FCC Test Report

Report No.: RF190211C09B-1

FCC ID: 2AHBN-AP43

Test Model: AP43E, AP43

Received Date: Feb. 11, 2019

Test Date: Apr. 22, 2019 ~ Apr. 08, 2020

Issued Date: Apr. 15, 2020

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Release Control Record

Issue No.	Description	Date Issued
RF190211C09B-1	Original release	Apr. 15, 2020

1 Certificate of Conformity

Product: Premium 802.11ax WiFi and BLE AP

Brand: Mist

Test Model: AP43E, AP43

Sample Status: Engineering sample

Applicant: Mist Systems, Inc.

Test Date: Apr. 22, 2019 ~ Apr. 08, 2020

Standards: 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 RF characteristics under the conditions specified in this report.

Prepared by : Celine Chou , **Date:** Apr. 15, 2020
Celine Chou / Senior Specialist

Approved by : Bruce Chen , **Date:** Apr. 15, 2020
Bruce Chen / Senior Project Engineer

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
FCC Clause	Test Item	Result	Remarks
15.407(b)(6)	AC Power Conducted Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -6.66dB at 13.62777MHz.
15.407(b) (1/2/3/4(i/ii)/6)	Radiated Emissions & Band Edge Measurement	Pass	Meet the requirement of limit. Minimum passing margin is -0.2dB at 5627.20MHz.
15.407(a)(1/2/3)	Max Average Transmit Power	Pass	Meet the requirement of limit.
---	Occupied Bandwidth Measurement	-	Reference only.
15.407(a)(1/2/3)	Peak Power Spectral Density	Pass	Meet the requirement of limit.
15.407(e)	6dB bandwidth	Pass	Meet the requirement of limit. (U-NII-3 Band only)
15.407(g)	Frequency Stability	Pass	Meet the requirement of limit.
15.203	Antenna Requirement	Pass	Antenna connector are IPEX and RPSMA not a standard connector.

Note:

1. For U-NII-3 band compliance with rule part 15.407(b)(4)(i), the OOBE test plots were recorded in Annex A.
2. For U-NII-1 band compliance with rule 15.407(b) of the band-edge items, the test plots were recorded in Annex B. Test Procedures refer to report 4.1.3.
3. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

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

Measurement	Frequency	Expanded Uncertainty (k=2) (±)
Conducted Emissions at mains ports	150kHz ~ 30MHz	2.79 dB
Radiated Emissions up to 1 GHz	9kHz ~ 30MHz	3.04 dB
	30MHz ~ 200MHz	3.63 dB
	200MHz ~1000MHz	3.64 dB
Radiated Emissions above 1 GHz	1GHz ~ 18GHz	2.29 dB
	18GHz ~ 40GHz	2.29 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	Premium 802.11ax WiFi and BLE AP
Brand	Mist
Test Model	AP43E, AP43
Power Supply rating	Refer to note
Sample Status	Engineering sample
Power Supply Rating	12Vdc from adapter 55Vdc from POE
Modulation Type	256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM 1024QAM for OFDMA
Modulation Technology	OFDM, OFDMA
Transfer Rate	802.11a: 54/48/36/24/18/12/9/6Mbps 802.11n: up to 600Mbps 802.11ac: up to 1733.3Mbps 802.11ax: up to 2400Mbps
Operating Frequency	5180 ~ 5240MHz, 5745 ~ 5825MHz
Number of Channel	5180~5240MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 4 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 2 802.11ac (VHT80), 802.11ax (HE80): 1 5745~5825MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 5 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 2 802.11ac (VHT80), 802.11ax (HE80): 1
Output Power	Refer to note
Antenna Type	Refer to note
Antenna Connector	Refer to note
Accessory Device	NA
Cable Supplied	NA

Note:

1. This report is prepared for FCC class II permissive change. The difference compared with the original report (BV CPS report no.: RF190211C09-1) are listing as below:
   - Software enable 1TX function for Radio card Eth7
   - Software enable 1TX, 2TX, 3TX function for Radio card Eth6 and Eth8.
   - Added one external antenna (Part Number: ATS-OP-245-810-4RPSP-36) for Radio card Eth6, Eth7 and Eth8.
   - Software enable 5.26GHz to 5.32GHz and 5.50GHz to 5.70GHz bands.

Radio Card	Initial Certified		C2PC added modes			
	Internal /External antenna	TX Function	Initial Internal /External antenna	TX Function	New External antenna	TX Function
Eth6	WLAN U-NII 1 & 3	4TX	WLAN U-NII 2A & 2C	1TX / 2TX / 3TX /4TX	WLAN U-NII 1 / 2A / 2C / 3	1TX / 2TX / 3TX / 4TX
			WLAN U-NII 1 & 3	1TX / 2TX / 3TX		
Eth7	WLAN 2.4G, WLAN U-NII 1 & 3 (U-NII 2A / 2C only RX function)	2TX	WLAN 2.4G, WLAN U-NII 1 & 3 (U-NII 2A / 2C only RX function)	1TX	WLAN 2.4G	1TX / 2TX
					WLAN U-NII 1 & 3 (U-NII 2A / 2C only RX function)	1TX / 2TX
Eth8	Internal antenna WLAN 2.4G, 5G U-NII 3	4TX	Internal antenna WLAN 2.4G, & U-NII 3	1TX / 2TX / 3TX	WLAN 2.4G	1TX / 2TX / 3TX / 4TX
			Internal antenna 5G U-NII-2C	1TX / 2TX / 3TX /4TX		
	External antenna WLAN 2.4G	4TX	External antenna WLAN 2.4G	1TX / 2TX / 3TX		

2. All models are listed as below. Model AP43 is the representative for final test.

Brand	Model	Difference
Mist	AP43E	For External Antenna
	AP43	For Internal Antenna

3. The EUT consumes power from the following adapter and PoE.

Adapter (support unit only)	
Brand	Channel Well Technology
Model	2ABN036F
Input	100-240Vac, 50-60Hz 1.7A
Output	12.0Vdc, 3.0A, 36W
Power Line	1.5m DC cable with one core attached on adapter

PoE (support unit only)	
Brand	Microsemi
Model	PD9001GR
Input Power	100-240Vac, 50/60Hz 0.67A
Output Power	55Vdc, 0.6A

4. The EUT incorporates a MIMO function. Physically, the EUT provides 4 completed transmitter and 4 receivers.

Radio: Eth6

Modulation Mode	TX Function	Beamforming
802.11a	1TX/2TX/3TX/4TX	Not Support
802.11n (HT20)	1TX/2TX/3TX/4TX	Support
802.11n (HT40)	1TX/2TX/3TX/4TX	Support
802.11ac (VHT20)	1TX/2TX/3TX/4TX	Support
802.11ac (VHT40)	1TX/2TX/3TX/4TX	Support
802.11ac (VHT80)	1TX/2TX/3TX/4TX	Support
802.11ax (HE20)	1TX/2TX/3TX/4TX	Support
802.11ax (HE40)	1TX/2TX/3TX/4TX	Support
802.11ax (HE80)	1TX/2TX/3TX/4TX	Support

* The bandwidth and modulation are similar for HT20/HT40 on 802.11n mode and VHT20/VHT40 on 802.11ac mode and HE20/HE40 on 802.11ax mode. Therefore the investigated worst case is the representative mode in test report. (Final test mode refer section 3.2.1)

* For 802.11n, CDD mode and Beamforming mode are presented in power output test item. For other test items, CDD mode is the worst case for final tests after pretesting.

Radio: Eth7

Modulation Mode	TX Function	Beamforming
802.11a	1TX/2TX	Not Support
802.11n (HT20)	1TX/2TX	Not Support
802.11n (HT40)	1TX/2TX	Not Support
802.11ac (VHT20)	1TX/2TX	Not Support
802.11ac (VHT40)	1TX/2TX	Not Support
802.11ac (VHT80)	1TX/2TX	Not Support
802.11ax (HE20)	1TX/2TX	Not Support
802.11ax (HE40)	1TX/2TX	Not Support
802.11ax (HE80)	1TX/2TX	Not Support

* The bandwidth and modulation are similar for HT20/HT40 on 802.11n mode and VHT20/VHT40 on 802.11ac mode and HE20/HE40 on 802.11ax mode. Therefore the investigated worst case is the representative mode in test report. (Final test mode refer section 3.2.1)

Radio: Eth8

Modulation Mode	TX Function	Beamforming
802.11a	1TX/2TX/3TX/4TX	Not Support
802.11n (HT20)	1TX/2TX/3TX/4TX	Support
802.11n (HT40)	1TX/2TX/3TX/4TX	Support
802.11ac (VHT20)	1TX/2TX/3TX/4TX	Support
802.11ac (VHT40)	1TX/2TX/3TX/4TX	Support
802.11ac (VHT80)	1TX/2TX/3TX/4TX	Support
802.11ax (HE20)	1TX/2TX/3TX/4TX	Support
802.11ax (HE40)	1TX/2TX/3TX/4TX	Support
802.11ax (HE80)	1TX/2TX/3TX/4TX	Support

* The bandwidth and modulation are similar for HT20/HT40 on 802.11n mode and VHT20/VHT40 on 802.11ac mode and HE20/HE40 on 802.11ax mode. Therefore the investigated worst case is the representative mode in test report. (Final test mode refer section 3.2.1)

* For 802.11n, CDD mode and Beamforming mode are presented in power output test item. For other test items, CDD mode is the worst case for final tests after pretesting.

5. The following antennas were provided to the EUT.

For Internal Antenna (original antenna)

Antenna Type	PIFA					
Antenna Connector	IPEX					
Gain (dBi)	Radio: Eth6		Radio: Eth7		Radio: Eth8	
	2.4GHz	5GHz	2.4GHz	5GHz	2.4GHz	5GHz
Int. WIFI Ant. 1	-	4.8	-	-	1.8	4.8
Int. WIFI Ant. 2	-	5.4	-	-	3.1	5.6
Int. WIFI Ant. 3	-	5.9	-	-	4.0	5.0
Int. WIFI Ant. 4	-	5.6	-	-	4.3	4.3
Scanning Radio Ant. 1	-	-	2.7	5.6	-	-
Scanning Radio Ant. 2	-	-	2.3	5.3	-	-
BT-Omni Mode	0.1					
BT-Directional Mode	4.5					

For External Antenna (support unit only) (original antenna)

Antenna Type	Patch	
Antenna Connector	RPSMA	
Part Number	ATS-OO-245-46-4RPSP-36	
Gain (dBi)	Frequency	
	2.4GHz	5GHz
Ext. WIFI Ant. 1	4	6

For External Antenna (support unit only) (new antenna)

Antenna Type	Patch	
Antenna Connector	RPSMA	
Part Number	ATS-OP-245-810-4RPSP-36	
Gain (dBi)	Frequency	
	2.4GHz	5GHz
Ext. WIFI Ant. 2	8	10

6. Output Power as below.

Mode	Frequency Band (MHz)	Output Power (mW)							
		CDD				Beamforming			
		1TX	2TX	3TX	4TX	1TX	2TX	3TX	4TX
Internal antenna + Eth6 Radio	5180-5240	145.211	224.202	226.566	261.454	-	224.202	226.566	236.808
	5745-5825	147.571	217.236	303.490	392.312	-	217.236	303.490	235.281
Internal antenna + Eth7 Radio	5180-5240	195.884	345.397	-	-	-	-	-	-
	5745-5825	212.814	349.272	-	-	-	-	-	-
Internal antenna + Eth8 Radio	5745-5825	146.555	342.000	515.749	711.904	-	342.000	356.387	284.068
External antenna – PN: ATS-OO-245-46-4RPSP-36 + Eth6 Radio	5180-5240	145.211	224.202	226.566	261.454	-	224.202	226.566	236.808
	5745-5825	147.571	217.236	303.490	392.312	-	217.236	303.490	235.281
External antenna – PN: ATS-OO-245-46-4RPSP-36 + Eth7 Radio	5180-5240	195.884	345.397	-	-	-	-	-	-
	5745-5825	212.814	349.272	-	-	-	-	-	-
External antenna – PN: ATS-OP-245-810-4RPSP-36 + Eth6 Radio	5180-5240	207.014	216.096	203.697	306.448	-	195.973	127.847	94.472
	5745-5825	107.399	215.053	347.816	392.374	-	192.544	121.004	98.802
External antenna – PN: ATS-OP-245-810-4RPSP-36 + Eth7 Radio	5180-5240	116.950	261.253	-	-	-	-	-	-
	5745-5825	107.399	213.812	-	-	-	-	-	-

3.2 Description of Test Modes

For 5180 ~ 5240MHz:

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

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

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40):

Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz

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

Channel	Frequency
42	5210MHz

For 5745 ~ 5825MHz:

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

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

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40):

Channel	Frequency	Channel	Frequency
151	5755MHz	159	5795MHz

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

Channel	Frequency
155	5775MHz

3.2.1 Test Mode Applicability and Tested Channel Detail

EUT Configure Mode	Applicable to				Description
	RE≥1G	RE<1G	PLC	APCM	
A	√	√	√	√	AP43 (Internal antenna) + Eth6 Radio + POE
B	-	√	√	-	AP43 (Internal antenna) + Eth6 Radio + Adapter
C	√	√	√	√	AP43 (Internal antenna) + Eth7 Radio + POE
D	-	√	√	-	AP43 (Internal antenna) + Eth7 Radio + Adapter
E	√	√	√	√	AP43 (Internal antenna) + Eth8 Radio + POE
F	-	√	√	-	AP43 (Internal antenna) + Eth8 Radio + Adapter
G	√	√	√	√	AP43E (External antenna – PN: ATS-OO-245-46-4RPSP-36) + Eth6 Radio + POE
H	-	√	√	-	AP43E (External antenna – PN: ATS-OO-245-46-4RPSP-36) + Eth6 Radio + Adapter
I	√	√	√	√	AP43E (External antenna – PN: ATS-OO-245-46-4RPSP-36) + Eth7 Radio + POE
J	-	√	√	-	AP43E (External antenna – PN: ATS-OO-245-46-4RPSP-36) + Eth7 Radio + Adapter
K	√	√	√	√	AP43E (External antenna – PN: ATS-OP-245-810-4RPSP-36) + Eth6 Radio + POE
L	-	√	√	-	AP43E (External antenna – PN: ATS-OP-245-810-4RPSP-36) + Eth6 Radio + Adapter
M	√	√	√	√	AP43E (External antenna – PN: ATS-OP-245-810-4RPSP-36) + Eth7 Radio + POE
N	-	√	√	-	AP43E (External antenna – PN: ATS-OP-245-810-4RPSP-36) + Eth7 Radio + Adapter

Where RE≥1G: Radiated Emission above 1GHz & Bandedge Measurement RE<1G: Radiated Emission below 1GHz

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

Note:
1. The EUT had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **Z-plane**.
2. Radiated emission test (below 1GHz) and power line conducted emission test items chosen the worst maximum power.

Radiated Emission Test (Above 1GHz):

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

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

EUT Configure Mode	Mode	Frequency Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Data Rate (Mbps)	TX Function
C, I	802.11a	5180-5240	36 to 48	36, 40, 48	OFDM	6.0	1TX
M							1TX, 2TX
A, G							1TX, 2TX, 3TX
K							1TX, 2TX, 3TX, 4TX
C, I	802.11ax (HE20)		36 to 48	36, 40, 48	OFDMA	MCS0	1TX
M							1TX, 2TX
A, G							1TX, 2TX, 3TX
K							1TX, 2TX, 3TX, 4TX
C, I	802.11ax (HE40)		38 to 46	38, 46	OFDMA	MCS0	1TX
M							1TX, 2TX
A, G							1TX, 2TX, 3TX
K							1TX, 2TX, 3TX, 4TX
C, I	802.11ax (HE80)		42	42	OFDMA	MCS0	1TX
M							1TX, 2TX
A, G							1TX, 2TX, 3TX
K							1TX, 2TX, 3TX, 4TX
C, I	802.11a	5745-5825	149 to 165	149, 157, 165	OFDM	6.0	1TX
M							1TX, 2TX
A, E, G							1TX, 2TX, 3TX
K							1TX, 2TX, 3TX, 4TX
C, I	802.11ax (HE20)		149 to 165	149, 157, 165	OFDMA	MCS0	1TX
M							1TX, 2TX
A, E, G							1TX, 2TX, 3TX
K							1TX, 2TX, 3TX, 4TX
C, I	802.11ax (HE40)		151 to 159	151, 159	OFDMA	MCS0	1TX
M							1TX, 2TX
A, E, G							1TX, 2TX, 3TX
K							1TX, 2TX, 3TX, 4TX
C, I	802.11ax (HE80)		155	155	OFDMA	MCS0	1TX
M							1TX, 2TX
A, E, G							1TX, 2TX, 3TX
K							1TX, 2TX, 3TX, 4TX

Radiated Emission Test (Below 1GHz):

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

EUT Configure Mode	Mode	Frequency Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Data Rate (Mbps)	TX Function
A, B, G, H	802.11ax (HE20)	5180-5240	36 to 48	149	OFDMA	MCS0	3TX
		5745-5825	149 to 165		OFDMA	MCS0	
C, D, I, J	802.11ax (HE20)	5180-5240	36 to 48	149	OFDMA	MCS0	1TX
		5745-5825	149 to 165		OFDMA	MCS0	
E, F	802.11ax (HE40)	5745-5825	151 to 159	159	OFDMA	MCS0	3TX
K, L	802.11ax (HE40)	5180-5240	38 to 46	159	OFDMA	MCS0	4TX
		5745-5825	151 to 159		OFDMA	MCS0	
M, N	802.11ax (HE20)	5180-5240	36 to 48	40	OFDMA	MCS0	2TX
		5745-5825	149 to 165		OFDMA	MCS0	

Power Line Conducted Emission Test:

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

EUT Configure Mode	Mode	Frequency Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Data Rate (Mbps)	TX Function
A, B, G, H	802.11ax (HE20)	5180-5240	36 to 48	149	OFDMA	MCS0	3TX
		5745-5825	149 to 165		OFDMA	MCS0	
C, D, I, J	802.11ax (HE20)	5180-5240	36 to 48	149	OFDMA	MCS0	1TX
		5745-5825	149 to 165		OFDMA	MCS0	
E, F	802.11ax (HE40)	5745-5825	151 to 159	159	OFDMA	MCS0	3TX
K, L	802.11ax (HE40)	5180-5240	38 to 46	159	OFDMA	MCS0	4TX
		5745-5825	151 to 159		OFDMA	MCS0	
M, N	802.11ax (HE20)	5180-5240	36 to 48	40	OFDMA	MCS0	2TX
		5745-5825	149 to 165		OFDMA	MCS0	

Antenna Port Conducted Measurement:

☒ This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.

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

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

EUT Configure Mode	Mode	Frequency Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Data Rate (Mbps)	TX Function
C, I	802.11a	5180-5240	36 to 48	36, 40, 48	OFDM	6.0	1TX
M							1TX, 2TX
A, G							1TX, 2TX, 3TX
K							1TX, 2TX, 3TX, 4TX
C, I	802.11ax (HE20)		36 to 48	36, 40, 48	OFDMA	MCS0	1TX
M							1TX, 2TX
A, G							1TX, 2TX, 3TX
K							1TX, 2TX, 3TX, 4TX
C, I	802.11ax (HE40)		38 to 46	38, 46	OFDMA	MCS0	1TX
M							1TX, 2TX
A, G							1TX, 2TX, 3TX
K							1TX, 2TX, 3TX, 4TX
C, I	802.11ax (HE80)		42	42	OFDMA	MCS0	1TX
M							1TX, 2TX
A, G							1TX, 2TX, 3TX
K							1TX, 2TX, 3TX, 4TX
C, I	802.11a	5745-5825	149 to 165	149, 157, 165	OFDM	6.0	1TX
M							1TX, 2TX
A, E, G							1TX, 2TX, 3TX
K							1TX, 2TX, 3TX, 4TX
C, I	802.11ax (HE20)		149 to 165	149, 157, 165	OFDMA	MCS0	1TX
M							1TX, 2TX
A, E, G							1TX, 2TX, 3TX
K							1TX, 2TX, 3TX, 4TX
C, I	802.11ax (HE40)		151 to 159	151, 159	OFDMA	MCS0	1TX
M							1TX, 2TX
A, E, G							1TX, 2TX, 3TX
K							1TX, 2TX, 3TX, 4TX
C, I	802.11ax (HE80)		155	155	OFDMA	MCS0	1TX
M							1TX, 2TX
A, E, G							1TX, 2TX, 3TX
K							1TX, 2TX, 3TX, 4TX

Test Condition:

Applicable to	Environmental Conditions	Test Mode	Input Power	Tested by
RE≥1G	25 deg. C, 70% RH	A	55Vdc	Noah Chang Luis Lee
	25 deg. C, 70% RH	C		Luis Lee
	25 deg. C, 70% RH	E		Luis Lee
	24 deg. C, 69% RH 24 deg. C, 67% RH	G		Willy Cheng
	24 deg. C, 69% RH	I		Willy Cheng
	25 deg. C, 70% RH	K		Noah Chang Luis Lee
	25 deg. C, 70% RH	M		Noah Chang
RE<1G	22 deg. C, 71% RH	A ~ N	120Vac, 60Hz 55Vdc	Noah Chang
PLC	25 deg. C, 75% RH	A ~ N	120Vac, 60Hz 55Vdc	Jones Chang
APCM	25 deg. C, 60% RH	A, C, E, G, I, K, M	55Vdc	Alan Wu

3.3 Duty Cycle of Test Signal

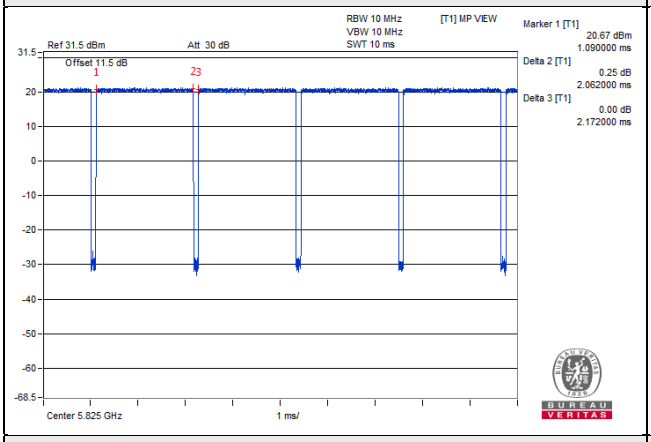
Test Mode A (Internal antenna + Eth6 Radio)

1TX

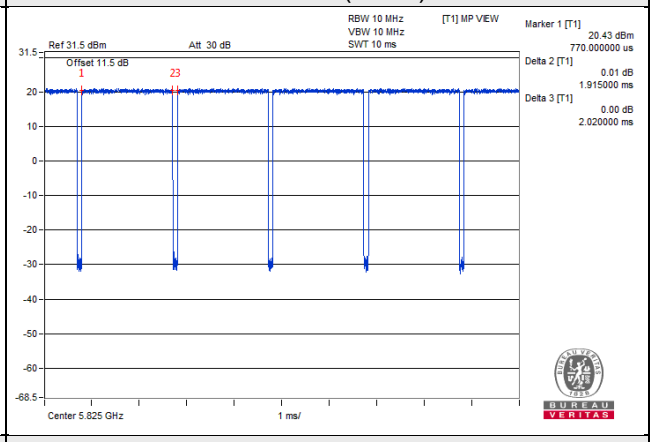
Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 2.062/2.172 = 0.949, Duty factor = 10 * log (1/0.949) = 0.23
802.11ax (HE20): Duty cycle = 1.915/2.020 = 0.948, Duty factor = 10 * log (1/0.948) = 0.23
802.11ax (HE40): Duty cycle = 0.938/1.054 = 0.890, Duty factor = 10 * log (1/0.890) = 0.51
802.11ax (HE80): Duty cycle = 0.458/0.497 = 0.922, Duty factor = 10 * log (1/0.922) = 0.35

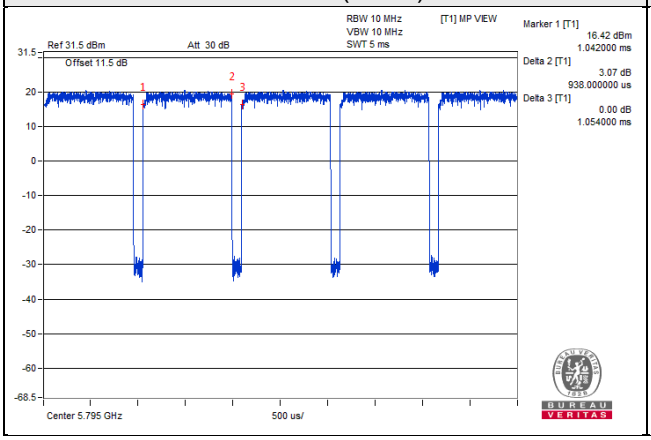
802.11a



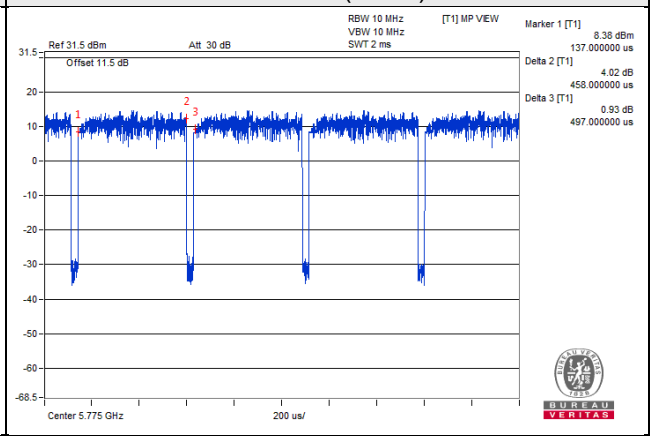
802.11ax (HE20)



802.11ax (HE40)



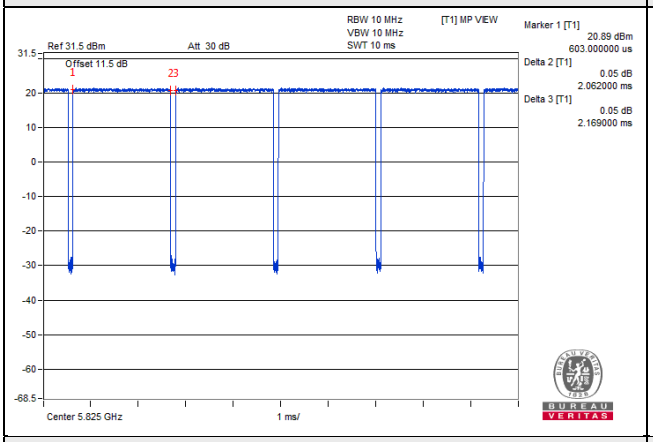
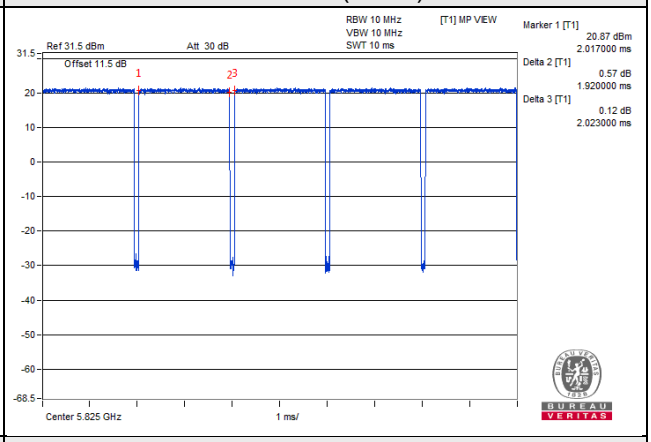
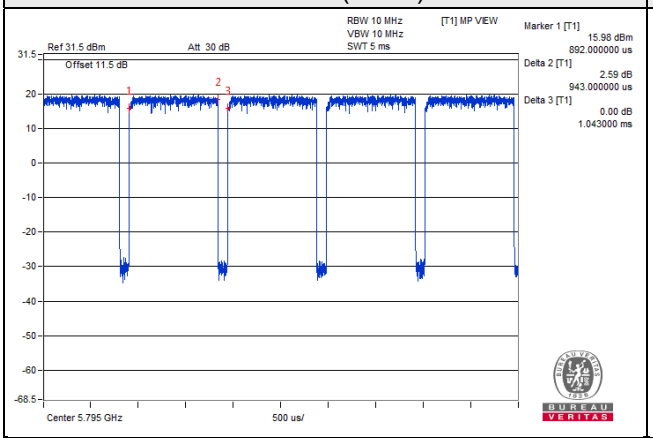
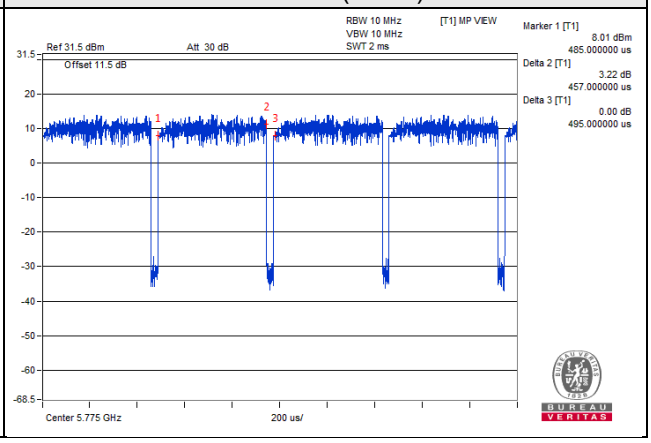
802.11ax (HE80)



2TX

Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 2.062/2.169 = 0.951, Duty factor = 10 * log (1/0.951) = 0.22
802.11ax (HE20): Duty cycle = 1.920/2.023 = 0.949, Duty factor = 10 * log (1/0.949) = 0.23
802.11ax (HE40): Duty cycle = 0.943/1.043 = 0.904, Duty factor = 10 * log (1/0.904) = 0.44
802.11ax (HE80): Duty cycle = 0.457/0.495 = 0.923, Duty factor = 10 * log (1/0.923) = 0.35

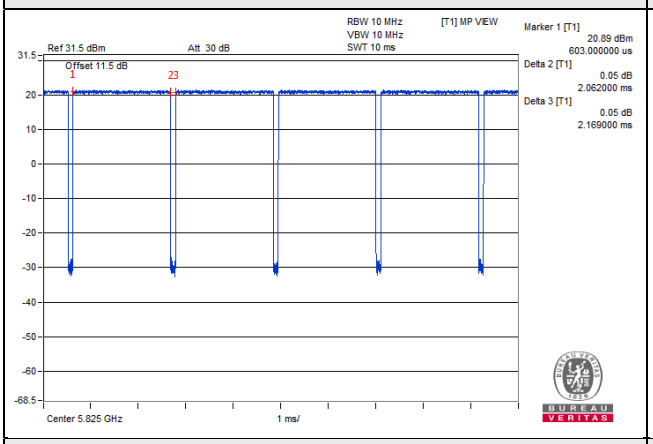
802.11a	802.11ax (HE20)
	
802.11ax (HE40)	802.11ax (HE80)
	

3TX

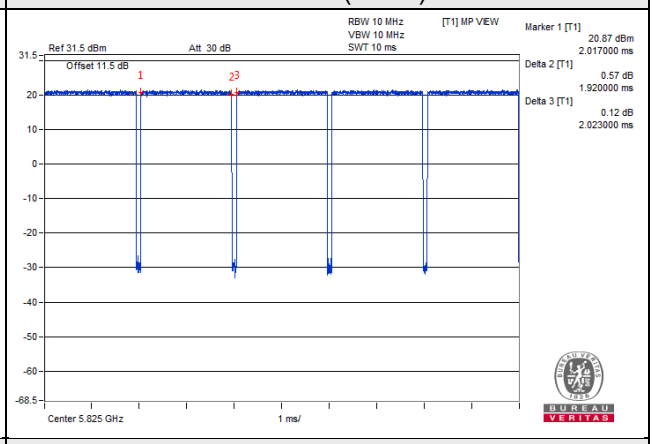
Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 2.062/2.169 = 0.951, Duty factor = 10 * log (1/0.951) = 0.22
802.11ax (HE20): Duty cycle = 1.920/2.023 = 0.949, Duty factor = 10 * log (1/0.949) = 0.23
802.11ax (HE40): Duty cycle = 0.943/1.043 = 0.904, Duty factor = 10 * log (1/0.904) = 0.44
802.11ax (HE80): Duty cycle = 0.457/0.495 = 0.923, Duty factor = 10 * log (1/0.923) = 0.35

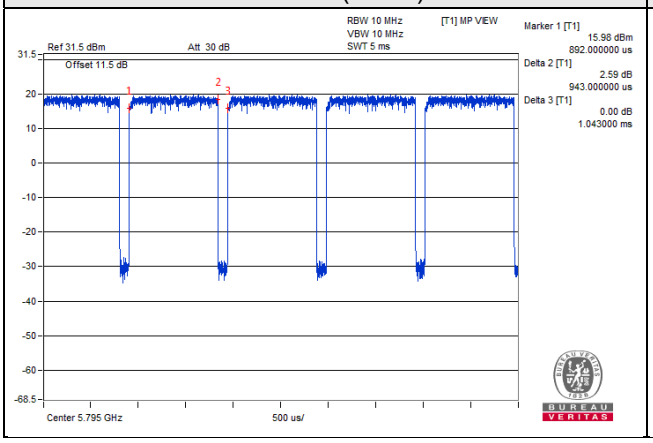
802.11a



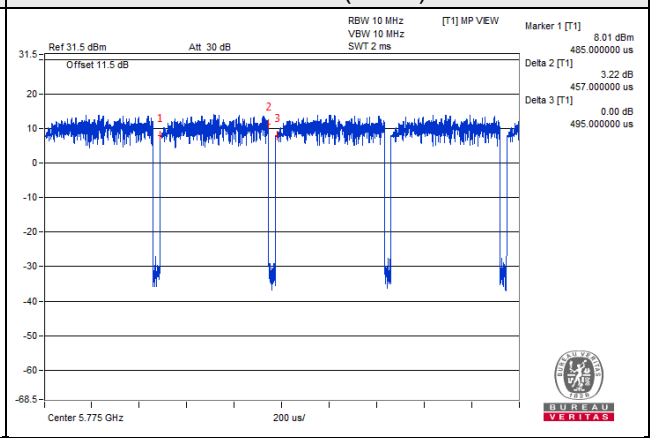
802.11ax (HE20)



802.11ax (HE40)



802.11ax (HE80)



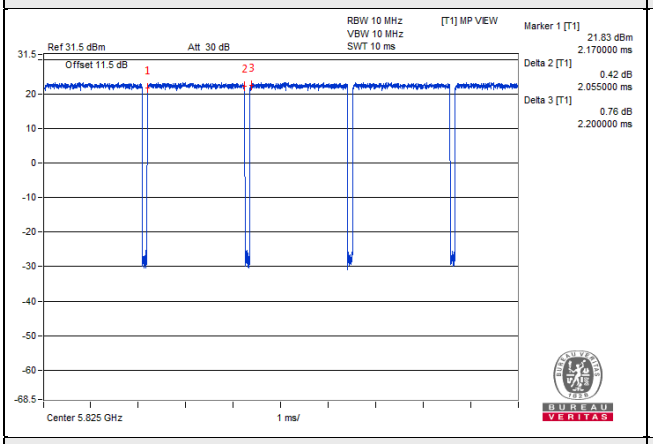
Test Mode C (Internal antenna + Eth7 Radio)

1TX

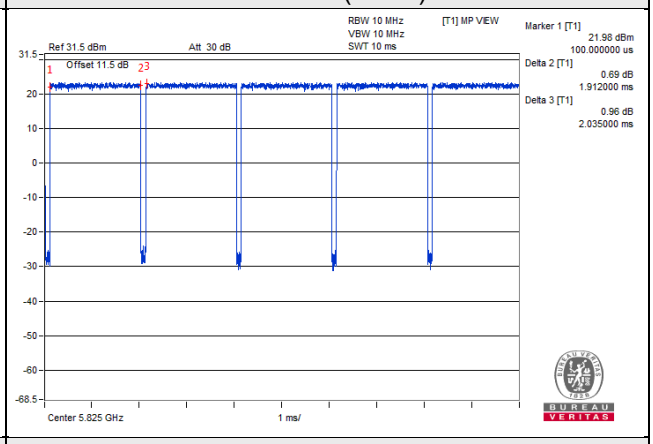
Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 2.055/2.200 = 0.934, Duty factor = 10 * log (1/0.934) = 0.30
802.11ax (HE20): Duty cycle = 1.912/2.035 = 0.940, Duty factor = 10 * log (1/0.940) = 0.27
802.11ax (HE40): Duty cycle = 0.940/1.049 = 0.896, Duty factor = 10 * log (1/0.896) = 0.48
802.11ax (HE80): Duty cycle = 0.459/0.498 = 0.922, Duty factor = 10 * log (1/0.922) = 0.35

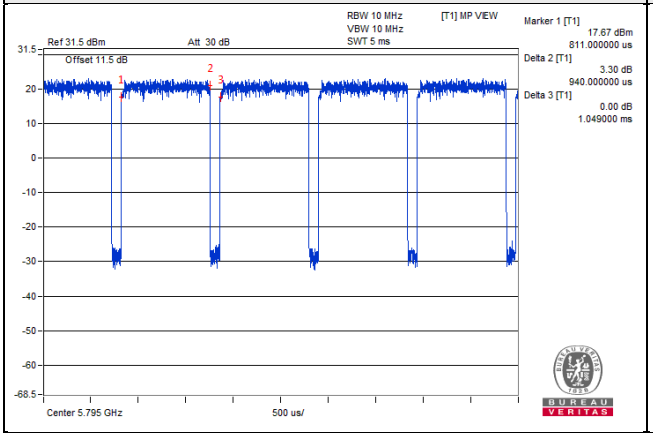
802.11a



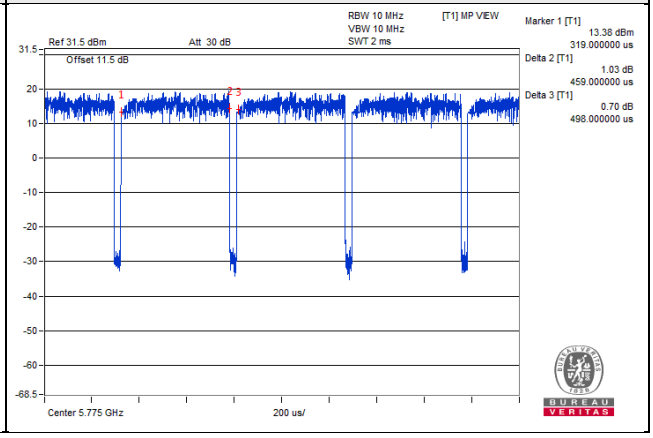
802.11ax (HE20)



802.11ax (HE40)



802.11ax (HE80)



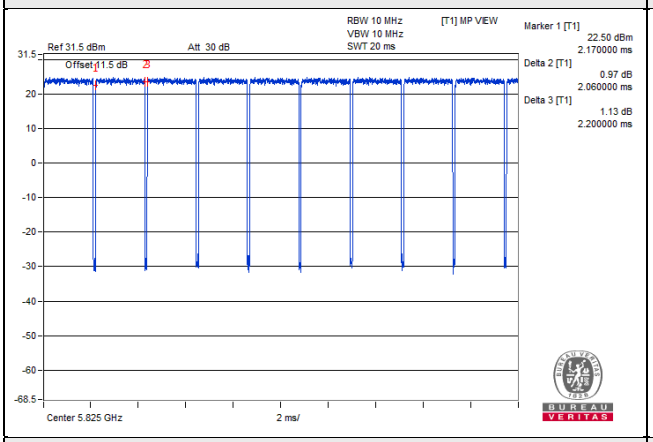
Test Mode E (Internal antenna + Eth8 Radio)

1TX

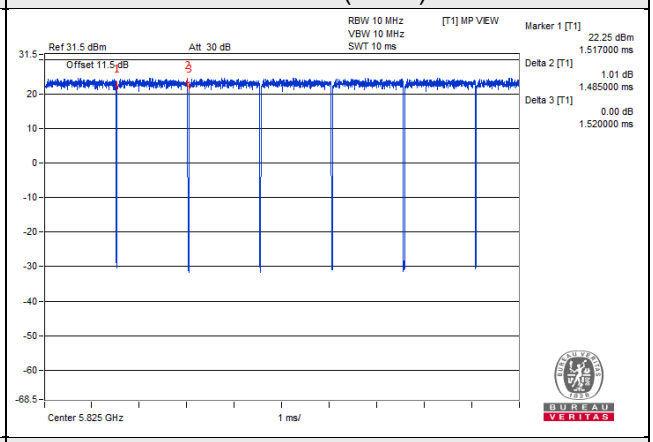
Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 2.060/2.200 = 0.936, Duty factor = 10 * log (1/0.936) = 0.29
802.11ax (HE20): Duty cycle = 1.485/1.520 = 0.977, Duty factor = 10 * log (1/0.977) = 0.10
802.11ax (HE40): Duty cycle = 0.770/0.801 = 0.961, Duty factor = 10 * log (1/0.961) = 0.17
802.11ax (HE80): Duty cycle = 0.400/0.434 = 0.922, Duty factor = 10 * log (1/0.922) = 0.35

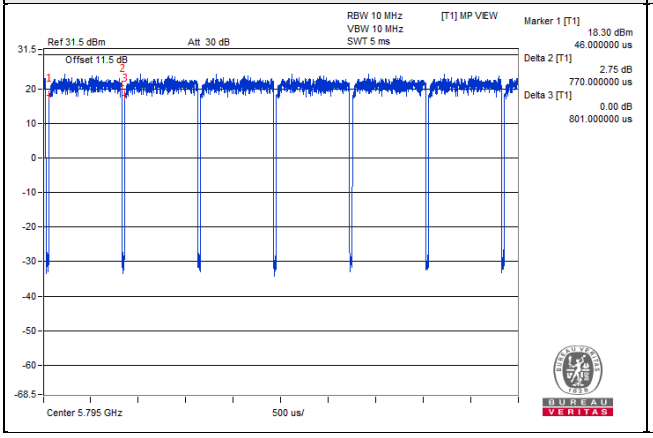
802.11a



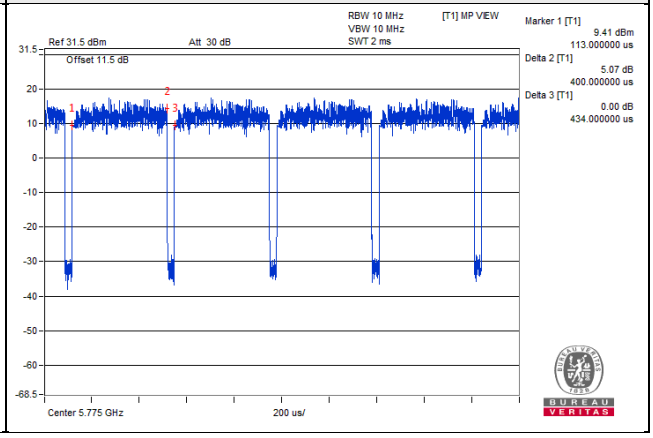
802.11ax (HE20)



802.11ax (HE40)



802.11ax (HE80)

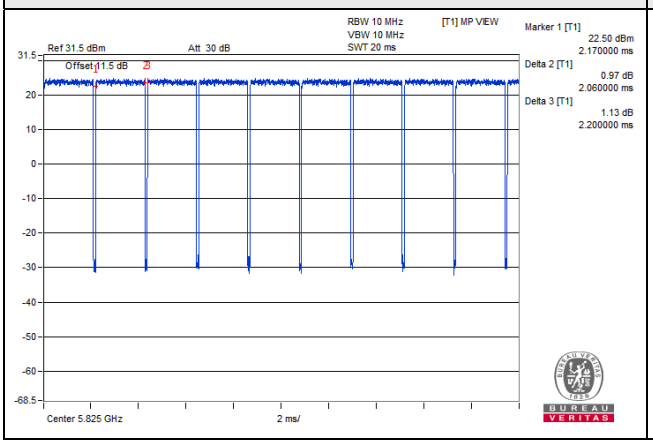


2TX

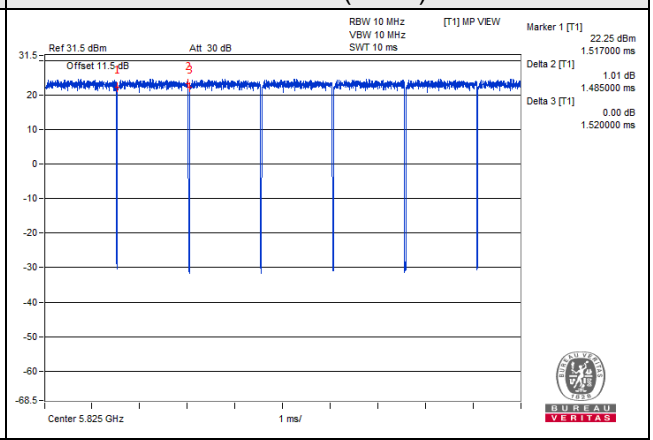
Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 2.060/2.200 = 0.936, Duty factor = 10 * log (1/0.936) = 0.29
802.11ax (HE20): Duty cycle = 1.485/1.520 = 0.977, Duty factor = 10 * log (1/0.977) = 0.10
802.11ax (HE40): Duty cycle = 0.770/0.801 = 0.961, Duty factor = 10 * log (1/0.961) = 0.17
802.11ax (HE80): Duty cycle = 0.400/0.434 = 0.922, Duty factor = 10 * log (1/0.922) = 0.35

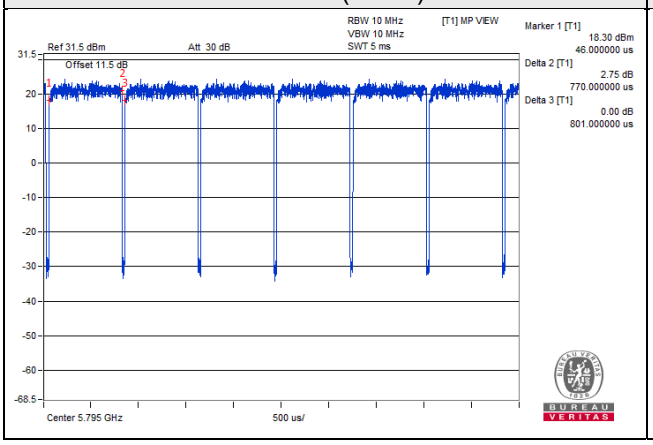
802.11a



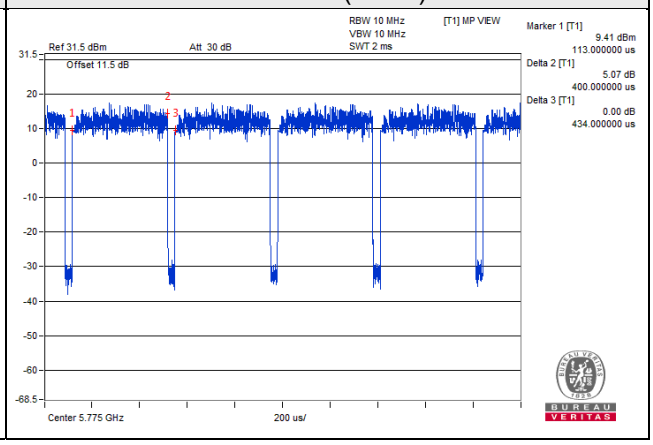
802.11ax (HE20)



802.11ax (HE40)



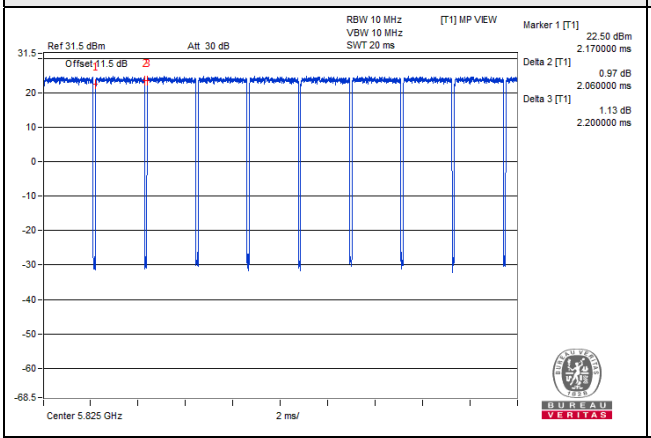
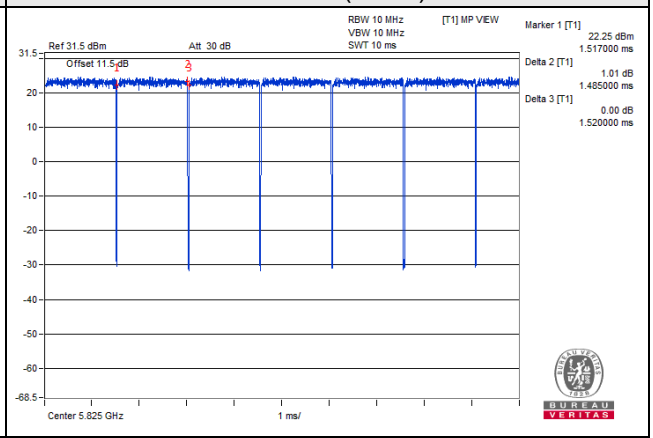
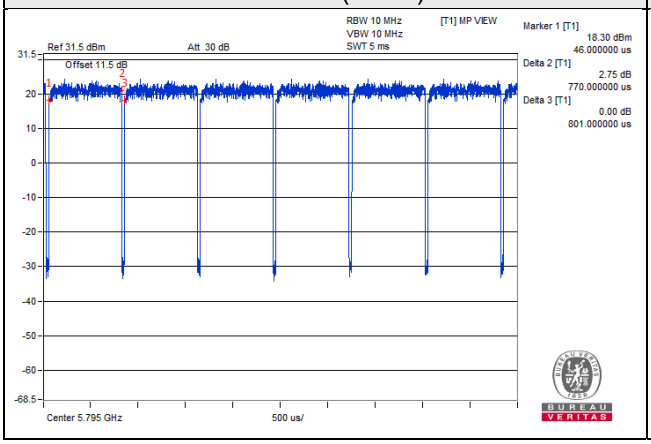
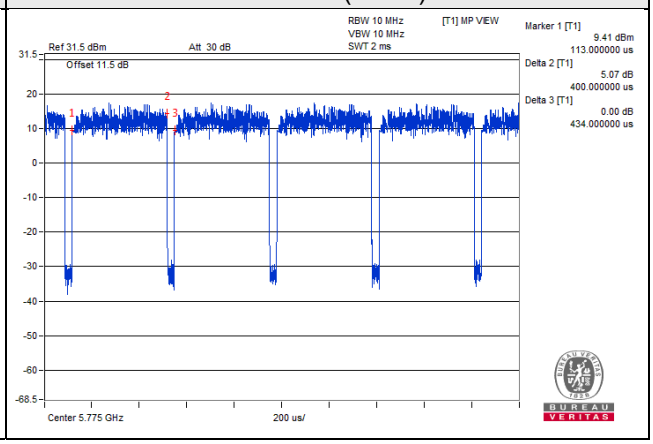
802.11ax (HE80)



3TX

Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 2.060/2.200 = 0.936, Duty factor = 10 * log (1/0.936) = 0.29
802.11ax (HE20): Duty cycle = 1.485/1.520 = 0.977, Duty factor = 10 * log (1/0.977) = 0.10
802.11ax (HE40): Duty cycle = 0.770/0.801 = 0.961, Duty factor = 10 * log (1/0.961) = 0.17
802.11ax (HE80): Duty cycle = 0.400/0.434 = 0.922, Duty factor = 10 * log (1/0.922) = 0.35

802.11a	802.11ax (HE20)
	
802.11ax (HE40)	**802.11ax (HE80)**
	

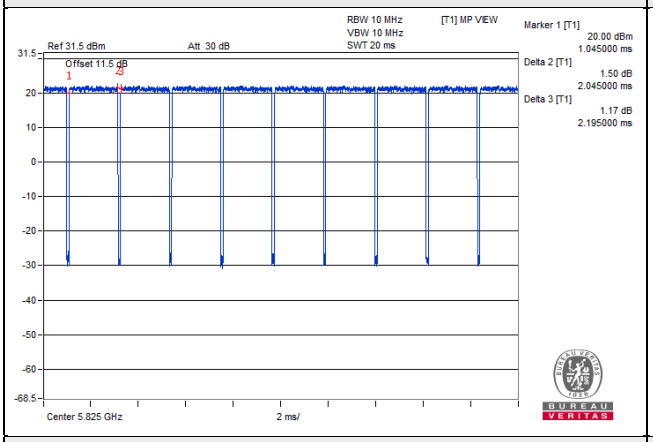
Test Mode G (External antenna – PN: ATS-OO-245-46-4RPSP-36 + Eth6 Radio)

1TX

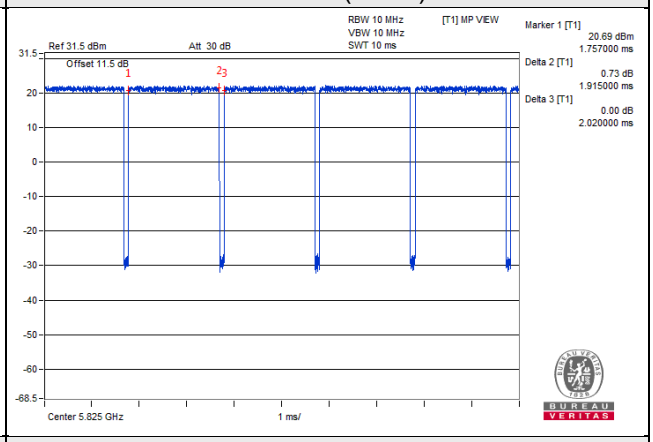
Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 2.045/2.195 = 0.932, Duty factor = 10 * log (1/0.932) = 0.31
802.11ax (HE20): Duty cycle = 1.915/2.020 = 0.948, Duty factor = 10 * log (1/0.948) = 0.23
802.11ax (HE40): Duty cycle = 0.941/1.052 = 0.894, Duty factor = 10 * log (1/0.894) = 0.48
802.11ax (HE80): Duty cycle = 0.459/0.490 = 0.937, Duty factor = 10 * log (1/0.937) = 0.28

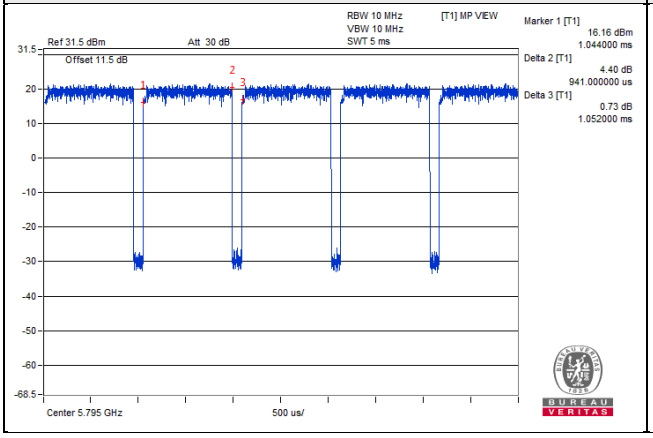
802.11a



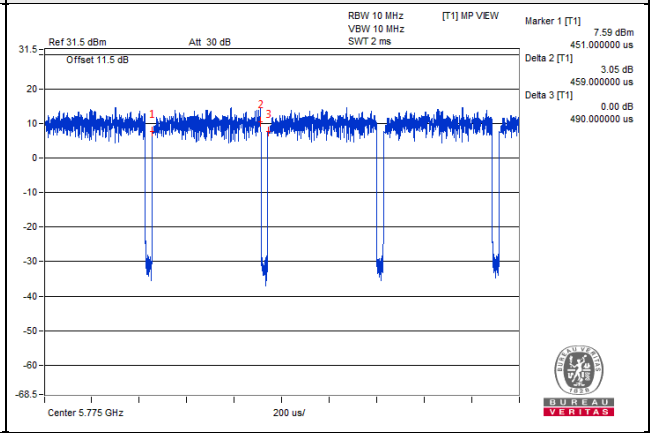
802.11ax (HE20)



802.11ax (HE40)



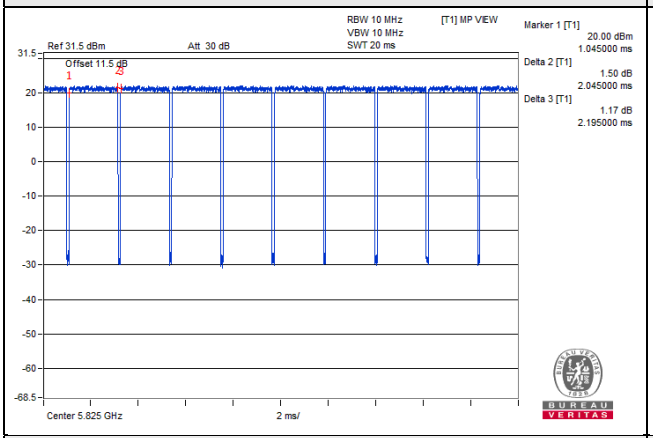
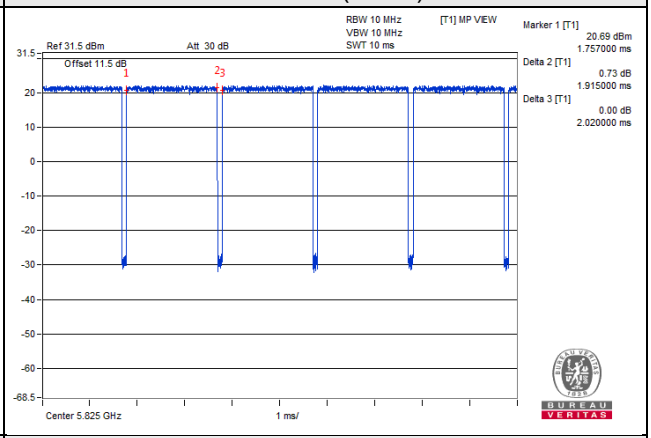
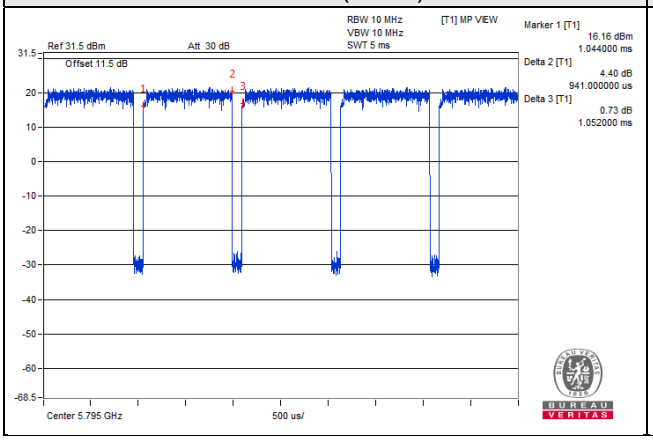
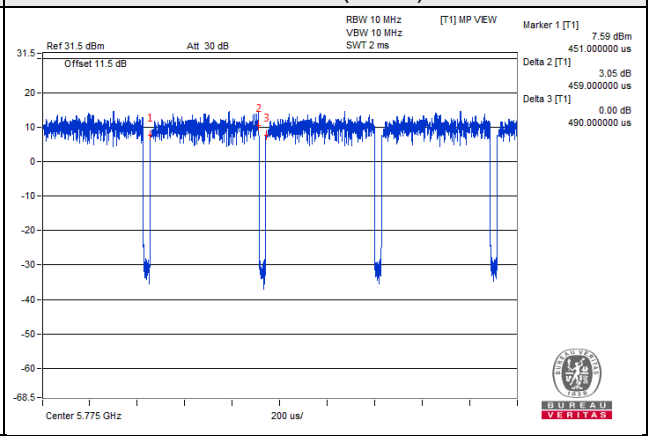
802.11ax (HE80)



2TX

Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 2.045/2.195 = 0.932, Duty factor = 10 * log (1/0.932) = 0.31
802.11ax (HE20): Duty cycle = 1.915/2.020 = 0.948, Duty factor = 10 * log (1/0.948) = 0.23
802.11ax (HE40): Duty cycle = 0.941/1.052 = 0.894, Duty factor = 10 * log (1/0.894) = 0.48
802.11ax (HE80): Duty cycle = 0.459/0.490 = 0.937, Duty factor = 10 * log (1/0.937) = 0.28

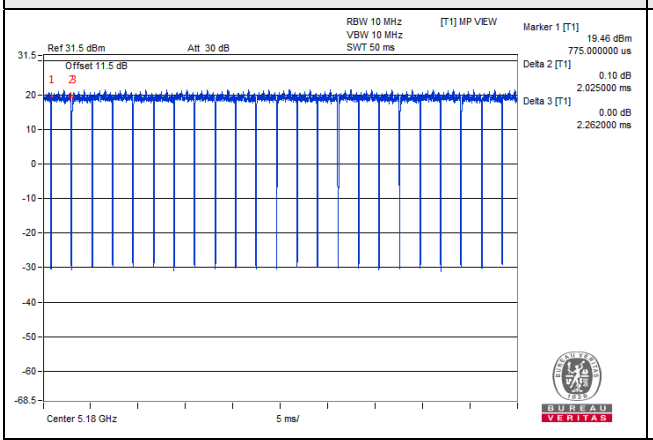
802.11a	802.11ax (HE20)
	
802.11ax (HE40)	802.11ax (HE80)
	

3TX

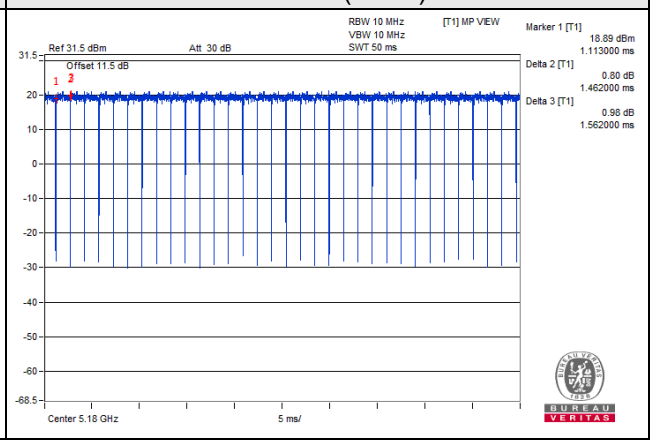
Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 2.025/2.262 = 0.895, Duty factor = 10 * log (1/0.895) = 0.48
802.11ax (HE20): Duty cycle = 1.462/1.562 = 0.936, Duty factor = 10 * log (1/0.936) = 0.29
802.11ax (HE40): Duty cycle = 0.766/0.810 = 0.946, Duty factor = 10 * log (1/0.946) = 0.24
802.11ax (HE80): Duty cycle = 0.400/0.432 = 0.926, Duty factor = 10 * log (1/0.926) = 0.33

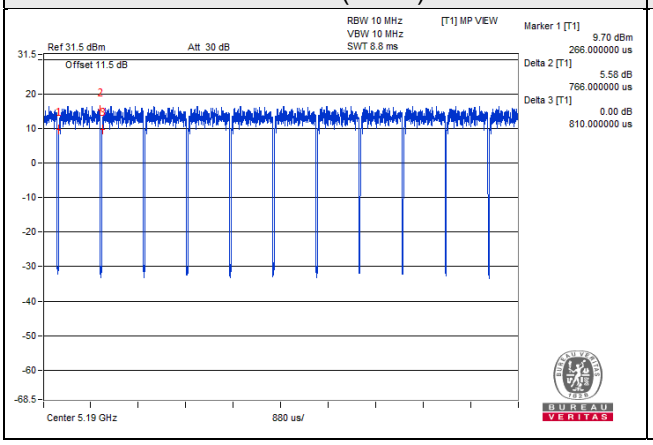
802.11a



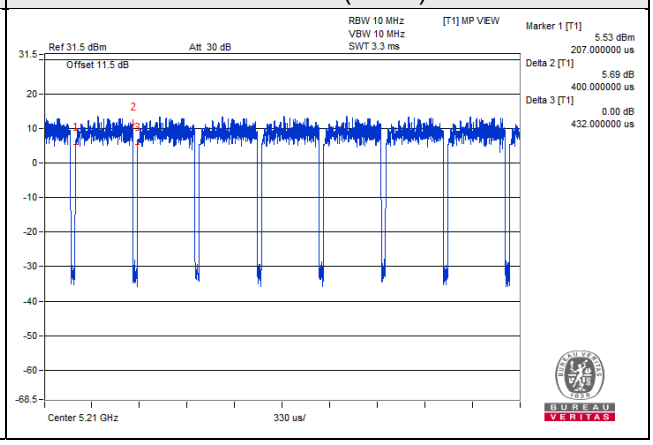
802.11ax (HE20)



802.11ax (HE40)



802.11ax (HE80)



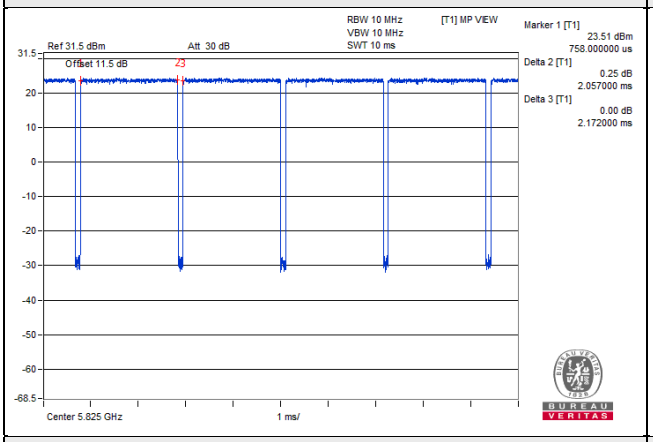
Test Mode I (External antenna – PN: ATS-OO-245-46-4RPSP-36 + Eth7 Radio)

1TX

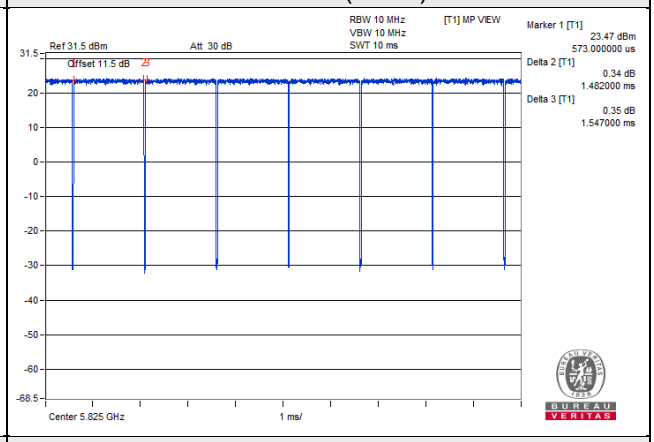
Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 2.057/2.172 = 0.947, Duty factor = 10 * log (1/0.947) = 0.24
802.11ax (HE20): Duty cycle = 1.482/1.547 = 0.958, Duty factor = 10 * log (1/0.958) = 0.19
802.11ax (HE40): Duty cycle = 0.770/0.802 = 0.960, Duty factor = 10 * log (1/0.960) = 0.18
802.11ax (HE80): Duty cycle = 0.399/0.440 = 0.907, Duty factor = 10 * log (1/0.907) = 0.42

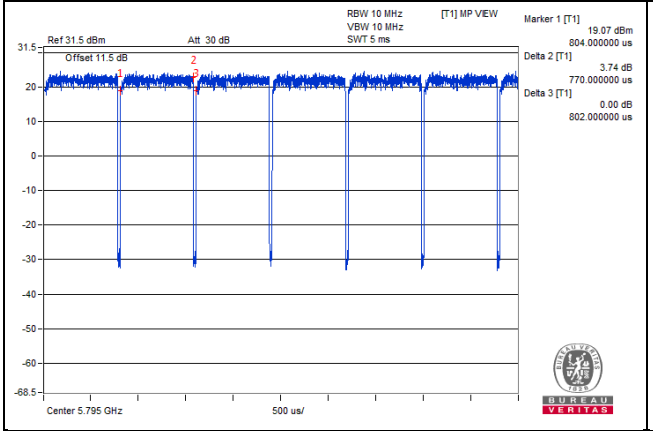
802.11a



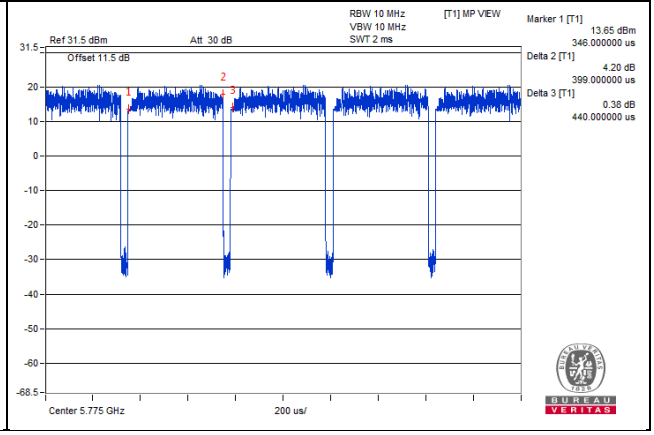
802.11ax (HE20)



802.11ax (HE40)



802.11ax (HE80)



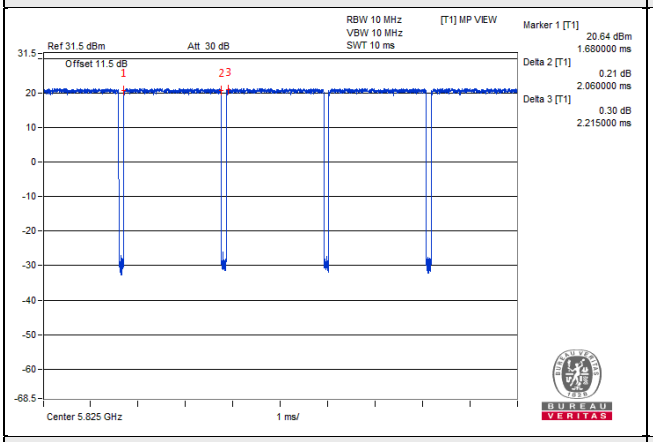
Test Mode K (External antenna – PN: ATS-OP-245-810-4RPSP-36 + Eth6 Radio)

1TX

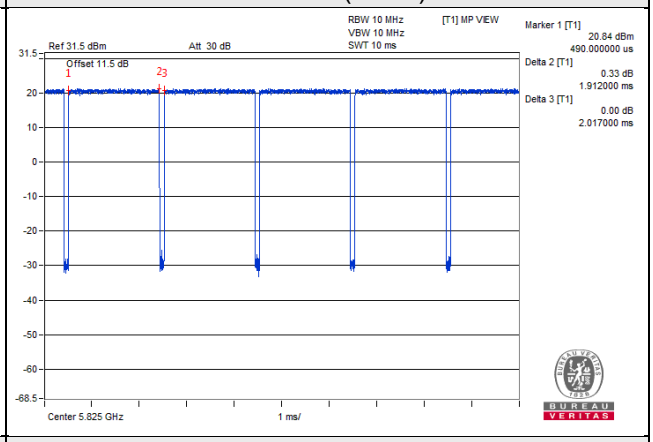
Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 2.060/2.215 = 0.930, Duty factor = 10 * log (1/0.930) = 0.32
802.11ax (HE20): Duty cycle = 1.912/2.017 = 0.948, Duty factor = 10 * log (1/0.948) = 0.23
802.11ax (HE40): Duty cycle = 0.941/1.043 = 0.902, Duty factor = 10 * log (1/0.902) = 0.45
802.11ax (HE80): Duty cycle = 0.459/0.488 = 0.941, Duty factor = 10 * log (1/0.941) = 0.27

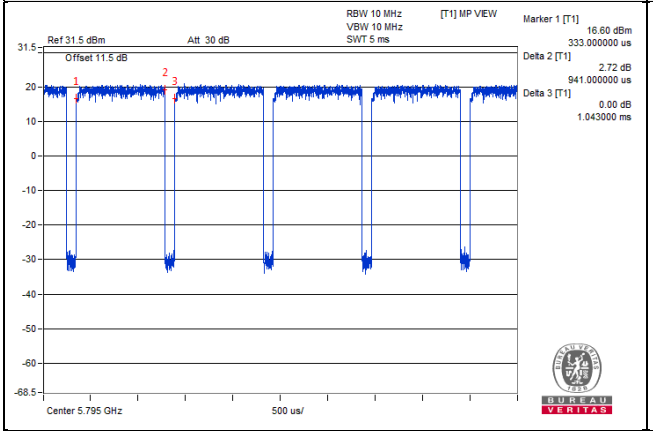
802.11a



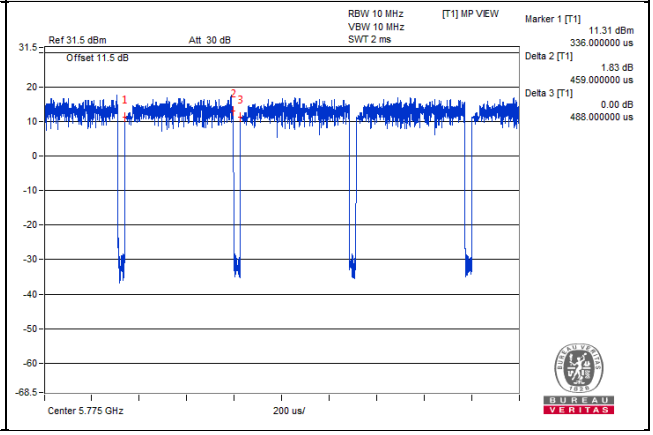
802.11ax (HE20)



802.11ax (HE40)



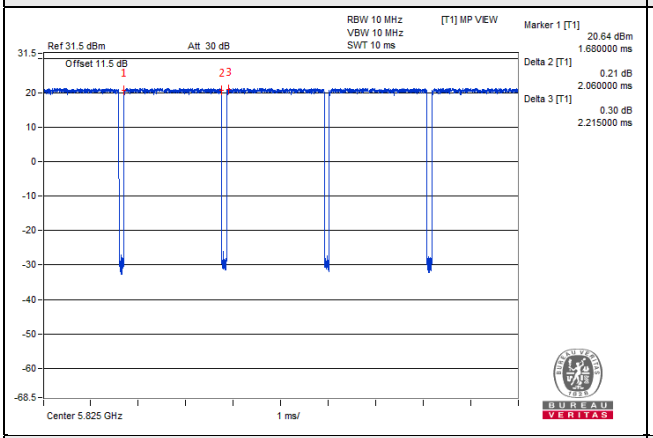
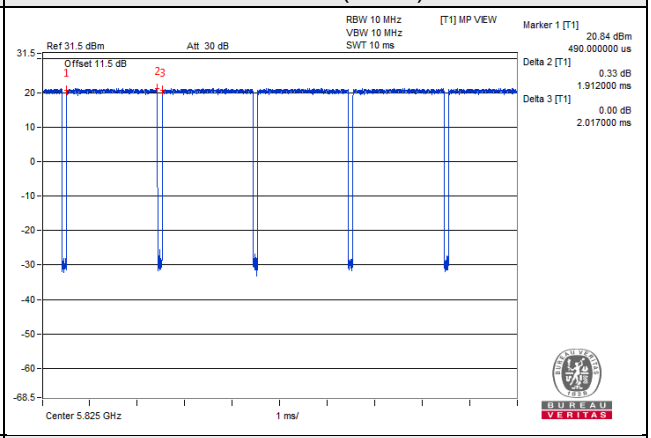
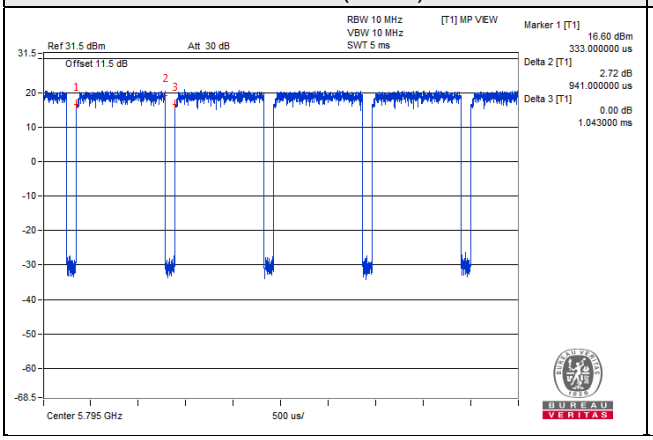
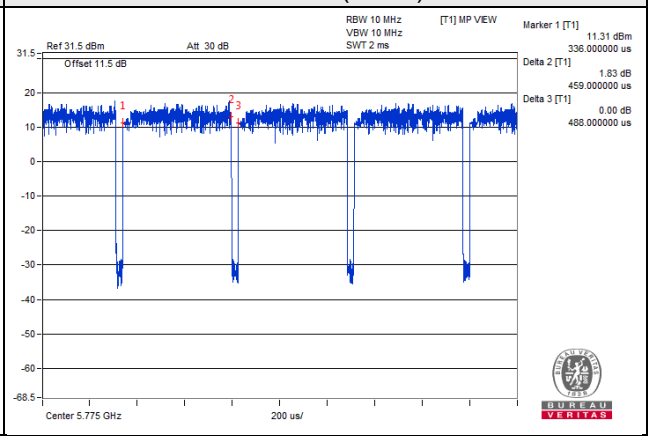
802.11ax (HE80)



2TX

Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 2.060/2.215 = 0.930, Duty factor = 10 * log (1/0.930) = 0.32
802.11ax (HE20): Duty cycle = 1.912/2.017 = 0.948, Duty factor = 10 * log (1/0.948) = 0.23
802.11ax (HE40): Duty cycle = 0.941/1.043 = 0.902, Duty factor = 10 * log (1/0.902) = 0.45
802.11ax (HE80): Duty cycle = 0.459/0.488 = 0.941, Duty factor = 10 * log (1/0.941) = 0.27

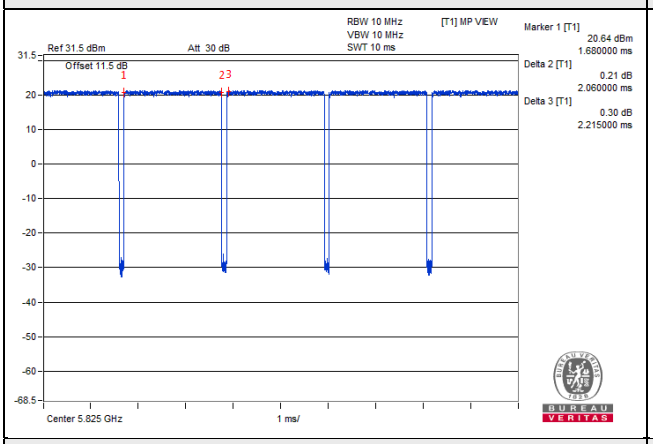
802.11a	802.11ax (HE20)
	
802.11ax (HE40)	**802.11ax (HE80)**
	

3TX

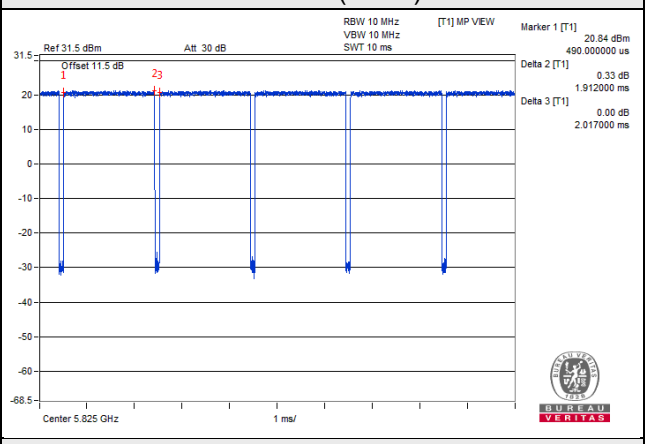
Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 2.060/2.215 = 0.930, Duty factor = 10 * log (1/0.930) = 0.32
802.11ax (HE20): Duty cycle = 1.912/2.017 = 0.948, Duty factor = 10 * log (1/0.948) = 0.23
802.11ax (HE40): Duty cycle = 0.941/1.043 = 0.902, Duty factor = 10 * log (1/0.902) = 0.45
802.11ax (HE80): Duty cycle = 0.459/0.488 = 0.941, Duty factor = 10 * log (1/0.941) = 0.27

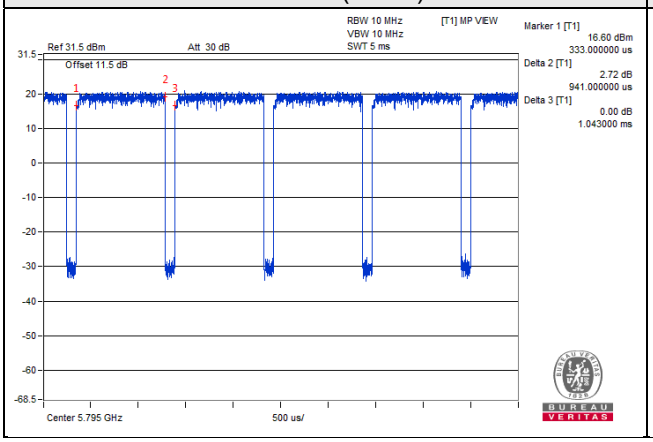
802.11a



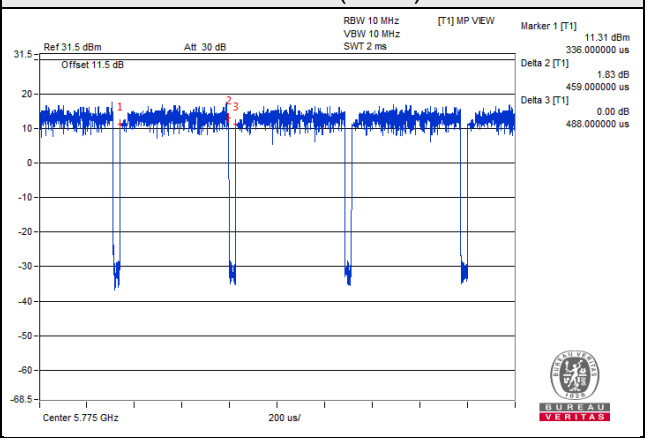
802.11ax (HE20)



802.11ax (HE40)



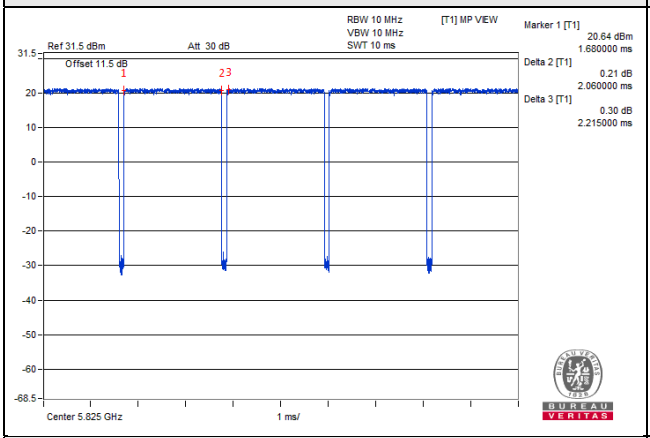
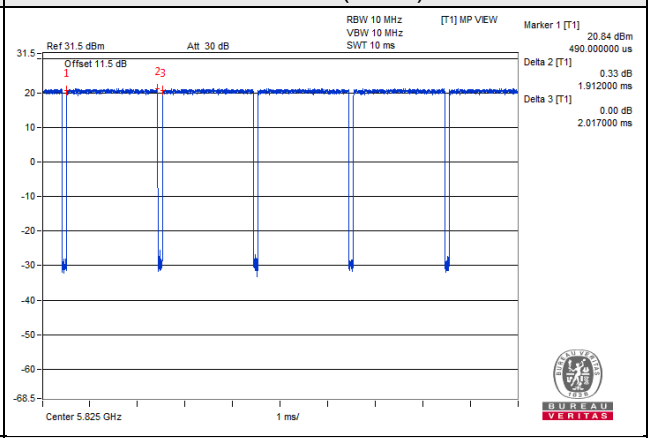
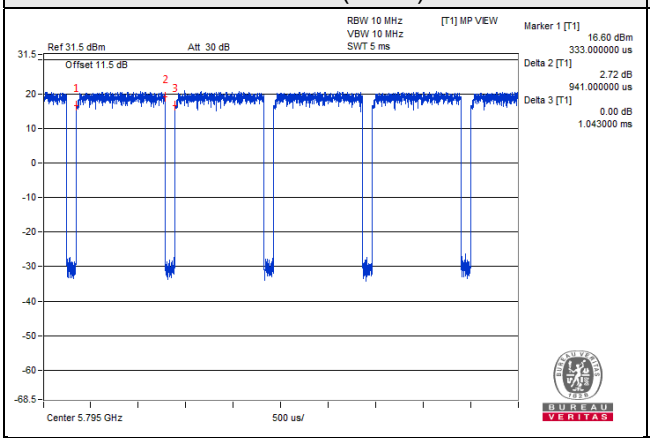
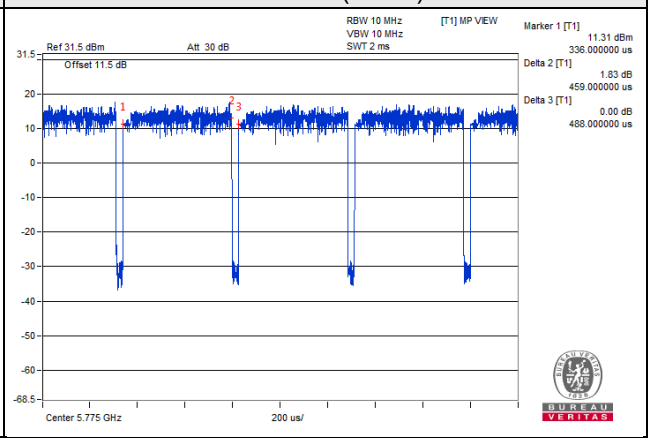
802.11ax (HE80)



4TX

Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 2.060/2.215 = 0.930, Duty factor = 10 * log (1/0.930) = 0.32
802.11ax (HE20): Duty cycle = 1.912/2.017 = 0.948, Duty factor = 10 * log (1/0.948) = 0.23
802.11ax (HE40): Duty cycle = 0.941/1.043 = 0.902, Duty factor = 10 * log (1/0.902) = 0.45
802.11ax (HE80): Duty cycle = 0.459/0.488 = 0.941, Duty factor = 10 * log (1/0.941) = 0.27

802.11a	802.11ax (HE20)
	
802.11ax (HE40)	802.11ax (HE80)
	

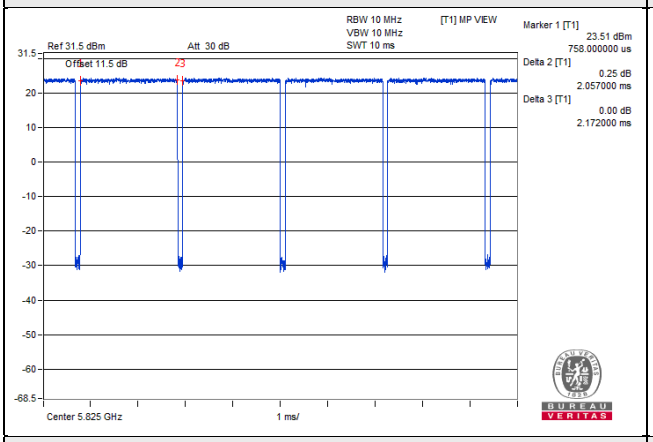
Test Mode M (External antenna – PN: ATS-OP-245-810-4RPSP-36 + Eth7 Radio)

1TX

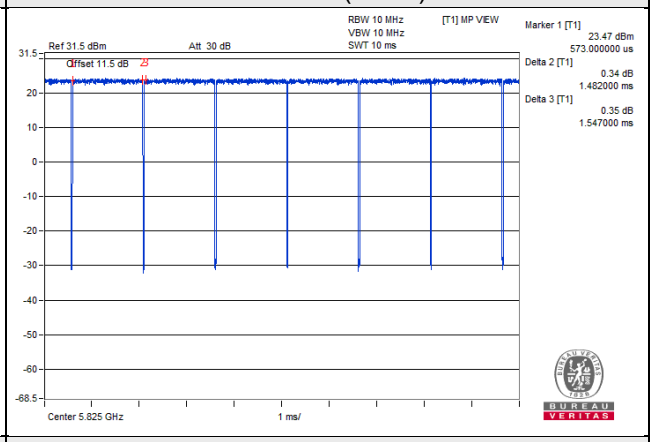
Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 2.057/2.172 = 0.947, Duty factor = 10 * log (1/0.947) = 0.24
802.11ax (HE20): Duty cycle = 1.482/1.547 = 0.958, Duty factor = 10 * log (1/0.958) = 0.19
802.11ax (HE40): Duty cycle = 0.770/0.802 = 0.960, Duty factor = 10 * log (1/0.960) = 0.18
802.11ax (HE80): Duty cycle = 0.399/0.440 = 0.907, Duty factor = 10 * log (1/0.907) = 0.42

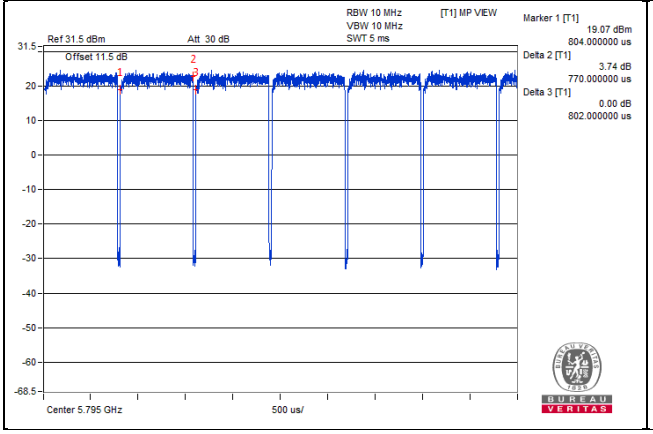
802.11a



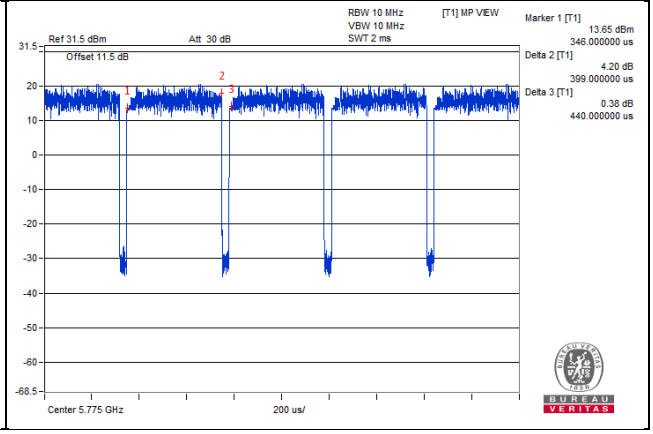
802.11ax (HE20)



802.11ax (HE40)



802.11ax (HE80)

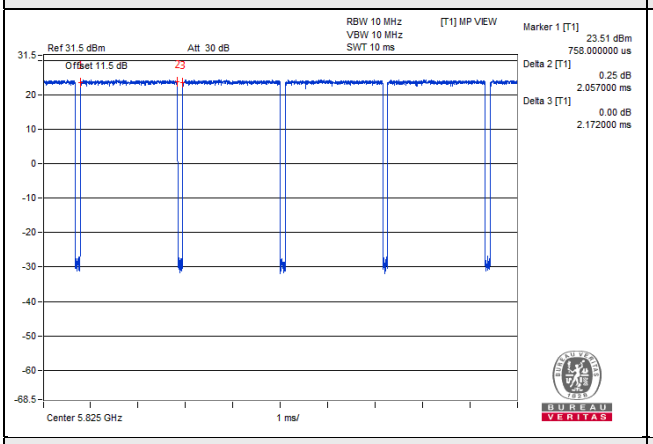


2TX

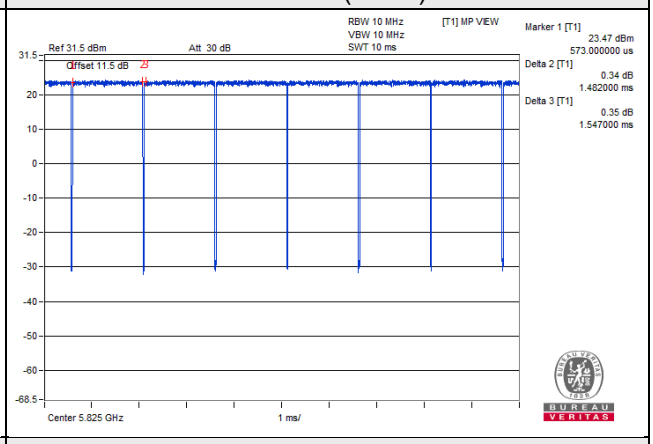
Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 2.057/2.172 = 0.947, Duty factor = 10 * log (1/0.947) = 0.24
802.11ax (HE20): Duty cycle = 1.482/1.547 = 0.958, Duty factor = 10 * log (1/0.958) = 0.19
802.11ax (HE40): Duty cycle = 0.770/0.802 = 0.960, Duty factor = 10 * log (1/0.960) = 0.18
802.11ax (HE80): Duty cycle = 0.399/0.440 = 0.907, Duty factor = 10 * log (1/0.907) = 0.42

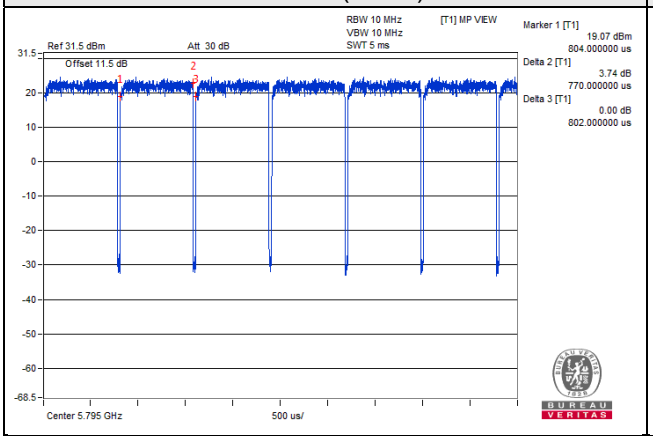
802.11a



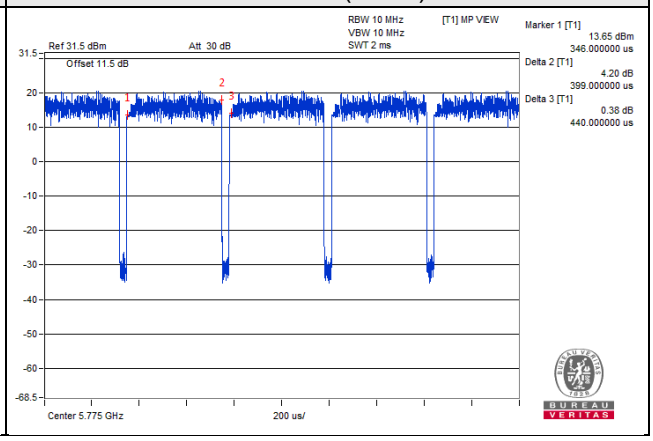
802.11ax (HE20)



802.11ax (HE40)



802.11ax (HE80)



3.4 Description of Support Units

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

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Notebook	DELL	E5410	1HC2XM1	FCC DoC Approved	-
B.	Adapter	Channel Well Technology	2ABN036F	NA	NA	Provided by manufacturer
C.	POE	Microsemi	PD9001GR	NA	NA	Provided by manufacturer

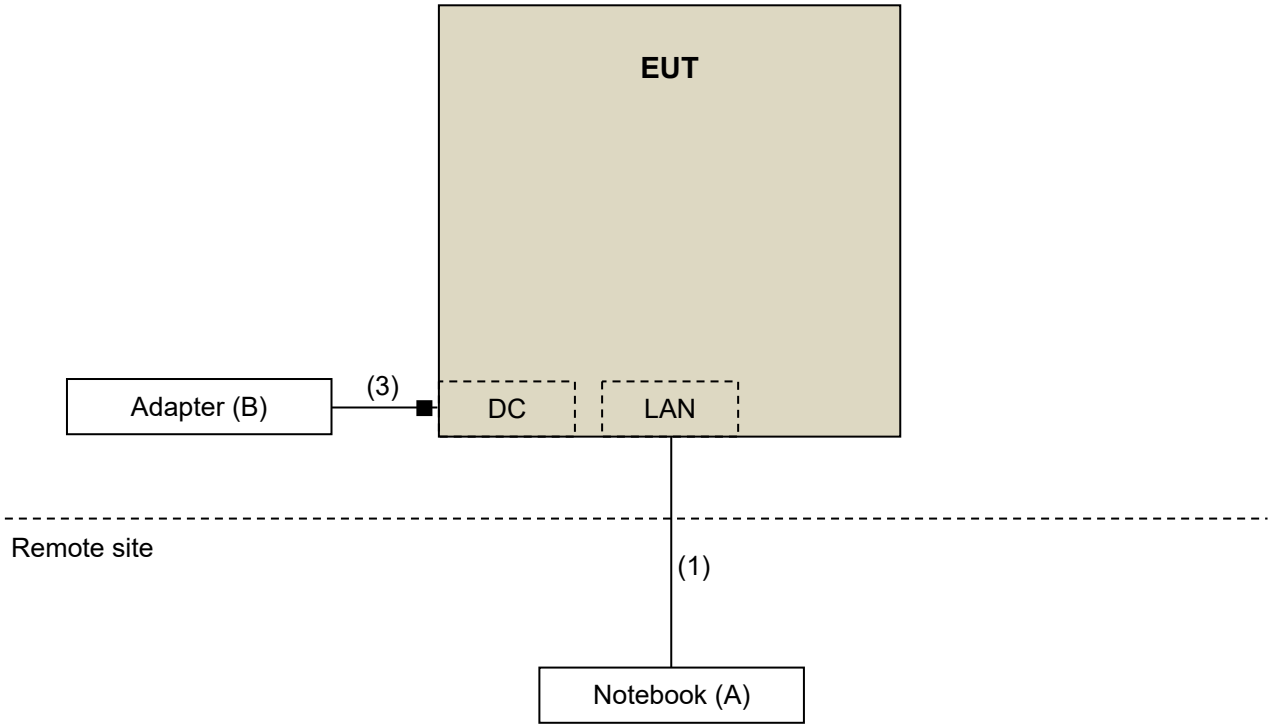
Note:

1. All power cords of the above support units are non-shielded (1.8m).
2. Item A acted as a communication partner to transfer data.

