

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 15, Subpart E (Section 15.407)

Report No.: RFBCIC-WTW-P25040167-1

FCC ID: U8G-P1AX33

Product: Peplink Pepwave Wireless Product

Brand:  **PEPWAVE**

Model No.: AP One Flex, APO-FLX (refer to item 3.1 for more details)

Received Date: 2025/4/10

Test Date: 2025/6/23 ~ 2025/8/27

Issued Date: 2025/9/24

Applicant: PISMO LABS TECHNOLOGY LIMITED

Address: A8, 5/F, HK Spinners Industrial Building, Phase 6, 481 Castle Peak Road, Cheung Sha Wan, Hong Kong

Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Lin Kou Laboratories

Lab Address: No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan

Test Location(1): No. 70, Wenming Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

Test Location(2): No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, Taiwan

FCC Registration / 788550 / TW0003

Designation Number: 281270 / TW0032

Approved by: _____

Jeremy Lin

Jeremy Lin / Project Engineer

, **Date:** _____

2025/9/24

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Prepared by : Lena Wang / Specialist

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Release Control Record

Issue No.	Description	Date Issued
RFBCIC-WTW-P25040167-1	Original release.	2025/9/24

1 Certificate

Product: Peplink Pepwave Wireless Product

Brand:  **PEPWAVE**

Test Model: AP One Flex, APO-FLX (refer to item 3.1 for more details)

Sample Status: Engineering sample

Applicant: PISMO LABS TECHNOLOGY LIMITED

Test Date: 2025/6/23 ~ 2025/8/27

Standard: 47 CFR FCC Part 15, Subpart E (Section 15.407)

Measurement procedure: ANSI C63.10-2020
KDB 789033 D02 General UNII Test Procedure New Rules v02r01
KDB 662911 D01 Multiple Transmitter Output v02r01

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.

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
Clause	Test Item	Result	Remark
15.407(a)(1) 15.407(a)(3)	RF Output Power	Pass	Meet the requirement of limit.
15.407(a)(1) 15.407(a)(3)	Power Spectral Density	Pass	Meet the requirement of limit.
15.407(e)	6 dB Bandwidth	Pass	Meet the requirement of limit. (U-NII-3 Band only)
---	Occupied Bandwidth	-	Reference only.
15.407(b)(9)	AC Power Conducted Emissions	Pass	Minimum passing margin is -10.55 dB at 0.50200 MHz
15.407(b)(9)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -4.0 dB at 197.81 MHz
15.407(b) (1/10) 15.407(b) (4(i)/10)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -1.0 dB at 4833.12 MHz and 5148.96 MHz
15.203	Antenna Requirement	Pass	Antenna connectors are ipex(MHF) and RP-SMA not a standard connector.

Notes: 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	Specification	Expanded Uncertainty (k=2) (±)
RF Output Power	-	1.371 dB
Power Spectral Density	-	1.017 dB
6 dB Bandwidth	-	206.5 Hz
Occupied Bandwidth	-	72 Hz
AC Power Conducted Emissions	9 kHz ~ 30 MHz	2.90 dB
Unwanted Emissions below 1 GHz	9 kHz ~ 30 MHz	3 dB
	30 MHz ~ 1 GHz	2.93 dB
Unwanted Emissions above 1 GHz	1 GHz ~ 18 GHz	1.76 dB
	18 GHz ~ 40 GHz	1.77 dB

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	Peplink Pepwave Wireless Product
Brand	
Test Model	AP One Flex, APO-FLX
Model Difference	Refer to Note as below
Status of EUT	Engineering sample
Power Supply Rating	56V from 802.3 bt PoE
Modulation Type	64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode 1024QAM for OFDMA in 11ax mode
Modulation Technology	OFDM, OFDMA
Transfer Rate	Up to 1201.0Mbps
Operating Frequency	5.18 GHz ~ 5.24 GHz 5.745 GHz ~ 5.825 GHz
Number of Channel	802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 9 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 4 802.11ac (VHT80), 802.11ax (HE80): 2
Output Power	5.18 GHz ~ 5.24 GHz: 9.728 mW (9.88 dBm) 5.745 GHz ~ 5.825 GHz: 286.777 mW (24.58 dBm)
EUT Category	Master device_Indoor & Outdoor used

Note:

1. All models are listed as below.

Brand	Model	Difference
	AP One Flex	marketing purpose.
	APO-FLX	

2. There are WLAN (2.4 GHz & 5 GHz) technology used for the EUT.

3. Simultaneously transmission combination.

Combination	Technology	
1	WLAN (2.4 GHz)	WLAN (5 GHz)

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

* WLAN 2.4GHz and WLAN 5G technologies can transmit simultaneously, but they use time-slot technology to achieve this.

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

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Antenna NO.	RF Chain NO.	Brand	Model	Antenna Net Gain(dBi)	Frequency range	Antenna Type	Connector Type
Internal_WiFi_1-1 / WiFi_1-2	0	Whayu	C1980-510149-A	9.53	2.4~2.4835GHz	Patch	ipex(MHF)
				10.44	5.15~5.25GHz		
				9.8	5.725~5.85GHz		
	1			9.65	2.4~2.4835GHz		
				11.05	5.15~5.25GHz		
				9.74	5.725~5.85GHz		
External_WiFi_1-1 / WiFi_1-2	0/1	YUAN CHEN	ACA-0040-6G1A1-A10	3.15	2.4~2.4835GHz	Omni-directional	RP-SMA
				3.29	5.15~5.25GHz		
				4.76	5.725~5.85GHz		

* Detail antenna specification please refer to antenna datasheet and/or antenna measurement report.

Note: When the EUT is installed in an outdoor area, the maximum antenna gain is more than 30 degrees from the horizon as shown in the Internal maximum gain table above.

2. The EUT incorporates a MIMO function:

5 GHz Band		
Modulation Mode	TX & RX Configuration	
802.11a	2TX	2RX
802.11n (HT20)	2TX	2RX
802.11n (HT40)	2TX	2RX
802.11ac (VHT20)	2TX	2RX
802.11ac (VHT40)	2TX	2RX
802.11ac (VHT80)	2TX	2RX
802.11ax (HE20)	2TX	2RX
802.11ax (HE40)	2TX	2RX
802.11ax (HE80)	2TX	2RX

Note:

- The modulation and bandwidth are similar for 802.11n mode for 20 MHz (40 MHz), 802.11ac mode for 20 MHz (40 MHz, 80 MHz), 802.11ax mode for 20 MHz (40 MHz, 80 MHz). Therefore the investigated worst case is the representative mode in test report.
- The EUT does not use channel puncturing and bandwidth reduction.

3.3 Channel List

FOR 5180 ~ 5240 MHz

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

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

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

Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz

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

Channel	Frequency
42	5210 MHz

FOR 5745 ~ 5825 MHz:

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

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

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

Channel	Frequency	Channel	Frequency
151	5755 MHz	159	5795 MHz

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

Channel	Frequency
155	5775 MHz

3.4 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. 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). 2. EUT With External antennas can be used in the following ways: X-axis/ Y-axis/ Z-axis. Pre-scan these ways and find the worst case as a representative test condition. 3. EUT With Internal antennas can be used in the following ways: X-axis/ Y-axis/ Z-axis. Pre-scan these ways and find the worst case as a representative test condition.
Worst Case:	1. EUT With External antennas X-axis/ Y-axis/ Z-axis Worst Condition: X-axis 2. EUT With Internal antennas X-axis/ Y-axis/ Z-axis Worst Condition: Y-axis

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

Test Item	EUT Configure Mode	Mode	Signal Mode	Tested Channel	Modulation	Data Rate Parameter
RF Output Power	B	802.11a	CDD	36, 40, 48, 149, 157, 165	BPSK	6Mb/s
		802.11ax (HE20)	CDD	36, 40, 48, 149, 157, 165	BPSK	MCS0
		802.11ax (HE40)	CDD	38, 46, 151, 159	BPSK	MCS0
		802.11ax (HE80)	CDD	42, 155	BPSK	MCS0
Power Spectral Density	B	802.11a	CDD	36, 40, 48, 149, 157, 165	BPSK	6Mb/s
		802.11ax (HE20)	CDD	36, 40, 48, 149, 157, 165	BPSK	MCS0
		802.11ax (HE40)	CDD	38, 46, 151, 159	BPSK	MCS0
		802.11ax (HE80)	CDD	42, 155	BPSK	MCS0
6 dB Bandwidth	B	802.11a	CDD	149, 157, 165	BPSK	6Mb/s
		802.11ax (HE20)	CDD	149, 157, 165	BPSK	MCS0
		802.11ax (HE40)	CDD	151, 159	BPSK	MCS0
		802.11ax (HE80)	CDD	155	BPSK	MCS0
Occupied Bandwidth	B	802.11a	CDD	36, 40, 48, 149, 157, 165	BPSK	6Mb/s
		802.11ax (HE20)	CDD	36, 40, 48, 149, 157, 165	BPSK	MCS0
		802.11ax (HE40)	CDD	38, 46, 151, 159	BPSK	MCS0
		802.11ax (HE80)	CDD	42, 155	BPSK	MCS0
AC Power Conducted Emissions	A, B	802.11ax (HE80)	CDD	155	BPSK	MCS0
Unwanted Emissions below 1 GHz	A, B	802.11ax (HE80)	CDD	155	BPSK	MCS0
Unwanted Emissions above 1 GHz	A, B	802.11a	CDD	36, 40, 48, 149, 157, 165	BPSK	6Mb/s
		802.11ax (HE20)	CDD	36, 40, 48, 149, 157, 165	BPSK	MCS0
		802.11ax (HE40)	CDD	38, 46, 151, 159	BPSK	MCS0
		802.11ax (HE80)	CDD	42, 155	BPSK	MCS0
EUT Configure Mode:	A	External antennas				
	B	Internal antennas				

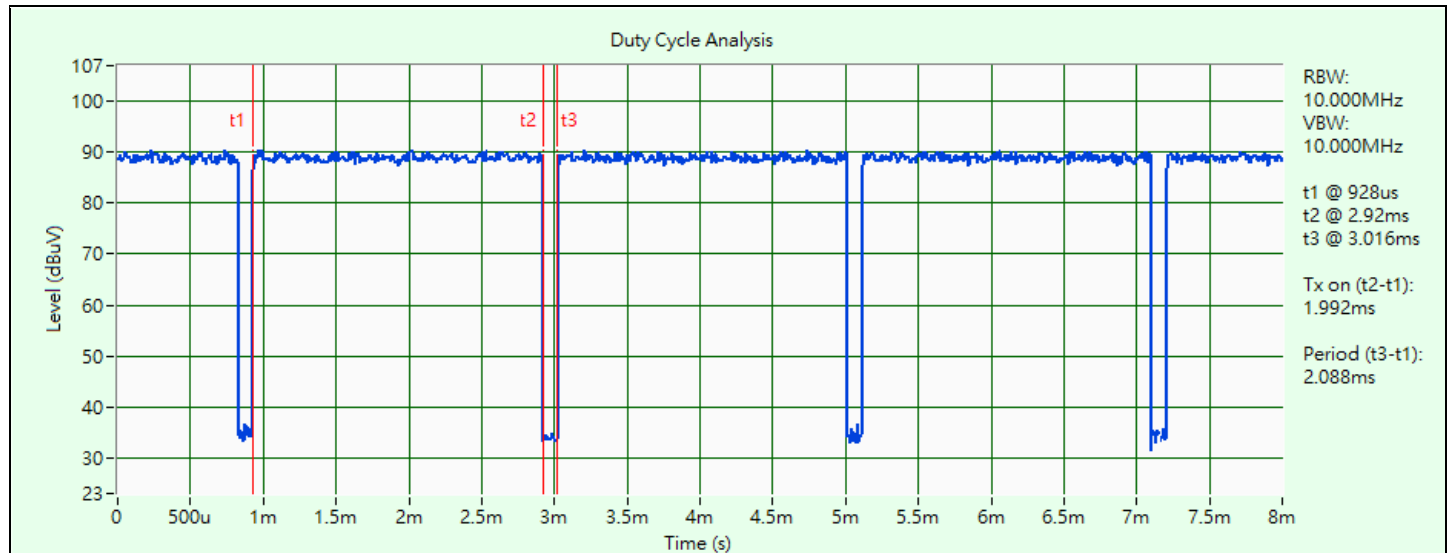
3.5 Duty Cycle of Test Signal

802.11a: Duty cycle = $1.992 \text{ ms} / 2.088 \text{ ms} \times 100\% = 95.4\%$, duty factor = $10 * \log (1/\text{Duty cycle}) = 0.20 \text{ dB}$

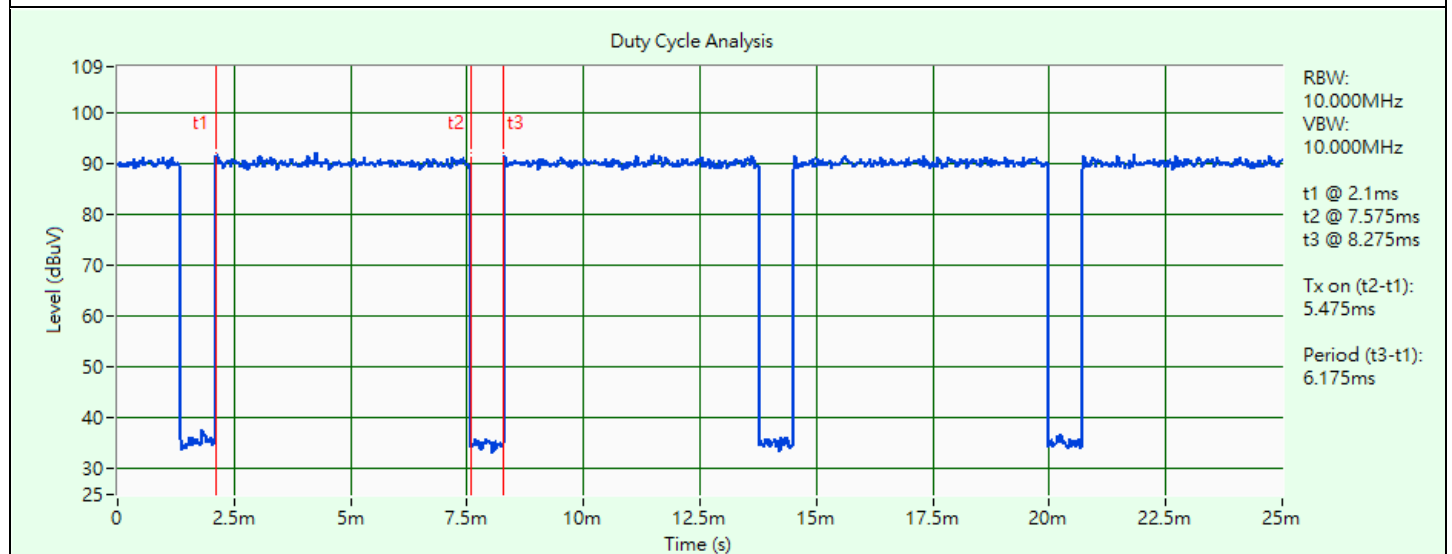
802.11ax (HE20): Duty cycle = $5.475 \text{ ms} / 6.175 \text{ ms} \times 100\% = 88.7\%$, duty factor = $10 * \log (1/\text{Duty cycle}) = 0.52 \text{ dB}$

802.11ax (HE40): Duty cycle = $5.48 \text{ ms} / 5.72 \text{ ms} \times 100\% = 95.8\%$, duty factor = $10 * \log (1/\text{Duty cycle}) = 0.19 \text{ dB}$

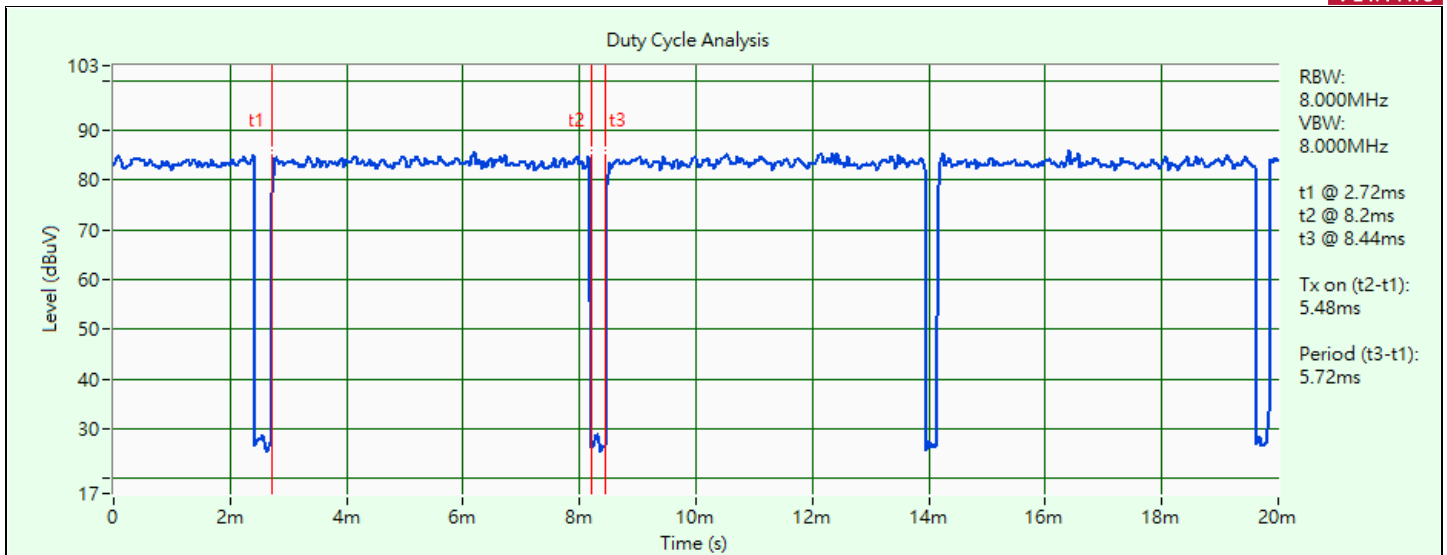
802.11ax (HE80): Duty cycle = $5.48 \text{ ms} / 5.72 \text{ ms} \times 100\% = 95.8\%$, duty factor = $10 * \log (1/\text{Duty cycle}) = 0.19 \text{ dB}$



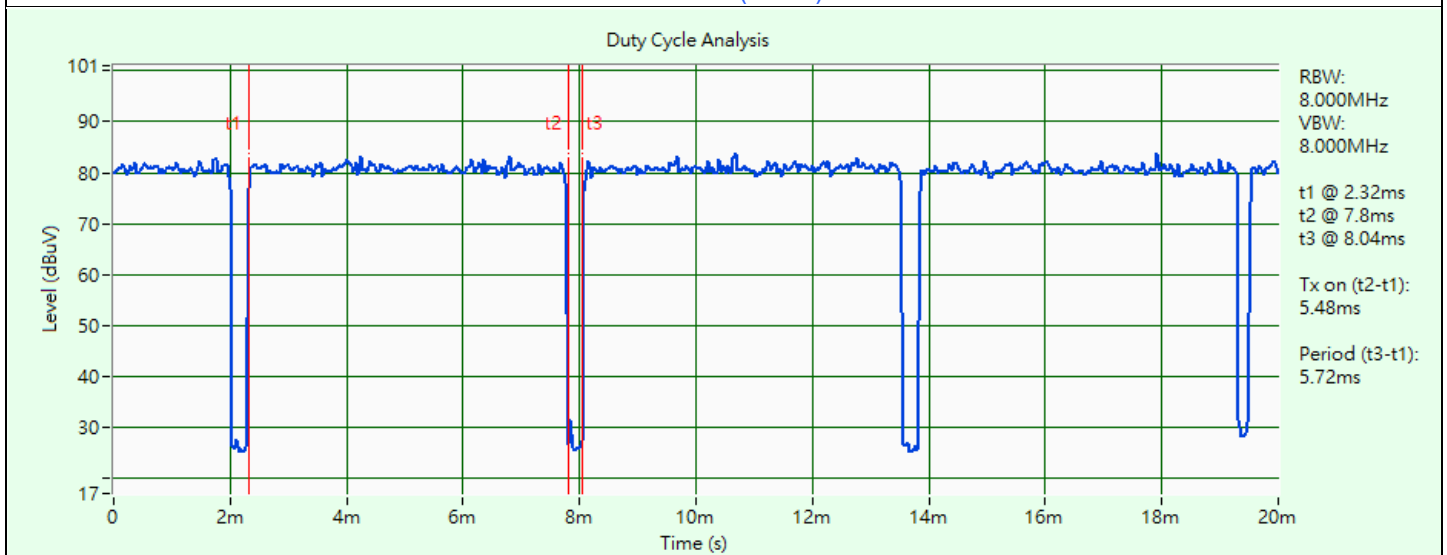
802.11a



802.11ax (HE20)



802.11ax (HE40)



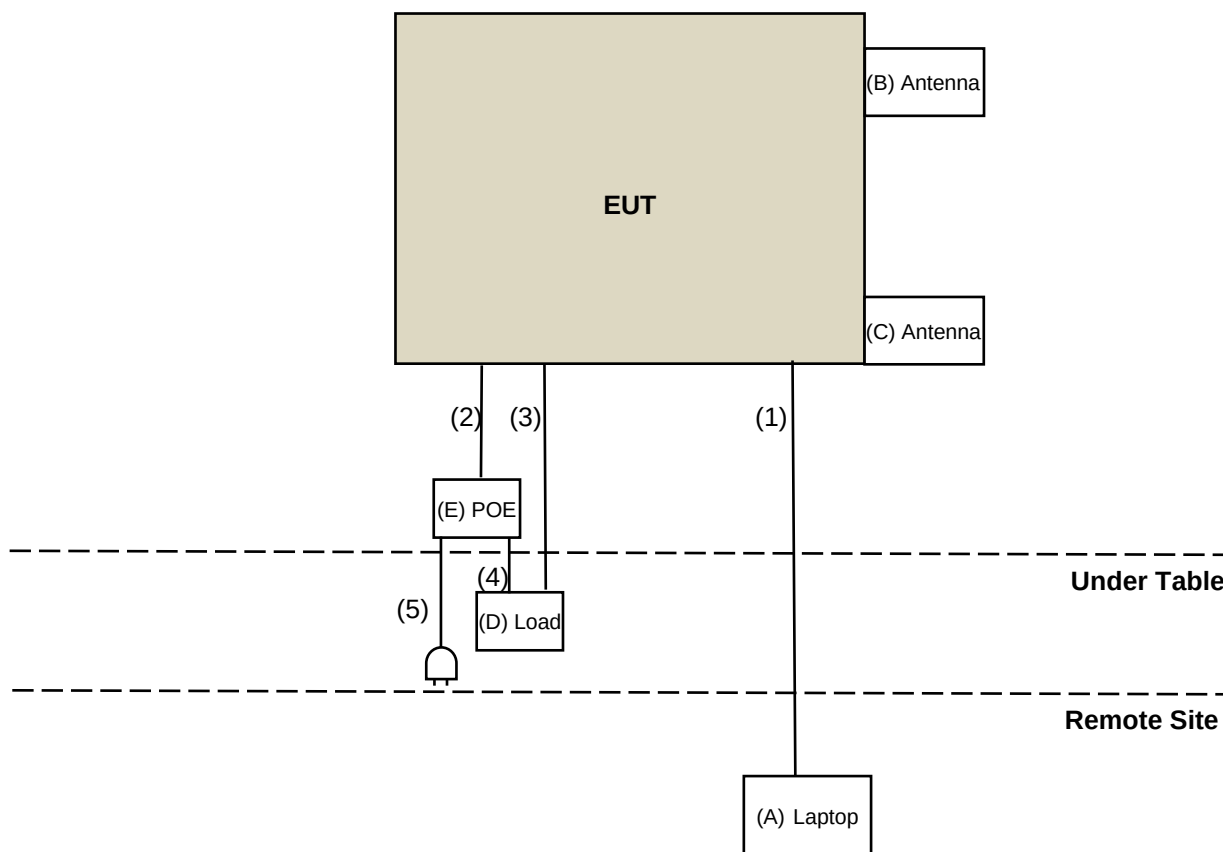
802.11ax (HE80)

3.6 Test Program Used and Operation Descriptions

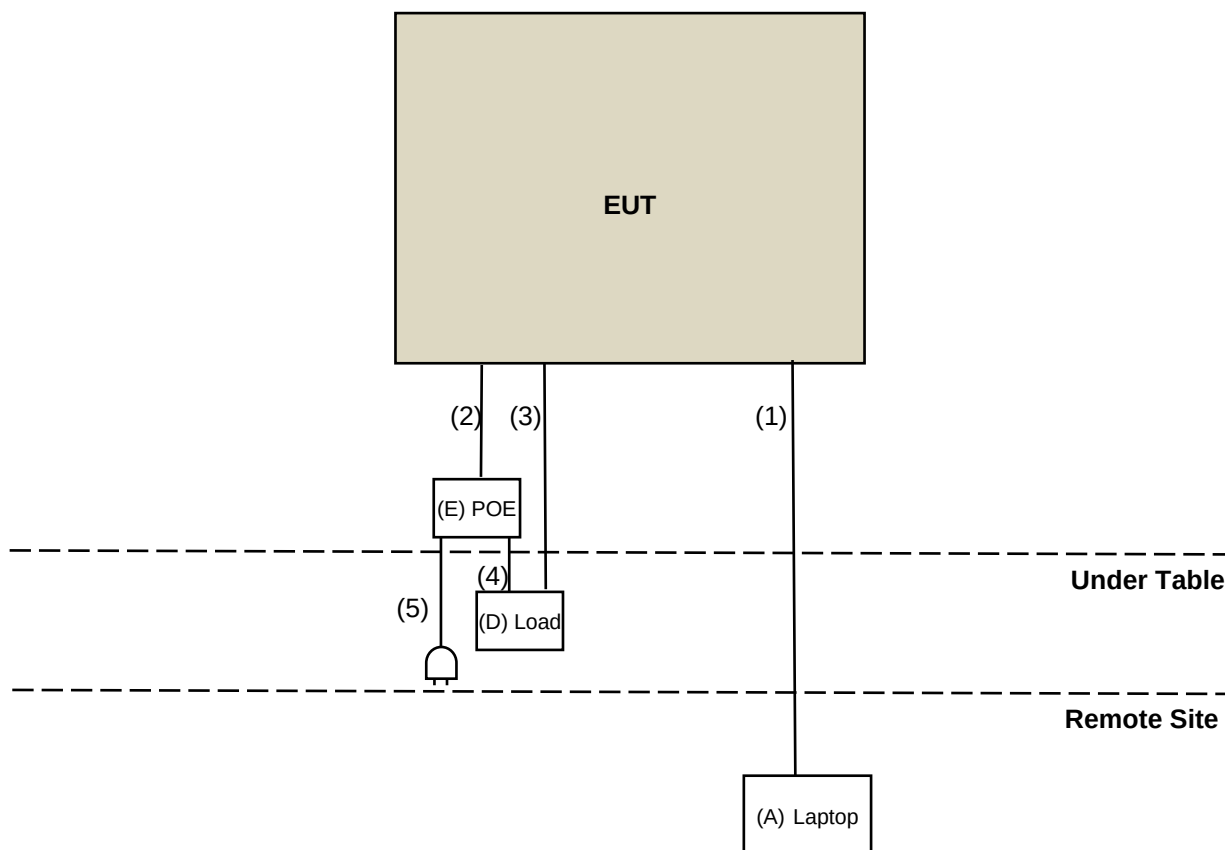
Controlling software QSPR has been activated to set the EUT under transmission condition continuously at specific channel frequency.

3.7 Connection Diagram of EUT and Peripheral Devices

Mode A



Mode B



3.8 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Laptop	Lenovo	X270	PC0SWWZ1	N/A	Supplied by applicant
B	Antenna	YUAN CHEN	ACA-0040-6G1A1-A10	N/A	N/A	Supplied by applicant
C	Antenna	YUAN CHEN	ACA-0040-6G1A1-A10	N/A	N/A	Supplied by applicant
D	Load	N/A	N/A	N/A	N/A	Provided by Lab
E	POE	Phihong	POE31U-1AT	N/A	N/A	Supplied by applicant

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	LAN Cable	1	6	N	0	Provided by Lab
2	LAN Cable	1	1.5	N	0	Provided by Lab
3	LAN Cable	1	1.5	N	0	Provided by Lab
4	LAN Cable	1	1.5	N	0	Provided by Lab
5	Power cord	1	1.8	N	0	Provided by Lab

4 Test Instruments

The calibration interval of the all test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.1 RF Output Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2025/5/23	2026/5/22
USB Power Sensor Anritsu	MA24408A	12994	2024/12/4	2025/12/3

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2025/7/25

4.2 Power Spectral Density

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2025/5/23	2026/5/22
Signal & Spectrum Analyzer R&S	FSW43	101582	2025/4/15	2026/4/14
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2025/7/25

4.3 6 dB Bandwidth

Refer to section 4.2 to get the tested date and information of the instruments.

4.4 Occupied Bandwidth

Refer to section 4.2 to get the tested date and information of the instruments.

4.5 AC Power Conducted Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
50 ohm terminal resistance	E1-011279	04	2024/11/28	2025/11/27
	E1-011280	05	2024/11/28	2025/11/27
	E1-011311	09	2024/11/28	2025/11/27
DC LISN Schwarzbeck	NNBM 8126G	8126G-069	2024/11/5	2025/11/4
EMI Test Receiver R&S	ESR3	102783	2024/12/17	2025/12/16
Fixed Attenuator STI	BNC5W10dB	PAD-COND2-01	2024/8/25	2025/8/24
LISN R&S	ESH2-Z5	100100	2025/3/5	2026/3/4
	ESH3-Z5	100312	2024/9/9	2025/9/8
RF Coaxial Cable Woken	5D-FB	Cable-cond2-01	2024/8/25	2025/8/24
Software BVADT	BVADT_Cond_ V7.4.1.0	N/A	N/A	N/A
V-LISN Schwarzbeck	NNBL 8226-2	8226-142	2024/8/28	2025/8/27

Notes:

1. The test was performed in HY - Conduction 2.
2. Tested Date: 2025/6/23

4.6 Unwanted Emissions below 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower Max-Full	MFT-151SS-0.5T	N/A	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-1213	2024/10/14	2025/10/13
EXA Signal Analyzer Agilent	N9010A	MY52220207	2024/12/30	2025/12/29
MXE EMI Receiver Keysight	N9038B	MY60180019	2025/1/15	2026/1/14
Preamplifier EMCI	EMC330N	980782	2025/1/14	2026/1/13
RF Coaxial Cable EMCI	EMCCFD400-NM-NM-500	201233	2025/1/14	2026/1/13
	EMCCFD400-NM-NM-3000	201235	2025/1/14	2026/1/13
	EMCCFD400-NM-NM-9000	201236(with PAD)	2025/1/14	2026/1/13
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MF-7802BS	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208674	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 8.
2. Tested Date: 2025/8/27

4.7 Unwanted Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower Max-Full	MFT-151SS-0.5T	N/A	N/A	N/A
EXA Signal Analyzer Agilent	N9010A	MY52220207	2024/12/30	2025/12/29
Horn Antenna RFSPIN	DRH18-E	210103A18E	2024/11/10	2025/11/9
Horn Antenna Schwarzbeck	BBHA 9170	9170-1049	2024/11/10	2025/11/9
MXE EMI Receiver Keysight	N9038B	MY60180019	2025/1/15	2026/1/14
Preamplifier EMCI	EMC118A45SE	980808	2024/12/26	2025/12/25
	EMC184045SE	980788	2025/1/14	2026/1/13
RF Coaxial Cable EMCI	EMC101G-KM-KM-2000	201254	2025/1/14	2026/1/13
	EMC101G-KM-KM-3000	201258	2025/1/14	2026/1/13
	EMC101G-KM-KM-5000	201261	2025/1/14	2026/1/13
	EMC104-SM-SM-1000	210102	2025/1/14	2026/1/13
	EMC104-SM-SM-3000	201231	2025/1/14	2026/1/13
	EMC104-SM-SM-9000	201243	2025/1/14	2026/1/13
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MF-7802BS	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208674	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 8.
2. Tested Date: 2025/7/14 ~ 2025/8/22

5 Limits of Test Items

5.1 RF Output Power

Operation Band	EUT Category	Limit
U-NII-1	Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p $\leq$ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
	Fixed point-to-point Access Points	1 Watt (30 dBm)
	Indoor Access Point	1 Watt (30 dBm)
	Client devices	250mW (24 dBm)

Operation Band	Limit
U-NII-3	1 Watt (30 dBm)

Per KDB 662911 D01 Multiple Transmitter Output 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.

