

FCC Test Report (WLAN)

Report No.: RF190614E02-1 R1

FCC ID: B94SNPRC1950

Test Model: SNPRC-1950

Received Date: June 14, 2019

Test Date: June 19 to Aug. 30, 2019

Issued Date: Sep. 23, 2019

Applicant: HP Inc.

Address: 3390 East Harmony Road, MS 66 Fort Collins, CO 80528

Manufacturer: HP Singapore (Private) Limited

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



This report is for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents. Unless specific mention, the uncertainty of measurement has been explicitly taken into account to declare the compliance or non-compliance to the specification. The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any government agencies.

Table of Contents

Release Control Record	4
1 Certificate of Conformity	5
2 Summary of Test Results	6
2.1 Measurement Uncertainty	6
2.2 Modification Record	6
3 General Information	7
3.1 General Description of EUT (WLAN)	7
3.2 Description of Test Modes	10
3.2.1 Test Mode Applicability and Tested Channel Detail	12
3.3 Duty Cycle of Test Signal	15
3.4 Description of Support Units	16
3.4.1 Configuration of System under Test	17
3.5 General Description of Applied Standard	18
4 Test Types and Results	19
4.1 Radiated Emission and Bandedge Measurement	19
4.1.1 Limits of Radiated Emission and Bandedge Measurement	19
4.1.2 Test Instruments	20
4.1.3 Test Procedure	21
4.1.4 Deviation from Test Standard	21
4.1.5 Test Setup	22
4.1.6 EUT Operating Condition	23
4.1.7 Test Results	24
4.2 Conducted Emission Measurement	200
4.2.1 Limits of Conducted Emission Measurement	200
4.2.2 Test Instruments	200
4.2.3 Test Procedure	201
4.2.4 Deviation from Test Standard	201
4.2.5 Test Setup	201
4.2.6 EUT Operating Condition	201
4.2.7 Test Results	202
4.3 Transmit Power Measurement	204
4.3.1 Limits of Transmit Power Measurement	204
4.3.2 Test Setup	204
4.3.3 Test Instruments	204
4.3.4 Test Procedure	205
4.3.5 Deviation from Test Standard	205
4.3.6 EUT Operating Condition	205
4.3.7 Test Results	206
4.4 Occupied Bandwidth Measurement	216
4.4.1 Test Setup	216
4.4.2 Test Instruments	216
4.4.3 Test Procedure	216
4.4.4 Test Results	217
4.5 Peak Power Spectral Density Measurement	223
4.5.1 Limits of Peak Power Spectral Density Measurement	223
4.5.2 Test Setup	223
4.5.3 Test Instruments	223
4.5.4 Test Procedure	223
4.5.5 Deviation from Test Standard	224
4.5.6 EUT Operating Condition	224
4.5.7 Test Results	225
4.6 Frequency Stability Measurement	230
4.6.1 Limits of Frequency Stability Measurement	230

4.6.2	Test Setup	230
4.6.3	Test Instruments	230
4.6.4	Test Procedure	230
4.6.5	Deviation from Test Standard	230
4.6.6	EUT Operating Condition	230
4.6.7	Test Results	231
4.7	6dB Bandwidth Measurement	232
4.7.1	Limits of 6dB Bandwidth Measurement	232
4.7.2	Test Setup	232
4.7.3	Test Instruments	232
4.7.4	Test Procedure	232
4.7.5	Deviation from Test Standard	232
4.7.6	EUT Operating Condition	232
4.7.7	Test Results	233
5	Pictures of Test Arrangements	235
	Annex A- Radiated Out of Band Emission (OOBE) Measurement (For U-NII-3 band)	236
	Appendix – Information of the Testing Laboratories	248

Release Control Record

Issue No.	Description	Date Issued
RF190614E02-1	Original release.	Sep. 18, 2019
RF190614E02-1 R1	1. Modify the applicant and manufacturer information. 2. Modify the description of section 3.1.	Sep. 23, 2019

1 Certificate of Conformity

Product: 802.11a/b/g/n/ac (2.4 / 5 GHz) Wi-Fi radio + BT Radio Module

Brand:



Test Model: SNPRC-1950

Sample Status: ENGINEERING SAMPLE

Applicant: HP Inc.

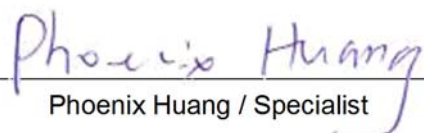
Manufacturer: HP Singapore (Private) Limited

Test Date: June 19 to Aug. 30, 2019

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.

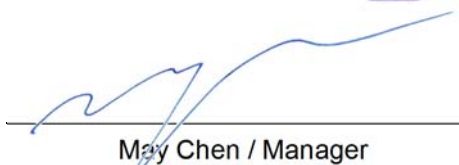
Prepared by :


Phoenix Huang / Specialist

Date:

Sep. 23, 2019

Approved by :


May Chen / Manager

Date:

Sep. 23, 2019

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 -16.67dB at 0.36875MHz.
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 -2.2dB at 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	Internal antenna no antenna connector is used. External 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 OOB test plots were recorded in Annex A.

Note:

Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

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	1.8 dB
Radiated Emissions up to 1 GHz	9kHz ~ 30MHz	3.0 dB
	30MHz ~ 1GHz	4.8 dB
Radiated Emissions above 1 GHz	1GHz ~ 6GHz	5.0 dB
	6GHz ~ 18GHz	5.0 dB
	18GHz ~ 40GHz	5.3 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 (2.4 / 5 GHz) Wi-Fi radio + BT Radio Module
Brand	
Test Model	SNPRC-1950
Status of EUT	ENGINEERING SAMPLE
Manufacturer	HP Singapore (Private) Limited
Power Supply Rating	DC 3.3V from host equipment
Temperature Operating Range	0°C ~ 70°C
Modulation Type	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode only
Modulation Technology	DSSS, OFDM
Transfer Rate	802.11b: up to 11Mbps 802.11a/g: up to 54Mbps 802.11n: up to 150Mbps 802.11ac: up to 433.3Mbps
Operating Frequency Band	2.4GHz: 2.4 ~ 2.4835 GHz 5GHz: 5.15 ~ 5.25 GHz, 5.25 ~ 5.35 GHz, 5.47 ~ 5.725 GHz, 5.725 ~ 5.85 GHz
Number of Channel	2.4GHz: 802.11b, 802.11g, 802.11n (HT20): 11 802.11n (HT40): 7 5GHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20): 25 802.11n (HT40), 802.11ac (VHT40): 12 802.11ac (VHT80): 6
Output Power	2.412 ~ 2.462GHz: 516.416 mW 5.18 ~ 5.24GHz: 156.315 mW 5.26 ~ 5.32GHz: 156.675 mW 5.5 ~ 5.72GHz: 164.816 mW 5.745 ~ 5.825GHz: 145.546 mW
Antenna Type	Refer to Note
Antenna Connector	Refer to Note
Accessory Device	NA
Data Cable Supplied	NA

Note:

1. 2.4GHz & 5GHz technology can't transmit at same time.
2. Simultaneously transmission condition.

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.

3. The EUT has the below configurations:

Part Numbers	Description
0960-4628	straight connector
0960-4622	straight connector
0960-4630	FFC connector

Note: From the above conditions, the worst case radiated emissions was found to be with FFC connector config, therefore only the test data of this config was recorded in this report.

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

Internal Antenna						
Antenna No.	Brand	Model	Ant. Net Gain (dBi)	Frequency range (GHz)	Antenna Type	Connector Type
1	HP Inc.	SNPRC-1950	3.5	2.4-2.5	PCB	None
			4.5	5-6		
External Antenna						
2	Yageo	ANTX300P002B24553	0.9	2.4-2.5	PCB	i-pex(MHF)
			2.3	5.150-5.875		
3	Pulse	SZ0595D	2.5	2.4-2.5	PIFA	i-pex(MHF)
			3	4.9-5.9		
4	Yageo	ANTX200P002B24553	0.9	2.4-2.5	PCB	i-pex(MHF)
			2.3	5.150-5.875		
5	Pulse	SZ07751	2.5	2.4-2.5	PIFA	i-pex(MHF)
			3	4.9-5.9		

Note:

1. The external antenna will fix transmission on Chain 1
2. The Bluetooth technology will fix transmission on Chain 1
3. For radiated emissions test from the above antennas, the Ant. No.: 1, 2, 5 were selected as representative model for the test and its data was recorded in this report.

5. The EUT incorporates a SIMO function.

2.4GHz Band		
MODULATION MODE	TX & RX CONFIGURATION	
802.11b	1TX (Diversity)	2RX
802.11g	1TX (Diversity)	2RX
802.11n (HT20)	1TX (Diversity)	2RX
802.11n (HT40)	1TX (Diversity)	2RX
5GHz Band		
MODULATION MODE	TX & RX CONFIGURATION	
802.11a	1TX (Diversity)	2RX
802.11n (HT20)	1TX (Diversity)	2RX
802.11n (HT40)	1TX (Diversity)	2RX
802.11ac (VHT20)	1TX (Diversity)	2RX
802.11ac (VHT40)	1TX (Diversity)	2RX
802.11ac (VHT80)	1TX (Diversity)	2RX

Note: The modulation and bandwidth are similar for 802.11n mode for 20MHz (40MHz) and 802.11ac mode for 20MHz (40MHz), therefore investigated worst case to representative mode in test report. (Final test mode refer section 3.2.1)

6. The above EUT information is declared by manufacturer and for more detailed features description, please refers 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 $\geq$ 1G	RE<1G	PLC	APCM	
-	√	√	√	√	-

Where **RE $\geq$ 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 internal Ant. No.: 1 (Chain 0) PCB antenna had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **X-plane (Below 1GHz) & Y-plane (Above 1GHz)**.
2. The EUT's internal Ant. No.: 1 (Chain 1) PCB antenna had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **X-plane (Below 1GHz) & Y-plane (Above 1GHz)**.
3. The EUT's external Ant. No.: 2 (Chain 1) PCB antenna had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **X-plane (Below 1GHz) & Y-plane (Above 1GHz)**.
4. The EUT's external Ant. No.: 5 (Chain 1) PIFA antenna had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **X-plane (Below 1GHz) & Y-plane (Above 1GHz)**.

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, configurations (Header pin and FFC), antenna types (integrated and external antennas of different vendor and different length), antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	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, configurations (Header pin and FFC), antenna types (integrated and external antennas of different vendor and different length), antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11ac (VHT20)	5180-5320, 5500-5720, 5745-5825	36 to 64, 100 to 144, 149 to 165	116	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, configurations (Header pin and FFC), antenna types (integrated and external antennas of different vendor and different length), antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11ac (VHT20)	5180-5320, 5500-5720, 5745-5825	36 to 64, 100 to 144, 149 to 165	116	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, configurations (Header pin and FFC), antenna types (integrated and external antennas of different vendor and different length), antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	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

Test Condition:

Applicable To	Environmental Conditions	Input Power (System)	Tested By
RE $\geq$ 1G	25deg. C, 65%RH	120Vac, 60Hz	Robert Cheng, Nelson Teng
RE<1G	25deg. C, 65%RH	120Vac, 60Hz	Nelson Teng
PLC	24deg. C, 75%RH	120Vac, 60Hz	Andy Ho
APCM	25deg. C, 60%RH	120Vac, 60Hz	Anderson Chen

3.3 Duty Cycle of Test Signal

If duty cycle of test signal is $\geq 98\%$, duty factor is not required.

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

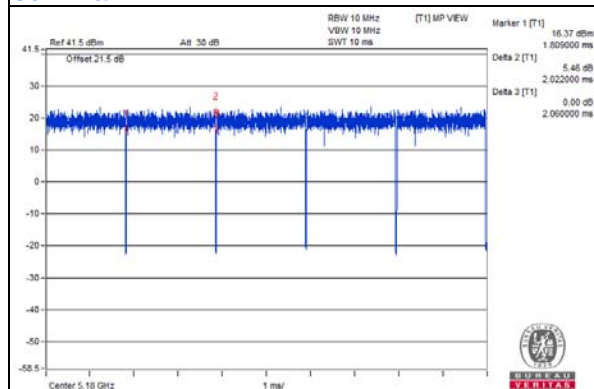
802.11a: Duty cycle = $2.022 \text{ ms} / 2.06 \text{ ms} = 0.982$

802.11ac (VHT20): Duty cycle = $1.891 \text{ ms} / 1.92 \text{ ms} = 0.985$

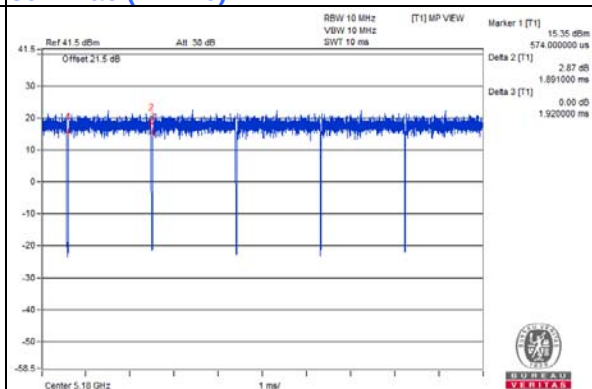
802.11ac (VHT40): Duty cycle = $0.931 \text{ ms} / 0.96 \text{ ms} = 0.97$, Duty factor = $10 * \log (1/\text{Duty cycle}) = 0.13$

802.11ac (VHT80): Duty cycle = $0.451 \text{ ms} / 0.48 \text{ ms} = 0.94$, Duty factor = $10 * \log (1/\text{Duty cycle}) = 0.27$

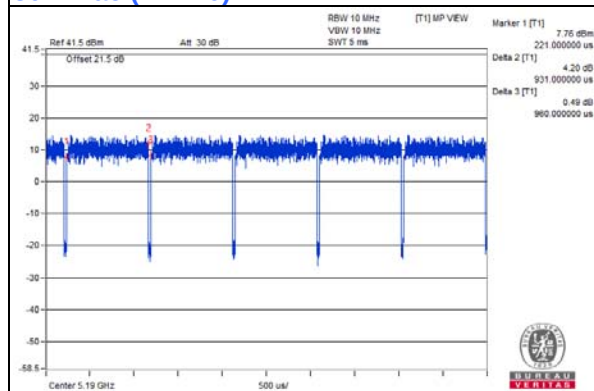
802.11a



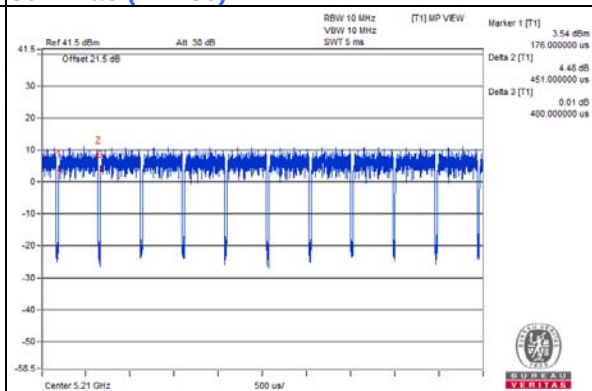
802.11ac (VHT20)



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.

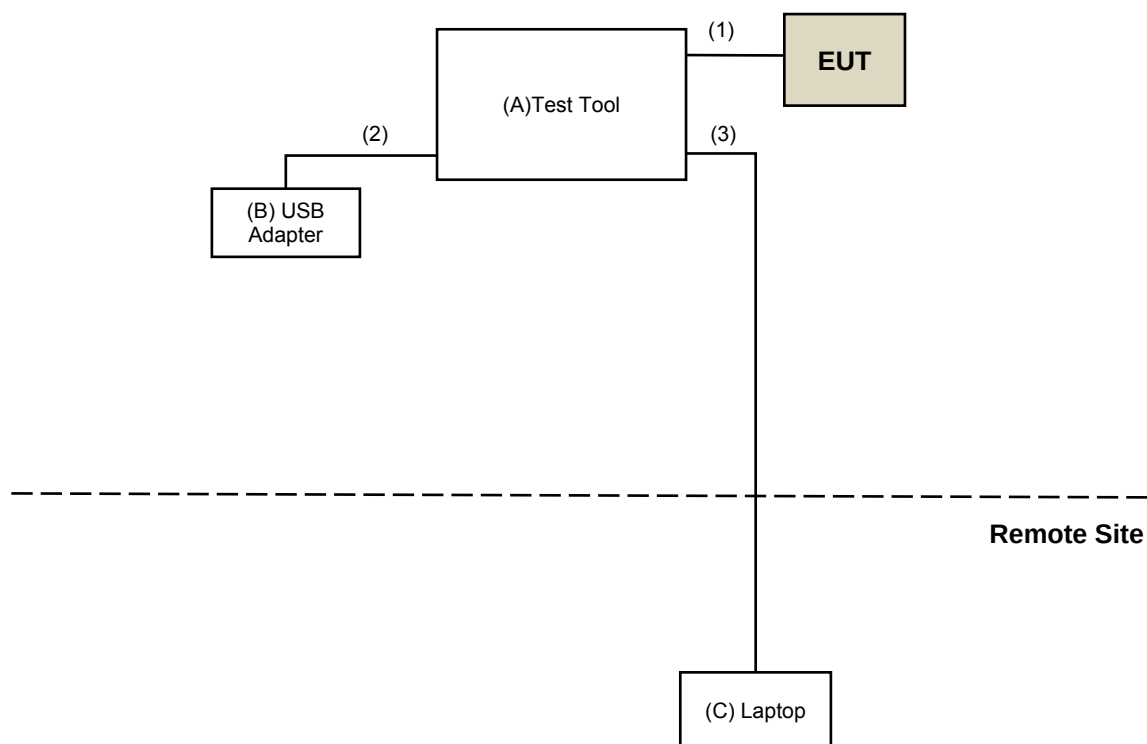
ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Test Tool	Realtek	NA	NA	NA	Supplied by client
B.	USB Adapter	ASUS	EXA1205UA	NA	NA	Provided by Lab
C.	Laptop	Dell	Inspiron 15-3567	FV34LJ2	NA	Provided by Lab

Note:

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

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	Data Cable	1	0.05	No	0	Supplied by client
2.	Micro USB Cable	1	1	Yes	0	Provided by Lab
3.	RJ-45 Cable	1	10	No	0	Provided by Lab

3.4.1 Configuration of System under Test



3.5 General Description of Applied Standard

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

FCC Part 15, Subpart E (15.407)

KDB 789033 D02 General UNII Test Procedure New Rules v02r01

ANSI C63.10-2013

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

4 Test Types and Results

4.1 Radiated Emission and Bandedge Measurement

4.1.1 Limits of Radiated Emission and Bandedge Measurement

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

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

NOTE:

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

Limits of unwanted emission out of the restricted bands

Applicable To		Limit	
789033 D02 General UNII Test Procedure New Rules v02r01		Field Strength at 3m	
		PK:74 (dBuV/m)	AV:54 (dBuV/m)
Frequency Band	Applicable To	EIRP Limit	Equivalent Field Strength at 3m
5150~5250 MHz	15.407(b)(1)	PK:-27 (dBm/MHz)	PK:68.2(dBuV/m)
5250~5350 MHz	15.407(b)(2)		
5470~5725 MHz	15.407(b)(3)		
5725~5850 MHz	☒ 15.407(b)(4)(i)	PK:-27 (dBm/MHz) ^{*1} PK:10 (dBm/MHz) ^{*2} PK:15.6 (dBm/MHz) ^{*3} PK:27 (dBm/MHz) ^{*4}	PK: 68.2(dBuV/m) ^{*1} PK:105.2 (dBuV/m) ^{*2} PK: 110.8(dBuV/m) ^{*3} PK:122.2 (dBuV/m) ^{*4}
	☐ 15.407(b)(4)(ii)	Emission limits in section 15.247(d)	
^{*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.	

Note:

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

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

4.1.2 Test Instruments

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver ESR7 R&S	ESR7	102026	Apr. 24, 2019	Apr. 23, 2020
Spectrum Analyzer Keysight	N9030B	MY57141948	May 25, 2019	May 24, 2020
Pre-Amplifier EMCI	EMC001340	980142	May 30, 2019	May 29, 2020
Loop Antenna Electro-Metrics	EM-6879	264	Jan. 22, 2019	Jan. 21, 2020
RF Cable	NA	LOOPCAB-001	Jan. 14, 2019	Jan. 13, 2020
RF Cable	NA	LOOPCAB-002	Jan. 14, 2019	Jan. 13, 2020
Pre-Amplifier EMCI	EMC330N	980538	Apr. 30, 2019	Apr. 29, 2020
Trilog Broadband Antenna SCHWARZBECK	VULB9168	9168-0842	Nov. 21, 2018	Nov. 20, 2019
RF Cable	8D	966-5-1	May 03, 2019	May 02, 2020
RF Cable	8D	966-5-2	May 03, 2019	May 02, 2020
RF Cable	8D	966-5-3	May 03, 2019	May 02, 2020
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-ATT5-02	Jan. 28, 2019	Jan. 27, 2020
Horn Antenna SCHWARZBECK	BBHA 9120D	9120D-1819	Nov. 25, 2018	Nov. 24, 2019
Pre-Amplifier EMCI	EMC12630SE	980509	May 03, 2019	May 02, 2020
RF Cable EMCI	EMC104-SM-SM-1500	180503	May 03, 2019	May 02, 2020
RF Cable EMCI	EMC104-SM-SM-2000	180501	May 03, 2019	May 02, 2020
RF Cable EMCI	EMC104-SM-SM-6000	180505	May 03, 2019	May 02, 2020
Pre-Amplifier EMCI	EMC184045SE	980387	Jan. 28, 2019	Jan. 27, 2020
Horn Antenna SCHWARZBECK	BBHA 9170	BBHA9170519	Nov. 25, 2018	Nov. 24, 2019
RF Cable	EMC102-KM-KM-1200	160924	Jan. 28, 2019	Jan. 27, 2020
RF Cable	EMC102-KM-KM-1200	160925	Jan. 28, 2019	Jan. 27, 2020
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 04, 2019	June 03, 2020
Power meter Anritsu	ML2495A	1014008	May 13, 2019	May 12, 2020
Power sensor Anritsu	MA2411B	0917122	May 13, 2019	May 12, 2020
Fixed Attenuator Mini-Circuits	MDCS18N-10	MDCS18N-10-01	Apr. 15, 2019	Apr. 14, 2020
DC Power Supply Topward	6603D	795558	NA	NA
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	Jan. 09, 2019	Jan. 08, 2020
True RMS Clamp Meter FLUKE	325	31130711WS	May 21, 2019	May 20, 2020

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in 966 Chamber No. 5.
3. Loop antenna was used for all emissions below 30 MHz.
4. Tested Date: June 19 to Aug. 30, 2019

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 detects 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:

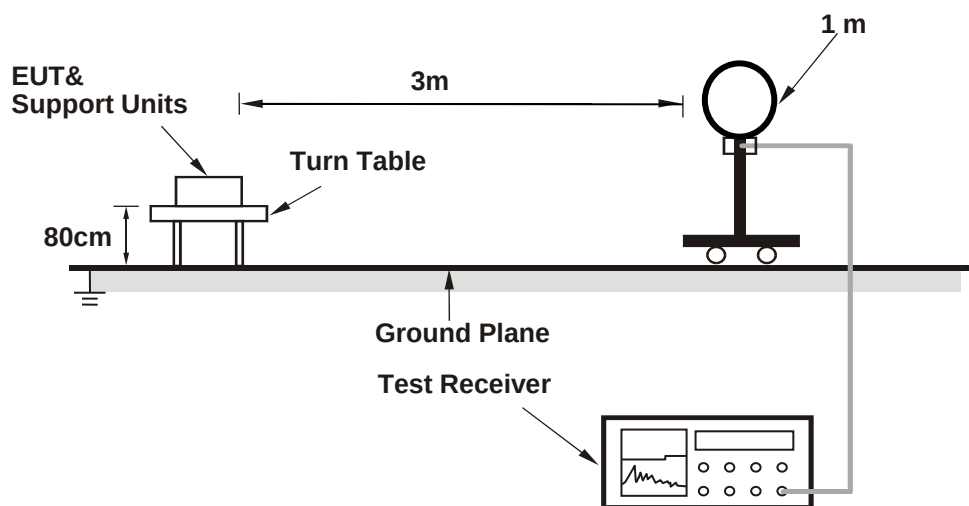
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle $< 98\%$) or 10Hz (Duty cycle $\geq 98\%$) 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

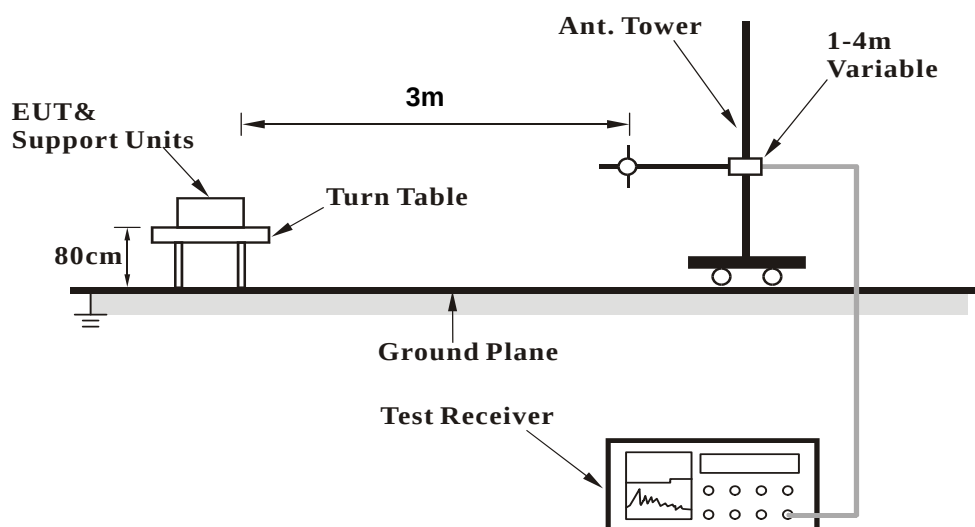
No deviation.

4.1.5 Test Setup

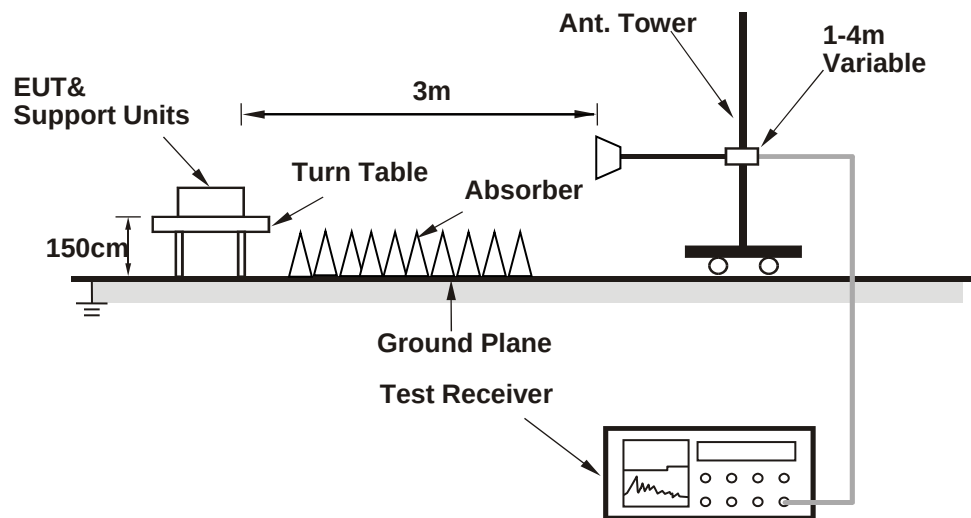
For Radiated emission below 30MHz



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

- Connected the EUT with the Laptop which is placed on remote site.
- Controlling software (Hyper Terminal paste RTL8821DS_Wifi SOP_190618.txt command) has been activated to set the EUT under transmission condition continuously.

4.1.7 Test Results

For internal Ant. No.: 1 (Chain 0) PCB antenna (Model: SNPRC-1950)

Above 1GHz Data:

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	59.6 PK	74.0	-14.4	1.74 H	16	57.5	2.1
2	5150.00	51.4 AV	54.0	-2.6	1.74 H	16	49.3	2.1
3	*5180.00	114.0 PK			1.74 H	16	112.2	1.8
4	*5180.00	104.9 AV			1.74 H	16	103.1	1.8
5	#10360.00	44.4 PK	68.2	-23.8	2.29 H	221	32.3	12.1
6	15540.00	49.8 PK	74.0	-24.2	1.52 H	304	37.6	12.2
7	15540.00	36.2 AV	54.0	-17.8	1.52 H	304	24.0	12.2
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	5150.00	54.5 PK	74.0	-19.5	3.63 V	89	52.4	2.1
2	5150.00	43.8 AV	54.0	-10.2	3.63 V	89	41.7	2.1
3	*5180.00	107.9 PK			3.63 V	89	106.1	1.8
4	*5180.00	99.6 AV			3.63 V	89	97.8	1.8
5	#10360.00	52.5 PK	68.2	-15.7	2.57 V	340	40.4	12.1
6	15540.00	51.3 PK	74.0	-22.7	2.89 V	69	39.1	12.2
7	15540.00	38.0 AV	54.0	-16.0	2.89 V	69	25.8	12.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	118.5 PK			1.72 H	5	116.8	1.7
2	*5200.00	109.8 AV			1.72 H	5	108.1	1.7
3	#10400.00	43.5 PK	68.2	-24.7	2.29 H	233	31.1	12.4
4	15600.00	49.4 PK	74.0	-24.6	1.47 H	309	37.4	12.0
5	15600.00	35.7 AV	54.0	-18.3	1.47 H	309	23.7	12.0
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	*5200.00	112.3 PK			3.60 V	74	110.6	1.7
2	*5200.00	104.3 AV			3.60 V	74	102.6	1.7
3	#10400.00	52.2 PK	68.2	-16.0	2.59 V	347	39.8	12.4
4	15600.00	50.9 PK	74.0	-23.1	2.96 V	76	38.9	12.0
5	15600.00	37.9 AV	54.0	-16.1	2.96 V	76	25.9	12.0

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5081.34	56.1 PK	74.0	-17.9	1.86 H	17	54.0	2.1
2	5081.34	46.5 AV	54.0	-7.5	1.86 H	17	44.4	2.1
3	*5240.00	119.3 PK			1.86 H	17	117.9	1.4
4	*5240.00	110.6 AV			1.86 H	17	109.2	1.4
5	5350.00	56.1 PK	74.0	-17.9	1.86 H	17	54.6	1.5
6	5350.00	45.6 AV	54.0	-8.4	1.86 H	17	44.1	1.5
7	#10480.00	44.2 PK	68.2	-24.0	2.31 H	221	31.4	12.8
8	15720.00	49.7 PK	74.0	-24.3	1.45 H	325	38.1	11.6
9	15720.00	35.9 AV	54.0	-18.1	1.45 H	325	24.3	11.6

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	*5240.00	112.0 PK			3.59 V	85	110.6	1.4
2	*5240.00	104.1 AV			3.59 V	85	102.7	1.4
3	5350.00	54.2 PK	74.0	-19.8	3.59 V	85	52.7	1.5
4	5350.00	43.6 AV	54.0	-10.4	3.59 V	85	42.1	1.5
5	#10480.00	52.6 PK	68.2	-15.6	2.59 V	330	39.8	12.8
6	15720.00	50.9 PK	74.0	-23.1	2.89 V	88	39.3	11.6
7	15720.00	37.9 AV	54.0	-16.1	2.89 V	88	26.3	11.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5102.48	55.0 PK	74.0	-19.0	1.68 H	17	52.8	2.2
2	5102.48	45.9 AV	54.0	-8.1	1.68 H	17	43.7	2.2
3	5150.00	54.6 PK	74.0	-19.4	1.68 H	17	52.5	2.1
4	5150.00	43.5 AV	54.0	-10.5	1.68 H	17	41.4	2.1
5	*5260.00	118.6 PK			1.68 H	17	117.3	1.3
6	*5260.00	109.7 AV			1.68 H	17	108.4	1.3
7	5367.81	57.3 PK	74.0	-16.7	1.68 H	17	55.7	1.6
8	5367.81	46.6 AV	54.0	-7.4	1.68 H	17	45.0	1.6
9	#10520.00	43.3 PK	68.2	-24.9	2.31 H	206	30.5	12.8
10	15780.00	49.0 PK	74.0	-25.0	1.45 H	310	37.3	11.7
11	15780.00	35.3 AV	54.0	-18.7	1.45 H	310	23.6	11.7

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	53.7 PK	74.0	-20.3	3.60 V	73	51.6	2.1
2	5150.00	43.2 AV	54.0	-10.8	3.60 V	73	41.1	2.1
3	*5260.00	111.5 PK			3.60 V	73	110.2	1.3
4	*5260.00	103.6 AV			3.60 V	73	102.3	1.3
5	#10520.00	52.6 PK	68.2	-15.6	2.59 V	347	39.8	12.8
6	15780.00	50.3 PK	74.0	-23.7	2.90 V	75	38.6	11.7
7	15780.00	37.2 AV	54.0	-16.8	2.90 V	75	25.5	11.7

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	118.6 PK			1.72 H	29	117.2	1.4
2	*5300.00	109.9 AV			1.72 H	29	108.5	1.4
3	10600.00	43.9 PK	74.0	-30.1	2.33 H	217	30.8	13.1
4	10600.00	31.3 AV	54.0	-22.7	2.33 H	217	18.2	13.1
5	15900.00	49.5 PK	74.0	-24.5	1.50 H	309	38.0	11.5
6	15900.00	35.7 AV	54.0	-18.3	1.50 H	309	24.2	11.5
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	*5300.00	112.0 PK			3.56 V	70	110.6	1.4
2	*5300.00	103.9 AV			3.56 V	70	102.5	1.4
3	10600.00	52.1 PK	74.0	-21.9	2.54 V	333	39.0	13.1
4	10600.00	38.2 AV	54.0	-15.8	2.54 V	333	25.1	13.1
5	15900.00	50.8 PK	74.0	-23.2	2.90 V	84	39.3	11.5
6	15900.00	37.6 AV	54.0	-16.4	2.90 V	84	26.1	11.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	112.5 PK			1.73 H	18	111.0	1.5
2	*5320.00	103.6 AV			1.73 H	18	102.1	1.5
3	5350.00	60.5 PK	74.0	-13.5	1.73 H	18	59.0	1.5
4	5350.00	50.3 AV	54.0	-3.7	1.73 H	18	48.8	1.5
5	10640.00	43.9 PK	74.0	-30.1	2.29 H	230	30.7	13.2
6	10640.00	31.3 AV	54.0	-22.7	2.29 H	230	18.1	13.2
7	15960.00	49.6 PK	74.0	-24.4	1.48 H	306	38.1	11.5
8	15960.00	35.6 AV	54.0	-18.4	1.48 H	306	24.1	11.5
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	106.2 PK			3.52 V	92	104.7	1.5
2	*5320.00	98.3 AV			3.52 V	92	96.8	1.5
3	5350.00	54.1 PK	74.0	-19.9	3.52 V	92	52.6	1.5
4	5350.00	43.4 AV	54.0	-10.6	3.52 V	92	41.9	1.5
5	10640.00	51.7 PK	74.0	-22.3	2.54 V	347	38.5	13.2
6	10640.00	37.8 AV	54.0	-16.2	2.54 V	347	24.6	13.2
7	15960.00	50.9 PK	74.0	-23.1	2.93 V	90	39.4	11.5
8	15960.00	37.9 AV	54.0	-16.1	2.93 V	90	26.4	11.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	54.9 PK	74.0	-19.1	1.71 H	18	53.0	1.9
2	5460.00	44.4 AV	54.0	-9.6	1.71 H	18	42.5	1.9
3	#5470.00	63.1 PK	68.2	-5.1	1.71 H	18	61.2	1.9
4	*5500.00	112.2 PK			1.71 H	18	110.3	1.9
5	*5500.00	102.8 AV			1.71 H	18	100.9	1.9
6	11000.00	43.6 PK	74.0	-30.4	2.32 H	204	30.0	13.6
7	11000.00	31.0 AV	54.0	-23.0	2.32 H	204	17.4	13.6
8	#16500.00	49.5 PK	68.2	-18.7	1.48 H	301	35.3	14.2
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	5460.00	56.3 PK	74.0	-17.7	3.56 V	89	54.4	1.9
2	5460.00	46.3 AV	54.0	-7.7	3.56 V	89	44.4	1.9
3	#5470.00	60.6 PK	68.2	-7.6	3.56 V	89	58.7	1.9
4	*5500.00	105.8 PK			3.56 V	89	103.9	1.9
5	*5500.00	98.0 AV			3.56 V	89	96.1	1.9
6	11000.00	52.3 PK	74.0	-21.7	2.59 V	342	38.7	13.6
7	11000.00	38.2 AV	54.0	-15.8	2.59 V	342	24.6	13.6
8	#16500.00	50.9 PK	68.2	-17.3	2.92 V	70	36.7	14.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	118.5 PK			1.71 H	26	116.4	2.1
2	*5580.00	109.8 AV			1.71 H	26	107.7	2.1
3	11160.00	43.8 PK	74.0	-30.2	2.36 H	209	31.1	12.7
4	11160.00	31.2 AV	54.0	-22.8	2.36 H	209	18.5	12.7
5	#16740.00	49.8 PK	68.2	-18.4	1.56 H	303	33.9	15.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	112.3 PK			3.61 V	79	110.2	2.1
2	*5580.00	104.1 AV			3.61 V	79	102.0	2.1
3	11160.00	52.3 PK	74.0	-21.7	2.60 V	326	39.6	12.7
4	11160.00	38.6 AV	54.0	-15.4	2.60 V	326	25.9	12.7
5	#16740.00	50.3 PK	68.2	-17.9	2.87 V	73	34.4	15.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	111.8 PK			1.72 H	18	109.6	2.2
2	*5700.00	102.6 AV			1.72 H	18	100.4	2.2
3	#5725.00	64.3 PK	68.2	-3.9	1.72 H	18	62.1	2.2
4	11400.00	43.7 PK	74.0	-30.3	2.35 H	212	30.2	13.5
5	11400.00	30.9 AV	54.0	-23.1	2.35 H	212	17.4	13.5
6	#17100.00	50.0 PK	68.2	-18.2	1.47 H	296	33.2	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	*5700.00	105.9 PK			3.59 V	84	103.7	2.2
2	*5700.00	98.0 AV			3.59 V	84	95.8	2.2
3	#5725.00	60.6 PK	68.2	-7.6	3.59 V	84	58.4	2.2
4	11400.00	51.5 PK	74.0	-22.5	2.59 V	336	38.0	13.5
5	11400.00	37.8 AV	54.0	-16.2	2.59 V	336	24.3	13.5
6	#17100.00	51.4 PK	68.2	-16.8	2.85 V	82	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	51.1 PK	68.2	-17.1	1.74 H	20	49.2	1.9
2	*5720.00	117.1 PK			1.74 H	20	114.9	2.2
3	*5720.00	108.8 AV			1.74 H	20	106.6	2.2
4	#5850.00	56.0 PK	68.2	-12.2	1.74 H	20	53.4	2.6
5	11440.00	44.3 PK	74.0	-29.7	2.29 H	205	30.6	13.7
6	11440.00	31.6 AV	54.0	-22.4	2.29 H	205	17.9	13.7
7	#17160.00	49.5 PK	68.2	-18.7	1.47 H	294	32.2	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	#5470.00	51.2 PK	68.2	-17.0	3.57 V	69	49.3	1.9
2	*5720.00	112.7 PK			3.57 V	69	110.5	2.2
3	*5720.00	104.3 AV			3.57 V	69	102.1	2.2
4	#5850.00	51.4 PK	68.2	-16.8	3.57 V	69	48.8	2.6
5	11440.00	52.3 PK	74.0	-21.7	2.57 V	343	38.6	13.7
6	11440.00	38.3 AV	54.0	-15.7	2.57 V	343	24.6	13.7
7	#17160.00	50.5 PK	68.2	-17.7	2.92 V	92	33.2	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5580.57	59.8 PK	68.2	-8.4	1.96 H	22	57.7	2.1
2	*5745.00	115.1 PK			1.96 H	22	112.8	2.3
3	*5745.00	106.5 AV			1.96 H	22	104.2	2.3
4	#5972.69	60.5 PK	68.2	-7.7	1.96 H	22	57.6	2.9
5	11490.00	43.7 PK	74.0	-30.3	2.36 H	219	29.6	14.1
6	11490.00	31.2 AV	54.0	-22.8	2.36 H	219	17.1	14.1
7	#17235.00	48.8 PK	68.2	-19.4	1.45 H	295	31.1	17.7
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	#5589.41	58.3 PK	68.2	-9.9	3.60 V	72	56.2	2.1
2	*5745.00	110.6 PK			3.60 V	72	108.3	2.3
3	*5745.00	102.3 AV			3.60 V	72	100.0	2.3
4	#5961.85	59.4 PK	68.2	-8.8	3.60 V	72	56.5	2.9
5	11490.00	51.9 PK	74.0	-22.1	2.48 V	325	37.8	14.1
6	11490.00	38.0 AV	54.0	-16.0	2.48 V	325	23.9	14.1
7	#17235.00	50.4 PK	68.2	-17.8	2.93 V	97	32.7	17.7

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5626.11	59.2 PK	68.2	-9.0	1.83 H	17	57.1	2.1
2	*5785.00	115.3 PK			1.83 H	17	112.9	2.4
3	*5785.00	106.7 AV			1.83 H	17	104.3	2.4
4	#5966.73	60.5 PK	68.2	-7.7	1.83 H	17	57.6	2.9
5	11570.00	44.0 PK	74.0	-30.0	2.29 H	221	29.9	14.1
6	11570.00	31.6 AV	54.0	-22.4	2.29 H	221	17.5	14.1
7	#17355.00	49.9 PK	68.2	-18.3	1.45 H	304	31.6	18.3
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	#5581.60	58.6 PK	68.2	-9.6	3.57 V	68	56.5	2.1
2	*5785.00	111.1 PK			3.57 V	68	108.7	2.4
3	*5785.00	102.2 AV			3.57 V	68	99.8	2.4
4	#5976.72	59.5 PK	68.2	-8.7	3.57 V	68	56.6	2.9
5	11570.00	52.7 PK	74.0	-21.3	2.59 V	337	38.6	14.1
6	11570.00	38.7 AV	54.0	-15.3	2.59 V	337	24.6	14.1
7	#17355.00	50.3 PK	68.2	-17.9	2.92 V	82	32.0	18.3

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5640.03	59.9 PK	68.2	-8.3	1.68 H	19	57.9	2.0
2	*5825.00	116.0 PK			1.68 H	19	113.5	2.5
3	*5825.00	105.1 AV			1.68 H	19	102.6	2.5
4	#5975.88	60.4 PK	68.2	-7.8	1.68 H	19	57.5	2.9
5	11650.00	44.1 PK	74.0	-29.9	2.38 H	215	30.2	13.9
6	11650.00	31.6 AV	54.0	-22.4	2.38 H	215	17.7	13.9
7	#17475.00	49.6 PK	68.2	-18.6	1.48 H	300	30.1	19.5
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	#5630.49	58.2 PK	68.2	-10.0	3.55 V	64	56.2	2.0
2	*5825.00	110.6 PK			3.55 V	64	108.1	2.5
3	*5825.00	102.3 AV			3.55 V	64	99.8	2.5
4	#5945.71	60.0 PK	68.2	-8.2	3.55 V	64	57.2	2.8
5	11650.00	52.8 PK	74.0	-21.2	2.59 V	337	38.9	13.9
6	11650.00	38.6 AV	54.0	-15.4	2.59 V	337	24.7	13.9
7	#17475.00	50.4 PK	68.2	-17.8	2.93 V	71	30.9	19.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ac (VHT20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	63.1 PK	74.0	-10.9	1.73 H	16	61.0	2.1
2	5150.00	50.7 AV	54.0	-3.3	1.73 H	16	48.6	2.1
3	*5180.00	112.1 PK			1.73 H	16	110.3	1.8
4	*5180.00	103.3 AV			1.73 H	16	101.5	1.8
5	#10360.00	43.7 PK	68.2	-24.5	2.37 H	223	31.6	12.1
6	15540.00	50.0 PK	74.0	-24.0	1.46 H	314	37.8	12.2
7	15540.00	36.0 AV	54.0	-18.0	1.46 H	314	23.8	12.2
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	5150.00	54.5 PK	74.0	-19.5	3.62 V	83	52.4	2.1
2	5150.00	44.1 AV	54.0	-9.9	3.62 V	83	42.0	2.1
3	*5180.00	108.0 PK			3.62 V	83	106.2	1.8
4	*5180.00	99.7 AV			3.62 V	83	97.9	1.8
5	#10360.00	52.3 PK	68.2	-15.9	2.55 V	348	40.2	12.1
6	15540.00	51.0 PK	74.0	-23.0	2.87 V	62	38.8	12.2
7	15540.00	37.8 AV	54.0	-16.2	2.87 V	62	25.6	12.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	118.8 PK			1.76 H	27	117.1	1.7
2	*5200.00	109.9 AV			1.76 H	27	108.2	1.7
3	#10400.00	43.3 PK	68.2	-24.9	2.34 H	238	30.9	12.4
4	15600.00	49.5 PK	74.0	-24.5	1.45 H	321	37.5	12.0
5	15600.00	35.8 AV	54.0	-18.2	1.45 H	321	23.8	12.0
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	*5200.00	112.7 PK			3.65 V	71	111.0	1.7
2	*5200.00	104.4 AV			3.65 V	71	102.7	1.7
3	#10400.00	52.1 PK	68.2	-16.1	2.64 V	337	39.7	12.4
4	15600.00	51.0 PK	74.0	-23.0	2.92 V	69	39.0	12.0
5	15600.00	38.1 AV	54.0	-15.9	2.92 V	69	26.1	12.0

