

FCC Test Report

Report No.: RFBDYS-WTW-P20110432C-1

FCC ID: TVE-4617T111266

Test Model: FAP-432F

Series Model: FortiAP 432Fxxxxxx, FAP-432Fxxxxxx, FORTIAP-432Fxxxxxx (Where "x" can be used as "A-Z", or "0-9", or "-", or blank for software changes or marketing purposes only)

Received Date: Dec. 24, 2021

Test Date: Dec. 24, 2021 ~ Jul. 27, 2022

Issued Date: Sep. 21, 2022

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**FCC Registration /
Designation Number(1):** 788550 / TW0003

**FCC Registration /
Designation Number(2):** 281270 / TW0032



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Table of Contents

Release Control Record	4
1 Certificate of Conformity	5
2 Summary of Test Results	6
2.1 Measurement Uncertainty	6
2.2 Modification Record	6
3 General Information	7
3.1 General Description of EUT	7
3.2 Description of Test Modes	12
3.2.1 Test Mode Applicability and Tested Channel Detail	14
3.3 Duty Cycle of Test Signal	18
3.4 Description of Support Units	21
3.4.1 Configuration of System under Test	21
3.5 General Description of Applied Standards	22
4 Test Types and Results	23
4.1 Radiated Emission and Bandedge Measurement	23
4.1.1 Limits of Radiated Emission and Bandedge Measurement	23
4.1.2 Test Instruments	24
4.1.3 Test Procedures	25
4.1.4 Deviation from Test Standard	25
4.1.5 Test Setup	26
4.1.6 EUT Operating Conditions	27
4.1.7 Test Results	28
4.2 Conducted Emission Measurement	166
4.2.1 Limits of Conducted Emission Measurement	166
4.2.2 Test Instruments	166
4.2.3 Test Procedures	167
4.2.4 Deviation from Test Standard	167
4.2.5 Test Setup	167
4.2.6 EUT Operating Conditions	167
4.2.7 Test Results	168
4.3 Transmit Power Measurement	174
4.3.1 Limits of Transmit Power Measurement	174
4.3.2 Test Setup	174
4.3.3 Test Instruments	174
4.3.4 Test Procedure	175
4.3.5 Deviation from Test Standard	175
4.3.6 EUT Operating Conditions	175
4.3.7 Test Result	176
4.4 Occupied Bandwidth Measurement	296
4.4.1 Test Setup	296
4.4.2 Test Instruments	296
4.4.3 Test Procedure	296
4.4.4 Test Result	297
4.5 Peak Power Spectral Density Measurement	327
4.5.1 Limits of Peak Power Spectral Density Measurement	327
4.5.2 Test Setup	327
4.5.3 Test Instruments	327
4.5.4 Test Procedures	327
4.5.5 Deviation from Test Standard	328
4.5.6 EUT Operating Conditions	328
4.5.7 Test Results	329
4.6 Frequency Stability	356
4.6.1 Limits of Frequency Stability Measurement	356

4.6.2	Test Setup	356
4.6.3	Test Instruments	356
4.6.4	Test Procedure	356
4.6.5	Deviation from Test Standard	357
4.6.6	EUT Operating Condition	357
4.6.7	Test Results	357
4.7	6dB Bandwidth Measurement	360
4.7.1	Limits of 6dB Bandwidth Measurement	360
4.7.2	Test Setup	360
4.7.3	Test Instruments	360
4.7.4	Test Procedure	360
4.7.5	Deviation from Test Standard	360
4.7.6	EUT Operating Condition	360
4.7.7	Test Results	361
5	Pictures of Test Arrangements	367
	Annex A- Radiated out of Band Emission (OOBE) Measurement (For U-NII-3 band).....	368
	Annex B- Band Edge Measurement.....	377
	Appendix – Information of the Testing Laboratories	415

Release Control Record

Issue No.	Description	Date Issued
RFBDYS-WTW-P20110432C-1	Original release	Sep. 21, 2022

1 Certificate of Conformity

Product: Secured Wireless Access Point

Brand: Fortinet

Test Model: FAP-432F

Series Model: FortiAP 432Fxxxxxx, FAP-432Fxxxxxx, FORTIAP-432Fxxxxxx (Where "x" can be used as "A-Z", or "0-9", or "-", or blank for software changes or marketing purposes only) (refer to item 3.1 for more details)

Sample Status: Engineering sample

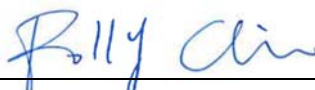
Applicant: Fortinet, Inc.

Test Date: Dec. 24, 2021 ~ Jul. 27, 2022

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 :


Polly Chien / Specialist

Date:

Sep. 21, 2022

Approved by :


Jeremy Lin / Senior Engineer

Date:

Sep. 21, 2022

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
FCC Clause	Test Item	Result	Remarks
15.407(b)(9)	AC Power Conducted Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -14.79dB at 0.43800MHz.
15.407(b)(1/2/3/4(i/ii)/9)	Radiated Emissions & Band Edge Measurement	Pass	Meet the requirement of limit. Minimum passing margin is -0.34dB at 5150.00MHz.
15.407(a)(1/2/3)	Max Average Transmit Power	Pass	Meet the requirement of limit.
---	Occupied Bandwidth Measurement	-	Reference only.
15.407(a)(1/2/3)	Peak Power Spectral Density	Pass	Meet the requirement of limit.
15.407(e)	6dB bandwidth	Pass	Meet the requirement of limit. (U-NII-3 Band only)
15.407(g)	Frequency Stability	Pass	Meet the requirement of limit.
15.203	Antenna Requirement	Pass	EUT uses standard N connector (but subject to professional installation).

Note:

1. For U-NII-3 band compliance with rule part 15.407(b)(4)(i), the OOB 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	3.00 dB
	30MHz ~ 200MHz	2.91 dB
Radiated Emissions above 1 GHz	200MHz ~ 1000MHz	2.93 dB
	1GHz ~ 18GHz	1.76 dB
	18GHz ~ 40GHz	1.77 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	Secured Wireless Access Point
Brand	Fortinet
Test Model	FAP-432F
Series Model	FortiAP 432Fxxxxxx, FAP-432Fxxxxxx, FORTIAP-432Fxxxxxx (Where "x" can be used as "A-Z", or "0-9", or "-", or blank for software changes or marketing purposes only)
Model Difference	Refer to note
Sample Status	Engineering sample
Power Supply Rating	54Vdc from POE
Modulation Type	802.11a/n: BPSK, QPSK, 16QAM, 64QAM 802.11ac: BPSK, QPSK, 16QAM, 64QAM, 256QAM 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM
Modulation Technology	OFDM, OFDMA
Transfer Rate	802.11a: 54/48/36/24/18/12/9/6Mbps 802.11n (HT20/40): up to 600Mbps 802.11ac (VHT20/40): up to 800Mbps 802.11ax: up to 4803.9Mbps
Operating Frequency	5180 ~ 5320MHz, 5500 ~ 5720MHz, 5745 ~ 5825MHz
Number of Channel	<u>5GHz traffic radio:</u> 5180 ~ 5320MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 8 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 4 802.11ac (VHT80), 802.11ax (HE80): 2 802.11ac (VHT80+VHT80), 802.11ax (HE80+HE80): 2 5500 ~ 5720MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 12 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 6 802.11ac (VHT80), 802.11ax (HE80): 3 802.11ac (VHT80+VHT80), 802.11ax (HE80+HE80): 2 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	<u>Ant. Model: FANT-04ABGN-0606-O-N</u> <u>CDD Mode:</u> 5180 ~ 5240MHz: 58.257mW (Outdoor Access Point) 5180 ~ 5240MHz: 471.509mW (Indoor Access Point) 5260 ~ 5320MHz: 113.887mW 5500 ~ 5720MHz: 171.955mW 5745 ~ 5825MHz: 750.057mW <u>Beamforming Mode:</u> 5180 ~ 5240MHz: 24.557mW (Outdoor Access Point) 5180 ~ 5240MHz: 183.908mW (Indoor Access Point) 5260 ~ 5320MHz: 45.801mW 5500 ~ 5720MHz: 45.646mW 5745 ~ 5825MHz: 181.166mW

Output Power	<u>Ant. Model: FANT-04ABGN-1414-P-N</u> CDD Mode: 5180 ~ 5240MHz: 77.905mW (Outdoor Access Point) 5180 ~ 5240MHz: 77.905mW (Indoor Access Point) 5260 ~ 5320MHz: 39.661mW 5500 ~ 5720MHz: 37.351mW 5745 ~ 5825MHz: 157.181mW Beamforming Mode: 5180 ~ 5240MHz: 16.875mW (Outdoor Access Point) 5180 ~ 5240MHz: 39.085mW (Indoor Access Point) 5260 ~ 5320MHz: 17.996mW 5500 ~ 5720MHz: 9.939mW 5745 ~ 5825MHz: 37.122mW
	<u>Ant. Model: FANT-04ABGN-8065-P-N</u> CDD Mode: 5180 ~ 5240MHz: 213.717mW (Outdoor Access Point) 5180 ~ 5240MHz: 428.008mW (Indoor Access Point) 5260 ~ 5320MHz: 110.416mW 5500 ~ 5720MHz: 179.328mW 5745 ~ 5825MHz: 707.623mW Beamforming Mode: 5180 ~ 5240MHz: 56.281mW (Outdoor Access Point) 5180 ~ 5240MHz: 172.676mW (Indoor Access Point) 5260 ~ 5320MHz: 52.243mW 5500 ~ 5720MHz: 54.342mW 5745 ~ 5825MHz: 186.192mW
Antenna Type	Refer to note
Antenna Connector	N-type Plug
Accessory Device	POE
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.: RFBDS-WTW-P20110432A-1) is adding three antennas. Therefore, the EUT with new antennas were tested and presented in the test report.
2. The following models are provided to this EUT. The model FAP-432F was chosen for final test.

Brand	Model	Description
Fortinet	FAP-432F	Series model for marketing purpose
	FortiAP 432Fxxxxxx, FAP-432Fxxxxxx, FORTIAP-432Fxxxxxx (Where "x" can be used as "A-Z", or "0-9", or "-", or blank for software changes or marketing purposes only)	

3. The EUT incorporates a MIMO function. Physically, the EUT provides 4 completed transmitters and 4 receivers. The Scanning radio of EUT provides 1 completed transmitter and 1 receiver.

Modulation Mode	CDD Mode	Beamforming Mode	TX Function	Radio
802.11a	Support	Not Support	4TX	5G traffic radio (Radio 2)
802.11n (HT20)	Support	Not Support	4TX	
802.11n (HT40)	Support	Not Support	4TX	
802.11ac (VHT20)	Support	Support	4TX	
802.11ac (VHT40)	Support	Support	4TX	
802.11ac (VHT80)	Support	Support	4TX	
802.11ac (VHT80+80)	Support	Support	2TX+2TX	
802.11ax (HE20)	Support	Support	4TX	
802.11ax (HE40)	Support	Support	4TX	
802.11ax (HE80)	Support	Support	4TX	
802.11ax (HE80+80)	Support	Support	2TX+2TX	
802.11a	Support	Not Support	1TX	Scanning radio (Radio 3)
802.11n (HT20)	Support	Not Support	1TX	
802.11n (HT40)	Support	Not Support	1TX	
802.11ac (VHT20)	Support	Not Support	1TX	
802.11ac (VHT40)	Support	Not Support	1TX	
802.11ac (VHT80)	Support	Not Support	1TX	

* The bandwidth and modulation are similar for HT20/HT40 on 802.11n mode and VHT20/VHT40/VHT80/VHT80+80 on 802.11ac mode and HE20/HE40/HE80/HE80+80 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/ac/ax, 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.

* The EUT supports Full RU only.

4. The EUT consumes power from the following POE.

POE	
Brand	SENAO
Model	PIN060-54PR
Input Power	100-240Vac, 50-60Hz, 1.5A
Output Power	54V, 1.11A

5. The simultaneous operation mode was determined by client.

No	Mode
1	2G traffic radio (Radio 1) + 5GHz traffic radio (Radio 2) + 5G Scanning radio (Radio 3) + BLE
2	2G traffic radio (Radio 1) + 5GHz traffic radio (Radio 2) + 5G Scanning radio (Radio 3) + Zigbee
3	5GHz traffic radio (Radio 2) + 2G Scanning radio (Radio 3) + BLE
4	5GHz traffic radio (Radio 2) + 2G Scanning radio (Radio 3) + Zigbee

* 5GHz traffic radio (Radio 2) and 5G Scanning radio (Radio 3) cannot transmit in the same band at same time. 2G traffic radio (Radio 1) and 2G Scanning radio (Radio 3) cannot transmit at same time.

* Zigbee and BT technologies cannot transmit at same time.

* Spurious emission of the simultaneous operation has been evaluated and no non-compliance was found.

6. The antennas information is listed as below.

Original antenna

Antenna Type	Dipole
Frequency (MHz)	Gain (dBi)
2400	5.1
2450	5.0
2500	5.5
4900	6.1
5150	6.5
5250	6.4
5350	6.7
5450	7.2
5550	6.6
5650	6.6
5750	7.0
5850	6.9

*The EUT will install at outdoor area, the highest antenna gain from the horizon above 30 degrees as below, for more detail information please refer to antenna specification and user manual.

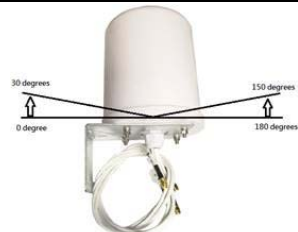
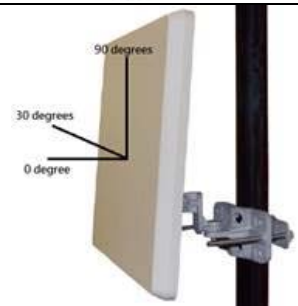
Item	Antenna gain	Antenna install degree
Radio 2 Band 1	-2.59 dBi	
Radio 3 Band 1	-2.59 dBi	

* Due to device Will restricted installation position as above photo, thus consider to above 30 degrees highest antenna gain are chosen from XY and YZ Plane (antenna specification of 30~150 dug and 210~330 dug)

New antenna (New antennas are for connection to the WLAN_A1/A2/A3/A4 ports only)

Optional Antennas	# Of Ant	Type	Connector	2.4GHz (dBi)	5GHz B1 (dBi)	5GHz B2 (dBi)	5GHz B3 (dBi)	5GHz B4 (dBi)
FANT-04ABGN-0606-O-N	4	Omni	4 N-Type	6	6	6	6	6
FANT-04ABGN-1414-P-N	4	Patch	4 N-Type	14	14	14	14	14
FANT-04ABGN-8065-P-N	4	Patch	4 N-Type	8	6.5	6.5	6.5	6.5

*The EUT will install at outdoor area, the highest antenna gain from the horizon above 30 degrees as below, for more detail information please refer to antenna specification and user manual.

Optional Antennas	Item	Antenna gain	Antenna install degree
FANT-04ABGN-0606-O-N	Band 1	Chain 0: 1.60dBi	
		Chain 1: 0.41dBi	
		Chain 2: 3.17dBi	
		Chain 3: -3.08dBi	
FANT-04ABGN-1414-P-N	Band 1	Chain 0: 0.93dBi	
		Chain 1: 0.97dBi	
		Chain 2: 0.81dBi	
		Chain 3: -2.05dBi	
FANT-04ABGN-8065-P-N	Band 1	Chain 0: -5.46dBi	
		Chain 1: -6.57dBi	
		Chain 2: -6.59dBi	
		Chain 3: -5.32dBi	

Note:

1. FANT-04ABGN-0606-O-N:
Due to the device will restricted installation position as below photo, thus considering the horizon above 30 degrees highest antenna gain that was found from 30 degrees and 150 degrees scanning.
 2. FANT-04ABGN-1414-P-N:
Due to the device will restricted installation position as below photo, thus considering the horizon above 30 degrees highest antenna gain that was found from 30 degrees and 90 degrees scanning.
 3. FANT-04ABGN-8065-P-N:
Due to the device will restricted installation position as below photo, thus considering the horizon above 30 degrees highest antenna gain that was found from 30 degrees and 90 degrees scanning.
7. Detail antenna specification please refer to antenna datasheet and/or antenna measurement report.

3.2 Description of Test Modes

For 5180 ~ 5320MHz:

8 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
52	5260 MHz	60	5300 MHz
56	5280 MHz	64	5320 MHz

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

Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz
54	5270 MHz	62	5310 MHz

2 channels are provided for 802.11ac (VHT80), 802.11ax (HE80):

Channel	Frequency	Channel	Frequency
42	5210MHz	58	5290MHz

2 channels are provided for 802.11ac (VHT80), 802.11ax (HE80), 802.11ac (VHT80+VHT80), 802.11ax (HE80+HE80):

Channel	Frequency	Channel	Frequency
42	5210MHz	58	5290MHz

5500~5720MHz:

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

Channel	Frequency	Channel	Frequency
100	5500 MHz	124	5620 MHz
104	5520 MHz	128	5640 MHz
108	5540 MHz	132	5660 MHz
112	5560 MHz	136	5680 MHz
116	5580 MHz	140	5700 MHz
120	5600 MHz	144	5720 MHz

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

Channel	Frequency	Channel	Frequency
102	5510 MHz	126	5630 MHz
110	5550 MHz	134	5670 MHz
118	5590 MHz	142	5710 MHz

3 channels are provided for 802.11ac (VHT80), 802.11ax (HE80):

Channel	Frequency	Channel	Frequency
106	5530 MHz	138	5690 MHz
122	5610 MHz		

2 channels are provided for 802.11ac (VHT80+VHT80), 802.11ax (HE80+HE80):

Channel	Frequency	Channel	Frequency
106	5530 MHz	122	5610 MHz

For 5745 ~ 5825MHz:

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

Channel	Frequency	Channel	Frequency
149	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 $\geq$ 1G	RE<1G	PLC	APCM	
A	√	√	√	√	EUT + antenna model: FANT-04ABGN-0606-O-N
B	√	√	√	√	EUT + antenna model: FANT-04ABGN-1414-P-N
C	√	√	√	√	EUT + antenna model: FANT-04ABGN-8065-P-N

Where RE $\geq$ 1G: Radiated Emission above 1GHz & Bandedge Measurement
PLC: Power Line Conducted Emission

RE<1G: Radiated Emission below 1GHz
APCM: Antenna Port Conducted Measurement

Note:

- The EUT had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **Z-plane**.
- "-": Means no effect.

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)
A, B, C	802.11a	5180-5240	36 to 48	36, 40, 48	OFDM	6.0
	802.11ax (HE20)		36 to 48	36, 40, 48	OFDMA	MCS0
	802.11ax (HE40)		38 to 46	38, 46	OFDMA	MCS0
	802.11ax (HE80)		42	42	OFDMA	MCS0
A, B, C	802.11a	5260-5320	52 to 64	52, 60, 64	OFDM	6.0
	802.11ax (HE20)		52 to 64	52, 60, 64	OFDMA	MCS0
	802.11ax (HE40)		54 to 62	54, 62	OFDMA	MCS0
	802.11ax (HE80)		58	58	OFDMA	MCS0
	802.11ax (HE80+80)		42+58	42+58	OFDMA	MCS0
A, B, C	802.11a	5500-5720	100 to 144	100, 116, 140, 144	OFDM	6.0
	802.11ax (HE20)		100 to 144	100, 116, 140, 144	OFDMA	MCS0
	802.11ax (HE40)		102 to 142	102, 110, 134, 142	OFDMA	MCS0
	802.11ax (HE80)		106 to 138	106, 122, 138	OFDMA	MCS0
	802.11ax (HE80+80)		106+122	106+122	OFDMA	MCS0
A, B, C	802.11a	5745-5825	149 to 165	149, 157, 165	OFDM	6.0
	802.11ax (HE20)		149 to 165	149, 157, 165	OFDMA	MCS0
	802.11ax (HE40)		151 to 159	151, 159	OFDMA	MCS0
	802.11ax (HE80)		155	155	OFDMA	MCS0

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)
A	802.11ax (HE20)	5180-5240	36 to 48	100	OFDMA	MCS0
		5260-5320	52 to 64			
		5500-5720	100 to 144			
		5745-5825	149 to 165			
B	802.11a	5180-5240	36 to 48	157	OFDMA	6.0
		5260-5320	52 to 64			
		5500-5720	100 to 144			
		5745-5825	149 to 165			
C	802.11a	5180-5240	36 to 48	149	OFDMA	6.0
		5260-5320	52 to 64			
		5500-5720	100 to 144			
		5745-5825	149 to 165			

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)
A	802.11ax (HE20)	5180-5240	36 to 48	100	OFDMA	MCS0
		5260-5320	52 to 64			
		5500-5720	100 to 144			
		5745-5825	149 to 165			
B	802.11a	5180-5240	36 to 48	157	OFDMA	6.0
		5260-5320	52 to 64			
		5500-5720	100 to 144			
		5745-5825	149 to 165			
C	802.11a	5180-5240	36 to 48	149	OFDMA	6.0
		5260-5320	52 to 64			
		5500-5720	100 to 144			
		5745-5825	149 to 165			

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)
A, B, C	802.11a	5180-5240	36 to 48	36, 40, 48	OFDM	6.0
	802.11n (HT20)		36 to 48	36, 40, 48	OFDM	6.5
	802.11n (HT40)		38 to 46	38, 46	OFDM	13.5
	802.11ac (VHT20)		36 to 48	36, 40, 48	OFDM	6.5
	802.11ac (VHT40)		38 to 46	38, 46	OFDM	13.5
	802.11ac (VHT80)		42	42	OFDM	29.3
	802.11ax (HE20)		36 to 48	36, 40, 48	OFDMA	MCS0
	802.11ax (HE40)		38 to 46	38, 46	OFDMA	MCS0
	802.11ax (HE80)		42	42	OFDMA	MCS0
A, B, C	802.11a	5260-5320	52 to 64	52, 60, 64	OFDM	6.0
	802.11n (HT20)		52 to 64	52, 60, 64	OFDM	6.5
	802.11n (HT40)		54 to 62	54, 62	OFDM	13.5
	802.11ac (VHT20)		52 to 64	52, 60, 64	OFDM	6.5
	802.11ac (VHT40)		54 to 62	54, 62	OFDM	13.5
	802.11ac (VHT80)		58	58	OFDM	29.3
	802.11ax (HE20)		52 to 64	52, 60, 64	OFDMA	MCS0
	802.11ax (HE40)		54 to 62	54, 62	OFDMA	MCS0
	802.11ax (HE80)		58	58	OFDMA	MCS0
	802.11ax (HE80+80)		42+58	42+58	OFDMA	MCS0
	802.11a		100 to 144	100, 116, 140, 144	OFDM	6.0
A, B, C	802.11n (HT20)	5500-5720	100 to 144	100, 116, 140, 144	OFDM	6.5
	802.11n (HT40)		102 to 142	102, 110, 134, 142	OFDM	13.5
	802.11ac (VHT20)		100 to 144	100, 116, 140, 144	OFDM	6.5
	802.11ac (VHT40)		102 to 142	102, 110, 134, 142	OFDM	13.5
	802.11ac (VHT80)		106 to 138	106, 122, 138	OFDM	29.3
	802.11ax (HE20)		100 to 144	100, 116, 140, 144	OFDMA	MCS0
	802.11ax (HE40)		102 to 142	102, 110, 134, 142	OFDMA	MCS0
	802.11ax (HE80)		106 to 138	106, 122, 138	OFDMA	MCS0
	802.11ax (HE80+80)		106+122	106+122	OFDMA	MCS0
	802.11a		149 to 165	149, 157, 165	OFDM	6.0
	802.11n (HT20)		149 to 165	149, 157, 165	OFDM	6.5
A, B, C	802.11n (HT40)	5745-5825	151 to 159	151, 159	OFDM	13.5
	802.11ac (VHT20)		149 to 165	149, 157, 165	OFDM	6.5
	802.11ac (VHT40)		151 to 159	151, 159	OFDM	13.5
	802.11ac (VHT80)		155	155	OFDM	29.3
	802.11ax (HE20)		149 to 165	149, 157, 165	OFDMA	MCS0
	802.11ax (HE40)		151 to 159	151, 159	OFDMA	MCS0
	802.11ax (HE80)		155	155	OFDMA	MCS0
	802.11a		149 to 165	149, 157, 165	OFDM	6.0
	802.11n (HT20)		149 to 165	149, 157, 165	OFDM	6.5
	802.11n (HT40)		151 to 159	151, 159	OFDM	13.5
	802.11ac (VHT20)		149 to 165	149, 157, 165	OFDM	6.5

Test Condition:

Applicable to	Environmental Conditions	Input Power	Tested by
RE$\geq$1G	26 deg. C, 66% RH 23 deg. C, 68% RH 28 deg. C, 75% RH 22 deg. C, 67% RH	54Vdc	Adair Peng, Randy Wu, Raymond Wu
RE<1G	23 deg. C, 68% RH	54Vdc	Adair Peng
PLC	25 deg. C, 75% RH	54Vdc	Edison Lee
APCM	25 deg. C, 60% RH	54Vdc	Wayne Lin

3.3 Duty Cycle of Test Signal

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

Mode A

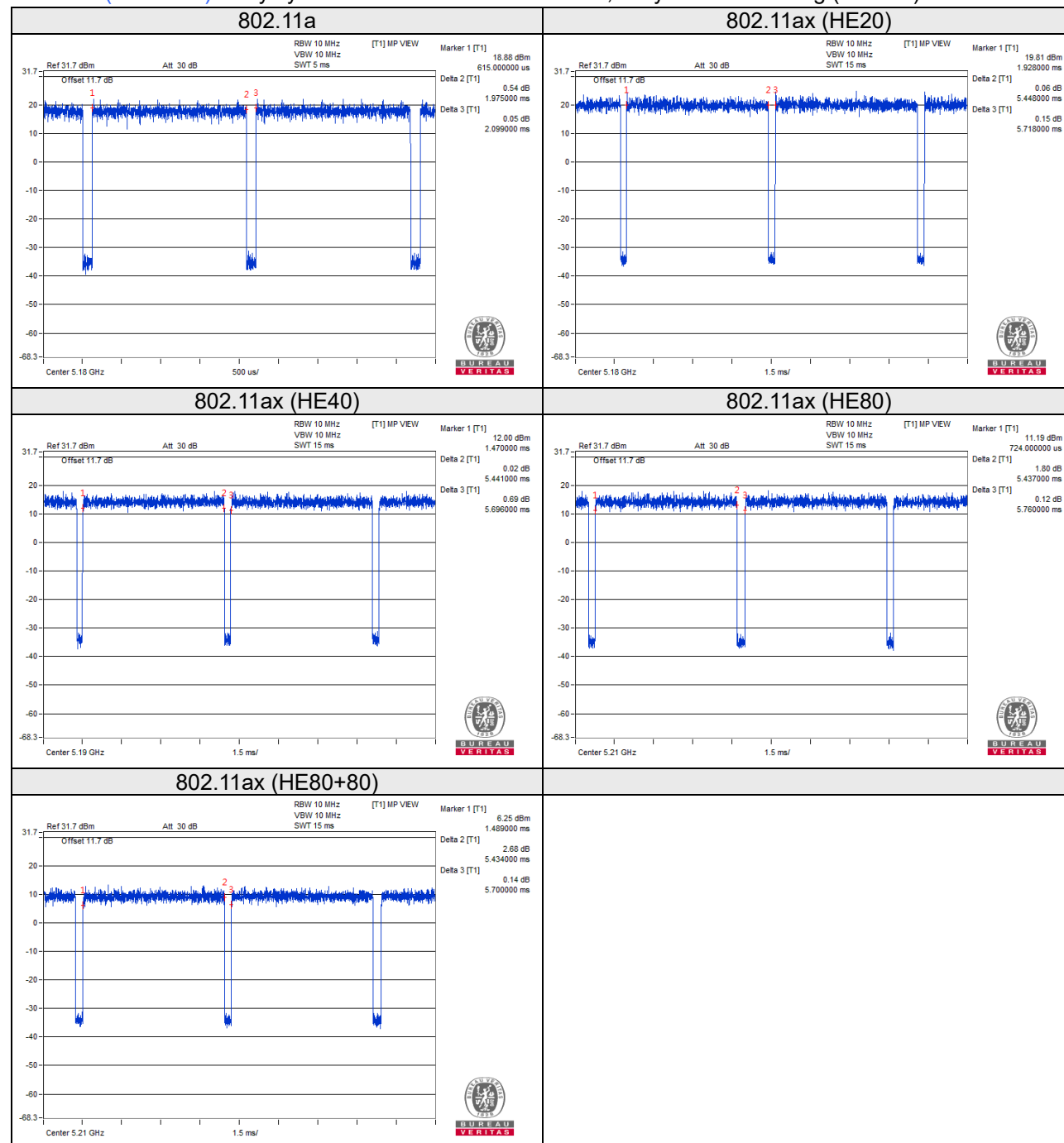
802.11a: Duty cycle = 1.975ms/2.099ms = 0.941, Duty factor = $10 \cdot \log(1/0.941) = 0.26$

802.11ax (HE20): Duty cycle = 5.448ms/5.718ms = 0.953, Duty factor = $10 \cdot \log(1/0.953) = 0.21$

802.11ax (HE40): Duty cycle = 5.441ms/5.696ms = 0.955, Duty factor = $10 \cdot \log(1/0.955) = 0.20$

802.11ax (HE80): Duty cycle = 5.437ms/5.760ms = 0.944, Duty factor = $10 \cdot \log(1/0.944) = 0.25$

802.11ax (HE80+80): Duty cycle = 5.434ms/5.700ms = 0.953, Duty factor = $10 \cdot \log(1/0.953) = 0.21$



Mode B

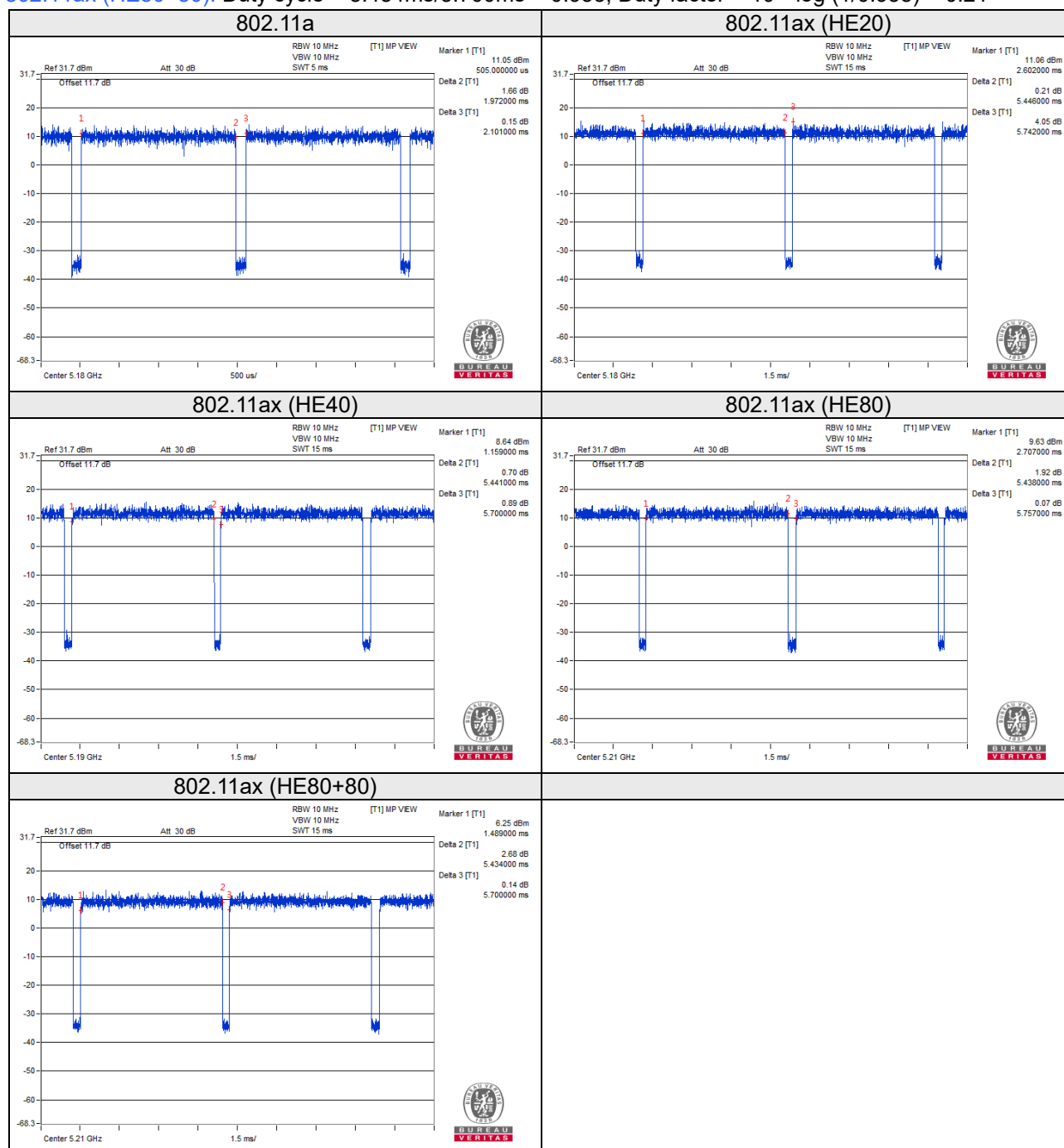
802.11a: Duty cycle = $1.972\text{ms}/2.101\text{ms} = 0.939$, Duty factor = $10 * \log(1/0.939) = 0.28$

802.11ax (HE20): Duty cycle = $5.446\text{ms}/5.742\text{ms} = 0.948$, Duty factor = $10 * \log(1/0.948) = 0.23$

802.11ax (HE40): Duty cycle = $5.441\text{ms}/5.700\text{ms} = 0.955$, Duty factor = $10 * \log(1/0.955) = 0.20$

802.11ax (HE80): Duty cycle = $5.438\text{ms}/5.757\text{ms} = 0.945$, Duty factor = $10 * \log(1/0.945) = 0.25$

802.11ax (HE80+80): Duty cycle = $5.434\text{ms}/5.700\text{ms} = 0.953$, Duty factor = $10 * \log(1/0.953) = 0.21$



Mode C

802.11a: Duty cycle = $1.975\text{ms}/2.098\text{ms} = 0.941$, Duty factor = $10 * \log(1/0.941) = 0.26$

802.11ax (HE20): Duty cycle = $5.445\text{ms}/5.685\text{ms} = 0.958$, Duty factor = $10 * \log(1/0.958) = 0.19$

802.11ax (HE40): Duty cycle = $5.438\text{ms}/5.742\text{ms} = 0.947$, Duty factor = $10 * \log(1/0.947) = 0.24$

802.11ax (HE80): Duty cycle = $5.437\text{ms}/5.760\text{ms} = 0.944$, Duty factor = $10 * \log(1/0.944) = 0.25$

802.11ax (HE80+80): Duty cycle = $5.434\text{ms}/5.700\text{ms} = 0.953$, Duty factor = $10 * \log(1/0.953) = 0.21$



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.

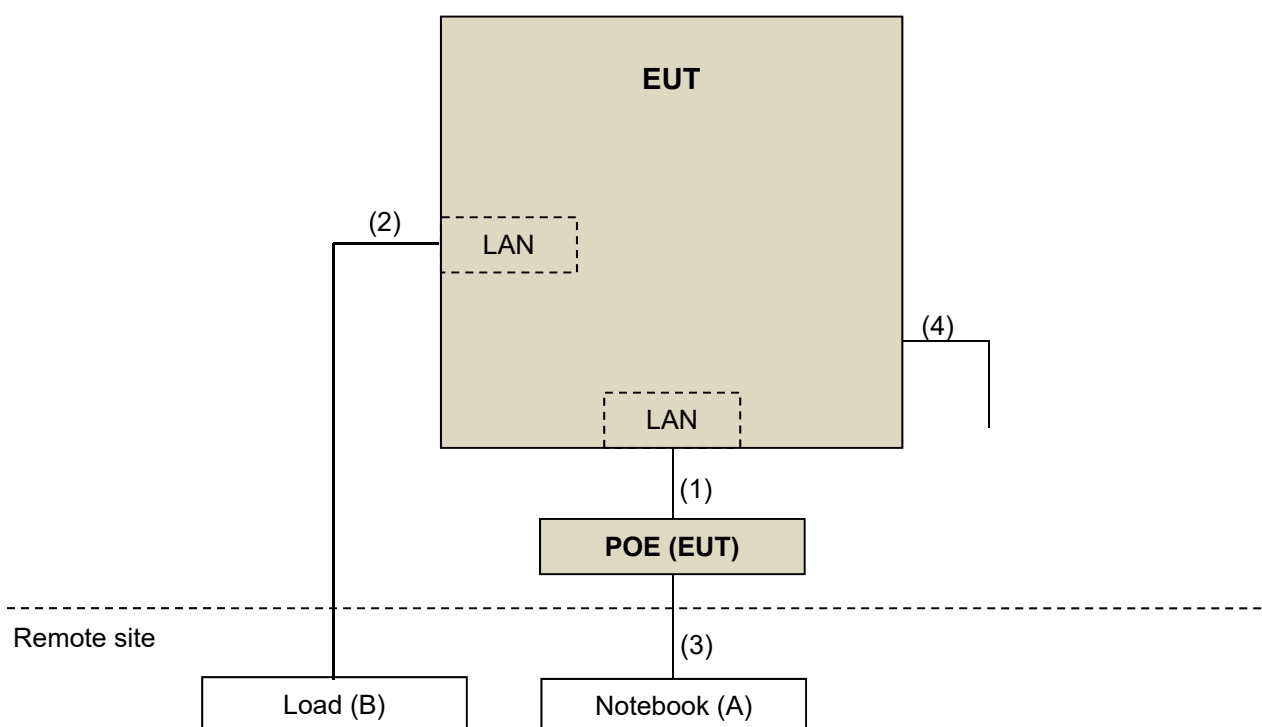
ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Notebook	Lenovo	20J4 MD A003TW	PF-11H9AK	FCC DoC Approved	-
B.	Load	NA	NA	NA	NA	-

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.	LAN	1	1.5	N	0	RJ45, Cat5e
2.	LAN	1	1.5	N	0	RJ45, Cat5e
3.	LAN	1	6	N	0	RJ45, Cat5e
4.	Console	1	1.5	N	0	-

3.4.1 Configuration of System under Test



3.5 General Description of Applied Standards

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

Test standard:

FCC Part 15, Subpart E (15.407)

ANSI C63.10:2013

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

References Test Guidance:

KDB 789033 D02 General UNII Test Procedure New Rules v02r01

KDB 662911 D01 Multiple Transmitter Output v02r01

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

4 Test Types and Results

4.1 Radiated Emission and Bandedge Measurement

4.1.1 Limits of Radiated Emission and Bandedge Measurement

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

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

Note:

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

Limits of unwanted emission out of the restricted bands

Applicable To			Limit	
789033 D02 General UNII Test Procedure New Rules v02r01			Field Strength at 3m	
			PK: 74 (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:

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

4.1.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver Rohde & Schwarz	N9038A	MY55420137	Apr. 09, 2021	Apr. 08, 2022
			Apr. 27, 2022	Apr. 26, 2023
Spectrum Analyzer KEYSIGHT	N9020B	MY60110440	Dec. 09, 2021	Dec. 08, 2022
BILOG Antenna SCHWARZBECK	VULB9168	9168-1213	Oct. 27, 2021	Oct. 26, 2022
HORN Antenna SCHWARZBECK	BBHA 9120 D	9120D-563	Nov. 14, 2021	Nov. 13, 2022
HORN Antenna SCHWARZBECK	BBHA 9170	9170-995	Nov. 14, 2021	Nov. 13, 2022
Loop Antenna EMCI	EM-6879	269	Sep. 16, 2021	Sep. 15, 2022
Preamplifier EMCI	EMC330N	980782	Jan. 19, 2021	Jan. 18, 2022
			Jan. 17, 2022	Jan. 16, 2023
Preamplifier EMCI	EMC118A45SE	980808	Dec. 30, 2021	Dec. 29, 2022
Preamplifier EMCI	EMC184045SE	980788	Jan. 19, 2021	Jan. 18, 2022
			Jan. 17, 2022	Jan. 16, 2023
RF signal cable EMCI	EMC104-SM-SM- (9000+2000+1000)	201243+ 201231+ 210102	Jan. 19, 2021	Jan. 18, 2022
			Jan. 17, 2022	Jan. 16, 2023
RF signal cable EMCI	EMCCFD400-NM- NM- (9000+300+500)	201236+ 201235+ 201233	Jan. 19, 2021	Jan. 18, 2022
			Jan. 17, 2022	Jan. 16, 2023
RF signal cable EMCI	EMC101G-KM-KM- (5000+3000+2000)	201260+201257+20125 4	Jan. 19, 2021	Jan. 18, 2022
			Jan. 17, 2022	Jan. 16, 2023
Software BV ADT	ADT_Radiated_V7. 6.15.9.5	NA	NA	NA
Antenna Tower Max-Full	MFT-151SS-0.5T	NA	NA	NA
Turn Table Max-Full	MF-7802BS	NA	NA	NA
Turn Table Controller Max-Full	MF-7802BS	MF780208674	NA	NA
Peak Power Analyzer KEYSIGHT	8990B	MY51000485	Jan. 19, 2021	Jan. 18, 2022
			Jan. 18, 2022	Jan. 17, 2023
Wideband Power Sensor KEYSIGHT	N1923A	MY58190002	May 05, 2021	May 04, 2022
			May 06, 2022	May 05, 2023

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 WM Chamber 8.

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:

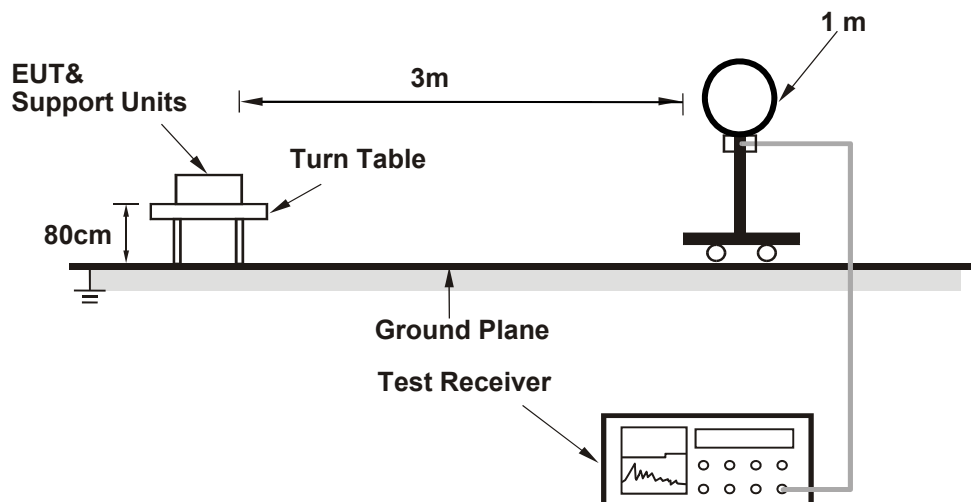
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.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

4.1.4 Deviation from Test Standard

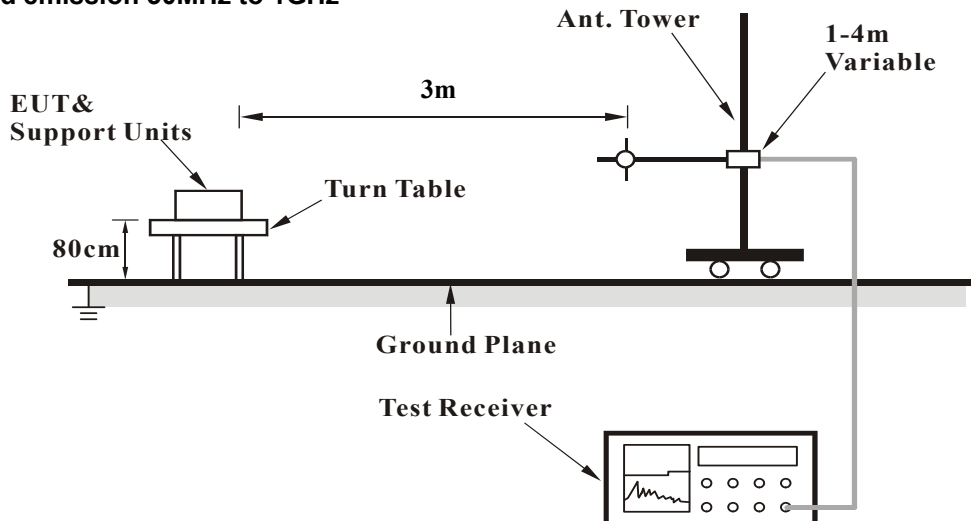
No deviation.

4.1.5 Test Setup

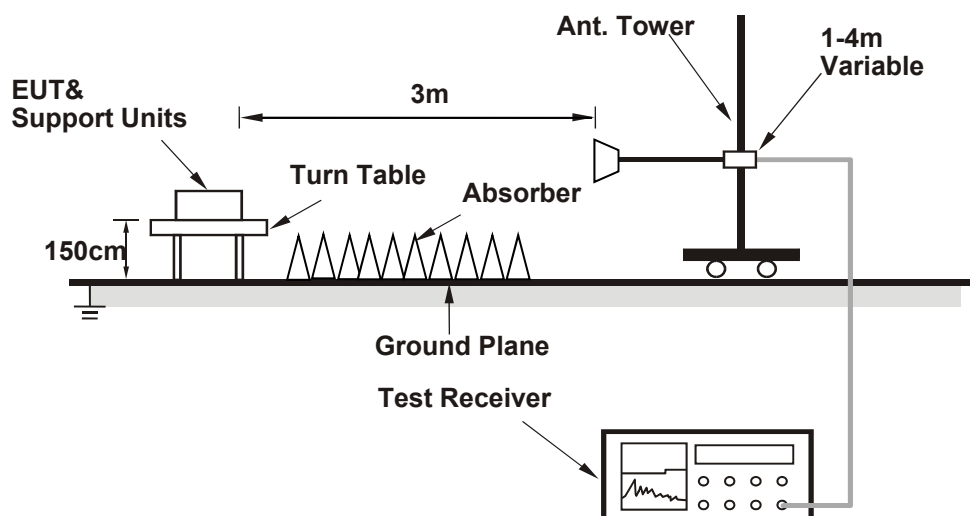
For Radiated emission below 30MHz



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

- Placed the EUT on the testing table.
- Prepared a notebook to act as a communication partner and placed it outside of testing area.
- 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.
- The communication partner sent data to EUT by command "PING".

4.1.7 Test Results

Mode A

Above 1GHz data:

RF Mode	TX 802.11a	Channel	CH 36 : 5180 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	56.46 PK	74.00	-17.54	1.56 H	221	53.60	2.86
2	5150.00	45.87 AV	54.00	-8.13	1.56 H	221	43.01	2.86
3	*5180.00	110.76 PK			1.48 H	216	70.42	40.34
4	*5180.00	102.66 AV			1.48 H	216	62.32	40.34
5	#10360.00	55.92 PK	68.20	-12.28	1.56 H	281	47.98	7.94
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	65.31 PK	74.00	-8.69	1.82 V	90	62.45	2.86
2	5150.00	53.10 AV	54.00	-0.90	1.82 V	90	50.24	2.86
3	*5180.00	124.70 PK			1.75 V	91	84.36	40.34
4	*5180.00	115.71 AV			1.75 V	91	75.37	40.34
5	#10360.00	55.03 PK	68.20	-13.17	1.72 V	96	47.09	7.94

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 40 : 5200 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	114.79 PK			1.59 H	88	74.47	40.32
2	*5200.00	106.08 AV			1.59 H	88	65.76	40.32
3	#10400.00	55.51 PK	68.20	-12.69	1.63 H	100	47.58	7.93
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	125.69 PK			1.90 V	217	85.37	40.32
2	*5200.00	116.86 AV			1.90 V	217	76.54	40.32
3	#10400.00	55.29 PK	68.20	-12.91	1.85 V	211	47.36	7.93

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 48 : 5240 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	113.58 PK			1.63 H	198	73.44	40.14
2	*5240.00	105.20 AV			1.63 H	198	65.06	40.14
3	5350.00	57.29 PK	74.00	-16.71	1.67 H	210	54.96	2.33
4	5350.00	45.28 AV	54.00	-8.72	1.67 H	210	42.95	2.33
5	#10480.00	55.44 PK	68.20	-12.76	1.55 H	185	47.65	7.79
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	125.64 PK			1.85 V	41	85.50	40.14
2	*5240.00	116.93 AV			1.85 V	41	76.79	40.14
3	5350.00	54.41 PK	74.00	-19.59	1.87 V	34	52.08	2.33
4	5350.00	46.37 AV	54.00	-7.63	1.87 V	34	44.04	2.33
5	#10480.00	55.42 PK	68.20	-12.78	1.89 V	45	47.63	7.79

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 52 : 5260 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	56.37 PK	74.00	-17.63	1.72 H	214	53.86	2.51
2	5150.00	45.03 AV	54.00	-8.97	1.72 H	214	42.52	2.51
3	*5260.00	101.02 PK			1.67 H	203	61.33	39.69
4	*5260.00	91.93 AV			1.67 H	203	52.24	39.69
5	#10520.00	54.99 PK	68.20	-13.21	1.77 H	314	47.56	7.43
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.29 PK	74.00	-16.71	1.97 V	146	54.78	2.51
2	5150.00	45.79 AV	54.00	-8.21	1.97 V	146	43.28	2.51
3	*5260.00	111.17 PK			1.93 V	162	71.48	39.69
4	*5260.00	102.00 AV			1.93 V	162	62.31	39.69
5	#10520.00	55.80 PK	68.20	-12.40	2.09 V	134	48.37	7.43

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 60 : 5300 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	101.22 PK			1.60 H	199	61.62	39.60
2	*5300.00	92.31 AV			1.60 H	199	52.71	39.60
3	10600.00	55.23 PK	74.00	-18.77	1.76 H	315	47.58	7.65
4	10600.00	43.19 AV	54.00	-10.81	1.76 H	315	35.54	7.65
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	111.92 PK			1.92 V	131	72.32	39.60
2	*5300.00	102.85 AV			1.92 V	131	63.25	39.60
3	10600.00	56.11 PK	74.00	-17.89	2.06 V	138	48.46	7.65
4	10600.00	44.50 AV	54.00	-9.50	2.06 V	138	36.85	7.65

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 64 : 5320 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	101.83 PK			1.76 H	184	62.17	39.66
2	*5320.00	92.68 AV			1.76 H	184	53.02	39.66
3	5350.00	55.71 PK	74.00	-18.29	1.67 H	178	53.87	1.84
4	5350.00	44.57 AV	54.00	-9.43	1.67 H	178	42.73	1.84
5	10640.00	55.27 PK	74.00	-18.73	1.89 H	326	47.52	7.75
6	10640.00	43.32 AV	54.00	-10.68	1.89 H	326	35.57	7.75
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	111.92 PK			1.82 V	249	72.26	39.66
2	*5320.00	102.77 AV			1.82 V	249	63.11	39.66
3	5350.00	56.47 PK	74.00	-17.53	1.92 V	167	54.63	1.84
4	5350.00	45.58 AV	54.00	-8.42	1.92 V	167	43.74	1.84
5	10640.00	56.09 PK	74.00	-17.91	2.15 V	148	48.34	7.75
6	10640.00	44.57 AV	54.00	-9.43	2.15 V	148	36.82	7.75

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 100 : 5500 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	54.84 PK	74.00	-19.16	1.10 H	174	53.06	1.78
2	5460.00	44.40 AV	54.00	-9.60	1.10 H	174	42.62	1.78
3	#5470.00	55.70 PK	68.20	-12.50	1.31 H	177	53.91	1.79
4	*5500.00	102.19 PK			1.45 H	180	62.19	40.00
5	*5500.00	93.47 AV			1.45 H	180	53.47	40.00
6	11000.00	53.06 PK	74.00	-20.94	1.54 H	149	45.96	7.10
7	11000.00	43.19 AV	54.00	-10.81	1.54 H	149	36.09	7.10
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	55.44 PK	74.00	-18.56	1.59 V	175	53.66	1.78
2	5460.00	44.54 AV	54.00	-9.46	1.59 V	175	42.76	1.78
3	#5470.00	56.07 PK	68.20	-12.13	1.52 V	182	54.28	1.79
4	*5500.00	110.88 PK			1.53 V	180	70.88	40.00
5	*5500.00	102.05 AV			1.53 V	180	62.05	40.00
6	11000.00	56.22 PK	74.00	-17.78	3.13 V	44	49.12	7.10
7	11000.00	51.85 AV	54.00	-2.15	3.13 V	44	44.75	7.10

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 116 : 5580 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	102.30 PK			1.49 H	191	61.83	40.47
2	*5580.00	92.76 AV			1.49 H	191	52.29	40.47
3	11160.00	54.26 PK	74.00	-19.74	1.35 H	146	45.90	8.36
4	11160.00	44.18 AV	54.00	-9.82	1.35 H	146	35.82	8.36
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	109.68 PK			1.43 V	141	69.21	40.47
2	*5580.00	100.72 AV			1.43 V	141	60.25	40.47
3	11160.00	56.85 PK	74.00	-17.15	3.26 V	43	48.49	8.36
4	11160.00	50.52 AV	54.00	-3.48	3.26 V	43	42.16	8.36

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 140 : 5700 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	103.28 PK			1.61 H	192	62.31	40.97
2	*5700.00	93.49 AV			1.61 H	192	52.52	40.97
3	#5725.00	56.52 PK	68.20	-11.68	1.65 H	194	53.35	3.17
4	11400.00	54.18 PK	74.00	-19.82	1.55 H	159	46.10	8.08
5	11400.00	42.71 AV	54.00	-11.29	1.55 H	159	34.63	8.08
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	109.14 PK			1.46 V	152	68.17	40.97
2	*5700.00	100.21 AV			1.46 V	152	59.24	40.97
3	#5725.00	56.78 PK	68.20	-11.42	1.48 V	140	53.61	3.17
4	11400.00	55.42 PK	74.00	-18.58	3.11 V	45	47.34	8.08
5	11400.00	48.02 AV	54.00	-5.98	3.11 V	45	39.94	8.08

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 144 : 5720 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	55.29 PK	68.20	-12.91	1.38 H	187	53.50	1.79
2	*5720.00	103.80 PK			1.41 H	193	62.66	41.14
3	*5720.00	93.74 AV			1.41 H	193	52.60	41.14
4	#5850.00	56.26 PK	68.20	-11.94	1.33 H	178	52.88	3.38
5	11440.00	54.56 PK	74.00	-19.44	1.52 H	145	46.31	8.25
6	11440.00	42.64 AV	54.00	-11.36	1.52 H	145	34.39	8.25
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	55.71 PK	68.20	-12.49	1.62 V	146	53.92	1.79
2	*5720.00	110.27 PK			1.65 V	148	69.13	41.14
3	*5720.00	100.90 AV			1.65 V	148	59.76	41.14
4	#5850.00	56.60 PK	68.20	-11.60	1.63 V	155	53.22	3.38
5	11440.00	55.26 PK	74.00	-18.74	3.06 V	44	47.01	8.25
6	11440.00	46.63 AV	54.00	-7.37	3.06 V	44	38.38	8.25

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5643.20	57.18 PK	68.20	-11.02	1.67 H	195	54.30	2.88
2	*5745.00	113.44 PK			1.67 H	195	72.07	41.37
3	*5745.00	103.49 AV			1.67 H	195	62.12	41.37
4	#5977.20	58.07 PK	68.20	-10.13	1.67 H	195	54.49	3.58
5	11490.00	56.29 PK	74.00	-17.71	1.79 H	334	47.83	8.46
6	11490.00	44.20 AV	54.00	-9.80	1.79 H	334	35.74	8.46
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5645.60	58.43 PK	68.20	-9.77	1.56 V	183	55.52	2.91
2	*5745.00	123.39 PK			1.56 V	183	82.02	41.37
3	*5745.00	113.42 AV			1.56 V	183	72.05	41.37
4	#5932.40	59.05 PK	68.20	-9.15	1.56 V	183	55.70	3.35
5	11490.00	57.19 PK	74.00	-16.81	2.26 V	157	48.73	8.46
6	11490.00	45.59 AV	54.00	-8.41	2.26 V	157	37.13	8.46

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5600.40	56.51 PK	68.20	-11.69	1.60 H	199	53.97	2.54
2	*5785.00	114.68 PK			1.60 H	199	73.16	41.52
3	*5785.00	104.66 AV			1.60 H	199	63.14	41.52
4	#5982.80	57.65 PK	68.20	-10.55	1.60 H	199	54.03	3.62
5	11570.00	56.38 PK	74.00	-17.62	1.77 H	318	47.82	8.56
6	11570.00	44.34 AV	54.00	-9.66	1.77 H	318	35.78	8.56
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5618.00	60.47 PK	68.20	-7.73	1.51 V	142	57.79	2.68
2	*5785.00	123.89 PK			1.51 V	142	82.37	41.52
3	*5785.00	114.36 AV			1.51 V	142	72.84	41.52
4	#5972.80	61.10 PK	68.20	-7.10	1.51 V	142	57.55	3.55
5	11570.00	57.43 PK	74.00	-16.57	2.03 V	154	48.87	8.56
6	11570.00	45.77 AV	54.00	-8.23	2.03 V	154	37.21	8.56

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 165 : 5825 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5621.20	58.58 PK	68.20	-9.62	1.71 H	196	55.87	2.71
2	*5825.00	113.15 PK			1.71 H	196	71.56	41.59
3	*5825.00	103.13 AV			1.71 H	196	61.54	41.59
4	#5953.60	59.65 PK	68.20	-8.55	1.71 H	196	56.22	3.43
5	11650.00	56.27 PK	74.00	-17.73	1.83 H	331	47.63	8.64
6	11650.00	44.21 AV	54.00	-9.79	1.83 H	331	35.57	8.64
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5625.60	59.62 PK	68.20	-8.58	1.66 V	183	56.88	2.74
2	*5825.00	122.93 PK			1.66 V	183	81.34	41.59
3	*5825.00	112.95 AV			1.66 V	183	71.36	41.59
4	#5924.40	58.68 PK	68.64	-9.96	1.66 V	183	55.34	3.34
5	11650.00	57.17 PK	74.00	-16.83	2.17 V	146	48.53	8.64
6	11650.00	45.58 AV	54.00	-8.42	2.17 V	146	36.94	8.64

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 36 : 5180 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	56.98 PK	74.00	-17.02	1.97 H	63	54.12	2.86
2	5150.00	46.29 AV	54.00	-7.71	1.97 H	63	43.43	2.86
3	*5180.00	113.79 PK			1.90 H	52	73.45	40.34
4	*5180.00	102.50 AV			1.90 H	52	62.16	40.34
5	#10360.00	55.30 PK	68.20	-12.90	1.82 H	41	47.36	7.94
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	66.98 PK	74.00	-7.02	1.76 V	252	64.12	2.86
2	5150.00	53.66 AV	54.00	-0.34	1.76 V	252	50.80	2.86
3	*5180.00	125.53 PK			1.75 V	239	85.19	40.34
4	*5180.00	113.83 AV			1.75 V	239	73.49	40.34
5	#10360.00	55.46 PK	68.20	-12.74	1.58 V	241	47.52	7.94

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 40 : 5200 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	116.73 PK			1.84 H	77	76.41	40.32
2	*5200.00	105.75 AV			1.84 H	77	65.43	40.32
3	#10400.00	55.29 PK	68.20	-12.91	1.89 H	64	47.36	7.93
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	127.07 PK			1.80 V	189	86.75	40.32
2	*5200.00	116.90 AV			1.80 V	189	76.58	40.32
3	#10400.00	55.45 PK	68.20	-12.75	1.85 V	214	47.52	7.93

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 48 : 5240 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.51 PK	74.00	-13.49	1.56 H	48	57.65	2.86
2	5150.00	47.86 AV	54.00	-6.14	1.56 H	48	45.00	2.86
3	*5240.00	108.59 PK			1.57 H	54	68.45	40.14
4	*5240.00	99.93 AV			1.57 H	54	59.79	40.14
5	#10480.00	55.15 PK	68.20	-13.05	1.65 H	48	47.36	7.79
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	62.92 PK	74.00	-11.08	1.74 V	252	60.06	2.86
2	5150.00	51.68 AV	54.00	-2.32	1.74 V	252	48.82	2.86
3	*5240.00	127.93 PK			1.74 V	200	87.79	40.14
4	*5240.00	117.28 AV			1.74 V	200	77.14	40.14
5	#10480.00	55.35 PK	68.20	-12.85	1.65 V	241	47.56	7.79

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 52 : 5260 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.34 PK	74.00	-16.66	1.58 H	203	54.83	2.51
2	5150.00	45.15 AV	54.00	-8.85	1.58 H	203	42.64	2.51
3	*5260.00	104.56 PK			1.63 H	213	64.87	39.69
4	*5260.00	93.01 AV			1.63 H	213	53.32	39.69
5	#10520.00	55.05 PK	68.20	-13.15	1.82 H	334	47.62	7.43
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.25 PK	74.00	-15.75	1.86 V	253	55.74	2.51
2	5150.00	45.84 AV	54.00	-8.16	1.86 V	253	43.33	2.51
3	*5260.00	114.67 PK			1.91 V	247	74.98	39.69
4	*5260.00	103.12 AV			1.91 V	247	63.43	39.69
5	#10520.00	56.10 PK	68.20	-12.10	2.24 V	135	48.67	7.43

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 60 : 5300 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	103.78 PK			1.53 H	197	64.18	39.60
2	*5300.00	93.18 AV			1.53 H	197	53.58	39.60
3	10600.00	55.28 PK	74.00	-18.72	1.77 H	312	47.63	7.65
4	10600.00	43.24 AV	54.00	-10.76	1.77 H	312	35.59	7.65
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	114.76 PK			1.94 V	243	75.16	39.60
2	*5300.00	103.24 AV			1.94 V	243	63.64	39.60
3	10600.00	56.32 PK	74.00	-17.68	2.23 V	154	48.67	7.65
4	10600.00	44.57 AV	54.00	-9.43	2.23 V	154	36.92	7.65

