

FCC Test Report (WLAN)

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Test Model: RTL8852AE

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Table of Contents

Release Control Record	4
1 Certificate of Conformity.....	5
2 Summary of Test Results	6
2.1 Measurement Uncertainty	6
2.2 Modification Record	6
3 General Information.....	7
3.1 General Description of EUT (WLAN)	7
3.2 Description of Test Modes	10
3.2.1 Test Mode Applicability and Tested Channel Detail	12
3.3 Duty Cycle of Test Signal	19
3.4 Description of Support Units	23
3.4.1 Configuration of System under Test	24
3.5 General Description of Applied Standard and References	25
4 Test Types and Results	26
4.1 Radiated Emission and Bandedge Measurement.....	26
4.1.1 Limits of Radiated Emission and Bandedge Measurement	26
4.1.2 Test Instruments	27
4.1.3 Test Procedure	29
4.1.4 Deviation from Test Standard	30
4.1.5 Test Setup.....	30
4.1.6 EUT Operating Condition	31
4.1.7 Test Results (Mode 1).....	32
4.1.8 Test Results (Mode 2).....	198
4.2 Conducted Emission Measurement	364
4.2.1 Limits of Conducted Emission Measurement	364
4.2.2 Test Instruments	364
4.2.3 Test Procedure	365
4.2.4 Deviation from Test Standard	365
4.2.5 Test Setup.....	365
4.2.6 EUT Operating Condition	365
4.2.7 Test Results	366
4.3 Transmit Power Measurement	368
4.3.1 Limits of Transmit Power Measurement	368
4.3.2 Test Setup.....	368
4.3.3 Test Instruments	369
4.3.4 Test Procedure	369
4.3.5 Deviation from Test Standard	369
4.3.6 EUT Operating Condition	369
4.3.7 Test Results (Mode 1).....	370
4.3.8 Test Results (Mode 2).....	404
4.4 Occupied Bandwidth Measurement	424
4.4.1 Test Setup.....	424
4.4.2 Test Instruments	424
4.4.3 Test Procedure	424
4.4.4 Test Results (Mode 1).....	425
4.4.5 Test Results (Mode 2).....	430
4.5 Peak Power Spectral Density Measurement	434
4.5.1 Limits of Peak Power Spectral Density Measurement	434
4.5.2 Test Setup.....	434
4.5.3 Test Instruments	434
4.5.4 Test Procedure	434
4.5.5 Deviation from Test Standard	434
4.5.6 EUT Operating Condition	434

4.5.7 Test Results (Mode 1).....	435
4.5.8 Test Results (Mode 2).....	445
4.6 Frequency Stability Measurement.....	453
4.6.1 Limits of Frequency Stability Measurement	453
4.6.2 Test Setup.....	453
4.6.3 Test Instruments	453
4.6.4 Test Procedure	453
4.6.5 Deviation from Test Standard	453
4.6.6 EUT Operating Condition	453
4.6.7 Test Results	454
4.7 6dB Bandwidth Measurement.....	455
4.7.1 Limits of 6dB Bandwidth Measurement.....	455
4.7.2 Test Setup.....	455
4.7.3 Test Instruments	455
4.7.4 Test Procedure	455
4.7.5 Deviation from Test Standard	455
4.7.6 EUT Operating Condition	455
4.7.7 Test Results (Mode 1).....	456
4.7.8 Test Results (Mode 2).....	459
5 Pictures of Test Arrangements.....	462
Annex A - Radiated Out of Band Emission (OOBE) Measurement (For U-NII-3 band)	463
Annex A.1 - Test Results (Mode 1)	463
Annex A.2 - Test Results (Mode 2)	475
Annex B - Band-Edge Measurement (For U-NII-1, U-NII-2A, U-NII-2C band)	487
Annex B.1 - Test Results (Mode 1).....	487
Annex B.1 - Test Results (Mode 2).....	515
Appendix – Information of the Testing Laboratories	543

Release Control Record

Issue No.	Description	Date Issued
RF200522E04-1	Original release.	Sep. 24, 2020

1 Certificate of Conformity

Product: 11ax RTL8852AE Combo module

Brand: REALTEK

Test Model: RTL8852AE

Sample Status: ENGINEERING SAMPLE

Applicant: Realtek Semiconductor Corp.

Test Date: June 25 to Sep. 01, 2020

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 : Vivian Huang , **Date:** Sep. 24, 2020
Vivian Huang / Specialist

Approved by : Clark Lin , **Date:** Sep. 24, 2020
Clark Lin / Technical Manager

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
FCC Clause	Test Item	Result	Remarks
15.407(b)(6)	AC Power Conducted Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -14.79dB at 0.17734 MHz.
15.407(b) (1/2/3/4(i/ii)/6)	Radiated Emissions & Band Edge Measurement*	Pass	Meet the requirement of limit. Minimum passing margin is -1.5 dB at 5150.00 MHz, 5350.00 MHz, 5467.12 MHz, 5467.34 MHz, 5467.64 MHz, 5470.00 MHz and 5725.00 MHz.
15.407(a)(1/2/3)	Max Average Transmit Power	Pass	Meet the requirement of limit.
---	Occupied Bandwidth Measurement	-	Reference only.
15.407(a)(1/2/3)	Peak Power Spectral Density	Pass	Meet the requirement of limit.
15.407(e)	6dB bandwidth	Pass	Meet the requirement of limit. (U-NII-3 Band only)
15.407(g)	Frequency Stability	Pass	Meet the requirement of limit.
15.203	Antenna Requirement	Pass	Antenna connector is i-pex(MHF) not a standard connector.

Note:

- For U-NII-3 band compliance with rule part 15.407(b)(4)(i), the OOB test plots were recorded in Annex A.
- For U-NII-1, U-NII-2A, U-NII-2C band compliance with rule 15.407(b) of the band-edge items, the test plots were recorded in Annex B. Test Procedures refer to report 4.1.3.
- 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) ($\pm$)
Conducted Emissions at mains ports	150kHz ~ 30MHz	1.9 dB
Radiated Emissions up to 1 GHz	9kHz ~ 30MHz	3.1 dB
	30MHz ~ 1GHz	5.1 dB
Radiated Emissions above 1 GHz	1GHz ~ 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	11ax RTL8852AE Combo module
Brand	REALTEK
Test Model	RTL8852AE
Status of EUT	ENGINEERING SAMPLE
Power Supply Rating	3.3Vdc from host equipment
Modulation Type	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode and VHT (20/40) mode in 2.4GHz 1024QAM for OFDMA in 11ax HE mode
Modulation Technology	DSSS, OFDM, OFDMA
Transfer Rate	802.11b: up to 11 Mbps 802.11a/g: up to 54 Mbps 802.11n: up to 300 Mbps 802.11ac: up to 866.7 Mbps 802.11ax: up to 1201 Mbps
Operating Frequency	2.4GHz: 2.412 ~ 2.472 GHz 5GHz: 5.18 ~ 5.24 GHz, 5.26 ~ 5.32 GHz, 5.50 ~ 5.72 GHz, 5.745 ~ 5.825 GHz
Number of Channel	2.4GHz: 802.11b, 802.11g, 802.11n (HT20), VHT20, 802.11ax (HE20): 13, 802.11n (HT40), VHT40, 802.11ax (HE40): 9 5GHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 25 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 12 802.11ac (VHT80), 802.11ax (HE80): 6
Output Power	For 2TX CDD Mode: 2.4 GHz: 329.703 mW 5.18 ~ 5.24 GHz: 196.249 mW 5.26 ~ 5.32 GHz: 189.22 mW 5.5 ~ 5.72 GHz: 248.921 mW 5.745 ~ 5.825 GHz: 640.55 mW Beamforming Mode: 2.4 GHz: 287.215 mW 5.18 ~ 5.24 GHz: 157.049 mW 5.26 ~ 5.32 GHz: 155.011 mW 5.5 ~ 5.72 GHz: 156.69 mW 5.745 ~ 5.825 GHz: 353.209 mW For 1TX 2.4 GHz: 196.789 mW 5.18 ~ 5.24 GHz: 177.419 mW 5.26 ~ 5.32 GHz: 177.011 mW 5.5 ~ 5.72 GHz: 193.36 mW 5.745 ~ 5.825 GHz: 382.825 mW
Antenna Type	Refer to Note
Antenna Connector	Refer to Note
Accessory Device	NA
Data Cable Supplied	NA

Note:

1. The EUT has below HW SKU configuration, as below table:

SKU No.	Interface	Description
1	PCIe + USB	Single antenna port
2	PCIe + USB	Dual antenna port
3	PCIe + UART	Dual antenna port

Note: From the above HW SKUs, **SKU No.: 3** was selected as representative model for the test and its data was recorded in this report.

2. Simultaneously transmission condition.

Condition	Technology		
1	WLAN 2.4GHz	WLAN 5GHz	Bluetooth
2	WLAN 2.4GHz	WLAN 5GHz	-
3	WLAN 5GHz	Bluetooth	-

Note: The emission of the simultaneous operation has been evaluated and no non-compliance was found.

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

Antenna Set	Chain NO.	Brand	Model	Antenna Gain (dBi)	Frequency range (GHz)	Antenna Type	Connector Type	Cable Length (mm)
1	Chain 0	LYNwave	ALA110-222050-300011	3.5	2.4~2.5	PIFA	i-pex(MHF)	300
				5	5.15~5.85			
	Chain 1	LYNwave	ALA110-222050-300011	3.5	2.4~2.5	PIFA	i-pex(MHF)	300
				5	5.15~5.85			
2	Chain 0	PSA	RFDPA171320EMLB301	3.14	2.4~2.5	Dipole	i-pex(MHF)	200
				5	5.15~5.85			
	Chain 1	PSA	RFDPA171320EMLB301	3.14	2.4~2.5	Dipole	i-pex(MHF)	200
				5	5.15~5.85			

Note:

- From the above transmission chains, the transmission on **Chain 0** for 1TX mode was selected as representative model for the test. Therefore only the test data of the mode was recorded in this report.
- The Bluetooth technology will fix transmission on Chain 1.
- Max. gain was selected for the final test, except for the radiated emissions test.

4. The EUT incorporates a MIMO function:

2.4GHz Band		
MODULATION MODE	TX & RX CONFIGURATION	
802.11b	2TX/1TX Diversity	2RX
802.11g	2TX/1TX Diversity	2RX
802.11n (HT20)	2TX/1TX Diversity	2RX
802.11n (HT40)	2TX/1TX Diversity	2RX
VHT20	2TX/1TX Diversity	2RX
VHT40	2TX/1TX Diversity	2RX
802.11ax (HE20)	2TX/1TX Diversity	2RX
802.11ax (HE40)	2TX/1TX Diversity	2RX
5GHz Band		
MODULATION MODE	TX & RX CONFIGURATION	
802.11a	2TX/1TX Diversity	2RX
802.11n (HT20)	2TX/1TX Diversity	2RX
802.11n (HT40)	2TX/1TX Diversity	2RX
802.11ac (VHT20)	2TX/1TX Diversity	2RX
802.11ac (VHT40)	2TX/1TX Diversity	2RX
802.11ac (VHT80)	2TX/1TX Diversity	2RX
802.11ax (HE20)	2TX/1TX Diversity	2RX
802.11ax (HE40)	2TX/1TX Diversity	2RX
802.11ax (HE80)	2TX/1TX Diversity	2RX

Note:

1. All of modulation mode support beamforming function except 802.11a/b/g modulation mode.
2. The EUT support Beamforming and CDD mode, therefore both mode were investigated and the worst case scenario was identified. The worst case data were presented in test report.
3. The modulation and bandwidth are similar for 802.11n mode for 20MHz (40MHz), VHT mode for 20MHz (40MHz, 80MHz) and 802.11ax mode for 20MHz (40MHz, 80MHz), therefore the manufacturer will control the power for 802.11n mode as same as the VHT mode and ax mode or more lower than it and investigated worst case to representative mode in test report. (Final test mode refer to section 3.2.1)
5. The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or User's Manual.
6. The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

3.2 Description of Test Modes

FOR 5180 ~ 5240MHz

4 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20):

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), 802.11ax (HE40):

Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz

1 channel is provided for 802.11ac (VHT80), 802.11ax (HE80):

Channel	Frequency
42	5210 MHz

FOR 5260 ~ 5320MHz

4 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20):

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), 802.11ax (HE40):

Channel	Frequency	Channel	Frequency
54	5270 MHz	62	5310 MHz

1 channel is provided for 802.11ac (VHT80), 802.11ax (HE80):

Channel	Frequency
58	5290 MHz

FOR 5500 ~ 5720MHz

12 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20):

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), 802.11ax (HE40):

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), 802.11ax (HE80):

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), 802.11ax (HE20):

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), 802.11ax (HE40):

Channel	Frequency	Channel	Frequency
151	5755 MHz	159	5795 MHz

1 channel is provided for 802.11ac (VHT80), 802.11ax (HE80):

Channel	Frequency
155	5775 MHz

3.2.1 Test Mode Applicability and Tested Channel Detail

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

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

RE<1G: Radiated Emission below 1GHz

PLC: Power Line Conducted Emission

APCM: Antenna Port Conducted Measurement

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

2. For 20MHz bandwidth, 40MHz bandwidth and 80MHz bandwidth of RU mode, the worst case was found in 20MHz bandwidth. Therefore only the test data of the mode was recorded in this report.

Radiated Emission Test (Above 1GHz):

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

2TX (CDD Mode)							
Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
802.11a	5180-5320	36 to 64	36, 40, 48, 52, 60, 64	OFDM	BPSK	6Mb/s	-
802.11ax (HE20)		36 to 64	36, 40, 48, 52, 60, 64	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		38 to 62	38, 46, 54, 62	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		42, 58	42, 58	OFDMA	BPSK	MCS0	-
802.11a	5500-5720	100 to 144	100, 116, 140, 144	OFDM	BPSK	6Mb/s	-
802.11ax (HE20)		100 to 144	100, 116, 140, 144	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		102 to 142	102, 110, 134, 142	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		106 to 138	106, 122, 138	OFDMA	BPSK	MCS0	-
802.11a	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6Mb/s	-
802.11ax (HE20)		149 to 165	149, 157, 165	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		151 to 159	151, 159	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		155	155	OFDMA	BPSK	MCS0	-
802.11ax (RU26)	5180-5240	36 to 48	36, 40, 48	OFDMA	BPSK	MCS0	26/0, 26/4, 26/8
	5260-5320	52 to 64	52, 60, 64	OFDMA	BPSK	MCS0	26/0, 26/4, 26/8
	5500-5720	100 to 144	100, 116, 140, 144	OFDMA	BPSK	MCS0	26/0, 26/4, 26/8, 26/8
	5745-5825	149 to 165	149, 157, 165	OFDMA	BPSK	MCS0	26/0, 26/4, 26/8
802.11ax (RU52)	5180-5240	36 to 48	36, 40, 48	OFDMA	BPSK	MCS0	52/37, 52/39, 52/40
	5260-5320	52 to 64	52, 60, 64	OFDMA	BPSK	MCS0	52/37, 52/39, 52/40
	5500-5720	100 to 144	100, 116, 140, 144	OFDMA	BPSK	MCS0	52/37, 52/39, 52/40, 52/40
	5745-5825	149 to 165	149, 157, 165	OFDMA	BPSK	MCS0	52/37, 52/39, 52/40
802.11ax (RU106)	5180-5240	36 to 48	36, 40, 48	OFDMA	BPSK	MCS0	106/53, 106/53, 106/54
	5260-5320	52 to 64	52, 60, 64	OFDMA	BPSK	MCS0	106/53, 106/54, 106/54
	5500-5720	100 to 144	100, 116, 140, 144	OFDMA	BPSK	MCS0	106/53, 106/53, 106/54, 106/54
	5745-5825	149 to 165	149, 157, 165	OFDMA	BPSK	MCS0	106/53, 106/54, 106/54

1TX							
Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
802.11a	5180-5320	36 to 64	36, 40, 48, 52, 60, 64	OFDM	BPSK	6Mb/s	-
802.11ax (HE20)		36 to 64	36, 40, 48, 52, 60, 64	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		38 to 62	38, 46, 54, 62	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		42, 58	42, 58	OFDMA	BPSK	MCS0	-
802.11a	5500-5720	100 to 144	100, 116, 140, 144	OFDM	BPSK	6Mb/s	-
802.11ax (HE20)		100 to 144	100, 116, 140, 144	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		102 to 142	102, 110, 134, 142	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		106 to 138	106, 122, 138	OFDMA	BPSK	MCS0	-
802.11a	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6Mb/s	-
802.11ax (HE20)		149 to 165	149, 157, 165	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		151 to 159	151, 159	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		155	155	OFDMA	BPSK	MCS0	-
802.11ax (RU26)	5180-5240	36 to 48	36, 40, 48	OFDMA	BPSK	MCS0	26/0, 26/4, 26/8
	5260-5320	52 to 64	52, 60, 64	OFDMA	BPSK	MCS0	26/0, 26/4, 26/8
	5500-5720	100 to 144	100, 116, 140, 144	OFDMA	BPSK	MCS0	26/0, 26/4, 26/8, 26/8
	5745-5825	149 to 165	149, 157, 165	OFDMA	BPSK	MCS0	26/0, 26/4, 26/8
802.11ax (RU52)	5180-5240	36 to 48	36, 40, 48	OFDMA	BPSK	MCS0	52/37, 52/39, 52/40
	5260-5320	52 to 64	52, 60, 64	OFDMA	BPSK	MCS0	52/37, 52/39, 52/40
	5500-5720	100 to 144	100, 116, 140, 144	OFDMA	BPSK	MCS0	52/37, 52/39, 52/40, 52/40
	5745-5825	149 to 165	149, 157, 165	OFDMA	BPSK	MCS0	52/37, 52/39, 52/40
802.11ax (RU106)	5180-5240	36 to 48	36, 40, 48	OFDMA	BPSK	MCS0	106/53, 106/53, 106/54
	5260-5320	52 to 64	52, 60, 64	OFDMA	BPSK	MCS0	106/53, 106/54, 106/54
	5500-5720	100 to 144	100, 116, 140, 144	OFDMA	BPSK	MCS0	106/53, 106/53, 106/54, 106/54
	5745-5825	149 to 165	149, 157, 165	OFDMA	BPSK	MCS0	106/53, 106/54, 106/54

