FCC Test Report

Report No.:	RFBWIN-WTW-P21040653-6
FCC ID:	J9C-QCNFA725
Test Model:	QCNFA725
Received Date:	Apr. 20, 2021
Test Date:	Apr. 22 to June 30, 2021
Issued Date:	July 16, 2021
Applicant:	Qualcomm Technologies, Inc.
Address:	5775 Morehouse Drive, San Diego, CA 92121-1714
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Hsin Chu Laboratory
Lab Address:	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan
Test Location:	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan
FCC Registration / Designation Number:	723255 / TW2022

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Release Control Record

Issue No.	Description	Date Issued
RFBWIN-WTW-P21040653-6	Original release.	July 16, 2021

1 Certificate of Conformity

Product:	Wi-Fi 6E BT 5.2 M.2 1418 Module
Brand:	Qualcomm
Test Model:	QCNFA725
Sample Status:	Engineering sample
Applicant:	Qualcomm Technologies, Inc.
Test Date:	Apr. 22 to June 30, 2021
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:** July 16, 2021

Vivian Huang / Specialist

Approved by : , **Date:** July 16, 2021

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)(8)	AC Power Conducted Emissions	PASS	Meet the requirement of limit. Minimum passing margin is -19.12dB at 0.26328MHz.
15.407(b)(5)(8)	Radiated Emissions	PASS	Meet the requirement of limit. Minimum passing margin is -13.3dB at 17865.00MHz and 17805.00MHz.
15.407(b)(6)	In-Band Emission (Mask)	PASS	Meet the requirement of limit.
15.407(a)(4/5/6/7/8)	Max Average Transmit Power	PASS	Meet the requirement of limit.
15.407(a)(10)	Emission Bandwidth Measurement	PASS	Meet the requirement of limit.
15.407(a)(4/5/6/7/8)	Peak Power Spectral Density	PASS	Meet the requirement of limit.
15.407 (d)(6)	Contention-based Protocol.	PASS	Meet the requirement of limit.
15.407(g)	Frequency Stability	PASS	Meet the requirement of limit.
15.407(a)(7)(8)	Dual Client- Proper Power Adjustment	PASS	Declaration by applicant.
15.407(d)	Operational restrictions for 6 GHz U-NII devices	PASS	Declaration by applicant
15.203	Antenna Requirement	PASS	Antenna connector is i-pex(MHF 4L) not a standard connector.

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

2.1 Measurement Uncertainty

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

Measurement	Frequency	Expanded Uncertainty (k=2) (±)
Conducted Emissions at mains ports	150kHz ~ 30MHz	1.9 dB
Radiated Emissions up to 1 GHz	30MHz ~ 1GHz	3.1 dB
Radiated Emissions above 1 GHz	1GHz ~ 6GHz	5.5 dB
	6GHz ~ 18GHz	5.1 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

Product	Wi-Fi 6E BT 5.2 M.2 1418 Module
Brand	Qualcomm
Test Model	QCNFA725
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 1024QAM for OFDM in 11ac mode 4096QAM for OFDMA in 11ax HE mode
Modulation Technology	DSSS, OFDM, OFDMA
Transfer Rate	802.11a: up to 54Mbps 802.11n: up to 300Mbps VHT20/40: up to 500Mbps 802.11ac: up to 2166.7Mbps 802.11ax: up to 2969.7Mbps
Operating Frequency	Under control by Standard Power AP: 5.935 ~ 6.415GHz, 6.535 ~ 6.855GHz Under control by Low-powerIndoor AP: 5.935 ~ 6.415GHz, 6.435 ~ 6.525GHz, 6.535 ~ 6.855GHz, 6.865 ~ 7.115GHz
Number of Channel	802.11a/ax (HE20): 60 802.11ax (HE40): 29 802.11ax (HE80): 14 802.11ax (HE160): 7
Output Power	Under control of a Standard Power AP: **5.935 ~ 6.415GHz:** 83.822 mW (EIRP: 27.38 dBm / 547.016 mW) **6.535 ~ 6.855GHz:** 82.122 mW (EIRP: 27.31 dBm / 538.27 mW) Under control of a Low-power Indoor AP: **5.935 ~ 6.415GHz:** 12.086 mW (EIRP: 18.97 dBm / 78.886 mW) **6.435 ~ 6.525GHz:** 10.974 mW (EIRP: 18.50 dBm / 70.795 mW) **6.535 ~ 6.855GHz:** 11.332 mW (EIRP: 18.71 dBm / 74.302 mW) **6.865 ~ 7.115GHz:** 11.526 mW (EIRP: 18.75 dBm / 74.989 mW)
Antenna Type	Refer to section 3.2
Antenna Connector	Refer to section 3.2
Accessory Device	NA
Data Cable Supplied	NA

Note:

1. This device of WLAN (2.4GHz & 5GHz U-NII-1 Band) can support hotspot mode.
2. Simultaneously transmission condition.

Condition	Technology	
1	WLAN(2.4GHz)	WLAN(6GHz)
2	WLAN(2.4GHz)	WLAN(5GHz)
3	WLAN(6GHz)	Bluetooth
4	WLAN(5GHz)	Bluetooth
Note: The emission of the simultaneous operation has been evaluated and no non-compliance was found.		

3. The device of WLAN (2.4GHz) and Bluetooth technology can't transmit simultaneously, it was used timely shared coexistence technology.
4. The EUT incorporates a MIMO function:

2.4GHz Band		
MODULATION MODE	**TX & RX CONFIGURATION**	
802.11b	2TX	2RX
802.11g	2TX	2RX
802.11n (HT20)	2TX	2RX
802.11n (HT40)	2TX	2RX
VHT20	2TX	2RX
VHT40	2TX	2RX
802.11ax (HE20)	2TX	2RX
802.11ax (HE40)	2TX	2RX
802.11ax (RU26/52/106/242/484)	2TX	2RX
5GHz Band		
MODULATION MODE	**TX & RX CONFIGURATION**	
802.11a	2TX	2RX
802.11n (HT20)	2TX	2RX
802.11n (HT40)	2TX	2RX
802.11ac (VHT20)	2TX	2RX
802.11ac (VHT40)	2TX	2RX
802.11ac (VHT80)	2TX	2RX
802.11ac (VHT160)	2TX	2RX
802.11ax (HE20)	2TX	2RX
802.11ax (HE40)	2TX	2RX
802.11ax (HE80)	2TX	2RX
802.11ax (HE160)	2TX	2RX
802.11ax (RU26/52/106/242/484/996/1992)	2TX	2RX
6GHz Band		
MODULATION MODE	**TX & RX CONFIGURATION**	
802.11a	2TX	2RX
802.11ax (HE20)	2TX	2RX
802.11ax (HE40)	2TX	2RX
802.11ax (HE80)	2TX	2RX
802.11ax (HE160)	2TX	2RX
802.11ax (RU26/52/106/242/484/996/1992)	2TX	2RX
Note: The EUT support Beamforming and non-beamforming (CDD) mode, both modes were investigated and the worst case scenario was identified. All test items were performed under non-beamforming (CDD) mode, for EIRP and EIRP PSD using more strict conditions (beamforming mode) into calculated (for example, the EIRP add the array gain into calculated).		

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

3.2 Description of Antenna

The antenna gain was declared by client; please refer to the following table:

Antenna Set	RF Chain No.	Brand	Model	Antenna Net Gain (dBi)	Frequency Range	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length
1	Chain0/1	HONGBO	260-25094	3.53 3.06 3.07 4.81 4.2	2.4~2.4835 GHz 5.15~5.25 GHz 5.25~5.35 GHz 5.47~5.725 GHz 5.725~5.850 GHz	0.76 1.16 1.18 1.2 1.27	PIFA	i-pex(MHF 4L)	300mm
2	Chain0/1	HONGBO	260-25083	5.09 5.14 5.09 5.16 5.12	5.850~5.895 GHz 5.925~6.425 GHz 6.425~6.525 GHz 6.525~6.875 GHz 6.875~7.125 GHz	1.29 1.32 1.35 1.4 1.45	PIFA	i-pex(MHF 4L)	300mm
3	Chain0/1	HONGBO	260-25084	3.22 3.35 3.42 4.77 4.72 4.71 4.75 4.29 4.81 4.74	2.4~2.4835 GHz 5.150~5.250 GHz 5.250~5.350 GHz 5.470~5.725 GHz 5.725~5.850 GHz 5.850~5.895 GHz 5.925~6.425 GHz 6.425~6.525 GHz 6.525~6.875 GHz 6.875~7.125 GHz	0.5 0.76 0.78 0.81 0.85 0.86 0.87 0.91 0.96 0.98	Monopole	i-pex(MHF 4L)	200mm

Note: 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.

3.3 Description of Test Modes

U-NII-5 (5925 ~ 6425MHz): Under control of a Low-power Indoor AP and Standard Power AP

25 channels are provided for 802.11a, 802.11ax (HE20):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
2	5935 MHz	1	5955 MHz	5	5975 MHz	9	5955 MHz
13	6015 MHz	17	6035 MHz	21	6055 MHz	25	6075 MHz
29	6095 MHz	33	6115 MHz	37	6135 MHz	41	6155 MHz
45	6175 MHz	49	6195 MHz	53	6215 MHz	57	6235 MHz
61	6255 MHz	65	6275 MHz	69	6295 MHz	73	6315 MHz
77	6335 MHz	81	6355 MHz	85	6375 MHz	89	6395 MHz
93	6415MHz						

12 channels are provided for 802.11ax (HE40):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
3	5965 MHz	11	6005 MHz	19	6045 MHz	27	6085 MHz
35	6125 MHz	43	6165 MHz	51	6205 MHz	59	6245 MHz
67	6285MHz	75	6325 MHz	83	6365 MHz	91	6405 MHz

6 channels are provided for 802.11ax (HE80):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
7	5985 MHz	23	6065 MHz	39	6145 MHz	55	6225 MHz
71	6305 MHz	87	6385 MHz				

3 channels are provided for 802.11ax (HE160):

Channel	Frequency	Channel	Frequency	Channel	Frequency
15	6025 MHz	47	6185 MHz	79	6345 MHz

U-NII-6 (6425 ~ 6525MHz): Under control of a Low-power Indoor AP

5 channels are provided for 802.11a, 802.11ax (HE20):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
97	6435 MHz	101	6455 MHz	105	6475 MHz	109	6495 MHz
113	6515 MHz						

3 channels are provided for 802.11ax (HE40):

Channel	Frequency	Channel	Frequency	Channel	Frequency
99	6445 MHz	107	6485 MHz	*115	6525 MHz

1 channel is provided for 802.11ax (HE80):

Channel	Frequency
103	6465 MHz

1 channel is provided for 802.11ax (HE160):

Channel	Frequency
*111	6505 MHz

U-NII-7 (6525 ~ 6875MHz): Under control of a Low-power Indoor AP and Standard Power AP

17 channels are provided for 802.11a, 802.11ax (HE20):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
117	6535 MHz	121	6555 MHz	125	6575 MHz	129	6595 MHz
133	6615 MHz	137	6635 MHz	141	6655 MHz	145	6675 MHz
149	6695 MHz	153	6715 MHz	157	6735 MHz	161	6755 MHz
165	6775 MHz	169	6795 MHz	173	6815 MHz	177	6835 MHz
181	6855 MHz						

8 channels are provided for 802.11ax (HE40):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
123	6565 MHz	131	6605 MHz	139	6645 MHz	147	6685 MHz
155	6725 MHz	163	6765 MHz	171	6805 MHz	179	6845 MHz

4 channels are provided for 802.11ax (HE80):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
*119	6545 MHz	135	6625 MHz	151	6705 MHz	167	6785 MHz

2 channels are provided for 802.11ax (HE160):

Channel	Frequency	Channel	Frequency
143	6665 MHz	175	*6825 MHz

U-NII-8 (6875 ~ 7125MHz): Under control of a Low-power Indoor AP

13 channels are provided for 802.11a, 802.11ax (HE20):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
185	6875 MHz	189	6895 MHz	193	6915 MHz	197	6935 MHz
201	6955 MHz	205	6975 MHz	209	6995 MHz	213	7015 MHz
217	7035 MHz	221	7055 MHz	225	7075 MHz	229	7095 MHz
233	7115 MHz						

6 channels are provided for 802.11ax (HE40):

Channel	Frequency	Channel	Frequency	Channel	Frequency
187	6885 MHz	195	6925 MHz	203	6965 MHz
211	7005 MHz	219	7045 MHz	227	7085 MHz

3 channels are provided for 802.11ax (HE80):

Channel	Frequency	Channel	Frequency	Channel	Frequency
*183	6865 MHz	199	6945 MHz	215	7025 MHz

1 channel is provided for 802.11ax (HE160):

Channel	Frequency
207	6985 MHz

Note:
* mean these's straddle channels and operating under control by Low-power indoor AP only.

3.3.1 Test Mode Applicability and Tested Channel Detail

EUT Configure Mode	Applicable To						Description
	RE≥1G	RE<1G	IBE	PLC	CBP	APCM	
1	√	√	√	√	-	√	Under control by Standard Power AP
2	√	√	√	-	√	√	Under control by Low-power Indoor AP

Where **RE≥1G:** Radiated Emission above 1GHz **RE<1G:** Radiated Emission below 1GHz
PLC: Power Line Conducted Emission **APCM:** Antenna Port Conducted Measurement
IBE: In-Band Emission (MASK) **CBP:**Contention Based Protocol

Under control of a Standard Power AP (Mode 1)
Unwanted emission and band edge measurement (Above 1GHz):
(Radiated with 50 ohm load & Conducted)

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

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11a	5925-6425	1 to 93	1, *2, 45, 93	OFDM	BPSK	6Mb/s
	6525-6875	117 to 181	117, 149, 181	OFDM	BPSK	6Mb/s
802.11ax (HE20)	5955-6415	1 to 93	1, *2, 45, 93	OFDM	BPSK	MCS0
	6535-6875	117 to 181	117, 149, 181	OFDM	BPSK	MCS0
802.11ax (HE40)	5965-6405	3 to 91	3, 43, 91	OFDM	BPSK	MCS0
	6525-6885	123 to 179	123, 155, 179	OFDM	BPSK	MCS0
802.11ax (HE80)	5985-6385	7 to 87	7, 39, 87	OFDM	BPSK	MCS0
	6525-6875	135 to 167	135,151,167	OFDM	BPSK	MCS0
802.11ax (HE160)	6025-6345	15 to 79	15,47,79	OFDM	BPSK	MCS0
	6665-6825	143	143	OFDM	BPSK	MCS0

Note: "*": The unwanted emission was verified by radiated with antenna. (Please refer Appendix B)

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration			
							RU26	RU52 (Only Band Edge)	RU106 (Only Band Edge)	RU242
20	5925-6425	1 to 93	2	OFDMA	BPSK	MCS0	*26/0	*52/37	106/53	242/61
			1				26/0	-	106/53	*242/61
			45				26/4	-	-	242/61
			93				26/8	-	-	242/61
	6525-6875	117 to 181	117	OFDMA	BPSK	MCS0	26/0	-	-	242/61
			149				26/4	-	-	242/61
			181				26/8	-	106/54	242/61

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration		
							RU26	RU242 (Only Band Edge)	RU484
40	5925-6425	3 to 91	3	OFDMA	BPSK	MCS0	26/9	*242/63	*484/65
			43				26/27	-	484/65
			91				26/27	-	484/65
	6525-6875	123 to 179	123	OFDMA	BPSK	MCS0	26/9	-	484/65
			155				26/9	-	484/65
			179				26/27	242/62	484/65

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
							RU996
80	5925-6425	7 to 87	7	OFDMA	BPSK	MCS0	*996/67
			39				996/67
			87				996/67
	6525-6875	135 to 167	135	OFDMA	BPSK	MCS0	996/67
			151				996/67
			167				996/67

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
							RU1992
160	5925-6425	15 to 79	15	OFDMA	BPSK	MCS0	*1992/68
			47				1992/68
			79				1992/68
	6525-6875	143	143	OFDMA	BPSK	MCS0	1992/68

Note:
1. "*": The unwanted emission was verified by radiated with antenna. (Please refer Appendix B)
2. For 20MHz Preamble, pre-test RU26, RU52 and RU106, the worst case was found in RU26.
3. For 40MHz Preamble, pre-test RU26, RU52, RU106 and RU242, the worst case was found in RU26.

Unwanted emission measurement (Below 1GHz): (Radiated with 50 ohm load & Conducted)

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

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

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11a	5925-6425 6525-6875	1 to 93 117 to 181	1	OFDM	BPSK	6Mb/s

In-Band Emission (MASK) Measurement:

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

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

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11a	5925-6425	1 to 93	1, 2, 45, 93	OFDM	BPSK	6Mb/s
	6525-6875	117 to 181	117, 149, 181	OFDM	BPSK	6Mb/s
802.11ax (HE20)	5955-6415	1 to 93	1, 2, 45, 93	OFDM	BPSK	MCS0
	6535-6875	117 to 181	117, 149, 181	OFDM	BPSK	MCS0
802.11ax (HE40)	5965-6405	3 to 91	3, 43, 91	OFDM	BPSK	MCS0
	6525-6885	123 to 179	123, 155, 179	OFDM	BPSK	MCS0
802.11ax (HE80)	5985-6385	7 to 87	7, 39, 87	OFDM	BPSK	MCS0
	6525-6875	135 to 167	135,151,167	OFDM	BPSK	MCS0
802.11ax (HE160)	6025-6345	15 to 79	15,47,79	OFDM	BPSK	MCS0
	6665-6825	143	143	OFDM	BPSK	MCS0

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration			
							RU26	RU52	RU106	RU242
20	5925-6425	1 to 93	1	OFDMA	BPSK	MCS0	26/0	52/37	106/53	242/61
			2				26/0	52/37	106/53	242/61
			45				26/4	52/38	106/53	242/61
			93				26/8	52/40	106/54	242/61
	6525-6875	117 to 181	117	OFDMA	BPSK	MCS0	26/0	52/37	106/53	242/61
			149				26/4	52/38	106/54	242/61
			181				26/8	52/40	106/54	242/61

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration				
							RU26	RU52	RU106	RU242	RU484
40	5925-6425	3 to 91	3	OFDMA	BPSK	MCS0	26/9	52/41	106/55	242/63	484/65
			43				26/27	52/48	106/58	242/62	484/65
			91				26/27	52/48	106/58	242/62	484/65
	6525-6875	123 to 179	123	OFDMA	BPSK	MCS0	26/9	52/41	106/55	242/63	484/65
			155				26/9	52/41	106/55	242/63	484/65
			179				26/27	52/48	106/58	242/62	484/65

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
							RU996
80	5925-6425	7 to 87	7	OFDMA	BPSK	MCS0	996/67
			39				996/67
			87				996/67
	6525-6875	135 to 167	135	OFDMA	BPSK	MCS0	996/67
			151				996/67
			167				996/67

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
							RU1992
160	5925-6425	15 to 79	15,47,79	OFDMA	BPSK	MCS0	1992/68 1992/68 1992/68
	6525-6875	143	143	OFDMA	BPSK	MCS0	1992/68

Power Line Conducted Emission Measurement:

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

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11a	5925-6425 6525-6875	1 to 93 117 to 181	1	OFDM	BPSK	6Mb/s

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 RU configurations and antenna ports (if EUT with antenna diversity architecture).
☒ Following channel(s) was (were) selected for the final test as listed below.