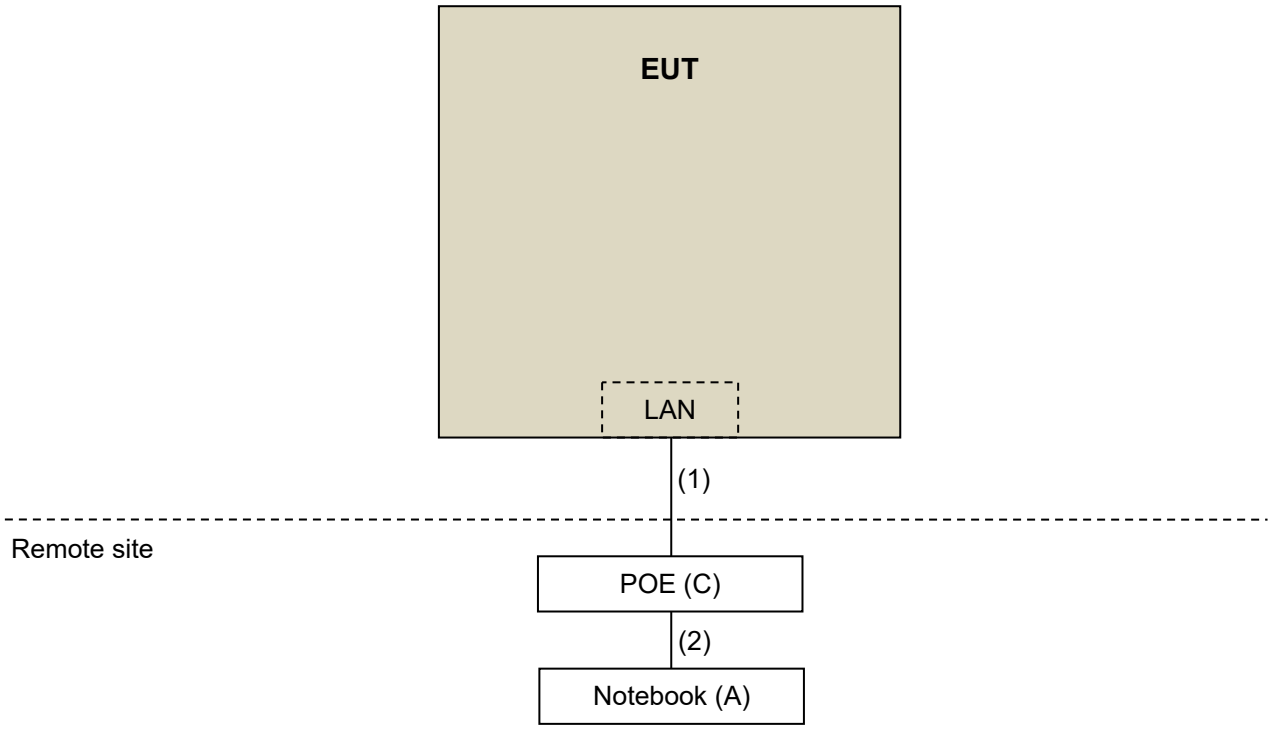
ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	RJ45 cable	1	6	N	0	Cat5e
2.	RJ45 cable	1	1.5	N	0	Cat5e
3.	DC cable	1	1.5	-	1	Provided by manufacturer

3.4.1 Configuration of System under Test

Adapter Mode



POE Mode



3.5 General Description of Applied Standards and References

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

Test standard:
FCC Part 15, Subpart E (15.407)
ANSI C63.10:2013

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

References Test Guidance:
KDB 789033 D02 General UNII Test Procedure New Rules v02r01
KDB 662911 D01 Multiple Transmitter Output v02r01

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

4 Test Types and Results

4.1 Radiated Emission and Bandedge Measurement

4.1.1 Limits of Radiated Emission and Bandedge Measurement

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

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

Note:

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

Limits of unwanted emission out of the restricted bands

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

*1 beyond 75 MHz or more above of the band edge.

*2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.

*3 below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.

*4 from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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

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

4.1.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver ROHDE & SCHWARZ	ESCI	100424	Jan. 03, 2019	Jan. 02, 2020
			Dec. 31, 2019	Dec. 30, 2020
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100040	Sep. 25, 2018	Sep. 24, 2019
			Sep. 23, 2019	Sep. 22, 2020
BILOG Antenna SCHWARZBECK	VULB9168	9168-155	Nov. 21, 2018	Nov. 20, 2019
			Nov. 11, 2019	Nov. 10, 2020
HORN Antenna SCHWARZBECK	9120D	9120D-1170	Nov. 25, 2018	Nov. 24, 2019
			Nov. 24, 2019	Nov. 23, 2020
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA9170241	Nov. 25, 2018	Nov. 24, 2019
			Nov. 24, 2019	Nov. 23, 2020
Loop Antenna TESEQ	EM-6879	269	Sep. 07, 2018	Sep. 06, 2019
	HLA 6121	45745	Jul. 01, 2019	Jun. 30, 2020
Preamplifier Agilent (Below 1GHz)	8447D	2944A10631	Aug. 08, 2018	Aug. 07, 2019
			Jul. 11, 2019	Jul. 10, 2020
Preamplifier KEYSIGHT (Above 1GHz)	83017A	MY53270295	Jul. 02, 2018	Jul. 01, 2019
			Jun. 11, 2019	Jun. 10, 2020
RF Coaxial Cable WORKEN With 5dB PAD	8D-FB	Cable-CH4-01	Aug. 21, 2018	Aug. 20, 2019
			Aug. 20, 2019	Aug. 19, 2020
RF Coaxial Cable EMCI	EMC102-KM-KM-3000	150929	Aug. 21, 2018	Aug. 20, 2019
			Aug. 20, 2019	Aug. 19, 2020
RF Coaxial Cable EMCI	EMC102-KM-KM-600	150928	Aug. 21, 2018	Aug. 20, 2019
			Aug. 20, 2019	Aug. 19, 2020
RF signal cable HUBER+SUHNER	SUCOFLEX 104	MY 13380+295012/04	Aug. 08, 2018	Aug. 07, 2019
			Jul. 11, 2019	Jul. 10, 2020
RF signal cable HUBER+SUHNER	SUCOFLEX 104	Cable-CH4-03 (250724)	Aug. 08, 2018	Aug. 07, 2019
			Jul. 11, 2019	Jul. 10, 2020
Software BV ADT	ADT_Radiated_V7.6.15.9.5	NA	NA	NA
Antenna Tower inn-co GmbH	MA 4000	010303	NA	NA
Antenna Tower Controller BV ADT	AT100	AT93021703	NA	NA
Turn Table BV ADT	TT100	TT93021703	NA	NA
Turn Table Controller BV ADT	SC100	SC93021703	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA
Pre-amplifier (18GHz-40GHz) EMC	EMC184045B	980175	Nov. 14, 2018	Nov. 13, 2019
			Sep. 05, 2019	Sep. 04, 2020
USB Wideband Power Sensor KEYSIGHT	U2021XA	MY55050005/MY55190004/MY55190007/MY55210005	Jul. 17, 2018	Jul. 16, 2019
			Jul. 15, 2019	Jul. 14, 2020

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in HwaYa Chamber 4.

4.1.3 Test Procedures

For Radiated emission below 30MHz

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.

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

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

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

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

Note:

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

For Radiated emission above 30MHz

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

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

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

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

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

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

Note:

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

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

3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is ≥ 1/T (Duty cycle < 98%) or 10Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1GHz.

   Test Mode A (Internal antenna + Eth6 Radio): 802.11a: RBW = 1MHz, VBW = 1kHz; 802.11ax (HE20): RBW = 1MHz, VBW = 1kHz; 802.11ax (HE40): RBW = 1MHz, VBW = 3kHz; 802.11ax (HE80): RBW = 1MHz, VBW = 3kHz

   Test Mode C (Internal antenna + Eth7 Radio): 802.11a: RBW = 1MHz, VBW = 1kHz; 802.11ax (HE20): RBW = 1MHz, VBW = 1kHz; 802.11ax (HE40): RBW = 1MHz, VBW = 3kHz; 802.11ax (HE80): RBW = 1MHz, VBW = 3kHz

   Test Mode E (Internal antenna + Eth8 Radio): 802.11a: RBW = 1MHz, VBW = 1kHz; 802.11ax (HE20): RBW = 1MHz, VBW = 1kHz; 802.11ax (HE40): RBW = 1MHz, VBW = 3kHz; 802.11ax (HE80): RBW = 1MHz, VBW = 3kHz

   Test Mode G (External antenna – PN: ATS-OO-245-46-4RPSP-36 + Eth6 Radio): 802.11a: RBW = 1MHz, VBW = 1kHz; 802.11ax (HE20): RBW = 1MHz, VBW = 1kHz; 802.11ax (HE40): RBW = 1MHz, VBW = 3kHz; 802.11ax (HE80): RBW = 1MHz, VBW = 3kHz

   Test Mode I (External antenna – PN: ATS-OO-245-46-4RPSP-36 + Eth7 Radio): 802.11a: RBW = 1MHz, VBW = 1kHz; 802.11ax (HE20): RBW = 1MHz, VBW = 1kHz; 802.11ax (HE40): RBW = 1MHz, VBW = 3kHz; 802.11ax (HE80): RBW = 1MHz, VBW = 3kHz

   Test Mode K (External antenna – PN: ATS-OP-245-810-4RPSP-36 + Eth6 Radio): 802.11a: RBW = 1MHz, VBW = 1kHz; 802.11ax (HE20): RBW = 1MHz, VBW = 1kHz; 802.11ax (HE40): RBW = 1MHz, VBW = 3kHz; 802.11ax (HE80): RBW = 1MHz, VBW = 3kHz

   Test Mode M (External antenna – PN: ATS-OP-245-810-4RPSP-36 + Eth7 Radio): 802.11a: RBW = 1MHz, VBW = 1kHz; 802.11ax (HE20): RBW = 1MHz, VBW = 1kHz; 802.11ax (HE40): RBW = 1MHz, VBW = 3kHz; 802.11ax (HE80): RBW = 1MHz, VBW = 3kHz

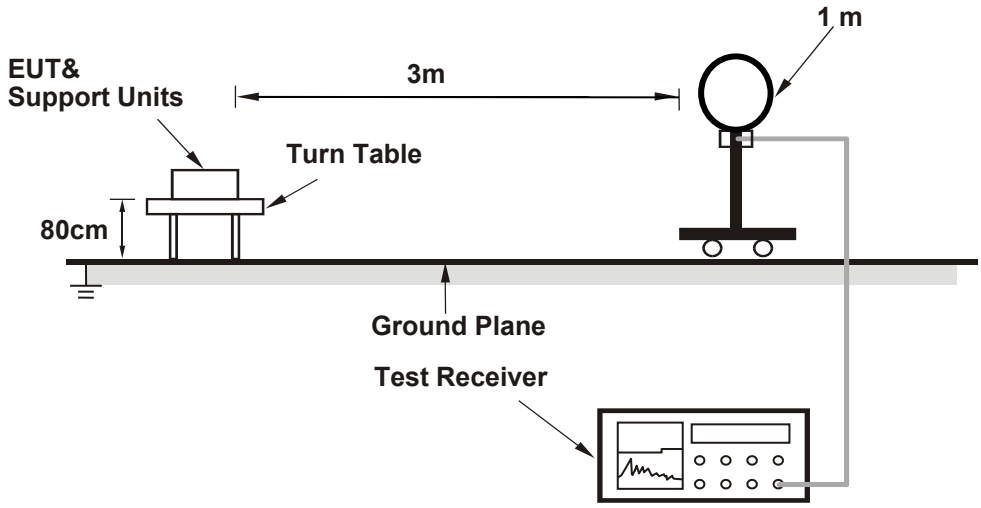
4. All modes of operation were investigated and the worst-case emissions are reported.

4.1.4 Deviation from Test Standard

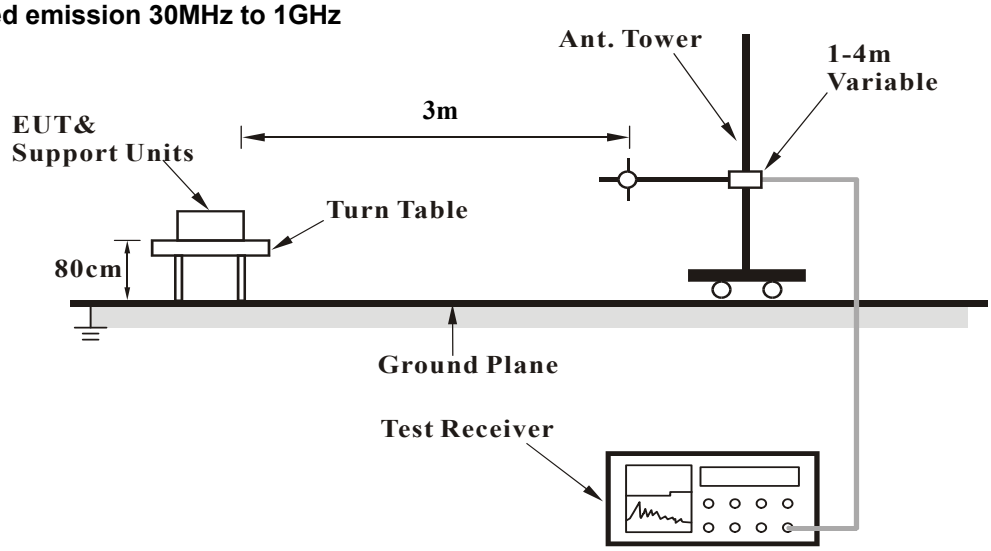
No deviation.

4.1.5 Test Setup

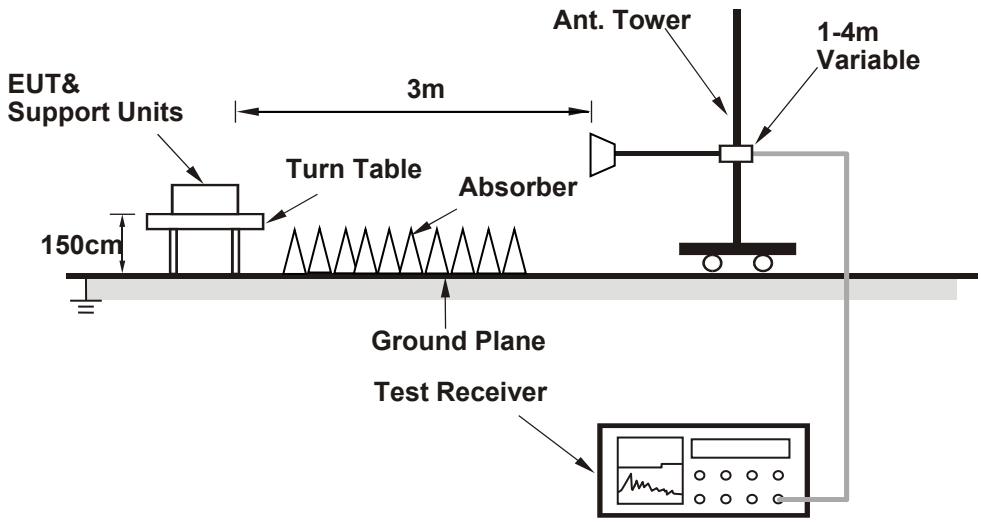
For Radiated emission below 30MHz



For Radiated emission 30MHz to 1GHz



For Radiated emission above 1GHz



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

4.1.6 EUT Operating Conditions

a. Placed the EUT on the testing table.

b. Prepared a notebook to act as a communication partner and placed it outside of testing area.

c. The communication partner connected with EUT via a RJ45 cable and ran a test program (provided by manufacturer) to enable EUT under transmission condition continuously at specific channel frequency.

d. The communication partner sent data to EUT by command "PING".

4.1.7 Test Results

Above 1GHz data:

Test Mode A (Internal antenna + Eth6 Radio)

1TX

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	70.7 PK	74.0	-3.3	1.11 H	325	58.1	12.6
2	5150.00	53.0 AV	54.0	-1.0	1.11 H	325	40.4	12.6
3	*5180.00	109.4 PK			1.03 H	325	67.9	41.5
4	*5180.00	99.4 AV			1.03 H	325	57.9	41.5
5	#10360.00	62.7 PK	68.2	-5.5	2.25 H	232	40.2	22.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.3 PK	74.0	-4.7	1.98 V	3	56.7	12.6
2	5150.00	51.9 AV	54.0	-2.1	1.98 V	3	39.3	12.6
3	*5180.00	108.9 PK			1.96 V	1	67.4	41.5
4	*5180.00	98.6 AV			1.96 V	1	57.1	41.5
5	#10360.00	62.7 PK	68.2	-5.5	2.56 V	288	40.2	22.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	111.3 PK			1.00 H	329	69.8	41.5
2	*5200.00	101.4 AV			1.00 H	329	59.9	41.5
3	#10400.00	63.5 PK	68.2	-4.7	2.11 H	188	40.6	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	110.1 PK			1.33 V	360	68.6	41.5
2	*5200.00	100.2 AV			1.33 V	360	58.7	41.5
3	#10400.00	63.0 PK	68.2	-5.2	3.05 V	214	40.1	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	110.3 PK			1.03 H	325	69.1	41.2
2	*5240.00	100.4 AV			1.03 H	325	59.2	41.2
3	5350.00	61.0 PK	74.0	-13.0	1.05 H	322	48.6	12.4
4	5350.00	47.1 AV	54.0	-6.9	1.05 H	322	34.7	12.4
5	#10480.00	63.3 PK	68.2	-4.9	2.11 H	103	40.5	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	109.2 PK			1.99 V	360	68.0	41.2
2	*5240.00	99.3 AV			1.99 V	360	58.1	41.2
3	5350.00	60.3 PK	74.0	-13.7	1.09 V	359	47.9	12.4
4	5350.00	46.7 AV	54.0	-7.3	1.09 V	359	34.3	12.4
5	#10480.00	62.7 PK	68.2	-5.5	3.33 V	336	39.9	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5608.00	62.8 PK	68.2	-5.4	2.26 H	71	50.1	12.7
2	*5745.00	114.6 PK			2.26 H	71	72.1	42.5
3	*5745.00	104.6 AV			2.26 H	71	62.1	42.5
4	#5954.40	62.8 PK	68.2	-5.4	2.26 H	71	49.2	13.6
5	11490.00	64.6 PK	74.0	-9.4	2.10 H	152	40.5	24.1
6	11490.00	51.1 AV	54.0	-2.9	2.10 H	152	27.0	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5615.20	62.7 PK	68.2	-5.5	3.22 V	15	50.0	12.7
2	*5745.00	111.0 PK			3.22 V	15	68.5	42.5
3	*5745.00	101.0 AV			3.22 V	15	58.5	42.5
4	#5973.60	62.8 PK	68.2	-5.4	3.22 V	15	49.1	13.7
5	11490.00	64.1 PK	74.0	-9.9	2.88 V	241	40.0	24.1
6	11490.00	50.9 AV	54.0	-3.1	2.88 V	241	26.8	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5616.80	64.3 PK	68.2	-3.9	2.30 H	64	51.6	12.7
2	*5785.00	114.7 PK			2.30 H	66	72.1	42.6
3	*5785.00	104.6 AV			2.30 H	66	62.0	42.6
4	#5988.00	64.8 PK	68.2	-3.4	2.30 H	64	51.0	13.8
5	11570.00	64.1 PK	74.0	-9.9	3.01 H	326	40.1	24.0
6	11570.00	50.9 AV	54.0	-3.1	3.01 H	326	26.9	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5618.40	62.9 PK	68.2	-5.3	3.22 V	8	50.2	12.7
2	*5785.00	111.2 PK			3.22 V	8	68.6	42.6
3	*5785.00	101.3 AV			3.22 V	8	58.7	42.6
4	#5960.80	64.0 PK	68.2	-4.2	3.22 V	8	50.3	13.7
5	11570.00	63.6 PK	74.0	-10.4	2.52 V	217	39.6	24.0
6	11570.00	50.5 AV	54.0	-3.5	2.52 V	217	26.5	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5617.60	63.6 PK	68.2	-4.6	2.30 H	59	50.9	12.7
2	*5825.00	114.5 PK			2.30 H	59	71.9	42.6
3	*5825.00	104.5 AV			2.30 H	59	61.9	42.6
4	#5979.20	64.0 PK	68.2	-4.2	2.30 H	59	50.2	13.8
5	11650.00	63.7 PK	74.0	-10.3	2.32 H	222	40.1	23.6
6	11650.00	50.8 AV	54.0	-3.2	2.32 H	222	27.2	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5636.00	62.6 PK	68.2	-5.6	3.21 V	7	49.9	12.7
2	*5825.00	110.9 PK			3.21 V	7	68.3	42.6
3	*5825.00	101.2 AV			3.21 V	7	58.6	42.6
4	#5938.40	63.5 PK	68.2	-4.7	3.21 V	7	49.9	13.6
5	11650.00	63.5 PK	74.0	-10.5	1.00 V	235	39.9	23.6
6	11650.00	50.5 AV	54.0	-3.5	1.00 V	235	26.9	23.6

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.

802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.6 PK	74.0	-6.4	1.05 H	325	55.0	12.6
2	5150.00	53.3 AV	54.0	-0.7	1.05 H	325	40.7	12.6
3	*5180.00	110.8 PK			1.05 H	330	69.3	41.5
4	*5180.00	97.8 AV			1.05 H	330	56.3	41.5
5	#10360.00	62.5 PK	68.2	-5.7	3.33 H	357	40.0	22.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.6 PK	74.0	-7.4	1.95 V	2	54.0	12.6
2	5150.00	52.0 AV	54.0	-2.0	1.95 V	2	39.4	12.6
3	*5180.00	109.8 PK			1.89 V	359	68.3	41.5
4	*5180.00	96.8 AV			1.89 V	359	55.3	41.5
5	#10360.00	62.4 PK	68.2	-5.8	2.66 V	288	39.9	22.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	113.5 PK			1.12 H	326	72.0	41.5
2	*5200.00	100.4 AV			1.12 H	326	58.9	41.5
3	#10400.00	63.0 PK	68.2	-5.2	2.63 H	299	40.1	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	112.5 PK			1.88 V	10	71.0	41.5
2	*5200.00	99.4 AV			1.88 V	10	57.9	41.5
3	#10400.00	62.7 PK	68.2	-5.5	2.10 V	141	39.8	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	112.8 PK			1.00 H	329	71.6	41.2
2	*5240.00	99.4 AV			1.00 H	329	58.2	41.2
3	5350.00	59.7 PK	74.0	-14.3	1.15 H	320	47.3	12.4
4	5350.00	47.1 AV	54.0	-6.9	1.15 H	320	34.7	12.4
5	#10480.00	63.2 PK	68.2	-5.0	2.88 H	144	40.4	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	111.8 PK			1.95 V	360	70.6	41.2
2	*5240.00	98.4 AV			1.95 V	360	57.2	41.2
3	5350.00	58.7 PK	74.0	-15.3	1.15 V	2	46.3	12.4
4	5350.00	46.1 AV	54.0	-7.9	1.15 V	2	33.7	12.4
5	#10480.00	62.9 PK	68.2	-5.3	3.33 V	263	40.1	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5641.60	63.5 PK	68.2	-4.7	2.30 H	71	50.8	12.7
2	*5745.00	116.0 PK			2.30 H	71	73.5	42.5
3	*5745.00	103.4 AV			2.30 H	71	60.9	42.5
4	#5992.00	64.0 PK	68.2	-4.2	2.30 H	71	50.2	13.8
5	11490.00	64.1 PK	74.0	-9.9	1.59 H	166	40.0	24.1
6	11490.00	51.0 AV	54.0	-3.0	1.59 H	166	26.9	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5651.20	62.8 PK	69.1	-6.3	3.20 V	11	50.2	12.6
2	*5745.00	114.3 PK			3.20 V	11	71.8	42.5
3	*5745.00	100.9 AV			3.20 V	11	58.4	42.5
4	#5979.20	62.7 PK	68.2	-5.5	3.20 V	11	48.9	13.8
5	11490.00	63.9 PK	74.0	-10.1	2.00 V	233	39.8	24.1
6	11490.00	50.9 AV	54.0	-3.1	2.00 V	233	26.8	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5601.60	64.0 PK	68.2	-4.2	2.40 H	70	51.4	12.6
2	*5785.00	117.5 PK			2.40 H	70	74.9	42.6
3	*5785.00	104.3 AV			2.40 H	70	61.7	42.6
4	#6000.00	64.5 PK	68.2	-3.7	2.40 H	70	50.7	13.8
5	11570.00	64.1 PK	74.0	-9.9	2.52 H	110	40.1	24.0
6	11570.00	50.9 AV	54.0	-3.1	2.52 H	110	26.9	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5611.20	63.2 PK	68.2	-5.0	3.21 V	11	50.5	12.7
2	*5785.00	114.3 PK			3.21 V	11	71.7	42.6
3	*5785.00	100.8 AV			3.21 V	11	58.2	42.6
4	#5942.40	63.7 PK	68.2	-4.5	3.21 V	11	50.1	13.6
5	11570.00	63.7 PK	74.0	-10.3	3.32 V	122	39.7	24.0
6	11570.00	50.6 AV	54.0	-3.4	3.32 V	122	26.6	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5636.00	62.7 PK	68.2	-5.5	2.38 H	58	50.0	12.7
2	*5825.00	117.2 PK			2.38 H	58	74.6	42.6
3	*5825.00	104.4 AV			2.38 H	58	61.8	42.6
4	#5929.60	63.6 PK	68.2	-4.6	2.38 H	58	50.0	13.6
5	11650.00	63.9 PK	74.0	-10.1	2.00 H	211	40.3	23.6
6	11650.00	50.8 AV	54.0	-3.2	2.00 H	211	27.2	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5610.40	63.2 PK	68.2	-5.0	3.27 V	12	50.5	12.7
2	*5825.00	113.5 PK			3.27 V	12	70.9	42.6
3	*5825.00	101.1 AV			3.27 V	12	58.5	42.6
4	#5960.80	63.7 PK	68.2	-4.5	3.27 V	12	50.0	13.7
5	11650.00	63.5 PK	74.0	-10.5	2.11 V	252	39.9	23.6
6	11650.00	50.5 AV	54.0	-3.5	2.11 V	252	26.9	23.6

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.

802.11ax (HE40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.3 PK	74.0	-4.7	1.05 H	322	56.7	12.6
2	5150.00	52.9 AV	54.0	-1.1	1.05 H	322	40.3	12.6
3	*5190.00	106.2 PK			1.00 H	327	64.7	41.5
4	*5190.00	93.7 AV			1.00 H	327	52.2	41.5
5	#10380.00	62.7 PK	68.2	-5.5	1.56 H	166	40.0	22.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.2 PK	74.0	-5.8	1.35 V	1	55.6	12.6
2	5150.00	51.7 AV	54.0	-2.3	1.35 V	1	39.1	12.6
3	*5190.00	105.2 PK			2.00 V	355	63.7	41.5
4	*5190.00	92.7 AV			2.00 V	355	51.2	41.5
5	#10380.00	62.4 PK	68.2	-5.8	2.41 V	230	39.7	22.7

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.0 PK	74.0	-8.0	1.02 H	330	53.4	12.6
2	5150.00	53.0 AV	54.0	-1.0	1.02 H	330	40.4	12.6
3	*5230.00	110.5 PK			1.00 H	325	69.2	41.3
4	*5230.00	97.8 AV			1.00 H	325	56.5	41.3
5	5350.00	61.5 PK	74.0	-12.5	1.05 H	326	49.1	12.4
6	5350.00	48.7 AV	54.0	-5.3	1.05 H	326	36.3	12.4
7	#10460.00	63.0 PK	68.2	-5.2	3.33 H	326	40.1	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.5 PK	74.0	-7.5	1.05 V	329	53.9	12.6
2	5150.00	51.3 AV	54.0	-2.7	1.05 V	329	38.7	12.6
3	*5230.00	109.8 PK			1.95 V	360	68.5	41.3
4	*5230.00	97.2 AV			1.95 V	360	55.9	41.3
5	5350.00	60.9 PK	74.0	-13.1	1.89 V	10	48.5	12.4
6	5350.00	48.3 AV	54.0	-5.7	1.89 V	10	35.9	12.4
7	#10460.00	62.7 PK	68.2	-5.5	2.77 V	144	39.8	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5632.00	65.1 PK	68.2	-3.1	2.37 H	72	52.4	12.7
2	*5755.00	114.8 PK			2.37 H	72	72.3	42.5
3	*5755.00	101.4 AV			2.37 H	72	58.9	42.5
4	#5988.80	63.9 PK	68.2	-4.3	2.37 H	72	50.1	13.8
5	11510.00	64.5 PK	74.0	-9.5	2.00 H	211	40.6	23.9
6	11510.00	51.0 AV	54.0	-3.0	2.00 H	211	27.1	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5636.00	64.9 PK	68.2	-3.3	3.27 V	11	52.2	12.7
2	*5755.00	111.9 PK			3.27 V	11	69.4	42.5
3	*5755.00	98.9 AV			3.27 V	11	56.4	42.5
4	#5930.40	63.6 PK	68.2	-4.6	3.27 V	11	50.0	13.6
5	11510.00	64.0 PK	74.0	-10.0	2.99 V	233	40.1	23.9
6	11510.00	50.7 AV	54.0	-3.3	2.99 V	233	26.8	23.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5614.40	63.3 PK	68.2	-4.9	2.37 H	59	50.6	12.7
2	*5795.00	114.1 PK			2.37 H	59	71.5	42.6
3	*5795.00	101.3 AV			2.37 H	59	58.7	42.6
4	#5925.60	64.7 PK	68.2	-3.5	2.37 H	59	51.1	13.6
5	11590.00	64.1 PK	74.0	-9.9	2.52 H	214	40.3	23.8
6	11590.00	51.0 AV	54.0	-3.0	2.52 H	214	27.2	23.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5613.60	62.9 PK	68.2	-5.3	3.26 V	11	50.2	12.7
2	*5795.00	111.6 PK			3.26 V	11	69.0	42.6
3	*5795.00	99.0 AV			3.26 V	11	56.4	42.6
4	#5991.20	63.4 PK	68.2	-4.8	3.26 V	11	49.6	13.8
5	11590.00	63.6 PK	74.0	-10.4	2.66 V	285	39.8	23.8
6	11590.00	50.7 AV	54.0	-3.3	2.66 V	285	26.9	23.8

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.

802.11ax (HE80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.1 PK	74.0	-4.9	1.12 H	326	56.5	12.6
2	5150.00	53.2 AV	54.0	-0.8	1.12 H	326	40.6	12.6
3	*5210.00	102.2 PK			1.00 H	326	60.8	41.4
4	*5210.00	90.3 AV			1.00 H	326	48.9	41.4
5	5350.00	60.8 PK	74.0	-13.2	1.22 H	315	48.4	12.4
6	5350.00	47.9 AV	54.0	-6.1	1.22 H	315	35.5	12.4
7	#10420.00	63.6 PK	68.2	-4.6	2.25 H	244	40.8	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.9 PK	74.0	-5.1	1.99 V	1	56.3	12.6
2	5150.00	52.6 AV	54.0	-1.4	1.99 V	1	40.0	12.6
3	*5210.00	101.2 PK			1.95 V	1	59.8	41.4
4	*5210.00	89.3 AV			1.95 V	1	47.9	41.4
5	5350.00	60.6 PK	74.0	-13.4	1.88 V	359	48.2	12.4
6	5350.00	47.6 AV	54.0	-6.4	1.88 V	359	35.2	12.4
7	#10420.00	63.3 PK	68.2	-4.9	2.66 V	211	40.5	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.00	67.1 PK	68.2	-1.1	2.40 H	68	54.5	12.6
2	*5775.00	108.5 PK			2.40 H	68	65.9	42.6
3	*5775.00	97.2 AV			2.40 H	68	54.6	42.6
4	#5929.60	66.3 PK	68.2	-1.9	2.40 H	68	52.7	13.6
5	11550.00	64.5 PK	74.0	-9.5	2.63 H	222	40.6	23.9
6	11550.00	50.9 AV	54.0	-3.1	2.63 H	222	27.0	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.40	66.2 PK	68.2	-2.0	3.27 V	14	53.6	12.6
2	*5775.00	107.1 PK			3.27 V	14	64.5	42.6
3	*5775.00	94.8 AV			3.27 V	14	52.2	42.6
4	#5940.80	65.4 PK	68.2	-2.8	3.27 V	14	51.8	13.6
5	11550.00	63.9 PK	74.0	-10.1	2.22 V	233	40.0	23.9
6	11550.00	50.6 AV	54.0	-3.4	2.22 V	233	26.7	23.9

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.

2TX

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	70.7 PK	74.0	-3.3	2.53 H	229	58.1	12.6
2	5150.00	53.1 AV	54.0	-0.9	2.53 H	229	40.5	12.6
3	*5180.00	111.8 PK			2.53 H	322	70.3	41.5
4	*5180.00	102.5 AV			2.53 H	322	61.0	41.5
5	#10360.00	62.8 PK	68.2	-5.4	1.05 H	22	40.3	22.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.2 PK	74.0	-5.8	3.90 V	12	55.6	12.6
2	5150.00	51.5 AV	54.0	-2.5	3.90 V	12	38.9	12.6
3	*5180.00	110.8 PK			3.91 V	9	69.3	41.5
4	*5180.00	101.5 AV			3.91 V	9	60.0	41.5
5	#10360.00	62.6 PK	68.2	-5.6	2.62 V	222	40.1	22.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	114.4 PK			2.52 H	322	72.9	41.5
2	*5200.00	104.6 AV			2.52 H	322	63.1	41.5
3	#10400.00	63.2 PK	68.2	-5.0	2.59 H	102	40.3	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	112.9 PK			3.84 V	10	71.4	41.5
2	*5200.00	103.1 AV			3.84 V	10	61.6	41.5
3	#10400.00	62.6 PK	68.2	-5.6	2.63 V	233	39.7	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	114.5 PK			2.53 H	319	73.3	41.2
2	*5240.00	104.5 AV			2.53 H	319	63.3	41.2
3	5350.00	59.9 PK	74.0	-14.1	2.55 H	322	47.5	12.4
4	5350.00	47.3 AV	54.0	-6.7	2.55 H	322	34.9	12.4
5	#10480.00	63.7 PK	68.2	-4.5	1.47 H	153	40.9	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	112.5 PK			3.89 V	8	71.3	41.2
2	*5240.00	102.5 AV			3.89 V	8	61.3	41.2
3	5350.00	59.3 PK	74.0	-14.7	3.55 V	12	46.9	12.4
4	5350.00	46.9 AV	54.0	-7.1	3.55 V	12	34.5	12.4
5	#10480.00	63.3 PK	68.2	-4.9	2.11 V	152	40.5	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5614.40	64.8 PK	68.2	-3.4	2.33 H	57	52.1	12.7
2	*5745.00	119.1 PK			2.33 H	57	76.6	42.5
3	*5745.00	109.5 AV			2.33 H	57	67.0	42.5
4	#5964.00	65.8 PK	68.2	-2.4	2.33 H	57	52.1	13.7
5	11490.00	64.7 PK	74.0	-9.3	2.00 H	152	40.6	24.1
6	11490.00	51.0 AV	54.0	-3.0	2.00 H	152	26.9	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5636.80	65.3 PK	68.2	-2.9	3.66 V	2	52.6	12.7
2	*5745.00	117.7 PK			3.66 V	2	75.2	42.5
3	*5745.00	108.1 AV			3.66 V	2	65.6	42.5
4	#5969.60	65.9 PK	68.2	-2.3	3.66 V	2	52.2	13.7
5	11490.00	63.9 PK	74.0	-10.1	2.22 V	152	39.8	24.1
6	11490.00	50.7 AV	54.0	-3.3	2.22 V	152	26.6	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5603.20	65.5 PK	68.2	-2.7	2.69 H	58	52.9	12.6
2	*5785.00	119.9 PK			2.69 H	58	77.3	42.6
3	*5785.00	109.7 AV			2.69 H	58	67.1	42.6
4	#5954.40	65.5 PK	68.2	-2.7	2.69 H	58	51.9	13.6
5	11570.00	64.2 PK	74.0	-9.8	3.09 H	222	40.2	24.0
6	11570.00	50.8 AV	54.0	-3.2	3.09 H	222	26.8	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5629.60	65.0 PK	68.2	-3.2	3.65 V	358	52.3	12.7
2	*5785.00	117.1 PK			3.65 V	358	74.5	42.6
3	*5785.00	107.1 AV			3.65 V	358	64.5	42.6
4	#5942.40	66.1 PK	68.2	-2.1	3.65 V	358	52.5	13.6
5	11570.00	63.6 PK	74.0	-10.4	3.00 V	105	39.6	24.0
6	11570.00	50.7 AV	54.0	-3.3	3.00 V	105	26.7	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5638.40	65.9 PK	68.2	-2.3	2.73 H	54	53.2	12.7
2	*5825.00	118.6 PK			2.73 H	54	76.0	42.6
3	*5825.00	108.7 AV			2.73 H	54	66.1	42.6
4	#5969.60	64.8 PK	68.2	-3.4	2.73 H	54	51.1	13.7
5	11650.00	63.6 PK	74.0	-10.4	1.52 H	147	40.0	23.6
6	11650.00	50.4 AV	54.0	-3.6	1.52 H	147	26.8	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5619.20	65.1 PK	68.2	-3.1	3.66 V	358	52.4	12.7
2	*5825.00	116.8 PK			3.66 V	358	74.2	42.6
3	*5825.00	106.7 AV			3.66 V	358	64.1	42.6
4	#5996.80	66.0 PK	68.2	-2.2	3.66 V	358	52.2	13.8
5	11650.00	63.3 PK	74.0	-10.7	3.00 V	255	39.7	23.6
6	11650.00	49.9 AV	54.0	-4.1	3.00 V	255	26.3	23.6

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.

802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.8 PK	74.0	-7.2	2.56 H	316	54.2	12.6
2	5150.00	52.9 AV	54.0	-1.1	2.56 H	316	40.3	12.6
3	*5180.00	112.9 PK			2.57 H	325	71.4	41.5
4	*5180.00	100.0 AV			2.57 H	325	58.5	41.5
5	#10360.00	63.1 PK	68.2	-5.1	3.33 H	100	40.6	22.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.1 PK	74.0	-4.9	3.82 V	15	56.5	12.6
2	5150.00	51.2 AV	54.0	-2.8	3.82 V	15	38.6	12.6
3	*5180.00	112.0 PK			1.91 V	12	70.5	41.5
4	*5180.00	99.0 AV			1.91 V	12	57.5	41.5
5	#10360.00	62.5 PK	68.2	-5.7	2.45 V	210	40.0	22.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	115.7 PK			2.72 H	321	74.2	41.5
2	*5200.00	103.1 AV			2.72 H	321	61.6	41.5
3	#10400.00	63.8 PK	68.2	-4.4	2.22 H	120	40.9	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	114.8 PK			3.79 V	15	73.3	41.5
2	*5200.00	102.2 AV			3.79 V	15	60.7	41.5
3	#10400.00	63.1 PK	68.2	-5.1	2.55 V	125	40.2	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	118.1 PK			3.62 H	68	76.9	41.2
2	*5240.00	104.9 AV			3.62 H	68	63.7	41.2
3	5350.00	59.3 PK	74.0	-14.7	2.66 H	99	46.9	12.4
4	5350.00	47.3 AV	54.0	-6.7	2.66 H	99	34.9	12.4
5	#10480.00	63.1 PK	68.2	-5.1	1.85 H	29	40.3	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	117.1 PK			3.65 V	22	75.9	41.2
2	*5240.00	103.9 AV			3.65 V	22	62.7	41.2
3	5350.00	59.1 PK	74.0	-14.9	3.00 V	10	46.7	12.4
4	5350.00	46.9 AV	54.0	-7.1	3.00 V	10	34.5	12.4
5	#10480.00	62.8 PK	68.2	-5.4	2.21 V	155	40.0	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5605.60	65.0 PK	68.2	-3.2	2.74 H	54	52.4	12.6
2	*5745.00	121.5 PK			2.74 H	54	79.0	42.5
3	*5745.00	108.9 AV			2.74 H	54	66.4	42.5
4	#5944.80	65.5 PK	68.2	-2.7	2.74 H	54	51.9	13.6
5	11490.00	64.3 PK	74.0	-9.7	1.02 H	201	40.2	24.1
6	11490.00	50.6 AV	54.0	-3.4	1.02 H	201	26.5	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5605.60	64.9 PK	68.2	-3.3	3.66 V	360	52.3	12.6
2	*5745.00	118.1 PK			3.66 V	360	75.6	42.5
3	*5745.00	106.5 AV			3.66 V	360	64.0	42.5
4	#5932.00	65.1 PK	68.2	-3.1	3.66 V	360	51.5	13.6
5	11490.00	63.6 PK	74.0	-10.4	2.63 V	233	39.5	24.1
6	11490.00	50.8 AV	54.0	-3.2	2.63 V	233	26.7	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5623.20	65.3 PK	68.2	-2.9	2.73 H	54	52.6	12.7
2	*5785.00	121.6 PK			2.73 H	54	79.0	42.6
3	*5785.00	109.0 AV			2.73 H	54	66.4	42.6
4	#5979.20	65.5 PK	68.2	-2.7	2.73 H	54	51.7	13.8
5	11570.00	64.5 PK	74.0	-9.5	1.04 H	333	40.5	24.0
6	11570.00	50.7 AV	54.0	-3.3	1.04 H	333	26.7	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5633.60	66.1 PK	68.2	-2.1	3.66 V	3	53.4	12.7
2	*5785.00	117.1 PK			3.66 V	3	74.5	42.6
3	*5785.00	105.8 AV			3.66 V	3	63.2	42.6
4	#5932.00	65.8 PK	68.2	-2.4	3.66 V	3	52.2	13.6
5	11570.00	63.4 PK	74.0	-10.6	2.55 V	211	39.4	24.0
6	11570.00	50.3 AV	54.0	-3.7	2.55 V	211	26.3	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5608.00	65.4 PK	68.2	-2.8	2.82 H	56	52.7	12.7
2	*5825.00	120.9 PK			2.82 H	56	78.3	42.6
3	*5825.00	107.6 AV			2.82 H	56	65.0	42.6
4	#6000.00	65.7 PK	68.2	-2.5	2.82 H	56	51.9	13.8
5	11650.00	64.3 PK	74.0	-9.7	3.02 H	300	40.7	23.6
6	11650.00	50.6 AV	54.0	-3.4	3.02 H	300	27.0	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5636.00	64.7 PK	68.2	-3.5	3.67 V	3	52.0	12.7
2	*5825.00	116.9 PK			3.67 V	360	74.3	42.6
3	*5825.00	105.1 AV			3.67 V	360	62.5	42.6
4	#5984.00	65.1 PK	68.2	-3.1	3.67 V	3	51.3	13.8
5	11650.00	63.2 PK	74.0	-10.8	2.52 V	241	39.6	23.6
6	11650.00	49.4 AV	54.0	-4.6	2.52 V	241	25.8	23.6

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.

802.11ax (HE40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	71.9 PK	74.0	-2.1	3.47 H	80	59.3	12.6
2	5150.00	53.2 AV	54.0	-0.8	3.47 H	80	40.6	12.6
3	*5190.00	109.8 PK			3.44 H	95	68.3	41.5
4	*5190.00	98.0 AV			3.44 H	95	56.5	41.5
5	#10380.00	62.7 PK	68.2	-5.5	2.99 H	263	40.0	22.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.2 PK	74.0	-6.8	3.89 V	20	54.6	12.6
2	5150.00	50.6 AV	54.0	-3.4	3.89 V	20	38.0	12.6
3	*5190.00	108.8 PK			3.91 V	10	67.3	41.5
4	*5190.00	97.0 AV			3.91 V	10	55.5	41.5
5	#10380.00	62.2 PK	68.2	-6.0	2.52 V	159	39.5	22.7

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5230.00	115.5 PK			3.45 H	77	74.2	41.3
2	*5230.00	103.3 AV			3.45 H	77	62.0	41.3
3	5350.00	61.3 PK	74.0	-12.7	3.49 H	105	48.9	12.4
4	5350.00	49.9 AV	54.0	-4.1	3.49 H	105	37.5	12.4
5	#10460.00	63.8 PK	68.2	-4.4	2.22 H	122	40.9	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5230.00	114.5 PK			3.89 V	10	73.2	41.3
2	*5230.00	102.3 AV			3.89 V	10	61.0	41.3
3	5350.00	60.3 PK	74.0	-13.7	3.78 V	15	47.9	12.4
4	5350.00	49.4 AV	54.0	-4.6	3.78 V	15	37.0	12.4
5	#10460.00	63.1 PK	68.2	-5.1	2.57 V	141	40.2	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.40	67.2 PK	68.2	-1.0	2.80 H	57	54.6	12.6
2	*5755.00	118.5 PK			2.80 H	57	76.0	42.5
3	*5755.00	106.5 AV			2.80 H	57	64.0	42.5
4	#5981.60	61.7 PK	68.2	-6.5	2.80 H	57	47.9	13.8
5	11510.00	64.2 PK	74.0	-9.8	2.11 H	109	40.3	23.9
6	11510.00	50.8 AV	54.0	-3.2	2.11 H	109	26.9	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5650.40	66.8 PK	68.5	-1.7	3.71 V	4	54.2	12.6
2	*5755.00	115.5 PK			3.71 V	4	73.0	42.5
3	*5755.00	103.1 AV			3.71 V	4	60.6	42.5
4	#5923.20	64.1 PK	69.5	-5.4	3.71 V	4	50.5	13.6
5	11510.00	63.2 PK	74.0	-10.8	2.15 V	233	39.3	23.9
6	11510.00	50.4 AV	54.0	-3.6	2.15 V	233	26.5	23.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5639.20	64.8 PK	68.2	-3.4	2.78 H	56	52.1	12.7
2	*5795.00	118.4 PK			2.78 H	56	75.8	42.6
3	*5795.00	106.1 AV			2.78 H	56	63.5	42.6
4	#5928.80	67.0 PK	68.2	-1.2	2.78 H	56	53.4	13.6
5	11590.00	63.8 PK	74.0	-10.2	2.22 H	211	40.0	23.8
6	11590.00	50.4 AV	54.0	-3.6	2.22 H	211	26.6	23.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5624.80	65.8 PK	68.2	-2.4	3.17 V	359	53.1	12.7
2	*5795.00	114.8 PK			3.17 V	359	72.2	42.6
3	*5795.00	102.3 AV			3.17 V	359	59.7	42.6
4	#5926.40	65.6 PK	68.2	-2.6	3.17 V	359	52.0	13.6
5	11590.00	63.5 PK	74.0	-10.5	1.55 V	122	39.7	23.8
6	11590.00	49.9 AV	54.0	-4.1	1.55 V	122	26.1	23.8

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.

802.11ax (HE80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.1 PK	74.0	-6.9	3.49 H	79	54.5	12.6
2	5150.00	53.0 AV	54.0	-1.0	3.49 H	79	40.4	12.6
3	*5210.00	105.6 PK			3.45 H	72	64.2	41.4
4	*5210.00	93.5 AV			3.45 H	72	52.1	41.4
5	5350.00	59.7 PK	74.0	-14.3	3.44 H	63	47.3	12.4
6	5350.00	46.7 AV	54.0	-7.3	3.44 H	63	34.3	12.4
7	#10420.00	63.4 PK	68.2	-4.8	2.11 H	155	40.6	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	70.2 PK	74.0	-3.8	3.89 V	22	57.6	12.6
2	5150.00	51.1 AV	54.0	-2.9	3.89 V	22	38.5	12.6
3	*5210.00	104.6 PK			3.88 V	15	63.2	41.4
4	*5210.00	92.5 AV			3.88 V	15	51.1	41.4
5	5350.00	59.3 PK	74.0	-14.7	2.19 V	10	46.9	12.4
6	5350.00	46.6 AV	54.0	-7.4	2.19 V	10	34.2	12.4
7	#10420.00	62.9 PK	68.2	-5.3	2.56 V	100	40.1	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.00	67.1 PK	68.2	-1.1	2.79 H	53	54.5	12.6
2	*5775.00	109.4 PK			2.79 H	53	66.8	42.6
3	*5775.00	98.7 AV			2.79 H	53	56.1	42.6
4	#5929.60	67.1 PK	68.2	-1.1	2.79 H	53	53.5	13.6
5	11550.00	63.7 PK	74.0	-10.3	3.02 H	140	39.8	23.9
6	11550.00	51.0 AV	54.0	-3.0	3.02 H	140	27.1	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5650.40	65.6 PK	68.5	-2.9	3.17 V	4	53.0	12.6
2	*5775.00	106.8 PK			3.17 V	4	64.2	42.6
3	*5775.00	95.0 AV			3.17 V	4	52.4	42.6
4	#5927.20	65.7 PK	68.2	-2.5	3.17 V	4	52.1	13.6
5	11550.00	63.7 PK	74.0	-10.3	2.21 V	336	39.8	23.9
6	11550.00	50.4 AV	54.0	-3.6	2.21 V	336	26.5	23.9

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.

3TX

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5149.00	70.6 PK	74.0	-3.4	2.91 H	314	58.0	12.6
2	5149.00	52.5 AV	54.0	-1.5	2.91 H	314	39.9	12.6
3	*5180.00	114.2 PK			1.14 H	320	72.7	41.5
4	*5180.00	105.7 AV			1.14 H	320	64.2	41.5
5	#10360.00	63.7 PK	68.2	-4.5	3.15 H	210	41.2	22.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5149.00	70.9 PK	74.0	-3.1	4.00 V	5	58.3	12.6
2	5149.00	52.4 AV	54.0	-1.6	4.00 V	5	39.8	12.6
3	*5180.00	114.1 PK			3.89 V	7	72.6	41.5
4	*5180.00	104.6 AV			3.89 V	7	63.1	41.5
5	#10360.00	63.0 PK	68.2	-5.2	1.05 V	198	40.5	22.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	117.2 PK			3.20 H	43	75.7	41.5
2	*5200.00	107.7 AV			3.20 H	43	66.2	41.5
3	#10400.00	63.7 PK	68.2	-4.5	2.63 H	199	40.8	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	116.1 PK			3.91 V	6	74.6	41.5
2	*5200.00	106.7 AV			3.91 V	6	65.2	41.5
3	#10400.00	63.1 PK	68.2	-5.1	1.85 V	230	40.2	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	117.0 PK			3.07 H	67	75.8	41.2
2	*5240.00	107.6 AV			3.07 H	67	66.4	41.2
3	5350.00	60.8 PK	74.0	-13.2	2.78 H	93	48.4	12.4
4	5350.00	48.6 AV	54.0	-5.4	2.78 H	93	36.2	12.4
5	#10480.00	63.9 PK	68.2	-4.3	2.78 H	163	41.1	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	115.4 PK			3.95 V	8	74.2	41.2
2	*5240.00	106.3 AV			3.95 V	8	65.1	41.2
3	5350.00	60.4 PK	74.0	-13.6	3.88 V	19	48.0	12.4
4	5350.00	48.1 AV	54.0	-5.9	3.88 V	19	35.7	12.4
5	#10480.00	63.1 PK	68.2	-5.1	1.95 V	210	40.3	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.80	65.3 PK	68.2	-2.9	2.50 H	52	52.7	12.6
2	*5745.00	122.8 PK			2.50 H	52	80.3	42.5
3	*5745.00	112.3 AV			2.50 H	52	69.8	42.5
4	#5939.20	64.1 PK	68.2	-4.1	2.50 H	52	50.5	13.6
5	11490.00	64.5 PK	74.0	-9.5	1.92 H	220	40.4	24.1
6	11490.00	50.6 AV	54.0	-3.4	1.92 H	220	26.5	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5628.80	63.0 PK	68.2	-5.2	3.86 V	7	50.3	12.7
2	*5745.00	120.1 PK			3.86 V	7	77.6	42.5
3	*5745.00	110.1 AV			3.86 V	7	67.6	42.5
4	#5960.80	63.4 PK	68.2	-4.8	3.86 V	7	49.7	13.7
5	11490.00	64.1 PK	74.0	-9.9	1.95 V	114	40.0	24.1
6	11490.00	50.2 AV	54.0	-3.8	1.95 V	114	26.1	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5604.00	62.5 PK	68.2	-5.7	2.50 H	59	49.9	12.6
2	*5785.00	122.4 PK			2.50 H	59	79.8	42.6
3	*5785.00	112.6 AV			2.50 H	59	70.0	42.6
4	#5953.60	64.3 PK	68.2	-3.9	2.50 H	59	50.7	13.6
5	11570.00	64.2 PK	74.0	-9.8	1.88 H	210	40.2	24.0
6	11570.00	50.4 AV	54.0	-3.6	1.88 H	210	26.4	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5641.60	64.1 PK	68.2	-4.1	3.93 V	1	51.4	12.7
2	*5785.00	119.8 PK			3.93 V	1	77.2	42.6
3	*5785.00	109.8 AV			3.93 V	1	67.2	42.6
4	#5989.60	63.8 PK	68.2	-4.4	3.93 V	1	50.0	13.8
5	11570.00	64.1 PK	74.0	-9.9	1.74 V	165	40.1	24.0
6	11570.00	50.3 AV	54.0	-3.7	1.74 V	165	26.3	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5623.20	63.1 PK	68.2	-5.1	2.75 H	57	50.4	12.7
2	*5825.00	121.4 PK			2.75 H	57	78.8	42.6
3	*5825.00	111.1 AV			2.75 H	57	68.5	42.6
4	#5928.80	62.6 PK	68.2	-5.6	2.75 H	57	49.0	13.6
5	11650.00	63.9 PK	74.0	-10.1	2.00 H	248	40.3	23.6
6	11650.00	49.9 AV	54.0	-4.1	2.00 H	248	26.3	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.80	63.2 PK	68.2	-5.0	3.90 V	2	50.6	12.6
2	*5825.00	119.0 PK			3.90 V	2	76.4	42.6
3	*5825.00	109.4 AV			3.90 V	2	66.8	42.6
4	#5928.00	64.0 PK	68.2	-4.2	3.90 V	2	50.4	13.6
5	11650.00	63.6 PK	74.0	-10.4	1.36 V	200	40.0	23.6
6	11650.00	49.8 AV	54.0	-4.2	1.36 V	200	26.2	23.6

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.

802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5148.00	70.2 PK	74.0	-3.8	3.15 H	70	57.6	12.6
2	5148.00	53.0 AV	54.0	-1.0	3.15 H	70	40.4	12.6
3	*5180.00	115.9 PK			3.06 H	63	74.4	41.5
4	*5180.00	104.5 AV			3.06 H	63	63.0	41.5
5	#10360.00	63.5 PK	68.2	-4.7	3.05 H	182	41.0	22.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5148.00	68.1 PK	74.0	-5.9	3.90 V	7	55.5	12.6
2	5148.00	52.0 AV	54.0	-2.0	3.90 V	7	39.4	12.6
3	*5180.00	115.9 PK			3.90 V	5	74.4	41.5
4	*5180.00	103.8 AV			3.90 V	5	62.3	41.5
5	#10360.00	63.0 PK	68.2	-5.2	2.36 V	142	40.5	22.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	117.9 PK			3.24 H	66	76.4	41.5
2	*5200.00	106.5 AV			3.24 H	66	65.0	41.5
3	#10400.00	63.7 PK	68.2	-4.5	2.69 H	136	40.8	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	116.6 PK			3.88 V	4	75.1	41.5
2	*5200.00	105.3 AV			3.88 V	4	63.8	41.5
3	#10400.00	63.1 PK	68.2	-5.1	2.36 V	114	40.2	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	117.4 PK			3.17 H	67	76.2	41.2
2	*5240.00	106.0 AV			3.17 H	67	64.8	41.2
3	5350.00	60.0 PK	74.0	-14.0	3.30 H	79	47.6	12.4
4	5350.00	48.0 AV	54.0	-6.0	3.30 H	79	35.6	12.4
5	#10480.00	63.7 PK	68.2	-4.5	2.66 H	187	40.9	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	116.2 PK			3.92 V	7	75.0	41.2
2	*5240.00	104.7 AV			3.92 V	7	63.5	41.2
3	5350.00	59.6 PK	74.0	-14.4	3.79 V	16	47.2	12.4
4	5350.00	47.5 AV	54.0	-6.5	3.79 V	16	35.1	12.4
5	#10480.00	63.1 PK	68.2	-5.1	1.55 V	187	40.3	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5624.00	64.1 PK	68.2	-4.1	2.75 H	45	51.4	12.7
2	*5745.00	124.1 PK			2.75 H	45	81.6	42.5
3	*5745.00	111.3 AV			2.75 H	45	68.8	42.5
4	#5967.20	63.3 PK	68.2	-4.9	2.75 H	45	49.6	13.7
5	11490.00	64.3 PK	74.0	-9.7	2.22 H	196	40.2	24.1
6	11490.00	50.6 AV	54.0	-3.4	2.22 H	196	26.5	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.00	63.4 PK	68.2	-4.8	4.00 V	5	50.7	12.7
2	*5745.00	121.3 PK			4.00 V	5	78.8	42.5
3	*5745.00	109.3 AV			4.00 V	5	66.8	42.5
4	#5982.40	63.6 PK	68.2	-4.6	4.00 V	5	49.8	13.8
5	11490.00	64.1 PK	74.0	-9.9	2.58 V	177	40.0	24.1
6	11490.00	50.2 AV	54.0	-3.8	2.58 V	177	26.1	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5637.60	63.0 PK	68.2	-5.2	2.73 H	45	50.3	12.7
2	*5785.00	123.5 PK			2.73 H	45	80.9	42.6
3	*5785.00	110.5 AV			2.73 H	45	67.9	42.6
4	#5929.60	64.3 PK	68.2	-3.9	2.73 H	45	50.7	13.6
5	11570.00	64.4 PK	74.0	-9.6	1.62 H	233	40.4	24.0
6	11570.00	50.6 AV	54.0	-3.4	1.62 H	233	26.6	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5605.60	63.2 PK	68.2	-5.0	4.00 V	1	50.6	12.6
2	*5785.00	119.8 PK			4.00 V	1	77.2	42.6
3	*5785.00	108.8 AV			4.00 V	1	66.2	42.6
4	#5956.00	63.1 PK	68.2	-5.1	4.00 V	1	49.5	13.6
5	11570.00	64.2 PK	74.0	-9.8	1.84 V	163	40.2	24.0
6	11570.00	49.9 AV	54.0	-4.1	1.84 V	163	25.9	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5614.40	63.3 PK	68.2	-4.9	2.30 H	55	50.6	12.7
2	*5825.00	122.9 PK			2.30 H	55	80.3	42.6
3	*5825.00	110.5 AV			2.30 H	55	67.9	42.6
4	#5934.40	64.6 PK	68.2	-3.6	2.30 H	55	51.0	13.6
5	11650.00	64.1 PK	74.0	-9.9	1.90 H	216	40.5	23.6
6	11650.00	49.9 AV	54.0	-4.1	1.90 H	216	26.3	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5604.80	63.1 PK	68.2	-5.1	3.83 V	1	50.5	12.6
2	*5825.00	119.6 PK			3.83 V	1	77.0	42.6
3	*5825.00	108.9 AV			3.83 V	1	66.3	42.6
4	#5998.40	63.7 PK	68.2	-4.5	3.83 V	1	49.9	13.8
5	11650.00	63.6 PK	74.0	-10.4	1.79 V	201	40.0	23.6
6	11650.00	49.7 AV	54.0	-4.3	1.79 V	201	26.1	23.6

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.

802.11ax (HE40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5149.00	68.3 PK	74.0	-5.7	3.08 H	43	55.7	12.6
2	5149.00	53.0 AV	54.0	-1.0	3.08 H	43	40.4	12.6
3	*5190.00	112.1 PK			3.08 H	66	70.6	41.5
4	*5190.00	99.9 AV			3.08 H	66	58.4	41.5
5	#10380.00	63.4 PK	68.2	-4.8	2.84 H	193	40.7	22.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5149.00	66.8 PK	74.0	-7.2	3.90 V	7	54.2	12.6
2	5149.00	52.1 AV	54.0	-1.9	3.90 V	7	39.5	12.6
3	*5190.00	111.7 PK			3.93 V	10	70.2	41.5
4	*5190.00	98.6 AV			3.93 V	10	57.1	41.5
5	#10380.00	63.1 PK	68.2	-5.1	1.99 V	241	40.4	22.7

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.4 PK	74.0	-5.6	3.19 H	61	55.8	12.6
2	5150.00	53.0 AV	54.0	-1.0	3.19 H	61	40.4	12.6
3	*5230.00	115.3 PK			3.19 H	69	74.0	41.3
4	*5230.00	103.7 AV			3.19 H	69	62.4	41.3
5	5350.00	61.1 PK	74.0	-12.9	2.98 H	55	48.7	12.4
6	5350.00	48.7 AV	54.0	-5.3	2.98 H	55	36.3	12.4
7	#10460.00	63.8 PK	68.2	-4.4	2.21 H	137	40.9	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.6 PK	74.0	-6.4	3.91 V	5	55.0	12.6
2	5150.00	52.4 AV	54.0	-1.6	3.91 V	5	39.8	12.6
3	*5230.00	114.4 PK			3.88 V	3	73.1	41.3
4	*5230.00	102.3 AV			3.88 V	3	61.0	41.3
5	5350.00	60.6 PK	74.0	-13.4	3.99 V	17	48.2	12.4
6	5350.00	48.1 AV	54.0	-5.9	3.99 V	17	35.7	12.4
7	#10460.00	63.0 PK	68.2	-5.2	1.29 V	114	40.1	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5645.60	66.8 PK	68.2	-1.4	2.33 H	61	54.2	12.6
2	*5755.00	120.5 PK			2.33 H	61	78.0	42.5
3	*5755.00	108.2 AV			2.33 H	61	65.7	42.5
4	#5972.00	62.6 PK	68.2	-5.6	2.33 H	61	48.9	13.7
5	11510.00	64.2 PK	74.0	-9.8	2.14 H	115	40.3	23.9
6	11510.00	50.5 AV	54.0	-3.5	2.14 H	115	26.6	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5636.00	64.4 PK	68.2	-3.8	3.82 V	2	51.7	12.7
2	*5755.00	117.8 PK			3.82 V	2	75.3	42.5
3	*5755.00	105.7 AV			3.82 V	2	63.2	42.5
4	#5928.00	62.6 PK	68.2	-5.6	3.82 V	2	49.0	13.6
5	11510.00	63.8 PK	74.0	-10.2	2.74 V	165	39.9	23.9
6	11510.00	50.2 AV	54.0	-3.8	2.74 V	165	26.3	23.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.00	64.2 PK	68.2	-4.0	2.34 H	55	51.5	12.7
2	*5795.00	120.1 PK			2.34 H	55	77.5	42.6
3	*5795.00	108.6 AV			2.34 H	55	66.0	42.6
4	#5928.00	66.9 PK	68.2	-1.3	2.34 H	55	53.3	13.6
5	11590.00	64.3 PK	74.0	-9.7	1.85 H	231	40.5	23.8
6	11590.00	50.2 AV	54.0	-3.8	1.85 H	231	26.4	23.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.00	63.7 PK	68.2	-4.5	3.90 V	358	51.0	12.7
2	*5795.00	116.7 PK			3.90 V	358	74.1	42.6
3	*5795.00	105.0 AV			3.90 V	358	62.4	42.6
4	#5928.80	64.1 PK	68.2	-4.1	3.90 V	358	50.5	13.6
5	11590.00	63.9 PK	74.0	-10.1	1.62 V	240	40.1	23.8
6	11590.00	49.8 AV	54.0	-4.2	1.62 V	240	26.0	23.8

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.

802.11ax (HE80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.4 PK	74.0	-6.6	3.16 H	66	54.8	12.6
2	5150.00	52.8 AV	54.0	-1.2	3.16 H	66	40.2	12.6
3	*5210.00	109.6 PK			3.24 H	65	68.2	41.4
4	*5210.00	97.4 AV			3.24 H	65	56.0	41.4
5	5350.00	60.9 PK	74.0	-13.1	3.09 H	91	48.5	12.4
6	5350.00	48.2 AV	54.0	-5.8	3.09 H	91	35.8	12.4
7	#10420.00	63.9 PK	68.2	-4.3	2.51 H	220	41.1	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.5 PK	74.0	-7.5	3.91 V	13	53.9	12.6
2	5150.00	52.2 AV	54.0	-1.8	3.91 V	13	39.6	12.6
3	*5210.00	108.4 PK			3.91 V	7	67.0	41.4
4	*5210.00	96.3 AV			3.91 V	7	54.9	41.4
5	5350.00	60.4 PK	74.0	-13.6	3.96 V	358	48.0	12.4
6	5350.00	47.7 AV	54.0	-6.3	3.96 V	358	35.3	12.4
7	#10420.00	63.3 PK	68.2	-4.9	2.01 V	187	40.5	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5650.40	64.4 PK	68.5	-4.1	2.47 H	59	51.8	12.6
2	*5775.00	112.7 PK			2.47 H	59	70.1	42.6
3	*5775.00	99.5 AV			2.47 H	59	56.9	42.6
4	#5935.20	64.0 PK	68.2	-4.2	2.57 H	59	50.4	13.6
5	11550.00	64.4 PK	74.0	-9.6	2.01 H	195	40.5	23.9
6	11550.00	50.5 AV	54.0	-3.5	2.01 H	195	26.6	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5647.20	65.2 PK	68.2	-3.0	3.73 V	3	52.6	12.6
2	*5775.00	110.6 PK			3.73 V	3	68.0	42.6
3	*5775.00	98.0 AV			3.73 V	3	55.4	42.6
4	#5973.60	63.9 PK	68.2	-4.3	3.73 V	3	50.2	13.7
5	11550.00	64.0 PK	74.0	-10.0	1.69 V	225	40.1	23.9
6	11550.00	50.4 AV	54.0	-3.6	1.69 V	225	26.5	23.9

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.

Test Mode C (Internal antenna + Eth7 Radio)

1TX

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.3 PK	74.0	-4.7	1.08 H	66	56.7	12.6
2	5150.00	52.9 AV	54.0	-1.1	1.08 H	66	40.3	12.6
3	*5180.00	113.5 PK			1.08 H	64	72.0	41.5
4	*5180.00	103.9 AV			1.08 H	64	62.4	41.5
5	#10360.00	62.7 PK	68.2	-5.5	2.62 H	288	40.2	22.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.3 PK	74.0	-6.7	1.12 V	329	54.7	12.6
2	5150.00	50.8 AV	54.0	-3.2	1.12 V	329	38.2	12.6
3	*5180.00	111.5 PK			1.00 V	352	70.0	41.5
4	*5180.00	101.9 AV			1.00 V	352	60.4	41.5
5	#10360.00	62.3 PK	68.2	-5.9	3.66 V	322	39.8	22.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	114.8 PK			1.00 H	58	73.3	41.5
2	*5200.00	104.8 AV			1.00 H	58	63.3	41.5
3	#10400.00	63.1 PK	68.2	-5.1	2.96 H	235	40.2	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	112.0 PK			1.10 V	359	70.5	41.5
2	*5200.00	102.0 AV			1.10 V	359	60.5	41.5
3	#10400.00	62.9 PK	68.2	-5.3	2.85 V	174	40.0	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	115.4 PK			1.00 H	57	74.2	41.2
2	*5240.00	105.5 AV			1.00 H	57	64.3	41.2
3	5350.00	60.8 PK	74.0	-13.2	1.05 H	62	48.4	12.4
4	5350.00	48.0 AV	54.0	-6.0	1.05 H	62	35.6	12.4
5	#10480.00	63.2 PK	68.2	-5.0	2.99 H	263	40.4	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	112.7 PK			1.14 V	353	71.5	41.2
2	*5240.00	102.7 AV			1.14 V	353	61.5	41.2
3	5350.00	59.9 PK	74.0	-14.1	1.03 V	356	47.5	12.4
4	5350.00	46.9 AV	54.0	-7.1	1.03 V	356	34.5	12.4
5	#10480.00	62.6 PK	68.2	-5.6	3.06 V	326	39.8	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5634.40	62.9 PK	68.2	-5.3	1.00 H	47	50.2	12.7
2	*5745.00	117.7 PK			1.00 H	47	75.2	42.5
3	*5745.00	105.1 AV			1.00 H	47	62.6	42.5
4	#5998.40	64.7 PK	68.2	-3.5	1.00 H	47	50.9	13.8
5	11490.00	64.0 PK	74.0	-10.0	2.52 H	322	39.9	24.1
6	11490.00	51.3 AV	54.0	-2.7	2.52 H	322	27.2	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5628.80	63.2 PK	68.2	-5.0	1.00 V	345	50.5	12.7
2	*5745.00	114.7 PK			1.00 V	345	72.2	42.5
3	*5745.00	102.1 AV			1.00 V	345	59.6	42.5
4	#5989.60	64.6 PK	68.2	-3.6	1.00 V	345	50.8	13.8
5	11490.00	63.9 PK	74.0	-10.1	2.10 V	299	39.8	24.1
6	11490.00	51.0 AV	54.0	-3.0	2.10 V	299	26.9	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5614.40	64.6 PK	68.2	-3.6	1.00 H	47	51.9	12.7
2	*5785.00	117.3 PK			1.00 H	47	74.7	42.6
3	*5785.00	104.2 AV			1.00 H	47	61.6	42.6
4	#5982.40	65.4 PK	68.2	-2.8	1.00 H	47	51.6	13.8
5	11570.00	63.8 PK	74.0	-10.2	2.55 H	247	39.8	24.0
6	11570.00	50.8 AV	54.0	-3.2	2.55 H	247	26.8	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5633.60	64.7 PK	68.2	-3.5	1.00 V	340	52.0	12.7
2	*5785.00	113.3 PK			1.00 V	340	70.7	42.6
3	*5785.00	100.2 AV			1.00 V	340	57.6	42.6
4	#5978.40	65.4 PK	68.2	-2.8	1.00 V	340	51.6	13.8
5	11570.00	63.5 PK	74.0	-10.5	2.85 V	211	39.5	24.0
6	11570.00	50.5 AV	54.0	-3.5	2.85 V	211	26.5	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5638.40	63.7 PK	68.2	-4.5	1.00 H	43	51.0	12.7
2	*5825.00	116.5 PK			1.00 H	43	73.9	42.6
3	*5825.00	103.3 AV			1.00 H	43	60.7	42.6
4	#5987.20	64.7 PK	68.2	-3.5	1.00 H	43	50.9	13.8
5	11650.00	63.7 PK	74.0	-10.3	2.99 H	233	40.1	23.6
6	11650.00	50.5 AV	54.0	-3.5	2.99 H	233	26.9	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5615.20	64.9 PK	68.2	-3.3	1.00 V	341	52.2	12.7
2	*5825.00	113.5 PK			1.00 V	341	70.9	42.6
3	*5825.00	100.3 AV			1.00 V	341	57.7	42.6
4	#5996.00	64.5 PK	68.2	-3.7	1.00 V	341	50.7	13.8
5	11650.00	63.1 PK	74.0	-10.9	2.89 V	296	39.5	23.6
6	11650.00	49.9 AV	54.0	-4.1	2.89 V	296	26.3	23.6

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.

802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.1 PK	74.0	-4.9	1.20 H	56	56.5	12.6
2	5150.00	53.1 AV	54.0	-0.9	1.20 H	56	40.5	12.6
3	*5180.00	113.9 PK			1.19 H	56	72.4	41.5
4	*5180.00	100.9 AV			1.19 H	56	59.4	41.5
5	#10360.00	62.5 PK	68.2	-5.7	3.33 H	263	40.0	22.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.1 PK	74.0	-6.9	1.20 V	352	54.5	12.6
2	5150.00	51.1 AV	54.0	-2.9	1.20 V	352	38.5	12.6
3	*5180.00	111.7 PK			1.11 V	356	70.2	41.5
4	*5180.00	98.7 AV			1.11 V	356	57.2	41.5
5	#10360.00	62.2 PK	68.2	-6.0	1.50 V	152	39.7	22.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.7 PK	74.0	-5.3	1.19 H	59	56.1	12.6
2	5150.00	53.2 AV	54.0	-0.8	1.19 H	59	40.6	12.6
3	*5200.00	117.3 PK			1.20 H	52	75.8	41.5
4	*5200.00	103.8 AV			1.20 H	52	62.3	41.5
5	#10400.00	63.1 PK	68.2	-5.1	3.28 H	52	40.2	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.7 PK	74.0	-7.3	1.56 V	299	54.1	12.6
2	5150.00	51.2 AV	54.0	-2.8	1.56 V	299	38.6	12.6
3	*5200.00	114.3 PK			1.09 V	351	72.8	41.5
4	*5200.00	100.8 AV			1.09 V	351	59.3	41.5
5	#10400.00	62.8 PK	68.2	-5.4	3.54 V	15	39.9	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	117.9 PK			1.19 H	58	76.7	41.2
2	*5240.00	104.6 AV			1.19 H	58	63.4	41.2
3	5350.00	60.5 PK	74.0	-13.5	1.19 H	40	48.1	12.4
4	5350.00	48.2 AV	54.0	-5.8	1.19 H	40	35.8	12.4
5	#10480.00	63.4 PK	68.2	-4.8	2.22 H	232	40.6	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	105.9 PK			1.10 V	353	64.7	41.2
2	*5240.00	102.6 AV			1.10 V	353	61.4	41.2
3	5350.00	59.4 PK	74.0	-14.6	1.05 V	326	47.0	12.4
4	5350.00	47.5 AV	54.0	-6.5	1.05 V	326	35.1	12.4
5	#10480.00	62.7 PK	68.2	-5.5	3.06 V	263	39.9	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5643.20	64.8 PK	68.2	-3.4	1.00 H	48	52.1	12.7
2	*5745.00	114.6 PK			1.00 H	48	72.1	42.5
3	*5745.00	104.4 AV			1.00 H	48	61.9	42.5
4	#5940.00	65.2 PK	68.2	-3.0	1.00 H	48	51.6	13.6
5	11490.00	64.0 PK	74.0	-10.0	1.05 H	233	39.9	24.1
6	11490.00	50.8 AV	54.0	-3.2	1.05 H	233	26.7	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5604.00	63.3 PK	68.2	-4.9	1.01 V	344	50.7	12.6
2	*5745.00	111.6 PK			1.01 V	344	69.1	42.5
3	*5745.00	101.4 AV			1.01 V	344	58.9	42.5
4	#5932.80	65.0 PK	68.2	-3.2	1.01 V	344	51.4	13.6
5	11490.00	63.6 PK	74.0	-10.4	2.68 V	277	39.5	24.1
6	11490.00	50.4 AV	54.0	-3.6	2.68 V	277	26.3	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5605.60	63.4 PK	68.2	-4.8	1.01 H	46	50.8	12.6
2	*5785.00	115.2 PK			1.02 H	46	72.6	42.6
3	*5785.00	104.9 AV			1.02 H	46	62.3	42.6
4	#5958.40	64.2 PK	68.2	-4.0	1.01 H	46	50.6	13.6
5	11570.00	64.2 PK	74.0	-9.8	2.55 H	300	40.2	24.0
6	11570.00	51.0 AV	54.0	-3.0	2.55 H	300	27.0	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5621.60	63.3 PK	68.2	-4.9	1.05 V	345	50.6	12.7
2	*5785.00	111.2 PK			1.05 V	345	68.6	42.6
3	*5785.00	100.9 AV			1.05 V	345	58.3	42.6
4	#5992.80	65.4 PK	68.2	-2.8	1.05 V	345	51.6	13.8
5	11570.00	63.8 PK	74.0	-10.2	2.88 V	288	39.8	24.0
6	11570.00	50.6 AV	54.0	-3.4	2.88 V	288	26.6	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5606.40	63.4 PK	68.2	-4.8	1.00 H	44	50.8	12.6
2	*5825.00	114.0 PK			1.00 H	44	71.4	42.6
3	*5825.00	104.1 AV			1.00 H	44	61.5	42.6
4	#5948.80	64.4 PK	68.2	-3.8	1.00 H	44	50.8	13.6
5	11650.00	63.7 PK	74.0	-10.3	3.00 H	333	40.1	23.6
6	11650.00	50.5 AV	54.0	-3.5	3.00 H	333	26.9	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5631.20	63.4 PK	68.2	-4.8	1.00 V	345	50.7	12.7
2	*5825.00	110.0 PK			1.00 V	345	67.4	42.6
3	*5825.00	100.1 AV			1.00 V	345	57.5	42.6
4	#5997.60	64.6 PK	68.2	-3.6	1.00 V	345	50.8	13.8
5	11650.00	63.1 PK	74.0	-10.9	2.52 V	141	39.5	23.6
6	11650.00	50.1 AV	54.0	-3.9	2.52 V	141	26.5	23.6

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.

802.11ax (HE40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	70.5 PK	74.0	-3.5	1.00 H	52	57.9	12.6
2	5150.00	52.8 AV	54.0	-1.2	1.00 H	52	40.2	12.6
3	*5190.00	109.0 PK			1.00 H	67	67.5	41.5
4	*5190.00	96.7 AV			1.00 H	67	55.2	41.5
5	#10380.00	63.2 PK	68.2	-5.0	2.88 H	255	40.5	22.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.5 PK	74.0	-5.5	1.00 V	355	55.9	12.6
2	5150.00	50.7 AV	54.0	-3.3	1.00 V	355	38.1	12.6
3	*5190.00	107.0 PK			1.05 V	352	65.5	41.5
4	*5190.00	104.7 AV			1.05 V	352	63.2	41.5
5	#10380.00	62.8 PK	68.2	-5.4	3.96 V	21	40.1	22.7

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	65.7 PK	74.0	-8.3	1.00 H	72	53.1	12.6
2	5150.00	52.4 AV	54.0	-1.6	1.00 H	72	39.8	12.6
3	*5230.00	113.7 PK			1.00 H	55	72.4	41.3
4	*5230.00	101.3 AV			1.00 H	55	60.0	41.3
5	5350.00	61.5 PK	74.0	-12.5	1.05 H	62	49.1	12.4
6	5350.00	48.6 AV	54.0	-5.4	1.05 H	62	36.2	12.4
7	#10460.00	63.0 PK	68.2	-5.2	1.12 H	222	40.1	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	64.7 PK	74.0	-9.3	1.00 V	355	52.1	12.6
2	5150.00	50.4 AV	54.0	-3.6	1.00 V	355	37.8	12.6
3	*5230.00	111.7 PK			1.00 V	359	70.4	41.3
4	*5230.00	99.3 AV			1.00 V	359	58.0	41.3
5	5350.00	60.5 PK	74.0	-13.5	1.02 V	352	48.1	12.4
6	5350.00	47.6 AV	54.0	-6.4	1.02 V	352	35.2	12.4
7	#10460.00	62.7 PK	68.2	-5.5	2.22 V	288	39.8	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5647.20	63.6 PK	68.2	-4.6	1.00 H	53	51.0	12.6
2	*5755.00	114.4 PK			1.00 H	53	71.9	42.5
3	*5755.00	101.7 AV			1.00 H	53	59.2	42.5
4	#5982.40	64.0 PK	68.2	-4.2	1.00 H	53	50.2	13.8
5	11510.00	63.9 PK	74.0	-10.1	2.08 H	206	40.0	23.9
6	11510.00	50.7 AV	54.0	-3.3	2.08 H	206	26.8	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5624.00	64.0 PK	68.2	-4.2	1.00 V	344	51.3	12.7
2	*5755.00	109.5 PK			1.00 V	344	67.0	42.5
3	*5755.00	96.6 AV			1.00 V	344	54.1	42.5
4	#5975.20	64.0 PK	68.2	-4.2	1.00 V	344	50.2	13.8
5	11510.00	63.7 PK	74.0	-10.3	2.22 V	222	39.8	23.9
6	11510.00	50.4 AV	54.0	-3.6	2.22 V	222	26.5	23.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5620.80	63.3 PK	68.2	-4.9	1.09 H	47	50.6	12.7
2	*5795.00	114.0 PK			1.09 H	47	71.4	42.6
3	*5795.00	101.0 AV			1.09 H	47	58.4	42.6
4	#5929.60	63.9 PK	68.2	-4.3	1.09 H	47	50.3	13.6
5	11590.00	64.1 PK	74.0	-9.9	2.11 H	205	40.3	23.8
6	11590.00	50.7 AV	54.0	-3.3	2.11 H	205	26.9	23.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5632.80	63.5 PK	68.2	-4.7	1.02 V	344	50.8	12.7
2	*5795.00	110.0 PK			1.02 V	344	67.4	42.6
3	*5795.00	97.0 AV			1.02 V	344	54.4	42.6
4	#5962.40	64.6 PK	68.2	-3.6	1.02 V	344	50.9	13.7
5	11590.00	63.9 PK	74.0	-10.1	2.88 V	277	40.1	23.8
6	11590.00	50.5 AV	54.0	-3.5	2.88 V	277	26.7	23.8

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.

802.11ax (HE80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.1 PK	74.0	-4.9	1.01 H	55	56.5	12.6
2	5150.00	52.5 AV	54.0	-1.5	1.01 H	55	39.9	12.6
3	*5210.00	105.8 PK			1.00 H	58	64.4	41.4
4	*5210.00	93.1 AV			1.00 H	58	51.7	41.4
5	5350.00	60.9 PK	74.0	-13.1	1.08 H	42	48.5	12.4
6	5350.00	47.9 AV	54.0	-6.1	1.08 H	42	35.5	12.4
7	#10420.00	63.3 PK	68.2	-4.9	1.85 H	326	40.5	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.9 PK	74.0	-7.1	1.00 V	352	54.3	12.6
2	5150.00	50.4 AV	54.0	-3.6	1.00 V	352	37.8	12.6
3	*5210.00	101.9 PK			1.00 V	355	60.5	41.4
4	*5210.00	88.6 AV			1.00 V	355	47.2	41.4
5	5350.00	60.6 PK	74.0	-13.4	1.05 V	351	48.2	12.4
6	5350.00	47.8 AV	54.0	-6.2	1.05 V	351	35.4	12.4
7	#10420.00	62.8 PK	68.2	-5.4	2.52 V	288	40.0	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.80	65.2 PK	68.2	-3.0	1.00 H	48	52.6	12.6
2	*5775.00	111.6 PK			1.00 H	48	69.0	42.6
3	*5775.00	99.1 AV			1.00 H	48	56.5	42.6
4	#5929.60	66.8 PK	68.2	-1.4	1.00 H	48	53.2	13.6
5	11550.00	63.7 PK	74.0	-10.3	2.99 H	263	39.8	23.9
6	11550.00	50.4 AV	54.0	-3.6	2.99 H	263	26.5	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5647.20	64.7 PK	68.2	-3.5	1.00 V	345	52.1	12.6
2	*5775.00	105.7 PK			1.00 V	345	63.1	42.6
3	*5775.00	93.2 AV			1.00 V	345	50.6	42.6
4	#5944.80	66.6 PK	68.2	-1.6	1.00 V	345	53.0	13.6
5	11550.00	63.4 PK	74.0	-10.6	2.22 V	266	39.5	23.9
6	11550.00	50.2 AV	54.0	-3.8	2.22 V	266	26.3	23.9

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.

Test Mode E (Internal antenna + Eth8 Radio)

1TX

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5608.80	63.2 PK	68.2	-5.0	1.00 H	318	50.5	12.7
2	*5745.00	114.6 PK			1.00 H	318	72.1	42.5
3	*5745.00	104.4 AV			1.00 H	318	61.9	42.5
4	#5978.40	64.7 PK	68.2	-3.5	1.00 H	318	50.9	13.8
5	11490.00	64.3 PK	74.0	-9.7	2.54 H	187	40.2	24.1
6	11490.00	50.4 AV	54.0	-3.6	2.54 H	187	26.3	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5613.60	62.9 PK	68.2	-5.3	2.96 V	276	50.2	12.7
2	*5745.00	104.6 PK			2.96 V	276	62.1	42.5
3	*5745.00	94.4 AV			2.96 V	276	51.9	42.5
4	#5970.40	63.4 PK	68.2	-4.8	2.96 V	276	49.7	13.7
5	11490.00	63.3 PK	74.0	-10.7	1.87 V	145	39.2	24.1
6	11490.00	49.9 AV	54.0	-4.1	1.87 V	145	25.8	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5622.40	62.7 PK	68.2	-5.5	1.00 H	321	50.0	12.7
2	*5785.00	113.6 PK			1.00 H	321	71.0	42.6
3	*5785.00	103.7 AV			1.00 H	321	61.1	42.6
4	#5977.60	63.8 PK	68.2	-4.4	1.00 H	321	50.0	13.8
5	11570.00	64.5 PK	74.0	-9.5	2.69 H	330	40.5	24.0
6	11570.00	50.7 AV	54.0	-3.3	2.69 H	330	26.7	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5612.80	62.3 PK	68.2	-5.9	2.96 V	319	49.6	12.7
2	*5785.00	104.0 PK			2.96 V	319	61.4	42.6
3	*5785.00	93.8 AV			2.96 V	319	51.2	42.6
4	#5942.40	63.7 PK	68.2	-4.5	2.96 V	319	50.1	13.6
5	11570.00	63.7 PK	74.0	-10.3	2.69 V	185	39.7	24.0
6	11570.00	49.9 AV	54.0	-4.1	2.69 V	185	25.9	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.80	64.2 PK	68.2	-4.0	1.00 H	324	51.5	12.7
2	*5825.00	113.6 PK			1.00 H	324	71.0	42.6
3	*5825.00	103.4 AV			1.00 H	324	60.8	42.6
4	#5964.00	63.9 PK	68.2	-4.3	1.00 H	324	50.2	13.7
5	11650.00	64.0 PK	74.0	-10.0	2.95 H	174	40.4	23.6
6	11650.00	50.4 AV	54.0	-3.6	2.95 H	174	26.8	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5608.80	63.2 PK	68.2	-5.0	3.17 V	15	50.5	12.7
2	*5825.00	109.5 PK			3.17 V	15	66.9	42.6
3	*5825.00	99.2 AV			3.17 V	15	56.6	42.6
4	#5988.80	63.3 PK	68.2	-4.9	3.17 V	15	49.5	13.8
5	11650.00	63.7 PK	74.0	-10.3	1.79 V	194	40.1	23.6
6	11650.00	49.6 AV	54.0	-4.4	1.79 V	194	26.0	23.6

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.

802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5640.80	62.9 PK	68.2	-5.3	1.00 H	319	50.2	12.7
2	*5745.00	116.8 PK			1.00 H	319	74.3	42.5
3	*5745.00	104.1 AV			1.00 H	319	61.6	42.5
4	#5970.40	63.8 PK	68.2	-4.4	1.00 H	319	50.1	13.7
5	11490.00	64.6 PK	74.0	-9.4	1.97 H	254	40.5	24.1
6	11490.00	50.5 AV	54.0	-3.5	1.97 H	254	26.4	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5616.80	63.9 PK	68.2	-4.3	3.17 V	17	51.2	12.7
2	*5745.00	113.0 PK			3.17 V	17	70.5	42.5
3	*5745.00	100.0 AV			3.17 V	17	57.5	42.5
4	#5976.80	63.2 PK	68.2	-5.0	3.17 V	17	49.4	13.8
5	11490.00	63.8 PK	74.0	-10.2	1.63 V	241	39.7	24.1
6	11490.00	49.9 AV	54.0	-4.1	1.63 V	241	25.8	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5621.60	62.6 PK	68.2	-5.6	1.00 H	320	49.9	12.7
2	*5785.00	116.2 PK			1.00 H	320	73.6	42.6
3	*5785.00	103.0 AV			1.00 H	320	60.4	42.6
4	#5976.80	64.1 PK	68.2	-4.1	1.00 H	320	50.3	13.8
5	11570.00	64.8 PK	74.0	-9.2	3.01 H	147	40.8	24.0
6	11570.00	50.7 AV	54.0	-3.3	3.01 H	147	26.7	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5626.40	63.1 PK	68.2	-5.1	3.28 V	19	50.4	12.7
2	*5785.00	113.3 PK			3.28 V	19	70.7	42.6
3	*5785.00	100.1 AV			3.28 V	19	57.5	42.6
4	#5988.00	63.2 PK	68.2	-5.0	3.28 V	19	49.4	13.8
5	11570.00	63.7 PK	74.0	-10.3	1.97 V	241	39.7	24.0
6	11570.00	50.0 AV	54.0	-4.0	1.97 V	241	26.0	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5624.80	63.3 PK	68.2	-4.9	1.00 H	320	50.6	12.7
2	*5825.00	115.9 PK			1.00 H	320	73.3	42.6
3	*5825.00	102.6 AV			1.00 H	320	60.0	42.6
4	#5944.80	64.2 PK	68.2	-4.0	1.00 H	320	50.6	13.6
5	11650.00	63.8 PK	74.0	-10.2	1.64 H	210	40.2	23.6
6	11650.00	49.9 AV	54.0	-4.1	1.64 H	210	26.3	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5632.00	63.8 PK	68.2	-4.4	3.24 V	18	51.1	12.7
2	*5825.00	112.6 PK			3.24 V	18	70.0	42.6
3	*5825.00	99.1 AV			3.24 V	18	56.5	42.6
4	#5945.60	64.4 PK	68.2	-3.8	3.24 V	18	50.8	13.6
5	11650.00	63.3 PK	74.0	-10.7	2.99 V	141	39.7	23.6
6	11650.00	49.4 AV	54.0	-4.6	2.99 V	141	25.8	23.6

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.

802.11ax (HE40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5627.20	64.1 PK	68.2	-4.1	1.00 H	319	51.4	12.7
2	*5755.00	113.8 PK			1.00 H	319	71.3	42.5
3	*5755.00	100.9 AV			1.00 H	319	58.4	42.5
4	#5994.40	64.7 PK	68.2	-3.5	1.00 H	319	50.9	13.8
5	11510.00	64.7 PK	74.0	-9.3	1.95 H	247	40.8	23.9
6	11510.00	50.5 AV	54.0	-3.5	1.95 H	247	26.6	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5610.40	63.2 PK	68.2	-5.0	3.29 V	16	50.5	12.7
2	*5755.00	110.1 PK			3.29 V	16	67.6	42.5
3	*5755.00	96.9 AV			3.29 V	16	54.4	42.5
4	#5986.40	63.9 PK	68.2	-4.3	3.29 V	16	50.1	13.8
5	11510.00	63.5 PK	74.0	-10.5	1.96 V	230	39.6	23.9
6	11510.00	49.7 AV	54.0	-4.3	1.96 V	230	25.8	23.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5628.00	63.4 PK	68.2	-4.8	1.00 H	321	50.7	12.7
2	*5795.00	113.5 PK			1.00 H	321	70.9	42.6
3	*5795.00	100.1 AV			1.00 H	321	57.5	42.6
4	#5961.60	63.6 PK	68.2	-4.6	1.00 H	321	49.9	13.7
5	11590.00	64.3 PK	74.0	-9.7	2.88 H	164	40.5	23.8
6	11590.00	50.5 AV	54.0	-3.5	2.88 H	164	26.7	23.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5620.00	63.5 PK	68.2	-4.7	3.26 V	19	50.8	12.7
2	*5795.00	109.5 PK			3.26 V	19	66.9	42.6
3	*5795.00	96.8 AV			3.26 V	19	54.2	42.6
4	#5936.80	63.7 PK	68.2	-4.5	3.26 V	19	50.1	13.6
5	11590.00	63.0 PK	74.0	-11.0	1.97 V	143	39.2	23.8
6	11590.00	49.7 AV	54.0	-4.3	1.97 V	143	25.9	23.8

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.

802.11ax (HE80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5642.40	66.8 PK	68.2	-1.4	1.00 H	320	54.1	12.7
2	*5775.00	110.4 PK			1.00 H	320	67.8	42.6
3	*5775.00	98.2 AV			1.00 H	320	55.6	42.6
4	#5924.00	65.4 PK	68.9	-3.5	1.00 H	320	51.8	13.6
5	11550.00	64.5 PK	74.0	-9.5	1.97 H	201	40.6	23.9
6	11550.00	50.7 AV	54.0	-3.3	1.97 H	201	26.8	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5632.00	64.4 PK	68.2	-3.8	3.26 V	20	51.7	12.7
2	*5775.00	106.1 PK			3.26 V	20	63.5	42.6
3	*5775.00	93.7 AV			3.26 V	20	51.1	42.6
4	#5928.80	64.1 PK	68.2	-4.1	3.26 V	20	50.5	13.6
5	11550.00	63.8 PK	74.0	-10.2	1.97 V	201	39.9	23.9
6	11550.00	49.7 AV	54.0	-4.3	1.97 V	201	25.8	23.9

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.

2TX

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5641.60	63.5 PK	68.2	-4.7	1.92 H	325	50.8	12.7
2	*5745.00	121.7 PK			1.92 H	325	79.2	42.5
3	*5745.00	111.9 AV			1.92 H	325	69.4	42.5
4	#5975.20	63.1 PK	68.2	-5.1	1.92 H	325	49.3	13.8
5	11490.00	63.6 PK	74.0	-10.4	2.60 H	110	39.5	24.1
6	11490.00	50.7 AV	54.0	-3.3	2.60 H	110	26.6	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5620.80	63.6 PK	68.2	-4.6	3.81 V	20	50.9	12.7
2	*5745.00	117.2 PK			3.81 V	20	74.7	42.5
3	*5745.00	107.1 AV			3.81 V	20	64.6	42.5
4	#5959.20	63.4 PK	68.2	-4.8	3.81 V	20	49.8	13.6
5	11490.00	63.5 PK	74.0	-10.5	1.64 V	251	39.4	24.1
6	11490.00	50.3 AV	54.0	-3.7	1.64 V	251	26.2	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5636.80	66.1 PK	68.2	-2.1	1.96 H	329	53.4	12.7
2	*5785.00	121.6 PK			1.96 H	329	79.0	42.6
3	*5785.00	111.9 AV			1.96 H	329	69.3	42.6
4	#5932.80	66.1 PK	68.2	-2.1	1.96 H	329	52.5	13.6
5	11570.00	64.3 PK	74.0	-9.7	2.64 H	152	40.3	24.0
6	11570.00	50.8 AV	54.0	-3.2	2.64 H	152	26.8	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5620.00	63.5 PK	68.2	-4.7	3.81 V	19	50.8	12.7
2	*5785.00	116.0 PK			3.81 V	19	73.4	42.6
3	*5785.00	106.4 AV			3.81 V	19	63.8	42.6
4	#5983.20	63.8 PK	68.2	-4.4	3.81 V	19	50.0	13.8
5	11570.00	63.6 PK	74.0	-10.4	2.41 V	163	39.6	24.0
6	11570.00	50.0 AV	54.0	-4.0	2.41 V	163	26.0	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5635.20	65.8 PK	68.2	-2.4	2.01 H	327	53.1	12.7
2	*5825.00	121.2 PK			2.01 H	327	78.6	42.6
3	*5825.00	111.3 AV			2.01 H	327	68.7	42.6
4	#5929.60	66.0 PK	68.2	-2.2	2.01 H	327	52.4	13.6
5	11650.00	63.9 PK	74.0	-10.1	2.54 H	114	40.3	23.6
6	11650.00	50.5 AV	54.0	-3.5	2.54 H	114	26.9	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5634.40	63.5 PK	68.2	-4.7	3.81 V	23	50.8	12.7
2	*5825.00	113.8 PK			3.81 V	23	71.2	42.6
3	*5825.00	104.4 AV			3.81 V	23	61.8	42.6
4	#5988.80	63.9 PK	68.2	-4.3	3.81 V	23	50.1	13.8
5	11650.00	63.3 PK	74.0	-10.7	2.84 V	174	39.7	23.6
6	11650.00	49.5 AV	54.0	-4.5	2.84 V	174	25.9	23.6

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.