Radiated Emission Test (Below 1GHz):

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

2TX (CDD Mode)						
Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11ax (RU106)	5180-5320, 5500-5720, 5745-5825	36 to 64, 100 to 144, 149 to 165	157	OFDMA	BPSK	MCS0

Power Line Conducted Emission Test:

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

2TX (CDD Mode)						
Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11ax (RU106)	5180-5320, 5500-5720, 5745-5825	36 to 64, 100 to 144, 149 to 165	157	OFDMA	BPSK	MCS0

Antenna Port Conducted Measurement:

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

2TX (CDD Mode)							
Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
802.11a	5180-5320	36 to 64	36, 40, 48, 52, 60, 64	OFDM	BPSK	6Mb/s	-
802.11ac (VHT20) (Output power only)		36 to 64	36, 40, 48, 52, 60, 64	OFDM	BPSK	MCS0	-
802.11ac (VHT40) (Output power only)		38 to 62	38, 46, 54, 62	OFDM	BPSK	MCS0	-
802.11ac (VHT80) (Output power only)		42, 58	42, 58	OFDM	BPSK	MCS0	-
802.11ax (HE20)		36 to 64	36, 40, 48, 52, 60, 64	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		38 to 62	38, 46, 54, 62	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		42, 58	42, 58	OFDMA	BPSK	MCS0	-
802.11a	5500-5720	100 to 144	100, 116, 140, 144	OFDM	BPSK	6Mb/s	-
802.11ac (VHT20) (Output power only)		100 to 144	100, 116, 140, 144	OFDM	BPSK	MCS0	-
802.11ac (VHT40) (Output power only)		102 to 142	102, 110, 134, 142	OFDM	BPSK	MCS0	-
802.11ac (VHT80) (Output power only)		106 to 138	106, 122, 138	OFDM	BPSK	MCS0	-
802.11ax (HE20)		100 to 144	100, 116, 140, 144	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		102 to 142	102, 110, 134, 142	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		106 to 138	106, 122, 138	OFDMA	BPSK	MCS0	-
802.11a	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6Mb/s	-
802.11ac (VHT20) (Output power only)		149 to 165	149, 157, 165	OFDM	BPSK	MCS0	-
802.11ac (VHT40) (Output power only)		151 to 159	151, 159	OFDM	BPSK	MCS0	-
802.11ac (VHT80) (Output power only)		155	155	OFDM	BPSK	MCS0	-
802.11ax (HE20)		149 to 165	149, 157, 165	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		151 to 159	151, 159	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		155	155	OFDMA	BPSK	MCS0	-

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
802.11ax (RU26)	5180-5240	36 to 48	36, 40, 48	OFDMA	BPSK	MCS0	26/0, 26/4, 26/8
	5260-5320	52 to 64	52, 60, 64	OFDMA	BPSK	MCS0	26/0, 26/4, 26/8
	5500-5720	100 to 144	100, 116, 140, 144	OFDMA	BPSK	MCS0	26/0, 26/4, 26/8, 26/8
	5745-5825	149 to 165	149, 157, 165	OFDMA	BPSK	MCS0	26/0, 26/4, 26/8
802.11ax (RU52)	5180-5240	36 to 48	36, 40, 48	OFDMA	BPSK	MCS0	52/37, 52/39, 52/40
	5260-5320	52 to 64	52, 60, 64	OFDMA	BPSK	MCS0	52/37, 52/39, 52/40
	5500-5720	100 to 144	100, 116, 140, 144	OFDMA	BPSK	MCS0	52/37, 52/39, 52/40, 52/40
	5745-5825	149 to 165	149, 157, 165	OFDMA	BPSK	MCS0	52/37, 52/39, 52/40
802.11ax (RU106)	5180-5240	36 to 48	36, 40, 48	OFDMA	BPSK	MCS0	106/53, 106/53, 106/54
	5260-5320	52 to 64	52, 60, 64	OFDMA	BPSK	MCS0	106/53, 106/54, 106/54
	5500-5720	100 to 144	100, 116, 140, 144	OFDMA	BPSK	MCS0	106/53, 106/53, 106/54, 106/54
	5745-5825	149 to 165	149, 157, 165	OFDMA	BPSK	MCS0	106/53, 106/54, 106/54
Beamforming Mode (output power only)							
Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
802.11ac (VHT20)	5180-5320	36 to 64	36, 40, 48, 52, 60, 64	OFDM	BPSK	MCS0	-
802.11ac (VHT40)		36 to 64	36, 40, 48, 52, 60, 64	OFDM	BPSK	MCS0	-
802.11ac (VHT80)		38 to 62	38, 46, 54, 62	OFDM	BPSK	MCS0	-
802.11ax (HE20)		42, 58	42, 58	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		36 to 64	36, 40, 48, 52, 60, 64	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		38 to 62	38, 46, 54, 62	OFDMA	BPSK	MCS0	-
802.11ac (VHT20)	5500-5720	100 to 144	100, 116, 140, 144	OFDM	BPSK	MCS0	-
802.11ac (VHT40)		102 to 142	102, 110, 134, 142	OFDM	BPSK	MCS0	-
802.11ac (VHT80)		106 to 138	106, 122, 138	OFDM	BPSK	MCS0	-
802.11ax (HE20)		100 to 144	100, 116, 140, 144	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		102 to 142	102, 110, 134, 142	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		106 to 138	106, 122, 138	OFDMA	BPSK	MCS0	-
802.11ac (VHT20)	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	MCS0	-
802.11ac (VHT40)		151 to 159	151, 159	OFDM	BPSK	MCS0	-
802.11ac (VHT80)		155	155	OFDM	BPSK	MCS0	-
802.11ax (HE20)		149 to 165	149, 157, 165	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		151 to 159	151, 159	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		155	155	OFDMA	BPSK	MCS0	-

1TX							
Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
802.11a	5180-5320	36 to 64	36, 40, 48, 52, 60, 64	OFDM	BPSK	6Mb/s	-
802.11ac (VHT20) (Output power only)		36 to 64	36, 40, 48, 52, 60, 64	OFDM	BPSK	MCS0	-
802.11ac (VHT40) (Output power only)		38 to 62	38, 46, 54, 62	OFDM	BPSK	MCS0	-
802.11ac (VHT80) (Output power only)		42, 58	42, 58	OFDM	BPSK	MCS0	-
802.11ax (HE20)		36 to 64	36, 40, 48, 52, 60, 64	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		38 to 62	38, 46, 54, 62	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		42, 58	42, 58	OFDMA	BPSK	MCS0	-
802.11a	5500-5720	100 to 144	100, 116, 140, 144	OFDM	BPSK	6Mb/s	-
802.11ac (VHT20) (Output power only)		100 to 144	100, 116, 140, 144	OFDM	BPSK	MCS0	-
802.11ac (VHT40) (Output power only)		102 to 142	102, 110, 134, 142	OFDM	BPSK	MCS0	-
802.11ac (VHT80) (Output power only)		106 to 138	106, 122, 138	OFDM	BPSK	MCS0	-
802.11ax (HE20)		100 to 144	100, 116, 140, 144	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		102 to 142	102, 110, 134, 142	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		106 to 138	106, 122, 138	OFDMA	BPSK	MCS0	-
802.11a	5745-5825	149 to 165	149, 157, 165	OFDM	BPSK	6Mb/s	-
802.11ac (VHT20) (Output power only)		149 to 165	149, 157, 165	OFDM	BPSK	MCS0	-
802.11ac (VHT40) (Output power only)		151 to 159	151, 159	OFDM	BPSK	MCS0	-
802.11ac (VHT80) (Output power only)		155	155	OFDM	BPSK	MCS0	-
802.11ax (HE20)		149 to 165	149, 157, 165	OFDMA	BPSK	MCS0	-
802.11ax (HE40)		151 to 159	151, 159	OFDMA	BPSK	MCS0	-
802.11ax (HE80)		155	155	OFDMA	BPSK	MCS0	-
802.11ax (RU26)	5180-5240	36 to 48	36, 40, 48	OFDMA	BPSK	MCS0	26/0, 26/4, 26/8
	5260-5320	52 to 64	52, 60, 64	OFDMA	BPSK	MCS0	26/0, 26/4, 26/8
	5500-5720	100 to 144	100, 116, 140, 144	OFDMA	BPSK	MCS0	26/0, 26/4, 26/8, 26/8
	5745-5825	149 to 165	149, 157, 165	OFDMA	BPSK	MCS0	26/0, 26/4, 26/8
802.11ax (RU52)	5180-5240	36 to 48	36, 40, 48	OFDMA	BPSK	MCS0	52/37, 52/39, 52/40
	5260-5320	52 to 64	52, 60, 64	OFDMA	BPSK	MCS0	52/37, 52/39, 52/40
	5500-5720	100 to 144	100, 116, 140, 144	OFDMA	BPSK	MCS0	52/37, 52/39, 52/40, 52/40
	5745-5825	149 to 165	149, 157, 165	OFDMA	BPSK	MCS0	52/37, 52/39, 52/40
802.11ax (RU106)	5180-5240	36 to 48	36, 40, 48	OFDMA	BPSK	MCS0	106/53, 106/53, 106/54
	5260-5320	52 to 64	52, 60, 64	OFDMA	BPSK	MCS0	106/53, 106/54, 106/54
	5500-5720	100 to 144	100, 116, 140, 144	OFDMA	BPSK	MCS0	106/53, 106/53, 106/54, 106/54
	5745-5825	149 to 165	149, 157, 165	OFDMA	BPSK	MCS0	106/53, 106/54, 106/54

Test Condition:

Applicable To	Environmental Conditions	Input Power (System)	Tested By
RE $\geq$ 1G	25deg. C, 75%RH	120Vac, 60Hz	Tom Yang
RE<1G	25deg. C, 75%RH	120Vac, 60Hz	Tom Yang
PLC	25deg. C, 75%RH	120Vac, 60Hz	Sampson Chen
APCM	25deg. C, 60%RH	120Vac, 60Hz	Kevin Ko

3.3 Duty Cycle of Test Signal

For Mode 1:

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

802.11a: Duty cycle = 1.358 ms / 2.303 ms = 0.59, Duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 2.29$ dB

802.11ax (HE20): Duty cycle = 0.976 ms / 1.652 ms = 0.591, Duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 2.29$ dB

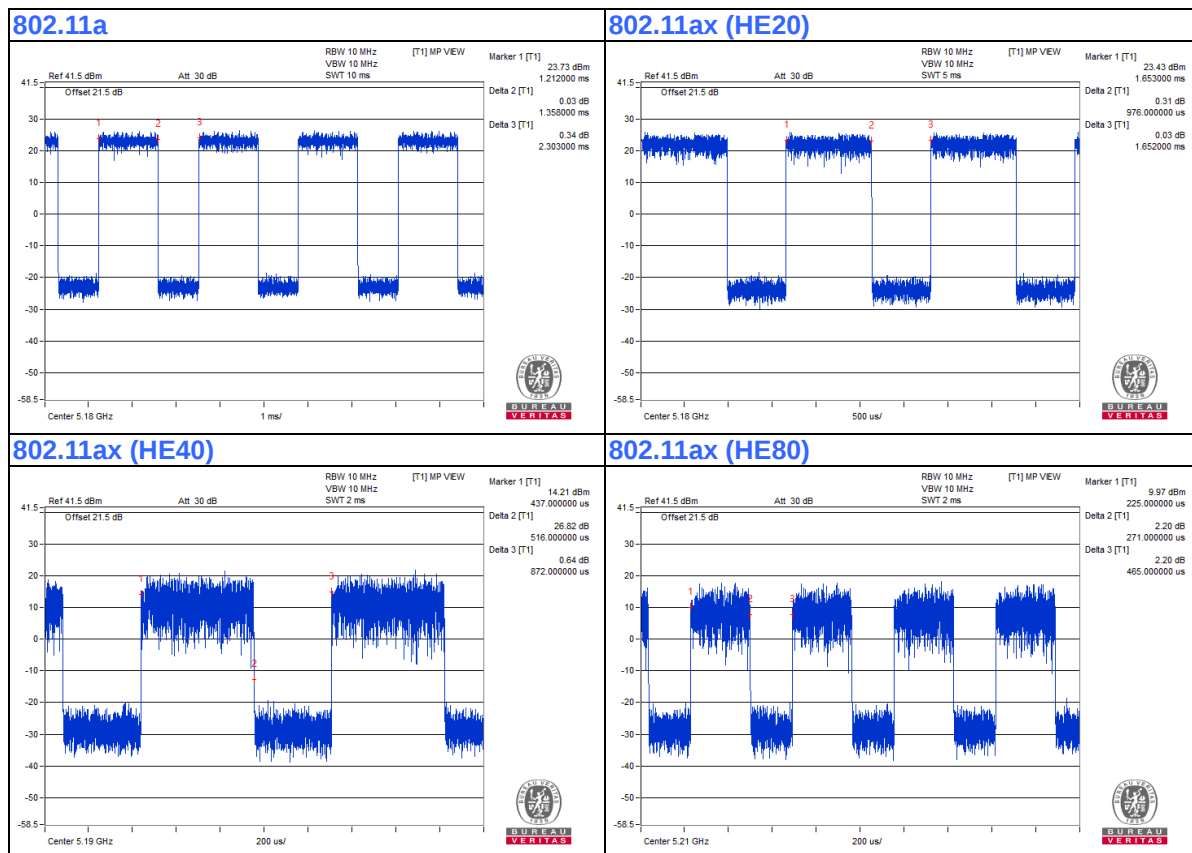
802.11ax (HE40): Duty cycle = 0.516 ms / 0.872 ms = 0.592, Duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 2.28$ dB

802.11ax (HE80): Duty cycle = 0.271 ms / 0.465 ms = 0.583, Duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 2.34$ dB

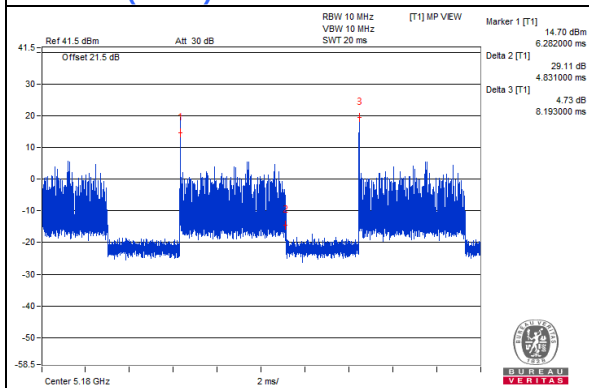
802.11ax (RU26): Duty cycle = 4.831 ms / 8.193 ms = 0.59, Duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 2.29$ dB

802.11ax (RU52): Duty cycle = 2.462 ms / 4.151 ms = 0.593, Duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 2.27$ dB

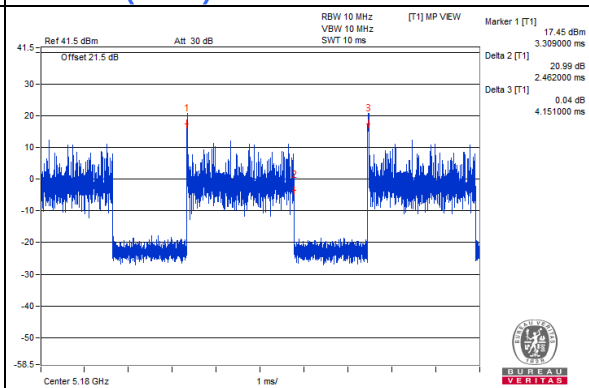
802.11ax (RU106): Duty cycle = 1.178 ms / 1.992 ms = 0.591, Duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 2.28$ dB



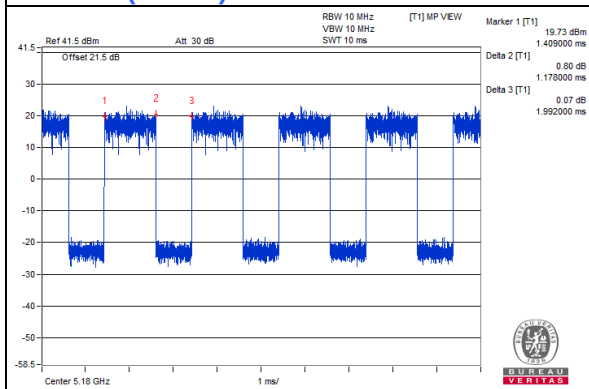
802.11ax (RU26)



802.11ax (RU52)



802.11ax (RU106)



For Mode 2:

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

802.11a: Duty cycle = 1.358 ms / 2.287 ms = 0.594, Duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 2.26$ dB

802.11ax (HE20): Duty cycle = 0.977 ms / 1.652 ms = 0.591, Duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 2.28$ dB

