

FCC Test Report

Report No.: RFBARR-WTW-P20110181E-5

FCC ID: RAS-MT7921K

Test Model: MT7921K

Received Date: Apr. 27, 2021

Test Date: Apr. 27 to May 04, 2021

Issued Date: May 25, 2021

Applicant: MediaTek Inc.

Address: No. 1, Duxing 1st Rd., East District, Hsinchu City 300, Taiwan

Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Hsin Chu Laboratory

Lab Address: E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300,
Taiwan

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
RFBARR-WTW-P20110181E-5	Original release.	May 25, 2021

1 Certificate of Conformity

Product: 2TX 11ax (WiFi6E) + BT/BLE Combo Card

Brand: MediaTek

Test Model: MT7921K

Sample Status: Engineering sample

Applicant: MediaTek Inc.

Test Date: Apr. 27 to May 04, 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:** May 25, 2021
Vivian Huang / Specialist

Approved by : Clark Lin , **Date:** May 25, 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	N/A	Refer to Note 1 below
15.407(b)(5) (8)	Radiated Emissions	PASS	Meet the requirement of limit. Minimum passing margin is -4.5 dB at 7125.00 MHz.
15.407(b)(6)	In-Band Emission (Mask)	N/A	Refer to Note 1 below
15.407(a) (4/5/6/7/8)	Max Average Transmit Power	N/A	Refer to Note 1 below
15.407(a)(10)	Emission Bandwidth Measurement	N/A	Refer to Note 1 below
15.407(a) (4/5/6/7/8)	Peak Power Spectral Density	N/A	Refer to Note 1 below
15.407 (d)(6)	Contention-based Protocol.	N/A	Refer to Note 1 below
15.407(g)	Frequency Stability	N/A	Refer to Note 1 below
15.407(a)(7) (8)	Dual Client- Proper Power Adjustment	N/A	Device associates with low power indoor AP only.
15.407(d)(5)	Operational restrictions for 6 GHz U-NII devices	N/A	Refer to Note 1 below
15.203	Antenna Requirement	PASS	Antenna connector is R-SMA or i-pex(MHF) or RP SMA PLUG not a standard connector.

Note:

1. Radiated Emissions was performed for this addendum. The others testing data refer to original test report.
2. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
3. This report is prepared for supplementary report.

2.1 Measurement Uncertainty

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

Measurement	Frequency	Expanded Uncertainty (k=2) (\pm)
Radiated Emissions up to 1 GHz	9kHz ~ 30MHz	3.1 dB
	30MHz ~ 1GHz	5.4 dB
Radiated Emissions above 1 GHz	1GHz ~ 18GHz	5.0 dB
	18GHz ~ 40GHz	5.3 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	2TX 11ax (WiFi6E) + BT/BLE Combo Card
Brand	MediaTek
Test Model	MT7921K
Status of EUT	Engineering sample
Power Supply Rating	3.3Vdc from host equipment
Modulation Type	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode and VHT20/40 in 2.4GHz 1024QAM for OFDMA in 11ax HE mode
Modulation Technology	DSSS, OFDM, OFDMA
Transfer Rate	802.11b: up to 11 Mbps 802.11a/g: up to 54 Mbps 802.11n: up to 300 Mbps 802.11ac: up to 866.7 Mbps 802.11ax: up to 1201.0 Mbps
Operating Frequency	2.4GHz: 2.412 ~ 2.472GHz 5GHz: 5.18~5.32GHz, 5.50~5.72GHz, 5.745 ~ 5.825GHz 6GHz: 5.955 ~ 6.415GHz, 6.435 ~ 6.525GHz, 6.525 ~ 6.875GHz, 6.875 ~ 7.115GHz
Number of Channel	2.4GHz: 802.11b, 802.11g, 802.11n (HT20), VHT20, 802.11ax (HE20): 13 802.11n (HT40), VHT40, 802.11ax (HE40): 9 5GHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 25 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 12 802.11ac (VHT80), 802.11ax (HE80): 6 6GHz: 802.11ax (HE20): 59 802.11ax (HE40): 29 802.11ax (HE80): 14
Output Power	2.412 ~ 2.472 GHz: 815.903 mW 5.18 ~ 5.24 GHz: 143.816 mW 5.26 ~ 5.32GHz: 147.866 mW 5.5 ~ 5.72GHz: 156.514 mW 5.745 ~ 5.825 GHz: 193.138 mW 5.955 ~ 6.415GHz: 10.446 mW (EIRP: 14.95 dBm / 31.26 mW) 6.435 ~ 6.525GHz: 10.988 mW (EIRP: 14.70 dBm / 29.512 mW) 6.525 ~ 6.875GHz: 10.743 mW (EIRP: 14.92 dBm / 31.046 mW) 6.875 ~ 7.115GHz: 11.986 mW (EIRP: 14.88 dBm / 30.761 mW)
Antenna Type	Refer to Note
Antenna Connector	Refer to Note
Accessory Device	NA
Data Cable Supplied	NA

Note:

1. This report is prepared for FCC class II change. The difference compared with the Report No.: RFBARR-WTW-P20110181B-5 as the following:

◆ Added antenna set 5.

2. According to above condition, therefore only Radiated Emissions Measurement test items for Dipole antenna (Ant. Set 5) need to be performed, and all data was verified to meet the requirements.

3. Simultaneously transmission condition.

Condition	Technology	
1	WLAN (2.4GHz)	Bluetooth
2	WLAN (5GHz / 6GHz)	Bluetooth

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

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

Original										
Ant. Set	RF Chain No.	Brand	Model	Ant. Net Gain (dBi)	Freq. Range (GHz)	Ant. Type	Connector Type	Cable Length (mm)	Cable Loss (dB)	Excluding Cable Loss Ant. Gain (dBi)
1	Chain0	Cortec	AN2450-4902BRS	2.42 3.87	2.4~2.4835 5.15~5.85	Dipole	R-SMA	150	2.4~2.4835GHz : 0.5 5.15~5.85GHz : 0.8	2.92 4.67
	Chain1	Cortec	AN2450-4902BRS	2.42 3.87	2.4~2.4835 5.15~5.85	Dipole	R-SMA	150	2.4~2.4835GHz : 0.5 5.15~5.85GHz : 0.8	2.92 4.67
2	Chain0	PSA	RFMTA340718E MLB302	3.18 4.92	2.4~2.4835 5.15~5.85	PIFA	i-pex(MHF)	200	included cable loss	-
	Chain1	PSA	RFMTA340718E MLB302	3.18 4.92	2.4~2.4835 5.15~5.85	PIFA	i-pex(MHF)	200	included cable loss	-
3	Chain0	PSA	RFMTA311020E MMB301	1.71 4.82 3.31	2.4~2.4835 5.15~5.85 5.92~7.125	PIFA	i-pex(MHF)	200	-	-
	Chain1	PSA	RFMTA311020E MMB301	1.71 4.82 3.31	2.4~2.4835 5.15~5.85 5.92~7.125	PIFA	i-pex(MHF)	200	-	-
4	Chain0	PSA	RFMTA311020E MMB301_V02	1.71 4.82 4.76 4.29 4.61 4.09	2.4~2.4835 5.15~5.85 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	PIFA	i-pex(MHF)	200	-	-
	Chain1	PSA	RFMTA311020E MMB301_V02	1.71 4.82 4.76 4.29 4.61 4.09	2.4~2.4835 5.15~5.85 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	PIFA	i-pex(MHF)	200	-	-

Newly

Ant. Set	RF Chain No.	Brand	Model	Ant. Net Gain (dBi)	Freq. Range (GHz)	Ant. Type	Connector Type	Cable Length (mm)	Cable Loss (dB)	Excluding Cable Loss Ant. Gain (dBi)
5	Chain0	VSO	JR2Q00340-1	1.62	2.4~2.4835	Dipole	RP SMA PLUG	40	-	-
				3.2	5.15~5.85					
				3.93	5.925~6.425					
				3.61	6.425~6.525					
				3.61	6.525~6.875					
				3.61	6.875~7.125					
				3.14	6.875~7.125					
	Chain1	VSO	JR2Q00340-1	1.62	2.4~2.4835	Dipole	RP SMA PLUG	40	-	-
				3.2	5.15~5.85					
				3.93	5.925~6.425					
				3.61	6.425~6.525					
				3.61	6.525~6.875					
				3.61	6.875~7.125					
				3.14	6.875~7.125					

Note: Ant. Set 5 was selected for the final test.

5. 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
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
802.11ax (HE20)	2TX	2RX
802.11ax (HE40)	2TX	2RX
802.11ax (HE80)	2TX	2RX
6GHz Band		
MODULATION MODE	TX & RX CONFIGURATION	
802.11ax (HE20)	2TX	2RX
802.11ax (HE40)	2TX	2RX
802.11ax (HE80)	2TX	2RX

Note:

- The EUT doesn't support beamforming function.
- The modulation and bandwidth are similar for 802.11n mode for 20MHz (40MHz), 802.11ac mode for 20MHz (40MHz, 80MHz) and 802.11ax mode for 20MHz (40MHz, 80MHz), therefore the manufacturer will control the power for 802.11n/ac mode is the same as the 802.11ax or more lower than it and investigated worst case to representative mode in test report.

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

7. The above Antenna information is declared by manufacturer, the laboratory shall not be held responsible.

3.2 Description of Test Modes

FOR 5925 ~ 6425MHz (U-NII-5 band)

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

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	5955 MHz	5	5975 MHz	9	5995 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	6415 MHz

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	6285 MHz	75	6325 MHz	83	6365 MHz	91	6405 MHz

6 channel is 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				

FOR 6425 ~ 6525MHz (U-NII-6 band)

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

2 channel is provided for 802.11ax (HE80):

Channel	Frequency	Channel	Frequency
103	6465 MHz	*119	6545 MHz

FOR 6525 ~ 6875MHz (U-NII-7 band)

18 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	*185	6875 MHz				

9 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
*187	6885 MHz						

4 channels are provided for 802.11ax (HE80):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
135	6625 MHz	151	6705 MHz	167	6785 MHz	*183	6865 MHz

FOR 6875 ~ 7125MHz (U-NII-8 band):

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

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
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

5 channels are provided for 802.11ax (HE40):

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

2 channel is provided for 802.11ax (HE80):

Channel	Frequency	Channel	Frequency
199	6945 MHz	215	7025 MHz

Note: * mean this's straddle channel.