5.2 Power Spectral Density

Operation Band	EUT Category	Limit
U-NII-1	Outdoor Access Point	17 dBm/MHz
	Fixed point-to-point Access Points	
	Indoor Access Point	
	Client devices	11 dBm/MHz

Operation Band	Limit
U-NII-3	30 dBm/500 kHz

5.3 6 dB Bandwidth

Within the 5.725-5.850 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

5.4 Occupied Bandwidth

The results are for reference only.

5.5 AC Power Conducted Emissions

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

Notes:

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 0.50 MHz.

5.6 Unwanted Emissions below 1 GHz

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

Notes:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).

5.7 Unwanted Emissions above 1 GHz

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)
Above 960	500	3

Notes:

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 1000 MHz, 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 20 dB 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 3 m	
	PK: 74 (dBμV/m)	AV: 54 (dBμV/m)

For transmitters operating in the 5.15-5.25 GHz band:

Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
15.407(b)(1)	PK: -27 (dBm/MHz)	PK: 68.2 (dBμV/m)

For transmitters operating in the 5.725-5.850 GHz band:

Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
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}
^{*1} beyond 75 MHz or more above of the band edge. ^{*2} below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above. ^{*3} below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above. ^{*4} from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.		

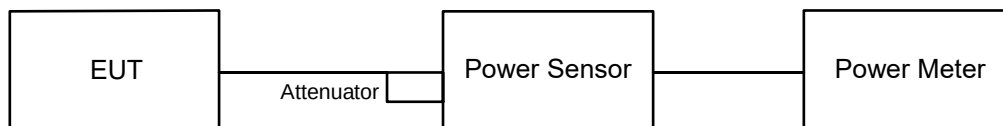
Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

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

6 Test Arrangements

6.1 RF Output Power

6.1.1 Test Setup

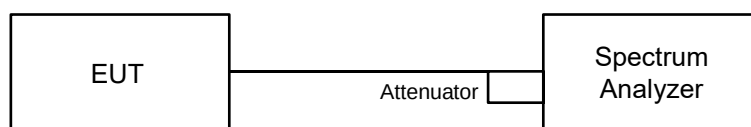


6.1.2 Test Procedure

Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst and set the detector to average. Duty factor is not added to measured value.

6.2 Power Spectral Density

6.2.1 Test Setup



6.2.2 Test Procedure

For specified measurement bandwidth 1 MHz:

Method SA-2

- Measure the duty cycle of the transmitter output signal.
- Set span to encompass the entire 99% OBW of the signal.
- Set RBW = 1 MHz, Set VBW $\geq$ 3 MHz, Detector = RMS.
- Number of points in sweep $\geq$ $[2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq$ RBW / 2, so that narrowband signals are not lost between frequency bins.)
- Sweep time = auto, trigger set to "free run".
- Trace average at least 100 traces in power averaging mode.
- Use the peak search function on the instrument to find the peak of the spectrum and record its value.
- Record the max value and add $10 \log (1/\text{duty cycle})$.

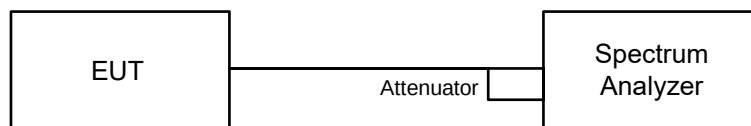
For specified measurement bandwidth 500 kHz:

Method SA-2

- Measure the duty cycle of the transmitter output signal.
- Set span to encompass the entire 99% OBW of the signal.
- Set RBW = 300 kHz, Set VBW $\geq$ 1 MHz, Detector = RMS.
- Scale the observed power level to an equivalent value in 500 kHz by adjusting (increasing) the measured power by a bandwidth correction factor (BWCF) where $\text{BWCF} = 10\log(500 \text{ kHz}/300 \text{ kHz})$.
- Sweep points $\geq$ $[2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq$ RBW / 2, so that narrowband signals are not lost between frequency bins.)
- Sweep time = auto, trigger set to "free run".
- Trace average at least 100 traces in power averaging mode.
- Use the peak search function on the instrument to find the peak of the spectrum and record its value.
- Record the max value and add $10 \log (1/\text{duty cycle})$.

6.3 6 dB Bandwidth

6.3.1 Test Setup

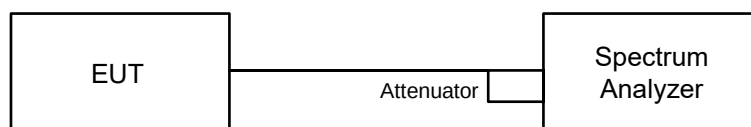


6.3.2 Test Procedure

- Set RBW = 100 kHz.
- Set the VBW $\geq [3 \times \text{RBW}]$.
- Detector = peak.
- Trace mode = max-hold.
- Sweep = No faster than coupled (auto) time.
- Allow the trace to stabilize.
- Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

6.4 Occupied Bandwidth

6.4.1 Test Setup



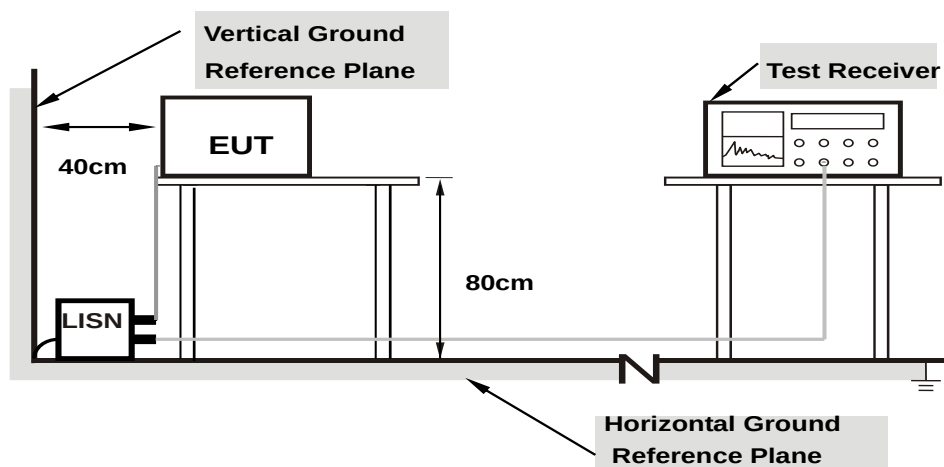
6.4.2 Test Procedure

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring 99% power bandwidth:

- The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.
- The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be at least three times the RBW, unless otherwise specified by the applicable requirement.
- Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than $[10 \log (\text{OBW}/\text{RBW})]$ below the reference level.
- Step a) through step c) might require iteration to adjust within the specified range.
- Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max-hold mode (until the trace stabilizes) shall be used.
- Use the 99% power bandwidth function of the instrument and report the measured bandwidth.

6.5 AC Power Conducted Emissions

6.5.1 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).

6.5.2 Test Procedure

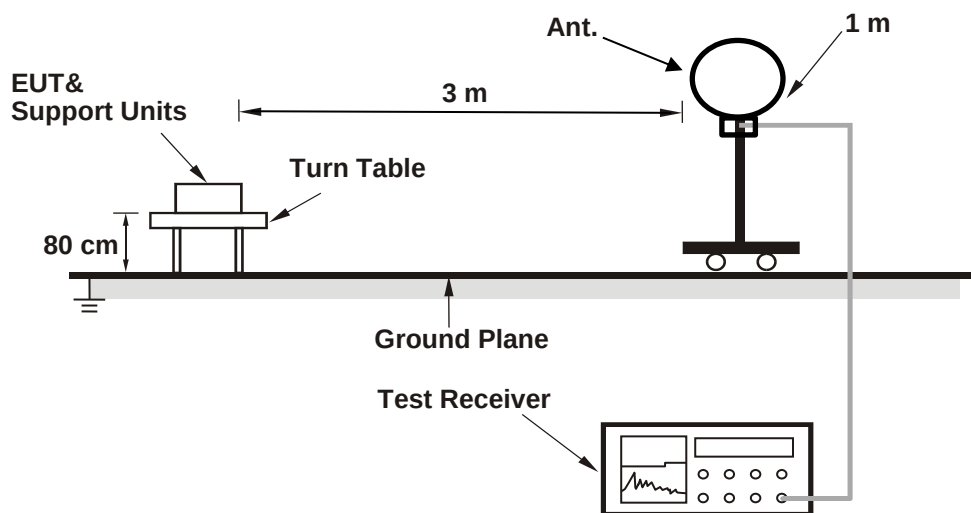
- Exploratory ac power-line conducted emission measurements: The EUT shall be operated on the mid channel and in the mode with highest output power unless the fundamental operates in the AC power-line emission test range then the EUT shall be operated in the range of typical modes of operation.
- The EUT was placed on a 0.8 meter to the top of table and 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/ 50 uH 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 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

Note: The resolution bandwidth and video bandwidth of test receiver is 9 kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15 MHz-30 MHz.

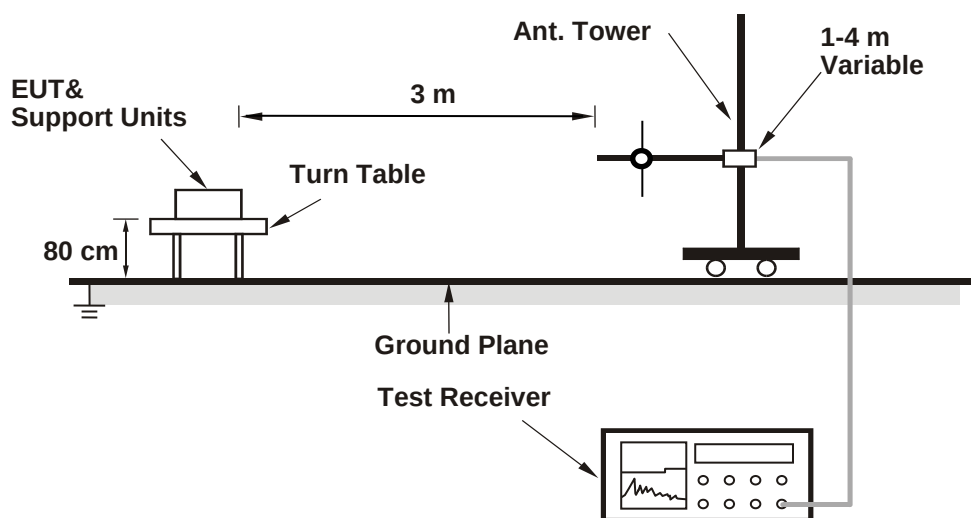
6.6 Unwanted Emissions below 1 GHz

6.6.1 Test Setup

For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



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

6.6.2 Test Procedure

For Radiated emission below 30 MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters 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. 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, except for the frequency band (9 kHz to 90 kHz and 110 kHz to 490 kHz) set to average detect function and peak detect function.

Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 200 Hz at frequency below 150 kHz.
2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz or 10 kHz at frequency (150 kHz to 30 MHz).
3. All modes of operation were investigated and the worst-case emissions are reported.

For Radiated emission above 30 MHz

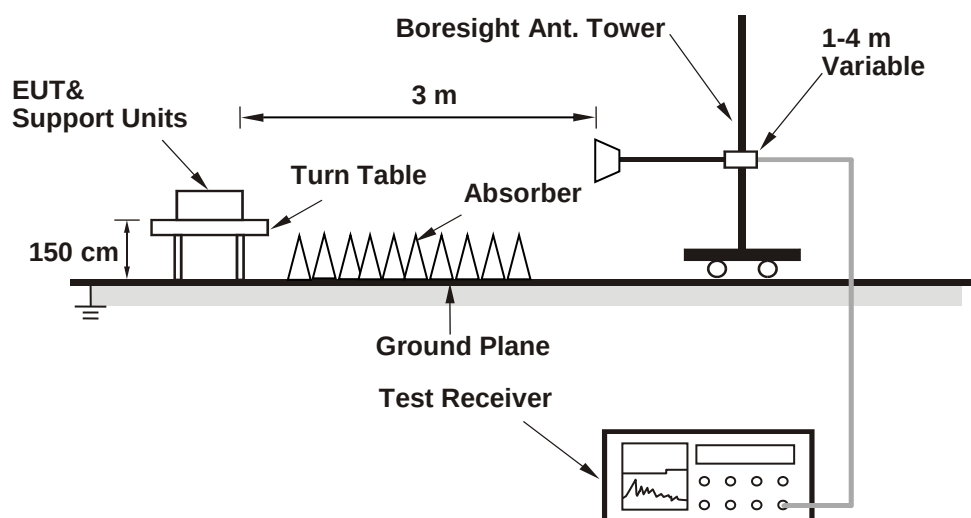
- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the 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(QP) detect function, Average(AV) detect function, Peak(PK) detect function and specified bandwidth with maximum hold mode when the test frequencies less than or equal to 1 GHz.

Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequency below 1 GHz.
2. All modes of operation were investigated and the worst-case emissions are reported.

6.7 Unwanted Emissions above 1 GHz

6.7.1 Test Setup



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

6.7.2 Test Procedure

- The EUT was placed on the top of a rotating table 1.5 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- 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.
- 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.
- The test-receiver system was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Notes:

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

7 Test Results of Test Item

7.1 RF Output Power

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Karl Lee
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802.11a

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Above 30 Deg. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1								
36	5180	6.73	6.36	9.035	9.56	24.95	11.05	115.061	20.61	21	Pass
40	5200	6.88	6.86	9.728	9.88	24.95	11.05	123.886	20.93	21	Pass
48	5240	6.51	7.02	9.512	9.78	24.95	11.05	121.136	20.83	21	Pass

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
149	5745	17.60	18.72	131.951	21.20	26.2	Pass
157	5785	17.81	18.82	136.603	21.35	26.2	Pass
165	5825	17.95	18.87	139.464	21.44	26.2	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-1, the maximum gain is 11.05 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (11.05 - 6) = 24.95$ dBm.
3. For U-NII-3, the maximum gain is 9.8 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (9.8 - 6) = 26.2$ dBm.
4. For U-NII-1, the gain of above 30 degrees from the horizon is 11.05 dBi, EIRP (dBm) = Average Power (dBm) + 11.05 dBi

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Above 30 Deg. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1								
36	5180	6.47	6.75	9.168	9.62	24.95	11.05	116.755	20.67	21	Pass
40	5200	6.46	6.92	9.346	9.71	24.95	11.05	119.022	20.76	21	Pass
48	5240	6.51	7.09	9.594	9.82	24.95	11.05	122.18	20.87	21	Pass

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
149	5745	17.62	18.48	128.279	21.08	26.2	Pass
157	5785	17.75	18.60	132.01	21.21	26.2	Pass
165	5825	17.95	19.01	141.989	21.52	26.2	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-1, the maximum gain is 11.05 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (11.05 - 6) = 24.95$ dBm.
3. For U-NII-3, the maximum gain is 9.8 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (9.8 - 6) = 26.2$ dBm.
4. For U-NII-1, the gain of above 30 degrees from the horizon is 11.05 dBi, EIRP (dBm) = Average Power (dBm) + 11.05 dBi

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Above 30 Deg. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1								
38	5190	6.36	7.24	9.622	9.83	24.95	11.05	122.536	20.88	21	Pass
46	5230	6.62	7.06	9.674	9.86	24.95	11.05	123.199	20.91	21	Pass

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
151	5755	20.77	20.62	234.744	23.71	26.2	Pass
159	5795	20.34	19.62	199.765	23.01	26.2	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-1, the maximum gain is 11.05 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (11.05 - 6) = 24.95$ dBm.
3. For U-NII-3, the maximum gain is 9.8 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (9.8 - 6) = 26.2$ dBm.
4. For U-NII-1, the gain of above 30 degrees from the horizon is 11.05 dBi, EIRP (dBm) = Average Power (dBm) + 11.05 dBi

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Above 30 Deg. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1								
42	5210	6.45	6.89	9.302	9.69	24.95	11.05	118.461	20.74	21	Pass

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
155	5775	21.60	21.53	286.777	24.58	26.2	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-1, the maximum gain is 11.05 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (11.05 - 6) = 24.95$ dBm.
3. For U-NII-3, the maximum gain is 9.8 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (9.8 - 6) = 26.2$ dBm.
4. For U-NII-1, the gain of above 30 degrees from the horizon is 11.05 dBi, $EIRP \text{ (dBm)} = \text{Average Power (dBm)} + 11.05 \text{ dBi}$

7.2 Power Spectral Density

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Karl Lee
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802.11a

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
36	5180	-4.68	-5.04	0.20	-1.65	9.24	Pass
40	5200	-4.63	-4.49	0.20	-1.35	9.24	Pass
48	5240	-4.50	-4.07	0.20	-1.07	9.24	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-1, the directional gain is 13.76 dBi > 6dBi, so the power density limit shall be reduced to $17 - (13.76 - 6) = 9.24$ dBm/MHz.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
36	5180	-5.83	-5.44	0.52	-2.10	9.24	Pass
40	5200	-5.77	-5.23	0.52	-1.96	9.24	Pass
48	5240	-4.97	-4.23	0.52	-1.05	9.24	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-1, the directional gain is 13.76 dBi > 6dBi, so the power density limit shall be reduced to $17 - (13.76 - 6) = 9.24$ dBm/MHz.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
38	5190	-9.04	-8.11	0.19	-5.35	9.24	Pass
46	5230	-8.73	-7.95	0.19	-5.12	9.24	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-1, the directional gain is 13.76 dBi > 6dBi, so the power density limit shall be reduced to $17 - (13.76 - 6) = 9.24$ dBm/MHz.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
42	5210	-11.14	-10.79	0.19	-7.76	9.24	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-1, the directional gain is 13.76 dBi > 6dBi, so the power density limit shall be reduced to $17 - (13.76 - 6) = 9.24$ dBm/MHz.

802.11a

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
149	5745	-2.23	-1.69	1.06	0.2	3.48	23.22	Pass
157	5785	-2.22	-1.61	1.11	0.2	3.53	23.22	Pass
165	5825	-1.55	-1.00	1.74	0.2	4.16	23.22	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-3, the directional gain is 12.78 dBi > 6 dBi, so the power density limit shall be reduced to $30 - (12.78 - 6) = 23.22$ dBm/500kHz.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
149	5745	-3.37	-2.69	-0.01	0.52	2.73	23.22	Pass
157	5785	-3.34	-2.63	0.04	0.52	2.78	23.22	Pass
165	5825	-2.89	-2.23	0.46	0.52	3.20	23.22	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-3, the directional gain is 12.78 dBi > 6 dBi, so the power density limit shall be reduced to $30 - (12.78 - 6) = 23.22$ dBm/500kHz.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
151	5755	-2.89	-3.05	0.04	0.19	2.45	23.22	Pass
159	5795	-3.07	-3.24	-0.14	0.19	2.27	23.22	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-3, the directional gain is 12.78 dBi > 6 dBi, so the power density limit shall be reduced to $30 - (12.78 - 6) = 23.22$ dBm/500kHz.

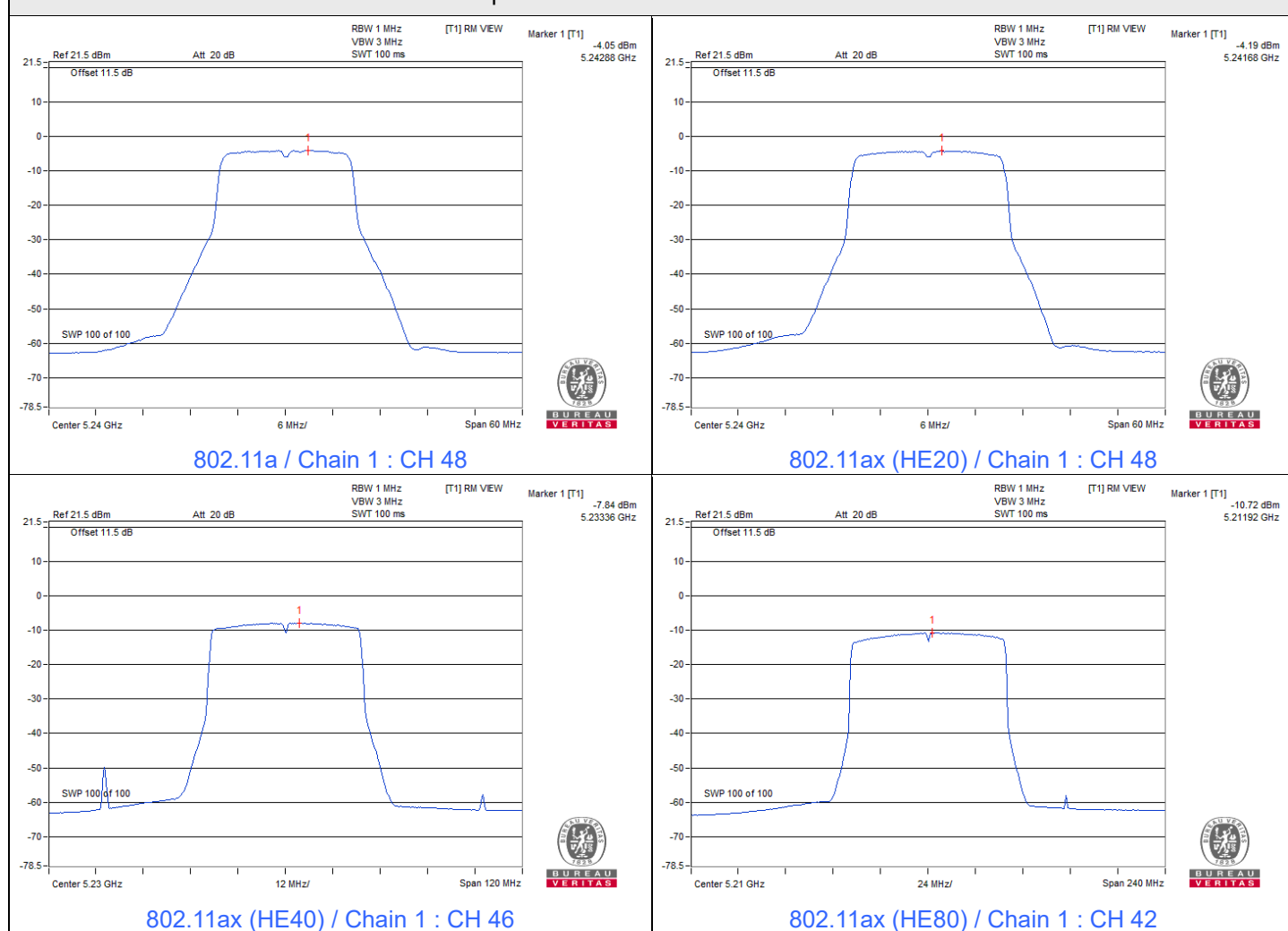
802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
155	5775	-6.04	-6.45	-3.23	0.19	-0.82	23.22	Pass

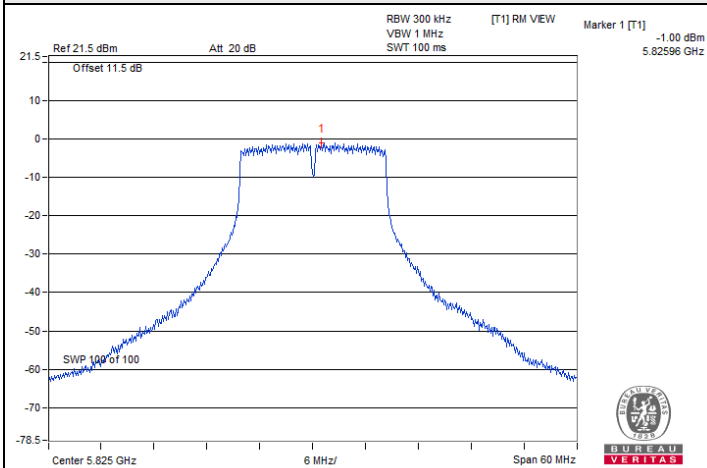
Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
3. For U-NII-3, the directional gain is 12.78 dBi > 6 dBi, so the power density limit shall be reduced to $30 - (12.78 - 6) = 23.22$ dBm/500kHz.

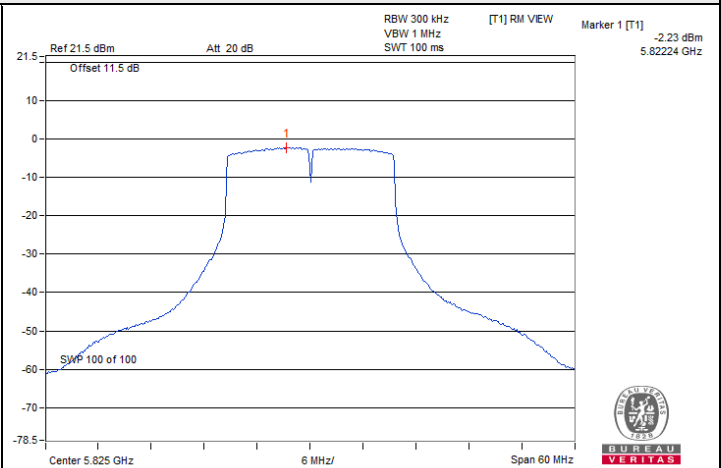
Spectrum Plot of Maximum Value



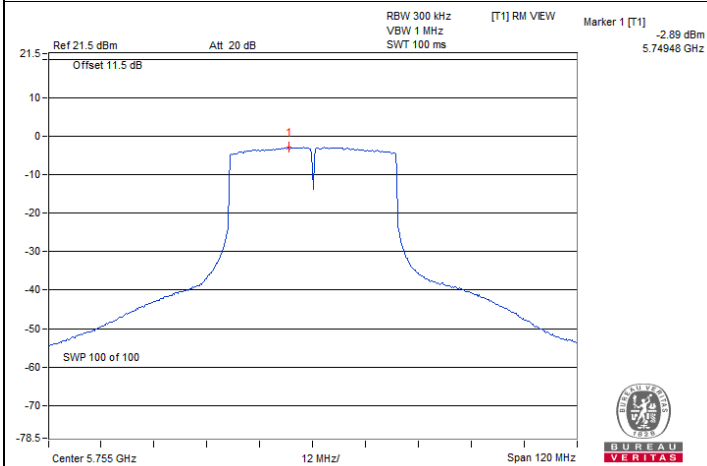
Spectrum Plot of Maximum Value



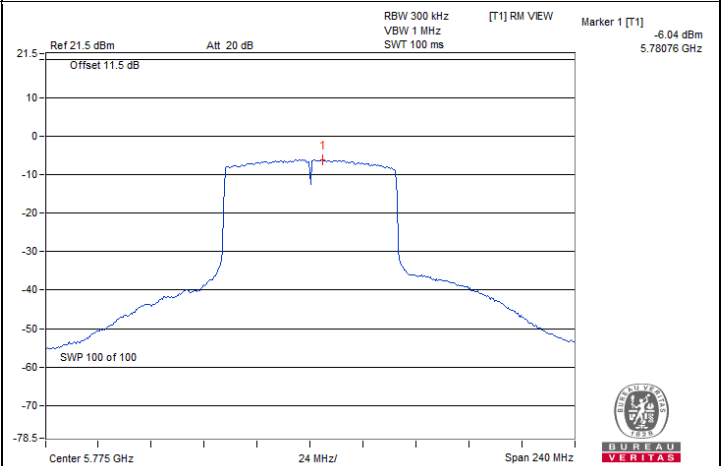
802.11a / Chain 1 : CH 165



802.11ax (HE20) / Chain 1 : CH 165



802.11ax (HE40) / Chain 0 : CH 151



802.11ax (HE80) / Chain 0 : CH 155

7.3 6 dB Bandwidth

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Karl Lee
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802.11a

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
149	5745	15.79	16.34	0.5	Pass
157	5785	15.87	16.34	0.5	Pass
165	5825	15.76	16.11	0.5	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
149	5745	18.05	18.82	0.5	Pass
157	5785	18.45	18.83	0.5	Pass
165	5825	18.61	18.24	0.5	Pass

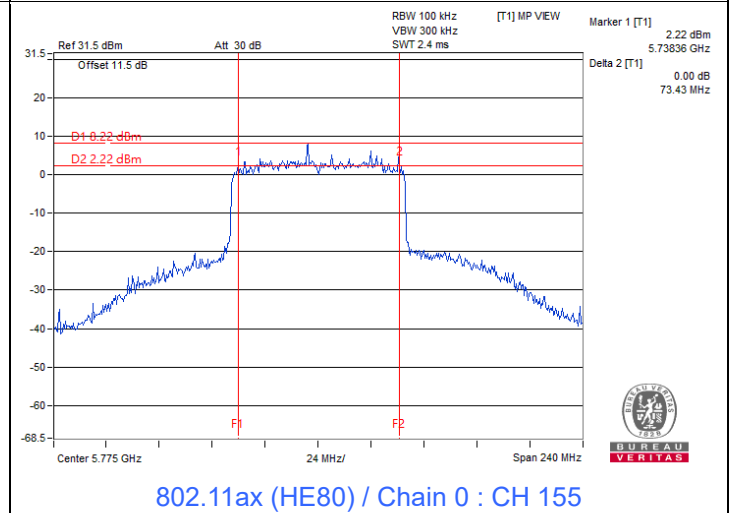
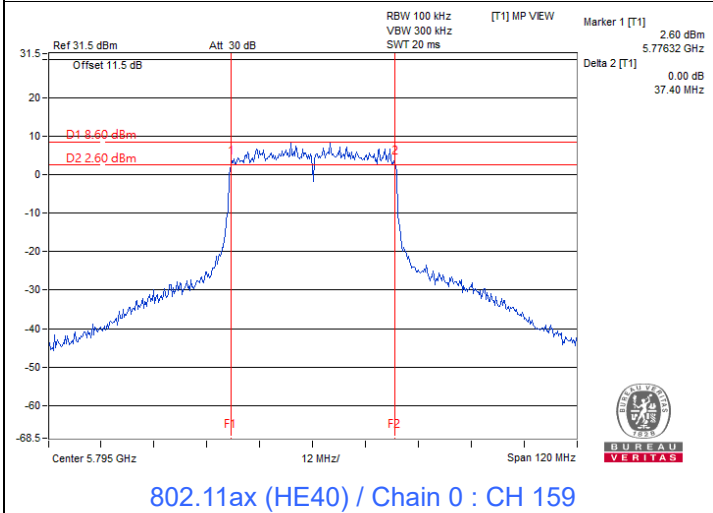
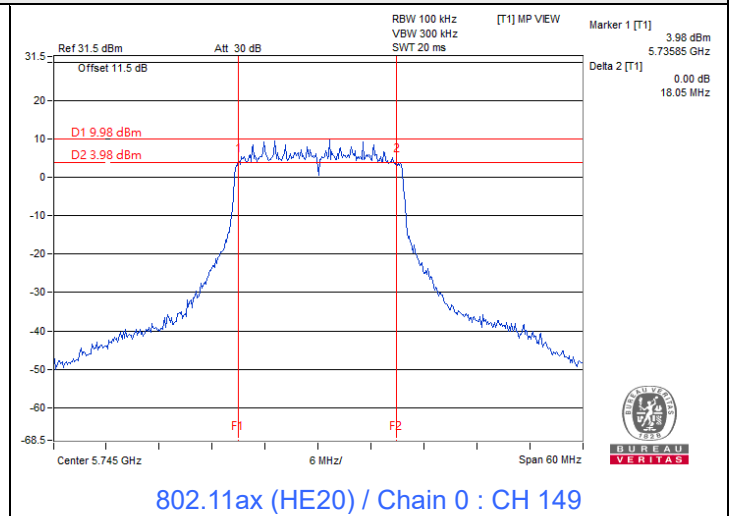
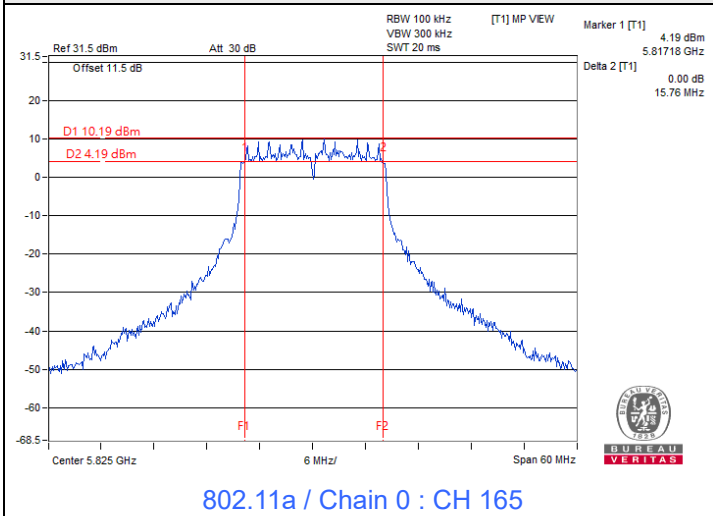
802.11ax (HE40)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
151	5755	37.69	37.97	0.5	Pass
159	5795	37.40	37.44	0.5	Pass