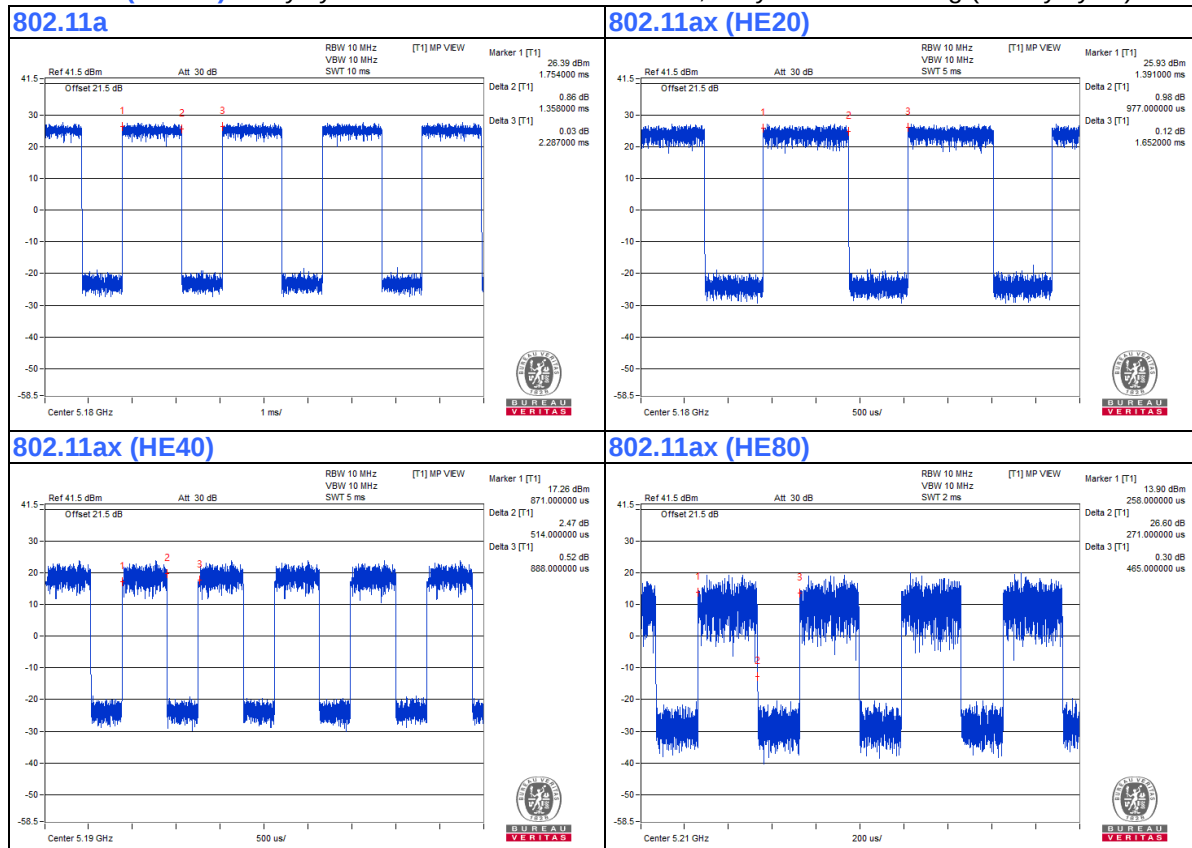
802.11ax (HE40): Duty cycle = 0.514 ms / 0.888 ms = 0.592, Duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 2.37$ dB

802.11ax (HE80): Duty cycle = 0.271 ms / 0.465 ms = 0.583, Duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 2.34$ dB

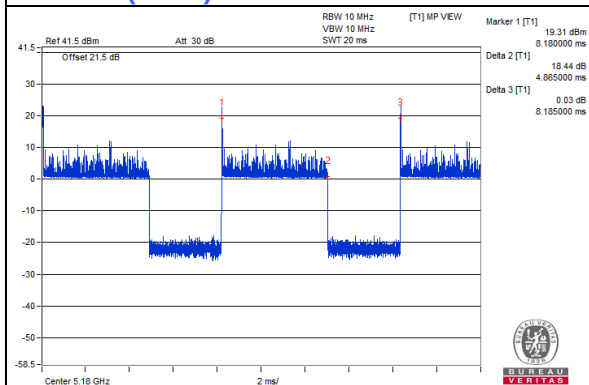
802.11ax (RU26): Duty cycle = 4.865 ms / 8.185 ms = 0.594, Duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 2.26$ dB

802.11ax (RU52): Duty cycle = 2.452 ms / 4.142 ms = 0.592, Duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 2.28$ dB

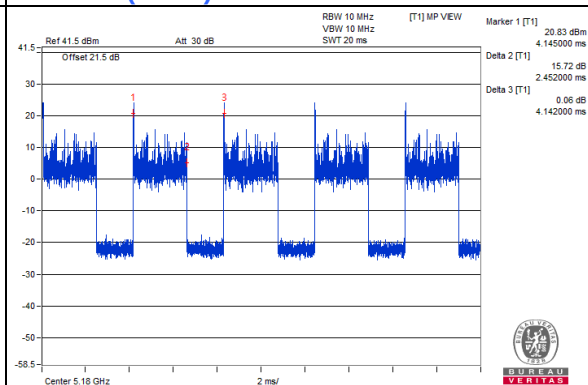
802.11ax (RU106): Duty cycle = 1.178 ms / 1.995 ms = 0.59, Duty factor = $10 \cdot \log(1/\text{Duty cycle}) = 2.29$ dB



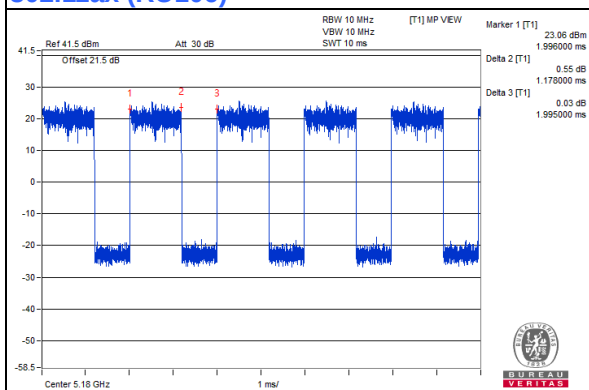
802.11ax (RU26)



802.11ax (RU52)



802.11ax (RU106)



3.4 Description of Support Units

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

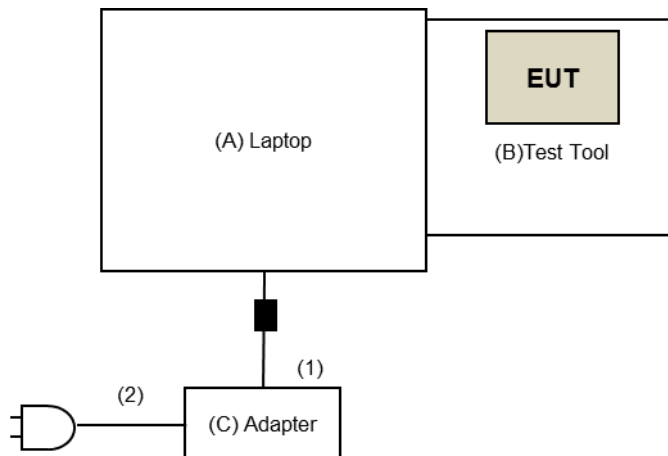
ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Laptop	DELL	Latitude 5490	4LFTNV2	NA	Provided by Lab
B.	Test Tool	Realtek	NA	NA	NA	Supplied by client
C.	Adapter	DELL	FA65NE0-00	NA	NA	Provided by Lab

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	DC Cable	1	1.6	No	1	Provided by Lab
2.	AC Cable	1	1	No	0	Provided by Lab

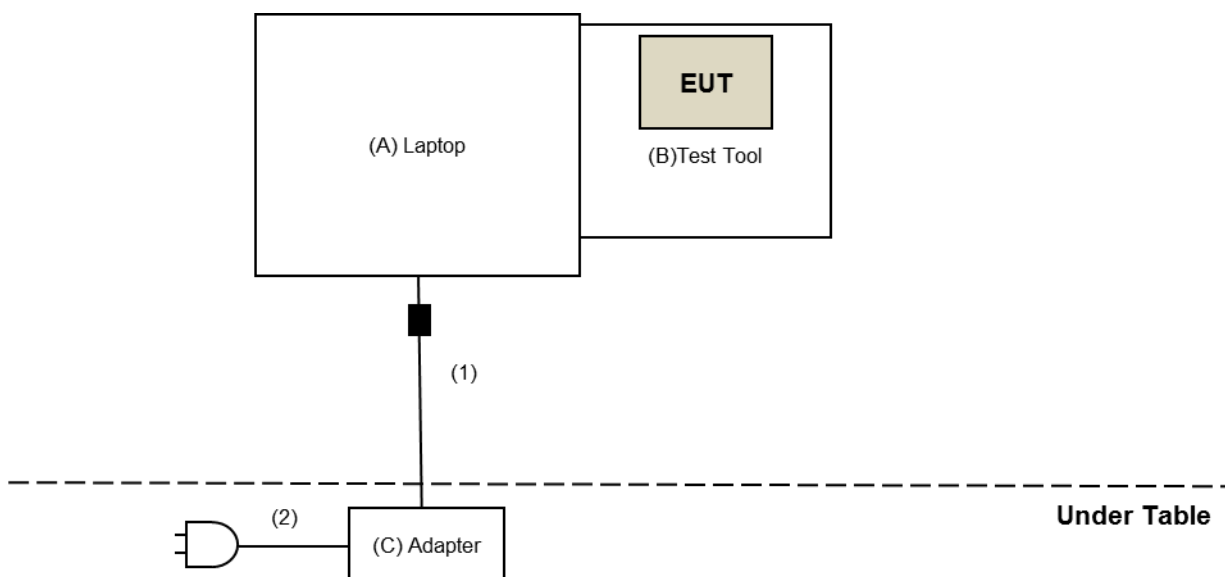
Note: The core(s) is(are) originally attached to the cable(s).

3.4.1 Configuration of System under Test

For AC Power Conducted Emissions test:



For Radiated Emissions test:



3.5 General Description of Applied Standard and References

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

Test Standard:

FCC Part 15, Subpart E (15.407)

ANSI C63.10-2013

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

References Test Guidance:

KDB 789033 D02 General UNII Test Procedure New Rules v02r01

KDB 662911 D01 Multiple Transmitter Output v02r01

All test items have been performed as a reference to the above KDB test guidance.

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}
^{*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:

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

4.1.2 Test Instruments

For Radiated Emission, OOB and Bandedge test:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver R&S	ESR7	102026	Apr. 22, 2020	Apr. 21, 2021
Spectrum Analyzer Keysight	N9030B	MY57141948	May 22, 2020	May 21, 2021
Pre-Amplifier EMCi	EMC001340	980142	May 25, 2020	May 24, 2021
Loop Antenna Electro-Metrics	EM-6879	264	Feb. 18, 2020	Feb. 17, 2021
RF Cable	NA	LOOPCAB-001	Jan. 08, 2020	Jan. 07, 2021
RF Cable	NA	LOOPCAB-002	Jan. 08, 2020	Jan. 07, 2021
Pre-Amplifier EMCi	EMC330N	980538	Apr. 28, 2020	Apr. 27, 2021
Trilog Broadband Antenna SCHWARZBECK	VULB9168	9168-0842	Nov. 08, 2019	Nov. 07, 2020
RF Cable	8D	966-5-1	Apr. 29, 2020	Apr. 28, 2021
RF Cable	8D	966-5-2	Apr. 29, 2020	Apr. 28, 2021
RF Cable	8D	966-5-3	Apr. 29, 2020	Apr. 28, 2021
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-ATT5-02	Jan. 14, 2020	Jan. 13, 2021
Horn_Antenna SCHWARZBECK	BBHA 9120D	9120D-1819	Nov. 24, 2019	Nov. 23, 2020
Pre-Amplifier EMCi	EMC12630SE	980509	Apr. 29, 2020	Apr. 28, 2021
RF Cable EMCi	EMC104-SM-SM-1500	180503	Apr. 29, 2020	Apr. 28, 2021
RF Cable EMCi	EMC104-SM-SM-2000	180501	Apr. 29, 2020	Apr. 28, 2021
RF Cable EMCi	EMC104-SM-SM-6000	180506	Apr. 29, 2020	Apr. 28, 2021
Pre-Amplifier EMCi	EMC184045SE	980387	Jan. 15, 2020	Jan. 14, 2021
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170519	Nov. 24, 2019	Nov. 23, 2020
RF Cable	EMC102-KM-KM-1200	160924	Jan. 15, 2020	Jan. 14, 2021
RF Cable	EMC-KM-KM-4000	200214	Mar. 11, 2020	Mar. 10, 2021
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	NA	NA

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in 966 Chamber No. 5.
3. Tested Date: June 25 to Aug. 17, 2020

For other test items:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSV40	100964	May 29, 2020	May 28, 2021
Power meter Anritsu	ML2495A	1529002	July 22, 2020	July 21, 2021
Power sensor Anritsu	MA2411B	1339443	July 22, 2020	July 21, 2021
Fixed Attenuator Mini-Circuits	MDCS18N-10	MDCS18N-10-01	Apr. 14, 2020	Apr. 13, 2021
DC Power Supply Topward	6603D	795558	NA	NA
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	Jan. 16, 2020	Jan. 15, 2021
True RMS Clamp Meter FLUKE	325	31130711WS	June 06, 2020	June 05, 2021
Software	ADT_RF Test Software V6.6.5.4	NA	NA	NA

- NOTE:**
1. The test was performed in Oven room 2.
 2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 3. Tested Date: Aug. 31 to Sep. 01, 2020

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:

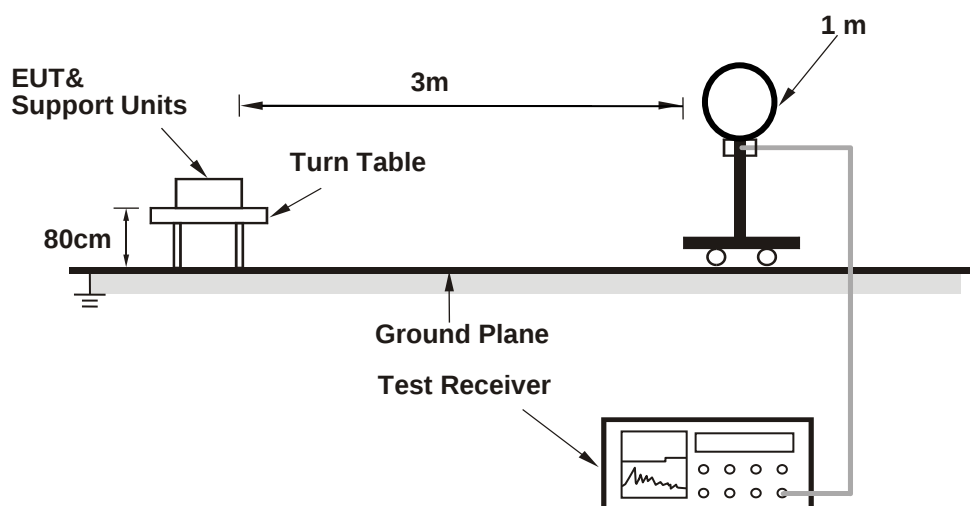
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.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

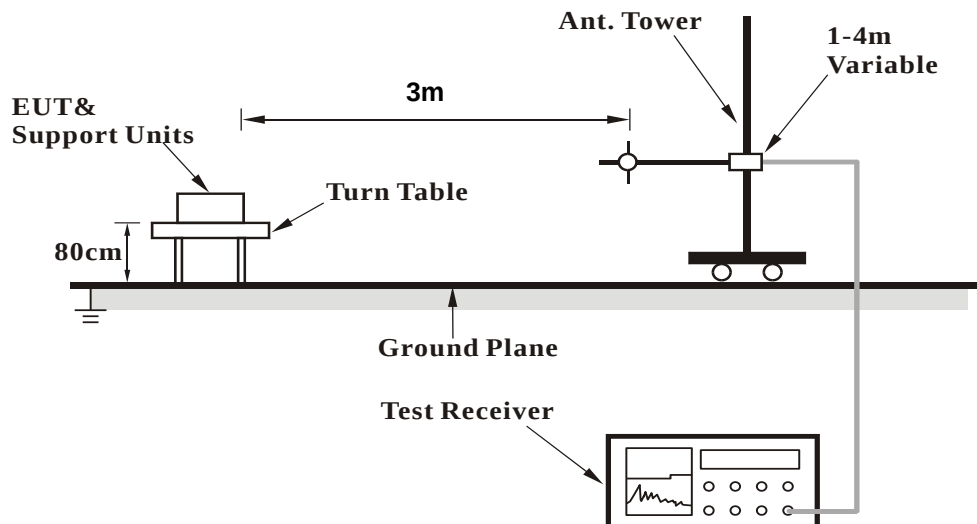
No deviation.

4.1.5 Test Setup

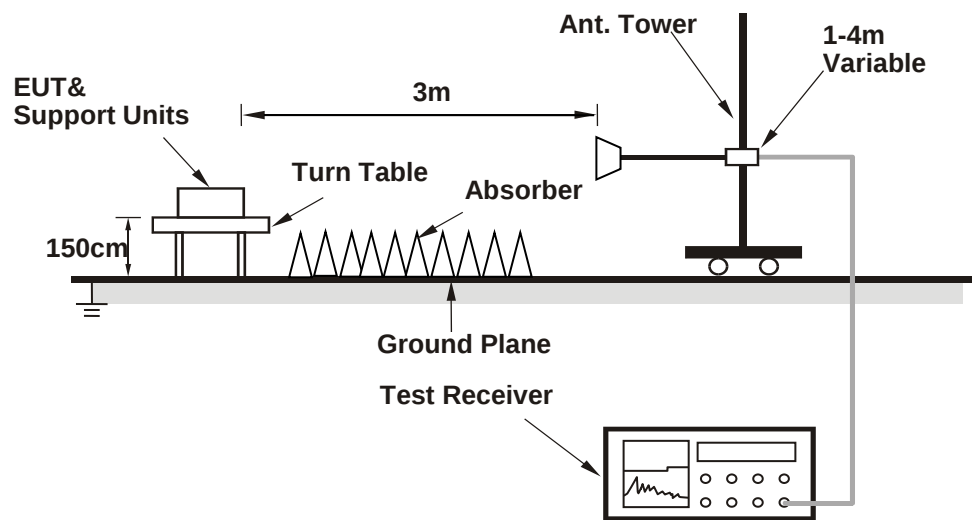
For Radiated emission below 30MHz



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 the testing table.
- Controlling software (RTL8852A MP Toolkit V1.0.21) has been activated to set the EUT under transmission condition continuously.

