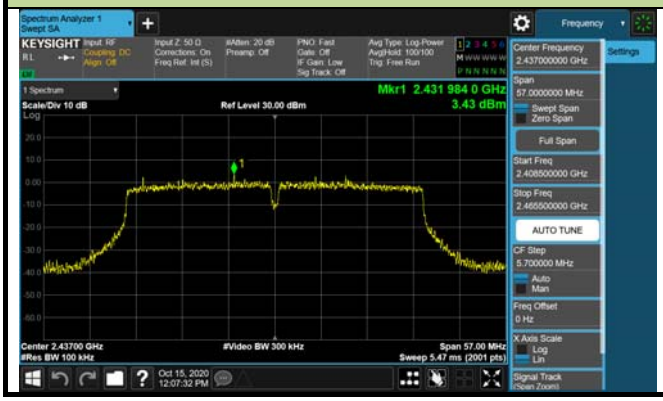
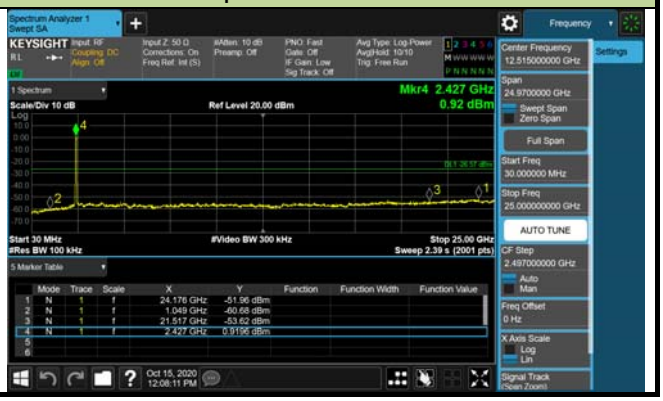
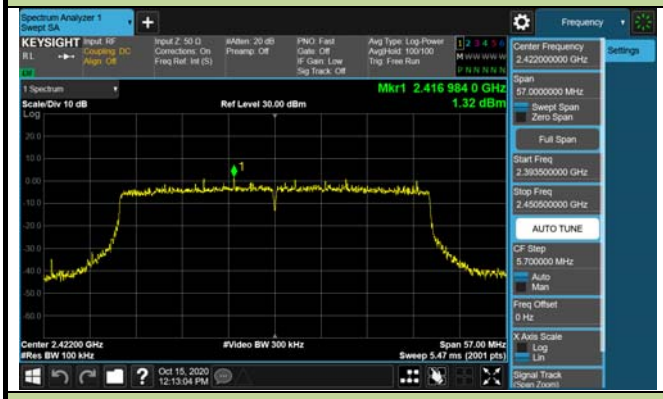
Channel 11 (2462MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

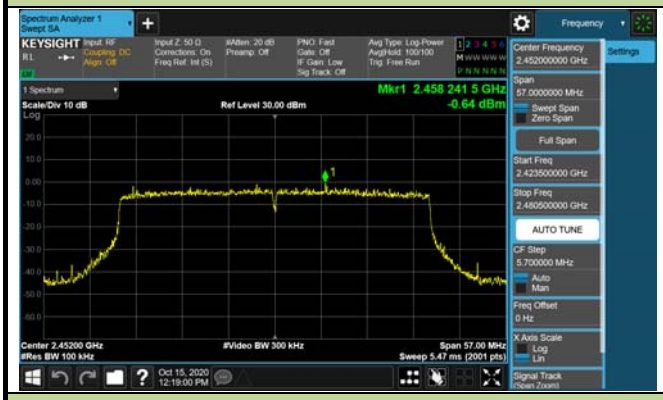
VHT40 Out-of-Band Emissions- Ant 0 / Ant 0 + 1	
Channel 03 (2422MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
100kHz PSD reference Level	Spurious Emission
	

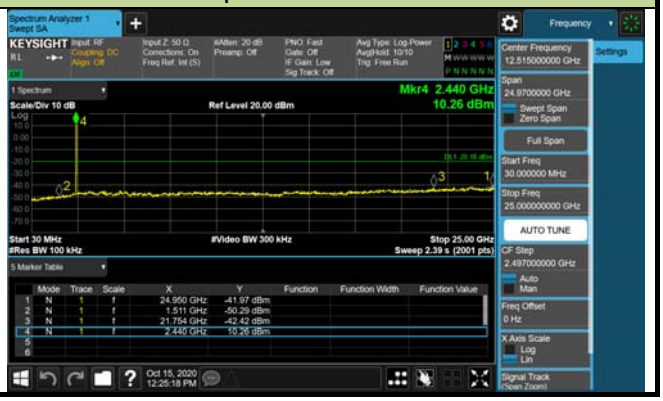
Channel 09 (2452MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

802.11ax-HE20 Out-of-Band Emissions- Ant 0 / Ant 0 + 1	
Channel 01 (2412MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
100kHz PSD reference Level	Spurious Emission
	

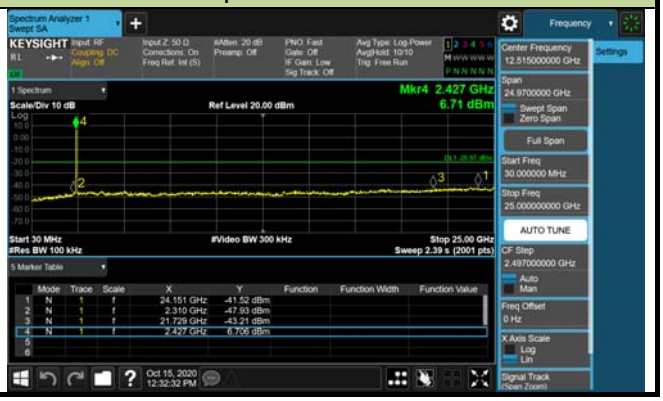
Channel 11 (2462MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

802.11ax-HE40 Out-of-Band Emissions- Ant 0 / Ant 0 + 1	
Channel 03 (2422MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
100kHz PSD reference Level	Spurious Emission
	

Channel 09 (2452MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

802.11b Out-of-Band Emissions - Ant 1 / Ant 0 + 1	
Channel 01 (2412MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
100kHz PSD reference Level	Spurious Emission
	

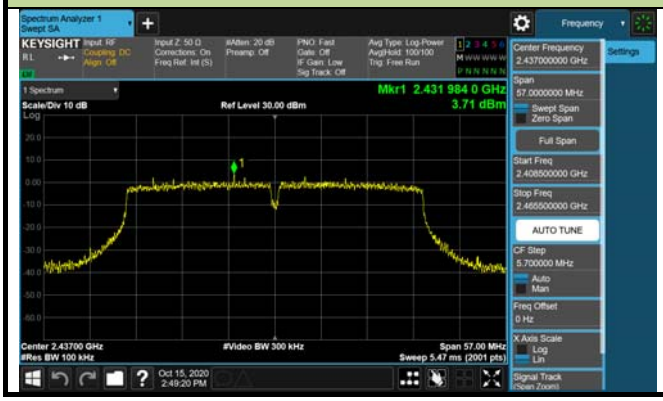
Channel 11 (2462MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

802.11g Out-of-Band Emissions- Ant 1 / Ant 0 + 1	
Channel 01 (2412MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
100kHz PSD reference Level	Spurious Emission
	

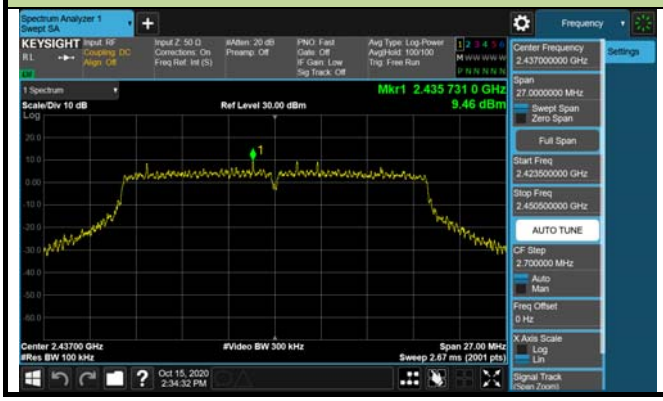
Channel 11 (2462MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

802.11n-HT20 Out-of-Band Emissions- Ant 1 / Ant 0 + 1	
Channel 01 (2412MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
100kHz PSD reference Level	Spurious Emission
	

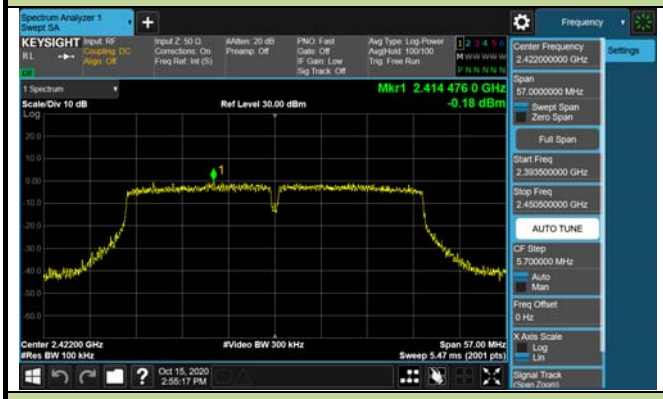
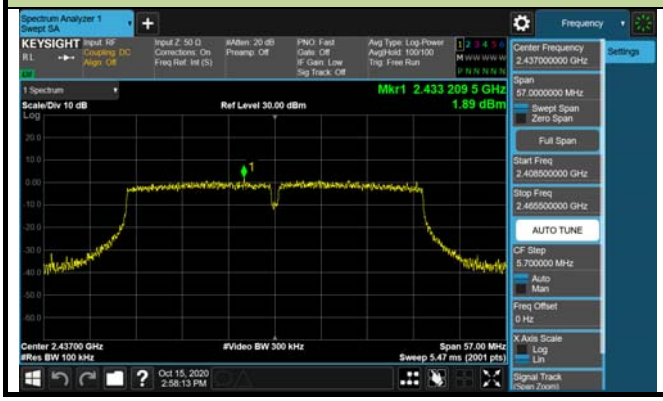
Channel 11 (2462MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

802.11n-HT40 Out-of-Band Emissions- Ant 1 / Ant 0 + 1	
Channel 03 (2422MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
100kHz PSD reference Level	Spurious Emission
	

Channel 09 (2452MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

VHT20 Out-of-Band Emissions- Ant 1 / Ant 0 + 1	
Channel 01 (2412MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
100kHz PSD reference Level	Spurious Emission
	

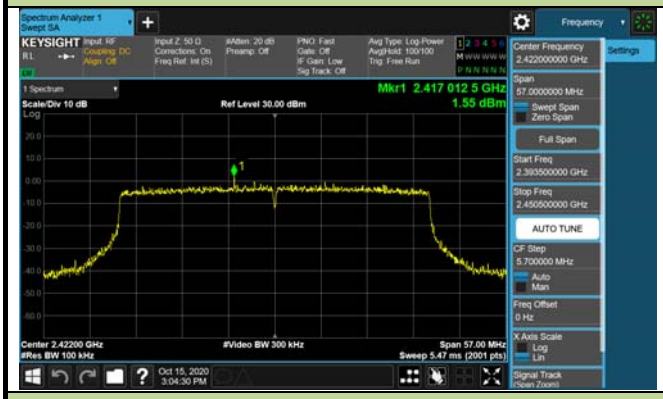
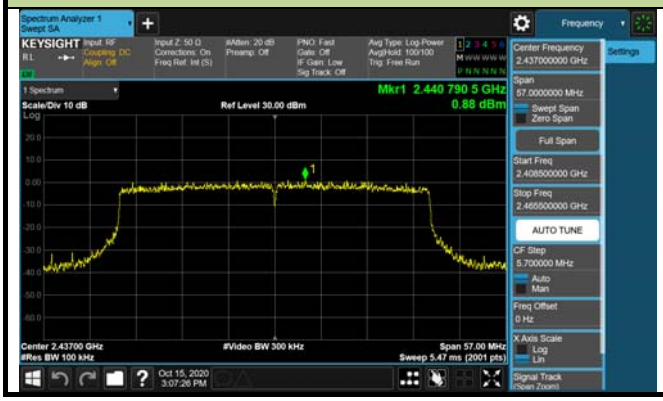
Channel 11 (2462MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

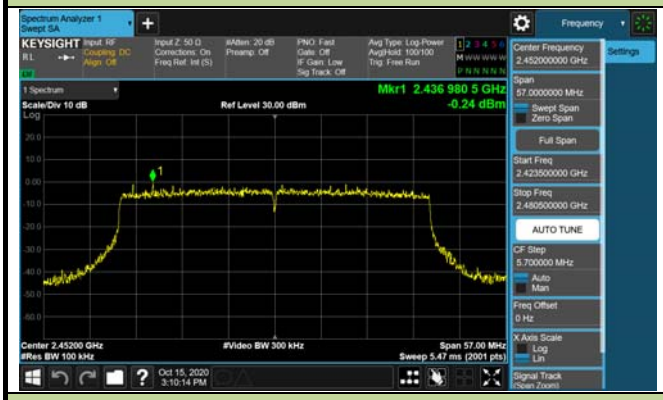
VHT40 Out-of-Band Emissions- Ant 1 / Ant 0 + 1	
Channel 03 (2422MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
100kHz PSD reference Level	Spurious Emission
	

Channel 09 (2452MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

802.11ax-HE20 Out-of-Band Emissions- Ant 1 / Ant 0 + 1	
Channel 01 (2412MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
100kHz PSD reference Level	Spurious Emission
	

Channel 11 (2462MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

802.11ax-HE40 Out-of-Band Emissions- Ant 1 / Ant 0 + 1	
Channel 03 (2422MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
100kHz PSD reference Level	Spurious Emission
	

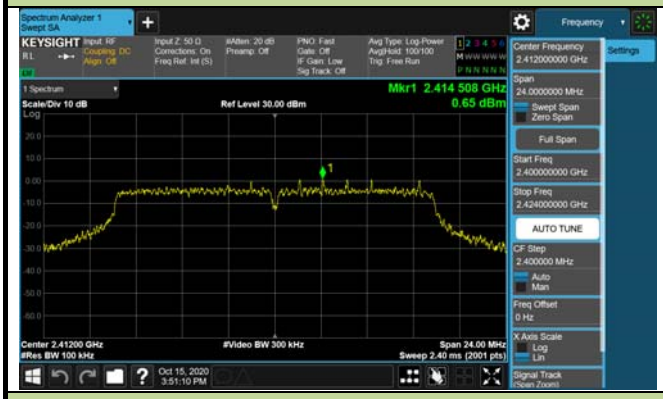
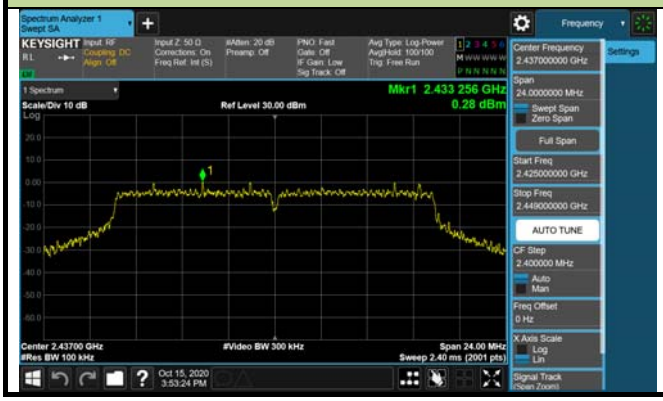
Channel 09 (2452MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

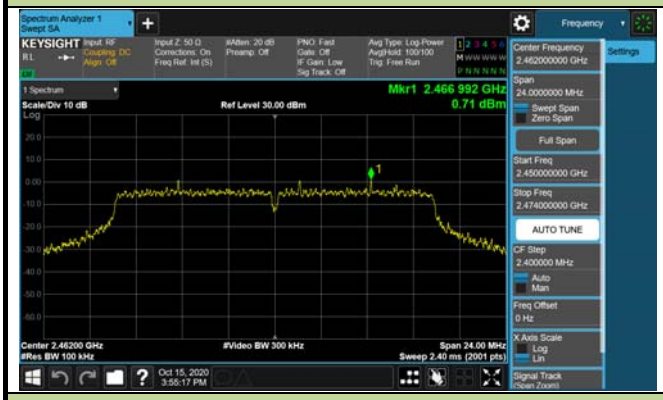
Product	OmniAccess Stellar, OAW-AP1311	Temperature	23 ~ 25°C
Test Engineer	Kevin Ker	Relative Humidity	46 ~ 52%
Test Site	SR1	Test Date	2020/09/30~2020/11/11
Model No.	OAW-AP1311-Scan Antenna		

Test Mode	Data Rate (Mbps)	Channel No.	Frequency (MHz)	Limit	Result
11b	1Mbps	01	2412	30dBc	Pass
11b	1Mbps	06	2437	30dBc	Pass
11b	1Mbps	11	2462	30dBc	Pass
11g	6Mbps	01	2412	30dBc	Pass
11g	6Mbps	06	2437	30dBc	Pass
11g	6Mbps	11	2462	30dBc	Pass

802.11b Out-of-Band Emissions – Ant 0	
Channel 01 (2412MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
100kHz PSD reference Level	Spurious Emission
	

Channel 11 (2462MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

802.11g Out-of-Band Emissions- Ant 0	
Channel 01 (2412MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
100kHz PSD reference Level	Spurious Emission
	

Channel 11 (2462MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

6.6. Radiated Spurious Emission Measurement

6.6.1.Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency (MHz)	Field Strength (uV/m)	Measured Distance (Meters)
0.009 – 0.490	2400/F (kHz)	300
0.490 – 1.705	24000/F (kHz)	30
1.705 – 30	30	30
30 – 88	100	3
88 – 216	150	3
216 – 960	200	3
Above 960	500	3

6.6.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.4 (Standard test method below 30MHz)

ANSI C63.10 Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

6.6.3.Test Setting

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = as specified in Table 1
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Table 1 – RBW as a function of frequency

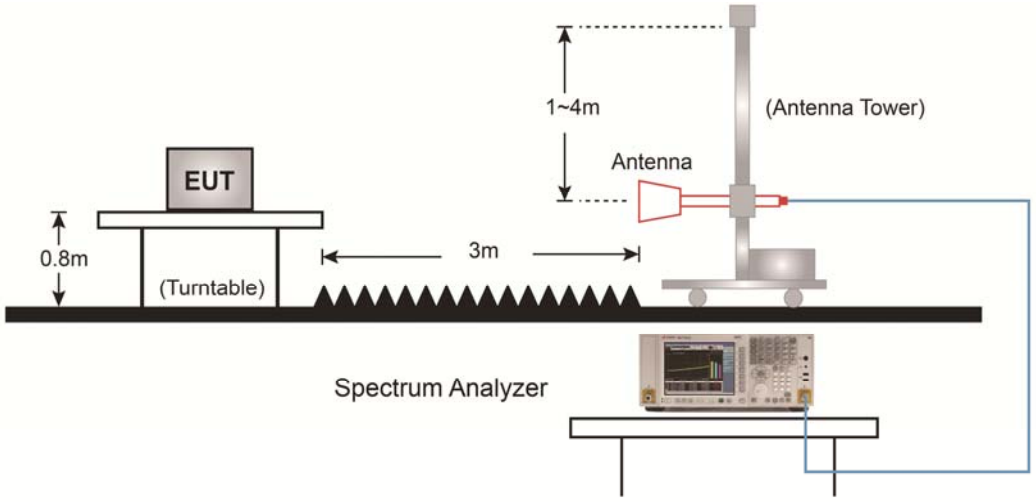
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Average Field Strength Measurements

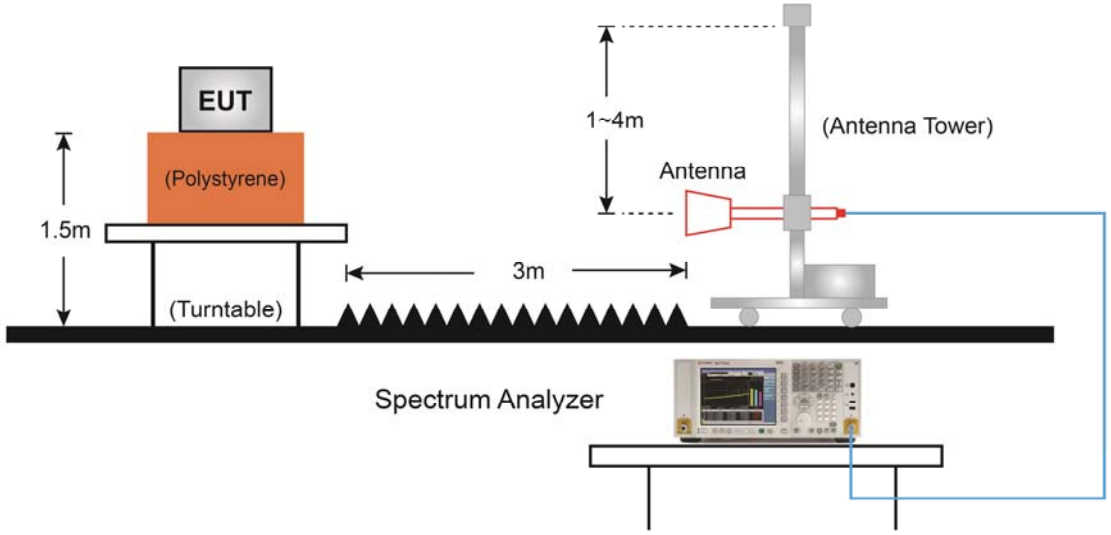
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW ≥ 1/T
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to “Voltage” regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

6.6.4.Test Setup

Below 1GHz Test Setup:

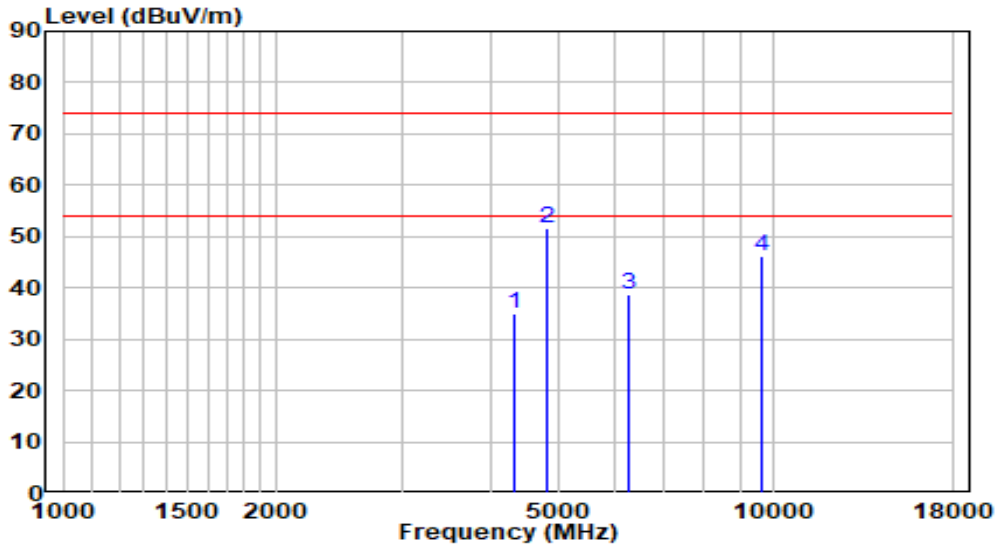


Above 1GHz Test Setup:



6.6.5.Test Result

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2412MHz	Test Voltage	120V/60Hz

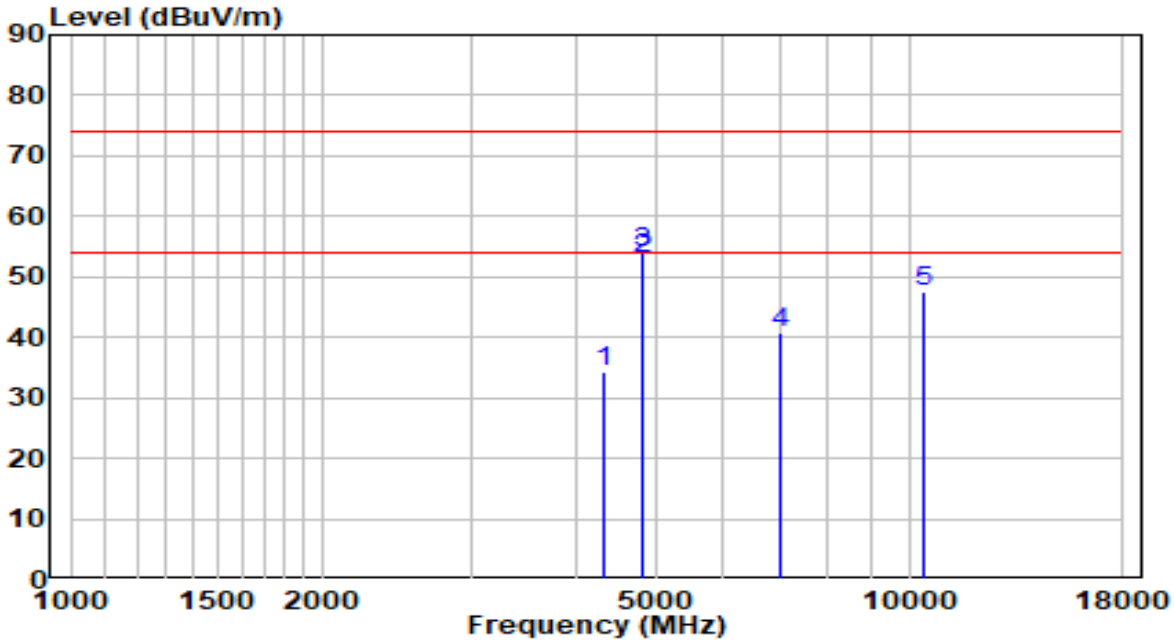


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4332.000	32.91	1.99	34.90	-39.10	74.00	Peak
2	*	4825.000	48.19	3.33	51.52	-22.48	74.00	Peak
3		6253.000	31.80	7.01	38.80	-35.20	74.00	Peak
4		9644.500	31.54	14.69	46.23	-27.77	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2412MHz	Test Voltage	120V/60Hz

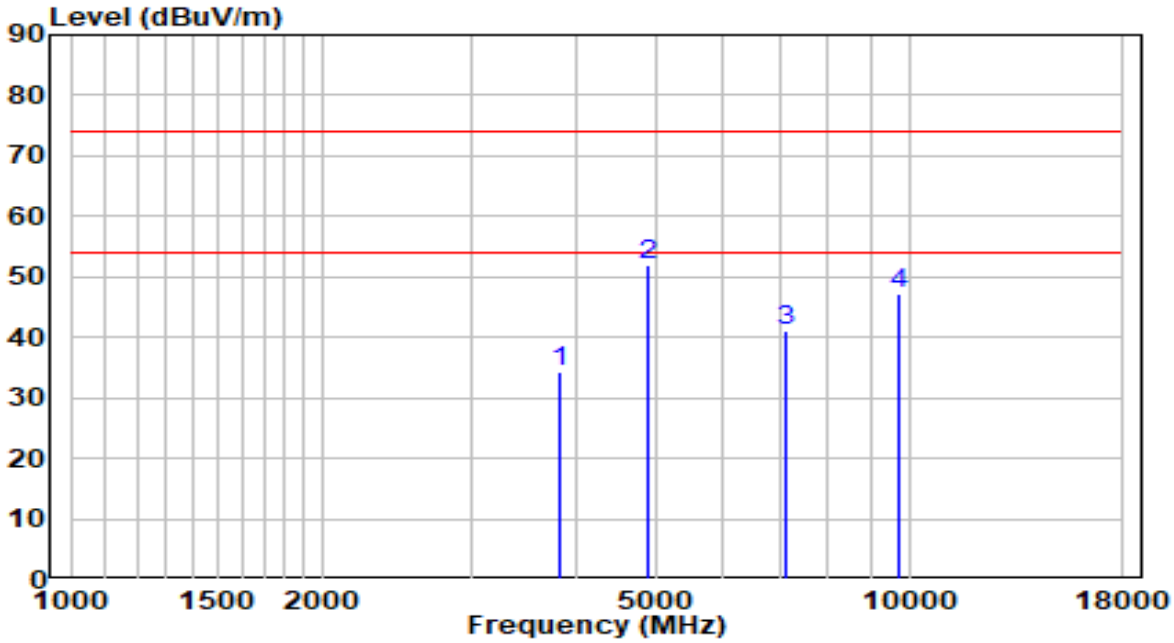


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4323.500	32.39	1.96	34.35	-39.65	74.00	Peak
2	*	4825.000	49.50	3.33	52.83	-1.17	54.00	Average
3		4825.000	50.63	3.33	53.96	-20.04	74.00	Peak
4		7035.000	30.38	10.40	40.78	-33.22	74.00	Peak
5		10443.500	30.70	16.88	47.58	-26.42	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2437MHz	Test Voltage	120V/60Hz

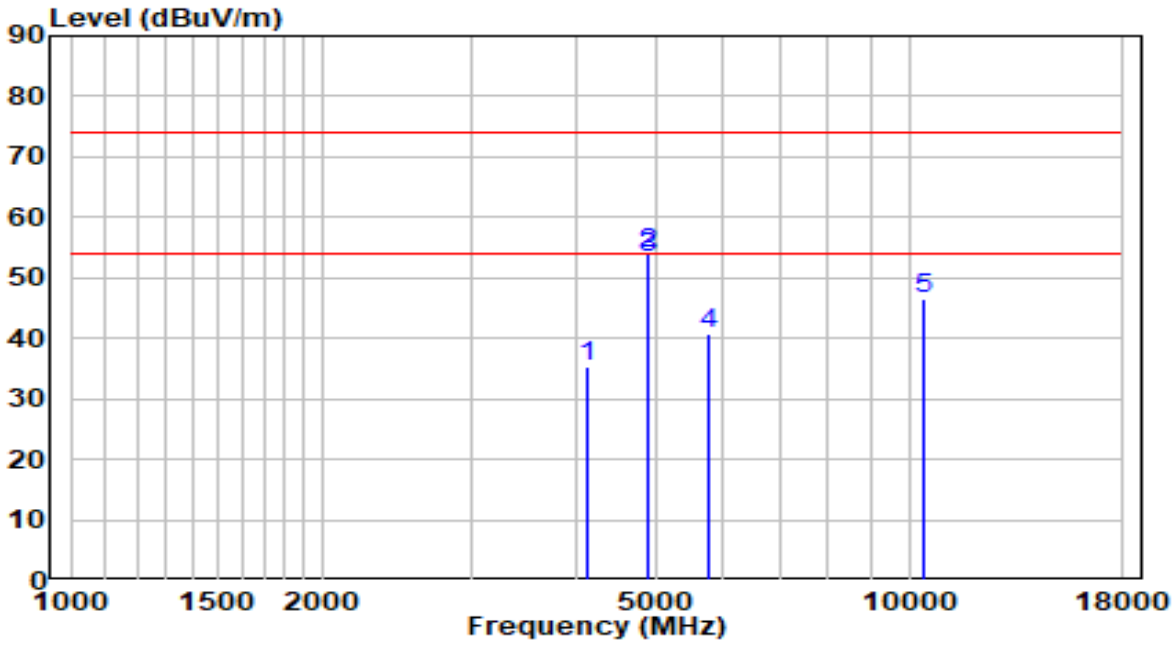


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3839.000	34.02	0.33	34.35	-39.65	74.00	Peak
2	*	4876.000	48.39	3.45	51.84	-22.16	74.00	Peak
3		7120.000	30.41	10.64	41.05	-32.95	74.00	Peak
4		9746.500	32.47	14.88	47.36	-26.64	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2437MHz	Test Voltage	120V/60Hz

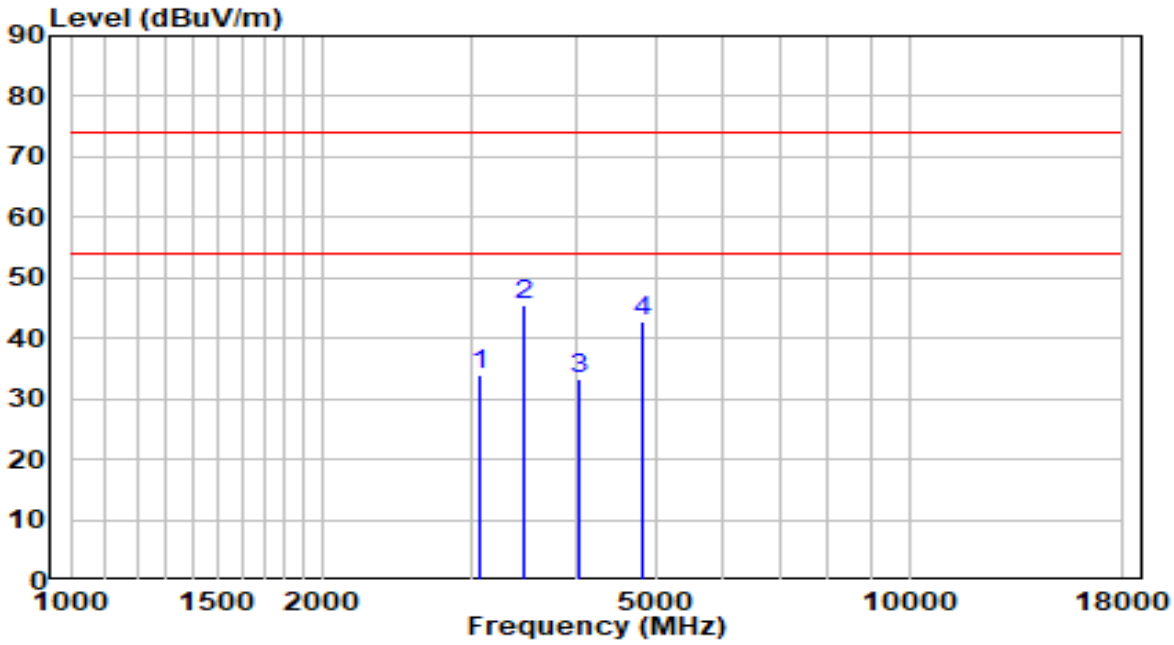


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4128.000	33.89	1.31	35.20	-38.80	74.00	Peak
2		4876.000	50.60	3.45	54.05	-19.95	74.00	Peak
3	*	4876.000	50.03	3.45	53.48	-0.52	54.00	Average
4		5785.500	35.51	5.20	40.71	-33.29	74.00	Peak
5		10443.500	29.77	16.88	46.65	-27.35	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2462MHz	Test Voltage	120V/60Hz

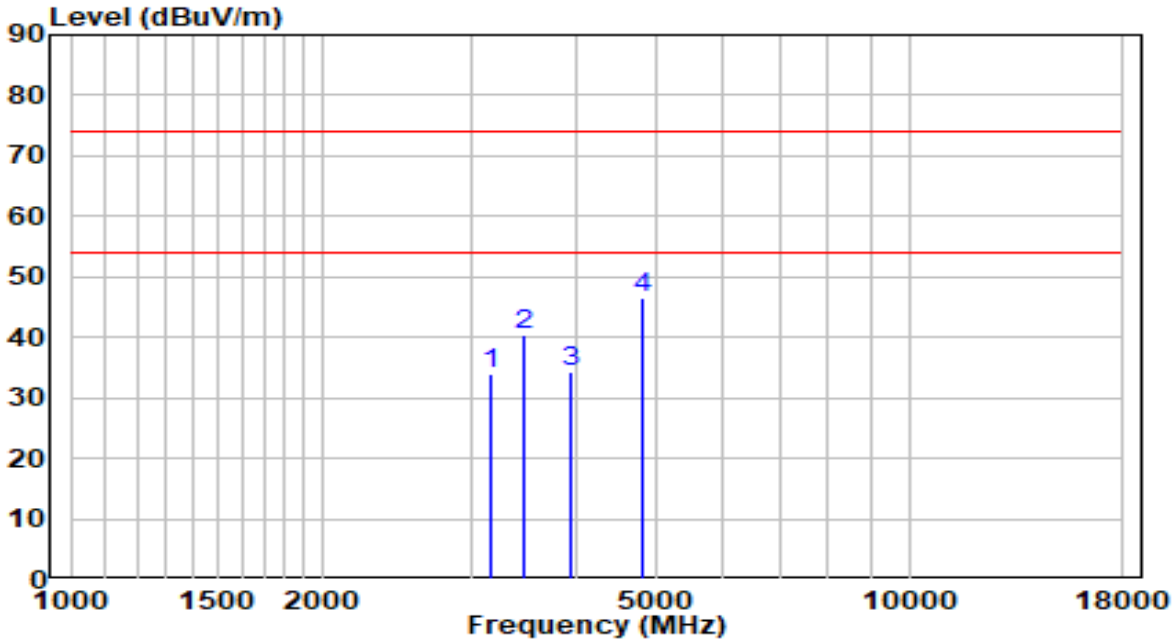


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3074.000	36.30	-2.28	34.02	-39.98	74.00	Peak
2	*	3482.000	46.41	-0.90	45.50	-28.50	74.00	Peak
3		4043.000	32.23	1.02	33.26	-40.74	74.00	Peak
4		4825.000	39.33	3.33	42.66	-31.34	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2462MHz	Test Voltage	120V/60Hz

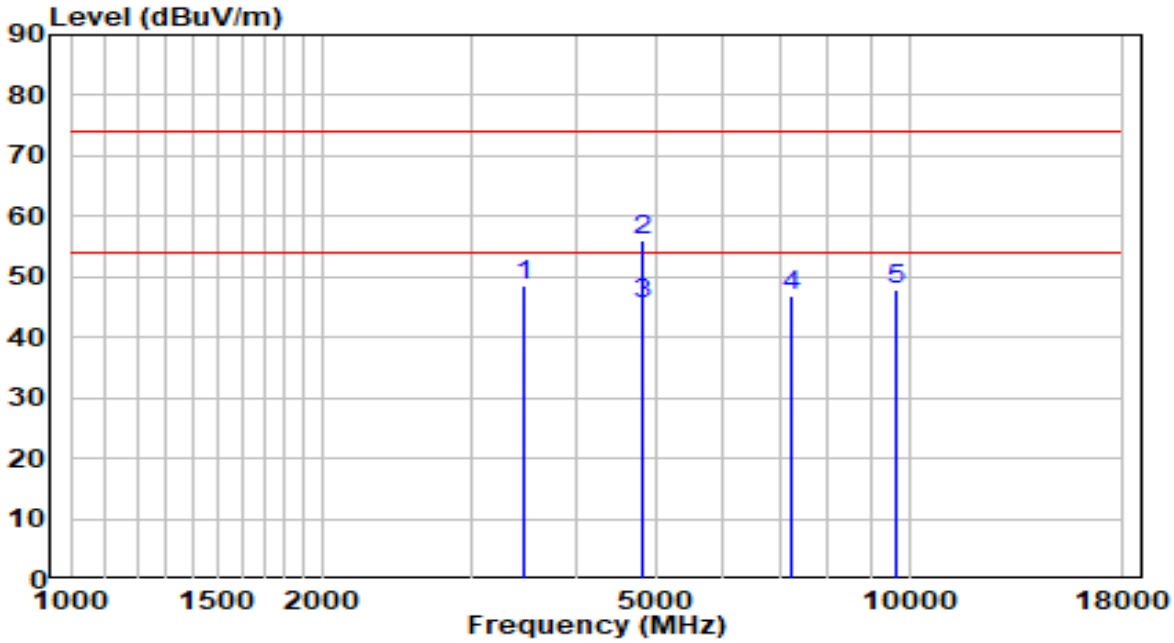


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3176.000	35.96	-1.94	34.02	-39.98	74.00	Peak
2		3482.000	41.18	-0.90	40.28	-33.72	74.00	Peak
3		3949.500	33.44	0.71	34.15	-39.85	74.00	Peak
4	*	4825.000	43.08	3.33	46.41	-27.59	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at channel 2412MHz	Test Voltage	120V/60Hz

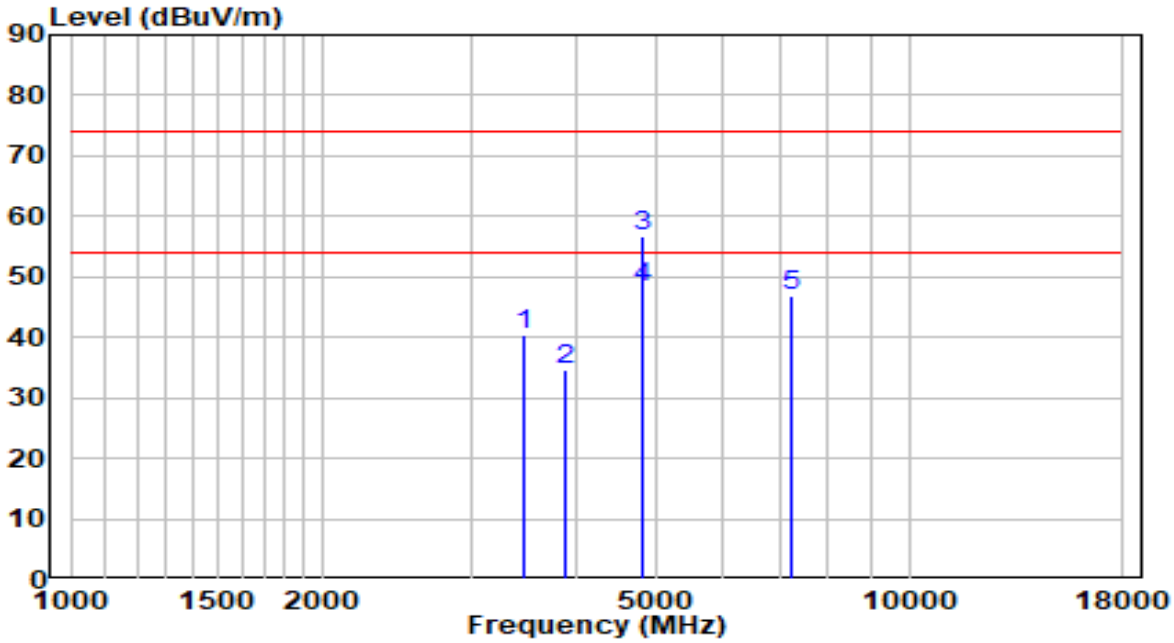


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3482.000	49.49	-0.90	48.59	-25.41	74.00	Peak
2		4825.000	52.81	3.33	56.14	-17.86	74.00	Peak
3	*	4825.000	42.08	3.33	45.41	-8.59	54.00	Average
4		7230.500	36.04	10.95	46.99	-27.01	74.00	Peak
5		9644.500	33.20	14.69	47.89	-26.11	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at channel 2412MHz	Test Voltage	120V/60Hz

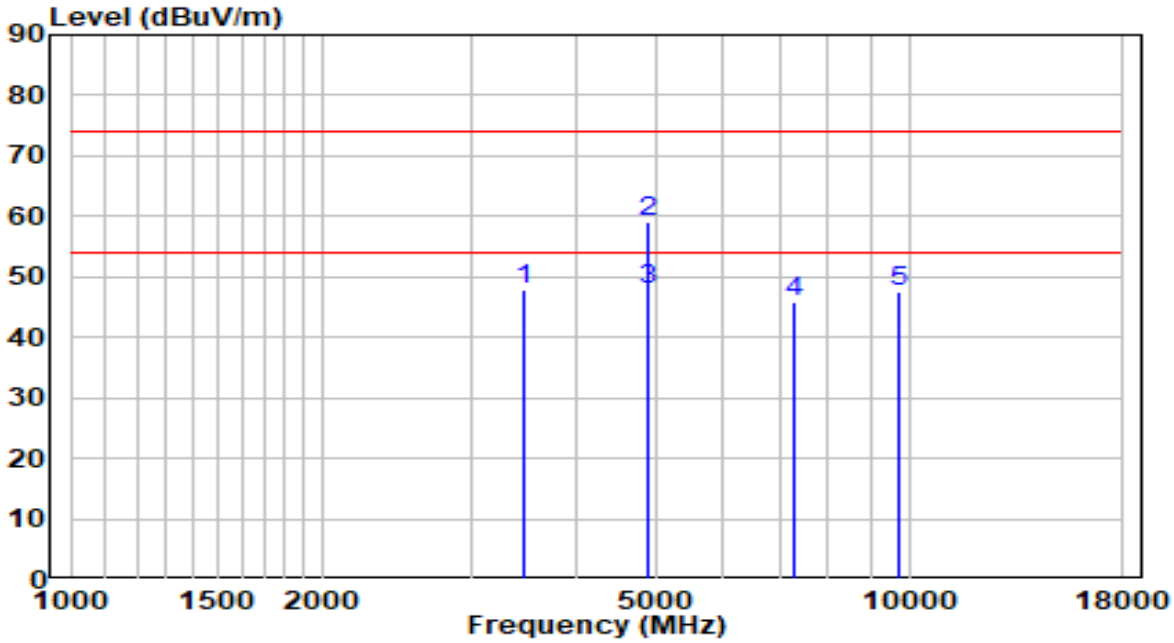


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3482.000	41.33	-0.90	40.43	-33.57	74.00	Peak
2		3898.500	34.19	0.53	34.72	-39.28	74.00	Peak
3		4825.000	53.45	3.33	56.78	-17.22	74.00	Peak
4	*	4825.000	44.95	3.33	48.28	-5.72	54.00	Average
5		7230.500	35.87	10.95	46.82	-27.18	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at channel 2437MHz	Test Voltage	120V/60Hz

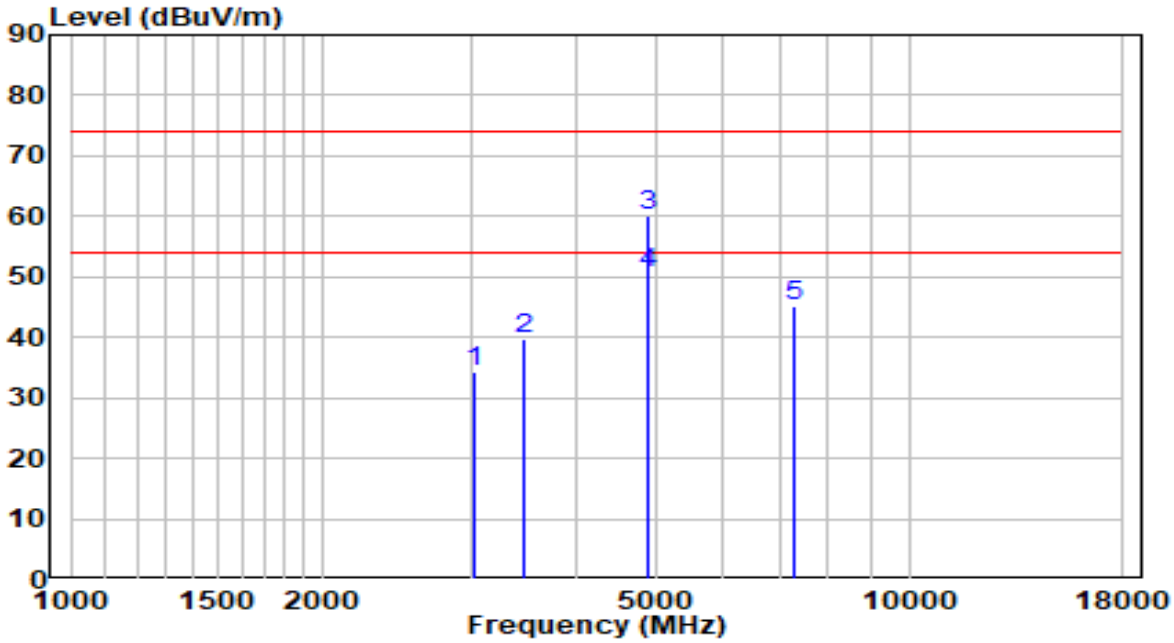


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3482.000	48.83	-0.90	47.93	-26.07	74.00	Peak
2		4876.000	55.73	3.45	59.18	-14.82	74.00	Peak
3	*	4876.000	44.37	3.45	47.82	-6.18	54.00	Average
4		7307.000	34.80	11.17	45.97	-28.03	74.00	Peak
5		9746.500	32.52	14.88	47.40	-26.60	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at channel 2437MHz	Test Voltage	120V/60Hz