3.2.1 Test Mode Applicability and Tested Channel Detail

EUT Configure Mode	Applicable To		Description
	RE \geq 1G	RE<1G	
-	√	√	With Dipole antenna (Ant. Set 5)

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

Radiated Emission Measurement (Above 1GHz):

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

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11ax (HE20)	5955-6415	1 to 93	1, 45, 93	OFDMA	BPSK	MCS0
	6435-6515	97 to 113	97, 105, 113	OFDMA	BPSK	MCS0
	6535-6875	117 to 185	117, 153, 181, 185	OFDMA	BPSK	MCS0
	6875-7115	185 to 233	185, 213, 233	OFDMA	BPSK	MCS0
802.11ax (HE40)	5965-6405	3 to 91	3, 43, 91	OFDMA	BPSK	MCS0
	6445 to 6525	99 to 115	99, 107, 115	OFDMA	BPSK	MCS0
	6525 to 6885	115 to 187	115, 123, 155, 179, 187	OFDMA	BPSK	MCS0
	6885 to 7085	187 to 227	187, 211, 227	OFDMA	BPSK	MCS0
802.11ax (HE80)	5985-6385	7 to 87	7, 39, 87	OFDMA	BPSK	MCS0
	6465-6525	103 to 119	103, 119	OFDMA	BPSK	MCS0
	6525-6875	119 to 183	119, 135, 151, 167, 183	OFDMA	BPSK	MCS0
	6875-7025	183 to 215	183, 199, 215	OFDMA	BPSK	MCS0

Radiated Emission Measurement (Below 1GHz):

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

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11ax (HE80)	5985-6385 6465-6525 6525-6875 6875-7025	7 to 87 103 to 119 119 to 183 183 to 215	7	OFDMA	BPSK	MCS0

Test Condition:

Applicable To	Environmental Conditions	Input Power (System)	Tested By
RE \geq 1G	20deg. C, 70%RH	120Vac, 60Hz	Ryan Du
RE<1G	24deg. C, 68%RH	120Vac, 60Hz	Tom Yang

3.3 Description of Support Units

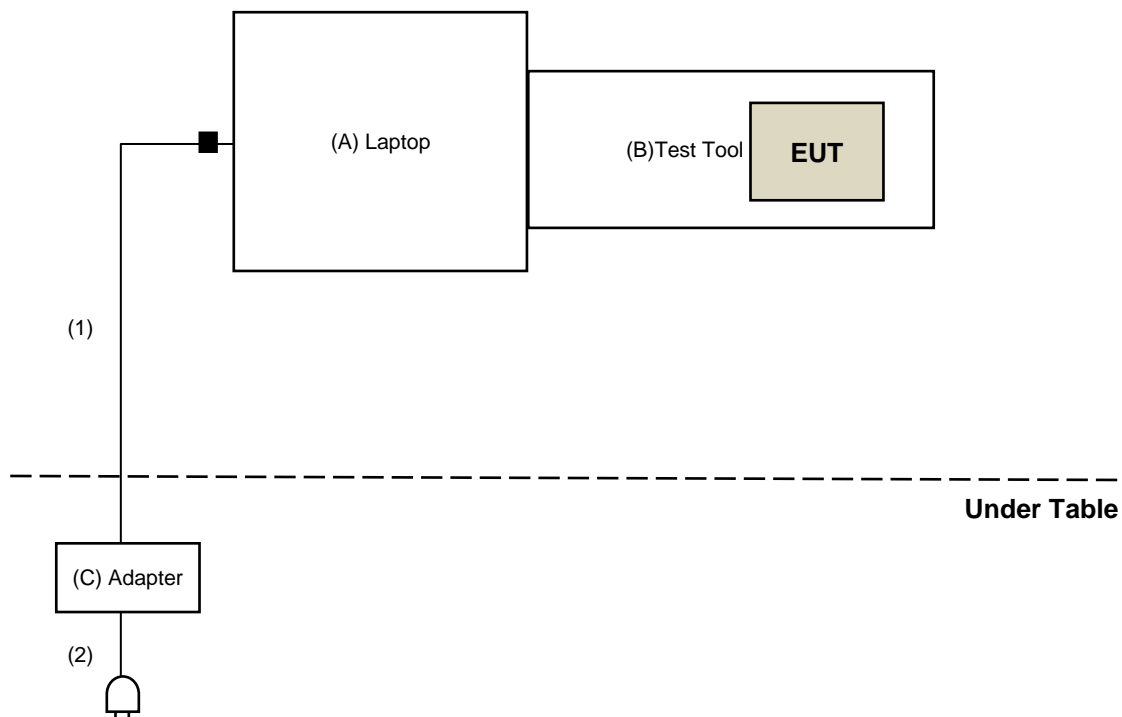
The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Laptop	DELL	E6440	H7LYQ32	FCC DoC	Provided by Lab
B.	Test Tool	MTK	NA	NA	NA	Supplied by client
C.	Adapter	Dell	FA65NE0-00	NA	NA	Provided by Lab

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

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

3.3.1 Configuration of System under Test



3.4 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 Radiated Emission and Bandedge Measurement

4.1.1 Limits of Radiated Emission and Bandedge Measurement

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

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

NOTE:

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

Limits of unwanted emission out of the restricted bands

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:

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

4.1.2 Test Instruments

For Radiated Emission & BandEdge test:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Keysight	N9038A	MY54450088	July 06, 2020	July 05, 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 Mini-Circuits	ZFL-1000VH2	QA0838008	Oct. 20, 2020	Oct. 19, 2021
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-361	Nov. 05, 2020	Nov. 04, 2021
RF Cable	8D	966-3-1	Mar. 16, 2021	Mar. 15, 2022
RF Cable	8D	966-3-2	Mar. 16, 2021	Mar. 15, 2022
RF Cable	8D	966-3-3	Mar. 16, 2021	Mar. 15, 2022
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-3m-3-01	Sep. 24, 2020	Sep. 23, 2021
Horn_Antenna SCHWARZBECK	BBHA9120-D	9120D-406	Nov. 22, 2020	Nov. 21, 2021
Pre-Amplifier EMCI	EMC12630SE	980384	Jan. 11, 2021	Jan. 10, 2022
RF Cable	EMC104-SM-SM-1500	180504	Apr. 26, 2021	Apr. 25, 2022
RF Cable	EMC104-SM-SM-2000	180601	June 09, 2020	June 08, 2021
RF Cable	EMC104-SM-SM-6000	180602	June 09, 2020	June 08, 2021
Spectrum Analyzer Keysight	N9030A	MY54490679	July 13, 2020	July 12, 2021
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
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208406	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP01	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. 3.
3. Tested Date: Apr.27 to May 04, 2021

4.1.3 Test Procedure

For Radiated emission below 30MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

NOTE:

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

For Radiated emission above 30MHz

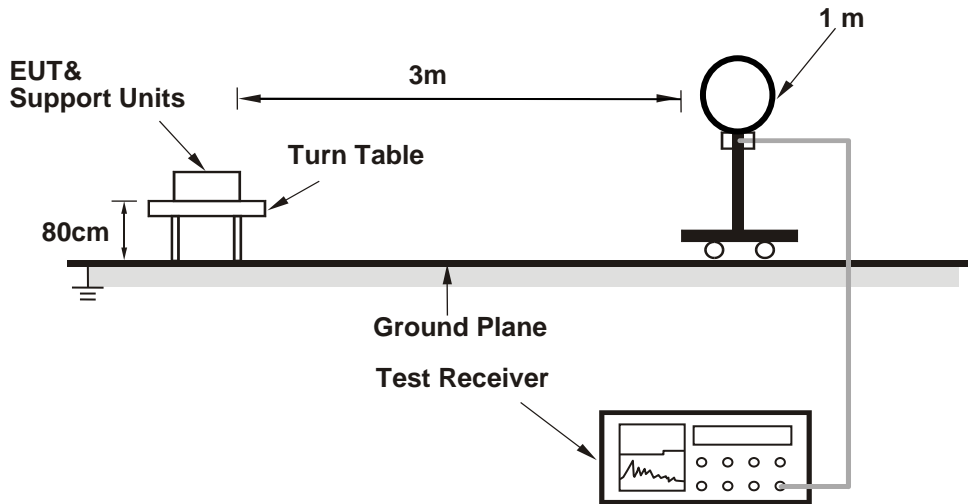
- a. The EUT was placed on the top of a rotating table 0.8 meters (for 30MHz ~ 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- f. The test-receiver system was set to peak 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 RMS detector is unnecessary.

Note:

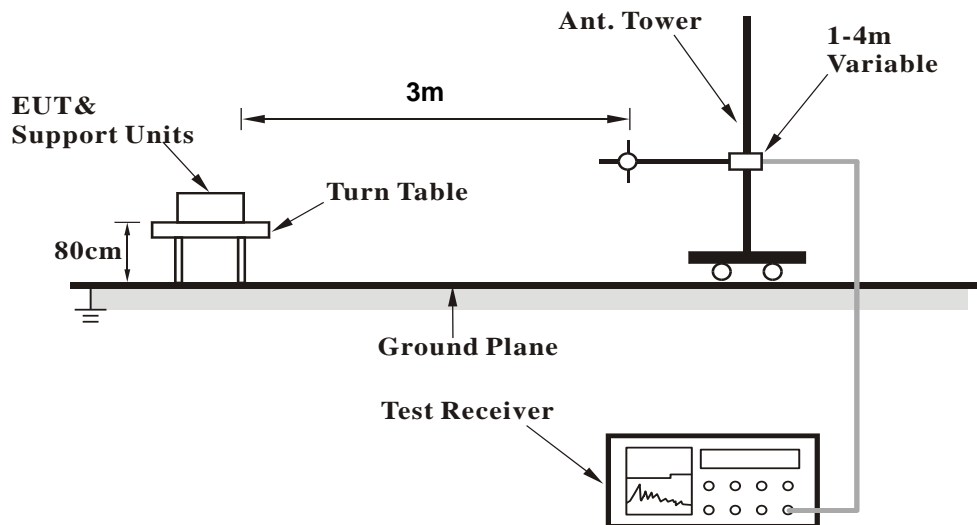
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.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

4.1.4 Test Setup

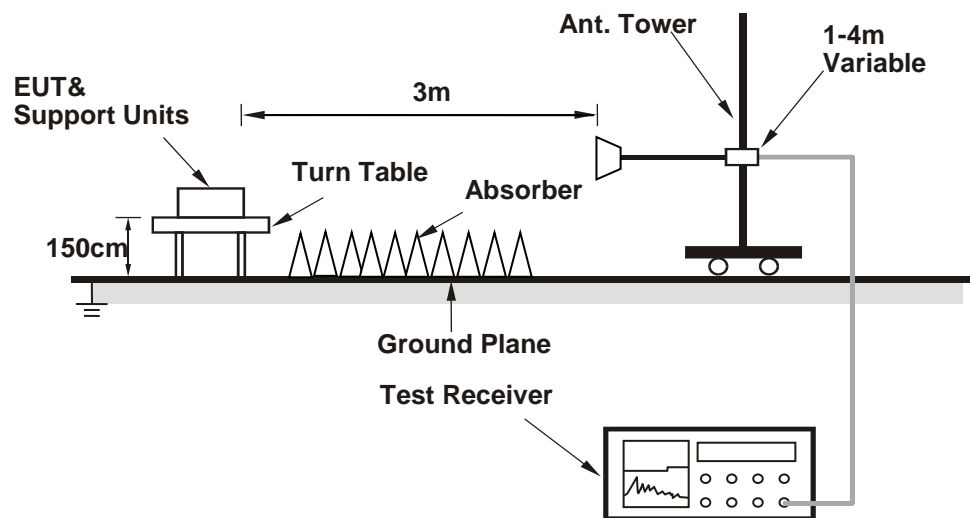
For Radiated emission below 30MHz



For Radiated emission 30MHz to 1GHz



For Radiated emission above 1GHz



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

4.1.5 EUT Operating Condition

- a. Placed the EUT on the testing table.
- b. Controlling software (MT7961 QA 0.0.2.33) has been activated to set the EUT under transmission condition continuously at specific channel frequency.