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11a	5925-6425	1 to 93	1, 2, 45, 93	OFDM	BPSK	6Mb/s
	6525-6875	117 to 181	117, 149, 181	OFDM	BPSK	6Mb/s
802.11ax (HE20)	5955-6415	1 to 93	1, 2, 45, 93	OFDM	BPSK	MCS0
	6535-6875	117 to 181	117, 149, 181	OFDM	BPSK	MCS0
802.11ax (HE40)	5965-6405	3 to 91	3, 43, 91	OFDM	BPSK	MCS0
	6525-6885	123 to 179	123, 155, 179	OFDM	BPSK	MCS0
802.11ax (HE80)	5985-6385	7 to 87	7, 39, 87	OFDM	BPSK	MCS0
	6525-6875	135 to 167	135,151,167	OFDM	BPSK	MCS0
802.11ax (HE160)	6025-6345	15 to 79	15,47,79	OFDM	BPSK	MCS0
	6665-6825	143	143	OFDM	BPSK	MCS0

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration			
							RU26	RU52	RU106	RU242
20	5925-6425	1 to 93	1 2 45 93	OFDMA	BPSK	MCS0	26/0 26/0 26/4 26/8	52/37 52/37 52/38 52/40	106/53 106/53 106/53 106/54	242/61 242/61 242/61 242/61
	6525-6875	117 to 181	117 149 181	OFDMA	BPSK	MCS0	26/0 26/4 26/8	52/37 52/38 52/40	106/53 106/54 106/54	242/61 242/61 242/61

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration				
							RU26	RU52	RU106	RU242	RU484
40	5925-6425	3 to 91	3	OFDMA	BPSK	MCS0	26/9	52/41	106/55	242/63	484/65
			43				26/27	52/48	106/58	242/62	484/65
			91				26/27	52/48	106/58	242/62	484/65
	6525-6875	123 to 179	123	OFDMA	BPSK	MCS0	26/9	52/41	106/55	242/63	484/65
			155				26/9	52/41	106/55	242/63	484/65
			179				26/27	52/48	106/58	242/62	484/65
Preamble (MHz)	**FREQ. Band (MHz)**	**Available Channel**	**Tested Channel**	**Modulation Technology**	**Modulation Type**	**Data Rate Parameter**	**RU Configuration**				
							RU996				
80	5925-6425	7 to 87	7	OFDMA	BPSK	MCS0	996/67				
			39				996/67				
			87				996/67				
	6525-6875	135 to 167	135	OFDMA	BPSK	MCS0	996/67				
			151				996/67				
			167				996/67				
Preamble (MHz)	**FREQ. Band (MHz)**	**Available Channel**	**Tested Channel**	**Modulation Technology**	**Modulation Type**	**Data Rate Parameter**	**RU Configuration**				
							RU1992				
160	5925-6425	15 to 79	15,47,79	OFDMA	BPSK	MCS0	1992/68				
							1992/68				
							1992/68				
	6525-6875	143	143	OFDMA	BPSK	MCS0	1992/68				

Under control of a Low-power Indoor AP (Mode 2)

Unwanted emission and band edge measurement (Above 1GHz):
(Radiated with 50 ohm load & Conducted)

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

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

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11a	5925-6425	1 to 93	1, 2, 45, 93	OFDM	BPSK	6Mb/s
	6425-6525	97 to 113	97, 105, 113	OFDM	BPSK	6Mb/s
	6525-6875	117 to 181	117, 149, 181	OFDM	BPSK	6Mb/s
	6875-7125	185 to 233	185, 209, 229, 233	OFDM	BPSK	6Mb/s
802.11ax (HE20)	5925-6425	1 to 93	1, *2, 45, 93	OFDM	BPSK	MCS0
	6425-6525	97 to 113	97, 105, 113	OFDM	BPSK	MCS0
	6525-6875	117 to 181	117, 149, 181	OFDM	BPSK	MCS0
	6875-7125	185 to 233	185, 209, 229, *233	OFDM	BPSK	MCS0
802.11ax (HE40)	5925-6425	3 to 91	3, 43, 91	OFDM	BPSK	MCS0
	6425-6525	99 to 115	99, 107, 115	OFDM	BPSK	MCS0
	6525-6875	123 to 179	123, 155, 179	OFDM	BPSK	MCS0
	6875-7125	187 to 227	187, 211, 227	OFDM	BPSK	MCS0
802.11ax (HE80)	5925-6425	7 to 87	7, 39, 87	OFDM	BPSK	MCS0
	6425-6525	103	103	OFDM	BPSK	MCS0
	6525-6875	119 to 183	119, 151, 183	OFDM	BPSK	MCS0
	6875-7125	199 to 215	199, 215	OFDM	BPSK	MCS0
802.11ax (HE160)	5925-6425	15 to 79	15, 47, 79	OFDM	BPSK	MCS0
	6425-6525	111	111	OFDM	BPSK	MCS0
	6525-6875	143 to 175	143, 175	OFDM	BPSK	MCS0
	6875-7125	207	207	OFDM	BPSK	MCS0

Note: "*": The unwanted emission was verified by radiated with antenna. (Please refer Appendix B)

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration			
							RU26	RU52 (Only Band Edge)	RU106 (Only Band Edge)	RU242
20	5925-6425	1 to 93	2,	OFDMA	BPSK	MCS0	*26/0	*52/37	*106/53	*242/61
			1				26/0	-	106/53	242/61
			45				26/4	-	-	242/61
			93				26/8	-	-	242/61
	6425-6525	97 to 113	97	OFDMA	BPSK	MCS0	26/0	-	-	242/61
			105				26/4	-	-	242/61
			113				26/8	-	-	242/61
	6525-6875	117 to 181	117	OFDMA	BPSK	MCS0	26/0	-	-	242/61
			149				26/4	-	-	242/61
			181				26/8	-	-	242/61
	6875-7125	185 to 233	185	OFDMA	BPSK	MCS0	26/0	-	-	242/61
			209				26/4	-	-	242/61
			229				26/8	-	106/54	242/61
			233				*26/8	*52/40	*106/54	*242/61

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration		
							RU26	RU242 (Only Band Edge)	RU484
40	5925-6425	3 to 91	3	OFDMA	BPSK	MCS0	26/9	242/63	484/65
			4				26/27	-	484/65
			91				26/27	-	484/65
	6425-6525	99 to 115	99	OFDMA	BPSK	MCS0	26/9	-	484/65
			107				26/9	-	484/65
			115				26/27	-	484/65
	6525-6875	123 to 179	123	OFDMA	BPSK	MCS0	26/9	-	484/65
			155				26/9	-	484/65
			179				26/27	-	484/65
	6875-7125	187 to 227	187	OFDMA	BPSK	MCS0	26/9	-	484/65
			211				26/9	-	484/65
			219				26/27	242/62	-
			227				-	-	484/65

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
							RU996
80	5925-6425	7 to 87	7	OFDMA	BPSK	MCS0	996/67
			39				996/67
			87				996/67
	6425-6525	103	103	OFDMA	BPSK	MCS0	996/67
	6525-6875	119 to 183	119	OFDMA	BPSK	MCS0	996/67
			151				996/67
			183				996/67
	6875-7125	199 to 215	199	OFDMA	BPSK	MCS0	996/67
			215				996/67

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
							RU1992
160	5925-6425	15 to 79	15 47 79	OFDMA	BPSK	MCS0	1992/68 1992/68 1992/68
	6425-6525	111	111	OFDMA	BPSK	MCS0	1992/68
	6525-6875	143 to 175	143 175	OFDMA	BPSK	MCS0	1992/68 1992/68
	6875-7125	207	207	OFDMA	BPSK	MCS0	1992/68

Note:
1. "*": The unwanted emission was verified by radiated with antenna. (Please refer Appendix B)
2. For 20MHz Preamble, pre-test RU26, RU52 and RU106, the worst case was found in RU26.
3. For 40MHz Preamble, pre-test RU26, RU52, RU106 and RU242, the worst case was found in RU26.

Unwanted emission measurement (Below 1GHz): (Radiated with 50 ohm load & Conducted)

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

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

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11ax (HE160)	5925-6425 6425-6525 6525-6875 6875-7125	15 to 79 111 143 to 175 207	79	OFDM	BPSK	MCS0

In-Band Emission (MASK) Measurement:

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

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

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11a	5925-6425	1 to 93	1, 2, 45, 93	OFDM	BPSK	6Mb/s
	6425-6525	97 to 113	97, 105, 113	OFDM	BPSK	6Mb/s
	6525-6875	117 to 181	117, 149, 181	OFDM	BPSK	6Mb/s
	6875-7125	185 to 233	185, 209, 229, 233	OFDM	BPSK	6Mb/s
802.11ax (HE20)	5925-6425	1 to 93	1, 2, 45, 93	OFDM	BPSK	MCS0
	6425-6525	97 to 113	97, 105, 113	OFDM	BPSK	MCS0
	6525-6875	117 to 181	117, 149, 181	OFDM	BPSK	MCS0
	6875-7125	185 to 233	185, 209, 229, 233	OFDM	BPSK	MCS0
802.11ax (HE40)	5925-6425	3 to 91	3, 43, 91	OFDM	BPSK	MCS0
	6425-6525	99 to 115	99, 107, 115	OFDM	BPSK	MCS0
	6525-6875	123 to 179	123, 155, 179	OFDM	BPSK	MCS0
	6875-7125	187 to 227	187, 211, 227	OFDM	BPSK	MCS0
802.11ax (HE80)	5925-6425	7 to 87	7, 39, 87	OFDM	BPSK	MCS0
	6425-6525	103	103	OFDM	BPSK	MCS0

	6525-6875	119 to 183	119, 151, 183	OFDM	BPSK	MCS0
	6875-7125	199 to 215	199, 215	OFDM	BPSK	MCS0
802.11ax (HE160)	5925-6425	15 to 79	15, 47, 79	OFDM	BPSK	MCS0
	6425-6525	111	111	OFDM	BPSK	MCS0
	6525-6875	143 to 175	143, 175	OFDM	BPSK	MCS0
	6875-7125	207	207	OFDM	BPSK	MCS0

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration			
							RU26	RU52	RU106	RU242
20	5925-6425	1 to 93	1	OFDMA	BPSK	MCS0	26/0	52/37	106/53	242/61
			2				26/0	52/37	106/53	242/61
			45				26/4	52/38	106/53	242/61
			93				26/8	52/40	106/54	242/61
	6425-6525	97 to 113	97	OFDMA	BPSK	MCS0	26/0	52/37	106/53	242/61
			105				26/4	52/38	106/53	242/61
			113				26/8	52/40	106/54	242/61
	6525-6875	117 to 181	117	OFDMA	BPSK	MCS0	26/0	52/37	106/53	242/61
			149				26/4	52/38	106/54	242/61
			181				26/8	52/40	106/54	242/61
	6875-7125	185 to 233	185	OFDMA	BPSK	MCS0	26/0	52/37	106/53	242/61
			209				26/4	52/38	106/54	242/61
			229				26/8	52/40	106/54	242/61
			233				26/8	52/40	106/54	242/61

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration				
							RU26	RU52	RU106	RU242	RU484
40	5925-6425	3 to 91	3	OFDMA	BPSK	MCS0	26/9	52/41	106/55	242/63	484/65
			4				26/27	52/48	106/58	242/62	484/65
			91				26/27	52/48	106/58	242/62	484/65
	6425-6525	99 to 115	99	OFDMA	BPSK	MCS0	26/9	52/41	106/55	242/63	484/65
			107				26/9	52/41	106/55	242/63	484/65
			115				26/27	52/48	106/58	242/62	484/65
	6525-6875	123 to 179	123	OFDMA	BPSK	MCS0	26/9	52/41	106/55	242/63	484/65
			155				26/9	52/41	106/55	242/62	484/65
			179				26/27	52/48	106/58	242/62	484/65
	6875-7125	187 to 227	187	OFDMA	BPSK	MCS0	26/9	52/41	106/55	242/63	484/65
			211				26/9	52/41	106/55	242/63	484/65
			219				26/27	52/48	106/58	242/62	-
			227				-	-	-	-	484/65

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
							RU996
80	5925-6425	7 to 87	7 39 87	OFDMA	BPSK	MCS0	996/67 996/67 996/67
	6425-6525	103	103	OFDMA	BPSK	MCS0	996/67
	6525-6875	119 to 183	119 151 183	OFDMA	BPSK	MCS0	996/67 996/67 996/67
	6875-7125	119 to 215	199 215	OFDMA	BPSK	MCS0	996/67 996/67
Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
							RU1992
160	5925-6425	15 to 79	15 47 79	OFDMA	BPSK	MCS0	1992/68 1992/68 1992/68
	6425-6525	111	111	OFDMA	BPSK	MCS0	1992/68
	6525-6875	143 to 175	143 175	OFDMA	BPSK	MCS0	1992/68 1992/68
	6875-7125	207	207	OFDMA	BPSK	MCS0	1992/68

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 RU configurations and antenna ports (if EUT with antenna diversity architecture).

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

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11a	5925-6425	1 to 93	1, 2, 45, 93	OFDM	BPSK	6Mb/s
	6425-6525	97 to 113	97, 105, 113	OFDM	BPSK	6Mb/s
	6525-6875	117 to 181	117, 149, 181	OFDM	BPSK	6Mb/s
	6875-7125	185 to 233	185, 209, 229, 233	OFDM	BPSK	6Mb/s
802.11ax (HE20)	5925-6425	1 to 93	1, 2, 45, 93	OFDM	BPSK	MCS0
	6425-6525	97 to 113	97, 105, 113	OFDM	BPSK	MCS0
	6525-6875	117 to 181	117, 149, 181	OFDM	BPSK	MCS0
	6875-7125	185 to 233	185, 209, 229, 233	OFDM	BPSK	MCS0
802.11ax (HE40)	5925-6425	3 to 91	3, 43, 91	OFDM	BPSK	MCS0
	6425-6525	99 to 115	99, 107, 115	OFDM	BPSK	MCS0
	6525-6875	123 to 179	123, 155, 179	OFDM	BPSK	MCS0
	6875-7125	187 to 227	187, 211, 227	OFDM	BPSK	MCS0
802.11ax (HE80)	5925-6425	7 to 87	7, 39, 87	OFDM	BPSK	MCS0
	6425-6525	103	103	OFDM	BPSK	MCS0
	6525-6875	119 to 183	119, 151, 183	OFDM	BPSK	MCS0

	6875-7125	199 to 215	199, 215	OFDM	BPSK	MCS0
802.11ax (HE160)	5925-6425	15 to 79	15, 47, 79	OFDM	BPSK	MCS0
	6425-6525	111	111	OFDM	BPSK	MCS0
	6525-6875	143 to 175	143, 175	OFDM	BPSK	MCS0
	6875-7125	207	207	OFDM	BPSK	MCS0

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration			
							RU26	RU52	RU106	RU242
20	5925-6425	1 to 93	1, 2 45 93	OFDMA	BPSK	MCS0	26/0 26/0 26/4 26/8	52/37 52/37 52/38 52/40	106/53 106/53 106/53 106/54	242/61 242/61 242/61 242/61
	6425-6525	97 to 113	97 105 113	OFDMA	BPSK	MCS0	26/0 26/4 26/8	52/37 52/38 52/40	106/53 106/53 106/54	242/61 242/61 242/61
	6525-6875	117 to 181	117 149 181	OFDMA	BPSK	MCS0	26/0 26/4 26/8	52/37 52/38 52/40	106/53 106/54 106/54	242/61 242/61 242/61
	6875-7125	185 to 233	185 209 229 233	OFDMA	BPSK	MCS0	26/0 26/4 26/8 26/8	52/37 52/38 52/40 52/40	106/53 106/54 106/54 106/54	242/61 242/61 242/61 242/61

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration				
							RU26	RU52	RU106	RU242	RU484
40	5925-6425	3 to 91	3 4 91	OFDMA	BPSK	MCS0	26/9 26/27 26/27	52/41 52/48 52/48	106/55 106/58 106/58	242/63 242/62 242/62	484/65 484/65 484/65
	6425-6525	99 to 115	99 107 115	OFDMA	BPSK	MCS0	26/9 26/9 26/27	52/41 52/41 52/48	106/55 106/55 106/58	242/63 242/63 242/62	484/65 484/65 484/65
	6525-6875	123 to 179	123 155 179	OFDMA	BPSK	MCS0	26/9 26/9 26/27	52/41 52/41 52/48	106/55 106/55 106/58	242/63 242/62 242/62	484/65 484/65 484/65
	6875-7125	187 to 227	187 211 219 227	OFDMA	BPSK	MCS0	26/9 26/9 26/27 -	52/41 52/41 52/48 -	106/55 106/55 106/58 -	242/63 242/63 242/62 -	484/65 484/65 - 484/65

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
							RU996
80	5925-6425	7 to 87	7 39 87	OFDMA	BPSK	MCS0	996/67 996/67 996/67
	6425-6525	103	103	OFDMA	BPSK	MCS0	996/67
	6525-6875	119 to 183	119 151 183	OFDMA	BPSK	MCS0	996/67 996/67 996/67
	6875-7125	199 to 215	199 215	OFDMA	BPSK	MCS0	996/67 996/67

Preamble (MHz)	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
							RU1992
160	5925-6425	15 to 79	15 47 79	OFDMA	BPSK	MCS0	1992/68 1992/68 1992/68
	6425-6525	111	111	OFDMA	BPSK	MCS0	1992/68
	6525-6875	143 to 175	143 175	OFDMA	BPSK	MCS0	1992/68 1992/68
	6875-7125	207	207	OFDMA	BPSK	MCS0	1992/68

Contention Based Protocol Measurement:

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

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

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11ax (HE20)	5925-6425	1 to 93	33	OFDM	BPSK	MCS0
	6425-6525	97 to 113	97	OFDM	BPSK	MCS0
	6525-6875	117 to 181	129	OFDM	BPSK	MCS0
	6875-7125	185 to 233	193	OFDM	BPSK	MCS0
802.11ax (HE160)	5925-6425	15 to 79	47	OFDM	BPSK	MCS0
	6425-6525	111	111	OFDM	BPSK	MCS0
	6525-6875	143 to 175	143	OFDM	BPSK	MCS0
	6875-7125	207	207	OFDM	BPSK	MCS0

Test Condition:

Applicable To	Environmental Conditions	Input Power (System)	Tested By
RE≥1G	25deg. C, 75%RH	120Vac, 60Hz	Carter Lin
RE<1G	24deg. C, 65%RH	120Vac, 60Hz	Carter Lin
PLC	25deg. C, 75%RH	120Vac, 60Hz	Carter Lin
APCM	25deg. C, 60%RH	120Vac, 60Hz	Eric Peng

3.4 Duty Cycle of Test Signal

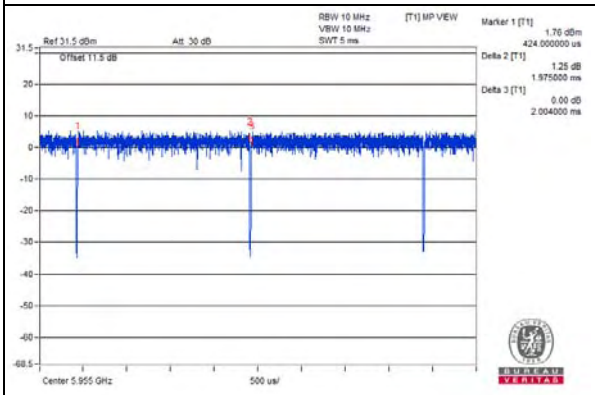
Duty cycle of test signal is ≥ 98 %, duty factor is not required.