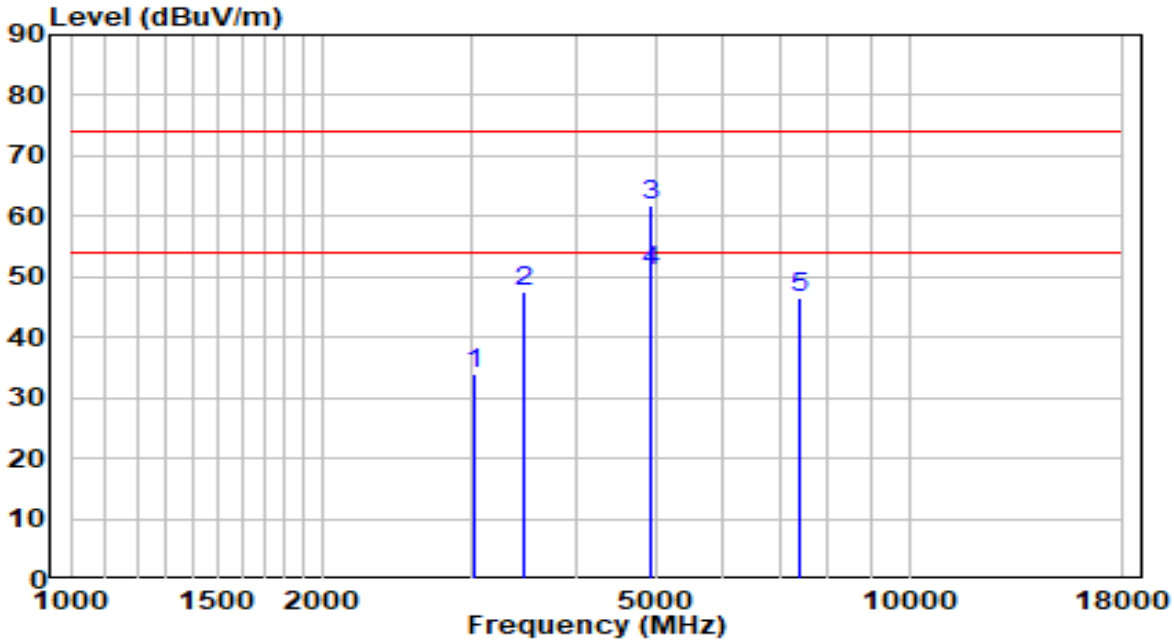


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3023.000	36.87	-2.45	34.42	-39.58	74.00	Peak
2		3482.000	40.66	-0.90	39.76	-34.24	74.00	Peak
3		4884.500	56.57	3.47	60.04	-13.96	74.00	Peak
4	*	4884.500	47.07	3.47	50.54	-3.46	54.00	Average
5		7307.000	33.95	11.17	45.12	-28.88	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at channel 2462MHz	Test Voltage	120V/60Hz

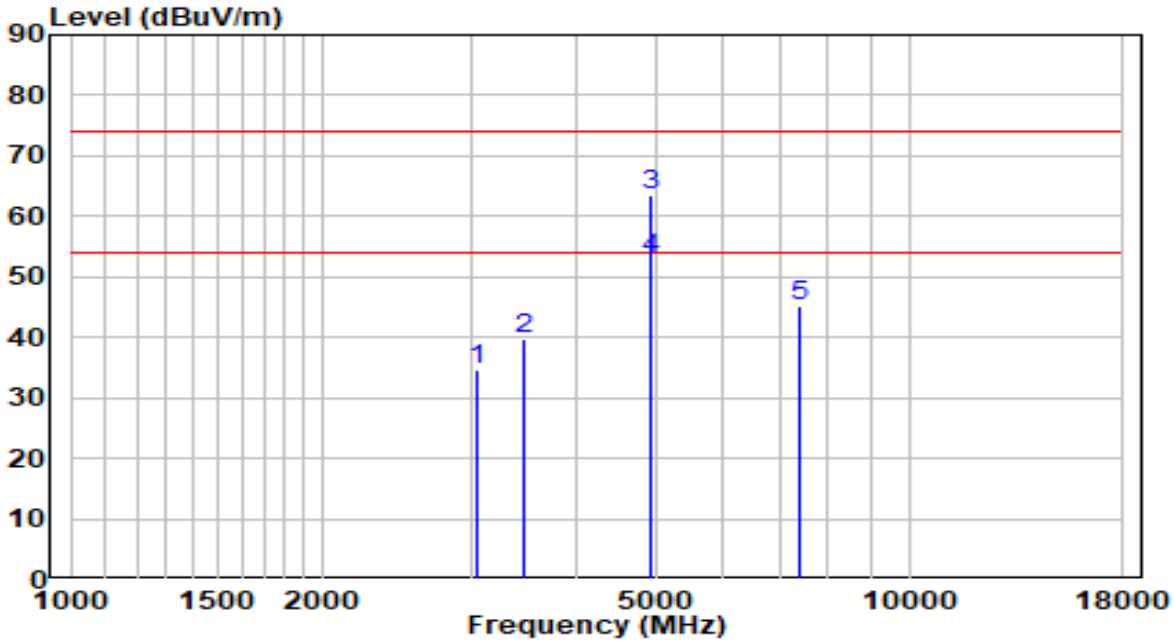


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3031.500	36.52	-2.42	34.10	-39.90	74.00	Peak
2		3482.000	48.34	-0.90	47.44	-26.56	74.00	Peak
3		4927.000	58.10	3.57	61.67	-12.33	74.00	Peak
4	*	4927.000	47.53	3.57	51.10	-2.90	54.00	Average
5		7383.500	35.00	11.39	46.39	-27.61	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at channel 2462MHz	Test Voltage	120V/60Hz

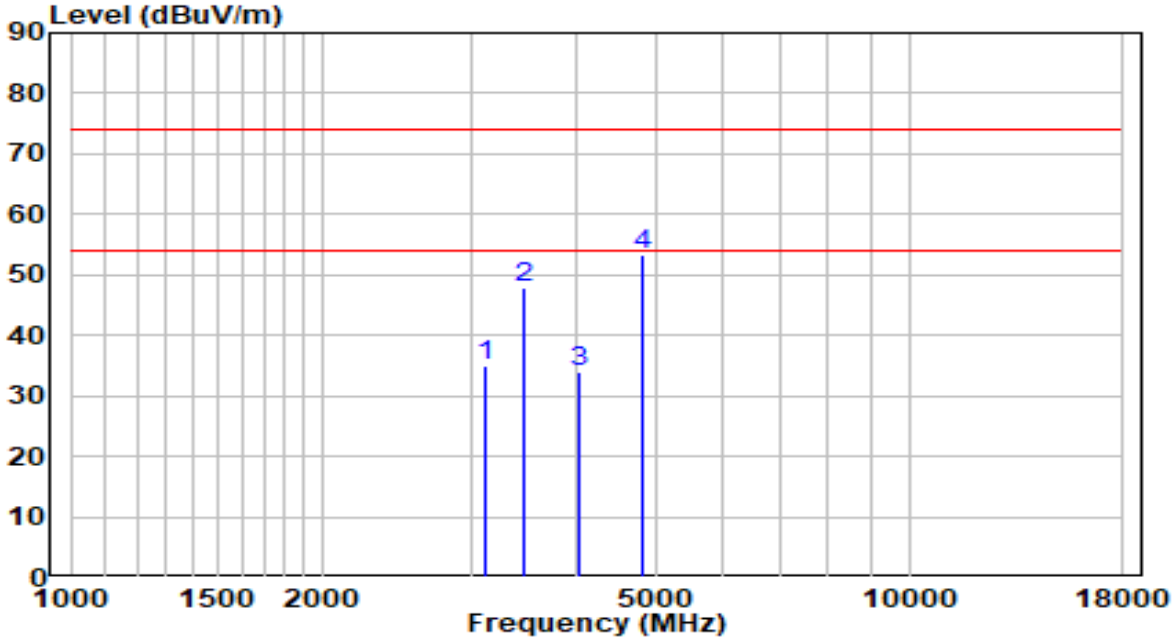


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3057.000	36.89	-2.34	34.55	-39.45	74.00	Peak
2		3482.000	40.63	-0.90	39.73	-34.27	74.00	Peak
3		4927.000	59.94	3.57	63.51	-10.49	74.00	Peak
4	*	4927.000	49.49	3.57	53.06	-0.94	54.00	Average
5		7392.000	33.65	11.41	45.06	-28.94	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT20 at channel 2412MHz	Test Voltage	120V/60Hz

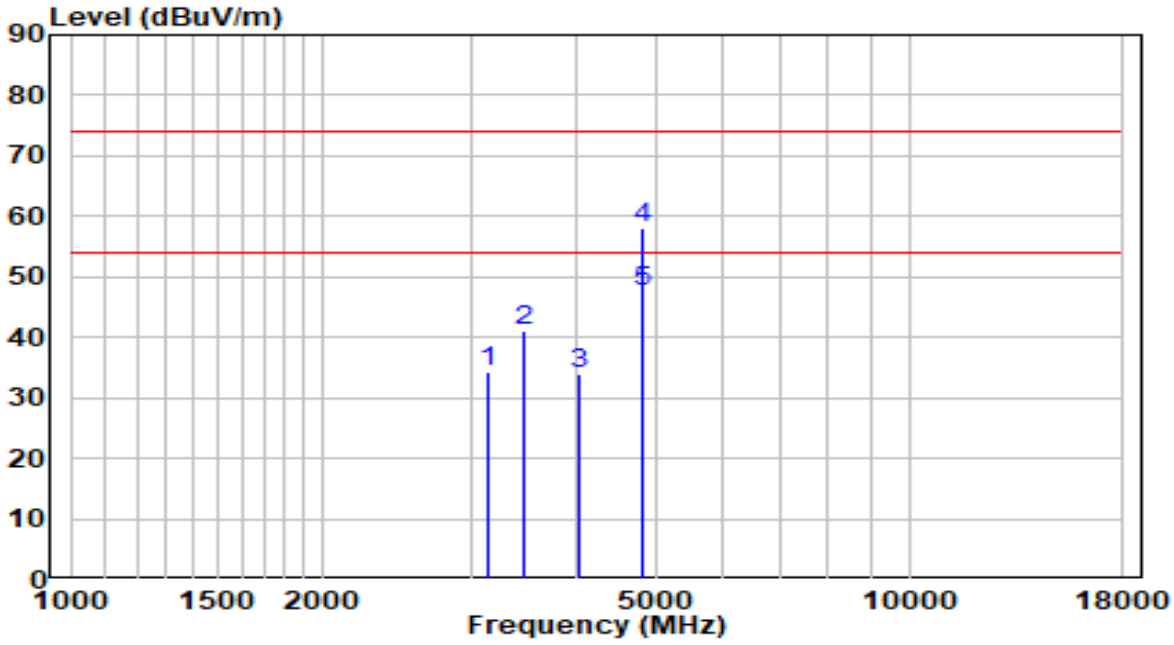


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3116.500	37.16	-2.14	35.03	-38.97	74.00	Peak
2		3482.000	48.90	-0.90	48.00	-26.00	74.00	Peak
3		4043.000	33.07	1.02	34.09	-39.91	74.00	Peak
4	*	4825.000	50.00	3.33	53.33	-20.67	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT20 at channel 2412MHz	Test Voltage	120V/60Hz

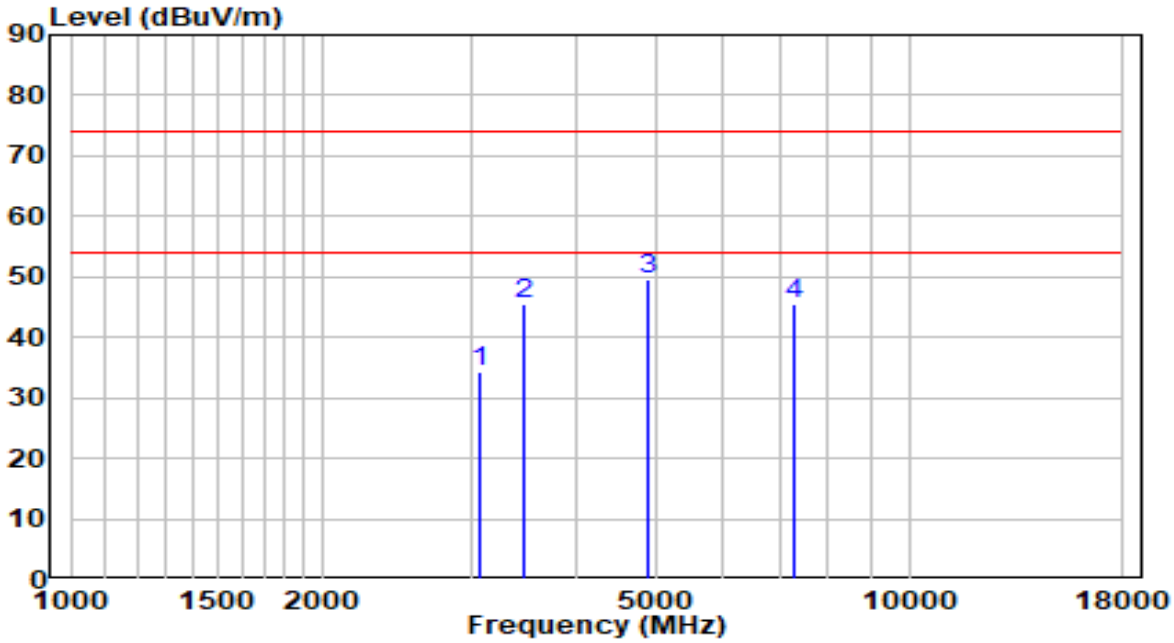


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3142.000	36.25	-2.05	34.20	-39.80	74.00	Peak
2		3482.000	42.02	-0.90	41.12	-32.88	74.00	Peak
3		4043.000	33.09	1.02	34.11	-39.89	74.00	Peak
4		4825.000	54.75	3.33	58.08	-15.92	74.00	Peak
5	*	4825.000	44.06	3.33	47.39	-6.61	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT20 at Channel 2437MHz	Test Voltage	120V/60Hz

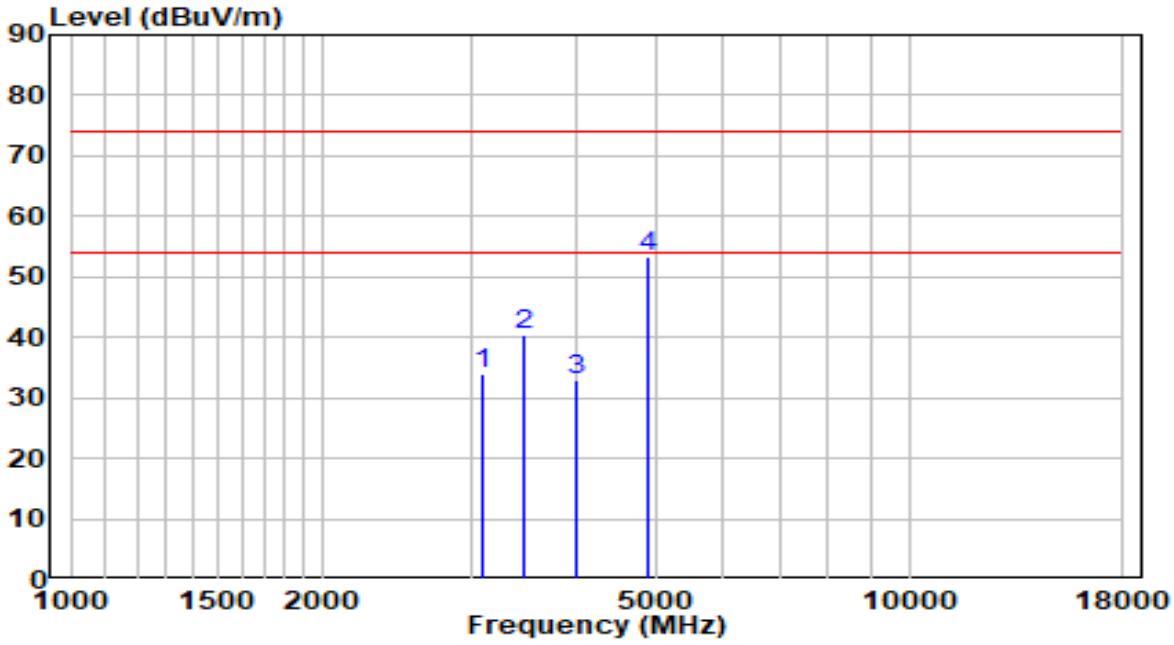


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3074.000	36.50	-2.28	34.22	-39.78	74.00	Peak
2		3482.000	46.55	-0.90	45.65	-28.35	74.00	Peak
3	*	4867.500	46.00	3.43	49.43	-24.57	74.00	Peak
4		7307.000	34.43	11.17	45.60	-28.40	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT20 at Channel 2437MHz	Test Voltage	120V/60Hz

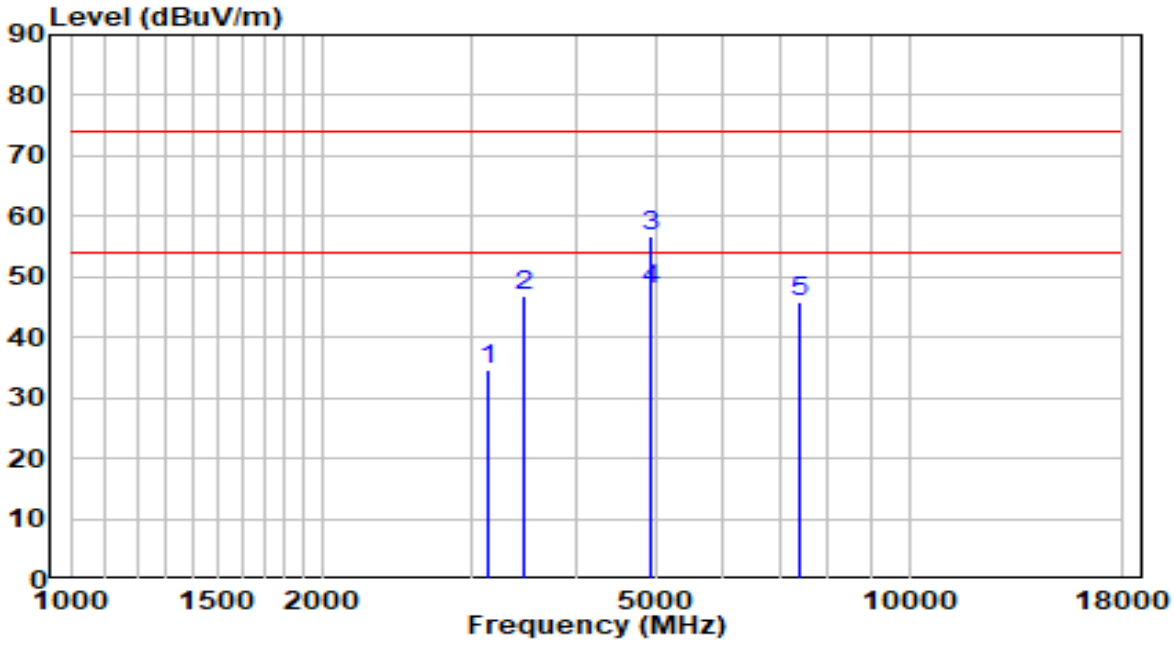


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3091.000	36.31	-2.22	34.09	-39.91	74.00	Peak
2		3482.000	41.18	-0.90	40.28	-33.72	74.00	Peak
3		4000.500	31.92	0.88	32.81	-41.19	74.00	Peak
4	*	4876.000	49.75	3.45	53.21	-20.79	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	120V/60Hz

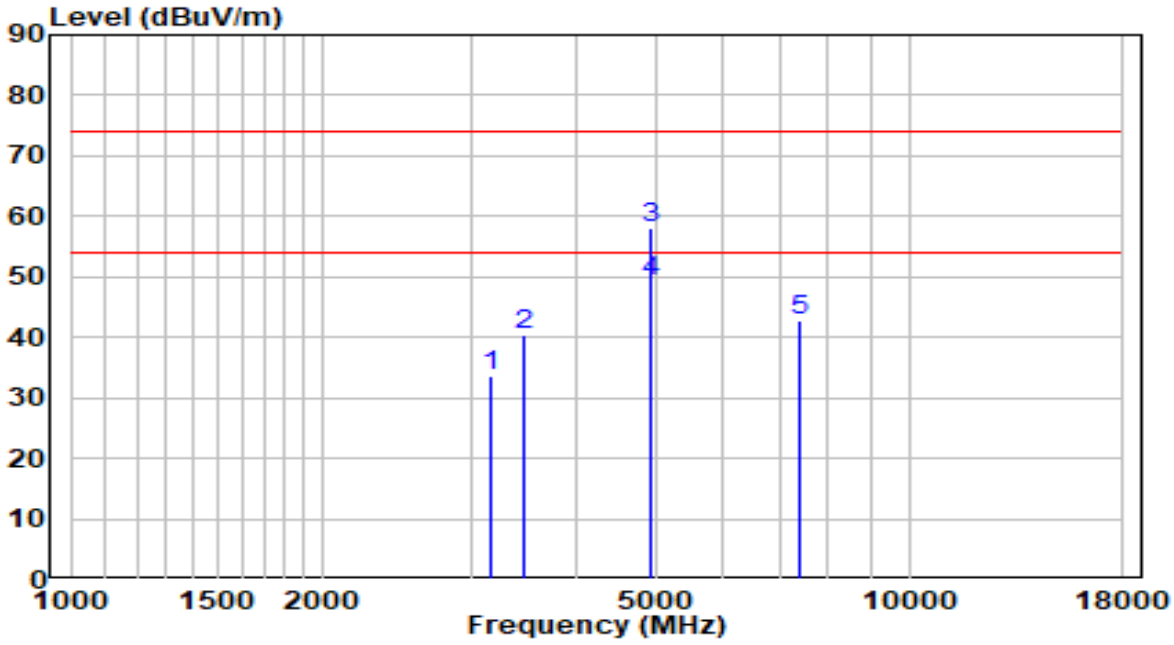


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3142.000	36.69	-2.05	34.64	-39.36	74.00	Peak
2		3482.000	47.93	-0.90	47.02	-26.98	74.00	Peak
3		4918.500	53.26	3.55	56.82	-17.18	74.00	Peak
4	*	4918.500	44.35	3.55	47.90	-6.10	54.00	Average
5		7392.000	34.58	11.41	45.98	-28.02	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	120V/60Hz

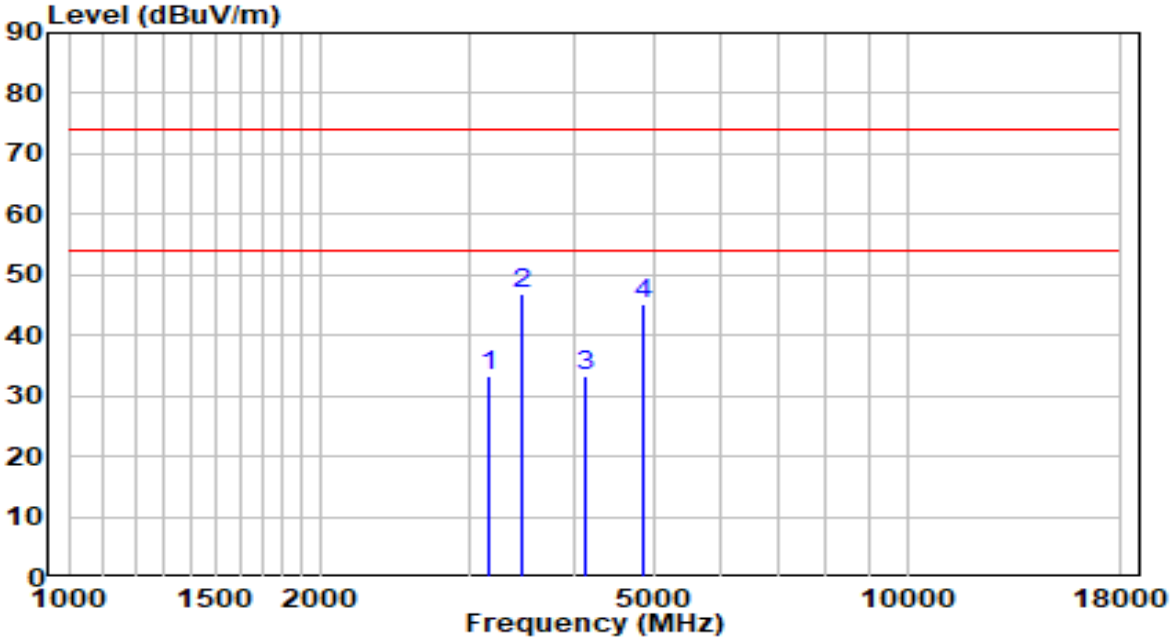


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3159.000	35.68	-1.99	33.69	-40.31	74.00	Peak
2		3482.000	41.46	-0.90	40.56	-33.44	74.00	Peak
3		4927.000	54.58	3.57	58.15	-15.85	74.00	Peak
4	*	4927.000	45.52	3.57	49.09	-4.91	54.00	Average
5		7383.500	31.48	11.39	42.87	-31.13	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT40 at Channel 2422MHz	Test Voltage	120V/60Hz

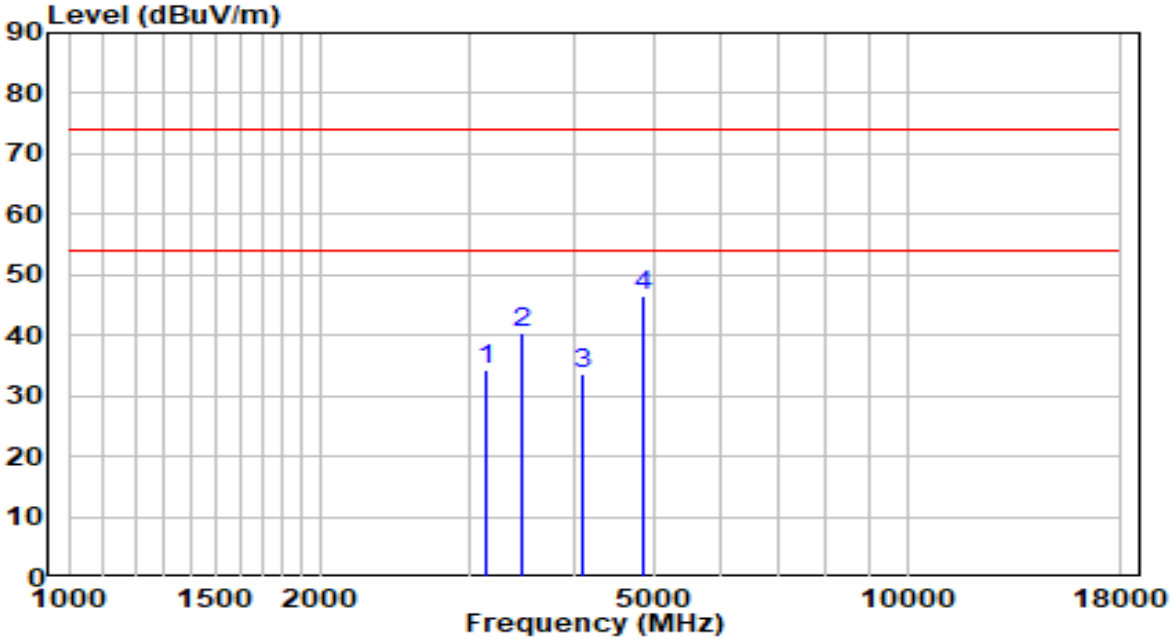


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3159.000	35.42	-1.99	33.43	-40.57	74.00	Peak
2	*	3482.000	47.86	-0.90	46.96	-27.04	74.00	Peak
3		4128.000	32.02	1.31	33.33	-40.67	74.00	Peak
4		4833.500	41.71	3.35	45.06	-28.94	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT40 at Channel 2422MHz	Test Voltage	120V/60Hz

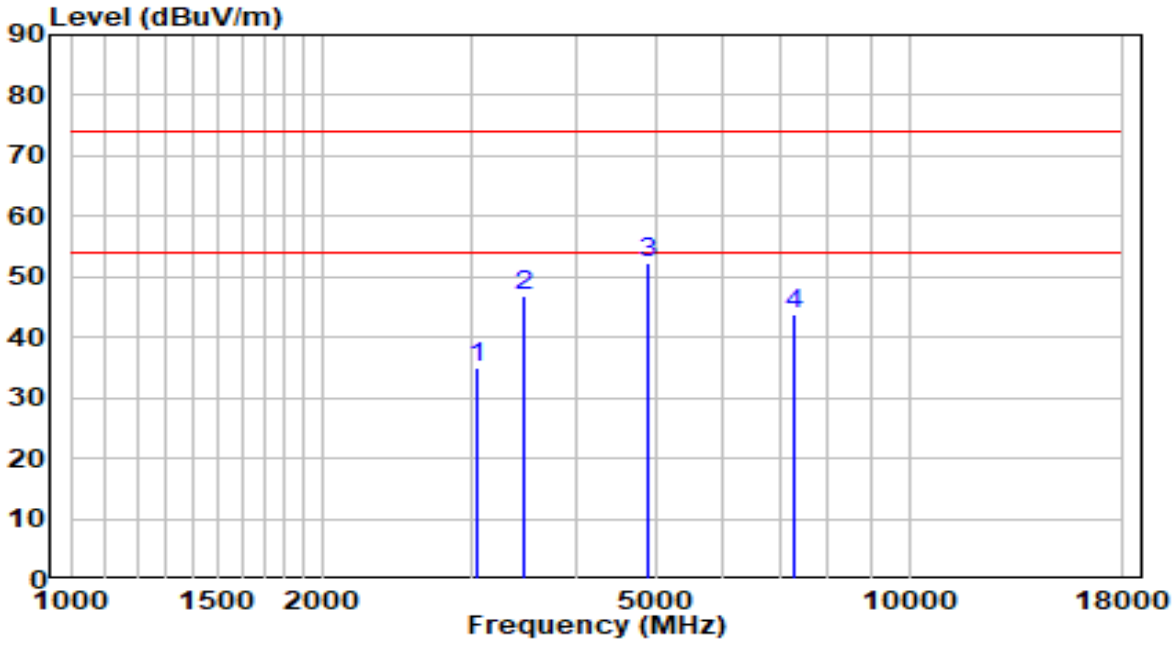


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3150.500	36.22	-2.02	34.20	-39.80	74.00	Peak
2		3482.000	41.38	-0.90	40.47	-33.53	74.00	Peak
3		4111.000	32.34	1.25	33.59	-40.41	74.00	Peak
4	*	4842.000	43.28	3.37	46.66	-27.34	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT40 at Channel 2437MHz	Test Voltage	120V/60Hz

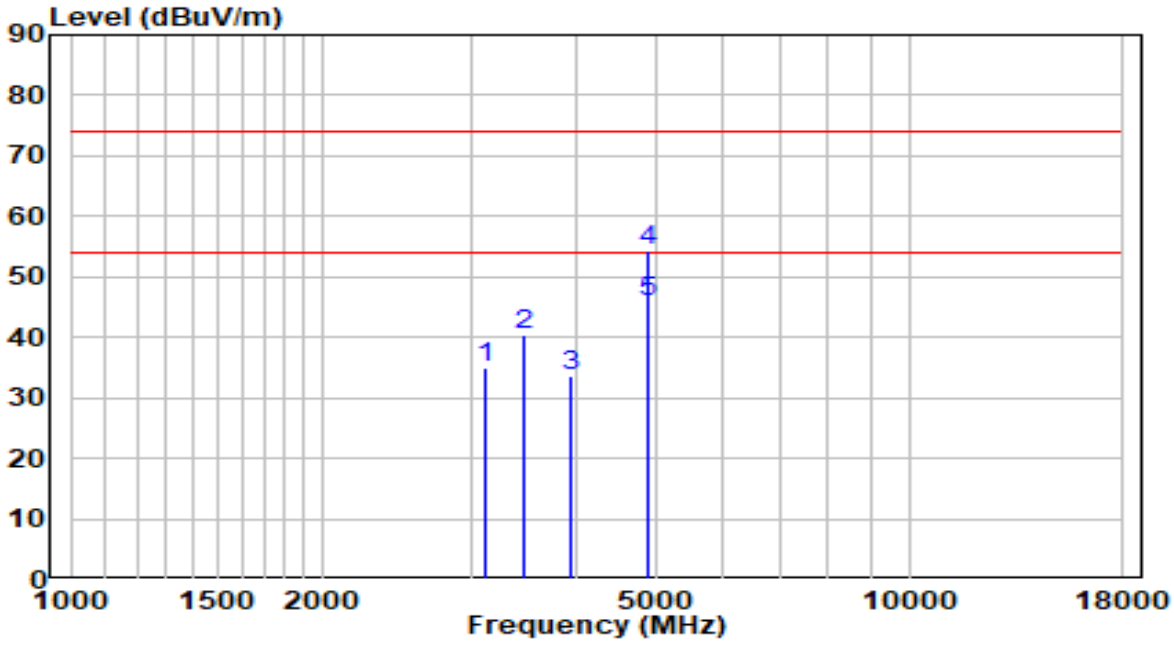


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3057.000	37.20	-2.34	34.86	-39.14	74.00	Peak
2		3482.000	47.75	-0.90	46.85	-27.15	74.00	Peak
3	*	4876.000	48.69	3.45	52.14	-21.86	74.00	Peak
4		7307.000	32.56	11.17	43.73	-30.27	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT40 at Channel 2437MHz	Test Voltage	120V/60Hz

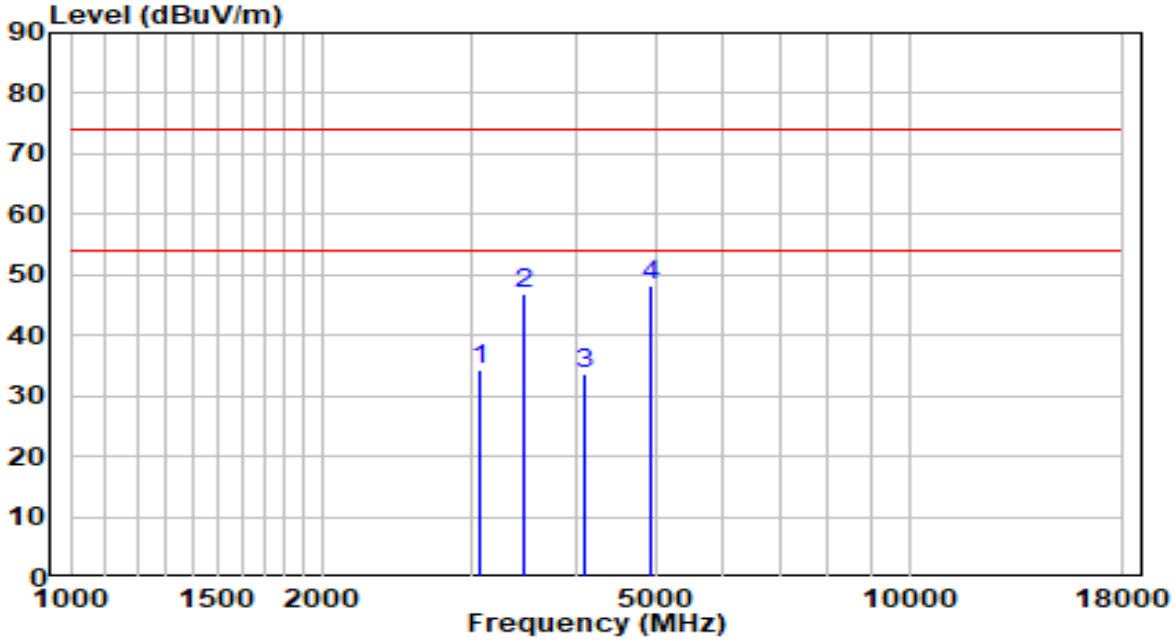


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3133.500	37.19	-2.08	35.11	-38.89	74.00	Peak
2		3482.000	41.42	-0.90	40.52	-33.48	74.00	Peak
3		3949.500	32.79	0.71	33.50	-40.50	74.00	Peak
4		4876.000	50.97	3.45	54.42	-19.58	74.00	Peak
5	*	4876.000	42.34	3.45	45.79	-8.21	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT40 at Channel 2452MHz	Test Voltage	120V/60Hz

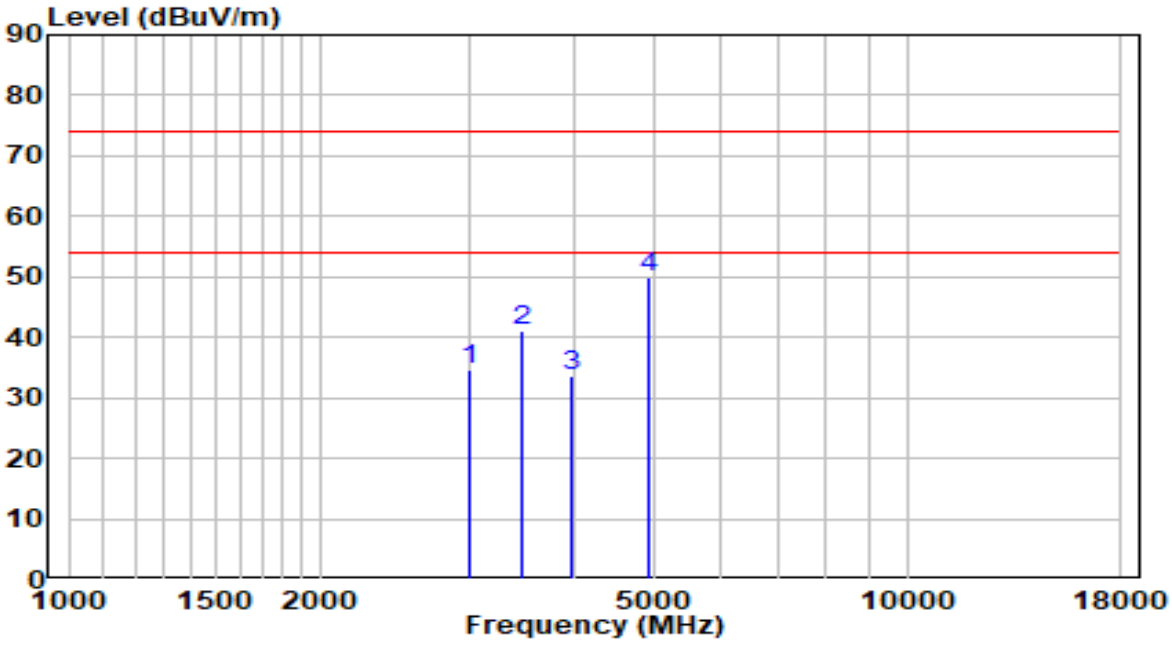


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3065.500	36.77	-2.31	34.46	-39.54	74.00	Peak
2		3482.000	47.93	-0.90	47.03	-26.97	74.00	Peak
3		4111.000	32.43	1.25	33.69	-40.31	74.00	Peak
4	*	4910.000	44.69	3.53	48.22	-25.78	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT40 at Channel 2452MHz	Test Voltage	120V/60Hz

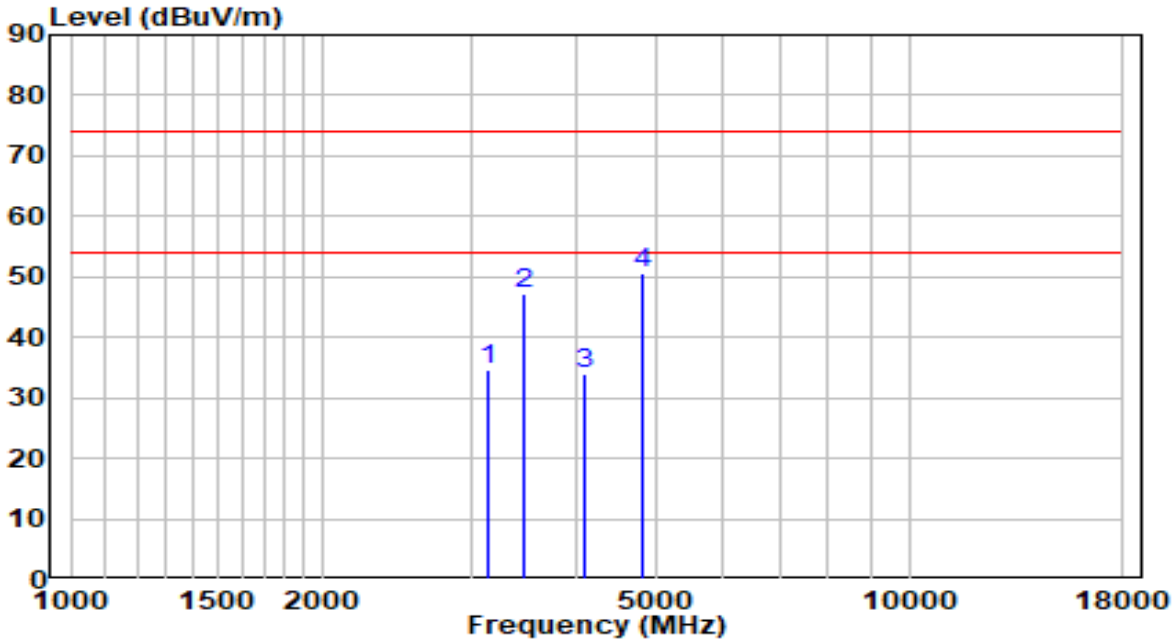


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3014.500	36.96	-2.48	34.48	-39.52	74.00	Peak
2		3482.000	41.92	-0.90	41.02	-32.98	74.00	Peak
3		3975.000	32.75	0.79	33.54	-40.46	74.00	Peak
4	*	4910.000	46.38	3.53	49.91	-24.09	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT20 at Channel 2412MHz	Test Voltage	120V/60Hz

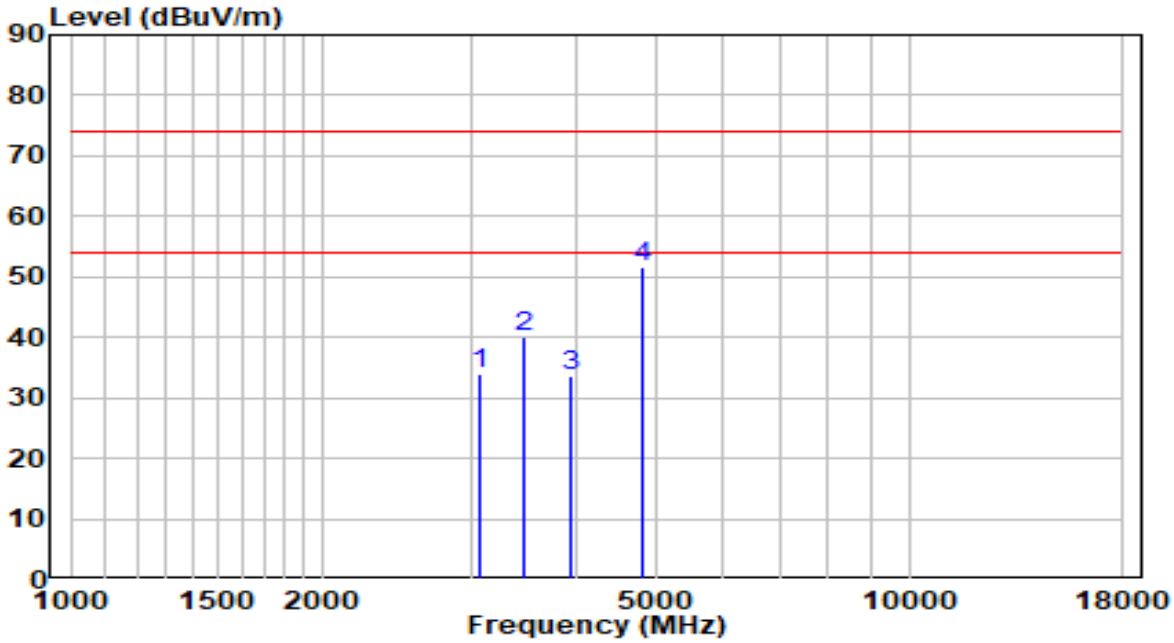


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3150.500	36.80	-2.02	34.78	-39.22	74.00	Peak
2		3482.000	48.10	-0.90	47.20	-26.80	74.00	Peak
3		4111.000	32.59	1.25	33.84	-40.16	74.00	Peak
4	*	4825.000	47.32	3.33	50.65	-23.35	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT20 at Channel 2412MHz	Test Voltage	120V/60Hz

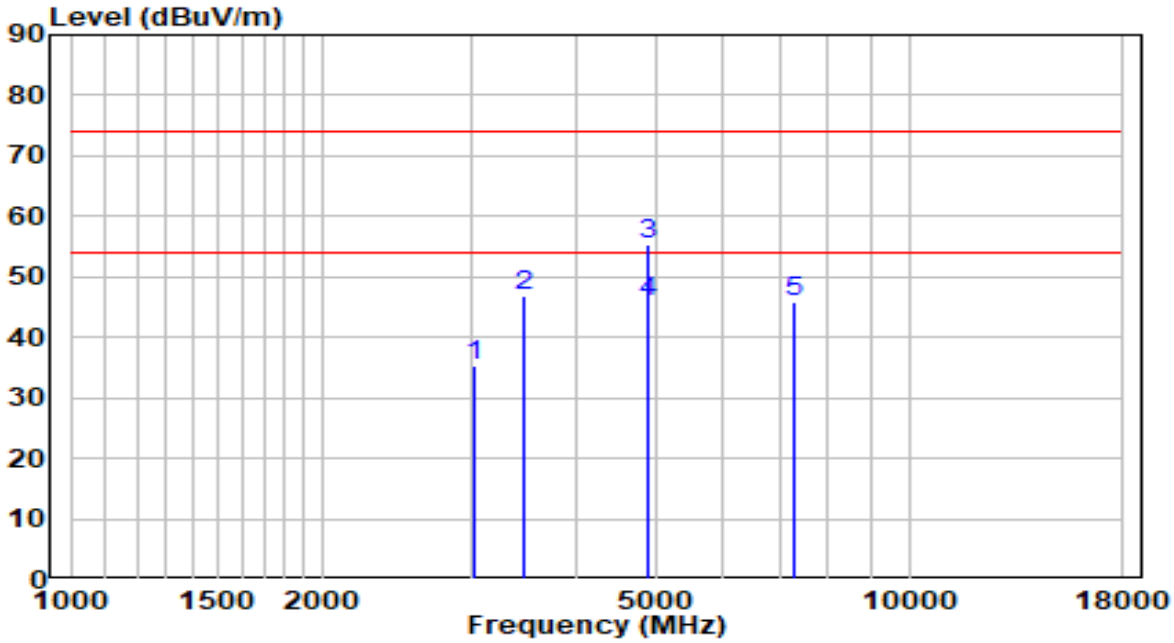


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3082.500	36.07	-2.25	33.82	-40.18	74.00	Peak
2		3482.000	40.91	-0.90	40.01	-33.99	74.00	Peak
3		3958.000	32.99	0.74	33.73	-40.27	74.00	Peak
4	*	4825.000	48.23	3.33	51.56	-22.44	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT20 at Channel 2437MHz	Test Voltage	120V/60Hz

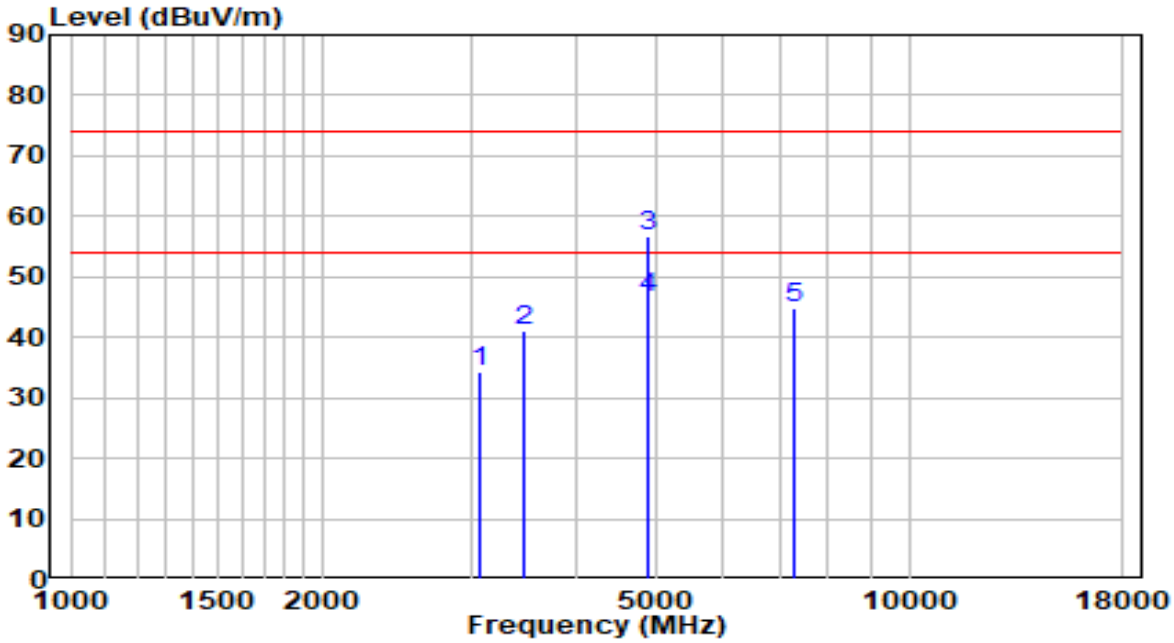


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3023.000	37.74	-2.45	35.28	-38.72	74.00	Peak
2		3482.000	47.66	-0.90	46.76	-27.24	74.00	Peak
3		4876.000	51.94	3.45	55.40	-18.60	74.00	Peak
4	*	4876.000	42.43	3.45	45.88	-8.12	54.00	Average
5		7307.000	34.73	11.17	45.90	-28.10	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT20 at Channel 2437MHz	Test Voltage	120V/60Hz