4.1.6 Test Results

Above 1GHz Data:

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	#5856.22	51.8 PK	88.2	-36.4	1.49 H	14	46.3	5.5
2	#5856.22	40.4 AV	68.2	-27.8	1.49 H	14	34.9	5.5
3	*5955.00	96.1 PK			1.49 H	14	90.3	5.8
4	*5955.00	85.6 AV			1.49 H	14	79.8	5.8
5	11910.00	45.9 PK	74.0	-28.1	2.69 H	187	31.5	14.4
6	11910.00	36.4 AV	54.0	-17.6	2.69 H	187	22.0	14.4
7	17865.00	51.9 PK	74.0	-22.1	1.66 H	246	30.6	21.3
8	17865.00	39.9 AV	54.0	-14.1	1.66 H	246	18.6	21.3
9	23820.00	54.2 PK	74.0	-19.8	1.67 H	277	57.5	-3.3
10	23820.00	41.9 AV	54.0	-12.1	1.67 H	277	45.2	-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	#5888.49	51.6 PK	88.2	-36.6	3.06 V	322	46.0	5.6
2	#5888.49	40.2 AV	68.2	-28.0	3.06 V	322	34.6	5.6
3	*5955.00	92.2 PK			3.06 V	322	86.4	5.8
4	*5955.00	82.0 AV			3.06 V	322	76.2	5.8
5	11910.00	44.4 PK	74.0	-29.6	2.83 V	317	30.0	14.4
6	11910.00	35.1 AV	54.0	-18.9	2.83 V	317	20.7	14.4
7	17865.00	52.4 PK	74.0	-21.6	2.11 V	184	31.1	21.3
8	17865.00	40.9 AV	54.0	-13.1	2.11 V	184	19.6	21.3
9	23820.00	55.6 PK	74.0	-18.4	1.86 V	116	58.9	-3.3
10	23820.00	44.0 AV	54.0	-10.0	1.86 V	116	47.3	-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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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	*6175.00	96.6 PK			1.53 H	1	90.6	6.0
2	*6175.00	86.1 AV			1.53 H	1	80.1	6.0
3	12350.00	46.4 PK	74.0	-27.6	2.69 H	189	32.1	14.3
4	12350.00	36.6 AV	54.0	-17.4	2.69 H	189	22.3	14.3
5	18525.00	52.2 PK	74.0	-21.8	1.69 H	274	58.8	-6.6
6	18525.00	40.0 AV	54.0	-14.0	1.69 H	274	46.6	-6.6
7	#24700.00	54.7 PK	88.2	-33.5	1.70 H	289	56.8	-2.1
8	#24700.00	42.1 AV	68.2	-26.1	1.70 H	289	44.2	-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	*6175.00	92.7 PK			2.98 V	283	86.7	6.0
2	*6175.00	82.3 AV			2.98 V	283	76.3	6.0
3	12350.00	44.0 PK	74.0	-30.0	2.77 V	328	29.7	14.3
4	12350.00	34.8 AV	54.0	-19.2	2.77 V	328	20.5	14.3
5	18525.00	52.2 PK	74.0	-21.8	2.05 V	195	58.8	-6.6
6	18525.00	40.9 AV	54.0	-13.1	2.05 V	195	47.5	-6.6
7	#24700.00	55.3 PK	88.2	-32.9	1.88 V	104	57.4	-2.1
8	#24700.00	43.7 AV	68.2	-24.5	1.88 V	104	45.8	-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. " * ": Fundamental frequency.
6. " # ": 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	*6415.00	95.6 PK			1.53 H	0	88.4	7.2
2	*6415.00	85.6 AV			1.53 H	0	78.4	7.2
3	#12830.00	46.7 PK	88.2	-41.5	2.64 H	168	31.6	15.1
4	#12830.00	36.7 AV	68.2	-31.5	2.64 H	168	21.6	15.1
5	19245.00	52.1 PK	74.0	-21.9	1.63 H	251	58.7	-6.6
6	19245.00	40.0 AV	54.0	-14.0	1.63 H	251	46.6	-6.6
7	#25660.00	55.4 PK	88.2	-32.8	1.67 H	290	56.7	-1.3
8	#25660.00	42.7 AV	68.2	-25.5	1.67 H	290	44.0	-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	*6415.00	92.2 PK			2.92 V	302	85.0	7.2
2	*6415.00	82.5 AV			2.92 V	302	75.3	7.2
3	#12830.00	44.7 PK	88.2	-43.5	2.80 V	321	29.6	15.1
4	#12830.00	35.3 AV	68.2	-32.9	2.80 V	321	20.2	15.1
5	19245.00	52.2 PK	74.0	-21.8	2.13 V	198	58.8	-6.6
6	19245.00	40.6 AV	54.0	-13.4	2.13 V	198	47.2	-6.6
7	#25660.00	55.3 PK	88.2	-32.9	1.83 V	101	56.6	-1.3
8	#25660.00	43.9 AV	68.2	-24.3	1.83 V	101	45.2	-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. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 97 : 6435 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	*6435.00	94.6 PK			1.33 H	16	87.1	7.5
2	*6435.00	84.5 AV			1.33 H	16	77.0	7.5
3	#12870.00	46.7 PK	88.2	-41.5	2.65 H	168	31.8	14.9
4	#12870.00	36.9 AV	68.2	-31.3	2.65 H	168	22.0	14.9
5	19305.00	52.8 PK	74.0	-21.2	1.65 H	260	59.3	-6.5
6	19305.00	40.3 AV	54.0	-13.7	1.65 H	260	46.8	-6.5
7	#25740.00	54.7 PK	88.2	-33.5	1.62 H	291	56.0	-1.3
8	#25740.00	42.1 AV	68.2	-26.1	1.62 H	291	43.4	-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	*6435.00	91.1 PK			2.98 V	320	83.6	7.5
2	*6435.00	80.9 AV			2.98 V	320	73.4	7.5
3	#12870.00	43.6 PK	88.2	-44.6	2.84 V	327	28.7	14.9
4	#12870.00	34.6 AV	68.2	-33.6	2.84 V	327	19.7	14.9
5	19305.00	52.7 PK	74.0	-21.3	2.16 V	188	59.2	-6.5
6	19305.00	41.3 AV	54.0	-12.7	2.16 V	188	47.8	-6.5
7	#25740.00	55.6 PK	88.2	-32.6	1.90 V	104	56.9	-1.3
8	#25740.00	43.9 AV	68.2	-24.3	1.90 V	104	45.2	-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. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 105 : 6475 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	*6475.00	94.4 PK			1.41 H	8	86.6	7.8
2	*6475.00	83.8 AV			1.41 H	8	76.0	7.8
3	#12950.00	46.6 PK	88.2	-41.6	2.60 H	174	31.7	14.9
4	#12950.00	36.9 AV	68.2	-31.3	2.60 H	174	22.0	14.9
5	19425.00	52.4 PK	74.0	-21.6	1.66 H	273	58.6	-6.2
6	19425.00	40.0 AV	54.0	-14.0	1.66 H	273	46.2	-6.2
7	#25900.00	55.1 PK	88.2	-33.1	1.70 H	283	56.3	-1.2
8	#25900.00	42.6 AV	68.2	-25.6	1.70 H	283	43.8	-1.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6475.00	91.5 PK			3.01 V	323	83.7	7.8
2	*6475.00	81.5 AV			3.01 V	323	73.7	7.8
3	#12950.00	43.9 PK	88.2	-44.3	2.80 V	322	29.0	14.9
4	#12950.00	34.9 AV	68.2	-33.3	2.80 V	322	20.0	14.9
5	19425.00	53.0 PK	74.0	-21.0	2.09 V	175	59.2	-6.2
6	19425.00	41.2 AV	54.0	-12.8	2.09 V	175	47.4	-6.2
7	#25900.00	56.1 PK	88.2	-32.1	1.83 V	105	57.3	-1.2
8	#25900.00	44.3 AV	68.2	-23.9	1.83 V	105	45.5	-1.2