802.11a: Duty cycle = 1.975 ms/2.004 ms= 0.986
802.11ax (HE20): Duty cycle = 5.348 ms/5.369 ms= 0.996
802.11ax (HE40): Duty cycle = 5.414 ms/5.445 ms= 0.994
802.11ax (HE80): Duty cycle = 3.494 ms/3.514 ms= 0.994
802.11ax (HE160): Duty cycle = 2.157 ms/2.177 ms= 0.991

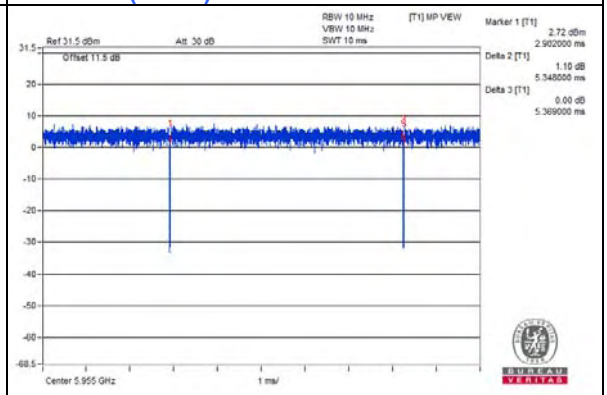
For Mode 1
20MHz Preamble (RU26): Duty cycle = 5.084 ms /5.104 ms = 0.996
20MHz Preamble (RU52): Duty cycle = 5.071 ms /5.093 ms = 0.996
20MHz Preamble (RU106): Duty cycle = 4.763 ms /4.784 ms = 0.996
20MHz Preamble (RU242): Duty cycle = 4.662 ms /4.689 ms = 0.994
40MHz Preamble (RU26): Duty cycle = 5.081 ms /5.107 ms = 0.995
40MHz Preamble (RU52): Duty cycle = 5.074 ms /5.094 ms = 0.996
40MHz Preamble (RU106): Duty cycle = 4.762 ms /4.789 ms = 0.994
40MHz Preamble (RU242): Duty cycle = 4.663 ms /4.689 ms = 0.994
40MHz Preamble (RU484): Duty cycle = 4.659 ms /4.682 ms = 0.995
80MHz Preamble (RU996): Duty cycle = 1.626 ms /1.645 ms = 0.988
160MHz Preamble (RU1992): Duty cycle = 2.153 ms /2.174 ms = 0.99

For Mode 2
20MHz Preamble (RU26): Duty cycle = 5.105 ms /5.127 ms = 0.996
20MHz Preamble (RU52): Duty cycle = 5.111 ms /5.133 ms = 0.996
20MHz Preamble (RU106): Duty cycle = 4.849 ms /4.875 ms = 0.995
20MHz Preamble (RU242): Duty cycle = 4.665 ms /4.686 ms = 0.996
40MHz Preamble (RU26): Duty cycle = 5.102 ms /5.123 ms = 0.996
40MHz Preamble (RU52): Duty cycle = 5.112 ms /5.137 ms = 0.995
40MHz Preamble (RU106): Duty cycle = 4.848 ms /4.874 ms = 0.995
40MHz Preamble (RU242): Duty cycle = 1.158 ms /1.176 ms = 0.985
40MHz Preamble (RU484): Duty cycle = 4.66 ms /4.679 ms = 0.996
80MHz Preamble (RU996): Duty cycle = 1.626 ms /1.643 ms = 0.99
160MHz Preamble (RU1992): Duty cycle = 2.152 ms /2.177 ms = 0.989

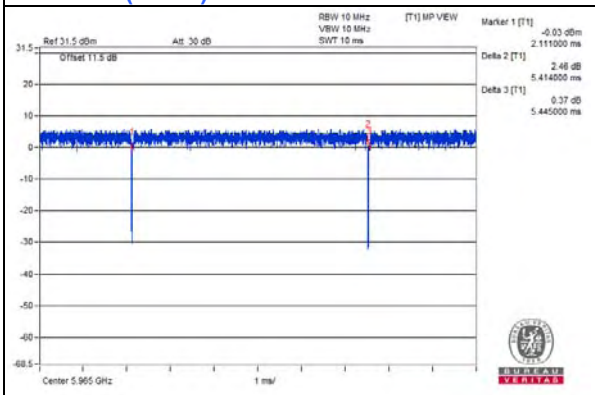
802.11a



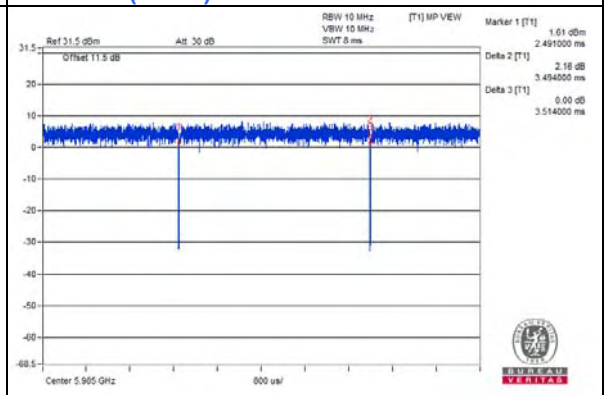
802.11ax (HE20)



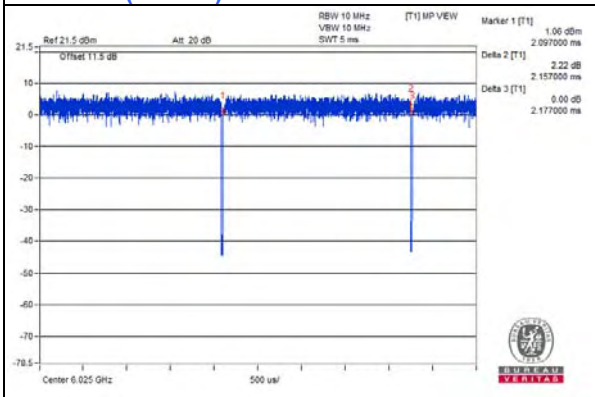
802.11ax (HE40)



802.11ax (HE80)

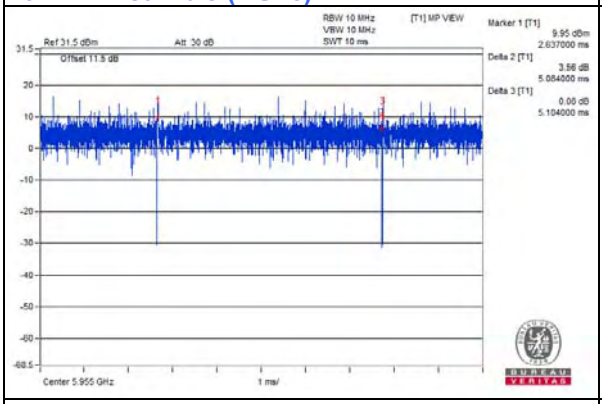


802.11ax (HE160)

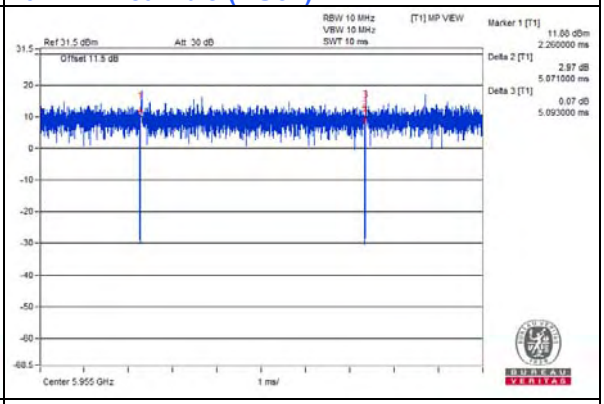


For Mode 1

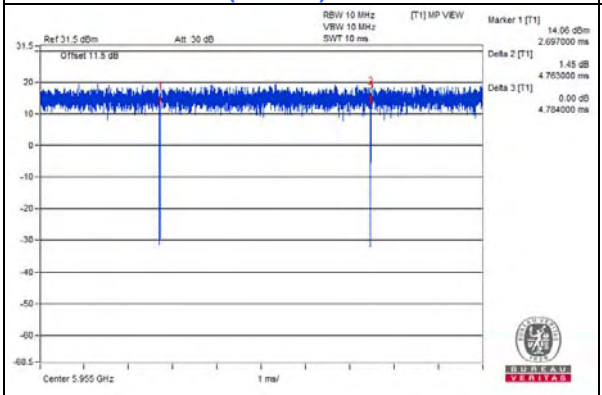
20MHz Preamble (RU26)



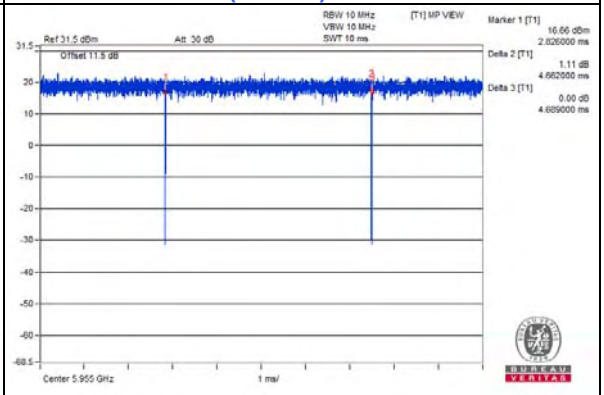
20MHz Preamble (RU52)



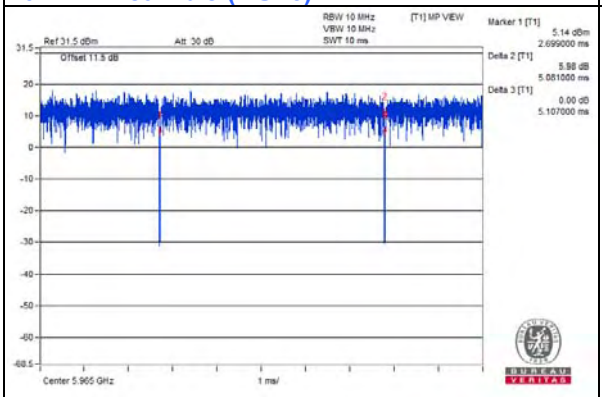
20MHz Preamble (RU106)



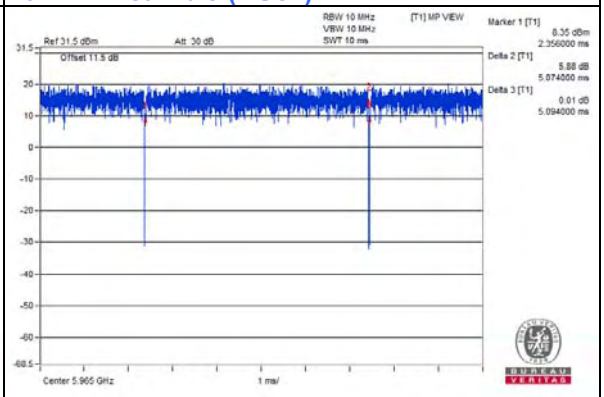
20MHz Preamble (RU242)



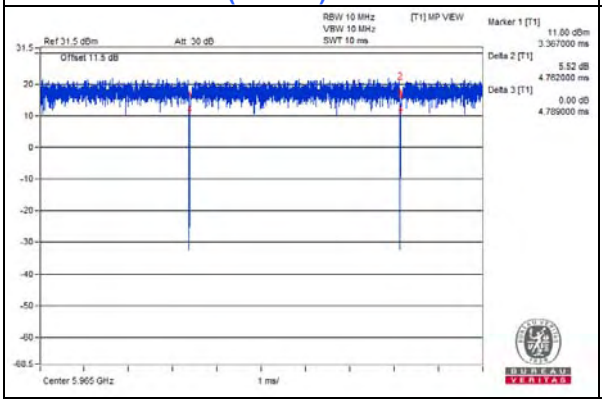
40MHz Preamble (RU26)



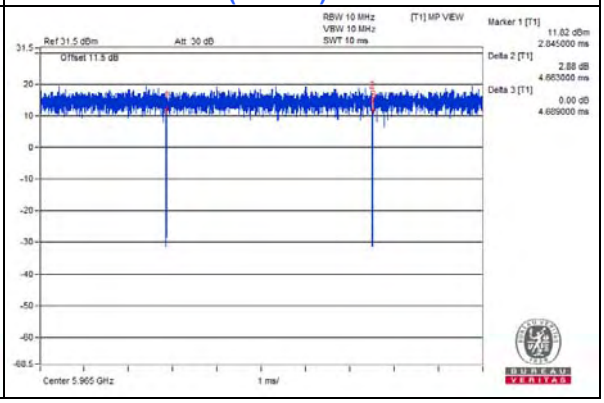
40MHz Preamble (RU52)

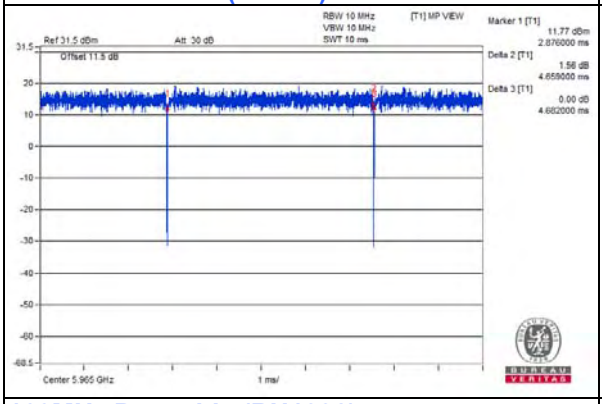
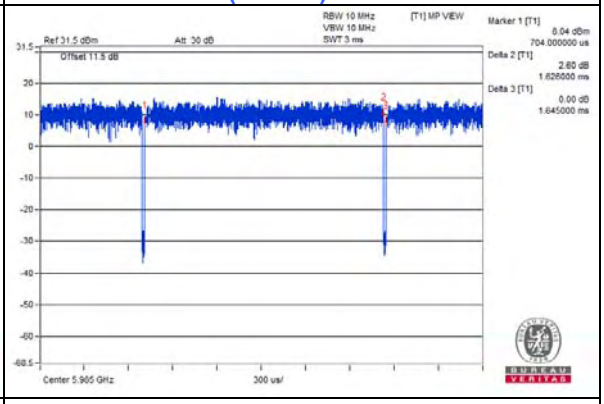
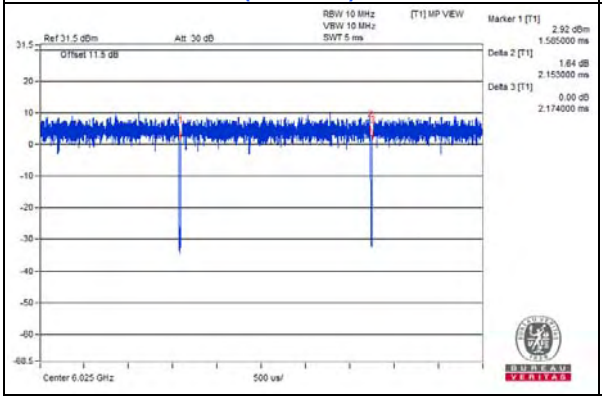


40MHz Preamble (RU106)

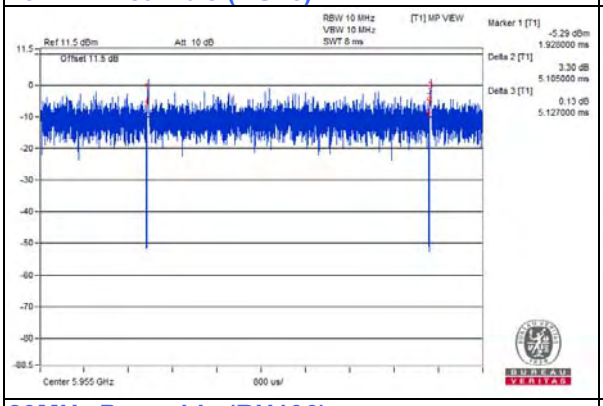
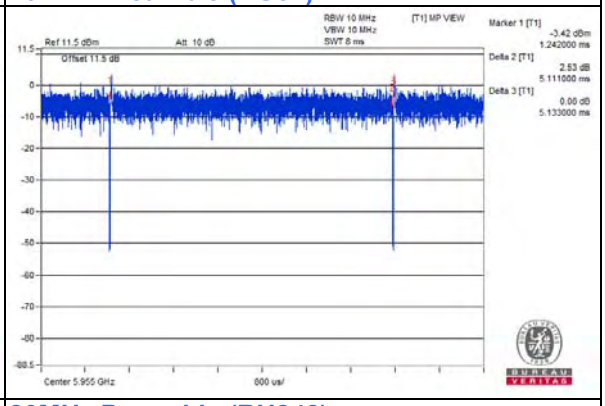
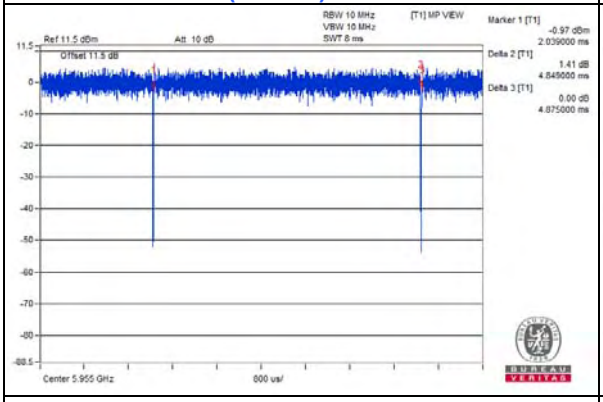
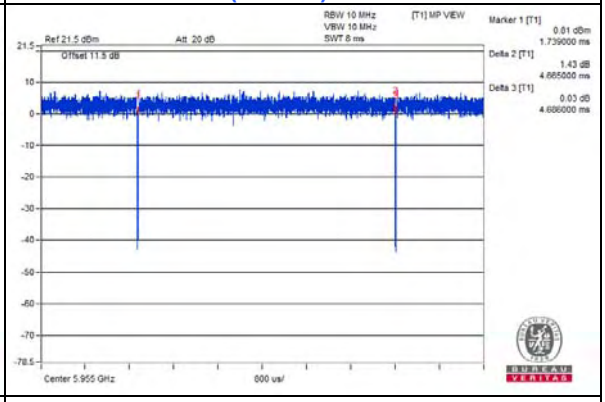
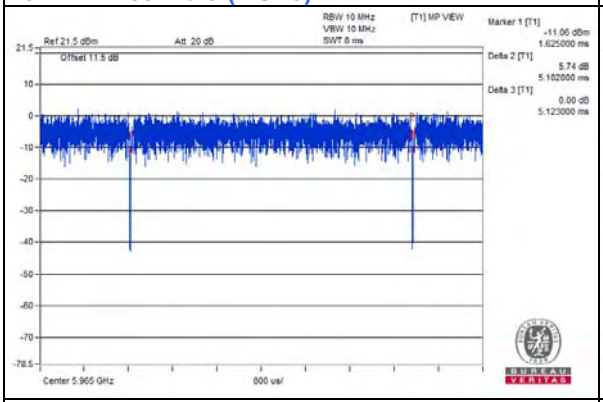
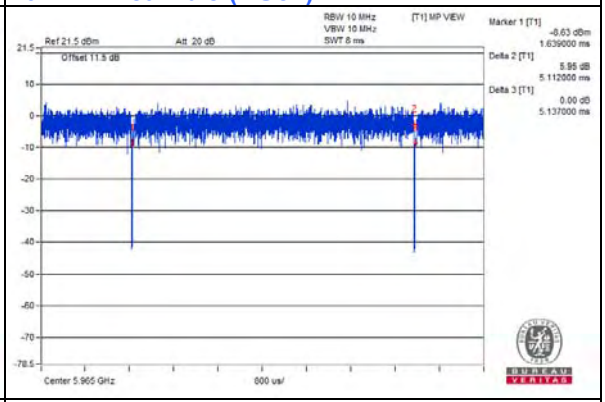
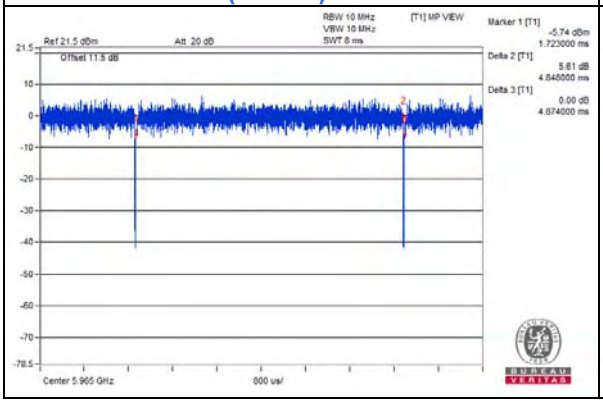
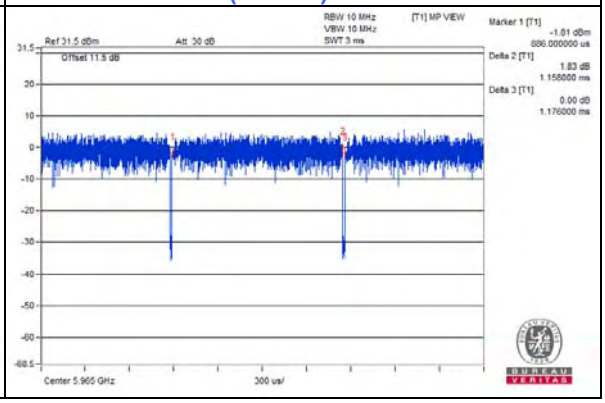