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 64 : 5320 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	104.42 PK			1.68 H	195	64.76	39.66
2	*5320.00	92.97 AV			1.68 H	195	53.31	39.66
3	5350.00	56.77 PK	74.00	-17.23	1.73 H	204	54.93	1.84
4	5350.00	44.69 AV	54.00	-9.31	1.73 H	204	42.85	1.84
5	10640.00	55.23 PK	74.00	-18.77	1.79 H	331	47.48	7.75
6	10640.00	43.27 AV	54.00	-10.73	1.79 H	331	35.52	7.75
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	114.62 PK			1.87 V	247	74.96	39.66
2	*5320.00	103.08 AV			1.87 V	247	63.42	39.66
3	5350.00	57.68 PK	74.00	-16.32	1.96 V	241	55.84	1.84
4	5350.00	45.52 AV	54.00	-8.48	1.96 V	241	43.68	1.84
5	10640.00	56.27 PK	74.00	-17.73	1.98 V	135	48.52	7.75
6	10640.00	44.58 AV	54.00	-9.42	1.98 V	135	36.83	7.75

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 100 : 5500 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	54.70 PK	74.00	-19.30	1.37 H	182	52.92	1.78
2	5460.00	44.14 AV	54.00	-9.86	1.37 H	182	42.36	1.78
3	#5470.00	55.55 PK	68.20	-12.65	1.43 H	190	53.76	1.79
4	*5500.00	104.21 PK			1.39 H	185	64.21	40.00
5	*5500.00	93.78 AV			1.39 H	185	53.78	40.00
6	11000.00	52.97 PK	74.00	-21.03	1.37 H	147	45.87	7.10
7	11000.00	43.69 AV	54.00	-10.31	1.37 H	147	36.59	7.10
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	54.86 PK	74.00	-19.14	1.68 V	186	53.08	1.78
2	5460.00	44.55 AV	54.00	-9.45	1.68 V	186	42.77	1.78
3	#5470.00	56.26 PK	68.20	-11.94	1.69 V	188	54.47	1.79
4	*5500.00	113.88 PK			1.65 V	181	73.88	40.00
5	*5500.00	101.57 AV			1.65 V	181	61.57	40.00
6	11000.00	56.56 PK	74.00	-17.44	3.15 V	43	49.46	7.10
7	11000.00	52.25 AV	54.00	-1.75	3.15 V	43	45.15	7.10

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 116 : 5580 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	104.70 PK			1.43 H	191	64.23	40.47
2	*5580.00	92.87 AV			1.43 H	191	52.40	40.47
3	11160.00	55.47 PK	74.00	-18.53	1.41 H	143	47.11	8.36
4	11160.00	44.63 AV	54.00	-9.37	1.41 H	143	36.27	8.36
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	113.57 PK			1.50 V	144	73.10	40.47
2	*5580.00	101.31 AV			1.50 V	144	60.84	40.47
3	11160.00	56.48 PK	74.00	-17.52	3.76 V	48	48.12	8.36
4	11160.00	50.12 AV	54.00	-3.88	3.76 V	48	41.76	8.36

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 140 : 5700 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	104.62 PK			1.45 H	183	63.65	40.97
2	*5700.00	93.66 AV			1.45 H	183	52.69	40.97
3	#5725.00	56.41 PK	68.20	-11.79	1.44 H	175	53.24	3.17
4	11400.00	53.61 PK	74.00	-20.39	1.49 H	150	45.53	8.08
5	11400.00	42.53 AV	54.00	-11.47	1.49 H	150	34.45	8.08
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	112.57 PK			1.60 V	153	71.60	40.97
2	*5700.00	100.26 AV			1.60 V	153	59.29	40.97
3	#5725.00	56.64 PK	68.20	-11.56	1.58 V	155	53.47	3.17
4	11400.00	56.03 PK	74.00	-17.97	3.28 V	46	47.95	8.08
5	11400.00	48.26 AV	54.00	-5.74	3.28 V	46	40.18	8.08

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 144 : 5720 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	55.45 PK	68.20	-12.75	1.48 H	169	53.66	1.79
2	*5720.00	104.62 PK			1.51 H	173	63.48	41.14
3	*5720.00	93.90 AV			1.51 H	173	52.76	41.14
4	#5850.00	56.30 PK	68.20	-11.90	1.55 H	176	52.92	3.38
5	11440.00	54.07 PK	74.00	-19.93	1.57 H	153	45.82	8.25
6	11440.00	42.78 AV	54.00	-11.22	1.57 H	153	34.53	8.25
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	55.64 PK	68.20	-12.56	1.58 V	149	53.85	1.79
2	*5720.00	112.94 PK			1.44 V	165	71.80	41.14
3	*5720.00	100.61 AV			1.44 V	165	59.47	41.14
4	#5850.00	56.71 PK	68.20	-11.49	1.52 V	162	53.33	3.38
5	11440.00	55.68 PK	74.00	-18.32	3.19 V	42	47.43	8.25
6	11440.00	46.91 AV	54.00	-7.09	3.19 V	42	38.66	8.25

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 149 : 5745 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5639.20	58.06 PK	68.20	-10.14	1.78 H	191	55.20	2.86
2	*5745.00	115.04 PK			1.78 H	191	73.67	41.37
3	*5745.00	102.11 AV			1.78 H	191	60.74	41.37
4	#5986.80	59.13 PK	68.20	-9.07	1.78 H	191	55.49	3.64
5	11490.00	56.05 PK	74.00	-17.95	1.93 H	325	47.59	8.46
6	11490.00	43.98 AV	54.00	-10.02	1.93 H	325	35.52	8.46
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5626.40	59.53 PK	68.20	-8.67	1.55 V	136	56.78	2.75
2	*5745.00	125.20 PK			1.55 V	136	83.83	41.37
3	*5745.00	112.19 AV			1.55 V	136	70.82	41.37
4	#5949.60	58.32 PK	68.20	-9.88	1.55 V	136	54.92	3.40
5	11490.00	56.89 PK	74.00	-17.11	2.12 V	143	48.43	8.46
6	11490.00	45.37 AV	54.00	-8.63	2.12 V	143	36.91	8.46

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 157 : 5785 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5640.80	58.09 PK	68.20	-10.11	1.68 H	196	55.22	2.87
2	*5785.00	115.93 PK			1.68 H	196	74.41	41.52
3	*5785.00	103.11 AV			1.68 H	196	61.59	41.52
4	#5988.80	60.16 PK	68.20	-8.04	1.68 H	196	56.50	3.66
5	11570.00	56.29 PK	74.00	-17.71	1.84 H	327	47.73	8.56
6	11570.00	44.12 AV	54.00	-9.88	1.84 H	327	35.56	8.56
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5606.80	57.84 PK	68.20	-10.36	1.71 V	144	55.24	2.60
2	*5785.00	125.76 PK			1.71 V	144	84.24	41.52
3	*5785.00	112.91 AV			1.71 V	144	71.39	41.52
4	#5951.60	59.35 PK	68.20	-8.85	1.71 V	144	55.93	3.42
5	11570.00	57.14 PK	74.00	-16.86	2.25 V	151	48.58	8.56
6	11570.00	45.53 AV	54.00	-8.47	2.25 V	151	36.97	8.56

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 165 : 5825 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5646.80	57.12 PK	68.20	-11.08	1.58 H	186	54.20	2.92
2	*5825.00	115.44 PK			1.58 H	186	73.85	41.59
3	*5825.00	102.56 AV			1.58 H	186	60.97	41.59
4	#5962.40	59.07 PK	68.20	-9.13	1.58 H	186	55.59	3.48
5	11650.00	56.07 PK	74.00	-17.93	1.85 H	313	47.43	8.64
6	11650.00	44.03 AV	54.00	-9.97	1.85 H	313	35.39	8.64
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5632.80	58.59 PK	68.20	-9.61	1.72 V	256	55.78	2.81
2	*5825.00	125.72 PK			1.72 V	256	84.13	41.59
3	*5825.00	112.78 AV			1.72 V	256	71.19	41.59
4	#5994.40	57.58 PK	68.20	-10.62	1.72 V	256	53.89	3.69
5	11650.00	57.07 PK	74.00	-16.93	2.28 V	149	48.43	8.64
6	11650.00	45.48 AV	54.00	-8.52	2.28 V	149	36.84	8.64

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 38 : 5190 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.22 PK	74.00	-16.78	1.77 H	271	54.36	2.86
2	5150.00	45.62 AV	54.00	-8.38	1.77 H	271	42.76	2.86
3	*5190.00	108.14 PK			1.78 H	276	67.81	40.33
4	*5190.00	97.12 AV			1.78 H	276	56.79	40.33
5	#10380.00	55.25 PK	68.20	-12.95	1.85 H	241	47.31	7.94
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	63.80 PK	74.00	-10.20	1.75 V	210	60.94	2.86
2	5150.00	53.42 AV	54.00	-0.58	1.75 V	210	50.56	2.86
3	*5190.00	121.86 PK			1.74 V	208	81.53	40.33
4	*5190.00	111.95 AV			1.74 V	208	71.62	40.33
5	#10380.00	55.46 PK	68.20	-12.74	1.85 V	201	47.52	7.94

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 46 : 5230 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.20 PK	74.00	-15.80	1.70 H	312	55.34	2.86
2	5150.00	45.76 AV	54.00	-8.24	1.70 H	312	42.90	2.86
3	*5230.00	112.18 PK			1.64 H	303	72.00	40.18
4	*5230.00	101.62 AV			1.64 H	303	61.44	40.18
5	#10460.00	56.03 PK	68.20	-12.17	1.65 H	321	48.21	7.82
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	63.54 PK	74.00	-10.46	1.75 V	241	60.68	2.86
2	5150.00	53.52 AV	54.00	-0.48	1.75 V	241	50.66	2.86
3	*5230.00	123.16 PK			1.75 V	241	82.98	40.18
4	*5230.00	113.98 AV			1.75 V	241	73.80	40.18
5	#10460.00	56.03 PK	68.20	-12.17	1.85 V	223	48.21	7.82

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 54 : 5270 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.34 PK	74.00	-16.66	1.66 H	207	54.83	2.51
2	5150.00	45.03 AV	54.00	-8.97	1.66 H	207	42.52	2.51
3	*5270.00	103.51 PK			1.57 H	198	63.84	39.67
4	*5270.00	92.64 AV			1.57 H	198	52.97	39.67
5	#10540.00	54.71 PK	68.20	-13.49	1.89 H	319	47.23	7.48
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.14 PK	74.00	-15.86	1.93 V	146	55.63	2.51
2	5150.00	45.78 AV	54.00	-8.22	1.93 V	146	43.27	2.51
3	*5270.00	113.61 PK			1.88 V	138	73.94	39.67
4	*5270.00	102.73 AV			1.88 V	138	63.06	39.67
5	#10540.00	55.21 PK	68.20	-12.99	2.24 V	157	47.73	7.48

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 62 : 5310 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	104.06 PK			1.74 H	196	64.43	39.63
2	*5310.00	93.00 AV			1.74 H	196	53.37	39.63
3	5350.00	57.26 PK	74.00	-16.74	1.79 H	202	55.42	1.84
4	5350.00	45.19 AV	54.00	-8.81	1.79 H	202	43.35	1.84
5	10620.00	54.27 PK	74.00	-19.73	1.82 H	336	46.57	7.70
6	10620.00	43.12 AV	54.00	-10.88	1.82 H	336	35.42	7.70
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	114.42 PK			1.81 V	138	74.79	39.63
2	*5310.00	103.15 AV			1.81 V	138	63.52	39.63
3	5350.00	59.19 PK	74.00	-14.81	1.67 V	131	57.35	1.84
4	5350.00	47.29 AV	54.00	-6.71	1.67 V	131	45.45	1.84
5	10620.00	55.12 PK	74.00	-18.88	2.15 V	153	47.42	7.70
6	10620.00	44.07 AV	54.00	-9.93	2.15 V	153	36.37	7.70

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 102 : 5510 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	54.76 PK	74.00	-19.24	1.37 H	174	52.98	1.78
2	5460.00	44.34 AV	54.00	-9.66	1.37 H	174	42.56	1.78
3	#5470.00	56.27 PK	68.20	-11.93	1.53 H	179	54.48	1.79
4	*5510.00	104.55 PK			1.49 H	183	64.49	40.06
5	*5510.00	93.58 AV			1.49 H	183	53.52	40.06
6	11020.00	52.02 PK	74.00	-21.98	1.51 H	148	44.72	7.30
7	11020.00	42.93 AV	54.00	-11.07	1.51 H	148	35.63	7.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	55.82 PK	74.00	-18.18	1.50 V	152	54.04	1.78
2	5460.00	44.90 AV	54.00	-9.10	1.50 V	152	43.12	1.78
3	#5470.00	57.26 PK	68.20	-10.94	1.56 V	148	55.47	1.79
4	*5510.00	114.00 PK			1.51 V	143	73.94	40.06
5	*5510.00	102.46 AV			1.51 V	143	62.40	40.06
6	11020.00	55.92 PK	74.00	-18.08	3.41 V	45	48.62	7.30
7	11020.00	51.26 AV	54.00	-2.74	3.41 V	45	43.96	7.30

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 110 : 5550 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5550.00	104.75 PK			1.55 H	190	64.42	40.33
2	*5550.00	93.06 AV			1.55 H	190	52.73	40.33
3	11100.00	53.51 PK	74.00	-20.49	1.32 H	146	45.42	8.09
4	11100.00	43.50 AV	54.00	-10.50	1.32 H	146	35.41	8.09
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5550.00	114.29 PK			1.54 V	152	73.96	40.33
2	*5550.00	102.42 AV			1.54 V	152	62.09	40.33
3	11100.00	55.43 PK	74.00	-18.57	3.90 V	41	47.34	8.09
4	11100.00	49.60 AV	54.00	-4.40	3.90 V	41	41.51	8.09

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 134 : 5670 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	104.16 PK			1.49 H	172	63.20	40.96
2	*5670.00	93.29 AV			1.49 H	172	52.33	40.96
3	#5725.00	56.98 PK	68.20	-11.22	1.43 H	170	53.81	3.17
4	11340.00	52.90 PK	74.00	-21.10	1.61 H	148	44.48	8.42
5	11340.00	42.80 AV	54.00	-11.20	1.61 H	148	34.38	8.42
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	112.45 PK			1.60 V	153	71.49	40.96
2	*5670.00	100.91 AV			1.60 V	153	59.95	40.96
3	#5725.00	57.28 PK	68.20	-10.92	1.58 V	155	54.11	3.17
4	11340.00	55.13 PK	74.00	-18.87	3.57 V	40	46.71	8.42
5	11340.00	47.85 AV	54.00	-6.15	3.57 V	40	39.43	8.42

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 142 : 5710 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	55.23 PK	68.20	-12.97	1.38 H	176	53.44	1.79
2	*5710.00	104.43 PK			1.43 H	183	63.37	41.06
3	*5710.00	93.82 AV			1.43 H	183	52.76	41.06
4	#5850.00	56.48 PK	68.20	-11.72	1.40 H	189	53.10	3.38
5	11420.00	52.99 PK	74.00	-21.01	1.57 H	155	44.83	8.16
6	11420.00	42.81 AV	54.00	-11.19	1.57 H	155	34.65	8.16
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	55.71 PK	68.20	-12.49	1.61 V	152	53.92	1.79
2	*5710.00	112.91 PK			1.57 V	154	71.85	41.06
3	*5710.00	101.67 AV			1.57 V	154	60.61	41.06
4	#5850.00	56.61 PK	68.20	-11.59	1.67 V	155	53.23	3.38
5	11420.00	54.25 PK	74.00	-19.75	3.06 V	45	46.09	8.16
6	11420.00	46.20 AV	54.00	-7.80	3.06 V	45	38.04	8.16

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 151 : 5755 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5601.20	56.63 PK	68.20	-11.57	1.70 H	183	54.08	2.55
2	*5755.00	113.16 PK			1.70 H	183	71.73	41.43
3	*5755.00	101.11 AV			1.70 H	183	59.68	41.43
4	#5961.60	57.78 PK	68.20	-10.42	1.70 H	183	54.30	3.48
5	11510.00	55.64 PK	74.00	-18.36	1.83 H	316	47.14	8.50
6	11510.00	43.83 AV	54.00	-10.17	1.83 H	316	35.33	8.50
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5634.80	58.53 PK	68.20	-9.67	1.79 V	258	55.70	2.83
2	*5755.00	122.77 PK			1.79 V	258	81.34	41.43
3	*5755.00	110.92 AV			1.79 V	258	69.49	41.43
4	#5946.40	58.40 PK	68.20	-9.80	1.79 V	258	55.01	3.39
5	11510.00	56.74 PK	74.00	-17.26	2.34 V	162	48.24	8.50
6	11510.00	45.14 AV	54.00	-8.86	2.34 V	162	36.64	8.50

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 159 : 5795 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5636.80	57.99 PK	68.20	-10.21	1.74 H	203	55.15	2.84
2	*5795.00	113.62 PK			1.74 H	203	72.06	41.56
3	*5795.00	101.50 AV			1.74 H	203	59.94	41.56
4	#5955.60	57.80 PK	68.20	-10.40	1.74 H	203	54.36	3.44
5	11590.00	55.82 PK	74.00	-18.18	1.93 H	337	47.24	8.58
6	11590.00	43.75 AV	54.00	-10.25	1.93 H	337	35.17	8.58
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5616.40	59.60 PK	68.20	-8.60	1.90 V	259	56.93	2.67
2	*5795.00	123.29 PK			1.90 V	259	81.73	41.56
3	*5795.00	111.11 AV			1.90 V	259	69.55	41.56
4	#5992.00	58.64 PK	68.20	-9.56	1.90 V	259	54.97	3.67
5	11590.00	56.56 PK	74.00	-17.44	2.27 V	139	47.98	8.58
6	11590.00	45.12 AV	54.00	-8.88	2.27 V	139	36.54	8.58

Remarks:

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

RF Mode	TX 802.11ax (HE80)	Channel	CH 42 : 5210 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.29 PK	74.00	-15.71	1.58 H	315	55.43	2.86
2	5150.00	45.89 AV	54.00	-8.11	1.58 H	315	43.03	2.86
3	*5210.00	103.87 PK			1.54 H	302	63.60	40.27
4	*5210.00	93.68 AV			1.54 H	302	53.41	40.27
5	#10420.00	55.28 PK	68.20	-12.92	1.64 H	317	47.39	7.89
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	63.32 PK	74.00	-10.68	1.58 V	214	60.46	2.86
2	5150.00	52.90 AV	54.00	-1.10	1.58 V	214	50.04	2.86
3	*5210.00	115.09 PK			1.61 V	201	74.82	40.27
4	*5210.00	104.40 AV			1.61 V	201	64.13	40.27
5	#10420.00	55.25 PK	68.20	-12.95	1.81 V	211	47.36	7.89

Remarks:

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

RF Mode	TX 802.11ax (HE80)	Channel	CH 58 : 5290 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5290.00	102.22 PK			1.73 H	196	62.59	39.63
2	*5290.00	91.10 AV			1.73 H	196	51.47	39.63
3	5350.00	59.47 PK	74.00	-14.53	1.82 H	202	57.63	1.84
4	5350.00	48.59 AV	54.00	-5.41	1.82 H	202	46.75	1.84
5	#10580.00	54.57 PK	68.20	-13.63	1.82 H	331	46.98	7.59
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5290.00	112.25 PK			1.88 V	138	72.62	39.63
2	*5290.00	101.17 AV			1.88 V	138	61.54	39.63
3	5350.00	60.74 PK	74.00	-13.26	1.94 V	147	58.90	1.84
4	5350.00	49.76 AV	54.00	-4.24	1.94 V	147	47.92	1.84
5	#10580.00	54.91 PK	68.20	-13.29	2.18 V	142	47.32	7.59

Remarks:

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

RF Mode	TX 802.11ax (HE80)	Channel	CH 106 : 5530 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	54.65 PK	74.00	-19.35	1.46 H	187	52.87	1.78
2	5460.00	44.38 AV	54.00	-9.62	1.46 H	187	42.60	1.78
3	#5470.00	55.31 PK	68.20	-12.89	1.41 H	183	53.52	1.79
4	*5530.00	103.18 PK			1.44 H	181	62.98	40.20
5	*5530.00	92.20 AV			1.44 H	181	52.00	40.20
6	#5725.00	56.33 PK	68.20	-11.87	1.40 H	178	53.16	3.17
7	11060.00	51.66 PK	74.00	-22.34	1.62 H	151	43.97	7.69
8	11060.00	42.53 AV	54.00	-11.47	1.62 H	151	34.84	7.69
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.86 PK	74.00	-16.14	1.62 V	180	56.08	1.78
2	5460.00	46.54 AV	54.00	-7.46	1.62 V	180	44.76	1.78
3	#5470.00	57.12 PK	68.20	-11.08	1.66 V	185	55.33	1.79
4	*5530.00	112.68 PK			1.60 V	182	72.48	40.20
5	*5530.00	101.35 AV			1.60 V	182	61.15	40.20
6	#5725.00	57.85 PK	68.20	-10.35	1.64 V	178	54.68	3.17
7	11060.00	53.29 PK	74.00	-20.71	3.63 V	42	45.60	7.69
8	11060.00	50.15 AV	54.00	-3.85	3.63 V	42	42.46	7.69

Remarks:

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

RF Mode	TX 802.11ax (HE80)	Channel	CH 122 : 5610 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	55.02 PK	74.00	-18.98	1.49 H	188	53.24	1.78
2	5460.00	44.31 AV	54.00	-9.69	1.49 H	188	42.53	1.78
3	#5470.00	56.02 PK	68.20	-12.18	1.56 H	190	54.23	1.79
4	*5610.00	104.39 PK			1.44 H	182	63.75	40.64
5	*5610.00	93.86 AV			1.44 H	182	53.22	40.64
6	#5725.00	57.32 PK	68.20	-10.88	1.42 H	186	54.15	3.17
7	11220.00	52.78 PK	74.00	-21.22	1.62 H	155	44.22	8.56
8	11220.00	43.68 AV	54.00	-10.32	1.62 H	155	35.12	8.56
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	55.58 PK	74.00	-18.42	1.55 V	188	53.80	1.78
2	5460.00	46.46 AV	54.00	-7.54	1.55 V	188	44.68	1.78
3	#5470.00	56.75 PK	68.20	-11.45	1.58 V	175	54.96	1.79
4	*5610.00	112.21 PK			1.53 V	151	71.57	40.64
5	*5610.00	101.48 AV			1.53 V	151	60.84	40.64
6	#5725.00	57.36 PK	68.20	-10.84	1.61 V	156	54.19	3.17
7	11220.00	54.10 PK	74.00	-19.90	3.80 V	47	45.54	8.56
8	11220.00	50.02 AV	54.00	-3.98	3.80 V	47	41.46	8.56

Remarks:

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

RF Mode	TX 802.11ax (HE80)	Channel	CH 138 : 5690 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	55.26 PK	68.20	-12.94	1.56 H	177	53.47	1.79
2	*5690.00	104.62 PK			1.52 H	173	63.66	40.96
3	*5690.00	93.85 AV			1.52 H	173	52.89	40.96
4	#5850.00	56.60 PK	68.20	-11.60	1.50 H	179	53.22	3.38
5	11380.00	51.93 PK	74.00	-22.07	1.52 H	140	43.74	8.19
6	11380.00	42.72 AV	54.00	-11.28	1.52 H	140	34.53	8.19
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	56.72 PK	68.20	-11.48	1.52 V	154	54.93	1.79
2	*5690.00	112.18 PK			1.48 V	153	71.22	40.96
3	*5690.00	101.28 AV			1.48 V	153	60.32	40.96
4	#5850.00	56.94 PK	68.20	-11.26	1.47 V	150	53.56	3.38
5	11380.00	52.33 PK	74.00	-21.67	3.45 V	48	44.14	8.19
6	11380.00	46.91 AV	54.00	-7.09	3.45 V	48	38.72	8.19

Remarks:

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

RF Mode	TX 802.11ax (HE80)	Channel	CH 155 : 5775 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5634.80	57.00 PK	68.20	-11.20	1.64 H	189	54.17	2.83
2	*5775.00	104.77 PK			1.64 H	189	63.28	41.49
3	*5775.00	94.53 AV			1.64 H	189	53.04	41.49
4	#5932.40	58.00 PK	68.20	-10.20	1.64 H	189	54.65	3.35
5	11550.00	55.50 PK	74.00	-18.50	1.93 H	334	46.96	8.54
6	11550.00	43.66 AV	54.00	-10.34	1.93 H	334	35.12	8.54
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5622.00	59.59 PK	68.20	-8.61	1.86 V	258	56.87	2.72
2	*5775.00	114.80 PK			1.86 V	258	73.31	41.49
3	*5775.00	104.61 AV			1.86 V	258	63.12	41.49
4	#5931.20	59.13 PK	68.20	-9.07	1.86 V	258	55.77	3.36
5	11550.00	56.38 PK	74.00	-17.62	2.14 V	155	47.84	8.54
6	11550.00	44.81 AV	54.00	-9.19	2.14 V	155	36.27	8.54

Remarks:

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

RF Mode	TX 802.11ax (HE80+80)	Channel	CH 42+58 : 5210MHz+5290 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5050.00	58.16 PK	74.00	-15.84	1.48 H	45	56.00	2.16
2	5050.00	44.26 AV	54.00	-9.74	1.48 H	45	42.10	2.16
3	5150.00	58.30 PK	74.00	-15.70	1.59 H	41	55.90	2.40
4	5150.00	44.80 AV	54.00	-9.20	1.59 H	41	42.40	2.40
5	*5210.00	98.31 PK			1.41 H	50	58.10	40.21
6	*5210.00	85.11 AV			1.41 H	50	44.90	40.21
7	*5290.00	98.52 PK			1.83 H	9	58.50	40.02
8	*5290.00	86.02 AV			1.83 H	9	46.00	40.02
9	5350.00	57.85 PK	74.00	-16.15	1.76 H	19	55.80	2.05
10	5350.00	44.35 AV	54.00	-9.65	1.76 H	19	42.30	2.05
11	#10420.00	55.96 PK	68.20	-12.24	1.89 H	297	47.50	8.46
12	#10580.00	56.73 PK	68.20	-11.47	1.89 H	303	48.00	8.73

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5050.00	57.86 PK	74.00	-16.14	1.53 V	155	55.70	2.16
2	5050.00	47.36 AV	54.00	-6.64	1.53 V	155	45.20	2.16
3	5150.00	59.40 PK	74.00	-14.60	1.53 V	159	57.00	2.40
4	5150.00	46.30 AV	54.00	-7.70	1.53 V	159	43.90	2.40
5	*5210.00	108.31 PK			1.47 V	157	68.10	40.21
6	*5210.00	95.01 AV			1.47 V	157	54.80	40.21
7	*5290.00	108.32 PK			1.56 V	149	68.30	40.02
8	*5290.00	95.62 AV			1.56 V	149	55.60	40.02
9	5350.00	59.55 PK	74.00	-14.45	1.61 V	153	57.50	2.05
10	5350.00	47.55 AV	54.00	-6.45	1.61 V	153	45.50	2.05
11	#10420.00	56.16 PK	68.20	-12.04	1.75 V	163	47.70	8.46
12	#10580.00	57.03 PK	68.20	-11.17	1.78 V	154	48.30	8.73

Remarks:

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

RF Mode	TX 802.11ax (HE80+80)	Channel	CH 106+122 : 5530MHz+5610 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5370.00	59.03 PK	74.00	-14.97	1.32 H	65	57.00	2.03
2	5370.00	44.63 AV	54.00	-9.37	1.32 H	65	42.60	2.03
3	5460.00	59.40 PK	74.00	-14.60	1.42 H	75	57.30	2.10
4	5460.00	45.40 AV	54.00	-8.60	1.42 H	75	43.30	2.10
5	#5470.00	59.33 PK	68.20	-8.87	1.29 H	71	57.20	2.13
6	*5530.00	101.62 PK			1.00 H	67	61.20	40.42
7	*5530.00	88.62 AV			1.00 H	67	48.20	40.42
8	*5610.00	101.68 PK			1.48 H	4	60.60	41.08
9	*5610.00	88.78 AV			1.48 H	4	47.70	41.08
10	#5725.00	59.22 PK	68.20	-8.98	1.60 H	13	55.60	3.62
11	11060.00	57.48 PK	74.00	-16.52	1.96 H	299	48.60	8.88
12	11060.00	44.88 AV	54.00	-9.12	1.96 H	299	36.00	8.88
13	11220.00	57.56 PK	74.00	-16.44	1.87 H	309	48.70	8.86
14	11220.00	44.46 AV	54.00	-9.54	1.87 H	309	35.60	8.86

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5370.00	61.03 PK	74.00	-12.97	1.55 V	169	59.00	2.03
2	5370.00	52.63 AV	54.00	-1.37	1.55 V	169	50.60	2.03
3	5460.00	62.80 PK	74.00	-11.20	1.58 V	179	60.70	2.10
4	5460.00	46.20 AV	54.00	-7.80	1.58 V	179	44.10	2.10
5	#5470.00	65.73 PK	74.00	-8.27	1.58 V	162	63.60	2.13
6	*5530.00	110.42 PK			1.42 V	174	70.00	40.42
7	*5530.00	97.72 AV			1.42 V	174	57.30	40.42
8	*5610.00	110.78 PK			1.73 V	92	69.70	41.08
9	*5610.00	98.08 AV			1.73 V	92	57.00	41.08
10	#5725.00	59.92 PK	74.00	-14.08	1.66 V	108	56.30	3.62
11	11060.00	57.88 PK	74.00	-16.12	1.88 V	160	49.00	8.88
12	11060.00	49.78 AV	54.00	-4.22	1.88 V	160	40.90	8.88
13	11220.00	57.86 PK	74.00	-16.14	1.70 V	159	49.00	8.86
14	11220.00	49.06 AV	54.00	-4.94	1.70 V	159	40.20	8.86

Remarks:

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

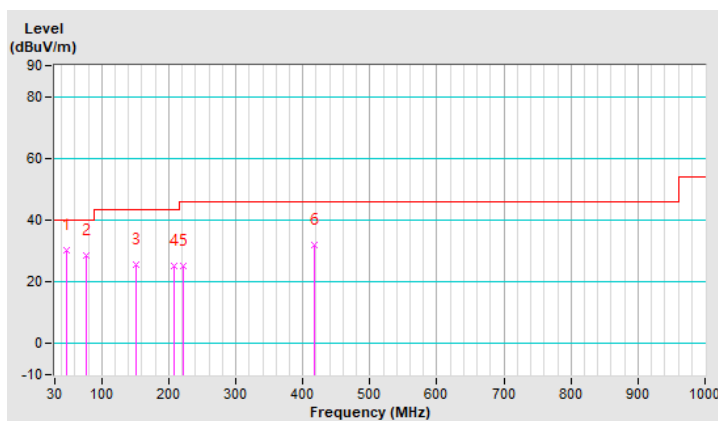
802.11ax (HE20)

CHANNEL	TX Channel 100	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	46.87	30.34 QP	40.00	-9.66	2.00 H	264	48.50	-18.16
2	77.80	28.71 QP	40.00	-11.29	1.50 H	263	51.27	-22.56
3	150.90	25.79 QP	43.50	-17.71	1.00 H	176	43.85	-18.06
4	208.54	25.38 QP	43.50	-18.12	1.00 H	171	47.15	-21.77
5	221.19	25.27 QP	46.00	-20.73	1.50 H	285	46.86	-21.59
6	418.00	31.76 QP	46.00	-14.24	1.00 H	125	46.50	-14.74

Remarks:

1. Emission Level(dBuV/m) = 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

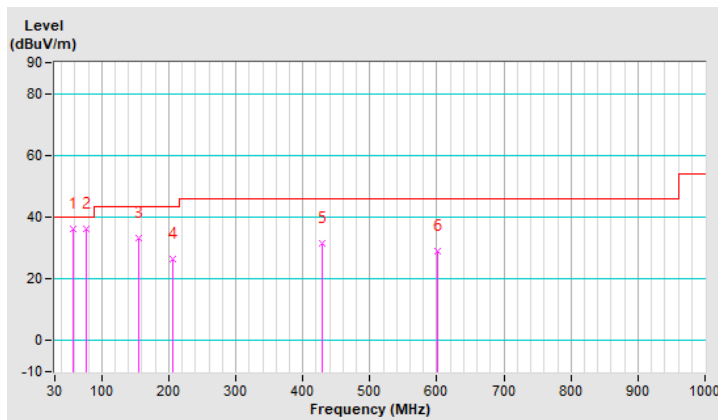


CHANNEL	TX Channel 100	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

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	58.12	36.08 QP	40.00	-3.92	1.00 V	337	54.78	-18.70
2	77.80	36.09 QP	40.00	-3.91	1.00 V	290	58.65	-22.56
3	155.12	33.21 QP	43.50	-10.29	1.50 V	270	51.15	-17.94
4	205.72	26.36 QP	43.50	-17.14	1.00 V	280	48.13	-21.77
5	429.25	31.39 QP	46.00	-14.61	1.50 V	157	45.74	-14.35
6	600.75	28.88 QP	46.00	-17.12	1.00 V	243	39.14	-10.26

Remarks:

1. Emission Level(dBuV/m) = 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



Mode B

Above 1GHz data:

RF Mode	TX 802.11a	Channel	CH 36 : 5180 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.10 PK	74.00	-15.90	1.72 H	19	55.70	2.40
2	5150.00	44.70 AV	54.00	-9.30	1.72 H	19	42.30	2.40
3	*5180.00	105.38 PK			1.68 H	14	65.10	40.28
4	*5180.00	95.28 AV			1.68 H	14	55.00	40.28
5	#10360.00	56.60 PK	68.20	-11.60	1.86 H	115	48.10	8.50
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.40 PK	74.00	-14.60	1.70 V	6	57.00	2.40
2	5150.00	47.60 AV	54.00	-6.40	1.70 V	6	45.20	2.40
3	*5180.00	124.18 PK			1.67 V	4	83.90	40.28
4	*5180.00	115.18 AV			1.67 V	4	74.90	40.28
5	#10360.00	57.10 PK	68.20	-11.10	1.75 V	4	48.60	8.50

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 40 : 5200 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	105.04 PK			1.70 H	15	64.80	40.24
2	*5200.00	95.14 AV			1.70 H	15	54.90	40.24
3	#10400.00	56.65 PK	68.20	-11.55	1.82 H	120	48.20	8.45
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	123.84 PK			1.69 V	2	83.60	40.24
2	*5200.00	114.94 AV			1.69 V	2	74.70	40.24
3	#10400.00	56.95 PK	68.20	-11.25	1.72 V	359	48.50	8.45

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 48 : 5240 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	104.71 PK			1.89 H	17	64.60	40.11
2	*5240.00	95.41 AV			1.89 H	17	55.30	40.11
3	5350.00	58.05 PK	74.00	-15.95	1.91 H	20	56.00	2.05
4	5350.00	44.35 AV	54.00	-9.65	1.91 H	20	42.30	2.05
5	5434.50	58.04 PK	74.00	-15.96	1.82 H	12	56.00	2.04
6	5434.50	44.14 AV	54.00	-9.86	1.82 H	12	42.10	2.04
7	#10480.00	56.49 PK	68.20	-11.71	1.89 H	112	48.00	8.49
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	123.51 PK			1.89 V	10	83.40	40.11
2	*5240.00	114.31 AV			1.89 V	10	74.20	40.11
3	5350.00	59.55 PK	74.00	-14.45	1.81 V	7	57.50	2.05
4	5350.00	46.15 AV	54.00	-7.85	1.81 V	7	44.10	2.05
5	5434.50	59.44 PK	74.00	-14.56	1.76 V	13	57.40	2.04
6	5434.50	48.54 AV	54.00	-5.46	1.76 V	13	46.50	2.04
7	#10480.00	56.79 PK	68.20	-11.41	1.69 V	353	48.30	8.49

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 52 : 5260 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.20 PK	74.00	-16.80	1.96 H	14	54.80	2.40
2	5150.00	43.80 AV	54.00	-10.20	1.96 H	14	41.40	2.40
3	*5260.00	98.56 PK			2.07 H	19	58.50	40.06
4	*5260.00	89.06 AV			2.07 H	19	49.00	40.06
5	#10520.00	55.75 PK	68.20	-12.45	1.75 H	111	47.20	8.55
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.30 PK	74.00	-16.70	1.95 V	359	54.90	2.40
2	5150.00	45.10 AV	54.00	-8.90	1.95 V	359	42.70	2.40
3	*5260.00	119.16 PK			2.01 V	352	79.10	40.06
4	*5260.00	109.06 AV			2.01 V	352	69.00	40.06
5	#10520.00	55.95 PK	68.20	-12.25	1.70 V	356	47.40	8.55

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 60 : 5300 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	99.20 PK			1.87 H	15	59.20	40.00
2	*5300.00	89.80 AV			1.87 H	15	49.80	40.00
3	10600.00	55.98 PK	74.00	-18.02	1.82 H	119	47.20	8.78
4	10600.00	42.88 AV	54.00	-11.12	1.82 H	119	34.10	8.78
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	119.70 PK			1.56 V	2	79.70	40.00
2	*5300.00	109.90 AV			1.56 V	2	69.90	40.00
3	10600.00	56.28 PK	74.00	-17.72	1.75 V	352	47.50	8.78
4	10600.00	43.18 AV	54.00	-10.82	1.75 V	352	34.40	8.78

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 64 : 5320 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	99.06 PK			1.89 H	11	59.00	40.06
2	*5320.00	89.66 AV			1.89 H	11	49.60	40.06
3	5350.00	57.15 PK	74.00	-16.85	1.97 H	17	55.10	2.05
4	5350.00	43.45 AV	54.00	-10.55	1.97 H	17	41.40	2.05
5	10640.00	55.61 PK	74.00	-18.39	1.79 H	110	47.00	8.61
6	10640.00	42.71 AV	54.00	-11.29	1.79 H	110	34.10	8.61
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	119.66 PK			1.93 V	350	79.60	40.06
2	*5320.00	109.66 AV			1.93 V	350	69.60	40.06
3	5350.00	57.85 PK	74.00	-16.15	1.86 V	358	55.80	2.05
4	5350.00	45.65 AV	54.00	-8.35	1.86 V	358	43.60	2.05
5	10640.00	55.91 PK	74.00	-18.09	1.62 V	355	47.30	8.61
6	10640.00	42.91 AV	54.00	-11.09	1.62 V	355	34.30	8.61

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 100 : 5500 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.60 PK	74.00	-16.40	1.90 H	27	55.50	2.10
2	5460.00	43.70 AV	54.00	-10.30	1.90 H	27	41.60	2.10
3	#5470.00	57.73 PK	68.20	-10.47	1.88 H	29	55.60	2.13
4	*5500.00	98.57 PK			1.86 H	31	58.40	40.17
5	*5500.00	88.67 AV			1.86 H	31	48.50	40.17
6	11000.00	56.12 PK	74.00	-17.88	1.78 H	107	47.40	8.72
7	11000.00	42.82 AV	54.00	-11.18	1.78 H	107	34.10	8.72
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.90 PK	74.00	-16.10	1.59 V	359	55.80	2.10
2	5460.00	46.00 AV	54.00	-8.00	1.59 V	359	43.90	2.10
3	#5470.00	58.83 PK	68.20	-9.37	1.55 V	0	56.70	2.13
4	*5500.00	119.17 PK			1.51 V	3	79.00	40.17
5	*5500.00	109.77 AV			1.51 V	3	69.60	40.17
6	11000.00	56.42 PK	74.00	-17.58	1.64 V	2	47.70	8.72
7	11000.00	43.22 AV	54.00	-10.78	1.64 V	2	34.50	8.72

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 116 : 5580 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	99.25 PK			1.84 H	29	58.40	40.85
2	*5580.00	89.45 AV			1.84 H	29	48.60	40.85
3	11160.00	56.13 PK	74.00	-17.87	1.80 H	117	47.30	8.83
4	11160.00	42.93 AV	54.00	-11.07	1.80 H	117	34.10	8.83
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	120.05 PK			1.61 V	0	79.20	40.85
2	*5580.00	110.55 AV			1.61 V	0	69.70	40.85
3	11160.00	56.43 PK	74.00	-17.57	1.66 V	3	47.60	8.83
4	11160.00	43.23 AV	54.00	-10.77	1.66 V	3	34.40	8.83

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 140 : 5700 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	101.01 PK			1.86 H	33	59.60	41.41
2	*5700.00	90.91 AV			1.86 H	33	49.50	41.41
3	#5725.00	58.12 PK	68.20	-10.08	1.91 H	29	54.50	3.62
4	11400.00	56.67 PK	74.00	-17.33	1.84 H	103	47.10	9.57
5	11400.00	43.57 AV	54.00	-10.43	1.84 H	103	34.00	9.57
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	120.51 PK			1.87 V	1	79.10	41.41
2	*5700.00	111.01 AV			1.87 V	1	69.60	41.41
3	#5725.00	62.32 PK	68.20	-5.88	1.82 V	358	58.70	3.62
4	11400.00	56.97 PK	74.00	-17.03	1.69 V	359	47.40	9.57
5	11400.00	43.87 AV	54.00	-10.13	1.69 V	359	34.30	9.57

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 144 : 5720 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	57.63 PK	68.20	-10.57	1.86 H	33	55.50	2.13
2	*5720.00	100.92 PK			1.84 H	30	59.40	41.52
3	*5720.00	90.92 AV			1.84 H	30	49.40	41.52
4	#5850.00	58.57 PK	68.20	-9.63	1.82 H	29	54.80	3.77
5	11440.00	56.81 PK	74.00	-17.19	1.82 H	114	47.20	9.61
6	11440.00	43.71 AV	54.00	-10.29	1.82 H	114	34.10	9.61
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	59.23 PK	68.20	-8.97	1.90 V	2	57.10	2.13
2	*5720.00	120.52 PK			1.99 V	4	79.00	41.52
3	*5720.00	110.62 AV			1.99 V	4	69.10	41.52
4	#5850.00	59.77 PK	68.20	-8.43	1.89 V	0	56.00	3.77
5	11440.00	57.11 PK	74.00	-16.89	1.63 V	353	47.50	9.61
6	11440.00	44.01 AV	54.00	-9.99	1.63 V	353	34.40	9.61

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5640.00	57.17 PK	68.20	-11.03	1.65 H	319	53.83	3.34
2	*5745.00	106.07 PK			1.65 H	319	64.40	41.67
3	*5745.00	96.17 AV			1.65 H	319	54.50	41.67
4	#5956.80	57.48 PK	68.20	-10.72	1.65 H	319	53.63	3.85
5	11490.00	56.47 PK	74.00	-17.53	1.85 H	36	46.80	9.67
6	11490.00	43.37 AV	54.00	-10.63	1.85 H	36	33.70	9.67
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5650.00	62.60 PK	68.20	-5.60	1.80 V	1	59.21	3.39
2	*5745.00	126.37 PK			1.80 V	1	84.70	41.67
3	*5745.00	116.17 AV			1.80 V	1	74.50	41.67
4	#5935.60	61.61 PK	68.20	-6.59	1.80 V	1	57.84	3.77
5	11490.00	57.17 PK	74.00	-16.83	1.77 V	356	47.50	9.67
6	11490.00	44.27 AV	54.00	-9.73	1.77 V	356	34.60	9.67

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5629.20	57.26 PK	68.20	-10.94	1.67 H	319	53.99	3.27
2	*5785.00	105.20 PK			1.67 H	319	63.40	41.80
3	*5785.00	95.30 AV			1.67 H	319	53.50	41.80
4	#5971.20	58.34 PK	68.20	-9.86	1.67 H	319	54.40	3.94
5	11570.00	56.60 PK	74.00	-17.40	1.87 H	31	47.00	9.60
6	11570.00	43.30 AV	54.00	-10.70	1.87 H	31	33.70	9.60
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5645.60	60.89 PK	68.20	-7.31	1.59 V	1	57.52	3.37
2	*5785.00	125.40 PK			1.59 V	1	83.60	41.80
3	*5785.00	115.90 AV			1.59 V	1	74.10	41.80
4	#5982.00	60.28 PK	68.20	-7.92	1.59 V	1	56.26	4.02
5	11570.00	57.10 PK	74.00	-16.90	1.79 V	358	47.50	9.60
6	11570.00	44.10 AV	54.00	-9.90	1.79 V	358	34.50	9.60

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 165 : 5825 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5630.80	57.36 PK	68.20	-10.84	1.67 H	322	54.07	3.29
2	*5825.00	105.48 PK			1.67 H	322	63.70	41.78
3	*5825.00	96.48 AV			1.67 H	322	54.70	41.78
4	#5996.40	58.66 PK	68.20	-9.54	1.67 H	322	54.55	4.11
5	11650.00	56.45 PK	74.00	-17.55	1.82 H	35	46.90	9.55
6	11650.00	43.45 AV	54.00	-10.55	1.82 H	35	33.90	9.55
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5634.80	63.54 PK	68.20	-4.66	1.98 V	356	60.23	3.31
2	*5825.00	126.28 PK			1.98 V	356	84.50	41.78
3	*5825.00	117.08 AV			1.98 V	356	75.30	41.78
4	#5925.60	62.39 PK	68.20	-5.81	1.98 V	356	58.66	3.73
5	11650.00	56.95 PK	74.00	-17.05	1.74 V	355	47.40	9.55
6	11650.00	43.85 AV	54.00	-10.15	1.74 V	355	34.30	9.55

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 36 : 5180 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.40 PK	74.00	-15.60	1.99 H	20	56.00	2.40
2	5150.00	44.60 AV	54.00	-9.40	1.99 H	20	42.20	2.40
3	*5180.00	107.68 PK			2.05 H	16	67.40	40.28
4	*5180.00	94.58 AV			2.05 H	16	54.30	40.28
5	#10360.00	56.50 PK	68.20	-11.70	1.87 H	110	48.00	8.50
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	70.10 PK	74.00	-3.90	2.06 V	0	67.70	2.40
2	5150.00	50.30 AV	54.00	-3.70	2.06 V	0	47.90	2.40
3	*5180.00	126.68 PK			2.05 V	357	86.40	40.28
4	*5180.00	113.88 AV			2.05 V	357	73.60	40.28
5	#10360.00	57.00 PK	68.20	-11.20	1.77 V	352	48.50	8.50

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 40 : 5200 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	107.84 PK			1.94 H	19	67.60	40.24
2	*5200.00	94.24 AV			1.94 H	19	54.00	40.24
3	#10400.00	56.65 PK	68.20	-11.55	1.93 H	121	48.20	8.45
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	126.84 PK			2.04 V	359	86.60	40.24
2	*5200.00	114.04 AV			2.04 V	359	73.80	40.24
3	#10400.00	57.05 PK	68.20	-11.15	1.76 V	350	48.60	8.45

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 48 : 5240 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	107.51 PK			2.14 H	16	67.40	40.11
2	*5240.00	94.81 AV			2.14 H	16	54.70	40.11
3	5350.00	57.25 PK	74.00	-16.75	1.96 H	17	55.20	2.05
4	5350.00	44.35 AV	54.00	-9.65	1.96 H	17	42.30	2.05
5	5426.70	59.23 PK	74.00	-14.77	2.09 H	21	57.20	2.03
6	5426.70	44.33 AV	54.00	-9.67	2.09 H	21	42.30	2.03
7	#10480.00	56.79 PK	68.20	-11.41	1.93 H	111	48.30	8.49
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	127.61 PK			2.03 V	358	87.50	40.11
2	*5240.00	114.41 AV			2.03 V	358	74.30	40.11
3	5350.00	59.95 PK	74.00	-14.05	1.99 V	1	57.90	2.05
4	5350.00	46.55 AV	54.00	-7.45	1.99 V	1	44.50	2.05
5	5426.70	60.33 PK	74.00	-13.67	2.02 V	2	58.30	2.03
6	5426.70	47.93 AV	54.00	-6.07	2.02 V	2	45.90	2.03
7	#10480.00	57.19 PK	68.20	-11.01	1.81 V	352	48.70	8.49

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 52 : 5260 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.10 PK	74.00	-16.90	1.82 H	14	54.70	2.40
2	5150.00	43.70 AV	54.00	-10.30	1.82 H	14	41.30	2.40
3	*5260.00	103.46 PK			1.74 H	20	63.40	40.06
4	*5260.00	90.56 AV			1.74 H	20	50.50	40.06
5	#10520.00	55.75 PK	68.20	-12.45	1.82 H	114	47.20	8.55
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.30 PK	74.00	-16.70	1.92 V	0	54.90	2.40
2	5150.00	45.50 AV	54.00	-8.50	1.92 V	0	43.10	2.40
3	*5260.00	123.56 PK			1.87 V	357	83.50	40.06
4	*5260.00	110.56 AV			1.87 V	357	70.50	40.06
5	#10520.00	56.15 PK	68.20	-12.05	1.67 V	349	47.60	8.55

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 60 : 5300 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	103.30 PK			1.97 H	18	63.30	40.00
2	*5300.00	90.50 AV			1.97 H	18	50.50	40.00
3	10600.00	55.78 PK	74.00	-18.22	1.82 H	110	47.00	8.78
4	10600.00	42.98 AV	54.00	-11.02	1.82 H	110	34.20	8.78
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	123.70 PK			1.89 V	1	83.70	40.00
2	*5300.00	110.60 AV			1.89 V	1	70.60	40.00
3	10600.00	56.08 PK	74.00	-17.92	1.71 V	346	47.30	8.78
4	10600.00	43.38 AV	54.00	-10.62	1.71 V	346	34.60	8.78

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 64 : 5320 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	103.26 PK			2.30 H	10	63.20	40.06
2	*5320.00	90.06 AV			2.30 H	10	50.00	40.06
3	5350.00	57.25 PK	74.00	-16.75	2.03 H	17	55.20	2.05
4	5350.00	43.45 AV	54.00	-10.55	2.03 H	17	41.40	2.05
5	10640.00	55.71 PK	74.00	-18.29	1.89 H	108	47.10	8.61
6	10640.00	42.71 AV	54.00	-11.29	1.89 H	108	34.10	8.61
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	123.26 PK			1.75 V	356	83.20	40.06
2	*5320.00	110.26 AV			1.75 V	356	70.20	40.06
3	5350.00	58.35 PK	74.00	-15.65	1.82 V	351	56.30	2.05
4	5350.00	45.45 AV	54.00	-8.55	1.82 V	351	43.40	2.05
5	10640.00	55.91 PK	74.00	-18.09	1.77 V	350	47.30	8.61
6	10640.00	43.11 AV	54.00	-10.89	1.77 V	350	34.50	8.61

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 100 : 5500 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.10 PK	74.00	-16.90	1.85 H	34	55.00	2.10
2	5460.00	43.40 AV	54.00	-10.60	1.85 H	34	41.30	2.10
3	#5470.00	56.93 PK	68.20	-11.27	1.84 H	29	54.80	2.13
4	*5500.00	101.77 PK			1.91 H	30	61.60	40.17
5	*5500.00	88.47 AV			1.91 H	30	48.30	40.17
6	11000.00	56.22 PK	74.00	-17.78	1.87 H	113	47.50	8.72
7	11000.00	43.12 AV	54.00	-10.88	1.87 H	113	34.40	8.72
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.70 PK	74.00	-15.30	1.90 V	2	56.60	2.10
2	5460.00	46.10 AV	54.00	-7.90	1.90 V	2	44.00	2.10
3	#5470.00	58.53 PK	68.20	-9.67	1.89 V	359	56.40	2.13
4	*5500.00	121.97 PK			1.88 V	6	81.80	40.17
5	*5500.00	109.17 AV			1.88 V	6	69.00	40.17
6	11000.00	56.32 PK	74.00	-17.68	1.70 V	3	47.60	8.72
7	11000.00	43.22 AV	54.00	-10.78	1.70 V	3	34.50	8.72

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 116 : 5580 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	102.15 PK			1.95 H	34	61.30	40.85
2	*5580.00	89.25 AV			1.95 H	34	48.40	40.85
3	11160.00	56.13 PK	74.00	-17.87	1.79 H	116	47.30	8.83
4	11160.00	43.13 AV	54.00	-10.87	1.79 H	116	34.30	8.83
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	122.85 PK			1.86 V	358	82.00	40.85
2	*5580.00	109.95 AV			1.86 V	358	69.10	40.85
3	11160.00	56.43 PK	74.00	-17.57	1.77 V	359	47.60	8.83
4	11160.00	43.43 AV	54.00	-10.57	1.77 V	359	34.60	8.83

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 140 : 5700 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	103.61 PK			1.76 H	322	62.20	41.41
2	*5700.00	91.01 AV			1.76 H	322	49.60	41.41
3	#5725.00	58.62 PK	68.20	-9.58	1.82 H	335	55.00	3.62
4	11400.00	56.87 PK	74.00	-17.13	1.90 H	28	47.30	9.57
5	11400.00	43.87 AV	54.00	-10.13	1.90 H	28	34.30	9.57
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	123.01 PK			1.86 V	358	81.60	41.41
2	*5700.00	109.91 AV			1.86 V	358	68.50	41.41
3	#5725.00	59.12 PK	68.20	-9.08	1.39 V	358	55.50	3.62
4	11400.00	57.07 PK	74.00	-16.93	1.73 V	2	47.50	9.57
5	11400.00	44.07 AV	54.00	-9.93	1.73 V	2	34.50	9.57

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 144 : 5720 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	57.03 PK	68.20	-11.17	1.77 H	318	54.90	2.13
2	*5720.00	103.42 PK			1.81 H	316	61.90	41.52
3	*5720.00	90.32 AV			1.81 H	316	48.80	41.52
4	#5850.00	58.27 PK	68.20	-9.93	1.82 H	322	54.50	3.77
5	11440.00	56.81 PK	74.00	-17.19	1.86 H	34	47.20	9.61
6	11440.00	43.81 AV	54.00	-10.19	1.86 H	34	34.20	9.61
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	57.83 PK	68.20	-10.37	1.61 V	1	55.70	2.13
2	*5720.00	123.02 PK			1.51 V	356	81.50	41.52
3	*5720.00	110.22 AV			1.51 V	356	68.70	41.52
4	#5850.00	59.37 PK	68.20	-8.83	1.55 V	359	55.60	3.77
5	11440.00	57.01 PK	74.00	-16.99	1.79 V	3	47.40	9.61
6	11440.00	44.01 AV	54.00	-9.99	1.79 V	3	34.40	9.61

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 149 : 5745 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5610.40	57.38 PK	68.20	-10.82	1.73 H	319	54.20	3.18
2	*5745.00	110.27 PK			1.73 H	319	68.60	41.67
3	*5745.00	97.47 AV			1.73 H	319	55.80	41.67
4	#5945.20	58.67 PK	68.20	-9.53	1.73 H	319	54.88	3.79
5	11490.00	56.67 PK	74.00	-17.33	1.85 H	34	47.00	9.67
6	11490.00	43.77 AV	54.00	-10.23	1.85 H	34	34.10	9.67
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5645.20	64.67 PK	68.20	-3.53	1.96 V	353	61.30	3.37
2	*5745.00	129.17 PK			1.96 V	353	87.50	41.67
3	*5745.00	116.57 AV			1.96 V	353	74.90	41.67
4	#5988.00	60.51 PK	68.20	-7.69	1.96 V	353	56.45	4.06
5	11490.00	57.27 PK	74.00	-16.73	1.77 V	2	47.60	9.67
6	11490.00	44.17 AV	54.00	-9.83	1.77 V	2	34.50	9.67

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 157 : 5785 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5641.60	57.59 PK	68.20	-10.61	1.83 H	319	54.24	3.35
2	*5785.00	109.20 PK			1.83 H	319	67.40	41.80
3	*5785.00	96.20 AV			1.83 H	319	54.40	41.80
4	#5983.60	58.32 PK	68.20	-9.88	1.83 H	319	54.29	4.03
5	11570.00	56.50 PK	74.00	-17.50	1.81 H	36	46.90	9.60
6	11570.00	43.60 AV	54.00	-10.40	1.81 H	36	34.00	9.60
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5638.80	61.44 PK	68.20	-6.76	1.85 V	359	58.11	3.33
2	*5785.00	129.00 PK			1.85 V	359	87.20	41.80
3	*5785.00	115.70 AV			1.85 V	359	73.90	41.80
4	#5975.20	61.22 PK	68.20	-6.98	1.85 V	359	57.24	3.98
5	11570.00	56.80 PK	74.00	-17.20	1.75 V	359	47.20	9.60
6	11570.00	44.00 AV	54.00	-10.00	1.75 V	359	34.40	9.60

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 165 : 5825 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5648.40	57.70 PK	68.20	-10.50	1.80 H	321	54.32	3.38
2	*5825.00	109.28 PK			1.80 H	321	67.50	41.78
3	*5825.00	95.78 AV			1.80 H	321	54.00	41.78
4	#5964.40	58.52 PK	68.20	-9.68	1.80 H	321	54.62	3.90
5	11650.00	56.55 PK	74.00	-17.45	1.85 H	30	47.00	9.55
6	11650.00	43.95 AV	54.00	-10.05	1.85 H	30	34.40	9.55
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5630.80	64.15 PK	68.20	-4.05	1.85 V	353	60.86	3.29
2	*5825.00	128.78 PK			1.85 V	353	87.00	41.78
3	*5825.00	115.58 AV			1.85 V	353	73.80	41.78
4	#5925.20	62.41 PK	68.20	-5.79	1.85 V	353	58.68	3.73
5	11650.00	56.85 PK	74.00	-17.15	1.77 V	358	47.30	9.55
6	11650.00	44.05 AV	54.00	-9.95	1.77 V	358	34.50	9.55

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 38 : 5190 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.40 PK	74.00	-15.60	1.91 H	23	56.00	2.40
2	5150.00	44.70 AV	54.00	-9.30	1.91 H	23	42.30	2.40
3	*5190.00	101.46 PK			2.10 H	19	61.20	40.26
4	*5190.00	88.66 AV			2.10 H	19	48.40	40.26
5	#10380.00	56.48 PK	68.20	-11.72	1.88 H	119	48.00	8.48
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	70.80 PK	74.00	-3.20	1.94 V	356	68.40	2.40
2	5150.00	53.20 AV	54.00	-0.80	1.94 V	356	50.80	2.40
3	*5190.00	121.06 PK			2.08 V	3	80.80	40.26
4	*5190.00	108.46 AV			2.08 V	3	68.20	40.26
5	#10380.00	56.98 PK	68.20	-11.22	1.76 V	354	48.50	8.48

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 46 : 5230 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5230.00	104.65 PK			1.83 H	17	64.50	40.15
2	*5230.00	92.65 AV			1.83 H	17	52.50	40.15
3	5350.00	57.65 PK	74.00	-16.35	2.00 H	23	55.60	2.05
4	5350.00	44.45 AV	54.00	-9.55	2.00 H	23	42.40	2.05
5	5421.90	57.82 PK	74.00	-16.18	1.90 H	22	55.80	2.02
6	5421.90	44.22 AV	54.00	-9.78	1.90 H	22	42.20	2.02
7	#10460.00	56.68 PK	68.20	-11.52	1.83 H	119	48.20	8.48
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5230.00	125.35 PK			1.85 V	359	85.20	40.15
2	*5230.00	112.65 AV			1.85 V	359	72.50	40.15
3	5350.00	60.55 PK	74.00	-13.45	1.98 V	2	58.50	2.05
4	5350.00	47.45 AV	54.00	-6.55	1.98 V	2	45.40	2.05
5	5421.90	60.52 PK	74.00	-13.48	1.92 V	352	58.50	2.02
6	5421.90	49.52 AV	54.00	-4.48	1.92 V	352	47.50	2.02
7	#10460.00	57.08 PK	68.20	-11.12	1.69 V	352	48.60	8.48

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 54 : 5270 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	56.90 PK	74.00	-17.10	1.97 H	21	54.50	2.40
2	5150.00	43.70 AV	54.00	-10.30	1.97 H	21	41.30	2.40
3	*5270.00	98.64 PK			2.16 H	15	58.60	40.04
4	*5270.00	85.34 AV			2.16 H	15	45.30	40.04
5	#10540.00	55.81 PK	68.20	-12.39	1.89 H	117	47.20	8.61
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.70 PK	74.00	-16.30	1.58 V	3	55.30	2.40
2	5150.00	45.50 AV	54.00	-8.50	1.58 V	3	43.10	2.40
3	*5270.00	118.84 PK			1.46 V	0	78.80	40.04
4	*5270.00	106.14 AV			1.46 V	0	66.10	40.04
5	#10540.00	56.11 PK	68.20	-12.09	1.71 V	352	47.50	8.61

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 62 : 5310 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	97.83 PK			1.61 H	11	57.80	40.03
2	*5310.00	85.03 AV			1.61 H	11	45.00	40.03
3	5350.00	56.85 PK	74.00	-17.15	1.72 H	16	54.80	2.05
4	5350.00	43.35 AV	54.00	-10.65	1.72 H	16	41.30	2.05
5	10620.00	55.90 PK	74.00	-18.10	1.88 H	107	47.20	8.70
6	10620.00	42.80 AV	54.00	-11.20	1.88 H	107	34.10	8.70
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	118.43 PK			1.52 V	356	78.40	40.03
2	*5310.00	105.83 AV			1.52 V	356	65.80	40.03
3	5350.00	62.95 PK	74.00	-11.05	1.48 V	4	60.90	2.05
4	5350.00	49.75 AV	54.00	-4.25	1.48 V	4	47.70	2.05
5	10620.00	56.20 PK	74.00	-17.80	1.74 V	357	47.50	8.70
6	10620.00	43.10 AV	54.00	-10.90	1.74 V	357	34.40	8.70

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 102 : 5510 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.40 PK	74.00	-17.60	1.88 H	331	54.30	2.10
2	5460.00	43.60 AV	54.00	-10.40	1.88 H	331	41.50	2.10
3	#5470.00	57.13 PK	68.20	-11.07	1.87 H	324	55.00	2.13
4	*5510.00	98.15 PK			1.81 H	330	57.90	40.25
5	*5510.00	84.65 AV			1.81 H	330	44.40	40.25
6	11020.00	55.97 PK	74.00	-18.03	1.93 H	29	47.20	8.77
7	11020.00	42.87 AV	54.00	-11.13	1.93 H	29	34.10	8.77
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.90 PK	74.00	-15.10	1.76 V	358	56.80	2.10
2	5460.00	45.50 AV	54.00	-8.50	1.76 V	358	43.40	2.10
3	#5470.00	65.93 PK	68.20	-2.27	1.80 V	351	63.80	2.13
4	*5510.00	118.85 PK			1.64 V	352	78.60	40.25
5	*5510.00	105.65 AV			1.64 V	352	65.40	40.25
6	11020.00	56.17 PK	74.00	-17.83	1.77 V	359	47.40	8.77
7	11020.00	43.17 AV	54.00	-10.83	1.77 V	359	34.40	8.77