802.11ax (HE80)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
155	5775	73.43	76.47	0.5	Pass

Spectrum Plot of Minimum Value



7.4 Occupied Bandwidth

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Karl Lee
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802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	16.56	16.44
40	5200	16.44	16.44
48	5240	16.44	16.44
149	5745	16.44	16.44
157	5785	16.44	16.44
165	5825	16.44	16.44

802.11ax (HE20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	18.96	18.96
40	5200	18.96	18.96
48	5240	18.96	19.08
149	5745	18.96	18.96
157	5785	19.08	19.08
165	5825	18.84	18.96

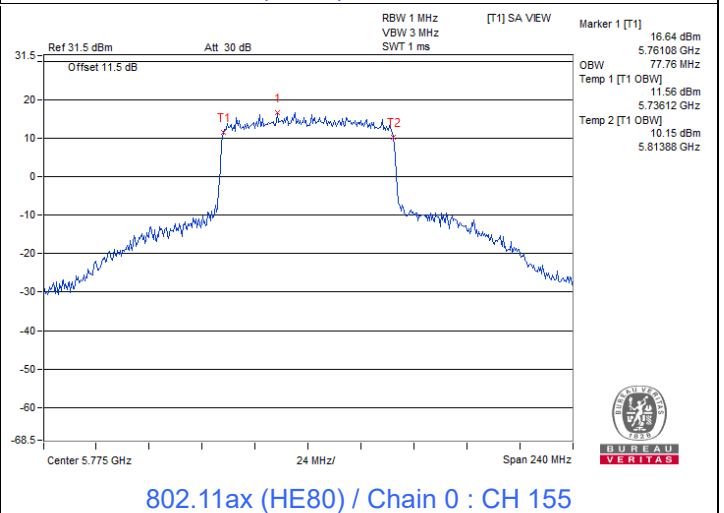
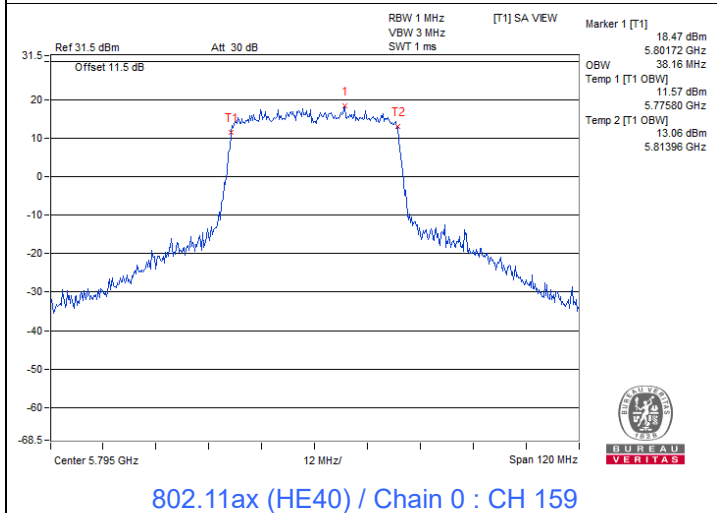
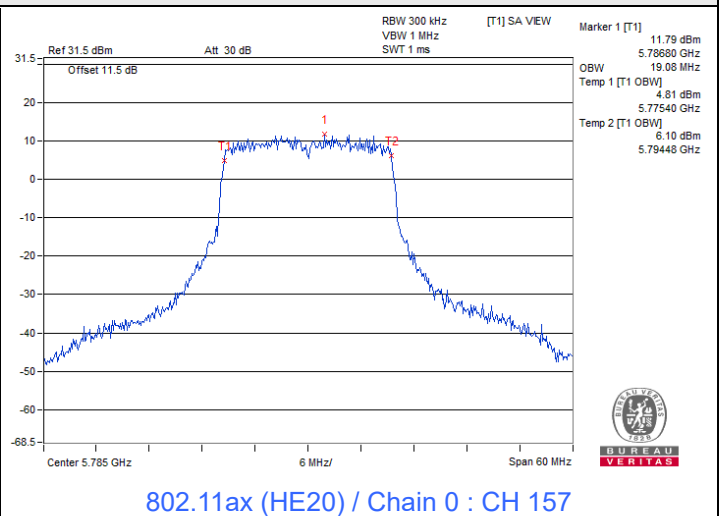
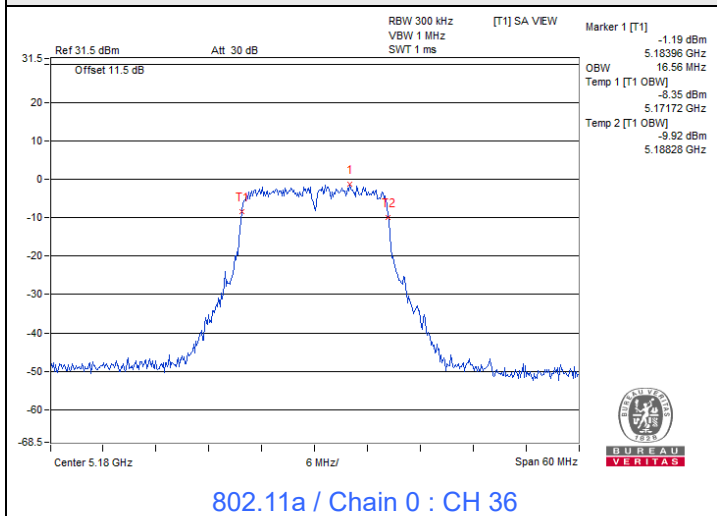
802.11ax (HE40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
38	5190	37.92	37.92
46	5230	37.92	37.92
151	5755	37.92	37.92
159	5795	38.16	38.16

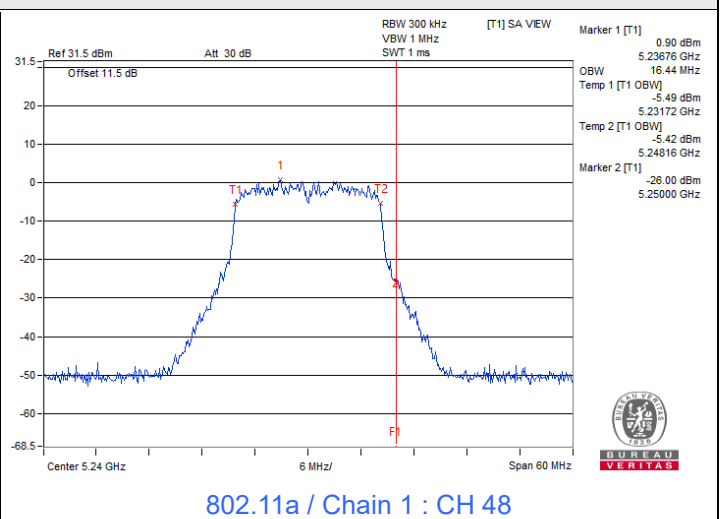
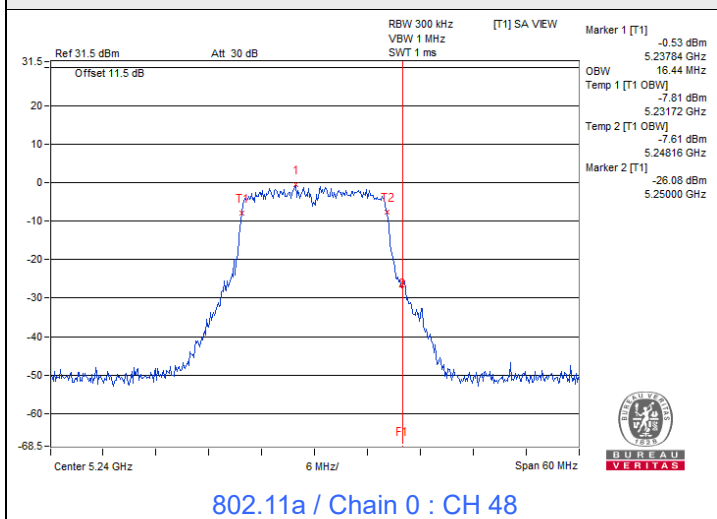
802.11ax (HE80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
42	5210	77.28	77.28
155	5775	77.76	77.28

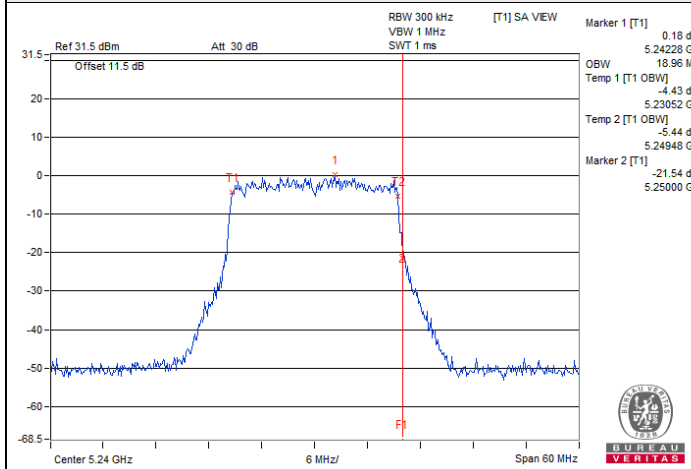
Spectrum Plot of Maximum Value



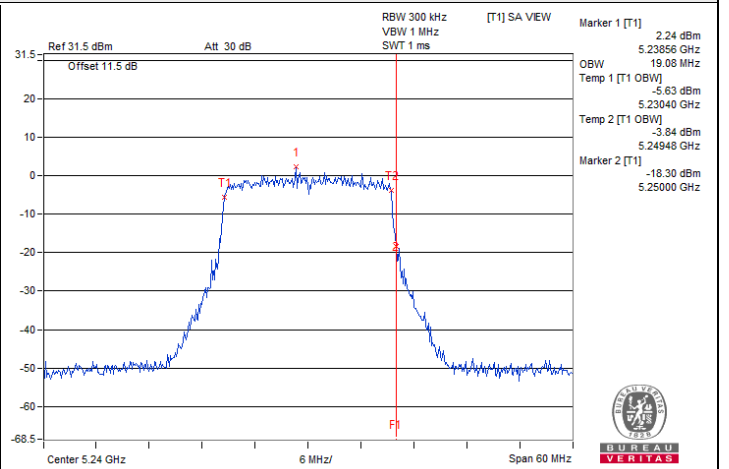
Spectrum Plot for nearby DFS band (DFS is required, if 99% OCP straddle into U-NII-2A)



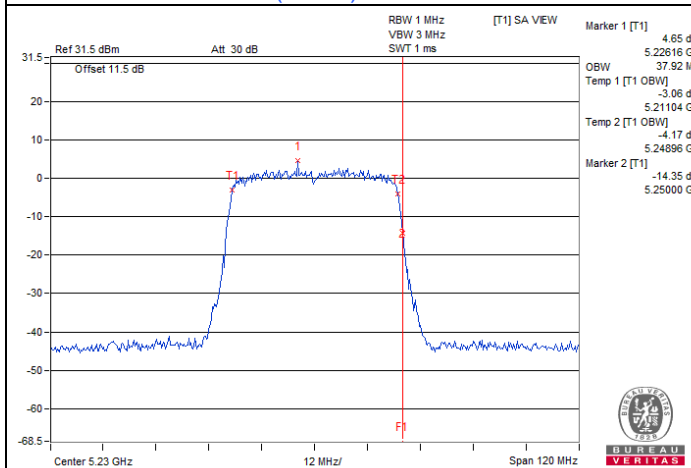
Spectrum Plot for nearby DFS band (DFS is required, if 99% OCP straddle into U-NII-2A)



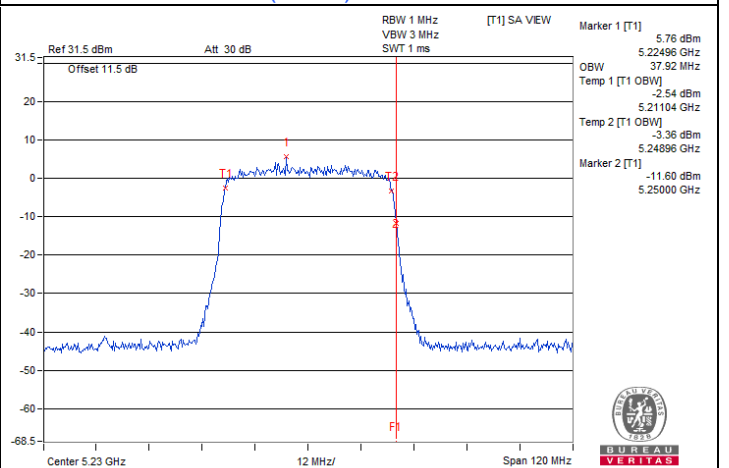
802.11ax (HE20) / Chain 0 : CH 48



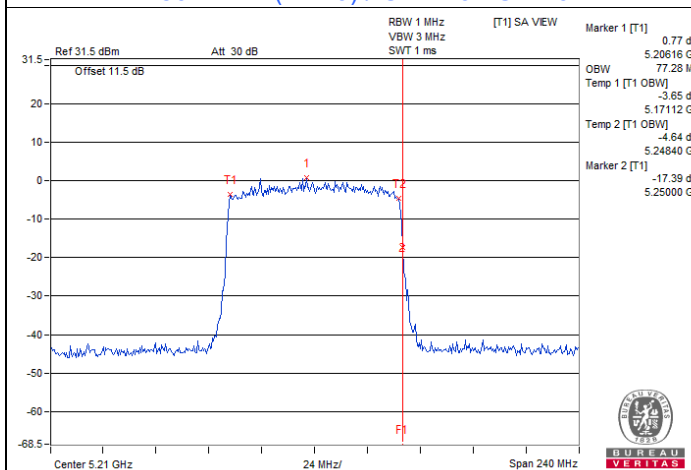
802.11ax (HE20) / Chain 1 : CH 48



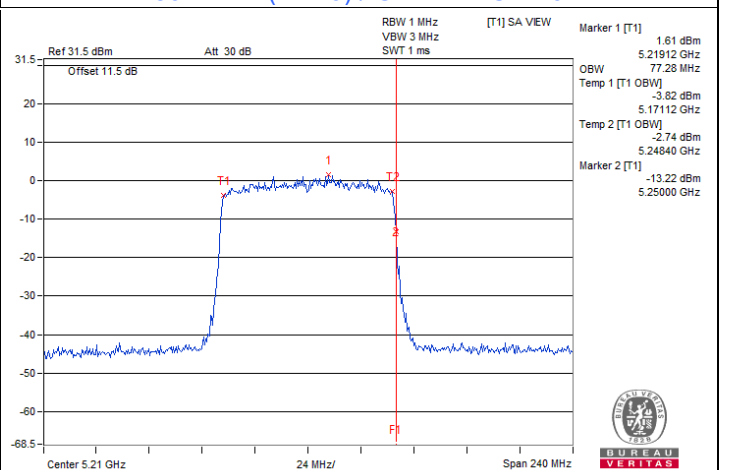
802.11ax (HE40) / Chain 0 : CH 46



802.11ax (HE40) / Chain 1 : CH 46

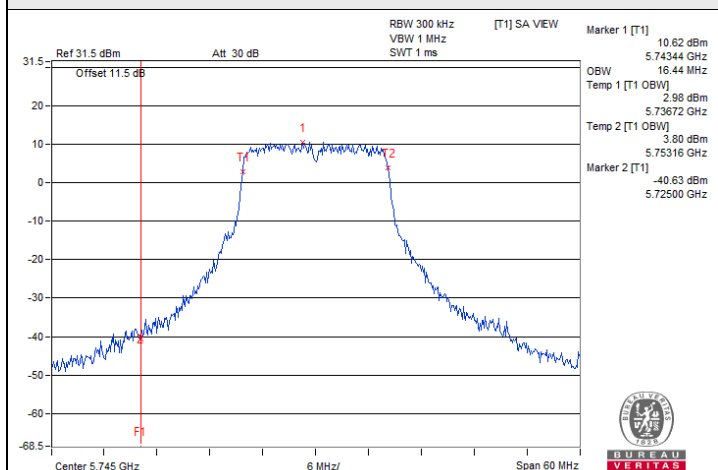


802.11ax (HE80) / Chain 0 : CH 42

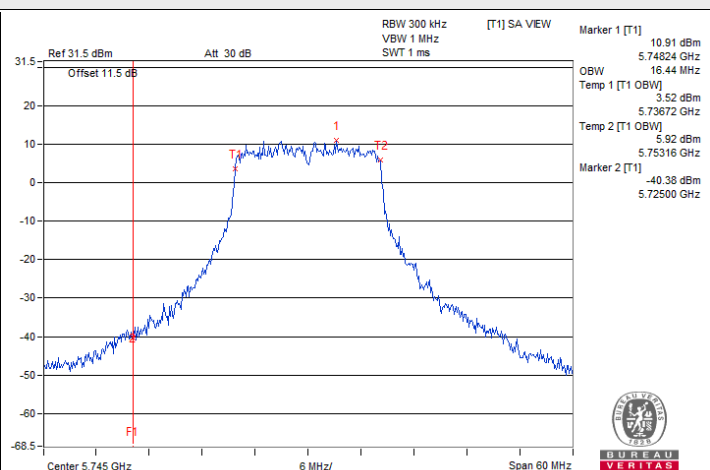


802.11ax (HE80) / Chain 1 : CH 42

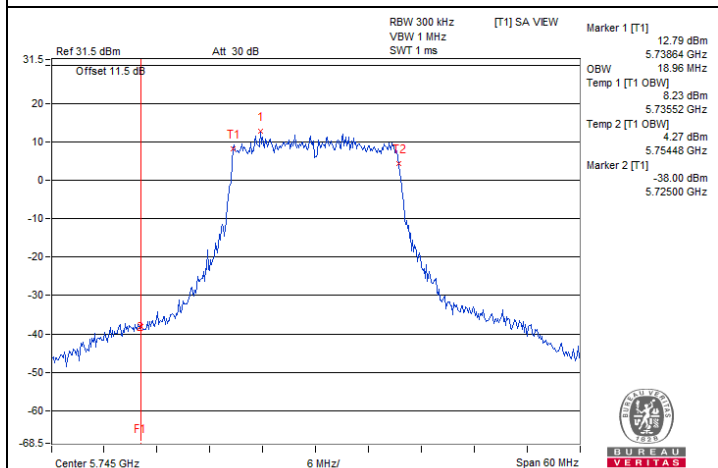
Spectrum Plot for nearby DFS band (DFS is required, if 99% OCP straddle into U-NII-2C)



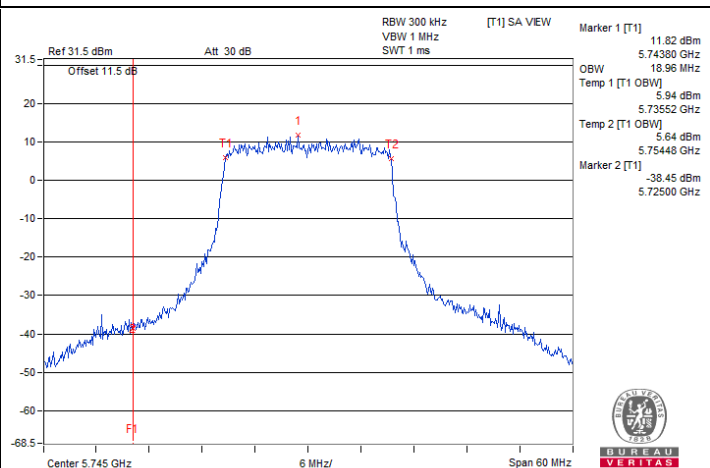
802.11a / Chain 0 : CH 149



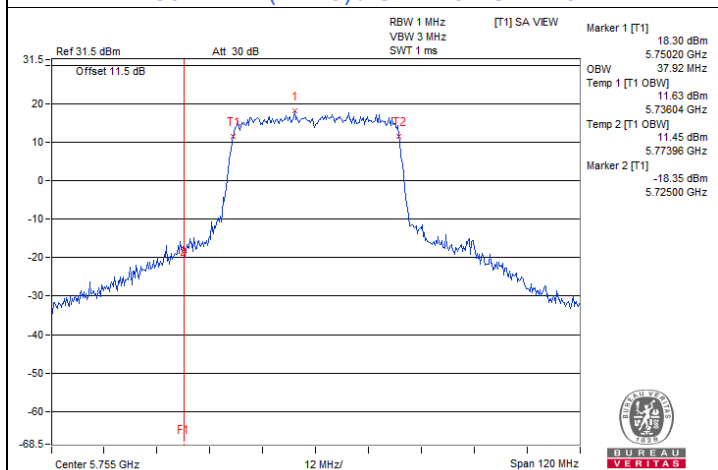
802.11a / Chain 1 : CH 149



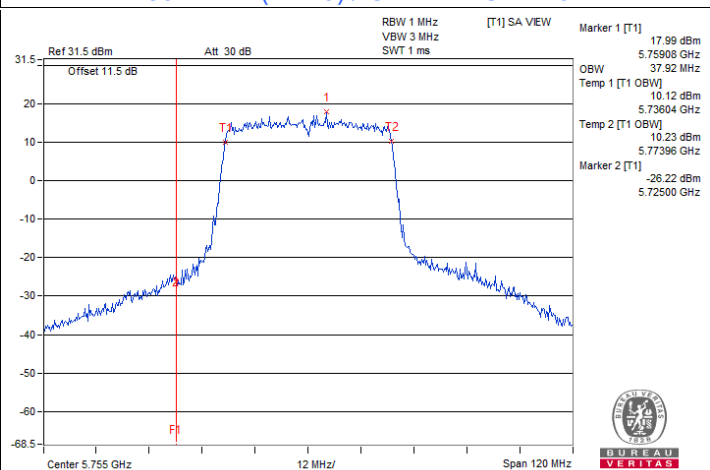
802.11ax (HE20) / Chain 0 : CH 149



802.11ax (HE20) / Chain 1 : CH 149

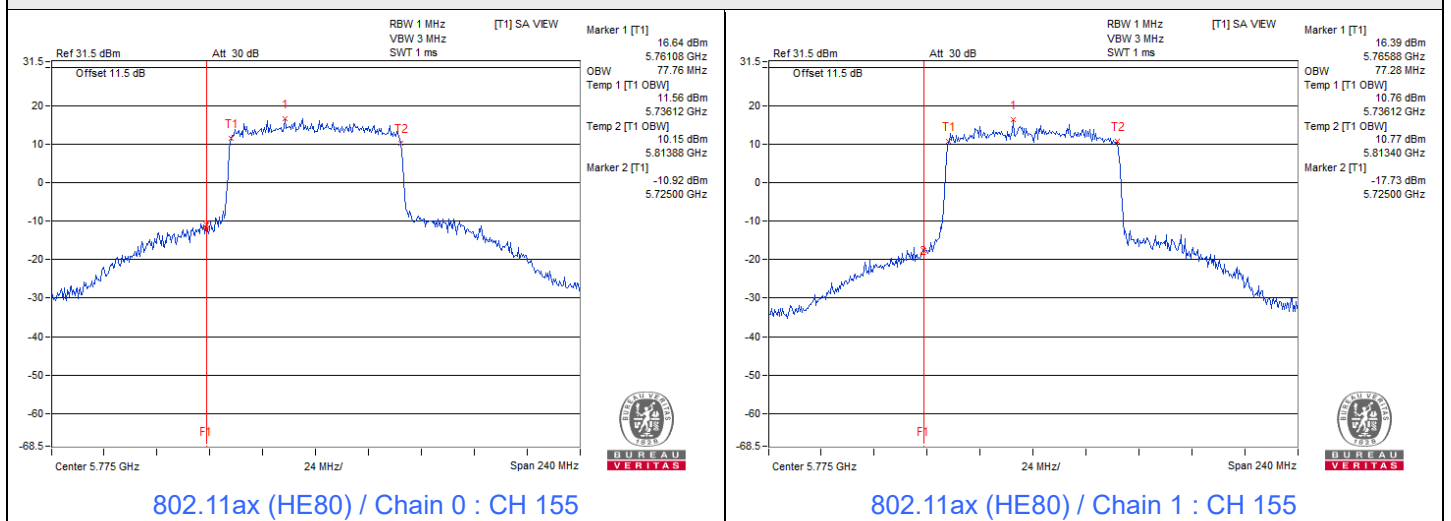


802.11ax (HE40) / Chain 0 : CH 151



802.11ax (HE40) / Chain 1 : CH 151

Spectrum Plot for nearby DFS band (DFS is required, if 99% OCP straddle into U-NII-2C)



7.5 AC Power Conducted Emissions

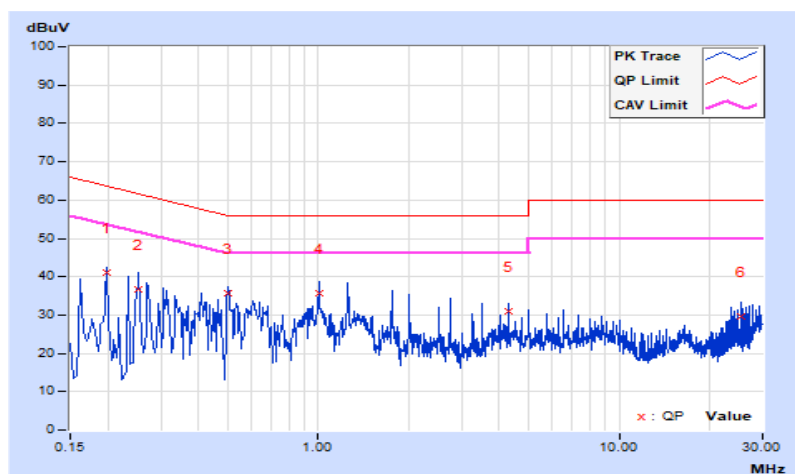
Mode A

RF Mode	802.11ax (HE80)	Channel	CH 155 : 5775 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Adair Peng		

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.19800	10.27	30.90	12.23	41.17	22.50	63.69	53.69	-22.52	-31.19
2	0.25400	10.28	26.35	21.31	36.63	31.59	61.63	51.63	-25.00	-20.04
3	0.50133	10.30	25.55	24.44	35.85	34.74	56.00	46.00	-20.15	-11.26
4	1.00600	10.33	25.42	23.69	35.75	34.02	56.00	46.00	-20.25	-11.98
5	4.27000	10.42	20.43	19.07	30.85	29.49	56.00	46.00	-25.15	-16.51
6	25.36600	10.55	18.95	16.56	29.50	27.11	60.00	50.00	-30.50	-22.89

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

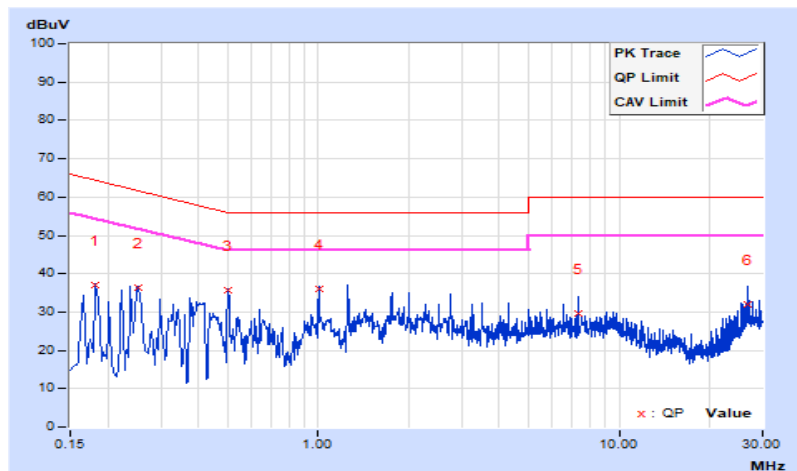


RF Mode	802.11ax (HE80)	Channel	CH 155 : 5775 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Adair Peng		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.18200	10.30	26.69	8.51	36.99	18.81	64.39	54.39	-27.40	-35.58
2	0.25400	10.31	26.21	21.83	36.52	32.14	61.63	51.63	-25.11	-19.49
3	0.50200	10.33	25.23	25.12	35.56	35.45	56.00	46.00	-20.44	-10.55
4	1.00600	10.36	25.55	24.23	35.91	34.59	56.00	46.00	-20.09	-11.41
5	7.28200	10.51	19.20	16.52	29.71	27.03	60.00	50.00	-30.29	-22.97
6	26.87000	10.75	21.17	17.25	31.92	28.00	60.00	50.00	-28.08	-22.00

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



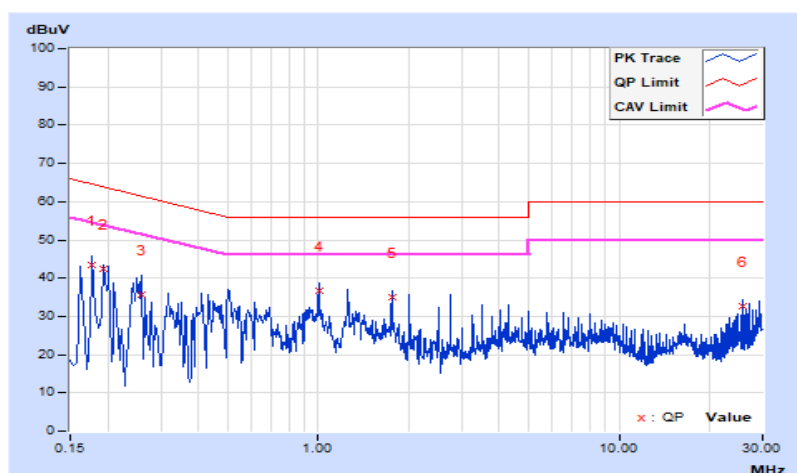
Mode B

RF Mode	802.11ax (HE80)	Channel	CH 155 : 5775 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Adair Peng		

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.17800	10.26	33.20	11.44	43.46	21.70	64.58	54.58	-21.12	-32.88
2	0.19400	10.27	32.14	12.31	42.41	22.58	63.86	53.86	-21.45	-31.28
3	0.25800	10.28	25.35	12.67	35.63	22.95	61.50	51.50	-25.87	-28.55
4	1.00600	10.33	26.41	24.64	36.74	34.97	56.00	46.00	-19.26	-11.03
5	1.75800	10.36	24.66	23.51	35.02	33.87	56.00	46.00	-20.98	-12.13
6	25.87000	10.54	22.05	12.07	32.59	22.61	60.00	50.00	-27.41	-27.39

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

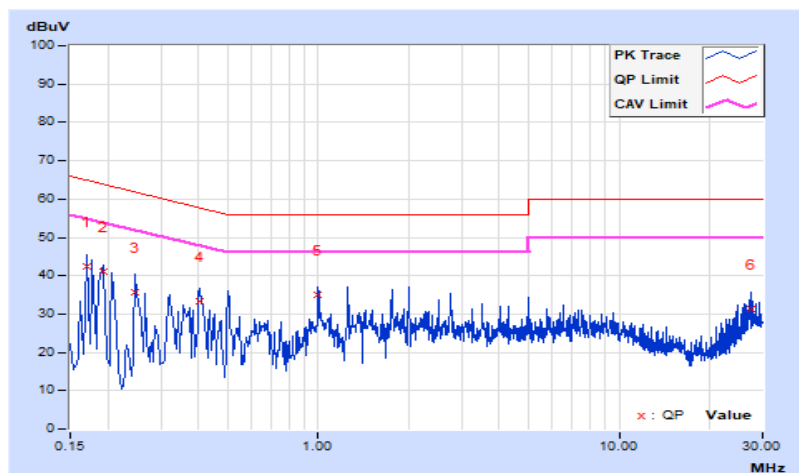


RF Mode	802.11ax (HE80)	Channel	CH 155 : 5775 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Adair Peng		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.17000	10.30	32.26	6.09	42.56	16.39	64.96	54.96	-22.40	-38.57
2	0.19367	10.30	30.80	9.43	41.10	19.73	63.88	53.88	-22.78	-34.15
3	0.24600	10.30	25.43	17.06	35.73	27.36	61.89	51.89	-26.16	-24.53
4	0.40600	10.32	23.08	11.50	33.40	21.82	57.73	47.73	-24.33	-25.91
5	1.00200	10.36	24.78	23.30	35.14	33.66	56.00	46.00	-20.86	-12.34
6	27.37000	10.75	20.68	11.74	31.43	22.49	60.00	50.00	-28.57	-27.51

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



7.6 Unwanted Emissions below 1 GHz

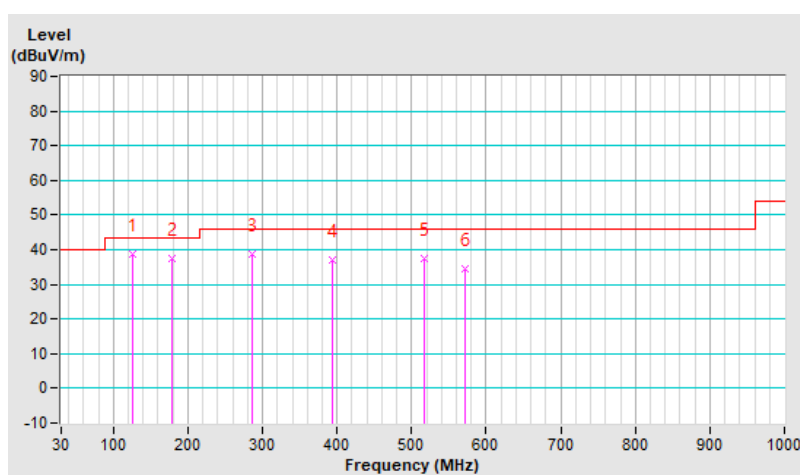
Mode A

RF Mode	802.11ax (HE80)	Channel	CH 155 : 5775 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	126.17	38.6 QP	43.5	-4.9	1.53 H	198	53.0	-14.4
2	178.23	37.6 QP	43.5	-5.9	1.96 H	227	51.6	-14.0
3	285.36	38.6 QP	46.0	-7.4	2.09 H	174	51.1	-12.5
4	393.52	36.9 QP	46.0	-9.1	1.21 H	175	46.6	-9.7
5	517.13	37.4 QP	46.0	-8.6	1.08 H	196	44.4	-7.0
6	572.25	34.3 QP	46.0	-11.7	2.06 H	75	39.8	-5.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.
6. Radiated emissions were evaluated with RF module off to determine whether failing results were originating from the RF module. After verification, there listed frequencies 85.35MHz (Horizontal) / 33.92MHz (Vertical) / 80.42MHz (Vertical) are failing have been identified as coming from unintentional emission signal brought out by the power supply. All unintentional emissions are addressed in the test report no. FDBCIC-WTW-P25040167_Peplink_AP One Flex, APO-FLX_FCC 15B.

