2.6
4	5350.00	43.9 AV	54.0	-10.1	2.17 H	187	41.3	2.6
5	10640.00	52.4 PK	74.0	-21.6	1.67 H	92	39.8	12.6
6	10640.00	40.9 AV	54.0	-13.1	1.67 H	92	28.3	12.6
7	15960.00	51.7 PK	74.0	-22.3	3.04 H	111	39.2	12.5
8	15960.00	40.0 AV	54.0	-14.0	3.04 H	111	27.5	12.5
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	*5320.00	114.2 PK			1.98 V	226	111.7	2.5
2	*5320.00	104.8 AV			1.98 V	226	102.3	2.5
3	5350.00	65.2 PK	74.0	-8.8	1.98 V	226	62.6	2.6
4	5350.00	50.1 AV	54.0	-3.9	1.98 V	226	47.5	2.6
5	10640.00	59.0 PK	74.0	-15.0	2.63 V	189	46.4	12.6
6	10640.00	47.3 AV	54.0	-6.7	2.63 V	189	34.7	12.6
7	15960.00	53.0 PK	74.0	-21.0	2.34 V	252	40.5	12.5
8	15960.00	41.8 AV	54.0	-12.2	2.34 V	252	29.3	12.5

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	52.6 PK	74.0	-21.4	2.17 H	187	49.7	2.9
2	5460.00	37.7 AV	54.0	-16.3	2.17 H	187	34.8	2.9
3	#5470.00	60.6 PK	68.2	-7.6	2.17 H	187	57.7	2.9
4	*5500.00	103.8 PK			2.17 H	187	100.9	2.9
5	*5500.00	96.1 AV			2.17 H	187	93.2	2.9
6	11000.00	52.1 PK	74.0	-21.9	1.74 H	89	38.9	13.2
7	11000.00	40.6 AV	54.0	-13.4	1.74 H	89	27.4	13.2
8	#16500.00	52.5 PK	68.2	-15.7	3.06 H	111	37.5	15.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	55.1 PK	74.0	-18.9	2.04 V	232	52.2	2.9
2	5460.00	42.9 AV	54.0	-11.1	2.04 V	232	40.0	2.9
3	#5470.00	66.4 PK	68.2	-1.8	2.04 V	232	63.5	2.9
4	*5500.00	112.0 PK			2.04 V	232	109.1	2.9
5	*5500.00	102.6 AV			2.04 V	232	99.7	2.9
6	11000.00	57.6 PK	74.0	-16.4	2.59 V	180	44.4	13.2
7	11000.00	45.9 AV	54.0	-8.1	2.59 V	180	32.7	13.2
8	#16500.00	53.2 PK	68.2	-15.0	2.29 V	258	38.2	15.0

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 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	106.9 PK			2.17 H	187	103.7	3.2
2	*5580.00	98.2 AV			2.17 H	187	95.0	3.2
3	11160.00	51.4 PK	74.0	-22.6	1.69 H	99	38.3	13.1
4	11160.00	40.3 AV	54.0	-13.7	1.69 H	99	27.2	13.1
5	#16740.00	52.2 PK	68.2	-16.0	3.05 H	118	35.8	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	*5580.00	114.1 PK			1.92 V	231	110.9	3.2
2	*5580.00	104.4 AV			1.92 V	231	101.2	3.2
3	11160.00	58.2 PK	74.0	-15.8	2.60 V	181	45.1	13.1
4	11160.00	46.4 AV	54.0	-7.6	2.60 V	181	33.3	13.1
5	#16740.00	53.1 PK	68.2	-15.1	2.24 V	250	36.7	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.

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	104.3 PK			2.17 H	187	100.9	3.4
2	*5700.00	96.5 AV			2.17 H	187	93.1	3.4
3	#5725.00	59.6 PK	68.2	-8.6	2.17 H	187	56.3	3.3
4	11400.00	52.3 PK	74.0	-21.7	1.66 H	99	38.8	13.5
5	11400.00	41.1 AV	54.0	-12.9	1.66 H	99	27.6	13.5
6	#17100.00	51.5 PK	68.2	-16.7	2.99 H	113	35.4	16.1
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	*5700.00	112.5 PK			2.02 V	266	109.1	3.4
2	*5700.00	103.2 AV			2.02 V	266	99.8	3.4
3	#5725.00	66.5 PK	68.2	-1.7	2.02 V	266	63.2	3.3
4	11400.00	57.9 PK	74.0	-16.1	2.54 V	175	44.4	13.5
5	11400.00	45.3 AV	54.0	-8.7	2.54 V	175	31.8	13.5
6	#17100.00	53.0 PK	68.2	-15.2	2.23 V	253	36.9	16.1

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	106.5 PK			2.17 H	187	103.2	3.3
2	*5720.00	97.9 AV			2.17 H	187	94.6	3.3
3	#5850.00	50.1 PK	68.2	-18.1	2.17 H	187	46.5	3.6
4	11440.00	52.2 PK	74.0	-21.8	1.66 H	82	38.8	13.4
5	11440.00	40.8 AV	54.0	-13.2	1.66 H	82	27.4	13.4
6	#17160.00	51.8 PK	68.2	-16.4	2.99 H	127	35.5	16.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	112.8 PK			1.99 V	270	109.5	3.3
2	*5720.00	104.2 AV			1.99 V	270	100.9	3.3
3	#5850.00	55.6 PK	68.2	-12.6	1.81 V	261	52.0	3.6
4	11440.00	58.4 PK	74.0	-15.6	2.56 V	169	45.0	13.4
5	11440.00	45.7 AV	54.0	-8.3	2.56 V	169	32.3	13.4
6	#17160.00	53.3 PK	68.2	-14.9	2.23 V	245	37.0	16.3

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5593.91	56.9 PK	68.2	-11.3	2.33 H	174	53.7	3.2
2	*5745.00	110.1 PK			2.33 H	174	106.8	3.3
3	*5745.00	100.7 AV			2.33 H	174	97.4	3.3
4	#5961.62	55.5 PK	68.2	-12.7	2.33 H	174	52.0	3.5
5	11490.00	51.5 PK	74.0	-22.5	1.64 H	91	38.1	13.4
6	11490.00	40.4 AV	54.0	-13.6	1.64 H	91	27.0	13.4
7	#17235.00	52.0 PK	68.2	-16.2	3.02 H	126	35.3	16.7
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	#5645.40	56.6 PK	68.2	-11.6	1.47 V	258	53.4	3.2
2	*5745.00	114.9 PK			1.47 V	258	111.6	3.3
3	*5745.00	101.3 AV			1.47 V	258	98.0	3.3
4	#5984.20	55.1 PK	68.2	-13.1	1.47 V	258	51.4	3.7
5	11490.00	54.6 PK	74.0	-19.4	3.60 V	160	41.2	13.4
6	11490.00	43.8 AV	54.0	-10.2	3.60 V	160	30.4	13.4
7	#17235.00	62.1 PK	68.2	-6.1	3.84 V	223	45.4	16.7

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5642.44	54.5 PK	68.2	-13.7	2.33 H	183	51.3	3.2
2	*5785.00	109.5 PK			2.33 H	183	106.2	3.3
3	*5785.00	100.3 AV			2.33 H	183	97.0	3.3
4	#5929.63	54.5 PK	68.2	-13.7	2.33 H	183	50.9	3.6
5	11570.00	51.6 PK	74.0	-22.4	1.65 H	98	38.2	13.4
6	11570.00	40.6 AV	54.0	-13.4	1.65 H	98	27.2	13.4
7	#17355.00	52.3 PK	68.2	-15.9	3.06 H	119	35.0	17.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5621.87	55.1 PK	68.2	-13.1	1.47 V	248	51.8	3.3
2	*5785.00	115.6 PK			1.47 V	248	112.3	3.3
3	*5785.00	101.4 AV			1.47 V	248	98.1	3.3
4	#5992.60	54.0 PK	68.2	-14.2	1.47 V	248	50.3	3.7
5	11570.00	55.0 PK	74.0	-19.0	3.60 V	182	41.6	13.4
6	11570.00	43.8 AV	54.0	-10.2	3.60 V	182	30.4	13.4
7	#17355.00	61.7 PK	68.2	-6.5	3.83 V	236	44.4	17.3

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5594.46	53.9 PK	68.2	-14.3	2.35 H	159	50.7	3.2
2	*5825.00	110.5 PK			2.35 H	159	107.0	3.5
3	*5825.00	100.9 AV			2.35 H	159	97.4	3.5
4	#5946.70	54.7 PK	68.2	-13.5	2.35 H	159	51.2	3.5
5	11650.00	52.7 PK	74.0	-21.3	1.66 H	98	39.4	13.3
6	11650.00	41.2 AV	54.0	-12.8	1.66 H	98	27.9	13.3
7	#17475.00	51.7 PK	68.2	-16.5	2.98 H	121	33.5	18.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5568.38	55.0 PK	68.2	-13.2	1.46 V	243	51.8	3.2
2	*5825.00	113.1 PK			1.46 V	243	109.6	3.5
3	*5825.00	101.0 AV			1.46 V	243	97.5	3.5
4	#5962.34	55.3 PK	68.2	-12.9	1.46 V	243	51.8	3.5
5	11650.00	54.2 PK	74.0	-19.8	3.69 V	165	40.9	13.3
6	11650.00	43.2 AV	54.0	-10.8	3.69 V	165	29.9	13.3
7	#17475.00	61.8 PK	68.2	-6.4	3.84 V	236	43.6	18.2

REMARKS:

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

802.11ac (VHT40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	60.9 PK	74.0	-13.1	2.17 H	187	57.9	3.0
2	5150.00	44.1 AV	54.0	-9.9	2.17 H	187	41.1	3.0
3	*5190.00	102.1 PK			2.17 H	187	99.3	2.8
4	*5190.00	93.6 AV			2.17 H	187	90.8	2.8
5	#10380.00	50.6 PK	68.2	-17.6	1.64 H	121	38.2	12.4
6	15570.00	52.0 PK	74.0	-22.0	2.97 H	96	39.2	12.8
7	15570.00	40.2 AV	54.0	-13.8	2.97 H	96	27.4	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	5150.00	70.1 PK	74.0	-3.9	2.06 V	271	67.1	3.0
2	5150.00	52.1 AV	54.0	-1.9	2.06 V	271	49.1	3.0
3	*5190.00	109.1 PK			2.06 V	271	106.3	2.8
4	*5190.00	100.2 AV			2.06 V	271	97.4	2.8
5	#10380.00	50.5 PK	68.2	-17.7	2.32 V	258	38.1	12.4
6	15570.00	51.5 PK	74.0	-22.5	2.31 V	206	38.7	12.8
7	15570.00	39.8 AV	54.0	-14.2	2.31 V	206	27.0	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5230.00	104.9 PK			2.17 H	187	102.4	2.5
2	*5230.00	96.5 AV			2.17 H	187	94.0	2.5
3	5350.00	52.7 PK	74.0	-21.3	2.17 H	187	50.1	2.6
4	5350.00	37.4 AV	54.0	-16.6	2.17 H	187	34.8	2.6
5	#10460.00	50.9 PK	68.2	-17.3	1.60 H	116	38.0	12.9
6	15690.00	52.1 PK	74.0	-21.9	2.99 H	90	39.7	12.4
7	15690.00	40.1 AV	54.0	-13.9	2.99 H	90	27.7	12.4
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	*5230.00	111.8 PK			1.99 V	177	109.3	2.5
2	*5230.00	103.7 AV			1.99 V	177	101.2	2.5
3	5350.00	55.1 PK	74.0	-18.9	1.99 V	177	52.5	2.6
4	5350.00	43.8 AV	54.0	-10.2	1.99 V	177	41.2	2.6
5	#10460.00	51.1 PK	68.2	-17.1	2.41 V	259	38.2	12.9
6	15690.00	51.2 PK	74.0	-22.8	2.25 V	228	38.8	12.4
7	15690.00	39.5 AV	54.0	-14.5	2.25 V	228	27.1	12.4

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 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	2.17 H	187	50.1	3.0
2	5150.00	37.6 AV	54.0	-16.4	2.17 H	187	34.6	3.0
3	*5270.00	104.6 PK			2.17 H	187	102.2	2.4
4	*5270.00	96.3 AV			2.17 H	187	93.9	2.4
5	#10540.00	50.8 PK	68.2	-17.4	1.65 H	111	38.0	12.8
6	15810.00	51.4 PK	74.0	-22.6	2.94 H	105	39.0	12.4
7	15810.00	39.8 AV	54.0	-14.2	2.94 H	105	27.4	12.4
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	54.5 PK	74.0	-19.5	2.00 V	230	51.5	3.0
2	5150.00	42.9 AV	54.0	-11.1	2.00 V	230	39.9	3.0
3	*5270.00	111.6 PK			2.00 V	230	109.2	2.4
4	*5270.00	103.7 AV			2.00 V	230	101.3	2.4
5	#10540.00	50.8 PK	68.2	-17.4	2.37 V	254	38.0	12.8
6	15810.00	52.4 PK	74.0	-21.6	2.34 V	203	40.0	12.4
7	15810.00	40.4 AV	54.0	-13.6	2.34 V	203	28.0	12.4

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	101.4 PK			2.17 H	187	99.0	2.4
2	*5310.00	93.1 AV			2.17 H	187	90.7	2.4
3	5350.00	59.1 PK	74.0	-14.9	2.17 H	187	56.5	2.6
4	5350.00	43.9 AV	54.0	-10.1	2.17 H	187	41.3	2.6
5	10620.00	50.8 PK	74.0	-23.2	1.67 H	109	38.3	12.5
6	10620.00	39.1 AV	54.0	-14.9	1.67 H	109	26.6	12.5
7	15930.00	52.6 PK	74.0	-21.4	2.93 H	106	40.2	12.4
8	15930.00	40.6 AV	54.0	-13.4	2.93 H	106	28.2	12.4
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	*5310.00	108.3 PK			1.97 V	224	105.9	2.4
2	*5310.00	99.8 AV			1.97 V	224	97.4	2.4
3	5350.00	67.2 PK	74.0	-6.8	1.97 V	224	64.6	2.6
4	5350.00	52.1 AV	54.0	-1.9	1.97 V	224	49.5	2.6
5	10620.00	50.4 PK	74.0	-23.6	2.40 V	242	37.9	12.5
6	10620.00	38.8 AV	54.0	-15.2	2.40 V	242	26.3	12.5
7	15930.00	51.5 PK	74.0	-22.5	2.30 V	204	39.1	12.4
8	15930.00	39.5 AV	54.0	-14.5	2.30 V	204	27.1	12.4

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	52.3 PK	74.0	-21.7	2.17 H	187	49.4	2.9
2	5460.00	37.1 AV	54.0	-16.9	2.17 H	187	34.2	2.9
3	#5470.00	59.7 PK	68.2	-8.5	2.17 H	187	56.8	2.9
4	*5510.00	101.2 PK			2.17 H	187	98.3	2.9
5	*5510.00	91.1 AV			2.17 H	187	88.2	2.9
6	11020.00	50.7 PK	74.0	-23.3	1.68 H	133	37.5	13.2
7	11020.00	38.7 AV	54.0	-15.3	1.68 H	133	25.5	13.2
8	#16530.00	52.3 PK	68.2	-15.9	2.95 H	99	37.4	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	5460.00	59.3 PK	74.0	-14.7	2.05 V	87	56.4	2.9
2	5460.00	44.2 AV	54.0	-9.8	2.05 V	87	41.3	2.9
3	#5470.00	66.2 PK	68.2	-2.0	2.05 V	87	63.3	2.9
4	*5510.00	107.1 PK			2.05 V	87	104.2	2.9
5	*5510.00	97.5 AV			2.05 V	87	94.6	2.9
6	11020.00	50.5 PK	74.0	-23.5	2.33 V	254	37.3	13.2
7	11020.00	39.1 AV	54.0	-14.9	2.33 V	254	25.9	13.2
8	#16530.00	52.1 PK	68.2	-16.1	2.31 V	232	37.2	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	104.1 PK			2.17 H	187	101.1	3.0
2	*5550.00	95.8 AV			2.17 H	187	92.8	3.0
3	11100.00	50.6 PK	74.0	-23.4	1.66 H	115	37.6	13.0
4	11100.00	38.9 AV	54.0	-15.1	1.66 H	115	25.9	13.0
5	#16650.00	52.1 PK	68.2	-16.1	2.94 H	108	36.5	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	112.5 PK			2.17 V	55	109.5	3.0
2	*5550.00	103.1 AV			2.17 V	55	100.1	3.0
3	11100.00	50.3 PK	74.0	-23.7	2.36 V	250	37.3	13.0
4	11100.00	38.5 AV	54.0	-15.5	2.36 V	250	25.5	13.0
5	#16650.00	51.4 PK	68.2	-16.8	2.27 V	221	35.8	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	104.8 PK			2.17 H	187	101.5	3.3
2	*5670.00	94.3 AV			2.17 H	187	91.0	3.3
3	#5725.00	59.9 PK	68.2	-8.3	2.17 H	187	56.6	3.3
4	11340.00	50.6 PK	74.0	-23.4	1.63 H	115	37.1	13.5
5	11340.00	38.8 AV	54.0	-15.2	1.63 H	115	25.3	13.5
6	#17010.00	52.5 PK	68.2	-15.7	2.99 H	93	36.0	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	*5670.00	111.5 PK			1.89 V	268	108.2	3.3
2	*5670.00	101.0 AV			1.89 V	268	97.7	3.3
3	#5725.00	66.0 PK	68.2	-2.2	1.89 V	268	62.7	3.3
4	11340.00	50.4 PK	74.0	-23.6	2.35 V	252	36.9	13.5
5	11340.00	38.5 AV	54.0	-15.5	2.35 V	252	25.0	13.5
6	#17010.00	52.2 PK	68.2	-16.0	2.28 V	205	35.7	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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5710.00	104.5 PK			2.17 H	187	101.2	3.3
2	*5710.00	96.2 AV			2.17 H	187	92.9	3.3
3	#5850.00	50.1 PK	68.2	-18.1	2.17 H	187	46.5	3.6
4	11420.00	50.3 PK	74.0	-23.7	1.60 H	117	36.9	13.4
5	11420.00	38.4 AV	54.0	-15.6	1.60 H	117	25.0	13.4
6	#17130.00	52.5 PK	68.2	-15.7	2.94 H	85	36.2	16.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5710.00	111.8 PK			2.20 V	47	108.5	3.3
2	*5710.00	102.7 AV			2.20 V	47	99.4	3.3
3	#5850.00	55.7 PK	68.2	-12.5	2.20 V	47	52.1	3.6
4	11420.00	50.4 PK	74.0	-23.6	2.38 V	233	37.0	13.4
5	11420.00	38.7 AV	54.0	-15.3	2.38 V	233	25.3	13.4
6	#17130.00	51.0 PK	68.2	-17.2	2.27 V	209	34.7	16.3

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.39	55.6 PK	68.2	-12.6	2.16 H	185	52.4	3.2
2	*5755.00	107.4 PK			2.16 H	185	104.1	3.3
3	*5755.00	98.0 AV			2.16 H	185	94.7	3.3
4	#6021.88	54.9 PK	68.2	-13.3	2.16 H	185	51.1	3.8
5	11510.00	50.5 PK	74.0	-23.5	1.62 H	135	37.1	13.4
6	11510.00	38.5 AV	54.0	-15.5	1.62 H	135	25.1	13.4
7	#17265.00	52.4 PK	68.2	-15.8	2.94 H	89	35.6	16.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.91	61.9 PK	68.2	-6.3	1.55 V	262	58.7	3.2
2	*5755.00	108.9 PK			1.55 V	262	105.6	3.3
3	*5755.00	99.3 AV			1.55 V	262	96.0	3.3
4	#5957.10	54.7 PK	68.2	-13.5	1.55 V	262	51.2	3.5
5	11510.00	50.2 PK	74.0	-23.8	2.33 V	243	36.8	13.4
6	11510.00	38.5 AV	54.0	-15.5	2.33 V	243	25.1	13.4
7	#17265.00	51.4 PK	68.2	-16.8	2.28 V	225	34.6	16.8

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5632.10	55.5 PK	68.2	-12.7	2.18 H	176	52.3	3.2
2	*5795.00	107.4 PK			2.18 H	176	104.1	3.3
3	*5795.00	97.9 AV			2.18 H	176	94.6	3.3
4	#5995.45	54.9 PK	68.2	-13.3	2.18 H	176	51.2	3.7
5	11590.00	50.7 PK	74.0	-23.3	1.67 H	135	37.3	13.4
6	11590.00	38.9 AV	54.0	-15.1	1.67 H	135	25.5	13.4
7	#17385.00	52.0 PK	68.2	-16.2	3.02 H	100	34.5	17.5
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	#5646.13	55.8 PK	68.2	-12.4	1.50 V	254	52.6	3.2
2	*5795.00	109.2 PK			1.50 V	254	105.9	3.3
3	*5795.00	99.8 AV			1.50 V	254	96.5	3.3
4	#5926.44	61.6 PK	68.2	-6.6	1.50 V	254	58.0	3.6
5	11590.00	50.2 PK	74.0	-23.8	2.34 V	231	36.8	13.4
6	11590.00	38.4 AV	54.0	-15.6	2.34 V	231	25.0	13.4
7	#17385.00	51.8 PK	68.2	-16.4	2.35 V	232	34.3	17.5

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	59.0 PK	74.0	-15.0	2.17 H	187	56.0	3.0
2	5150.00	43.8 AV	54.0	-10.2	2.17 H	187	40.8	3.0
3	*5210.00	98.4 PK			2.17 H	187	95.7	2.7
4	*5210.00	89.5 AV			2.17 H	187	86.8	2.7
5	5350.00	52.7 PK	74.0	-21.3	2.17 H	187	50.1	2.6
6	5350.00	37.2 AV	54.0	-16.8	2.17 H	187	34.6	2.6
7	#10420.00	50.0 PK	68.2	-18.2	1.59 H	133	37.4	12.6
8	15630.00	52.4 PK	74.0	-21.6	2.92 H	105	39.7	12.7
9	15630.00	40.4 AV	54.0	-13.6	2.92 H	105	27.7	12.7
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	5150.00	68.2 PK	74.0	-5.8	1.96 V	227	65.2	3.0
2	5150.00	52.4 AV	54.0	-1.6	1.96 V	227	49.4	3.0
3	*5210.00	105.2 PK			1.96 V	227	102.5	2.7
4	*5210.00	96.2 AV			1.96 V	227	93.5	2.7
5	5350.00	55.2 PK	74.0	-18.8	1.96 V	227	52.6	2.6
6	5350.00	42.2 AV	54.0	-11.8	1.96 V	227	39.6	2.6
7	#10420.00	50.9 PK	68.2	-17.3	2.43 V	240	38.3	12.6
8	15630.00	51.9 PK	74.0	-22.1	2.29 V	222	39.2	12.7
9	15630.00	40.1 AV	54.0	-13.9	2.29 V	222	27.4	12.7

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 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	49.4 PK	74.0	-24.6	2.17 H	187	46.4	3.0
2	5150.00	36.5 AV	54.0	-17.5	2.17 H	187	33.5	3.0
3	*5290.00	98.2 PK			2.17 H	187	95.8	2.4
4	*5290.00	89.4 AV			2.17 H	187	87.0	2.4
5	5350.00	59.2 PK	74.0	-14.8	2.17 H	187	56.6	2.6
6	5350.00	44.1 AV	54.0	-9.9	2.17 H	187	41.5	2.6
7	#10580.00	50.5 PK	68.2	-17.7	1.69 H	111	37.9	12.6
8	15870.00	52.4 PK	74.0	-21.6	2.95 H	96	40.0	12.4
9	15870.00	40.7 AV	54.0	-13.3	2.95 H	96	28.3	12.4
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	55.8 PK	74.0	-18.2	1.94 V	228	52.8	3.0
2	5150.00	42.6 AV	54.0	-11.4	1.94 V	228	39.6	3.0
3	*5290.00	105.6 PK			1.94 V	228	103.2	2.4
4	*5290.00	96.5 AV			1.94 V	228	94.1	2.4
5	5350.00	67.2 PK	74.0	-6.8	1.94 V	228	64.6	2.6
6	5350.00	52.3 AV	54.0	-1.7	1.94 V	228	49.7	2.6
7	#10580.00	51.0 PK	68.2	-17.2	2.34 V	229	38.4	12.6
8	15870.00	51.5 PK	74.0	-22.5	2.30 V	224	39.1	12.4
9	15870.00	39.4 AV	54.0	-14.6	2.30 V	224	27.0	12.4

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	52.0 PK	74.0	-22.0	2.17 H	187	49.1	2.9
2	5460.00	37.0 AV	54.0	-17.0	2.17 H	187	34.1	2.9
3	#5470.00	59.7 PK	68.2	-8.5	2.17 H	187	56.8	2.9
4	*5530.00	97.7 PK			2.17 H	187	94.7	3.0
5	*5530.00	86.9 AV			2.17 H	187	83.9	3.0
6	11060.00	51.0 PK	74.0	-23.0	1.62 H	124	37.8	13.2
7	11060.00	38.8 AV	54.0	-15.2	1.62 H	124	25.6	13.2
8	#16590.00	51.9 PK	68.2	-16.3	3.02 H	106	36.8	15.1
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	5460.00	59.2 PK	74.0	-14.8	2.02 V	90	56.3	2.9
2	5460.00	44.2 AV	54.0	-9.8	2.02 V	90	41.3	2.9
3	#5470.00	66.1 PK	68.2	-2.1	2.02 V	90	63.2	2.9
4	*5530.00	104.5 PK			2.02 V	90	101.5	3.0
5	*5530.00	93.8 AV			2.02 V	90	90.8	3.0
6	11060.00	50.3 PK	74.0	-23.7	2.35 V	256	37.1	13.2
7	11060.00	38.4 AV	54.0	-15.6	2.35 V	256	25.2	13.2
8	#16590.00	51.6 PK	68.2	-16.6	2.30 V	207	36.5	15.1

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 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	103.6 PK			2.17 H	187	100.3	3.3
2	*5610.00	93.1 AV			2.17 H	187	89.8	3.3
3	#5725.00	60.1 PK	68.2	-8.1	2.17 H	187	56.8	3.3
4	11220.00	50.5 PK	74.0	-23.5	1.66 H	108	37.3	13.2
5	11220.00	38.6 AV	54.0	-15.4	1.66 H	108	25.4	13.2
6	#16830.00	51.9 PK	68.2	-16.3	2.98 H	98	35.3	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	*5610.00	110.1 PK			1.99 V	264	106.8	3.3
2	*5610.00	99.6 AV			1.99 V	264	96.3	3.3
3	#5725.00	65.4 PK	68.2	-2.8	1.99 V	264	62.1	3.3
4	11220.00	50.5 PK	74.0	-23.5	2.33 V	240	37.3	13.2
5	11220.00	38.9 AV	54.0	-15.1	2.33 V	240	25.7	13.2
6	#16830.00	51.7 PK	68.2	-16.5	2.35 V	209	35.1	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 138	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5690.00	104.0 PK			2.17 H	187	100.7	3.3
2	*5690.00	93.6 AV			2.17 H	187	90.3	3.3
3	#5850.00	50.7 PK	68.2	-17.5	2.17 H	187	47.1	3.6
4	11380.00	51.1 PK	74.0	-22.9	1.67 H	121	37.6	13.5
5	11380.00	39.0 AV	54.0	-15.0	1.67 H	121	25.5	13.5
6	#17070.00	51.7 PK	68.2	-16.5	2.98 H	83	35.5	16.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5690.00	108.4 PK			1.95 V	67	105.1	3.3
2	*5690.00	99.7 AV			1.95 V	67	96.4	3.3
3	#5850.00	56.0 PK	68.2	-12.2	1.95 V	67	52.4	3.6
4	11380.00	50.4 PK	74.0	-23.6	2.33 V	241	36.9	13.5
5	11380.00	38.4 AV	54.0	-15.6	2.33 V	241	24.9	13.5
6	#17070.00	51.7 PK	68.2	-16.5	2.29 V	221	35.5	16.2

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.91	64.3 PK	68.2	-3.9	2.17 H	187	61.1	3.2
2	*5775.00	105.0 PK			2.17 H	187	101.6	3.4
3	*5775.00	94.7 AV			2.17 H	187	91.3	3.4
4	#5931.09	61.7 PK	68.2	-6.5	2.17 H	187	58.1	3.6
5	11550.00	50.4 PK	74.0	-23.6	1.64 H	108	37.1	13.3
6	11550.00	38.5 AV	54.0	-15.5	1.64 H	108	25.2	13.3
7	#17325.00	51.6 PK	68.2	-16.6	2.99 H	94	34.5	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	#5649.42	66.6 PK	68.2	-1.6	1.79 V	307	63.4	3.2
2	*5775.00	108.0 PK			1.79 V	307	104.6	3.4
3	*5775.00	97.6 AV			1.79 V	307	94.2	3.4
4	#5935.11	64.3 PK	68.2	-3.9	1.79 V	307	60.7	3.6
5	11550.00	50.5 PK	74.0	-23.5	2.38 V	242	37.2	13.3
6	11550.00	38.7 AV	54.0	-15.3	2.38 V	242	25.4	13.3
7	#17325.00	51.3 PK	68.2	-16.9	2.27 V	207	34.2	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.