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 110 : 5550 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5550.00	99.10 PK			1.80 H	319	58.50	40.60
2	*5550.00	85.70 AV			1.80 H	319	45.10	40.60
3	11100.00	56.09 PK	74.00	-17.91	1.92 H	29	47.10	8.99
4	11100.00	43.19 AV	54.00	-10.81	1.92 H	29	34.20	8.99
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5550.00	119.00 PK			1.65 V	357	78.40	40.60
2	*5550.00	105.60 AV			1.65 V	357	65.00	40.60
3	11100.00	56.29 PK	74.00	-17.71	1.73 V	2	47.30	8.99
4	11100.00	43.29 AV	54.00	-10.71	1.73 V	2	34.30	8.99

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 134 : 5670 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	99.45 PK			1.67 H	323	58.10	41.35
2	*5670.00	86.65 AV			1.67 H	323	45.30	41.35
3	#5725.00	58.52 PK	68.20	-9.68	1.76 H	330	54.90	3.62
4	11340.00	56.83 PK	74.00	-17.17	1.85 H	23	47.30	9.53
5	11340.00	43.83 AV	54.00	-10.17	1.85 H	23	34.30	9.53
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	119.35 PK			1.66 V	357	78.00	41.35
2	*5670.00	106.25 AV			1.66 V	357	64.90	41.35
3	#5725.00	59.62 PK	68.20	-8.58	1.77 V	0	56.00	3.62
4	11340.00	57.03 PK	74.00	-16.97	1.77 V	359	47.50	9.53
5	11340.00	43.93 AV	54.00	-10.07	1.77 V	359	34.40	9.53

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 142 : 5710 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	57.23 PK	68.20	-10.97	1.69 H	319	55.10	2.13
2	*5710.00	101.07 PK			1.70 H	317	59.60	41.47
3	*5710.00	87.27 AV			1.70 H	317	45.80	41.47
4	#5850.00	58.37 PK	68.20	-9.83	1.77 H	320	54.60	3.77
5	11420.00	56.89 PK	74.00	-17.11	1.92 H	34	47.30	9.59
6	11420.00	43.89 AV	54.00	-10.11	1.92 H	34	34.30	9.59
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.63 PK	68.20	-9.57	1.72 V	359	56.50	2.13
2	*5710.00	120.17 PK			1.68 V	356	78.70	41.47
3	*5710.00	106.67 AV			1.68 V	356	65.20	41.47
4	#5850.00	59.47 PK	68.20	-8.73	1.66 V	355	55.70	3.77
5	11420.00	57.19 PK	74.00	-16.81	1.81 V	354	47.60	9.59
6	11420.00	44.09 AV	54.00	-9.91	1.81 V	354	34.50	9.59

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 151 : 5755 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5632.00	57.28 PK	68.20	-10.92	1.76 H	319	53.98	3.30
2	*5755.00	106.32 PK			1.79 H	319	64.60	41.72
3	*5755.00	93.72 AV			1.79 H	319	52.00	41.72
4	#5987.60	58.42 PK	68.20	-9.78	1.76 H	319	54.36	4.06
5	11510.00	56.97 PK	74.00	-17.03	1.91 H	37	47.30	9.67
6	11510.00	43.87 AV	54.00	-10.13	1.91 H	37	34.20	9.67
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5634.40	64.04 PK	68.20	-4.16	1.79 V	359	60.73	3.31
2	*5755.00	125.52 PK			1.79 V	359	83.80	41.72
3	*5755.00	113.22 AV			1.79 V	359	71.50	41.72
4	#5990.40	60.39 PK	68.20	-7.81	1.79 V	359	56.31	4.08
5	11510.00	57.17 PK	74.00	-16.83	1.82 V	354	47.50	9.67
6	11510.00	44.07 AV	54.00	-9.93	1.82 V	354	34.40	9.67

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 159 : 5795 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5648.40	57.97 PK	68.20	-10.23	1.89 H	318	54.59	3.38
2	*5795.00	105.92 PK			1.89 H	318	64.10	41.82
3	*5795.00	93.02 AV			1.89 H	318	51.20	41.82
4	#5948.40	58.46 PK	68.20	-9.74	1.89 H	318	54.66	3.80
5	11590.00	56.68 PK	74.00	-17.32	1.87 H	37	47.10	9.58
6	11590.00	43.68 AV	54.00	-10.32	1.87 H	37	34.10	9.58
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5610.80	61.55 PK	68.20	-6.65	1.76 V	357	58.36	3.19
2	*5795.00	125.52 PK			1.76 V	357	83.70	41.82
3	*5795.00	112.52 AV			1.76 V	357	70.70	41.82
4	#5938.40	60.24 PK	68.20	-7.96	1.76 V	357	56.46	3.78
5	11590.00	56.88 PK	74.00	-17.12	1.83 V	356	47.30	9.58
6	11590.00	43.88 AV	54.00	-10.12	1.83 V	356	34.30	9.58

Remarks:

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

RF Mode	TX 802.11ax (HE80)	Channel	CH 42 : 5210 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.70 PK	74.00	-16.30	1.93 H	23	55.30	2.40
2	5150.00	44.60 AV	54.00	-9.40	1.93 H	23	42.20	2.40
3	*5210.00	99.21 PK			1.83 H	17	59.00	40.21
4	*5210.00	85.91 AV			1.83 H	17	45.70	40.21
5	#10420.00	56.56 PK	68.20	-11.64	1.93 H	110	48.10	8.46
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	69.20 PK	74.00	-4.80	1.81 V	357	66.80	2.40
2	5150.00	52.60 AV	54.00	-1.40	1.81 V	357	50.20	2.40
3	*5210.00	118.41 PK			1.87 V	0	78.20	40.21
4	*5210.00	105.61 AV			1.87 V	0	65.40	40.21
5	#10420.00	57.06 PK	68.20	-11.14	1.77 V	349	48.60	8.46

Remarks:

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

RF Mode	TX 802.11ax (HE80)	Channel	CH 58 : 5290 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5290.00	95.82 PK			1.64 H	14	55.80	40.02
2	*5290.00	83.32 AV			1.64 H	14	43.30	40.02
3	5350.00	56.75 PK	74.00	-17.25	1.70 H	18	54.70	2.05
4	5350.00	43.35 AV	54.00	-10.65	1.70 H	18	41.30	2.05
5	#10580.00	55.83 PK	68.20	-12.37	1.84 H	105	47.10	8.73
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5290.00	117.02 PK			1.82 V	359	77.00	40.02
2	*5290.00	103.82 AV			1.82 V	359	63.80	40.02
3	5350.00	69.15 PK	74.00	-4.85	1.81 V	1	67.10	2.05
4	5350.00	51.85 AV	54.00	-2.15	1.81 V	1	49.80	2.05
5	#10580.00	56.03 PK	68.20	-12.17	1.73 V	348	47.30	8.73

Remarks:

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

RF Mode	TX 802.11ax (HE80)	Channel	CH 106 : 5530 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.10 PK	74.00	-16.90	1.66 H	315	55.00	2.10
2	5460.00	43.60 AV	54.00	-10.40	1.66 H	315	41.50	2.10
3	#5470.00	57.43 PK	68.20	-10.77	1.76 H	322	55.30	2.13
4	*5530.00	95.52 PK			1.74 H	319	55.10	40.42
5	*5530.00	83.22 AV			1.74 H	319	42.80	40.42
6	11060.00	56.18 PK	74.00	-17.82	1.86 H	31	47.30	8.88
7	11060.00	43.38 AV	54.00	-10.62	1.86 H	31	34.50	8.88
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	64.90 PK	74.00	-9.10	1.63 V	357	62.80	2.10
2	5460.00	49.30 AV	54.00	-4.70	1.63 V	357	47.20	2.10
3	#5470.00	66.93 PK	68.20	-1.27	1.72 V	350	64.80	2.13
4	*5530.00	116.12 PK			1.68 V	358	75.70	40.42
5	*5530.00	103.62 AV			1.68 V	358	63.20	40.42
6	11060.00	56.38 PK	74.00	-17.62	1.74 V	352	47.50	8.88
7	11060.00	43.48 AV	54.00	-10.52	1.74 V	352	34.60	8.88

Remarks:

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

RF Mode	TX 802.11ax (HE80)	Channel	CH 122 : 5610 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5610.00	96.68 PK			1.52 H	315	55.60	41.08
2	*5610.00	83.48 AV			1.52 H	315	42.40	41.08
3	#5725.00	58.42 PK	68.20	-9.78	1.63 H	322	54.80	3.62
4	11220.00	56.16 PK	74.00	-17.84	1.91 H	36	47.30	8.86
5	11220.00	43.26 AV	54.00	-10.74	1.91 H	36	34.40	8.86
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5610.00	116.68 PK			1.72 V	359	75.60	41.08
2	*5610.00	103.88 AV			1.72 V	359	62.80	41.08
3	#5725.00	61.02 PK	68.20	-7.18	1.78 V	1	57.40	3.62
4	11220.00	56.46 PK	74.00	-17.54	1.76 V	355	47.60	8.86
5	11220.00	43.36 AV	54.00	-10.64	1.76 V	355	34.50	8.86

Remarks:

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

RF Mode	TX 802.11ax (HE80)	Channel	CH 138 : 5690 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	56.93 PK	68.20	-11.27	1.77 H	329	54.80	2.13
2	*5690.00	96.08 PK			1.74 H	323	54.70	41.38
3	*5690.00	84.08 AV			1.74 H	323	42.70	41.38
4	#5850.00	58.47 PK	68.20	-9.73	1.76 H	330	54.70	3.77
5	11380.00	56.65 PK	74.00	-17.35	1.86 H	27	47.10	9.55
6	11380.00	43.85 AV	54.00	-10.15	1.86 H	27	34.30	9.55
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.73 PK	68.20	-9.47	1.66 V	357	56.60	2.13
2	*5690.00	116.98 PK			1.61 V	356	75.60	41.38
3	*5690.00	103.68 AV			1.61 V	356	62.30	41.38
4	#5850.00	59.47 PK	68.20	-8.73	1.70 V	359	55.70	3.77
5	11380.00	56.95 PK	74.00	-17.05	1.69 V	354	47.40	9.55
6	11380.00	43.95 AV	54.00	-10.05	1.69 V	354	34.40	9.55

Remarks:

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

RF Mode	TX 802.11ax (HE80)	Channel	CH 155 : 5775 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5640.40	57.72 PK	68.20	-10.48	1.78 H	324	54.38	3.34
2	*5775.00	103.77 PK			1.78 H	324	62.00	41.77
3	*5775.00	90.17 AV			1.78 H	324	48.40	41.77
4	#5993.20	57.99 PK	68.20	-10.21	1.78 H	324	53.89	4.10
5	11550.00	56.82 PK	74.00	-17.18	1.89 H	39	47.20	9.62
6	11550.00	43.92 AV	54.00	-10.08	1.89 H	39	34.30	9.62
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5642.80	62.73 PK	68.20	-5.47	1.78 V	358	59.38	3.35
2	*5775.00	122.87 PK			1.78 V	358	81.10	41.77
3	*5775.00	109.97 AV			1.78 V	358	68.20	41.77
4	#5963.60	61.23 PK	68.20	-6.97	1.78 V	358	57.33	3.90
5	11550.00	57.02 PK	74.00	-16.98	1.85 V	0	47.40	9.62
6	11550.00	44.12 AV	54.00	-9.88	1.85 V	0	34.50	9.62

Remarks:

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

RF Mode	TX 802.11ax (HE80+80)	Channel	CH 42+58 : 5210 MHz+5290MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5050.00	57.76 PK	74.00	-16.24	1.81 H	13	55.60	2.16
2	5050.00	44.26 AV	54.00	-9.74	1.81 H	13	42.10	2.16
3	5130.00	58.19 PK	74.00	-15.81	1.79 H	22	55.80	2.39
4	5130.00	44.79 AV	54.00	-9.21	1.79 H	22	42.40	2.39
5	5150.00	58.50 PK	74.00	-15.50	1.82 H	10	56.10	2.40
6	5150.00	44.90 AV	54.00	-9.10	1.82 H	10	42.50	2.40
7	*5210.00	94.01 PK			1.73 H	15	53.80	40.21
8	*5210.00	81.01 AV			1.73 H	15	40.80	40.21
9	*5290.00	91.92 PK			2.29 H	19	51.90	40.02
10	*5290.00	78.62 AV			2.29 H	19	38.60	40.02
11	5350.00	57.45 PK	74.00	-16.55	2.12 H	22	55.40	2.05
12	5350.00	44.15 AV	54.00	-9.85	2.12 H	22	42.10	2.05
13	#10420.00	55.22 PK	68.20	-12.98	1.87 H	122	47.90	7.32
14	#10580.00	55.69 PK	68.20	-12.51	1.96 H	119	48.10	7.59

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5050.00	59.56 PK	74.00	-14.44	1.94 V	358	57.40	2.16
2	5050.00	50.46 AV	54.00	-3.54	1.94 V	358	48.30	2.16
3	5130.00	61.89 PK	74.00	-12.11	2.02 V	356	59.50	2.39
4	5130.00	51.79 AV	54.00	-2.21	2.02 V	356	49.40	2.39
5	5150.00	62.70 PK	74.00	-11.30	1.99 V	352	60.30	2.40
6	5150.00	48.10 AV	54.00	-5.90	1.99 V	352	45.70	2.40
7	*5210.00	113.21 PK			1.90 V	0	73.00	40.21
8	*5210.00	99.81 AV			1.90 V	0	59.60	40.21
9	*5290.00	112.42 PK			1.71 V	354	72.40	40.02
10	*5290.00	99.02 AV			1.71 V	354	59.00	40.02
11	5350.00	70.95 PK	74.00	-3.05	1.79 V	359	68.90	2.05
12	5350.00	51.05 AV	54.00	-2.95	1.79 V	359	49.00	2.05
13	#10420.00	55.72 PK	68.20	-12.48	1.72 V	351	48.40	7.32
14	#10580.00	56.19 PK	68.20	-12.01	1.81 V	339	48.60	7.59

Remarks:

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

RF Mode	TX 802.11ax (HE80+80)	Channel	CH 106+122 : 5530 MHz+5610 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5370.00	58.63 PK	74.00	-15.37	1.96 H	2	56.60	2.03
2	5370.00	44.33 AV	54.00	-9.67	1.96 H	2	42.30	2.03
3	5460.00	57.70 PK	74.00	-16.30	2.03 H	22	55.60	2.10
4	5460.00	44.40 AV	54.00	-9.60	2.03 H	22	42.30	2.10
5	#5470.00	58.13 PK	68.20	-10.07	1.87 H	11	56.00	2.13
6	*5530.00	94.32 PK			1.94 H	20	53.90	40.42
7	*5530.00	81.02 AV			1.94 H	20	40.60	40.42
8	*5610.00	92.78 PK			2.09 H	325	51.70	41.08
9	*5610.00	80.18 AV			2.09 H	325	39.10	41.08
10	#5725.00	59.62 PK	68.20	-8.58	1.99 H	333	56.00	3.62
11	11060.00	55.64 PK	74.00	-18.36	1.93 H	118	47.90	7.74
12	11220.00	55.82 PK	74.00	-18.18	2.02 H	111	48.10	7.72
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5370.00	60.53 PK	74.00	-13.47	1.91 V	359	58.50	2.03
2	5370.00	53.33 AV	54.00	-0.67	1.91 V	359	51.30	2.03
3	5460.00	61.30 PK	74.00	-12.70	1.85 V	355	59.20	2.10
4	5460.00	47.30 AV	54.00	-6.70	1.85 V	355	45.20	2.10
5	#5470.00	61.13 PK	68.20	-7.07	1.80 V	352	59.00	2.13
6	*5530.00	111.52 PK			1.84 V	358	71.10	40.42
7	*5530.00	98.82 AV			1.84 V	358	58.40	40.42
8	*5610.00	112.38 PK			1.49 V	356	71.30	41.08
9	*5610.00	99.58 AV			1.49 V	356	58.50	41.08
10	#5725.00	64.82 PK	68.20	-3.38	1.61 V	359	61.20	3.62
11	11060.00	56.34 PK	74.00	-17.66	1.76 V	2	48.60	7.74
12	11220.00	56.42 PK	74.00	-17.58	1.85 V	358	48.70	7.72

Remarks:

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

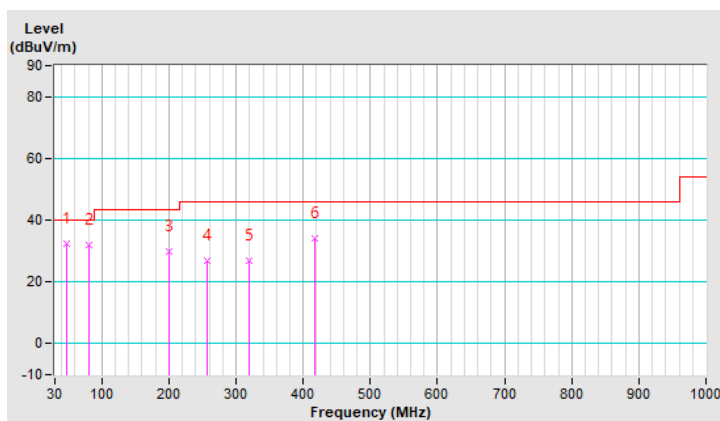
802.11a

CHANNEL	TX Channel 157	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	48.28	32.21 QP	40.00	-7.79	1.99 H	276	50.28	-18.07
2	80.61	31.75 QP	40.00	-8.25	1.99 H	238	55.03	-23.28
3	200.10	29.65 QP	43.50	-13.85	1.49 H	156	51.32	-21.67
4	256.33	27.01 QP	46.00	-18.99	1.00 H	351	46.24	-19.23
5	319.59	26.96 QP	46.00	-19.04	1.49 H	338	43.98	-17.02
6	418.00	34.24 QP	46.00	-11.76	1.00 H	344	48.98	-14.74

Remarks:

1. Emission Level(dBuV/m) = 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

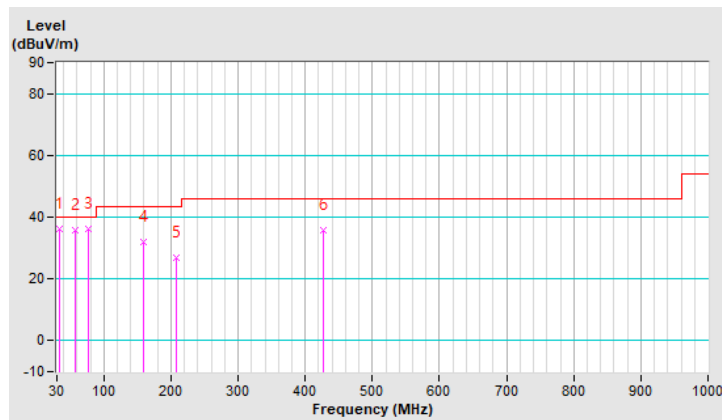


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

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	34.22	36.05 QP	40.00	-3.95	1.00 V	306	55.31	-19.26
2	58.12	35.59 QP	40.00	-4.41	1.00 V	304	54.29	-18.70
3	77.80	36.22 QP	40.00	-3.78	1.00 V	317	58.78	-22.56
4	159.33	32.11 QP	43.50	-11.39	1.49 V	316	50.12	-18.01
5	208.54	26.99 QP	43.50	-16.51	1.00 V	251	48.76	-21.77
6	426.43	35.79 QP	46.00	-10.21	1.49 V	292	50.23	-14.44

Remarks:

1. Emission Level(dBuV/m) = 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



Mode C

Above 1GHz data:

RF Mode	TX 802.11a	Channel	CH 36 : 5180 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	62.77 PK	74.00	-11.23	1.75 H	11	59.91	2.86
2	5150.00	51.86 AV	54.00	-2.14	1.75 H	11	49.00	2.86
3	*5180.00	121.46 PK			1.75 H	6	81.12	40.34
4	*5180.00	113.03 AV			1.75 H	6	72.69	40.34
5	#10360.00	55.46 PK	68.20	-12.74	1.85 H	14	47.52	7.94
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	67.40 PK	74.00	-6.60	1.56 V	21	64.54	2.86
2	5150.00	53.49 AV	54.00	-0.51	1.56 V	21	50.63	2.86
3	*5180.00	122.48 PK			1.57 V	4	82.14	40.34
4	*5180.00	112.09 AV			1.57 V	4	71.75	40.34
5	#10360.00	55.25 PK	68.20	-12.95	1.57 V	22	47.31	7.94

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 40 : 5200 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	124.04 PK			1.58 H	7	83.72	40.32
2	*5200.00	115.21 AV			1.58 H	7	74.89	40.32
3	#10400.00	55.11 PK	68.20	-13.09	1.64 H	21	47.18	7.93
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	123.86 PK			1.71 V	20	83.54	40.32
2	*5200.00	114.70 AV			1.71 V	20	74.38	40.32
3	#10400.00	55.51 PK	68.20	-12.69	1.67 V	28	47.58	7.93

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 48 : 5240 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.07 PK	74.00	-13.93	1.67 H	14	57.21	2.86
2	5150.00	48.46 AV	54.00	-5.54	1.67 H	14	45.60	2.86
3	*5240.00	122.75 PK			1.67 H	0	82.61	40.14
4	*5240.00	113.98 AV			1.67 H	0	73.84	40.14
5	#10480.00	55.42 PK	68.20	-12.78	1.58 H	11	47.63	7.79
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.36 PK	74.00	-14.64	1.59 V	14	56.50	2.86
2	5150.00	48.40 AV	54.00	-5.60	1.59 V	14	45.54	2.86
3	*5240.00	123.47 PK			1.59 V	5	83.33	40.14
4	*5240.00	114.97 AV			1.59 V	5	74.83	40.14
5	#10480.00	55.31 PK	68.20	-12.89	1.58 V	21	47.52	7.79

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 52 : 5260 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.21 PK	74.00	-16.79	1.08 H	10	54.70	2.51
2	5150.00	45.61 AV	54.00	-8.39	1.08 H	10	43.10	2.51
3	*5260.00	117.11 PK			1.40 H	348	77.42	39.69
4	*5260.00	108.00 AV			1.40 H	348	68.31	39.69
5	#10520.00	53.55 PK	68.20	-14.65	3.89 H	250	46.12	7.43
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.03 PK	74.00	-15.97	1.63 V	0	55.52	2.51
2	5150.00	46.37 AV	54.00	-7.63	1.63 V	0	43.86	2.51
3	*5260.00	117.86 PK			1.61 V	358	78.17	39.69
4	*5260.00	108.45 AV			1.61 V	358	68.76	39.69
5	#10520.00	55.94 PK	68.20	-12.26	3.14 V	224	48.51	7.43

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 60 : 5300 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	116.51 PK			1.36 H	352	76.91	39.60
2	*5300.00	107.35 AV			1.36 H	352	67.75	39.60
3	10600.00	54.57 PK	74.00	-19.43	3.94 H	245	46.92	7.65
4	10600.00	42.19 AV	54.00	-11.81	3.94 H	245	34.54	7.65
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	116.96 PK			1.60 V	354	77.36	39.60
2	*5300.00	107.80 AV			1.60 V	354	68.20	39.60
3	10600.00	54.54 PK	74.00	-19.46	3.11 V	226	46.89	7.65
4	10600.00	46.90 AV	54.00	-7.10	3.11 V	226	39.25	7.65

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 64 : 5320 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	117.89 PK			2.33 H	359	78.23	39.66
2	*5320.00	108.78 AV			2.33 H	359	69.12	39.66
3	5350.00	57.02 PK	74.00	-16.98	2.25 H	14	55.18	1.84
4	5350.00	45.64 AV	54.00	-8.36	2.25 H	14	43.80	1.84
5	10640.00	54.42 PK	74.00	-19.58	3.82 H	248	46.67	7.75
6	10640.00	42.87 AV	54.00	-11.13	3.82 H	248	35.12	7.75
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	118.34 PK			1.59 V	353	78.68	39.66
2	*5320.00	109.23 AV			1.59 V	353	69.57	39.66
3	5350.00	57.77 PK	74.00	-16.23	1.39 V	6	55.93	1.84
4	5350.00	46.17 AV	54.00	-7.83	1.39 V	6	44.33	1.84
5	10640.00	54.10 PK	74.00	-19.90	3.54 V	226	46.35	7.75
6	10640.00	44.73 AV	54.00	-9.27	3.54 V	226	36.98	7.75

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 100 : 5500 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.45 PK	74.00	-15.55	1.42 H	359	56.67	1.78
2	5460.00	46.95 AV	54.00	-7.05	1.42 H	359	45.17	1.78
3	#5470.00	59.13 PK	68.20	-9.07	1.38 H	4	57.34	1.79
4	*5500.00	117.97 PK			1.48 H	357	77.97	40.00
5	*5500.00	108.39 AV			1.48 H	357	68.39	40.00
6	11000.00	55.93 PK	74.00	-18.07	3.38 H	194	48.83	7.10
7	11000.00	44.56 AV	54.00	-9.44	3.38 H	194	37.46	7.10
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.07 PK	74.00	-15.93	1.78 V	4	56.29	1.78
2	5460.00	46.32 AV	54.00	-7.68	1.78 V	4	44.54	1.78
3	#5470.00	58.68 PK	68.20	-9.52	1.83 V	358	56.89	1.79
4	*5500.00	116.89 PK			2.19 V	353	76.89	40.00
5	*5500.00	107.48 AV			2.19 V	353	67.48	40.00
6	11000.00	55.70 PK	74.00	-18.30	3.18 V	225	48.60	7.10
7	11000.00	44.34 AV	54.00	-9.66	3.18 V	225	37.24	7.10

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 116 : 5580 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	118.51 PK			1.74 H	355	78.04	40.47
2	*5580.00	109.00 AV			1.74 H	355	68.53	40.47
3	11160.00	57.12 PK	74.00	-16.88	3.41 H	182	48.76	8.36
4	11160.00	45.78 AV	54.00	-8.22	3.41 H	182	37.42	8.36
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	117.89 PK			1.52 V	354	77.42	40.47
2	*5580.00	108.33 AV			1.52 V	354	67.86	40.47
3	11160.00	56.90 PK	74.00	-17.10	3.25 V	244	48.54	8.36
4	11160.00	45.33 AV	54.00	-8.67	3.25 V	244	36.97	8.36

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 140 : 5700 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	118.56 PK			1.89 H	352	77.59	40.97
2	*5700.00	108.51 AV			1.89 H	352	67.54	40.97
3	#5725.00	61.02 PK	68.20	-7.18	1.76 H	4	57.85	3.17
4	11400.00	56.60 PK	74.00	-17.40	3.34 H	236	48.52	8.08
5	11400.00	45.05 AV	54.00	-8.95	3.34 H	236	36.97	8.08
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	118.05 PK			1.46 V	352	77.08	40.97
2	*5700.00	108.10 AV			1.46 V	352	67.13	40.97
3	#5725.00	60.53 PK	68.20	-7.67	1.64 V	358	57.36	3.17
4	11400.00	56.42 PK	74.00	-17.58	3.23 V	238	48.34	8.08
5	11400.00	44.82 AV	54.00	-9.18	3.23 V	238	36.74	8.08

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 144 : 5720 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	59.08 PK	68.20	-9.12	1.88 H	347	57.29	1.79
2	*5720.00	121.42 PK			1.86 H	355	80.28	41.14
3	*5720.00	109.20 AV			1.86 H	355	68.06	41.14
4	#5850.00	59.94 PK	68.20	-8.26	1.79 H	353	56.56	3.38
5	11440.00	56.77 PK	74.00	-17.23	3.39 H	194	48.52	8.25
6	11440.00	45.28 AV	54.00	-8.72	3.39 H	194	37.03	8.25
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.63 PK	68.20	-9.57	1.49 V	352	56.84	1.79
2	*5720.00	120.56 PK			1.43 V	345	79.42	41.14
3	*5720.00	108.48 AV			1.43 V	345	67.34	41.14
4	#5850.00	59.55 PK	68.20	-8.65	1.52 V	357	56.17	3.38
5	11440.00	56.41 PK	74.00	-17.59	3.15 V	237	48.16	8.25
6	11440.00	45.09 AV	54.00	-8.91	3.15 V	237	36.84	8.25

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5646.80	62.49 PK	68.20	-5.71	1.75 H	359	59.57	2.92
2	*5745.00	123.65 PK			1.75 H	359	82.28	41.37
3	*5745.00	114.40 AV			1.75 H	359	73.03	41.37
4	#5934.40	60.33 PK	68.20	-7.87	1.75 H	359	56.97	3.36
5	11490.00	55.74 PK	74.00	-18.26	3.45 H	195	47.28	8.46
6	11490.00	44.24 AV	54.00	-9.76	3.45 H	195	35.78	8.46
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5601.20	59.63 PK	68.20	-8.57	1.25 V	10	57.08	2.55
2	*5745.00	122.16 PK			1.25 V	10	80.79	41.37
3	*5745.00	113.12 AV			1.25 V	10	71.75	41.37
4	#5938.40	58.58 PK	68.20	-9.62	1.25 V	10	55.20	3.38
5	11490.00	56.46 PK	74.00	-17.54	3.08 V	228	48.00	8.46
6	11490.00	47.92 AV	54.00	-6.08	3.08 V	228	39.46	8.46

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5636.00	57.99 PK	68.20	-10.21	1.76 H	340	55.16	2.83
2	*5785.00	122.83 PK			1.76 H	340	81.31	41.52
3	*5785.00	113.38 AV			1.76 H	340	71.86	41.52
4	#5934.80	58.14 PK	68.20	-10.06	1.76 H	340	54.77	3.37
5	11570.00	55.88 PK	74.00	-18.12	3.46 H	199	47.32	8.56
6	11570.00	43.80 AV	54.00	-10.20	3.46 H	199	35.24	8.56
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5618.80	58.67 PK	68.20	-9.53	1.70 V	351	55.97	2.70
2	*5785.00	121.70 PK			1.70 V	351	80.18	41.52
3	*5785.00	112.71 AV			1.70 V	351	71.19	41.52
4	#5978.40	57.81 PK	68.20	-10.39	1.70 V	351	54.22	3.59
5	11570.00	56.84 PK	74.00	-17.16	3.10 V	221	48.28	8.56
6	11570.00	45.87 AV	54.00	-8.13	3.10 V	221	37.31	8.56

Remarks:

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

RF Mode	TX 802.11a	Channel	CH 165 : 5825 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5634.40	58.86 PK	68.20	-9.34	1.79 H	356	56.04	2.82
2	*5825.00	122.84 PK			1.79 H	356	81.25	41.59
3	*5825.00	113.69 AV			1.79 H	356	72.10	41.59
4	#5948.40	60.07 PK	68.20	-8.13	1.79 H	356	56.67	3.40
5	11650.00	55.99 PK	74.00	-18.01	3.44 H	196	47.35	8.64
6	11650.00	44.12 AV	54.00	-9.88	3.44 H	196	35.48	8.64
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5631.60	59.66 PK	68.20	-8.54	1.68 V	350	56.86	2.80
2	*5825.00	122.03 PK			1.68 V	350	80.44	41.59
3	*5825.00	113.16 AV			1.68 V	350	71.57	41.59
4	#5974.00	58.53 PK	68.20	-9.67	1.68 V	350	54.96	3.57
5	11650.00	55.98 PK	74.00	-18.02	3.06 V	230	47.34	8.64
6	11650.00	45.69 AV	54.00	-8.31	3.06 V	230	37.05	8.64

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 36 : 5180 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	64.73 PK	74.00	-9.27	1.74 H	18	61.87	2.86
2	5150.00	52.62 AV	54.00	-1.38	1.74 H	18	49.76	2.86
3	*5180.00	125.71 PK			1.78 H	12	85.37	40.34
4	*5180.00	113.18 AV			1.78 H	12	72.84	40.34
5	#10360.00	55.25 PK	68.20	-12.95	1.82 H	16	47.31	7.94
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	64.14 PK	74.00	-9.86	1.64 V	10	61.28	2.86
2	5150.00	52.92 AV	54.00	-1.08	1.64 V	10	50.06	2.86
3	*5180.00	123.87 PK			1.66 V	0	83.53	40.34
4	*5180.00	112.32 AV			1.66 V	0	71.98	40.34
5	#10360.00	55.30 PK	68.20	-12.90	1.58 V	21	47.36	7.94

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 40 : 5200 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	63.49 PK	74.00	-10.51	1.52 H	18	60.63	2.86
2	5150.00	49.84 AV	54.00	-4.16	1.52 H	18	46.98	2.86
3	*5200.00	117.94 PK			1.61 H	9	77.62	40.32
4	*5200.00	109.35 AV			1.61 H	9	69.03	40.32
5	#10400.00	55.57 PK	68.20	-12.63	1.74 H	16	47.64	7.93
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	66.92 PK	74.00	-7.08	1.64 V	15	64.06	2.86
2	5150.00	53.38 AV	54.00	-0.62	1.64 V	15	50.52	2.86
3	*5200.00	126.33 PK			1.55 V	0	86.01	40.32
4	*5200.00	114.16 AV			1.55 V	0	73.84	40.32
5	#10400.00	55.57 PK	68.20	-12.63	1.64 V	18	47.64	7.93

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 48 : 5240 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.21 PK	74.00	-15.79	1.53 H	18	55.35	2.86
2	5150.00	47.66 AV	54.00	-6.34	1.53 H	18	44.80	2.86
3	*5240.00	125.95 PK			1.63 H	5	85.81	40.14
4	*5240.00	113.61 AV			1.63 H	5	73.47	40.14
5	#10480.00	55.15 PK	68.20	-13.05	1.58 H	33	47.36	7.79
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.67 PK	74.00	-15.33	1.57 V	18	55.81	2.86
2	5150.00	48.06 AV	54.00	-5.94	1.57 V	18	45.20	2.86
3	*5240.00	125.22 PK			1.56 V	5	85.08	40.14
4	*5240.00	114.81 AV			1.56 V	5	74.67	40.14
5	#10480.00	55.42 PK	68.20	-12.78	1.67 V	21	47.63	7.79

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 52 : 5260 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.45 PK	74.00	-14.55	1.63 H	350	56.94	2.51
2	5150.00	47.63 AV	54.00	-6.37	1.63 H	350	45.12	2.51
3	*5260.00	120.56 PK			1.53 H	356	80.87	39.69
4	*5260.00	108.50 AV			1.53 H	356	68.81	39.69
5	#10520.00	54.80 PK	68.20	-13.40	3.37 H	186	47.37	7.43
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.69 PK	74.00	-14.31	1.53 V	7	57.18	2.51
2	5150.00	47.84 AV	54.00	-6.16	1.53 V	7	45.33	2.51
3	*5260.00	120.85 PK			1.44 V	349	81.16	39.69
4	*5260.00	108.68 AV			1.44 V	349	68.99	39.69
5	#10520.00	55.99 PK	68.20	-12.21	3.18 V	237	48.56	7.43

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 60 : 5300 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	120.94 PK			1.56 H	4	81.34	39.60
2	*5300.00	108.54 AV			1.56 H	4	68.94	39.60
3	10600.00	55.07 PK	74.00	-18.93	3.39 H	187	47.42	7.65
4	10600.00	43.49 AV	54.00	-10.51	3.39 H	187	35.84	7.65
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	121.16 PK			1.47 V	352	81.56	39.60
2	*5300.00	108.78 AV			1.47 V	352	69.18	39.60
3	10600.00	56.27 PK	74.00	-17.73	3.26 V	243	48.62	7.65
4	10600.00	44.89 AV	54.00	-9.11	3.26 V	243	37.24	7.65

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 64 : 5320 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	120.60 PK			1.66 H	5	80.94	39.66
2	*5320.00	108.39 AV			1.66 H	5	68.73	39.66
3	5350.00	59.08 PK	74.00	-14.92	1.73 H	12	57.24	1.84
4	5350.00	47.42 AV	54.00	-6.58	1.73 H	12	45.58	1.84
5	10640.00	54.96 PK	74.00	-19.04	3.38 H	192	47.21	7.75
6	10640.00	43.24 AV	54.00	-10.76	3.38 H	192	35.49	7.75
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	121.03 PK			1.56 V	349	81.37	39.66
2	*5320.00	108.67 AV			1.56 V	349	69.01	39.66
3	5350.00	59.33 PK	74.00	-14.67	1.67 V	354	57.49	1.84
4	5350.00	47.73 AV	54.00	-6.27	1.67 V	354	45.89	1.84
5	10640.00	56.09 PK	74.00	-17.91	3.07 V	229	48.34	7.75
6	10640.00	44.72 AV	54.00	-9.28	3.07 V	229	36.97	7.75

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 100 : 5500 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.29 PK	74.00	-14.71	1.49 H	2	57.51	1.78
2	5460.00	48.01 AV	54.00	-5.99	1.49 H	2	46.23	1.78
3	#5470.00	60.36 PK	68.20	-7.84	1.52 H	359	58.57	1.79
4	*5500.00	120.19 PK			1.40 H	354	80.19	40.00
5	*5500.00	107.93 AV			1.40 H	354	67.93	40.00
6	11000.00	55.65 PK	74.00	-18.35	3.47 H	182	48.55	7.10
7	11000.00	44.16 AV	54.00	-9.84	3.47 H	182	37.06	7.10
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.65 PK	74.00	-15.35	1.53 V	357	56.87	1.78
2	5460.00	47.61 AV	54.00	-6.39	1.53 V	357	45.83	1.78
3	#5470.00	59.73 PK	68.20	-8.47	1.55 V	353	57.94	1.79
4	*5500.00	119.86 PK			1.46 V	347	79.86	40.00
5	*5500.00	107.24 AV			1.46 V	347	67.24	40.00
6	11000.00	55.26 PK	74.00	-18.74	3.27 V	224	48.16	7.10
7	11000.00	43.96 AV	54.00	-10.04	3.27 V	224	36.86	7.10

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 116 : 5580 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	120.81 PK			1.82 H	353	80.34	40.47
2	*5580.00	108.55 AV			1.82 H	353	68.08	40.47
3	11160.00	56.79 PK	74.00	-17.21	3.41 H	179	48.43	8.36
4	11160.00	45.32 AV	54.00	-8.68	3.41 H	179	36.96	8.36
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	120.09 PK			1.46 V	348	79.62	40.47
2	*5580.00	107.83 AV			1.46 V	348	67.36	40.47
3	11160.00	56.57 PK	74.00	-17.43	3.16 V	224	48.21	8.36
4	11160.00	45.10 AV	54.00	-8.90	3.16 V	224	36.74	8.36

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 140 : 5700 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	120.39 PK			1.89 H	353	79.42	40.97
2	*5700.00	108.05 AV			1.89 H	353	67.08	40.97
3	#5725.00	60.81 PK	68.20	-7.39	1.74 H	3	57.64	3.17
4	11400.00	56.05 PK	74.00	-17.95	3.37 H	189	47.97	8.08
5	11400.00	44.96 AV	54.00	-9.04	3.37 H	189	36.88	8.08
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	117.94 PK			1.45 V	352	76.97	40.97
2	*5700.00	107.48 AV			1.45 V	352	66.51	40.97
3	#5725.00	60.06 PK	68.20	-8.14	1.42 V	6	56.89	3.17
4	11400.00	55.80 PK	74.00	-18.20	3.14 V	232	47.72	8.08
5	11400.00	44.45 AV	54.00	-9.55	3.14 V	232	36.37	8.08

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 144 : 5720 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	59.63 PK	68.20	-8.57	1.73 H	342	57.84	1.79
2	*5720.00	120.46 PK			1.74 H	336	79.32	41.14
3	*5720.00	108.41 AV			1.74 H	336	67.27	41.14
4	#5850.00	59.95 PK	68.20	-8.25	1.64 H	352	56.57	3.38
5	11440.00	56.59 PK	74.00	-17.41	3.52 H	179	48.34	8.25
6	11440.00	45.19 AV	54.00	-8.81	3.52 H	179	36.94	8.25
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	59.11 PK	68.20	-9.09	1.38 V	349	57.32	1.79
2	*5720.00	119.86 PK			1.47 V	350	78.72	41.14
3	*5720.00	107.78 AV			1.47 V	350	66.64	41.14
4	#5850.00	59.65 PK	68.20	-8.55	1.53 V	352	56.27	3.38
5	11440.00	56.21 PK	74.00	-17.79	3.14 V	227	47.96	8.25
6	11440.00	44.83 AV	54.00	-9.17	3.14 V	227	36.58	8.25

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 149 : 5745 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5642.40	58.62 PK	68.20	-9.58	1.91 H	357	55.74	2.88
2	*5745.00	126.47 PK			1.91 H	357	85.10	41.37
3	*5745.00	113.76 AV			1.91 H	357	72.39	41.37
4	#5966.40	57.91 PK	68.20	-10.29	1.91 H	357	54.40	3.51
5	11490.00	55.70 PK	74.00	-18.30	3.50 H	202	47.24	8.46
6	11490.00	43.93 AV	54.00	-10.07	3.50 H	202	35.47	8.46
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5646.00	58.77 PK	68.20	-9.43	1.72 V	341	55.86	2.91
2	*5745.00	125.35 PK			1.72 V	341	83.98	41.37
3	*5745.00	112.96 AV			1.72 V	341	71.59	41.37
4	#5929.60	57.34 PK	68.20	-10.86	1.72 V	341	53.98	3.36
5	11490.00	56.40 PK	74.00	-17.60	3.09 V	227	47.94	8.46
6	11490.00	47.65 AV	54.00	-6.35	3.09 V	227	39.19	8.46

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 157 : 5785 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5602.00	58.32 PK	68.20	-9.88	1.49 H	359	55.77	2.55
2	*5785.00	125.19 PK			1.49 H	359	83.67	41.52
3	*5785.00	113.41 AV			1.49 H	359	71.89	41.52
4	#5974.40	58.16 PK	68.20	-10.04	1.49 H	359	54.59	3.57
5	11570.00	56.36 PK	74.00	-17.64	3.40 H	188	47.80	8.56
6	11570.00	44.28 AV	54.00	-9.72	3.40 H	188	35.72	8.56
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5638.00	59.15 PK	68.20	-9.05	1.65 V	11	56.30	2.85
2	*5785.00	124.21 PK			1.65 V	11	82.69	41.52
3	*5785.00	112.26 AV			1.65 V	11	70.74	41.52
4	#5934.00	57.64 PK	68.20	-10.56	1.65 V	11	54.28	3.36
5	11570.00	56.63 PK	74.00	-17.37	3.49 V	225	48.07	8.56
6	11570.00	46.39 AV	54.00	-7.61	3.49 V	225	37.83	8.56

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 165 : 5825 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5630.40	60.12 PK	68.20	-8.08	1.87 H	342	57.33	2.79
2	*5825.00	125.42 PK			1.87 H	342	83.83	41.59
3	*5825.00	113.77 AV			1.87 H	342	72.18	41.59
4	#5949.20	58.37 PK	68.20	-9.83	1.87 H	342	54.97	3.40
5	11650.00	55.87 PK	74.00	-18.13	3.42 H	185	47.23	8.64
6	11650.00	44.08 AV	54.00	-9.92	3.42 H	185	35.44	8.64
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5631.20	59.78 PK	68.20	-8.42	1.79 V	351	56.99	2.79
2	*5825.00	124.11 PK			1.79 V	351	82.52	41.59
3	*5825.00	112.76 AV			1.79 V	351	71.17	41.59
4	#5926.00	59.11 PK	68.20	-9.09	1.79 V	351	55.77	3.34
5	11650.00	56.30 PK	74.00	-17.70	3.05 V	224	47.66	8.64
6	11650.00	45.74 AV	54.00	-8.26	3.05 V	224	37.10	8.64

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 38 : 5190 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	64.11 PK	74.00	-9.89	1.71 H	24	61.25	2.86
2	5150.00	52.19 AV	54.00	-1.81	1.71 H	24	49.33	2.86
3	*5190.00	118.02 PK			1.69 H	25	77.69	40.33
4	*5190.00	108.06 AV			1.69 H	25	67.73	40.33
5	#10380.00	55.25 PK	68.20	-12.95	1.64 H	31	47.31	7.94
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	65.37 PK	74.00	-8.63	1.51 V	2	62.51	2.86
2	5150.00	53.30 AV	54.00	-0.70	1.51 V	2	50.44	2.86
3	*5190.00	117.23 PK			1.54 V	4	76.90	40.33
4	*5190.00	108.75 AV			1.54 V	4	68.42	40.33
5	#10380.00	55.25 PK	68.20	-12.95	1.55 V	12	47.31	7.94

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 46 : 5230 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	65.20 PK	74.00	-8.80	1.64 H	21	62.34	2.86
2	5150.00	53.18 AV	54.00	-0.82	1.64 H	21	50.32	2.86
3	*5230.00	120.95 PK			1.59 H	1	80.77	40.18
4	*5230.00	111.19 AV			1.59 H	1	71.01	40.18
5	#10460.00	55.13 PK	68.20	-13.07	1.54 H	16	47.31	7.82
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	63.09 PK	74.00	-10.91	1.64 V	23	60.23	2.86
2	5150.00	52.85 AV	54.00	-1.15	1.64 V	23	49.99	2.86
3	*5230.00	124.19 PK			1.56 V	2	84.01	40.18
4	*5230.00	112.42 AV			1.56 V	2	72.24	40.18
5	#10460.00	55.13 PK	68.20	-13.07	1.64 V	18	47.31	7.82

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 54 : 5270 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.48 PK	74.00	-15.52	1.64 H	348	55.97	2.51
2	5150.00	47.85 AV	54.00	-6.15	1.64 H	348	45.34	2.51
3	*5270.00	117.84 PK			1.57 H	358	78.17	39.67
4	*5270.00	105.28 AV			1.57 H	358	65.61	39.67
5	#10540.00	54.41 PK	68.20	-13.79	3.34 H	179	46.93	7.48
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.79 PK	74.00	-15.21	1.47 V	356	56.28	2.51
2	5150.00	48.13 AV	54.00	-5.87	1.47 V	356	45.62	2.51
3	*5270.00	118.09 PK			1.33 V	349	78.42	39.67
4	*5270.00	105.64 AV			1.33 V	349	65.97	39.67
5	#10540.00	55.74 PK	68.20	-12.46	3.23 V	224	48.26	7.48

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 62 : 5310 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	115.89 PK			1.52 H	355	76.26	39.63
2	*5310.00	105.10 AV			1.52 H	355	65.47	39.63
3	5350.00	60.98 PK	74.00	-13.02	1.58 H	3	59.14	1.84
4	5350.00	50.67 AV	54.00	-3.33	1.58 H	3	48.83	1.84
5	10620.00	54.42 PK	74.00	-19.58	3.38 H	174	46.72	7.70
6	10620.00	42.87 AV	54.00	-11.13	3.38 H	174	35.17	7.70
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	116.27 PK			1.36 V	346	76.64	39.63
2	*5310.00	105.48 AV			1.36 V	346	65.85	39.63
3	5350.00	61.32 PK	74.00	-12.68	1.51 V	346	59.48	1.84
4	5350.00	50.98 AV	54.00	-3.02	1.51 V	346	49.14	1.84
5	10620.00	55.59 PK	74.00	-18.41	3.27 V	225	47.89	7.70
6	10620.00	44.24 AV	54.00	-9.76	3.27 V	225	36.54	7.70

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 102 : 5510 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.70 PK	74.00	-14.30	1.94 H	7	57.92	1.78
2	5460.00	48.38 AV	54.00	-5.62	1.94 H	7	46.60	1.78
3	#5470.00	60.33 PK	68.20	-7.87	1.83 H	2	58.54	1.79
4	*5510.00	117.01 PK			1.71 H	332	76.95	40.06
5	*5510.00	105.00 AV			1.71 H	332	64.94	40.06
6	11020.00	55.16 PK	74.00	-18.84	3.36 H	172	47.86	7.30
7	11020.00	44.04 AV	54.00	-9.96	3.36 H	172	36.74	7.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.27 PK	74.00	-14.73	1.57 V	358	57.49	1.78
2	5460.00	47.92 AV	54.00	-6.08	1.57 V	358	46.14	1.78
3	#5470.00	60.06 PK	68.20	-8.14	1.45 V	3	58.27	1.79
4	*5510.00	116.54 PK			1.52 V	354	76.48	40.06
5	*5510.00	104.59 AV			1.52 V	354	64.53	40.06
6	11020.00	54.94 PK	74.00	-19.06	3.07 V	226	47.64	7.30
7	11020.00	43.84 AV	54.00	-10.16	3.07 V	226	36.54	7.30

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 110 : 5550 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5550.00	117.54 PK			1.67 H	358	77.21	40.33
2	*5550.00	105.45 AV			1.67 H	358	65.12	40.33
3	11100.00	55.97 PK	74.00	-18.03	3.42 H	193	47.88	8.09
4	11100.00	44.90 AV	54.00	-9.10	3.42 H	193	36.81	8.09
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5550.00	117.16 PK			1.43 V	352	76.83	40.33
2	*5550.00	104.65 AV			1.43 V	352	64.32	40.33
3	11100.00	55.52 PK	74.00	-18.48	3.18 V	224	47.43	8.09
4	11100.00	44.61 AV	54.00	-9.39	3.18 V	224	36.52	8.09

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 134 : 5670 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	117.28 PK			1.54 H	355	76.32	40.96
2	*5670.00	105.12 AV			1.54 H	355	64.16	40.96
3	#5725.00	60.95 PK	68.20	-7.25	1.58 H	346	57.78	3.17
4	11340.00	56.18 PK	74.00	-17.82	3.52 H	193	47.76	8.42
5	11340.00	45.06 AV	54.00	-8.94	3.52 H	193	36.64	8.42
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	116.99 PK			1.46 V	348	76.03	40.96
2	*5670.00	104.90 AV			1.46 V	348	63.94	40.96
3	#5725.00	60.60 PK	68.20	-7.60	1.59 V	341	57.43	3.17
4	11340.00	55.85 PK	74.00	-18.15	3.09 V	247	47.43	8.42
5	11340.00	44.85 AV	54.00	-9.15	3.09 V	247	36.43	8.42

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 142 : 5710 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.00 PK	68.20	-10.20	1.72 H	359	56.21	1.79
2	*5710.00	117.44 PK			1.83 H	356	76.38	41.06
3	*5710.00	105.48 AV			1.83 H	356	64.42	41.06
4	#5850.00	60.59 PK	68.20	-7.61	1.78 H	352	57.21	3.38
5	11420.00	56.02 PK	74.00	-17.98	3.48 H	187	47.86	8.16
6	11420.00	44.03 AV	54.00	-9.97	3.48 H	187	35.87	8.16
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	57.66 PK	68.20	-10.54	1.54 V	351	55.87	1.79
2	*5710.00	117.10 PK			1.42 V	343	76.04	41.06
3	*5710.00	105.18 AV			1.42 V	343	64.12	41.06
4	#5850.00	60.17 PK	68.20	-8.03	1.55 V	357	56.79	3.38
5	11420.00	55.74 PK	74.00	-18.26	3.21 V	235	47.58	8.16
6	11420.00	43.80 AV	54.00	-10.20	3.21 V	235	35.64	8.16

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 151 : 5755 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5649.20	59.83 PK	68.20	-8.37	1.43 H	359	56.90	2.93
2	*5755.00	121.57 PK			1.43 H	359	80.14	41.43
3	*5755.00	110.71 AV			1.43 H	359	69.28	41.43
4	#5944.40	59.59 PK	68.20	-8.61	1.43 H	359	56.20	3.39
5	11510.00	55.72 PK	74.00	-18.28	3.52 H	197	47.22	8.50
6	11510.00	43.93 AV	54.00	-10.07	3.52 H	197	35.43	8.50
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5644.00	60.01 PK	68.20	-8.19	1.46 V	352	57.11	2.90
2	*5755.00	120.96 PK			1.46 V	352	79.53	41.43
3	*5755.00	110.05 AV			1.46 V	352	68.62	41.43
4	#5989.20	59.90 PK	68.20	-8.30	1.46 V	352	56.23	3.67
5	11510.00	55.66 PK	74.00	-18.34	3.23 V	238	47.16	8.50
6	11510.00	43.86 AV	54.00	-10.14	3.23 V	238	35.36	8.50

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 159 : 5795 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5612.40	58.04 PK	68.20	-10.16	1.45 H	341	55.40	2.64
2	*5795.00	121.43 PK			1.45 H	341	79.87	41.56
3	*5795.00	109.84 AV			1.45 H	341	68.28	41.56
4	#5928.80	59.70 PK	68.20	-8.50	1.45 H	341	56.34	3.36
5	11590.00	55.76 PK	74.00	-18.24	3.57 H	192	47.18	8.58
6	11590.00	43.94 AV	54.00	-10.06	3.57 H	192	35.36	8.58
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5620.00	58.29 PK	68.20	-9.91	1.42 V	347	55.58	2.71
2	*5795.00	120.82 PK			1.42 V	347	79.26	41.56
3	*5795.00	109.30 AV			1.42 V	347	67.74	41.56
4	#5932.80	59.00 PK	68.20	-9.20	1.42 V	347	55.64	3.36
5	11590.00	55.63 PK	74.00	-18.37	3.17 V	246	47.05	8.58
6	11590.00	43.82 AV	54.00	-10.18	3.17 V	246	35.24	8.58

Remarks:

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

RF Mode	TX 802.11ax (HE80)	Channel	CH 42 : 5210 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	63.30 PK	74.00	-10.70	1.62 H	18	60.44	2.86
2	5150.00	53.02 AV	54.00	-0.98	1.62 H	18	50.16	2.86
3	*5210.00	113.84 PK			1.62 H	9	73.57	40.27
4	*5210.00	103.17 AV			1.62 H	9	62.90	40.27
5	#10420.00	55.20 PK	68.20	-13.00	1.71 H	21	47.31	7.89
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	65.99 PK	74.00	-8.01	1.67 V	31	63.13	2.86
2	5150.00	53.28 AV	54.00	-0.72	1.67 V	31	50.42	2.86
3	*5210.00	114.97 PK			1.62 V	3	74.70	40.27
4	*5210.00	104.05 AV			1.62 V	3	63.78	40.27
5	#10420.00	55.20 PK	68.20	-13.00	1.52 V	31	47.31	7.89

Remarks:

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

RF Mode	TX 802.11ax (HE80)	Channel	CH 58 : 5290 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5290.00	113.15 PK			1.54 H	357	73.52	39.63
2	*5290.00	101.77 AV			1.54 H	357	62.14	39.63
3	5350.00	64.41 PK	74.00	-9.59	1.64 H	2	62.57	1.84
4	5350.00	51.95 AV	54.00	-2.05	1.64 H	2	50.11	1.84
5	#10580.00	54.43 PK	68.20	-13.77	3.37 H	175	46.84	7.59
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5290.00	113.46 PK			1.56 V	349	73.83	39.63
2	*5290.00	102.06 AV			1.56 V	349	62.43	39.63
3	5350.00	64.81 PK	74.00	-9.19	1.44 V	345	62.97	1.84
4	5350.00	52.26 AV	54.00	-1.74	1.44 V	345	50.42	1.84
5	#10580.00	55.43 PK	68.20	-12.77	3.12 V	238	47.84	7.59

Remarks:

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

RF Mode	TX 802.11ax (HE80)	Channel	CH 106 : 5530 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.71 PK	74.00	-12.29	1.67 H	356	59.93	1.78
2	5460.00	50.91 AV	54.00	-3.09	1.67 H	356	49.13	1.78
3	#5470.00	63.05 PK	68.20	-5.15	1.56 H	358	61.26	1.79
4	*5530.00	112.79 PK			1.41 H	355	72.59	40.20
5	*5530.00	102.74 AV			1.41 H	355	62.54	40.20
6	#5725.00	60.30 PK	68.20	-7.90	1.47 H	3	57.13	3.17
7	11060.00	55.15 PK	74.00	-18.85	3.42 H	187	47.46	7.69
8	11060.00	43.93 AV	54.00	-10.07	3.42 H	187	36.24	7.69
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.42 PK	74.00	-12.58	1.53 V	352	59.64	1.78
2	5460.00	50.64 AV	54.00	-3.36	1.53 V	352	48.86	1.78
3	#5470.00	62.55 PK	68.20	-5.65	1.58 V	356	60.76	1.79
4	*5530.00	114.51 PK			1.45 V	346	74.31	40.20
5	*5530.00	102.44 AV			1.45 V	346	62.24	40.20
6	#5725.00	59.91 PK	68.20	-8.29	1.41 V	342	56.74	3.17
7	11060.00	54.93 PK	74.00	-19.07	3.23 V	248	47.24	7.69
8	11060.00	43.55 AV	54.00	-10.45	3.23 V	248	35.86	7.69

Remarks:

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

RF Mode	TX 802.11ax (HE80)	Channel	CH 122 : 5610 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.52 PK	74.00	-15.48	1.73 H	357	56.74	1.78
2	5460.00	47.22 AV	54.00	-6.78	1.73 H	357	45.44	1.78
3	#5470.00	59.47 PK	68.20	-8.73	1.57 H	2	57.68	1.79
4	*5610.00	114.56 PK			1.90 H	351	73.92	40.64
5	*5610.00	102.48 AV			1.90 H	351	61.84	40.64
6	#5725.00	60.42 PK	68.20	-7.78	1.84 H	347	57.25	3.17
7	11220.00	55.75 PK	74.00	-18.25	3.39 H	184	47.19	8.56
8	11220.00	43.94 AV	54.00	-10.06	3.39 H	184	35.38	8.56
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.21 PK	74.00	-15.79	1.45 V	352	56.43	1.78
2	5460.00	46.90 AV	54.00	-7.10	1.45 V	352	45.12	1.78
3	#5470.00	59.03 PK	68.20	-9.17	1.48 V	358	57.24	1.79
4	*5610.00	114.16 PK			1.40 V	347	73.52	40.64
5	*5610.00	102.07 AV			1.40 V	347	61.43	40.64
6	#5725.00	60.11 PK	68.20	-8.09	1.37 V	344	56.94	3.17
7	11220.00	55.40 PK	74.00	-18.60	3.14 V	236	46.84	8.56
8	11220.00	43.68 AV	54.00	-10.32	3.14 V	236	35.12	8.56

Remarks:

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

RF Mode	TX 802.11ax (HE80)	Channel	CH 138 : 5690 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.53 PK	68.20	-9.67	1.81 H	358	56.74	1.79
2	*5690.00	114.70 PK			1.92 H	353	73.74	40.96
3	*5690.00	102.74 AV			1.92 H	353	61.78	40.96
4	#5850.00	59.30 PK	68.20	-8.90	1.86 H	347	55.92	3.38
5	11380.00	55.35 PK	74.00	-18.65	3.46 H	189	47.16	8.19
6	11380.00	43.53 AV	54.00	-10.47	3.46 H	189	35.34	8.19
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.22 PK	68.20	-9.98	1.52 V	351	56.43	1.79
2	*5690.00	114.39 PK			1.43 V	347	73.43	40.96
3	*5690.00	102.42 AV			1.43 V	347	61.46	40.96
4	#5850.00	59.05 PK	68.20	-9.15	1.48 V	356	55.67	3.38
5	11380.00	55.06 PK	74.00	-18.94	3.17 V	235	46.87	8.19
6	11380.00	43.31 AV	54.00	-10.69	3.17 V	235	35.12	8.19

Remarks:

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

RF Mode	TX 802.11ax (HE80)	Channel	CH 155 : 5775 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5649.60	66.26 PK	68.20	-1.94	1.66 H	358	63.32	2.94
2	#5650.00	66.87 PK	68.20	-1.33	1.45 H	18	63.93	2.94
3	*5775.00	115.66 PK			1.66 H	358	74.17	41.49
4	*5775.00	104.61 AV			1.66 H	358	63.12	41.49
5	#5933.60	60.76 PK	68.20	-7.44	1.66 H	358	57.40	3.36
6	11550.00	55.51 PK	74.00	-18.49	3.52 H	195	46.97	8.54
7	11550.00	43.77 AV	54.00	-10.23	3.52 H	195	35.23	8.54
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5647.60	63.84 PK	68.20	-4.36	1.46 V	348	60.92	2.92
2	#5650.00	66.17 PK	68.20	-2.03	1.54 V	353	63.23	2.94
3	*5775.00	115.03 PK			1.46 V	348	73.54	41.49
4	*5775.00	104.15 AV			1.46 V	348	62.66	41.49
5	#5929.20	61.62 PK	68.20	-6.58	1.46 V	348	58.26	3.36
6	11550.00	55.17 PK	74.00	-18.83	3.27 V	245	46.63	8.54
7	11550.00	43.58 AV	54.00	-10.42	3.27 V	245	35.04	8.54

Remarks:

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

RF Mode	TX 802.11ax (HE80+80)	Channel	CH 42+58 : 5210 MHz+5290MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5050.00	60.46 PK	74.00	-13.54	2.18 H	352	58.30	2.16
2	5050.00	51.36 AV	54.00	-2.64	2.18 H	352	49.20	2.16
3	5130.00	62.39 PK	74.00	-11.61	2.38 H	359	60.00	2.39
4	5130.00	48.09 AV	54.00	-5.91	2.38 H	359	45.70	2.39
5	5150.00	64.50 PK	74.00	-9.50	2.16 H	3	62.10	2.40
6	5150.00	48.00 AV	54.00	-6.00	2.16 H	3	45.60	2.40
7	*5210.00	111.51 PK			2.29 H	355	71.30	40.21
8	*5210.00	98.61 AV			2.29 H	355	58.40	40.21
9	*5290.00	110.72 PK			2.54 H	8	70.70	40.02
10	*5290.00	97.32 AV			2.54 H	8	57.30	40.02
11	5350.00	64.35 PK	74.00	-9.65	2.06 H	12	62.30	2.05
12	5350.00	49.95 AV	54.00	-4.05	2.06 H	12	47.90	2.05
13	#10420.00	56.26 PK	68.20	-11.94	1.46 H	10	47.80	8.46
14	#10580.00	56.93 PK	68.20	-11.27	1.33 H	2	48.20	8.73

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5050.00	57.96 PK	74.00	-16.04	1.53 V	3	55.80	2.16
2	5050.00	46.16 AV	54.00	-7.84	1.53 V	3	44.00	2.16
3	5130.00	66.59 PK	74.00	-7.41	1.48 V	10	64.20	2.39
4	5130.00	50.39 AV	54.00	-3.61	1.48 V	10	48.00	2.39
5	5150.00	68.00 PK	74.00	-6.00	1.39 V	359	65.60	2.40
6	5150.00	49.10 AV	54.00	-4.90	1.39 V	359	46.70	2.40
7	*5210.00	111.41 PK			1.29 V	4	71.20	40.21
8	*5210.00	97.41 AV			1.29 V	4	57.20	40.21
9	*5290.00	111.72 PK			1.47 V	354	71.70	40.02
10	*5290.00	98.22 AV			1.47 V	354	58.20	40.02
11	5350.00	62.35 PK	74.00	-11.65	1.58 V	359	60.30	2.05
12	5350.00	49.35 AV	54.00	-4.65	1.58 V	359	47.30	2.05
13	#10420.00	56.36 PK	68.20	-11.84	1.76 V	20	47.90	8.46
14	#10580.00	57.23 PK	68.20	-10.97	1.69 V	27	48.50	8.73

Remarks:

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

RF Mode	TX 802.11ax (HE80+80)	Channel	CH 106+122 : 5530 MHz+5610 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5370.00	61.23 PK	74.00	-12.77	1.57 H	358	59.20	2.03
2	5370.00	53.33 AV	54.00	-0.67	1.57 H	358	51.30	2.03
3	5460.00	58.60 PK	74.00	-15.40	1.77 H	3	56.50	2.10
4	5460.00	45.70 AV	54.00	-8.30	1.77 H	3	43.60	2.10
5	#5470.00	59.33 PK	68.20	-8.87	1.82 H	352	57.20	2.13
6	*5530.00	107.32 PK			1.70 H	357	66.90	40.42
7	*5530.00	94.42 AV			1.70 H	357	54.00	40.42
8	*5610.00	107.48 PK			1.77 H	340	66.40	41.08
9	*5610.00	94.78 AV			1.77 H	340	53.70	41.08
10	#5725.00	59.72 PK	68.20	-8.48	1.88 H	352	56.10	3.62
11	11060.00	57.78 PK	74.00	-16.22	1.49 H	5	48.90	8.88
12	11060.00	43.98 AV	54.00	-10.02	1.49 H	5	35.10	8.88
13	11220.00	57.86 PK	74.00	-16.14	1.41 H	7	49.00	8.86
14	11220.00	44.16 AV	54.00	-9.84	1.41 H	7	35.30	8.86

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5370.00	57.83 PK	74.00	-16.17	2.28 V	20	55.80	2.03
2	5370.00	45.03 AV	54.00	-8.97	2.28 V	20	43.00	2.03
3	5460.00	59.40 PK	74.00	-14.60	2.47 V	16	57.30	2.10
4	5460.00	46.90 AV	54.00	-7.10	2.47 V	16	44.80	2.10
5	#5470.00	60.93 PK	68.20	-7.27	2.50 V	17	58.80	2.13
6	*5530.00	106.42 PK			2.46 V	359	66.00	40.42
7	*5530.00	92.22 AV			2.46 V	359	51.80	40.42
8	*5610.00	106.58 PK			2.33 V	10	65.50	41.08
9	*5610.00	93.78 AV			2.33 V	10	52.70	41.08
10	#5725.00	59.42 PK	68.20	-8.78	2.16 V	19	55.80	3.62
11	11060.00	58.08 PK	74.00	-15.92	1.76 V	22	49.20	8.88
12	11060.00	44.38 AV	54.00	-9.62	1.76 V	22	35.50	8.88
13	11220.00	58.26 PK	74.00	-15.74	1.65 V	19	49.40	8.86
14	11220.00	44.56 AV	54.00	-9.44	1.65 V	19	35.70	8.86

Remarks:

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

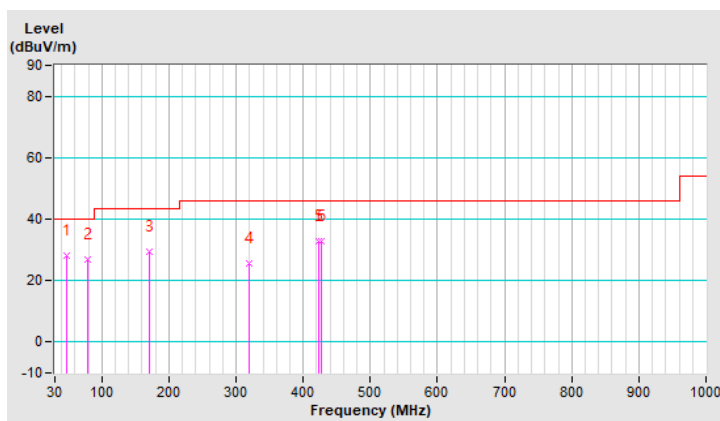
802.11a

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	46.87	27.97 QP	40.00	-12.03	1.50 H	241	46.13	-18.16
2	79.20	26.82 QP	40.00	-13.18	2.00 H	244	49.73	-22.91
3	170.58	29.39 QP	43.50	-14.11	1.00 H	190	47.92	-18.53
4	319.59	25.62 QP	46.00	-20.38	1.00 H	340	42.64	-17.02
5	422.22	32.60 QP	46.00	-13.40	2.00 H	304	47.18	-14.58
6	426.43	32.91 QP	46.00	-13.09	1.00 H	106	47.35	-14.44

Remarks:

1. Emission Level(dBuV/m) = 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

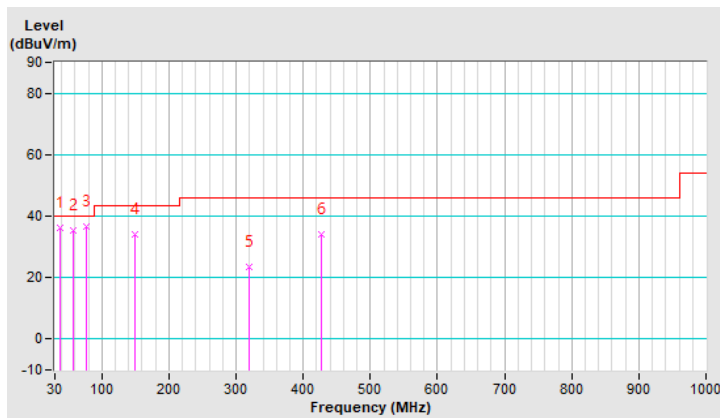


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

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	38.43	36.16 QP	40.00	-3.84	1.00 V	282	54.87	-18.71
2	58.12	35.52 QP	40.00	-4.48	1.00 V	315	54.22	-18.70
3	77.80	36.42 QP	40.00	-3.58	1.00 V	266	58.98	-22.56
4	149.49	34.09 QP	43.50	-9.41	1.50 V	325	52.14	-18.05
5	319.59	23.47 QP	46.00	-22.53	1.00 V	129	40.49	-17.02
6	427.84	34.02 QP	46.00	-11.98	1.00 V	288	48.41	-14.39

Remarks:

1. Emission Level(dBuV/m) = 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	ESR3	102412	Jan. 22, 2022	Jan. 21, 2023
RF signal cable Woken	5D-FB	Cable-cond2-01	Sep. 04, 2021	Sep. 03, 2022
LISN ROHDE & SCHWARZ (EUT)	ENV216	101196	Apr. 26, 2021	Apr. 25, 2022
LISN ROHDE & SCHWARZ (Peripheral)	ESH3-Z5	100312	Sep. 17, 2021	Sep. 16, 2022
Software ADT	BV ADT_Conf_ 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 2.