802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5611.20	66.3 PK	68.2	-1.9	2.06 H	328	53.6	12.7
2	*5745.00	123.1 PK			2.06 H	325	80.6	42.5
3	*5745.00	111.1 AV			2.06 H	325	68.6	42.5
4	#5941.60	66.0 PK	68.2	-2.2	2.06 H	325	52.4	13.6
5	11490.00	64.6 PK	74.0	-9.4	1.62 H	145	40.5	24.1
6	11490.00	50.8 AV	54.0	-3.2	1.62 H	145	26.7	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5619.20	63.9 PK	68.2	-4.3	3.81 V	31	51.2	12.7
2	*5745.00	118.6 PK			3.81 V	31	76.1	42.5
3	*5745.00	104.8 AV			3.81 V	31	62.3	42.5
4	#5972.00	63.5 PK	68.2	-4.7	3.81 V	31	49.8	13.7
5	11490.00	63.3 PK	74.0	-10.7	1.96 V	230	39.2	24.1
6	11490.00	49.9 AV	54.0	-4.1	1.96 V	230	25.8	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5628.00	65.6 PK	68.2	-2.6	2.07 H	322	52.9	12.7
2	*5785.00	123.3 PK			2.07 H	322	80.7	42.6
3	*5785.00	111.4 AV			2.07 H	322	68.8	42.6
4	#5980.80	66.3 PK	68.2	-1.9	2.07 H	322	52.5	13.8
5	11570.00	64.5 PK	74.0	-9.5	2.14 H	163	40.5	24.0
6	11570.00	50.5 AV	54.0	-3.5	2.14 H	163	26.5	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5612.80	63.7 PK	68.2	-4.5	3.80 V	29	51.0	12.7
2	*5785.00	117.7 PK			3.80 V	29	75.1	42.6
3	*5785.00	105.0 AV			3.80 V	29	62.4	42.6
4	#5957.60	63.6 PK	68.2	-4.6	3.80 V	29	50.0	13.6
5	11570.00	63.7 PK	74.0	-10.3	1.97 V	154	39.7	24.0
6	11570.00	50.1 AV	54.0	-3.9	1.97 V	154	26.1	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5612.00	65.4 PK	68.2	-2.8	2.16 H	327	52.7	12.7
2	*5825.00	122.9 PK			2.16 H	327	80.3	42.6
3	*5825.00	110.1 AV			2.16 H	327	67.5	42.6
4	#5974.40	65.9 PK	68.2	-2.3	2.16 H	327	52.2	13.7
5	11650.00	64.1 PK	74.0	-9.9	2.31 H	145	40.5	23.6
6	11650.00	50.2 AV	54.0	-3.8	2.31 H	145	26.6	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5639.20	63.4 PK	68.2	-4.8	3.80 V	26	50.7	12.7
2	*5825.00	116.5 PK			3.80 V	26	73.9	42.6
3	*5825.00	103.1 AV			3.80 V	26	60.5	42.6
4	#5998.40	63.4 PK	68.2	-4.8	3.80 V	26	49.6	13.8
5	11650.00	63.1 PK	74.0	-10.9	1.94 V	231	39.5	23.6
6	11650.00	49.9 AV	54.0	-4.1	1.94 V	231	26.3	23.6

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.

802.11ax (HE40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.40	66.9 PK	68.2	-1.3	2.05 H	326	54.3	12.6
2	*5755.00	121.0 PK			2.05 H	326	78.5	42.5
3	*5755.00	107.9 AV			2.05 H	326	65.4	42.5
4	#5933.60	64.7 PK	68.2	-3.5	2.05 H	326	51.1	13.6
5	11510.00	64.1 PK	74.0	-9.9	2.80 H	169	40.2	23.9
6	11510.00	50.3 AV	54.0	-3.7	2.80 H	169	26.4	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.40	63.9 PK	68.2	-4.3	3.80 V	22	51.3	12.6
2	*5755.00	113.9 PK			3.80 V	22	71.4	42.5
3	*5755.00	102.4 AV			3.80 V	22	59.9	42.5
4	#5941.60	63.6 PK	68.2	-4.6	3.80 V	22	50.0	13.6
5	11510.00	63.5 PK	74.0	-10.5	1.88 V	203	39.6	23.9
6	11510.00	49.9 AV	54.0	-4.1	1.88 V	203	26.0	23.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5621.60	63.7 PK	68.2	-4.5	2.04 H	331	51.0	12.7
2	*5795.00	119.8 PK			2.04 H	331	77.2	42.6
3	*5795.00	108.1 AV			2.04 H	331	65.5	42.6
4	#5983.20	63.9 PK	68.2	-4.3	2.04 H	331	50.1	13.8
5	11590.00	64.2 PK	74.0	-9.8	2.63 H	187	40.4	23.8
6	11590.00	50.3 AV	54.0	-3.7	2.63 H	187	26.5	23.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5635.20	62.7 PK	68.2	-5.5	3.80 V	22	50.0	12.7
2	*5795.00	113.7 PK			3.80 V	22	71.1	42.6
3	*5795.00	101.9 AV			3.80 V	22	59.3	42.6
4	#5990.40	64.2 PK	68.2	-4.0	3.80 V	22	50.4	13.8
5	11590.00	63.3 PK	74.0	-10.7	3.05 V	174	39.5	23.8
6	11590.00	49.8 AV	54.0	-4.2	3.05 V	174	26.0	23.8

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.

802.11ax (HE80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	**#5627.20**	**68.0 PK**	**68.2**	**-0.2**	**1.97 H**	**329**	**55.3**	**12.7**
2	*5775.00	114.6 PK			1.97 H	329	72.0	42.6
3	*5775.00	102.3 AV			1.97 H	329	59.7	42.6
4	#5932.80	66.8 PK	68.2	-1.4	1.97 H	329	53.2	13.6
5	11550.00	64.7 PK	74.0	-9.3	1.54 H	250	40.8	23.9
6	11550.00	50.2 AV	54.0	-3.8	1.54 H	250	26.3	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.40	66.8 PK	68.2	-1.4	3.80 V	24	54.2	12.6
2	*5775.00	110.9 PK			3.80 V	24	68.3	42.6
3	*5775.00	98.3 AV			3.80 V	24	55.7	42.6
4	#5997.60	64.0 PK	68.2	-4.2	3.80 V	24	50.2	13.8
5	11550.00	63.8 PK	74.0	-10.2	2.66 V	185	39.9	23.9
6	11550.00	49.6 AV	54.0	-4.4	2.66 V	185	25.7	23.9

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.

3TX

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5643.20	64.8 PK	68.2	-3.4	2.08 H	325	52.1	12.7
2	*5745.00	123.6 PK			2.08 H	325	80.0	43.6
3	*5745.00	114.2 AV			2.08 H	325	70.6	43.6
4	#5940.80	64.8 PK	68.2	-3.4	2.08 H	325	51.2	13.6
5	11490.00	63.8 PK	74.0	-10.2	2.64 H	115	39.8	24.0
6	11490.00	50.3 AV	54.0	-3.7	2.64 H	115	26.3	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5649.60	65.1 PK	68.2	-3.1	1.61 V	311	52.4	12.7
2	*5745.00	122.8 PK			1.61 V	311	80.3	42.5
3	*5745.00	113.6 AV			1.61 V	311	71.1	42.5
4	#5979.20	64.3 PK	68.2	-3.9	1.61 V	311	50.6	13.7
5	11490.00	64.2 PK	74.0	-9.8	2.41 V	163	40.1	24.1
6	11490.00	50.7 AV	54.0	-3.3	2.41 V	163	26.6	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5628.00	64.4 PK	68.2	-3.8	2.10 H	332	51.7	12.7
2	*5785.00	122.8 PK			2.10 H	332	80.2	42.6
3	*5785.00	112.6 AV			2.10 H	332	70.0	42.6
4	#5997.60	64.2 PK	68.2	-4.0	2.10 H	332	50.4	13.8
5	11570.00	63.8 PK	74.0	-10.2	1.97 H	142	39.8	24.0
6	11570.00	50.0 AV	54.0	-4.0	1.97 H	142	26.0	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5607.20	64.0 PK	68.2	-4.2	1.61 V	315	51.3	12.7
2	*5785.00	122.3 PK			1.61 V	315	79.7	42.6
3	*5785.00	113.0 AV			1.61 V	315	70.4	42.6
4	#5984.80	64.4 PK	68.2	-3.8	1.61 V	315	50.6	13.8
5	11570.00	64.3 PK	74.0	-9.7	2.74 V	189	40.3	24.0
6	11570.00	50.4 AV	54.0	-3.6	2.74 V	189	26.4	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5615.20	64.9 PK	68.2	-3.3	2.08 H	326	52.2	12.7
2	*5825.00	121.1 PK			2.08 H	326	78.5	42.6
3	*5825.00	111.6 AV			2.08 H	326	69.0	42.6
4	#5987.20	65.2 PK	68.2	-3.0	2.08 H	326	51.4	13.8
5	11650.00	63.3 PK	74.0	-10.7	2.99 H	254	39.7	23.6
6	11650.00	49.9 AV	54.0	-4.1	2.99 H	254	26.3	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5610.40	64.2 PK	68.2	-4.0	1.61 V	316	51.5	12.7
2	*5825.00	122.6 PK			1.61 V	316	80.0	42.6
3	*5825.00	112.9 AV			1.61 V	316	70.3	42.6
4	#5977.60	65.0 PK	68.2	-3.2	1.61 V	316	51.2	13.8
5	11650.00	63.7 PK	74.0	-10.3	2.87 V	194	40.1	23.6
6	11650.00	49.9 AV	54.0	-4.1	2.87 V	194	26.3	23.6

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.

802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5621.60	65.1 PK	68.2	-3.1	2.14 H	320	52.4	12.7
2	*5745.00	124.2 PK			2.14 H	320	81.7	42.5
3	*5745.00	112.9 AV			2.14 H	320	70.4	42.5
4	#5936.00	64.3 PK	68.2	-3.9	2.14 H	320	50.7	13.6
5	11490.00	63.8 PK	74.0	-10.2	2.25 H	187	39.7	24.1
6	11490.00	49.9 AV	54.0	-4.1	2.25 H	187	25.8	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5621.60	63.7 PK	68.2	-4.5	1.31 V	326	51.0	12.7
2	*5745.00	125.3 PK			1.31 V	326	82.8	42.5
3	*5745.00	112.1 AV			1.31 V	326	69.6	42.5
4	#5945.60	65.0 PK	68.2	-3.2	1.31 V	326	51.4	13.6
5	11490.00	64.2 PK	74.0	-9.8	2.47 V	185	40.1	24.1
6	11490.00	50.2 AV	54.0	-3.8	2.47 V	185	26.1	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.80	64.0 PK	68.2	-4.2	2.14 H	322	51.4	12.6
2	*5785.00	124.4 PK			2.14 H	322	81.8	42.6
3	*5785.00	112.9 AV			2.14 H	322	70.3	42.6
4	#5935.20	64.6 PK	68.2	-3.6	2.14 H	322	51.0	13.6
5	11570.00	63.9 PK	74.0	-10.1	2.63 H	222	39.9	24.0
6	11570.00	50.5 AV	54.0	-3.5	2.63 H	222	26.5	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5615.20	64.0 PK	68.2	-4.2	1.22 V	320	51.3	12.7
2	*5785.00	124.4 PK			1.22 V	320	81.8	42.6
3	*5785.00	112.2 AV			1.22 V	320	69.6	42.6
4	#5974.40	64.6 PK	68.2	-3.6	1.22 V	320	50.9	13.7
5	11570.00	64.2 PK	74.0	-9.8	1.97 V	204	40.2	24.0
6	11570.00	50.4 AV	54.0	-3.6	1.97 V	204	26.4	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5620.00	64.1 PK	68.2	-4.1	2.10 H	317	51.4	12.7
2	*5825.00	124.1 PK			2.10 H	317	81.5	42.6
3	*5825.00	111.8 AV			2.10 H	317	69.2	42.6
4	#5932.00	65.1 PK	68.2	-3.1	2.10 H	317	51.5	13.6
5	11650.00	63.5 PK	74.0	-10.5	1.97 H	241	39.9	23.6
6	11650.00	49.8 AV	54.0	-4.2	1.97 H	241	26.2	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5608.80	63.8 PK	68.2	-4.4	1.18 V	321	51.1	12.7
2	*5825.00	124.4 PK			1.18 V	321	81.8	42.6
3	*5825.00	111.7 AV			1.18 V	321	69.1	42.6
4	#5977.60	64.1 PK	68.2	-4.1	1.18 V	321	50.3	13.8
5	11650.00	63.8 PK	74.0	-10.2	1.97 V	225	40.2	23.6
6	11650.00	50.0 AV	54.0	-4.0	1.97 V	225	26.4	23.6

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.

802.11ax (HE40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.80	67.1 PK	68.2	-1.1	2.23 H	323	54.5	12.6
2	*5755.00	122.7 PK			2.23 H	323	80.2	42.5
3	*5755.00	110.3 AV			2.23 H	323	67.8	42.5
4	#5926.40	63.9 PK	68.2	-4.3	2.23 H	323	50.3	13.6
5	11510.00	63.5 PK	74.0	-10.5	1.90 H	247	39.6	23.9
6	11510.00	49.9 AV	54.0	-4.1	1.90 H	247	26.0	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.00	65.7 PK	68.2	-2.5	1.20 V	317	53.1	12.6
2	*5755.00	120.8 PK			1.20 V	317	78.3	42.5
3	*5755.00	109.4 AV			1.20 V	317	66.9	42.5
4	#5966.40	63.8 PK	68.2	-4.4	1.20 V	317	50.1	13.7
5	11510.00	64.0 PK	74.0	-10.0	2.55 V	174	40.1	23.9
6	11510.00	50.2 AV	54.0	-3.8	2.55 V	174	26.3	23.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5604.00	65.0 PK	68.2	-3.2	2.21 H	321	52.4	12.6
2	*5795.00	122.3 PK			2.21 H	321	79.7	42.6
3	*5795.00	109.8 AV			2.21 H	321	67.2	42.6
4	#5927.20	65.9 PK	68.2	-2.3	2.21 H	321	52.3	13.6
5	11590.00	64.5 PK	74.0	-9.5	2.01 H	103	40.7	23.8
6	11590.00	50.4 AV	54.0	-3.6	2.01 H	103	26.6	23.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5607.20	64.5 PK	68.2	-3.7	1.21 V	319	51.8	12.7
2	*5795.00	120.9 PK			1.21 V	319	78.3	42.6
3	*5795.00	109.0 AV			1.21 V	319	66.4	42.6
4	#5954.40	65.3 PK	68.2	-2.9	1.21 V	319	51.7	13.6
5	11590.00	64.4 PK	74.0	-9.6	2.87 V	198	40.6	23.8
6	11590.00	50.2 AV	54.0	-3.8	2.87 V	198	26.4	23.8

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.

802.11ax (HE80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5641.60	65.9 PK	68.2	-2.3	2.20 H	326	53.2	12.7
2	*5775.00	114.7 PK			2.20 H	326	72.1	42.6
3	*5775.00	102.2 AV			2.20 H	326	59.6	42.6
4	#5988.00	64.8 PK	68.2	-3.4	2.20 H	326	51.0	13.8
5	11550.00	64.1 PK	74.0	-9.9	2.69 H	155	40.2	23.9
6	11550.00	50.2 AV	54.0	-3.8	2.69 H	155	26.3	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5633.60	64.3 PK	68.2	-3.9	1.25 V	321	51.6	12.7
2	*5775.00	114.5 PK			1.25 V	321	71.9	42.6
3	*5775.00	101.8 AV			1.25 V	321	59.2	42.6
4	#5927.20	63.5 PK	68.2	-4.7	1.25 V	321	49.9	13.6
5	11550.00	64.5 PK	74.0	-9.5	1.97 V	220	40.6	23.9
6	11550.00	50.7 AV	54.0	-3.3	1.97 V	220	26.8	23.9

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.

Test Mode G (External antenna – PN: ATS-OO-245-46-4RPSP-36 + Eth6 Radio)

1TX

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	72.5 PK	74.0	-1.5	1.63 H	308	68.1	4.4
2	5150.00	52.8 AV	54.0	-1.2	1.63 H	308	48.4	4.4
3	*5180.00	109.4 PK			2.39 H	279	69.9	39.5
4	*5180.00	99.2 AV			2.39 H	279	59.7	39.5
5	#10360.00	57.0 PK	68.2	-11.2	1.94 H	233	41.0	16.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.6 PK	74.0	-5.4	3.85 V	346	64.2	4.4
2	5150.00	50.1 AV	54.0	-3.9	3.85 V	346	45.7	4.4
3	*5180.00	107.8 PK			3.82 V	345	68.3	39.5
4	*5180.00	97.4 AV			3.82 V	345	57.9	39.5
5	#10360.00	57.7 PK	68.2	-10.5	1.37 V	149	41.7	16.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.4 PK	74.0	-7.6	1.86 H	286	62.0	4.4
2	5150.00	51.2 AV	54.0	-2.8	1.86 H	286	46.8	4.4
3	*5200.00	111.6 PK			2.38 H	279	72.1	39.5
4	*5200.00	101.5 AV			2.38 H	279	62.0	39.5
5	#10400.00	58.0 PK	68.2	-10.2	2.02 H	216	41.8	16.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	64.7 PK	74.0	-9.3	3.85 V	334	60.3	4.4
2	5150.00	48.4 AV	54.0	-5.6	3.85 V	334	44.0	4.4
3	*5200.00	109.5 PK			3.42 V	330	70.0	39.5
4	*5200.00	99.0 AV			3.42 V	330	59.5	39.5
5	#10400.00	57.6 PK	68.2	-10.6	1.82 V	163	41.4	16.2

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	111.4 PK			1.80 H	297	72.1	39.3
2	*5240.00	101.1 AV			1.80 H	297	61.8	39.3
3	5350.00	56.5 PK	74.0	-17.5	1.92 H	281	52.2	4.3
4	5350.00	43.3 AV	54.0	-10.7	1.92 H	281	39.0	4.3
5	#10480.00	58.6 PK	68.2	-9.6	2.46 H	253	41.6	17.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	108.7 PK			3.95 V	11	69.4	39.3
2	*5240.00	98.7 AV			3.95 V	11	59.4	39.3
3	5350.00	56.5 PK	74.0	-17.5	3.87 V	355	52.2	4.3
4	5350.00	43.8 AV	54.0	-10.2	3.87 V	355	39.5	4.3
5	#10480.00	58.3 PK	68.2	-9.9	1.64 V	113	41.3	17.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5629.49	54.4 PK	68.2	-13.8	1.92 H	32	49.9	4.5
2	*5745.00	109.4 PK			1.92 H	32	69.3	40.1
3	*5745.00	99.3 AV			1.92 H	32	59.2	40.1
4	#5935.26	56.9 PK	68.2	-11.3	1.92 H	32	51.6	5.3
5	11490.00	59.8 PK	74.0	-14.2	2.39 H	264	41.8	18.0
6	11490.00	46.9 AV	54.0	-7.1	2.39 H	264	28.9	18.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5602.56	54.8 PK	68.2	-13.4	3.72 V	344	50.2	4.6
2	*5745.00	109.3 PK			3.72 V	344	69.2	40.1
3	*5745.00	99.0 AV			3.72 V	344	58.9	40.1
4	#5976.92	56.6 PK	68.2	-11.6	3.72 V	344	51.2	5.4
5	11490.00	62.2 PK	74.0	-11.8	1.59 V	109	44.2	18.0
6	11490.00	48.3 AV	54.0	-5.7	1.59 V	109	30.3	18.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5615.38	54.9 PK	68.2	-13.3	1.92 H	28	50.3	4.6
2	*5785.00	109.7 PK			1.92 H	28	69.4	40.3
3	*5785.00	99.5 AV			1.92 H	28	59.2	40.3
4	#5937.82	57.2 PK	68.2	-11.0	1.92 H	28	51.9	5.3
5	11570.00	60.4 PK	74.0	-13.6	2.48 H	53	42.7	17.7
6	11570.00	46.2 AV	54.0	-7.8	2.48 H	53	28.5	17.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5616.03	54.3 PK	68.2	-13.9	3.35 V	353	49.7	4.6
2	*5785.00	110.1 PK			3.35 V	353	69.8	40.3
3	*5785.00	99.9 AV			3.35 V	353	59.6	40.3
4	#5946.79	57.3 PK	68.2	-10.9	3.35 V	353	52.0	5.3
5	11570.00	61.3 PK	74.0	-12.7	1.36 V	115	43.6	17.7
6	11570.00	47.6 AV	54.0	-6.4	1.36 V	115	29.9	17.7

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5617.95	55.4 PK	68.2	-12.8	1.71 H	32	50.8	4.6
2	*5825.00	110.9 PK			1.71 H	32	70.5	40.4
3	*5825.00	100.8 AV			1.71 H	32	60.4	40.4
4	#5993.59	59.4 PK	68.2	-8.8	1.71 H	32	54.0	5.4
5	11650.00	59.0 PK	74.0	-15.0	2.36 H	176	41.5	17.5
6	11650.00	47.1 AV	54.0	-6.9	2.36 H	176	29.6	17.5
7	#17475.00	65.0 PK	68.2	-3.2	1.56 H	43	41.3	23.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5614.10	55.9 PK	68.2	-12.3	3.43 V	347	51.3	4.6
2	*5825.00	111.4 PK			3.43 V	347	71.0	40.4
3	*5825.00	101.2 AV			3.43 V	347	60.8	40.4
4	#5982.05	56.9 PK	68.2	-11.3	3.43 V	347	51.5	5.4
5	11650.00	62.3 PK	74.0	-11.7	3.01 V	110	44.8	17.5
6	11650.00	48.7 AV	54.0	-5.3	3.01 V	110	31.2	17.5
7	#17475.00	67.2 PK	68.2	-1.0	3.57 V	353	43.5	23.7

Remarks:

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

802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.5 PK	74.0	-4.5	2.54 H	281	65.1	4.4
2	5150.00	53.0 AV	54.0	-1.0	2.54 H	281	48.6	4.4
3	*5180.00	110.9 PK			2.52 H	278	71.4	39.5
4	*5180.00	97.4 AV			2.52 H	278	57.9	39.5
5	#10360.00	57.4 PK	68.2	-10.8	2.36 H	233	41.4	16.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	65.0 PK	74.0	-9.0	3.98 V	317	60.6	4.4
2	5150.00	49.1 AV	54.0	-4.9	3.98 V	317	44.7	4.4
3	*5180.00	109.0 PK			3.42 V	333	69.5	39.5
4	*5180.00	95.4 AV			3.42 V	333	55.9	39.5
5	#10360.00	56.5 PK	68.2	-11.7	1.92 V	155	40.5	16.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.9 PK	74.0	-5.1	2.53 H	279	64.5	4.4
2	5150.00	52.6 AV	54.0	-1.4	2.53 H	279	48.2	4.4
3	*5200.00	113.3 PK			2.38 H	276	73.8	39.5
4	*5200.00	99.9 AV			2.38 H	276	60.4	39.5
5	#10400.00	58.0 PK	68.2	-10.2	2.36 H	211	41.8	16.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	64.7 PK	74.0	-9.3	3.99 V	318	60.3	4.4
2	5150.00	48.8 AV	54.0	-5.2	3.99 V	318	44.4	4.4
3	*5200.00	112.3 PK			4.00 V	346	72.8	39.5
4	*5200.00	98.8 AV			4.00 V	346	59.3	39.5
5	#10400.00	58.0 PK	68.2	-10.2	1.72 V	134	41.8	16.2

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	113.9 PK			1.95 H	297	74.6	39.3
2	*5240.00	100.5 AV			1.95 H	297	61.2	39.3
3	5350.00	55.8 PK	74.0	-18.2	2.03 H	284	51.5	4.3
4	5350.00	43.1 AV	54.0	-10.9	2.03 H	284	38.8	4.3
5	#10480.00	58.9 PK	68.2	-9.3	2.36 H	249	41.9	17.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	110.6 PK			3.17 V	328	71.3	39.3
2	*5240.00	97.7 AV			3.17 V	328	58.4	39.3
3	5350.00	56.6 PK	74.0	-17.4	3.02 V	343	52.3	4.3
4	5350.00	44.5 AV	54.0	-9.5	3.02 V	343	40.2	4.3
5	#10480.00	59.3 PK	68.2	-8.9	1.54 V	179	42.3	17.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5652.56	54.0 PK	70.1	-16.1	1.91 H	29	49.5	4.5
2	*5745.00	112.0 PK			1.91 H	29	71.9	40.1
3	*5745.00	98.5 AV			1.91 H	29	58.4	40.1
4	#5971.15	56.2 PK	68.2	-12.0	1.91 H	29	50.9	5.3
5	11490.00	59.8 PK	74.0	-14.2	2.58 H	173	41.8	18.0
6	11490.00	46.3 AV	54.0	-7.7	2.58 H	173	28.3	18.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5616.03	54.4 PK	68.2	-13.8	3.85 V	356	49.8	4.6
2	*5745.00	112.1 PK			3.85 V	356	72.0	40.1
3	*5745.00	98.6 AV			3.85 V	356	58.5	40.1
4	#5964.10	56.2 PK	68.2	-12.0	3.85 V	356	50.9	5.3
5	11490.00	61.0 PK	74.0	-13.0	3.25 V	115	43.0	18.0
6	11490.00	47.9 AV	54.0	-6.1	3.25 V	115	29.9	18.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5621.15	54.3 PK	68.2	-13.9	1.67 H	28	49.7	4.6
2	*5785.00	112.3 PK			1.67 H	28	72.0	40.3
3	*5785.00	99.1 AV			1.67 H	28	58.8	40.3
4	#5958.97	56.7 PK	68.2	-11.5	1.67 H	28	51.4	5.3
5	11570.00	59.0 PK	74.0	-15.0	3.18 H	246	41.3	17.7
6	11570.00	46.2 AV	54.0	-7.8	3.18 H	246	28.5	17.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5621.15	54.1 PK	68.2	-14.1	3.47 V	347	49.5	4.6
2	*5785.00	112.5 PK			3.47 V	347	72.2	40.3
3	*5785.00	99.4 AV			3.47 V	347	59.1	40.3
4	#5976.92	57.7 PK	68.2	-10.5	3.47 V	347	52.3	5.4
5	11570.00	60.9 PK	74.0	-13.1	2.65 V	12	43.2	17.7
6	11570.00	46.8 AV	54.0	-7.2	2.65 V	12	29.1	17.7

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5620.51	55.2 PK	68.2	-13.0	1.85 H	35	50.6	4.6
2	*5825.00	113.3 PK			1.85 H	35	72.9	40.4
3	*5825.00	100.0 AV			1.85 H	35	59.6	40.4
4	#5938.46	56.4 PK	68.2	-11.8	1.85 H	35	51.1	5.3
5	11650.00	60.3 PK	74.0	-13.7	2.53 H	219	42.8	17.5
6	11650.00	46.8 AV	54.0	-7.2	2.53 H	219	29.3	17.5
7	#17475.00	65.8 PK	68.2	-2.4	1.96 H	43	42.1	23.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5605.13	54.6 PK	68.2	-13.6	3.42 V	346	50.0	4.6
2	*5825.00	113.3 PK			3.42 V	346	72.9	40.4
3	*5825.00	100.0 AV			3.42 V	346	59.6	40.4
4	#5969.23	57.0 PK	68.2	-11.2	3.42 V	346	51.7	5.3
5	11650.00	61.2 PK	74.0	-12.8	3.44 V	114	43.7	17.5
6	11650.00	47.4 AV	54.0	-6.6	3.44 V	114	29.9	17.5
7	#17475.00	67.0 PK	68.2	-1.2	3.56 V	352	43.3	23.7

Remarks:

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

802.11ax (HE40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	72.1 PK	74.0	-1.9	2.54 H	281	67.7	4.4
2	5150.00	53.0 AV	54.0	-1.0	2.54 H	281	48.6	4.4
3	*5190.00	105.6 PK			2.52 H	277	66.1	39.5
4	*5190.00	92.9 AV			2.52 H	277	53.4	39.5
5	#10380.00	57.7 PK	68.2	-10.5	2.46 H	253	41.5	16.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	65.8 PK	74.0	-8.2	3.87 V	318	61.4	4.4
2	5150.00	48.4 AV	54.0	-5.6	3.87 V	318	44.0	4.4
3	*5190.00	104.9 PK			3.99 V	334	65.4	39.5
4	*5190.00	91.6 AV			3.99 V	334	52.1	39.5
5	#10380.00	57.9 PK	68.2	-10.3	1.42 V	183	41.7	16.2

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.2 PK	74.0	-6.8	2.54 H	281	62.8	4.4
2	5150.00	53.1 AV	54.0	-0.9	2.54 H	281	48.7	4.4
3	*5230.00	109.6 PK			2.01 H	283	70.3	39.3
4	*5230.00	97.3 AV			2.01 H	283	58.0	39.3
5	5350.00	59.1 PK	74.0	-14.9	1.94 H	279	54.8	4.3
6	5350.00	46.1 AV	54.0	-7.9	1.94 H	279	41.8	4.3
7	#10460.00	57.9 PK	68.2	-10.3	2.83 H	196	41.1	16.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	62.9 PK	74.0	-11.1	3.51 V	342	58.5	4.4
2	5150.00	50.0 AV	54.0	-4.0	3.51 V	342	45.6	4.4
3	*5230.00	107.4 PK			3.36 V	331	68.1	39.3
4	*5230.00	94.7 AV			3.36 V	331	55.4	39.3
5	5350.00	58.6 PK	74.0	-15.4	3.79 V	313	54.3	4.3
6	5350.00	45.1 AV	54.0	-8.9	3.79 V	313	40.8	4.3
7	#10460.00	58.0 PK	68.2	-10.2	1.79 V	154	41.2	16.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.87	60.5 PK	68.2	-7.7	1.51 H	295	56.0	4.5
2	#5650.00	62.4 PK	68.2	-5.8	1.78 H	296	57.9	4.5
3	*5755.00	109.7 PK			1.51 H	295	69.6	40.1
4	*5755.00	97.0 AV			1.51 H	295	56.9	40.1
5	#5972.44	57.2 PK	68.2	-11.0	1.51 H	295	51.8	5.4
6	11510.00	60.6 PK	74.0	-13.4	1.57 H	182	42.5	18.1
7	11510.00	46.3 AV	54.0	-7.7	1.57 H	182	28.2	18.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.72	57.1 PK	68.2	-11.1	3.50 V	357	52.6	4.5
2	#5650.00	59.8 PK	68.2	-8.4	3.57 V	341	55.3	4.5
3	*5755.00	109.0 PK			3.50 V	357	68.9	40.1
4	*5755.00	96.3 AV			3.50 V	357	56.2	40.1
5	#5984.62	56.3 PK	68.2	-11.9	3.50 V	357	50.9	5.4
6	11510.00	60.4 PK	74.0	-13.6	2.41 V	173	42.3	18.1
7	11510.00	46.7 AV	54.0	-7.3	2.41 V	173	28.6	18.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5647.44	55.0 PK	68.2	-13.2	1.51 H	28	50.5	4.5
2	*5795.00	110.8 PK			1.51 H	28	70.4	40.4
3	*5795.00	97.9 AV			1.51 H	28	57.5	40.4
4	#5925.00	63.8 PK	68.2	-4.4	1.52 H	34	58.5	5.3
5	#5928.85	60.6 PK	68.2	-7.6	1.51 H	28	55.3	5.3
6	11590.00	60.1 PK	74.0	-13.9	2.89 H	264	42.5	17.6
7	11590.00	46.3 AV	54.0	-7.7	2.89 H	264	28.7	17.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5637.82	55.1 PK	68.2	-13.1	3.45 V	346	50.6	4.5
2	*5795.00	110.4 PK			3.45 V	346	70.0	40.4
3	*5795.00	97.9 AV			3.45 V	346	57.5	40.4
4	#5925.00	61.3 PK	68.2	-6.9	3.18 V	324	56.0	5.3
5	#5926.92	60.3 PK	68.2	-7.9	3.45 V	346	55.0	5.3
6	11590.00	60.5 PK	74.0	-13.5	2.84 V	192	42.9	17.6
7	11590.00	46.2 AV	54.0	-7.8	2.84 V	192	28.6	17.6

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.

802.11ax (HE80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.9 PK	74.0	-5.1	2.43 H	282	64.5	4.4
2	5150.00	53.0 AV	54.0	-1.0	2.43 H	282	48.6	4.4
3	*5210.00	102.2 PK			2.36 H	279	62.8	39.4
4	*5210.00	89.8 AV			2.36 H	279	50.4	39.4
5	5350.00	57.8 PK	74.0	-16.2	2.18 H	296	53.5	4.3
6	5350.00	44.5 AV	54.0	-9.5	2.18 H	296	40.2	4.3
7	#10420.00	57.3 PK	68.2	-10.9	2.86 H	215	40.8	16.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	65.2 PK	74.0	-8.8	3.66 V	346	60.8	4.4
2	5150.00	47.4 AV	54.0	-6.6	3.66 V	346	43.0	4.4
3	*5210.00	100.0 PK			4.00 V	346	60.6	39.4
4	*5210.00	87.9 AV			4.00 V	346	48.5	39.4
5	5350.00	56.9 PK	74.0	-17.1	3.14 V	358	52.6	4.3
6	5350.00	44.6 AV	54.0	-9.4	3.14 V	358	40.3	4.3
7	#10420.00	58.4 PK	68.2	-9.8	1.14 V	153	41.9	16.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5619.87	63.1 PK	68.2	-5.1	1.89 H	33	58.5	4.6
2	#5650.00	66.3 PK	68.2	-1.9	1.99 H	29	61.8	4.5
3	*5775.00	106.9 PK			1.89 H	30	66.6	40.3
4	*5775.00	94.4 AV			1.89 H	30	54.1	40.3
5	#5925.00	67.3 PK	68.2	-0.9	1.63 H	32	62.0	5.3
6	#5927.56	64.1 PK	68.2	-4.1	1.89 H	33	58.8	5.3
7	11550.00	60.4 PK	74.0	-13.6	2.38 H	264	42.5	17.9
8	11550.00	46.6 AV	54.0	-7.4	2.38 H	264	28.7	17.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5641.03	60.6 PK	68.2	-7.6	4.00 V	358	56.1	4.5
2	#5650.00	65.4 PK	68.2	-2.8	3.96 V	350	60.9	4.5
3	*5775.00	105.8 PK			4.00 V	358	65.5	40.3
4	*5775.00	93.6 AV			4.00 V	358	53.3	40.3
5	#5925.00	67.1 PK	68.2	-1.1	3.18 V	352	61.8	5.3
6	#5932.05	65.2 PK	68.2	-3.0	4.00 V	358	59.9	5.3
7	11550.00	60.2 PK	74.0	-13.8	2.64 V	218	42.3	17.9
8	11550.00	46.1 AV	54.0	-7.9	2.64 V	218	28.2	17.9

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.

2TX

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.9 PK	74.0	-4.1	1.91 H	284	65.5	4.4
2	5150.00	52.6 AV	54.0	-1.4	1.91 H	284	48.2	4.4
3	*5180.00	111.2 PK			1.92 H	297	71.7	39.5
4	*5180.00	101.4 AV			1.92 H	297	61.9	39.5
5	#10360.00	57.6 PK	68.2	-10.6	1.96 H	183	41.6	16.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.9 PK	74.0	-4.1	3.81 V	336	65.5	4.4
2	5150.00	50.2 AV	54.0	-3.8	3.81 V	336	45.8	4.4
3	*5180.00	110.7 PK			3.58 V	339	71.2	39.5
4	*5180.00	101.4 AV			3.58 V	339	61.9	39.5
5	#10360.00	58.2 PK	68.2	-10.0	2.59 V	267	42.2	16.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	114.1 PK			1.82 H	298	74.6	39.5
2	*5200.00	104.2 AV			1.82 H	298	64.7	39.5
3	#10400.00	57.5 PK	68.2	-10.7	1.88 H	167	41.3	16.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	114.3 PK			3.57 V	348	74.8	39.5
2	*5200.00	104.5 AV			3.57 V	348	65.0	39.5
3	#10400.00	58.6 PK	68.2	-9.6	2.48 V	269	42.4	16.2

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	114.6 PK			2.22 H	290	75.3	39.3
2	*5240.00	104.7 AV			2.22 H	290	65.4	39.3
3	5350.00	56.6 PK	74.0	-17.4	2.05 H	273	52.3	4.3
4	5350.00	43.9 AV	54.0	-10.1	2.05 H	273	39.6	4.3
5	#10480.00	58.5 PK	68.2	-9.7	1.74 H	138	41.5	17.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	112.4 PK			3.79 V	307	73.1	39.3
2	*5240.00	102.6 AV			3.79 V	307	63.3	39.3
3	5350.00	56.9 PK	74.0	-17.1	3.64 V	323	52.6	4.3
4	5350.00	43.5 AV	54.0	-10.5	3.64 V	323	39.2	4.3
5	#10480.00	58.9 PK	68.2	-9.3	2.53 V	199	41.9	17.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5614.74	56.1 PK	68.2	-12.1	1.76 H	30	51.5	4.6
2	*5745.00	114.6 PK			1.76 H	30	74.5	40.1
3	*5745.00	104.1 AV			1.76 H	30	64.0	40.1
4	#5985.90	57.9 PK	68.2	-10.3	1.76 H	30	52.5	5.4
5	11490.00	60.5 PK	74.0	-13.5	2.39 H	214	42.5	18.0
6	11490.00	47.2 AV	54.0	-6.8	2.39 H	214	29.2	18.0
7	#17235.00	62.1 PK	68.2	-6.1	1.79 H	182	40.8	21.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5620.51	54.7 PK	68.2	-13.5	3.39 V	347	50.1	4.6
2	*5745.00	114.7 PK			3.39 V	347	74.6	40.1
3	*5745.00	104.1 AV			3.39 V	347	64.0	40.1
4	#5950.64	58.0 PK	68.2	-10.2	3.39 V	347	52.7	5.3
5	11490.00	62.2 PK	74.0	-11.8	1.49 V	108	44.2	18.0
6	11490.00	48.5 AV	54.0	-5.5	1.49 V	108	30.5	18.0
7	#17235.00	62.5 PK	68.2	-5.7	2.06 V	52	41.2	21.3

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5626.92	55.2 PK	68.2	-13.0	1.43 H	24	50.7	4.5
2	*5785.00	114.9 PK			1.43 H	24	74.6	40.3
3	*5785.00	104.7 AV			1.43 H	24	64.4	40.3
4	#5984.62	58.6 PK	68.2	-9.6	1.43 H	24	53.2	5.4
5	11570.00	59.0 PK	74.0	-15.0	2.15 H	241	41.3	17.7
6	11570.00	46.6 AV	54.0	-7.4	2.15 H	241	28.9	17.7
7	#17355.00	63.3 PK	68.2	-4.9	2.08 H	199	41.1	22.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5637.82	54.2 PK	68.2	-14.0	3.34 V	354	49.7	4.5
2	*5785.00	114.9 PK			3.34 V	354	74.6	40.3
3	*5785.00	104.4 AV			3.34 V	354	64.1	40.3
4	#5937.18	56.4 PK	68.2	-11.8	3.34 V	354	51.1	5.3
5	11570.00	61.3 PK	74.0	-12.7	3.37 V	322	43.6	17.7
6	11570.00	48.4 AV	54.0	-5.6	3.37 V	322	30.7	17.7
7	#17355.00	64.2 PK	68.2	-4.0	3.39 V	354	42.0	22.2

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5616.03	55.2 PK	68.2	-13.0	1.60 H	25	50.6	4.6
2	*5825.00	115.8 PK			1.60 H	25	75.4	40.4
3	*5825.00	105.4 AV			1.60 H	25	65.0	40.4
4	#5926.92	58.0 PK	68.2	-10.2	1.60 H	25	52.7	5.3
5	11650.00	60.5 PK	74.0	-13.5	1.43 H	105	43.0	17.5
6	11650.00	47.7 AV	54.0	-6.3	1.43 H	105	30.2	17.5
7	#17475.00	65.0 PK	68.2	-3.2	2.14 H	175	41.3	23.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5601.28	54.6 PK	68.2	-13.6	3.44 V	354	50.0	4.6
2	*5825.00	115.5 PK			3.44 V	354	75.1	40.4
3	*5825.00	105.2 AV			3.44 V	354	64.8	40.4
4	#5931.41	57.5 PK	68.2	-10.7	3.44 V	354	52.2	5.3
5	11650.00	63.0 PK	74.0	-11.0	3.29 V	118	45.5	17.5
6	11650.00	49.9 AV	54.0	-4.1	3.29 V	118	32.4	17.5
7	#17475.00	66.5 PK	68.2	-1.7	3.29 V	354	42.8	23.7

Remarks:

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

802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.6 PK	74.0	-4.4	1.89 H	290	65.2	4.4
2	5150.00	53.1 AV	54.0	-0.9	1.89 H	290	48.7	4.4
3	*5180.00	112.4 PK			2.04 H	296	72.9	39.5
4	*5180.00	100.0 AV			2.04 H	296	60.5	39.5
5	#10360.00	57.3 PK	68.2	-10.9	1.64 H	166	41.3	16.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.6 PK	74.0	-4.4	3.83 V	336	65.2	4.4
2	5150.00	52.7 AV	54.0	-1.3	3.83 V	336	48.3	4.4
3	*5180.00	112.6 PK			3.79 V	347	73.1	39.5
4	*5180.00	99.8 AV			3.79 V	347	60.3	39.5
5	#10360.00	58.8 PK	68.2	-9.4	2.65 V	196	42.8	16.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.9 PK	74.0	-5.1	2.18 H	293	64.5	4.4
2	5150.00	53.0 AV	54.0	-1.0	2.18 H	293	48.6	4.4
3	*5200.00	114.8 PK			2.18 H	272	75.3	39.5
4	*5200.00	103.3 AV			2.18 H	272	63.8	39.5
5	#10400.00	57.6 PK	68.2	-10.6	1.58 H	198	41.4	16.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.0 PK	74.0	-6.0	3.81 V	335	63.6	4.4
2	5150.00	51.6 AV	54.0	-2.4	3.81 V	335	47.2	4.4
3	*5200.00	116.3 PK			3.77 V	348	76.8	39.5
4	*5200.00	103.3 AV			3.77 V	348	63.8	39.5
5	#10400.00	58.5 PK	68.2	-9.7	2.51 V	262	42.3	16.2

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	115.9 PK			1.90 H	294	76.6	39.3
2	*5240.00	104.1 AV			1.90 H	294	64.8	39.3
3	5350.00	56.9 PK	74.0	-17.1	1.95 H	299	52.6	4.3
4	5350.00	42.8 AV	54.0	-11.2	1.95 H	299	38.5	4.3
5	#10480.00	58.6 PK	68.2	-9.6	2.96 H	157	41.6	17.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	115.8 PK			3.53 V	348	76.5	39.3
2	*5240.00	102.6 AV			3.53 V	348	63.3	39.3
3	5350.00	57.5 PK	74.0	-16.5	3.42 V	351	53.2	4.3
4	5350.00	43.9 AV	54.0	-10.1	3.42 V	351	39.6	4.3
5	#10480.00	58.8 PK	68.2	-9.4	2.48 V	251	41.8	17.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5607.69	55.6 PK	68.2	-12.6	1.64 H	23	51.0	4.6
2	*5745.00	116.1 PK			1.64 H	23	76.0	40.1
3	*5745.00	103.4 AV			1.64 H	23	63.3	40.1
4	#5954.49	57.4 PK	68.2	-10.8	1.64 H	23	52.1	5.3
5	11490.00	60.2 PK	74.0	-13.8	1.11 H	143	42.2	18.0
6	11490.00	47.0 AV	54.0	-7.0	1.11 H	143	29.0	18.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5612.82	55.2 PK	68.2	-13.0	3.86 V	346	50.6	4.6
2	*5745.00	115.0 PK			3.86 V	346	74.9	40.1
3	*5745.00	103.0 AV			3.86 V	346	62.9	40.1
4	#5994.87	57.6 PK	68.2	-10.6	3.86 V	346	52.2	5.4
5	11490.00	60.8 PK	74.0	-13.2	3.07 V	109	42.8	18.0
6	11490.00	48.2 AV	54.0	-5.8	3.07 V	109	30.2	18.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5614.10	55.2 PK	68.2	-13.0	1.42 H	303	50.6	4.6
2	*5785.00	115.1 PK			1.42 H	303	74.8	40.3
3	*5785.00	103.3 AV			1.42 H	303	63.0	40.3
4	#5998.08	57.7 PK	68.2	-10.5	1.42 H	303	52.3	5.4
5	11570.00	60.0 PK	74.0	-14.0	1.15 H	120	42.3	17.7
6	11570.00	46.9 AV	54.0	-7.1	1.15 H	120	29.2	17.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5611.54	54.3 PK	68.2	-13.9	3.49 V	355	49.7	4.6
2	*5785.00	115.7 PK			3.49 V	355	75.4	40.3
3	*5785.00	104.0 AV			3.49 V	355	63.7	40.3
4	#5977.56	56.8 PK	68.2	-11.4	3.49 V	355	51.4	5.4
5	11570.00	61.3 PK	74.0	-12.7	3.02 V	111	43.6	17.7
6	11570.00	48.3 AV	54.0	-5.7	3.02 V	111	30.6	17.7

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5608.97	55.2 PK	68.2	-13.0	1.60 H	25	50.6	4.6
2	*5825.00	117.7 PK			1.60 H	25	77.3	40.4
3	*5825.00	104.7 AV			1.60 H	25	64.3	40.4
4	#5957.05	57.9 PK	68.2	-10.3	1.60 H	25	52.6	5.3
5	11650.00	60.1 PK	74.0	-13.9	1.02 H	104	42.6	17.5
6	11650.00	47.5 AV	54.0	-6.5	1.02 H	104	30.0	17.5
7	#17475.00	65.6 PK	68.2	-2.6	1.21 H	180	41.9	23.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5615.38	55.3 PK	68.2	-12.9	3.40 V	344	50.7	4.6
2	*5825.00	116.0 PK			3.40 V	344	75.6	40.4
3	*5825.00	104.3 AV			3.40 V	344	63.9	40.4
4	#5949.36	57.4 PK	68.2	-10.8	3.40 V	344	52.1	5.3
5	11650.00	62.3 PK	74.0	-11.7	1.24 V	63	44.8	17.5
6	11650.00	49.3 AV	54.0	-4.7	1.24 V	63	31.8	17.5
7	#17475.00	65.7 PK	68.2	-2.5	2.36 V	174	42.0	23.7

Remarks:

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

802.11ax (HE40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	71.7 PK	74.0	-2.3	1.83 H	299	67.3	4.4
2	5150.00	53.0 AV	54.0	-1.0	1.83 H	299	48.6	4.4
3	*5190.00	107.8 PK			2.17 H	300	68.3	39.5
4	*5190.00	96.5 AV			2.17 H	300	57.0	39.5
5	#10380.00	57.5 PK	68.2	-10.7	1.86 H	321	41.3	16.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.4 PK	74.0	-4.6	3.83 V	327	65.0	4.4
2	5150.00	50.2 AV	54.0	-3.8	3.83 V	327	45.8	4.4
3	*5190.00	108.0 PK			3.81 V	347	68.5	39.5
4	*5190.00	95.3 AV			3.81 V	347	55.8	39.5
5	#10380.00	57.7 PK	68.2	-10.5	2.12 V	276	41.5	16.2

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.6 PK	74.0	-7.4	1.88 H	296	62.2	4.4
2	5150.00	52.9 AV	54.0	-1.1	1.88 H	296	48.5	4.4
3	*5230.00	112.6 PK			1.92 H	298	73.3	39.3
4	*5230.00	100.4 AV			1.92 H	298	61.1	39.3
5	5350.00	57.6 PK	74.0	-16.4	1.92 H	292	53.3	4.3
6	5350.00	45.6 AV	54.0	-8.4	1.92 H	292	41.3	4.3
7	#10460.00	57.7 PK	68.2	-10.5	1.89 H	253	40.9	16.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	63.4 PK	74.0	-10.6	3.65 V	318	59.0	4.4
2	5150.00	49.2 AV	54.0	-4.8	3.65 V	318	44.8	4.4
3	*5230.00	111.3 PK			3.96 V	356	72.0	39.3
4	*5230.00	98.8 AV			3.96 V	356	59.5	39.3
5	5350.00	57.2 PK	74.0	-16.8	3.72 V	354	52.9	4.3
6	5350.00	44.4 AV	54.0	-9.6	3.72 V	354	40.1	4.3
7	#10460.00	58.4 PK	68.2	-9.8	2.13 V	262	41.6	16.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5649.36	63.2 PK	68.2	-5.0	1.86 H	21	58.7	4.5
2	#5650.00	64.9 PK	68.2	-3.3	1.72 H	27	60.4	4.5
3	*5755.00	111.7 PK			1.86 H	21	71.6	40.1
4	*5755.00	100.9 AV			1.86 H	21	60.8	40.1
5	#5936.54	58.4 PK	68.2	-9.8	1.86 H	21	53.1	5.3
6	11510.00	59.4 PK	74.0	-14.6	2.18 H	196	41.3	18.1
7	11510.00	46.5 AV	54.0	-7.5	2.18 H	196	28.4	18.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.87	63.7 PK	68.2	-4.5	3.36 V	355	59.2	4.5
2	#5650.00	64.4 PK	68.2	-3.8	3.00 V	310	59.9	4.5
3	*5755.00	113.2 PK			3.36 V	355	73.1	40.1
4	*5755.00	101.5 AV			3.36 V	355	61.4	40.1
5	#5933.33	59.7 PK	68.2	-8.5	3.36 V	355	54.4	5.3
6	11510.00	59.6 PK	74.0	-14.4	2.31 V	192	41.5	18.1
7	11510.00	47.9 AV	54.0	-6.1	2.31 V	192	29.8	18.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.15	57.0 PK	68.2	-11.2	1.77 H	31	52.5	4.5
2	*5795.00	114.0 PK			1.77 H	31	73.6	40.4
3	*5795.00	102.3 AV			1.77 H	31	61.9	40.4
4	#5925.00	67.2 PK	68.2	-1.0	1.63 H	27	61.9	5.3
5	#5936.54	64.5 PK	68.2	-3.7	1.77 H	31	59.2	5.3
6	11590.00	59.4 PK	74.0	-14.6	2.26 H	218	41.8	17.6
7	11590.00	46.1 AV	54.0	-7.9	2.26 H	218	28.5	17.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.87	56.1 PK	68.2	-12.1	3.32 V	355	51.6	4.5
2	*5795.00	114.5 PK			3.32 V	355	74.1	40.4
3	*5795.00	102.2 AV			3.32 V	355	61.8	40.4
4	#5925.00	65.6 PK	68.2	-2.6	3.78 V	315	60.3	5.3
5	#5926.92	63.3 PK	68.2	-4.9	3.32 V	355	58.0	5.3
6	11590.00	59.9 PK	74.0	-14.1	2.43 V	269	42.3	17.6
7	11590.00	47.0 AV	54.0	-7.0	2.43 V	269	29.4	17.6

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.

802.11ax (HE80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	70.3 PK	74.0	-3.7	1.82 H	293	65.9	4.4
2	5150.00	52.5 AV	54.0	-1.5	1.82 H	293	48.1	4.4
3	*5210.00	105.1 PK			2.02 H	294	65.7	39.4
4	*5210.00	93.3 AV			2.02 H	294	53.9	39.4
5	5350.00	56.9 PK	74.0	-17.1	1.96 H	310	52.6	4.3
6	5350.00	44.3 AV	54.0	-9.7	1.96 H	310	40.0	4.3
7	#10420.00	57.5 PK	68.2	-10.7	2.56 H	203	41.0	16.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.5 PK	74.0	-6.5	3.69 V	2	63.1	4.4
2	5150.00	50.1 AV	54.0	-3.9	3.69 V	2	45.7	4.4
3	*5210.00	103.0 PK			3.95 V	2	63.6	39.4
4	*5210.00	92.1 AV			3.95 V	2	52.7	39.4
5	5350.00	56.8 PK	74.0	-17.2	3.58 V	11	52.5	4.3
6	5350.00	44.0 AV	54.0	-10.0	3.58 V	11	39.7	4.3
7	#10420.00	58.2 PK	68.2	-10.0	1.55 V	174	41.7	16.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5627.56	59.0 PK	68.2	-9.2	1.80 H	32	54.5	4.5
2	#5650.00	62.8 PK	68.2	-5.4	1.60 H	25	58.3	4.5
3	*5775.00	106.2 PK			1.80 H	32	65.9	40.3
4	*5775.00	95.2 AV			1.80 H	32	54.9	40.3
5	#5925.00	65.2 PK	68.2	-3.0	1.42 H	27	59.9	5.3
6	#5951.92	62.3 PK	68.2	-5.9	1.80 H	32	57.0	5.3
7	11550.00	59.2 PK	74.0	-14.8	2.13 H	119	41.3	17.9
8	11550.00	46.4 AV	54.0	-7.6	2.13 H	119	28.5	17.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5647.44	59.9 PK	68.2	-8.3	4.00 V	357	55.4	4.5
2	#5650.00	61.4 PK	68.2	-6.8	3.54 V	319	56.9	4.5
3	*5775.00	106.8 PK			4.00 V	357	66.5	40.3
4	*5775.00	95.4 AV			4.00 V	357	55.1	40.3
5	#5925.00	63.9 PK	68.2	-4.3	3.87 V	344	58.6	5.3
6	#5932.05	60.4 PK	68.2	-7.8	4.00 V	357	55.1	5.3
7	11550.00	59.4 PK	74.0	-14.6	1.76 V	143	41.5	17.9
8	11550.00	47.1 AV	54.0	-6.9	1.76 V	143	29.2	17.9

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.

3TX

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	71.0 PK	74.0	-3.0	1.85 H	297	66.6	4.4
2	5150.00	52.6 AV	54.0	-1.4	1.85 H	297	48.2	4.4
3	*5180.00	113.1 PK			1.20 H	303	73.6	39.5
4	*5180.00	103.4 AV			1.20 H	303	63.9	39.5
5	#10360.00	57.8 PK	68.2	-10.4	2.89 H	61	41.8	16.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.6 PK	74.0	-6.4	2.90 V	311	63.2	4.4
2	5150.00	48.7 AV	54.0	-5.3	2.90 V	311	44.3	4.4
3	*5180.00	111.8 PK			3.40 V	331	72.3	39.5
4	*5180.00	102.2 AV			3.40 V	331	62.7	39.5
5	#10360.00	57.4 PK	68.2	-10.8	2.48 V	195	41.4	16.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	114.4 PK			1.17 H	306	74.9	39.5
2	*5200.00	104.9 AV			1.17 H	306	65.4	39.5
3	#10400.00	57.5 PK	68.2	-10.7	2.48 H	161	41.3	16.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	107.7 PK			1.67 V	62	68.2	39.5
2	*5200.00	98.3 AV			1.67 V	62	58.8	39.5
3	#10400.00	58.4 PK	68.2	-9.8	2.36 V	185	42.2	16.2

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	114.1 PK			1.29 H	306	74.8	39.3
2	*5240.00	104.6 AV			1.29 H	306	65.3	39.3
3	5350.00	55.9 PK	74.0	-18.1	2.52 H	357	51.6	4.3
4	5350.00	44.5 AV	54.0	-9.5	2.52 H	357	40.2	4.3
5	#10480.00	58.9 PK	68.2	-9.3	2.56 H	148	41.9	17.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	114.0 PK			3.93 V	360	74.7	39.3
2	*5240.00	104.4 AV			3.93 V	360	65.1	39.3
3	5350.00	56.4 PK	74.0	-17.6	3.51 V	332	52.1	4.3
4	5350.00	44.8 AV	54.0	-9.2	3.51 V	332	40.5	4.3
5	#10480.00	58.8 PK	68.2	-9.4	2.26 V	172	41.8	17.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.79	60.8 PK	68.2	-7.4	1.85 H	23	56.3	4.5
2	*5745.00	117.7 PK			1.85 H	23	77.6	40.1
3	*5745.00	107.7 AV			1.85 H	23	67.6	40.1
4	#5989.74	58.3 PK	68.2	-9.9	1.85 H	23	52.9	5.4
5	11490.00	61.0 PK	74.0	-13.0	1.42 H	119	43.0	18.0
6	11490.00	47.6 AV	54.0	-6.4	1.42 H	119	29.6	18.0
7	#17235.00	63.7 PK	68.2	-4.5	1.40 H	197	42.4	21.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5609.62	55.6 PK	68.2	-12.6	3.54 V	342	51.0	4.6
2	*5745.00	116.7 PK			3.54 V	342	76.6	40.1
3	*5745.00	106.4 AV			3.54 V	342	66.3	40.1
4	#5982.69	57.4 PK	68.2	-10.8	3.54 V	342	52.0	5.4
5	11490.00	65.1 PK	74.0	-8.9	1.27 V	90	47.1	18.0
6	11490.00	52.8 AV	54.0	-1.2	1.27 V	90	34.8	18.0
7	#17235.00	63.5 PK	68.2	-4.7	1.23 V	53	42.2	21.3

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5614.10	55.4 PK	68.2	-12.8	1.92 H	37	50.8	4.6
2	*5785.00	118.0 PK			1.92 H	37	77.7	40.3
3	*5785.00	107.5 AV			1.92 H	37	67.2	40.3
4	#5979.49	58.5 PK	68.2	-9.7	1.92 H	37	53.1	5.4
5	11570.00	60.8 PK	74.0	-13.2	3.28 H	294	43.1	17.7
6	11570.00	46.9 AV	54.0	-7.1	3.28 H	294	29.2	17.7
7	#17355.00	64.2 PK	68.2	-4.0	3.80 H	350	42.0	22.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5603.21	54.9 PK	68.2	-13.3	3.82 V	348	50.3	4.6
2	*5785.00	118.8 PK			3.82 V	348	78.5	40.3
3	*5785.00	108.0 AV			3.82 V	348	67.7	40.3
4	#5993.59	57.6 PK	68.2	-10.6	3.82 V	348	52.2	5.4
5	11570.00	64.1 PK	74.0	-9.9	1.29 V	33	46.4	17.7
6	11570.00	51.6 AV	54.0	-2.4	1.29 V	33	33.9	17.7
7	#17355.00	65.2 PK	68.2	-3.0	1.51 V	48	43.0	22.2

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5601.28	54.8 PK	68.2	-13.4	2.14 H	30	50.2	4.6
2	*5825.00	116.9 PK			2.14 H	30	76.5	40.4
3	*5825.00	107.5 AV			2.14 H	30	67.1	40.4
4	#5975.64	57.7 PK	68.2	-10.5	2.14 H	30	52.3	5.4
5	11650.00	62.3 PK	74.0	-11.7	3.76 H	356	44.8	17.5
6	11650.00	48.9 AV	54.0	-5.1	3.76 H	356	31.4	17.5
7	#17475.00	65.0 PK	68.2	-3.2	3.77 H	350	41.3	23.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5603.21	55.5 PK	68.2	-12.7	3.74 V	338	50.9	4.6
2	*5825.00	117.4 PK			3.74 V	338	77.0	40.4
3	*5825.00	107.3 AV			3.74 V	338	66.9	40.4
4	#5948.72	58.5 PK	68.2	-9.7	3.74 V	338	53.2	5.3
5	11650.00	64.7 PK	74.0	-9.3	2.22 V	45	47.2	17.5
6	11650.00	51.8 AV	54.0	-2.2	2.22 V	45	34.3	17.5
7	#17475.00	67.1 PK	68.2	-1.1	2.06 V	57	43.4	23.7

Remarks:

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

802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	70.9 PK	74.0	-3.1	1.48 H	297	66.5	4.4
2	5150.00	52.8 AV	54.0	-1.2	1.48 H	297	48.4	4.4
3	*5180.00	113.3 PK			1.95 H	299	73.8	39.5
4	*5180.00	101.4 AV			1.95 H	299	61.9	39.5
5	#10360.00	57.4 PK	68.2	-10.8	2.48 H	259	41.4	16.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.5 PK	74.0	-7.5	2.76 V	351	62.1	4.4
2	5150.00	49.2 AV	54.0	-4.8	2.76 V	351	44.8	4.4
3	*5180.00	111.8 PK			2.95 V	2	72.3	39.5
4	*5180.00	99.0 AV			2.95 V	2	59.5	39.5
5	#10360.00	57.6 PK	68.2	-10.6	1.39 V	174	41.6	16.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	116.2 PK			1.09 H	18	76.7	39.5
2	*5200.00	104.3 AV			1.09 H	18	64.8	39.5
3	#10400.00	57.5 PK	68.2	-10.7	2.39 H	251	41.3	16.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	115.0 PK			3.41 V	332	75.5	39.5
2	*5200.00	102.1 AV			3.41 V	332	62.6	39.5
3	#10400.00	57.6 PK	68.2	-10.6	1.51 V	164	41.4	16.2

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	117.4 PK			1.24 H	30	78.1	39.3
2	*5240.00	104.5 AV			1.24 H	30	65.2	39.3
3	5350.00	57.3 PK	74.0	-16.7	1.36 H	45	53.0	4.3
4	5350.00	44.0 AV	54.0	-10.0	1.36 H	45	39.7	4.3
5	#10480.00	59.2 PK	68.2	-9.0	2.36 H	202	42.2	17.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	115.3 PK			3.32 V	330	76.0	39.3
2	*5240.00	103.2 AV			3.32 V	330	63.9	39.3
3	5350.00	56.6 PK	74.0	-17.4	3.26 V	314	52.3	4.3
4	5350.00	43.9 AV	54.0	-10.1	3.26 V	314	39.6	4.3
5	#10480.00	58.9 PK	68.2	-9.3	1.48 V	139	41.9	17.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5635.26	55.9 PK	68.2	-12.3	2.15 H	305	51.4	4.5
2	*5745.00	118.1 PK			2.15 H	305	78.0	40.1
3	*5745.00	105.8 AV			2.15 H	305	65.7	40.1
4	#5934.62	57.4 PK	68.2	-10.8	2.15 H	305	52.1	5.3
5	11490.00	60.3 PK	74.0	-13.7	1.97 H	132	42.3	18.0
6	11490.00	47.2 AV	54.0	-6.8	1.97 H	132	29.2	18.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.08	57.3 PK	68.2	-10.9	2.83 V	354	52.8	4.5
2	*5745.00	117.1 PK			2.83 V	354	77.0	40.1
3	*5745.00	105.2 AV			2.83 V	354	65.1	40.1
4	#5992.95	58.5 PK	68.2	-9.7	2.83 V	354	53.1	5.4
5	11490.00	62.6 PK	74.0	-11.4	1.41 V	90	44.6	18.0
6	11490.00	49.8 AV	54.0	-4.2	1.41 V	90	31.8	18.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5608.33	55.1 PK	68.2	-13.1	2.44 H	22	50.5	4.6
2	*5785.00	119.6 PK			2.44 H	22	79.3	40.3
3	*5785.00	106.8 AV			2.44 H	22	66.5	40.3
4	#5949.36	58.0 PK	68.2	-10.2	2.44 H	22	52.7	5.3
5	11570.00	59.3 PK	74.0	-14.7	3.80 H	356	41.6	17.7
6	11570.00	46.0 AV	54.0	-8.0	3.80 H	356	28.3	17.7
7	#17355.00	64.7 PK	68.2	-3.5	3.80 H	350	42.5	22.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5633.33	55.2 PK	68.2	-13.0	2.80 V	354	50.7	4.5
2	*5785.00	119.0 PK			2.80 V	354	78.7	40.3
3	*5785.00	105.6 AV			2.80 V	354	65.3	40.3
4	#5946.79	57.7 PK	68.2	-10.5	2.80 V	354	52.4	5.3
5	11570.00	62.9 PK	74.0	-11.1	2.49 V	324	45.2	17.7
6	11570.00	50.2 AV	54.0	-3.8	2.49 V	324	32.5	17.7
7	#17355.00	64.2 PK	68.2	-4.0	2.61 V	26	42.0	22.2

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5615.38	55.3 PK	68.2	-12.9	2.11 H	20	50.7	4.6
2	*5825.00	120.3 PK			2.11 H	20	79.9	40.4
3	*5825.00	108.1 AV			2.11 H	20	67.7	40.4
4	#5926.92	64.7 PK	68.2	-3.5	2.11 H	20	59.4	5.3
5	11650.00	62.1 PK	74.0	-11.9	3.44 H	348	44.6	17.5
6	11650.00	49.3 AV	54.0	-4.7	3.44 H	348	31.8	17.5
7	#17475.00	65.9 PK	68.2	-2.3	3.60 H	357	42.2	23.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5619.87	54.8 PK	68.2	-13.4	3.79 V	347	50.2	4.6
2	*5825.00	120.0 PK			3.79 V	347	79.6	40.4
3	*5825.00	107.0 AV			3.79 V	347	66.6	40.4
4	#5934.62	60.6 PK	68.2	-7.6	3.79 V	347	55.3	5.3
5	11650.00	64.3 PK	74.0	-9.7	1.93 V	123	46.8	17.5
6	11650.00	51.2 AV	54.0	-2.8	1.93 V	123	33.7	17.5
7	#17475.00	66.9 PK	68.2	-1.3	2.10 V	41	43.2	23.7

Remarks:

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

802.11ax (HE40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	71.2 PK	74.0	-2.8	1.00 H	274	66.8	4.4
2	5150.00	53.0 AV	54.0	-1.0	1.00 H	274	48.6	4.4
3	*5190.00	110.3 PK			1.03 H	278	70.8	39.5
4	*5190.00	98.0 AV			1.03 H	278	58.5	39.5
5	#10380.00	57.4 PK	68.2	-10.8	2.21 H	189	41.2	16.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.9 PK	74.0	-7.1	3.79 V	316	62.5	4.4
2	5150.00	48.2 AV	54.0	-5.8	3.79 V	316	43.8	4.4
3	*5190.00	107.2 PK			3.41 V	333	67.7	39.5
4	*5190.00	95.6 AV			3.41 V	333	56.1	39.5
5	#10380.00	57.6 PK	68.2	-10.6	1.34 V	176	41.4	16.2

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	65.8 PK	74.0	-8.2	1.03 H	281	61.4	4.4
2	5150.00	52.7 AV	54.0	-1.3	1.03 H	281	48.3	4.4
3	*5230.00	114.6 PK			1.06 H	280	75.3	39.3
4	*5230.00	102.0 AV			1.06 H	280	62.7	39.3
5	5350.00	59.8 PK	74.0	-14.2	1.22 H	296	55.5	4.3
6	5350.00	45.7 AV	54.0	-8.3	1.22 H	296	41.4	4.3
7	#10460.00	58.1 PK	68.2	-10.1	2.64 H	233	41.3	16.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	64.6 PK	74.0	-9.4	3.47 V	323	60.2	4.4
2	5150.00	51.1 AV	54.0	-2.9	3.47 V	323	46.7	4.4
3	*5230.00	112.7 PK			3.51 V	331	73.4	39.3
4	*5230.00	100.7 AV			3.51 V	331	61.4	39.3
5	5350.00	57.5 PK	74.0	-16.5	3.00 V	343	53.2	4.3
6	5350.00	44.1 AV	54.0	-9.9	3.00 V	343	39.8	4.3
7	#10460.00	58.5 PK	68.2	-9.7	1.83 V	124	41.7	16.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.72	63.6 PK	68.2	-4.6	2.32 H	24	59.1	4.5
2	#5650.00	66.9 PK	68.2	-1.3	2.86 H	304	62.4	4.5
3	*5755.00	114.4 PK			2.32 H	24	74.3	40.1
4	*5755.00	102.8 AV			2.32 H	24	62.7	40.1
5	#5939.74	60.4 PK	68.2	-7.8	2.32 H	24	55.1	5.3
6	11510.00	58.6 PK	74.0	-15.4	3.46 H	351	40.5	18.1
7	11510.00	45.9 AV	54.0	-8.1	3.46 H	351	27.8	18.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.87	63.7 PK	68.2	-4.5	3.88 V	348	59.2	4.5
2	#5650.00	63.7 PK	68.2	-4.5	3.88 V	348	59.2	4.5
3	*5755.00	115.5 PK			3.88 V	348	75.4	40.1
4	*5755.00	103.4 AV			3.88 V	348	63.3	40.1
5	#5966.67	60.6 PK	68.2	-7.6	3.88 V	348	55.3	5.3
6	11510.00	61.4 PK	74.0	-12.6	2.28 V	177	43.3	18.1
7	11510.00	46.2 AV	54.0	-7.8	2.28 V	177	28.1	18.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5636.54	55.4 PK	68.2	-12.8	2.39 H	27	50.9	4.5
2	*5795.00	116.4 PK			2.39 H	27	76.0	40.4
3	*5795.00	104.3 AV			2.39 H	27	63.9	40.4
4	#5925.00	67.2 PK	68.2	-1.0	1.61 H	27	61.9	5.3
5	#5939.74	62.0 PK	68.2	-6.2	2.39 H	27	56.7	5.3
6	11590.00	60.8 PK	74.0	-13.2	3.35 H	342	43.2	17.6
7	11590.00	45.6 AV	54.0	-8.4	3.35 H	342	28.0	17.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5600.00	55.0 PK	68.2	-13.2	3.81 V	349	50.4	4.6
2	*5795.00	116.6 PK			3.81 V	349	76.2	40.4
3	*5795.00	104.5 AV			3.81 V	349	64.1	40.4
4	#5925.00	66.3 PK	68.2	-1.9	3.81 V	352	61.0	5.3
5	#5925.00	63.8 PK	68.2	-4.4	3.81 V	349	58.5	5.3
6	11590.00	61.2 PK	74.0	-12.8	2.16 V	193	43.6	17.6
7	11590.00	46.3 AV	54.0	-7.7	2.16 V	193	28.7	17.6

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.

802.11ax (HE80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.7 PK	74.0	-4.3	1.73 H	303	65.3	4.4
2	5150.00	52.5 AV	54.0	-1.5	1.73 H	303	48.1	4.4
3	*5210.00	106.1 PK			1.58 H	302	66.7	39.4
4	*5210.00	94.4 AV			1.58 H	302	55.0	39.4
5	5350.00	56.9 PK	74.0	-17.1	1.66 H	312	52.6	4.3
6	5350.00	44.3 AV	54.0	-9.7	1.66 H	312	40.0	4.3
7	#10420.00	58.1 PK	68.2	-10.1	2.18 H	179	41.6	16.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.2 PK	74.0	-4.8	3.86 V	349	64.8	4.4
2	5150.00	51.4 AV	54.0	-2.6	3.86 V	349	47.0	4.4
3	*5210.00	104.5 PK			1.00 V	331	65.1	39.4
4	*5210.00	93.2 AV			1.00 V	331	53.8	39.4
5	5350.00	56.9 PK	74.0	-17.1	3.64 V	321	52.6	4.3
6	5350.00	44.3 AV	54.0	-9.7	3.64 V	321	40.0	4.3
7	#10420.00	57.1 PK	68.2	-11.1	1.67 V	113	40.6	16.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.72	57.8 PK	68.2	-10.4	1.26 H	27	53.3	4.5
2	#5650.00	60.8 PK	68.2	-7.4	1.69 H	21	56.3	4.5
3	*5775.00	108.1 PK			1.26 H	27	67.8	40.3
4	*5775.00	96.4 AV			1.26 H	27	56.1	40.3
5	#5925.00	63.3 PK	68.2	-4.9	1.60 H	29	58.0	5.3
6	#5925.00	60.7 PK	68.2	-7.5	1.26 H	27	55.4	5.3
7	11550.00	60.5 PK	74.0	-13.5	3.26 H	355	42.6	17.9
8	11550.00	45.7 AV	54.0	-8.3	3.26 H	355	27.8	17.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.79	56.7 PK	68.2	-11.5	2.80 V	354	52.2	4.5
2	#5650.00	59.7 PK	68.2	-8.5	3.19 V	325	55.2	4.5
3	*5775.00	106.7 PK			2.80 V	354	66.4	40.3
4	*5775.00	95.5 AV			2.80 V	354	55.2	40.3
5	#5925.00	60.8 PK	68.2	-7.4	2.96 V	334	55.5	5.3
6	#5942.31	59.0 PK	68.2	-9.2	2.80 V	354	53.7	5.3
7	11550.00	61.1 PK	74.0	-12.9	2.00 V	162	43.2	17.9
8	11550.00	46.4 AV	54.0	-7.6	2.00 V	162	28.5	17.9

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.

Test Mode I (External antenna – PN: ATS-OO-245-46-4RPSP-36 + Eth7 Radio)

1TX

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	70.0 PK	74.0	-4.0	1.72 H	318	65.6	4.4
2	5150.00	52.6 AV	54.0	-1.4	1.72 H	318	48.2	4.4
3	*5180.00	111.1 PK			1.69 H	312	71.6	39.5
4	*5180.00	100.9 AV			1.69 H	312	61.4	39.5
5	#10360.00	57.6 PK	68.2	-10.6	1.96 H	251	41.6	16.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	61.8 PK	74.0	-12.2	2.18 V	332	57.4	4.4
2	5150.00	45.9 AV	54.0	-8.1	2.18 V	332	41.5	4.4
3	*5180.00	104.2 PK			2.43 V	352	64.7	39.5
4	*5180.00	94.3 AV			2.43 V	352	54.8	39.5
5	#10360.00	58.0 PK	68.2	-10.2	1.42 V	291	42.0	16.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	113.6 PK			1.64 H	313	74.1	39.5
2	*5200.00	103.4 AV			1.64 H	313	63.9	39.5
3	#10400.00	57.8 PK	68.2	-10.4	2.83 H	155	41.6	16.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	105.2 PK			2.42 V	278	65.7	39.5
2	*5200.00	95.0 AV			2.42 V	278	55.5	39.5
3	#10400.00	57.4 PK	68.2	-10.8	2.88 V	206	41.2	16.2

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	112.7 PK			1.59 H	319	73.4	39.3
2	*5240.00	102.5 AV			1.59 H	319	63.2	39.3
3	5350.00	57.6 PK	74.0	-16.4	1.65 H	326	53.3	4.3
4	5350.00	44.1 AV	54.0	-9.9	1.65 H	326	39.8	4.3
5	#10480.00	58.3 PK	68.2	-9.9	2.38 H	229	41.3	17.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	109.4 PK			3.09 V	339	70.1	39.3
2	*5240.00	99.2 AV			3.09 V	339	59.9	39.3
3	5350.00	57.4 PK	74.0	-16.6	2.68 V	302	53.1	4.3
4	5350.00	43.6 AV	54.0	-10.4	2.68 V	302	39.3	4.3
5	#10480.00	58.8 PK	68.2	-9.4	2.75 V	233	41.8	17.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5601.28	55.1 PK	68.2	-13.1	1.90 H	306	50.5	4.6
2	*5745.00	112.7 PK			1.90 H	306	72.6	40.1
3	*5745.00	102.3 AV			1.90 H	306	62.2	40.1
4	#5978.21	58.4 PK	68.2	-9.8	1.90 H	306	53.0	5.4
5	11490.00	58.3 PK	74.0	-15.7	2.58 H	149	40.3	18.0
6	11490.00	44.8 AV	54.0	-9.2	2.58 H	149	26.8	18.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5630.77	55.1 PK	68.2	-13.1	3.34 V	14	50.6	4.5
2	*5745.00	112.6 PK			3.34 V	14	72.5	40.1
3	*5745.00	102.2 AV			3.34 V	14	62.1	40.1
4	#5937.82	57.7 PK	68.2	-10.5	3.34 V	14	52.4	5.3
5	11490.00	59.4 PK	74.0	-14.6	1.57 V	282	41.4	18.0
6	11490.00	46.3 AV	54.0	-7.7	1.57 V	282	28.3	18.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5614.74	55.4 PK	68.2	-12.8	1.50 H	304	50.8	4.6
2	*5785.00	112.7 PK			1.50 H	304	72.4	40.3
3	*5785.00	102.7 AV			1.50 H	304	62.4	40.3
4	#5928.85	57.7 PK	68.2	-10.5	1.50 H	304	52.4	5.3
5	11570.00	59.0 PK	74.0	-15.0	2.28 H	136	41.3	17.7
6	11570.00	44.3 AV	54.0	-9.7	2.28 H	136	26.6	17.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5603.21	55.7 PK	68.2	-12.5	3.30 V	11	51.1	4.6
2	*5785.00	112.5 PK			3.30 V	11	72.2	40.3
3	*5785.00	102.2 AV			3.30 V	11	61.9	40.3
4	#5987.18	58.8 PK	68.2	-9.4	3.30 V	11	53.4	5.4
5	11570.00	59.2 PK	74.0	-14.8	1.68 V	174	41.5	17.7
6	11570.00	45.7 AV	54.0	-8.3	1.68 V	174	28.0	17.7

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5608.97	56.2 PK	68.2	-12.0	1.67 H	304	51.6	4.6
2	*5825.00	114.3 PK			1.67 H	304	73.9	40.4
3	*5825.00	103.8 AV			1.67 H	304	63.4	40.4
4	#5936.54	58.3 PK	68.2	-9.9	1.67 H	304	53.0	5.3
5	11650.00	59.8 PK	74.0	-14.2	1.48 H	251	42.3	17.5
6	11650.00	46.0 AV	54.0	-8.0	1.48 H	251	28.5	17.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5609.62	55.6 PK	68.2	-12.6	3.42 V	9	51.0	4.6
2	*5825.00	114.4 PK			3.42 V	9	74.0	40.4
3	*5825.00	104.2 AV			3.42 V	9	63.8	40.4
4	#5989.74	57.7 PK	68.2	-10.5	3.42 V	9	52.3	5.4
5	11650.00	59.0 PK	74.0	-15.0	2.10 V	199	41.5	17.5
6	11650.00	45.8 AV	54.0	-8.2	2.10 V	199	28.3	17.5

Remarks:

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

802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.0 PK	74.0	-6.0	1.58 H	322	63.6	4.4
2	5150.00	52.7 AV	54.0	-1.3	1.58 H	322	48.3	4.4
3	*5180.00	112.3 PK			1.42 H	322	72.8	39.5
4	*5180.00	98.8 AV			1.42 H	322	59.3	39.5
5	#10360.00	57.7 PK	68.2	-10.5	2.51 H	164	41.7	16.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	64.0 PK	74.0	-10.0	1.07 V	298	59.6	4.4
2	5150.00	48.6 AV	54.0	-5.4	1.07 V	298	44.2	4.4
3	*5180.00	105.2 PK			1.00 V	296	65.7	39.5
4	*5180.00	92.1 AV			1.00 V	296	52.6	39.5
5	#10360.00	57.9 PK	68.2	-10.3	1.84 V	241	41.9	16.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.0 PK	74.0	-7.0	1.56 H	320	62.6	4.4
2	5150.00	50.7 AV	54.0	-3.3	1.56 H	320	46.3	4.4
3	*5200.00	115.8 PK			1.51 H	319	76.3	39.5
4	*5200.00	102.4 AV			1.51 H	319	62.9	39.5
5	#10400.00	58.0 PK	68.2	-10.2	1.72 H	213	41.8	16.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	63.6 PK	74.0	-10.4	1.08 V	298	59.2	4.4
2	5150.00	47.6 AV	54.0	-6.4	1.08 V	298	43.2	4.4
3	*5200.00	108.4 PK			1.19 V	296	68.9	39.5
4	*5200.00	95.3 AV			1.19 V	296	55.8	39.5
5	#10400.00	57.8 PK	68.2	-10.4	2.13 V	199	41.6	16.2

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	114.6 PK			1.70 H	315	75.3	39.3
2	*5240.00	101.3 AV			1.70 H	315	62.0	39.3
3	5350.00	57.3 PK	74.0	-16.7	1.66 H	320	53.0	4.3
4	5350.00	44.3 AV	54.0	-9.7	1.66 H	320	40.0	4.3
5	#10480.00	58.4 PK	68.2	-9.8	2.37 H	225	41.4	17.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	112.2 PK			2.66 V	348	72.9	39.3
2	*5240.00	99.0 AV			2.66 V	348	59.7	39.3
3	5350.00	55.8 PK	74.0	-18.2	1.96 V	328	51.5	4.3
4	5350.00	44.5 AV	54.0	-9.5	1.96 V	328	40.2	4.3
5	#10480.00	58.4 PK	68.2	-9.8	2.69 V	211	41.4	17.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5647.44	56.2 PK	68.2	-12.0	1.64 H	307	51.7	4.5
2	*5745.00	114.7 PK			1.64 H	307	74.6	40.1
3	*5745.00	101.5 AV			1.64 H	307	61.4	40.1
4	#5982.69	57.6 PK	68.2	-10.6	1.64 H	307	52.2	5.4
5	11490.00	58.5 PK	74.0	-15.5	2.23 H	195	40.5	18.0
6	11490.00	44.6 AV	54.0	-9.4	2.23 H	195	26.6	18.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.23	55.7 PK	68.2	-12.5	3.34 V	12	51.2	4.5
2	*5745.00	114.7 PK			3.34 V	12	74.6	40.1
3	*5745.00	101.5 AV			3.34 V	12	61.4	40.1
4	#5939.10	57.7 PK	68.2	-10.5	3.34 V	12	52.4	5.3
5	11490.00	59.4 PK	74.0	-14.6	2.33 V	179	41.4	18.0
6	11490.00	45.6 AV	54.0	-8.4	2.33 V	179	27.6	18.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5603.21	55.0 PK	68.2	-13.2	1.71 H	301	50.4	4.6
2	*5785.00	115.4 PK			1.71 H	301	75.1	40.3
3	*5785.00	101.9 AV			1.71 H	301	61.6	40.3
4	#5975.00	58.1 PK	68.2	-10.1	1.71 H	301	52.7	5.4
5	11570.00	58.3 PK	74.0	-15.7	2.61 H	173	40.6	17.7
6	11570.00	44.7 AV	54.0	-9.3	2.61 H	173	27.0	17.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.15	55.0 PK	68.2	-13.2	3.31 V	10	50.5	4.5
2	*5785.00	115.3 PK			3.31 V	10	75.0	40.3
3	*5785.00	102.1 AV			3.31 V	10	61.8	40.3
4	#5999.36	57.7 PK	68.2	-10.5	3.31 V	10	52.3	5.4
5	11570.00	59.1 PK	74.0	-14.9	2.36 V	192	41.4	17.7
6	11570.00	46.0 AV	54.0	-8.0	2.36 V	192	28.3	17.7

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5608.33	55.0 PK	68.2	-13.2	1.65 H	305	50.4	4.6
2	*5825.00	116.5 PK			1.65 H	305	76.1	40.4
3	*5825.00	102.9 AV			1.65 H	305	62.5	40.4
4	#5926.92	59.1 PK	68.2	-9.1	1.65 H	305	53.8	5.3
5	11650.00	60.1 PK	74.0	-13.9	2.39 H	174	42.6	17.5
6	11650.00	45.9 AV	54.0	-8.1	2.39 H	174	28.4	17.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5616.67	56.0 PK	68.2	-12.2	2.83 V	8	51.4	4.6
2	*5825.00	114.7 PK			2.83 V	8	74.3	40.4
3	*5825.00	100.9 AV			2.83 V	8	60.5	40.4
4	#5932.05	58.0 PK	68.2	-10.2	2.83 V	8	52.7	5.3
5	11650.00	58.4 PK	74.0	-15.6	1.83 V	155	40.9	17.5
6	11650.00	45.3 AV	54.0	-8.7	1.83 V	155	27.8	17.5

Remarks:

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

802.11ax (HE40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	70.6 PK	74.0	-3.4	1.71 H	319	66.2	4.4
2	5150.00	52.0 AV	54.0	-2.0	1.71 H	319	47.6	4.4
3	*5190.00	107.1 PK			1.66 H	314	67.6	39.5
4	*5190.00	94.0 AV			1.66 H	314	54.5	39.5
5	#10380.00	57.6 PK	68.2	-10.6	2.19 H	253	41.4	16.2
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	65.4 PK	74.0	-8.6	1.09 V	299	61.0	4.4
2	5150.00	47.6 AV	54.0	-6.4	1.09 V	299	43.2	4.4
3	*5190.00	99.3 PK			1.20 V	298	59.8	39.5
4	*5190.00	87.0 AV			1.20 V	298	47.5	39.5
5	#10380.00	57.4 PK	68.2	-10.8	1.89 V	217	41.2	16.2

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.2 PK	74.0	-7.8	1.71 H	321	61.8	4.4
2	5150.00	52.6 AV	54.0	-1.4	1.71 H	321	48.2	4.4
3	*5230.00	110.9 PK			1.48 H	319	71.6	39.3
4	*5230.00	98.0 AV			1.48 H	319	58.7	39.3
5	5350.00	59.2 PK	74.0	-14.8	1.53 H	304	54.9	4.3
6	5350.00	45.8 AV	54.0	-8.2	1.53 H	304	41.5	4.3
7	#10460.00	58.6 PK	68.2	-9.6	1.98 H	262	41.8	16.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	61.9 PK	74.0	-12.1	2.48 V	299	57.5	4.4
2	5150.00	48.6 AV	54.0	-5.4	2.48 V	299	44.2	4.4
3	*5230.00	105.0 PK			2.63 V	290	65.7	39.3
4	*5230.00	92.4 AV			2.63 V	290	53.1	39.3
5	5350.00	56.7 PK	74.0	-17.3	2.25 V	276	52.4	4.3
6	5350.00	44.2 AV	54.0	-9.8	2.25 V	276	39.9	4.3
7	#10460.00	58.4 PK	68.2	-9.8	1.78 V	199	41.6	16.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5649.36	61.9 PK	68.2	-6.3	1.77 H	306	57.4	4.5
2	*5755.00	112.6 PK			1.77 H	306	72.5	40.1
3	*5755.00	99.7 AV			1.77 H	306	59.6	40.1
4	#5982.05	59.3 PK	68.2	-8.9	1.77 H	306	53.9	5.4
5	11510.00	58.4 PK	74.0	-15.6	2.34 H	155	40.3	18.1
6	11510.00	45.9 AV	54.0	-8.1	2.34 H	155	27.8	18.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.79	62.1 PK	68.2	-6.1	3.34 V	12	57.6	4.5
2	*5755.00	112.9 PK			3.34 V	12	72.8	40.1
3	*5755.00	100.0 AV			3.34 V	12	59.9	40.1
4	#5992.95	58.9 PK	68.2	-9.3	3.34 V	12	53.5	5.4
5	11510.00	59.3 PK	74.0	-14.7	1.58 V	210	41.2	18.1
6	11510.00	46.4 AV	54.0	-7.6	1.58 V	210	28.3	18.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5630.77	57.1 PK	68.2	-11.1	1.72 H	305	52.6	4.5
2	*5795.00	113.0 PK			1.72 H	305	72.6	40.4
3	*5795.00	100.7 AV			1.72 H	305	60.3	40.4
4	#5927.56	63.5 PK	68.2	-4.7	1.72 H	305	58.2	5.3
5	11590.00	58.6 PK	74.0	-15.4	2.61 H	193	41.0	17.6
6	11590.00	46.3 AV	54.0	-7.7	2.61 H	193	28.7	17.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5608.33	55.4 PK	68.2	-12.8	3.44 V	10	50.8	4.6
2	*5795.00	113.3 PK			3.44 V	10	72.9	40.4
3	*5795.00	100.0 AV			3.44 V	10	59.6	40.4
4	#5927.56	60.9 PK	68.2	-7.3	3.44 V	10	55.6	5.3
5	11590.00	58.6 PK	74.0	-15.4	1.38 V	149	41.0	17.6
6	11590.00	45.9 AV	54.0	-8.1	1.38 V	149	28.3	17.6

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.

802.11ax (HE80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	70.9 PK	74.0	-3.1	1.44 H	322	66.5	4.4
2	5150.00	53.0 AV	54.0	-1.0	1.44 H	322	48.6	4.4
3	*5210.00	104.1 PK			1.60 H	320	64.7	39.4
4	*5210.00	91.7 AV			1.60 H	320	52.3	39.4
5	5350.00	59.0 PK	74.0	-15.0	1.57 H	311	54.7	4.3
6	5350.00	45.3 AV	54.0	-8.7	1.57 H	311	41.0	4.3
7	#10420.00	57.9 PK	68.2	-10.3	2.85 H	274	41.4	16.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.2 PK	74.0	-7.8	1.08 V	298	61.8	4.4
2	5150.00	48.8 AV	54.0	-5.2	1.08 V	298	44.4	4.4
3	*5210.00	97.0 PK			1.20 V	302	57.6	39.4
4	*5210.00	85.0 AV			1.20 V	302	45.6	39.4
5	5350.00	57.1 PK	74.0	-16.9	1.14 V	306	52.8	4.3
6	5350.00	44.7 AV	54.0	-9.3	1.14 V	306	40.4	4.3
7	#10420.00	57.3 PK	68.2	-10.9	1.65 V	191	40.8	16.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.72	60.7 PK	68.2	-7.5	1.49 H	303	56.2	4.5
2	#5650.00	65.3 PK	68.2	-2.9	1.59 H	303	60.8	4.5
3	*5775.00	107.7 PK			1.49 H	303	67.4	40.3
4	*5775.00	95.0 AV			1.49 H	303	54.7	40.3
5	#5925.00	66.7 PK	68.2	-1.5	1.63 H	310	61.4	5.3
6	#5925.00	64.6 PK	68.2	-3.6	1.49 H	303	59.3	5.3
7	11550.00	58.9 PK	74.0	-15.1	2.15 H	198	41.0	17.9
8	11550.00	46.8 AV	54.0	-7.2	2.15 H	198	28.9	17.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5642.31	59.0 PK	68.2	-9.2	2.42 V	20	54.5	4.5
2	#5650.00	61.7 PK	68.2	-6.5	2.02 V	3	57.2	4.5
3	*5775.00	106.6 PK			2.42 V	20	66.3	40.3
4	*5775.00	93.4 AV			2.42 V	20	53.1	40.3
5	#5925.00	64.6 PK	68.2	-3.6	2.19 V	15	59.3	5.3
6	#5942.95	62.1 PK	68.2	-6.1	2.42 V	20	56.8	5.3
7	11550.00	58.5 PK	74.0	-15.5	2.48 V	159	40.6	17.9
8	11550.00	45.9 AV	54.0	-8.1	2.48 V	159	28.0	17.9

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.

