

TEST REPORT

CERTIFICATE OF CONFORMITY

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

Report No.: RFBAPP-WTW-P25060159-3

FCC ID: UDX-600196027

Product: C8121-CW-G2, C8121-W-G2

Brand: Cisco

Model No.: C8121-CW-G2

Series Model.: C8121-W-G2 (refer to item 3.1 for more details)

Received Date: 2025/6/3

Test Date: 2025/6/12 ~ 2025/9/3

Issued Date: 2025/11/21

Applicant: Cisco Systems, Inc.

Address: 170 West Tasman Drive, San Jose, CA 95134 USA

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

FCC Registration / 788550 / TW0003

Designation Number:

Approved by: Jeremy Lin, Date: 2025/11/21
Jeremy Lin / Project Engineer

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Prepared by : Lena Wang / Specialist

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Release Control Record

Issue No.	Description	Date Issued
RFBAPP-WTW-P25060159-3	Original release.	2025/11/21

1 Certificate

Product: C8121-CW-G2, C8121-W-G2

Brand: Cisco

Test Model: C8121-CW-G2

Series Model: C8121-W-G2 (refer to item 3.1 for more details)

Sample Status: Engineering sample

Applicant: Cisco Systems, Inc.

Test Date: 2025/6/12 ~ 2025/9/3

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

Measurement ANSI C63.10-2020

procedure: 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)(2)	26 dB Bandwidth	-	For U-NII-2A U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.
15.407(a)(1) 15.407(a)(2) 15.407(a)(3)	RF Output Power	Pass	Meet the requirement of limit.
15.407(a)(1) 15.407(a)(2) 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 -5.29 dB at 0.48200 MHz
15.407(b)(9)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -5.7 dB at 32.81 MHz and 45.46 MHz
15.407(b) (1/10) 15.407(b) (2/10) 15.407(b) (3/10) 15.407(b) (4(i)/10)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -0.1 dB at 5150.00 MHz and 5460.00 MHz
15.203	Antenna Requirement	Pass	Antenna connector is ipex(MHF) 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) (±)
26 dB Bandwidth	-	206.5 Hz
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	2.88 dB
Unwanted Emissions below 1 GHz	9 kHz ~ 30 MHz	3.59 dB
	30 MHz ~ 1 GHz	3.64 dB
Unwanted Emissions above 1 GHz	1 GHz ~ 18 GHz	2.29 dB
	18 GHz ~ 40 GHz	2.29 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	C8121-CW-G2, C8121-W-G2
Brand	Cisco
Test Model	C8121-CW-G2
Series Model	C8121-W-G2
Model Difference	Refer to Note as below
Status of EUT	Engineering sample
Power Supply Rating	54 Vdc (Adapter)
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 1201.0 Mbps
Operating Frequency	5.18 GHz ~ 5.25 GHz 5.25 GHz ~ 5.32 GHz 5.5 GHz ~ 5.72 GHz 5.745 GHz ~ 5.825 GHz
Number of Channel	802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 25 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 12 802.11ac (VHT80), 802.11ax (HE80): 6
Output Power	5.18 GHz ~ 5.25 GHz : 463.697 mW (26.66 dBm) 5.25 GHz ~ 5.32 GHz : 205.653 mW (23.13 dBm) 5.5 GHz ~ 5.72 GHz : 208.549 mW (23.19 dBm) 5.745 GHz ~ 5.825 GHz : 461.526 mW (26.64 dBm)
EUT Category	Indoor Access Point

Note:

1. All models are listed as below.

Brand	Model	Difference
Cisco	C8121-CW-G2	WIFI+WWAN (Contains FCCC ID: N7NEM92)
	C8121-W-G2	WIFI only

2. The EUT uses following accessories.

Item	Brand	Model	Specification
AC Adapter 1	LITE-ON	PA-1251-54	AC Input : 100-240V, 4A, 50-60Hz DC Output : 54V, 4.63A, 250W DC Output Cable : 1.45M with 2 core
AC Adapter 2	DELTA	ADH-250AR B	AC Input : 100-240V, 3.2A, 50-60Hz DC Output : 54V, 4.63A, 250.02W DC Output Cable : 1.47M with 1 core
AC Adapter 3	PHIHONG	AM250U-540A	AC Input : 100-240V, 3.5A, 50-60Hz DC Output : 54V, 4.63A, 250W DC Output Cable : 1.47M with 1 core

3. There are WLAN (2.4 GHz & 5 GHz & 5.9 GHz) technology used for the EUT.

4. Simultaneously transmission combination.

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

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

5. 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.	Brand	Model	Antenna Net Gain(dBi)	Frequency range	Antenna Type	Connector Type
0	Aristotle	RFA-12-AUX-P6	2.28	2.4~2.4835GHz	Dipole	ipex(MHF)
			1.47	5.15~5.25GHz		
			2.19	5.25~5.35GHz		
			3.8	5.47~5.725GHz		
			3.8	5.725~5.85GHz		
			3.32	5.85~5.895GHz		
1	Aristotle	RFA-12-MAIN-P5	3.31	2.4~2.4835GHz	Dipole	ipex(MHF)
			5.01	5.15~5.25GHz		
			4.44	5.25~5.35GHz		
			4.67	5.47~5.725GHz		
			5.97	5.725~5.85GHz		
			5.26	5.85~5.895GHz		

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

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:

1. All of modulation mode support beamforming function except 802.11a modulation mode.
2. The EUT support Beamforming and CDD mode, therefore both mode were investigated and the worst case scenario was identified. The worst case data were presented in test report.
3. 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) and 802.11ax mode for 20 MHz (40 MHz, 80 MHz). Therefore the investigated worst case is the representative mode in test report.
4. The EUT does not use channel puncturing, but does use bandwidth reduction.

3.3 Channel List

FOR 5180 ~ 5320 MHz

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

Channel	Frequency	Channel	Frequency
36	5180 MHz	52	5260 MHz
40	5200 MHz	56	5280 MHz
44	5220 MHz	60	5300 MHz
48	5240 MHz	64	5320 MHz

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

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

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

Channel	Frequency	Channel	Frequency
42	5210 MHz	58	5290 MHz

FOR 5500 ~ 5720 MHz

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

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

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

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

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

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

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. The AC Adapter has the following models: PA-1251-54/ADH-250AR B/AM250U-540A. Pre-scan these models of AC Adapters and find the worst case as a representative test condition. 2. EUT can be used in the following ways: Lying/ Wall Mount. Pre-scan these ways and find the worst case as a representative test condition.
Worst Case:	1. AC Adapter Worst Condition: LITE-ON PA-1251-54 2. Lying/ Wall Mount Worst Condition:Lying Mount

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
26 dB Bandwidth	A	802.11a	CDD	52, 60, 64, 100, 116, 140, 144	BPSK	6Mb/s
		802.11ax (HE20)	CDD	52, 60, 64, 100, 116, 140, 144	BPSK	MCS0
		802.11ax (HE40)	CDD	54, 62, 102, 110, 134, 142	BPSK	MCS0
		802.11ax (HE80)	CDD	58, 106, 122, 138	BPSK	MCS0
RF Output Power	A	802.11a	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	6Mb/s
		802.11ax (HE20)	CDD & Beamforming	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0
		802.11ax (HE40)	CDD & Beamforming	38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0
		802.11ax (HE80)	CDD & Beamforming	42, 58, 106, 122, 138, 155	BPSK	MCS0
Power Spectral Density	A	802.11a	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	6Mb/s
		802.11ax (HE20)	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0
		802.11ax (HE40)	CDD	38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0
		802.11ax (HE80)	CDD	42, 58, 106, 122, 138, 155	BPSK	MCS0
6 dB Bandwidth	A	802.11a	CDD	144, 149, 157, 165	BPSK	6Mb/s
		802.11ax (HE20)	CDD	144, 149, 157, 165	BPSK	MCS0
		802.11ax (HE40)	CDD	142, 151, 159	BPSK	MCS0
		802.11ax (HE80)	CDD	138, 155	BPSK	MCS0

Test Item	EUT Configure Mode	Mode	Signal Mode	Tested Channel	Modulation	Data Rate Parameter
Occupied Bandwidth	A	802.11a	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	6Mb/s
		802.11ax (HE20)	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0
		802.11ax (HE40)	CDD	38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0
		802.11ax (HE80)	CDD	42, 58, 106, 122, 138, 155	BPSK	MCS0
AC Power Conducted Emissions	A, B	802.11ax (HE40)	CDD	46	BPSK	MCS0
Unwanted Emissions below 1 GHz	A, B	802.11ax (HE40)	CDD	46	BPSK	MCS0
Unwanted Emissions above 1 GHz	A	802.11a	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	6Mb/s
		802.11ax (HE20)	CDD	36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165	BPSK	MCS0
		802.11ax (HE40)	CDD	38, 46, 54, 62, 102, 110, 134, 142, 151, 159	BPSK	MCS0
		802.11ax (HE80)	CDD	42, 58, 106, 122, 138, 155	BPSK	MCS0
EUT Configure Mode:	A	C8121-CW-G2				
	B	C8121-W-G2				

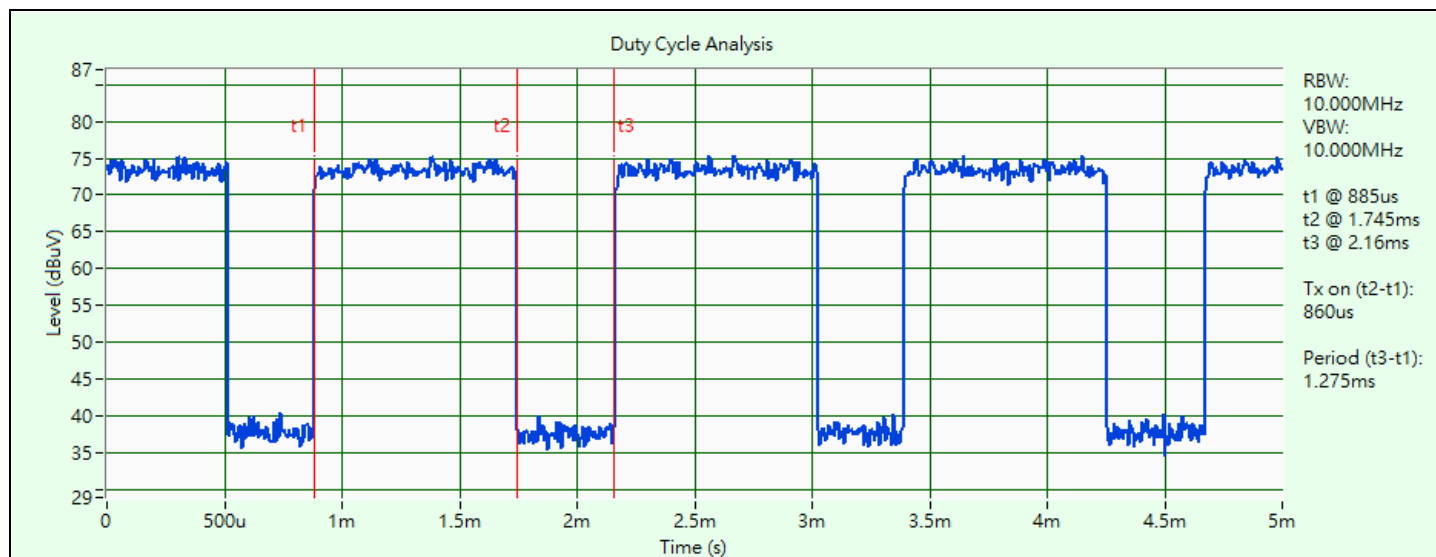
3.5 Duty Cycle of Test Signal

802.11a: Duty cycle = $0.86 \text{ ms} / 1.275 \text{ ms} \times 100\% = 67.5\%$, duty factor = $10 * \log (1/\text{Duty cycle}) = 1.71 \text{ dB}$

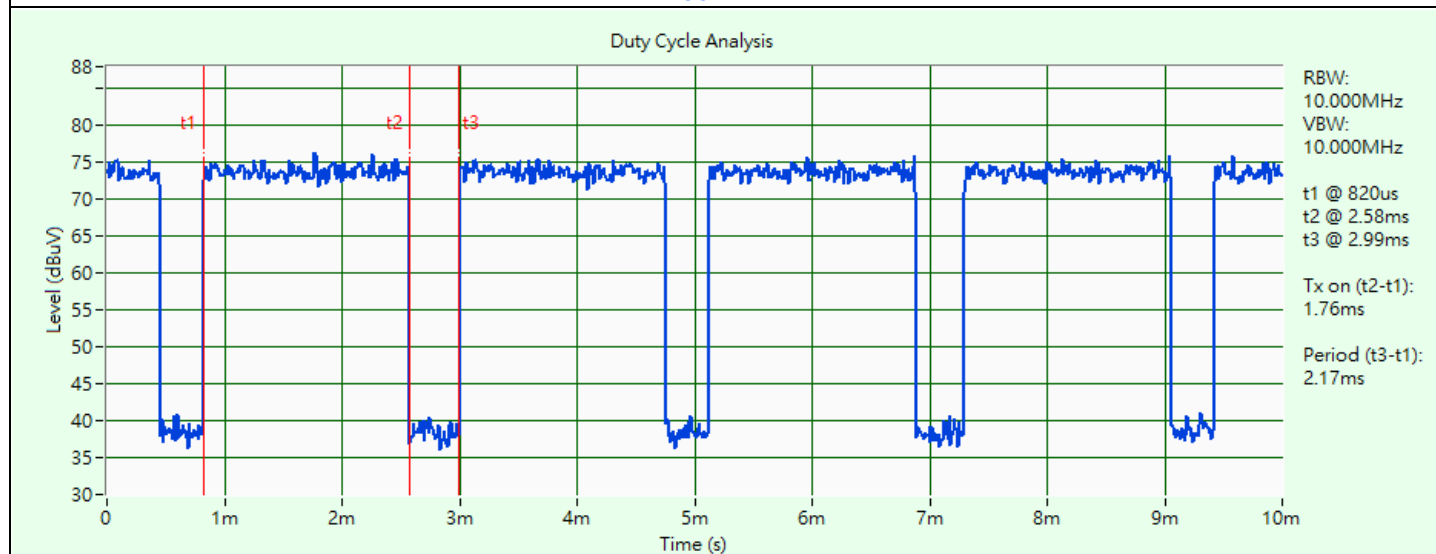
802.11ax (HE20): Duty cycle = $1.76 \text{ ms} / 2.17 \text{ ms} \times 100\% = 81.1\%$, duty factor = $10 * \log (1/\text{Duty cycle}) = 0.91 \text{ dB}$

802.11ax (HE40): Duty cycle = $0.915 \text{ ms} / 1.275 \text{ ms} \times 100\% = 71.8\%$, duty factor = $10 * \log (1/\text{Duty cycle}) = 1.44 \text{ dB}$

802.11ax (HE80): Duty cycle = $0.475 \text{ ms} / 0.84 \text{ ms} \times 100\% = 56.5\%$, duty factor = $10 * \log (1/\text{Duty cycle}) = 2.48 \text{ dB}$

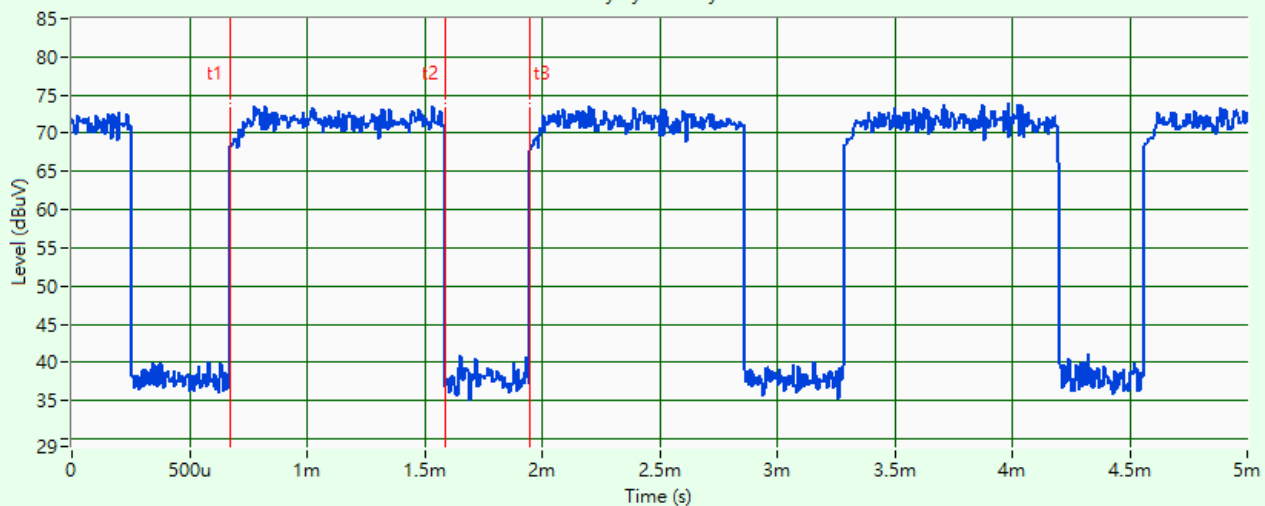


802.11a



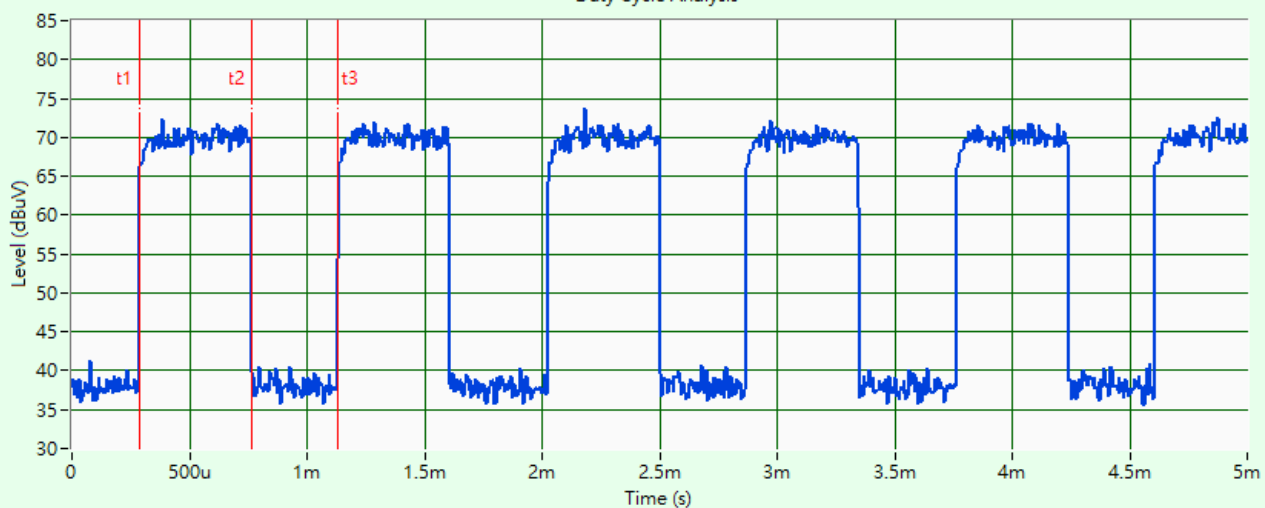
802.11ax (HE20)

Duty Cycle Analysis



802.11ax (HE40)

Duty Cycle Analysis



802.11ax (HE80)

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 26 dB Bandwidth

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2025/5/23	2026/5/22
MXA Signal Analyzer Keysight	N9020B	MY60110462	2025/4/22	2026/4/21
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: 2025/9/3

4.2 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
MXA Signal Analyzer Keysight	N9020B	MY60110462	2025/4/22	2026/4/21
USB Power Sensor Anritsu	MA24408A	12994	2024/12/4	2025/12/3
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: 2025/9/3

4.3 Power Spectral Density

Refer to section 4.1 to get the tested date and information of the instruments.

4.4 6 dB Bandwidth

Refer to section 4.1 to get the tested date and information of the instruments.

4.5 Occupied Bandwidth

Refer to section 4.1 to get the tested date and information of the instruments.

4.6 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	ESCI	100613	2024/11/25	2025/11/24
Fixed Attenuator Mini-Circuits	HAT-10+	PAD-COND1-01	2025/1/5	2026/1/4
LISN R&S	ENV216	101826	2025/3/24	2026/3/23
	ESH3-Z5	100311	2024/9/5	2025/9/4
RF Coaxial Cable Woken	5D-FB	Cable-cond1-01	2025/1/5	2026/1/4
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 1.
2. Tested Date: 2025/6/24 ~ 2025/7/25

4.7 Unwanted Emissions below 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower inn-co GmbH	MA 4000	010303	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-155	2024/10/14	2025/10/13
EMI Test Receiver R&S	ESR3	102782	2024/12/10	2025/12/9
Loop Antenna TESEQ	HLA 6121	45745	2024/8/21	2025/8/20
Preamplifier Agilent	8447D	2944A10631	2025/4/27	2026/4/26
RF Coaxial Cable Woken	8D-FB	Cable-CH4-01	2024/7/6 2025/6/30	2025/7/5 2026/6/29
Signal & Spectrum Analyzer R&S	FSV3044	101105	2025/2/25	2026/2/24
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table BV ADT	TT100	TT93021705	N/A	N/A
Turn Table Controller BV ADT	SC100	SC93021705	N/A	N/A

Notes:

1. The test was performed in HY - 966 chamber 3.
2. Tested Date: 2025/6/23 ~ 2025/7/25

4.8 Unwanted Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower inn-co GmbH	MA 4000	010303	N/A	N/A
Boresight antenna tower fixture BV	BAF-02	5	N/A	N/A
EMI Test Receiver R&S	ESR3	102782	2024/12/10	2025/12/9
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-408	2024/11/10	2025/11/9
	BBHA 9170	9170-480	2024/11/10	2025/11/9
		BBHA9170241	2024/10/18	2025/10/17
		BBHA9170243	2024/11/10	2025/11/9
Preamplifier EMCI	EMC 184045	980116	2024/9/24	2025/9/23
Preamplifier Keysight	83017A	MY53270295	2025/4/27	2026/4/26
RF Coaxial Cable EMCI	EMC102-KM-KM-600	150928	2024/7/6	2025/7/5
	EMC102-KM-KM-3000	150929	2024/7/6	2025/7/5
RF Coaxial Cable HUBER+SUHNER	EMC104-SM-SM-10000	Cable-CH1-01(RFC-SMS-100-SMS-120+RFC-SMS-100-SMS-4)	2025/4/27	2026/4/26
	SUCOFLEX 104	Cable-CH4-03(250724)	2025/4/27	2026/4/26
Signal & Spectrum Analyzer R&S	FSV3044	101105	2025/2/25	2026/2/24
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table BV ADT	TT100	TT93021705	N/A	N/A
Turn Table Controller BV ADT	SC100	SC93021705	N/A	N/A

Notes:

1. The test was performed in HY - 966 chamber 3.
2. Tested Date: 2025/6/12 ~ 2025/6/19

5 Limits of Test Items

5.1 26 dB Bandwidth

The results are for reference only.

5.2 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-2A	250 mW (24 dBm) or 11 dBm+10 log B*
U-NII-2C	250 mW (24 dBm) or 11 dBm+10 log B*
U-NII-3	1 Watt (30 dBm)

*B is the 26 dB emission bandwidth in megahertz

Per KDB 662911 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.

5.3 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-2A	11 dBm/MHz
U-NII-2C	11 dBm/MHz
U-NII-3	30 dBm/500 kHz

5.4 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.

5.5 Occupied Bandwidth

The results are for reference only.

5.6 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.

5.7 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).

5.8 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 5.25-5.35 GHz band:

Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
15.407(b)(2)	PK: -27 (dBm/MHz)	PK: 68.2 (dBμV/m)

For transmitters operating in the 5.47-5.725 GHz band:

Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
15.407(b)(3)	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: 68.2 (dBμV/m) ^{*1}
	PK: 10 (dBm/MHz) ^{*2}	PK: 105.2 (dBμV/m) ^{*2}
	PK: 15.6 (dBm/MHz) ^{*3}	PK: 110.8 (dBμV/m) ^{*3}
	PK: 27 (dBm/MHz) ^{*4}	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.

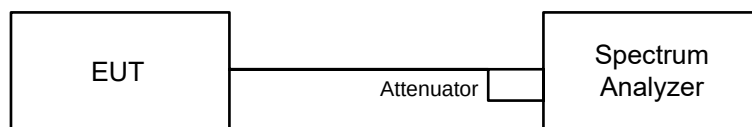
Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

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

6 Test Arrangements

6.1 26 dB Bandwidth

6.1.1 Test Setup

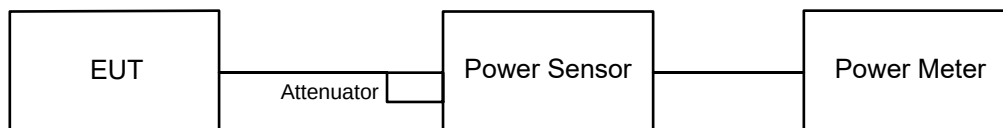


6.1.2 Test Procedure

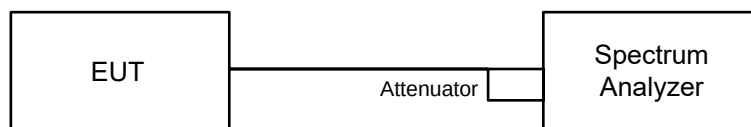
- Set RBW = shall be in the range of 1% to 5% of the emission bandwidth.
- Set the VBW > RBW.
- Detector = peak.
- Trace mode = max-hold.
- Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the instrument. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is in the range of 1% to 5%.

6.2 RF Output Power

6.2.1 Test Setup



For channel straddling:



6.2.2 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.

For channel straddling:

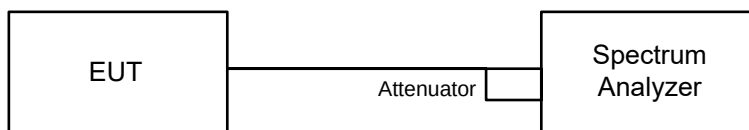
Method SA-2

- a. Measure the duty cycle D of the transmitter output signal.
- b. Set span to encompass the entire 99% OBW of the signal.
- c. Set RBW = 1 MHz.
- d. Set VBW $\geq$ 3 MHz.
- e. Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
- f. Sweep time = auto.
- g. Detector = Power averaging (rms), if available. Otherwise, use sample detector mode.
- h. Do not use sweep triggering. Allow the sweep to "free run."
- i. Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed such that the average accurately represents the true average over the ON and OFF periods of the transmitter.
- j. Compute power by integrating the spectrum across the 99% OBW of the signal using the instrument's band-power measurement function with band limits set equal to the EBW or OBW band-edges. If the instrument does not have a band-power function, then sum the spectrum levels (in power units) at 1 MHz intervals extending across the 99% OBW of the spectrum.
- k. Add $[10 \log (1 / D)]$, where D is the duty cycle.

Note: When measuring straddle channel power, use compute power by integrating the spectrum across the 99% OBW of the signal using the instrument's band power measurement function, with band limits set equal to the 99% OBW band edges. If the instrument does not have a band power function, then sum the spectrum levels (in power units) at 1 MHz intervals extending across the 99% OBW of the spectrum.

6.3 Power Spectral Density

6.3.1 Test Setup



6.3.2 Test Procedure

For specified measurement bandwidth 1 MHz:

Method SA-2

- Measure the duty cycle D of the transmitter output signal.
- Set span to encompass the entire 99% OBW of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
- Sweep time = auto.
- Detector = Power averaging (rms), if available. Otherwise, use sample detector mode.
- Do not use sweep triggering. Allow the sweep to “free run.”
- Trace average at least 100 traces in power averaging (rms) 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 $10 \log (1/\text{duty cycle})$.

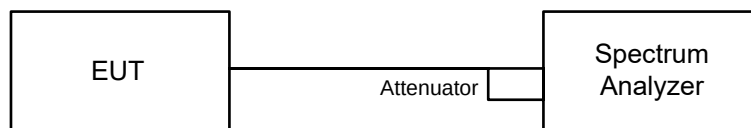
For specified measurement bandwidth 500 kHz:

Method SA-2

- Measure the duty cycle D of the transmitter output signal.
- Set span to encompass the entire 99% OBW of the signal
- Set RBW = 500 kHz, Set VBW $\geq [3 \times \text{RBW}]$, Detector = Power averaging (rms), if available. Otherwise, use sample detector mode.
- Sweep points $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
- Sweep time = auto.
- 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 $10 \log (1/\text{duty cycle})$.

6.4 6 dB Bandwidth

6.4.1 Test Setup

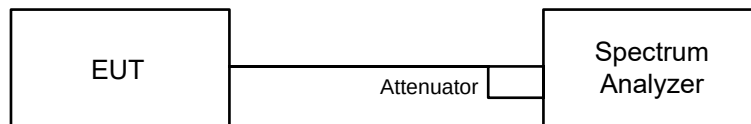


6.4.2 Test Procedure

- 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 by placing two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the “-6 dB down amplitude”. If a marker is below this “-6 dB down amplitude” value, then it shall be as close as possible to this value.

6.5 Occupied Bandwidth

6.5.1 Test Setup



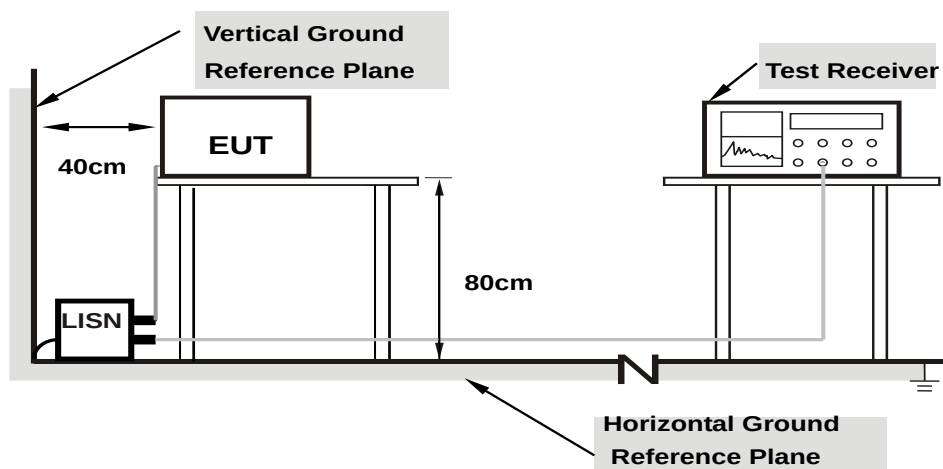
6.5.2 Test Procedure

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.

6.6 AC Power Conducted Emissions

6.6.1 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).

6.6.2 Test Procedure

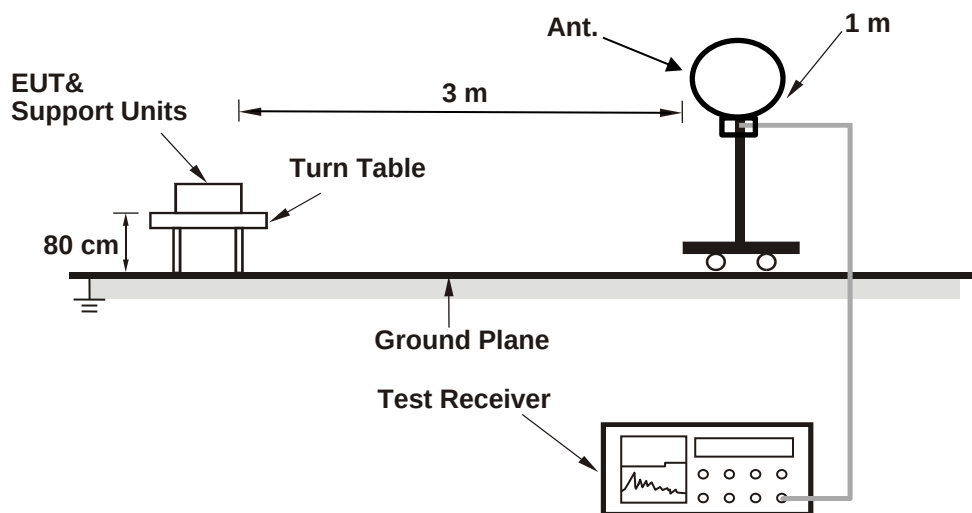
- Exploratory ac power-line conducted emission measurements: The EUT shall be operated on the mid channel and in the mode with highest output power unless the fundamental operates in the AC power-line emission test range then the EUT shall be operated in the range of typical modes of operation.
- The 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.

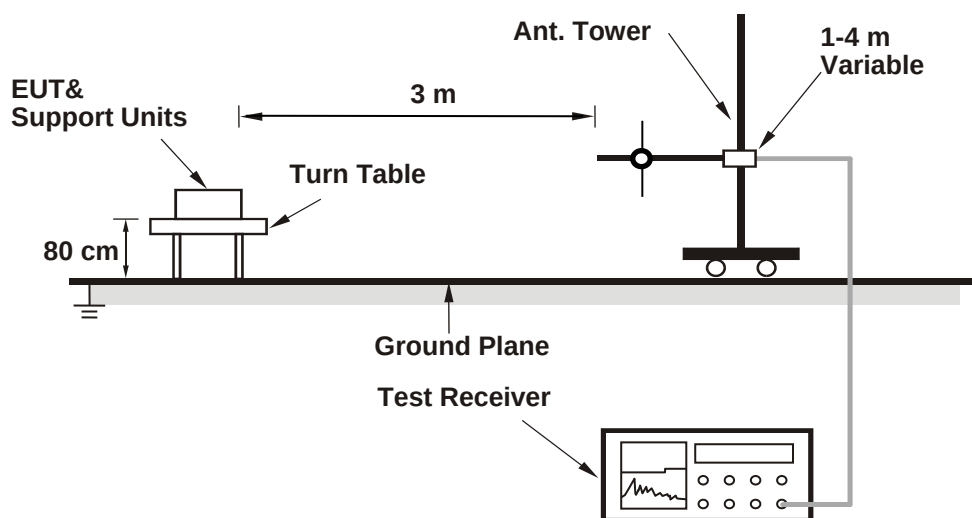
6.7 Unwanted Emissions below 1 GHz

6.7.1 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).