3. The VCCI Site Registration No. is C-12047.

4. Test Date: Apr. 19, 2022

4.2.3 Test Procedures

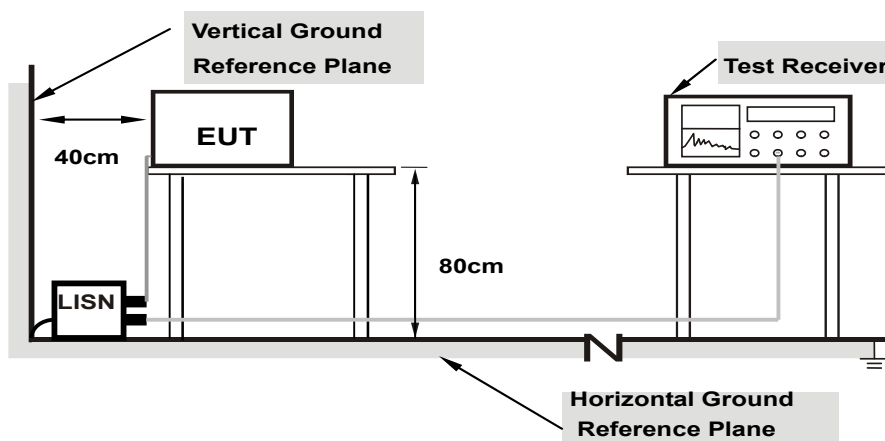
- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

Note: 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:

Mode A

802.11ax (HE20)

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

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16190	10.14	39.32	27.44	49.46	37.58	65.37	55.37	-15.91	-17.79
2	0.19400	10.16	33.80	23.21	43.96	33.37	63.86	53.86	-19.90	-20.49
3	0.23000	10.17	27.19	17.38	37.36	27.55	62.45	52.45	-25.09	-24.90
4	0.43800	10.24	28.19	21.62	38.43	31.86	57.10	47.10	-18.67	-15.24
5	2.43400	10.38	27.62	18.04	38.00	28.42	56.00	46.00	-18.00	-17.58
6	20.80200	10.59	16.59	8.88	27.18	19.47	60.00	50.00	-32.82	-30.53

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.

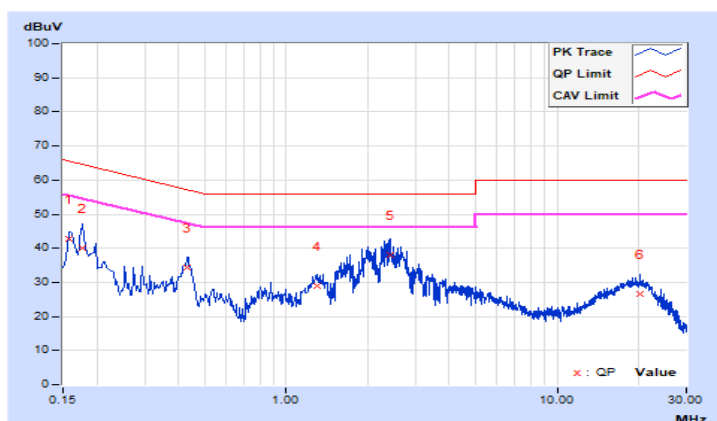


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)
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No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15800	10.15	32.76	25.82	42.91	35.97	65.57	55.57	-22.66	-19.60
2	0.17800	10.17	30.01	22.73	40.18	32.90	64.58	54.58	-24.40	-21.68
3	0.43256	10.26	24.16	16.45	34.42	26.71	57.20	47.20	-22.78	-20.49
4	1.29400	10.32	18.50	13.44	28.82	23.76	56.00	46.00	-27.18	-22.24
5	2.42600	10.37	27.80	18.65	38.17	29.02	56.00	46.00	-17.83	-16.98
6	20.35000	10.74	15.71	9.86	26.45	20.60	60.00	50.00	-33.55	-29.40

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.



Mode B

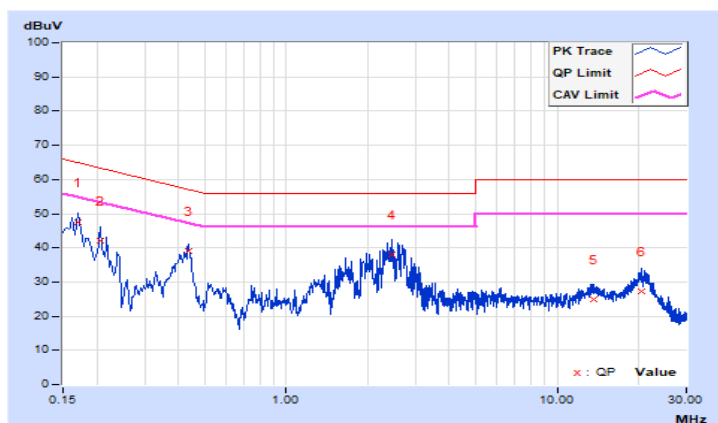
802.11a

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

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.17000	10.14	37.44	26.41	47.58	36.55	64.96	54.96	-17.38	-18.41
2	0.20600	10.16	31.98	21.70	42.14	31.86	63.37	53.37	-21.23	-21.51
3	0.43400	10.24	28.80	21.48	39.04	31.72	57.18	47.18	-18.14	-15.46
4	2.44200	10.38	27.52	17.92	37.90	28.30	56.00	46.00	-18.10	-17.70
5	13.65000	10.50	14.53	8.47	25.03	18.97	60.00	50.00	-34.97	-31.03
6	20.57400	10.59	16.71	9.43	27.30	20.02	60.00	50.00	-32.70	-29.98

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.

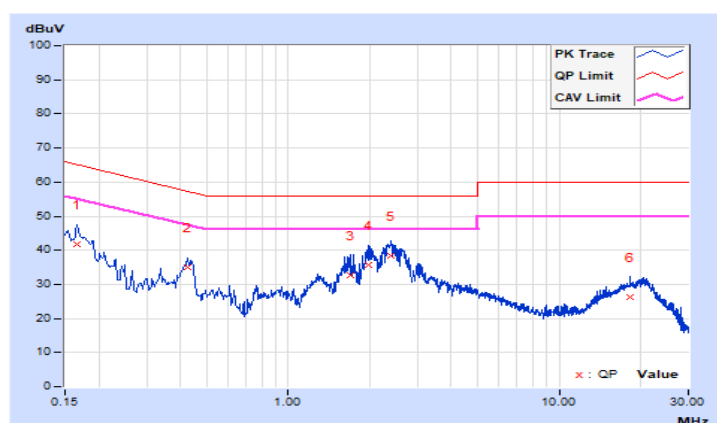


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)
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No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16600	10.16	31.52	23.67	41.68	33.83	65.16	55.16	-23.48	-21.33
2	0.42577	10.26	24.74	18.36	35.00	28.62	57.33	47.33	-22.33	-18.71
3	1.69328	10.34	22.35	15.54	32.69	25.88	56.00	46.00	-23.31	-20.12
4	1.97800	10.36	25.26	17.55	35.62	27.91	56.00	46.00	-20.38	-18.09
5	2.40600	10.37	28.09	19.12	38.46	29.49	56.00	46.00	-17.54	-16.51
6	18.19000	10.70	15.41	9.78	26.11	20.48	60.00	50.00	-33.89	-29.52

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.



Mode C

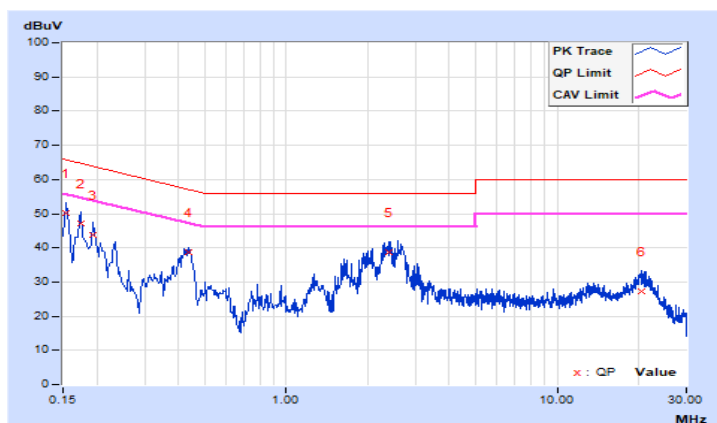
802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)
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No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15400	10.13	39.89	29.55	50.02	39.68	65.78	55.78	-15.76	-16.10
2	0.17400	10.14	36.92	26.54	47.06	36.68	64.77	54.77	-17.71	-18.09
3	0.19400	10.16	33.62	23.56	43.78	33.72	63.86	53.86	-20.08	-20.14
4	0.43800	10.24	28.64	22.07	38.88	32.31	57.10	47.10	-18.22	-14.79
5	2.39400	10.38	28.36	19.30	38.74	29.68	56.00	46.00	-17.26	-16.32
6	20.60600	10.59	16.82	9.42	27.41	20.01	60.00	50.00	-32.59	-29.99

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.

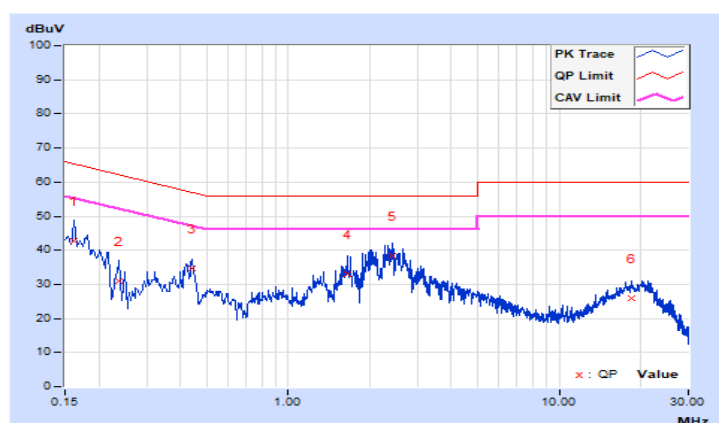


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)
-------	-------------	-------------------	--------------------------------

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16190	10.15	32.66	24.93	42.81	35.08	65.37	55.37	-22.56	-20.29
2	0.23785	10.20	20.76	12.41	30.96	22.61	62.17	52.17	-31.21	-29.56
3	0.44177	10.26	24.33	17.95	34.59	28.21	57.03	47.03	-22.44	-18.82
4	1.65800	10.34	22.76	16.46	33.10	26.80	56.00	46.00	-22.90	-19.20
5	2.41000	10.37	28.15	19.34	38.52	29.71	56.00	46.00	-17.48	-16.29
6	18.49000	10.71	15.23	9.36	25.94	20.07	60.00	50.00	-34.06	-29.93

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 $N_{ANT} \leq 4$;

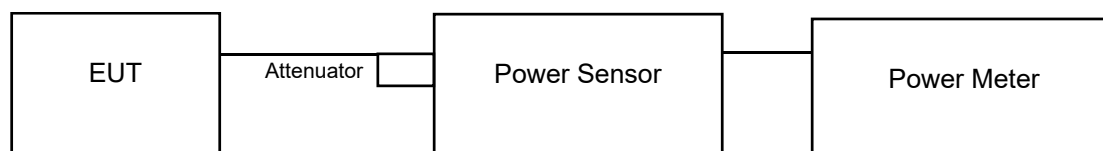
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT} ;

Array Gain = $5 \log(N_{ANT}/N_{SS})$ dB or 3 dB, whichever is less for 20-MHz channel widths with $N_{ANT} \geq 5$.

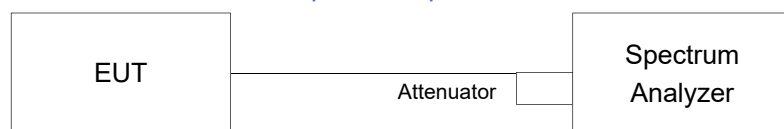
For power measurements on all other devices: Array Gain = $10 \log(N_{ANT}/N_{SS})$ dB.

4.3.2 Test Setup

For Power Output



For 26dB Bandwidth and power output of transmission above 5.725 GHz where the EBW crosses 5.725 GHz



4.3.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.3.4 Test Procedure

For Average Power Measurement

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.

For transmission above 5.725 GHz where the EBW crosses 5.725 GHz

For channel aggregation (channel 138, 142, 144) measurement refer to KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Section II E 2 e) method SA-2A.

For 26dB Bandwidth

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

4.3.5 Deviation from Test Standard

No deviation.

4.3.6 EUT Operating 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

Mode A

CDD Mode (For U-NII-1 Band - Outdoor Access Point)

802.11a

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	11.02	11.65	12.02	11.78	58.257	17.65	30.00	3.17	20.82	21.00	Pass
40	5200	11.01	11.67	11.62	11.79	56.929	17.55	30.00	3.17	20.72	21.00	Pass
48	5240	10.90	11.52	11.60	11.71	55.773	17.46	30.00	3.17	20.63	21.00	Pass

Note:

1. Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.
2. Antenna gain = 3.17dBi (above 30 degrees from the horizon).
3. EIRP = average power + (3.17dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11n (HT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	11.22	11.42	11.19	10.78	52.231	17.18	30.00	3.17	20.35	21.00	Pass
40	5200	10.78	11.35	11.54	11.78	54.935	17.40	30.00	3.17	20.57	21.00	Pass
48	5240	10.65	11.39	11.51	11.48	53.605	17.29	30.00	3.17	20.46	21.00	Pass

Note:

1. Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.
2. Antenna gain = 3.17dBi (above 30 degrees from the horizon).
3. EIRP = average power + (3.17dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11n (HT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
38	5190	8.95	9.63	9.92	9.64	36.058	15.57	30.00	3.17	18.74	21.00	Pass
46	5230	10.85	11.46	11.67	11.40	54.651	17.38	30.00	3.17	20.55	21.00	Pass

Note:

1. Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.
2. Antenna gain = 3.17dBi (above 30 degrees from the horizon).
3. EIRP = average power + (3.17dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	11.30	11.51	11.21	10.81	52.911	17.24	30.00	3.17	20.41	21.00	Pass
40	5200	10.83	11.40	11.58	11.81	55.468	17.44	30.00	3.17	20.61	21.00	Pass
48	5240	10.75	11.52	11.61	11.55	54.852	17.39	30.00	3.17	20.56	21.00	Pass

Note:

1. Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.
2. Antenna gain = 3.17dBi (above 30 degrees from the horizon).
3. EIRP = average power + (3.17dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
38	5190	9.01	9.67	9.98	9.68	36.474	15.62	30.00	3.17	18.79	21.00	Pass
46	5230	10.90	11.52	11.73	11.44	55.318	17.43	30.00	3.17	20.60	21.00	Pass

Note:

1. Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.
2. Antenna gain = 3.17dBi (above 30 degrees from the horizon).
3. EIRP = average power + (3.17dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42	5210	9.09	9.73	10.01	9.80	37.08	15.69	30.00	3.17	18.86	21.00	Pass

Note:

1. Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.
2. Antenna gain = 3.17dBi (above 30 degrees from the horizon).
3. EIRP = average power + (3.17dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ac (VHT80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42+58 (L)	5210	12.28	13.14	-	-	37.511	15.74	30.00	3.17	18.91	21.00	Pass

Note:

1. Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.
2. Antenna gain = 3.17dBi (above 30 degrees from the horizon).
3. EIRP = average power + (3.17dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	11.48	11.65	11.39	10.95	54.899	17.40	30.00	3.17	20.57	21.00	Pass
40	5200	10.89	11.43	11.61	12.01	56.547	17.52	30.00	3.17	20.69	21.00	Pass
48	5240	10.96	11.60	11.70	11.64	56.307	17.51	30.00	3.17	20.68	21.00	Pass

Note:

1. Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.
2. Antenna gain = 3.17dBi (above 30 degrees from the horizon).
3. EIRP = average power + (3.17dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
38	5190	9.05	9.72	10.05	9.72	36.902	15.67	30.00	3.17	18.84	21.00	Pass
46	5230	10.93	11.59	11.80	11.51	56.103	17.49	30.00	3.17	20.66	21.00	Pass

Note:

1. Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.
2. Antenna gain = 3.17dBi (above 30 degrees from the horizon).
3. EIRP = average power + (3.17dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42	5210	9.12	9.78	10.05	9.84	37.426	15.73	30.00	3.17	18.90	21.00	Pass

Note:

1. Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.
2. Antenna gain = 3.17dBi (above 30 degrees from the horizon).
3. EIRP = average power + (3.17dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

802.11ax (HE80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42+58 (L)	5210	12.36	13.21	-	-	38.16	15.82	30.00	3.17	18.99	21.00	Pass

Note:

1. Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.
2. Antenna gain = 3.17dBi (above 30 degrees from the horizon).
3. EIRP = average power + (3.17dBi) + array gain = (0 dB (i.e., no array gain) for $N_{ANT} \leq 4$).

CDD Mode (For U-NII-1 Band - Indoor Access Point)

802.11a

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	17.27	17.38	17.40	17.26	216.200	23.35	30.00	Pass
40	5200	17.19	17.34	17.28	17.32	213.968	23.30	30.00	Pass
48	5240	17.23	17.30	17.20	17.39	213.856	23.30	30.00	Pass

Note: Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.

802.11n (HT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	17.20	17.50	17.46	17.35	218.758	23.40	30.00	Pass
40	5200	17.48	17.60	17.64	17.68	230.210	23.62	30.00	Pass
48	5240	17.57	17.70	17.58	17.73	232.604	23.67	30.00	Pass

Note: Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.

802.11n (HT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	14.56	16.74	15.14	14.42	136.110	21.34	30.00	Pass
46	5230	20.43	20.63	20.78	20.65	461.838	26.64	30.00	Pass

Note: Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	17.23	17.53	17.50	17.38	220.404	23.43	30.00	Pass
40	5200	17.53	17.63	17.67	17.71	232.066	23.66	30.00	Pass
48	5240	17.60	17.72	17.62	17.77	234.351	23.70	30.00	Pass

Note: Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	14.60	16.78	15.18	14.45	137.306	21.38	30.00	Pass
46	5230	20.48	20.67	20.83	20.70	466.917	26.69	30.00	Pass

Note: Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	14.74	16.67	15.38	14.90	141.654	21.51	30.00	Pass

Note: Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.

802.11ac (VHT80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42+58 (L)	5210	12.28	13.14	-	-	37.511	15.74	30.00	Pass

Note: Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	17.29	17.59	17.52	17.41	222.566	23.47	30.00	Pass
40	5200	17.58	17.69	17.71	17.75	234.615	23.70	30.00	Pass
48	5240	17.65	17.79	17.65	17.80	236.794	23.74	30.00	Pass

Note: Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	14.65	16.80	15.21	14.47	138.217	21.41	30.00	Pass
46	5230	20.52	20.72	20.87	20.74	471.509	26.73	30.00	Pass

Note: Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	14.80	16.72	15.42	14.92	143.068	21.56	30.00	Pass

Note: Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.

802.11ax (HE80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42+58 (L)	5210	12.36	13.21	-	-	38.160	15.82	30.00	Pass

Note: Antenna gain = 6dBi = 6dBi, so the output power limit shall not be reduced.

Beamforming Mode (For U-NII-1 Band - Outdoor Access Point)

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	7.61	7.78	7.45	7.09	22.441	13.51	23.98	6.84	20.35	21.00	Pass
40	5200	7.13	7.78	7.83	7.99	23.524	13.72	23.98	6.84	20.56	21.00	Pass
48	5240	7.01	7.80	7.85	7.86	23.254	13.66	23.98	6.84	20.50	21.00	Pass

Note:

1. Directional gain = 6 dBi + $10\log(4)$ = 12.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.02 - 6) = 23.98dBm.
2. Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4]$ + $10\log(4)$ = 6.84dBi (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 6.84dBi (above 30 degrees from the horizon)).

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
38	5190	7.25	7.87	8.07	7.84	23.926	13.79	23.98	6.84	20.63	21.00	Pass
46	5230	7.32	7.95	8.08	7.94	24.282	13.85	23.98	6.84	20.69	21.00	Pass

Note:

1. Directional gain = 6 dBi + $10\log(4)$ = 12.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.02 - 6) = 23.98dBm.
2. Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4]$ + $10\log(4)$ = 6.84dBi (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 6.84dBi (above 30 degrees from the horizon)).

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42	5210	7.38	7.98	7.98	7.87	24.155	13.83	23.98	6.84	20.67	21.00	Pass

Note:

1. Directional gain = 6 dBi + $10\log(4)$ = 12.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.02 - 6) = 23.98dBm.
2. Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4]$ + $10\log(4)$ = 6.84dBi (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 6.84dBi (above 30 degrees from the horizon)).

802.11ac (VHT80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42+58 (L)	5210	10.34	11.23	-	-	24.088	13.82	26.99	6.84	20.66	21.00	Pass

Note:

1. Directional gain = 6 dBi + 10log(2) = 9.01 dBi > 6dBi, so the power limit shall be reduced to 30 - (9.01 - 6) = 26.99dBm.
2. Directional gain = 10 log $[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4]$ + 10log(4) = 6.84dBi (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 6.84dBi (above 30 degrees from the horizon)).

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	7.76	7.94	7.67	7.20	23.289	13.67	23.98	6.84	20.51	21.00	Pass
40	5200	7.10	7.76	8.04	8.12	23.953	13.79	23.98	6.84	20.63	21.00	Pass
48	5240	7.23	7.89	8.01	7.95	23.998	13.80	23.98	6.84	20.64	21.00	Pass

Note:

1. Directional gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.02 - 6) = 23.98dBm.
2. Directional gain = 10 log $[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4]$ + 10log(4) = 6.84dBi (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 6.84dBi (above 30 degrees from the horizon)).

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
38	5190	7.35	7.95	8.19	7.99	24.557	13.90	23.98	6.84	20.74	21.00	Pass
46	5230	7.28	7.83	8.04	7.85	23.876	13.78	23.98	6.84	20.62	21.00	Pass

Note:

1. Directional gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.02 - 6) = 23.98dBm.
2. Directional gain = 10 log $[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4]$ + 10log(4) = 6.84dBi (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 6.84dBi (above 30 degrees from the horizon)).

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42	5210	7.15	7.70	7.83	7.91	23.324	13.68	23.98	6.84	20.52	21.00	Pass

Note:

1. Directional gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.02 - 6) = 23.98dBm.
2. Directional gain = 10 log $[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4]$ + 10log(4) = 6.84dBi (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 6.84dBi (above 30 degrees from the horizon)).

802.11ax (HE80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42+58 (L)	5210	10.39	11.31	-	-	24.46	13.88	26.99	6.84	20.72	21.00	Pass

Note:

1. Directional gain = 6 dBi + $10\log(2)$ = 9.01 dBi > 6dBi, so the power limit shall be reduced to 30 - (9.01 - 6) = 26.99dBm.
2. Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4]$ + $10\log(4)$ = 6.84dBi (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 6.84dBi (above 30 degrees from the horizon)).

Beamforming Mode (For U-NII-1 Band - Indoor Access Point)

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	16.23	16.51	16.42	16.33	173.554	22.39	23.98	Pass
40	5200	16.52	16.57	16.59	16.66	182.217	22.61	23.98	Pass
48	5240	16.06	16.21	16.08	16.23	164.674	22.17	23.98	Pass

Note: Directional gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.02 - 6) = 23.98dBm.

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	12.60	14.71	13.09	12.34	85.287	19.31	23.98	Pass
46	5230	16.01	16.23	16.35	16.21	166.813	22.22	23.98	Pass

Note: Directional gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.02 - 6) = 23.98dBm.

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	13.25	15.01	13.70	13.23	97.311	19.88	23.98	Pass

Note: Directional gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.02 - 6) = 23.98dBm.

802.11ac (VHT80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42+58 (L)	5210	10.34	11.23	-	-	24.088	13.82	26.99	Pass

Note: Directional gain = 6 dBi + 10log(2) = 9.01 dBi > 6dBi, so the power limit shall be reduced to 30 - (9.01 - 6) = 26.99dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	16.26	16.56	16.48	16.38	175.471	22.44	23.98	Pass
40	5200	16.54	16.62	16.63	16.71	183.908	22.65	23.98	Pass
48	5240	16.12	16.25	16.11	16.27	166.292	22.21	23.98	Pass

Note: Directional gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.02 - 6) = 23.98dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	12.63	14.74	13.14	12.38	86.013	19.35	23.98	Pass
46	5230	16.06	16.30	16.41	16.25	168.944	22.28	23.98	Pass

Note: Directional gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.02 - 6) = 23.98dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	13.29	15.04	13.74	13.26	98.089	19.92	23.98	Pass

Note: Directional gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.02 - 6) = 23.98dBm.

802.11ax (HE80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42+58 (L)	5210	10.39	11.31	-	-	24.460	13.88	26.99	Pass

Note: Directional gain = 6 dBi + 10log(2) = 9.01 dBi > 6dBi, so the power limit shall be reduced to 30 - (9.01 - 6) = 26.99dBm.

Indoor/Outdoor (For 5250-5320MHz, 5500-5720MHz, 5745-5825MHz)

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				
52	5260	9.45	10.30	10.12	10.09	40.015	16.02	23.91	Pass
60	5300	9.68	10.31	10.19	10.11	40.733	16.10	23.90	Pass
64	5320	9.72	10.22	10.14	10.19	40.67	16.09	23.91	Pass
100	5500	10.14	10.94	10.32	10.39	44.448	16.48	23.90	Pass
116	5580	9.94	10.85	10.03	10.09	42.303	16.26	23.86	Pass
140	5700	9.83	10.55	9.45	9.69	39.088	15.92	23.88	Pass
144	5720 For U-NII-2C	9.21	9.74	8.50	8.68	34.237	15.34	22.72	Pass
144	5720 For U-NII-3	1.95	2.89	2.41	1.96	7.253	8.61	30.00	Pass
149	5745	22.57	23.45	22.05	22.49	739.77	28.69	30.00	Pass
157	5785	22.34	23.18	22.11	22.23	709.029	28.51	30.00	Pass
165	5825	22.33	23.11	22.09	22.31	707.67	28.50	30.00	Pass

For U-NII-2A, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-2C, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-3, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	19.55	23.91	<	24.00
60	5300	19.51	23.90	<	24.00
64	5320	19.56	23.91	<	24.00
100	5500	19.52	23.90	<	24.00
116	5580	19.33	23.86	<	24.00
140	5700	19.44	23.88	<	24.00
144 (U-NII-2C)	5720	14.88	22.72	<	24.00

802.11n (HT20)

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				
52	5260	10.27	10.59	10.83	10.52	45.475	16.58	24.00	Pass
60	5300	9.97	10.77	10.75	10.52	45.028	16.53	24.00	Pass
64	5320	9.97	10.56	10.76	10.62	44.754	16.51	24.00	Pass
100	5500	10.14	10.97	10.22	10.37	44.239	16.46	24.00	Pass
116	5580	10.00	10.95	9.97	10.13	42.68	16.30	24.00	Pass
140	5700	9.91	10.58	9.64	9.64	39.633	15.98	24.00	Pass
144	5720 For U-NII-2C	8.93	9.64	8.82	8.53	33.345	15.23	22.94	Pass
144	5720 For U-NII-3	3.80	3.93	3.37	3.27	9.621	9.83	30.00	Pass
149	5745	22.57	23.36	22.13	22.56	741.095	28.70	30.00	Pass
157	5785	22.34	23.20	22.02	22.25	707.427	28.50	30.00	Pass
165	5825	22.25	23.23	22.11	22.33	711.815	28.52	30.00	Pass

For U-NII-2A, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-2C, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-3, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	21.28	24.27	>	24.00
60	5300	21.35	24.29	>	24.00
64	5320	21.20	24.26	>	24.00
100	5500	21.44	24.31	>	24.00
116	5580	21.21	24.26	>	24.00
140	5700	21.12	24.24	>	24.00
144 (U-NII-2C)	5720	15.64	22.94	<	24.00

802.11n (HT40)

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				
54	5270	12.53	13.16	13.27	13.16	80.541	19.06	24.00	Pass
62	5310	13.04	13.75	13.72	13.49	89.737	19.53	24.00	Pass
102	5510	13.11	14.01	13.31	13.55	89.717	19.53	24.00	Pass
110	5550	13.24	14.01	13.23	13.61	90.262	19.56	24.00	Pass
134	5670	13.17	13.87	12.87	12.90	83.99	19.24	24.00	Pass
142	5710 For U-NII-2C	12.92	13.44	12.35	12.60	80.655	19.07	24.00	Pass
142	5710 For U-NII-3	2.16	3.10	2.16	2.00	7.239	8.60	30.00	Pass
151	5755	22.26	23.37	21.77	22.34	707.247	28.50	30.00	Pass
159	5795	22.10	23.14	21.60	21.96	669.824	28.26	30.00	Pass

For U-NII-2A, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-2C, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-3, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
54	5270	41.72	27.20	>	24.00
62	5310	42.09	27.24	>	24.00
102	5510	41.99	27.23	>	24.00
110	5550	42.09	27.24	>	24.00
134	5670	42.03	27.23	>	24.00
142 (U-NII-2C)	5710	35.99	26.56	>	24.00

802.11ac (VHT20)

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				
52	5260	10.31	10.62	10.87	10.56	45.869	16.62	24.00	Pass
60	5300	10.00	10.79	10.77	10.54	45.259	16.56	24.00	Pass
64	5320	9.99	10.58	10.80	10.66	45.07	16.54	24.00	Pass
100	5500	10.16	11.00	10.25	10.41	44.547	16.49	24.00	Pass
116	5580	10.02	10.99	10.01	10.16	43.005	16.34	24.00	Pass
140	5700	9.93	10.60	9.66	9.67	39.837	16.00	24.00	Pass
144	5720 For U-NII-2C	8.95	9.67	8.84	8.56	33.538	15.26	22.94	Pass
144	5720 For U-NII-3	3.83	3.95	3.40	3.30	9.681	9.86	30.00	Pass
149	5745	22.59	23.39	22.16	22.59	745.813	28.73	30.00	Pass
157	5785	22.38	23.23	22.05	22.28	712.728	28.53	30.00	Pass
165	5825	22.27	23.25	22.14	22.35	715.477	28.55	30.00	Pass

For U-NII-2A, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-2C, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-3, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	21.28	24.27	>	24.00
60	5300	21.35	24.29	>	24.00
64	5320	21.20	24.26	>	24.00
100	5500	21.44	24.31	>	24.00
116	5580	21.21	24.26	>	24.00
140	5700	21.12	24.24	>	24.00
144 (U-NII-2C)	5720	15.64	22.94	<	24.00

802.11ac (VHT40)

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				
54	5270	12.57	13.18	13.31	13.20	81.191	19.10	24.00	Pass
62	5310	13.08	13.78	13.75	13.52	90.406	19.56	24.00	Pass
102	5510	13.13	14.03	13.33	13.59	90.236	19.55	24.00	Pass
110	5550	13.27	14.03	13.27	13.65	90.932	19.59	24.00	Pass
134	5670	13.19	13.91	12.91	12.93	84.626	19.28	24.00	Pass
142	5710 For U-NII-2C	12.96	13.51	12.41	12.64	81.647	19.12	24.00	Pass
142	5710 For U-NII-3	2.20	3.14	2.20	2.04	7.306	8.64	30.00	Pass
151	5755	22.29	23.41	21.79	22.37	712.306	28.53	30.00	Pass
159	5795	22.12	23.18	21.64	21.98	674.542	28.29	30.00	Pass

For U-NII-2A, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-2C, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-3, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
54	5270	41.72	27.20	>	24.00
62	5310	42.09	27.24	>	24.00
102	5510	41.99	27.23	>	24.00
110	5550	42.09	27.24	>	24.00
134	5670	42.03	27.23	>	24.00
142 (U-NII-2C)	5710	35.99	26.56	>	24.00

802.11ac (VHT80)

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				
58	5290	13.89	14.86	14.80	14.47	113.300	20.54	24.00	Pass
106	5530	15.86	16.29	15.87	16.25	161.914	22.09	24.00	Pass
122	5610	15.85	16.54	15.95	16.18	164.391	22.16	24.00	Pass
138	5690 For U-NII-2C	15.81	16.63	15.77	15.82	169.594	22.29	24.00	Pass
138	5690 For U-NII-3	0.80	1.52	1.12	0.92	5.458	7.37	30.00	Pass
155	5775	19.40	20.11	18.77	19.08	345.907	25.39	30.00	Pass

For U-NII-2A, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-2C, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-3, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
58	5290	82.70	30.17	>	24.00
106	5530	82.54	30.16	>	24.00
122	5610	82.89	30.18	>	24.00
138 (U-NII-2C)	5690	76.09	29.81	>	24.00

802.11ac (VHT80+80)

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+58 (H)	5290	-	-	13.25	13.31	42.564	16.29	24.00	Pass
106+122 (L)	5530	16.03	16.37	-	-	157.448	21.97	24.00	Pass
106+122 (H)	5610	-	-	15.53	15.83				

For U-NII-1, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-2A, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-2C, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
42+58(H)	5290	82.61	30.17	>	24.00
106+122(L)	5530	82.40	30.15	>	24.00
106+122(H)	5610	82.45	30.16	>	24.00

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				
52	5260	10.33	10.64	10.91	10.60	46.190	16.65	24.00	Pass
60	5300	10.03	10.82	10.81	10.57	45.600	16.59	24.00	Pass
64	5320	10.01	10.61	10.83	10.69	45.359	16.57	24.00	Pass
100	5500	10.19	11.02	10.28	10.44	44.827	16.52	24.00	Pass
116	5580	10.04	11.01	10.05	10.19	43.274	16.36	24.00	Pass
140	5700	9.96	10.62	9.68	9.69	40.044	16.03	24.00	Pass
144	5720 For U-NII-2C	9.03	9.72	8.88	8.59	33.931	15.31	22.94	Pass
144	5720 For U-NII-3	3.93	4.00	3.43	3.32	9.797	9.91	30.00	Pass
149	5745	22.62	23.41	22.19	22.61	750.057	28.75	30.00	Pass
157	5785	22.41	23.26	22.07	22.31	717.297	28.56	30.00	Pass
165	5825	22.31	23.29	22.18	22.37	721.300	28.58	30.00	Pass

For U-NII-2A, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-2C, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-3, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	21.28	24.27	>	24.00
60	5300	21.35	24.29	>	24.00
64	5320	21.20	24.26	>	24.00
100	5500	21.44	24.31	>	24.00
116	5580	21.21	24.26	>	24.00
140	5700	21.12	24.24	>	24.00
144 (U-NII-2C)	5720	15.64	22.94	<	24.00

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				
54	5270	12.61	13.22	13.35	13.24	81.942	19.14	24.00	Pass
62	5310	13.11	13.82	13.78	13.55	91.088	19.59	24.00	Pass
102	5510	13.17	14.07	13.35	13.62	90.918	19.59	24.00	Pass
110	5550	13.31	14.05	13.31	13.69	91.656	19.62	24.00	Pass
134	5670	13.22	13.94	12.93	12.95	85.121	19.30	24.00	Pass
142	5710 For U-NII-2C	12.98	13.53	12.51	12.67	82.409	19.16	24.00	Pass
142	5710 For U-NII-3	2.23	3.17	2.23	2.07	7.357	8.67	30.00	Pass
151	5755	22.33	23.45	21.82	22.41	718.546	28.56	30.00	Pass
159	5795	22.14	23.21	21.68	22.01	679.179	28.32	30.00	Pass

For U-NII-2A, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-2C, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-3, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
54	5270	41.72	27.20	>	24.00
62	5310	42.09	27.24	>	24.00
102	5510	41.99	27.23	>	24.00
110	5550	42.09	27.24	>	24.00
134	5670	42.03	27.23	>	24.00
142 (U-NII-2C)	5710	35.99	26.56	>	24.00

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				
58	5290	13.91	14.88	14.82	14.50	113.887	20.56	24.00	Pass
106	5530	15.88	16.33	15.91	16.29	163.233	22.13	24.00	Pass
122	5610	15.88	16.57	15.99	16.21	165.622	22.19	24.00	Pass
138	5690 For U-NII-2C	15.86	16.69	15.82	15.90	171.955	22.35	24.00	Pass
138	5690 For U-NII-3	0.84	1.58	1.15	0.96	5.512	7.41	30.00	Pass
155	5775	19.44	20.15	18.81	19.12	349.107	25.43	30.00	Pass

For U-NII-2A, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-2C, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-3, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
58	5290	82.70	30.17	>	24.00
106	5530	82.54	30.16	>	24.00
122	5610	82.89	30.18	>	24.00
138 (U-NII-2C)	5690	76.09	29.81	>	24.00

802.11ax (HE80+80)

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+58 (H)	5290	-	-	13.30	13.34	42.957	16.33	24.00	Pass
106+122 (L)	5530	16.05	16.39	-	-	158.174	21.99	24.00	Pass
106+122 (H)	5610	-	-	15.55	15.85				

For U-NII-1, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-2A, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

For U-NII-2C, the directional gain is 6 dBi = 6 dBi, so the output power limit shall not be reduced.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
42+58(H)	5290	82.61	30.17	>	24.00
106+122(L)	5530	82.40	30.15	>	24.00
106+122(H)	5610	82.45	30.16	>	24.00

Beamforming Mode

802.11ac (VHT20)

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				
52	5260	10.20	10.62	10.77	10.64	45.533	16.58	17.98	Pass
60	5300	10.00	10.79	10.77	10.54	45.259	16.56	17.98	Pass
64	5320	9.99	10.58	10.80	10.66	45.07	16.54	17.98	Pass
100	5500	10.16	10.84	10.25	10.41	44.092	16.44	17.98	Pass
116	5580	10.02	10.99	10.01	10.16	43.005	16.34	17.98	Pass
140	5700	8.82	9.50	8.49	8.50	30.676	14.87	17.98	Pass
144	5720 For U-NII-2C	8.95	9.67	8.84	8.56	33.538	15.26	16.92	Pass
144	5720 For U-NII-3	3.83	3.95	3.40	3.30	9.681	9.86	23.98	Pass
149	5745	16.31	16.83	16.05	16.21	173.006	22.38	23.98	Pass
157	5785	16.36	16.91	16.02	15.96	171.782	22.35	23.98	Pass
165	5825	16.41	17.20	16.11	16.18	178.56	22.52	23.98	Pass

*For U-NII-2A: Directional Gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the limit shall be reduced to 24-(12.02-6) = 17.98dBm.

For U-NII-2C: Directional Gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the limit shall be reduced to 24-(12.02-6) = 17.98dBm.

Ch 144: The limit shall be reduced to 22.94-(12.06-6) = 16.92dBm.

For U-NII-3: Directional gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the limit shall be reduced to 30-(12.02-6) = 23.98dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	21.28	24.27	>	24.00
60	5300	21.35	24.29	>	24.00
64	5320	21.20	24.26	>	24.00
100	5500	21.44	24.31	>	24.00
116	5580	21.21	24.26	>	24.00
140	5700	21.12	24.24	>	24.00
144 (U-NII-2C)	5720	15.64	22.94	<	24.00

802.11ac (VHT40)

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				
54	5270	10.10	10.21	10.62	10.48	43.432	16.38	17.98	Pass
62	5310	10.08	10.55	10.63	10.42	44.113	16.45	17.98	Pass
102	5510	10.18	11.02	10.14	10.41	44.388	16.47	17.98	Pass
110	5550	10.15	10.92	10.28	10.46	44.494	16.48	17.98	Pass
134	5670	9.89	10.45	9.69	9.41	38.882	15.90	17.98	Pass
142	5710 For U-NII-2C	9.75	10.43	9.37	9.60	40.044	16.03	17.98	Pass
142	5710 For U-NII-3	-0.81	0.13	-0.82	-0.95	3.6553	5.63	23.98	Pass
151	5755	15.95	16.48	15.65	15.57	156.604	21.95	23.98	Pass
159	5795	16.21	17.10	16.18	16.02	174.559	22.42	23.98	Pass

*For U-NII-2A: Directional Gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the limit shall be reduced to 24-(12.02-6) = 17.98dBm.

For U-NII-2C: Directional Gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the limit shall be reduced to 24-(12.02-6) = 17.98dBm.

For U-NII-3: Directional gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the limit shall be reduced to 30-(12.02-6) = 23.98dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
54	5270	41.72	27.20	>	24.00
62	5310	42.09	27.24	>	24.00
102	5510	41.99	27.23	>	24.00
110	5550	42.09	27.24	>	24.00
134	5670	42.03	27.23	>	24.00
142 (U-NII-2C)	5710	35.99	26.56	>	24.00

802.11ac (VHT80)

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				
58	5290	10.11	10.41	10.56	10.66	44.264	16.46	17.98	Pass
106	5530	10.12	11.06	10.13	10.30	44.064	16.44	17.98	Pass
122	5610	10.18	11.18	10.20	10.48	45.185	16.55	17.98	Pass
138	5690 For U-NII-2C	9.32	10.15	9.31	9.26	37.997	15.80	17.98	Pass
138	5690 For U-NII-3	-5.69	-4.96	-5.36	-5.58	1.225	0.88	23.98	Pass
155	5775	16.36	17.20	16.18	16.11	178.059	22.51	23.98	Pass

*For U-NII-2A: Directional Gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the limit shall be reduced to 24-(12.02-6) = 17.98dBm.

For U-NII-2C: Directional Gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the limit shall be reduced to 24-(12.02-6) = 17.98dBm.

For U-NII-3: Directional gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the limit shall be reduced to 30-(12.02-6) = 23.98dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
58	5290	82.70	30.17	>	24.00
106	5530	82.54	30.16	>	24.00
122	5610	82.89	30.18	>	24.00
138 (U-NII-2C)	5690	76.09	29.81	>	24.00

802.11ac (VHT80+80)

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+58 (H)	5290	-	-	11.23	11.27	26.671	14.26	20.99	Pass
106+122 (L)	5530	12.01	12.33	-	-	62.008	17.92	17.98	Pass
106+122 (H)	5610	-	-	11.48	11.75				Pass

*For U-NII-2A: Directional Gain = 6 dBi + 10log(2) = 9.01 dBi > 6dBi, so the limit shall be reduced to 24-(9.01-6) = 20.99dBm.

For U-NII-2C: Directional Gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the limit shall be reduced to 24-(12.02-6) = 17.98dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
42+58(H)	5290	82.61	30.17	>	24.00
106+122(L)	5530	82.40	30.15	>	24.00
106+122(H)	5610	82.45	30.16	>	24.00

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				
52	5260	10.21	10.64	10.80	10.68	45.801	16.61	17.98	Pass
60	5300	10.03	10.82	10.81	10.57	45.600	16.59	17.98	Pass
64	5320	10.01	10.61	10.83	10.69	45.359	16.57	17.98	Pass
100	5500	10.19	10.91	10.28	10.44	44.510	16.48	17.98	Pass
116	5580	10.04	11.01	10.05	10.19	43.274	16.36	17.98	Pass
140	5700	8.90	9.56	8.57	8.59	31.221	14.94	17.98	Pass
144	5720 For U-NII-2C	9.00	9.72	8.88	8.59	33.873	15.30	16.92	Pass
144	5720 For U-NII-3	3.92	4.00	3.43	3.32	9.791	9.91	23.98	Pass
149	5745	16.52	16.90	16.10	16.26	176.857	22.48	23.98	Pass
157	5785	16.42	16.99	16.05	16.03	174.215	22.41	23.98	Pass
165	5825	16.52	17.21	16.19	16.22	180.947	22.58	23.98	Pass

*For U-NII-2A: Directional Gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the limit shall be reduced to 24-(12.02-6) = 17.98dBm.

For U-NII-2C: Directional Gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the limit shall be reduced to 24-(12.02-6) = 17.98dBm.

Ch 144: The limit shall be reduced to 22.94-(12.06-6) = 16.92dBm.

For U-NII-3: Directional gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the limit shall be reduced to 30-(12.02-6) = 23.98dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	21.28	24.27	>	24.00
60	5300	21.35	24.29	>	24.00
64	5320	21.20	24.26	>	24.00
100	5500	21.44	24.31	>	24.00
116	5580	21.21	24.26	>	24.00
140	5700	21.12	24.24	>	24.00
144 (U-NII-2C)	5720	15.64	22.94	<	24.00

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				
54	5270	10.13	10.25	10.69	10.52	43.890	16.42	17.98	Pass
62	5310	10.10	10.61	10.70	10.48	44.659	16.50	17.98	Pass
102	5510	10.20	11.10	10.21	10.52	45.121	16.54	17.98	Pass
110	5550	10.22	11.02	10.31	10.54	45.231	16.55	17.98	Pass
134	5670	9.99	10.52	9.70	9.59	39.681	15.99	17.98	Pass
142	5710 For U-NII-2C	9.80	10.52	9.50	9.65	40.786	16.11	17.98	Pass
142	5710 For U-NII-3	-0.74	0.15	-0.75	-0.94	3.691	5.67	23.98	Pass
151	5755	16.01	16.56	15.72	15.63	159.077	22.02	23.98	Pass
159	5795	16.31	17.16	16.21	16.13	177.559	22.49	23.98	Pass

*For U-NII-2A: Directional Gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the limit shall be reduced to 24-(12.02-6) = 17.98dBm.

For U-NII-2C: Directional Gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the limit shall be reduced to 24-(12.02-6) = 17.98dBm.

For U-NII-3: Directional gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the limit shall be reduced to 30-(12.02-6) = 23.98dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
54	5270	41.72	27.20	>	24.00
62	5310	42.09	27.24	>	24.00
102	5510	41.99	27.23	>	24.00
110	5550	42.09	27.24	>	24.00
134	5670	42.03	27.23	>	24.00
142 (U-NII-2C)	5710	35.99	26.56	>	24.00

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				
58	5290	10.25	10.58	10.60	10.69	45.225	16.55	17.98	Pass
106	5530	10.18	11.10	10.18	10.36	44.593	16.49	17.98	Pass
122	5610	10.21	11.21	10.28	10.52	45.646	16.59	17.98	Pass
138	5690 For U-NII-2C	9.36	10.19	9.32	9.40	38.496	15.85	17.98	Pass
138	5690 For U-NII-3	-5.66	-4.92	-5.35	-5.54	1.234	0.91	23.98	Pass
155	5775	16.45	17.31	16.20	16.18	181.166	22.58	23.98	Pass

*For U-NII-2A: Directional Gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the limit shall be reduced to 24-(12.02-6) = 17.98dBm.

For U-NII-2C: Directional Gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the limit shall be reduced to 24-(12.02-6) = 17.98dBm.

For U-NII-3: Directional gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the limit shall be reduced to 30-(12.02-6) = 23.98dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
58	5290	82.70	30.17	>	24.00
106	5530	82.54	30.16	>	24.00
122	5610	82.89	30.18	>	24.00
138 (U-NII-2C)	5690	76.09	29.81	>	24.00

802.11ax (HE80+80)

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+58 (H)	5290	-	-	11.25	11.29	26.794	14.28	20.99	Pass
106+122 (L)	5530	12.03	12.37	-	-	62.543	17.96	17.98	Pass
106+122 (H)	5610	-	-	11.52	11.80				Pass

*For U-NII-2A: Directional Gain = 6 dBi + 10log(2) = 9.01 dBi > 6dBi, so the limit shall be reduced to 24-(9.01-6) = 20.99dBm.

For U-NII-2C: Directional Gain = 6 dBi + 10log(4) = 12.02 dBi > 6dBi, so the limit shall be reduced to 24-(12.02-6) = 17.98dBm.