Below 1GHz Data:

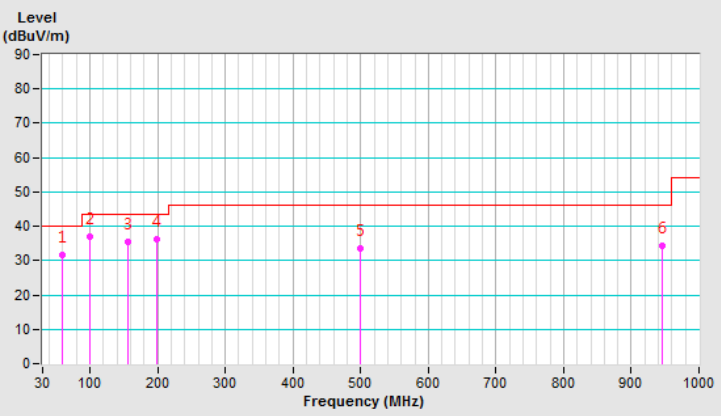
802.11ac (VHT20)

CHANNEL	TX Channel 149	**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	58.81	31.8 QP	40.0	-8.2	2.00 H	102	40.0	-8.2
2	99.85	36.9 QP	43.5	-6.6	1.42 H	201	49.2	-12.3
3	156.70	35.5 QP	43.5	-8.0	1.52 H	202	43.0	-7.5
4	199.26	36.2 QP	43.5	-7.3	1.50 H	130	47.3	-11.1
5	499.82	33.5 QP	46.0	-12.5	1.25 H	200	35.3	-1.8
6	945.80	34.3 QP	46.0	-11.7	1.00 H	360	28.1	6.2

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

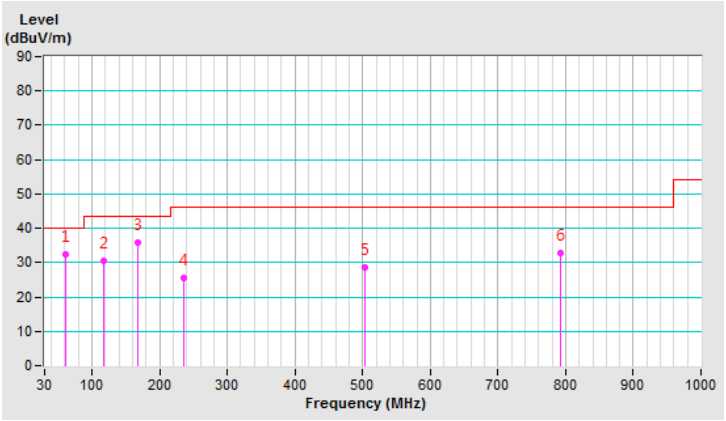


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	60.11	32.4 QP	40.0	-7.6	1.77 V	201	40.7	-8.3
2	117.95	30.4 QP	43.5	-13.1	1.32 V	144	40.4	-10.0
3	166.95	35.9 QP	43.5	-7.6	1.81 V	177	44.0	-8.1
4	236.42	25.4 QP	46.0	-20.6	1.52 V	133	35.0	-9.6
5	502.85	28.6 QP	46.0	-17.4	1.51 V	134	30.3	-1.7
6	791.52	32.7 QP	46.0	-13.3	1.52 V	211	28.9	3.8

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. Margin value = Emission Level – Limit value
4. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



1TX Mode

Above 1GHz Data:

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5150.00	61.7 PK	74.0	-12.3	2.09 H	184	58.7	3.0
2	5150.00	46.2 AV	54.0	-7.8	2.09 H	184	43.2	3.0
3	*5180.00	103.4 PK			2.09 H	184	100.6	2.8
4	*5180.00	94.5 AV			2.09 H	184	91.7	2.8
5	#10360.00	50.6 PK	68.2	-17.6	1.60 H	118	38.2	12.4
6	15540.00	51.6 PK	74.0	-22.4	3.01 H	106	38.8	12.8
7	15540.00	39.7 AV	54.0	-14.3	3.01 H	106	26.9	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	5150.00	67.4 PK	74.0	-6.6	1.97 V	91	64.4	3.0
2	5150.00	52.4 AV	54.0	-1.6	1.97 V	91	49.4	3.0
3	*5180.00	111.0 PK			1.97 V	91	108.2	2.8
4	*5180.00	102.2 AV			1.97 V	91	99.4	2.8
5	#10360.00	58.1 PK	68.2	-10.1	2.53 V	56	45.7	12.4
6	15540.00	52.0 PK	74.0	-22.0	2.27 V	189	39.2	12.8
7	15540.00	40.9 AV	54.0	-13.1	2.27 V	189	28.1	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	54.7 PK	74.0	-19.3	2.11 H	173	51.7	3.0
2	5150.00	39.5 AV	54.0	-14.5	2.11 H	173	36.5	3.0
3	*5200.00	106.1 PK			2.11 H	173	103.4	2.7
4	*5200.00	96.8 AV			2.11 H	173	94.1	2.7
5	#10400.00	51.0 PK	68.2	-17.2	1.64 H	117	38.5	12.5
6	15600.00	51.9 PK	74.0	-22.1	2.96 H	97	39.1	12.8
7	15600.00	40.2 AV	54.0	-13.8	2.96 H	97	27.4	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	5150.00	60.3 PK	74.0	-13.7	1.96 V	91	57.3	3.0
2	5150.00	45.9 AV	54.0	-8.1	1.96 V	91	42.9	3.0
3	*5200.00	113.8 PK			1.96 V	91	111.1	2.7
4	*5200.00	104.6 AV			1.96 V	91	101.9	2.7
5	#10400.00	59.4 PK	68.2	-8.8	2.48 V	74	46.9	12.5
6	15600.00	52.4 PK	74.0	-21.6	2.31 V	188	39.6	12.8
7	15600.00	40.8 AV	54.0	-13.2	2.31 V	188	28.0	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	52.9 PK	74.0	-21.1	2.08 H	199	49.9	3.0
2	5150.00	38.1 AV	54.0	-15.9	2.08 H	199	35.1	3.0
3	*5240.00	106.2 PK			2.08 H	199	103.7	2.5
4	*5240.00	96.9 AV			2.08 H	199	94.4	2.5
5	5350.00	52.8 PK	74.0	-21.2	2.08 H	199	50.2	2.6
6	5350.00	37.7 AV	54.0	-16.3	2.08 H	199	35.1	2.6
7	#10480.00	50.4 PK	68.2	-17.8	1.69 H	122	37.4	13.0
8	15720.00	51.4 PK	74.0	-22.6	3.01 H	106	39.0	12.4
9	15720.00	39.6 AV	54.0	-14.4	3.01 H	106	27.2	12.4
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	54.6 PK	74.0	-19.4	2.00 V	83	51.6	3.0
2	5150.00	42.7 AV	54.0	-11.3	2.00 V	83	39.7	3.0
3	*5240.00	113.6 PK			2.00 V	83	111.1	2.5
4	*5240.00	104.6 AV			2.00 V	83	102.1	2.5
5	5350.00	54.5 PK	74.0	-19.5	2.00 V	83	51.9	2.6
6	5350.00	43.5 AV	54.0	-10.5	2.00 V	83	40.9	2.6
7	#10480.00	59.6 PK	68.2	-8.6	2.47 V	67	46.6	13.0
8	15720.00	51.9 PK	74.0	-22.1	2.36 V	182	39.5	12.4
9	15720.00	40.4 AV	54.0	-13.6	2.36 V	182	28.0	12.4

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 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	52.5 PK	74.0	-21.5	2.17 H	186	49.5	3.0
2	5150.00	37.4 AV	54.0	-16.6	2.17 H	186	34.4	3.0
3	*5260.00	106.3 PK			2.17 H	186	103.9	2.4
4	*5260.00	96.7 AV			2.17 H	186	94.3	2.4
5	#10520.00	49.8 PK	68.2	-18.4	1.67 H	119	36.9	12.9
6	15780.00	51.3 PK	74.0	-22.7	2.93 H	96	38.8	12.5
7	15780.00	39.4 AV	54.0	-14.6	2.93 H	96	26.9	12.5
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	5150.00	54.5 PK	74.0	-19.5	1.96 V	86	51.5	3.0
2	5150.00	43.4 AV	54.0	-10.6	1.96 V	86	40.4	3.0
3	*5260.00	113.2 PK			1.96 V	86	110.8	2.4
4	*5260.00	104.5 AV			1.96 V	86	102.1	2.4
5	#10520.00	59.8 PK	68.2	-8.4	2.46 V	80	46.9	12.9
6	15780.00	52.3 PK	74.0	-21.7	2.27 V	182	39.8	12.5
7	15780.00	40.7 AV	54.0	-13.3	2.27 V	182	28.2	12.5

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 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	104.5 PK			2.09 H	195	102.0	2.5
2	*5300.00	95.8 AV			2.09 H	195	93.3	2.5
3	10600.00	50.3 PK	74.0	-23.7	1.60 H	99	37.9	12.4
4	10600.00	38.1 AV	54.0	-15.9	1.60 H	99	25.7	12.4
5	15900.00	51.1 PK	74.0	-22.9	2.99 H	87	38.8	12.3
6	15900.00	39.2 AV	54.0	-14.8	2.99 H	87	26.9	12.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	112.2 PK			1.92 V	98	109.7	2.5
2	*5300.00	103.5 AV			1.92 V	98	101.0	2.5
3	10600.00	60.5 PK	74.0	-13.5	2.42 V	88	48.1	12.4
4	10600.00	47.8 AV	54.0	-6.2	2.42 V	88	35.4	12.4
5	15900.00	52.1 PK	74.0	-21.9	2.32 V	198	39.8	12.3
6	15900.00	40.7 AV	54.0	-13.3	2.32 V	198	28.4	12.3

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
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	104.5 PK			2.18 H	172	102.0	2.5
2	*5320.00	95.7 AV			2.18 H	172	93.2	2.5
3	5350.00	61.4 PK	74.0	-12.6	2.18 H	172	58.8	2.6
4	5350.00	46.1 AV	54.0	-7.9	2.18 H	172	43.5	2.6
5	10640.00	50.8 PK	74.0	-23.2	1.68 H	101	38.2	12.6
6	10640.00	38.9 AV	54.0	-15.1	1.68 H	101	26.3	12.6
7	15960.00	51.5 PK	74.0	-22.5	2.95 H	96	39.0	12.5
8	15960.00	39.7 AV	54.0	-14.3	2.95 H	96	27.2	12.5
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	*5320.00	112.5 PK			1.97 V	90	110.0	2.5
2	*5320.00	103.5 AV			1.97 V	90	101.0	2.5
3	5350.00	66.3 PK	74.0	-7.7	1.97 V	90	63.7	2.6
4	5350.00	51.7 AV	54.0	-2.3	1.97 V	90	49.1	2.6
5	10640.00	58.3 PK	74.0	-15.7	2.41 V	81	45.7	12.6
6	10640.00	45.6 AV	54.0	-8.4	2.41 V	81	33.0	12.6
7	15960.00	51.9 PK	74.0	-22.1	2.29 V	211	39.4	12.5
8	15960.00	40.4 AV	54.0	-13.6	2.29 V	211	27.9	12.5

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	53.0 PK	74.0	-21.0	2.12 H	175	50.1	2.9
2	5460.00	37.8 AV	54.0	-16.2	2.12 H	175	34.9	2.9
3	#5470.00	60.6 PK	68.2	-7.6	2.12 H	175	57.7	2.9
4	*5500.00	101.5 PK			2.12 H	175	98.6	2.9
5	*5500.00	92.8 AV			2.12 H	175	89.9	2.9
6	11000.00	50.6 PK	74.0	-23.4	1.63 H	102	37.4	13.2
7	11000.00	38.8 AV	54.0	-15.2	1.63 H	102	25.6	13.2
8	#16500.00	51.8 PK	68.2	-16.4	3.03 H	103	36.8	15.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	57.5 PK	74.0	-16.5	1.98 V	90	54.6	2.9
2	5460.00	43.7 AV	54.0	-10.3	1.98 V	90	40.8	2.9
3	#5470.00	66.5 PK	68.2	-1.7	1.98 V	90	63.6	2.9
4	*5500.00	109.2 PK			1.98 V	90	106.3	2.9
5	*5500.00	100.5 AV			1.98 V	90	97.6	2.9
6	11000.00	54.6 PK	74.0	-19.4	2.49 V	225	41.4	13.2
7	11000.00	43.1 AV	54.0	-10.9	2.49 V	225	29.9	13.2
8	#16500.00	52.0 PK	68.2	-16.2	2.28 V	223	37.0	15.0

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 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	104.6 PK			2.17 H	182	101.4	3.2
2	*5580.00	95.1 AV			2.17 H	182	91.9	3.2
3	11160.00	50.7 PK	74.0	-23.3	1.68 H	98	37.6	13.1
4	11160.00	38.8 AV	54.0	-15.2	1.68 H	98	25.7	13.1
5	#16740.00	51.9 PK	68.2	-16.3	3.00 H	87	35.5	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	*5580.00	111.4 PK			1.99 V	89	108.2	3.2
2	*5580.00	102.5 AV			1.99 V	89	99.3	3.2
3	11160.00	56.8 PK	74.0	-17.2	2.46 V	219	43.7	13.1
4	11160.00	44.9 AV	54.0	-9.1	2.46 V	219	31.8	13.1
5	#16740.00	52.4 PK	68.2	-15.8	2.29 V	206	36.0	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.

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	101.4 PK			2.13 H	179	98.0	3.4
2	*5700.00	92.4 AV			2.13 H	179	89.0	3.4
3	#5725.00	60.6 PK	68.2	-7.6	2.13 H	179	57.3	3.3
4	11400.00	49.9 PK	74.0	-24.1	1.61 H	121	36.4	13.5
5	11400.00	38.2 AV	54.0	-15.8	1.61 H	121	24.7	13.5
6	#17100.00	51.5 PK	68.2	-16.7	3.01 H	110	35.4	16.1
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	*5700.00	109.3 PK			1.97 V	96	105.9	3.4
2	*5700.00	100.3 AV			1.97 V	96	96.9	3.4
3	#5725.00	66.4 PK	68.2	-1.8	1.97 V	96	63.1	3.3
4	11400.00	53.4 PK	74.0	-20.6	2.53 V	223	39.9	13.5
5	11400.00	41.6 AV	54.0	-12.4	2.53 V	223	28.1	13.5
6	#17100.00	52.4 PK	68.2	-15.8	2.31 V	200	36.3	16.1

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	104.0 PK			2.13 H	184	100.7	3.3
2	*5720.00	95.3 AV			2.13 H	184	92.0	3.3
3	#5850.00	51.5 PK	68.2	-16.7	2.13 H	184	47.9	3.6
4	11440.00	50.0 PK	74.0	-24.0	1.65 H	99	36.6	13.4
5	11440.00	38.4 AV	54.0	-15.6	1.65 H	99	25.0	13.4
6	#17160.00	51.3 PK	68.2	-16.9	3.01 H	103	35.0	16.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	112.3 PK			2.05 V	95	109.0	3.3
2	*5720.00	103.3 AV			2.05 V	95	100.0	3.3
3	#5850.00	57.1 PK	68.2	-11.1	2.05 V	95	53.5	3.6
4	11440.00	54.5 PK	74.0	-19.5	1.78 V	242	41.1	13.4
5	11440.00	43.2 AV	54.0	-10.8	1.78 V	242	29.8	13.4
6	#17160.00	51.7 PK	68.2	-16.5	2.29 V	208	35.4	16.3

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5556.53	54.1 PK	68.2	-14.1	2.10 H	184	51.1	3.0
2	*5745.00	108.9 PK			2.10 H	184	105.6	3.3
3	*5745.00	99.4 AV			2.10 H	184	96.1	3.3
4	#6008.54	54.5 PK	68.2	-13.7	2.10 H	184	50.8	3.7
5	11490.00	51.0 PK	74.0	-23.0	1.70 H	94	37.6	13.4
6	11490.00	38.8 AV	54.0	-15.2	1.70 H	94	25.4	13.4
7	#17235.00	51.8 PK	68.2	-16.4	2.94 H	95	35.1	16.7
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	#5647.93	57.0 PK	68.2	-11.2	1.51 V	285	53.8	3.2
2	*5745.00	110.1 PK			1.51 V	285	106.8	3.3
3	*5745.00	101.4 AV			1.51 V	285	98.1	3.3
4	#5951.54	55.0 PK	68.2	-13.2	1.51 V	285	51.5	3.5
5	11490.00	55.4 PK	74.0	-18.6	2.73 V	263	42.0	13.4
6	11490.00	42.3 AV	54.0	-11.7	2.73 V	263	28.9	13.4
7	#17235.00	52.4 PK	68.2	-15.8	2.25 V	197	35.7	16.7

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5560.43	54.0 PK	68.2	-14.2	2.11 H	184	50.9	3.1
2	*5785.00	108.9 PK			2.11 H	184	105.6	3.3
3	*5785.00	99.1 AV			2.11 H	184	95.8	3.3
4	#5971.61	55.5 PK	68.2	-12.7	2.11 H	184	51.9	3.6
5	11570.00	50.2 PK	74.0	-23.8	1.69 H	115	36.8	13.4
6	11570.00	38.4 AV	54.0	-15.6	1.69 H	115	25.0	13.4
7	#17355.00	51.5 PK	68.2	-16.7	2.95 H	104	34.2	17.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5627.60	55.0 PK	68.2	-13.2	1.48 V	278	51.7	3.3
2	*5785.00	109.4 PK			1.48 V	278	106.1	3.3
3	*5785.00	100.9 AV			1.48 V	278	97.6	3.3
4	#5949.57	54.6 PK	68.2	-13.6	1.48 V	278	51.1	3.5
5	11570.00	55.6 PK	74.0	-18.4	2.75 V	257	42.2	13.4
6	11570.00	42.7 AV	54.0	-11.3	2.75 V	257	29.3	13.4
7	#17355.00	52.7 PK	68.2	-15.5	2.24 V	188	35.4	17.3

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5587.31	55.5 PK	68.2	-12.7	2.11 H	181	52.3	3.2
2	*5825.00	109.1 PK			2.11 H	181	105.6	3.5
3	*5825.00	99.8 AV			2.11 H	181	96.3	3.5
4	#5937.04	55.3 PK	68.2	-12.9	2.11 H	181	51.7	3.6
5	11650.00	50.7 PK	74.0	-23.3	1.68 H	102	37.4	13.3
6	11650.00	38.9 AV	54.0	-15.1	1.68 H	102	25.6	13.3
7	#17475.00	51.7 PK	68.2	-16.5	3.00 H	96	33.5	18.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5584.52	54.7 PK	68.2	-13.5	1.10 V	101	51.5	3.2
2	*5825.00	109.5 PK			1.51 V	283	106.0	3.5
3	*5825.00	100.9 AV			1.51 V	283	97.4	3.5
4	#5930.23	57.1 PK	68.2	-11.1	1.10 V	101	53.5	3.6
5	11650.00	55.3 PK	74.0	-18.7	2.75 V	261	42.0	13.3
6	11650.00	42.2 AV	54.0	-11.8	2.75 V	261	28.9	13.3
7	#17475.00	52.6 PK	68.2	-15.6	2.25 V	194	34.4	18.2

REMARKS:

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

802.11ac (VHT20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	61.5 PK	74.0	-12.5	2.15 H	188	58.5	3.0
2	5150.00	46.2 AV	54.0	-7.8	2.15 H	188	43.2	3.0
3	*5180.00	103.9 PK			2.15 H	188	101.1	2.8
4	*5180.00	94.8 AV			2.15 H	188	92.0	2.8
5	#10360.00	50.9 PK	68.2	-17.3	1.61 H	96	38.5	12.4
6	15540.00	51.5 PK	74.0	-22.5	2.95 H	79	38.7	12.8
7	15540.00	39.5 AV	54.0	-14.5	2.95 H	79	26.7	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	5150.00	68.2 PK	74.0	-5.8	2.02 V	85	65.2	3.0
2	5150.00	52.3 AV	54.0	-1.7	2.02 V	85	49.3	3.0
3	*5180.00	110.9 PK			2.02 V	85	108.1	2.8
4	*5180.00	101.4 AV			2.02 V	85	98.6	2.8
5	#10360.00	58.1 PK	68.2	-10.1	2.59 V	56	45.7	12.4
6	15540.00	51.9 PK	74.0	-22.1	2.21 V	185	39.1	12.8
7	15540.00	40.7 AV	54.0	-13.3	2.21 V	185	27.9	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	106.9 PK			2.16 H	197	104.2	2.7
2	*5200.00	97.5 AV			2.16 H	197	94.8	2.7
3	#10400.00	50.4 PK	68.2	-17.8	1.61 H	111	37.9	12.5
4	15600.00	51.7 PK	74.0	-22.3	3.04 H	90	38.9	12.8
5	15600.00	39.5 AV	54.0	-14.5	3.04 H	90	26.7	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	*5200.00	113.6 PK			1.90 V	105	110.9	2.7
2	*5200.00	104.6 AV			1.90 V	105	101.9	2.7
3	#10400.00	59.3 PK	68.2	-8.9	2.42 V	93	46.8	12.5
4	15600.00	51.8 PK	74.0	-22.2	2.24 V	181	39.0	12.8
5	15600.00	40.6 AV	54.0	-13.4	2.24 V	181	27.8	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	107.0 PK			2.18 H	186	104.5	2.5
2	*5240.00	97.6 AV			2.18 H	186	95.1	2.5
3	5350.00	52.6 PK	74.0	-21.4	2.18 H	186	50.0	2.6
4	5350.00	37.6 AV	54.0	-16.4	2.18 H	186	35.0	2.6
5	#10480.00	50.2 PK	68.2	-18.0	1.61 H	97	37.2	13.0
6	15720.00	52.3 PK	74.0	-21.7	2.99 H	104	39.9	12.4
7	15720.00	40.2 AV	54.0	-13.8	2.99 H	104	27.8	12.4
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	*5240.00	114.1 PK			2.01 V	76	111.6	2.5
2	*5240.00	104.9 AV			2.01 V	76	102.4	2.5
3	5350.00	54.3 PK	74.0	-19.7	2.01 V	81	51.7	2.6
4	5350.00	43.2 AV	54.0	-10.8	2.01 V	81	40.6	2.6
5	#10480.00	59.4 PK	68.2	-8.8	2.43 V	105	46.4	13.0
6	15720.00	52.0 PK	74.0	-22.0	2.19 V	165	39.6	12.4
7	15720.00	40.7 AV	54.0	-13.3	2.19 V	165	28.3	12.4

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 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	52.7 PK	74.0	-21.3	2.12 H	170	49.7	3.0
2	5150.00	37.7 AV	54.0	-16.3	2.12 H	170	34.7	3.0
3	*5260.00	107.3 PK			2.12 H	170	104.9	2.4
4	*5260.00	97.7 AV			2.12 H	170	95.3	2.4
5	#10520.00	50.5 PK	68.2	-17.7	1.60 H	111	37.6	12.9
6	15780.00	51.2 PK	74.0	-22.8	2.96 H	110	38.7	12.5
7	15780.00	39.6 AV	54.0	-14.4	2.96 H	110	27.1	12.5
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	5150.00	53.6 PK	74.0	-20.4	1.97 V	104	50.6	3.0
2	5150.00	42.6 AV	54.0	-11.4	1.97 V	104	39.6	3.0
3	*5260.00	113.8 PK			1.97 V	104	111.4	2.4
4	*5260.00	104.8 AV			1.97 V	104	102.4	2.4
5	#10520.00	59.8 PK	68.2	-8.4	2.41 V	95	46.9	12.9
6	15780.00	51.6 PK	74.0	-22.4	2.27 V	179	39.1	12.5
7	15780.00	40.7 AV	54.0	-13.3	2.27 V	179	28.2	12.5

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 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	106.7 PK			2.12 H	176	104.2	2.5
2	*5300.00	97.6 AV			2.12 H	176	95.1	2.5
3	10600.00	50.6 PK	74.0	-23.4	1.63 H	117	38.2	12.4
4	10600.00	38.4 AV	54.0	-15.6	1.63 H	117	26.0	12.4
5	15900.00	51.0 PK	74.0	-23.0	3.04 H	86	38.7	12.3
6	15900.00	39.4 AV	54.0	-14.6	3.04 H	86	27.1	12.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	113.3 PK			1.96 V	76	110.8	2.5
2	*5300.00	104.2 AV			1.96 V	76	101.7	2.5
3	10600.00	60.5 PK	74.0	-13.5	2.44 V	81	48.1	12.4
4	10600.00	47.7 AV	54.0	-6.3	2.44 V	81	35.3	12.4
5	15900.00	52.1 PK	74.0	-21.9	2.29 V	230	39.8	12.3
6	15900.00	40.4 AV	54.0	-13.6	2.29 V	230	28.1	12.3

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
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	107.2 PK			2.15 H	182	104.7	2.5
2	*5320.00	97.9 AV			2.15 H	182	95.4	2.5
3	5350.00	62.4 PK	74.0	-11.6	2.15 H	182	59.8	2.6
4	5350.00	46.7 AV	54.0	-7.3	2.15 H	182	44.1	2.6
5	10640.00	49.9 PK	74.0	-24.1	1.63 H	99	37.3	12.6
6	10640.00	38.2 AV	54.0	-15.8	1.63 H	99	25.6	12.6
7	15960.00	52.0 PK	74.0	-22.0	3.03 H	80	39.5	12.5
8	15960.00	40.2 AV	54.0	-13.8	3.03 H	80	27.7	12.5
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	*5320.00	112.7 PK			1.93 V	98	110.2	2.5
2	*5320.00	103.5 AV			1.93 V	98	101.0	2.5
3	5350.00	65.6 PK	74.0	-8.4	1.91 V	77	63.0	2.6
4	5350.00	52.3 AV	54.0	-1.7	1.91 V	77	49.7	2.6
5	10640.00	58.6 PK	74.0	-15.4	2.38 V	76	46.0	12.6
6	10640.00	45.7 AV	54.0	-8.3	2.38 V	76	33.1	12.6
7	15960.00	51.9 PK	74.0	-22.1	2.30 V	220	39.4	12.5
8	15960.00	40.2 AV	54.0	-13.8	2.30 V	220	27.7	12.5

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	53.3 PK	74.0	-20.7	2.12 H	193	50.4	2.9
2	5460.00	38.2 AV	54.0	-15.8	2.12 H	193	35.3	2.9
3	#5470.00	60.2 PK	68.2	-8.0	2.12 H	193	57.3	2.9
4	*5500.00	101.5 PK			2.12 H	193	98.6	2.9
5	*5500.00	92.2 AV			2.12 H	193	89.3	2.9
6	11000.00	50.3 PK	74.0	-23.7	1.66 H	100	37.1	13.2
7	11000.00	38.2 AV	54.0	-15.8	1.66 H	100	25.0	13.2
8	#16500.00	51.0 PK	68.2	-17.2	3.02 H	108	36.0	15.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	57.4 PK	74.0	-16.6	1.96 V	92	54.5	2.9
2	5460.00	43.4 AV	54.0	-10.6	1.96 V	92	40.5	2.9
3	#5470.00	66.4 PK	68.2	-1.8	1.96 V	92	63.5	2.9
4	*5500.00	109.3 PK			1.96 V	92	106.4	2.9
5	*5500.00	99.8 AV			1.96 V	92	96.9	2.9
6	11000.00	54.5 PK	74.0	-19.5	2.49 V	235	41.3	13.2
7	11000.00	43.0 AV	54.0	-11.0	2.49 V	235	29.8	13.2
8	#16500.00	51.6 PK	68.2	-16.6	2.23 V	231	36.6	15.0

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 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	106.7 PK			2.09 H	184	103.5	3.2
2	*5580.00	97.3 AV			2.09 H	184	94.1	3.2
3	11160.00	49.9 PK	74.0	-24.1	1.64 H	94	36.8	13.1
4	11160.00	38.1 AV	54.0	-15.9	1.64 H	94	25.0	13.1
5	#16740.00	52.2 PK	68.2	-16.0	3.04 H	99	35.8	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	*5580.00	113.0 PK			1.99 V	87	109.8	3.2
2	*5580.00	104.3 AV			1.99 V	87	101.1	3.2
3	11160.00	56.6 PK	74.0	-17.4	2.44 V	225	43.5	13.1
4	11160.00	44.8 AV	54.0	-9.2	2.44 V	225	31.7	13.1
5	#16740.00	52.4 PK	68.2	-15.8	2.30 V	219	36.0	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.