6.7.2 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

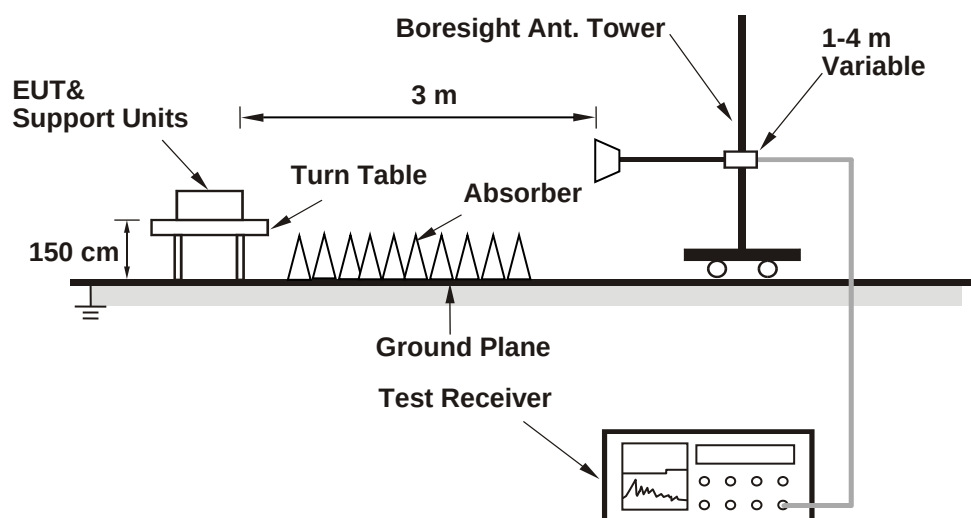
- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the 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 detect function and specified bandwidth with maximum hold mode when the test frequency is below 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.

6.8 Unwanted Emissions above 1 GHz

6.8.1 Test Setup



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

6.8.2 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 26 dB Bandwidth

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

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	19.20	19.30
60	5300	19.44	19.37
64	5320	19.48	19.33
100	5500	18.82	18.96
116	5580	19.12	19.01
140	5700	19.03	19.07
144 (U-NII-2C)	5720	14.51	14.48
144 (U-NII-3)	5720	4.43	4.51

Determined Output Power Limit					
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)		
52	5260	19.20	23.83	<	24
60	5300	19.37	23.87	<	24
64	5320	19.33	23.86	<	24
100	5500	18.82	23.74	<	24
116	5580	19.01	23.78	<	24
140	5700	19.03	23.79	<	24
144 (U-NII-2C)	5720	14.48	22.6	<	24

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

802.11ax (HE20)

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	21.32	21.22
60	5300	21.25	21.30
64	5320	21.38	21.46
100	5500	21.20	21.32
116	5580	21.35	21.29
140	5700	21.40	21.39
144 (U-NII-2C)	5720	15.63	15.62
144 (U-NII-3)	5720	5.64	5.77

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
52	5260	21.22	24.26 > 24
60	5300	21.25	24.27 > 24
64	5320	21.38	24.3 > 24
100	5500	21.20	24.26 > 24
116	5580	21.29	24.28 > 24
140	5700	21.39	24.3 > 24
144 (U-NII-2C)	5720	15.62	22.93 < 24

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

802.11ax (HE40)

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		Chain 0	Chain 1
54	5270	40.57	40.68
62	5310	40.60	40.64
102	5510	40.91	40.53
110	5550	40.92	40.84
134	5670	40.79	41.13
142 (U-NII-2C)	5710	35.18	35.31
142 (U-NII-3)	5710	5.38	5.49

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
54	5270	40.57	27.08 > 24
62	5310	40.60	27.08 > 24
102	5510	40.53	27.07 > 24
110	5550	40.84	27.11 > 24
134	5670	40.79	27.1 > 24
142 (U-NII-2C)	5710	35.18	26.46 > 24

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

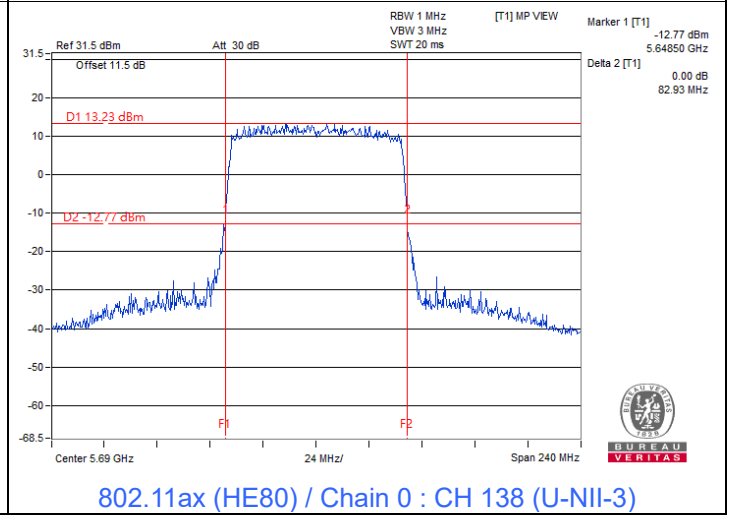
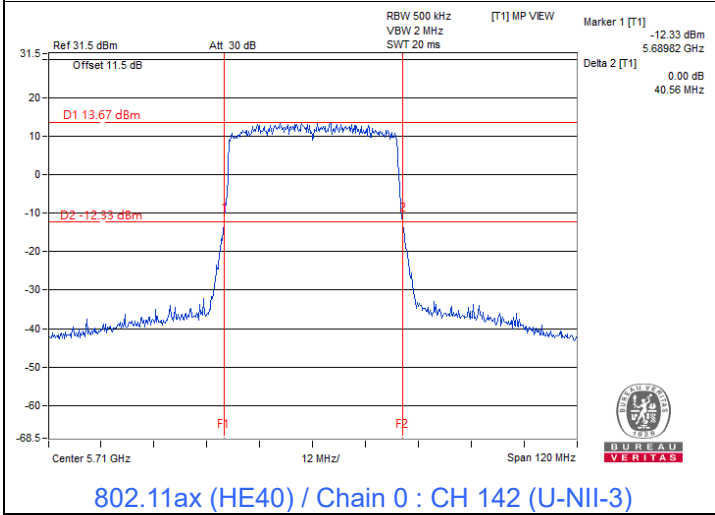
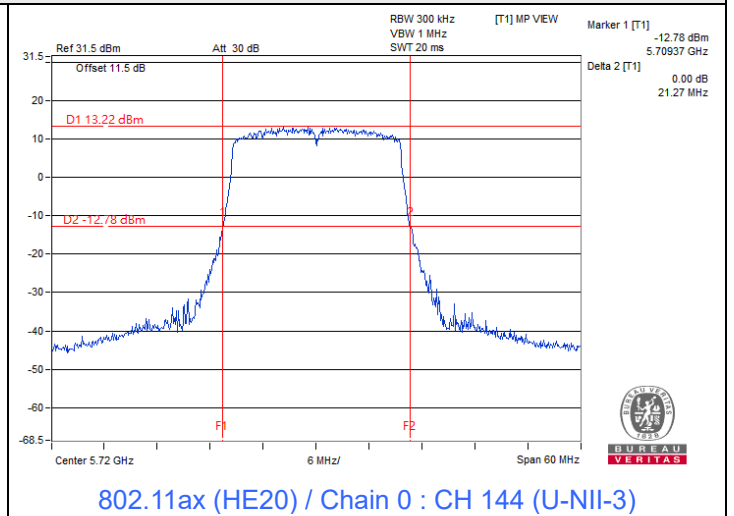
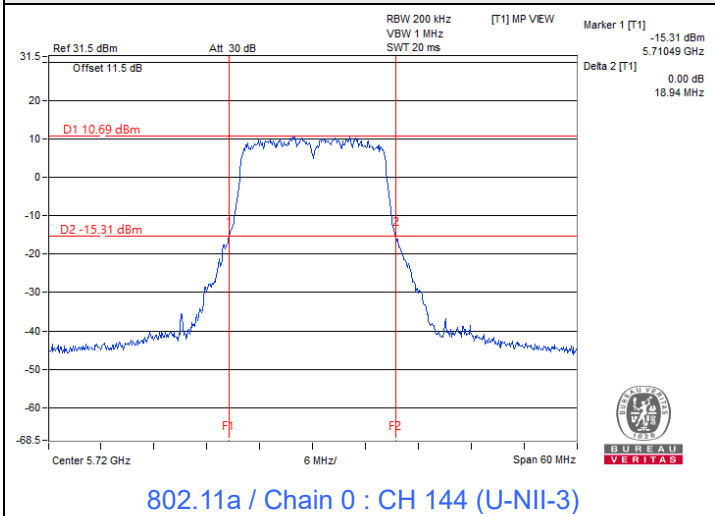
802.11ax (HE80)

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		Chain 0	Chain 1
58	5290	82.67	82.56
106	5530	82.87	83.32
122	5610	83.34	82.93
138 (U-NII-2C)	5690	76.50	76.45
138 (U-NII-3)	5690	6.43	6.94

Determined Output Power Limit			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Power Limit (dBm)
58	5290	82.56	30.16 > 24
106	5530	82.87	30.18 > 24
122	5610	82.93	30.18 > 24
138 (U-NII-2C)	5690	76.45	29.83 > 24

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth.

Spectrum Plot of Minimum Value



Notes:

1. For U-NII-2C straddle channel = 5725 MHz - Marker 1
2. For U-NII-3 straddle channel = Marker 1 + Delta 2 - 5725 MHz
3. For U-NII-1 straddle channel = 5250 MHz - Marker 1
4. For U-NII-2A straddle channel = Marker 1 + Delta 2 - 5250 MHz

7.2 RF Output Power

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

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	22.90	23.54	420.928	26.24	30	Pass
40	5200	22.72	23.75	424.206	26.28	30	Pass
48	5240	23.54	22.80	416.49	26.20	30	Pass
52	5260	19.72	20.38	202.9	23.07	23.83	Pass
60	5300	19.77	20.44	205.504	23.13	23.87	Pass
64	5320	19.88	20.22	202.471	23.06	23.86	Pass
100	5500	19.80	20.49	207.443	23.17	23.74	Pass
116	5580	19.68	20.48	204.583	23.11	23.78	Pass
140	5700	19.77	20.38	203.986	23.10	23.79	Pass
*144 (U-NII-2C)	5720	17.29	16.89	151.881	21.82	22.6	Pass
*144 (U-NII-3)	5720	10.38	9.82	30.405	14.83	30	Pass
149	5745	23.00	23.34	415.301	26.18	30	Pass
157	5785	23.02	23.12	405.563	26.08	30	Pass
165	5825	22.75	23.32	403.148	26.05	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 5.01 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.44 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.67 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 5.97 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	23.25	23.65	443.088	26.46	30	Pass
40	5200	23.05	23.65	433.576	26.37	30	Pass
48	5240	22.86	23.58	421.231	26.25	30	Pass
52	5260	19.70	20.37	202.218	23.06	24	Pass
60	5300	19.80	20.42	205.653	23.13	24	Pass
64	5320	20.00	20.11	202.565	23.07	24	Pass
100	5500	19.85	20.49	208.549	23.19	24	Pass
116	5580	19.75	20.42	204.56	23.11	24	Pass
140	5700	19.90	20.35	206.116	23.14	24	Pass
*144 (U-NII-2C)	5720	17.13	16.83	123.094	20.90	22.93	Pass
*144 (U-NII-3)	5720	10.84	10.32	28.233	14.51	30	Pass
149	5745	23.14	23.35	422.335	26.26	30	Pass
157	5785	22.98	23.24	409.472	26.12	30	Pass
165	5825	22.91	23.40	414.21	26.17	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 5.01 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.44 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.67 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 5.97 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
38	5190	20.99	21.85	278.712	24.45	30	Pass
46	5230	23.25	24.02	463.697	26.66	30	Pass
54	5270	19.78	20.38	204.205	23.10	24	Pass
62	5310	19.75	20.35	202.799	23.07	24	Pass
102	5510	19.46	20.36	196.951	22.94	24	Pass
110	5550	19.53	20.58	204.031	23.10	24	Pass
134	5670	19.78	20.35	203.453	23.08	24	Pass
*142 (U-NII-2C)	5710	17.46	17.95	164.555	22.16	24	Pass
*142 (U-NII-3)	5710	6.74	6.48	12.774	11.06	30	Pass
151	5755	23.51	23.75	461.526	26.64	30	Pass
159	5795	23.52	23.62	455.05	26.58	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 5.01 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.44 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.67 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 5.97 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
42	5210	18.75	19.35	161.089	22.07	30	Pass
58	5290	19.57	20.37	199.466	23.00	24	Pass
106	5530	19.53	20.58	204.031	23.10	24	Pass
122	5610	19.65	20.45	203.175	23.08	24	Pass
*138 (U-NII-2C)	5690	16.24	15.28	134.049	21.27	24	Pass
*138 (U-NII-3)	5690	1.67	0.96	4.804	6.82	30	Pass
155	5775	23.12	23.22	415.01	26.18	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
- Directional gain is the maximum gain of antennas.
- For U-NII-1, the maximum gain is 5.01 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the maximum gain is 4.44 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the maximum gain is 4.67 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the maximum gain is 5.97 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE20) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	23.25	23.65	443.088	26.46	30	Pass
40	5200	23.05	23.65	433.576	26.37	30	Pass
48	5240	22.86	23.58	421.231	26.25	30	Pass
52	5260	19.70	20.37	202.218	23.06	24	Pass
60	5300	19.80	20.42	205.653	23.13	24	Pass
64	5320	20.00	20.11	202.565	23.07	24	Pass
100	5500	19.85	20.49	208.549	23.19	24	Pass
116	5580	19.75	20.42	204.56	23.11	24	Pass
140	5700	19.90	20.35	206.116	23.14	24	Pass
*144 (U-NII-2C)	5720	16.42	15.94	102.48	20.11	22.93	Pass
*144 (U-NII-3)	5720	10.52	10.78	28.653	14.57	30	Pass
149	5745	23.14	23.35	422.335	26.26	30	Pass
157	5785	22.98	23.24	409.472	26.12	30	Pass
165	5825	22.91	23.40	414.21	26.17	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
- Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
- For U-NII-1, the directional gain is 5.11 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the directional gain is 4.66 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the directional gain is 4.67 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the directional gain is 5.97 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

802.11ax (HE40) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
38	5190	20.99	21.85	278.712	24.45	30	Pass
46	5230	23.25	24.02	463.697	26.66	30	Pass
54	5270	19.78	20.38	204.205	23.10	24	Pass
62	5310	19.75	20.35	202.799	23.07	24	Pass
102	5510	19.46	20.36	196.951	22.94	24	Pass
110	5550	19.53	20.58	204.031	23.10	24	Pass
134	5670	19.78	20.35	203.453	23.08	24	Pass
*142 (U-NII-2C)	5710	17.46	17.95	164.555	22.16	24	Pass
*142 (U-NII-3)	5710	6.74	6.48	12.774	11.06	30	Pass
151	5755	23.51	23.75	461.526	26.64	30	Pass
159	5795	23.52	23.62	455.05	26.58	30	Pass

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
- Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
- For U-NII-1, the directional gain is 5.11 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the directional gain is 4.66 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the directional gain is 4.67 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the directional gain is 5.97 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

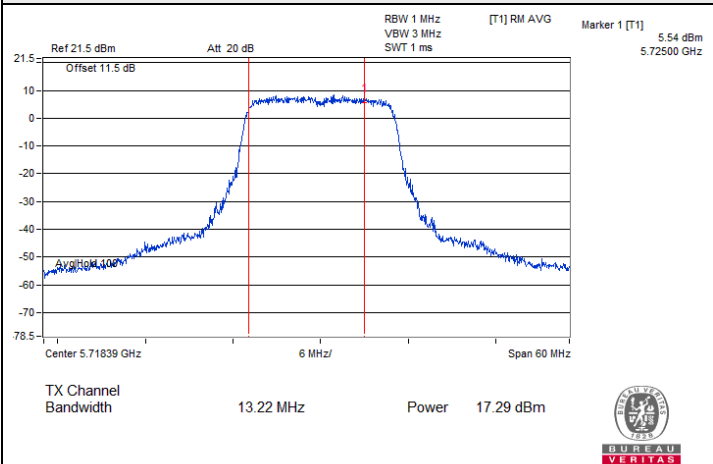
802.11ax (HE80) Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
42	5210	18.75	19.35	161.089	22.07	30	Pass
58	5290	19.57	20.37	199.466	23.00	24	Pass
106	5530	19.53	20.58	204.031	23.10	24	Pass
122	5610	19.65	20.45	203.175	23.08	24	Pass
*138 (U-NII-2C)	5690	16.24	15.28	134.049	21.27	24	Pass
*138 (U-NII-3)	5690	1.67	0.96	4.804	6.82	30	Pass
155	5775	23.12	23.22	415.01	26.18	30	Pass

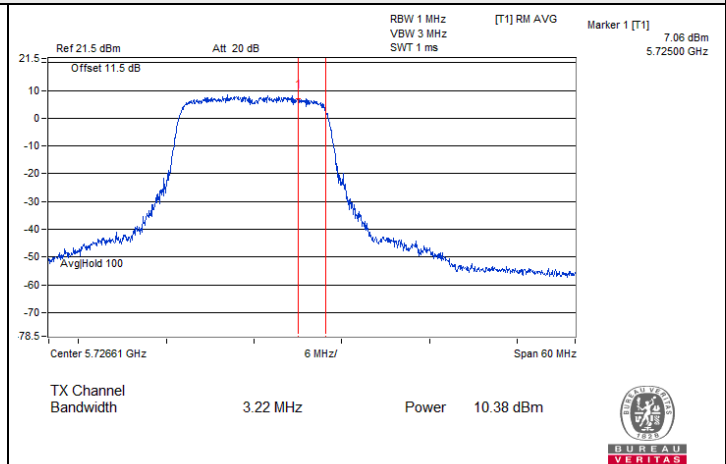
Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
- Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
- For U-NII-1, the directional gain is 5.11 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2A, the directional gain is 4.66 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-2C, the directional gain is 4.67 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.
- For U-NII-3, the directional gain is 5.97 dBi $\leq$ 6 dBi, so the output power limit shall not be reduced.

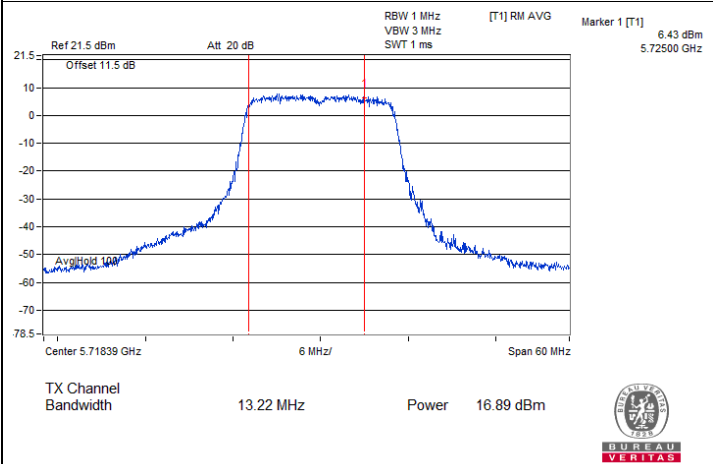
Spectrum Plot for channel straddling



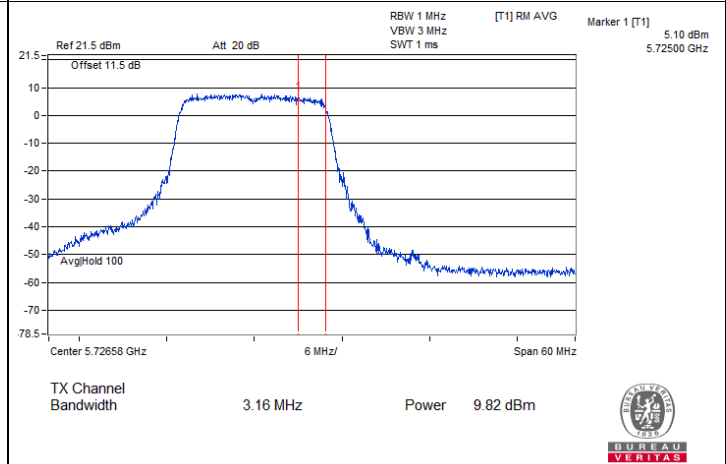
802.11a / Chain 0 : CH 144 (U-NII-2C)



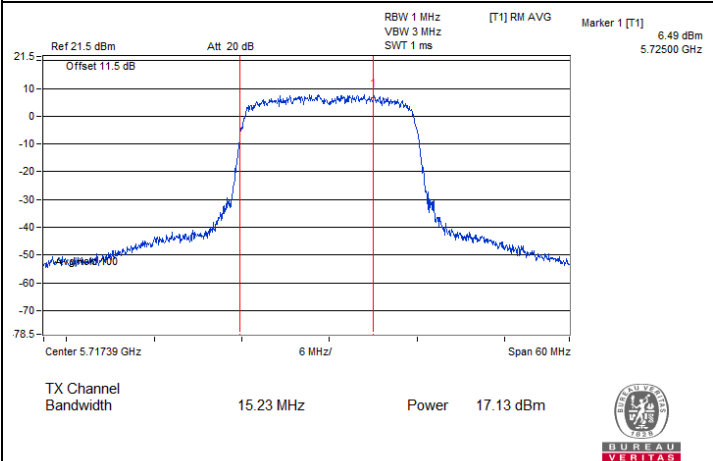
802.11a / Chain 0 : CH 144 (U-NII-3)



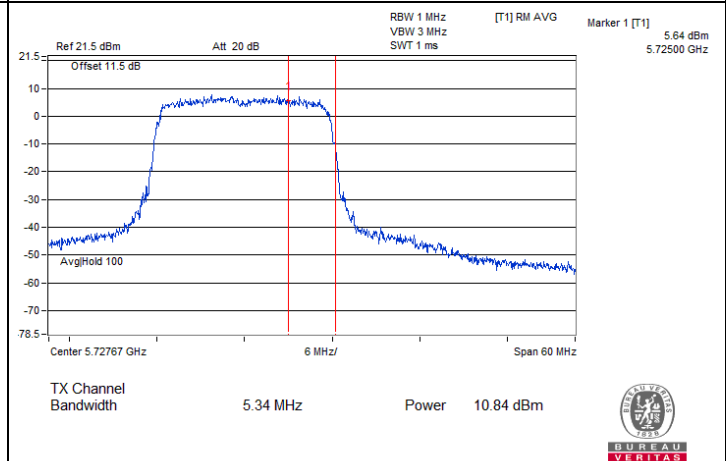
802.11a / Chain 1 : CH 144 (U-NII-2C)



802.11a / Chain 1 : CH 144 (U-NII-3)

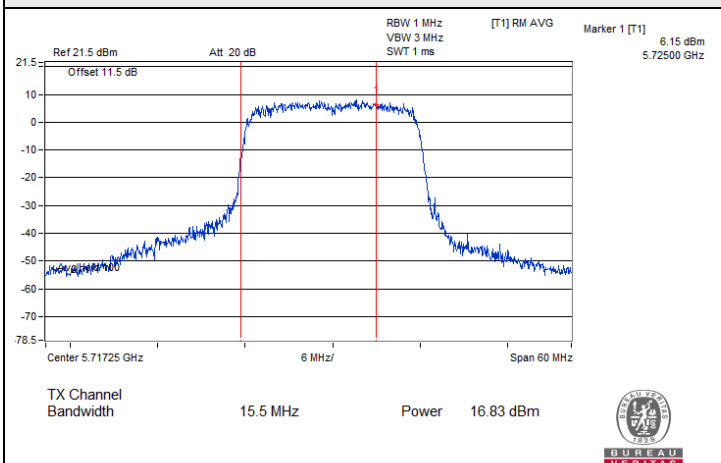


802.11ax (HE20) / Chain 0 : CH 144 (U-NII-2C)

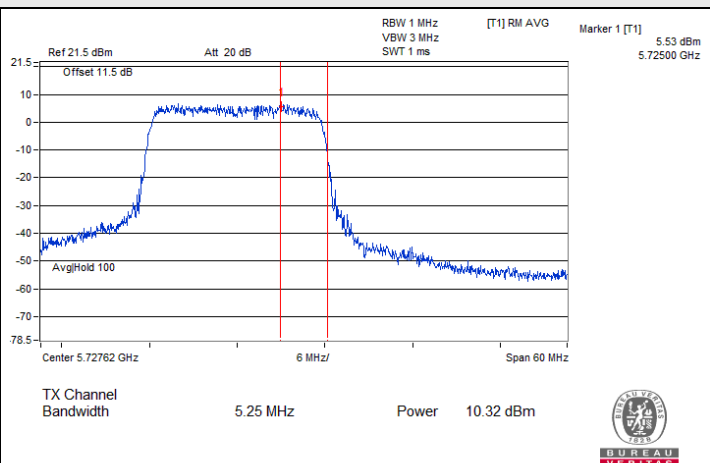


802.11ax (HE20) / Chain 0 : CH 144 (U-NII-3)

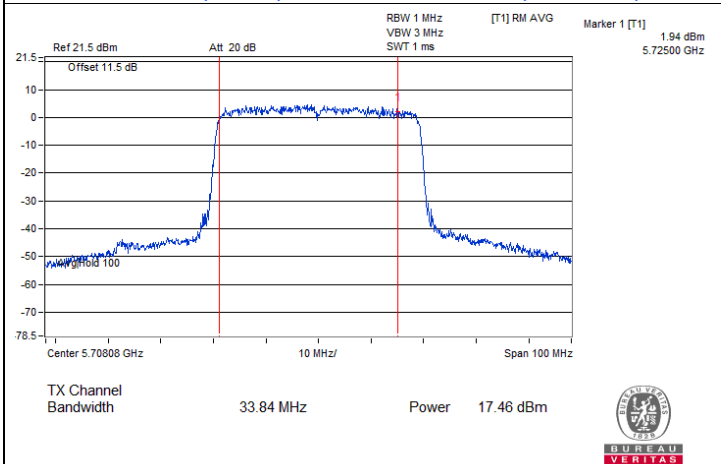
Spectrum Plot for channel straddling



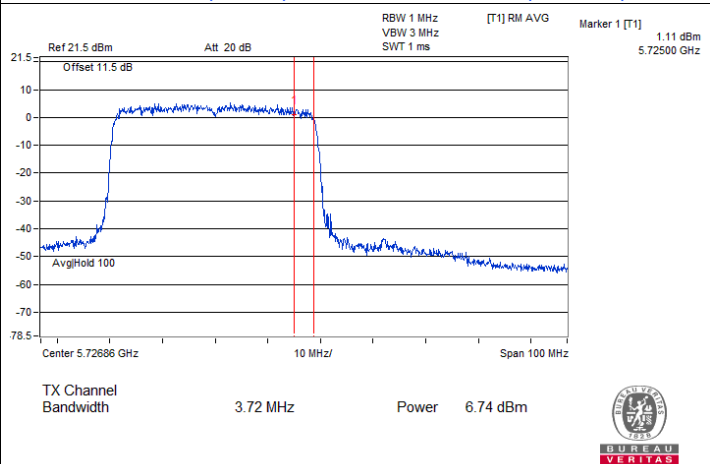
802.11ax (HE20) / Chain 1 : CH 144 (U-NII-2C)



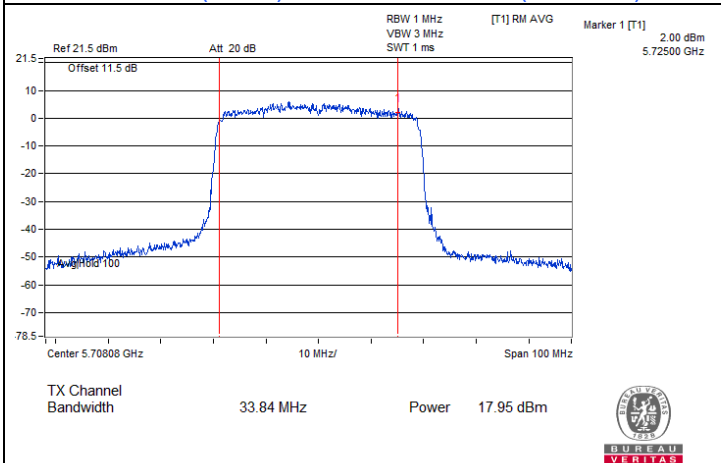
802.11ax (HE20) / Chain 1 : CH 144 (U-NII-3)



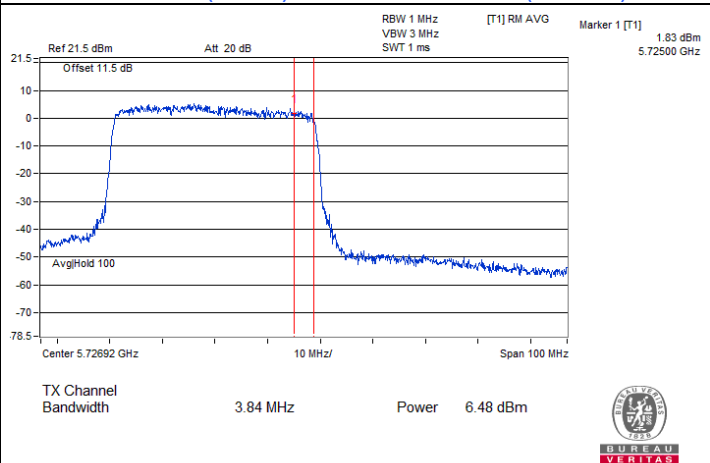
802.11ax (HE40) / Chain 0 : CH 142 (U-NII-2C)



802.11ax (HE40) / Chain 0 : CH 142 (U-NII-3)

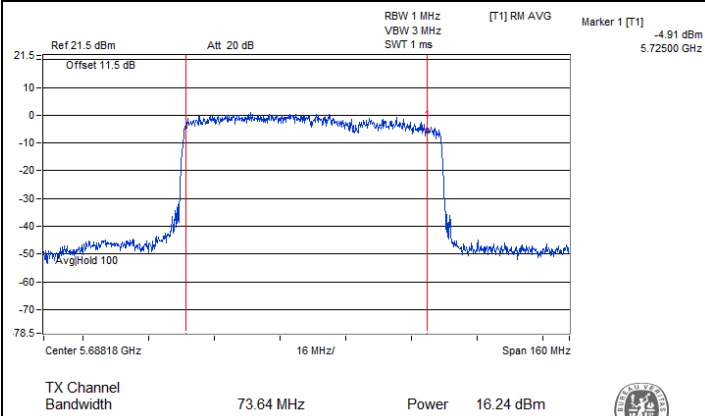


802.11ax (HE40) / Chain 1 : CH 142 (U-NII-2C)

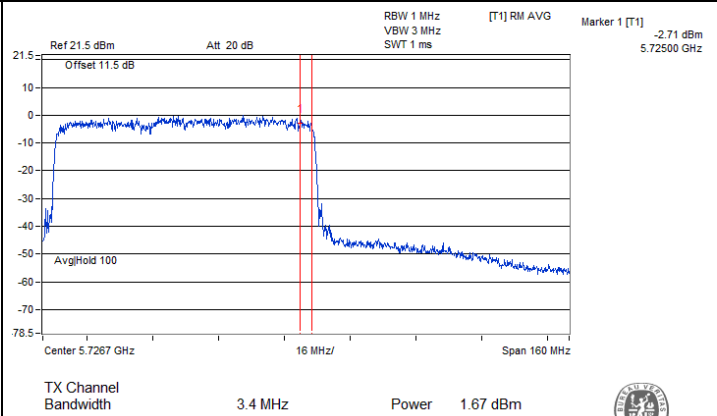


802.11ax (HE40) / Chain 1 : CH 142 (U-NII-3)

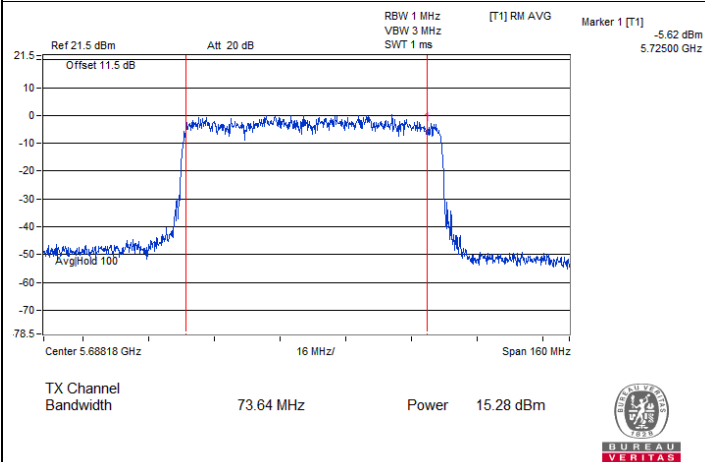
Spectrum Plot for channel straddling



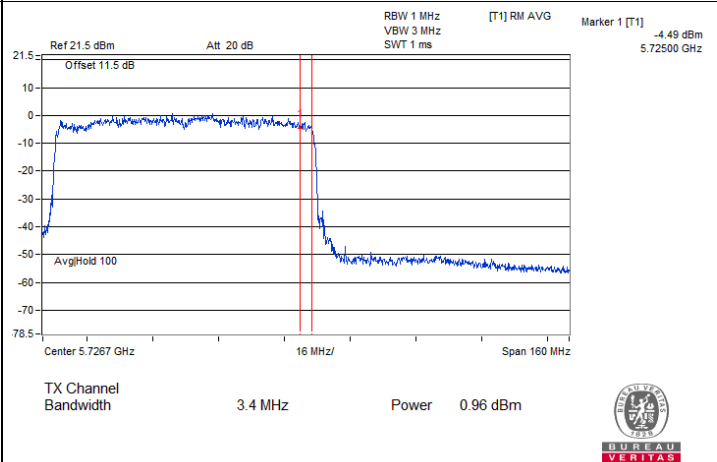
802.11ax (HE80) / Chain 0 : CH 138 (U-NII-2C)



802.11ax (HE80) / Chain 0 : CH 138 (U-NII-3)



802.11ax (HE80) / Chain 1 : CH 138 (U-NII-2C)



802.11ax (HE80) / Chain 1 : CH 138 (U-NII-3)

7.3 Power Spectral Density

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Kevin Kuo
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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	7.79	8.42	1.71	12.84	17	Pass
40	5200	8.71	7.75	1.71	12.98	17	Pass
48	5240	8.38	8.05	1.71	12.94	17	Pass
52	5260	5.12	5.12	1.71	9.84	11	Pass
60	5300	5.32	5.05	1.71	9.91	11	Pass
64	5320	5.08	5.05	1.71	9.79	11	Pass
100	5500	4.77	4.93	1.71	9.57	11	Pass
116	5580	4.93	4.82	1.71	9.60	11	Pass
140	5700	4.82	4.74	1.71	9.50	11	Pass
144 (U-NII-2C)	5720	5.38	4.37	1.71	9.62	11	Pass

Notes:

1. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
2. For U-NII-1, the directional gain is 5.11 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2A, the directional gain is 4.66 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.
4. For U-NII-2C, the directional gain is 4.67 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.