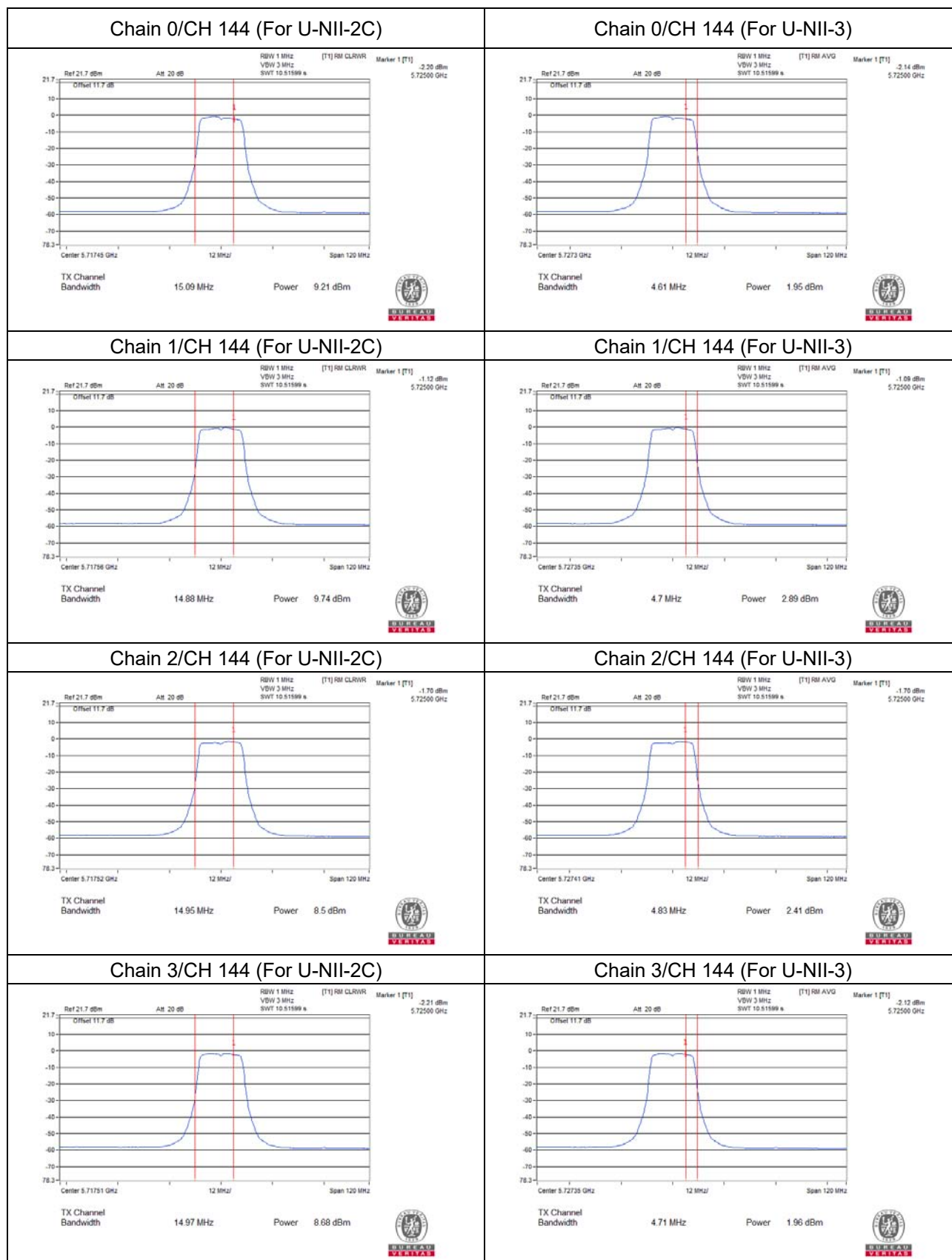
Note:

For U-NII-2A, U-NII-2C Band:

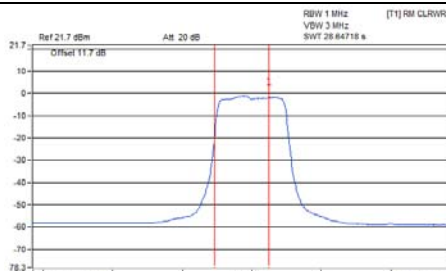
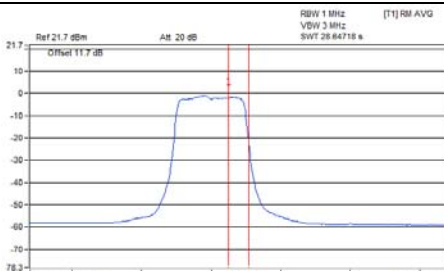
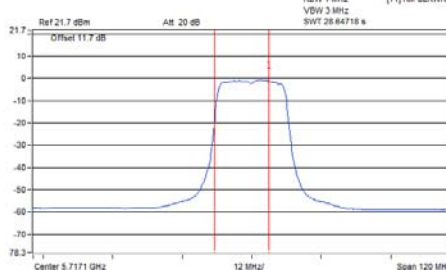
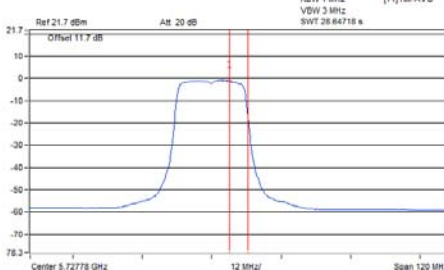
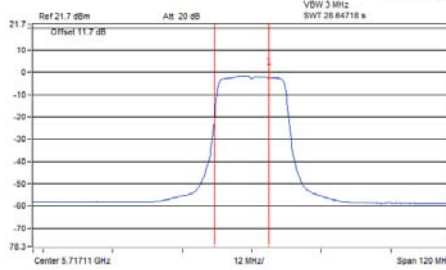
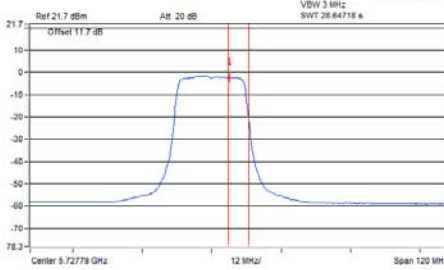
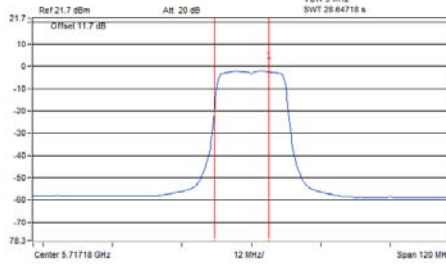
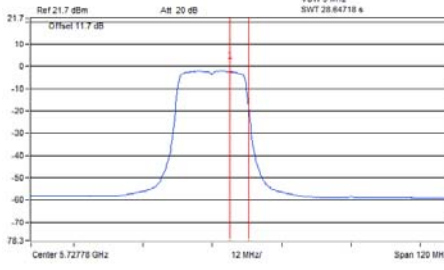
Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
42+58(H)	5290	82.61	30.17	>	24.00
106+122(L)	5530	82.40	30.15	>	24.00
106+122(H)	5610	82.45	30.16	>	24.00

Straddle channel power plots:

802.11a

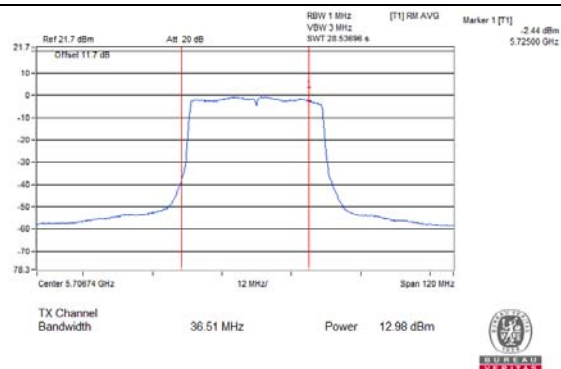


802.11ax (HE20)

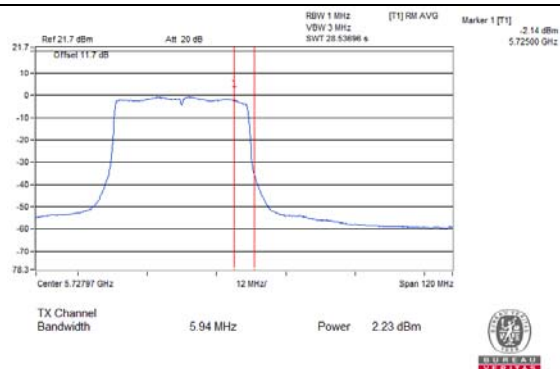
Chain 0/CH 144 (For U-NII-2C)  TX Channel Bandwidth 15.77 MHz Power 9.03 dBm	Chain 0/CH 144 (For U-NII-3)  TX Channel Bandwidth 5.77 MHz Power 3.93 dBm
Chain 1/CH 144 (For U-NII-2C)  TX Channel Bandwidth 15.8 MHz Power 9.72 dBm	Chain 1/CH 144 (For U-NII-3)  TX Channel Bandwidth 5.57 MHz Power 4 dBm
Chain 2/CH 144 (For U-NII-2C)  TX Channel Bandwidth 15.77 MHz Power 8.88 dBm	Chain 2/CH 144 (For U-NII-3)  TX Channel Bandwidth 5.59 MHz Power 3.43 dBm
Chain 3/CH 144 (For U-NII-2C)  TX Channel Bandwidth 15.64 MHz Power 8.59 dBm	Chain 3/CH 144 (For U-NII-3)  TX Channel Bandwidth 5.57 MHz Power 3.32 dBm

802.11ax (HE40)

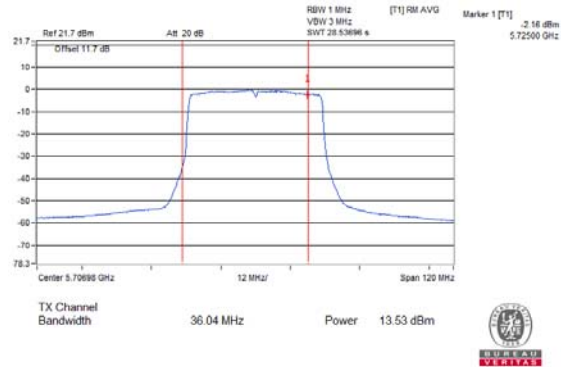
Chain 0/CH 142 (For U-NII-2C)



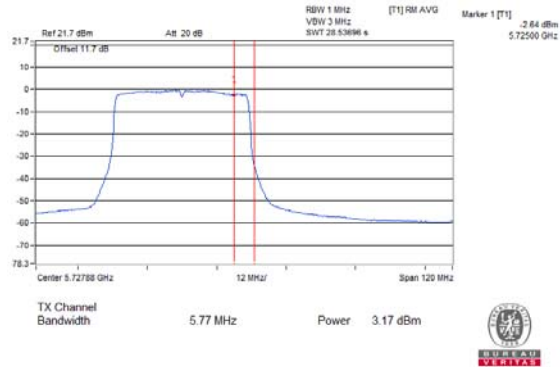
Chain 0/CH 142 (For U-NII-3)



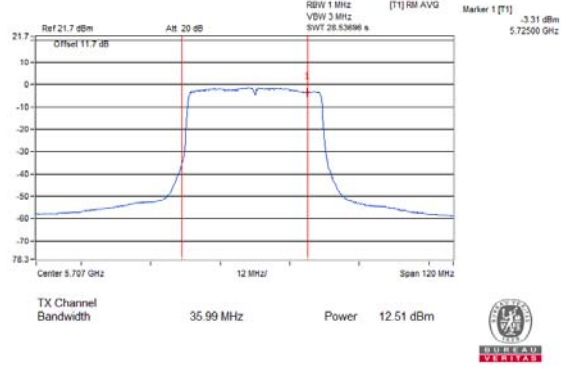
Chain 1/CH 142 (For U-NII-2C)



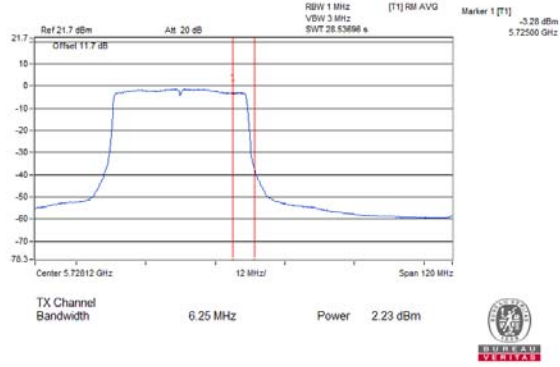
Chain 1/CH 142 (For U-NII-3)



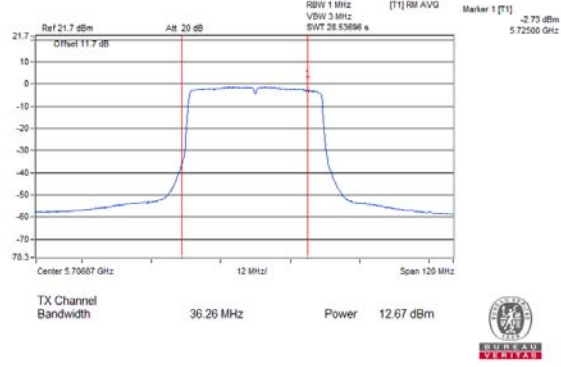
Chain 2/CH 142 (For U-NII-2C)



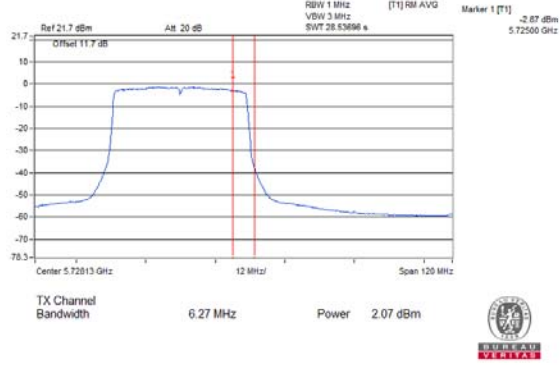
Chain 2/CH 142 (For U-NII-3)



Chain 3/CH 142 (For U-NII-2C)

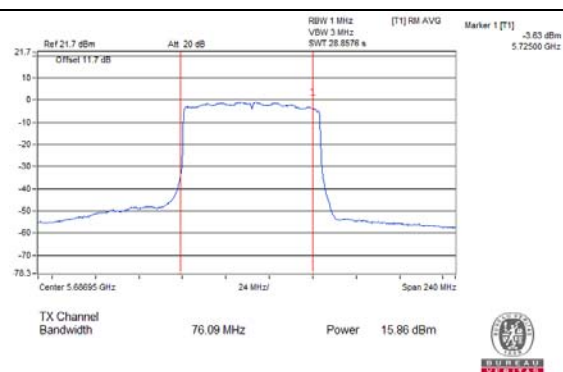


Chain 3/CH 142 (For U-NII-3)

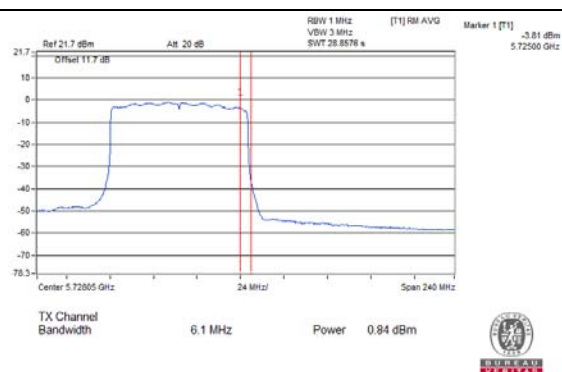


802.11ax (HE80)

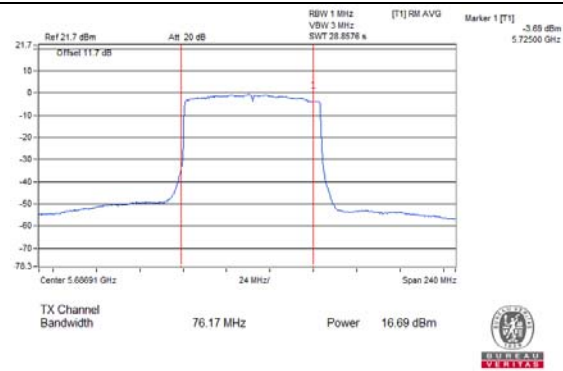
Chain 0/CH 138 (For U-NII-2C)



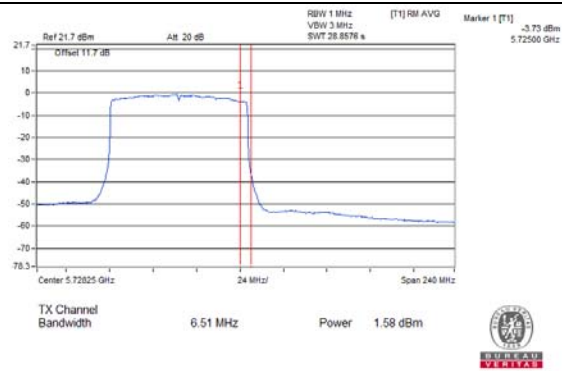
Chain 0/CH 138 (For U-NII-3)



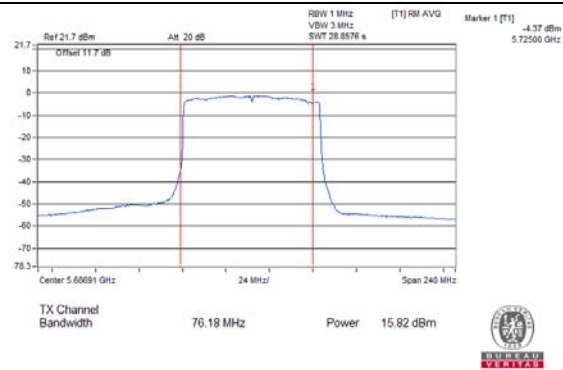
Chain 1/CH 138 (For U-NII-2C)



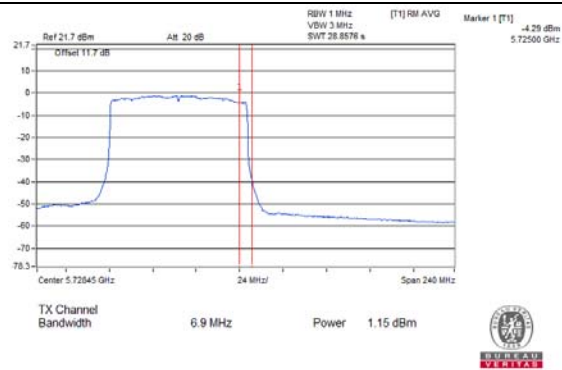
Chain 1/CH 138 (For U-NII-3)



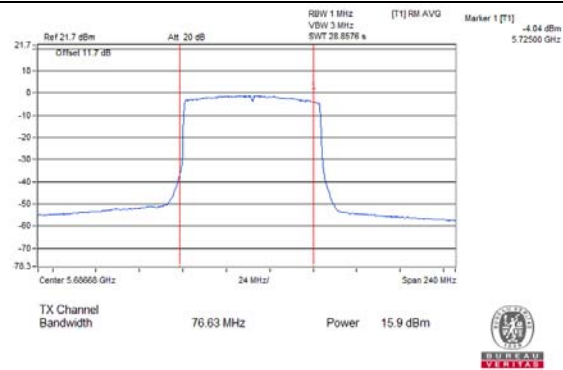
Chain 2/CH 138 (For U-NII-2C)



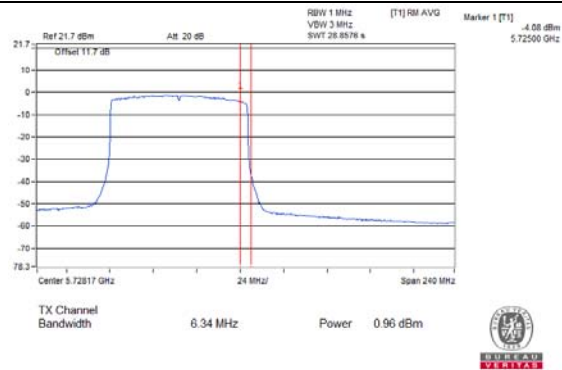
Chain 2/CH 138 (For U-NII-3)



Chain 3/CH 138 (For U-NII-2C)



Chain 3/CH 138 (For U-NII-3)



26dB Bandwidth:

802.11a

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
52	5260	19.60	19.55	19.63	19.56
60	5300	19.72	19.51	19.83	19.71
64	5320	19.62	19.56	19.70	19.82
100	5500	19.52	19.65	19.82	19.73
116	5580	19.51	19.33	19.82	19.67
140	5700	19.61	19.44	19.75	19.68
144	5720 (For U-NII-2C)	15.09	14.88	14.95	14.97

For CH144 (U-NII-2C Band): The 26dBc bandwidth below 5725MHz = 5725MHz - Marker 1

802.11ax (HE20)

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
52	5260	21.77	21.42	21.55	21.28
60	5300	21.81	21.53	21.35	21.64
64	5320	21.35	21.25	21.20	21.26
100	5500	22.01	21.44	21.54	21.61
116	5580	21.66	21.22	21.28	21.21
140	5700	21.49	21.51	21.39	21.12
144	5720 (For U-NII-2C)	15.77	15.80	15.77	15.64

For CH144 (U-NII-2C Band): The 26dBc bandwidth below 5725MHz = 5725MHz - Marker 1

802.11ax (HE40)

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
54	5270	42.25	41.72	42.36	42.04
62	5310	42.09	42.27	42.37	42.18
102	5510	42.51	42.39	41.99	42.46
110	5550	42.42	42.35	42.25	42.09
134	5670	42.31	42.03	42.40	42.17
142	5710 (For U-NII-2C)	36.51	36.04	35.99	36.26

For CH142 (U-NII-2C Band): The 26dBc bandwidth below 5725MHz = 5725MHz - Marker 1

802.11ax (HE80)

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
58	5290	83.01	83.02	83.16	82.70
106	5530	82.54	82.74	83.41	83.08
122	5610	83.54	83.35	83.37	82.89
138	5690 (For U-NII-2C)	76.09	76.17	76.18	76.63

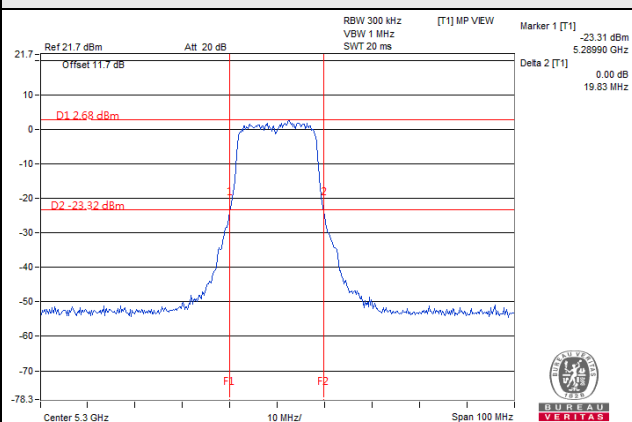
For CH138 (U-NII-2C Band): The 26dBc bandwidth below 5725MHz = 5725MHz - Marker 1

802.11ax (HE80+80)

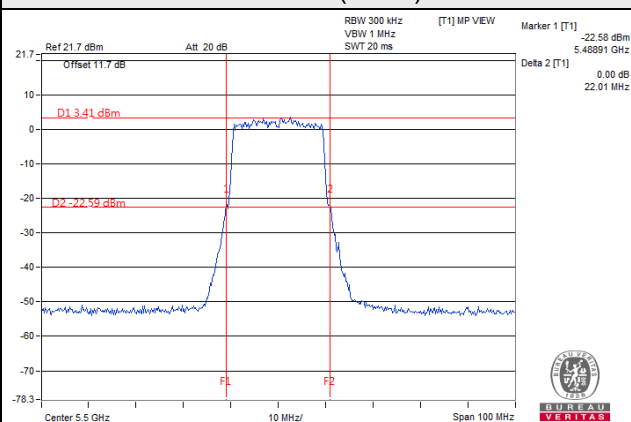
Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
42+58	5210	-	-	82.83	82.61
106+122(L)	5530	82.40	82.93	-	-
106+122(H)	5610	-	-	82.45	83.33

Spectrum Plot of Worst Value

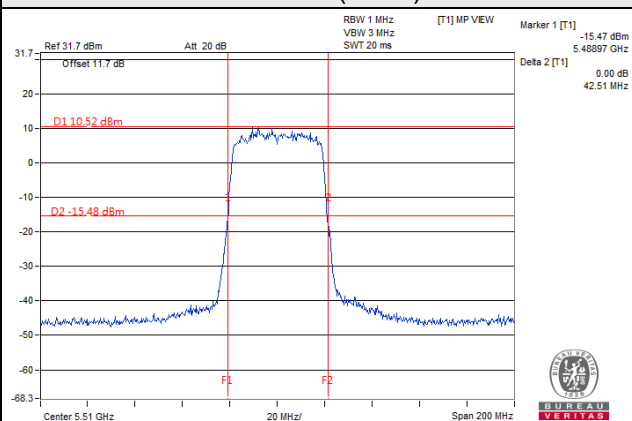
802.11a



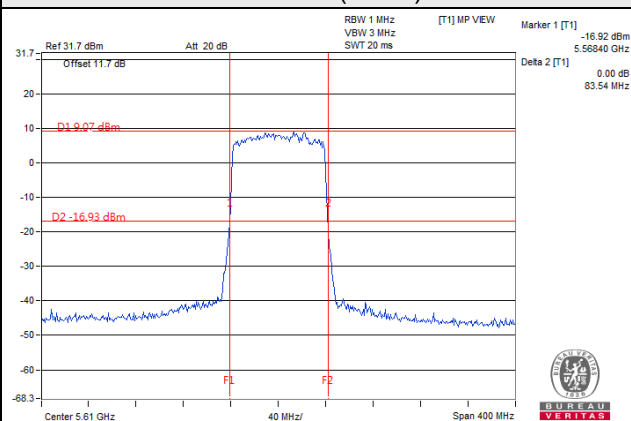
802.11ax (HE20)



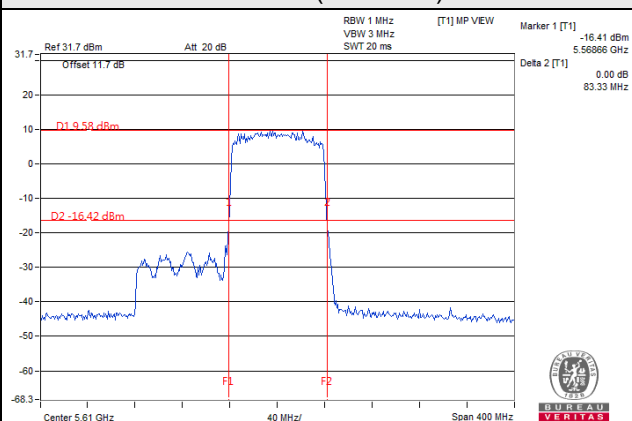
802.11ax (HE40)



802.11ax (HE80)



802.11ax (HE80+80)



EUT Average Power

CDD Mode

802.11a

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	40.733	16.10
5470~5725	44.448	16.48

802.11n (HT20)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	45.475	16.58
5470~5725	44.239	16.46

802.11n (HT40)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	89.717	19.53
5470~5725	90.262	19.56

802.11ac (VHT20)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	45.869	16.62
5470~5725	44.547	16.49

802.11ac (VHT40)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	90.406	19.56
5470~5725	90.932	19.59

802.11ac (VHT80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	113.300	20.54
5470~5725	169.594	22.29

802.11ac (VHT80+80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	42.564	16.29
5470~5725	157.448	21.97

802.11ax (HE20)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	46.190	16.65
5470~5725	44.827	16.52

802.11ax (HE40)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	91.088	19.59
5470~5725	91.656	19.62

802.11ax (HE80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	113.887	20.56
5470~5725	171.955	22.35

802.11ax (HE80+80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	42.957	16.33
5470~5725	158.174	21.99

Beamforming Mode

802.11ac (VHT20)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	45.533	16.58
5470~5725	44.092	16.44

802.11ac (VHT40)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	44.113	16.45
5470~5725	44.494	16.48

802.11ac (VHT80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	44.264	16.46
5470~5725	45.185	16.55

802.11ac (VHT80+80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	26.671	14.26
5470~5725	62.008	17.92

802.11ax (HE20)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	45.801	16.61
5470~5725	44.510	16.48

802.11ax (HE40)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	44.659	16.50
5470~5725	45.231	16.55

802.11ax (HE80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	45.225	16.55
5470~5725	45.646	16.59

802.11ax (HE80+80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	26.794	14.28
5470~5725	62.543	17.96

Mode B

CDD Mode (For U-NII-1 Band - Outdoor Access Point)

802.11a

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	9.08	9.99	10.12	9.89	38.098	15.81	22.00	0.97	16.78	21.00	Pass
40	5200	9.12	9.98	10.06	9.82	37.853	15.78	22.00	0.97	16.75	21.00	Pass
48	5240	9.10	9.96	10.03	9.96	38.014	15.80	22.00	0.97	16.77	21.00	Pass

Note:

1. Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to $30-(14-6) = 22.00$ dBm.
2. Antenna gain = 0.97dBi (above 30 degrees from the horizon).
3. EIRP = average power + (0.97dBi) + array gain = (0 dB (i.e., no array gain) for $NANT \leq 4$).

802.11n (HT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	9.10	9.85	9.94	9.80	37.202	15.71	22.00	0.97	16.68	21.00	Pass
40	5200	9.05	9.90	10.04	9.87	37.605	15.75	22.00	0.97	16.72	21.00	Pass
48	5240	8.95	9.78	9.96	9.76	36.729	15.65	22.00	0.97	16.62	21.00	Pass

Note:

1. Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to $30-(14-6) = 22.00$ dBm.
2. Antenna gain = 0.97dBi (above 30 degrees from the horizon).
3. EIRP = average power + (0.97dBi) + array gain = (0 dB (i.e., no array gain) for $NANT \leq 4$).

802.11n (HT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
38	5190	9.85	10.42	10.91	10.38	43.921	16.43	22.00	0.97	17.40	21.00	Pass
46	5230	12.59	12.46	13.26	13.04	77.096	18.87	22.00	0.97	19.84	21.00	Pass

Note:

1. Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to $30-(14-6) = 22.00$ dBm.
2. Antenna gain = 0.97dBi (above 30 degrees from the horizon).
3. EIRP = average power + (0.97dBi) + array gain = (0 dB (i.e., no array gain) for $NANT \leq 4$).

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	9.12	9.91	10.01	9.82	37.578	15.75	22.00	0.97	16.72	21.00	Pass
40	5200	9.10	9.93	10.09	9.91	37.973	15.79	22.00	0.97	16.76	21.00	Pass
48	5240	8.98	9.81	10.00	9.78	36.985	15.68	22.00	0.97	16.65	21.00	Pass

Note:

1. Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to $30-(14-6) = 22.00$ dBm.
2. Antenna gain = 0.97dBi (above 30 degrees from the horizon).
3. EIRP = average power + (0.97dBi) + array gain = (0 dB (i.e., no array gain) for $NANT \leq 4$).

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
38	5190	9.95	10.51	11.03	10.49	45.002	16.53	22.00	0.97	17.50	21.00	Pass
46	5230	12.60	12.48	13.28	13.06	77.410	18.89	22.00	0.97	19.86	21.00	Pass

Note:

1. Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to $30-(14-6) = 22.00$ dBm.
2. Antenna gain = 0.97dBi (above 30 degrees from the horizon).
3. EIRP = average power + (0.97dBi) + array gain = (0 dB (i.e., no array gain) for $NANT \leq 4$).

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42	5210	9.76	9.66	9.99	9.74	38.105	15.81	22.00	0.97	16.78	21.00	Pass

Note:

1. Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to $30-(14-6) = 22.00$ dBm.
2. Antenna gain = 0.97dBi (above 30 degrees from the horizon).
3. EIRP = average power + (0.97dBi) + array gain = (0 dB (i.e., no array gain) for $NANT \leq 4$).

802.11ac (VHT80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42+58 (L)	5210	11.75	12.71	-	-	33.626	15.27	22.00	0.97	16.24	21.00	Pass

Note:

1. Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to $30-(14-6) = 22.00$ dBm.
2. Antenna gain = 0.97dBi (above 30 degrees from the horizon).
3. EIRP = average power + (0.97dBi) + array gain = (0 dB (i.e., no array gain) for $NANT \leq 4$).

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	9.14	9.93	10.04	9.84	37.774	15.77	22.00	0.97	16.74	21.00	Pass
40	5200	9.13	9.97	10.11	9.93	38.212	15.82	22.00	0.97	16.79	21.00	Pass
48	5240	9.01	9.83	10.03	9.81	37.219	15.71	22.00	0.97	16.68	21.00	Pass

Note:

1. Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to $30-(14-6) = 22.00$ dBm.
2. Antenna gain = 0.97dBi (above 30 degrees from the horizon).
3. EIRP = average power + (0.97dBi) + array gain = (0 dB (i.e., no array gain) for $NANT \leq 4$).

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
38	5190	10.06	10.62	11.15	10.58	46.134	16.64	22.00	0.97	17.61	21.00	Pass
46	5230	12.63	12.50	13.31	13.09	77.905	18.92	22.00	0.97	19.89	21.00	Pass

Note:

1. Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to $30-(14-6) = 22.00$ dBm.
2. Antenna gain = 0.97dBi (above 30 degrees from the horizon).
3. EIRP = average power + (0.97dBi) + array gain = (0 dB (i.e., no array gain) for $NANT \leq 4$).

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42	5210	9.88	9.75	10.11	9.85	39.085	15.92	22.00	0.97	16.89	21.00	Pass

Note:

1. Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to $30-(14-6) = 22.00$ dBm.
2. Antenna gain = 0.97dBi (above 30 degrees from the horizon).
3. EIRP = average power + (0.97dBi) + array gain = (0 dB (i.e., no array gain) for $NANT \leq 4$).

802.11ax (HE80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42+58 (L)	5210	11.78	12.74	-	-	33.859	15.30	22.00	0.97	16.27	21.00	Pass

Note:

1. Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to $30-(14-6) = 22.00$ dBm.
2. Antenna gain = 0.97dBi (above 30 degrees from the horizon).
3. EIRP = average power + (0.97dBi) + array gain = (0 dB (i.e., no array gain) for $NANT \leq 4$).

CDD Mode (For U-NII-1 Band - Indoor Access Point)

802.11a

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	9.08	9.99	10.12	9.89	38.098	15.81	22.00	Pass
40	5200	9.12	9.98	10.06	9.82	37.853	15.78	22.00	Pass
48	5240	9.10	9.96	10.03	9.96	38.014	15.80	22.00	Pass

Note: Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

802.11n (HT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	9.10	9.85	9.94	9.80	37.202	15.71	22.00	Pass
40	5200	9.05	9.90	10.04	9.87	37.605	15.75	22.00	Pass
48	5240	8.95	9.78	9.96	9.76	36.729	15.65	22.00	Pass

Note: Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

802.11n (HT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	9.94	10.47	10.95	10.42	44.466	16.48	22.00	Pass
46	5230	12.59	12.46	13.26	13.04	77.096	18.87	22.00	Pass

Note: Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	9.12	9.91	10.01	9.82	37.578	15.75	22.00	Pass
40	5200	9.10	9.93	10.09	9.91	37.973	15.79	22.00	Pass
48	5240	8.98	9.81	10.00	9.78	36.985	15.68	22.00	Pass

Note: Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	10.01	10.54	11.05	10.48	45.251	16.56	22.00	Pass
46	5230	12.60	12.48	13.28	13.06	77.410	18.89	22.00	Pass

Note: Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	9.81	9.67	10.02	9.76	38.349	15.84	22.00	Pass

Note: Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

802.11ac (VHT80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42+58 (L)	5210	11.75	12.71	-	-	33.626	15.27	22.00	Pass

Note: Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	9.14	9.93	10.04	9.84	37.774	15.77	22.00	Pass
40	5200	9.13	9.97	10.11	9.93	38.212	15.82	22.00	Pass
48	5240	9.01	9.83	10.03	9.81	37.219	15.71	22.00	Pass

Note: Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	10.06	10.62	11.15	10.58	46.134	16.64	22.00	Pass
46	5230	12.63	12.50	13.31	13.09	77.905	18.92	22.00	Pass

Note: Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	9.88	9.75	10.11	9.85	39.085	15.92	22.00	Pass

Note: Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

802.11ax (HE80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42+58 (L)	5210	11.78	12.74	-	-	33.859	15.30	22.00	Pass

Note: Antenna gain = 14dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

Beamforming Mode (For U-NII-1 Band - Outdoor Access Point)

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	1.56	-1.21	0.37	0.48	4.3948	6.43	15.98	6.28	20.35	21.00	Pass
40	5200	1.80	-1.01	-0.10	0.39	4.3773	6.41	15.98	6.28	20.56	21.00	Pass
48	5240	1.70	-1.11	0.14	0.59	4.4318	6.47	15.98	6.28	20.50	21.00	Pass

Note:

1. Directional gain = $14 \text{ dBi} + 10\log(4) = 20.02 \text{ dBi} > 6\text{dBi}$, so the power limit shall be reduced to $30 - (20.02 - 6) = 15.98\text{dBm}$.
2. Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4] + 10\log(4) = 6.28\text{dBi}$ (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 6.28dBi (above 30 degrees from the horizon)).

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
38	5190	1.48	-0.99	0.18	0.52	4.3717	6.41	15.98	6.28	12.69	21.00	Pass
46	5230	1.59	-0.15	-0.71	0.52	4.3845	6.42	15.98	6.28	12.70	21.00	Pass

Note:

1. Directional gain = $14 \text{ dBi} + 10\log(4) = 20.02 \text{ dBi} > 6\text{dBi}$, so the power limit shall be reduced to $30 - (20.02 - 6) = 15.98\text{dBm}$.
2. Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4] + 10\log(4) = 6.28\text{dBi}$ (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 6.28dBi (above 30 degrees from the horizon)).

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42	5210	1.49	-0.28	-0.58	0.36	4.308	6.34	15.98	6.28	12.62	21.00	Pass

Note:

1. Directional gain = $14 \text{ dBi} + 10\log(4) = 20.02 \text{ dBi} > 6\text{dBi}$, so the power limit shall be reduced to $30 - (20.02 - 6) = 15.98\text{dBm}$.
2. Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4] + 10\log(4) = 6.28\text{dBi}$ (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 6.28dBi (above 30 degrees from the horizon)).

802.11ac (VHT80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42+58 (L)	5210	8.73	9.65	-	-	16.690	12.22	18.99	6.28	18.50	21.00	Pass

Note:

1. Directional gain = 14 dBi + 10log(2) = 17.01 dBi > 6dBi, so the power limit shall be reduced to 30 - (17.01 - 6) = 18.99dBm.
2. Directional gain = 10 log $[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4]$ + 10log(4) = 6.28dBi (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 6.28dBi (above 30 degrees from the horizon)).

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	1.69	-1.15	0.42	0.59	4.4901	6.52	15.98	6.28	12.80	21.00	Pass
40	5200	1.82	-0.98	0.01	0.42	4.4224	6.46	15.98	6.28	12.74	21.00	Pass
48	5240	1.72	-1.10	0.18	0.61	4.4553	6.49	15.98	6.28	12.77	21.00	Pass

Note:

1. Directional gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (20.02 - 6) = 15.98dBm.
2. Directional gain = 10 log $[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4]$ + 10log(4) = 6.28dBi (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 6.28dBi (above 30 degrees from the horizon)).

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
38	5190	1.64	-0.98	0.25	0.64	4.4748	6.51	15.98	6.28	12.79	21.00	Pass
46	5230	1.67	-0.10	-0.65	0.59	4.4527	6.49	15.98	6.28	12.77	21.00	Pass

Note:

1. Directional gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (20.02 - 6) = 15.98dBm.
2. Directional gain = 10 log $[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4]$ + 10log(4) = 6.28dBi (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 6.28dBi (above 30 degrees from the horizon)).

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42	5210	1.66	-0.18	-0.52	0.47	4.4264	6.46	15.98	6.28	12.74	21.00	Pass

Note:

1. Directional gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (20.02 - 6) = 15.98dBm.
2. Directional gain = 10 log $[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4]$ + 10log(4) = 6.28dBi (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 6.28dBi (above 30 degrees from the horizon)).

802.11ax (HE80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42+58 (L)	5210	8.75	9.72	-	-	16.875	12.27	18.99	6.84	18.55	21.00	Pass

Note:

1. Directional gain = $14 \text{ dBi} + 10\log(2) = 17.01 \text{ dBi} > 6\text{dBi}$, so the power limit shall be reduced to $30 - (17.01 - 6) = 18.99\text{dBm}$.
2. Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4] + 10\log(4) = 6.28\text{dBi}$ (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 6.28dBi (above 30 degrees from the horizon)).

Beamforming Mode (For U-NII-1 Band - Indoor Access Point)

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	9.12	9.91	10.01	9.82	37.578	15.75	15.98	Pass
40	5200	9.10	9.93	10.09	9.91	37.973	15.79	15.98	Pass
48	5240	8.98	9.81	10.00	9.78	36.985	15.68	15.98	Pass

Note: Directional gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (20.02 - 6) = 15.98dBm.

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	9.05	9.57	10.05	9.48	36.080	15.57	15.98	Pass
46	5230	9.56	9.44	10.24	10.03	38.464	15.85	15.98	Pass

Note: Directional gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (20.02 - 6) = 15.98dBm.

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	9.81	9.67	10.02	9.76	38.349	15.84	15.98	Pass

Note: Directional gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (20.02 - 6) = 15.98dBm.

802.11ac (VHT80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42+58 (L)	5210	8.73	9.65	-	-	16.690	12.22	18.99	Pass

Note: Directional gain = 14 dBi + 10log(2) = 20.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (17.01 - 6) = 15.98dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	9.14	9.93	10.04	9.84	37.774	15.77	15.98	Pass
40	5200	9.13	9.97	10.11	9.93	38.212	15.82	15.98	Pass
48	5240	9.01	9.83	10.03	9.81	37.219	15.71	15.98	Pass

Note: Directional gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (20.02 - 6) = 15.98dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	9.05	9.61	10.12	9.54	36.452	15.62	15.98	Pass
46	5230	9.61	9.48	10.28	10.07	38.841	15.89	15.98	Pass

Note: Directional gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (20.02 - 6) = 15.98dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	9.88	9.75	10.11	9.85	39.085	15.92	15.98	Pass

Note: Directional gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (20.02 - 6) = 15.98dBm.

802.11ax (HE80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42+58 (L)	5210	8.75	9.72	-	-	16.875	12.27	18.99	Pass

Note: Directional gain = 14 dBi + 10log(2) = 20.02 dBi > 6dBi, so the power limit shall be reduced to 30 - (17.01 - 6) = 15.98dBm.

Indoor/Outdoor (For 5250-5320MHz, 5500-5720MHz, 5745-5825MHz)

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				
52	5260	4.12	3.23	3.34	4.19	9.468	9.76	15.91	Pass
60	5300	4.03	3.35	3.31	4.09	9.399	9.73	15.89	Pass
64	5320	3.91	3.70	3.25	3.23	9.022	9.55	15.91	Pass
100	5500	4.12	3.71	4.45	3.23	9.822	9.92	15.90	Pass
116	5580	4.09	3.56	4.23	3.56	9.753	9.89	15.90	Pass
140	5700	4.03	3.34	4.49	3.34	9.657	9.85	15.91	Pass
144	5720 For U-NII-2C	3.06	2.34	3.36	2.25	8.080	9.07	14.69	Pass
144	5720 For U-NII-3	-2.73	-5.06	-2.21	-3.75	1.990	2.99	22.00	Pass
149	5745	15.61	16.32	15.02	15.44	146.010	21.64	22.00	Pass
157	5785	15.80	16.82	15.05	15.61	154.483	21.89	22.00	Pass
165	5825	15.87	16.72	15.06	15.59	153.913	21.87	22.00	Pass

For U-NII-2A, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-2C, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-3, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit				
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)	
52	5260	19.56	23.91	< 24
60	5300	19.49	23.89	< 24
64	5320	19.56	23.91	< 24
100	5500	19.54	23.90	< 24
116	5580	19.50	23.90	< 24
140	5700	19.55	23.91	< 24
144 (U-NII-2C)	5720	14.77	22.69	< 24

802.11n (HT20)

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				
52	5260	3.88	3.51	3.07	3.08	8.747	9.42	16.00	Pass
60	5300	4.26	3.17	3.09	3.86	9.211	9.64	16.00	Pass
64	5320	4.36	3.54	3.05	3.18	9.086	9.58	16.00	Pass
100	5500	4.08	3.61	4.39	3.08	9.635	9.84	16.00	Pass
116	5580	4.50	3.05	4.19	3.31	9.604	9.82	16.00	Pass
140	5700	4.62	3.16	4.08	3.27	9.649	9.84	16.00	Pass
144	5720 For U-NII-2C	3.02	1.70	2.62	2.00	7.271	8.62	14.93	Pass
144	5720 For U-NII-3	-1.91	-3.90	-3.16	-3.59	2.0793	3.18	22.00	Pass
149	5745	15.64	16.41	14.88	15.59	147.381	21.68	22.00	Pass
157	5785	15.88	16.77	15.11	15.66	155.506	21.92	22.00	Pass
165	5825	15.76	16.80	14.98	15.86	155.559	21.92	22.00	Pass

For U-NII-2A, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-2C, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-3, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	21.26	24.27	>	24
60	5300	21.10	24.24	>	24
64	5320	21.01	24.22	>	24
100	5500	21.19	24.26	>	24
116	5580	21.17	24.25	>	24
140	5700	21.18	24.25	>	24
144 (U-NII-2C)	5720	15.62	22.93	<	24

802.11n (HT40)

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				
54	5270	6.20	6.98	7.07	7.01	19.274	12.85	16.00	Pass
62	5310	6.15	6.84	7.11	7.06	19.174	12.83	16.00	Pass
102	5510	6.19	6.80	6.27	6.78	17.946	12.54	16.00	Pass
110	5550	6.16	6.94	6.25	6.73	18.000	12.55	16.00	Pass
134	5670	6.15	7.02	6.24	6.45	17.779	12.50	16.00	Pass
142	5710 For U-NII-2C	5.58	6.56	5.51	5.59	16.051	12.06	16.00	Pass
142	5710 For U-NII-3	-5.15	-3.81	-4.85	-5.08	1.424	1.53	22.00	Pass
151	5755	15.53	16.49	15.13	15.72	150.202	21.77	22.00	Pass
159	5795	15.63	16.42	14.77	15.31	144.367	21.59	22.00	Pass

For U-NII-2A, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-2C, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-3, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
54	5270	42.14	27.24	>	24
62	5310	41.87	27.21	>	24
102	5510	42.23	27.25	>	24
110	5550	41.88	27.22	>	24
134	5670	41.95	27.22	>	24
142 (U-NII-2C)	5710	35.92	26.55	>	24

802.11ac (VHT20)

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				
52	5260	3.90	3.52	3.08	3.10	8.778	9.43	16.00	Pass
60	5300	4.28	3.19	3.11	3.87	9.248	9.66	16.00	Pass
64	5320	4.37	3.56	3.07	3.20	9.122	9.60	16.00	Pass
100	5500	4.10	3.63	4.41	3.10	9.679	9.86	16.00	Pass
116	5580	4.52	3.07	4.21	3.34	9.653	9.85	16.00	Pass
140	5700	4.64	3.18	4.10	3.29	9.694	9.87	16.00	Pass
144	5720 For U-NII-2C	3.05	1.73	2.65	2.05	7.33	8.65	14.93	Pass
144	5720 For U-NII-3	-1.89	-3.87	-3.13	-3.56	2.0922	3.21	22.00	Pass
149	5745	15.66	16.44	14.90	15.61	148.163	21.71	22.00	Pass
157	5785	15.90	16.81	15.13	15.68	156.444	21.94	22.00	Pass
165	5825	15.78	16.83	15.01	15.88	156.460	21.94	22.00	Pass

For U-NII-2A, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-2C, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-3, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	21.26	24.27	>	24
60	5300	21.10	24.24	>	24
64	5320	21.01	24.22	>	24
100	5500	21.19	24.26	>	24
116	5580	21.17	24.25	>	24
140	5700	21.18	24.25	>	24
144 (U-NII-2C)	5720	15.62	22.93	<	24

802.11ac (VHT40)

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				
54	5270	6.21	7.01	7.09	7.03	19.365	12.87	16.00	Pass
62	5310	6.17	6.85	7.13	7.08	19.251	12.84	16.00	Pass
102	5510	6.21	6.82	6.30	6.80	18.039	12.56	16.00	Pass
110	5550	6.19	6.96	6.28	6.78	18.136	12.59	16.00	Pass
134	5670	6.17	7.04	6.25	6.48	17.862	12.52	16.00	Pass
142	5710 For U-NII-2C	5.62	6.60	5.56	5.63	16.208	12.10	16.00	Pass
142	5710 For U-NII-3	-5.13	-3.77	-4.81	-5.04	1.436	1.57	22.00	Pass
151	5755	15.85	16.51	15.16	15.75	153.624	21.86	22.00	Pass
159	5795	15.66	16.45	14.78	15.33	145.150	21.62	22.00	Pass

For U-NII-2A, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-2C, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-3, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
54	5270	42.14	27.24	>	24
62	5310	41.87	27.21	>	24
102	5510	42.23	27.25	>	24
110	5550	41.88	27.22	>	24
134	5670	41.95	27.22	>	24
142 (U-NII-2C)	5710	35.92	26.55	>	24

802.11ac (VHT80)

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				
58	5290	9.25	10.30	10.01	10.15	39.504	15.97	16.00	Pass
106	5530	9.11	10.00	9.15	9.87	36.075	15.57	16.00	Pass
122	5610	9.25	10.33	9.29	9.77	37.179	15.70	16.00	Pass
138	5690 For U-NII-2C	9.11	9.96	8.80	9.17	35.89	15.55	16.00	Pass
138	5690 For U-NII-3	-5.59	-5.16	-6.05	-5.59	1.1701	0.68	22.00	Pass
155	5775	15.60	16.38	14.81	15.29	143.834	21.58	22.00	Pass

For U-NII-2A, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-2C, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-3, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
58	5290	82.41	30.15	>	24
106	5530	82.43	30.16	>	24
122	5610	82.16	30.14	>	24
138 (U-NII-2C)	5690	75.79	29.79	>	24

802.11ac (VHT80+80)

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+58 (H)	5290	-	-	12.66	12.45	36.029	15.57	16.00	Pass
106+122 (L)	5530	9.14	9.70	-	-	33.377	15.23	16.00	Pass
106+122 (H)	5610	-	-	8.84	9.13				

For U-NII-2A, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-2C, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-3, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
42+58(H)	5290	82.85	30.18	>	24
106+122(L)	5530	82.87	30.18	>	24
106+122(H)	5610	83.14	30.19	>	24

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				
52	5260	3.91	3.54	3.10	3.12	8.813	9.45	16.00	Pass
60	5300	4.31	3.21	3.12	3.89	9.292	9.68	16.00	Pass
64	5320	4.39	3.61	3.09	3.22	9.180	9.63	16.00	Pass
100	5500	4.12	3.65	4.45	3.12	9.737	9.88	16.00	Pass
116	5580	4.54	3.09	4.23	3.36	9.698	9.87	16.00	Pass
140	5700	4.67	3.21	4.12	3.31	9.750	9.89	16.00	Pass
144	5720 For U-NII-2C	3.11	1.78	2.69	2.10	7.415	8.70	14.93	Pass
144	5720 For U-NII-3	-1.84	-3.81	-3.09	-3.51	2.116	3.26	22.00	Pass
149	5745	15.68	16.45	14.92	15.63	148.745	21.72	22.00	Pass
157	5785	15.92	16.82	15.15	15.70	157.056	21.96	22.00	Pass
165	5825	15.81	16.85	15.03	15.89	157.181	21.96	22.00	Pass

For U-NII-2A, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-2C, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-3, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	21.26	24.27	>	24
60	5300	21.10	24.24	>	24
64	5320	21.01	24.22	>	24
100	5500	21.19	24.26	>	24
116	5580	21.17	24.25	>	24
140	5700	21.18	24.25	>	24
144 (U-NII-2C)	5720	15.62	22.93	<	24

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				
54	5270	6.23	7.03	7.12	7.05	19.466	12.89	16.00	Pass
62	5310	6.19	6.89	7.15	7.10	19.362	12.87	16.00	Pass
102	5510	6.23	6.84	6.31	6.83	18.123	12.58	16.00	Pass
110	5550	6.21	6.98	6.30	6.80	18.219	12.61	16.00	Pass
134	5670	6.20	7.08	6.27	6.50	17.977	12.55	16.00	Pass
142	5710 For U-NII-2C	5.65	6.63	5.61	5.68	16.356	12.14	16.00	Pass
142	5710 For U-NII-3	-5.10	-3.74	-4.78	-5.00	1.4463	1.60	22.00	Pass
151	5755	15.87	16.52	15.18	15.77	154.229	21.88	22.00	Pass
159	5795	15.69	16.47	14.80	15.34	145.826	21.64	22.00	Pass

For U-NII-2A, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-2C, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-3, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
54	5270	42.14	27.24	>	24
62	5310	41.87	27.21	>	24
102	5510	42.23	27.25	>	24
110	5550	41.88	27.22	>	24
134	5670	41.95	27.22	>	24
142 (U-NII-2C)	5710	35.92	26.55	>	24

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				
58	5290	9.27	10.31	10.03	10.17	39.661	15.98	16.00	Pass
106	5530	9.13	10.02	9.17	9.89	36.241	15.59	16.00	Pass
122	5610	9.27	10.35	9.31	9.79	37.351	15.72	16.00	Pass
138	5690 For U-NII-2C	9.14	9.99	8.82	9.21	36.141	15.58	16.00	Pass
138	5690 For U-NII-3	-5.56	-5.13	-6.03	-5.54	1.1789	0.71	22.00	Pass
155	5775	15.62	16.41	14.82	15.31	144.529	21.60	22.00	Pass

For U-NII-2A, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-2C, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-3, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
58	5290	82.41	30.15	>	24
106	5530	82.43	30.16	>	24
122	5610	82.16	30.14	>	24
138 (U-NII-2C)	5690	75.79	29.79	>	24

802.11ax (HE80+80)

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+58 (H)	5290	-	-	12.68	12.48	36.236	15.59	16.00	Pass
106+122 (L)	5530	9.16	9.71	-	-	33.509	15.25	16.00	Pass
106+122 (H)	5610	-	-	8.86	9.15				

For U-NII-2A, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-2C, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(14-6)].

For U-NII-3, the directional gain is 14 dBi > 6 dBi, so the output power limit shall be reduced to 30-(14-6) = 22.00 dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
42+58(H)	5290	82.85	30.18	>	24
106+122(L)	5530	82.87	30.18	>	24
106+122(H)	5610	83.14	30.19	>	24

Beamforming Mode

802.11ac (VHT20)

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				
52	5260	3.90	3.52	3.08	3.10	8.778	9.43	9.98	Pass
60	5300	4.28	3.19	3.11	3.87	9.248	9.66	9.98	Pass
64	5320	4.37	3.56	3.07	3.20	9.122	9.60	9.98	Pass
100	5500	3.54	3.09	3.92	2.54	8.557	9.32	9.98	Pass
116	5580	3.95	2.51	3.70	2.83	8.528	9.31	9.98	Pass
140	5700	4.16	2.68	3.60	2.78	8.647	9.37	9.98	Pass
144	5720 For U-NII-2C	2.60	1.23	2.14	1.60	6.568	8.17	8.91	Pass
144	5720 For U-NII-3	-2.36	-4.27	-3.59	-4.12	1.8764	2.73	15.98	Pass
149	5745	9.52	9.36	9.82	9.52	36.131	15.58	15.98	Pass
157	5785	9.41	9.39	9.75	9.41	35.59	15.51	15.98	Pass
165	5825	9.39	9.50	9.63	9.36	35.415	15.49	15.98	Pass

*For U-NII-2A: Directional Gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the limit shall be reduced to 24-(20.02-6) = 9.98dBm.

For U-NII-2C: Directional Gain = 6 dBi + 10log(4) = 20.02 dBi > 6dBi, so the limit shall be reduced to 24-(20.02-6) = 9.98dBm.

Ch 144: The limit shall be reduced to 22.93-(20.02-6) = 8.91dBm.

For U-NII-3: Directional gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the limit shall be reduced to 30-(20.02-6) = 15.98dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	21.26	24.27	>	24
60	5300	21.10	24.24	>	24
64	5320	21.01	24.22	>	24
100	5500	21.19	24.26	>	24
116	5580	21.17	24.25	>	24
140	5700	21.18	24.25	>	24
144 (U-NII-2C)	5720	15.62	22.93	<	24

802.11ac (VHT40)

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				
54	5270	4.32	3.41	3.01	3.52	9.146	9.61	9.98	Pass
62	5310	4.41	3.36	3.10	3.45	9.183	9.63	9.98	Pass
102	5510	4.12	3.41	4.35	3.12	9.549	9.80	9.98	Pass
110	5550	4.41	3.08	4.21	3.33	9.582	9.81	9.98	Pass
134	5670	4.52	3.28	4.21	3.33	9.749	9.89	9.98	Pass
142	5710 For U-NII-2C	4.22	2.67	3.53	2.59	8.969	9.53	9.98	Pass
142	5710 For U-NII-3	-6.66	-7.79	-5.93	-8.15	0.828	-0.82	15.98	Pass
151	5755	9.39	9.45	9.71	9.44	35.644	15.52	15.98	Pass
159	5795	9.45	9.39	9.82	9.33	35.664	15.52	15.98	Pass

*For U-NII-2A: Directional Gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the limit shall be reduced to 24-(20.02-6) = 9.98dBm.

For U-NII-2C: Directional Gain = 6 dBi + 10log(4) = 20.02 dBi > 6dBi, so the limit shall be reduced to 24-(20.02-6) = 9.98dBm.

For U-NII-3: Directional gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the limit shall be reduced to 30-(20.02-6) = 15.98dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
54	5270	42.14	27.24	>	24
62	5310	41.87	27.21	>	24
102	5510	42.23	27.25	>	24
110	5550	41.88	27.22	>	24
134	5670	41.95	27.22	>	24
142 (U-NII-2C)	5710	35.92	26.55	>	24

802.11ac (VHT80)

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				
58	5290	4.28	3.25	3.10	3.36	9.002	9.54	9.98	Pass
106	5530	4.44	3.02	4.11	3.36	9.528	9.79	9.98	Pass
122	5610	4.41	3.18	4.20	3.36	9.638	9.84	9.98	Pass
138	5690 For U-NII-2C	4.18	2.86	3.99	2.81	9.492	9.77	9.98	Pass
138	5690 For U-NII-3	-10.59	-11.40	-10.30	-11.83	0.337	-4.72	15.98	Pass
155	5775	9.41	9.28	9.82	9.34	35.386	15.49	15.98	Pass

*For U-NII-2A: Directional Gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the limit shall be reduced to 24-(20.02-6) = 9.98dBm.

For U-NII-2C: Directional Gain = 6 dBi + 10log(4) = 20.02 dBi > 6dBi, so the limit shall be reduced to 24-(20.02-6) = 9.98dBm.

For U-NII-3: Directional gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the limit shall be reduced to 30-(20.02-6) = 15.98dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
58	5290	82.41	30.15	>	24
106	5530	82.43	30.16	>	24
122	5610	82.16	30.14	>	24
138 (U-NII-2C)	5690	75.79	29.79	>	24

802.11ac (VHT80+80)

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+58 (H)	5290	-	-	9.61	9.40	17.851	12.52	12.99	Pass
106+122 (L)	5530	4.36	3.28	-	-	9.739	9.89	12.99	Pass
106+122 (H)	5610	-	-	4.36	3.33				Pass

*For U-NII-2A: Directional Gain = 14 dBi + 10log(2) = 17.01 dBi > 6dBi, so the limit shall be reduced to 24-(17.01-6) = 12.99dBm.

For U-NII-2C: Directional Gain = 14 dBi + 10log(2) = 17.01 dBi > 6dBi, so the limit shall be reduced to 24-(17.01-6) = 12.99dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit				
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)	
42+58(H)	5290	82.85	30.18	> 24
106+122(L)	5530	82.87	30.18	> 24
106+122(H)	5610	83.14	30.19	> 24

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				
52	5260	3.91	3.54	3.10	3.12	8.813	9.45	9.98	Pass
60	5300	4.31	3.21	3.12	3.89	9.292	9.68	9.98	Pass
64	5320	4.39	3.61	3.09	3.22	9.18	9.63	9.98	Pass
100	5500	3.60	3.13	3.99	2.60	8.673	9.38	9.98	Pass
116	5580	4.01	2.58	3.75	2.88	8.641	9.37	9.98	Pass
140	5700	4.19	2.73	3.64	2.83	8.730	9.41	9.98	Pass
144	5720 For U-NII-2C	2.67	1.28	2.16	1.65	6.641	8.22	8.91	Pass
144	5720 For U-NII-3	-2.34	-4.25	-3.57	-4.03	1.892	2.77	15.98	Pass
149	5745	9.69	9.45	9.92	9.63	37.122	15.70	15.98	Pass
157	5785	9.58	9.48	9.89	9.52	36.653	15.64	15.98	Pass
165	5825	9.45	9.52	9.71	9.41	35.848	15.54	15.98	Pass

*For U-NII-2A: Directional Gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the limit shall be reduced to 24-(20.02-6) = 9.98dBm.

For U-NII-2C: Directional Gain = 6 dBi + 10log(4) = 20.02 dBi > 6dBi, so the limit shall be reduced to 24-(20.02-6) = 9.98dBm.

Ch 144: The limit shall be reduced to 22.93-(20.02-6) = 8.91dBm.

For U-NII-3: Directional gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the limit shall be reduced to 30-(20.02-6) = 15.98dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	21.26	24.27	>	24
60	5300	21.10	24.24	>	24
64	5320	21.01	24.22	>	24
100	5500	21.19	24.26	>	24
116	5580	21.17	24.25	>	24
140	5700	21.18	24.25	>	24
144 (U-NII-2C)	5720	15.62	22.93	<	24

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				
54	5270	4.41	3.52	3.11	3.69	9.395	9.73	9.98	Pass
62	5310	4.52	3.45	3.18	3.58	9.405	9.73	9.98	Pass
102	5510	4.18	3.55	4.58	3.22	9.853	9.94	9.98	Pass
110	5550	4.55	3.18	4.30	3.41	9.815	9.92	9.98	Pass
134	5670	4.66	3.31	4.28	3.41	9.939	9.97	9.98	Pass
142	5710 For U-NII-2C	4.25	2.70	3.56	2.63	9.036	9.56	9.98	Pass
142	5710 For U-NII-3	-6.60	-7.75	-5.89	-8.12	0.8365	-0.78	15.98	Pass
151	5755	9.41	9.52	9.82	9.52	36.231	15.59	15.98	Pass
159	5795	9.52	9.41	9.93	9.41	36.253	15.59	15.98	Pass

*For U-NII-2A: Directional Gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the limit shall be reduced to 24-(20.02-6) = 9.98dBm.

For U-NII-2C: Directional Gain = 6 dBi + 10log(4) = 20.02 dBi > 6dBi, so the limit shall be reduced to 24-(20.02-6) = 9.98dBm.

For U-NII-3: Directional gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the limit shall be reduced to 30-(20.02-6) = 15.98dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
54	5270	42.14	27.24	>	24
62	5310	41.87	27.21	>	24
102	5510	42.23	27.25	>	24
110	5550	41.88	27.22	>	24
134	5670	41.95	27.22	>	24
142 (U-NII-2C)	5710	35.92	26.55	>	24

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				
58	5290	4.36	3.33	3.16	3.45	9.165	9.62	9.98	Pass
106	5530	4.58	3.18	4.21	3.48	9.815	9.92	9.98	Pass
122	5610	4.52	3.28	4.28	3.44	9.847	9.93	9.98	Pass
138	5690 For U-NII-2C	4.21	2.91	4.05	2.89	9.609	9.83	9.98	Pass
138	5690 For U-NII-3	-10.57	-11.35	-10.23	-11.77	0.341	-4.67	15.98	Pass
155	5775	9.51	9.36	9.88	9.40	36.000	15.56	15.98	Pass

*For U-NII-2A: Directional Gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the limit shall be reduced to 24-(20.02-6) = 9.98dBm.

For U-NII-2C: Directional Gain = 6 dBi + 10log(4) = 20.02 dBi > 6dBi, so the limit shall be reduced to 24-(20.02-6) = 9.98dBm.

For U-NII-3: Directional gain = 14 dBi + 10log(4) = 20.02 dBi > 6dBi, so the limit shall be reduced to 30-(20.02-6) = 15.98dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
58	5290	82.41	30.15	>	24
106	5530	82.43	30.16	>	24
122	5610	82.16	30.14	>	24
138 (U-NII-2C)	5690	75.79	29.79	>	24

802.11ax (HE80+80)

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+58 (H)	5290	-	-	9.65	9.43	17.996	12.55	12.99	Pass
106+122 (L)	5530	4.40	3.30	-	-	9.851	9.93	12.99	Pass
106+122 (H)	5610	-	-	4.37	3.47				Pass

*For U-NII-2A: Directional Gain = 14 dBi + 10log(2) = 17.01 dBi > 6dBi, so the limit shall be reduced to 24-(17.01-6) = 12.99dBm.

For U-NII-2C: Directional Gain = 14 dBi + 10log(2) = 17.01 dBi > 6dBi, so the limit shall be reduced to 24-(17.01-6) = 12.99dBm.