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5082.63	57.2 PK	74.0	-16.8	1.70 H	17	55.1	2.1
2	5082.63	48.2 AV	54.0	-5.8	1.70 H	17	46.1	2.1
3	*5240.00	119.2 PK			1.70 H	17	117.8	1.4
4	*5240.00	110.2 AV			1.70 H	17	108.8	1.4
5	5350.00	57.2 PK	74.0	-16.8	1.70 H	17	55.7	1.5
6	5350.00	46.3 AV	54.0	-7.7	1.70 H	17	44.8	1.5
7	5401.00	57.5 PK	74.0	-16.5	1.70 H	17	55.8	1.7
8	5401.00	47.5 AV	54.0	-6.5	1.70 H	17	45.8	1.7
9	#10480.00	43.3 PK	68.2	-24.9	2.40 H	232	30.5	12.8
10	15720.00	49.8 PK	74.0	-24.2	1.49 H	306	38.2	11.6
11	15720.00	36.1 AV	54.0	-17.9	1.49 H	306	24.5	11.6

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	*5240.00	112.4 PK			3.62 V	93	111.0	1.4
2	*5240.00	104.4 AV			3.62 V	93	103.0	1.4
3	5350.00	54.0 PK	74.0	-20.0	3.62 V	93	52.5	1.5
4	5350.00	43.3 AV	54.0	-10.7	3.62 V	93	41.8	1.5
5	#10480.00	51.8 PK	68.2	-16.4	2.63 V	319	39.0	12.8
6	15720.00	50.4 PK	74.0	-23.6	2.92 V	74	38.8	11.6
7	15720.00	37.7 AV	54.0	-16.3	2.92 V	74	26.1	11.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5102.32	53.4 PK	74.0	-20.6	1.76 H	17	51.2	2.2
2	5102.32	42.6 AV	54.0	-11.4	1.76 H	17	40.4	2.2
3	5150.00	55.3 PK	74.0	-18.7	1.76 H	17	53.2	2.1
4	5150.00	45.2 AV	54.0	-8.8	1.76 H	17	43.1	2.1
5	*5260.00	118.0 PK			1.76 H	17	116.7	1.3
6	*5260.00	109.4 AV			1.76 H	17	108.1	1.3
7	5364.32	56.7 PK	74.0	-17.3	1.76 H	17	55.2	1.5
8	5364.32	46.6 AV	54.0	-7.4	1.76 H	17	45.1	1.5
9	#10520.00	43.8 PK	68.2	-24.4	2.31 H	219	31.0	12.8
10	15780.00	50.1 PK	74.0	-23.9	1.44 H	315	38.4	11.7
11	15780.00	36.1 AV	54.0	-17.9	1.44 H	315	24.4	11.7

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	53.8 PK	74.0	-20.2	3.61 V	82	51.7	2.1
2	5150.00	43.1 AV	54.0	-10.9	3.61 V	82	41.0	2.1
3	*5260.00	112.0 PK			3.61 V	82	110.7	1.3
4	*5260.00	104.1 AV			3.61 V	82	102.8	1.3
5	#10520.00	52.8 PK	68.2	-15.4	2.62 V	354	40.0	12.8
6	15780.00	50.4 PK	74.0	-23.6	2.94 V	65	38.7	11.7
7	15780.00	37.4 AV	54.0	-16.6	2.94 V	65	25.7	11.7

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	118.6 PK			1.77 H	23	117.2	1.4
2	*5300.00	110.2 AV			1.77 H	23	108.8	1.4
3	10600.00	43.7 PK	74.0	-30.3	2.27 H	216	30.6	13.1
4	10600.00	31.1 AV	54.0	-22.9	2.27 H	216	18.0	13.1
5	15900.00	49.5 PK	74.0	-24.5	1.56 H	325	38.0	11.5
6	15900.00	35.6 AV	54.0	-18.4	1.56 H	325	24.1	11.5
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	*5300.00	111.4 PK			3.52 V	62	110.0	1.4
2	*5300.00	103.5 AV			3.52 V	62	102.1	1.4
3	10600.00	51.8 PK	74.0	-22.2	2.52 V	332	38.7	13.1
4	10600.00	38.2 AV	54.0	-15.8	2.52 V	332	25.1	13.1
5	15900.00	51.1 PK	74.0	-22.9	2.88 V	69	39.6	11.5
6	15900.00	37.8 AV	54.0	-16.2	2.88 V	69	26.3	11.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	111.8 PK			1.72 H	18	110.3	1.5
2	*5320.00	103.1 AV			1.72 H	18	101.6	1.5
3	5350.00	62.9 PK	74.0	-11.1	1.72 H	18	61.4	1.5
4	5350.00	50.7 AV	54.0	-3.3	1.72 H	18	49.2	1.5
5	10640.00	43.7 PK	74.0	-30.3	2.37 H	217	30.5	13.2
6	10640.00	31.1 AV	54.0	-22.9	2.37 H	217	17.9	13.2
7	15960.00	50.3 PK	74.0	-23.7	1.42 H	325	38.8	11.5
8	15960.00	36.1 AV	54.0	-17.9	1.42 H	325	24.6	11.5
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	106.2 PK			3.53 V	82	104.7	1.5
2	*5320.00	98.2 AV			3.53 V	82	96.7	1.5
3	5350.00	54.6 PK	74.0	-19.4	3.53 V	82	53.1	1.5
4	5350.00	43.7 AV	54.0	-10.3	3.53 V	82	42.2	1.5
5	10640.00	51.5 PK	74.0	-22.5	2.54 V	347	38.3	13.2
6	10640.00	37.8 AV	54.0	-16.2	2.54 V	347	24.6	13.2
7	15960.00	50.6 PK	74.0	-23.4	2.88 V	86	39.1	11.5
8	15960.00	37.5 AV	54.0	-16.5	2.88 V	86	26.0	11.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	55.0 PK	74.0	-19.0	1.71 H	17	53.1	1.9
2	5460.00	44.6 AV	54.0	-9.4	1.71 H	17	42.7	1.9
3	#5470.00	65.0 PK	68.2	-3.2	1.71 H	17	63.1	1.9
4	*5500.00	110.4 PK			1.71 H	17	108.5	1.9
5	*5500.00	102.3 AV			1.71 H	17	100.4	1.9
6	11000.00	43.2 PK	74.0	-30.8	2.36 H	219	29.6	13.6
7	11000.00	30.7 AV	54.0	-23.3	2.36 H	219	17.1	13.6
8	#16500.00	50.3 PK	68.2	-17.9	1.47 H	314	36.1	14.2
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	5460.00	54.3 PK	74.0	-19.7	3.57 V	90	52.4	1.9
2	5460.00	42.3 AV	54.0	-11.7	3.57 V	90	40.4	1.9
3	#5470.00	60.9 PK	68.2	-7.3	3.57 V	90	59.0	1.9
4	*5500.00	105.6 PK			3.57 V	90	103.7	1.9
5	*5500.00	98.0 AV			3.57 V	90	96.1	1.9
6	11000.00	52.3 PK	74.0	-21.7	2.64 V	328	38.7	13.6
7	11000.00	38.3 AV	54.0	-15.7	2.64 V	328	24.7	13.6
8	#16500.00	50.8 PK	68.2	-17.4	2.88 V	56	36.6	14.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	119.1 PK			1.67 H	16	117.0	2.1
2	*5580.00	110.2 AV			1.67 H	16	108.1	2.1
3	11160.00	43.6 PK	74.0	-30.4	2.33 H	212	30.9	12.7
4	11160.00	30.8 AV	54.0	-23.2	2.33 H	212	18.1	12.7
5	#16740.00	49.6 PK	68.2	-18.6	1.62 H	292	33.7	15.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	112.4 PK			3.61 V	73	110.3	2.1
2	*5580.00	104.1 AV			3.61 V	73	102.0	2.1
3	11160.00	52.6 PK	74.0	-21.4	2.61 V	335	39.9	12.7
4	11160.00	38.6 AV	54.0	-15.4	2.61 V	335	25.9	12.7
5	#16740.00	49.9 PK	68.2	-18.3	2.82 V	65	34.0	15.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	111.0 PK			1.72 H	17	108.8	2.2
2	*5700.00	102.3 AV			1.72 H	17	100.1	2.2
3	#5725.00	64.2 PK	68.2	-4.0	1.72 H	17	62.0	2.2
4	11400.00	43.2 PK	74.0	-30.8	2.43 H	219	29.7	13.5
5	11400.00	30.7 AV	54.0	-23.3	2.43 H	219	17.2	13.5
6	#17100.00	50.6 PK	68.2	-17.6	1.40 H	310	33.8	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	*5700.00	105.6 PK			3.62 V	73	103.4	2.2
2	*5700.00	97.6 AV			3.62 V	73	95.4	2.2
3	#5725.00	61.1 PK	68.2	-7.1	3.62 V	73	58.9	2.2
4	11400.00	52.0 PK	74.0	-22.0	2.53 V	321	38.5	13.5
5	11400.00	38.2 AV	54.0	-15.8	2.53 V	321	24.7	13.5
6	#17100.00	51.7 PK	68.2	-16.5	2.91 V	79	34.9	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	50.8 PK	74.0	-23.2	1.75 H	18	48.9	1.9
2	5460.00	40.0 AV	54.0	-14.0	1.75 H	18	38.1	1.9
3	#5470.00	51.4 PK	68.2	-16.8	1.75 H	18	49.5	1.9
4	*5720.00	117.0 PK			1.75 H	18	114.8	2.2
5	*5720.00	109.0 AV			1.75 H	18	106.8	2.2
6	#5850.00	56.8 PK	68.2	-11.4	1.75 H	18	54.2	2.6
7	11440.00	44.4 PK	74.0	-29.6	2.36 H	216	30.7	13.7
8	11440.00	31.6 AV	54.0	-22.4	2.36 H	216	17.9	13.7
9	#17160.00	49.6 PK	68.2	-18.6	1.52 H	299	32.3	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	#5470.00	51.7 PK	68.2	-16.5	3.56 V	75	49.8	1.9
2	*5720.00	112.7 PK			3.56 V	75	110.5	2.2
3	*5720.00	104.3 AV			3.56 V	75	102.1	2.2
4	#5850.00	51.4 PK	68.2	-16.8	3.56 V	75	48.8	2.6
5	11440.00	52.8 PK	74.0	-21.2	2.54 V	337	39.1	13.7
6	11440.00	38.7 AV	54.0	-15.3	2.54 V	337	25.0	13.7
7	#17160.00	51.1 PK	68.2	-17.1	2.95 V	105	33.8	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5577.50	60.7 PK	68.2	-7.5	1.84 H	24	58.6	2.1
2	*5745.00	115.3 PK			1.81 H	20	113.0	2.3
3	*5745.00	106.5 AV			1.81 H	20	104.2	2.3
4	#5956.74	61.8 PK	68.2	-6.4	1.84 H	24	58.9	2.9
5	11490.00	43.2 PK	74.0	-30.8	2.40 H	233	29.1	14.1
6	11490.00	30.7 AV	54.0	-23.3	2.40 H	233	16.6	14.1
7	#17235.00	50.1 PK	68.2	-18.1	1.52 H	327	32.4	17.7
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	#5573.85	59.2 PK	68.2	-9.0	3.56 V	97	57.1	2.1
2	*5745.00	109.6 PK			3.56 V	97	107.3	2.3
3	*5745.00	101.4 AV			3.56 V	97	99.1	2.3
4	#6011.33	60.1 PK	68.2	-8.1	3.56 V	97	57.2	2.9
5	11490.00	52.1 PK	74.0	-21.9	2.59 V	324	38.0	14.1
6	11490.00	38.3 AV	54.0	-15.7	2.59 V	324	24.2	14.1
7	#17235.00	50.8 PK	68.2	-17.4	2.96 V	118	33.1	17.7

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5616.54	59.9 PK	68.2	-8.3	1.51 H	22	57.8	2.1
2	*5785.00	114.7 PK			1.51 H	22	112.3	2.4
3	*5785.00	106.9 AV			1.51 H	22	104.5	2.4
4	#5939.97	61.1 PK	68.2	-7.1	1.51 H	22	58.3	2.8
5	11570.00	44.1 PK	74.0	-29.9	2.35 H	237	30.0	14.1
6	11570.00	31.5 AV	54.0	-22.5	2.35 H	237	17.4	14.1
7	#17355.00	49.7 PK	68.2	-18.5	1.50 H	320	31.4	18.3
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	#5567.17	59.9 PK	68.2	-8.3	3.57 V	69	57.8	2.1
2	*5785.00	110.5 PK			3.57 V	69	108.1	2.4
3	*5785.00	102.2 AV			3.57 V	69	99.8	2.4
4	#5969.08	60.0 PK	68.2	-8.2	3.57 V	69	57.1	2.9
5	11570.00	53.5 PK	74.0	-20.5	2.48 V	348	39.4	14.1
6	11570.00	39.1 AV	54.0	-14.9	2.48 V	348	25.0	14.1
7	#17355.00	50.7 PK	68.2	-17.5	2.92 V	100	32.4	18.3

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5569.61	58.5 PK	68.2	-9.7	1.66 H	19	56.4	2.1
2	*5825.00	115.6 PK			1.66 H	19	113.1	2.5
3	*5825.00	106.8 AV			1.66 H	19	104.3	2.5
4	#5982.24	60.9 PK	68.2	-7.3	1.66 H	19	58.0	2.9
5	11650.00	43.8 PK	74.0	-30.2	2.40 H	217	29.9	13.9
6	11650.00	31.3 AV	54.0	-22.7	2.40 H	217	17.4	13.9
7	#17475.00	50.1 PK	68.2	-18.1	1.51 H	304	30.6	19.5
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	#5599.80	58.5 PK	68.2	-9.7	3.36 V	65	56.4	2.1
2	*5825.00	109.5 PK			3.36 V	65	107.0	2.5
3	*5825.00	101.3 AV			3.36 V	65	98.8	2.5
4	#5946.69	61.8 PK	68.2	-6.4	3.36 V	65	58.9	2.9
5	11650.00	52.4 PK	74.0	-21.6	2.57 V	346	38.5	13.9
6	11650.00	38.5 AV	54.0	-15.5	2.57 V	346	24.6	13.9
7	#17475.00	51.3 PK	68.2	-16.9	2.97 V	96	31.8	19.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ac (VHT40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	58.2 PK	74.0	-15.8	1.72 H	16	56.1	2.1
2	5150.00	50.1 AV	54.0	-3.9	1.72 H	16	48.0	2.1
3	*5190.00	105.1 PK			1.72 H	16	103.3	1.8
4	*5190.00	96.9 AV			1.72 H	16	95.1	1.8
5	5350.00	51.9 PK	74.0	-22.1	1.72 H	16	50.4	1.5
6	5350.00	44.6 AV	54.0	-9.4	1.72 H	16	43.1	1.5
7	#10380.00	43.3 PK	68.2	-24.9	2.39 H	219	31.0	12.3
8	15570.00	50.2 PK	74.0	-23.8	1.56 H	314	38.0	12.2
9	15570.00	36.4 AV	54.0	-17.6	1.56 H	314	24.2	12.2
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	5150.00	54.9 PK	74.0	-19.1	3.39 V	58	52.8	2.1
2	5150.00	45.8 AV	54.0	-8.2	3.39 V	58	43.7	2.1
3	*5190.00	99.6 PK			3.39 V	58	97.8	1.8
4	*5190.00	91.3 AV			3.39 V	58	89.5	1.8
5	#10380.00	52.1 PK	68.2	-16.1	2.55 V	348	39.8	12.3
6	15570.00	51.2 PK	74.0	-22.8	3.02 V	83	39.0	12.2
7	15570.00	38.0 AV	54.0	-16.0	3.02 V	83	25.8	12.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	59.5 PK	74.0	-14.5	1.86 H	17	57.4	2.1
2	5150.00	49.4 AV	54.0	-4.6	1.86 H	17	47.3	2.1
3	*5230.00	112.5 PK			1.86 H	17	111.0	1.5
4	*5230.00	104.7 AV			1.86 H	17	103.2	1.5
5	5350.00	55.1 PK	74.0	-18.9	1.86 H	17	53.6	1.5
6	5350.00	45.3 AV	54.0	-8.7	1.86 H	17	43.8	1.5
7	5389.99	55.4 PK	74.0	-18.6	1.86 H	17	53.8	1.6
8	5389.99	46.0 AV	54.0	-8.0	1.86 H	17	44.4	1.6
9	#10460.00	44.0 PK	68.2	-24.2	2.40 H	229	31.3	12.7
10	15690.00	50.4 PK	74.0	-23.6	1.47 H	298	38.8	11.6
11	15690.00	36.6 AV	54.0	-17.4	1.47 H	298	25.0	11.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	55.5 PK	74.0	-18.5	3.39 V	45	53.4	2.1
2	5150.00	46.2 AV	54.0	-7.8	3.39 V	45	44.1	2.1
3	*5230.00	107.6 PK			3.39 V	45	106.1	1.5
4	*5230.00	99.5 AV			3.39 V	45	98.0	1.5
5	5350.00	55.7 PK	74.0	-18.3	3.39 V	45	54.2	1.5
6	5350.00	46.5 AV	54.0	-7.5	3.39 V	45	45.0	1.5
7	#10460.00	51.7 PK	68.2	-16.5	2.57 V	348	39.0	12.7
8	15690.00	50.9 PK	74.0	-23.1	3.08 V	95	39.3	11.6
9	15690.00	37.7 AV	54.0	-16.3	3.08 V	95	26.1	11.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	53.0 PK	74.0	-21.0	1.76 H	20	50.9	2.1
2	5150.00	43.1 AV	54.0	-10.9	1.76 H	20	41.0	2.1
3	*5270.00	111.5 PK			1.76 H	20	110.2	1.3
4	*5270.00	104.0 AV			1.76 H	20	102.7	1.3
5	5350.00	65.0 PK	74.0	-9.0	1.76 H	20	63.5	1.5
6	5350.00	50.4 AV	54.0	-3.6	1.76 H	20	48.9	1.5
7	#10540.00	43.6 PK	68.2	-24.6	2.34 H	215	30.7	12.9
8	15810.00	50.1 PK	74.0	-23.9	1.50 H	310	38.4	11.7
9	15810.00	36.4 AV	54.0	-17.6	1.50 H	310	24.7	11.7

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	52.3 PK	74.0	-21.7	3.43 V	61	50.2	2.1
2	5150.00	42.3 AV	54.0	-11.7	3.43 V	61	40.2	2.1
3	*5270.00	107.3 PK			3.43 V	61	106.0	1.3
4	*5270.00	99.3 AV			3.43 V	61	98.0	1.3
5	5350.00	56.3 PK	74.0	-17.7	3.43 V	61	54.8	1.5
6	5350.00	46.7 AV	54.0	-7.3	3.43 V	61	45.2	1.5
7	#10540.00	52.2 PK	68.2	-16.0	2.60 V	358	39.3	12.9
8	15810.00	50.4 PK	74.0	-23.6	3.12 V	91	38.7	11.7
9	15810.00	37.3 AV	54.0	-16.7	3.12 V	91	25.6	11.7

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	104.6 PK			1.71 H	16	103.2	1.4
2	*5310.00	97.1 AV			1.71 H	16	95.7	1.4
3	5350.00	60.9 PK	74.0	-13.1	1.71 H	16	59.4	1.5
4	5350.00	50.9 AV	54.0	-3.1	1.71 H	16	49.4	1.5
5	10620.00	43.9 PK	74.0	-30.1	2.40 H	216	30.8	13.1
6	10620.00	31.5 AV	54.0	-22.5	2.40 H	216	18.4	13.1
7	15930.00	50.1 PK	74.0	-23.9	1.56 H	305	38.6	11.5
8	15930.00	36.3 AV	54.0	-17.7	1.56 H	305	24.8	11.5
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	*5310.00	100.6 PK			3.43 V	69	99.2	1.4
2	*5310.00	92.1 AV			3.43 V	69	90.7	1.4
3	5350.00	55.5 PK	74.0	-18.5	3.43 V	69	54.0	1.5
4	5350.00	46.2 AV	54.0	-7.8	3.43 V	69	44.7	1.5
5	10620.00	52.0 PK	74.0	-22.0	2.52 V	360	38.9	13.1
6	10620.00	38.2 AV	54.0	-15.8	2.52 V	360	25.1	13.1
7	15930.00	51.2 PK	74.0	-22.8	3.01 V	96	39.7	11.5
8	15930.00	37.7 AV	54.0	-16.3	3.01 V	96	26.2	11.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	59.5 PK	74.0	-14.5	1.75 H	19	57.6	1.9
2	5460.00	49.2 AV	54.0	-4.8	1.75 H	19	47.3	1.9
3	#5470.00	64.8 PK	68.2	-3.4	1.75 H	19	62.9	1.9
4	*5510.00	106.1 PK			1.75 H	19	104.2	1.9
5	*5510.00	98.4 AV			1.75 H	19	96.5	1.9
6	11020.00	44.1 PK	74.0	-29.9	2.35 H	206	30.7	13.4
7	11020.00	31.4 AV	54.0	-22.6	2.35 H	206	18.0	13.4
8	#16530.00	50.1 PK	68.2	-18.1	1.52 H	299	35.6	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	55.6 PK	74.0	-18.4	3.45 V	79	53.7	1.9
2	5460.00	46.6 AV	54.0	-7.4	3.45 V	79	44.7	1.9
3	#5470.00	60.2 PK	68.2	-8.0	3.45 V	79	58.3	1.9
4	*5510.00	100.8 PK			3.45 V	79	98.9	1.9
5	*5510.00	92.3 AV			3.45 V	79	90.4	1.9
6	11020.00	52.2 PK	74.0	-21.8	2.46 V	360	38.8	13.4
7	11020.00	38.7 AV	54.0	-15.3	2.46 V	360	25.3	13.4
8	#16530.00	51.7 PK	68.2	-16.5	3.02 V	82	37.2	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	58.0 PK	74.0	-16.0	1.78 H	26	56.1	1.9
2	5460.00	45.9 AV	54.0	-8.1	1.78 H	26	44.0	1.9
3	#5470.00	63.9 PK	68.2	-4.3	1.78 H	26	62.0	1.9
4	*5550.00	109.2 PK			1.78 H	26	107.2	2.0
5	*5550.00	100.4 AV			1.78 H	26	98.4	2.0
6	11100.00	44.0 PK	74.0	-30.0	2.38 H	213	31.1	12.9
7	11100.00	31.6 AV	54.0	-22.4	2.38 H	213	18.7	12.9
8	#16650.00	50.4 PK	68.2	-17.8	1.49 H	308	35.2	15.2
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	5460.00	55.9 PK	74.0	-18.1	3.50 V	65	54.0	1.9
2	5460.00	46.6 AV	54.0	-7.4	3.50 V	65	44.7	1.9
3	#5470.00	60.0 PK	68.2	-8.2	3.50 V	65	58.1	1.9
4	*5550.00	103.4 PK			3.50 V	65	101.4	2.0
5	*5550.00	94.8 AV			3.50 V	65	92.8	2.0
6	11100.00	52.0 PK	74.0	-22.0	2.45 V	360	39.1	12.9
7	11100.00	38.8 AV	54.0	-15.2	2.45 V	360	25.9	12.9
8	#16650.00	51.3 PK	68.2	-16.9	3.02 V	97	36.1	15.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	108.5 PK			1.76 H	16	106.4	2.1
2	*5670.00	100.3 AV			1.76 H	16	98.2	2.1
3	#5725.00	64.7 PK	68.2	-3.5	1.76 H	16	62.5	2.2
4	11340.00	44.4 PK	74.0	-29.6	2.35 H	215	31.4	13.0
5	11340.00	31.7 AV	54.0	-22.3	2.35 H	215	18.7	13.0
6	#17010.00	50.1 PK	68.2	-18.1	1.46 H	298	33.2	16.9
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	*5670.00	102.8 PK			3.50 V	80	100.7	2.1
2	*5670.00	94.4 AV			3.50 V	80	92.3	2.1
3	#5725.00	60.0 PK	68.2	-8.2	3.50 V	80	57.8	2.2
4	11340.00	52.2 PK	74.0	-21.8	2.51 V	360	39.2	13.0
5	11340.00	38.9 AV	54.0	-15.1	2.51 V	360	25.9	13.0
6	#17010.00	51.7 PK	68.2	-16.5	3.02 V	96	34.8	16.9

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	51.0 PK	74.0	-23.0	1.75 H	17	49.1	1.9
2	5460.00	40.5 AV	54.0	-13.5	1.75 H	17	38.6	1.9
3	#5470.00	51.4 PK	68.2	-16.8	1.75 H	17	49.5	1.9
4	*5710.00	110.6 PK			1.75 H	17	108.4	2.2
5	*5710.00	103.4 AV			1.75 H	17	101.2	2.2
6	#5850.00	62.8 PK	68.2	-5.4	1.75 H	17	60.2	2.6
7	11420.00	44.1 PK	74.0	-29.9	2.36 H	232	30.5	13.6
8	11420.00	31.4 AV	54.0	-22.6	2.36 H	232	17.8	13.6
9	#17130.00	50.2 PK	68.2	-18.0	1.48 H	302	33.1	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	#5470.00	52.2 PK	68.2	-16.0	3.36 V	87	50.3	1.9
2	*5710.00	106.1 PK			3.36 V	87	103.9	2.2
3	*5710.00	98.8 AV			3.36 V	87	96.6	2.2
4	#5850.00	61.0 PK	68.2	-7.2	3.36 V	87	58.4	2.6
5	11420.00	52.2 PK	74.0	-21.8	2.49 V	360	38.6	13.6
6	11420.00	38.7 AV	54.0	-15.3	2.49 V	360	25.1	13.6
7	#17130.00	51.8 PK	68.2	-16.4	3.02 V	93	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.51	61.3 PK	68.2	-6.9	1.66 H	23	59.3	2.0
2	*5755.00	111.9 PK			1.66 H	23	109.6	2.3
3	*5755.00	103.7 AV			1.66 H	23	101.4	2.3
4	#5934.93	63.5 PK	68.2	-4.7	1.66 H	23	60.7	2.8
5	11510.00	44.1 PK	74.0	-29.9	2.36 H	218	30.0	14.1
6	11510.00	31.7 AV	54.0	-22.3	2.36 H	218	17.6	14.1
7	#17265.00	49.5 PK	68.2	-18.7	1.50 H	317	31.7	17.8
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	#5623.06	58.8 PK	68.2	-9.4	3.41 V	69	56.7	2.1
2	*5755.00	106.2 PK			3.41 V	69	103.9	2.3
3	*5755.00	98.6 AV			3.41 V	69	96.3	2.3
4	#6001.20	60.2 PK	68.2	-8.0	3.41 V	39	57.3	2.9
5	11510.00	52.2 PK	74.0	-21.8	2.44 V	360	38.1	14.1
6	11510.00	38.8 AV	54.0	-15.2	2.44 V	360	24.7	14.1
7	#17265.00	51.4 PK	68.2	-16.8	3.06 V	107	33.6	17.8

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5641.53	59.2 PK	68.2	-9.0	1.60 H	26	57.2	2.0
2	*5795.00	111.6 PK			1.60 H	26	109.1	2.5
3	*5795.00	103.3 AV			1.60 H	26	100.8	2.5
4	#5928.28	63.7 PK	68.2	-4.5	1.60 H	26	61.0	2.7
5	11590.00	43.5 PK	74.0	-30.5	2.43 H	207	29.4	14.1
6	11590.00	30.9 AV	54.0	-23.1	2.43 H	207	16.8	14.1
7	#17385.00	50.1 PK	68.2	-18.1	1.56 H	289	31.6	18.5
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	#5611.99	58.1 PK	68.2	-10.1	3.73 V	70	56.0	2.1
2	*5795.00	105.8 PK			3.73 V	70	103.3	2.5
3	*5795.00	98.2 AV			3.73 V	70	95.7	2.5
4	#5926.68	60.0 PK	68.2	-8.2	3.73 V	70	57.3	2.7
5	11590.00	51.8 PK	74.0	-22.2	2.49 V	353	37.7	14.1
6	11590.00	38.5 AV	54.0	-15.5	2.49 V	353	24.4	14.1
7	#17385.00	51.3 PK	68.2	-16.9	3.06 V	94	32.8	18.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ac (VHT80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	59.3 PK	74.0	-14.7	1.77 H	18	57.2	2.1
2	5150.00	51.0 AV	54.0	-3.0	1.77 H	18	48.9	2.1
3	*5210.00	101.2 PK			1.77 H	18	99.6	1.6
4	*5210.00	93.9 AV			1.77 H	18	92.3	1.6
5	5350.00	51.9 PK	74.0	-22.1	1.77 H	18	50.4	1.5
6	5350.00	42.6 AV	54.0	-11.4	1.77 H	18	41.1	1.5
7	#10420.00	44.2 PK	68.2	-24.0	2.36 H	216	31.8	12.4
8	15630.00	49.6 PK	74.0	-24.4	1.47 H	312	37.8	11.8
9	15630.00	36.1 AV	54.0	-17.9	1.47 H	312	24.3	11.8
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	54.9 PK	74.0	-19.1	3.66 V	68	52.8	2.1
2	5150.00	46.2 AV	54.0	-7.8	3.66 V	68	44.1	2.1
3	*5210.00	94.4 PK			3.66 V	68	92.8	1.6
4	*5210.00	88.2 AV			3.66 V	68	86.6	1.6
5	5350.00	52.3 PK	74.0	-21.7	3.66 V	68	50.8	1.5
6	5350.00	41.3 AV	54.0	-12.7	3.66 V	68	39.8	1.5
7	#10420.00	51.8 PK	68.2	-16.4	2.46 V	360	39.4	12.4
8	15630.00	50.6 PK	74.0	-23.4	2.94 V	68	38.8	11.8
9	15630.00	37.5 AV	54.0	-16.5	2.94 V	68	25.7	11.8

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	51.4 PK	74.0	-22.6	1.85 H	19	49.3	2.1
2	5150.00	44.8 AV	54.0	-9.2	1.85 H	19	42.7	2.1
3	*5290.00	102.4 PK			1.85 H	19	101.0	1.4
4	*5290.00	94.4 AV			1.85 H	19	93.0	1.4
5	5350.00	61.5 PK	74.0	-12.5	1.85 H	19	60.0	1.5
6	5350.00	50.5 AV	54.0	-3.5	1.85 H	19	49.0	1.5
7	#10580.00	44.1 PK	68.2	-24.1	2.37 H	221	31.2	12.9
8	15870.00	49.6 PK	74.0	-24.4	1.48 H	304	38.0	11.6
9	15870.00	35.9 AV	54.0	-18.1	1.48 H	304	24.3	11.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	50.4 PK	74.0	-23.6	3.69 V	57	48.3	2.1
2	5150.00	43.2 AV	54.0	-10.8	3.69 V	57	41.1	2.1
3	*5290.00	93.5 PK			3.69 V	57	92.1	1.4
4	*5290.00	87.8 AV			3.69 V	57	86.4	1.4
5	5350.00	55.0 PK	74.0	-19.0	3.69 V	57	53.5	1.5
6	5350.00	46.4 AV	54.0	-7.6	3.69 V	57	44.9	1.5
7	#10580.00	51.7 PK	68.2	-16.5	2.48 V	360	38.8	12.9
8	15870.00	50.7 PK	74.0	-23.3	2.98 V	68	39.1	11.6
9	15870.00	37.6 AV	54.0	-16.4	2.98 V	68	26.0	11.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	60.8 PK	74.0	-13.2	1.85 H	19	58.9	1.9
2	5460.00	51.0 AV	54.0	-3.0	1.85 H	19	49.1	1.9
3	#5470.00	64.7 PK	68.2	-3.5	1.85 H	19	62.8	1.9
4	*5530.00	101.8 PK			1.85 H	19	99.8	2.0
5	*5530.00	93.9 AV			1.85 H	19	91.9	2.0
6	#5725.00	54.3 PK	68.2	-13.9	1.85 H	19	52.1	2.2
7	11060.00	43.3 PK	74.0	-30.7	2.41 H	210	30.1	13.2
8	11060.00	31.0 AV	54.0	-23.0	2.41 H	210	17.8	13.2
9	#16590.00	49.6 PK	68.2	-18.6	1.49 H	300	34.8	14.8

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	5460.00	55.5 PK	74.0	-18.5	3.67 V	67	53.6	1.9
2	5460.00	46.7 AV	54.0	-7.3	3.67 V	67	44.8	1.9
3	#5470.00	60.3 PK	68.2	-7.9	3.67 V	67	58.4	1.9
4	*5530.00	93.9 PK			3.67 V	67	91.9	2.0
5	*5530.00	88.0 AV			3.67 V	67	86.0	2.0
6	#5725.00	55.6 PK	68.2	-12.6	3.67 V	67	53.4	2.2
7	11060.00	52.9 PK	74.0	-21.1	2.52 V	360	39.7	13.2
8	11060.00	39.4 AV	54.0	-14.6	2.52 V	360	26.2	13.2
9	#16590.00	53.0 PK	68.2	-15.2	2.97 V	82	38.2	14.8

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	106.8 PK			1.74 H	19	104.7	2.1
2	*5610.00	98.6 AV			1.74 H	19	96.5	2.1
3	#5725.00	64.9 PK	68.2	-3.3	1.74 H	19	62.7	2.2
4	11220.00	44.1 PK	74.0	-29.9	2.36 H	226	31.5	12.6
5	11220.00	31.7 AV	54.0	-22.3	2.36 H	226	19.1	12.6
6	#16830.00	50.4 PK	68.2	-17.8	1.46 H	290	34.1	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	*5610.00	99.3 PK			3.61 V	66	97.2	2.1
2	*5610.00	93.0 AV			3.61 V	66	90.9	2.1
3	#5725.00	59.9 PK	68.2	-8.3	3.61 V	66	57.7	2.2
4	11220.00	52.7 PK	74.0	-21.3	2.55 V	360	40.1	12.6
5	11220.00	39.4 AV	54.0	-14.6	2.55 V	360	26.8	12.6
6	#16830.00	52.9 PK	68.2	-15.3	2.99 V	77	36.6	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	53.0 PK	68.2	-15.2	1.69 H	17	51.1	1.9
2	*5690.00	109.0 PK			1.69 H	17	106.9	2.1
3	*5690.00	101.0 AV			1.69 H	17	98.9	2.1
4	#5850.00	64.5 PK	68.2	-3.7	1.69 H	17	61.9	2.6
5	11380.00	43.4 PK	74.0	-30.6	2.41 H	221	30.1	13.3
6	11380.00	30.9 AV	54.0	-23.1	2.41 H	221	17.6	13.3
7	#17070.00	49.8 PK	68.2	-18.4	1.48 H	319	32.9	16.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	52.3 PK	68.2	-15.9	3.60 V	68	50.4	1.9
2	*5690.00	101.8 PK			3.60 V	68	99.7	2.1
3	*5690.00	95.4 AV			3.60 V	68	93.3	2.1
4	#5850.00	60.5 PK	68.2	-7.7	3.60 V	68	57.9	2.6
5	11380.00	52.5 PK	74.0	-21.5	2.58 V	360	39.2	13.3
6	11380.00	39.1 AV	54.0	-14.9	2.58 V	360	25.8	13.3
7	#17070.00	52.6 PK	68.2	-15.6	2.95 V	89	35.7	16.9

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5635.26	64.5 PK	68.2	-3.7	1.69 H	14	62.5	2.0
2	*5775.00	107.5 PK			1.69 H	14	105.1	2.4
3	*5775.00	98.2 AV			1.69 H	14	95.8	2.4
4	#5939.98	62.4 PK	68.2	-5.8	1.69 H	14	59.6	2.8
5	11550.00	43.5 PK	74.0	-30.5	2.39 H	201	29.3	14.2
6	11550.00	31.1 AV	54.0	-22.9	2.39 H	201	16.9	14.2
7	#17325.00	50.3 PK	68.2	-17.9	1.54 H	308	32.2	18.1
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	#5642.79	59.3 PK	68.2	-8.9	3.56 V	69	57.3	2.0
2	*5775.00	99.9 PK			3.56 V	69	97.5	2.4
3	*5775.00	92.4 AV			3.56 V	69	90.0	2.4
4	#5930.18	61.5 PK	68.2	-6.7	3.56 V	69	58.8	2.7
5	11550.00	52.3 PK	74.0	-21.7	2.53 V	360	38.1	14.2
6	11550.00	38.8 AV	54.0	-15.2	2.53 V	360	24.6	14.2
7	#17325.00	52.1 PK	68.2	-16.1	2.97 V	99	34.0	18.1

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Below 1GHz Data:

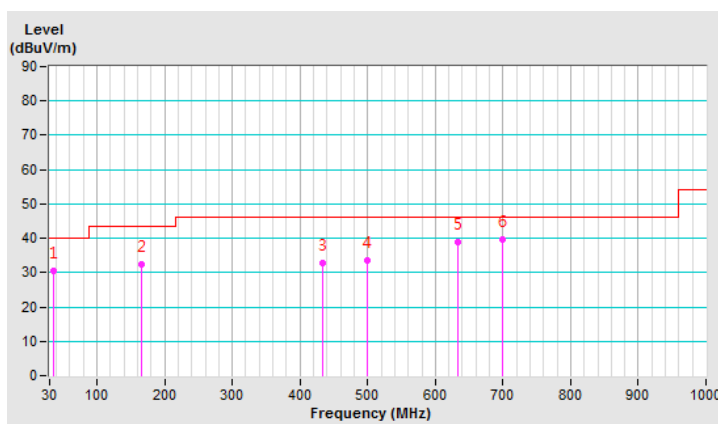
802.11ac (VHT20)

CHANNEL	TX Channel 116	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	35.29	30.6 QP	40.0	-9.4	2.00 H	0	49.7	-19.1
2	166.67	32.5 QP	43.5	-11.0	2.00 H	88	50.8	-18.3
3	433.33	32.8 QP	46.0	-13.2	1.00 H	78	46.8	-14.0
4	500.01	33.4 QP	46.0	-12.6	2.00 H	256	46.2	-12.8
5	633.34	38.9 QP	46.0	-7.1	3.00 H	267	48.9	-10.0
6	700.00	39.5 QP	46.0	-6.5	1.00 H	264	48.5	-9.0

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. 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.

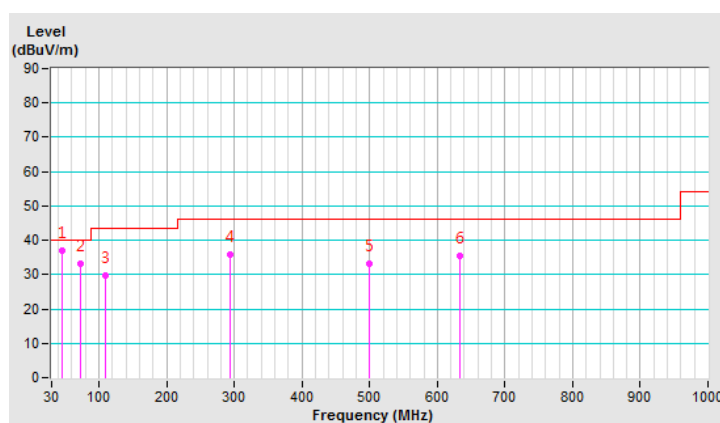


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

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	45.11	36.9 QP	40.0	-3.1	1.00 V	187	55.0	-18.1
2	73.58	33.3 QP	40.0	-6.7	1.00 V	246	54.5	-21.2
3	109.39	29.6 QP	43.5	-13.9	2.00 V	360	50.5	-20.9
4	294.42	35.9 QP	46.0	-10.1	2.00 V	360	53.4	-17.5
5	500.01	33.0 QP	46.0	-13.0	2.00 V	12	45.8	-12.8
6	633.32	35.5 QP	46.0	-10.5	2.00 V	360	45.5	-10.0

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. 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.



For internal Ant. No.: 1 (Chain 1) PCB antenna (Model: SNPRC-1950)

Above 1GHz Data:

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	53.9 PK	74.0	-20.1	3.67 H	76	51.8	2.1
2	5150.00	43.4 AV	54.0	-10.6	3.67 H	76	41.3	2.1
3	*5180.00	107.6 PK			3.63 H	88	105.8	1.8
4	*5180.00	99.2 AV			3.63 H	88	97.4	1.8
5	#10360.00	52.3 PK	68.2	-15.9	2.62 H	351	40.2	12.1
6	15540.00	51.2 PK	74.0	-22.8	2.88 H	74	39.0	12.2
7	15540.00	37.9 AV	54.0	-16.1	2.88 H	74	25.7	12.2
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	5150.00	60.0 PK	74.0	-14.0	1.73 V	28	57.9	2.1
2	5150.00	51.8 AV	54.0	-2.2	1.73 V	28	49.7	2.1
3	*5180.00	114.3 PK			1.73 V	28	112.5	1.8
4	*5180.00	105.3 AV			1.73 V	28	103.5	1.8
5	#10360.00	44.3 PK	68.2	-23.9	2.28 V	222	32.2	12.1
6	15540.00	50.0 PK	74.0	-24.0	1.50 V	290	37.8	12.2
7	15540.00	36.6 AV	54.0	-17.4	1.50 V	290	24.4	12.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	112.7 PK			3.64 H	74	111.0	1.7
2	*5200.00	104.7 AV			3.64 H	74	103.0	1.7
3	#10400.00	51.9 PK	68.2	-16.3	2.62 H	350	39.5	12.4
4	15600.00	51.1 PK	74.0	-22.9	2.96 H	81	39.1	12.0
5	15600.00	38.1 AV	54.0	-15.9	2.96 H	81	26.1	12.0
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	*5200.00	118.3 PK			1.77 V	0	116.6	1.7
2	*5200.00	109.9 AV			1.77 V	0	108.2	1.7
3	#10400.00	43.0 PK	68.2	-25.2	2.32 V	233	30.6	12.4
4	15600.00	49.7 PK	74.0	-24.3	1.46 V	298	37.7	12.0
5	15600.00	36.0 AV	54.0	-18.0	1.46 V	298	24.0	12.0

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	112.5 PK			3.59 H	77	111.1	1.4
2	*5240.00	104.5 AV			3.59 H	77	103.1	1.4
3	5350.00	54.2 PK	74.0	-19.8	3.59 H	77	52.7	1.5
4	5350.00	43.5 AV	54.0	-10.5	3.59 H	77	42.0	1.5
5	#10480.00	52.9 PK	68.2	-15.3	2.54 H	343	40.1	12.8
6	15720.00	51.0 PK	74.0	-23.0	2.93 H	97	39.4	11.6
7	15720.00	37.7 AV	54.0	-16.3	2.93 H	97	26.1	11.6
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	5081.34	56.1 PK	74.0	-17.9	1.72 V	24	54.0	2.1
2	5081.34	46.2 AV	54.0	-7.8	1.72 V	24	44.1	2.1
3	*5240.00	119.3 PK			1.72 V	24	117.9	1.4
4	*5240.00	110.6 AV			1.72 V	24	109.2	1.4
5	5350.00	56.6 PK	74.0	-17.4	1.72 V	24	55.1	1.5
6	5350.00	45.9 AV	54.0	-8.1	1.72 V	24	44.4	1.5
7	#10480.00	44.1 PK	68.2	-24.1	2.27 V	216	31.3	12.8
8	15720.00	50.1 PK	74.0	-23.9	1.39 V	323	38.5	11.6
9	15720.00	36.1 AV	54.0	-17.9	1.39 V	323	24.5	11.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5102.48	54.0 PK	74.0	-20.0	3.58 H	89	51.8	2.2
2	5102.48	43.5 AV	54.0	-10.5	3.58 H	89	41.3	2.2
3	5150.00	53.2 PK	74.0	-20.8	3.58 H	89	51.1	2.1
4	5150.00	44.3 AV	54.0	-9.7	3.58 H	89	42.2	2.1
5	*5260.00	111.8 PK			3.58 H	89	110.5	1.3
6	*5260.00	104.0 AV			3.58 H	89	102.7	1.3
7	#10520.00	52.8 PK	68.2	-15.4	2.60 H	353	40.0	12.8
8	15780.00	50.7 PK	74.0	-23.3	2.92 H	77	39.0	11.7
9	15780.00	37.6 AV	54.0	-16.4	2.92 H	77	25.9	11.7

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	5102.48	54.9 PK	74.0	-19.1	1.73 V	46	52.7	2.2
2	5102.48	45.7 AV	54.0	-8.3	1.73 V	46	43.5	2.2
3	5150.00	53.1 PK	74.0	-20.9	1.73 V	46	51.0	2.1
4	5150.00	44.2 AV	54.0	-9.8	1.73 V	46	42.1	2.1
5	*5260.00	119.0 PK			1.73 V	46	117.7	1.3
6	*5260.00	110.2 AV			1.73 V	46	108.9	1.3
7	5367.81	57.5 PK	74.0	-16.5	1.73 V	46	55.9	1.6
8	5367.81	46.7 AV	54.0	-7.3	1.73 V	46	45.1	1.6
9	#10520.00	43.6 PK	68.2	-24.6	2.36 V	214	30.8	12.8
10	15780.00	49.1 PK	74.0	-24.9	1.40 V	316	37.4	11.7
11	15780.00	35.2 AV	54.0	-18.8	1.40 V	316	23.5	11.7