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	8.38	8.56	0.91	12.39	17	Pass
40	5200	8.16	8.87	0.91	12.45	17	Pass
48	5240	8.32	8.70	0.91	12.43	17	Pass
52	5260	5.46	5.64	0.91	9.47	11	Pass
60	5300	5.58	5.25	0.91	9.34	11	Pass
64	5320	5.29	5.36	0.91	9.25	11	Pass
100	5500	5.69	5.67	0.91	9.60	11	Pass
116	5580	5.66	5.59	0.91	9.55	11	Pass
140	5700	5.82	5.54	0.91	9.60	11	Pass
144 (U-NII-2C)	5720	5.45	5.05	0.91	9.17	11	Pass

Notes:

1. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
2. For U-NII-1, the directional gain is 5.11 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2A, the directional gain is 4.66 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.
4. For U-NII-2C, the directional gain is 4.67 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.

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	2.91	2.58	1.44	7.20	17	Pass
46	5230	5.39	6.09	1.44	10.20	17	Pass
54	5270	2.15	2.29	1.44	6.67	11	Pass
62	5310	2.30	2.05	1.44	6.63	11	Pass
102	5510	1.35	1.45	1.44	5.85	11	Pass
110	5550	2.63	2.56	1.44	7.05	11	Pass
134	5670	2.70	2.60	1.44	7.10	11	Pass
142 (U-NII-2C)	5710	2.43	2.39	1.44	6.86	11	Pass

Notes:

1. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
2. For U-NII-1, the directional gain is 5.11 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2A, the directional gain is 4.66 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.
4. For U-NII-2C, the directional gain is 4.67 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.

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	-2.80	-2.49	2.48	2.85	17	Pass
58	5290	-1.24	-2.02	2.48	3.88	11	Pass
106	5530	-2.94	-2.25	2.48	2.91	11	Pass
122	5610	-1.44	-1.54	2.48	4.00	11	Pass
138 (U-NII-2C)	5690	-2.06	-2.50	2.48	3.22	11	Pass

Notes:

1. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
2. For U-NII-1, the directional gain is 5.11 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2A, the directional gain is 4.66 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.
4. For U-NII-2C, the directional gain is 4.67 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.

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					
144 (U-NII-3)	5720	-0.70	-0.65	2.34	1.71	6.27	30	Pass
149	5745	3.20	3.03	6.13	1.71	10.06	30	Pass
157	5785	2.75	2.85	5.81	1.71	9.74	30	Pass
165	5825	3.13	3.43	6.29	1.71	10.22	30	Pass

Notes:

1. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
2. For U-NII-3, the directional gain is 5.97 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.

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					
144 (U-NII-3)	5720	-0.50	-0.77	2.38	0.91	5.51	30	Pass
149	5745	3.46	3.06	6.27	0.91	9.40	30	Pass
157	5785	3.24	2.79	6.03	0.91	9.16	30	Pass
165	5825	3.24	3.24	6.25	0.91	9.38	30	Pass

Notes:

1. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
2. For U-NII-3, the directional gain is 5.97 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.

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					
142 (U-NII-3)	5710	-4.46	-4.81	-1.62	1.44	2.04	30	Pass
151	5755	0.99	0.94	3.98	1.44	7.64	30	Pass
159	5795	0.01	-0.09	2.97	1.44	6.63	30	Pass

Notes:

1. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
2. For U-NII-3, the directional gain is 5.97 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.

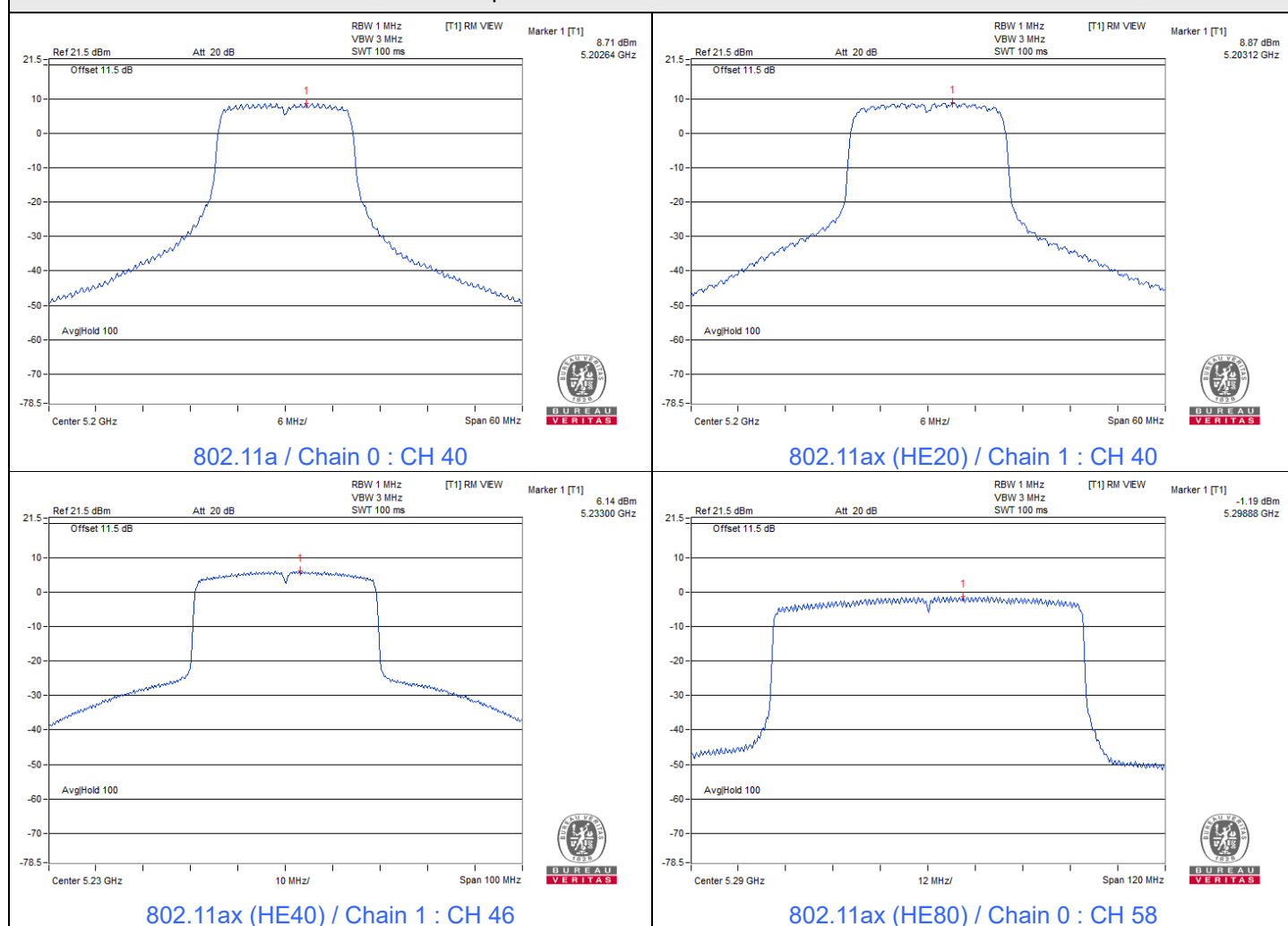
802.11ax (HE80)

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					
138 (U-NII-3)	5690	-10.27	-10.37	-7.31	2.48	-2.61	30	Pass
155	5775	-3.43	-3.83	-0.62	2.48	4.08	30	Pass

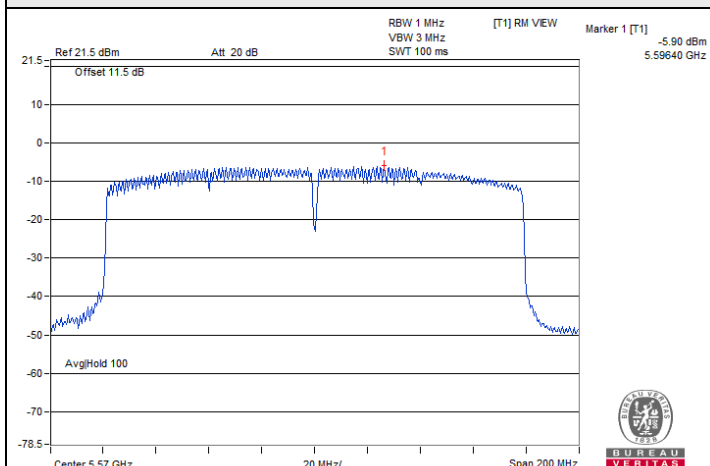
Notes:

1. Directional gain is the measured value according to KDB 662911 D03 Method of MIMO Antenna Gain Measurement.
2. For U-NII-3, the directional gain is 5.97 dBi $\leq$ 6 dBi, so the power density limit shall not be reduced.

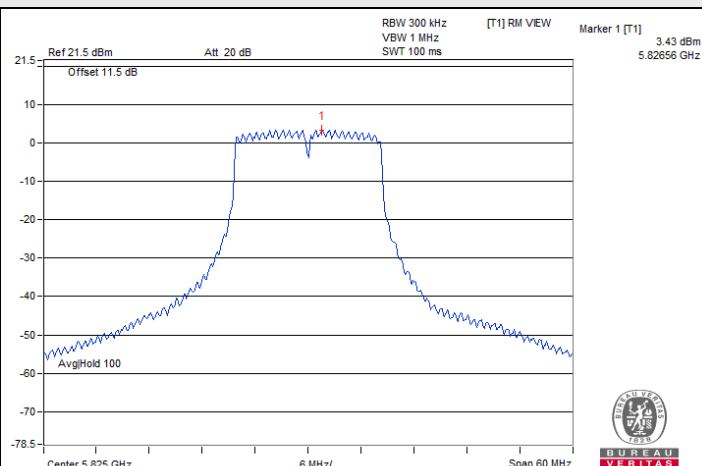
Spectrum Plot of Maximum Value



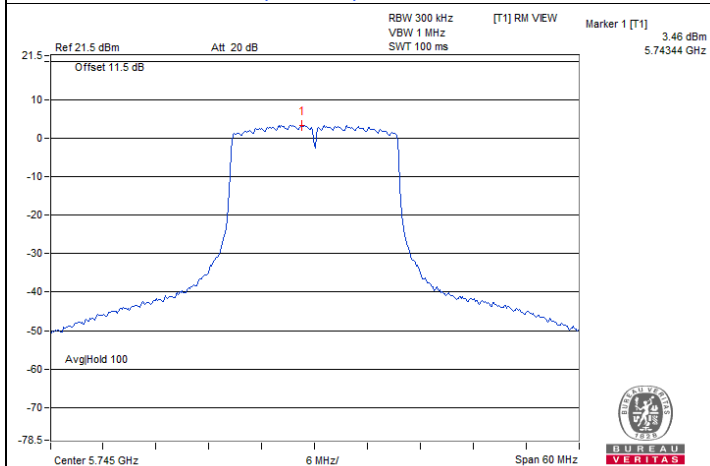
Spectrum Plot of Maximum Value



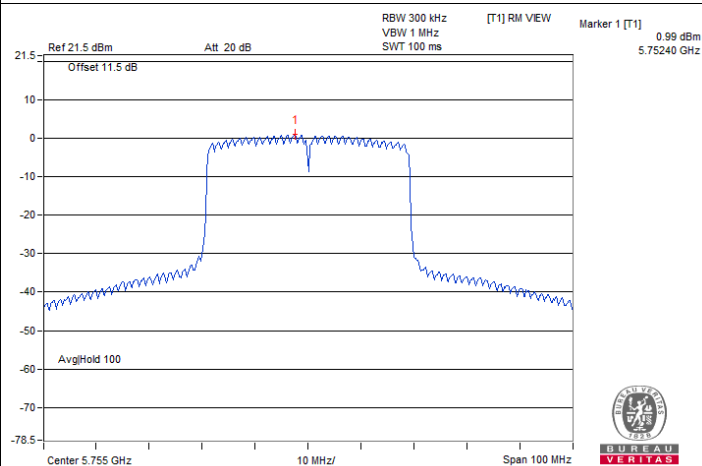
802.11ax (HE160) / Chain 1 : CH 114



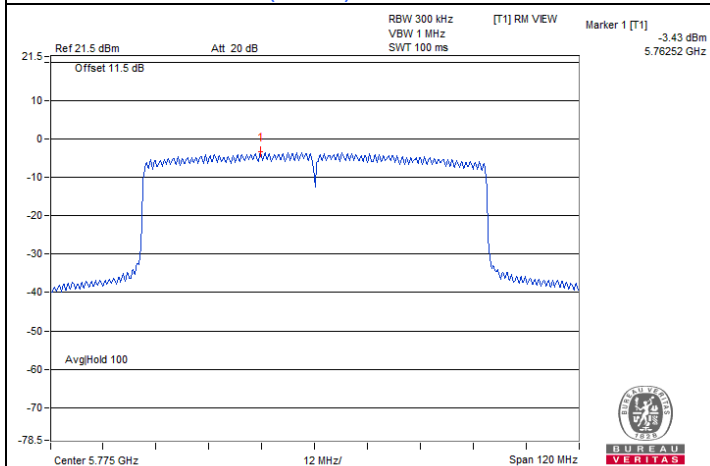
802.11a / Chain 1 : CH 165



802.11ax (HE20) / Chain 0 : CH 149



802.11ax (HE40) / Chain 0 : CH 151



802.11ax (HE80) / Chain 0 : CH 155

7.4 6 dB Bandwidth

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

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
144 (U-NII-3)	5720	3.15	2.52	0.5	Pass
149	5745	15.47	16.34	0.5	Pass
157	5785	16.30	16.05	0.5	Pass
165	5825	15.76	16.31	0.5	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
144 (U-NII-3)	5720	3.93	4.39	0.5	Pass
149	5745	17.94	18.51	0.5	Pass
157	5785	18.51	17.81	0.5	Pass
165	5825	18.92	18.45	0.5	Pass

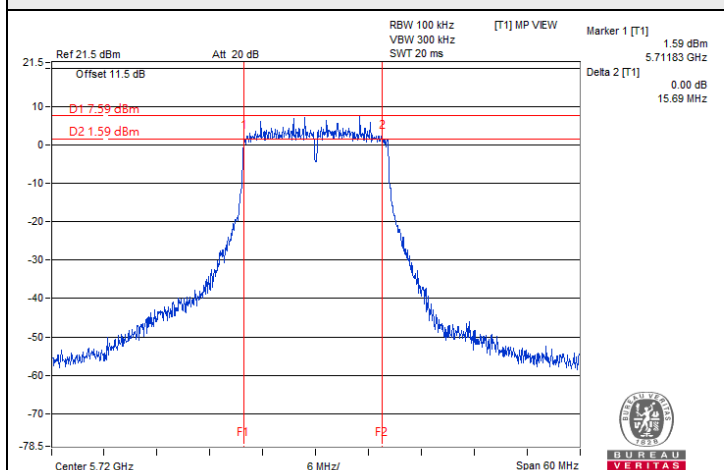
802.11ax (HE40)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
142 (U-NII-3)	5710	2.59	3.64	0.5	Pass
151	5755	35.31	34.10	0.5	Pass
159	5795	36.32	37.63	0.5	Pass

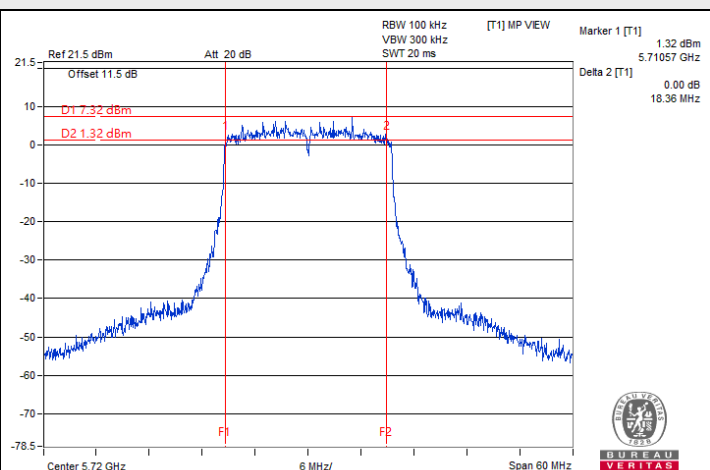
802.11ax (HE80)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Minimum Limit (MHz)	Test Result
		Chain 0	Chain 1		
138 (U-NII-3)	5690	3.66	1.06	0.5	Pass
155	5775	76.15	75.83	0.5	Pass

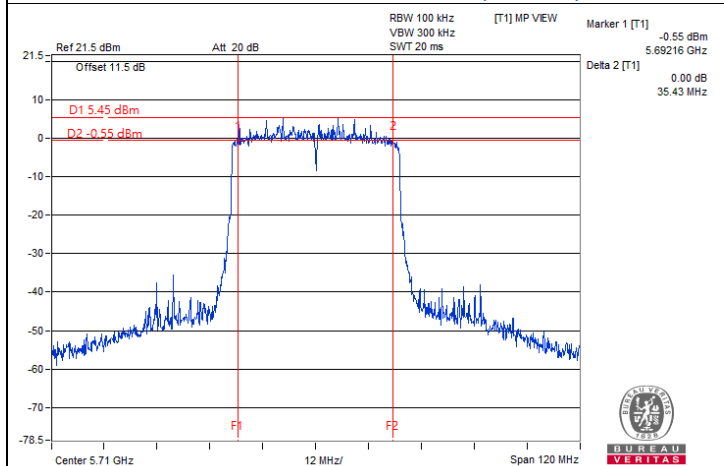
Spectrum Plot of Minimum Value



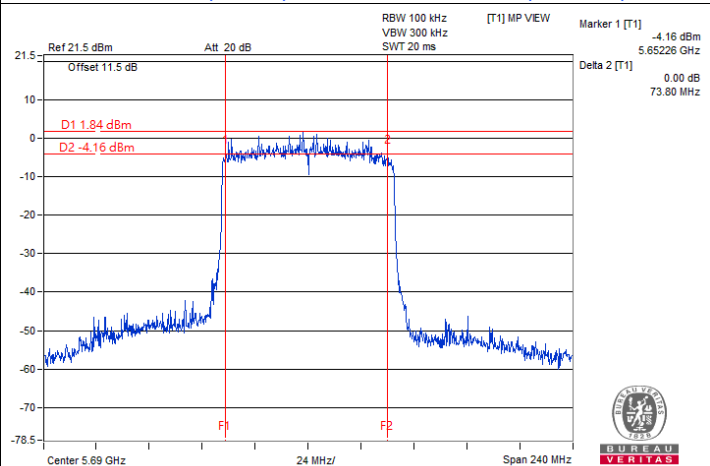
802.11a / Chain 1 : CH 144 (U-NII-3)



802.11ax (HE20) / Chain 0 : CH 144 (U-NII-3)



802.11ax (HE40) / Chain 0 : CH 142 (U-NII-3)



802.11ax (HE80) / Chain 1 : CH 138 (U-NII-3)

Note: For U-NII-3 straddle channel = Marker 1 + Delta 2 - 5725 MHz

7.5 Occupied Bandwidth

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

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	16.32	16.44
40	5200	16.38	16.44
48	5240	16.38	16.38
52	5260	16.44	16.44
60	5300	16.38	16.44
64	5320	16.44	16.38
100	5500	16.56	16.56
116	5580	16.38	16.44
140	5700	16.50	16.38
144 (U-NII-2C)	5720	13.22	13.22
144 (U-NII-3)	5720	3.22	3.16
149	5745	16.44	16.44
157	5785	16.44	16.38
165	5825	16.38	16.50

802.11ax (HE20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	18.90	18.90
40	5200	18.84	18.90
48	5240	18.84	18.90
52	5260	18.90	18.84
60	5300	18.96	18.90
64	5320	18.90	18.84
100	5500	18.90	18.90
116	5580	18.84	18.84
140	5700	18.84	18.90
144 (U-NII-2C)	5720	14.48	14.48
144 (U-NII-3)	5720	4.42	4.36
149	5745	18.90	18.84
157	5785	18.84	18.96
165	5825	18.96	18.96

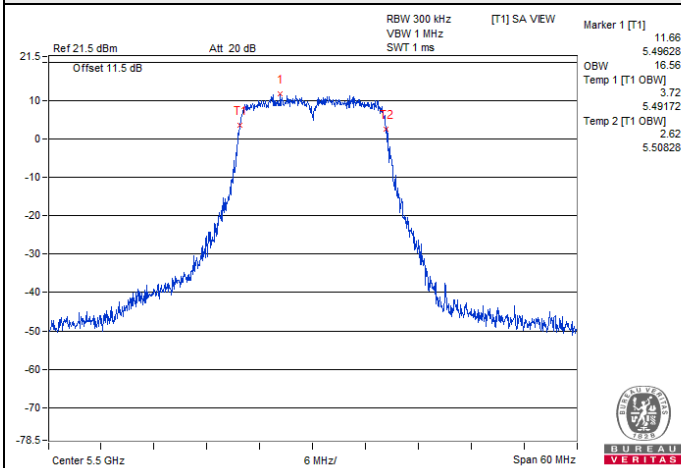
802.11ax (HE40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
38	5190	37.80	37.56
46	5230	37.68	37.80
54	5270	37.80	37.80
62	5310	37.68	37.92
102	5510	37.68	37.92
110	5550	37.68	37.80
134	5670	37.80	37.80
142 (U-NII-2C)	5710	33.84	33.84
142 (U-NII-3)	5710	3.72	3.84
151	5755	38.04	37.80
159	5795	37.80	37.68

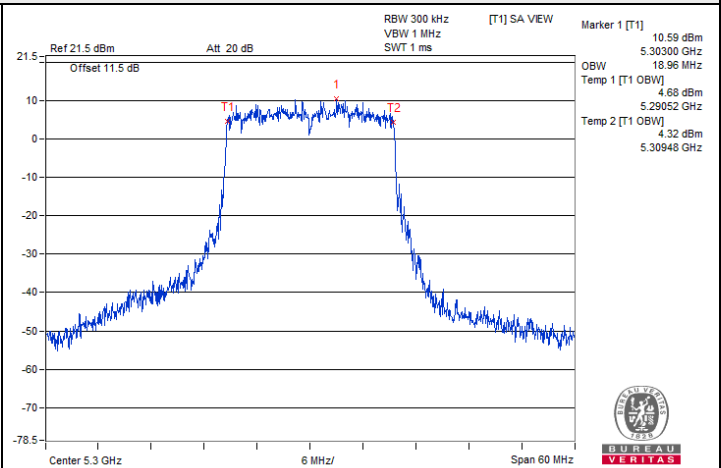
802.11ax (HE80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
42	5210	77.04	76.80
58	5290	77.28	76.80
106	5530	77.04	77.04
122	5610	76.80	77.28
138 (U-NII-2C)	5690	73.64	73.64
138 (U-NII-3)	5690	3.40	3.40
155	5775	77.04	76.80

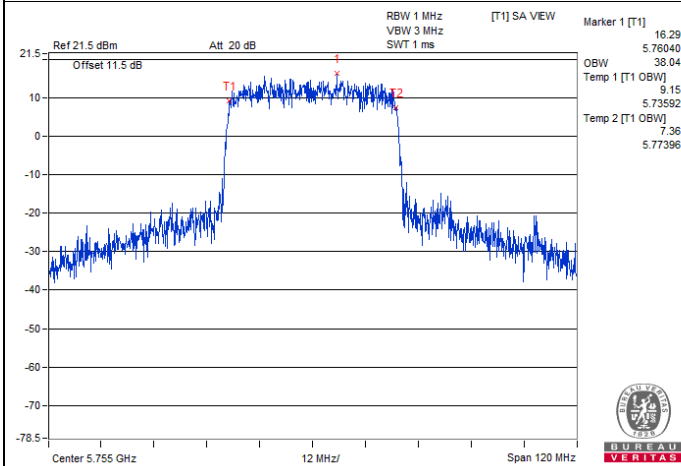
Spectrum Plot of Maximum Value



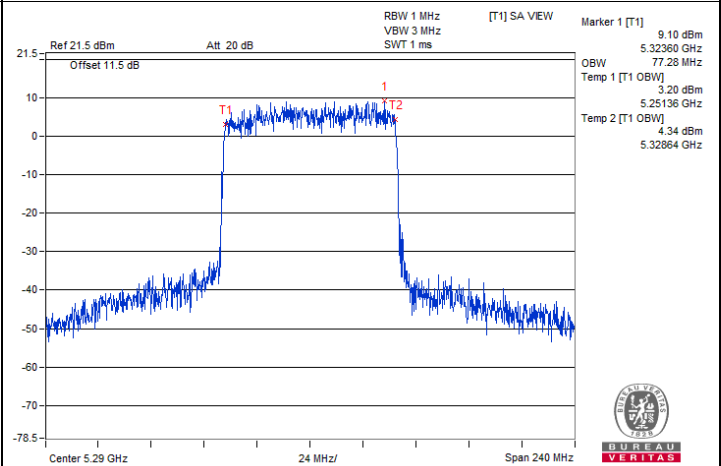
802.11a / Chain 0 : CH 100



802.11ax (HE20) / Chain 0 : CH 60

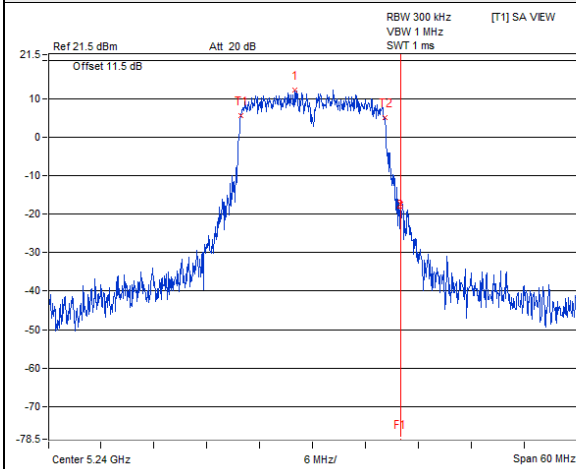


802.11ax (HE40) / Chain 0 : CH 151

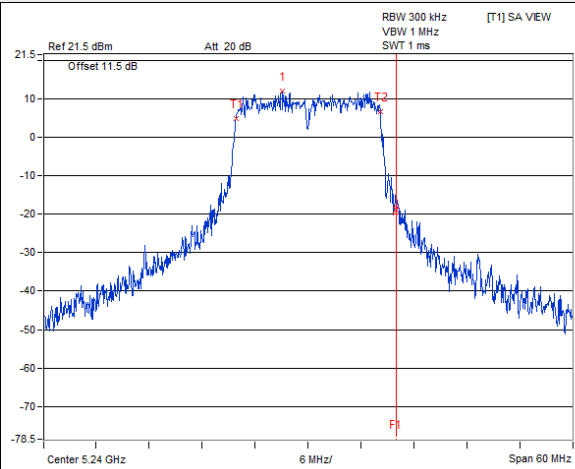


802.11ax (HE80) / Chain 0 : CH 58

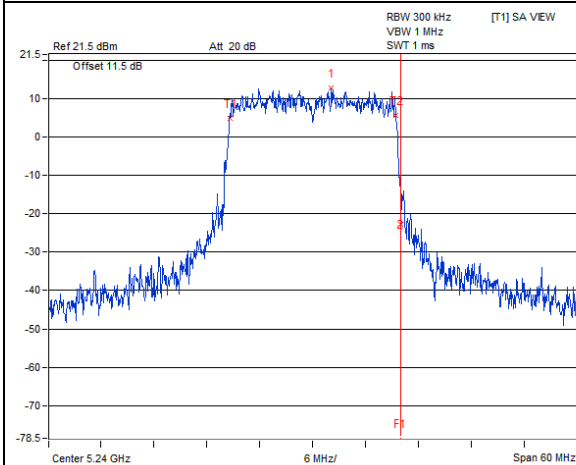
Spectrum Plot for nearby DFS band
(DFS is required, if 99% OCP straddle into U-NII-2A)



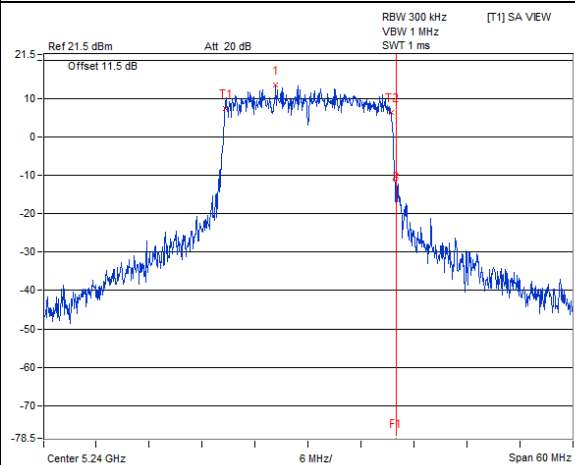
802.11a / Chain 0 : CH 48



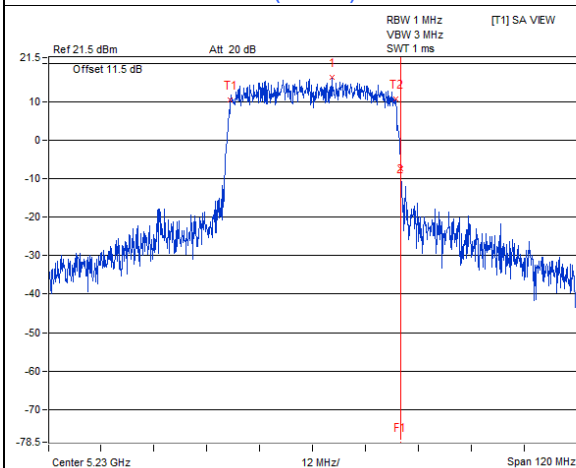
802.11a / Chain 1 : CH 48



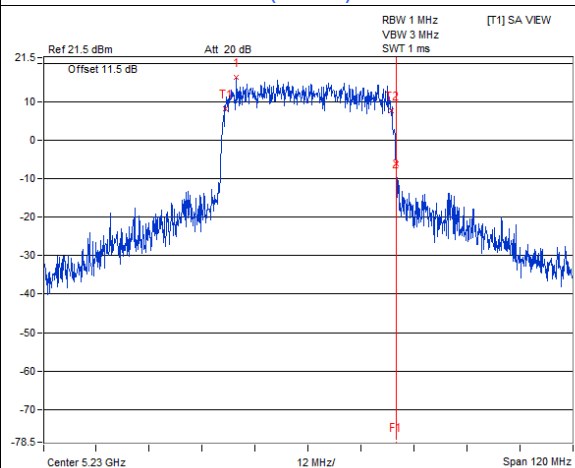
802.11ax (HE20) / Chain 0 : CH 48



802.11ax (HE20) / Chain 1 : CH 48

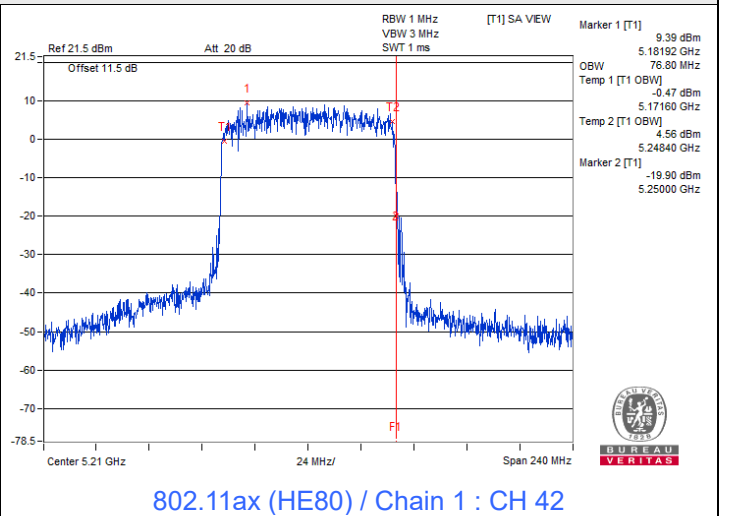
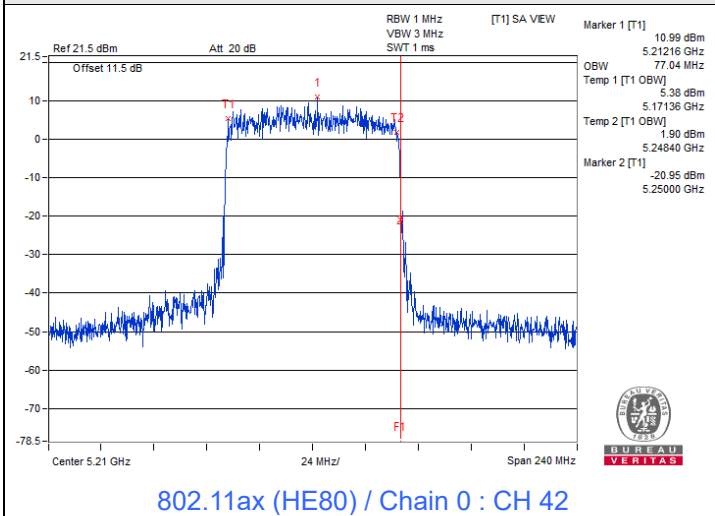