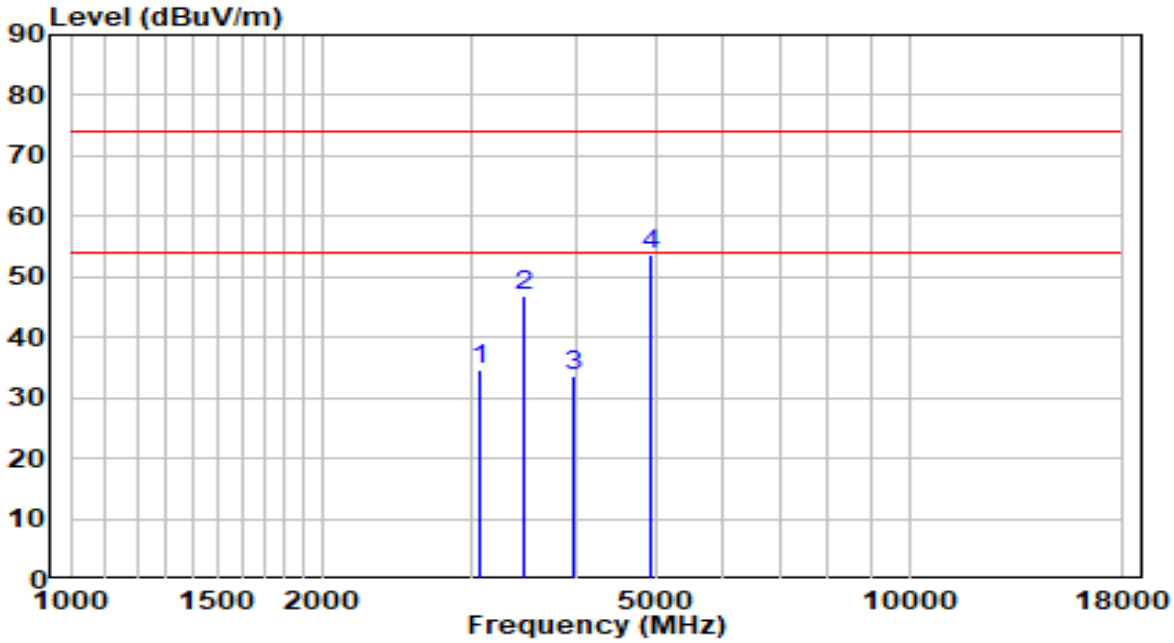


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3082.500	36.60	-2.25	34.35	-39.65	74.00	Peak
2		3482.000	41.87	-0.90	40.97	-33.03	74.00	Peak
3		4876.000	53.20	3.45	56.65	-17.35	74.00	Peak
4	*	4876.000	43.19	3.45	46.64	-7.36	54.00	Average
5		7307.000	33.56	11.17	44.73	-29.27	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT20 at Channel 2462MHz	Test Voltage	120V/60Hz

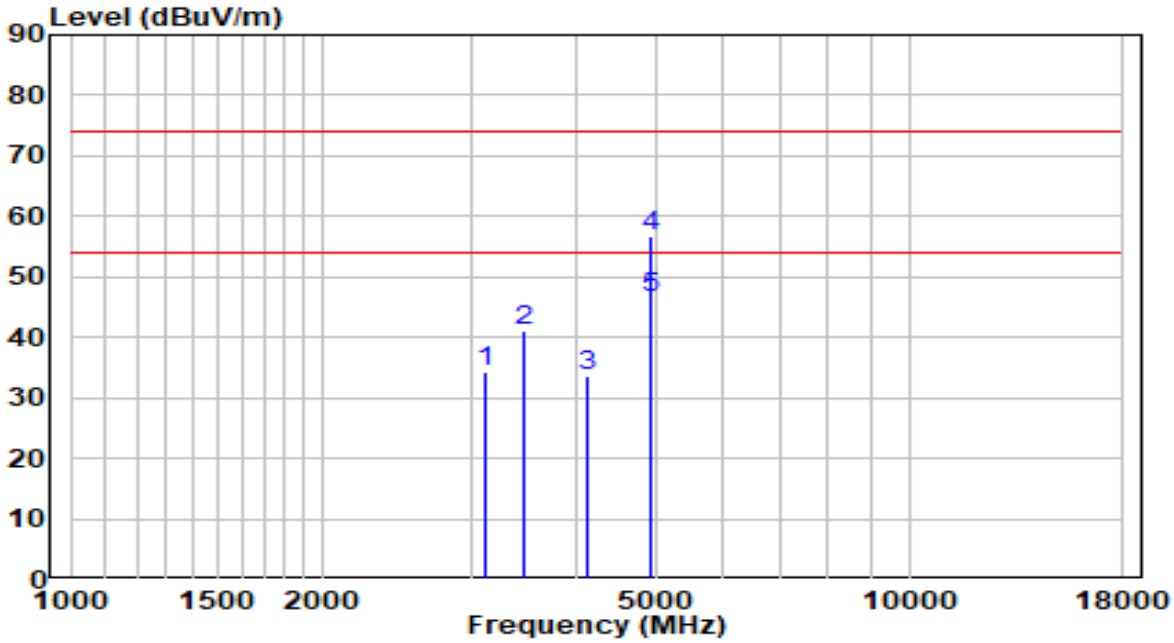


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3074.000	36.83	-2.28	34.55	-39.45	74.00	Peak
2		3482.000	47.85	-0.90	46.95	-27.05	74.00	Peak
3		3966.500	32.98	0.76	33.74	-40.26	74.00	Peak
4	*	4927.000	50.02	3.57	53.60	-20.40	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT20 at Channel 2462MHz	Test Voltage	120V/60Hz

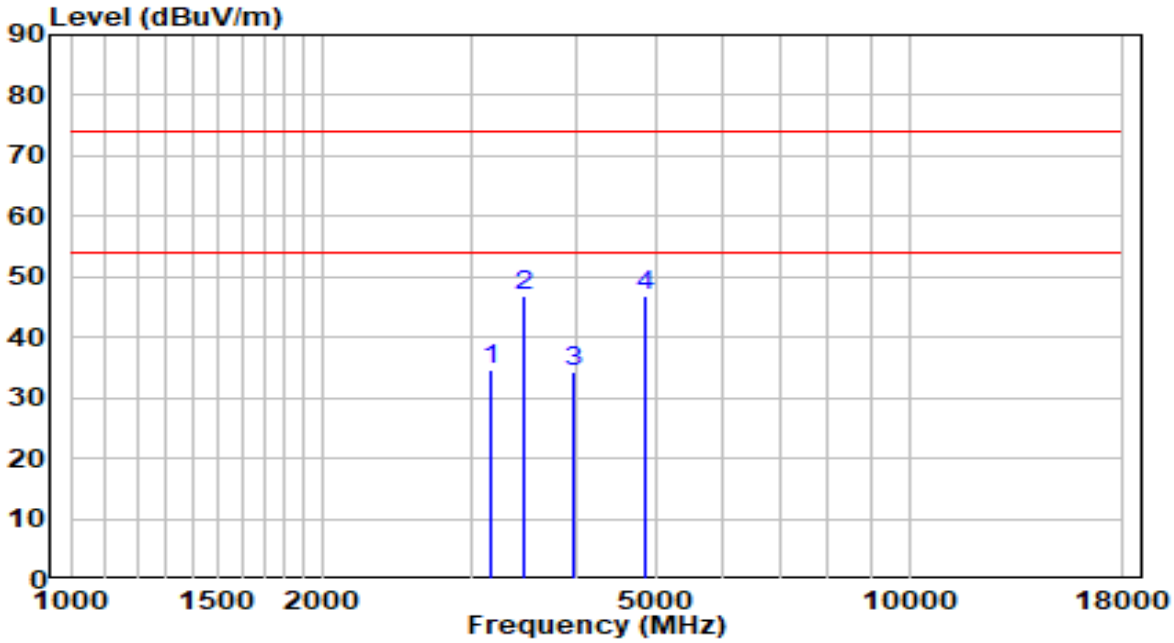


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3116.500	36.39	-2.14	34.25	-39.75	74.00	Peak
2		3482.000	42.09	-0.90	41.19	-32.81	74.00	Peak
3		4119.500	32.43	1.28	33.71	-40.29	74.00	Peak
4		4918.500	53.15	3.55	56.70	-17.30	74.00	Peak
5	*	4918.500	43.04	3.55	46.59	-7.41	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT40 at Channel 2422MHz	Test Voltage	120V/60Hz

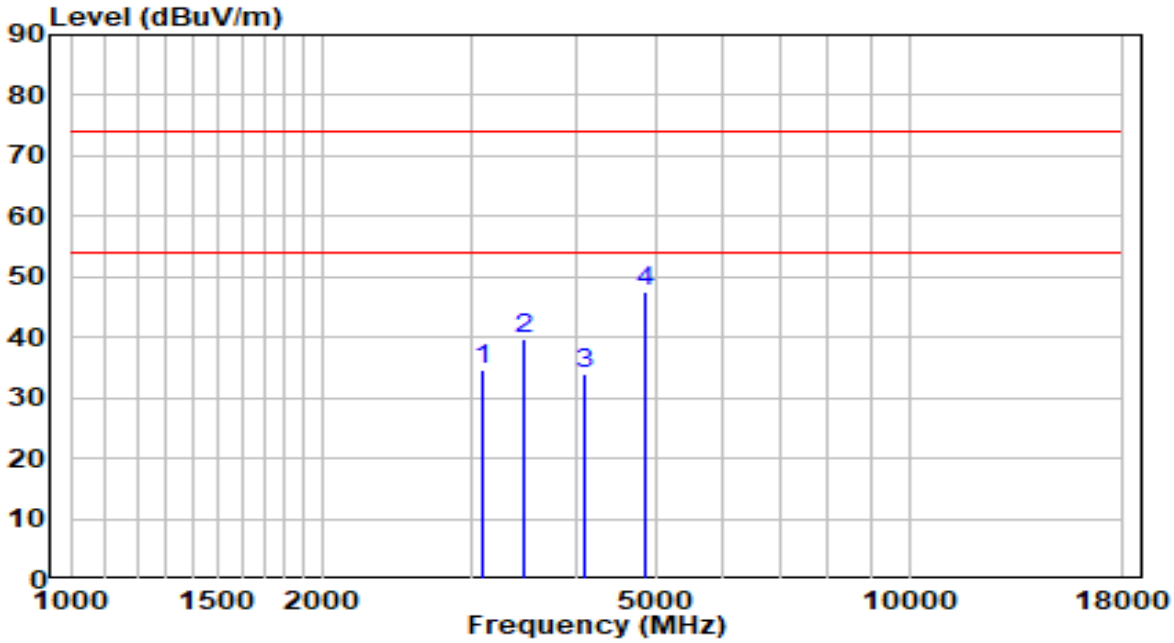


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3159.000	36.77	-1.99	34.78	-39.22	74.00	Peak
2		3482.000	47.74	-0.90	46.83	-27.17	74.00	Peak
3		3983.500	33.46	0.82	34.28	-39.72	74.00	Peak
4	*	4833.500	43.64	3.35	46.99	-27.01	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT40 at Channel 2422MHz	Test Voltage	120V/60Hz

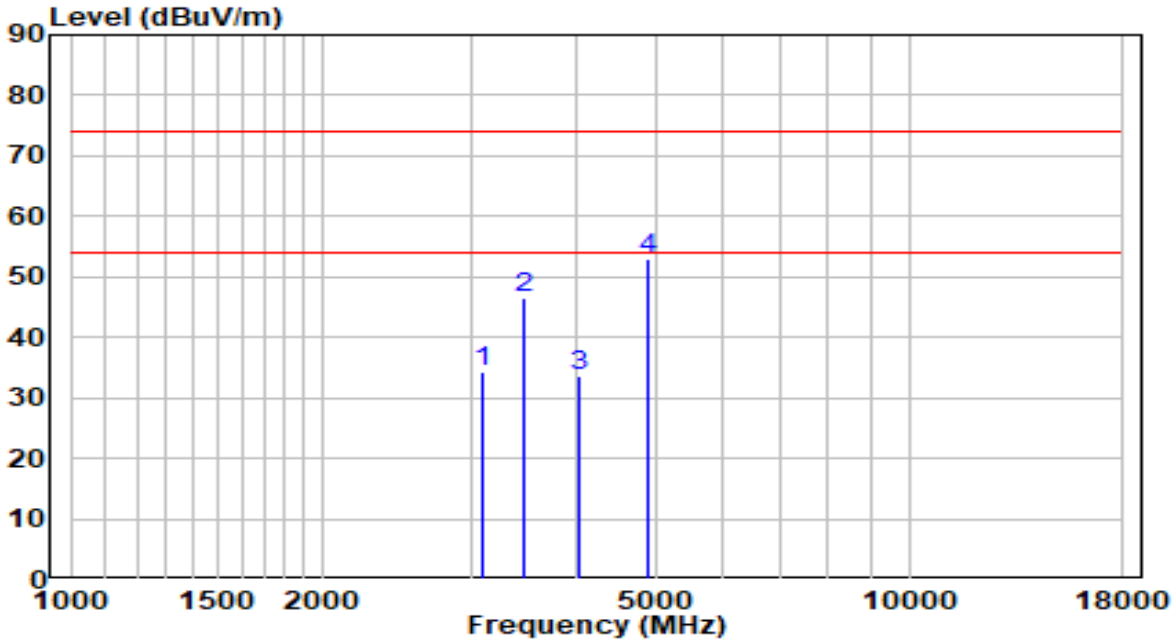


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3108.000	36.90	-2.16	34.74	-39.26	74.00	Peak
2		3482.000	40.78	-0.90	39.88	-34.12	74.00	Peak
3		4102.500	32.86	1.22	34.08	-39.92	74.00	Peak
4	*	4859.000	44.24	3.41	47.65	-26.35	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT40 at Channel 2437MHz	Test Voltage	120V/60Hz

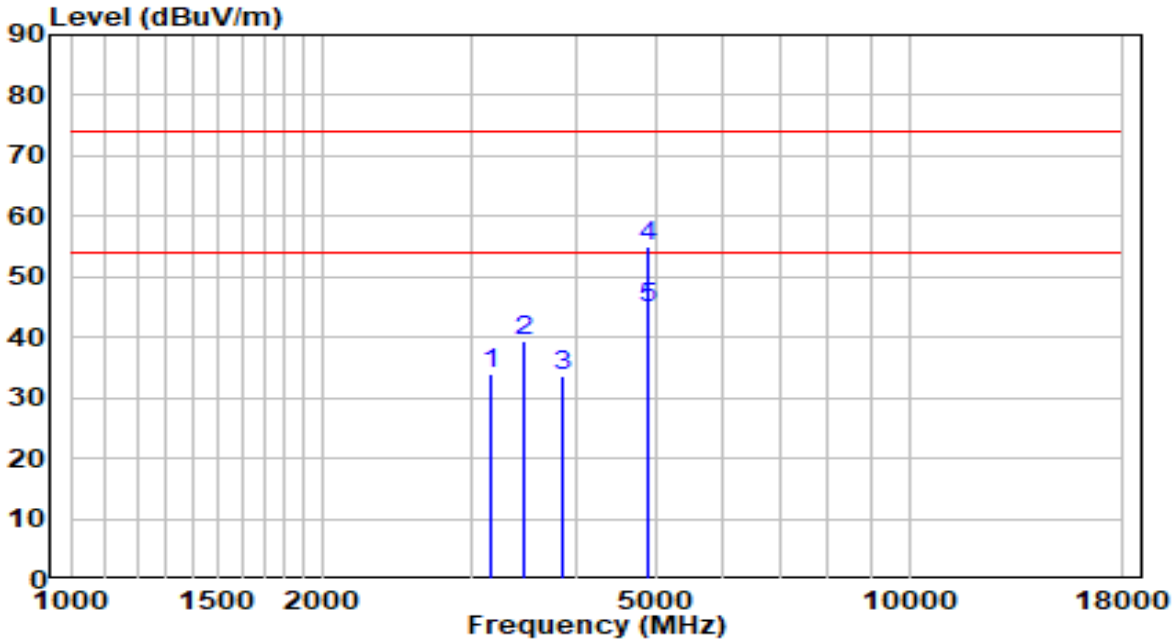


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3099.500	36.33	-2.19	34.14	-39.86	74.00	Peak
2		3482.000	47.37	-0.90	46.47	-27.53	74.00	Peak
3		4043.000	32.75	1.02	33.77	-40.23	74.00	Peak
4	*	4893.000	49.35	3.49	52.84	-21.16	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT40 at Channel 2437MHz	Test Voltage	120V/60Hz

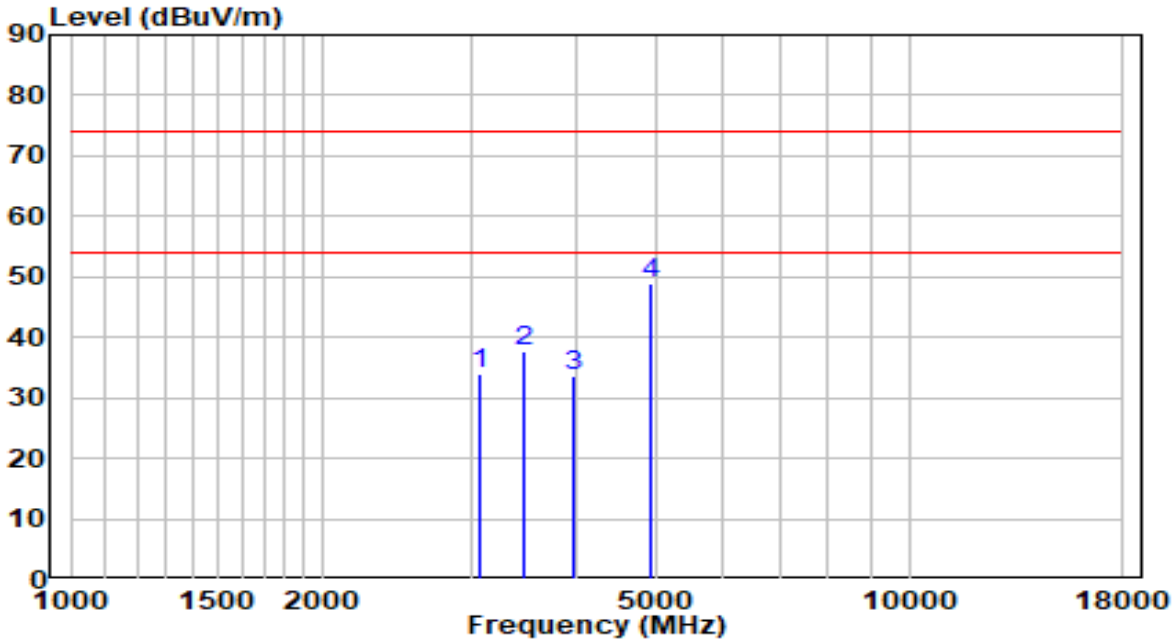


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3167.500	35.93	-1.96	33.97	-40.03	74.00	Peak
2		3482.000	40.41	-0.90	39.51	-34.49	74.00	Peak
3		3864.500	33.09	0.41	33.50	-40.50	74.00	Peak
4		4876.000	51.43	3.45	54.88	-19.12	74.00	Peak
5	*	4876.000	41.47	3.45	44.92	-9.08	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT40 at Channel 2452MHz	Test Voltage	120V/60Hz

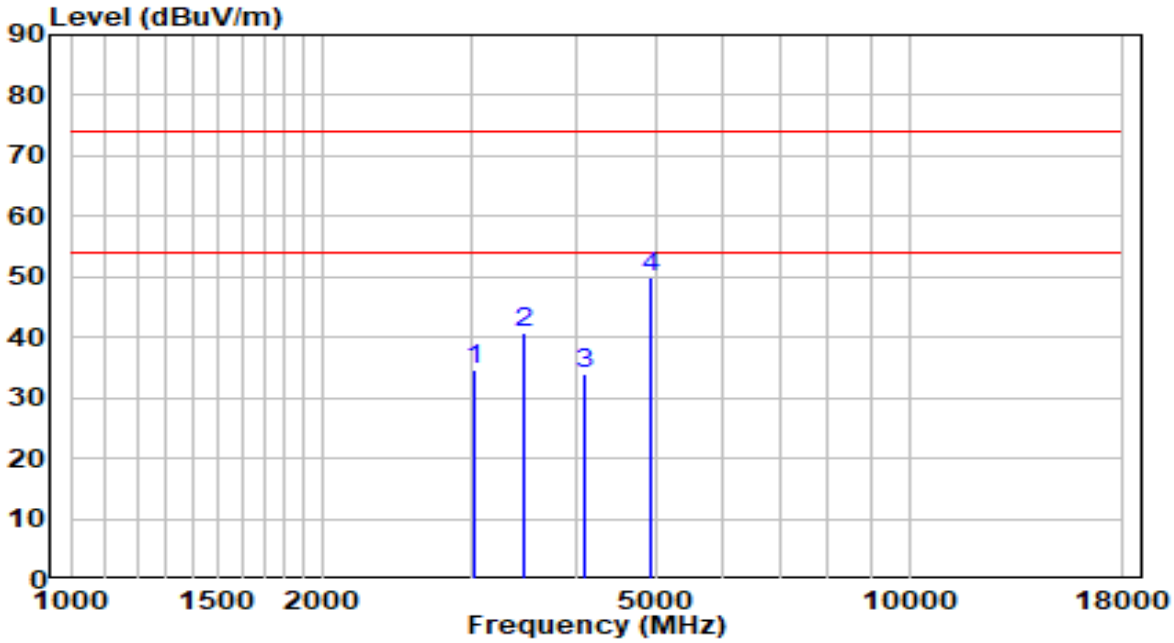


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3065.500	36.29	-2.31	33.99	-40.01	74.00	Peak
2		3482.000	38.52	-0.90	37.62	-36.38	74.00	Peak
3		3992.000	32.75	0.85	33.60	-40.40	74.00	Peak
4	*	4910.000	45.48	3.53	49.02	-24.98	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT40 at Channel 2452MHz	Test Voltage	120V/60Hz

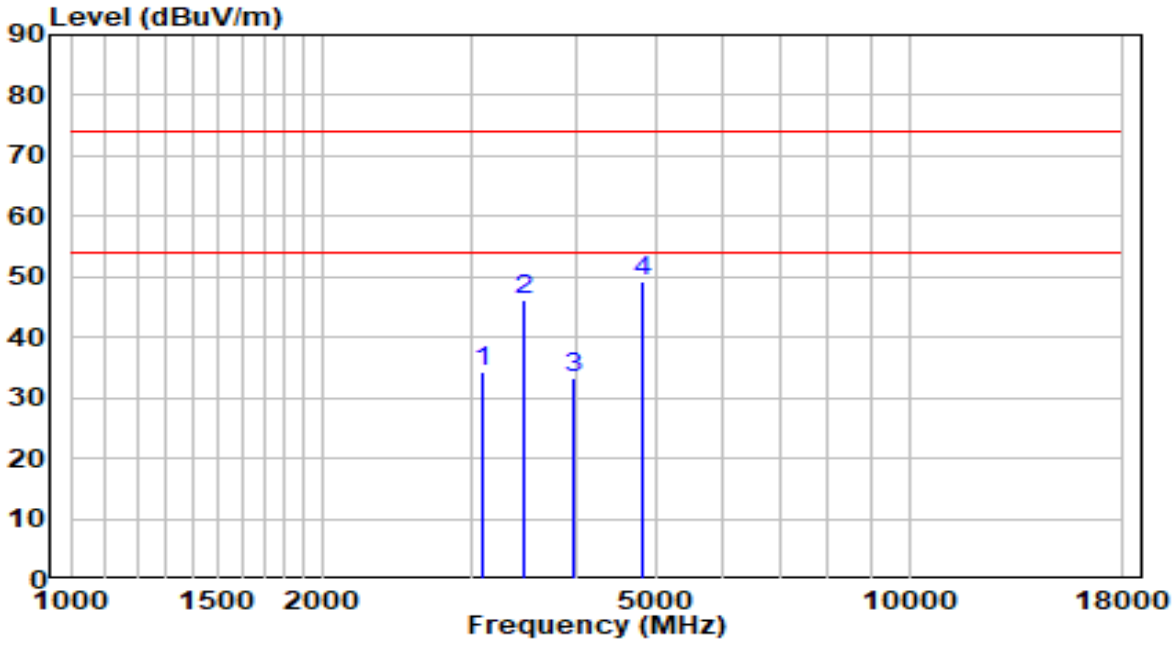


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3040.000	36.89	-2.39	34.49	-39.51	74.00	Peak
2		3482.000	41.73	-0.90	40.83	-33.17	74.00	Peak
3		4111.000	32.78	1.25	34.03	-39.97	74.00	Peak
4	*	4918.500	46.47	3.55	50.02	-23.98	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at Channel 2412MHz	Test Voltage	120V/60Hz

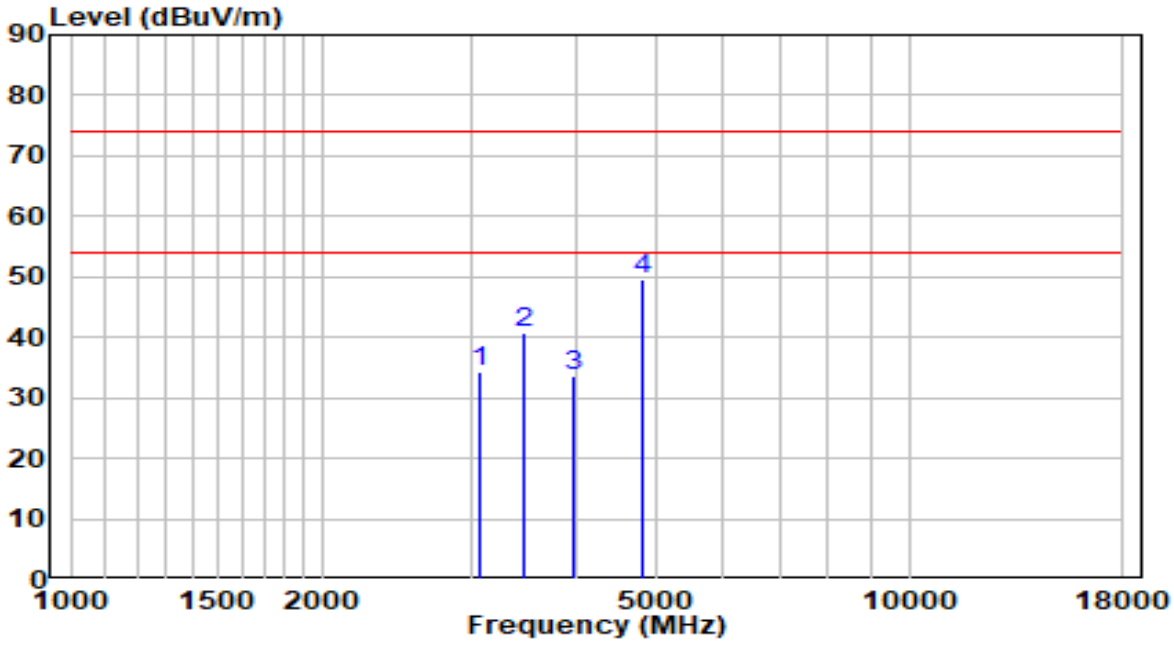


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3091.000	36.40	-2.22	34.17	-39.83	74.00	Peak
2		3482.000	47.19	-0.90	46.29	-27.71	74.00	Peak
3		3975.000	32.53	0.79	33.32	-40.68	74.00	Peak
4	*	4825.000	45.94	3.33	49.27	-24.73	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at Channel 2412MHz	Test Voltage	120V/60Hz

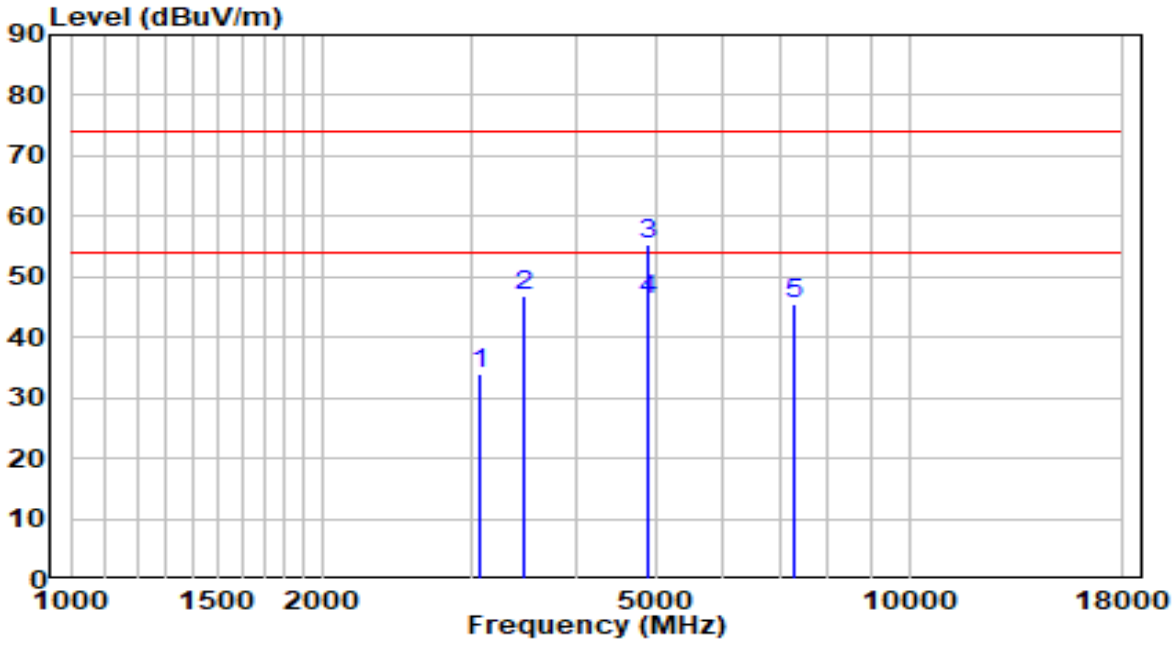


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3074.000	36.65	-2.28	34.37	-39.63	74.00	Peak
2		3482.000	41.57	-0.90	40.67	-33.33	74.00	Peak
3		3966.500	32.85	0.76	33.62	-40.38	74.00	Peak
4	*	4825.000	46.15	3.33	49.48	-24.52	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at Channel 2437MHz	Test Voltage	120V/60Hz

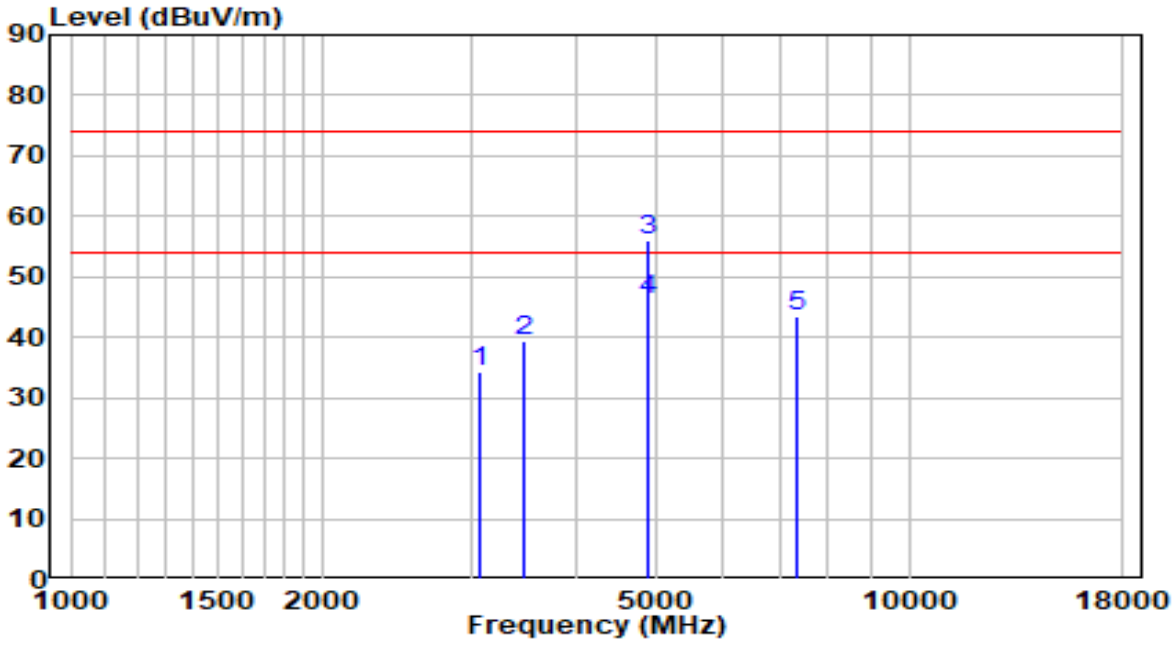


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3065.500	36.30	-2.31	33.99	-40.01	74.00	Peak
2		3482.000	47.62	-0.90	46.72	-27.28	74.00	Peak
3		4867.500	51.89	3.43	55.32	-18.68	74.00	Peak
4	*	4867.500	42.68	3.43	46.11	-7.89	54.00	Average
5		7298.500	34.42	11.14	45.56	-28.44	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at Channel 2437MHz	Test Voltage	120V/60Hz

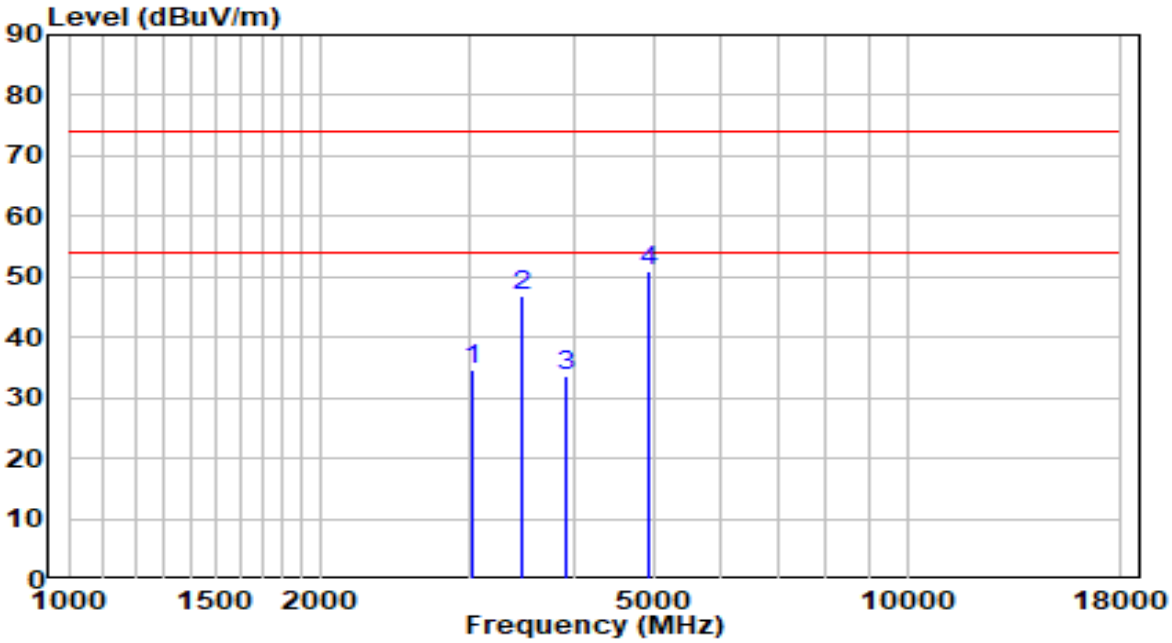


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3074.000	36.60	-2.28	34.32	-39.68	74.00	Peak
2		3482.000	40.27	-0.90	39.37	-34.63	74.00	Peak
3		4876.000	52.69	3.45	56.14	-17.86	74.00	Peak
4	*	4876.000	42.78	3.45	46.23	-7.77	54.00	Average
5		7324.000	32.29	11.22	43.51	-30.49	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at Channel 2462MHz	Test Voltage	120V/60Hz

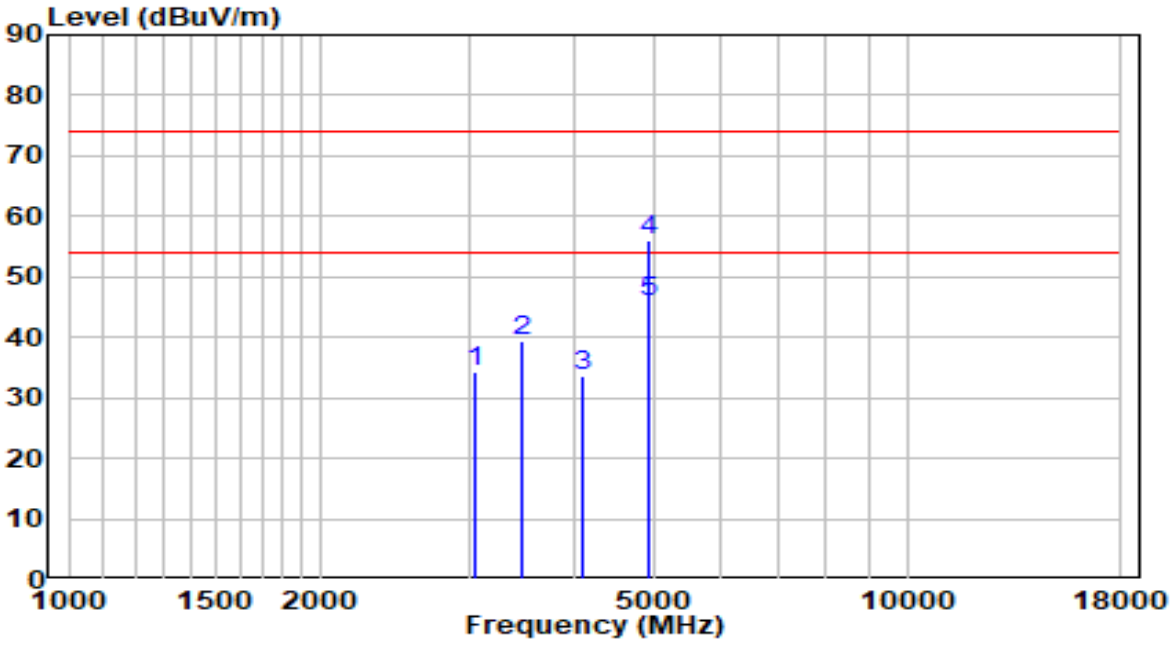


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3023.000	37.24	-2.45	34.79	-39.21	74.00	Peak
2		3482.000	47.64	-0.90	46.74	-27.26	74.00	Peak
3		3907.000	33.07	0.56	33.63	-40.37	74.00	Peak
4	*	4918.500	47.35	3.55	50.91	-23.09	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at Channel 2462MHz	Test Voltage	120V/60Hz

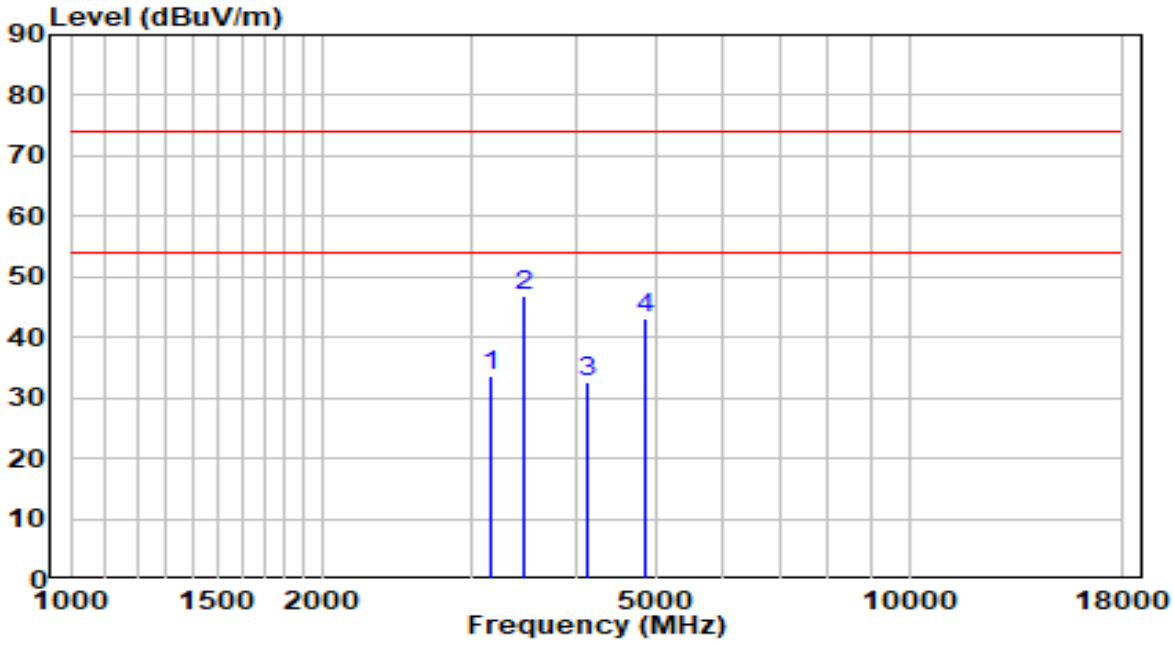


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3048.500	36.66	-2.37	34.29	-39.71	74.00	Peak
2		3482.000	40.16	-0.90	39.26	-34.74	74.00	Peak
3		4111.000	32.45	1.25	33.71	-40.29	74.00	Peak
4		4927.000	52.46	3.57	56.03	-17.97	74.00	Peak
5	*	4927.000	42.15	3.57	45.73	-8.27	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE40 at Channel 2422MHz	Test Voltage	120V/60Hz

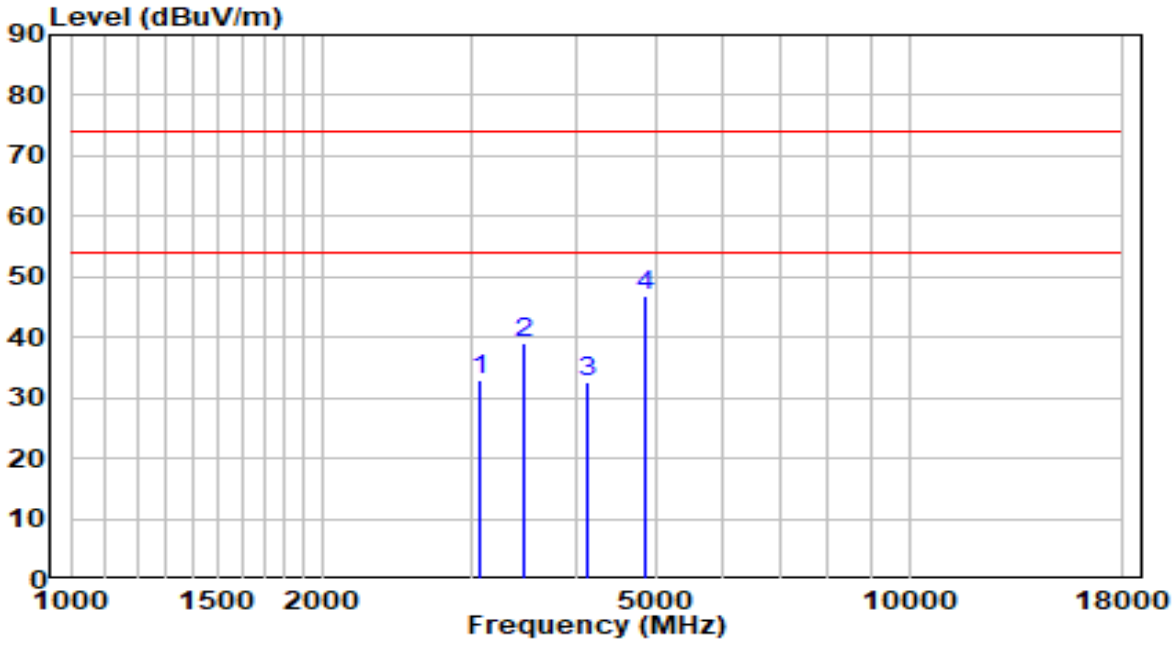


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3167.500	35.46	-1.96	33.50	-40.50	74.00	Peak
2	*	3482.000	47.72	-0.90	46.82	-27.18	74.00	Peak
3		4119.500	31.27	1.28	32.55	-41.45	74.00	Peak
4		4850.500	39.62	3.39	43.02	-30.98	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE40 at Channel 2422MHz	Test Voltage	120V/60Hz

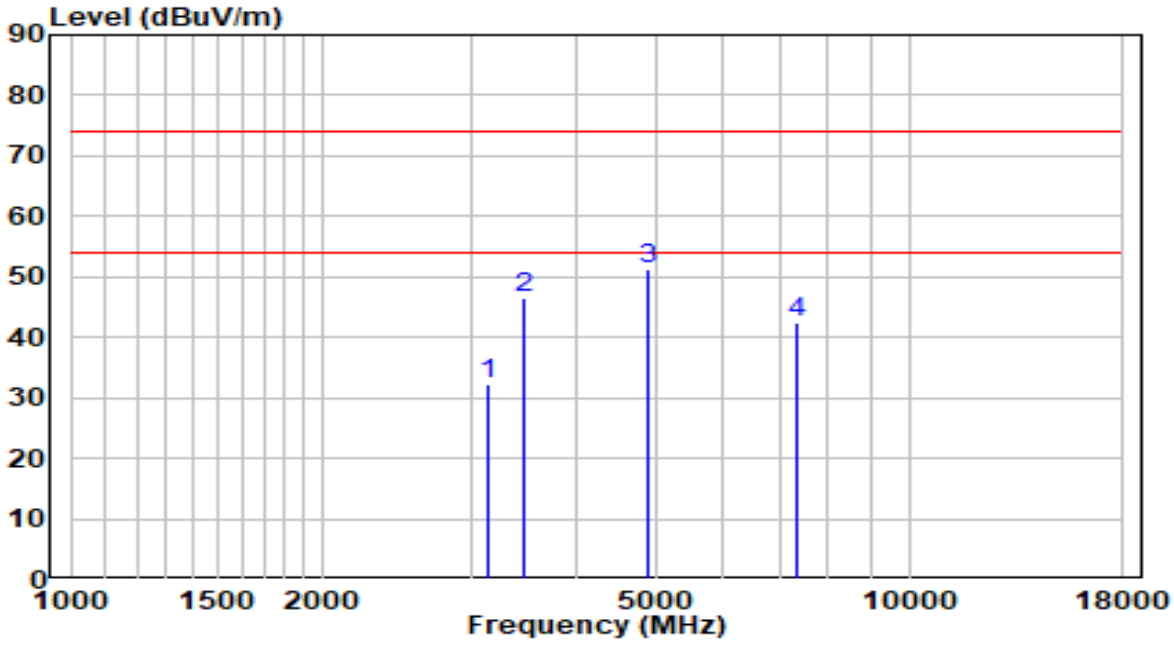


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3082.500	35.35	-2.25	33.10	-40.90	74.00	Peak
2		3482.000	40.12	-0.90	39.22	-34.78	74.00	Peak
3		4128.000	31.39	1.31	32.70	-41.30	74.00	Peak
4	*	4842.000	43.61	3.37	46.98	-27.02	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE40 at Channel 2437MHz	Test Voltage	120V/60Hz

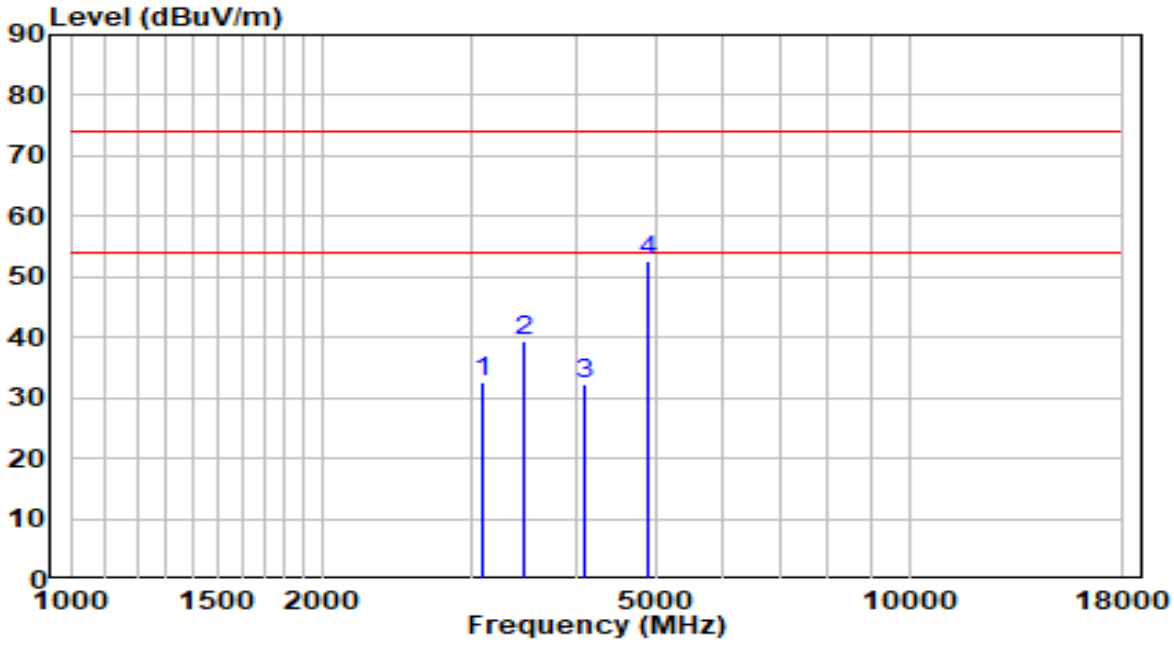


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3142.000	34.32	-2.05	32.27	-41.73	74.00	Peak
2		3482.000	47.31	-0.90	46.40	-27.60	74.00	Peak
3	*	4876.000	47.93	3.45	51.39	-22.61	74.00	Peak
4		7324.000	31.11	11.22	42.33	-31.67	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE40 at Channel 2437MHz	Test Voltage	120V/60Hz