40MHz Preamble (RU242)

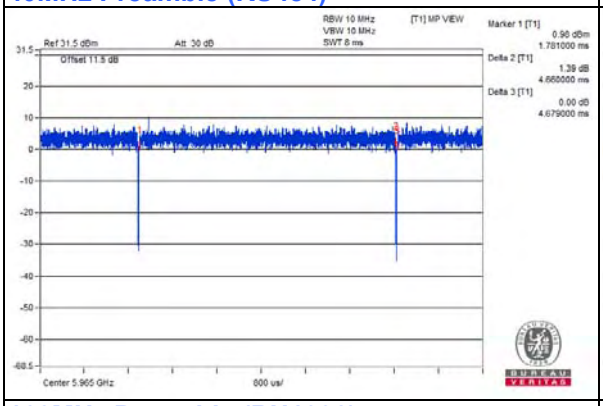


40MHz Preamble (RU484)	80MHz Preamble (RU996)
	
160MHz Preamble (RU1992)	
	

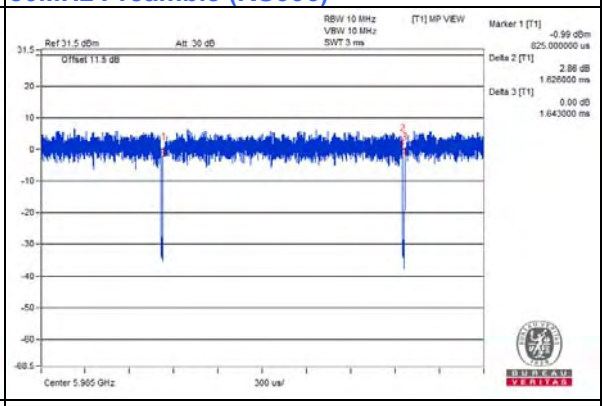
For Mode 2

20MHz Preamble (RU26)	20MHz Preamble (RU52)
	
20MHz Preamble (RU106)	**20MHz Preamble (RU242)**
	
40MHz Preamble (RU26)	**40MHz Preamble (RU52)**
	
40MHz Preamble (RU106)	**40MHz Preamble (RU242)**
	

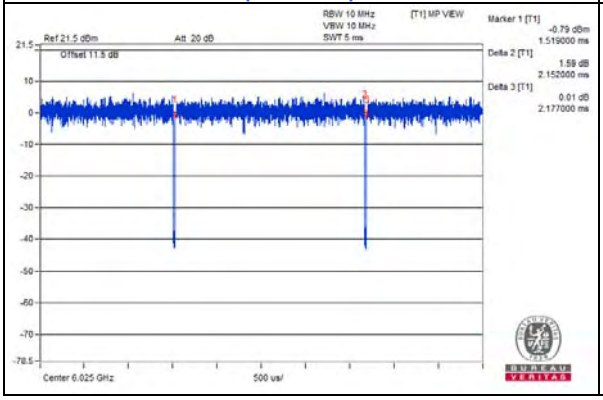
40MHz Preamble (RU484)



80MHz Preamble (RU996)



160MHz Preamble (RU1992)



3.5 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	E5420	6FGHKV1	NA	Provided by Lab
B.	Test Tool	Qualcomm	Y6570	NA	NA	Supplied by client
C.	Adapter	PHIHONG	PSAA12A-120L6	NA	NA	Supplied by client

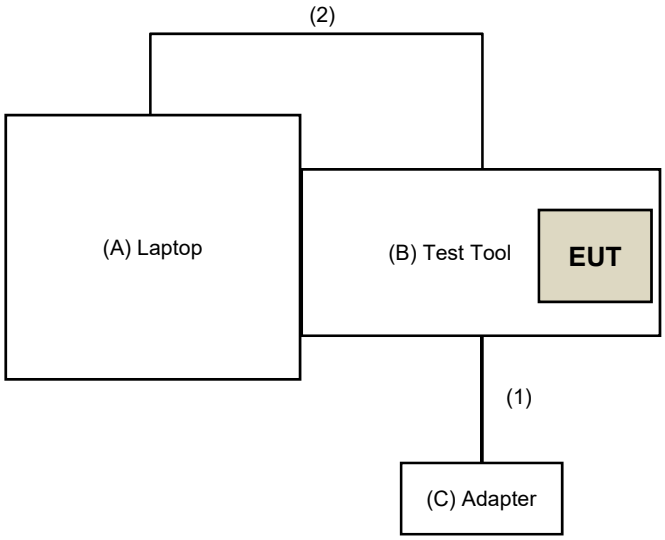
Note:

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

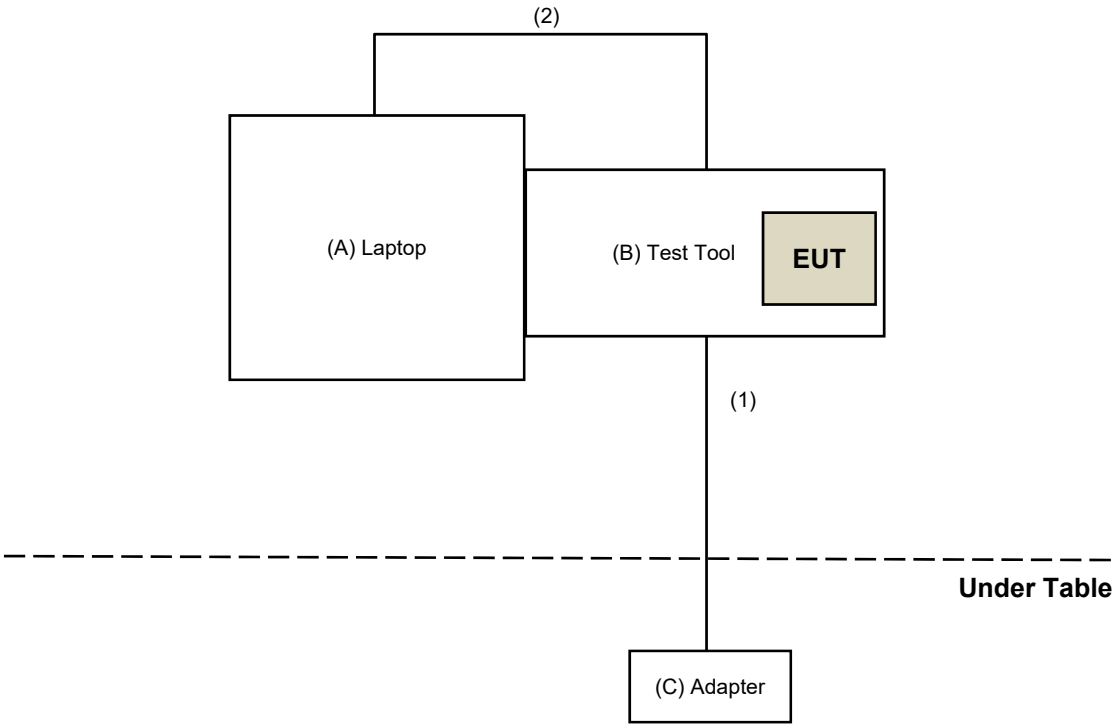
ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	DC Cable	1	1.2	No	0	Supplied by client
2.	USB Cable	1	0.6	Yes	0	Provided by Lab

3.5.1 Configuration of System under Test

For Conducted Emissions test:



For other test:



3.6 General Description of Applied Standard

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards 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 987594 D02 EMC Measurement v01r01
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 Unwanted emission and band edge measurement

4.1.1 Limits of Unwanted emission and band edge 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

Frequencies (MHz)	EIRP Limit	Equivalent Field Strength at 3m
5925MHz > F > 7125MHz	Peak:-7 (dBm/MHz)	88.2(dBμV/m)
	Average: -27 (dBm/MHz)	68.2(dBμV/m)

Note:

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

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

4.1.2 Test Instruments

For radiated emission test (Legacy mode):

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Agilent	N9038A	MY51210202	Dec. 01, 2020	Nov. 30, 2021
Pre-Amplifier EMCI	EMC001340	980142	May 25, 2020	May 24, 2021
Loop Antenna Electro-Metrics	EM-6879	264	Mar. 05, 2021	Mar. 04, 2022
RF Cable	5D-FB	LOOPCAB-001	Jan. 07, 2021	Jan. 06, 2022
RF Cable	5D-FB	LOOPCAB-002	Jan. 07, 2021	Jan. 06, 2022
Pre-Amplifier EMCI	EMC330N	980701	Mar. 10, 2021	Mar. 09, 2022
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-406	Nov. 06, 2020	Nov. 05, 2021
RF Cable	8D	966-4-1	Mar. 17, 2021	Mar. 16, 2022
RF Cable	8D	966-4-2	Mar. 17, 2021	Mar. 16, 2022
RF Cable	8D	966-4-3	Mar. 17, 2021	Mar. 16, 2022
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-ATT5-03	Jan. 11, 2021	Jan. 10, 2022
Horn_Antenna SCHWARZBECK	BBHA 9120D	9120D-783	Nov. 22, 2020	Nov. 21, 2021
Pre-Amplifier EMCI	EMC 12630 SE	980638	Apr. 07, 2021	Apr. 06, 2022
RF Cable	EMC104-SM-SM-1200	160922	Dec. 25, 2020	Dec. 24, 2021
RF Cable	EMC104-SM-SM-2000	180502	Apr. 26, 2021	Apr. 25, 2022
RF Cable	EMC104-SM-SM-6000	180418	Apr. 26, 2021	Apr. 25, 2022
Pre-Amplifier EMCI	EMC184045SE	980387	Jan. 11, 2021	Jan. 10, 2022
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170519	Nov. 22, 2020	Nov. 21, 2021
RF Cable	EMC102-KM-KM-1200	160924	Jan. 11, 2021	Jan. 10, 2022
RF Cable	EMC-KM-KM-4000	200214	Mar. 10, 2021	Mar. 09, 2022
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. 4.
3. Tested Date: May 22, 2021

For radiated emission test (RU mode):

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Agilent	N9038A	MY51210202	Dec. 01, 2020	Nov. 30, 2021
Horn_Antenna SCHWARZBECK	BBHA 9120D	9120D-783	Nov. 22, 2020	Nov. 21, 2021
Pre-Amplifier EMCI	EMC 12630 SE	980638	Apr. 07, 2021	Apr. 06, 2022
RF Cable	EMC104-SM-SM-1200	160922	Dec. 25, 2020	Dec. 24, 2021
RF Cable	EMC104-SM-SM-2000	180502	Apr. 26, 2021	Apr. 25, 2022
RF Cable	EMC104-SM-SM-6000	180418	Apr. 26, 2021	Apr. 25, 2022
Pre-Amplifier EMCI	EMC184045SE	980387	Jan. 11, 2021	Jan. 10, 2022
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170519	Nov. 22, 2020	Nov. 21, 2021
RF Cable	EMC102-KM-KM-1200	160924	Jan. 11, 2021	Jan. 10, 2022
RF Cable	EMC-KM-KM-4000	200214	Mar. 10, 2021	Mar. 09, 2022
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. 4.
3. Tested Date: June 19 to 30, 2021

For other test items (Legacy mode):

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
10dB Attenuator Woken	MDCS18N-10	MDCS18N-10-01	Apr. 13, 2021	Apr. 12, 2022
DC Power Supply Topward	6603D	795558	NA	NA
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	Jan. 14, 2021	Jan. 13, 2022
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: Apr. 22 to May 10, 2021

For other test items (RU mode):

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSV40	100964	Mar. 08, 2021	Mar. 07, 2022
Power meter Anritsu	ML2495A	1529002	July 22, 2020	July 21, 2021
Power sensor Anritsu	MA2411B	1339443	July 22, 2020	July 21, 2021
10dB Attenuator Woken	MDCS18N-10	MDCS18N-10-01	Apr. 13, 2021	Apr. 12, 2022
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: June 17, 2021

4.1.3 Test Procedure

Following FCC KDB 789033 D02 General UNII Test Procedures:
Radiated versus Conducted Measurements.
The unwanted emission limits in both the restricted and non-restricted bands are based on antenna-port conducted measurements in conjunction with cabinet emissions tests are permitted to demonstrate compliance.
The following steps was performed:

a. Cabinet emissions measurements. Radiated measurement was performed to ensure that cabinet emissions are below the emission limits. For the cabinet-emission measurements the antenna was replaced by a termination matching the nominal impedance of the antenna.

b. Conducted tests was performed using equipment that matches the nominal impedance of the antenna assembly used with the EUT.

c. EIRP calculation. A value representative of an upper bound on out-of-band antenna gain (in dBi) shall be added to the measured antenna-port conducted emission power to compute EIRP within the specified measurement bandwidth. (For emissions in the restricted bands, additional calculations are required to convert EIRP to field strength at the specified distance.) The upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands or 2 dBi, whichever is greater.

d. EIRP adjustments for multiple outputs. (Follow the procedures specified in FCC KDB Publication 662911)

e. For all of Radiation emission test

For Radiated emission below 30MHz

e-1.1. 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.

e-1.2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

e-1.3. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.

e-1.4. 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-1.5. 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.
2. KDB 414788 OATS and Chamber Correlation Justification
   -Based on FCC 15.31(f)(2) : measurements may be performed at a distance closer than that specified in the regulations; however, an attempts should be made to avoid making measurements in the near field.
   -OATs and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

For Radiated emission above 30MHz

e-2.1. 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.

e-2.2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

e-2.3. 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.

e-2.4. 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-2.5. 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.

e-2.6. 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.

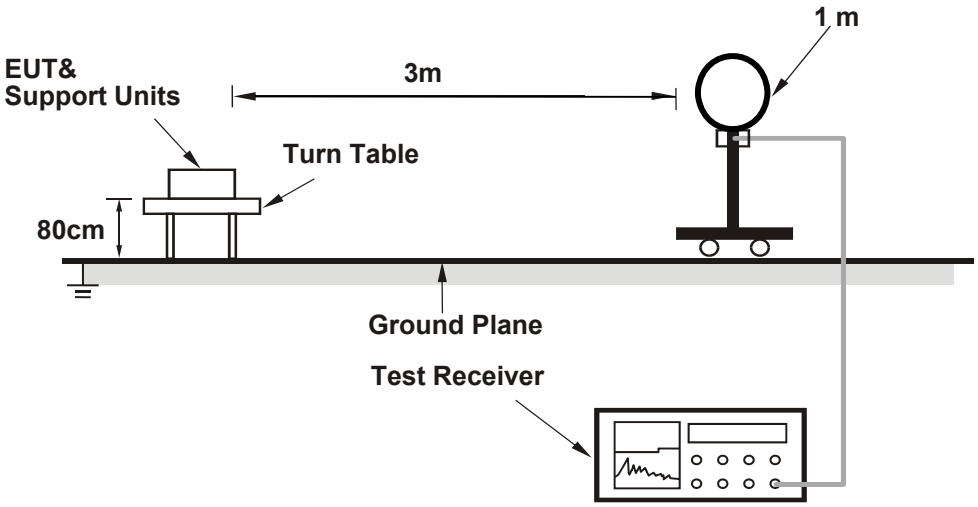
Note:

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 ≥ 1/T (Duty cycle < 98%) or 10Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1GHz.
4. All modes of operation were investigated and the worst-case emissions are reported.

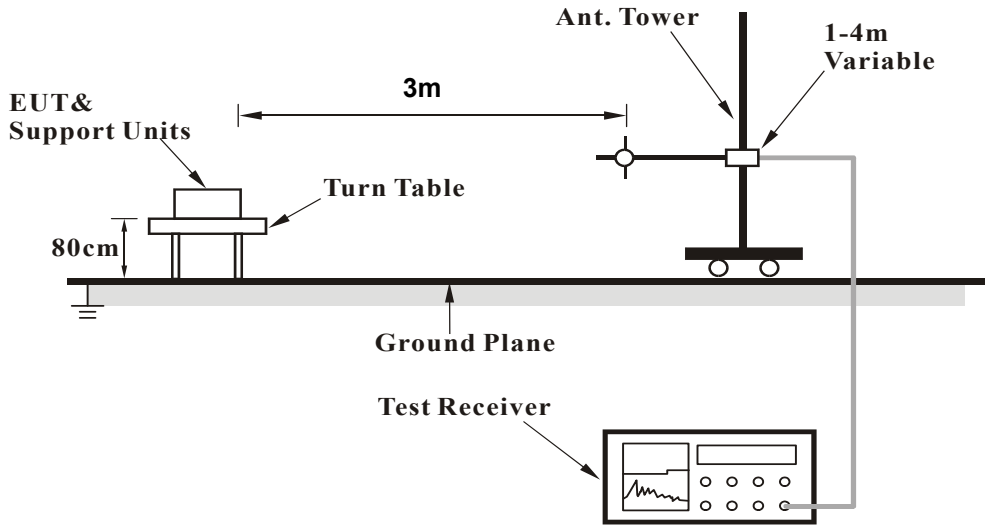
4.1.4 Test Setup

For radiated configuration:

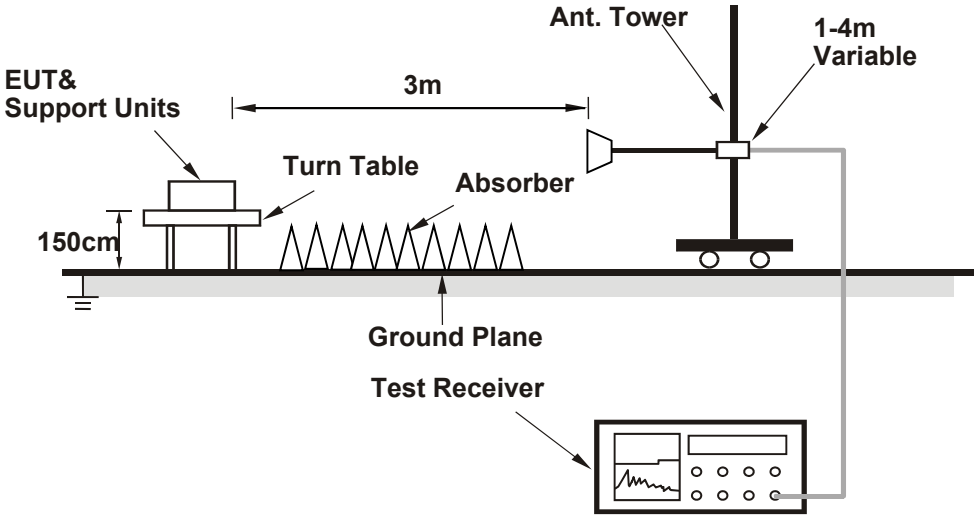
For Radiated emission below 30MHz



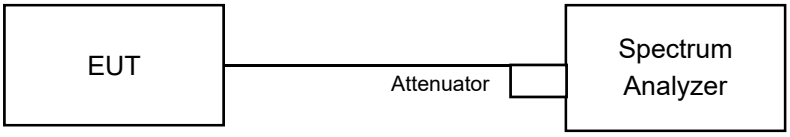
For Radiated emission 30MHz to 1GHz



For Radiated emission above 1GHz



For conducted configuration:



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

4.1.5 EUT Operating Condition

a. Connected the EUT with the Laptop which is placed on the testing table.
b. Controlling software (QRCT 4.0.00177.0) has been activated to set the EUT under transmission condition continuously.