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	111.4 PK			3.50 H	77	110.0	1.4
2	*5300.00	103.6 AV			3.50 H	77	102.2	1.4
3	10600.00	52.7 PK	74.0	-21.3	2.56 H	342	39.6	13.1
4	10600.00	38.7 AV	54.0	-15.3	2.56 H	342	25.6	13.1
5	15900.00	50.7 PK	74.0	-23.3	2.89 H	68	39.2	11.5
6	15900.00	37.4 AV	54.0	-16.6	2.89 H	68	25.9	11.5
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	*5300.00	118.9 PK			1.75 V	33	117.5	1.4
2	*5300.00	110.4 AV			1.75 V	33	109.0	1.4
3	10600.00	44.2 PK	74.0	-29.8	2.33 V	219	31.1	13.1
4	10600.00	31.5 AV	54.0	-22.5	2.33 V	219	18.4	13.1
5	15900.00	49.1 PK	74.0	-24.9	1.39 V	327	37.6	11.5
6	15900.00	35.4 AV	54.0	-18.6	1.39 V	327	23.9	11.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	106.5 PK			3.55 H	94	105.0	1.5
2	*5320.00	98.3 AV			3.55 H	94	96.8	1.5
3	5350.00	54.3 PK	74.0	-19.7	3.55 H	94	52.8	1.5
4	5350.00	43.8 AV	54.0	-10.2	3.55 H	94	42.3	1.5
5	10640.00	51.4 PK	74.0	-22.6	2.60 H	358	38.2	13.2
6	10640.00	37.4 AV	54.0	-16.6	2.60 H	358	24.2	13.2
7	15960.00	51.3 PK	74.0	-22.7	2.89 H	106	39.8	11.5
8	15960.00	38.4 AV	54.0	-15.6	2.89 H	106	26.9	11.5
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	112.8 PK			1.68 V	38	111.3	1.5
2	*5320.00	103.7 AV			1.68 V	38	102.2	1.5
3	5350.00	60.3 PK	74.0	-13.7	1.68 V	38	58.8	1.5
4	5350.00	50.3 AV	54.0	-3.7	1.68 V	38	48.8	1.5
5	10640.00	43.5 PK	74.0	-30.5	2.31 V	227	30.3	13.2
6	10640.00	31.1 AV	54.0	-22.9	2.31 V	227	17.9	13.2
7	15960.00	50.0 PK	74.0	-24.0	1.50 V	321	38.5	11.5
8	15960.00	35.9 AV	54.0	-18.1	1.50 V	321	24.4	11.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	54.1 PK	74.0	-19.9	3.55 H	78	52.2	1.9
2	5460.00	43.2 AV	54.0	-10.8	3.55 H	78	41.3	1.9
3	#5470.00	60.5 PK	68.2	-7.7	3.55 H	78	58.6	1.9
4	*5500.00	105.3 PK			3.55 H	78	103.4	1.9
5	*5500.00	97.6 AV			3.55 H	78	95.7	1.9
6	11000.00	52.8 PK	74.0	-21.2	2.57 H	336	39.2	13.6
7	11000.00	38.4 AV	54.0	-15.6	2.57 H	336	24.8	13.6
8	#16500.00	50.6 PK	68.2	-17.6	2.94 H	86	36.4	14.2
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	5460.00	54.6 PK	74.0	-19.4	1.70 V	18	52.7	1.9
2	5460.00	44.2 AV	54.0	-9.8	1.70 V	18	42.3	1.9
3	#5470.00	63.2 PK	68.2	-5.0	1.70 V	18	61.3	1.9
4	*5500.00	112.6 PK			1.70 V	18	110.7	1.9
5	*5500.00	103.3 AV			1.70 V	18	101.4	1.9
6	11000.00	43.2 PK	74.0	-30.8	2.35 V	225	29.6	13.6
7	11000.00	30.8 AV	54.0	-23.2	2.35 V	225	17.2	13.6
8	#16500.00	50.4 PK	68.2	-17.8	1.45 V	313	36.2	14.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	112.3 PK			3.65 H	63	110.2	2.1
2	*5580.00	104.1 AV			3.65 H	63	102.0	2.1
3	11160.00	51.8 PK	74.0	-22.2	2.56 H	324	39.1	12.7
4	11160.00	38.3 AV	54.0	-15.7	2.56 H	324	25.6	12.7
5	#16740.00	50.7 PK	68.2	-17.5	2.85 H	79	34.8	15.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	118.6 PK			1.76 V	19	116.5	2.1
2	*5580.00	110.2 AV			1.76 V	19	108.1	2.1
3	11160.00	43.9 PK	74.0	-30.1	2.32 V	198	31.2	12.7
4	11160.00	31.5 AV	54.0	-22.5	2.32 V	198	18.8	12.7
5	#16740.00	49.3 PK	68.2	-18.9	1.59 V	314	33.4	15.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	106.0 PK			3.58 H	95	103.8	2.2
2	*5700.00	98.0 AV			3.58 H	95	95.8	2.2
3	#5725.00	60.6 PK	68.2	-7.6	3.58 H	95	58.4	2.2
4	11400.00	51.8 PK	74.0	-22.2	2.53 H	338	38.3	13.5
5	11400.00	38.0 AV	54.0	-16.0	2.53 H	338	24.5	13.5
6	#17100.00	51.5 PK	68.2	-16.7	2.83 H	97	34.7	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	*5700.00	111.7 PK			1.68 V	45	109.5	2.2
2	*5700.00	102.3 AV			1.68 V	45	100.1	2.2
3	#5725.00	64.3 PK	68.2	-3.9	1.68 V	45	62.1	2.2
4	11400.00	43.2 PK	74.0	-30.8	2.30 V	217	29.7	13.5
5	11400.00	30.7 AV	54.0	-23.3	2.30 V	217	17.2	13.5
6	#17100.00	50.6 PK	68.2	-17.6	1.41 V	300	33.8	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	51.6 PK	68.2	-16.6	3.59 H	76	49.7	1.9
2	*5720.00	113.2 PK			3.59 H	76	111.0	2.2
3	*5720.00	104.7 AV			3.59 H	76	102.5	2.2
4	#5850.00	51.0 PK	68.2	-17.2	3.59 H	76	48.4	2.6
5	11440.00	52.8 PK	74.0	-21.2	2.55 H	338	39.1	13.7
6	11440.00	38.7 AV	54.0	-15.3	2.55 H	338	25.0	13.7
7	#17160.00	50.4 PK	68.2	-17.8	2.93 H	81	33.1	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	#5470.00	51.7 PK	68.2	-16.5	1.70 V	20	49.8	1.9
2	*5720.00	117.6 PK			1.70 V	20	115.4	2.2
3	*5720.00	109.1 AV			1.70 V	20	106.9	2.2
4	#5850.00	56.6 PK	68.2	-11.6	1.70 V	20	54.0	2.6
5	11440.00	43.9 PK	74.0	-30.1	2.33 V	201	30.2	13.7
6	11440.00	31.1 AV	54.0	-22.9	2.33 V	201	17.4	13.7
7	#17160.00	49.8 PK	68.2	-18.4	1.49 V	286	32.5	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5597.76	59.3 PK	68.2	-8.9	1.62 H	333	57.2	2.1
2	*5745.00	103.7 PK			1.62 H	333	101.4	2.3
3	*5745.00	95.6 AV			1.62 H	333	93.3	2.3
4	#5998.60	59.4 PK	68.2	-8.8	1.62 H	333	56.5	2.9
5	11490.00	52.1 PK	74.0	-21.9	2.44 H	341	38.0	14.1
6	11490.00	38.1 AV	54.0	-15.9	2.44 H	341	24.0	14.1
7	#17235.00	50.0 PK	68.2	-18.2	2.98 H	83	32.3	17.7
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	#5585.64	58.6 PK	68.2	-9.6	1.88 V	115	56.5	2.1
2	*5745.00	115.0 PK			1.88 V	115	112.7	2.3
3	*5745.00	106.5 AV			1.88 V	115	104.2	2.3
4	#5993.85	61.1 PK	68.2	-7.1	1.88 V	115	58.2	2.9
5	11490.00	43.2 PK	74.0	-30.8	2.32 V	206	29.1	14.1
6	11490.00	30.8 AV	54.0	-23.2	2.32 V	206	16.7	14.1
7	#17235.00	49.0 PK	68.2	-19.2	1.46 V	299	31.3	17.7

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5578.67	59.9 PK	68.2	-8.3	1.52 H	335	57.8	2.1
2	*5785.00	104.8 PK			1.52 H	335	102.4	2.4
3	*5785.00	96.3 AV			1.52 H	335	93.9	2.4
4	#5980.23	59.3 PK	68.2	-8.9	1.52 H	335	56.4	2.9
5	11570.00	51.5 PK	74.0	-22.5	2.52 H	327	37.4	14.1
6	11570.00	37.5 AV	54.0	-16.5	2.52 H	327	23.4	14.1
7	#17355.00	50.2 PK	68.2	-18.0	2.99 H	95	31.9	18.3
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	#5644.38	58.6 PK	68.2	-9.6	1.78 V	111	56.6	2.0
2	*5785.00	116.2 PK			1.78 V	111	113.8	2.4
3	*5785.00	107.6 AV			1.78 V	111	105.2	2.4
4	#5964.21	59.9 PK	68.2	-8.3	1.78 V	111	57.0	2.9
5	11570.00	44.3 PK	74.0	-29.7	2.40 V	219	30.2	14.1
6	11570.00	31.7 AV	54.0	-22.3	2.40 V	219	17.6	14.1
7	#17355.00	48.9 PK	68.2	-19.3	1.48 V	301	30.6	18.3

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5609.09	58.6 PK	68.2	-9.6	1.61 H	333	56.5	2.1
2	*5825.00	103.2 PK			1.61 H	333	100.7	2.5
3	*5825.00	94.9 AV			1.61 H	333	92.4	2.5
4	#5939.51	60.4 PK	68.2	-7.8	1.61 H	333	57.6	2.8
5	11650.00	52.0 PK	74.0	-22.0	2.50 H	341	38.1	13.9
6	11650.00	37.8 AV	54.0	-16.2	2.50 H	341	23.9	13.9
7	#17475.00	50.0 PK	68.2	-18.2	2.95 H	93	30.5	19.5
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	#5588.92	58.2 PK	68.2	-10.0	1.61 V	115	56.1	2.1
2	*5825.00	115.7 PK			1.61 V	115	113.2	2.5
3	*5825.00	106.9 AV			1.61 V	115	104.4	2.5
4	#5964.60	59.7 PK	68.2	-8.5	1.61 V	115	56.8	2.9
5	11650.00	43.6 PK	74.0	-30.4	2.34 V	213	29.7	13.9
6	11650.00	31.2 AV	54.0	-22.8	2.34 V	213	17.3	13.9
7	#17475.00	48.7 PK	68.2	-19.5	1.50 V	301	29.2	19.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ac (VHT20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	53.9 PK	74.0	-20.1	3.68 H	97	51.8	2.1
2	5150.00	43.7 AV	54.0	-10.3	3.68 H	97	41.6	2.1
3	*5180.00	108.0 PK			3.68 H	97	106.2	1.8
4	*5180.00	99.5 AV			3.68 H	97	97.7	1.8
5	#10360.00	52.7 PK	68.2	-15.5	2.50 H	344	40.6	12.1
6	15540.00	50.2 PK	74.0	-23.8	2.93 H	75	38.0	12.2
7	15540.00	37.3 AV	54.0	-16.7	2.93 H	75	25.1	12.2
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	5150.00	63.2 PK	74.0	-10.8	1.73 V	20	61.1	2.1
2	5150.00	50.6 AV	54.0	-3.4	1.73 V	20	48.5	2.1
3	*5180.00	112.1 PK			1.73 V	20	110.3	1.8
4	*5180.00	103.4 AV			1.73 V	20	101.6	1.8
5	#10360.00	43.1 PK	68.2	-25.1	2.33 V	219	31.0	12.1
6	15540.00	50.2 PK	74.0	-23.8	1.44 V	322	38.0	12.2
7	15540.00	36.1 AV	54.0	-17.9	1.44 V	322	23.9	12.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	112.9 PK			3.69 H	84	111.2	1.7
2	*5200.00	104.5 AV			3.69 H	84	102.8	1.7
3	#10400.00	52.3 PK	68.2	-15.9	2.63 H	346	39.9	12.4
4	15600.00	51.3 PK	74.0	-22.7	2.89 H	77	39.3	12.0
5	15600.00	38.5 AV	54.0	-15.5	2.89 H	77	26.5	12.0
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	*5200.00	118.8 PK			1.79 V	26	117.1	1.7
2	*5200.00	110.0 AV			1.79 V	26	108.3	1.7
3	#10400.00	43.0 PK	68.2	-25.2	2.32 V	226	30.6	12.4
4	15600.00	49.7 PK	74.0	-24.3	1.43 V	314	37.7	12.0
5	15600.00	35.9 AV	54.0	-18.1	1.43 V	314	23.9	12.0

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	112.3 PK			3.59 H	84	110.9	1.4
2	*5240.00	104.3 AV			3.59 H	84	102.9	1.4
3	5350.00	53.9 PK	74.0	-20.1	3.59 H	84	52.4	1.5
4	5350.00	46.5 AV	54.0	-7.5	3.59 H	84	45.0	1.5
5	5401.00	54.1 PK	74.0	-19.9	3.59 H	84	52.4	1.7
6	5401.00	43.3 AV	54.0	-10.7	3.59 H	84	41.6	1.7
7	#10480.00	51.9 PK	68.2	-16.3	2.68 H	319	39.1	12.8
8	15720.00	50.1 PK	74.0	-23.9	2.98 H	69	38.5	11.6
9	15720.00	37.4 AV	54.0	-16.6	2.98 H	69	25.8	11.6

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	5082.63	57.4 PK	74.0	-16.6	1.68 V	39	55.3	2.1
2	5082.63	48.2 AV	54.0	-5.8	1.68 V	39	46.1	2.1
3	*5240.00	119.5 PK			1.68 V	39	118.1	1.4
4	*5240.00	110.6 AV			1.68 V	39	109.2	1.4
5	5350.00	53.9 PK	74.0	-20.1	1.68 V	39	52.4	1.5
6	5350.00	46.5 AV	54.0	-7.5	1.68 V	39	45.0	1.5
7	5401.00	57.6 PK	74.0	-16.4	1.68 V	39	55.9	1.7
8	5401.00	47.7 AV	54.0	-6.3	1.68 V	39	46.0	1.7
9	#10480.00	43.5 PK	68.2	-24.7	2.31 V	213	30.7	12.8
10	15720.00	50.1 PK	74.0	-23.9	1.43 V	303	38.5	11.6
11	15720.00	36.1 AV	54.0	-17.9	1.43 V	303	24.5	11.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5102.32	53.2 PK	74.0	-20.8	3.58 H	89	51.0	2.2
2	5102.32	42.8 AV	54.0	-11.2	3.58 H	89	40.6	2.2
3	5150.00	52.3 PK	74.0	-21.7	3.58 H	89	50.2	2.1
4	5150.00	41.6 AV	54.0	-12.4	3.58 H	89	39.5	2.1
5	*5260.00	111.8 PK			3.58 H	89	110.5	1.3
6	*5260.00	103.8 AV			3.58 H	89	102.5	1.3
7	#10520.00	53.3 PK	68.2	-14.9	2.57 H	360	40.5	12.8
8	15780.00	50.8 PK	74.0	-23.2	2.93 H	79	39.1	11.7
9	15780.00	37.8 AV	54.0	-16.2	2.93 H	79	26.1	11.7

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	5102.32	53.6 PK	74.0	-20.4	1.64 V	40	51.4	2.2
2	5102.32	42.9 AV	54.0	-11.1	1.64 V	40	40.7	2.2
3	5150.00	52.1 PK	74.0	-21.9	1.64 V	40	50.0	2.1
4	5150.00	41.4 AV	54.0	-12.6	1.64 V	40	39.3	2.1
5	*5260.00	117.4 PK			1.64 V	40	116.1	1.3
6	*5260.00	109.0 AV			1.64 V	40	107.7	1.3
7	5364.32	57.1 PK	74.0	-16.9	1.64 V	40	55.6	1.5
8	5364.32	47.0 AV	54.0	-7.0	1.64 V	40	45.5	1.5
9	#10520.00	44.3 PK	68.2	-23.9	2.26 V	209	31.5	12.8
10	15780.00	50.4 PK	74.0	-23.6	1.46 V	317	38.7	11.7
11	15780.00	36.1 AV	54.0	-17.9	1.46 V	317	24.4	11.7

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	110.7 PK			3.57 H	62	109.3	1.4
2	*5300.00	103.0 AV			3.57 H	62	101.6	1.4
3	10600.00	51.6 PK	74.0	-22.4	2.54 H	336	38.5	13.1
4	10600.00	38.2 AV	54.0	-15.8	2.54 H	336	25.1	13.1
5	15900.00	50.5 PK	74.0	-23.5	2.88 H	58	39.0	11.5
6	15900.00	37.5 AV	54.0	-16.5	2.88 H	58	26.0	11.5
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	*5300.00	119.0 PK			1.79 V	26	117.6	1.4
2	*5300.00	110.5 AV			1.79 V	26	109.1	1.4
3	10600.00	43.9 PK	74.0	-30.1	2.28 V	217	30.8	13.1
4	10600.00	31.5 AV	54.0	-22.5	2.28 V	217	18.4	13.1
5	15900.00	49.6 PK	74.0	-24.4	1.52 V	338	38.1	11.5
6	15900.00	35.5 AV	54.0	-18.5	1.52 V	338	24.0	11.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	105.6 PK			3.51 H	98	104.1	1.5
2	*5320.00	97.7 AV			3.51 H	98	96.2	1.5
3	5350.00	54.8 PK	74.0	-19.2	3.51 H	98	53.3	1.5
4	5350.00	43.9 AV	54.0	-10.1	3.51 H	98	42.4	1.5
5	10640.00	52.1 PK	74.0	-21.9	2.50 H	356	38.9	13.2
6	10640.00	38.2 AV	54.0	-15.8	2.50 H	356	25.0	13.2
7	15960.00	51.0 PK	74.0	-23.0	2.91 H	85	39.5	11.5
8	15960.00	38.0 AV	54.0	-16.0	2.91 H	85	26.5	11.5
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	111.7 PK			1.73 V	19	110.2	1.5
2	*5320.00	103.1 AV			1.73 V	19	101.6	1.5
3	5350.00	62.7 PK	74.0	-11.3	1.73 V	19	61.2	1.5
4	5350.00	50.7 AV	54.0	-3.3	1.73 V	19	49.2	1.5
5	10640.00	43.0 PK	74.0	-31.0	2.36 V	219	29.8	13.2
6	10640.00	30.7 AV	54.0	-23.3	2.36 V	219	17.5	13.2
7	15960.00	50.1 PK	74.0	-23.9	1.38 V	332	38.6	11.5
8	15960.00	36.2 AV	54.0	-17.8	1.38 V	332	24.7	11.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	54.3 PK	74.0	-19.7	3.56 H	95	52.4	1.9
2	5460.00	43.1 AV	54.0	-10.9	3.56 H	95	41.2	1.9
3	#5470.00	61.2 PK	68.2	-7.0	3.56 H	95	59.3	1.9
4	*5500.00	105.7 PK			3.56 H	95	103.8	1.9
5	*5500.00	98.0 AV			3.56 H	95	96.1	1.9
6	11000.00	52.3 PK	74.0	-21.7	2.66 H	319	38.7	13.6
7	11000.00	38.4 AV	54.0	-15.6	2.66 H	319	24.8	13.6
8	#16500.00	51.1 PK	68.2	-17.1	2.92 H	62	36.9	14.2
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	5460.00	55.0 PK	74.0	-19.0	1.67 V	46	53.1	1.9
2	5460.00	44.3 AV	54.0	-9.7	1.67 V	46	42.4	1.9
3	#5470.00	64.4 PK	68.2	-3.8	1.67 V	46	62.5	1.9
4	*5500.00	109.9 PK			1.67 V	46	108.0	1.9
5	*5500.00	101.9 AV			1.67 V	46	100.0	1.9
6	11000.00	43.1 PK	74.0	-30.9	2.35 V	225	29.5	13.6
7	11000.00	30.3 AV	54.0	-23.7	2.35 V	225	16.7	13.6
8	#16500.00	50.2 PK	68.2	-18.0	1.52 V	320	36.0	14.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	112.1 PK			3.64 H	83	110.0	2.1
2	*5580.00	103.9 AV			3.64 H	83	101.8	2.1
3	11160.00	52.8 PK	74.0	-21.2	2.59 H	334	40.1	12.7
4	11160.00	38.9 AV	54.0	-15.1	2.59 H	334	26.2	12.7
5	#16740.00	49.7 PK	68.2	-18.5	2.87 H	72	33.8	15.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	119.1 PK			1.65 V	9	117.0	2.1
2	*5580.00	110.2 AV			1.65 V	9	108.1	2.1
3	11160.00	43.8 PK	74.0	-30.2	2.39 V	219	31.1	12.7
4	11160.00	31.2 AV	54.0	-22.8	2.39 V	219	18.5	12.7
5	#16740.00	49.6 PK	68.2	-18.6	1.58 V	297	33.7	15.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	105.5 PK			3.61 H	69	103.3	2.2
2	*5700.00	97.6 AV			3.61 H	69	95.4	2.2
3	#5725.00	61.0 PK	68.2	-7.2	3.61 H	77	58.8	2.2
4	11400.00	52.4 PK	74.0	-21.6	2.55 H	313	38.9	13.5
5	11400.00	38.5 AV	54.0	-15.5	2.55 H	313	25.0	13.5
6	#17100.00	52.0 PK	68.2	-16.2	2.91 H	80	35.2	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	*5700.00	110.9 PK			1.65 V	34	108.7	2.2
2	*5700.00	102.4 AV			1.65 V	34	100.2	2.2
3	#5725.00	63.9 PK	68.2	-4.3	1.65 V	34	61.7	2.2
4	11400.00	43.5 PK	74.0	-30.5	2.39 V	225	30.0	13.5
5	11400.00	30.7 AV	54.0	-23.3	2.39 V	225	17.2	13.5
6	#17100.00	49.4 PK	68.2	-18.8	1.58 V	311	32.6	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	51.4 PK	68.2	-16.8	3.54 H	87	49.5	1.9
2	*5720.00	112.3 PK			3.54 H	87	110.1	2.2
3	*5720.00	103.9 AV			3.54 H	87	101.7	2.2
4	#5850.00	51.1 PK	68.2	-17.1	3.54 H	87	48.5	2.6
5	11440.00	52.6 PK	74.0	-21.4	2.52 H	338	38.9	13.7
6	11440.00	38.5 AV	54.0	-15.5	2.52 H	338	24.8	13.7
7	#17160.00	50.6 PK	68.2	-17.6	2.95 H	91	33.3	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	5460.00	51.0 PK	74.0	-23.0	1.63 V	27	49.1	1.9
2	5460.00	40.0 AV	54.0	-14.0	1.63 V	27	38.1	1.9
3	#5470.00	51.8 PK	68.2	-16.4	1.63 V	27	49.9	1.9
4	*5720.00	116.8 PK			1.63 V	27	114.6	2.2
5	*5720.00	108.9 AV			1.63 V	27	106.7	2.2
6	#5850.00	56.4 PK	68.2	-11.8	1.63 V	27	53.8	2.6
7	11440.00	44.0 PK	74.0	-30.0	2.37 V	217	30.3	13.7
8	11440.00	31.3 AV	54.0	-22.7	2.37 V	217	17.6	13.7
9	#17160.00	49.6 PK	68.2	-18.6	1.61 V	293	32.3	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5563.78	58.4 PK	68.2	-9.8	1.67 H	342	56.4	2.0
2	*5745.00	103.5 PK			1.67 H	342	101.2	2.3
3	*5745.00	95.4 AV			1.67 H	342	93.1	2.3
4	#5946.10	60.5 PK	68.2	-7.7	1.67 H	342	57.7	2.8
5	11490.00	52.1 PK	74.0	-21.9	2.49 H	343	38.0	14.1
6	11490.00	38.2 AV	54.0	-15.8	2.49 H	343	24.1	14.1
7	#17235.00	50.7 PK	68.2	-17.5	2.91 H	78	33.0	17.7
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	#5622.76	58.7 PK	68.2	-9.5	1.64 V	115	56.6	2.1
2	*5745.00	114.6 PK			1.64 V	115	112.3	2.3
3	*5745.00	106.6 AV			1.64 V	115	104.3	2.3
4	#6012.86	60.0 PK	68.2	-8.2	1.64 V	115	57.1	2.9
5	11490.00	44.0 PK	74.0	-30.0	2.35 V	214	29.9	14.1
6	11490.00	31.6 AV	54.0	-22.4	2.35 V	214	17.5	14.1
7	#17235.00	49.6 PK	68.2	-18.6	1.58 V	298	31.9	17.7

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5601.31	58.8 PK	68.2	-9.4	1.69 H	337	56.7	2.1
2	*5785.00	103.5 PK			1.69 H	337	101.1	2.4
3	*5785.00	95.3 AV			1.69 H	337	92.9	2.4
4	#5947.23	59.4 PK	68.2	-8.8	1.69 H	337	56.5	2.9
5	11570.00	52.1 PK	74.0	-21.9	2.56 H	352	38.0	14.1
6	11570.00	38.2 AV	54.0	-15.8	2.56 H	352	24.1	14.1
7	#17355.00	51.0 PK	68.2	-17.2	2.93 H	89	32.7	18.3
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	#5566.49	58.4 PK	68.2	-9.8	1.63 V	109	56.3	2.1
2	*5785.00	113.9 PK			1.63 V	109	111.5	2.4
3	*5785.00	106.2 AV			1.63 V	109	103.8	2.4
4	#5965.28	60.0 PK	68.2	-8.2	1.63 V	109	57.1	2.9
5	11570.00	44.1 PK	74.0	-29.9	2.43 V	204	30.0	14.1
6	11570.00	31.4 AV	54.0	-22.6	2.43 V	204	17.3	14.1
7	#17355.00	49.5 PK	68.2	-18.7	1.63 V	305	31.2	18.3

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5600.65	59.6 PK	68.2	-8.6	1.64 H	334	57.5	2.1
2	*5825.00	103.1 PK			1.64 H	334	100.6	2.5
3	*5825.00	95.0 AV			1.64 H	334	92.5	2.5
4	#5958.31	59.7 PK	68.2	-8.5	1.64 H	334	56.8	2.9
5	11650.00	52.2 PK	74.0	-21.8	2.56 H	324	38.3	13.9
6	11650.00	38.2 AV	54.0	-15.8	2.56 H	324	24.3	13.9
7	#17475.00	50.8 PK	68.2	-17.4	3.00 H	85	31.3	19.5
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	#5582.00	59.7 PK	68.2	-8.5	1.57 V	105	57.6	2.1
2	*5825.00	113.8 PK			1.57 V	105	111.3	2.5
3	*5825.00	106.1 AV			1.57 V	105	103.6	2.5
4	#5995.30	59.7 PK	68.2	-8.5	1.57 V	105	56.8	2.9
5	11650.00	44.1 PK	74.0	-29.9	2.34 V	210	30.2	13.9
6	11650.00	31.2 AV	54.0	-22.8	2.34 V	210	17.3	13.9
7	#17475.00	49.3 PK	68.2	-18.9	1.61 V	287	29.8	19.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ac (VHT40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	55.3 PK	74.0	-18.7	3.39 H	51	53.2	2.1
2	5150.00	46.2 AV	54.0	-7.8	3.39 H	51	44.1	2.1
3	*5190.00	99.7 PK			3.39 H	51	97.9	1.8
4	*5190.00	91.3 AV			3.39 H	51	89.5	1.8
5	5350.00	51.0 PK	74.0	-23.0	3.39 H	51	49.5	1.5
6	5350.00	43.1 AV	54.0	-10.9	3.39 H	51	41.6	1.5
7	#10380.00	52.1 PK	68.2	-16.1	2.57 H	350	39.8	12.3
8	15570.00	51.1 PK	74.0	-22.9	3.07 H	84	38.9	12.2
9	15570.00	38.2 AV	54.0	-15.8	3.07 H	84	26.0	12.2
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	5150.00	58.4 PK	74.0	-15.6	1.64 V	21	56.3	2.1
2	5150.00	50.5 AV	54.0	-3.5	1.64 V	21	48.4	2.1
3	*5190.00	105.4 PK			1.64 V	21	103.6	1.8
4	*5190.00	96.9 AV			1.64 V	21	95.1	1.8
5	5350.00	51.3 PK	74.0	-22.7	1.64 V	21	49.8	1.5
6	5350.00	44.2 AV	54.0	-9.8	1.64 V	21	42.7	1.5
7	#10380.00	43.6 PK	68.2	-24.6	2.40 V	219	31.3	12.3
8	15570.00	50.0 PK	74.0	-24.0	1.54 V	304	37.8	12.2
9	15570.00	36.3 AV	54.0	-17.7	1.54 V	304	24.1	12.2

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	55.5 PK	74.0	-18.5	3.45 H	59	53.4	2.1
2	5150.00	46.0 AV	54.0	-8.0	3.45 H	59	43.9	2.1
3	*5230.00	107.5 PK			3.45 H	59	106.0	1.5
4	*5230.00	99.3 AV			3.45 H	59	97.8	1.5
5	5350.00	55.1 PK	74.0	-18.9	3.45 H	59	53.6	1.5
6	5350.00	45.3 AV	54.0	-8.7	3.45 H	59	43.8	1.5
7	#10460.00	51.7 PK	68.2	-16.5	2.60 H	360	39.0	12.7
8	15690.00	50.8 PK	74.0	-23.2	3.14 H	92	39.2	11.6
9	15690.00	37.9 AV	54.0	-16.1	3.14 H	92	26.3	11.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	59.8 PK	74.0	-14.2	1.69 V	36	57.7	2.1
2	5150.00	49.9 AV	54.0	-4.1	1.69 V	36	47.8	2.1
3	*5230.00	112.8 PK			1.69 V	36	111.3	1.5
4	*5230.00	104.8 AV			1.69 V	36	103.3	1.5
5	5350.00	55.3 PK	74.0	-18.7	1.69 V	36	53.8	1.5
6	5350.00	45.8 AV	54.0	-8.2	1.69 V	36	44.3	1.5
7	#10460.00	43.8 PK	68.2	-24.4	2.35 V	216	31.1	12.7
8	15690.00	50.2 PK	74.0	-23.8	1.51 V	290	38.6	11.6
9	15690.00	36.5 AV	54.0	-17.5	1.51 V	290	24.9	11.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	51.3 PK	74.0	-22.7	3.42 H	45	49.2	2.1
2	5150.00	42.1 AV	54.0	-11.9	3.42 H	45	40.0	2.1
3	*5270.00	107.2 PK			3.42 H	45	105.9	1.3
4	*5270.00	99.0 AV			3.42 H	45	97.7	1.3
5	5350.00	55.8 PK	74.0	-18.2	3.42 H	45	54.3	1.5
6	5350.00	46.4 AV	54.0	-7.6	3.42 H	45	44.9	1.5
7	#10540.00	52.1 PK	68.2	-16.1	2.56 H	344	39.2	12.9
8	15810.00	50.0 PK	74.0	-24.0	3.16 H	80	38.3	11.7
9	15810.00	37.1 AV	54.0	-16.9	3.16 H	80	25.4	11.7

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	52.8 PK	74.0	-21.2	1.69 V	33	50.7	2.1
2	5150.00	42.7 AV	54.0	-11.3	1.69 V	33	40.6	2.1
3	*5270.00	111.6 PK			1.69 V	33	110.3	1.3
4	*5270.00	103.9 AV			1.69 V	33	102.6	1.3
5	5350.00	65.4 PK	74.0	-8.6	1.69 V	33	63.9	1.5
6	5350.00	50.5 AV	54.0	-3.5	1.69 V	33	49.0	1.5
7	#10540.00	43.9 PK	68.2	-24.3	2.37 V	207	31.0	12.9
8	15810.00	50.3 PK	74.0	-23.7	1.53 V	313	38.6	11.7
9	15810.00	36.6 AV	54.0	-17.4	1.53 V	313	24.9	11.7

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	100.7 PK			3.49 H	80	99.3	1.4
2	*5310.00	92.3 AV			3.49 H	80	90.9	1.4
3	5350.00	55.0 PK	74.0	-19.0	3.49 H	80	53.5	1.5
4	5350.00	45.9 AV	54.0	-8.1	3.49 H	80	44.4	1.5
5	10620.00	52.2 PK	74.0	-21.8	2.54 H	360	39.1	13.1
6	10620.00	38.3 AV	54.0	-15.7	2.54 H	360	25.2	13.1
7	15930.00	51.3 PK	74.0	-22.7	3.02 H	88	39.8	11.5
8	15930.00	37.8 AV	54.0	-16.2	3.02 H	88	26.3	11.5
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	*5310.00	105.0 PK			1.69 V	45	103.6	1.4
2	*5310.00	97.6 AV			1.69 V	45	96.2	1.4
3	5350.00	60.5 PK	74.0	-13.5	1.69 V	45	59.0	1.5
4	5350.00	50.7 AV	54.0	-3.3	1.69 V	45	49.2	1.5
5	10620.00	44.1 PK	74.0	-29.9	2.35 V	224	31.0	13.1
6	10620.00	31.6 AV	54.0	-22.4	2.35 V	224	18.5	13.1
7	15930.00	49.7 PK	74.0	-24.3	1.55 V	305	38.2	11.5
8	15930.00	35.8 AV	54.0	-18.2	1.55 V	305	24.3	11.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	55.6 PK	74.0	-18.4	3.48 H	84	53.7	1.9
2	5460.00	46.8 AV	54.0	-7.2	3.48 H	84	44.9	1.9
3	#5470.00	59.5 PK	68.2	-8.7	3.48 H	84	57.6	1.9
4	*5510.00	100.5 PK			3.48 H	84	98.6	1.9
5	*5510.00	92.0 AV			3.48 H	84	90.1	1.9
6	11020.00	51.6 PK	74.0	-22.4	2.41 H	360	38.2	13.4
7	11020.00	38.4 AV	54.0	-15.6	2.41 H	360	25.0	13.4
8	#16530.00	51.7 PK	68.2	-16.5	3.02 H	86	37.2	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	59.8 PK	74.0	-14.2	1.65 V	39	57.9	1.9
2	5460.00	49.7 AV	54.0	-4.3	1.65 V	39	47.8	1.9
3	#5470.00	64.3 PK	68.2	-3.9	1.65 V	39	62.4	1.9
4	*5510.00	106.2 PK			1.65 V	39	104.3	1.9
5	*5510.00	98.6 AV			1.65 V	39	96.7	1.9
6	11020.00	44.0 PK	74.0	-30.0	2.38 V	194	30.6	13.4
7	11020.00	31.5 AV	54.0	-22.5	2.38 V	194	18.1	13.4
8	#16530.00	50.5 PK	68.2	-17.7	1.46 V	309	36.0	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	103.4 PK			3.51 H	66	101.4	2.0
2	*5550.00	94.6 AV			3.51 H	66	92.6	2.0
3	11100.00	51.5 PK	74.0	-22.5	2.44 H	360	38.6	12.9
4	11100.00	38.5 AV	54.0	-15.5	2.44 H	360	25.6	12.9
5	#16650.00	50.6 PK	68.2	-17.6	3.04 H	87	35.4	15.2
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	*5550.00	108.9 PK			1.79 V	23	106.9	2.0
2	*5550.00	99.9 AV			1.79 V	23	97.9	2.0
3	11100.00	44.4 PK	74.0	-29.6	2.39 V	206	31.5	12.9
4	11100.00	31.9 AV	54.0	-22.1	2.39 V	206	19.0	12.9
5	#16650.00	50.7 PK	68.2	-17.5	1.51 V	323	35.5	15.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	102.9 PK			3.49 H	83	100.8	2.1
2	*5670.00	94.5 AV			3.49 H	83	92.4	2.1
3	#5725.00	60.1 PK	68.2	-8.1	3.49 H	83	57.9	2.2
4	11340.00	51.7 PK	74.0	-22.3	2.50 H	360	38.7	13.0
5	11340.00	38.7 AV	54.0	-15.3	2.50 H	360	25.7	13.0
6	#17010.00	51.9 PK	68.2	-16.3	2.99 H	88	35.0	16.9
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	*5670.00	108.9 PK			1.67 V	38	106.8	2.1
2	*5670.00	100.7 AV			1.67 V	38	98.6	2.1
3	#5725.00	64.8 PK	68.2	-3.4	1.67 V	38	62.6	2.2
4	11340.00	44.9 PK	74.0	-29.1	2.39 V	215	31.9	13.0
5	11340.00	32.4 AV	54.0	-21.6	2.39 V	215	19.4	13.0
6	#17010.00	51.4 PK	68.2	-16.8	1.51 V	331	34.5	16.9

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	51.9 PK	68.2	-16.3	3.41 H	80	50.0	1.9
2	*5710.00	106.1 PK			3.41 H	80	103.9	2.2
3	*5710.00	99.0 AV			3.41 H	80	96.8	2.2
4	#5850.00	61.5 PK	68.2	-6.7	3.41 H	80	58.9	2.6
5	11420.00	51.7 PK	74.0	-22.3	2.51 H	360	38.1	13.6
6	11420.00	38.4 AV	54.0	-15.6	2.51 H	360	24.8	13.6
7	#17130.00	51.8 PK	68.2	-16.4	3.01 H	99	34.7	17.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	51.0 PK	74.0	-23.0	1.70 V	40	49.1	1.9
2	5460.00	40.5 AV	54.0	-13.5	1.70 V	40	38.6	1.9
3	#5470.00	51.4 PK	68.2	-16.8	1.70 V	40	49.5	1.9
4	*5710.00	110.6 PK			1.70 V	40	108.4	2.2
5	*5710.00	103.6 AV			1.70 V	40	101.4	2.2
6	#5850.00	62.9 PK	68.2	-5.3	1.70 V	40	60.3	2.6
7	11420.00	44.8 PK	74.0	-29.2	2.40 V	201	31.2	13.6
8	11420.00	32.5 AV	54.0	-21.5	2.40 V	201	18.9	13.6
9	#17130.00	51.6 PK	68.2	-16.6	1.53 V	323	34.5	17.1

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5597.92	57.6 PK	68.2	-10.6	1.62 H	333	55.5	2.1
2	*5755.00	99.3 PK			1.62 H	333	97.0	2.3
3	*5755.00	91.8 AV			1.62 H	333	89.5	2.3
4	#5929.29	59.5 PK	68.2	-8.7	1.62 H	333	56.8	2.7
5	11510.00	51.6 PK	74.0	-22.4	2.48 H	360	37.5	14.1
6	11510.00	38.4 AV	54.0	-15.6	2.48 H	360	24.3	14.1
7	#17265.00	51.6 PK	68.2	-16.6	3.08 H	112	33.8	17.8
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	#5648.21	64.5 PK	68.2	-3.7	1.76 V	97	62.5	2.0
2	*5755.00	111.6 PK			1.76 V	97	109.3	2.3
3	*5755.00	104.3 AV			1.76 V	97	102.0	2.3
4	#5990.63	60.5 PK	68.2	-7.7	1.76 V	97	57.6	2.9
5	11510.00	44.8 PK	74.0	-29.2	2.40 V	220	30.7	14.1
6	11510.00	32.1 AV	54.0	-21.9	2.40 V	220	18.0	14.1
7	#17265.00	49.5 PK	68.2	-18.7	1.55 V	302	31.7	17.8

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5594.34	58.9 PK	68.2	-9.3	1.58 H	337	56.8	2.1
2	*5795.00	99.8 PK			1.58 H	337	97.3	2.5
3	*5795.00	92.3 AV			1.58 H	337	89.8	2.5
4	#6009.27	60.0 PK	68.2	-8.2	1.58 H	337	57.1	2.9
5	11590.00	52.0 PK	74.0	-22.0	2.46 H	360	37.9	14.1
6	11590.00	38.5 AV	54.0	-15.5	2.46 H	360	24.4	14.1
7	#17385.00	51.5 PK	68.2	-16.7	3.01 H	98	33.0	18.5
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	#5568.07	59.0 PK	68.2	-9.2	1.81 V	92	56.9	2.1
2	*5795.00	111.2 PK			1.81 V	92	108.7	2.5
3	*5795.00	103.9 AV			1.81 V	92	101.4	2.5
4	#5926.03	62.9 PK	68.2	-5.3	1.81 V	92	60.2	2.7
5	11590.00	44.6 PK	74.0	-29.4	2.34 V	213	30.5	14.1
6	11590.00	32.2 AV	54.0	-21.8	2.34 V	213	18.1	14.1
7	#17385.00	49.0 PK	68.2	-19.2	1.48 V	316	30.5	18.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ac (VHT80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	55.2 PK	74.0	-18.8	3.63 H	81	53.1	2.1
2	5150.00	46.2 AV	54.0	-7.8	3.63 H	81	44.1	2.1
3	*5210.00	93.9 PK			3.63 H	81	92.3	1.6
4	*5210.00	87.8 AV			3.63 H	81	86.2	1.6
5	5350.00	51.2 PK	74.0	-22.8	3.63 H	81	49.7	1.5
6	5350.00	42.2 AV	54.0	-11.8	3.63 H	81	40.7	1.5
7	#10420.00	52.3 PK	68.2	-15.9	2.50 H	360	39.9	12.4
8	15630.00	50.7 PK	74.0	-23.3	2.89 H	54	38.9	11.8
9	15630.00	37.5 AV	54.0	-16.5	2.89 H	54	25.7	11.8
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	1.73 V	22	56.9	2.1
2	5150.00	50.9 AV	54.0	-3.1	1.73 V	22	48.8	2.1
3	*5210.00	101.2 PK			1.73 V	22	99.6	1.6
4	*5210.00	94.2 AV			1.73 V	22	92.6	1.6
5	5350.00	51.7 PK	74.0	-22.3	1.73 V	22	50.2	1.5
6	5350.00	42.6 AV	54.0	-11.4	1.73 V	22	41.1	1.5
7	#10420.00	43.7 PK	68.2	-24.5	2.41 V	205	31.3	12.4
8	15630.00	48.7 PK	74.0	-25.3	1.55 V	303	36.9	11.8
9	15630.00	35.5 AV	54.0	-18.5	1.55 V	303	23.7	11.8

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	51.0 PK	74.0	-23.0	3.72 H	46	48.9	2.1
2	5150.00	43.2 AV	54.0	-10.8	3.72 H	46	41.1	2.1
3	*5290.00	93.6 PK			3.72 H	46	92.2	1.4
4	*5290.00	87.7 AV			3.72 H	46	86.3	1.4
5	5350.00	54.8 PK	74.0	-19.2	3.72 H	46	53.3	1.5
6	5350.00	46.1 AV	54.0	-7.9	3.72 H	46	44.6	1.5
7	#10580.00	51.4 PK	68.2	-16.8	2.49 H	360	38.5	12.9
8	15870.00	50.5 PK	74.0	-23.5	3.01 H	64	38.9	11.6
9	15870.00	37.5 AV	54.0	-16.5	3.01 H	64	25.9	11.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	51.3 PK	74.0	-22.7	1.71 V	18	49.2	2.1
2	5150.00	44.8 AV	54.0	-9.2	1.71 V	18	42.7	2.1
3	*5290.00	102.9 PK			1.71 V	18	101.5	1.4
4	*5290.00	94.7 AV			1.71 V	18	93.3	1.4
5	5350.00	61.6 PK	74.0	-12.4	1.71 V	18	60.1	1.5
6	5350.00	50.7 AV	54.0	-3.3	1.71 V	18	49.2	1.5
7	#10580.00	43.8 PK	68.2	-24.4	2.31 V	213	30.9	12.9
8	15870.00	49.7 PK	74.0	-24.3	1.49 V	301	38.1	11.6
9	15870.00	36.0 AV	54.0	-18.0	1.49 V	301	24.4	11.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	55.0 PK	74.0	-19.0	3.69 H	70	53.1	1.9
2	5460.00	46.5 AV	54.0	-7.5	3.69 H	70	44.6	1.9
3	#5470.00	60.4 PK	68.2	-7.8	3.69 H	70	58.5	1.9
4	*5530.00	94.5 PK			3.69 H	70	92.5	2.0
5	*5530.00	88.4 AV			3.69 H	70	86.4	2.0
6	11060.00	52.7 PK	74.0	-21.3	2.54 H	360	39.5	13.2
7	11060.00	39.5 AV	54.0	-14.5	2.54 H	360	26.3	13.2
8	#16590.00	53.6 PK	68.2	-14.6	3.01 H	70	38.8	14.8

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	5460.00	60.8 PK	74.0	-13.2	1.65 V	21	58.9	1.9
2	5460.00	50.8 AV	54.0	-3.2	1.65 V	21	48.9	1.9
3	#5470.00	64.9 PK	68.2	-3.3	1.65 V	21	63.0	1.9
4	*5530.00	101.3 PK			1.65 V	21	99.3	2.0
5	*5530.00	93.5 AV			1.65 V	21	91.5	2.0
6	#5725.00	54.6 PK	68.2	-13.6	1.65 V	21	52.4	2.2
7	11060.00	43.6 PK	74.0	-30.4	2.44 V	209	30.4	13.2
8	11060.00	31.3 AV	54.0	-22.7	2.44 V	209	18.1	13.2
9	#16590.00	49.4 PK	68.2	-18.8	1.45 V	291	34.6	14.8

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	99.5 PK			3.62 H	75	97.4	2.1
2	*5610.00	93.0 AV			3.62 H	75	90.9	2.1
3	#5725.00	59.7 PK	68.2	-8.5	3.62 H	75	57.5	2.2
4	11220.00	53.0 PK	74.0	-21.0	2.55 H	360	40.4	12.6
5	11220.00	39.7 AV	54.0	-14.3	2.55 H	360	27.1	12.6
6	#16830.00	53.0 PK	68.2	-15.2	3.03 H	84	36.7	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	*5610.00	107.0 PK			1.65 V	32	104.9	2.1
2	*5610.00	98.8 AV			1.65 V	32	96.7	2.1
3	#5725.00	64.8 PK	68.2	-3.4	1.65 V	32	62.6	2.2
4	11220.00	44.4 PK	74.0	-29.6	2.35 V	240	31.8	12.6
5	11220.00	32.1 AV	54.0	-21.9	2.35 V	240	19.5	12.6
6	#16830.00	50.0 PK	68.2	-18.2	1.49 V	300	33.7	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	52.4 PK	68.2	-15.8	3.57 H	83	50.5	1.9
2	*5690.00	101.6 PK			3.57 H	83	99.5	2.1
3	*5690.00	95.3 AV			3.57 H	83	93.2	2.1
4	#5850.00	60.2 PK	68.2	-8.0	3.57 H	83	57.6	2.6
5	11380.00	52.4 PK	74.0	-21.6	2.62 H	360	39.1	13.3
6	11380.00	38.8 AV	54.0	-15.2	2.62 H	360	25.5	13.3
7	#17070.00	53.1 PK	68.2	-15.1	2.93 H	88	36.2	16.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	53.3 PK	68.2	-14.9	1.66 V	31	51.4	1.9
2	*5690.00	109.3 PK			1.66 V	31	107.2	2.1
3	*5690.00	101.3 AV			1.66 V	31	99.2	2.1
4	#5850.00	64.3 PK	68.2	-3.9	1.66 V	31	61.7	2.6
5	11380.00	42.8 PK	74.0	-31.2	2.45 V	229	29.5	13.3
6	11380.00	30.6 AV	54.0	-23.4	2.45 V	229	17.3	13.3
7	#17070.00	49.4 PK	68.2	-18.8	1.52 V	327	32.5	16.9

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5634.79	54.9 PK	68.2	-13.3	1.70 H	117	52.9	2.0
2	*5775.00	100.5 PK			1.70 H	117	98.1	2.4
3	*5775.00	91.1 AV			1.70 H	117	88.7	2.4
4	#5943.40	52.0 PK	68.2	-16.2	1.70 H	117	49.2	2.8
5	11550.00	52.2 PK	74.0	-21.8	2.59 H	360	38.0	14.2
6	11550.00	38.5 AV	54.0	-15.5	2.59 H	360	24.3	14.2
7	#17325.00	52.7 PK	68.2	-15.5	2.89 H	85	34.6	18.1
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	#5584.72	61.2 PK	68.2	-7.0	1.68 V	31	59.1	2.1
2	*5775.00	104.9 PK			1.68 V	31	102.5	2.4
3	*5775.00	94.9 AV			1.68 V	31	92.5	2.4
4	#5930.14	62.1 PK	68.2	-6.1	1.68 V	31	59.4	2.7
5	11550.00	42.6 PK	74.0	-31.4	2.40 V	232	28.4	14.2
6	11550.00	30.2 AV	54.0	-23.8	2.40 V	232	16.0	14.2
7	#17325.00	49.5 PK	68.2	-18.7	1.58 V	317	31.4	18.1

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Below 1GHz Data:

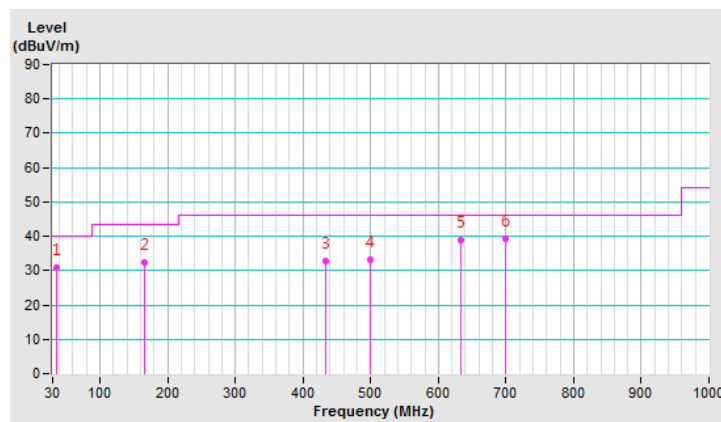
802.11ac (VHT20)

CHANNEL	TX Channel 116	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	35.64	30.8 QP	40.0	-9.2	2.00 H	8	49.9	-19.1
2	166.30	32.5 QP	43.5	-11.0	2.00 H	80	50.7	-18.2
3	433.11	32.7 QP	46.0	-13.3	1.00 H	88	46.7	-14.0
4	500.37	33.3 QP	46.0	-12.7	2.00 H	258	46.1	-12.8
5	633.81	39.0 QP	46.0	-7.0	2.75 H	280	49.0	-10.0
6	699.90	39.4 QP	46.0	-6.6	1.25 H	249	48.5	-9.1

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. 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.