Test Mode K (External antenna – PN: ATS-OP-245-810-4RPSP-36 + Eth6 Radio)

1TX

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.1 PK	74.0	-5.9	2.03 H	111	62.7	5.4
2	5150.00	51.6 AV	54.0	-2.4	2.03 H	111	46.2	5.4
3	*5180.00	108.0 PK			2.03 H	102	71.3	36.7
4	*5180.00	98.9 AV			2.03 H	102	62.2	36.7
5	#10360.00	62.3 PK	68.2	-5.9	3.09 H	316	47.0	15.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.9 PK	74.0	-5.1	3.21 V	8	63.5	5.4
2	5150.00	52.8 AV	54.0	-1.2	3.21 V	8	47.4	5.4
3	*5180.00	109.0 PK			3.22 V	4	72.3	36.7
4	*5180.00	99.9 AV			3.22 V	4	63.2	36.7
5	#10360.00	62.8 PK	68.2	-5.4	2.55 V	222	47.5	15.3

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	109.8 PK			2.69 H	103	73.1	36.7
2	*5200.00	99.9 AV			2.69 H	103	63.2	36.7
3	#10400.00	62.8 PK	68.2	-5.4	1.59 H	163	47.2	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	110.8 PK			3.26 V	12	74.1	36.7
2	*5200.00	100.9 AV			3.26 V	12	64.2	36.7
3	#10400.00	63.2 PK	68.2	-5.0	2.99 V	263	47.6	15.6

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	111.5 PK			2.20 H	105	75.1	36.4
2	*5240.00	101.5 AV			2.20 H	105	65.1	36.4
3	5350.00	60.9 PK	74.0	-13.1	2.62 H	104	55.7	5.2
4	5350.00	47.8 AV	54.0	-6.2	2.62 H	104	42.6	5.2
5	#10480.00	63.7 PK	68.2	-4.5	1.51 H	109	48.2	15.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	112.5 PK			3.39 V	6	76.1	36.4
2	*5240.00	102.5 AV			3.39 V	6	66.1	36.4
3	5350.00	61.1 PK	74.0	-12.9	3.22 V	4	55.9	5.2
4	5350.00	48.0 AV	54.0	-6.0	3.22 V	4	42.8	5.2
5	#10480.00	63.9 PK	68.2	-4.3	2.02 V	211	48.4	15.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5601.60	61.7 PK	68.2	-6.5	1.00 H	345	56.1	5.6
2	*5745.00	109.1 PK			1.00 H	345	71.7	37.4
3	*5745.00	98.5 AV			1.00 H	345	61.1	37.4
4	#5990.40	61.8 PK	68.2	-6.4	1.00 H	345	55.4	6.4
5	11490.00	63.9 PK	74.0	-10.1	3.09 H	211	46.4	17.5
6	11490.00	50.0 AV	54.0	-4.0	3.09 H	211	32.5	17.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5631.20	61.5 PK	68.2	-6.7	2.57 V	25	55.9	5.6
2	*5745.00	110.1 PK			2.57 V	25	72.7	37.4
3	*5745.00	99.5 AV			2.57 V	25	62.1	37.4
4	#5998.40	62.1 PK	68.2	-6.1	2.57 V	25	55.7	6.4
5	11490.00	64.2 PK	74.0	-9.8	3.06 V	311	46.7	17.5
6	11490.00	50.3 AV	54.0	-3.7	3.06 V	311	32.8	17.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5619.20	61.7 PK	68.2	-6.5	1.00 H	343	56.1	5.6
2	*5785.00	109.3 PK			1.00 H	343	72.0	37.3
3	*5785.00	99.0 AV			1.00 H	343	61.7	37.3
4	#5939.20	61.6 PK	68.2	-6.6	1.00 H	343	55.2	6.4
5	11570.00	63.7 PK	74.0	-10.3	2.11 H	152	46.2	17.5
6	11570.00	50.0 AV	54.0	-4.0	2.11 H	152	32.5	17.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5620.00	62.1 PK	68.2	-6.1	2.55 V	20	56.5	5.6
2	*5785.00	110.4 PK			2.55 V	20	73.1	37.3
3	*5785.00	100.1 AV			2.55 V	20	62.8	37.3
4	#5941.60	62.8 PK	68.2	-5.4	2.55 V	20	56.4	6.4
5	11570.00	64.2 PK	74.0	-9.8	2.69 V	233	46.7	17.5
6	11570.00	50.4 AV	54.0	-3.6	2.69 V	233	32.9	17.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5602.40	62.2 PK	68.2	-6.0	1.02 H	344	56.6	5.6
2	*5825.00	108.9 PK			1.02 H	344	71.5	37.4
3	*5825.00	98.7 AV			1.02 H	344	61.3	37.4
4	#5929.60	62.1 PK	68.2	-6.1	1.02 H	344	55.7	6.4
5	11650.00	63.0 PK	74.0	-11.0	2.99 H	222	46.0	17.0
6	11650.00	49.6 AV	54.0	-4.4	2.99 H	222	32.6	17.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.40	62.5 PK	68.2	-5.7	2.57 V	26	56.9	5.6
2	*5825.00	110.1 PK			2.57 V	26	72.7	37.4
3	*5825.00	99.9 AV			2.57 V	26	62.5	37.4
4	#5945.60	63.6 PK	68.2	-4.6	2.57 V	26	57.2	6.4
5	11650.00	63.7 PK	74.0	-10.3	3.26 V	333	46.7	17.0
6	11650.00	49.8 AV	54.0	-4.2	3.26 V	333	32.8	17.0

Remarks:

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

802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.3 PK	74.0	-4.7	2.69 H	99	63.9	5.4
2	5150.00	51.7 AV	54.0	-2.3	2.69 H	99	46.3	5.4
3	*5180.00	109.6 PK			2.03 H	66	72.9	36.7
4	*5180.00	97.0 AV			2.03 H	66	60.3	36.7
5	#10360.00	62.5 PK	68.2	-5.7	1.66 H	196	47.2	15.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	70.3 PK	74.0	-3.7	3.15 V	10	64.9	5.4
2	5150.00	52.8 AV	54.0	-1.2	3.15 V	10	47.4	5.4
3	*5180.00	110.6 PK			3.05 V	8	73.9	36.7
4	*5180.00	98.0 AV			3.05 V	8	61.3	36.7
5	#10360.00	63.0 PK	68.2	-5.2	1.00 V	233	47.7	15.3

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.4 PK	74.0	-6.6	2.15 H	16	62.0	5.4
2	5150.00	51.7 AV	54.0	-2.3	2.15 H	16	46.3	5.4
3	*5200.00	114.8 PK			2.00 H	123	78.1	36.7
4	*5200.00	104.0 AV			2.00 H	123	67.3	36.7
5	#10400.00	63.0 PK	68.2	-5.2	3.29 H	316	47.4	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.4 PK	74.0	-5.6	2.99 V	13	63.0	5.4
2	5150.00	52.7 AV	54.0	-1.3	2.99 V	13	47.3	5.4
3	*5200.00	115.8 PK			3.00 V	5	79.1	36.7
4	*5200.00	105.0 AV			3.00 V	5	68.3	36.7
5	#10400.00	63.3 PK	68.2	-4.9	3.15 V	322	47.7	15.6

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	112.2 PK			2.00 H	106	75.8	36.4
2	*5240.00	100.7 AV			2.00 H	106	64.3	36.4
3	5350.00	60.8 PK	74.0	-13.2	2.88 H	10	55.6	5.2
4	5350.00	47.8 AV	54.0	-6.2	2.88 H	10	42.6	5.2
5	#10480.00	63.4 PK	68.2	-4.8	2.99 H	263	47.9	15.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	113.2 PK			3.05 V	12	76.8	36.4
2	*5240.00	101.7 AV			3.05 V	12	65.3	36.4
3	5350.00	61.1 PK	74.0	-12.9	2.89 V	2	55.9	5.2
4	5350.00	48.0 AV	54.0	-6.0	2.89 V	2	42.8	5.2
5	#10480.00	63.6 PK	68.2	-4.6	3.00 V	333	48.1	15.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5600.00	61.8 PK	68.2	-6.4	1.03 H	343	56.2	5.6
2	*5745.00	108.9 PK			1.03 H	343	71.5	37.4
3	*5745.00	97.7 AV			1.03 H	343	60.3	37.4
4	#5960.80	61.9 PK	68.2	-6.3	1.03 H	343	55.6	6.3
5	11490.00	64.3 PK	74.0	-9.7	2.63 H	323	46.8	17.5
6	11490.00	50.3 AV	54.0	-3.7	2.63 H	323	32.8	17.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.40	62.3 PK	68.2	-5.9	2.59 V	30	56.7	5.6
2	*5745.00	110.0 PK			2.59 V	30	72.6	37.4
3	*5745.00	98.8 AV			2.59 V	30	61.4	37.4
4	#5973.60	62.8 PK	68.2	-5.4	2.59 V	30	56.5	6.3
5	11490.00	64.4 PK	74.0	-9.6	2.69 V	255	46.9	17.5
6	11490.00	50.6 AV	54.0	-3.4	2.69 V	255	33.1	17.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5609.60	61.5 PK	68.2	-6.7	1.00 H	345	55.9	5.6
2	*5785.00	110.1 PK			1.00 H	345	72.8	37.3
3	*5785.00	98.9 AV			1.00 H	345	61.6	37.3
4	#5968.80	62.3 PK	68.2	-5.9	1.00 H	345	56.0	6.3
5	11570.00	64.1 PK	74.0	-9.9	1.05 H	166	46.6	17.5
6	11570.00	50.0 AV	54.0	-4.0	1.05 H	166	32.5	17.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5619.20	63.2 PK	68.2	-5.0	2.57 V	25	57.6	5.6
2	*5785.00	111.3 PK			2.57 V	25	74.0	37.3
3	*5785.00	100.1 AV			2.57 V	25	62.8	37.3
4	#5955.20	62.7 PK	68.2	-5.5	2.57 V	25	56.3	6.4
5	11570.00	64.5 PK	74.0	-9.5	2.96 V	239	47.0	17.5
6	11570.00	50.5 AV	54.0	-3.5	2.96 V	239	33.0	17.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5619.20	61.5 PK	68.2	-6.7	1.01 H	340	55.9	5.6
2	*5825.00	107.8 PK			1.01 H	340	70.4	37.4
3	*5825.00	97.6 AV			1.01 H	340	60.2	37.4
4	#5929.60	62.3 PK	68.2	-5.9	1.01 H	340	55.9	6.4
5	11650.00	62.5 PK	74.0	-11.5	2.00 H	215	45.5	17.0
6	11650.00	49.2 AV	54.0	-4.8	2.00 H	215	32.2	17.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5628.80	62.1 PK	68.2	-6.1	2.55 V	20	56.5	5.6
2	*5825.00	109.0 PK			2.55 V	20	71.6	37.4
3	*5825.00	98.8 AV			2.55 V	20	61.4	37.4
4	#5984.80	62.7 PK	68.2	-5.5	2.55 V	20	56.3	6.4
5	11650.00	62.7 PK	74.0	-11.3	2.00 V	235	45.7	17.0
6	11650.00	49.3 AV	54.0	-4.7	2.00 V	235	32.3	17.0

Remarks:

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

802.11ax (HE40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.7 PK	74.0	-5.3	2.52 H	102	63.3	5.4
2	5150.00	51.8 AV	54.0	-2.2	2.52 H	102	46.4	5.4
3	*5190.00	103.8 PK			2.52 H	100	67.1	36.7
4	*5190.00	91.7 AV			2.52 H	100	55.0	36.7
5	#10380.00	63.4 PK	68.2	-4.8	3.00 H	315	48.0	15.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.7 PK	74.0	-4.3	3.15 V	13	64.3	5.4
2	5150.00	52.8 AV	54.0	-1.2	3.15 V	13	47.4	5.4
3	*5190.00	104.8 PK			3.21 V	1	68.1	36.7
4	*5190.00	92.7 AV			3.21 V	1	56.0	36.7
5	#10380.00	63.2 PK	68.2	-5.0	3.06 V	269	47.8	15.4

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	65.0 PK	74.0	-9.0	2.62 H	152	59.6	5.4
2	5150.00	51.3 AV	54.0	-2.7	2.62 H	152	45.9	5.4
3	*5230.00	107.1 PK			2.51 H	106	70.6	36.5
4	*5230.00	65.3 AV			2.51 H	106	28.8	36.5
5	5350.00	60.6 PK	74.0	-13.4	2.66 H	107	55.4	5.2
6	5350.00	48.0 AV	54.0	-6.0	2.66 H	107	42.8	5.2
7	#10460.00	63.5 PK	68.2	-4.7	3.06 H	311	47.9	15.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.0 PK	74.0	-8.0	3.11 V	26	60.6	5.4
2	5150.00	52.3 AV	54.0	-1.7	3.11 V	26	46.9	5.4
3	*5230.00	108.1 PK			3.06 V	3	71.6	36.5
4	*5230.00	96.3 AV			3.06 V	3	59.8	36.5
5	5350.00	60.9 PK	74.0	-13.1	2.98 V	1	55.7	5.2
6	5350.00	48.2 AV	54.0	-5.8	2.98 V	1	43.0	5.2
7	#10460.00	63.6 PK	68.2	-4.6	3.05 V	333	48.0	15.6

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.80	63.8 PK	68.2	-4.4	1.06 H	349	58.2	5.6
2	*5755.00	107.3 PK			1.06 H	349	70.0	37.3
3	*5755.00	96.6 AV			1.06 H	349	59.3	37.3
4	#5927.20	61.6 PK	68.2	-6.6	1.06 H	349	55.2	6.4
5	11510.00	64.1 PK	74.0	-9.9	2.62 H	222	46.8	17.3
6	11510.00	49.8 AV	54.0	-4.2	2.62 H	222	32.5	17.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.80	64.5 PK	68.2	-3.7	2.60 V	25	58.9	5.6
2	*5755.00	108.6 PK			2.60 V	25	71.3	37.3
3	*5755.00	97.7 AV			2.60 V	25	60.4	37.3
4	#5988.00	63.4 PK	68.2	-4.8	2.60 V	25	57.0	6.4
5	11510.00	64.3 PK	74.0	-9.7	2.22 V	311	47.0	17.3
6	11510.00	50.0 AV	54.0	-4.0	2.22 V	311	32.7	17.3

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.40	62.1 PK	68.2	-6.1	1.00 H	341	56.5	5.6
2	*5795.00	106.6 PK			1.00 H	341	69.3	37.3
3	*5795.00	96.5 AV			1.00 H	341	59.2	37.3
4	#5928.00	63.7 PK	68.2	-4.5	1.00 H	341	57.3	6.4
5	11590.00	63.1 PK	74.0	-10.9	2.55 H	111	45.6	17.5
6	11590.00	49.5 AV	54.0	-4.5	2.55 H	111	32.0	17.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5651.20	64.1 PK	69.1	-5.0	2.57 V	25	58.5	5.6
2	*5795.00	107.8 PK			2.57 V	25	70.5	37.3
3	*5795.00	97.6 AV			2.57 V	25	60.3	37.3
4	#5928.00	65.7 PK	68.2	-2.5	2.57 V	25	59.3	6.4
5	11590.00	63.5 PK	74.0	-10.5	2.88 V	205	46.0	17.5
6	11590.00	49.7 AV	54.0	-4.3	2.88 V	205	32.2	17.5

Remarks:

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

802.11ax (HE80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.4 PK	74.0	-6.6	2.02 H	30	62.0	5.4
2	5150.00	51.8 AV	54.0	-2.2	2.02 H	30	46.4	5.4
3	*5210.00	101.5 PK			2.52 H	102	64.9	36.6
4	*5210.00	89.7 AV			2.52 H	102	53.1	36.6
5	5350.00	60.6 PK	74.0	-13.4	3.10 H	15	55.4	5.2
6	5350.00	47.6 AV	54.0	-6.4	3.10 H	15	42.4	5.2
7	#10420.00	62.8 PK	68.2	-5.4	2.66 H	263	47.3	15.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.4 PK	74.0	-5.6	3.26 V	33	63.0	5.4
2	5150.00	52.8 AV	54.0	-1.2	3.26 V	33	47.4	5.4
3	*5210.00	102.5 PK			3.15 V	12	65.9	36.6
4	*5210.00	90.7 AV			3.15 V	12	54.1	36.6
5	5350.00	60.8 PK	74.0	-13.2	2.96 V	23	55.6	5.2
6	5350.00	47.8 AV	54.0	-6.2	2.96 V	23	42.6	5.2
7	#10420.00	63.2 PK	68.2	-5.0	2.02 V	211	47.7	15.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5650.40	66.1 PK	68.5	-2.4	1.02 H	346	60.5	5.6
2	*5775.00	103.8 PK			1.02 H	346	66.5	37.3
3	*5775.00	91.6 AV			1.02 H	346	54.3	37.3
4	#5926.40	64.7 PK	68.2	-3.5	1.02 H	346	58.3	6.4
5	11550.00	64.0 PK	74.0	-10.0	2.60 H	15	46.5	17.5
6	11550.00	50.3 AV	54.0	-3.7	2.60 H	15	32.8	17.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5636.80	66.9 PK	68.2	-1.3	2.56 V	21	61.3	5.6
2	*5775.00	104.9 PK			2.56 V	21	67.6	37.3
3	*5775.00	92.7 AV			2.56 V	21	55.4	37.3
4	#5924.80	66.3 PK	68.3	-2.0	2.56 V	21	59.9	6.4
5	11550.00	64.3 PK	74.0	-9.7	4.00 V	263	46.8	17.5
6	11550.00	50.6 AV	54.0	-3.4	4.00 V	263	33.1	17.5

Remarks:

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

2TX

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.8 PK	74.0	-6.2	1.05 H	340	55.2	12.6
2	5150.00	51.7 AV	54.0	-2.3	1.05 H	340	39.1	12.6
3	*5180.00	110.9 PK			1.00 H	349	69.4	41.5
4	*5180.00	101.2 AV			1.00 H	349	59.7	41.5
5	#10360.00	62.5 PK	68.2	-5.7	1.05 H	224	40.0	22.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.7 PK	74.0	-5.3	1.04 V	25	56.1	12.6
2	5150.00	52.6 AV	54.0	-1.4	1.04 V	25	40.0	12.6
3	*5180.00	111.8 PK			1.04 V	19	70.3	41.5
4	*5180.00	101.9 AV			1.04 V	19	60.4	41.5
5	#10360.00	63.0 PK	68.2	-5.2	2.64 V	118	40.5	22.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.0 PK	74.0	-6.0	1.06 H	330	55.4	12.6
2	5150.00	51.8 AV	54.0	-2.2	1.06 H	330	39.2	12.6
3	*5200.00	113.9 PK			1.02 H	348	72.4	41.5
4	*5200.00	104.0 AV			1.02 H	348	62.5	41.5
5	#10400.00	62.4 PK	68.2	-5.8	1.15 H	230	39.5	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.8 PK	74.0	-5.2	1.04 V	21	56.2	12.6
2	5150.00	52.6 AV	54.0	-1.4	1.04 V	21	40.0	12.6
3	*5200.00	114.8 PK			1.05 V	27	73.3	41.5
4	*5200.00	104.9 AV			1.05 V	27	63.4	41.5
5	#10400.00	63.5 PK	68.2	-4.7	1.69 V	241	40.6	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	114.6 PK			1.01 H	341	73.4	41.2
2	*5240.00	103.8 AV			1.01 H	341	62.6	41.2
3	5350.00	60.6 PK	74.0	-13.4	1.10 H	342	48.2	12.4
4	5350.00	47.5 AV	54.0	-6.5	1.10 H	342	35.1	12.4
5	#10480.00	62.5 PK	68.2	-5.7	1.50 H	241	39.7	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	115.5 PK			1.07 V	30	74.3	41.2
2	*5240.00	105.5 AV			1.07 V	30	64.3	41.2
3	5350.00	61.3 PK	74.0	-12.7	1.06 V	29	48.9	12.4
4	5350.00	48.2 AV	54.0	-5.8	1.06 V	29	35.8	12.4
5	#10480.00	63.6 PK	68.2	-4.6	1.65 V	224	40.8	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5633.60	63.8 PK	68.2	-4.4	1.00 H	45	51.1	12.7
2	*5745.00	114.1 PK			1.00 H	45	71.6	42.5
3	*5745.00	103.5 AV			1.00 H	45	61.0	42.5
4	#5984.00	63.1 PK	68.2	-5.1	1.00 H	45	49.3	13.8
5	11490.00	64.1 PK	74.0	-9.9	2.41 H	156	40.0	24.1
6	11490.00	50.2 AV	54.0	-3.8	2.41 H	156	26.1	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5636.80	64.8 PK	68.2	-3.4	1.09 V	35	52.1	12.7
2	*5745.00	114.4 PK			1.09 V	35	71.9	42.5
3	*5745.00	104.1 AV			1.09 V	35	61.6	42.5
4	#5958.40	63.5 PK	68.2	-4.7	1.09 V	35	49.9	13.6
5	11490.00	64.4 PK	74.0	-9.6	2.28 V	196	40.3	24.1
6	11490.00	50.6 AV	54.0	-3.4	2.28 V	196	26.5	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5610.40	62.8 PK	68.2	-5.4	1.00 H	38	50.1	12.7
2	*5785.00	113.7 PK			1.00 H	38	71.1	42.6
3	*5785.00	103.3 AV			1.00 H	38	60.7	42.6
4	#5996.80	64.3 PK	68.2	-3.9	1.00 H	38	50.5	13.8
5	11570.00	63.8 PK	74.0	-10.2	2.45 H	228	39.8	24.0
6	11570.00	50.0 AV	54.0	-4.0	2.45 H	228	26.0	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5623.20	62.5 PK	68.2	-5.7	1.10 V	36	49.8	12.7
2	*5785.00	114.4 PK			1.10 V	36	71.8	42.6
3	*5785.00	103.8 AV			1.10 V	36	61.2	42.6
4	#5958.40	62.9 PK	68.2	-5.3	1.10 V	36	49.3	13.6
5	11570.00	64.5 PK	74.0	-9.5	2.01 V	174	40.5	24.0
6	11570.00	50.7 AV	54.0	-3.3	2.01 V	174	26.7	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5624.00	63.0 PK	68.2	-5.2	1.00 H	44	50.3	12.7
2	*5825.00	113.6 PK			1.00 H	44	71.0	42.6
3	*5825.00	103.3 AV			1.00 H	44	60.7	42.6
4	#6000.00	64.2 PK	68.2	-4.0	1.00 H	44	50.4	13.8
5	11650.00	63.1 PK	74.0	-10.9	2.69 H	227	39.5	23.6
6	11650.00	49.5 AV	54.0	-4.5	2.69 H	227	25.9	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.80	63.1 PK	68.2	-5.1	1.00 V	28	50.4	12.7
2	*5825.00	114.1 PK			1.00 V	28	71.5	42.6
3	*5825.00	103.9 AV			1.00 V	28	61.3	42.6
4	#6000.00	62.9 PK	68.2	-5.3	1.00 V	28	49.1	13.8
5	11650.00	63.8 PK	74.0	-10.2	2.87 V	152	40.2	23.6
6	11650.00	50.0 AV	54.0	-4.0	2.87 V	152	26.4	23.6

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.

802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.0 PK	74.0	-5.0	1.05 H	336	56.4	12.6
2	5150.00	51.7 AV	54.0	-2.3	1.05 H	336	39.1	12.6
3	*5180.00	112.3 PK			1.09 H	337	70.8	41.5
4	*5180.00	100.1 AV			1.09 H	337	58.6	41.5
5	#10360.00	62.2 PK	68.2	-6.0	1.95 H	218	39.7	22.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	70.5 PK	74.0	-3.5	1.00 V	19	57.9	12.6
2	5150.00	53.0 AV	54.0	-1.0	1.00 V	19	40.4	12.6
3	*5180.00	113.1 PK			1.00 V	20	71.6	41.5
4	*5180.00	100.5 AV			1.00 V	20	59.0	41.5
5	#10360.00	63.2 PK	68.2	-5.0	2.94 V	185	40.7	22.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.3 PK	74.0	-6.7	1.09 H	335	54.7	12.6
2	5150.00	52.1 AV	54.0	-1.9	1.09 H	335	39.5	12.6
3	*5200.00	117.1 PK			1.00 H	340	75.6	41.5
4	*5200.00	106.4 AV			1.00 H	340	64.9	41.5
5	#10400.00	62.5 PK	68.2	-5.7	1.47 H	265	39.6	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.1 PK	74.0	-5.9	1.00 V	26	55.5	12.6
2	5150.00	52.8 AV	54.0	-1.2	1.00 V	26	40.2	12.6
3	*5200.00	117.8 PK			1.00 V	18	76.3	41.5
4	*5200.00	107.0 AV			1.00 V	18	65.5	41.5
5	#10400.00	63.5 PK	68.2	-4.7	2.14 V	185	40.6	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	114.3 PK			1.01 H	343	73.1	41.2
2	*5240.00	102.9 AV			1.01 H	343	61.7	41.2
3	5350.00	60.6 PK	74.0	-13.4	1.12 H	341	48.2	12.4
4	5350.00	47.7 AV	54.0	-6.3	1.12 H	341	35.3	12.4
5	#10480.00	62.0 PK	68.2	-6.2	1.62 H	244	39.2	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	115.2 PK			1.00 V	30	74.0	41.2
2	*5240.00	103.7 AV			1.00 V	30	62.5	41.2
3	5350.00	61.3 PK	74.0	-12.7	1.02 V	25	48.9	12.4
4	5350.00	48.1 AV	54.0	-5.9	1.02 V	25	35.7	12.4
5	#10480.00	63.4 PK	68.2	-4.8	2.25 V	142	40.6	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5628.80	62.7 PK	68.2	-5.5	1.00 H	45	50.0	12.7
2	*5745.00	113.2 PK			1.00 H	45	70.7	42.5
3	*5745.00	102.2 AV			1.00 H	45	59.7	42.5
4	#5948.00	63.5 PK	68.2	-4.7	1.00 H	45	49.9	13.6
5	11490.00	63.8 PK	74.0	-10.2	1.65 H	241	39.7	24.1
6	11490.00	49.9 AV	54.0	-4.1	1.65 H	241	25.8	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5612.00	62.9 PK	68.2	-5.3	1.00 V	39	50.2	12.7
2	*5745.00	114.0 PK			1.00 V	39	71.5	42.5
3	*5745.00	102.8 AV			1.00 V	39	60.3	42.5
4	#5951.20	63.1 PK	68.2	-5.1	1.00 V	39	49.5	13.6
5	11490.00	64.6 PK	74.0	-9.4	2.74 V	185	40.5	24.1
6	11490.00	50.8 AV	54.0	-3.2	2.74 V	185	26.7	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5629.60	62.6 PK	68.2	-5.6	1.00 H	42	49.9	12.7
2	*5785.00	114.6 PK			1.00 H	42	72.0	42.6
3	*5785.00	103.3 AV			1.00 H	42	60.7	42.6
4	#5998.40	63.0 PK	68.2	-5.2	1.00 H	42	49.2	13.8
5	11570.00	63.7 PK	74.0	-10.3	1.95 H	201	39.7	24.0
6	11570.00	50.1 AV	54.0	-3.9	1.95 H	201	26.1	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5612.80	62.6 PK	68.2	-5.6	1.00 V	37	49.9	12.7
2	*5785.00	115.3 PK			1.00 V	37	72.7	42.6
3	*5785.00	104.1 AV			1.00 V	37	61.5	42.6
4	#5997.60	63.5 PK	68.2	-4.7	1.00 V	37	49.7	13.8
5	11570.00	64.7 PK	74.0	-9.3	2.31 V	152	40.7	24.0
6	11570.00	50.6 AV	54.0	-3.4	2.31 V	152	26.6	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5628.00	62.7 PK	68.2	-5.5	1.00 H	37	50.0	12.7
2	*5825.00	113.0 PK			1.00 H	37	70.4	42.6
3	*5825.00	102.8 AV			1.00 H	37	60.2	42.6
4	#5982.40	62.4 PK	68.2	-5.8	1.00 H	37	48.6	13.8
5	11650.00	62.9 PK	74.0	-11.1	1.45 H	281	39.3	23.6
6	11650.00	49.5 AV	54.0	-4.5	1.45 H	281	25.9	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5623.20	63.3 PK	68.2	-4.9	1.00 V	34	50.6	12.7
2	*5825.00	113.9 PK			1.00 V	34	71.3	42.6
3	*5825.00	103.6 AV			1.00 V	34	61.0	42.6
4	#5990.40	63.5 PK	68.2	-4.7	1.00 V	34	49.7	13.8
5	11650.00	64.1 PK	74.0	-9.9	1.96 V	236	40.5	23.6
6	11650.00	49.7 AV	54.0	-4.3	1.96 V	236	26.1	23.6

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.

802.11ax (HE40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.6 PK	74.0	-5.4	1.05 H	346	56.0	12.6
2	5150.00	51.8 AV	54.0	-2.2	1.05 H	346	39.2	12.6
3	*5190.00	106.9 PK			1.01 H	333	65.4	41.5
4	*5190.00	94.9 AV			1.01 H	333	53.4	41.5
5	#10380.00	62.3 PK	68.2	-5.9	1.58 H	196	39.6	22.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.5 PK	74.0	-4.5	1.00 V	17	56.9	12.6
2	5150.00	52.6 AV	54.0	-1.4	1.00 V	17	40.0	12.6
3	*5190.00	107.8 PK			1.02 V	21	66.3	41.5
4	*5190.00	95.7 AV			1.02 V	21	54.2	41.5
5	#10380.00	63.2 PK	68.2	-5.0	2.25 V	169	40.5	22.7

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	65.2 PK	74.0	-8.8	1.01 H	340	52.6	12.6
2	5150.00	51.6 AV	54.0	-2.4	1.01 H	340	39.0	12.6
3	*5230.00	110.2 PK			1.00 H	346	68.9	41.3
4	*5230.00	98.4 AV			1.00 H	346	57.1	41.3
5	5350.00	60.3 PK	74.0	-13.7	1.08 H	330	47.9	12.4
6	5350.00	47.5 AV	54.0	-6.5	1.08 H	330	35.1	12.4
7	#10460.00	62.6 PK	68.2	-5.6	1.69 H	177	39.7	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	65.8 PK	74.0	-8.2	1.00 V	22	53.2	12.6
2	5150.00	52.5 AV	54.0	-1.5	1.00 V	22	39.9	12.6
3	*5230.00	111.1 PK			1.00 V	21	69.8	41.3
4	*5230.00	99.3 AV			1.00 V	21	58.0	41.3
5	5350.00	60.8 PK	74.0	-13.2	1.03 V	25	48.4	12.4
6	5350.00	48.0 AV	54.0	-6.0	1.03 V	25	35.6	12.4
7	#10460.00	63.5 PK	68.2	-4.7	1.98 V	203	40.6	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5607.20	64.3 PK	68.2	-3.9	1.00 H	39	51.6	12.7
2	*5755.00	111.7 PK			1.00 H	39	69.2	42.5
3	*5755.00	101.1 AV			1.00 H	39	58.6	42.5
4	#5986.40	63.2 PK	68.2	-5.0	1.00 H	39	49.4	13.8
5	11510.00	63.4 PK	74.0	-10.6	1.98 H	246	39.5	23.9
6	11510.00	49.8 AV	54.0	-4.2	1.98 H	246	25.9	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5649.60	64.2 PK	68.2	-4.0	1.15 V	40	51.6	12.6
2	*5755.00	112.6 PK			1.15 V	40	70.1	42.5
3	*5755.00	101.7 AV			1.15 V	40	59.2	42.5
4	#5983.20	63.6 PK	68.2	-4.6	1.15 V	40	49.8	13.8
5	11510.00	64.5 PK	74.0	-9.5	1.53 V	278	40.6	23.9
6	11510.00	50.2 AV	54.0	-3.8	1.53 V	278	26.3	23.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5647.20	63.2 PK	68.2	-5.0	1.00 H	41	50.6	12.6
2	*5795.00	111.8 PK			1.02 H	41	69.2	42.6
3	*5795.00	101.6 AV			1.02 H	41	59.0	42.6
4	#5935.20	65.3 PK	68.2	-2.9	1.00 H	41	51.7	13.6
5	11590.00	63.5 PK	74.0	-10.5	1.63 H	132	39.7	23.8
6	11590.00	49.6 AV	54.0	-4.4	1.63 H	132	25.8	23.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.80	62.9 PK	68.2	-5.3	1.00 V	30	50.3	12.6
2	*5795.00	112.9 PK			1.00 V	30	70.3	42.6
3	*5795.00	102.4 AV			1.00 V	30	59.8	42.6
4	#5937.60	64.4 PK	68.2	-3.8	1.00 V	30	50.8	13.6
5	11590.00	64.5 PK	74.0	-9.5	3.15 V	175	40.7	23.8
6	11590.00	50.3 AV	54.0	-3.7	3.15 V	175	26.5	23.8

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.

802.11ax (HE80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.4 PK	74.0	-6.6	1.03 H	347	54.8	12.6
2	5150.00	51.8 AV	54.0	-2.2	1.03 H	347	39.2	12.6
3	*5210.00	104.8 PK			1.07 H	338	63.4	41.4
4	*5210.00	93.0 AV			1.07 H	338	51.6	41.4
5	5350.00	60.3 PK	74.0	-13.7	1.02 H	340	47.9	12.4
6	5350.00	47.2 AV	54.0	-6.8	1.02 H	340	34.8	12.4
7	#10420.00	62.3 PK	68.2	-5.9	1.78 H	163	39.5	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.2 PK	74.0	-5.8	1.00 V	17	55.6	12.6
2	5150.00	52.7 AV	54.0	-1.3	1.00 V	17	40.1	12.6
3	*5210.00	105.5 PK			1.01 V	27	64.1	41.4
4	*5210.00	93.7 AV			1.01 V	27	52.3	41.4
5	5350.00	60.9 PK	74.0	-13.1	1.01 V	25	48.5	12.4
6	5350.00	48.0 AV	54.0	-6.0	1.01 V	25	35.6	12.4
7	#10420.00	63.3 PK	68.2	-4.9	1.88 V	269	40.5	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5634.40	65.8 PK	68.2	-2.4	1.00 H	45	53.1	12.7
2	*5775.00	108.3 PK			1.00 H	45	65.7	42.6
3	*5775.00	96.0 AV			1.00 H	45	53.4	42.6
4	#5944.00	66.2 PK	68.2	-2.0	1.00 H	45	52.6	13.6
5	11550.00	63.5 PK	74.0	-10.5	1.69 H	201	39.6	23.9
6	11550.00	49.8 AV	54.0	-4.2	1.69 H	201	25.9	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.00	67.1 PK	68.2	-1.1	1.00 V	37	54.5	12.6
2	*5775.00	108.9 PK			1.00 V	37	66.3	42.6
3	*5775.00	96.7 AV			1.00 V	37	54.1	42.6
4	#5939.20	66.6 PK	68.2	-1.6	1.00 V	37	53.0	13.6
5	11550.00	64.1 PK	74.0	-9.9	1.62 V	331	40.2	23.9
6	11550.00	50.3 AV	54.0	-3.7	1.62 V	331	26.4	23.9

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.

3TX

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.4 PK	74.0	-4.6	1.08 H	341	56.8	12.6
2	5150.00	52.5 AV	54.0	-1.5	1.08 H	341	39.9	12.6
3	*5180.00	113.3 PK			1.04 H	334	71.8	41.5
4	*5180.00	103.8 AV			1.04 H	334	62.3	41.5
5	#10360.00	62.5 PK	68.2	-5.7	3.14 H	112	40.0	22.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.9 PK	74.0	-4.1	3.13 V	20	57.3	12.6
2	5150.00	52.8 AV	54.0	-1.2	3.13 V	20	40.2	12.6
3	*5180.00	114.0 PK			1.00 V	9	72.5	41.5
4	*5180.00	104.5 AV			1.00 V	9	63.0	41.5
5	#10360.00	63.0 PK	68.2	-5.2	1.72 V	341	40.5	22.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.2 PK	74.0	-4.8	1.00 H	321	56.6	12.6
2	5150.00	52.3 AV	54.0	-1.7	1.00 H	321	39.7	12.6
3	*5200.00	118.2 PK			1.05 H	336	76.7	41.5
4	*5200.00	107.8 AV			1.05 H	336	66.3	41.5
5	#10400.00	63.0 PK	68.2	-5.2	1.62 H	225	40.1	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.9 PK	74.0	-4.1	1.30 V	13	57.3	12.6
2	5150.00	52.7 AV	54.0	-1.3	1.30 V	13	40.1	12.6
3	*5200.00	118.8 PK			1.04 V	8	77.3	41.5
4	*5200.00	108.5 AV			1.04 V	8	67.0	41.5
5	#10400.00	63.4 PK	68.2	-4.8	2.05 V	184	40.5	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	119.2 PK			1.05 H	331	78.0	41.2
2	*5240.00	108.7 AV			1.05 H	331	67.5	41.2
3	5350.00	64.5 PK	74.0	-9.5	1.08 H	325	52.1	12.4
4	5350.00	49.4 AV	54.0	-4.6	1.08 H	325	37.0	12.4
5	#10480.00	62.6 PK	68.2	-5.6	1.15 H	254	39.8	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	119.9 PK			1.12 V	10	78.7	41.2
2	*5240.00	109.4 AV			1.12 V	10	68.2	41.2
3	5350.00	65.3 PK	74.0	-8.7	1.04 V	15	52.9	12.4
4	5350.00	49.5 AV	54.0	-4.5	1.04 V	15	37.1	12.4
5	#10480.00	63.4 PK	68.2	-4.8	2.14 V	183	40.6	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5616.00	63.1 PK	68.2	-5.1	1.00 H	41	50.4	12.7
2	*5745.00	115.9 PK			1.00 H	41	73.4	42.5
3	*5745.00	105.8 AV			1.00 H	41	63.3	42.5
4	#5942.40	63.4 PK	68.2	-4.8	1.00 H	41	49.8	13.6
5	11490.00	64.3 PK	74.0	-9.7	2.25 H	182	40.2	24.1
6	11490.00	50.0 AV	54.0	-4.0	2.25 H	182	25.9	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5624.00	65.4 PK	68.2	-2.8	1.00 V	26	52.7	12.7
2	*5745.00	116.1 PK			1.00 V	26	73.6	42.5
3	*5745.00	106.6 AV			1.00 V	26	64.1	42.5
4	#5957.60	63.2 PK	68.2	-5.0	1.00 V	26	49.6	13.6
5	11490.00	64.7 PK	74.0	-9.3	1.38 V	201	40.6	24.1
6	11490.00	50.6 AV	54.0	-3.4	1.38 V	201	26.5	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5628.00	62.6 PK	68.2	-5.6	1.00 H	43	49.9	12.7
2	*5785.00	117.2 PK			1.00 H	43	74.6	42.6
3	*5785.00	107.0 AV			1.00 H	43	64.4	42.6
4	#5926.40	63.1 PK	68.2	-5.1	1.00 H	43	49.5	13.6
5	11570.00	64.4 PK	74.0	-9.6	2.25 H	196	40.4	24.0
6	11570.00	50.1 AV	54.0	-3.9	2.25 H	196	26.1	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5635.20	62.8 PK	68.2	-5.4	1.00 V	30	50.1	12.7
2	*5785.00	116.7 PK			1.00 V	30	74.1	42.6
3	*5785.00	106.8 AV			1.00 V	30	64.2	42.6
4	#5961.60	63.2 PK	68.2	-5.0	1.00 V	30	49.5	13.7
5	11570.00	64.5 PK	74.0	-9.5	1.98 V	224	40.5	24.0
6	11570.00	50.4 AV	54.0	-3.6	1.98 V	224	26.4	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5601.60	62.1 PK	68.2	-6.1	1.00 H	44	49.5	12.6
2	*5825.00	116.1 PK			1.00 H	44	73.5	42.6
3	*5825.00	106.0 AV			1.00 H	44	63.4	42.6
4	#5964.80	64.7 PK	68.2	-3.5	1.00 H	44	51.0	13.7
5	11650.00	63.6 PK	74.0	-10.4	1.68 H	273	40.0	23.6
6	11650.00	49.7 AV	54.0	-4.3	1.68 H	273	26.1	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5602.40	63.0 PK	68.2	-5.2	1.00 V	31	50.4	12.6
2	*5825.00	116.2 PK			1.00 V	31	73.6	42.6
3	*5825.00	106.4 AV			1.00 V	31	63.8	42.6
4	#5964.00	64.1 PK	68.2	-4.1	1.00 V	31	50.4	13.7
5	11650.00	64.1 PK	74.0	-9.9	1.57 V	210	40.5	23.6
6	11650.00	50.0 AV	54.0	-4.0	1.57 V	210	26.4	23.6

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.

802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	71.2 PK	74.0	-2.8	1.17 H	314	58.6	12.6
2	5150.00	52.5 AV	54.0	-1.5	1.17 H	314	39.9	12.6
3	*5180.00	114.3 PK			1.08 H	341	72.8	41.5
4	*5180.00	101.1 AV			1.08 H	341	59.6	41.5
5	#10360.00	62.4 PK	68.2	-5.8	1.62 H	214	39.9	22.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	72.0 PK	74.0	-2.0	1.13 V	7	59.4	12.6
2	5150.00	52.8 AV	54.0	-1.2	1.13 V	7	40.2	12.6
3	*5180.00	114.8 PK			1.18 V	8	73.3	41.5
4	*5180.00	101.9 AV			1.18 V	8	60.4	41.5
5	#10360.00	62.7 PK	68.2	-5.5	2.16 V	225	40.2	22.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.1 PK	74.0	-7.9	1.09 H	336	53.5	12.6
2	5150.00	52.3 AV	54.0	-1.7	1.09 H	336	39.7	12.6
3	*5200.00	117.6 PK			1.10 H	327	76.1	41.5
4	*5200.00	106.0 AV			1.10 H	327	64.5	41.5
5	#10400.00	62.6 PK	68.2	-5.6	2.99 H	174	39.7	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.8 PK	74.0	-7.2	1.14 V	9	54.2	12.6
2	5150.00	52.6 AV	54.0	-1.4	1.14 V	9	40.0	12.6
3	*5200.00	118.3 PK			1.02 V	9	76.8	41.5
4	*5200.00	106.7 AV			1.02 V	9	65.2	41.5
5	#10400.00	63.0 PK	68.2	-5.2	1.65 V	207	40.1	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	117.5 PK			1.12 H	336	76.3	41.2
2	*5240.00	106.3 AV			1.12 H	336	65.1	41.2
3	5350.00	60.8 PK	74.0	-13.2	1.01 H	330	48.4	12.4
4	5350.00	48.0 AV	54.0	-6.0	1.01 H	330	35.6	12.4
5	#10480.00	62.7 PK	68.2	-5.5	2.64 H	195	39.9	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	118.4 PK			1.00 V	9	77.2	41.2
2	*5240.00	107.0 AV			1.00 V	9	65.8	41.2
3	5350.00	61.1 PK	74.0	-12.9	1.05 V	14	48.7	12.4
4	5350.00	48.3 AV	54.0	-5.7	1.05 V	14	35.9	12.4
5	#10480.00	63.5 PK	68.2	-4.7	2.10 V	164	40.7	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5636.00	63.1 PK	68.2	-5.1	1.00 H	37	50.4	12.7
2	*5745.00	115.6 PK			1.00 H	37	73.1	42.5
3	*5745.00	103.9 AV			1.00 H	37	61.4	42.5
4	#5981.60	63.8 PK	68.2	-4.4	1.00 H	37	50.0	13.8
5	11490.00	64.1 PK	74.0	-9.9	1.68 H	222	40.0	24.1
6	11490.00	49.9 AV	54.0	-4.1	1.68 H	222	25.8	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5628.80	62.5 PK	68.2	-5.7	1.00 V	32	49.8	12.7
2	*5745.00	116.1 PK			1.00 V	32	73.6	42.5
3	*5745.00	104.9 AV			1.00 V	32	62.4	42.5
4	#5992.80	63.6 PK	68.2	-4.6	1.00 V	32	49.8	13.8
5	11490.00	64.3 PK	74.0	-9.7	1.99 V	246	40.2	24.1
6	11490.00	50.6 AV	54.0	-3.4	1.99 V	246	26.5	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5637.60	63.7 PK	68.2	-4.5	1.00 H	35	51.0	12.7
2	*5785.00	117.4 PK			1.00 H	35	74.8	42.6
3	*5785.00	105.8 AV			1.00 H	35	63.2	42.6
4	#5960.00	63.3 PK	68.2	-4.9	1.00 H	35	49.6	13.7
5	11570.00	63.7 PK	74.0	-10.3	1.63 H	225	39.7	24.0
6	11570.00	50.0 AV	54.0	-4.0	1.63 H	225	26.0	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5633.60	62.4 PK	68.2	-5.8	1.00 V	36	49.7	12.7
2	*5785.00	118.0 PK			1.00 V	36	75.4	42.6
3	*5785.00	106.2 AV			1.00 V	36	63.6	42.6
4	#5928.80	63.1 PK	68.2	-5.1	1.00 V	36	49.5	13.6
5	11570.00	64.4 PK	74.0	-9.6	1.63 V	289	40.4	24.0
6	11570.00	50.1 AV	54.0	-3.9	1.63 V	289	26.1	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.40	62.6 PK	68.2	-5.6	1.00 H	40	50.0	12.6
2	*5825.00	115.4 PK			1.00 H	40	72.8	42.6
3	*5825.00	103.8 AV			1.00 H	40	61.2	42.6
4	#5948.00	63.2 PK	68.2	-5.0	1.00 H	40	49.6	13.6
5	11650.00	63.3 PK	74.0	-10.7	1.95 H	102	39.7	23.6
6	11650.00	49.4 AV	54.0	-4.6	1.95 H	102	25.8	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5614.40	62.5 PK	68.2	-5.7	1.00 V	38	49.8	12.7
2	*5825.00	116.0 PK			1.00 V	38	73.4	42.6
3	*5825.00	104.3 AV			1.00 V	38	61.7	42.6
4	#5959.20	62.7 PK	68.2	-5.5	1.00 V	38	49.1	13.6
5	11650.00	64.1 PK	74.0	-9.9	1.72 V	270	40.5	23.6
6	11650.00	49.9 AV	54.0	-4.1	1.72 V	270	26.3	23.6

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.

802.11ax (HE40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	72.3 PK	74.0	-1.7	1.04 H	334	59.7	12.6
2	5150.00	52.6 AV	54.0	-1.4	1.04 H	334	40.0	12.6
3	*5190.00	107.7 PK			1.09 H	340	66.2	41.5
4	*5190.00	96.8 AV			1.09 H	340	55.3	41.5
5	#10380.00	62.8 PK	68.2	-5.4	1.95 H	284	40.1	22.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	72.9 PK	74.0	-1.1	1.10 V	2	60.3	12.6
2	5150.00	53.0 AV	54.0	-1.0	1.10 V	2	40.4	12.6
3	*5190.00	108.4 PK			1.10 V	1	66.9	41.5
4	*5190.00	97.5 AV			1.10 V	1	56.0	41.5
5	#10380.00	63.2 PK	68.2	-5.0	2.29 V	176	40.5	22.7

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.1 PK	74.0	-6.9	1.15 H	327	54.5	12.6
2	5150.00	52.6 AV	54.0	-1.4	1.15 H	327	40.0	12.6
3	*5230.00	113.3 PK			1.13 H	326	72.0	41.3
4	*5230.00	101.4 AV			1.13 H	326	60.1	41.3
5	5350.00	60.5 PK	74.0	-13.5	1.01 H	331	48.1	12.4
6	5350.00	47.3 AV	54.0	-6.7	1.01 H	331	34.9	12.4
7	#10460.00	62.6 PK	68.2	-5.6	2.68 H	115	39.7	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.5 PK	74.0	-6.5	1.00 V	359	54.9	12.6
2	5150.00	52.9 AV	54.0	-1.1	1.00 V	359	40.3	12.6
3	*5230.00	113.9 PK			1.01 V	9	72.6	41.3
4	*5230.00	102.0 AV			1.01 V	9	60.7	41.3
5	5350.00	61.0 PK	74.0	-13.0	1.05 V	12	48.6	12.4
6	5350.00	47.8 AV	54.0	-6.2	1.05 V	12	35.4	12.4
7	#10460.00	63.4 PK	68.2	-4.8	1.69 V	278	40.5	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5649.60	65.9 PK	68.2	-2.3	1.00 H	36	53.3	12.6
2	*5755.00	114.0 PK			1.00 H	36	71.5	42.5
3	*5755.00	102.0 AV			1.00 H	36	59.5	42.5
4	#5962.40	62.2 PK	68.2	-6.0	1.00 H	36	48.5	13.7
5	11510.00	63.5 PK	74.0	-10.5	2.91 H	150	39.6	23.9
6	11510.00	49.8 AV	54.0	-4.2	2.91 H	150	25.9	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.80	65.1 PK	68.2	-3.1	2.61 V	36	52.4	12.7
2	*5755.00	114.5 PK			2.61 V	36	72.0	42.5
3	*5755.00	102.4 AV			2.61 V	36	59.9	42.5
4	#5963.20	63.7 PK	68.2	-4.5	2.61 V	36	50.0	13.7
5	11510.00	64.3 PK	74.0	-9.7	1.69 V	225	40.4	23.9
6	11510.00	50.2 AV	54.0	-3.8	1.69 V	225	26.3	23.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5638.40	63.1 PK	68.2	-5.1	1.00 H	36	50.4	12.7
2	*5795.00	115.1 PK			1.00 H	36	72.5	42.6
3	*5795.00	101.5 AV			1.00 H	36	58.9	42.6
4	#5924.80	67.2 PK	68.3	-1.1	1.00 H	36	53.6	13.6
5	11590.00	63.2 PK	74.0	-10.8	1.97 H	236	39.4	23.8
6	11590.00	49.9 AV	54.0	-4.1	1.97 H	236	26.1	23.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5616.00	63.1 PK	68.2	-5.1	2.61 V	48	50.4	12.7
2	*5795.00	115.7 PK			2.61 V	48	73.1	42.6
3	*5795.00	104.0 AV			2.61 V	48	61.4	42.6
4	#5924.00	65.2 PK	68.9	-3.7	2.61 V	48	51.6	13.6
5	11590.00	64.2 PK	74.0	-9.8	1.62 V	245	40.4	23.8
6	11590.00	50.3 AV	54.0	-3.7	1.62 V	245	26.5	23.8

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.

802.11ax (HE80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	71.0 PK	74.0	-3.0	1.10 H	345	58.4	12.6
2	5150.00	52.6 AV	54.0	-1.4	1.10 H	345	40.0	12.6
3	*5210.00	106.9 PK			1.05 H	336	65.5	41.4
4	*5210.00	94.2 AV			1.05 H	336	52.8	41.4
5	5350.00	60.5 PK	74.0	-13.5	1.07 H	336	48.1	12.4
6	5350.00	47.4 AV	54.0	-6.6	1.07 H	336	35.0	12.4
7	#10420.00	62.6 PK	68.2	-5.6	2.36 H	225	39.8	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	71.7 PK	74.0	-2.3	1.00 V	3	59.1	12.6
2	5150.00	53.0 AV	54.0	-1.0	1.00 V	3	40.4	12.6
3	*5210.00	107.5 PK			1.04 V	5	66.1	41.4
4	*5210.00	94.7 AV			1.04 V	5	53.3	41.4
5	5350.00	61.0 PK	74.0	-13.0	1.02 V	10	48.6	12.4
6	5350.00	48.0 AV	54.0	-6.0	1.02 V	10	35.6	12.4
7	#10420.00	63.1 PK	68.2	-5.1	1.62 V	241	40.3	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5649.60	66.4 PK	68.2	-1.8	1.00 H	40	53.8	12.6
2	*5775.00	109.7 PK			1.00 H	40	67.1	42.6
3	*5775.00	97.2 AV			1.00 H	40	54.6	42.6
4	#5945.60	66.9 PK	68.2	-1.3	1.00 H	40	53.3	13.6
5	11550.00	63.4 PK	74.0	-10.6	2.90 H	185	39.5	23.9
6	11550.00	50.0 AV	54.0	-4.0	2.90 H	185	26.1	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.00	67.2 PK	68.2	-1.0	2.64 V	38	54.5	12.7
2	*5775.00	110.3 PK			2.64 V	38	67.7	42.6
3	*5775.00	97.8 AV			2.64 V	38	55.2	42.6
4	#5940.00	67.1 PK	68.2	-1.1	2.64 V	38	53.5	13.6
5	11550.00	64.2 PK	74.0	-9.8	1.78 V	259	40.3	23.9
6	11550.00	50.7 AV	54.0	-3.3	1.78 V	259	26.8	23.9

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.

4TX

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	70.7 PK	74.0	-3.3	1.00 H	339	58.1	12.6
2	5150.00	52.6 AV	54.0	-1.4	1.00 H	339	40.0	12.6
3	*5180.00	111.7 PK			1.09 H	335	70.2	41.5
4	*5180.00	102.7 AV			1.09 H	335	61.2	41.5
5	#10360.00	62.3 PK	68.2	-5.9	2.99 H	263	39.8	22.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	71.3 PK	74.0	-2.7	2.20 V	24	58.7	12.6
2	5150.00	52.9 AV	54.0	-1.1	2.20 V	24	40.3	12.6
3	*5180.00	112.4 PK			1.09 V	40	70.9	41.5
4	*5180.00	103.4 AV			1.09 V	40	61.9	41.5
5	#10360.00	62.6 PK	68.2	-5.6	2.07 V	141	40.1	22.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	70.0 PK	74.0	-4.0	1.52 H	349	57.4	12.6
2	5150.00	52.8 AV	54.0	-1.2	1.52 H	349	40.2	12.6
3	*5200.00	117.3 PK			2.11 H	342	75.8	41.5
4	*5200.00	107.2 AV			2.11 H	342	65.7	41.5
5	#10400.00	62.4 PK	68.2	-5.8	2.96 H	233	39.5	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	70.2 PK	74.0	-3.8	1.05 V	20	57.6	12.6
2	5150.00	53.1 AV	54.0	-0.9	1.05 V	20	40.5	12.6
3	*5200.00	117.9 PK			2.62 V	24	76.4	41.5
4	*5200.00	107.9 AV			2.62 V	24	66.4	41.5
5	#10400.00	62.7 PK	68.2	-5.5	1.32 V	136	39.8	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	117.0 PK			1.00 H	336	75.8	41.2
2	*5240.00	106.9 AV			1.00 H	336	65.7	41.2
3	5350.00	61.5 PK	74.0	-12.5	1.09 H	315	49.1	12.4
4	5350.00	47.2 AV	54.0	-6.8	1.09 H	315	34.8	12.4
5	#10480.00	62.7 PK	68.2	-5.5	2.09 H	263	39.9	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	117.6 PK			1.00 V	29	76.4	41.2
2	*5240.00	107.5 AV			1.00 V	29	66.3	41.2
3	5350.00	61.9 PK	74.0	-12.1	1.01 V	29	49.5	12.4
4	5350.00	47.4 AV	54.0	-6.6	1.01 V	29	35.0	12.4
5	#10480.00	63.0 PK	68.2	-5.2	1.36 V	102	40.2	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.40	63.0 PK	68.2	-5.2	1.00 H	44	50.4	12.6
2	*5745.00	116.0 PK			1.00 H	44	73.5	42.5
3	*5745.00	106.3 AV			1.00 H	44	63.8	42.5
4	#5972.80	63.7 PK	68.2	-4.5	1.00 H	44	50.0	13.7
5	11490.00	63.6 PK	74.0	-10.4	2.96 H	200	39.5	24.1
6	11490.00	51.2 AV	54.0	-2.8	2.96 H	200	27.1	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5615.20	62.5 PK	68.2	-5.7	1.00 V	6	49.8	12.7
2	*5745.00	115.0 PK			1.00 V	6	72.5	42.5
3	*5745.00	105.3 AV			1.00 V	6	62.8	42.5
4	#5992.00	62.7 PK	68.2	-5.5	1.00 V	6	48.9	13.8
5	11490.00	63.3 PK	74.0	-10.7	3.11 V	326	39.2	24.1
6	11490.00	51.1 AV	54.0	-2.9	3.11 V	326	27.0	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5619.20	63.5 PK	68.2	-4.7	1.05 H	42	50.8	12.7
2	*5785.00	117.0 PK			1.05 H	42	74.4	42.6
3	*5785.00	107.3 AV			1.05 H	42	64.7	42.6
4	#5968.00	64.5 PK	68.2	-3.7	1.05 H	42	50.8	13.7
5	11570.00	63.9 PK	74.0	-10.1	3.11 H	163	39.9	24.0
6	11570.00	51.2 AV	54.0	-2.8	3.11 H	163	27.2	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5609.60	62.9 PK	68.2	-5.3	1.01 V	7	50.2	12.7
2	*5785.00	116.0 PK			1.01 V	7	73.4	42.6
3	*5785.00	106.3 AV			1.01 V	7	63.7	42.6
4	#5951.20	63.7 PK	68.2	-4.5	1.01 V	7	50.1	13.6
5	11570.00	63.6 PK	74.0	-10.4	2.63 V	326	39.6	24.0
6	11570.00	50.9 AV	54.0	-3.1	2.63 V	326	26.9	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5613.60	64.3 PK	68.2	-3.9	1.00 H	46	51.6	12.7
2	*5825.00	116.3 PK			1.00 H	46	73.7	42.6
3	*5825.00	106.4 AV			1.00 H	46	63.8	42.6
4	#5944.00	64.2 PK	68.2	-4.0	1.00 H	46	50.6	13.6
5	11650.00	63.6 PK	74.0	-10.4	3.33 H	336	40.0	23.6
6	11650.00	50.8 AV	54.0	-3.2	3.33 H	336	27.2	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5607.20	63.9 PK	68.2	-4.3	1.00 V	11	51.2	12.7
2	*5825.00	115.3 PK			1.00 V	11	72.7	42.6
3	*5825.00	105.4 AV			1.00 V	11	62.8	42.6
4	#5964.80	63.5 PK	68.2	-4.7	1.00 V	11	49.8	13.7
5	11650.00	63.5 PK	74.0	-10.5	3.00 V	322	39.9	23.6
6	11650.00	50.6 AV	54.0	-3.4	3.00 V	322	27.0	23.6

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.

802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.8 PK	74.0	-5.2	1.00 H	340	56.2	12.6
2	5150.00	52.5 AV	54.0	-1.5	1.00 H	340	39.9	12.6
3	*5180.00	112.8 PK			1.00 H	349	71.3	41.5
4	*5180.00	100.8 AV			1.00 H	349	59.3	41.5
5	#10360.00	62.0 PK	68.2	-6.2	2.66 H	233	39.5	22.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.1 PK	74.0	-4.9	1.09 V	26	56.5	12.6
2	5150.00	52.9 AV	54.0	-1.1	1.09 V	26	40.3	12.6
3	*5180.00	113.4 PK			1.05 V	23	71.9	41.5
4	*5180.00	101.4 AV			1.05 V	23	59.9	41.5
5	#10360.00	62.6 PK	68.2	-5.6	2.33 V	216	40.1	22.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.8 PK	74.0	-6.2	1.03 H	346	55.2	12.6
2	5150.00	53.0 AV	54.0	-1.0	1.03 H	346	40.4	12.6
3	*5200.00	116.8 PK			1.03 H	341	75.3	41.5
4	*5200.00	105.2 AV			1.03 H	341	63.7	41.5
5	#10400.00	62.9 PK	68.2	-5.3	3.15 H	299	40.0	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.1 PK	74.0	-5.9	1.06 V	31	55.5	12.6
2	5150.00	53.2 AV	54.0	-0.8	1.06 V	31	40.6	12.6
3	*5200.00	117.4 PK			1.09 V	32	75.9	41.5
4	*5200.00	106.0 AV			1.09 V	32	64.5	41.5
5	#10400.00	63.1 PK	68.2	-5.1	1.31 V	133	40.2	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	118.0 PK			1.01 H	335	76.8	41.2
2	*5240.00	106.1 AV			1.01 H	335	64.9	41.2
3	5350.00	61.1 PK	74.0	-12.9	1.09 H	335	48.7	12.4
4	5350.00	47.9 AV	54.0	-6.1	1.09 H	335	35.5	12.4
5	#10480.00	62.4 PK	68.2	-5.8	2.33 H	322	39.6	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	118.6 PK			1.09 V	33	77.4	41.2
2	*5240.00	106.6 AV			1.09 V	33	65.4	41.2
3	5350.00	61.3 PK	74.0	-12.7	1.06 V	36	48.9	12.4
4	5350.00	48.1 AV	54.0	-5.9	1.06 V	36	35.7	12.4
5	#10480.00	62.7 PK	68.2	-5.5	2.33 V	233	39.9	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5616.00	64.2 PK	68.2	-4.0	1.00 H	44	51.5	12.7
2	*5745.00	116.4 PK			1.00 H	44	73.9	42.5
3	*5745.00	105.1 AV			1.00 H	44	62.6	42.5
4	#5968.80	65.0 PK	68.2	-3.2	1.00 H	44	51.3	13.7
5	11490.00	64.0 PK	74.0	-10.0	2.36 H	326	39.9	24.1
6	11490.00	51.2 AV	54.0	-2.8	2.36 H	326	27.1	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5611.20	63.5 PK	68.2	-4.7	1.00 V	22	50.8	12.7
2	*5745.00	115.4 PK			1.00 V	22	72.9	42.5
3	*5745.00	104.1 AV			1.00 V	22	61.6	42.5
4	#5991.20	63.2 PK	68.2	-5.0	1.00 V	22	49.4	13.8
5	11490.00	63.8 PK	74.0	-10.2	3.26 V	233	39.7	24.1
6	11490.00	51.0 AV	54.0	-3.0	3.26 V	233	26.9	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5612.00	62.5 PK	68.2	-5.7	1.05 H	49	49.8	12.7
2	*5785.00	117.9 PK			1.05 H	49	75.3	42.6
3	*5785.00	105.9 AV			1.05 H	49	63.3	42.6
4	#5996.80	65.1 PK	68.2	-3.1	1.05 H	49	51.3	13.8
5	11570.00	63.9 PK	74.0	-10.1	2.63 H	230	39.9	24.0
6	11570.00	51.2 AV	54.0	-2.8	2.63 H	230	27.2	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5639.20	63.3 PK	68.2	-4.9	1.00 V	25	50.6	12.7
2	*5785.00	116.9 PK			1.00 V	25	74.3	42.6
3	*5785.00	104.9 AV			1.00 V	25	62.3	42.6
4	#5970.40	64.4 PK	68.2	-3.8	1.00 V	25	50.7	13.7
5	11570.00	63.6 PK	74.0	-10.4	2.63 V	231	39.6	24.0
6	11570.00	50.8 AV	54.0	-3.2	2.63 V	231	26.8	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5609.60	62.5 PK	68.2	-5.7	1.12 H	44	49.8	12.7
2	*5825.00	118.1 PK			1.12 H	44	75.5	42.6
3	*5825.00	104.8 AV			1.12 H	44	62.2	42.6
4	#5934.40	63.8 PK	68.2	-4.4	1.12 H	44	50.2	13.6
5	11650.00	63.5 PK	74.0	-10.5	2.66 H	326	39.9	23.6
6	11650.00	50.8 AV	54.0	-3.2	2.66 H	326	27.2	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5620.00	63.3 PK	68.2	-4.9	1.05 V	11	50.6	12.7
2	*5825.00	117.1 PK			1.05 V	11	74.5	42.6
3	*5825.00	103.8 AV			1.05 V	11	61.2	42.6
4	#5978.40	63.8 PK	68.2	-4.4	1.05 V	11	50.0	13.8
5	11650.00	63.3 PK	74.0	-10.7	2.06 V	322	39.7	23.6
6	11650.00	50.7 AV	54.0	-3.3	2.06 V	322	27.1	23.6

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.

802.11ax (HE40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	71.6 PK	74.0	-2.4	1.00 H	344	59.0	12.6
2	5150.00	52.5 AV	54.0	-1.5	1.00 H	344	39.9	12.6
3	*5190.00	109.5 PK			1.05 H	349	68.0	41.5
4	*5190.00	97.5 AV			1.05 H	349	56.0	41.5
5	#10380.00	62.2 PK	68.2	-6.0	2.11 H	152	39.5	22.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	71.3 PK	74.0	-2.7	1.05 V	29	58.7	12.6
2	5150.00	52.9 AV	54.0	-1.1	1.05 V	29	40.3	12.6
3	*5190.00	110.3 PK			1.00 V	24	68.8	41.5
4	*5190.00	98.3 AV			1.00 V	24	56.8	41.5
5	#10380.00	62.0 PK	68.2	-6.2	3.06 V	311	39.3	22.7

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.8 PK	74.0	-7.2	1.05 H	335	54.2	12.6
2	5150.00	52.7 AV	54.0	-1.3	1.05 H	335	40.1	12.6
3	*5230.00	112.7 PK			1.03 H	335	71.4	41.3
4	*5230.00	100.8 AV			1.03 H	335	59.5	41.3
5	5350.00	60.8 PK	74.0	-13.2	1.20 H	341	48.4	12.4
6	5350.00	47.3 AV	54.0	-6.7	1.20 H	341	34.9	12.4
7	#10460.00	62.6 PK	68.2	-5.6	2.30 H	233	39.7	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.2 PK	74.0	-6.8	1.04 V	30	54.6	12.6
2	5150.00	53.1 AV	54.0	-0.9	1.04 V	30	40.5	12.6
3	*5230.00	113.4 PK			1.05 V	26	72.1	41.3
4	*5230.00	101.5 AV			1.05 V	26	60.2	41.3
5	5350.00	60.9 PK	74.0	-13.1	1.15 V	29	48.5	12.4
6	5350.00	47.4 AV	54.0	-6.6	1.15 V	29	35.0	12.4
7	#10460.00	62.4 PK	68.2	-5.8	2.22 V	222	39.5	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.80	66.7 PK	68.2	-1.5	1.01 H	45	54.0	12.7
2	*5755.00	113.8 PK			1.01 H	45	71.3	42.5
3	*5755.00	102.1 AV			1.01 H	45	59.6	42.5
4	#5929.60	65.1 PK	68.2	-3.1	1.01 H	45	51.5	13.6
5	11510.00	63.8 PK	74.0	-10.2	3.11 H	163	39.9	23.9
6	11510.00	50.8 AV	54.0	-3.2	3.11 H	163	26.9	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.00	66.3 PK	68.2	-1.9	1.00 V	12	53.7	12.6
2	*5755.00	112.8 PK			1.00 V	12	70.3	42.5
3	*5755.00	101.1 AV			1.00 V	12	58.6	42.5
4	#5996.00	63.8 PK	68.2	-4.4	1.00 V	12	50.0	13.8
5	11510.00	63.5 PK	74.0	-10.5	2.99 V	266	39.6	23.9
6	11510.00	50.6 AV	54.0	-3.4	2.99 V	266	26.7	23.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5650.40	63.1 PK	68.5	-5.4	1.01 H	46	50.5	12.6
2	*5795.00	116.1 PK			1.01 H	46	73.5	42.6
3	*5795.00	103.3 AV			1.01 H	46	60.7	42.6
4	#5940.80	66.9 PK	68.2	-1.3	1.01 H	46	53.3	13.6
5	11590.00	64.0 PK	74.0	-10.0	1.55 H	122	40.2	23.8
6	11590.00	50.9 AV	54.0	-3.1	1.55 H	122	27.1	23.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5632.00	64.7 PK	68.2	-3.5	1.00 V	20	52.0	12.7
2	*5795.00	115.1 PK			1.00 V	20	72.5	42.6
3	*5795.00	102.3 AV			1.00 V	20	59.7	42.6
4	#5929.60	65.5 PK	68.2	-2.7	1.00 V	20	51.9	13.6
5	11590.00	63.7 PK	74.0	-10.3	3.11 V	326	39.9	23.8
6	11590.00	50.8 AV	54.0	-3.2	3.11 V	326	27.0	23.8

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.

802.11ax (HE80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.7 PK	74.0	-6.3	1.00 H	339	55.1	12.6
2	5150.00	52.7 AV	54.0	-1.3	1.00 H	339	40.1	12.6
3	*5210.00	106.2 PK			1.31 H	349	64.8	41.4
4	*5210.00	93.7 AV			1.31 H	349	52.3	41.4
5	5350.00	60.0 PK	74.0	-14.0	1.20 H	331	47.6	12.4
6	5350.00	47.1 AV	54.0	-6.9	1.20 H	331	34.7	12.4
7	#10420.00	62.6 PK	68.2	-5.6	2.09 H	316	39.8	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.0 PK	74.0	-7.0	1.02 V	36	54.4	12.6
2	5150.00	53.0 AV	54.0	-1.0	1.02 V	36	40.4	12.6
3	*5210.00	106.8 PK			1.00 V	31	65.4	41.4
4	*5210.00	94.7 AV			1.00 V	31	53.3	41.4
5	5350.00	59.8 PK	74.0	-14.2	1.05 V	36	47.4	12.4
6	5350.00	47.1 AV	54.0	-6.9	1.05 V	36	34.7	12.4
7	#10420.00	62.3 PK	68.2	-5.9	1.63 V	322	39.5	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5647.20	63.8 PK	68.2	-4.4	1.00 H	44	51.2	12.6
2	*5775.00	110.6 PK			1.00 H	44	68.0	42.6
3	*5775.00	98.6 AV			1.00 H	44	56.0	42.6
4	#5944.80	66.6 PK	68.2	-1.6	1.00 H	44	53.0	13.6
5	11550.00	64.1 PK	74.0	-9.9	3.22 H	263	40.2	23.9
6	11550.00	51.1 AV	54.0	-2.9	3.22 H	263	27.2	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5628.80	66.8 PK	68.2	-1.4	1.00 V	24	54.1	12.7
2	*5775.00	109.4 PK			1.00 V	24	66.8	42.6
3	*5775.00	96.9 AV			1.00 V	24	54.3	42.6
4	#5928.00	66.1 PK	68.2	-2.1	1.00 V	24	52.5	13.6
5	11550.00	62.6 PK	74.0	-11.4	2.22 V	321	38.7	23.9
6	11550.00	50.8 AV	54.0	-3.2	2.22 V	321	26.9	23.9

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.

Test Mode M (External antenna – PN: ATS-OP-245-810-4RPSP-36 + Eth7 Radio)

1TX

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.4 PK	74.0	-6.6	2.00 H	35	54.8	12.6
2	5150.00	52.4 AV	54.0	-1.6	2.00 H	35	39.8	12.6
3	*5180.00	112.3 PK			2.00 H	39	70.8	41.5
4	*5180.00	102.2 AV			2.00 H	39	60.7	41.5
5	#10360.00	62.7 PK	68.2	-5.5	3.09 H	311	40.2	22.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	65.4 PK	74.0	-8.6	1.00 V	38	52.8	12.6
2	5150.00	50.4 AV	54.0	-3.6	1.00 V	38	37.8	12.6
3	*5180.00	110.3 PK			1.05 V	19	68.8	41.5
4	*5180.00	100.2 AV			1.05 V	19	58.7	41.5
5	#10360.00	62.4 PK	68.2	-5.8	2.18 V	211	39.9	22.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	114.5 PK			2.04 H	25	73.0	41.5
2	*5200.00	104.9 AV			2.04 H	25	63.4	41.5
3	#10400.00	62.8 PK	68.2	-5.4	2.11 H	218	39.9	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	112.5 PK			1.40 V	40	71.0	41.5
2	*5200.00	103.9 AV			1.40 V	40	62.4	41.5
3	#10400.00	62.4 PK	68.2	-5.8	2.33 V	245	39.5	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	113.9 PK			1.96 H	25	72.7	41.2
2	*5240.00	104.1 AV			1.96 H	25	62.9	41.2
3	5350.00	60.3 PK	74.0	-13.7	1.99 H	40	47.9	12.4
4	5350.00	47.3 AV	54.0	-6.7	1.99 H	40	34.9	12.4
5	#10480.00	62.5 PK	68.2	-5.7	2.99 H	215	39.7	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	111.9 PK			1.05 V	42	70.7	41.2
2	*5240.00	102.1 AV			1.05 V	42	60.9	41.2
3	5350.00	60.2 PK	74.0	-13.8	1.22 V	55	47.8	12.4
4	5350.00	47.2 AV	54.0	-6.8	1.22 V	55	34.8	12.4
5	#10480.00	62.2 PK	68.2	-6.0	2.88 V	105	39.4	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5633.60	62.7 PK	68.2	-5.5	1.90 H	47	50.0	12.7
2	*5745.00	113.8 PK			1.90 H	47	71.3	42.5
3	*5745.00	103.8 AV			1.90 H	47	61.3	42.5
4	#5994.40	64.2 PK	68.2	-4.0	1.90 H	47	50.4	13.8
5	11490.00	63.7 PK	74.0	-10.3	2.23 H	266	39.6	24.1
6	11490.00	50.9 AV	54.0	-3.1	2.23 H	266	26.8	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5624.80	63.8 PK	68.2	-4.4	1.05 V	51	51.1	12.7
2	*5745.00	111.8 PK			1.05 V	51	69.3	42.5
3	*5745.00	101.8 AV			1.05 V	51	59.3	42.5
4	#5957.60	63.2 PK	68.2	-5.0	1.05 V	51	49.6	13.6
5	11490.00	63.3 PK	74.0	-10.7	2.11 V	159	39.2	24.1
6	11490.00	50.8 AV	54.0	-3.2	2.11 V	159	26.7	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5607.20	63.2 PK	68.2	-5.0	2.16 H	24	50.5	12.7
2	*5785.00	114.1 PK			2.16 H	24	71.5	42.6
3	*5785.00	103.9 AV			2.16 H	24	61.3	42.6
4	#5969.60	63.9 PK	68.2	-4.3	2.16 H	24	50.2	13.7
5	11570.00	63.6 PK	74.0	-10.4	2.99 H	201	39.6	24.0
6	11570.00	50.7 AV	54.0	-3.3	2.99 H	201	26.7	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5625.60	63.5 PK	68.2	-4.7	2.01 V	59	50.8	12.7
2	*5785.00	112.1 PK			2.01 V	59	69.5	42.6
3	*5785.00	111.9 AV			2.01 V	59	69.3	42.6
4	#5950.40	63.7 PK	68.2	-4.5	2.01 V	59	50.1	13.6
5	11570.00	63.5 PK	74.0	-10.5	2.11 V	185	39.5	24.0
6	11570.00	50.5 AV	54.0	-3.5	2.11 V	185	26.5	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5608.00	63.2 PK	68.2	-5.0	2.25 H	26	50.5	12.7
2	*5825.00	113.9 PK			2.25 H	26	71.3	42.6
3	*5825.00	103.8 AV			2.25 H	26	61.2	42.6
4	#5932.00	63.9 PK	68.2	-4.3	2.25 H	26	50.3	13.6
5	11650.00	63.5 PK	74.0	-10.5	2.99 H	201	39.9	23.6
6	11650.00	50.2 AV	54.0	-3.8	2.99 H	201	26.6	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5624.80	63.9 PK	68.2	-4.3	2.15 V	50	51.2	12.7
2	*5825.00	111.9 PK			2.15 V	50	69.3	42.6
3	*5825.00	101.8 AV			2.15 V	50	59.2	42.6
4	#5994.40	65.0 PK	68.2	-3.2	2.15 V	50	51.2	13.8
5	11650.00	63.3 PK	74.0	-10.7	2.96 V	321	39.7	23.6
6	11650.00	50.0 AV	54.0	-4.0	2.96 V	321	26.4	23.6

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.

802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	71.3 PK	74.0	-2.7	2.00 H	39	58.7	12.6
2	5150.00	52.4 AV	54.0	-1.6	2.00 H	39	39.8	12.6
3	*5180.00	113.3 PK			2.09 H	35	71.8	41.5
4	*5180.00	100.2 AV			2.09 H	35	58.7	41.5
5	#10360.00	62.2 PK	68.2	-6.0	2.33 H	309	39.7	22.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.3 PK	74.0	-5.7	1.09 V	39	55.7	12.6
2	5150.00	50.5 AV	54.0	-3.5	1.09 V	39	37.9	12.6
3	*5180.00	111.3 PK			1.09 V	41	69.8	41.5
4	*5180.00	98.2 AV			1.09 V	41	56.7	41.5
5	#10360.00	62.0 PK	68.2	-6.2	2.09 V	230	39.5	22.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	117.1 PK			2.20 H	26	75.6	41.5
2	*5200.00	104.2 AV			2.20 H	26	62.7	41.5
3	#10400.00	62.7 PK	68.2	-5.5	2.99 H	233	39.8	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	115.1 PK			1.09 V	48	73.6	41.5
2	*5200.00	102.2 AV			1.09 V	48	60.7	41.5
3	#10400.00	62.3 PK	68.2	-5.9	2.96 V	152	39.4	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	117.1 PK			2.45 H	27	75.9	41.2
2	*5240.00	103.6 AV			2.45 H	27	62.4	41.2
3	5350.00	60.4 PK	74.0	-13.6	2.40 H	21	48.0	12.4
4	5350.00	47.3 AV	54.0	-6.7	2.40 H	21	34.9	12.4
5	#10480.00	62.8 PK	68.2	-5.4	3.11 H	349	40.0	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	115.1 PK			1.05 V	39	73.9	41.2
2	*5240.00	101.6 AV			1.05 V	39	60.4	41.2
3	5350.00	60.3 PK	74.0	-13.7	1.08 V	41	47.9	12.4
4	5350.00	47.1 AV	54.0	-6.9	1.08 V	41	34.7	12.4
5	#10480.00	62.6 PK	68.2	-5.6	2.88 V	244	39.8	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5620.80	63.9 PK	68.2	-4.3	1.73 H	23	51.2	12.7
2	*5745.00	117.4 PK			1.73 H	23	74.9	42.5
3	*5745.00	104.6 AV			1.73 H	23	62.1	42.5
4	#5941.60	64.2 PK	68.2	-4.0	1.73 H	23	50.6	13.6
5	11490.00	63.1 PK	74.0	-10.9	2.88 H	211	39.0	24.1
6	11490.00	50.9 AV	54.0	-3.1	2.88 H	211	26.8	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5637.60	64.1 PK	68.2	-4.1	2.55 V	51	51.4	12.7
2	*5745.00	115.4 PK			2.55 V	51	72.9	42.5
3	*5745.00	102.6 AV			2.55 V	51	60.1	42.5
4	#5951.20	63.9 PK	68.2	-4.3	2.55 V	51	50.3	13.6
5	11490.00	62.9 PK	74.0	-11.1	3.33 V	355	38.8	24.1
6	11490.00	50.6 AV	54.0	-3.4	3.33 V	355	26.5	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5620.00	63.1 PK	68.2	-5.1	1.77 H	52	50.4	12.7
2	*5785.00	117.1 PK			1.77 H	52	74.5	42.6
3	*5785.00	103.7 AV			1.77 H	52	61.1	42.6
4	#5956.80	64.2 PK	68.2	-4.0	1.77 H	52	50.6	13.6
5	11570.00	62.7 PK	74.0	-11.3	2.18 H	202	38.7	24.0
6	11570.00	50.8 AV	54.0	-3.2	2.18 H	202	26.8	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5619.20	63.4 PK	68.2	-4.8	1.85 V	55	50.7	12.7
2	*5785.00	115.1 PK			1.85 V	55	72.5	42.6
3	*5785.00	101.7 AV			1.85 V	55	59.1	42.6
4	#5946.40	63.6 PK	68.2	-4.6	1.85 V	55	50.0	13.6
5	11570.00	62.6 PK	74.0	-11.4	2.99 V	263	38.6	24.0
6	11570.00	50.5 AV	54.0	-3.5	2.99 V	263	26.5	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5645.60	63.4 PK	68.2	-4.8	2.02 H	24	50.8	12.6
2	*5825.00	116.6 PK			2.02 H	24	74.0	42.6
3	*5825.00	103.6 AV			2.02 H	24	61.0	42.6
4	#5988.00	63.8 PK	68.2	-4.4	2.02 H	24	50.0	13.8
5	11650.00	62.8 PK	74.0	-11.2	2.55 H	211	39.2	23.6
6	11650.00	50.5 AV	54.0	-3.5	2.55 H	211	26.9	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5611.20	62.5 PK	68.2	-5.7	2.00 V	50	49.8	12.7
2	*5825.00	114.6 PK			2.00 V	50	72.0	42.6
3	*5825.00	101.6 AV			2.00 V	50	59.0	42.6
4	#5960.00	63.6 PK	68.2	-4.6	2.00 V	50	49.9	13.7
5	11650.00	62.5 PK	74.0	-11.5	2.01 V	188	38.9	23.6
6	11650.00	50.4 AV	54.0	-3.6	2.01 V	188	26.8	23.6

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.

802.11ax (HE40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.9 PK	74.0	-5.1	2.40 H	25	56.3	12.6
2	5150.00	52.4 AV	54.0	-1.6	2.40 H	25	39.8	12.6
3	*5190.00	110.1 PK			2.41 H	24	68.6	41.5
4	*5190.00	97.2 AV			2.41 H	24	55.7	41.5
5	#10380.00	62.4 PK	68.2	-5.8	1.88 H	211	39.7	22.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.9 PK	74.0	-7.1	1.05 V	50	54.3	12.6
2	5150.00	50.8 AV	54.0	-3.2	1.05 V	50	38.2	12.6
3	*5190.00	107.1 PK			1.00 V	40	65.6	41.5
4	*5190.00	94.2 AV			1.00 V	40	52.7	41.5
5	#10380.00	62.3 PK	68.2	-5.9	3.09 V	322	39.6	22.7

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	65.5 PK	74.0	-8.5	2.41 H	25	52.9	12.6
2	5150.00	51.6 AV	54.0	-2.4	2.41 H	25	39.0	12.6
3	*5230.00	113.9 PK			2.41 H	33	72.6	41.3
4	*5230.00	100.6 AV			2.41 H	33	59.3	41.3
5	#10460.00	62.5 PK	68.2	-5.7	4.00 H	299	39.6	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	63.5 PK	74.0	-10.5	1.09 V	21	50.9	12.6
2	5150.00	50.5 AV	54.0	-3.5	1.09 V	21	37.9	12.6
3	*5230.00	111.9 PK			1.09 V	44	70.6	41.3
4	*5230.00	98.6 AV			1.09 V	44	57.3	41.3
5	#10460.00	62.0 PK	68.2	-6.2	2.18 V	200	39.1	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5612.80	64.0 PK	68.2	-4.2	2.06 H	27	51.3	12.7
2	*5755.00	114.1 PK			2.06 H	27	71.6	42.5
3	*5755.00	101.4 AV			2.06 H	27	58.9	42.5
4	#5959.20	63.9 PK	68.2	-4.3	2.06 H	27	50.3	13.6
5	11510.00	62.8 PK	74.0	-11.2	2.11 H	200	38.9	23.9
6	11510.00	50.9 AV	54.0	-3.1	2.11 H	200	27.0	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5634.40	62.7 PK	68.2	-5.5	2.00 V	51	50.0	12.7
2	*5755.00	112.1 PK			2.00 V	51	69.6	42.5
3	*5755.00	99.4 AV			2.00 V	51	56.9	42.5
4	#5956.80	63.7 PK	68.2	-4.5	2.00 V	51	50.1	13.6
5	11510.00	62.6 PK	74.0	-11.4	2.99 V	263	38.7	23.9
6	11510.00	50.7 AV	54.0	-3.3	2.99 V	263	26.8	23.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5627.20	62.4 PK	68.2	-5.8	2.06 H	46	49.7	12.7
2	*5795.00	113.1 PK			2.06 H	46	70.5	42.6
3	*5795.00	100.7 AV			2.06 H	46	58.1	42.6
4	#5992.00	63.5 PK	68.2	-4.7	2.06 H	46	49.7	13.8
5	11590.00	63.0 PK	74.0	-11.0	3.01 H	339	39.2	23.8
6	11590.00	50.7 AV	54.0	-3.3	3.01 H	339	26.9	23.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5602.40	62.8 PK	68.2	-5.4	2.01 V	52	50.2	12.6
2	*5795.00	111.1 PK			2.01 V	52	68.5	42.6
3	*5795.00	98.7 AV			2.01 V	52	56.1	42.6
4	#5968.80	63.0 PK	68.2	-5.2	2.01 V	52	49.3	13.7
5	11590.00	62.8 PK	74.0	-11.2	3.11 V	185	39.0	23.8
6	11590.00	50.5 AV	54.0	-3.5	3.11 V	185	26.7	23.8

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.

802.11ax (HE80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.2 PK	74.0	-4.8	2.44 H	21	56.6	12.6
2	5150.00	52.4 AV	54.0	-1.6	2.44 H	21	39.8	12.6
3	*5210.00	106.8 PK			2.45 H	25	65.4	41.4
4	*5210.00	93.7 AV			2.45 H	25	52.3	41.4
5	5350.00	60.3 PK	74.0	-13.7	2.40 H	22	47.9	12.4
6	5350.00	47.3 AV	54.0	-6.7	2.40 H	22	34.9	12.4
7	#10420.00	62.3 PK	68.2	-5.9	2.10 H	185	39.5	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	65.6 PK	74.0	-8.4	1.05 V	42	53.0	12.6
2	5150.00	49.2 AV	54.0	-4.8	1.05 V	42	36.6	12.6
3	*5210.00	103.1 PK			1.00 V	40	61.7	41.4
4	*5210.00	90.2 AV			1.00 V	40	48.8	41.4
5	5350.00	61.1 PK	74.0	-12.9	1.09 V	52	48.7	12.4
6	5350.00	47.3 AV	54.0	-6.7	1.09 V	52	34.9	12.4
7	#10420.00	62.0 PK	68.2	-6.2	2.93 V	266	39.2	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5628.80	66.8 PK	68.2	-1.4	1.77 H	48	54.1	12.7
2	*5775.00	112.1 PK			1.77 H	48	69.5	42.6
3	*5775.00	97.9 AV			1.77 H	48	55.3	42.6
4	#5938.40	67.0 PK	68.2	-1.2	1.77 H	48	53.4	13.6
5	11550.00	62.9 PK	74.0	-11.1	3.18 H	152	39.0	23.9
6	11550.00	50.8 AV	54.0	-3.2	3.18 H	152	26.9	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5649.60	66.0 PK	68.2	-2.2	2.56 V	55	53.4	12.6
2	*5775.00	109.4 PK			2.56 V	55	66.8	42.6
3	*5775.00	96.1 AV			2.56 V	55	53.5	42.6
4	#5925.60	65.2 PK	68.2	-3.0	2.56 V	55	51.6	13.6
5	11550.00	62.7 PK	74.0	-11.3	1.00 V	215	38.8	23.9
6	11550.00	50.4 AV	54.0	-3.6	1.00 V	215	26.5	23.9

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.6 PK	74.0	-5.4	1.00 H	349	56.0	12.6
2	5150.00	53.0 AV	54.0	-1.0	1.00 H	349	40.4	12.6
3	*5180.00	113.5 PK			1.00 H	341	72.0	41.5
4	*5180.00	103.9 AV			1.00 H	341	62.4	41.5
5	#10360.00	61.9 PK	68.2	-6.3	1.09 H	211	39.4	22.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.9 PK	74.0	-6.1	1.06 V	48	55.3	12.6
2	5150.00	50.9 AV	54.0	-3.1	1.06 V	48	38.3	12.6
3	*5180.00	111.3 PK			1.01 V	37	69.8	41.5
4	*5180.00	102.1 AV			1.01 V	37	60.6	41.5
5	#10360.00	61.7 PK	68.2	-6.5	1.55 V	129	39.2	22.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.6 PK	74.0	-7.4	1.05 H	359	54.0	12.6
2	5150.00	53.0 AV	54.0	-1.0	1.05 H	359	40.4	12.6
3	*5200.00	117.4 PK			1.08 H	341	75.9	41.5
4	*5200.00	107.2 AV			1.08 H	341	65.7	41.5
5	#10400.00	61.8 PK	68.2	-6.4	3.15 H	300	38.9	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	65.6 PK	74.0	-8.4	1.05 V	55	53.0	12.6
2	5150.00	51.3 AV	54.0	-2.7	1.05 V	55	38.7	12.6
3	*5200.00	115.4 PK			1.05 V	41	73.9	41.5
4	*5200.00	105.2 AV			1.05 V	41	63.7	41.5
5	#10400.00	61.6 PK	68.2	-6.6	2.18 V	244	38.7	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	117.6 PK			1.53 H	342	76.4	41.2
2	*5240.00	107.7 AV			1.53 H	342	66.5	41.2
3	5350.00	61.7 PK	74.0	-12.3	1.59 H	349	49.3	12.4
4	5350.00	47.6 AV	54.0	-6.4	1.59 H	349	35.2	12.4
5	#10480.00	62.0 PK	68.2	-6.2	1.02 H	211	39.2	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	115.6 PK			1.02 V	45	74.4	41.2
2	*5240.00	105.7 AV			1.02 V	45	64.5	41.2
3	5350.00	61.5 PK	74.0	-12.5	1.55 V	50	49.1	12.4
4	5350.00	47.4 AV	54.0	-6.6	1.55 V	50	35.0	12.4
5	#10480.00	61.7 PK	68.2	-6.5	2.55 V	301	38.9	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.80	65.7 PK	68.2	-2.5	2.45 H	346	53.1	12.6
2	*5745.00	118.0 PK			2.45 H	346	75.5	42.5
3	*5745.00	108.3 AV			2.45 H	346	65.8	42.5
4	#5999.20	66.5 PK	68.2	-1.7	2.45 H	346	52.7	13.8
5	11490.00	63.9 PK	74.0	-10.1	2.03 H	211	39.8	24.1
6	11490.00	51.0 AV	54.0	-3.0	2.03 H	211	26.9	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5641.60	65.7 PK	68.2	-2.5	1.79 V	34	53.0	12.7
2	*5745.00	117.0 PK			1.79 V	34	74.5	42.5
3	*5745.00	107.3 AV			1.79 V	34	64.8	42.5
4	#5995.20	66.3 PK	68.2	-1.9	1.79 V	34	52.5	13.8
5	11490.00	63.6 PK	74.0	-10.4	3.16 V	329	39.5	24.1
6	11490.00	50.8 AV	54.0	-3.2	3.16 V	329	26.7	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5600.80	65.3 PK	68.2	-2.9	2.11 H	338	52.7	12.6
2	*5785.00	118.3 PK			2.11 H	338	75.7	42.6
3	*5785.00	107.9 AV			2.11 H	338	65.3	42.6
4	#5934.40	65.8 PK	68.2	-2.4	2.11 H	338	52.2	13.6
5	11570.00	63.8 PK	74.0	-10.2	2.55 H	155	39.8	24.0
6	11570.00	51.1 AV	54.0	-2.9	2.55 H	155	27.1	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5610.40	64.4 PK	68.2	-3.8	2.00 V	36	51.7	12.7
2	*5785.00	117.3 PK			2.00 V	36	74.7	42.6
3	*5785.00	106.9 AV			2.00 V	36	64.3	42.6
4	#5927.20	65.3 PK	68.2	-2.9	2.00 V	36	51.7	13.6
5	11570.00	63.6 PK	74.0	-10.4	3.01 V	315	39.6	24.0
6	11570.00	50.8 AV	54.0	-3.2	3.01 V	315	26.8	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5643.20	65.0 PK	68.2	-3.2	2.16 H	339	52.3	12.7
2	*5825.00	117.5 PK			2.16 H	339	74.9	42.6
3	*5825.00	106.6 AV			2.16 H	339	64.0	42.6
4	#5962.40	65.4 PK	68.2	-2.8	2.16 H	339	51.7	13.7
5	11650.00	63.3 PK	74.0	-10.7	1.69 H	330	39.7	23.6
6	11650.00	50.3 AV	54.0	-3.7	1.69 H	330	26.7	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5625.60	64.6 PK	68.2	-3.6	1.25 V	30	51.9	12.7
2	*5825.00	116.5 PK			1.25 V	30	73.9	42.6
3	*5825.00	105.6 AV			1.25 V	30	63.0	42.6
4	#5984.00	65.1 PK	68.2	-3.1	1.25 V	30	51.3	13.8
5	11650.00	63.1 PK	74.0	-10.9	2.99 V	263	39.5	23.6
6	11650.00	50.0 AV	54.0	-4.0	2.99 V	263	26.4	23.6

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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	70.8 PK	74.0	-3.2	1.41 H	341	58.2	12.6
2	5150.00	52.4 AV	54.0	-1.6	1.41 H	341	39.8	12.6
3	*5180.00	114.3 PK			1.48 H	349	72.8	41.5
4	*5180.00	101.3 AV			1.48 H	349	59.8	41.5
5	#10360.00	61.9 PK	68.2	-6.3	1.88 H	153	39.4	22.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	68.6 PK	74.0	-5.4	1.08 V	41	56.0	12.6
2	5150.00	50.8 AV	54.0	-3.2	1.08 V	41	38.2	12.6
3	*5180.00	112.3 PK			1.05 V	53	70.8	41.5
4	*5180.00	99.3 AV			1.05 V	53	57.8	41.5
5	#10360.00	61.6 PK	68.2	-6.6	2.15 V	288	39.1	22.5

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	67.3 PK	74.0	-6.7	1.39 H	339	54.7	12.6
2	5150.00	52.9 AV	54.0	-1.1	1.39 H	339	40.3	12.6
3	*5200.00	118.2 PK			1.34 H	342	76.7	41.5
4	*5200.00	105.3 AV			1.34 H	342	63.8	41.5
5	#10400.00	62.4 PK	68.2	-5.8	1.55 H	233	39.5	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	65.3 PK	74.0	-8.7	1.52 V	50	52.7	12.6
2	5150.00	51.2 AV	54.0	-2.8	1.52 V	50	38.6	12.6
3	*5200.00	116.2 PK			1.20 V	51	74.7	41.5
4	*5200.00	103.3 AV			1.20 V	51	61.8	41.5
5	#10400.00	62.5 PK	68.2	-5.7	3.00 V	322	39.6	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	119.2 PK			1.33 H	340	78.0	41.2
2	*5240.00	106.9 AV			1.33 H	340	65.7	41.2
3	5350.00	60.4 PK	74.0	-13.6	1.39 H	351	48.0	12.4
4	5350.00	47.5 AV	54.0	-6.5	1.39 H	351	35.1	12.4
5	#10480.00	62.0 PK	68.2	-6.2	1.55 H	269	39.2	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	117.2 PK			1.05 V	42	76.0	41.2
2	*5240.00	104.9 AV			1.05 V	42	63.7	41.2
3	5350.00	60.2 PK	74.0	-13.8	1.23 V	49	47.8	12.4
4	5350.00	47.2 AV	54.0	-6.8	1.23 V	49	34.8	12.4
5	#10480.00	61.8 PK	68.2	-6.4	2.00 V	244	39.0	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.00	65.3 PK	68.2	-2.9	2.24 H	346	52.6	12.7
2	*5745.00	119.8 PK			2.24 H	346	77.3	42.5
3	*5745.00	106.5 AV			2.24 H	346	64.0	42.5
4	#5964.00	66.0 PK	68.2	-2.2	2.24 H	346	52.3	13.7
5	11490.00	63.8 PK	74.0	-10.2	2.77 H	239	39.7	24.1
6	11490.00	51.2 AV	54.0	-2.8	2.77 H	239	27.1	24.1
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.00	65.9 PK	68.2	-2.3	1.70 V	39	53.2	12.7
2	*5745.00	118.8 PK			1.70 V	39	76.3	42.5
3	*5745.00	105.5 AV			1.70 V	39	63.0	42.5
4	#5924.80	66.2 PK	68.3	-2.1	1.70 V	39	52.6	13.6
5	11490.00	63.7 PK	74.0	-10.3	2.10 V	299	39.6	24.1
6	11490.00	51.0 AV	54.0	-3.0	2.10 V	299	26.9	24.1

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5636.00	65.0 PK	68.2	-3.2	2.14 H	347	52.3	12.7
2	*5785.00	120.0 PK			2.14 H	347	77.4	42.6
3	*5785.00	106.6 AV			2.14 H	347	64.0	42.6
4	#5963.20	65.5 PK	68.2	-2.7	2.14 H	347	51.8	13.7
5	11570.00	64.1 PK	74.0	-9.9	2.92 H	266	40.1	24.0
6	11570.00	51.0 AV	54.0	-3.0	2.92 H	266	27.0	24.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5624.00	65.4 PK	68.2	-2.8	2.00 V	33	52.7	12.7
2	*5785.00	119.1 PK			2.00 V	33	76.5	42.6
3	*5785.00	105.7 AV			2.00 V	33	63.1	42.6
4	#5942.40	65.0 PK	68.2	-3.2	2.00 V	33	51.4	13.6
5	11570.00	63.8 PK	74.0	-10.2	2.99 V	211	39.8	24.0
6	11570.00	50.8 AV	54.0	-3.2	2.99 V	211	26.8	24.0

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5600.00	64.3 PK	68.2	-3.9	3.36 H	360	51.7	12.6
2	*5825.00	120.2 PK			3.36 H	360	77.6	42.6
3	*5825.00	107.3 AV			3.36 H	360	64.7	42.6
4	#5998.40	66.2 PK	68.2	-2.0	3.36 H	360	52.4	13.8
5	11650.00	63.4 PK	74.0	-10.6	2.56 H	211	39.8	23.6
6	11650.00	50.6 AV	54.0	-3.4	2.56 H	211	27.0	23.6
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5614.40	65.3 PK	68.2	-2.9	1.72 V	35	52.6	12.7
2	*5825.00	119.1 PK			1.72 V	35	76.5	42.6
3	*5825.00	106.2 AV			1.72 V	35	63.6	42.6
4	#5932.00	65.7 PK	68.2	-2.5	1.72 V	35	52.1	13.6
5	11650.00	63.1 PK	74.0	-10.9	3.29 V	315	39.5	23.6
6	11650.00	50.1 AV	54.0	-3.9	3.29 V	315	26.5	23.6

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.

802.11ax (HE40)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	73.0 PK	74.0	-1.0	1.53 H	31	60.4	12.6
2	5150.00	52.4 AV	54.0	-1.6	1.53 H	31	39.8	12.6
3	*5190.00	111.8 PK			1.26 H	22	70.3	41.5
4	*5190.00	99.5 AV			1.26 H	22	58.0	41.5
5	#10380.00	62.5 PK	68.2	-5.7	2.32 H	299	39.8	22.7
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	70.8 PK	74.0	-3.2	1.21 V	45	58.2	12.6
2	5150.00	50.3 AV	54.0	-3.7	1.21 V	45	37.7	12.6
3	*5190.00	109.8 PK			1.20 V	45	68.3	41.5
4	*5190.00	97.5 AV			1.20 V	45	56.0	41.5
5	#10380.00	62.2 PK	68.2	-6.0	2.19 V	244	39.5	22.7

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	65.4 PK	74.0	-8.6	1.88 H	24	52.8	12.6
2	5150.00	52.4 AV	54.0	-1.6	1.88 H	24	39.8	12.6
3	*5230.00	114.5 PK			1.89 H	30	73.2	41.3
4	*5230.00	102.2 AV			1.89 H	30	60.9	41.3
5	#10460.00	62.9 PK	68.2	-5.3	2.99 H	239	40.0	22.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	63.6 PK	74.0	-10.4	1.02 V	46	51.0	12.6
2	5150.00	50.6 AV	54.0	-3.4	1.02 V	46	38.0	12.6
3	*5230.00	112.5 PK			1.20 V	45	71.2	41.3
4	*5230.00	100.2 AV			1.20 V	45	58.9	41.3
5	#10460.00	62.6 PK	68.2	-5.6	2.31 V	229	39.7	22.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.00	66.2 PK	68.2	-2.0	3.37 H	350	53.6	12.6
2	*5755.00	117.4 PK			3.37 H	350	74.9	42.5
3	*5755.00	104.8 AV			3.37 H	350	62.3	42.5
4	#5952.00	66.4 PK	68.2	-1.8	3.37 H	350	52.8	13.6
5	11510.00	63.5 PK	74.0	-10.5	2.48 H	229	39.6	23.9
6	11510.00	50.7 AV	54.0	-3.3	2.48 H	229	26.8	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5650.40	65.9 PK	68.5	-2.6	1.79 V	34	53.3	12.6
2	*5755.00	116.4 PK			1.79 V	34	73.9	42.5
3	*5755.00	103.8 AV			1.79 V	34	61.3	42.5
4	#5998.40	65.4 PK	68.2	-2.8	1.79 V	34	51.6	13.8
5	11510.00	63.3 PK	74.0	-10.7	2.99 V	215	39.4	23.9
6	11510.00	50.4 AV	54.0	-3.6	2.99 V	215	26.5	23.9

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5620.00	65.7 PK	68.2	-2.5	3.37 H	357	53.0	12.7
2	*5795.00	116.3 PK			3.37 H	357	73.7	42.6
3	*5795.00	105.1 AV			3.37 H	357	62.5	42.6
4	#5996.80	65.4 PK	68.2	-2.8	3.37 H	357	51.6	13.8
5	11590.00	63.7 PK	74.0	-10.3	2.99 H	244	39.9	23.8
6	11590.00	50.8 AV	54.0	-3.2	2.99 H	244	27.0	23.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5616.80	64.5 PK	68.2	-3.7	1.70 V	40	51.8	12.7
2	*5795.00	115.3 PK			1.70 V	40	72.7	42.6
3	*5795.00	104.1 AV			1.70 V	40	61.5	42.6
4	#5952.00	65.8 PK	68.2	-2.4	1.70 V	40	52.2	13.6
5	11590.00	63.5 PK	74.0	-10.5	3.03 V	333	39.7	23.8
6	11590.00	50.6 AV	54.0	-3.4	3.03 V	333	26.8	23.8

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.

802.11ax (HE80)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.0 PK	74.0	-5.0	1.49 H	30	56.4	12.6
2	5150.00	52.3 AV	54.0	-1.7	1.49 H	30	39.7	12.6
3	*5210.00	108.2 PK			1.44 H	22	66.8	41.4
4	*5210.00	95.0 AV			1.44 H	22	53.6	41.4
5	5350.00	60.2 PK	74.0	-13.8	1.40 H	59	47.8	12.4
6	5350.00	48.0 AV	54.0	-6.0	1.40 H	59	35.6	12.4
7	#10420.00	62.9 PK	68.2	-5.3	2.99 H	231	40.1	22.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	66.7 PK	74.0	-7.3	1.17 V	53	54.1	12.6
2	5150.00	50.4 AV	54.0	-3.6	1.17 V	53	37.8	12.6
3	*5210.00	106.2 PK			1.00 V	41	64.8	41.4
4	*5210.00	93.0 AV			1.00 V	41	51.6	41.4
5	5350.00	59.9 PK	74.0	-14.1	1.09 V	55	47.5	12.4
6	5350.00	47.7 AV	54.0	-6.3	1.09 V	55	35.3	12.4
7	#10420.00	62.6 PK	68.2	-5.6	3.09 V	315	39.8	22.8

Remarks:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5630.40	66.6 PK	68.2	-1.6	3.37 H	346	53.9	12.7
2	*5775.00	113.1 PK			3.37 H	346	70.5	42.6
3	*5775.00	99.4 AV			3.37 H	346	56.8	42.6
4	#5933.60	65.2 PK	68.2	-3.0	3.37 H	346	51.6	13.6
5	11550.00	63.6 PK	74.0	-10.4	3.15 H	302	39.7	23.9
6	11550.00	50.7 AV	54.0	-3.3	3.15 H	302	26.8	23.9
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5650.40	66.1 PK	68.5	-2.4	1.78 V	33	53.5	12.6
2	*5775.00	112.4 PK			1.78 V	33	69.8	42.6
3	*5775.00	98.6 AV			1.78 V	33	56.0	42.6
4	#5943.20	66.5 PK	68.2	-1.7	1.78 V	33	52.9	13.6
5	11550.00	63.4 PK	74.0	-10.6	2.66 V	233	39.5	23.9
6	11550.00	50.4 AV	54.0	-3.6	2.66 V	233	26.5	23.9

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.

Below 1GHz Worst-Case Data:

Test Mode A (Internal antenna + Eth6 Radio) with POE

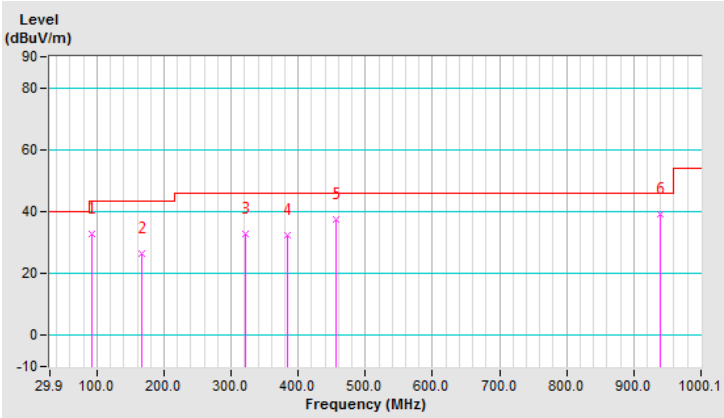
802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	91.99	32.6 QP	43.5	-10.9	2.00 H	7	46.6	-14.0
2	166.70	26.6 QP	43.5	-16.9	1.00 H	40	35.5	-8.9
3	321.93	32.8 QP	46.0	-13.2	1.00 H	25	39.5	-6.7
4	383.05	32.5 QP	46.0	-13.5	1.50 H	199	37.7	-5.2
5	456.79	37.3 QP	46.0	-8.7	1.50 H	177	40.5	-3.2
6	938.98	39.3 QP	46.0	-6.7	1.00 H	7	31.4	7.9

Remarks:

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

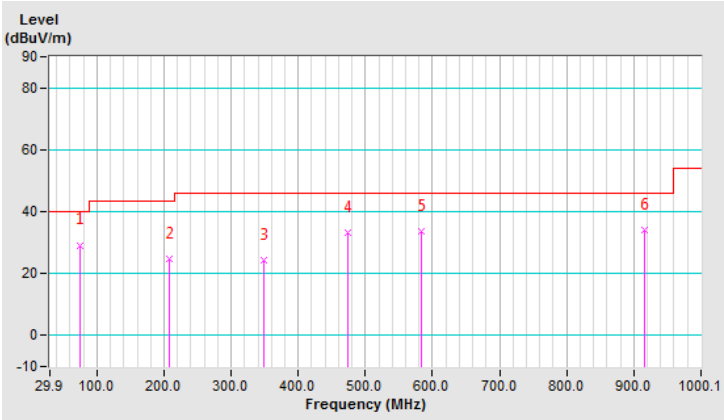


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	74.53	29.2 QP	40.0	-10.8	1.00 V	201	40.5	-11.3
2	208.42	24.6 QP	43.5	-18.9	1.00 V	4	36.0	-11.4
3	349.10	24.5 QP	46.0	-21.5	1.00 V	294	30.7	-6.2
4	473.28	33.2 QP	46.0	-12.8	1.00 V	89	36.2	-3.0
5	582.91	33.5 QP	46.0	-12.5	1.00 V	310	34.1	-0.6
6	915.69	34.1 QP	46.0	-11.9	1.00 V	89	26.7	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB).
3. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value.
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.