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	104.2 PK			2.10 H	194	100.8	3.4
2	*5700.00	94.8 AV			2.10 H	194	91.4	3.4
3	#5725.00	60.5 PK	68.2	-7.7	2.10 H	194	57.2	3.3
4	11400.00	49.9 PK	74.0	-24.1	1.64 H	105	36.4	13.5
5	11400.00	38.1 AV	54.0	-15.9	1.64 H	105	24.6	13.5
6	#17100.00	51.9 PK	68.2	-16.3	2.96 H	105	35.8	16.1
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	*5700.00	110.9 PK			1.98 V	88	107.5	3.4
2	*5700.00	101.4 AV			1.98 V	88	98.0	3.4
3	#5725.00	66.5 PK	68.2	-1.7	1.96 V	86	63.2	3.3
4	11400.00	54.6 PK	74.0	-19.4	2.56 V	207	41.1	13.5
5	11400.00	42.6 AV	54.0	-11.4	2.56 V	207	29.1	13.5
6	#17100.00	52.0 PK	68.2	-16.2	2.28 V	214	35.9	16.1

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	106.9 PK			2.17 H	173	103.6	3.3
2	*5720.00	97.3 AV			2.17 H	173	94.0	3.3
3	#5850.00	51.4 PK	68.2	-16.8	2.17 H	173	47.8	3.6
4	11440.00	50.2 PK	74.0	-23.8	1.61 H	113	36.8	13.4
5	11440.00	38.1 AV	54.0	-15.9	1.61 H	113	24.7	13.4
6	#17160.00	51.4 PK	68.2	-16.8	2.95 H	102	35.1	16.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	112.1 PK			2.07 V	85	108.8	3.3
2	*5720.00	103.4 AV			2.07 V	85	100.1	3.3
3	#5850.00	57.4 PK	68.2	-10.8	2.11 V	110	53.8	3.6
4	11440.00	54.6 PK	74.0	-19.4	1.81 V	249	41.2	13.4
5	11440.00	42.8 AV	54.0	-11.2	1.81 V	249	29.4	13.4
6	#17160.00	51.3 PK	68.2	-16.9	2.28 V	224	35.0	16.3

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5601.54	53.0 PK	68.2	-15.2	2.25 H	42	49.7	3.3
2	*5745.00	102.1 PK			2.19 H	184	98.8	3.3
3	*5745.00	92.5 AV			2.19 H	184	89.2	3.3
4	#5981.09	54.2 PK	68.2	-14.0	2.25 H	42	50.5	3.7
5	11490.00	50.5 PK	74.0	-23.5	1.69 H	118	37.1	13.4
6	11490.00	38.7 AV	54.0	-15.3	1.69 H	118	25.3	13.4
7	#17235.00	51.1 PK	68.2	-17.1	3.02 H	99	34.4	16.7
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	#5592.23	53.1 PK	68.2	-15.1	1.97 V	264	49.9	3.2
2	*5745.00	108.8 PK			1.97 V	264	105.5	3.3
3	*5745.00	100.4 AV			1.97 V	264	97.1	3.3
4	#5994.81	54.7 PK	68.2	-13.5	1.97 V	264	51.0	3.7
5	11490.00	55.8 PK	74.0	-18.2	2.70 V	272	42.4	13.4
6	11490.00	42.5 AV	54.0	-11.5	2.70 V	272	29.1	13.4
7	#17235.00	51.8 PK	68.2	-16.4	2.22 V	200	35.1	16.7

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5605.69	53.5 PK	68.2	-14.7	2.24 H	37	50.2	3.3
2	*5785.00	102.0 PK			2.10 H	181	98.7	3.3
3	*5785.00	92.4 AV			2.10 H	181	89.1	3.3
4	#5953.58	55.6 PK	68.2	-12.6	2.24 H	37	52.1	3.5
5	11570.00	50.7 PK	74.0	-23.3	1.66 H	122	37.3	13.4
6	11570.00	38.8 AV	54.0	-15.2	1.66 H	122	25.4	13.4
7	#17355.00	51.0 PK	68.2	-17.2	2.99 H	96	33.7	17.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5595.67	53.7 PK	68.2	-14.5	1.96 V	261	50.5	3.2
2	*5785.00	108.5 PK			1.96 V	261	105.2	3.3
3	*5785.00	100.1 AV			1.96 V	261	96.8	3.3
4	#5938.53	54.2 PK	68.2	-14.0	1.96 V	261	50.6	3.6
5	11570.00	55.7 PK	74.0	-18.3	2.75 V	254	42.3	13.4
6	11570.00	42.4 AV	54.0	-11.6	2.75 V	254	29.0	13.4
7	#17355.00	52.0 PK	68.2	-16.2	2.24 V	210	34.7	17.3

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5596.69	53.0 PK	68.2	-15.2	2.23 H	40	49.8	3.2
2	*5825.00	101.7 PK			2.13 H	195	98.2	3.5
3	*5825.00	92.5 AV			2.13 H	195	89.0	3.5
4	#5975.69	54.3 PK	68.2	-13.9	2.23 H	40	50.7	3.6
5	11650.00	50.3 PK	74.0	-23.7	1.67 H	109	37.0	13.3
6	11650.00	38.2 AV	54.0	-15.8	1.67 H	109	24.9	13.3
7	#17475.00	52.1 PK	68.2	-16.1	2.94 H	102	33.9	18.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5623.08	54.8 PK	68.2	-13.4	1.95 V	263	51.5	3.3
2	*5825.00	108.4 PK			1.95 V	263	104.9	3.5
3	*5825.00	100.0 AV			1.95 V	263	96.5	3.5
4	#5975.79	54.7 PK	68.2	-13.5	1.95 V	263	51.1	3.6
5	11650.00	55.6 PK	74.0	-18.4	2.74 V	262	42.3	13.3
6	11650.00	42.5 AV	54.0	-11.5	2.74 V	262	29.2	13.3
7	#17475.00	52.7 PK	68.2	-15.5	2.29 V	181	34.5	18.2

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	61.6 PK	74.0	-12.4	2.13 H	198	58.6	3.0
2	5150.00	46.3 AV	54.0	-7.7	2.13 H	198	43.3	3.0
3	*5190.00	100.8 PK			2.13 H	198	98.0	2.8
4	*5190.00	90.9 AV			2.13 H	198	88.1	2.8
5	#10380.00	50.2 PK	68.2	-18.0	1.69 H	98	37.8	12.4
6	15570.00	51.3 PK	74.0	-22.7	3.00 H	104	38.5	12.8
7	15570.00	39.7 AV	54.0	-14.3	3.00 H	104	26.9	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	5150.00	68.8 PK	74.0	-5.2	2.06 V	90	65.8	3.0
2	5150.00	52.0 AV	54.0	-2.0	2.06 V	90	49.0	3.0
3	*5190.00	106.8 PK			2.06 V	90	104.0	2.8
4	*5190.00	97.6 AV			2.06 V	90	94.8	2.8
5	#10380.00	50.5 PK	68.2	-17.7	2.37 V	244	38.1	12.4
6	15570.00	51.8 PK	74.0	-22.2	2.30 V	217	39.0	12.8
7	15570.00	39.9 AV	54.0	-14.1	2.30 V	217	27.1	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.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5230.00	101.7 PK			2.12 H	193	99.2	2.5
2	*5230.00	92.7 AV			2.12 H	193	90.2	2.5
3	5350.00	53.3 PK	74.0	-20.7	2.12 H	193	50.7	2.6
4	5350.00	38.1 AV	54.0	-15.9	2.12 H	193	35.5	2.6
5	#10460.00	50.2 PK	68.2	-18.0	1.68 H	115	37.3	12.9
6	15690.00	51.0 PK	74.0	-23.0	3.02 H	97	38.6	12.4
7	15690.00	39.4 AV	54.0	-14.6	3.02 H	97	27.0	12.4
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	*5230.00	108.3 PK			2.00 V	96	105.8	2.5
2	*5230.00	99.2 AV			2.00 V	96	96.7	2.5
3	5350.00	55.4 PK	74.0	-18.6	2.00 V	96	52.8	2.6
4	5350.00	42.5 AV	54.0	-11.5	2.00 V	96	39.9	2.6
5	#10460.00	51.0 PK	68.2	-17.2	2.35 V	224	38.1	12.9
6	15690.00	52.5 PK	74.0	-21.5	2.25 V	212	40.1	12.4
7	15690.00	40.1 AV	54.0	-13.9	2.25 V	212	27.7	12.4

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 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	52.7 PK	74.0	-21.3	2.12 H	172	49.7	3.0
2	5150.00	37.7 AV	54.0	-16.3	2.12 H	172	34.7	3.0
3	*5270.00	101.4 PK			2.12 H	172	99.0	2.4
4	*5270.00	92.6 AV			2.12 H	172	90.2	2.4
5	5350.00	54.6 PK	74.0	-19.4	2.12 H	172	52.0	2.6
6	5350.00	39.4 AV	54.0	-14.6	2.12 H	172	36.8	2.6
7	#10540.00	50.6 PK	68.2	-17.6	1.65 H	114	37.8	12.8
8	15810.00	51.9 PK	74.0	-22.1	2.96 H	101	39.5	12.4
9	15810.00	40.0 AV	54.0	-14.0	2.96 H	101	27.6	12.4
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	55.8 PK	74.0	-18.2	1.94 V	94	52.8	3.0
2	5150.00	42.8 AV	54.0	-11.2	1.94 V	94	39.8	3.0
3	*5270.00	108.1 PK			1.94 V	94	105.7	2.4
4	*5270.00	98.7 AV			1.94 V	94	96.3	2.4
5	5350.00	57.8 PK	74.0	-16.2	1.94 V	94	55.2	2.6
6	5350.00	45.0 AV	54.0	-9.0	1.94 V	94	42.4	2.6
7	#10540.00	50.8 PK	68.2	-17.4	2.28 V	231	38.0	12.8
8	15810.00	52.6 PK	74.0	-21.4	2.32 V	199	40.2	12.4
9	15810.00	40.4 AV	54.0	-13.6	2.32 V	199	28.0	12.4

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	100.4 PK			2.09 H	174	98.0	2.4
2	*5310.00	91.5 AV			2.09 H	174	89.1	2.4
3	5350.00	61.7 PK	74.0	-12.3	2.09 H	174	59.1	2.6
4	5350.00	46.1 AV	54.0	-7.9	2.09 H	174	43.5	2.6
5	10620.00	50.5 PK	74.0	-23.5	1.64 H	123	38.0	12.5
6	10620.00	38.7 AV	54.0	-15.3	1.64 H	123	26.2	12.5
7	15930.00	51.3 PK	74.0	-22.7	3.01 H	105	38.9	12.4
8	15930.00	39.6 AV	54.0	-14.4	3.01 H	105	27.2	12.4
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	*5310.00	107.2 PK			1.98 V	89	104.8	2.4
2	*5310.00	98.0 AV			1.98 V	89	95.6	2.4
3	5350.00	71.0 PK	74.0	-3.0	1.98 V	89	68.4	2.6
4	5350.00	52.4 AV	54.0	-1.6	1.98 V	89	49.8	2.6
5	10620.00	50.6 PK	74.0	-23.4	2.34 V	238	38.1	12.5
6	10620.00	39.1 AV	54.0	-14.9	2.34 V	238	26.6	12.5
7	15930.00	52.2 PK	74.0	-21.8	2.26 V	214	39.8	12.4
8	15930.00	40.1 AV	54.0	-13.9	2.26 V	214	27.7	12.4

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	59.7 PK	74.0	-14.3	2.15 H	181	56.8	2.9
2	5460.00	44.1 AV	54.0	-9.9	2.15 H	181	41.2	2.9
3	#5470.00	59.8 PK	68.2	-8.4	2.15 H	181	56.9	2.9
4	*5510.00	97.9 PK			2.15 H	181	95.0	2.9
5	*5510.00	88.3 AV			2.15 H	181	85.4	2.9
6	11020.00	50.8 PK	74.0	-23.2	1.65 H	97	37.6	13.2
7	11020.00	38.8 AV	54.0	-15.2	1.65 H	97	25.6	13.2
8	#16530.00	51.4 PK	68.2	-16.8	2.98 H	90	36.5	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	5460.00	65.2 PK	74.0	-8.8	2.04 V	89	62.3	2.9
2	5460.00	49.6 AV	54.0	-4.4	2.04 V	89	46.7	2.9
3	#5470.00	66.6 PK	68.2	-1.6	2.04 V	89	63.7	2.9
4	*5510.00	104.2 PK			2.04 V	89	101.3	2.9
5	*5510.00	94.7 AV			2.04 V	89	91.8	2.9
6	11020.00	50.4 PK	74.0	-23.6	2.37 V	246	37.2	13.2
7	11020.00	38.8 AV	54.0	-15.2	2.37 V	246	25.6	13.2
8	#16530.00	52.1 PK	68.2	-16.1	2.24 V	219	37.2	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	#5470.00	54.5 PK	68.2	-13.7	2.14 H	192	51.6	2.9
2	*5550.00	101.3 PK			2.14 H	192	98.3	3.0
3	*5550.00	92.3 AV			2.14 H	192	89.3	3.0
4	11100.00	50.8 PK	74.0	-23.2	1.69 H	98	37.8	13.0
5	11100.00	38.7 AV	54.0	-15.3	1.69 H	98	25.7	13.0
6	#16650.00	51.1 PK	68.2	-17.1	2.97 H	101	35.5	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	60.2 PK	68.2	-8.0	2.04 V	95	57.3	2.9
2	*5550.00	108.8 PK			2.04 V	95	105.8	3.0
3	*5550.00	99.0 AV			2.04 V	95	96.0	3.0
4	11100.00	51.2 PK	74.0	-22.8	2.38 V	233	38.2	13.0
5	11100.00	39.4 AV	54.0	-14.6	2.38 V	233	26.4	13.0
6	#16650.00	52.6 PK	68.2	-15.6	2.27 V	216	37.0	15.6

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	101.2 PK			2.12 H	178	97.9	3.3
2	*5670.00	92.2 AV			2.12 H	178	88.9	3.3
3	#5725.00	60.6 PK	68.2	-7.6	2.12 H	178	57.3	3.3
4	11340.00	50.8 PK	74.0	-23.2	1.68 H	94	37.3	13.5
5	11340.00	38.8 AV	54.0	-15.2	1.68 H	94	25.3	13.5
6	#17010.00	51.1 PK	68.2	-17.1	3.00 H	88	34.6	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	*5670.00	108.9 PK			2.02 V	88	105.6	3.3
2	*5670.00	99.1 AV			2.02 V	88	95.8	3.3
3	#5725.00	66.1 PK	68.2	-2.1	2.02 V	88	62.8	3.3
4	11340.00	50.6 PK	74.0	-23.4	2.30 V	228	37.1	13.5
5	11340.00	39.4 AV	54.0	-14.6	2.30 V	228	25.9	13.5
6	#17010.00	52.7 PK	68.2	-15.5	2.31 V	203	36.2	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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5710.00	101.5 PK			2.18 H	193	98.2	3.3
2	*5710.00	92.5 AV			2.18 H	193	89.2	3.3
3	#5850.00	51.6 PK	68.2	-16.6	2.18 H	193	48.0	3.6
4	11420.00	50.2 PK	74.0	-23.8	1.61 H	94	36.8	13.4
5	11420.00	38.6 AV	54.0	-15.4	1.61 H	94	25.2	13.4
6	#17130.00	51.4 PK	68.2	-16.8	3.03 H	106	35.1	16.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5710.00	109.2 PK			2.04 V	95	105.9	3.3
2	*5710.00	99.2 AV			2.04 V	95	95.9	3.3
3	#5850.00	57.2 PK	68.2	-11.0	2.04 V	95	53.6	3.6
4	11420.00	50.9 PK	74.0	-23.1	2.36 V	244	37.5	13.4
5	11420.00	39.2 AV	54.0	-14.8	2.36 V	244	25.8	13.4
6	#17130.00	52.0 PK	68.2	-16.2	2.28 V	229	35.7	16.3

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5609.90	53.6 PK	68.2	-14.6	2.28 H	40	50.3	3.3
2	*5755.00	102.8 PK			2.11 H	189	99.5	3.3
3	*5755.00	94.9 AV			2.11 H	189	91.6	3.3
4	#5929.05	54.0 PK	68.2	-14.2	2.28 H	40	50.4	3.6
5	11510.00	50.5 PK	74.0	-23.5	1.62 H	101	37.1	13.4
6	11510.00	38.7 AV	54.0	-15.3	1.62 H	101	25.3	13.4
7	#17265.00	51.7 PK	68.2	-16.5	3.01 H	88	34.9	16.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5621.13	54.0 PK	68.2	-14.2	1.96 V	263	50.7	3.3
2	*5755.00	104.0 PK			1.96 V	263	100.7	3.3
3	*5755.00	95.7 AV			1.96 V	263	92.4	3.3
4	#5937.36	53.8 PK	68.2	-14.4	1.96 V	263	50.2	3.6
5	11510.00	50.3 PK	74.0	-23.7	2.29 V	229	36.9	13.4
6	11510.00	38.6 AV	54.0	-15.4	2.29 V	229	25.2	13.4
7	#17265.00	52.6 PK	68.2	-15.6	2.29 V	208	35.8	16.8

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5603.96	54.0 PK	68.2	-14.2	2.26 H	39	50.7	3.3
2	*5795.00	102.6 PK			2.08 H	179	99.3	3.3
3	*5795.00	94.7 AV			2.08 H	179	91.4	3.3
4	#5964.51	55.0 PK	68.2	-13.2	2.26 H	39	51.5	3.5
5	11590.00	50.8 PK	74.0	-23.2	1.67 H	114	37.4	13.4
6	11590.00	38.8 AV	54.0	-15.2	1.67 H	114	25.4	13.4
7	#17385.00	51.5 PK	68.2	-16.7	3.03 H	96	34.0	17.5
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	#5581.59	53.9 PK	68.2	-14.3	1.97 V	264	51.7	2.2
2	*5795.00	103.7 PK			1.97 V	264	100.4	3.3
3	*5795.00	95.7 AV			1.97 V	264	92.4	3.3
4	#5931.31	56.6 PK	68.2	-11.6	1.97 V	264	53.3	3.3
5	11590.00	50.9 PK	74.0	-23.1	2.33 V	231	37.5	13.4
6	11590.00	39.2 AV	54.0	-14.8	2.33 V	231	25.8	13.4
7	#17385.00	52.7 PK	68.2	-15.5	2.25 V	226	35.2	17.5

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	62.0 PK	74.0	-12.0	2.17 H	181	59.0	3.0
2	5150.00	46.5 AV	54.0	-7.5	2.17 H	181	43.5	3.0
3	*5210.00	96.5 PK			2.17 H	181	93.8	2.7
4	*5210.00	86.3 AV			2.17 H	181	83.6	2.7
5	5350.00	53.5 PK	74.0	-20.5	2.17 H	181	50.9	2.6
6	5350.00	38.1 AV	54.0	-15.9	2.17 H	181	35.5	2.6
7	#10420.00	49.9 PK	68.2	-18.3	1.70 H	114	37.3	12.6
8	15630.00	51.9 PK	74.0	-22.1	2.96 H	100	39.2	12.7
9	15630.00	39.7 AV	54.0	-14.3	2.96 H	100	27.0	12.7
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	5150.00	68.9 PK	74.0	-5.1	2.06 V	90	65.9	3.0
2	5150.00	52.3 AV	54.0	-1.7	2.06 V	90	49.3	3.0
3	*5210.00	103.3 PK			2.06 V	90	100.6	2.7
4	*5210.00	93.2 AV			2.06 V	90	90.5	2.7
5	5350.00	55.2 PK	74.0	-18.8	2.06 V	90	52.6	2.6
6	5350.00	43.2 AV	54.0	-10.8	2.06 V	90	40.6	2.6
7	#10420.00	50.6 PK	68.2	-17.6	2.36 V	225	38.0	12.6
8	15630.00	52.5 PK	74.0	-21.5	2.30 V	223	39.8	12.7
9	15630.00	40.4 AV	54.0	-13.6	2.30 V	223	27.7	12.7

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5290.00	95.7 PK			2.17 H	193	93.3	2.4
2	*5290.00	85.6 AV			2.17 H	193	83.2	2.4
3	5350.00	61.8 PK	74.0	-12.2	2.17 H	193	59.2	2.6
4	5350.00	46.2 AV	54.0	-7.8	2.17 H	193	43.6	2.6
5	#10580.00	50.8 PK	68.2	-17.4	1.62 H	115	38.2	12.6
6	15870.00	51.9 PK	74.0	-22.1	2.94 H	97	39.5	12.4
7	15870.00	39.7 AV	54.0	-14.3	2.94 H	97	27.3	12.4
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	*5290.00	102.1 PK			2.07 V	90	99.7	2.4
2	*5290.00	92.2 AV			2.07 V	90	89.8	2.4
3	5350.00	67.8 PK	74.0	-6.2	2.07 V	90	65.2	2.6
4	5350.00	52.4 AV	54.0	-1.6	2.07 V	90	49.8	2.6
5	#10580.00	50.9 PK	68.2	-17.3	2.31 V	229	38.3	12.6
6	15870.00	52.3 PK	74.0	-21.7	2.26 V	220	39.9	12.4
7	15870.00	40.2 AV	54.0	-13.8	2.26 V	220	27.8	12.4

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	59.6 PK	74.0	-14.4	2.12 H	177	56.7	2.9
2	5460.00	44.8 AV	54.0	-9.2	2.12 H	177	41.9	2.9
3	#5470.00	60.2 PK	68.2	-8.0	2.12 H	177	57.3	2.9
4	*5530.00	94.8 PK			2.12 H	177	91.8	3.0
5	*5530.00	84.6 AV			2.12 H	177	81.6	3.0
6	11060.00	49.8 PK	74.0	-24.2	1.68 H	109	36.6	13.2
7	11060.00	38.2 AV	54.0	-15.8	1.68 H	109	25.0	13.2
8	#16590.00	52.1 PK	68.2	-16.1	2.95 H	82	37.0	15.1
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	5460.00	65.7 PK	74.0	-8.3	2.06 V	86	62.8	2.9
2	5460.00	50.0 AV	54.0	-4.0	2.06 V	86	47.1	2.9
3	#5470.00	66.5 PK	68.2	-1.7	2.06 V	86	63.6	2.9
4	*5530.00	101.5 PK			2.06 V	86	98.5	3.0
5	*5530.00	91.1 AV			2.06 V	86	88.1	3.0
6	11060.00	51.0 PK	74.0	-23.0	2.31 V	252	37.8	13.2
7	11060.00	39.6 AV	54.0	-14.4	2.31 V	252	26.4	13.2
8	#16590.00	52.5 PK	68.2	-15.7	2.22 V	214	37.4	15.1

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 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	99.8 PK			2.13 H	196	96.5	3.3
2	*5610.00	89.8 AV			2.13 H	196	86.5	3.3
3	#5725.00	60.2 PK	68.2	-8.0	2.13 H	196	56.9	3.3
4	11220.00	50.0 PK	74.0	-24.0	1.63 H	118	36.8	13.2
5	11220.00	38.0 AV	54.0	-16.0	1.63 H	118	24.8	13.2
6	#16830.00	51.9 PK	68.2	-16.3	3.01 H	101	35.3	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	*5610.00	106.6 PK			1.96 V	91	103.3	3.3
2	*5610.00	96.0 AV			1.96 V	91	92.7	3.3
3	#5725.00	66.6 PK	68.2	-1.6	1.96 V	91	63.3	3.3
4	11220.00	50.2 PK	74.0	-23.8	2.36 V	233	37.0	13.2
5	11220.00	38.8 AV	54.0	-15.2	2.36 V	233	25.6	13.2
6	#16830.00	52.5 PK	68.2	-15.7	2.29 V	211	35.9	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 138	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5690.00	98.9 PK			2.08 H	175	95.6	3.3
2	*5690.00	88.8 AV			2.08 H	175	85.5	3.3
3	#5850.00	51.4 PK	68.2	-16.8	2.08 H	175	47.8	3.6
4	11380.00	50.6 PK	74.0	-23.4	1.68 H	108	37.1	13.5
5	11380.00	38.6 AV	54.0	-15.4	1.68 H	108	25.1	13.5
6	#17070.00	51.7 PK	68.2	-16.5	3.00 H	108	35.5	16.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5690.00	105.6 PK			2.00 V	96	102.3	3.3
2	*5690.00	95.3 AV			2.00 V	96	92.0	3.3
3	#5850.00	57.5 PK	68.2	-10.7	2.05 V	92	53.9	3.6
4	11380.00	50.1 PK	74.0	-23.9	2.40 V	231	36.6	13.5
5	11380.00	38.7 AV	54.0	-15.3	2.40 V	231	25.2	13.5
6	#17070.00	52.3 PK	68.2	-15.9	2.21 V	229	36.1	16.2

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5642.51	54.0 PK	68.2	-14.2	2.23 H	38	50.8	3.2
2	*5775.00	94.8 PK			2.15 H	170	91.4	3.4
3	*5775.00	86.5 AV			2.15 H	170	83.1	3.4
4	#5934.75	54.2 PK	68.2	-14.0	2.23 H	38	50.6	3.6
5	11550.00	49.9 PK	74.0	-24.1	1.70 H	119	36.6	13.3
6	11550.00	38.2 AV	54.0	-15.8	1.70 H	119	24.9	13.3
7	#17325.00	51.4 PK	68.2	-16.8	2.94 H	109	34.3	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	#5649.25	57.6 PK	68.2	-10.6	1.96 V	263	54.4	3.2
2	*5775.00	101.2 PK			1.96 V	263	97.8	3.4
3	*5775.00	93.0 AV			1.96 V	263	89.6	3.4
4	#5929.60	57.3 PK	68.2	-10.9	1.96 V	263	53.7	3.6
5	11550.00	51.0 PK	74.0	-23.0	2.36 V	252	37.7	13.3
6	11550.00	39.3 AV	54.0	-14.7	2.36 V	252	26.0	13.3
7	#17325.00	52.7 PK	68.2	-15.5	2.25 V	212	35.6	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.

4.2 Conducted Emission Measurement

4.2.1 Limits of Conducted Emission Measurement

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

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

4.2.2 Test Instruments

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver R&S	ESCS 30	847124/029	Nov. 01, 2017	Oct. 31, 2018
Line-Impedance Stabilization Network (for EUT) R&S	ESH3-Z5	848773/004	Nov. 15, 2017	Nov. 14, 2018
Line-Impedance Stabilization Network (for Peripheral) R&S	ENV216	100072	June 04, 2018	June 03, 2019
50 ohms Terminator	N/A	EMC-04	Nov. 01, 2017	Oct. 31, 2018
RF Cable	5D-FB	COCCAB-001	Sep. 28, 2018	Sep. 27, 2019
Fixed attenuator EMCI	STI02-2200-10	003	Mar. 16, 2018	Mar. 15, 2019
Software BVADT	BVADT_Cond_ V7.3.7.4	NA	NA	NA

Note:
1. The calibration interval of the above test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in Conduction 1.
3 Tested Date: Oct. 13, 2018

4.2.3 Test Procedure

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

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

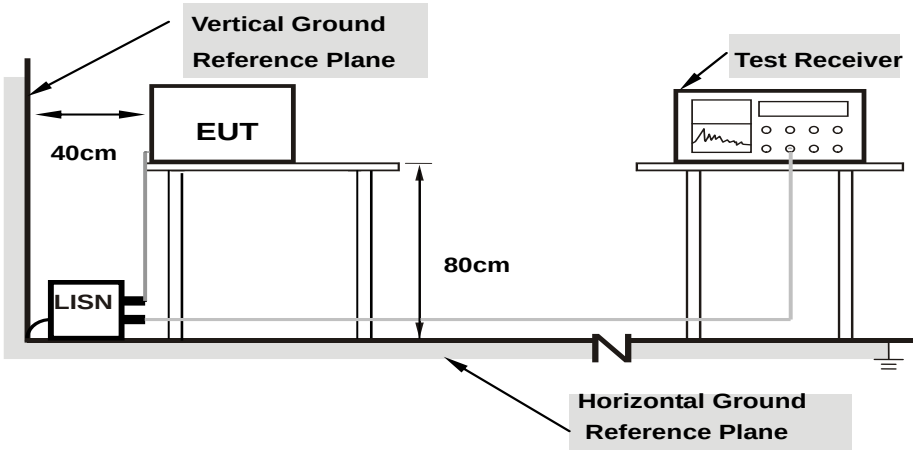
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

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

4.2.4 Deviation from Test Standard

No deviation.

4.2.5 Test Setup



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

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

4.2.6 EUT Operating Condition

Same as 4.1.6.

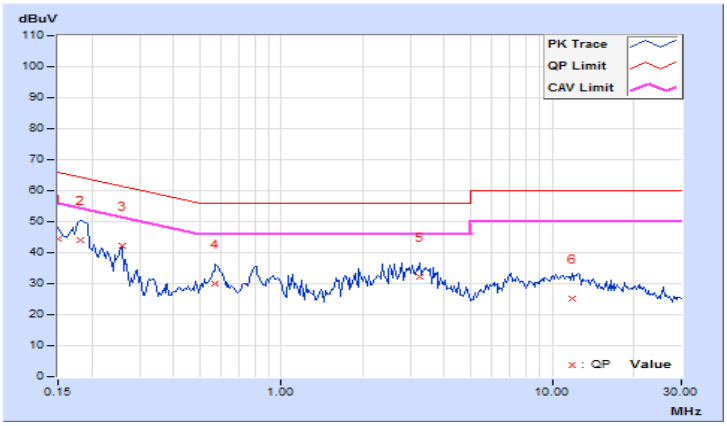
4.2.7 Test Results

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

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	10.03	34.28	18.92	44.31	28.95	66.00	56.00	-21.69	-27.05
2	0.18125	10.05	33.93	15.00	43.98	25.05	64.43	54.43	-20.45	-29.38
3	0.25938	10.07	32.17	16.79	42.24	26.86	61.45	51.45	-19.21	-24.59
4	0.57188	10.12	19.87	12.48	29.99	22.60	56.00	46.00	-26.01	-23.40
5	3.26172	10.24	22.01	12.21	32.25	22.45	56.00	46.00	-23.75	-23.55
6	11.79297	10.64	14.58	8.72	25.22	19.36	60.00	50.00	-34.78	-30.64

REMARKS:

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

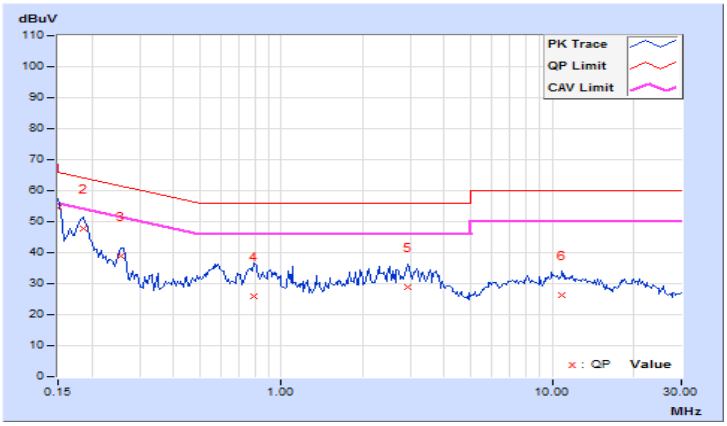


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	**0.15000**	**9.94**	**44.34**	**28.50**	**54.28**	**38.44**	**66.00**	**56.00**	**-11.72**	**-17.56**
2	0.18516	9.96	37.75	21.47	47.71	31.43	64.25	54.25	-16.54	-22.82
3	0.25547	9.97	29.08	20.61	39.05	30.58	61.58	51.58	-22.53	-21.00
4	0.79063	10.02	15.77	10.03	25.79	20.05	56.00	46.00	-30.21	-25.95
5	2.92578	10.10	18.68	12.97	28.78	23.07	56.00	46.00	-27.22	-22.93
6	10.91016	10.44	15.92	10.66	26.36	21.10	60.00	50.00	-33.64	-28.90

REMARKS:

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



4.3 Transmit Power Measurment

4.3.1 Limits of Transmit Power Measurement

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

*B is the 26 dB emission bandwidth in megahertz

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

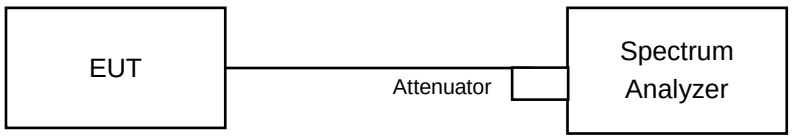
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};
Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less for 20-MHz channel widths with $N_{ANT} \geq 5$.