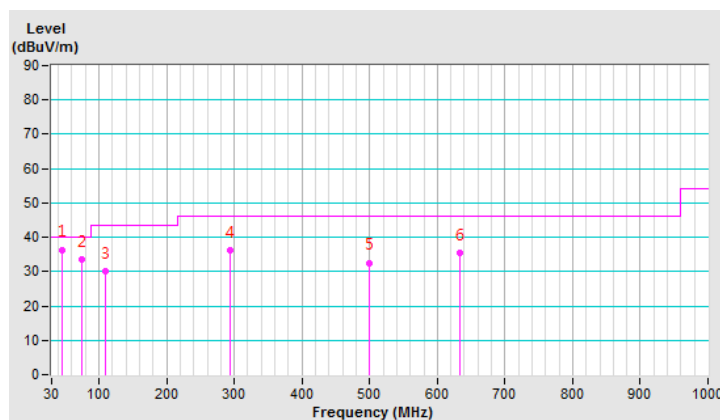


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

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	45.41	36.4 QP	40.0	-3.6	1.00 V	183	54.4	-18.0
2	73.76	33.4 QP	40.0	-6.6	1.00 V	232	54.6	-21.2
3	109.02	30.0 QP	43.5	-13.5	2.25 V	360	50.9	-20.9
4	294.23	36.1 QP	46.0	-9.9	2.00 V	360	53.6	-17.5
5	499.78	32.6 QP	46.0	-13.4	2.50 V	0	45.4	-12.8
6	633.25	35.4 QP	46.0	-10.6	2.00 V	360	45.4	-10.0

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. 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.



For external Ant. No.: 2 (Chain 1) PCB antenna (Model: ANT300P002B24553)

Above 1GHz Data:

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	61.0 PK	74.0	-13.0	1.36 H	116	58.9	2.1
2	5150.00	50.5 AV	54.0	-3.5	1.36 H	116	48.4	2.1
3	*5180.00	110.2 PK			1.36 H	116	108.4	1.8
4	*5180.00	101.7 AV			1.36 H	116	99.9	1.8
5	#10360.00	57.7 PK	68.2	-10.5	1.31 H	105	45.6	12.1
6	15540.00	58.8 PK	74.0	-15.2	1.04 H	170	46.6	12.2
7	15540.00	46.7 AV	54.0	-7.3	1.04 H	170	34.5	12.2
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	5150.00	58.7 PK	74.0	-15.3	2.59 V	360	56.6	2.1
2	5150.00	47.2 AV	54.0	-6.8	2.59 V	360	45.1	2.1
3	*5180.00	107.6 PK			2.59 V	360	105.8	1.8
4	*5180.00	98.4 AV			2.59 V	360	96.6	1.8
5	#10360.00	53.2 PK	68.2	-15.0	1.08 V	317	41.1	12.1
6	15540.00	58.3 PK	74.0	-15.7	1.16 V	220	46.1	12.2
7	15540.00	47.9 AV	54.0	-6.1	1.16 V	220	35.7	12.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	112.2 PK			1.29 H	242	110.5	1.7
2	*5200.00	103.7 AV			1.29 H	242	102.0	1.7
3	#10400.00	57.4 PK	68.2	-10.8	1.38 H	127	45.0	12.4
4	15600.00	58.9 PK	74.0	-15.1	1.04 H	171	46.9	12.0
5	15600.00	46.8 AV	54.0	-7.2	1.04 H	171	34.8	12.0
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	*5200.00	109.4 PK			2.54 V	360	107.7	1.7
2	*5200.00	100.2 AV			2.54 V	360	98.5	1.7
3	#10400.00	53.7 PK	68.2	-14.5	1.05 V	307	41.3	12.4
4	15600.00	58.5 PK	74.0	-15.5	1.13 V	209	46.5	12.0
5	15600.00	48.3 AV	54.0	-5.7	1.13 V	209	36.3	12.0

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	112.0 PK			1.24 H	251	110.6	1.4
2	*5240.00	103.5 AV			1.24 H	251	102.1	1.4
3	5350.00	51.0 PK	74.0	-23.0	1.24 H	251	49.5	1.5
4	5350.00	40.3 AV	54.0	-13.7	1.24 H	251	38.8	1.5
5	5396.78	51.6 PK	74.0	-22.4	1.24 H	251	49.9	1.7
6	5396.78	41.4 AV	54.0	-12.6	1.24 H	251	39.7	1.7
7	#10480.00	57.5 PK	68.2	-10.7	1.36 H	121	44.7	12.8
8	15720.00	58.8 PK	74.0	-15.2	1.08 H	166	47.2	11.6
9	15720.00	46.9 AV	54.0	-7.1	1.08 H	166	35.3	11.6

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	*5240.00	109.5 PK			2.55 V	360	108.1	1.4
2	*5240.00	100.0 AV			2.55 V	360	98.6	1.4
3	5350.00	51.2 PK	74.0	-22.8	2.55 V	360	49.7	1.5
4	5350.00	41.0 AV	54.0	-13.0	2.55 V	360	39.5	1.5
5	#10480.00	53.7 PK	68.2	-14.5	1.02 V	305	40.9	12.8
6	15720.00	59.1 PK	74.0	-14.9	1.07 V	199	47.5	11.6
7	15720.00	48.7 AV	54.0	-5.3	1.07 V	199	37.1	11.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5104.61	51.5 PK	74.0	-22.5	1.16 H	309	49.3	2.2
2	5104.61	41.5 AV	54.0	-12.5	1.16 H	309	39.3	2.2
3	5150.00	51.2 PK	74.0	-22.8	1.16 H	309	49.1	2.1
4	5150.00	40.3 AV	54.0	-13.7	1.16 H	309	38.2	2.1
5	*5260.00	113.4 PK			1.16 H	309	112.1	1.3
6	*5260.00	104.5 AV			1.16 H	309	103.2	1.3
7	#10520.00	56.9 PK	68.2	-11.3	1.31 H	121	44.1	12.8
8	15780.00	58.9 PK	74.0	-15.1	1.09 H	159	47.2	11.7
9	15780.00	47.0 AV	54.0	-7.0	1.09 H	159	35.3	11.7
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	51.1 PK	74.0	-22.9	2.54 V	360	49.0	2.1
2	5150.00	40.9 AV	54.0	-13.1	2.54 V	360	38.8	2.1
3	*5260.00	109.6 PK			2.54 V	360	108.3	1.3
4	*5260.00	100.4 AV			2.54 V	360	99.1	1.3
5	#10520.00	53.8 PK	68.2	-14.4	1.00 V	320	41.0	12.8
6	15780.00	58.9 PK	74.0	-15.1	1.05 V	191	47.2	11.7
7	15780.00	48.3 AV	54.0	-5.7	1.05 V	191	36.6	11.7

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	112.3 PK			1.04 H	47	110.9	1.4
2	*5300.00	101.7 AV			1.04 H	47	100.3	1.4
3	10600.00	57.1 PK	74.0	-16.9	1.32 H	106	44.0	13.1
4	10600.00	44.3 AV	54.0	-9.7	1.32 H	106	31.2	13.1
5	15900.00	58.9 PK	74.0	-15.1	1.10 H	165	47.4	11.5
6	15900.00	46.9 AV	54.0	-7.1	1.10 H	165	35.4	11.5
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	*5300.00	106.9 PK			2.54 V	344	105.5	1.4
2	*5300.00	97.0 AV			2.54 V	344	95.6	1.4
3	10600.00	53.5 PK	74.0	-20.5	1.10 V	325	40.4	13.1
4	10600.00	43.3 AV	54.0	-10.7	1.10 V	325	30.2	13.1
5	15900.00	57.8 PK	74.0	-16.2	1.14 V	211	46.3	11.5
6	15900.00	47.5 AV	54.0	-6.5	1.14 V	211	36.0	11.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	110.2 PK			1.20 H	308	108.7	1.5
2	*5320.00	102.2 AV			1.20 H	308	100.7	1.5
3	5350.00	69.4 PK	74.0	-4.6	1.20 H	308	67.9	1.5
4	5350.00	50.7 AV	54.0	-3.3	1.20 H	308	49.2	1.5
5	10640.00	57.2 PK	74.0	-16.8	1.35 H	99	44.0	13.2
6	10640.00	44.6 AV	54.0	-9.4	1.35 H	99	31.4	13.2
7	15960.00	58.6 PK	74.0	-15.4	1.07 H	163	47.1	11.5
8	15960.00	46.6 AV	54.0	-7.4	1.07 H	163	35.1	11.5
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	106.8 PK			2.48 V	336	105.3	1.5
2	*5320.00	96.8 AV			2.48 V	336	95.3	1.5
3	5350.00	58.6 PK	74.0	-15.4	2.48 V	336	57.1	1.5
4	5350.00	46.8 AV	54.0	-7.2	2.48 V	336	45.3	1.5
5	10640.00	53.5 PK	74.0	-20.5	1.04 V	318	40.3	13.2
6	10640.00	43.5 AV	54.0	-10.5	1.04 V	318	30.3	13.2
7	15960.00	57.6 PK	74.0	-16.4	1.11 V	216	46.1	11.5
8	15960.00	47.4 AV	54.0	-6.6	1.11 V	216	35.9	11.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	57.5 PK	74.0	-16.5	1.49 H	229	55.6	1.9
2	5460.00	43.8 AV	54.0	-10.2	1.49 H	229	41.9	1.9
3	#5470.00	64.5 PK	68.2	-3.7	1.49 H	229	62.6	1.9
4	*5500.00	110.4 PK			1.49 H	229	108.5	1.9
5	*5500.00	101.9 AV			1.49 H	229	100.0	1.9
6	11000.00	57.5 PK	74.0	-16.5	1.38 H	117	43.9	13.6
7	11000.00	44.5 AV	54.0	-9.5	1.38 H	117	30.9	13.6
8	#16500.00	59.2 PK	68.2	-9.0	1.11 H	174	45.0	14.2
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	5460.00	57.1 PK	74.0	-16.9	2.53 V	320	55.2	1.9
2	5460.00	42.1 AV	54.0	-11.9	2.53 V	320	40.2	1.9
3	#5470.00	60.6 PK	68.2	-7.6	2.53 V	320	58.7	1.9
4	*5500.00	107.4 PK			2.53 V	320	105.5	1.9
5	*5500.00	97.1 AV			2.53 V	320	95.2	1.9
6	11000.00	53.5 PK	74.0	-20.5	1.03 V	315	39.9	13.6
7	11000.00	43.7 AV	54.0	-10.3	1.03 V	315	30.1	13.6
8	#16500.00	57.4 PK	68.2	-10.8	1.06 V	206	43.2	14.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	112.2 PK			1.00 H	45	110.1	2.1
2	*5580.00	101.4 AV			1.00 H	45	99.3	2.1
3	11160.00	57.3 PK	74.0	-16.7	1.29 H	106	44.6	12.7
4	11160.00	44.2 AV	54.0	-9.8	1.29 H	106	31.5	12.7
5	#16740.00	58.6 PK	68.2	-9.6	1.05 H	154	42.7	15.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	107.1 PK			2.51 V	314	105.0	2.1
2	*5580.00	97.3 AV			2.51 V	314	95.2	2.1
3	11160.00	53.2 PK	74.0	-20.8	1.14 V	335	40.5	12.7
4	11160.00	43.2 AV	54.0	-10.8	1.14 V	335	30.5	12.7
5	#16740.00	57.1 PK	68.2	-11.1	1.10 V	198	41.2	15.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	106.7 PK			1.46 H	231	104.5	2.2
2	*5700.00	98.2 AV			1.46 H	231	96.0	2.2
3	#5725.00	64.3 PK	68.2	-3.9	1.46 H	231	62.1	2.2
4	11400.00	56.7 PK	74.0	-17.3	1.32 H	113	43.2	13.5
5	11400.00	43.8 AV	54.0	-10.2	1.32 H	113	30.3	13.5
6	#17100.00	58.1 PK	68.2	-10.1	1.11 H	159	41.3	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	*5700.00	104.2 PK			2.54 V	315	102.0	2.2
2	*5700.00	94.9 AV			2.54 V	315	92.7	2.2
3	#5725.00	60.3 PK	68.2	-7.9	2.54 V	315	58.1	2.2
4	11400.00	53.1 PK	74.0	-20.9	1.19 V	350	39.6	13.5
5	11400.00	42.8 AV	54.0	-11.2	1.19 V	350	29.3	13.5
6	#17100.00	56.8 PK	68.2	-11.4	1.13 V	207	40.0	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	51.0 PK	68.2	-17.2	1.34 H	215	49.1	1.9
2	*5720.00	113.5 PK			1.34 H	215	111.3	2.2
3	*5720.00	104.6 AV			1.34 H	215	102.4	2.2
4	#5850.00	52.6 PK	68.2	-15.6	1.34 H	215	50.0	2.6
5	11440.00	56.7 PK	74.0	-17.3	1.29 H	102	43.0	13.7
6	11440.00	43.9 AV	54.0	-10.1	1.29 H	102	30.2	13.7
7	#17160.00	58.1 PK	68.2	-10.1	1.06 H	165	40.8	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	#5470.00	50.3 PK	68.2	-17.9	2.57 V	322	48.4	1.9
2	*5720.00	110.8 PK			2.57 V	322	108.6	2.2
3	*5720.00	101.1 AV			2.57 V	322	98.9	2.2
4	#5850.00	50.6 PK	68.2	-17.6	2.57 V	322	48.0	2.6
5	11440.00	52.9 PK	74.0	-21.1	1.25 V	353	39.2	13.7
6	11440.00	42.6 AV	54.0	-11.4	1.25 V	353	28.9	13.7
7	#17160.00	56.9 PK	68.2	-11.3	1.09 V	209	39.6	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5563.93	59.7 PK	68.2	-8.5	2.41 H	310	57.7	2.0
2	*5745.00	106.1 PK			2.41 H	310	103.8	2.3
3	*5745.00	95.8 AV			2.41 H	310	93.5	2.3
4	#5945.96	60.3 PK	68.2	-7.9	2.41 H	310	57.5	2.8
5	11490.00	56.6 PK	74.0	-17.4	1.26 H	93	42.5	14.1
6	11490.00	43.8 AV	54.0	-10.2	1.26 H	93	29.7	14.1
7	#17235.00	58.3 PK	68.2	-9.9	1.04 H	149	40.6	17.7
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	#5608.82	59.7 PK	68.2	-8.5	1.07 V	51	57.6	2.1
2	*5745.00	107.0 PK			1.07 V	51	104.7	2.3
3	*5745.00	96.4 AV			1.07 V	51	94.1	2.3
4	#6013.46	61.5 PK	68.2	-6.7	1.07 V	51	58.6	2.9
5	11490.00	52.9 PK	74.0	-21.1	1.22 V	357	38.8	14.1
6	11490.00	42.8 AV	54.0	-11.2	1.22 V	357	28.7	14.1
7	#17235.00	57.3 PK	68.2	-10.9	1.08 V	225	39.6	17.7

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5571.70	58.8 PK	68.2	-9.4	2.46 H	306	56.7	2.1
2	*5785.00	105.6 PK			2.46 H	306	103.2	2.4
3	*5785.00	95.5 AV			2.46 H	306	93.1	2.4
4	#5936.47	59.5 PK	68.2	-8.7	2.46 H	306	56.7	2.8
5	11570.00	56.8 PK	74.0	-17.2	1.24 H	104	42.7	14.1
6	11570.00	44.3 AV	54.0	-9.7	1.24 H	104	30.2	14.1
7	#17355.00	58.2 PK	68.2	-10.0	1.07 H	158	39.9	18.3
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	#5580.42	58.8 PK	68.2	-9.4	1.07 V	50	56.7	2.1
2	*5785.00	106.7 PK			1.07 V	50	104.3	2.4
3	*5785.00	96.2 AV			1.07 V	50	93.8	2.4
4	#5978.08	60.2 PK	68.2	-8.0	1.07 V	50	57.3	2.9
5	11570.00	53.3 PK	74.0	-20.7	1.22 V	343	39.2	14.1
6	11570.00	43.0 AV	54.0	-11.0	1.22 V	343	28.9	14.1
7	#17355.00	57.2 PK	68.2	-11.0	1.10 V	218	38.9	18.3

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5561.17	59.7 PK	68.2	-8.5	2.42 H	315	57.7	2.0
2	*5825.00	106.1 PK			2.42 H	315	103.6	2.5
3	*5825.00	96.0 AV			2.42 H	315	93.5	2.5
4	#5928.48	60.1 PK	68.2	-8.1	2.42 H	315	57.4	2.7
5	11650.00	56.7 PK	74.0	-17.3	1.29 H	94	42.8	13.9
6	11650.00	43.9 AV	54.0	-10.1	1.29 H	94	30.0	13.9
7	#17475.00	58.8 PK	68.2	-9.4	1.11 H	158	39.3	19.5
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	#5604.09	58.5 PK	68.2	-9.7	1.08 V	46	56.4	2.1
2	*5825.00	106.7 PK			1.08 V	46	104.2	2.5
3	*5825.00	96.2 AV			1.08 V	46	93.7	2.5
4	#5998.08	60.8 PK	68.2	-7.4	1.08 V	46	57.9	2.9
5	11650.00	52.5 PK	74.0	-21.5	1.20 V	360	38.6	13.9
6	11650.00	42.4 AV	54.0	-11.6	1.20 V	360	28.5	13.9
7	#17475.00	57.2 PK	68.2	-11.0	1.06 V	206	37.7	19.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ac (VHT20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	61.6 PK	74.0	-12.4	1.40 H	232	59.5	2.1
2	5150.00	50.5 AV	54.0	-3.5	1.40 H	232	48.4	2.1
3	*5180.00	110.2 PK			1.40 H	232	108.4	1.8
4	*5180.00	101.0 AV			1.40 H	232	99.2	1.8
5	#10360.00	58.0 PK	68.2	-10.2	1.31 H	115	45.9	12.1
6	15540.00	58.9 PK	74.0	-15.1	1.04 H	174	46.7	12.2
7	15540.00	46.9 AV	54.0	-7.1	1.04 H	174	34.7	12.2
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	5150.00	58.5 PK	74.0	-15.5	2.61 V	359	56.4	2.1
2	5150.00	47.0 AV	54.0	-7.0	2.61 V	359	44.9	2.1
3	*5180.00	107.2 PK			2.61 V	359	105.4	1.8
4	*5180.00	97.9 AV			2.61 V	359	96.1	1.8
5	#10360.00	53.4 PK	68.2	-14.8	1.05 V	315	41.3	12.1
6	15540.00	57.8 PK	74.0	-16.2	1.20 V	230	45.6	12.2
7	15540.00	47.5 AV	54.0	-6.5	1.20 V	230	35.3	12.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	112.2 PK			1.34 H	235	110.5	1.7
2	*5200.00	103.8 AV			1.34 H	235	102.1	1.7
3	#10400.00	56.9 PK	68.2	-11.3	1.41 H	114	44.5	12.4
4	15600.00	59.1 PK	74.0	-14.9	1.05 H	169	47.1	12.0
5	15600.00	46.9 AV	54.0	-7.1	1.05 H	169	34.9	12.0
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	*5200.00	109.2 PK			2.58 V	358	107.5	1.7
2	*5200.00	99.9 AV			2.58 V	358	98.2	1.7
3	#10400.00	54.3 PK	68.2	-13.9	1.02 V	307	41.9	12.4
4	15600.00	58.0 PK	74.0	-16.0	1.15 V	195	46.0	12.0
5	15600.00	47.9 AV	54.0	-6.1	1.15 V	195	35.9	12.0

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	113.9 PK			1.41 H	230	112.5	1.4
2	*5240.00	105.0 AV			1.41 H	230	103.6	1.4
3	5350.00	51.0 PK	74.0	-23.0	1.41 H	230	49.5	1.5
4	5350.00	40.2 AV	54.0	-13.8	1.41 H	230	38.7	1.5
5	5395.69	51.6 PK	74.0	-22.4	1.41 H	230	49.9	1.7
6	5395.69	40.5 AV	54.0	-13.5	1.41 H	230	38.8	1.7
7	#10480.00	57.2 PK	68.2	-11.0	1.42 H	121	44.4	12.8
8	15720.00	59.4 PK	74.0	-14.6	1.09 H	155	47.8	11.6
9	15720.00	47.2 AV	54.0	-6.8	1.09 H	155	35.6	11.6

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	*5240.00	111.0 PK			2.56 V	360	109.6	1.4
2	*5240.00	101.6 AV			2.56 V	360	100.2	1.4
3	5350.00	51.1 PK	74.0	-22.9	2.55 V	357	49.6	1.5
4	5350.00	40.9 AV	54.0	-13.1	2.55 V	357	39.4	1.5
5	#10480.00	53.9 PK	68.2	-14.3	1.02 V	309	41.1	12.8
6	15720.00	58.8 PK	74.0	-15.2	1.09 V	199	47.2	11.6
7	15720.00	48.7 AV	54.0	-5.3	1.09 V	199	37.1	11.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5027.18	51.4 PK	74.0	-22.6	1.38 H	230	49.7	1.7
2	5027.18	40.5 AV	54.0	-13.5	1.38 H	230	38.8	1.7
3	5150.00	51.1 PK	74.0	-22.9	1.38 H	230	49.0	2.1
4	5150.00	40.2 AV	54.0	-13.8	1.38 H	230	38.1	2.1
5	*5260.00	113.0 PK			1.38 H	230	111.7	1.3
6	*5260.00	104.8 AV			1.38 H	230	103.5	1.3
7	#10520.00	56.9 PK	68.2	-11.3	1.35 H	113	44.1	12.8
8	15780.00	58.2 PK	74.0	-15.8	1.04 H	168	46.5	11.7
9	15780.00	46.6 AV	54.0	-7.4	1.04 H	168	34.9	11.7

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	51.4 PK	74.0	-22.6	2.53 V	328	49.3	2.1
2	5150.00	41.0 AV	54.0	-13.0	2.53 V	328	38.9	2.1
3	*5260.00	109.7 PK			2.53 V	328	108.4	1.3
4	*5260.00	100.8 AV			2.53 V	328	99.5	1.3
5	#10520.00	53.8 PK	68.2	-14.4	1.00 V	326	41.0	12.8
6	15780.00	59.1 PK	74.0	-14.9	1.03 V	197	47.4	11.7
7	15780.00	48.7 AV	54.0	-5.3	1.03 V	197	37.0	11.7

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	111.5 PK			1.03 H	47	110.1	1.4
2	*5300.00	101.2 AV			1.03 H	47	99.8	1.4
3	10600.00	56.7 PK	74.0	-17.3	1.38 H	93	43.6	13.1
4	10600.00	43.9 AV	54.0	-10.1	1.38 H	93	30.8	13.1
5	15900.00	59.2 PK	74.0	-14.8	1.06 H	178	47.7	11.5
6	15900.00	47.2 AV	54.0	-6.8	1.06 H	178	35.7	11.5
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	*5300.00	107.3 PK			2.53 V	328	105.9	1.4
2	*5300.00	97.1 AV			2.53 V	328	95.7	1.4
3	10600.00	53.5 PK	74.0	-20.5	1.06 V	331	40.4	13.1
4	10600.00	43.1 AV	54.0	-10.9	1.06 V	331	30.0	13.1
5	15900.00	57.9 PK	74.0	-16.1	1.12 V	207	46.4	11.5
6	15900.00	47.9 AV	54.0	-6.1	1.12 V	207	36.4	11.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	106.7 PK			1.46 H	231	105.2	1.5
2	*5320.00	97.9 AV			1.46 H	231	96.4	1.5
3	5350.00	64.1 PK	74.0	-9.9	1.46 H	231	62.6	1.5
4	5350.00	50.2 AV	54.0	-3.8	1.46 H	231	48.7	1.5
5	10640.00	57.7 PK	74.0	-16.3	1.37 H	115	44.5	13.2
6	10640.00	44.9 AV	54.0	-9.1	1.37 H	115	31.7	13.2
7	15960.00	58.8 PK	74.0	-15.2	1.02 H	172	47.3	11.5
8	15960.00	46.5 AV	54.0	-7.5	1.02 H	172	35.0	11.5
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	107.1 PK			2.47 V	326	105.6	1.5
2	*5320.00	96.9 AV			2.47 V	326	95.4	1.5
3	5350.00	58.5 PK	74.0	-15.5	2.47 V	326	57.0	1.5
4	5350.00	46.7 AV	54.0	-7.3	2.47 V	326	45.2	1.5
5	10640.00	53.3 PK	74.0	-20.7	1.07 V	313	40.1	13.2
6	10640.00	43.4 AV	54.0	-10.6	1.07 V	313	30.2	13.2
7	15960.00	57.5 PK	74.0	-16.5	1.08 V	214	46.0	11.5
8	15960.00	47.6 AV	54.0	-6.4	1.08 V	214	36.1	11.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	57.8 PK	74.0	-16.2	1.41 H	231	55.9	1.9
2	5460.00	44.8 AV	54.0	-9.2	1.41 H	231	42.9	1.9
3	#5470.00	65.1 PK	68.2	-3.1	1.41 H	231	63.2	1.9
4	*5500.00	109.9 PK			1.41 H	231	108.0	1.9
5	*5500.00	101.9 AV			1.41 H	231	100.0	1.9
6	11000.00	57.9 PK	74.0	-16.1	1.38 H	104	44.3	13.6
7	11000.00	44.7 AV	54.0	-9.3	1.38 H	104	31.1	13.6
8	#16500.00	59.2 PK	68.2	-9.0	1.08 H	187	45.0	14.2
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	5460.00	56.2 PK	74.0	-17.8	2.52 V	311	54.3	1.9
2	5460.00	43.5 AV	54.0	-10.5	2.52 V	311	41.6	1.9
3	#5470.00	61.0 PK	68.2	-7.2	2.52 V	311	59.1	1.9
4	*5500.00	107.6 PK			2.52 V	311	105.7	1.9
5	*5500.00	97.1 AV			2.52 V	311	95.2	1.9
6	11000.00	53.6 PK	74.0	-20.4	1.05 V	330	40.0	13.6
7	11000.00	43.7 AV	54.0	-10.3	1.05 V	330	30.1	13.6
8	#16500.00	57.7 PK	68.2	-10.5	1.00 V	222	43.5	14.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	111.8 PK			1.03 H	45	109.7	2.1
2	*5580.00	100.9 AV			1.03 H	45	98.8	2.1
3	11160.00	56.7 PK	74.0	-17.3	1.30 H	98	44.0	12.7
4	11160.00	43.8 AV	54.0	-10.2	1.30 H	98	31.1	12.7
5	#16740.00	58.8 PK	68.2	-9.4	1.07 H	156	42.9	15.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	107.4 PK			2.54 V	298	105.3	2.1
2	*5580.00	97.4 AV			2.54 V	298	95.3	2.1
3	11160.00	53.6 PK	74.0	-20.4	1.10 V	320	40.9	12.7
4	11160.00	43.3 AV	54.0	-10.7	1.10 V	320	30.6	12.7
5	#16740.00	57.4 PK	68.2	-10.8	1.13 V	188	41.5	15.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	106.9 PK			1.44 H	231	104.7	2.2
2	*5700.00	98.1 AV			1.44 H	231	95.9	2.2
3	#5725.00	65.0 PK	68.2	-3.2	1.44 H	231	62.8	2.2
4	11400.00	56.8 PK	74.0	-17.2	1.30 H	100	43.3	13.5
5	11400.00	43.9 AV	54.0	-10.1	1.30 H	100	30.4	13.5
6	#17100.00	58.0 PK	68.2	-10.2	1.12 H	163	41.2	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	*5700.00	104.4 PK			2.52 V	301	102.2	2.2
2	*5700.00	94.8 AV			2.52 V	301	92.6	2.2
3	#5725.00	60.8 PK	68.2	-7.4	2.52 V	301	58.6	2.2
4	11400.00	52.8 PK	74.0	-21.2	1.14 V	360	39.3	13.5
5	11400.00	42.5 AV	54.0	-11.5	1.14 V	360	29.0	13.5
6	#17100.00	57.0 PK	68.2	-11.2	1.09 V	210	40.2	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	51.3 PK	68.2	-16.9	1.35 H	231	49.4	1.9
2	*5720.00	113.6 PK			1.35 H	231	111.4	2.2
3	*5720.00	104.6 AV			1.35 H	231	102.4	2.2
4	#5850.00	52.9 PK	68.2	-15.3	1.35 H	231	50.3	2.6
5	11440.00	57.0 PK	74.0	-17.0	1.31 H	107	43.3	13.7
6	11440.00	44.0 AV	54.0	-10.0	1.31 H	107	30.3	13.7
7	#17160.00	58.6 PK	68.2	-9.6	1.06 H	175	41.3	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	#5470.00	49.8 PK	68.2	-18.4	2.54 V	310	47.9	1.9
2	*5720.00	110.7 PK			2.54 V	310	108.5	2.2
3	*5720.00	101.1 AV			2.54 V	310	98.9	2.2
4	#5850.00	50.6 PK	68.2	-17.6	2.54 V	310	48.0	2.6
5	11440.00	53.0 PK	74.0	-21.0	1.28 V	360	39.3	13.7
6	11440.00	42.6 AV	54.0	-11.4	1.28 V	360	28.9	13.7
7	#17160.00	57.2 PK	68.2	-11.0	1.08 V	216	39.9	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5569.72	59.4 PK	68.2	-8.8	2.41 H	310	57.3	2.1
2	*5745.00	106.9 PK			2.41 H	310	104.6	2.3
3	*5745.00	95.8 AV			2.41 H	310	93.5	2.3
4	#5946.37	59.9 PK	68.2	-8.3	2.41 H	310	57.0	2.9
5	11490.00	56.5 PK	74.0	-17.5	1.33 H	97	42.4	14.1
6	11490.00	43.9 AV	54.0	-10.1	1.33 H	97	29.8	14.1
7	#17235.00	58.0 PK	68.2	-10.2	1.10 H	161	40.3	17.7
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	#5635.24	59.2 PK	68.2	-9.0	1.04 V	50	57.2	2.0
2	*5745.00	107.8 PK			1.04 V	50	105.5	2.3
3	*5745.00	96.7 AV			1.04 V	50	94.4	2.3
4	#5974.08	59.8 PK	68.2	-8.4	1.04 V	50	56.9	2.9
5	11490.00	52.8 PK	74.0	-21.2	1.25 V	356	38.7	14.1
6	11490.00	42.9 AV	54.0	-11.1	1.25 V	356	28.8	14.1
7	#17235.00	57.4 PK	68.2	-10.8	1.11 V	210	39.7	17.7

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5613.76	58.8 PK	68.2	-9.4	2.38 H	318	56.7	2.1
2	*5785.00	106.9 PK			2.38 H	318	104.5	2.4
3	*5785.00	95.8 AV			2.38 H	318	93.4	2.4
4	#5993.10	60.1 PK	68.2	-8.1	2.38 H	318	57.2	2.9
5	11570.00	56.6 PK	74.0	-17.4	1.27 H	116	42.5	14.1
6	11570.00	43.8 AV	54.0	-10.2	1.27 H	116	29.7	14.1
7	#17355.00	58.4 PK	68.2	-9.8	1.11 H	170	40.1	18.3
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	#5551.53	58.8 PK	68.2	-9.4	1.04 V	53	56.8	2.0
2	*5785.00	107.2 PK			1.04 V	53	104.8	2.4
3	*5785.00	96.4 AV			1.04 V	53	94.0	2.4
4	#5982.49	60.9 PK	68.2	-7.3	1.04 V	53	58.0	2.9
5	11570.00	52.9 PK	74.0	-21.1	1.19 V	360	38.8	14.1
6	11570.00	42.8 AV	54.0	-11.2	1.19 V	360	28.7	14.1
7	#17355.00	56.9 PK	68.2	-11.3	1.06 V	210	38.6	18.3

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5592.94	59.7 PK	68.2	-8.5	2.41 H	310	57.6	2.1
2	*5825.00	106.9 PK			2.41 H	310	104.4	2.5
3	*5825.00	96.0 AV			2.41 H	310	93.5	2.5
4	#5967.94	61.2 PK	68.2	-7.0	2.41 H	310	58.3	2.9
5	11650.00	56.6 PK	74.0	-17.4	1.29 H	99	42.7	13.9
6	11650.00	43.8 AV	54.0	-10.2	1.29 H	99	29.9	13.9
7	#17475.00	57.8 PK	68.2	-10.4	1.03 H	164	38.3	19.5
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	#5614.02	60.4 PK	68.2	-7.8	1.04 V	63	58.3	2.1
2	*5825.00	107.7 PK			1.04 V	63	105.2	2.5
3	*5825.00	96.4 AV			1.04 V	63	93.9	2.5
4	#5948.55	60.9 PK	68.2	-7.3	1.04 V	63	58.0	2.9
5	11650.00	52.8 PK	74.0	-21.2	1.28 V	360	38.9	13.9
6	11650.00	42.8 AV	54.0	-11.2	1.28 V	360	28.9	13.9
7	#17475.00	56.9 PK	68.2	-11.3	1.04 V	240	37.4	19.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ac (VHT40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	65.8 PK	74.0	-8.2	1.36 H	231	63.7	2.1
2	5150.00	50.4 AV	54.0	-3.6	1.36 H	231	48.3	2.1
3	*5190.00	103.9 PK			1.36 H	231	102.1	1.8
4	*5190.00	96.3 AV			1.36 H	231	94.5	1.8
5	5350.00	50.6 PK	74.0	-23.4	1.36 H	231	49.1	1.5
6	5350.00	41.5 AV	54.0	-12.5	1.36 H	231	40.0	1.5
7	#10380.00	54.2 PK	68.2	-14.0	1.30 H	85	41.9	12.3
8	15570.00	55.6 PK	74.0	-18.4	1.00 H	166	43.4	12.2
9	15570.00	44.3 AV	54.0	-9.7	1.00 H	166	32.1	12.2
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	5150.00	58.6 PK	74.0	-15.4	2.49 V	295	56.5	2.1
2	5150.00	47.2 AV	54.0	-6.8	2.49 V	295	45.1	2.1
3	*5190.00	100.7 PK			2.49 V	295	98.9	1.8
4	*5190.00	92.7 AV			2.49 V	295	90.9	1.8
5	5350.00	50.2 PK	74.0	-23.8	1.17 V	222	48.7	1.5
6	5350.00	40.3 AV	54.0	-13.7	1.17 V	222	38.8	1.5
7	#10380.00	51.7 PK	68.2	-16.5	1.10 V	330	39.4	12.3
8	15570.00	55.6 PK	74.0	-18.4	1.17 V	222	43.4	12.2
9	15570.00	43.4 AV	54.0	-10.6	1.17 V	222	31.2	12.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5230.00	110.8 PK			1.33 H	232	109.3	1.5
2	*5230.00	103.1 AV			1.33 H	232	101.6	1.5
3	5350.00	67.6 PK	74.0	-6.4	1.33 H	232	66.1	1.5
4	5350.00	50.4 AV	54.0	-3.6	1.33 H	232	48.9	1.5
5	#10460.00	54.3 PK	68.2	-13.9	1.33 H	84	41.6	12.7
6	15690.00	55.6 PK	74.0	-18.4	1.01 H	173	44.0	11.6
7	15690.00	44.3 AV	54.0	-9.7	1.01 H	173	32.7	11.6
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	*5230.00	107.7 PK			2.52 V	306	106.2	1.5
2	*5230.00	99.4 AV			2.52 V	306	97.9	1.5
3	5350.00	58.8 PK	74.0	-15.2	2.52 V	306	57.3	1.5
4	5350.00	47.4 AV	54.0	-6.6	2.52 V	306	45.9	1.5
5	#10460.00	51.2 PK	68.2	-17.0	1.14 V	328	38.5	12.7
6	15690.00	54.9 PK	74.0	-19.1	1.12 V	226	43.3	11.6
7	15690.00	42.9 AV	54.0	-11.1	1.12 V	226	31.3	11.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	53.7 PK	74.0	-20.3	1.36 H	231	51.6	2.1
2	5150.00	42.6 AV	54.0	-11.4	1.36 H	231	40.5	2.1
3	*5270.00	108.3 PK			1.36 H	231	107.0	1.3
4	*5270.00	100.7 AV			1.36 H	231	99.4	1.3
5	5350.00	65.8 PK	74.0	-8.2	1.36 H	231	64.3	1.5
6	5350.00	50.7 AV	54.0	-3.3	1.36 H	231	49.2	1.5
7	#10540.00	53.9 PK	68.2	-14.3	1.30 H	98	41.0	12.9
8	15810.00	55.9 PK	74.0	-18.1	1.00 H	156	44.2	11.7
9	15810.00	44.4 AV	54.0	-9.6	1.00 H	156	32.7	11.7
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	58.1 PK	74.0	-15.9	2.51 V	308	56.0	2.1
2	5150.00	46.8 AV	54.0	-7.2	2.51 V	308	44.7	2.1
3	*5270.00	105.8 PK			2.51 V	308	104.5	1.3
4	*5270.00	97.6 AV			2.51 V	308	96.3	1.3
5	#10540.00	51.3 PK	68.2	-16.9	1.15 V	322	38.4	12.9
6	15810.00	55.3 PK	74.0	-18.7	1.22 V	228	43.6	11.7
7	15810.00	43.4 AV	54.0	-10.6	1.22 V	228	31.7	11.7

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	104.0 PK			1.32 H	231	102.6	1.4
2	*5310.00	96.0 AV			1.32 H	231	94.6	1.4
3	5350.00	65.9 PK	74.0	-8.1	1.32 H	231	64.4	1.5
4	5350.00	51.0 AV	54.0	-3.0	1.32 H	231	49.5	1.5
5	10620.00	54.6 PK	74.0	-19.4	1.28 H	86	41.5	13.1
6	10620.00	41.6 AV	54.0	-12.4	1.28 H	86	28.5	13.1
7	15930.00	55.5 PK	74.0	-18.5	1.00 H	157	44.0	11.5
8	15930.00	44.5 AV	54.0	-9.5	1.00 H	157	33.0	11.5
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	*5310.00	101.2 PK			2.52 V	293	99.8	1.4
2	*5310.00	92.2 AV			2.52 V	293	90.8	1.4
3	5350.00	58.1 PK	74.0	-15.9	2.52 V	293	56.6	1.5
4	5350.00	46.9 AV	54.0	-7.1	2.52 V	293	45.4	1.5
5	10620.00	52.1 PK	74.0	-21.9	1.14 V	340	39.0	13.1
6	10620.00	41.6 AV	54.0	-12.4	1.14 V	340	28.5	13.1
7	15930.00	56.0 PK	74.0	-18.0	1.13 V	216	44.5	11.5
8	15930.00	43.8 AV	54.0	-10.2	1.13 V	216	32.3	11.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	65.2 PK	68.2	-3.0	1.39 H	232	63.3	1.9
2	*5510.00	103.2 PK			1.39 H	232	101.3	1.9
3	*5510.00	95.7 AV			1.39 H	232	93.8	1.9
4	11020.00	54.8 PK	74.0	-19.2	1.33 H	73	41.4	13.4
5	11020.00	41.8 AV	54.0	-12.2	1.33 H	73	28.4	13.4
6	#16530.00	56.0 PK	68.2	-12.2	1.02 H	176	41.5	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	61.3 PK	68.2	-6.9	2.48 V	299	59.4	1.9
2	*5510.00	100.4 PK			2.48 V	299	98.5	1.9
3	*5510.00	92.4 AV			2.48 V	299	90.5	1.9
4	11020.00	51.7 PK	74.0	-22.3	1.13 V	327	38.3	13.4
5	11020.00	41.2 AV	54.0	-12.8	1.13 V	327	27.8	13.4
6	#16530.00	56.0 PK	68.2	-12.2	1.15 V	232	41.5	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	65.1 PK	68.2	-3.1	1.13 H	44	63.2	1.9
2	*5550.00	108.6 PK			1.13 H	44	106.6	2.0
3	*5550.00	99.7 AV			1.13 H	44	97.7	2.0
4	11100.00	54.4 PK	74.0	-19.6	1.31 H	78	41.5	12.9
5	11100.00	41.4 AV	54.0	-12.6	1.31 H	78	28.5	12.9
6	#16650.00	55.2 PK	68.2	-13.0	1.00 H	178	40.0	15.2
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	#5470.00	61.6 PK	68.2	-6.6	2.46 V	308	59.7	1.9
2	*5550.00	105.5 PK			2.46 V	308	103.5	2.0
3	*5550.00	96.2 AV			2.46 V	308	94.2	2.0
4	11100.00	51.5 PK	74.0	-22.5	1.07 V	327	38.6	12.9
5	11100.00	41.0 AV	54.0	-13.0	1.07 V	327	28.1	12.9
6	#16650.00	56.1 PK	68.2	-12.1	1.21 V	234	40.9	15.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	105.2 PK			1.45 H	231	103.1	2.1
2	*5670.00	97.8 AV			1.45 H	231	95.7	2.1
3	#5725.00	65.1 PK	68.2	-3.1	1.45 H	231	62.9	2.2
4	11340.00	54.1 PK	74.0	-19.9	1.33 H	76	41.1	13.0
5	11340.00	41.4 AV	54.0	-12.6	1.33 H	76	28.4	13.0
6	#17010.00	55.7 PK	68.2	-12.5	1.00 H	161	38.8	16.9
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	*5670.00	102.0 PK			2.46 V	301	99.9	2.1
2	*5670.00	94.1 AV			2.46 V	301	92.0	2.1
3	#5725.00	61.0 PK	68.2	-7.2	2.46 V	301	58.8	2.2
4	11340.00	51.1 PK	74.0	-22.9	1.11 V	338	38.1	13.0
5	11340.00	40.9 AV	54.0	-13.1	1.11 V	338	27.9	13.0
6	#17010.00	55.8 PK	68.2	-12.4	1.26 V	242	38.9	16.9

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	54.9 PK	68.2	-13.3	1.44 H	232	53.0	1.9
2	*5710.00	110.1 PK			1.44 H	232	107.9	2.2
3	*5710.00	102.2 AV			1.44 H	232	100.0	2.2
4	#5850.00	62.6 PK	68.2	-5.6	1.44 H	232	60.0	2.6
5	11420.00	54.1 PK	74.0	-19.9	1.32 H	94	40.5	13.6
6	11420.00	41.7 AV	54.0	-12.3	1.32 H	94	28.1	13.6
7	#17130.00	55.6 PK	68.2	-12.6	1.04 H	175	38.5	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	#5470.00	51.3 PK	68.2	-16.9	2.44 V	307	49.4	1.9
2	*5710.00	107.4 PK			2.44 V	307	105.2	2.2
3	*5710.00	98.5 AV			2.44 V	307	96.3	2.2
4	#5850.00	58.2 PK	68.2	-10.0	2.44 V	307	55.6	2.6
5	11420.00	51.5 PK	74.0	-22.5	1.16 V	328	37.9	13.6
6	11420.00	41.1 AV	54.0	-12.9	1.16 V	328	27.5	13.6
7	#17130.00	55.2 PK	68.2	-13.0	1.22 V	231	38.1	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5570.06	59.7 PK	68.2	-8.5	2.25 H	310	57.6	2.1
2	*5755.00	103.0 PK			2.25 H	310	100.7	2.3
3	*5755.00	93.8 AV			2.25 H	310	91.5	2.3
4	#5958.89	60.6 PK	68.2	-7.6	2.25 H	310	57.7	2.9
5	11510.00	54.1 PK	74.0	-19.9	1.33 H	72	40.0	14.1
6	11510.00	41.4 AV	54.0	-12.6	1.33 H	72	27.3	14.1
7	#17265.00	55.4 PK	68.2	-12.8	1.01 H	172	37.6	17.8
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	#5589.69	59.4 PK	68.2	-8.8	1.04 V	51	57.3	2.1
2	*5755.00	103.8 PK			1.04 V	51	101.5	2.3
3	*5755.00	94.9 AV			1.04 V	51	92.6	2.3
4	#5981.28	61.0 PK	68.2	-7.2	1.04 V	51	58.1	2.9
5	11510.00	51.2 PK	74.0	-22.8	1.19 V	317	37.1	14.1
6	11510.00	40.9 AV	54.0	-13.1	1.19 V	317	26.8	14.1
7	#17265.00	55.5 PK	68.2	-12.7	1.16 V	233	37.7	17.8