Test Mode B (Internal antenna + Eth6 Radio) with Adapter

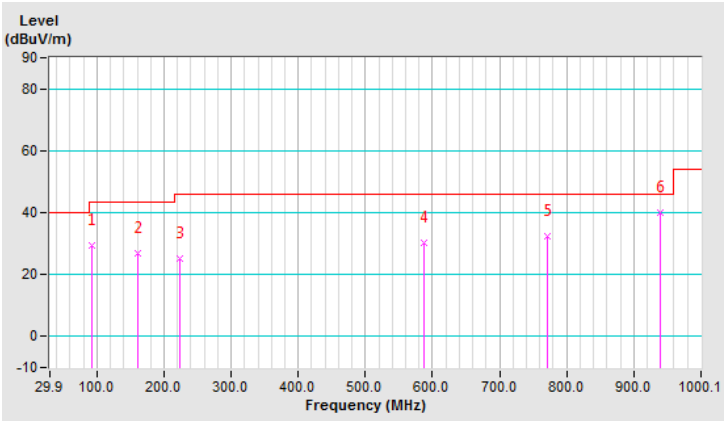
802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	92.96	29.3 QP	43.5	-14.2	1.00 H	328	43.3	-14.0
2	160.88	26.9 QP	43.5	-16.6	1.00 H	46	35.6	-8.7
3	223.94	25.1 QP	46.0	-20.9	1.00 H	7	36.5	-11.4
4	587.76	30.2 QP	46.0	-15.8	1.00 H	270	30.6	-0.4
5	771.13	32.3 QP	46.0	-13.7	1.00 H	328	27.8	4.5
6	938.98	40.0 QP	46.0	-6.0	1.00 H	104	32.1	7.9

Remarks:

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

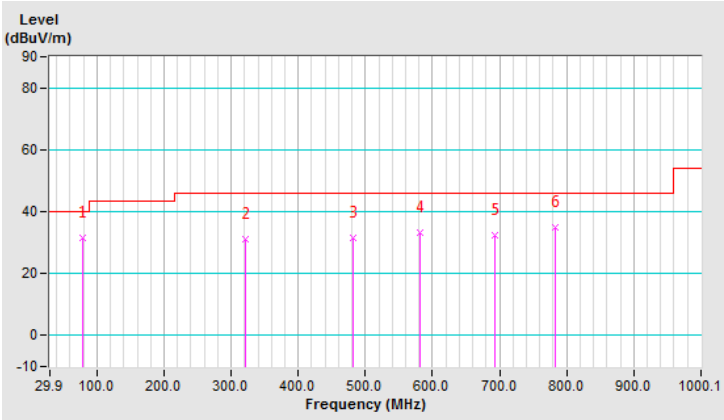


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	78.41	31.7 QP	40.0	-8.3	1.00 V	318	44.1	-12.4
2	320.96	31.0 QP	46.0	-15.0	1.50 V	349	37.7	-6.7
3	481.04	31.5 QP	46.0	-14.5	1.00 V	97	34.5	-3.0
4	581.94	33.2 QP	46.0	-12.8	2.00 V	314	33.8	-0.6
5	692.55	32.4 QP	46.0	-13.6	1.00 V	126	30.4	2.0
6	783.75	34.9 QP	46.0	-11.1	1.00 V	58	30.3	4.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB).
3. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value.
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.



Test Mode C (Internal antenna + Eth7 Radio) with POE

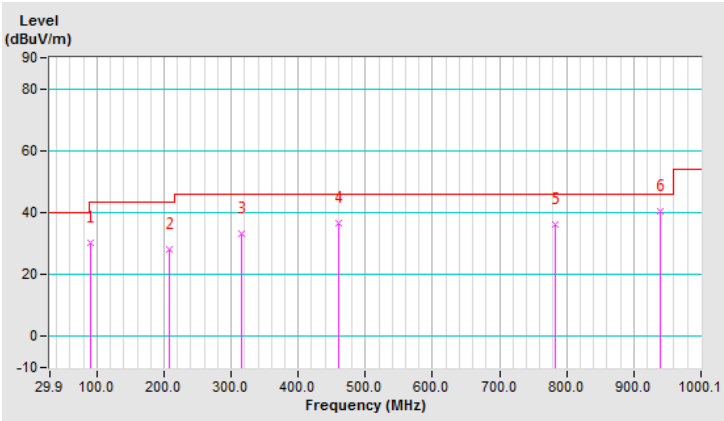
802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	91.02	30.1 QP	43.5	-13.4	2.00 H	207	44.2	-14.1
2	207.45	28.2 QP	43.5	-15.3	1.00 H	319	39.7	-11.5
3	316.11	33.2 QP	46.0	-12.8	1.00 H	223	40.0	-6.8
4	459.70	36.7 QP	46.0	-9.3	1.00 H	165	39.9	-3.2
5	783.75	36.1 QP	46.0	-9.9	1.00 H	168	31.5	4.6
6	938.98	40.4 QP	46.0	-5.6	1.00 H	242	32.5	7.9

Remarks:

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

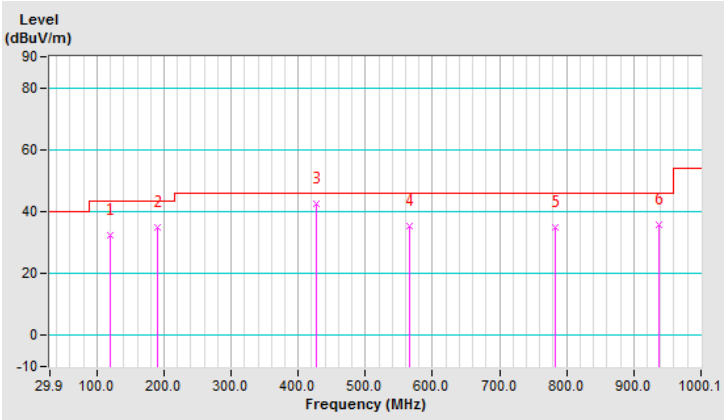


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	120.13	32.2 QP	43.5	-11.3	1.00 V	319	43.2	-11.0
2	190.95	35.1 QP	43.5	-8.4	1.00 V	106	46.4	-11.3
3	426.71	42.6 QP	46.0	-3.4	1.00 V	323	46.7	-4.1
4	565.45	35.3 QP	46.0	-10.7	2.00 V	313	36.6	-1.3
5	783.75	34.9 QP	46.0	-11.1	1.00 V	139	30.3	4.6
6	938.01	35.8 QP	46.0	-10.2	1.00 V	317	27.9	7.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB).
3. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value.
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.



Test Mode D (Internal antenna + Eth7 Radio) with Adapter

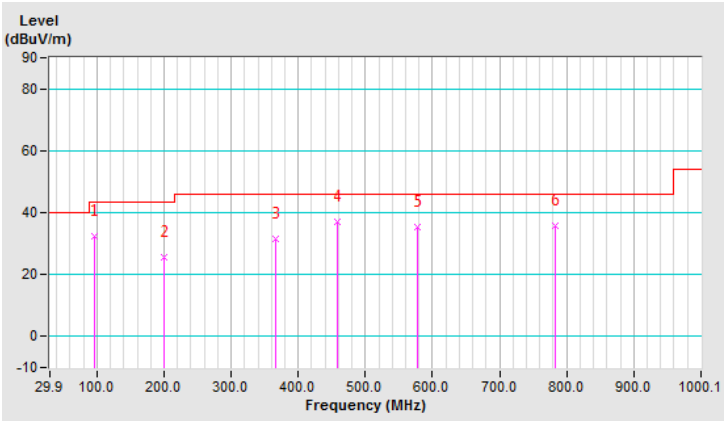
802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	96.84	32.2 QP	43.5	-11.3	1.00 H	7	46.0	-13.8
2	200.66	25.4 QP	43.5	-18.1	1.00 H	242	36.8	-11.4
3	365.59	31.7 QP	46.0	-14.3	1.00 H	205	37.3	-5.6
4	457.76	37.1 QP	46.0	-8.9	1.00 H	174	40.3	-3.2
5	577.09	35.5 QP	46.0	-10.5	1.00 H	241	36.3	-0.8
6	783.75	35.9 QP	46.0	-10.1	1.00 H	125	31.3	4.6

Remarks:

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

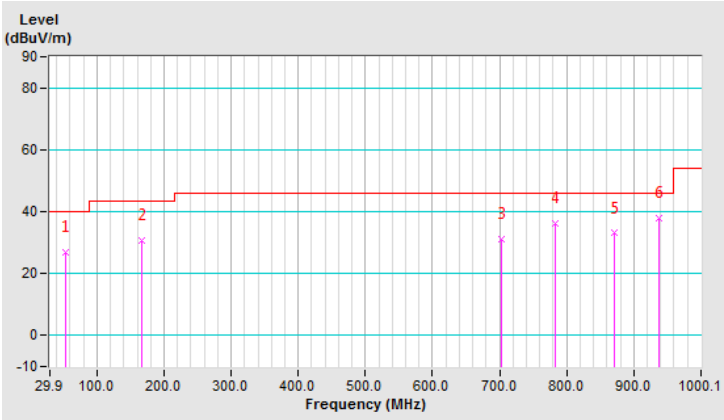


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	54.16	26.8 QP	40.0	-13.2	1.00 V	168	35.4	-8.6
2	166.70	30.8 QP	43.5	-12.7	1.00 V	121	39.7	-8.9
3	702.25	31.1 QP	46.0	-14.9	1.00 V	130	28.8	2.3
4	783.75	36.3 QP	46.0	-9.7	1.00 V	9	31.7	4.6
5	870.09	33.0 QP	46.0	-13.0	1.00 V	313	27.0	6.0
6	938.01	37.8 QP	46.0	-8.2	1.00 V	19	29.9	7.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB).
3. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value.
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.



Test Mode E (Internal antenna + Eth8 Radio) with POE

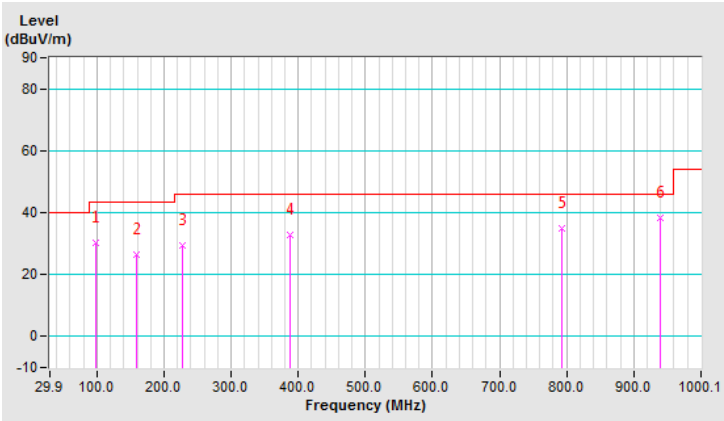
802.11ax (HE40)

CHANNEL	TX Channel 159	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	97.81	30.2 QP	43.5	-13.3	2.00 H	11	43.8	-13.6
2	159.91	26.6 QP	43.5	-16.9	1.00 H	18	35.1	-8.5
3	226.85	29.3 QP	46.0	-16.7	1.00 H	346	40.6	-11.3
4	386.93	33.0 QP	46.0	-13.0	1.00 H	192	38.1	-5.1
5	792.48	35.0 QP	46.0	-11.0	1.00 H	267	30.3	4.7
6	938.98	38.1 QP	46.0	-7.9	1.50 H	7	30.2	7.9

Remarks:

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

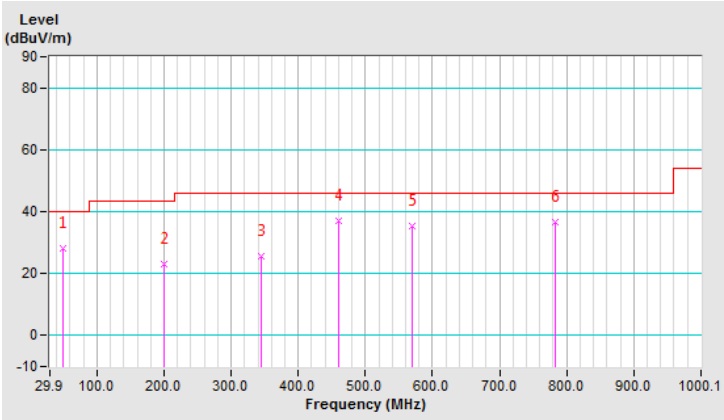


CHANNEL	TX Channel 159	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	49.30	28.0 QP	40.0	-12.0	1.00 V	13	36.5	-8.5
2	200.66	22.9 QP	43.5	-20.6	1.00 V	55	34.3	-11.4
3	345.21	25.4 QP	46.0	-20.6	1.00 V	304	31.7	-6.3
4	459.70	37.0 QP	46.0	-9.0	1.00 V	94	40.2	-3.2
5	570.30	35.3 QP	46.0	-10.7	1.50 V	302	36.4	-1.1
6	783.75	36.4 QP	46.0	-9.6	2.00 V	121	31.8	4.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB).
3. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value.
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.



Test Mode F (Internal antenna + Eth8 Radio) with Adapter

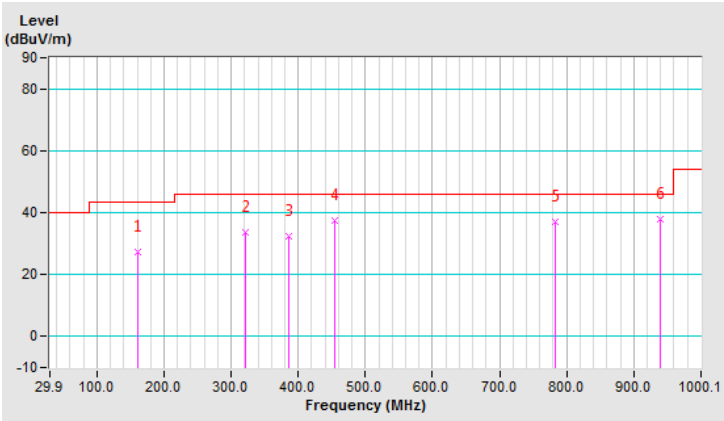
802.11ax (HE40)

CHANNEL	TX Channel 159	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	160.88	27.1 QP	43.5	-16.4	2.00 H	48	35.8	-8.7
2	320.96	33.8 QP	46.0	-12.2	1.00 H	63	40.5	-6.7
3	385.96	32.5 QP	46.0	-13.5	1.00 H	206	37.6	-5.1
4	453.88	37.4 QP	46.0	-8.6	2.00 H	185	40.7	-3.3
5	783.75	37.0 QP	46.0	-9.0	1.00 H	179	32.4	4.6
6	938.98	37.7 QP	46.0	-8.3	1.00 H	318	29.8	7.9

Remarks:

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

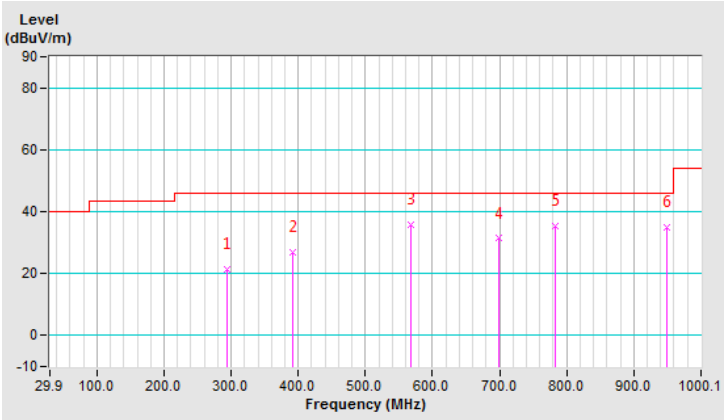


CHANNEL	TX Channel 159	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	293.79	21.2 QP	46.0	-24.8	1.00 V	133	28.7	-7.5
2	390.81	26.9 QP	46.0	-19.1	1.00 V	100	31.9	-5.0
3	568.36	35.6 QP	46.0	-10.4	1.00 V	316	36.8	-1.2
4	699.34	31.3 QP	46.0	-14.7	1.00 V	133	29.1	2.2
5	783.75	35.5 QP	46.0	-10.5	1.00 V	110	30.9	4.6
6	949.65	35.1 QP	46.0	-10.9	1.00 V	124	26.9	8.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB).
3. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value.
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.



Test Mode G (External antenna – PN: ATS-OO-245-46-4RPSP-36 + Eth6 Radio) with POE

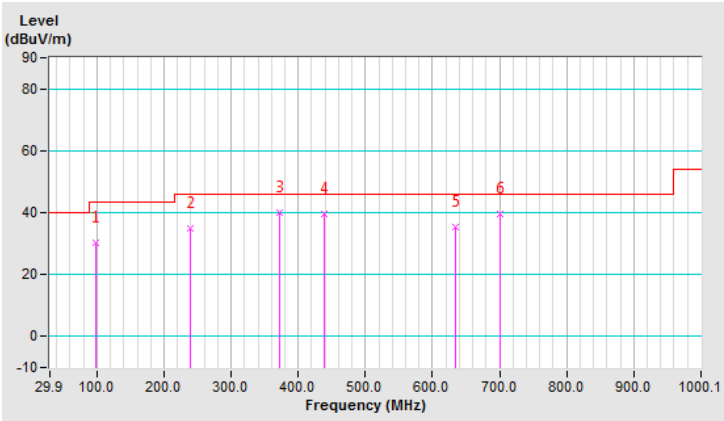
802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	97.81	30.1 QP	43.5	-13.4	1.00 H	7	43.7	-13.6
2	238.49	35.0 QP	46.0	-11.0	1.00 H	131	45.0	-10.0
3	372.38	40.1 QP	46.0	-5.9	1.00 H	219	45.5	-5.4
4	438.35	39.7 QP	46.0	-6.3	1.50 H	345	43.4	-3.7
5	633.36	35.3 QP	46.0	-10.7	2.00 H	68	34.6	0.7
6	700.31	39.4 QP	46.0	-6.6	1.00 H	150	37.2	2.2

Remarks:

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

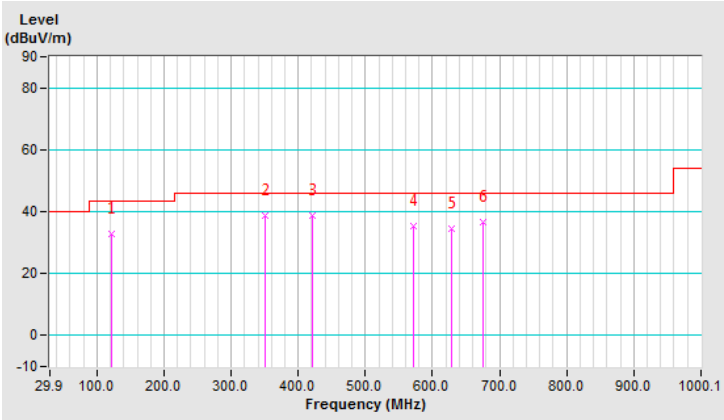


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	121.10	32.6 QP	43.5	-10.9	2.00 V	7	43.5	-10.9
2	350.07	38.9 QP	46.0	-7.1	1.00 V	42	45.1	-6.2
3	421.86	38.6 QP	46.0	-7.4	1.00 V	82	42.8	-4.2
4	571.27	35.2 QP	46.0	-10.8	1.00 V	92	36.2	-1.0
5	627.54	34.7 QP	46.0	-11.3	1.00 V	45	34.0	0.7
6	675.08	36.5 QP	46.0	-9.5	1.50 V	7	34.9	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. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value.
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.



Test Mode H (External antenna – PN: ATS-OO-245-46-4RPSP-36 + Eth6 Radio) with Adapter

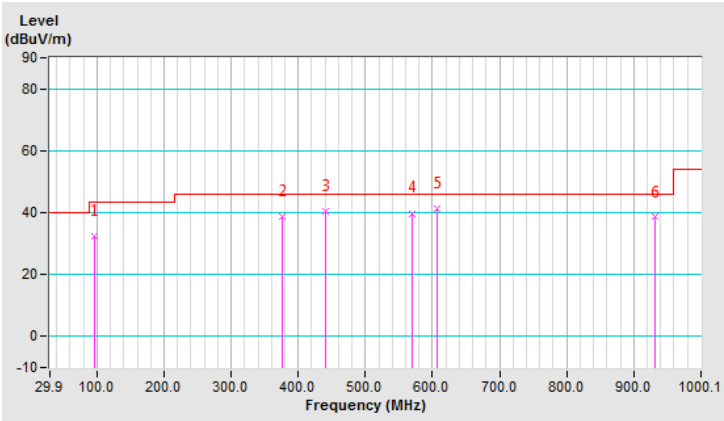
802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	96.84	32.5 QP	43.5	-11.0	1.00 H	204	46.3	-13.8
2	375.29	38.7 QP	46.0	-7.3	1.00 H	223	44.1	-5.4
3	441.26	40.4 QP	46.0	-5.6	1.00 H	346	44.1	-3.7
4	570.30	39.8 QP	46.0	-6.2	1.00 H	261	40.9	-1.1
5	607.17	41.3 QP	46.0	-4.7	1.00 H	275	41.0	0.3
6	932.19	38.5 QP	46.0	-7.5	1.00 H	67	30.7	7.8

Remarks:

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

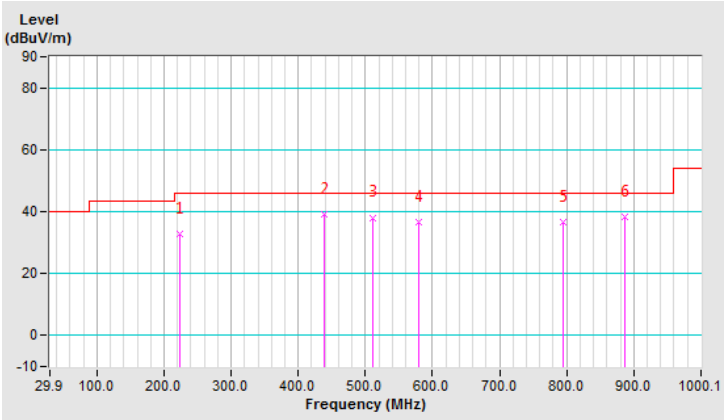


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	222.97	32.8 QP	46.0	-13.2	1.50 V	52	44.2	-11.4
2	438.35	39.3 QP	46.0	-6.7	1.00 V	62	43.0	-3.7
3	510.15	38.1 QP	46.0	-7.9	1.00 V	105	40.4	-2.3
4	580.00	36.4 QP	46.0	-9.6	1.00 V	100	37.1	-0.7
5	795.39	36.8 QP	46.0	-9.2	1.50 V	190	32.1	4.7
6	886.59	38.2 QP	46.0	-7.8	1.00 V	262	31.8	6.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB).
3. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value.
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.



Test Mode I (External antenna – PN: ATS-OO-245-46-4RPSP-36 + Eth7 Radio) with POE

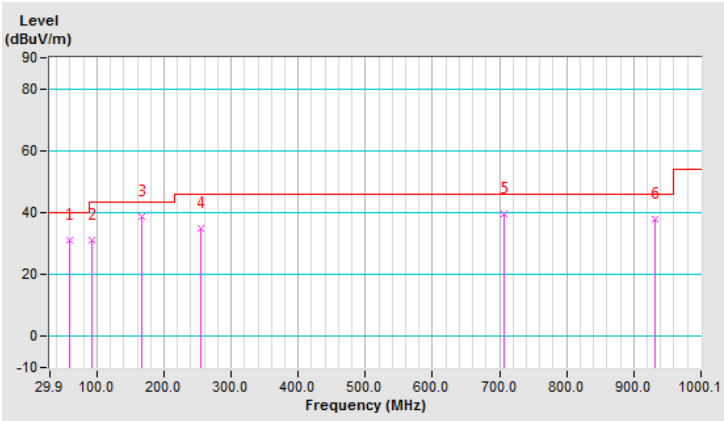
802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	59.01	31.0 QP	40.0	-9.0	2.00 H	175	39.7	-8.7
2	92.96	30.9 QP	43.5	-12.6	1.00 H	209	44.9	-14.0
3	167.67	38.6 QP	43.5	-4.9	1.00 H	115	47.5	-8.9
4	254.99	35.0 QP	46.0	-11.0	1.00 H	115	44.1	-9.1
5	706.13	39.4 QP	46.0	-6.6	1.00 H	135	37.1	2.3
6	931.22	37.7 QP	46.0	-8.3	1.00 H	138	29.9	7.8

Remarks:

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

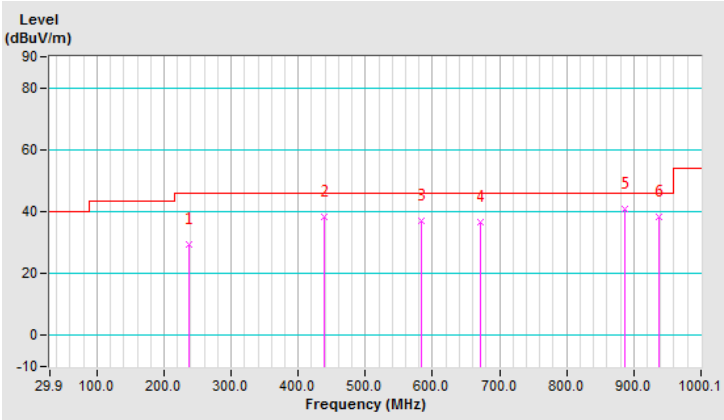


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	236.55	29.2 QP	46.0	-16.8	2.00 V	31	39.3	-10.1
2	438.35	38.5 QP	46.0	-7.5	1.00 V	63	42.2	-3.7
3	582.91	37.0 QP	46.0	-9.0	1.50 V	96	37.6	-0.6
4	671.20	36.8 QP	46.0	-9.2	1.00 V	267	35.3	1.5
5	886.59	40.7 QP	46.0	-5.3	1.50 V	344	34.3	6.4
6	938.01	38.1 QP	46.0	-7.9	1.00 V	109	30.2	7.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB).
3. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value.
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.



Test Mode J (External antenna – PN: ATS-OO-245-46-4RPSP-36 + Eth7 Radio) with Adapter

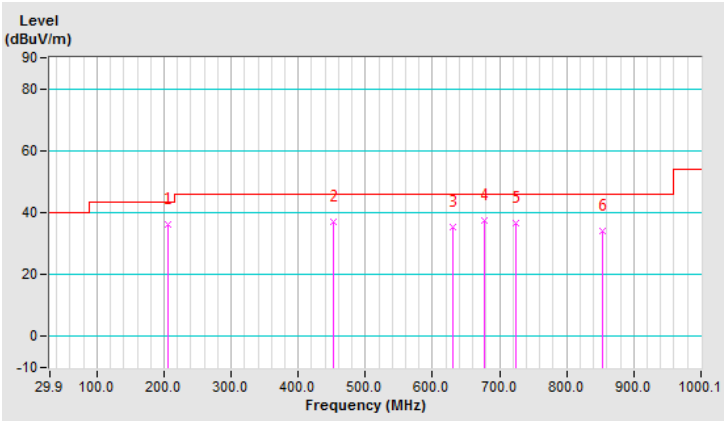
802.11ax (HE20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	205.51	36.3 QP	43.5	-7.2	1.00 H	32	47.8	-11.5
2	451.94	37.0 QP	46.0	-9.0	1.00 H	349	40.5	-3.5
3	629.48	35.2 QP	46.0	-10.8	2.00 H	19	34.5	0.7
4	677.02	37.3 QP	46.0	-8.7	1.00 H	67	35.6	1.7
5	724.56	36.5 QP	46.0	-9.5	1.00 H	141	33.7	2.8
6	853.60	33.9 QP	46.0	-12.1	1.00 H	41	27.9	6.0

Remarks:

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

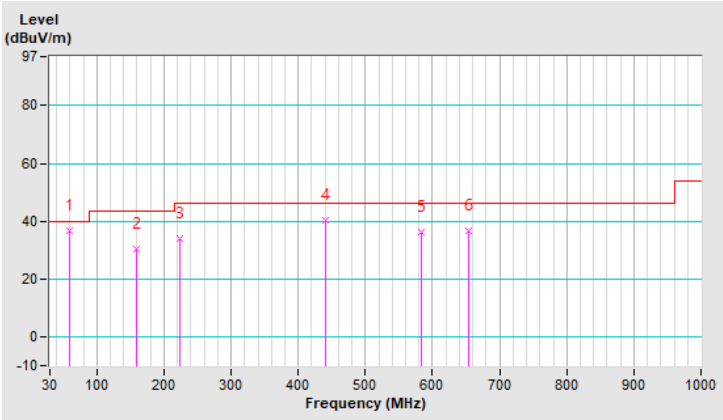


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	59.01	36.6 QP	40.0	-3.4	1.00 V	301	45.3	-8.7
2	158.94	30.5 QP	43.5	-13.0	1.00 V	191	39.0	-8.5
3	222.97	34.1 QP	46.0	-11.9	1.00 V	72	45.5	-11.4
4	441.26	40.1 QP	46.0	-5.9	1.00 V	104	43.8	-3.7
5	582.91	36.3 QP	46.0	-9.7	2.00 V	85	36.9	-0.6
6	654.71	36.7 QP	46.0	-9.3	1.00 V	76	35.6	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. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value.
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.



Test Mode K (External antenna – PN: ATS-OP-245-810-4RPSP-36 + Eth6 Radio) with POE

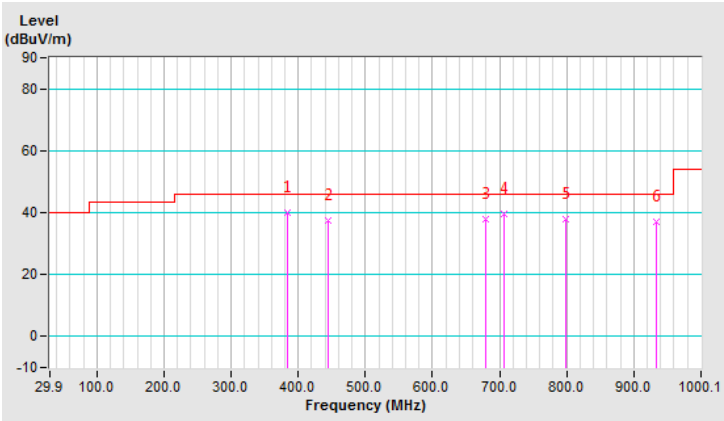
802.11ax (HE40)

CHANNEL	TX Channel 159	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	383.05	39.8 QP	46.0	-6.2	1.50 H	47	45.0	-5.2
2	445.15	37.6 QP	46.0	-8.4	1.00 H	340	41.2	-3.6
3	679.93	37.7 QP	46.0	-8.3	1.00 H	59	35.9	1.8
4	706.13	39.6 QP	46.0	-6.4	1.00 H	147	37.3	2.3
5	798.30	38.0 QP	46.0	-8.0	1.00 H	78	33.2	4.8
6	933.16	37.0 QP	46.0	-9.0	2.00 H	161	29.2	7.8

Remarks:

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

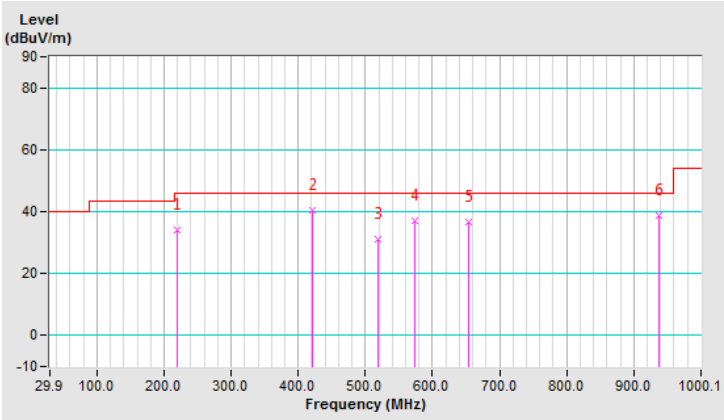


CHANNEL	TX Channel 159	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	220.06	33.9 QP	46.0	-12.1	1.50 V	94	45.2	-11.3
2	421.86	40.3 QP	46.0	-5.7	1.00 V	113	44.5	-4.2
3	518.88	31.3 QP	46.0	-14.7	1.00 V	36	33.4	-2.1
4	574.18	37.1 QP	46.0	-8.9	1.00 V	104	38.0	-0.9
5	654.71	36.4 QP	46.0	-9.6	2.00 V	89	35.3	1.1
6	937.04	38.7 QP	46.0	-7.3	1.00 V	134	30.8	7.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB).
3. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value.
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.



Test Mode L (External antenna – PN: ATS-OP-245-810-4RPSP-36 + Eth6 Radio) with Adapter

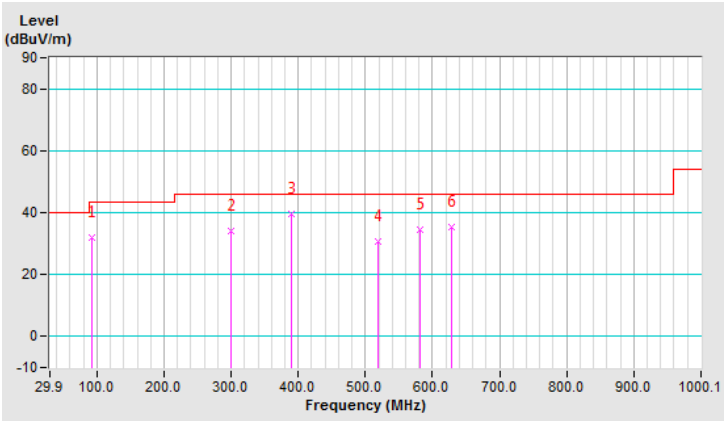
802.11ax (HE40)

CHANNEL	TX Channel 159	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	92.96	32.1 QP	43.5	-11.4	1.00 H	135	46.1	-14.0
2	299.62	34.1 QP	46.0	-11.9	1.00 H	196	41.5	-7.4
3	388.87	39.5 QP	46.0	-6.5	1.00 H	49	44.6	-5.1
4	518.88	30.5 QP	46.0	-15.5	1.00 H	331	32.6	-2.1
5	581.94	34.7 QP	46.0	-11.3	1.00 H	139	35.3	-0.6
6	627.54	35.4 QP	46.0	-10.6	1.00 H	72	34.7	0.7

Remarks:

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

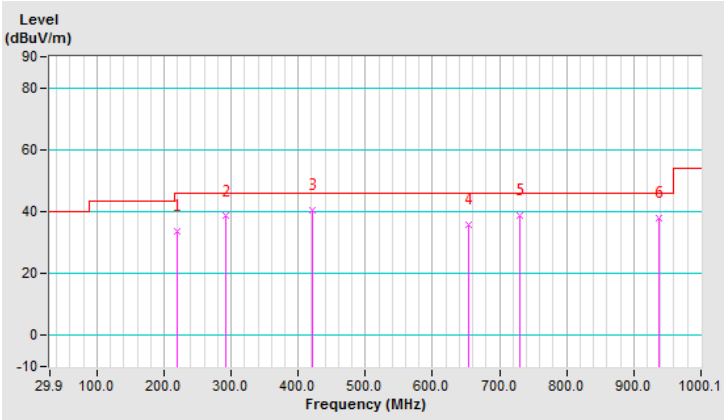


CHANNEL	TX Channel 159	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	220.06	33.5 QP	46.0	-12.5	1.50 V	87	44.8	-11.3
2	292.82	38.5 QP	46.0	-7.5	1.00 V	105	46.0	-7.5
3	421.86	40.5 QP	46.0	-5.5	1.00 V	101	44.7	-4.2
4	653.74	35.8 QP	46.0	-10.2	1.00 V	97	34.7	1.1
5	729.41	38.9 QP	46.0	-7.1	2.00 V	83	35.9	3.0
6	938.01	38.0 QP	46.0	-8.0	1.00 V	53	30.1	7.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB).
3. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value.
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.



Test Mode M (External antenna – PN: ATS-OP-245-810-4RPSP-36 + Eth7 Radio) with POE

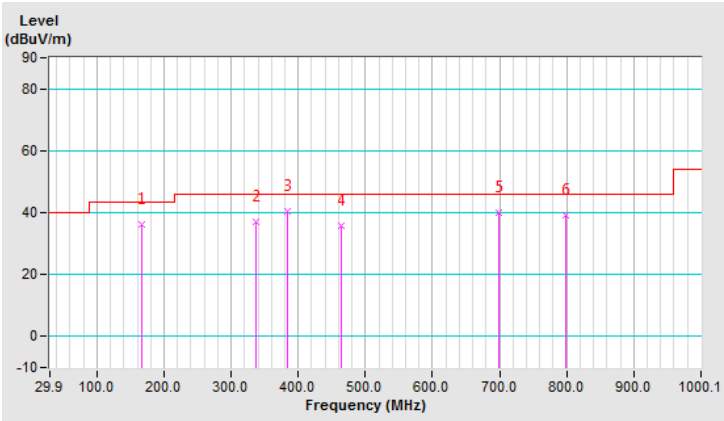
802.11ax (HE20)

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	167.67	36.3 QP	43.5	-7.2	1.00 H	105	45.2	-8.9
2	336.48	37.1 QP	46.0	-8.9	1.00 H	197	43.5	-6.4
3	383.05	40.4 QP	46.0	-5.6	1.00 H	211	45.6	-5.2
4	464.55	35.7 QP	46.0	-10.3	1.00 H	173	38.9	-3.2
5	698.37	39.8 QP	46.0	-6.2	1.00 H	57	37.7	2.1
6	799.27	39.0 QP	46.0	-7.0	1.00 H	130	34.2	4.8

Remarks:

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

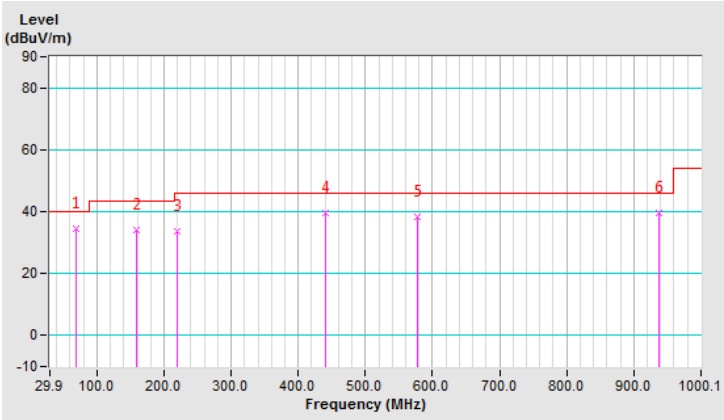


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	69.68	34.4 QP	40.0	-5.6	2.00 V	228	44.9	-10.5
2	158.94	34.1 QP	43.5	-9.4	1.00 V	7	42.6	-8.5
3	220.06	33.5 QP	46.0	-12.5	1.00 V	66	44.8	-11.3
4	441.26	39.5 QP	46.0	-6.5	1.00 V	82	43.2	-3.7
5	577.09	38.2 QP	46.0	-7.8	1.50 V	90	39.0	-0.8
6	938.01	39.5 QP	46.0	-6.5	1.00 V	88	31.6	7.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB).
3. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value.
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.



Test Mode N (External antenna – PN: ATS-OP-245-810-4RPSP-36 + Eth7 Radio) with Adapter

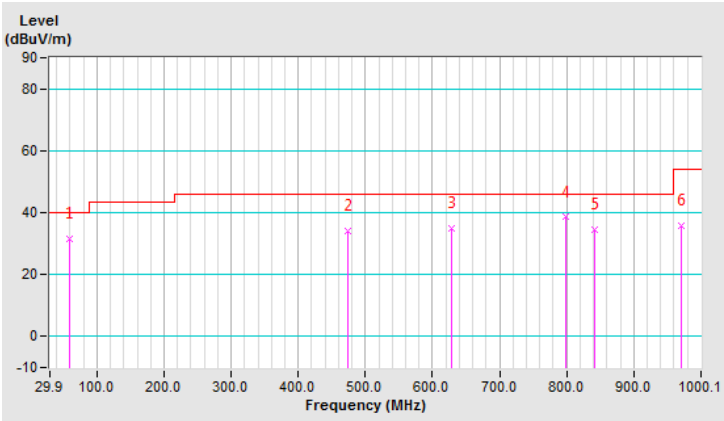
802.11ax (HE20)

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	59.01	31.6 QP	40.0	-8.4	1.00 H	185	40.3	-8.7
2	474.25	34.0 QP	46.0	-12.0	1.00 H	177	37.0	-3.0
3	627.54	34.8 QP	46.0	-11.2	1.50 H	72	34.1	0.7
4	798.30	38.5 QP	46.0	-7.5	1.00 H	137	33.7	4.8
5	840.99	34.3 QP	46.0	-11.7	2.00 H	51	28.5	5.8
6	970.99	35.9 QP	54.0	-18.1	1.00 H	5	27.4	8.5

Remarks:

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

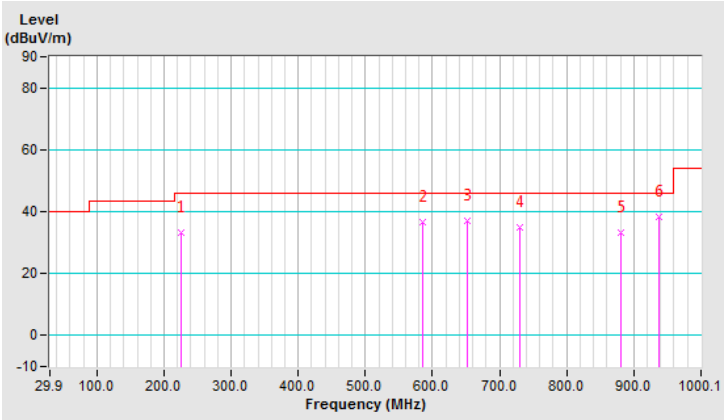


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	224.91	33.1 QP	46.0	-12.9	1.50 V	85	44.5	-11.4
2	585.82	36.6 QP	46.0	-9.4	1.00 V	89	37.0	-0.4
3	651.80	36.9 QP	46.0	-9.1	1.00 V	277	35.8	1.1
4	729.41	35.0 QP	46.0	-11.0	1.00 V	282	32.0	3.0
5	880.77	33.1 QP	46.0	-12.9	1.00 V	15	26.8	6.3
6	938.01	38.3 QP	46.0	-7.7	1.50 V	152	30.4	7.9

Remarks:

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



4.2 Conducted Emission Measurement

4.2.1 Limits of Conducted Emission Measurement

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

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

4.2.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver ROHDE & SCHWARZ	ESCS 30	100288	Jan. 03, 2019	Jan. 02, 2020
	ESCI	100613	Dec. 11, 2019	Dec. 10, 2020
RF signal cable Woken	5D-FB	Cable-cond1-01	Sep. 05, 2018	Sep. 04, 2019
			Sep. 05, 2019	Sep. 04, 2020
LISN ROHDE & SCHWARZ (EUT)	ENV216	101826	Feb. 21, 2019	Feb. 20, 2020
			Feb. 20, 2020	Feb. 19, 2021
LISN ROHDE & SCHWARZ (Peripheral)	ESH3-Z5	100311	Aug. 19, 2018	Aug. 18, 2019
			Aug. 22, 2019	Aug. 21, 2020
Software ADT	BV ADT_Cond_ V7.3.7.4	NA	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 HwaYa Shielded Room 1.
3. The VCCI Site Registration No. is C-12040.

4.2.3 Test Procedures

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

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

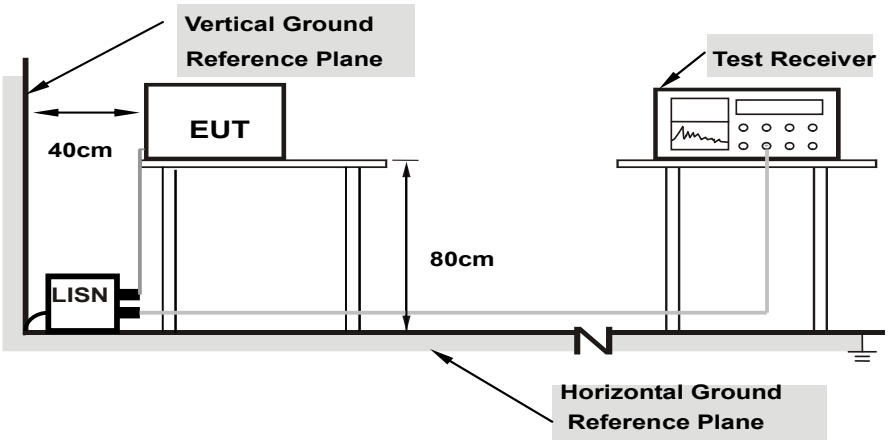
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

Note: The resolution bandwidth and video bandwidth of test receiver is 9kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15MHz-30MHz.

4.2.4 Deviation from Test Standard

No deviation.

4.2.5 Test Setup



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

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

4.2.6 EUT Operating Conditions

Same as 4.1.6.

4.2.7 Test Results

Worst-case data:

Test Mode A (Internal antenna + Eth6 Radio) with POE

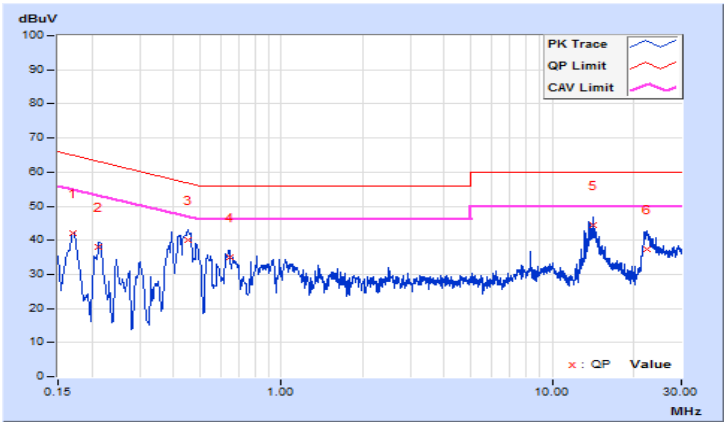
802.11ax (HE20)

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

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16955	9.56	32.50	24.00	42.06	33.56	64.98	54.98	-22.92	-21.42
2	0.21256	9.55	28.37	19.05	37.92	28.60	63.10	53.10	-25.18	-24.50
3	0.45335	9.57	30.60	20.57	40.17	30.14	56.81	46.81	-16.64	-16.67
4	0.64266	9.59	25.28	17.04	34.87	26.63	56.00	46.00	-21.13	-19.37
5	14.12825	9.81	34.62	32.04	44.43	41.85	60.00	50.00	-15.57	-8.15
6	22.50347	9.83	27.62	22.23	37.45	32.06	60.00	50.00	-22.55	-17.94

Remarks:

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

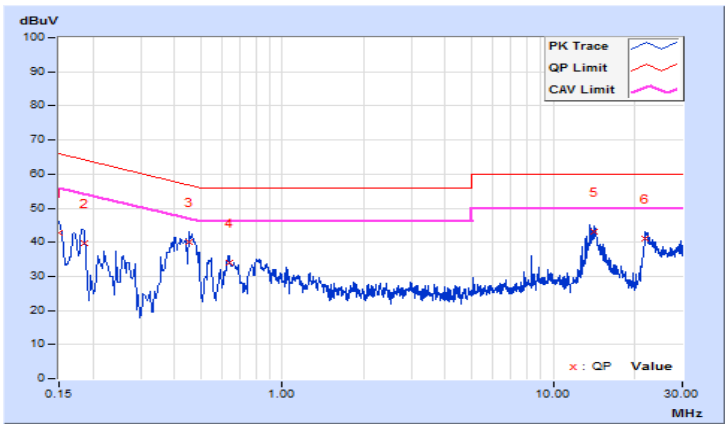


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	9.54	33.22	9.22	42.76	18.76	66.00	56.00	-23.24	-37.24
2	0.18519	9.53	30.33	15.03	39.86	24.56	64.25	54.25	-24.39	-29.69
3	0.45498	9.55	30.57	21.42	40.12	30.97	56.78	46.78	-16.66	-15.81
4	0.63484	9.57	24.48	16.79	34.05	26.36	56.00	46.00	-21.95	-19.64
5	14.13216	9.84	33.31	30.39	43.15	40.23	60.00	50.00	-16.85	-9.77
6	21.95216	9.89	31.30	27.00	41.19	36.89	60.00	50.00	-18.81	-13.11

Remarks:

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



Test Mode B (Internal antenna + Eth6 Radio) with Adapter

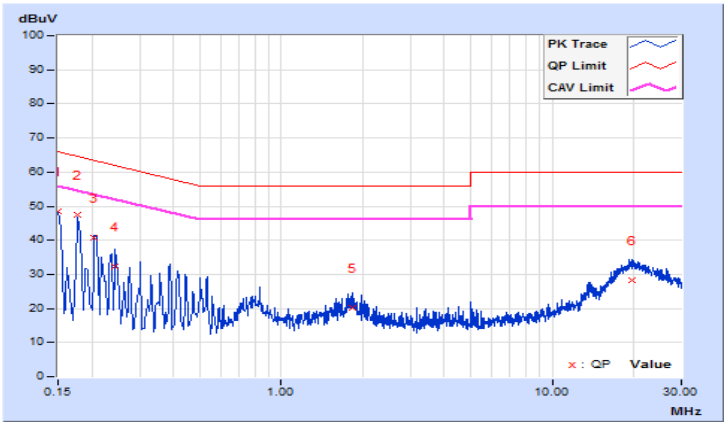
802.11ax (HE20)

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

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	9.56	38.94	28.81	48.50	38.37	66.00	56.00	-17.50	-17.63
2	0.17737	9.55	37.95	24.71	47.50	34.26	64.61	54.61	-17.11	-20.35
3	0.20474	9.55	31.25	19.85	40.80	29.40	63.42	53.42	-22.62	-24.02
4	0.24384	9.55	22.70	5.94	32.25	15.49	61.96	51.96	-29.71	-36.47
5	1.84303	9.65	10.59	2.66	20.24	12.31	56.00	46.00	-35.76	-33.69
6	19.72737	9.83	18.62	13.39	28.45	23.22	60.00	50.00	-31.55	-26.78

Remarks:

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

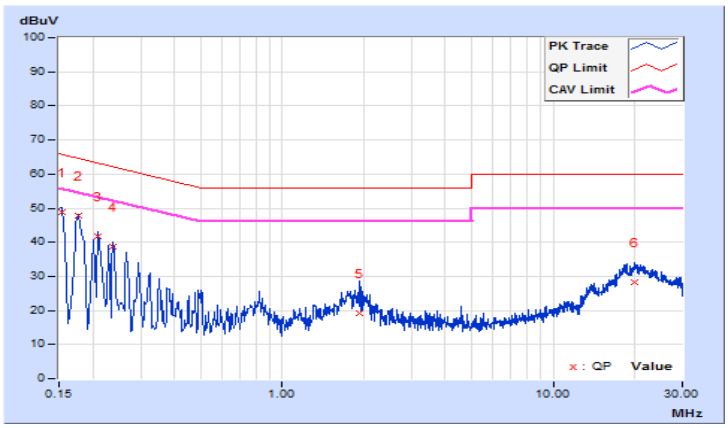


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	9.54	39.33	21.98	48.87	31.52	65.79	55.79	-16.92	-24.27
2	0.17698	9.53	38.13	24.81	47.66	34.34	64.63	54.63	-16.97	-20.29
3	0.20865	9.53	32.31	18.91	41.84	28.44	63.26	53.26	-21.42	-24.82
4	0.23602	9.53	29.20	15.67	38.73	25.20	62.24	52.24	-23.51	-27.04
5	1.92123	9.63	9.60	2.39	19.23	12.02	56.00	46.00	-36.77	-33.98
6	19.92287	9.88	18.29	12.97	28.17	22.85	60.00	50.00	-31.83	-27.15

Remarks:

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



Test Mode C (Internal antenna + Eth7 Radio) with POE

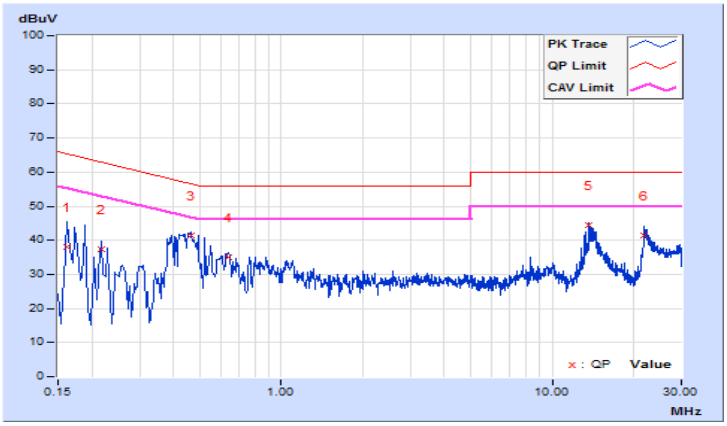
802.11ax (HE20)

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

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16173	9.56	28.42	12.72	37.98	22.28	65.37	55.37	-27.39	-33.09
2	0.21647	9.55	27.86	17.72	37.41	27.27	62.95	52.95	-25.54	-25.68
3	0.46280	9.57	31.90	24.13	41.47	33.70	56.64	46.64	-15.17	-12.94
4	0.63484	9.59	25.52	17.66	35.11	27.25	56.00	46.00	-20.89	-18.75
5	13.62386	9.81	34.68	33.05	44.49	42.86	60.00	50.00	-15.51	-7.14
6	21.94825	9.83	31.75	27.39	41.58	37.22	60.00	50.00	-18.42	-12.78

Remarks:

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

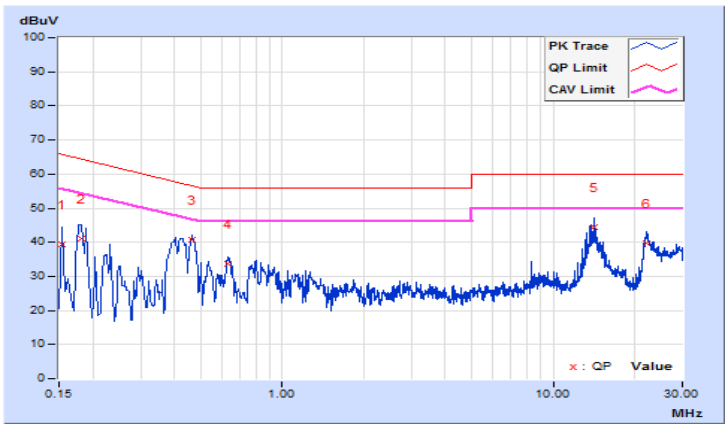


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	9.54	29.76	6.87	39.30	16.41	65.79	55.79	-26.49	-39.38
2	0.18128	9.53	31.43	18.83	40.96	28.36	64.43	54.43	-23.47	-26.07
3	0.46280	9.55	31.03	23.29	40.58	32.84	56.64	46.64	-16.06	-13.80
4	0.62702	9.57	24.08	15.17	33.65	24.74	56.00	46.00	-22.35	-21.26
5	14.12825	9.84	34.67	32.11	44.51	41.95	60.00	50.00	-15.49	-8.05
6	22.20240	9.89	29.83	24.67	39.72	34.56	60.00	50.00	-20.28	-15.44

Remarks:

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



Test Mode D (Internal antenna + Eth7 Radio) with Adapter

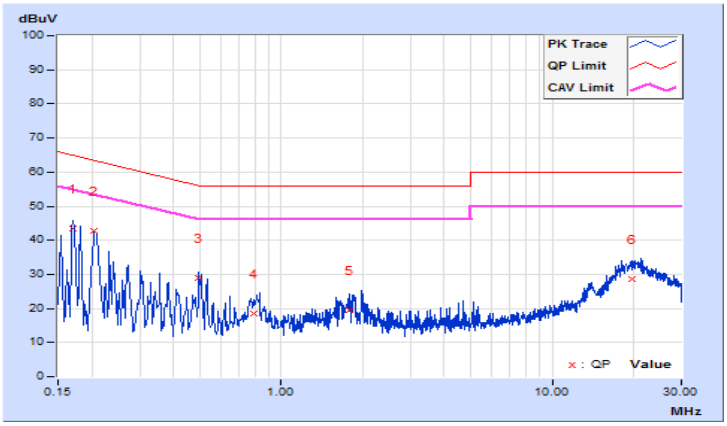
802.11ax (HE20)

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

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16955	9.56	33.87	13.27	43.43	22.83	64.98	54.98	-21.55	-32.15
2	0.20474	9.55	33.27	19.96	42.82	29.51	63.42	53.42	-20.60	-23.91
3	0.49799	9.58	19.43	10.12	29.01	19.70	56.03	46.03	-27.02	-26.33
4	0.79515	9.60	9.07	3.52	18.67	13.12	56.00	46.00	-37.33	-32.88
5	1.79611	9.65	9.74	2.32	19.39	11.97	56.00	46.00	-36.61	-34.03
6	19.76256	9.83	18.80	13.57	28.63	23.40	60.00	50.00	-31.37	-26.60

Remarks:

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

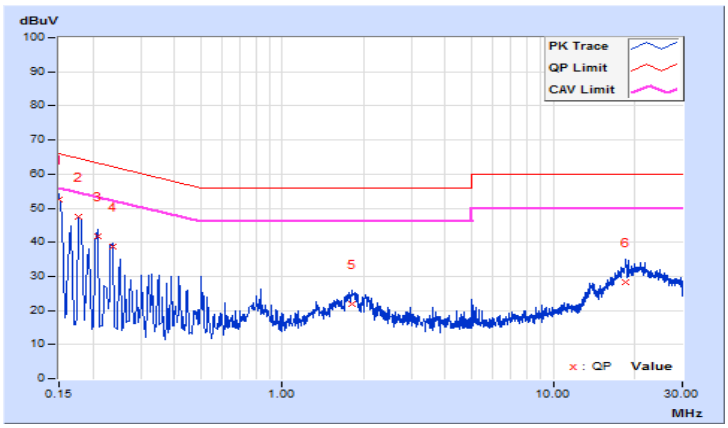


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	9.54	43.02	28.48	52.56	38.02	66.00	56.00	-13.44	-17.98
2	0.17737	9.53	38.04	24.46	47.57	33.99	64.61	54.61	-17.04	-20.62
3	0.20865	9.53	32.29	18.94	41.82	28.47	63.26	53.26	-21.44	-24.79
4	0.23602	9.53	29.34	16.00	38.87	25.53	62.24	52.24	-23.37	-26.71
5	1.80784	9.62	12.28	4.53	21.90	14.15	56.00	46.00	-34.10	-31.85
6	18.59738	9.87	18.25	12.91	28.12	22.78	60.00	50.00	-31.88	-27.22

Remarks:

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



Test Mode E (Internal antenna + Eth8 Radio) with POE

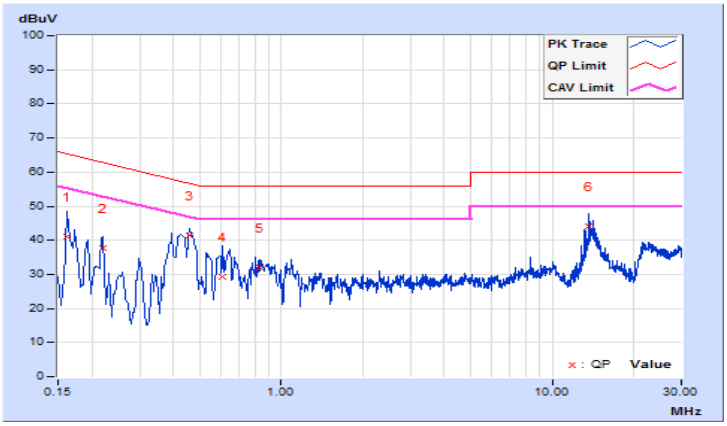
802.11ax (HE40)

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

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16173	9.56	31.66	14.48	41.22	24.04	65.37	55.37	-24.15	-31.33
2	0.21966	9.55	28.09	15.58	37.64	25.13	62.83	52.83	-25.19	-27.70
3	0.45889	9.57	31.79	23.53	41.36	33.10	56.71	46.71	-15.35	-13.61
4	0.60737	9.58	19.86	9.30	29.44	18.88	56.00	46.00	-26.56	-27.12
5	0.83425	9.60	22.46	14.23	32.06	23.83	56.00	46.00	-23.94	-22.17
6	13.61995	9.81	34.36	32.69	44.17	42.50	60.00	50.00	-15.83	-7.50

Remarks:

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

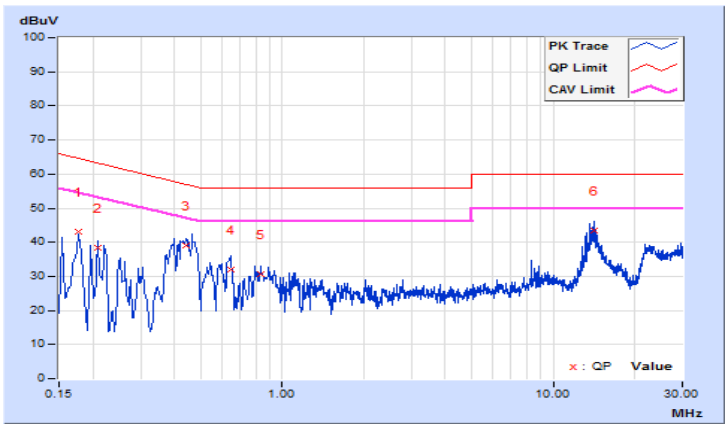


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.17737	9.53	33.58	20.51	43.11	30.04	64.61	54.61	-21.50	-24.57
2	0.20865	9.53	28.85	16.39	38.38	25.92	63.26	53.26	-24.88	-27.34
3	0.44273	9.55	29.40	17.33	38.95	26.88	57.01	47.01	-18.06	-20.13
4	0.65044	9.57	22.43	12.75	32.00	22.32	56.00	46.00	-24.00	-23.68
5	0.83425	9.58	21.21	12.92	30.79	22.50	56.00	46.00	-25.21	-23.50
6	14.12434	9.84	33.60	30.81	43.44	40.65	60.00	50.00	-16.56	-9.35

Remarks:

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



Test Mode F (Internal antenna + Eth8 Radio) with Adapter

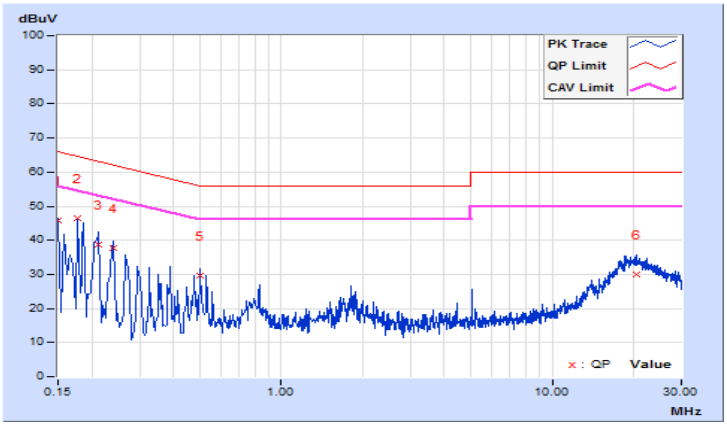
802.11ax (HE40)

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

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	9.56	36.11	29.25	45.67	38.81	66.00	56.00	-20.33	-17.19
2	0.17737	9.55	36.77	24.70	46.32	34.25	64.61	54.61	-18.29	-20.36
3	0.21256	9.55	29.25	14.92	38.80	24.47	63.10	53.10	-24.30	-28.63
4	0.23993	9.55	28.08	14.63	37.63	24.18	62.10	52.10	-24.47	-27.92
5	0.50190	9.58	20.12	11.95	29.70	21.53	56.00	46.00	-26.30	-24.47
6	20.36861	9.83	20.27	14.84	30.10	24.67	60.00	50.00	-29.90	-25.33

Remarks:

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

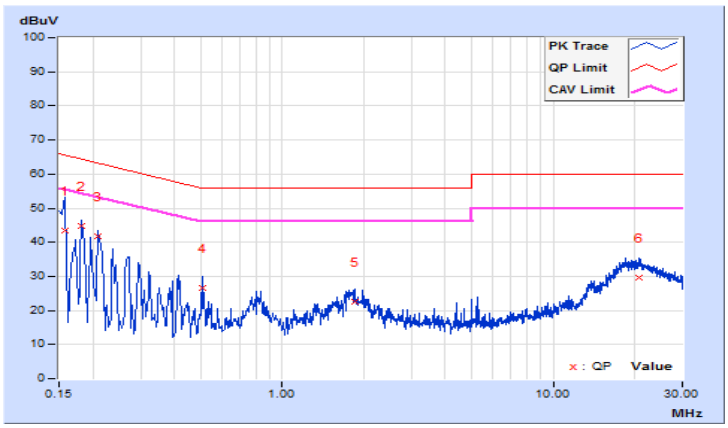


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15782	9.54	34.03	11.28	43.57	20.82	65.58	55.58	-22.01	-34.76
2	0.18128	9.53	35.39	21.38	44.92	30.91	64.43	54.43	-19.51	-23.52
3	0.20865	9.53	32.29	19.07	41.82	28.60	63.26	53.26	-21.44	-24.66
4	0.50581	9.56	17.00	5.96	26.56	15.52	56.00	46.00	-29.44	-30.48
5	1.84694	9.62	12.84	5.35	22.46	14.97	56.00	46.00	-33.54	-31.03
6	20.74006	9.88	19.68	14.22	29.56	24.10	60.00	50.00	-30.44	-25.90

Remarks:

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



Test Mode G (External antenna – PN: ATS-OO-245-46-4RPSP-36 + Eth6 Radio) with POE

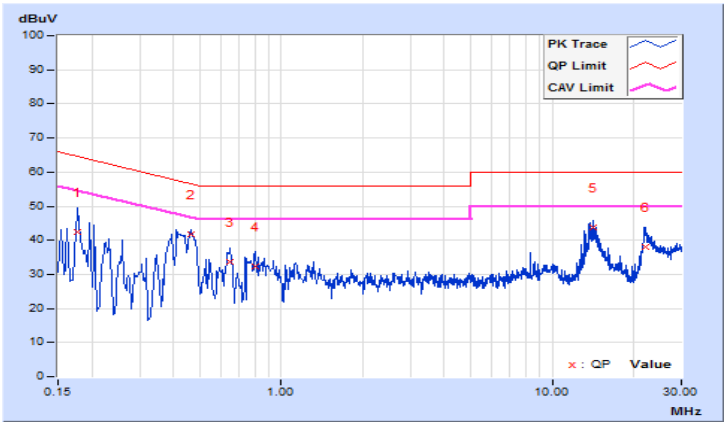
802.11ax (HE20)

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

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.17737	9.55	33.03	21.55	42.58	31.10	64.61	54.61	-22.03	-23.51
2	0.46280	9.57	32.17	24.40	41.74	33.97	56.64	46.64	-14.90	-12.67
3	0.65044	9.59	23.97	14.26	33.56	23.85	56.00	46.00	-22.44	-22.15
4	0.80297	9.60	22.65	13.46	32.25	23.06	56.00	46.00	-23.75	-22.94
5	14.12825	9.81	33.91	31.19	43.72	41.00	60.00	50.00	-16.28	-9.00
6	22.08119	9.83	28.38	22.97	38.21	32.80	60.00	50.00	-21.79	-17.20

Remarks:

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

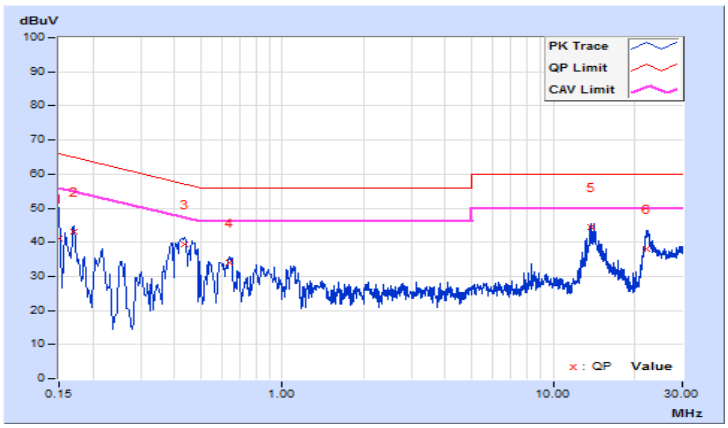


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	9.54	31.37	8.39	40.91	17.93	66.00	56.00	-25.09	-38.07
2	0.16955	9.54	33.42	22.80	42.96	32.34	64.98	54.98	-22.02	-22.64
3	0.43464	9.55	29.87	20.14	39.42	29.69	57.16	47.16	-17.74	-17.47
4	0.63484	9.57	24.58	16.72	34.15	26.29	56.00	46.00	-21.85	-19.71
5	13.87801	9.83	34.59	31.91	44.42	41.74	60.00	50.00	-15.58	-8.26
6	22.15939	9.89	28.22	22.87	38.11	32.76	60.00	50.00	-21.89	-17.24

Remarks:

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



Test Mode H (External antenna – PN: ATS-OO-245-46-4RPSP-36 + Eth6 Radio) with Adapter

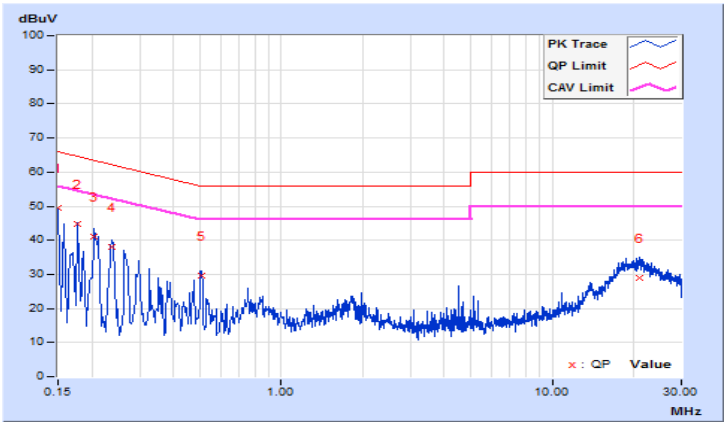
802.11ax (HE20)

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

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	9.56	40.04	28.97	49.60	38.53	66.00	56.00	-16.40	-17.47
2	0.17737	9.55	35.17	23.62	44.72	33.17	64.61	54.61	-19.89	-21.44
3	0.20474	9.55	31.43	16.87	40.98	26.42	63.42	53.42	-22.44	-27.00
4	0.23602	9.55	28.63	14.68	38.18	24.23	62.24	52.24	-24.06	-28.01
5	0.50972	9.58	19.97	10.49	29.55	20.07	56.00	46.00	-26.45	-25.93
6	20.91601	9.83	19.11	13.76	28.94	23.59	60.00	50.00	-31.06	-26.41

Remarks:

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

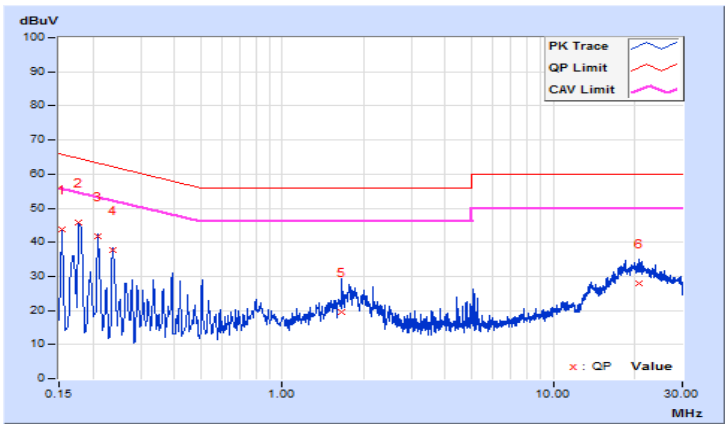


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	9.54	34.09	23.77	43.63	33.31	65.79	55.79	-22.16	-22.48
2	0.17737	9.53	36.16	23.51	45.69	33.04	64.61	54.61	-18.92	-21.57
3	0.20865	9.53	32.20	19.04	41.73	28.57	63.26	53.26	-21.53	-24.69
4	0.23602	9.53	28.24	14.05	37.77	23.58	62.24	52.24	-24.47	-28.66
5	1.66317	9.62	9.88	2.91	19.50	12.53	56.00	46.00	-36.50	-33.47
6	20.67750	9.88	18.12	12.92	28.00	22.80	60.00	50.00	-32.00	-27.20

Remarks:

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



Test Mode I (External antenna – PN: ATS-OO-245-46-4RPSP-36 + Eth7 Radio) with POE

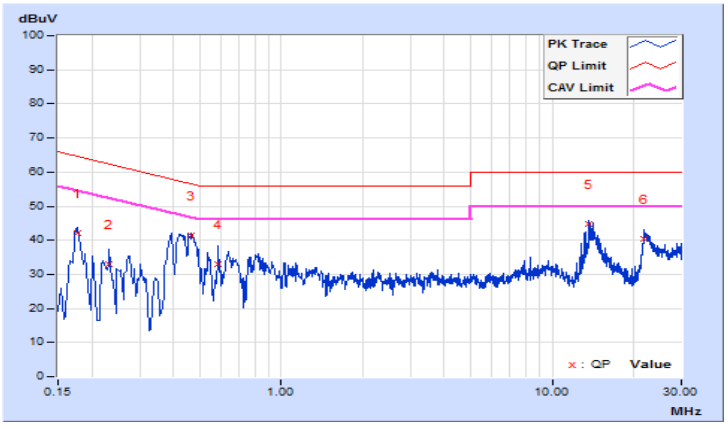
802.11ax (HE20)

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

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.17651	9.55	32.55	22.03	42.10	31.58	64.65	54.65	-22.55	-23.07
2	0.23211	9.55	23.41	9.01	32.96	18.56	62.37	52.37	-29.41	-33.81
3	0.46669	9.57	31.78	23.65	41.35	33.22	56.57	46.57	-15.22	-13.35
4	0.58401	9.58	23.37	13.62	32.95	23.20	56.00	46.00	-23.05	-22.80
5	**13.62777**	**9.81**	**35.00**	**33.53**	**44.81**	**43.34**	**60.00**	**50.00**	**-15.19**	**-6.66**
6	21.95216	9.83	30.59	26.06	40.42	35.89	60.00	50.00	-19.58	-14.11

Remarks:

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

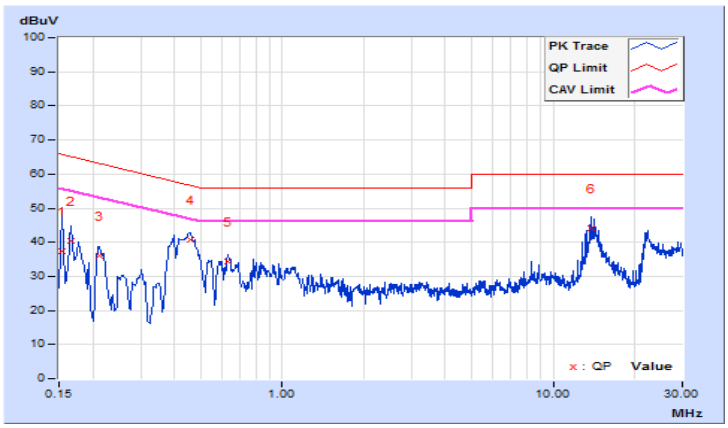


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	9.54	27.68	5.25	37.22	14.79	65.79	55.79	-28.57	-41.00
2	0.16564	9.54	31.01	17.77	40.55	27.31	65.18	55.18	-24.63	-27.87
3	0.21256	9.53	26.45	16.65	35.98	26.18	63.10	53.10	-27.12	-26.92
4	0.45816	9.55	31.19	21.89	40.74	31.44	56.73	46.73	-15.99	-15.29
5	0.63020	9.57	24.69	15.93	34.26	25.50	56.00	46.00	-21.74	-20.50
6	13.87801	9.83	34.31	31.75	44.14	41.58	60.00	50.00	-15.86	-8.42

Remarks:

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



Test Mode J (External antenna – PN: ATS-OO-245-46-4RPSP-36 + Eth7 Radio) with Adapter

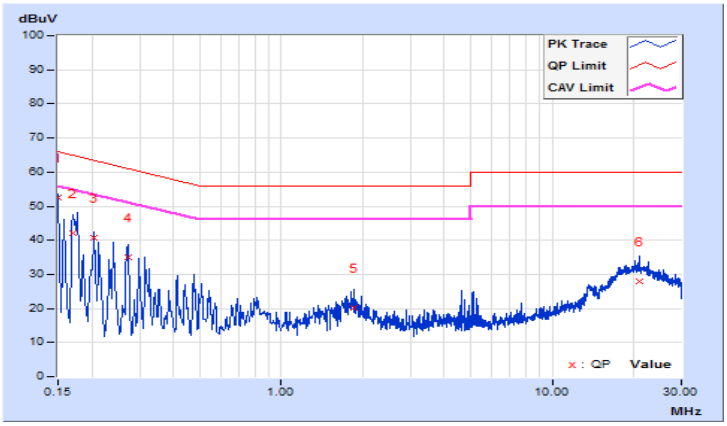
802.11ax (HE20)

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

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	9.56	42.99	29.06	52.55	38.62	66.00	56.00	-13.45	-17.38
2	0.16955	9.56	32.51	8.52	42.07	18.08	64.98	54.98	-22.91	-36.90
3	0.20474	9.55	31.12	16.55	40.67	26.10	63.42	53.42	-22.75	-27.32
4	0.27120	9.56	25.29	10.92	34.85	20.48	61.08	51.08	-26.23	-30.60
5	1.85476	9.65	10.41	2.35	20.06	12.00	56.00	46.00	-35.94	-34.00
6	20.98639	9.83	18.26	13.09	28.09	22.92	60.00	50.00	-31.91	-27.08

Remarks:

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

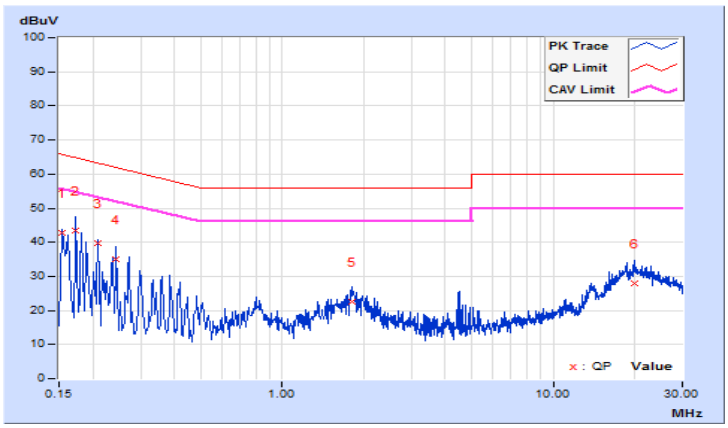


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	9.54	33.08	24.00	42.62	33.54	65.79	55.79	-23.17	-22.25
2	0.17346	9.54	33.94	17.14	43.48	26.68	64.79	54.79	-21.31	-28.11
3	0.20865	9.53	30.17	19.07	39.70	28.60	63.26	53.26	-23.56	-24.66
4	0.24384	9.53	25.42	9.60	34.95	19.13	61.96	51.96	-27.01	-32.83
5	1.81957	9.62	12.92	5.10	22.54	14.72	56.00	46.00	-33.46	-31.28
6	19.91505	9.88	18.20	12.93	28.08	22.81	60.00	50.00	-31.92	-27.19

Remarks:

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



Test Mode K (External antenna – PN: ATS-OP-245-810-4RPSP-36 + Eth6 Radio) with POE

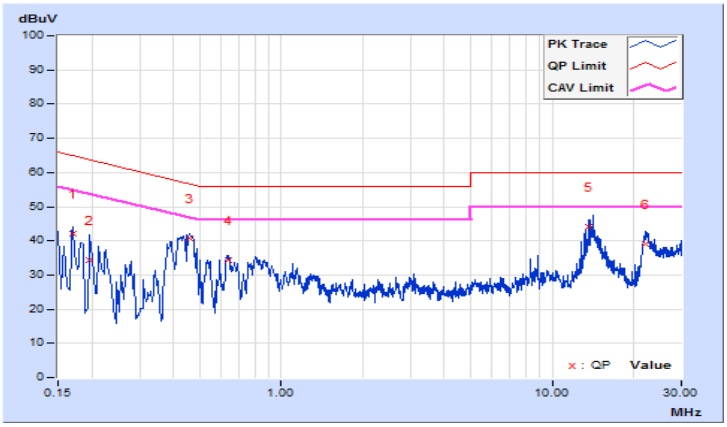
802.11ax (HE40)

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

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16955	9.56	32.52	22.28	42.08	31.84	64.98	54.98	-22.90	-23.14
2	0.19692	9.55	24.78	3.98	34.33	13.53	63.74	53.74	-29.41	-40.21
3	0.45816	9.57	31.30	21.94	40.87	31.51	56.73	46.73	-15.86	-15.22
4	0.63484	9.59	24.84	16.50	34.43	26.09	56.00	46.00	-21.57	-19.91
5	13.63168	9.81	34.36	32.59	44.17	42.40	60.00	50.00	-15.83	-7.60
6	22.21022	9.83	29.28	24.03	39.11	33.86	60.00	50.00	-20.89	-16.14

Remarks:

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

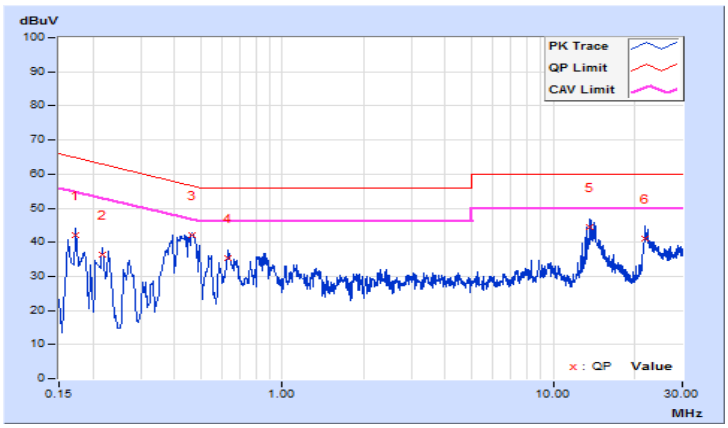


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.17346	9.54	32.59	23.10	42.13	32.64	64.79	54.79	-22.66	-22.15
2	0.21647	9.53	26.84	17.70	36.37	27.23	62.95	52.95	-26.58	-25.72
3	0.46179	9.55	32.38	23.75	41.93	33.30	56.66	46.66	-14.73	-13.36
4	0.63093	9.57	25.89	17.19	35.46	26.76	56.00	46.00	-20.54	-19.24
5	13.62777	9.83	34.56	32.84	44.39	42.67	60.00	50.00	-15.61	-7.33
6	21.95998	9.89	31.14	26.75	41.03	36.64	60.00	50.00	-18.97	-13.36

Remarks:

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



Test Mode L (External antenna – PN: ATS-OP-245-810-4RPSP-36 + Eth6 Radio) with Adapter

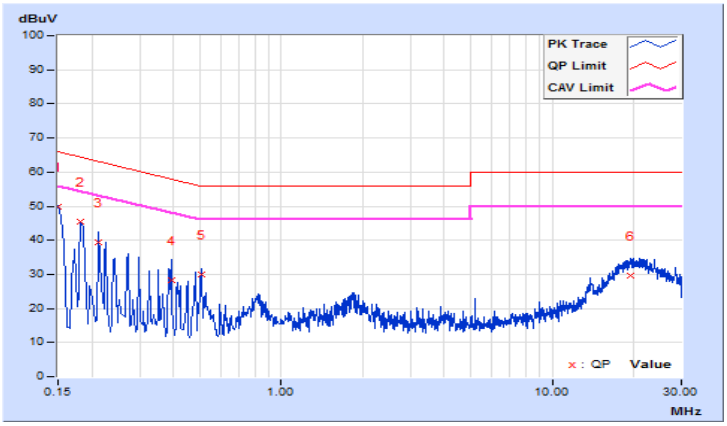
802.11ax (HE40)

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

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	9.56	40.13	29.21	49.69	38.77	66.00	56.00	-16.31	-17.23
2	0.18128	9.55	35.74	22.22	45.29	31.77	64.43	54.43	-19.14	-22.66
3	0.21256	9.55	29.87	15.77	39.42	25.32	63.10	53.10	-23.68	-27.78
4	0.39242	9.57	18.69	5.43	28.26	15.00	58.01	48.01	-29.75	-33.01
5	0.50581	9.58	20.23	12.01	29.81	21.59	56.00	46.00	-26.19	-24.41
6	19.45367	9.83	19.78	14.46	29.61	24.29	60.00	50.00	-30.39	-25.71

Remarks:

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

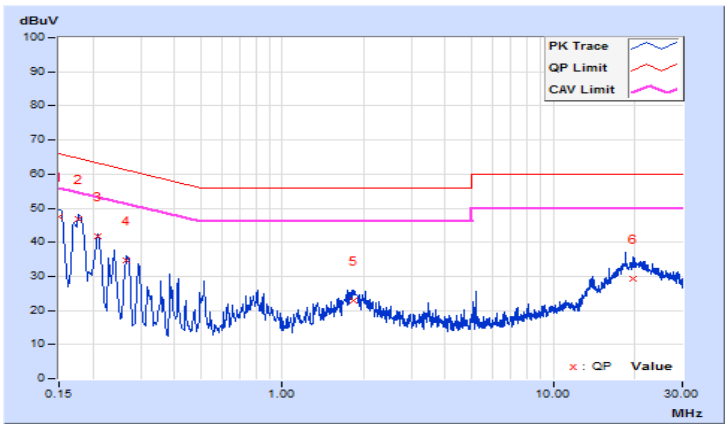


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	9.54	38.02	28.89	47.56	38.43	66.00	56.00	-18.44	-17.57
2	0.17737	9.53	37.43	23.91	46.96	33.44	64.61	54.61	-17.65	-21.17
3	0.20865	9.53	32.31	19.30	41.84	28.83	63.26	53.26	-21.42	-24.43
4	0.26730	9.54	25.24	11.08	34.78	20.62	61.20	51.20	-26.42	-30.58
5	1.84303	9.62	13.26	5.49	22.88	15.11	56.00	46.00	-33.12	-30.89
6	19.82903	9.88	19.41	14.24	29.29	24.12	60.00	50.00	-30.71	-25.88

Remarks:

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



Test Mode M (External antenna – PN: ATS-OP-245-810-4RPSP-36 + Eth7 Radio) with POE

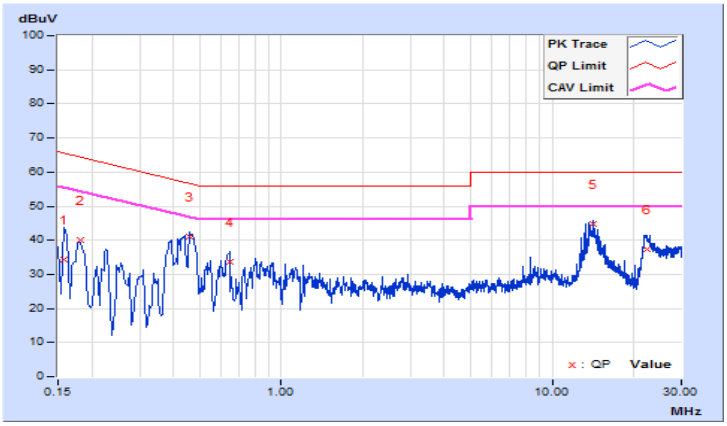
802.11ax (HE20)

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

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15782	9.56	24.62	4.79	34.18	14.35	65.58	55.58	-31.40	-41.23
2	0.18128	9.55	30.61	19.46	40.16	29.01	64.43	54.43	-24.27	-25.42
3	0.45889	9.57	31.46	22.05	41.03	31.62	56.71	46.71	-15.68	-15.09
4	0.64532	9.59	24.17	15.16	33.76	24.75	56.00	46.00	-22.24	-21.25
5	14.13607	9.81	34.84	32.30	44.65	42.11	60.00	50.00	-15.35	-7.89
6	22.37835	9.83	27.58	22.17	37.41	32.00	60.00	50.00	-22.59	-18.00

Remarks:

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

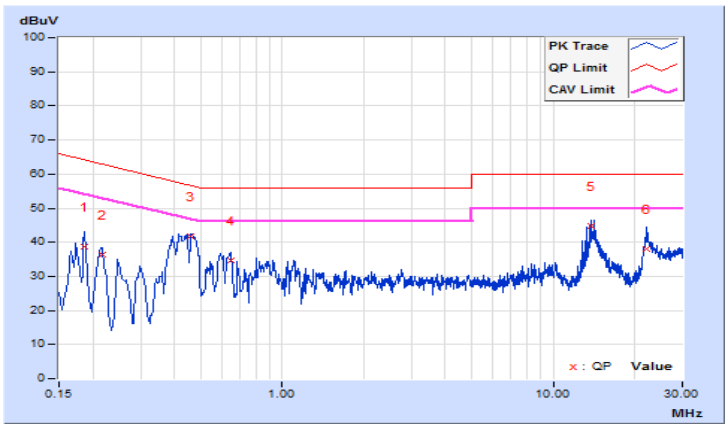


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.18519	9.53	29.28	15.53	38.81	25.06	64.25	54.25	-25.44	-29.19
2	0.21565	9.53	26.96	18.26	36.49	27.79	62.98	52.98	-26.49	-25.19
3	0.45889	9.55	32.23	23.05	41.78	32.60	56.71	46.71	-14.93	-14.11
4	0.64657	9.57	25.08	15.85	34.65	25.42	56.00	46.00	-21.35	-20.58
5	13.88192	9.83	34.88	32.52	44.71	42.35	60.00	50.00	-15.29	-7.65
6	22.04209	9.89	28.11	22.87	38.00	32.76	60.00	50.00	-22.00	-17.24

Remarks:

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



Test Mode N (External antenna – PN: ATS-OP-245-810-4RPSP-36 + Eth7 Radio) with Adapter

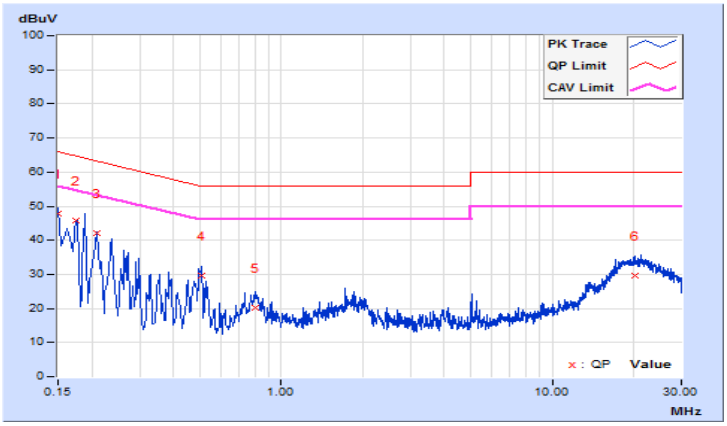
802.11ax (HE20)

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

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	9.56	38.11	29.21	47.67	38.77	66.00	56.00	-18.33	-17.23
2	0.17466	9.56	36.22	22.11	45.78	31.67	64.74	54.74	-18.96	-23.07
3	0.20865	9.55	32.51	20.18	42.06	29.73	63.26	53.26	-21.20	-23.53
4	0.50581	9.58	20.18	11.83	29.76	21.41	56.00	46.00	-26.24	-24.59
5	0.79885	9.60	10.52	4.67	20.12	14.27	56.00	46.00	-35.88	-31.73
6	20.25131	9.83	19.95	14.68	29.78	24.51	60.00	50.00	-30.22	-25.49

Remarks:

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

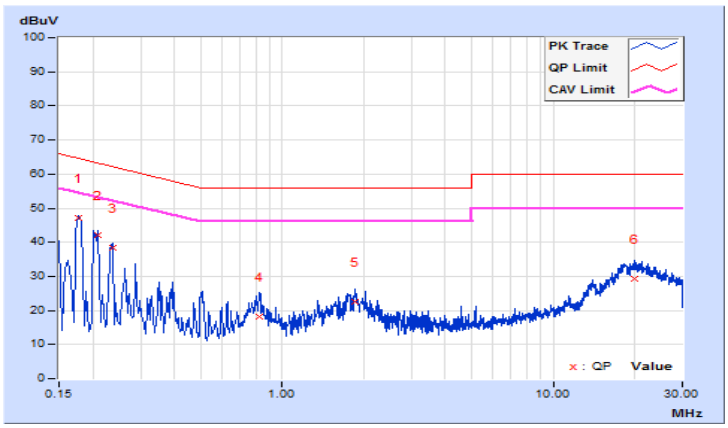


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.17737	9.53	37.66	24.48	47.19	34.01	64.61	54.61	-17.42	-20.60
2	0.20865	9.53	32.41	19.78	41.94	29.31	63.26	53.26	-21.32	-23.95
3	0.23602	9.53	28.85	15.24	38.38	24.77	62.24	52.24	-23.86	-27.47
4	0.81861	9.58	8.50	3.40	18.08	12.98	56.00	46.00	-37.92	-33.02
5	1.84694	9.62	12.97	5.40	22.59	15.02	56.00	46.00	-33.41	-30.98
6	19.98543	9.88	19.29	14.10	29.17	23.98	60.00	50.00	-30.83	-26.02

Remarks:

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



4.3 Transmit Power Measurement

4.3.1 Limits of Transmit Power Measurement

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

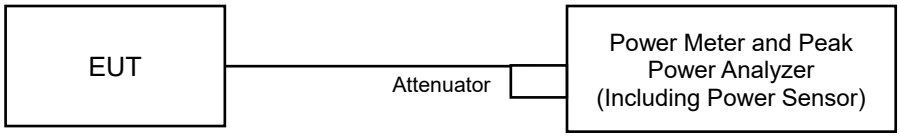
*B is the 26 dB emission bandwidth in megahertz

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

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

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

4.3.2 Test Setup



4.3.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.3.4 Test Procedure

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

4.3.5 Deviation from Test Standard

No deviation.

4.3.6 EUT Operating Conditions

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

4.3.7 Test Result

Test Mode A (Internal antenna + Eth6 Radio)

1TX (CDD Mode)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	90.573	19.57	30.00	Pass
40	5200	143.880	21.58	30.00	Pass
48	5240	60.117	17.79	30.00	Pass
149	5745	146.555	21.66	30.00	Pass
157	5785	143.880	21.58	30.00	Pass
165	5825	**147.571**	21.69	30.00	Pass

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	64.269	18.08	30.00	Pass
40	5200	**145.211**	21.62	30.00	Pass
48	5240	69.663	18.43	30.00	Pass
149	5745	145.211	21.62	30.00	Pass
157	5785	146.893	21.67	30.00	Pass
165	5825	146.218	21.65	30.00	Pass

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
38	5190	43.251	16.36	30.00	Pass
46	5230	133.045	21.24	30.00	Pass
151	5755	146.893	21.67	30.00	Pass
159	5795	147.231	21.68	30.00	Pass

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
42	5210	40.179	16.04	30.00	Pass
155	5775	97.275	19.88	30.00	Pass

2TX (CDD Mode)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 2	Chain 3				
36	5180	17.33	17.01	104.309	20.18	30.00	Pass
40	5200	20.66	20.22	221.609	23.46	30.00	Pass
48	5240	17.79	17.49	116.222	20.65	30.00	Pass
149	5745	20.04	20.39	210.321	23.23	30.00	Pass
157	5785	20.13	20.33	210.934	23.24	30.00	Pass
165	5825	20.11	20.42	212.719	23.28	30.00	Pass

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 2	Chain 3				
36	5180	17.05	16.52	95.574	19.80	30.00	Pass
40	5200	20.72	20.26	**224.202**	23.51	30.00	Pass
48	5240	18.43	17.50	125.897	21.00	30.00	Pass
149	5745	20.15	20.34	211.657	23.26	30.00	Pass
157	5785	20.12	20.35	211.195	23.25	30.00	Pass
165	5825	20.16	20.29	210.658	23.24	30.00	Pass

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 2	Chain 3				
38	5190	15.91	15.34	73.192	18.64	30.00	Pass
46	5230	19.11	17.97	144.131	21.59	30.00	Pass
151	5755	20.55	20.14	216.777	23.36	30.00	Pass
159	5795	20.63	20.07	**217.236**	23.37	30.00	Pass

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 2	Chain 3				
42	5210	14.45	14.66	57.103	17.57	30.00	Pass
155	5775	16.25	16.22	84.049	19.25	30.00	Pass

2TX (Beamforming Mode)

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 2	Chain 3				
36	5180	17.05	16.52	95.574	19.80	27.24	Pass
40	5200	20.72	20.26	**224.202**	23.51	27.24	Pass
48	5240	18.43	17.50	125.897	21.00	27.24	Pass
149	5745	20.15	20.34	211.657	23.26	27.24	Pass
157	5785	20.12	20.35	211.195	23.25	27.24	Pass
165	5825	20.16	20.29	210.658	23.24	27.24	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 8.76dBi > 6dBi, so the power limit shall be reduced to 30-(8.76-6) = 27.44dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 2	Chain 3				
38	5190	15.91	15.34	73.192	18.64	27.24	Pass
46	5230	19.11	17.97	144.131	21.59	27.24	Pass
151	5755	20.55	20.14	216.777	23.36	27.24	Pass
159	5795	20.63	20.07	**217.236**	23.37	27.24	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 8.76dBi > 6dBi, so the power limit shall be reduced to 30-(8.76-6) = 27.44dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 2	Chain 3				
42	5210	14.45	14.66	57.103	17.57	27.24	Pass
155	5775	16.25	16.22	84.049	19.25	27.24	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 8.76dBi > 6dBi, so the power limit shall be reduced to 30-(8.76-6) = 27.44dBm.