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 113 : 6515 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	*6515.00	94.3 PK			1.46 H	10	86.3	8.0
2	*6515.00	83.3 AV			1.46 H	10	75.3	8.0
3	#13030.00	45.9 PK	88.2	-42.3	2.68 H	186	30.7	15.2
4	#13030.00	36.2 AV	68.2	-32.0	2.68 H	186	21.0	15.2
5	19545.00	52.9 PK	74.0	-21.1	1.58 H	243	59.1	-6.2
6	19545.00	40.9 AV	54.0	-13.1	1.58 H	243	47.1	-6.2
7	#26060.00	54.7 PK	88.2	-33.5	1.70 H	263	55.7	-1.0
8	#26060.00	42.3 AV	68.2	-25.9	1.70 H	263	43.3	-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	*6515.00	90.2 PK			3.38 V	340	82.2	8.0
2	*6515.00	80.2 AV			3.38 V	340	72.2	8.0
3	#13030.00	44.5 PK	88.2	-43.7	2.77 V	328	29.3	15.2
4	#13030.00	35.1 AV	68.2	-33.1	2.77 V	328	19.9	15.2
5	19545.00	52.9 PK	74.0	-21.1	2.08 V	194	59.1	-6.2
6	19545.00	41.3 AV	54.0	-12.7	2.08 V	194	47.5	-6.2
7	#26060.00	55.5 PK	88.2	-32.7	1.91 V	116	56.5	-1.0
8	#26060.00	43.7 AV	68.2	-24.5	1.91 V	116	44.7	-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. " * ": Fundamental frequency.
6. " # ": 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	*6535.00	93.9 PK			1.37 H	15	85.7	8.2
2	*6535.00	82.6 AV			1.37 H	15	74.4	8.2
3	#13070.00	46.5 PK	88.2	-41.7	2.71 H	183	31.1	15.4
4	#13070.00	36.9 AV	68.2	-31.3	2.71 H	183	21.5	15.4
5	19605.00	52.7 PK	74.0	-21.3	1.68 H	258	58.9	-6.2
6	19605.00	40.2 AV	54.0	-13.8	1.68 H	258	46.4	-6.2
7	#26140.00	55.3 PK	88.2	-32.9	1.70 H	283	56.3	-1.0
8	#26140.00	42.5 AV	68.2	-25.7	1.70 H	283	43.5	-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	*6535.00	89.5 PK			3.37 V	296	81.3	8.2
2	*6535.00	79.4 AV			3.37 V	296	71.2	8.2
3	#13070.00	44.5 PK	88.2	-43.7	2.84 V	326	29.1	15.4
4	#13070.00	35.2 AV	68.2	-33.0	2.84 V	326	19.8	15.4
5	19605.00	52.2 PK	74.0	-21.8	2.06 V	171	58.4	-6.2
6	19605.00	40.5 AV	54.0	-13.5	2.06 V	171	46.7	-6.2
7	#26140.00	55.5 PK	88.2	-32.7	1.86 V	100	56.5	-1.0
8	#26140.00	43.8 AV	68.2	-24.4	1.86 V	100	44.8	-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. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 153 : 6715 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	*6715.00	94.1 PK			1.45 H	34	85.9	8.2
2	*6715.00	82.5 AV			1.45 H	34	74.3	8.2
3	#13430.00	46.8 PK	88.2	-41.4	2.67 H	164	30.6	16.2
4	#13430.00	36.9 AV	68.2	-31.3	2.67 H	164	20.7	16.2
5	20145.00	52.7 PK	74.0	-21.3	1.62 H	264	58.2	-5.5
6	20145.00	40.6 AV	54.0	-13.4	1.62 H	264	46.1	-5.5
7	#26860.00	55.1 PK	88.2	-33.1	1.61 H	288	56.0	-0.9
8	#26860.00	42.8 AV	68.2	-25.4	1.61 H	288	43.7	-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	*6715.00	89.0 PK			3.42 V	306	80.8	8.2
2	*6715.00	78.8 AV			3.42 V	306	70.6	8.2
3	#13430.00	44.6 PK	88.2	-43.6	2.88 V	315	28.4	16.2
4	#13430.00	35.3 AV	68.2	-32.9	2.88 V	315	19.1	16.2
5	20145.00	52.2 PK	74.0	-21.8	2.10 V	171	57.7	-5.5
6	20145.00	40.7 AV	54.0	-13.3	2.10 V	171	46.2	-5.5
7	#26860.00	55.3 PK	88.2	-32.9	1.86 V	103	56.2	-0.9
8	#26860.00	44.0 AV	68.2	-24.2	1.86 V	103	44.9	-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. " * ": Fundamental frequency.
6. " # ": 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	*6855.00	85.0 PK			1.70 H	36	76.7	8.3
2	*6855.00	84.4 AV			1.70 H	36	76.1	8.3
3	#13710.00	46.5 PK	88.2	-41.7	2.63 H	184	29.5	17.0
4	#13710.00	37.0 AV	68.2	-31.2	2.63 H	184	20.0	17.0
5	20565.00	52.7 PK	74.0	-21.3	1.67 H	252	57.8	-5.1
6	20565.00	40.5 AV	54.0	-13.5	1.67 H	252	45.6	-5.1
7	#27420.00	55.0 PK	88.2	-33.2	1.63 H	281	56.5	-1.5
8	#27420.00	42.7 AV	68.2	-25.5	1.63 H	281	44.2	-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	*6855.00	90.1 PK			3.35 V	308	81.8	8.3
2	*6855.00	80.7 AV			3.35 V	308	72.4	8.3
3	#13710.00	44.0 PK	88.2	-44.2	2.88 V	311	27.0	17.0
4	#13710.00	34.9 AV	68.2	-33.3	2.88 V	311	17.9	17.0
5	20565.00	52.5 PK	74.0	-21.5	2.13 V	181	57.6	-5.1
6	20565.00	41.0 AV	54.0	-13.0	2.13 V	181	46.1	-5.1
7	#27420.00	56.0 PK	88.2	-32.2	1.84 V	110	57.5	-1.5
8	#27420.00	44.3 AV	68.2	-23.9	1.84 V	110	45.8	-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. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 185 : 6875 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	*6875.00	95.1 PK			1.75 H	26	86.6	8.5
2	*6875.00	84.5 AV			1.75 H	26	76.0	8.5
3	#13750.00	46.9 PK	88.2	-41.3	2.62 H	194	29.8	17.1
4	#13750.00	36.9 AV	68.2	-31.3	2.62 H	194	19.8	17.1
5	20625.00	53.0 PK	74.0	-21.0	1.65 H	265	57.9	-4.9
6	20625.00	40.7 AV	54.0	-13.3	1.65 H	265	45.6	-4.9
7	#27500.00	54.7 PK	88.2	-33.5	1.68 H	272	56.1	-1.4
8	#27500.00	42.4 AV	68.2	-25.8	1.68 H	272	43.8	-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	*6875.00	90.7 PK			3.39 V	324	82.2	8.5
2	*6875.00	80.8 AV			3.39 V	324	72.3	8.5
3	#13750.00	45.1 PK	88.2	-43.1	2.84 V	329	28.0	17.1
4	#13750.00	35.6 AV	68.2	-32.6	2.84 V	329	18.5	17.1
5	20625.00	52.1 PK	74.0	-21.9	2.14 V	175	57.0	-4.9
6	20625.00	40.9 AV	54.0	-13.1	2.14 V	175	45.8	-4.9
7	#27500.00	55.9 PK	88.2	-32.3	1.90 V	104	57.3	-1.4
8	#27500.00	44.2 AV	68.2	-24.0	1.90 V	104	45.6	-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. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 213 : 7015 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	*7015.00	95.9 PK			1.68 H	0	86.6	9.3
2	*7015.00	85.5 AV			1.68 H	0	76.2	9.3
3	#14030.00	46.6 PK	88.2	-41.6	2.63 H	179	29.3	17.3
4	#14030.00	36.7 AV	68.2	-31.5	2.63 H	179	19.4	17.3
5	21045.00	52.8 PK	74.0	-21.2	1.58 H	249	57.3	-4.5
6	21045.00	40.5 AV	54.0	-13.5	1.58 H	249	45.0	-4.5
7	#28060.00	54.7 PK	88.2	-33.5	1.61 H	277	56.5	-1.8
8	#28060.00	42.4 AV	68.2	-25.8	1.61 H	277	44.2	-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	*7015.00	92.3 PK			3.45 V	356	83.0	9.3
2	*7015.00	82.7 AV			3.45 V	356	73.4	9.3
3	#14030.00	44.4 PK	88.2	-43.8	2.82 V	332	27.1	17.3
4	#14030.00	35.1 AV	68.2	-33.1	2.82 V	332	17.8	17.3
5	21045.00	52.4 PK	74.0	-21.6	2.10 V	168	56.9	-4.5
6	21045.00	40.7 AV	54.0	-13.3	2.10 V	168	45.2	-4.5
7	#28060.00	56.0 PK	88.2	-32.2	1.90 V	121	57.8	-1.8
8	#28060.00	44.5 AV	68.2	-23.7	1.90 V	121	46.3	-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. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 233 : 7115 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	*7115.00	96.1 PK			1.62 H	2	85.8	10.3
2	*7115.00	85.8 AV			1.62 H	2	75.5	10.3
3	#7125.00	73.9 PK	88.2	-14.3	1.62 H	2	63.5	10.4
4	#7125.00	63.7 AV	68.2	-4.5	1.62 H	2	53.3	10.4
5	#14230.00	45.9 PK	88.2	-42.3	2.64 H	188	27.5	18.4
6	#14230.00	36.4 AV	68.2	-31.8	2.64 H	188	18.0	18.4
7	21345.00	52.4 PK	74.0	-21.6	1.57 H	247	56.6	-4.2
8	21345.00	40.4 AV	54.0	-13.6	1.57 H	247	44.6	-4.2
9	#28460.00	54.9 PK	88.2	-33.3	1.63 H	270	56.8	-1.9
10	#28460.00	42.5 AV	68.2	-25.7	1.63 H	270	44.4	-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	*7115.00	92.7 PK			3.47 V	335	82.4	10.3
2	*7115.00	82.9 AV			3.47 V	335	72.6	10.3
3	#7125.00	73.6 PK	88.2	-14.6	3.47 V	335	63.2	10.4
4	#7125.00	62.1 AV	68.2	-6.1	3.47 V	335	51.7	10.4
5	#14230.00	43.6 PK	88.2	-44.6	2.89 V	320	25.2	18.4
6	#14230.00	34.6 AV	68.2	-33.6	2.89 V	320	16.2	18.4
7	21345.00	52.5 PK	74.0	-21.5	2.13 V	170	56.7	-4.2
8	21345.00	41.1 AV	54.0	-12.9	2.13 V	170	45.3	-4.2
9	#28460.00	56.4 PK	88.2	-31.8	1.86 V	106	58.3	-1.9
10	#28460.00	44.5 AV	68.2	-23.7	1.86 V	106	46.4	-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. " * ": Fundamental frequency.
6. " # ": 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	#5913.02	53.0 PK	88.2	-35.2	1.55 H	3	47.4	5.6
2	#5913.02	41.7 AV	68.2	-26.5	1.55 H	3	36.1	5.6
3	*5965.00	96.3 PK			1.55 H	3	90.5	5.8
4	*5965.00	87.2 AV			1.55 H	3	81.4	5.8
5	11930.00	47.1 PK	74.0	-26.9	2.61 H	168	32.7	14.4
6	11930.00	37.1 AV	54.0	-16.9	2.61 H	168	22.7	14.4
7	17895.00	52.7 PK	74.0	-21.3	1.66 H	264	31.1	21.6
8	17895.00	40.8 AV	54.0	-13.2	1.66 H	264	19.2	21.6
9	23860.00	54.9 PK	74.0	-19.1	1.60 H	271	58.2	-3.3
10	23860.00	42.6 AV	54.0	-11.4	1.60 H	271	45.9	-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	#5908.44	51.5 PK	88.2	-36.7	3.73 V	350	45.9	5.6
2	#5908.44	41.2 AV	68.2	-27.0	3.73 V	350	35.6	5.6
3	*5965.00	94.5 PK			3.73 V	350	88.7	5.8
4	*5965.00	84.8 AV			3.73 V	350	79.0	5.8
5	11930.00	44.9 PK	74.0	-29.1	2.85 V	325	30.5	14.4
6	11930.00	35.6 AV	54.0	-18.4	2.85 V	325	21.2	14.4
7	17895.00	52.1 PK	74.0	-21.9	2.13 V	191	30.5	21.6
8	17895.00	40.5 AV	54.0	-13.5	2.13 V	191	18.9	21.6
9	23860.00	55.3 PK	74.0	-18.7	1.81 V	106	58.6	-3.3
10	23860.00	43.5 AV	54.0	-10.5	1.81 V	106	46.8	-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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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	*6165.00	96.4 PK			1.46 H	11	90.4	6.0
2	*6165.00	87.1 AV			1.46 H	11	81.1	6.0
3	12330.00	46.6 PK	74.0	-27.4	2.71 H	173	32.1	14.5
4	12330.00	37.0 AV	54.0	-17.0	2.71 H	173	22.5	14.5
5	18495.00	52.2 PK	74.0	-21.8	1.69 H	268	58.8	-6.6
6	18495.00	40.2 AV	54.0	-13.8	1.69 H	268	46.8	-6.6
7	#24660.00	55.1 PK	88.2	-33.1	1.63 H	263	57.2	-2.1
8	#24660.00	42.8 AV	68.2	-25.4	1.63 H	263	44.9	-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	*6165.00	94.9 PK			3.67 V	340	88.9	6.0
2	*6165.00	85.2 AV			3.67 V	340	79.2	6.0
3	12330.00	43.7 PK	74.0	-30.3	2.89 V	314	29.2	14.5
4	12330.00	34.7 AV	54.0	-19.3	2.89 V	314	20.2	14.5
5	18495.00	51.9 PK	74.0	-22.1	2.14 V	198	58.5	-6.6
6	18495.00	40.4 AV	54.0	-13.6	2.14 V	198	47.0	-6.6
7	#24660.00	56.2 PK	88.2	-32.0	1.84 V	123	58.3	-2.1
8	#24660.00	44.3 AV	68.2	-23.9	1.84 V	123	46.4	-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. " * ": Fundamental frequency.
6. " # ": 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	*6405.00	94.6 PK			1.44 H	18	87.5	7.1
2	*6405.00	85.6 AV			1.44 H	18	78.5	7.1
3	#12810.00	45.8 PK	88.2	-42.4	2.61 H	166	30.7	15.1
4	#12810.00	36.2 AV	68.2	-32.0	2.61 H	166	21.1	15.1
5	19215.00	52.7 PK	74.0	-21.3	1.61 H	262	59.2	-6.5
6	19215.00	40.2 AV	54.0	-13.8	1.61 H	262	46.7	-6.5
7	#25620.00	55.0 PK	88.2	-33.2	1.69 H	274	56.3	-1.3
8	#25620.00	42.6 AV	68.2	-25.6	1.69 H	274	43.9	-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	*6405.00	92.2 PK			3.73 V	309	85.1	7.1
2	*6405.00	83.0 AV			3.73 V	309	75.9	7.1
3	#12810.00	44.2 PK	88.2	-44.0	2.83 V	303	29.1	15.1
4	#12810.00	35.1 AV	68.2	-33.1	2.83 V	303	20.0	15.1
5	19215.00	52.4 PK	74.0	-21.6	2.13 V	197	58.9	-6.5
6	19215.00	41.1 AV	54.0	-12.9	2.13 V	197	47.6	-6.5
7	#25620.00	55.6 PK	88.2	-32.6	1.83 V	111	56.9	-1.3
8	#25620.00	43.9 AV	68.2	-24.3	1.83 V	111	45.2	-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. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 99 : 6445 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	*6445.00	95.3 PK			1.49 H	25	87.7	7.6
2	*6445.00	85.9 AV			1.49 H	25	78.3	7.6
3	#12890.00	46.3 PK	88.2	-41.9	2.70 H	186	31.6	14.7
4	#12890.00	36.6 AV	68.2	-31.6	2.70 H	186	21.9	14.7
5	19335.00	52.6 PK	74.0	-21.4	1.58 H	249	59.1	-6.5
6	19335.00	40.6 AV	54.0	-13.4	1.58 H	249	47.1	-6.5
7	#25780.00	55.0 PK	88.2	-33.2	1.64 H	287	56.2	-1.2
8	#25780.00	42.7 AV	68.2	-25.5	1.64 H	287	43.9	-1.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6445.00	93.2 PK			3.78 V	327	85.6	7.6
2	*6445.00	83.9 AV			3.78 V	327	76.3	7.6
3	#12890.00	45.0 PK	88.2	-43.2	2.80 V	309	30.3	14.7
4	#12890.00	35.4 AV	68.2	-32.8	2.80 V	309	20.7	14.7
5	19335.00	52.5 PK	74.0	-21.5	2.16 V	180	59.0	-6.5
6	19335.00	41.1 AV	54.0	-12.9	2.16 V	180	47.6	-6.5
7	#25780.00	56.1 PK	88.2	-32.1	1.87 V	109	57.3	-1.2
8	#25780.00	44.3 AV	68.2	-23.9	1.87 V	109	45.5	-1.2

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 107 : 6485 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	*6485.00	95.3 PK			1.44 H	0	87.4	7.9
2	*6485.00	86.3 AV			1.44 H	0	78.4	7.9
3	#12970.00	45.6 PK	88.2	-42.6	2.69 H	178	30.5	15.1
4	#12970.00	36.1 AV	68.2	-32.1	2.69 H	178	21.0	15.1
5	19455.00	52.9 PK	74.0	-21.1	1.59 H	268	59.1	-6.2
6	19455.00	40.8 AV	54.0	-13.2	1.59 H	268	47.0	-6.2
7	#25940.00	54.7 PK	88.2	-33.5	1.60 H	273	55.8	-1.1
8	#25940.00	42.3 AV	68.2	-25.9	1.60 H	273	43.4	-1.1
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	*6485.00	92.1 PK			3.87 V	320	84.2	7.9
2	*6485.00	82.9 AV			3.87 V	320	75.0	7.9
3	#12970.00	44.2 PK	88.2	-44.0	2.83 V	319	29.1	15.1
4	#12970.00	34.9 AV	68.2	-33.3	2.83 V	319	19.8	15.1
5	19455.00	52.7 PK	74.0	-21.3	2.08 V	198	58.9	-6.2
6	19455.00	41.4 AV	54.0	-12.6	2.08 V	198	47.6	-6.2
7	#25940.00	55.1 PK	88.2	-33.1	1.88 V	104	56.2	-1.1
8	#25940.00	43.6 AV	68.2	-24.6	1.88 V	104	44.7	-1.1