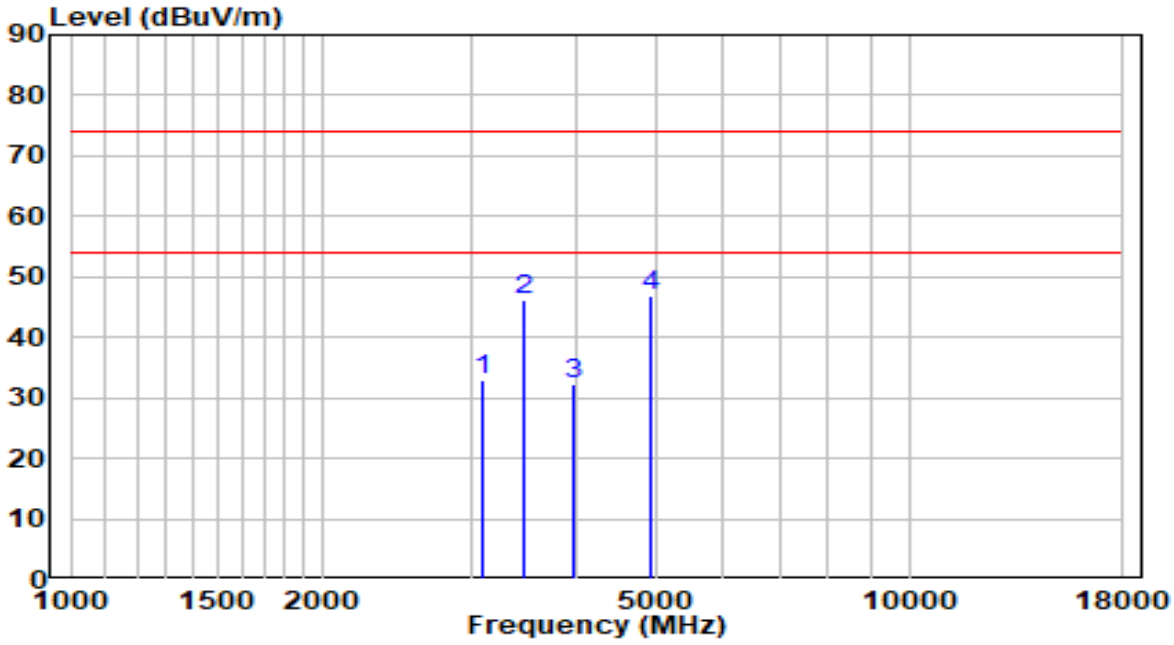


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3099.500	34.63	-2.19	32.44	-41.56	74.00	Peak
2		3482.000	40.21	-0.90	39.31	-34.69	74.00	Peak
3		4102.500	30.98	1.22	32.20	-41.80	74.00	Peak
4	*	4876.000	49.16	3.45	52.62	-21.38	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE40 at Channel 2452MHz	Test Voltage	120V/60Hz

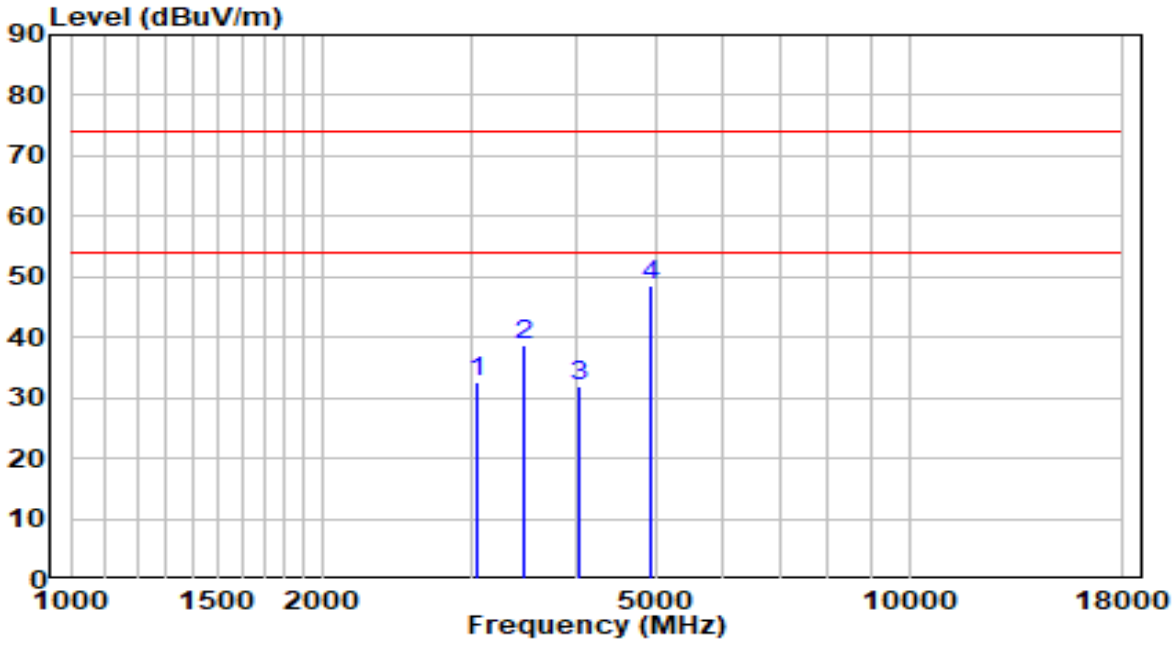


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3108.000	35.03	-2.16	32.87	-41.13	74.00	Peak
2		3482.000	47.16	-0.90	46.26	-27.74	74.00	Peak
3		3983.500	31.41	0.82	32.23	-41.77	74.00	Peak
4	*	4927.000	43.41	3.57	46.98	-27.02	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	22.7℃/35%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE40 at Channel 2452MHz	Test Voltage	120V/60Hz

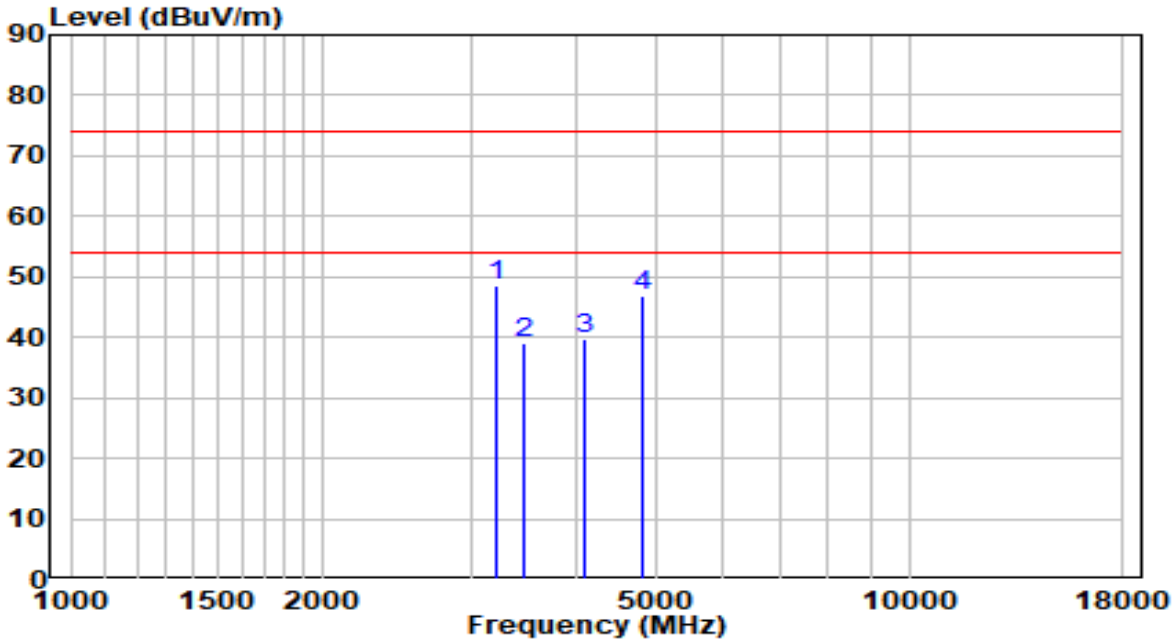


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3048.500	34.86	-2.37	32.49	-41.51	74.00	Peak
2		3482.000	39.51	-0.90	38.61	-35.39	74.00	Peak
3		4051.500	30.90	1.05	31.95	-42.05	74.00	Peak
4	*	4910.000	45.12	3.53	48.66	-25.34	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.6°C/51.3%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2412MHz-Scan Antenna	Test Voltage	120V/60Hz

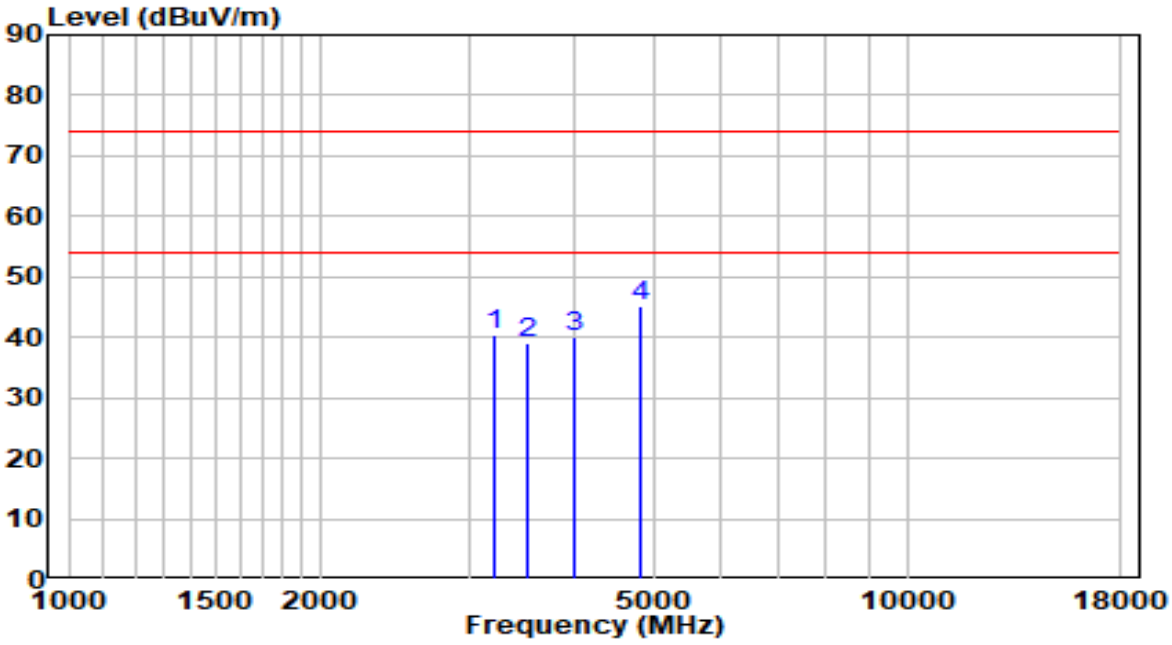


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3218.500	50.30	-1.79	48.51	-25.49	74.00	Peak
2		3473.500	39.88	-0.93	38.95	-35.05	74.00	Peak
3		4111.000	38.38	1.25	39.63	-34.37	74.00	Peak
4		4825.000	43.43	3.33	46.76	-27.24	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.6°C/51.3%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2412MHz-Scan Antenna	Test Voltage	120V/60Hz

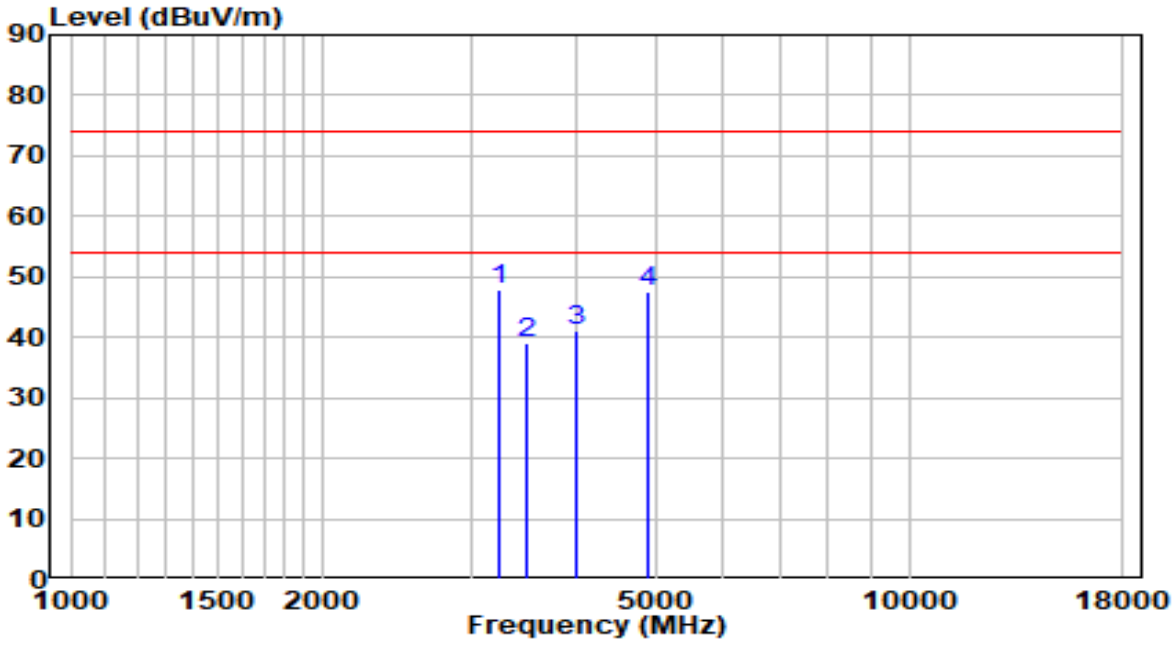


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3218.500	42.09	-1.79	40.30	-33.70	74.00	Peak
2	.	3516.000	39.91	-0.78	39.13	-34.87	74.00	Peak
3		4009.000	39.17	0.91	40.08	-33.92	74.00	Peak
4	*	4825.000	41.91	3.33	45.24	-28.76	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.6°C/51.3%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2437MHz-Scan Antenna	Test Voltage	120V/60Hz

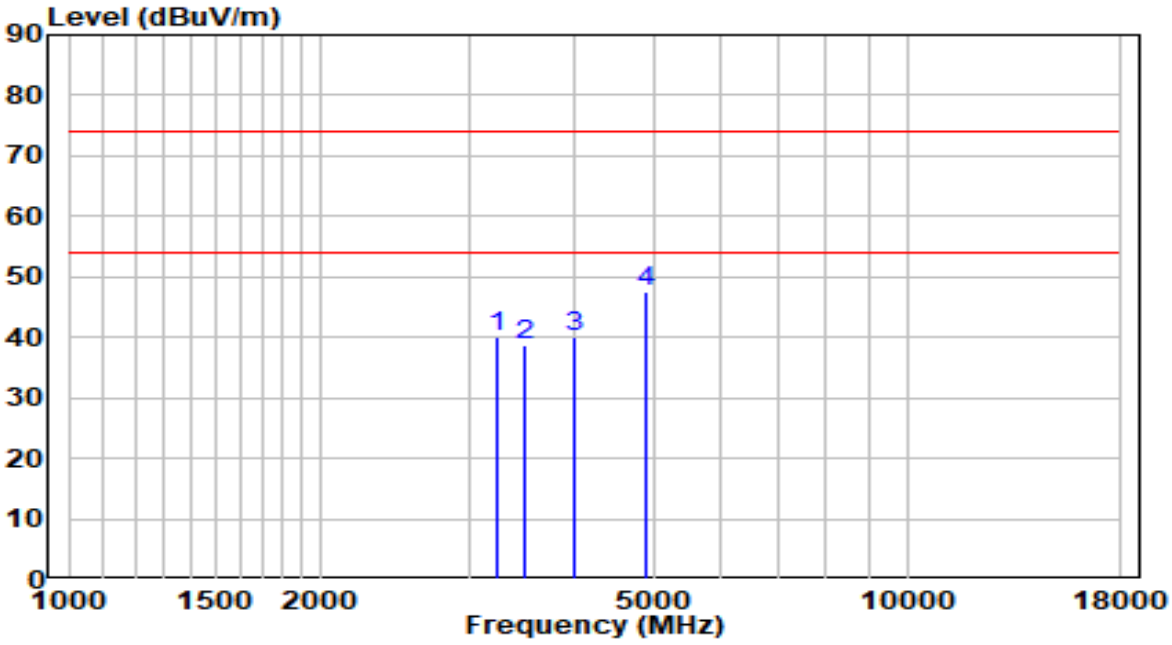


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3252.500	49.71	-1.68	48.04	-25.96	74.00	Peak
2		3507.500	39.99	-0.81	39.18	-34.82	74.00	Peak
3		4000.500	40.06	0.88	40.94	-33.06	74.00	Peak
4		4876.000	44.16	3.45	47.61	-26.39	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.6°C/51.3%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2437MHz-Scan Antenna	Test Voltage	120V/60Hz

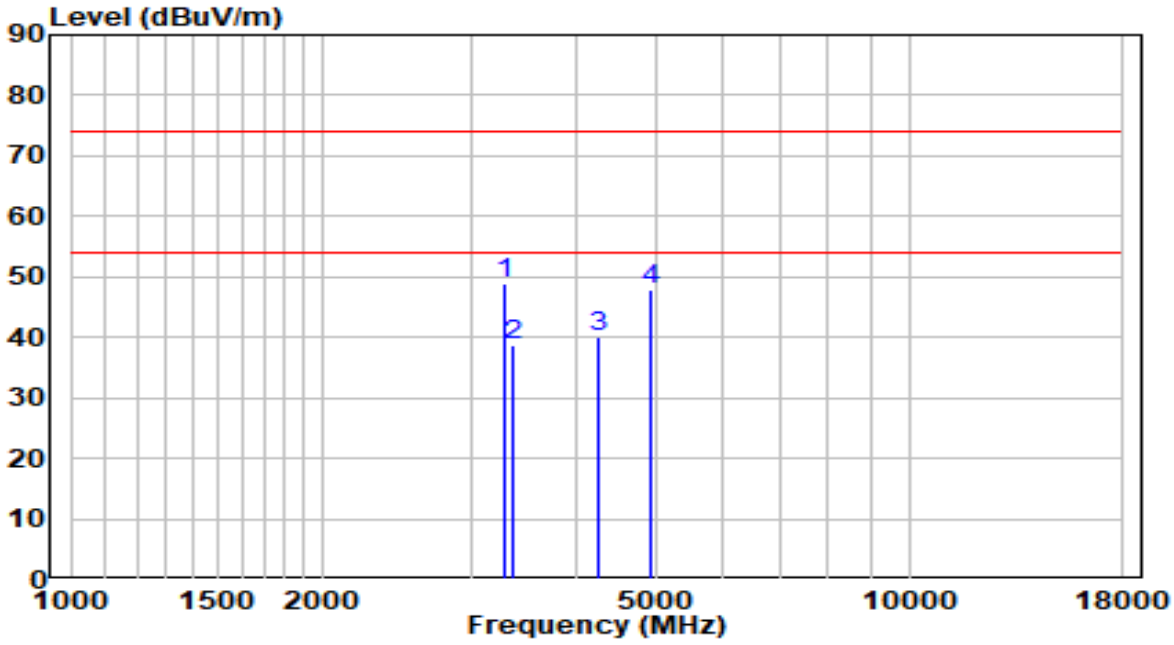


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3252.500	41.71	-1.68	40.04	-33.96	74.00	Peak
2		3490.500	39.51	-0.87	38.64	-35.36	74.00	Peak
3		4017.500	39.19	0.94	40.13	-33.87	74.00	Peak
4	*	4876.000	44.14	3.45	47.59	-26.41	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.6°C/51.3%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2462MHz-Scan Antenna	Test Voltage	120V/60Hz

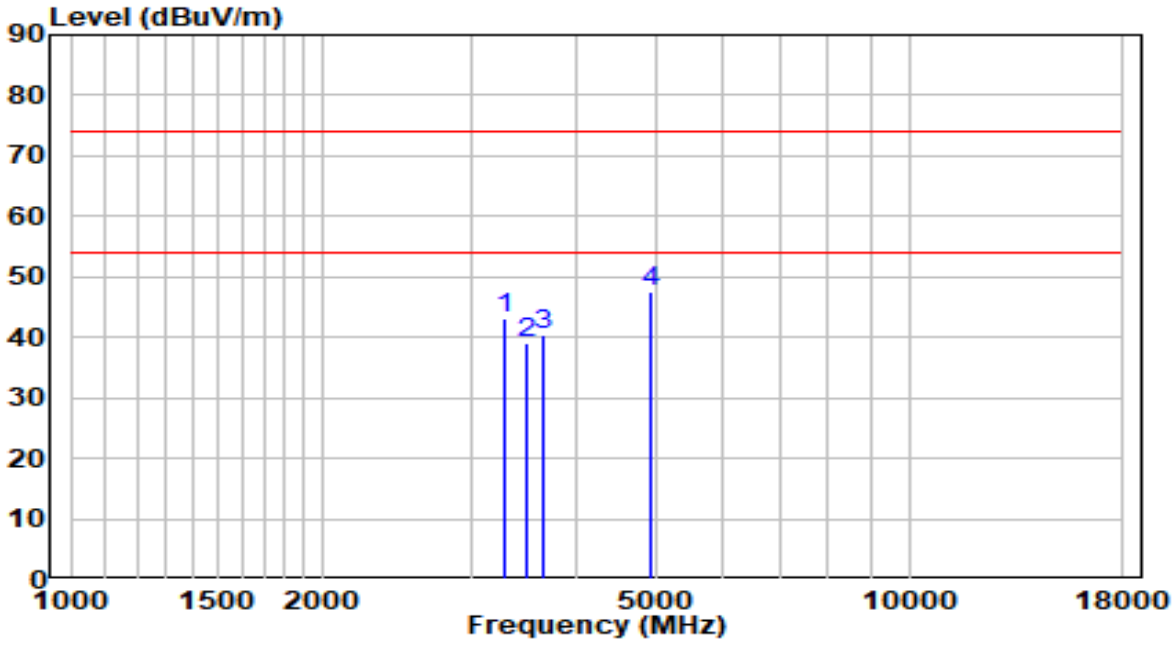


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3286.500	50.41	-1.56	48.85	-25.15	74.00	Peak
2		3380.000	40.04	-1.25	38.79	-35.21	74.00	Peak
3		4255.500	38.28	1.73	40.01	-33.99	74.00	Peak
4		4927.000	44.18	3.57	47.75	-26.25	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.6°C/51.3%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2462MHz-Scan Antenna	Test Voltage	120V/60Hz

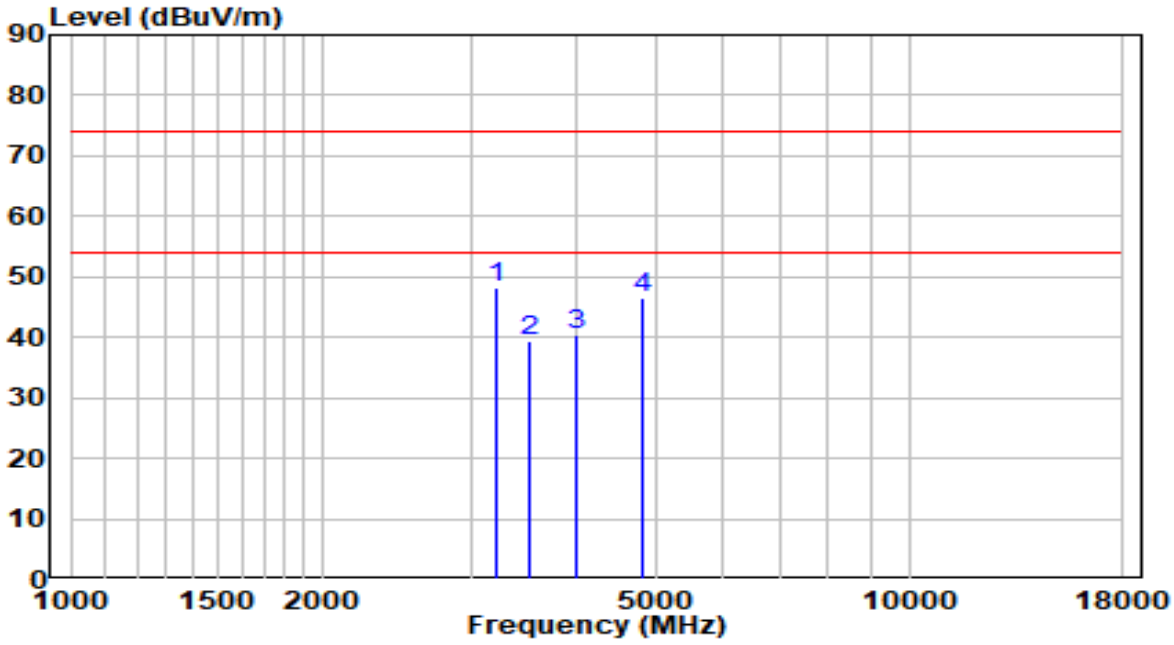


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3286.500	44.69	-1.56	43.12	-30.88	74.00	Peak
2		3499.000	39.87	-0.84	39.02	-34.98	74.00	Peak
3		3669.000	40.59	-0.26	40.33	-33.67	74.00	Peak
4	*	4927.000	44.12	3.57	47.70	-26.30	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.6°C/51.3%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2412MHz-Scan Antenna	Test Voltage	120V/60Hz

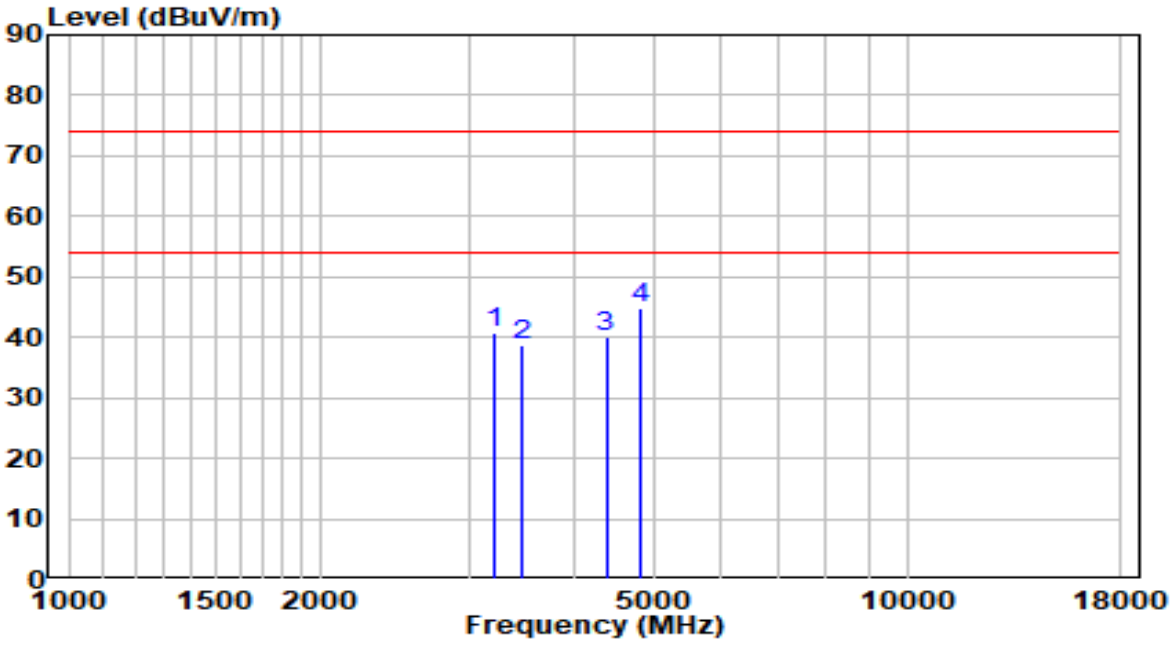


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3218.500	49.99	-1.79	48.20	-25.80	74.00	Peak
2		3533.000	40.12	-0.73	39.40	-34.60	74.00	Peak
3		4017.500	39.56	0.94	40.49	-33.51	74.00	Peak
4		4825.000	43.17	3.33	46.50	-27.50	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.6°C/51.3%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2412MHz-Scan Antenna	Test Voltage	120V/60Hz

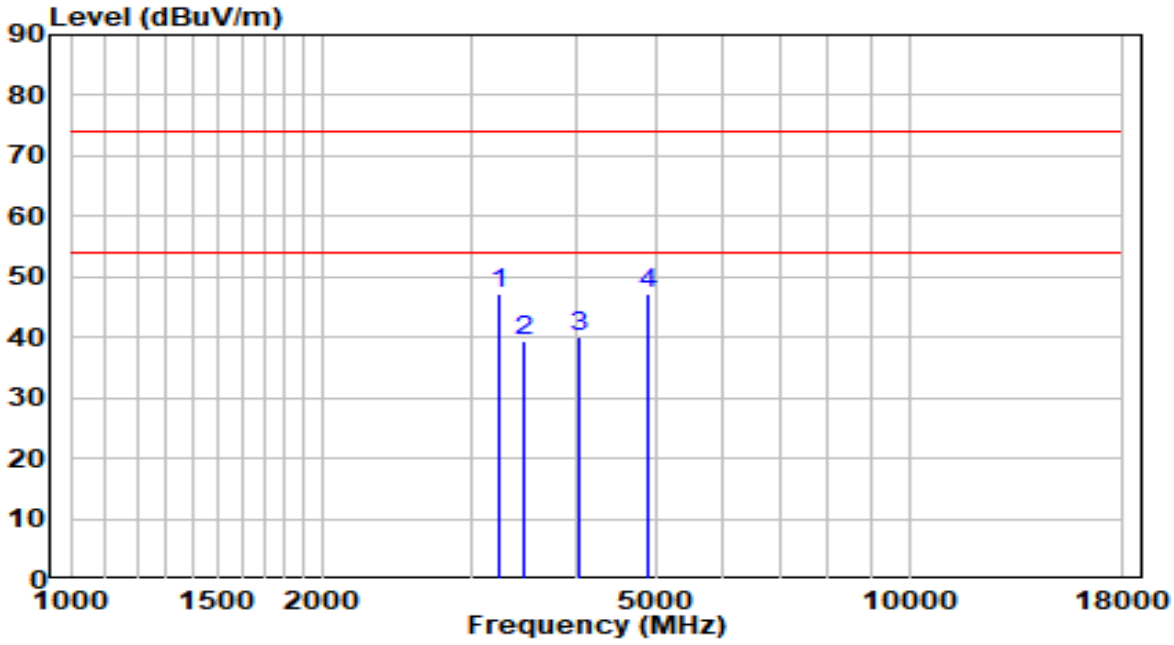


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3218.500	42.40	-1.79	40.61	-33.39	74.00	Peak
2		3482.000	39.71	-0.90	38.81	-35.19	74.00	Peak
3		4374.500	37.82	2.13	39.95	-34.05	74.00	Peak
4	*	4825.000	41.53	3.33	44.86	-29.14	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.6°C/51.3%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2437MHz-Scan Antenna	Test Voltage	120V/60Hz

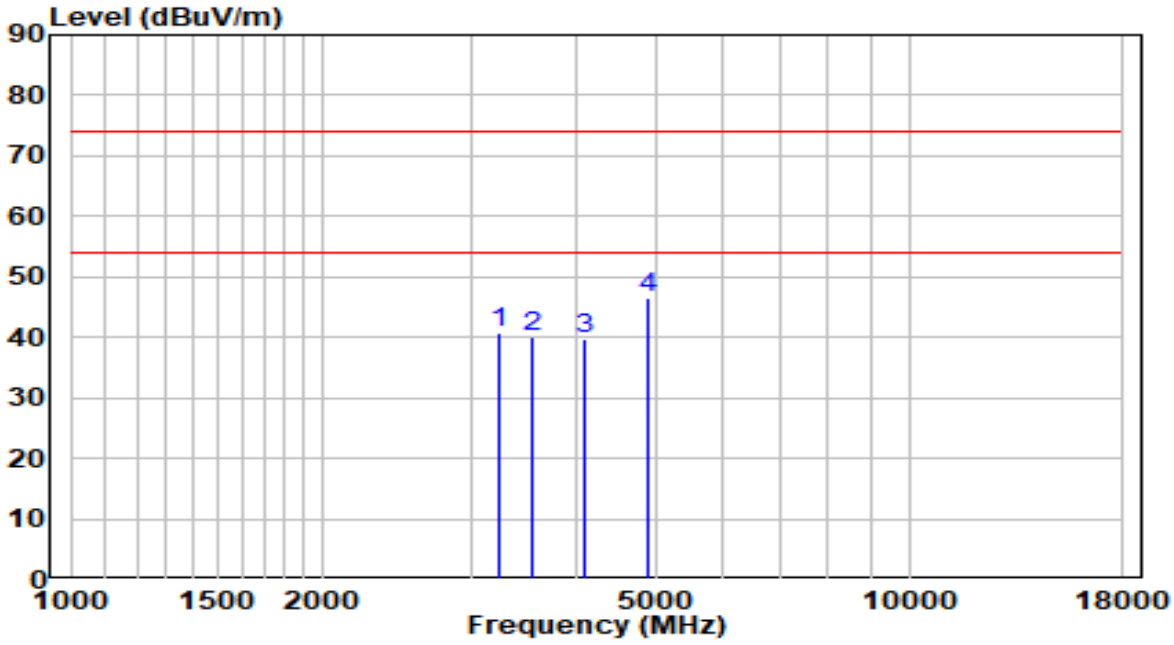


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3252.500	48.90	-1.68	47.22	-26.78	74.00	Peak
2		3473.500	40.35	-0.93	39.43	-34.57	74.00	Peak
3		4026.000	39.17	0.97	40.13	-33.87	74.00	Peak
4	*	4876.000	43.82	3.45	47.27	-26.73	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.6°C/51.3%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2437MHz-Scan Antenna	Test Voltage	120V/60Hz

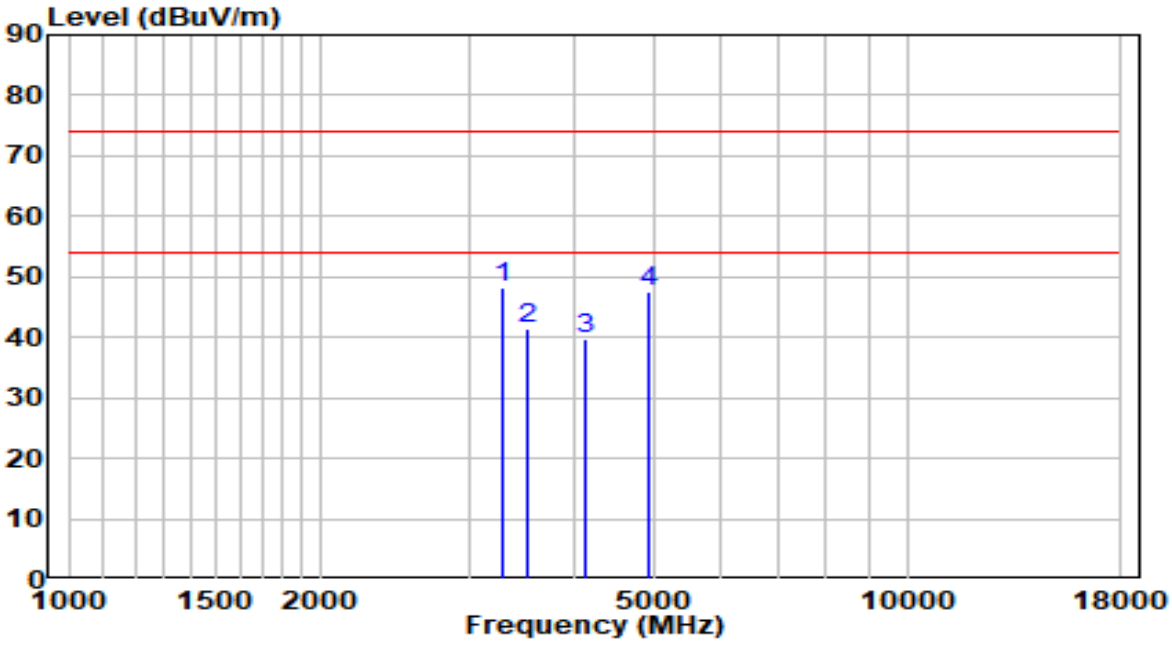


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3252.500	42.30	-1.68	40.62	-33.38	74.00	Peak
2		3558.500	40.63	-0.64	39.99	-34.01	74.00	Peak
3		4094.000	38.54	1.19	39.74	-34.26	74.00	Peak
4	*	4876.000	43.22	3.45	46.67	-27.33	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.6°C/51.3%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2462MHz-Scan Antenna	Test Voltage	120V/60Hz

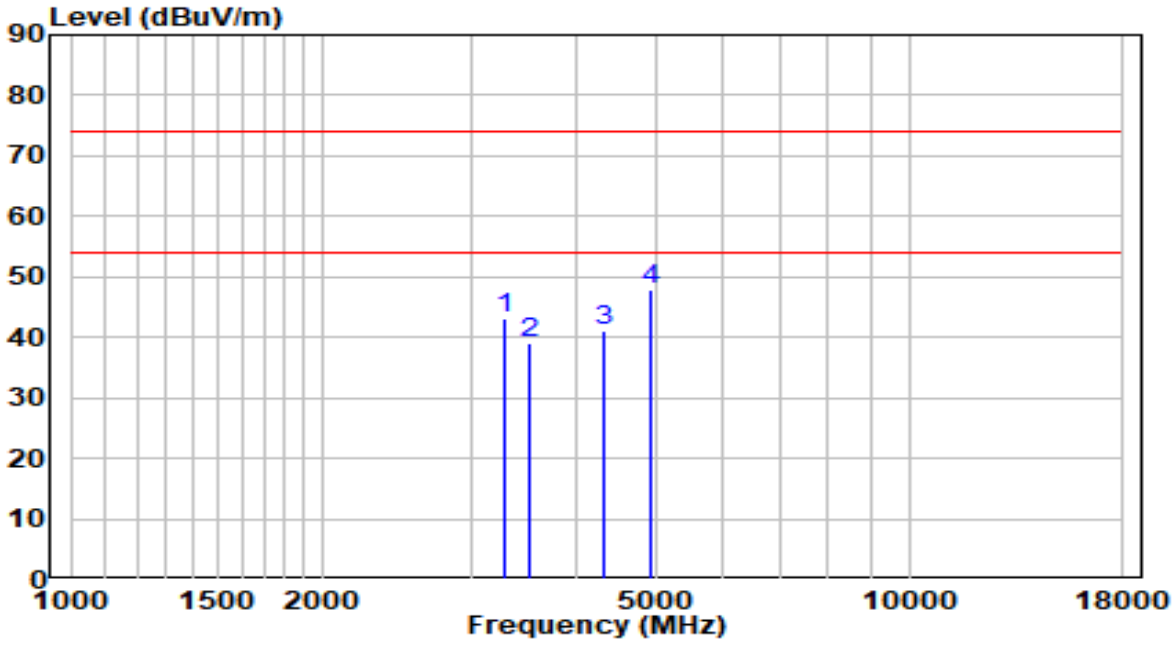


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	3286.500	49.72	-1.56	48.16	-25.84	74.00	Peak
2		3533.000	42.01	-0.73	41.28	-32.72	74.00	Peak
3		4119.500	38.50	1.28	39.78	-34.22	74.00	Peak
4		4927.000	44.12	3.57	47.70	-26.30	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.6°C/51.3%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2462MHz-Scan Antenna	Test Voltage	120V/60Hz



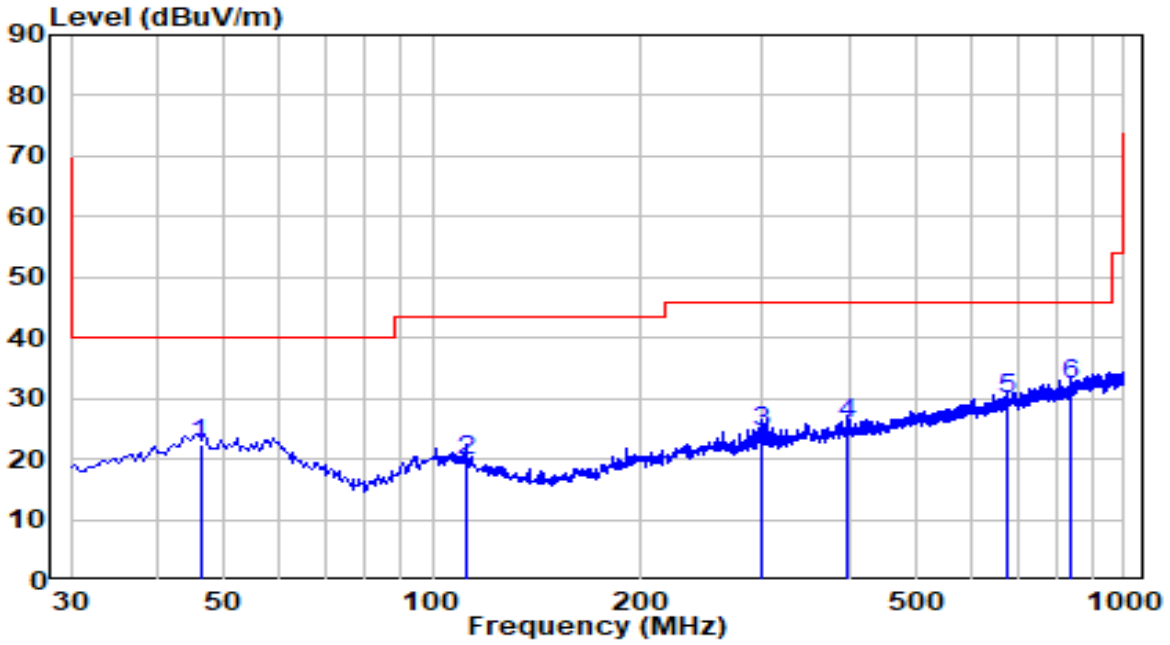
No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3286.500	44.66	-1.56	43.09	-30.91	74.00	Peak
2		3516.000	39.86	-0.78	39.08	-34.92	74.00	Peak
3		4332.000	39.15	1.99	41.14	-32.86	74.00	Peak
4	*	4927.000	44.45	3.57	48.02	-25.98	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

The worst case of Radiated Emission below 1GHz:

EUT	OAW-AP1311	Date of Test	2020-10-13
Factor	AC1_VULB 9168 _20-2000MHz	Temp. / Humidity	25°C /54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		46.150	0.87	21.46	22.33	-17.67	40.00	QP
2		111.650	1.43	18.42	19.85	-23.65	43.50	QP
3		300.165	2.94	21.41	24.35	-21.65	46.00	QP
4		396.650	1.81	24.11	25.92	-20.08	46.00	QP
5		678.540	0.90	28.83	29.73	-16.27	46.00	QP
6	*	839.950	1.34	31.09	32.43	-13.57	46.00	QP

Note:

1. " *", means this data is the worst emission level.

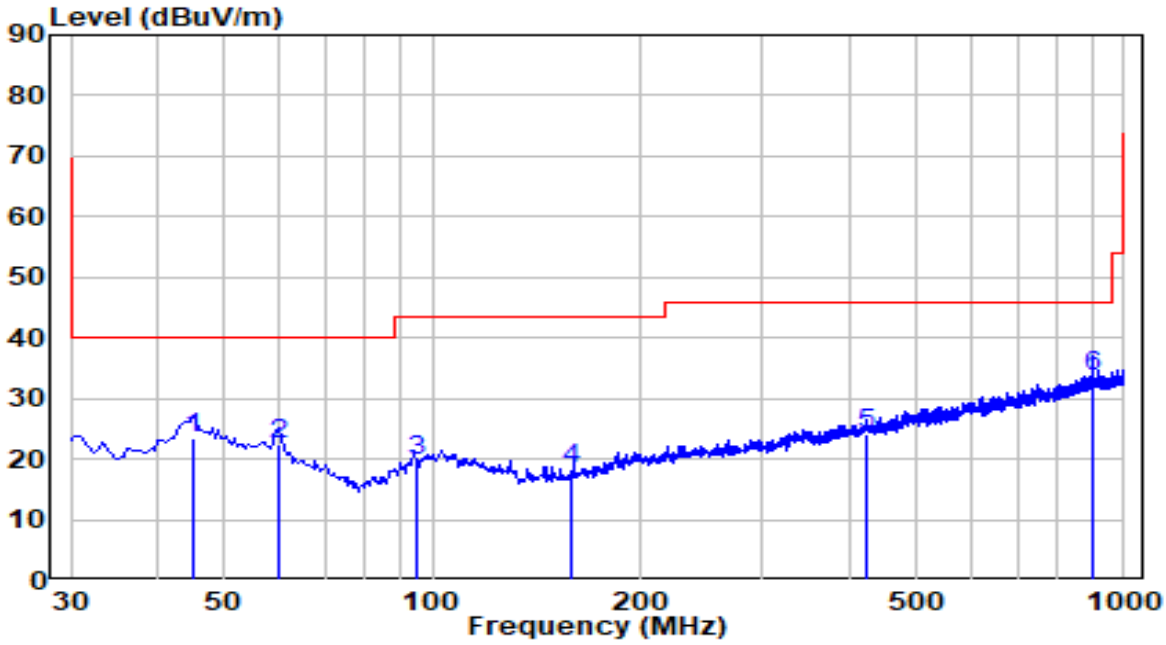
2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

5.The amplitude of Radiated emissions (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

EUT	OAW-AP1311	Date of Test	2020-10-13
Factor	AC1_VULB 9168 _20-2000MHz	Temp. / Humidity	25°C /54%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		45.120	1.98	21.41	23.39	-16.61	40.00	QP
2		60.150	2.23	20.06	22.29	-17.71	40.00	QP
3		94.630	1.38	18.24	19.62	-23.88	43.50	QP
4		159.240	2.25	16.09	18.34	-25.16	43.50	QP
5		425.210	-0.51	24.53	24.02	-21.98	46.00	QP
6	*	899.650	2.27	31.47	33.74	-12.26	46.00	QP

Note:

1. " *", means this data is the worst emission level.

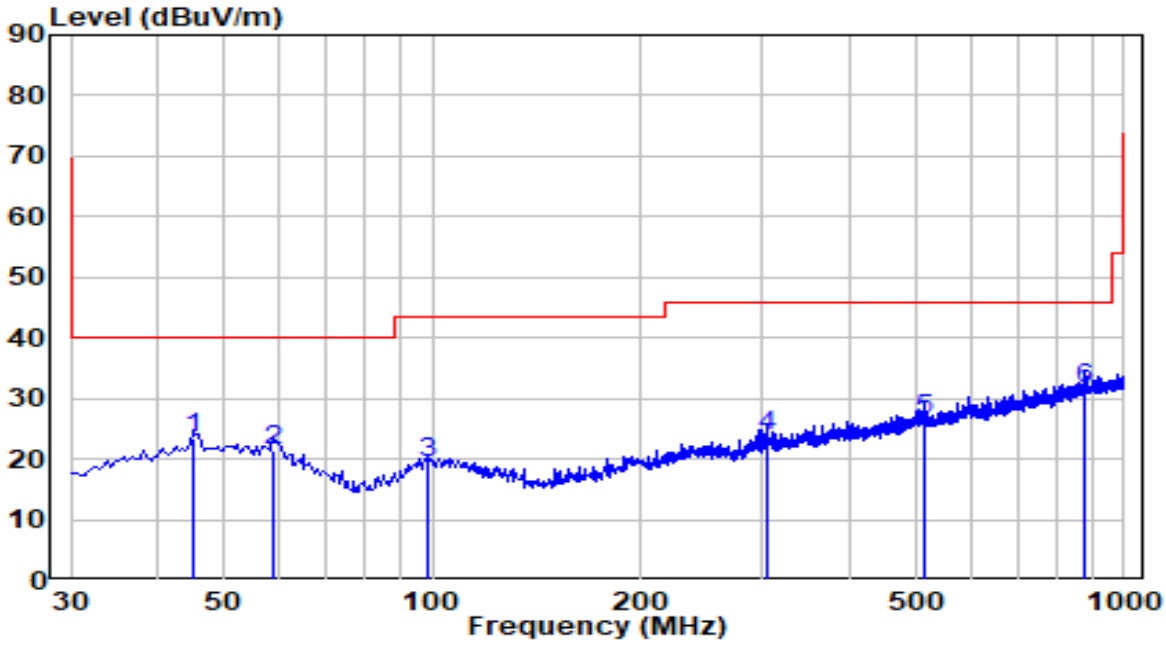
2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

5.The amplitude of Radiated emissions (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

EUT	OAW-AP1311	Date of Test	2020-10-13
Factor	AC1_VULB 9168 _20-2000MHz	Temp. / Humidity	25°C /54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at channel 2412MHz-Scan Antenna	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		45.150	2.19	21.41	23.60	-16.40	40.00	QP
2		58.650	1.14	20.32	21.46	-18.54	40.00	QP
3		98.630	0.05	19.31	19.36	-24.14	43.50	QP
4		304.120	2.28	21.57	23.85	-22.15	46.00	QP
5		512.360	0.40	26.02	26.42	-19.58	46.00	QP
6	*	875.320	0.37	31.38	31.75	-14.25	46.00	QP

Note:

1. " *", means this data is the worst emission level.