4.1.6 Test Results (Radiated with 50 ohm load)

Radiated versus Conducted Measurement	
☐ Conducted measurement	☒ Radiated measurement

For Radiated measurement:

The level of unwanted emissions was measured when radiated by the cabinet or structure of the equipment with the antenna connector(s) terminated by a specified load (cabinet radiation)

For Conducted measurement:

The level of unwanted emissions was measured as their power in a specified load (conducted spurious emissions).

4.1.6.1 Test Results (Mode 1)

Above 1GHz Data:

RF Mode	TX 802.11a 6G	Channel	CH 2：5935 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	11870.00	39.1 PK	74.0	-34.9	1.62 H	229	25.8	13.3
2	11870.00	28.2 AV	54.0	-25.8	1.62 H	229	14.9	13.3
3	17805.00	47.3 PK	74.0	-26.7	1.78 H	44	27.1	20.2
4	17805.00	34.7 AV	54.0	-19.3	1.78 H	44	14.5	20.2
5	23740.00	48.6 PK	74.0	-25.4	2.08 H	154	51.3	-2.7
6	23740.00	37.1 AV	54.0	-16.9	2.08 H	154	39.8	-2.7
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	11870.00	38.7 PK	74.0	-35.3	1.63 V	78	25.4	13.3
2	11870.00	27.8 AV	54.0	-26.2	1.63 V	78	14.5	13.3
3	17805.00	54.1 PK	74.0	-19.9	2.21 V	78	33.9	20.2
4	17805.00	40.2 AV	54.0	-13.8	2.21 V	78	20.0	20.2
5	23740.00	45.3 PK	74.0	-28.7	1.98 V	150	48.0	-2.7
6	23740.00	34.6 AV	54.0	-19.4	1.98 V	150	37.3	-2.7

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.

RF Mode	TX 802.11a 6G	Channel	CH 1：5955 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	11910.00	39.5 PK	74.0	-34.5	1.70 H	225	26.1	13.4
2	11910.00	28.5 AV	54.0	-25.5	1.70 H	225	15.1	13.4
3	17865.00	47.2 PK	74.0	-26.8	1.76 H	35	25.5	21.7
4	17865.00	34.8 AV	54.0	-19.2	1.76 H	35	13.1	21.7
5	23820.00	48.5 PK	74.0	-25.5	2.11 H	127	51.0	-2.5
6	23820.00	37.1 AV	54.0	-16.9	2.11 H	127	39.6	-2.5
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	11910.00	39.4 PK	74.0	-34.6	1.68 V	64	26.0	13.4
2	11910.00	28.2 AV	54.0	-25.8	1.68 V	64	14.8	13.4
3	17865.00	54.8 PK	74.0	-19.2	2.17 V	68	33.1	21.7
4	**17865.00**	**40.7 AV**	**54.0**	**-13.3**	**2.17 V**	**68**	**19.0**	**21.7**
5	23820.00	45.5 PK	74.0	-28.5	1.96 V	136	48.0	-2.5
6	23820.00	35.0 AV	54.0	-19.0	1.96 V	136	37.5	-2.5

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.

RF Mode	TX 802.11a 6G	Channel	CH 45：6175 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	12350.00	39.5 PK	74.0	-34.5	1.64 H	249	26.5	13.0
2	12350.00	28.6 AV	54.0	-25.4	1.64 H	249	15.6	13.0
3	18525.00	45.9 PK	74.0	-28.1	1.84 H	34	53.1	-7.2
4	18525.00	33.9 AV	54.0	-20.1	1.84 H	34	41.1	-7.2
5	#24700.00	47.9 PK	88.2	-40.3	2.15 H	138	49.5	-1.6
6	#24700.00	36.6 AV	68.2	-31.6	2.15 H	138	38.2	-1.6
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	12350.00	38.1 PK	74.0	-35.9	1.59 V	78	25.1	13.0
2	12350.00	27.3 AV	54.0	-26.7	1.59 V	78	14.3	13.0
3	18525.00	53.8 PK	74.0	-20.2	2.18 V	79	61.0	-7.2
4	18525.00	39.9 AV	54.0	-14.1	2.18 V	79	47.1	-7.2
5	#24700.00	45.8 PK	88.2	-42.4	1.96 V	164	47.4	-1.6
6	#24700.00	34.9 AV	68.2	-33.3	1.96 V	164	36.5	-1.6

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a 6G	Channel	CH 93：6415 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#12830.00	39.8 PK	88.2	-48.4	1.63 H	242	26.4	13.4
2	#12830.00	28.9 AV	68.2	-39.3	1.63 H	242	15.5	13.4
3	19245.00	46.9 PK	74.0	-27.1	1.79 H	53	53.6	-6.7
4	19245.00	34.8 AV	54.0	-19.2	1.79 H	53	41.5	-6.7
5	#25660.00	48.4 PK	88.2	-39.8	2.12 H	144	50.0	-1.6
6	#25660.00	36.8 AV	68.2	-31.4	2.12 H	144	38.4	-1.6
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	#12830.00	39.0 PK	88.2	-49.2	1.57 V	70	25.6	13.4
2	#12830.00	27.9 AV	68.2	-40.3	1.57 V	70	14.5	13.4
3	19245.00	54.1 PK	74.0	-19.9	2.18 V	89	60.8	-6.7
4	19245.00	40.4 AV	54.0	-13.6	2.18 V	89	47.1	-6.7
5	#25660.00	45.7 PK	88.2	-42.5	1.97 V	137	47.3	-1.6
6	#25660.00	34.9 AV	68.2	-33.3	1.97 V	137	36.5	-1.6

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a 6G	Channel	CH 117：6535 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13070.00	38.9 PK	88.2	-49.3	1.68 H	244	25.5	13.4
2	#13070.00	27.9 AV	68.2	-40.3	1.68 H	244	14.5	13.4
3	19605.00	47.1 PK	74.0	-26.9	1.85 H	55	53.2	-6.1
4	19605.00	34.5 AV	54.0	-19.5	1.85 H	55	40.6	-6.1
5	#26140.00	48.5 PK	88.2	-39.7	2.04 H	131	49.8	-1.3
6	#26140.00	37.1 AV	68.2	-31.1	2.04 H	131	38.4	-1.3
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	#13070.00	38.2 PK	88.2	-50.0	1.61 V	76	24.8	13.4
2	#13070.00	27.3 AV	68.2	-40.9	1.61 V	76	13.9	13.4
3	19605.00	53.8 PK	74.0	-20.2	2.19 V	75	59.9	-6.1
4	19605.00	39.9 AV	54.0	-14.1	2.19 V	75	46.0	-6.1
5	#26140.00	45.5 PK	88.2	-42.7	1.94 V	149	46.8	-1.3
6	#26140.00	34.5 AV	68.2	-33.7	1.94 V	149	35.8	-1.3

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a 6G	Channel	CH 149：6695 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	13390.00	38.8 PK	74.0	-35.2	1.71 H	222	23.9	14.9
2	13390.00	27.9 AV	54.0	-26.1	1.71 H	222	13.0	14.9
3	20085.00	47.0 PK	74.0	-27.0	1.74 H	25	52.5	-5.5
4	20085.00	34.6 AV	54.0	-19.4	1.74 H	25	40.1	-5.5
5	#26780.00	47.8 PK	88.2	-40.4	2.13 H	132	48.7	-0.9
6	#26780.00	36.6 AV	68.2	-31.6	2.13 H	132	37.5	-0.9
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	13390.00	38.7 PK	74.0	-35.3	1.61 V	78	23.8	14.9
2	13390.00	27.9 AV	54.0	-26.1	1.61 V	78	13.0	14.9
3	20085.00	53.6 PK	74.0	-20.4	2.25 V	77	59.1	-5.5
4	20085.00	39.9 AV	54.0	-14.1	2.25 V	77	45.4	-5.5
5	#26780.00	45.7 PK	88.2	-42.5	2.02 V	145	46.6	-0.9
6	#26780.00	34.7 AV	68.2	-33.5	2.02 V	145	35.6	-0.9

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a 6G	Channel	CH 181：6855 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13710.00	40.3 PK	88.2	-47.9	1.69 H	227	24.6	15.7
2	#13710.00	28.9 AV	68.2	-39.3	1.69 H	227	13.2	15.7
3	20565.00	46.8 PK	74.0	-27.2	1.78 H	54	51.7	-4.9
4	20565.00	34.8 AV	54.0	-19.2	1.78 H	54	39.7	-4.9
5	#27420.00	49.0 PK	88.2	-39.2	2.14 H	147	50.6	-1.6
6	#27420.00	37.3 AV	68.2	-30.9	2.14 H	147	38.9	-1.6
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	#13710.00	38.6 PK	88.2	-49.6	1.60 V	81	22.9	15.7
2	#13710.00	27.6 AV	68.2	-40.6	1.60 V	81	11.9	15.7
3	20565.00	53.9 PK	74.0	-20.1	2.18 V	91	58.8	-4.9
4	20565.00	40.0 AV	54.0	-14.0	2.18 V	91	44.9	-4.9
5	#27420.00	45.5 PK	88.2	-42.7	2.00 V	146	47.1	-1.6
6	#27420.00	34.8 AV	68.2	-33.4	2.00 V	146	36.4	-1.6

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 2：5935 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	11870.00	40.1 PK	74.0	-33.9	1.71 H	251	26.8	13.3
2	11870.00	28.8 AV	54.0	-25.2	1.71 H	251	15.5	13.3
3	17805.00	46.1 PK	74.0	-27.9	1.74 H	52	25.9	20.2
4	17805.00	33.9 AV	54.0	-20.1	1.74 H	52	13.7	20.2
5	23740.00	48.8 PK	74.0	-25.2	2.07 H	132	51.5	-2.7
6	23740.00	37.2 AV	54.0	-16.8	2.07 H	132	39.9	-2.7
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	11870.00	38.9 PK	74.0	-35.1	1.61 V	62	25.6	13.3
2	11870.00	27.9 AV	54.0	-26.1	1.61 V	62	14.6	13.3
3	17805.00	54.4 PK	74.0	-19.6	2.25 V	68	34.2	20.2
4	**17805.00**	**40.7 AV**	**54.0**	**-13.3**	**2.25 V**	**68**	**20.5**	**20.2**
5	23740.00	45.1 PK	74.0	-28.9	2.00 V	150	47.8	-2.7
6	23740.00	34.2 AV	54.0	-19.8	2.00 V	150	36.9	-2.7

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.

RF Mode	TX 802.11ax (HE20)	Channel	CH 1：5955 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	11910.00	40.0 PK	74.0	-34.0	1.68 H	247	26.6	13.4
2	11910.00	28.8 AV	54.0	-25.2	1.68 H	247	15.4	13.4
3	17865.00	46.6 PK	74.0	-27.4	1.84 H	42	24.9	21.7
4	17865.00	34.0 AV	54.0	-20.0	1.84 H	42	12.3	21.7
5	23820.00	49.1 PK	74.0	-24.9	2.10 H	154	51.6	-2.5
6	23820.00	37.5 AV	54.0	-16.5	2.10 H	154	40.0	-2.5
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	11910.00	38.8 PK	74.0	-35.2	1.68 V	81	25.4	13.4
2	11910.00	28.0 AV	54.0	-26.0	1.68 V	81	14.6	13.4
3	17865.00	54.3 PK	74.0	-19.7	2.25 V	69	32.6	21.7
4	17865.00	40.6 AV	54.0	-13.4	2.25 V	69	18.9	21.7
5	23820.00	45.1 PK	74.0	-28.9	2.01 V	152	47.6	-2.5
6	23820.00	34.6 AV	54.0	-19.4	2.01 V	152	37.1	-2.5

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.

RF Mode	TX 802.11ax (HE20)	Channel	CH 45：6175 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	12350.00	39.6 PK	74.0	-34.4	1.73 H	227	26.6	13.0
2	12350.00	28.7 AV	54.0	-25.3	1.73 H	227	15.7	13.0
3	18525.00	46.5 PK	74.0	-27.5	1.85 H	42	53.7	-7.2
4	18525.00	34.5 AV	54.0	-19.5	1.85 H	42	41.7	-7.2
5	#24700.00	48.0 PK	88.2	-40.2	2.11 H	130	49.6	-1.6
6	#24700.00	36.7 AV	68.2	-31.5	2.11 H	130	38.3	-1.6
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	12350.00	39.0 PK	74.0	-35.0	1.61 V	72	26.0	13.0
2	12350.00	27.9 AV	54.0	-26.1	1.61 V	72	14.9	13.0
3	18525.00	54.2 PK	74.0	-19.8	2.24 V	63	61.4	-7.2
4	18525.00	40.6 AV	54.0	-13.4	2.24 V	63	47.8	-7.2
5	#24700.00	45.8 PK	88.2	-42.4	1.93 V	142	47.4	-1.6
6	#24700.00	34.9 AV	68.2	-33.3	1.93 V	142	36.5	-1.6

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 93：6415 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#12830.00	39.2 PK	88.2	-49.0	1.64 H	224	25.8	13.4
2	#12830.00	28.3 AV	68.2	-39.9	1.64 H	224	14.9	13.4
3	19245.00	47.0 PK	74.0	-27.0	1.76 H	53	53.7	-6.7
4	19245.00	34.4 AV	54.0	-19.6	1.76 H	53	41.1	-6.7
5	#25660.00	48.5 PK	88.2	-39.7	2.09 H	125	50.1	-1.6
6	#25660.00	37.1 AV	68.2	-31.1	2.09 H	125	38.7	-1.6
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	#12830.00	38.8 PK	88.2	-49.4	1.67 V	83	25.4	13.4
2	#12830.00	28.1 AV	68.2	-40.1	1.67 V	83	14.7	13.4
3	19245.00	54.4 PK	74.0	-19.6	2.20 V	77	61.1	-6.7
4	19245.00	40.4 AV	54.0	-13.6	2.20 V	77	47.1	-6.7
5	#25660.00	45.5 PK	88.2	-42.7	1.96 V	141	47.1	-1.6
6	#25660.00	34.9 AV	68.2	-33.3	1.96 V	141	36.5	-1.6

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 117：6535 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13070.00	40.1 PK	88.2	-48.1	1.63 H	221	26.7	13.4
2	#13070.00	28.8 AV	68.2	-39.4	1.63 H	221	15.4	13.4
3	19605.00	47.1 PK	74.0	-26.9	1.74 H	52	53.2	-6.1
4	19605.00	34.8 AV	54.0	-19.2	1.74 H	52	40.9	-6.1
5	#26140.00	48.6 PK	88.2	-39.6	2.06 H	131	49.9	-1.3
6	#26140.00	37.0 AV	68.2	-31.2	2.06 H	131	38.3	-1.3
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	#13070.00	39.1 PK	88.2	-49.1	1.65 V	73	25.7	13.4
2	#13070.00	28.1 AV	68.2	-40.1	1.65 V	73	14.7	13.4
3	19605.00	54.0 PK	74.0	-20.0	2.24 V	63	60.1	-6.1
4	19605.00	39.9 AV	54.0	-14.1	2.24 V	63	46.0	-6.1
5	#26140.00	45.8 PK	88.2	-42.4	1.96 V	161	47.1	-1.3
6	#26140.00	35.0 AV	68.2	-33.2	1.96 V	161	36.3	-1.3

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 149：6695 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	13390.00	39.8 PK	74.0	-34.2	1.65 H	233	24.9	14.9
2	13390.00	28.6 AV	54.0	-25.4	1.65 H	233	13.7	14.9
3	20085.00	46.3 PK	74.0	-27.7	1.78 H	32	51.8	-5.5
4	20085.00	34.0 AV	54.0	-20.0	1.78 H	32	39.5	-5.5
5	#26780.00	48.3 PK	88.2	-39.9	2.09 H	133	49.2	-0.9
6	#26780.00	36.6 AV	68.2	-31.6	2.09 H	133	37.5	-0.9
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	13390.00	38.1 PK	74.0	-35.9	1.61 V	75	23.2	14.9
2	13390.00	27.4 AV	54.0	-26.6	1.61 V	75	12.5	14.9
3	20085.00	54.7 PK	74.0	-19.3	2.25 V	90	60.2	-5.5
4	20085.00	40.5 AV	54.0	-13.5	2.25 V	90	46.0	-5.5
5	#26780.00	45.0 PK	88.2	-43.2	2.01 V	159	45.9	-0.9
6	#26780.00	34.2 AV	68.2	-34.0	2.01 V	159	35.1	-0.9

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 181：6855 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13710.00	39.3 PK	88.2	-48.9	1.70 H	249	23.6	15.7
2	#13710.00	28.5 AV	68.2	-39.7	1.70 H	249	12.8	15.7
3	20565.00	46.6 PK	74.0	-27.4	1.80 H	54	51.5	-4.9
4	20565.00	34.4 AV	54.0	-19.6	1.80 H	54	39.3	-4.9
5	#27420.00	48.8 PK	88.2	-39.4	2.08 H	127	50.4	-1.6
6	#27420.00	37.2 AV	68.2	-31.0	2.08 H	127	38.8	-1.6
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	#13710.00	38.3 PK	88.2	-49.9	1.67 V	88	22.6	15.7
2	#13710.00	27.6 AV	68.2	-40.6	1.67 V	88	11.9	15.7
3	20565.00	54.0 PK	74.0	-20.0	2.16 V	65	58.9	-4.9
4	20565.00	40.3 AV	54.0	-13.7	2.16 V	65	45.2	-4.9
5	#27420.00	45.0 PK	88.2	-43.2	1.92 V	153	46.6	-1.6
6	#27420.00	34.5 AV	68.2	-33.7	1.92 V	153	36.1	-1.6

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 3：5965 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	11930.00	39.9 PK	74.0	-34.1	1.61 H	234	26.6	13.3
2	11930.00	28.9 AV	54.0	-25.1	1.61 H	234	15.6	13.3
3	17895.00	47.0 PK	74.0	-27.0	1.82 H	41	24.4	22.6
4	17895.00	34.7 AV	54.0	-19.3	1.82 H	41	12.1	22.6
5	23860.00	48.1 PK	74.0	-25.9	2.13 H	135	50.4	-2.3
6	23860.00	37.0 AV	54.0	-17.0	2.13 H	135	39.3	-2.3
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	11930.00	38.9 PK	74.0	-35.1	1.59 V	86	25.6	13.3
2	11930.00	27.8 AV	54.0	-26.2	1.59 V	86	14.5	13.3
3	17895.00	53.9 PK	74.0	-20.1	2.25 V	89	31.3	22.6
4	17895.00	40.1 AV	54.0	-13.9	2.25 V	89	17.5	22.6
5	23860.00	45.5 PK	74.0	-28.5	1.94 V	164	47.8	-2.3
6	23860.00	34.8 AV	54.0	-19.2	1.94 V	164	37.1	-2.3

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.