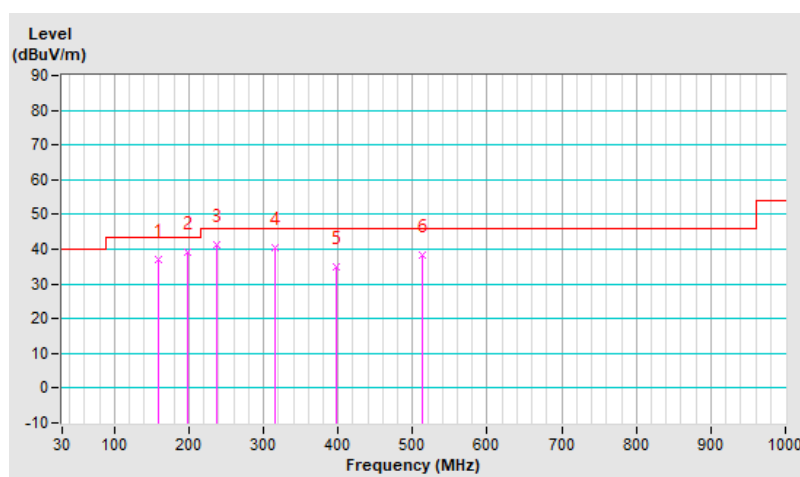


RF Mode	802.11ax (HE80)	Channel	CH 155 : 5775 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	159.67	37.1 QP	43.5	-6.4	1.56 V	142	49.7	-12.6
2	198.23	39.2 QP	43.5	-4.3	1.94 V	246	55.5	-16.3
3	238.14	41.2 QP	46.0	-4.8	2.31 V	145	55.7	-14.5
4	314.79	40.6 QP	46.0	-5.4	1.94 V	207	52.2	-11.6
5	397.13	34.8 QP	46.0	-11.2	1.58 V	14	44.4	-9.6
6	512.46	38.3 QP	46.0	-7.7	1.04 V	27	45.4	-7.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.
6. Radiated emissions were evaluated with RF module off to determine whether failing results were originating from the RF module. After verification, there listed frequencies 85.35MHz (Horizontal) / 33.92MHz (Vertical) / 80.42MHz (Vertical) are failing have been identified as coming from unintentional emission signal brought out by the power supply. All unintentional emissions are addressed in the test report no. FDBCIC-WTW-P25040167_Peplink_AP One Flex, APO-FLX_FCC 15B.



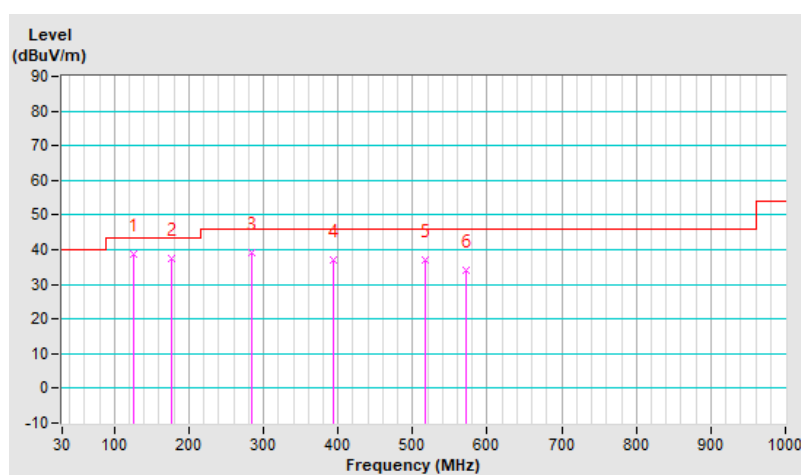
Mode B

RF Mode	802.11ax (HE80)	Channel	CH 155 : 5775 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	126.03	38.9 QP	43.5	-4.6	1.57 H	204	53.3	-14.4
2	177.44	37.5 QP	43.5	-6.0	1.96 H	230	51.5	-14.0
3	284.14	39.1 QP	46.0	-6.9	2.14 H	183	51.6	-12.5
4	392.78	37.1 QP	46.0	-8.9	1.08 H	173	46.8	-9.7
5	516.94	37.1 QP	46.0	-8.9	1.12 H	193	44.1	-7.0
6	571.26	34.0 QP	46.0	-12.0	2.01 H	69	39.5	-5.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.
6. Radiated emissions were evaluated with RF module off to determine whether failing results were originating from the RF module. After verification, there listed frequencies 85.35MHz (Horizontal) / 33.92MHz (Vertical) / 80.42MHz (Vertical) are failing have been identified as coming from unintentional emission signal brought out by the power supply. All unintentional emissions are addressed in the test report no. FDBCIC-WTW-P25040167_Peplink_AP One Flex, APO-FLX_FCC 15B.

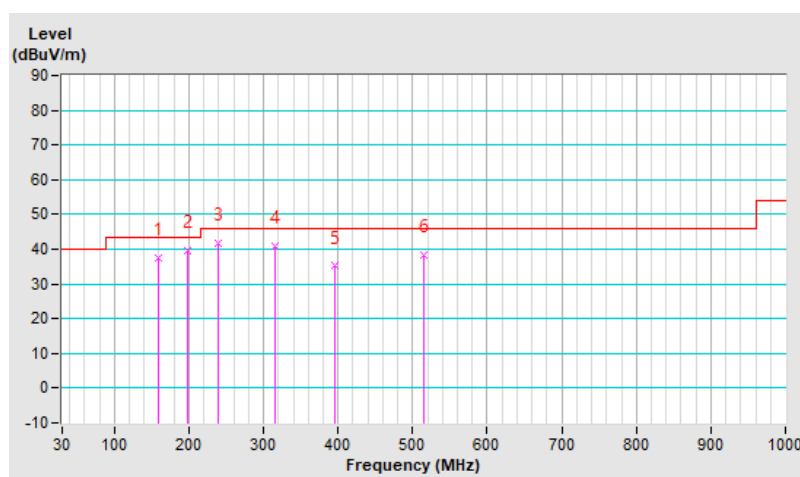


RF Mode	802.11ax (HE80)	Channel	CH 155 : 5775 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	159.98	37.5 QP	43.5	-6.0	1.53 V	146	50.1	-12.6
2	197.81	39.5 QP	43.5	-4.0	1.96 V	250	55.8	-16.3
3	238.55	41.5 QP	46.0	-4.5	2.21 V	140	56.0	-14.5
4	315.18	40.8 QP	46.0	-5.2	1.96 V	204	52.4	-11.6
5	396.66	35.1 QP	46.0	-10.9	1.63 V	28	44.7	-9.6
6	515.00	38.2 QP	46.0	-7.8	1.20 V	28	45.2	-7.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.
6. Radiated emissions were evaluated with RF module off to determine whether failing results were originating from the RF module. After verification, there listed frequencies 85.35MHz (Horizontal) / 33.92MHz (Vertical) / 80.42MHz (Vertical) are failing have been identified as coming from unintentional emission signal brought out by the power supply. All unintentional emissions are addressed in the test report no. FDBCIC-WTW-P25040167_Peplink_AP One Flex, APO-FLX_FCC 15B.



7.7 Unwanted Emissions above 1 GHz

Mode A

RF Mode	802.11a	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4816.50	62.1 PK	74.0	-11.9	1.00 H	294	60.0	2.1
2	4816.50	47.4 AV	54.0	-6.6	1.00 H	294	45.3	2.1
3	*5180.00	104.3 PK			1.00 H	294	64.1	40.2
4	*5180.00	93.6 AV			1.00 H	294	53.4	40.2
5	#10360.00	57.9 PK	68.2	-10.3	1.84 H	153	49.1	8.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4816.80	72.5 PK	74.0	-1.5	1.94 V	44	70.4	2.1
2	4816.80	47.8 AV	54.0	-6.2	1.94 V	44	45.7	2.1
3	*5180.00	115.3 PK			1.94 V	44	75.1	40.2
4	*5180.00	104.9 AV			1.94 V	44	64.7	40.2
5	#10360.00	62.1 PK	68.2	-6.1	1.09 V	243	53.3	8.8

Remarks:

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

RF Mode	802.11a	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4834.20	58.8 PK	74.0	-15.2	1.11 H	292	56.8	2.0
2	4834.20	45.3 AV	54.0	-8.7	1.11 H	292	43.3	2.0
3	*5200.00	104.5 PK			1.11 H	292	64.3	40.2
4	*5200.00	94.0 AV			1.11 H	292	53.8	40.2
5	#10400.00	56.1 PK	68.2	-12.1	1.82 H	153	47.2	8.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4833.12	73.0 PK	74.0	-1.0	2.14 V	122	71.0	2.0
2	4833.12	47.4 AV	54.0	-6.6	2.14 V	122	45.4	2.0
3	*5200.00	116.1 PK			2.14 V	122	75.9	40.2
4	*5200.00	105.9 AV			2.14 V	122	65.7	40.2
5	#10400.00	60.0 PK	68.2	-8.2	1.09 V	243	51.1	8.9

Remarks:

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

RF Mode	802.11a	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4863.84	61.9 PK	74.0	-12.1	1.01 H	292	59.8	2.1
2	4863.84	45.3 AV	54.0	-8.7	1.01 H	292	43.2	2.1
3	*5240.00	105.6 PK			1.01 H	292	65.5	40.1
4	*5240.00	94.6 AV			1.01 H	292	54.5	40.1
5	#10480.00	57.3 PK	68.2	-10.9	1.82 H	153	48.3	9.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4871.52	67.3 PK	74.0	-6.7	2.28 V	188	65.2	2.1
2	4871.52	46.2 AV	54.0	-7.8	2.28 V	188	44.1	2.1
3	*5240.00	116.1 PK			2.28 V	188	76.0	40.1
4	*5240.00	106.2 AV			2.28 V	188	66.1	40.1
5	#10480.00	61.5 PK	68.2	-6.7	1.09 V	243	52.5	9.0

Remarks:

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

RF Mode	802.11ax (HE20)	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4816.80	61.2 PK	74.0	-12.8	1.00 H	294	59.1	2.1
2	4816.80	46.9 AV	54.0	-7.1	1.00 H	294	44.8	2.1
3	*5180.00	105.0 PK			1.00 H	294	64.8	40.2
4	*5180.00	91.5 AV			1.00 H	294	51.3	40.2
5	#10360.00	57.7 PK	68.2	-10.5	1.84 H	153	48.9	8.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4817.50	68.4 PK	74.0	-5.6	1.94 V	55	66.3	2.1
2	4817.50	46.0 AV	54.0	-8.0	1.94 V	55	43.9	2.1
3	*5180.00	116.2 PK			1.94 V	55	76.0	40.2
4	*5180.00	103.2 AV			1.94 V	55	63.0	40.2
5	#10360.00	62.0 PK	68.2	-6.2	1.09 V	243	53.2	8.8

Remarks:

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

RF Mode	802.11ax (HE20)	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4836.00	60.0 PK	74.0	-14.0	1.11 H	292	58.0	2.0
2	4836.00	44.2 AV	54.0	-9.8	1.11 H	292	42.2	2.0
3	*5200.00	105.6 PK			1.11 H	292	65.4	40.2
4	*5200.00	92.3 AV			1.11 H	292	52.1	40.2
5	#10400.00	55.4 PK	68.2	-12.8	1.82 H	153	46.5	8.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4832.16	70.2 PK	74.0	-3.8	2.14 V	122	68.2	2.0
2	4832.16	45.5 AV	54.0	-8.5	2.14 V	122	43.5	2.0
3	*5200.00	116.2 PK			2.14 V	122	76.0	40.2
4	*5200.00	103.3 AV			2.14 V	122	63.1	40.2
5	#10400.00	59.7 PK	68.2	-8.5	1.09 V	243	50.8	8.9

Remarks:

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

RF Mode	802.11ax (HE20)	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4864.80	59.2 PK	74.0	-14.8	1.01 H	292	57.1	2.1
2	4864.80	45.2 AV	54.0	-8.8	1.01 H	292	43.1	2.1
3	*5240.00	106.9 PK			1.01 H	292	66.8	40.1
4	*5240.00	92.8 AV			1.01 H	292	52.7	40.1
5	#10480.00	55.4 PK	68.2	-12.8	1.82 H	153	46.4	9.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4868.64	72.6 PK	74.0	-1.4	2.28 V	188	70.5	2.1
2	4868.64	45.7 AV	54.0	-8.3	2.28 V	188	43.6	2.1
3	*5240.00	117.8 PK			2.28 V	188	77.7	40.1
4	*5240.00	104.3 AV			2.28 V	188	64.2	40.1
5	#10480.00	61.2 PK	68.2	-7.0	1.09 V	243	52.2	9.0

Remarks:

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

RF Mode	802.11ax (HE40)	Channel	CH 38 : 5190 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	59.0 PK	74.0	-15.0	1.04 H	294	56.4	2.6
2	5150.00	46.0 AV	54.0	-8.0	1.04 H	294	43.4	2.6
3	*5190.00	103.6 PK			1.04 H	294	63.3	40.3
4	*5190.00	89.7 AV			1.04 H	294	49.4	40.3
5	#10380.00	55.0 PK	68.2	-13.2	1.82 H	154	46.2	8.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.9 PK	74.0	-12.1	2.10 V	58	59.3	2.6
2	5150.00	50.1 AV	54.0	-3.9	2.10 V	58	47.5	2.6
3	*5190.00	114.3 PK			2.10 V	58	74.0	40.3
4	*5190.00	101.3 AV			2.10 V	58	61.0	40.3
5	#10380.00	58.8 PK	68.2	-9.4	1.09 V	243	50.0	8.8

Remarks:

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

RF Mode	802.11ax (HE40)	Channel	CH 46 : 5230 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4849.12	57.7 PK	74.0	-16.3	1.01 H	292	55.7	2.0
2	4849.12	44.5 AV	54.0	-9.5	1.01 H	292	42.5	2.0
3	*5230.00	104.8 PK			1.01 H	292	64.7	40.1
4	*5230.00	91.1 AV			1.01 H	292	51.0	40.1
5	#10460.00	55.6 PK	68.2	-12.6	1.82 H	153	46.6	9.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4849.44	62.2 PK	74.0	-11.8	2.16 V	188	60.2	2.0
2	4849.44	45.2 AV	54.0	-8.8	2.16 V	188	43.2	2.0
3	*5230.00	116.3 PK			2.16 V	188	76.2	40.1
4	*5230.00	102.8 AV			2.16 V	188	62.7	40.1
5	#10460.00	61.5 PK	68.2	-6.7	1.29 V	243	52.5	9.0

Remarks:

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

RF Mode	802.11ax (HE80)	Channel	CH 42 : 5210 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	58.8 PK	74.0	-15.2	1.07 H	292	56.2	2.6
2	5150.00	45.9 AV	54.0	-8.1	1.07 H	292	43.3	2.6
3	*5210.00	97.6 PK			1.07 H	292	57.4	40.2
4	*5210.00	84.7 AV			1.07 H	292	44.5	40.2
5	#10420.00	55.4 PK	68.2	-12.8	1.84 H	149	46.5	8.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.2 PK	74.0	-14.8	2.09 V	59	56.6	2.6
2	5150.00	47.9 AV	54.0	-6.1	2.09 V	59	45.3	2.6
3	*5210.00	108.8 PK			2.09 V	59	68.6	40.2
4	*5210.00	95.2 AV			2.09 V	59	55.0	40.2
5	#10420.00	59.5 PK	68.2	-8.7	1.04 V	243	50.6	8.9

Remarks:

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

RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5651.20	58.7 PK	69.1	-10.4	1.05 H	269	55.1	3.6
2	*5745.00	105.0 PK			1.05 H	269	63.4	41.6
3	*5745.00	94.9 AV			1.05 H	269	53.3	41.6
4	#5971.20	59.5 PK	68.2	-8.7	1.05 H	269	55.3	4.2
5	11490.00	58.0 PK	74.0	-16.0	1.46 H	125	47.9	10.1
6	11490.00	47.7 AV	54.0	-6.3	1.46 H	125	37.6	10.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5603.20	58.9 PK	68.2	-9.3	2.74 V	180	55.5	3.4
2	*5745.00	116.5 PK			2.74 V	180	74.9	41.6
3	*5745.00	106.7 AV			2.74 V	180	65.1	41.6
4	#5937.20	59.9 PK	68.2	-8.3	2.74 V	180	55.7	4.2
5	11490.00	62.2 PK	74.0	-11.8	1.82 V	187	52.1	10.1
6	11490.00	52.0 AV	54.0	-2.0	1.82 V	187	41.9	10.1

Remarks:

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

RF Mode	802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	59.4 PK	68.2	-8.8	1.19 H	269	55.8	3.6
2	*5785.00	105.2 PK			1.19 H	269	63.4	41.8
3	*5785.00	95.3 AV			1.19 H	269	53.5	41.8
4	#5972.80	59.6 PK	68.2	-8.6	1.19 H	269	55.3	4.3
5	11570.00	57.7 PK	74.0	-16.3	1.42 H	128	47.8	9.9
6	11570.00	47.5 AV	54.0	-6.5	1.42 H	128	37.6	9.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5642.80	59.2 PK	68.2	-9.0	2.71 V	180	55.6	3.6
2	*5785.00	116.8 PK			2.71 V	180	75.0	41.8
3	*5785.00	106.5 AV			2.71 V	180	64.7	41.8
4	#5988.80	59.1 PK	68.2	-9.1	2.71 V	180	54.7	4.4
5	11570.00	61.9 PK	74.0	-12.1	1.82 V	186	52.0	9.9
6	11570.00	51.6 AV	54.0	-2.4	1.82 V	186	41.7	9.9

Remarks:

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

RF Mode	802.11a	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5613.60	58.9 PK	68.2	-9.3	1.14 H	269	55.5	3.4
2	*5825.00	106.0 PK			1.14 H	269	64.2	41.8
3	*5825.00	95.6 AV			1.14 H	269	53.8	41.8
4	#5927.20	59.2 PK	68.2	-9.0	1.14 H	269	55.0	4.2
5	11650.00	57.5 PK	74.0	-16.5	1.42 H	121	47.8	9.7
6	11650.00	46.8 AV	54.0	-7.2	1.42 H	121	37.1	9.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5636.80	59.1 PK	68.2	-9.1	2.88 V	180	55.5	3.6
2	*5825.00	116.5 PK			2.88 V	180	74.7	41.8
3	*5825.00	106.7 AV			2.88 V	180	64.9	41.8
4	#5976.80	58.9 PK	68.2	-9.3	2.88 V	180	54.6	4.3
5	11650.00	61.7 PK	74.0	-12.3	2.00 V	186	52.0	9.7
6	11650.00	51.0 AV	54.0	-3.0	2.00 V	186	41.3	9.7

Remarks:

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

RF Mode	802.11ax (HE20)	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5634.00	58.8 PK	68.2	-9.4	1.05 H	269	55.2	3.6
2	*5745.00	108.0 PK			1.05 H	269	66.4	41.6
3	*5745.00	94.7 AV			1.05 H	269	53.1	41.6
4	#5928.40	60.0 PK	68.2	-8.2	1.05 H	269	55.8	4.2
5	11490.00	58.3 PK	74.0	-15.7	1.46 H	125	48.2	10.1
6	11490.00	47.8 AV	54.0	-6.2	1.46 H	125	37.7	10.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5641.60	59.2 PK	68.2	-9.0	2.74 V	180	55.6	3.6
2	*5745.00	119.7 PK			2.74 V	180	78.1	41.6
3	*5745.00	106.5 AV			2.74 V	180	64.9	41.6
4	#5951.60	59.5 PK	68.2	-8.7	2.74 V	180	55.3	4.2
5	11490.00	62.6 PK	74.0	-11.4	1.82 V	187	52.5	10.1
6	11490.00	52.0 AV	54.0	-2.0	1.82 V	187	41.9	10.1

Remarks:

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

RF Mode	802.11ax (HE20)	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5605.60	59.3 PK	68.2	-8.9	1.19 H	269	55.9	3.4
2	*5785.00	107.7 PK			1.19 H	269	65.9	41.8
3	*5785.00	95.2 AV			1.19 H	269	53.4	41.8
4	#5985.20	59.4 PK	68.2	-8.8	1.19 H	269	55.0	4.4
5	11570.00	59.0 PK	74.0	-15.0	1.42 H	128	49.1	9.9
6	11570.00	47.6 AV	54.0	-6.4	1.42 H	128	37.7	9.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5628.40	59.3 PK	68.2	-8.9	2.71 V	180	55.7	3.6
2	*5785.00	119.5 PK			2.71 V	180	77.7	41.8
3	*5785.00	106.7 AV			2.71 V	180	64.9	41.8
4	#5976.80	59.2 PK	68.2	-9.0	2.71 V	180	54.9	4.3
5	11570.00	63.3 PK	74.0	-10.7	1.82 V	186	53.4	9.9
6	11570.00	51.8 AV	54.0	-2.2	1.82 V	186	41.9	9.9

Remarks:

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

RF Mode	802.11ax (HE20)	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5646.40	59.2 PK	68.2	-9.0	1.14 H	269	55.6	3.6
2	*5825.00	109.0 PK			1.14 H	269	67.2	41.8
3	*5825.00	95.6 AV			1.14 H	269	53.8	41.8
4	#5930.00	59.3 PK	68.2	-8.9	1.14 H	269	55.1	4.2
5	11650.00	57.6 PK	74.0	-16.4	1.42 H	121	47.9	9.7
6	11650.00	46.6 AV	54.0	-7.4	1.42 H	121	36.9	9.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5603.20	59.1 PK	68.2	-9.1	2.88 V	180	55.7	3.4
2	*5825.00	120.0 PK			2.88 V	180	78.2	41.8
3	*5825.00	106.4 AV			2.88 V	180	64.6	41.8
4	#5985.20	59.6 PK	68.2	-8.6	2.88 V	180	55.2	4.4
5	11650.00	61.9 PK	74.0	-12.1	2.00 V	186	52.2	9.7
6	11650.00	50.9 AV	54.0	-3.1	2.00 V	186	41.2	9.7

Remarks:

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

RF Mode	802.11ax (HE40)	Channel	CH 151 : 5755 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5611.20	59.0 PK	68.2	-9.2	1.10 H	269	55.6	3.4
2	*5755.00	107.8 PK			1.10 H	269	66.1	41.7
3	*5755.00	95.1 AV			1.10 H	269	53.4	41.7
4	#5956.00	59.3 PK	68.2	-8.9	1.10 H	269	55.1	4.2
5	11510.00	56.9 PK	74.0	-17.1	1.46 H	125	46.8	10.1
6	11510.00	46.4 AV	54.0	-7.6	1.46 H	125	36.3	10.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5626.80	59.9 PK	68.2	-8.3	2.76 V	180	56.3	3.6
2	*5755.00	119.5 PK			2.76 V	180	77.8	41.7
3	*5755.00	106.3 AV			2.76 V	180	64.6	41.7
4	#5940.80	60.0 PK	68.2	-8.2	2.76 V	180	55.8	4.2
5	11510.00	61.0 PK	74.0	-13.0	1.82 V	185	50.9	10.1
6	11510.00	50.6 AV	54.0	-3.4	1.82 V	185	40.5	10.1

Remarks:

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

RF Mode	802.11ax (HE40)	Channel	CH 159 : 5795 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5623.20	59.3 PK	68.2	-8.9	1.16 H	269	55.9	3.4
2	*5795.00	109.0 PK			1.16 H	269	67.2	41.8
3	*5795.00	94.9 AV			1.16 H	269	53.1	41.8
4	#5935.60	59.5 PK	68.2	-8.7	1.16 H	269	55.3	4.2
5	11590.00	57.2 PK	74.0	-16.8	1.45 H	122	47.3	9.9
6	11590.00	48.0 AV	54.0	-6.0	1.45 H	122	38.1	9.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5604.00	59.7 PK	68.2	-8.5	2.74 V	180	56.3	3.4
2	*5795.00	118.7 PK			2.74 V	180	76.9	41.8
3	*5795.00	105.5 AV			2.74 V	180	63.7	41.8
4	#5992.40	59.4 PK	68.2	-8.8	2.74 V	180	55.0	4.4
5	11590.00	61.4 PK	74.0	-12.6	2.00 V	186	51.5	9.9
6	11590.00	52.1 AV	54.0	-1.9	2.00 V	186	42.2	9.9

Remarks:

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

RF Mode	802.11ax (HE80)	Channel	CH 155 : 5775 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	59.7 PK	68.2	-8.5	1.04 H	269	56.1	3.6
2	*5775.00	105.8 PK			1.04 H	269	64.0	41.8
3	*5775.00	93.0 AV			1.04 H	269	51.2	41.8
4	#5935.20	60.4 PK	68.2	-7.8	1.04 H	269	56.2	4.2
5	11550.00	58.0 PK	74.0	-16.0	1.46 H	124	48.0	10.0
6	11550.00	47.8 AV	54.0	-6.2	1.46 H	124	37.8	10.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5649.20	66.9 PK	68.2	-1.3	2.60 V	177	63.3	3.6
2	*5775.00	117.7 PK			2.60 V	177	75.9	41.8
3	*5775.00	104.8 AV			2.60 V	177	63.0	41.8
4	#5923.60	68.1 PK	69.2	-1.1	2.60 V	177	63.9	4.2
5	#5931.60	66.5 PK	68.2	-1.7	2.60 V	177	62.3	4.2
6	11550.00	62.2 PK	74.0	-11.8	1.82 V	187	52.2	10.0
7	11550.00	52.0 AV	54.0	-2.0	1.82 V	187	42.0	10.0

Remarks:

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

Mode B

RF Mode	802.11a	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4812.60	72.4 PK	74.0	-1.6	2.00 H	4	70.3	2.1
2	4812.60	50.1 AV	54.0	-3.9	2.00 H	4	48.0	2.1
3	4895.52	58.8 PK	74.0	-15.2	2.00 H	4	56.6	2.2
4	4895.52	45.4 AV	54.0	-8.6	2.00 H	4	43.2	2.2
5	5088.48	58.0 PK	74.0	-16.0	2.00 H	4	55.5	2.5
6	5088.48	47.3 AV	54.0	-6.7	2.00 H	4	44.8	2.5
7	*5180.00	118.4 PK			2.00 H	4	78.2	40.2
8	*5180.00	106.9 AV			2.00 H	4	66.7	40.2
9	5375.96	60.0 PK	74.0	-14.0	2.33 H	6	57.6	2.4
10	5375.96	52.5 AV	54.0	-1.5	2.33 H	6	50.1	2.4
11	#10360.00	60.8 PK	68.2	-7.4	1.00 H	252	52.0	8.8

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4817.76	68.4 PK	74.0	-5.6	1.13 V	0	66.3	2.1
2	4817.76	47.0 AV	54.0	-7.0	1.13 V	0	44.9	2.1
3	5088.48	57.3 PK	74.0	-16.7	1.13 V	0	54.8	2.5
4	5088.48	47.5 AV	54.0	-6.5	1.13 V	0	45.0	2.5
5	*5180.00	118.6 PK			1.13 V	0	78.4	40.2
6	*5180.00	108.4 AV			1.13 V	0	68.2	40.2
7	5375.96	59.5 PK	74.0	-14.5	2.25 V	0	57.1	2.4
8	5375.96	50.7 AV	54.0	-3.3	2.25 V	0	48.3	2.4
9	#10360.00	60.6 PK	68.2	-7.6	1.92 V	116	51.8	8.8

Remarks:

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

RF Mode	802.11a	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4830.24	68.3 PK	74.0	-5.7	2.18 H	3	66.3	2.0
2	4830.24	49.9 AV	54.0	-4.1	2.18 H	3	47.9	2.0
3	5087.52	58.1 PK	74.0	-15.9	2.18 H	3	55.6	2.5
4	5087.52	46.3 AV	54.0	-7.7	2.18 H	3	43.8	2.5
5	*5200.00	118.3 PK			2.18 H	3	78.1	40.2
6	*5200.00	109.3 AV			2.18 H	3	69.1	40.2
7	5375.52	58.0 PK	74.0	-16.0	2.33 H	9	55.6	2.4
8	5375.52	50.3 AV	54.0	-3.7	2.33 H	9	47.9	2.4
9	#10400.00	60.5 PK	68.2	-7.7	1.00 H	247	51.6	8.9

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4826.40	61.6 PK	74.0	-12.4	1.13 V	1	59.6	2.0
2	4826.40	49.9 AV	54.0	-4.1	1.13 V	1	47.9	2.0
3	5087.52	57.1 PK	74.0	-16.9	1.13 V	1	54.6	2.5
4	5087.52	46.3 AV	54.0	-7.7	1.13 V	1	43.8	2.5
5	*5200.00	119.7 PK			1.13 V	1	79.5	40.2
6	*5200.00	111.7 AV			1.13 V	1	71.5	40.2
7	5376.48	57.4 PK	74.0	-16.6	2.25 V	0	55.0	2.4
8	5376.48	50.0 AV	54.0	-4.0	2.25 V	0	47.6	2.4
9	#10400.00	60.1 PK	68.2	-8.1	1.92 V	121	51.2	8.9