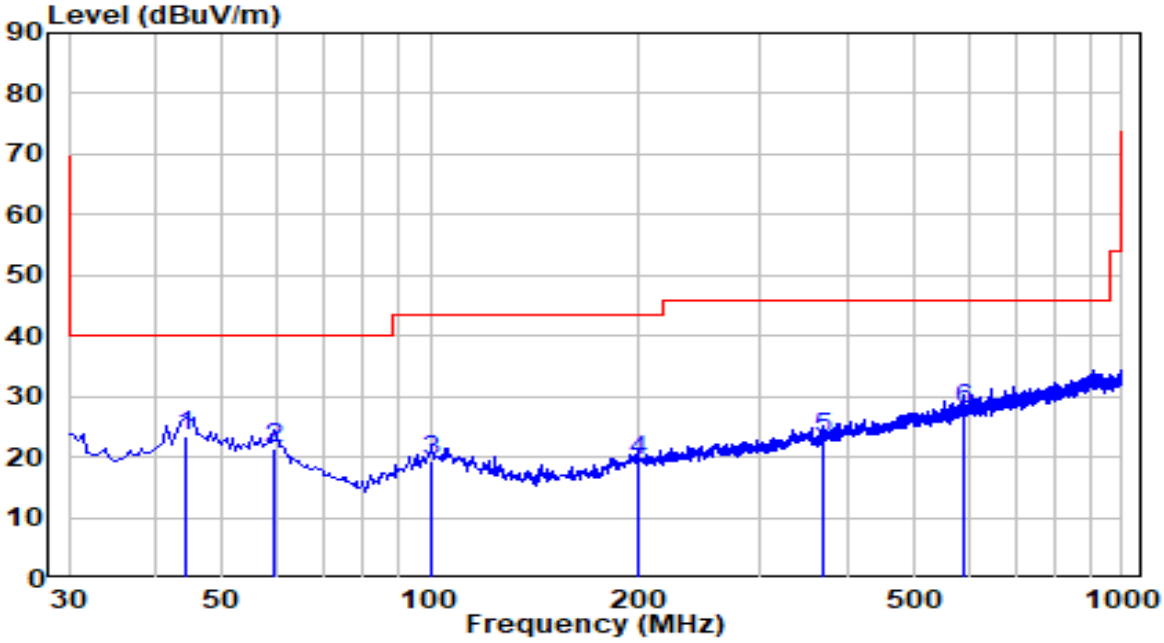
2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

5.The amplitude of Radiated emissions (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

EUT	OAW-AP1311	Date of Test	2020-10-13
Factor	AC1_VULB 9168 _20-2000MHz	Temp. / Humidity	25°C /54%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at channel 2412MHz-Scan Antenna	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	44.210	2.13	21.29	23.42	-16.58	40.00	QP
2		59.260	1.09	20.22	21.31	-18.69	40.00	QP
3		100.350	-0.13	19.65	19.52	-23.98	43.50	QP
4		199.540	0.43	18.94	19.37	-24.13	43.50	QP
5		370.210	-0.72	23.73	23.01	-22.99	46.00	QP
6		590.630	0.68	27.33	28.01	-17.99	46.00	QP

Note:

1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

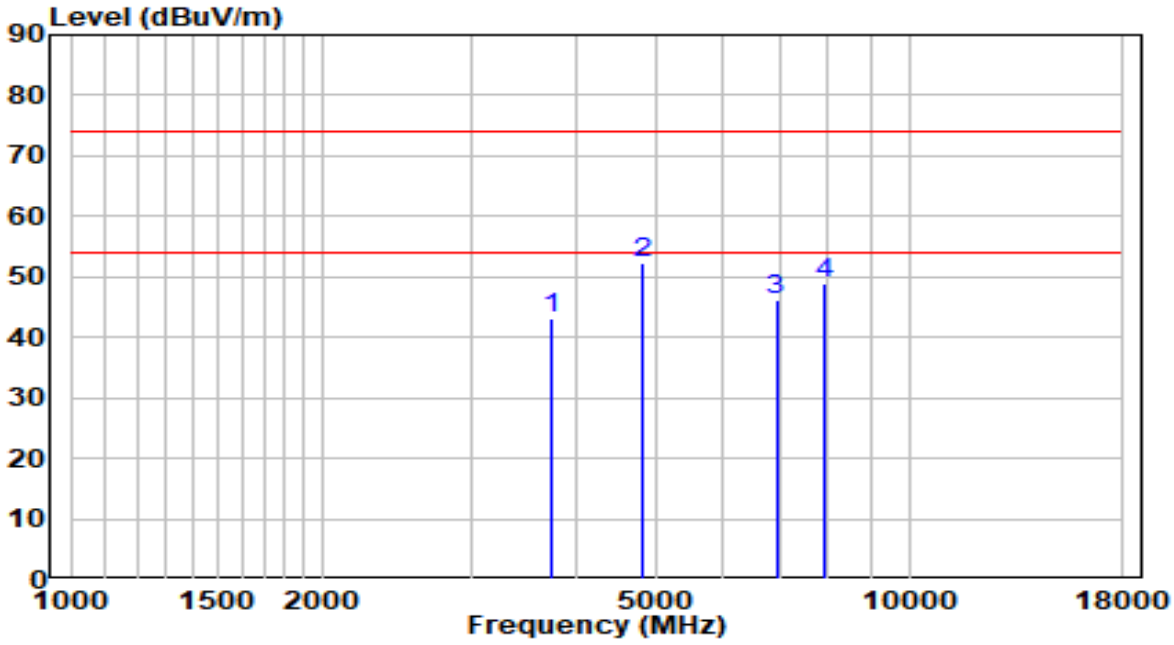
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

5.The amplitude of Radiated emissions (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Co-location Mode :

EUT	OAW-AP1311	Date of Test	2020-10-12
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.8°C/48.0%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	BLE +2.4G Wi-Fi+5G Wi-Fi+Scan antenna Transmit	Test Voltage	120V/60Hz

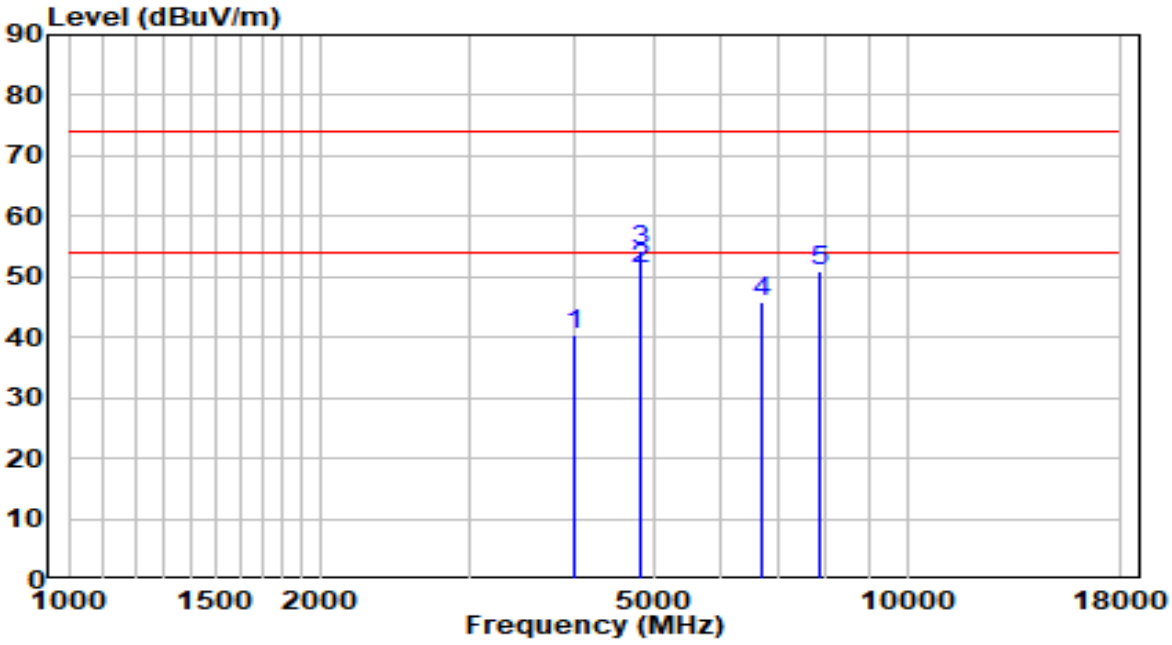


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		3745.500	43.04	0.00	43.05	-30.95	74.00	Peak
2	*	4808.000	48.97	3.29	52.26	-21.74	74.00	Peak
3		6941.500	36.30	10.04	46.35	-27.65	74.00	Peak
4		7953.000	36.55	12.45	49.00	-25.00	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-12
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.8°C/48.0%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	BLE +2.4G Wi-Fi+5G Wi-Fi+Scan antenna Transmit	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		4000.500	39.57	0.88	40.45	-33.55	74.00	Peak
2	*	4808.000	51.16	3.29	54.45	-19.55	74.00	Peak
3		4804.000	47.93	3.29	51.22	-2.78	54.00	Average
4		6703.500	36.91	8.99	45.90	-28.10	74.00	Peak
5		7876.500	38.47	12.33	50.79	-23.21	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

6.7. Radiated Restricted Band Edge Measurement

6.7.1.Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1] 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])
13.36 - 13.41	--	--	--

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency (MHz]	Field Strength (uV/m]	Measured Distance (Meters)
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

6.7.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

6.7.3. Test Setting

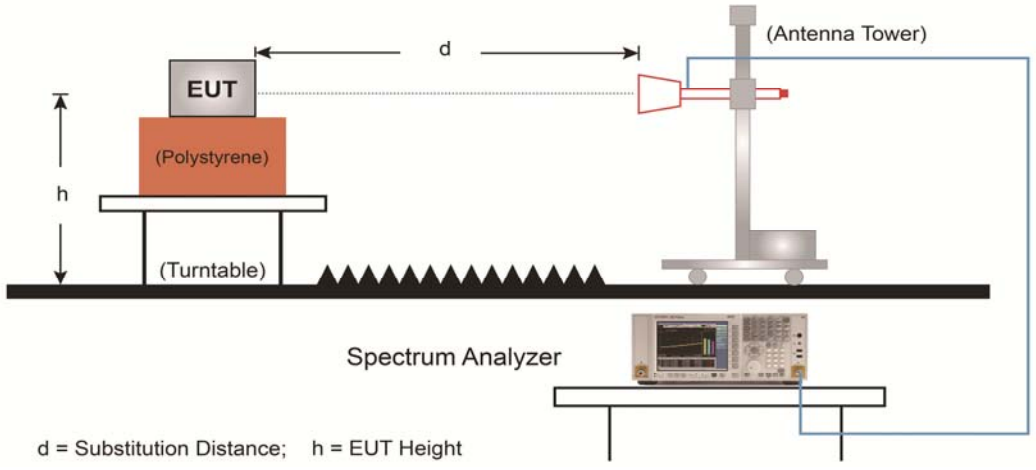
Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Field Strength Measurements

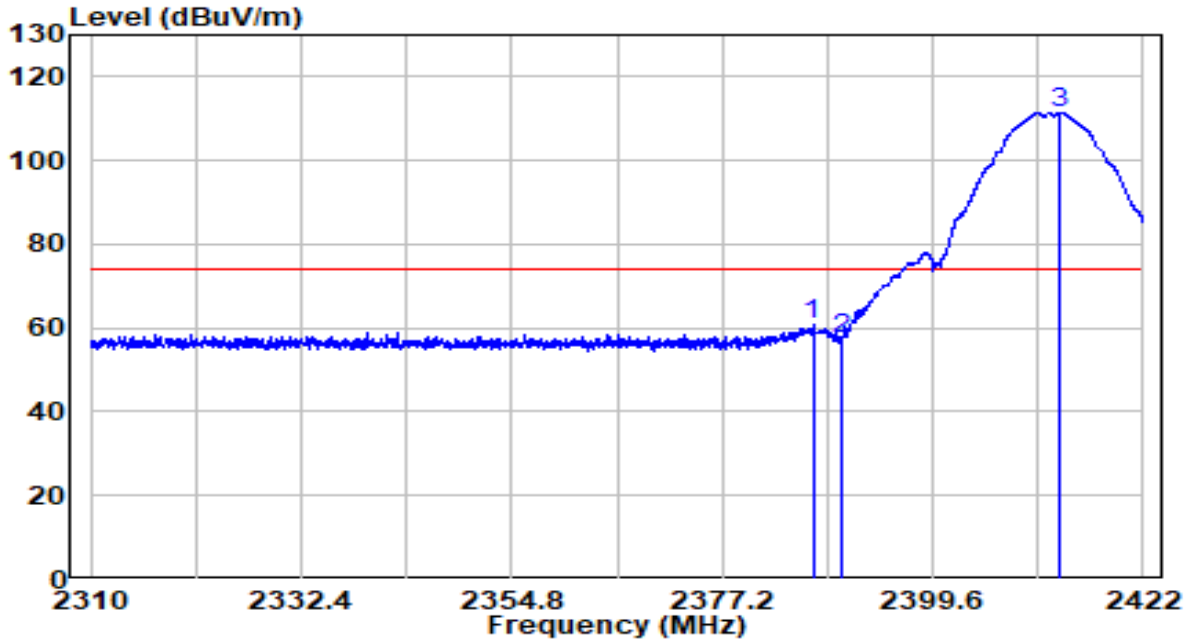
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW ≥ 1/T
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to “Voltage” regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

6.7.4.Test Setup



6.7.5.Test Result

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2386.832	28.79	32.28	61.07	-12.93	74.00	Peak
2		2390.000	25.23	32.30	57.53	-16.47	74.00	Peak
3	*	2413.096	79.09	32.40	111.49	N/A	N/A	Peak

Note:

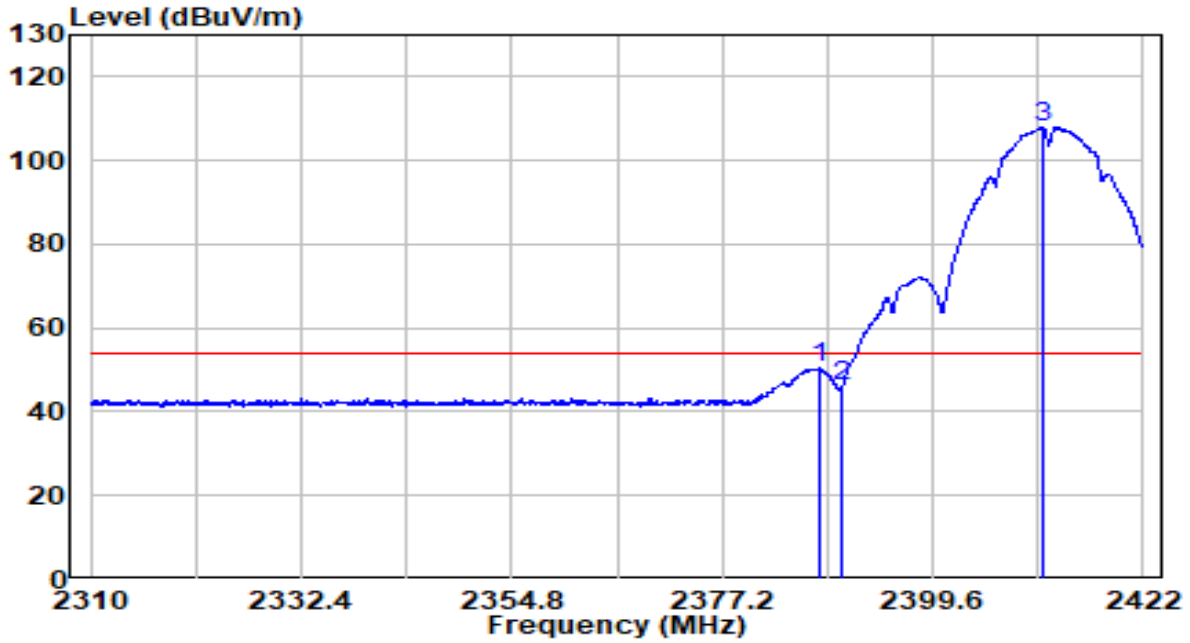
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2387.560	18.02	32.29	50.30	-3.70	54.00	Average
2		2390.000	13.72	32.30	46.01	-7.99	54.00	Average
3	*	2411.248	75.71	32.39	108.10	N/A	N/A	Average

Note:

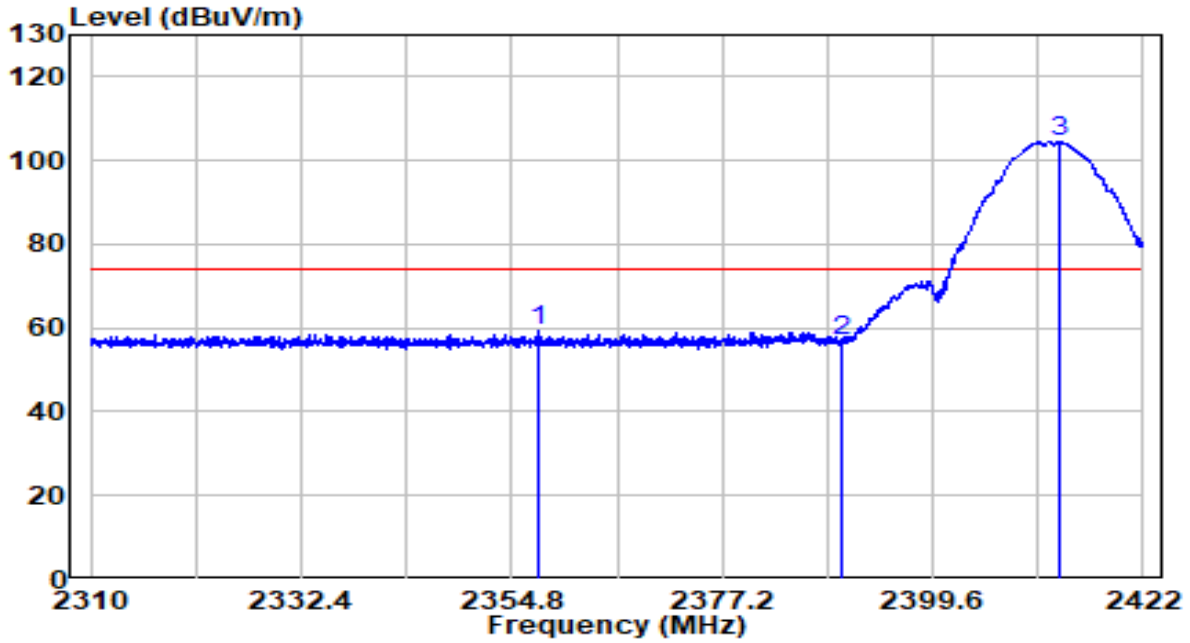
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2357.768	27.00	32.15	59.16	-14.84	74.00	Peak
2		2390.024	24.69	32.30	56.99	-17.01	74.00	Peak
3	*	2413.096	72.14	32.40	104.54	N/A	N/A	Peak

Note:

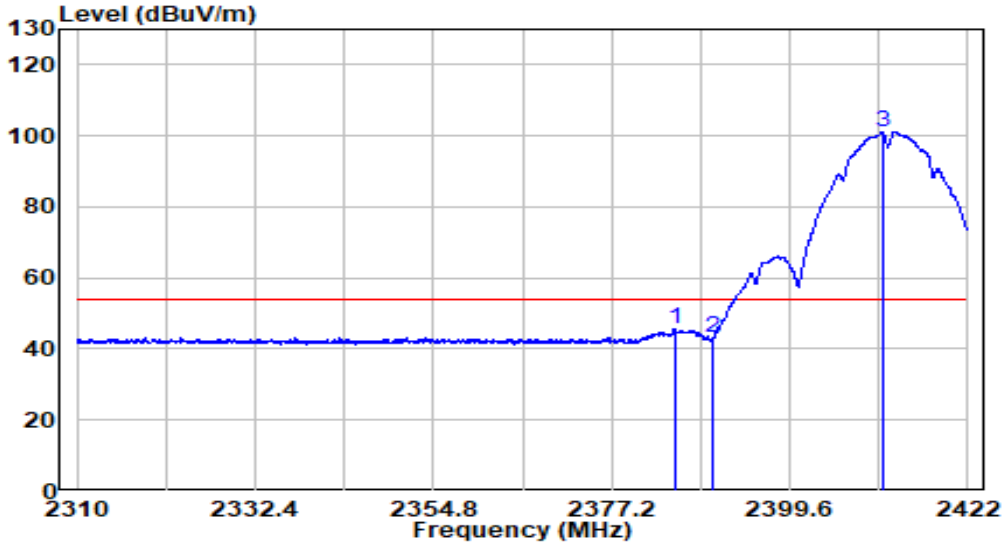
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2385.152	13.22	32.27	45.50	-8.50	54.00	Average
2		2390.000	10.64	32.30	42.94	-11.06	54.00	Average
3	*	2411.304	68.71	32.39	101.10	N/A	N/A	Average

Note:

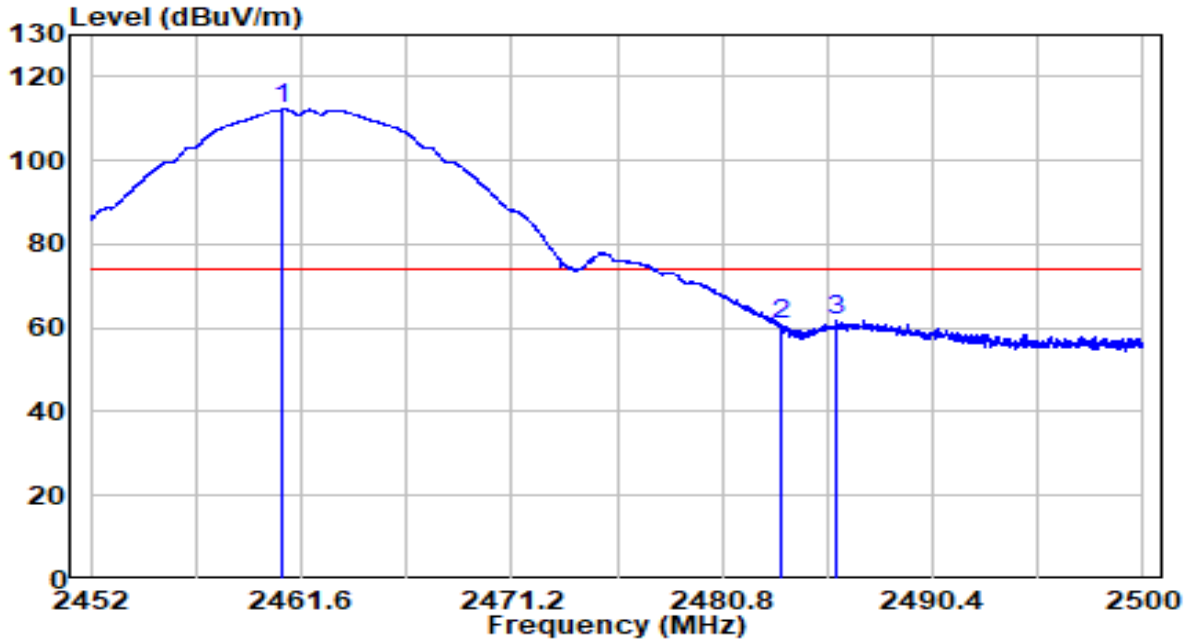
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2462MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2460.784	79.57	32.61	112.18	N/A	N/A	Peak
2		2483.500	28.10	32.71	60.81	-13.19	74.00	Peak
3		2486.056	29.05	32.72	61.77	-12.23	74.00	Peak

Note:

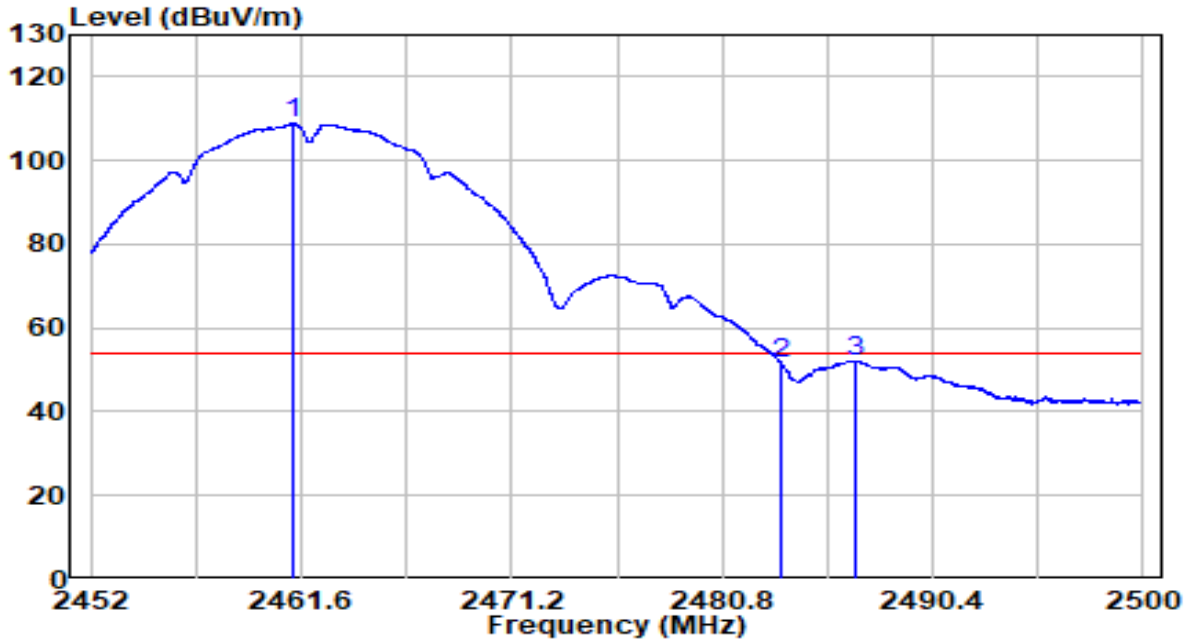
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2462MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2461.240	76.36	32.61	108.97	N/A	N/A	Average
2		2483.500	18.89	32.71	51.60	-2.40	54.00	Average
3		2486.848	19.30	32.72	52.02	-1.98	54.00	Average

Note:

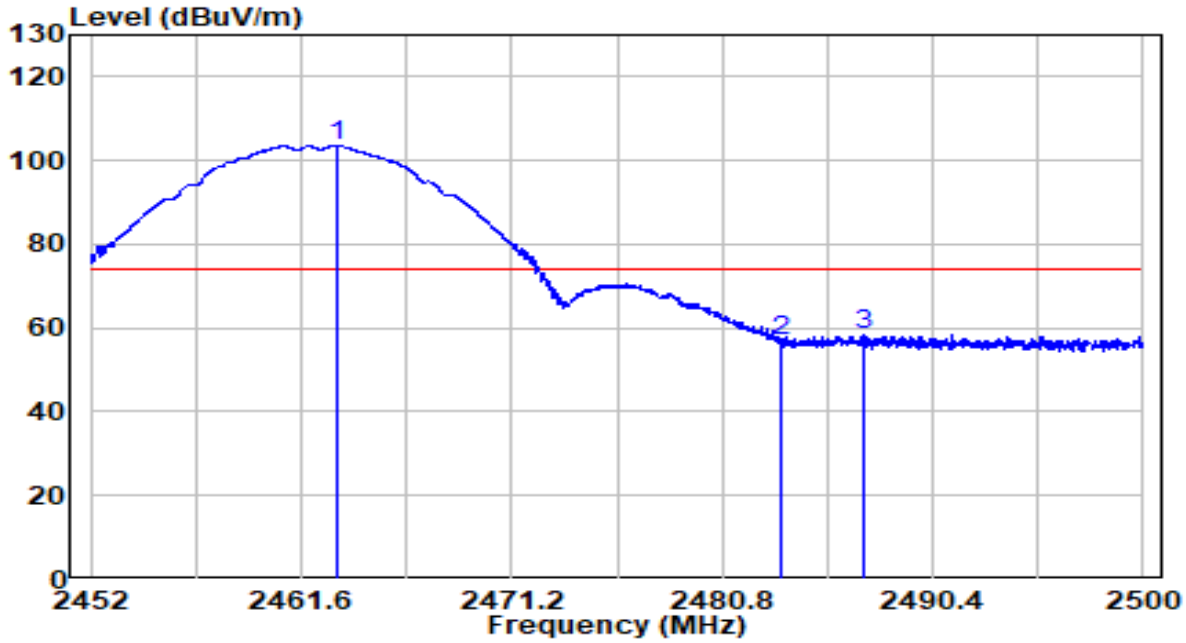
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2462MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2463.256	70.94	32.62	103.56	N/A	N/A	Peak
2		2483.500	24.28	32.71	56.99	-17.01	74.00	Peak
3		2487.208	25.70	32.72	58.42	-15.58	74.00	Peak

Note:

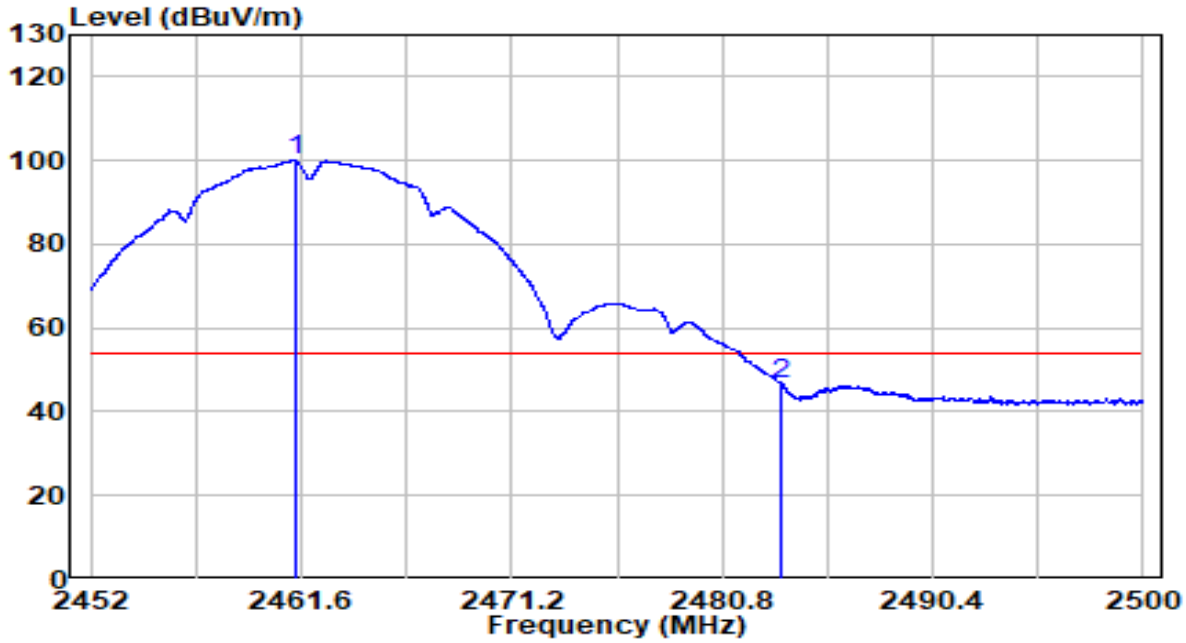
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2462MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2461.312	67.55	32.61	100.16	N/A	N/A	Average
2		2483.500	13.88	32.71	46.59	-7.41	54.00	Average

Note:

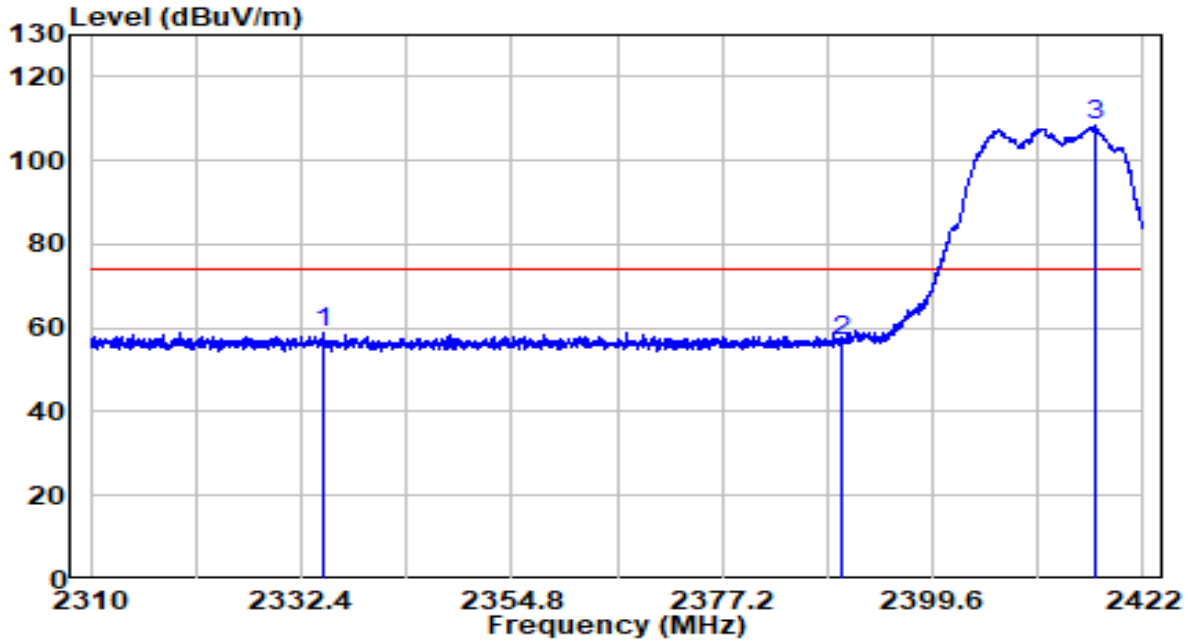
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2334.808	26.99	32.05	59.04	-14.96	74.00	Peak
2		2390.000	24.41	32.30	56.70	-17.30	74.00	Peak
3	*	2416.848	76.12	32.41	108.53	34.53	74.00	Peak

Note:

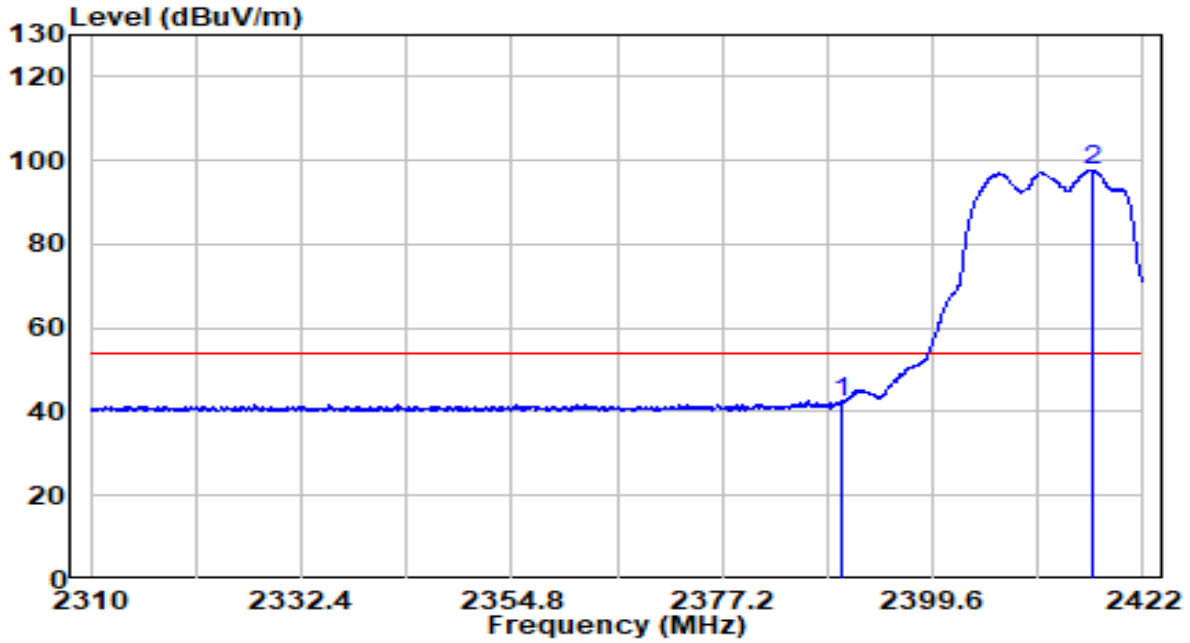
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	10.05	32.30	42.35	-11.65	54.00	Average
2	*	2416.568	65.27	32.41	97.69	N/A	N/A	Average

Note:

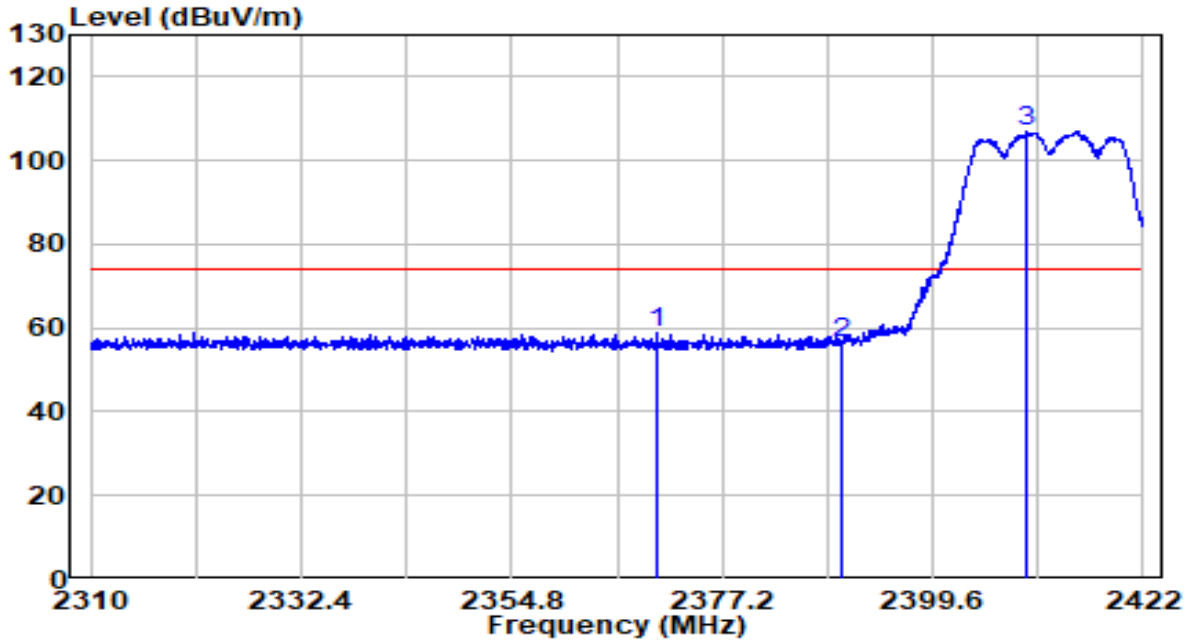
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2370.256	26.70	32.21	58.91	-15.09	74.00	Peak
2		2390.024	24.15	32.30	56.45	-17.55	74.00	Peak
3	*	2409.680	74.53	32.38	106.91	N/A	N/A	Peak

Note:

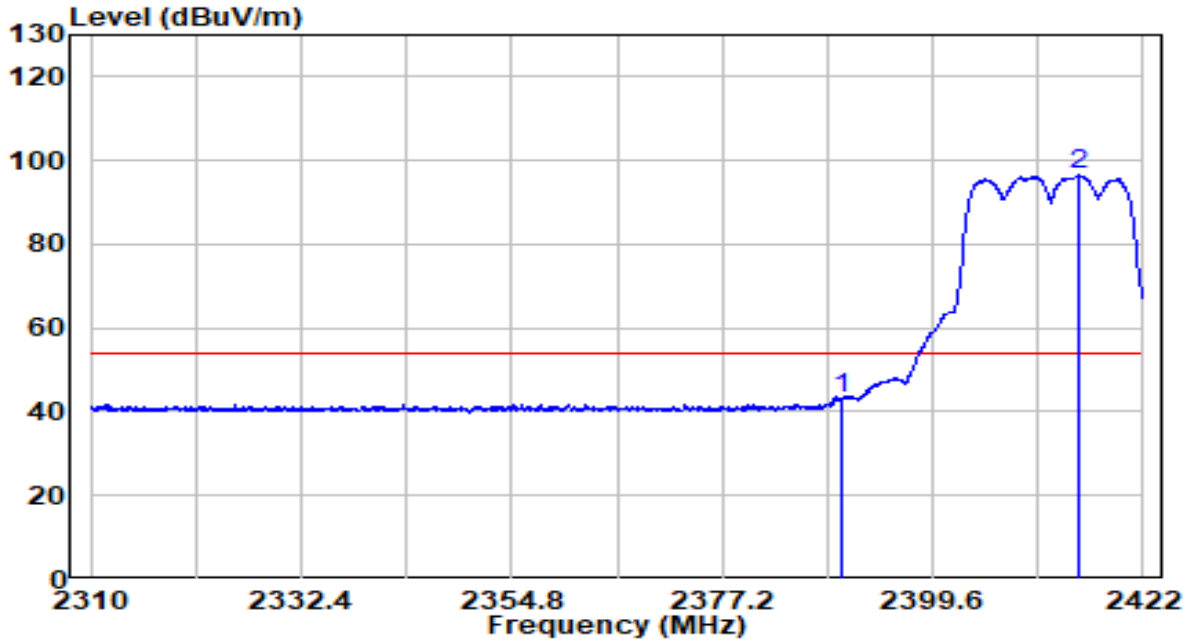
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	10.95	32.30	43.25	-10.75	54.00	Average
2	*	2415.056	64.03	32.41	96.44	N/A	N/A	Average

Note:

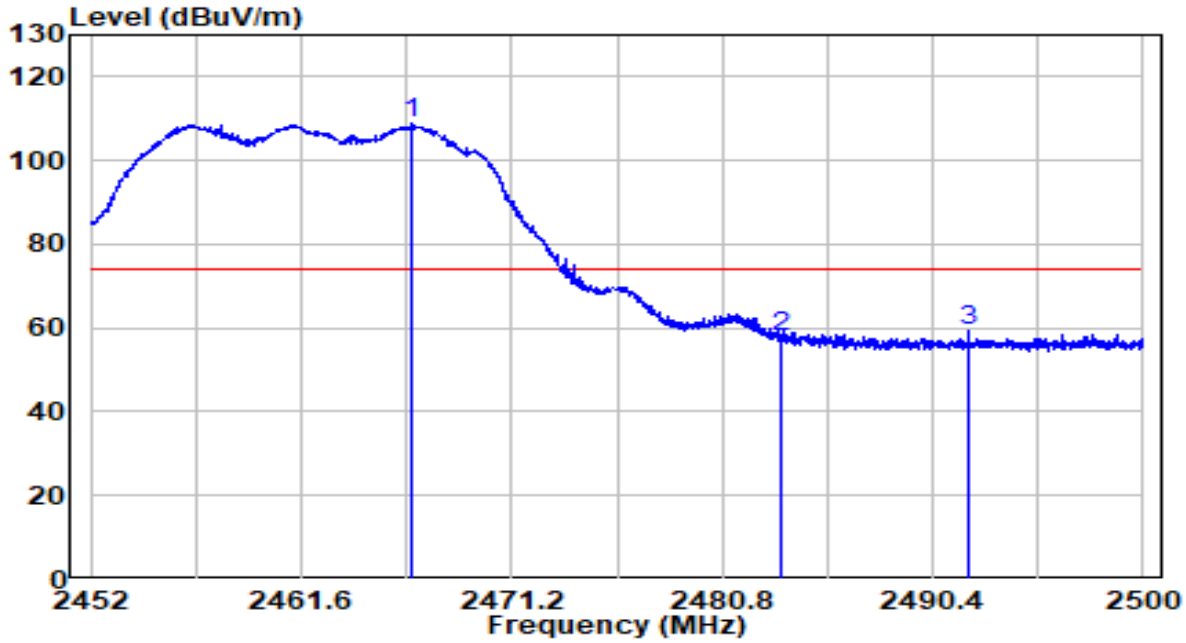
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2462MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2466.640	76.42	32.63	109.05	N/A	N/A	Peak
2		2483.500	25.04	32.71	57.75	-16.25	74.00	Peak
3		2492.008	26.81	32.74	59.55	-14.45	74.00	Peak

Note:

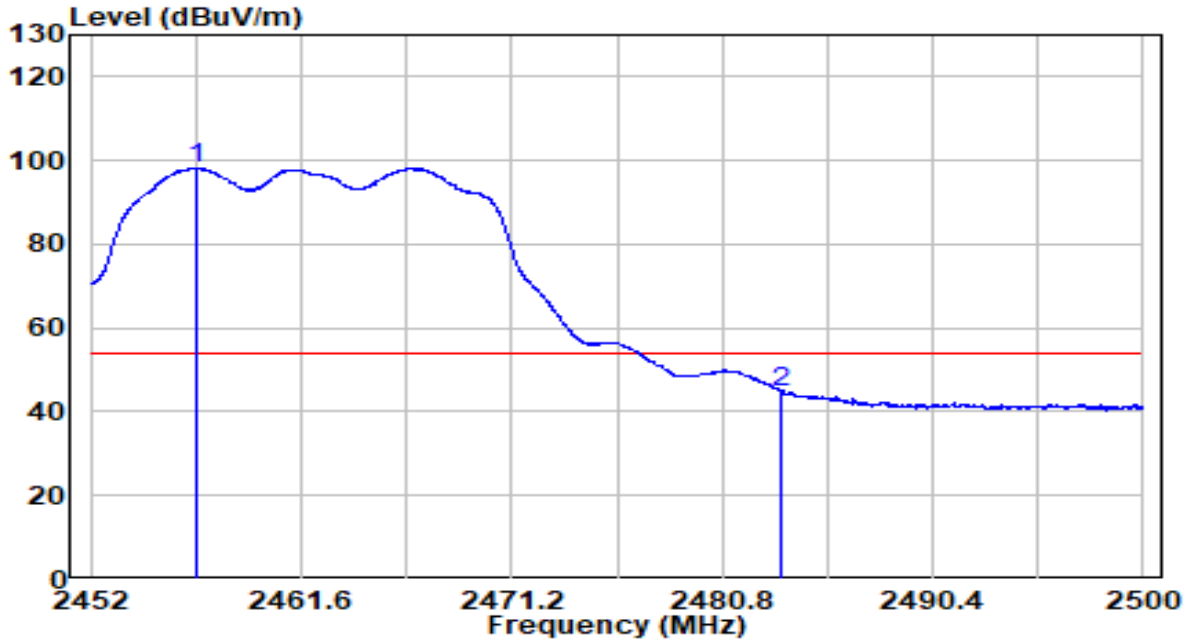
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2462MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2456.800	65.65	32.59	98.24	N/A	N/A	Average
2		2483.500	12.16	32.71	44.87	-9.13	54.00	Average

Note:

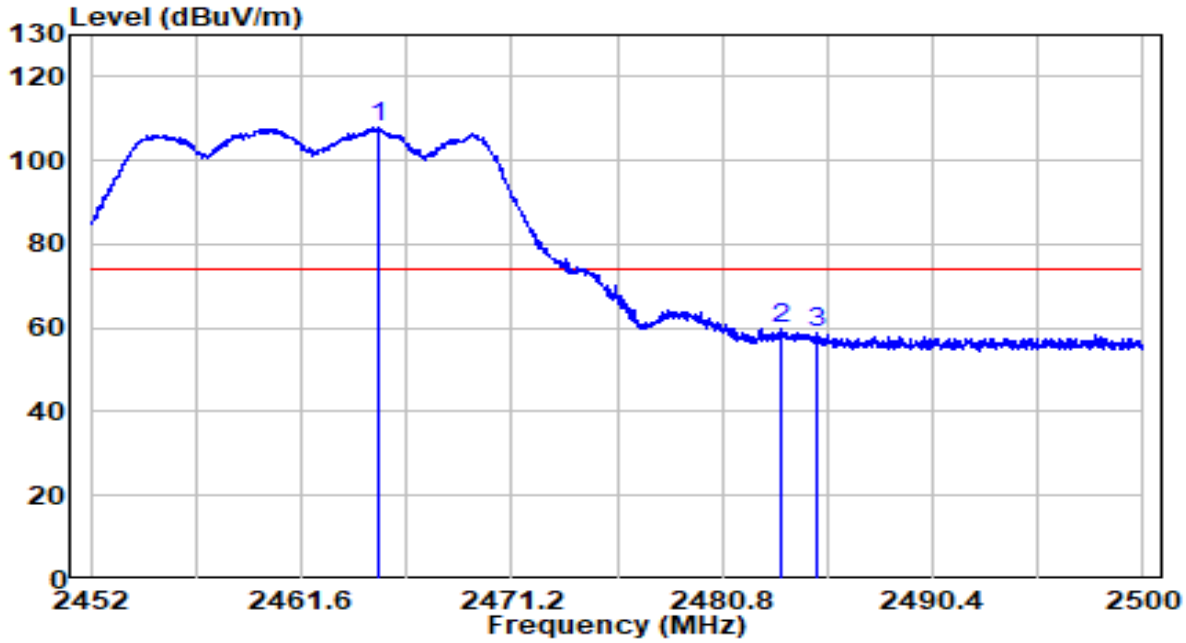
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2462MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2465.104	75.24	32.63	107.87	N/A	N/A	Peak
2		2483.488	27.19	32.71	59.90	-14.10	74.00	Peak
3		2485.120	26.15	32.71	58.86	-15.14	74.00	Peak