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5605.72	59.9 PK	68.2	-8.3	2.25 H	315	57.8	2.1
2	*5795.00	103.4 PK			2.25 H	315	100.9	2.5
3	*5795.00	94.2 AV			2.25 H	315	91.7	2.5
4	#5963.70	60.9 PK	68.2	-7.3	2.25 H	315	58.0	2.9
5	11590.00	53.9 PK	74.0	-20.1	1.24 H	90	39.8	14.1
6	11590.00	41.2 AV	54.0	-12.8	1.24 H	90	27.1	14.1
7	#17385.00	55.3 PK	68.2	-12.9	1.00 H	162	36.8	18.5
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	#5605.87	59.2 PK	68.2	-9.0	1.02 V	59	57.1	2.1
2	*5795.00	104.0 PK			1.02 V	59	101.5	2.5
3	*5795.00	94.8 AV			1.02 V	59	92.3	2.5
4	#5993.15	59.9 PK	68.2	-8.3	1.02 V	59	57.0	2.9
5	11590.00	51.6 PK	74.0	-22.4	1.10 V	344	37.5	14.1
6	11590.00	41.0 AV	54.0	-13.0	1.10 V	344	26.9	14.1
7	#17385.00	55.1 PK	68.2	-13.1	1.22 V	226	36.6	18.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ac (VHT80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.8 PK	74.0	-7.2	1.44 H	230	64.7	2.1
2	5150.00	50.8 AV	54.0	-3.2	1.44 H	230	48.7	2.1
3	*5210.00	101.2 PK			1.44 H	230	99.6	1.6
4	*5210.00	93.6 AV			1.44 H	230	92.0	1.6
5	5350.00	53.1 PK	74.0	-20.9	1.44 H	230	51.6	1.5
6	5350.00	43.1 AV	54.0	-10.9	1.44 H	230	41.6	1.5
7	#10420.00	53.3 PK	68.2	-14.9	1.30 H	91	40.9	12.4
8	15630.00	54.7 PK	74.0	-19.3	1.00 H	169	42.9	11.8
9	15630.00	43.8 AV	54.0	-10.2	1.00 H	169	32.0	11.8
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	2.38 V	301	56.4	2.1
2	5150.00	47.1 AV	54.0	-6.9	2.38 V	301	45.0	2.1
3	*5210.00	98.3 PK			2.38 V	301	96.7	1.6
4	*5210.00	89.8 AV			2.38 V	301	88.2	1.6
5	5350.00	50.0 PK	74.0	-24.0	2.38 V	301	48.5	1.5
6	5350.00	40.3 AV	54.0	-13.7	2.38 V	301	38.8	1.5
7	#10420.00	51.1 PK	68.2	-17.1	1.17 V	307	38.7	12.4
8	15630.00	55.5 PK	74.0	-18.5	1.21 V	240	43.7	11.8
9	15630.00	43.6 AV	54.0	-10.4	1.21 V	240	31.8	11.8

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	51.0 PK	74.0	-23.0	1.34 H	231	48.9	2.1
2	5150.00	41.3 AV	54.0	-12.7	1.34 H	231	39.2	2.1
3	*5290.00	100.1 PK			1.34 H	231	98.7	1.4
4	*5290.00	92.5 AV			1.34 H	231	91.1	1.4
5	5350.00	65.9 PK	74.0	-8.1	1.34 H	231	64.4	1.5
6	5350.00	49.6 AV	54.0	-4.4	1.34 H	231	48.1	1.5
7	#10580.00	54.3 PK	68.2	-13.9	1.24 H	88	41.4	12.9
8	15870.00	55.5 PK	74.0	-18.5	1.00 H	163	43.9	11.6
9	15870.00	44.4 AV	54.0	-9.6	1.00 H	163	32.8	11.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	50.8 PK	74.0	-23.2	2.34 V	287	48.7	2.1
2	5150.00	41.1 AV	54.0	-12.9	2.34 V	287	39.0	2.1
3	*5290.00	98.1 PK			2.34 V	287	96.7	1.4
4	*5290.00	89.5 AV			2.34 V	287	88.1	1.4
5	5350.00	58.5 PK	74.0	-15.5	2.34 V	287	57.0	1.5
6	5350.00	47.2 AV	54.0	-6.8	2.34 V	287	45.7	1.5
7	#10580.00	51.2 PK	68.2	-17.0	1.21 V	308	38.3	12.9
8	15870.00	55.3 PK	74.0	-18.7	1.21 V	248	43.7	11.6
9	15870.00	43.6 AV	54.0	-10.4	1.21 V	248	32.0	11.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	58.4 PK	74.0	-15.6	1.36 H	232	56.5	1.9
2	5460.00	48.0 AV	54.0	-6.0	1.36 H	232	46.1	1.9
3	#5470.00	63.5 PK	68.2	-4.7	1.36 H	232	61.6	1.9
4	*5530.00	100.1 PK			1.36 H	232	98.1	2.0
5	*5530.00	92.3 AV			1.36 H	232	90.3	2.0
6	#5725.00	51.3 PK	68.2	-16.9	1.36 H	232	49.1	2.2
7	11060.00	54.0 PK	74.0	-20.0	1.25 H	97	40.8	13.2
8	11060.00	41.3 AV	54.0	-12.7	1.25 H	97	28.1	13.2
9	#16590.00	55.3 PK	68.2	-12.9	1.02 H	167	40.5	14.8

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	5460.00	57.4 PK	74.0	-16.6	2.36 V	288	55.5	1.9
2	5460.00	47.2 AV	54.0	-6.8	2.36 V	288	45.3	1.9
3	#5470.00	59.3 PK	68.2	-8.9	2.36 V	288	57.4	1.9
4	*5530.00	98.5 PK			2.36 V	288	96.5	2.0
5	*5530.00	89.9 AV			2.36 V	288	87.9	2.0
6	#5725.00	50.8 PK	68.2	-17.4	2.36 V	288	48.6	2.2
7	11060.00	51.5 PK	74.0	-22.5	1.19 V	309	38.3	13.2
8	11060.00	41.3 AV	54.0	-12.7	1.19 V	309	28.1	13.2
9	#16590.00	54.9 PK	68.2	-13.3	1.20 V	249	40.1	14.8

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	104.0 PK			1.34 H	232	101.9	2.1
2	*5610.00	96.3 AV			1.34 H	232	94.2	2.1
3	#5725.00	64.1 PK	68.2	-4.1	1.34 H	232	61.9	2.2
4	11220.00	54.1 PK	74.0	-19.9	1.28 H	78	41.5	12.6
5	11220.00	41.4 AV	54.0	-12.6	1.28 H	78	28.8	12.6
6	#16830.00	55.4 PK	68.2	-12.8	1.00 H	156	39.1	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	*5610.00	101.2 PK			2.37 V	290	99.1	2.1
2	*5610.00	92.7 AV			2.37 V	290	90.6	2.1
3	#5725.00	60.6 PK	68.2	-7.6	2.37 V	290	58.4	2.2
4	11220.00	52.0 PK	74.0	-22.0	1.23 V	318	39.4	12.6
5	11220.00	41.6 AV	54.0	-12.4	1.23 V	318	29.0	12.6
6	#16830.00	55.1 PK	68.2	-13.1	1.18 V	245	38.8	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	61.9 PK	68.2	-6.3	1.33 H	231	60.0	1.9
2	*5690.00	105.8 PK			1.33 H	231	103.7	2.1
3	*5690.00	98.2 AV			1.33 H	231	96.1	2.1
4	#5850.00	62.1 PK	68.2	-6.1	1.33 H	231	59.5	2.6
5	11380.00	53.6 PK	74.0	-20.4	1.22 H	101	40.3	13.3
6	11380.00	41.1 AV	54.0	-12.9	1.22 H	101	27.8	13.3
7	#17070.00	55.5 PK	68.2	-12.7	1.00 H	154	38.6	16.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	51.5 PK	68.2	-16.7	2.42 V	290	49.6	1.9
2	*5690.00	103.6 PK			2.42 V	290	101.5	2.1
3	*5690.00	95.2 AV			2.42 V	290	93.1	2.1
4	#5850.00	58.5 PK	68.2	-9.7	2.42 V	290	55.9	2.6
5	11380.00	52.4 PK	74.0	-21.6	1.25 V	311	39.1	13.3
6	11380.00	42.3 AV	54.0	-11.7	1.25 V	311	29.0	13.3
7	#17070.00	54.8 PK	68.2	-13.4	1.17 V	246	37.9	16.9

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5592.28	60.2 PK	68.2	-8.0	2.42 H	309	58.1	2.1
2	*5775.00	98.9 PK			2.42 H	309	96.5	2.4
3	*5775.00	90.1 AV			2.42 H	309	87.7	2.4
4	#5969.71	61.6 PK	68.2	-6.6	2.42 H	309	58.7	2.9
5	11550.00	54.5 PK	74.0	-19.5	1.26 H	92	40.3	14.2
6	11550.00	41.6 AV	54.0	-12.4	1.26 H	92	27.4	14.2
7	#17325.00	55.1 PK	68.2	-13.1	1.00 H	178	37.0	18.1
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	#5637.85	59.7 PK	68.2	-8.5	1.08 V	50	57.7	2.0
2	*5775.00	100.6 PK			1.08 V	50	98.2	2.4
3	*5775.00	92.0 AV			1.08 V	50	89.6	2.4
4	#6008.91	60.5 PK	68.2	-7.7	1.08 V	50	57.6	2.9
5	11550.00	52.1 PK	74.0	-21.9	1.24 V	312	37.9	14.2
6	11550.00	41.9 AV	54.0	-12.1	1.24 V	312	27.7	14.2
7	#17325.00	54.8 PK	68.2	-13.4	1.19 V	256	36.7	18.1

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Below 1GHz Data:

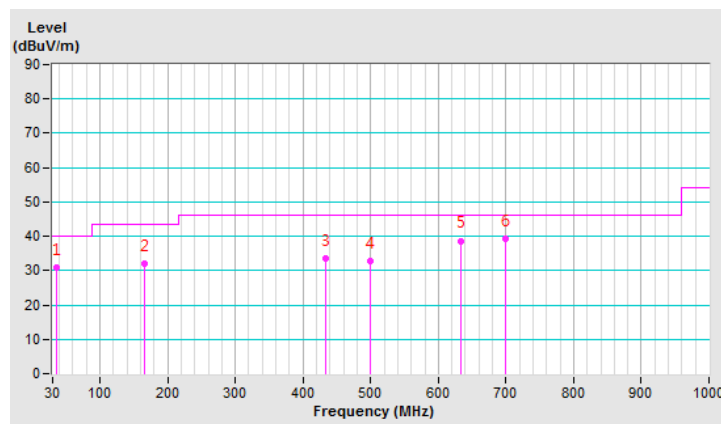
802.11ac (VHT20)

CHANNEL	TX Channel 116	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	36.13	30.9 QP	40.0	-9.1	2.00 H	20	49.8	-18.9
2	166.06	31.9 QP	43.5	-11.6	2.50 H	64	50.1	-18.2
3	432.85	33.5 QP	46.0	-12.5	1.50 H	95	47.5	-14.0
4	500.32	32.7 QP	46.0	-13.3	2.00 H	248	45.5	-12.8
5	633.41	38.7 QP	46.0	-7.3	3.00 H	284	48.7	-10.0
6	699.27	39.1 QP	46.0	-6.9	1.50 H	238	48.2	-9.1

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. 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.

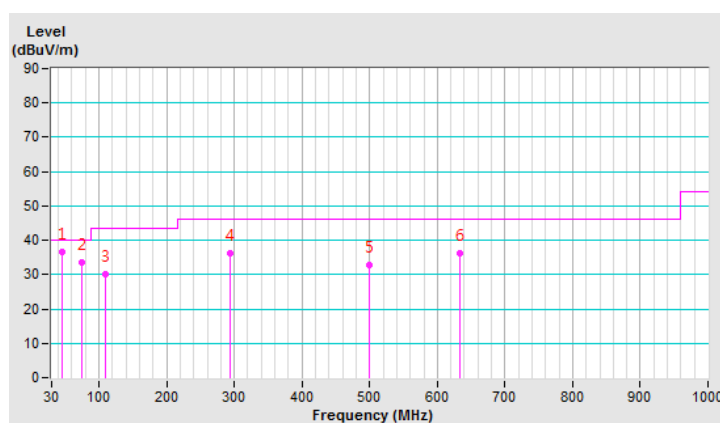


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

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	45.20	36.7 QP	40.0	-3.3	1.00 V	164	54.8	-18.1
2	74.11	33.5 QP	40.0	-6.5	1.00 V	210	54.8	-21.3
3	109.03	30.1 QP	43.5	-13.4	2.50 V	259	51.0	-20.9
4	293.85	36.3 QP	46.0	-9.7	2.00 V	354	53.8	-17.5
5	499.66	32.7 QP	46.0	-13.3	2.50 V	12	45.5	-12.8
6	632.96	36.1 QP	46.0	-9.9	2.25 V	328	46.1	-10.0

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. 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.



For external Ant. No.: 5 (Chain 1) PIFA antenna (Model: SZ07751)

Above 1GHz Data:

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	65.1 PK	74.0	-8.9	1.28 H	285	63.0	2.1
2	5150.00	49.9 AV	54.0	-4.1	1.28 H	285	47.8	2.1
3	*5180.00	111.2 PK			1.28 H	285	109.4	1.8
4	*5180.00	100.1 AV			1.28 H	285	98.3	1.8
5	#10360.00	52.0 PK	68.2	-16.2	1.03 H	119	39.9	12.1
6	15540.00	59.5 PK	74.0	-14.5	1.13 H	197	47.3	12.2
7	15540.00	47.7 AV	54.0	-6.3	1.13 H	197	35.5	12.2
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	5150.00	59.1 PK	74.0	-14.9	3.55 V	264	57.0	2.1
2	5150.00	47.6 AV	54.0	-6.4	3.55 V	264	45.5	2.1
3	*5180.00	105.9 PK			3.55 V	264	104.1	1.8
4	*5180.00	94.3 AV			3.55 V	264	92.5	1.8
5	#10360.00	51.7 PK	68.2	-16.5	3.76 V	257	39.6	12.1
6	15540.00	60.0 PK	74.0	-14.0	2.65 V	92	47.8	12.2
7	15540.00	48.9 AV	54.0	-5.1	2.65 V	92	36.7	12.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	114.0 PK			1.33 H	277	112.3	1.7
2	*5200.00	103.6 AV			1.33 H	277	101.9	1.7
3	#10400.00	52.4 PK	68.2	-15.8	1.03 H	121	40.0	12.4
4	15600.00	58.0 PK	74.0	-16.0	1.13 H	195	46.0	12.0
5	15600.00	46.5 AV	54.0	-7.5	1.13 H	195	34.5	12.0
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	*5200.00	108.7 PK			3.57 V	257	107.0	1.7
2	*5200.00	97.8 AV			3.57 V	257	96.1	1.7
3	#10400.00	51.6 PK	68.2	-16.6	3.78 V	255	39.2	12.4
4	15600.00	60.2 PK	74.0	-13.8	2.62 V	107	48.2	12.0
5	15600.00	49.2 AV	54.0	-4.8	2.62 V	107	37.2	12.0

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	114.2 PK			1.37 H	285	112.8	1.4
2	*5240.00	103.5 AV			1.37 H	285	102.1	1.4
3	5350.00	50.2 PK	74.0	-23.8	1.37 H	285	48.7	1.5
4	5350.00	38.3 AV	54.0	-15.7	1.37 H	285	36.8	1.5
5	#10480.00	52.5 PK	68.2	-15.7	1.04 H	115	39.7	12.8
6	15720.00	58.4 PK	74.0	-15.6	1.19 H	196	46.8	11.6
7	15720.00	47.0 AV	54.0	-7.0	1.19 H	196	35.4	11.6
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	*5240.00	108.6 PK			3.54 V	250	107.2	1.4
2	*5240.00	97.6 AV			3.54 V	250	96.2	1.4
3	5350.00	50.1 PK	74.0	-23.9	3.54 V	250	48.6	1.5
4	5350.00	38.1 AV	54.0	-15.9	3.54 V	250	36.6	1.5
5	#10480.00	52.0 PK	68.2	-16.2	3.82 V	240	39.2	12.8
6	15720.00	59.8 PK	74.0	-14.2	2.67 V	108	48.2	11.6
7	15720.00	49.1 AV	54.0	-4.9	2.67 V	108	37.5	11.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	50.1 PK	74.0	-23.9	1.13 H	283	48.0	2.1
2	5150.00	37.5 AV	54.0	-16.5	1.13 H	283	35.4	2.1
3	*5260.00	113.8 PK			1.13 H	283	112.5	1.3
4	*5260.00	103.5 AV			1.13 H	283	102.2	1.3
5	#10520.00	52.8 PK	68.2	-15.4	1.06 H	125	40.0	12.8
6	15780.00	59.2 PK	74.0	-14.8	1.22 H	209	47.5	11.7
7	15780.00	47.4 AV	54.0	-6.6	1.22 H	209	35.7	11.7
8	#50236.53	51.1 PK	68.2	-17.1	1.13 H	283	51.1	0.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	50.3 PK	74.0	-23.7	3.52 V	256	48.2	2.1
2	5150.00	38.4 AV	54.0	-15.6	3.52 V	256	36.3	2.1
3	*5260.00	108.5 PK			3.52 V	256	107.2	1.3
4	*5260.00	97.5 AV			3.52 V	256	96.2	1.3
5	#10520.00	52.4 PK	68.2	-15.8	3.76 V	235	39.6	12.8
6	15780.00	60.1 PK	74.0	-13.9	2.65 V	102	48.4	11.7
7	15780.00	49.3 AV	54.0	-4.7	2.65 V	102	37.6	11.7

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	114.2 PK			1.17 H	275	112.8	1.4
2	*5300.00	103.7 AV			1.17 H	275	102.3	1.4
3	10600.00	52.5 PK	74.0	-21.5	1.01 H	123	39.4	13.1
4	10600.00	42.5 AV	54.0	-11.5	1.01 H	123	29.4	13.1
5	15900.00	59.1 PK	74.0	-14.9	1.17 H	198	47.6	11.5
6	15900.00	47.5 AV	54.0	-6.5	1.17 H	198	36.0	11.5
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	*5300.00	108.9 PK			3.55 V	253	107.5	1.4
2	*5300.00	97.7 AV			3.55 V	253	96.3	1.4
3	10600.00	52.5 PK	74.0	-21.5	3.74 V	259	39.4	13.1
4	10600.00	42.2 AV	54.0	-11.8	3.74 V	259	29.1	13.1
5	15900.00	60.4 PK	74.0	-13.6	2.66 V	94	48.9	11.5
6	15900.00	49.4 AV	54.0	-4.6	2.66 V	94	37.9	11.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	112.3 PK			1.06 H	283	110.8	1.5
2	*5320.00	101.4 AV			1.06 H	283	99.9	1.5
3	5350.00	68.3 PK	74.0	-5.7	1.06 H	283	66.8	1.5
4	5350.00	50.5 AV	54.0	-3.5	1.06 H	283	49.0	1.5
5	10640.00	52.3 PK	74.0	-21.7	1.12 H	135	39.1	13.2
6	10640.00	42.5 AV	54.0	-11.5	1.12 H	135	29.3	13.2
7	15960.00	59.5 PK	74.0	-14.5	1.23 H	222	48.0	11.5
8	15960.00	47.7 AV	54.0	-6.3	1.23 H	222	36.2	11.5
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	107.0 PK			3.50 V	244	105.5	1.5
2	*5320.00	95.6 AV			3.50 V	244	94.1	1.5
3	5350.00	58.1 PK	74.0	-15.9	3.50 V	244	56.6	1.5
4	5350.00	46.4 AV	54.0	-7.6	3.50 V	244	44.9	1.5
5	10640.00	52.4 PK	74.0	-21.6	3.71 V	246	39.2	13.2
6	10640.00	42.2 AV	54.0	-11.8	3.71 V	246	29.0	13.2
7	15960.00	60.6 PK	74.0	-13.4	2.63 V	83	49.1	11.5
8	15960.00	49.9 AV	54.0	-4.1	2.63 V	83	38.4	11.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	55.5 PK	74.0	-18.5	1.03 H	279	53.6	1.9
2	5460.00	41.6 AV	54.0	-12.4	1.03 H	279	39.7	1.9
3	#5470.00	62.9 PK	68.2	-5.3	1.03 H	279	61.0	1.9
4	*5500.00	108.7 PK			1.03 H	279	106.8	1.9
5	*5500.00	97.8 AV			1.03 H	279	95.9	1.9
6	11000.00	52.0 PK	74.0	-22.0	1.02 H	131	38.4	13.6
7	11000.00	42.3 AV	54.0	-11.7	1.02 H	131	28.7	13.6
8	#16500.00	58.6 PK	68.2	-9.6	1.23 H	220	44.4	14.2
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	5460.00	54.9 PK	74.0	-19.1	3.50 V	252	53.0	1.9
2	5460.00	40.6 AV	54.0	-13.4	3.50 V	252	38.7	1.9
3	#5470.00	60.2 PK	68.2	-8.0	3.50 V	252	58.3	1.9
4	*5500.00	103.4 PK			3.50 V	252	101.5	1.9
5	*5500.00	92.0 AV			3.50 V	252	90.1	1.9
6	11000.00	51.9 PK	74.0	-22.1	3.69 V	236	38.3	13.6
7	11000.00	42.0 AV	54.0	-12.0	3.69 V	236	28.4	13.6
8	#16500.00	60.7 PK	68.2	-7.5	2.65 V	79	46.5	14.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	114.3 PK			1.38 H	280	112.2	2.1
2	*5580.00	103.8 AV			1.38 H	280	101.7	2.1
3	11160.00	52.8 PK	74.0	-21.2	1.01 H	115	40.1	12.7
4	11160.00	42.6 AV	54.0	-11.4	1.01 H	115	29.9	12.7
5	#16740.00	57.8 PK	68.2	-10.4	1.23 H	210	41.9	15.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	108.0 PK			3.58 V	242	105.9	2.1
2	*5580.00	97.2 AV			3.58 V	242	95.1	2.1
3	11160.00	52.0 PK	74.0	-22.0	3.87 V	229	39.3	12.7
4	11160.00	42.1 AV	54.0	-11.9	3.87 V	229	29.4	12.7
5	#16740.00	60.0 PK	68.2	-8.2	2.70 V	112	44.1	15.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	105.7 PK			1.07 H	292	103.5	2.2
2	*5700.00	95.1 AV			1.07 H	292	92.9	2.2
3	#5725.00	64.3 PK	68.2	-3.9	1.07 H	292	62.1	2.2
4	11400.00	52.7 PK	74.0	-21.3	1.01 H	129	39.2	13.5
5	11400.00	42.7 AV	54.0	-11.3	1.01 H	129	29.2	13.5
6	#17100.00	57.7 PK	68.2	-10.5	1.22 H	207	40.9	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	*5700.00	100.4 PK			3.54 V	239	98.2	2.2
2	*5700.00	89.3 AV			3.54 V	239	87.1	2.2
3	#5725.00	59.9 PK	68.2	-8.3	3.54 V	239	57.7	2.2
4	11400.00	51.5 PK	74.0	-22.5	3.89 V	237	38.0	13.5
5	11400.00	41.8 AV	54.0	-12.2	3.89 V	237	28.3	13.5
6	#17100.00	59.8 PK	68.2	-8.4	2.74 V	127	43.0	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	48.6 PK	68.2	-19.6	1.15 H	300	46.7	1.9
2	*5720.00	112.6 PK			1.15 H	300	110.4	2.2
3	*5720.00	102.6 AV			1.15 H	300	100.4	2.2
4	#5850.00	50.2 PK	68.2	-18.0	1.15 H	300	47.6	2.6
5	11440.00	52.5 PK	74.0	-21.5	1.07 H	127	38.8	13.7
6	11440.00	42.4 AV	54.0	-11.6	1.07 H	127	28.7	13.7
7	#17160.00	57.6 PK	68.2	-10.6	1.26 H	208	40.3	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	#5470.00	48.4 PK	68.2	-19.8	3.51 V	232	46.5	1.9
2	*5720.00	107.3 PK			3.51 V	232	105.1	2.2
3	*5720.00	96.8 AV			3.51 V	232	94.6	2.2
4	#5850.00	49.4 PK	68.2	-18.8	3.51 V	232	46.8	2.6
5	11440.00	51.7 PK	74.0	-22.3	3.84 V	228	38.0	13.7
6	11440.00	42.0 AV	54.0	-12.0	3.84 V	228	28.3	13.7
7	#17160.00	59.6 PK	68.2	-8.6	2.74 V	131	42.3	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5586.86	58.7 PK	68.2	-9.5	1.06 H	161	56.6	2.1
2	*5745.00	110.3 PK			1.06 H	173	108.0	2.3
3	*5745.00	99.1 AV			1.06 H	173	96.8	2.3
4	#5942.35	59.8 PK	68.2	-8.4	1.06 H	161	57.0	2.8
5	11490.00	52.6 PK	74.0	-21.4	1.01 H	138	38.5	14.1
6	11490.00	42.5 AV	54.0	-11.5	1.01 H	138	28.4	14.1
7	#17235.00	57.8 PK	68.2	-10.4	1.22 H	193	40.1	17.7
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	#5564.29	59.8 PK	68.2	-8.4	1.07 V	251	57.8	2.0
2	*5745.00	109.5 PK			1.07 V	251	107.2	2.3
3	*5745.00	98.4 AV			1.07 V	251	96.1	2.3
4	#6005.90	60.0 PK	68.2	-8.2	1.07 V	251	57.1	2.9
5	11490.00	51.9 PK	74.0	-22.1	3.82 V	217	37.8	14.1
6	11490.00	42.3 AV	54.0	-11.7	3.82 V	217	28.2	14.1
7	#17235.00	59.7 PK	68.2	-8.5	2.77 V	120	42.0	17.7

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5613.25	59.3 PK	68.2	-8.9	1.03 H	174	57.2	2.1
2	*5785.00	109.8 PK			1.03 H	174	107.4	2.4
3	*5785.00	98.7 AV			1.03 H	174	96.3	2.4
4	#5983.47	60.2 PK	68.2	-8.0	1.03 H	174	57.3	2.9
5	11570.00	53.1 PK	74.0	-20.9	1.02 H	137	39.0	14.1
6	11570.00	42.7 AV	54.0	-11.3	1.02 H	137	28.6	14.1
7	#17355.00	57.5 PK	68.2	-10.7	1.25 H	199	39.2	18.3

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	#5557.55	58.6 PK	68.2	-9.6	1.03 V	251	56.6	2.0
2	*5785.00	109.9 PK			1.03 V	251	107.5	2.4
3	*5785.00	98.4 AV			1.03 V	251	96.0	2.4
4	#5973.41	60.1 PK	68.2	-8.1	1.03 V	251	57.2	2.9
5	11570.00	51.3 PK	74.0	-22.7	3.88 V	222	37.2	14.1
6	11570.00	41.5 AV	54.0	-12.5	3.88 V	222	27.4	14.1
7	#17355.00	59.4 PK	68.2	-8.8	2.77 V	146	41.1	18.3

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5625.63	59.7 PK	68.2	-8.5	1.05 H	167	57.6	2.1
2	*5825.00	109.7 PK			1.05 H	167	107.2	2.5
3	*5825.00	98.4 AV			1.05 H	167	95.9	2.5
4	#5962.07	60.0 PK	68.2	-8.2	1.05 H	167	57.1	2.9
5	11650.00	52.6 PK	74.0	-21.4	1.12 H	139	38.7	13.9
6	11650.00	42.7 AV	54.0	-11.3	1.12 H	139	28.8	13.9
7	#17475.00	57.6 PK	68.2	-10.6	1.27 H	216	38.1	19.5
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	#5576.83	59.6 PK	68.2	-8.6	1.04 V	235	57.5	2.1
2	*5825.00	108.8 PK			1.04 V	235	106.3	2.5
3	*5825.00	97.6 AV			1.04 V	235	95.1	2.5
4	#6004.98	59.9 PK	68.2	-8.3	1.04 V	235	57.0	2.9
5	11650.00	51.6 PK	74.0	-22.4	3.86 V	222	37.7	13.9
6	11650.00	41.8 AV	54.0	-12.2	3.86 V	222	27.9	13.9
7	#17475.00	59.8 PK	68.2	-8.4	2.73 V	139	40.3	19.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ac (VHT20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.2 PK	74.0	-6.8	1.00 H	278	65.1	2.1
2	5150.00	50.9 AV	54.0	-3.1	1.00 H	278	48.8	2.1
3	*5180.00	110.5 PK			1.00 H	278	108.7	1.8
4	*5180.00	99.7 AV			1.00 H	278	97.9	1.8
5	#10360.00	52.1 PK	68.2	-16.1	1.07 H	144	40.0	12.1
6	15540.00	58.5 PK	74.0	-15.5	1.26 H	216	46.3	12.2
7	15540.00	47.0 AV	54.0	-7.0	1.26 H	216	34.8	12.2
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	5150.00	59.3 PK	74.0	-14.7	3.53 V	259	57.2	2.1
2	5150.00	47.8 AV	54.0	-6.2	3.53 V	259	45.7	2.1
3	*5180.00	105.5 PK			3.53 V	259	103.7	1.8
4	*5180.00	93.9 AV			3.53 V	259	92.1	1.8
5	#10360.00	51.5 PK	68.2	-16.7	3.77 V	246	39.4	12.1
6	15540.00	59.8 PK	74.0	-14.2	2.64 V	94	47.6	12.2
7	15540.00	48.6 AV	54.0	-5.4	2.64 V	94	36.4	12.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	113.6 PK			1.22 H	297	111.9	1.7
2	*5200.00	103.9 AV			1.22 H	297	102.2	1.7
3	#10400.00	52.5 PK	68.2	-15.7	1.05 H	138	40.1	12.4
4	15600.00	58.7 PK	74.0	-15.3	1.26 H	208	46.7	12.0
5	15600.00	46.9 AV	54.0	-7.1	1.26 H	208	34.9	12.0
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	*5200.00	108.3 PK			3.55 V	260	106.6	1.7
2	*5200.00	98.1 AV			3.55 V	260	96.4	1.7
3	#10400.00	51.2 PK	68.2	-17.0	3.79 V	241	38.8	12.4
4	15600.00	60.0 PK	74.0	-14.0	2.65 V	83	48.0	12.0
5	15600.00	48.7 AV	54.0	-5.3	2.65 V	83	36.7	12.0

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	113.7 PK			1.25 H	284	112.3	1.4
2	*5240.00	104.2 AV			1.25 H	284	102.8	1.4
3	5350.00	51.5 PK	74.0	-22.5	1.25 H	284	50.0	1.5
4	5350.00	39.1 AV	54.0	-14.9	1.25 H	284	37.6	1.5
5	#10480.00	51.6 PK	68.2	-16.6	1.12 H	158	38.8	12.8
6	15720.00	58.5 PK	74.0	-15.5	1.28 H	231	46.9	11.6
7	15720.00	47.1 AV	54.0	-6.9	1.28 H	231	35.5	11.6
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	*5240.00	108.0 PK			3.54 V	272	106.6	1.4
2	*5240.00	97.8 AV			3.54 V	272	96.4	1.4
3	5350.00	51.2 PK	74.0	-22.8	3.54 V	272	49.7	1.5
4	5350.00	39.0 AV	54.0	-15.0	3.54 V	272	37.5	1.5
5	#10480.00	51.2 PK	68.2	-17.0	3.75 V	242	38.4	12.8
6	15720.00	60.0 PK	74.0	-14.0	2.68 V	78	48.4	11.6
7	15720.00	48.9 AV	54.0	-5.1	2.68 V	78	37.3	11.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	53.4 PK	74.0	-20.6	1.15 H	284	51.3	2.1
2	5150.00	41.2 AV	54.0	-12.8	1.15 H	284	39.1	2.1
3	*5260.00	114.0 PK			1.15 H	284	112.7	1.3
4	*5260.00	103.1 AV			1.15 H	284	101.8	1.3
5	#10520.00	51.7 PK	68.2	-16.5	1.03 H	137	38.9	12.8
6	15780.00	58.6 PK	74.0	-15.4	1.24 H	212	46.9	11.7
7	15780.00	47.0 AV	54.0	-7.0	1.24 H	212	35.3	11.7
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	50.8 PK	74.0	-23.2	3.48 V	284	48.7	2.1
2	5150.00	38.8 AV	54.0	-15.2	3.48 V	284	36.7	2.1
3	*5260.00	107.8 PK			3.48 V	284	106.5	1.3
4	*5260.00	97.7 AV			3.48 V	284	96.4	1.3
5	#10520.00	51.6 PK	68.2	-16.6	3.74 V	238	38.8	12.8
6	15780.00	59.8 PK	74.0	-14.2	2.62 V	71	48.1	11.7
7	15780.00	48.7 AV	54.0	-5.3	2.62 V	71	37.0	11.7

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	113.9 PK			1.15 H	294	112.5	1.4
2	*5300.00	103.2 AV			1.15 H	294	101.8	1.4
3	10600.00	51.8 PK	74.0	-22.2	1.08 H	149	38.7	13.1
4	10600.00	42.6 AV	54.0	-11.4	1.08 H	149	29.5	13.1
5	15900.00	58.7 PK	74.0	-15.3	1.25 H	222	47.2	11.5
6	15900.00	46.8 AV	54.0	-7.2	1.25 H	222	35.3	11.5
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	*5300.00	108.1 PK			3.49 V	282	106.7	1.4
2	*5300.00	97.8 AV			3.49 V	282	96.4	1.4
3	10600.00	51.5 PK	74.0	-22.5	3.69 V	248	38.4	13.1
4	10600.00	40.7 AV	54.0	-13.3	3.69 V	248	27.6	13.1
5	15900.00	59.7 PK	74.0	-14.3	2.64 V	61	48.2	11.5
6	15900.00	48.5 AV	54.0	-5.5	2.64 V	61	37.0	11.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	111.0 PK			1.03 H	291	109.5	1.5
2	*5320.00	100.3 AV			1.03 H	291	98.8	1.5
3	5350.00	67.6 PK	74.0	-6.4	1.03 H	291	66.1	1.5
4	5350.00	50.1 AV	54.0	-3.9	1.03 H	291	48.6	1.5
5	10640.00	52.2 PK	74.0	-21.8	1.12 H	142	39.0	13.2
6	10640.00	42.8 AV	54.0	-11.2	1.12 H	142	29.6	13.2
7	15960.00	59.0 PK	74.0	-15.0	1.29 H	234	47.5	11.5
8	15960.00	47.0 AV	54.0	-7.0	1.29 H	234	35.5	11.5
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	105.7 PK			3.47 V	245	104.2	1.5
2	*5320.00	94.5 AV			3.47 V	245	93.0	1.5
3	5350.00	59.9 PK	74.0	-14.1	3.47 V	245	58.4	1.5
4	5350.00	48.2 AV	54.0	-5.8	3.47 V	245	46.7	1.5
5	10640.00	51.2 PK	74.0	-22.8	3.68 V	259	38.0	13.2
6	10640.00	40.5 AV	54.0	-13.5	3.68 V	259	27.3	13.2
7	15960.00	60.1 PK	74.0	-13.9	2.62 V	63	48.6	11.5
8	15960.00	49.0 AV	54.0	-5.0	2.62 V	63	37.5	11.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	56.2 PK	74.0	-17.8	1.08 H	306	54.3	1.9
2	5460.00	43.6 AV	54.0	-10.4	1.08 H	306	41.7	1.9
3	#5470.00	63.3 PK	68.2	-4.9	1.08 H	306	61.4	1.9
4	*5500.00	109.9 PK			1.08 H	306	108.0	1.9
5	*5500.00	99.8 AV			1.08 H	306	97.9	1.9
6	11000.00	52.2 PK	74.0	-21.8	1.13 H	144	38.6	13.6
7	11000.00	42.7 AV	54.0	-11.3	1.13 H	144	29.1	13.6
8	#16500.00	58.9 PK	68.2	-9.3	1.30 H	226	44.7	14.2
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	5460.00	55.2 PK	74.0	-18.8	3.42 V	254	53.3	1.9
2	5460.00	43.0 AV	54.0	-11.0	3.42 V	254	41.1	1.9
3	#5470.00	60.8 PK	68.2	-7.4	3.42 V	254	58.9	1.9
4	*5500.00	105.8 PK			3.42 V	254	103.9	1.9
5	*5500.00	94.8 AV			3.42 V	254	92.9	1.9
6	11000.00	50.7 PK	74.0	-23.3	3.71 V	248	37.1	13.6
7	11000.00	40.1 AV	54.0	-13.9	3.71 V	248	26.5	13.6
8	#16500.00	59.7 PK	68.2	-8.5	2.63 V	76	45.5	14.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	113.5 PK			1.17 H	298	111.4	2.1
2	*5580.00	103.1 AV			1.17 H	298	101.0	2.1
3	11160.00	52.3 PK	74.0	-21.7	1.13 H	142	39.6	12.7
4	11160.00	42.9 AV	54.0	-11.1	1.13 H	142	30.2	12.7
5	#16740.00	58.4 PK	68.2	-9.8	1.23 H	209	42.5	15.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	108.1 PK			3.53 V	285	106.0	2.1
2	*5580.00	97.7 AV			3.53 V	285	95.6	2.1
3	11160.00	51.9 PK	74.0	-22.1	3.71 V	249	39.2	12.7
4	11160.00	41.1 AV	54.0	-12.9	3.71 V	249	28.4	12.7
5	#16740.00	59.5 PK	68.2	-8.7	2.70 V	73	43.6	15.9

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	106.4 PK			1.10 H	304	104.2	2.2
2	*5700.00	96.3 AV			1.10 H	304	94.1	2.2
3	#5725.00	63.4 PK	68.2	-4.8	1.10 H	304	61.2	2.2
4	11400.00	52.4 PK	74.0	-21.6	1.19 H	158	38.9	13.5
5	11400.00	43.3 AV	54.0	-10.7	1.19 H	158	29.8	13.5
6	#17100.00	58.3 PK	68.2	-9.9	1.21 H	195	41.5	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	*5700.00	108.1 PK			3.47 V	285	105.9	2.2
2	*5700.00	97.9 AV			3.47 V	285	95.7	2.2
3	#5725.00	60.9 PK	68.2	-7.3	3.47 V	285	58.7	2.2
4	11400.00	51.9 PK	74.0	-22.1	3.72 V	260	38.4	13.5
5	11400.00	41.2 AV	54.0	-12.8	3.72 V	260	27.7	13.5
6	#17100.00	59.6 PK	68.2	-8.6	2.73 V	88	42.8	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	48.3 PK	68.2	-19.9	1.10 H	292	46.4	1.9
2	*5720.00	112.4 PK			1.10 H	292	110.2	2.2
3	*5720.00	102.2 AV			1.10 H	292	100.0	2.2
4	#5850.00	50.3 PK	68.2	-17.9	1.10 H	292	47.7	2.6
5	11440.00	52.8 PK	74.0	-21.2	1.18 H	163	39.1	13.7
6	11440.00	43.7 AV	54.0	-10.3	1.18 H	163	30.0	13.7
7	#17160.00	59.0 PK	68.2	-9.2	1.23 H	205	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	#5470.00	49.2 PK	68.2	-19.0	3.51 V	270	47.3	1.9
2	*5720.00	107.7 PK			3.51 V	270	105.5	2.2
3	*5720.00	97.7 AV			3.51 V	270	95.5	2.2
4	#5850.00	51.1 PK	68.2	-17.1	3.51 V	270	48.5	2.6
5	11440.00	51.4 PK	74.0	-22.6	3.74 V	247	37.7	13.7
6	11440.00	40.8 AV	54.0	-13.2	3.74 V	247	27.1	13.7
7	#17160.00	59.5 PK	68.2	-8.7	2.72 V	100	42.2	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5586.96	58.8 PK	68.2	-9.4	1.07 H	171	56.7	2.1
2	*5745.00	109.8 PK			1.07 H	171	107.5	2.3
3	*5745.00	98.8 AV			1.07 H	171	96.5	2.3
4	#5942.45	59.9 PK	68.2	-8.3	1.07 H	171	57.1	2.8
5	11490.00	52.7 PK	74.0	-21.3	1.21 H	161	38.6	14.1
6	11490.00	43.4 AV	54.0	-10.6	1.21 H	161	29.3	14.1
7	#17235.00	58.5 PK	68.2	-9.7	1.27 H	220	40.8	17.7
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	#5577.09	58.8 PK	68.2	-9.4	1.02 V	255	56.7	2.1
2	*5745.00	109.3 PK			1.02 V	255	107.0	2.3
3	*5745.00	98.1 AV			1.02 V	255	95.8	2.3
4	#5961.53	62.0 PK	68.2	-6.2	1.02 V	255	59.1	2.9
5	11490.00	51.5 PK	74.0	-22.5	3.70 V	251	37.4	14.1
6	11490.00	40.8 AV	54.0	-13.2	3.70 V	251	26.7	14.1
7	#17235.00	59.6 PK	68.2	-8.6	2.76 V	90	41.9	17.7

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5583.42	59.3 PK	68.2	-8.9	1.07 H	160	57.2	2.1
2	*5785.00	109.4 PK			1.07 H	160	107.0	2.4
3	*5785.00	98.4 AV			1.07 H	160	96.0	2.4
4	#6007.76	60.3 PK	68.2	-7.9	1.07 H	160	57.4	2.9
5	11570.00	52.7 PK	74.0	-21.3	1.18 H	172	38.6	14.1
6	11570.00	43.3 AV	54.0	-10.7	1.18 H	172	29.2	14.1
7	#17355.00	59.0 PK	68.2	-9.2	1.22 H	217	40.7	18.3

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	#5637.45	59.0 PK	68.2	-9.2	1.01 V	241	57.0	2.0
2	*5785.00	108.9 PK			1.01 V	241	106.5	2.4
3	*5785.00	97.6 AV			1.01 V	241	95.2	2.4
4	#5990.95	60.4 PK	68.2	-7.8	1.01 V	241	57.5	2.9
5	11570.00	51.5 PK	74.0	-22.5	3.77 V	235	37.4	14.1
6	11570.00	41.2 AV	54.0	-12.8	3.77 V	235	27.1	14.1
7	#17355.00	60.0 PK	68.2	-8.2	2.70 V	90	41.7	18.3

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5611.69	59.0 PK	68.2	-9.2	1.06 H	176	56.9	2.1
2	*5825.00	109.9 PK			1.06 H	176	107.4	2.5
3	*5825.00	98.8 AV			1.06 H	176	96.3	2.5
4	#5950.33	60.2 PK	68.2	-8.0	1.06 H	176	57.3	2.9
5	11650.00	53.3 PK	74.0	-20.7	1.20 H	154	39.4	13.9
6	11650.00	44.1 AV	54.0	-9.9	1.20 H	154	30.2	13.9
7	#17475.00	59.2 PK	68.2	-9.0	1.25 H	201	39.7	19.5
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	#5616.35	59.6 PK	68.2	-8.6	1.02 V	249	57.5	2.1
2	*5825.00	109.4 PK			1.02 V	249	106.9	2.5
3	*5825.00	98.1 AV			1.02 V	249	95.6	2.5
4	#5946.75	60.1 PK	68.2	-8.1	1.02 V	249	57.2	2.9
5	11650.00	51.0 PK	74.0	-23.0	3.74 V	240	37.1	13.9
6	11650.00	40.5 AV	54.0	-13.5	3.74 V	240	26.6	13.9
7	#17475.00	59.5 PK	68.2	-8.7	2.66 V	87	40.0	19.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ac (VHT40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.2 PK	74.0	-5.8	1.24 H	284	66.1	2.1
2	5150.00	49.8 AV	54.0	-4.2	1.24 H	284	47.7	2.1
3	*5190.00	104.6 PK			1.24 H	284	102.8	1.8
4	*5190.00	95.1 AV			1.24 H	284	93.3	1.8
5	#10380.00	54.5 PK	68.2	-13.7	1.15 H	142	42.2	12.3
6	15570.00	55.8 PK	74.0	-18.2	1.27 H	188	43.6	12.2
7	15570.00	44.5 AV	54.0	-9.5	1.27 H	188	32.3	12.2
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	5150.00	59.0 PK	74.0	-15.0	3.51 V	265	56.9	2.1
2	5150.00	47.7 AV	54.0	-6.3	3.51 V	265	45.6	2.1
3	*5190.00	99.3 PK			3.51 V	265	97.5	1.8
4	*5190.00	89.3 AV			3.51 V	265	87.5	1.8
5	#10380.00	52.9 PK	68.2	-15.3	3.73 V	240	40.6	12.3
6	15570.00	56.2 PK	74.0	-17.8	2.67 V	79	44.0	12.2
7	15570.00	44.7 AV	54.0	-9.3	2.67 V	79	32.5	12.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5230.00	110.3 PK			1.23 H	28	108.8	1.5
2	*5230.00	100.7 AV			1.23 H	28	99.2	1.5
3	5350.00	61.6 PK	74.0	-12.4	1.23 H	28	60.1	1.5
4	5350.00	43.0 AV	54.0	-11.0	1.23 H	28	41.5	1.5
5	#10460.00	54.4 PK	68.2	-13.8	1.11 H	146	41.7	12.7
6	15690.00	55.7 PK	74.0	-18.3	1.29 H	192	44.1	11.6
7	15690.00	44.4 AV	54.0	-9.6	1.29 H	192	32.8	11.6
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	*5230.00	105.0 PK			3.56 V	276	103.5	1.5
2	*5230.00	94.9 AV			3.56 V	276	93.4	1.5
3	5350.00	58.7 PK	74.0	-15.3	3.56 V	276	57.2	1.5
4	5350.00	47.2 AV	54.0	-6.8	3.56 V	276	45.7	1.5
5	#10460.00	51.2 PK	68.2	-17.0	3.71 V	225	38.5	12.7
6	15690.00	55.3 PK	74.0	-18.7	2.72 V	69	43.7	11.6
7	15690.00	43.2 AV	54.0	-10.8	2.72 V	69	31.6	11.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5270.00	110.0 PK			1.08 H	285	108.7	1.3
2	*5270.00	100.7 AV			1.08 H	285	99.4	1.3
3	5350.00	65.8 PK	74.0	-8.2	1.08 H	285	64.3	1.5
4	5350.00	48.8 AV	54.0	-5.2	1.08 H	285	47.3	1.5
5	#10540.00	53.9 PK	68.2	-14.3	1.10 H	155	41.0	12.9
6	15810.00	56.0 PK	74.0	-18.0	1.29 H	194	44.3	11.7
7	15810.00	44.8 AV	54.0	-9.2	1.29 H	194	33.1	11.7
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	*5270.00	104.6 PK			3.58 V	284	103.3	1.3
2	*5270.00	94.5 AV			3.58 V	284	93.2	1.3
3	5350.00	58.3 PK	74.0	-15.7	3.58 V	284	56.8	1.5
4	5350.00	46.7 AV	54.0	-7.3	3.58 V	284	45.2	1.5
5	#10540.00	51.5 PK	68.2	-16.7	3.74 V	234	38.6	12.9
6	15810.00	55.4 PK	74.0	-18.6	2.76 V	55	43.7	11.7
7	15810.00	43.1 AV	54.0	-10.9	2.76 V	55	31.4	11.7