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 115 : 6525 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	*6525.00	95.3 PK			1.55 H	18	87.2	8.1
2	*6525.00	86.2 AV			1.55 H	18	78.1	8.1
3	#13050.00	46.8 PK	88.2	-41.4	2.62 H	181	31.6	15.2
4	#13050.00	37.1 AV	68.2	-31.1	2.62 H	181	21.9	15.2
5	19575.00	52.7 PK	74.0	-21.3	1.61 H	275	59.0	-6.3
6	19575.00	40.5 AV	54.0	-13.5	1.61 H	275	46.8	-6.3
7	#26100.00	55.2 PK	88.2	-33.0	1.63 H	274	56.2	-1.0
8	#26100.00	42.6 AV	68.2	-25.6	1.63 H	274	43.6	-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	*6525.00	93.2 PK			3.87 V	318	85.1	8.1
2	*6525.00	83.7 AV			3.87 V	318	75.6	8.1
3	#13050.00	43.9 PK	88.2	-44.3	2.79 V	329	28.7	15.2
4	#13050.00	34.6 AV	68.2	-33.6	2.79 V	329	19.4	15.2
5	19575.00	52.8 PK	74.0	-21.2	2.16 V	181	59.1	-6.3
6	19575.00	41.3 AV	54.0	-12.7	2.16 V	181	47.6	-6.3
7	#26100.00	55.3 PK	88.2	-32.9	1.91 V	100	56.3	-1.0
8	#26100.00	43.6 AV	68.2	-24.6	1.91 V	100	44.6	-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. " * ": Fundamental frequency.
6. " # ": 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	*6565.00	94.8 PK			1.53 H	13	86.5	8.3
2	*6565.00	85.4 AV			1.53 H	13	77.1	8.3
3	#13130.00	46.3 PK	88.2	-41.9	2.62 H	169	30.7	15.6
4	#13130.00	36.5 AV	68.2	-31.7	2.62 H	169	20.9	15.6
5	19695.00	52.8 PK	74.0	-21.2	1.59 H	252	59.0	-6.2
6	19695.00	40.3 AV	54.0	-13.7	1.59 H	252	46.5	-6.2
7	#26260.00	55.0 PK	88.2	-33.2	1.69 H	289	56.0	-1.0
8	#26260.00	42.7 AV	68.2	-25.5	1.69 H	289	43.7	-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	*6565.00	91.8 PK			3.75 V	309	83.5	8.3
2	*6565.00	82.7 AV			3.75 V	309	74.4	8.3
3	#13130.00	44.7 PK	88.2	-43.5	2.78 V	304	29.1	15.6
4	#13130.00	35.3 AV	68.2	-32.9	2.78 V	304	19.7	15.6
5	19695.00	52.1 PK	74.0	-21.9	2.08 V	174	58.3	-6.2
6	19695.00	40.7 AV	54.0	-13.3	2.08 V	174	46.9	-6.2
7	#26260.00	55.7 PK	88.2	-32.5	1.87 V	118	56.7	-1.0
8	#26260.00	43.9 AV	68.2	-24.3	1.87 V	118	44.9	-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. " * ": Fundamental frequency.
6. " # ": 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	*6725.00	95.5 PK			1.53 H	6	87.3	8.2
2	*6725.00	85.9 AV			1.53 H	6	77.7	8.2
3	#13450.00	46.3 PK	88.2	-41.9	2.67 H	165	30.0	16.3
4	#13450.00	36.7 AV	68.2	-31.5	2.67 H	165	20.4	16.3
5	20175.00	52.8 PK	74.0	-21.2	1.58 H	272	58.2	-5.4
6	20175.00	40.7 AV	54.0	-13.3	1.58 H	272	46.1	-5.4
7	#26900.00	55.1 PK	88.2	-33.1	1.65 H	268	56.1	-1.0
8	#26900.00	42.8 AV	68.2	-25.4	1.65 H	268	43.8	-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	*6725.00	93.1 PK			3.84 V	317	84.9	8.2
2	*6725.00	84.1 AV			3.84 V	317	75.9	8.2
3	#13450.00	44.3 PK	88.2	-43.9	2.82 V	323	28.0	16.3
4	#13450.00	35.2 AV	68.2	-33.0	2.82 V	323	18.9	16.3
5	20175.00	52.7 PK	74.0	-21.3	2.05 V	175	58.1	-5.4
6	20175.00	41.3 AV	54.0	-12.7	2.05 V	175	46.7	-5.4
7	#26900.00	55.8 PK	88.2	-32.4	1.91 V	108	56.8	-1.0
8	#26900.00	44.2 AV	68.2	-24.0	1.91 V	108	45.2	-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. " * ": Fundamental frequency.
6. " # ": 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	*6845.00	94.7 PK			1.57 H	5	86.4	8.3
2	*6845.00	85.8 AV			1.57 H	5	77.5	8.3
3	#13690.00	45.9 PK	88.2	-42.3	2.69 H	168	28.9	17.0
4	#13690.00	36.4 AV	68.2	-31.8	2.69 H	168	19.4	17.0
5	20535.00	52.1 PK	74.0	-21.9	1.66 H	272	57.3	-5.2
6	20535.00	40.1 AV	54.0	-13.9	1.66 H	272	45.3	-5.2
7	#27380.00	55.2 PK	88.2	-33.0	1.67 H	278	56.6	-1.4
8	#27380.00	42.6 AV	68.2	-25.6	1.67 H	278	44.0	-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	*6845.00	93.1 PK			3.77 V	313	84.8	8.3
2	*6845.00	83.8 AV			3.77 V	313	75.5	8.3
3	#13690.00	44.5 PK	88.2	-43.7	2.84 V	316	27.5	17.0
4	#13690.00	35.4 AV	68.2	-32.8	2.84 V	316	18.4	17.0
5	20535.00	52.0 PK	74.0	-22.0	2.09 V	180	57.2	-5.2
6	20535.00	40.8 AV	54.0	-13.2	2.09 V	180	46.0	-5.2
7	#27380.00	55.2 PK	88.2	-33.0	1.90 V	113	56.6	-1.4
8	#27380.00	43.7 AV	68.2	-24.5	1.90 V	113	45.1	-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. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 187 : 6885 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	*6885.00	95.1 PK			1.57 H	6	86.5	8.6
2	*6885.00	86.0 AV			1.57 H	6	77.4	8.6
3	#13770.00	46.7 PK	88.2	-41.5	2.61 H	166	29.6	17.1
4	#13770.00	36.9 AV	68.2	-31.3	2.61 H	166	19.8	17.1
5	20655.00	52.6 PK	74.0	-21.4	1.57 H	254	57.5	-4.9
6	20655.00	40.3 AV	54.0	-13.7	1.57 H	254	45.2	-4.9
7	#27540.00	55.2 PK	88.2	-33.0	1.66 H	292	56.7	-1.5
8	#27540.00	42.7 AV	68.2	-25.5	1.66 H	292	44.2	-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	*6885.00	92.7 PK			3.77 V	299	84.1	8.6
2	*6885.00	83.5 AV			3.77 V	299	74.9	8.6
3	#13770.00	44.3 PK	88.2	-43.9	2.77 V	322	27.2	17.1
4	#13770.00	34.8 AV	68.2	-33.4	2.77 V	322	17.7	17.1
5	20655.00	52.4 PK	74.0	-21.6	2.10 V	177	57.3	-4.9
6	20655.00	40.8 AV	54.0	-13.2	2.10 V	177	45.7	-4.9
7	#27540.00	55.6 PK	88.2	-32.6	1.81 V	129	57.1	-1.5
8	#27540.00	44.1 AV	68.2	-24.1	1.81 V	129	45.6	-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. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 211 : 7005 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	*7005.00	98.6 PK			1.92 H	23	89.4	9.2
2	*7005.00	88.1 AV			1.92 H	23	78.9	9.2
3	#14010.00	46.6 PK	88.2	-41.6	2.67 H	186	29.3	17.3
4	#14010.00	36.9 AV	68.2	-31.3	2.67 H	186	19.6	17.3
5	21015.00	53.0 PK	74.0	-21.0	1.67 H	253	57.5	-4.5
6	21015.00	40.7 AV	54.0	-13.3	1.67 H	253	45.2	-4.5
7	#28020.00	54.6 PK	88.2	-33.6	1.70 H	294	56.3	-1.7
8	#28020.00	42.4 AV	68.2	-25.8	1.70 H	294	44.1	-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	*7005.00	92.6 PK			3.80 V	313	83.4	9.2
2	*7005.00	83.9 AV			3.80 V	313	74.7	9.2
3	#14010.00	44.2 PK	88.2	-44.0	2.87 V	330	26.9	17.3
4	#14010.00	35.0 AV	68.2	-33.2	2.87 V	330	17.7	17.3
5	21015.00	52.1 PK	74.0	-21.9	2.15 V	184	56.6	-4.5
6	21015.00	40.6 AV	54.0	-13.4	2.15 V	184	45.1	-4.5
7	#28020.00	55.5 PK	88.2	-32.7	1.85 V	128	57.2	-1.7
8	#28020.00	44.0 AV	68.2	-24.2	1.85 V	128	45.7	-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. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 227 : 7085 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	*7085.00	98.6 PK			1.96 H	22	88.5	10.1
2	*7085.00	88.2 AV			1.96 H	22	78.1	10.1
3	#7131.52	55.8 PK	88.2	-32.4	1.96 H	22	45.4	10.4
4	#7131.52	48.5 AV	68.2	-19.7	1.96 H	22	38.1	10.4
5	#14170.00	46.3 PK	88.2	-41.9	2.69 H	171	28.2	18.1
6	#14170.00	36.8 AV	68.2	-31.4	2.69 H	171	18.7	18.1
7	21255.00	53.0 PK	74.0	-21.0	1.63 H	253	57.3	-4.3
8	21255.00	40.9 AV	54.0	-13.1	1.63 H	253	45.2	-4.3
9	#28340.00	54.6 PK	88.2	-33.6	1.60 H	277	56.2	-1.6
10	#28340.00	42.2 AV	68.2	-26.0	1.60 H	277	43.8	-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	*7085.00	93.6 PK			3.82 V	328	83.5	10.1
2	*7085.00	84.8 AV			3.82 V	328	74.7	10.1
3	#7131.27	55.9 PK	88.2	-32.3	3.82 V	328	45.5	10.4
4	#7131.27	46.1 AV	68.2	-22.1	3.82 V	328	35.7	10.4
5	#14170.00	44.7 PK	88.2	-43.5	2.82 V	330	26.6	18.1
6	#14170.00	35.2 AV	68.2	-33.0	2.82 V	330	17.1	18.1
7	21255.00	51.7 PK	74.0	-22.3	2.13 V	196	56.0	-4.3
8	21255.00	40.4 AV	54.0	-13.6	2.13 V	196	44.7	-4.3
9	#28340.00	56.2 PK	88.2	-32.0	1.87 V	113	57.8	-1.6
10	#28340.00	44.3 AV	68.2	-23.9	1.87 V	113	45.9	-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. " * ": Fundamental frequency.
6. " # ": 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	#5913.20	66.1 PK	88.2	-22.1	1.39 H	8	60.5	5.6
2	#5913.20	49.1 AV	68.2	-19.1	1.39 H	8	43.5	5.6
3	*5985.00	97.3 PK			1.39 H	8	91.5	5.8
4	*5985.00	87.6 AV			1.39 H	8	81.8	5.8
5	11970.00	46.0 PK	74.0	-28.0	2.63 H	168	31.6	14.4
6	11970.00	36.6 AV	54.0	-17.4	2.63 H	168	22.2	14.4
7	17955.00	52.5 PK	74.0	-21.5	1.59 H	254	29.9	22.6
8	17955.00	40.3 AV	54.0	-13.7	1.59 H	254	17.7	22.6
9	23940.00	54.7 PK	74.0	-19.3	1.59 H	294	57.8	-3.1
10	23940.00	41.9 AV	54.0	-12.1	1.59 H	294	45.0	-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	#5909.00	53.6 PK	88.2	-34.6	3.62 V	353	48.0	5.6
2	#5909.00	43.9 AV	68.2	-24.3	3.62 V	353	38.3	5.6
3	*5985.00	94.6 PK			3.62 V	353	88.8	5.8
4	*5985.00	84.9 AV			3.62 V	353	79.1	5.8
5	11970.00	44.0 PK	74.0	-30.0	2.78 V	312	29.6	14.4
6	11970.00	34.8 AV	54.0	-19.2	2.78 V	312	20.4	14.4
7	17955.00	51.8 PK	74.0	-22.2	2.17 V	183	29.2	22.6
8	17955.00	40.5 AV	54.0	-13.5	2.17 V	183	17.9	22.6
9	23940.00	55.9 PK	74.0	-18.1	1.91 V	128	59.0	-3.1
10	23940.00	44.3 AV	54.0	-9.7	1.91 V	128	47.4	-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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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	*6145.00	96.6 PK			1.28 H	10	90.6	6.0
2	*6145.00	87.3 AV			1.28 H	10	81.3	6.0
3	12290.00	46.0 PK	74.0	-28.0	2.67 H	168	31.1	14.9
4	12290.00	36.3 AV	54.0	-17.7	2.67 H	168	21.4	14.9
5	18435.00	52.5 PK	74.0	-21.5	1.67 H	252	59.1	-6.6
6	18435.00	40.2 AV	54.0	-13.8	1.67 H	252	46.8	-6.6
7	#24580.00	55.4 PK	88.2	-32.8	1.67 H	265	57.7	-2.3
8	#24580.00	42.7 AV	68.2	-25.5	1.67 H	265	45.0	-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	*6145.00	94.1 PK			3.65 V	320	88.1	6.0
2	*6145.00	84.8 AV			3.65 V	320	78.8	6.0
3	12290.00	43.8 PK	74.0	-30.2	2.84 V	317	28.9	14.9
4	12290.00	34.7 AV	54.0	-19.3	2.84 V	317	19.8	14.9
5	18435.00	52.0 PK	74.0	-22.0	2.12 V	195	58.6	-6.6
6	18435.00	40.5 AV	54.0	-13.5	2.12 V	195	47.1	-6.6
7	#24580.00	55.9 PK	88.2	-32.3	1.83 V	125	58.2	-2.3