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

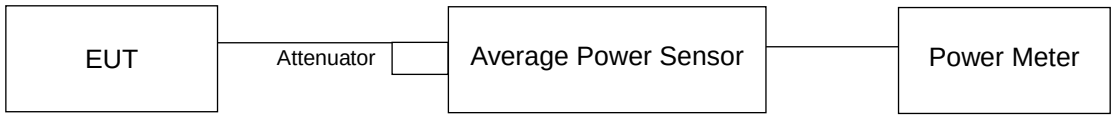
4.3.2 Test Setup

FOR POWER OUTPUT MEASUREMENT

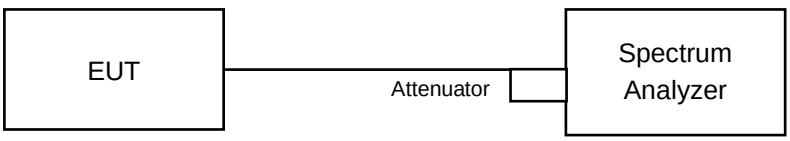
For channel straddling 5725MHz:



For other channels:



FOR 26dB OCCUPIED BANDWIDTH



4.3.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.3.4 Test Procedure

For Average Power Measurement

For channel straddling 5725MHz:

Follow FCC KDB 789033 UNII test procedure:

Method SA-1

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

Other Modulation mode

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

FOR 26dB OCCUPIED BANDWIDTH

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

4.3.5 Deviation from Test Standard

No deviation.

4.3.6 EUT Operating Condition

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

4.3.7 Test Result

2TX Mode

CDD Mode

802.11a

Power Output:

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	18.81	18.75	151.022	21.79	24.00	Pass
40	5200	18.80	18.79	151.541	21.81	24.00	Pass
48	5240	18.83	18.80	152.242	21.83	24.00	Pass
52	5260	18.79	18.81	151.716	21.81	24.00	Pass
60	5300	18.54	18.57	143.395	21.57	24.00	Pass
64	5320	18.66	18.71	147.753	21.70	24.00	Pass
100	5500	17.86	17.73	120.387	20.81	24.00	Pass
120	5600	18.82	18.76	151.37	21.80	24.00	Pass
140	5700	17.70	17.72	118.04	20.72	24.00	Pass
*144 (UNII-2C Band)	5720	17.07	17.10	102.219	20.10	23.48	Pass
*144 (UNII-3 Band)	5720	10.07	10.17	20.561	13.13	30.00	Pass
149	5745	21.82	21.89	306.58	24.87	30.00	Pass
157	5785	21.88	21.86	307.632	24.88	30.00	Pass
165	5825	21.86	21.83	305.867	24.86	30.00	Pass

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

The Average Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
144	5720	122.78	20.89
Note: The total power was calculated through formula and record the value for reference only.			

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	26.16	23.83
60	5300	26.11	23.74
64	5320	25.51	23.73
100	5500	24.03	21.46
116	5580	26.09	24.74
140	5700	24.04	21.90
144 (UNII-2C Band)	5720	17.96	17.72

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	23.83	24.77 > 24
60	5300	23.74	24.75 > 24
64	5320	23.73	24.75 > 24
100	5500	21.46	24.31 > 24
116	5580	24.74	24.93 > 24
140	5700	21.90	24.4 > 24
144 (UNII-2C Band)	5720	17.72	23.48 < 24

802.11ac (VHT20)

Power Output:

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	18.84	18.81	152.593	21.84	24.00	Pass
40	5200	18.86	18.83	153.297	21.86	24.00	Pass
48	5240	18.85	18.84	153.296	21.86	24.00	Pass
52	5260	18.83	18.82	152.592	21.84	24.00	Pass
60	5300	18.01	18.04	126.921	21.04	24.00	Pass
64	5320	18.79	18.77	151.019	21.79	24.00	Pass
100	5500	16.67	16.71	93.333	19.70	24.00	Pass
116	5580	18.81	18.76	151.195	21.80	24.00	Pass
140	5700	16.67	16.73	93.55	19.71	24.00	Pass
*144 (UNII-2C Band)	5720	16.69	17.25	99.754	19.99	23.07	Pass
*144 (UNII-3 Band)	5720	10.18	10.80	22.446	13.51	30.00	Pass
149	5745	21.85	21.90	307.991	24.89	30.00	Pass
157	5785	21.82	21.85	305.164	24.85	30.00	Pass
165	5825	21.85	21.79	304.117	24.83	30.00	Pass

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

The Average Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
144	5720	122.2	20.87
Note: The total power was calculated through formula and record the value for reference only.			

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	23.57	23.29
60	5300	22.02	23.26
64	5320	23.59	22.24
100	5500	21.88	22.04
116	5580	22.13	24.83
140	5700	21.98	21.84
144 (UNII-2C Band)	5720	16.13	16.14

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	23.29	24.67 > 24
60	5300	22.02	24.42 > 24
64	5320	22.24	24.47 > 24
100	5500	21.88	24.4 > 24
116	5580	22.13	24.44 > 24
140	5700	21.84	24.39 > 24
144 (UNII-2C Band)	5720	16.13	23.07 < 24

802.11ac (VHT40)

Power Output:

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	16.58	16.52	90.374	19.56	24.00	Pass
46	5230	20.12	20.03	203.495	23.09	24.00	Pass
54	5270	20.19	20.11	207.037	23.16	24.00	Pass
62	5310	16.11	16.13	81.852	19.13	24.00	Pass
102	5510	15.01	15.06	63.759	18.05	24.00	Pass
110	5550	20.34	20.37	217.036	23.37	24.00	Pass
134	5670	18.96	18.91	156.509	21.95	24.00	Pass
*142 (UNII-2C Band)	5710	19.24	19.55	174.103	22.41	24.00	Pass
*142 (UNII-3 Band)	5710	7.52	7.77	11.633	10.66	30.00	Pass
151	5755	20.34	20.33	216.038	23.35	30.00	Pass
159	5795	20.27	20.21	211.368	23.25	30.00	Pass

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

The Average Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
142	5710	185.736	22.69
Note: The total power was calculated through formula and record the value for reference only.			

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
54	5270	72.91	69.67
62	5310	42.76	42.83
102	5510	42.73	42.83
110	5550	71.27	70.29
134	5670	59.09	56.98
142 (UNII-2C Band)	5710	49.33	51.16

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	69.67	29.43 > 24
62	5310	42.76	27.31 > 24
102	5510	42.73	27.3 > 24
110	5550	70.29	29.46 > 24
134	5670	56.98	28.55 > 24
142 (UNII-2C Band)	5710	49.33	27.93 > 24

802.11ac (VHT80)

Power Output:

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	15.31	15.24	67.383	18.29	24.00	Pass
58	5290	14.96	14.93	62.45	17.96	24.00	Pass
106	5530	14.04	14.21	51.714	17.14	24.00	Pass
122	5610	18.21	18.31	133.986	21.27	24.00	Pass
*138 (UNII-2C Band)	5690	19.70	19.29	178.243	22.51	24.00	Pass
*138 (UNII-3 Band)	5690	3.15	2.73	3.94	5.95	30.00	Pass
155	5775	17.37	17.41	109.657	20.40	30.00	Pass

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

The Average Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
138	5690	182.183	22.61
Note: The total power was calculated through formula and record the value for reference only.			

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
58	5290	82.12	82.09
106	5530	82.10	82.04
122	5610	126.75	114.36
138 (UNII-2C Band)	5690	115.00	113.75

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	82.09	30.14 > 24
106	5530	82.04	30.14 > 24
122	5610	114.36	31.58 > 24
138 (UNII-2C Band)	5690	113.75	31.55 > 24

Beamforming Mode

802.11ac (VHT20)

Power Output:

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	18.84	18.81	152.593	21.84	21.99	Pass
40	5200	18.86	18.83	153.297	21.86	21.99	Pass
48	5240	18.85	18.84	153.296	21.86	21.99	Pass
52	5260	18.83	18.82	152.592	21.84	21.99	Pass
60	5300	18.01	18.04	126.921	21.04	21.99	Pass
64	5320	18.79	18.77	151.019	21.79	21.99	Pass
100	5500	16.67	16.71	93.333	19.70	21.99	Pass
116	5580	18.81	18.76	151.195	21.80	21.99	Pass
140	5700	16.67	16.73	93.55	19.71	21.99	Pass
*144 (UNII-2C Band)	5720	16.69	17.25	99.754	19.99	21.06	Pass
*144 (UNII-3 Band)	5720	10.18	10.80	22.446	13.51	27.99	Pass
149	5745	21.85	21.90	307.991	24.89	27.99	Pass
157	5785	21.82	21.85	305.164	24.85	27.99	Pass
165	5825	21.85	21.79	304.117	24.83	27.99	Pass

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

1. For UNII-1: Directional gain = 5dBi + 10log(2) =8.01dB > 6dBi , so the power limit shall be reduced to 24-(8.01-6) = 21.99dBm.
2. For UNII-2A~2C: Directional gain = 5dBi + 10log(2) =8.01dB > 6dBi , so the power limit shall be reduced to “Determined Conducted Limit”-(8.01-6).
3. For UNII-3: Directional gain = 5dBi + 10log(2) =8.01dB > 6dBi , so the power limit shall be reduced to 30-(8.01-6) = 27.99dBm.

The Average Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
144	5720	122.2	20.87
Note: The total power was calculated through formula and record the value for reference only.			

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	23.57	23.29
60	5300	22.02	23.26
64	5320	23.59	22.24
100	5500	21.88	22.04
116	5580	22.13	24.83
140	5700	21.98	21.84
144 (UNII-2C Band)	5720	16.13	16.14

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	23.29	24.67 > 24
60	5300	22.02	24.42 > 24
64	5320	22.24	24.47 > 24
100	5500	21.88	24.4 > 24
116	5580	22.13	24.44 > 24
140	5700	21.84	24.39 > 24
144 (UNII-2C Band)	5720	16.13	23.07 < 24

802.11ac (VHT40)

Power Output:

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	16.58	16.52	90.374	19.56	21.99	Pass
46	5230	18.85	18.79	152.419	21.83	21.99	Pass
54	5270	18.83	18.71	150.686	21.78	21.99	Pass
62	5310	16.11	16.13	81.852	19.13	21.99	Pass
102	5510	15.01	15.06	63.759	18.05	21.99	Pass
110	5550	18.91	18.85	154.54	21.89	21.99	Pass
134	5670	18.96	18.91	156.509	21.95	21.99	Pass
*142 (UNII-2C Band)	5710	17.85	17.90	122.614	20.89	21.99	Pass
*142 (UNII-3 Band)	5710	6.03	5.97	7.963	9.01	27.99	Pass
151	5755	20.34	20.33	216.038	23.35	27.99	Pass
159	5795	20.27	20.21	211.368	23.25	27.99	Pass

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

1. For UNII-1: Directional gain = 5dBi + 10log(2) =8.01dB > 6dBi , so the power limit shall be reduced to 24-(8.01-6) = 21.99dBm.
2. For UNII-2A~2C: Directional gain = 5dBi + 10log(2) =8.01dB > 6dBi , so the power limit shall be reduced to “Determined Conducted Limit”-(8.01-6).
3. For UNII-3: Directional gain = 5dBi + 10log(2) =8.01dB > 6dBi , so the power limit shall be reduced to 30-(8.01-6) = 27.99dBm.

The Average Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
142	5710	130.577	21.16
Note: The total power was calculated through formula and record the value for reference only.			

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
54	5270	72.91	69.67
62	5310	42.76	42.83
102	5510	42.73	42.83
110	5550	71.27	70.29
134	5670	59.09	56.98
142 (UNII-2C Band)	5710	49.33	51.16

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	69.67	29.43 > 24
62	5310	42.76	27.31 > 24
102	5510	42.73	27.3 > 24
110	5550	70.29	29.46 > 24
134	5670	56.98	28.55 > 24
142 (UNII-2C Band)	5710	49.33	27.93 > 24

802.11ac (VHT80)

Power Output:

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	15.31	15.24	67.383	18.29	21.99	Pass
58	5290	14.96	14.93	62.45	17.96	21.99	Pass
106	5530	14.04	14.21	51.714	17.14	21.99	Pass
122	5610	18.21	18.31	133.986	21.27	21.99	Pass
*138 (UNII-2C Band)	5690	18.24	18.72	141.154	21.50	21.99	Pass
*138 (UNII-3 Band)	5690	1.11	1.81	2.808	4.48	27.99	Pass
155	5775	17.37	17.41	109.657	20.40	27.99	Pass

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

1. For UNII-1: Directional gain = 5dBi + 10log(2) =8.01dB > 6dBi , so the power limit shall be reduced to 24-(8.01-6) = 21.99dBm.
2. For UNII-2A~2C: Directional gain = 5dBi + 10log(2) =8.01dB > 6dBi , so the power limit shall be reduced to “Determined Conducted Limit”-(8.01-6).
3. For UNII-3: Directional gain = 5dBi + 10log(2) =8.01dB > 6dBi , so the power limit shall be reduced to 30-(8.01-6) = 27.99dBm.

The Average Power for the straddle channel:

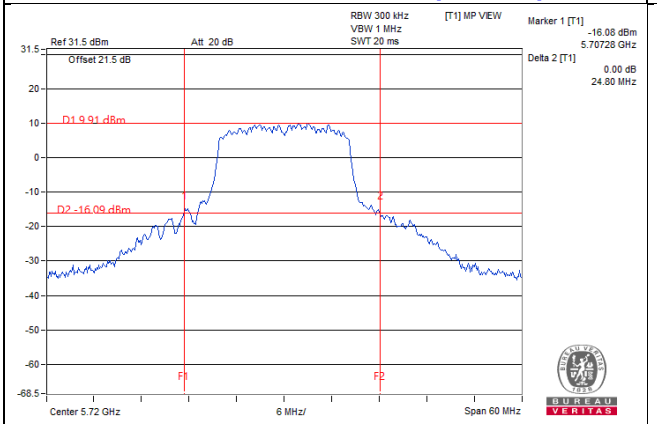
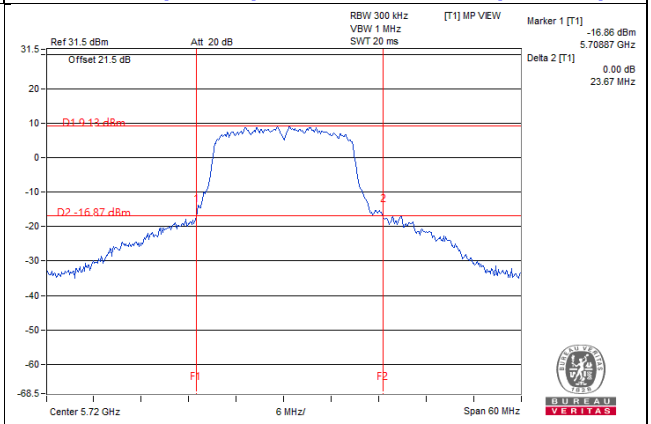
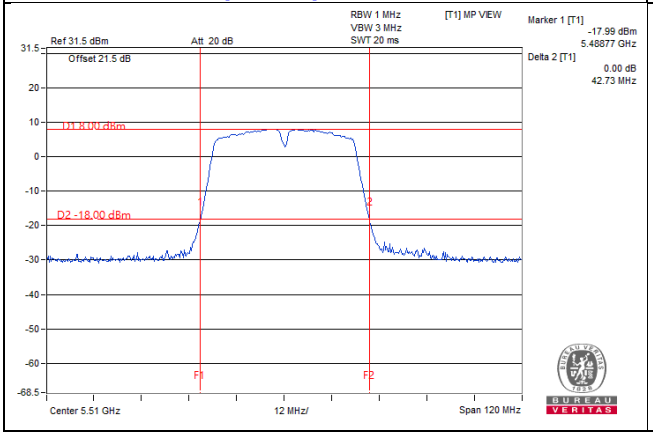
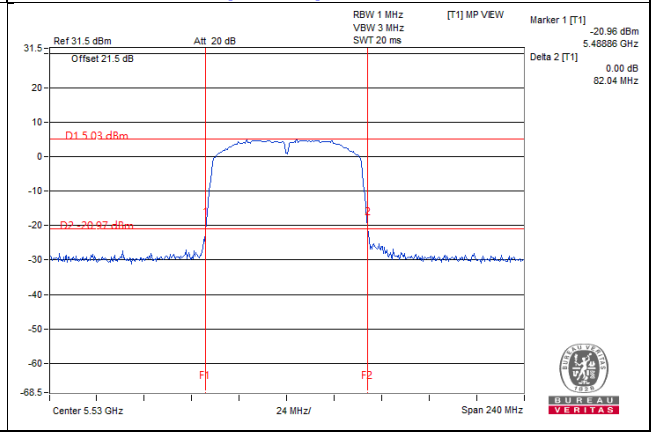
Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
138	5690	143.962	21.58
Note: The total power was calculated through formula and record the value for reference only.			

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
58	5290	82.12	82.09
106	5530	82.10	82.04
122	5610	126.75	114.36
138 (UNII-2C Band)	5690	115.00	113.75

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	82.09	30.14 > 24
106	5530	82.04	30.14 > 24
122	5610	114.36	31.58 > 24
138 (UNII-2C Band)	5690	113.75	31.55 > 24

Spectrum Plot of Worst Value	
802.11a / Chain 1 : CH144 (UNII-2C)	**802.11ac (VHT20) / Chain 0 : CH144 (UNII-2C)**
	
802.11ac (VHT40) / Chain 0 : CH102	**802.11ac (VHT80) / Chain 1 : CH106**
	

NOTE:

For CH144 (UNII-2C Band) = 5725MHz - Marker 1

1TX Mode

802.11a

Power Output:

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
36	5180	100.693	20.03	24.00	Pass
40	5200	151.705	21.81	24.00	Pass
48	5240	150.661	21.78	24.00	Pass
52	5260	153.109	21.85	24.00	Pass
60	5300	153.462	21.86	24.00	Pass
64	5320	110.154	20.42	24.00	Pass
100	5500	89.331	19.51	24.00	Pass
116	5580	155.239	21.91	24.00	Pass
140	5700	91.411	19.61	24.00	Pass
*144 (UNII-2C Band)	5720	94.624	19.76	24.00	Pass
*144 (UNII-3 Band)	5720	19.187	12.83	30.00	Pass
149	5745	154.525	21.89	30.00	Pass
157	5785	154.882	21.90	30.00	Pass
165	5825	152.055	21.82	30.00	Pass

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

The Average Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
144	5720	113.811	20.56
Note: The total power was calculated through formula and record the value for reference only.			

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)
52	5260	35.81
60	5300	35.81
64	5320	29.06
100	5500	26.24
116	5580	35.89
140	5700	26.69
144 (UNII-2C Band)	5720	21.82

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	35.81	26.54 > 24
60	5300	35.81	26.54 > 24
64	5320	29.06	25.63 > 24
100	5500	26.24	25.18 > 24
116	5580	35.89	26.54 > 24
140	5700	26.69	25.26 > 24
144 (UNII-2C Band)	5720	21.82	24.38 > 24

802.11ac (VHT20)

Power Output:

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
36	5180	99.083	19.96	24.00	Pass
40	5200	149.279	21.74	24.00	Pass
48	5240	149.968	21.76	24.00	Pass
52	5260	150.661	21.78	24.00	Pass
60	5300	151.008	21.79	24.00	Pass
64	5320	100.462	20.02	24.00	Pass
100	5500	85.31	19.31	24.00	Pass
116	5580	155.955	21.93	24.00	Pass
140	5700	84.333	19.26	24.00	Pass
*144 (UNII-2C Band)	5720	88.308	19.46	24.00	Pass
*144 (UNII-3 Band)	5720	19.815	12.97	30.00	Pass
149	5745	152.055	21.82	30.00	Pass
157	5785	153.462	21.86	30.00	Pass
165	5825	152.757	21.84	30.00	Pass

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

The Average Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
144	5720	108.123	20.34
Note: The total power was calculated through formula and record the value for reference only.			

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)
52	5260	43.39
60	5300	43.24
64	5320	28.75
100	5500	23.44
116	5580	43.57
140	5700	24.94
144 (UNII-2C Band)	5720	26.99

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	43.39	27.37 > 24
60	5300	43.24	27.35 > 24
64	5320	28.75	25.58 > 24
100	5500	23.44	24.69 > 24
116	5580	43.57	27.39 > 24
140	5700	24.94	24.96 > 24
144 (UNII-2C Band)	5720	26.99	25.31 > 24

802.11ac (VHT40)

Power Output:

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
38	5190	69.502	18.42	24.00	Pass
46	5230	110.154	20.42	24.00	Pass
54	5270	108.643	20.36	24.00	Pass
62	5310	59.429	17.74	24.00	Pass
102	5510	43.451	16.38	24.00	Pass
110	5550	108.393	20.35	24.00	Pass
134	5670	107.399	20.31	24.00	Pass
*142 (UNII-2C Band)	5710	79.983	19.03	24.00	Pass
*142 (UNII-3 Band)	5710	5.346	7.28	30.00	Pass
151	5755	108.393	20.35	30.00	Pass
159	5795	105.925	20.25	30.00	Pass

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

The Average Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
142	5710	85.329	19.31
Note: The total power was calculated through formula and record the value for reference only.			

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)
54	5270	68.08
62	5310	43.55
102	5510	42.81
110	5550	72.04
134	5670	69.57
142 (UNII-2C Band)	5710	48.78

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	68.08	29.33 > 24
62	5310	43.55	27.38 > 24
102	5510	42.81	27.31 > 24
110	5550	72.04	29.57 > 24
134	5670	69.57	29.42 > 24
142 (UNII-2C Band)	5710	48.78	27.88 > 24

802.11ac (VHT80)

Power Output:

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
42	5210	60.395	17.81	24.00	Pass
58	5290	50.234	17.01	24.00	Pass
106	5530	43.351	16.37	24.00	Pass
122	5610	97.949	19.91	24.00	Pass
*138 (UNII-2C Band)	5690	78.343	18.94	24.00	Pass
*138 (UNII-3 Band)	5690	1.687	2.27	30.00	Pass
155	5775	99.083	19.96	30.00	Pass

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

The Average Power for the straddle channel:

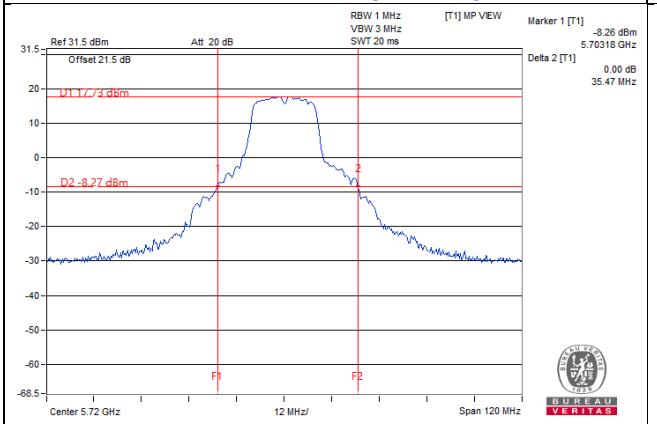
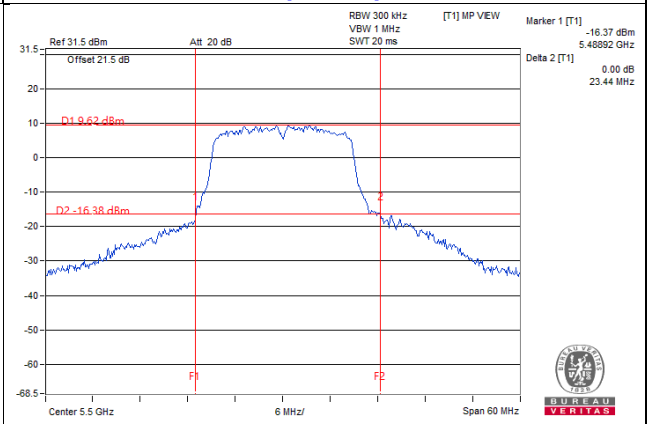
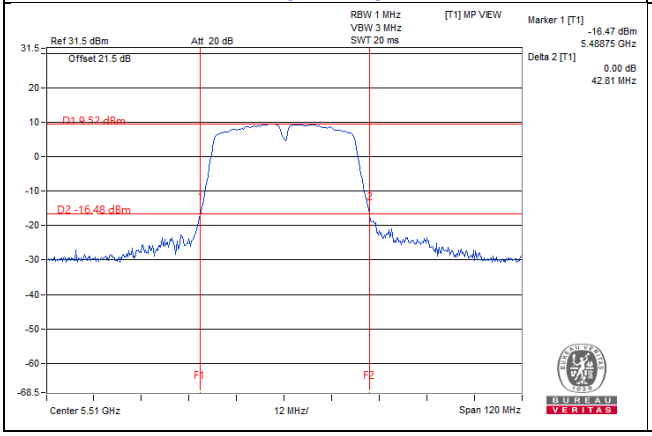
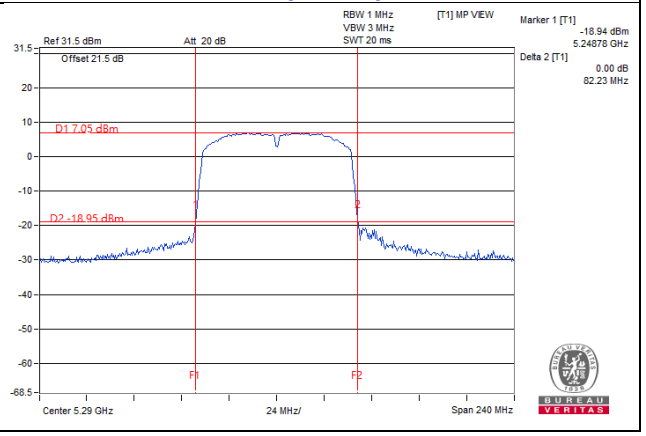
Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
138	5690	80.03	19.03
Note: The total power was calculated through formula and record the value for reference only.			

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)
58	5290	82.23
106	5530	82.23
122	5610	139.32
138 (UNII-2C Band)	5690	97.30

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	82.23	30.15 > 24
106	5530	82.23	30.15 > 24
122	5610	139.32	32.44 > 24
138 (UNII-2C Band)	5690	97.30	30.88 > 24

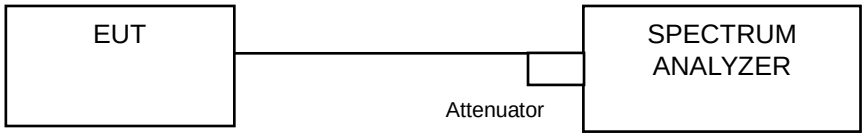
Spectrum Plot of Worst Value	
802.11a: CH144 (UNII-2C)	**802.11ac (VHT20): CH100**
	
802.11ac (VHT40): CH102	**802.11ac (VHT80): CH58**
	

NOTE:

For CH144 (UNII-2C Band) = 5725MHz - Marker 1

4.4 Occupied Bandwidth Measurement

4.4.1 Test Setup



4.4.2 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.4.3 Test Procedure

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with resolution bandwidth in the range of 1% to 5% of the anticipated emission bandwidth, and a video bandwidth at least 3x the resolution bandwidth and set the detector to SAMPLE. The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5 %of the total mean power of a given emission.