RF Mode	TX 802.11ax (HE40)	Channel	CH 43：6165 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	12330.00	39.9 PK	74.0	-34.1	1.69 H	235	26.8	13.1
2	12330.00	28.6 AV	54.0	-25.4	1.69 H	235	15.5	13.1
3	18495.00	47.0 PK	74.0	-27.0	1.84 H	46	54.3	-7.3
4	18495.00	34.6 AV	54.0	-19.4	1.84 H	46	41.9	-7.3
5	#24660.00	48.9 PK	88.2	-39.3	2.07 H	133	50.7	-1.8
6	#24660.00	37.4 AV	68.2	-30.8	2.07 H	133	39.2	-1.8
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	12330.00	38.0 PK	74.0	-36.0	1.65 V	89	24.9	13.1
2	12330.00	27.4 AV	54.0	-26.6	1.65 V	89	14.3	13.1
3	18495.00	53.9 PK	74.0	-20.1	2.18 V	80	61.2	-7.3
4	18495.00	40.2 AV	54.0	-13.8	2.18 V	80	47.5	-7.3
5	#24660.00	45.5 PK	88.2	-42.7	1.99 V	146	47.3	-1.8
6	#24660.00	35.0 AV	68.2	-33.2	1.99 V	146	36.8	-1.8

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 91：6405 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#12810.00	39.8 PK	88.2	-48.4	1.62 H	222	26.3	13.5
2	#12810.00	28.4 AV	68.2	-39.8	1.62 H	222	14.9	13.5
3	19215.00	46.2 PK	74.0	-27.8	1.77 H	41	52.9	-6.7
4	19215.00	34.0 AV	54.0	-20.0	1.77 H	41	40.7	-6.7
5	#25620.00	48.0 PK	88.2	-40.2	2.11 H	126	49.7	-1.7
6	#25620.00	36.5 AV	68.2	-31.7	2.11 H	126	38.2	-1.7
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	#12810.00	39.0 PK	88.2	-49.2	1.67 V	85	25.5	13.5
2	#12810.00	28.0 AV	68.2	-40.2	1.67 V	85	14.5	13.5
3	19215.00	53.7 PK	74.0	-20.3	2.21 V	91	60.4	-6.7
4	19215.00	39.8 AV	54.0	-14.2	2.21 V	91	46.5	-6.7
5	#25620.00	45.1 PK	88.2	-43.1	1.95 V	164	46.8	-1.7
6	#25620.00	34.7 AV	68.2	-33.5	1.95 V	164	36.4	-1.7

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 123：6565 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13130.00	39.3 PK	88.2	-48.9	1.67 H	243	25.8	13.5
2	#13130.00	28.0 AV	68.2	-40.2	1.67 H	243	14.5	13.5
3	19695.00	46.6 PK	74.0	-27.4	1.76 H	46	52.6	-6.0
4	19695.00	34.0 AV	54.0	-20.0	1.76 H	46	40.0	-6.0
5	#26260.00	48.1 PK	88.2	-40.1	2.07 H	153	49.5	-1.4
6	#26260.00	36.9 AV	68.2	-31.3	2.07 H	153	38.3	-1.4
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	#13130.00	38.6 PK	88.2	-49.6	1.59 V	88	25.1	13.5
2	#13130.00	27.9 AV	68.2	-40.3	1.59 V	88	14.4	13.5
3	19695.00	53.8 PK	74.0	-20.2	2.25 V	72	59.8	-6.0
4	19695.00	39.8 AV	54.0	-14.2	2.25 V	72	45.8	-6.0
5	#26260.00	45.1 PK	88.2	-43.1	1.99 V	137	46.5	-1.4
6	#26260.00	34.3 AV	68.2	-33.9	1.99 V	137	35.7	-1.4

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 155：6725 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13450.00	39.4 PK	88.2	-48.8	1.71 H	238	24.6	14.8
2	#13450.00	28.5 AV	68.2	-39.7	1.71 H	238	13.7	14.8
3	20175.00	46.3 PK	74.0	-27.7	1.82 H	28	51.7	-5.4
4	20175.00	33.9 AV	54.0	-20.1	1.82 H	28	39.3	-5.4
5	#26900.00	48.2 PK	88.2	-40.0	2.13 H	141	49.5	-1.3
6	#26900.00	36.9 AV	68.2	-31.3	2.13 H	141	38.2	-1.3
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	#13450.00	38.6 PK	88.2	-49.6	1.57 V	92	23.8	14.8
2	#13450.00	27.5 AV	68.2	-40.7	1.57 V	92	12.7	14.8
3	20175.00	54.3 PK	74.0	-19.7	2.16 V	89	59.7	-5.4
4	20175.00	40.1 AV	54.0	-13.9	2.16 V	89	45.5	-5.4
5	#26900.00	45.5 PK	88.2	-42.7	2.01 V	164	46.8	-1.3
6	#26900.00	34.7 AV	68.2	-33.5	2.01 V	164	36.0	-1.3

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 179：6845 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13690.00	39.8 PK	88.2	-48.4	1.67 H	247	24.3	15.5
2	#13690.00	28.5 AV	68.2	-39.7	1.67 H	247	13.0	15.5
3	20535.00	46.2 PK	74.0	-27.8	1.78 H	29	51.1	-4.9
4	20535.00	33.9 AV	54.0	-20.1	1.78 H	29	38.8	-4.9
5	#27380.00	48.4 PK	88.2	-39.8	2.13 H	126	50.1	-1.7
6	#27380.00	37.0 AV	68.2	-31.2	2.13 H	126	38.7	-1.7
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	#13690.00	38.7 PK	88.2	-49.5	1.58 V	70	23.2	15.5
2	#13690.00	27.6 AV	68.2	-40.6	1.58 V	70	12.1	15.5
3	20535.00	53.8 PK	74.0	-20.2	2.26 V	89	58.7	-4.9
4	20535.00	40.2 AV	54.0	-13.8	2.26 V	89	45.1	-4.9
5	#27380.00	45.6 PK	88.2	-42.6	2.03 V	140	47.3	-1.7
6	#27380.00	34.6 AV	68.2	-33.6	2.03 V	140	36.3	-1.7

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 7：5985 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	11970.00	39.8 PK	74.0	-34.2	1.67 H	227	26.4	13.4
2	11970.00	28.8 AV	54.0	-25.2	1.67 H	227	15.4	13.4
3	17955.00	46.1 PK	74.0	-27.9	1.76 H	49	21.8	24.3
4	17955.00	33.9 AV	54.0	-20.1	1.76 H	49	9.6	24.3
5	23940.00	48.0 PK	74.0	-26.0	2.08 H	144	50.3	-2.3
6	23940.00	36.5 AV	54.0	-17.5	2.08 H	144	38.8	-2.3
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	11970.00	38.5 PK	74.0	-35.5	1.68 V	73	25.1	13.4
2	11970.00	27.6 AV	54.0	-26.4	1.68 V	73	14.2	13.4
3	17955.00	54.2 PK	74.0	-19.8	2.27 V	63	29.9	24.3
4	17955.00	40.3 AV	54.0	-13.7	2.27 V	63	16.0	24.3
5	23940.00	45.1 PK	74.0	-28.9	2.02 V	159	47.4	-2.3
6	23940.00	34.6 AV	54.0	-19.4	2.02 V	159	36.9	-2.3

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.

RF Mode	TX 802.11ax (HE80)	Channel	CH 39：6145 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	12290.00	39.1 PK	74.0	-34.9	1.63 H	232	25.8	13.3
2	12290.00	28.0 AV	54.0	-26.0	1.63 H	232	14.7	13.3
3	18435.00	46.0 PK	74.0	-28.0	1.81 H	49	53.2	-7.2
4	18435.00	34.0 AV	54.0	-20.0	1.81 H	49	41.2	-7.2
5	#24580.00	48.5 PK	88.2	-39.7	2.04 H	148	50.4	-1.9
6	#24580.00	37.2 AV	68.2	-31.0	2.04 H	148	39.1	-1.9
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	12290.00	38.7 PK	74.0	-35.3	1.59 V	90	25.4	13.3
2	12290.00	27.6 AV	54.0	-26.4	1.59 V	90	14.3	13.3
3	18435.00	53.9 PK	74.0	-20.1	2.26 V	74	61.1	-7.2
4	18435.00	40.1 AV	54.0	-13.9	2.26 V	74	47.3	-7.2
5	#24580.00	45.1 PK	88.2	-43.1	1.93 V	150	47.0	-1.9
6	#24580.00	34.3 AV	68.2	-33.9	1.93 V	150	36.2	-1.9

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 87：6385 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#12770.00	39.3 PK	88.2	-48.9	1.70 H	238	26.0	13.3
2	#12770.00	28.1 AV	68.2	-40.1	1.70 H	238	14.8	13.3
3	19155.00	46.4 PK	74.0	-27.6	1.78 H	54	53.1	-6.7
4	19155.00	34.4 AV	54.0	-19.6	1.78 H	54	41.1	-6.7
5	#25540.00	48.7 PK	88.2	-39.5	2.03 H	149	50.4	-1.7
6	#25540.00	37.2 AV	68.2	-31.0	2.03 H	149	38.9	-1.7
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	#12770.00	39.2 PK	88.2	-49.0	1.67 V	71	25.9	13.3
2	#12770.00	28.2 AV	68.2	-40.0	1.67 V	71	14.9	13.3
3	19155.00	54.0 PK	74.0	-20.0	2.19 V	79	60.7	-6.7
4	19155.00	40.3 AV	54.0	-13.7	2.19 V	79	47.0	-6.7
5	#25540.00	44.5 PK	88.2	-43.7	2.01 V	158	46.2	-1.7
6	#25540.00	34.1 AV	68.2	-34.1	2.01 V	158	35.8	-1.7

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 135：6625 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	13250.00	39.3 PK	74.0	-34.7	1.70 H	236	25.0	14.3
2	13250.00	28.2 AV	54.0	-25.8	1.70 H	236	13.9	14.3
3	19875.00	46.9 PK	74.0	-27.1	1.80 H	40	53.0	-6.1
4	19875.00	34.5 AV	54.0	-19.5	1.80 H	40	40.6	-6.1
5	#26500.00	48.5 PK	88.2	-39.7	2.12 H	132	49.3	-0.8
6	#26500.00	37.4 AV	68.2	-30.8	2.12 H	132	38.2	-0.8
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	13250.00	39.1 PK	74.0	-34.9	1.64 V	72	24.8	14.3
2	13250.00	28.2 AV	54.0	-25.8	1.64 V	72	13.9	14.3
3	19875.00	53.4 PK	74.0	-20.6	2.22 V	75	59.5	-6.1
4	19875.00	39.8 AV	54.0	-14.2	2.22 V	75	45.9	-6.1
5	#26500.00	45.5 PK	88.2	-42.7	2.01 V	159	46.3	-0.8
6	#26500.00	35.0 AV	68.2	-33.2	2.01 V	159	35.8	-0.8

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 151：6705 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13410.00	39.5 PK	88.2	-48.7	1.66 H	236	24.7	14.8
2	#13410.00	28.3 AV	68.2	-39.9	1.66 H	236	13.5	14.8
3	20115.00	46.5 PK	74.0	-27.5	1.82 H	56	52.0	-5.5
4	20115.00	34.4 AV	54.0	-19.6	1.82 H	56	39.9	-5.5
5	#26820.00	48.4 PK	88.2	-39.8	2.07 H	150	49.4	-1.0
6	#26820.00	37.2 AV	68.2	-31.0	2.07 H	150	38.2	-1.0
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	#13410.00	39.1 PK	88.2	-49.1	1.64 V	72	24.3	14.8
2	#13410.00	28.2 AV	68.2	-40.0	1.64 V	72	13.4	14.8
3	20115.00	54.1 PK	74.0	-19.9	2.21 V	82	59.6	-5.5
4	20115.00	40.4 AV	54.0	-13.6	2.21 V	82	45.9	-5.5
5	#26820.00	44.9 PK	88.2	-43.3	1.96 V	138	45.9	-1.0
6	#26820.00	34.5 AV	68.2	-33.7	1.96 V	138	35.5	-1.0

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 167：6785 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13570.00	39.9 PK	88.2	-48.3	1.64 H	251	25.0	14.9
2	#13570.00	28.6 AV	68.2	-39.6	1.64 H	251	13.7	14.9
3	20355.00	47.0 PK	74.0	-27.0	1.78 H	53	52.6	-5.6
4	20355.00	34.9 AV	54.0	-19.1	1.78 H	53	40.5	-5.6
5	#27140.00	48.3 PK	88.2	-39.9	2.10 H	126	49.6	-1.3
6	#27140.00	36.8 AV	68.2	-31.4	2.10 H	126	38.1	-1.3
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	#13570.00	38.2 PK	88.2	-50.0	1.64 V	72	23.3	14.9
2	#13570.00	27.3 AV	68.2	-40.9	1.64 V	72	12.4	14.9
3	20355.00	54.3 PK	74.0	-19.7	2.17 V	84	59.9	-5.6
4	20355.00	40.5 AV	54.0	-13.5	2.17 V	84	46.1	-5.6
5	#27140.00	45.4 PK	88.2	-42.8	1.98 V	162	46.7	-1.3
6	#27140.00	34.4 AV	68.2	-33.8	1.98 V	162	35.7	-1.3

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE160)	Channel	CH 15：6025 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	12050.00	39.0 PK	74.0	-35.0	1.67 H	228	25.8	13.2
2	12050.00	28.0 AV	54.0	-26.0	1.67 H	228	14.8	13.2
3	18075.00	46.6 PK	74.0	-27.4	1.81 H	52	40.0	6.6
4	18075.00	34.3 AV	54.0	-19.7	1.81 H	52	27.7	6.6
5	#24100.00	48.5 PK	88.2	-39.7	2.07 H	126	51.0	-2.5
6	#24100.00	37.0 AV	68.2	-31.2	2.07 H	126	39.5	-2.5
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	12050.00	38.7 PK	74.0	-35.3	1.60 V	82	25.5	13.2
2	12050.00	28.0 AV	54.0	-26.0	1.60 V	82	14.8	13.2
3	18075.00	54.2 PK	74.0	-19.8	2.15 V	87	47.6	6.6
4	18075.00	40.4 AV	54.0	-13.6	2.15 V	87	33.8	6.6
5	#24100.00	45.4 PK	88.2	-42.8	2.00 V	163	47.9	-2.5
6	#24100.00	35.0 AV	68.2	-33.2	2.00 V	163	37.5	-2.5

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE160)	Channel	CH 47：6185 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	12370.00	39.5 PK	74.0	-34.5	1.72 H	248	26.5	13.0
2	12370.00	28.4 AV	54.0	-25.6	1.72 H	248	15.4	13.0
3	18555.00	46.4 PK	74.0	-27.6	1.83 H	42	53.6	-7.2
4	18555.00	33.9 AV	54.0	-20.1	1.83 H	42	41.1	-7.2
5	#24740.00	48.4 PK	88.2	-39.8	2.13 H	132	50.1	-1.7
6	#24740.00	37.0 AV	68.2	-31.2	2.13 H	132	38.7	-1.7
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	12370.00	37.9 PK	74.0	-36.1	1.67 V	67	24.9	13.0
2	12370.00	27.3 AV	54.0	-26.7	1.67 V	67	14.3	13.0
3	18555.00	54.2 PK	74.0	-19.8	2.19 V	82	61.4	-7.2
4	18555.00	40.5 AV	54.0	-13.5	2.19 V	82	47.7	-7.2
5	#24740.00	45.4 PK	88.2	-42.8	2.01 V	135	47.1	-1.7
6	#24740.00	35.0 AV	68.2	-33.2	2.01 V	135	36.7	-1.7

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE160)	Channel	CH 79：6345 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	12690.00	39.0 PK	74.0	-35.0	1.66 H	246	26.3	12.7
2	12690.00	27.9 AV	54.0	-26.1	1.66 H	246	15.2	12.7
3	19035.00	46.0 PK	74.0	-28.0	1.77 H	40	52.9	-6.9
4	19035.00	34.0 AV	54.0	-20.0	1.77 H	40	40.9	-6.9
5	#25380.00	48.2 PK	88.2	-40.0	2.07 H	156	50.0	-1.8
6	#25380.00	36.5 AV	68.2	-31.7	2.07 H	156	38.3	-1.8
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	12690.00	38.9 PK	74.0	-35.1	1.64 V	72	26.2	12.7
2	12690.00	27.9 AV	54.0	-26.1	1.64 V	72	15.2	12.7
3	19035.00	54.4 PK	74.0	-19.6	2.15 V	91	61.3	-6.9
4	19035.00	40.3 AV	54.0	-13.7	2.15 V	91	47.2	-6.9
5	#25380.00	45.5 PK	88.2	-42.7	1.92 V	148	47.3	-1.8
6	#25380.00	35.0 AV	68.2	-33.2	1.92 V	148	36.8	-1.8

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE160)	Channel	CH 143：6665 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	13330.00	39.5 PK	74.0	-34.5	1.67 H	236	24.7	14.8
2	13330.00	28.4 AV	54.0	-25.6	1.67 H	236	13.6	14.8
3	19995.00	46.7 PK	74.0	-27.3	1.79 H	41	52.4	-5.7
4	19995.00	34.4 AV	54.0	-19.6	1.79 H	41	40.1	-5.7
5	#26660.00	48.4 PK	88.2	-39.8	2.09 H	141	49.0	-0.6
6	#26660.00	37.0 AV	68.2	-31.2	2.09 H	141	37.6	-0.6
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	13330.00	38.7 PK	74.0	-35.3	1.66 V	91	23.9	14.8
2	13330.00	27.5 AV	54.0	-26.5	1.66 V	91	12.7	14.8
3	19995.00	53.9 PK	74.0	-20.1	2.19 V	68	59.6	-5.7
4	19995.00	39.9 AV	54.0	-14.1	2.19 V	68	45.6	-5.7
5	#26660.00	45.5 PK	88.2	-42.7	1.98 V	138	46.1	-0.6
6	#26660.00	34.8 AV	68.2	-33.4	1.98 V	138	35.4	-0.6

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. " # ": The radiated frequency is out of the restricted band.

20MHz Preamble
RU26

RF Mode	TX 20MHz Preamble 802.11ax (RU26)	Channel	CH 2：5935 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	11870.00	43.3 PK	74.0	-30.7	1.48 H	357	30.0	13.3
2	11870.00	31.2 AV	54.0	-22.8	1.48 H	357	17.9	13.3
3	17805.00	44.8 PK	74.0	-29.2	1.60 H	39	24.6	20.2
4	17805.00	33.1 AV	54.0	-20.9	1.60 H	39	12.9	20.2
5	23740.00	49.3 PK	74.0	-24.7	1.98 H	106	52.0	-2.7
6	23740.00	38.4 AV	54.0	-15.6	1.98 H	106	41.1	-2.7
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	11870.00	41.4 PK	74.0	-32.6	3.76 V	107	28.1	13.3
2	11870.00	29.4 AV	54.0	-24.6	3.76 V	107	16.1	13.3
3	17805.00	42.9 PK	74.0	-31.1	2.42 V	107	22.7	20.2
4	17805.00	31.5 AV	54.0	-22.5	2.42 V	107	11.3	20.2
5	23740.00	46.9 PK	74.0	-27.1	1.77 V	153	49.6	-2.7
6	23740.00	34.7 AV	54.0	-19.3	1.77 V	153	37.4	-2.7

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.