8	#24580.00	44.3 AV	68.2	-23.9	1.83 V	125	46.6	-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. " * ": Fundamental frequency.
6. " # ": 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	*6385.00	96.3 PK			1.31 H	13	89.4	6.9
2	*6385.00	86.9 AV			1.31 H	13	80.0	6.9
3	#12770.00	45.7 PK	88.2	-42.5	2.65 H	190	30.7	15.0
4	#12770.00	36.1 AV	68.2	-32.1	2.65 H	190	21.1	15.0
5	19155.00	52.4 PK	74.0	-21.6	1.68 H	264	58.9	-6.5
6	19155.00	40.3 AV	54.0	-13.7	1.68 H	264	46.8	-6.5
7	#25540.00	55.5 PK	88.2	-32.7	1.68 H	276	56.9	-1.4
8	#25540.00	42.7 AV	68.2	-25.5	1.68 H	276	44.1	-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	*6385.00	95.7 PK			3.52 V	240	88.8	6.9
2	*6385.00	85.2 AV			3.52 V	240	78.3	6.9
3	#12770.00	44.4 PK	88.2	-43.8	2.84 V	302	29.4	15.0
4	#12770.00	34.9 AV	68.2	-33.3	2.84 V	302	19.9	15.0
5	19155.00	52.3 PK	74.0	-21.7	2.08 V	197	58.8	-6.5
6	19155.00	40.6 AV	54.0	-13.4	2.08 V	197	47.1	-6.5
7	#25540.00	56.2 PK	88.2	-32.0	1.84 V	109	57.6	-1.4
8	#25540.00	44.4 AV	68.2	-23.8	1.84 V	109	45.8	-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. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 103 : 6465 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	*6465.00	95.0 PK			1.25 H	17	87.3	7.7
2	*6465.00	85.9 AV			1.25 H	17	78.2	7.7
3	#12930.00	46.5 PK	88.2	-41.7	2.69 H	174	31.6	14.9
4	#12930.00	36.5 AV	68.2	-31.7	2.69 H	174	21.6	14.9
5	19395.00	53.0 PK	74.0	-21.0	1.66 H	249	59.2	-6.2
6	19395.00	40.8 AV	54.0	-13.2	1.66 H	249	47.0	-6.2
7	#25860.00	54.7 PK	88.2	-33.5	1.63 H	282	56.0	-1.3
8	#25860.00	42.0 AV	68.2	-26.2	1.63 H	282	43.3	-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	*6465.00	95.7 PK			3.55 V	214	88.0	7.7
2	*6465.00	85.2 AV			3.55 V	214	77.5	7.7
3	#12930.00	44.3 PK	88.2	-43.9	2.78 V	332	29.4	14.9
4	#12930.00	35.0 AV	68.2	-33.2	2.78 V	332	20.1	14.9
5	19395.00	52.5 PK	74.0	-21.5	2.17 V	197	58.7	-6.2
6	19395.00	41.0 AV	54.0	-13.0	2.17 V	197	47.2	-6.2
7	#25860.00	55.5 PK	88.2	-32.7	1.88 V	129	56.8	-1.3
8	#25860.00	44.0 AV	68.2	-24.2	1.88 V	129	45.3	-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. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 119 : 6545 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	*6545.00	94.9 PK			1.24 H	35	86.7	8.2
2	*6545.00	85.3 AV			1.24 H	35	77.1	8.2
3	#13090.00	47.0 PK	88.2	-41.2	2.64 H	181	31.6	15.4
4	#13090.00	37.0 AV	68.2	-31.2	2.64 H	181	21.6	15.4
5	19635.00	52.4 PK	74.0	-21.6	1.67 H	255	58.7	-6.3
6	19635.00	40.3 AV	54.0	-13.7	1.67 H	255	46.6	-6.3
7	#26180.00	54.9 PK	88.2	-33.3	1.65 H	276	55.9	-1.0
8	#26180.00	42.7 AV	68.2	-25.5	1.65 H	276	43.7	-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	*6545.00	93.6 PK			3.60 V	233	85.4	8.2
2	*6545.00	83.2 AV			3.60 V	233	75.0	8.2
3	#13090.00	44.2 PK	88.2	-44.0	2.85 V	313	28.8	15.4
4	#13090.00	35.0 AV	68.2	-33.2	2.85 V	313	19.6	15.4
5	19635.00	52.4 PK	74.0	-21.6	2.07 V	185	58.7	-6.3
6	19635.00	40.6 AV	54.0	-13.4	2.07 V	185	46.9	-6.3
7	#26180.00	55.4 PK	88.2	-32.8	1.84 V	120	56.4	-1.0
8	#26180.00	43.8 AV	68.2	-24.4	1.84 V	120	44.8	-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. " * ": Fundamental frequency.
6. " # ": 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	*6625.00	94.4 PK			1.22 H	15	86.1	8.3
2	*6625.00	85.3 AV			1.22 H	15	77.0	8.3
3	13250.00	46.0 PK	74.0	-28.0	2.62 H	170	29.8	16.2
4	13250.00	36.3 AV	54.0	-17.7	2.62 H	170	20.1	16.2
5	19875.00	52.6 PK	74.0	-21.4	1.65 H	269	58.6	-6.0
6	19875.00	40.2 AV	54.0	-13.8	1.65 H	269	46.2	-6.0
7	#26500.00	54.7 PK	88.2	-33.5	1.62 H	273	55.1	-0.4
8	#26500.00	42.5 AV	68.2	-25.7	1.62 H	273	42.9	-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	*6625.00	92.9 PK			3.58 V	218	84.6	8.3
2	*6625.00	82.7 AV			3.58 V	218	74.4	8.3
3	13250.00	44.8 PK	74.0	-29.2	2.87 V	324	28.6	16.2
4	13250.00	35.5 AV	54.0	-18.5	2.87 V	324	19.3	16.2
5	19875.00	52.2 PK	74.0	-21.8	2.13 V	194	58.2	-6.0
6	19875.00	40.4 AV	54.0	-13.6	2.13 V	194	46.4	-6.0
7	#26500.00	55.2 PK	88.2	-33.0	1.81 V	103	55.6	-0.4
8	#26500.00	43.6 AV	68.2	-24.6	1.81 V	103	44.0	-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. " * ": Fundamental frequency.
6. " # ": 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	*6705.00	94.9 PK			1.26 H	41	86.7	8.2
2	*6705.00	85.8 AV			1.26 H	41	77.6	8.2
3	#13410.00	46.0 PK	88.2	-42.2	2.67 H	190	29.8	16.2
4	#13410.00	36.2 AV	68.2	-32.0	2.67 H	190	20.0	16.2
5	20115.00	52.0 PK	74.0	-22.0	1.65 H	275	57.5	-5.5
6	20115.00	40.1 AV	54.0	-13.9	1.65 H	275	45.6	-5.5
7	#26820.00	54.9 PK	88.2	-33.3	1.60 H	276	55.7	-0.8
8	#26820.00	42.5 AV	68.2	-25.7	1.60 H	276	43.3	-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	*6705.00	94.0 PK			3.55 V	218	85.8	8.2
2	*6705.00	83.4 AV			3.55 V	218	75.2	8.2
3	#13410.00	44.3 PK	88.2	-43.9	2.81 V	303	28.1	16.2
4	#13410.00	34.9 AV	68.2	-33.3	2.81 V	303	18.7	16.2
5	20115.00	52.6 PK	74.0	-21.4	2.15 V	169	58.1	-5.5
6	20115.00	41.1 AV	54.0	-12.9	2.15 V	169	46.6	-5.5
7	#26820.00	55.6 PK	88.2	-32.6	1.83 V	104	56.4	-0.8
8	#26820.00	43.9 AV	68.2	-24.3	1.83 V	104	44.7	-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. " * ": Fundamental frequency.
6. " # ": 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	*6785.00	94.9 PK			1.25 H	38	86.7	8.2
2	*6785.00	85.4 AV			1.25 H	38	77.2	8.2
3	#13570.00	46.1 PK	88.2	-42.1	2.67 H	182	29.4	16.7
4	#13570.00	36.3 AV	68.2	-31.9	2.67 H	182	19.6	16.7
5	20355.00	52.3 PK	74.0	-21.7	1.57 H	262	57.8	-5.5
6	20355.00	40.2 AV	54.0	-13.8	1.57 H	262	45.7	-5.5
7	#27140.00	55.5 PK	88.2	-32.7	1.69 H	272	56.9	-1.4
8	#27140.00	42.8 AV	68.2	-25.4	1.69 H	272	44.2	-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	*6785.00	95.0 PK			3.48 V	232	86.8	8.2
2	*6785.00	84.8 AV			3.48 V	232	76.6	8.2
3	#13570.00	44.6 PK	88.2	-43.6	2.86 V	319	27.9	16.7
4	#13570.00	35.5 AV	68.2	-32.7	2.86 V	319	18.8	16.7
5	20355.00	52.1 PK	74.0	-21.9	2.08 V	187	57.6	-5.5
6	20355.00	40.8 AV	54.0	-13.2	2.08 V	187	46.3	-5.5
7	#27140.00	56.0 PK	88.2	-32.2	1.88 V	101	57.4	-1.4
8	#27140.00	44.4 AV	68.2	-23.8	1.88 V	101	45.8	-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. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 183 : 6865 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	*6865.00	94.0 PK			1.23 H	43	85.6	8.4
2	*6865.00	84.6 AV			1.23 H	43	76.2	8.4
3	#13730.00	45.9 PK	88.2	-42.3	2.65 H	192	28.8	17.1
4	#13730.00	36.3 AV	68.2	-31.9	2.65 H	192	19.2	17.1
5	20595.00	52.0 PK	74.0	-22.0	1.67 H	266	56.9	-4.9
6	20595.00	40.1 AV	54.0	-13.9	1.67 H	266	45.0	-4.9
7	#27460.00	55.2 PK	88.2	-33.0	1.66 H	279	56.7	-1.5
8	#27460.00	42.5 AV	68.2	-25.7	1.66 H	279	44.0	-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	*6865.00	94.3 PK			3.58 V	231	85.9	8.4
2	*6865.00	84.2 AV			3.58 V	231	75.8	8.4
3	#13730.00	44.6 PK	88.2	-43.6	2.84 V	307	27.5	17.1
4	#13730.00	35.1 AV	68.2	-33.1	2.84 V	307	18.0	17.1
5	20595.00	53.0 PK	74.0	-21.0	2.08 V	192	57.9	-4.9
6	20595.00	41.3 AV	54.0	-12.7	2.08 V	192	46.2	-4.9
7	#27460.00	56.0 PK	88.2	-32.2	1.86 V	109	57.5	-1.5
8	#27460.00	44.3 AV	68.2	-23.9	1.86 V	109	45.8	-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. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 199 : 6945 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	*6945.00	97.5 PK			2.10 H	34	88.1	9.4
2	*6945.00	88.1 AV			2.10 H	34	78.7	9.4
3	#13890.00	46.1 PK	88.2	-42.1	2.70 H	172	28.9	17.2
4	#13890.00	36.2 AV	68.2	-32.0	2.70 H	172	19.0	17.2
5	20835.00	53.0 PK	74.0	-21.0	1.66 H	250	57.8	-4.8
6	20835.00	40.6 AV	54.0	-13.4	1.66 H	250	45.4	-4.8
7	#27780.00	54.5 PK	88.2	-33.7	1.65 H	283	56.2	-1.7
8	#27780.00	42.2 AV	68.2	-26.0	1.65 H	283	43.9	-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	*6945.00	94.6 PK			3.50 V	242	85.2	9.4
2	*6945.00	85.4 AV			3.50 V	242	76.0	9.4
3	#13890.00	44.1 PK	88.2	-44.1	2.85 V	327	26.9	17.2
4	#13890.00	34.9 AV	68.2	-33.3	2.85 V	327	17.7	17.2
5	20835.00	52.1 PK	74.0	-21.9	2.13 V	187	56.9	-4.8
6	20835.00	40.6 AV	54.0	-13.4	2.13 V	187	45.4	-4.8
7	#27780.00	55.0 PK	88.2	-33.2	1.90 V	118	56.7	-1.7
8	#27780.00	43.6 AV	68.2	-24.6	1.90 V	118	45.3	-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. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 215 : 7025 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	*7025.00	97.8 PK			2.03 H	11	88.4	9.4
2	*7025.00	88.4 AV			2.03 H	11	79.0	9.4
3	#7133.19	59.0 PK	88.2	-29.2	2.03 H	11	48.6	10.4
4	#7133.19	50.2 AV	68.2	-18.0	2.03 H	11	39.8	10.4
5	#14050.00	46.3 PK	88.2	-41.9	2.66 H	179	28.9	17.4
6	#14050.00	36.6 AV	68.2	-31.6	2.66 H	179	19.2	17.4
7	21075.00	52.6 PK	74.0	-21.4	1.63 H	259	57.0	-4.4
8	21075.00	40.4 AV	54.0	-13.6	1.63 H	259	44.8	-4.4
9	#28100.00	54.9 PK	88.2	-33.3	1.65 H	279	56.6	-1.7
10	#28100.00	42.4 AV	68.2	-25.8	1.65 H	279	44.1	-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	*7025.00	95.2 PK			3.54 V	220	85.8	9.4
2	*7025.00	85.4 AV			3.54 V	220	76.0	9.4
3	#7133.19	55.9 PK	88.2	-32.3	3.54 V	220	45.5	10.4
4	#7133.19	46.2 AV	68.2	-22.0	3.54 V	220	35.8	10.4
5	#14050.00	45.1 PK	88.2	-43.1	2.81 V	321	27.7	17.4
6	#14050.00	35.6 AV	68.2	-32.6	2.81 V	321	18.2	17.4
7	21075.00	52.2 PK	74.0	-21.8	2.14 V	177	56.6	-4.4
8	21075.00	41.0 AV	54.0	-13.0	2.14 V	177	45.4	-4.4
9	#28100.00	55.4 PK	88.2	-32.8	1.89 V	130	57.1	-1.7
10	#28100.00	44.0 AV	68.2	-24.2	1.89 V	130	45.7	-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. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