4.1.7 Test Results (Mode 1)

Dipole Antenna

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	Frequency (MHz)	Emission 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	1.06 H	106	57.6	1.7
2	5150.00	45.8 AV	54.0	-8.2	1.06 H	106	44.1	1.7
3	*5180.00	108.7 PK			1.06 H	106	107.2	1.5
4	*5180.00	99.4 AV			1.06 H	106	97.9	1.5
5	#10360.00	53.9 PK	68.2	-14.3	1.22 H	61	42.7	11.2
6	15540.00	54.1 PK	74.0	-19.9	1.57 H	23	42.4	11.7
7	15540.00	44.2 AV	54.0	-9.8	1.57 H	23	32.5	11.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	65.7 PK	74.0	-8.3	1.50 V	182	64.0	1.7
2	5150.00	52.4 AV	54.0	-1.6	1.50 V	182	50.7	1.7
3	*5180.00	116.6 PK			1.50 V	182	115.1	1.5
4	*5180.00	107.4 AV			1.50 V	182	105.9	1.5
5	#10360.00	51.8 PK	68.2	-16.4	2.11 V	86	40.6	11.2
6	15540.00	54.2 PK	74.0	-19.8	3.59 V	90	42.5	11.7
7	15540.00	43.0 AV	54.0	-11.0	3.59 V	90	31.3	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 40	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	53.1 PK	74.0	-20.9	1.10 H	93	51.4	1.7
2	5150.00	40.6 AV	54.0	-13.4	1.10 H	93	38.9	1.7
3	*5200.00	109.4 PK			1.10 H	93	108.0	1.4
4	*5200.00	100.6 AV			1.10 H	93	99.2	1.4
5	#10400.00	53.9 PK	68.2	-14.3	1.23 H	63	42.4	11.5
6	15600.00	53.2 PK	74.0	-20.8	1.57 H	33	41.7	11.5
7	15600.00	43.4 AV	54.0	-10.6	1.57 H	33	31.9	11.5

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.2 PK	74.0	-16.8	1.05 V	184	55.5	1.7
2	5150.00	44.8 AV	54.0	-9.2	1.05 V	184	43.1	1.7
3	*5200.00	117.8 PK			1.05 V	184	116.4	1.4
4	*5200.00	108.9 AV			1.05 V	184	107.5	1.4
5	#10400.00	51.8 PK	68.2	-16.4	2.06 V	76	40.3	11.5
6	15600.00	54.4 PK	74.0	-19.6	3.65 V	75	42.9	11.5
7	15600.00	43.1 AV	54.0	-10.9	3.65 V	75	31.6	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.
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	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	50.0 PK	74.0	-24.0	1.01 H	116	48.3	1.7
2	5150.00	40.3 AV	54.0	-13.7	1.01 H	116	38.6	1.7
3	*5240.00	108.9 PK			1.01 H	116	107.7	1.2
4	*5240.00	100.1 AV			1.01 H	116	98.9	1.2
5	5350.00	51.3 PK	74.0	-22.7	1.01 H	116	49.9	1.4
6	5350.00	39.2 AV	54.0	-14.8	1.01 H	116	37.8	1.4
7	#10480.00	53.8 PK	68.2	-14.4	1.24 H	62	42.3	11.5
8	15720.00	53.4 PK	74.0	-20.6	1.55 H	14	42.3	11.1
9	15720.00	43.2 AV	54.0	-10.8	1.55 H	14	32.1	11.1

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	51.7 PK	74.0	-22.3	1.50 V	3	50.0	1.7
2	5150.00	42.3 AV	54.0	-11.7	1.50 V	3	40.6	1.7
3	*5240.00	117.0 PK			1.50 V	3	115.8	1.2
4	*5240.00	108.1 AV			1.50 V	3	106.9	1.2
5	5350.00	52.6 PK	74.0	-21.4	1.50 V	3	51.2	1.4
6	5350.00	41.6 AV	54.0	-12.4	1.50 V	3	40.2	1.4
7	#10480.00	52.0 PK	68.2	-16.2	2.12 V	81	40.5	11.5
8	15720.00	54.1 PK	74.0	-19.9	3.61 V	77	43.0	11.1
9	15720.00	43.2 AV	54.0	-10.8	3.61 V	77	32.1	11.1

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 52	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	49.3 PK	74.0	-24.7	1.06 H	109	47.6	1.7
2	5150.00	39.9 AV	54.0	-14.1	1.06 H	109	38.2	1.7
3	*5260.00	109.4 PK			1.06 H	109	108.2	1.2
4	*5260.00	100.5 AV			1.06 H	109	99.3	1.2
5	5350.00	50.9 PK	74.0	-23.1	1.06 H	109	49.5	1.4
6	5350.00	38.7 AV	54.0	-15.3	1.06 H	109	37.3	1.4
7	#10520.00	54.4 PK	68.2	-13.8	1.29 H	33	43.0	11.4
8	15780.00	53.5 PK	74.0	-20.5	1.52 H	17	42.8	10.7
9	15780.00	43.4 AV	54.0	-10.6	1.52 H	17	32.7	10.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission 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	1.46 V	183	51.1	1.7
2	5150.00	42.6 AV	54.0	-11.4	1.46 V	183	40.9	1.7
3	*5260.00	116.8 PK			1.46 V	183	115.6	1.2
4	*5260.00	108.0 AV			1.46 V	183	106.8	1.2
5	5350.00	51.9 PK	74.0	-22.1	1.46 V	183	50.5	1.4
6	5350.00	41.9 AV	54.0	-12.1	1.46 V	183	40.5	1.4
7	#10520.00	51.6 PK	68.2	-16.6	2.14 V	71	40.2	11.4
8	15780.00	53.9 PK	74.0	-20.1	3.56 V	92	43.2	10.7
9	15780.00	42.9 AV	54.0	-11.1	3.56 V	92	32.2	10.7

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	Frequency (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	108.8 PK			1.00 H	118	107.6	1.2
2	*5300.00	100.0 AV			1.00 H	118	98.8	1.2
3	5350.00	49.5 PK	74.0	-24.5	1.00 H	118	48.1	1.4
4	5350.00	38.7 AV	54.0	-15.3	1.00 H	118	37.3	1.4
5	10600.00	54.3 PK	74.0	-19.7	1.23 H	40	42.5	11.8
6	10600.00	42.4 AV	54.0	-11.6	1.23 H	40	30.6	11.8
7	15900.00	53.3 PK	74.0	-20.7	1.58 H	6	42.6	10.7
8	15900.00	43.3 AV	54.0	-10.7	1.58 H	6	32.6	10.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	116.9 PK			1.51 V	191	115.7	1.2
2	*5300.00	108.2 AV			1.51 V	191	107.0	1.2
3	5350.00	59.2 PK	74.0	-14.8	1.51 V	191	57.8	1.4
4	5350.00	42.8 AV	54.0	-11.2	1.51 V	191	41.4	1.4
5	10600.00	51.7 PK	74.0	-22.3	2.08 V	96	39.9	11.8
6	10600.00	41.2 AV	54.0	-12.8	2.08 V	96	29.4	11.8
7	15900.00	54.3 PK	74.0	-19.7	3.56 V	92	43.6	10.7
8	15900.00	43.1 AV	54.0	-10.9	3.56 V	92	32.4	10.7

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.

Channel	TX Channel 64	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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			1.30 H	110	108.8	1.4
2	*5320.00	100.6 AV			1.30 H	110	99.2	1.4
3	5350.00	58.7 PK	74.0	-15.3	1.30 H	110	57.3	1.4
4	5350.00	45.9 AV	54.0	-8.1	1.30 H	110	44.5	1.4
5	10640.00	53.8 PK	74.0	-20.2	1.23 H	63	41.9	11.9
6	10640.00	42.2 AV	54.0	-11.8	1.23 H	63	30.3	11.9
7	15960.00	53.7 PK	74.0	-20.3	1.56 H	15	42.8	10.9
8	15960.00	43.4 AV	54.0	-10.6	1.56 H	15	32.5	10.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	115.2 PK			1.70 V	10	113.8	1.4
2	*5320.00	106.3 AV			1.70 V	10	104.9	1.4
3	5350.00	67.2 PK	74.0	-6.8	1.70 V	10	65.8	1.4
4	5350.00	52.5 AV	54.0	-1.5	1.70 V	10	51.1	1.4
5	10640.00	51.7 PK	74.0	-22.3	2.16 V	85	39.8	11.9
6	10640.00	41.1 AV	54.0	-12.9	2.16 V	85	29.2	11.9
7	15960.00	54.2 PK	74.0	-19.8	3.59 V	100	43.3	10.9
8	15960.00	42.7 AV	54.0	-11.3	3.59 V	100	31.8	10.9

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.

Channel	TX Channel 100	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	53.0 PK	74.0	-21.0	1.05 H	118	51.4	1.6
2	5460.00	39.7 AV	54.0	-14.3	1.05 H	118	38.1	1.6
3	#5468.80	60.3 PK	68.2	-7.9	1.05 H	118	58.7	1.6
4	*5500.00	108.3 PK			1.05 H	118	106.6	1.7
5	*5500.00	98.4 AV			1.05 H	118	96.7	1.7
6	11000.00	53.8 PK	74.0	-20.2	1.21 H	36	41.6	12.2
7	11000.00	42.1 AV	54.0	-11.9	1.21 H	36	29.9	12.2
8	#16500.00	54.1 PK	68.2	-14.1	1.54 H	15	40.7	13.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	1.62 V	8	56.6	1.6
2	5460.00	42.6 AV	54.0	-11.4	1.62 V	8	41.0	1.6
3	#5470.00	66.2 PK	68.2	-2.0	1.62 V	8	64.6	1.6
4	*5500.00	113.9 PK			1.62 V	8	112.2	1.7
5	*5500.00	104.5 AV			1.62 V	8	102.8	1.7
6	11000.00	51.8 PK	74.0	-22.2	2.08 V	90	39.6	12.2
7	11000.00	41.1 AV	54.0	-12.9	2.08 V	90	28.9	12.2
8	#16500.00	53.9 PK	68.2	-14.3	3.54 V	84	40.5	13.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	110.4 PK			1.11 H	94	108.7	1.7
2	*5580.00	100.7 AV			1.11 H	94	99.0	1.7
3	11160.00	53.6 PK	74.0	-20.4	1.24 H	59	42.0	11.6
4	11160.00	41.9 AV	54.0	-12.1	1.24 H	59	30.3	11.6
5	#16740.00	54.2 PK	68.2	-14.0	1.55 H	7	39.5	14.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	115.6 PK			1.44 V	169	113.9	1.7
2	*5580.00	106.4 AV			1.44 V	169	104.7	1.7
3	11160.00	52.2 PK	74.0	-21.8	2.06 V	88	40.6	11.6
4	11160.00	41.3 AV	54.0	-12.7	2.06 V	88	29.7	11.6
5	#16740.00	54.5 PK	68.2	-13.7	3.59 V	79	39.8	14.7

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 140	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	108.2 PK			1.06 H	101	106.4	1.8
2	*5700.00	98.2 AV			1.06 H	101	96.4	1.8
3	#5725.00	60.0 PK	68.2	-8.2	1.06 H	101	58.1	1.9
4	11400.00	54.1 PK	74.0	-19.9	1.21 H	47	41.3	12.8
5	11400.00	42.6 AV	54.0	-11.4	1.21 H	47	29.8	12.8
6	#17100.00	54.1 PK	68.2	-14.1	1.53 H	8	37.8	16.3

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	113.3 PK			1.30 V	20	111.5	1.8
2	*5700.00	104.2 AV			1.30 V	20	102.4	1.8
3	#5725.00	66.0 PK	68.2	-2.2	1.30 V	20	64.1	1.9
4	11400.00	52.2 PK	74.0	-21.8	2.14 V	99	39.4	12.8
5	11400.00	41.4 AV	54.0	-12.6	2.14 V	99	28.6	12.8
6	#17100.00	54.7 PK	68.2	-13.5	3.64 V	95	38.4	16.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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	Frequency (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	51.3 PK	74.0	-22.7	1.00 H	97	49.7	1.6
2	5460.00	39.4 AV	54.0	-14.6	1.00 H	97	37.8	1.6
3	#5470.00	52.8 PK	68.2	-15.4	1.00 H	97	51.2	1.6
4	*5720.00	110.3 PK			1.00 H	97	108.4	1.9
5	*5720.00	100.6 AV			1.00 H	97	98.7	1.9
6	#5850.00	54.3 PK	68.2	-13.9	1.00 H	97	52.0	2.3
7	11440.00	54.0 PK	74.0	-20.0	1.22 H	56	41.4	12.6
8	11440.00	42.1 AV	54.0	-11.9	1.22 H	56	29.5	12.6
9	#17160.00	53.5 PK	68.2	-14.7	1.50 H	23	37.6	15.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	51.7 PK	74.0	-22.3	1.47 V	176	50.1	1.6
2	5460.00	40.4 AV	54.0	-13.6	1.47 V	176	38.8	1.6
3	#5470.00	52.4 PK	68.2	-15.8	1.47 V	176	50.8	1.6
4	*5720.00	116.3 PK			1.47 V	176	114.4	1.9
5	*5720.00	106.3 AV			1.47 V	176	104.4	1.9
6	#5850.00	53.8 PK	68.2	-14.4	1.47 V	176	51.5	2.3
7	11440.00	52.3 PK	74.0	-21.7	2.14 V	76	39.7	12.6
8	11440.00	41.7 AV	54.0	-12.3	2.14 V	76	29.1	12.6
9	#17160.00	54.6 PK	68.2	-13.6	3.65 V	97	38.7	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 149	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	111.3 PK			1.27 H	116	109.4	1.9
2	*5745.00	102.5 AV			1.27 H	116	100.6	1.9
3	11490.00	53.9 PK	74.0	-20.1	1.28 H	50	41.4	12.5
4	11490.00	41.9 AV	54.0	-12.1	1.28 H	50	29.4	12.5
5	#17235.00	53.9 PK	68.2	-14.3	1.53 H	17	38.1	15.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	117.8 PK			1.65 V	352	115.9	1.9
2	*5745.00	108.2 AV			1.65 V	352	106.3	1.9
3	11490.00	51.4 PK	74.0	-22.6	2.13 V	92	38.9	12.5
4	11490.00	40.7 AV	54.0	-13.3	2.13 V	92	28.2	12.5
5	#17235.00	53.9 PK	68.2	-14.3	3.56 V	86	38.1	15.8

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 157	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	111.4 PK			1.23 H	113	109.4	2.0
2	*5785.00	102.7 AV			1.23 H	113	100.7	2.0
3	11570.00	53.3 PK	74.0	-20.7	1.20 H	59	40.4	12.9
4	11570.00	41.9 AV	54.0	-12.1	1.20 H	59	29.0	12.9
5	#17355.00	53.8 PK	68.2	-14.4	1.59 H	8	37.0	16.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	118.3 PK			1.70 V	350	116.3	2.0
2	*5785.00	109.0 AV			1.70 V	350	107.0	2.0
3	11570.00	52.5 PK	74.0	-21.5	2.14 V	77	39.6	12.9
4	11570.00	41.6 AV	54.0	-12.4	2.14 V	77	28.7	12.9
5	#17355.00	54.6 PK	68.2	-13.6	3.60 V	96	37.8	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 165	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	111.1 PK			1.30 H	121	108.9	2.2
2	*5825.00	102.3 AV			1.30 H	121	100.1	2.2
3	11650.00	54.4 PK	74.0	-19.6	1.23 H	39	41.5	12.9
4	11650.00	42.4 AV	54.0	-11.6	1.23 H	39	29.5	12.9
5	#17475.00	53.6 PK	68.2	-14.6	1.61 H	23	34.9	18.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	118.0 PK			1.72 V	345	115.8	2.2
2	*5825.00	108.7 AV			1.72 V	345	106.5	2.2
3	11650.00	51.3 PK	74.0	-22.7	2.10 V	94	38.4	12.9
4	11650.00	40.9 AV	54.0	-13.1	2.10 V	94	28.0	12.9
5	#17475.00	54.5 PK	68.2	-13.7	3.53 V	104	35.8	18.7

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.