Remarks:

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

RF Mode	802.11a	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4865.76	66.5 PK	74.0	-7.5	1.00 H	0	64.4	2.1
2	4865.76	51.5 AV	54.0	-2.5	1.00 H	0	49.4	2.1
3	*5240.00	118.1 PK			1.00 H	0	78.0	40.1
4	*5240.00	109.0 AV			1.00 H	0	68.9	40.1
5	5376.00	58.1 PK	74.0	-15.9	1.00 H	0	55.7	2.4
6	5376.00	52.3 AV	54.0	-1.7	1.00 H	0	49.9	2.4
7	#10480.00	58.7 PK	68.2	-9.5	1.24 H	97	49.7	9.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4875.36	58.3 PK	74.0	-15.7	1.96 V	3	56.2	2.1
2	4875.36	48.7 AV	54.0	-5.3	1.96 V	3	46.6	2.1
3	*5240.00	120.0 PK			1.96 V	3	79.9	40.1
4	*5240.00	111.7 AV			1.96 V	3	71.6	40.1
5	5376.00	57.8 PK	74.0	-16.2	1.96 V	3	55.4	2.4
6	5376.00	52.2 AV	54.0	-1.8	1.96 V	3	49.8	2.4
7	#10480.00	58.6 PK	68.2	-9.6	1.88 V	355	49.6	9.0

Remarks:

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

RF Mode	802.11ax (HE20)	Channel	CH 36 : 5180 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4823.52	72.2 PK	74.0	-1.8	2.00 H	4	70.1	2.1
2	4823.52	47.5 AV	54.0	-6.5	2.00 H	4	45.4	2.1
3	5088.48	58.9 PK	74.0	-15.1	2.00 H	4	56.4	2.5
4	5088.48	46.3 AV	54.0	-7.7	2.00 H	4	43.8	2.5
5	*5180.00	117.1 PK			2.00 H	4	76.9	40.2
6	*5180.00	106.0 AV			2.00 H	4	65.8	40.2
7	5375.52	60.2 PK	74.0	-13.8	2.33 H	6	57.8	2.4
8	5375.52	50.9 AV	54.0	-3.1	2.33 H	6	48.5	2.4
9	#10360.00	60.9 PK	68.2	-7.3	1.00 H	252	52.1	8.8

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4810.08	60.9 PK	74.0	-13.1	1.13 V	0	58.8	2.1
2	4810.08	46.6 AV	54.0	-7.4	1.13 V	0	44.5	2.1
3	5087.52	59.1 PK	74.0	-14.9	1.13 V	0	56.6	2.5
4	5087.52	47.4 AV	54.0	-6.6	1.13 V	0	44.9	2.5
5	*5180.00	119.8 PK			1.13 V	0	79.6	40.2
6	*5180.00	107.8 AV			1.13 V	0	67.6	40.2
7	5376.48	59.0 PK	74.0	-15.0	2.55 V	0	56.6	2.4
8	5376.48	50.3 AV	54.0	-3.7	2.55 V	0	47.9	2.4
9	#10360.00	60.6 PK	68.2	-7.6	1.92 V	116	51.8	8.8

Remarks:

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

RF Mode	802.11ax (HE20)	Channel	CH 40 : 5200 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4832.16	65.6 PK	74.0	-8.4	1.02 H	357	63.6	2.0
2	4832.16	51.5 AV	54.0	-2.5	1.02 H	357	49.5	2.0
3	*5200.00	117.4 PK			1.02 H	357	77.2	40.2
4	*5200.00	106.6 AV			1.02 H	357	66.4	40.2
5	5376.00	57.7 PK	74.0	-16.3	1.02 H	357	55.3	2.4
6	5376.00	51.7 AV	54.0	-2.3	1.02 H	357	49.3	2.4
7	#10400.00	58.2 PK	68.2	-10.0	1.23 H	102	49.3	8.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.5 PK	74.0	-16.5	2.10 V	359	54.9	2.6
2	5150.00	47.8 AV	54.0	-6.2	2.10 V	359	45.2	2.6
3	*5200.00	118.4 PK			2.10 V	359	78.2	40.2
4	*5200.00	108.8 AV			2.10 V	359	68.6	40.2
5	5376.00	57.2 PK	74.0	-16.8	2.10 V	359	54.8	2.4
6	5376.00	49.1 AV	54.0	-4.9	2.10 V	359	46.7	2.4
7	#10400.00	58.0 PK	68.2	-10.2	1.85 V	354	49.1	8.9

Remarks:

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

RF Mode	802.11ax (HE20)	Channel	CH 48 : 5240 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4860.00	64.4 PK	74.0	-9.6	1.00 H	358	62.3	2.1
2	4860.00	49.3 AV	54.0	-4.7	1.00 H	358	47.2	2.1
3	*5240.00	118.8 PK			1.00 H	358	78.7	40.1
4	*5240.00	107.9 AV			1.00 H	358	67.8	40.1
5	5376.00	57.9 PK	74.0	-16.1	1.00 H	358	55.5	2.4
6	5376.00	52.1 AV	54.0	-1.9	1.00 H	358	49.7	2.4
7	#10480.00	59.3 PK	68.2	-8.9	1.25 H	105	50.3	9.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	56.8 PK	74.0	-17.2	2.02 V	0	54.2	2.6
2	5150.00	47.6 AV	54.0	-6.4	2.02 V	0	45.0	2.6
3	*5240.00	120.1 PK			2.02 V	0	80.0	40.1
4	*5240.00	109.8 AV			2.02 V	0	69.7	40.1
5	5376.00	57.6 PK	74.0	-16.4	2.02 V	0	55.2	2.4
6	5376.00	50.4 AV	54.0	-3.6	2.02 V	0	48.0	2.4
7	#10480.00	59.1 PK	68.2	-9.1	1.86 V	355	50.1	9.0

Remarks:

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

RF Mode	802.11ax (HE40)	Channel	CH 38 : 5190 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4838.88	57.7 PK	74.0	-16.3	2.11 H	4	55.7	2.0
2	4838.88	46.3 AV	54.0	-7.7	2.11 H	4	44.3	2.0
3	5148.96	65.6 PK	74.0	-8.4	2.11 H	4	63.0	2.6
4	5148.96	53.0 AV	54.0	-1.0	2.11 H	4	50.4	2.6
5	*5190.00	114.6 PK			2.11 H	4	74.3	40.3
6	*5190.00	102.3 AV			2.11 H	4	62.0	40.3
7	5375.52	59.2 PK	74.0	-14.8	2.33 H	6	56.8	2.4
8	5375.52	52.2 AV	54.0	-1.8	2.33 H	6	49.8	2.4
9	#10380.00	60.4 PK	68.2	-7.8	1.00 H	252	51.6	8.8

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4831.20	56.7 PK	74.0	-17.3	1.13 V	0	54.7	2.0
2	4831.20	45.4 AV	54.0	-8.6	1.13 V	0	43.4	2.0
3	5148.96	62.4 PK	74.0	-11.6	1.13 V	0	59.8	2.6
4	5148.96	52.4 AV	54.0	-1.6	1.13 V	0	49.8	2.6
5	*5190.00	117.3 PK			1.13 V	0	77.0	40.3
6	*5190.00	105.2 AV			1.13 V	0	64.9	40.3
7	5375.52	58.8 PK	74.0	-15.2	2.33 V	0	56.4	2.4
8	5375.52	51.0 AV	54.0	-3.0	2.33 V	0	48.6	2.4
9	#10380.00	60.1 PK	68.2	-8.1	1.92 V	116	51.3	8.8

Remarks:

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

RF Mode	802.11ax (HE40)	Channel	CH 46 : 5230 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.5 PK	74.0	-12.5	1.00 H	357	58.9	2.6
2	5150.00	47.5 AV	54.0	-6.5	1.00 H	357	44.9	2.6
3	*5230.00	114.8 PK			1.00 H	357	74.7	40.1
4	*5230.00	105.0 AV			1.00 H	357	64.9	40.1
5	5376.00	58.1 PK	74.0	-15.9	1.00 H	357	55.7	2.4
6	5376.00	52.9 AV	54.0	-1.1	1.00 H	357	50.5	2.4
7	#10460.00	58.6 PK	68.2	-9.6	1.24 H	103	49.6	9.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.5 PK	74.0	-16.5	1.98 V	357	54.9	2.6
2	5150.00	47.4 AV	54.0	-6.6	1.98 V	357	44.8	2.6
3	*5230.00	118.4 PK			1.98 V	357	78.3	40.1
4	*5230.00	107.8 AV			1.98 V	357	67.7	40.1
5	5376.00	57.9 PK	74.0	-16.1	1.98 V	357	55.5	2.4
6	5376.00	51.4 AV	54.0	-2.6	1.98 V	357	49.0	2.4
7	#10460.00	58.4 PK	68.2	-9.8	1.88 V	350	49.4	9.0

Remarks:

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

RF Mode	802.11ax (HE80)	Channel	CH 42 : 5210 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4896.48	57.0 PK	74.0	-17.0	2.00 H	4	54.8	2.2
2	4896.48	47.5 AV	54.0	-6.5	2.00 H	4	45.3	2.2
3	5150.00	60.2 PK	74.0	-13.8	2.00 H	4	57.6	2.6
4	5150.00	52.6 AV	54.0	-1.4	2.00 H	4	50.0	2.6
5	*5210.00	108.7 PK			2.00 H	4	68.5	40.2
6	*5210.00	98.5 AV			2.00 H	4	58.3	40.2
7	5375.52	59.8 PK	74.0	-14.2	2.33 H	6	57.4	2.4
8	5375.52	52.0 AV	54.0	-2.0	2.33 H	6	49.6	2.4
9	#10420.00	58.6 PK	68.2	-9.6	1.00 H	247	49.7	8.9

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4895.52	58.0 PK	74.0	-16.0	1.13 V	0	55.8	2.2
2	4895.52	46.5 AV	54.0	-7.5	1.13 V	0	44.3	2.2
3	5150.00	60.0 PK	74.0	-14.0	1.13 V	0	57.4	2.6
4	5150.00	51.1 AV	54.0	-2.9	1.13 V	0	48.5	2.6
5	*5210.00	110.9 PK			1.13 V	0	70.7	40.2
6	*5210.00	100.5 AV			1.13 V	0	60.3	40.2
7	5375.52	57.6 PK	74.0	-16.4	2.25 V	0	55.2	2.4
8	5375.52	51.1 AV	54.0	-2.9	2.25 V	0	48.7	2.4
9	#10420.00	58.4 PK	68.2	-9.8	1.92 V	116	49.5	8.9

Remarks:

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

RF Mode	802.11a	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5376.00	59.7 PK	74.0	-14.3	1.00 H	4	57.3	2.4
2	5376.00	51.4 AV	54.0	-2.6	1.00 H	4	49.0	2.4
3	#5645.20	58.5 PK	68.2	-9.7	1.00 H	4	54.9	3.6
4	*5745.00	118.6 PK			1.00 H	4	77.0	41.6
5	*5745.00	111.1 AV			1.00 H	4	69.5	41.6
6	#5925.60	58.3 PK	68.2	-9.9	1.00 H	4	54.1	4.2
7	11490.00	56.8 PK	74.0	-17.2	1.54 H	64	46.7	10.1
8	11490.00	47.8 AV	54.0	-6.2	1.54 H	64	37.7	10.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5376.00	62.3 PK	74.0	-11.7	1.80 V	5	59.9	2.4
2	5376.00	52.3 AV	54.0	-1.7	1.80 V	5	49.9	2.4
3	#5646.80	59.0 PK	68.2	-9.2	1.80 V	5	55.4	3.6
4	*5745.00	118.8 PK			1.80 V	5	77.2	41.6
5	*5745.00	111.4 AV			1.80 V	5	69.8	41.6
6	#5937.60	59.2 PK	68.2	-9.0	1.80 V	5	55.0	4.2
7	11490.00	57.2 PK	74.0	-16.8	2.53 V	15	47.1	10.1
8	11490.00	48.3 AV	54.0	-5.7	2.53 V	15	38.2	10.1

Remarks:

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

RF Mode	802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5420.00	63.0 PK	74.0	-11.0	1.00 H	4	60.5	2.5
2	5420.00	52.5 AV	54.0	-1.5	1.00 H	4	50.0	2.5
3	#5616.00	59.1 PK	68.2	-9.1	1.00 H	4	55.7	3.4
4	*5785.00	119.5 PK			1.00 H	4	77.7	41.8
5	*5785.00	111.7 AV			1.00 H	4	69.9	41.8
6	#5978.40	59.9 PK	68.2	-8.3	1.00 H	4	55.6	4.3
7	11570.00	56.9 PK	74.0	-17.1	1.46 H	58	47.0	9.9
8	11570.00	48.0 AV	54.0	-6.0	1.46 H	58	38.1	9.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5420.00	63.2 PK	74.0	-10.8	1.98 V	3	60.7	2.5
2	5420.00	52.8 AV	54.0	-1.2	1.98 V	3	50.3	2.5
3	#5604.00	59.7 PK	68.2	-8.5	1.98 V	3	56.3	3.4
4	*5785.00	119.7 PK			1.98 V	3	77.9	41.8
5	*5785.00	111.8 AV			1.98 V	3	70.0	41.8
6	#5952.40	59.5 PK	68.2	-8.7	1.98 V	3	55.3	4.2
7	11570.00	57.1 PK	74.0	-16.9	2.40 V	12	47.2	9.9
8	11570.00	48.2 AV	54.0	-5.8	2.40 V	12	38.3	9.9

Remarks:

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

RF Mode	802.11a	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	61.6 PK	74.0	-12.4	1.00 H	4	59.1	2.5
2	5460.00	52.3 AV	54.0	-1.7	1.00 H	4	49.8	2.5
3	#5470.00	64.1 PK	68.2	-4.1	1.00 H	4	61.6	2.5
4	#5634.80	59.5 PK	68.2	-8.7	1.00 H	4	55.9	3.6
5	*5825.00	118.9 PK			1.00 H	4	77.1	41.8
6	*5825.00	111.0 AV			1.00 H	4	69.2	41.8
7	#5976.40	58.9 PK	68.2	-9.3	1.00 H	4	54.6	4.3
8	11650.00	56.7 PK	74.0	-17.3	1.48 H	58	47.0	9.7
9	11650.00	48.0 AV	54.0	-6.0	1.48 H	58	38.3	9.7

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	63.2 PK	74.0	-10.8	2.00 V	6	60.7	2.5
2	5460.00	52.8 AV	54.0	-1.2	2.00 V	6	50.3	2.5
3	#5470.00	64.3 PK	68.2	-3.9	2.00 V	6	61.8	2.5
4	#5636.80	59.3 PK	68.2	-8.9	2.00 V	6	55.7	3.6
5	*5825.00	121.1 PK			2.00 V	6	79.3	41.8
6	*5825.00	113.6 AV			2.00 V	6	71.8	41.8
7	#5974.00	59.3 PK	68.2	-8.9	2.00 V	6	55.0	4.3
8	11650.00	57.0 PK	74.0	-17.0	2.52 V	13	47.3	9.7
9	11650.00	48.2 AV	54.0	-5.8	2.52 V	13	38.5	9.7

Remarks:

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

RF Mode	802.11ax (HE20)	Channel	CH 149 : 5745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5376.00	59.1 PK	74.0	-14.9	1.02 H	1	56.7	2.4
2	5376.00	50.8 AV	54.0	-3.2	1.02 H	1	48.4	2.4
3	#5643.60	59.0 PK	68.2	-9.2	1.02 H	1	55.4	3.6
4	*5745.00	122.3 PK			1.02 H	1	80.7	41.6
5	*5745.00	110.2 AV			1.02 H	1	68.6	41.6
6	#5934.80	58.3 PK	68.2	-9.9	1.02 H	1	54.1	4.2
7	11490.00	57.2 PK	74.0	-16.8	1.58 H	60	47.1	10.1
8	11490.00	48.3 AV	54.0	-5.7	1.58 H	60	38.2	10.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5376.00	62.2 PK	74.0	-11.8	1.93 V	4	59.8	2.4
2	5376.00	52.6 AV	54.0	-1.4	1.93 V	4	50.2	2.4
3	#5618.80	59.1 PK	68.2	-9.1	1.93 V	4	55.7	3.4
4	*5745.00	122.8 PK			1.93 V	4	81.2	41.6
5	*5745.00	111.1 AV			1.93 V	4	69.5	41.6
6	#5952.40	60.3 PK	68.2	-7.9	1.93 V	4	56.1	4.2
7	11490.00	57.4 PK	74.0	-16.6	2.45 V	16	47.3	10.1
8	11490.00	48.6 AV	54.0	-5.4	2.45 V	16	38.5	10.1

Remarks:

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

RF Mode	802.11ax (HE20)	Channel	CH 157 : 5785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5420.00	60.8 PK	74.0	-13.2	1.04 H	3	58.3	2.5
2	5420.00	49.3 AV	54.0	-4.7	1.04 H	3	46.8	2.5
3	#5623.20	58.3 PK	68.2	-9.9	1.04 H	3	54.9	3.4
4	*5785.00	121.1 PK			1.04 H	3	79.3	41.8
5	*5785.00	110.7 AV			1.04 H	3	68.9	41.8
6	#5936.80	58.5 PK	68.2	-9.7	1.04 H	3	54.3	4.2
7	11570.00	57.2 PK	74.0	-16.8	1.00 H	56	47.3	9.9
8	11570.00	48.1 AV	54.0	-5.9	1.00 H	56	38.2	9.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5420.00	62.6 PK	74.0	-11.4	1.92 V	0	60.1	2.5
2	5420.00	52.3 AV	54.0	-1.7	1.92 V	0	49.8	2.5
3	#5625.20	58.5 PK	68.2	-9.7	1.92 V	0	55.1	3.4
4	*5785.00	122.6 PK			1.92 V	0	80.8	41.8
5	*5785.00	111.0 AV			1.92 V	0	69.2	41.8
6	#5973.20	59.7 PK	68.2	-8.5	1.92 V	0	55.4	4.3
7	11570.00	57.5 PK	74.0	-16.5	2.52 V	13	47.6	9.9
8	11570.00	48.3 AV	54.0	-5.7	2.52 V	13	38.4	9.9

Remarks:

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

RF Mode	802.11ax (HE20)	Channel	CH 165 : 5825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.1 PK	74.0	-13.9	1.01 H	1	57.6	2.5
2	5460.00	49.2 AV	54.0	-4.8	1.01 H	1	46.7	2.5
3	#5470.00	63.1 PK	68.2	-5.1	1.01 H	1	60.6	2.5
4	#5631.20	58.1 PK	68.2	-10.1	1.01 H	1	54.5	3.6
5	*5825.00	120.5 PK			1.01 H	1	78.7	41.8
6	*5825.00	109.5 AV			1.01 H	1	67.7	41.8
7	#5926.40	59.2 PK	68.2	-9.0	1.01 H	1	55.0	4.2
8	11650.00	57.2 PK	74.0	-16.8	1.02 H	63	47.5	9.7
9	11650.00	47.6 AV	54.0	-6.4	1.02 H	63	37.9	9.7

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.4 PK	74.0	-13.6	2.05 V	3	57.9	2.5
2	5460.00	50.3 AV	54.0	-3.7	2.05 V	3	47.8	2.5
3	#5470.00	65.0 PK	68.2	-3.2	2.05 V	3	62.5	2.5
4	#5634.00	57.8 PK	68.2	-10.4	2.05 V	3	54.2	3.6
5	*5825.00	120.7 PK			2.05 V	3	78.9	41.8
6	*5825.00	110.1 AV			2.05 V	3	68.3	41.8
7	#5952.40	59.4 PK	68.2	-8.8	2.05 V	3	55.2	4.2
8	11650.00	57.3 PK	74.0	-16.7	2.55 V	12	47.6	9.7
9	11650.00	47.9 AV	54.0	-6.1	2.55 V	12	38.2	9.7

Remarks:

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

RF Mode	802.11ax (HE40)	Channel	CH 151 : 5755 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5376.00	62.0 PK	74.0	-12.0	1.00 H	4	59.6	2.4
2	5376.00	52.0 AV	54.0	-2.0	1.00 H	4	49.6	2.4
3	#5627.20	60.0 PK	68.2	-8.2	1.00 H	4	56.4	3.6
4	*5755.00	119.7 PK			1.00 H	4	78.0	41.7
5	*5755.00	109.9 AV			1.00 H	4	68.2	41.7
6	#5975.20	58.5 PK	68.2	-9.7	1.00 H	4	54.2	4.3
7	11510.00	57.2 PK	74.0	-16.8	1.02 H	56	47.1	10.1
8	11510.00	48.5 AV	54.0	-5.5	1.02 H	56	38.4	10.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5376.00	62.2 PK	74.0	-11.8	1.83 V	1	59.8	2.4
2	5376.00	52.1 AV	54.0	-1.9	1.83 V	1	49.7	2.4
3	#5642.40	58.5 PK	68.2	-9.7	1.83 V	1	54.9	3.6
4	*5755.00	119.9 PK			1.83 V	1	78.2	41.7
5	*5755.00	110.0 AV			1.83 V	1	68.3	41.7
6	#5955.60	58.6 PK	68.2	-9.6	1.83 V	1	54.4	4.2
7	11510.00	57.4 PK	74.0	-16.6	2.50 V	14	47.3	10.1
8	11510.00	48.7 AV	54.0	-5.3	2.50 V	14	38.6	10.1

Remarks:

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

RF Mode	802.11ax (HE40)	Channel	CH 159 : 5795 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5428.00	62.8 PK	74.0	-11.2	1.11 H	3	60.3	2.5
2	5428.00	52.7 AV	54.0	-1.3	1.11 H	3	50.2	2.5
3	#5600.80	60.4 PK	68.2	-7.8	1.11 H	3	57.0	3.4
4	*5795.00	120.9 PK			1.11 H	3	79.1	41.8
5	*5795.00	110.3 AV			1.11 H	3	68.5	41.8
6	#5955.20	59.7 PK	68.2	-8.5	1.11 H	3	55.5	4.2
7	11590.00	57.4 PK	74.0	-16.6	1.00 H	64	47.5	9.9
8	11590.00	48.1 AV	54.0	-5.9	1.00 H	64	38.2	9.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5428.00	63.0 PK	74.0	-11.0	1.99 V	3	60.5	2.5
2	5428.00	52.8 AV	54.0	-1.2	1.99 V	3	50.3	2.5
3	#5606.40	59.4 PK	68.2	-8.8	1.99 V	3	56.0	3.4
4	*5795.00	121.3 PK			1.99 V	3	79.5	41.8
5	*5795.00	110.8 AV			1.99 V	3	69.0	41.8
6	#5952.00	60.7 PK	68.2	-7.5	1.99 V	3	56.5	4.2
7	11590.00	57.5 PK	74.0	-16.5	2.45 V	14	47.6	9.9
8	11590.00	48.5 AV	54.0	-5.5	2.45 V	14	38.6	9.9

Remarks:

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

RF Mode	802.11ax (HE80)	Channel	CH 155 : 5775 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5411.00	62.4 PK	74.0	-11.6	1.19 H	2	59.9	2.5
2	5411.00	52.3 AV	54.0	-1.7	1.19 H	2	49.8	2.5
3	#5646.40	62.3 PK	68.2	-5.9	1.19 H	2	58.7	3.6
4	*5775.00	117.3 PK			1.19 H	2	75.5	41.8
5	*5775.00	107.5 AV			1.19 H	2	65.7	41.8
6	#5950.00	61.3 PK	68.2	-6.9	1.19 H	2	57.1	4.2
7	11550.00	57.3 PK	74.0	-16.7	1.04 H	15	47.3	10.0
8	11550.00	48.2 AV	54.0	-5.8	1.04 H	15	38.2	10.0
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5411.00	62.7 PK	74.0	-11.3	2.01 V	4	60.2	2.5
2	5411.00	52.5 AV	54.0	-1.5	2.01 V	4	50.0	2.5
3	#5646.00	65.0 PK	68.2	-3.2	2.01 V	4	61.4	3.6
4	*5775.00	117.7 PK			2.01 V	4	75.9	41.8
5	*5775.00	107.8 AV			2.01 V	4	66.0	41.8
6	#5931.60	64.2 PK	68.2	-4.0	2.01 V	4	60.0	4.2
7	11550.00	57.5 PK	74.0	-16.5	2.50 V	14	47.5	10.0
8	11550.00	48.5 AV	54.0	-5.5	2.50 V	14	38.5	10.0

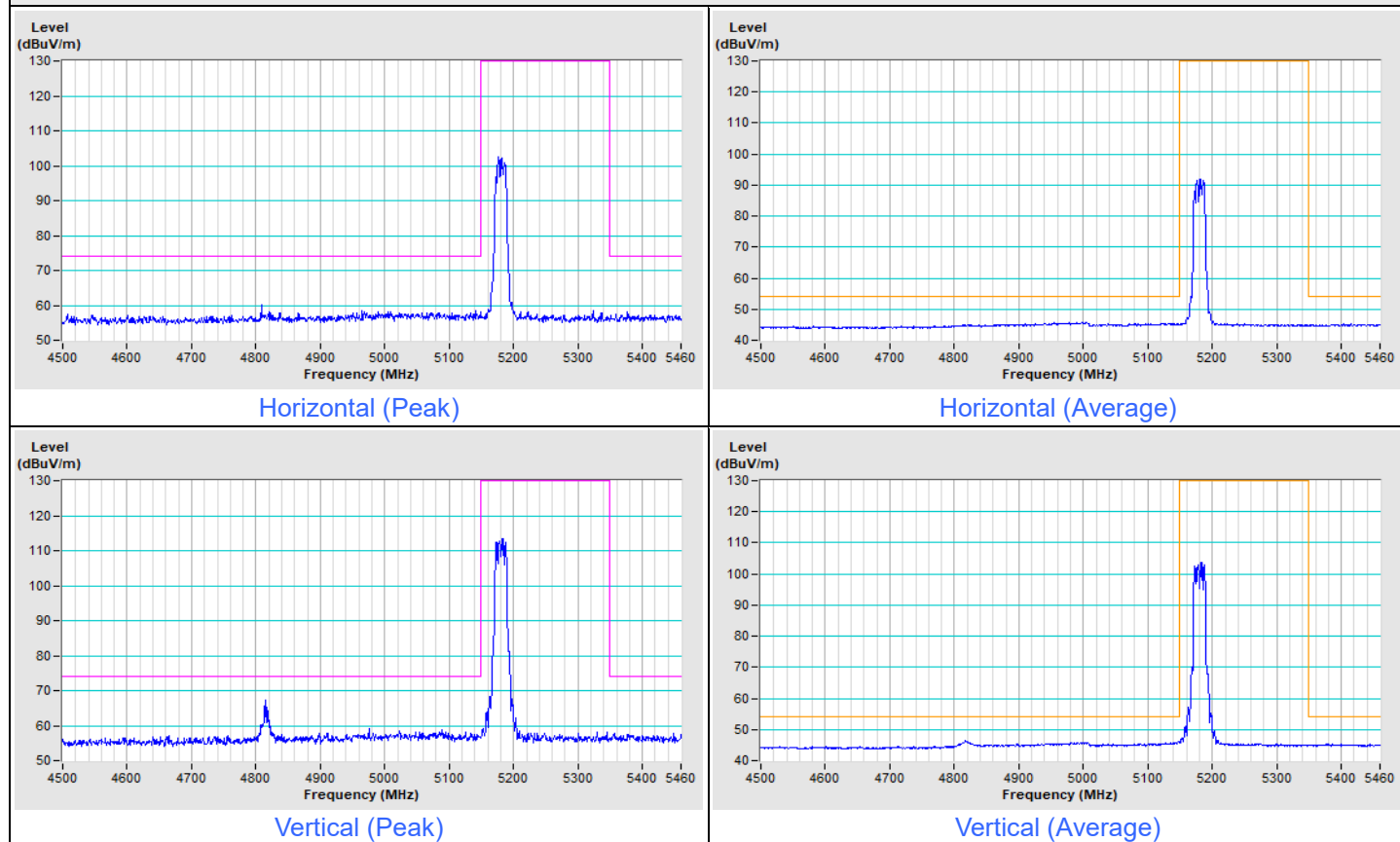
Remarks:

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

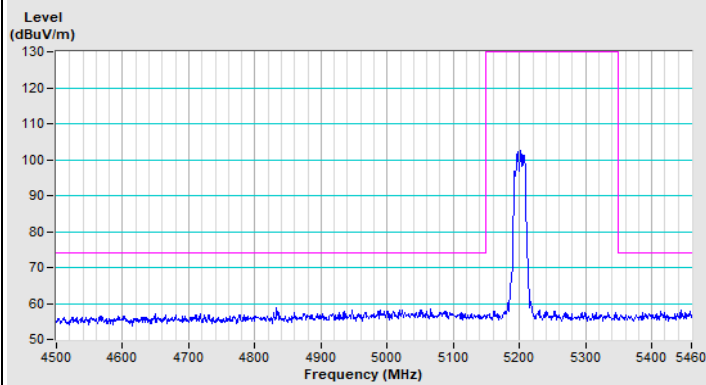
Mode A

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
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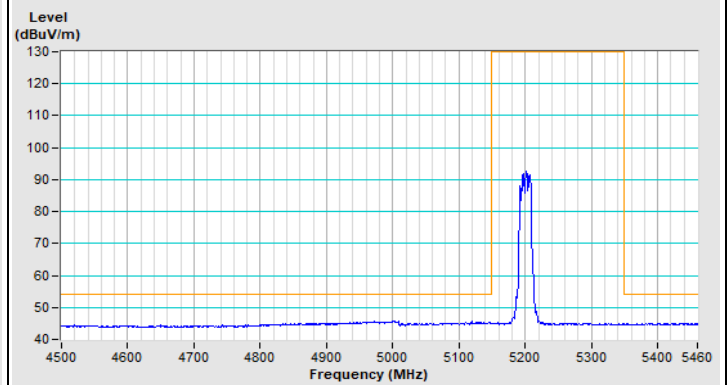
802.11a Channel 36



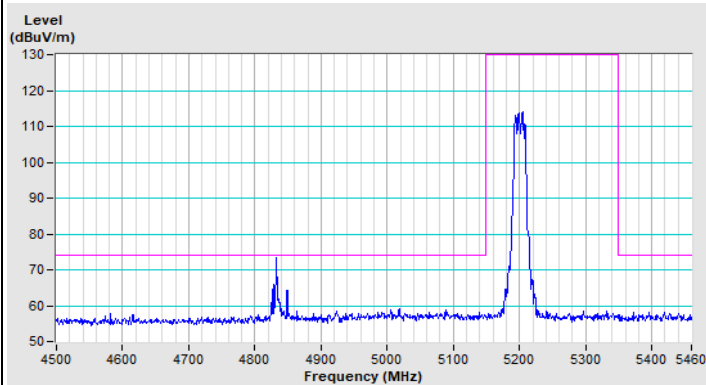
802.11a Channel 40



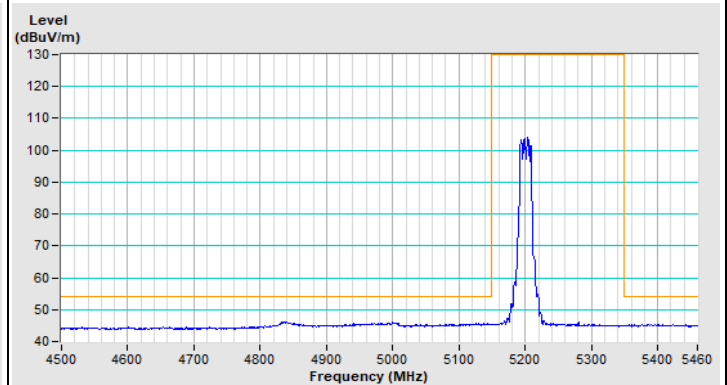
Horizontal (Peak)



Horizontal (Average)