802.11ax (HE40) / Chain 0 : CH 46

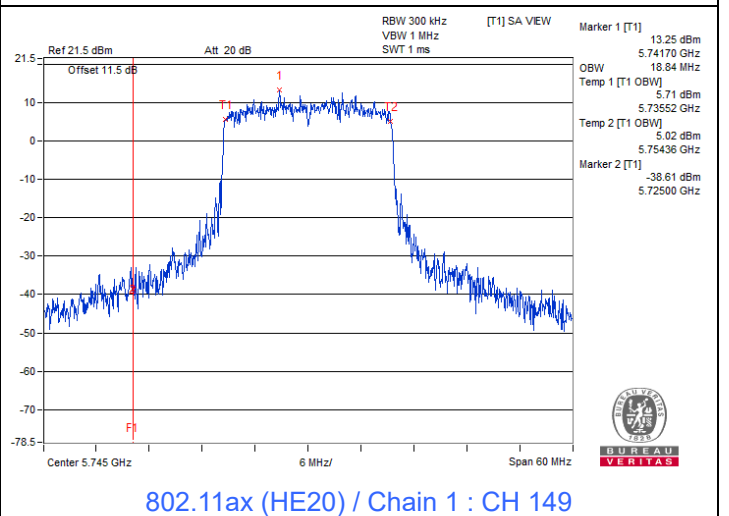
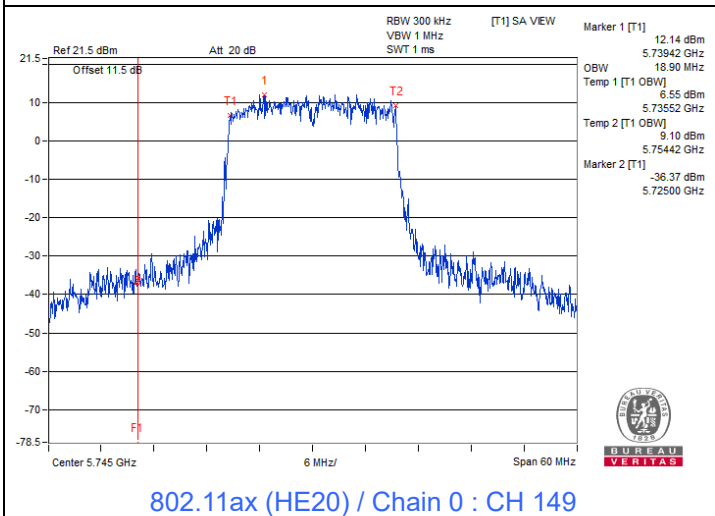
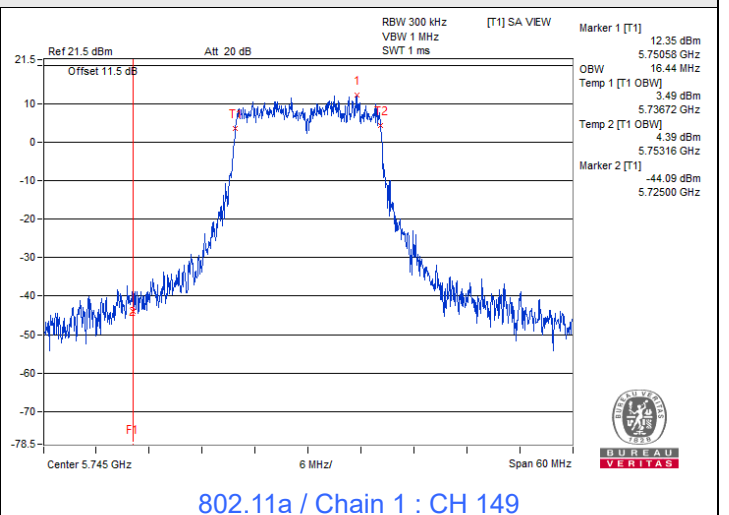
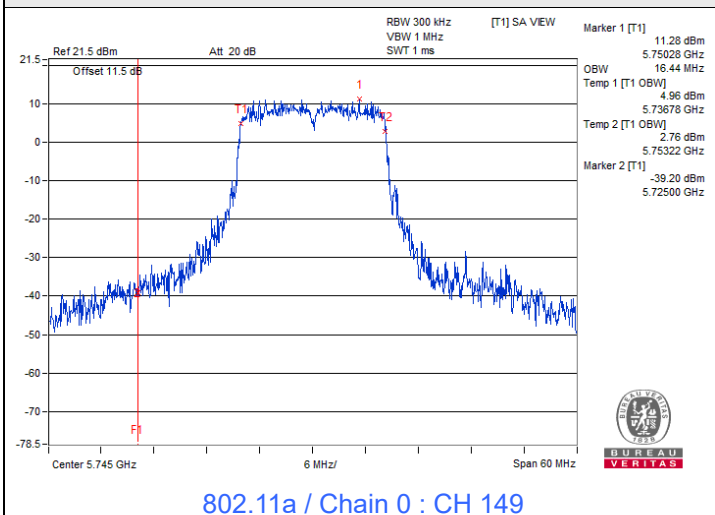


802.11ax (HE40) / Chain 1 : CH 46

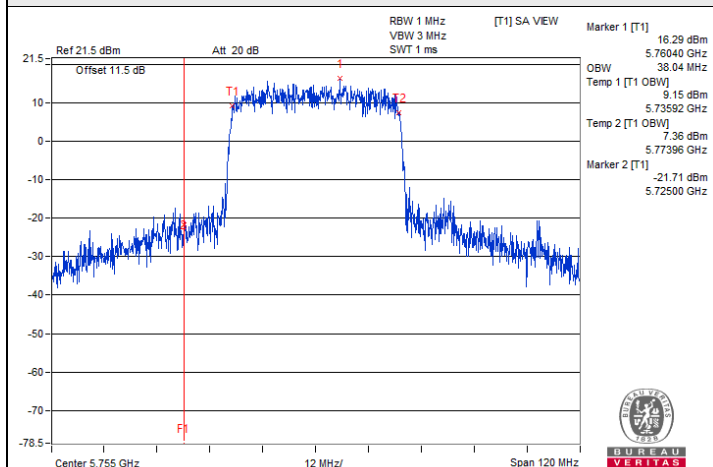
**Spectrum Plot for nearby DFS band
(DFS is required, if 99% OCP straddle into U-NII-2A)**



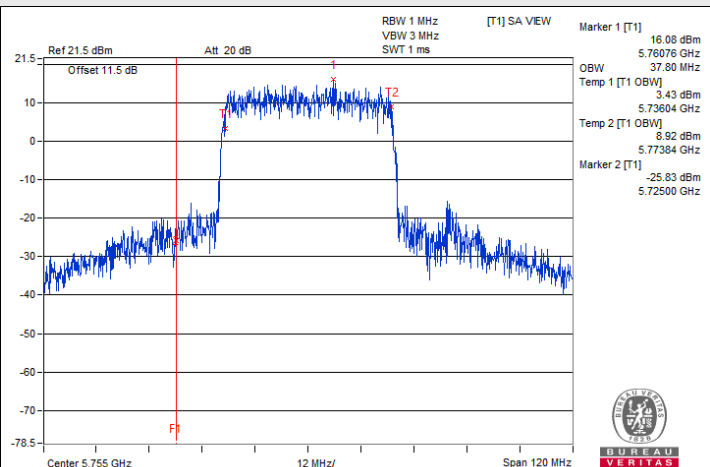
**Spectrum Plot for nearby DFS band
(DFS is required, if 99% OCP straddle into U-NII-2C)**



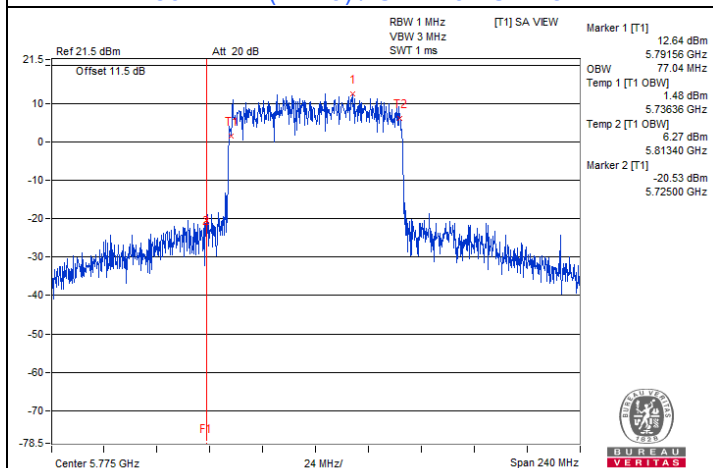
Spectrum Plot for nearby DFS band
(DFS is required, if 99% OCP straddle into U-NII-2C)



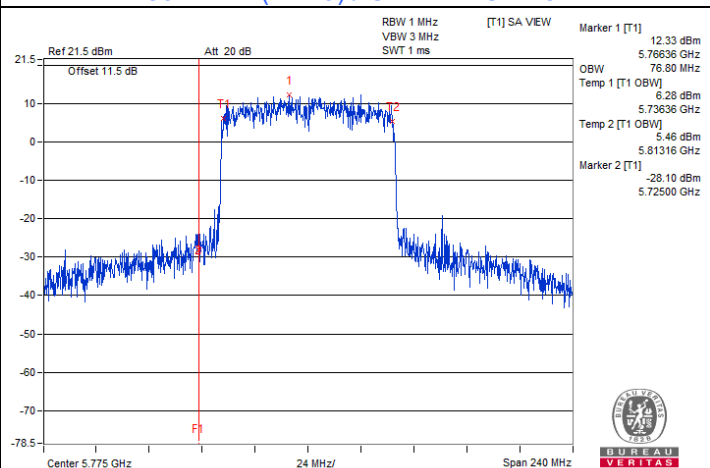
802.11ax (HE40) / Chain 0 : CH 151



802.11ax (HE40) / Chain 1 : CH 151



802.11ax (HE80) / Chain 0 : CH 155



802.11ax (HE80) / Chain 1 : CH 155

7.6 AC Power Conducted Emissions

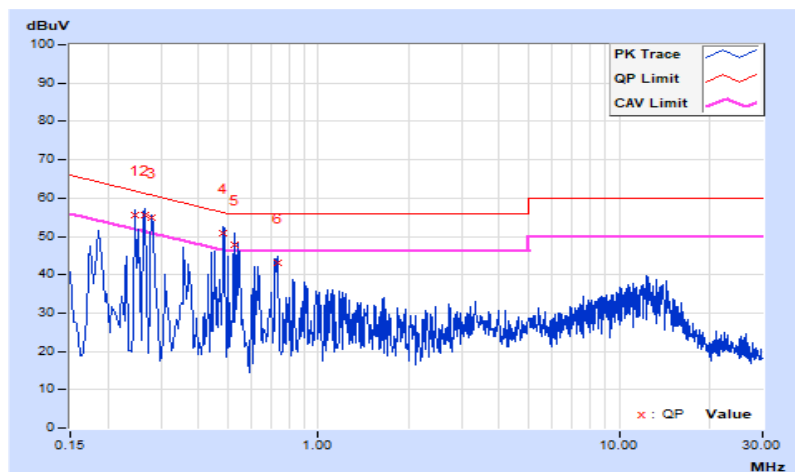
Mode A

RF Mode	802.11ax (HE40)	Channel	CH 46 : 5230 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	25 °C, 70% RH
Tested By	Luis Lee		

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	0.24600	9.71	45.83	31.66	55.54	41.37	61.89	51.89	-6.35	-10.52
2	0.26569	9.71	45.75	32.31	55.46	42.02	61.25	51.25	-5.79	-9.23
3	0.27800	9.71	45.01	35.44	54.72	45.15	60.88	50.88	-6.16	-5.73
4	0.48200	9.73	41.28	28.71	51.01	38.44	56.30	46.30	-5.29	-7.86
5	0.52600	9.73	38.15	22.21	47.88	31.94	56.00	46.00	-8.12	-14.06
6	0.73000	9.76	33.26	25.68	43.02	35.44	56.00	46.00	-12.98	-10.56

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

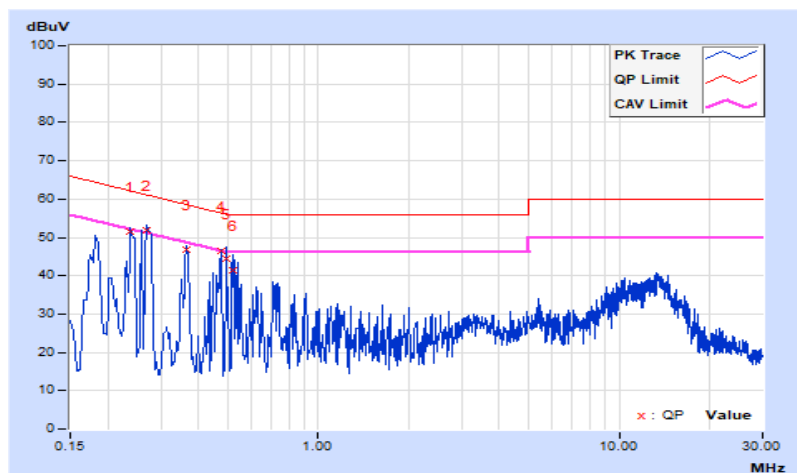


RF Mode	802.11ax (HE40)	Channel	CH 46 : 5230 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 70% RH
Tested By	Luis Lee		

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	0.23800	9.67	41.68	32.46	51.35	42.13	62.17	52.17	-10.82	-10.04
2	0.26992	9.68	42.03	33.25	51.71	42.93	61.12	51.12	-9.41	-8.19
3	0.36600	9.72	37.12	29.79	46.84	39.51	58.59	48.59	-11.75	-9.08
4	0.47686	9.74	36.58	25.10	46.32	34.84	56.39	46.39	-10.07	-11.55
5	0.49400	9.74	34.67	13.83	44.41	23.57	56.10	46.10	-11.69	-22.53
6	0.51800	9.75	31.55	12.42	41.30	22.17	56.00	46.00	-14.70	-23.83

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



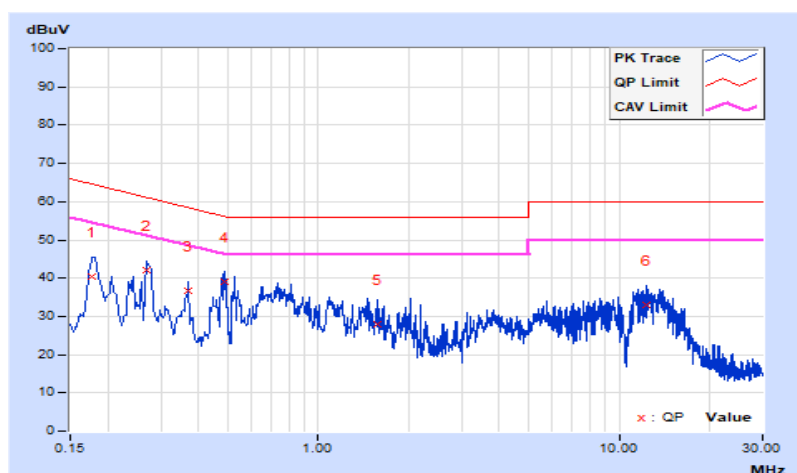
Mode B

RF Mode	802.11ax (HE40)	Channel	CH 46 : 5230 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, 68% RH
Tested By	Edison Lee		

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	0.17801	9.70	30.70	24.90	40.40	34.60	64.58	54.58	-24.18	-19.98
2	0.26992	9.71	32.37	23.67	42.08	33.38	61.12	51.12	-19.04	-17.74
3	0.37000	9.72	26.98	19.09	36.70	28.81	58.50	48.50	-21.80	-19.69
4	0.48600	9.73	29.38	16.86	39.11	26.59	56.24	46.24	-17.13	-19.65
5	1.58200	9.79	18.02	12.46	27.81	22.25	56.00	46.00	-28.19	-23.75
6	12.36200	10.00	23.12	9.08	33.12	19.08	60.00	50.00	-26.88	-30.92

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

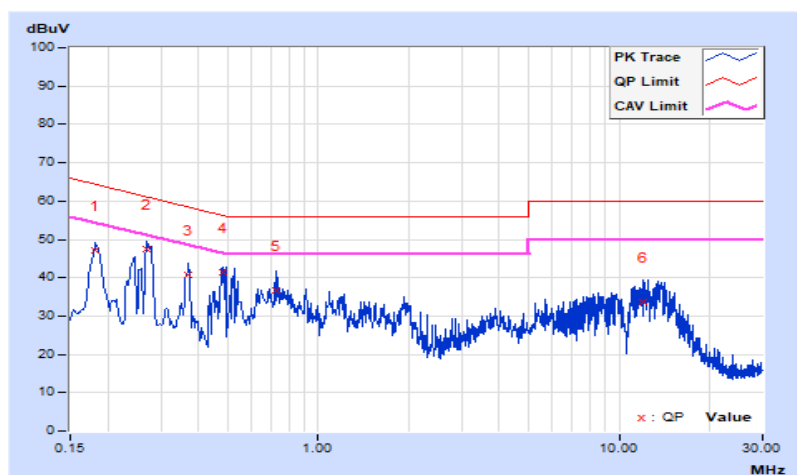


RF Mode	802.11ax (HE40)	Channel	CH 46 : 5230 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 68% RH
Tested By	Edison Lee		

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	0.18180	9.66	37.50	29.31	47.16	38.97	64.40	54.40	-17.24	-15.43
2	0.26992	9.68	37.63	28.28	47.31	37.96	61.12	51.12	-13.81	-13.16
3	0.37000	9.72	30.94	22.44	40.66	32.16	58.50	48.50	-17.84	-16.34
4	0.48191	9.74	31.80	20.61	41.54	30.35	56.31	46.31	-14.77	-15.96
5	0.72200	9.77	27.08	18.51	36.85	28.28	56.00	46.00	-19.15	-17.72
6	12.04200	10.06	23.76	9.62	33.82	19.68	60.00	50.00	-26.18	-30.32

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



7.7 Unwanted Emissions below 1 GHz

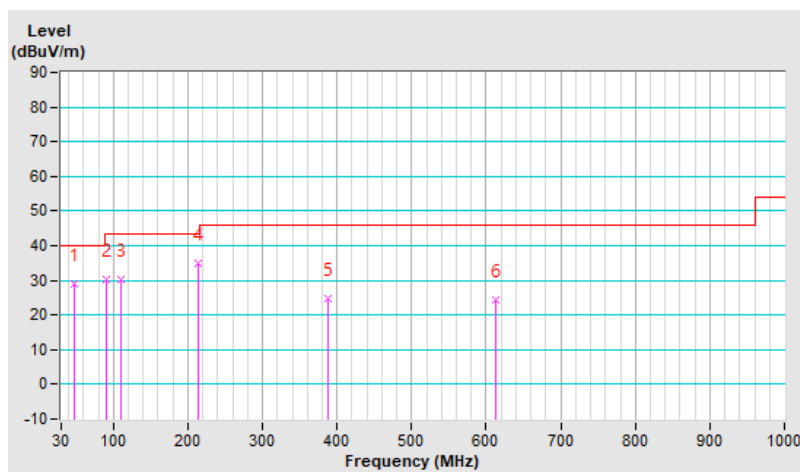
Mode A

RF Mode	802.11ax (HE40)	Channel	CH 46 : 5230 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, 66% RH
Tested By	Luis 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	48.28	29.0 QP	40.0	-11.0	1.49 H	251	37.8	-8.8
2	90.45	30.1 QP	43.5	-13.4	1.49 H	227	44.7	-14.6
3	110.13	30.2 QP	43.5	-13.3	1.49 H	283	42.1	-11.9
4	214.16	34.8 QP	43.5	-8.7	1.49 H	202	46.1	-11.3
5	387.07	24.6 QP	46.0	-21.4	1.49 H	110	30.4	-5.8
6	613.41	24.4 QP	46.0	-21.6	1.49 H	270	25.2	-0.8

Remarks:

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

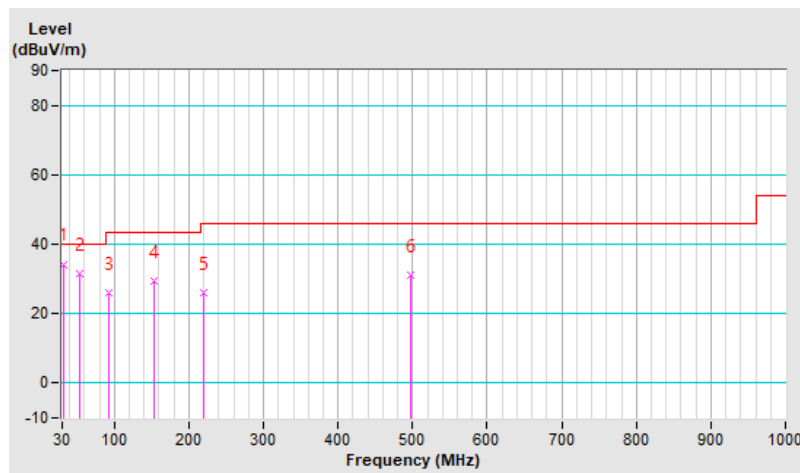


RF Mode	802.11ax (HE40)	Channel	CH 46 : 5230 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Luis Lee		

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	32.81	34.3 QP	40.0	-5.7	1.00 V	147	44.8	-10.5
2	53.90	31.6 QP	40.0	-8.4	1.00 V	331	40.7	-9.1
3	91.86	26.2 QP	43.5	-17.3	1.00 V	252	40.6	-14.4
4	152.30	29.5 QP	43.5	-14.0	1.00 V	10	38.1	-8.6
5	219.78	26.0 QP	46.0	-20.0	1.00 V	174	37.2	-11.2
6	496.72	31.3 QP	46.0	-14.7	1.50 V	197	35.1	-3.8

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 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.



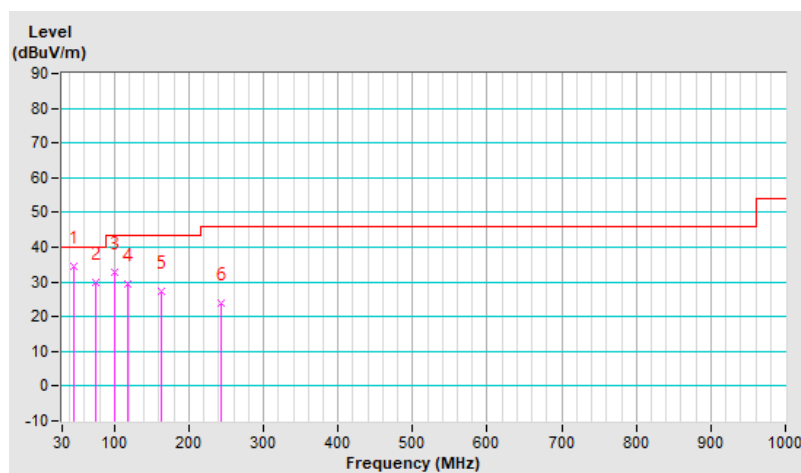
Mode B

RF Mode	802.11ax (HE40)	Channel	CH 46 : 5230 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, 68% RH
Tested By	Edison 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	45.46	34.3 QP	40.0	-5.7	1.00 H	311	43.2	-8.9
2	74.99	29.8 QP	40.0	-10.2	1.00 H	108	41.5	-11.7
3	100.29	32.9 QP	43.5	-10.6	1.00 H	267	46.1	-13.2
4	117.16	29.4 QP	43.5	-14.1	1.00 H	325	40.6	-11.2
5	163.55	27.3 QP	43.5	-16.2	1.49 H	281	35.8	-8.5
6	243.68	23.7 QP	46.0	-22.3	1.00 H	233	33.1	-9.4

Remarks:

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

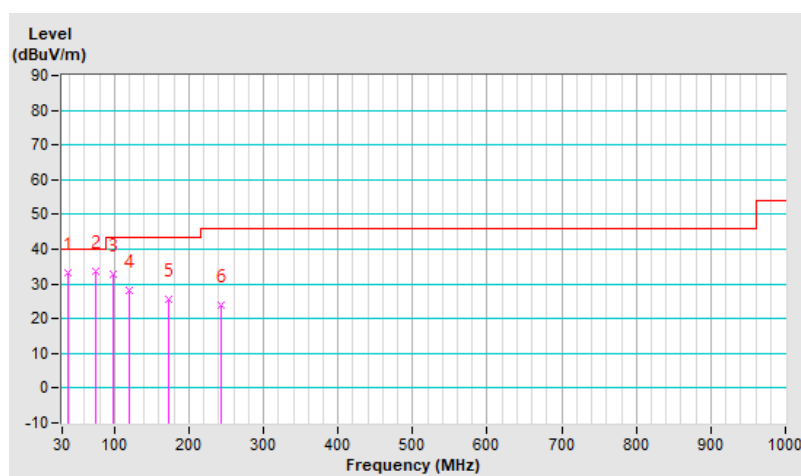


RF Mode	802.11ax (HE40)	Channel	CH 46 : 5230 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 68% RH
Tested By	Edison Lee		

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	37.03	33.4 QP	40.0	-6.6	1.01 V	198	43.2	-9.8
2	74.99	33.6 QP	40.0	-6.4	1.01 V	168	45.3	-11.7
3	98.88	32.8 QP	43.5	-10.7	1.01 V	191	46.1	-13.3
4	119.97	28.0 QP	43.5	-15.5	1.01 V	268	38.9	-10.9
5	173.39	25.6 QP	43.5	-17.9	1.50 V	6	34.8	-9.2
6	243.68	23.7 QP	46.0	-22.3	1.01 V	247	33.1	-9.4

Remarks:

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



7.8 Unwanted Emissions above 1 GHz

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=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	64.4 PK	74.0	-9.6	1.11 H	52	53.0	11.4
2	5150.00	49.8 AV	54.0	-4.2	1.11 H	52	38.4	11.4
3	*5180.00	116.3 PK			1.11 H	52	74.9	41.4
4	*5180.00	106.2 AV			1.11 H	52	64.8	41.4
5	#10360.00	58.2 PK	68.2	-10.0	3.22 H	188	37.2	21.0
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	67.2 PK	74.0	-6.8	1.16 V	53	55.8	11.4
2	5150.00	52.6 AV	54.0	-1.4	1.16 V	53	41.2	11.4
3	*5180.00	119.1 PK			1.16 V	53	77.7	41.4
4	*5180.00	109.1 AV			1.16 V	53	67.7	41.4
5	#10360.00	58.5 PK	68.2	-9.7	2.22 V	185	37.5	21.0

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	802.11a	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=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	118.4 PK			1.16 H	50	77.1	41.3
2	*5200.00	107.5 AV			1.16 H	50	66.2	41.3
3	#10400.00	58.8 PK	68.2	-9.4	3.21 H	180	37.5	21.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	120.5 PK			1.15 V	53	79.2	41.3
2	*5200.00	110.5 AV			1.15 V	53	69.2	41.3
3	#10400.00	59.0 PK	68.2	-9.2	2.25 V	189	37.7	21.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, 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=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	118.0 PK			1.18 H	60	76.8	41.2
2	*5240.00	107.4 AV			1.18 H	60	66.2	41.2
3	5350.00	58.1 PK	74.0	-15.9	1.18 H	60	47.0	11.1
4	5350.00	45.2 AV	54.0	-8.8	1.18 H	60	34.1	11.1
5	#10480.00	58.5 PK	68.2	-9.7	3.20 H	188	37.1	21.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	119.7 PK			1.08 V	54	78.5	41.2
2	*5240.00	109.5 AV			1.08 V	54	68.3	41.2
3	5350.00	58.3 PK	74.0	-15.7	1.08 V	54	47.2	11.1
4	5350.00	45.4 AV	54.0	-8.6	1.08 V	54	34.3	11.1
5	#10480.00	59.0 PK	68.2	-9.2	2.29 V	190	37.6	21.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, 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, 66% RH
Tested By	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	66.2 PK	74.0	-7.8	1.13 H	50	54.8	11.4
2	5150.00	52.2 AV	54.0	-1.8	1.13 H	50	40.8	11.4
3	*5180.00	120.0 PK			1.13 H	50	78.6	41.4
4	*5180.00	107.6 AV			1.13 H	50	66.2	41.4
5	#10360.00	58.1 PK	68.2	-10.1	3.20 H	190	37.1	21.0
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	66.4 PK	74.0	-7.6	1.07 V	58	55.0	11.4
2	5150.00	52.4 AV	54.0	-1.6	1.07 V	58	41.0	11.4
3	*5180.00	122.4 PK			1.07 V	58	81.0	41.4
4	*5180.00	110.2 AV			1.07 V	58	68.8	41.4
5	#10360.00	58.6 PK	68.2	-9.6	2.29 V	191	37.6	21.0

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 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, 66% RH
Tested By	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	119.3 PK			1.08 H	52	78.0	41.3
2	*5200.00	107.3 AV			1.08 H	52	66.0	41.3
3	#10400.00	58.5 PK	68.2	-9.7	3.21 H	186	37.2	21.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	122.0 PK			1.12 V	57	80.7	41.3
2	*5200.00	110.3 AV			1.12 V	57	69.0	41.3
3	#10400.00	58.9 PK	68.2	-9.3	2.29 V	192	37.6	21.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, 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, 66% RH
Tested By	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	120.1 PK			1.21 H	52	78.9	41.2
2	*5240.00	107.1 AV			1.21 H	52	65.9	41.2
3	5350.00	59.0 PK	74.0	-15.0	1.21 H	52	47.9	11.1
4	5350.00	45.8 AV	54.0	-8.2	1.21 H	52	34.7	11.1
5	#10480.00	59.0 PK	68.2	-9.2	3.25 H	190	37.6	21.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	122.8 PK			1.12 V	53	81.6	41.2
2	*5240.00	110.5 AV			1.12 V	53	69.3	41.2
3	5350.00	59.6 PK	74.0	-14.4	1.12 V	53	48.5	11.1
4	5350.00	45.1 AV	54.0	-8.9	1.12 V	53	34.0	11.1
5	#10480.00	59.1 PK	68.2	-9.1	2.29 V	192	37.7	21.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, 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=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	65.3 PK	74.0	-8.7	1.11 H	50	53.9	11.4
2	5150.00	50.1 AV	54.0	-3.9	1.11 H	50	38.7	11.4
3	*5190.00	114.5 PK			1.11 H	50	73.2	41.3
4	*5190.00	102.5 AV			1.11 H	50	61.2	41.3
5	#10380.00	58.1 PK	68.2	-10.1	3.25 H	186	37.0	21.1
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	5150.00	67.8 PK	74.0	-6.2	1.17 V	52	56.4	11.4
2	5150.00	53.9 AV	54.0	-0.1	1.17 V	52	42.5	11.4
3	*5190.00	117.5 PK			1.17 V	52	76.2	41.3
4	*5190.00	104.8 AV			1.17 V	52	63.5	41.3
5	#10380.00	58.4 PK	68.2	-9.8	2.29 V	190	37.3	21.1

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 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=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.8 PK	74.0	-12.2	1.21 H	51	50.4	11.4
2	5150.00	48.6 AV	54.0	-5.4	1.21 H	51	37.2	11.4
3	*5230.00	119.3 PK			1.21 H	51	78.1	41.2
4	*5230.00	105.8 AV			1.21 H	51	64.6	41.2
5	5350.00	58.3 PK	74.0	-15.7	1.21 H	51	47.2	11.1
6	5350.00	45.2 AV	54.0	-8.8	1.21 H	51	34.1	11.1
7	#10460.00	58.4 PK	68.2	-9.8	3.22 H	187	37.0	21.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	63.4 PK	74.0	-10.6	1.15 V	53	52.0	11.4
2	5150.00	49.5 AV	54.0	-4.5	1.15 V	53	38.1	11.4
3	*5230.00	120.7 PK			1.15 V	53	79.5	41.2
4	*5230.00	108.7 AV			1.15 V	53	67.5	41.2
5	5350.00	58.6 PK	74.0	-15.4	1.15 V	53	47.5	11.1
6	5350.00	45.6 AV	54.0	-8.4	1.15 V	53	34.5	11.1
7	#10460.00	58.6 PK	68.2	-9.6	2.31 V	187	37.2	21.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, 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=3 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	63.3 PK	74.0	-10.7	1.08 H	49	51.9	11.4
2	5150.00	51.9 AV	54.0	-2.1	1.08 H	49	40.5	11.4
3	*5210.00	111.0 PK			1.08 H	49	69.7	41.3
4	*5210.00	98.6 AV			1.08 H	49	57.3	41.3
5	#10420.00	58.3 PK	68.2	-9.9	3.25 H	190	37.1	21.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	65.7 PK	74.0	-8.3	1.19 V	54	54.3	11.4
2	5150.00	53.0 AV	54.0	-1.0	1.19 V	54	41.6	11.4
3	*5210.00	113.6 PK			1.19 V	54	72.3	41.3
4	*5210.00	101.4 AV			1.19 V	54	60.1	41.3
5	#10420.00	58.4 PK	68.2	-9.8	2.35 V	182	37.2	21.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, 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 52 : 5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	58.4 PK	74.0	-15.6	1.21 H	52	47.0	11.4
2	5150.00	45.7 AV	54.0	-8.3	1.21 H	52	34.3	11.4
3	*5260.00	115.2 PK			1.21 H	52	74.1	41.1
4	*5260.00	104.7 AV			1.21 H	52	63.6	41.1
5	#10520.00	58.7 PK	68.2	-9.5	3.25 H	191	37.3	21.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.6 PK	74.0	-15.4	1.18 V	56	47.2	11.4
2	5150.00	45.9 AV	54.0	-8.1	1.18 V	56	34.5	11.4
3	*5260.00	117.3 PK			1.18 V	56	76.2	41.1
4	*5260.00	107.2 AV			1.18 V	56	66.1	41.1
5	#10520.00	58.9 PK	68.2	-9.3	2.28 V	189	37.5	21.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, 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 60 : 5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	114.9 PK			1.10 H	51	73.7	41.2
2	*5300.00	104.4 AV			1.10 H	51	63.2	41.2
3	10600.00	58.7 PK	74.0	-15.3	3.20 H	180	37.2	21.5
4	10600.00	45.8 AV	54.0	-8.2	3.20 H	180	24.3	21.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	116.3 PK			1.11 V	56	75.1	41.2
2	*5300.00	106.1 AV			1.11 V	56	64.9	41.2
3	10600.00	59.0 PK	74.0	-15.0	2.29 V	182	37.5	21.5
4	10600.00	46.1 AV	54.0	-7.9	2.29 V	182	24.6	21.5