802.11ax (HE20)

Channel	TX Channel 36	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	56.8 PK	74.0	-17.2	1.07 H	107	55.1	1.7
2	5150.00	45.6 AV	54.0	-8.4	1.07 H	107	43.9	1.7
3	*5180.00	108.8 PK			1.07 H	107	107.3	1.5
4	*5180.00	97.5 AV			1.07 H	107	96.0	1.5
5	#10360.00	53.9 PK	68.2	-14.3	1.26 H	34	42.7	11.2
6	15540.00	54.5 PK	74.0	-19.5	1.58 H	14	42.8	11.7
7	15540.00	41.7 AV	54.0	-12.3	1.58 H	14	30.0	11.7

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	68.1 PK	74.0	-5.9	1.59 V	4	66.4	1.7
2	5150.00	52.5 AV	54.0	-1.5	1.59 V	4	50.8	1.7
3	*5180.00	113.7 PK			1.59 V	4	112.2	1.5
4	*5180.00	104.0 AV			1.59 V	4	102.5	1.5
5	#10360.00	52.3 PK	68.2	-15.9	2.10 V	77	41.1	11.2
6	15540.00	53.5 PK	74.0	-20.5	3.57 V	100	41.8	11.7
7	15540.00	40.8 AV	54.0	-13.2	3.57 V	100	29.1	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 40	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	53.3 PK	74.0	-20.7	1.03 H	93	51.6	1.7
2	5150.00	40.2 AV	54.0	-13.8	1.03 H	93	38.5	1.7
3	*5200.00	111.9 PK			1.03 H	93	110.5	1.4
4	*5200.00	100.3 AV			1.03 H	93	98.9	1.4
5	#10400.00	54.4 PK	68.2	-13.8	1.32 H	51	42.9	11.5
6	15600.00	54.5 PK	74.0	-19.5	1.57 H	17	43.0	11.5
7	15600.00	41.6 AV	54.0	-12.4	1.57 H	17	30.1	11.5

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission 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	1.58 V	8	57.6	1.7
2	5150.00	46.3 AV	54.0	-7.7	1.58 V	8	44.6	1.7
3	*5200.00	115.3 PK			1.58 V	8	113.9	1.4
4	*5200.00	106.8 AV			1.58 V	8	105.4	1.4
5	#10400.00	52.1 PK	68.2	-16.1	2.13 V	87	40.6	11.5
6	15600.00	54.3 PK	74.0	-19.7	3.54 V	81	42.8	11.5
7	15600.00	41.6 AV	54.0	-12.4	3.54 V	81	30.1	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.
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	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	50.5 PK	74.0	-23.5	1.03 H	98	48.8	1.7
2	5150.00	40.6 AV	54.0	-13.4	1.03 H	98	38.9	1.7
3	*5240.00	111.3 PK			1.03 H	98	110.1	1.2
4	*5240.00	99.5 AV			1.03 H	98	98.3	1.2
5	5350.00	51.3 PK	74.0	-22.7	1.03 H	98	49.9	1.4
6	5350.00	39.5 AV	54.0	-14.5	1.03 H	98	38.1	1.4
7	#10480.00	53.9 PK	68.2	-14.3	1.24 H	37	42.4	11.5
8	15720.00	54.8 PK	74.0	-19.2	1.53 H	12	43.7	11.1
9	15720.00	41.8 AV	54.0	-12.2	1.53 H	12	30.7	11.1

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	50.9 PK	74.0	-23.1	1.63 V	6	49.2	1.7
2	5150.00	42.2 AV	54.0	-11.8	1.63 V	6	40.5	1.7
3	*5240.00	116.8 PK			1.63 V	6	115.6	1.2
4	*5240.00	105.8 AV			1.63 V	6	104.6	1.2
5	5350.00	53.2 PK	74.0	-20.8	1.63 V	6	51.8	1.4
6	5350.00	41.2 AV	54.0	-12.8	1.63 V	6	39.8	1.4
7	#10480.00	52.6 PK	68.2	-15.6	2.20 V	88	41.1	11.5
8	15720.00	54.4 PK	74.0	-19.6	3.57 V	70	43.3	11.1
9	15720.00	41.7 AV	54.0	-12.3	3.57 V	70	30.6	11.1

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 52	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	49.7 PK	74.0	-24.3	1.03 H	113	48.0	1.7
2	5150.00	40.2 AV	54.0	-13.8	1.03 H	113	38.5	1.7
3	*5260.00	111.4 PK			1.03 H	113	110.2	1.2
4	*5260.00	99.8 AV			1.03 H	113	98.6	1.2
5	5350.00	51.0 PK	74.0	-23.0	1.03 H	113	49.6	1.4
6	5350.00	38.9 AV	54.0	-15.1	1.03 H	113	37.5	1.4
7	#10520.00	54.0 PK	68.2	-14.2	1.33 H	42	42.6	11.4
8	15780.00	54.1 PK	74.0	-19.9	1.56 H	34	43.4	10.7
9	15780.00	41.2 AV	54.0	-12.8	1.56 H	34	30.5	10.7

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	52.2 PK	74.0	-21.8	1.56 V	8	50.5	1.7
2	5150.00	42.2 AV	54.0	-11.8	1.56 V	8	40.5	1.7
3	*5260.00	116.2 PK			1.56 V	8	115.0	1.2
4	*5260.00	105.7 AV			1.56 V	8	104.5	1.2
5	5350.00	52.2 PK	74.0	-21.8	1.56 V	8	50.8	1.4
6	5350.00	41.6 AV	54.0	-12.4	1.56 V	8	40.2	1.4
7	#10520.00	52.0 PK	68.2	-16.2	2.16 V	72	40.6	11.4
8	15780.00	54.2 PK	74.0	-19.8	3.57 V	93	43.5	10.7
9	15780.00	41.3 AV	54.0	-12.7	3.57 V	93	30.6	10.7

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	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	110.8 PK			1.04 H	114	109.6	1.2
2	*5300.00	99.2 AV			1.04 H	114	98.0	1.2
3	5350.00	49.0 PK	74.0	-25.0	1.04 H	114	47.6	1.4
4	5350.00	38.4 AV	54.0	-15.6	1.04 H	114	37.0	1.4
5	10600.00	54.1 PK	74.0	-19.9	1.24 H	21	42.3	11.8
6	10600.00	40.1 AV	54.0	-13.9	1.24 H	21	28.3	11.8
7	15900.00	54.5 PK	74.0	-19.5	1.55 H	17	43.8	10.7
8	15900.00	41.4 AV	54.0	-12.6	1.55 H	17	30.7	10.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	117.1 PK			1.56 V	12	115.9	1.2
2	*5300.00	106.0 AV			1.56 V	12	104.8	1.2
3	5350.00	62.8 PK	74.0	-11.2	1.56 V	12	61.4	1.4
4	5350.00	42.7 AV	54.0	-11.3	1.56 V	12	41.3	1.4
5	10600.00	52.7 PK	74.0	-21.3	2.12 V	75	40.9	11.8
6	10600.00	39.1 AV	54.0	-14.9	2.12 V	75	27.3	11.8
7	15900.00	53.7 PK	74.0	-20.3	3.50 V	94	43.0	10.7
8	15900.00	41.1 AV	54.0	-12.9	3.50 V	94	30.4	10.7

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.

Channel	TX Channel 64	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	110.4 PK			1.07 H	113	109.0	1.4
2	*5320.00	98.6 AV			1.07 H	113	97.2	1.4
3	5350.00	55.9 PK	74.0	-18.1	1.07 H	113	54.5	1.4
4	5350.00	45.7 AV	54.0	-8.3	1.07 H	113	44.3	1.4
5	10640.00	53.7 PK	74.0	-20.3	1.32 H	42	41.8	11.9
6	10640.00	39.6 AV	54.0	-14.4	1.32 H	42	27.7	11.9
7	15960.00	54.5 PK	74.0	-19.5	1.56 H	38	43.6	10.9
8	15960.00	41.5 AV	54.0	-12.5	1.56 H	38	30.6	10.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	115.5 PK			1.59 V	11	114.1	1.4
2	*5320.00	104.8 AV			1.59 V	11	103.4	1.4
3	5350.00	64.0 PK	74.0	-10.0	1.59 V	11	62.6	1.4
4	5350.00	52.5 AV	54.0	-1.5	1.59 V	11	51.1	1.4
5	10640.00	52.3 PK	74.0	-21.7	2.10 V	81	40.4	11.9
6	10640.00	39.0 AV	54.0	-15.0	2.10 V	81	27.1	11.9
7	15960.00	53.9 PK	74.0	-20.1	3.49 V	93	43.0	10.9
8	15960.00	41.6 AV	54.0	-12.4	3.49 V	93	30.7	10.9

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.

Channel	TX Channel 100	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	51.9 PK	74.0	-22.1	1.10 H	115	50.3	1.6
2	5460.00	41.0 AV	54.0	-13.0	1.10 H	115	39.4	1.6
3	#5466.01	57.6 PK	68.2	-10.6	1.10 H	115	56.0	1.6
4	*5500.00	108.2 PK			1.10 H	115	106.5	1.7
5	*5500.00	96.6 AV			1.10 H	115	94.9	1.7
6	11000.00	53.3 PK	74.0	-20.7	1.33 H	23	41.1	12.2
7	11000.00	39.6 AV	54.0	-14.4	1.33 H	23	27.4	12.2
8	#16500.00	54.0 PK	68.2	-14.2	1.62 H	20	40.6	13.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.0 PK	74.0	-13.0	1.63 V	8	59.4	1.6
2	5460.00	43.6 AV	54.0	-10.4	1.63 V	8	42.0	1.6
3	#5470.00	66.0 PK	68.2	-2.2	1.63 V	8	64.4	1.6
4	*5500.00	112.9 PK			1.63 V	8	111.2	1.7
5	*5500.00	103.9 AV			1.63 V	8	102.2	1.7
6	11000.00	52.1 PK	74.0	-21.9	2.09 V	88	39.9	12.2
7	11000.00	38.5 AV	54.0	-15.5	2.09 V	88	26.3	12.2
8	#16500.00	54.4 PK	68.2	-13.8	3.61 V	94	41.0	13.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	110.6 PK			1.03 H	92	108.9	1.7
2	*5580.00	98.9 AV			1.03 H	92	97.2	1.7
3	11160.00	53.5 PK	74.0	-20.5	1.30 H	42	41.9	11.6
4	11160.00	39.9 AV	54.0	-14.1	1.30 H	42	28.3	11.6
5	#16740.00	54.1 PK	68.2	-14.1	1.65 H	11	39.4	14.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	106.7 PK			1.58 V	11	105.0	1.7
2	*5580.00	106.2 AV			1.58 V	11	104.5	1.7
3	11160.00	52.4 PK	74.0	-21.6	2.13 V	91	40.8	11.6
4	11160.00	38.8 AV	54.0	-15.2	2.13 V	91	27.2	11.6
5	#16740.00	53.6 PK	68.2	-14.6	3.52 V	89	38.9	14.7

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 140	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	108.3 PK			1.08 H	123	106.5	1.8
2	*5700.00	96.3 AV			1.08 H	123	94.5	1.8
3	#5725.00	61.3 PK	68.2	-6.9	1.08 H	123	59.4	1.9
4	11400.00	53.8 PK	74.0	-20.2	1.32 H	31	41.0	12.8
5	11400.00	39.8 AV	54.0	-14.2	1.32 H	31	27.0	12.8
6	#17100.00	54.0 PK	68.2	-14.2	1.59 H	19	37.7	16.3

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	113.6 PK			2.28 V	345	111.8	1.8
2	*5700.00	101.4 AV			2.28 V	345	99.6	1.8
3	#5725.00	66.7 PK	68.2	-1.5	2.28 V	345	64.8	1.9
4	11400.00	51.6 PK	74.0	-22.4	2.15 V	95	38.8	12.8
5	11400.00	38.5 AV	54.0	-15.5	2.15 V	95	25.7	12.8
6	#17100.00	53.5 PK	68.2	-14.7	3.56 V	100	37.2	16.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	52.8 PK	74.0	-21.2	1.01 H	99	51.2	1.6
2	5460.00	40.1 AV	54.0	-13.9	1.01 H	99	38.5	1.6
3	#5470.00	52.5 PK	68.2	-15.7	1.01 H	99	50.9	1.6
4	*5720.00	110.8 PK			1.01 H	99	108.9	1.9
5	*5720.00	99.0 AV			1.01 H	99	97.1	1.9
6	#5850.00	52.2 PK	68.2	-16.0	1.01 H	99	49.9	2.3
7	11440.00	53.6 PK	74.0	-20.4	1.25 H	40	41.0	12.6
8	11440.00	39.6 AV	54.0	-14.4	1.25 H	40	27.0	12.6
9	#17160.00	54.1 PK	68.2	-14.1	1.64 H	36	38.2	15.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	52.5 PK	74.0	-21.5	2.26 V	350	50.9	1.6
2	5460.00	41.1 AV	54.0	-12.9	2.26 V	350	39.5	1.6
3	#5470.00	53.0 PK	68.2	-15.2	2.26 V	350	51.4	1.6
4	*5720.00	116.6 PK			2.26 V	350	114.7	1.9
5	*5720.00	106.3 AV			2.26 V	350	104.4	1.9
6	#5850.00	53.0 PK	68.2	-15.2	2.26 V	350	50.7	2.3
7	11440.00	52.2 PK	74.0	-21.8	2.21 V	66	39.6	12.6
8	11440.00	38.6 AV	54.0	-15.4	2.21 V	66	26.0	12.6
9	#17160.00	53.8 PK	68.2	-14.4	3.51 V	70	37.9	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 149	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	109.8 PK			1.26 H	119	107.9	1.9
2	*5745.00	100.7 AV			1.26 H	119	98.8	1.9
3	11490.00	54.1 PK	74.0	-19.9	1.31 H	32	41.6	12.5
4	11490.00	40.3 AV	54.0	-13.7	1.31 H	32	27.8	12.5
5	#17235.00	54.3 PK	68.2	-13.9	1.54 H	26	38.5	15.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	117.3 PK			1.90 V	350	115.4	1.9
2	*5745.00	107.3 AV			1.90 V	350	105.4	1.9
3	11490.00	51.9 PK	74.0	-22.1	2.21 V	88	39.4	12.5
4	11490.00	38.5 AV	54.0	-15.5	2.21 V	88	26.0	12.5
5	#17235.00	54.2 PK	68.2	-14.0	3.56 V	98	38.4	15.8

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 157	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	110.9 PK			1.24 H	118	108.9	2.0
2	*5785.00	101.1 AV			1.24 H	118	99.1	2.0
3	11570.00	54.2 PK	74.0	-19.8	1.23 H	52	41.3	12.9
4	11570.00	40.2 AV	54.0	-13.8	1.23 H	52	27.3	12.9
5	#17355.00	54.1 PK	68.2	-14.1	1.61 H	24	37.3	16.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	116.7 PK			1.85 V	345	114.7	2.0
2	*5785.00	107.7 AV			1.85 V	345	105.7	2.0
3	11570.00	52.1 PK	74.0	-21.9	2.10 V	71	39.2	12.9
4	11570.00	38.5 AV	54.0	-15.5	2.10 V	71	25.6	12.9
5	#17355.00	53.8 PK	68.2	-14.4	3.53 V	93	37.0	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 165	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	110.3 PK			1.28 H	121	108.1	2.2
2	*5825.00	100.9 AV			1.28 H	121	98.7	2.2
3	11650.00	54.4 PK	74.0	-19.6	1.26 H	48	41.5	12.9
4	11650.00	40.3 AV	54.0	-13.7	1.26 H	48	27.4	12.9
5	#17475.00	54.7 PK	68.2	-13.5	1.59 H	26	36.0	18.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	116.5 PK			1.87 V	352	114.3	2.2
2	*5825.00	107.4 AV			1.87 V	352	105.2	2.2
3	11650.00	51.9 PK	74.0	-22.1	2.17 V	68	39.0	12.9
4	11650.00	38.6 AV	54.0	-15.4	2.17 V	68	25.7	12.9
5	#17475.00	53.9 PK	68.2	-14.3	3.56 V	92	35.2	18.7

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.