RF Mode	TX 20MHz Preamble 802.11ax (RU26)	Channel	CH 1：5955 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	11910.00	42.2 PK	74.0	-31.8	1.51 H	343	28.8	13.4
2	11910.00	30.4 AV	54.0	-23.6	1.51 H	343	17.0	13.4
3	17865.00	45.0 PK	74.0	-29.0	1.69 H	20	23.3	21.7
4	17865.00	33.7 AV	54.0	-20.3	1.69 H	20	12.0	21.7
5	23820.00	49.2 PK	74.0	-24.8	1.99 H	109	51.7	-2.5
6	23820.00	38.3 AV	54.0	-15.7	1.99 H	109	40.8	-2.5
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	11910.00	42.0 PK	74.0	-32.0	3.73 V	105	28.6	13.4
2	11910.00	30.0 AV	54.0	-24.0	3.73 V	105	16.6	13.4
3	17865.00	43.0 PK	74.0	-31.0	2.31 V	99	21.3	21.7
4	17865.00	31.4 AV	54.0	-22.6	2.31 V	99	9.7	21.7
5	23820.00	46.7 PK	74.0	-27.3	1.88 V	145	49.2	-2.5
6	23820.00	34.4 AV	54.0	-19.6	1.88 V	145	36.9	-2.5

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.

RF Mode	TX 20MHz Preamble 802.11ax (RU26)	Channel	CH 45：6175 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	12350.00	42.8 PK	74.0	-31.2	1.47 H	360	29.8	13.0
2	12350.00	30.8 AV	54.0	-23.2	1.47 H	360	17.8	13.0
3	18525.00	44.9 PK	74.0	-29.1	1.66 H	30	52.1	-7.2
4	18525.00	33.6 AV	54.0	-20.4	1.66 H	30	40.8	-7.2
5	#24700.00	49.0 PK	88.2	-39.2	1.90 H	107	50.6	-1.6
6	#24700.00	38.2 AV	68.2	-30.0	1.90 H	107	39.8	-1.6
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	12350.00	41.3 PK	74.0	-32.7	3.78 V	97	28.3	13.0
2	12350.00	29.3 AV	54.0	-24.7	3.78 V	97	16.3	13.0
3	18525.00	43.2 PK	74.0	-30.8	2.41 V	98	50.4	-7.2
4	18525.00	32.1 AV	54.0	-21.9	2.41 V	98	39.3	-7.2
5	#24700.00	46.3 PK	88.2	-41.9	1.80 V	140	47.9	-1.6
6	#24700.00	34.0 AV	68.2	-34.2	1.80 V	140	35.6	-1.6

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU26)	Channel	CH 93：6415 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#12830.00	42.8 PK	88.2	-45.4	1.55 H	360	29.4	13.4
2	#12830.00	31.1 AV	68.2	-37.1	1.55 H	360	17.7	13.4
3	19245.00	45.0 PK	74.0	-29.0	1.65 H	24	51.7	-6.7
4	19245.00	33.2 AV	54.0	-20.8	1.65 H	24	39.9	-6.7
5	#25660.00	49.7 PK	88.2	-38.5	1.91 H	106	51.3	-1.6
6	#25660.00	38.5 AV	68.2	-29.7	1.91 H	106	40.1	-1.6
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	#12830.00	41.6 PK	88.2	-46.6	3.78 V	120	28.2	13.4
2	#12830.00	29.5 AV	68.2	-38.7	3.78 V	120	16.1	13.4
3	19245.00	43.3 PK	74.0	-30.7	2.32 V	102	50.0	-6.7
4	19245.00	32.2 AV	54.0	-21.8	2.32 V	102	38.9	-6.7
5	#25660.00	47.0 PK	88.2	-41.2	1.78 V	139	48.6	-1.6
6	#25660.00	34.3 AV	68.2	-33.9	1.78 V	139	35.9	-1.6

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU26)	Channel	CH 117：6535 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13070.00	42.9 PK	88.2	-45.3	1.54 H	350	29.5	13.4
2	#13070.00	30.7 AV	68.2	-37.5	1.54 H	350	17.3	13.4
3	19605.00	45.3 PK	74.0	-28.7	1.60 H	31	51.4	-6.1
4	19605.00	33.5 AV	54.0	-20.5	1.60 H	31	39.6	-6.1
5	#26140.00	49.3 PK	88.2	-38.9	1.89 H	108	50.6	-1.3
6	#26140.00	38.5 AV	68.2	-29.7	1.89 H	108	39.8	-1.3
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	#13070.00	42.0 PK	88.2	-46.2	3.73 V	118	28.6	13.4
2	#13070.00	29.8 AV	68.2	-38.4	3.73 V	118	16.4	13.4
3	19605.00	43.5 PK	74.0	-30.5	2.35 V	109	49.6	-6.1
4	19605.00	32.0 AV	54.0	-22.0	2.35 V	109	38.1	-6.1
5	#26140.00	46.4 PK	88.2	-41.8	1.88 V	146	47.7	-1.3
6	#26140.00	34.2 AV	68.2	-34.0	1.88 V	146	35.5	-1.3

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU26)	Channel	CH 149：6695 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	13390.00	42.8 PK	74.0	-31.2	1.50 H	339	27.9	14.9
2	13390.00	30.7 AV	54.0	-23.3	1.50 H	339	15.8	14.9
3	20085.00	45.2 PK	74.0	-28.8	1.70 H	29	50.7	-5.5
4	20085.00	33.9 AV	54.0	-20.1	1.70 H	29	39.4	-5.5
5	#26780.00	49.4 PK	88.2	-38.8	1.90 H	95	50.3	-0.9
6	#26780.00	38.4 AV	68.2	-29.8	1.90 H	95	39.3	-0.9
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	13390.00	41.7 PK	74.0	-32.3	3.82 V	105	26.8	14.9
2	13390.00	29.9 AV	54.0	-24.1	3.82 V	105	15.0	14.9
3	20085.00	42.4 PK	74.0	-31.6	2.42 V	100	47.9	-5.5
4	20085.00	31.3 AV	54.0	-22.7	2.42 V	100	36.8	-5.5
5	#26780.00	47.1 PK	88.2	-41.1	1.88 V	149	48.0	-0.9
6	#26780.00	34.8 AV	68.2	-33.4	1.88 V	149	35.7	-0.9

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU26)	Channel	CH 181：6855 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13710.00	42.7 PK	88.2	-45.5	1.51 H	340	27.0	15.7
2	#13710.00	30.9 AV	68.2	-37.3	1.51 H	340	15.2	15.7
3	20565.00	45.3 PK	74.0	-28.7	1.67 H	43	50.2	-4.9
4	20565.00	34.0 AV	54.0	-20.0	1.67 H	43	38.9	-4.9
5	#27420.00	49.3 PK	88.2	-38.9	1.91 H	97	50.9	-1.6
6	#27420.00	38.3 AV	68.2	-29.9	1.91 H	97	39.9	-1.6
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	#13710.00	41.5 PK	88.2	-46.7	3.83 V	121	25.8	15.7
2	#13710.00	29.3 AV	68.2	-38.9	3.83 V	121	13.6	15.7
3	20565.00	43.0 PK	74.0	-31.0	2.36 V	113	47.9	-4.9
4	20565.00	31.5 AV	54.0	-22.5	2.36 V	113	36.4	-4.9
5	#27420.00	46.8 PK	88.2	-41.4	1.85 V	161	48.4	-1.6
6	#27420.00	34.2 AV	68.2	-34.0	1.85 V	161	35.8	-1.6

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. " # ": The radiated frequency is out of the restricted band.

RU242

RF Mode	TX 20MHz Preamble 802.11ax (RU242)	Channel	CH 2：5935 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	11870.00	41.1 PK	74.0	-32.9	1.48 H	322	29.7	11.4
2	11870.00	29.0 AV	54.0	-25.0	1.48 H	322	17.6	11.4
3	17805.00	44.8 PK	74.0	-29.2	2.59 H	236	24.3	20.5
4	17805.00	33.7 AV	54.0	-20.3	2.59 H	236	13.2	20.5
5	23740.00	50.2 PK	74.0	-23.8	2.03 H	171	53.5	-3.3
6	23740.00	37.9 AV	54.0	-16.1	2.03 H	171	41.2	-3.3
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	11870.00	44.5 PK	74.0	-29.5	3.95 V	83	33.1	11.4
2	11870.00	32.5 AV	54.0	-21.5	3.95 V	83	21.1	11.4
3	17805.00	44.6 PK	74.0	-29.4	2.25 V	116	24.1	20.5
4	17805.00	31.7 AV	54.0	-22.3	2.25 V	116	11.2	20.5
5	23740.00	46.6 PK	74.0	-27.4	1.93 V	121	49.9	-3.3
6	23740.00	35.1 AV	54.0	-18.9	1.93 V	121	38.4	-3.3

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU242)	Channel	CH 1：5955 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	11910.00	41.3 PK	74.0	-32.7	1.43 H	324	29.8	11.5
2	11910.00	29.0 AV	54.0	-25.0	1.43 H	324	17.5	11.5
3	17865.00	45.0 PK	74.0	-29.0	2.65 H	246	23.4	21.6
4	17865.00	34.2 AV	54.0	-19.8	2.65 H	246	12.6	21.6
5	23820.00	49.2 PK	74.0	-24.8	1.95 H	162	52.5	-3.3
6	23820.00	37.3 AV	54.0	-16.7	1.95 H	162	40.6	-3.3
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	11910.00	44.5 PK	74.0	-29.5	3.86 V	99	33.0	11.5
2	11910.00	32.5 AV	54.0	-21.5	3.86 V	99	21.0	11.5
3	17865.00	44.3 PK	74.0	-29.7	2.29 V	125	22.7	21.6
4	17865.00	31.3 AV	54.0	-22.7	2.29 V	125	9.7	21.6
5	23820.00	46.1 PK	74.0	-27.9	1.91 V	143	49.4	-3.3
6	23820.00	34.3 AV	54.0	-19.7	1.91 V	143	37.6	-3.3

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU242)	Channel	CH 45：6175 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	12350.00	41.1 PK	74.0	-32.9	1.46 H	321	30.5	10.6
2	12350.00	28.7 AV	54.0	-25.3	1.46 H	321	18.1	10.6
3	18525.00	45.2 PK	74.0	-28.8	2.57 H	229	51.8	-6.6
4	18525.00	34.1 AV	54.0	-19.9	2.57 H	229	40.7	-6.6
5	#24700.00	49.7 PK	88.2	-38.5	1.97 H	160	51.8	-2.1
6	#24700.00	37.9 AV	68.2	-30.3	1.97 H	160	40.0	-2.1
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	12350.00	44.1 PK	74.0	-29.9	3.90 V	89	33.5	10.6
2	12350.00	32.1 AV	54.0	-21.9	3.90 V	89	21.5	10.6
3	18525.00	43.6 PK	74.0	-30.4	2.31 V	133	50.2	-6.6
4	18525.00	30.7 AV	54.0	-23.3	2.31 V	133	37.3	-6.6
5	#24700.00	46.7 PK	88.2	-41.5	1.88 V	132	48.8	-2.1
6	#24700.00	35.0 AV	68.2	-33.2	1.88 V	132	37.1	-2.1

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU242)	Channel	CH 93：6415 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#12830.00	41.3 PK	88.2	-46.9	1.48 H	310	30.5	10.8
2	#12830.00	28.9 AV	68.2	-39.3	1.48 H	310	18.1	10.8
3	19245.00	45.1 PK	74.0	-28.9	2.61 H	224	51.7	-6.6
4	19245.00	34.0 AV	54.0	-20.0	2.61 H	224	40.6	-6.6
5	#25660.00	49.9 PK	88.2	-38.3	1.99 H	149	51.2	-1.3
6	#25660.00	37.6 AV	68.2	-30.6	1.99 H	149	38.9	-1.3
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	#12830.00	43.9 PK	88.2	-44.3	3.94 V	98	33.1	10.8
2	#12830.00	31.7 AV	68.2	-36.5	3.94 V	98	20.9	10.8
3	19245.00	43.7 PK	74.0	-30.3	2.25 V	113	50.3	-6.6
4	19245.00	30.8 AV	54.0	-23.2	2.25 V	113	37.4	-6.6
5	#25660.00	46.7 PK	88.2	-41.5	1.88 V	142	48.0	-1.3
6	#25660.00	34.9 AV	68.2	-33.3	1.88 V	142	36.2	-1.3

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU242)	Channel	CH 117：6535 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13070.00	41.1 PK	88.2	-47.1	1.39 H	313	30.0	11.1
2	#13070.00	28.8 AV	68.2	-39.4	1.39 H	313	17.7	11.1
3	19605.00	45.0 PK	74.0	-29.0	2.62 H	230	51.2	-6.2
4	19605.00	33.7 AV	54.0	-20.3	2.62 H	230	39.9	-6.2
5	#26140.00	50.1 PK	88.2	-38.1	2.06 H	168	51.1	-1.0
6	#26140.00	37.9 AV	68.2	-30.3	2.06 H	168	38.9	-1.0
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	#13070.00	44.5 PK	88.2	-43.7	3.89 V	97	33.4	11.1
2	#13070.00	32.1 AV	68.2	-36.1	3.89 V	97	21.0	11.1
3	19605.00	44.5 PK	74.0	-29.5	2.32 V	128	50.7	-6.2
4	19605.00	31.6 AV	54.0	-22.4	2.32 V	128	37.8	-6.2
5	#26140.00	46.1 PK	88.2	-42.1	1.90 V	132	47.1	-1.0
6	#26140.00	34.4 AV	68.2	-33.8	1.90 V	132	35.4	-1.0

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU242)	Channel	CH 149：6695 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	13390.00	41.2 PK	74.0	-32.8	1.42 H	342	28.9	12.3
2	13390.00	28.8 AV	54.0	-25.2	1.42 H	342	16.5	12.3
3	20085.00	45.2 PK	74.0	-28.8	2.66 H	239	50.9	-5.7
4	20085.00	34.2 AV	54.0	-19.8	2.66 H	239	39.9	-5.7
5	#26780.00	49.3 PK	88.2	-38.9	2.03 H	174	49.9	-0.6
6	#26780.00	37.3 AV	68.2	-30.9	2.03 H	174	37.9	-0.6
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	13390.00	44.0 PK	74.0	-30.0	3.91 V	78	31.7	12.3
2	13390.00	31.8 AV	54.0	-22.2	3.91 V	78	19.5	12.3
3	20085.00	44.1 PK	74.0	-29.9	2.25 V	131	49.8	-5.7
4	20085.00	31.3 AV	54.0	-22.7	2.25 V	131	37.0	-5.7
5	#26780.00	45.6 PK	88.2	-42.6	1.86 V	137	46.2	-0.6
6	#26780.00	34.3 AV	68.2	-33.9	1.86 V	137	34.9	-0.6

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU242)	Channel	CH 181：6855 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13710.00	41.2 PK	88.2	-47.0	1.43 H	320	28.1	13.1
2	#13710.00	29.1 AV	68.2	-39.1	1.43 H	320	16.0	13.1
3	20565.00	45.0 PK	74.0	-29.0	2.60 H	232	50.1	-5.1
4	20565.00	34.0 AV	54.0	-20.0	2.60 H	232	39.1	-5.1
5	#27420.00	49.5 PK	88.2	-38.7	2.00 H	158	51.0	-1.5
6	#27420.00	37.5 AV	68.2	-30.7	2.00 H	158	39.0	-1.5
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	#13710.00	43.8 PK	88.2	-44.4	3.90 V	74	30.7	13.1
2	#13710.00	31.9 AV	68.2	-36.3	3.90 V	74	18.8	13.1
3	20565.00	43.5 PK	74.0	-30.5	2.30 V	131	48.6	-5.1
4	20565.00	30.8 AV	54.0	-23.2	2.30 V	131	35.9	-5.1
5	#27420.00	46.5 PK	88.2	-41.7	1.90 V	133	48.0	-1.5
6	#27420.00	35.0 AV	68.2	-33.2	1.90 V	133	36.5	-1.5

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. " # ": The radiated frequency is out of the restricted band.

40MHz Preamble
RU26

RF Mode	TX 40MHz Preamble 802.11ax (RU26)	Channel	CH 3：5965 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	11930.00	42.8 PK	74.0	-31.2	1.51 H	350	29.5	13.3
2	11930.00	30.8 AV	54.0	-23.2	1.51 H	350	17.5	13.3
3	17895.00	45.1 PK	74.0	-28.9	1.64 H	29	22.5	22.6
4	17895.00	33.6 AV	54.0	-20.4	1.64 H	29	11.0	22.6
5	23860.00	49.6 PK	74.0	-24.4	1.94 H	99	51.9	-2.3
6	23860.00	38.6 AV	54.0	-15.4	1.94 H	99	40.9	-2.3
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	11930.00	42.1 PK	74.0	-31.9	3.80 V	99	28.8	13.3
2	11930.00	30.0 AV	54.0	-24.0	3.80 V	99	16.7	13.3
3	17895.00	43.4 PK	74.0	-30.6	2.34 V	114	20.8	22.6
4	17895.00	32.1 AV	54.0	-21.9	2.34 V	114	9.5	22.6
5	23860.00	46.6 PK	74.0	-27.4	1.78 V	161	48.9	-2.3
6	23860.00	34.2 AV	54.0	-19.8	1.78 V	161	36.5	-2.3

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.