Remarks:

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

RF Mode	802.11a	Channel	CH 64 : 5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	114.3 PK			1.00 H	50	73.0	41.3
2	*5320.00	104.7 AV			1.00 H	50	63.4	41.3
3	5350.00	57.9 PK	74.0	-16.1	1.00 H	50	46.8	11.1
4	5350.00	45.1 AV	54.0	-8.9	1.00 H	50	34.0	11.1
5	10640.00	59.0 PK	74.0	-15.0	3.20 H	192	37.4	21.6
6	10640.00	46.2 AV	54.0	-7.8	3.20 H	192	24.6	21.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	115.8 PK			1.28 V	60	74.5	41.3
2	*5320.00	105.7 AV			1.28 V	60	64.4	41.3
3	5350.00	58.3 PK	74.0	-15.7	1.28 V	60	47.2	11.1
4	5350.00	45.5 AV	54.0	-8.5	1.28 V	60	34.4	11.1
5	10640.00	59.1 PK	74.0	-14.9	2.22 V	185	37.5	21.6
6	10640.00	46.3 AV	54.0	-7.7	2.22 V	185	24.7	21.6

Remarks:

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

RF Mode	802.11ax (HE20)	Channel	CH 52 : 5260 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, 66% RH
Tested By	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	58.4 PK	74.0	-15.6	1.23 H	53	47.0	11.4
2	5150.00	45.5 AV	54.0	-8.5	1.23 H	53	34.1	11.4
3	*5260.00	117.6 PK			1.23 H	53	76.5	41.1
4	*5260.00	104.6 AV			1.23 H	53	63.5	41.1
5	#10520.00	58.7 PK	68.2	-9.5	3.22 H	183	37.3	21.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.6 PK	74.0	-15.4	1.17 V	58	47.2	11.4
2	5150.00	45.7 AV	54.0	-8.3	1.17 V	58	34.3	11.4
3	*5260.00	118.6 PK			1.17 V	58	77.5	41.1
4	*5260.00	106.9 AV			1.17 V	58	65.8	41.1
5	#10520.00	58.9 PK	68.2	-9.3	2.31 V	190	37.5	21.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, 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 60 : 5300 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, 66% RH
Tested By	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	116.9 PK			1.14 H	52	75.7	41.2
2	*5300.00	104.9 AV			1.14 H	52	63.7	41.2
3	10600.00	59.0 PK	74.0	-15.0	3.20 H	188	37.5	21.5
4	10600.00	45.6 AV	54.0	-8.4	3.20 H	188	24.1	21.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	117.8 PK			1.10 V	57	76.6	41.2
2	*5300.00	106.0 AV			1.10 V	57	64.8	41.2
3	10600.00	59.1 PK	74.0	-14.9	2.21 V	187	37.6	21.5
4	10600.00	46.3 AV	54.0	-7.7	2.21 V	187	24.8	21.5

Remarks:

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

RF Mode	802.11ax (HE20)	Channel	CH 64 : 5320 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, 66% RH
Tested By	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	116.1 PK			1.13 H	50	74.8	41.3
2	*5320.00	105.2 AV			1.13 H	50	63.9	41.3
3	5350.00	58.0 PK	74.0	-16.0	1.13 H	50	46.9	11.1
4	5350.00	45.1 AV	54.0	-8.9	1.13 H	50	34.0	11.1
5	10640.00	58.6 PK	74.0	-15.4	3.25 H	193	37.0	21.6
6	10640.00	46.1 AV	54.0	-7.9	3.25 H	193	24.5	21.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	117.4 PK			1.17 V	57	76.1	41.3
2	*5320.00	105.9 AV			1.17 V	57	64.6	41.3
3	5350.00	58.3 PK	74.0	-15.7	1.17 V	57	47.2	11.1
4	5350.00	45.7 AV	54.0	-8.3	1.17 V	57	34.6	11.1
5	10640.00	59.1 PK	74.0	-14.9	2.25 V	195	37.5	21.6
6	10640.00	46.3 AV	54.0	-7.7	2.25 V	195	24.7	21.6

Remarks:

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

RF Mode	802.11ax (HE40)	Channel	CH 54 : 5270 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (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	58.1 PK	74.0	-15.9	1.10 H	53	46.7	11.4
2	5150.00	45.4 AV	54.0	-8.6	1.10 H	53	34.0	11.4
3	*5270.00	114.7 PK			1.10 H	53	73.6	41.1
4	*5270.00	102.4 AV			1.10 H	53	61.3	41.1
5	#10540.00	58.4 PK	68.2	-9.8	3.15 H	186	37.0	21.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.4 PK	74.0	-15.6	1.17 V	56	47.0	11.4
2	5150.00	45.7 AV	54.0	-8.3	1.17 V	56	34.3	11.4
3	*5270.00	116.7 PK			1.17 V	56	75.6	41.1
4	*5270.00	104.7 AV			1.17 V	56	63.6	41.1
5	#10540.00	58.9 PK	68.2	-9.3	2.25 V	190	37.5	21.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, 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 62 : 5310 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	114.2 PK			1.05 H	53	73.0	41.2
2	*5310.00	102.5 AV			1.05 H	53	61.3	41.2
3	5350.00	63.3 PK	74.0	-10.7	1.05 H	53	52.2	11.1
4	5350.00	47.6 AV	54.0	-6.4	1.05 H	53	36.5	11.1
5	10620.00	58.7 PK	74.0	-15.3	3.25 H	188	37.2	21.5
6	10620.00	45.8 AV	54.0	-8.2	3.25 H	188	24.3	21.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	115.3 PK			1.15 V	60	74.1	41.2
2	*5310.00	103.6 AV			1.15 V	60	62.4	41.2
3	5350.00	64.1 PK	74.0	-9.9	1.15 V	60	53.0	11.1
4	5350.00	47.8 AV	54.0	-6.2	1.15 V	60	36.7	11.1
5	10620.00	59.1 PK	74.0	-14.9	2.29 V	188	37.6	21.5
6	10620.00	46.2 AV	54.0	-7.8	2.29 V	188	24.7	21.5

Remarks:

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

RF Mode	802.11ax (HE80)	Channel	CH 58 : 5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	TitanHSU		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5290.00	111.6 PK			1.13 H	53	70.4	41.2
2	*5290.00	99.9 AV			1.13 H	53	58.7	41.2
3	5350.00	65.8 PK	74.0	-8.2	1.13 H	53	54.7	11.1
4	5350.00	49.8 AV	54.0	-4.2	1.13 H	53	38.7	11.1
5	#10580.00	58.9 PK	68.2	-9.3	3.22 H	191	37.4	21.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5290.00	113.2 PK			1.13 V	55	72.0	41.2
2	*5290.00	101.7 AV			1.13 V	55	60.5	41.2
3	5350.00	66.5 PK	74.0	-7.5	1.13 V	55	55.4	11.1
4	5350.00	50.3 AV	54.0	-3.7	1.13 V	55	39.2	11.1
5	#10580.00	59.0 PK	68.2	-9.2	2.29 V	185	37.5	21.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, 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 100 : 5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Luis 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	57.8 PK	74.0	-16.2	1.02 H	56	46.5	11.3
2	5460.00	45.3 AV	54.0	-8.7	1.02 H	56	34.0	11.3
3	#5470.00	59.0 PK	68.2	-9.2	1.02 H	56	47.7	11.3
4	*5500.00	115.8 PK			1.02 H	56	74.2	41.6
5	*5500.00	105.3 AV			1.02 H	56	63.7	41.6
6	11000.00	59.2 PK	74.0	-14.8	3.12 H	190	37.8	21.4
7	11000.00	46.2 AV	54.0	-7.8	3.12 H	190	24.8	21.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.1 PK	74.0	-15.9	1.04 V	129	46.8	11.3
2	5460.00	45.5 AV	54.0	-8.5	1.04 V	129	34.2	11.3
3	#5470.00	59.3 PK	68.2	-8.9	1.04 V	129	48.0	11.3
4	*5500.00	117.2 PK			1.04 V	129	75.6	41.6
5	*5500.00	106.8 AV			1.04 V	129	65.2	41.6
6	11000.00	59.6 PK	74.0	-14.4	2.23 V	192	38.2	21.4
7	11000.00	46.6 AV	54.0	-7.4	2.23 V	192	25.2	21.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, 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 116 : 5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Luis 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	*5580.00	115.1 PK			1.08 H	60	73.4	41.7
2	*5580.00	104.8 AV			1.08 H	60	63.1	41.7
3	11160.00	59.7 PK	74.0	-14.3	3.06 H	174	37.9	21.8
4	11160.00	46.5 AV	54.0	-7.5	3.06 H	174	24.7	21.8
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	*5580.00	117.4 PK			1.03 V	128	75.7	41.7
2	*5580.00	106.7 AV			1.03 V	128	65.0	41.7
3	11160.00	60.0 PK	74.0	-14.0	2.25 V	195	38.2	21.8
4	11160.00	46.9 AV	54.0	-7.1	2.25 V	195	25.1	21.8

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.

RF Mode	802.11a	Channel	CH 140 : 5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Luis 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	*5700.00	113.1 PK			1.04 H	51	70.9	42.2
2	*5700.00	102.0 AV			1.04 H	51	59.8	42.2
3	#5725.00	59.9 PK	68.2	-8.3	1.04 H	51	48.1	11.8
4	11400.00	60.2 PK	74.0	-13.8	3.05 H	199	37.9	22.3
5	11400.00	47.1 AV	54.0	-6.9	3.05 H	199	24.8	22.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	117.5 PK			1.14 V	134	75.3	42.2
2	*5700.00	105.9 AV			1.14 V	134	63.7	42.2
3	#5725.00	60.3 PK	68.2	-7.9	1.14 V	134	48.5	11.8
4	11400.00	60.5 PK	74.0	-13.5	2.25 V	197	38.2	22.3
5	11400.00	47.5 AV	54.0	-6.5	2.25 V	197	25.2	22.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, 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 144 : 5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Luis 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	#5470.00	58.8 PK	68.2	-9.4	1.00 H	42	47.5	11.3
2	*5720.00	113.7 PK			1.00 H	42	71.5	42.2
3	*5720.00	102.9 AV			1.00 H	42	60.7	42.2
4	#5850.00	59.3 PK	68.2	-8.9	1.00 H	42	47.3	12.0
5	11440.00	60.1 PK	74.0	-13.9	3.16 H	184	37.8	22.3
6	11440.00	47.2 AV	54.0	-6.8	3.16 H	184	24.9	22.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	59.1 PK	68.2	-9.1	1.02 V	133	47.8	11.3
2	*5720.00	116.9 PK			1.02 V	133	74.7	42.2
3	*5720.00	106.2 AV			1.02 V	133	64.0	42.2
4	#5850.00	59.7 PK	68.2	-8.5	1.02 V	133	47.7	12.0
5	11440.00	60.5 PK	74.0	-13.5	2.29 V	183	38.2	22.3
6	11440.00	47.4 AV	54.0	-6.6	2.29 V	183	25.1	22.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, 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 100 : 5500 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, 66% RH
Tested By	Luis 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	58.2 PK	74.0	-15.8	1.00 H	44	46.9	11.3
2	5460.00	45.0 AV	54.0	-9.0	1.00 H	44	33.7	11.3
3	#5470.00	59.8 PK	68.2	-8.4	1.00 H	44	48.5	11.3
4	*5500.00	117.9 PK			1.00 H	44	76.3	41.6
5	*5500.00	105.4 AV			1.00 H	44	63.8	41.6
6	11000.00	59.2 PK	74.0	-14.8	3.11 H	184	37.8	21.4
7	11000.00	46.3 AV	54.0	-7.7	3.11 H	184	24.9	21.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.5 PK	74.0	-15.5	1.10 V	130	47.2	11.3
2	5460.00	45.3 AV	54.0	-8.7	1.10 V	130	34.0	11.3
3	#5470.00	60.3 PK	68.2	-7.9	1.10 V	130	49.0	11.3
4	*5500.00	119.2 PK			1.10 V	130	77.6	41.6
5	*5500.00	106.8 AV			1.10 V	130	65.2	41.6
6	11000.00	59.7 PK	74.0	-14.3	2.21 V	189	38.3	21.4
7	11000.00	46.6 AV	54.0	-7.4	2.21 V	189	25.2	21.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, 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 116 : 5580 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, 66% RH
Tested By	Luis 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	*5580.00	116.9 PK			1.02 H	48	75.2	41.7
2	*5580.00	104.8 AV			1.02 H	48	63.1	41.7
3	11160.00	59.6 PK	74.0	-14.4	3.19 H	196	37.8	21.8
4	11160.00	46.5 AV	54.0	-7.5	3.19 H	196	24.7	21.8
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	*5580.00	119.4 PK			1.05 V	127	77.7	41.7
2	*5580.00	106.9 AV			1.05 V	127	65.2	41.7
3	11160.00	60.2 PK	74.0	-13.8	2.23 V	185	38.4	21.8
4	11160.00	47.0 AV	54.0	-7.0	2.23 V	185	25.2	21.8

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.

RF Mode	802.11ax (HE20)	Channel	CH 140 : 5700 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, 66% RH
Tested By	Luis 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	*5700.00	115.1 PK			1.06 H	43	72.9	42.2
2	*5700.00	103.3 AV			1.06 H	43	61.1	42.2
3	#5725.00	59.0 PK	68.2	-9.2	1.06 H	43	47.2	11.8
4	11400.00	60.1 PK	74.0	-13.9	3.05 H	184	37.8	22.3
5	11400.00	47.2 AV	54.0	-6.8	3.05 H	184	24.9	22.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	118.2 PK			1.08 V	127	76.0	42.2
2	*5700.00	106.2 AV			1.08 V	127	64.0	42.2
3	#5725.00	64.0 PK	68.2	-4.2	1.08 V	127	52.2	11.8
4	11400.00	60.5 PK	74.0	-13.5	2.18 V	192	38.2	22.3
5	11400.00	47.4 AV	54.0	-6.6	2.18 V	192	25.1	22.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, 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 144 : 5720 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, 66% RH
Tested By	Luis 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	#5470.00	58.0 PK	68.2	-10.2	1.02 H	43	46.7	11.3
2	*5720.00	115.2 PK			1.02 H	43	73.0	42.2
3	*5720.00	102.8 AV			1.02 H	43	60.6	42.2
4	#5850.00	59.2 PK	68.2	-9.0	1.02 H	43	47.2	12.0
5	11440.00	60.1 PK	74.0	-13.9	3.03 H	194	37.8	22.3
6	11440.00	47.0 AV	54.0	-7.0	3.03 H	194	24.7	22.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.3 PK	68.2	-9.9	1.11 V	131	47.0	11.3
2	*5720.00	118.9 PK			1.11 V	131	76.7	42.2
3	*5720.00	106.7 AV			1.11 V	131	64.5	42.2
4	#5850.00	59.5 PK	68.2	-8.7	1.11 V	131	47.5	12.0
5	11440.00	60.5 PK	74.0	-13.5	2.23 V	187	38.2	22.3
6	11440.00	47.5 AV	54.0	-6.5	2.23 V	187	25.2	22.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, 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 102 : 5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Luis 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	60.0 PK	74.0	-14.0	1.00 H	46	48.7	11.3
2	5460.00	46.5 AV	54.0	-7.5	1.00 H	46	35.2	11.3
3	#5470.00	64.0 PK	68.2	-4.2	1.00 H	46	52.7	11.3
4	*5510.00	113.8 PK			1.00 H	46	72.2	41.6
5	*5510.00	101.4 AV			1.00 H	46	59.8	41.6
6	11020.00	59.2 PK	74.0	-14.8	3.18 H	199	37.8	21.4
7	11020.00	46.3 AV	54.0	-7.7	3.18 H	199	24.9	21.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.3 PK	74.0	-13.7	1.24 V	128	49.0	11.3
2	5460.00	46.8 AV	54.0	-7.2	1.24 V	128	35.5	11.3
3	#5470.00	66.5 PK	68.2	-1.7	1.24 V	128	55.2	11.3
4	*5510.00	116.6 PK			1.24 V	128	75.0	41.6
5	*5510.00	103.3 AV			1.24 V	128	61.7	41.6
6	11020.00	59.5 PK	74.0	-14.5	2.22 V	190	38.1	21.4
7	11020.00	46.5 AV	54.0	-7.5	2.22 V	190	25.1	21.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, 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 110 : 5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Luis 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	*5550.00	114.8 PK			1.08 H	52	73.2	41.6
2	*5550.00	102.0 AV			1.08 H	52	60.4	41.6
3	11100.00	59.5 PK	74.0	-14.5	3.01 H	188	37.7	21.8
4	11100.00	46.6 AV	54.0	-7.4	3.01 H	188	24.8	21.8
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	*5550.00	118.0 PK			1.18 V	128	76.4	41.6
2	*5550.00	105.1 AV			1.18 V	128	63.5	41.6
3	11100.00	60.0 PK	74.0	-14.0	2.26 V	188	38.2	21.8
4	11100.00	47.0 AV	54.0	-7.0	2.26 V	188	25.2	21.8

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.

RF Mode	802.11ax (HE40)	Channel	CH 134 : 5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Luis 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	*5670.00	112.9 PK			1.00 H	42	70.9	42.0
2	*5670.00	100.8 AV			1.00 H	42	58.8	42.0
3	#5725.00	59.4 PK	68.2	-8.8	1.00 H	42	47.6	11.8
4	11340.00	59.8 PK	74.0	-14.2	3.02 H	178	37.8	22.0
5	11340.00	46.8 AV	54.0	-7.2	3.02 H	178	24.8	22.0
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	*5670.00	116.7 PK			1.22 V	129	74.7	42.0
2	*5670.00	104.1 AV			1.22 V	129	62.1	42.0
3	#5725.00	63.5 PK	68.2	-4.7	1.22 V	129	51.7	11.8
4	11340.00	60.0 PK	74.0	-14.0	2.25 V	190	38.0	22.0
5	11340.00	47.0 AV	54.0	-7.0	2.25 V	190	25.0	22.0

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 142 : 5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Luis 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	#5470.00	58.4 PK	68.2	-9.8	1.09 H	42	47.1	11.3
2	*5710.00	112.8 PK			1.09 H	42	70.6	42.2
3	*5710.00	100.3 AV			1.09 H	42	58.1	42.2
4	#5850.00	59.5 PK	68.2	-8.7	1.09 H	42	47.5	12.0
5	11420.00	60.0 PK	74.0	-14.0	3.11 H	191	37.7	22.3
6	11420.00	47.2 AV	54.0	-6.8	3.11 H	191	24.9	22.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.8 PK	68.2	-9.4	1.11 V	131	47.5	11.3
2	*5710.00	116.5 PK			1.11 V	131	74.3	42.2
3	*5710.00	104.5 AV			1.11 V	131	62.3	42.2
4	#5850.00	59.8 PK	68.2	-8.4	1.11 V	131	47.8	12.0
5	11420.00	60.4 PK	74.0	-13.6	2.22 V	190	38.1	22.3
6	11420.00	47.4 AV	54.0	-6.6	2.22 V	190	25.1	22.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, 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 106 : 5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Luis 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	61.7 PK	74.0	-12.3	1.02 H	44	50.4	11.3
2	5460.00	49.2 AV	54.0	-4.8	1.02 H	44	37.9	11.3
3	#5470.00	64.9 PK	68.2	-3.3	1.02 H	44	53.6	11.3
4	*5530.00	110.4 PK			1.02 H	44	68.8	41.6
5	*5530.00	98.4 AV			1.02 H	44	56.8	41.6
6	11060.00	59.3 PK	74.0	-14.7	3.03 H	194	37.7	21.6
7	11060.00	46.2 AV	54.0	-7.8	3.03 H	194	24.6	21.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	64.3 PK	74.0	-9.7	1.15 V	129	53.0	11.3
2	5460.00	51.5 AV	54.0	-2.5	1.15 V	129	40.2	11.3
3	#5470.00	66.5 PK	68.2	-1.7	1.15 V	129	55.2	11.3
4	*5530.00	112.8 PK			1.15 V	129	71.2	41.6
5	*5530.00	101.2 AV			1.15 V	129	59.6	41.6
6	11060.00	59.6 PK	74.0	-14.4	2.25 V	189	38.0	21.6
7	11060.00	46.5 AV	54.0	-7.5	2.25 V	189	24.9	21.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, 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 122 : 5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Luis 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	*5610.00	110.5 PK			1.03 H	40	68.6	41.9
2	*5610.00	98.8 AV			1.03 H	40	56.9	41.9
3	#5725.00	59.5 PK	68.2	-8.7	1.03 H	40	47.7	11.8
4	11220.00	59.5 PK	74.0	-14.5	3.13 H	188	37.7	21.8
5	11220.00	46.3 AV	54.0	-7.7	3.13 H	188	24.5	21.8
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	*5610.00	113.7 PK			1.29 V	129	71.8	41.9
2	*5610.00	101.9 AV			1.29 V	129	60.0	41.9
3	#5725.00	59.8 PK	68.2	-8.4	1.29 V	129	48.0	11.8
4	11220.00	59.8 PK	74.0	-14.2	2.29 V	182	38.0	21.8
5	11220.00	46.6 AV	54.0	-7.4	2.29 V	182	24.8	21.8

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 (HE80)	Channel	CH 138 : 5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Luis 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	#5470.00	58.1 PK	68.2	-10.1	1.03 H	41	46.8	11.3
2	*5690.00	109.7 PK			1.03 H	41	67.5	42.2
3	*5690.00	97.4 AV			1.03 H	41	55.2	42.2
4	#5850.00	59.3 PK	68.2	-8.9	1.03 H	41	47.3	12.0
5	11380.00	59.9 PK	74.0	-14.1	3.18 H	199	37.7	22.2
6	11380.00	46.8 AV	54.0	-7.2	3.18 H	199	24.6	22.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5470.00	58.3 PK	68.2	-9.9	1.11 V	130	47.0	11.3
2	*5690.00	112.8 PK			1.11 V	130	70.6	42.2
3	*5690.00	100.8 AV			1.11 V	130	58.6	42.2
4	#5850.00	59.5 PK	68.2	-8.7	1.11 V	130	47.5	12.0
5	11380.00	60.3 PK	74.0	-13.7	2.27 V	190	38.1	22.2
6	11380.00	47.2 AV	54.0	-6.8	2.27 V	190	25.0	22.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, 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=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Luis 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	#5615.20	61.1 PK	68.2	-7.1	1.00 H	41	49.6	11.5
2	*5745.00	114.5 PK			1.00 H	41	72.2	42.3
3	*5745.00	104.6 AV			1.00 H	41	62.3	42.3
4	#5986.40	62.0 PK	68.2	-6.2	1.00 H	41	49.8	12.2
5	11490.00	60.5 PK	74.0	-13.5	3.02 H	188	38.1	22.4
6	11490.00	47.6 AV	54.0	-6.4	3.02 H	188	25.2	22.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5635.20	58.5 PK	68.2	-9.7	1.09 V	295	46.9	11.6
2	*5745.00	119.6 PK			1.09 V	295	77.3	42.3
3	*5745.00	109.0 AV			1.09 V	295	66.7	42.3
4	#5938.40	58.9 PK	68.2	-9.3	1.09 V	295	46.6	12.3
5	11490.00	60.9 PK	74.0	-13.1	2.22 V	190	38.5	22.4
6	11490.00	47.9 AV	54.0	-6.1	2.22 V	190	25.5	22.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, 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=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Luis 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	#5612.40	60.5 PK	68.2	-7.7	1.00 H	45	49.0	11.5
2	*5785.00	115.3 PK			1.00 H	45	72.8	42.5
3	*5785.00	104.9 AV			1.00 H	45	62.4	42.5
4	#5959.60	61.5 PK	68.2	-6.7	1.00 H	45	49.3	12.2
5	11570.00	60.0 PK	74.0	-14.0	3.11 H	177	38.0	22.0
6	11570.00	46.9 AV	54.0	-7.1	3.11 H	177	24.9	22.0
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	#5620.80	59.9 PK	68.2	-8.3	1.06 V	296	48.4	11.5
2	*5785.00	119.9 PK			1.06 V	296	77.4	42.5
3	*5785.00	109.5 AV			1.06 V	296	67.0	42.5
4	#5983.60	60.2 PK	68.2	-8.0	1.06 V	296	48.0	12.2
5	11570.00	60.4 PK	74.0	-13.6	2.23 V	192	38.4	22.0
6	11570.00	47.4 AV	54.0	-6.6	2.23 V	192	25.4	22.0

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	802.11a	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=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Luis 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	#5603.20	61.2 PK	68.2	-7.0	1.00 H	46	49.8	11.4
2	*5825.00	112.9 PK			1.00 H	46	70.3	42.6
3	*5825.00	102.4 AV			1.00 H	46	59.8	42.6
4	#5983.20	61.0 PK	68.2	-7.2	1.00 H	46	48.8	12.2
5	11650.00	59.7 PK	74.0	-14.3	3.06 H	185	38.2	21.5
6	11650.00	46.4 AV	54.0	-7.6	3.06 H	185	24.9	21.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5646.40	60.3 PK	68.2	-7.9	1.03 V	297	48.7	11.6
2	*5825.00	119.1 PK			1.03 V	297	76.5	42.6
3	*5825.00	109.2 AV			1.03 V	297	66.6	42.6
4	#5989.60	60.4 PK	68.2	-7.8	1.03 V	297	48.2	12.2
5	11650.00	60.1 PK	74.0	-13.9	2.23 V	192	38.6	21.5
6	11650.00	46.9 AV	54.0	-7.1	2.23 V	192	25.4	21.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, 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, 66% RH
Tested By	Luis 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	#5621.20	61.0 PK	68.2	-7.2	1.03 H	42	49.5	11.5
2	*5745.00	116.4 PK			1.03 H	42	74.1	42.3
3	*5745.00	104.4 AV			1.03 H	42	62.1	42.3
4	#5946.00	61.2 PK	68.2	-7.0	1.03 H	42	48.8	12.4
5	11490.00	60.6 PK	74.0	-13.4	3.11 H	187	38.2	22.4
6	11490.00	47.4 AV	54.0	-6.6	3.11 H	187	25.0	22.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5643.60	60.2 PK	68.2	-8.0	1.06 V	296	48.6	11.6
2	*5745.00	123.6 PK			1.06 V	296	81.3	42.3
3	*5745.00	110.2 AV			1.06 V	296	67.9	42.3
4	#5960.00	60.2 PK	68.2	-8.0	1.06 V	296	48.0	12.2
5	11490.00	60.9 PK	74.0	-13.1	2.25 V	192	38.5	22.4
6	11490.00	47.7 AV	54.0	-6.3	2.25 V	192	25.3	22.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, 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, 66% RH
Tested By	Luis 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	#5611.60	60.4 PK	68.2	-7.8	1.00 H	42	48.9	11.5
2	*5785.00	115.0 PK			1.00 H	42	72.5	42.5
3	*5785.00	102.9 AV			1.00 H	42	60.4	42.5
4	#5991.20	61.9 PK	68.2	-6.3	1.00 H	42	49.7	12.2
5	11570.00	60.1 PK	74.0	-13.9	3.00 H	190	38.1	22.0
6	11570.00	47.0 AV	54.0	-7.0	3.00 H	190	25.0	22.0
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	#5603.60	60.4 PK	68.2	-7.8	1.02 V	296	49.0	11.4
2	*5785.00	122.5 PK			1.02 V	296	80.0	42.5
3	*5785.00	109.9 AV			1.02 V	296	67.4	42.5
4	#5983.60	61.1 PK	68.2	-7.1	1.02 V	296	48.9	12.2
5	11570.00	60.6 PK	74.0	-13.4	2.22 V	195	38.6	22.0
6	11570.00	47.4 AV	54.0	-6.6	2.22 V	195	25.4	22.0

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 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, 66% RH
Tested By	Luis 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	#5642.80	60.3 PK	68.2	-7.9	1.04 H	58	48.7	11.6
2	*5825.00	115.7 PK			1.04 H	58	73.1	42.6
3	*5825.00	103.3 AV			1.04 H	58	60.7	42.6
4	#5979.20	61.5 PK	68.2	-6.7	1.04 H	58	49.3	12.2
5	11650.00	59.4 PK	74.0	-14.6	3.15 H	193	37.9	21.5
6	11650.00	46.3 AV	54.0	-7.7	3.15 H	193	24.8	21.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5628.80	60.3 PK	68.2	-7.9	1.03 V	296	48.8	11.5
2	*5825.00	122.2 PK			1.03 V	296	79.6	42.6
3	*5825.00	109.8 AV			1.03 V	296	67.2	42.6
4	#5951.20	60.3 PK	68.2	-7.9	1.03 V	296	48.0	12.3
5	11650.00	59.9 PK	74.0	-14.1	2.22 V	188	38.4	21.5
6	11650.00	46.7 AV	54.0	-7.3	2.22 V	188	25.2	21.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, 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=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Luis 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	#5648.00	60.6 PK	68.2	-7.6	1.02 H	42	49.0	11.6
2	*5755.00	115.6 PK			1.02 H	42	73.2	42.4
3	*5755.00	103.1 AV			1.02 H	42	60.7	42.4
4	#5948.00	61.3 PK	68.2	-6.9	1.02 H	42	48.9	12.4
5	11510.00	60.0 PK	74.0	-14.0	3.03 H	192	37.7	22.3
6	11510.00	46.9 AV	54.0	-7.1	3.03 H	192	24.6	22.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5603.20	60.1 PK	68.2	-8.1	1.00 V	296	48.7	11.4
2	*5755.00	120.4 PK			1.00 V	296	78.0	42.4
3	*5755.00	108.6 AV			1.00 V	296	66.2	42.4
4	#5992.80	61.3 PK	68.2	-6.9	1.00 V	296	49.1	12.2
5	11510.00	60.5 PK	74.0	-13.5	2.22 V	195	38.2	22.3
6	11510.00	47.3 AV	54.0	-6.7	2.22 V	195	25.0	22.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, 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=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Luis 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	#5636.00	61.1 PK	68.2	-7.1	1.09 H	59	49.5	11.6
2	*5795.00	114.3 PK			1.09 H	59	71.7	42.6
3	*5795.00	102.1 AV			1.09 H	59	59.5	42.6
4	#5929.20	61.3 PK	68.2	-6.9	1.09 H	59	49.0	12.3
5	11590.00	59.8 PK	74.0	-14.2	3.18 H	187	38.0	21.8
6	11590.00	46.7 AV	54.0	-7.3	3.18 H	187	24.9	21.8
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	#5621.20	61.1 PK	68.2	-7.1	1.01 V	296	49.6	11.5
2	*5795.00	120.2 PK			1.01 V	296	77.6	42.6
3	*5795.00	108.0 AV			1.01 V	296	65.4	42.6
4	#5952.40	61.5 PK	68.2	-6.7	1.01 V	296	49.2	12.3
5	11590.00	60.1 PK	74.0	-13.9	2.25 V	189	38.3	21.8
6	11590.00	46.9 AV	54.0	-7.1	2.25 V	189	25.1	21.8

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 (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=3 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Luis Lee		

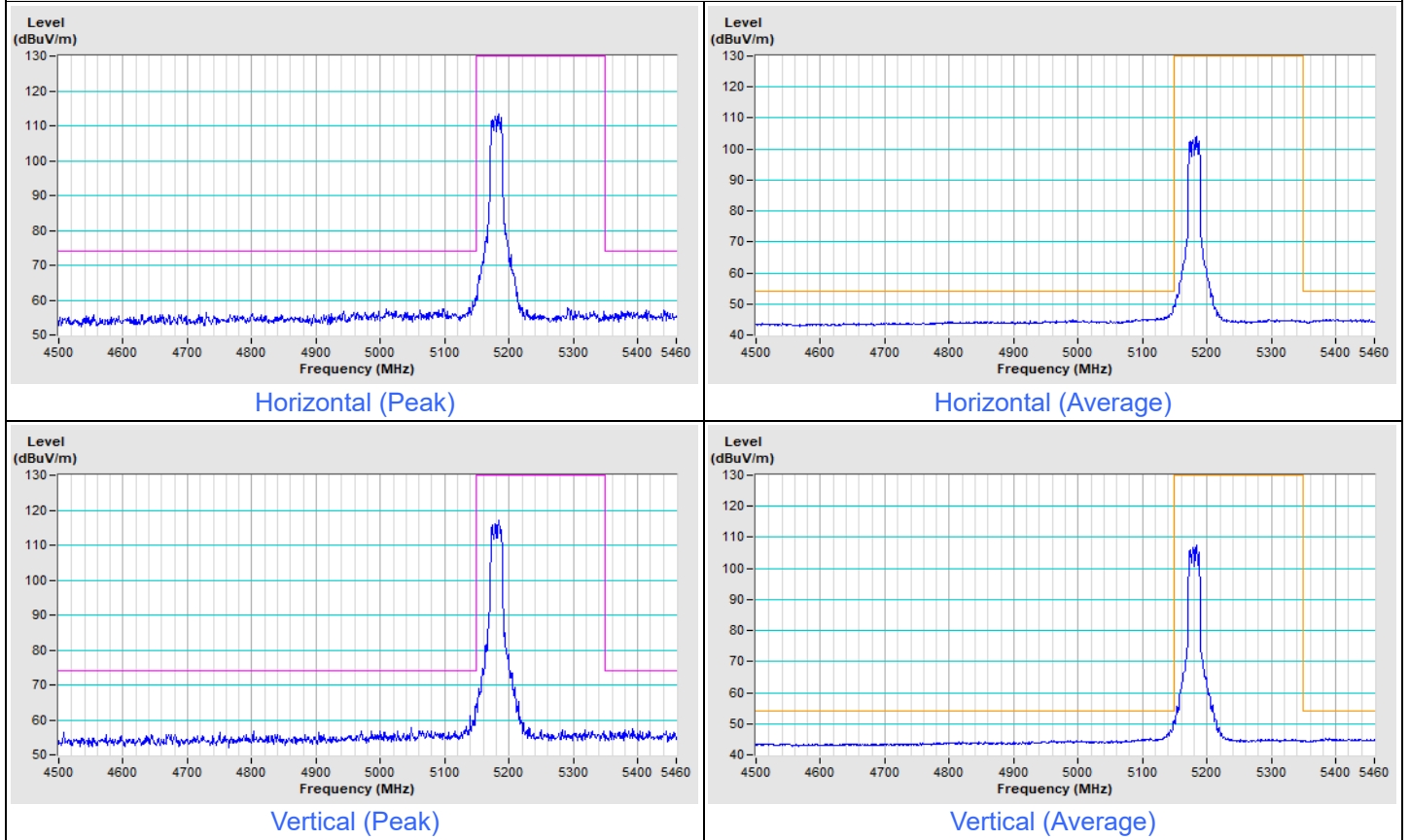
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5642.80	62.0 PK	68.2	-6.2	1.10 H	59	50.4	11.6
2	*5775.00	110.1 PK			1.10 H	59	67.6	42.5
3	*5775.00	98.7 AV			1.10 H	59	56.2	42.5
4	#5944.40	60.8 PK	68.2	-7.4	1.10 H	59	48.4	12.4
5	11550.00	59.8 PK	74.0	-14.2	3.11 H	188	37.7	22.1
6	11550.00	46.7 AV	54.0	-7.3	3.11 H	188	24.6	22.1
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	#5646.80	67.0 PK	68.2	-1.2	1.00 V	296	55.4	11.6
2	*5775.00	117.2 PK			1.00 V	296	74.7	42.5
3	*5775.00	105.2 AV			1.00 V	296	62.7	42.5
4	#5931.60	62.1 PK	68.2	-6.1	1.00 V	296	49.8	12.3
5	11550.00	60.1 PK	74.0	-13.9	2.26 V	190	38.0	22.1
6	11550.00	47.0 AV	54.0	-7.0	2.26 V	190	24.9	22.1

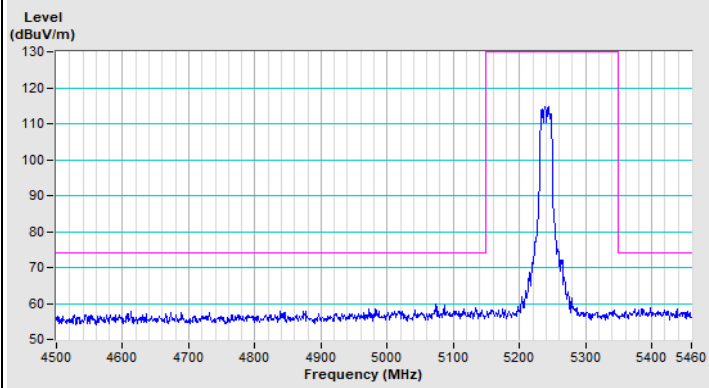
Remarks:

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.