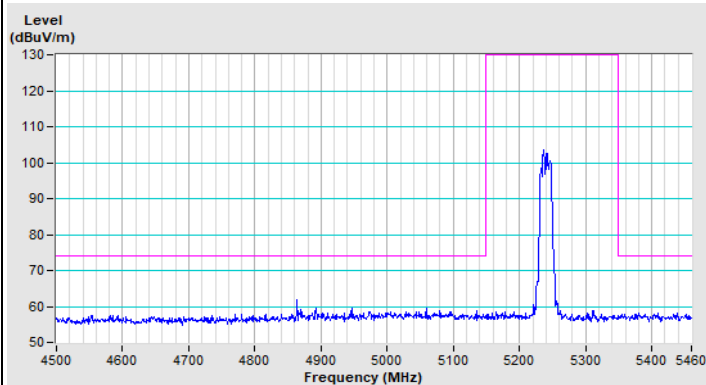


Vertical (Peak)

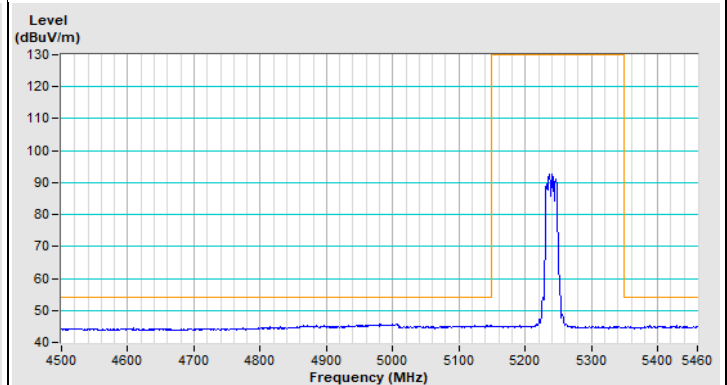


Vertical (Average)

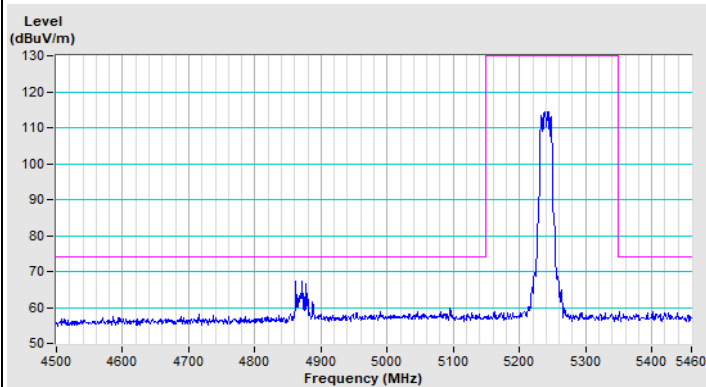
802.11a Channel 48



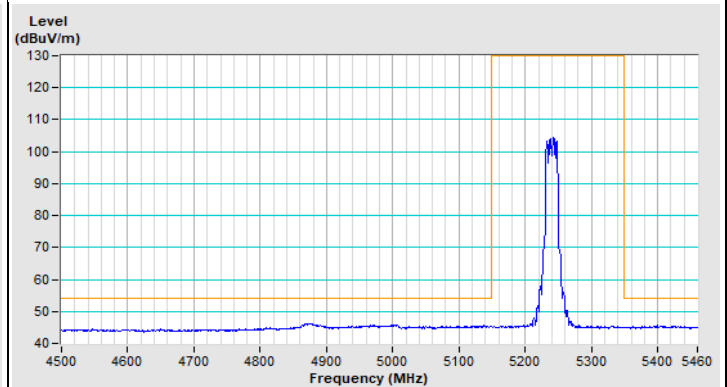
Horizontal (Peak)



Horizontal (Average)



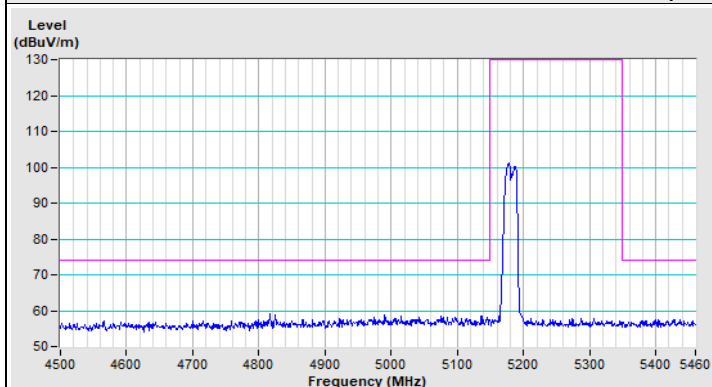
Vertical (Peak)



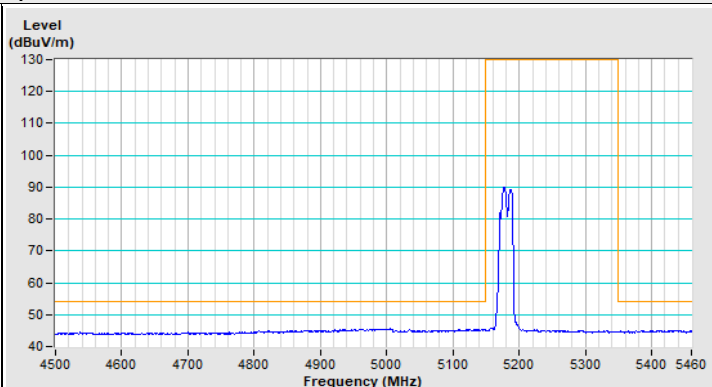
Vertical (Average)

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
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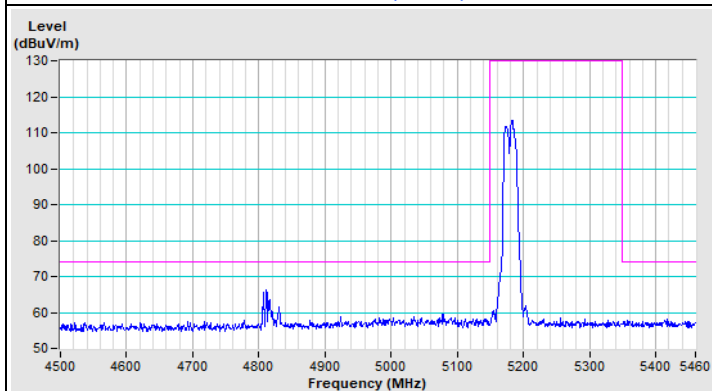
802.11ax (HE20) Channel 36



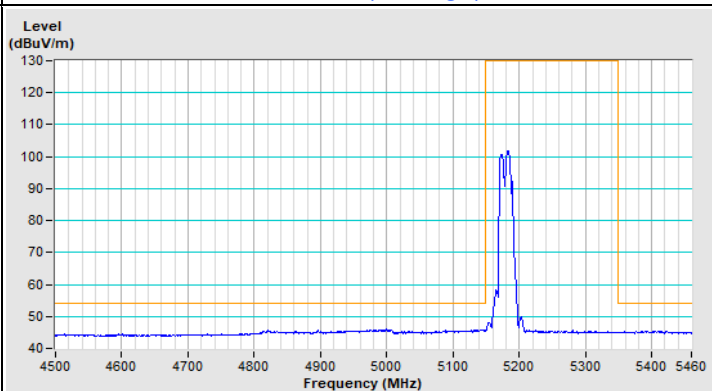
Horizontal (Peak)



Horizontal (Average)

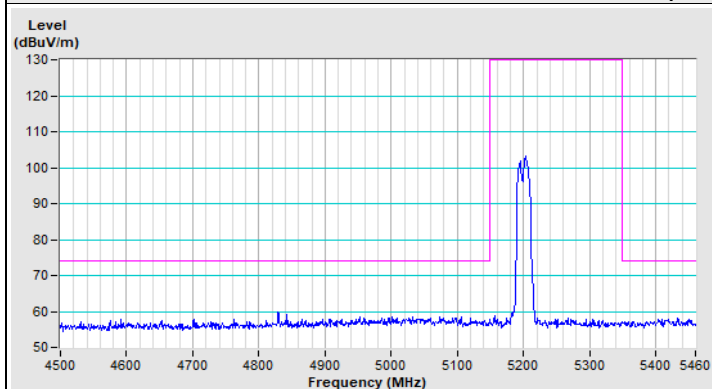


Vertical (Peak)

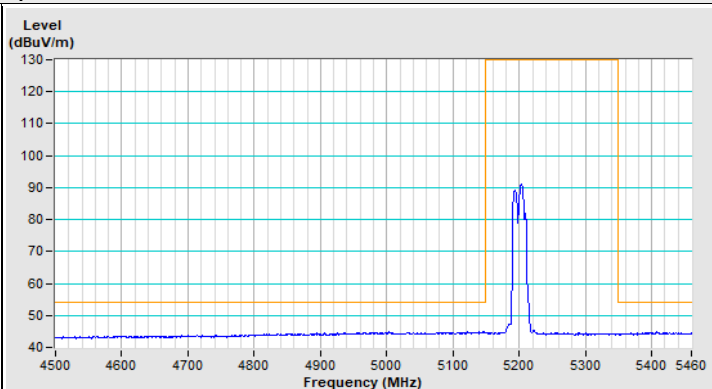


Vertical (Average)

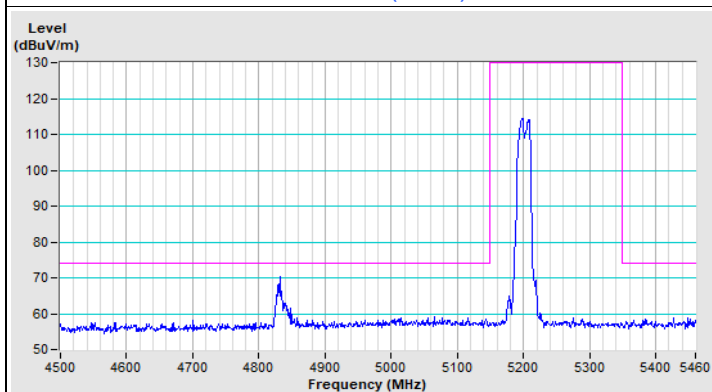
802.11ax (HE20) Channel 40



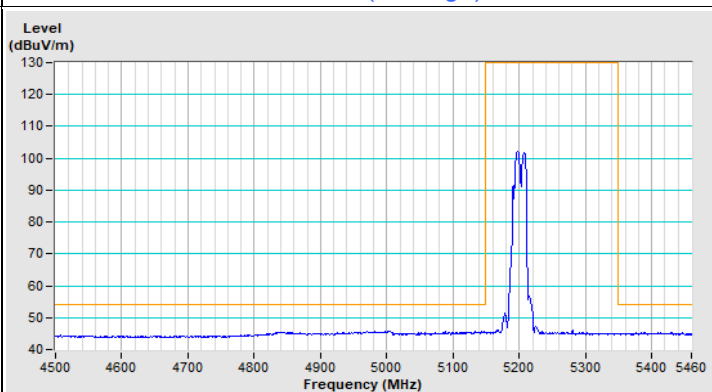
Horizontal (Peak)



Horizontal (Average)

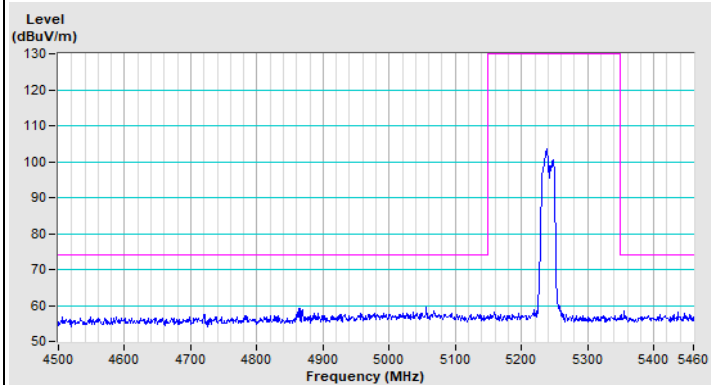


Vertical (Peak)

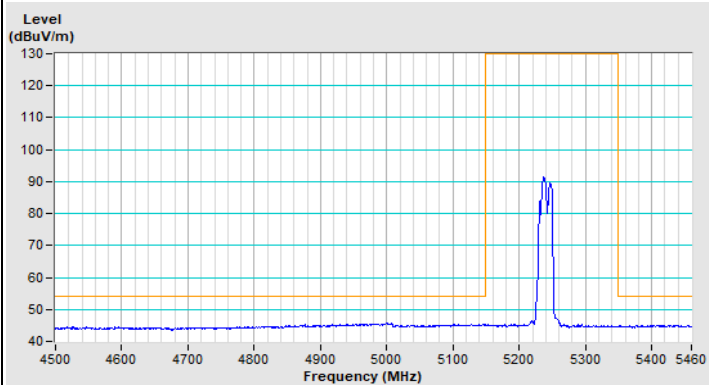


Vertical (Average)

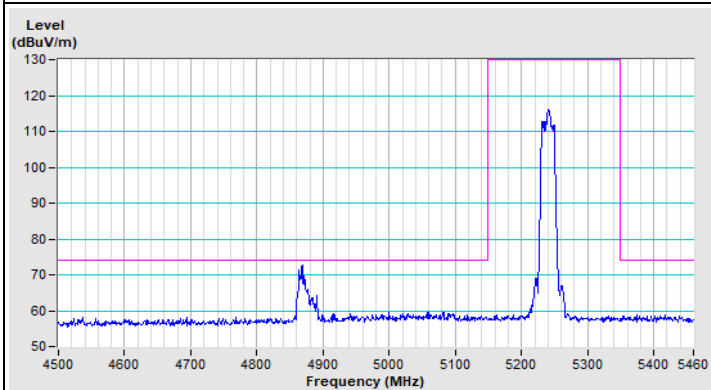
802.11ax (HE20) Channel 48



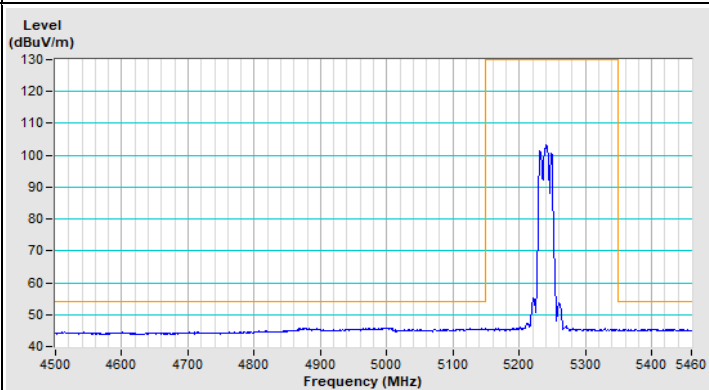
Horizontal (Peak)



Horizontal (Average)



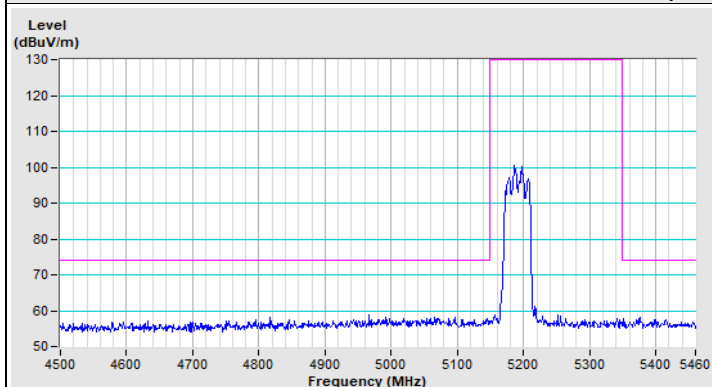
Vertical (Peak)



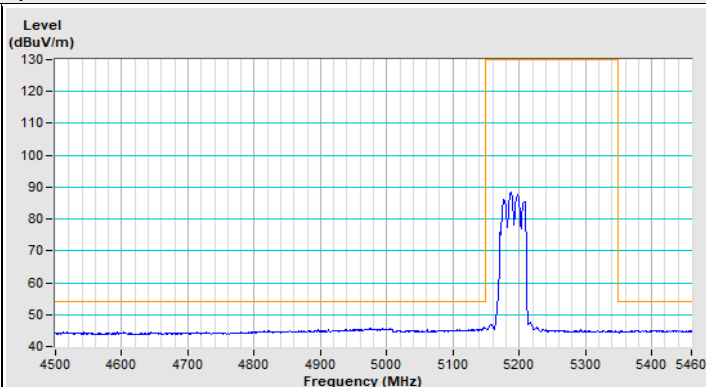
Vertical (Average)

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
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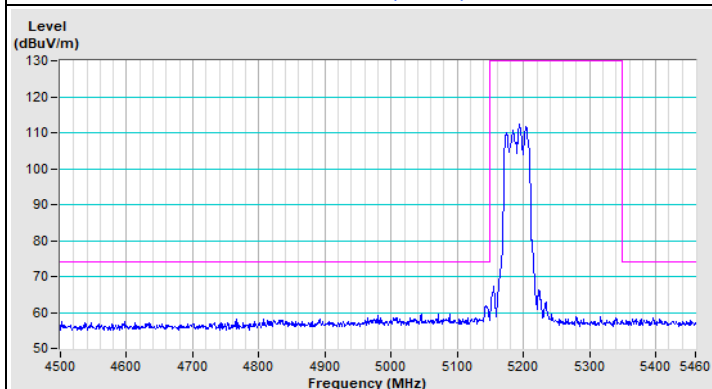
802.11ax (HE40) Channel 38



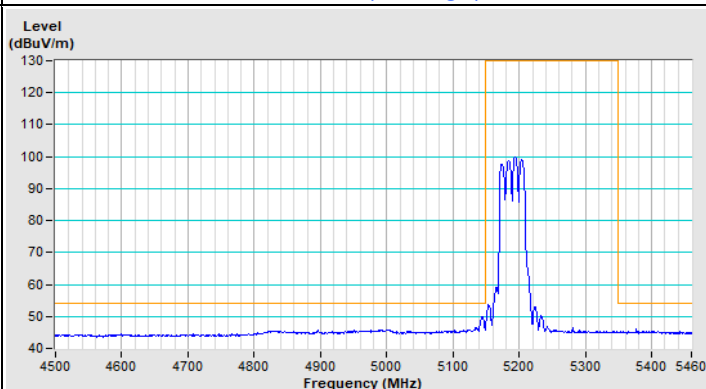
Horizontal (Peak)



Horizontal (Average)

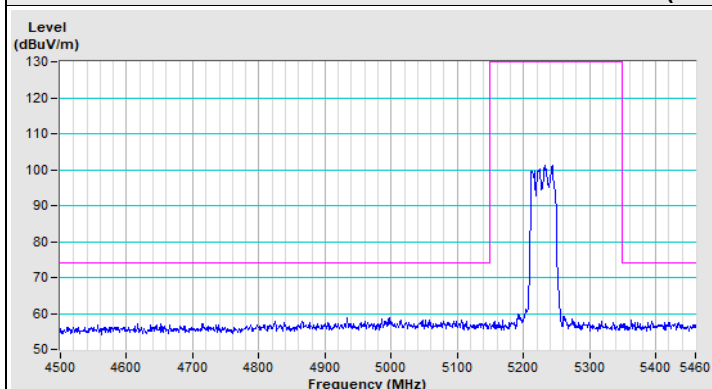


Vertical (Peak)

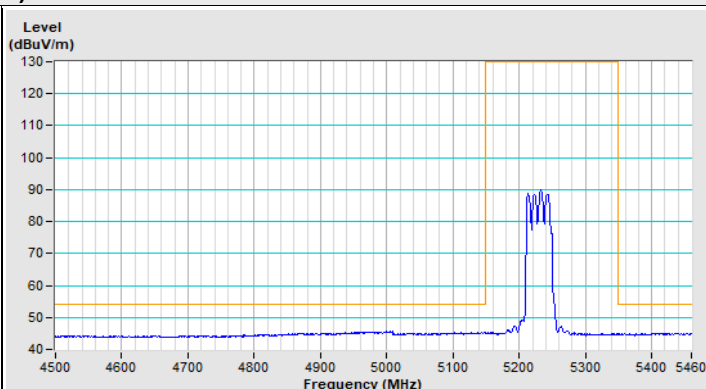


Vertical (Average)

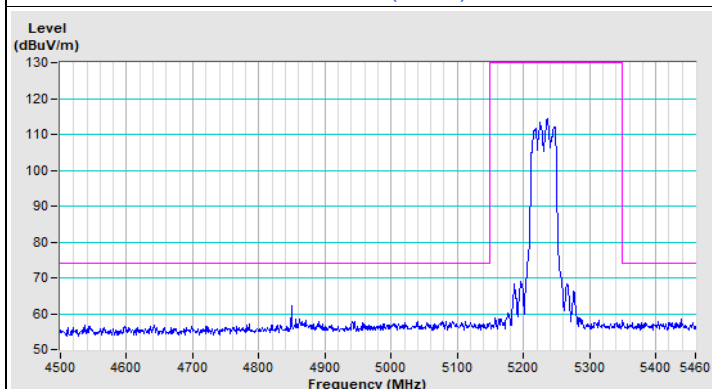
802.11ax (HE40) Channel 46



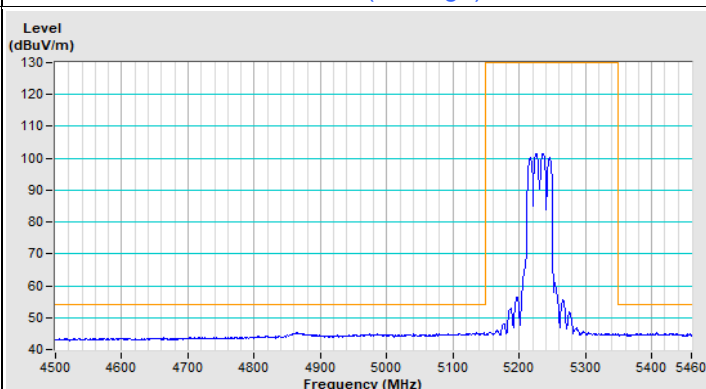
Horizontal (Peak)



Horizontal (Average)



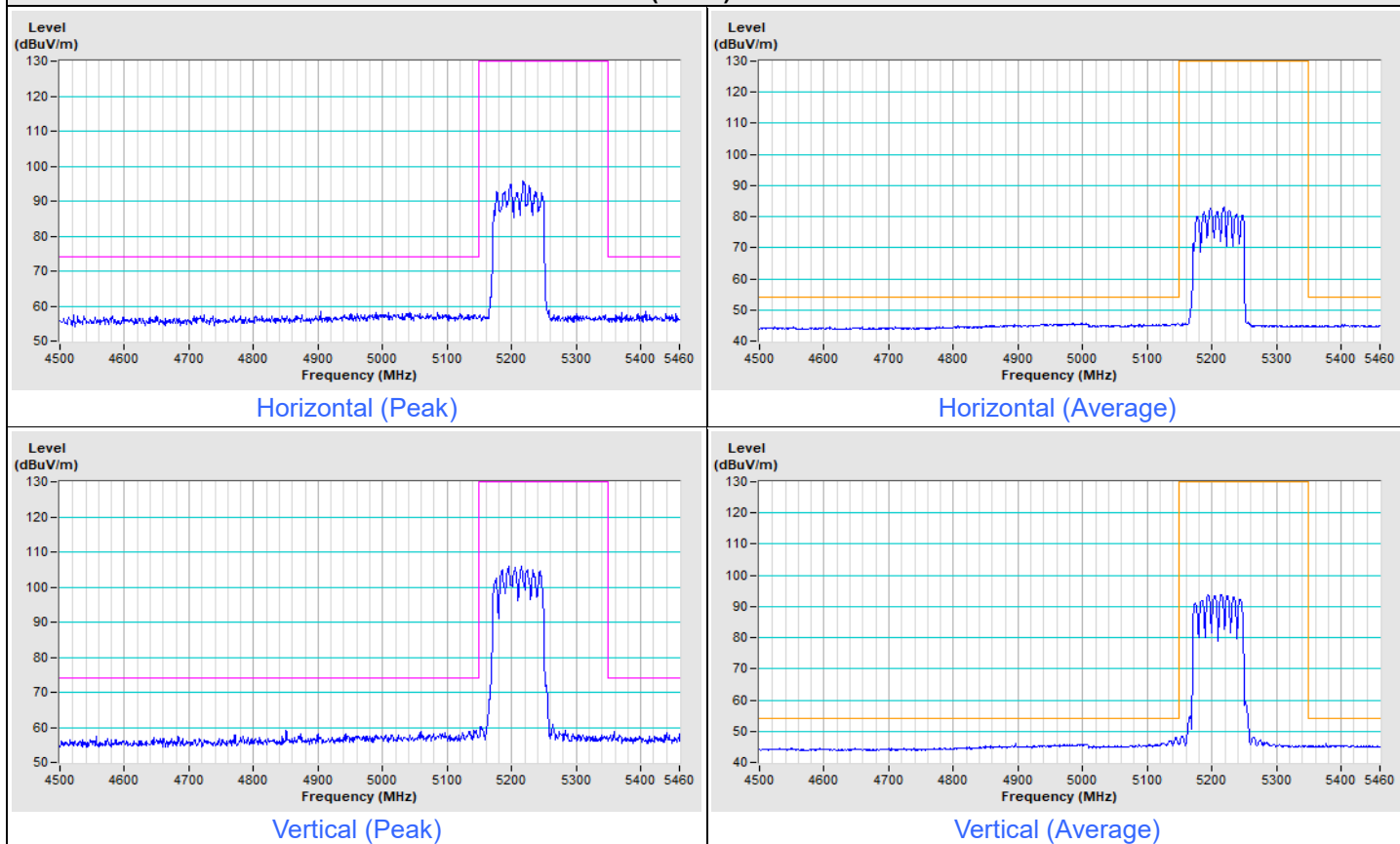
Vertical (Peak)



Vertical (Average)

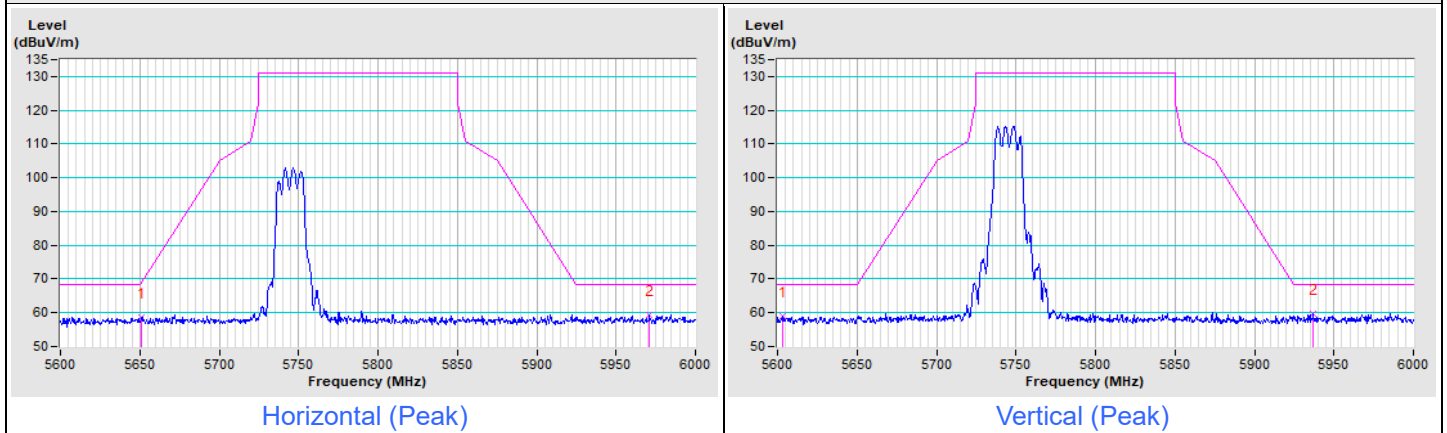
Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
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802.11ax (HE80) Channel 42

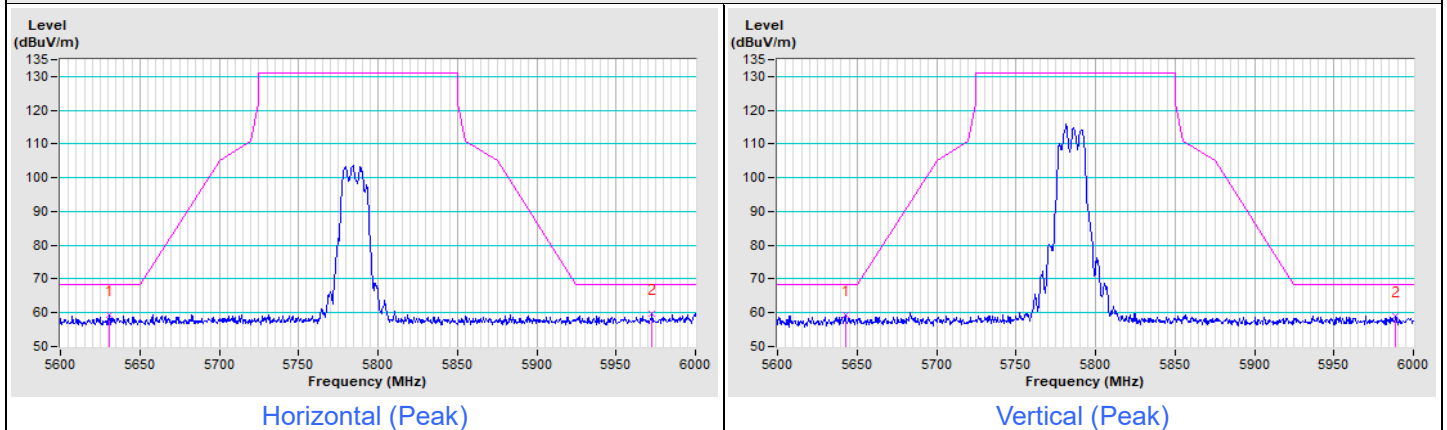


Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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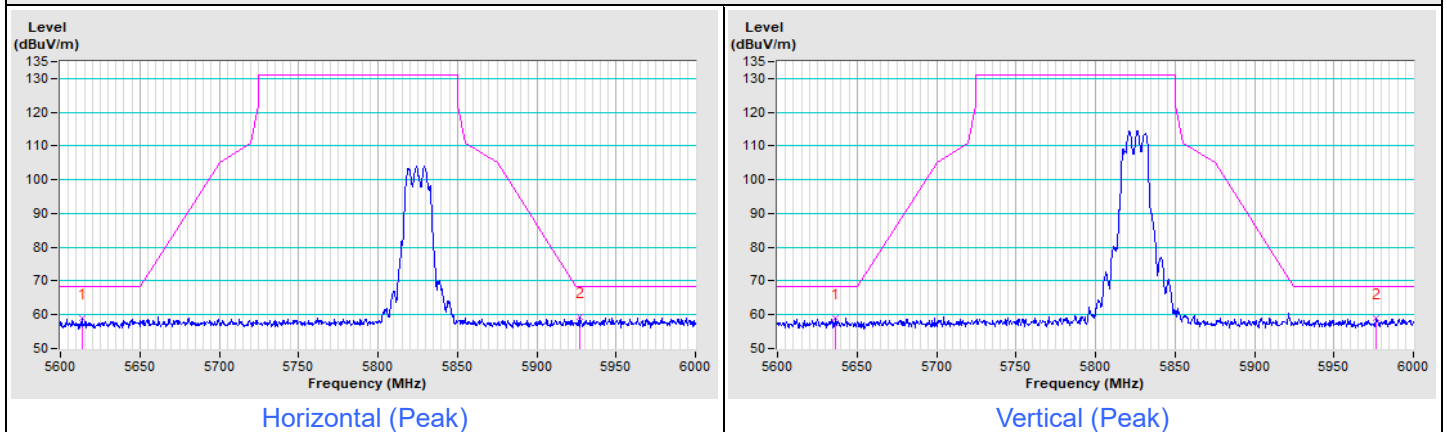
802.11a Channel 149