802.11ax (HE40)

Channel	TX Channel 38	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.7 PK	74.0	-16.3	1.00 H	143	56.0	1.7
2	5150.00	45.9 AV	54.0	-8.1	1.00 H	143	44.2	1.7
3	*5190.00	100.1 PK			1.00 H	143	98.6	1.5
4	*5190.00	90.8 AV			1.00 H	143	89.3	1.5
5	#10380.00	54.1 PK	68.2	-14.1	1.24 H	40	42.8	11.3
6	15570.00	53.6 PK	74.0	-20.4	1.64 H	10	42.0	11.6
7	15570.00	40.9 AV	54.0	-13.1	1.64 H	10	29.3	11.6

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	64.4 PK	74.0	-9.6	1.50 V	336	62.7	1.7
2	5150.00	52.0 AV	54.0	-2.0	1.50 V	336	50.3	1.7
3	*5190.00	107.8 PK			1.50 V	336	106.3	1.5
4	*5190.00	98.3 AV			1.50 V	336	96.8	1.5
5	#10380.00	52.5 PK	68.2	-15.7	2.19 V	86	41.2	11.3
6	15570.00	53.9 PK	74.0	-20.1	3.49 V	87	42.3	11.6
7	15570.00	41.0 AV	54.0	-13.0	3.49 V	87	29.4	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 46	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission 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	1.07 H	148	48.4	1.7
2	5150.00	40.6 AV	54.0	-13.4	1.07 H	148	38.9	1.7
3	*5230.00	103.3 PK			1.07 H	148	102.0	1.3
4	*5230.00	93.0 AV			1.07 H	148	91.7	1.3
5	5350.00	50.2 PK	74.0	-23.8	1.07 H	148	48.8	1.4
6	5350.00	39.2 AV	54.0	-14.8	1.07 H	148	37.8	1.4
7	#10460.00	54.0 PK	68.2	-14.2	1.34 H	32	42.7	11.3
8	15690.00	54.8 PK	74.0	-19.2	1.56 H	41	43.6	11.2
9	15690.00	41.7 AV	54.0	-12.3	1.56 H	41	30.5	11.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	52.0 PK	74.0	-22.0	1.68 V	360	50.3	1.7
2	5150.00	42.7 AV	54.0	-11.3	1.68 V	360	41.0	1.7
3	*5230.00	110.8 PK			1.68 V	360	109.5	1.3
4	*5230.00	100.6 AV			1.68 V	360	99.3	1.3
5	5350.00	51.2 PK	74.0	-22.8	1.68 V	360	49.8	1.4
6	5350.00	40.1 AV	54.0	-13.9	1.68 V	360	38.7	1.4
7	#10460.00	51.5 PK	68.2	-16.7	2.17 V	84	40.2	11.3
8	15690.00	53.8 PK	74.0	-20.2	3.54 V	77	42.6	11.2
9	15690.00	41.2 AV	54.0	-12.8	3.54 V	77	30.0	11.2

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 54	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	103.6 PK			1.04 H	143	102.4	1.2
2	*5270.00	93.0 AV			1.04 H	143	91.8	1.2
3	5350.00	52.6 PK	74.0	-21.4	1.04 H	143	51.2	1.4
4	5350.00	39.4 AV	54.0	-14.6	1.04 H	143	38.0	1.4
5	#10540.00	54.3 PK	68.2	-13.9	1.30 H	47	42.8	11.5
6	15810.00	54.1 PK	74.0	-19.9	1.62 H	18	43.5	10.6
7	15810.00	41.3 AV	54.0	-12.7	1.62 H	18	30.7	10.6

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	110.6 PK			1.70 V	340	109.4	1.2
2	*5270.00	101.2 AV			1.70 V	340	100.0	1.2
3	5350.00	54.1 PK	74.0	-19.9	1.70 V	340	52.7	1.4
4	5350.00	41.4 AV	54.0	-12.6	1.70 V	340	40.0	1.4
5	#10540.00	52.0 PK	68.2	-16.2	2.18 V	82	40.5	11.5
6	15810.00	53.6 PK	74.0	-20.4	3.58 V	82	43.0	10.6
7	15810.00	41.2 AV	54.0	-12.8	3.58 V	82	30.6	10.6

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 62	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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			1.05 H	145	99.3	1.3
2	*5310.00	92.0 AV			1.05 H	145	90.7	1.3
3	5350.00	55.7 PK	74.0	-18.3	1.05 H	145	54.3	1.4
4	5350.00	45.3 AV	54.0	-8.7	1.05 H	145	43.9	1.4
5	10620.00	53.5 PK	74.0	-20.5	1.32 H	40	41.7	11.8
6	10620.00	39.7 AV	54.0	-14.3	1.32 H	40	27.9	11.8
7	15930.00	54.2 PK	74.0	-19.8	1.65 H	39	43.4	10.8
8	15930.00	41.2 AV	54.0	-12.8	1.65 H	39	30.4	10.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	109.0 PK			1.49 V	356	107.7	1.3
2	*5310.00	97.2 AV			1.49 V	356	95.9	1.3
3	5350.00	62.7 PK	74.0	-11.3	1.49 V	356	61.3	1.4
4	5350.00	52.3 AV	54.0	-1.7	1.49 V	356	50.9	1.4
5	10620.00	51.5 PK	74.0	-22.5	2.20 V	91	39.7	11.8
6	10620.00	38.3 AV	54.0	-15.7	2.20 V	91	26.5	11.8
7	15930.00	53.8 PK	74.0	-20.2	3.57 V	92	43.0	10.8
8	15930.00	41.4 AV	54.0	-12.6	3.57 V	92	30.6	10.8

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.

Channel	TX Channel 102	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	54.8 PK	74.0	-19.2	1.10 H	110	53.2	1.6
2	5460.00	41.3 AV	54.0	-12.7	1.10 H	110	39.7	1.6
3	#5470.00	57.9 PK	68.2	-10.3	1.10 H	110	56.3	1.6
4	*5510.00	100.2 PK			1.10 H	110	98.5	1.7
5	*5510.00	89.7 AV			1.10 H	110	88.0	1.7
6	11020.00	54.3 PK	74.0	-19.7	1.27 H	26	42.2	12.1
7	11020.00	40.5 AV	54.0	-13.5	1.27 H	26	28.4	12.1
8	#16530.00	54.4 PK	68.2	-13.8	1.57 H	15	40.8	13.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	60.0 PK	74.0	-14.0	1.45 V	345	58.4	1.6
2	5460.00	45.6 AV	54.0	-8.4	1.45 V	345	44.0	1.6
3	#5469.05	66.0 PK	68.2	-2.2	1.45 V	345	64.4	1.6
4	*5510.00	106.3 PK			1.45 V	345	104.6	1.7
5	*5510.00	97.0 AV			1.45 V	345	95.3	1.7
6	11020.00	52.0 PK	74.0	-22.0	2.18 V	87	39.9	12.1
7	11020.00	38.8 AV	54.0	-15.2	2.18 V	87	26.7	12.1
8	#16530.00	54.5 PK	68.2	-13.7	3.50 V	70	40.9	13.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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	Frequency (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	103.2 PK			1.07 H	144	101.5	1.7
2	*5550.00	92.9 AV			1.07 H	144	91.2	1.7
3	11100.00	54.2 PK	74.0	-19.8	1.32 H	22	42.6	11.6
4	11100.00	40.2 AV	54.0	-13.8	1.32 H	22	28.6	11.6
5	#16650.00	54.3 PK	68.2	-13.9	1.62 H	15	39.8	14.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5550.00	110.8 PK			1.52 V	350	109.1	1.7
2	*5550.00	101.4 AV			1.52 V	350	99.7	1.7
3	11100.00	52.8 PK	74.0	-21.2	2.14 V	87	41.2	11.6
4	11100.00	39.2 AV	54.0	-14.8	2.14 V	87	27.6	11.6
5	#16650.00	53.7 PK	68.2	-14.5	3.58 V	83	39.2	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 134	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	102.5 PK			1.11 H	153	100.7	1.8
2	*5670.00	91.8 AV			1.11 H	153	90.0	1.8
3	#5725.00	61.3 PK	68.2	-6.9	1.11 H	153	59.4	1.9
4	11340.00	53.8 PK	74.0	-20.2	1.29 H	20	41.3	12.5
5	11340.00	40.2 AV	54.0	-13.8	1.29 H	20	27.7	12.5
6	#17010.00	54.1 PK	68.2	-14.1	1.54 H	22	37.9	16.2

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	110.6 PK			1.48 V	15	108.8	1.8
2	*5670.00	100.3 AV			1.48 V	15	98.5	1.8
3	#5725.00	66.5 PK	68.2	-1.7	1.48 V	15	64.6	1.9
4	11340.00	53.0 PK	74.0	-21.0	2.09 V	81	40.5	12.5
5	11340.00	39.5 AV	54.0	-14.5	2.09 V	81	27.0	12.5
6	#17010.00	53.9 PK	68.2	-14.3	3.54 V	92	37.7	16.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	52.2 PK	74.0	-21.8	1.11 H	160	50.6	1.6
2	5460.00	40.1 AV	54.0	-13.9	1.11 H	160	38.5	1.6
3	#5470.00	53.4 PK	68.2	-14.8	1.11 H	160	51.8	1.6
4	*5710.00	103.2 PK			1.11 H	160	101.4	1.8
5	*5710.00	93.0 AV			1.11 H	160	91.2	1.8
6	#5850.00	52.4 PK	68.2	-15.8	1.11 H	160	50.1	2.3
7	11420.00	54.1 PK	74.0	-19.9	1.32 H	50	41.4	12.7
8	11420.00	40.1 AV	54.0	-13.9	1.32 H	50	27.4	12.7
9	#17130.00	53.7 PK	68.2	-14.5	1.56 H	39	37.6	16.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	51.6 PK	74.0	-22.4	1.55 V	351	50.0	1.6
2	5460.00	40.7 AV	54.0	-13.3	1.55 V	351	39.1	1.6
3	#5470.00	53.6 PK	68.2	-14.6	1.55 V	351	52.0	1.6
4	*5710.00	110.7 PK			1.55 V	351	108.9	1.8
5	*5710.00	101.3 AV			1.55 V	351	99.5	1.8
6	#5850.00	52.1 PK	68.2	-16.1	1.55 V	351	49.8	2.3
7	11420.00	52.1 PK	74.0	-21.9	2.19 V	94	39.4	12.7
8	11420.00	38.9 AV	54.0	-15.1	2.19 V	94	26.2	12.7
9	#17130.00	54.5 PK	68.2	-13.7	3.55 V	91	38.4	16.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5755.00	107.2 PK			1.02 H	123	105.3	1.9
2	*5755.00	97.5 AV			1.02 H	123	95.6	1.9
3	11510.00	53.5 PK	74.0	-20.5	1.31 H	49	41.0	12.5
4	11510.00	39.7 AV	54.0	-14.3	1.31 H	49	27.2	12.5
5	#17265.00	53.6 PK	68.2	-14.6	1.53 H	35	37.6	16.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5755.00	112.6 PK			1.46 V	13	110.7	1.9
2	*5755.00	102.9 AV			1.46 V	13	101.0	1.9
3	11510.00	51.9 PK	74.0	-22.1	2.11 V	71	39.4	12.5
4	11510.00	38.7 AV	54.0	-15.3	2.11 V	71	26.2	12.5
5	#17265.00	53.8 PK	68.2	-14.4	3.55 V	76	37.8	16.0

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 159	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5795.00	107.0 PK			1.03 H	126	104.9	2.1
2	*5795.00	97.4 AV			1.03 H	126	95.3	2.1
3	11590.00	54.2 PK	74.0	-19.8	1.24 H	48	41.4	12.8
4	11590.00	40.4 AV	54.0	-13.6	1.24 H	48	27.6	12.8
5	#17385.00	54.6 PK	68.2	-13.6	1.57 H	20	37.3	17.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5795.00	112.3 PK			1.43 V	15	110.2	2.1
2	*5795.00	102.7 AV			1.43 V	15	100.6	2.1
3	11590.00	52.5 PK	74.0	-21.5	2.15 V	68	39.7	12.8
4	11590.00	39.2 AV	54.0	-14.8	2.15 V	68	26.4	12.8
5	#17385.00	53.5 PK	68.2	-14.7	3.60 V	94	36.2	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.

802.11ax (HE80)

Channel	TX Channel 42	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	62.0 PK	74.0	-12.0	1.01 H	142	60.3	1.7
2	5150.00	46.5 AV	54.0	-7.5	1.01 H	142	44.8	1.7
3	*5210.00	97.8 PK			1.01 H	142	96.4	1.4
4	*5210.00	88.5 AV			1.01 H	142	87.1	1.4
5	5350.00	50.6 PK	74.0	-23.4	1.01 H	142	49.2	1.4
6	5350.00	40.0 AV	54.0	-14.0	1.01 H	142	38.6	1.4
7	#10420.00	54.4 PK	68.2	-13.8	1.28 H	33	43.0	11.4
8	15630.00	53.7 PK	74.0	-20.3	1.64 H	22	42.3	11.4
9	15630.00	41.1 AV	54.0	-12.9	1.64 H	22	29.7	11.4

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	68.0 PK	74.0	-6.0	1.37 V	336	66.3	1.7
2	5150.00	52.2 AV	54.0	-1.8	1.37 V	336	50.5	1.7
3	*5210.00	104.5 PK			1.37 V	336	103.1	1.4
4	*5210.00	95.3 AV			1.37 V	336	93.9	1.4
5	5350.00	51.1 PK	74.0	-22.9	1.37 V	336	49.7	1.4
6	5350.00	40.6 AV	54.0	-13.4	1.37 V	336	39.2	1.4
7	#10420.00	52.0 PK	68.2	-16.2	2.13 V	65	40.6	11.4
8	15630.00	54.0 PK	74.0	-20.0	3.50 V	96	42.6	11.4
9	15630.00	41.2 AV	54.0	-12.8	3.50 V	96	29.8	11.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	50.0 PK	74.0	-24.0	1.03 H	146	48.3	1.7
2	5150.00	40.9 AV	54.0	-13.1	1.03 H	146	39.2	1.7
3	*5290.00	97.6 PK			1.03 H	146	96.4	1.2
4	*5290.00	88.4 AV			1.03 H	146	87.2	1.2
5	5350.00	58.9 PK	74.0	-15.1	1.03 H	146	57.5	1.4
6	5350.00	47.7 AV	54.0	-6.3	1.03 H	146	46.3	1.4
7	#10580.00	53.8 PK	68.2	-14.4	1.23 H	38	42.1	11.7
8	15870.00	53.8 PK	74.0	-20.2	1.61 H	23	43.2	10.6
9	15870.00	41.1 AV	54.0	-12.9	1.61 H	23	30.5	10.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	52.0 PK	74.0	-22.0	1.40 V	338	50.3	1.7
2	5150.00	41.1 AV	54.0	-12.9	1.40 V	338	39.4	1.7
3	*5290.00	103.4 PK			1.40 V	338	102.2	1.2
4	*5290.00	94.7 AV			1.40 V	338	93.5	1.2
5	5350.00	65.1 PK	74.0	-8.9	1.40 V	338	63.7	1.4
6	5350.00	52.1 AV	54.0	-1.9	1.40 V	338	50.7	1.4
7	#10580.00	52.9 PK	68.2	-15.3	2.18 V	76	41.2	11.7
8	15870.00	54.1 PK	74.0	-19.9	3.51 V	70	43.5	10.6
9	15870.00	41.5 AV	54.0	-12.5	3.51 V	70	30.9	10.6

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	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	53.8 PK	74.0	-20.2	1.06 H	113	52.2	1.6
2	5460.00	41.9 AV	54.0	-12.1	1.06 H	113	40.3	1.6
3	#5468.50	55.2 PK	68.2	-13.0	1.06 H	113	53.6	1.6
4	*5530.00	95.7 PK			1.06 H	113	94.0	1.7
5	*5530.00	86.2 AV			1.06 H	113	84.5	1.7
6	#5725.00	51.2 PK	68.2	-17.0	1.06 H	113	49.3	1.9
7	11060.00	54.4 PK	74.0	-19.6	1.25 H	26	42.6	11.8
8	11060.00	40.5 AV	54.0	-13.5	1.25 H	26	28.7	11.8
9	#16590.00	54.2 PK	68.2	-14.0	1.59 H	19	40.0	14.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	64.7 PK	74.0	-9.3	1.47 V	18	63.1	1.6
2	5460.00	49.2 AV	54.0	-4.8	1.47 V	18	47.6	1.6
3	#5467.23	65.6 PK	68.2	-2.6	1.47 V	18	64.0	1.6
4	*5530.00	104.9 PK			1.47 V	18	103.2	1.7
5	*5530.00	95.2 AV			1.47 V	18	93.5	1.7
6	#5725.00	51.9 PK	68.2	-16.3	1.47 V	18	50.0	1.9
7	11060.00	52.7 PK	74.0	-21.3	2.19 V	67	40.9	11.8
8	11060.00	39.1 AV	54.0	-14.9	2.19 V	67	27.3	11.8
9	#16590.00	54.3 PK	68.2	-13.9	3.53 V	99	40.1	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 122	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5610.00	102.5 PK			1.08 H	115	100.9	1.6
2	*5610.00	93.9 AV			1.08 H	115	92.3	1.6
3	#5725.00	61.9 PK	68.2	-6.3	1.08 H	115	60.0	1.9
4	11220.00	53.6 PK	74.0	-20.4	1.33 H	48	41.9	11.7
5	11220.00	40.0 AV	54.0	-14.0	1.33 H	48	28.3	11.7
6	#16830.00	53.9 PK	68.2	-14.3	1.55 H	17	38.8	15.1

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5610.00	108.6 PK			1.49 V	20	107.0	1.6
2	*5610.00	99.8 AV			1.49 V	20	98.2	1.6
3	#5725.00	66.2 PK	68.2	-2.0	1.49 V	20	64.3	1.9
4	11220.00	51.9 PK	74.0	-22.1	2.15 V	94	40.2	11.7
5	11220.00	38.5 AV	54.0	-15.5	2.15 V	94	26.8	11.7
6	#16830.00	53.9 PK	68.2	-14.3	3.50 V	99	38.8	15.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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	Frequency (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	56.4 PK	74.0	-17.6	1.10 H	121	54.8	1.6
2	5460.00	42.3 AV	54.0	-11.7	1.10 H	121	40.7	1.6
3	#5470.00	59.4 PK	68.2	-8.8	1.10 H	121	57.8	1.6
4	*5690.00	102.9 PK			1.10 H	121	101.2	1.7
5	*5690.00	94.1 AV			1.10 H	121	92.4	1.7
6	#5850.00	59.9 PK	68.2	-8.3	1.10 H	121	57.6	2.3
7	11380.00	53.7 PK	74.0	-20.3	1.29 H	51	41.1	12.6
8	11380.00	39.9 AV	54.0	-14.1	1.29 H	51	27.3	12.6
9	#17070.00	54.0 PK	68.2	-14.2	1.61 H	31	37.8	16.2

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	1.48 V	6	54.7	1.6
2	5460.00	44.8 AV	54.0	-9.2	1.48 V	6	43.2	1.6
3	#5470.00	59.1 PK	68.2	-9.1	1.48 V	6	57.5	1.6
4	*5690.00	110.7 PK			1.48 V	6	109.0	1.7
5	*5690.00	100.0 AV			1.48 V	6	98.3	1.7
6	#5850.00	59.8 PK	68.2	-8.4	1.48 V	6	57.5	2.3
7	11380.00	51.8 PK	74.0	-22.2	2.13 V	91	39.2	12.6
8	11380.00	38.4 AV	54.0	-15.6	2.13 V	91	25.8	12.6
9	#17070.00	53.5 PK	68.2	-14.7	3.58 V	74	37.3	16.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5775.00	100.8 PK			1.00 H	151	98.8	2.0
2	*5775.00	90.7 AV			1.00 H	151	88.7	2.0
3	11550.00	53.9 PK	74.0	-20.1	1.28 H	36	41.2	12.7
4	11550.00	40.1 AV	54.0	-13.9	1.28 H	36	27.4	12.7
5	#17325.00	54.2 PK	68.2	-14.0	1.59 H	26	37.8	16.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5775.00	109.3 PK			2.18 V	18	107.3	2.0
2	*5775.00	100.1 AV			2.18 V	18	98.1	2.0
3	11550.00	52.0 PK	74.0	-22.0	2.17 V	84	39.3	12.7
4	11550.00	38.8 AV	54.0	-15.2	2.17 V	84	26.1	12.7
5	#17325.00	54.4 PK	68.2	-13.8	3.53 V	93	38.0	16.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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.