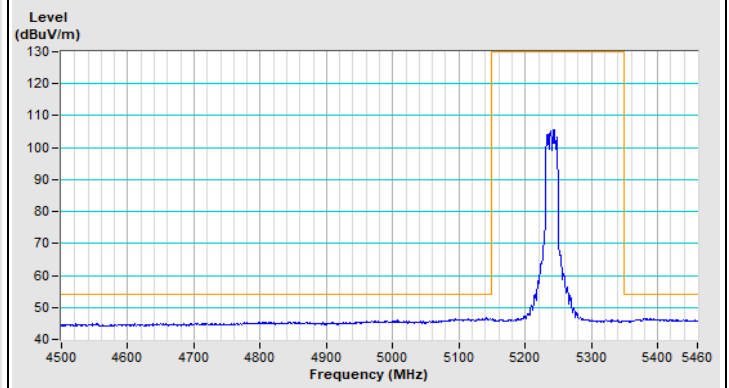
Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
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802.11a Channel 36

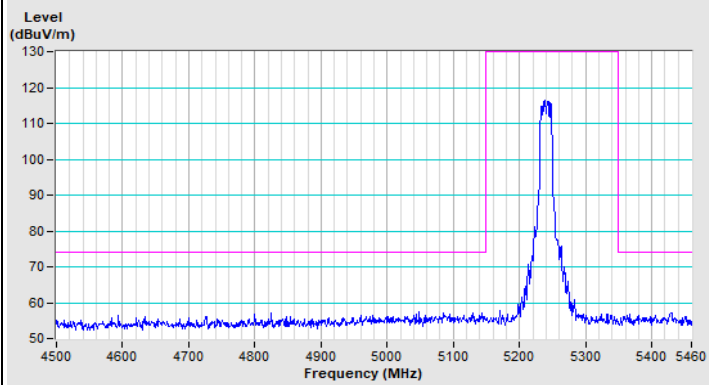


802.11a Channel 48

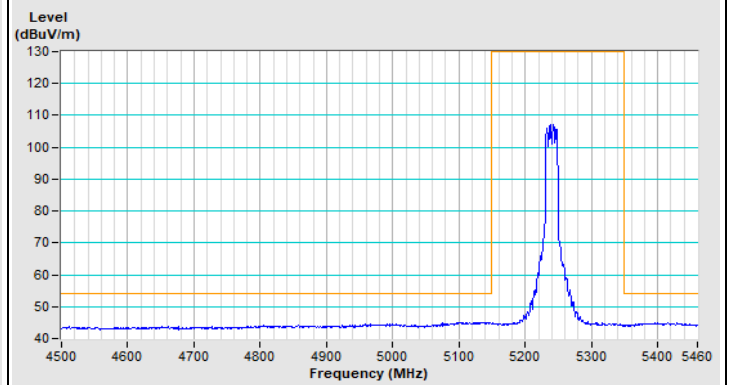
Horizontal (Peak)



Horizontal (Average)



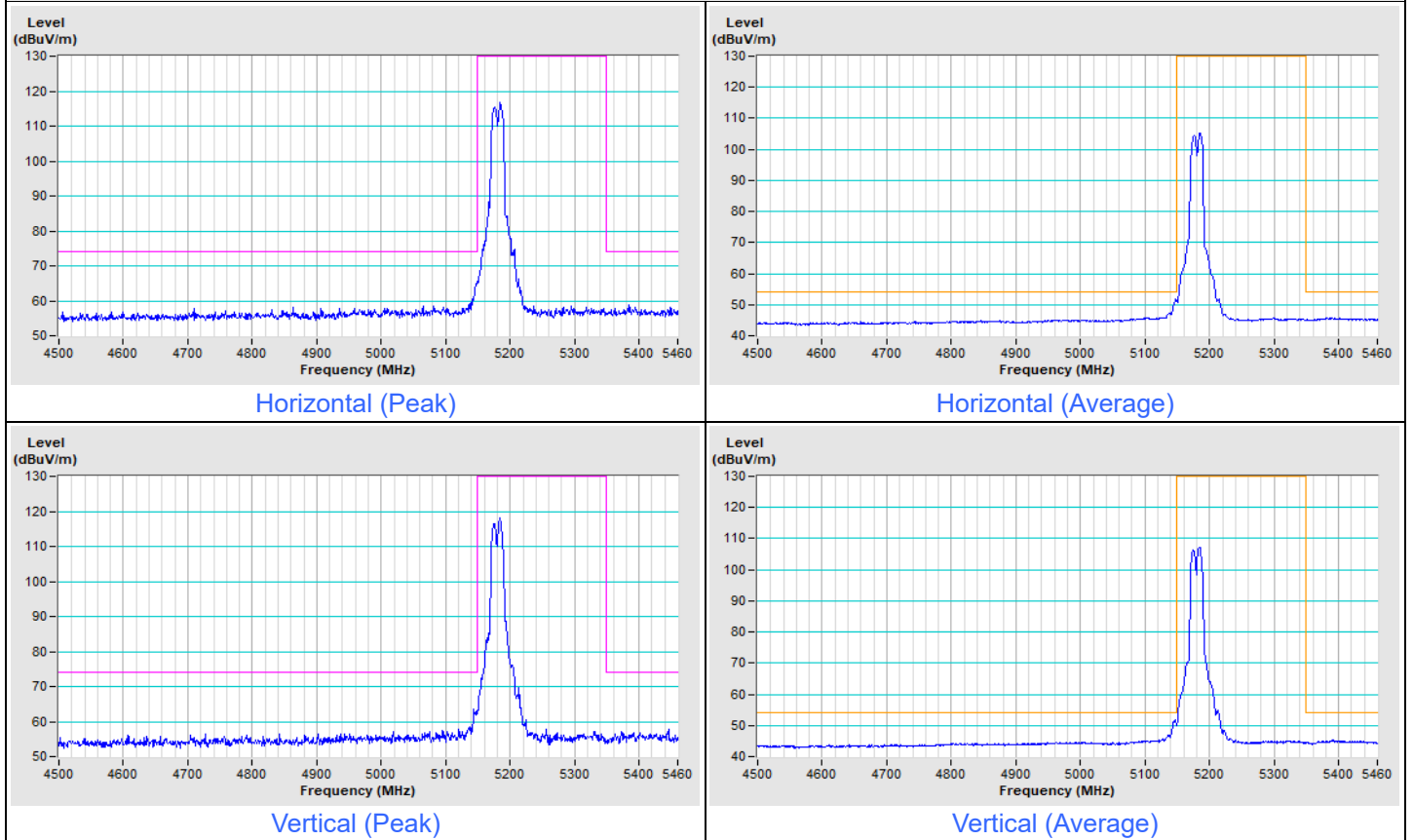
Vertical (Peak)



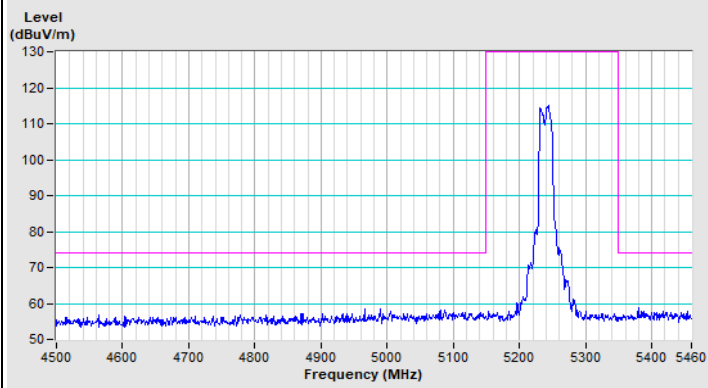
Vertical (Average)

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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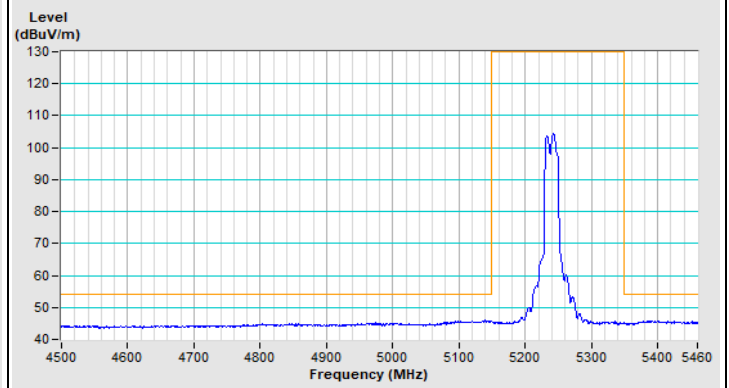
802.11ax (HE20) Channel 36



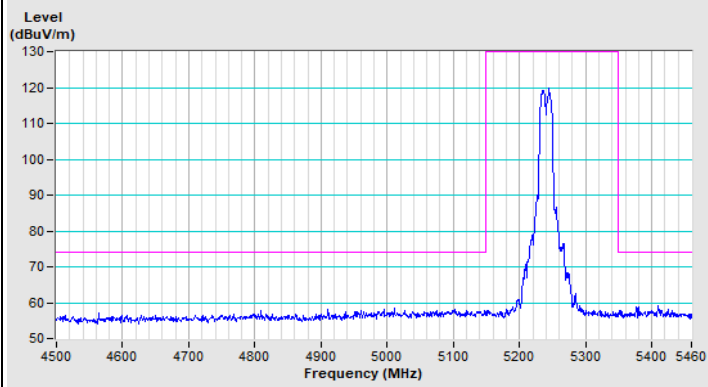
802.11ax (HE20) Channel 48



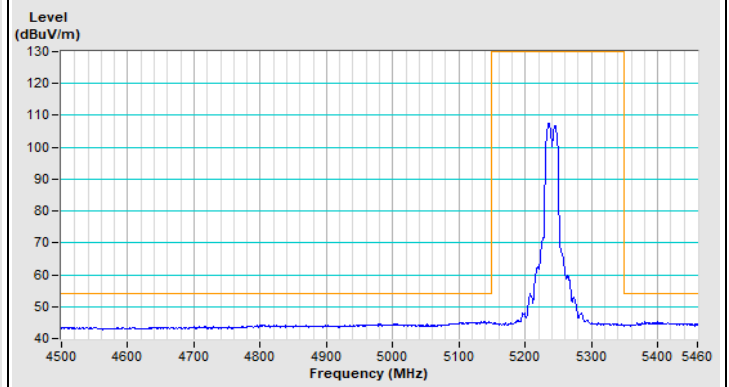
Horizontal (Peak)



Horizontal (Average)



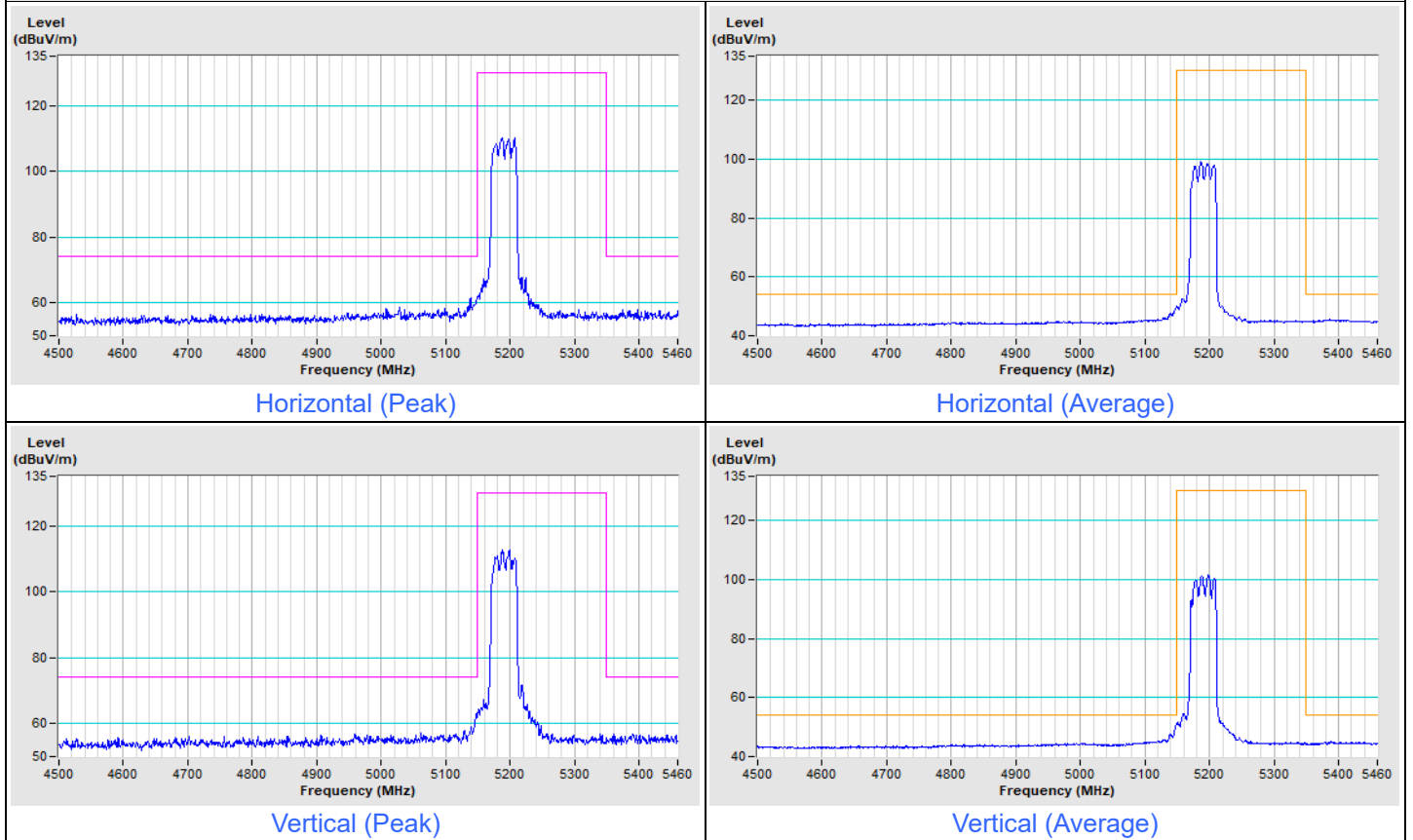
Vertical (Peak)



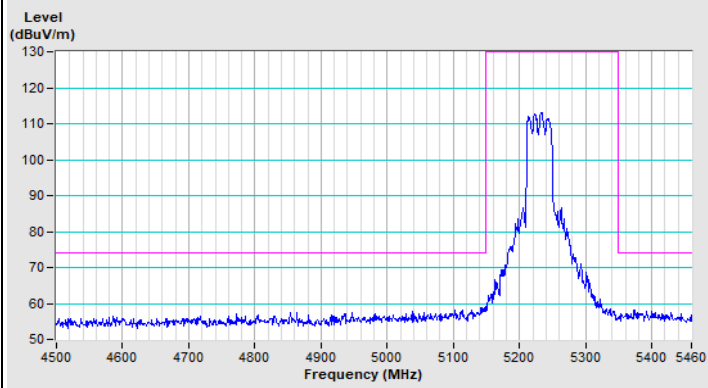
Vertical (Average)

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=2 kHz, DET=Peak
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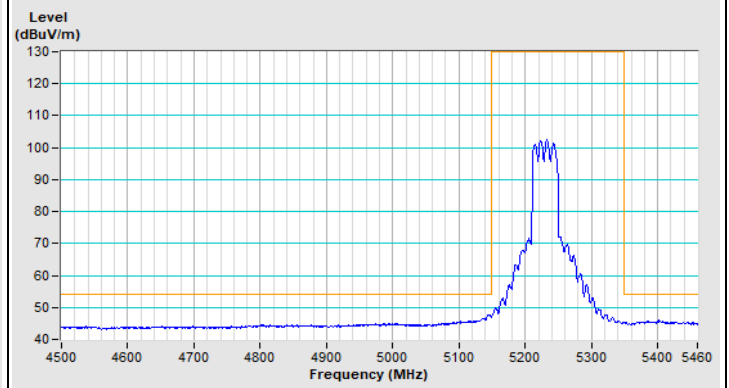
802.11ax (HE40) Channel 38



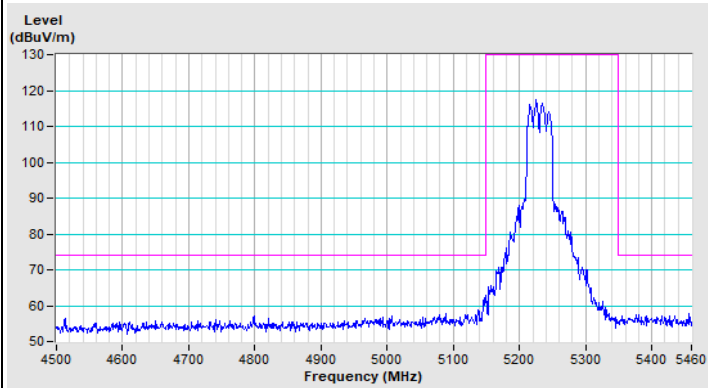
802.11ax (HE40) Channel 46



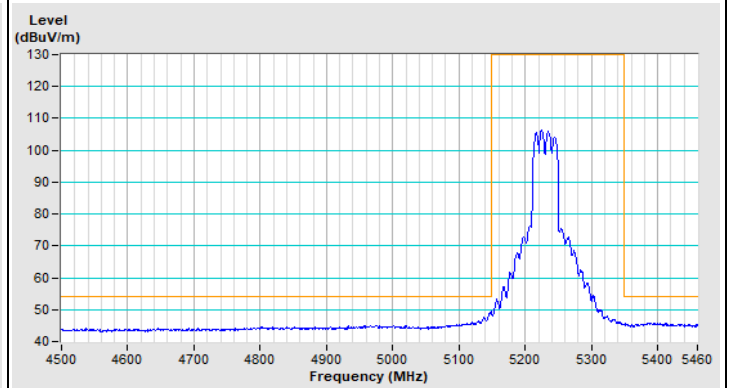
Horizontal (Peak)



Horizontal (Average)



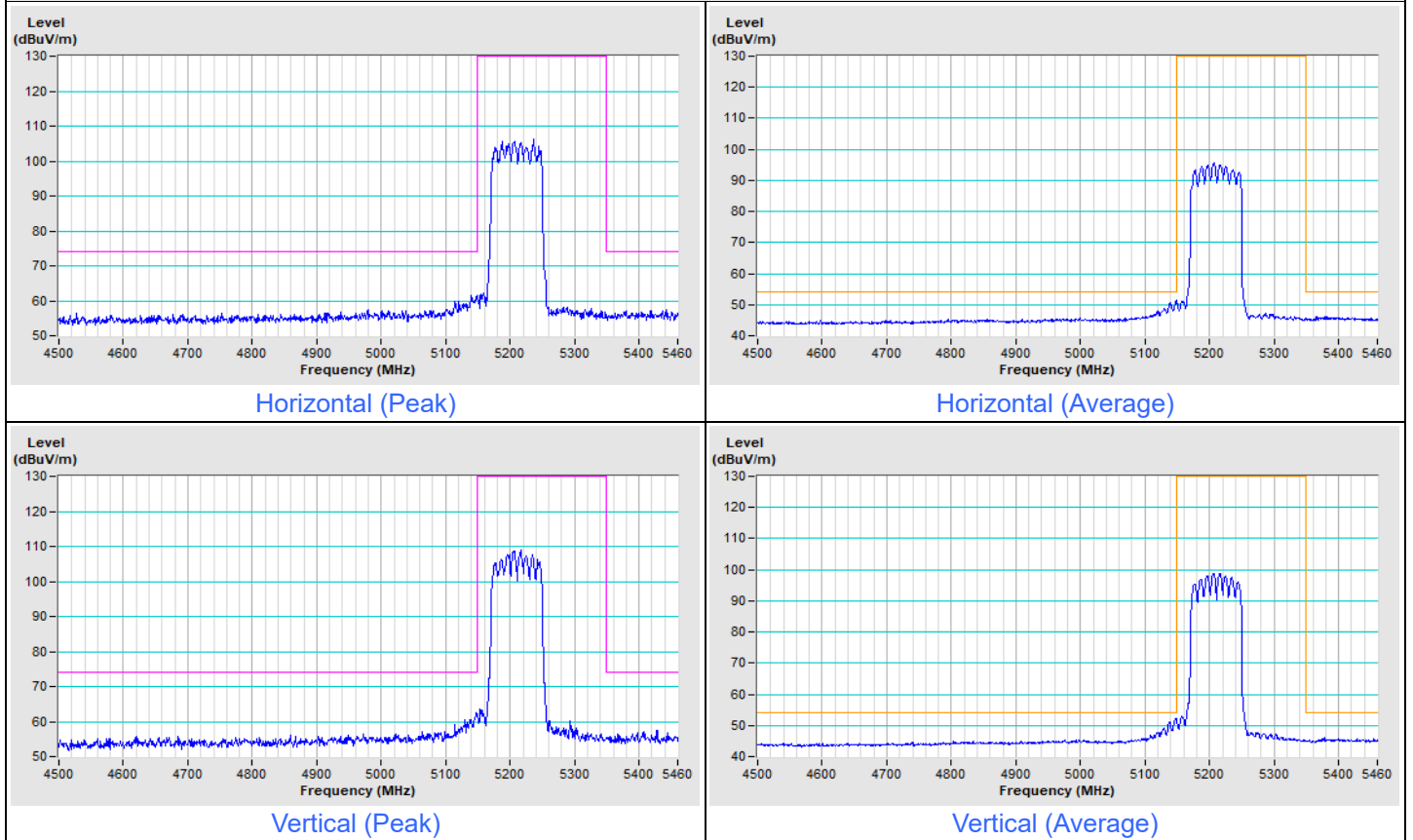
Vertical (Peak)



Vertical (Average)

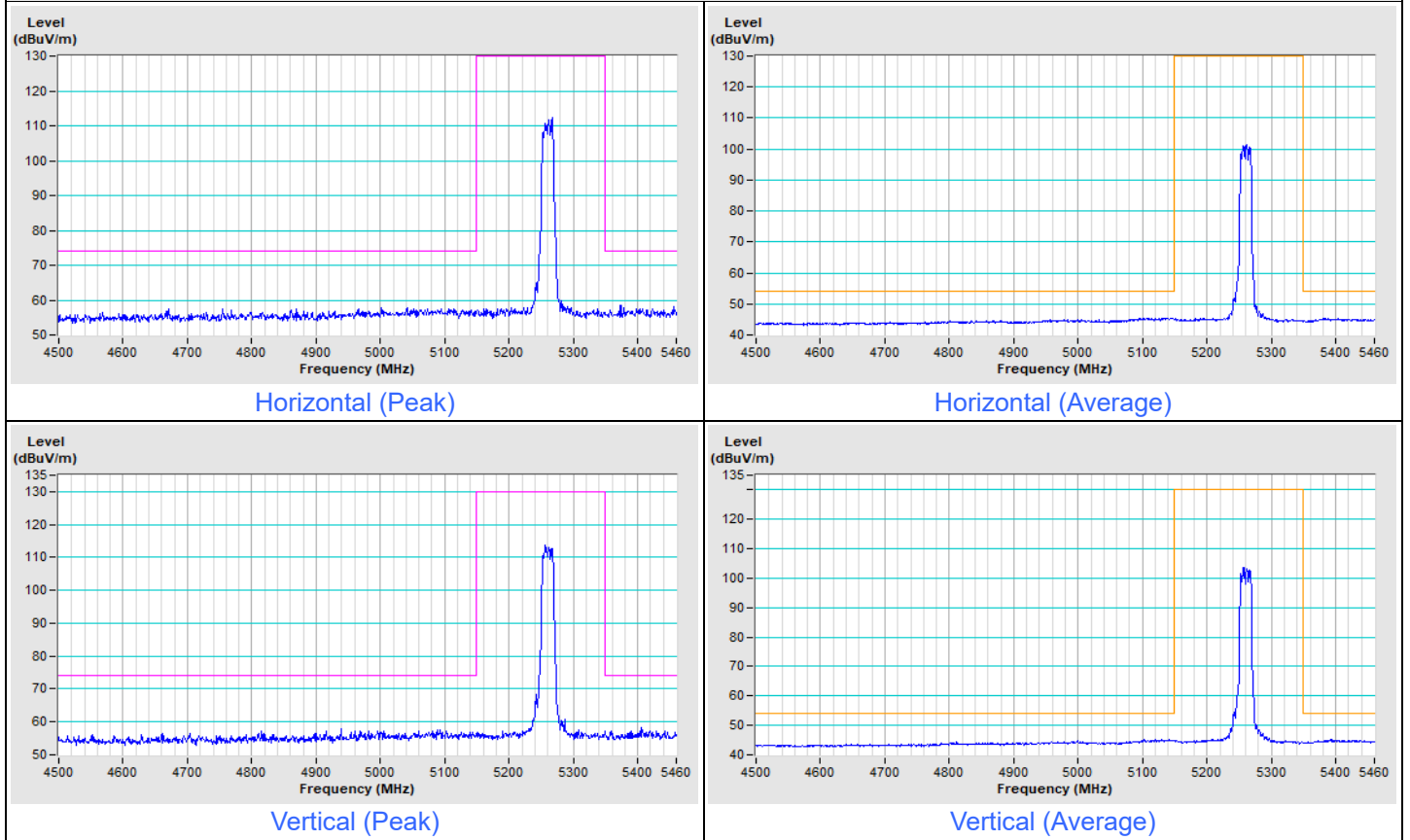
Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
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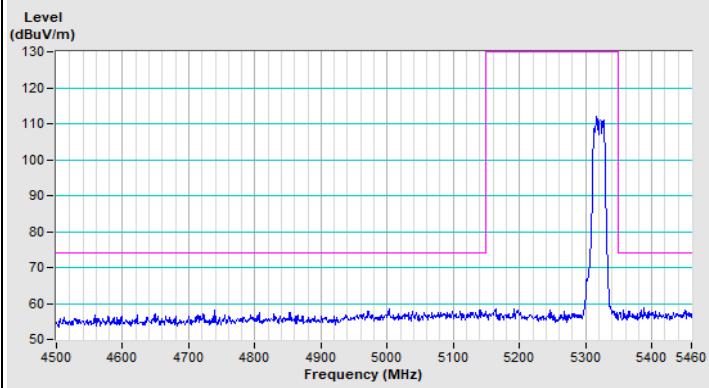
802.11ax (HE80) Channel 42



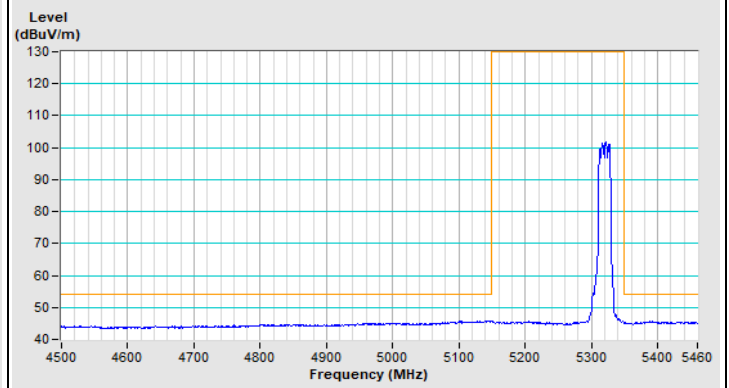
Frequency Range	4.5 GHz ~ 5.46 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
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802.11a Channel 52

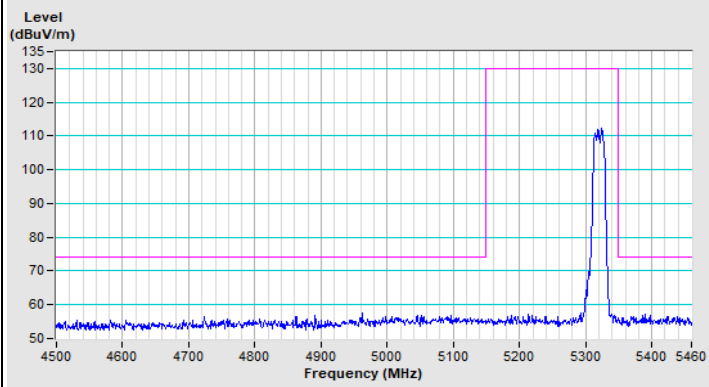


802.11a Channel 64

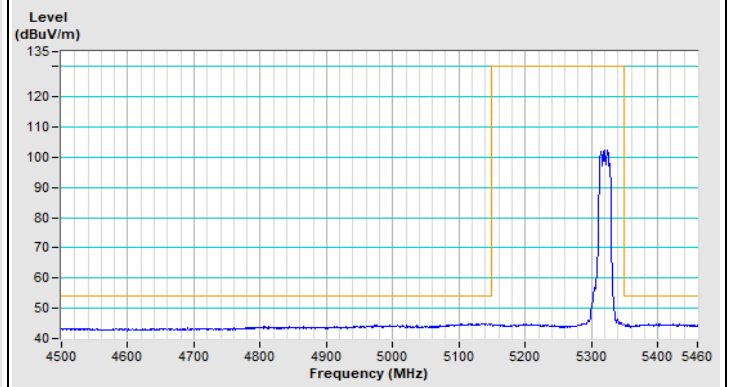
Horizontal (Peak)



Horizontal (Average)