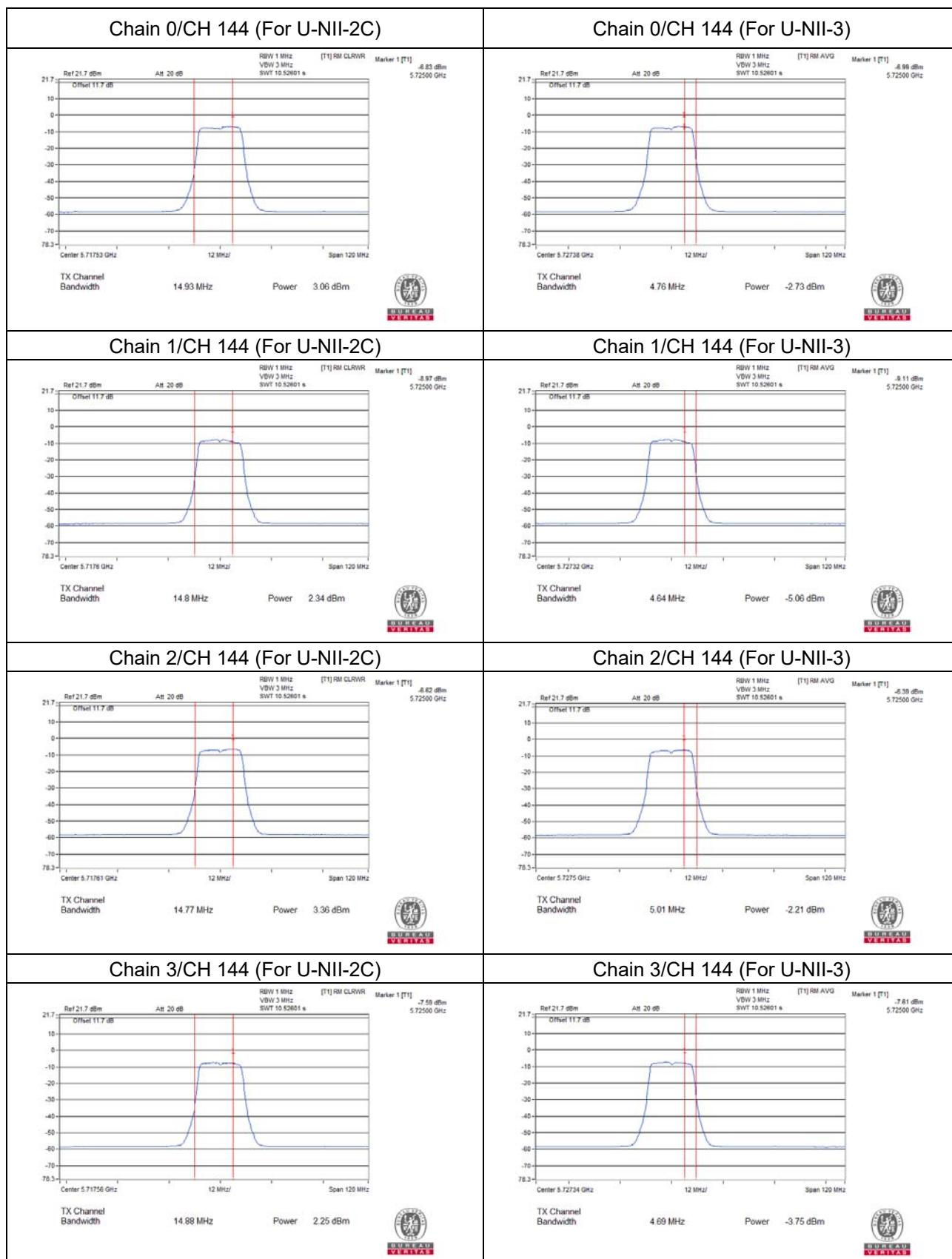
Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit				
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)	
42+58(H)	5290	82.85	30.18	> 24
106+122(L)	5530	82.87	30.18	> 24
106+122(H)	5610	83.14	30.19	> 24

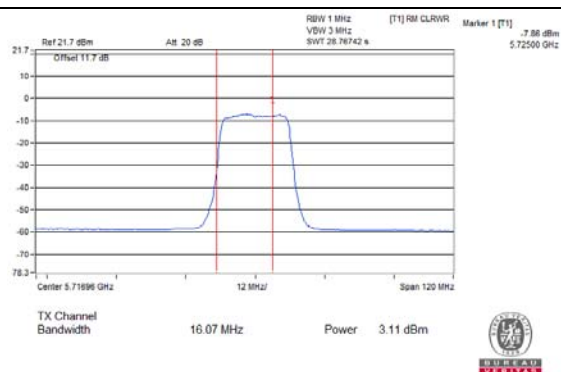
Straddle channel power plots:

802.11a

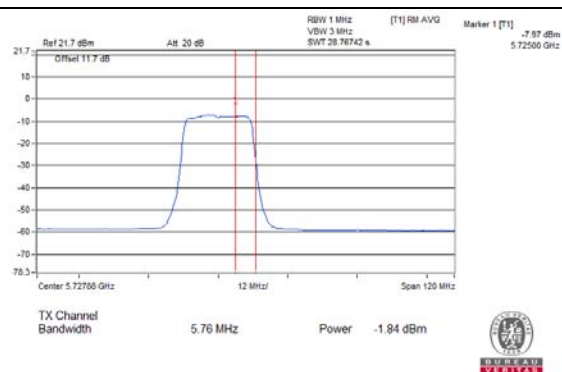


802.11ax (HE20)

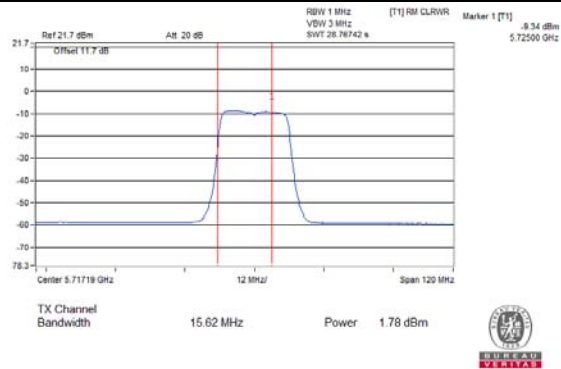
Chain 0/CH 144 (For U-NII-2C)



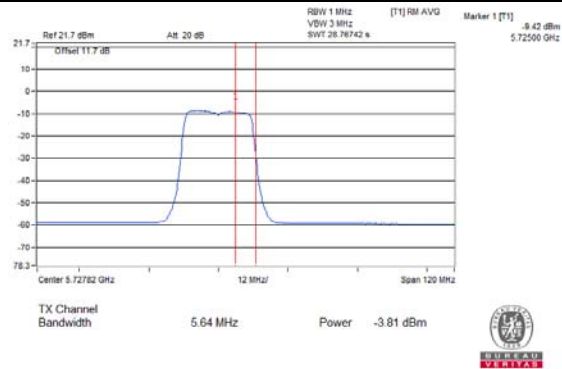
Chain 0/CH 144 (For U-NII-3)



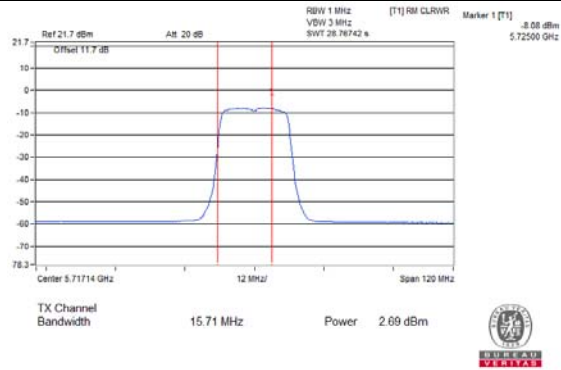
Chain 1/CH 144 (For U-NII-2C)



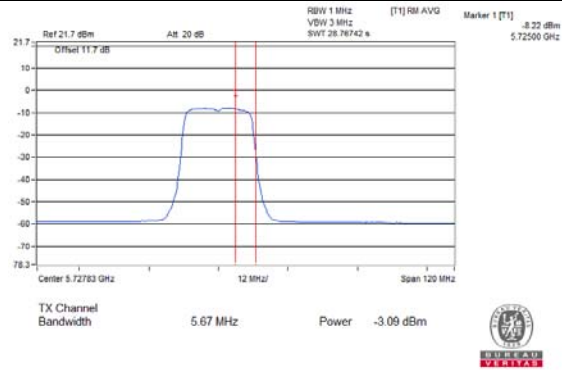
Chain 1/CH 144 (For U-NII-3)



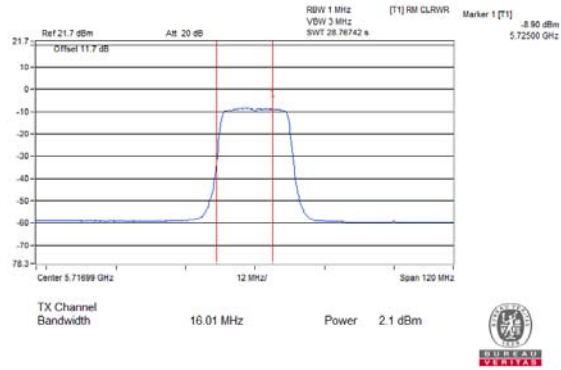
Chain 2/CH 144 (For U-NII-2C)



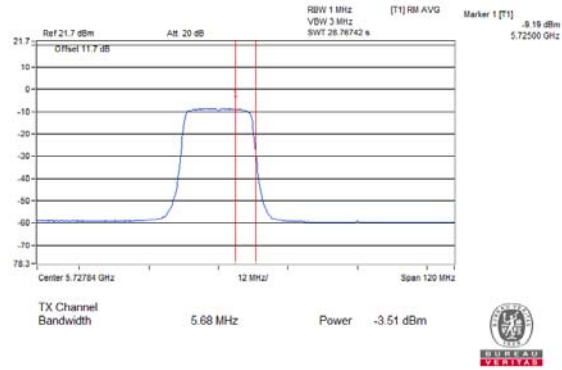
Chain 2/CH 144 (For U-NII-3)



Chain 3/CH 144 (For U-NII-2C)

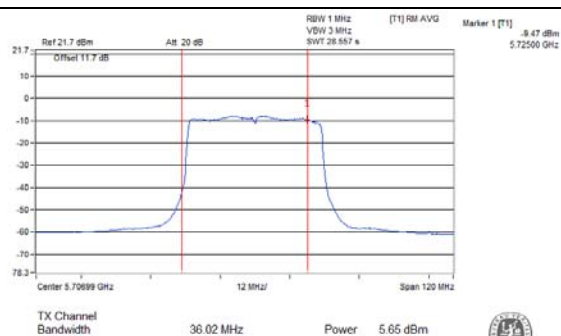


Chain 3/CH 144 (For U-NII-3)

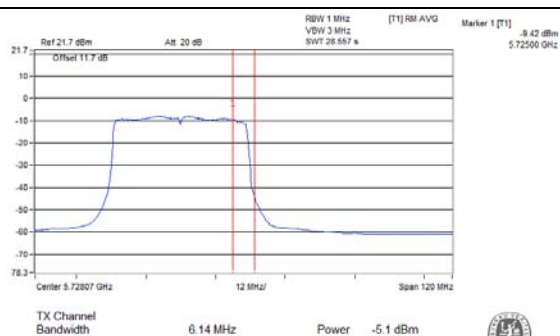


802.11ax (HE40)

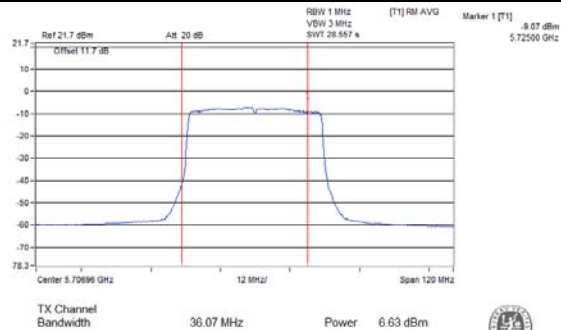
Chain 0/CH 142 (For U-NII-2C)



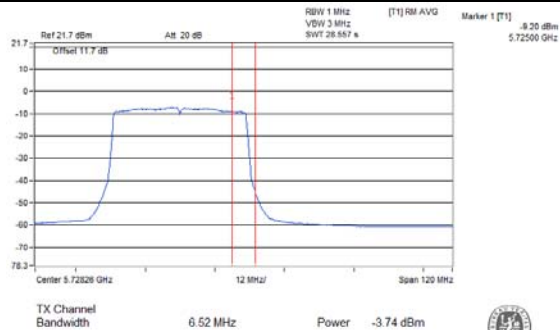
Chain 0/CH 142 (For U-NII-3)



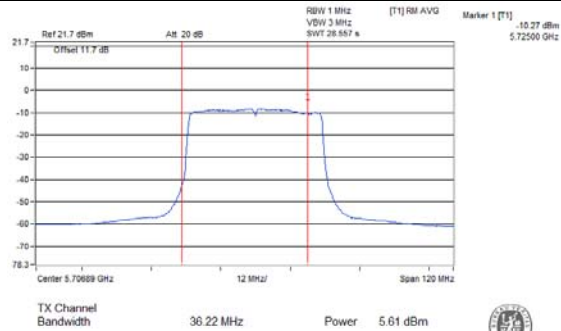
Chain 1/CH 142 (For U-NII-2C)



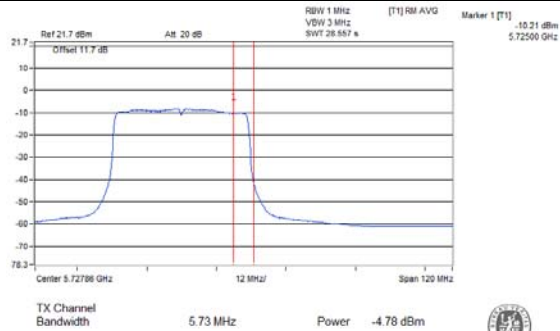
Chain 1/CH 142 (For U-NII-3)



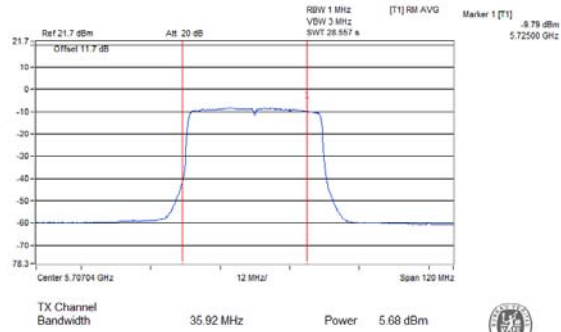
Chain 2/CH 142 (For U-NII-2C)



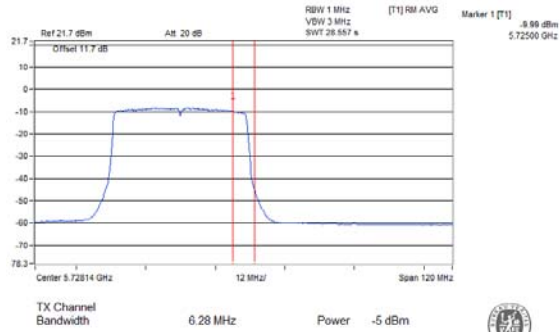
Chain 2/CH 142 (For U-NII-3)



Chain 3/CH 142 (For U-NII-2C)

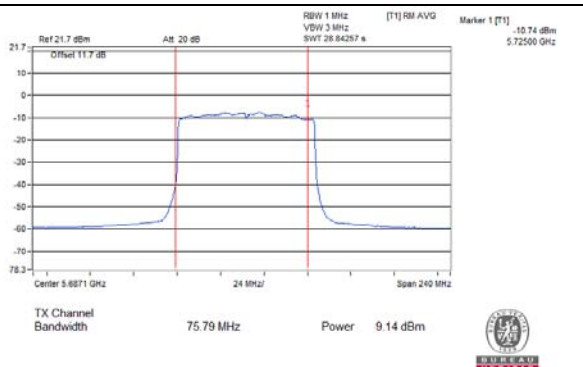


Chain 3/CH 142 (For U-NII-3)

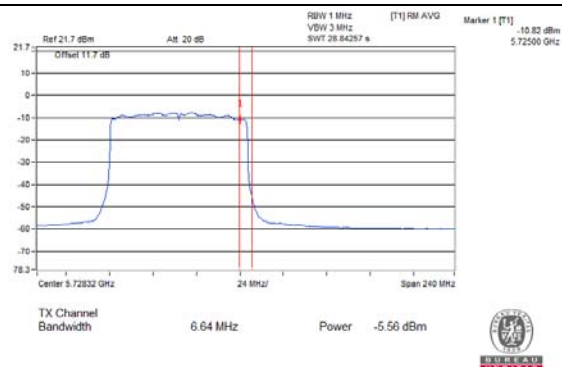


802.11ax (HE80)

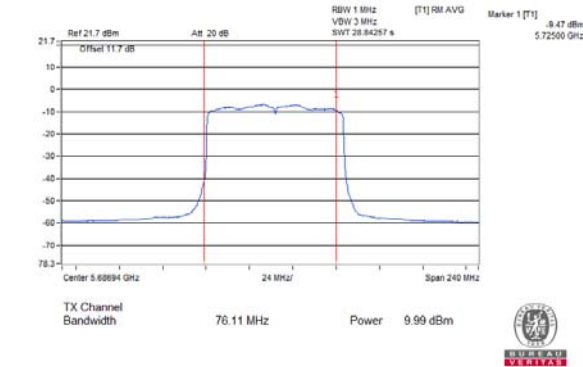
Chain 0/CH 138 (For U-NII-2C)



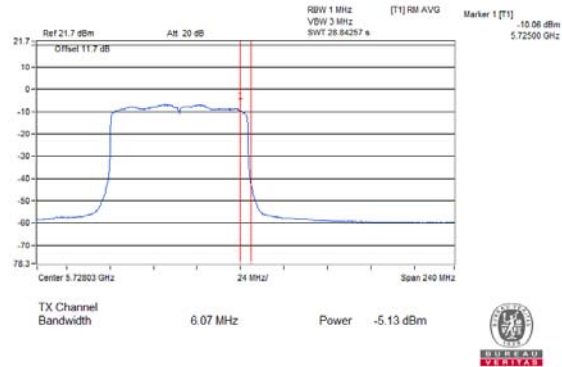
Chain 0/CH 138 (For U-NII-3)



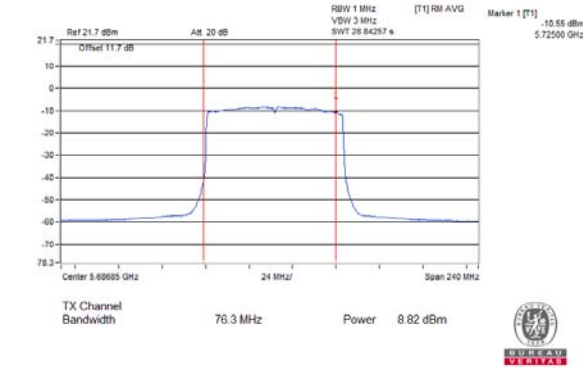
Chain 1/CH 138 (For U-NII-2C)



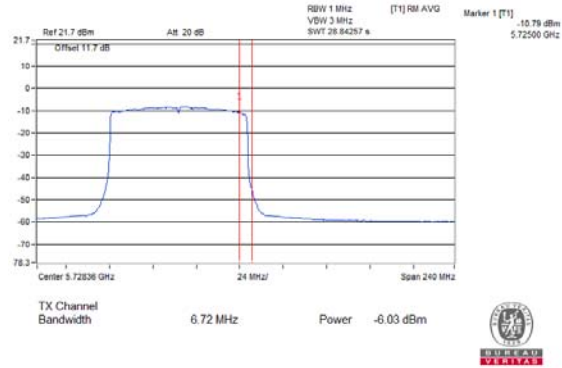
Chain 1/CH 138 (For U-NII-3)



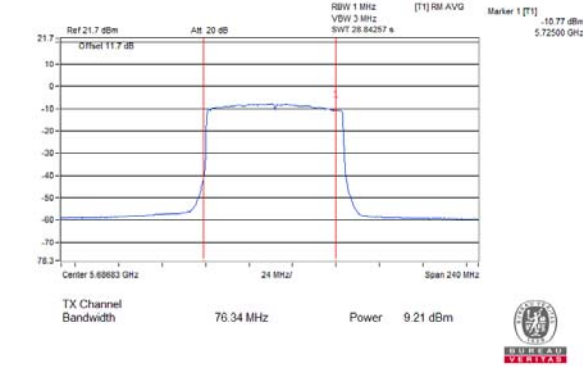
Chain 2/CH 138 (For U-NII-2C)



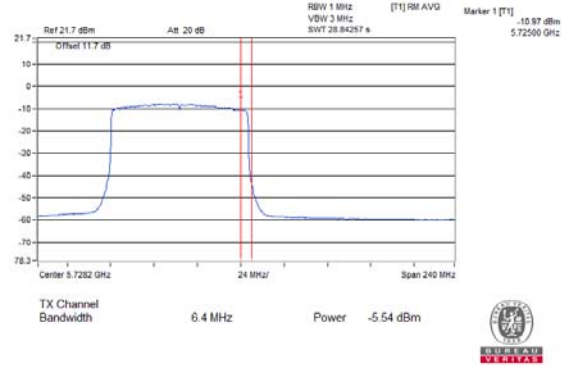
Chain 2/CH 138 (For U-NII-3)



Chain 3/CH 138 (For U-NII-2C)



Chain 3/CH 138 (For U-NII-3)



26dB Bandwidth:

802.11a

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
52	5260	19.78	19.56	19.78	19.66
60	5300	19.72	19.49	19.62	19.66
64	5320	19.74	19.56	19.65	19.61
100	5500	19.70	19.54	19.73	20.02
116	5580	19.50	19.87	19.69	19.50
140	5700	19.73	19.73	19.59	19.55
144	5720 (For U-NII-2C)	14.93	14.80	14.77	14.88

For CH144 (U-NII-2C Band): The 26dBc bandwidth below 5725MHz = 5725MHz - Marker 1

802.11ax (HE20)

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
52	5260	21.47	21.70	21.26	21.76
60	5300	21.45	21.10	21.62	21.28
64	5320	21.67	21.01	21.33	21.16
100	5500	21.41	21.19	21.41	21.25
116	5580	21.46	21.17	21.41	21.22
140	5700	21.33	21.41	21.59	21.18
144	5720 (For U-NII-2C)	16.07	15.62	15.71	16.01

For CH144 (U-NII-2C Band): The 26dBc bandwidth below 5725MHz = 5725MHz - Marker 1

802.11ax (HE40)

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
54	5270	42.28	42.49	42.38	42.14
62	5310	42.58	42.28	41.87	41.92
102	5510	42.52	42.44	42.71	42.23
110	5550	41.88	42.02	42.41	42.37
134	5670	41.95	42.25	42.71	42.01
142	5710 (For U-NII-2C)	36.02	36.07	36.22	35.92

For CH142 (U-NII-2C Band): The 26dBc bandwidth below 5725MHz = 5725MHz - Marker 1

802.11ax (HE80)

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
58	5290	82.41	82.80	83.66	82.66
106	5530	83.02	83.02	82.43	82.66
122	5610	82.37	83.03	82.16	82.95
138	5690 (For U-NII-2C)	75.79	76.11	76.30	76.34

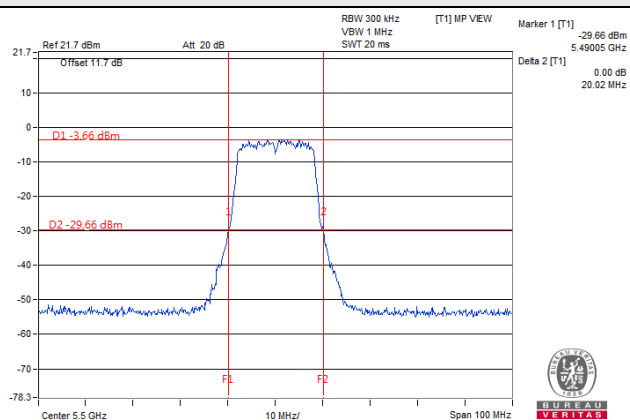
For CH138 (U-NII-2C Band): The 26dBc bandwidth below 5725MHz = 5725MHz - Marker 1

802.11ax (HE80+80)

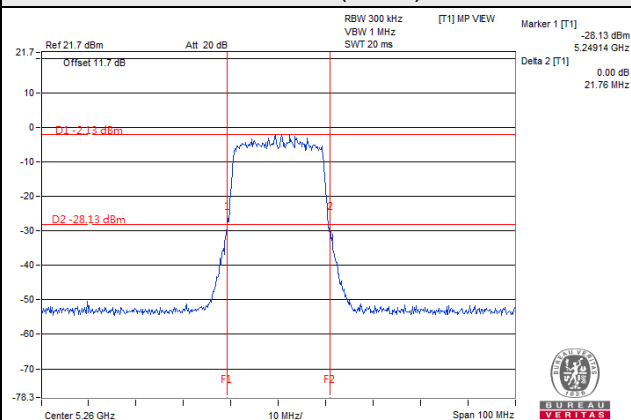
Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
42+58	5210	-	-	82.89	82.85
106+122(L)	5530	82.87	137.82	-	-
106+122(H)	5610	-	-	83.22	83.14

Spectrum Plot of Worst Value

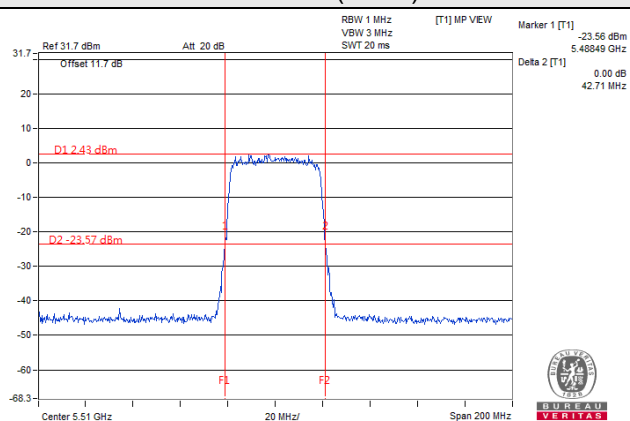
802.11a



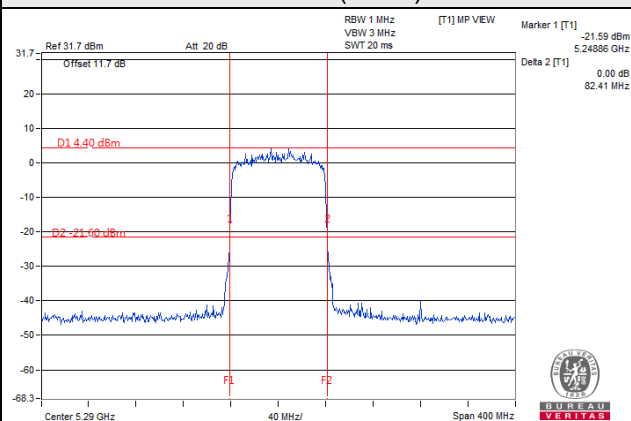
802.11ax (HE20)



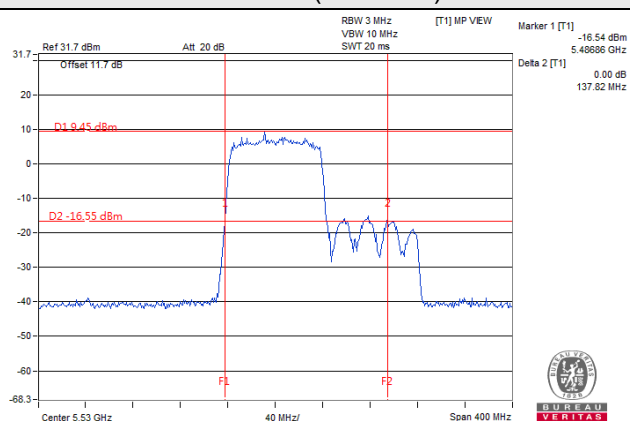
802.11ax (HE40)



802.11ax (HE80)



802.11ax (HE80+80)



EUT Average Power

CDD Mode

802.11a

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	9.468	9.76
5470~5725	9.822	9.92

802.11n (HT20)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	9.211	9.64
5470~5725	9.649	9.84

802.11n (HT40)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	19.274	12.85
5470~5725	18.000	12.55

802.11ac (VHT20)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	9.248	9.66
5470~5725	9.694	9.87

802.11ac (VHT40)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	19.365	12.87
5470~5725	18.136	12.59

802.11ac (VHT80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	39.504	15.97
5470~5725	37.179	15.70

802.11ac (VHT80+80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	36.029	15.57
5470~5725	33.377	15.23

802.11ax (HE20)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	9.292	9.68
5470~5725	9.750	9.89

802.11ax (HE40)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	19.466	12.89
5470~5725	18.219	12.61

802.11ax (HE80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	39.661	15.98
5470~5725	37.351	15.72

802.11ax (HE80+80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	36.236	15.59
5470~5725	33.509	15.25

Beamforming Mode

802.11ac (VHT20)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	9.248	9.66
5470~5725	8.647	9.37

802.11ac (VHT40)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	9.183	9.63
5470~5725	9.749	9.89

802.11ac (VHT80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	9.002	9.54
5470~5725	9.638	9.84

802.11ac (VHT80+80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	17.851	12.52
5470~5725	9.739	9.89

802.11ax (HE20)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	9.292	9.68
5470~5725	8.730	9.41

802.11ax (HE40)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	9.405	9.73
5470~5725	9.939	9.97

802.11ax (HE80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	9.165	9.62
5470~5725	9.847	9.93

802.11ax (HE80+80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	17.996	12.55
5470~5725	9.851	9.93

Mode C

CDD Mode (For U-NII-1 Band - Outdoor Access Point)

802.11a

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	16.81	17.20	17.48	17.34	210.630	23.24	29.50	-5.32	16.78	21.00	Pass
40	5200	16.69	17.41	17.56	17.40	213.717	23.30	29.50	-5.32	16.75	21.00	Pass
48	5240	16.72	17.32	17.36	17.39	210.218	23.23	29.50	-5.32	16.77	21.00	Pass

Note:

1. Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.5 - 6) = 29.50$ dBm.
2. Antenna gain = -5.32dBi (above 30 degrees from the horizon).
3. EIRP = average power + (-5.32dBi) + array gain = (0 dB (i.e., no array gain) for $NANT \leq 4$).

802.11n (HT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	16.64	17.29	17.48	17.28	209.144	23.20	29.50	-5.32	17.88	21.00	Pass
40	5200	16.60	17.12	17.45	17.34	207.022	23.16	29.50	-5.32	17.84	21.00	Pass
48	5240	16.73	17.22	17.30	17.31	207.351	23.17	29.50	-5.32	17.85	21.00	Pass

Note:

1. Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.5 - 6) = 29.50$ dBm.
2. Antenna gain = -5.32dBi (above 30 degrees from the horizon).
3. EIRP = average power + (-5.32dBi) + array gain = (0 dB (i.e., no array gain) for $NANT \leq 4$).

802.11n (HT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
38	5190	14.50	15.14	15.51	15.09	128.691	21.10	29.50	-5.32	15.78	21.00	Pass
46	5230	16.73	17.03	17.34	17.30	205.467	23.13	29.50	-5.32	17.81	21.00	Pass

Note:

1. Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.5 - 6) = 29.50$ dBm.
2. Antenna gain = -5.32dBi (above 30 degrees from the horizon).
3. EIRP = average power + (-5.32dBi) + array gain = (0 dB (i.e., no array gain) for $NANT \leq 4$).

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	16.65	17.31	17.50	17.30	210.002	23.22	29.50	-5.32	17.90	21.00	Pass
40	5200	16.65	17.18	17.52	17.41	210.052	23.22	29.50	-5.32	17.90	21.00	Pass
48	5240	16.78	17.27	17.33	17.35	209.377	23.21	29.50	-5.32	17.89	21.00	Pass

Note:

1. Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.5 - 6) = 29.50$ dBm.
2. Antenna gain = -5.32dBi (above 30 degrees from the horizon).
3. EIRP = average power + (-5.32dBi) + array gain = (0 dB (i.e., no array gain) for NANT ≤ 4).

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
38	5190	14.56	15.20	15.58	15.20	130.943	21.17	29.50	-5.32	15.85	21.00	Pass
46	5230	16.78	17.09	17.41	17.38	208.594	23.19	29.50	-5.32	17.87	21.00	Pass

Note:

1. Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.5 - 6) = 29.50$ dBm.
2. Antenna gain = -5.32dBi (above 30 degrees from the horizon).
3. EIRP = average power + (-5.32dBi) + array gain = (0 dB (i.e., no array gain) for NANT ≤ 4).

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42	5210	14.93	15.61	15.90	15.60	142.721	21.54	29.50	-5.32	16.22	21.00	Pass

Note:

1. Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.5 - 6) = 29.50$ dBm.
2. Antenna gain = -5.32dBi (above 30 degrees from the horizon).
3. EIRP = average power + (-5.32dBi) + array gain = (0 dB (i.e., no array gain) for NANT ≤ 4).

802.11ac (VHT80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42+58 (L)	5210	14.75	15.03	-	-	61.696	17.90	29.50	-5.32	12.58	21.00	Pass

Note:

1. Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.5 - 6) = 29.50$ dBm.
2. Antenna gain = -5.32dBi (above 30 degrees from the horizon).
3. EIRP = average power + (-5.32dBi) + array gain = (0 dB (i.e., no array gain) for NANT ≤ 4).

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	16.67	17.35	17.53	17.31	211.227	23.25	29.50	-5.32	17.93	21.00	Pass
40	5200	16.67	17.23	17.58	17.45	212.166	23.27	29.50	-5.32	17.95	21.00	Pass
48	5240	16.80	17.31	17.38	17.40	211.346	23.25	29.50	-5.32	17.93	21.00	Pass

Note:

1. Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.5 - 6) = 29.50$ dBm.
2. Antenna gain = -5.32dBi (above 30 degrees from the horizon).
3. EIRP = average power + (-5.32dBi) + array gain = (0 dB (i.e., no array gain) for NANT ≤ 4).

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
38	5190	14.61	15.23	15.63	15.24	132.228	21.21	29.50	-5.32	15.89	21.00	Pass
46	5230	16.83	17.12	17.45	17.43	210.643	23.24	29.50	-5.32	17.92	21.00	Pass

Note:

1. Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.5 - 6) = 29.50$ dBm.
2. Antenna gain = -5.32dBi (above 30 degrees from the horizon).
3. EIRP = average power + (-5.32dBi) + array gain = (0 dB (i.e., no array gain) for NANT ≤ 4).

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42	5210	15.01	15.67	15.94	15.63	144.417	21.60	29.50	-5.32	16.28	21.00	Pass

Note:

1. Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.5 - 6) = 29.50$ dBm.
2. Antenna gain = -5.32dBi (above 30 degrees from the horizon).
3. EIRP = average power + (-5.32dBi) + array gain = (0 dB (i.e., no array gain) for NANT ≤ 4).

802.11ax (HE80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42+58 (L)	5210	14.79	15.12	-	-	62.639	17.97	29.50	-5.32	12.65	21.00	Pass

Note:

1. Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30 - (6.5 - 6) = 29.50$ dBm.
2. Antenna gain = -5.32dBi (above 30 degrees from the horizon).
3. EIRP = average power + (-5.32dBi) + array gain = (0 dB (i.e., no array gain) for NANT ≤ 4).

CDD Mode (For U-NII-1 Band - Indoor Access Point)

802.11a

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	16.81	17.20	17.48	17.34	210.630	23.24	29.50	Pass
40	5200	16.69	17.38	17.50	17.47	213.449	23.29	29.50	Pass
48	5240	16.72	17.32	17.36	17.39	210.218	23.23	29.50	Pass

Note: Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30-(6.5-6) = 29.50$ dBm.

802.11n (HT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	16.64	17.29	17.48	17.28	209.144	23.20	29.50	Pass
40	5200	16.78	17.39	17.71	17.40	216.445	23.35	29.50	Pass
48	5240	16.77	17.33	17.45	17.39	212.027	23.26	29.50	Pass

Note: Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30-(6.5-6) = 29.50$ dBm.

802.11n (HT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	14.52	15.23	15.61	15.25	131.545	21.19	29.50	Pass
46	5230	19.75	20.28	20.44	20.45	422.646	26.26	29.50	Pass

Note: Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30-(6.5-6) = 29.50$ dBm.

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	16.65	17.31	17.50	17.30	210.002	23.22	29.50	Pass
40	5200	16.80	17.40	17.73	17.41	217.190	23.37	29.50	Pass
48	5240	16.78	17.35	17.47	17.41	212.896	23.28	29.50	Pass

Note: Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30-(6.5-6) = 29.50$ dBm.

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	14.56	15.28	15.65	15.30	132.917	21.24	29.50	Pass
46	5230	19.79	20.31	20.48	20.47	425.794	26.29	29.50	Pass

Note: Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30-(6.5-6) = 29.50$ dBm.

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	14.94	16.71	15.28	14.83	142.208	21.53	29.50	Pass

Note: Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30-(6.5-6) = 29.50$ dBm.

802.11ac (VHT80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42+58 (L)	5210	14.75	15.03	-	-	61.696	17.90	29.50	Pass

Note: Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30-(6.5-6) = 29.50$ dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	16.67	17.35	17.53	17.31	211.227	23.25	29.50	Pass
40	5200	16.81	17.44	17.76	17.45	218.730	23.40	29.50	Pass
48	5240	16.80	17.37	17.49	17.43	213.879	23.30	29.50	Pass

Note: Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30-(6.5-6) = 29.50$ dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	14.61	15.31	15.71	15.33	134.228	21.28	29.50	Pass
46	5230	19.81	20.34	20.50	20.49	428.008	26.31	29.50	Pass

Note: Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30-(6.5-6) = 29.50$ dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	14.99	16.75	15.31	14.86	143.447	21.57	29.50	Pass

Note: Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30-(6.5-6) = 29.50$ dBm.

802.11ax (HE80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42+58 (L)	5210	14.79	15.12	-	-	62.639	17.97	29.50	Pass

Note: Antenna gain = 6.5dBi > 6 dBi, so the output power limit shall be reduced to $30-(6.5-6) = 29.50$ dBm.

Beamforming Mode (For U-NII-1 Band - Outdoor Access Point)

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	7.76	8.27	8.15	8.24	25.884	14.13	23.48	0.05	14.18	21.00	Pass
40	5200	7.38	8.39	8.35	8.16	25.758	14.11	23.48	0.05	14.16	21.00	Pass
48	5240	7.59	8.62	8.42	8.29	26.714	14.27	23.48	0.05	14.32	21.00	Pass

Note:

1. Directional gain = $6.5 \text{ dBi} + 10\log(4) = 12.52 \text{ dBi} > 6\text{dBi}$, so the power limit shall be reduced to $30 - (12.52 - 6) = 23.48\text{dBm}$.
2. Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4] + 10\log(4) = 0.05\text{dBi}$ (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 0.05dBi (above 30 degrees from the horizon)).

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
38	5190	7.85	8.31	8.88	7.89	26.75	14.27	23.48	0.05	14.32	21.00	Pass
46	5230	7.43	8.27	8.65	7.68	25.437	14.05	23.48	0.05	14.10	21.00	Pass

Note:

1. Directional gain = $6.5 \text{ dBi} + 10\log(4) = 12.52 \text{ dBi} > 6\text{dBi}$, so the power limit shall be reduced to $30 - (12.52 - 6) = 23.48\text{dBm}$.
2. Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4] + 10\log(4) = 0.05\text{dBi}$ (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 0.05dBi (above 30 degrees from the horizon)).

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42	5210	7.79	8.19	8.22	8.13	25.742	14.11	23.48	0.05	14.16	21.00	Pass

Note:

1. Directional gain = $6.5 \text{ dBi} + 10\log(4) = 12.52 \text{ dBi} > 6\text{dBi}$, so the power limit shall be reduced to $30 - (12.52 - 6) = 23.48\text{dBm}$.
2. Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4] + 10\log(4) = 0.05\text{dBi}$ (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 0.05dBi (above 30 degrees from the horizon)).

802.11ac (VHT80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42+58 (L)	5210	14.11	14.78	-	-	55.824	17.47	26.49	0.05	17.52	21.00	Pass

Note:

1. Directional gain = 6.5 dBi + 10log(2) = 9.51 dBi > 6dBi, so the power limit shall be reduced to 30 - (9.51 - 6) = 26.49dBm.
2. Directional gain = 10 log $[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4]$ + 10log(4) = 0.05dBi (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 0.05dBi (above 30 degrees from the horizon)).

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
36	5180	7.83	8.36	8.21	8.31	26.321	14.20	23.48	0.05	14.25	21.00	Pass
40	5200	7.45	8.42	8.66	8.25	26.538	14.24	23.48	0.05	14.29	21.00	Pass
48	5240	7.63	8.76	8.52	8.36	27.278	14.36	23.48	0.05	14.41	21.00	Pass

Note:

1. Directional gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.52 - 6) = 23.48dBm.
2. Directional gain = 10 log $[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4]$ + 10log(4) = 0.05dBi (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 0.05dBi (above 30 degrees from the horizon)).

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
38	5190	7.93	8.40	8.93	7.94	27.166	14.34	23.48	0.05	14.39	21.00	Pass
46	5230	7.62	8.36	8.69	8.22	26.669	14.26	23.48	0.05	14.31	21.00	Pass

Note:

1. Directional gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.52 - 6) = 23.48dBm.
2. Directional gain = 10 log $[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4]$ + 10log(4) = 0.05dBi (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 0.05dBi (above 30 degrees from the horizon)).

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42	5210	7.85	8.24	8.24	8.19	26.023	14.15	23.48	0.05	14.20	21.00	Pass

Note:

1. Directional gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.52 - 6) = 23.48dBm.
2. Directional gain = 10 log $[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4]$ + 10log(4) = 0.05dBi (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 0.05dBi (above 30 degrees from the horizon)).

802.11ax (HE80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3							
42+58 (L)	5210	14.14	14.82	-	-	56.281	17.50	26.49	0.05	17.55	21.00	Pass

Note:

1. Directional gain = $6.5 \text{ dBi} + 10\log(2) = 9.51 \text{ dBi} > 6\text{dBi}$, so the power limit shall be reduced to $30 - (9.51 - 6) = 26.49\text{dBm}$.
2. Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/4] + 10\log(4) = 0.05\text{dBi}$ (above 30 degrees from the horizon).
3. EIRP = average power + (Directional gain = 0.05dBi (above 30 degrees from the horizon)).

Beamforming Mode (For U-NII-1 Band - Indoor Access Point)

802.11ac (VHT20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	15.61	16.32	16.47	16.24	165.680	22.19	23.48	Pass
40	5200	15.73	16.40	16.69	16.40	171.380	22.34	23.48	Pass
48	5240	15.83	16.41	16.45	16.38	169.643	22.30	23.48	Pass

Note: Directional gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.52 - 6) = 23.48dBm.

802.11ac (VHT40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	12.60	13.16	13.61	13.24	82.946	19.19	23.48	Pass
46	5230	15.74	16.24	16.51	16.45	168.498	22.27	23.48	Pass

Note: Directional gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.52 - 6) = 23.48dBm.

802.11ac (VHT80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	13.40	15.08	13.61	13.26	98.233	19.92	23.48	Pass

Note: Directional gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.52 - 6) = 23.48dBm.

802.11ac (VHT80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42+58 (L)	5210	14.11	14.78	-	-	55.824	17.47	26.49	Pass

Note: Directional gain = 6.5 dBi + 10log(2) = 9.51 dBi > 6dBi, so the power limit shall be reduced to 30 - (9.51 - 6) = 26.49dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	15.65	16.34	16.52	16.30	167.313	22.24	23.48	Pass
40	5200	15.76	16.43	16.73	16.43	172.676	22.37	23.48	Pass
48	5240	15.87	16.45	16.51	16.42	171.418	22.34	23.48	Pass

Note: Directional gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.52 - 6) = 23.48dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	12.62	13.21	13.64	13.28	83.624	19.22	23.48	Pass
46	5230	15.79	16.28	16.54	16.50	170.143	22.31	23.48	Pass

Note: Directional gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.52 - 6) = 23.48dBm.

802.11ax (HE80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	13.43	15.12	13.65	13.31	99.141	19.96	23.48	Pass

Note: Directional gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the power limit shall be reduced to 30 - (12.52 - 6) = 23.48dBm.

802.11ax (HE80+80)

Chan.	Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42+58 (L)	5210	14.14	14.82	-	-	56.281	17.50	26.49	Pass

Note: Directional gain = 6.5 dBi + 10log(2) = 9.51 dBi > 6dBi, so the power limit shall be reduced to 30 - (9.51 - 6) = 26.49dBm.

Indoor/Outdoor (For 5250-5320MHz, 5500-5720MHz, 5745-5825MHz)

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				
52	5260	9.57	9.94	10.03	9.93	38.830	15.89	23.41	Pass
60	5300	9.34	10.03	9.89	9.84	38.048	15.80	23.38	Pass
64	5320	9.25	9.96	9.75	10.07	37.925	15.79	23.39	Pass
100	5500	9.56	10.63	9.92	10.18	40.838	16.11	23.38	Pass
116	5580	9.54	10.57	9.89	9.94	40.010	16.02	23.40	Pass
140	5700	9.69	10.41	9.61	9.70	38.775	15.89	23.37	Pass
144	5720 For U-NII-2C	8.49	9.49	8.55	8.44	31.973	15.05	22.19	Pass
144	5720 For U-NII-3	3.07	3.14	2.27	2.39	7.976	9.02	29.50	Pass
149	5745	22.13	23.10	22.05	22.06	688.498	28.38	29.50	Pass
157	5785	22.11	23.00	22.05	22.18	687.602	28.37	29.50	Pass
165	5825	22.15	22.94	22.03	22.04	680.391	28.33	29.50	Pass

For U-NII-2A, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

For U-NII-2C, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

For U-NII-3, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.5-6) = 29.50 dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit				
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)	
52	5260	19.55	23.91	< 24
60	5300	19.43	23.88	< 24
64	5320	19.46	23.89	< 24
100	5500	19.41	23.88	< 24
116	5580	19.54	23.90	< 24
140	5700	19.39	23.87	< 24
144 (U-NII-2C)	5720	14.77	22.69	< 24

802.11n (HT20)

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				
52	5260	9.73	10.43	10.49	10.50	42.853	16.32	23.50	Pass
60	5300	9.67	10.63	10.43	10.30	42.585	16.29	23.50	Pass
64	5320	9.62	10.40	10.36	10.43	42.032	16.24	23.50	Pass
100	5500	9.58	10.41	9.84	10.07	39.869	16.01	23.50	Pass
116	5580	9.90	10.83	9.90	10.43	42.692	16.30	23.50	Pass
140	5700	9.67	10.35	9.43	9.63	38.061	15.80	23.50	Pass
144	5720 For U-NII-2C	9.70	10.48	9.48	9.69	40.389	16.06	22.43	Pass
144	5720 For U-NII-3	3.30	4.95	4.14	4.06	10.864	10.36	29.50	Pass
149	5745	22.14	22.81	21.89	22.03	668.78	28.25	29.50	Pass
157	5785	22.12	22.83	21.89	21.81	661.027	28.20	29.50	Pass
165	5825	22.12	22.84	21.94	21.98	669.315	28.26	29.50	Pass

For U-NII-2A, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

For U-NII-2C, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

For U-NII-3, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.5-6) = 29.50 dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	21.07	24.23	>	24
60	5300	21.14	24.25	>	24
64	5320	21.38	24.30	>	24
100	5500	21.16	24.25	>	24
116	5580	21.34	24.29	>	24
140	5700	21.35	24.29	>	24
144 (U-NII-2C)	5720	15.60	22.93	<	24

802.11n (HT40)

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				
54	5270	12.49	13.24	13.21	13.09	80.140	19.04	23.50	Pass
62	5310	12.61	13.26	13.12	13.01	79.933	19.03	23.50	Pass
102	5510	12.52	13.56	12.83	13.45	81.881	19.13	23.50	Pass
110	5550	13.11	13.94	13.15	13.67	89.173	19.50	23.50	Pass
134	5670	12.57	13.42	12.70	12.91	78.215	18.93	23.50	Pass
142	5710 For U-NII-2C	13.14	13.61	13.01	13.17	89.029	19.50	23.50	Pass
142	5710 For U-NII-3	3.01	3.62	2.60	2.58	8.376	9.23	29.50	Pass
151	5755	22.25	23.26	21.63	22.18	690.459	28.39	29.50	Pass
159	5795	22.24	23.19	21.54	22.03	678.092	28.31	29.50	Pass

For U-NII-2A, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

For U-NII-2C, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

For U-NII-3, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.5-6) = 29.50 dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
54	5270	42.15	27.24	>	24
62	5310	41.74	27.20	>	24
102	5510	42.11	27.24	>	24
110	5550	42.22	27.25	>	24
134	5670	41.92	27.22	>	24
142 (U-NII-2C)	5710	35.79	26.53	>	24

802.11ac (VHT20)

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				
52	5260	9.79	10.48	10.52	10.53	43.267	16.36	23.50	Pass
60	5300	9.74	10.67	10.47	10.34	43.044	16.34	23.50	Pass
64	5320	9.68	10.45	10.43	10.48	42.591	16.29	23.50	Pass
100	5500	9.63	10.48	9.89	10.12	40.382	16.06	23.50	Pass
116	5580	9.94	10.89	9.94	10.48	43.169	16.35	23.50	Pass
140	5700	9.70	10.40	9.47	9.67	38.417	15.85	23.50	Pass
144	5720 For U-NII-2C	9.73	10.52	9.52	9.73	40.740	16.10	22.43	Pass
144	5720 For U-NII-3	3.32	5.01	4.18	4.11	10.975	10.40	29.50	Pass
149	5745	22.21	22.88	22.00	22.12	681.849	28.34	29.50	Pass
157	5785	22.20	22.91	21.95	21.89	672.593	28.28	29.50	Pass
165	5825	22.21	22.92	22.01	22.04	681.036	28.33	29.50	Pass

For U-NII-2A, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

For U-NII-2C, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

For U-NII-3, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.5-6) = 29.50 dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	21.07	24.23	>	24
60	5300	21.14	24.25	>	24
64	5320	21.38	24.30	>	24
100	5500	21.16	24.25	>	24
116	5580	21.34	24.29	>	24
140	5700	21.35	24.29	>	24
144 (U-NII-2C)	5720	15.60	22.93	<	24

802.11ac (VHT40)

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				
54	5270	12.53	13.28	13.23	13.12	80.737	19.07	23.50	Pass
62	5310	12.65	13.31	13.17	13.09	80.956	19.08	23.50	Pass
102	5510	12.56	13.61	12.89	13.51	82.884	19.18	23.50	Pass
110	5550	13.18	14.02	13.21	13.71	90.469	19.56	23.50	Pass
134	5670	12.62	13.46	12.73	12.95	78.937	18.97	23.50	Pass
142	5710 For U-NII-2C	13.20	13.70	13.05	13.21	90.238	19.55	23.50	Pass
142	5710 For U-NII-3	3.05	3.67	2.65	2.63	8.468	9.28	29.50	Pass
151	5755	22.31	23.30	21.68	22.24	698.738	28.44	29.50	Pass
159	5795	22.26	23.28	21.56	22.08	685.736	28.36	29.50	Pass

For U-NII-2A, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

For U-NII-2C, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

For U-NII-3, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.5-6) = 29.50 dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
54	5270	42.15	27.24	>	24
62	5310	41.74	27.20	>	24
102	5510	42.11	27.24	>	24
110	5550	42.22	27.25	>	24
134	5670	41.92	27.22	>	24
142 (U-NII-2C)	5710	35.79	26.53	>	24

802.11ac (VHT80)

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				
58	5290	13.76	14.61	14.60	14.43	109.249	20.38	23.50	Pass
106	5530	15.63	16.21	15.50	15.96	153.27	21.85	23.50	Pass
122	5610	15.39	16.32	15.51	15.80	151.031	21.79	23.50	Pass
138	5690 For U-NII-2C	15.67	16.65	15.56	15.83	166.744	22.22	23.50	Pass
138	5690 For U-NII-3	0.61	1.76	1.09	0.81	5.446	7.36	29.50	Pass
155	5775	19.41	20.40	18.74	19.40	358.858	25.55	29.50	Pass

For U-NII-2A, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

For U-NII-2C, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

For U-NII-3, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.5-6) = 29.50 dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
58	5290	82.70	30.17	>	24
106	5530	82.54	30.16	>	24
122	5610	82.89	30.18	>	24
138 (U-NII-2C)	5690	76.46	29.83	>	24

802.11ac (VHT80+80)

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+58 (H)	5290	-	-	14.02	14.57	53.877	17.31	23.50	Pass
106+122 (L)	5530	16.31	16.75	-	-	177.066	22.48	23.50	Pass
106+122 (H)	5610	-	-	16.18	16.58				

For U-NII-2A, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

For U-NII-2C, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
42+58(H)	5290	82.89	30.18	>	24
106+122(L)	5530	83.10	30.19	>	24
106+122(H)	5610	83.64	30.22	>	24

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				
52	5260	9.82	10.52	10.56	10.57	43.645	16.40	23.50	Pass
60	5300	9.80	10.72	10.51	10.48	43.768	16.41	23.50	Pass
64	5320	9.79	10.54	10.49	10.52	43.318	16.37	23.50	Pass
100	5500	9.67	10.53	9.93	10.18	40.83	16.11	23.50	Pass
116	5580	10.01	10.94	10.00	10.53	43.738	16.41	23.50	Pass
140	5700	9.75	10.45	9.55	9.72	38.924	15.90	23.50	Pass
144	5720 For U-NII-2C	9.74	10.59	9.57	9.77	41.153	16.14	22.43	Pass
144	5720 For U-NII-3	3.40	5.05	4.21	4.15	11.091	10.45	29.50	Pass
149	5745	22.29	22.93	22.04	22.18	690.922	28.39	29.50	Pass
157	5785	22.30	23.02	22.05	22.01	689.451	28.39	29.50	Pass
165	5825	22.26	22.98	22.06	22.12	690.501	28.39	29.50	Pass

For U-NII-2A, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

For U-NII-2C, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

For U-NII-3, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.5-6) = 29.50 dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	21.07	24.23	>	24
60	5300	21.14	24.25	>	24
64	5320	21.38	24.30	>	24
100	5500	21.16	24.25	>	24
116	5580	21.34	24.29	>	24
140	5700	21.35	24.29	>	24
144 (U-NII-2C)	5720	15.60	22.93	<	24

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				
54	5270	12.58	13.31	13.30	13.18	81.719	19.12	23.50	Pass
62	5310	12.70	13.35	13.21	13.14	81.795	19.13	23.50	Pass
102	5510	12.62	13.65	12.92	13.54	83.638	19.22	23.50	Pass
110	5550	13.25	14.10	13.28	13.78	91.998	19.64	23.50	Pass
134	5670	12.67	13.51	12.79	13.01	79.941	19.03	23.50	Pass
142	5710 For U-NII-2C	13.25	13.77	13.11	13.24	91.345	19.61	23.50	Pass
142	5710 For U-NII-3	3.10	3.72	2.71	2.68	8.570	9.33	29.50	Pass
151	5755	22.38	23.35	21.73	22.29	707.623	28.50	29.50	Pass
159	5795	22.31	23.35	21.62	22.12	694.628	28.42	29.50	Pass

For U-NII-2A, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

For U-NII-2C, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

For U-NII-3, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.5-6) = 29.50 dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
54	5270	42.15	27.24	>	24
62	5310	41.74	27.20	>	24
102	5510	42.11	27.24	>	24
110	5550	42.22	27.25	>	24
134	5670	41.92	27.22	>	24
142 (U-NII-2C)	5710	35.79	26.53	>	24

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				
58	5290	13.78	14.67	14.65	14.48	110.416	20.43	23.50	Pass
106	5530	15.67	16.24	15.54	16.03	154.867	21.90	23.50	Pass
122	5610	15.45	16.37	15.56	15.84	152.772	21.84	23.50	Pass
138	5690 For U-NII-2C	15.73	16.75	15.70	15.92	170.526	22.32	23.50	Pass
138	5690 For U-NII-3	0.72	1.85	1.20	0.88	5.566	7.46	29.50	Pass
155	5775	19.45	20.43	18.79	19.43	361.896	25.59	29.50	Pass

For U-NII-2A, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

For U-NII-2C, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

For U-NII-3, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to 30-(6.5-6) = 29.50 dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
58	5290	82.70	30.17	>	24
106	5530	82.54	30.16	>	24
122	5610	82.89	30.18	>	24
138 (U-NII-2C)	5690	76.46	29.83	>	24

802.11ax (HE80+80)

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+58 (H)	5290	-	-	14.05	14.63	54.450	17.36	23.50	Pass
106+122 (L)	5530	16.40	16.81	-	-	179.328	22.54	23.50	Pass
106+122 (H)	5610	-	-	16.21	16.62				

For U-NII-2A, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

For U-NII-2C, the directional gain is 6.5 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(6.5-6)].

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
42+58(H)	5290	82.89	30.18	>	24
106+122(L)	5530	83.10	30.19	>	24
106+122(H)	5610	83.64	30.22	>	24

Beamforming Mode

802.11ac (VHT20)

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				
52	5260	9.72	10.45	10.51	10.52	42.985	16.33	17.48	Pass
60	5300	9.80	10.68	10.48	10.40	43.378	16.37	17.48	Pass
64	5320	9.67	10.42	10.45	10.50	42.596	16.29	17.48	Pass
100	5500	9.62	10.48	9.89	10.12	40.361	16.06	17.48	Pass
116	5580	9.90	10.86	9.82	10.41	42.546	16.29	17.48	Pass
140	5700	8.67	9.30	8.42	8.60	30.068	14.78	17.48	Pass
144	5720 For U-NII-2C	9.54	10.38	9.30	9.50	38.979	15.91	16.41	Pass
144	5720 For U-NII-3	3.32	5.01	4.18	4.11	10.975	10.40	23.48	Pass
149	5745	15.85	16.82	15.78	15.60	160.695	22.06	23.48	Pass
157	5785	15.74	16.70	15.66	15.43	155.998	21.93	23.48	Pass
165	5825	16.51	17.30	16.34	16.31	184.283	22.65	23.48	Pass

*For U-NII-2A: Directional Gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the limit shall be reduced to 24-(12.52-6) = 17.48dBm.

For U-NII-2C: Directional Gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the limit shall be reduced to 24-(12.52-6) = 17.48dBm.

Ch 144: The limit shall be reduced to 22.93-(12.52-6) = 16.41dBm.

For U-NII-3: Directional gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the limit shall be reduced to 30-(12.52-6) = 23.48dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	21.07	24.23	>	24
60	5300	21.14	24.25	>	24
64	5320	21.38	24.30	>	24
100	5500	21.16	24.25	>	24
116	5580	21.34	24.29	>	24
140	5700	21.35	24.29	>	24
144 (U-NII-2C)	5720	15.60	22.93	<	24

802.11ac (VHT40)

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				
54	5270	9.71	10.34	10.54	10.48	42.661	16.30	17.48	Pass
62	5310	9.83	10.38	10.41	10.50	42.741	16.31	17.48	Pass
102	5510	9.93	10.73	9.89	10.40	42.385	16.27	17.48	Pass
110	5550	10.07	10.70	10.02	10.08	42.144	16.25	17.48	Pass
134	5670	10.02	10.56	10.01	10.28	42.111	16.24	17.48	Pass
142	5710 For U-NII-2C	10.15	10.62	10.05	10.15	44.721	16.51	17.48	Pass
142	5710 For U-NII-3	0.31	0.62	-0.48	-0.42	4.256	6.29	23.48	Pass
151	5755	15.70	16.63	15.60	15.48	154.805	21.90	23.48	Pass
159	5795	16.18	16.94	15.72	15.80	166.27	22.21	23.48	Pass

*For U-NII-2A: Directional Gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the limit shall be reduced to 24-(12.52-6) = 17.48dBm.

For U-NII-2C: Directional Gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the limit shall be reduced to 24-(12.52-6) = 17.48dBm.

For U-NII-3: Directional gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the limit shall be reduced to 30-(12.52-6) = 23.48dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
54	5270	42.15	27.24	>	24
62	5310	41.74	27.20	>	24
102	5510	42.11	27.24	>	24
110	5550	42.22	27.25	>	24
134	5670	41.92	27.22	>	24
142 (U-NII-2C)	5710	35.79	26.53	>	24

802.11ac (VHT80)

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				
58	5290	9.63	10.34	10.31	10.40	41.702	16.20	17.48	Pass
106	5530	10.40	10.95	10.51	10.40	45.621	16.59	17.48	Pass
122	5610	10.02	10.73	9.94	10.02	41.786	16.21	17.48	Pass
138	5690 For U-NII-2C	10.15	10.81	10.05	10.28	45.749	16.60	17.48	Pass
138	5690 For U-NII-3	-4.80	-4.02	-4.49	-4.60	1.5147	1.80	23.48	Pass
155	5775	16.20	17.35	15.93	15.85	173.645	22.40	23.48	Pass

*For U-NII-2A: Directional Gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the limit shall be reduced to 24-(12.52-6) = 17.48dBm.

For U-NII-2C: Directional Gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the limit shall be reduced to 24-(12.52-6) = 17.48dBm.

For U-NII-3: Directional gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the limit shall be reduced to 30-(12.52-6) = 23.48dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
58	5290	82.70	30.17	>	24
106	5530	82.54	30.16	>	24
122	5610	82.89	30.18	>	24
138 (U-NII-2C)	5690	76.46	29.83	>	24

802.11ac (VHT80+80)

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+58 (H)	5290	-	-	14.13	14.11	51.645	17.13	20.49	Pass
106+122 (L)	5530	11.10	11.71	-	-	53.711	17.30	17.48	Pass
106+122 (H)	5610	-	-	11.16	11.12				Pass

*For U-NII-2A: Directional Gain = 6.5 dBi + 10log(2) = 9.51 dBi > 6dBi, so the limit shall be reduced to 24-(9.51-6) = 20.49dBm.

For U-NII-2C: Directional Gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the limit shall be reduced to 24-(12.52-6) = 17.48dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit				
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)	
42+58(H)	5290	82.85	30.18	> 24
106+122(L)	5530	82.87	30.18	> 24
106+122(H)	5610	83.14	30.19	> 24

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				
52	5260	9.81	10.52	10.56	10.54	43.544	16.39	17.48	Pass
60	5300	9.85	10.76	10.56	10.45	44.041	16.44	17.48	Pass
64	5320	9.73	10.47	10.49	10.53	43.033	16.34	17.48	Pass
100	5500	9.67	10.53	9.94	10.18	40.852	16.11	17.48	Pass
116	5580	9.95	10.91	9.89	10.46	43.084	16.34	17.48	Pass
140	5700	8.70	9.34	8.48	8.65	30.378	14.83	17.48	Pass
144	5720 For U-NII-2C	9.60	10.42	9.35	9.58	39.491	15.96	16.41	Pass
144	5720 For U-NII-3	3.40	5.05	4.21	4.15	11.091	10.45	23.48	Pass
149	5745	15.93	16.90	15.84	15.63	163.082	22.12	23.48	Pass
157	5785	15.83	16.73	15.71	15.48	157.938	21.98	23.48	Pass
165	5825	16.56	17.34	16.38	16.36	186.192	22.70	23.48	Pass

*For U-NII-2A: Directional Gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the limit shall be reduced to 24-(12.52-6) = 17.48dBm.

For U-NII-2C: Directional Gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the limit shall be reduced to 24-(12.52-6) = 17.48dBm.

Ch 144: The limit shall be reduced to 22.93-(12.52-6) = 16.41dBm.

For U-NII-3: Directional gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the limit shall be reduced to 30-(12.52-6) = 23.48dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	21.07	24.23	>	24
60	5300	21.14	24.25	>	24
64	5320	21.38	24.30	>	24
100	5500	21.16	24.25	>	24
116	5580	21.34	24.29	>	24
140	5700	21.35	24.29	>	24
144 (U-NII-2C)	5720	15.60	22.93	<	24

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				
54	5270	9.75	10.41	10.56	10.54	43.131	16.35	17.48	Pass
62	5310	9.86	10.41	10.45	10.53	43.063	16.34	17.48	Pass
102	5510	10.00	10.78	9.94	10.45	42.922	16.33	17.48	Pass
110	5550	10.12	10.75	10.09	10.12	42.655	16.30	17.48	Pass
134	5670	10.09	10.63	10.12	10.34	42.865	16.32	17.48	Pass
142	5710 For U-NII-2C	10.20	10.71	10.12	10.23	45.479	16.58	17.48	Pass
142	5710 For U-NII-3	0.38	0.67	-0.45	-0.38	4.3039	6.34	23.48	Pass
151	5755	15.75	16.67	15.64	15.54	156.489	21.94	23.48	Pass
159	5795	16.23	17.02	15.80	15.86	168.893	22.28	23.48	Pass

*For U-NII-2A: Directional Gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the limit shall be reduced to 24-(12.52-6) = 17.48dBm.

For U-NII-2C: Directional Gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the limit shall be reduced to 24-(12.52-6) = 17.48dBm.

For U-NII-3: Directional gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the limit shall be reduced to 30-(12.52-6) = 23.48dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
54	5270	42.15	27.24	>	24
62	5310	41.74	27.20	>	24
102	5510	42.11	27.24	>	24
110	5550	42.22	27.25	>	24
134	5670	41.92	27.22	>	24
142 (U-NII-2C)	5710	35.79	26.53	>	24

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				
58	5290	9.67	10.38	10.36	10.43	42.088	16.24	17.48	Pass
106	5530	10.45	11.04	10.56	10.45	46.266	16.65	17.48	Pass
122	5610	10.06	10.78	10.03	10.06	42.315	16.26	17.48	Pass
138	5690 For U-NII-2C	10.21	10.93	10.14	10.37	46.720	16.70	17.48	Pass
138	5690 For U-NII-3	-4.73	-3.85	-4.43	-4.55	1.547	1.89	23.48	Pass
155	5775	16.24	17.41	15.98	15.89	175.596	22.45	23.48	Pass

*For U-NII-2A: Directional Gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the limit shall be reduced to 24-(12.52-6) = 17.48dBm.

For U-NII-2C: Directional Gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the limit shall be reduced to 24-(12.52-6) = 17.48dBm.

For U-NII-3: Directional gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the limit shall be reduced to 30-(12.52-6) = 23.48dBm.

Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
58	5290	82.70	30.17	>	24
106	5530	82.54	30.16	>	24
122	5610	82.89	30.18	>	24
138 (U-NII-2C)	5690	76.46	29.83	>	24

802.11ax (HE80+80)

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+58 (H)	5290	-	-	14.18	14.16	52.243	17.18	20.49	Pass
106+122 (L)	5530	11.13	11.78	-	-	54.342	17.35	17.48	Pass
106+122 (H)	5610	-	-	11.20	11.18				Pass

*For U-NII-2A: Directional Gain = 6.5 dBi + 10log(2) = 9.51 dBi > 6dBi, so the limit shall be reduced to 24-(9.51-6) = 20.49dBm.

For U-NII-2C: Directional Gain = 6.5 dBi + 10log(4) = 12.52 dBi > 6dBi, so the limit shall be reduced to 24-(12.52-6) = 17.48dBm.