3TX (CDD Mode)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2	Chain 3				
36	5180	16.89	16.30	17.02	141.873	21.52	30.00	Pass
40	5200	18.73	18.47	19.11	226.422	23.55	30.00	Pass
48	5240	17.79	17.49	18.18	181.988	22.60	30.00	Pass
149	5745	20.04	20.39	19.61	301.732	24.80	30.00	Pass
157	5785	20.13	20.33	19.54	300.884	24.78	30.00	Pass
165	5825	19.79	18.84	19.75	266.246	24.25	30.00	Pass

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2	Chain 3				
36	5180	16.88	16.01	17.10	139.941	21.46	30.00	Pass
40	5200	18.92	18.51	18.90	**226.566**	23.55	30.00	Pass
48	5240	18.43	17.50	17.92	187.841	22.74	30.00	Pass
149	5745	20.15	20.34	19.63	**303.490**	24.82	30.00	Pass
157	5785	20.12	20.35	19.55	301.352	24.79	30.00	Pass
165	5825	19.35	19.39	20.96	297.733	24.74	30.00	Pass

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2	Chain 3				
38	5190	14.92	14.89	14.89	92.710	19.67	30.00	Pass
46	5230	18.99	18.10	18.71	218.117	23.39	30.00	Pass
151	5755	20.55	20.14	19.33	302.481	24.81	30.00	Pass
159	5795	19.25	19.34	20.14	273.317	24.37	30.00	Pass

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2	Chain 3				
42	5210	14.38	14.40	14.42	82.627	19.17	30.00	Pass
155	5775	15.32	15.92	15.32	107.166	20.30	30.00	Pass

3TX (Beamforming Mode)

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2	Chain 3				
36	5180	16.88	16.01	17.10	139.941	21.46	25.59	Pass
40	5200	18.92	18.51	18.90	**226.566**	23.55	25.59	Pass
48	5240	18.43	17.50	17.92	187.841	22.74	25.59	Pass
149	5745	20.15	20.34	19.63	**303.490**	24.82	25.59	Pass
157	5785	20.12	20.35	19.55	301.352	24.79	25.59	Pass
165	5825	19.35	19.39	20.96	297.733	24.74	25.59	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/3$] = 10.41dBi > 6dBi, so the power density shall be reduced to 30-(10.41-6) = 25.59dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2	Chain 3				
38	5190	14.92	14.89	14.89	92.710	19.67	25.59	Pass
46	5230	18.99	18.10	18.71	218.117	23.39	25.59	Pass
151	5755	20.55	20.14	19.33	302.481	24.81	25.59	Pass
159	5795	19.25	19.34	20.14	273.317	24.37	25.59	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/3$] = 10.41dBi > 6dBi, so the power density shall be reduced to 30-(10.41-6) = 25.59dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2	Chain 3				
42	5210	14.38	14.40	14.42	82.627	19.17	25.59	Pass
155	5775	15.32	15.92	15.32	107.166	20.30	25.59	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/3$] = 10.41dBi > 6dBi, so the power density shall be reduced to 30-(10.41-6) = 25.59dBm.

Test Mode C (Internal antenna + Eth7 Radio)

1TX (CDD Mode)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	112.460	20.51	30.00	Pass
40	5200	185.353	22.68	30.00	Pass
48	5240	107.647	20.32	30.00	Pass
149	5745	210.863	23.24	30.00	Pass
157	5785	204.174	23.10	30.00	Pass
165	5825	192.752	22.85	30.00	Pass

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	65.313	18.15	30.00	Pass
40	5200	**195.884**	22.92	30.00	Pass
48	5240	114.288	20.58	30.00	Pass
149	5745	**212.814**	23.28	30.00	Pass
157	5785	209.894	23.22	30.00	Pass
165	5825	203.236	23.08	30.00	Pass

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
38	5190	68.865	18.38	30.00	Pass
46	5230	104.472	20.19	30.00	Pass
151	5755	199.526	23.00	30.00	Pass
159	5795	205.116	23.12	30.00	Pass

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
42	5210	66.374	18.22	30.00	Pass
155	5775	77.446	18.89	30.00	Pass

Test Mode E (Internal antenna + Eth8 Radio)

1TX (CDD Mode)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
149	5745	142.889	21.55	30.00	Pass
157	5785	142.233	21.53	30.00	Pass
165	5825	141.254	21.50	30.00	Pass

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
149	5745	142.561	21.54	30.00	Pass
157	5785	141.579	21.51	30.00	Pass
165	5825	141.906	21.52	30.00	Pass

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
151	5755	141.906	21.52	30.00	Pass
159	5795	**146.555**	21.66	30.00	Pass

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
155	5775	138.676	21.42	30.00	Pass

2TX (CDD Mode)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
149	5745	21.49	22.68	326.282	25.14	30.00	Pass
157	5785	21.56	22.70	329.428	25.18	30.00	Pass
165	5825	21.54	22.75	330.926	25.20	30.00	Pass

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
149	5745	21.50	22.71	327.892	25.16	30.00	Pass
157	5785	21.54	22.76	331.360	25.20	30.00	Pass
165	5825	21.58	22.79	333.988	25.24	30.00	Pass

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
151	5755	21.54	22.75	330.926	25.20	30.00	Pass
159	5795	21.62	22.94	**342.000**	25.34	30.00	Pass

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
155	5775	19.45	20.35	196.498	22.93	30.00	Pass

2TX (Beamforming Mode)

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
149	5745	21.50	22.71	327.892	25.16	27.68	Pass
157	5785	21.54	22.76	331.360	25.20	27.68	Pass
165	5825	21.58	22.79	333.988	25.24	27.68	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 8.32dBi > 6dBi, so the power limit shall be reduced to 30-(8.32-6) = 27.68dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
151	5755	21.54	22.75	330.926	25.20	27.68	Pass
159	5795	21.62	22.94	**342.000**	25.34	27.68	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 8.32dBi > 6dBi, so the power limit shall be reduced to 30-(8.32-6) = 27.68dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
155	5775	19.45	20.35	196.498	22.93	27.68	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$] = 8.32dBi > 6dBi, so the power limit shall be reduced to 30-(8.32-6) = 27.68dBm.

3TX (CDD Mode)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2	Chain 3				
149	5745	21.52	22.74	22.56	510.140	27.08	30.00	Pass
157	5785	21.55	22.74	22.56	511.123	27.09	30.00	Pass
165	5825	21.54	22.77	22.58	512.929	27.10	30.00	Pass

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2	Chain 3				
149	5745	21.50	22.70	22.60	509.433	27.07	30.00	Pass
157	5785	21.55	22.73	22.57	511.105	27.09	30.00	Pass
165	5825	21.59	22.74	22.49	509.563	27.07	30.00	Pass

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2	Chain 3				
151	5755	21.53	22.77	22.51	509.705	27.07	30.00	Pass
159	5795	21.61	22.81	22.55	**515.749**	27.12	30.00	Pass

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2	Chain 3				
155	5775	17.81	18.66	17.92	195.790	22.92	30.00	Pass

3TX (Beamforming Mode)

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2	Chain 3				
149	5745	19.96	21.05	21.08	354.666	25.50	26.25	Pass
157	5785	20.03	20.10	21.07	330.960	25.20	26.25	Pass
165	5825	20.05	21.04	20.98	353.529	25.48	26.25	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/3$] = 9.75dBi > 6dBi, so the power limit shall be reduced to 30-(9.75-6) = 26.25dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2	Chain 3				
151	5755	20.01	21.06	20.97	352.901	25.48	26.25	Pass
159	5795	20.11	21.03	21.04	**356.387**	25.52	26.25	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/3$] = 9.75dBi > 6dBi, so the power limit shall be reduced to 30-(9.75-6) = 26.25dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2	Chain 3				
155	5775	17.81	18.66	17.92	195.790	22.92	26.25	Pass

Note: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/3$] = 9.75dBi > 6dBi, so the power limit shall be reduced to 30-(9.75-6) = 26.25dBm.

Test Mode G (External antenna – PN: ATS-OO-245-46-4RPSP-36 + Eth6 Radio)

1TX (CDD Mode)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	90.573	19.57	30.00	Pass
40	5200	105.439	20.23	30.00	Pass
48	5240	60.117	17.79	30.00	Pass
149	5745	146.555	21.66	30.00	Pass
157	5785	143.880	21.58	30.00	Pass
165	5825	**147.571**	21.69	30.00	Pass

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	64.269	18.08	30.00	Pass
40	5200	**145.211**	21.62	30.00	Pass
48	5240	69.663	18.43	30.00	Pass
149	5745	145.211	21.62	30.00	Pass
157	5785	146.893	21.67	30.00	Pass
165	5825	146.218	21.65	30.00	Pass

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
38	5190	43.251	16.36	30.00	Pass
46	5230	133.045	21.24	30.00	Pass
151	5755	146.893	21.67	30.00	Pass
159	5795	147.231	21.68	30.00	Pass

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
42	5210	40.179	16.04	30.00	Pass
155	5775	97.275	19.88	30.00	Pass

2TX (CDD Mode)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
36	5180	17.33	17.01	104.309	20.18	30.00	Pass
40	5200	20.66	20.22	221.609	23.46	30.00	Pass
48	5240	17.79	17.49	116.222	20.65	30.00	Pass
149	5745	20.04	20.39	210.321	23.23	30.00	Pass
157	5785	20.13	20.33	210.934	23.24	30.00	Pass
165	5825	20.11	20.42	212.719	23.28	30.00	Pass

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
36	5180	17.17	18.32	120.039	20.79	30.00	Pass
40	5200	20.72	20.26	**224.202**	23.51	30.00	Pass
48	5240	18.43	17.50	125.897	21.00	30.00	Pass
149	5745	20.15	20.34	211.657	23.26	30.00	Pass
157	5785	20.12	20.35	211.195	23.25	30.00	Pass
165	5825	20.16	20.29	210.658	23.24	30.00	Pass

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
38	5190	15.66	16.64	82.945	19.19	30.00	Pass
46	5230	19.11	17.97	144.131	21.59	30.00	Pass
151	5755	20.55	20.14	216.777	23.36	30.00	Pass
159	5795	20.63	20.07	**217.236**	23.37	30.00	Pass

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
42	5210	14.45	14.66	57.103	17.57	30.00	Pass
155	5775	16.25	16.22	84.049	19.25	30.00	Pass

2TX (Beamforming Mode)

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
36	5180	17.17	18.32	120.039	20.79	26.99	Pass
40	5200	20.72	20.26	**224.202**	23.51	26.99	Pass
48	5240	18.43	17.50	125.897	21.00	26.99	Pass
149	5745	15.66	16.64	82.945	19.19	26.99	Pass
157	5785	19.11	17.97	144.131	21.59	26.99	Pass
165	5825	14.45	14.66	57.103	17.57	26.99	Pass

Note: Directional gain = 6dBi + 10log(2) = 9.01dBi > 6dBi, so the power limit shall be reduced to 30-(9.01-6) = 26.99dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
38	5190	15.66	16.64	82.945	19.19	26.99	Pass
46	5230	19.11	17.97	144.131	21.59	26.99	Pass
151	5755	20.55	20.14	216.777	23.36	26.99	Pass
159	5795	20.63	20.07	**217.236**	23.37	26.99	Pass

Note: Directional gain = 6dBi + 10log(2) = 9.01dBi > 6dBi, so the power limit shall be reduced to 30-(9.01-6) = 26.99dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 1	Chain 2				
42	5210	14.45	14.66	57.103	17.57	26.99	Pass
155	5775	16.25	16.22	84.049	19.25	26.99	Pass

Note: Directional gain = 6dBi + 10log(2) = 9.01dBi > 6dBi, so the power limit shall be reduced to 30-(9.01-6) = 26.99dBm.

3TX (CDD Mode)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
36	5180	16.89	16.30	17.02	141.873	21.52	30.00	Pass
40	5200	18.73	18.47	19.11	226.422	23.55	30.00	Pass
48	5240	17.79	17.49	18.18	181.988	22.60	30.00	Pass
149	5745	20.04	20.39	19.61	301.732	24.80	30.00	Pass
157	5785	20.13	20.33	19.54	300.884	24.78	30.00	Pass
165	5825	19.79	18.84	19.75	266.246	24.25	30.00	Pass

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
36	5180	16.35	17.73	16.24	144.518	21.60	30.00	Pass
40	5200	18.92	18.51	18.90	**226.566**	23.55	30.00	Pass
48	5240	18.43	17.50	17.92	187.841	22.74	30.00	Pass
149	5745	20.15	20.34	19.63	**303.490**	24.82	30.00	Pass
157	5785	20.12	20.35	19.55	301.352	24.79	30.00	Pass
165	5825	19.35	19.39	20.96	297.733	24.74	30.00	Pass

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
38	5190	14.23	15.69	14.35	90.780	19.58	30.00	Pass
46	5230	18.99	18.10	18.71	218.117	23.39	30.00	Pass
151	5755	20.55	20.14	19.33	302.481	24.81	30.00	Pass
159	5795	19.25	19.34	20.14	273.317	24.37	30.00	Pass

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
42	5210	14.38	14.40	14.42	82.627	19.17	30.00	Pass
155	5775	15.32	15.92	15.32	107.166	20.30	30.00	Pass

3TX (Beamforming Mode)

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
36	5180	16.35	17.73	16.24	144.518	21.60	25.23	Pass
40	5200	18.92	18.51	18.90	**226.566**	23.55	25.23	Pass
48	5240	18.43	17.50	17.92	187.841	22.74	25.23	Pass
149	5745	20.15	20.34	19.63	**303.490**	24.82	25.23	Pass
157	5785	20.12	20.35	19.55	301.352	24.79	25.23	Pass
165	5825	19.35	19.39	20.96	297.733	24.74	25.23	Pass

Note: Directional gain = 6dBi + 10log(3) = 10.77dBi > 6dBi, so the power limit shall be reduced to 30-(10.77-6) = 25.23dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
38	5190	14.23	15.69	14.35	90.780	19.58	25.23	Pass
46	5230	18.99	18.10	18.71	218.117	23.39	25.23	Pass
151	5755	20.55	20.14	19.33	302.481	24.81	25.23	Pass
159	5795	19.25	19.34	20.14	273.317	24.37	25.23	Pass

Note: Directional gain = 6dBi + 10log(3) = 10.77dBi > 6dBi, so the power limit shall be reduced to 30-(10.77-6) = 25.23dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
42	5210	14.38	14.40	14.42	82.627	19.17	25.23	Pass
155	5775	15.32	15.92	15.32	107.166	20.30	25.23	Pass

Note: Directional gain = 6dBi + 10log(3) = 10.77dBi > 6dBi, so the power limit shall be reduced to 30-(10.77-6) = 25.23dBm.

Test Mode I (External antenna – PN: ATS-OO-245-46-4RPSP-36 + Eth7 Radio)

1TX (CDD Mode)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	112.460	20.51	30.00	Pass
40	5200	185.353	22.68	30.00	Pass
48	5240	107.647	20.32	30.00	Pass
149	5745	210.863	23.24	30.00	Pass
157	5785	204.174	23.10	30.00	Pass
165	5825	192.752	22.85	30.00	Pass

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	65.313	18.15	30.00	Pass
40	5200	**195.884**	22.92	30.00	Pass
48	5240	114.288	20.58	30.00	Pass
149	5745	**212.814**	23.28	30.00	Pass
157	5785	209.894	23.22	30.00	Pass
165	5825	203.236	23.08	30.00	Pass

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
38	5190	68.865	18.38	30.00	Pass
46	5230	104.472	20.19	30.00	Pass
151	5755	199.526	23.00	30.00	Pass
159	5795	205.116	23.12	30.00	Pass

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
42	5210	66.374	18.22	30.00	Pass
155	5775	77.446	18.89	30.00	Pass

Test Mode K (External antenna – PN: ATS-OP-245-810-4RPSP-36 + Eth6 Radio)

1TX (CDD Mode)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	81.283	19.10	26.00	Pass
40	5200	**207.014**	23.16	26.00	Pass
48	5240	51.642	17.13	26.00	Pass
149	5745	104.472	20.19	26.00	Pass
157	5785	101.158	20.05	26.00	Pass
165	5825	101.859	20.08	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	57.677	17.61	26.00	Pass
40	5200	96.605	19.85	26.00	Pass
48	5240	54.200	17.34	26.00	Pass
149	5745	105.682	20.24	26.00	Pass
157	5785	**107.399**	20.31	26.00	Pass
165	5825	100.925	20.04	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
38	5190	33.574	15.26	26.00	Pass
46	5230	78.705	18.96	26.00	Pass
151	5755	102.329	20.10	26.00	Pass
159	5795	103.276	20.14	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
42	5210	34.514	15.38	26.00	Pass
155	5775	84.14	19.25	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

2TX (CDD Mode)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	17.50	18.33	124.311	20.95	26.00	Pass
40	5200	21.03	19.51	**216.096**	23.35	26.00	Pass
48	5240	17.13	17.62	109.452	20.39	26.00	Pass
149	5745	20.24	20.35	214.075	23.31	26.00	Pass
157	5785	20.10	20.33	210.224	23.23	26.00	Pass
165	5825	20.05	20.20	205.871	23.14	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	16.56	17.45	100.880	20.04	26.00	Pass
40	5200	19.79	20.03	195.973	22.92	26.00	Pass
48	5240	17.34	17.57	111.348	20.47	26.00	Pass
149	5745	20.28	20.35	**215.053**	23.33	26.00	Pass
157	5785	20.22	20.30	212.348	23.27	26.00	Pass
165	5825	20.08	20.32	209.506	23.21	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	14.81	16.22	72.148	18.58	26.00	Pass
46	5230	18.96	19.75	173.111	22.38	26.00	Pass
151	5755	20.00	20.36	208.643	23.19	26.00	Pass
159	5795	20.12	20.23	208.241	23.19	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	14.71	15.98	69.208	18.40	26.00	Pass
155	5775	19.13	19.59	172.837	22.38	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

2TX (Beamforming Mode)

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	16.56	17.45	100.880	20.04	22.99	Pass
40	5200	19.79	20.03	**195.973**	22.92	22.99	Pass
48	5240	17.34	17.57	111.348	20.47	22.99	Pass
149	5745	19.83	19.84	**192.544**	22.85	22.99	Pass
157	5785	19.66	19.88	189.745	22.78	22.99	Pass
165	5825	19.61	19.77	186.253	22.70	22.99	Pass

Note: Directional gain = 10dBi + 10log(2) = 13.01dBi > 6dBi, so the power limit shall be reduced to 30-(13.01-6) = 22.99dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	14.81	16.22	72.148	18.58	22.99	Pass
46	5230	18.96	19.75	173.111	22.38	22.99	Pass
151	5755	19.42	19.83	183.659	22.64	22.99	Pass
159	5795	19.61	19.81	187.130	22.72	22.99	Pass

Note: Directional gain = 10dBi + 10log(2) = 13.01dBi > 6dBi, so the power limit shall be reduced to 30-(13.01-6) = 22.99dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	14.71	15.98	69.208	18.40	22.99	Pass
155	5775	19.13	19.59	172.837	22.38	22.99	Pass

Note: Directional gain = 10dBi + 10log(2) = 13.01dBi > 6dBi, so the power limit shall be reduced to 30-(13.01-6) = 22.99dBm.

3TX (CDD Mode)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
36	5180	16.53	17.85	16.79	153.685	21.87	26.00	Pass
40	5200	15.56	16.96	15.84	124.005	20.93	26.00	Pass
48	5240	15.58	16.61	15.92	121.039	20.83	26.00	Pass
149	5745	20.17	20.55	20.51	329.953	25.18	26.00	Pass
157	5785	20.03	20.45	20.91	334.920	25.25	26.00	Pass
165	5825	20.05	20.22	20.83	327.414	25.15	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
36	5180	15.55	17.11	16.08	127.847	21.07	26.00	Pass
40	5200	15.48	16.60	15.74	118.524	20.74	26.00	Pass
48	5240	15.78	16.96	15.75	125.087	20.97	26.00	Pass
149	5745	20.52	20.67	20.61	344.481	25.37	26.00	Pass
157	5785	20.27	20.31	20.81	334.317	25.24	26.00	Pass
165	5825	20.12	20.22	21.03	334.763	25.25	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
38	5190	15.02	16.41	14.71	105.101	20.22	26.00	Pass
46	5230	17.78	18.96	18.13	**203.697**	23.09	26.00	Pass
151	5755	20.73	20.75	20.44	**347.816**	25.41	26.00	Pass
159	5795	20.72	20.55	20.51	343.993	25.37	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
42	5210	14.66	16.21	14.77	101.017	20.04	26.00	Pass
155	5775	18.55	19.25	18.20	221.823	23.46	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

3TX (Beamforming Mode)

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
36	5180	15.55	17.11	16.08	**127.847**	21.07	21.23	Pass
40	5200	15.48	16.60	15.74	118.524	20.74	21.23	Pass
48	5240	15.78	16.96	15.75	125.087	20.97	21.23	Pass
149	5745	15.91	15.72	16.28	118.781	20.75	21.23	Pass
157	5785	15.76	16.21	15.83	117.735	20.71	21.23	Pass
165	5825	16.01	16.08	16.08	**121.004**	20.83	21.23	Pass

Note: Directional gain = 10dBi + 10log(3) = 14.77dBi > 6dBi, so the power limit shall be reduced to 30-(14.77-6) = 21.23dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
38	5190	15.02	16.41	14.71	105.101	20.22	21.23	Pass
46	5230	15.08	16.02	15.11	104.639	20.20	21.23	Pass
151	5755	15.88	15.73	15.72	113.462	20.55	21.23	Pass
159	5795	15.74	15.93	16.28	119.133	20.76	21.23	Pass

Note: Directional gain = 10dBi + 10log(3) = 14.77dBi > 6dBi, so the power limit shall be reduced to 30-(14.77-6) = 21.23dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2				
42	5210	14.66	16.21	14.77	101.017	20.04	21.23	Pass
155	5775	15.74	15.72	16.01	114.724	20.60	21.23	Pass

Note: Directional gain = 10dBi + 10log(3) = 14.77dBi > 6dBi, so the power limit shall be reduced to 30-(14.77-6) = 21.23dBm.

4TX (CDD Mode)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	14.96	15.52	13.81	13.97	115.968	20.64	26.00	Pass
40	5200	13.74	14.68	13.62	13.74	99.708	19.99	26.00	Pass
48	5240	13.80	14.30	13.60	13.73	97.417	19.89	26.00	Pass
149	5745	20.25	19.88	19.22	19.16	369.174	25.67	26.00	Pass
157	5785	20.16	19.39	20.37	19.26	383.875	25.84	26.00	Pass
165	5825	19.73	20.02	20.59	18.89	386.431	25.87	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	15.45	15.95	14.85	14.97	136.384	21.35	26.00	Pass
40	5200	15.10	15.35	14.44	14.38	121.849	20.86	26.00	Pass
48	5240	14.90	15.41	14.36	14.18	119.129	20.76	26.00	Pass
149	5745	20.54	19.62	20.03	19.38	392.251	25.94	26.00	Pass
157	5785	19.91	19.75	20.57	18.97	385.266	25.86	26.00	Pass
165	5825	19.77	19.87	20.60	19.10	387.991	25.89	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	14.94	16.26	14.31	14.36	127.723	21.06	26.00	Pass
46	5230	18.86	19.44	18.73	18.26	**306.448**	24.86	26.00	Pass
151	5755	20.77	19.58	19.88	19.29	**392.374**	25.94	26.00	Pass
159	5795	20.29	19.72	20.07	19.03	382.269	25.82	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	14.84	15.91	13.71	14.32	120.009	20.79	26.00	Pass
155	5775	18.26	17.63	17.51	17.31	235.122	23.71	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

4TX (Beamforming Mode)

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	13.67	13.93	13.56	13.55	93.343	19.70	19.98	Pass
40	5200	13.67	13.84	13.52	13.69	93.370	19.70	19.98	Pass
48	5240	13.67	13.98	13.61	13.66	**94.472**	19.75	19.98	Pass
149	5745	14.54	13.64	14.00	13.41	98.613	19.94	19.98	Pass
157	5785	13.90	13.71	14.59	12.94	96.496	19.85	19.98	Pass
165	5825	13.77	13.88	14.61	13.10	97.581	19.89	19.98	Pass

Note: Directional gain = 10dBi + 10log(4) = 16.02dBi > 6dBi, so the power limit shall be reduced to 30-(16.02-6) = 19.98dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	13.65	13.86	13.53	13.62	93.052	19.69	19.98	Pass
46	5230	13.51	13.82	13.62	13.57	92.303	19.65	19.98	Pass
151	5755	14.78	13.59	13.91	13.28	**98.802**	19.95	19.98	Pass
159	5795	14.31	13.70	14.08	12.99	95.912	19.82	19.98	Pass

Note: Directional gain = 10dBi + 10log(4) = 16.02dBi > 6dBi, so the power limit shall be reduced to 30-(16.02-6) = 19.98dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	13.68	13.93	13.53	13.62	93.608	19.71	19.98	Pass
155	5775	14.25	13.64	13.50	13.27	93.347	19.70	19.98	Pass

Note: Directional gain = 10dBi + 10log(4) = 16.02dBi > 6dBi, so the power limit shall be reduced to 30-(16.02-6) = 19.98dBm.

Test Mode M (External antenna – PN: ATS-OP-245-810-4RPSP-36 + Eth7 Radio)

1TX (CDD Mode)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	46.774	16.70	26.00	Pass
40	5200	**116.950**	20.68	26.00	Pass
48	5240	38.107	15.81	26.00	Pass
149	5745	105.682	20.24	26.00	Pass
157	5785	102.329	20.10	26.00	Pass
165	5825	102.565	20.11	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	59.979	17.78	26.00	Pass
40	5200	115.345	20.62	26.00	Pass
48	5240	41.976	16.23	26.00	Pass
149	5745	106.660	20.28	26.00	Pass
157	5785	105.196	20.22	26.00	Pass
165	5825	101.859	20.08	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
38	5190	44.157	16.45	26.00	Pass
46	5230	50.816	17.06	26.00	Pass
151	5755	100.000	20.00	26.00	Pass
159	5795	102.802	20.12	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
42	5210	44.771	16.51	26.00	Pass
155	5775	**107.399**	20.31	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

2TX (CDD Mode)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	15.55	16.33	78.846	18.97	26.00	Pass
40	5200	20.12	20.44	213.464	23.29	26.00	Pass
48	5240	15.81	16.57	83.501	19.22	26.00	Pass
149	5745	20.22	20.33	213.091	23.29	26.00	Pass
157	5785	20.10	20.24	208.011	23.18	26.00	Pass
165	5825	20.15	20.18	207.746	23.18	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	15.45	15.88	73.801	18.68	26.00	Pass
40	5200	20.78	21.51	**261.253**	24.17	26.00	Pass
48	5240	16.23	16.52	86.851	19.39	26.00	Pass
149	5745	20.28	20.30	**213.812**	23.30	26.00	Pass
157	5785	20.24	20.24	211.364	23.25	26.00	Pass
165	5825	20.08	20.30	209.011	23.20	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	15.23	15.55	69.235	18.40	26.00	Pass
46	5230	17.06	17.99	113.767	20.56	26.00	Pass
151	5755	20.06	20.31	208.790	23.20	26.00	Pass
159	5795	20.12	20.17	206.794	23.16	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

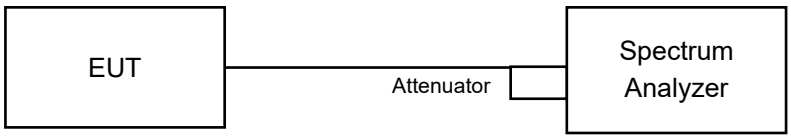
802.11ax (HE80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	14.22	14.54	54.869	17.39	26.00	Pass
155	5775	19.12	20.02	182.120	22.60	26.00	Pass

Note: Gain = 10dBi > 6dBi, so the power limit shall be reduced to 30-(10-6) = 26.00dBm.

4.4 Occupied Bandwidth Measurement

4.4.1 Test Setup



4.4.2 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.4.3 Test Procedure

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

4.4.4 Test Result

Test Mode A (Internal antenna + Eth6 Radio)

1TX

802.11a

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
36	5180	22.20
40	5200	32.04
48	5240	18.96
149	5745	32.04
157	5785	32.40
165	5825	33.72

802.11ax (HE20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
36	5180	20.64
40	5200	34.68
48	5240	19.68
149	5745	33.84
157	5785	33.84
165	5825	34.08

802.11ax (HE40)

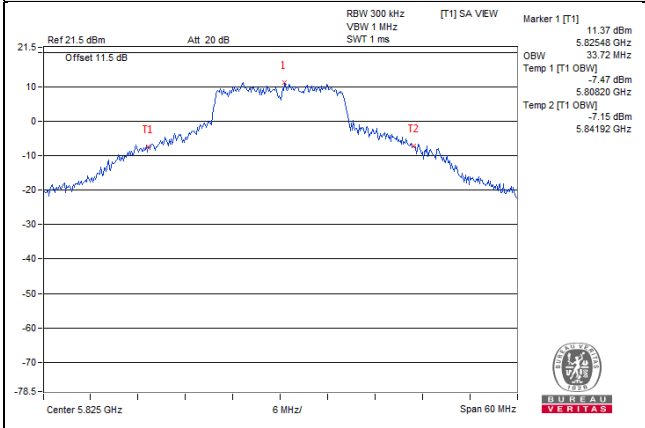
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
38	5190	37.08
46	5230	38.40
151	5755	51.48
159	5795	51.96

802.11ax (HE80)

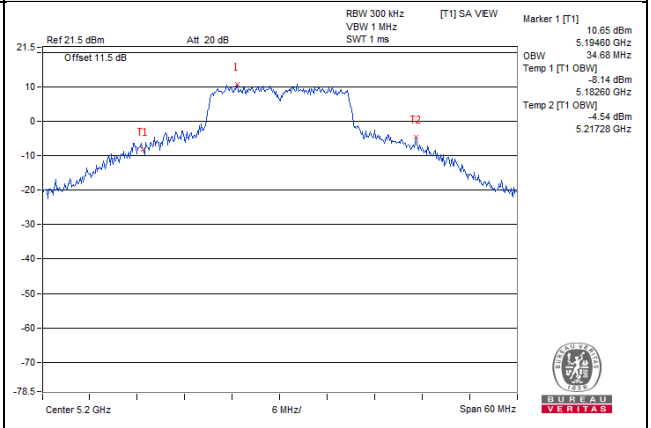
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
42	5210	76.08
155	5775	89.04

Spectrum Plot of Worst Value

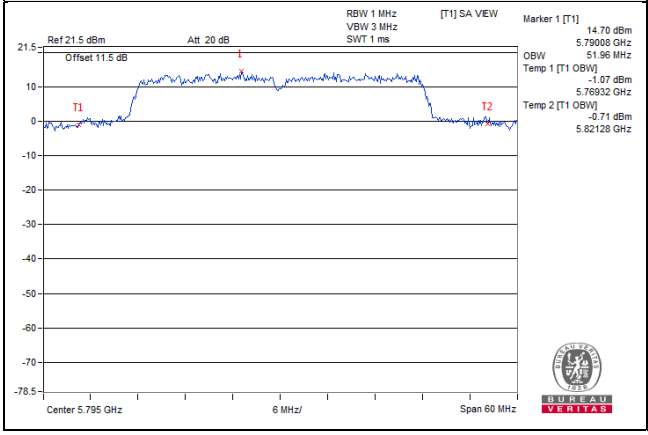
802.11a



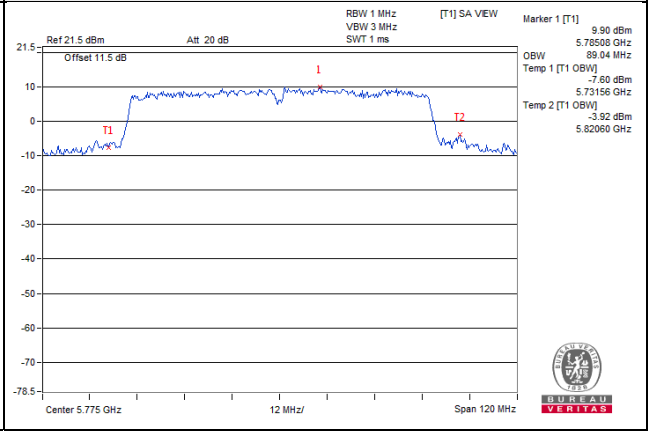
802.11ax (HE20)

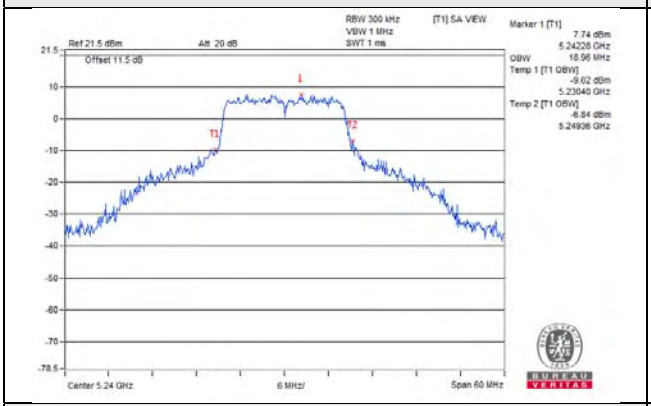
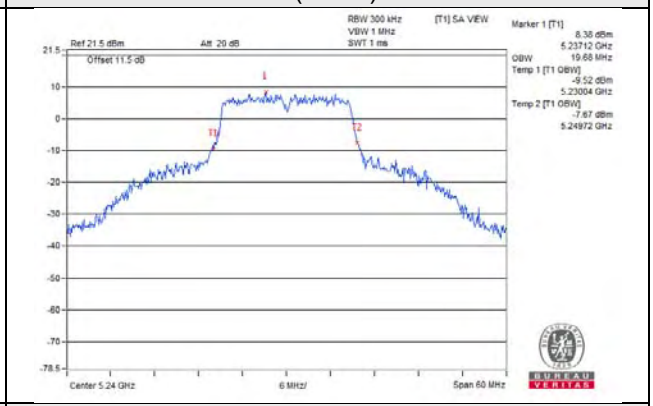
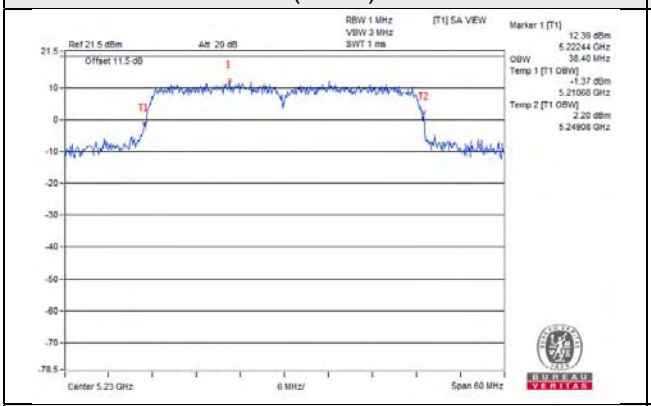
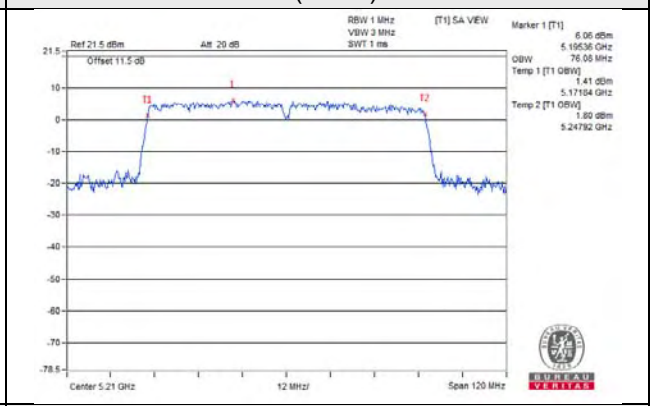
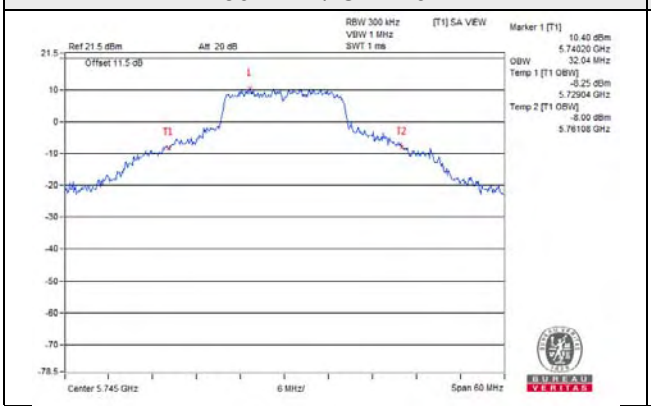
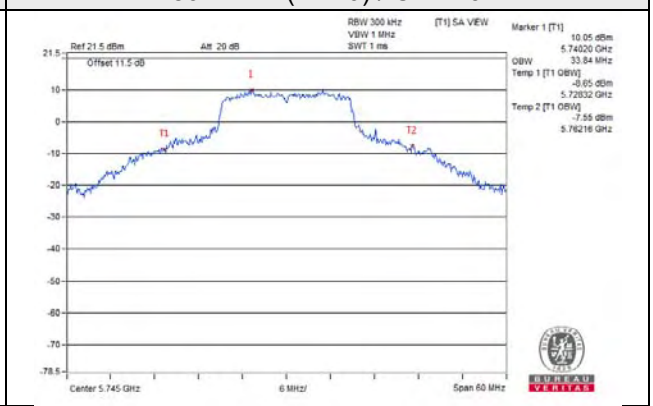
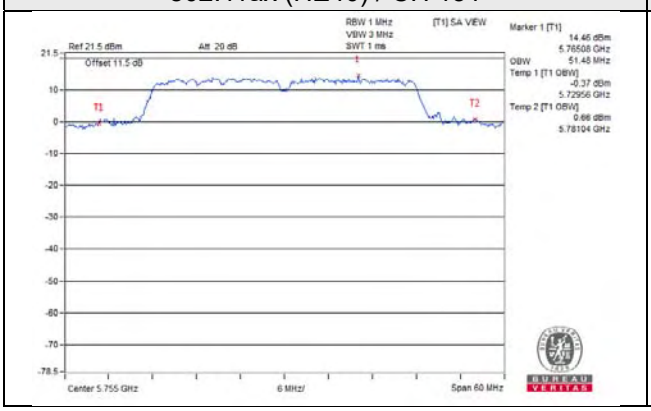
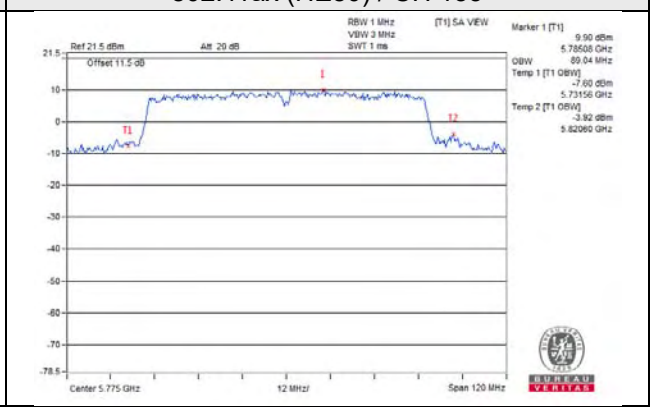


802.11ax (HE40)



802.11ax (HE80)



Spectrum Plot for near By DFS Band	
802.11a / CH 48	802.11ax (HE20) / CH 48
	
802.11ax (HE40) / CH 46	802.11ax (HE80) / CH 42
	
802.11a / CH 149	802.11ax (HE20) / CH 149
	
802.11ax (HE40) / CH 151	802.11ax (HE80) / CH 155
	

2TX

802.11a

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 2	Chain 3
36	5180	18.60	17.52
40	5200	29.40	24.36
48	5240	18.96	17.88
149	5745	32.04	34.68
157	5785	32.40	34.92
165	5825	33.72	35.40

802.11ax (HE20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 2	Chain 3
36	5180	18.60	18.00
40	5200	30.36	22.68
48	5240	19.20	18.72
149	5745	33.84	35.76
157	5785	33.84	36.72
165	5825	34.08	36.48

802.11ax (HE40)

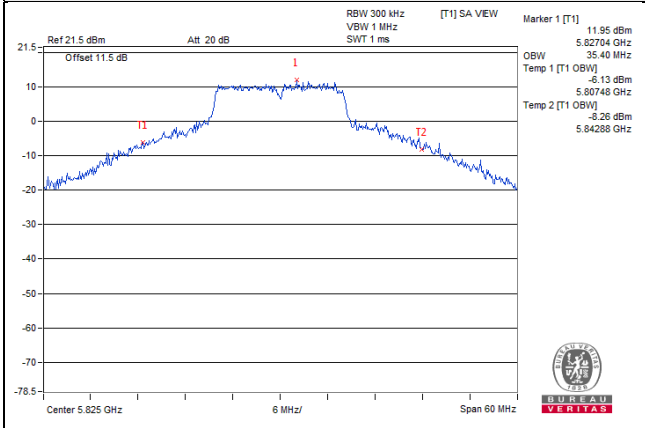
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 2	Chain 3
38	5190	36.96	36.60
46	5230	38.64	37.44
151	5755	51.48	51.48
159	5795	51.96	51.48

802.11ax (HE80)

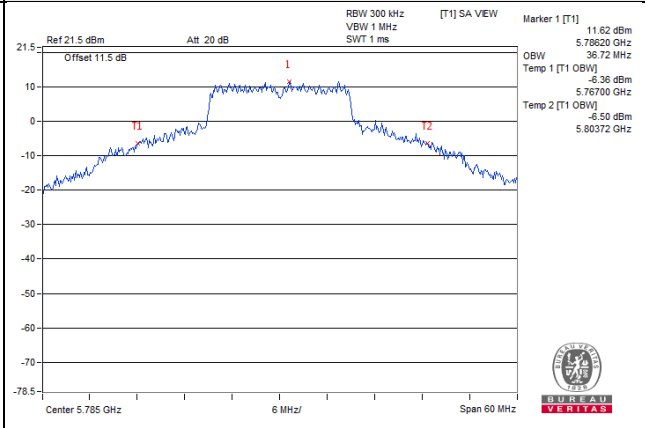
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 2	Chain 3
42	5210	76.08	75.84
155	5775	76.56	76.56

Spectrum Plot of Worst Value

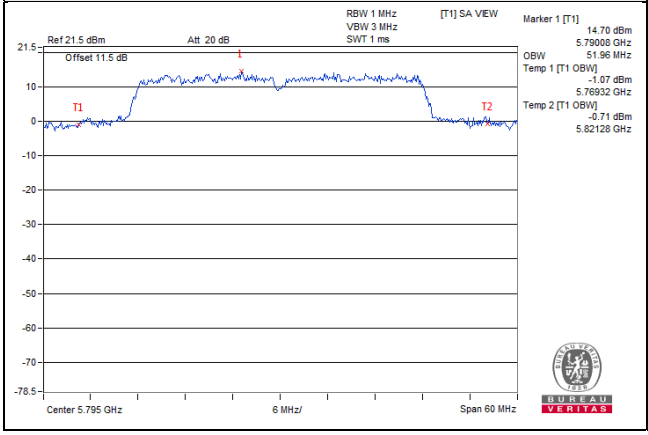
802.11a



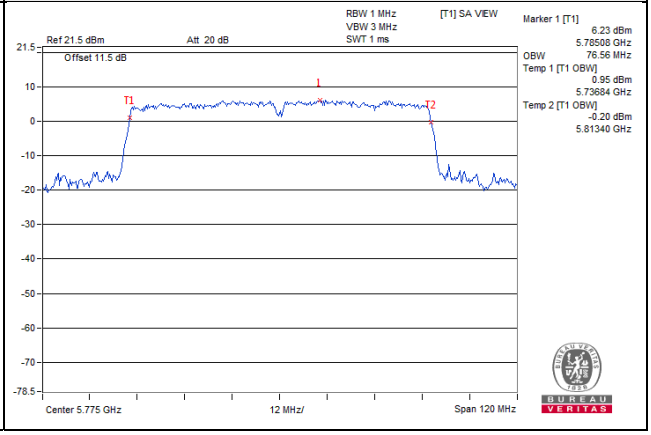
802.11ax (HE20)

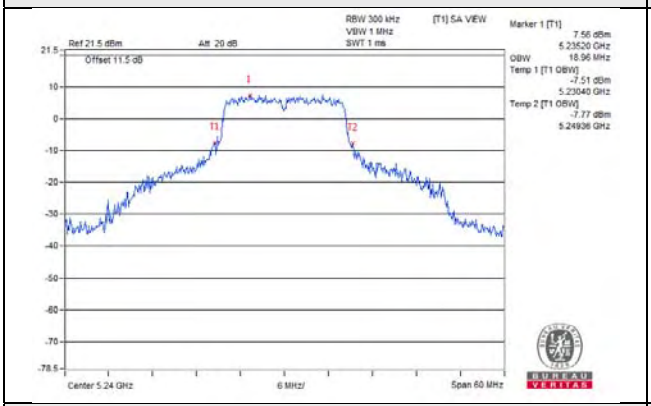
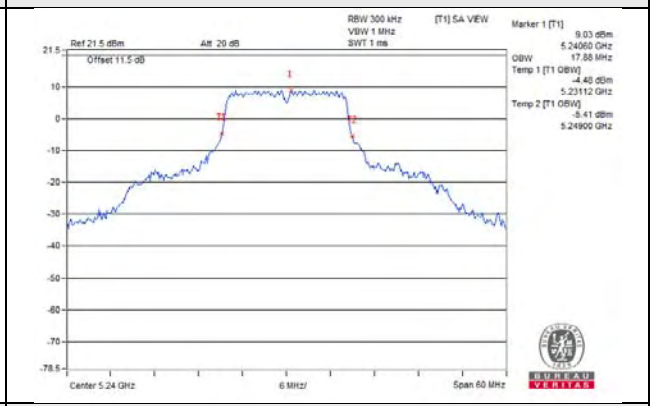
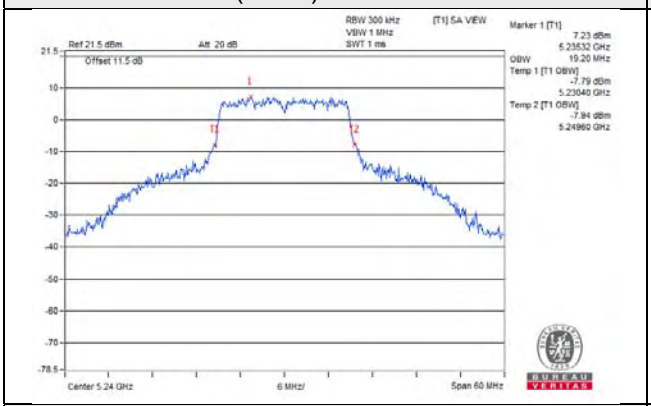
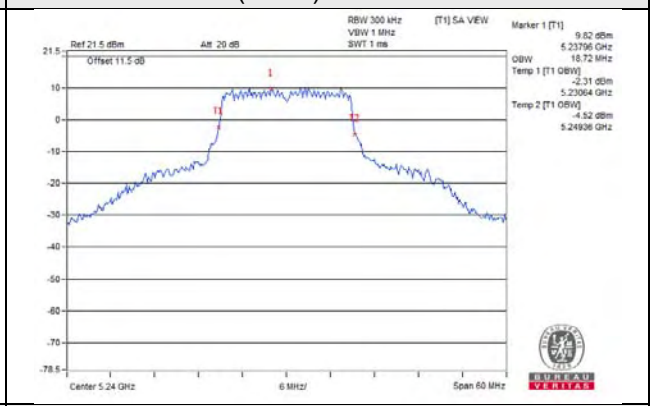
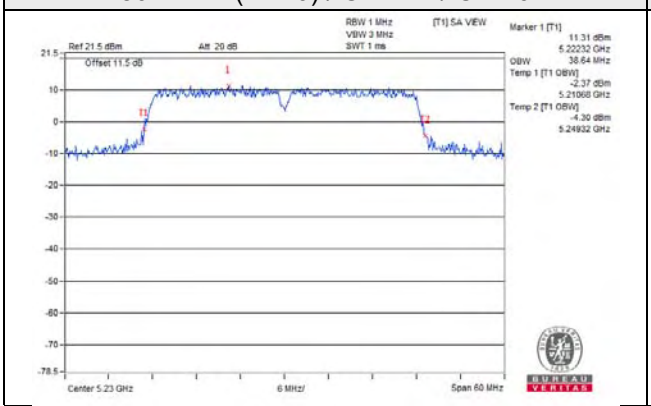
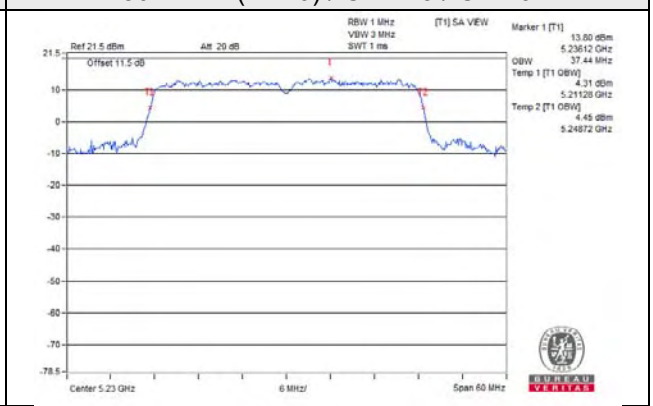
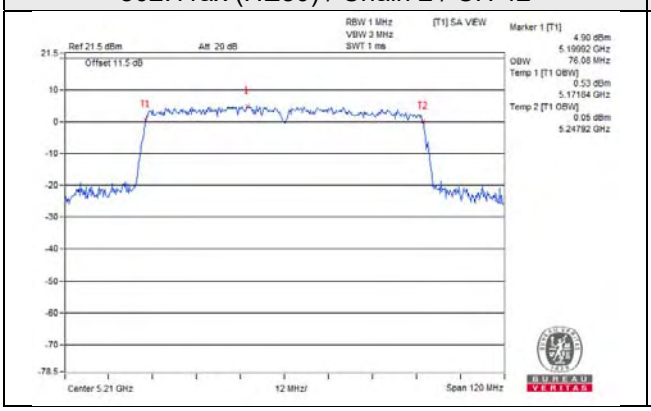
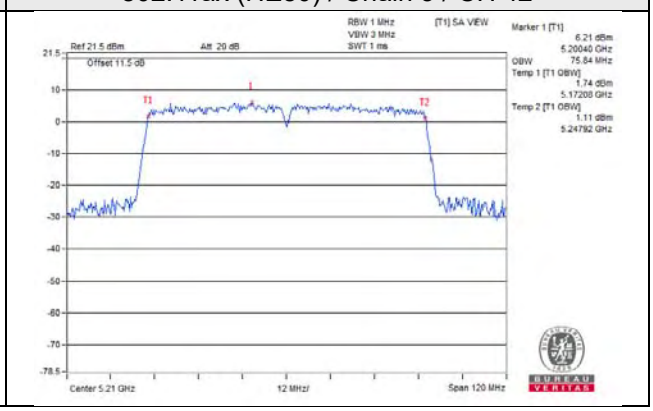


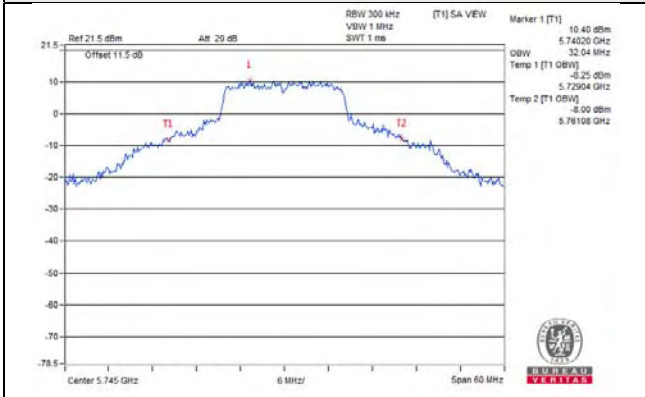
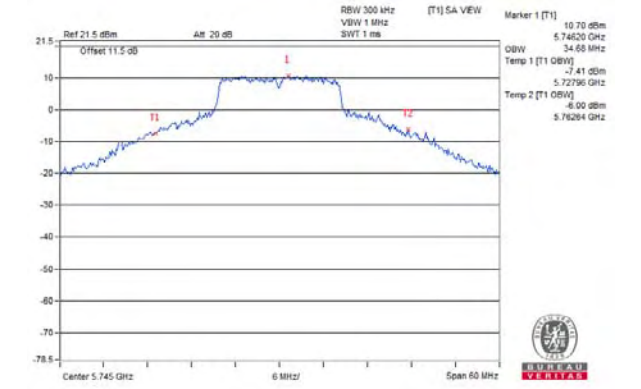
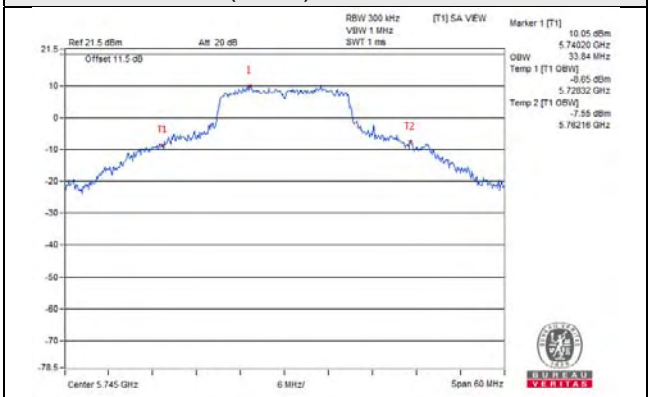
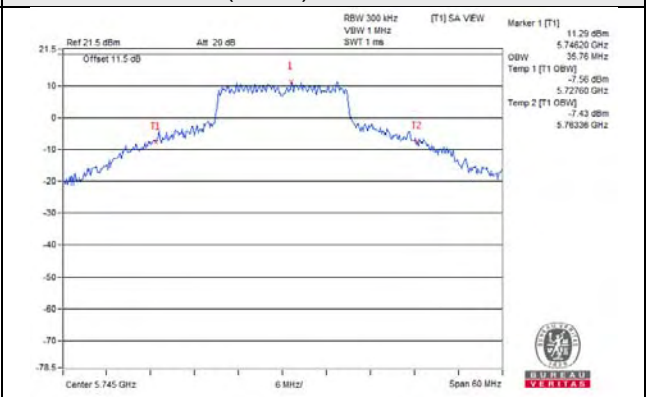
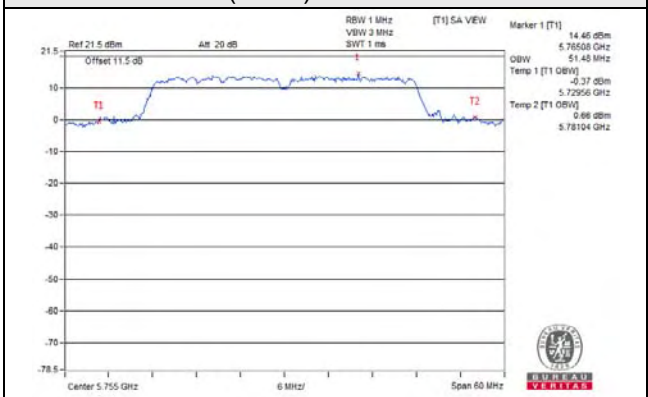
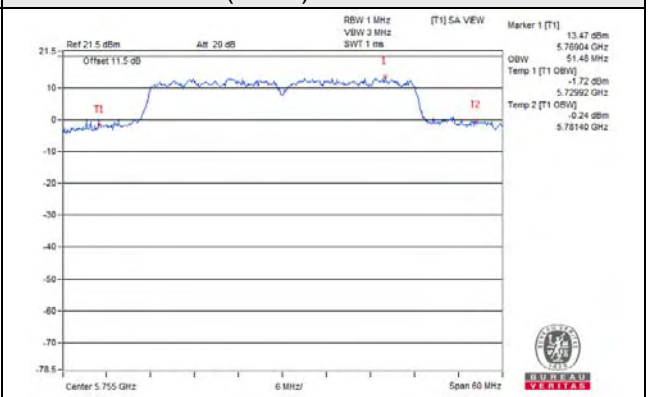
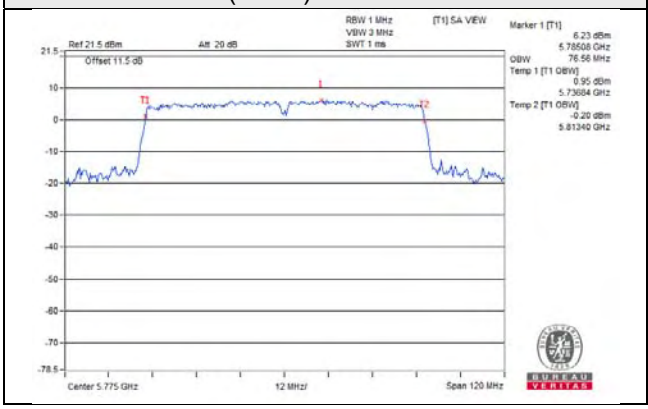
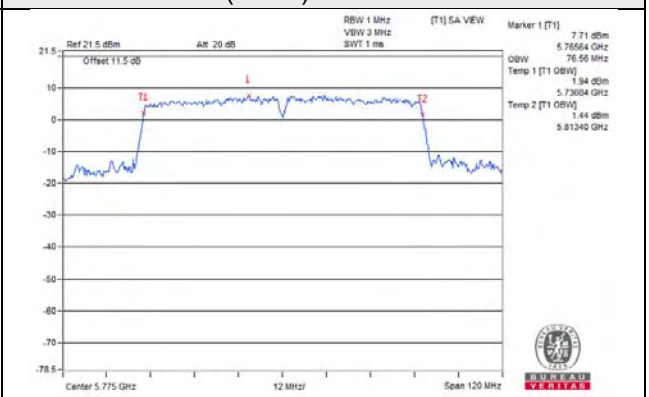
802.11ax (HE40)



802.11ax (HE80)



Spectrum Plot for near By DFS Band	
802.11a / Chain 2 / CH 48	802.11a / Chain 3 / CH 48
	
802.11ax (HE20) / Chain 2 / CH 48	802.11ax (HE20) / Chain 3 / CH 48
	
802.11ax (HE40) / Chain 2 / CH 46	802.11ax (HE40) / Chain 3 / CH 46
	
802.11ax (HE80) / Chain 2 / CH 42	802.11ax (HE80) / Chain 3 / CH 42
	

Spectrum Plot for near By DFS Band	
802.11a / Chain 2 / CH 149	802.11a / Chain 3 / CH 149
	
802.11ax (HE20) / Chain 2 / CH 149	802.11ax (HE20) / Chain 3 / CH 149
	
802.11ax (HE40) / Chain 2 / CH 151	802.11ax (HE40) / Chain 3 / CH 151
	
802.11ax (HE80) / Chain 2 / CH 155	802.11ax (HE80) / Chain 3 / CH 155
	

3TX

802.11a

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 1	Chain 2	Chain 3
36	5180	17.28	17.40	18.36
40	5200	19.44	20.88	24.36
48	5240	17.52	19.44	19.08
149	5745	34.68	35.48	32.04
157	5785	34.92	36.72	32.40
165	5825	35.40	36.36	33.72

802.11ax (HE20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 1	Chain 2	Chain 3
36	5180	18.00	18.12	18.36
40	5200	18.36	20.16	23.76
48	5240	18.48	18.96	19.56
149	5745	35.76	37.80	33.84
157	5785	36.72	38.28	33.84
165	5825	36.48	36.72	34.08

802.11ax (HE40)

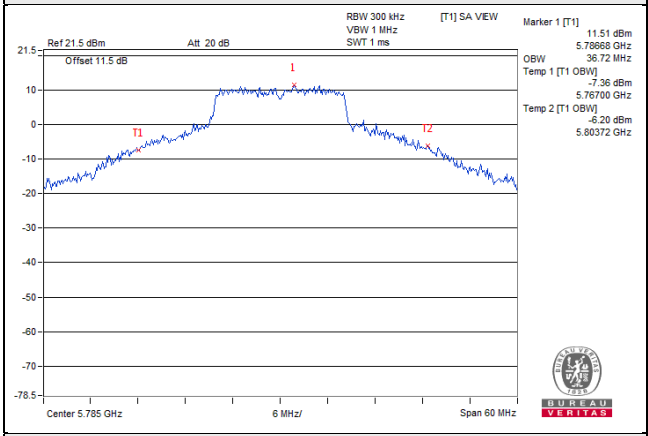
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 1	Chain 2	Chain 3
38	5190	36.60	36.72	36.84
46	5230	37.44	38.16	38.28
151	5755	51.48	48.24	51.48
159	5795	51.48	49.44	51.96

802.11ax (HE80)

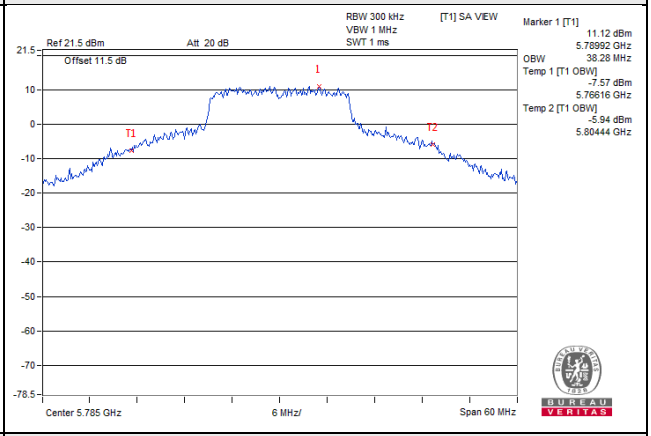
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 1	Chain 2	Chain 3
42	5210	75.84	75.60	76.08
155	5775	76.32	76.32	76.32

Spectrum Plot of Worst Value

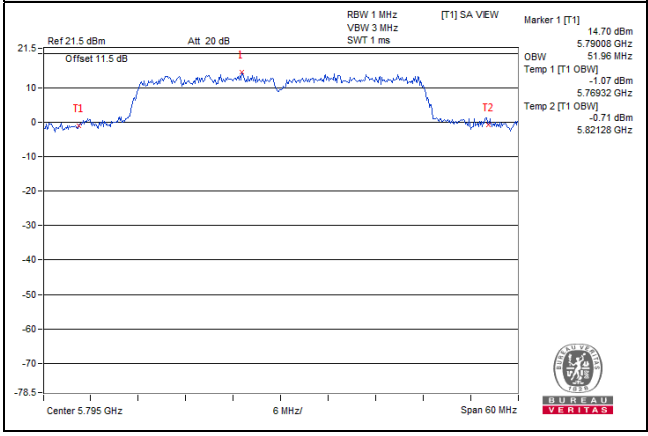
802.11a



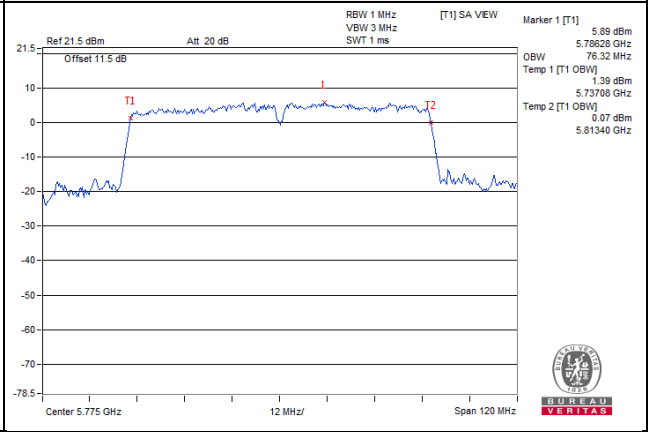
802.11ax (HE20)

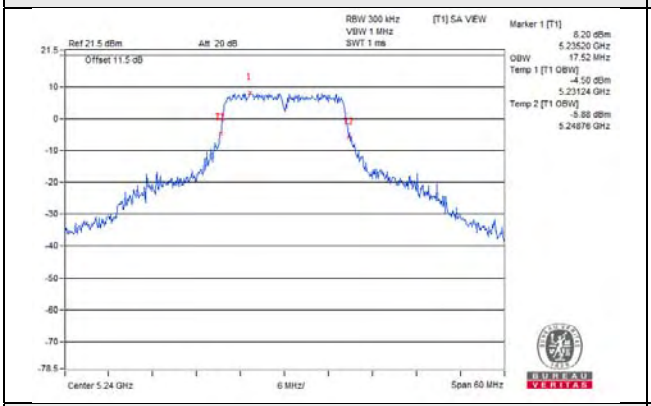
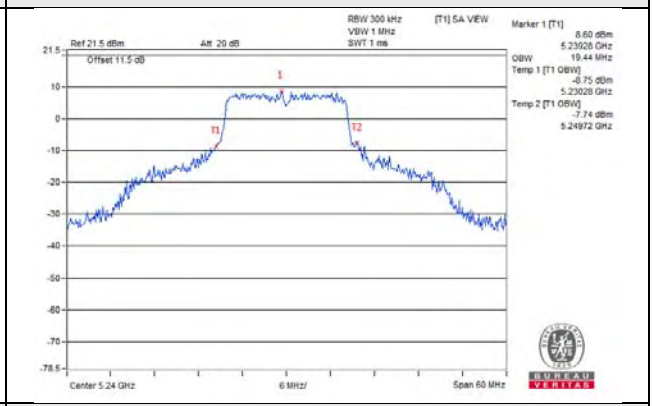
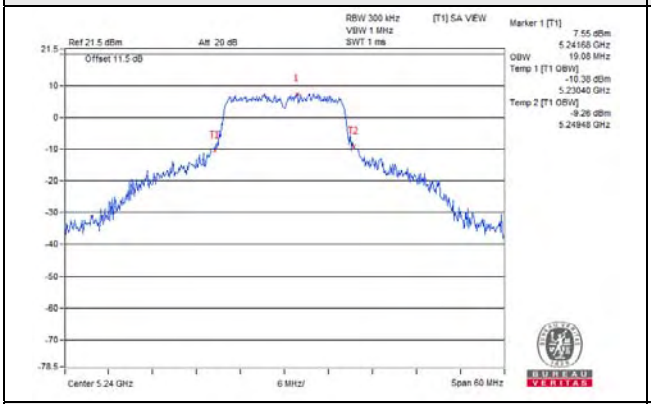
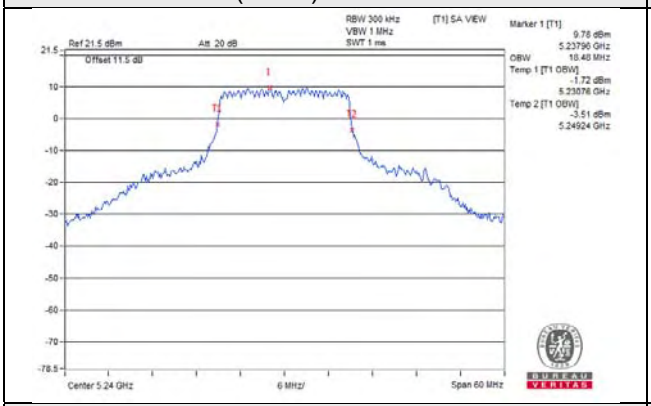
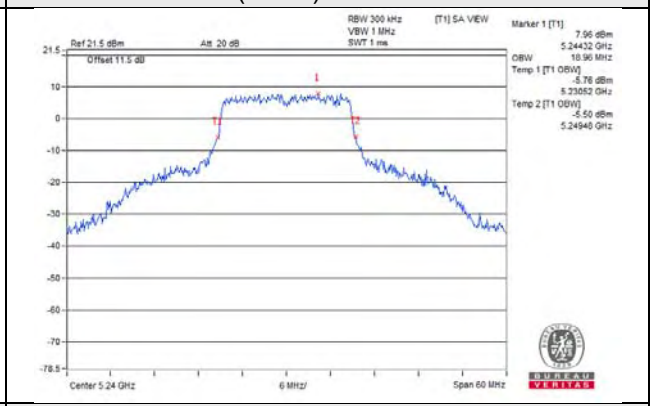
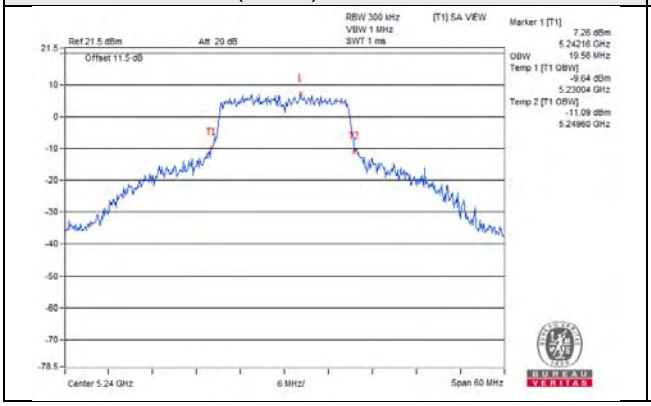


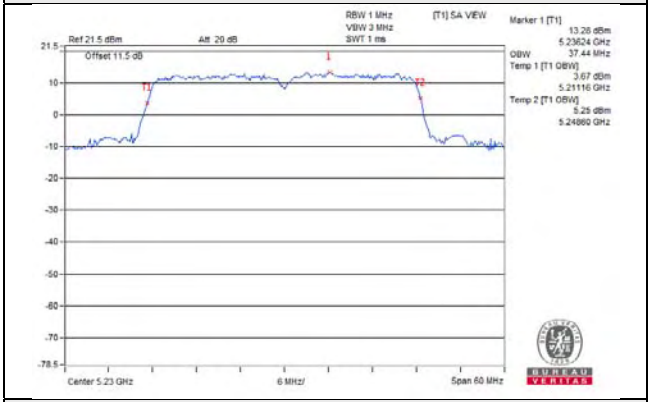
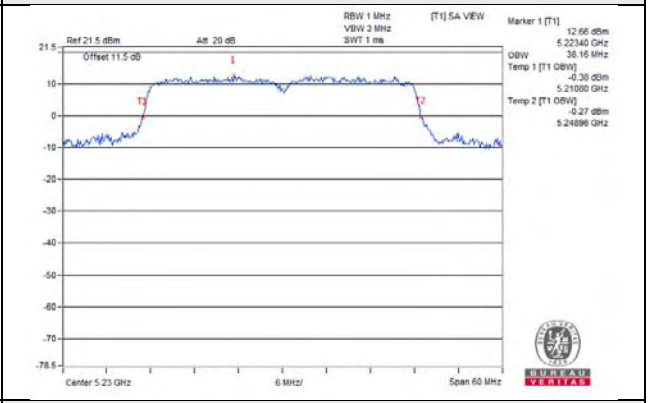
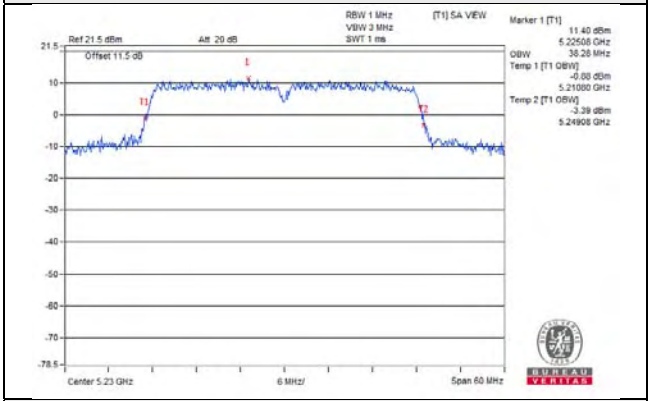
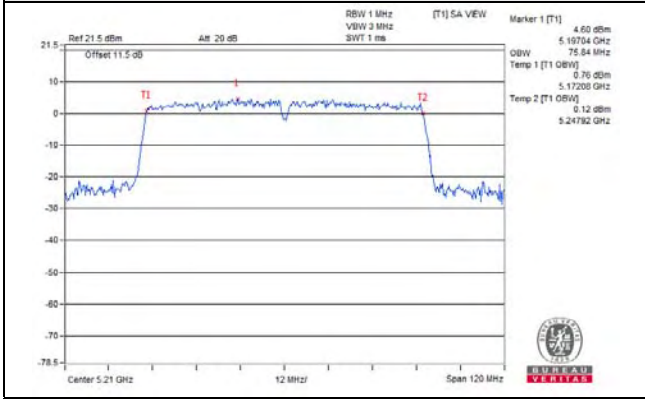
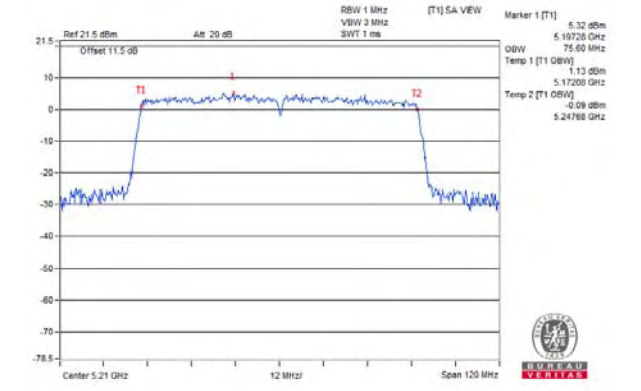
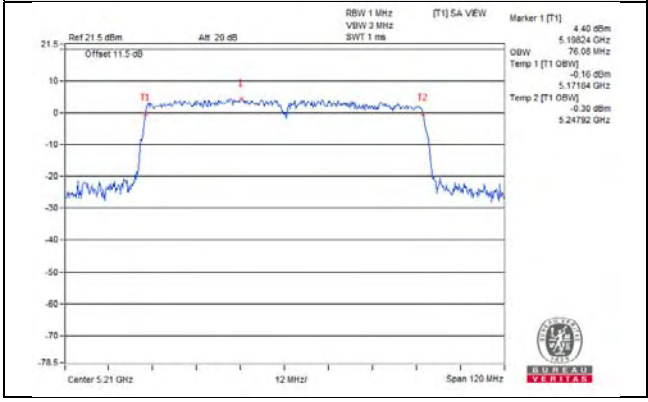
802.11ax (HE40)

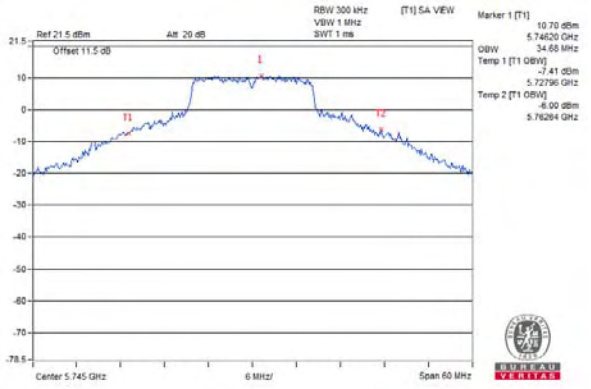
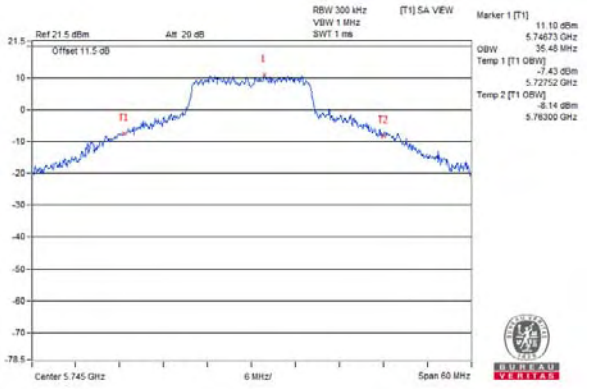
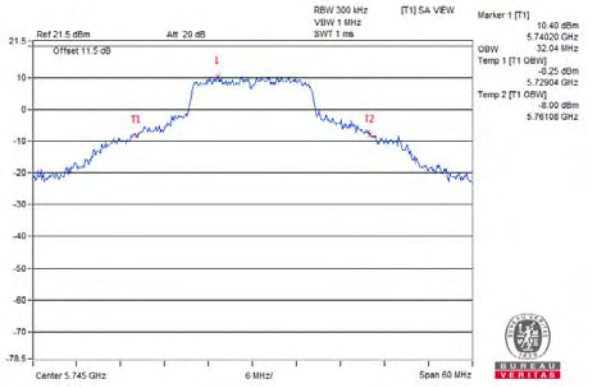
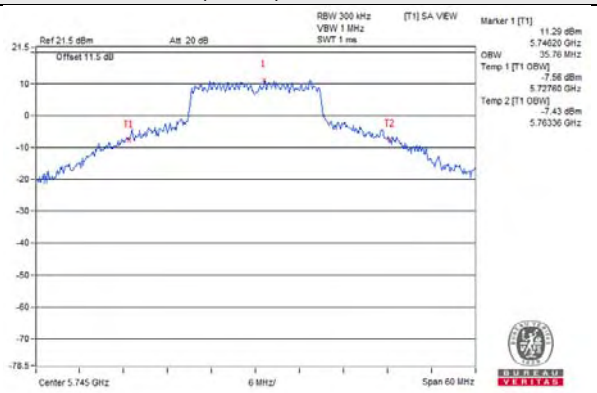
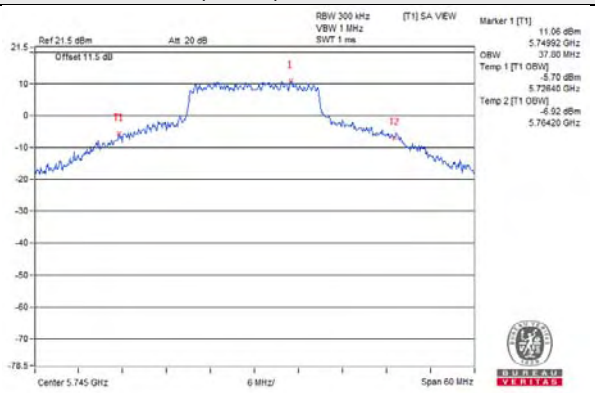
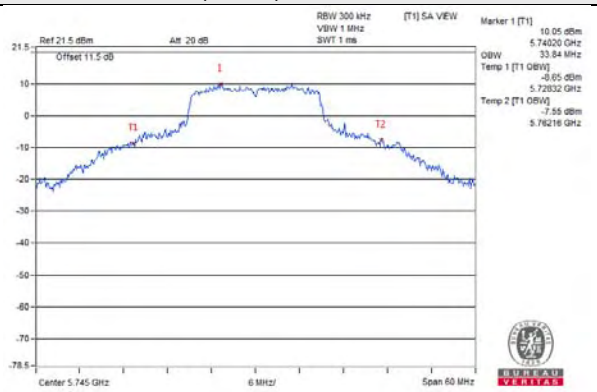


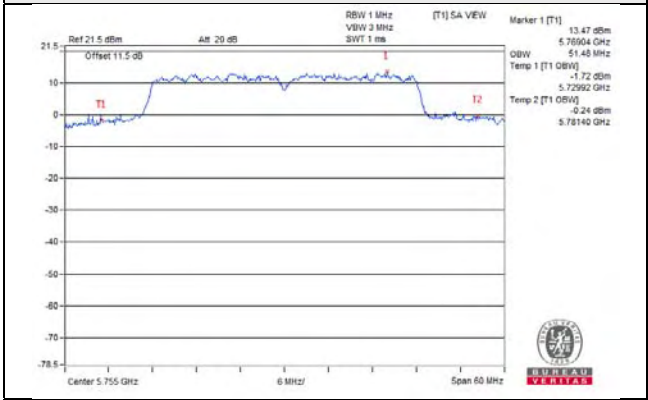
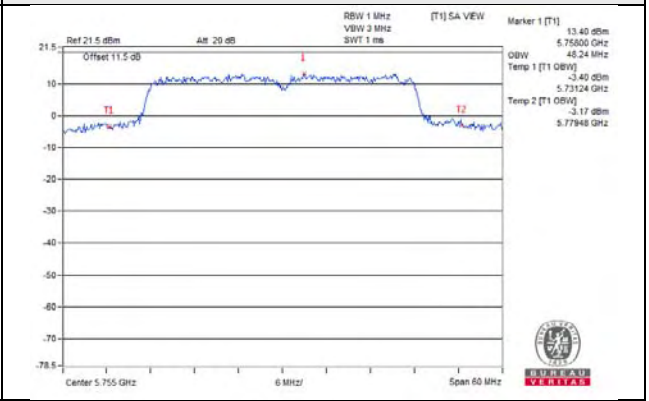
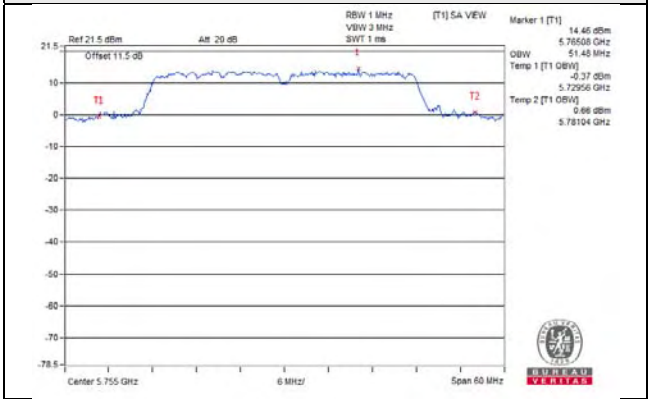
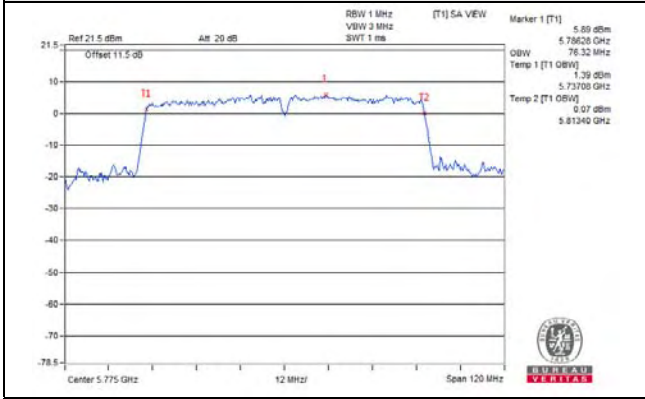
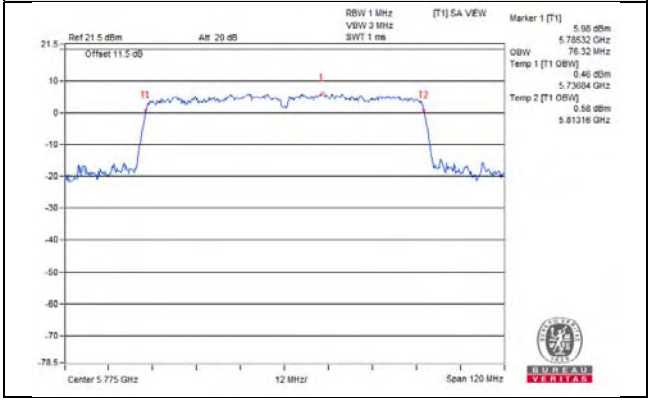
802.11ax (HE80)



Spectrum Plot for near By DFS Band	
802.11a / Chain 1 / CH 48	802.11a / Chain 2 / CH 48
	
802.11a / Chain 3 / CH 48	
	
802.11ax (HE20) / Chain 1 / CH 48	802.11ax (HE20) / Chain 2 / CH 48
	
802.11ax (HE20) / Chain 3 / CH 48	
	

Spectrum Plot for near By DFS Band	
802.11ax (HE40) / Chain 1 / CH 46	802.11ax (HE40) / Chain 2 / CH 46
	
802.11ax (HE40) / Chain 3 / CH 46	
	
802.11ax (HE80) / Chain 1 / CH 42	802.11ax (HE80) / Chain 2 / CH 42
	
802.11ax (HE80) / Chain 3 / CH 42	
	

Spectrum Plot for near By DFS Band	
802.11a / Chain 1 / CH 149	802.11a / Chain 2 / CH 149
	
802.11a / Chain 3 / CH 149	
	
802.11ax (HE20) / Chain 1 / CH 149	802.11ax (HE20) / Chain 2 / CH 149
	
802.11ax (HE20) / Chain 3 / CH 149	
	

Spectrum Plot for near By DFS Band	
802.11ax (HE40) / Chain 1 / CH 151	802.11ax (HE40) / Chain 2 / CH 151
	
802.11ax (HE40) / Chain 3 / CH 151	
	
802.11ax (HE80) / Chain 1 / CH 155	802.11ax (HE80) / Chain 2 / CH 155
	
802.11ax (HE80) / Chain 3 / CH 155	
	

Test Mode C (Internal antenna + Eth7 Radio)

1TX

802.11a

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
36	5180	17.40
40	5200	21.12
48	5240	18.60
149	5745	25.80
157	5785	24.72
165	5825	25.68

802.11ax (HE20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
36	5180	18.36
40	5200	23.28
48	5240	19.08
149	5745	27.84
157	5785	25.92
165	5825	25.92

802.11ax (HE40)

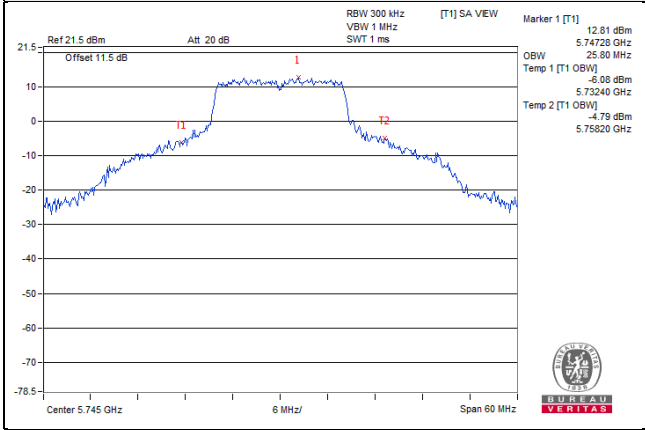
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
38	5190	36.84
46	5230	37.56
151	5755	39.24
159	5795	39.48

802.11ax (HE80)

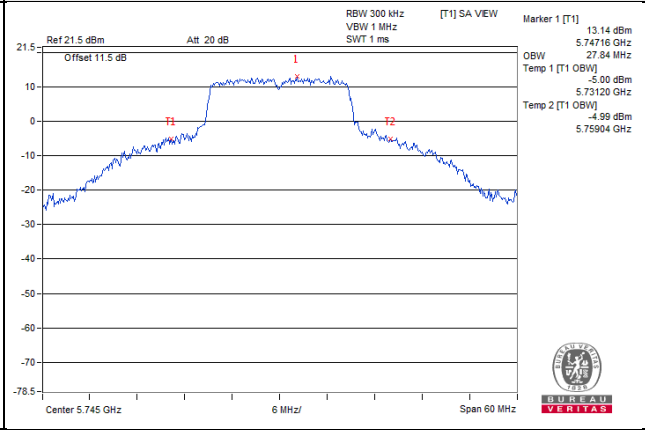
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
42	5210	75.84
155	5775	76.56

Spectrum Plot of Worst Value

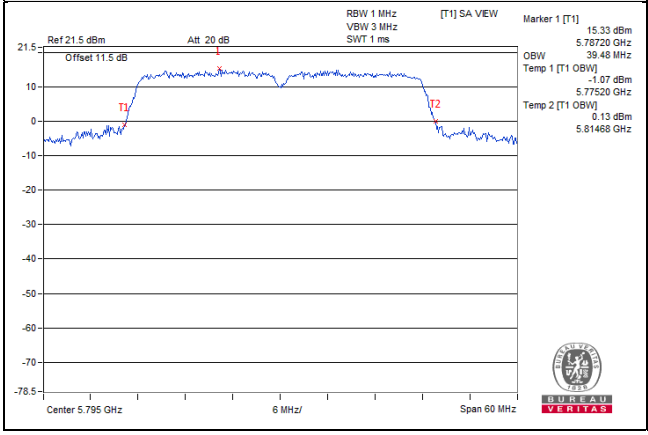
802.11a



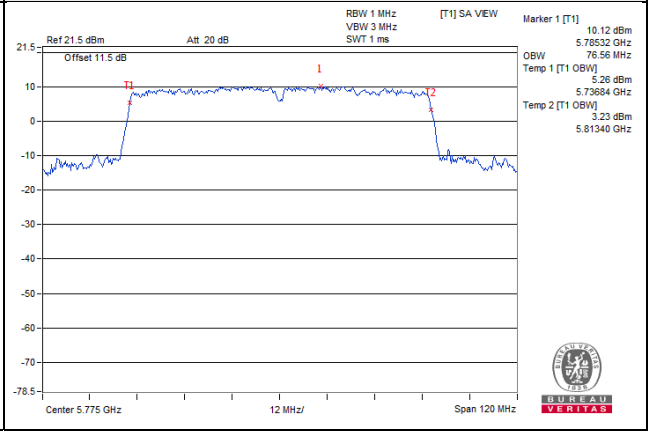
802.11ax (HE20)



802.11ax (HE40)

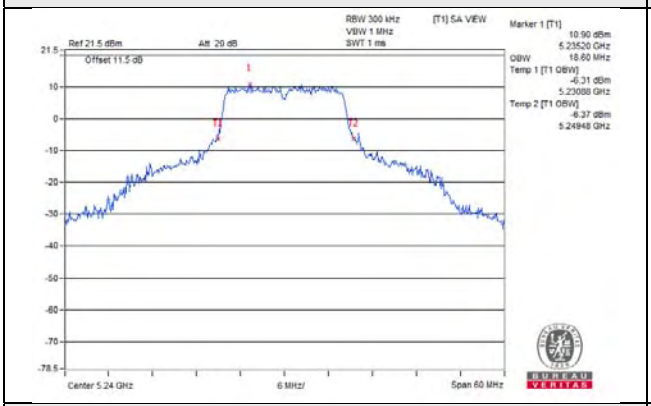


802.11ax (HE80)

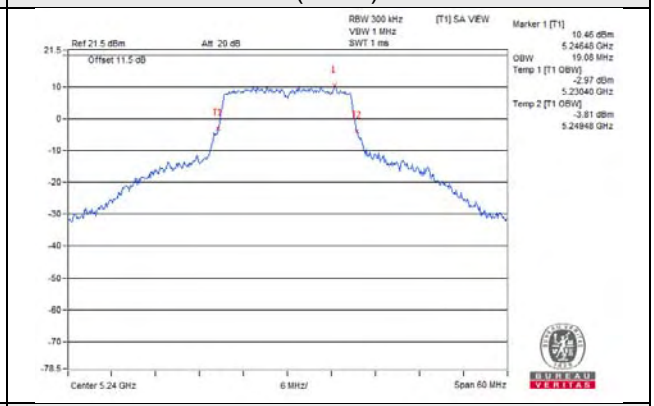


Spectrum Plot for near By DFS Band

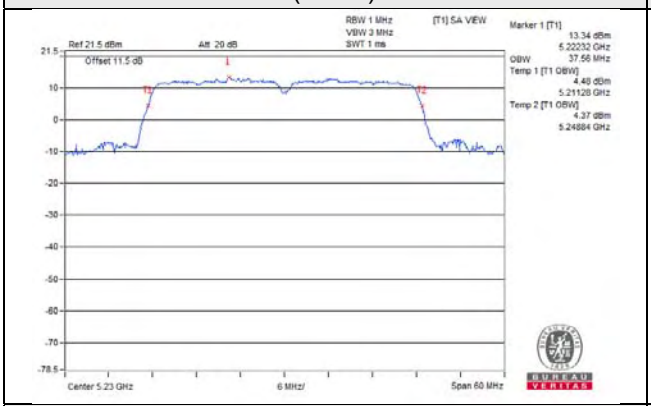
802.11a / CH 48



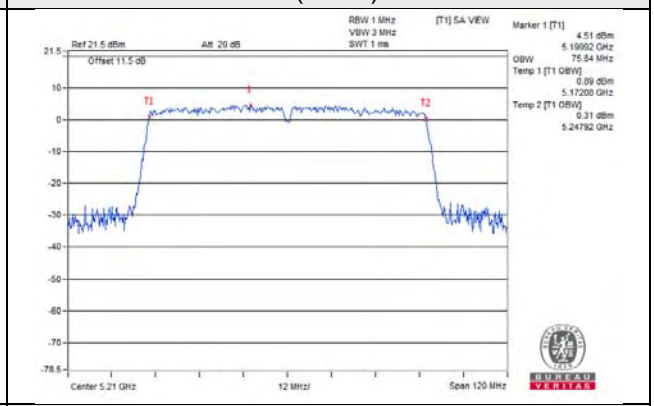
802.11ax (HE20) / CH 48



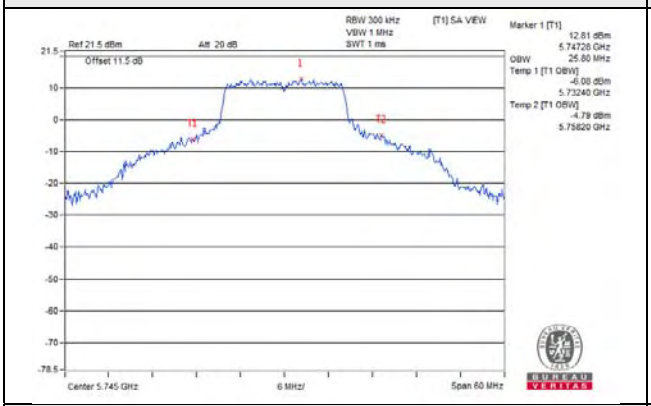
802.11ax (HE40) / CH 46



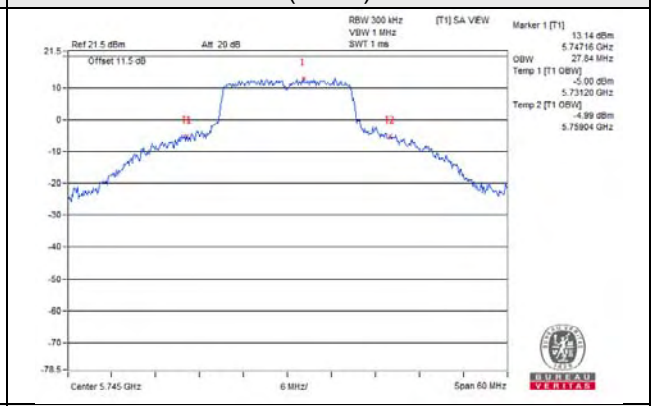
802.11ax (HE80) / CH 42



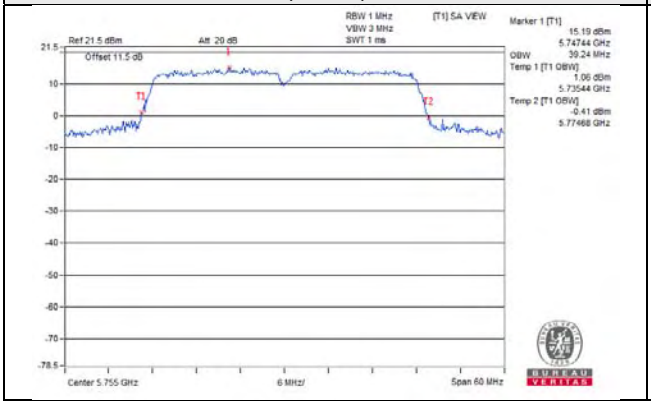
802.11a / CH 149



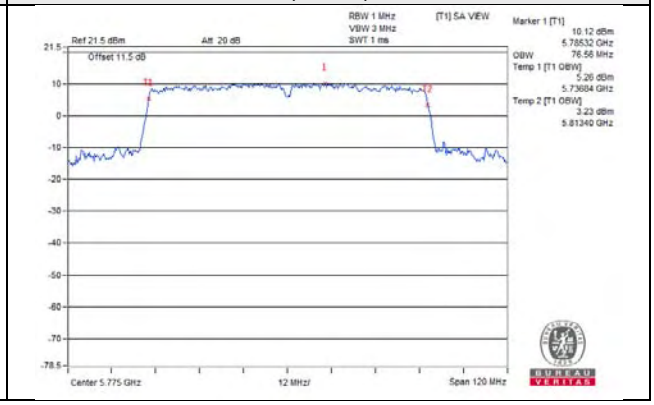
802.11ax (HE20) / CH 149



802.11ax (HE40) / CH 151



802.11ax (HE80) / CH 155



Test Mode E (Internal antenna + Eth8 Radio)

1TX

802.11a

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
149	5745	21.56
157	5785	21.60
165	5825	20.40

802.11ax (HE20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
149	5745	21.84
157	5785	21.72
165	5825	20.40

802.11ax (HE40)

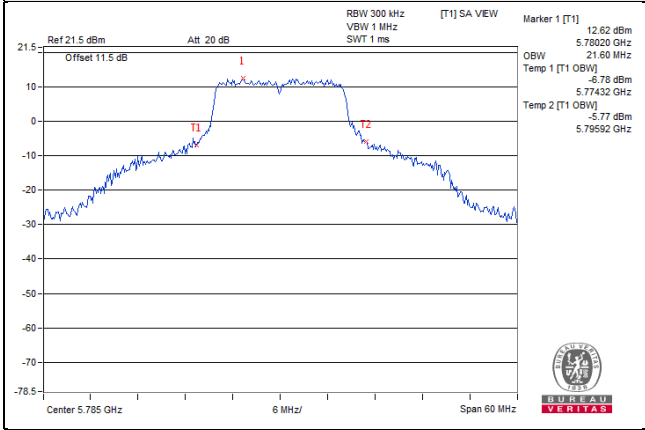
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
151	5755	38.08
159	5795	38.40

802.11ax (HE80)