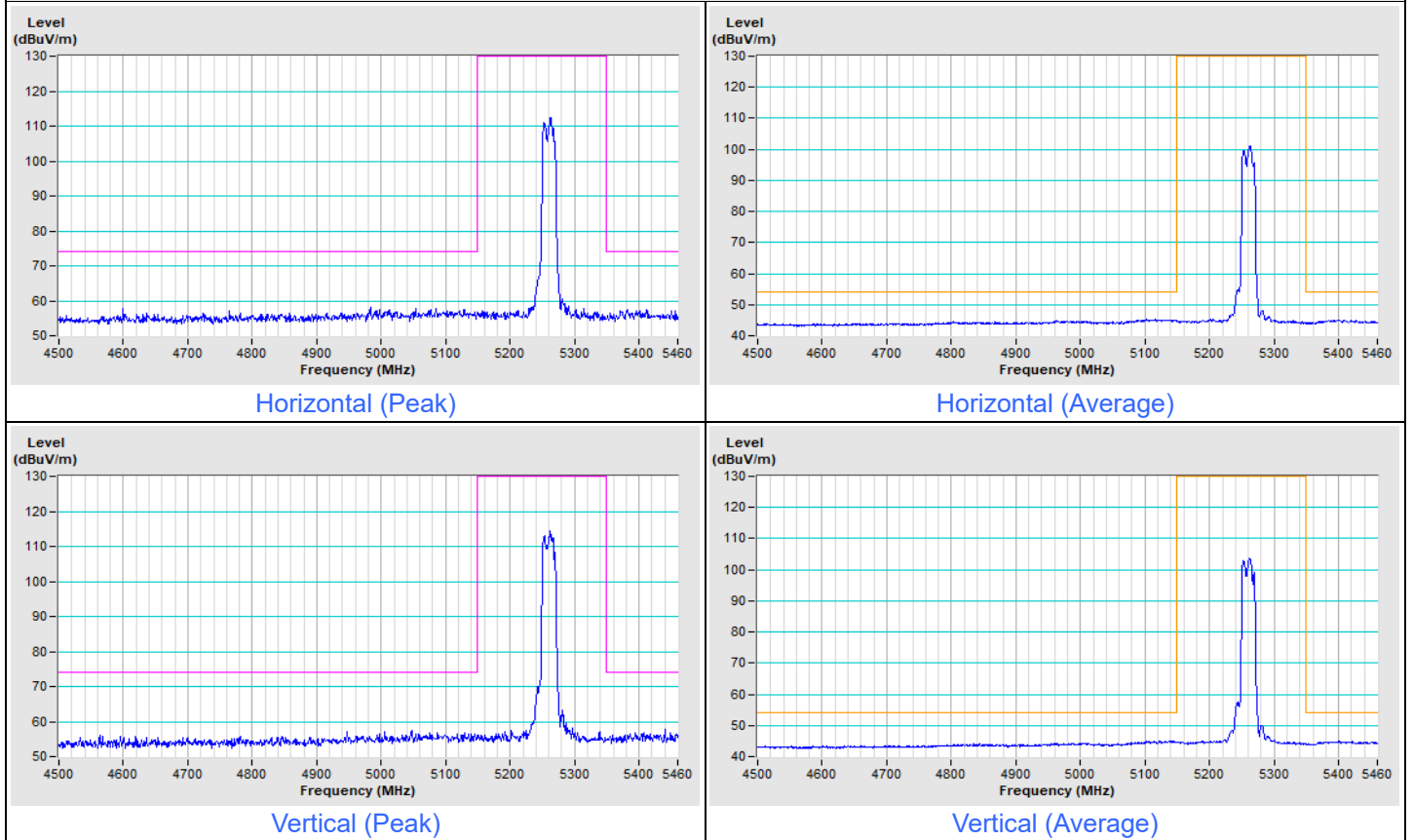
Vertical (Peak)



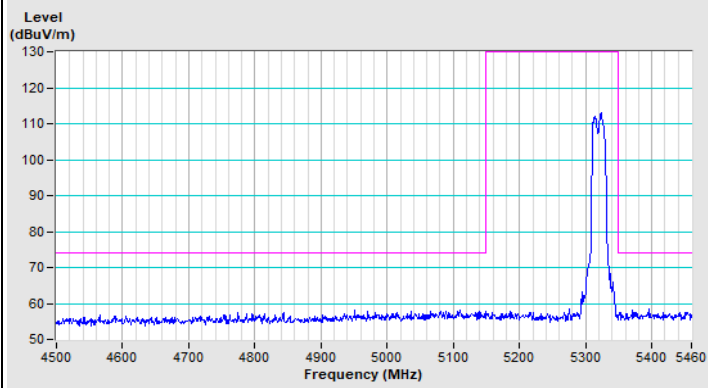
Vertical (Average)

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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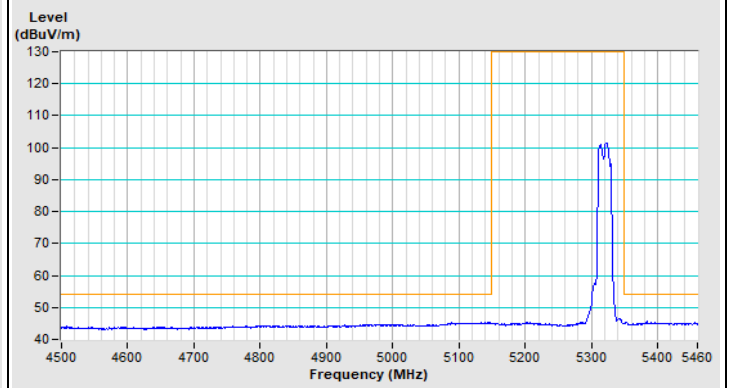
802.11ax (HE20) Channel 52



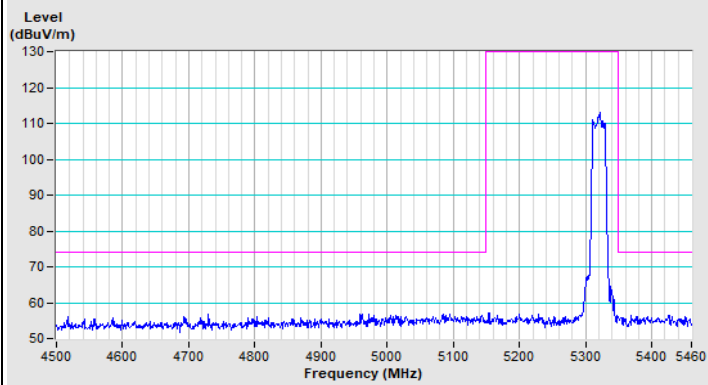
802.11ax (HE20) Channel 64



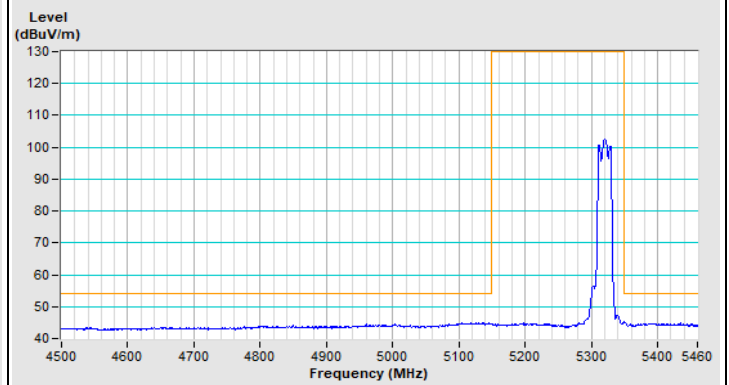
Horizontal (Peak)



Horizontal (Average)



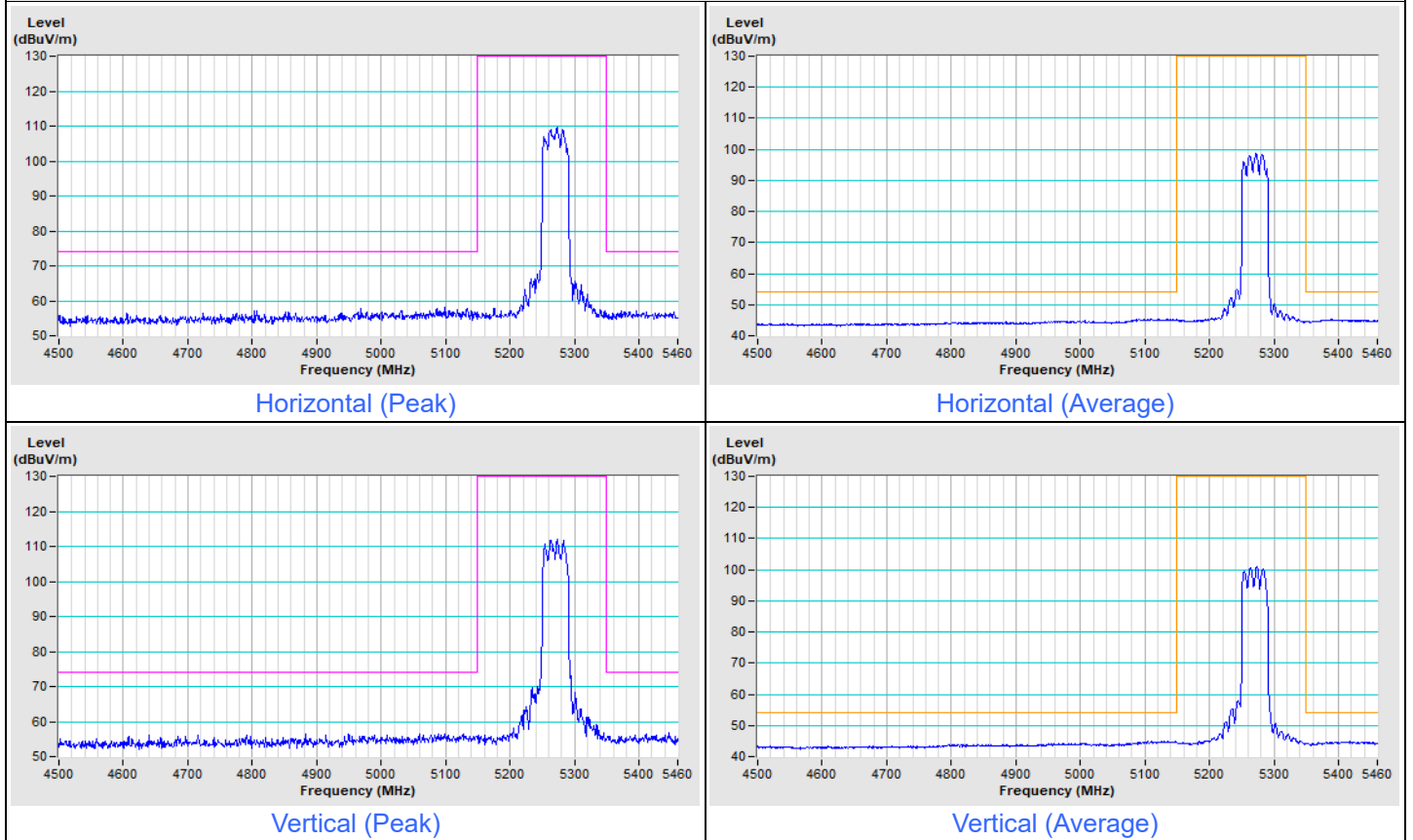
Vertical (Peak)



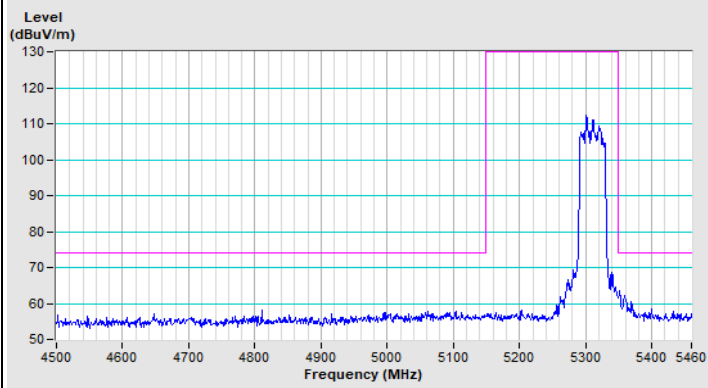
Vertical (Average)

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=2 kHz, DET=Peak
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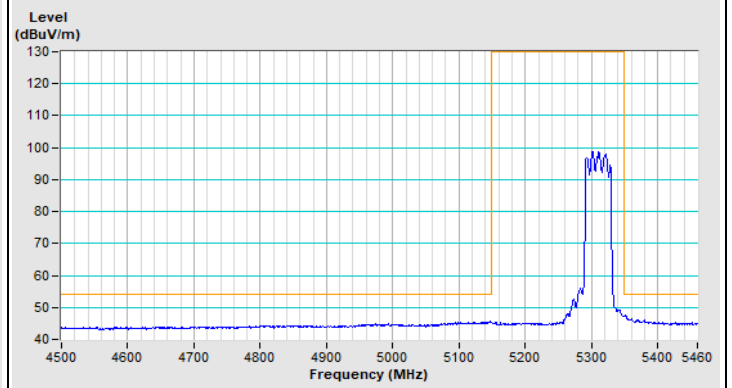
802.11ax (HE40) Channel 54



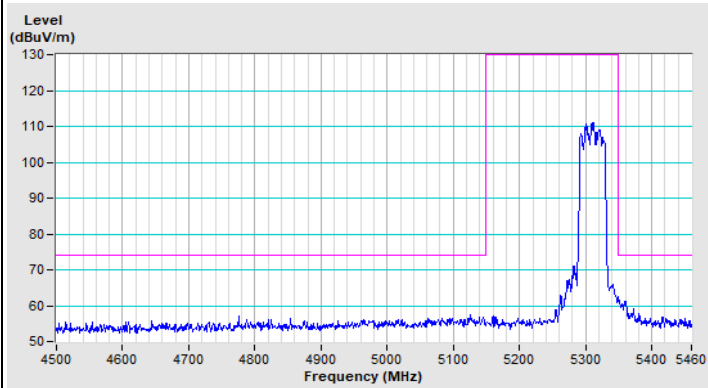
802.11ax (HE40) Channel 62



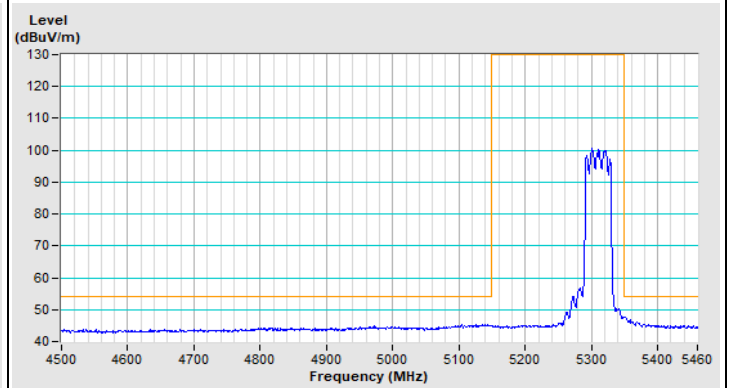
Horizontal (Peak)



Horizontal (Average)



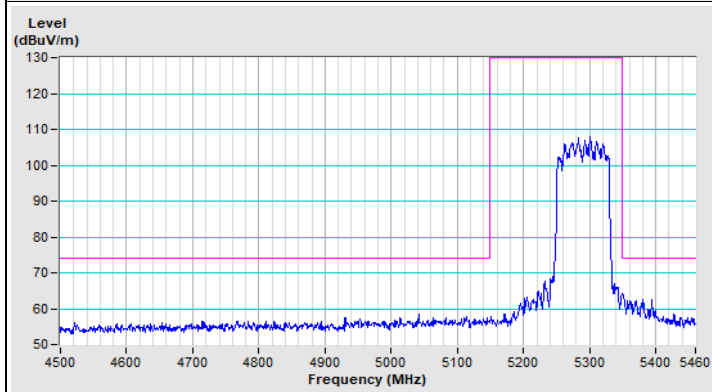
Vertical (Peak)



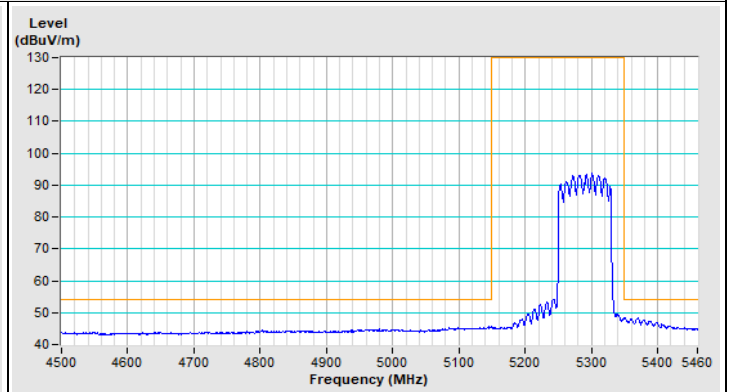
Vertical (Average)

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=3 kHz, DET=Peak
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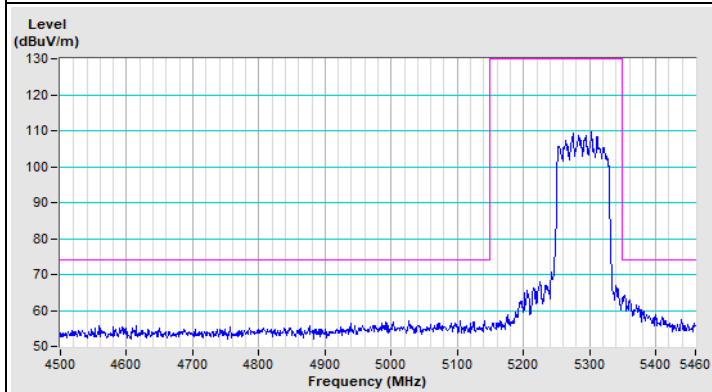
802.11ax (HE80) Channel 58



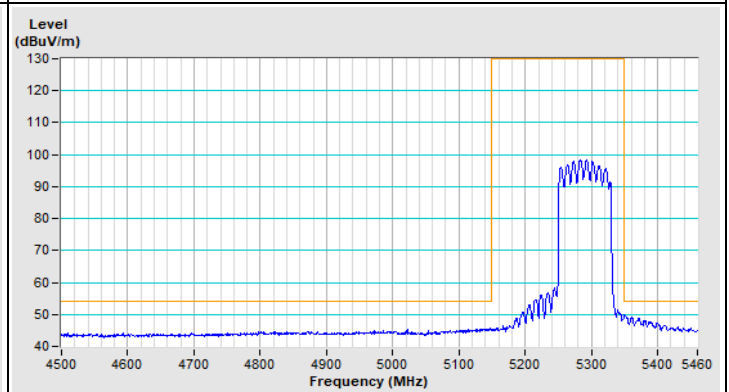
Horizontal (Peak)



Horizontal (Average)



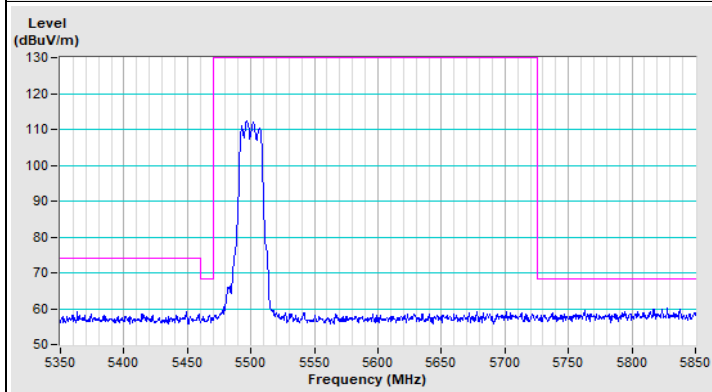
Vertical (Peak)



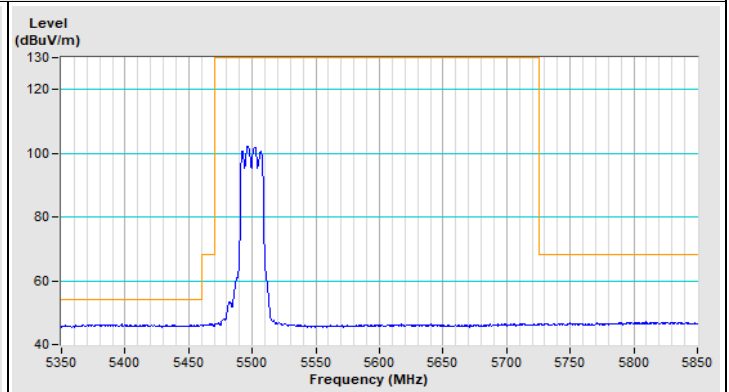
Vertical (Average)

Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
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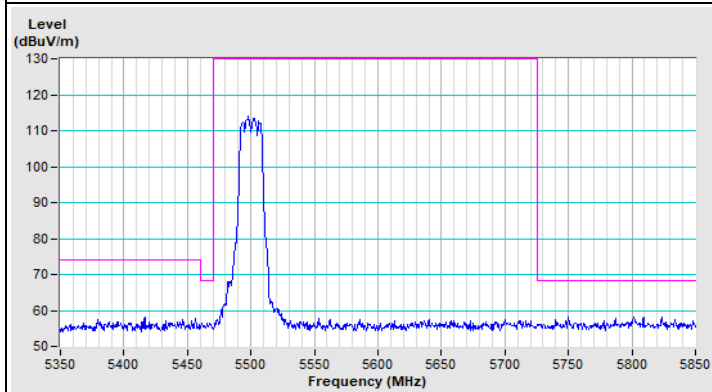
802.11a Channel 100



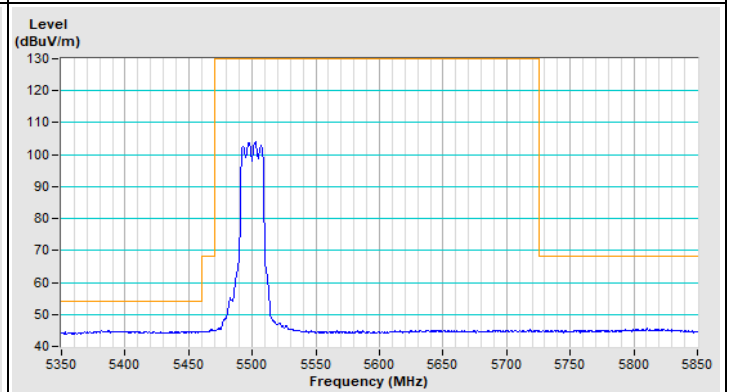
Horizontal (Peak)



Horizontal (Average)

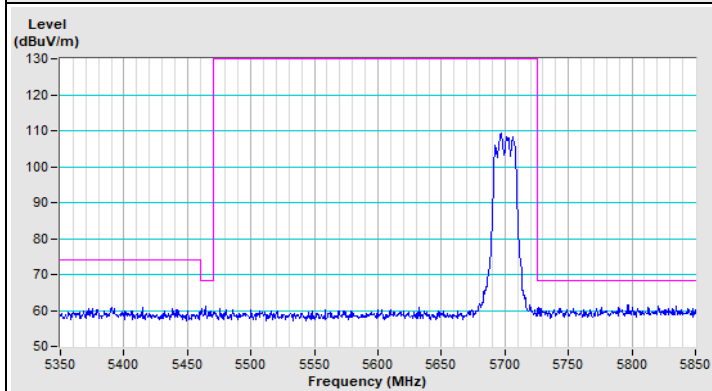


Vertical (Peak)

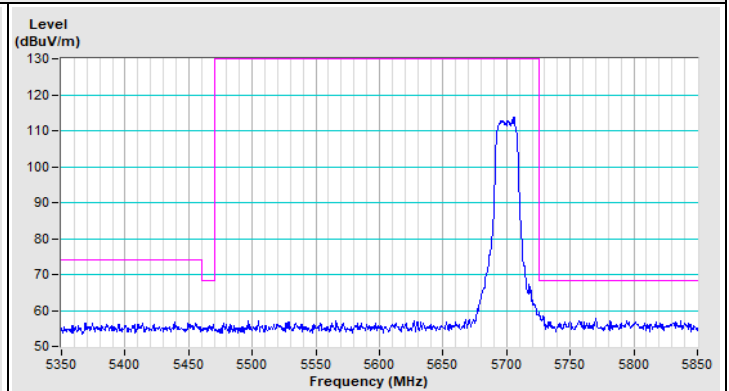


Vertical (Average)

802.11a Channel 140



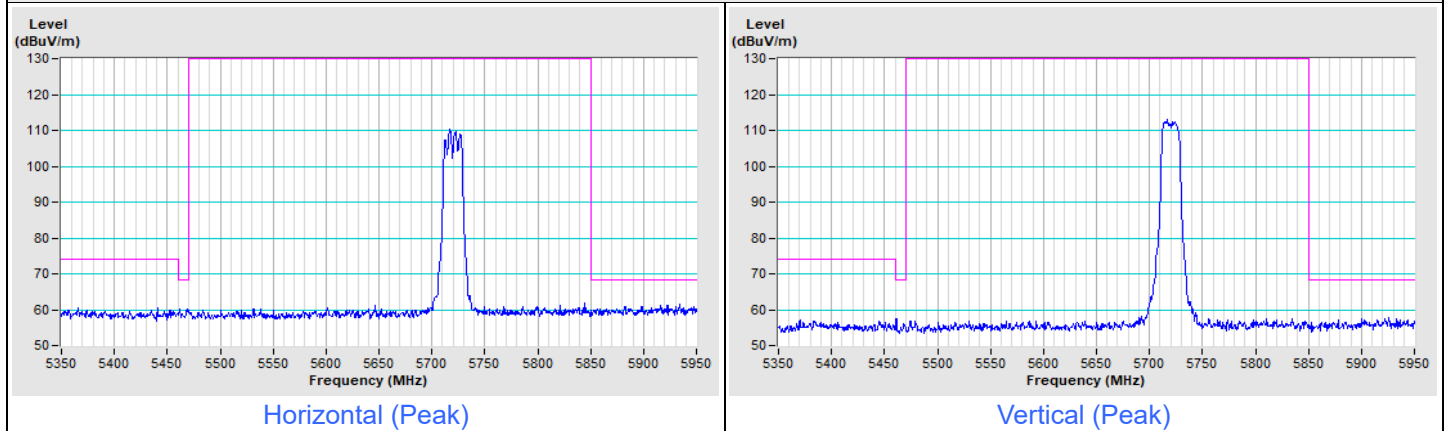
Horizontal (Peak)



Vertical (Peak)

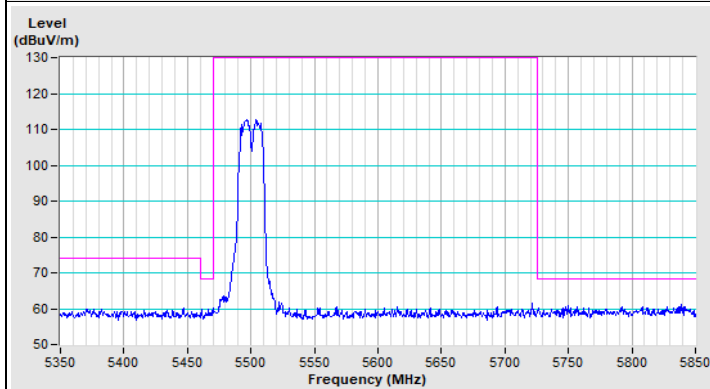
Frequency Range	5.35 GHz ~ 5.95 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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802.11a Channel 144

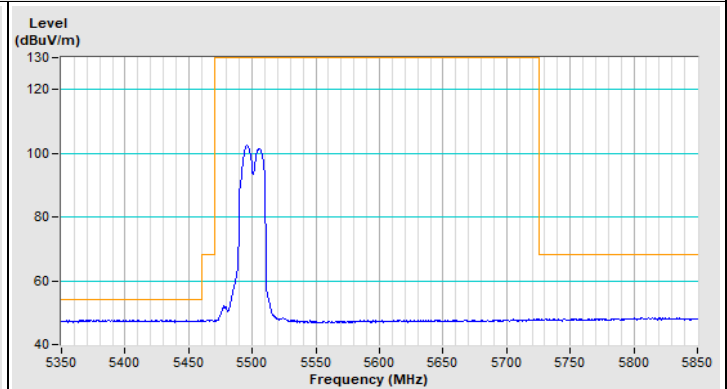


Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
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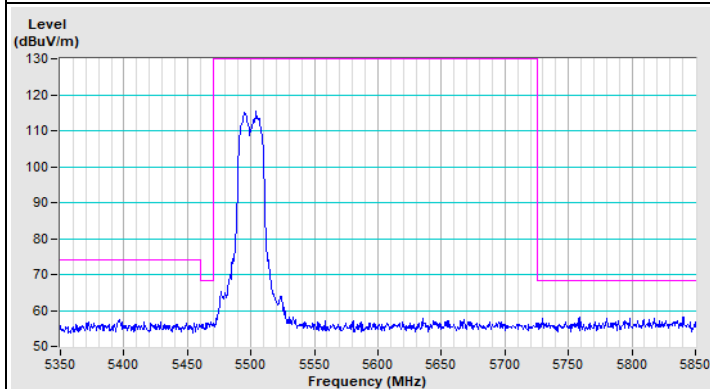
802.11ax (HE20) Channel 100



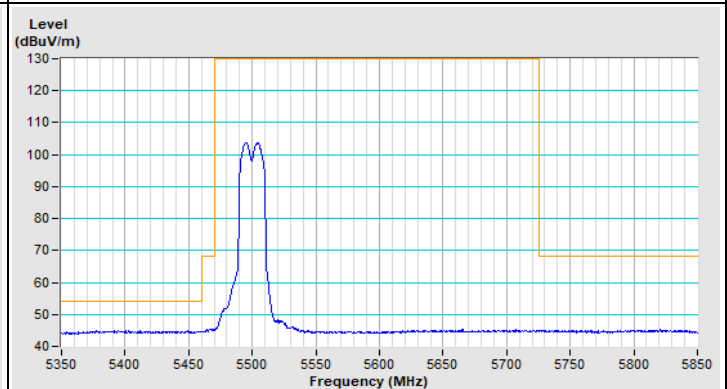
Horizontal (Peak)



Horizontal (Average)

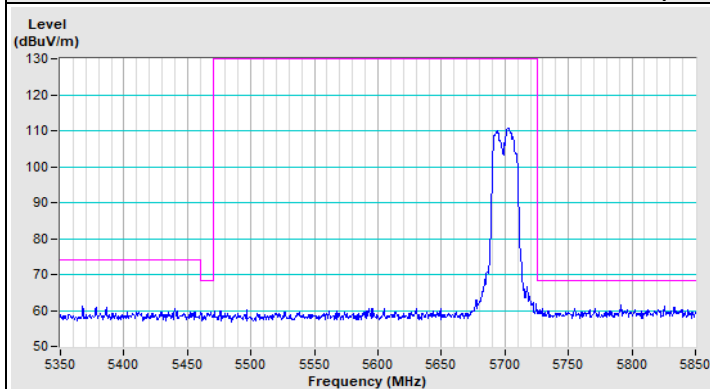


Vertical (Peak)

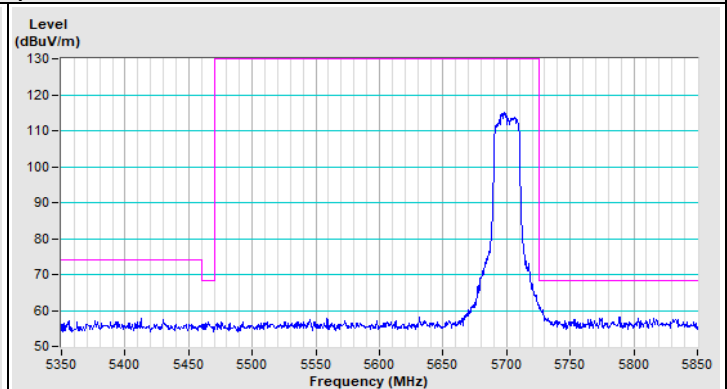


Vertical (Average)

802.11ax (HE20) Channel 140

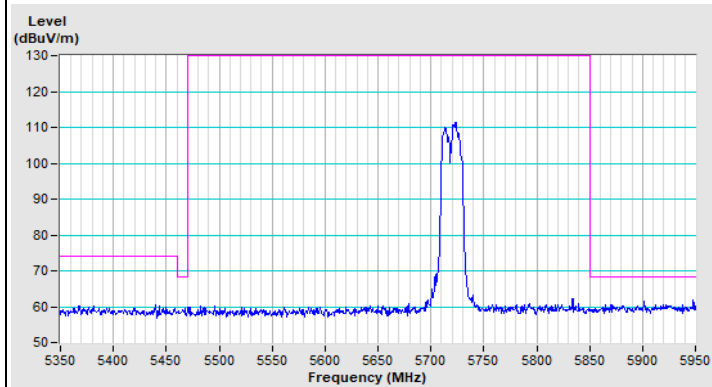


Horizontal (Peak)

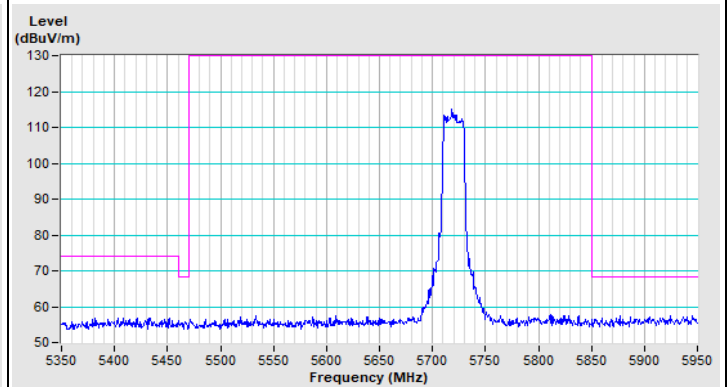


Vertical (Peak)

Frequency Range	5.35 GHz ~ 5.95 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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802.11ax (HE20) Channel 144