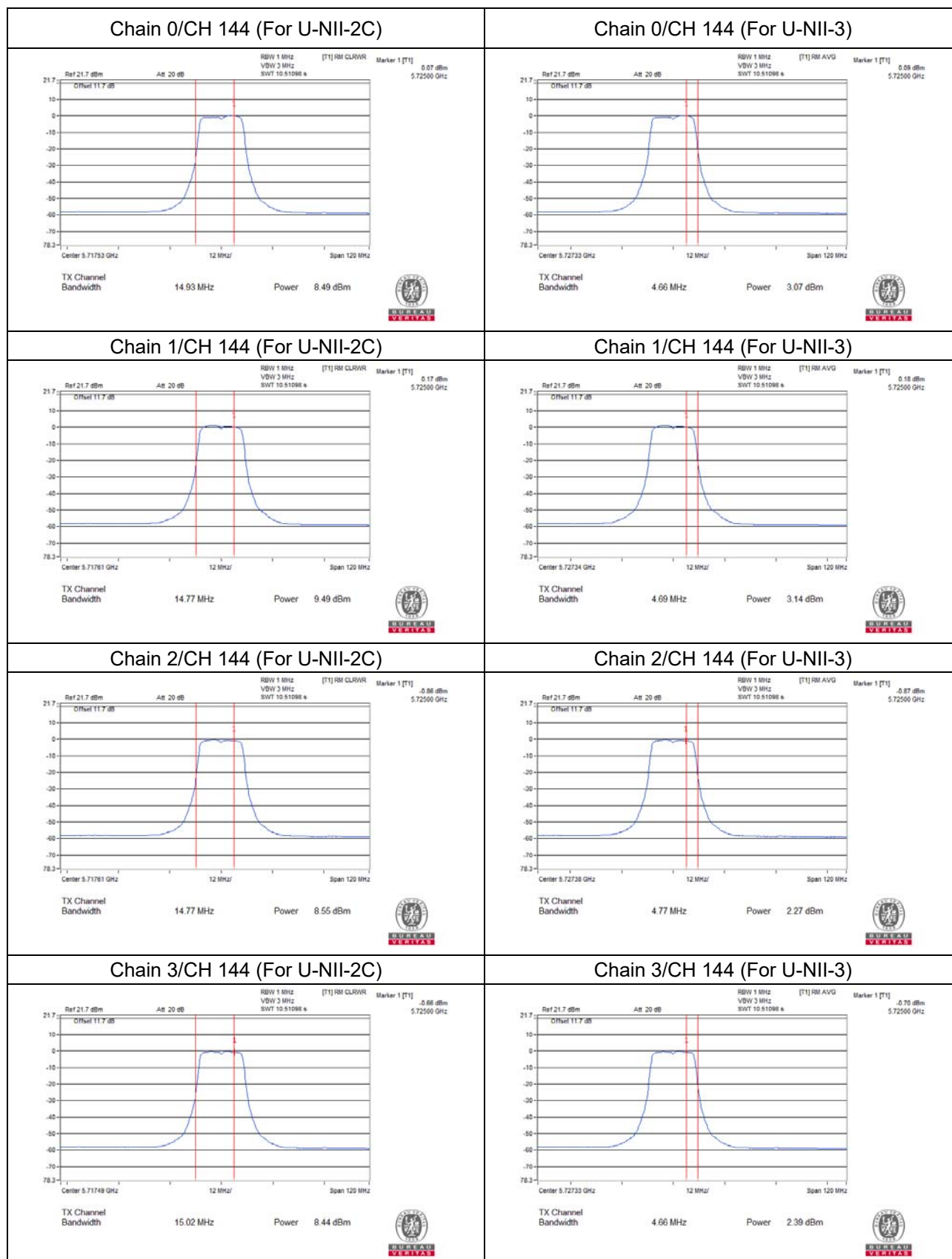
Note:

For U-NII-2A, U-NII-2C Band:

Determined Output Power Limit				
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)	
42+58(H)	5290	82.85	30.18	> 24
106+122(L)	5530	82.87	30.18	> 24
106+122(H)	5610	83.14	30.19	> 24

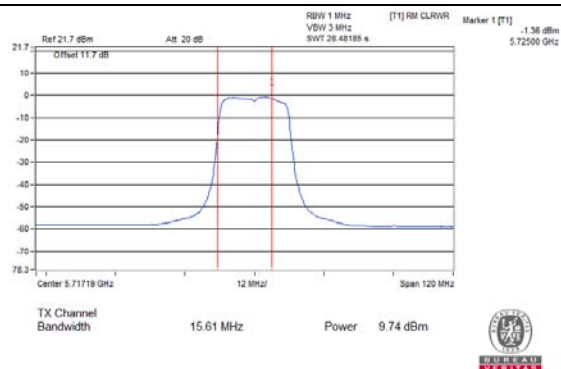
Straddle channel power plots:

802.11a

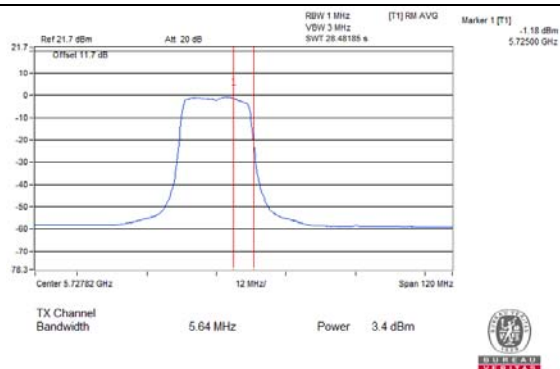


802.11ax (HE20)

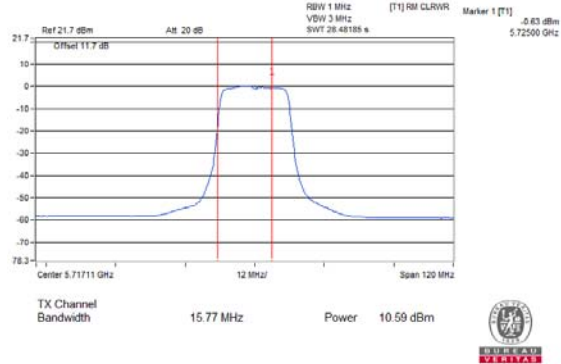
Chain 0/CH 144 (For U-NII-2C)



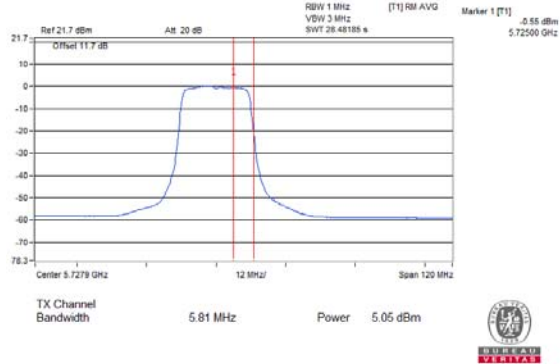
Chain 0/CH 144 (For U-NII-3)



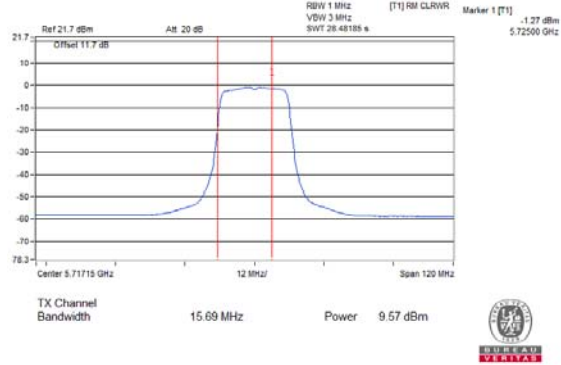
Chain 1/CH 144 (For U-NII-2C)



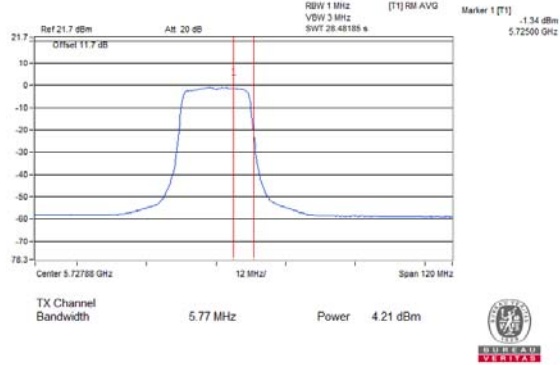
Chain 1/CH 144 (For U-NII-3)



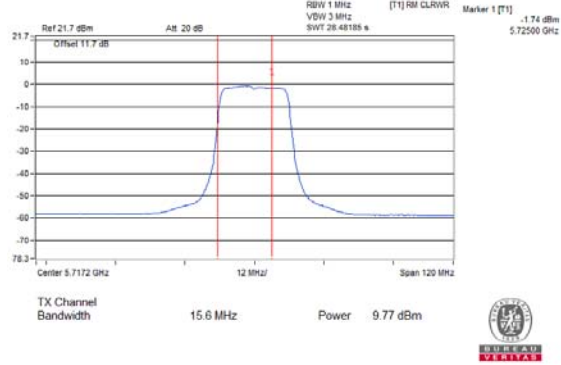
Chain 2/CH 144 (For U-NII-2C)



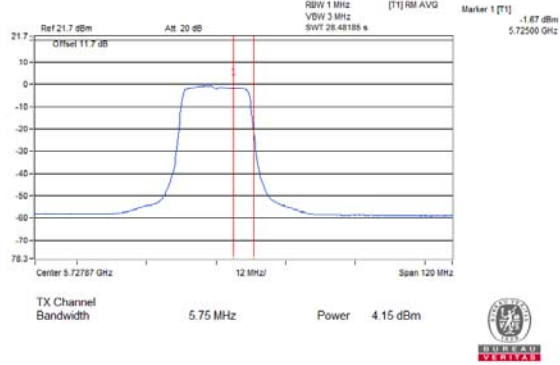
Chain 2/CH 144 (For U-NII-3)



Chain 3/CH 144 (For U-NII-2C)

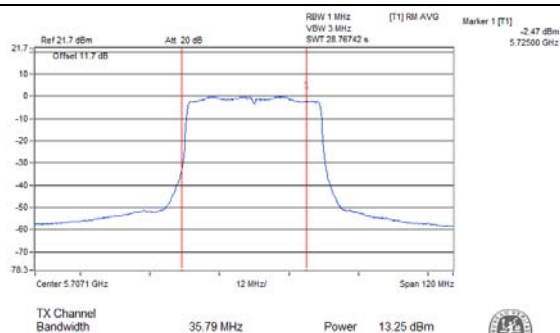


Chain 3/CH 144 (For U-NII-3)

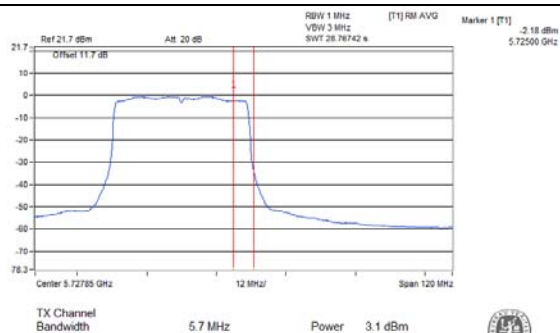


802.11ax (HE40)

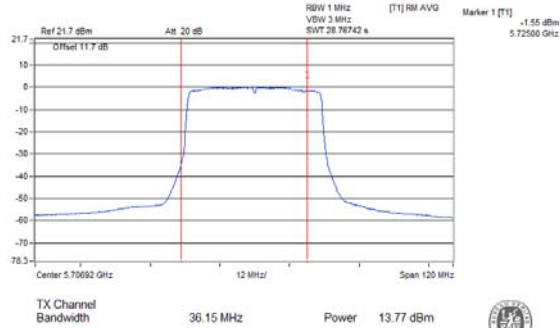
Chain 0/CH 142 (For U-NII-2C)



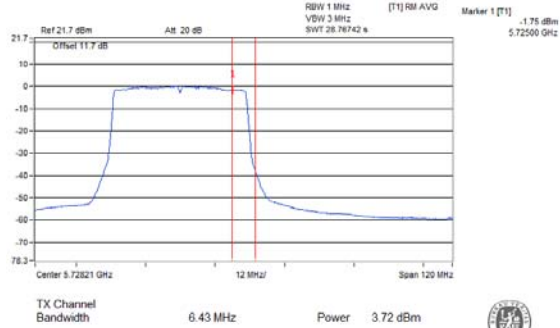
Chain 0/CH 142 (For U-NII-3)



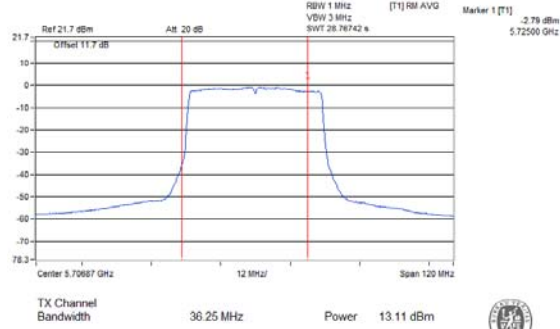
Chain 1/CH 142 (For U-NII-2C)



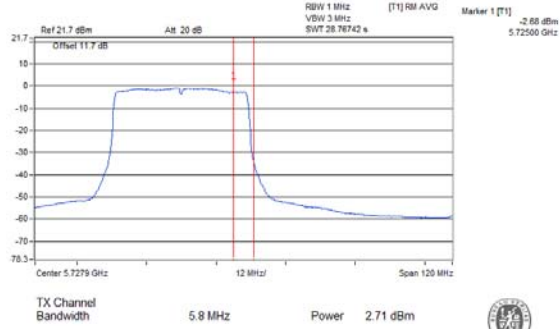
Chain 1/CH 142 (For U-NII-3)



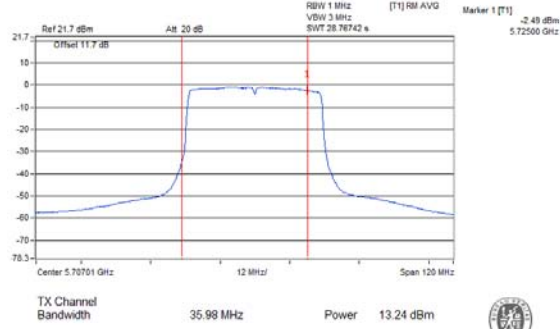
Chain 2/CH 142 (For U-NII-2C)



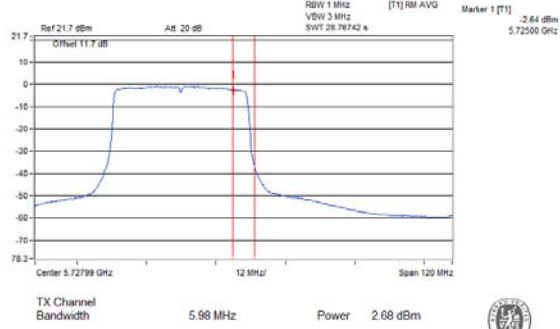
Chain 2/CH 142 (For U-NII-3)



Chain 3/CH 142 (For U-NII-2C)

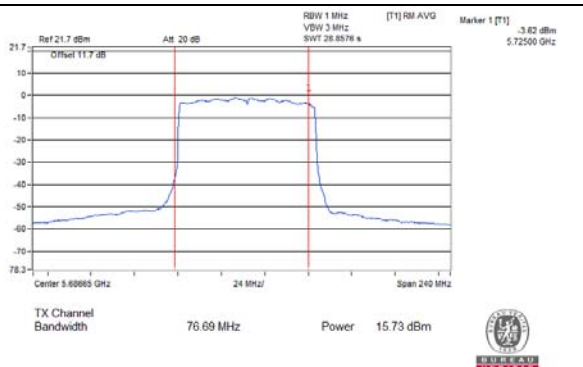


Chain 3/CH 142 (For U-NII-3)

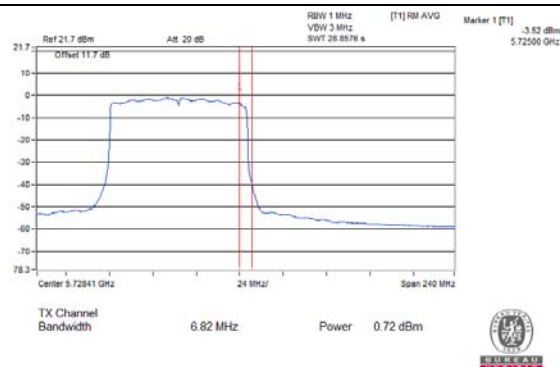


802.11ax (HE80)

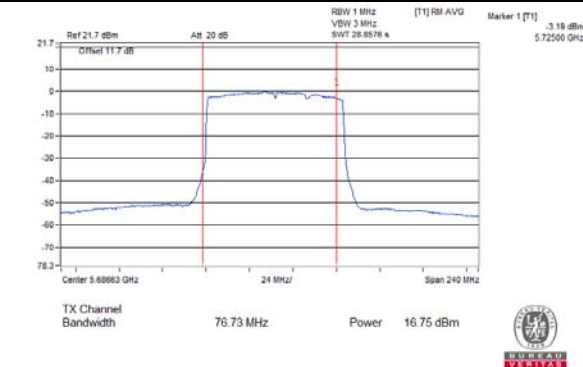
Chain 0/CH 138 (For U-NII-2C)



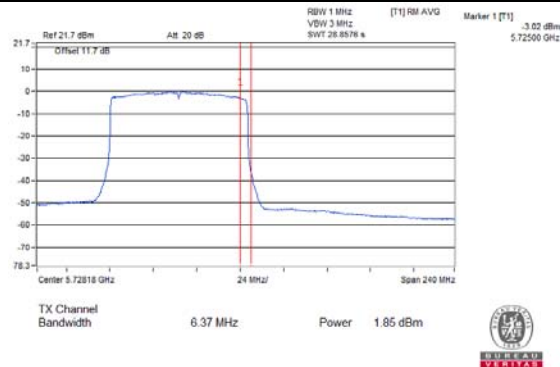
Chain 0/CH 138 (For U-NII-3)



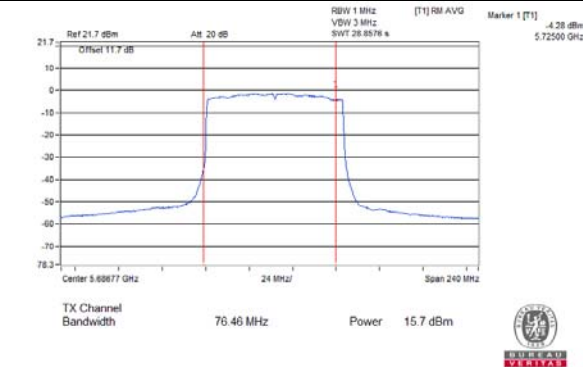
Chain 1/CH 138 (For U-NII-2C)



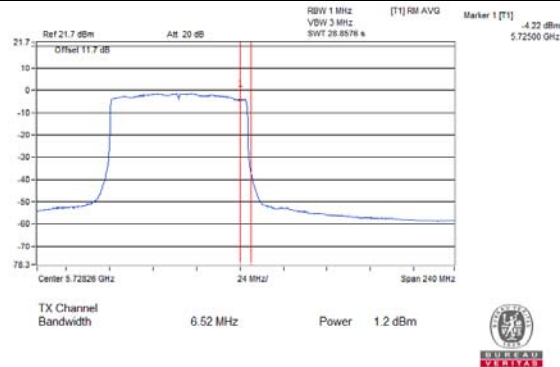
Chain 1/CH 138 (For U-NII-3)



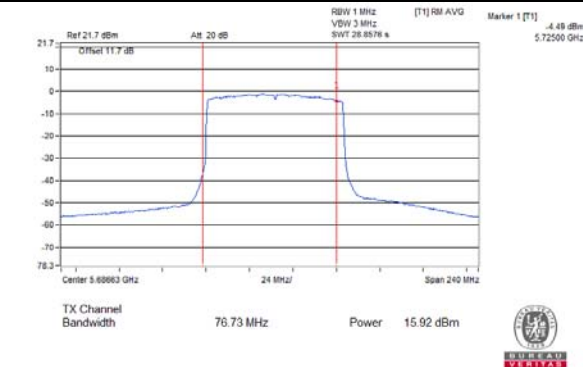
Chain 2/CH 138 (For U-NII-2C)



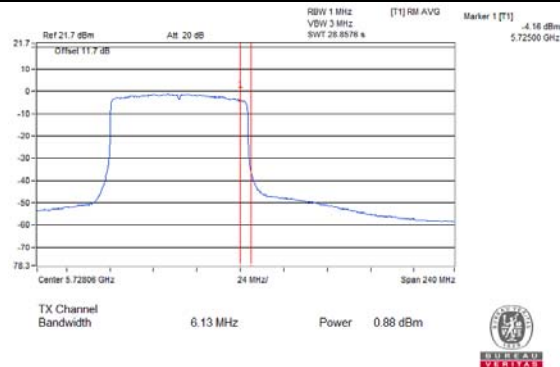
Chain 2/CH 138 (For U-NII-3)



Chain 3/CH 138 (For U-NII-2C)



Chain 3/CH 138 (For U-NII-3)



26dB Bandwidth:

802.11a

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
52	5260	19.66	19.58	19.55	19.69
60	5300	19.52	19.43	19.50	19.77
64	5320	19.75	19.48	19.46	19.88
100	5500	19.84	19.41	19.69	19.94
116	5580	19.54	19.55	19.79	19.66
140	5700	19.66	19.39	19.76	19.49
144	5720 (For U-NII-2C)	14.93	14.77	14.77	15.02

For CH144 (U-NII-2C Band): The 26dBc bandwidth below 5725MHz = 5725MHz - Marker 1

802.11ax (HE20)

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
52	5260	21.58	21.33	21.29	21.07
60	5300	21.24	21.55	21.40	21.14
64	5320	21.55	21.71	21.55	21.38
100	5500	21.20	21.16	21.77	21.49
116	5580	21.66	21.56	21.34	21.35
140	5700	21.66	21.48	21.66	21.35
144	5720 (For U-NII-2C)	15.61	15.77	15.69	15.60

For CH144 (U-NII-2C Band): The 26dBc bandwidth below 5725MHz = 5725MHz - Marker 1

802.11ax (HE40)

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
54	5270	42.18	42.49	42.25	42.15
62	5310	42.29	42.09	41.74	42.17
102	5510	42.21	42.11	42.34	42.19
110	5550	42.57	42.22	42.45	42.51
134	5670	41.92	42.19	42.04	42.19
142	5710 (For U-NII-2C)	35.79	36.15	36.25	35.98

For CH142 (U-NII-2C Band): The 26dBc bandwidth below 5725MHz = 5725MHz - Marker 1

802.11ax (HE80)

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
58	5290	83.01	83.02	83.16	82.70
106	5530	82.54	82.74	83.41	83.08
122	5610	83.54	83.35	83.37	82.89
138	5690 (For U-NII-2C)	76.69	76.73	76.46	76.73

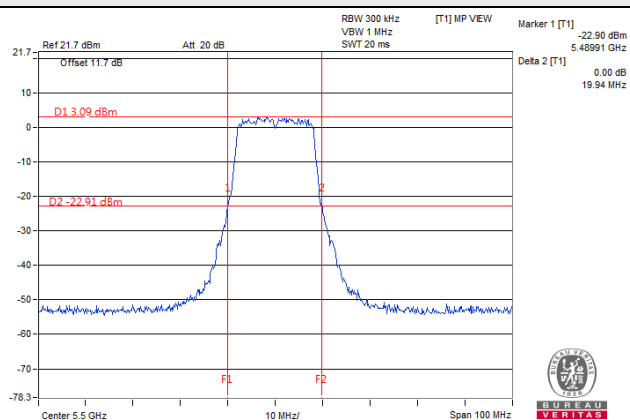
For CH138 (U-NII-2C Band): The 26dBc bandwidth below 5725MHz = 5725MHz - Marker 1

802.11ax (HE80+80)

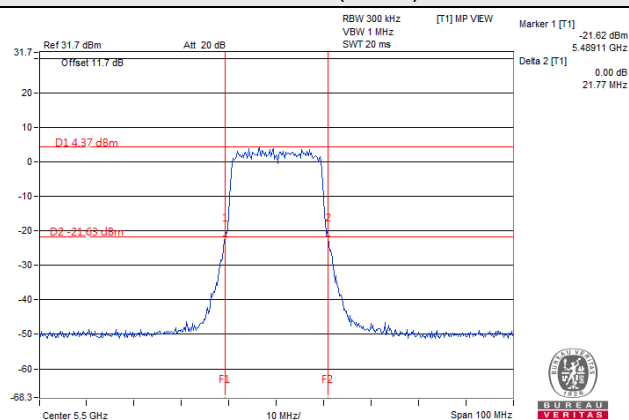
Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
42+58	5290	-	-	83.28	82.89
106+122(L)	5530	83.10	154.59	-	-
106+122(H)	5610	-	-	83.64	83.65

Spectrum Plot of Worst Value

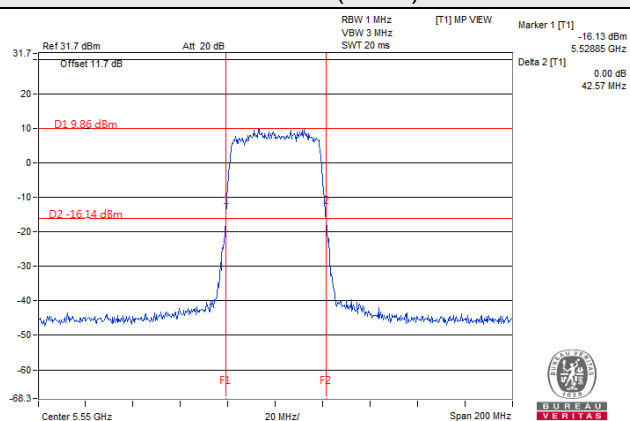
802.11a



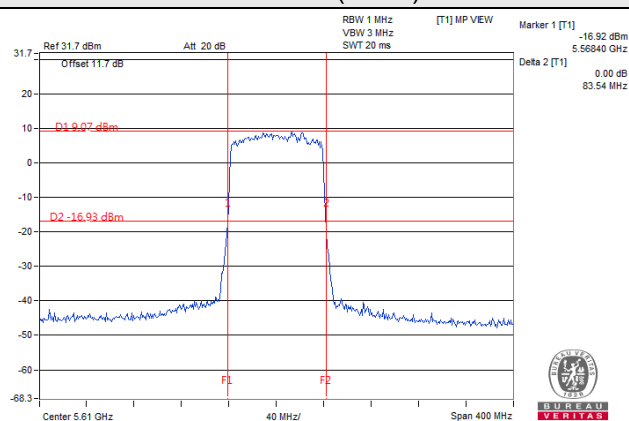
802.11ax (HE20)



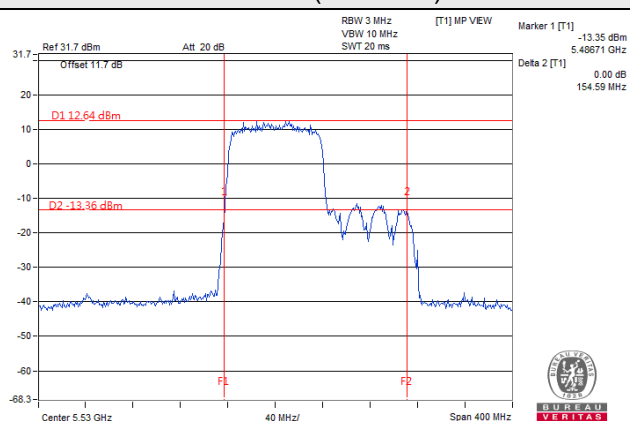
802.11ax (HE40)



802.11ax (HE80)



802.11ax (HE80+80)



EUT Average Power

CDD Mode

802.11a

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	38.830	15.89
5470~5725	40.838	16.11

802.11n (HT20)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	42.853	16.32
5470~5725	42.692	16.30

802.11n (HT40)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	80.140	19.04
5470~5725	89.173	19.50

802.11ac (VHT20)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	43.267	16.36
5470~5725	43.169	16.35

802.11ac (VHT40)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	80.956	19.08
5470~5725	90.469	19.56

802.11ac (VHT80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	109.249	20.38
5470~5725	166.744	22.22

802.11ac (VHT80+80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	53.877	17.31
5470~5725	177.066	22.48

802.11ax (HE20)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	43.768	16.41
5470~5725	43.738	16.41

802.11ax (HE40)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	81.795	19.13
5470~5725	91.998	19.64

802.11ax (HE80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	110.416	20.43
5470~5725	170.526	22.32

802.11ax (HE80+80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	54.450	17.36
5470~5725	179.328	22.54

Beamforming Mode

802.11ac (VHT20)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	43.378	16.37
5470~5725	42.546	16.29

802.11ac (VHT40)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	42.741	16.31
5470~5725	44.721	16.51

802.11ac (VHT80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	41.702	16.20
5470~5725	45.749	16.60

802.11ac (VHT80+80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	51.645	17.13
5470~5725	53.711	17.30

802.11ax (HE20)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	44.041	16.44
5470~5725	43.084	16.34

802.11ax (HE40)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	43.131	16.35
5470~5725	45.479	16.58

802.11ax (HE80)

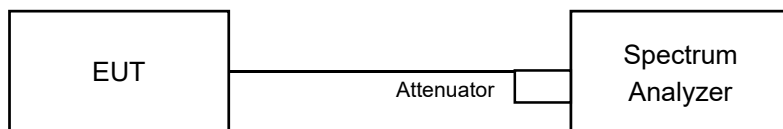
Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	42.088	16.24
5470~5725	46.720	16.70

802.11ax (HE80+80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	52.243	17.18
5470~5725	54.342	17.35

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

Mode A

802.11a

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
36	5180	16.44	16.44	16.44	16.44
40	5200	16.44	16.44	16.44	16.44
48	5240	16.44	16.44	16.44	16.44
52	5260	16.56	16.44	16.44	16.44
60	5300	16.44	16.44	16.44	16.44
64	5320	16.44	16.44	16.44	16.44
100	5500	16.44	16.56	16.44	16.44
116	5580	16.44	16.44	16.56	16.44
140	5700	16.56	16.44	16.44	16.44
144	5720 (For U-NII-2C)	13.28	13.27	13.28	13.28
144	5720 (For U-NII-3)	3.16	3.17	3.16	3.16
149	5745	16.54	16.54	16.54	16.54
157	5785	16.44	16.54	16.54	16.54
165	5825	16.54	16.45	16.44	16.54

For CH144 (U-NII-2C Band): The Occupied bandwidth below 5725MHz = 5725MHz - Marker 1

For CH144 (U-NII-3 Band): The Occupied bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ax (HE20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
36	5180	19.08	18.96	19.08	18.84
40	5200	19.08	19.08	19.08	19.08
48	5240	18.96	18.96	18.96	18.96
52	5260	18.96	18.84	19.08	19.08
60	5300	19.08	18.84	18.96	18.96
64	5320	18.96	18.96	19.08	18.96
100	5500	18.96	19.08	19.08	18.96
116	5580	18.96	18.84	19.08	19.08
140	5700	18.84	18.96	19.08	19.08
144	5720 (For U-NII-2C)	14.60	14.60	14.48	14.60
144	5720 (For U-NII-3)	4.48	4.36	4.48	4.48
149	5745	19.04	19.04	19.04	18.94
157	5785	18.85	19.04	18.95	19.04
165	5825	18.95	19.04	18.95	19.04

For CH144 (U-NII-2C Band): The Occupied bandwidth below 5725MHz = 5725MHz - Marker 1

For CH144 (U-NII-3 Band): The Occupied bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ax (HE40)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
38	5190	38.16	38.04	38.16	38.04
46	5230	38.16	38.16	38.16	37.92
54	5270	38.07	38.08	37.98	38.08
62	5310	37.98	38.07	38.07	38.08
102	5510	38.08	37.98	38.17	38.07
110	5550	38.08	37.89	38.08	37.89
134	5670	37.92	37.92	37.92	38.16
142	5710 (For U-NII-2C)	34.20	34.20	34.20	34.20
142	5710 (For U-NII-3)	3.96	3.96	3.96	3.72
151	5755	38.08	38.08	38.08	38.08
159	5795	38.07	38.07	37.98	38.17

For CH142 (U-NII-2C Band): The Occupied bandwidth below 5725MHz = 5725MHz - Marker 1

For CH142 (U-NII-3 Band): The Occupied bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ax (HE80)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
42	5210	77.28	77.76	77.28	77.28
58	5290	77.04	77.28	77.28	77.28
106	5530	76.54	77.70	77.31	77.31
122	5610	77.28	77.04	77.28	77.28
138	5690 (For U-NII-2C)	74.36	73.88	73.88	73.88
138	5690 (For U-NII-3)	2.92	3.40	3.40	3.40
155	5775	77.31	76.92	77.31	77.31

For CH138 (U-NII-2C Band): The Occupied bandwidth below 5725MHz = 5725MHz - Marker 1

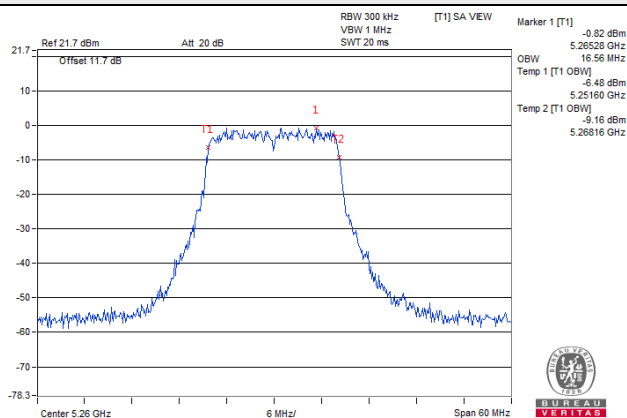
For CH138 (U-NII-3 Band): The Occupied bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ax (HE80+80)

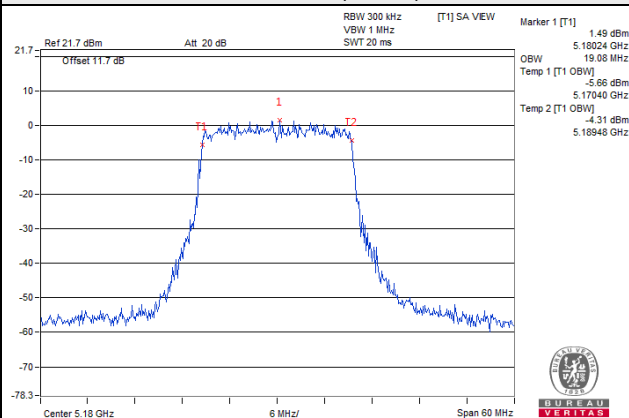
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
42+58(L)	5210	77.28	77.28	-	-
42+58(H)	5290	-	-	77.28	77.28
106+122(L)	5530	77.70	78.08	-	-
106+122(H)	5610	-	-	77.04	77.04

Spectrum Plot of Worst Value

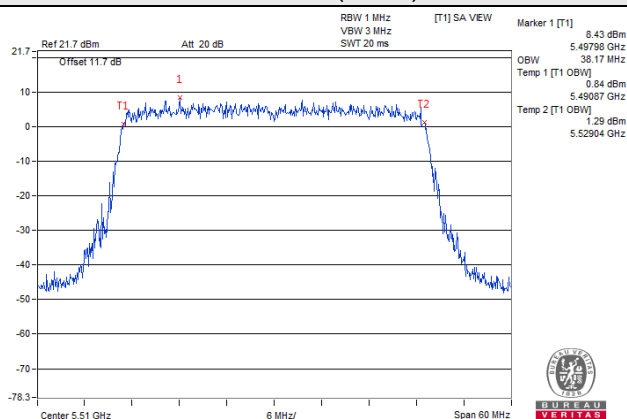
802.11a



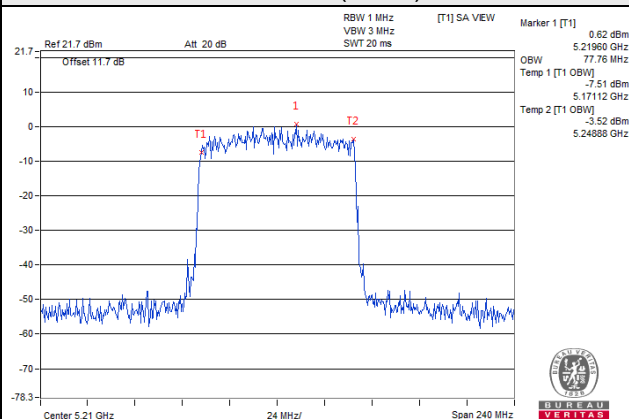
802.11ax (HE20)



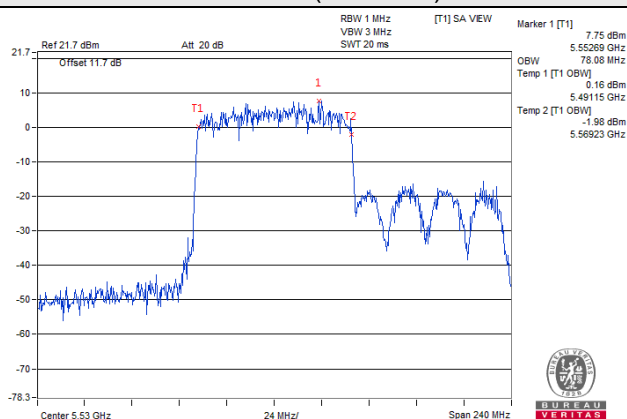
802.11ax (HE40)



802.11ax (HE80)

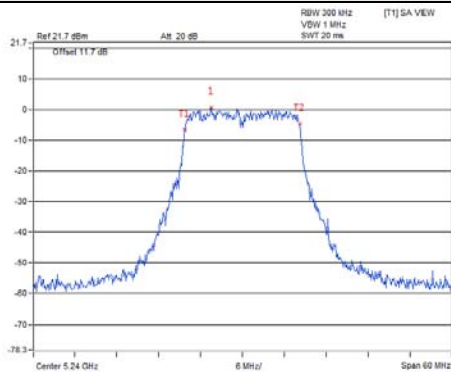


802.11ax (HE80+80)

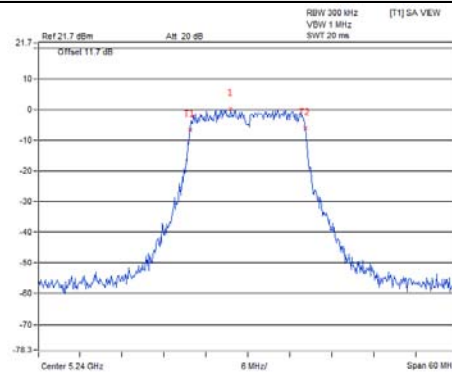


Spectrum Plot for near By DFS Band

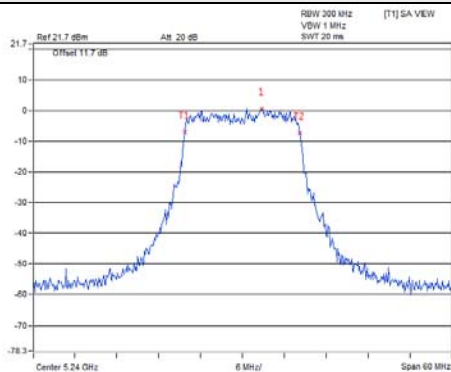
802.11a / Chain 0 / CH 48



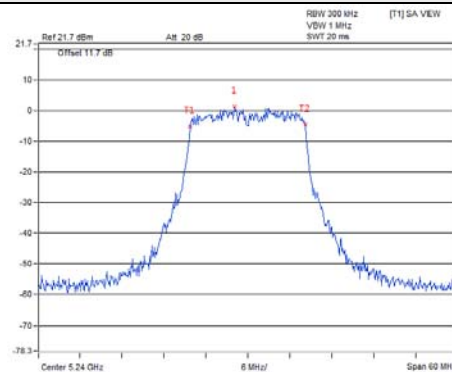
802.11a / Chain 1 / CH 48



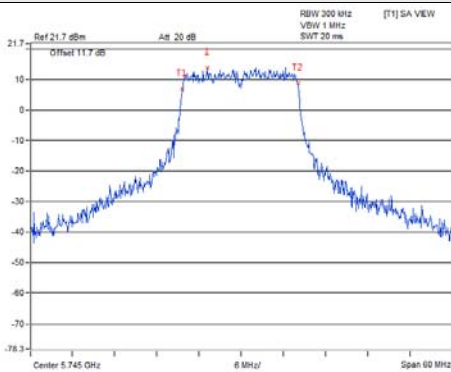
802.11a / Chain 2 / CH 48



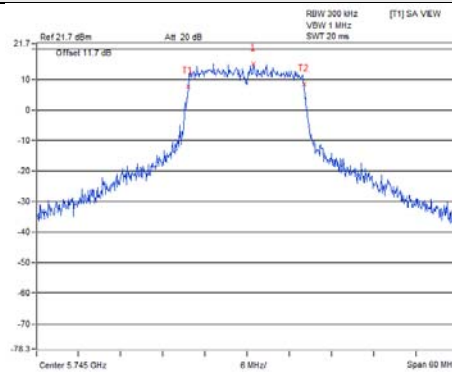
802.11a / Chain 3 / CH 48



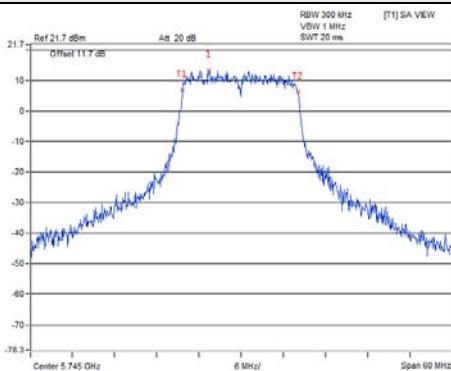
802.11a / Chain 0 / CH 149



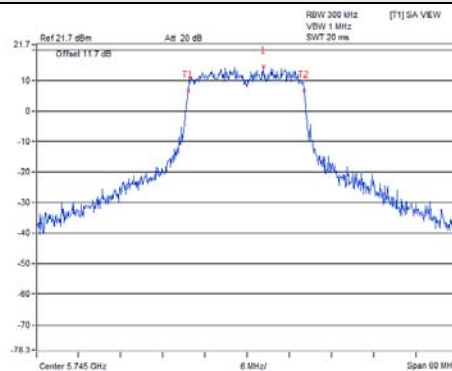
802.11a / Chain 1 / CH 149



802.11a / Chain 2 / CH 149

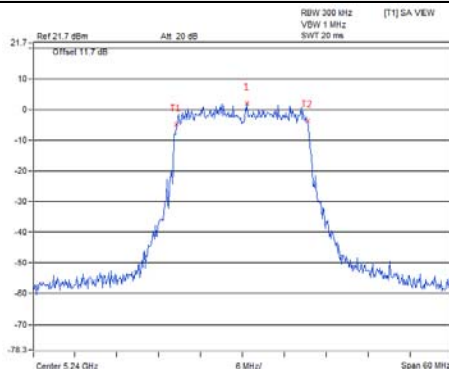


802.11a / Chain 3 / CH 149

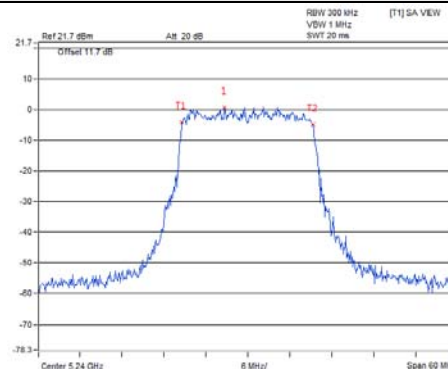


Spectrum Plot for near By DFS Band

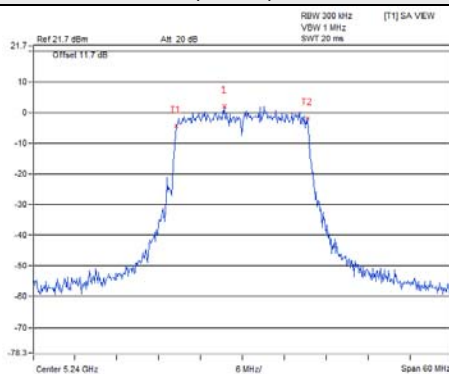
802.11ax (HE20) / Chain 0 / CH 48



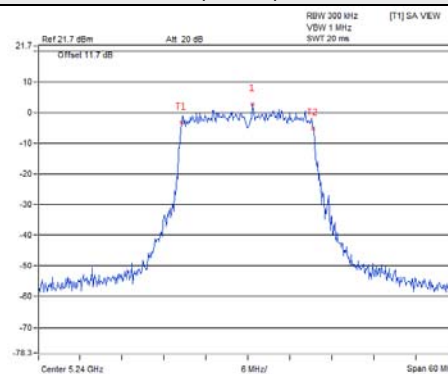
802.11ax (HE20) / Chain 1 / CH 48



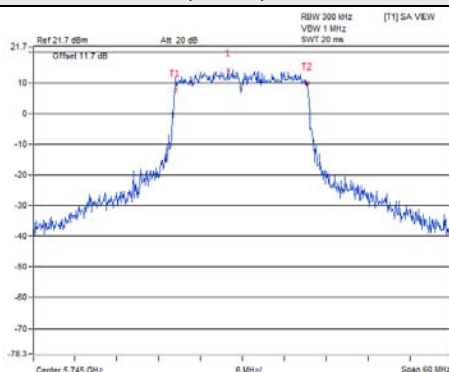
802.11ax (HE20) / Chain 2 / CH 48



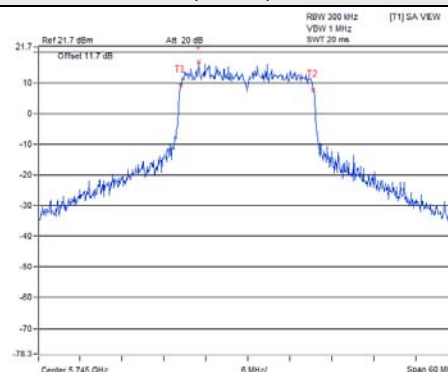
802.11ax (HE20) / Chain 3 / CH 48



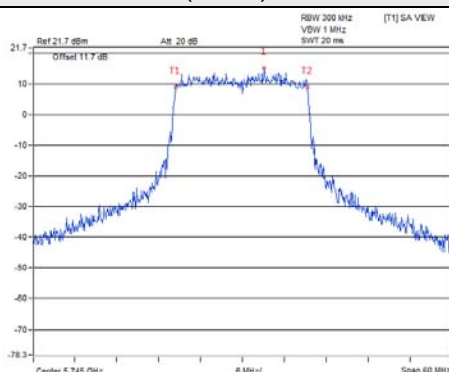
802.11ax (HE20) / Chain 0 / CH 149



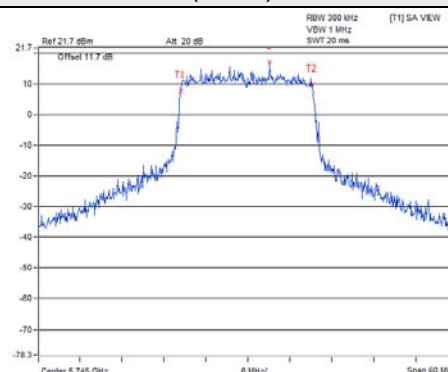
802.11ax (HE20) / Chain 1 / CH 149



802.11ax (HE20) / Chain 2 / CH 149

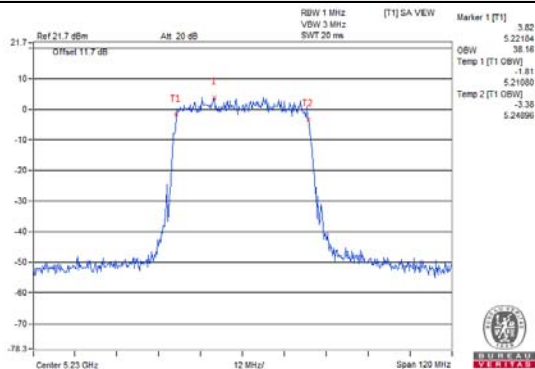


802.11ax (HE20) / Chain 3 / CH 149

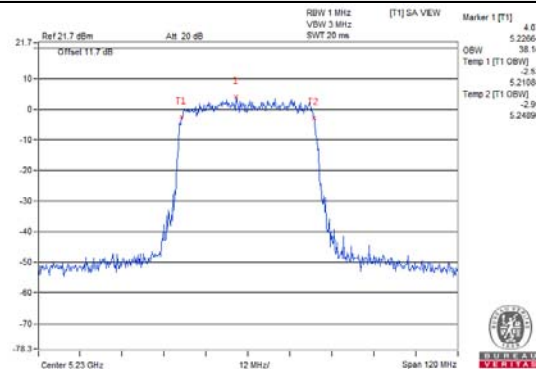


Spectrum Plot for near By DFS Band

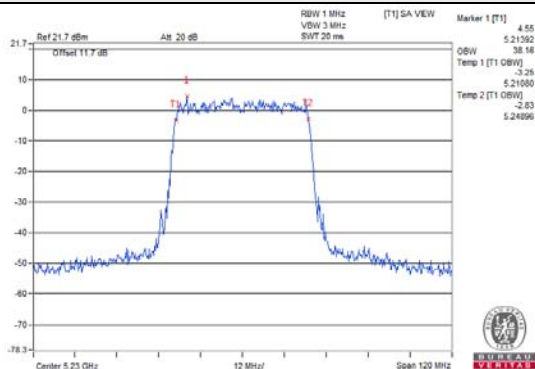
802.11ax (HE40) / Chain 0 / CH 46



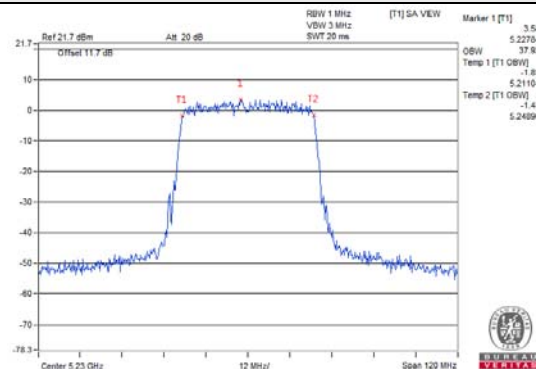
802.11ax (HE40) / Chain 1 / CH 46



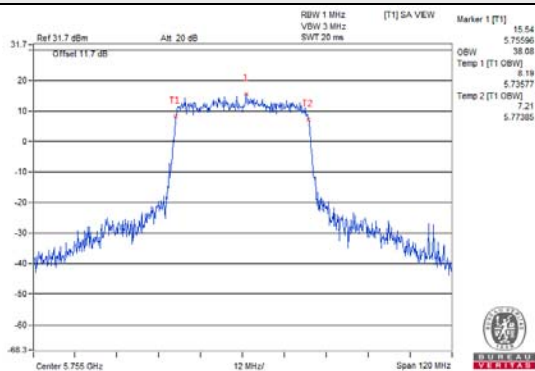
802.11ax (HE40) / Chain 2 / CH 46



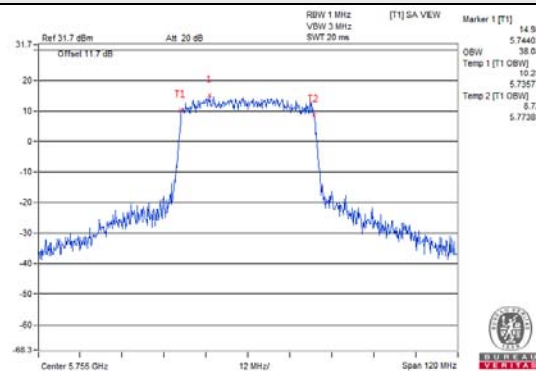
802.11ax (HE40) / Chain 3 / CH 46



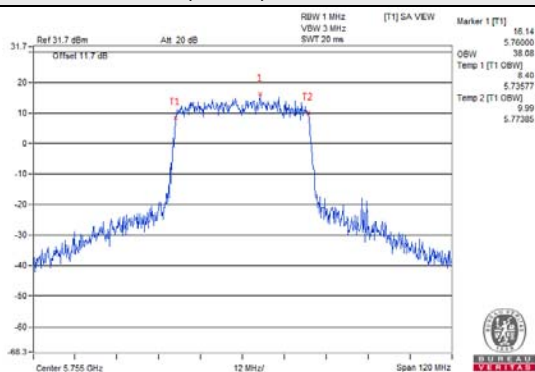
802.11ax (HE40) / Chain 0 / CH 151



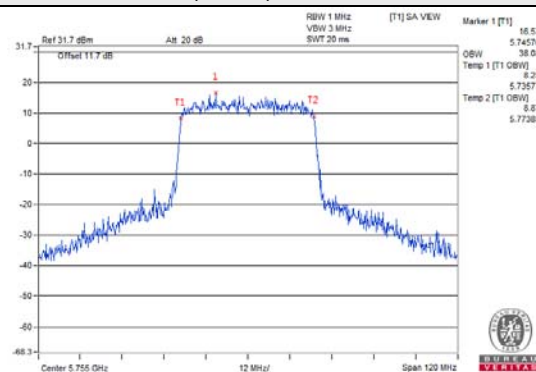
802.11ax (HE40) / Chain 1 / CH 151



802.11ax (HE40) / Chain 2 / CH 151

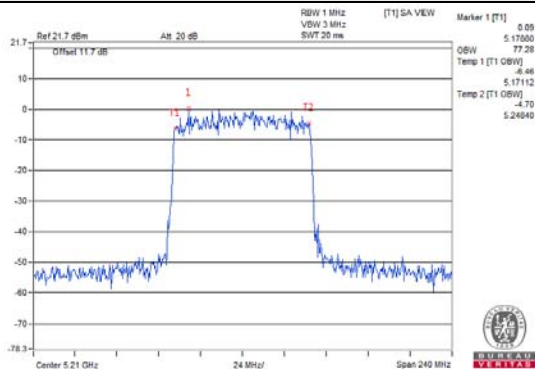


802.11ax (HE40) / Chain 3 / CH 151

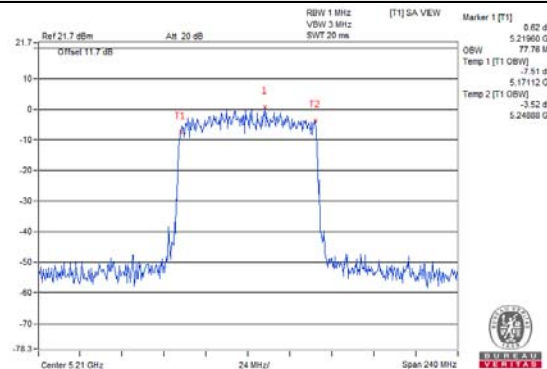


Spectrum Plot for near By DFS Band

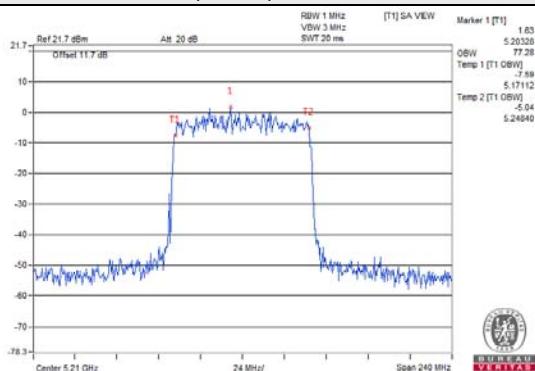
802.11ax (HE80) / Chain 0 / CH 42



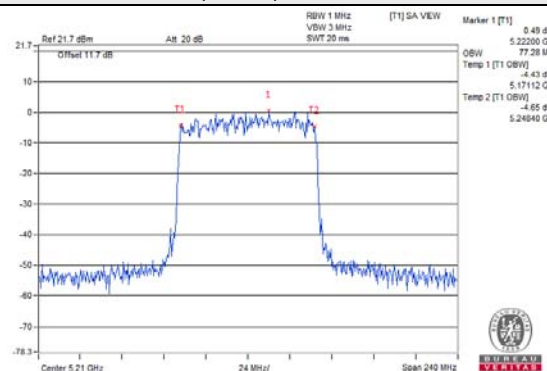
802.11ax (HE80) / Chain 1 / CH 42



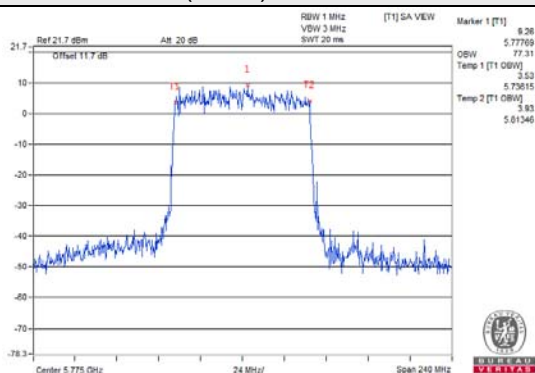
802.11ax (HE80) / Chain 2 / CH 42



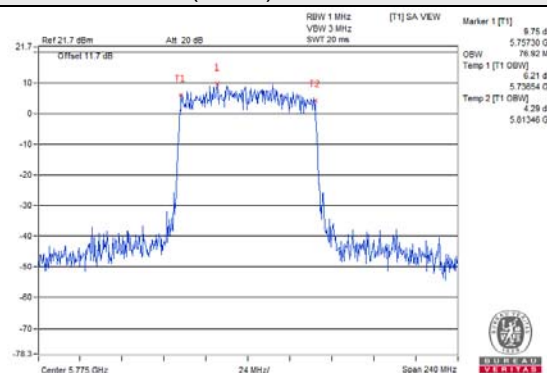
802.11ax (HE80) / Chain 3 / CH 42



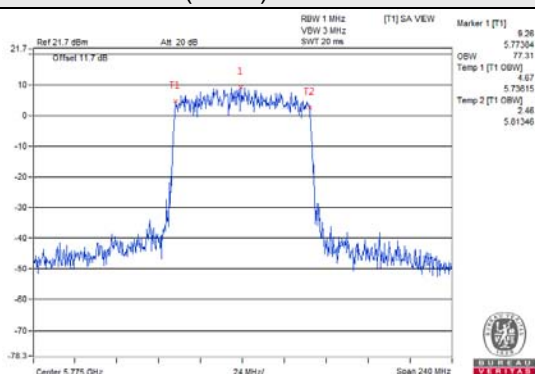
802.11ax (HE80) / Chain 0 / CH 155



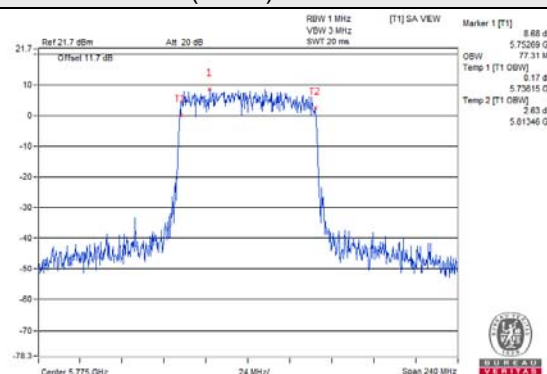
802.11ax (HE80) / Chain 1 / CH 155



802.11ax (HE80) / Chain 2 / CH 155



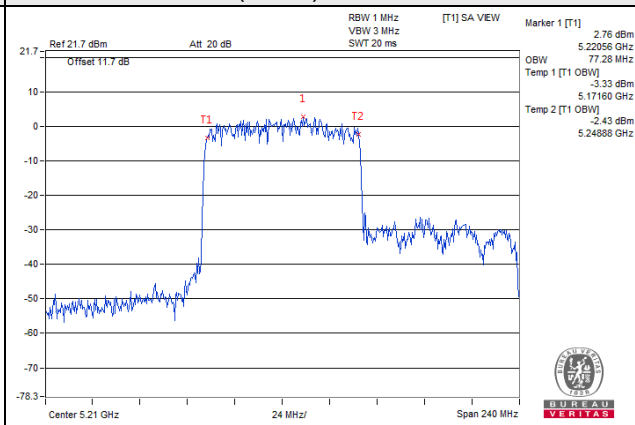
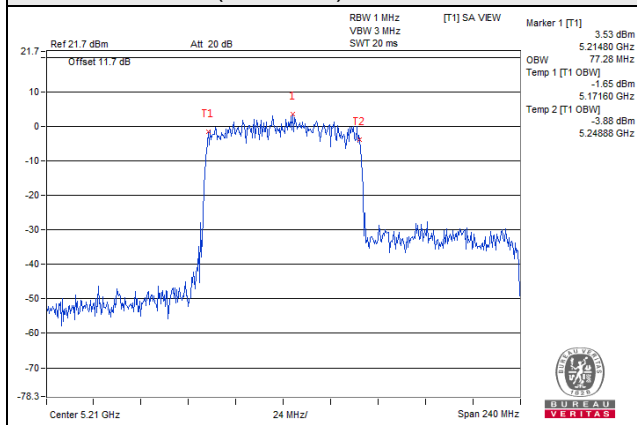
802.11ax (HE80) / Chain 3 / CH 155



Spectrum Plot for near By DFS Band

802.11ax (HE80+80) / Chain 0 / CH 42

802.11ax (HE80) / Chain 1 / CH 42



Mode B

802.11a

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
36	5180	16.54	16.54	16.44	16.54
40	5200	16.54	16.54	16.54	16.44
48	5240	16.54	16.54	16.44	16.54
52	5260	16.56	16.56	16.56	16.44
60	5300	16.54	16.54	16.54	16.54
64	5320	16.34	16.54	16.54	16.44
100	5500	16.44	16.44	16.54	16.44
116	5580	16.54	16.44	16.54	16.54
140	5700	16.44	16.54	16.54	16.54
144	5720 (For U-NII-2C)	13.28	13.28	13.28	13.28
144	5720 (For U-NII-3)	3.28	3.16	3.28	3.28
149	5745	16.44	16.54	16.54	16.54
157	5785	16.54	16.44	16.44	16.54
165	5825	16.54	16.44	16.44	16.44

For CH144 (U-NII-2C Band): The Occupied bandwidth below 5725MHz = 5725MHz - Marker 1