4.4.4 Test Results

2TX Mode

802.11a

Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	16.80	16.56
40	5200	16.80	16.56
48	5240	16.80	16.68
52	5260	16.80	16.56
60	5300	16.80	16.44
64	5320	16.80	16.56
100	5500	16.68	16.44
116	5580	16.80	16.68
140	5700	16.56	16.44
144 (UNII-2C Band)	5720	13.52	13.40
144 (UNII-3 Band)	5720	3.28	3.28
149	5745	22.20	20.40
157	5785	22.32	20.52
165	5825	21.36	20.28

802.11ac (VHT20)

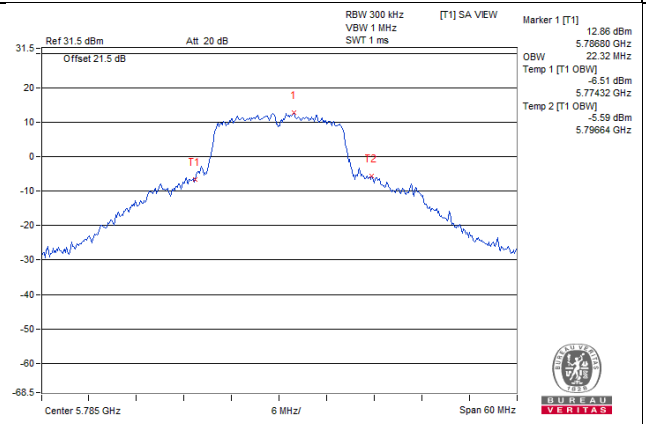
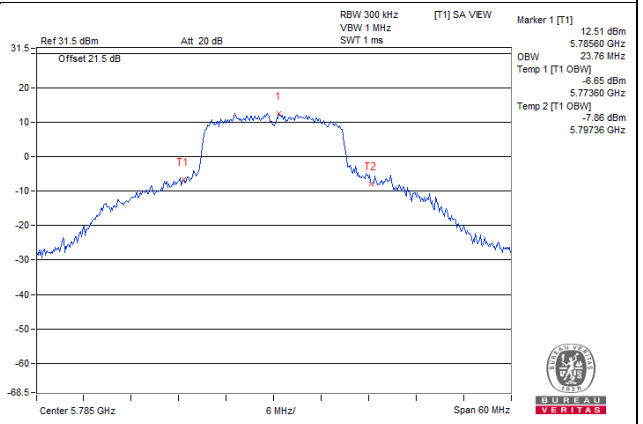
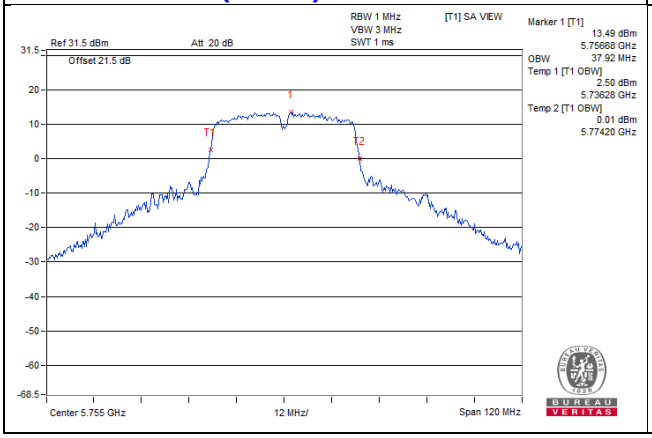
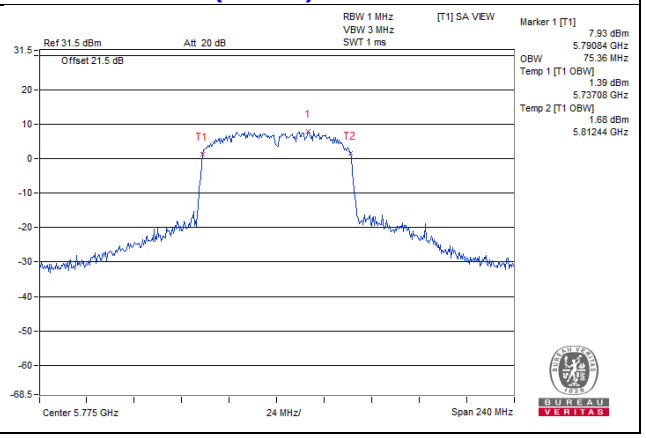
Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	17.76	17.88
40	5200	17.88	17.88
48	5240	17.76	17.76
52	5260	17.88	17.88
60	5300	17.76	17.76
64	5320	17.88	17.76
100	5500	17.76	17.76
116	5580	17.76	17.88
140	5700	17.64	17.64
144 (UNII-2C Band)	5720	14.00	14.00
144 (UNII-3 Band)	5720	3.88	3.88
149	5745	23.52	22.68
157	5785	23.28	23.76
165	5825	22.08	22.08

802.11ac (VHT40)

Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
38	5190	36.48	36.48
46	5230	36.72	36.96
54	5270	36.96	36.72
62	5310	36.24	36.48
102	5510	36.48	36.48
110	5550	37.20	37.44
134	5670	36.48	36.48
142 (UNII-2C Band)	5710	33.60	33.80
142 (UNII-3 Band)	5710	3.80	4.20
151	5755	37.92	37.68
159	5795	37.44	36.96

802.11ac (VHT80)

Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
42	5210	74.88	74.88
58	5290	74.88	74.88
106	5530	74.88	74.88
122	5610	75.36	75.36
138 (UNII-2C Band)	5690	72.92	72.92
138 (UNII-3 Band)	5690	3.40	2.92
155	5775	75.36	74.88

Spectrum Plot of Worst Value	
802.11a / Chain 0 : CH157	**802.11ac (VHT20) / Chain 1 : CH157**
	
802.11ac (VHT40) / Chain 0 : CH151	**802.11ac (VHT80) / Chain 0 : CH155**
	

1TX Mode

802.11a

Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	16.92
40	5200	18.72
48	5240	18.84
52	5260	18.36
60	5300	18.60
64	5320	16.92
100	5500	16.80
116	5580	18.36
140	5700	16.80
144 (UNII-2C Band)	5720	13.76
144 (UNII-3 Band)	5720	4.00
149	5745	19.32
157	5785	19.68
165	5825	19.32

802.11ac (VHT20)

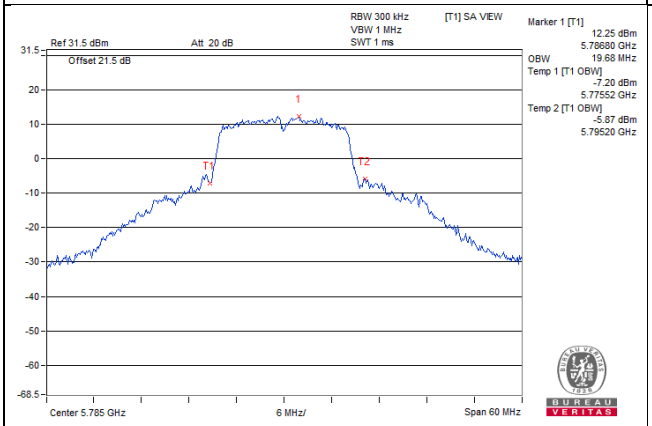
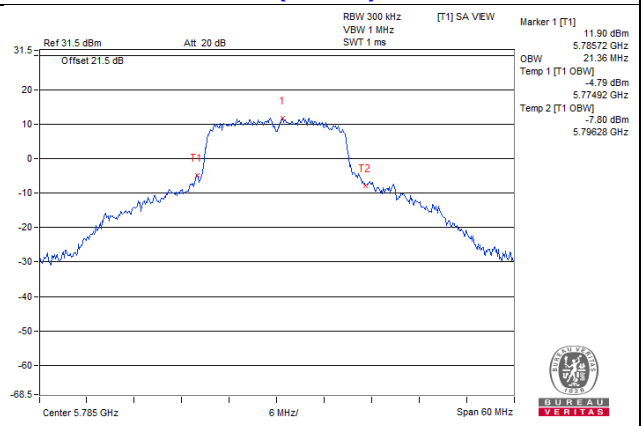
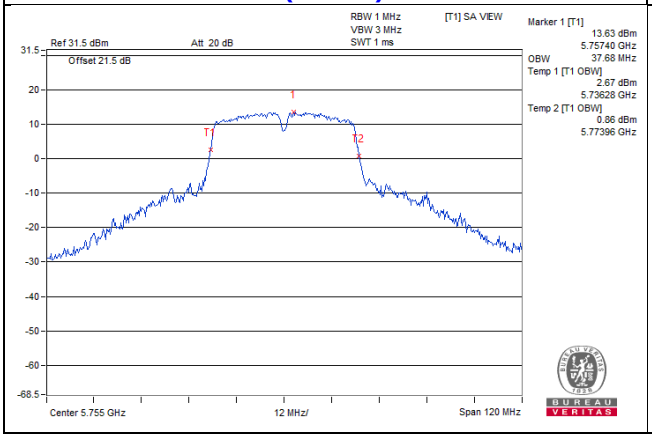
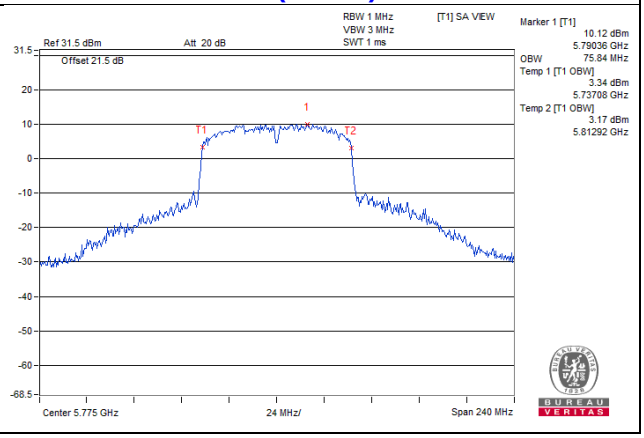
Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	17.88
40	5200	18.84
48	5240	18.72
52	5260	19.68
60	5300	19.68
64	5320	18.00
100	5500	17.88
116	5580	19.68
140	5700	17.88
144 (UNII-2C Band)	5720	14.24
144 (UNII-3 Band)	5720	4.84
149	5745	20.76
157	5785	21.36
165	5825	20.40

802.11ac (VHT40)

Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)
38	5190	36.48
46	5230	36.96
54	5270	36.96
62	5310	36.24
102	5510	36.48
110	5550	36.96
134	5670	36.96
142 (UNII-2C Band)	5710	33.40
142 (UNII-3 Band)	5710	3.60
151	5755	37.68
159	5795	36.96

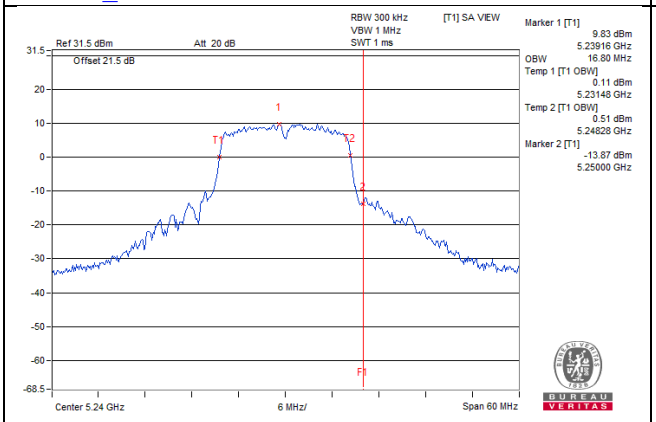
802.11ac (VHT80)

Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)
42	5210	74.88
58	5290	74.88
106	5530	74.88
122	5610	75.36
138 (UNII-2C Band)	5690	72.92
138 (UNII-3 Band)	5690	2.44
155	5775	75.84

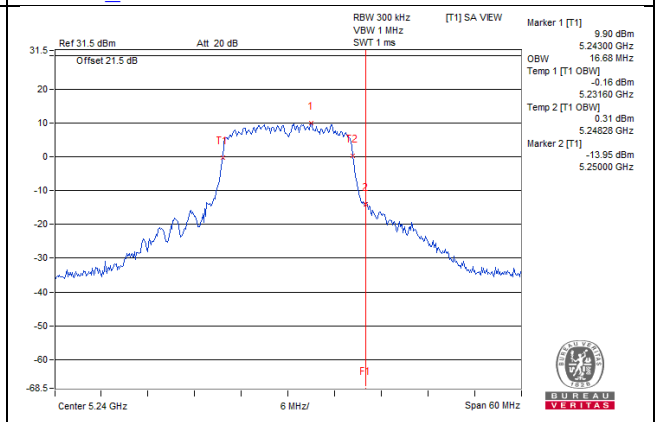
Spectrum Plot of Worst Value	
802.11a: CH157	**802.11ac (VHT20): CH157**
	
802.11ac (VHT40): CH151	**802.11ac (VHT80): CH155**
	

Spectrum Plot for near by DFS band
(DFS is required, if 99% OCP straddle into U-NII-2A band)

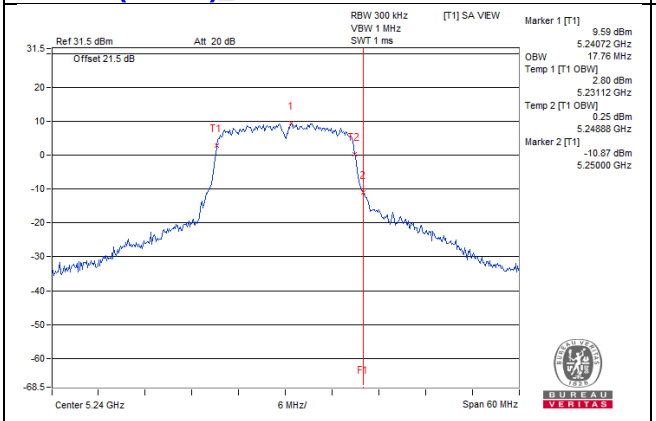
802.11a_Chain0 / CH48



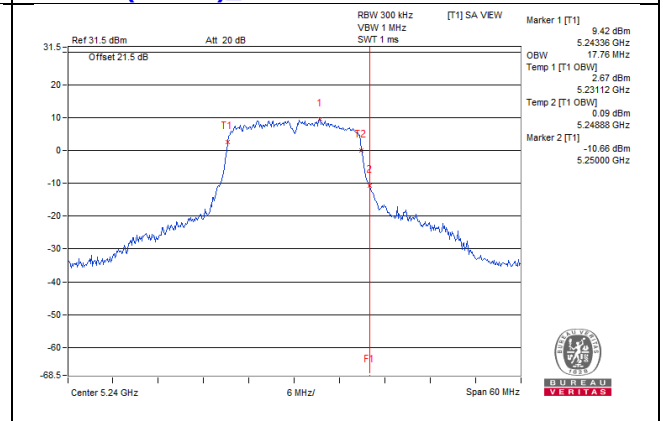
802.11a_Chain1 / CH48



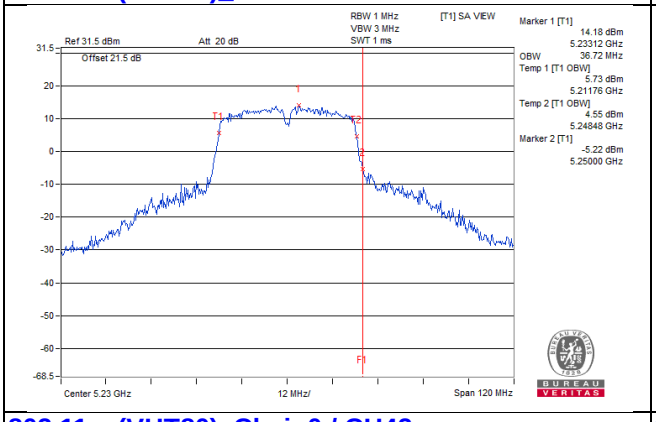
802.11ac(VHT20)_Chain0 / CH48



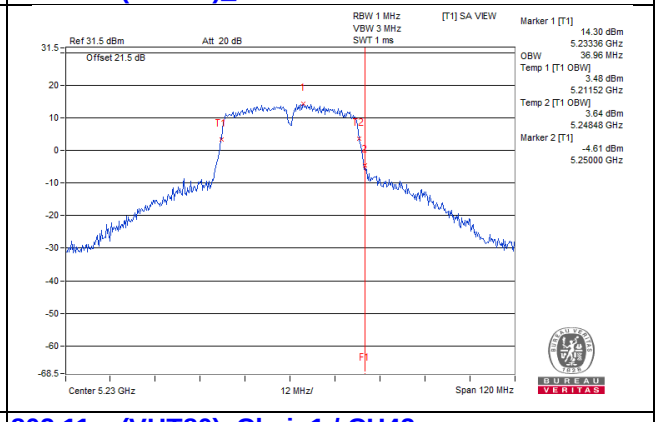
802.11ac(VHT20)_Chain1 / CH48



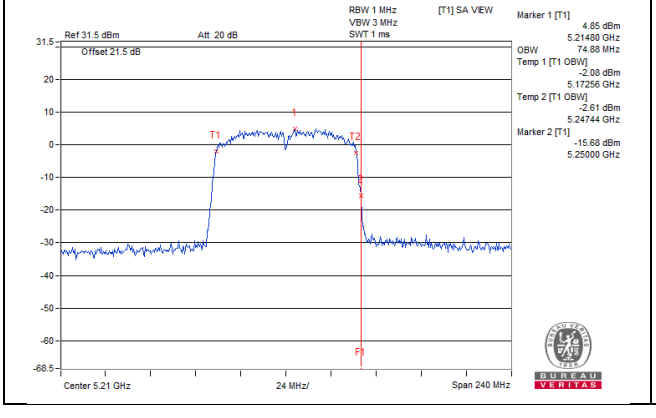
802.11ac(VHT40)_Chain0 / CH46



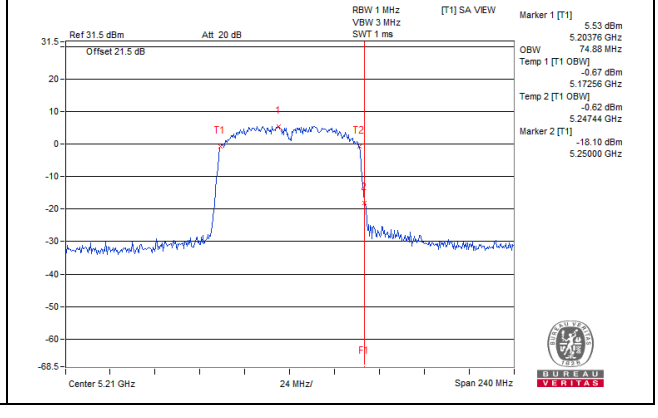
802.11ac(VHT40)_Chain1 / CH46



802.11ac(VHT80)_Chain0 / CH42

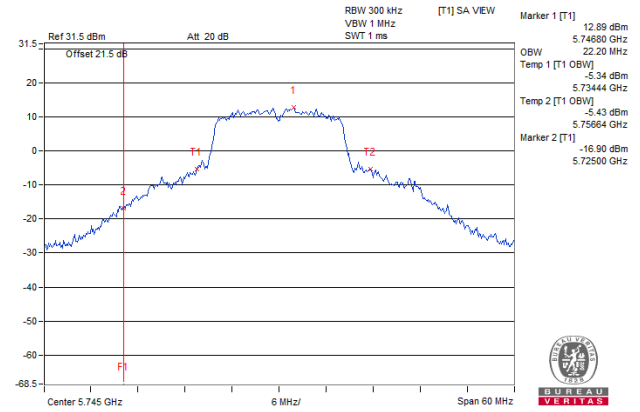


802.11ac(VHT80)_Chain1 / CH42

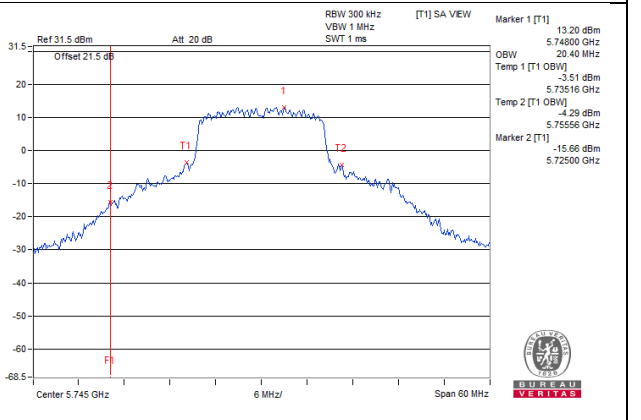


Spectrum Plot for near by DFS band
(DFS is required, if 99% OCP straddle into U-NII-2C band)

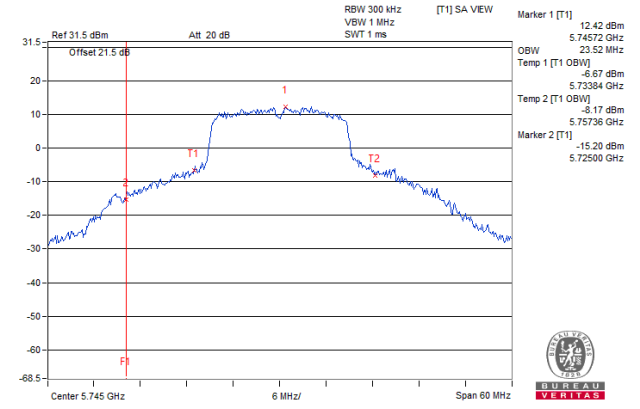
802.11a_Chain0 / CH149



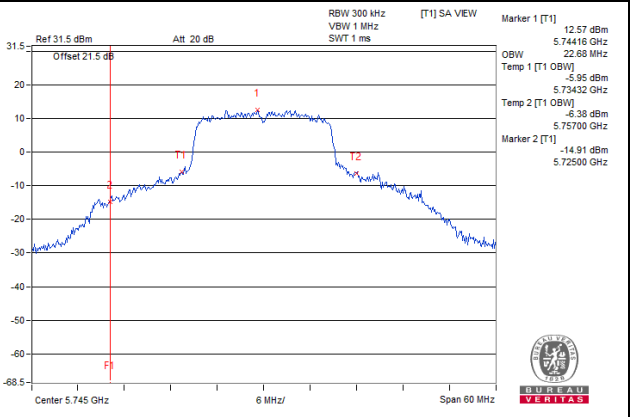
802.11a_Chain1 / CH149



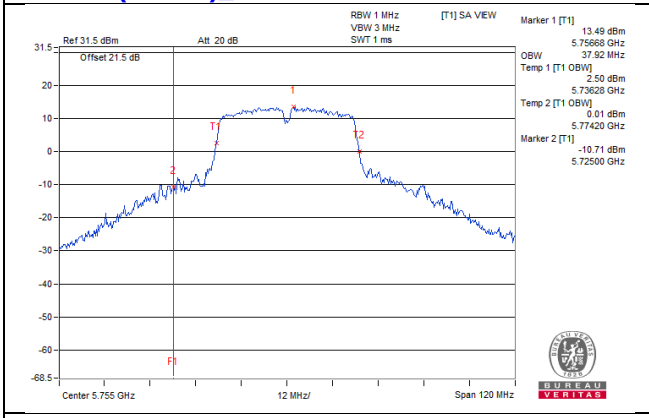
802.11ac(VHT20)_Chain0 / CH149



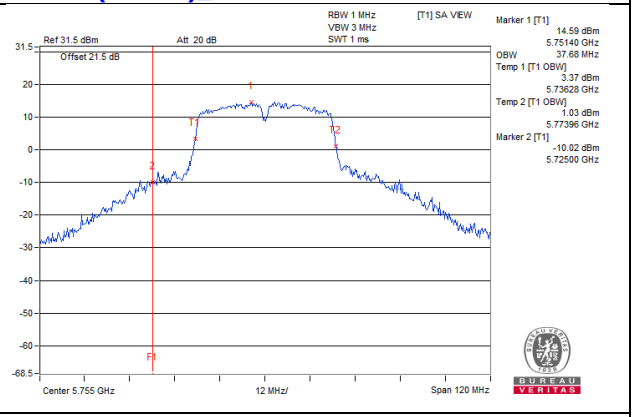
802.11ac(VHT20)_Chain1 / CH149



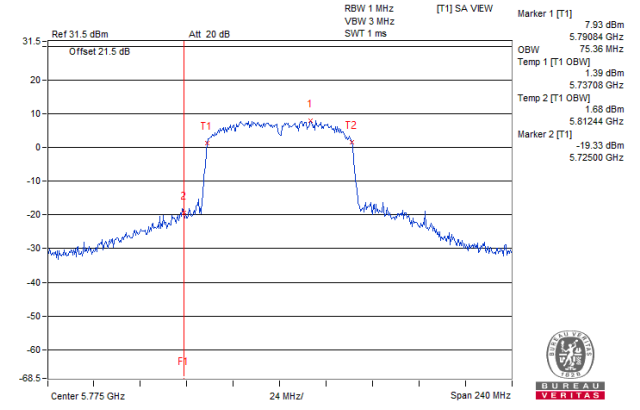
802.11ac(VHT40)_Chain0 / CH151



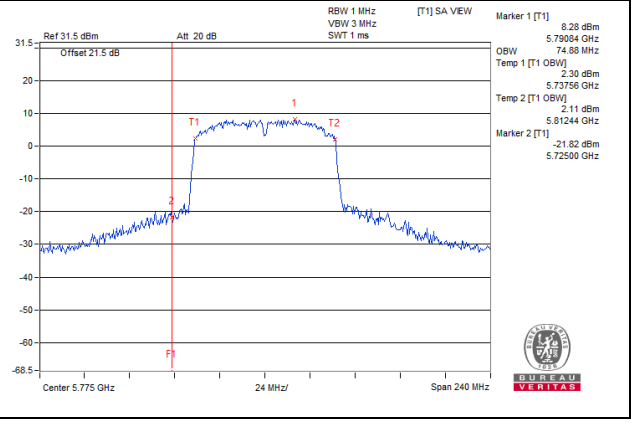
802.11ac(VHT40)_Chain1 / CH151



802.11ac(VHT80)_Chain0 / CH155



802.11ac(VHT80)_Chain1 / CH155

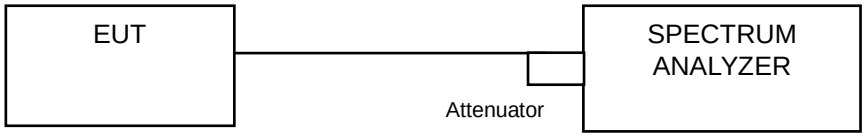


4.5 Peak Power Spectral Density Measurement

4.5.1 Limits of Peak Power Spectral Density Measurement

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

4.5.2 Test Setup



4.5.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.5.4 Test Procedure

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

Using method SA-1

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

For U-NII-3:

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

4.5.5 Deviation from Test Standard

No deviation.

4.5.6 EUT Operating Condition

Same as Item 4.3.6.

4.5.7 Test Results

2TX Mode

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

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1			
36	5180	6.01	5.85	8.94	8.99	Pass
40	5200	5.96	5.90	8.94	8.99	Pass
48	5240	6.05	5.88	8.98	8.99	Pass
52	5260	5.96	5.95	8.97	8.99	Pass
60	5300	6.01	5.31	8.68	8.99	Pass
64	5320	5.99	5.78	8.90	8.99	Pass
100	5500	4.72	4.89	7.82	8.99	Pass
116	5580	6.04	5.61	8.84	8.99	Pass
140	5700	4.50	4.76	7.64	8.99	Pass
144 (UNII-2C Band)	5720	6.03	5.78	8.92	8.99	Pass

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

2. Directional gain = 5dBi + 10log(2) =8.01dB > 6dBi , so the power density limit shall be reduced to 11-(8.01-6) = 8.99dBm.

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1			
36	5180	5.81	5.98	8.91	8.99	Pass
40	5200	5.77	5.90	8.85	8.99	Pass
48	5240	6.05	5.88	8.98	8.99	Pass
52	5260	5.49	5.91	8.72	8.99	Pass
60	5300	5.24	5.25	8.26	8.99	Pass
64	5320	5.67	5.92	8.81	8.99	Pass
100	5500	3.16	3.63	6.41	8.99	Pass
116	5580	5.97	5.91	8.95	8.99	Pass
140	5700	3.13	3.59	6.38	8.99	Pass
144 (UNII-2C Band)	5720	5.56	6.03	8.81	8.99	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 5dBi + 10log(2) =8.01dB > 6dBi , so the power density limit shall be reduced to 11-(8.01-6) = 8.99dBm.

802.11ac (VHT40)

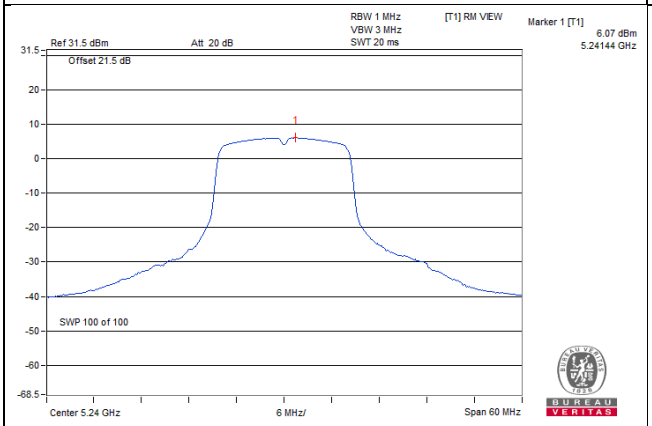
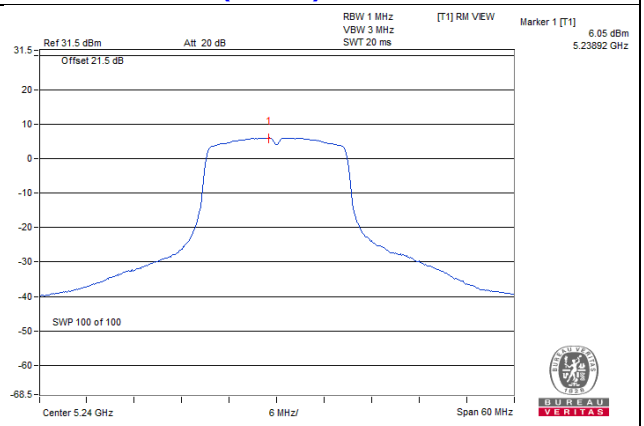
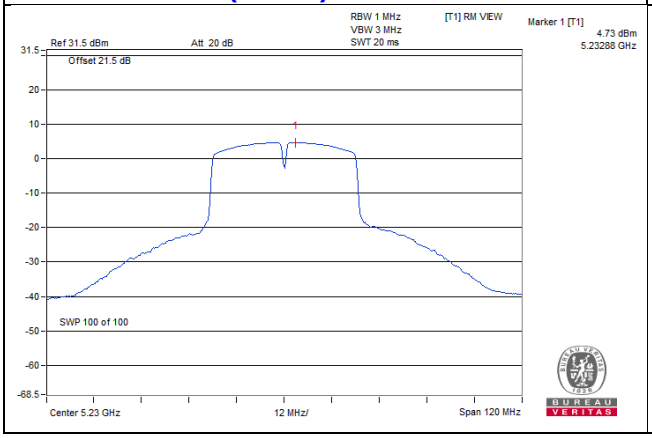
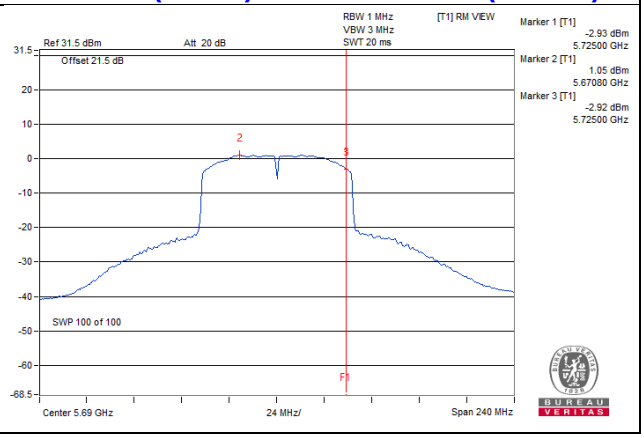
Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1			
38	5190	-0.29	0.27	3.01	8.99	Pass
46	5230	4.33	4.73	7.54	8.99	Pass
54	5270	4.31	4.70	7.52	8.99	Pass
62	5310	0.25	0.68	3.48	8.99	Pass
102	5510	-1.70	-1.11	1.62	8.99	Pass
110	5550	4.00	4.35	7.19	8.99	Pass
134	5670	2.38	2.71	5.56	8.99	Pass
142 (UNII-2C Band)	5710	4.19	4.57	7.39	8.99	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 5dBi + 10log(2) =8.01dB > 6dBi , so the power density limit shall be reduced to 11-(8.01-6) = 8.99dBm.

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1			
42	5210	-4.70	-3.63	-1.12	8.99	Pass
58	5290	-4.25	-3.91	-1.07	8.99	Pass
106	5530	-5.60	-4.79	-2.17	8.99	Pass
122	5610	-1.14	-0.53	2.19	8.99	Pass
138 (UNII-2C Band)	5690	1.05	0.49	3.79	8.99	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 5dBi + 10log(2) =8.01dB > 6dBi , so the power density limit shall be reduced to 11-(8.01-6) = 8.99dBm.