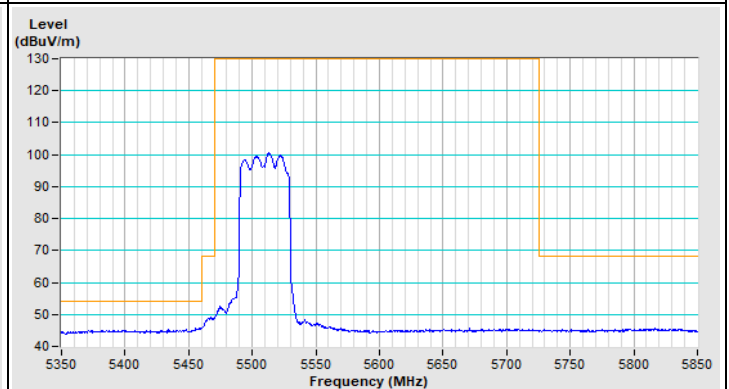
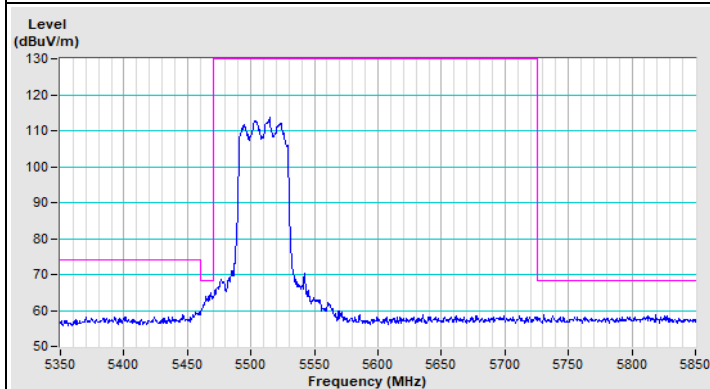
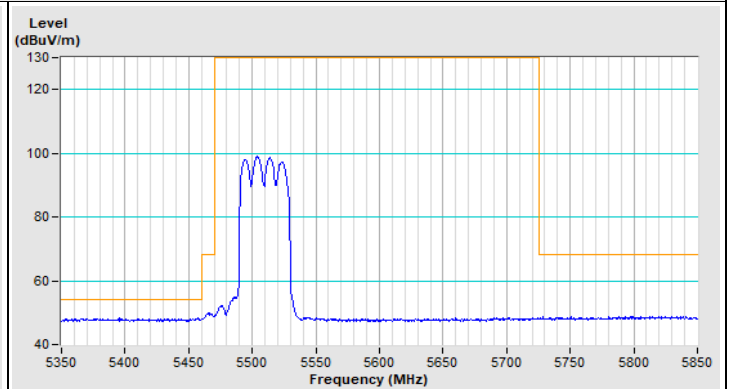
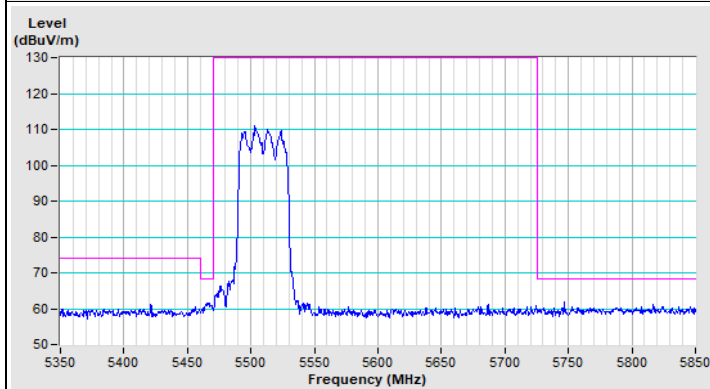
Horizontal (Peak)



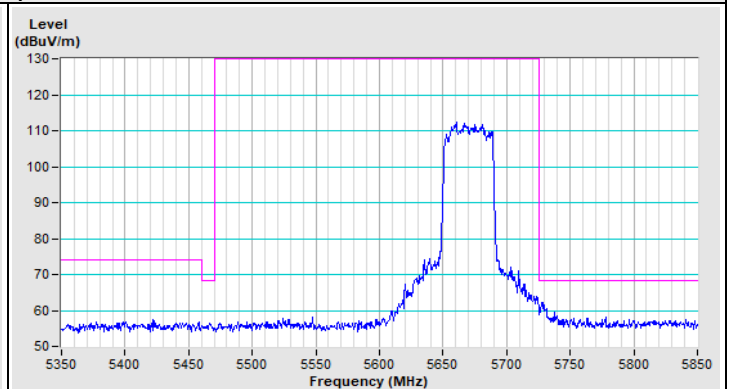
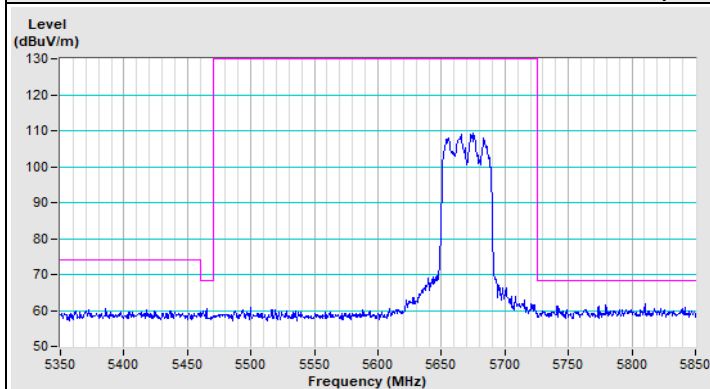
Vertical (Peak)

Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
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802.11ax (HE40) Channel 102

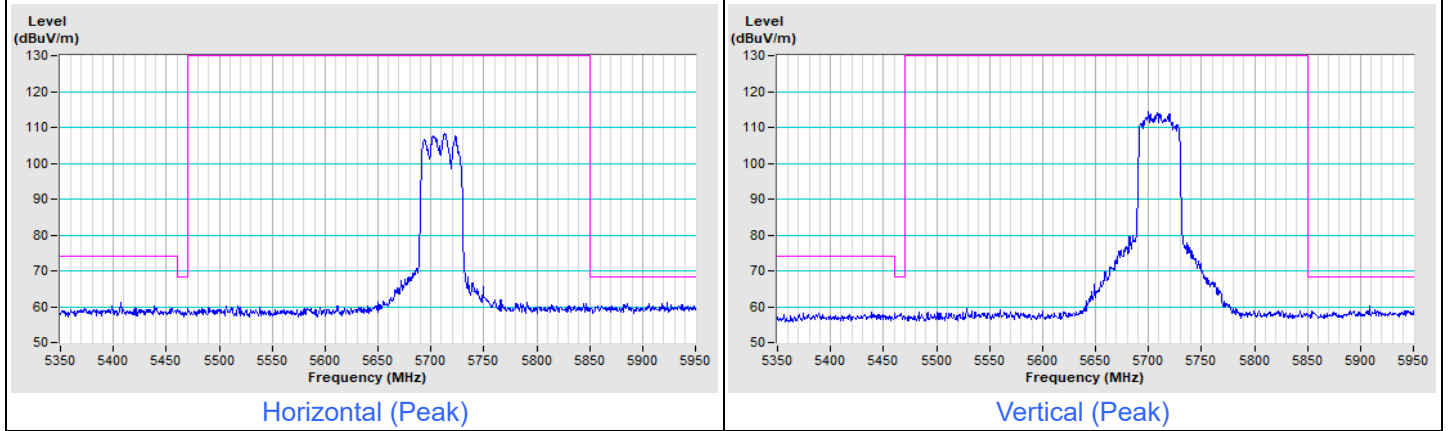


802.11ax (HE40) Channel 134



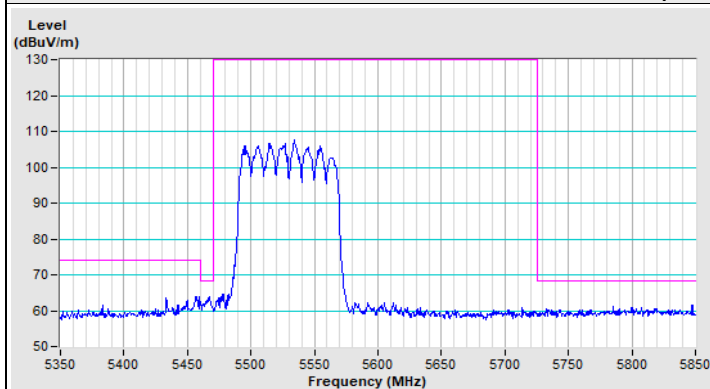
Frequency Range	5.35 GHz ~ 5.95 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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802.11ax (HE40) Channel 142

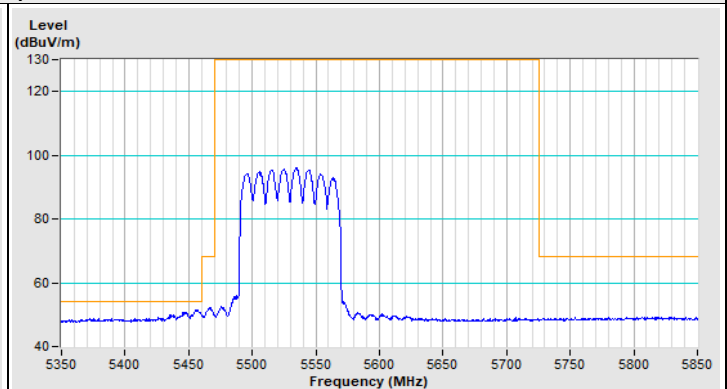


Frequency Range	5.35 GHz ~ 5.85 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET=Peak
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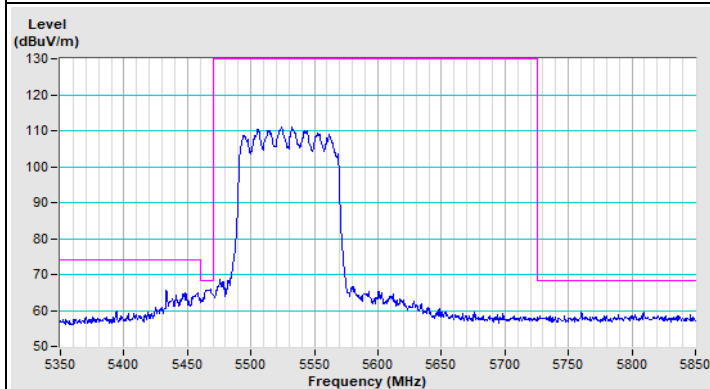
802.11ax (HE80) Channel 106



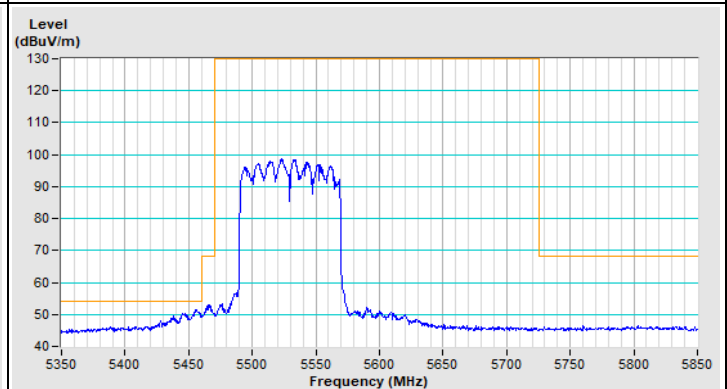
Horizontal (Peak)



Horizontal (Average)

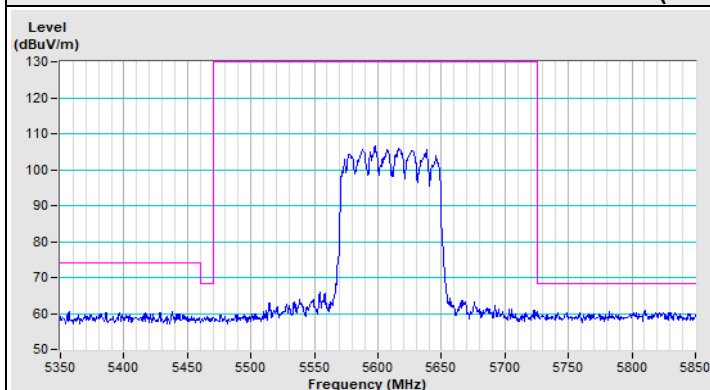


Vertical (Peak)

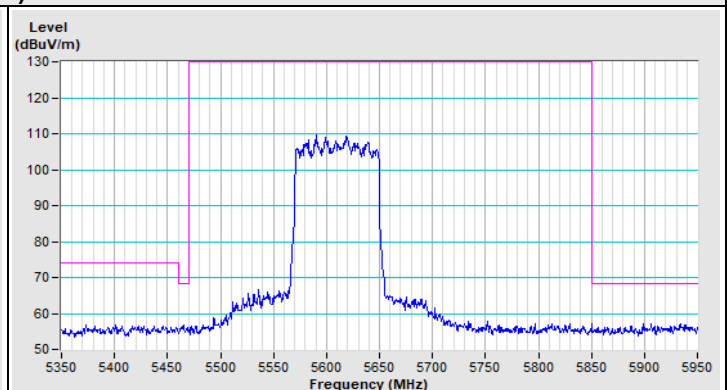


Vertical (Average)

802.11ax (HE80) Channel 122



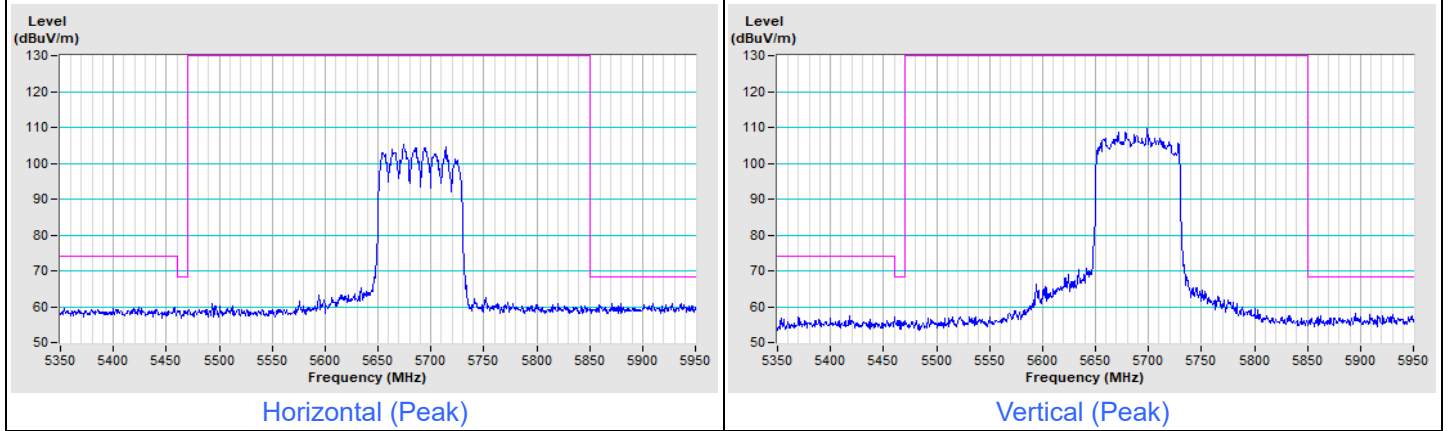
Horizontal (Peak)



Vertical (Peak)

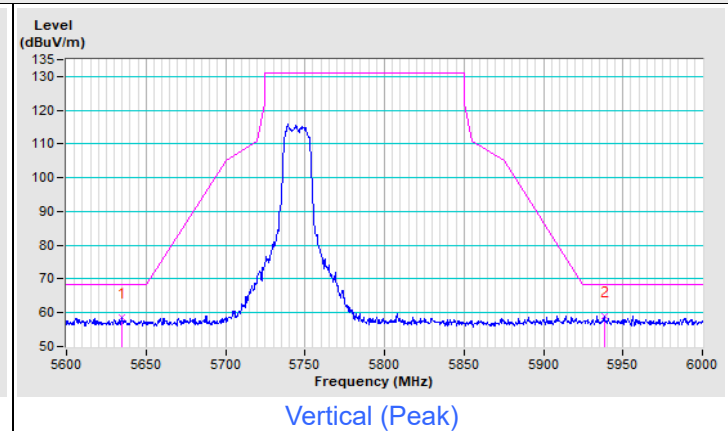
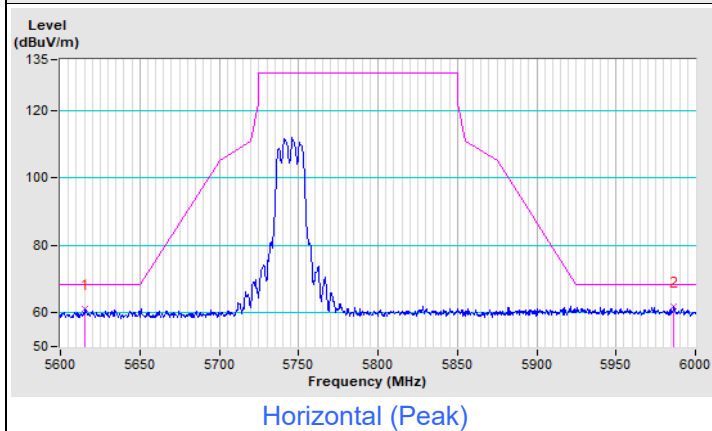
Frequency Range	5.35 GHz ~ 5.95 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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802.11ax (HE80) Channel 138

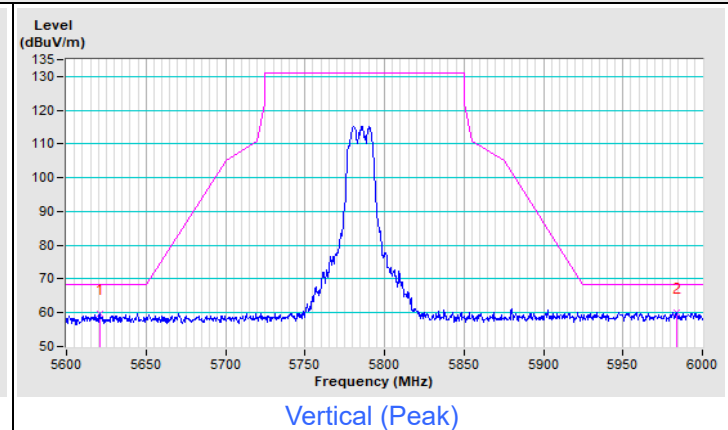
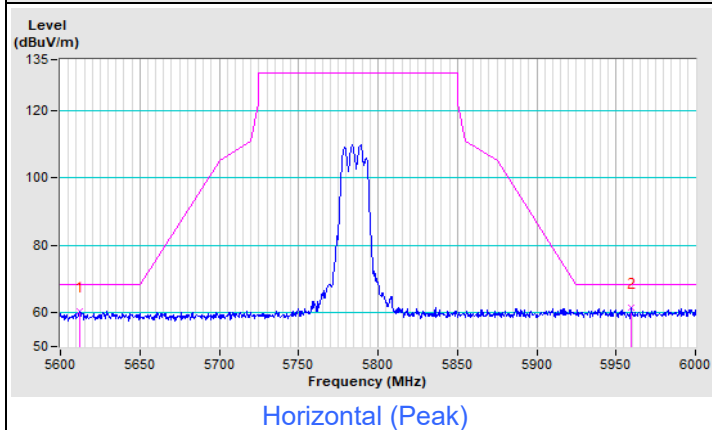


Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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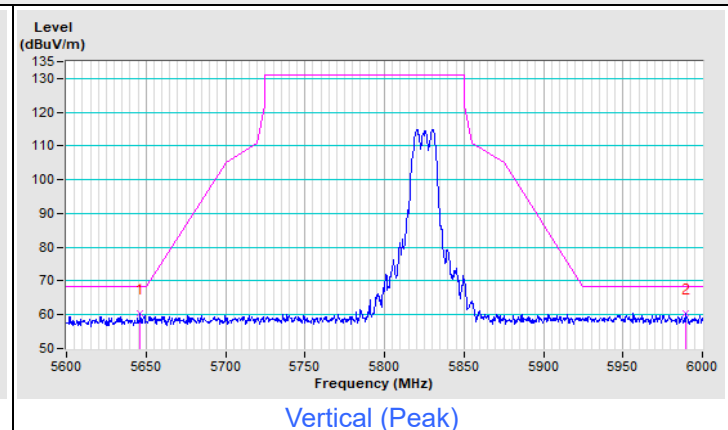
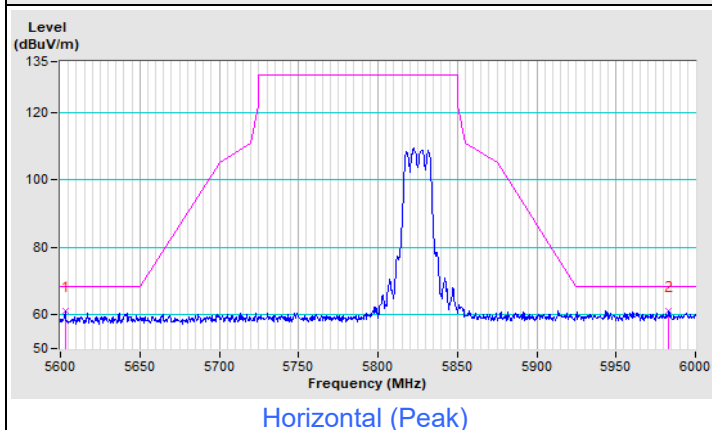
802.11a Channel 149



802.11a Channel 157

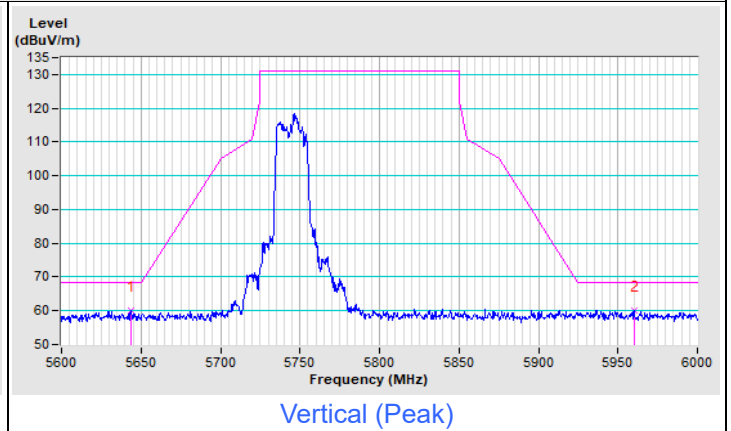
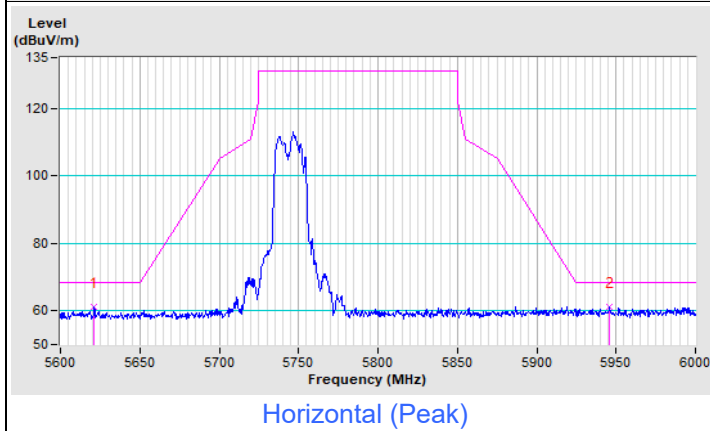


802.11a Channel 165

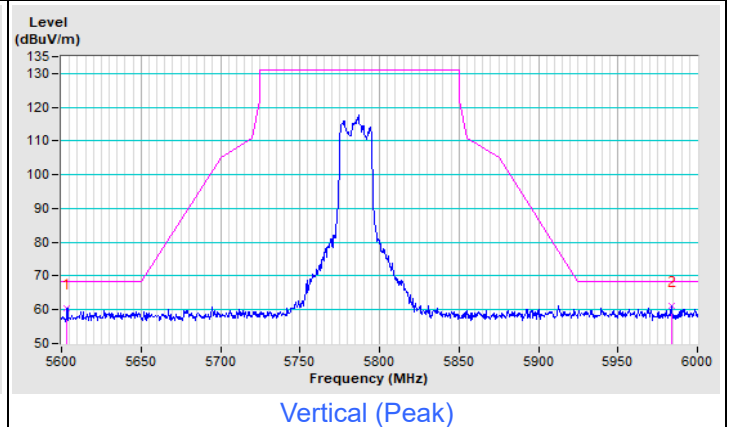
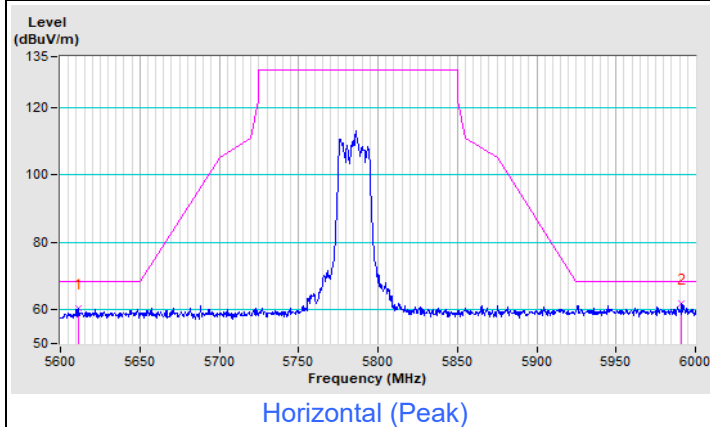


Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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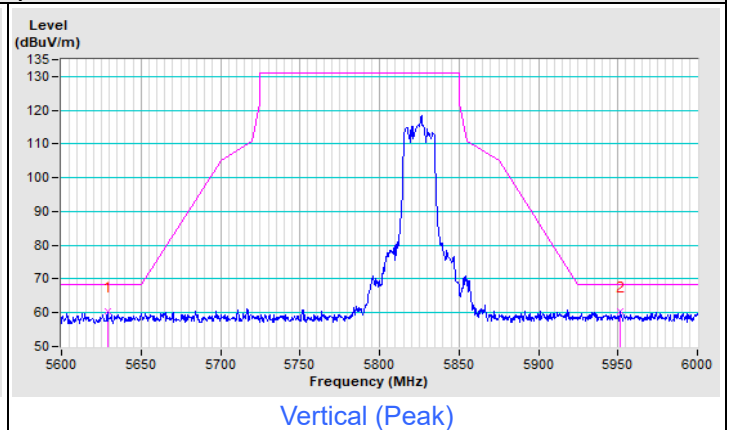
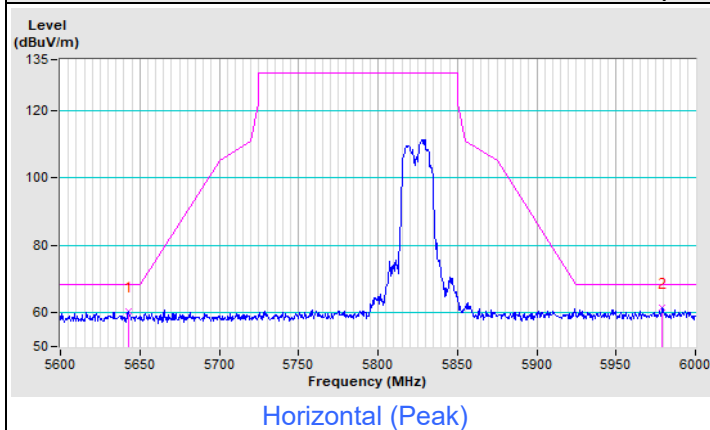
802.11ax (HE20) Channel 149



802.11ax (HE20) Channel 157

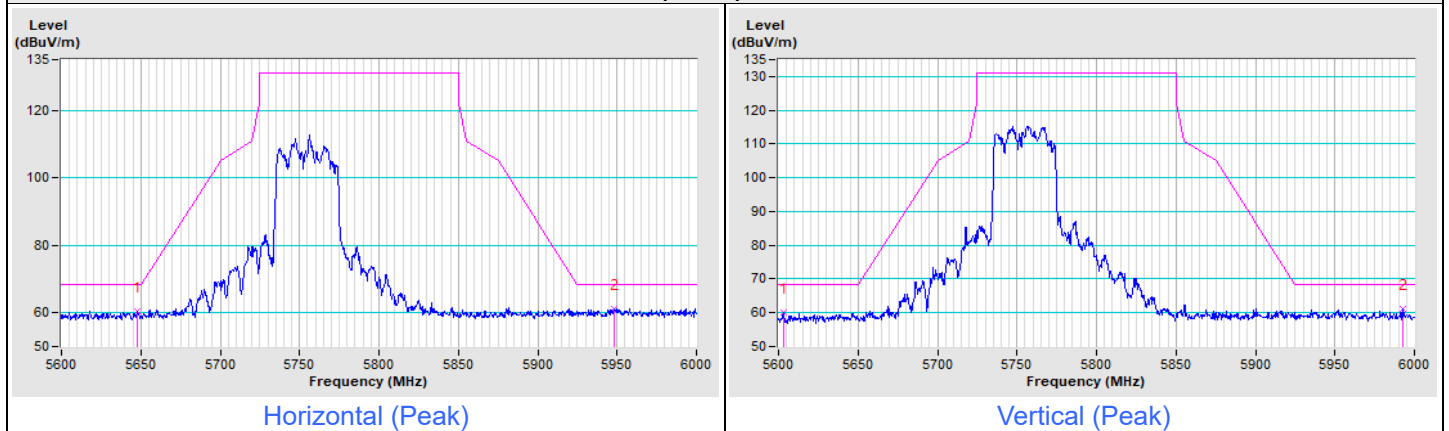


802.11ax (HE20) Channel 165

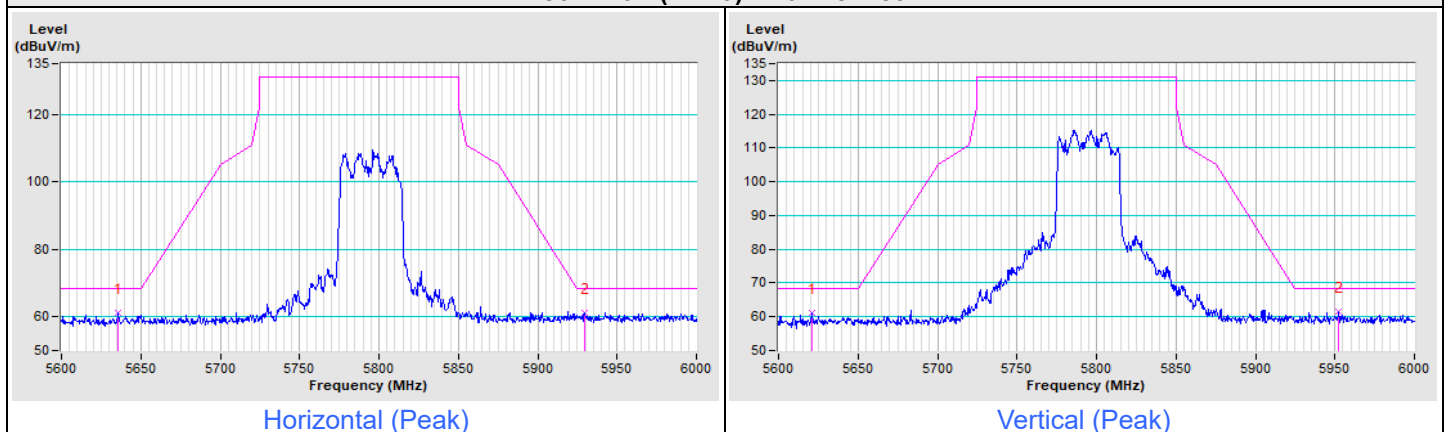


Frequency Range	5.6 GHz ~ 6 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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802.11ax (HE40) Channel 151

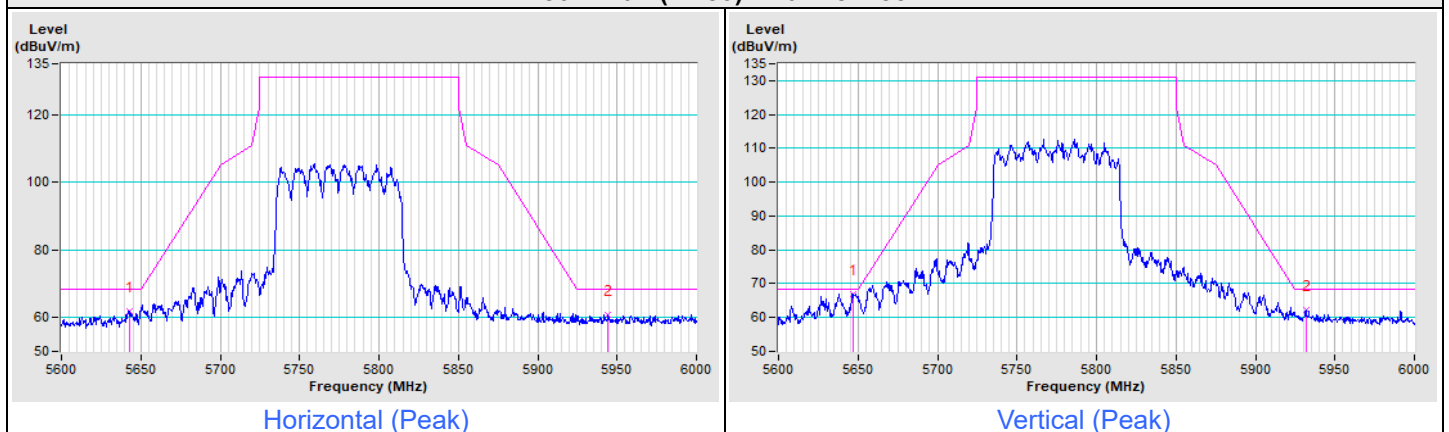


802.11ax (HE40) Channel 159



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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