802.11ax (RU26)

Channel	TX Channel 36	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission 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	1.00 H	214	48.4	1.7
2	5150.00	39.7 AV	54.0	-14.3	1.00 H	214	38.0	1.7
3	*5180.00	106.0 PK			1.00 H	214	104.5	1.5
4	*5180.00	96.5 AV			1.00 H	214	95.0	1.5
5	#10343.00	48.5 PK	68.2	-19.7	2.22 H	79	37.4	11.1
6	15514.50	47.7 PK	74.0	-26.3	1.27 H	95	36.0	11.7
7	15514.50	33.8 AV	54.0	-20.2	1.27 H	95	22.1	11.7

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	51.8 PK	74.0	-22.2	1.62 V	360	50.1	1.7
2	5150.00	40.6 AV	54.0	-13.4	1.62 V	360	38.9	1.7
3	*5180.00	112.4 PK			1.62 V	360	110.9	1.5
4	*5180.00	103.0 AV			1.62 V	360	101.5	1.5
5	#10343.00	47.7 PK	68.2	-20.5	1.04 V	81	36.6	11.1
6	15514.50	46.6 PK	74.0	-27.4	2.04 V	88	34.9	11.7
7	15514.50	32.9 AV	54.0	-21.1	2.04 V	88	21.2	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 40	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission 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	1.06 H	224	48.6	1.7
2	5150.00	39.8 AV	54.0	-14.2	1.06 H	224	38.1	1.7
3	*5200.00	105.5 PK			1.06 H	224	104.1	1.4
4	*5200.00	96.1 AV			1.06 H	224	94.7	1.4
5	#10400.00	48.6 PK	68.2	-19.6	2.21 H	87	37.1	11.5
6	15600.00	47.6 PK	74.0	-26.4	1.16 H	93	36.1	11.5
7	15600.00	33.6 AV	54.0	-20.4	1.16 H	93	22.1	11.5

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	51.5 PK	74.0	-22.5	1.49 V	356	49.8	1.7
2	5150.00	39.8 AV	54.0	-14.2	1.49 V	356	38.1	1.7
3	*5200.00	115.8 PK			1.49 V	356	114.4	1.4
4	*5200.00	104.6 AV			1.49 V	356	103.2	1.4
5	#10400.00	47.9 PK	68.2	-20.3	1.02 V	100	36.4	11.5
6	15600.00	47.1 PK	74.0	-26.9	1.97 V	100	35.6	11.5
7	15600.00	33.2 AV	54.0	-20.8	1.97 V	100	21.7	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.
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	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	49.7 PK	74.0	-24.3	1.04 H	218	48.0	1.7
2	5150.00	39.4 AV	54.0	-14.6	1.04 H	218	37.7	1.7
3	*5240.00	105.7 PK			1.04 H	218	104.5	1.2
4	*5240.00	96.2 AV			1.04 H	218	95.0	1.2
5	#10497.00	48.4 PK	68.2	-19.8	2.20 H	95	37.0	11.4
6	15745.50	47.8 PK	74.0	-26.2	1.27 H	80	36.9	10.9
7	15745.50	33.6 AV	54.0	-20.4	1.27 H	80	22.7	10.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	51.9 PK	74.0	-22.1	1.52 V	354	50.2	1.7
2	5150.00	41.1 AV	54.0	-12.9	1.52 V	354	39.4	1.7
3	*5240.00	114.1 PK			1.52 V	354	112.9	1.2
4	*5240.00	102.4 AV			1.52 V	354	101.2	1.2
5	#10497.00	47.5 PK	68.2	-20.7	1.04 V	108	36.1	11.4
6	15745.50	47.3 PK	74.0	-26.7	2.04 V	78	36.4	10.9
7	15745.50	33.1 AV	54.0	-20.9	2.04 V	78	22.2	10.9

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 52	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5260.00	105.2 PK			1.00 H	223	104.0	1.2
2	*5260.00	96.0 AV			1.00 H	223	94.8	1.2
3	5350.00	50.0 PK	74.0	-24.0	1.00 H	223	48.6	1.4
4	5350.00	39.5 AV	54.0	-14.5	1.00 H	223	38.1	1.4
5	#10503.00	49.0 PK	68.2	-19.2	2.20 H	82	37.6	11.4
6	15754.50	47.4 PK	74.0	-26.6	1.16 H	94	36.6	10.8
7	15754.50	33.1 AV	54.0	-20.9	1.16 H	94	22.3	10.8

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5260.00	113.3 PK			1.51 V	359	112.1	1.2
2	*5260.00	102.4 AV			1.51 V	359	101.2	1.2
3	5350.00	52.3 PK	74.0	-21.7	1.51 V	359	50.9	1.4
4	5350.00	40.8 AV	54.0	-13.2	1.51 V	359	39.4	1.4
5	#10503.00	48.3 PK	68.2	-19.9	1.02 V	97	36.9	11.4
6	15754.50	47.8 PK	74.0	-26.2	1.93 V	74	37.0	10.8
7	15754.50	33.7 AV	54.0	-20.3	1.93 V	74	22.9	10.8

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 60	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	105.9 PK			1.07 H	216	104.7	1.2
2	*5300.00	96.5 AV			1.07 H	216	95.3	1.2
3	5350.00	49.6 PK	74.0	-24.4	1.07 H	216	48.2	1.4
4	5350.00	39.2 AV	54.0	-14.8	1.07 H	216	37.8	1.4
5	10600.00	48.5 PK	74.0	-25.5	2.20 H	93	36.7	11.8
6	10600.00	36.6 AV	54.0	-17.4	2.20 H	93	24.8	11.8
7	15900.00	47.6 PK	74.0	-26.4	1.22 H	85	36.9	10.7
8	15900.00	33.4 AV	54.0	-20.6	1.22 H	85	22.7	10.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	112.7 PK			1.57 V	339	111.5	1.2
2	*5300.00	103.4 AV			1.57 V	339	102.2	1.2
3	5350.00	51.6 PK	74.0	-22.4	1.57 V	339	50.2	1.4
4	5350.00	40.4 AV	54.0	-13.6	1.57 V	339	39.0	1.4
5	10600.00	47.9 PK	74.0	-26.1	1.04 V	93	36.1	11.8
6	10600.00	36.3 AV	54.0	-17.7	1.04 V	93	24.5	11.8
7	15900.00	47.2 PK	74.0	-26.8	1.98 V	88	36.5	10.7
8	15900.00	33.3 AV	54.0	-20.7	1.98 V	88	22.6	10.7

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.

Channel	TX Channel 64	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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			1.05 H	210	108.8	1.4
2	*5320.00	97.7 AV			1.05 H	210	96.3	1.4
3	5387.52	50.2 PK	74.0	-23.8	1.05 H	210	48.8	1.4
4	5387.52	39.2 AV	54.0	-14.8	1.05 H	210	37.8	1.4
5	10657.00	48.4 PK	74.0	-25.6	2.22 H	99	36.4	12.0
6	10657.00	36.3 AV	54.0	-17.7	2.22 H	99	24.3	12.0
7	15985.50	46.9 PK	74.0	-27.1	1.19 H	85	35.9	11.0
8	15985.50	33.0 AV	54.0	-21.0	1.19 H	85	22.0	11.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	112.4 PK			1.53 V	346	111.0	1.4
2	*5320.00	101.7 AV			1.53 V	346	100.3	1.4
3	5431.54	51.1 PK	74.0	-22.9	1.53 V	346	49.5	1.6
4	5431.54	40.1 AV	54.0	-13.9	1.53 V	346	38.5	1.6
5	10657.00	47.6 PK	74.0	-26.4	1.02 V	100	35.6	12.0
6	10657.00	36.1 AV	54.0	-17.9	1.02 V	100	24.1	12.0
7	15985.50	47.6 PK	74.0	-26.4	1.99 V	88	36.6	11.0
8	15985.50	33.7 AV	54.0	-20.3	1.99 V	88	22.7	11.0

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.

Channel	TX Channel 100	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	50.6 PK	74.0	-23.4	1.01 H	196	49.0	1.6
2	5460.00	39.0 AV	54.0	-15.0	1.01 H	196	37.4	1.6
3	#5465.57	50.6 PK	68.2	-17.6	1.01 H	196	49.0	1.6
4	*5500.00	107.2 PK			1.01 H	196	105.5	1.7
5	*5500.00	98.2 AV			1.01 H	196	96.5	1.7
6	10983.00	48.3 PK	74.0	-25.7	2.25 H	91	36.0	12.3
7	10983.00	36.3 AV	54.0	-17.7	2.25 H	91	24.0	12.3
8	#16474.50	47.2 PK	68.2	-21.0	1.17 H	94	34.0	13.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	51.6 PK	74.0	-22.4	1.46 V	18	50.0	1.6
2	5460.00	39.3 AV	54.0	-14.7	1.46 V	18	37.7	1.6
3	#5464.40	51.1 PK	68.2	-17.1	1.46 V	18	49.5	1.6
4	*5500.00	113.9 PK			1.46 V	18	112.2	1.7
5	*5500.00	102.8 AV			1.46 V	18	101.1	1.7
6	10983.00	47.3 PK	74.0	-26.7	1.06 V	106	35.0	12.3
7	10983.00	36.1 AV	54.0	-17.9	1.06 V	106	23.8	12.3
8	#16474.50	47.7 PK	68.2	-20.5	1.97 V	81	34.5	13.2

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	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	104.4 PK			1.02 H	183	102.7	1.7
2	*5580.00	95.5 AV			1.02 H	183	93.8	1.7
3	11160.00	48.3 PK	74.0	-25.7	2.20 H	101	36.7	11.6
4	11160.00	36.6 AV	54.0	-17.4	2.20 H	101	25.0	11.6
5	#16740.00	47.6 PK	68.2	-20.6	1.24 H	101	32.9	14.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	114.9 PK			1.50 V	360	113.2	1.7
2	*5580.00	104.6 AV			1.50 V	360	102.9	1.7
3	11160.00	48.6 PK	74.0	-25.4	1.03 V	81	37.0	11.6
4	11160.00	36.7 AV	54.0	-17.3	1.03 V	81	25.1	11.6
5	#16740.00	47.2 PK	68.2	-21.0	1.98 V	99	32.5	14.7

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 140	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	105.3 PK			1.06 H	198	103.5	1.8
2	*5700.00	95.9 AV			1.06 H	198	94.1	1.8
3	#5725.00	52.1 PK	68.2	-16.1	1.06 H	198	50.2	1.9
4	11417.00	48.5 PK	74.0	-25.5	2.15 H	104	35.7	12.8
5	11417.00	36.8 AV	54.0	-17.2	2.15 H	104	24.0	12.8
6	#17125.50	47.6 PK	68.2	-20.6	1.17 H	86	31.4	16.2

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	111.5 PK			1.58 V	360	109.7	1.8
2	*5700.00	102.3 AV			1.58 V	360	100.5	1.8
3	#5725.00	52.5 PK	68.2	-15.7	1.58 V	360	50.6	1.9
4	11417.00	48.6 PK	74.0	-25.4	1.08 V	76	35.8	12.8
5	11417.00	36.5 AV	54.0	-17.5	1.08 V	76	23.7	12.8
6	#17125.50	47.8 PK	68.2	-20.4	1.96 V	106	31.6	16.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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	Frequency (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	50.9 PK	74.0	-23.1	1.11 H	206	49.3	1.6
2	5460.00	39.1 AV	54.0	-14.9	1.11 H	206	37.5	1.6
3	#5470.00	52.5 PK	68.2	-15.7	1.11 H	206	50.9	1.6
4	*5720.00	104.6 PK			1.11 H	206	102.7	1.9
5	*5720.00	95.6 AV			1.11 H	206	93.7	1.9
6	#5850.00	52.5 PK	68.2	-15.7	1.11 H	206	50.2	2.3
7	11456.00	48.9 PK	74.0	-25.1	2.24 H	99	36.3	12.6
8	11456.00	36.8 AV	54.0	-17.2	2.24 H	99	24.2	12.6
9	#17184.00	47.1 PK	68.2	-21.1	1.27 H	84	31.2	15.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	51.7 PK	74.0	-22.3	1.47 V	360	50.1	1.6
2	5460.00	39.6 AV	54.0	-14.4	1.47 V	360	38.0	1.6
3	#5470.00	52.8 PK	68.2	-15.4	1.47 V	360	51.2	1.6
4	*5720.00	111.6 PK			1.47 V	360	109.7	1.9
5	*5720.00	101.2 AV			1.47 V	360	99.3	1.9
6	#5850.00	52.3 PK	68.2	-15.9	1.47 V	360	50.0	2.3
7	11456.00	48.2 PK	74.0	-25.8	1.01 V	104	35.6	12.6
8	11456.00	36.5 AV	54.0	-17.5	1.01 V	104	23.9	12.6
9	#17184.00	47.2 PK	68.2	-21.0	1.96 V	73	31.3	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 149	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5576.90	51.7 PK	68.2	-16.5	1.02 H	224	50.0	1.7
2	*5745.00	113.5 PK			1.02 H	224	111.6	1.9
3	*5745.00	106.3 AV			1.02 H	224	104.4	1.9
4	#5951.40	57.2 PK	68.2	-11.0	1.02 H	224	54.7	2.5
5	11473.00	54.1 PK	74.0	-19.9	2.20 H	93	41.6	12.5
6	11473.00	44.7 AV	54.0	-9.3	2.20 H	93	32.2	12.5
7	#17209.50	53.5 PK	68.2	-14.7	1.22 H	85	37.7	15.8

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5576.60	57.3 PK	68.2	-10.9	1.43 V	356	55.6	1.7
2	*5745.00	119.9 PK			1.43 V	356	118.0	1.9
3	*5745.00	111.2 AV			1.43 V	356	109.3	1.9
4	#5948.57	65.9 PK	68.2	-2.3	1.43 V	356	63.4	2.5
5	11473.00	54.7 PK	74.0	-19.3	1.04 V	93	42.2	12.5
6	11473.00	44.9 AV	54.0	-9.1	1.04 V	93	32.4	12.5
7	#17209.50	59.1 PK	68.2	-9.1	1.98 V	88	43.3	15.8

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 157	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5571.61	60.8 PK	68.2	-7.4	1.09 H	200	59.1	1.7
2	*5785.00	115.5 PK			1.09 H	200	113.5	2.0
3	*5785.00	108.0 AV			1.09 H	200	106.0	2.0
4	#5997.73	62.9 PK	68.2	-5.3	1.09 H	200	60.3	2.6
5	11570.00	53.9 PK	74.0	-20.1	2.18 H	101	41.0	12.9
6	11570.00	44.3 AV	54.0	-9.7	2.18 H	101	31.4	12.9
7	#17355.00	53.2 PK	68.2	-15.0	1.24 H	85	36.4	16.8

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5569.56	65.7 PK	68.2	-2.5	1.46 V	358	64.0	1.7
2	*5785.00	121.8 PK			1.46 V	358	119.8	2.0
3	*5785.00	112.7 AV			1.46 V	358	110.7	2.0
4	#5997.76	62.9 PK	68.2	-5.3	1.46 V	358	60.3	2.6
5	11570.00	55.3 PK	74.0	-18.7	1.08 V	78	42.4	12.9
6	11570.00	45.3 AV	54.0	-8.7	1.08 V	78	32.4	12.9
7	#17355.00	58.9 PK	68.2	-9.3	2.01 V	93	42.1	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 165	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5552.26	51.1 PK	68.2	-17.1	1.08 H	213	49.4	1.7
2	*5825.00	116.5 PK			1.08 H	213	114.3	2.2
3	*5825.00	110.7 AV			1.08 H	213	108.5	2.2
4	#5992.94	52.2 PK	68.2	-16.0	1.08 H	213	49.6	2.6
5	11666.80	53.7 PK	74.0	-20.3	2.21 H	98	40.8	12.9
6	11666.80	44.4 AV	54.0	-9.6	2.21 H	98	31.5	12.9
7	#17500.20	53.9 PK	68.2	-14.3	1.23 H	76	34.7	19.2

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5592.93	55.7 PK	68.2	-12.5	1.45 V	352	54.1	1.6
2	*5825.00	122.6 PK			1.45 V	352	120.4	2.2
3	*5825.00	113.8 AV			1.45 V	352	111.6	2.2
4	#5993.36	58.1 PK	68.2	-10.1	1.45 V	352	55.5	2.6
5	11666.80	54.8 PK	74.0	-19.2	1.00 V	91	41.9	12.9
6	11666.80	45.2 AV	54.0	-8.8	1.00 V	91	32.3	12.9
7	#17500.20	58.8 PK	68.2	-9.4	2.02 V	78	39.6	19.2

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.