Spectrum Plot of Worst Value	
802.11a / Chain 0 : CH48	**802.11ac (VHT20) / Chain 0 : CH48**
	
802.11ac (VHT40) / Chain 1 : CH46	**802.11ac (VHT80) / Chain 0 : CH138 (UNII-2C)**
	

For U-NII-3:

802.11a

Chan.	Freq. (MHz)	PSD (dBm/300kHz)		Total PSD		Total PSD (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass /Fail
		Chain 0	Chain 1	mW/ 300kHz	dBm/ 300kHz			
144 (U-NII-3 Band)	5720	-3.35	-3.86	0.8735	-0.59	1.63	27.99	Pass
149	5745	0.61	0.71	2.3284	3.67	5.89	27.99	Pass
157	5785	0.58	0.67	2.3097	3.64	5.86	27.99	Pass
165	5825	0.40	0.69	2.2687	3.56	5.78	27.99	Pass

Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = 5dBi + 10log(2) =8.01dB > 6dBi , so the power density limit shall be reduced to 30-(8.01-6) = 27.99dBm.

802.11ac (VHT20)

Chan.	Freq. (MHz)	PSD (dBm/300kHz)		Total PSD		Total PSD (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass /Fail
		Chain 0	Chain 1	mW/ 300kHz	dBm/ 300kHz			
144 (U-NII-3 Band)	5720	-3.97	-3.32	0.8665	-0.62	1.60	27.99	Pass
149	5745	0.00	0.10	2.0233	3.06	5.28	27.99	Pass
157	5785	-0.09	0.47	2.0938	3.21	5.43	27.99	Pass
165	5825	-0.16	0.09	1.9848	2.98	5.20	27.99	Pass

Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = 5dBi + 10log(2) =8.01dB > 6dBi , so the power density limit shall be reduced to 30-(8.01-6) = 27.99dBm.

802.11ac (VHT40)

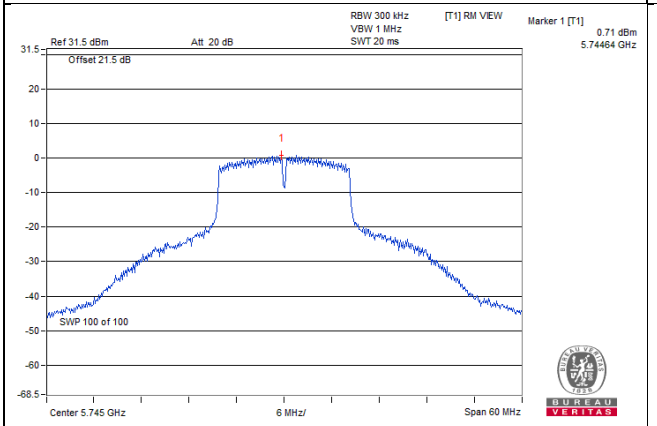
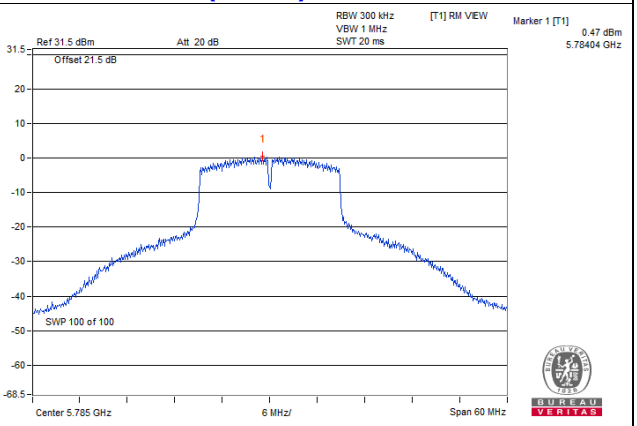
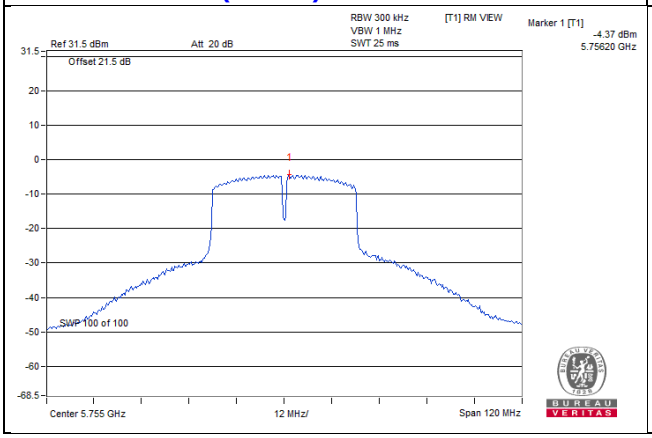
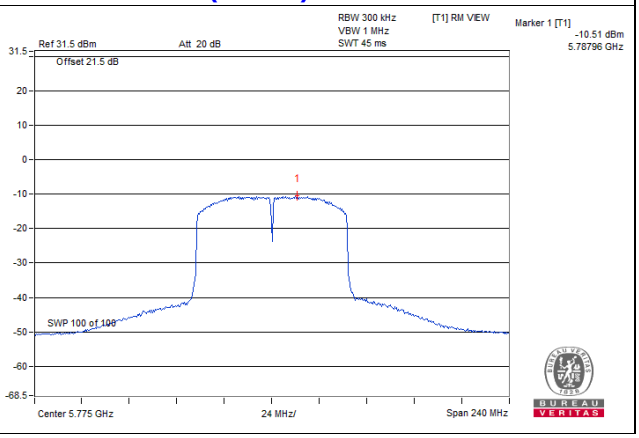
Chan.	Freq. (MHz)	PSD (dBm/300kHz)		Total PSD		Total PSD (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass /Fail
		Chain 0	Chain 1	mW/ 300kHz	dBm/ 300kHz			
142 (U-NII-3 Band)	5710	-6.72	-6.41	0.4414	-3.55	-1.33	27.99	Pass
151	5755	-5.14	-4.37	0.6718	-1.73	0.49	27.99	Pass
159	5795	-5.26	-4.71	0.6359	-1.97	0.25	27.99	Pass

Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = 5dBi + 10log(2) =8.01dB > 6dBi , so the power density limit shall be reduced to 30-(8.01-6) = 27.99dBm.

802.11ac (VHT80)

Chan.	Freq. (MHz)	PSD (dBm/300kHz)		Total PSD		Total PSD (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass /Fail
		Chain 0	Chain 1	mW/ 300kHz	dBm/ 300kHz			
138 (U-NII-3 Band)	5690	-11.99	-12.49	0.1196	-9.22	-7.00	27.99	Pass
155	5775	-10.79	-10.51	0.17229	-7.64	-5.42	27.99	Pass

Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = 5dBi + 10log(2) =8.01dB > 6dBi , so the power density limit shall be reduced to 30-(8.01-6) = 27.99dBm.

Spectrum Plot of Worst Value	
802.11a / Chain 1 : CH149	**802.11ac (VHT20) / Chain 1 : CH157**
	
802.11ac (VHT40) / Chain 1 : CH151	**802.11ac (VHT80) / Chain 1 : CH155**
	

1TX Mode

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

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
36	5180	7.86	11.00	Pass
40	5200	9.42	11.00	Pass
48	5240	9.34	11.00	Pass
52	5260	9.17	11.00	Pass
60	5300	9.28	11.00	Pass
64	5320	7.90	11.00	Pass
100	5500	6.30	11.00	Pass
120	5600	8.52	11.00	Pass
140	5700	6.22	11.00	Pass
144 (UNII-2C Band)	5720	8.45	11.00	Pass

802.11ac (VHT20)

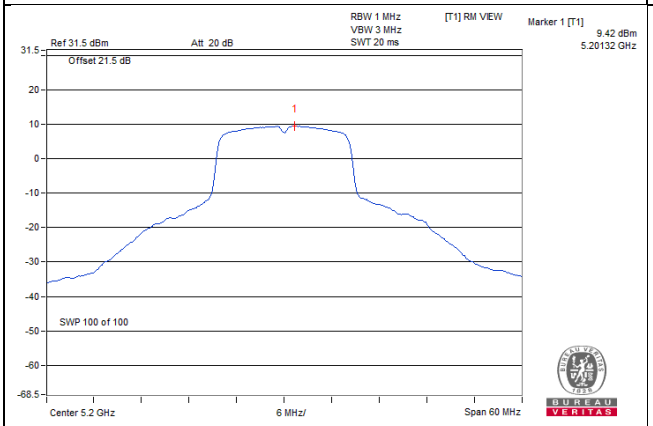
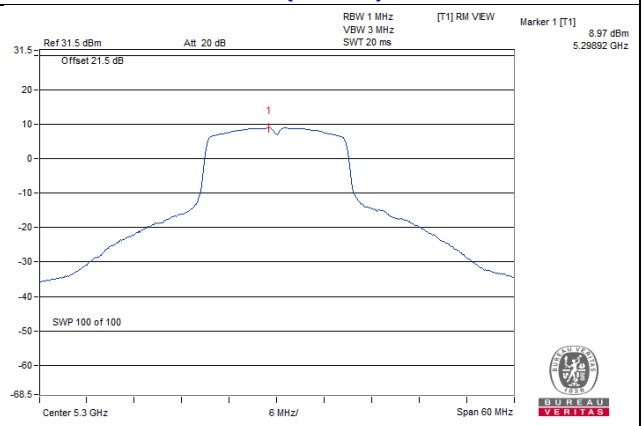
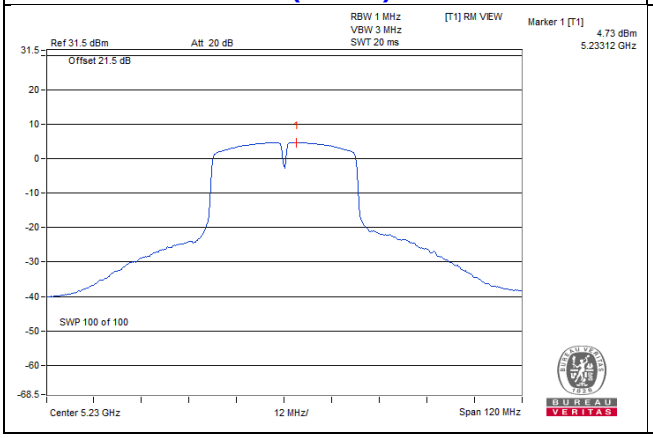
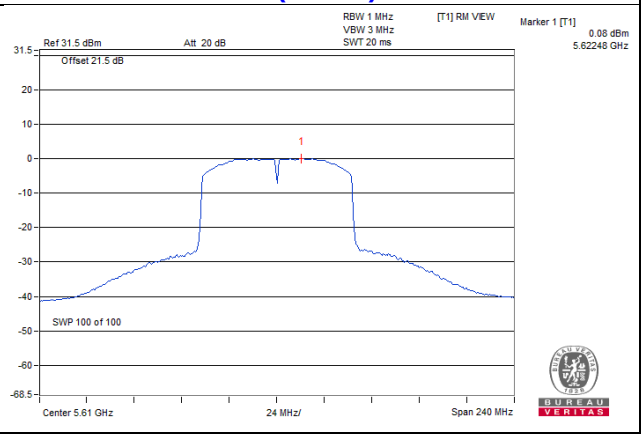
Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
36	5180	6.81	11.00	Pass
40	5200	8.63	11.00	Pass
48	5240	8.42	11.00	Pass
52	5260	8.86	11.00	Pass
60	5300	8.97	11.00	Pass
64	5320	7.42	11.00	Pass
100	5500	5.75	11.00	Pass
120	5600	8.14	11.00	Pass
140	5700	5.72	11.00	Pass
144 (UNII-2C Band)	5720	8.08	11.00	Pass

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
38	5190	1.84	11.00	Pass
46	5230	4.73	11.00	Pass
54	5270	4.69	11.00	Pass
62	5310	1.58	11.00	Pass
102	5510	-0.24	11.00	Pass
118	5590	3.89	11.00	Pass
134	5670	3.63	11.00	Pass
142 (UNII-2C Band)	5710	3.93	11.00	Pass

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
42	5210	-2.09	11.00	Pass
58	5290	-2.82	11.00	Pass
106	5530	-3.50	11.00	Pass
122	5610	0.08	11.00	Pass
138 (UNII-2C Band)	5690	0.07	11.00	Pass

Spectrum Plot of Worst Value	
802.11a: CH40	**802.11ac (VHT20): CH60**
	
802.11ac (VHT40): CH46	**802.11ac (VHT80): CH122**
	

For U-NII-3:

802.11a

Chan.	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass /Fail
144 (U-NII-3 Band)	5720	-1.48	0.74	30.00	Pass
149	5745	0.26	2.48	30.00	Pass
157	5785	0.09	2.31	30.00	Pass
165	5825	0.08	2.30	30.00	Pass

802.11ac (VHT20)

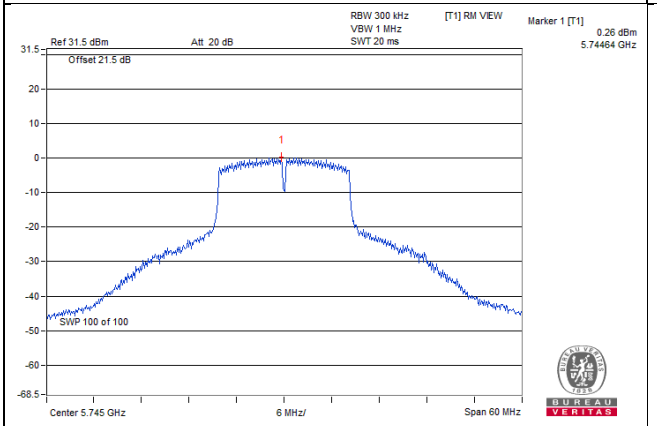
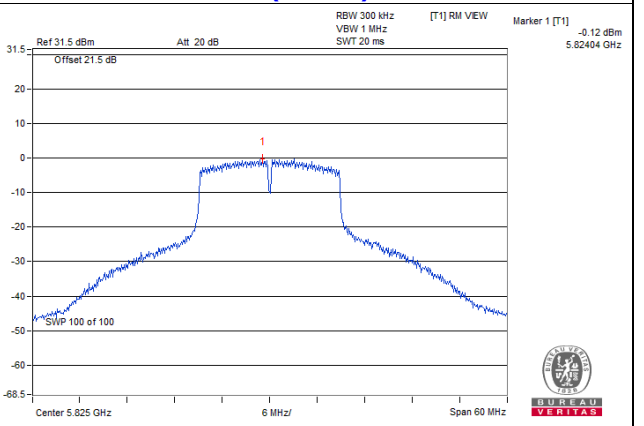
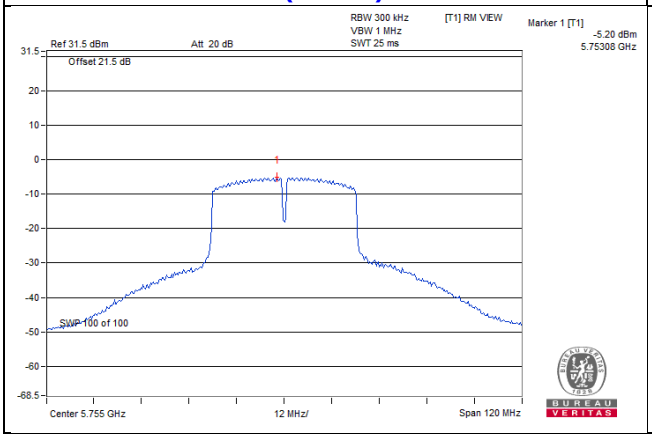
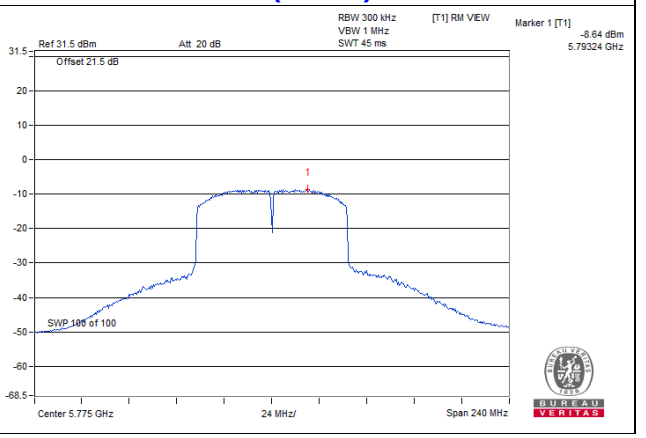
Chan.	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass /Fail
144 (U-NII-3 Band)	5720	-1.23	0.99	30.00	Pass
149	5745	-0.20	2.02	30.00	Pass
157	5785	-0.23	1.99	30.00	Pass
165	5825	-0.12	2.10	30.00	Pass

802.11ac (VHT40)

Chan.	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass /Fail
142 (U-NII-3 Band)	5710	-7.00	-4.78	30.00	Pass
151	5755	-5.20	-2.98	30.00	Pass
159	5795	-5.31	-3.09	30.00	Pass

802.11ac (VHT80)

Chan.	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass /Fail
138 (U-NII-3 Band)	5690	-12.75	-10.53	30.00	Pass
155	5775	-8.64	-6.42	30.00	Pass

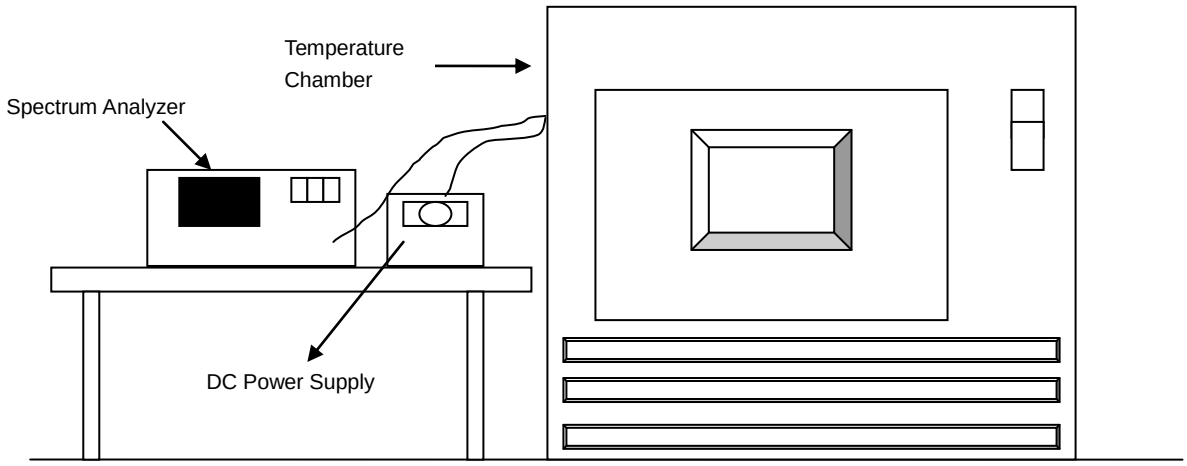
Spectrum Plot of Worst Value	
802.11a: CH149	**802.11ac (VHT20): CH165**
	
802.11ac (VHT40): CH151	**802.11ac (VHT80): CH155**
	

4.6 Frequency Stability Measurement

4.6.1 Limits of Frequency Stability Measurement

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

4.6.2 Test Setup



4.6.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.6.4 Test Procedure

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

4.6.5 Deviation from Test Standard

No deviation.

4.6.6 EUT Operating Condition

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

4.6.7 Test Results

Frequency Stability Versus Temp.									
Operating Frequency: 5180 MHz									
TEMP. (℃)	Power Supply (Vdc)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
50	3.3	5179.9728	PASS	5179.9736	PASS	5179.9767	PASS	5179.9755	PASS
40	3.3	5180.0021	PASS	5180.0029	PASS	5180.0044	PASS	5180.0037	PASS
30	3.3	5179.9768	PASS	5179.974	PASS	5179.9768	PASS	5179.9752	PASS
20	3.3	5180.0105	PASS	5180.012	PASS	5180.0095	PASS	5180.0081	PASS
10	3.3	5180.0065	PASS	5180.0096	PASS	5180.0085	PASS	5180.0062	PASS
0	3.3	5180.0045	PASS	5180.0016	PASS	5180.0004	PASS	5180.0018	PASS
-10	3.3	5179.9763	PASS	5179.9734	PASS	5179.9738	PASS	5179.978	PASS
-20	3.3	5180.0114	PASS	5180.0114	PASS	5180.0116	PASS	5180.0124	PASS
-30	3.3	5180.0189	PASS	5180.015	PASS	5180.0192	PASS	5180.017	PASS

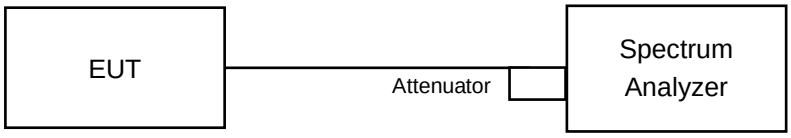
Frequency Stability Versus Voltage									
Operating Frequency: 5180 MHz									
TEMP. (℃)	Power Supply (Vdc)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
20	3.795	5180.0108	PASS	5180.0119	PASS	5180.0104	PASS	5180.0083	PASS
	3.3	5180.0105	PASS	5180.012	PASS	5180.0095	PASS	5180.0081	PASS
	2.805	5180.0109	PASS	5180.0113	PASS	5180.0087	PASS	5180.0086	PASS

4.7 6dB Bandwidth Measurment

4.7.1 Limits of 6dB Bandwidth Measurement

The minimum of 6dB Bandwidth Measurement is 0.5MHz.

4.7.2 Test Setup



4.7.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.7.4 Test Procedure

MEASUREMENT PROCEDURE REF

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

4.7.5 Deviation from Test Standard

No deviation.

4.7.6 EUT Operating Condition

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

4.7.7 Test Results

2TX Mode

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
144 (UNII-3 Band)	5720	3.18	3.19	0.5	PASS
149	5745	16.42	16.44	0.5	PASS
157	5785	16.43	16.44	0.5	PASS
165	5825	16.43	16.43	0.5	PASS

802.11ac (VHT20)

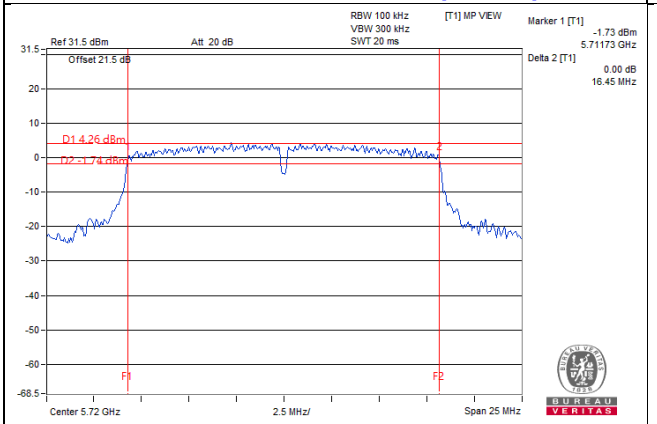
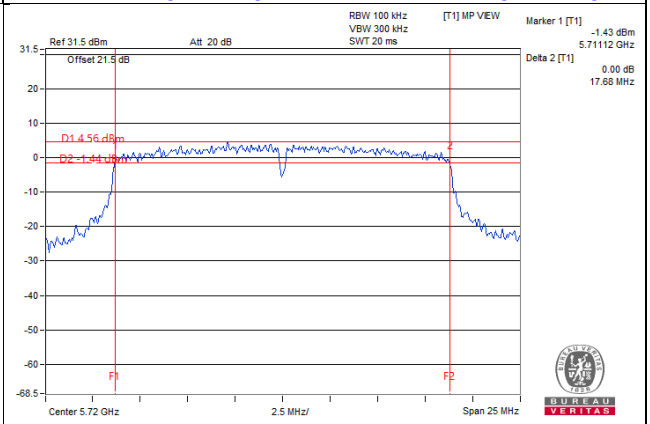
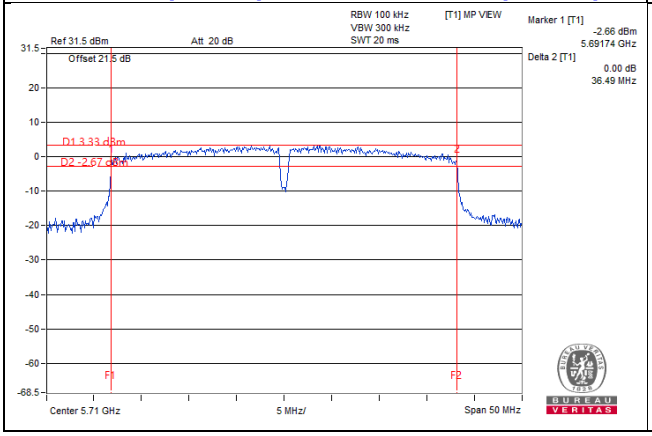
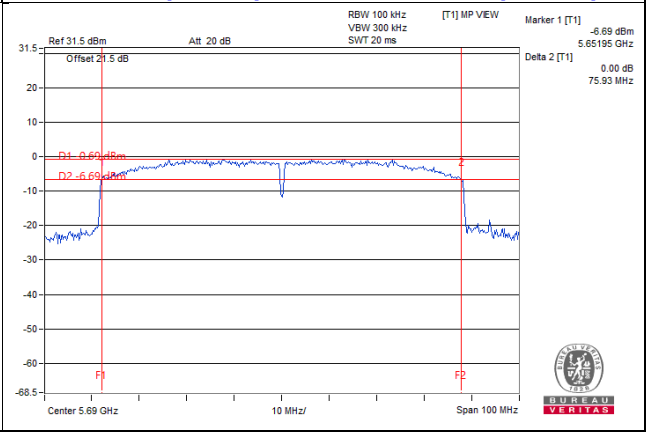
Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
144 (UNII-3 Band)	5720	3.80	3.80	0.5	PASS
149	5745	17.72	17.70	0.5	PASS
157	5785	17.71	17.71	0.5	PASS
165	5825	17.70	17.70	0.5	PASS

802.11ac (VHT40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
142 (UNII-3 Band)	5710	3.24	3.23	0.5	PASS
151	5755	36.49	36.49	0.5	PASS
159	5795	36.49	36.49	0.5	PASS

802.11ac (VHT80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
138 (UNII-3 Band)	5690	3.20	2.88	0.5	PASS
155	5775	76.06	75.93	0.5	PASS

Spectrum Plot of Worst Value	
802.11a / Chain 0 : CH144 (U-NII-3)	**802.11ac (VHT20) / Chain 0 : CH144 (U-NII-3)**
	
802.11ac (VHT40) / Chain 1 : CH142 (U-NII-3)	**802.11ac (VHT80) / Chain 1 : CH138 (U-NII-3)**
	

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

1TX Mode

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
144 (UNII-3 Band)	5720	3.18	0.5	PASS
149	5745	16.45	0.5	PASS
157	5785	16.45	0.5	PASS
165	5825	16.44	0.5	PASS

802.11ac (VHT20)

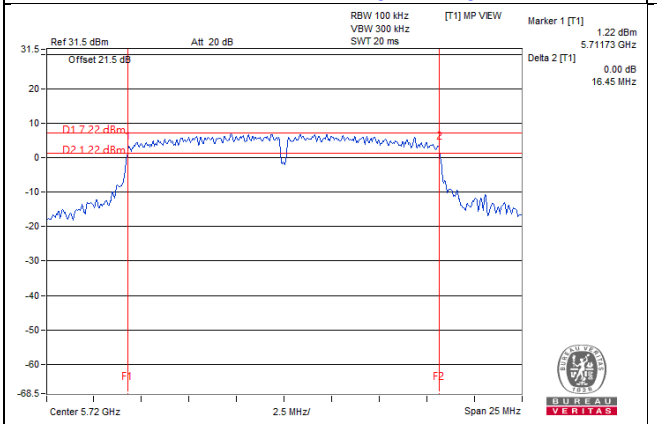
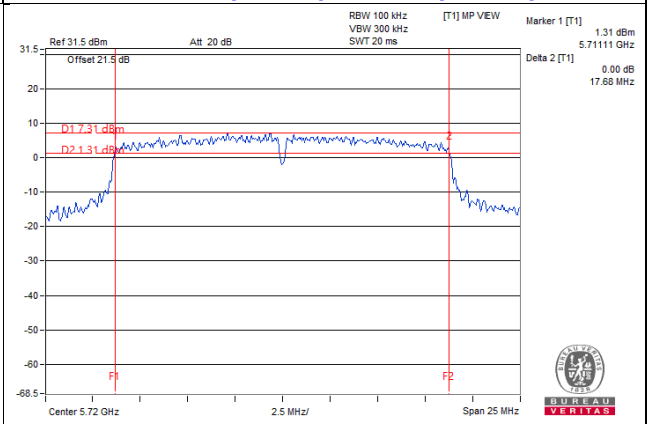
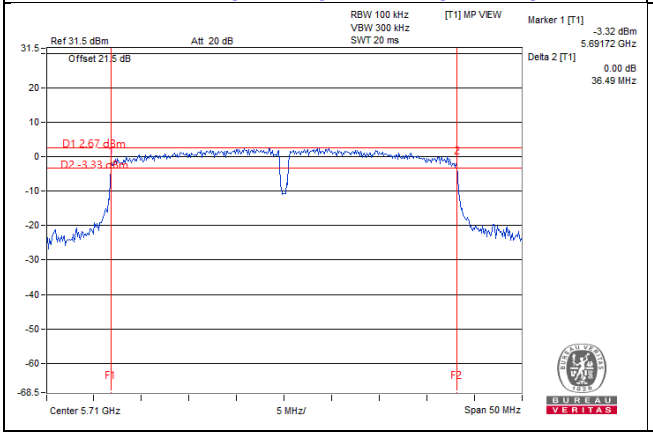
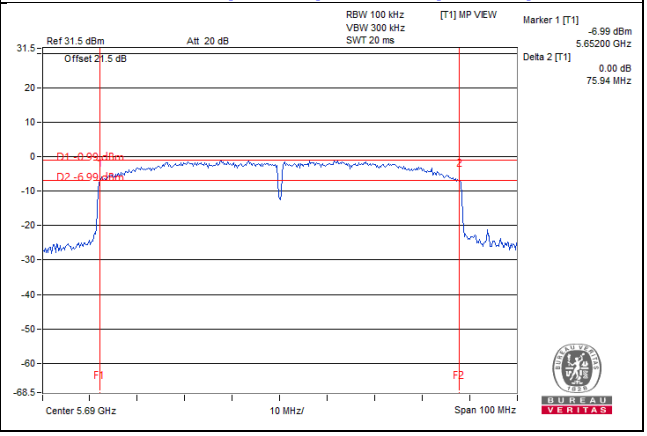
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
144 (UNII-3 Band)	5720	3.79	0.5	PASS
149	5745	17.68	0.5	PASS
157	5785	17.69	0.5	PASS
165	5825	17.68	0.5	PASS

802.11ac (VHT40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
142 (UNII-3 Band)	5710	3.21	0.5	PASS
151	5755	36.49	0.5	PASS
159	5795	36.50	0.5	PASS

802.11ac (VHT80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
138 (UNII-3 Band)	5690	2.94	0.5	PASS
155	5775	76.09	0.5	PASS

Spectrum Plot of Worst Value	
802.11a: CH144 (U-NII-3)	**802.11ac (VHT20): CH144 (U-NII-3)**
	
802.11ac (VHT40): CH142 (U-NII-3)	**802.11ac (VHT80): CH138 (U-NII-3)**
	

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

5 Pictures of Test Arrangements

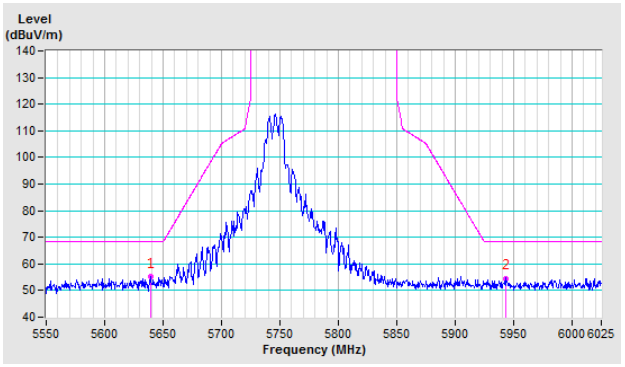
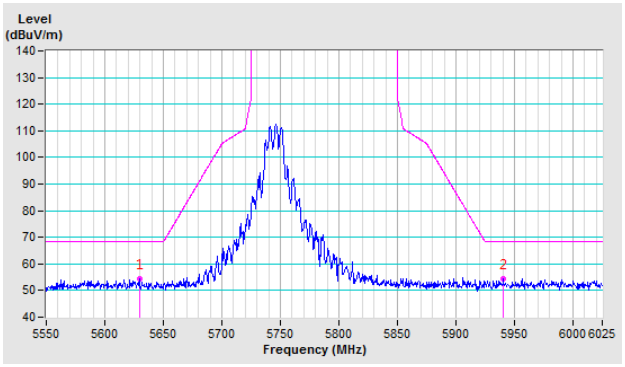
Please refer to the attached file (Test Setup Photo).