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	106.3 PK			1.12 H	284	104.9	1.4
2	*5310.00	96.6 AV			1.12 H	284	95.2	1.4
3	5350.00	68.1 PK	74.0	-5.9	1.12 H	284	66.6	1.5
4	5350.00	50.2 AV	54.0	-3.8	1.12 H	284	48.7	1.5
5	10620.00	54.0 PK	74.0	-20.0	1.17 H	156	40.9	13.1
6	10620.00	41.5 AV	54.0	-12.5	1.17 H	156	28.4	13.1
7	15930.00	55.3 PK	74.0	-18.7	1.24 H	203	43.8	11.5
8	15930.00	44.0 AV	54.0	-10.0	1.24 H	203	32.5	11.5
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	*5310.00	101.0 PK			3.57 V	287	99.6	1.4
2	*5310.00	90.8 AV			3.57 V	287	89.4	1.4
3	5350.00	58.6 PK	74.0	-15.4	3.57 V	287	57.1	1.5
4	5350.00	47.4 AV	54.0	-6.6	3.57 V	287	45.9	1.5
5	10620.00	51.4 PK	74.0	-22.6	3.76 V	233	38.3	13.1
6	10620.00	40.6 AV	54.0	-13.4	3.76 V	233	27.5	13.1
7	15930.00	54.9 PK	74.0	-19.1	2.71 V	46	43.4	11.5
8	15930.00	42.6 AV	54.0	-11.4	2.71 V	46	31.1	11.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	60.4 PK	74.0	-13.6	1.21 H	279	58.5	1.9
2	5460.00	44.6 AV	54.0	-9.4	1.21 H	279	42.7	1.9
3	#5470.00	65.1 PK	68.2	-3.1	1.21 H	279	63.2	1.9
4	*5510.00	102.5 PK			1.21 H	279	100.6	1.9
5	*5510.00	93.7 AV			1.21 H	279	91.8	1.9
6	11020.00	54.7 PK	74.0	-19.3	1.14 H	133	41.3	13.4
7	11020.00	42.1 AV	54.0	-11.9	1.14 H	133	28.7	13.4
8	#16530.00	56.2 PK	68.2	-12.0	1.27 H	174	41.7	14.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	58.6 PK	74.0	-15.4	3.61 V	293	56.7	1.9
2	5460.00	43.5 AV	54.0	-10.5	3.61 V	293	41.6	1.9
3	#5470.00	61.1 PK	68.2	-7.1	3.61 V	293	59.2	1.9
4	*5510.00	97.2 PK			3.61 V	293	95.3	1.9
5	*5510.00	87.9 AV			3.61 V	293	86.0	1.9
6	11020.00	52.1 PK	74.0	-21.9	3.81 V	220	38.7	13.4
7	11020.00	41.0 AV	54.0	-13.0	3.81 V	220	27.6	13.4
8	#16530.00	54.9 PK	68.2	-13.3	2.77 V	45	40.4	14.5

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	63.5 PK	68.2	-4.7	1.16 H	12	61.6	1.9
2	*5550.00	105.9 PK			1.16 H	12	103.9	2.0
3	*5550.00	98.6 AV			1.16 H	12	96.6	2.0
4	11100.00	54.5 PK	74.0	-19.5	1.13 H	138	41.6	12.9
5	11100.00	41.9 AV	54.0	-12.1	1.13 H	138	29.0	12.9
6	#16650.00	55.9 PK	68.2	-12.3	1.32 H	185	40.7	15.2
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	#5470.00	61.5 PK	68.2	-6.7	3.66 V	293	59.6	1.9
2	*5550.00	100.6 PK			3.66 V	293	98.6	2.0
3	*5550.00	92.8 AV			3.66 V	293	90.8	2.0
4	11100.00	51.6 PK	74.0	-22.4	3.77 V	225	38.7	12.9
5	11100.00	40.7 AV	54.0	-13.3	3.77 V	225	27.8	12.9
6	#16650.00	55.3 PK	68.2	-12.9	2.77 V	47	40.1	15.2

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	105.6 PK			1.18 H	293	103.5	2.1
2	*5670.00	96.3 AV			1.18 H	293	94.2	2.1
3	#5725.00	64.9 PK	68.2	-3.3	1.18 H	293	62.7	2.2
4	11340.00	54.5 PK	74.0	-19.5	1.15 H	142	41.5	13.0
5	11340.00	41.8 AV	54.0	-12.2	1.15 H	142	28.8	13.0
6	#17010.00	55.9 PK	68.2	-12.3	1.29 H	203	39.0	16.9
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	*5670.00	100.3 PK			3.64 V	278	98.2	2.1
2	*5670.00	90.5 AV			3.64 V	278	88.4	2.1
3	#5725.00	61.2 PK	68.2	-7.0	3.64 V	278	59.0	2.2
4	11340.00	51.5 PK	74.0	-22.5	3.73 V	237	38.5	13.0
5	11340.00	40.9 AV	54.0	-13.1	3.73 V	237	27.9	13.0
6	#17010.00	54.7 PK	68.2	-13.5	2.75 V	60	37.8	16.9

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	53.0 PK	68.2	-15.2	1.09 H	292	51.1	1.9
2	*5710.00	109.7 PK			1.09 H	292	107.5	2.2
3	*5710.00	101.9 AV			1.09 H	292	99.7	2.2
4	#5850.00	62.3 PK	68.2	-5.9	1.09 H	292	59.7	2.6
5	11420.00	55.1 PK	74.0	-18.9	1.20 H	154	41.5	13.6
6	11420.00	42.3 AV	54.0	-11.7	1.20 H	154	28.7	13.6
7	#17130.00	56.5 PK	68.2	-11.7	1.22 H	174	39.4	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	#5470.00	51.4 PK	68.2	-16.8	3.60 V	284	49.5	1.9
2	*5710.00	104.4 PK			3.60 V	284	102.2	2.2
3	*5710.00	96.1 AV			3.60 V	284	93.9	2.2
4	#5850.00	58.4 PK	68.2	-9.8	3.60 V	284	55.8	2.6
5	11420.00	51.8 PK	74.0	-22.2	3.75 V	234	38.2	13.6
6	11420.00	41.0 AV	54.0	-13.0	3.75 V	234	27.4	13.6
7	#17130.00	55.0 PK	68.2	-13.2	2.73 V	72	37.9	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5591.59	59.2 PK	68.2	-9.0	1.06 H	175	57.1	2.1
2	*5755.00	105.6 PK			1.06 H	175	103.3	2.3
3	*5755.00	96.3 AV			1.06 H	175	94.0	2.3
4	#5983.06	60.5 PK	68.2	-7.7	1.06 H	175	57.6	2.9
5	11510.00	54.7 PK	74.0	-19.3	1.15 H	158	40.6	14.1
6	11510.00	41.9 AV	54.0	-12.1	1.15 H	158	27.8	14.1
7	#17265.00	55.8 PK	68.2	-12.4	1.22 H	198	38.0	17.8
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	#5640.04	60.3 PK	68.2	-7.9	1.01 V	259	58.3	2.0
2	*5755.00	104.4 PK			1.01 V	259	102.1	2.3
3	*5755.00	96.2 AV			1.01 V	259	93.9	2.3
4	#5963.59	60.7 PK	68.2	-7.5	1.01 V	259	57.8	2.9
5	11510.00	51.4 PK	74.0	-22.6	3.77 V	243	37.3	14.1
6	11510.00	41.0 AV	54.0	-13.0	3.77 V	243	26.9	14.1
7	#17265.00	54.5 PK	68.2	-13.7	2.74 V	68	36.7	17.8

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5560.38	59.4 PK	68.2	-8.8	1.07 H	187	57.4	2.0
2	*5795.00	105.8 PK			1.07 H	187	103.3	2.5
3	*5795.00	96.3 AV			1.07 H	187	93.8	2.5
4	#5959.80	61.1 PK	68.2	-7.1	1.07 H	187	58.2	2.9
5	11590.00	54.3 PK	74.0	-19.7	1.12 H	134	40.2	14.1
6	11590.00	41.7 AV	54.0	-12.3	1.12 H	134	27.6	14.1
7	#17385.00	56.1 PK	68.2	-12.1	1.26 H	199	37.6	18.5
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	#5588.94	58.8 PK	68.2	-9.4	1.03 V	249	56.7	2.1
2	*5795.00	104.2 PK			1.03 V	249	101.7	2.5
3	*5795.00	95.9 AV			1.03 V	249	93.4	2.5
4	#5984.20	59.7 PK	68.2	-8.5	1.03 V	249	56.8	2.9
5	11590.00	51.4 PK	74.0	-22.6	3.71 V	252	37.3	14.1
6	11590.00	40.8 AV	54.0	-13.2	3.71 V	252	26.7	14.1
7	#17385.00	55.0 PK	68.2	-13.2	2.70 V	70	36.5	18.5

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ac (VHT80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.1 PK	74.0	-4.9	1.21 H	303	67.0	2.1
2	5150.00	50.4 AV	54.0	-3.6	1.21 H	303	48.3	2.1
3	*5210.00	100.4 PK			1.21 H	303	98.8	1.6
4	*5210.00	92.4 AV			1.21 H	303	90.8	1.6
5	#10420.00	54.6 PK	68.2	-13.6	1.20 H	145	42.2	12.4
6	15630.00	56.4 PK	74.0	-17.6	1.26 H	177	44.6	11.8
7	15630.00	45.0 AV	54.0	-9.0	1.26 H	177	33.2	11.8
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	58.8 PK	74.0	-15.2	3.51 V	250	56.7	2.1
2	5150.00	47.3 AV	54.0	-6.7	3.51 V	250	45.2	2.1
3	*5210.00	95.1 PK			3.51 V	250	93.5	1.6
4	*5210.00	86.6 AV			3.51 V	250	85.0	1.6
5	#10420.00	51.6 PK	68.2	-16.6	3.67 V	249	39.2	12.4
6	15630.00	55.2 PK	74.0	-18.8	2.67 V	57	43.4	11.8
7	15630.00	43.5 AV	54.0	-10.5	2.67 V	57	31.7	11.8

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5290.00	100.8 PK			1.24 H	284	99.4	1.4
2	*5290.00	92.5 AV			1.24 H	284	91.1	1.4
3	5350.00	66.3 PK	74.0	-7.7	1.24 H	284	64.8	1.5
4	5350.00	47.6 AV	54.0	-6.4	1.24 H	284	46.1	1.5
5	#10580.00	54.5 PK	68.2	-13.7	1.18 H	142	41.6	12.9
6	15870.00	55.4 PK	74.0	-18.6	1.27 H	176	43.8	11.6
7	15870.00	44.3 AV	54.0	-9.7	1.27 H	176	32.7	11.6
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	*5290.00	95.3 PK			3.50 V	259	93.9	1.4
2	*5290.00	86.7 AV			3.50 V	259	85.3	1.4
3	5350.00	58.4 PK	74.0	-15.6	3.50 V	259	56.9	1.5
4	5350.00	47.0 AV	54.0	-7.0	3.50 V	259	45.5	1.5
5	#10580.00	51.5 PK	68.2	-16.7	3.67 V	247	38.6	12.9
6	15870.00	54.8 PK	74.0	-19.2	2.62 V	55	43.2	11.6
7	15870.00	43.3 AV	54.0	-10.7	2.62 V	55	31.7	11.6

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	59.3 PK	74.0	-14.7	1.25 H	294	57.4	1.9
2	5460.00	45.0 AV	54.0	-9.0	1.25 H	294	43.1	1.9
3	#5470.00	65.0 PK	68.2	-3.2	1.25 H	294	63.1	1.9
4	*5530.00	99.4 PK			1.25 H	294	97.4	2.0
5	*5530.00	90.3 AV			1.25 H	294	88.3	2.0
6	11060.00	54.4 PK	74.0	-19.6	1.15 H	127	41.2	13.2
7	11060.00	41.9 AV	54.0	-12.1	1.15 H	127	28.7	13.2
8	#16590.00	55.6 PK	68.2	-12.6	1.32 H	174	40.8	14.8
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	5460.00	58.2 PK	74.0	-15.8	3.53 V	262	56.3	1.9
2	5460.00	44.0 AV	54.0	-10.0	3.53 V	262	42.1	1.9
3	#5470.00	58.9 PK	68.2	-9.3	3.53 V	262	57.0	1.9
4	*5530.00	94.1 PK			3.53 V	262	92.1	2.0
5	*5530.00	84.5 AV			3.53 V	262	82.5	2.0
6	11060.00	51.3 PK	74.0	-22.7	3.63 V	254	38.1	13.2
7	11060.00	40.2 AV	54.0	-13.8	3.63 V	254	27.0	13.2
8	#16590.00	54.5 PK	68.2	-13.7	2.57 V	49	39.7	14.8

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	104.6 PK			1.16 H	294	102.5	2.1
2	*5610.00	96.0 AV			1.16 H	294	93.9	2.1
3	#5725.00	65.0 PK	68.2	-3.2	1.16 H	294	62.8	2.2
4	11220.00	54.7 PK	74.0	-19.3	1.10 H	134	42.1	12.6
5	11220.00	42.0 AV	54.0	-12.0	1.10 H	134	29.4	12.6
6	#16830.00	55.8 PK	68.2	-12.4	1.29 H	175	39.5	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	*5610.00	99.3 PK			3.52 V	263	97.2	2.1
2	*5610.00	90.2 AV			3.52 V	263	88.1	2.1
3	#5725.00	60.2 PK	68.2	-8.0	3.52 V	263	58.0	2.2
4	11220.00	52.0 PK	74.0	-22.0	3.62 V	246	39.4	12.6
5	11220.00	40.6 AV	54.0	-13.4	3.62 V	246	28.0	12.6
6	#16830.00	54.3 PK	68.2	-13.9	2.51 V	51	38.0	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5690.00	104.8 PK			1.10 H	293	102.7	2.1
2	*5690.00	96.6 AV			1.10 H	293	94.5	2.1
3	#5850.00	63.2 PK	68.2	-5.0	1.10 H	293	60.6	2.6
4	11380.00	54.7 PK	74.0	-19.3	1.14 H	151	41.4	13.3
5	11380.00	42.3 AV	54.0	-11.7	1.14 H	151	29.0	13.3
6	#17070.00	56.2 PK	68.2	-12.0	1.21 H	187	39.3	16.9
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	*5690.00	99.2 PK			3.50 V	269	97.1	2.1
2	*5690.00	90.0 AV			3.50 V	269	87.9	2.1
3	#5850.00	58.3 PK	68.2	-9.9	3.50 V	269	55.7	2.6
4	11380.00	51.2 PK	74.0	-22.8	3.59 V	247	37.9	13.3
5	11380.00	40.1 AV	54.0	-13.9	3.59 V	247	26.8	13.3
6	#17070.00	54.6 PK	68.2	-13.6	2.53 V	63	37.7	16.9

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 other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5649.60	62.3 PK	68.2	-5.9	1.10 H	173	60.3	2.0
2	*5775.00	102.8 PK			1.10 H	278	100.4	2.4
3	*5775.00	94.1 AV			1.10 H	278	91.7	2.4
4	#5973.15	60.5 PK	68.2	-7.7	1.10 H	173	57.6	2.9
5	11550.00	54.3 PK	74.0	-19.7	1.11 H	131	40.1	14.2
6	11550.00	41.6 AV	54.0	-12.4	1.11 H	131	27.4	14.2
7	#17325.00	55.6 PK	68.2	-12.6	1.29 H	173	37.5	18.1
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	#5606.56	59.3 PK	68.2	-8.9	1.08 V	249	57.2	2.1
2	*5775.00	101.0 PK			1.08 V	249	98.6	2.4
3	*5775.00	91.1 AV			1.08 V	249	88.7	2.4
4	#5937.21	60.4 PK	68.2	-7.8	1.08 V	249	57.6	2.8
5	11550.00	51.3 PK	74.0	-22.7	3.59 V	254	37.1	14.2
6	11550.00	40.1 AV	54.0	-13.9	3.59 V	254	25.9	14.2
7	#17325.00	53.9 PK	68.2	-14.3	2.55 V	78	35.8	18.1

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Below 1GHz Data:

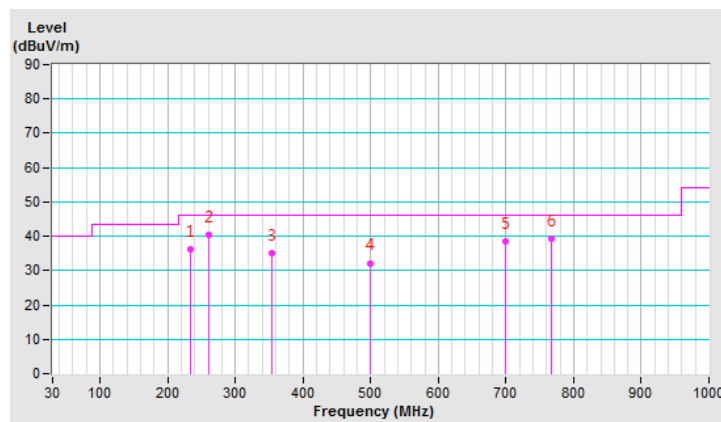
802.11ac (VHT20)

CHANNEL	TX Channel 116	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	233.34	36.2 QP	46.0	-9.8	1.00 H	96	56.0	-19.8
2	261.56	40.5 QP	46.0	-5.5	1.00 H	356	59.1	-18.6
3	354.90	35.1 QP	46.0	-10.9	1.00 H	178	51.3	-16.2
4	499.99	32.2 QP	46.0	-13.8	2.00 H	0	45.0	-12.8
5	699.98	38.4 QP	46.0	-7.6	1.00 H	45	47.5	-9.1
6	766.67	39.2 QP	46.0	-6.8	1.00 H	194	47.0	-7.8

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 other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. 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.

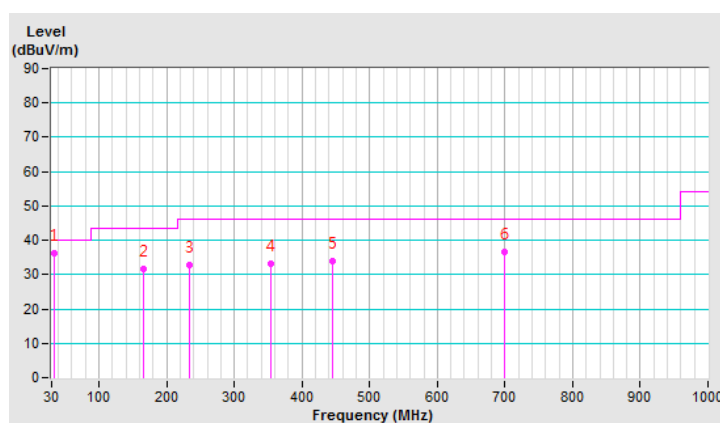


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

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	33.52	36.1 QP	40.0	-3.9	1.00 V	9	55.3	-19.2
2	166.72	31.7 QP	43.5	-11.8	1.00 V	112	50.0	-18.3
3	233.34	32.6 QP	46.0	-13.4	1.00 V	91	52.4	-19.8
4	354.80	33.2 QP	46.0	-12.8	1.00 V	7	49.4	-16.2
5	445.62	33.8 QP	46.0	-12.2	1.00 V	360	47.3	-13.5
6	700.00	36.5 QP	46.0	-9.5	1.00 V	248	45.5	-9.0

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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. 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.



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	Oct. 24, 2018	Oct. 23, 2019
Line-Impedance Stabilization Network (for EUT) R&S	ESH3-Z5	848773/004	Oct. 22, 2018	Oct. 21, 2019
Line-Impedance Stabilization Network (for Peripheral) R&S	ESH3-Z5	835239/001	Mar. 17, 2019	Mar. 16, 2020
50 ohms Terminator	N/A	3	Oct. 22, 2018	Oct. 21, 2019
RF Cable	5D-FB	COCCAB-001	Sep. 28, 2018	Sep. 27, 2019
Fixed attenuator EMCI	STI02-2200-10	003	Mar. 14, 2019	Mar. 13, 2020
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: Aug. 21, 2019

4.2.3 Test Procedure

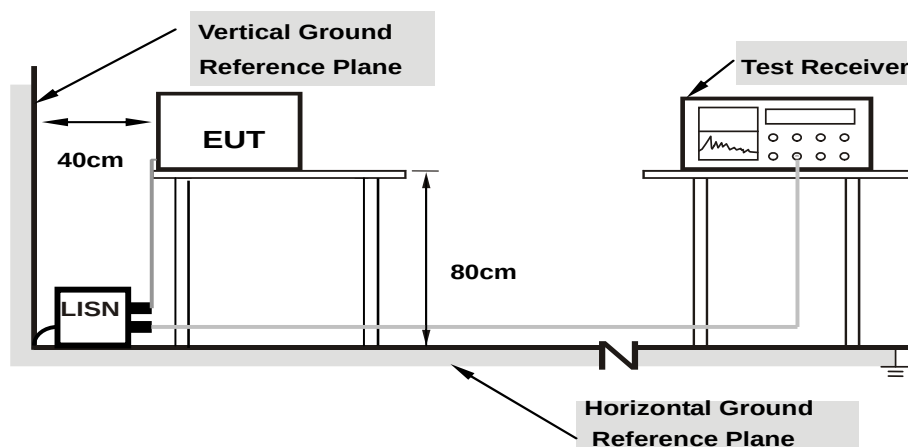
- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance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

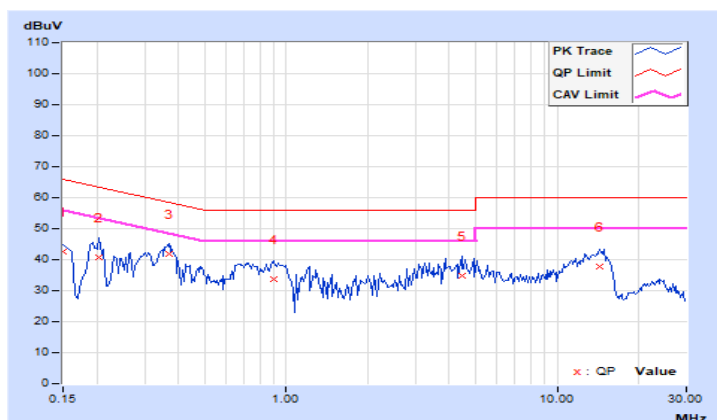
4.2.7 Test Results

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

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	9.96	32.56	23.76	42.52	33.72	66.00	56.00	-23.48	-22.28
2	0.20469	9.97	30.61	17.46	40.58	27.43	63.42	53.42	-22.84	-25.99
3	0.36875	9.98	31.88	19.57	41.86	29.55	58.53	48.53	-16.67	-18.98
4	0.89609	10.02	23.50	10.71	33.52	20.73	56.00	46.00	-22.48	-25.27
5	4.45313	10.29	24.55	12.54	34.84	22.83	56.00	46.00	-21.16	-23.17
6	14.42969	10.96	26.97	18.71	37.93	29.67	60.00	50.00	-22.07	-20.33

Remarks:

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

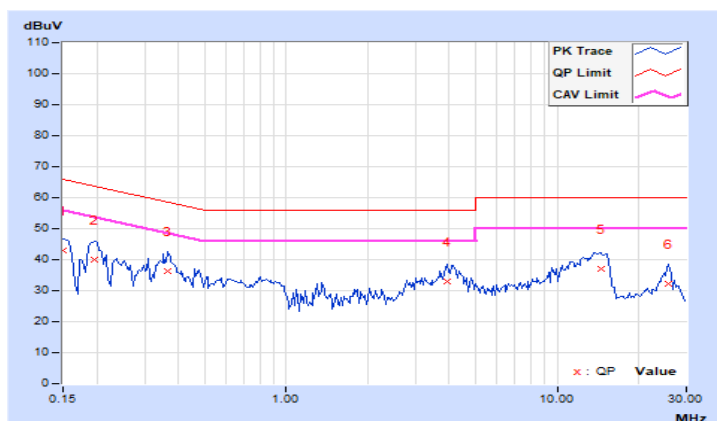


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)
-------	-------------	-------------------	--------------------------------

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	9.94	33.14	19.84	43.08	29.78	66.00	56.00	-22.92	-26.22
2	0.19687	9.95	30.14	17.42	40.09	27.37	63.74	53.74	-23.65	-26.37
3	0.36484	9.97	26.44	12.36	36.41	22.33	58.62	48.62	-22.21	-26.29
4	3.93359	10.19	22.80	8.80	32.99	18.99	56.00	46.00	-23.01	-27.01
5	14.51172	10.79	26.12	15.55	36.91	26.34	60.00	50.00	-23.09	-23.66
6	25.85156	11.21	21.12	9.93	32.33	21.14	60.00	50.00	-27.67	-28.86

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 Measurement

4.3.1 Limits of Transmit Power Measurement

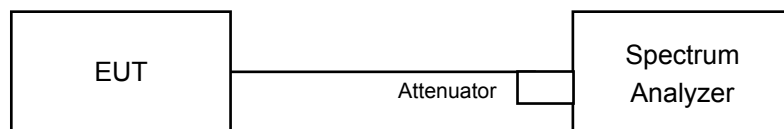
Operation Band	EUT Category		Limit
U-NII-1		Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p $\leq$ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
		Fixed point-to-point Access Point	1 Watt (30 dBm)
		Indoor Access Point	1 Watt (30 dBm)
	√	Client device	250mW (24 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

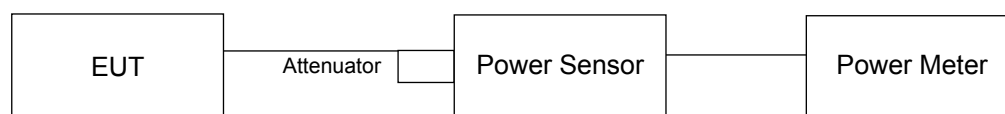
4.3.2 Test Setup

FOR POWER OUTPUT MEASUREMENT

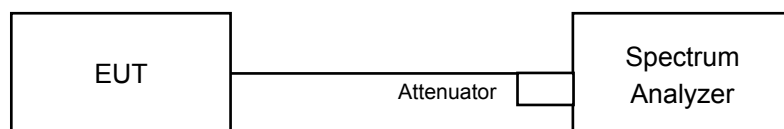
For channel straddling 5725MHz:



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 POWER OUTPUT MEASUREMENT

For channel straddling 5725MHz:

For 802.11a, 802.11ac (VHT20)

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

For 802.11ac (VHT40), 802.11ac (VHT80)

Follow FCC KDB 789033 UNII test procedure:

Method SA-2

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

For other channels:

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

FOR 26dB OCCUPIED BANDWIDTH

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

4.3.5 Deviation from Test Standard

No deviation.

4.3.6 EUT Operating Condition

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

4.3.7 Test Results

802.11a

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Limit (dBm)	Pass / Fail
36	5180	41.305	16.16	24.00	Pass
40	5200	156.315	21.94	24.00	Pass
48	5240	124.165	20.94	24.00	Pass
52	5260	155.955	21.93	24.00	Pass
60	5300	156.675	21.95	24.00	Pass
64	5320	35.727	15.53	23.78	Pass
100	5500	38.194	15.82	23.78	Pass
116	5580	152.405	21.83	24.00	Pass
140	5700	23.496	13.71	23.78	Pass
*144 (U-NII-2C Band)	5720	73.621	18.67	24.00	Pass
*144 (U-NII-3 Band)	5720	16.181	12.09	30.00	Pass
149	5745	138.676	21.42	30.00	Pass
157	5785	139.637	21.45	30.00	Pass
165	5825	138.995	21.43	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 Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
144	5720	89.802	19.53

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	41.90
60	5300	43.42
64	5320	18.98
100	5500	19.00
116	5580	43.56
140	5700	19.00
144 (U-NII-2C Band)	5720	24.26

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	41.90	27.22 > 24
60	5300	43.42	27.37 > 24
64	5320	18.98	23.78 < 24
100	5500	19.00	23.78 < 24
116	5580	43.56	27.39 > 24
140	5700	19.00	23.78 < 24
144 (U-NII-2C Band)	5720	24.26	24.84 > 24

802.11ac (VHT20)

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Limit (dBm)	Pass / Fail
36	5180	32.734	15.15	24.00	Pass
40	5200	153.109	21.85	24.00	Pass
48	5240	123.595	20.92	24.00	Pass
52	5260	154.525	21.89	24.00	Pass
60	5300	138.038	21.40	24.00	Pass
64	5320	33.651	15.27	23.99	Pass
100	5500	37.239	15.71	23.99	Pass
116	5580	164.816	22.17	24.00	Pass
140	5700	23.014	13.62	24.00	Pass
*144 (U-NII-2C Band)	5720	84.333	19.26	24.00	Pass
*144 (U-NII-3 Band)	5720	21.232	13.27	30.00	Pass
149	5745	145.546	21.63	30.00	Pass
157	5785	143.549	21.57	30.00	Pass
165	5825	141.906	21.52	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 Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
144	5720	105.565	20.24

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	47.10
60	5300	47.62
64	5320	19.94
100	5500	19.95
116	5580	48.53
140	5700	19.96
144 (U-NII-2C Band)	5720	26.77

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	47.10	27.73 > 24
60	5300	47.62	27.77 > 24
64	5320	19.94	23.99 < 24
100	5500	19.95	23.99 < 24
116	5580	48.53	27.86 > 24
140	5700	19.96	24 = 24
144 (U-NII-2C Band)	5720	26.77	25.27 > 24

802.11ac (VHT40)

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Limit (dBm)	Pass / Fail
38	5190	13.335	11.25	24.00	Pass
46	5230	69.823	18.44	24.00	Pass
54	5270	76.208	18.82	24.00	Pass
62	5310	17.298	12.38	24.00	Pass
102	5510	24.831	13.95	24.00	Pass
110	5550	93.541	19.71	24.00	Pass
134	5670	51.05	17.08	24.00	Pass
*142 (U-NII-2C Band)	5710	99.614	19.98	24.00	Pass
*142 (U-NII-3 Band)	5710	8.736	9.41	30.00	Pass
151	5755	122.744	20.89	30.00	Pass
159	5795	117.761	20.71	30.00	Pass

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

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
142	5710	108.35	20.35

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	46.09
62	5310	44.09
102	5510	43.69
110	5550	85.81
134	5670	74.26
142 (U-NII-2C Band)	5710	59.60

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	46.09	27.63 > 24
62	5310	44.09	27.44 > 24
102	5510	43.69	27.4 > 24
110	5550	85.81	30.33 > 24
134	5670	74.26	29.7 > 24
142 (U-NII-2C Band)	5710	59.60	28.75 > 24

802.11ac (VHT80)

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Limit (dBm)	Pass / Fail
42	5210	13.243	11.22	24.00	Pass
58	5290	18.836	12.75	24.00	Pass
106	5530	24.889	13.96	24.00	Pass
122	5610	54.702	17.38	24.00	Pass
*138 (U-NII-2C Band)	5690	56.372	17.51	24.00	Pass
*138 (U-NII-3 Band)	5690	1.738	2.40	30.00	Pass
155	5775	53.088	17.25	30.00	

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

The Total Power for the straddle channel:

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)
138	5690	58.11	17.64

Note: The total power was calculated through formula and record the value for reference only.

26dB OCCUPIED BANDWIDTH

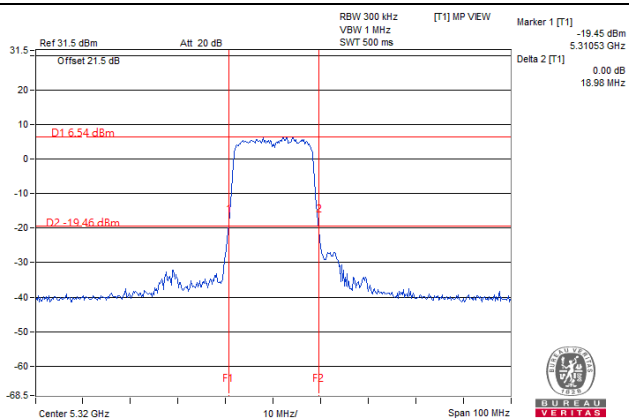
Channel	Frequency (MHz)	26dBc Bandwidth (MHz)
58	5290	83.09
106	5530	83.02
122	5610	166.31
138 (U-NII-2C Band)	5690	131.01

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

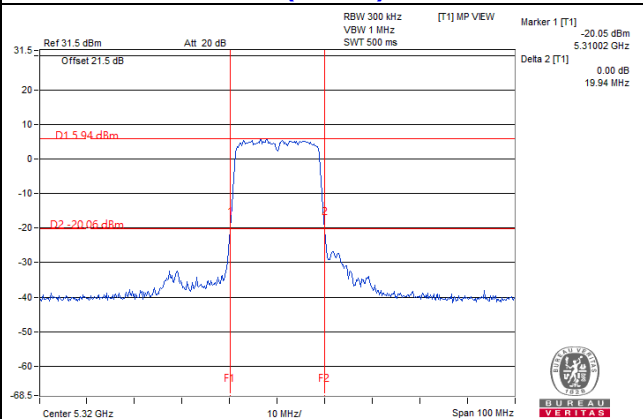
Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	83.09	30.19 > 24
106	5530	83.02	30.19 > 24
122	5610	166.31	33.2 > 24
138 (U-NII-2C Band)	5690	131.01	32.17 > 24

Spectrum Plot of Worst Value

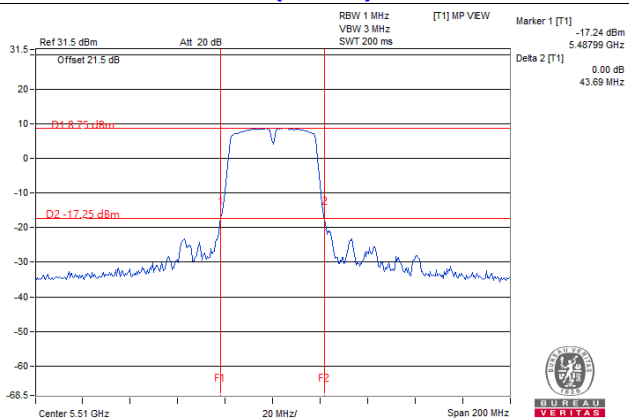
802.11a / CH64



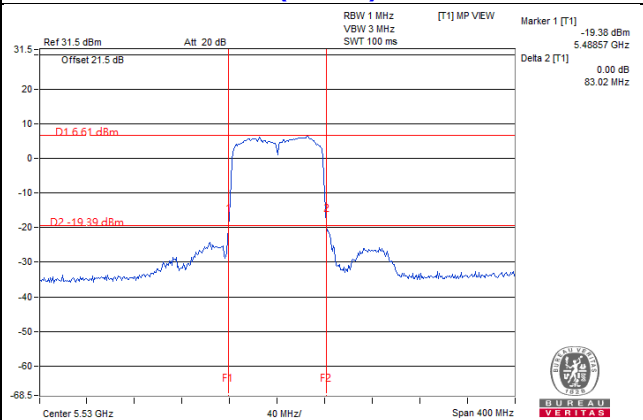
802.11ac (VHT20) / CH64



802.11ac (VHT40) / CH102



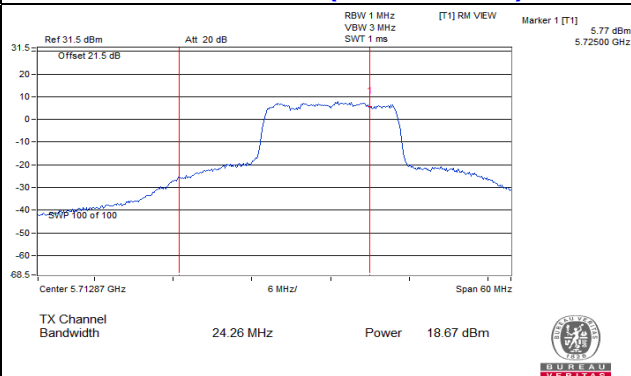
802.11ac (VHT80) / CH106



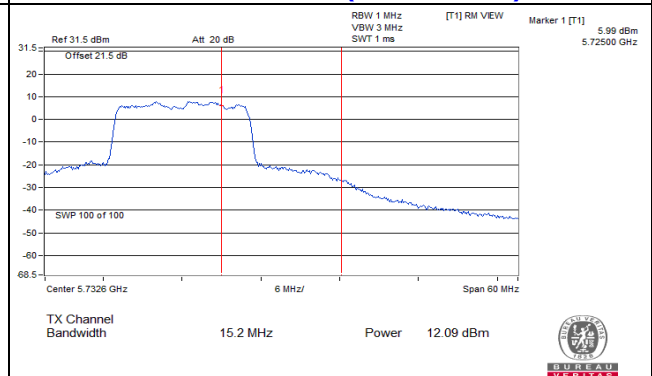
For channel straddling 5725MHz

Spectrum Plot Value of Power

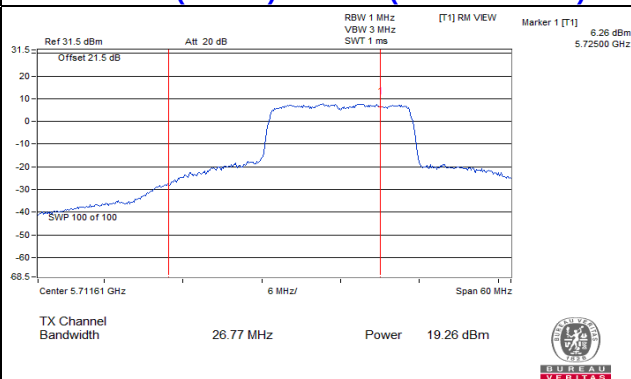
802.11a / CH144 (U-NII-2C Band)



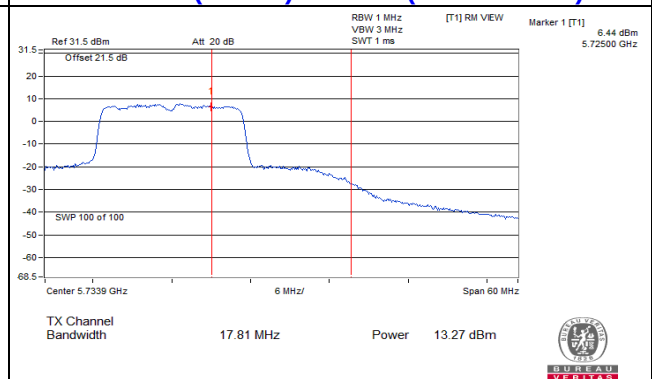
802.11a / CH144 (U-NII-3 Band)



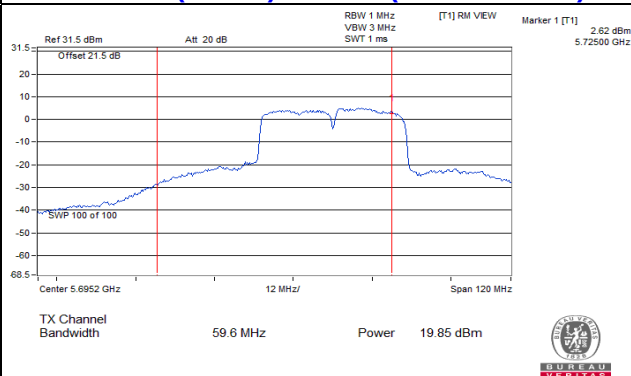
802.11ac (VHT20) / CH144 (U-NII-2C Band)



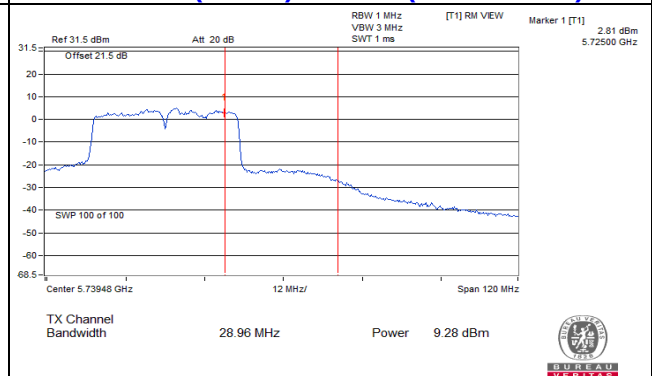
802.11ac (VHT20) / CH144 (U-NII-3 Band)



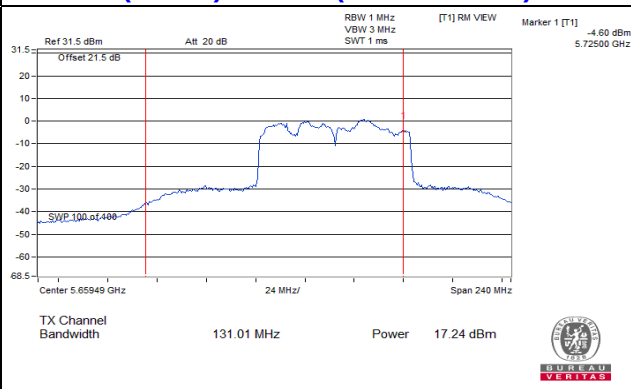
802.11ac (VHT40) / CH142 (U-NII-2C Band)



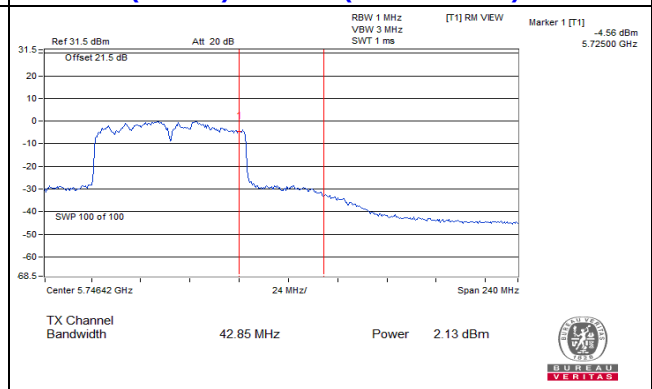
802.11ac (VHT40) / CH142 (U-NII-3 Band)



802.11ac (VHT80) / CH138 (U-NII-2C Band)

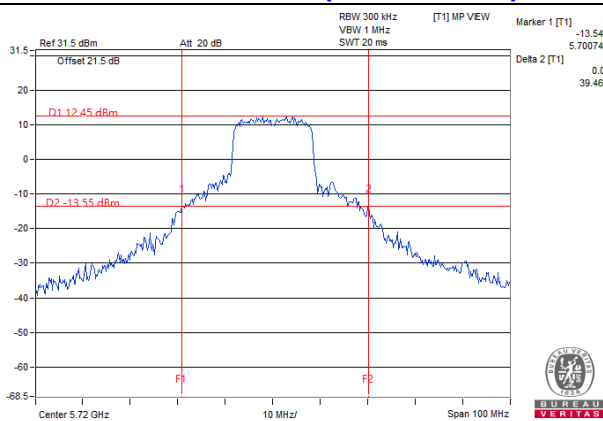


802.11ac (VHT80) / CH138 (U-NII-3 Band)

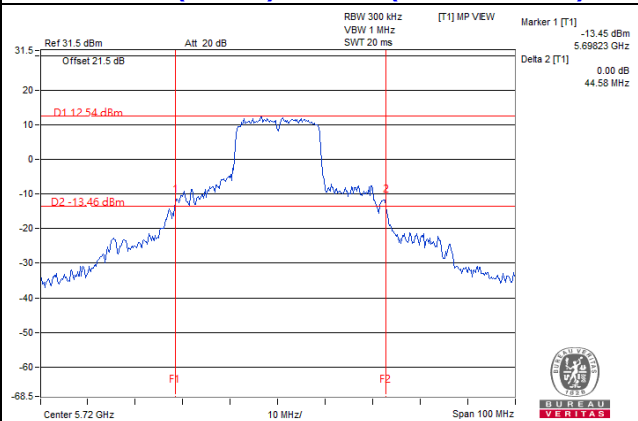


Spectrum Plot Value of 26dB BW

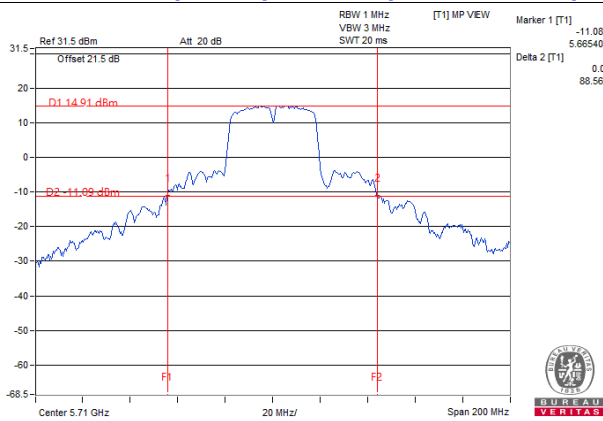
802.11a / CH144 (U-NII-2C Band)