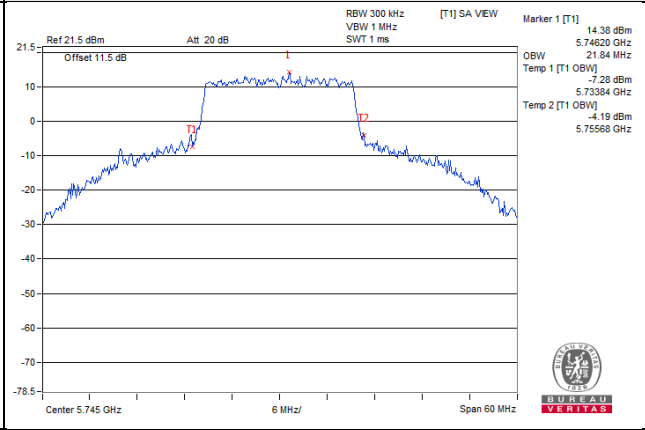
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
155	5775	78.09

Spectrum Plot of Worst Value

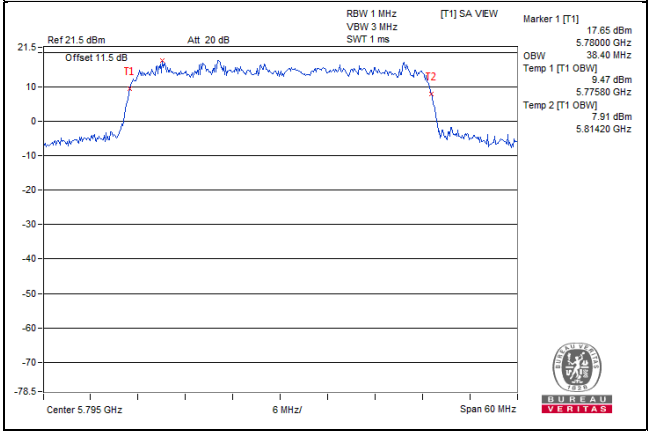
802.11a



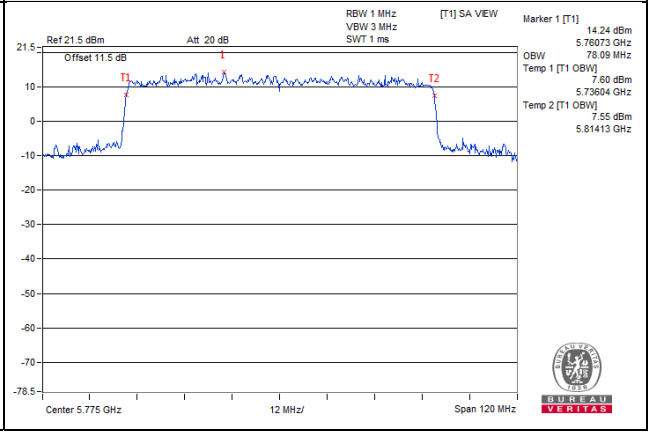
802.11ax (HE20)

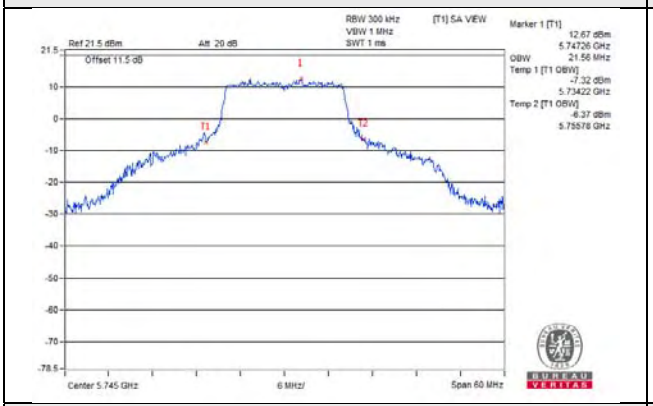
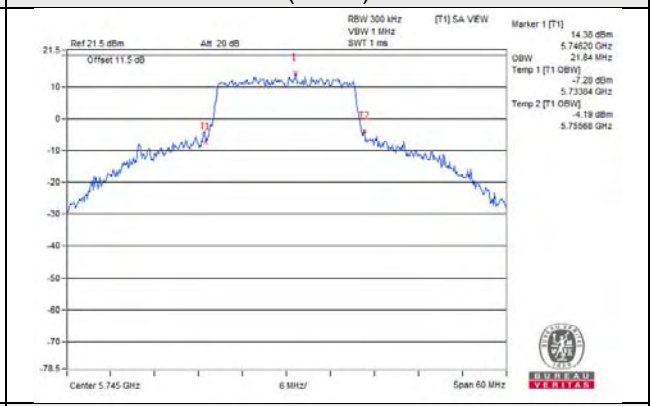
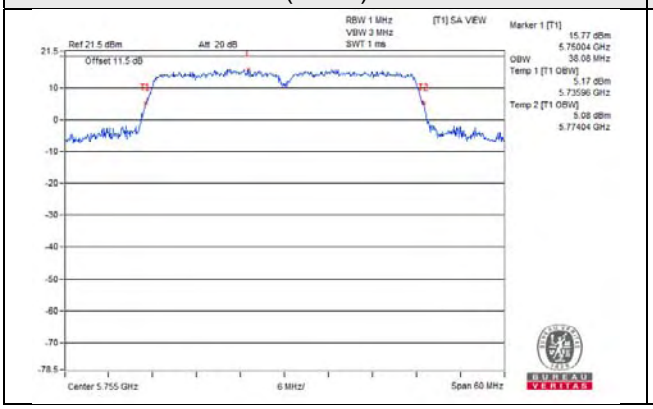
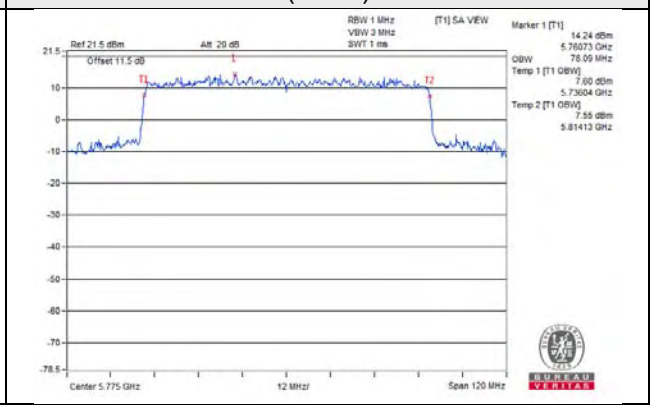


802.11ax (HE40)



802.11ax (HE80)



Spectrum Plot for near By DFS Band	
802.11a / CH 149	802.11ax (HE20) / CH 149
	
802.11ax (HE40) / CH 151	802.11ax (HE80) / CH 155
	

2TX

802.11a

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 1	Chain 2
149	5745	24.61	21.56
157	5785	26.04	21.60
165	5825	24.36	20.40

802.11ax (HE20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 1	Chain 2
149	5745	26.09	21.84
157	5785	26.64	21.72
165	5825	23.28	20.40

802.11ax (HE40)

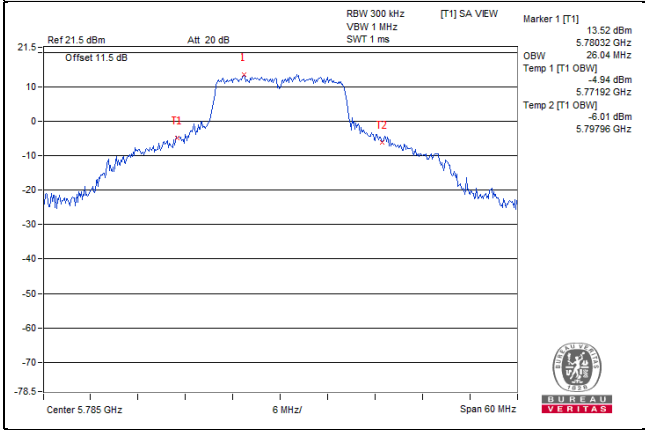
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 1	Chain 2
151	5755	38.78	38.08
159	5795	38.52	38.40

802.11ax (HE80)

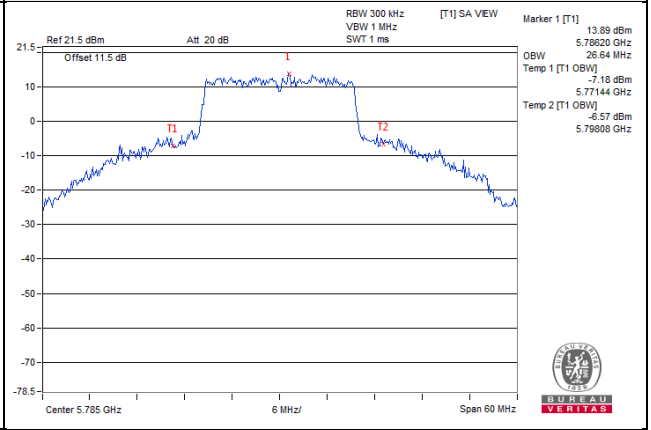
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 1	Chain 2
155	5775	77.56	77.39

Spectrum Plot of Worst Value

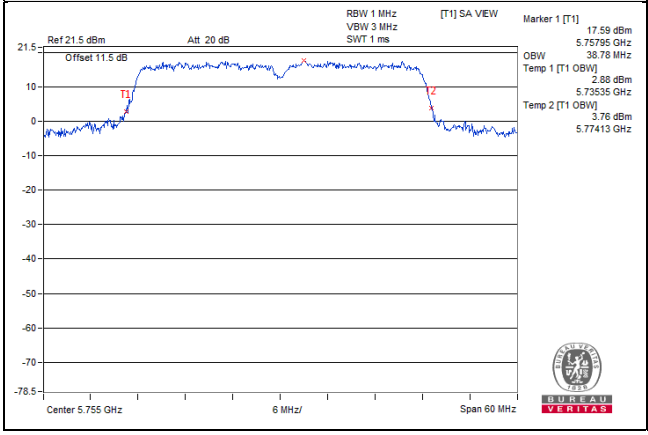
802.11a



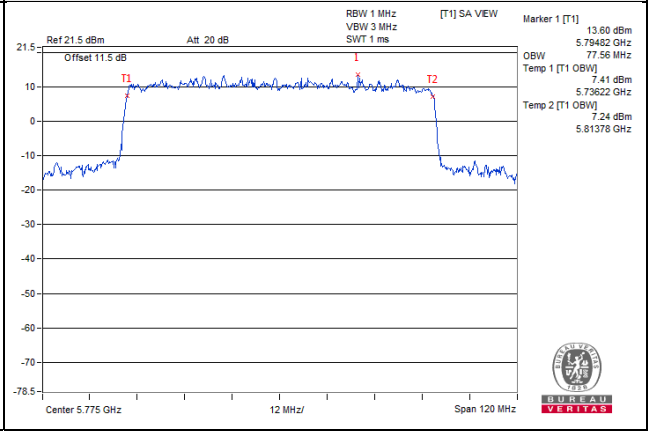
802.11ax (HE20)

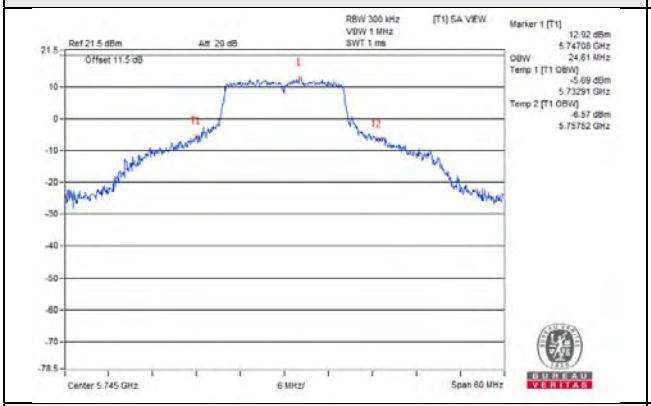
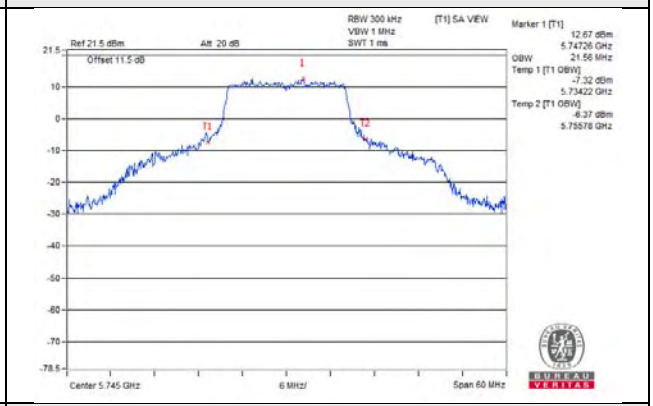
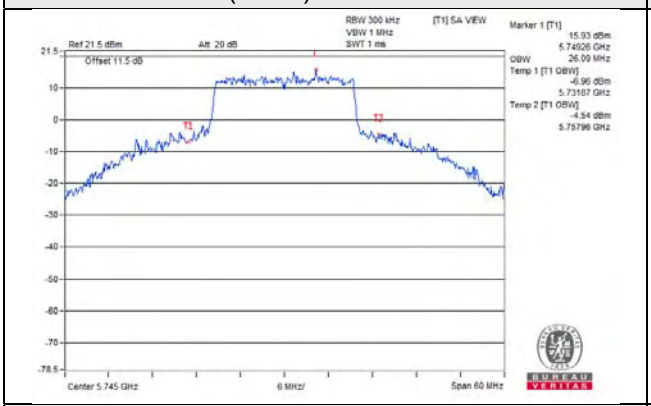
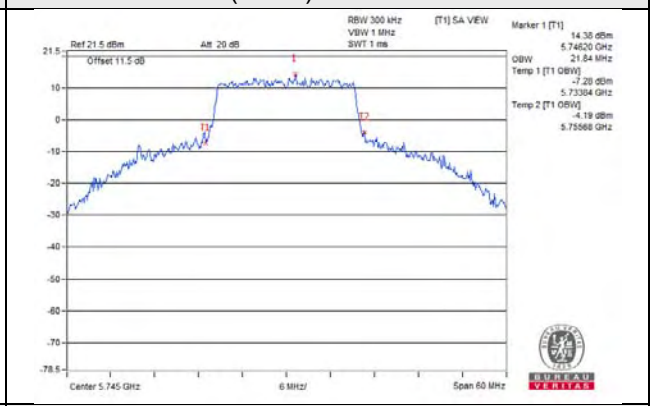
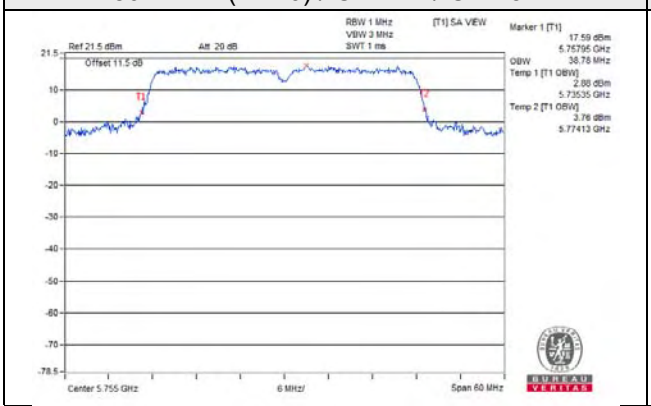
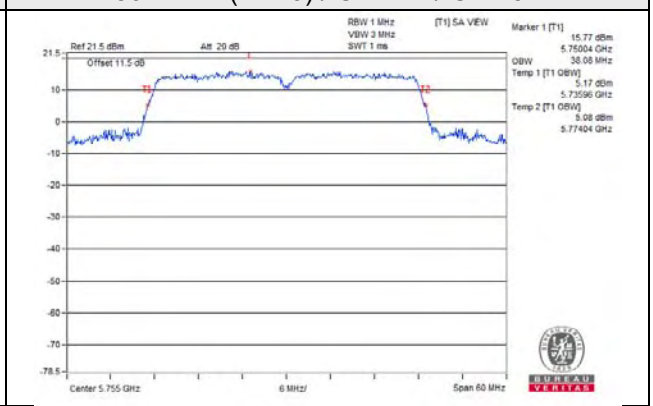
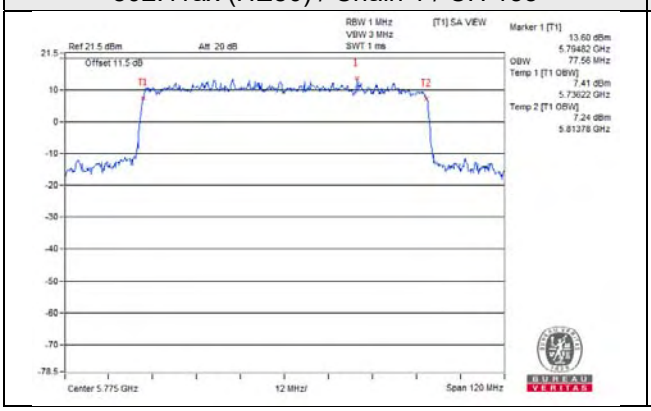
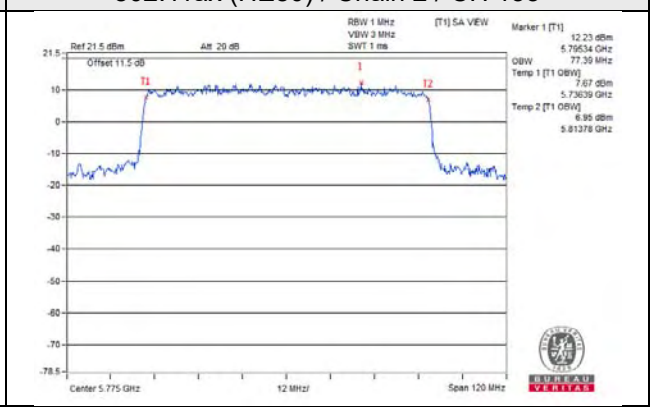


802.11ax (HE40)



802.11ax (HE80)



Spectrum Plot for near By DFS Band	
802.11a / Chain 1 / CH 149	802.11a / Chain 2 / CH 149
	
802.11ax (HE20) / Chain 1 / CH 149	802.11ax (HE20) / Chain 2 / CH 149
	
802.11ax (HE40) / Chain 1 / CH 151	802.11ax (HE40) / Chain 2 / CH 151
	
802.11ax (HE80) / Chain 1 / CH 155	802.11ax (HE80) / Chain 2 / CH 155
	

3TX

802.11a

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 1	Chain 2	Chain 3
149	5745	24.61	26.26	21.56
157	5785	26.04	26.64	21.60
165	5825	24.36	25.92	20.40

802.11ax (HE20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 1	Chain 2	Chain 3
149	5745	26.09	23.22	21.84
157	5785	26.64	24.12	21.72
165	5825	23.28	21.60	20.40

802.11ax (HE40)

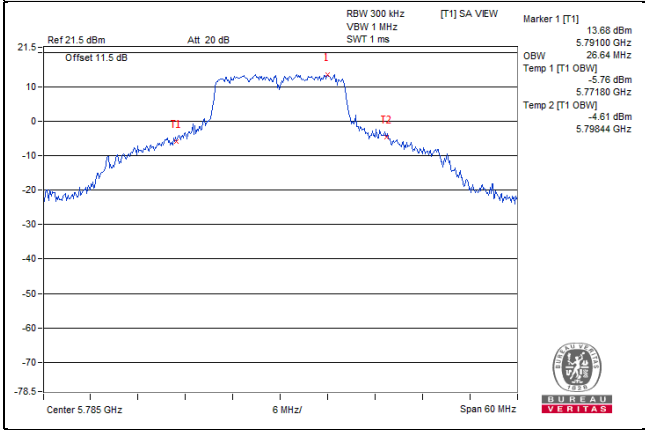
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 1	Chain 2	Chain 3
151	5755	38.78	37.92	38.08
159	5795	38.52	38.64	38.40

802.11ax (HE80)

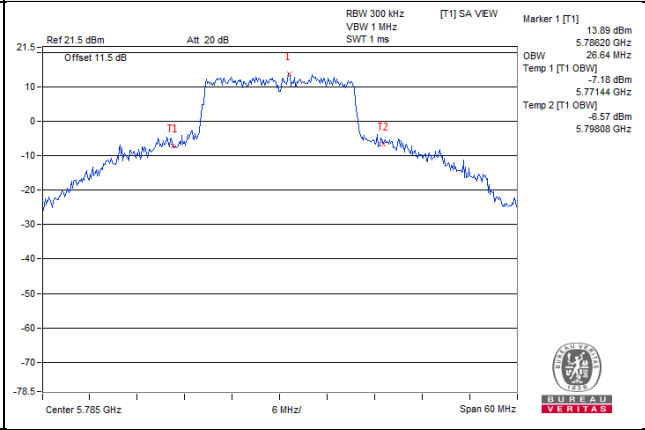
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 1	Chain 2	Chain 3
155	5775	75.84	75.84	75.82

Spectrum Plot of Worst Value

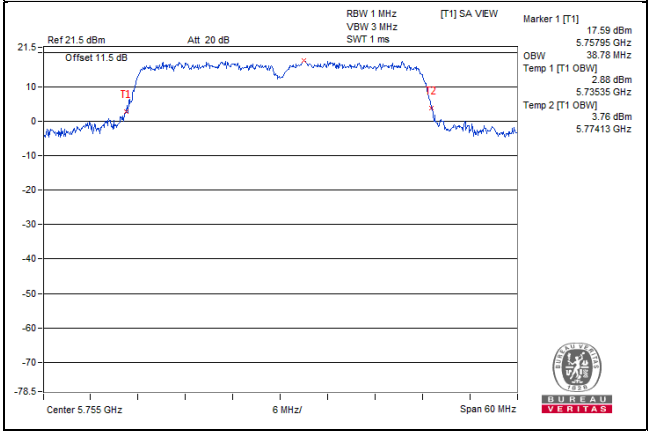
802.11a



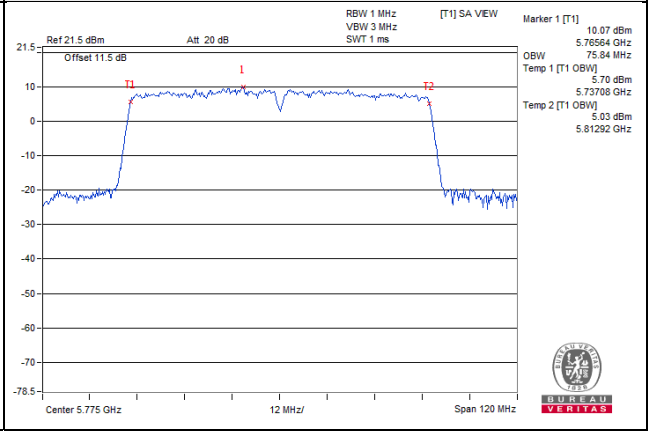
802.11ax (HE20)

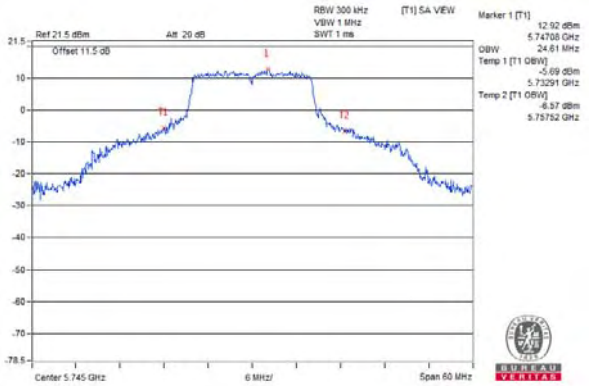
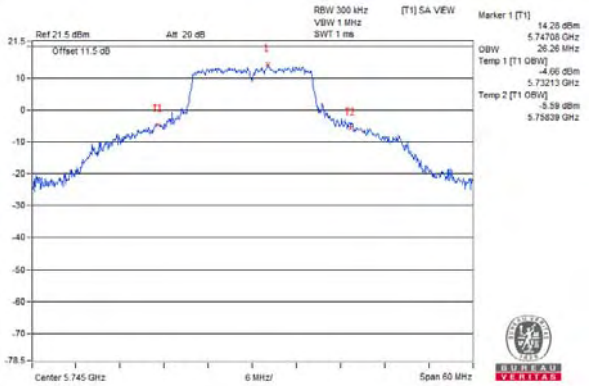
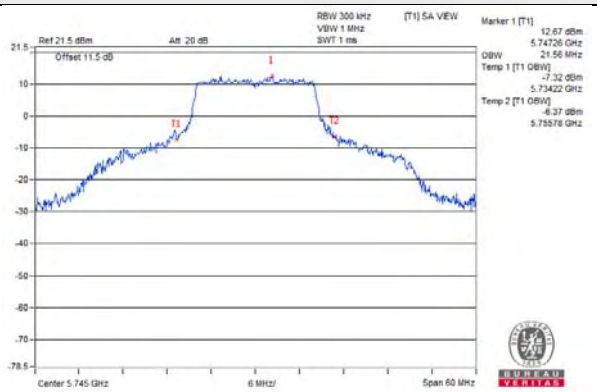
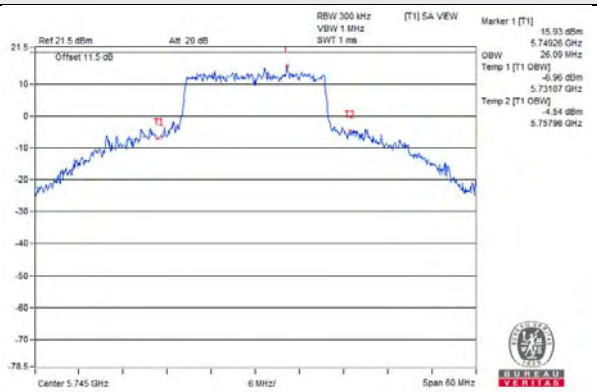
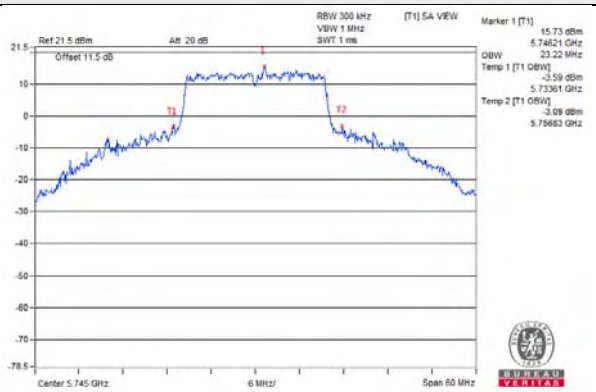
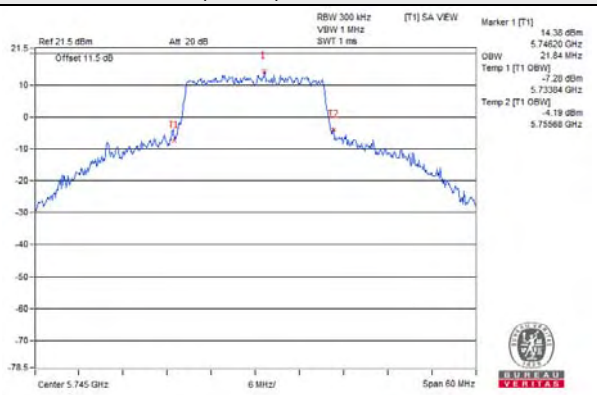


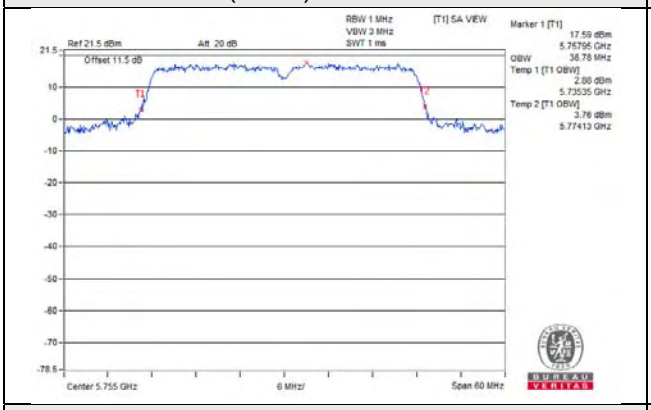
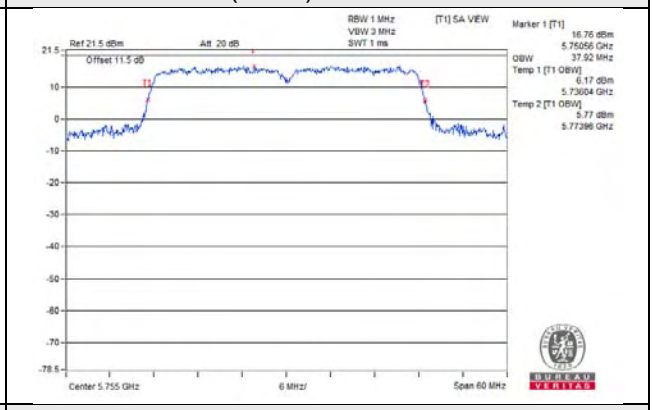
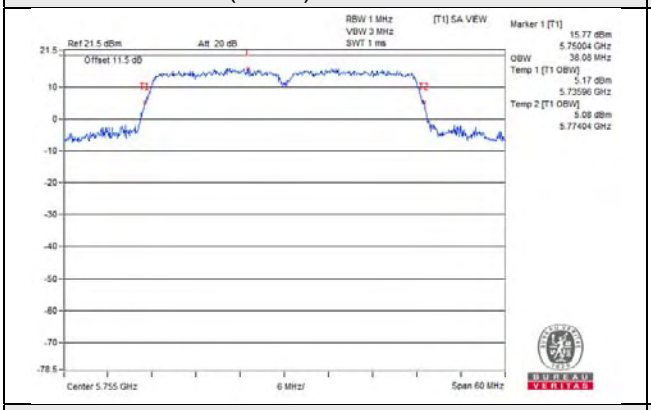
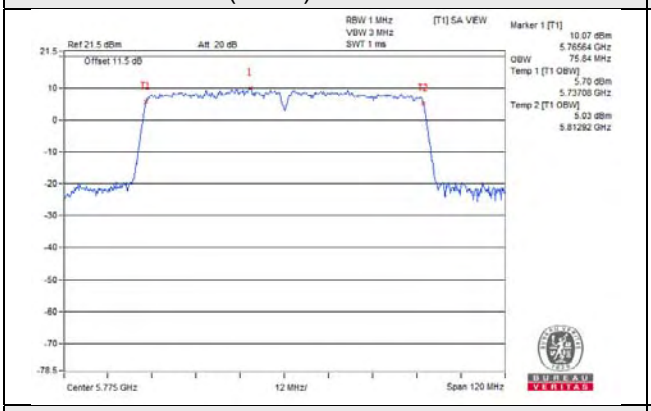
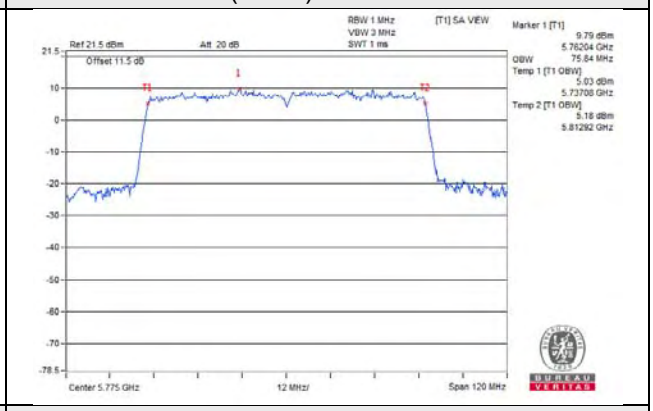
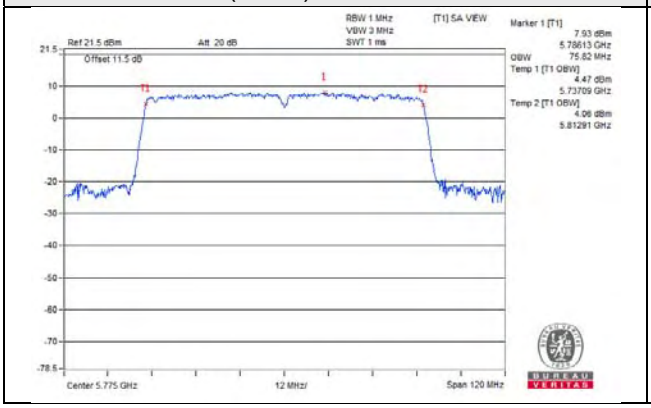
802.11ax (HE40)



802.11ax (HE80)



Spectrum Plot for near By DFS Band	
802.11a / Chain 1 / CH 149	802.11a / Chain 2 / CH 149
	
802.11a / Chain 3 / CH 149	
	
802.11ax (HE20) / Chain 1 / CH 149	802.11ax (HE20) / Chain 2 / CH 149
	
802.11ax (HE20) / Chain 3 / CH 149	
	

Spectrum Plot for near By DFS Band	
802.11ax (HE40) / Chain 1 / CH 151	802.11ax (HE40) / Chain 2 / CH 151
	
802.11ax (HE40) / Chain 3 / CH 151	
	
802.11ax (HE80) / Chain 1 / CH 155	802.11ax (HE80) / Chain 2 / CH 155
	
802.11ax (HE80) / Chain 3 / CH 155	
	

Test Mode G (External antenna – PN: ATS-OO-245-46-4RPSP-36 + Eth6 Radio)

1TX

802.11a

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
36	5180	18.48
40	5200	28.68
48	5240	18.60
149	5745	25.80
157	5785	26.16
165	5825	25.05

802.11ax (HE20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
36	5180	18.48
40	5200	31.08
48	5240	19.44
149	5745	27.96
157	5785	27.36
165	5825	29.04

802.11ax (HE40)

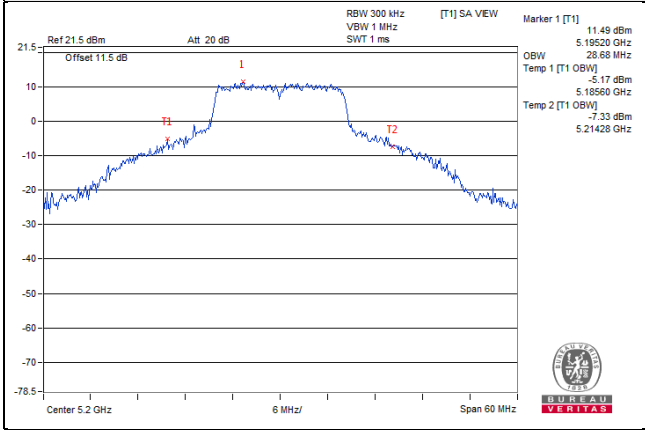
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
38	5190	36.84
46	5230	38.40
151	5755	46.32
159	5795	47.76

802.11ax (HE80)

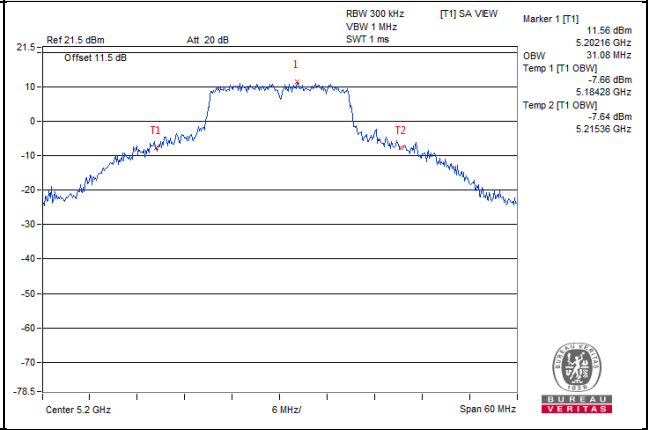
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
42	5210	76.08
155	5775	78.72

Spectrum Plot of Worst Value

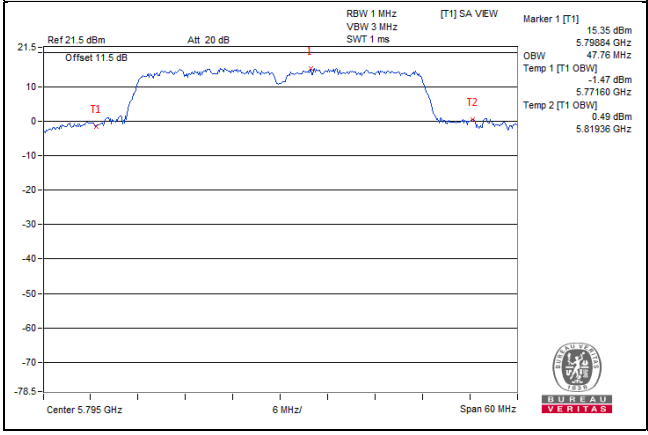
802.11a



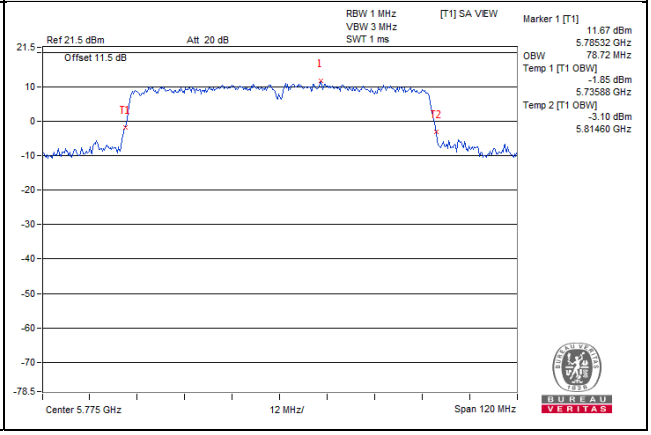
802.11ax (HE20)

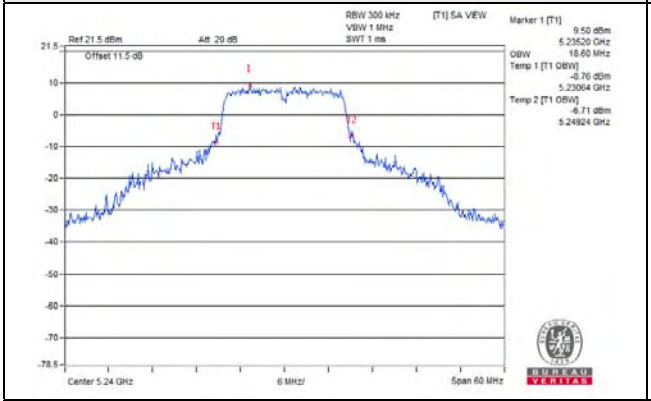
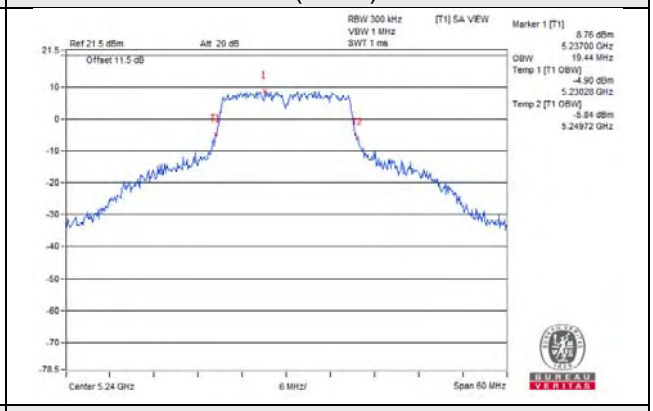
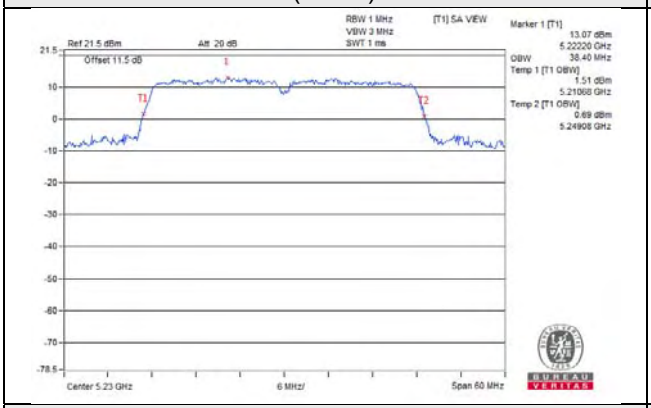
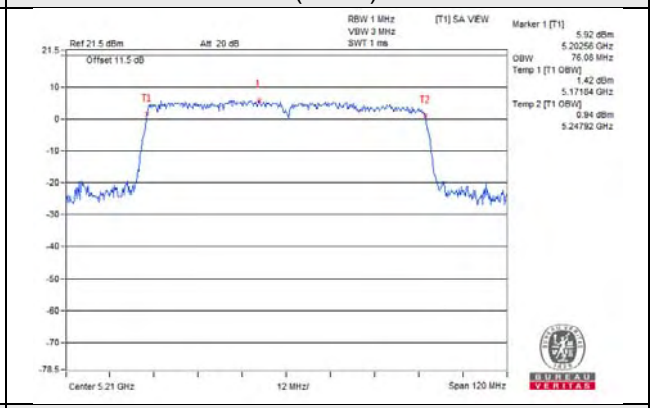
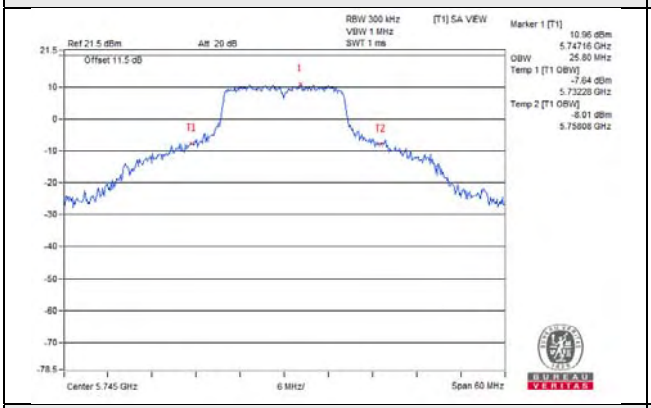
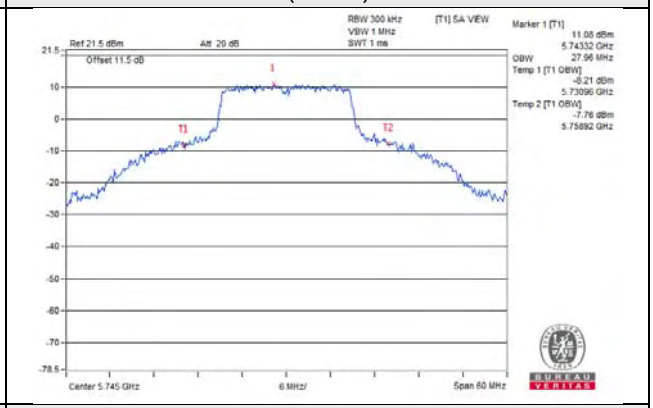
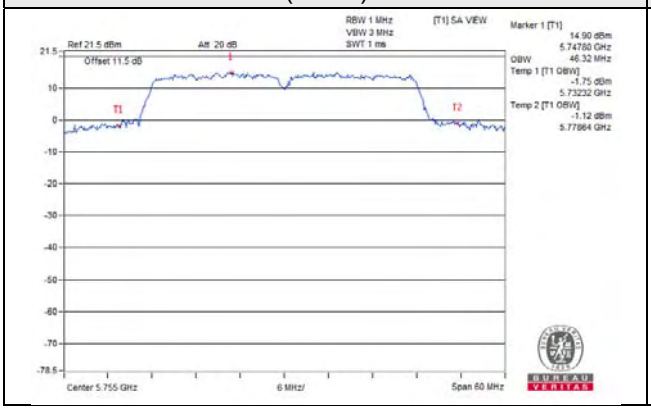
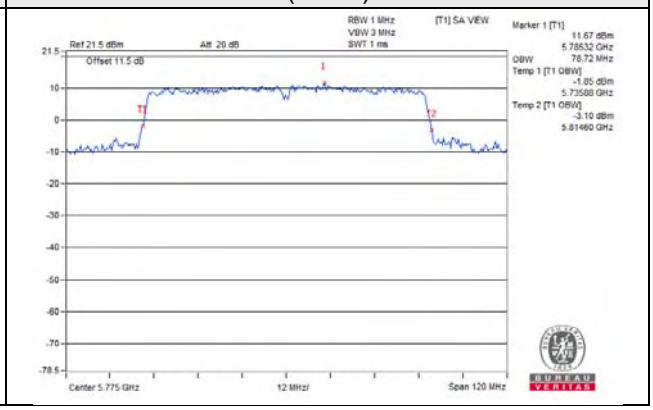


802.11ax (HE40)



802.11ax (HE80)



Spectrum Plot for near By DFS Band	
802.11a / CH 48	802.11ax (HE20) / CH 48
	
802.11ax (HE40) / CH 46	802.11ax (HE80) / CH 42
	
802.11a / CH 149	802.11ax (HE20) / CH 149
	
802.11ax (HE40) / CH 151	802.11ax (HE80) / CH 155
	

2TX

802.11a

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 1	Chain 2
36	5180	17.52	17.40
40	5200	25.80	23.16
48	5240	19.20	19.08
149	5745	30.17	25.80
157	5785	31.44	26.16
165	5825	32.52	25.05

802.11ax (HE20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 1	Chain 2
36	5180	18.12	18.36
40	5200	26.28	27.84
48	5240	19.20	19.80
149	5745	31.80	27.96
157	5785	32.88	27.36
165	5825	34.32	29.04

802.11ax (HE40)

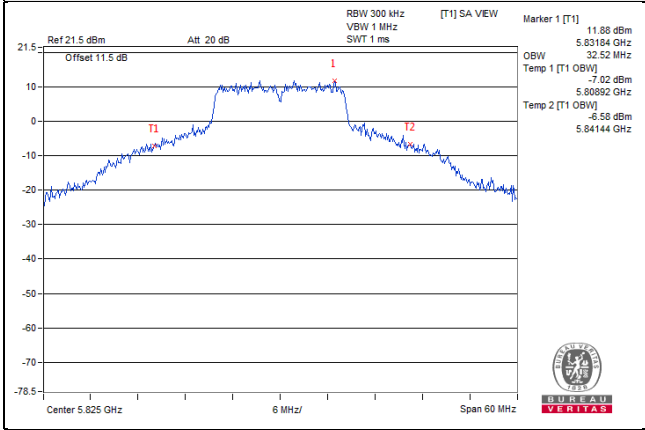
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 1	Chain 2
38	5190	36.60	36.84
46	5230	37.44	38.04
151	5755	47.40	46.32
159	5795	48.00	47.76

802.11ax (HE80)

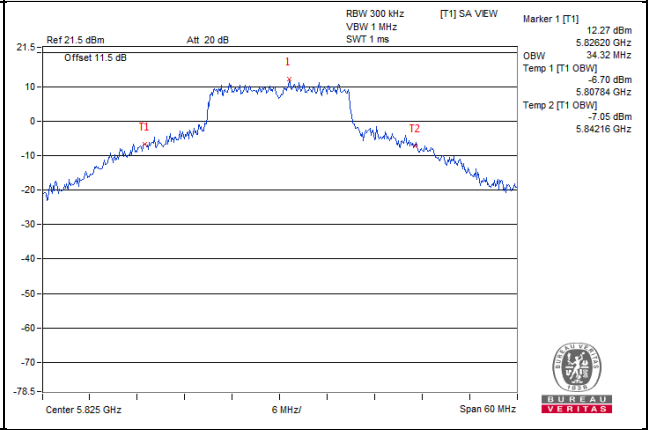
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 1	Chain 2
42	5210	75.84	76.08
155	5775	76.56	76.32

Spectrum Plot of Worst Value

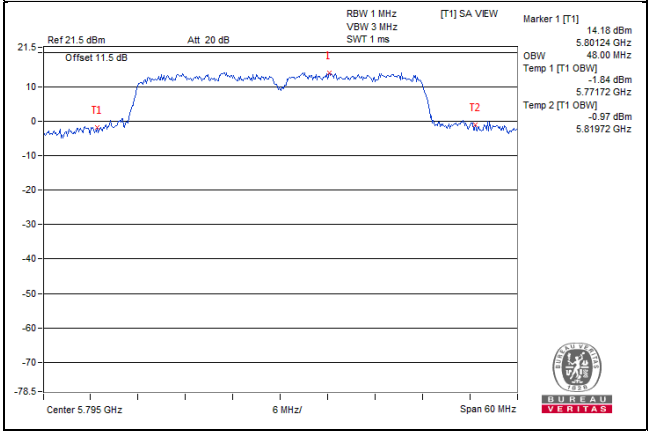
802.11a



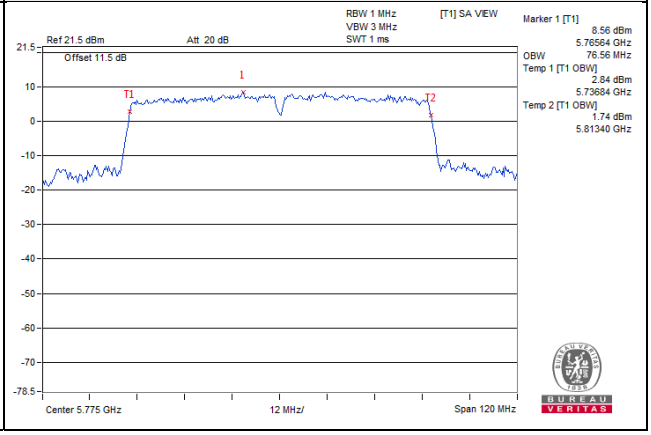
802.11ax (HE20)

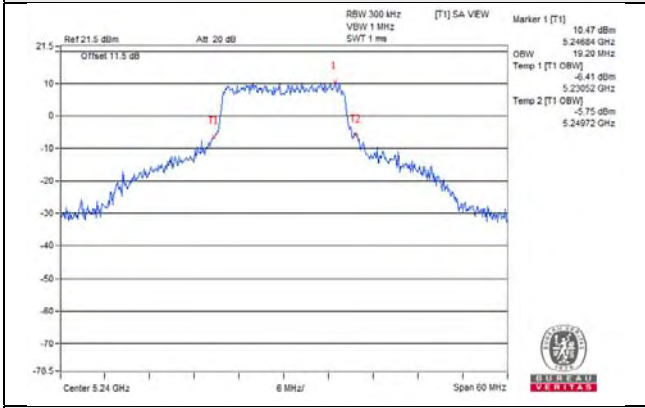
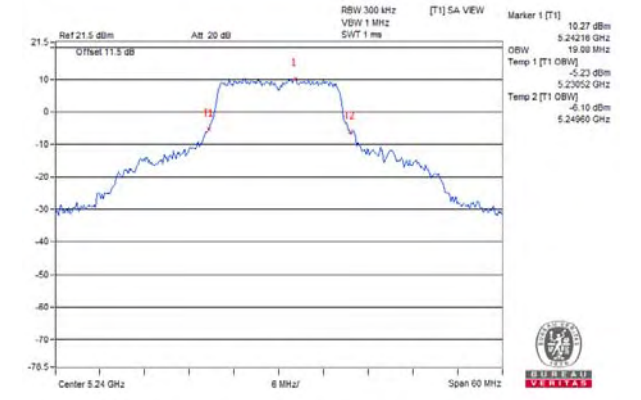
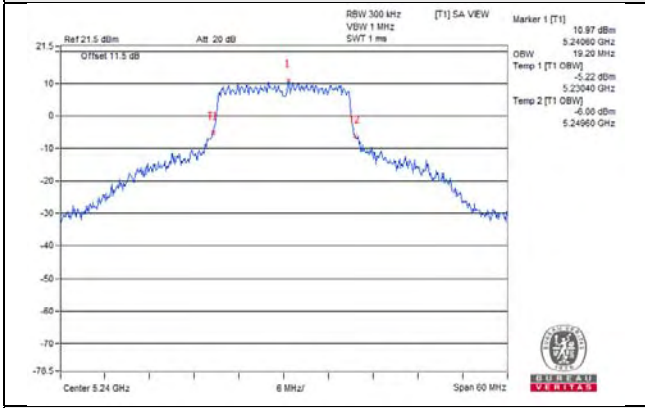
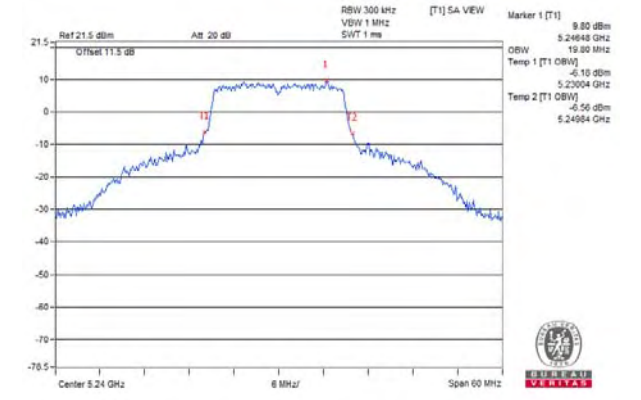
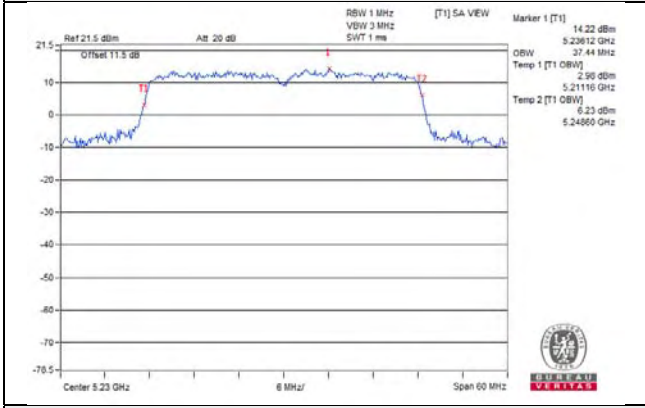
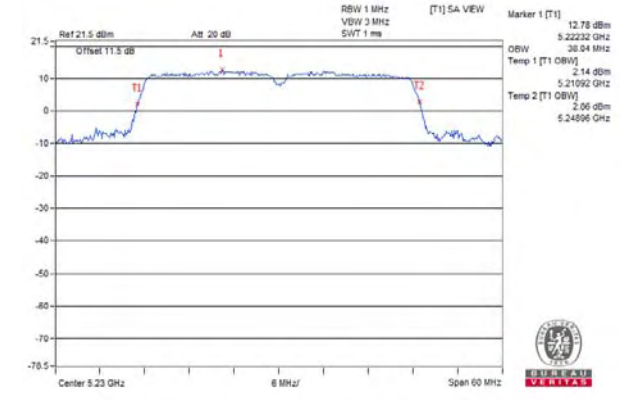
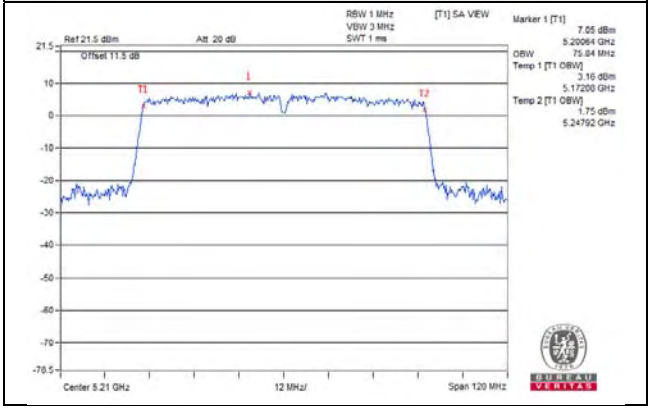
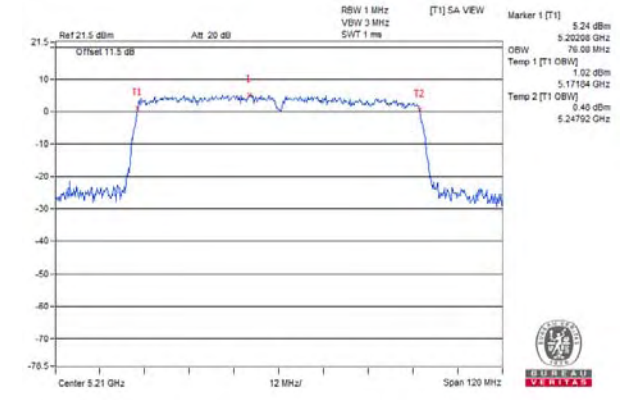


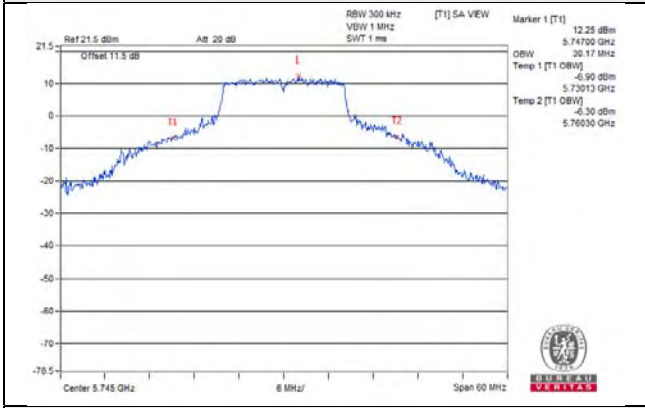
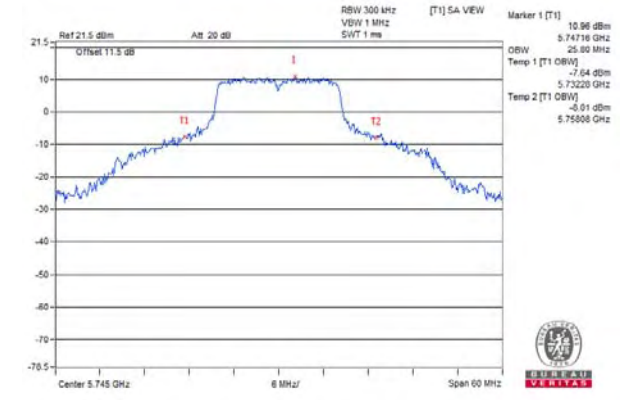
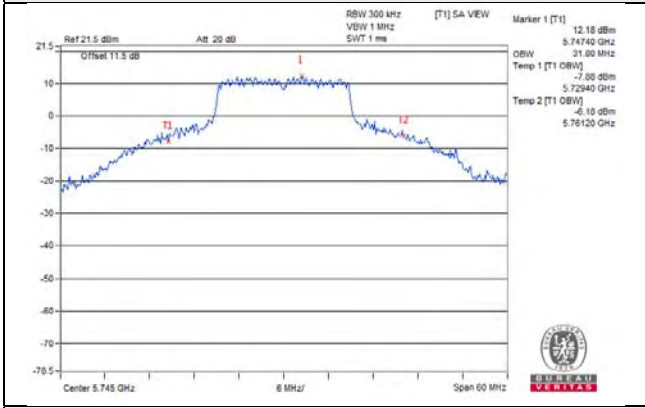
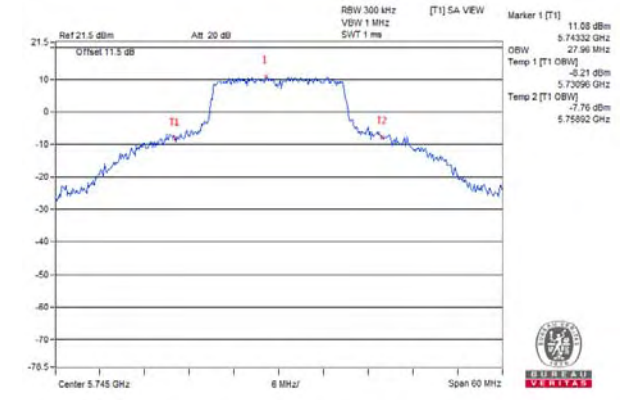
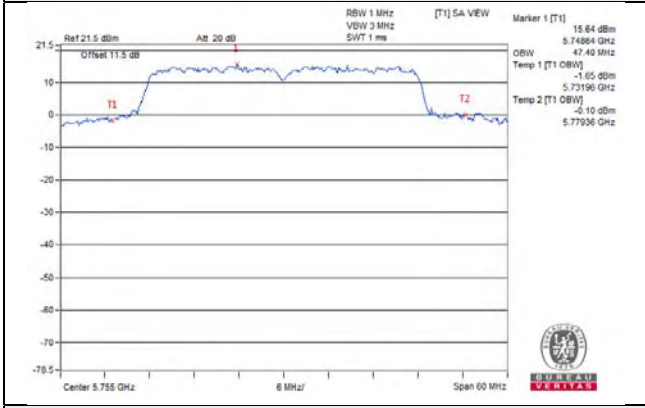
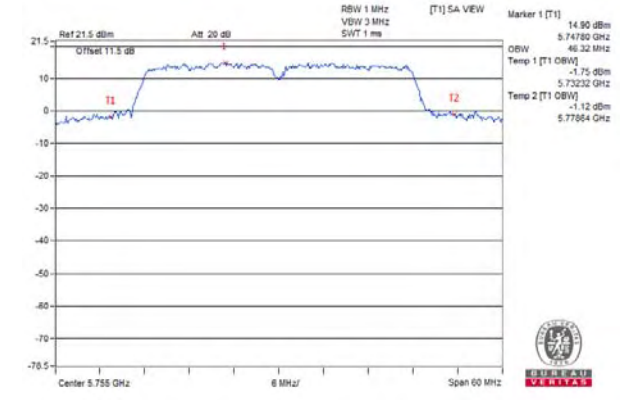
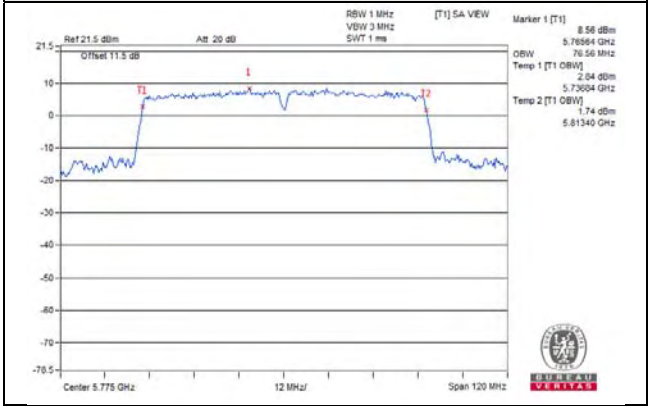
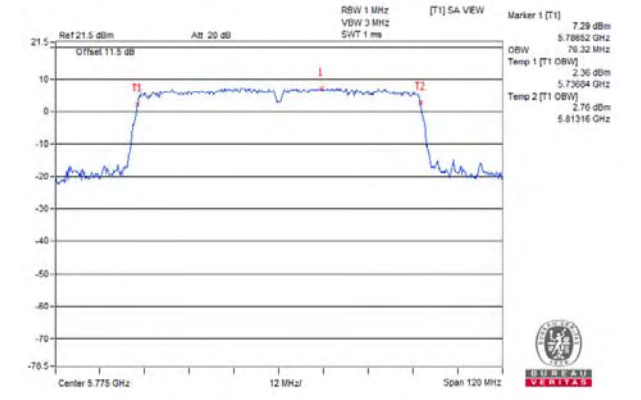
802.11ax (HE40)



802.11ax (HE80)



Spectrum Plot for near By DFS Band	
802.11a / Chain 1 / CH 48	802.11a / Chain 2 / CH 48
	
802.11ax (HE20) / Chain 1 / CH 48	802.11ax (HE20) / Chain 2 / CH 48
	
802.11ax (HE40) / Chain 1 / CH 46	802.11ax (HE40) / Chain 2 / CH 46
	
802.11ax (HE80) / Chain 1 / CH 42	802.11ax (HE80) / Chain 2 / CH 42
	

Spectrum Plot for near By DFS Band	
802.11a / Chain 1 / CH 149	802.11a / Chain 2 / CH 149
	
802.11ax (HE20) / Chain 1 / CH 149	802.11ax (HE20) / Chain 2 / CH 149
	
802.11ax (HE40) / Chain 1 / CH 151	802.11ax (HE40) / Chain 2 / CH 151
	
802.11ax (HE80) / Chain 1 / CH 155	802.11ax (HE80) / Chain 2 / CH 155
	

3TX

802.11a

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Chain 2
36	5180	17.16	17.52	17.04
40	5200	18.36	18.96	17.88
48	5240	18.24	18.96	17.52
149	5745	25.80	30.17	31.20
157	5785	26.16	31.44	32.04
165	5825	21.96	26.76	26.16

802.11ax (HE20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Chain 2
36	5180	18.12	17.88	18.00
40	5200	18.96	18.60	18.48
48	5240	18.60	18.36	18.48
149	5745	27.96	31.80	33.72
157	5785	27.36	32.88	33.24
165	5825	25.56	31.32	30.84

802.11ax (HE40)

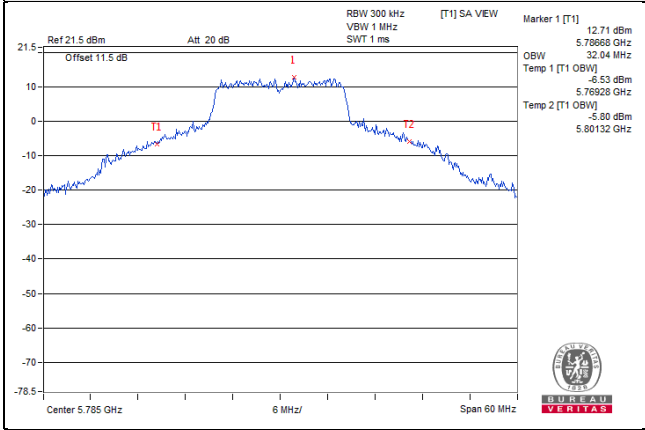
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Chain 2
38	5190	36.60	36.60	36.60
46	5230	37.32	37.08	37.08
151	5755	46.32	47.40	46.80
159	5795	41.16	43.92	42.12

802.11ax (HE80)

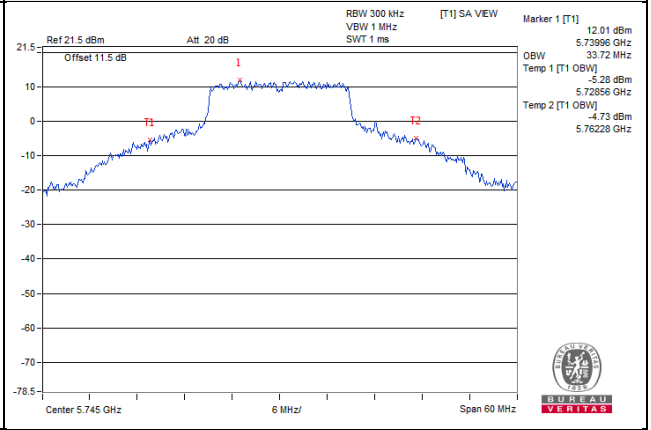
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Chain 2
42	5210	76.08	75.84	75.84
155	5775	75.84	76.08	75.84

Spectrum Plot of Worst Value

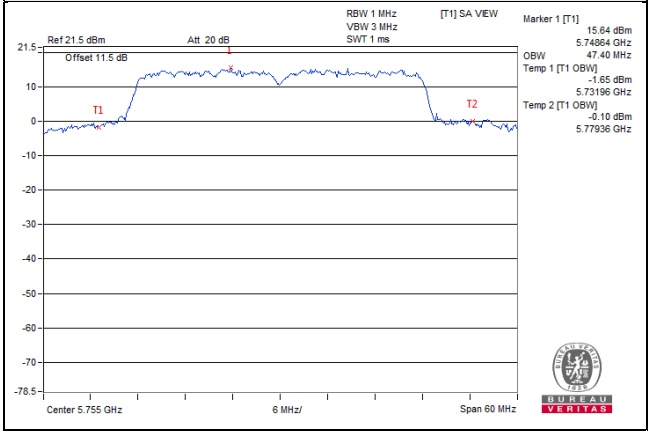
802.11a



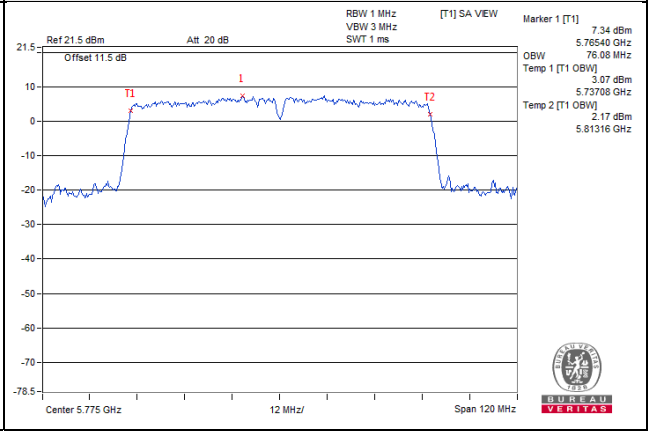
802.11ax (HE20)

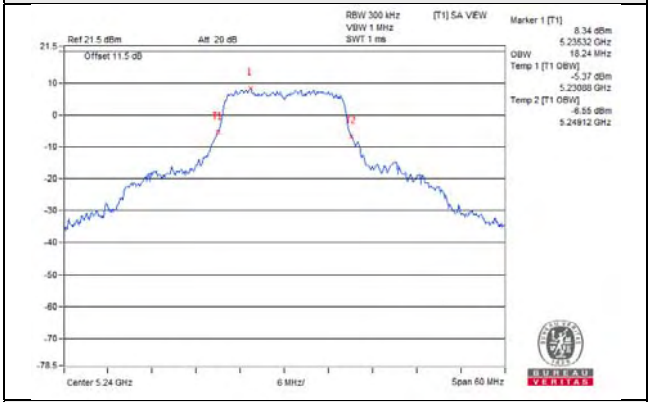
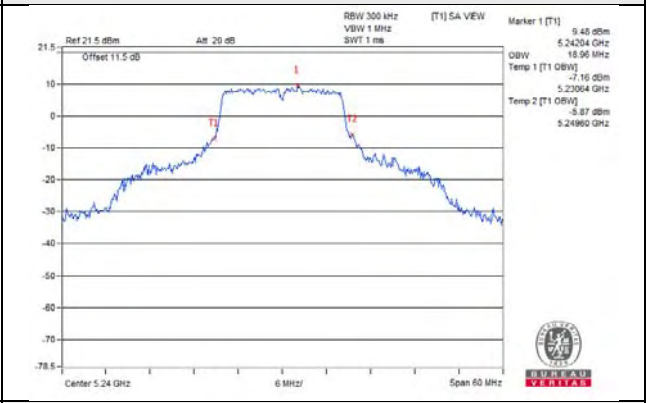
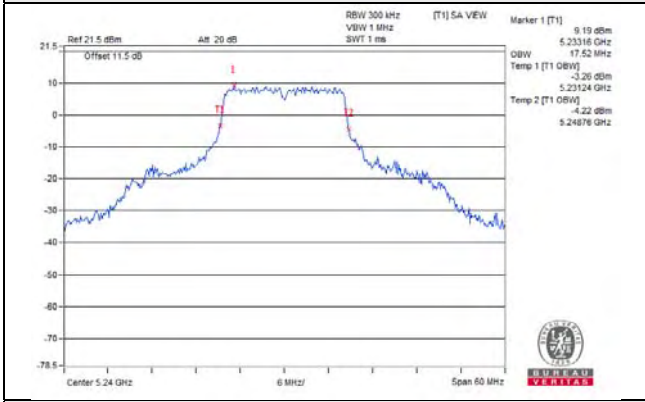
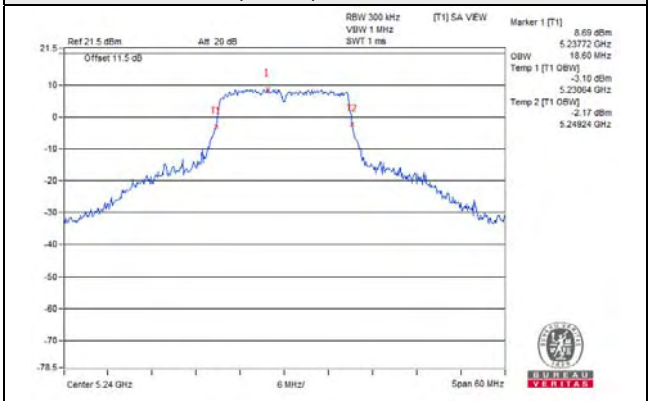
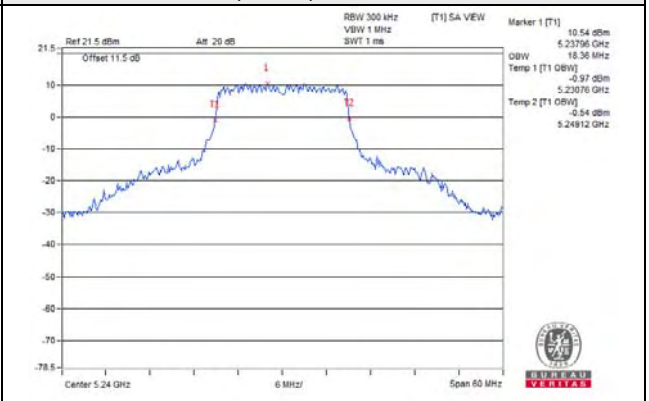
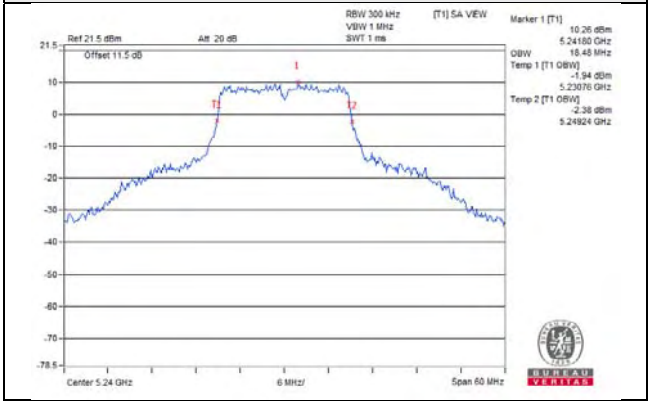


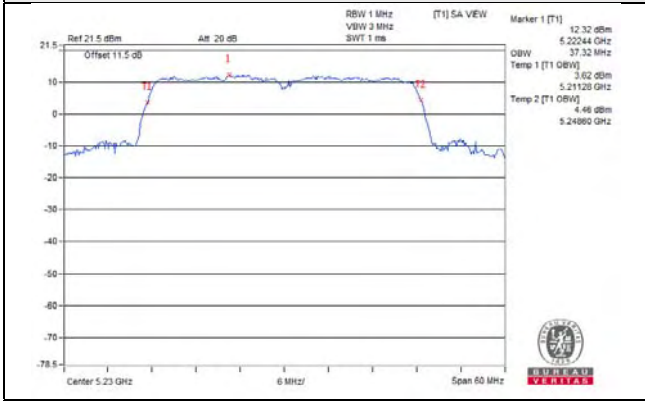
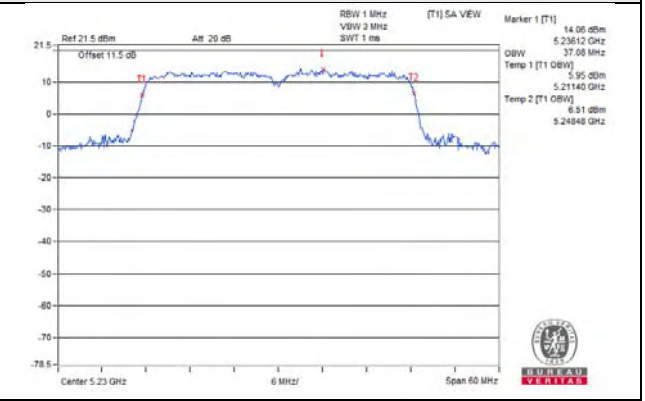
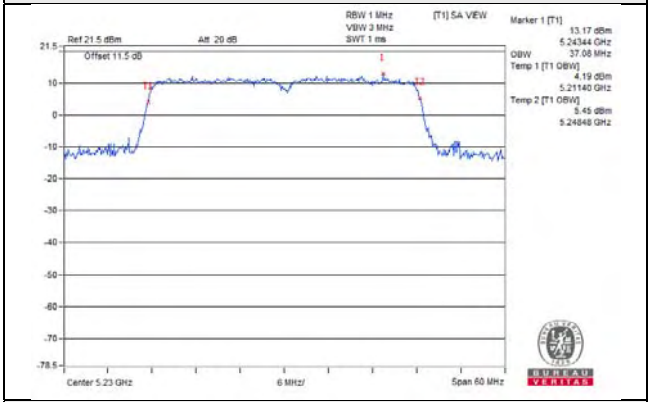
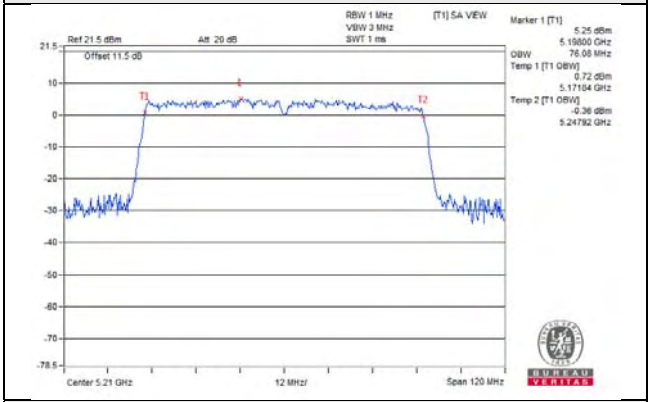
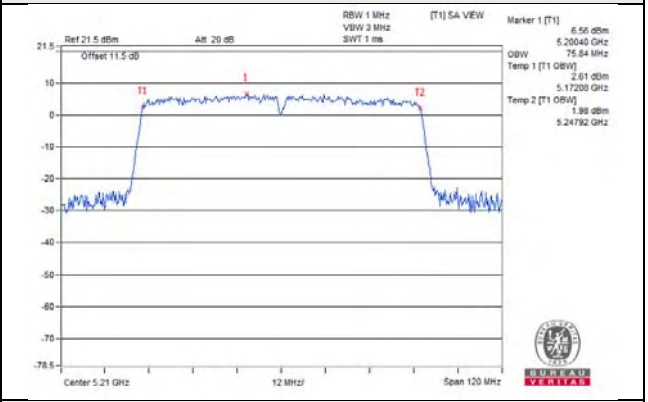
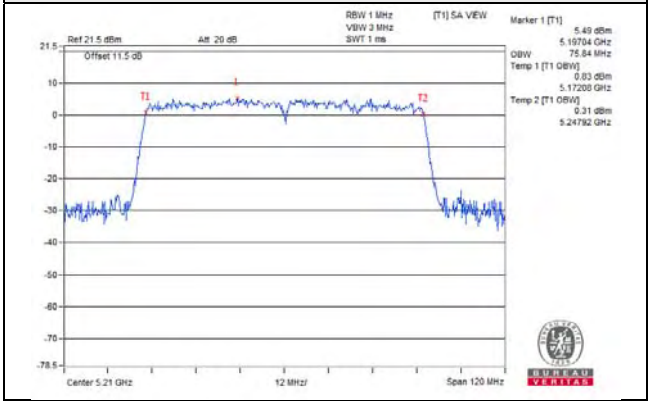
802.11ax (HE40)

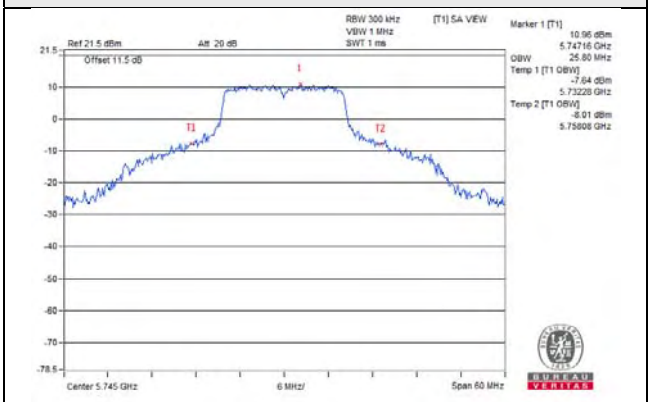
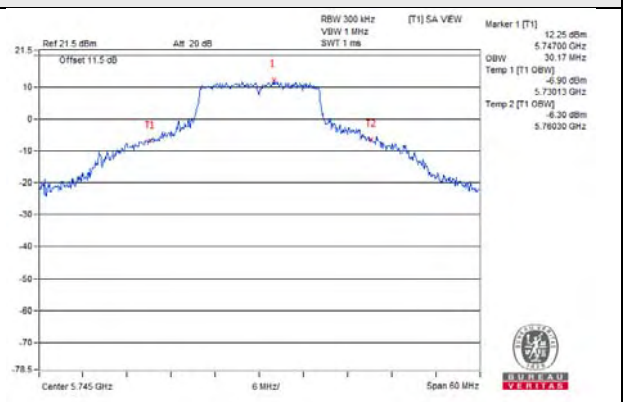
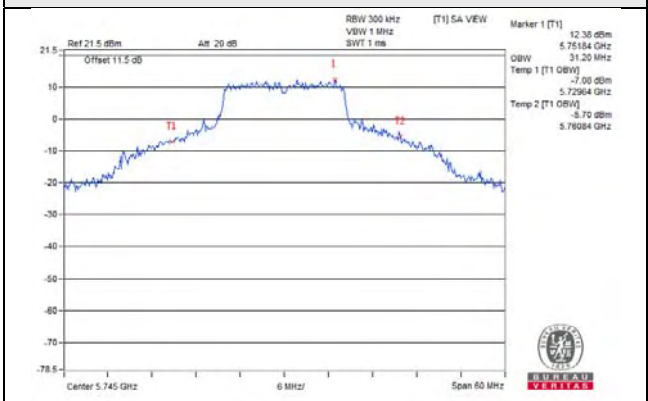
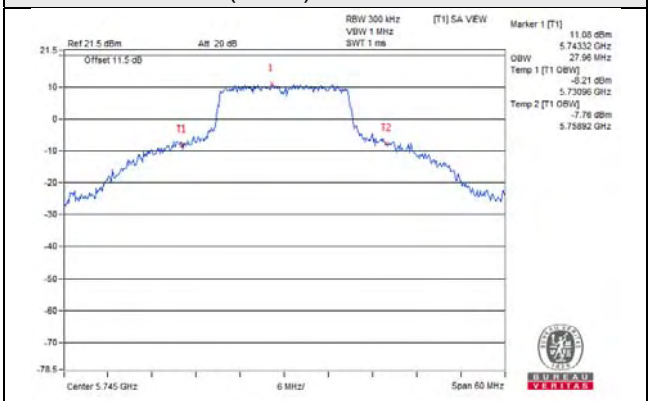
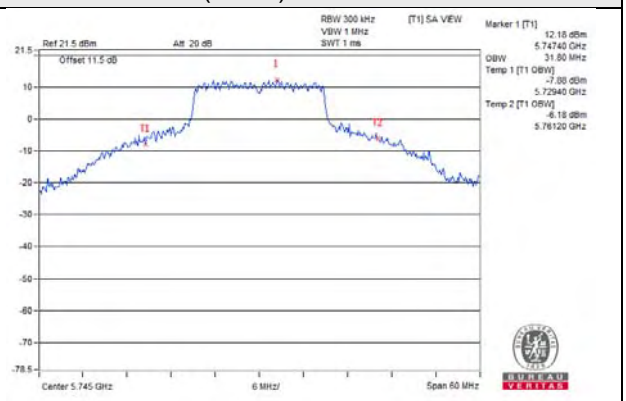
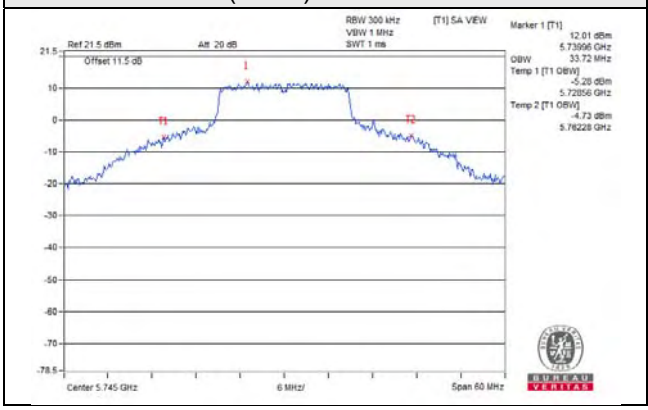


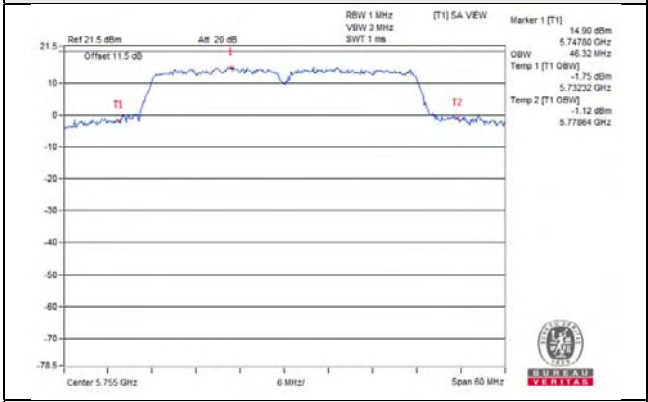
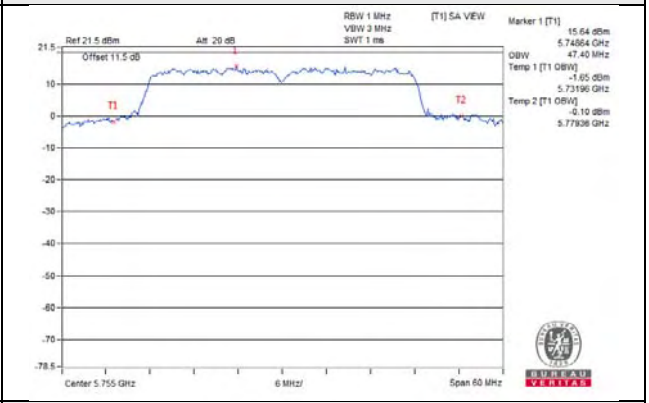
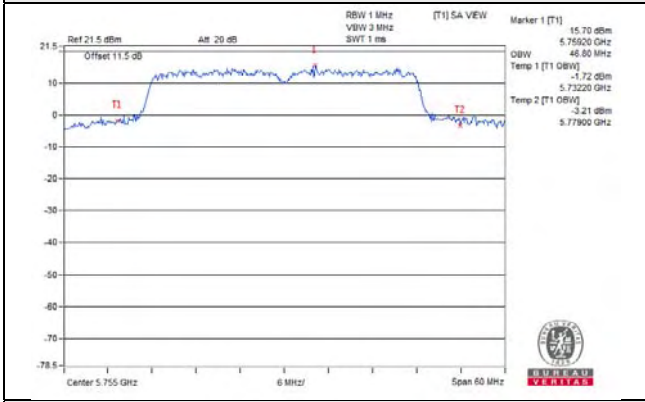
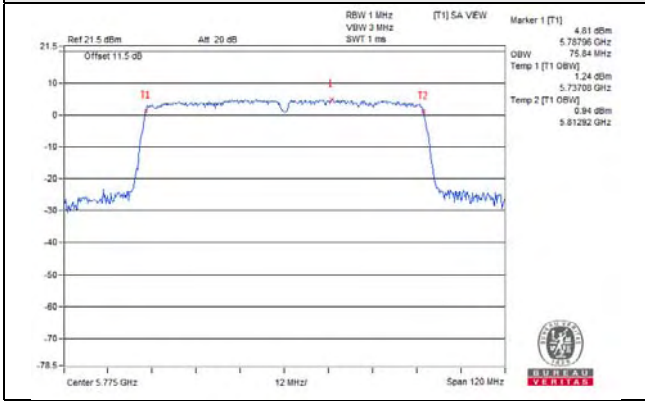
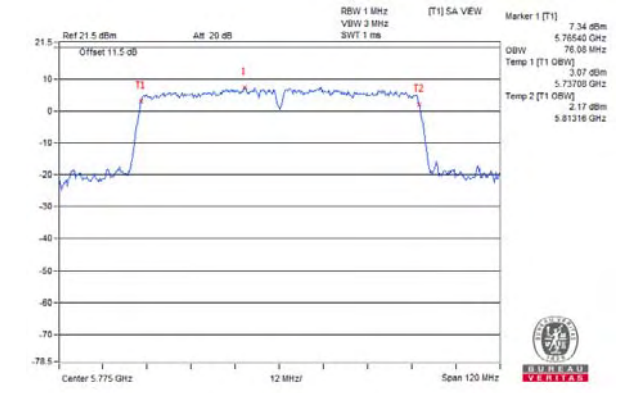
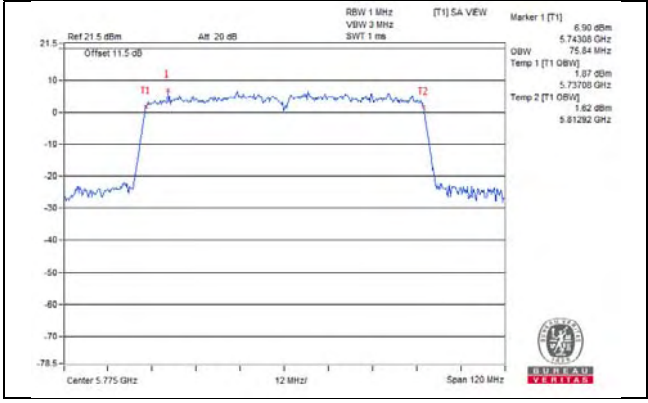
802.11ax (HE80)



Spectrum Plot for near By DFS Band	
802.11a / Chain 0 / CH 48	802.11a / Chain 1 / CH 48
	
802.11a / Chain 2 / CH 48	
	
802.11ax (HE20) / Chain 0 / CH 48	802.11ax (HE20) / Chain 1 / CH 48
	
802.11ax (HE20) / Chain 2 / CH 48	
	

Spectrum Plot for near By DFS Band	
802.11ax (HE40) / Chain 0 / CH 46	802.11ax (HE40) / Chain 1 / CH 46
	
802.11ax (HE40) / Chain 2 / CH 46	
	
802.11ax (HE80) / Chain 0 / CH 42	802.11ax (HE80) / Chain 1 / CH 42
	
802.11ax (HE80) / Chain 2 / CH 42	
	

Spectrum Plot for near By DFS Band	
802.11a / Chain 0 / CH 149	802.11a / Chain 1 / CH 149
	
802.11a / Chain 2 / CH 149	
	
802.11ax (HE20) / Chain 0 / CH 149	802.11ax (HE20) / Chain 1 / CH 149
	
802.11ax (HE20) / Chain 2 / CH 149	
	

Spectrum Plot for near By DFS Band	
802.11ax (HE40) / Chain 0 / CH 151	802.11ax (HE40) / Chain 1 / CH 151
	
802.11ax (HE40) / Chain 2 / CH 151	
	
802.11ax (HE80) / Chain 0 / CH 155	802.11ax (HE80) / Chain 1 / CH 155
	
802.11ax (HE80) / Chain 2 / CH 155	
	

Test Mode I (External antenna – PN: ATS-OO-245-46-4RPSP-36 + Eth7 Radio)

1TX

802.11a

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
36	5180	19.80
40	5200	26.64
48	5240	18.24
149	5745	30.60
157	5785	29.52
165	5825	30.60

802.11ax (HE20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
36	5180	18.48
40	5200	22.80
48	5240	18.84
149	5745	32.76
157	5785	31.44
165	5825	31.92

802.11ax (HE40)

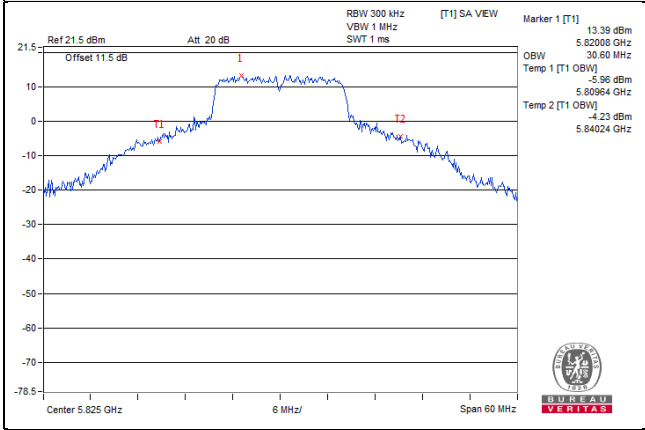
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
38	5190	36.96
46	5230	38.64
151	5755	45.00
159	5795	44.28

802.11ax (HE80)

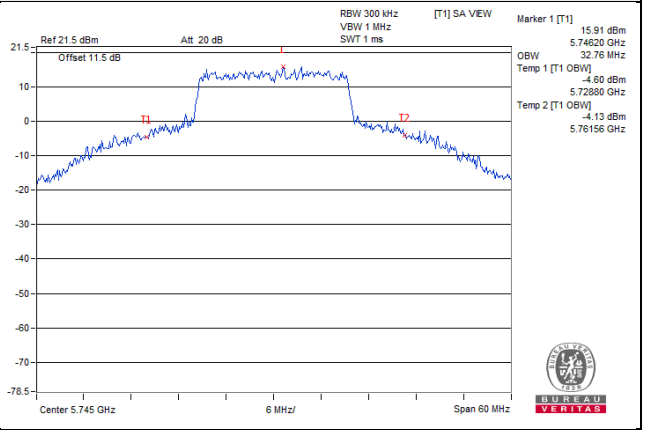
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
42	5210	76.08
155	5775	77.28

Spectrum Plot of Worst Value

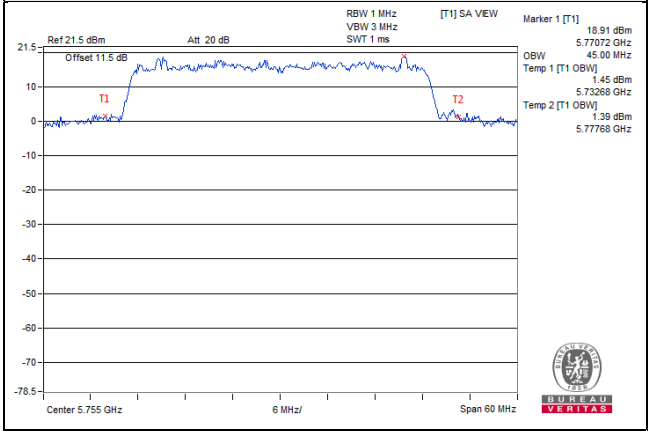
802.11a



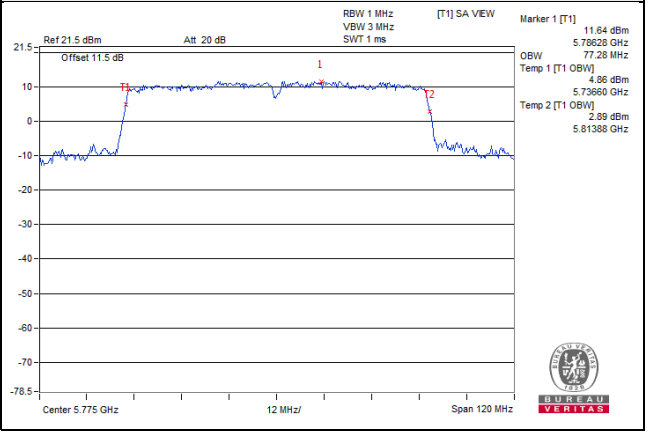
802.11ax (HE20)