Annex A- Radiated Out of Band Emission (OOBE) Measurement (For U-NII-3 band) (Mode 1)

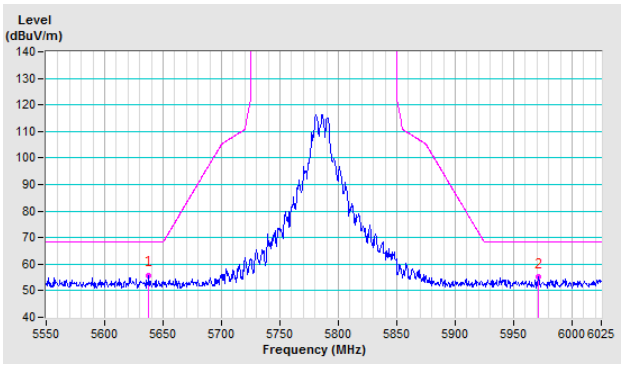
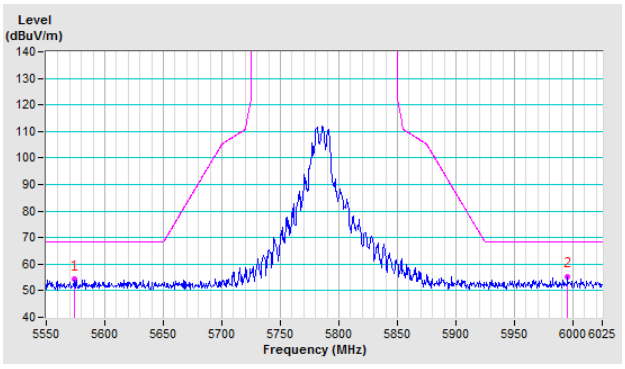
2TX Mode

802.11a

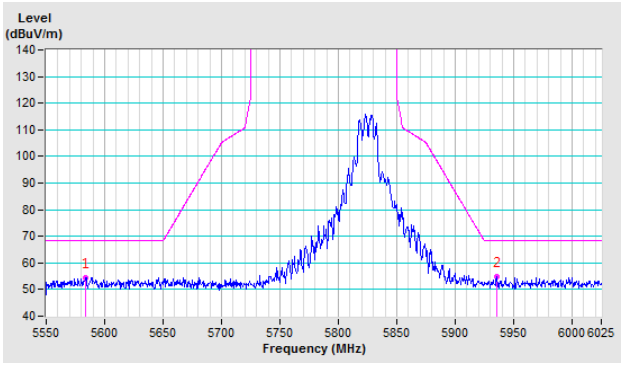
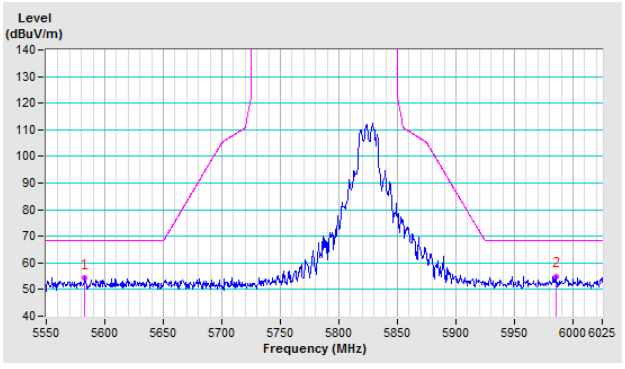
CH 149 5745 MHz

Horizontal	Vertical
	

CH 157 5785 MHz

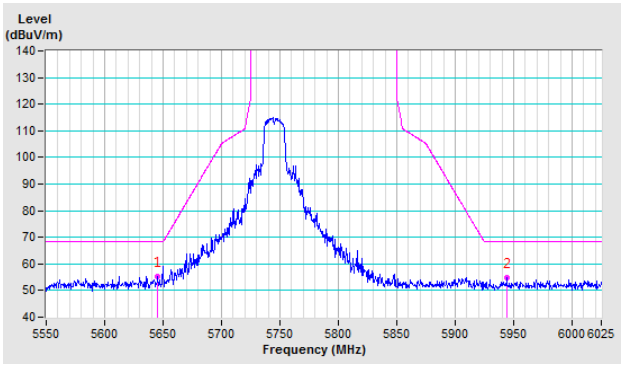
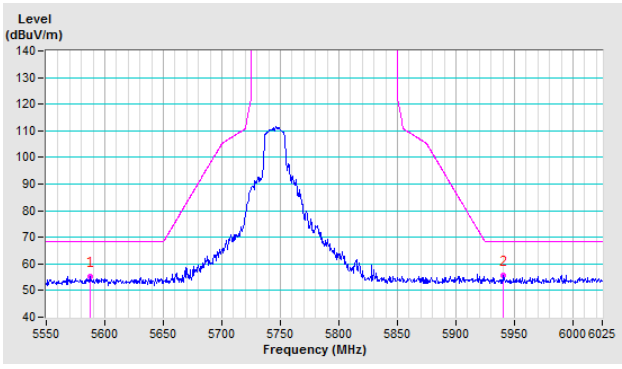
Horizontal	Vertical
	

CH 165 5825 MHz

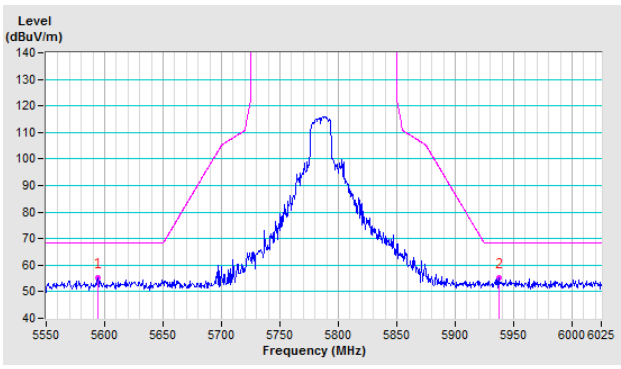
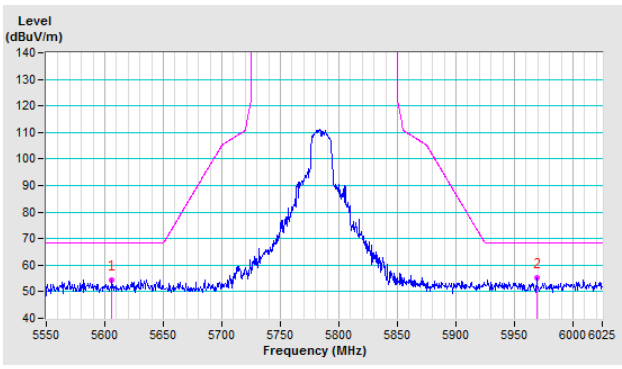
Horizontal	Vertical
	

802.11ac (VHT20)

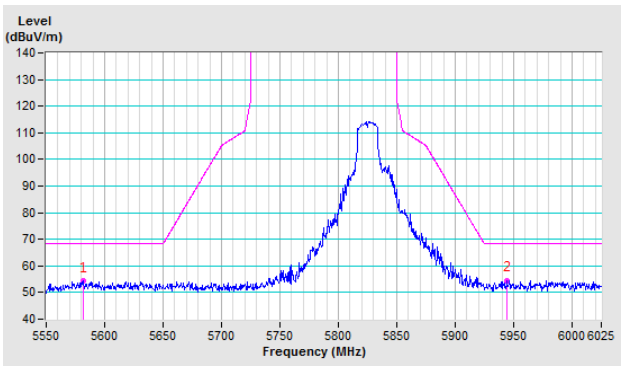
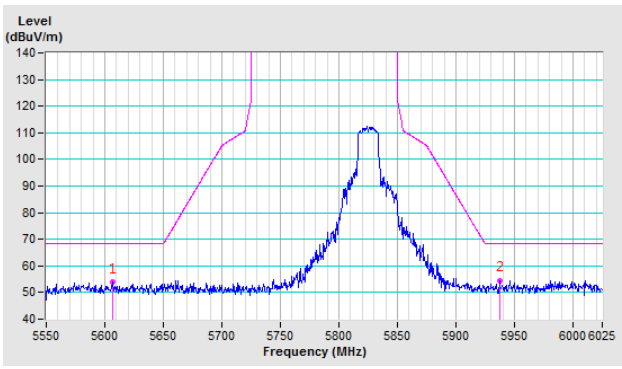
CH 149 5745 MHz

Horizontal	Vertical
	

CH 157 5785 MHz

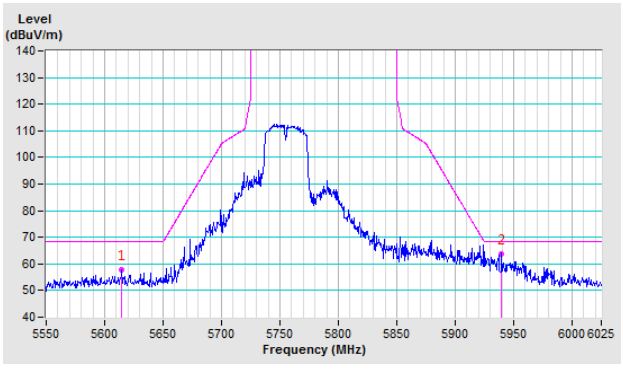
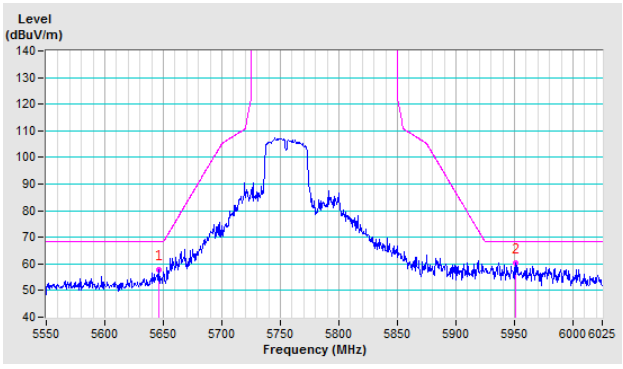
Horizontal	Vertical
	

CH 165 5825 MHz

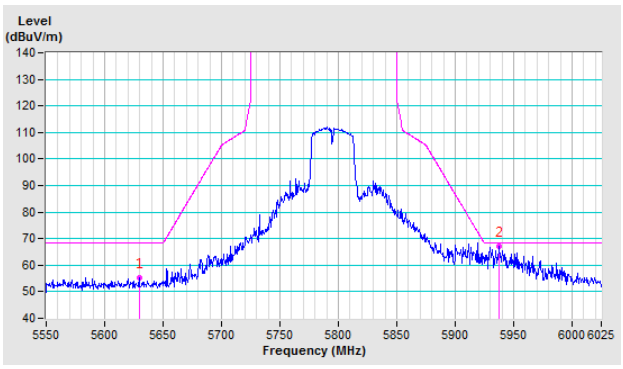
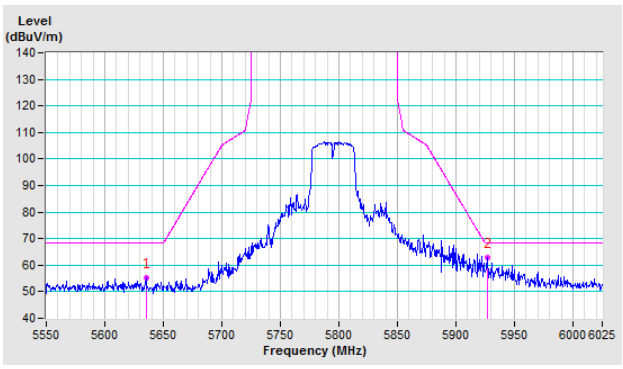
Horizontal	Vertical
	

802.11ac (VHT40)

CH 151 5755 MHz

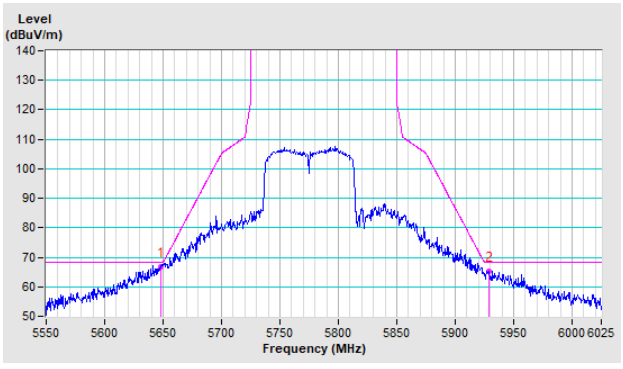
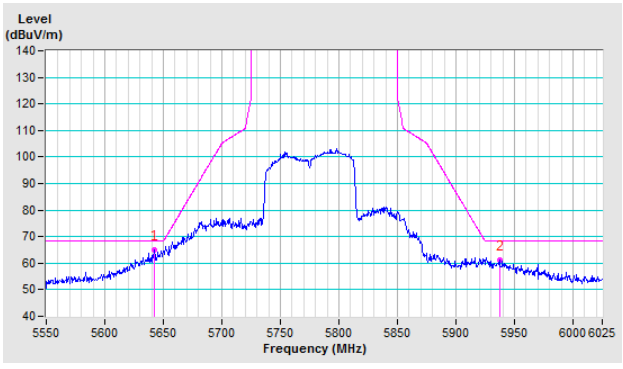
Horizontal	Vertical
	

CH 159 5795 MHz

Horizontal	Vertical
	

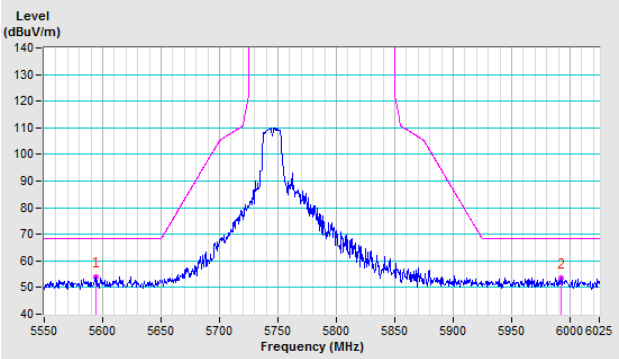
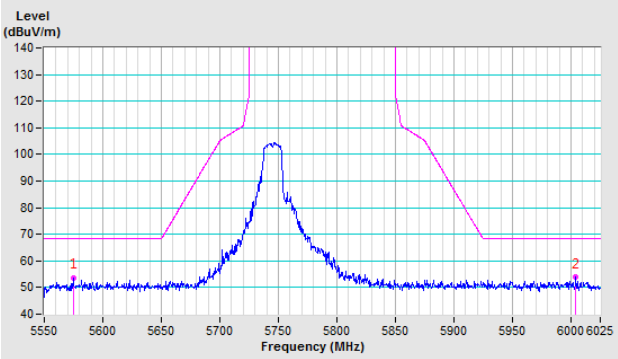
802.11ac (VHT80)

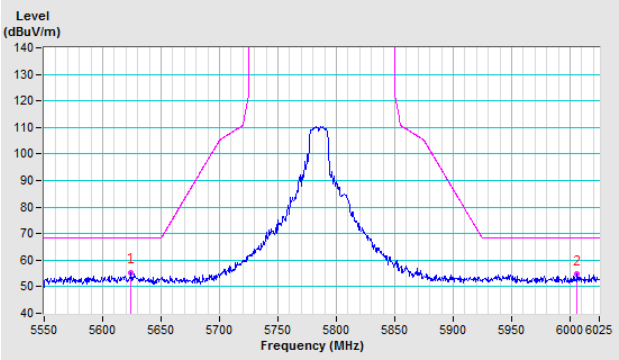
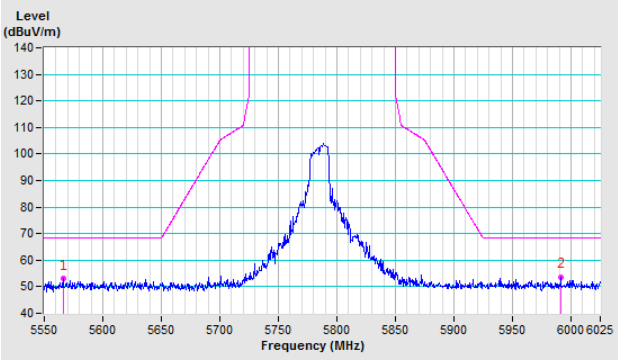
CH 155 5775 MHz

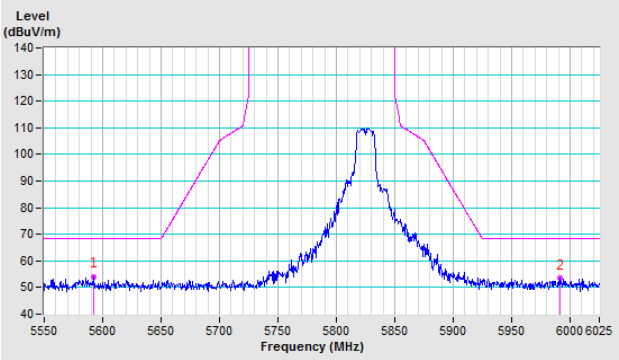
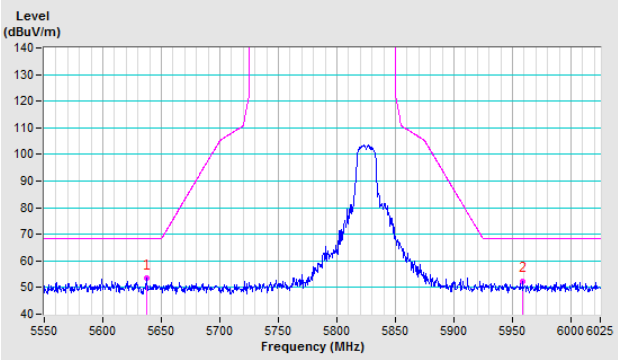
Horizontal	Vertical
	

1TX Mode

802.11a

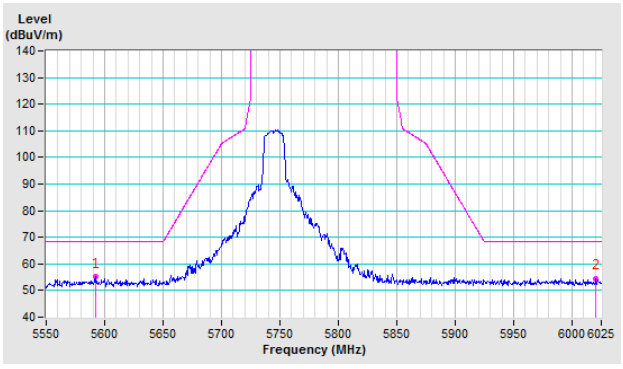
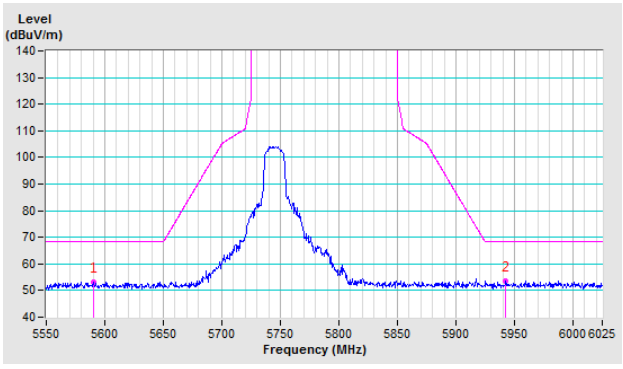
CH 149 5745 MHz	
Horizontal	**Vertical**
	

CH 157 5785 MHz	
Horizontal	**Vertical**
	

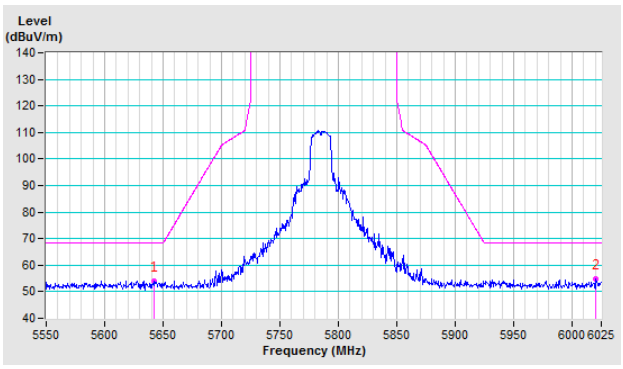
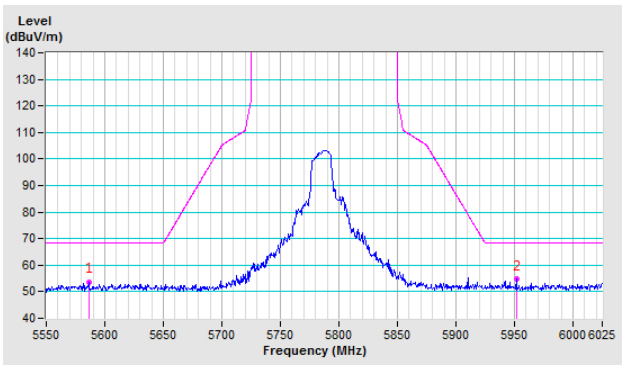
CH 165 5825 MHz	
Horizontal	**Vertical**
	

802.11ac (VHT20)

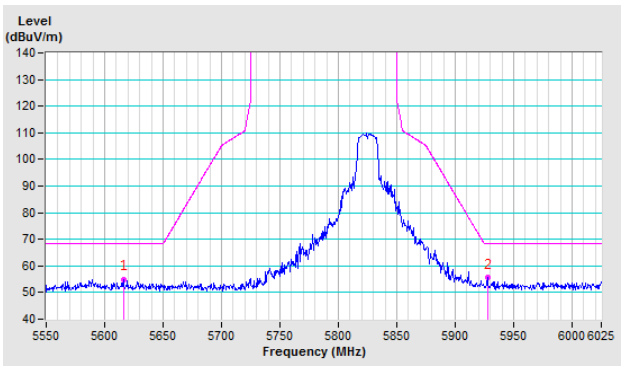
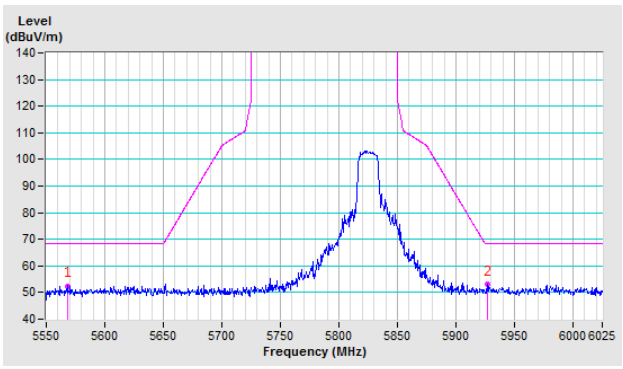
CH 149 5745 MHz

Horizontal	Vertical
	

CH 157 5785 MHz

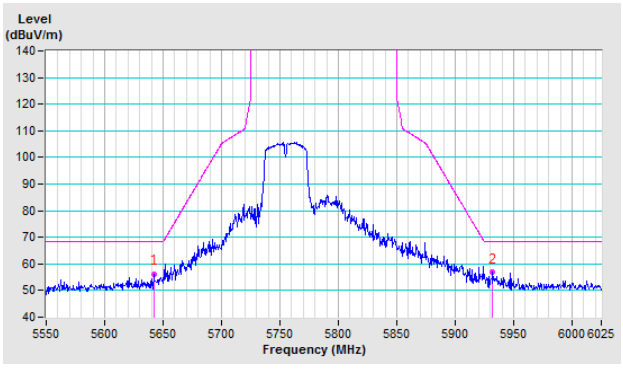
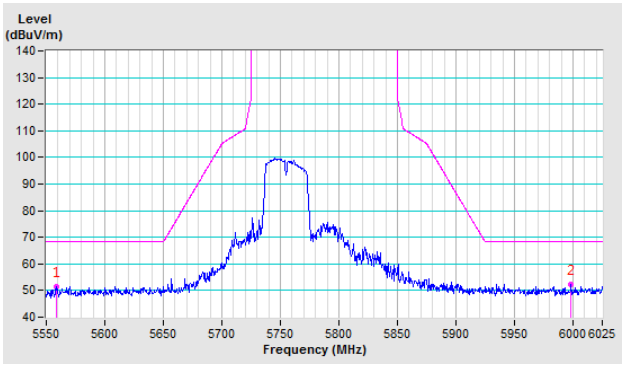
Horizontal	Vertical
	

CH 165 5825 MHz

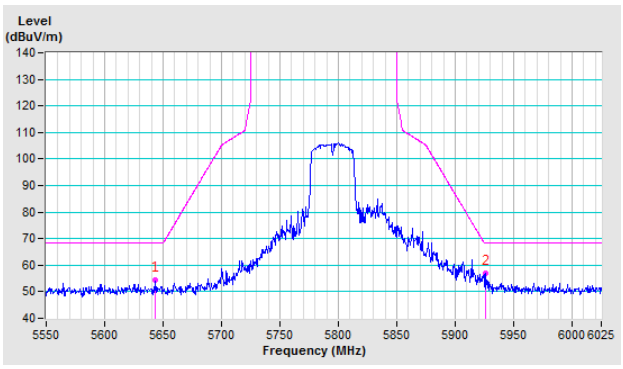
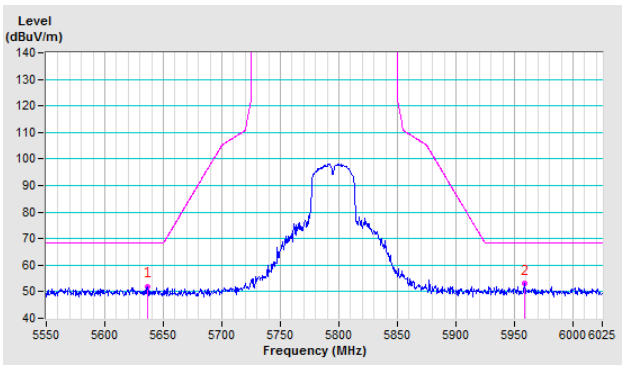
Horizontal	Vertical
	

802.11ac (VHT40)

CH 151 5755 MHz

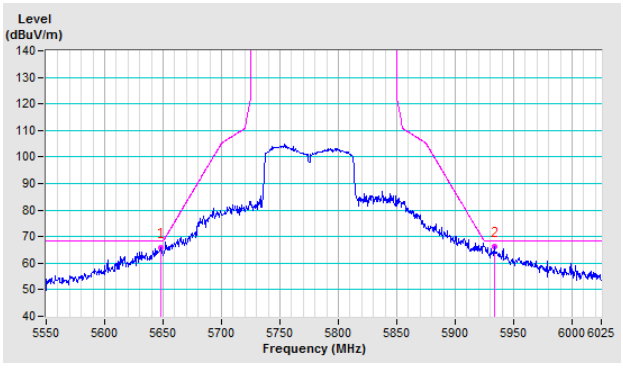
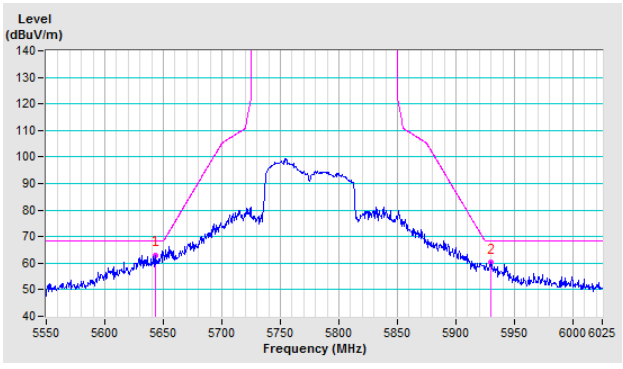
Horizontal	Vertical
	