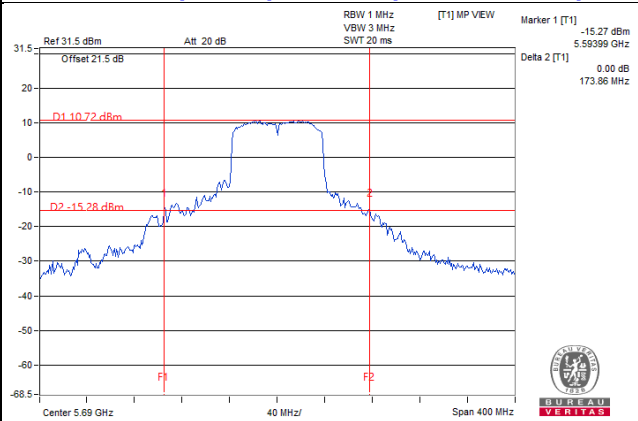
802.11ac (VHT20) / CH144 (U-NII-2C Band)



802.11ac (VHT40) / CH142 (U-NII-2C Band)



802.11ac (VHT80) / CH138 (U-NII-2C Band)



Note:

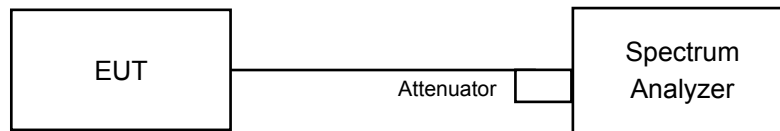
For CH144 (U-NII-2C) = 5725MHz - Marker 1

For CH142 (U-NII-2C) = 5725MHz - Marker 1

For CH138 (U-NII-2C) = 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

802.11a

Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	16.44
40	5200	21.24
48	5240	19.92
52	5260	19.32
60	5300	22.08
64	5320	16.44
100	5500	16.44
116	5580	23.40
140	5700	16.44
144 (U-NII-2C Band)	5720	15.08
144 (U-NII-3 Band)	5720	4.24
149	5745	20.76
157	5785	21.72
165	5825	19.08

802.11ac (VHT20)

Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	17.64
40	5200	24.12
48	5240	18.26
52	5260	22.08
60	5300	24.96
64	5320	17.64
100	5500	17.64
116	5580	28.80
140	5700	17.64
144 (U-NII-2C Band)	5720	16.52
144 (U-NII-3 Band)	5720	6.52
149	5745	23.88
157	5785	23.64
165	5825	22.92

802.11ac (VHT40)

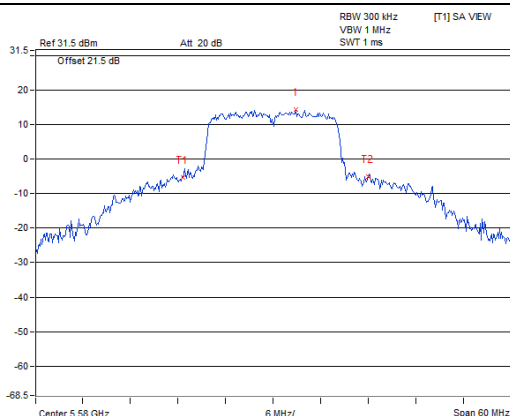
Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)
38	5190	36.72
46	5230	36.96
54	5270	36.72
62	5310	36.72
102	5510	36.48
110	5550	37.68
134	5670	36.96
142 (U-NII-2C Band)	5710	38.04
142 (U-NII-3 Band)	5710	11.88
151	5755	56.40
159	5795	54.24

802.11ac (VHT80)

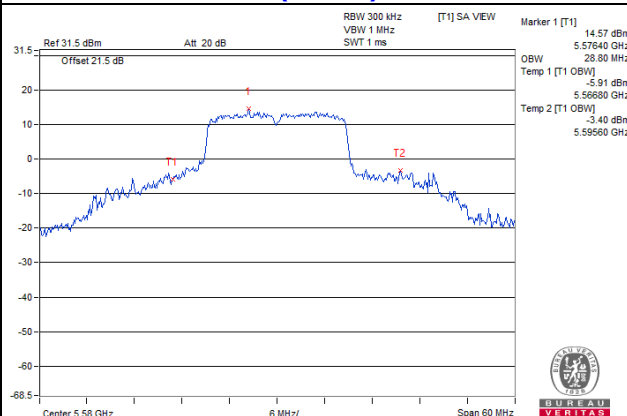
Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)
42	5210	74.88
58	5290	75.36
106	5530	74.88
122	5610	75.84
138 (U-NII-2C Band)	5690	73.40
138 (U-NII-3 Band)	5690	2.92
155	5775	80.64

Spectrum Plot of Max. Value

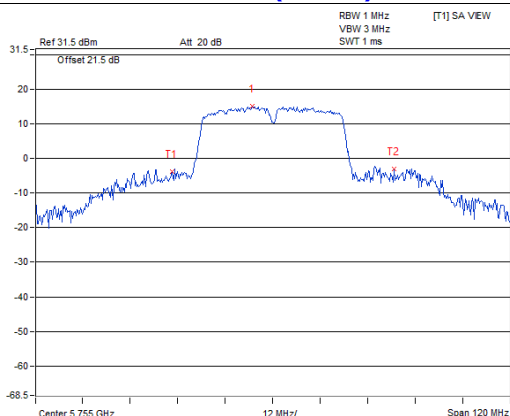
802.11a / CH116



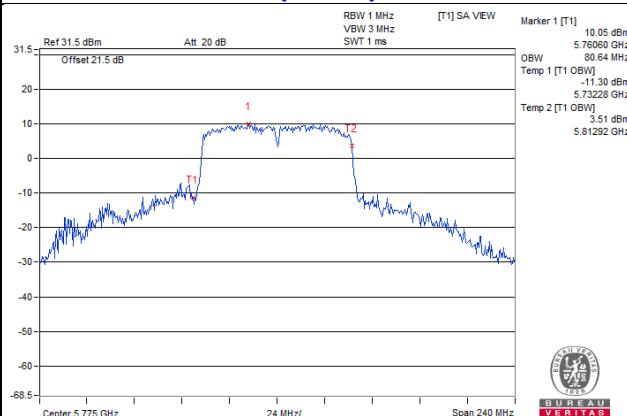
802.11ac (VHT20) / CH116



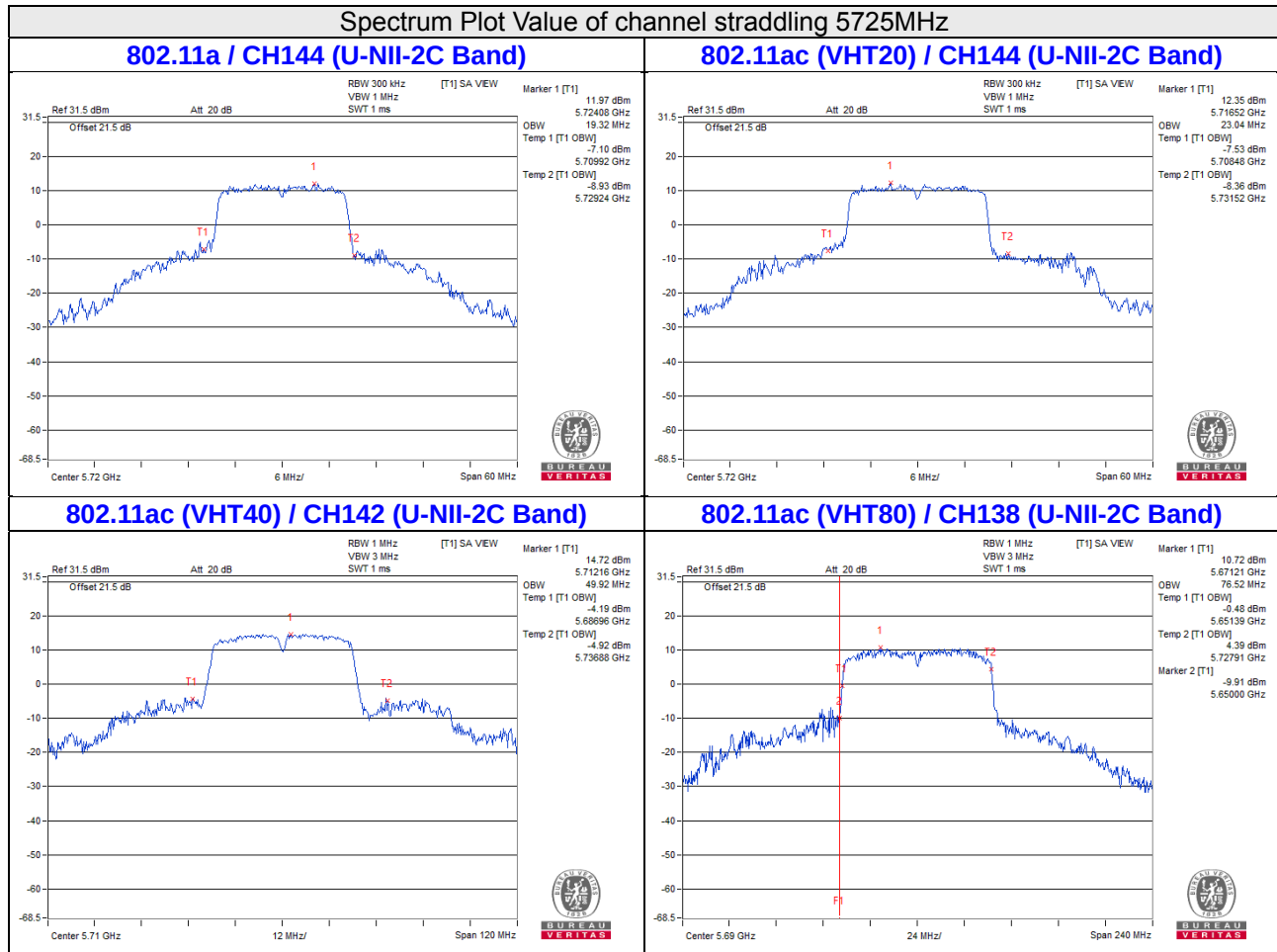
802.11ac (VHT40) / CH151



802.11ac (VHT80) / CH155



For channel straddling 5725MHz

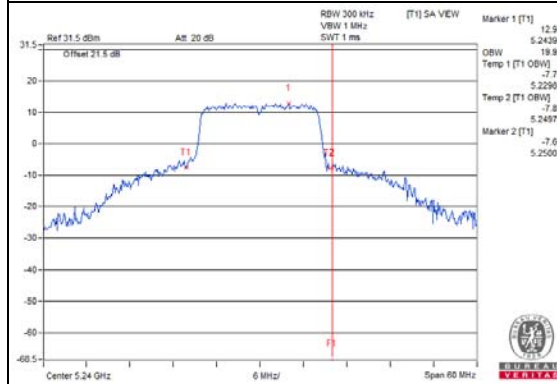


Note:

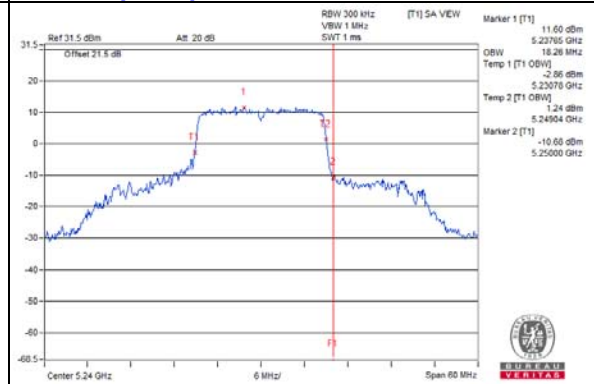
- For CH144 (U-NII-2C) = 5725MHz - Temp 1
- For CH142 (U-NII-2C) = 5725MHz - Temp 1
- For CH138 (U-NII-2C) = 5725MHz - Temp 1
- For CH144 (U-NII-3) = Temp 2 - 5725MHz
- For CH142 (U-NII-3) = Temp 2 - 5725MHz
- For CH138 (U-NII-3) = Temp 2 - 5725MHz

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

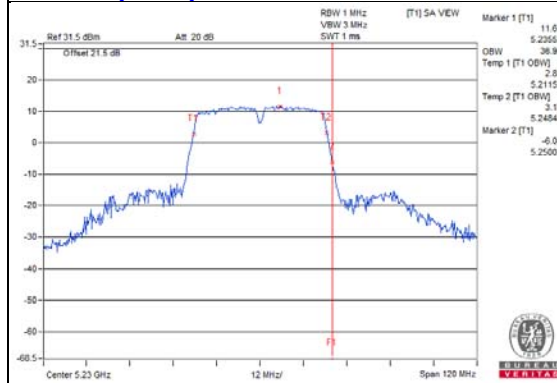
802.11a / CH48



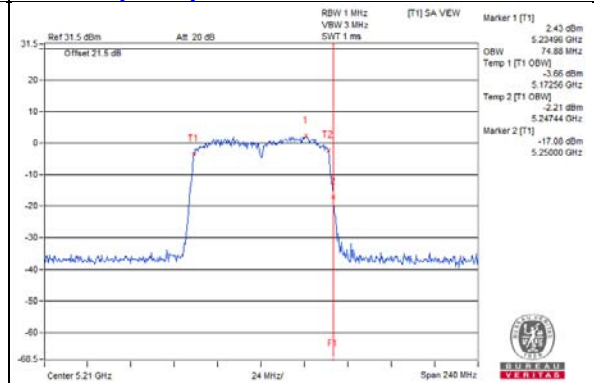
802.11n (HT20) / CH48



802.11n (HT40) / CH46

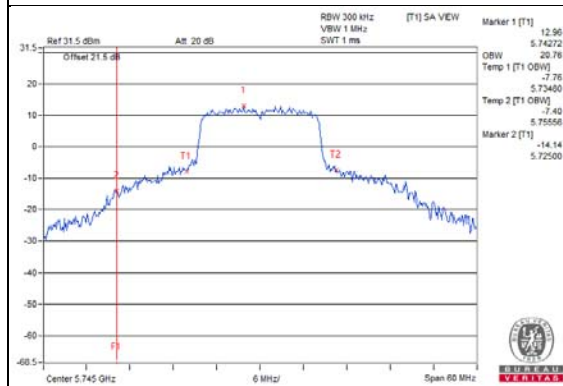


802.11n (HT80) / CH42

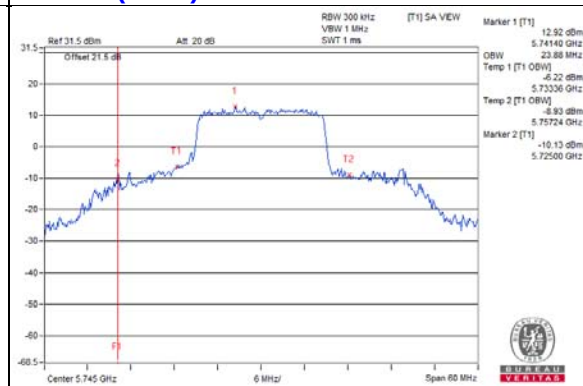


Spectrum Plot for near by DFS band
(DFS is required, if 99% OCP straddle into U-NII-2C band)

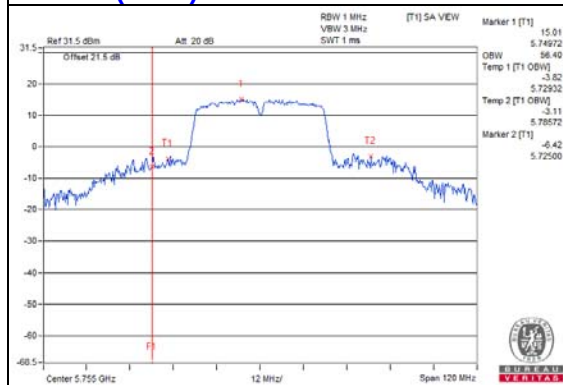
802.11a / CH149



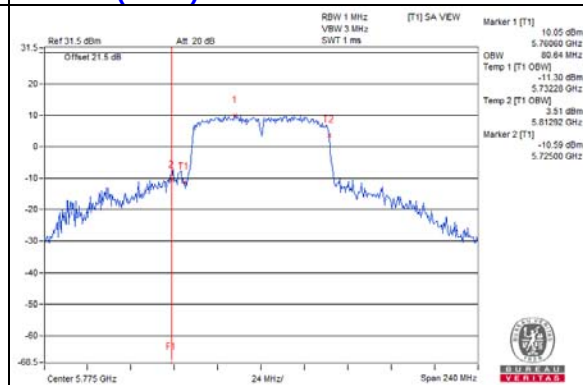
802.11n (HT20) / CH149



802.11n (HT40) / CH151



802.11n (HT80) / CH155

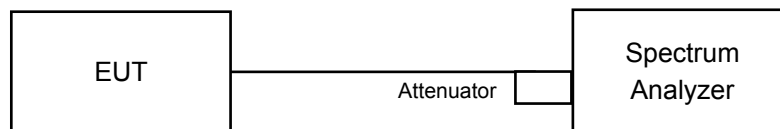


4.5 Peak Power Spectral Density Measurement

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 band:

802.11a, 802.11ac (VHT20)

Using method SA-1

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 1 MHz, Set VBW $\geq$ 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

802.11ac (VHT40), 802.11ac (VHT80)

Using method SA-2

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

For U-NII-3:

802.11a, 802.11ac (VHT20)

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 300 kHz, Set VBW $\geq$ 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 $BWCF = 10\log(500\text{kHz}/300\text{kHz})$
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

802.11ac (VHT40), 802.11ac (VHT80)

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 300 kHz, Set VBW $\geq$ 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 $BWCF = 10\log(500\text{kHz}/300\text{kHz})$
5. Sweep time = auto, trigger set to "free run".
6. Trace average at least 100 traces in power averaging mode.
7. Record the max value and add $10 \log (1/\text{duty cycle})$

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

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	2.80	11.00	Pass
40	5200	8.82	11.00	Pass
48	5240	9.03	11.00	Pass
52	5260	8.94	11.00	Pass
60	5300	9.12	11.00	Pass
64	5320	1.90	11.00	Pass
100	5500	4.17	11.00	Pass
116	5580	10.06	11.00	Pass
140	5700	2.09	11.00	Pass
144 (U-NII-2C Band)	5720	7.88	11.00	Pass

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
36	5180	1.78	11.00	Pass
40	5200	8.45	11.00	Pass
48	5240	8.65	11.00	Pass
52	5260	8.34	11.00	Pass
60	5300	8.74	11.00	Pass
64	5320	1.46	11.00	Pass
100	5500	3.78	11.00	Pass
116	5580	9.91	11.00	Pass
140	5700	1.94	11.00	Pass
144 (U-NII-2C Band)	5720	8.33	11.00	Pass

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	PSD W/O Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD With Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
38	5190	-5.09	0.13	-4.96	11.00	Pass
46	5230	1.96	0.13	2.09	11.00	Pass
54	5270	1.86	0.13	1.99	11.00	Pass
62	5310	-4.28	0.13	-4.15	11.00	Pass
102	5510	-1.03	0.13	-0.90	11.00	Pass
110	5550	5.30	0.13	5.43	11.00	Pass
134	5670	3.04	0.13	3.17	11.00	Pass
142 (U-NII-2C Band)	5710	5.47	0.13	5.60	11.00	Pass

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

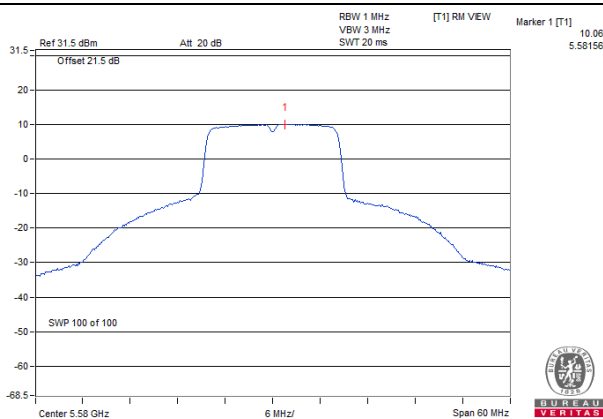
802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	PSD W/O Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD With Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
38	5190	-7.77	0.27	-7.50	11.00	Pass
46	5230	-6.99	0.27	-6.72	11.00	Pass
54	5270	-3.98	0.27	-3.71	11.00	Pass
62	5310	-0.35	0.27	-0.08	11.00	Pass
138 (U-NII-2C Band)	5690	0.51	0.27	0.78	11.00	Pass

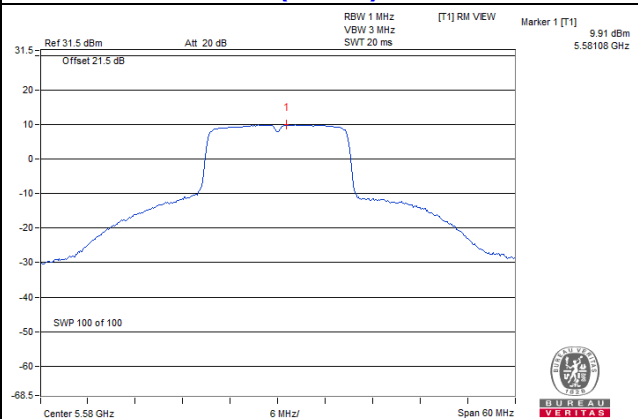
Note: Refer to section 3.3 for duty cycle spectrum plot.

Spectrum Plot of Worst Value

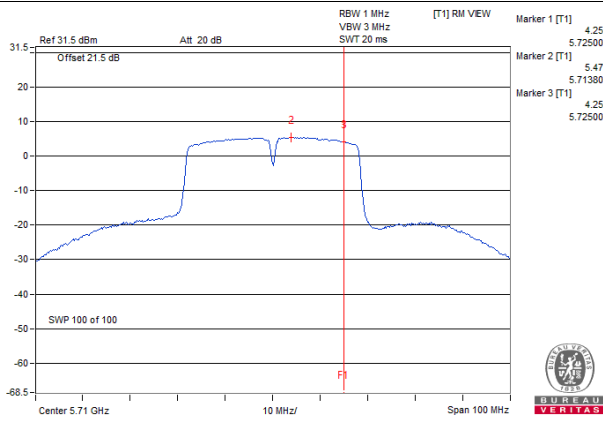
802.11a / CH116



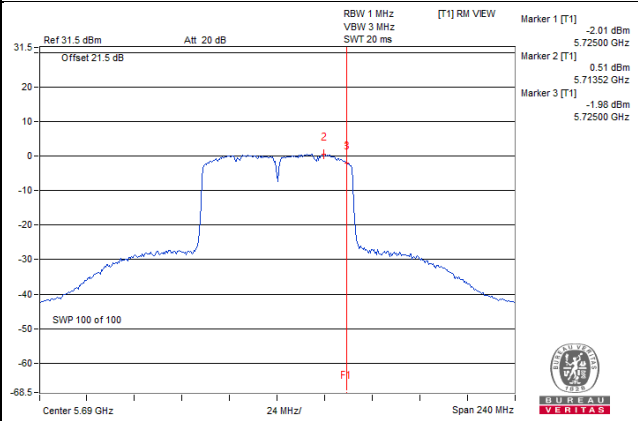
802.11ac (VHT20) / CH116



802.11ac (VHT40) / CH142 (U-NII-2C Band)



802.11ac (VHT80) / CH138 (U-NII-2C Band)



For U-NII-3:

802.11a

Chan.	Chan. Freq. (MHz)	Power Density (dBm/300kHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
144 (U-NII-3 Band)	5720	-1.00	1.22	30	Pass
149	5745	-0.01	2.21	30	Pass
157	5785	-0.43	1.79	30	Pass
165	5825	-0.67	1.55	30	Pass

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Power Density (dBm/300kHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
144 (U-NII-3 Band)	5720	-0.43	1.79	30	Pass
149	5745	-0.22	2.00	30	Pass
157	5785	-0.63	1.59	30	Pass
165	5825	-0.85	1.37	30	Pass

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	PSD W/O Duty Factor (dBm/300kHz)	Duty Factor (dB)	PSD With Duty Factor (dBm/300kHz)	PSD With Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
142 (U-NII-3 Band)	5710	-4.54	0.13	-4.41	-2.19	30	Pass
151	5755	-3.67	0.13	-3.54	-1.32	30	Pass
159	5795	-4.15	0.13	-4.02	-1.80	30	Pass

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

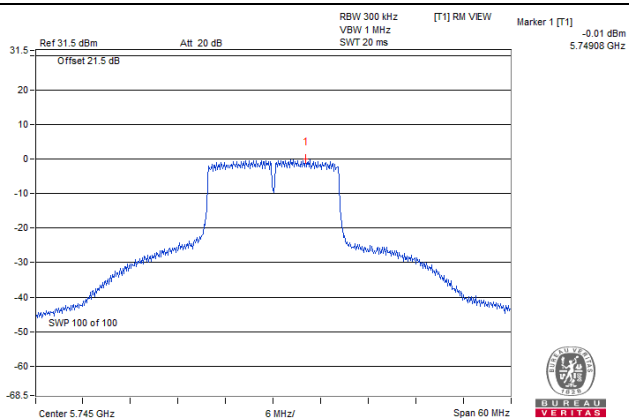
802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	PSD W/O Duty Factor (dBm/300kHz)	Duty Factor (dB)	PSD With Duty Factor (dBm/300kHz)	PSD With Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
138 (U-NII-3 Band)	5690	-11.26	0.27	-10.99	-8.77	30	Pass
155	5775	-8.72	0.27	-8.45	-6.23	30	Pass

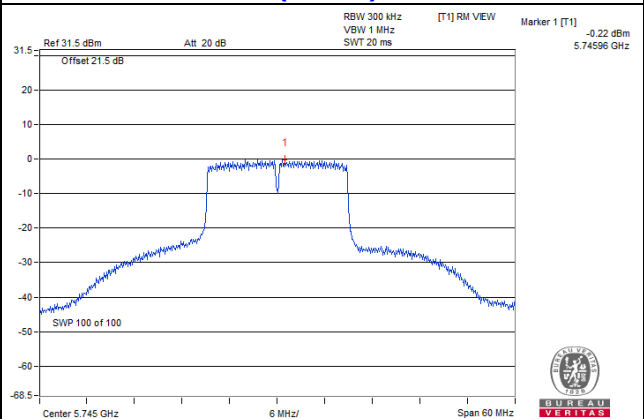
Note: Refer to section 3.3 for duty cycle spectrum plot.

Spectrum Plot of Worst Value

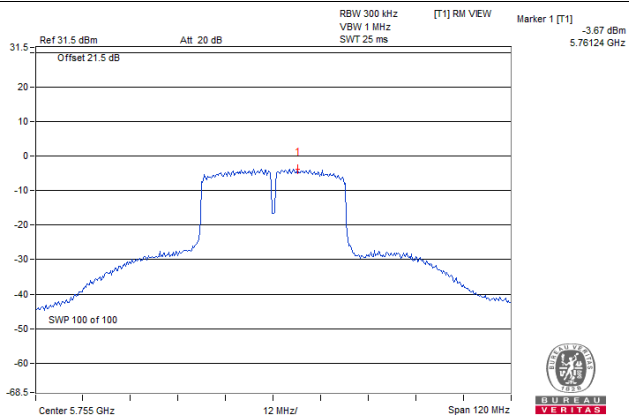
802.11a / CH149



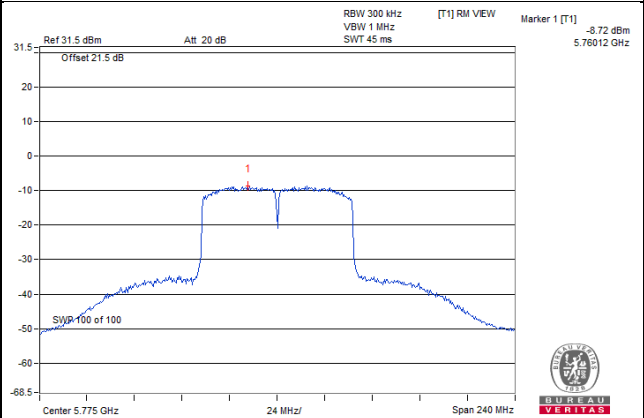
802.11ac (VHT20) / CH149



802.11ac (VHT40) / CH151



802.11ac (VHT80) / CH155

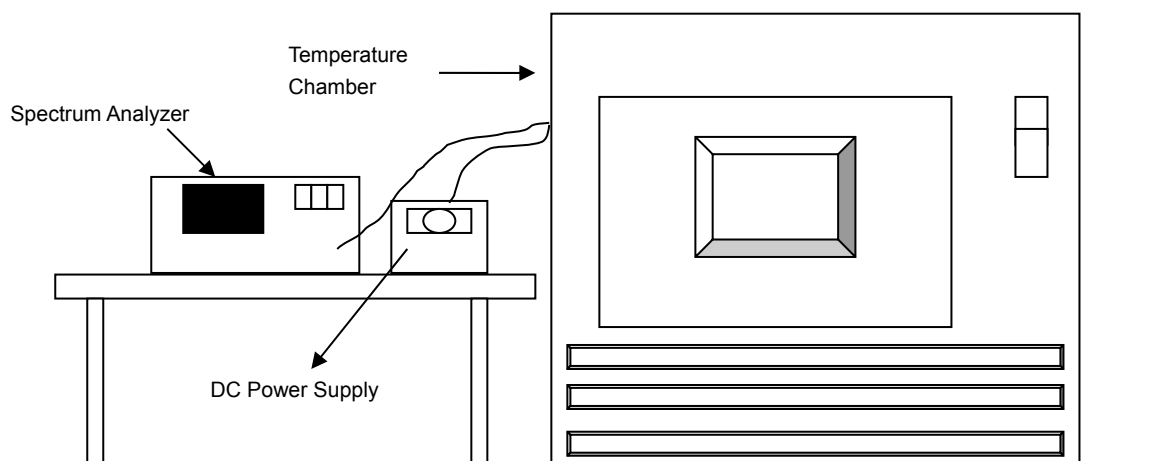


4.6 Frequency Stability Measurement

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

- The EUT was placed inside the environmental test chamber and powered by nominal DC voltage.
- Turn the EUT on and couple its output to a spectrum analyzer.
- Turn the EUT off and set the chamber to the highest temperature specified.
- 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.
- Repeat step (d) with the temperature chamber set to the next desired temperature until measurements down to the lowest specified temperature have been completed.
- 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. (°C)	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
70	3.3	5180.0194	Pass	5180.0183	Pass	5180.0188	Pass	5180.0187	Pass
60	3.3	5180.0048	Pass	5180.0031	Pass	5180.0053	Pass	5180.002	Pass
50	3.3	5179.9839	Pass	5179.9847	Pass	5179.9868	Pass	5179.9882	Pass
40	3.3	5179.9768	Pass	5179.9791	Pass	5179.9751	Pass	5179.9755	Pass
30	3.3	5179.994	Pass	5179.996	Pass	5179.9953	Pass	5179.9954	Pass
20	3.3	5179.9886	Pass	5179.9888	Pass	5179.9925	Pass	5179.9891	Pass
10	3.3	5180.0218	Pass	5180.023	Pass	5180.0211	Pass	5180.0227	Pass
0	3.3	5179.98	Pass	5179.9786	Pass	5179.9789	Pass	5179.9816	Pass
-10	3.3	5180.0083	Pass	5180.0059	Pass	5180.0079	Pass	5180.0056	Pass
-20	3.3	5180.0064	Pass	5180.0068	Pass	5180.004	Pass	5180.0065	Pass

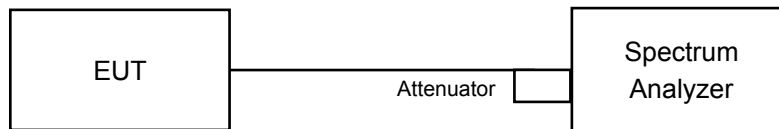
Frequency Stability Versus Voltage									
Operating Frequency: 5180 MHz									
TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
20	3.795	5179.9895	Pass	5179.9889	Pass	5179.992	Pass	5179.9888	Pass
	3.3	5179.9886	Pass	5179.9888	Pass	5179.9925	Pass	5179.9891	Pass
	2.805	5179.9891	Pass	5179.9882	Pass	5179.9921	Pass	5179.9889	Pass

4.7 6dB Bandwidth Measurement

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

- Set resolution bandwidth (RBW) = 100kHz
- Set the video bandwidth (VBW) $\geq 3 \times$ RBW, Detector = Peak.
- Trace mode = max hold.
- Sweep = auto couple.
- 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

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
144 (U-NII-3 Band)	5720	3.16	0.5	Pass
149	5745	16.38	0.5	Pass
157	5785	16.37	0.5	Pass
165	5825	16.37	0.5	Pass

802.11ac (VHT20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
144 (U-NII-3 Band)	5720	3.76	0.5	Pass
149	5745	17.60	0.5	Pass
157	5785	17.37	0.5	Pass
165	5825	17.61	0.5	Pass

802.11ac (VHT40)

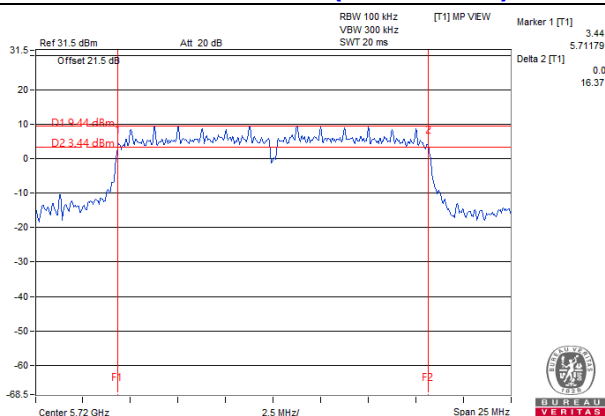
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
142 (U-NII-3 Band)	5710	2.66	0.5	Pass
151	5755	35.33	0.5	Pass
159	5795	35.34	0.5	Pass

802.11ac (VHT80)

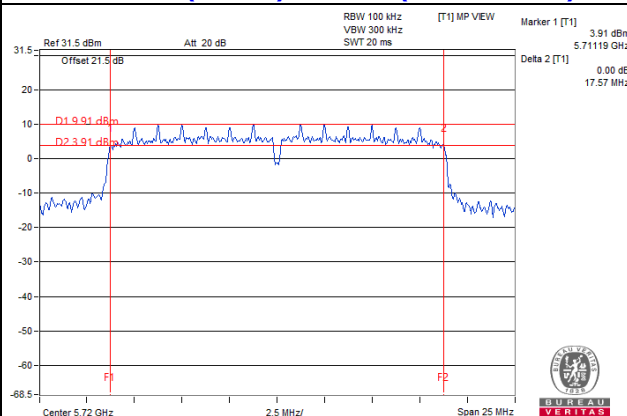
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
138 (U-NII-3 Band)	5690	2.72	0.5	Pass
155	5775	75.41	0.5	Pass

Spectrum Plot of Worst Value

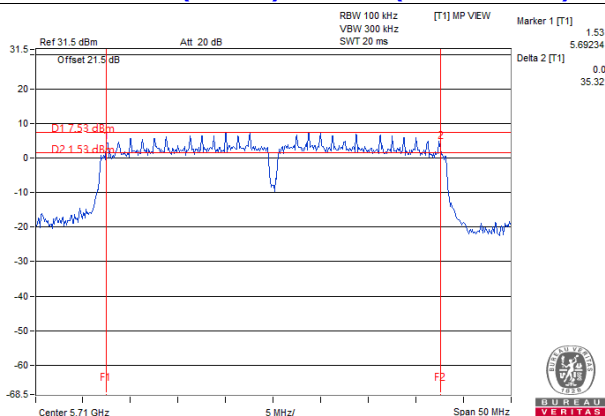
802.11a / CH144 (U-NII-3 Band)



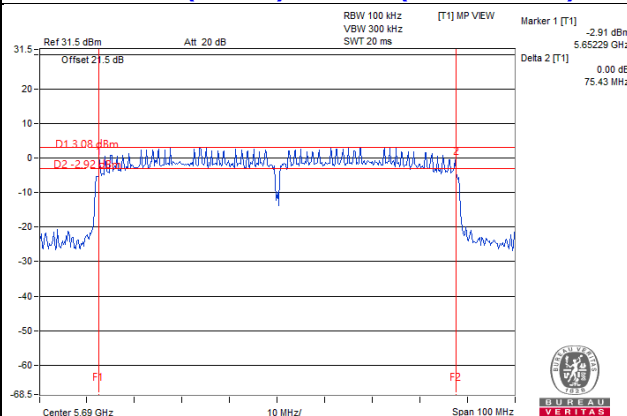
802.11ac (VHT20) / CH144 (U-NII-3 Band)



802.11ac (VHT40) / CH142 (U-NII-3 Band)



802.11ac (VHT80) / CH138 (U-NII-3 Band)



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).

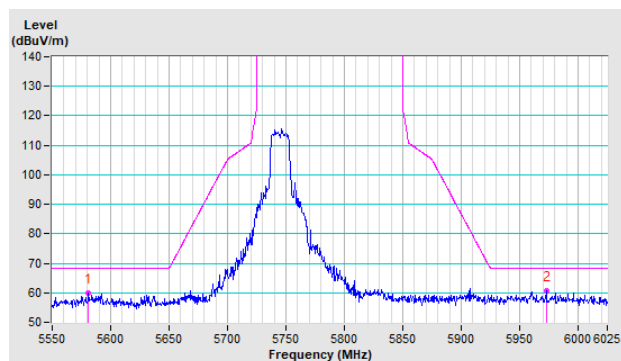
Annex A- Radiated Out of Band Emission (OOBE) Measurement (For U-NII-3 band)

For internal Ant. No.: 1 (Chain 0) PCB antenna (Model: SNPRC-1950)

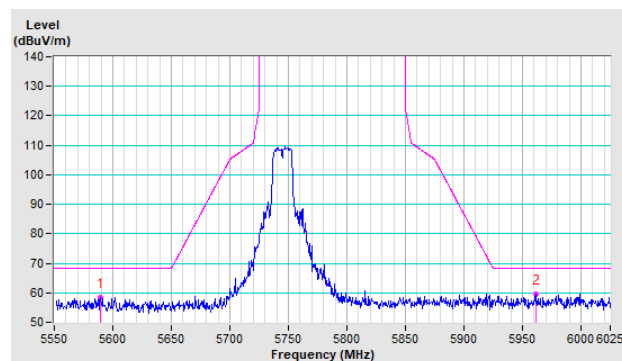
802.11a

CH 149 5745 MHz

Horizontal

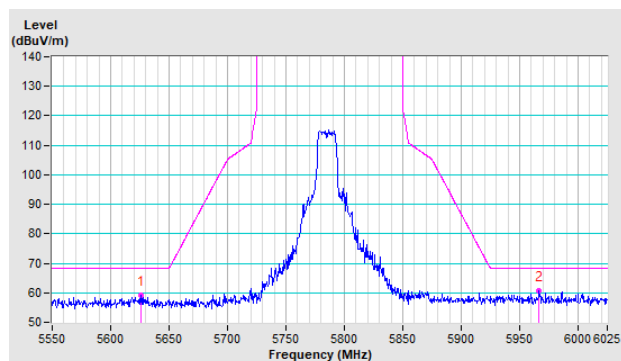


Vertical

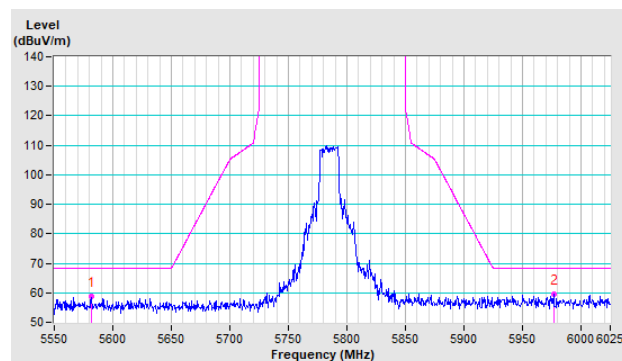


CH 157 5785 MHz

Horizontal

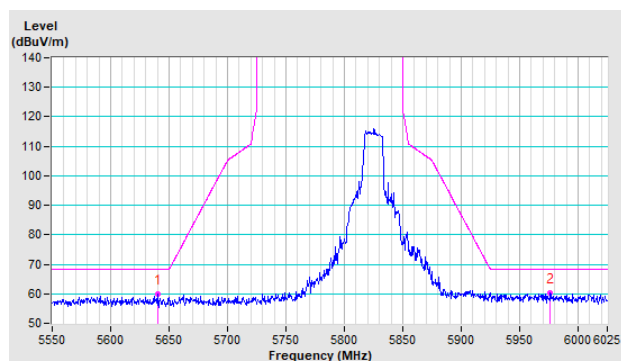


Vertical

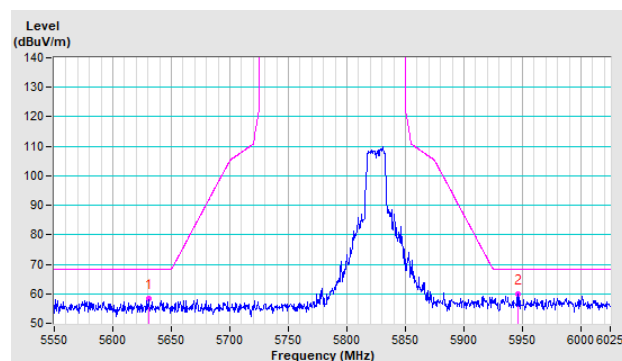


CH 165 5825 MHz

Horizontal



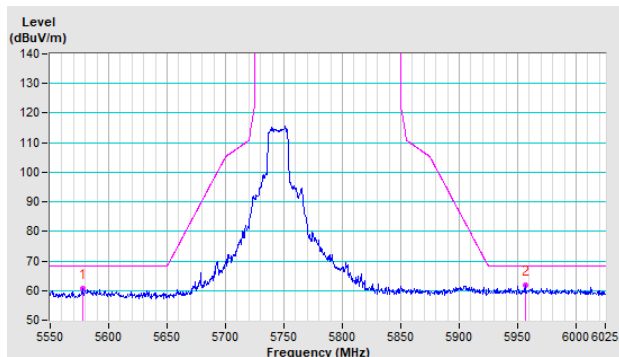
Vertical



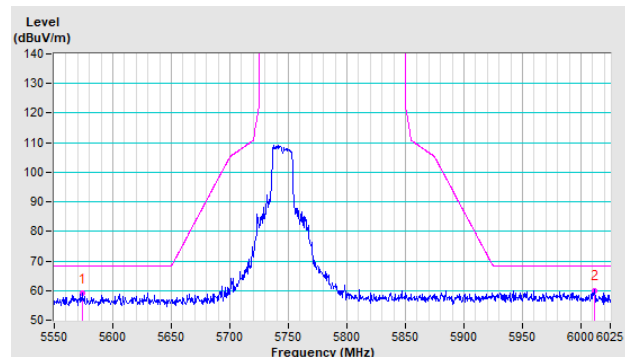
802.11ac (VHT20)

CH 149 5745 MHz

Horizontal

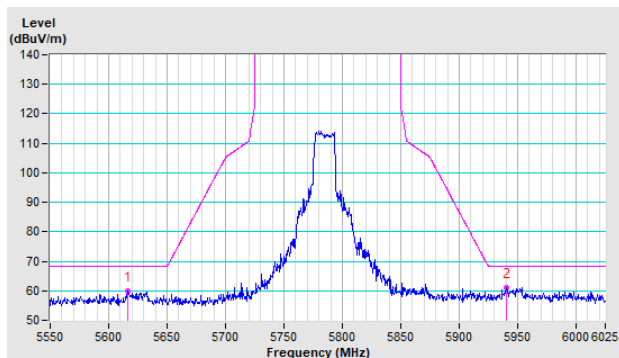


Vertical

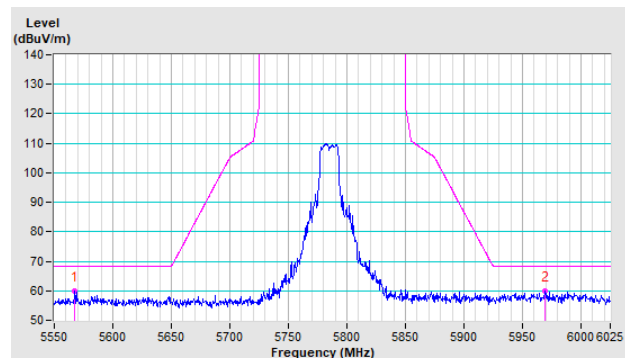


CH 157 5785 MHz

Horizontal

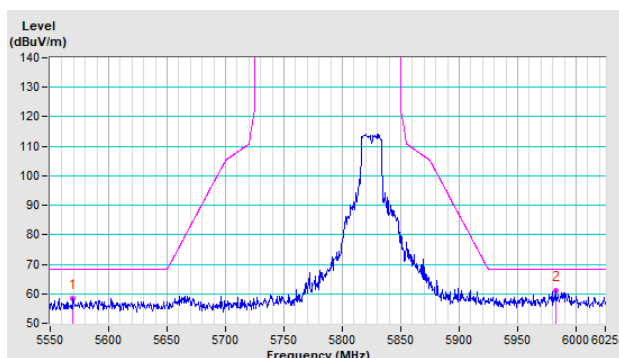


Vertical

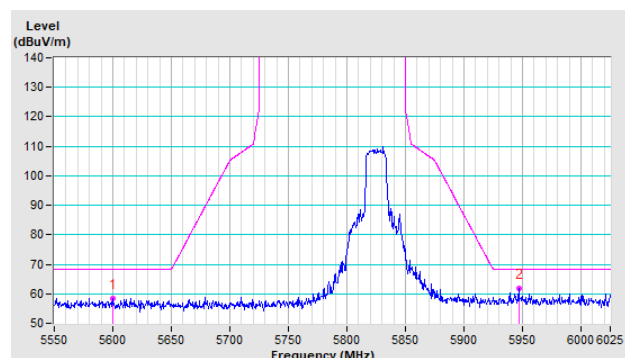


CH 165 5825 MHz

Horizontal



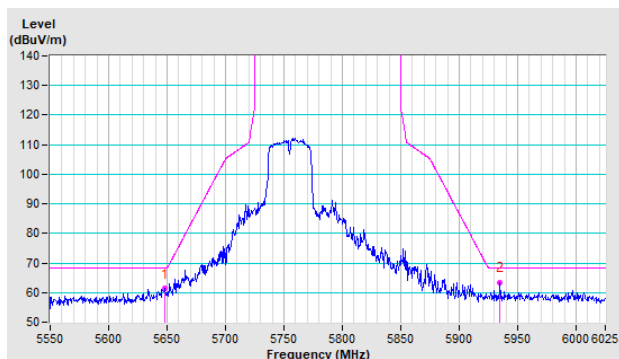
Vertical



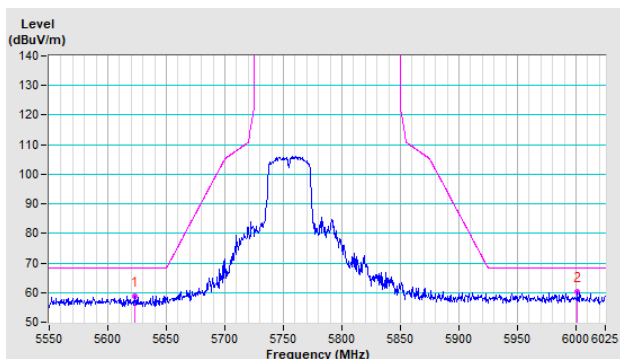
802.11ac (VHT40)