802.11ax (RU52)

Channel	TX Channel 36	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	50.0 PK	74.0	-24.0	1.03 H	216	48.3	1.7
2	5150.00	39.7 AV	54.0	-14.3	1.03 H	216	38.0	1.7
3	*5180.00	105.5 PK			1.03 H	216	104.0	1.5
4	*5180.00	95.3 AV			1.03 H	216	93.8	1.5
5	#10345.00	49.3 PK	68.2	-18.9	2.25 H	103	38.2	11.1
6	15517.50	47.0 PK	74.0	-27.0	1.27 H	87	35.3	11.7
7	15517.50	32.8 AV	54.0	-21.2	1.27 H	87	21.1	11.7

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5123.23	52.2 PK	74.0	-21.8	1.42 V	360	50.5	1.7
2	5123.23	40.3 AV	54.0	-13.7	1.42 V	360	38.6	1.7
3	*5180.00	111.6 PK			1.42 V	360	110.1	1.5
4	*5180.00	102.4 AV			1.42 V	360	100.9	1.5
5	#10345.00	47.8 PK	68.2	-20.4	1.25 V	113	36.7	11.1
6	15517.50	46.9 PK	74.0	-27.1	2.04 V	66	35.2	11.7
7	15517.50	32.6 AV	54.0	-21.4	2.04 V	66	20.9	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 40	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	49.7 PK	74.0	-24.3	1.06 H	210	48.0	1.7
2	5150.00	39.5 AV	54.0	-14.5	1.06 H	210	37.8	1.7
3	*5200.00	105.8 PK			1.06 H	210	104.4	1.4
4	*5200.00	95.4 AV			1.06 H	210	94.0	1.4
5	#10406.00	49.4 PK	68.2	-18.8	2.30 H	105	37.9	11.5
6	15609.00	47.0 PK	74.0	-27.0	1.25 H	93	35.5	11.5
7	15609.00	33.0 AV	54.0	-21.0	1.25 H	93	21.5	11.5

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	52.1 PK	74.0	-21.9	1.44 V	348	50.4	1.7
2	5150.00	40.0 AV	54.0	-14.0	1.44 V	348	38.3	1.7
3	*5200.00	112.0 PK			1.44 V	348	110.6	1.4
4	*5200.00	102.5 AV			1.44 V	348	101.1	1.4
5	#10406.00	48.4 PK	68.2	-19.8	1.21 V	128	36.9	11.5
6	15609.00	46.8 PK	74.0	-27.2	2.07 V	67	35.3	11.5
7	15609.00	32.3 AV	54.0	-21.7	2.07 V	67	20.8	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.
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	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	49.7 PK	74.0	-24.3	1.12 H	219	48.0	1.7
2	5150.00	39.6 AV	54.0	-14.4	1.12 H	219	37.9	1.7
3	*5240.00	106.0 PK			1.12 H	219	104.8	1.2
4	*5240.00	95.8 AV			1.12 H	219	94.6	1.2
5	#10494.00	48.4 PK	68.2	-19.8	2.24 H	95	37.0	11.4
6	15741.00	47.3 PK	74.0	-26.7	1.32 H	70	36.3	11.0
7	15741.00	33.0 AV	54.0	-21.0	1.32 H	70	22.0	11.0

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	52.1 PK	74.0	-21.9	1.39 V	350	50.4	1.7
2	5150.00	40.1 AV	54.0	-13.9	1.39 V	350	38.4	1.7
3	*5240.00	109.7 PK			1.39 V	350	108.5	1.2
4	*5240.00	100.4 AV			1.39 V	350	99.2	1.2
5	#10494.00	48.0 PK	68.2	-20.2	1.31 V	118	36.6	11.4
6	15741.00	47.1 PK	74.0	-26.9	2.07 V	78	36.1	11.0
7	15741.00	32.6 AV	54.0	-21.4	2.07 V	78	21.6	11.0

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 52	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5260.00	105.9 PK			1.08 H	216	104.7	1.2
2	*5260.00	95.7 AV			1.08 H	216	94.5	1.2
3	5350.00	49.6 PK	74.0	-24.4	1.08 H	216	48.2	1.4
4	5350.00	39.6 AV	54.0	-14.4	1.08 H	216	38.2	1.4
5	#10505.00	48.5 PK	68.2	-19.7	2.24 H	92	37.1	11.4
6	15757.50	47.9 PK	74.0	-26.1	1.31 H	96	37.1	10.8
7	15757.50	33.6 AV	54.0	-20.4	1.31 H	96	22.8	10.8

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5260.00	111.0 PK			1.43 V	354	109.8	1.2
2	*5260.00	101.9 AV			1.43 V	354	100.7	1.2
3	5350.00	52.8 PK	74.0	-21.2	1.43 V	354	51.4	1.4
4	5350.00	40.5 AV	54.0	-13.5	1.43 V	354	39.1	1.4
5	#10505.00	47.8 PK	68.2	-20.4	1.20 V	108	36.4	11.4
6	15757.50	47.6 PK	74.0	-26.4	2.00 V	55	36.8	10.8
7	15757.50	33.0 AV	54.0	-21.0	2.00 V	55	22.2	10.8

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 60	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	105.7 PK			1.07 H	217	104.5	1.2
2	*5300.00	95.5 AV			1.07 H	217	94.3	1.2
3	5350.00	50.7 PK	74.0	-23.3	1.07 H	217	49.3	1.4
4	5350.00	40.1 AV	54.0	-13.9	1.07 H	217	38.7	1.4
5	10606.00	48.3 PK	74.0	-25.7	2.27 H	89	36.5	11.8
6	10606.00	36.5 AV	54.0	-17.5	2.27 H	89	24.7	11.8
7	15900.00	46.7 PK	74.0	-27.3	1.28 H	88	36.0	10.7
8	15900.00	32.6 AV	54.0	-21.4	1.28 H	88	21.9	10.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	111.7 PK			1.47 V	344	110.5	1.2
2	*5300.00	102.7 AV			1.47 V	344	101.5	1.2
3	5350.00	52.7 PK	74.0	-21.3	1.47 V	344	51.3	1.4
4	5350.00	40.4 AV	54.0	-13.6	1.47 V	344	39.0	1.4
5	10606.00	47.9 PK	74.0	-26.1	1.04 V	93	36.1	11.8
6	10606.00	36.3 AV	54.0	-17.7	1.04 V	93	24.5	11.8
7	15900.00	47.2 PK	74.0	-26.8	1.98 V	88	36.5	10.7
8	15900.00	33.3 AV	54.0	-20.7	1.98 V	88	22.6	10.7

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.

Channel	TX Channel 64	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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			1.05 H	218	104.2	1.4
2	*5320.00	95.3 AV			1.05 H	218	93.9	1.4
3	5350.00	50.8 PK	74.0	-23.2	1.05 H	218	49.4	1.4
4	5350.00	39.0 AV	54.0	-15.0	1.05 H	218	37.6	1.4
5	10654.00	49.3 PK	74.0	-24.7	2.18 H	98	37.3	12.0
6	10654.00	37.0 AV	54.0	-17.0	2.18 H	98	25.0	12.0
7	15981.00	47.3 PK	74.0	-26.7	1.30 H	85	36.3	11.0
8	15981.00	33.5 AV	54.0	-20.5	1.30 H	85	22.5	11.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	108.4 PK			2.11 V	358	107.0	1.4
2	*5320.00	99.8 AV			2.11 V	358	98.4	1.4
3	5350.00	50.2 PK	74.0	-23.8	2.11 V	358	48.8	1.4
4	5350.00	39.7 AV	54.0	-14.3	2.11 V	358	38.3	1.4
5	10654.00	47.1 PK	74.0	-26.9	1.24 V	110	35.1	12.0
6	10654.00	35.6 AV	54.0	-18.4	1.24 V	110	23.6	12.0
7	15981.00	47.2 PK	74.0	-26.8	2.06 V	60	36.2	11.0
8	15981.00	32.7 AV	54.0	-21.3	2.06 V	60	21.7	11.0

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.

Channel	TX Channel 100	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	50.7 PK	74.0	-23.3	1.04 H	232	49.1	1.6
2	5460.00	39.1 AV	54.0	-14.9	1.04 H	232	37.5	1.6
3	#5470.00	50.3 PK	68.2	-17.9	1.04 H	232	48.7	1.6
4	*5500.00	106.8 PK			1.04 H	232	105.1	1.7
5	*5500.00	96.7 AV			1.04 H	232	95.0	1.7
6	10985.00	49.3 PK	74.0	-24.7	2.29 H	98	37.1	12.2
7	10985.00	37.1 AV	54.0	-16.9	2.29 H	98	24.9	12.2
8	#16477.50	46.8 PK	68.2	-21.4	1.25 H	92	33.6	13.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (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	50.9 PK	74.0	-23.1	2.05 V	356	49.3	1.6
2	5460.00	39.4 AV	54.0	-14.6	2.05 V	356	37.8	1.6
3	#5466.23	51.1 PK	68.2	-17.1	2.05 V	356	49.5	1.6
4	*5500.00	110.2 PK			2.05 V	356	108.5	1.7
5	*5500.00	100.7 AV			2.05 V	356	99.0	1.7
6	10985.00	47.6 PK	74.0	-26.4	1.28 V	97	35.4	12.2
7	10985.00	35.9 AV	54.0	-18.1	1.28 V	97	23.7	12.2
8	#16477.50	46.7 PK	68.2	-21.5	2.08 V	77	33.5	13.2

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	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	104.9 PK			1.02 H	208	103.2	1.7
2	*5580.00	94.8 AV			1.02 H	208	93.1	1.7
3	11166.00	48.8 PK	74.0	-25.2	2.27 H	114	37.2	11.6
4	11166.00	36.6 AV	54.0	-17.4	2.27 H	114	25.0	11.6
5	#16749.00	46.9 PK	68.2	-21.3	1.27 H	94	32.2	14.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	110.4 PK			1.47 V	352	108.7	1.7
2	*5580.00	100.4 AV			1.47 V	352	98.7	1.7
3	11166.00	47.5 PK	74.0	-26.5	1.31 V	127	35.9	11.6
4	11166.00	35.9 AV	54.0	-18.1	1.31 V	127	24.3	11.6
5	#16749.00	47.0 PK	68.2	-21.2	2.00 V	61	32.3	14.7

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 140	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	105.0 PK			1.02 H	219	103.2	1.8
2	*5700.00	95.0 AV			1.02 H	219	93.2	1.8
3	#5725.00	52.1 PK	68.2	-16.1	1.02 H	219	50.2	1.9
4	11415.00	49.4 PK	74.0	-24.6	2.20 H	109	36.6	12.8
5	11415.00	37.2 AV	54.0	-16.8	2.20 H	109	24.4	12.8
6	#17122.50	46.6 PK	68.2	-21.6	1.22 H	76	30.4	16.2

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	111.2 PK			1.47 V	349	109.4	1.8
2	*5700.00	102.2 AV			1.47 V	349	100.4	1.8
3	#5725.00	52.6 PK	68.2	-15.6	1.47 V	349	50.7	1.9
4	11415.00	48.1 PK	74.0	-25.9	1.24 V	118	35.3	12.8
5	11415.00	36.4 AV	54.0	-17.6	1.24 V	118	23.6	12.8
6	#17122.50	47.1 PK	68.2	-21.1	2.04 V	66	30.9	16.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	52.3 PK	74.0	-21.7	1.06 H	224	50.7	1.6
2	5460.00	39.2 AV	54.0	-14.8	1.06 H	224	37.6	1.6
3	#5470.00	52.1 PK	68.2	-16.1	1.06 H	224	50.5	1.6
4	*5720.00	105.9 PK			1.06 H	224	104.0	1.9
5	*5720.00	95.4 AV			1.06 H	224	93.5	1.9
6	#5850.00	52.0 PK	68.2	-16.2	1.06 H	224	49.7	2.3
7	11455.00	48.9 PK	74.0	-25.1	2.27 H	96	36.3	12.6
8	11455.00	36.7 AV	54.0	-17.3	2.27 H	96	24.1	12.6
9	#17182.50	47.0 PK	68.2	-21.2	1.31 H	88	31.1	15.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	52.6 PK	74.0	-21.4	1.41 V	351	51.0	1.6
2	5460.00	38.8 AV	54.0	-15.2	1.41 V	351	37.2	1.6
3	#5470.00	52.6 PK	68.2	-15.6	1.41 V	351	51.0	1.6
4	*5720.00	111.4 PK			1.41 V	351	109.5	1.9
5	*5720.00	102.5 AV			1.41 V	351	100.6	1.9
6	#5850.00	52.4 PK	68.2	-15.8	1.41 V	351	50.1	2.3
7	11455.00	47.4 PK	74.0	-26.6	1.20 V	125	34.8	12.6
8	11455.00	36.9 AV	54.0	-17.1	1.20 V	125	24.3	12.6
9	#17182.50	46.6 PK	68.2	-21.6	2.09 V	52	30.7	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 149	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5589.37	51.9 PK	68.2	-16.3	1.12 H	213	50.2	1.7
2	*5745.00	110.6 PK			1.12 H	213	108.7	1.9
3	*5745.00	105.8 AV			1.12 H	213	103.9	1.9
4	#5953.23	66.3 PK	68.2	-1.9	1.21 H	213	63.8	2.5
5	11475.00	53.6 PK	74.0	-20.4	2.26 H	114	41.1	12.5
6	11475.00	44.1 AV	54.0	-9.9	2.26 H	114	31.6	12.5
7	#17212.50	54.2 PK	68.2	-14.0	1.18 H	70	38.4	15.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5577.79	54.7 PK	68.2	-13.5	1.45 V	349	53.0	1.7
2	*5745.00	118.8 PK			1.45 V	349	116.9	1.9
3	*5745.00	108.7 AV			1.45 V	349	106.8	1.9
4	#5952.38	65.9 PK	68.2	-2.3	1.45 V	349	63.4	2.5
5	11475.00	55.4 PK	74.0	-18.6	1.14 V	75	42.9	12.5
6	11475.00	45.1 AV	54.0	-8.9	1.14 V	75	32.6	12.5
7	#17212.50	58.7 PK	68.2	-9.5	2.00 V	96	42.9	15.8

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 157	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5574.83	64.1 PK	68.2	-4.1	1.13 H	215	62.4	1.7
2	*5785.00	113.0 PK			1.13 H	215	111.0	2.0
3	*5785.00	107.7 AV			1.13 H	215	105.7	2.0
4	#6001.76	52.6 PK	68.2	-15.6	1.13 H	215	50.0	2.6
5	11576.00	53.6 PK	74.0	-20.4	2.24 H	101	40.7	12.9
6	11576.00	44.1 AV	54.0	-9.9	2.24 H	101	31.2	12.9
7	#17364.00	53.5 PK	68.2	-14.7	1.20 H	72	36.6	16.9

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5575.42	65.8 PK	68.2	-2.4	1.44 V	359	64.1	1.7
2	*5785.00	119.4 PK			1.44 V	359	117.4	2.0
3	*5785.00	110.2 AV			1.44 V	359	108.2	2.0
4	#6003.29	65.1 PK	68.2	-3.1	1.44 V	359	62.5	2.6
5	11576.00	55.0 PK	74.0	-19.0	1.14 V	72	42.1	12.9
6	11576.00	45.1 AV	54.0	-8.9	1.14 V	72	32.2	12.9
7	#17364.00	58.4 PK	68.2	-9.8	2.00 V	107	41.5	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 165	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5655.41	51.3 PK	72.2	-20.9	1.15 H	207	49.5	1.8
2	*5825.00	116.3 PK			1.15 H	207	114.1	2.2
3	*5825.00	108.7 AV			1.15 H	207	106.5	2.2
4	#5996.39	52.9 PK	68.2	-15.3	1.15 H	207	50.3	2.6
5	11665.00	53.4 PK	74.0	-20.6	2.25 H	91	40.5	12.9
6	11665.00	44.3 AV	54.0	-9.7	2.25 H	91	31.4	12.9
7	#17497.50	53.8 PK	68.2	-14.4	1.19 H	92	34.8	19.0

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5591.53	54.0 PK	68.2	-14.2	1.47 V	356	52.4	1.6
2	*5825.00	120.6 PK			1.47 V	356	118.4	2.2
3	*5825.00	113.2 AV			1.47 V	356	111.0	2.2
4	#5992.47	56.9 PK	68.2	-11.3	1.47 V	356	54.3	2.6
5	11665.00	54.8 PK	74.0	-19.2	1.10 V	75	41.9	12.9
6	11665.00	44.9 AV	54.0	-9.1	1.10 V	75	32.0	12.9
7	#17497.50	59.3 PK	68.2	-8.9	2.02 V	82	40.3	19.0

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.

802.11ax (RU106)

Channel	TX Channel 36	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission 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	2.77 H	212	49.3	1.7
2	5150.00	39.7 AV	54.0	-14.3	2.77 H	212	38.0	1.7
3	*5180.00	102.9 PK			2.77 H	212	101.4	1.5
4	*5180.00	92.7 AV			2.77 H	212	91.2	1.5
5	#10350.00	49.3 PK	68.2	-18.9	2.25 H	103	38.2	11.1
6	15525.00	47.0 PK	74.0	-27.0	1.27 H	87	35.3	11.7
7	15525.00	32.8 AV	54.0	-21.2	1.27 H	87	21.1	11.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5148.50	53.6 PK	74.0	-20.4	1.49 V	327	51.9	1.7
2	5148.50	40.2 AV	54.0	-13.8	1.49 V	327	38.5	1.7
3	*5180.00	109.4 PK			1.49 V	327	107.9	1.5
4	*5180.00	99.1 AV			1.49 V	327	97.6	1.5
5	#10350.00	47.8 PK	68.2	-20.4	1.25 V	113	36.7	11.1
6	15525.00	46.9 PK	74.0	-27.1	2.04 V	66	35.2	11.7
7	15525.00	32.6 AV	54.0	-21.4	2.04 V	66	20.9	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.