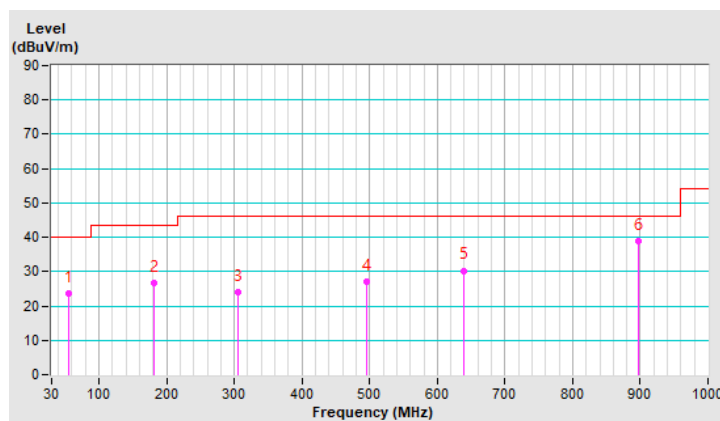
Below 1GHz Data:

RF Mode	TX 802.11ax (HE80)	Channel	CH 7 : 5985 MHz
Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)

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	55.20	23.6 QP	40.0	-16.4	1.00 H	264	31.9	-8.3
2	181.54	26.7 QP	43.5	-16.8	1.50 H	0	36.1	-9.4
3	306.38	24.1 QP	46.0	-21.9	1.00 H	306	30.4	-6.3
4	495.65	27.1 QP	46.0	-18.9	2.00 H	359	28.3	-1.2
5	638.84	30.3 QP	46.0	-15.7	2.00 H	264	28.1	2.2
6	896.82	38.8 QP	46.0	-7.2	1.50 H	277	32.2	6.6

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 of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

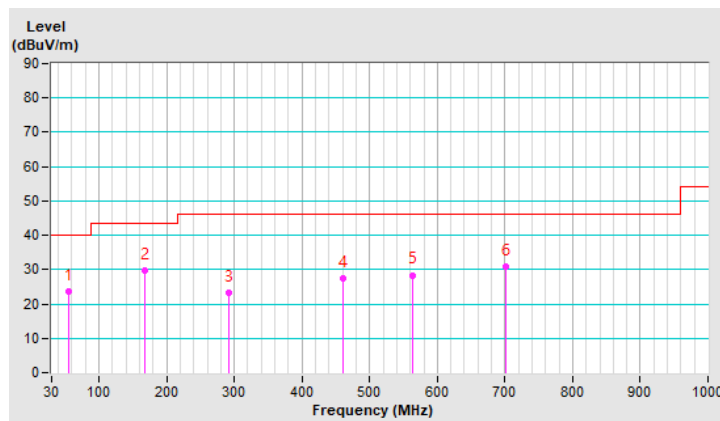


RF Mode	TX 802.11ax (HE80)	Channel	CH 7 : 5985 MHz
Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)

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	55.20	23.6 QP	40.0	-16.4	1.00 V	264	31.9	-8.3
2	168.03	29.8 QP	43.5	-13.7	2.00 V	165	37.9	-8.1
3	291.46	23.1 QP	46.0	-22.9	1.50 V	172	30.0	-6.9
4	461.12	27.5 QP	46.0	-18.5	1.50 V	276	29.3	-1.8
5	562.58	28.4 QP	46.0	-17.6	1.50 V	134	28.3	0.1
6	700.29	30.9 QP	46.0	-15.1	1.00 V	360	27.8	3.1

Remarks:

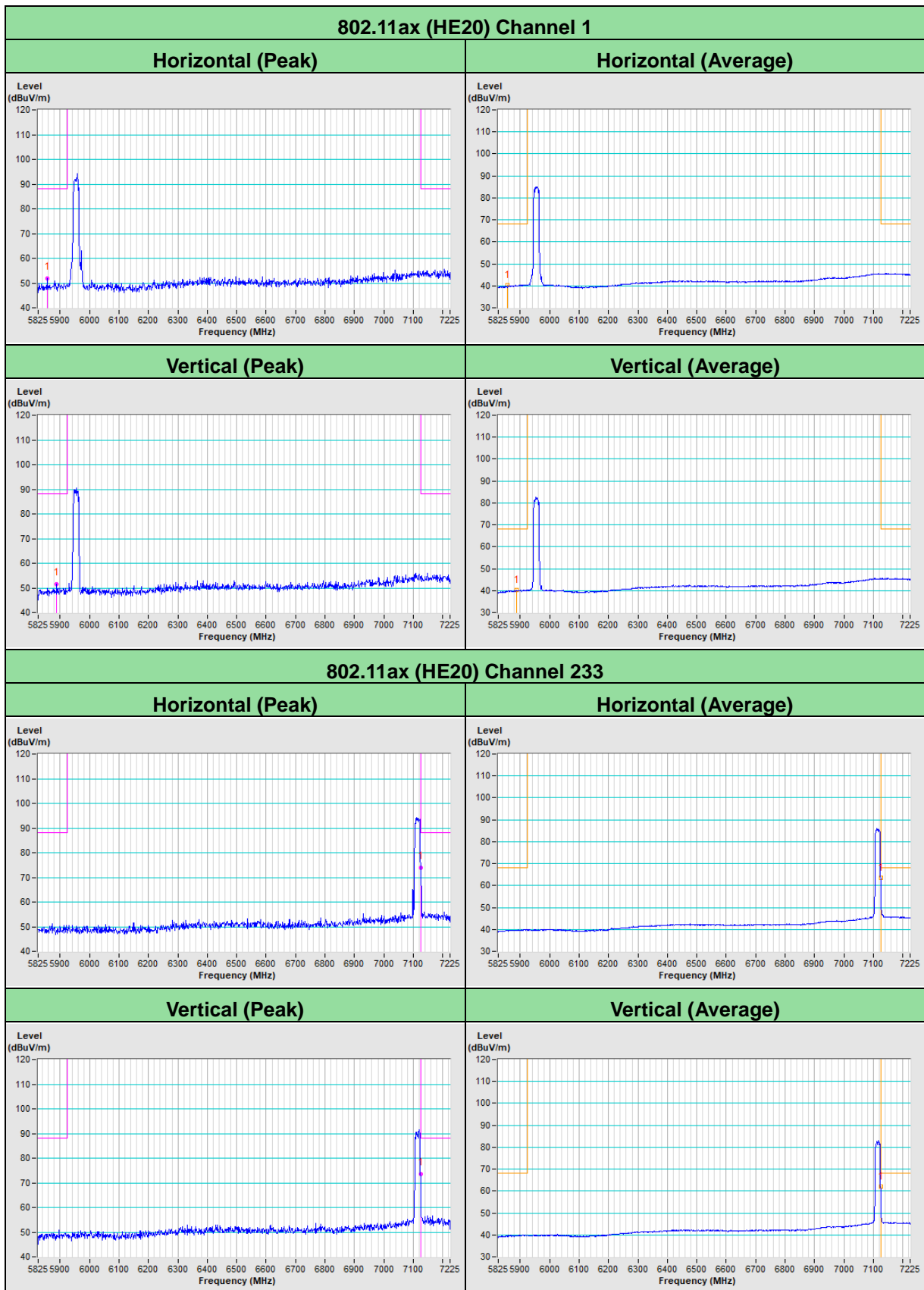
1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



5 Pictures of Test Arrangements

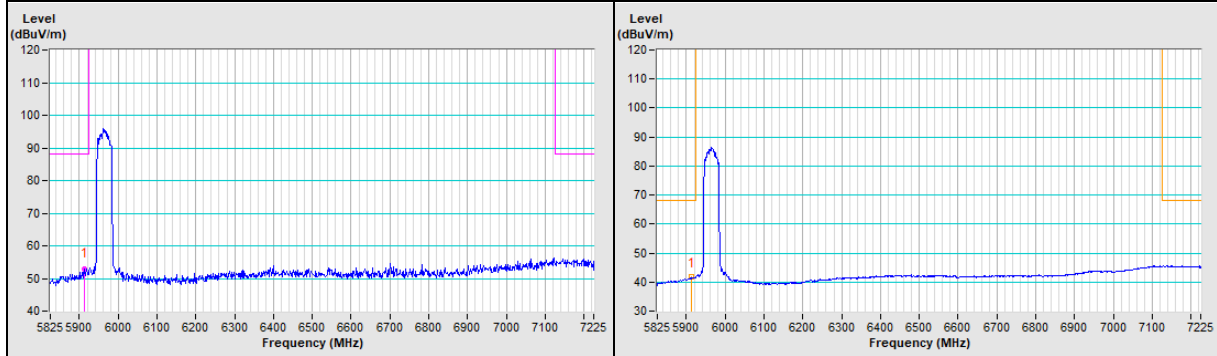
Please refer to the attached file (Test Setup Photo).