CH 151 5755 MHz

Horizontal

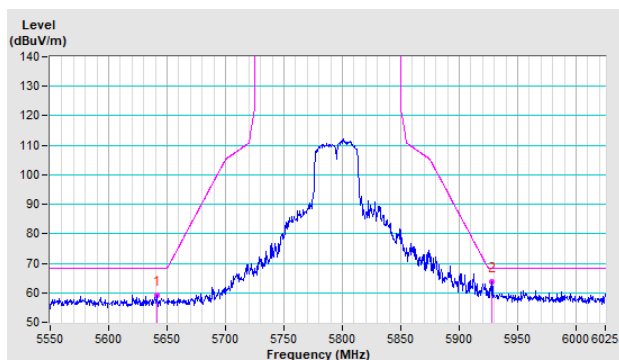


Vertical

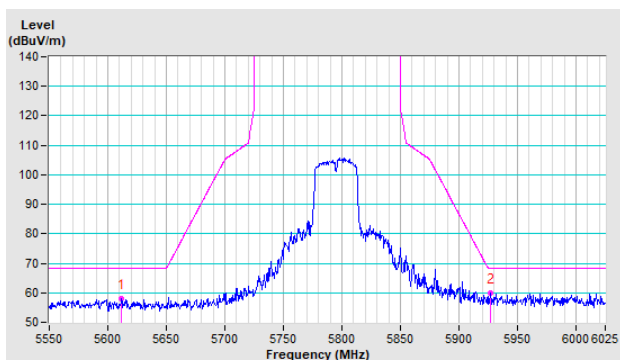


CH 159 5795 MHz

Horizontal



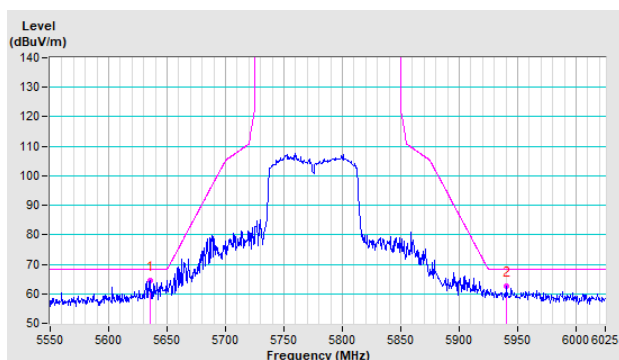
Vertical



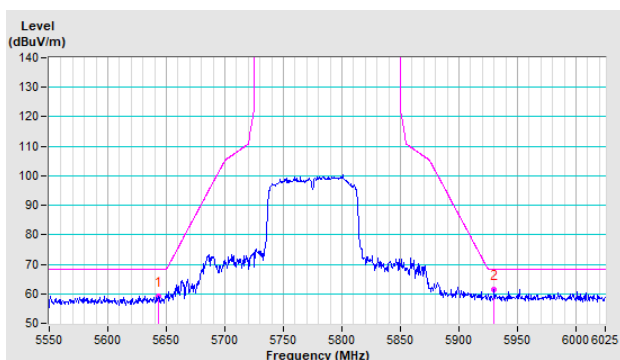
802.11ac (VHT80)

CH 155 5775 MHz

Horizontal



Vertical

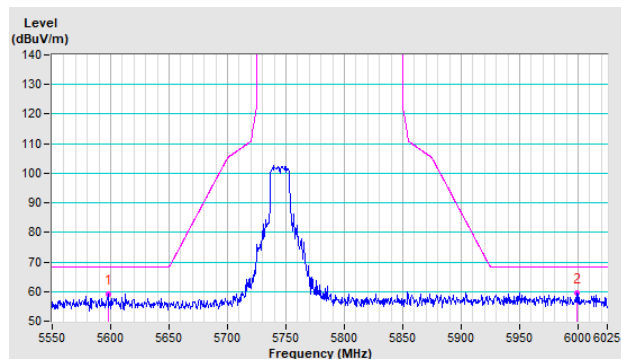


For internal Ant. No.: 1 (Chain 1) PCB antenna (Model: SNPRC-1950)

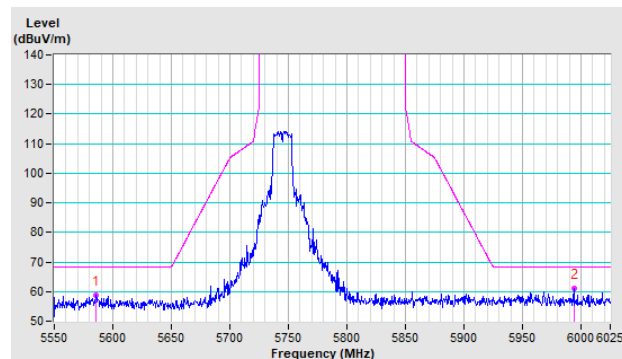
802.11a

CH 149 5745 MHz

Horizontal

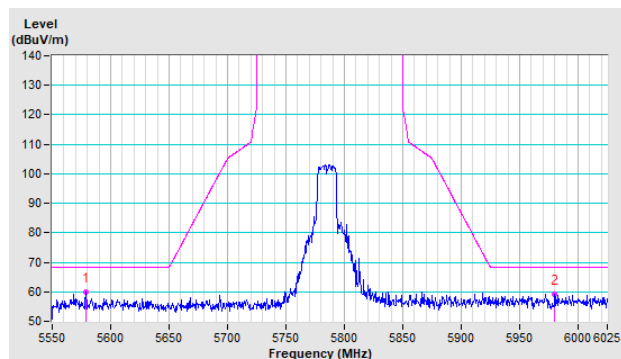


Vertical

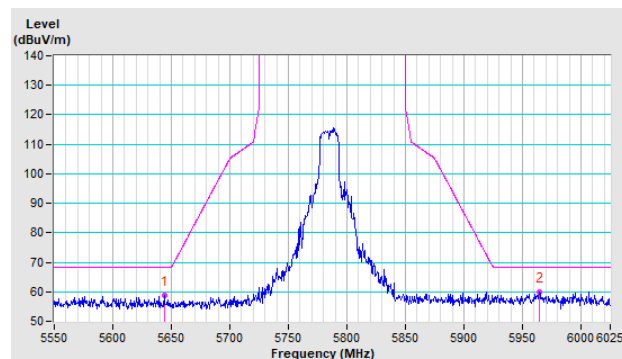


CH 157 5785 MHz

Horizontal

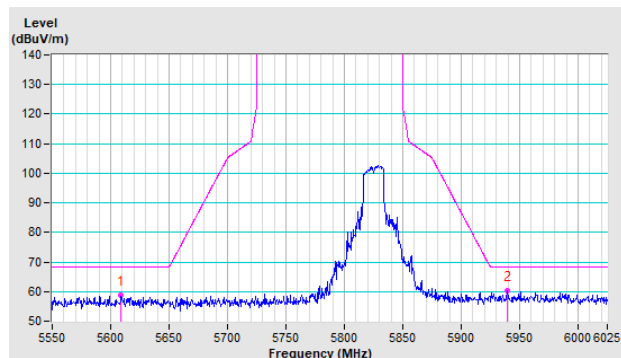


Vertical

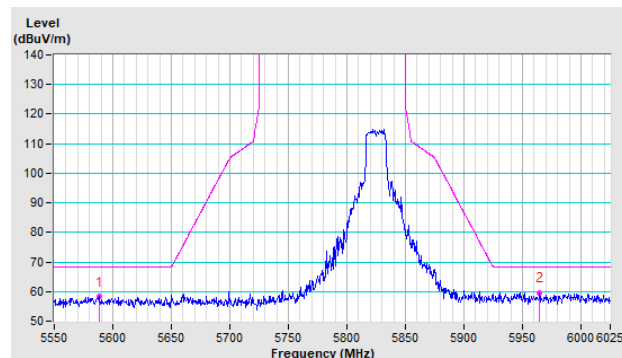


CH 165 5825 MHz

Horizontal



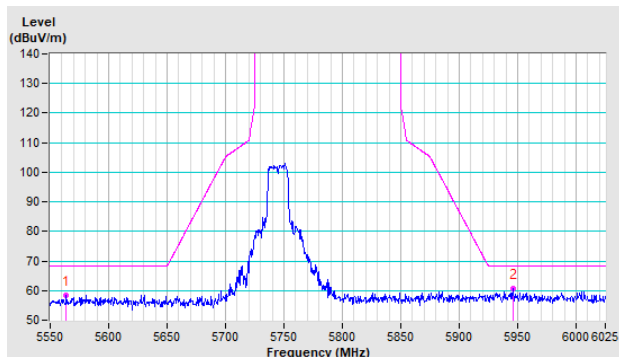
Vertical



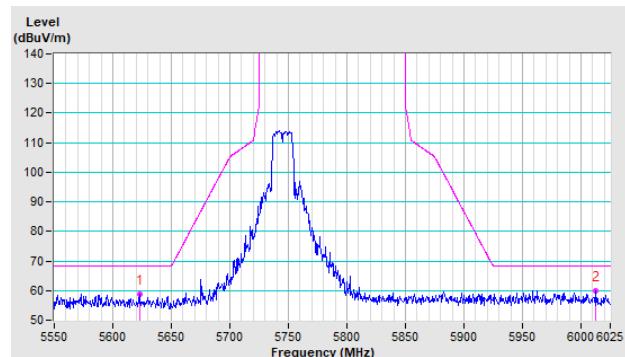
802.11ac (VHT20)

CH 149 5745 MHz

Horizontal

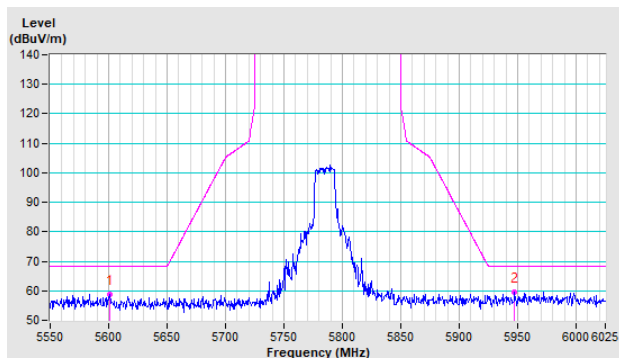


Vertical

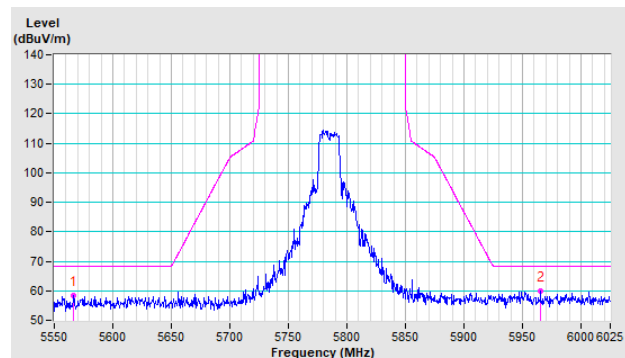


CH 157 5785 MHz

Horizontal

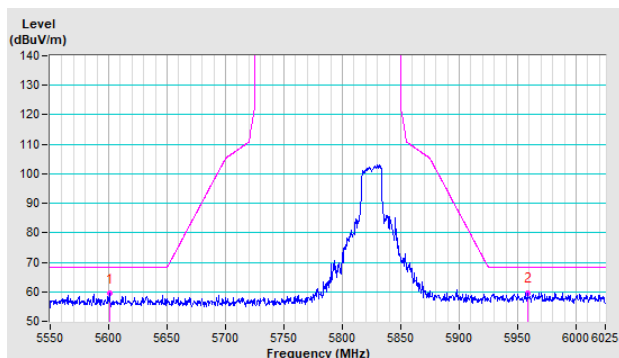


Vertical

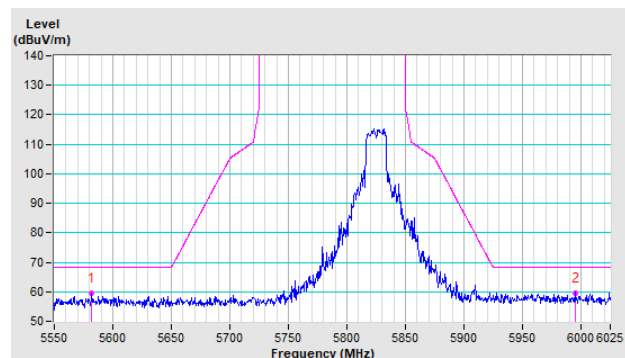


CH 165 5825 MHz

Horizontal



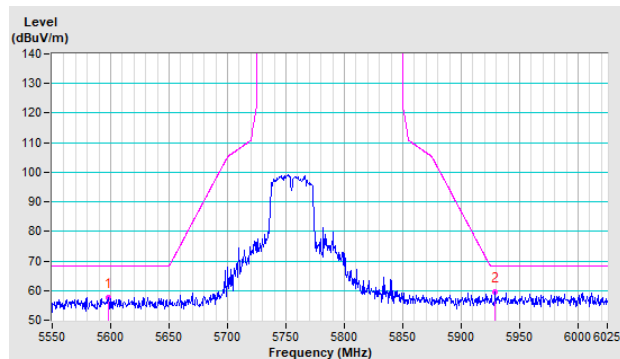
Vertical



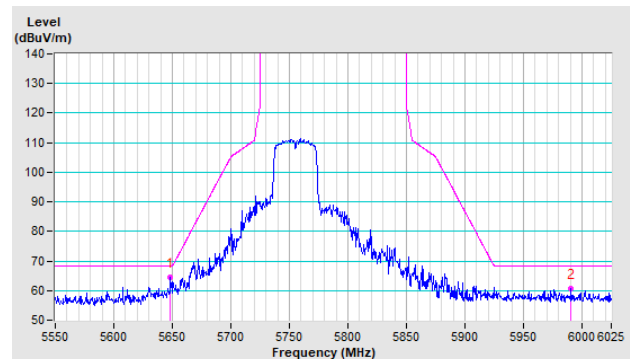
802.11ac (VHT40)

CH 151 5755 MHz

Horizontal

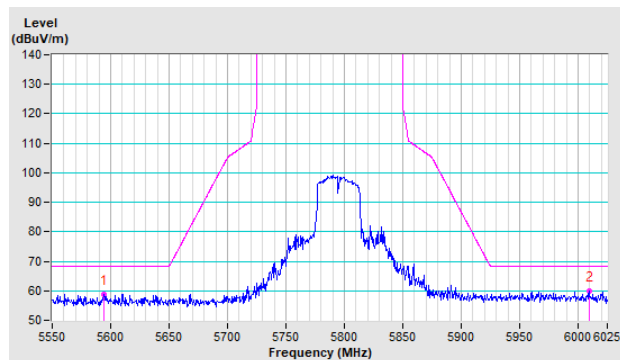


Vertical

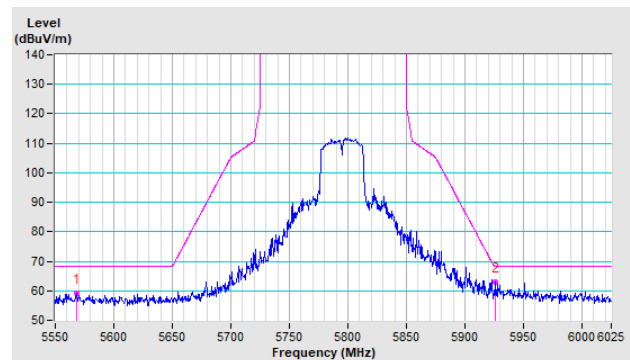


CH 159 5795 MHz

Horizontal



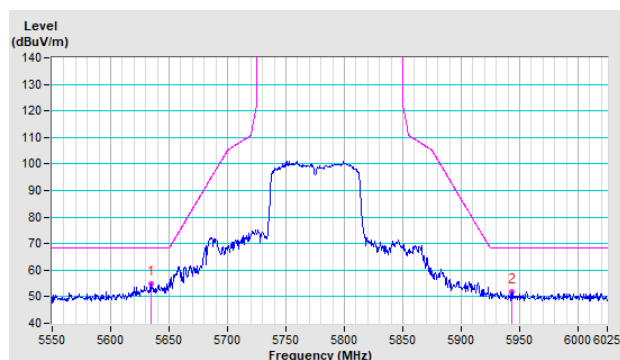
Vertical



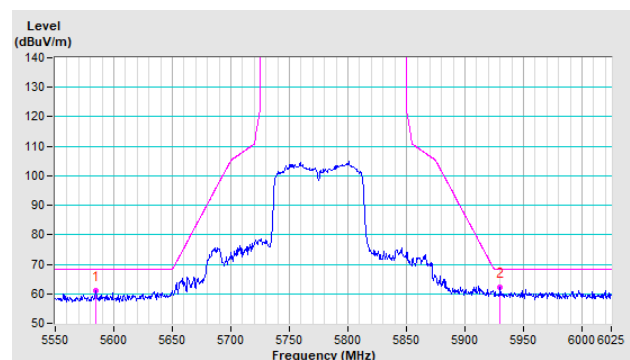
802.11ac (VHT80)

CH 155 5775 MHz

Horizontal



Vertical

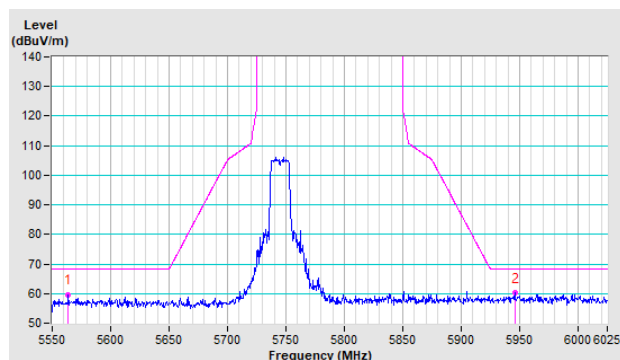


For external Ant. No.: 2 (Chain 1) PCB antenna (Model: ANT300P002B24553)

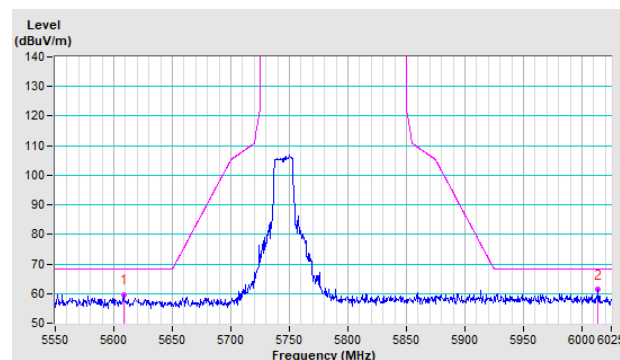
802.11a

CH 149 5745 MHz

Horizontal

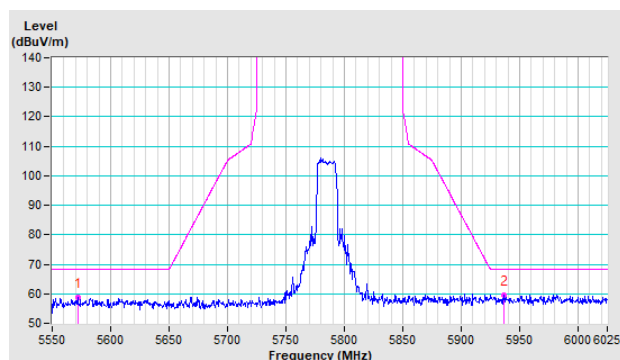


Vertical

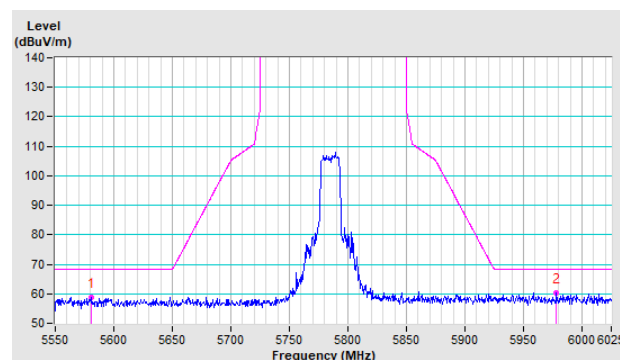


CH 157 5785 MHz

Horizontal

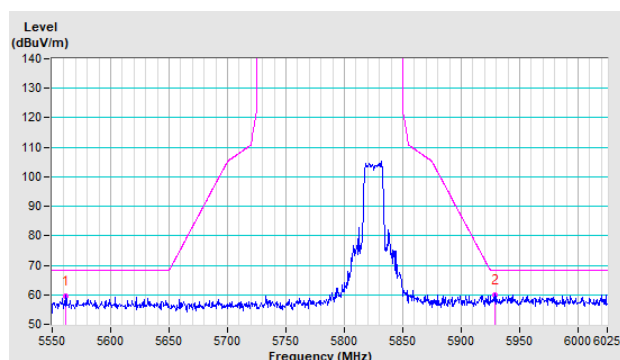


Vertical

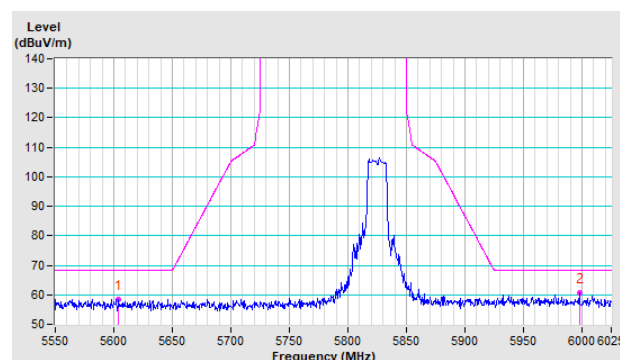


CH 165 5825 MHz

Horizontal



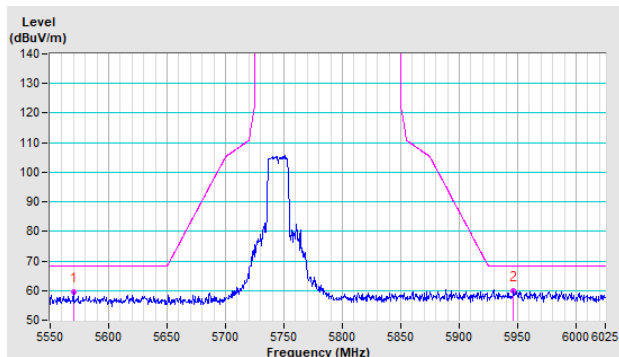
Vertical



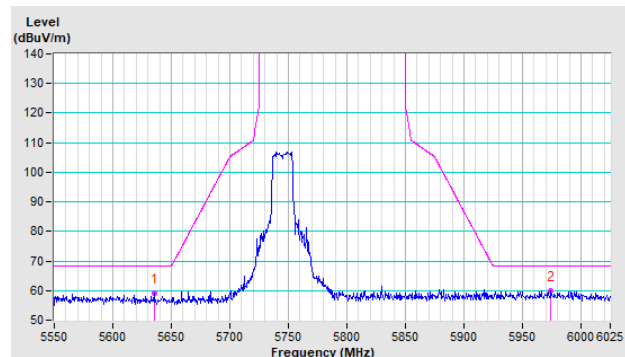
802.11ac (VHT20)

CH 149 5745 MHz

Horizontal

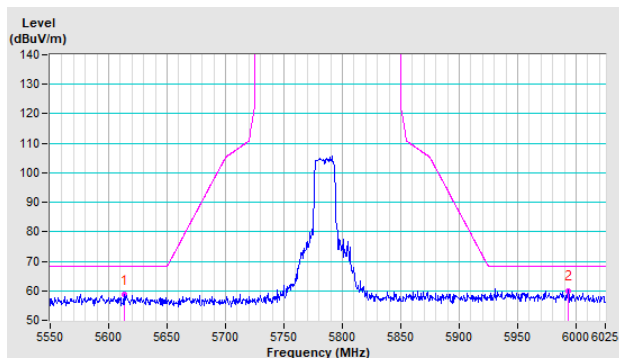


Vertical

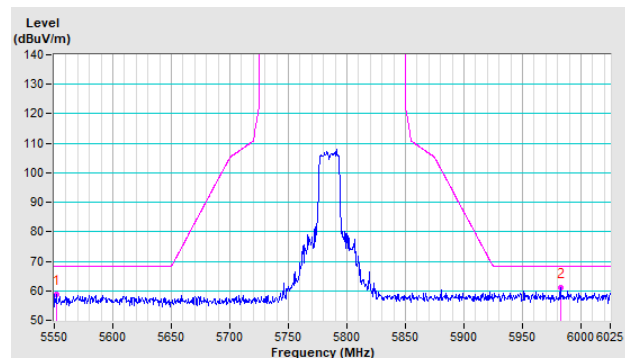


CH 157 5785 MHz

Horizontal

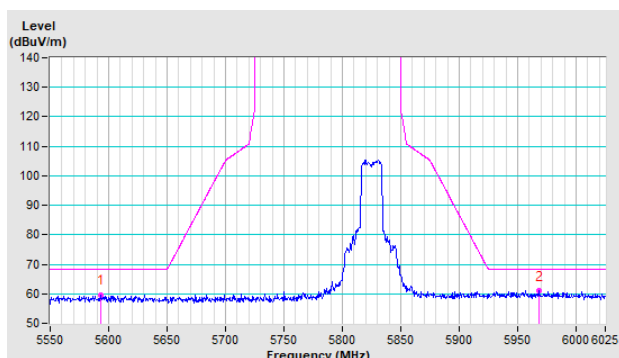


Vertical

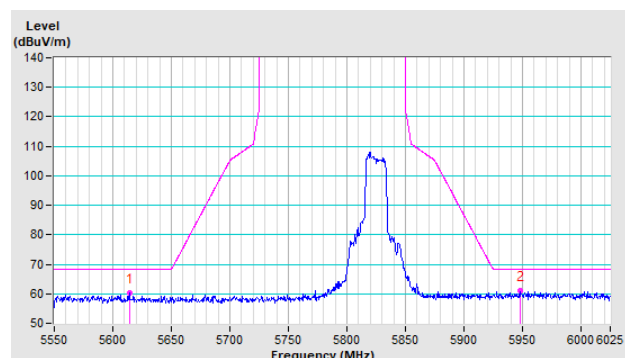


CH 165 5825 MHz

Horizontal



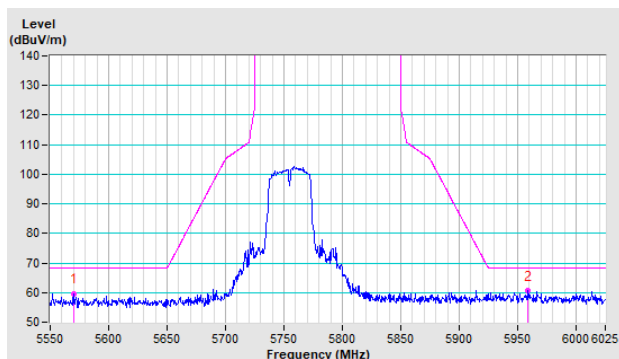
Vertical



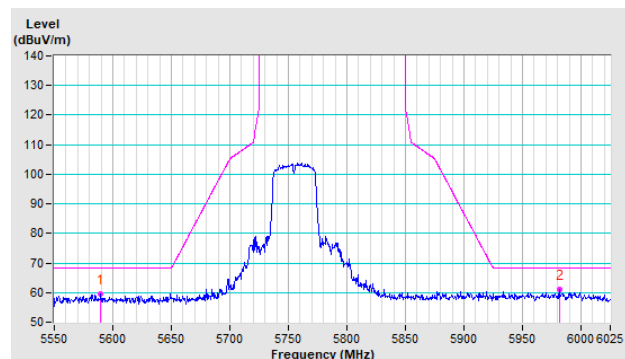
802.11ac (VHT40)

CH 151 5755 MHz

Horizontal

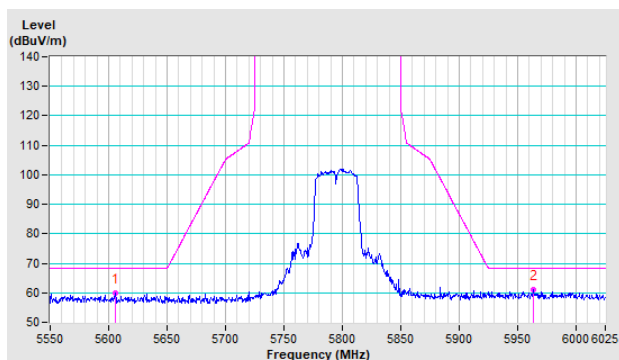


Vertical

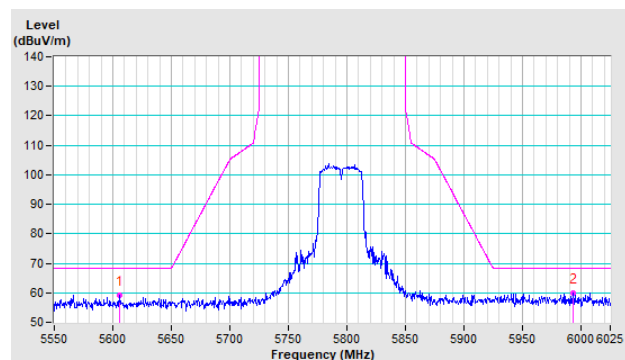


CH 159 5795 MHz

Horizontal



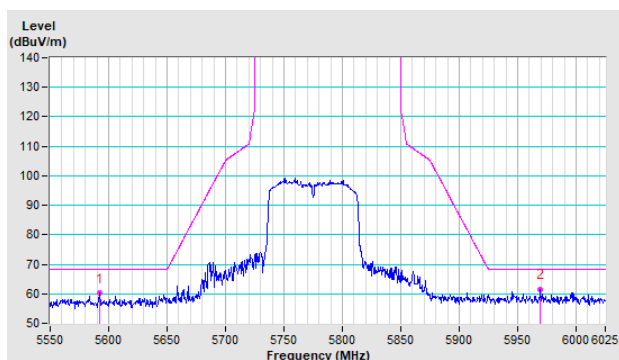
Vertical



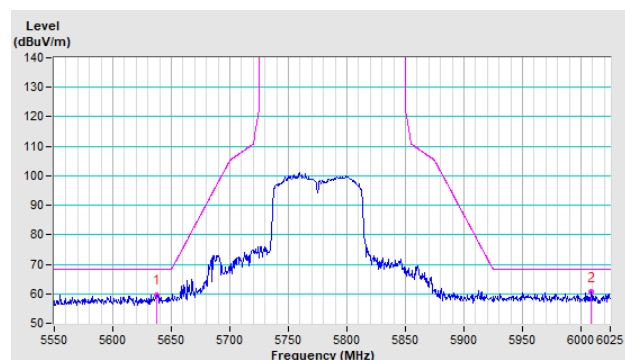
802.11ac (VHT80)

CH 155 5775 MHz

Horizontal



Vertical

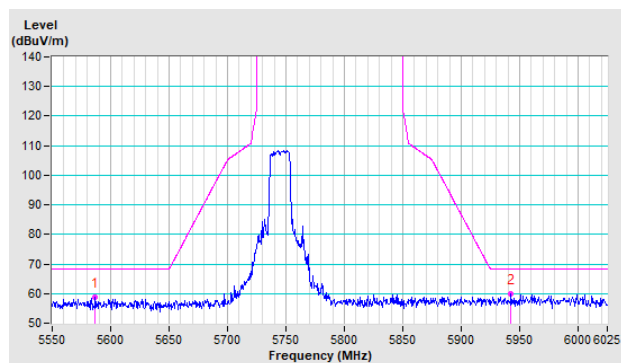


For external Ant. No.: 5 (Chain 1) PIFA antenna (Model: SZ07751)

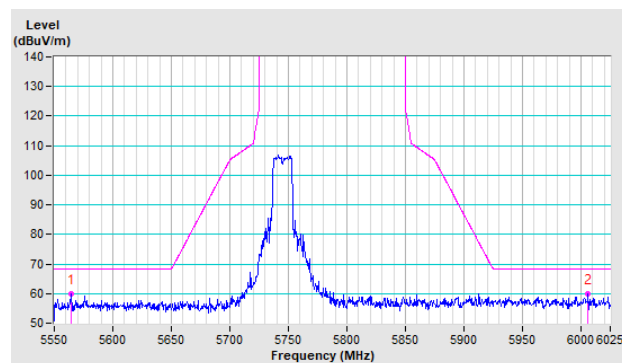
802.11a

CH 149 5745 MHz

Horizontal

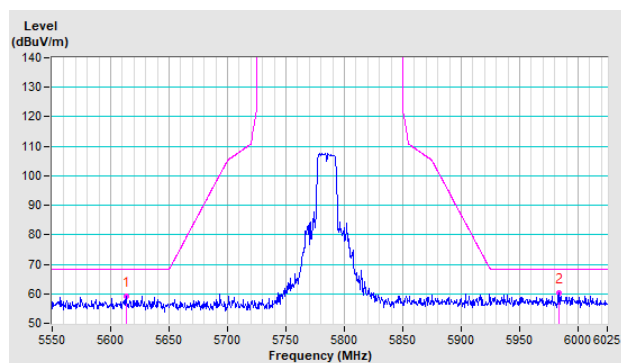


Vertical

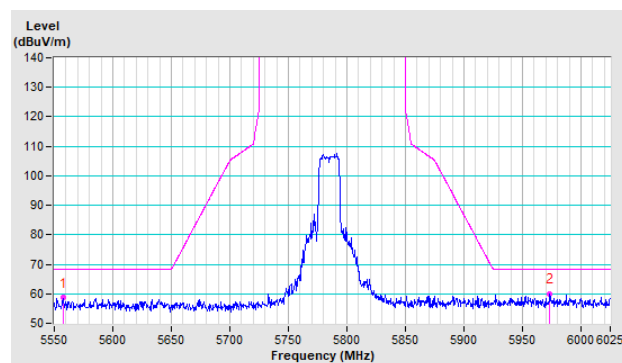


CH 157 5785 MHz

Horizontal

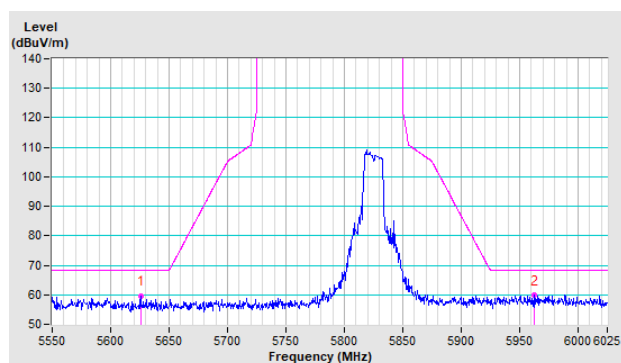


Vertical

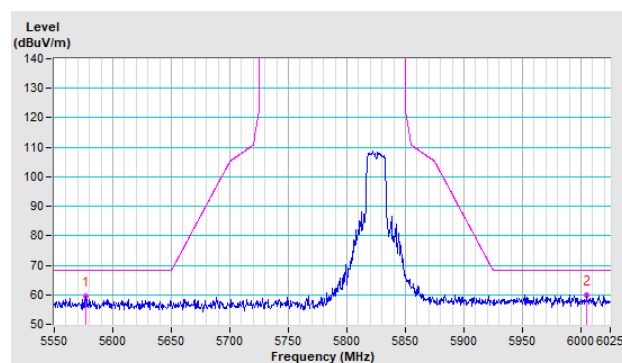


CH 165 5825 MHz

Horizontal



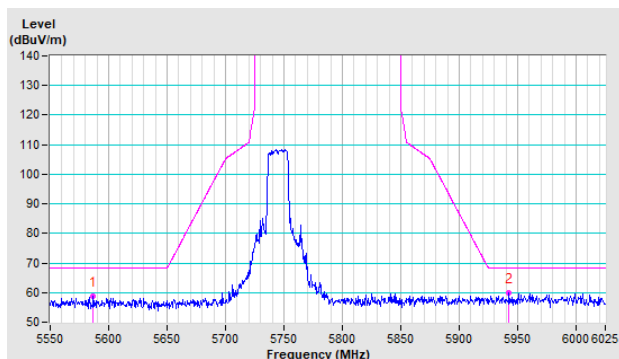
Vertical



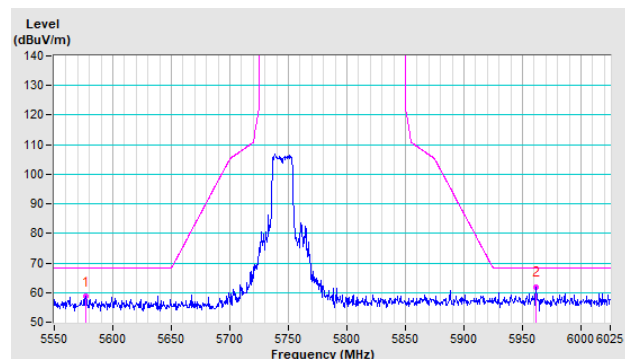
802.11ac (VHT20)

CH 149 5745 MHz

Horizontal

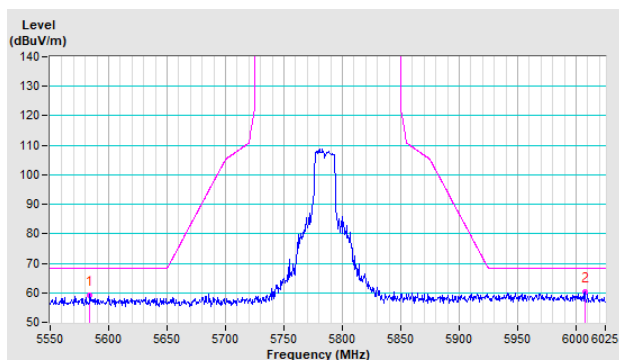


Vertical

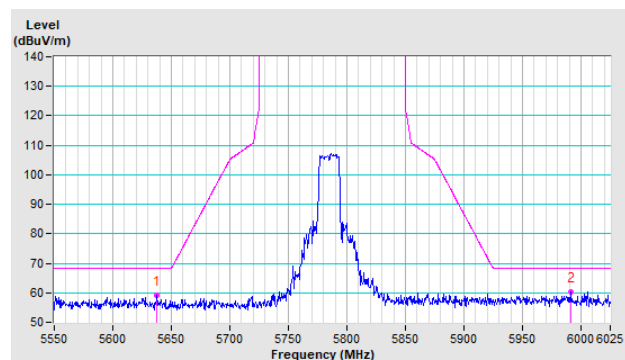


CH 157 5785 MHz

Horizontal

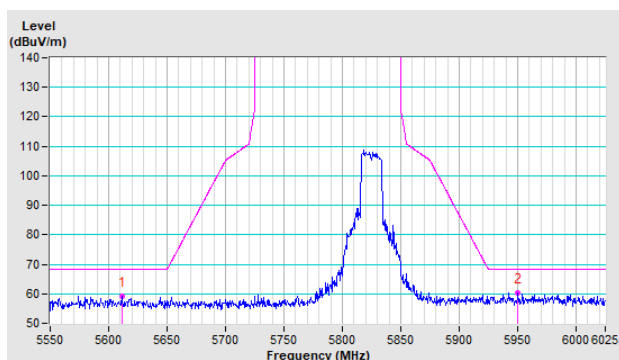


Vertical

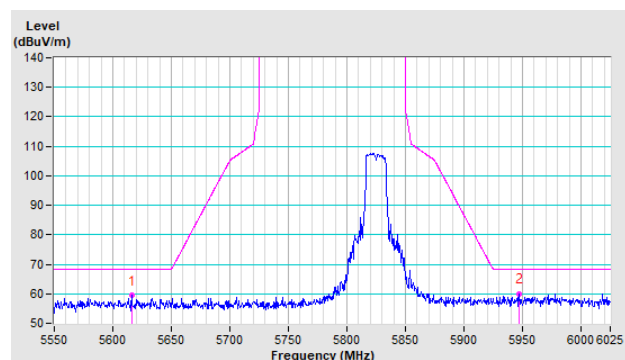


CH 165 5825 MHz

Horizontal



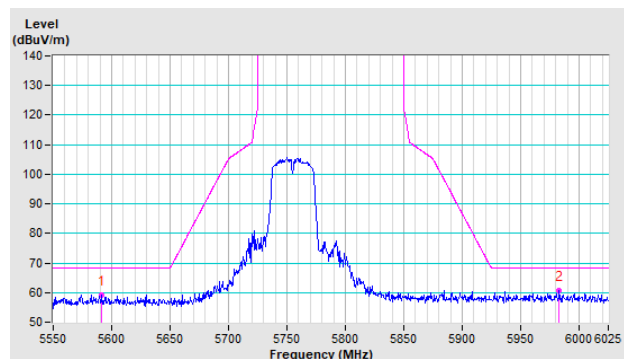
Vertical



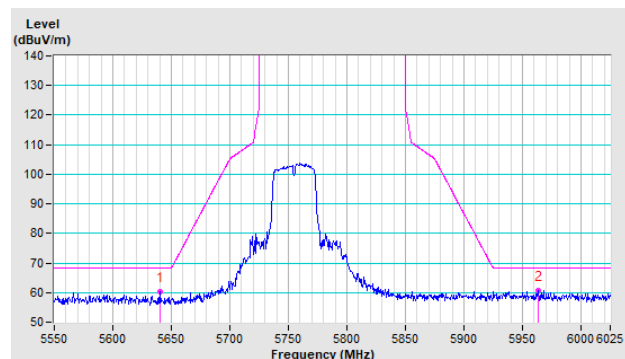
802.11ac (VHT40)

CH 151 5755 MHz

Horizontal

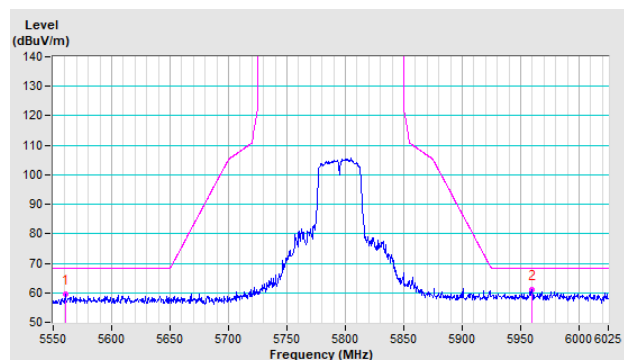


Vertical

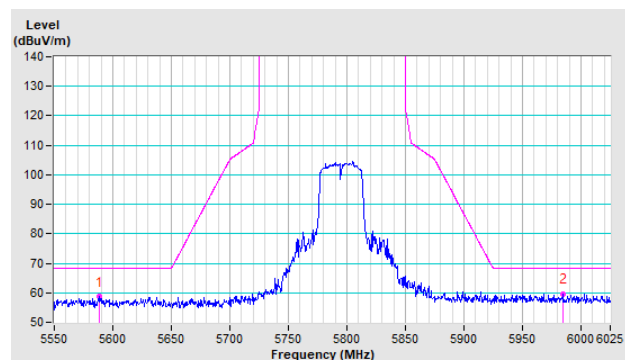


CH 159 5795 MHz

Horizontal



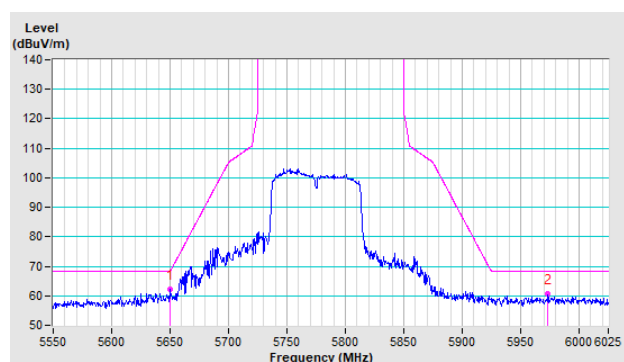
Vertical



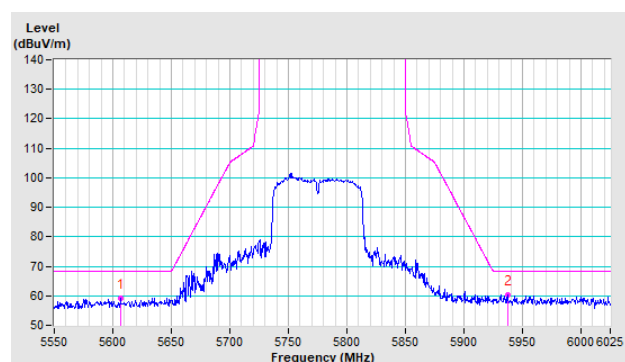
802.11ac (VHT80)

CH 155 5775 MHz

Horizontal



Vertical



Appendix – Information of 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:

Lin Kou EMC/RF Lab

Tel: 886-2-26052180

Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab

Tel: 886-3-6668565

Fax: 886-3-6668323

Hwa Ya EMC/RF/Safety Lab

Tel: 886-3-3183232

Fax: 886-3-3270892

Email: service.adt@tw.bureauveritas.com

Web Site: www.bureauveritas-adt.com

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

--- END ---