For CH144 (U-NII-3 Band): The Occupied bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ax (HE20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
36	5180	19.04	19.04	19.04	18.95
40	5200	19.04	18.94	19.04	18.95
48	5240	19.04	18.94	18.94	18.95
52	5260	18.96	18.96	18.96	19.04
60	5300	18.94	19.04	18.94	18.95
64	5320	18.94	19.04	19.04	19.04
100	5500	19.04	19.04	19.04	18.95
116	5580	18.94	18.94	19.04	19.04
140	5700	18.94	18.94	19.04	19.04
144	5720 (For U-NII-2C)	14.52	14.60	14.48	14.60
144	5720 (For U-NII-3)	4.42	4.48	4.36	4.36
149	5745	19.04	18.95	19.04	18.95
157	5785	18.95	18.95	18.95	18.95
165	5825	18.95	18.95	19.13	19.04

For CH144 (U-NII-2C Band): The Occupied bandwidth below 5725MHz = 5725MHz - Marker 1

For CH144 (U-NII-3 Band): The Occupied bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ax (HE40)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
38	5190	38.07	38.07	38.07	37.98
46	5230	38.08	38.08	38.08	38.08
54	5270	37.98	37.98	38.17	37.98
62	5310	37.88	38.07	37.89	38.07
102	5510	38.17	37.89	38.17	37.98
110	5550	38.08	38.27	38.08	37.89
134	5670	38.08	38.08	38.08	38.08
142	5710 (For U-NII-2C)	34.04	34.20	33.96	34.20
142	5710 (For U-NII-3)	3.85	3.96	3.96	3.72
151	5755	37.88	38.08	38.08	38.08
159	5795	38.08	38.07	38.17	37.98

For CH142 (U-NII-2C Band): The Occupied bandwidth below 5725MHz = 5725MHz - Marker 1

For CH142 (U-NII-3 Band): The Occupied bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ax (HE80)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
42	5210	77.31	77.70	76.92	77.69
58	5290	77.12	77.11	77.11	77.11
106	5530	77.70	77.31	77.31	77.31
122	5610	77.12	77.31	77.30	77.31
138	5690 (For U-NII-2C)	73.88	73.88	73.88	73.88
138	5690 (For U-NII-3)	3.40	3.40	3.40	3.40
155	5775	76.93	77.31	77.69	77.31

For CH138 (U-NII-2C Band): The Occupied bandwidth below 5725MHz = 5725MHz - Marker 1

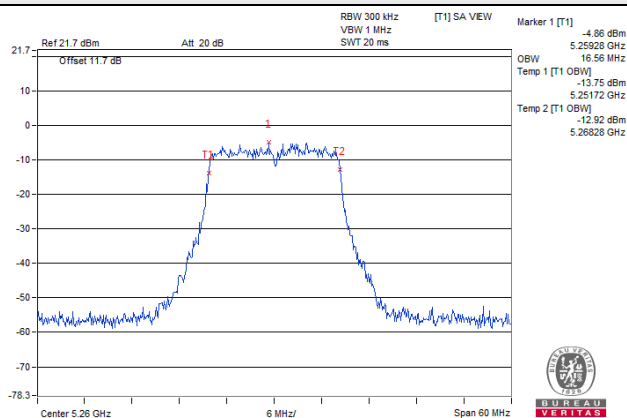
For CH138 (U-NII-3 Band): The Occupied bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ax (HE80+80)

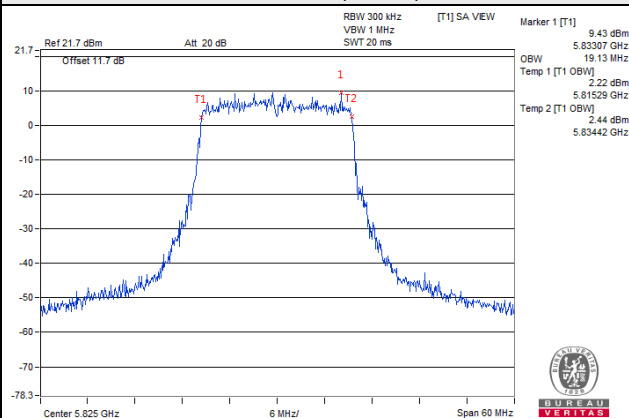
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
42+58(L)	5210	77.31	76.92	-	-
42+58(H)	5290	-	-	77.11	76.92
106+122(L)	5530	77.31	77.31	-	-
106+122(H)	5610	-	-	77.11	77.28

Spectrum Plot of Worst Value

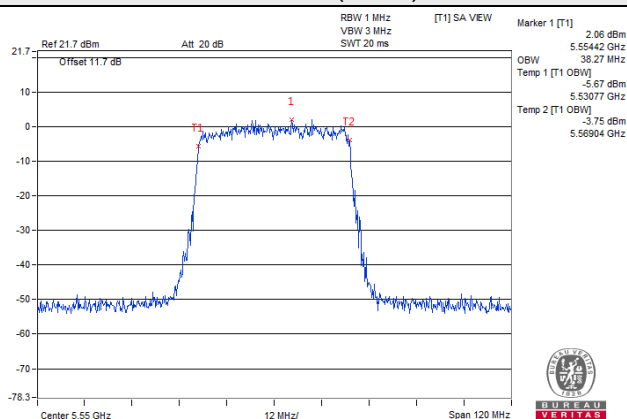
802.11a



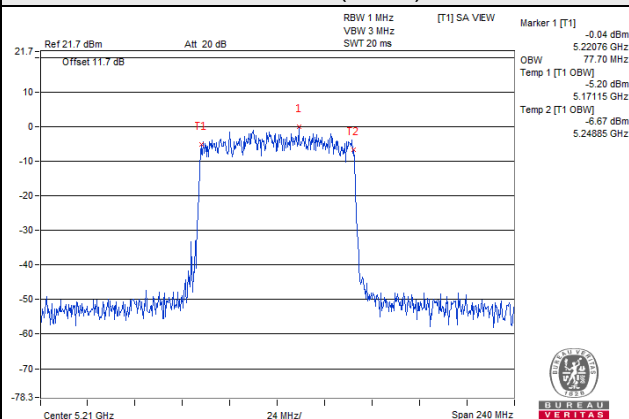
802.11ax (HE20)



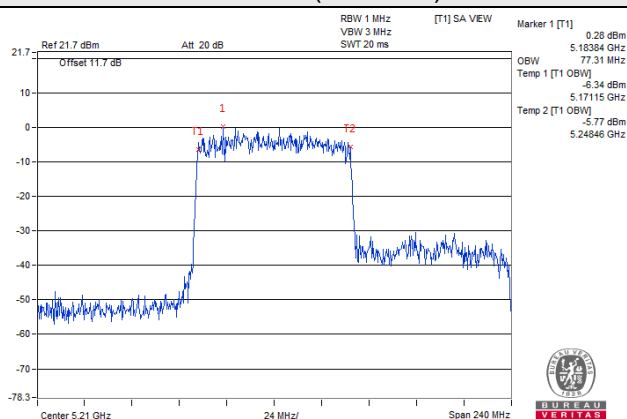
802.11ax (HE40)



802.11ax (HE80)

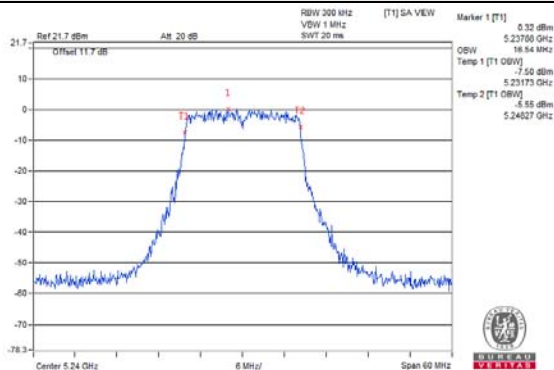


802.11ax (HE80+80)

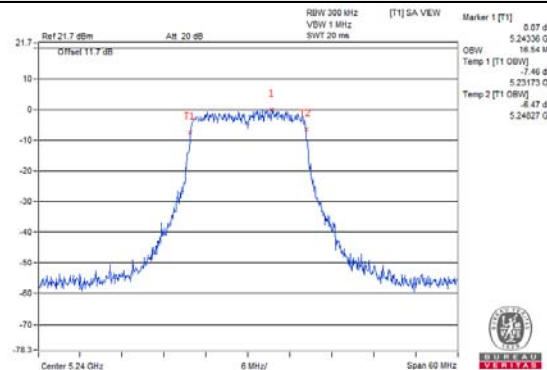


Spectrum Plot for near By DFS Band

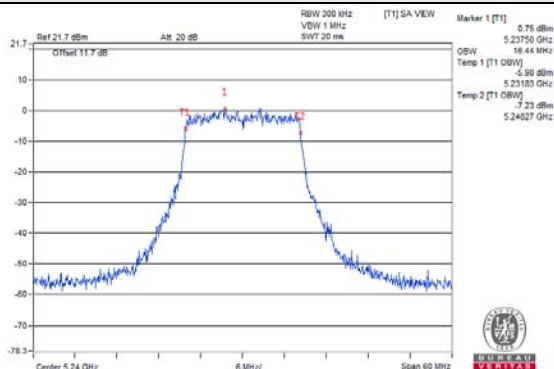
802.11a / Chain 0 / CH 48



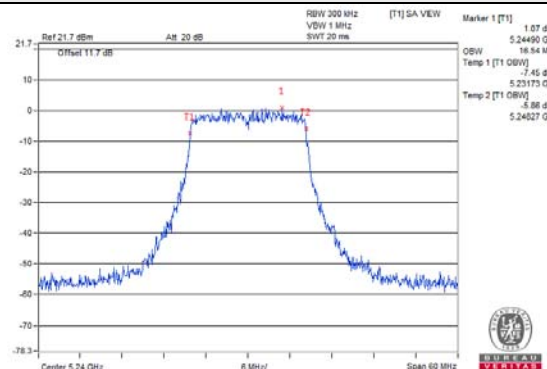
802.11a / Chain 1 / CH 48



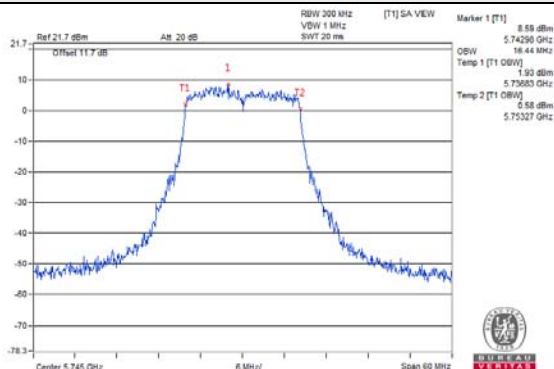
802.11a / Chain 2 / CH 48



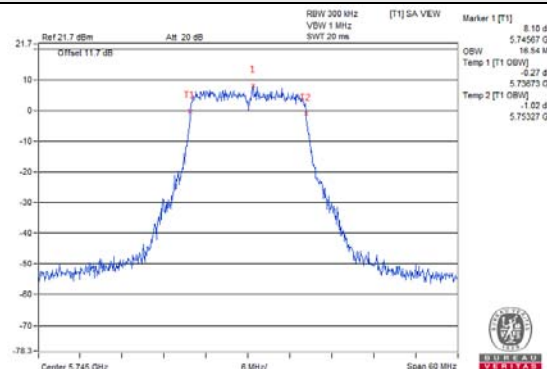
802.11a / Chain 3 / CH 48



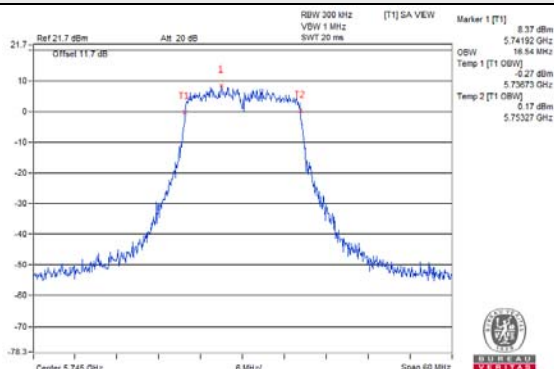
802.11a / Chain 0 / CH 149



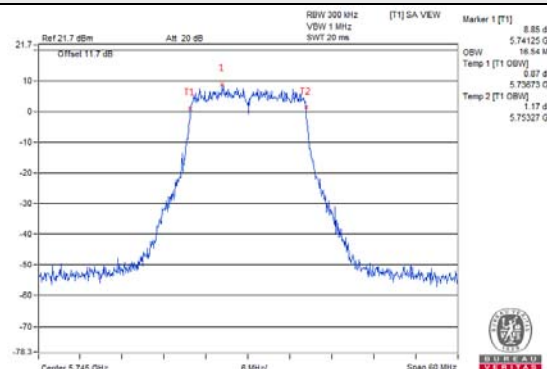
802.11a / Chain 1 / CH 149



802.11a / Chain 2 / CH 149

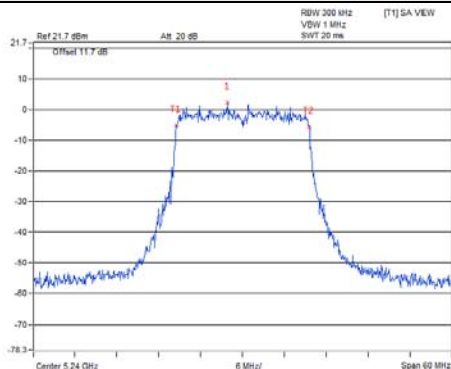


802.11a / Chain 3 / CH 149

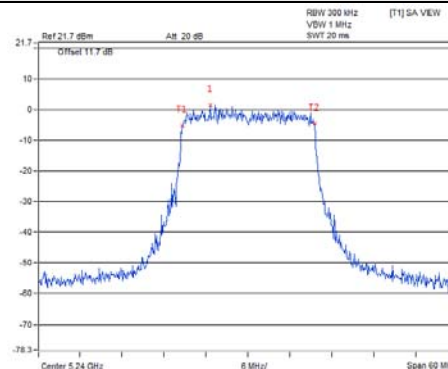


Spectrum Plot for near By DFS Band

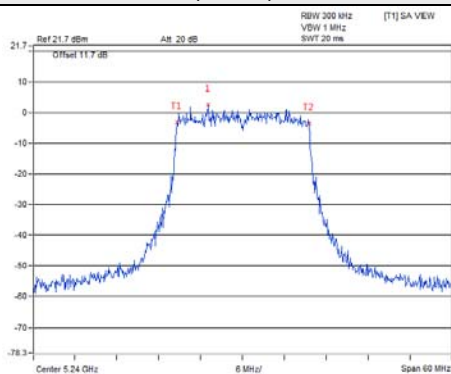
802.11ax (HE20) / Chain 0 / CH 48



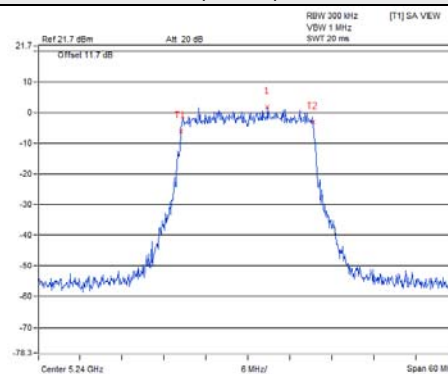
802.11ax (HE20) / Chain 1 / CH 48



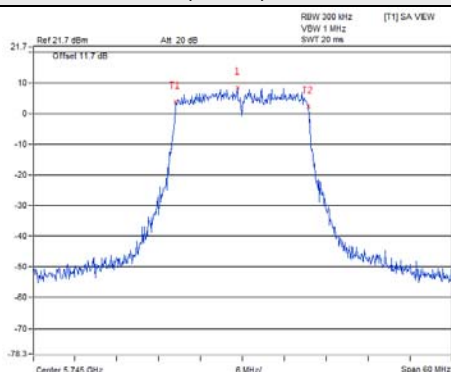
802.11ax (HE20) / Chain 2 / CH 48



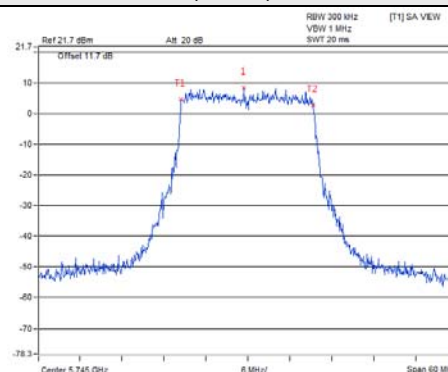
802.11ax (HE20) / Chain 3 / CH 48



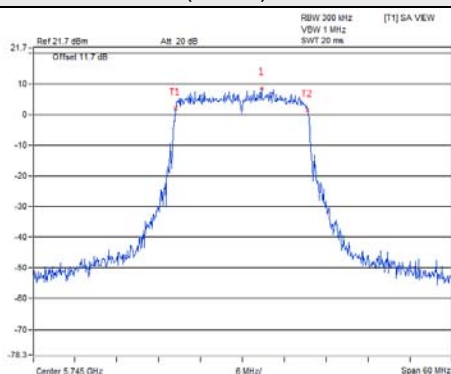
802.11ax (HE20) / Chain 0 / CH 149



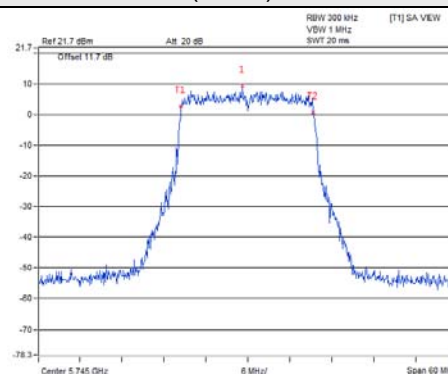
802.11ax (HE20) / Chain 1 / CH 149



802.11ax (HE20) / Chain 2 / CH 149

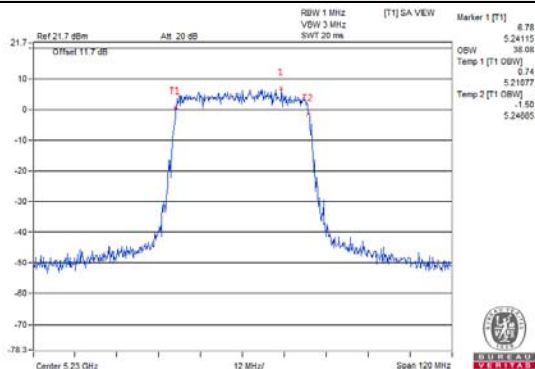


802.11ax (HE20) / Chain 3 / CH 149

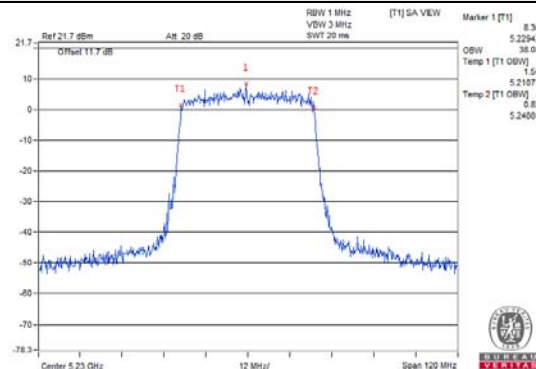


Spectrum Plot for near By DFS Band

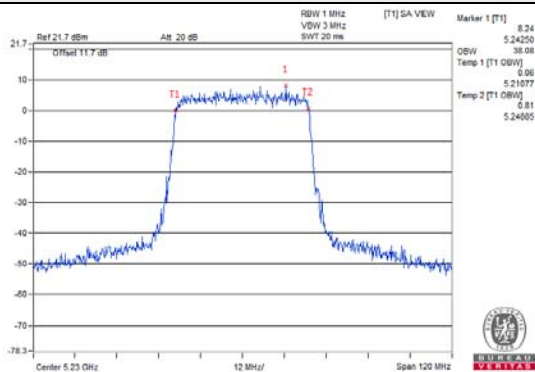
802.11ax (HE40) / Chain 0 / CH 46



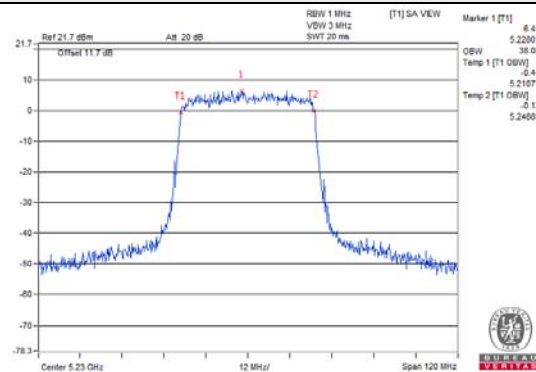
802.11ax (HE40) / Chain 1 / CH 46



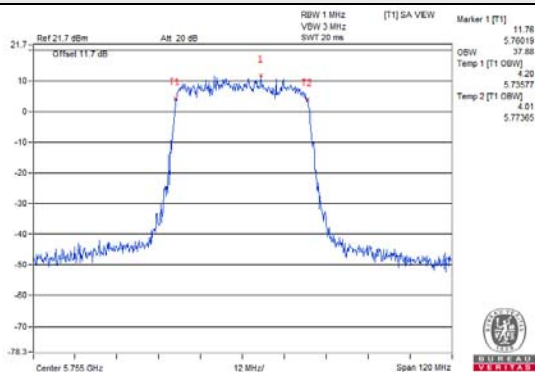
802.11ax (HE40) / Chain 2 / CH 46



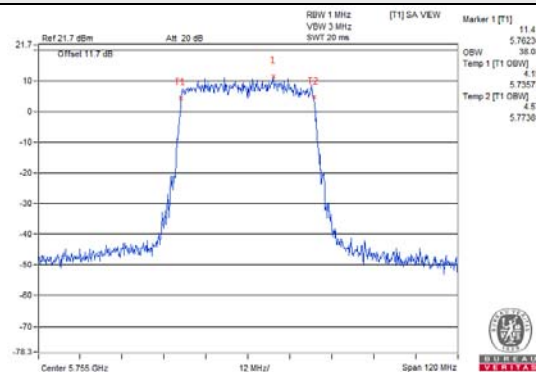
802.11ax (HE40) / Chain 3 / CH 46



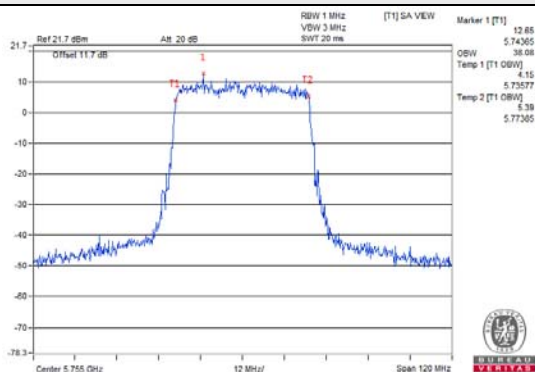
802.11ax (HE40) / Chain 0 / CH 151



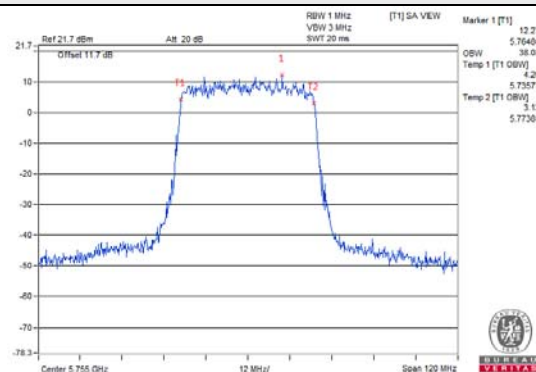
802.11ax (HE40) / Chain 1 / CH 151



802.11ax (HE40) / Chain 2 / CH 151

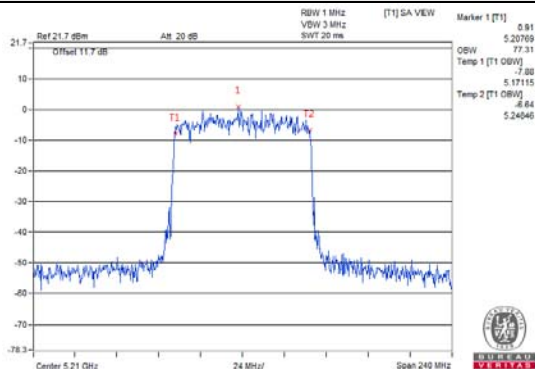


802.11ax (HE40) / Chain 3 / CH 151

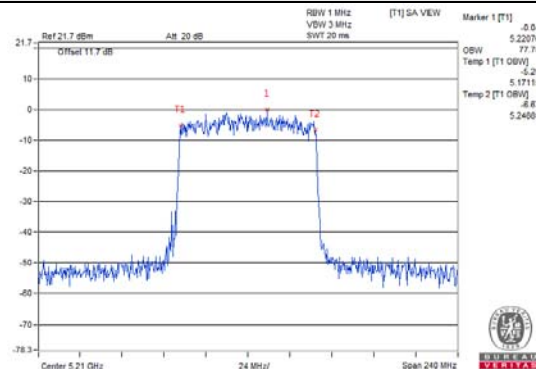


Spectrum Plot for near By DFS Band

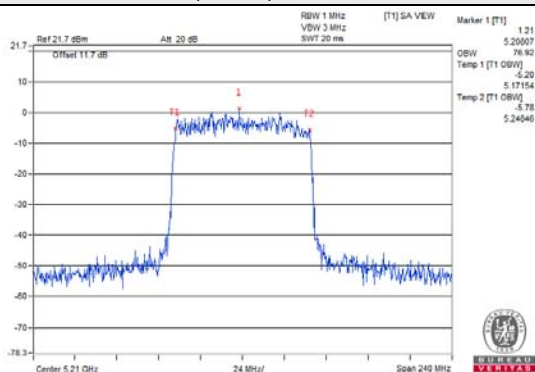
802.11ax (HE80) / Chain 0 / CH 42



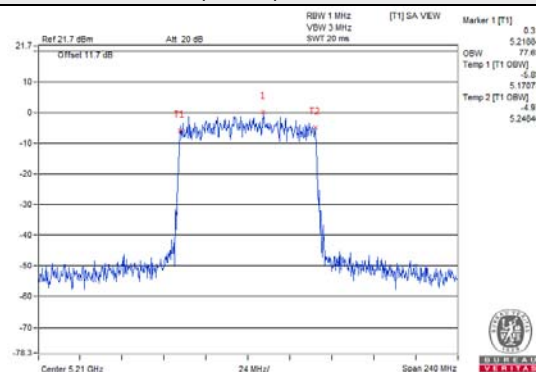
802.11ax (HE80) / Chain 1 / CH 42



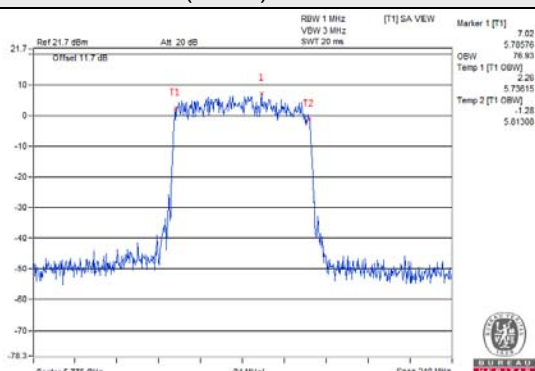
802.11ax (HE80) / Chain 2 / CH 42



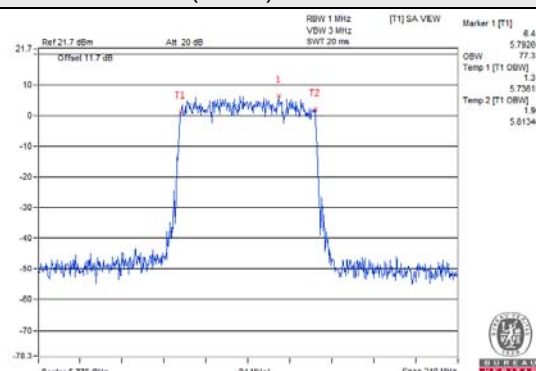
802.11ax (HE80) / Chain 3 / CH 42



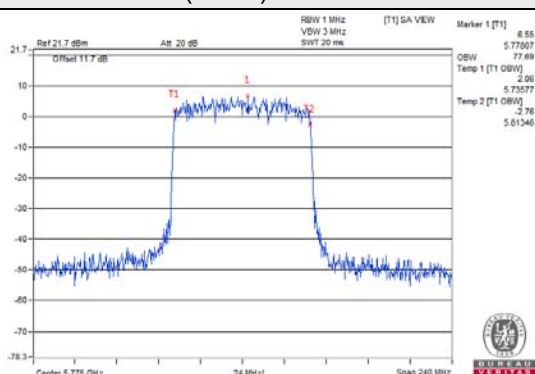
802.11ax (HE80) / Chain 0 / CH 155



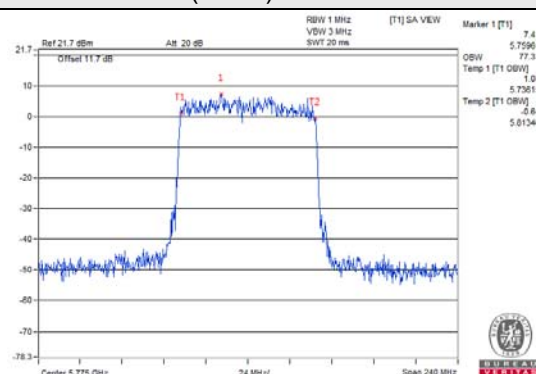
802.11ax (HE80) / Chain 1 / CH 155



802.11ax (HE80) / Chain 2 / CH 155

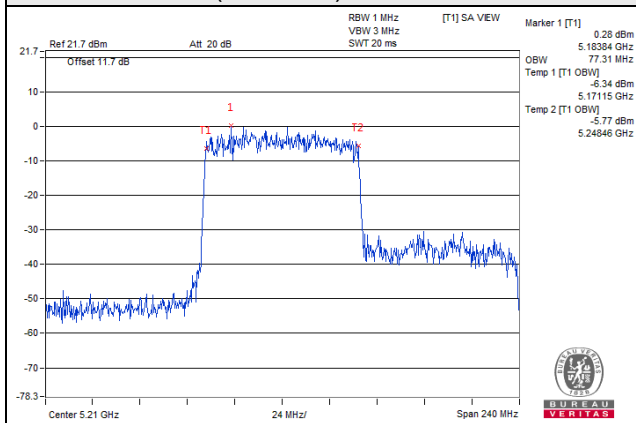


802.11ax (HE80) / Chain 3 / CH 155

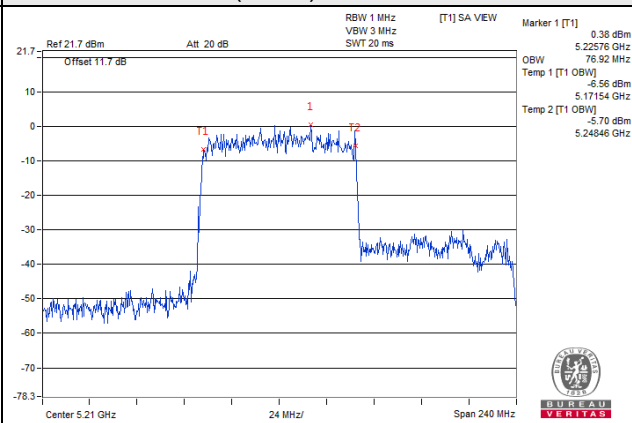


Spectrum Plot for near By DFS Band

802.11ax (HE80+80) / Chain 0 / CH 42



802.11ax (HE80) / Chain 1 / CH 42



Mode C

802.11a

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
36	5180	16.54	16.54	16.44	16.44
40	5200	16.54	16.44	16.44	16.44
48	5240	16.54	16.54	16.44	16.44
52	5260	16.44	16.54	16.44	16.44
60	5300	16.44	16.44	16.44	16.44
64	5320	16.64	16.54	16.44	16.44
100	5500	16.44	16.54	16.44	16.44
116	5580	16.44	16.35	16.44	16.44
140	5700	16.44	16.44	16.44	16.54
144	5720 (For U-NII-2C)	13.40	13.28	13.28	13.28
144	5720 (For U-NII-3)	3.16	3.16	3.16	3.16
149	5745	16.64	16.54	16.54	16.64
157	5785	16.54	16.64	16.64	16.74
165	5825	16.64	16.64	16.64	16.73

For CH144 (U-NII-2C Band): The Occupied bandwidth below 5725MHz = 5725MHz - Marker 1

For CH144 (U-NII-3 Band): The Occupied bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ax (HE20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
36	5180	18.94	18.94	18.94	18.94
40	5200	19.04	18.94	18.94	18.94
48	5240	18.94	18.94	18.94	18.94
52	5260	19.08	18.96	19.08	19.08
60	5300	19.08	19.08	19.08	18.96
64	5320	18.84	18.84	19.08	19.08
100	5500	19.08	18.96	19.08	19.08
116	5580	19.08	18.96	18.96	19.08
140	5700	19.08	19.08	19.08	18.96
144	5720 (For U-NII-2C)	14.52	14.60	14.60	14.60
144	5720 (For U-NII-3)	4.42	4.48	4.36	4.48
149	5745	19.04	19.04	19.04	19.14
157	5785	19.14	19.04	19.04	19.14
165	5825	19.14	19.14	19.14	19.24

For CH144 (U-NII-2C Band): The Occupied bandwidth below 5725MHz = 5725MHz - Marker 1

For CH144 (U-NII-3 Band): The Occupied bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ax (HE40)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
38	5190	38.07	37.88	38.07	38.07
46	5230	37.89	38.08	37.89	38.08
54	5270	37.98	37.98	38.07	38.17
62	5310	38.07	37.98	38.08	38.08
102	5510	37.98	37.98	37.98	37.89
110	5550	37.89	38.08	37.89	38.08
134	5670	37.89	38.08	38.08	38.27
142	5710 (For U-NII-2C)	34.20	34.20	34.20	33.96
142	5710 (For U-NII-3)	3.96	3.96	3.96	3.96
151	5755	38.08	38.08	38.08	38.08
159	5795	38.07	38.07	37.98	38.17

For CH142 (U-NII-2C Band): The Occupied bandwidth below 5725MHz = 5725MHz - Marker 1

For CH142 (U-NII-3 Band): The Occupied bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ax (HE80)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
42	5210	76.80	77.28	77.28	77.76
58	5290	77.04	77.28	77.28	77.28
106	5530	76.54	77.70	77.31	77.31
122	5610	77.28	77.04	77.28	77.28
138	5690 (For U-NII-2C)	73.88	73.88	73.88	73.88
138	5690 (For U-NII-3)	2.92	3.40	3.40	3.40
155	5775	77.31	76.92	77.31	77.31

For CH138 (U-NII-2C Band): The Occupied bandwidth below 5725MHz = 5725MHz - Marker 1

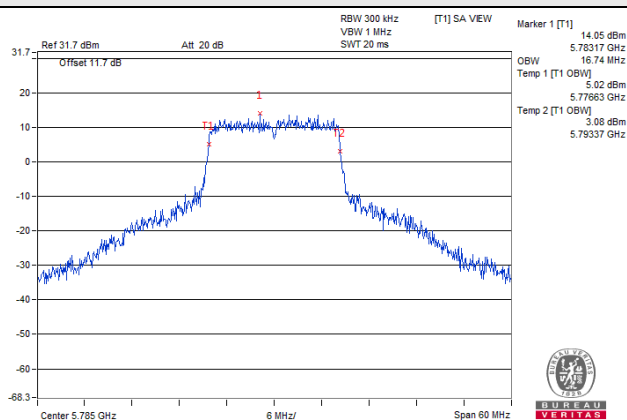
For CH138 (U-NII-3 Band): The Occupied bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

802.11ax (HE80+80)

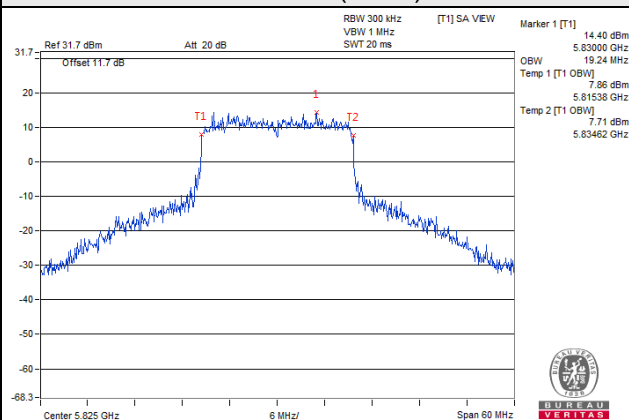
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
42+58(L)	5210	77.28	77.76	-	-
42+58(H)	5290	-	-	77.52	77.28
106+122(L)	5530	77.31	77.70	-	-
106+122(H)	5610	-	-	77.04	77.28

Spectrum Plot of Worst Value

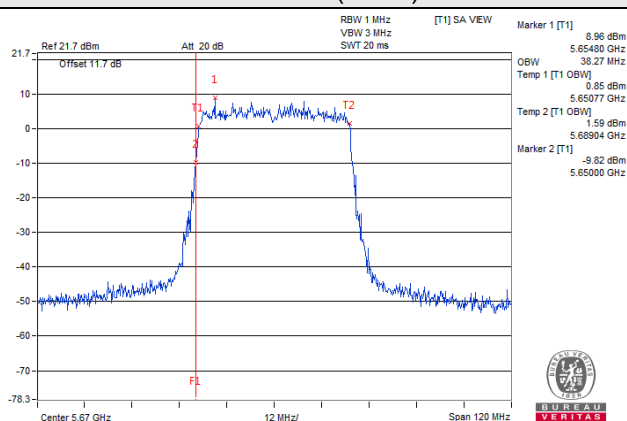
802.11a



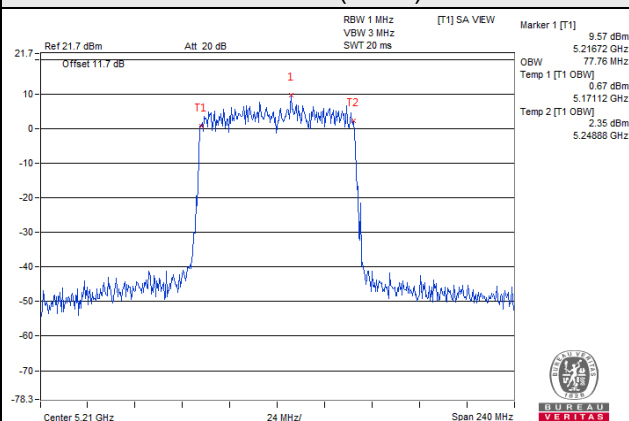
802.11ax (HE20)



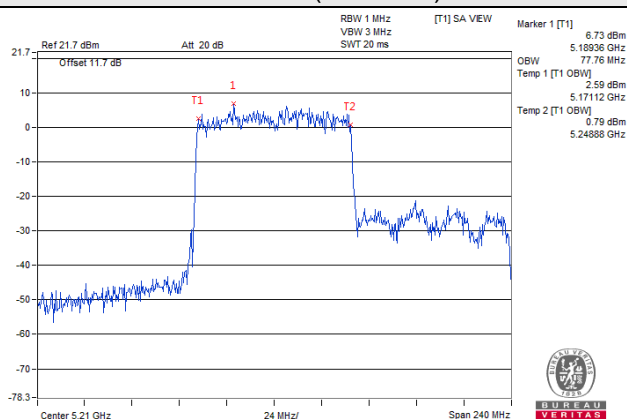
802.11ax (HE40)



802.11ax (HE80)

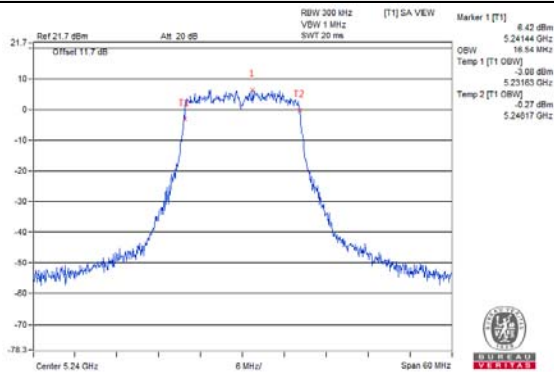


802.11ax (HE80+80)

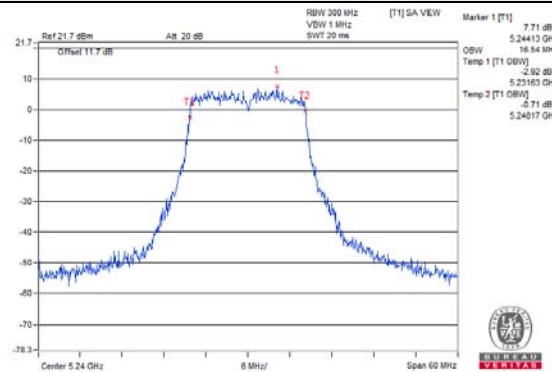


Spectrum Plot for near By DFS Band

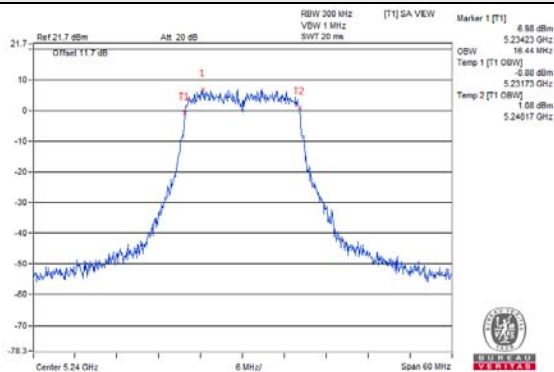
802.11a / Chain 0 / CH 48



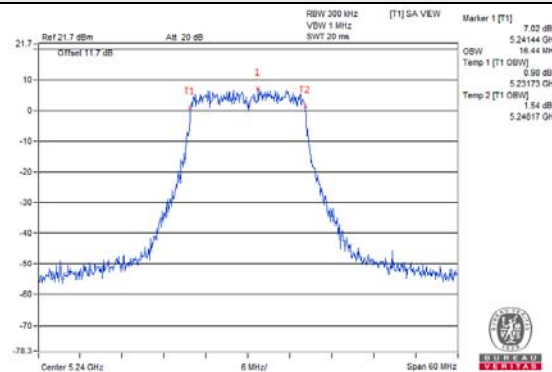
802.11a / Chain 1 / CH 48



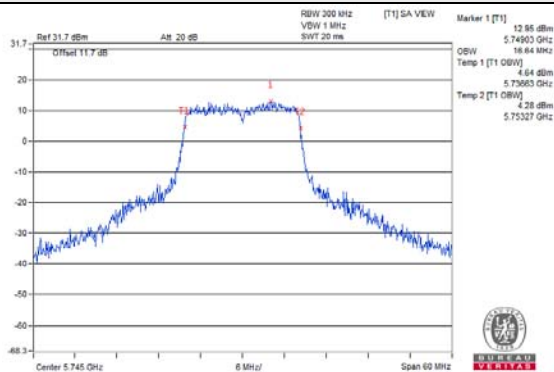
802.11a / Chain 2 / CH 48



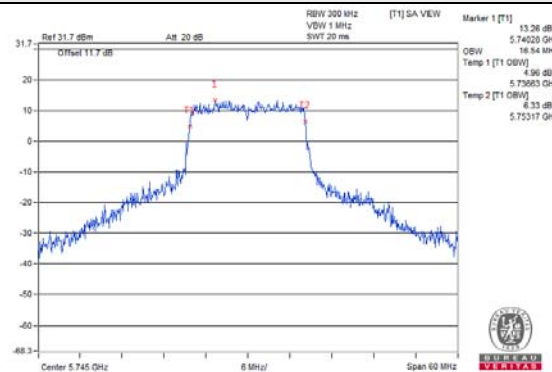
802.11a / Chain 3 / CH 48



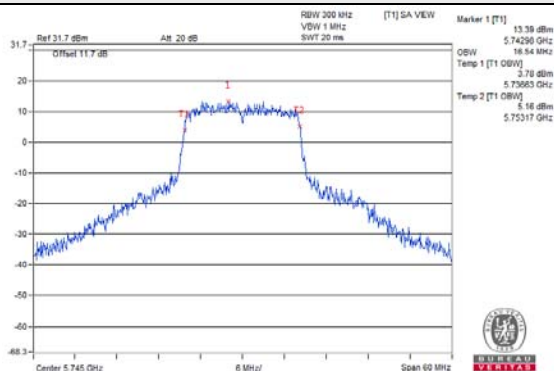
802.11a / Chain 0 / CH 149



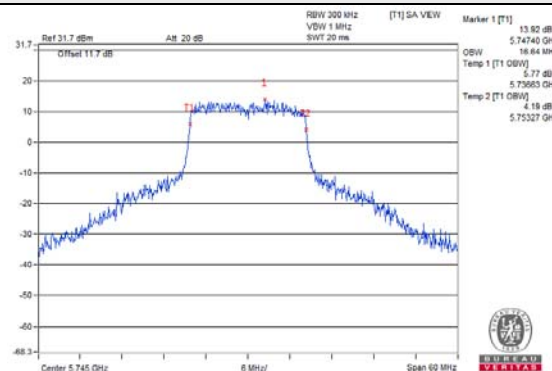
802.11a / Chain 1 / CH 149



802.11a / Chain 2 / CH 149

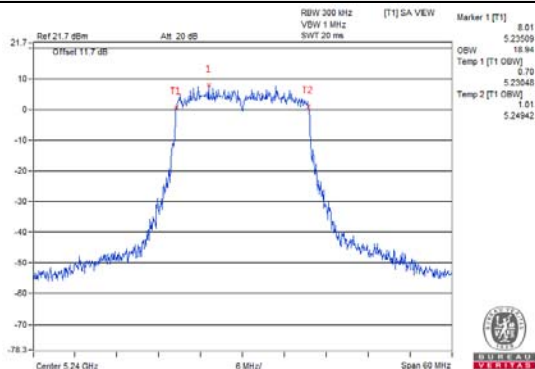


802.11a / Chain 3 / CH 149

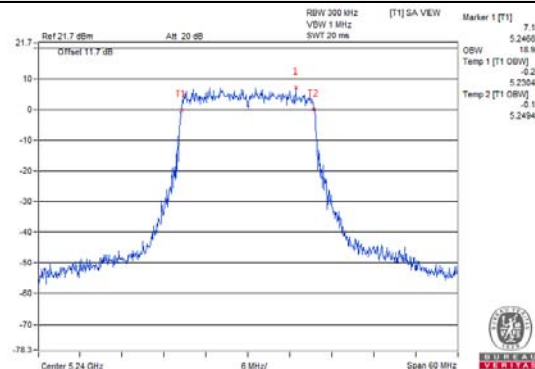


Spectrum Plot for near By DFS Band

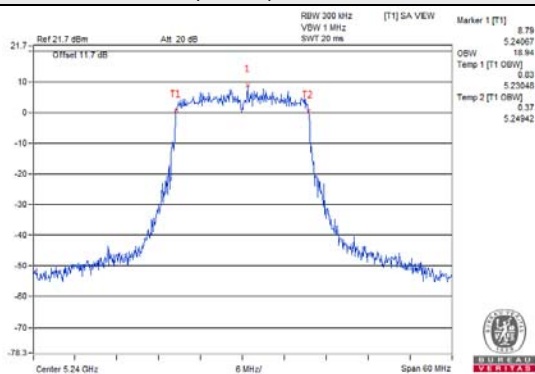
802.11ax (HE20) / Chain 0 / CH 48



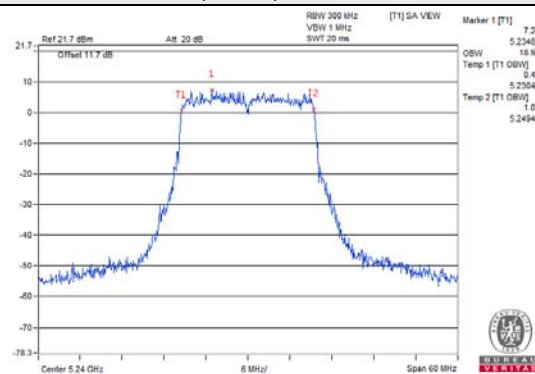
802.11ax (HE20) / Chain 1 / CH 48



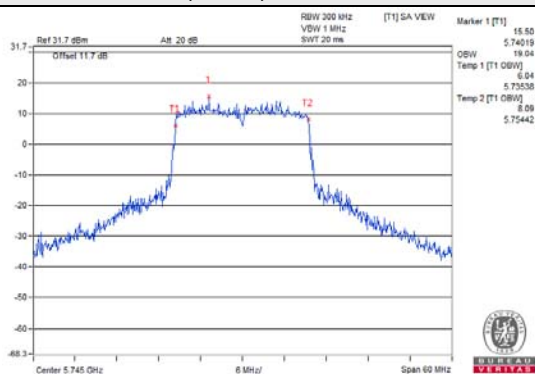
802.11ax (HE20) / Chain 2 / CH 48



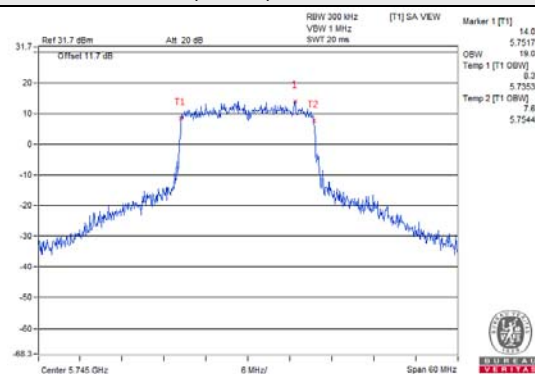
802.11ax (HE20) / Chain 3 / CH 48



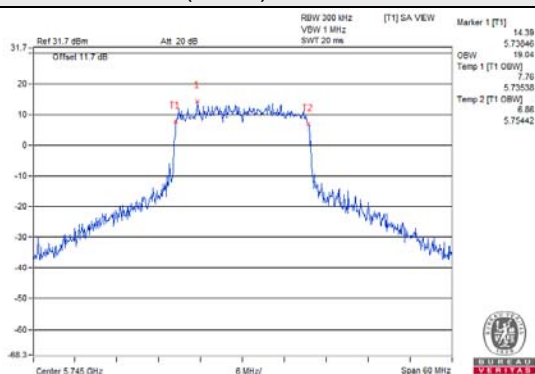
802.11ax (HE20) / Chain 0 / CH 149



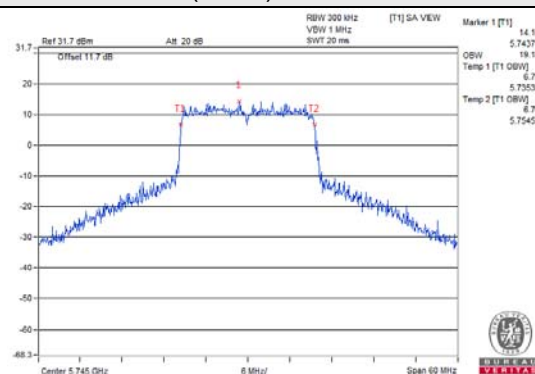
802.11ax (HE20) / Chain 1 / CH 149



802.11ax (HE20) / Chain 2 / CH 149

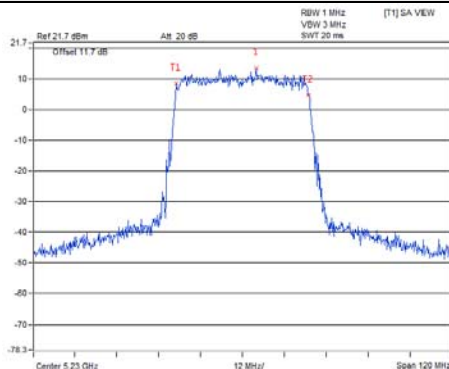


802.11ax (HE20) / Chain 3 / CH 149

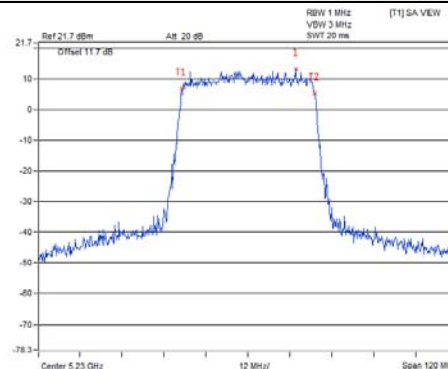


Spectrum Plot for near By DFS Band

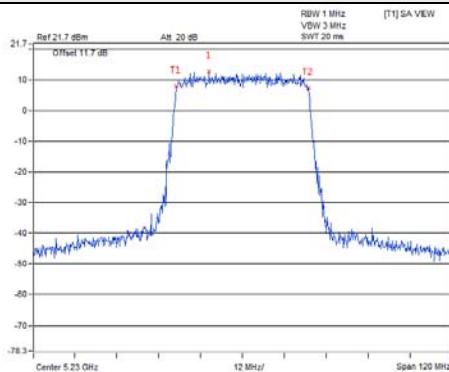
802.11ax (HE40) / Chain 0 / CH 46



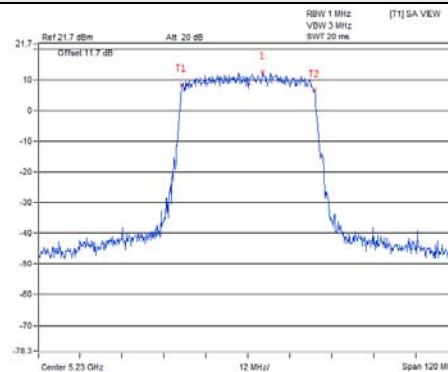
802.11ax (HE40) / Chain 1 / CH 46



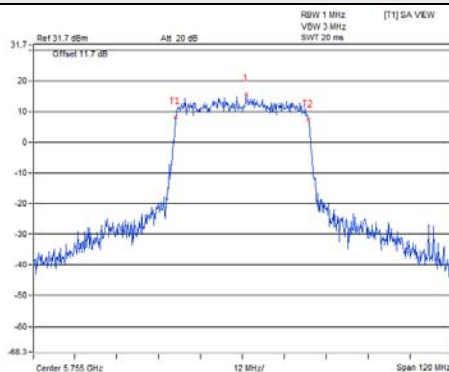
802.11ax (HE40) / Chain 2 / CH 46



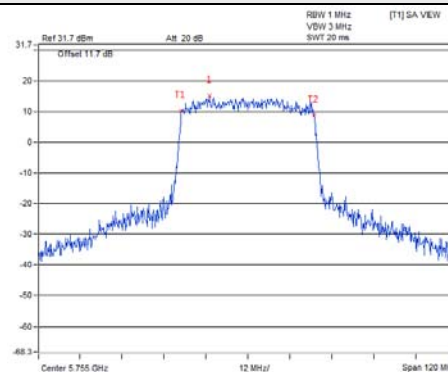
802.11ax (HE40) / Chain 3 / CH 46



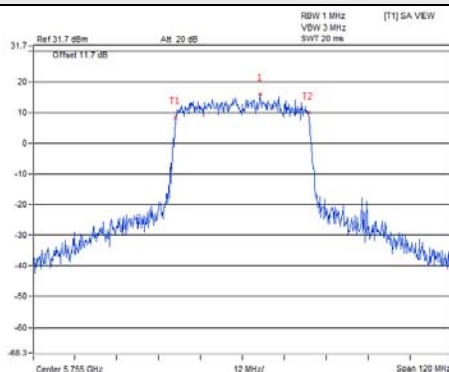
802.11ax (HE40) / Chain 0 / CH 151



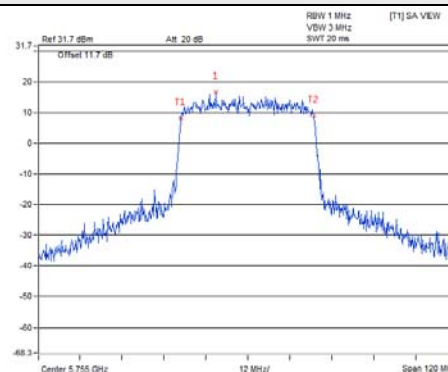
802.11ax (HE40) / Chain 1 / CH 151



802.11ax (HE40) / Chain 2 / CH 151

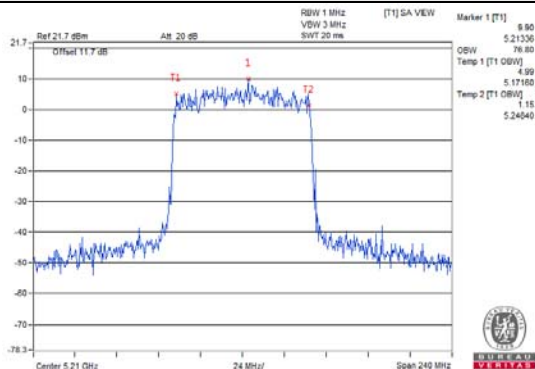


802.11ax (HE40) / Chain 3 / CH 151

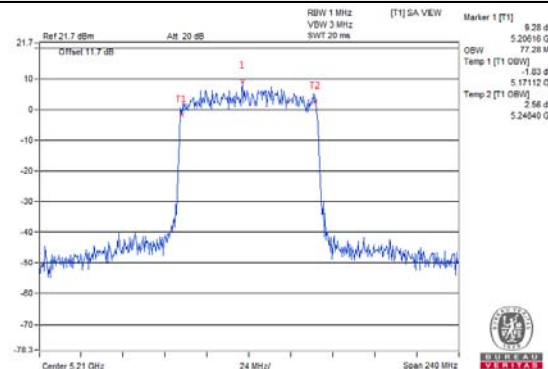


Spectrum Plot for near By DFS Band

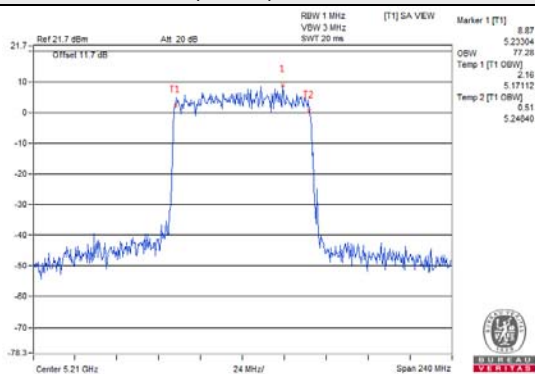
802.11ax (HE80) / Chain 0 / CH 42



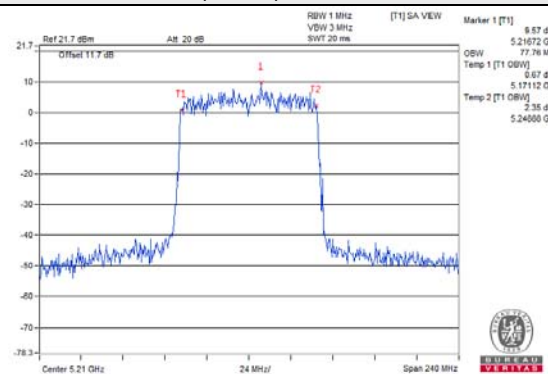
802.11ax (HE80) / Chain 1 / CH 42



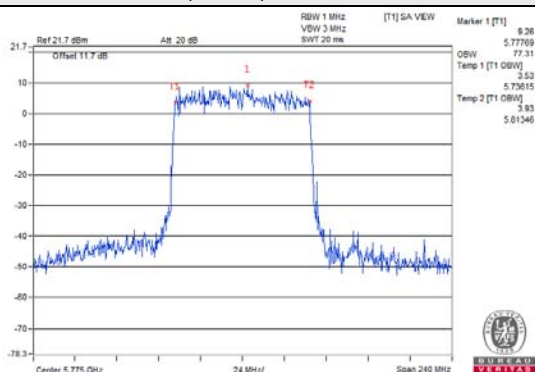
802.11ax (HE80) / Chain 2 / CH 42



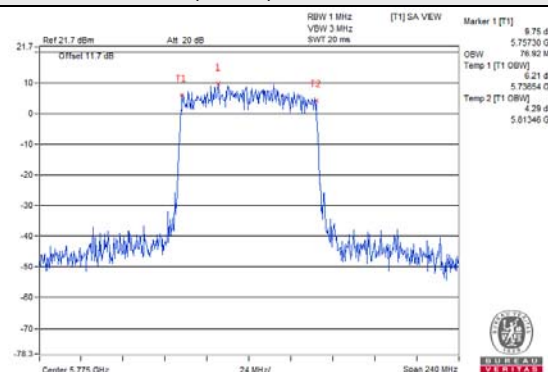
802.11ax (HE80) / Chain 3 / CH 42



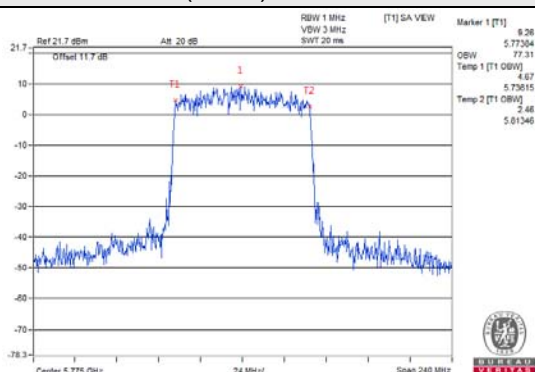
802.11ax (HE80) / Chain 0 / CH 155



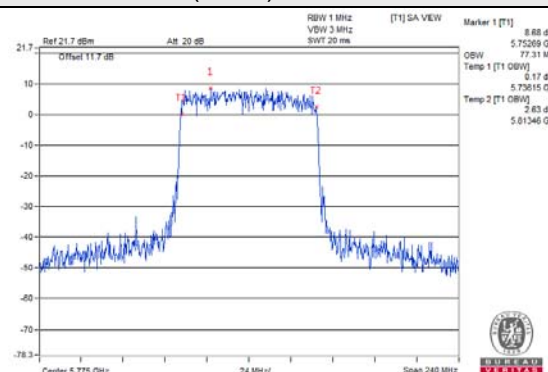
802.11ax (HE80) / Chain 1 / CH 155



802.11ax (HE80) / Chain 2 / CH 155



802.11ax (HE80) / Chain 3 / CH 155



Spectrum Plot for near By DFS Band

802.11ax (HE80+80) / Chain 0 / CH 42

802.11ax (HE80) / Chain 1 / CH 42