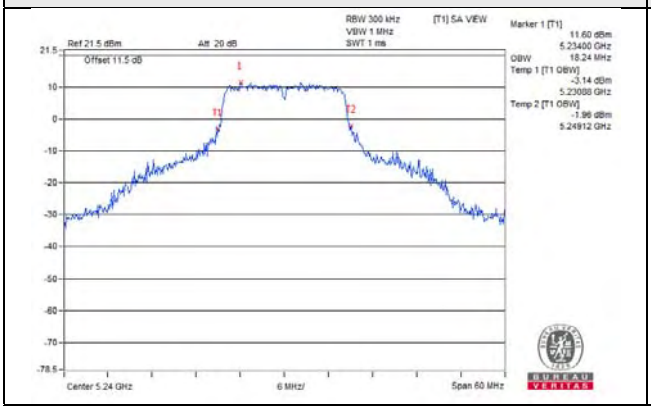
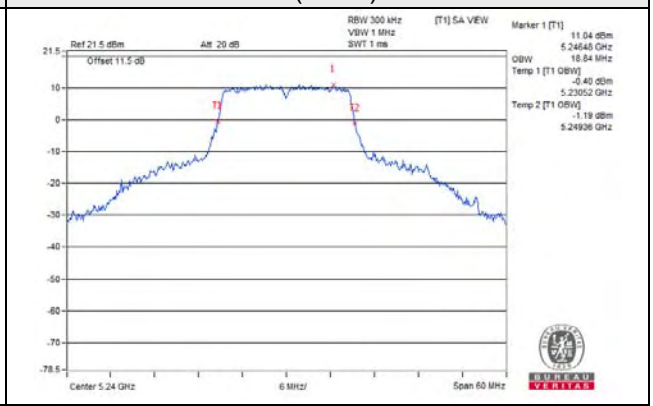
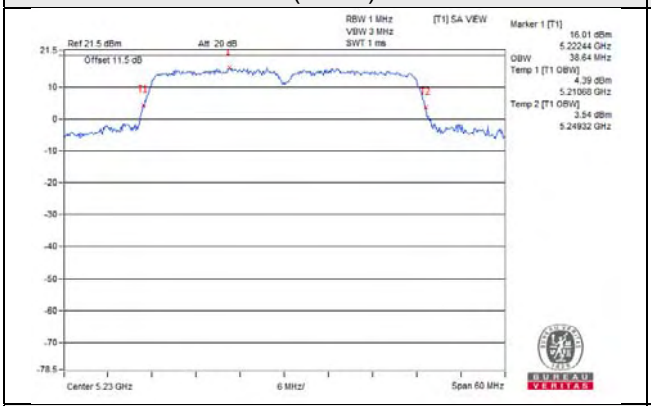
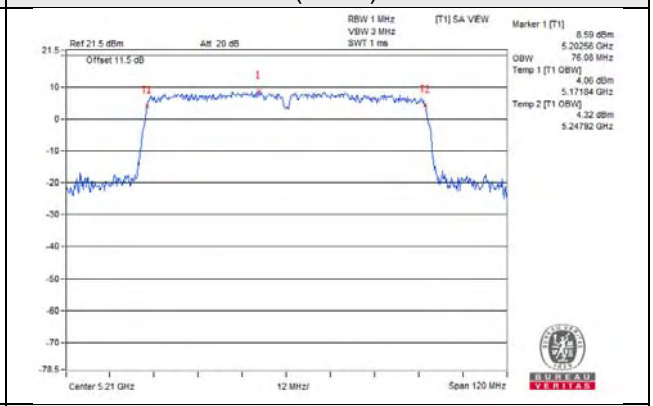
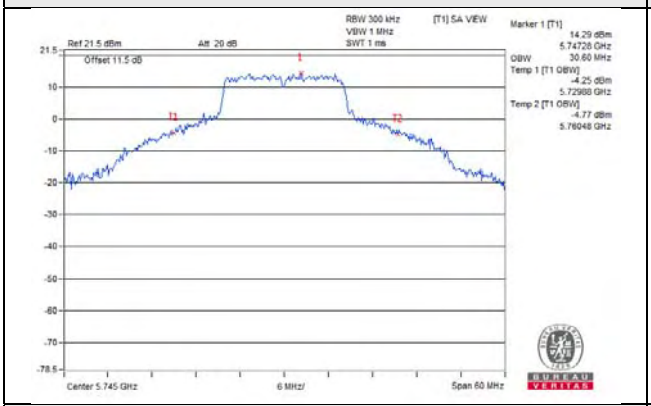
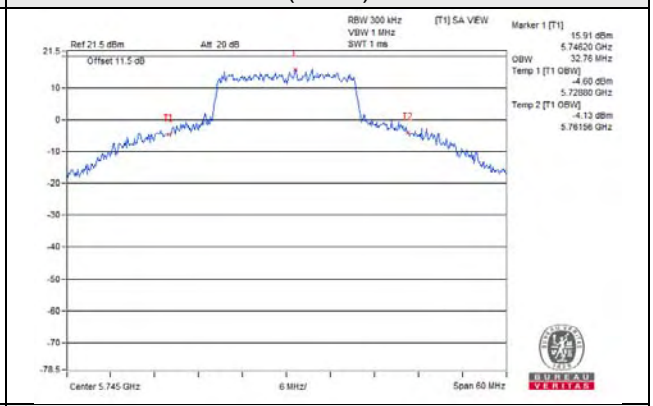
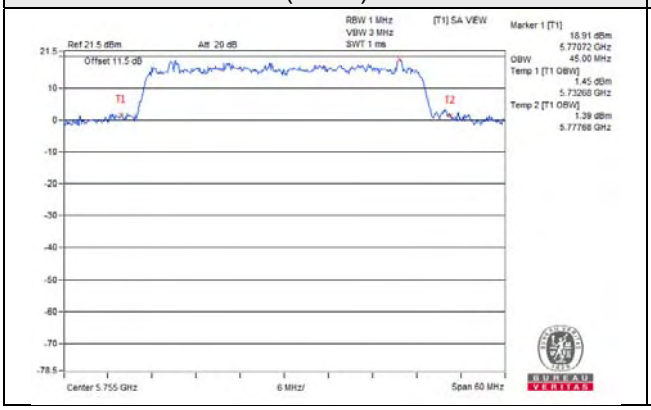
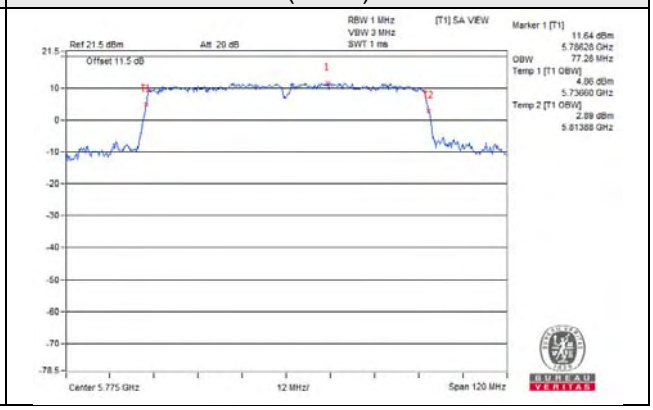


802.11ax (HE40)



802.11ax (HE80)



Spectrum Plot for near By DFS Band	
802.11a / CH 48	802.11ax (HE20) / CH 48
	
802.11ax (HE40) / CH 46	802.11ax (HE80) / CH 42
	
802.11a / CH 149	802.11ax (HE20) / CH 149
	
802.11ax (HE40) / CH 151	802.11ax (HE80) / CH 155
	

Test Mode K (External antenna – PN: ATS-OP-245-810-4RPSP-36 + Eth6 Radio)

1TX

802.11a

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
36	5180	19.68
40	5200	32.88
48	5240	18.48
149	5745	30.52
157	5785	30.84
165	5825	29.76

802.11ax (HE20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
36	5180	18.84
40	5200	32.04
48	5240	19.08
149	5745	31.08
157	5785	31.44
165	5825	32.52

802.11ax (HE40)

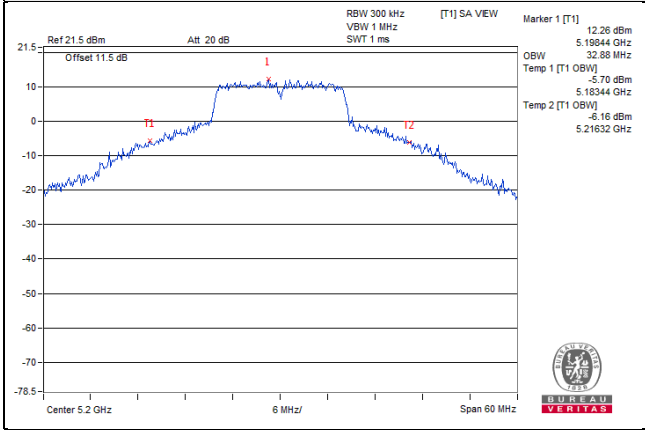
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
38	5190	36.96
46	5230	38.40
151	5755	48.60
159	5795	48.96

802.11ax (HE80)

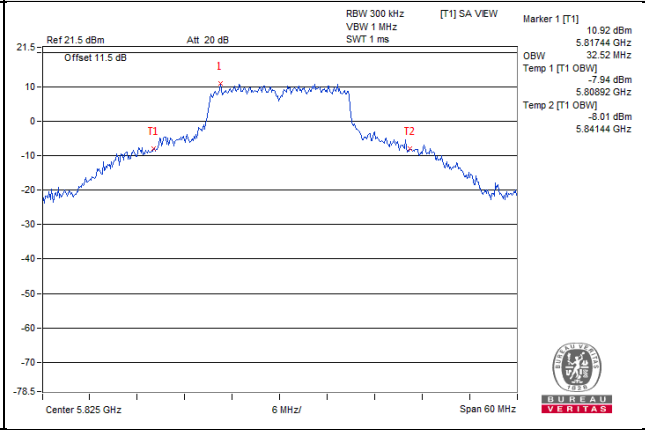
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)
42	5210	76.56
155	5775	90.24

Spectrum Plot of Worst Value

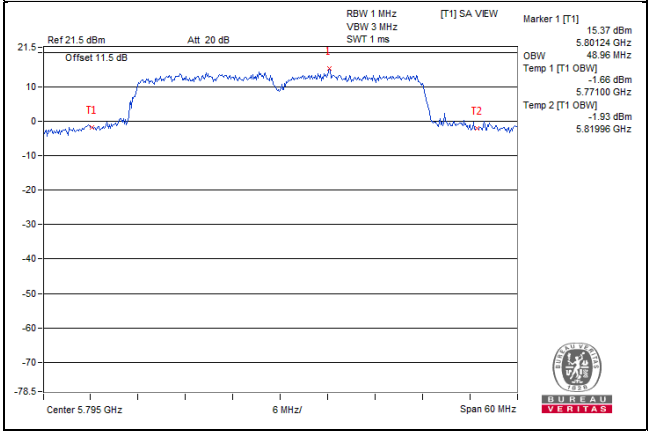
802.11a



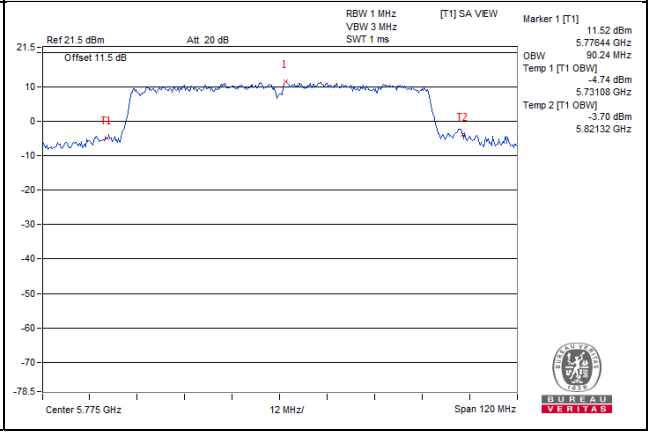
802.11ax (HE20)

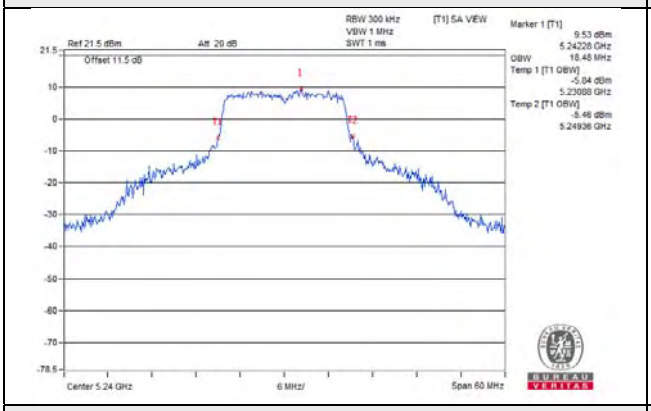
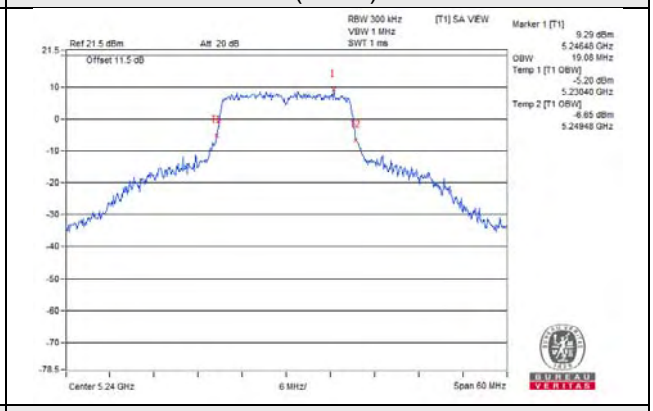
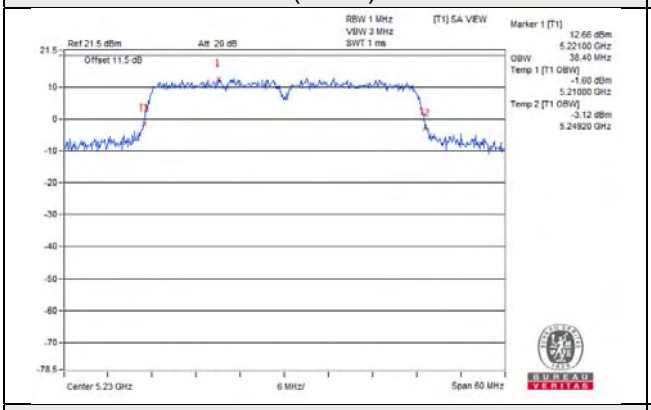
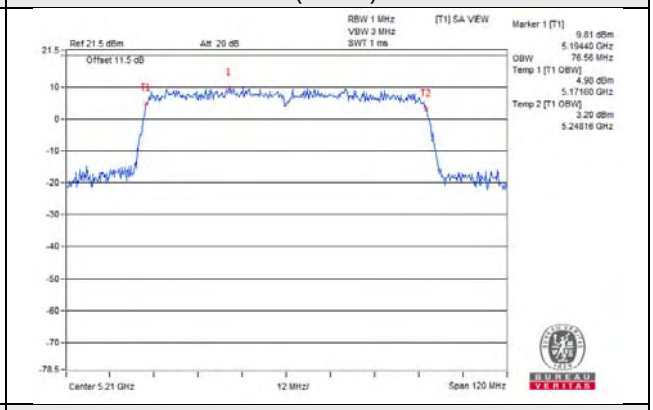
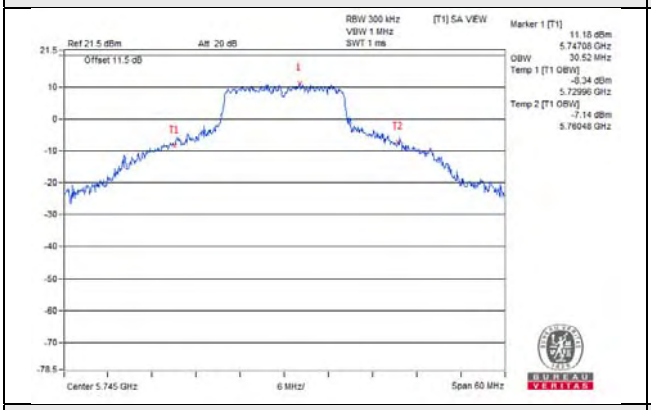
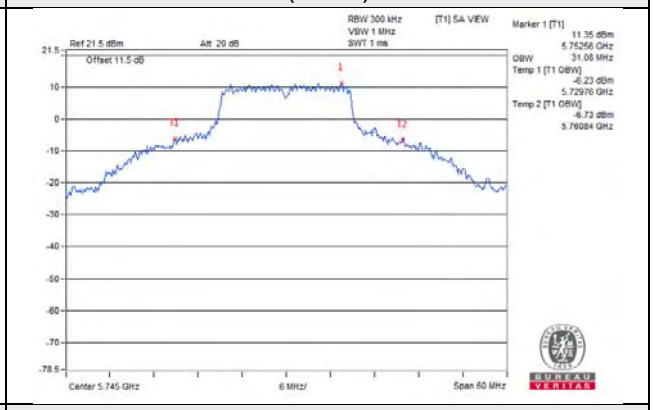
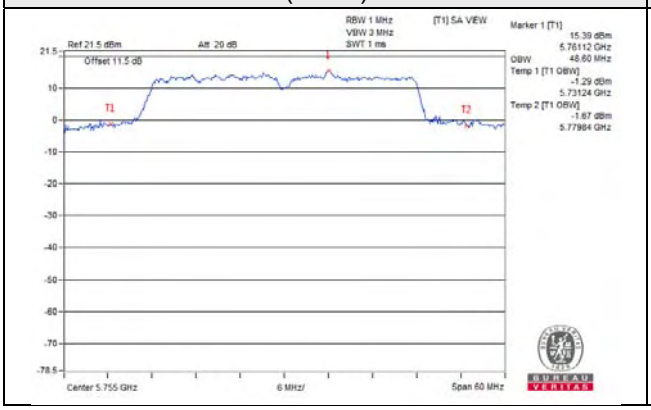
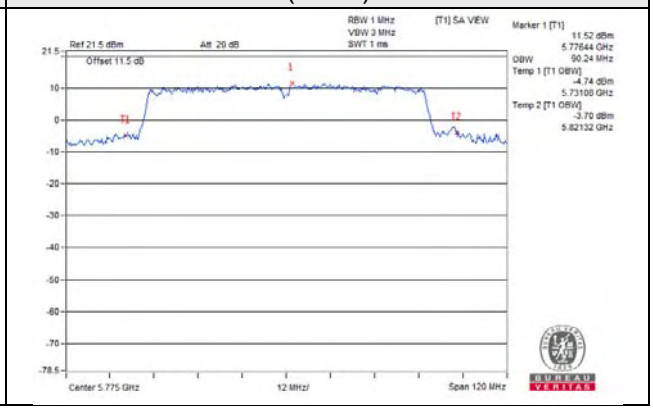


802.11ax (HE40)



802.11ax (HE80)



Spectrum Plot for near By DFS Band	
802.11a / CH 48	802.11ax (HE20) / CH 48
	
802.11ax (HE40) / CH 46	802.11ax (HE80) / CH 42
	
802.11a / CH 149	802.11ax (HE20) / CH 149
	
802.11ax (HE40) / CH 151	802.11ax (HE80) / CH 155
	

2TX

802.11a

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	18.00	17.04
40	5200	27.24	18.24
48	5240	18.48	17.52
149	5745	30.52	33.96
157	5785	30.84	35.28
165	5825	29.76	35.76

802.11ax (HE20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	18.36	18.00
40	5200	29.16	21.84
48	5240	19.08	18.24
149	5745	31.08	33.72
157	5785	31.44	34.08
165	5825	32.52	34.32

802.11ax (HE40)

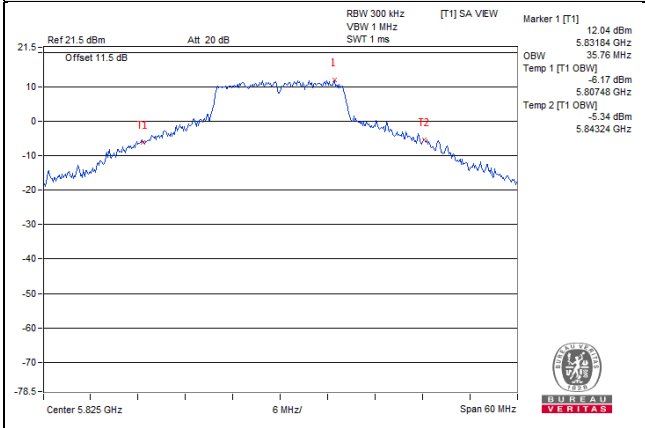
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
38	5190	36.72	36.60
46	5230	38.40	37.32
151	5755	48.60	51.00
159	5795	48.96	51.24

802.11ax (HE80)

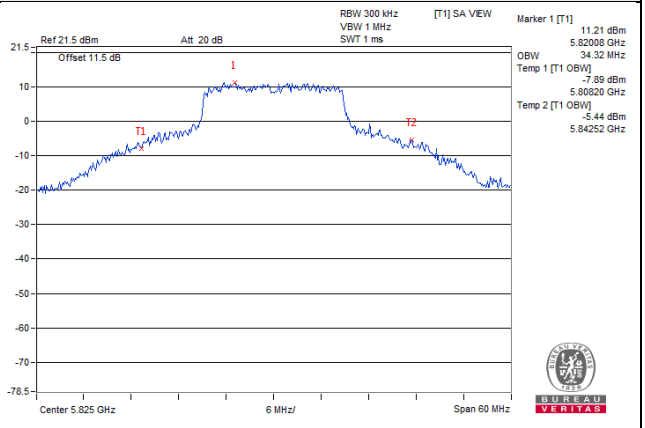
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
42	5210	76.08	75.84
155	5775	90.24	93.12

Spectrum Plot of Worst Value

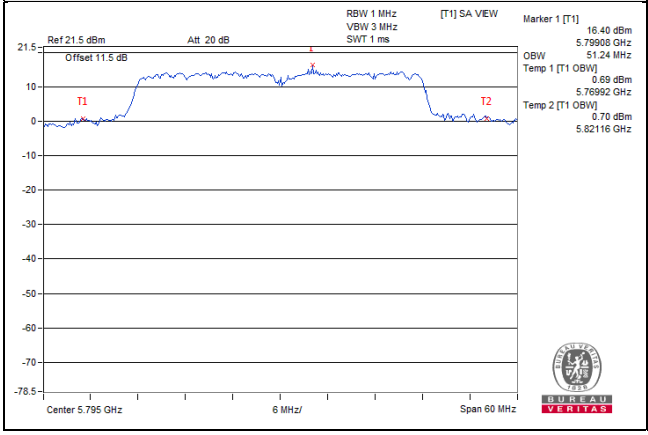
802.11a



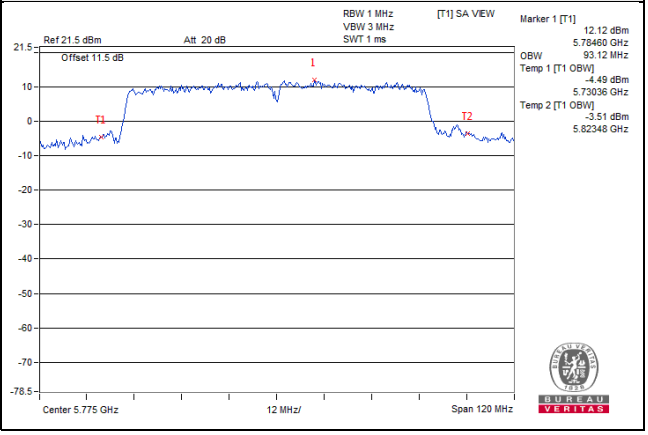
802.11ax (HE20)

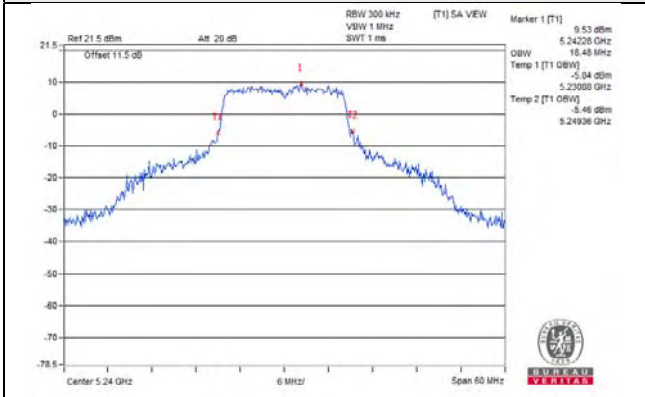
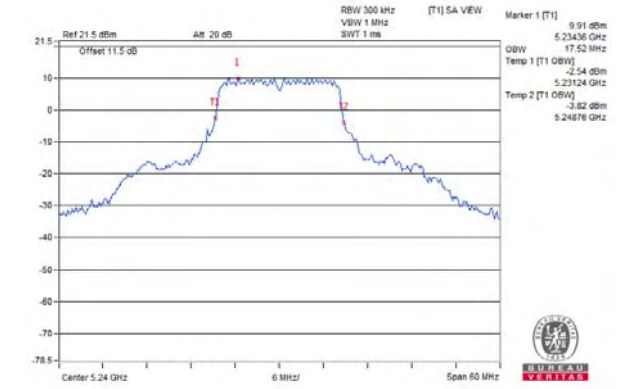
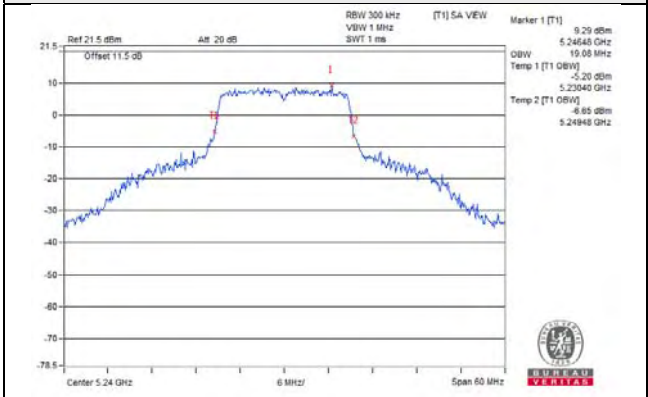
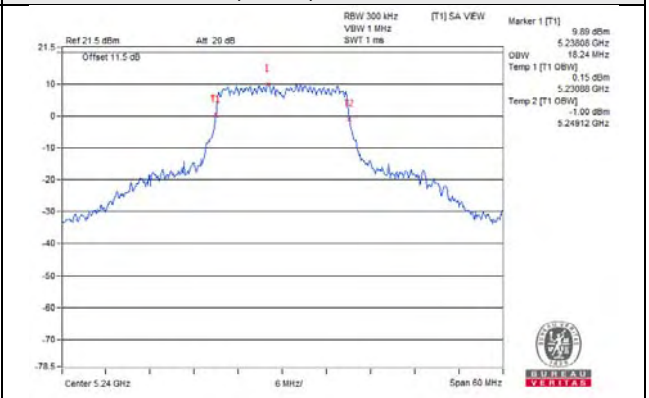
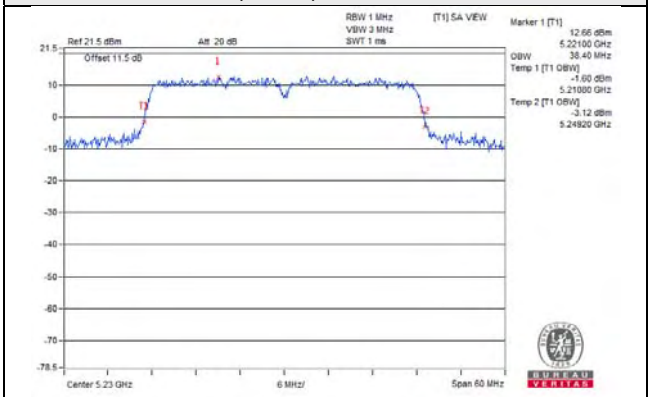
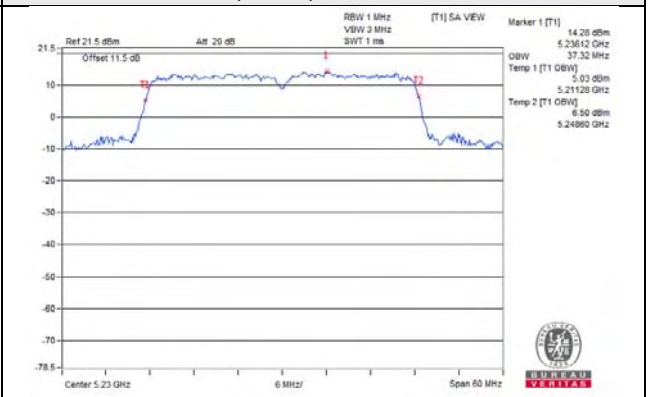
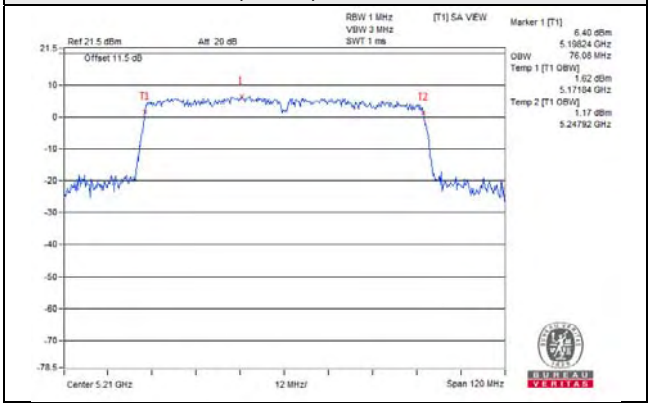
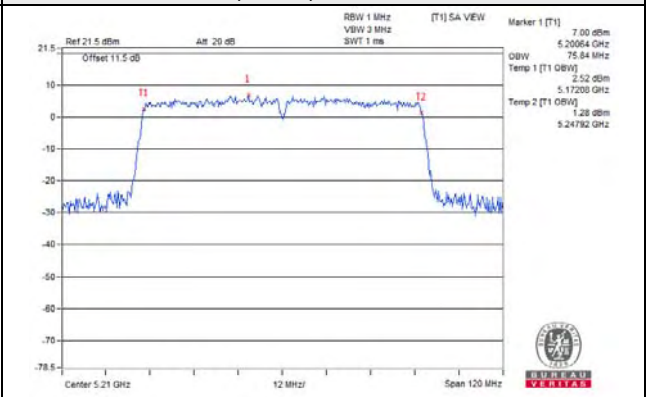


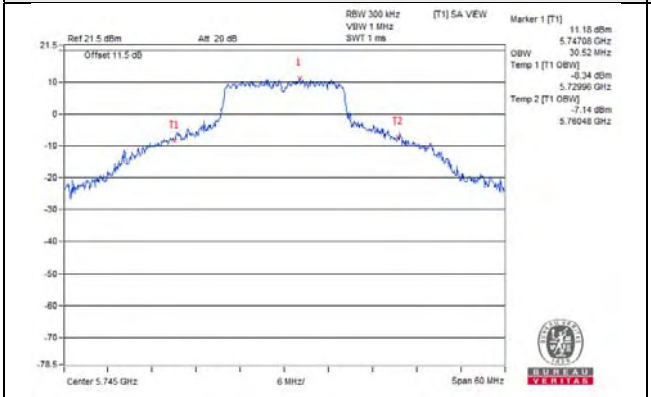
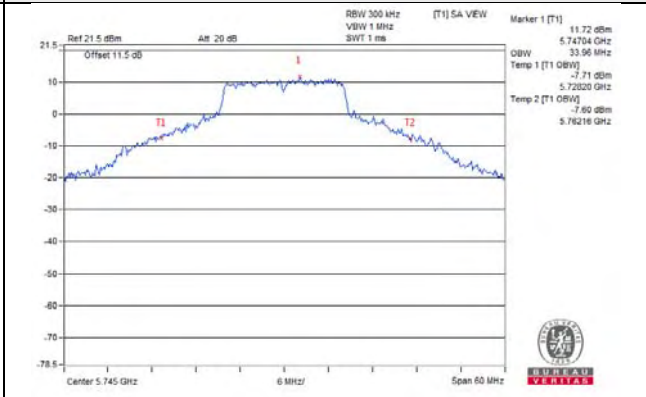
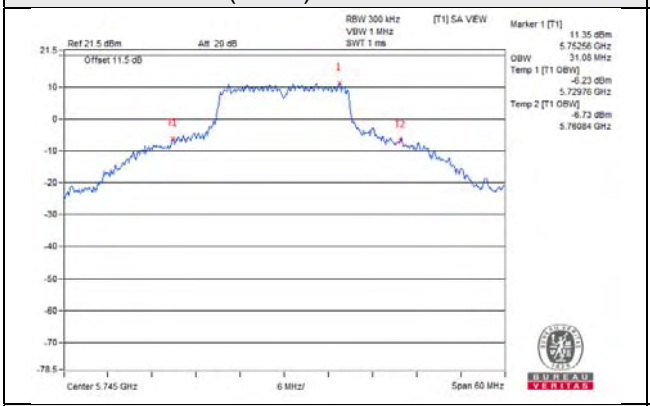
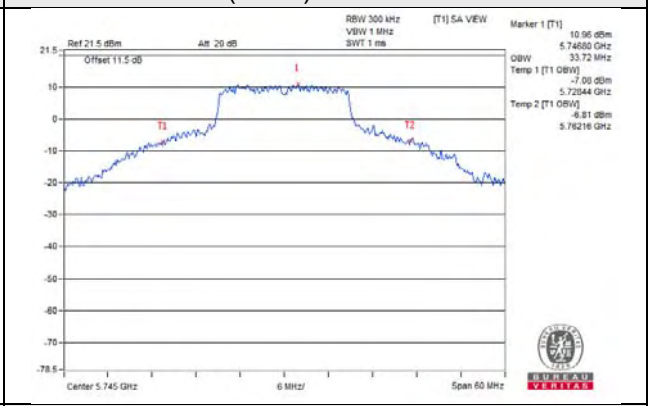
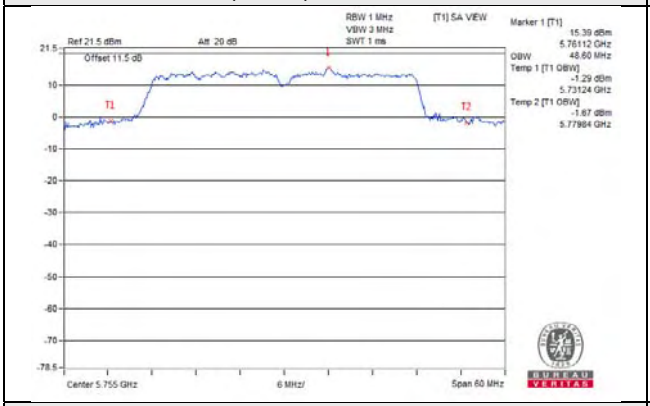
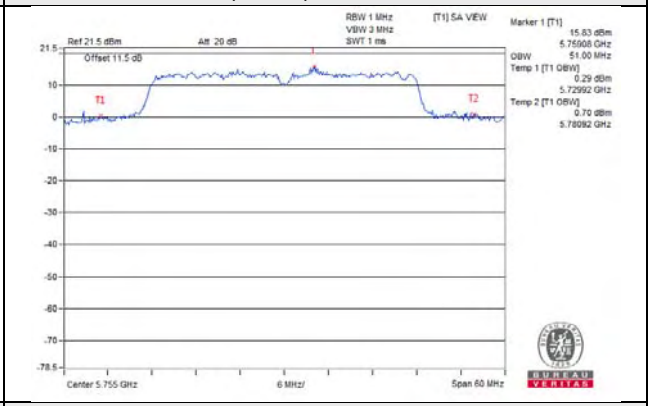
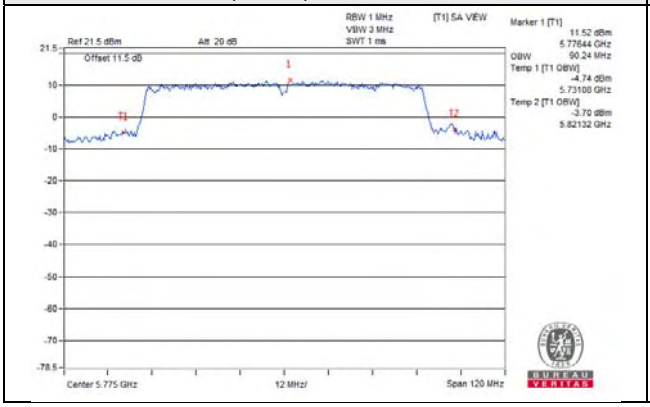
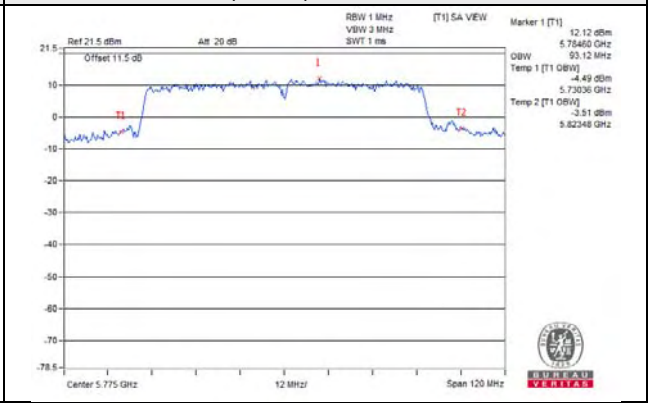
802.11ax (HE40)



802.11ax (HE80)



Spectrum Plot for near By DFS Band	
802.11a / Chain 0 / CH 48	802.11a / Chain 1 / CH 48
	
802.11ax (HE20) / Chain 0 / CH 48	802.11ax (HE20) / Chain 1 / CH 48
	
802.11ax (HE40) / Chain 0 / CH 46	802.11ax (HE40) / Chain 1 / CH 46
	
802.11ax (HE80) / Chain 0 / CH 42	802.11ax (HE80) / Chain 1 / CH 42
	

Spectrum Plot for near By DFS Band	
802.11a / Chain 0 / CH 149	802.11a / Chain 1 / CH 149
	
802.11ax (HE20) / Chain 0 / CH 149	802.11ax (HE20) / Chain 1 / CH 149
	
802.11ax (HE40) / Chain 0 / CH 151	802.11ax (HE40) / Chain 1 / CH 151
	
802.11ax (HE80) / Chain 0 / CH 155	802.11ax (HE80) / Chain 1 / CH 155
	

3TX

802.11a

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Chain 2
36	5180	17.88	17.16	16.92
40	5200	23.40	17.16	16.92
48	5240	18.48	17.16	17.04
149	5745	30.52	33.96	33.96
157	5785	30.84	35.28	36.00
165	5825	29.76	35.76	33.48

802.11ax (HE20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Chain 2
36	5180	18.36	18.00	18.00
40	5200	25.56	18.00	18.12
48	5240	18.72	18.12	18.12
149	5745	31.08	33.72	35.16
157	5785	31.44	34.08	36.60
165	5825	32.52	34.32	35.40

802.11ax (HE40)

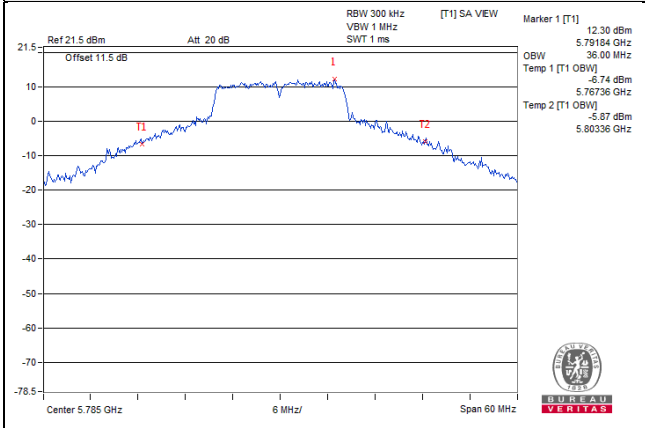
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Chain 2
38	5190	36.84	36.60	36.60
46	5230	38.52	36.84	37.56
151	5755	48.60	51.00	50.88
159	5795	48.96	51.24	50.64

802.11ax (HE80)

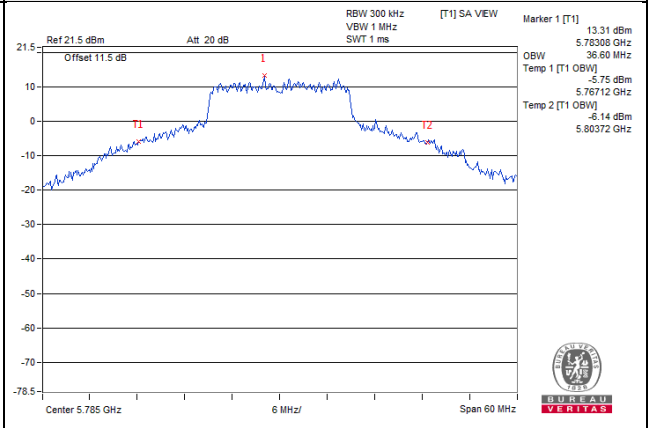
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Chain 2
42	5210	76.08	75.84	75.60
155	5775	84.24	85.44	86.64

Spectrum Plot of Worst Value

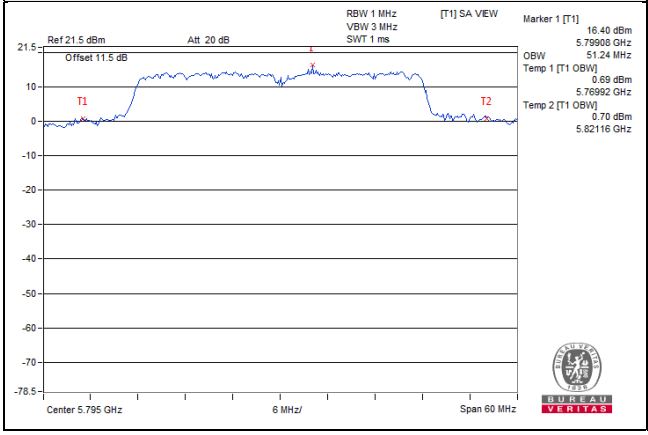
802.11a



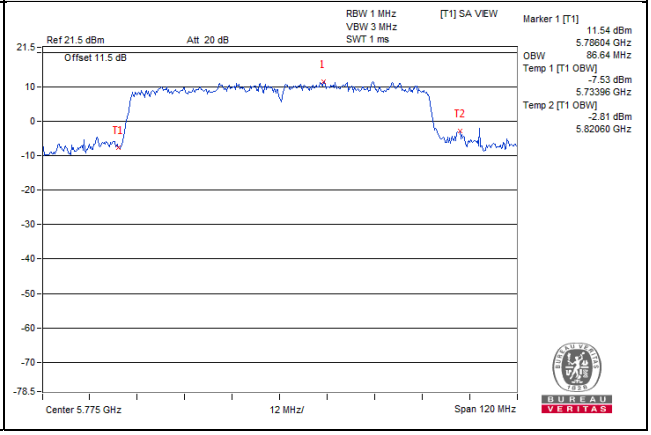
802.11ax (HE20)

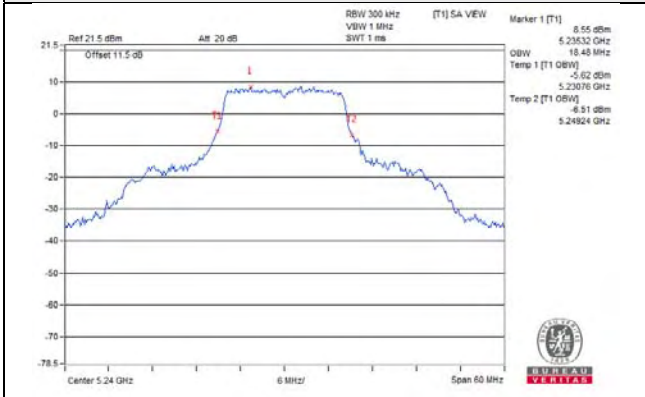
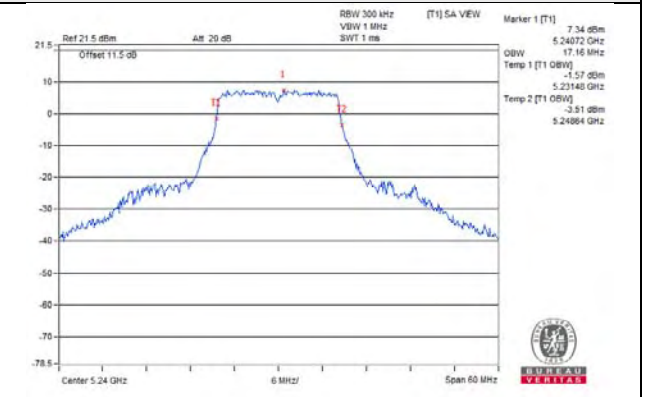
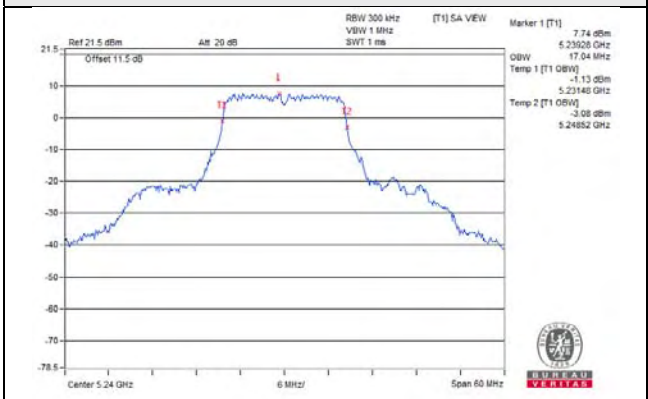
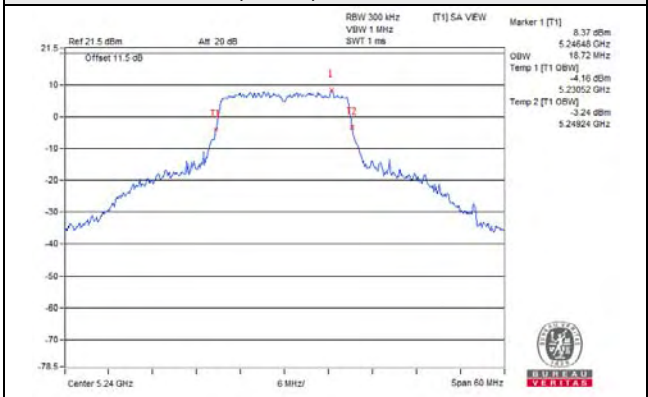
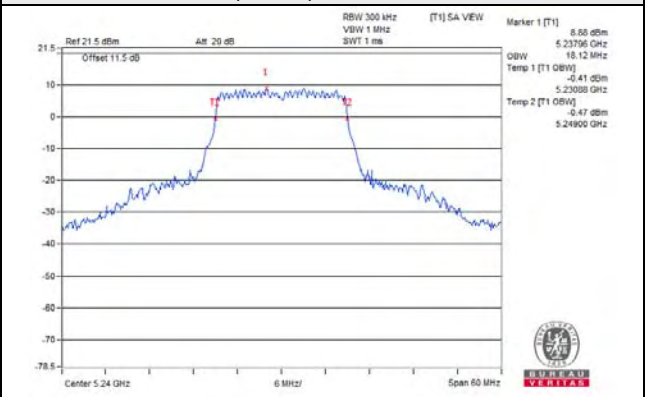
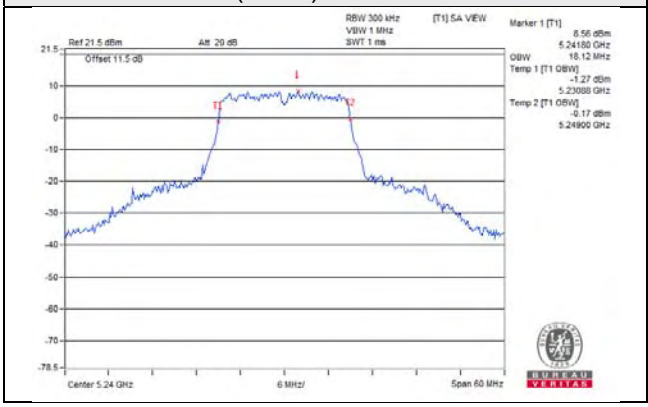


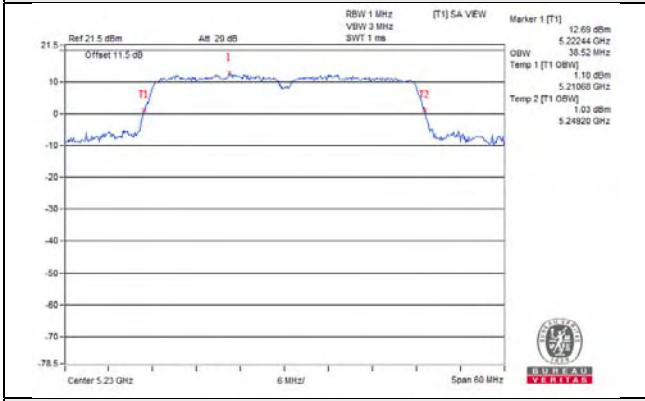
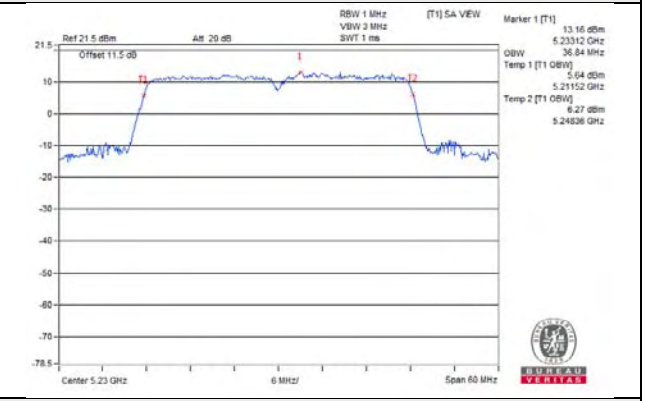
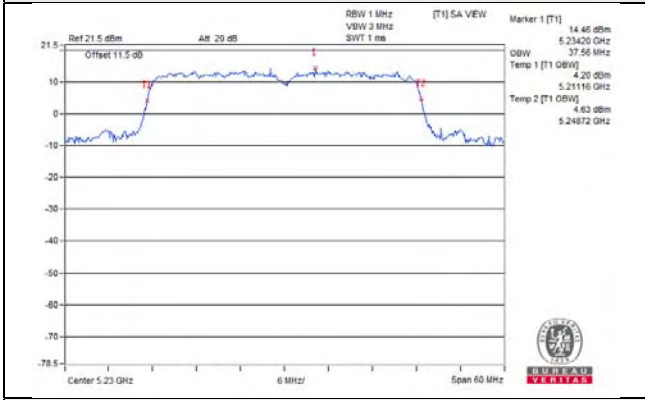
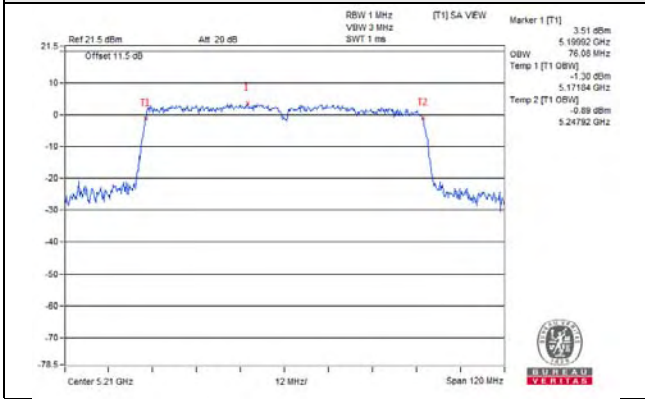
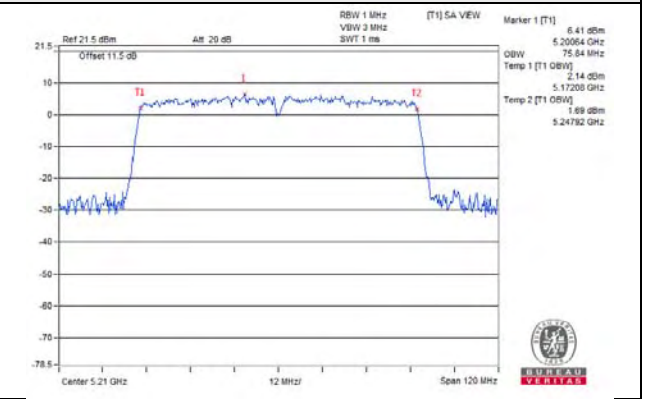
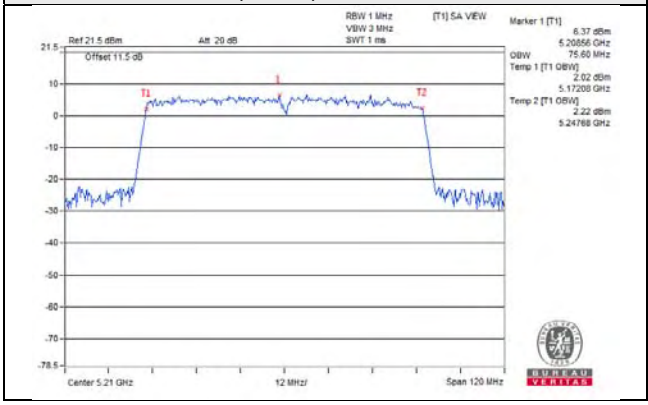
802.11ax (HE40)

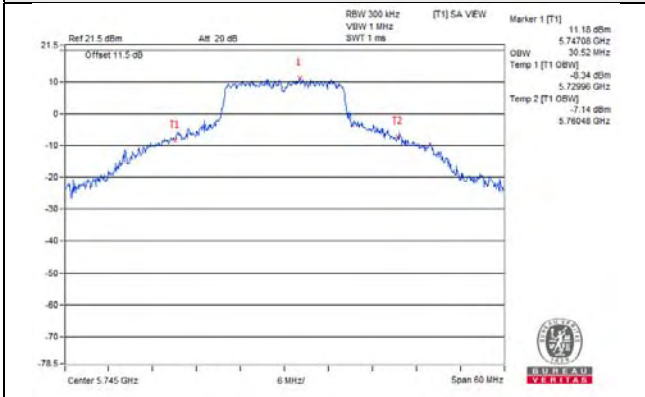
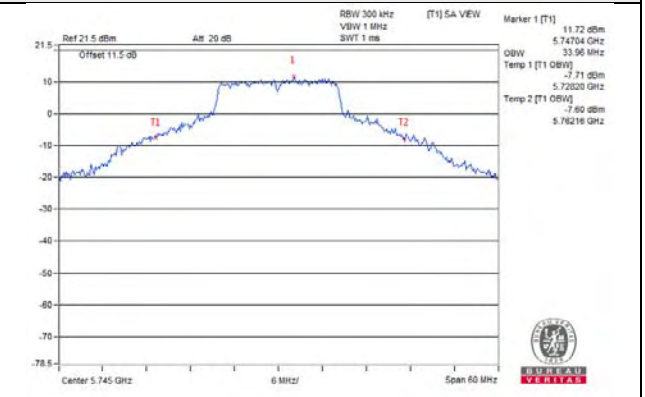
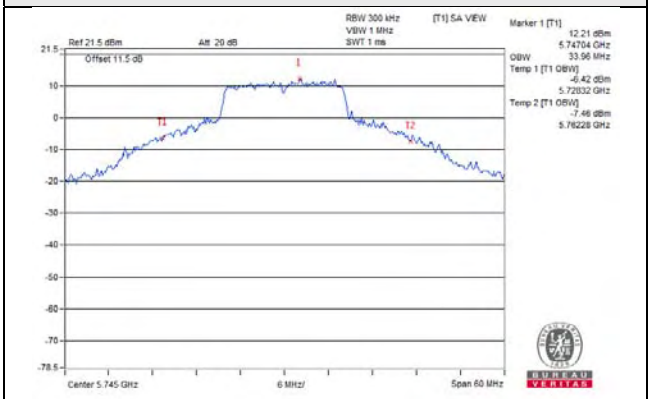
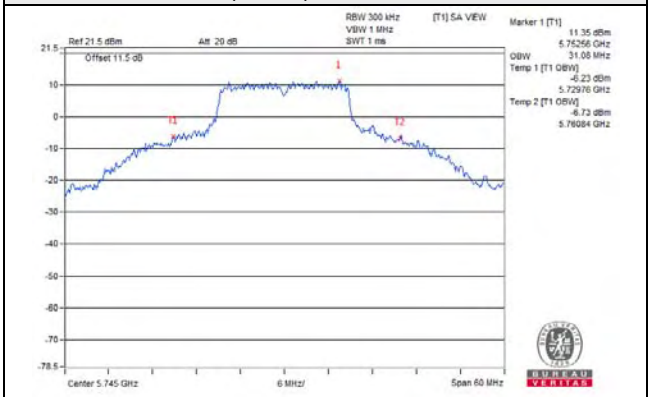
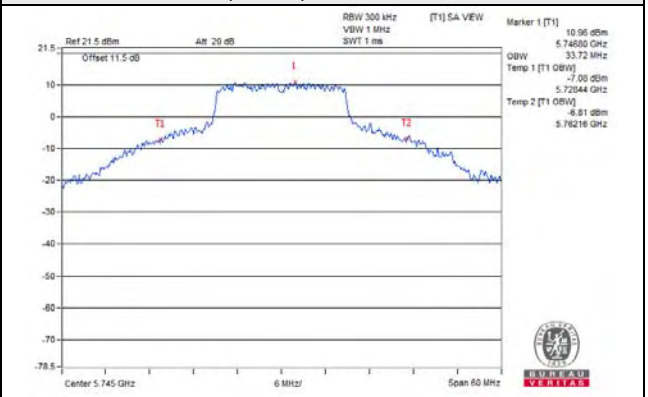
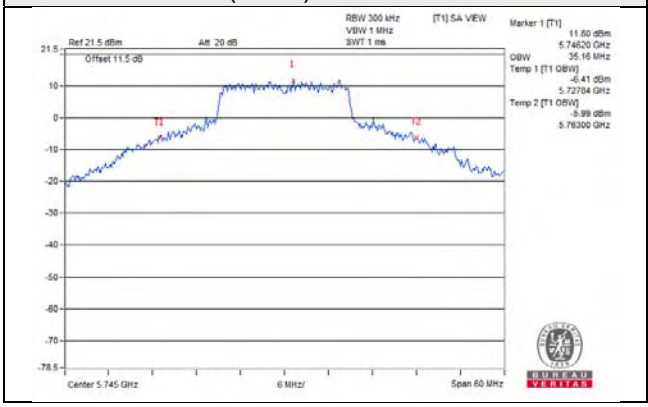


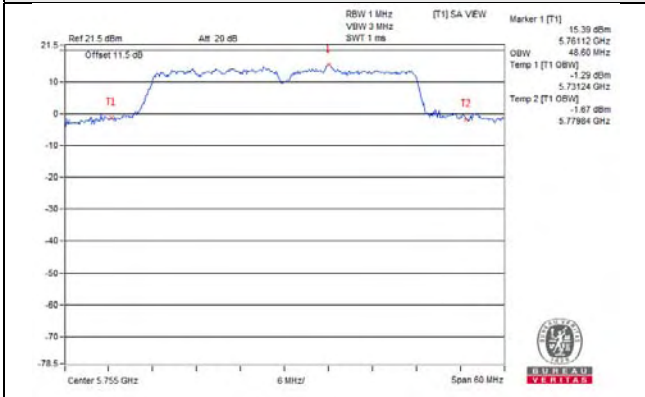
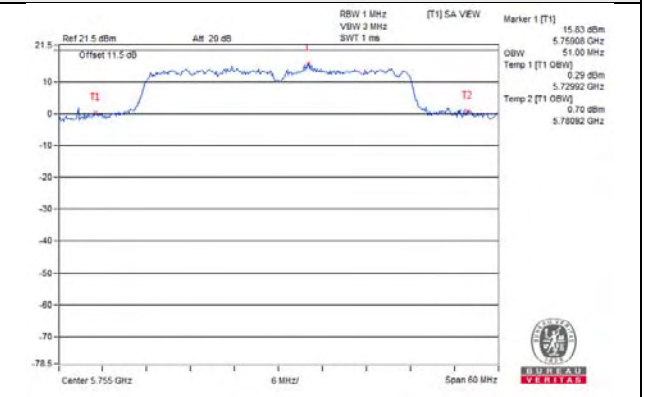
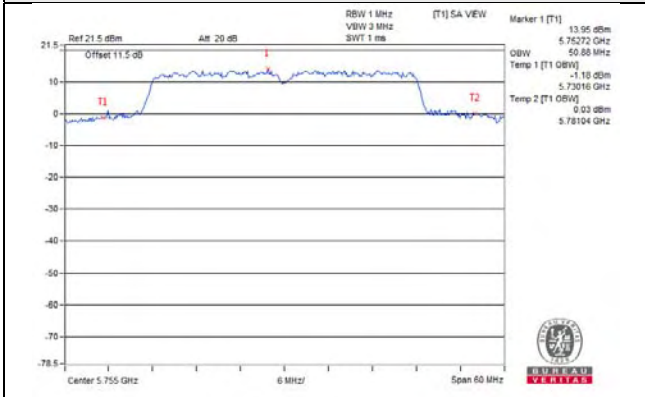
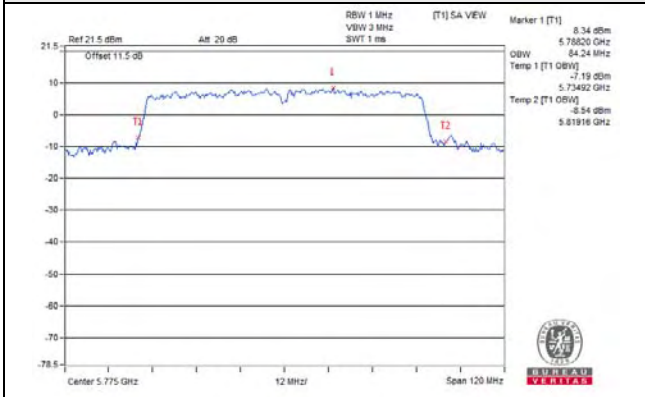
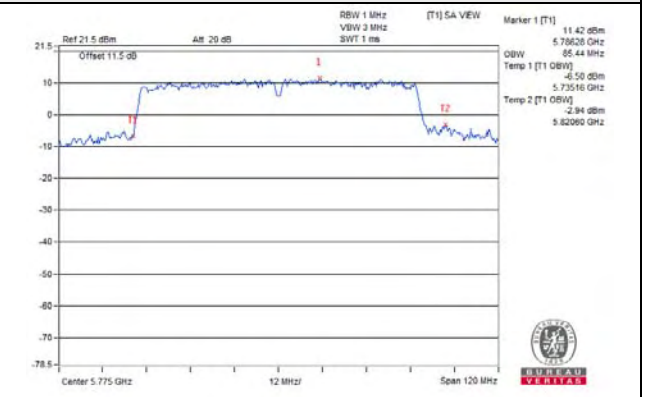
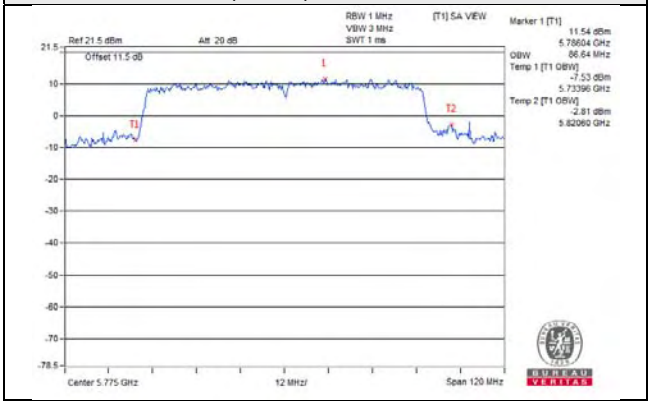
802.11ax (HE80)



Spectrum Plot for near By DFS Band	
802.11a / Chain 0 / CH 48	802.11a / Chain 1 / CH 48
	
802.11a / Chain 2 / CH 48	
	
802.11ax (HE20) / Chain 0 / CH 48	802.11ax (HE20) / Chain 1 / CH 48
	
802.11ax (HE20) / Chain 2 / CH 48	
	

Spectrum Plot for near By DFS Band	
802.11ax (HE40) / Chain 0 / CH 46	802.11ax (HE40) / Chain 1 / CH 46
	
802.11ax (HE40) / Chain 2 / CH 46	
	
802.11ax (HE80) / Chain 0 / CH 42	802.11ax (HE80) / Chain 1 / CH 42
	
802.11ax (HE80) / Chain 2 / CH 42	
	

Spectrum Plot for near By DFS Band	
802.11a / Chain 0 / CH 149	802.11a / Chain 1 / CH 149
	
802.11a / Chain 2 / CH 149	
	
802.11ax (HE20) / Chain 0 / CH 149	802.11ax (HE20) / Chain 1 / CH 149
	
802.11ax (HE20) / Chain 2 / CH 149	
	

Spectrum Plot for near By DFS Band	
802.11ax (HE40) / Chain 0 / CH 151	802.11ax (HE40) / Chain 1 / CH 151
	
802.11ax (HE40) / Chain 2 / CH 151	
	
802.11ax (HE80) / Chain 0 / CH 155	802.11ax (HE80) / Chain 1 / CH 155
	
802.11ax (HE80) / Chain 2 / CH 155	
	

4TX

802.11a

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
36	5180	17.04	17.16	17.04	17.28
40	5200	16.92	17.16	17.04	17.40
48	5240	17.04	17.16	17.04	17.64
149	5745	30.52	33.96	33.96	33.24
157	5785	30.84	35.28	36.00	34.32
165	5825	29.76	35.76	33.48	32.16

802.11ax (HE20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
36	5180	18.00	18.00	17.88	18.36
40	5200	17.88	17.88	17.88	18.48
48	5240	18.00	18.00	17.88	18.72
149	5745	31.08	33.72	35.16	33.12
157	5785	31.44	34.08	36.60	34.32
165	5825	32.52	34.32	35.40	36.12

802.11ax (HE40)

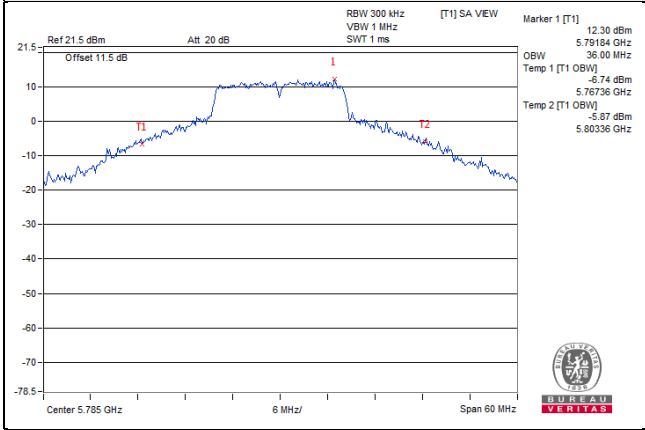
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
38	5190	36.72	36.72	36.72	36.96
46	5230	37.68	37.44	36.96	38.88
151	5755	48.60	51.00	50.88	50.40
159	5795	48.96	51.24	50.64	50.64

802.11ax (HE80)

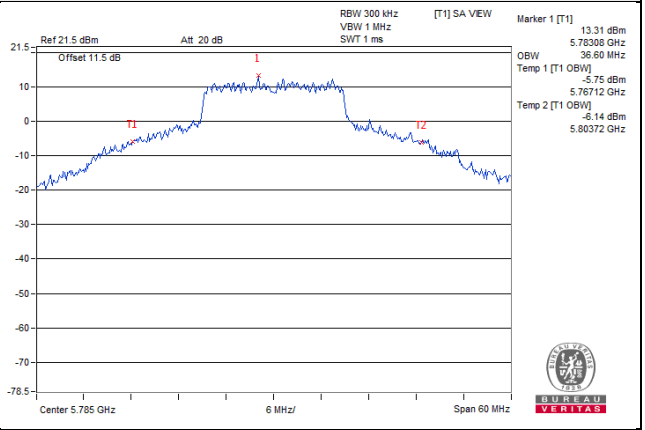
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
42	5210	76.08	75.60	75.84	76.08
155	5775	77.04	79.68	81.12	79.20

Spectrum Plot of Worst Value

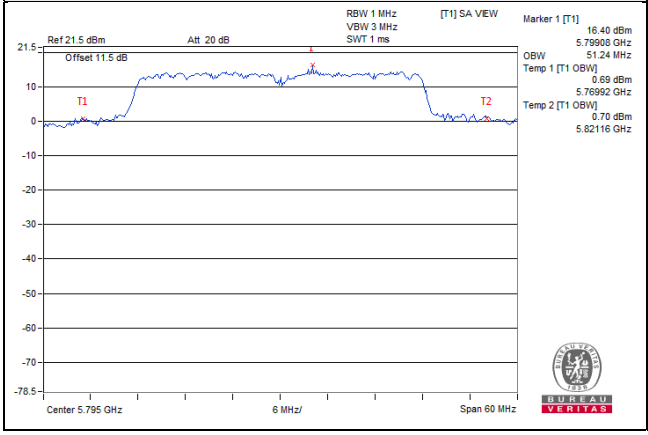
802.11a



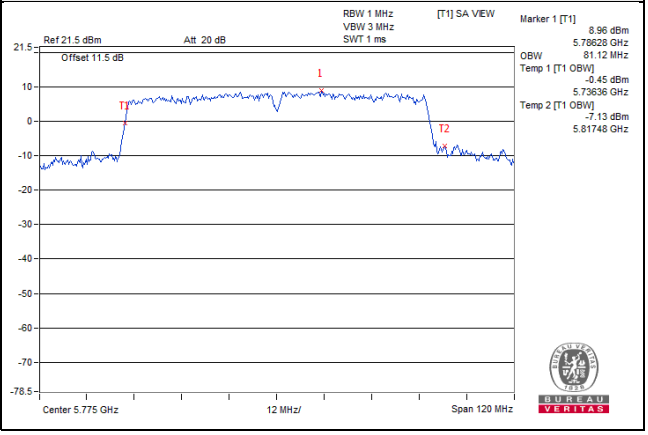
802.11ax (HE20)

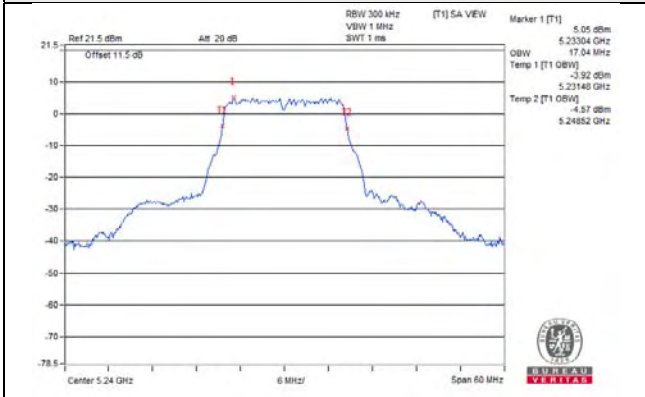
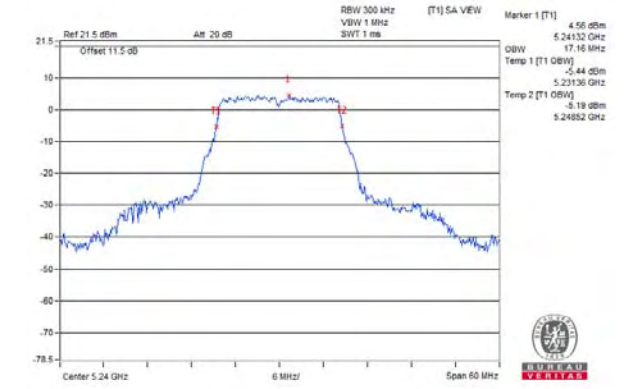
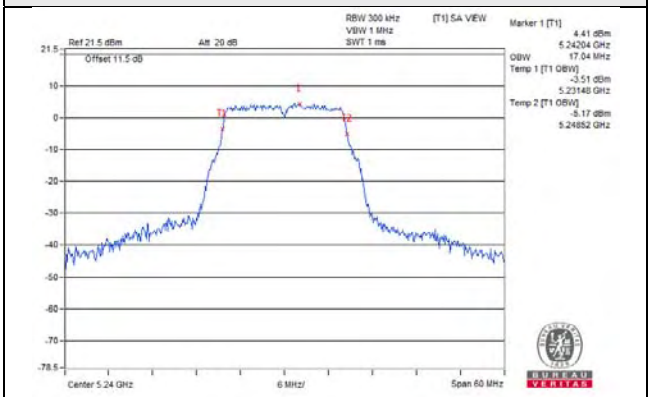
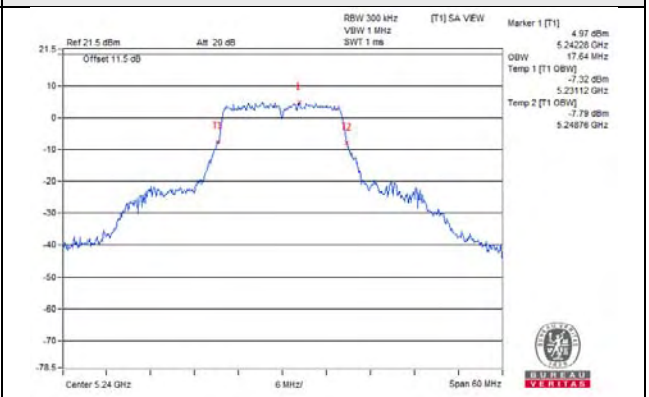
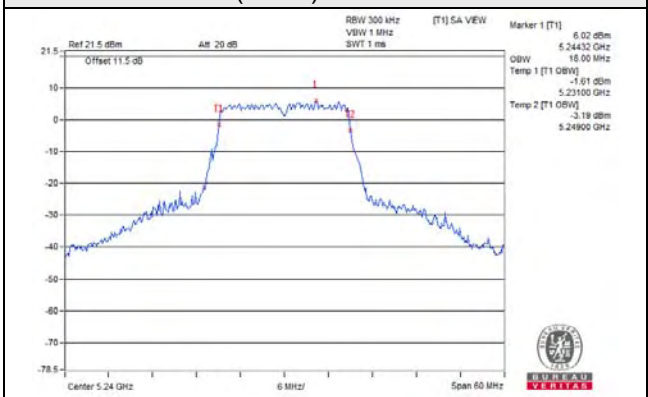
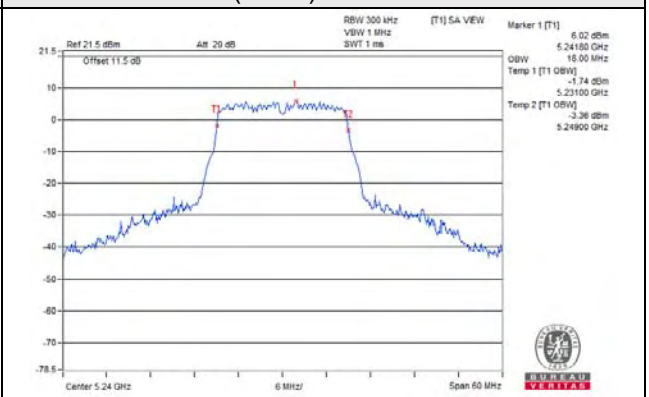
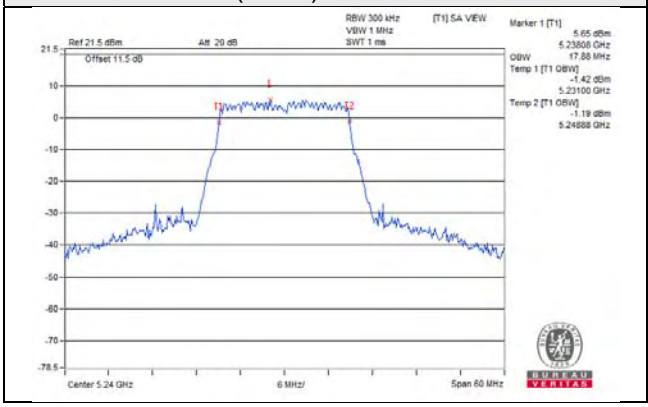
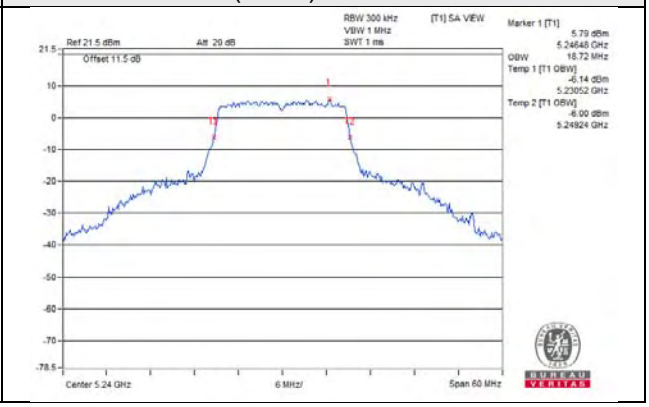


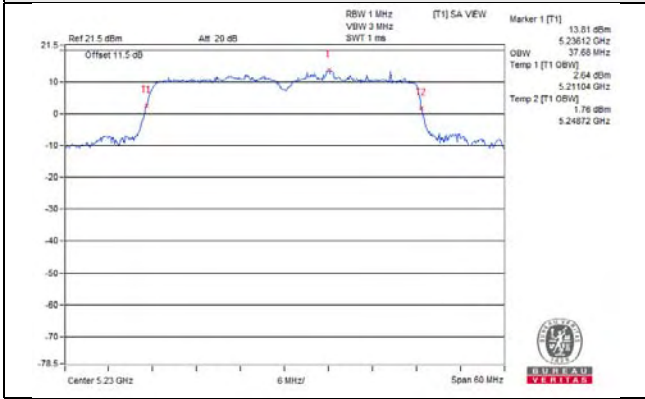
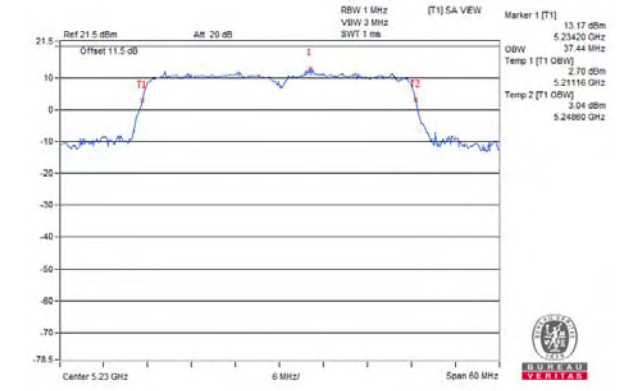
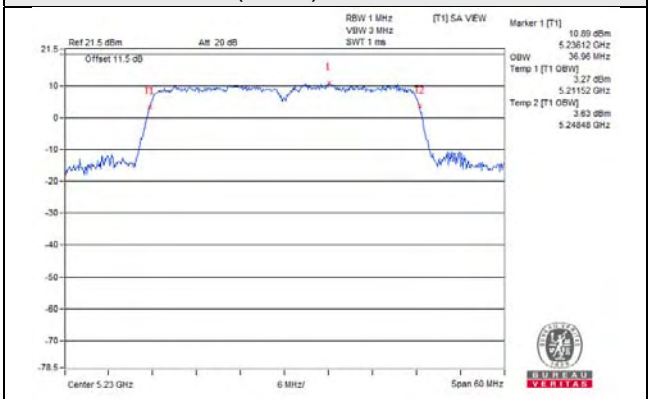
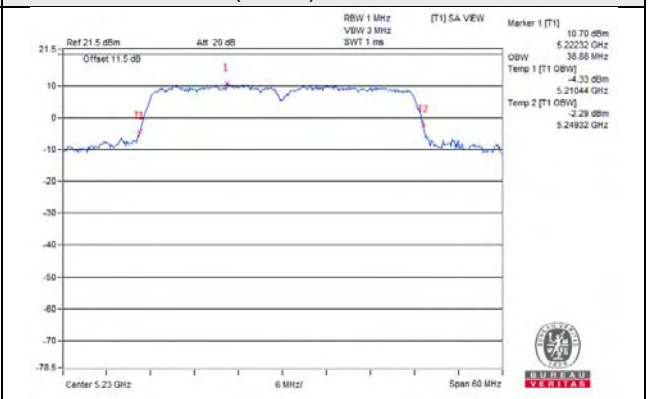
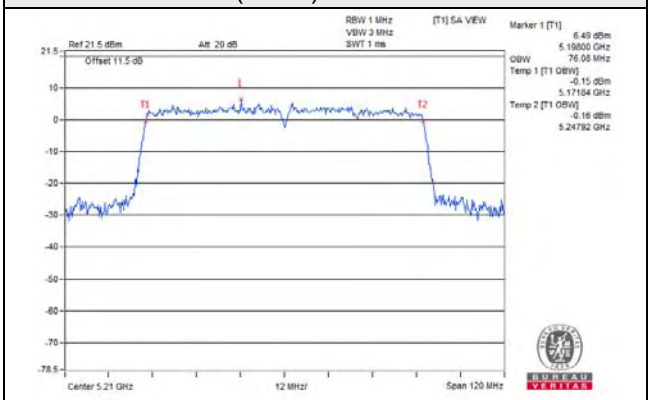
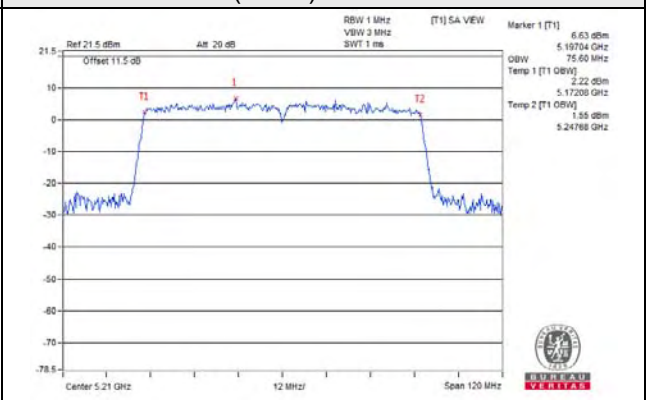
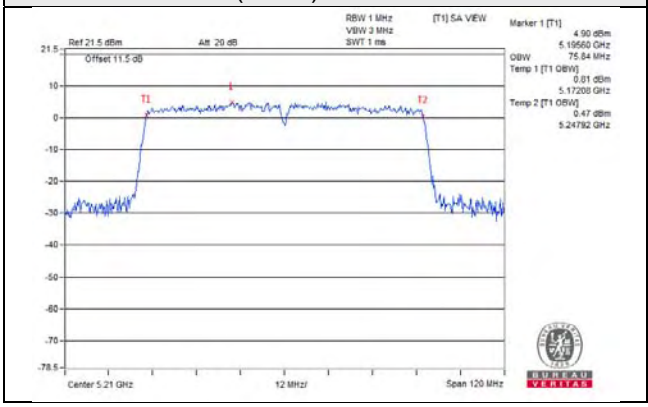
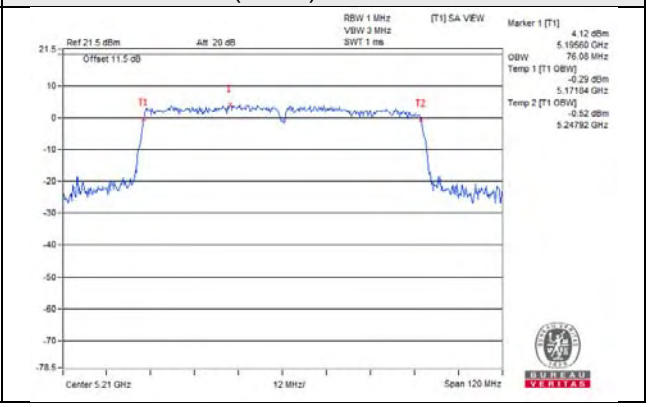
802.11ax (HE40)

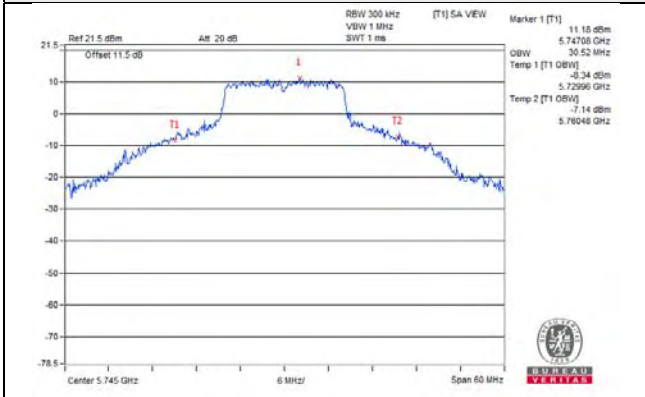
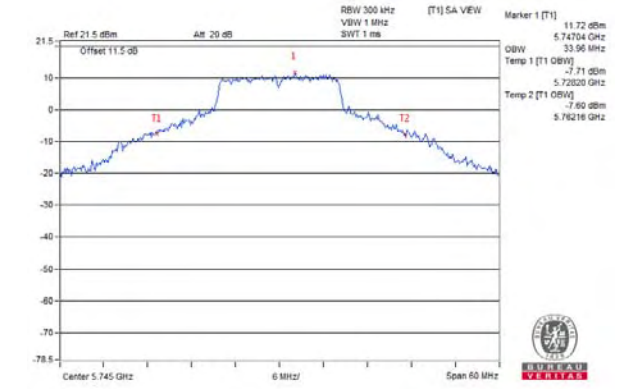
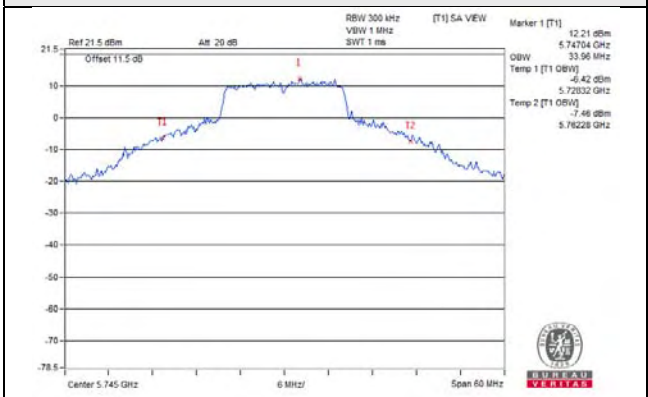
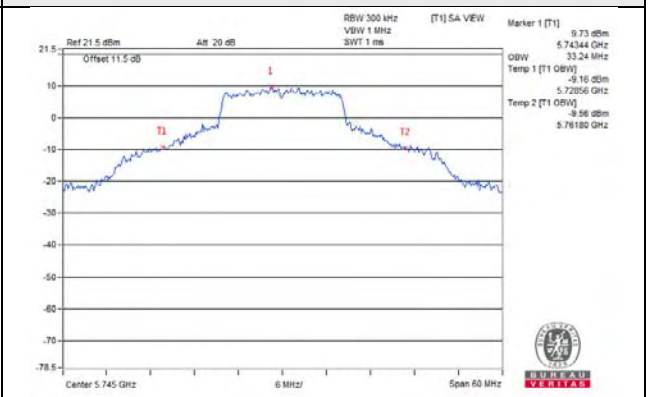
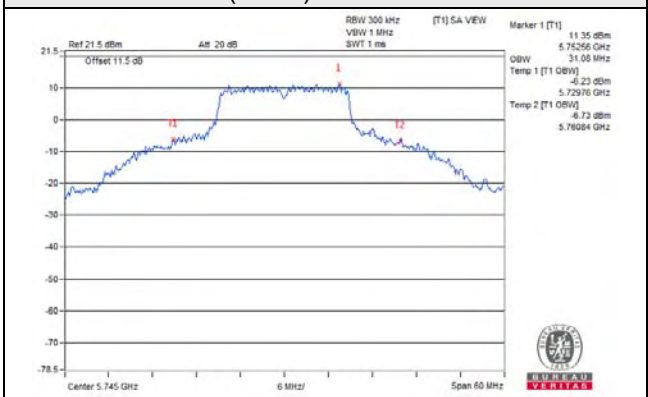
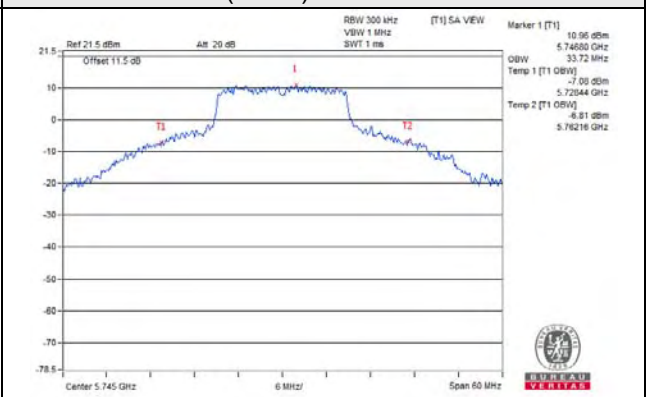
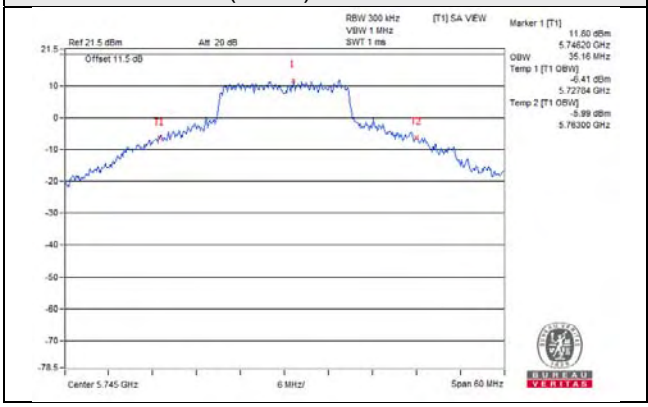
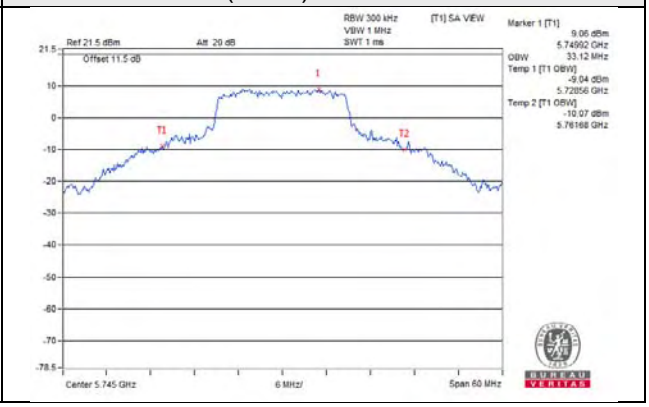


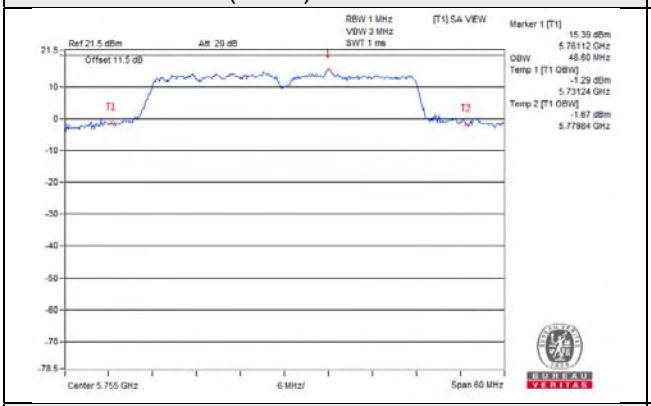
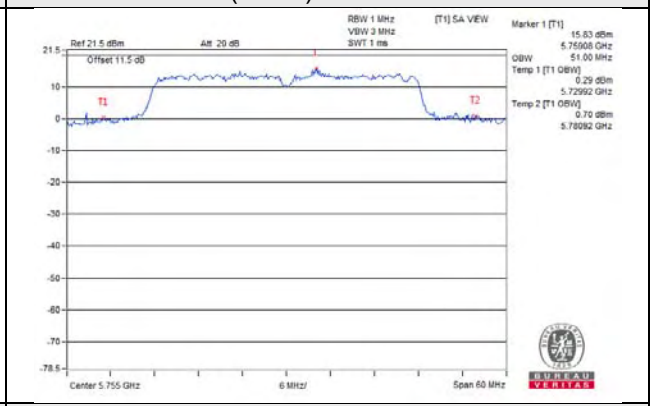
802.11ax (HE80)



Spectrum Plot for near By DFS Band	
802.11a / Chain 0 / CH 48	802.11a / Chain 1 / CH 48
	
802.11a / Chain 2 / CH 48	802.11a / Chain 3 / CH 48
	
802.11ax (HE20) / Chain 0 / CH 48	802.11ax (HE20) / Chain 1 / CH 48
	
802.11ax (HE20) / Chain 2 / CH 48	802.11ax (HE20) / Chain 3 / CH 48
	

Spectrum Plot for near By DFS Band	
802.11ax (HE40) / Chain 0 / CH 46	802.11ax (HE40) / Chain 1 / CH 46
	
802.11ax (HE40) / Chain 2 / CH 46	802.11ax (HE40) / Chain 3 / CH 46
	
802.11ax (HE80) / Chain 0 / CH 42	802.11ax (HE80) / Chain 1 / CH 42
	
802.11ax (HE80) / Chain 2 / CH 42	802.11ax (HE80) / Chain 3 / CH 42
	

Spectrum Plot for near By DFS Band	
802.11a / Chain 0 / CH 149	802.11a / Chain 1 / CH 149
	
802.11a / Chain 2 / CH 149	802.11a / Chain 3 / CH 149
	
802.11ax (HE20) / Chain 0 / CH 149	802.11ax (HE20) / Chain 1 / CH 149
	
802.11ax (HE20) / Chain 2 / CH 149	802.11ax (HE20) / Chain 3 / CH 149
	

Spectrum Plot for near By DFS Band	
802.11ax (HE40) / Chain 0 / CH 151	802.11ax (HE40) / Chain 1 / CH 151
	
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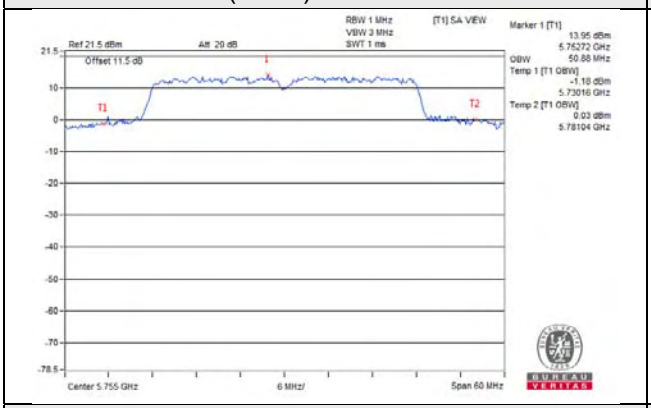
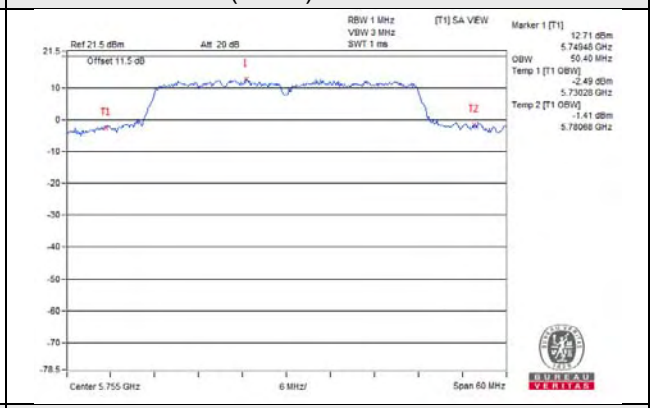
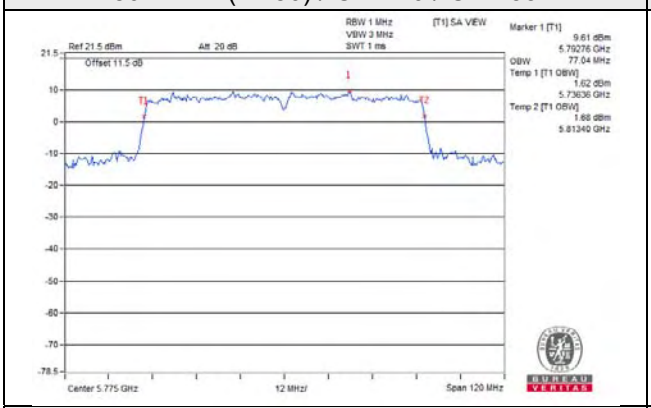
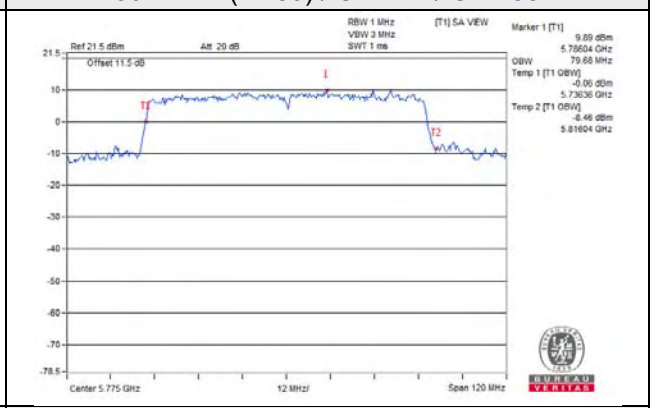
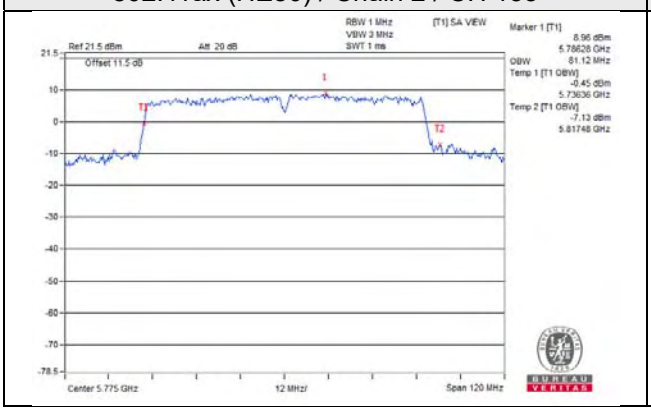
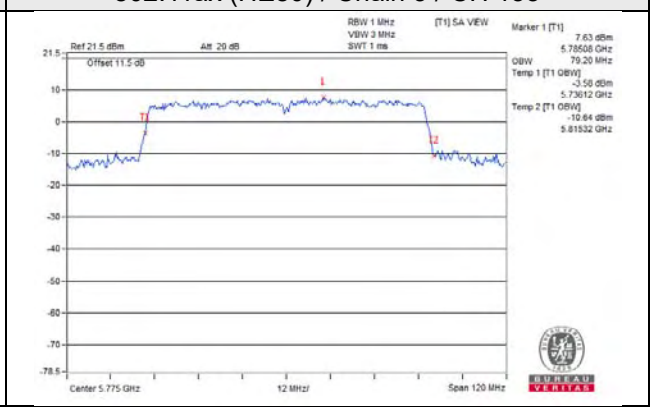
	
802.11ax (HE80) / Chain 0 / CH 155	802.11ax (HE80) / Chain 1 / CH 155
	
802.11ax (HE80) / Chain 2 / CH 155	802.11ax (HE80) / Chain 3 / CH 155