802.11a Channel 157

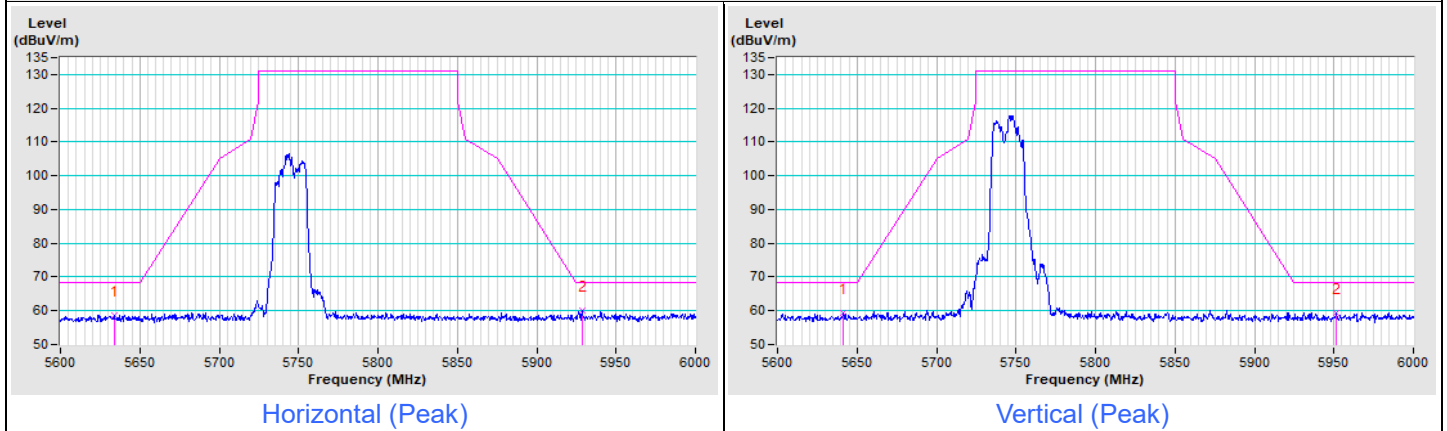


802.11a Channel 165

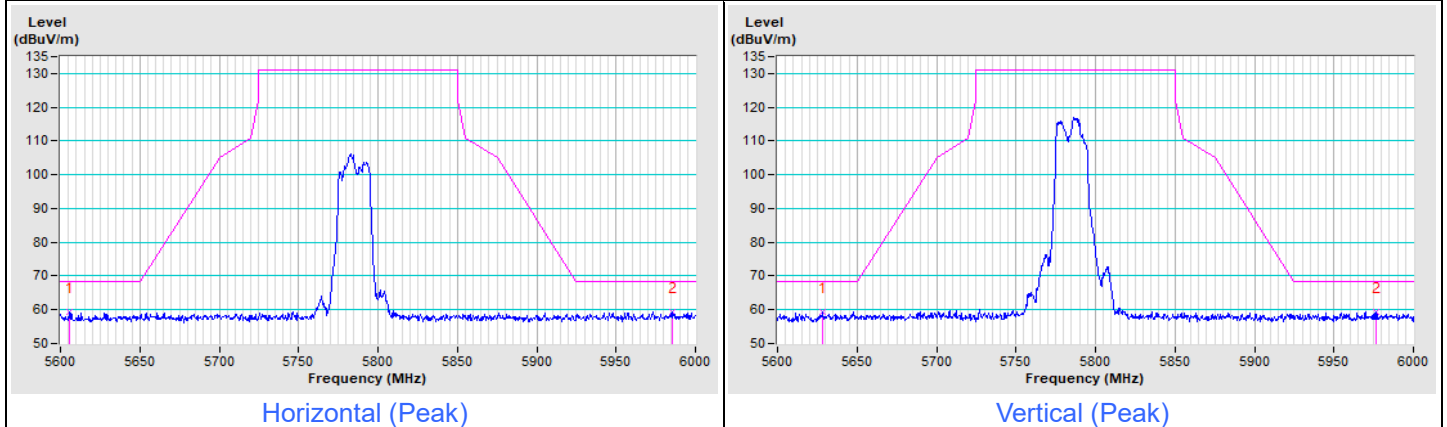


Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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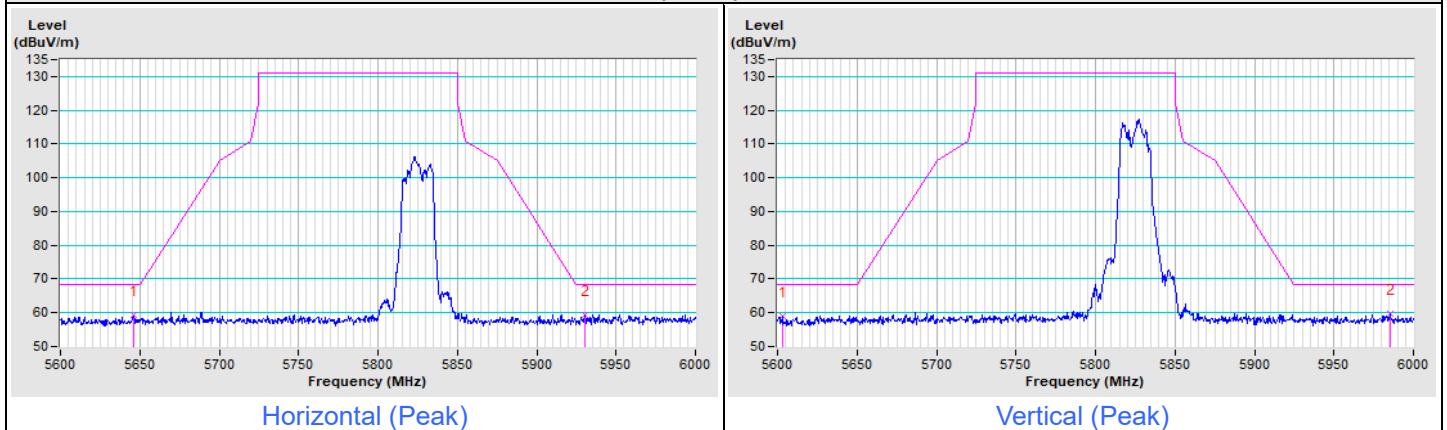
802.11ax (HE20) Channel 149



802.11ax (HE20) Channel 157

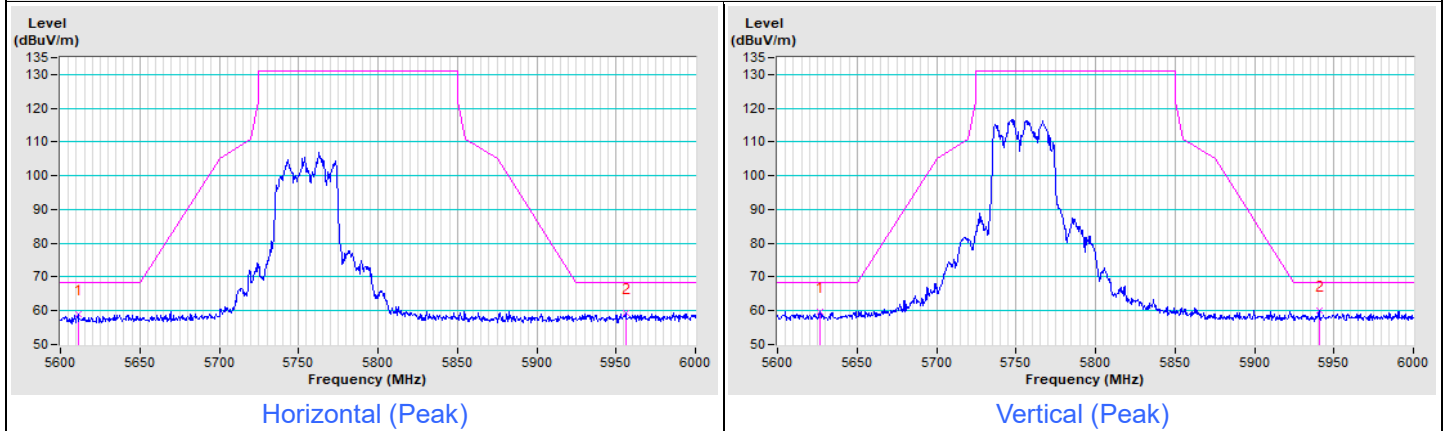


802.11ax (HE20) Channel 165

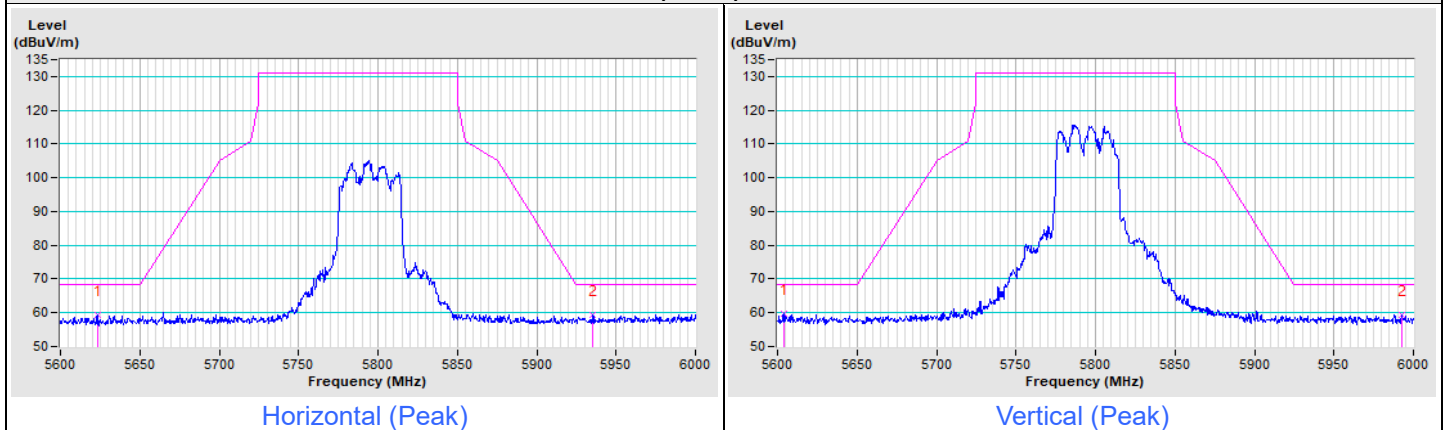


Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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802.11ax (HE40) Channel 151

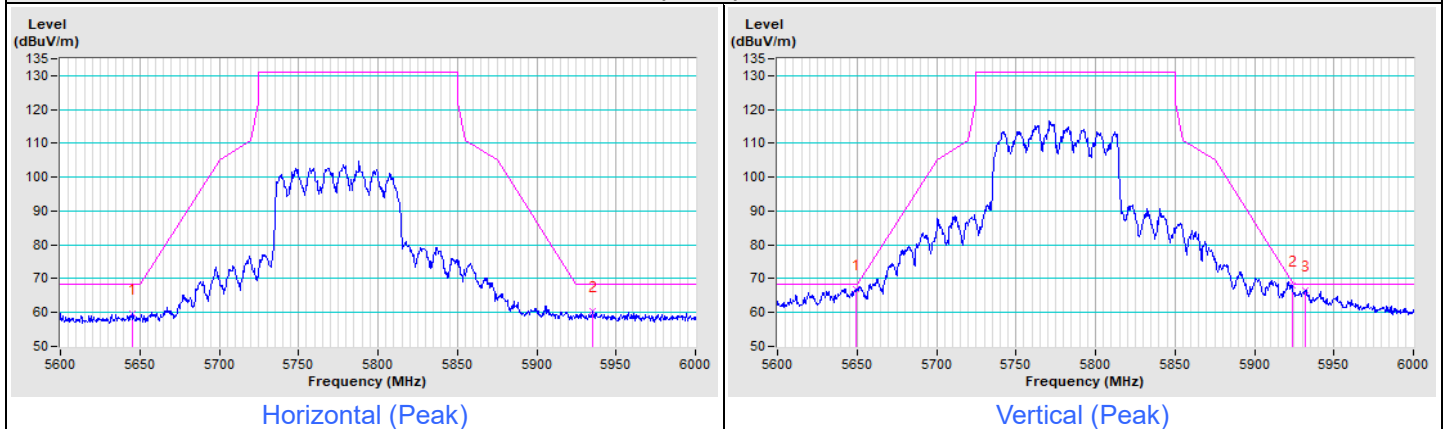


802.11ax (HE40) Channel 159



Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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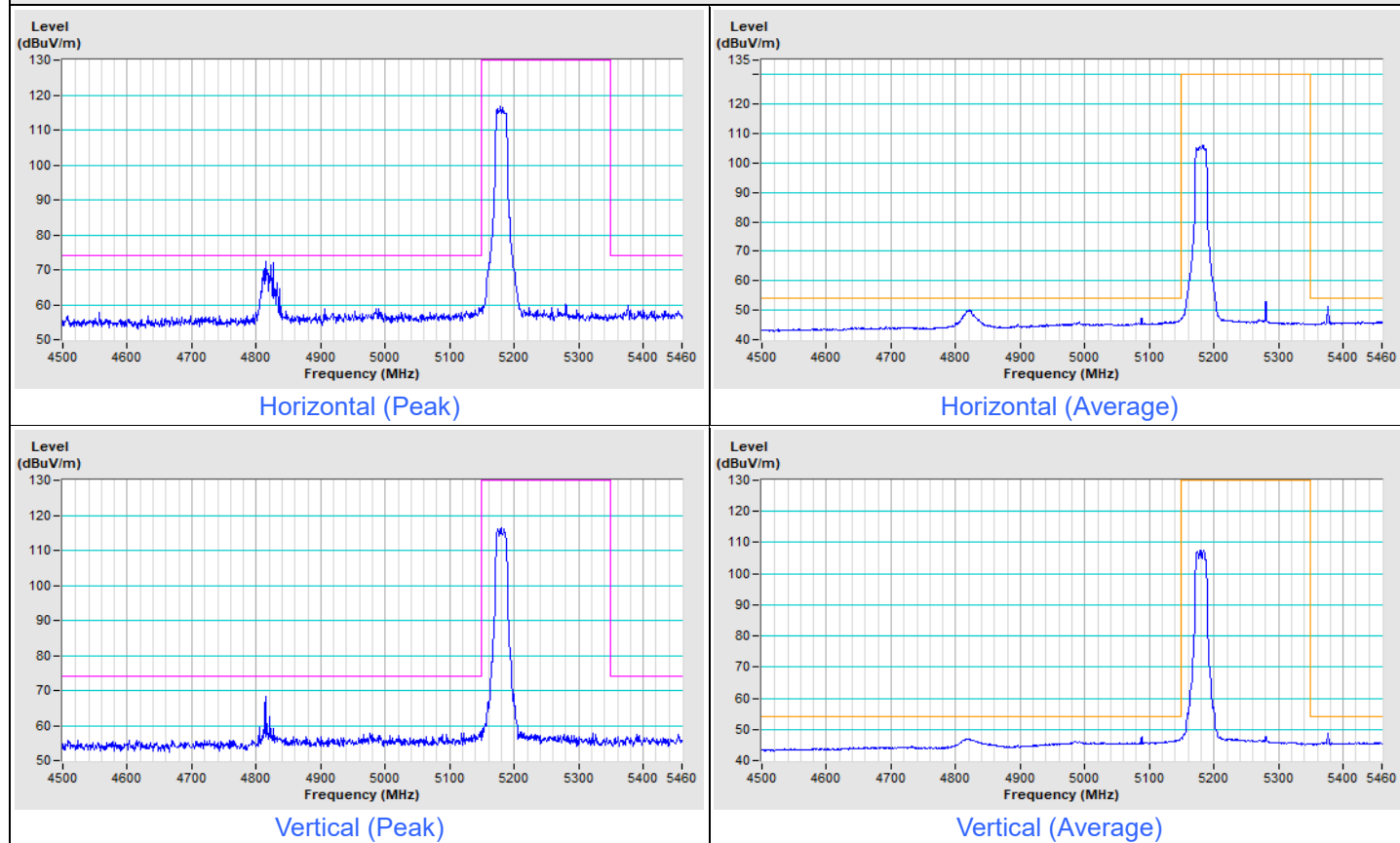
802.11ax (HE80) Channel 155



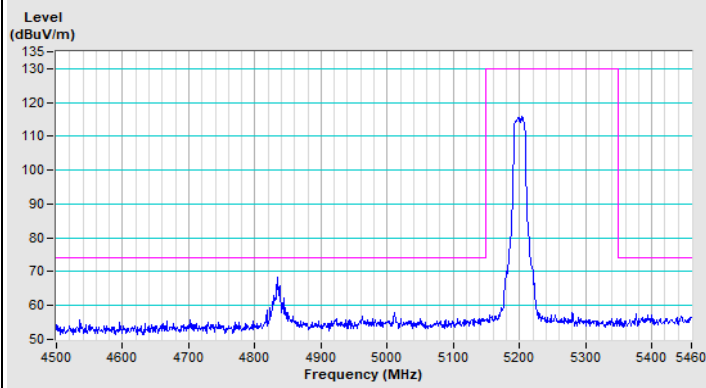
Mode B

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
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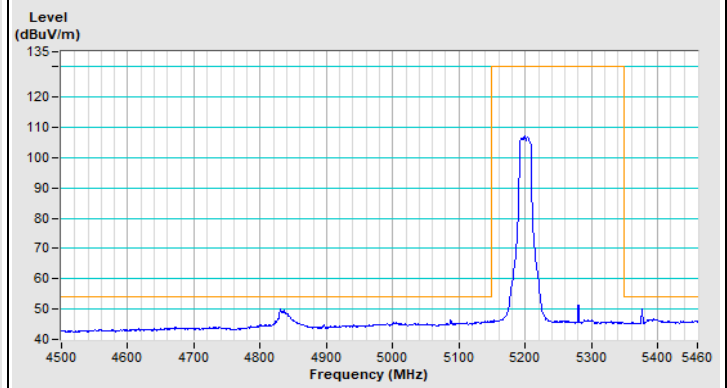
802.11a Channel 36



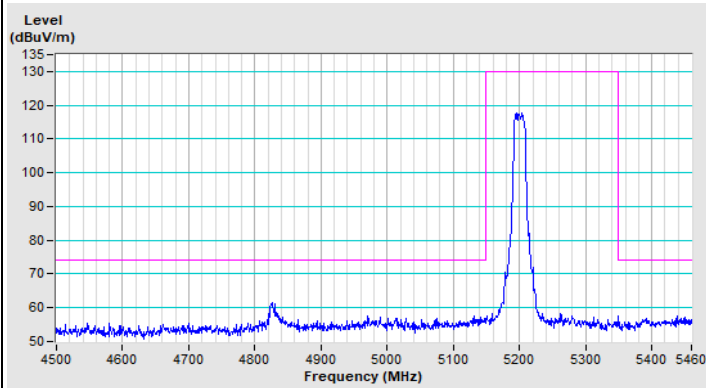
802.11a Channel 40



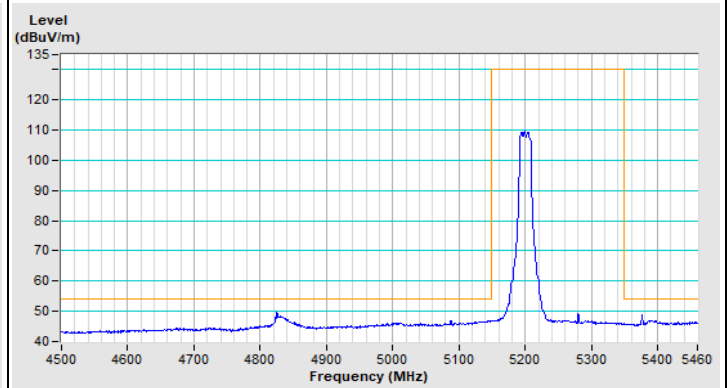
Horizontal (Peak)



Horizontal (Average)

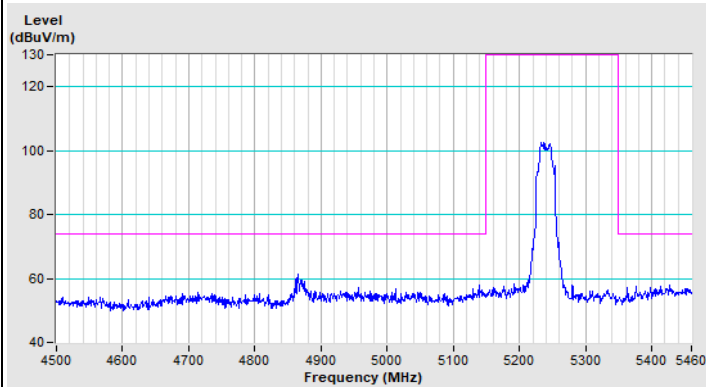


Vertical (Peak)

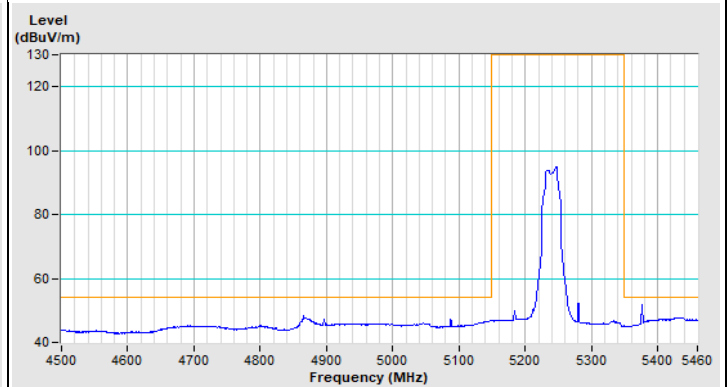


Vertical (Average)

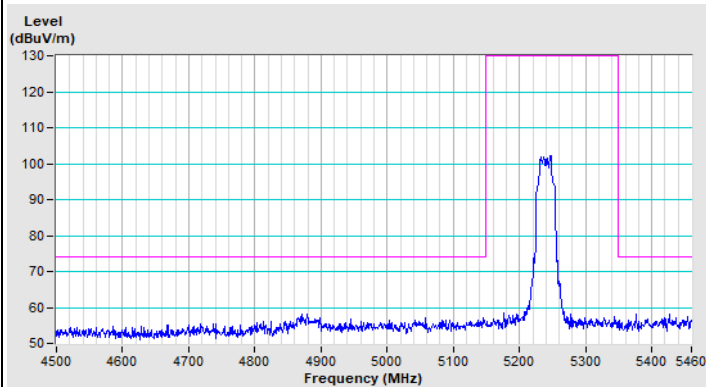
802.11a Channel 48



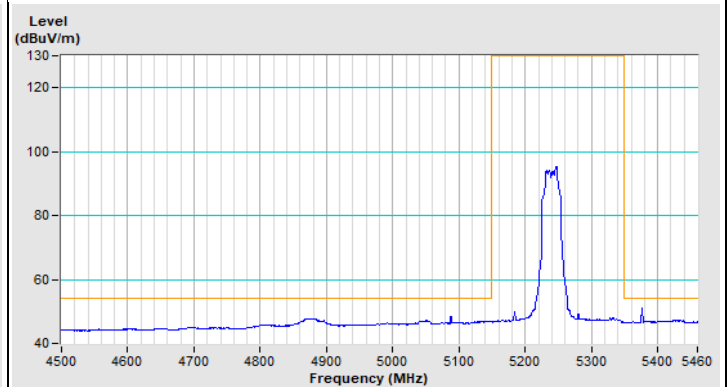
Horizontal (Peak)



Horizontal (Average)



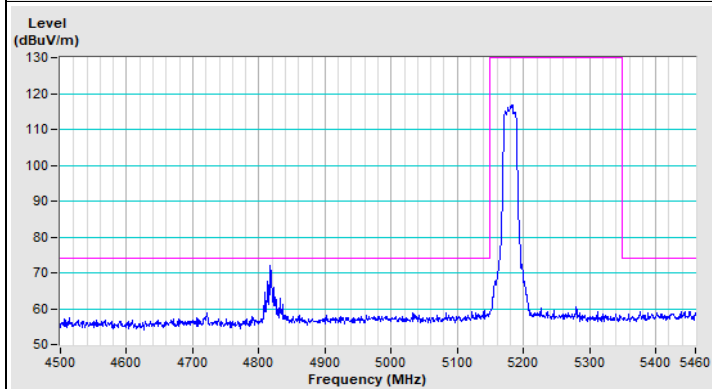
Vertical (Peak)



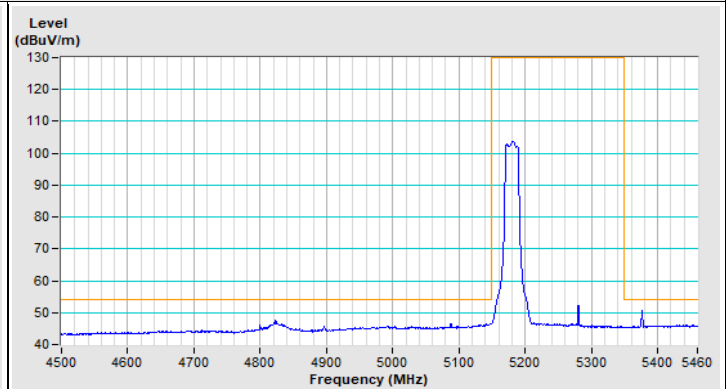
Vertical (Average)

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
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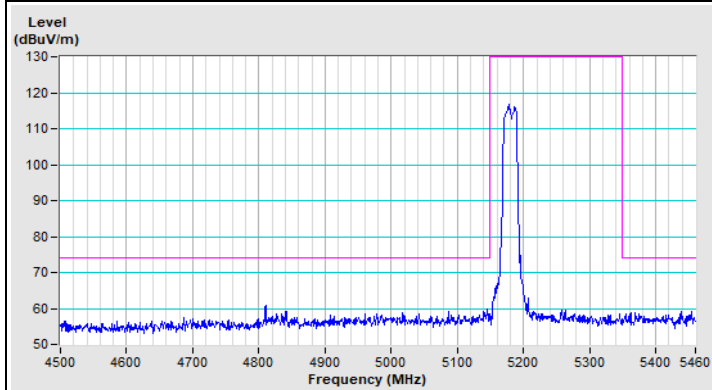
802.11ax (HE20) Channel 36



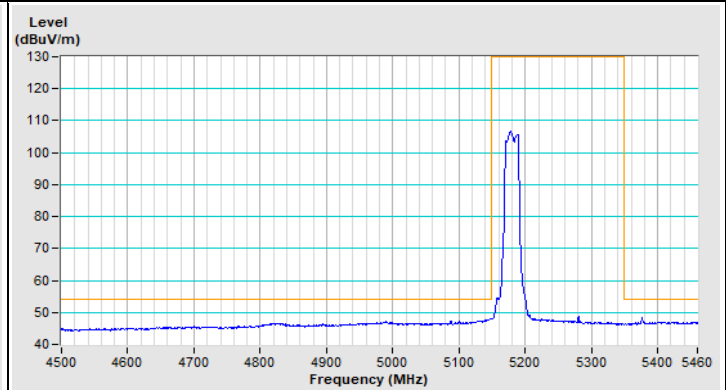
Horizontal (Peak)



Horizontal (Average)

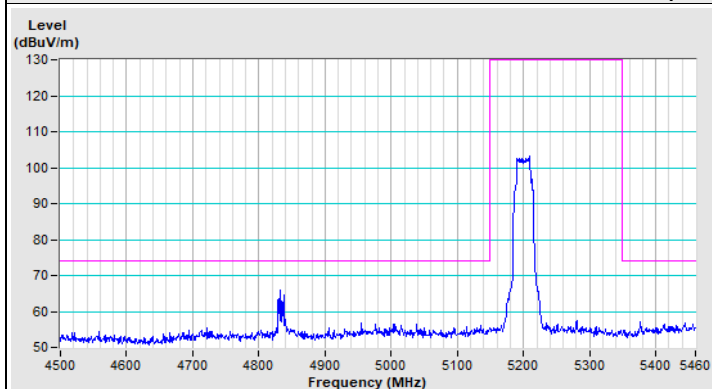


Vertical (Peak)

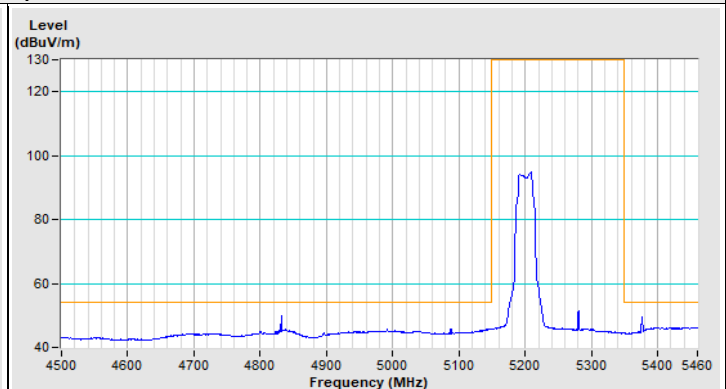


Vertical (Average)

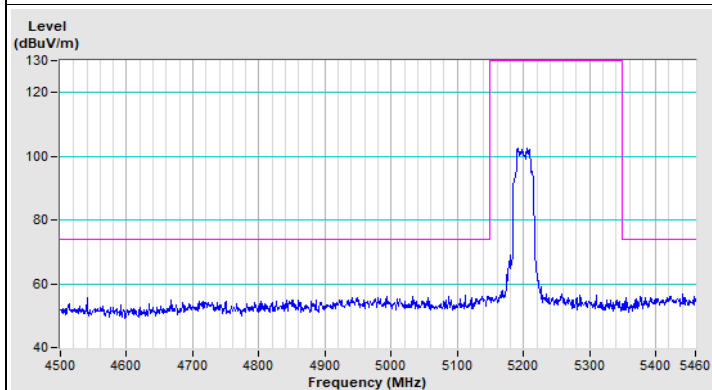
802.11ax (HE20) Channel 40



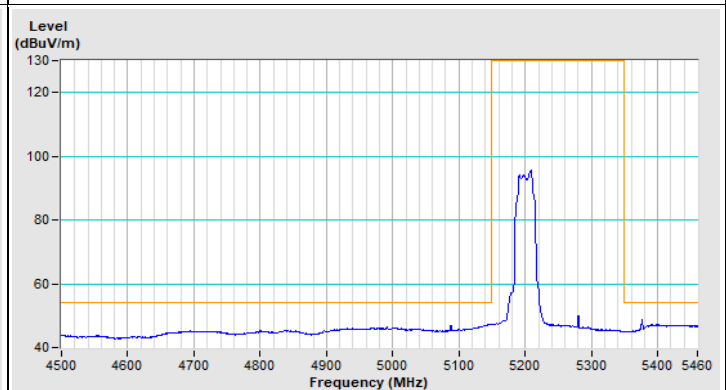
Horizontal (Peak)



Horizontal (Average)

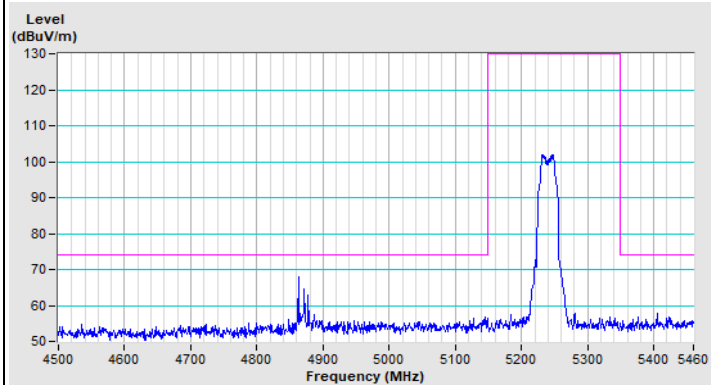


Vertical (Peak)

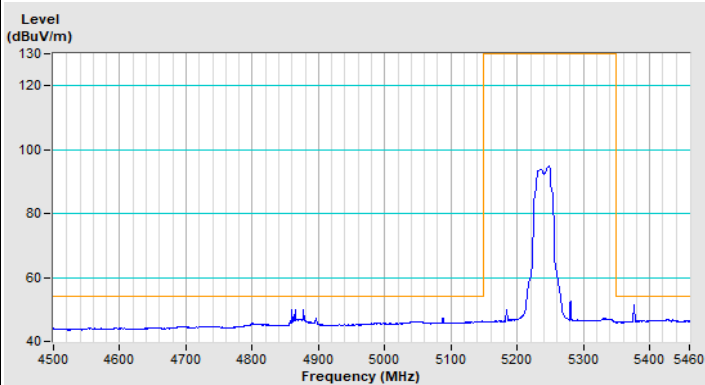


Vertical (Average)