CH 159 5795 MHz

Horizontal	Vertical
	

802.11ac (VHT80)

CH 155 5775 MHz

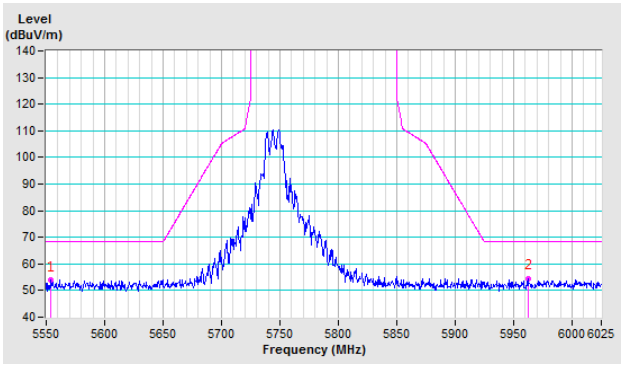
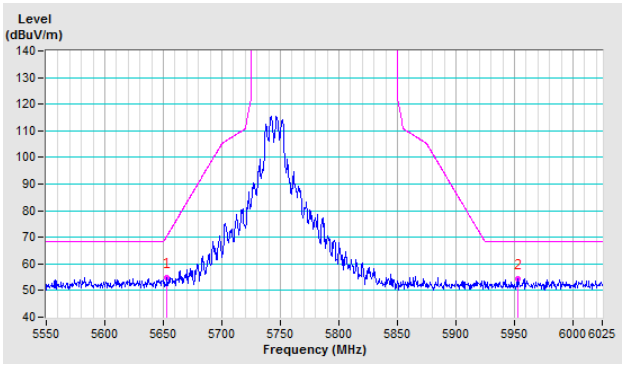
Horizontal	Vertical
	

Annex A- Radiated Out of Band Emission (OOBE) Measurement (For U-NII-3 band) (Mode 2)

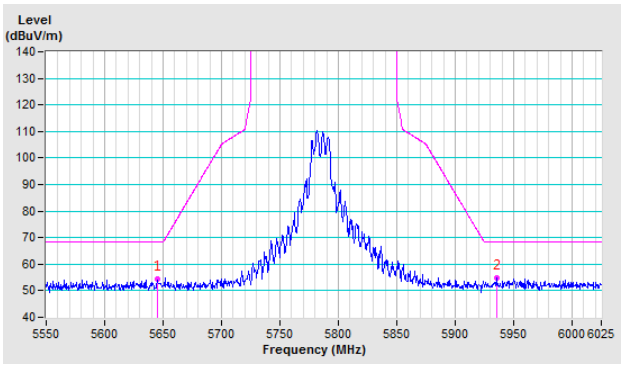
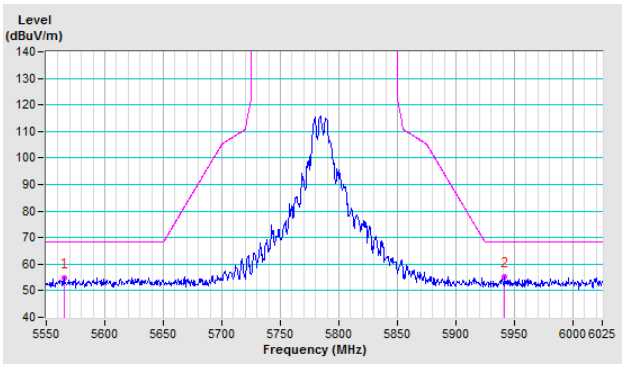
2TX Mode

802.11a

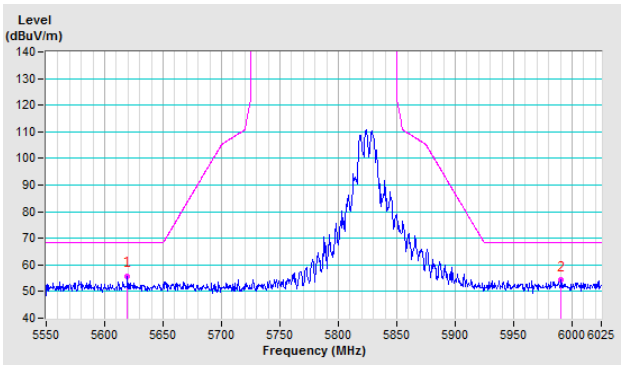
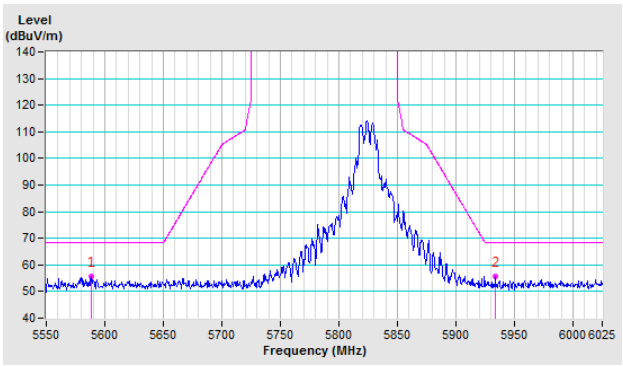
CH 149 5745 MHz

Horizontal	Vertical
	

CH 157 5785 MHz

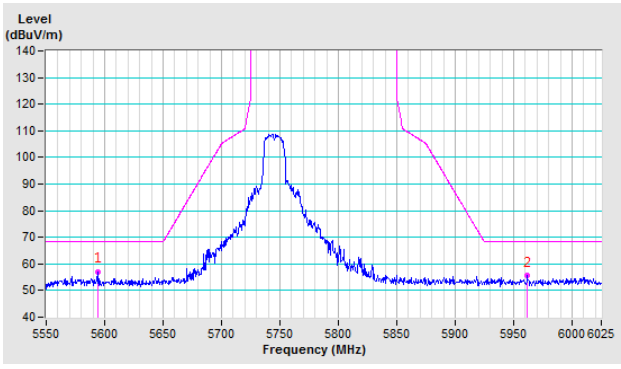
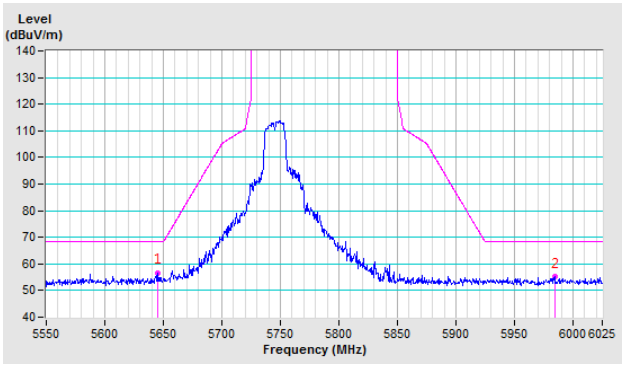
Horizontal	Vertical
	

CH 165 5825 MHz

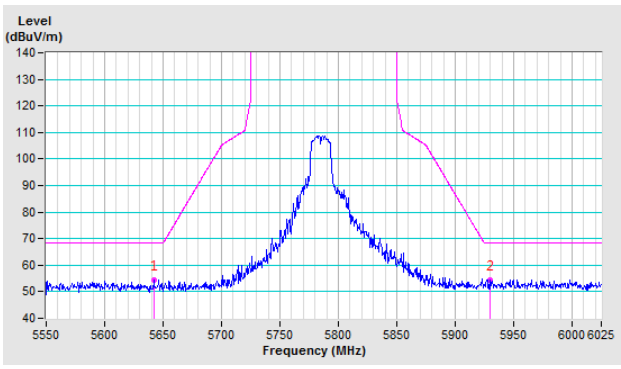
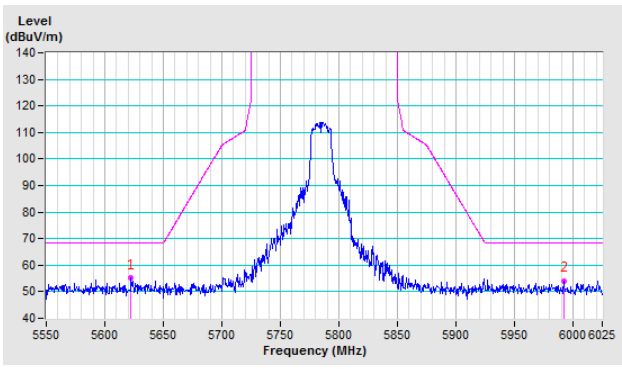
Horizontal	Vertical
	

802.11ac (VHT20)

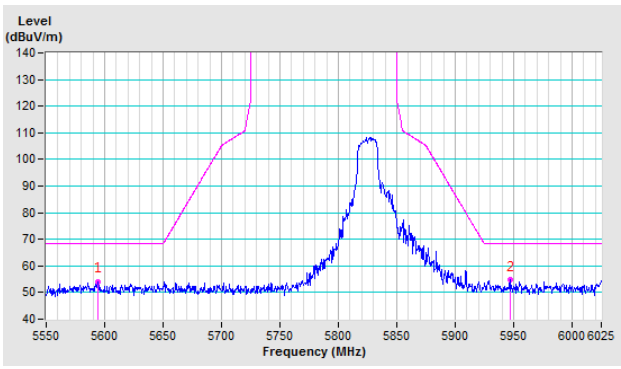
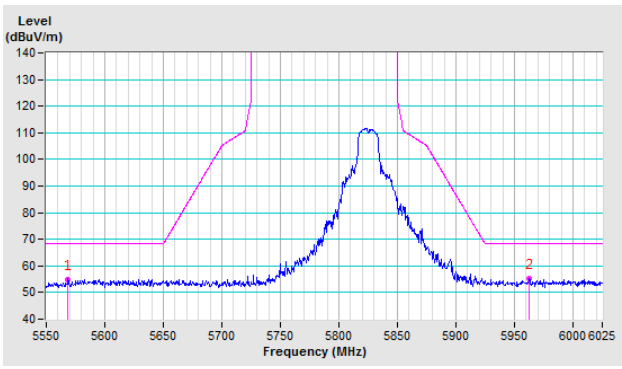
CH 149 5745 MHz

Horizontal	Vertical
	

CH 157 5785 MHz

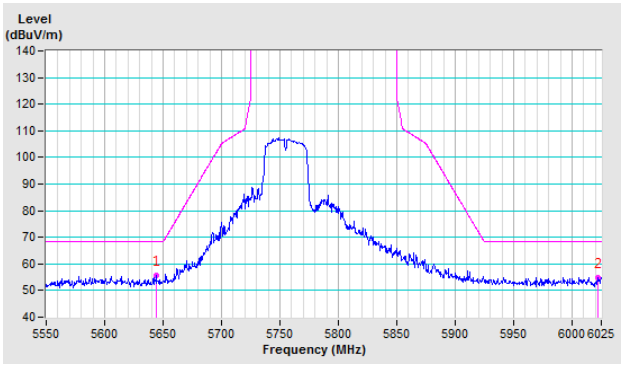
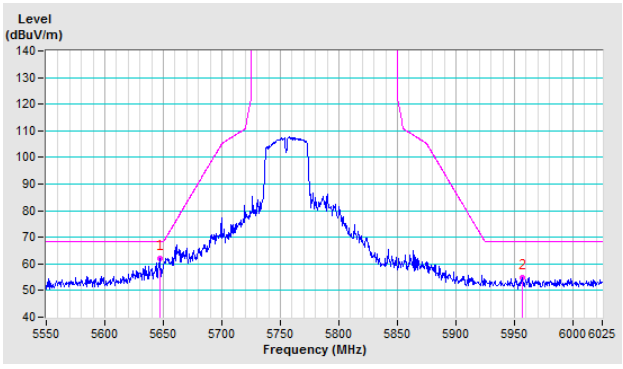
Horizontal	Vertical
	

CH 165 5825 MHz

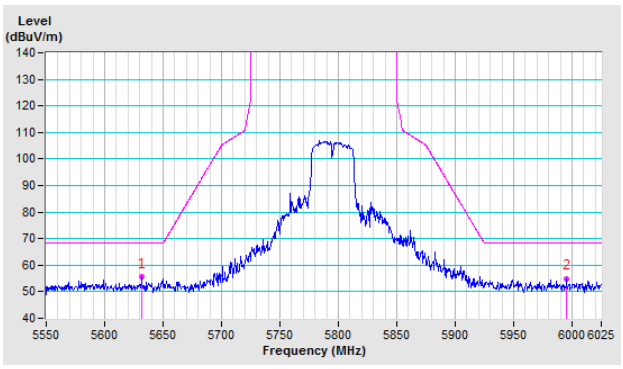
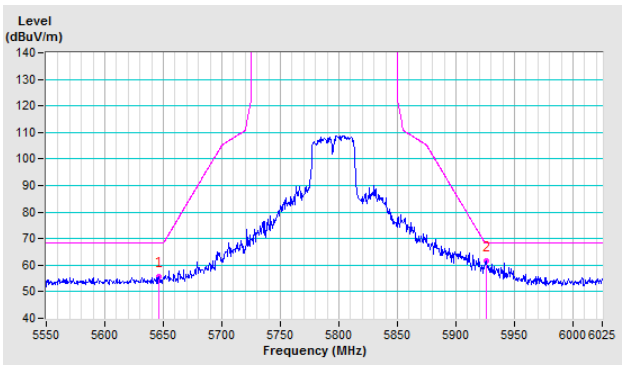
Horizontal	Vertical
	

802.11ac (VHT40)

CH 151 5755 MHz

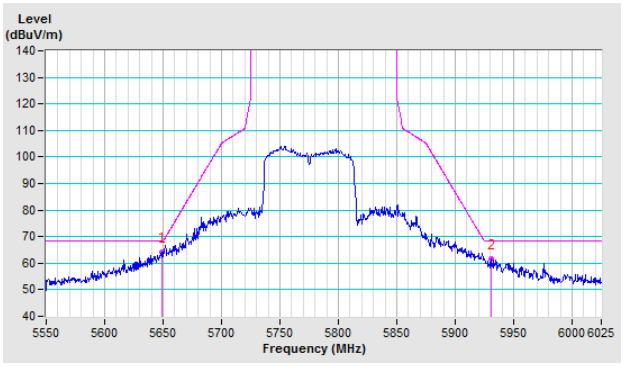
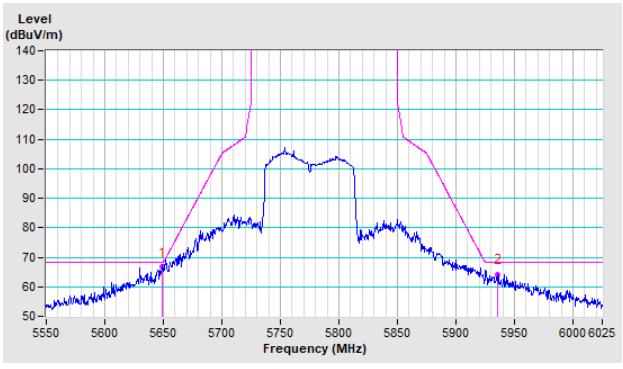
Horizontal	Vertical
	

CH 159 5795 MHz

Horizontal	Vertical
	

802.11ac (VHT80)

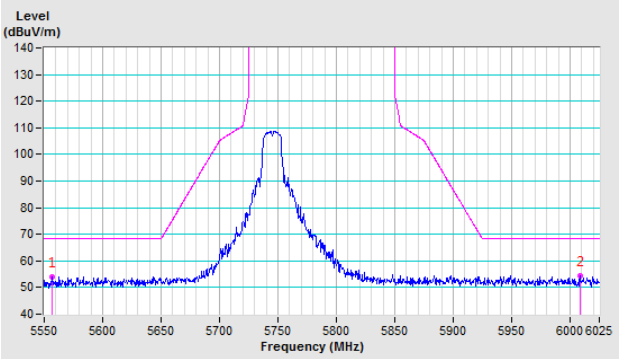
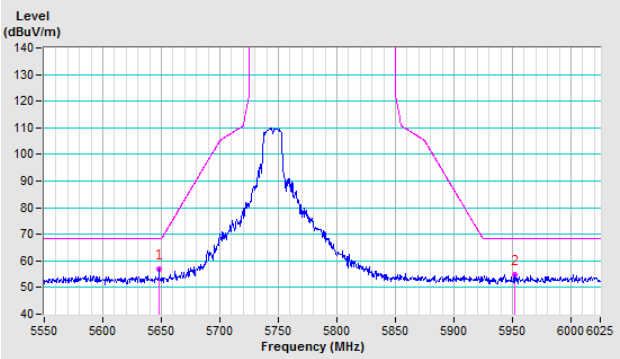
CH 155 5775 MHz

Horizontal	Vertical
	

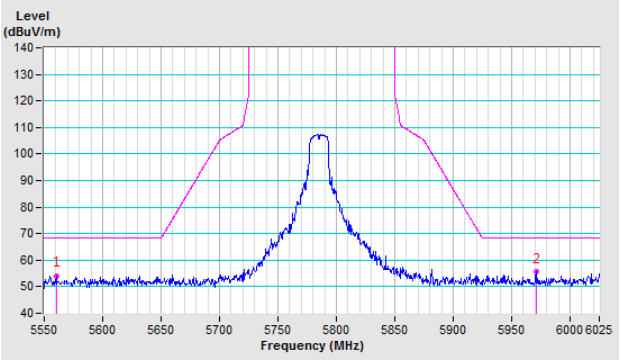
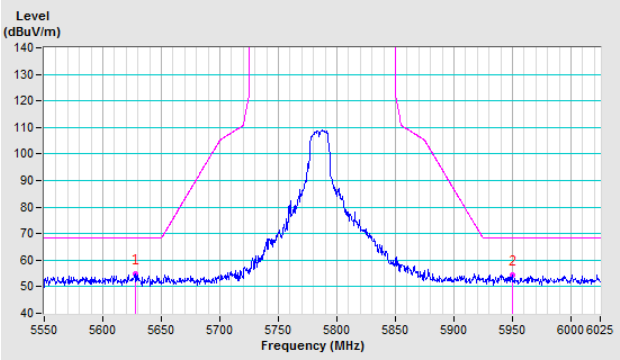
1TX Mode

802.11a

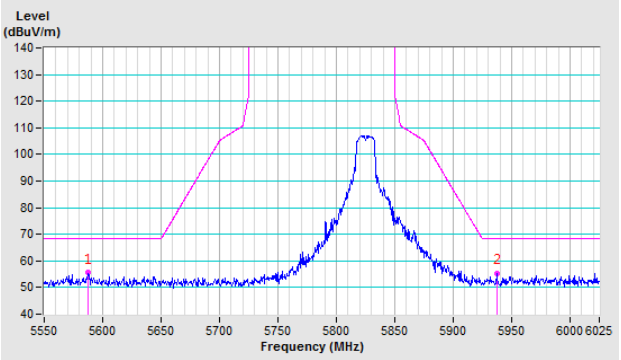
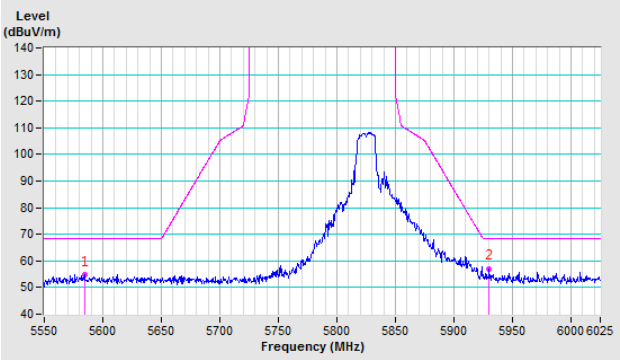
CH 149 5745 MHz

Horizontal	Vertical
	

CH 157 5785 MHz

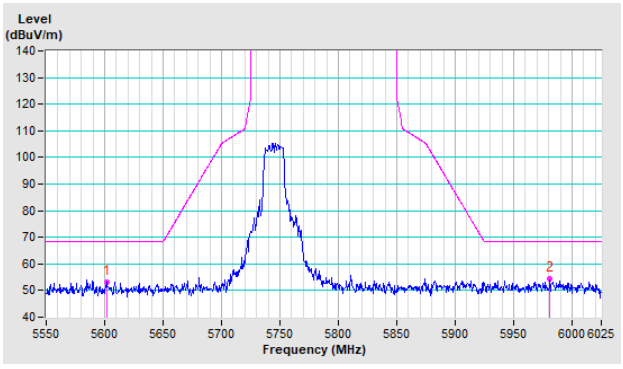
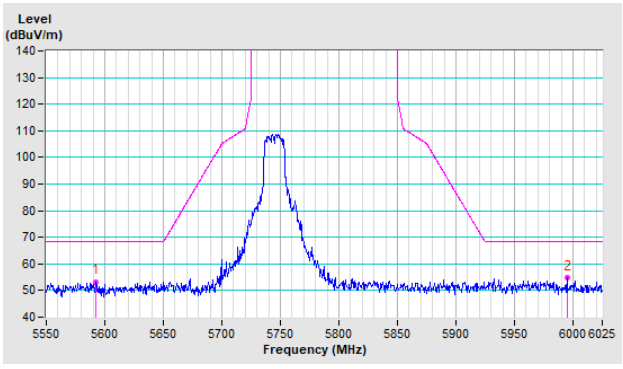
Horizontal	Vertical
	

CH 165 5825 MHz

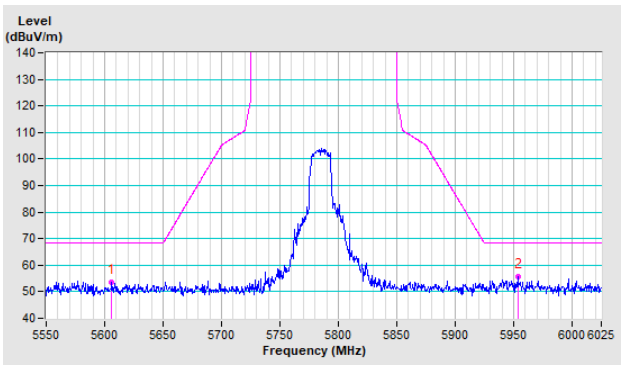
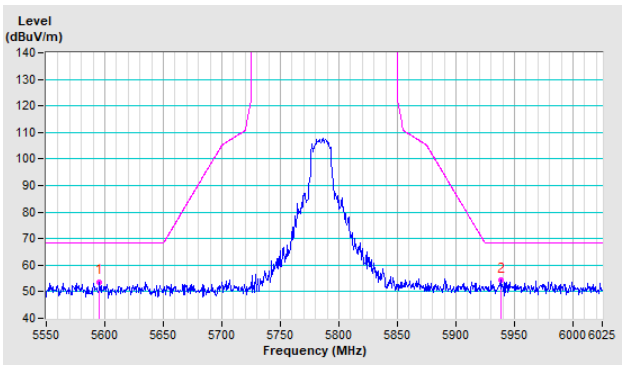
Horizontal	Vertical
	

802.11ac (VHT20)

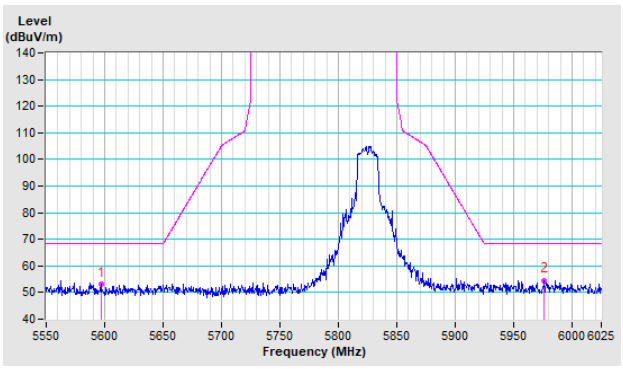
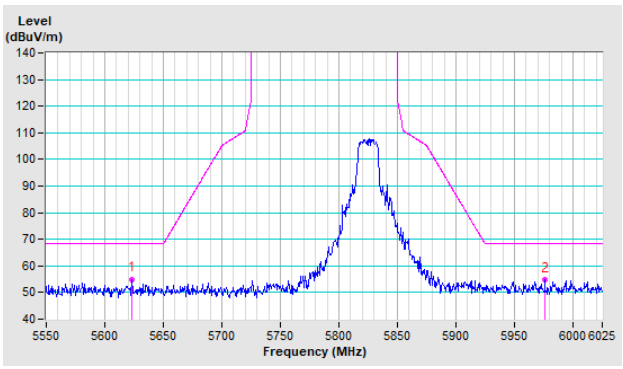
CH 149 5745 MHz

Horizontal	Vertical
	

CH 157 5785 MHz

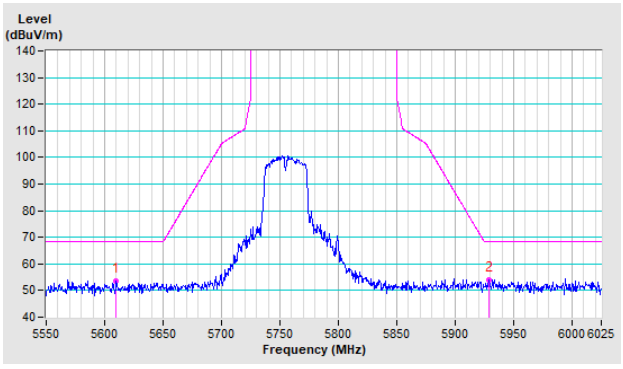
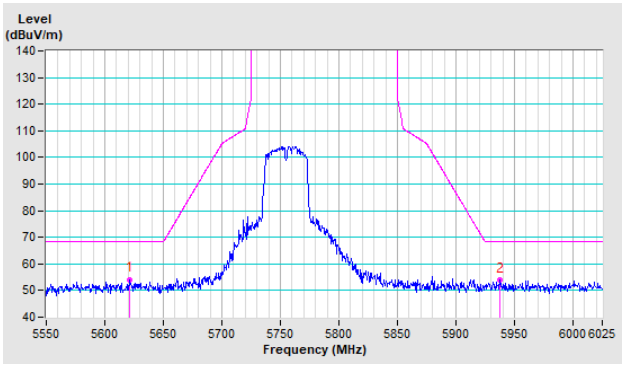
Horizontal	Vertical
	

CH 165 5825 MHz

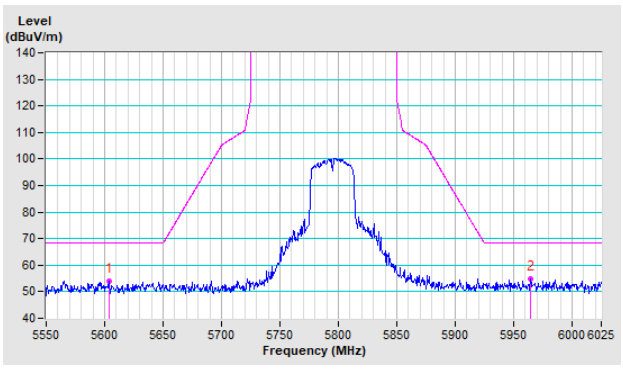
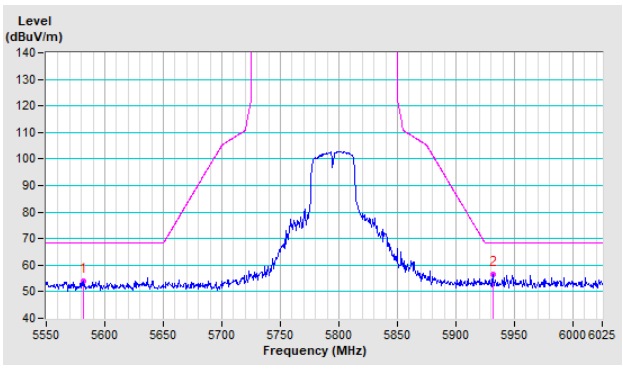
Horizontal	Vertical
	

802.11ac (VHT40)

CH 151 5755 MHz

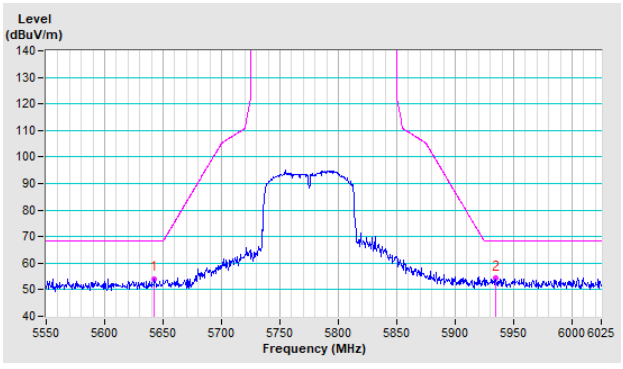
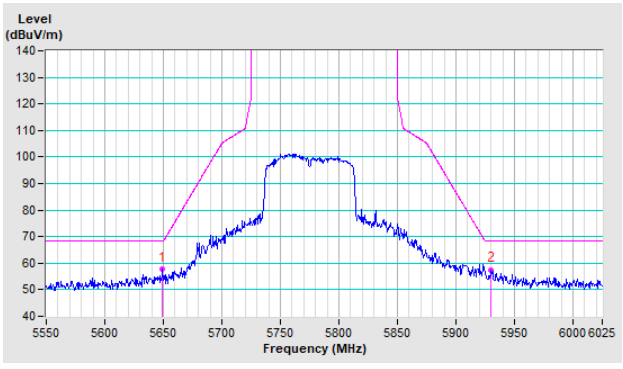
Horizontal	Vertical
	

CH 159 5795 MHz

Horizontal	Vertical
	

802.11ac (VHT80)

CH 155 5775 MHz

Horizontal	Vertical
	

Appendix – Information on the Testing Laboratories

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

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

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

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

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