RF Mode	TX 40MHz Preamble 802.11ax (RU26)	Channel	CH 43：6165 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	12330.00	42.3 PK	74.0	-31.7	1.53 H	360	29.2	13.1
2	12330.00	30.5 AV	54.0	-23.5	1.53 H	360	17.4	13.1
3	18495.00	45.4 PK	74.0	-28.6	1.65 H	29	52.7	-7.3
4	18495.00	33.9 AV	54.0	-20.1	1.65 H	29	41.2	-7.3
5	#24660.00	50.2 PK	88.2	-38.0	1.97 H	108	52.0	-1.8
6	#24660.00	39.1 AV	68.2	-29.1	1.97 H	108	40.9	-1.8
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	12330.00	41.7 PK	74.0	-32.3	3.83 V	94	28.6	13.1
2	12330.00	29.9 AV	54.0	-24.1	3.83 V	94	16.8	13.1
3	18495.00	43.0 PK	74.0	-31.0	2.34 V	86	50.3	-7.3
4	18495.00	31.9 AV	54.0	-22.1	2.34 V	86	39.2	-7.3
5	#24660.00	46.8 PK	88.2	-41.4	1.79 V	154	48.6	-1.8
6	#24660.00	34.4 AV	68.2	-33.8	1.79 V	154	36.2	-1.8

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 40MHz Preamble 802.11ax (RU26)	Channel	CH 91：6405 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#12810.00	42.6 PK	88.2	-45.6	1.49 H	344	29.1	13.5
2	#12810.00	30.6 AV	68.2	-37.6	1.49 H	344	17.1	13.5
3	19215.00	45.5 PK	74.0	-28.5	1.59 H	20	52.2	-6.7
4	19215.00	34.0 AV	54.0	-20.0	1.59 H	20	40.7	-6.7
5	#25620.00	50.0 PK	88.2	-38.2	1.92 H	85	51.7	-1.7
6	#25620.00	38.9 AV	68.2	-29.3	1.92 H	85	40.6	-1.7
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	#12810.00	41.5 PK	88.2	-46.7	3.78 V	109	28.0	13.5
2	#12810.00	29.4 AV	68.2	-38.8	3.78 V	109	15.9	13.5
3	19215.00	42.9 PK	74.0	-31.1	2.33 V	114	49.6	-6.7
4	19215.00	31.8 AV	54.0	-22.2	2.33 V	114	38.5	-6.7
5	#25620.00	47.1 PK	88.2	-41.1	1.79 V	151	48.8	-1.7
6	#25620.00	34.5 AV	68.2	-33.7	1.79 V	151	36.2	-1.7

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 40MHz Preamble 802.11ax (RU26)	Channel	CH 123：6565 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13130.00	42.4 PK	88.2	-45.8	1.56 H	344	28.9	13.5
2	#13130.00	30.5 AV	68.2	-37.7	1.56 H	344	17.0	13.5
3	19695.00	44.9 PK	74.0	-29.1	1.66 H	28	50.9	-6.0
4	19695.00	33.2 AV	54.0	-20.8	1.66 H	28	39.2	-6.0
5	#26260.00	49.7 PK	88.2	-38.5	1.97 H	109	51.1	-1.4
6	#26260.00	38.9 AV	68.2	-29.3	1.97 H	109	40.3	-1.4
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	#13130.00	42.4 PK	88.2	-45.8	3.78 V	107	28.9	13.5
2	#13130.00	30.1 AV	68.2	-38.1	3.78 V	107	16.6	13.5
3	19695.00	42.3 PK	74.0	-31.7	2.36 V	107	48.3	-6.0
4	19695.00	31.2 AV	54.0	-22.8	2.36 V	107	37.2	-6.0
5	#26260.00	47.3 PK	88.2	-40.9	1.83 V	147	48.7	-1.4
6	#26260.00	34.6 AV	68.2	-33.6	1.83 V	147	36.0	-1.4

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 40MHz Preamble 802.11ax (RU26)	Channel	CH 155：6725 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13450.00	43.2 PK	88.2	-45.0	1.53 H	360	28.4	14.8
2	#13450.00	31.1 AV	68.2	-37.1	1.53 H	360	16.3	14.8
3	20175.00	45.6 PK	74.0	-28.4	1.66 H	25	51.0	-5.4
4	20175.00	33.8 AV	54.0	-20.2	1.66 H	25	39.2	-5.4
5	#26900.00	49.4 PK	88.2	-38.8	1.89 H	88	50.7	-1.3
6	#26900.00	38.3 AV	68.2	-29.9	1.89 H	88	39.6	-1.3
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	#13450.00	41.7 PK	88.2	-46.5	3.74 V	101	26.9	14.8
2	#13450.00	29.7 AV	68.2	-38.5	3.74 V	101	14.9	14.8
3	20175.00	43.2 PK	74.0	-30.8	2.33 V	95	48.6	-5.4
4	20175.00	32.0 AV	54.0	-22.0	2.33 V	95	37.4	-5.4
5	#26900.00	46.8 PK	88.2	-41.4	1.76 V	154	48.1	-1.3
6	#26900.00	34.3 AV	68.2	-33.9	1.76 V	154	35.6	-1.3

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 40MHz Preamble 802.11ax (RU26)	Channel	CH 179：6845 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13690.00	43.3 PK	88.2	-44.9	1.56 H	360	27.8	15.5
2	#13690.00	31.0 AV	68.2	-37.2	1.56 H	360	15.5	15.5
3	20535.00	45.0 PK	74.0	-29.0	1.63 H	38	49.9	-4.9
4	20535.00	33.4 AV	54.0	-20.6	1.63 H	38	38.3	-4.9
5	#27380.00	49.1 PK	88.2	-39.1	1.90 H	84	50.8	-1.7
6	#27380.00	38.2 AV	68.2	-30.0	1.90 H	84	39.9	-1.7
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	#13690.00	41.7 PK	88.2	-46.5	3.78 V	107	26.2	15.5
2	#13690.00	29.7 AV	68.2	-38.5	3.78 V	107	14.2	15.5
3	20535.00	43.0 PK	74.0	-31.0	2.37 V	99	47.9	-4.9
4	20535.00	31.7 AV	54.0	-22.3	2.37 V	99	36.6	-4.9
5	#27380.00	46.8 PK	88.2	-41.4	1.82 V	150	48.5	-1.7
6	#27380.00	34.4 AV	68.2	-33.8	1.82 V	150	36.1	-1.7

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. " # ": The radiated frequency is out of the restricted band.

RU484

RF Mode	TX 40MHz Preamble 802.11ax (RU484)	Channel	CH 3：5965 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	11930.00	43.1 PK	74.0	-30.9	1.49 H	326	31.6	11.5
2	11930.00	31.1 AV	54.0	-22.9	1.49 H	326	19.6	11.5
3	17895.00	44.6 PK	74.0	-29.4	1.62 H	24	22.5	22.1
4	17895.00	32.8 AV	54.0	-21.2	1.62 H	24	10.7	22.1
5	23860.00	48.8 PK	74.0	-25.2	1.89 H	96	52.1	-3.3
6	23860.00	38.0 AV	54.0	-16.0	1.89 H	96	41.3	-3.3
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	11930.00	41.3 PK	74.0	-32.7	3.81 V	96	29.8	11.5
2	11930.00	29.6 AV	54.0	-24.4	3.81 V	96	18.1	11.5
3	17895.00	44.0 PK	74.0	-30.0	2.38 V	100	21.9	22.1
4	17895.00	32.5 AV	54.0	-21.5	2.38 V	100	10.4	22.1
5	23860.00	47.7 PK	74.0	-26.3	1.86 V	165	51.0	-3.3
6	23860.00	35.8 AV	54.0	-18.2	1.86 V	165	39.1	-3.3

Remarks:

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

RF Mode	TX 40MHz Preamble 802.11ax (RU484)	Channel	CH 43：6165 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	12330.00	42.3 PK	74.0	-31.7	1.47 H	327	31.6	10.7
2	12330.00	30.4 AV	54.0	-23.6	1.47 H	327	19.7	10.7
3	18495.00	45.0 PK	74.0	-29.0	1.58 H	35	51.6	-6.6
4	18495.00	33.7 AV	54.0	-20.3	1.58 H	35	40.3	-6.6
5	#24660.00	49.5 PK	88.2	-38.7	1.93 H	93	51.6	-2.1
6	#24660.00	38.9 AV	68.2	-29.3	1.93 H	93	41.0	-2.1
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	12330.00	40.8 PK	74.0	-33.2	3.82 V	77	30.1	10.7
2	12330.00	29.0 AV	54.0	-25.0	3.82 V	77	18.3	10.7
3	18495.00	43.0 PK	74.0	-31.0	2.33 V	114	49.6	-6.6
4	18495.00	31.8 AV	54.0	-22.2	2.33 V	114	38.4	-6.6
5	#24660.00	46.9 PK	88.2	-41.3	1.84 V	153	49.0	-2.1
6	#24660.00	34.8 AV	68.2	-33.4	1.84 V	153	36.9	-2.1

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 40MHz Preamble 802.11ax (RU484)	Channel	CH 91：6405 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#12810.00	41.8 PK	88.2	-46.4	1.47 H	356	31.0	10.8
2	#12810.00	30.2 AV	68.2	-38.0	1.47 H	356	19.4	10.8
3	19215.00	44.8 PK	74.0	-29.2	1.61 H	22	51.3	-6.5
4	19215.00	33.0 AV	54.0	-21.0	1.61 H	22	39.5	-6.5
5	#25620.00	49.4 PK	88.2	-38.8	1.94 H	72	50.7	-1.3
6	#25620.00	38.7 AV	68.2	-29.5	1.94 H	72	40.0	-1.3
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	#12810.00	41.1 PK	88.2	-47.1	3.82 V	88	30.3	10.8
2	#12810.00	29.1 AV	68.2	-39.1	3.82 V	88	18.3	10.8
3	19215.00	44.0 PK	74.0	-30.0	2.30 V	102	50.5	-6.5
4	19215.00	32.6 AV	54.0	-21.4	2.30 V	102	39.1	-6.5
5	#25620.00	47.2 PK	88.2	-41.0	1.78 V	171	48.5	-1.3
6	#25620.00	35.2 AV	68.2	-33.0	1.78 V	171	36.5	-1.3

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 40MHz Preamble 802.11ax (RU484)	Channel	CH 123：6565 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13130.00	42.8 PK	88.2	-45.4	1.53 H	327	31.4	11.4
2	#13130.00	30.7 AV	68.2	-37.5	1.53 H	327	19.3	11.4
3	19695.00	45.2 PK	74.0	-28.8	1.60 H	29	51.4	-6.2
4	19695.00	33.7 AV	54.0	-20.3	1.60 H	29	39.9	-6.2
5	#26260.00	49.4 PK	88.2	-38.8	1.87 H	92	50.4	-1.0
6	#26260.00	38.3 AV	68.2	-29.9	1.87 H	92	39.3	-1.0
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	#13130.00	41.9 PK	88.2	-46.3	3.78 V	82	30.5	11.4
2	#13130.00	29.7 AV	68.2	-38.5	3.78 V	82	18.3	11.4
3	19695.00	43.9 PK	74.0	-30.1	2.32 V	117	50.1	-6.2
4	19695.00	32.6 AV	54.0	-21.4	2.32 V	117	38.8	-6.2
5	#26260.00	47.1 PK	88.2	-41.1	1.77 V	151	48.1	-1.0
6	#26260.00	34.8 AV	68.2	-33.4	1.77 V	151	35.8	-1.0

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 40MHz Preamble 802.11ax (RU484)	Channel	CH 155：6725 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13450.00	42.6 PK	88.2	-45.6	1.51 H	345	30.0	12.6
2	#13450.00	30.9 AV	68.2	-37.3	1.51 H	345	18.3	12.6
3	20175.00	45.1 PK	74.0	-28.9	1.60 H	21	50.5	-5.4
4	20175.00	33.6 AV	54.0	-20.4	1.60 H	21	39.0	-5.4
5	#26900.00	49.6 PK	88.2	-38.6	1.95 H	89	50.6	-1.0
6	#26900.00	38.8 AV	68.2	-29.4	1.95 H	89	39.8	-1.0
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	#13450.00	41.9 PK	88.2	-46.3	3.82 V	79	29.3	12.6
2	#13450.00	29.8 AV	68.2	-38.4	3.82 V	79	17.2	12.6
3	20175.00	43.9 PK	74.0	-30.1	2.37 V	113	49.3	-5.4
4	20175.00	32.4 AV	54.0	-21.6	2.37 V	113	37.8	-5.4
5	#26900.00	47.2 PK	88.2	-41.0	1.74 V	151	48.2	-1.0
6	#26900.00	35.2 AV	68.2	-33.0	1.74 V	151	36.2	-1.0

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 40MHz Preamble 802.11ax (RU484)	Channel	CH 179：6845 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13690.00	41.9 PK	88.2	-46.3	1.48 H	331	28.7	13.2
2	#13690.00	30.4 AV	68.2	-37.8	1.48 H	331	17.2	13.2
3	20535.00	44.9 PK	74.0	-29.1	1.61 H	6	50.1	-5.2
4	20535.00	33.4 AV	54.0	-20.6	1.61 H	6	38.6	-5.2
5	#27380.00	49.1 PK	88.2	-39.1	1.93 H	70	50.5	-1.4
6	#27380.00	38.3 AV	68.2	-29.9	1.93 H	70	39.7	-1.4
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	#13690.00	41.4 PK	88.2	-46.8	3.82 V	92	28.2	13.2
2	#13690.00	29.5 AV	68.2	-38.7	3.82 V	92	16.3	13.2
3	20535.00	43.5 PK	74.0	-30.5	2.33 V	113	48.7	-5.2
4	20535.00	32.2 AV	54.0	-21.8	2.33 V	113	37.4	-5.2
5	#27380.00	47.4 PK	88.2	-40.8	1.80 V	159	48.8	-1.4
6	#27380.00	35.3 AV	68.2	-32.9	1.80 V	159	36.7	-1.4

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. " # ": The radiated frequency is out of the restricted band.

80MHz Preamble
RU996

RF Mode	TX 80MHz Preamble 802.11ax (RU996)	Channel	CH 7：5985 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	11970.00	41.9 PK	74.0	-32.1	1.54 H	288	30.6	11.3
2	11970.00	29.8 AV	54.0	-24.2	1.54 H	288	18.5	11.3
3	17955.00	45.0 PK	74.0	-29.0	1.52 H	33	21.4	23.6
4	17955.00	33.4 AV	54.0	-20.6	1.52 H	33	9.8	23.6
5	23940.00	49.7 PK	74.0	-24.3	2.13 H	63	52.8	-3.1
6	23940.00	38.0 AV	54.0	-16.0	2.13 H	63	41.1	-3.1
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	11970.00	40.8 PK	74.0	-33.2	3.85 V	104	29.5	11.3
2	11970.00	29.4 AV	54.0	-24.6	3.85 V	104	18.1	11.3
3	17955.00	44.1 PK	74.0	-29.9	2.17 V	117	20.5	23.6
4	17955.00	31.5 AV	54.0	-22.5	2.17 V	117	7.9	23.6
5	23940.00	45.9 PK	74.0	-28.1	1.99 V	131	49.0	-3.1
6	23940.00	35.4 AV	54.0	-18.6	1.99 V	131	38.5	-3.1

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.

RF Mode	TX 80MHz Preamble 802.11ax (RU996)	Channel	CH 39：6145 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	12290.00	41.6 PK	74.0	-32.4	1.54 H	285	30.7	10.9
2	12290.00	29.4 AV	54.0	-24.6	1.54 H	285	18.5	10.9
3	18435.00	44.9 PK	74.0	-29.1	1.58 H	46	51.5	-6.6
4	18435.00	33.4 AV	54.0	-20.6	1.58 H	46	40.0	-6.6
5	#24580.00	49.8 PK	88.2	-38.4	2.13 H	61	52.1	-2.3
6	#24580.00	37.9 AV	68.2	-30.3	2.13 H	61	40.2	-2.3
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	12290.00	41.2 PK	74.0	-32.8	3.81 V	96	30.3	10.9
2	12290.00	29.5 AV	54.0	-24.5	3.81 V	96	18.6	10.9
3	18435.00	44.3 PK	74.0	-29.7	2.21 V	106	50.9	-6.6
4	18435.00	31.8 AV	54.0	-22.2	2.21 V	106	38.4	-6.6
5	#24580.00	46.4 PK	88.2	-41.8	2.00 V	143	48.7	-2.3
6	#24580.00	35.9 AV	68.2	-32.3	2.00 V	143	38.2	-2.3

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 80MHz Preamble 802.11ax (RU996)	Channel	CH 87：6385 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#12770.00	41.7 PK	88.2	-46.5	1.53 H	300	30.9	10.8
2	#12770.00	29.7 AV	68.2	-38.5	1.53 H	300	18.9	10.8
3	19155.00	45.0 PK	74.0	-29.0	1.47 H	24	51.5	-6.5
4	19155.00	33.1 AV	54.0	-20.9	1.47 H	24	39.6	-6.5
5	#25540.00	49.6 PK	88.2	-38.6	2.13 H	78	51.0	-1.4
6	#25540.00	37.9 AV	68.2	-30.3	2.13 H	78	39.3	-1.4
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	#12770.00	41.0 PK	88.2	-47.2	3.81 V	114	30.2	10.8
2	#12770.00	29.4 AV	68.2	-38.8	3.81 V	114	18.6	10.8
3	19155.00	43.7 PK	74.0	-30.3	2.21 V	112	50.2	-6.5
4	19155.00	31.2 AV	54.0	-22.8	2.21 V	112	37.7	-6.5
5	#25540.00	46.0 PK	88.2	-42.2	2.02 V	128	47.4	-1.4
6	#25540.00	35.7 AV	68.2	-32.5	2.02 V	128	37.1	-1.4

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 80MHz Preamble 802.11ax (RU996)	Channel	CH 135：6625 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	13250.00	41.7 PK	74.0	-32.3	1.56 H	292	29.9	11.8
2	13250.00	29.6 AV	54.0	-24.4	1.56 H	292	17.8	11.8
3	19875.00	45.0 PK	74.0	-29.0	1.46 H	18	51.0	-6.0
4	19875.00	33.2 AV	54.0	-20.8	1.46 H	18	39.2	-6.0
5	#26500.00	49.6 PK	88.2	-38.6	2.19 H	62	50.0	-0.4
6	#26500.00	37.9 AV	68.2	-30.3	2.19 H	62	38.3	-0.4
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	13250.00	40.4 PK	74.0	-33.6	3.83 V	119	28.6	11.8
2	13250.00	29.0 AV	54.0	-25.0	3.83 V	119	17.2	11.8
3	19875.00	44.3 PK	74.0	-29.7	2.21 V	126	50.3	-6.0
4	19875.00	31.8 AV	54.0	-22.2	2.21 V	126	37.8	-6.0
5	#26500.00	45.7 PK	88.2	-42.5	1.94 V	146	46.1	-0.4
6	#26500.00	35.1 AV	68.2	-33.1	1.94 V	146	35.5	-0.4

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 80MHz Preamble 802.11ax (RU996)	Channel	CH 151：6705 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13410.00	42.1 PK	88.2	-46.1	1.48 H	285	29.8	12.3
2	#13410.00	30.0 AV	68.2	-38.2	1.48 H	285	17.7	12.3
3	20115.00	44.6 PK	74.0	-29.4	1.49 H	26	50.1	-5.5
4	20115.00	33.2 AV	54.0	-20.8	1.49 H	26	38.7	-5.5
5	#26820.00	49.5 PK	88.2	-38.7	2.11 H	47	50.3	-0.8
6	#26820.00	37.9 AV	68.2	-30.3	2.11 H	47	38.7	-0.8
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	#13410.00	41.3 PK	88.2	-46.9	3.82 V	102	29.0	12.3
2	#13410.00	29.8 AV	68.2	-38.4	3.82 V	102	17.5	12.3
3	20115.00	44.4 PK	74.0	-29.6	2.15 V	122	49.9	-5.5
4	20115.00	31.6 AV	54.0	-22.4	2.15 V	122	37.1	-5.5
5	#26820.00	45.2 PK	88.2	-43.0	2.00 V	133	46.0	-0.8
6	#26820.00	34.9 AV	68.2	-33.3	2.00 V	133	35.7	-0.8

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. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 80MHz Preamble 802.11ax (RU996)	Channel	CH 167：6785 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) 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	#13570.00	42.6 PK	88.2	-45.6	1.59 H	292	29.6	13.0
2	#13570.00	30.3 AV	68.2	-37.9	1.59 H	292	17.3	13.0
3	20355.00	45.0 PK	74.0	-29.0	1.58 H	46	50.5	-5.5
4	20355.00	33.3 AV	54.0	-20.7	1.58 H	46	38.8	-5.5
5	#27140.00	49.6 PK	88.2	-38.6	2.07 H	50	51.0	-1.4
6	#27140.00	37.8 AV	68.2	-30.4	2.07 H	50	39.2	-1.4
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	#13570.00	41.2 PK	88.2	-47.0	3.80 V	90	28.2	13.0
2	#13570.00	29.8 AV	68.2	-38.4	3.80 V	90	16.8	13.0
3	20355.00	44.3 PK	74.0	-29.7	2.16 V	108	49.8	-5.5
4	20355.00	31.5 AV	54.0	-22.5	2.16 V	108	37.0	-5.5
5	#27140.00	45.3 PK	88.2	-42.9	1.94 V	129	46.7	-1.4
6	#27140.00	35.0 AV	68.2	-33.2	1.94 V	129	36.4	-1.4

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. " # ": The radiated frequency is out of the restricted band.