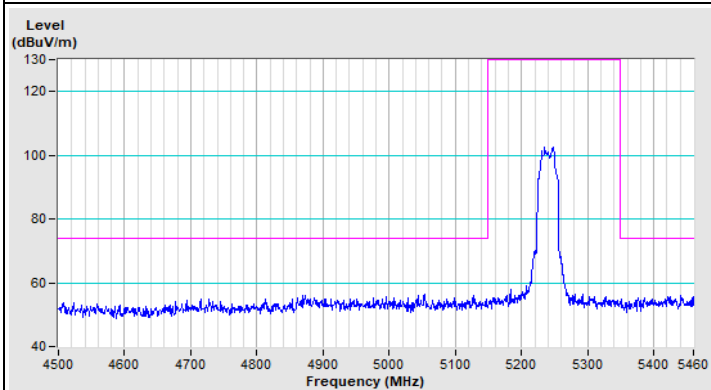
802.11ax (HE20) Channel 48



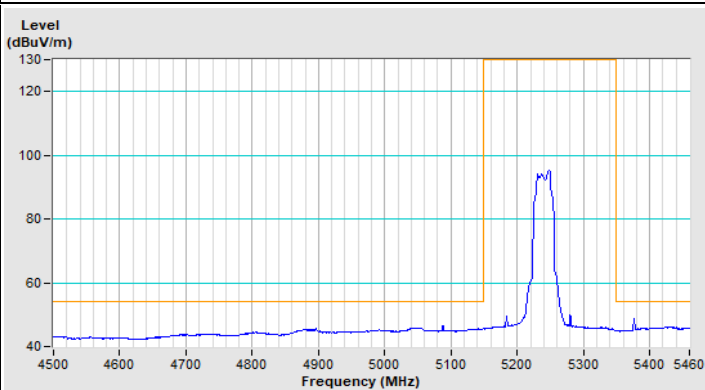
Horizontal (Peak)



Horizontal (Average)



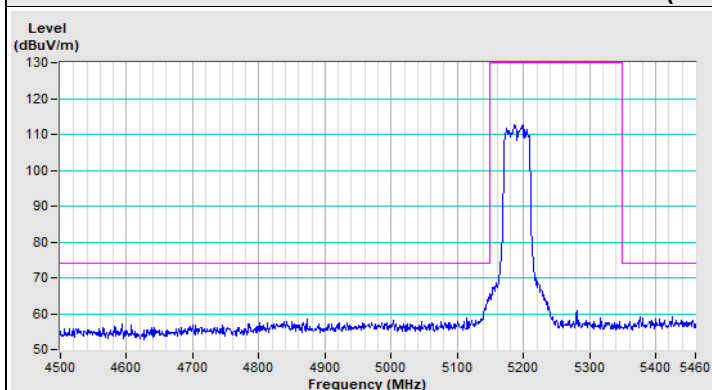
Vertical (Peak)



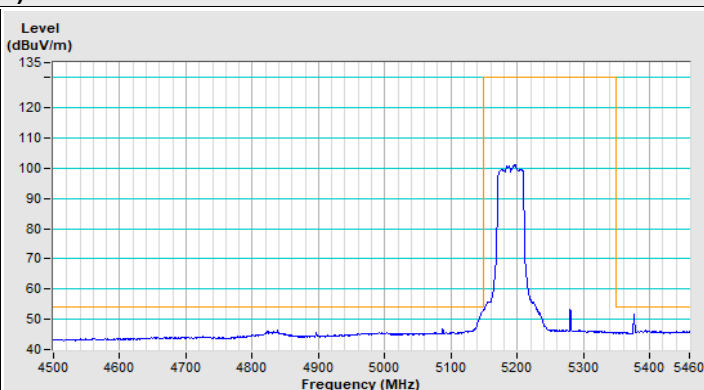
Vertical (Average)

Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
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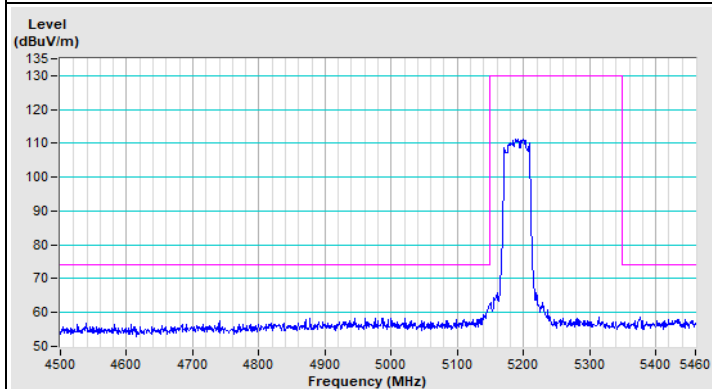
802.11ax (HE40) Channel 38



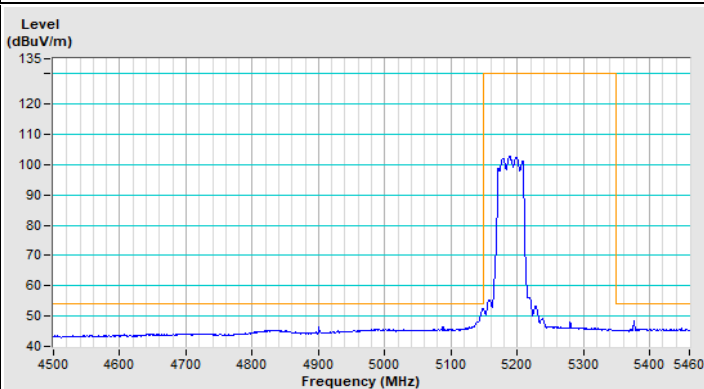
Horizontal (Peak)



Horizontal (Average)

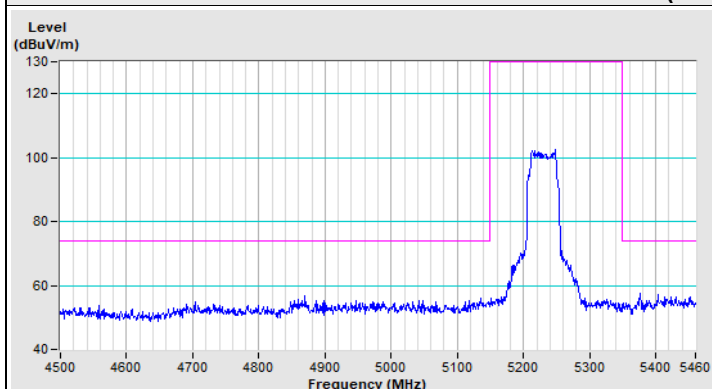


Vertical (Peak)

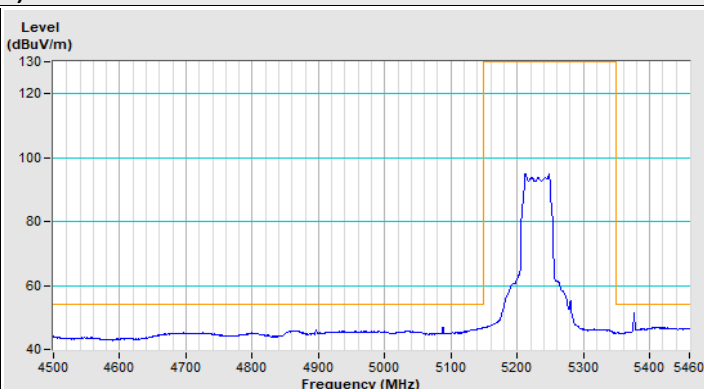


Vertical (Average)

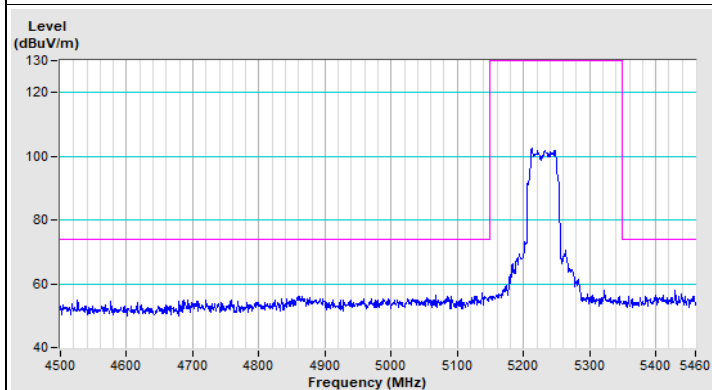
802.11ax (HE40) Channel 46



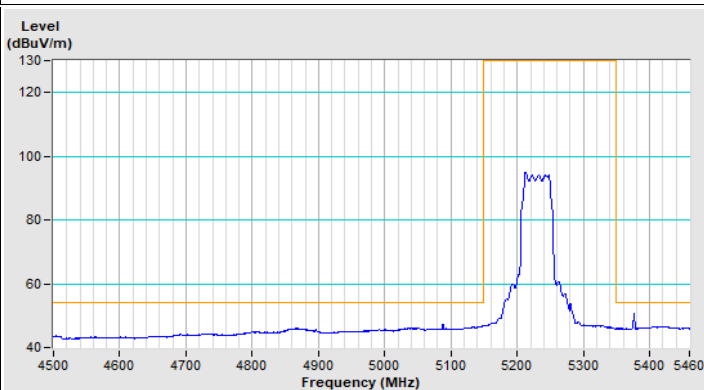
Horizontal (Peak)



Horizontal (Average)



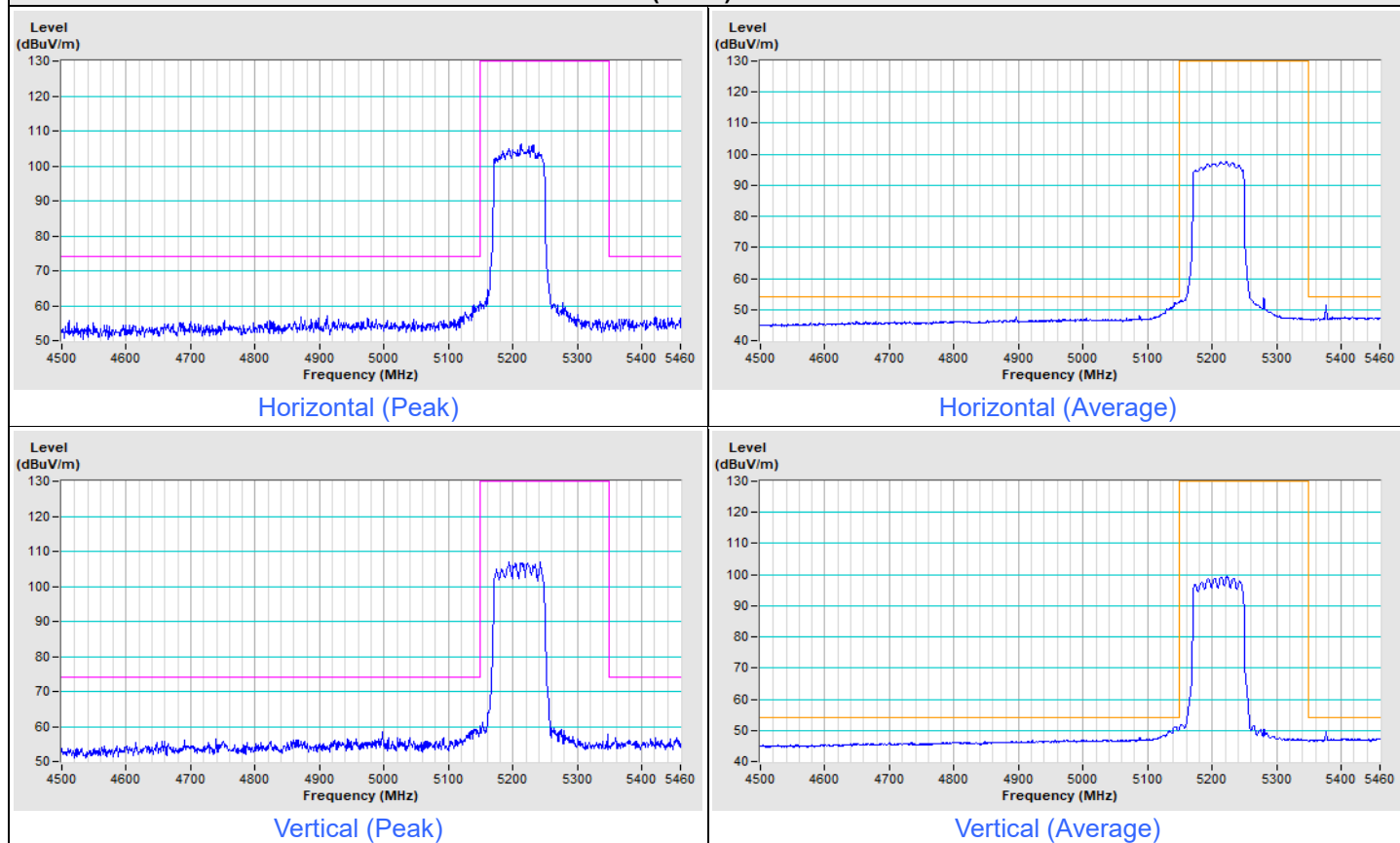
Vertical (Peak)



Vertical (Average)

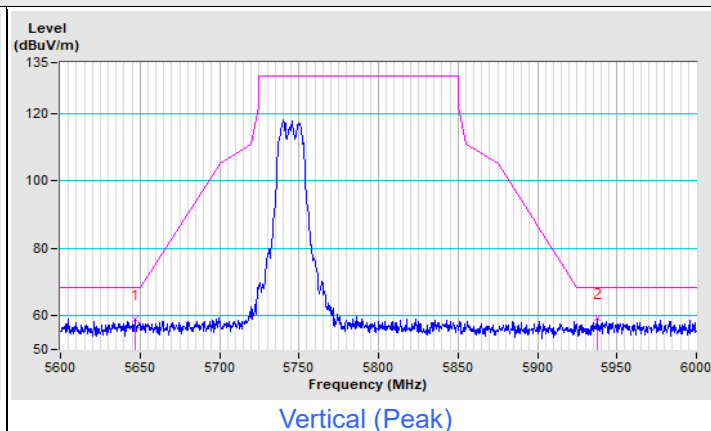
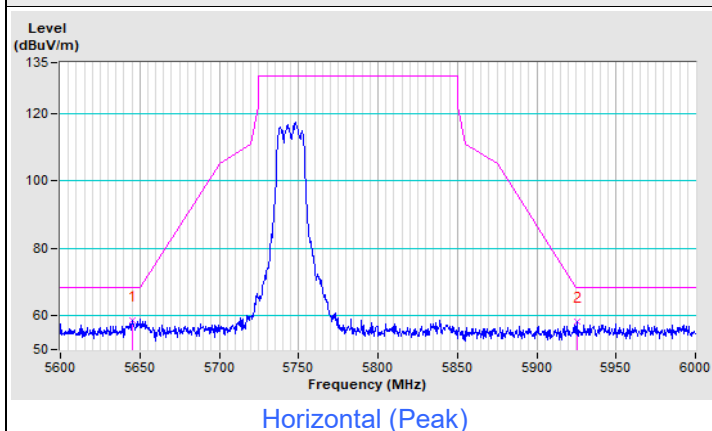
Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
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802.11ax (HE80) Channel 42

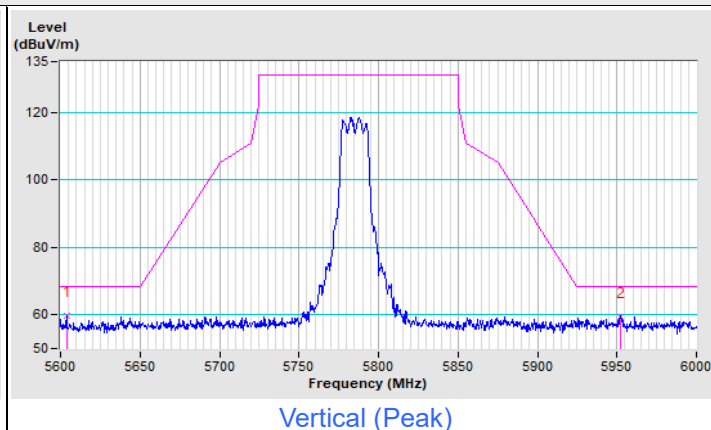
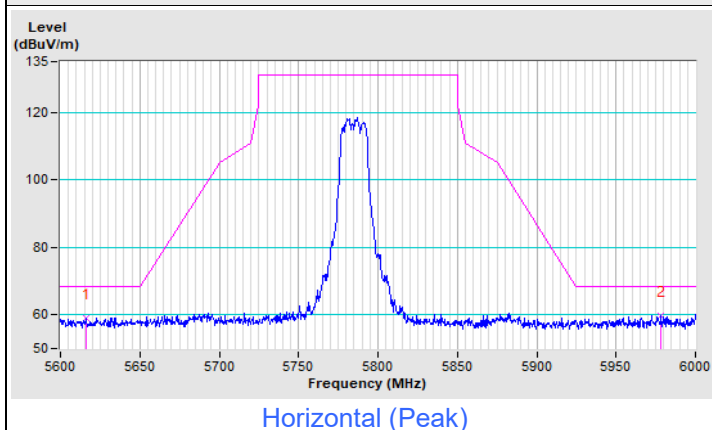


Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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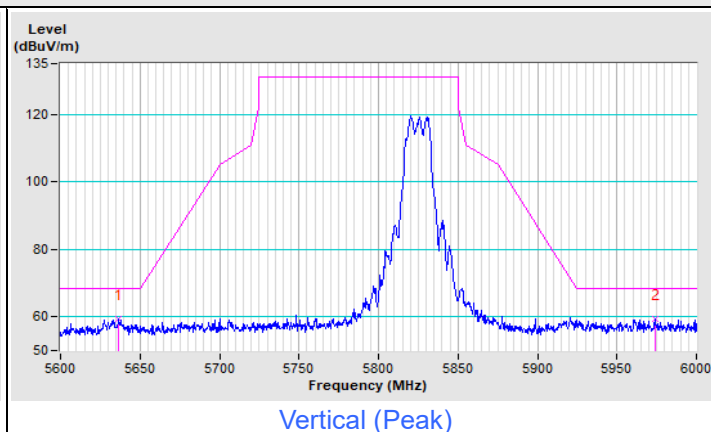
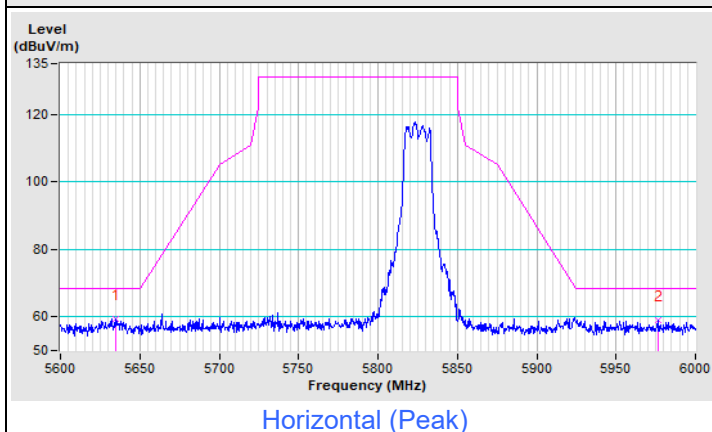
802.11a Channel 149



802.11a Channel 157

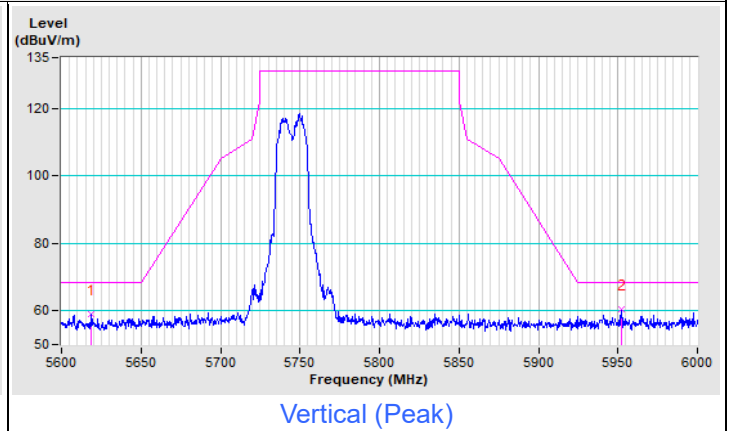
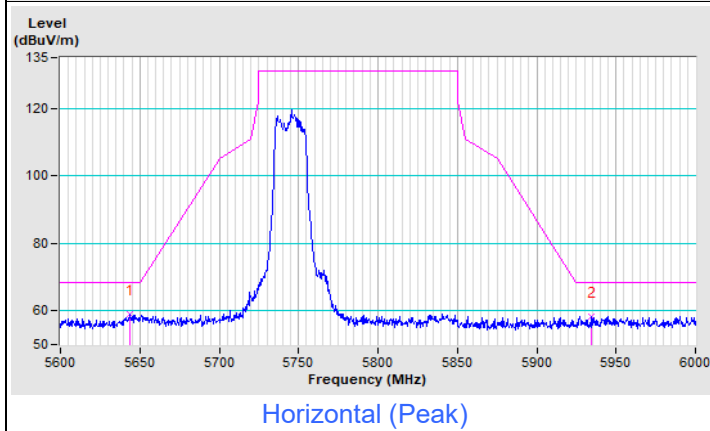


802.11a Channel 165

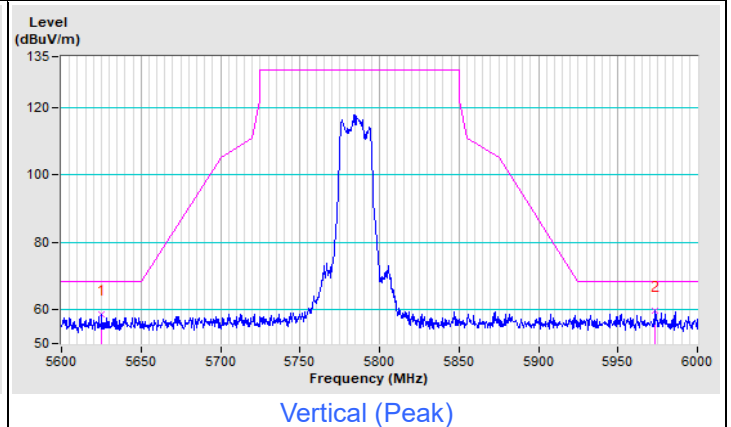
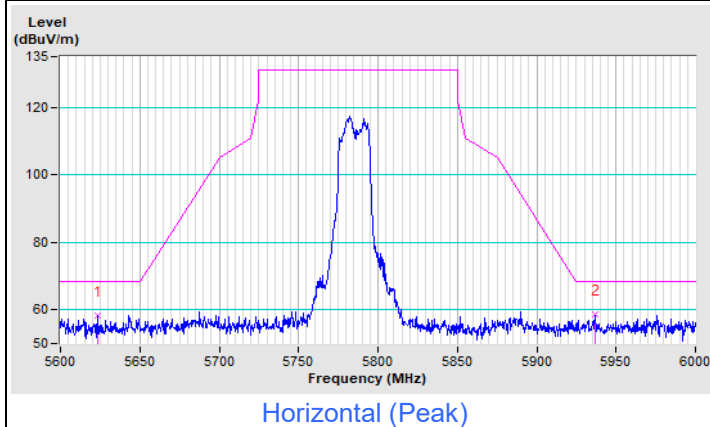


Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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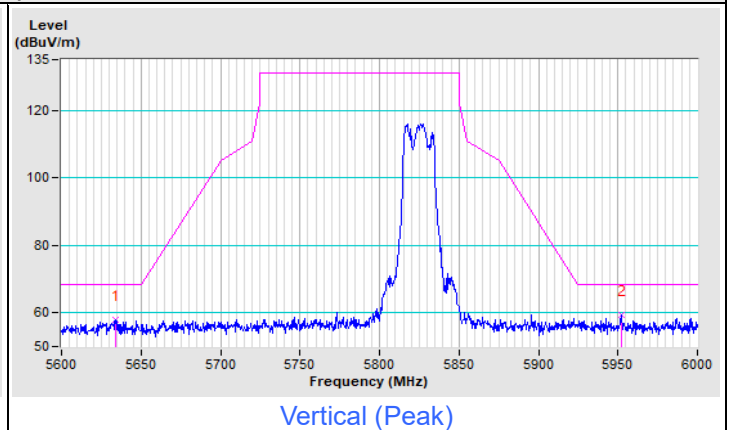
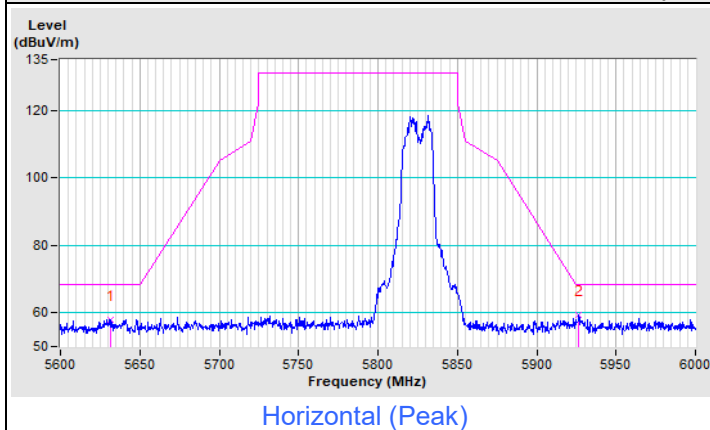
802.11ax (HE20) Channel 149



802.11ax (HE20) Channel 157

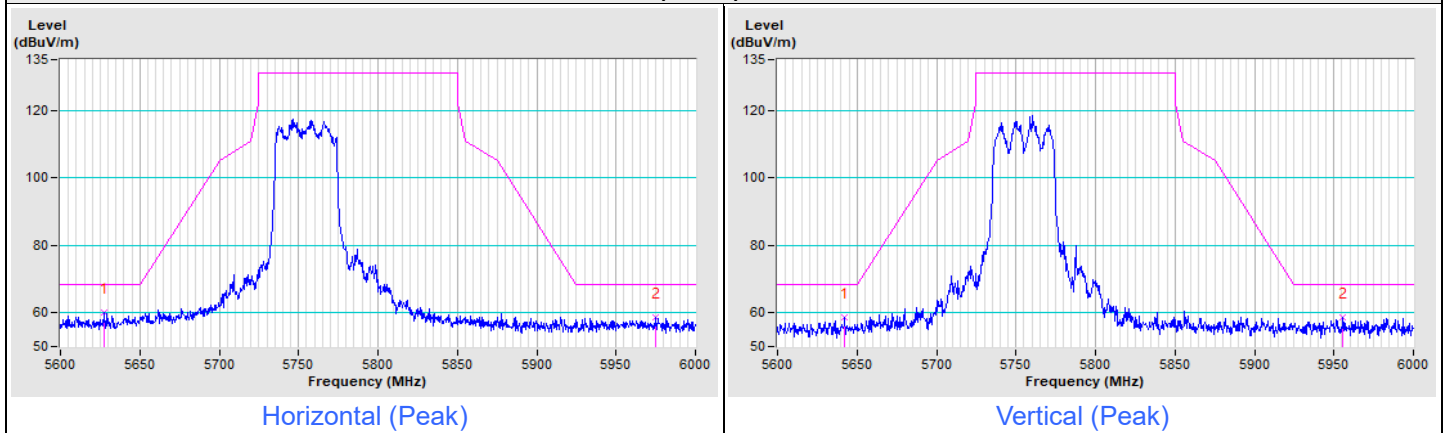


802.11ax (HE20) Channel 165

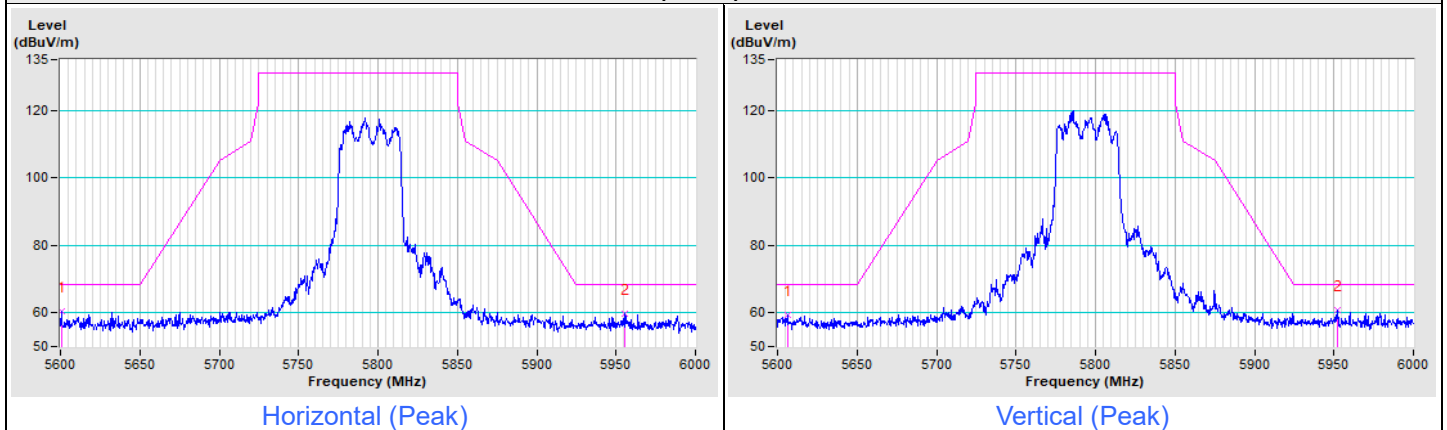


Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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802.11ax (HE40) Channel 151

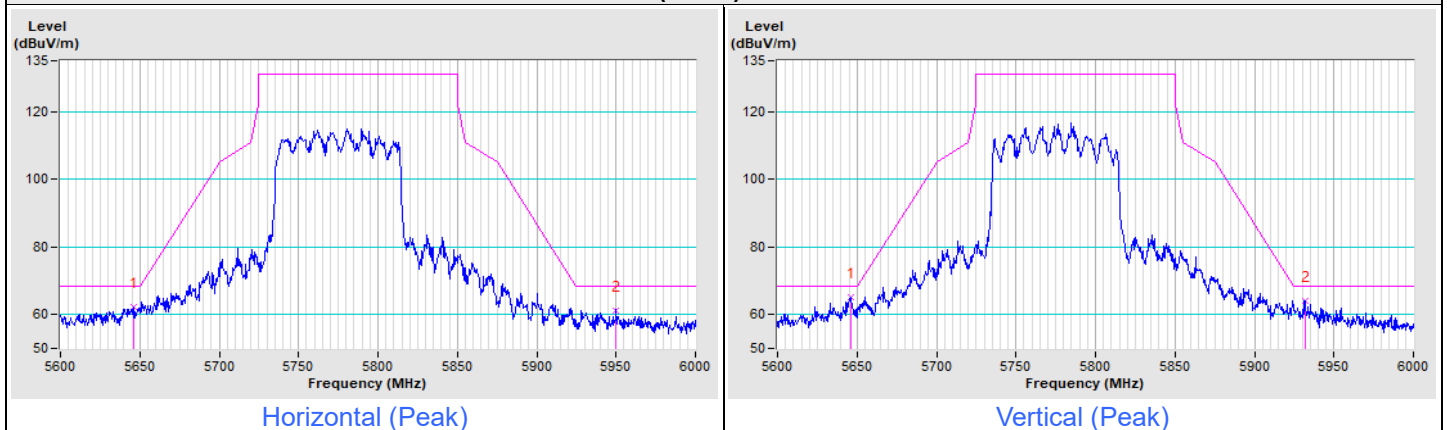


802.11ax (HE40) Channel 159



Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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802.11ax (HE80) Channel 155



8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

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

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

Lin Kou EMC/RF Lab

Tel: 886-2-26052180

Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab

Tel: 886-3-6668565

Fax: 886-3-6668323

Hwa Ya EMC/RF/Safety Lab

Tel: 886-3-3183232

Fax: 886-3-3270892

Email: service.adt@bureauveritas.com

Web Site: <http://ee.bureauveritas.com.tw>

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

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