Annex A - Band-Edge Measurement

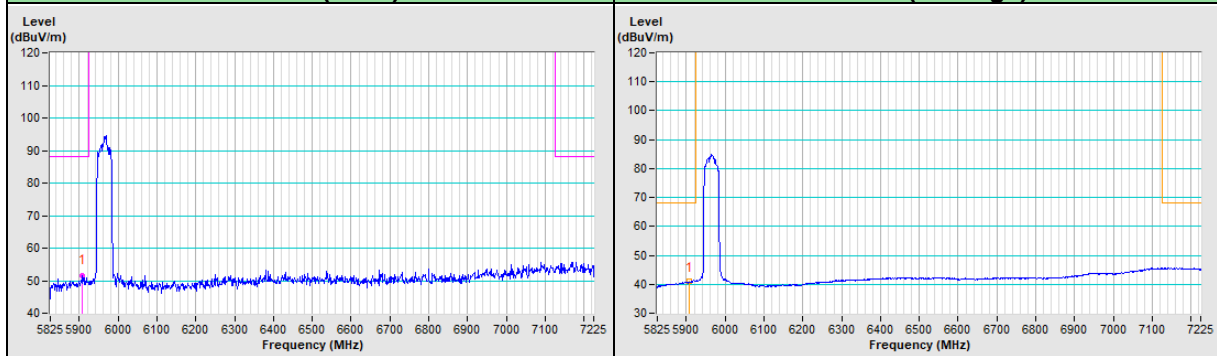


802.11ax (HE40) Channel 3

Horizontal (Peak)	Horizontal (Average)
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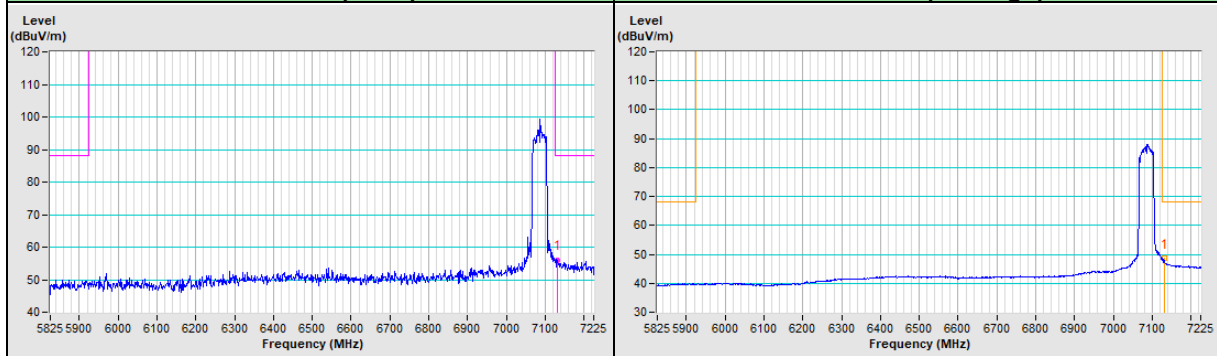


Vertical (Peak)	Vertical (Average)
-----------------	--------------------

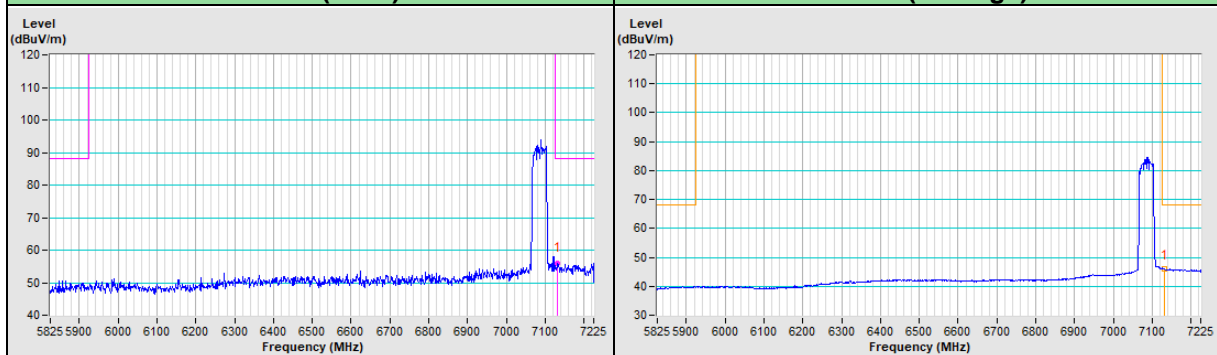


802.11ax (HE40) Channel 227

Horizontal (Peak)	Horizontal (Average)
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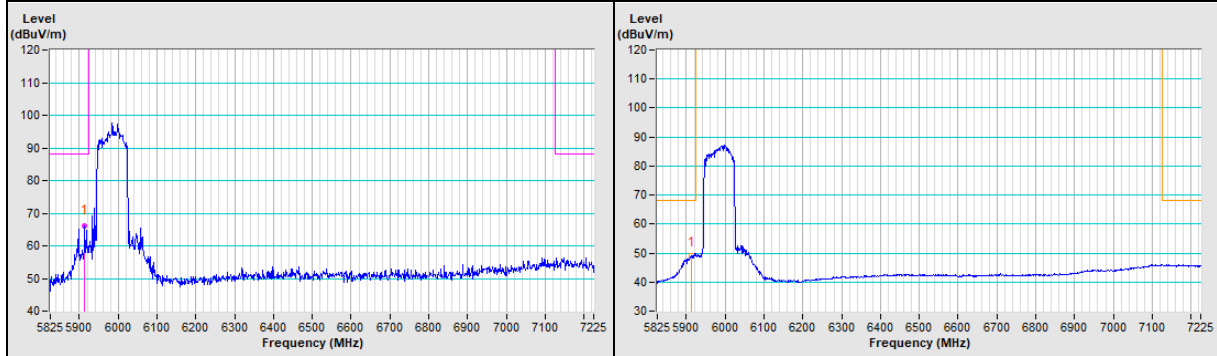


Vertical (Peak)	Vertical (Average)
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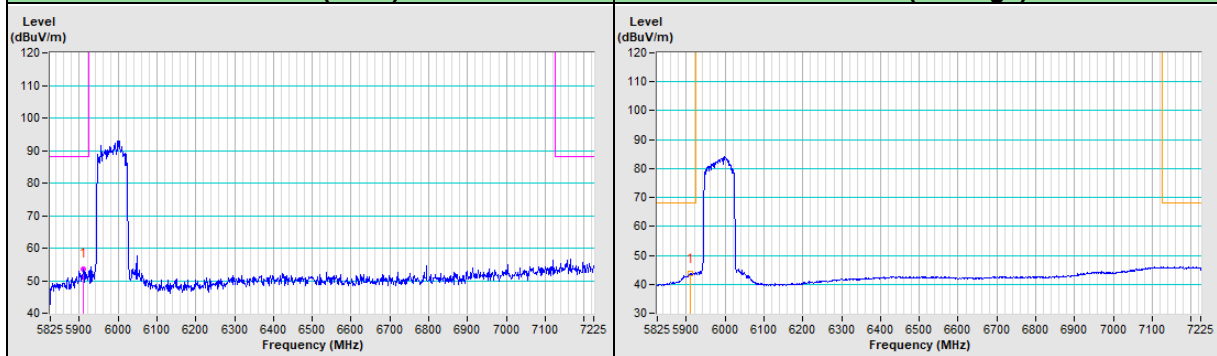


802.11ax (HE80) Channel 7

Horizontal (Peak)	Horizontal (Average)
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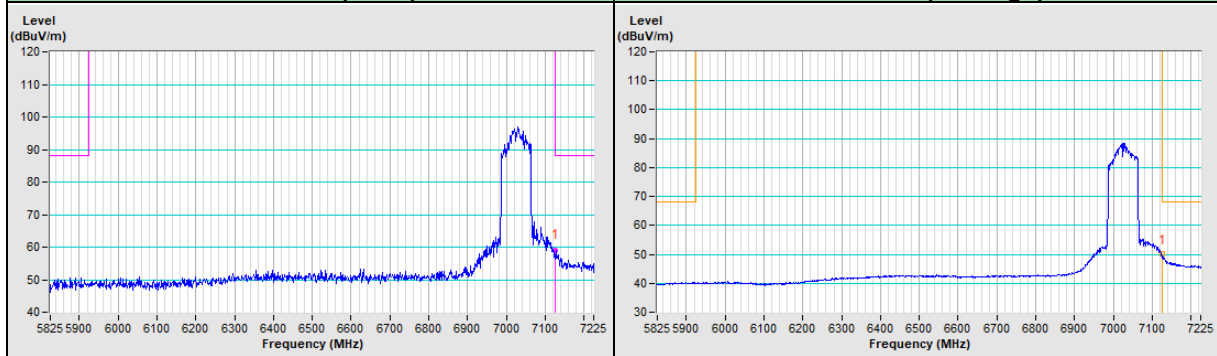


Vertical (Peak)	Vertical (Average)
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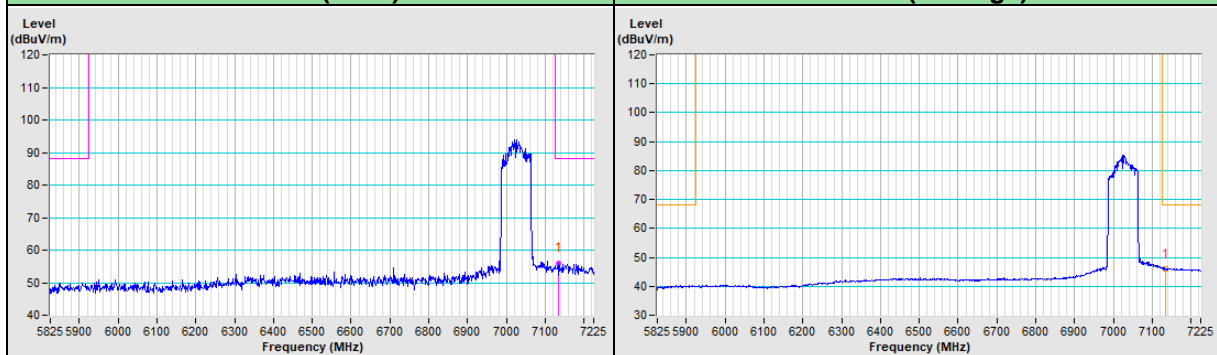


802.11ax (HE80) Channel 215

Horizontal (Peak)	Horizontal (Average)
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Vertical (Peak)	Vertical (Average)
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Appendix A– Information of the Testing Laboratories

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

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

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Email: service.adt@tw.bureauveritas.com

Web Site: www.bureauveritas-adt.com

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

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