Note:

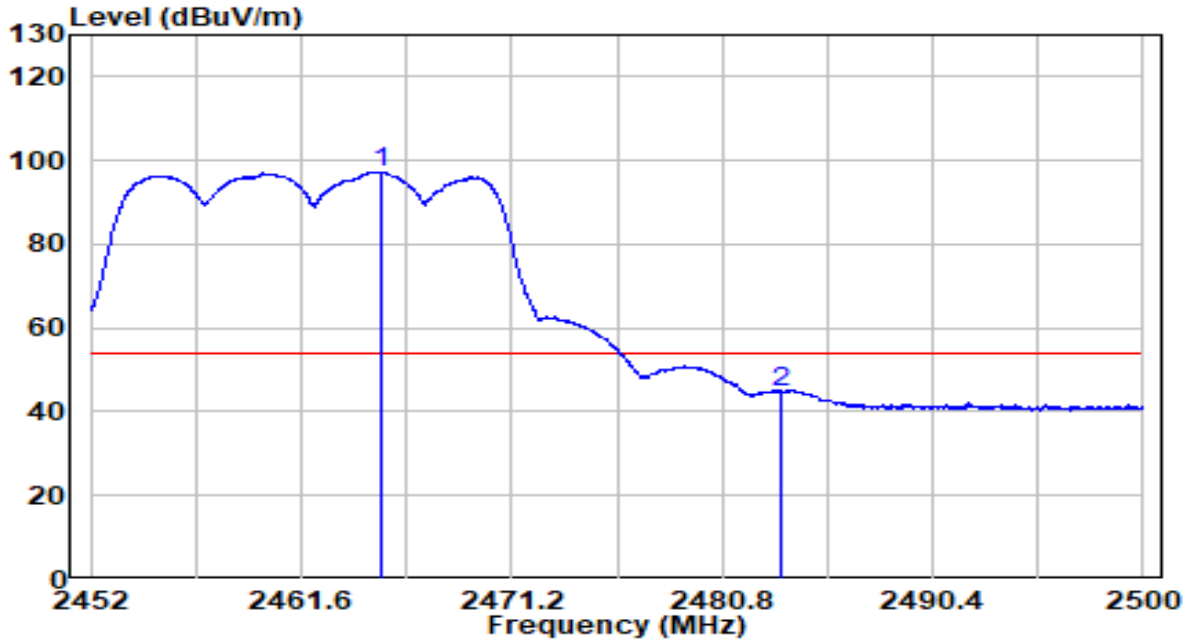
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2462MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2465.200	64.65	32.63	97.28	N/A	N/A	Average
2		2483.500	12.10	32.71	44.81	-9.19	54.00	Average

Note:

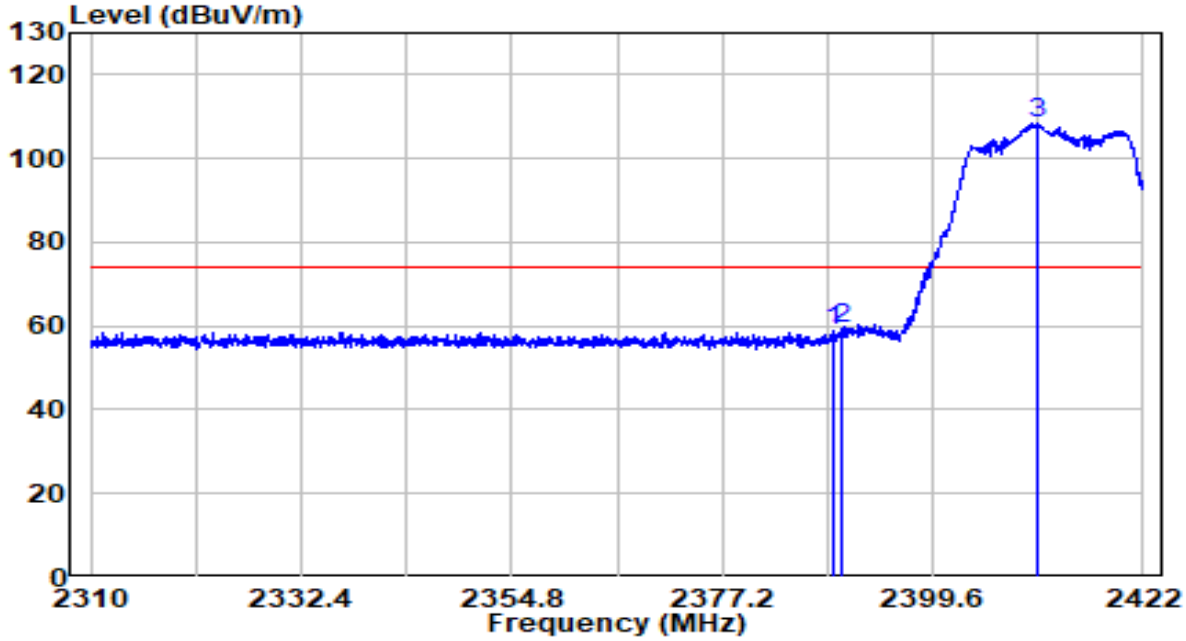
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT20 at Channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2388.960	26.55	32.29	58.84	-15.16	74.00	Peak
2		2390.000	26.89	32.30	59.19	-14.81	74.00	Peak
3	*	2410.744	76.10	32.39	108.49	N/A	N/A	Peak

Note:

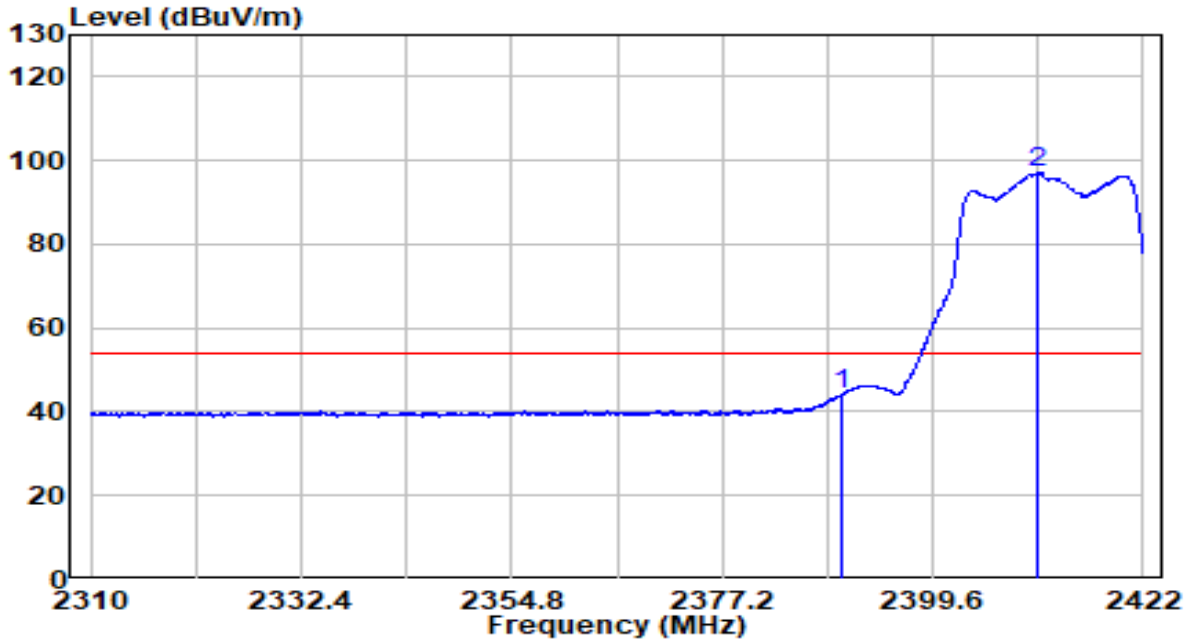
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT20 at Channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	11.84	32.30	44.14	-9.86	54.00	Average
2	*	2410.856	64.62	32.39	97.01	N/A	N/A	Average

Note:

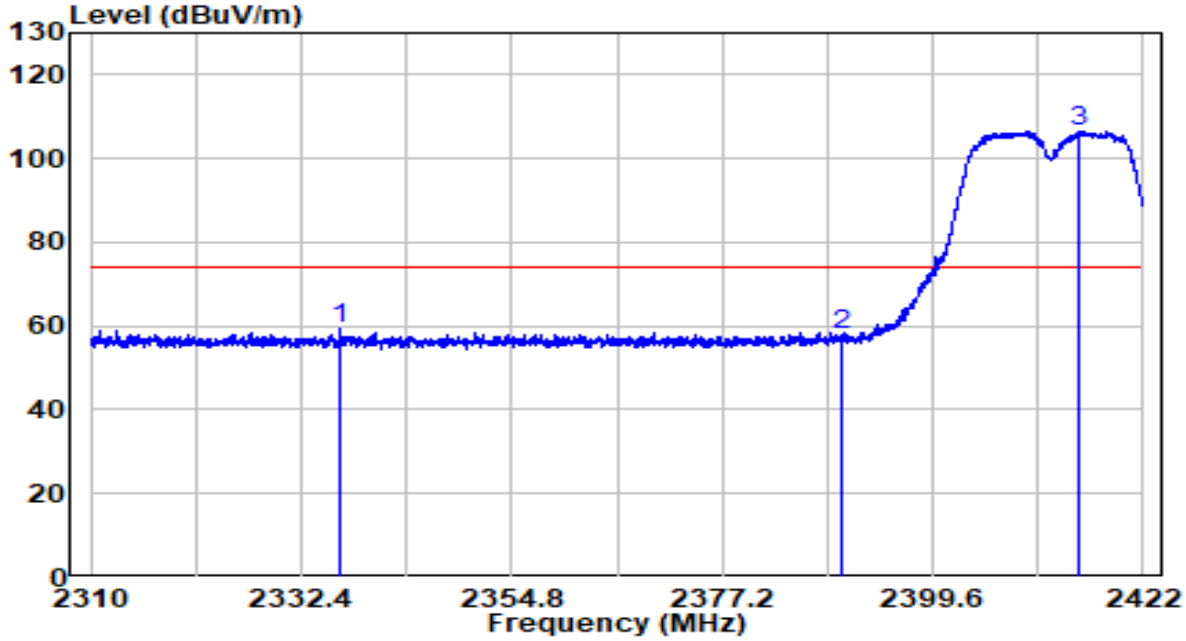
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT20 at Channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2336.656	27.49	32.06	59.55	-14.45	74.00	Peak
2		2390.024	25.36	32.30	57.66	-16.34	74.00	Peak
3	*	2415.280	74.14	32.41	106.55	N/A	N/A	Peak

Note:

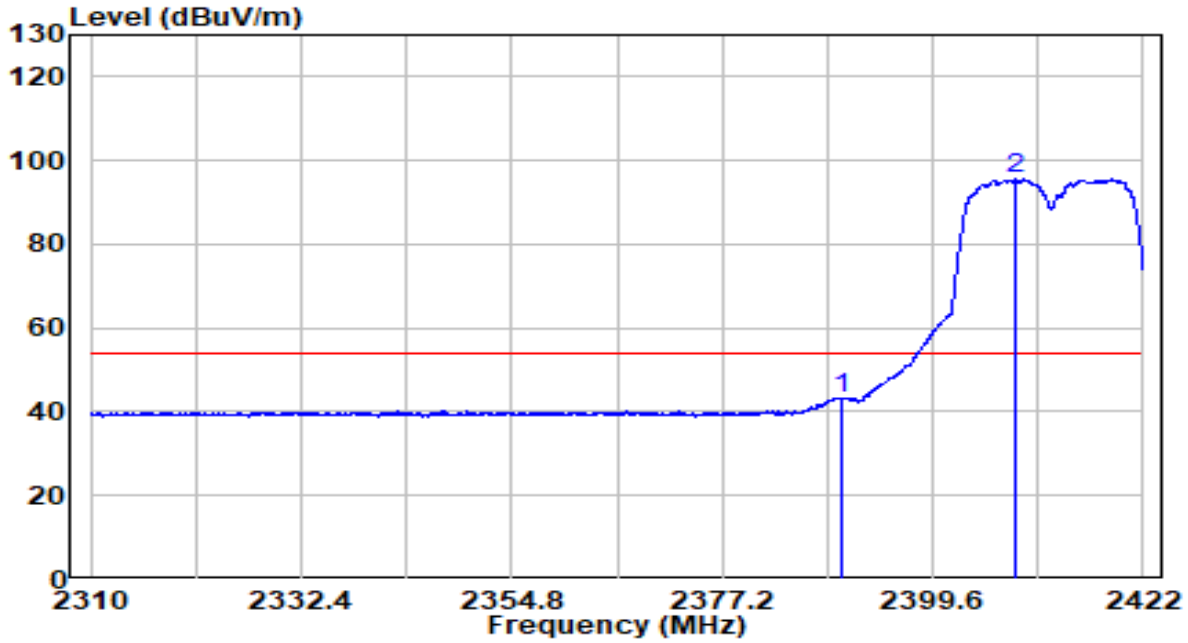
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT20 at Channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	10.99	32.30	43.28	-10.72	54.00	Average
2	*	2408.504	63.11	32.38	95.49	N/A	N/A	Average

Note:

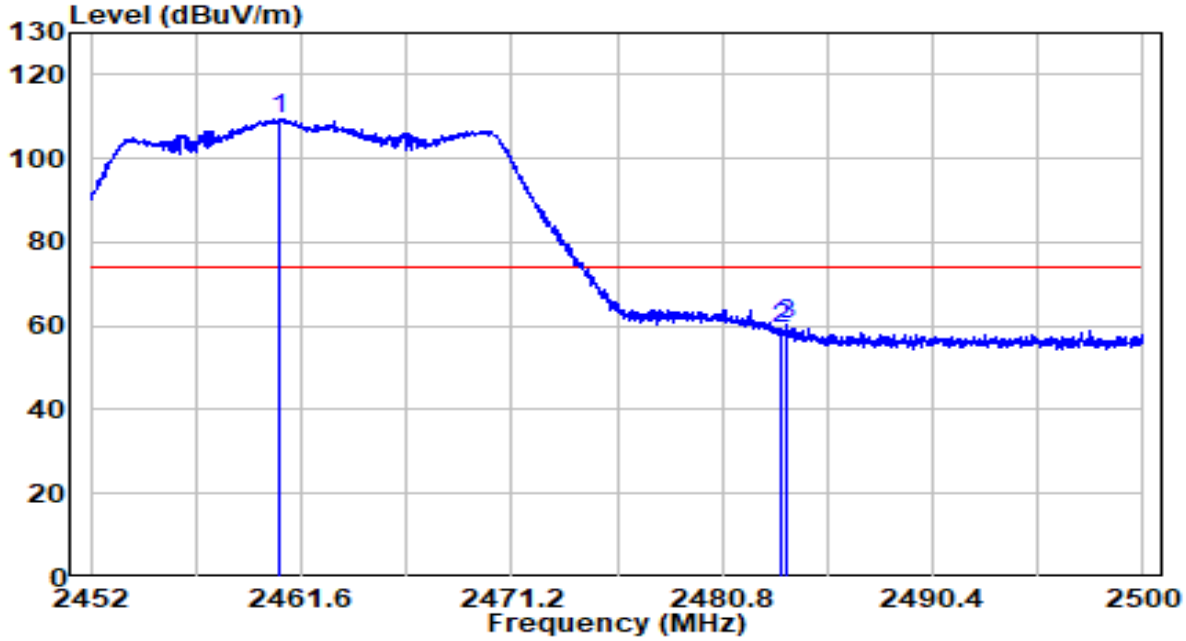
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2460.544	76.86	32.61	109.46	N/A	N/A	Peak
2		2483.500	26.65	32.71	59.36	-14.64	74.00	Peak
3		2483.776	27.39	32.71	60.10	-13.90	74.00	Peak

Note:

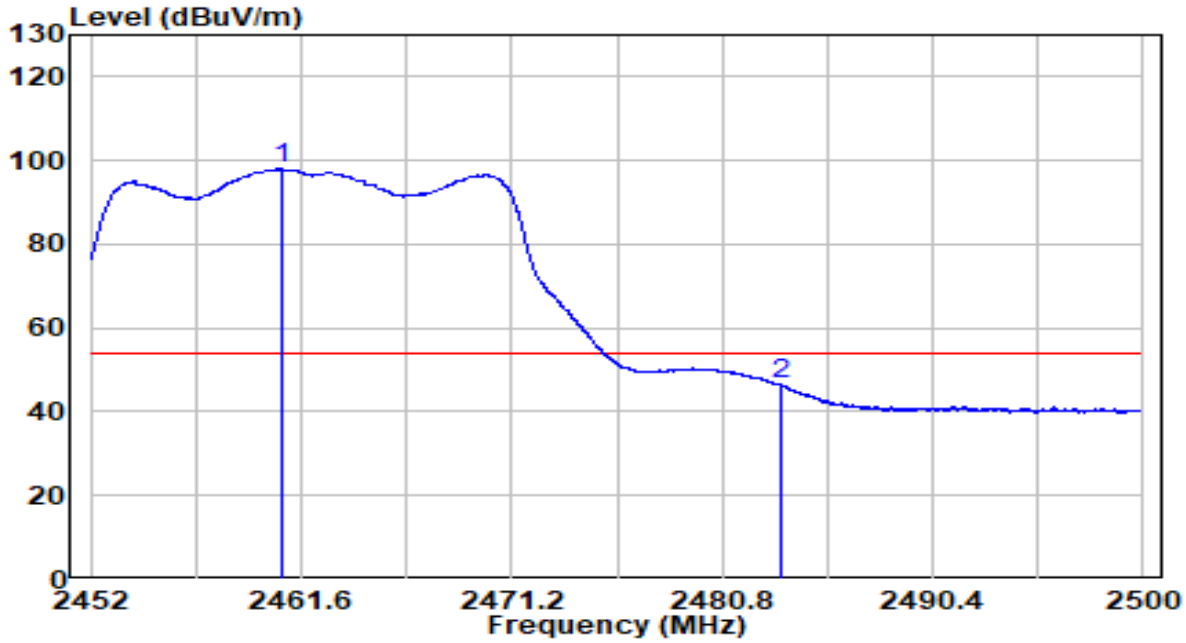
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2460.712	65.36	32.61	97.96	N/A	N/A	Average
2		2483.500	13.66	32.71	46.37	-7.63	54.00	Average

Note:

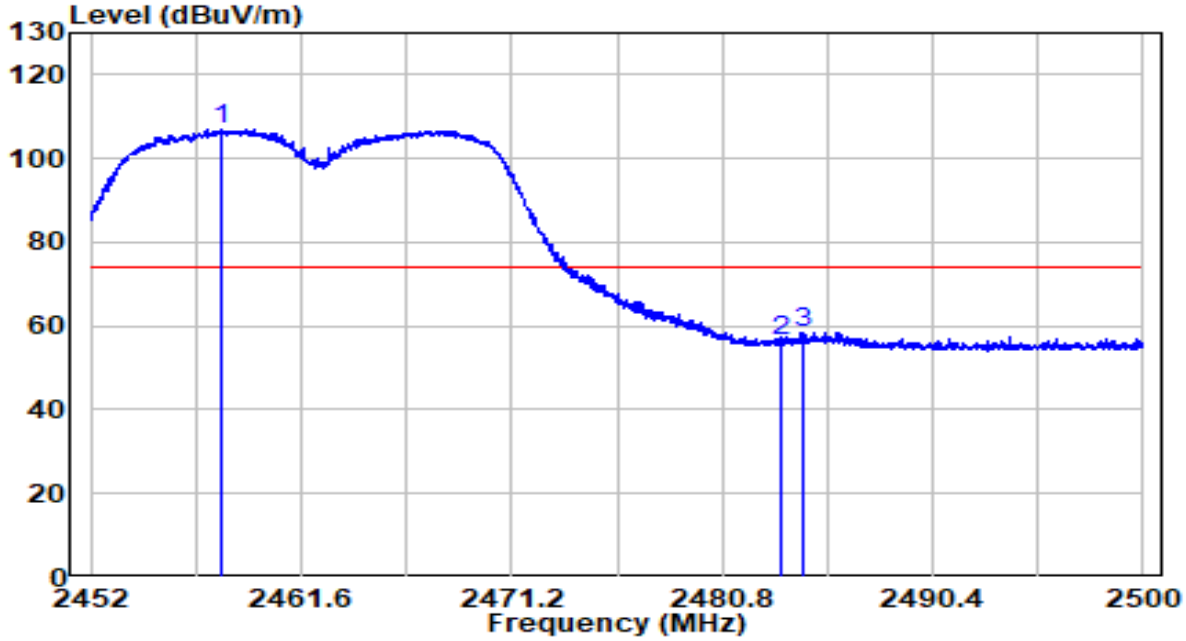
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2457.952	74.16	32.59	106.76	N/A	N/A	Peak
2		2483.500	23.47	32.71	56.18	-17.82	74.00	Peak
3		2484.448	25.78	32.71	58.49	-15.51	74.00	Peak

Note:

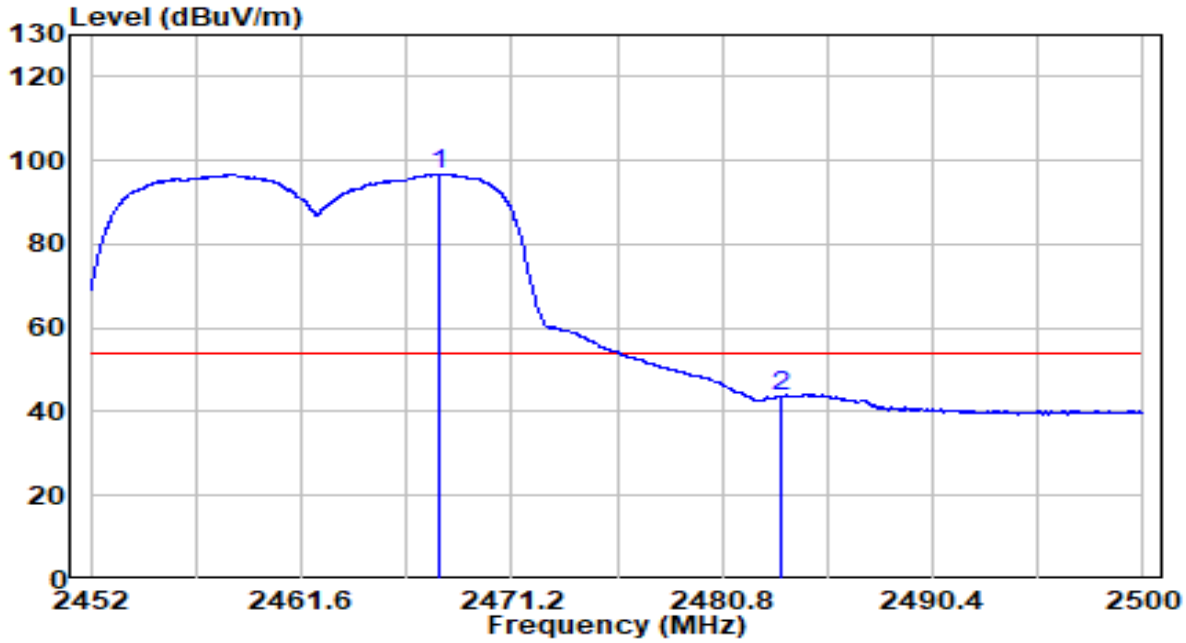
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2467.936	64.18	32.64	96.82	N/A	N/A	Average
2		2483.500	11.06	32.71	43.76	-10.24	54.00	Average

Note:

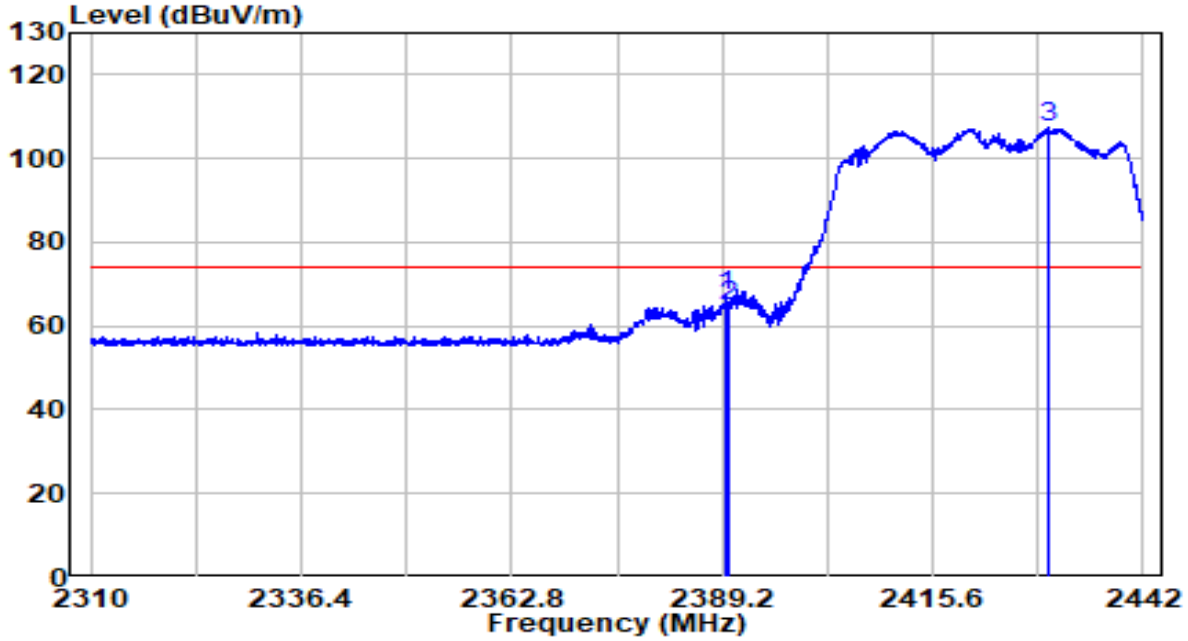
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT40 at Channel 2422MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.596	34.71	32.29	67.00	-7.00	74.00	Peak
2		2390.000	32.29	32.30	64.59	-9.41	74.00	Peak
3	*	2430.120	74.93	32.47	107.40	N/A	N/A	Peak

Note:

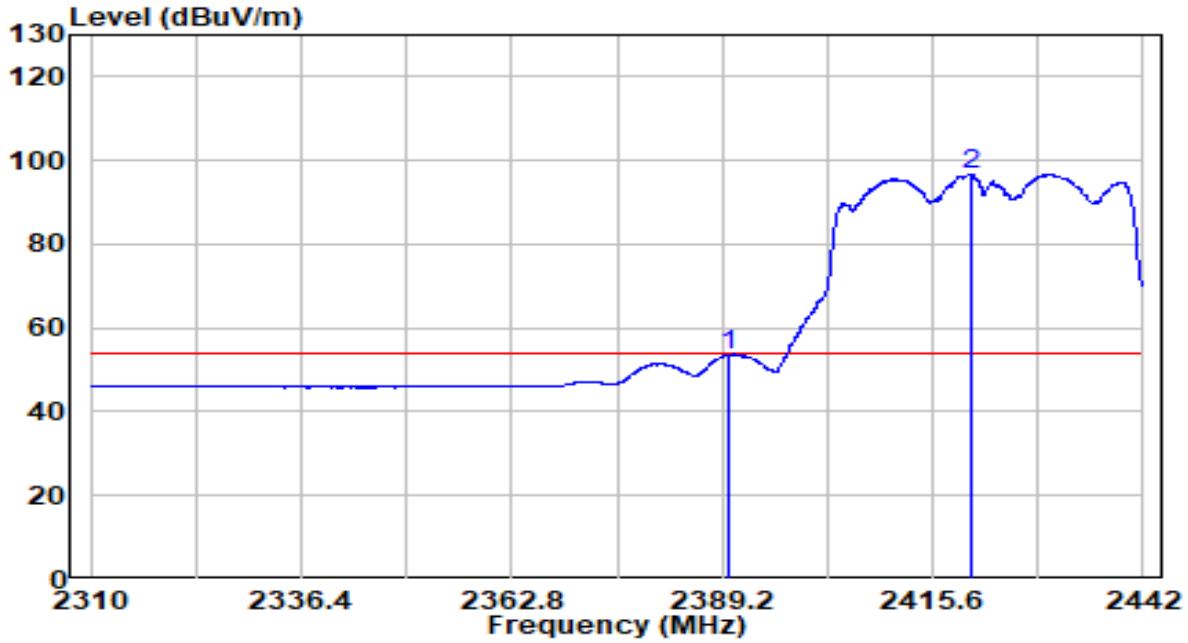
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT40 at Channel 2422MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.992	21.23	32.30	53.52	-0.48	54.00	Average
2	*	2420.484	64.35	32.43	96.78	N/A	N/A	Average

Note:

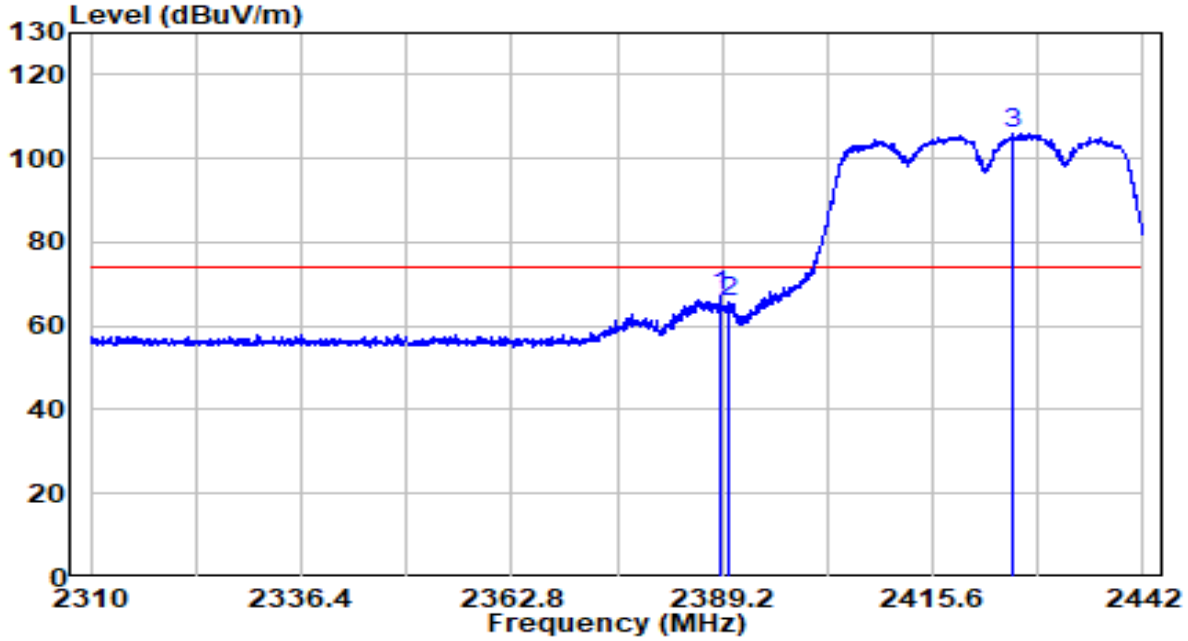
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT40 at Channel 2422MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2388.870	34.89	32.29	67.18	-6.82	74.00	Peak
2		2390.000	33.38	32.30	65.67	-8.33	74.00	Peak
3	*	2425.698	73.39	32.45	105.84	N/A	N/A	Peak

Note:

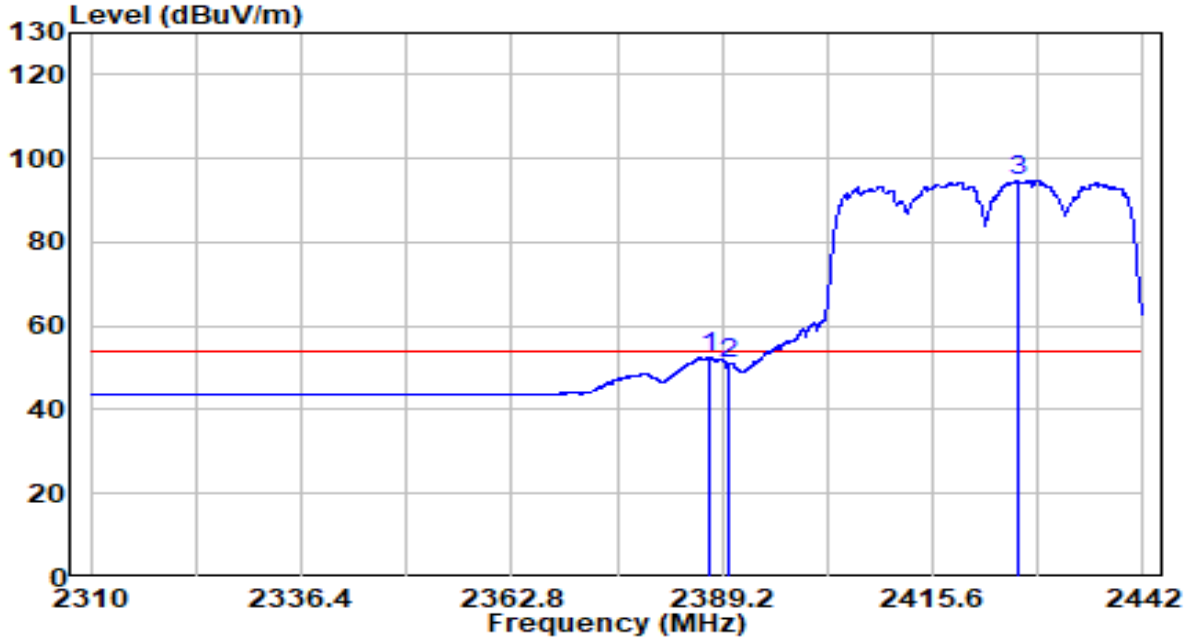
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT40 at Channel 2422MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2387.550	20.15	32.29	52.43	-1.57	54.00	Average
2		2389.992	18.59	32.30	50.89	-3.11	54.00	Average
3	*	2426.226	62.31	32.46	94.76	N/A	N/A	Average

Note:

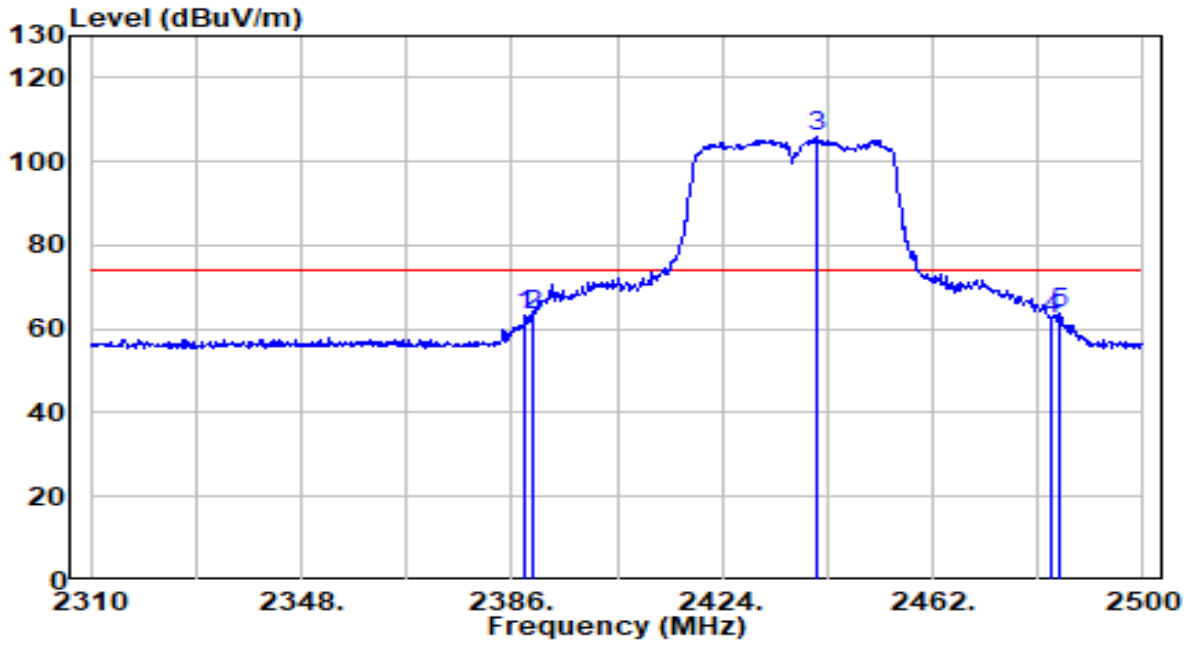
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-07
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	26.2°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT40 at channel 2437	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2388.470	30.93	32.29	63.21	-10.79	74.00	Peak
2		2390.000	31.11	32.30	63.40	-10.60	74.00	Peak
3	*	2440.910	73.41	32.52	105.93	N/A	N/A	Peak
4		2483.500	29.80	32.71	62.51	-11.49	74.00	Peak
5		2484.800	31.23	32.71	63.94	-10.06	74.00	Peak

Note:

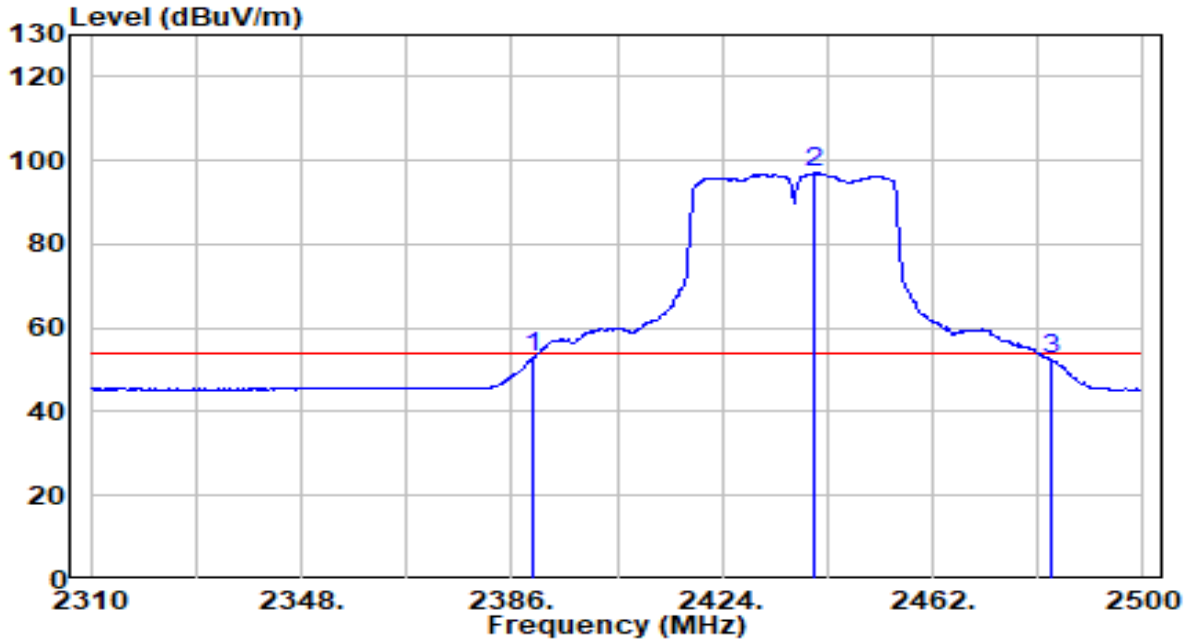
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-07
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	26.2°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT40 at channel 2437	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.990	20.63	32.30	52.92	-1.08	54.00	Average
2	*	2440.720	64.55	32.52	97.07	N/A	N/A	Average
3		2483.500	19.70	32.71	52.40	-1.60	54.00	Average

Note:

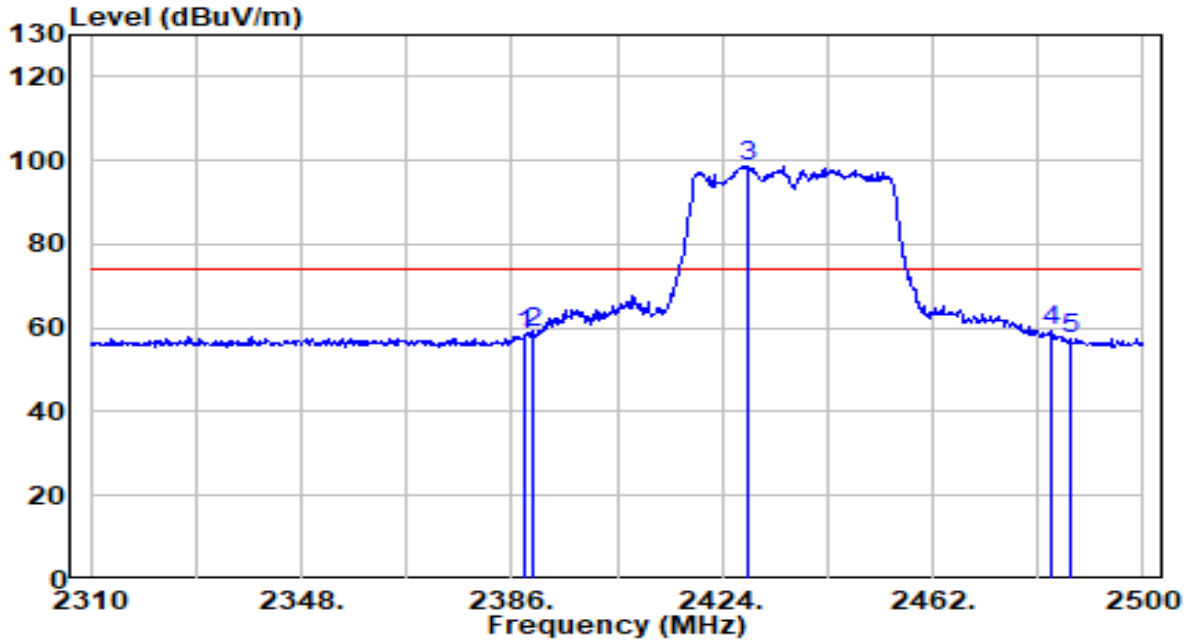
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-07
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	26.2°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT40 at channel 2437	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2388.280	26.28	32.29	58.57	-15.43	74.00	Peak
2		2390.000	26.72	32.30	59.02	-14.98	74.00	Peak
3	*	2428.750	66.35	32.47	98.81	N/A	N/A	Peak
4		2483.500	26.54	32.71	59.25	-14.75	74.00	Peak
5		2487.080	24.83	32.72	57.55	-16.45	74.00	Peak

Note:

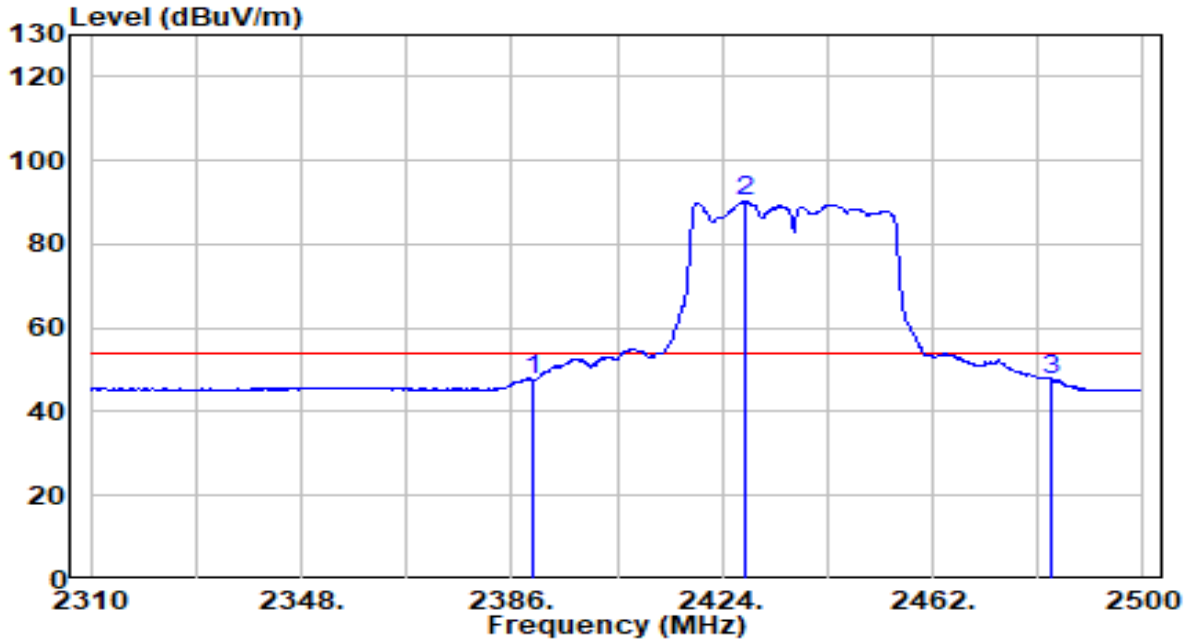
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-07
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	26.2°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT40 at channel 2437	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	15.35	32.30	47.64	-6.36	54.00	Average
2	*	2428.370	57.76	32.46	90.22	N/A	N/A	Average
3		2483.500	15.04	32.71	47.75	-6.25	54.00	Average

Note:

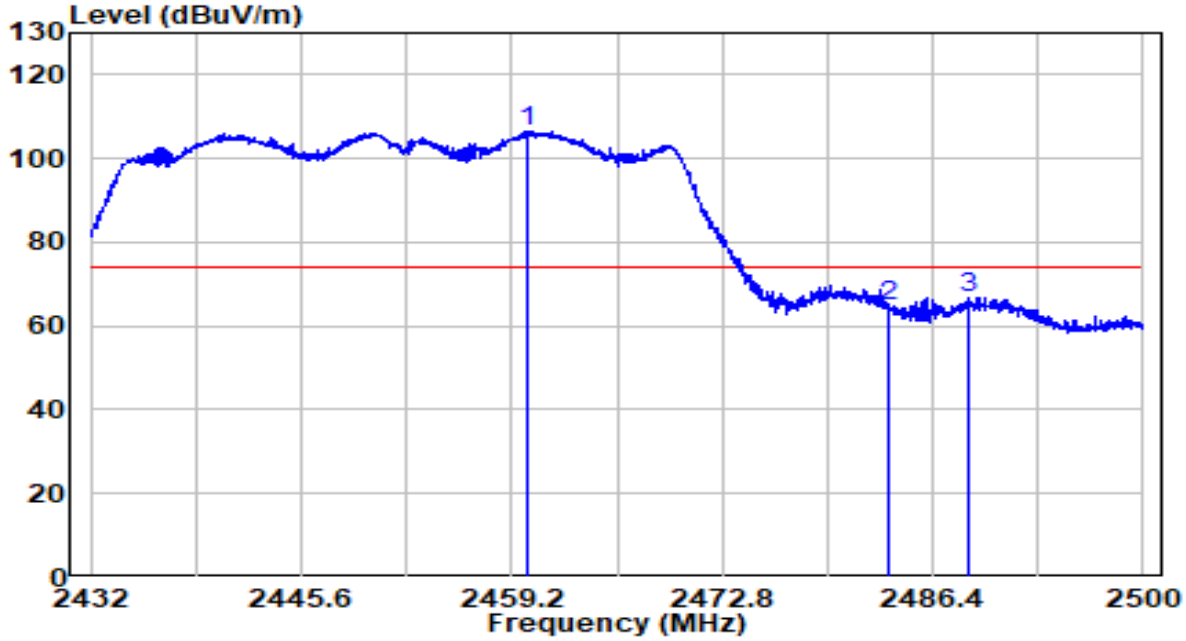
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT40 at Channel 2452MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2460.288	73.97	32.61	106.57	N/A	N/A	Peak
2		2483.500	31.95	32.71	64.65	-9.35	74.00	Peak
3		2488.712	34.14	32.73	66.87	-7.13	74.00	Peak

Note:

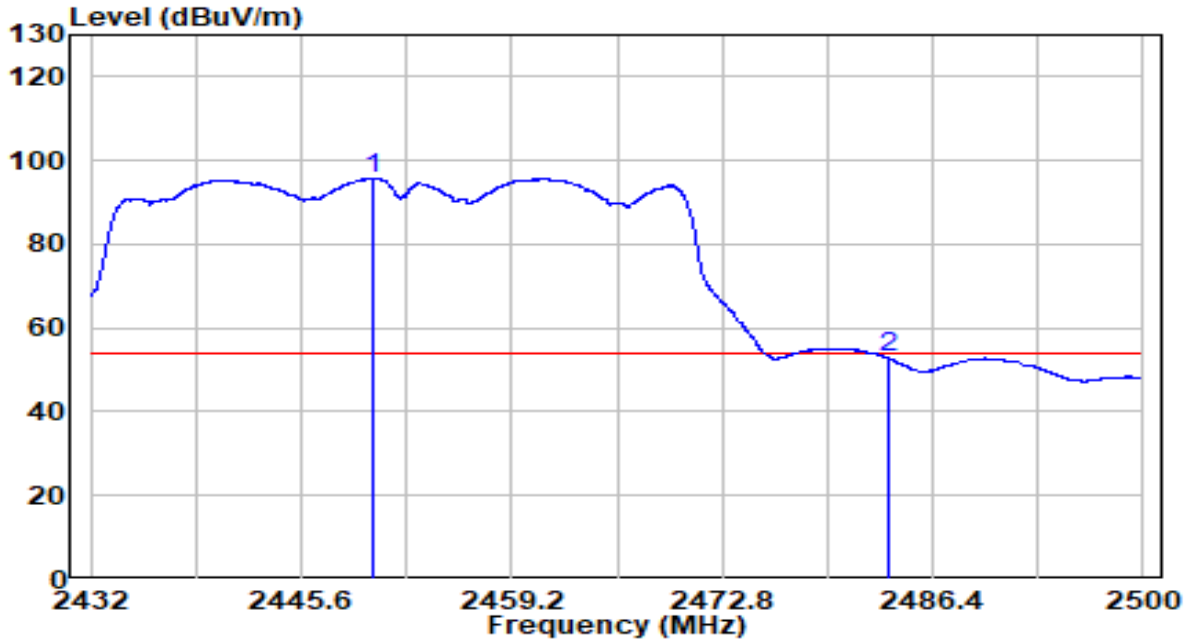
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT40 at Channel 2452MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2450.156	63.21	32.56	95.78	N/A	N/A	Average
2		2483.500	20.18	32.71	52.89	-1.11	54.00	Average

Note:

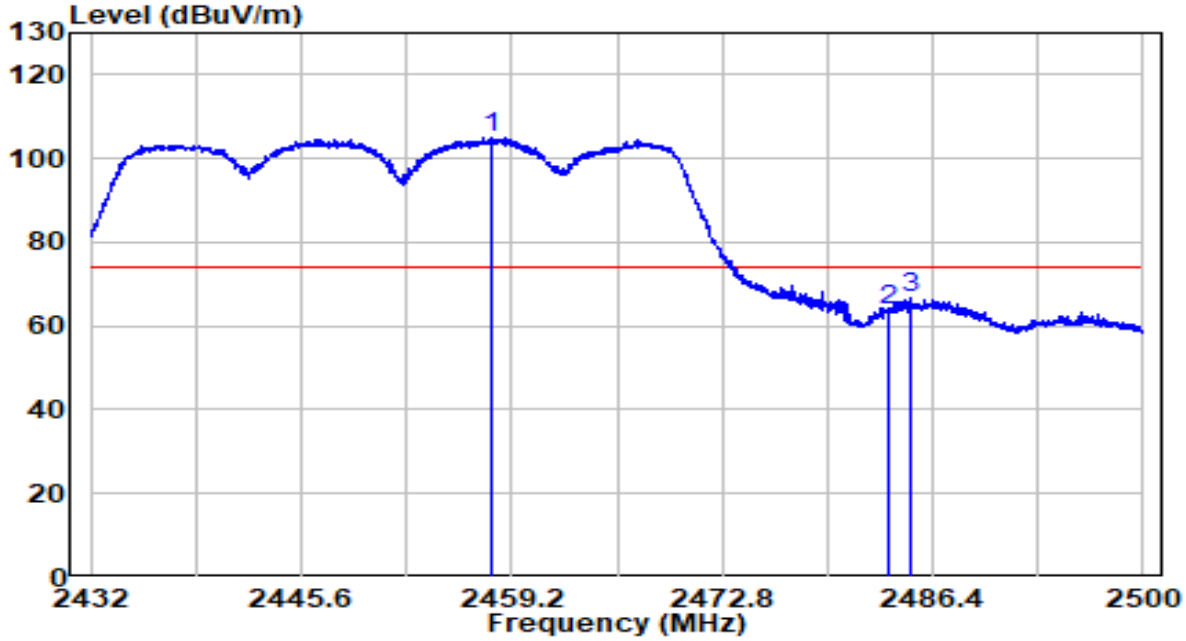
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT40 at Channel 2452MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2457.908	72.23	32.59	104.82	N/A	N/A	Peak
2		2483.500	31.30	32.71	64.01	-9.99	74.00	Peak
3		2485.040	33.93	32.71	66.64	-7.36	74.00	Peak

Note:

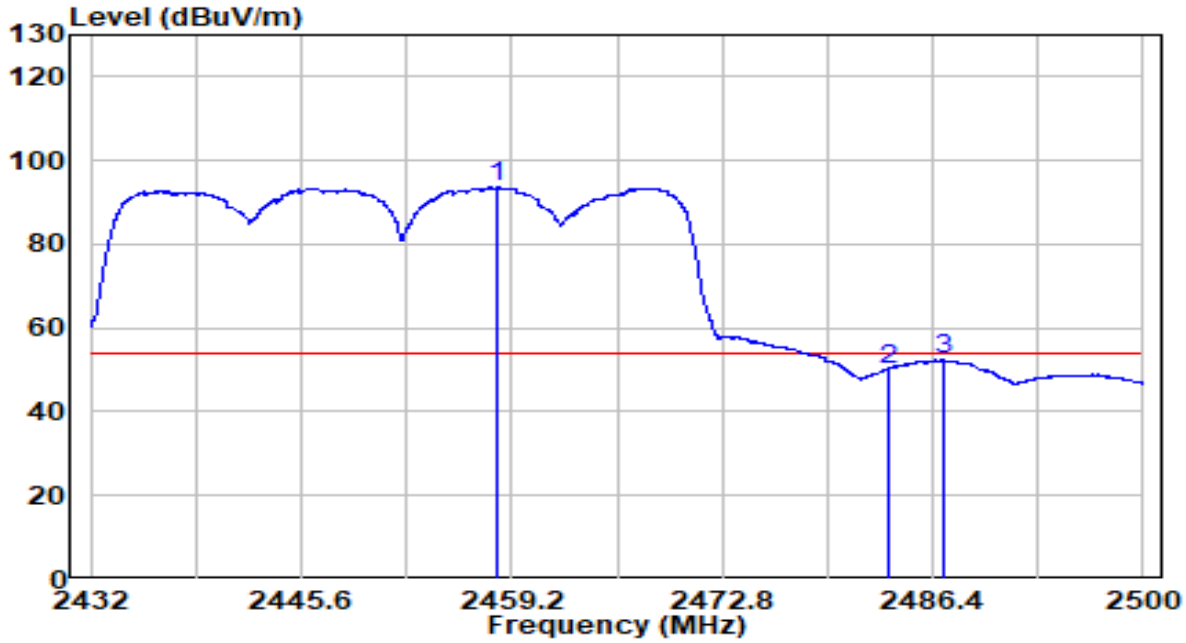
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11n-HT40 at Channel 2452MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2458.282	60.92	32.60	93.51	N/A	N/A	Average
2		2483.510	17.53	32.71	50.24	-3.76	54.00	Average
3		2487.182	19.61	32.72	52.33	-1.67	54.00	Average

Note:

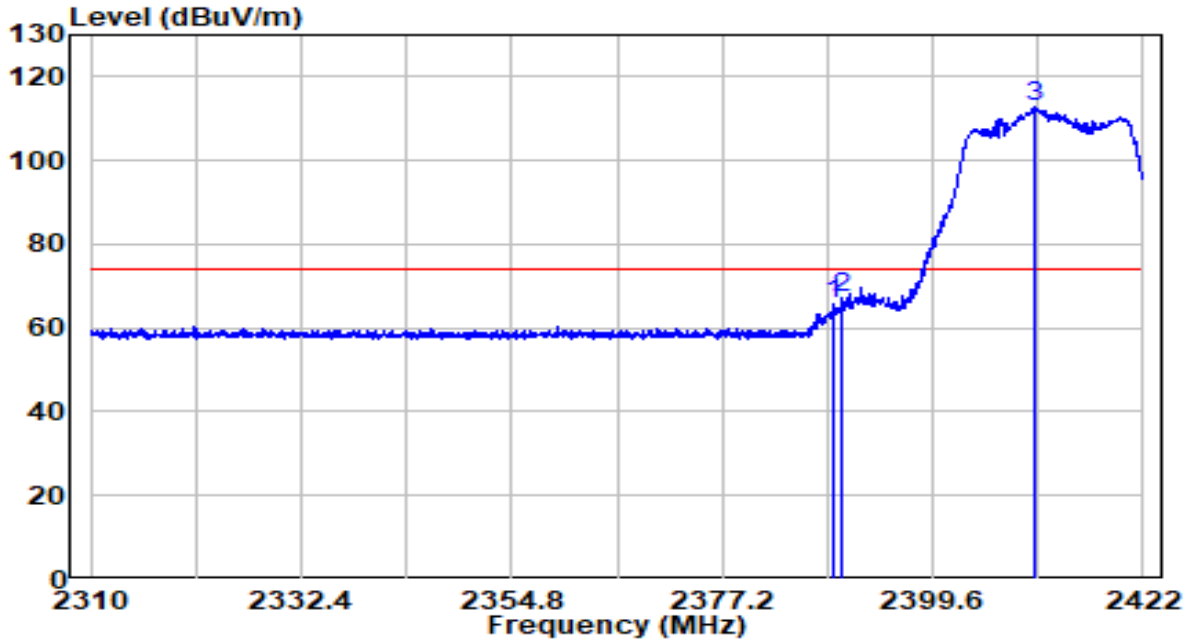
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT20 at Channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.128	33.26	32.29	65.55	-8.45	74.00	Peak
2		2390.000	34.73	32.30	67.02	-6.98	74.00	Peak
3	*	2410.576	80.23	32.39	112.62	N/A	N/A	Peak

Note:

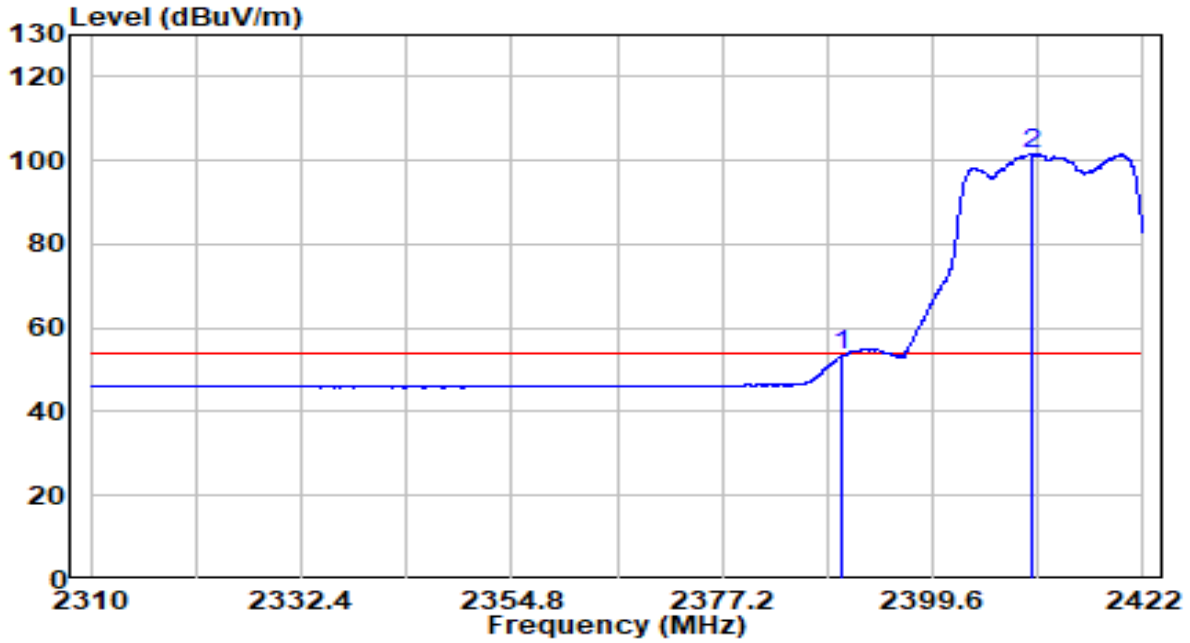
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT20 at Channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.024	20.95	32.30	53.24	-0.76	54.00	Average
2	*	2410.240	69.17	32.39	101.56	N/A	N/A	Average

Note:

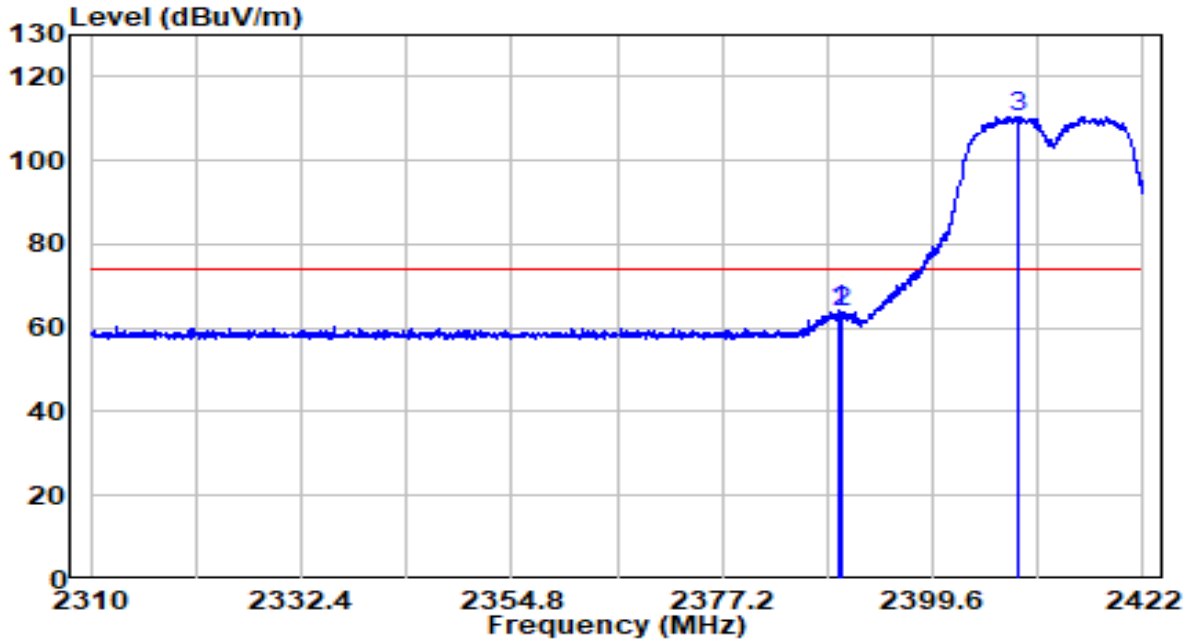
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT20 at Channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.744	31.78	32.29	64.07	-9.93	74.00	Peak
2		2390.000	31.45	32.30	63.75	-10.25	74.00	Peak
3	*	2408.672	78.09	32.38	110.47	N/A	N/A	Peak

Note:

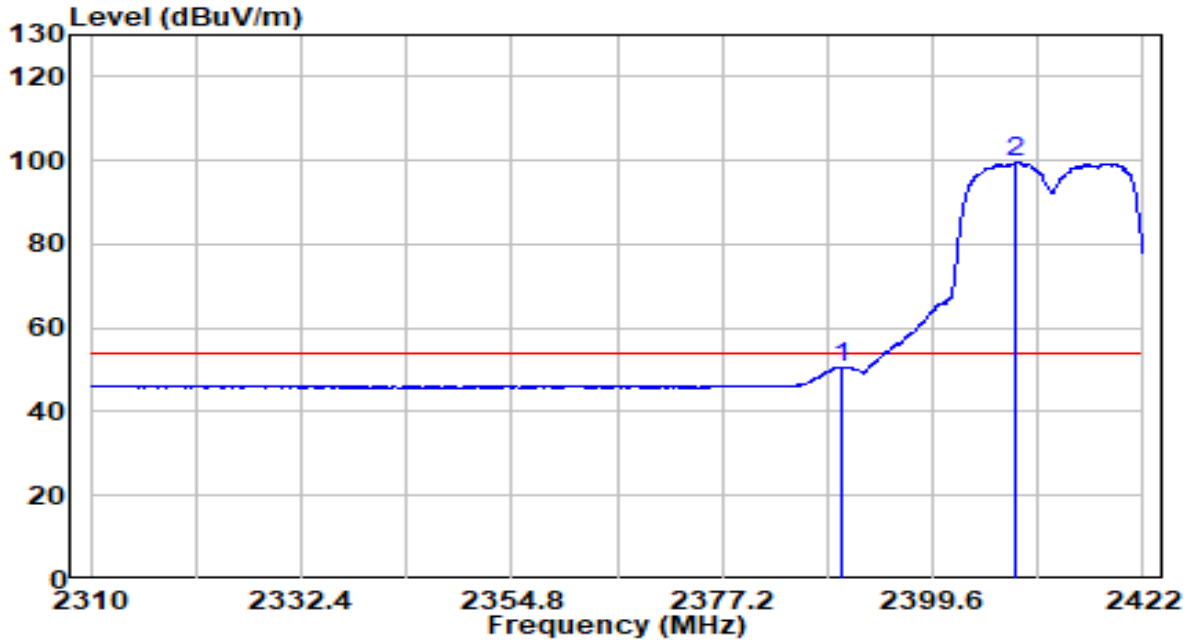
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT20 at Channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.024	18.30	32.30	50.60	-3.40	54.00	Average
2	*	2408.504	67.21	32.38	99.59	N/A	N/A	Average

Note:

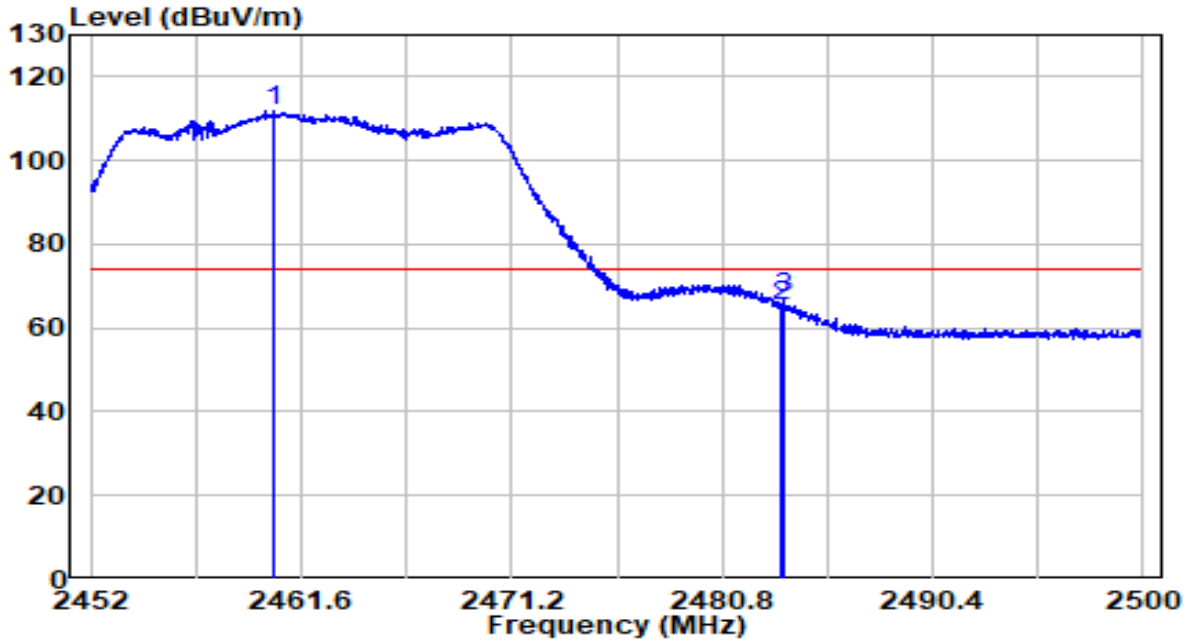
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT20 at Channel 2462MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2460.352	79.18	32.61	111.79	N/A	N/A	Peak
2		2483.500	32.62	32.71	65.33	-8.67	74.00	Peak
3		2483.608	34.30	32.71	67.01	-6.99	74.00	Peak

Note:

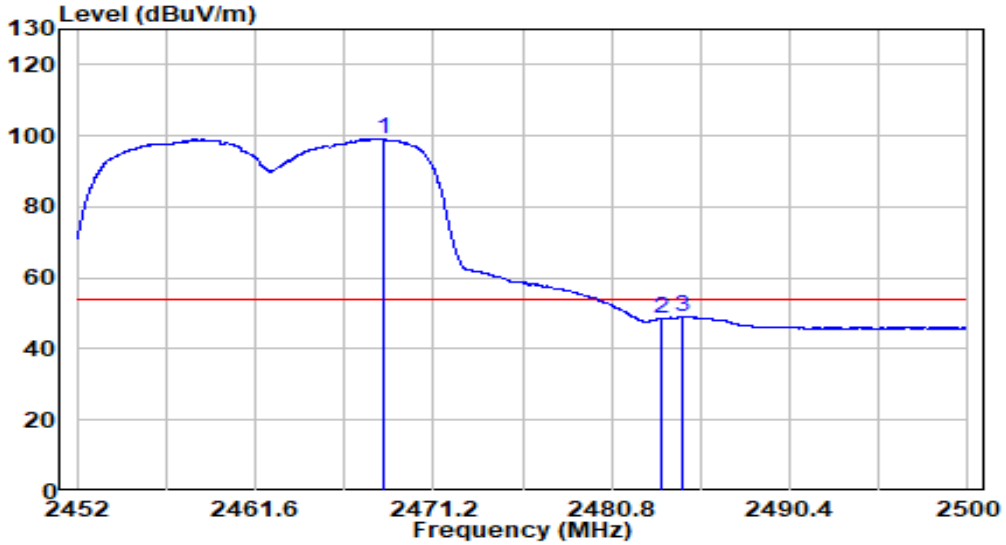
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT20 at Channel 2462MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2468.512	66.45	32.64	99.09	N/A	N/A	Average
2		2483.500	15.75	32.71	48.46	-5.54	54.00	Average
3		2484.664	16.28	32.71	48.99	-5.01	54.00	Average

Note:

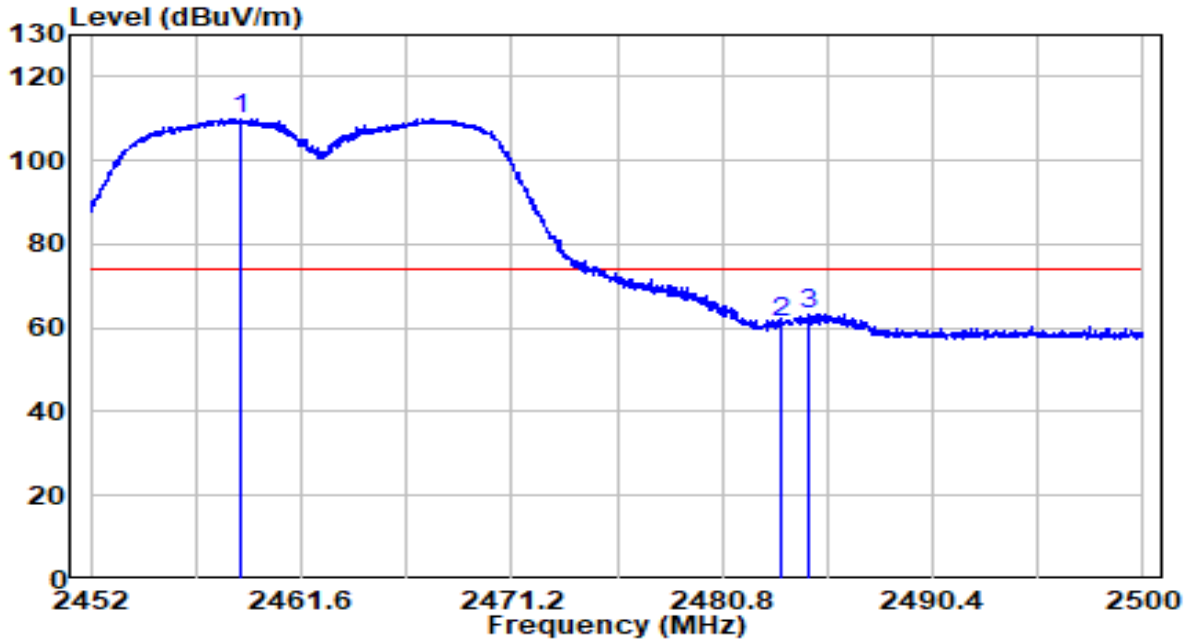
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT20 at Channel 2462MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2458.816	77.50	32.60	110.10	N/A	N/A	Peak
2		2483.488	28.78	32.71	61.48	-12.52	74.00	Peak
3		2484.784	30.78	32.71	63.50	-10.50	74.00	Peak

Note:

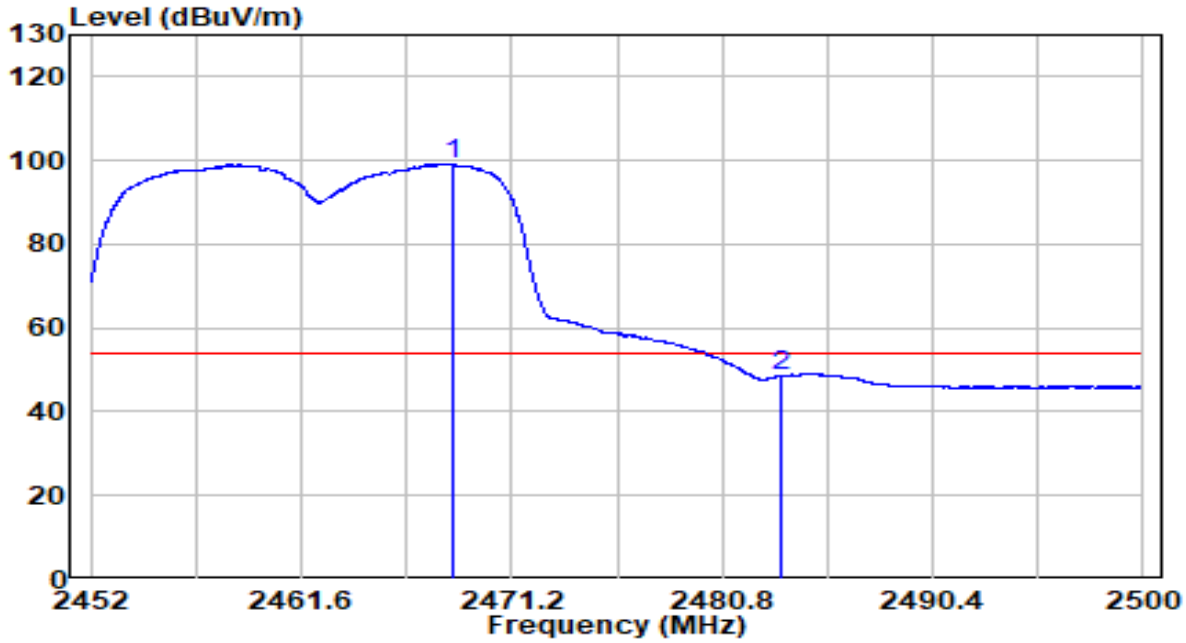
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT20 at Channel 2462MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2468.512	66.45	32.64	99.09	N/A	N/A	Average
2		2483.500	15.75	32.71	48.46	-5.54	54.00	Average

Note:

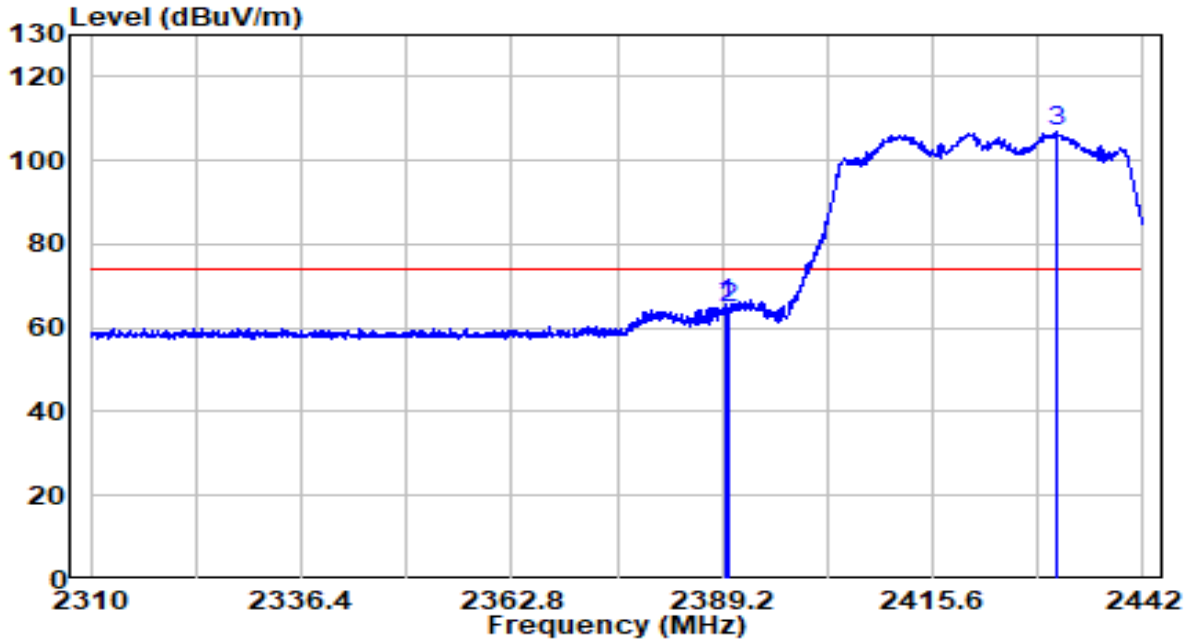
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT40 at Channel 2422MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.530	33.24	32.29	65.53	-8.47	74.00	Peak
2		2390.000	32.36	32.30	64.66	-9.34	74.00	Peak
3	*	2431.176	74.49	32.48	106.96	N/A	N/A	Peak

Note:

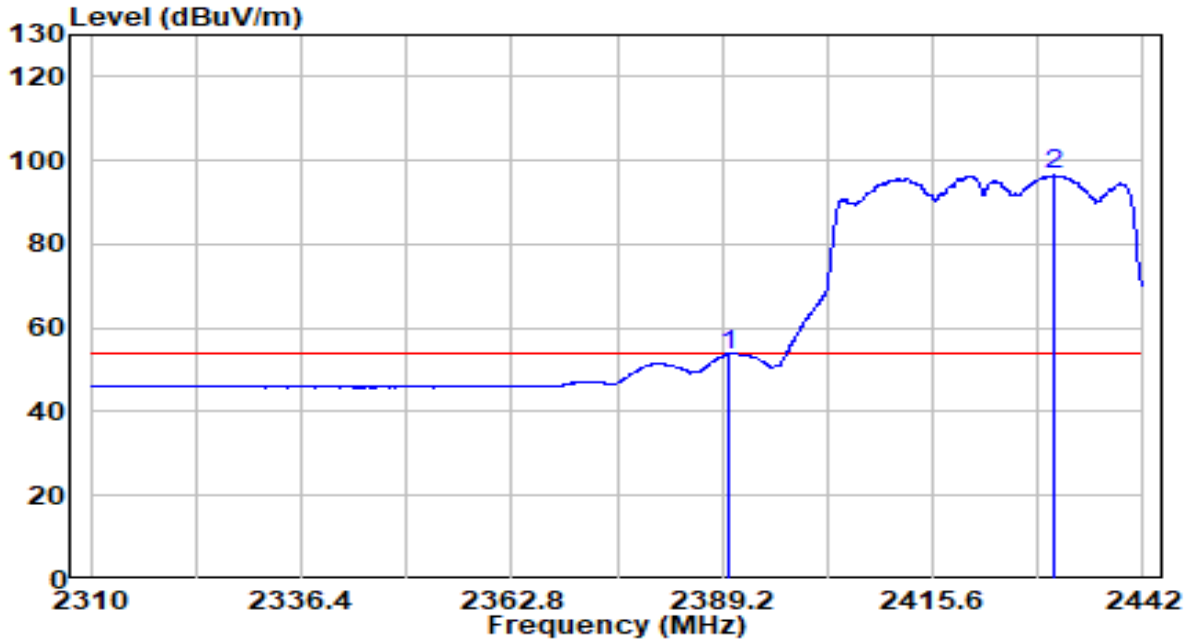
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT40 at Channel 2422MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.992	21.35	32.30	53.65	-0.35	54.00	Average
2	*	2430.978	64.07	32.48	96.55	N/A	N/A	Average

Note:

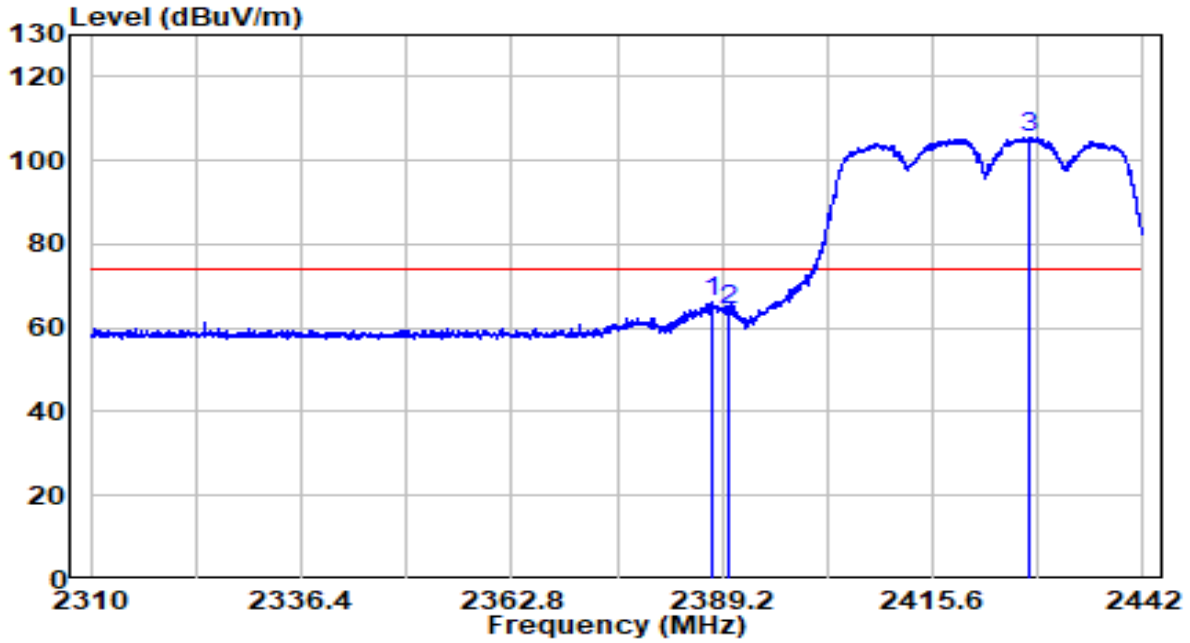
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT40 at Channel 2422MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2387.814	33.91	32.29	66.19	-7.81	74.00	Peak
2		2390.000	32.03	32.30	64.33	-9.67	74.00	Peak
3	*	2427.546	73.12	32.46	105.58	N/A	N/A	Peak

Note:

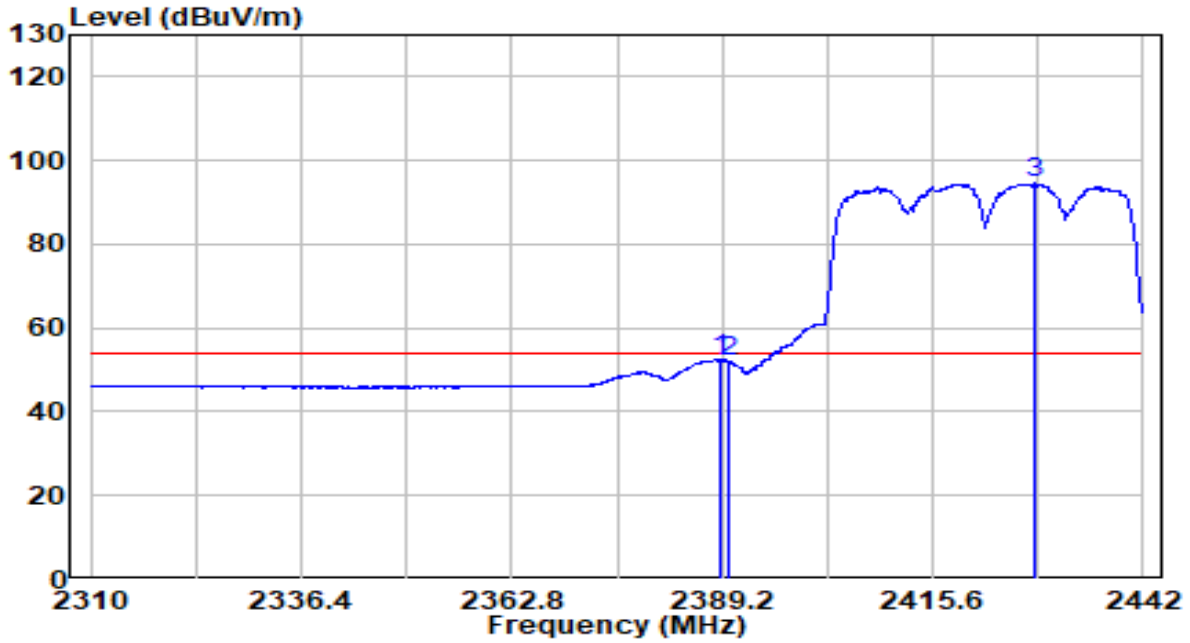
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT40 at Channel 2422MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2388.870	20.22	32.29	52.51	-1.49	54.00	Average
2		2390.000	19.70	32.30	52.00	-2.00	54.00	Average
3	*	2428.536	62.00	32.47	94.47	N/A	N/A	Average

Note:

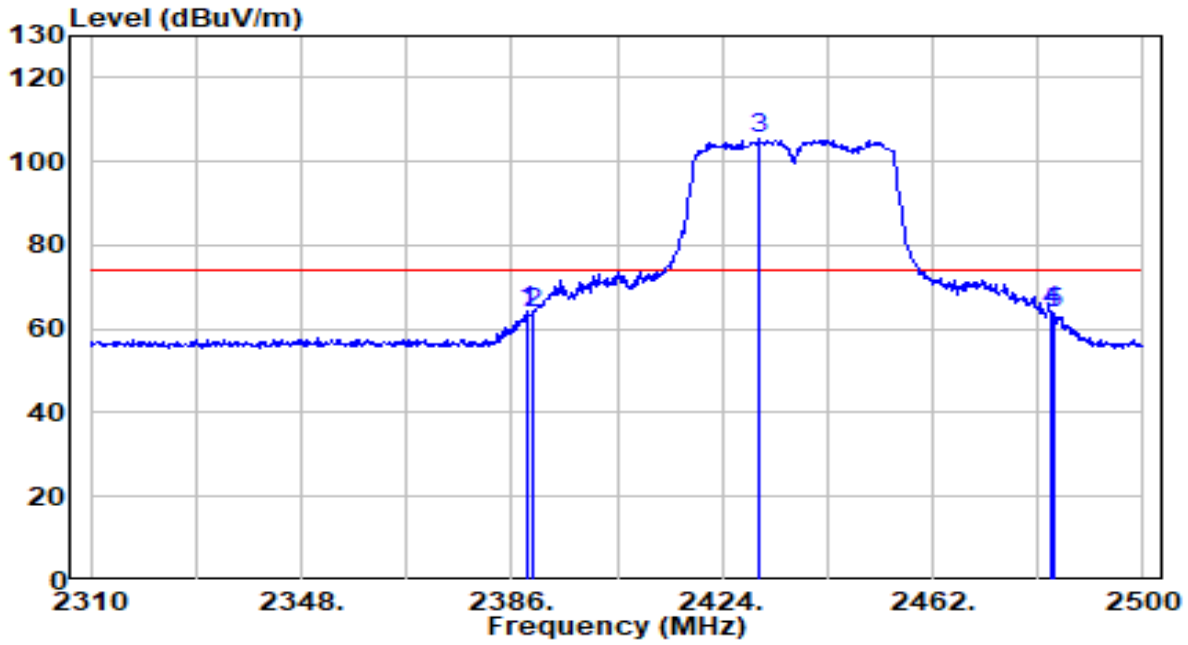
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-07
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	26.2°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT40 at channel 2437MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.040	31.97	32.29	64.26	-9.74	74.00	Peak
2		2390.000	31.65	32.30	63.95	-10.05	74.00	Peak
3	*	2430.650	72.81	32.47	105.29	N/A	N/A	Peak
4		2483.500	31.69	32.71	64.40	-9.60	74.00	Peak
5		2484.040	31.27	32.71	63.98	-10.02	74.00	Peak

Note:

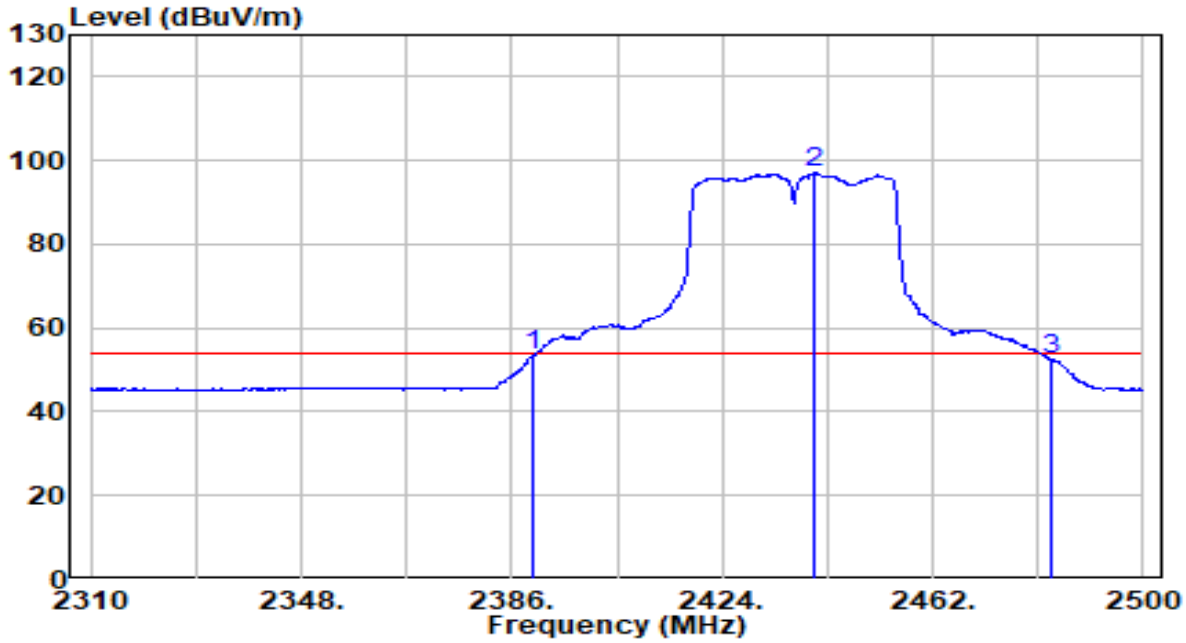
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-07
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	26.2°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT40 at channel 2437MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	21.21	32.30	53.51	-0.49	54.00	Average
2	*	2440.530	64.42	32.52	96.93	N/A	N/A	Average
3		2483.500	19.77	32.71	52.48	-1.52	54.00	Average

Note:

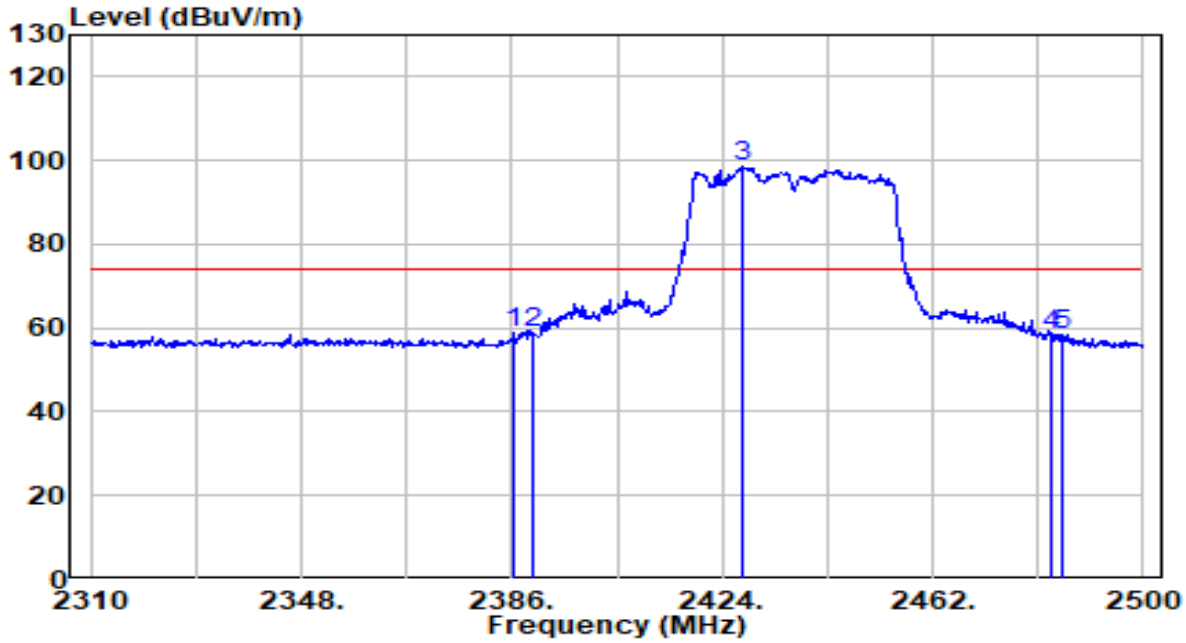
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-07
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	26.2°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT40 at channel 2437MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2386.570	26.50	32.28	58.78	-15.22	74.00	Peak
2		2390.000	26.66	32.30	58.96	-15.04	74.00	Peak
3	*	2427.610	66.08	32.46	98.54	N/A	N/A	Peak
4		2483.500	25.52	32.71	58.22	-15.78	74.00	Peak
5		2485.560	25.74	32.72	58.45	-15.55	74.00	Peak

Note:

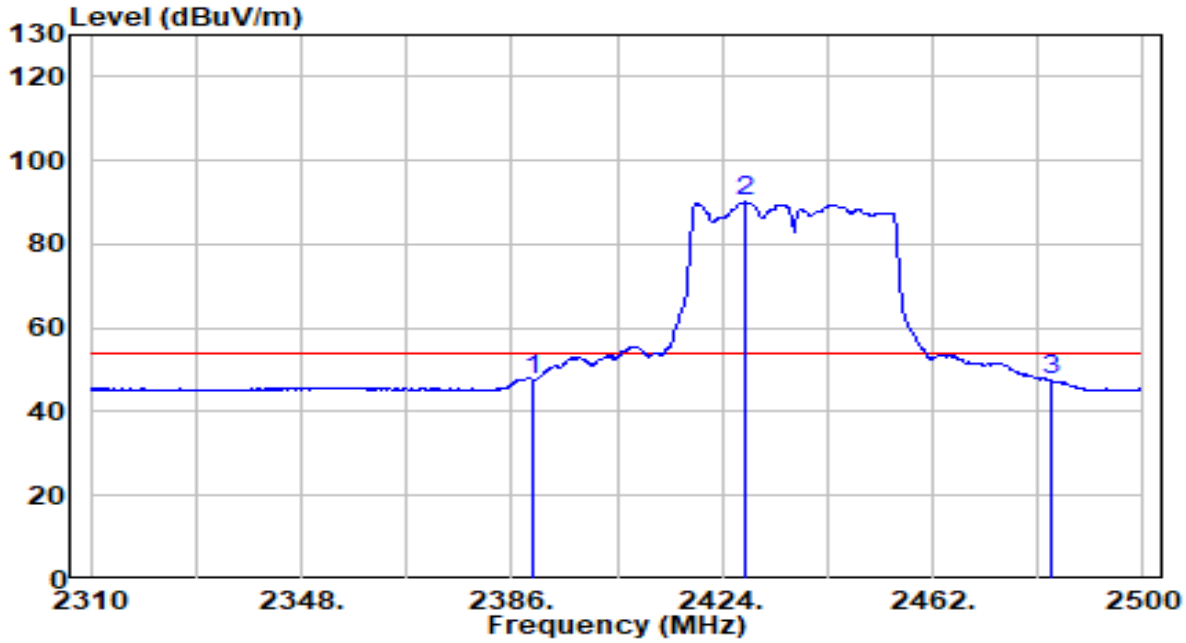
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-07
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	26.2°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT40 at channel 2437MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	15.37	32.30	47.67	-6.33	54.00	Average
2	*	2428.180	57.57	32.46	90.03	N/A	N/A	Average
3		2483.500	15.09	32.71	47.80	-6.20	54.00	Average

Note:

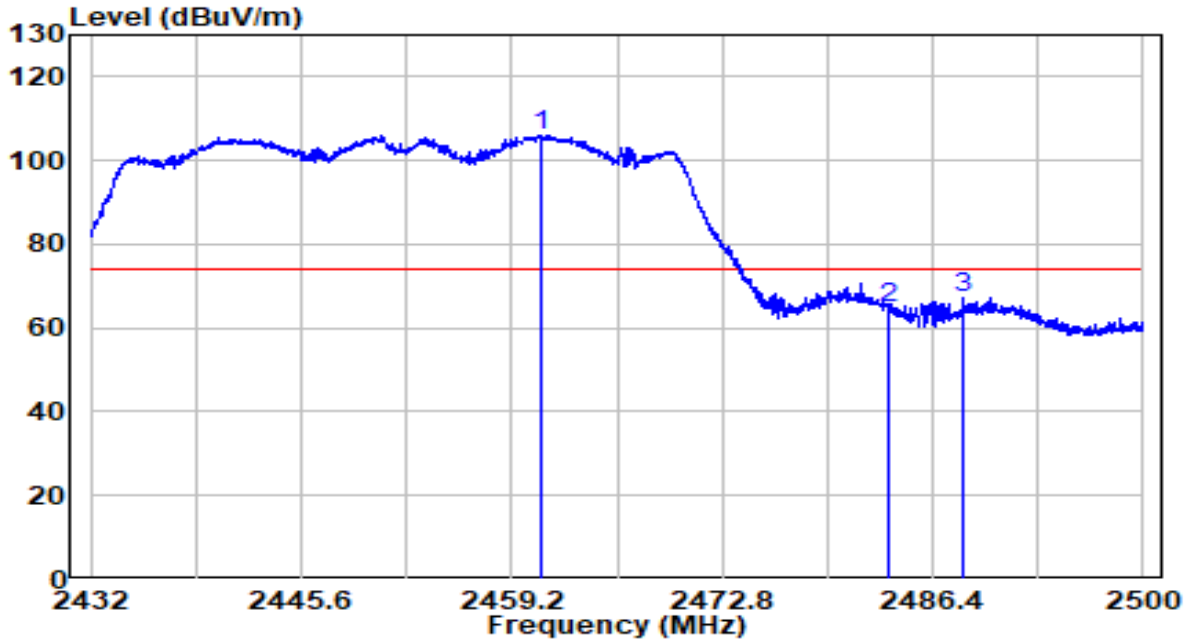
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT40 at Channel 2452MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2461.036	73.41	32.61	106.02	N/A	N/A	Peak
2		2483.500	31.84	32.71	64.55	-9.45	74.00	Peak
3		2488.372	34.58	32.73	67.31	-6.69	74.00	Peak

Note:

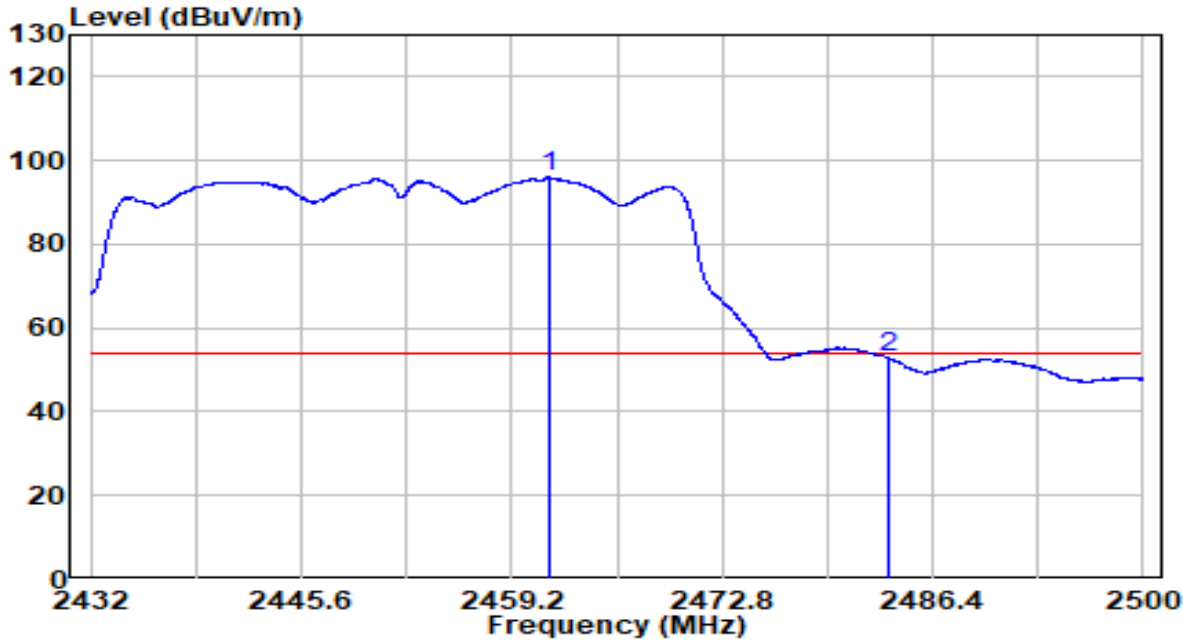
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT40 at Channel 2452MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2461.580	63.37	32.61	95.99	N/A	N/A	Average
2		2483.500	20.12	32.71	52.82	-1.18	54.00	Average

Note:

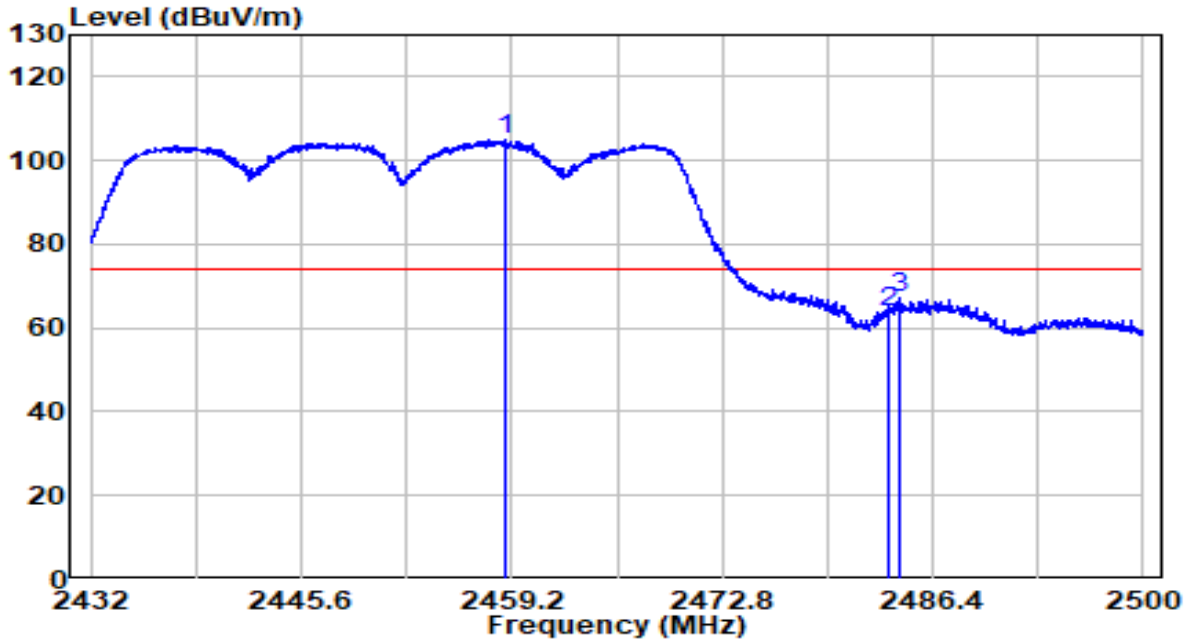
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT40 at Channel 2452MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2458.758	72.31	32.60	104.91	N/A	N/A	Peak
2		2483.500	31.18	32.71	63.89	-10.11	74.00	Peak
3		2484.292	34.27	32.71	66.98	-7.02	74.00	Peak

Note:

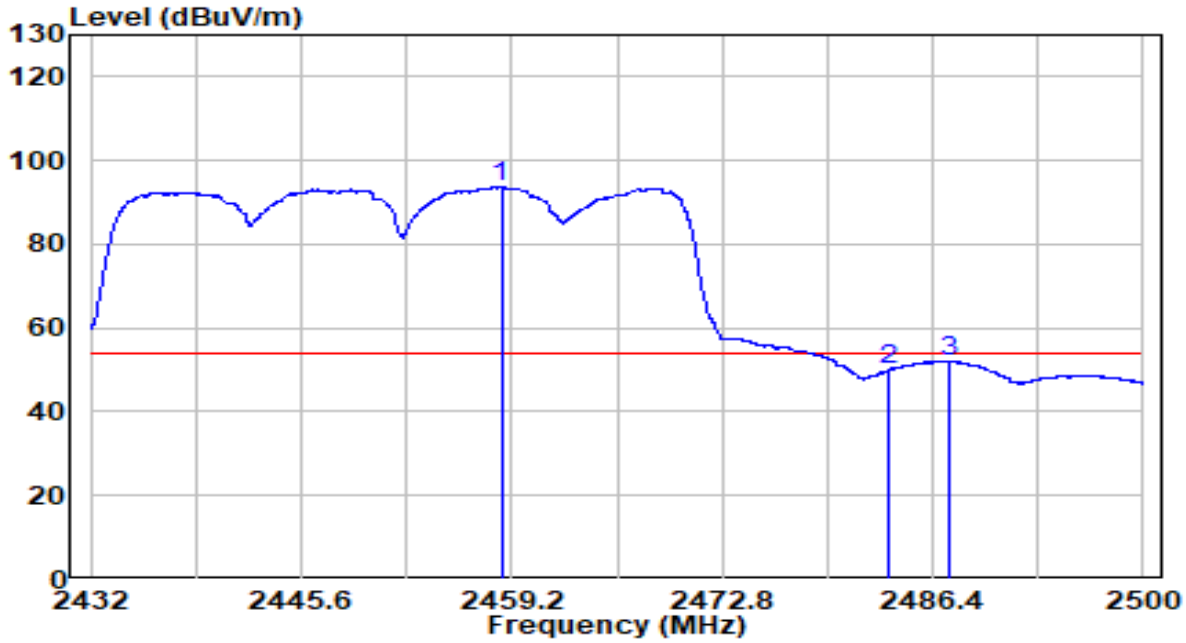
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by VHT40 at Channel 2452MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2458.520	61.27	32.60	93.87	N/A	N/A	Average
2		2483.500	17.19	32.71	49.90	-4.10	54.00	Average
3		2487.386	19.44	32.72	52.16	-1.84	54.00	Average

Note:

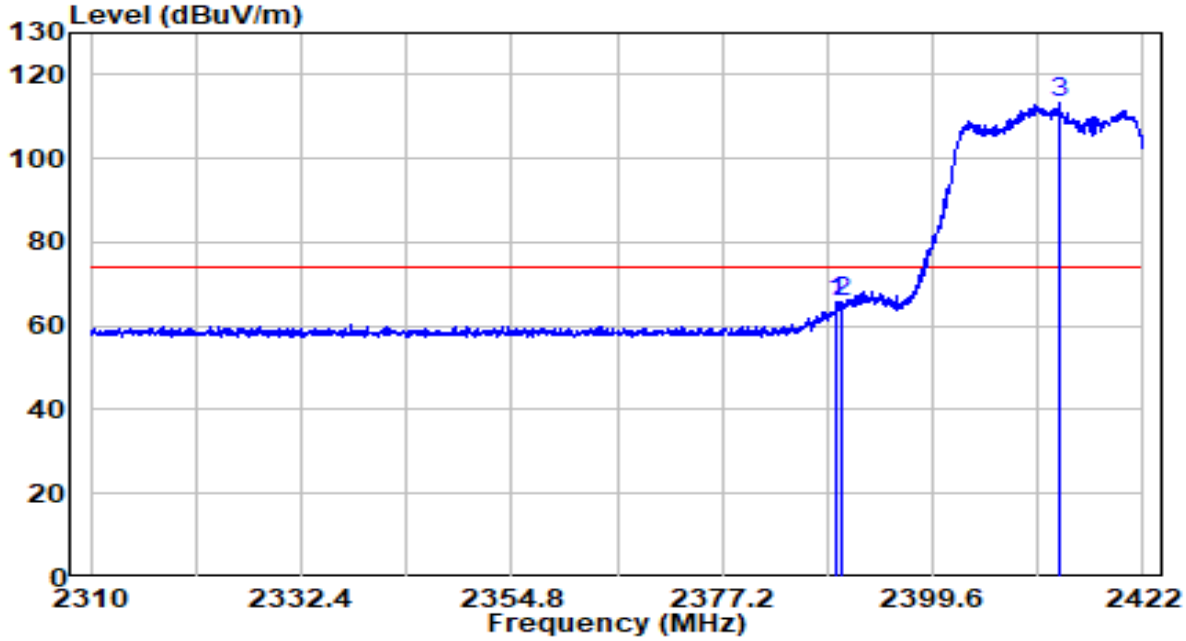
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at Channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.464	33.35	32.29	65.64	-8.36	74.00	Peak
2		2390.000	33.26	32.30	65.56	-8.44	74.00	Peak
3	*	2413.152	80.81	32.40	113.21	N/A	N/A	Peak

Note:

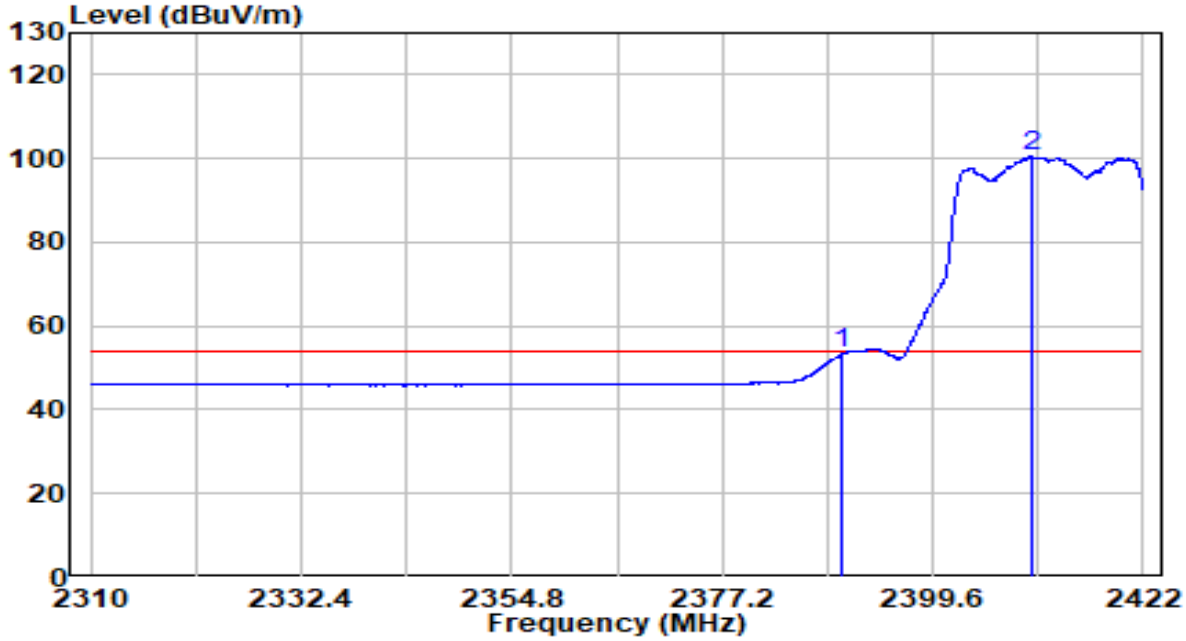
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at Channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.024	20.94	32.30	53.23	-0.77	54.00	Average
2	*	2410.072	67.97	32.38	100.36	N/A	N/A	Average

Note:

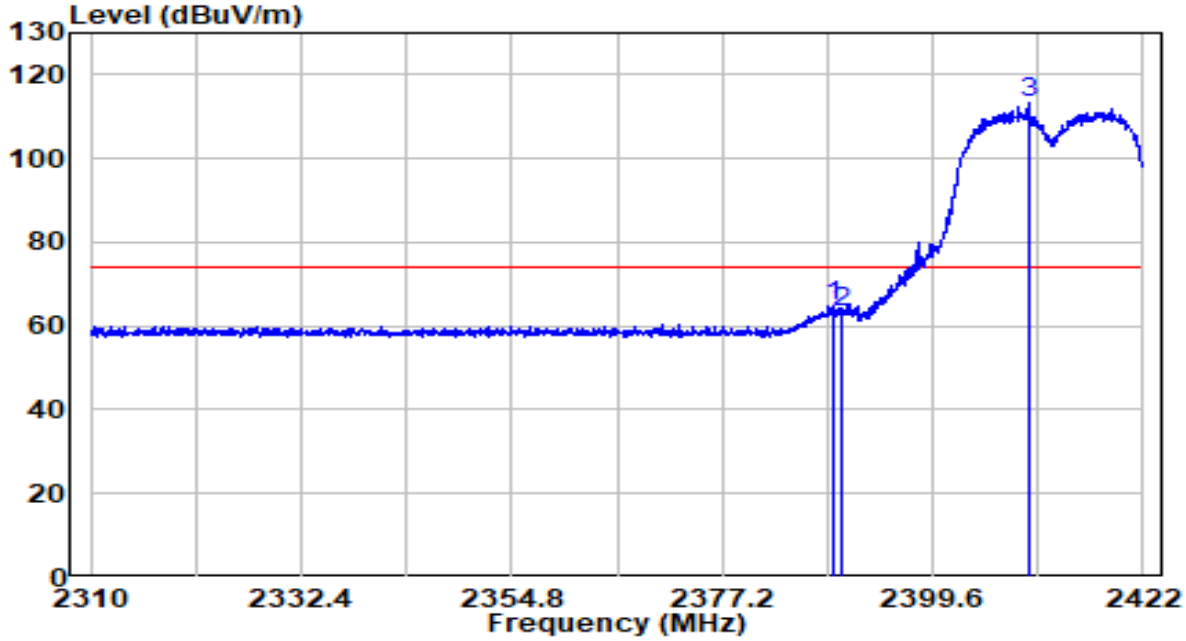
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at Channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.128	32.50	32.29	64.79	-9.21	74.00	Peak
2		2390.000	30.93	32.30	63.23	-10.77	74.00	Peak
3	*	2409.736	81.02	32.38	113.40	N/A	N/A	Peak

Note:

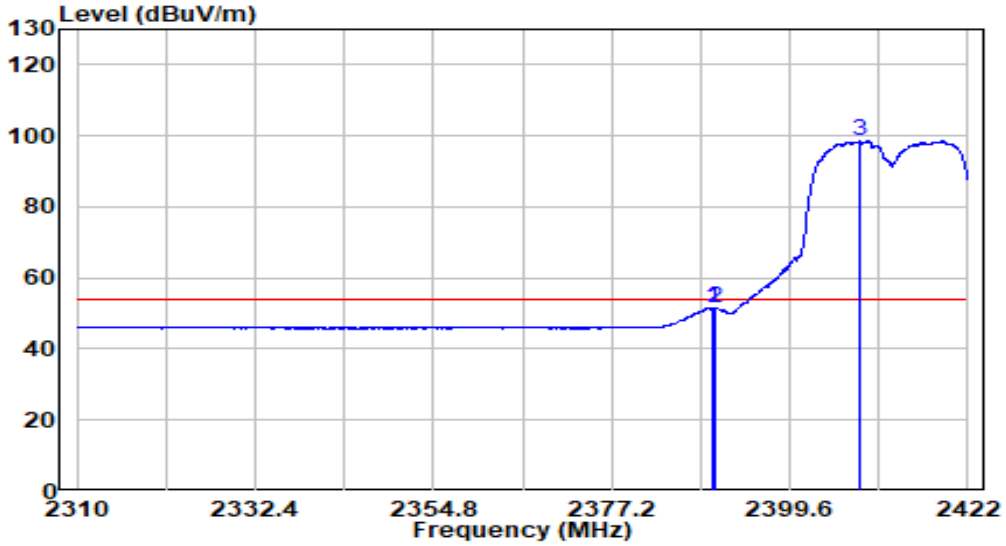
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at Channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	19.00	32.30	51.30	-2.70	54.00	Average
2		2390.192	19.12	32.30	51.42	-2.58	54.00	Average
3	*	2408.280	66.14	32.38	98.51	N/A	N/A	Average

Note:

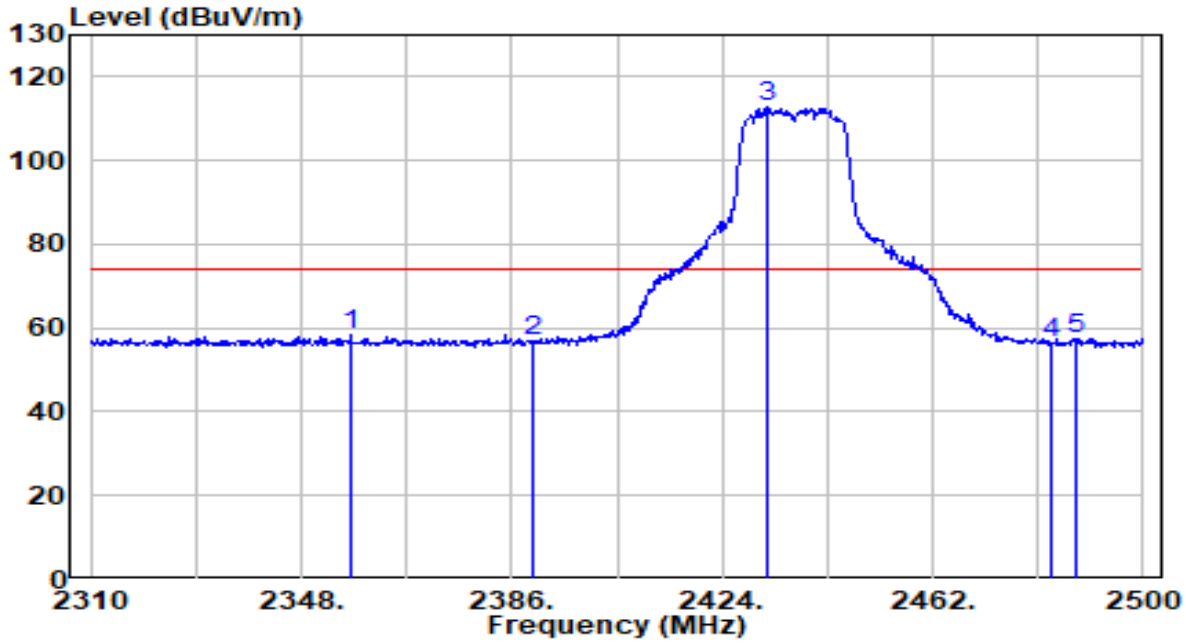
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-07
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	26.2°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at channel 2437MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2356.930	26.04	32.15	58.19	-15.81	74.00	Peak
2		2390.000	24.83	32.30	57.12	-16.88	74.00	Peak
3	*	2432.360	80.23	32.48	112.72	N/A	N/A	Peak
4		2483.500	23.59	32.71	56.30	-17.70	74.00	Peak
5		2488.030	24.59	32.73	57.32	-16.68	74.00	Peak

Note:

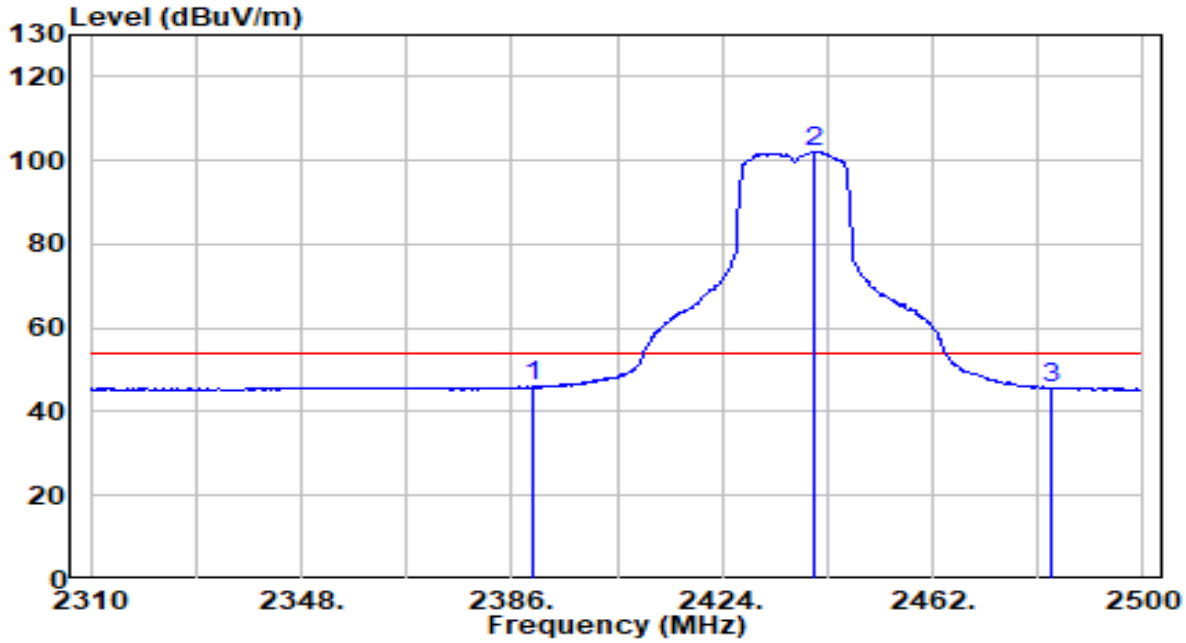
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-07
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	26.2°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at channel 2437MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	13.66	32.30	45.96	-8.04	54.00	Average
2	*	2440.720	69.70	32.52	102.22	N/A	N/A	Average
3		2483.500	12.87	32.71	45.58	-8.42	54.00	Average

Note:

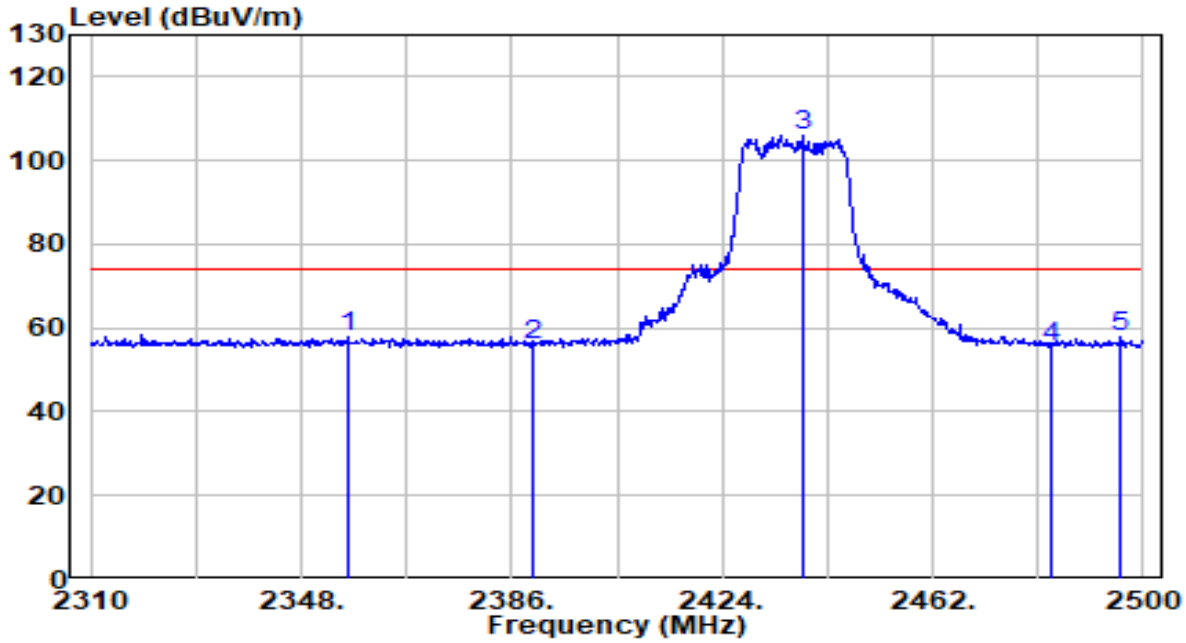
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-07
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	26.2°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at channel 2437MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2356.360	25.51	32.15	57.66	-16.34	74.00	Peak
2		2390.000	23.76	32.30	56.05	-17.95	74.00	Peak
3	*	2438.440	73.51	32.51	106.02	N/A	N/A	Peak
4		2483.500	22.90	32.71	55.61	-18.39	74.00	Peak
5		2496.010	24.95	32.76	57.71	-16.29	74.00	Peak

Note:

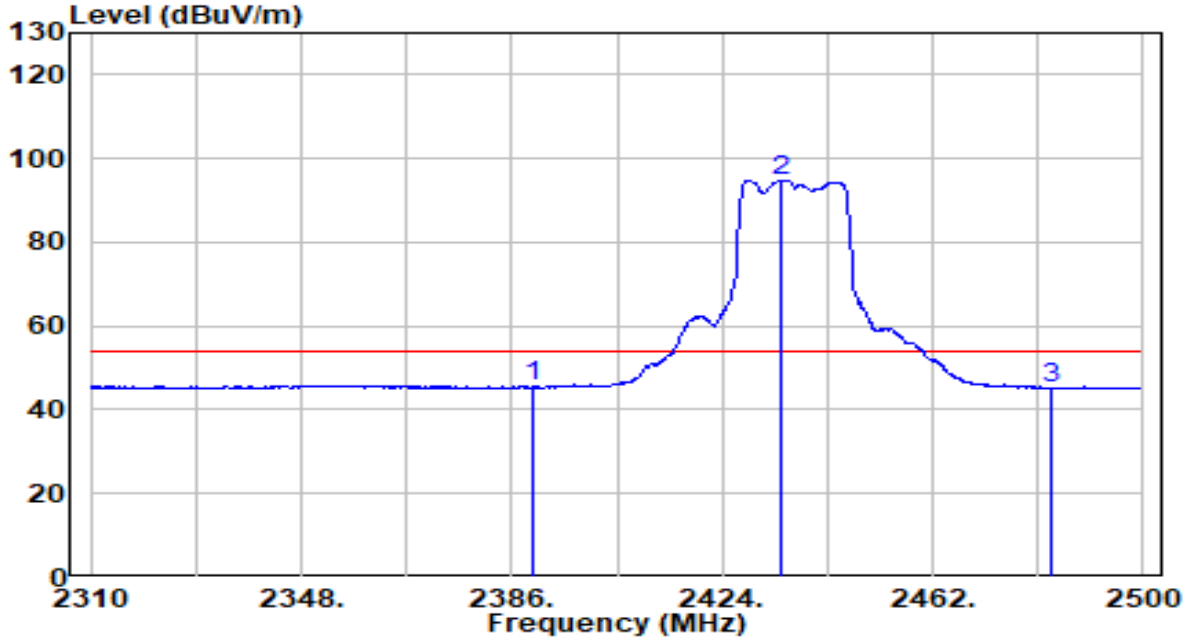
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-07
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	26.2°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at channel 2437MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	13.08	32.30	45.38	-8.62	54.00	Average
2	*	2434.830	62.43	32.49	94.92	N/A	N/A	Average
3		2483.500	12.65	32.71	45.36	-8.64	54.00	Average

Note:

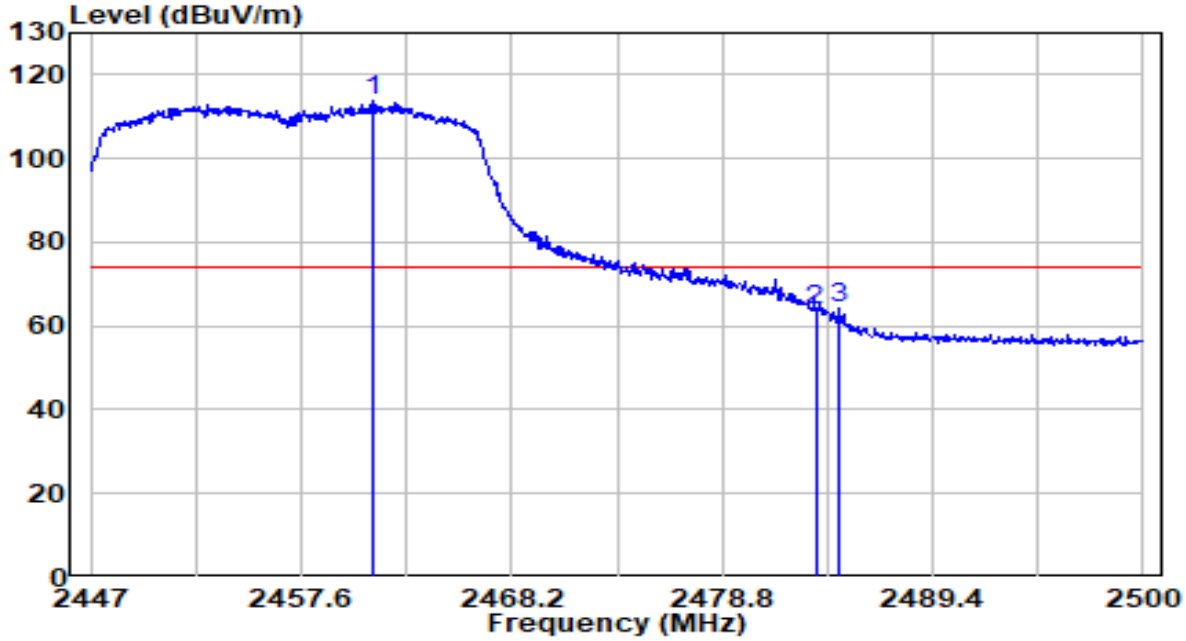
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-07
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	26.2°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at channel 2457MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2461.151	81.34	32.61	113.95	N/A	N/A	Peak
2		2483.500	31.22	32.71	63.93	-10.07	74.00	Peak
3		2484.736	31.76	32.71	64.47	-9.53	74.00	Peak

Note:

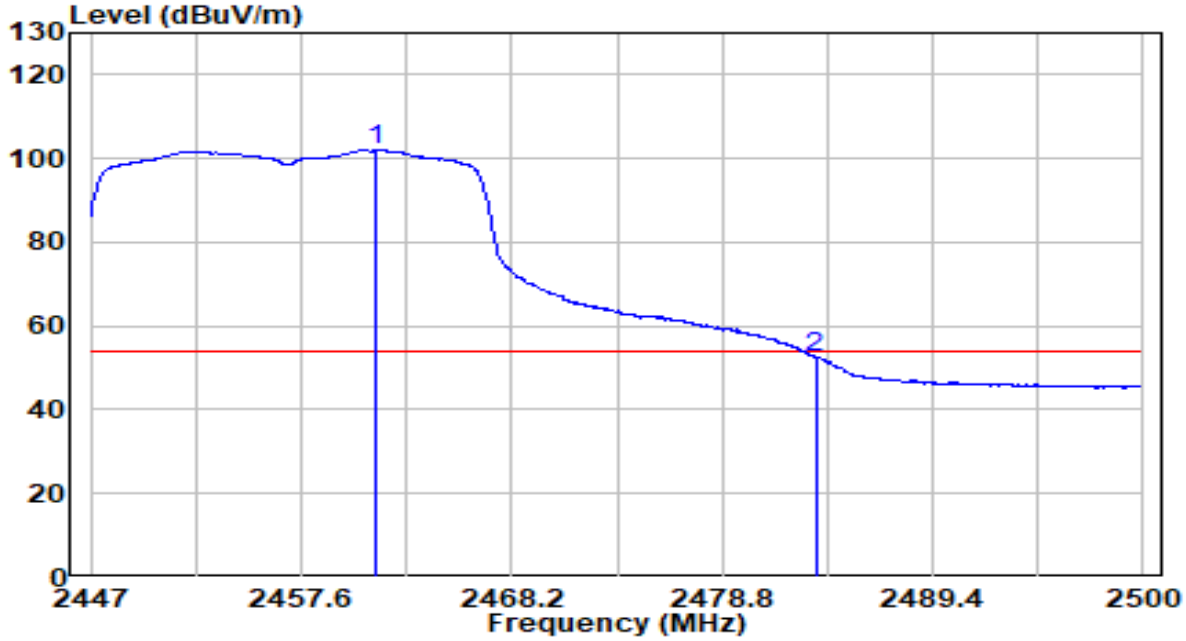
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-07
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	26.2°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at channel 2457MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2461.310	69.40	32.61	102.01	N/A	N/A	Average
2		2483.500	19.78	32.71	52.49	-1.51	54.00	Average

Note:

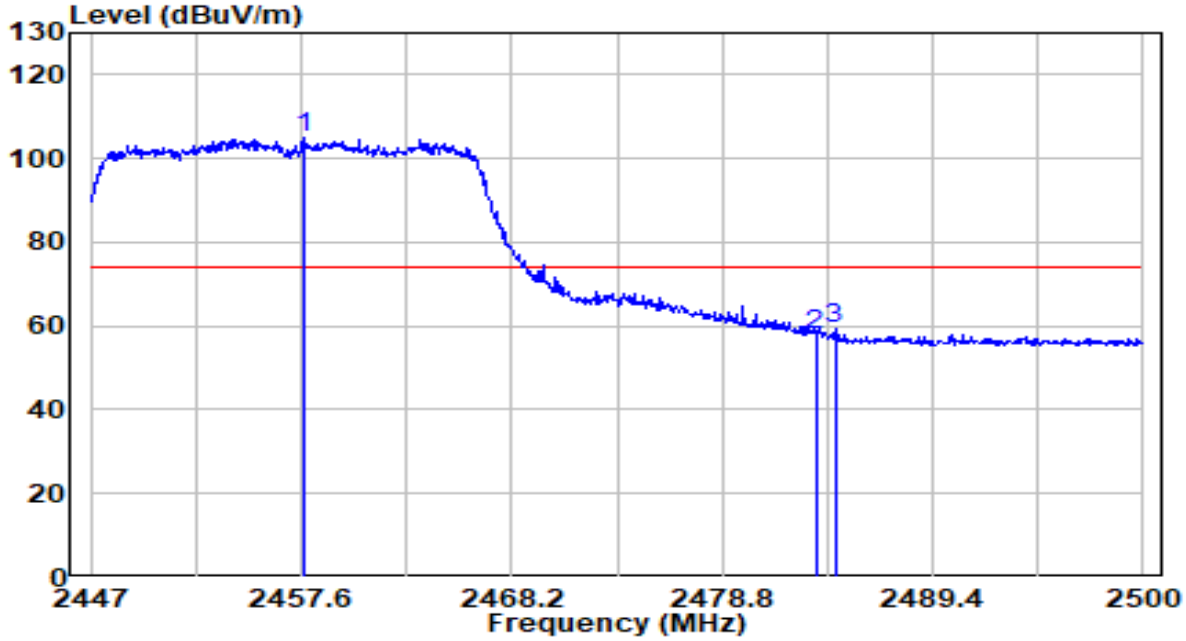
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-07
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	26.2°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at channel 2457MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2457.706	72.57	32.59	105.16	N/A	N/A	Peak
2		2483.500	25.30	32.71	58.01	-15.99	74.00	Peak
3		2484.471	26.69	32.71	59.40	-14.60	74.00	Peak

Note:

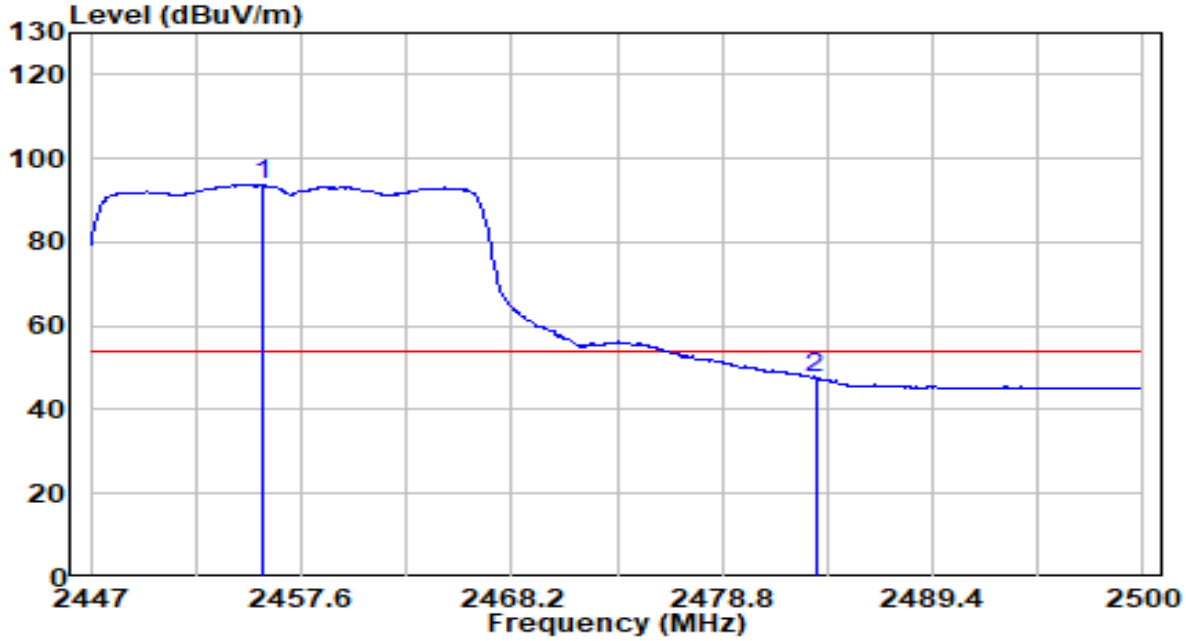
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-07
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	26.2°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at channel 2457MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2455.692	61.09	32.59	93.68	N/A	N/A	Average
2		2483.500	15.10	32.71	47.81	-6.19	54.00	Average

Note:

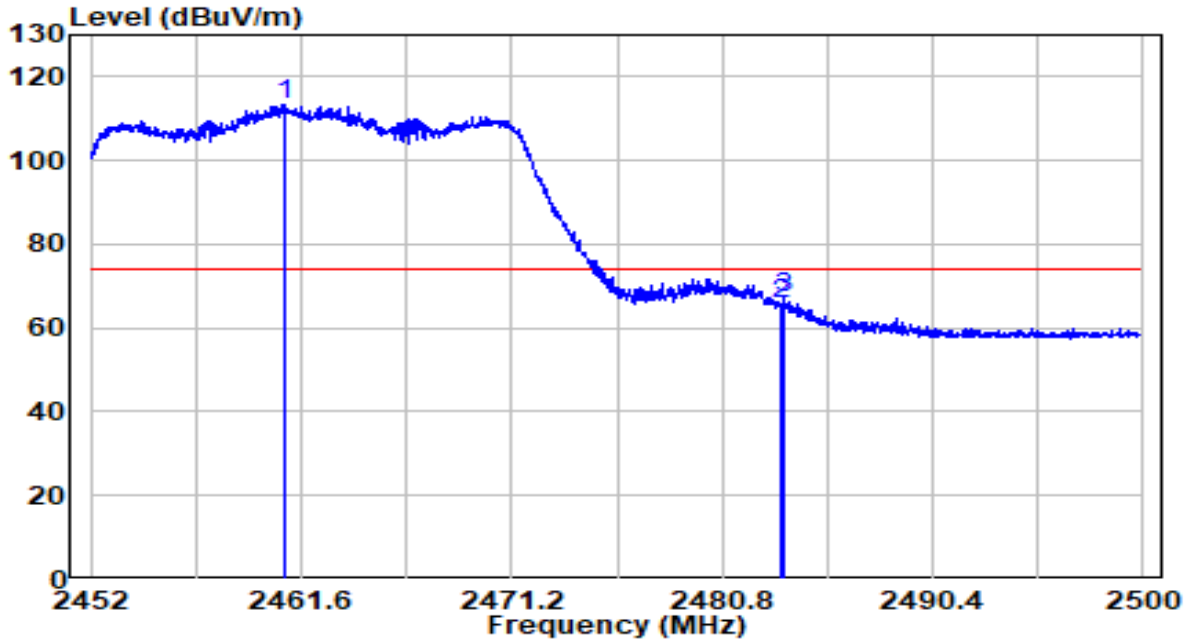
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at Channel 2462MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2460.856	80.61	32.61	113.22	N/A	N/A	Peak
2		2483.500	33.26	32.71	65.97	-8.03	74.00	Peak
3		2483.632	34.73	32.71	67.43	-6.57	74.00	Peak

Note:

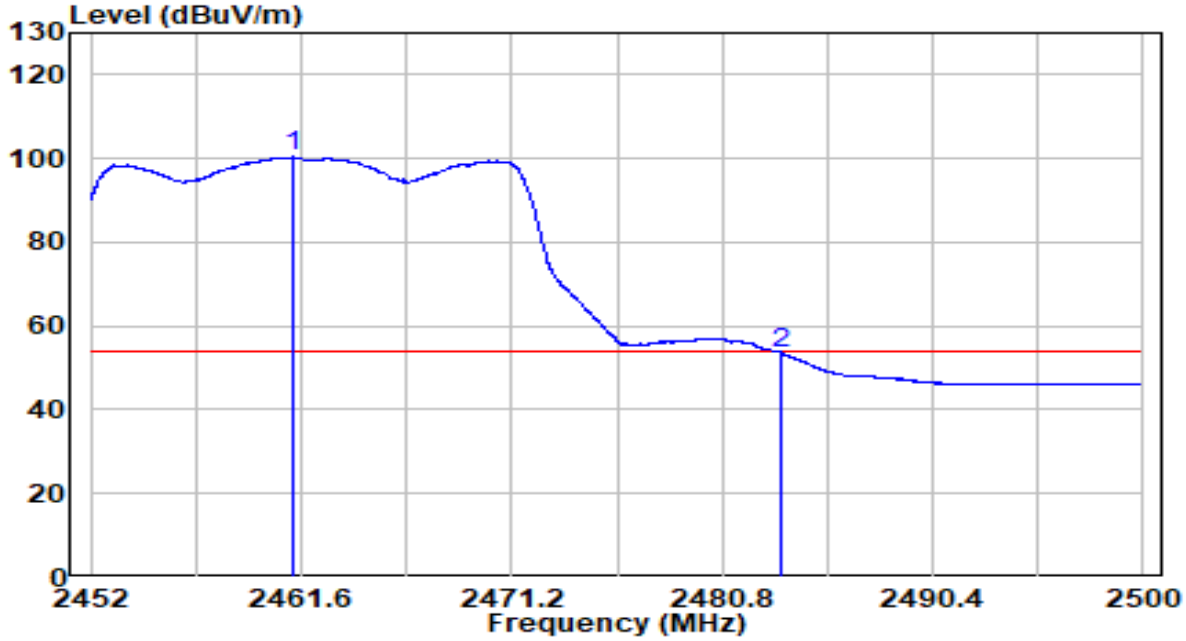
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at Channel 2462MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2461.192	67.73	32.61	100.34	N/A	N/A	Average
2		2483.500	20.89	32.71	53.60	-0.40	54.00	Average

Note:

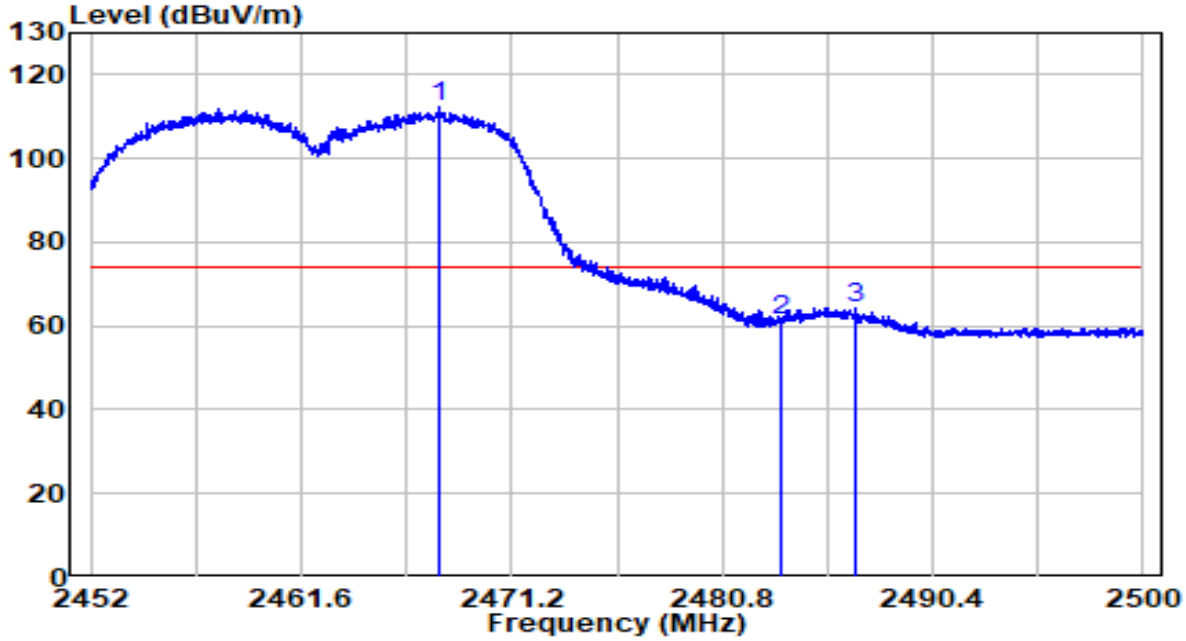
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at Channel 2462MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2467.864	79.54	32.64	112.18	N/A	N/A	Peak
2		2483.500	28.60	32.71	61.31	-12.69	74.00	Peak
3		2486.920	31.55	32.72	64.28	-9.72	74.00	Peak

Note:

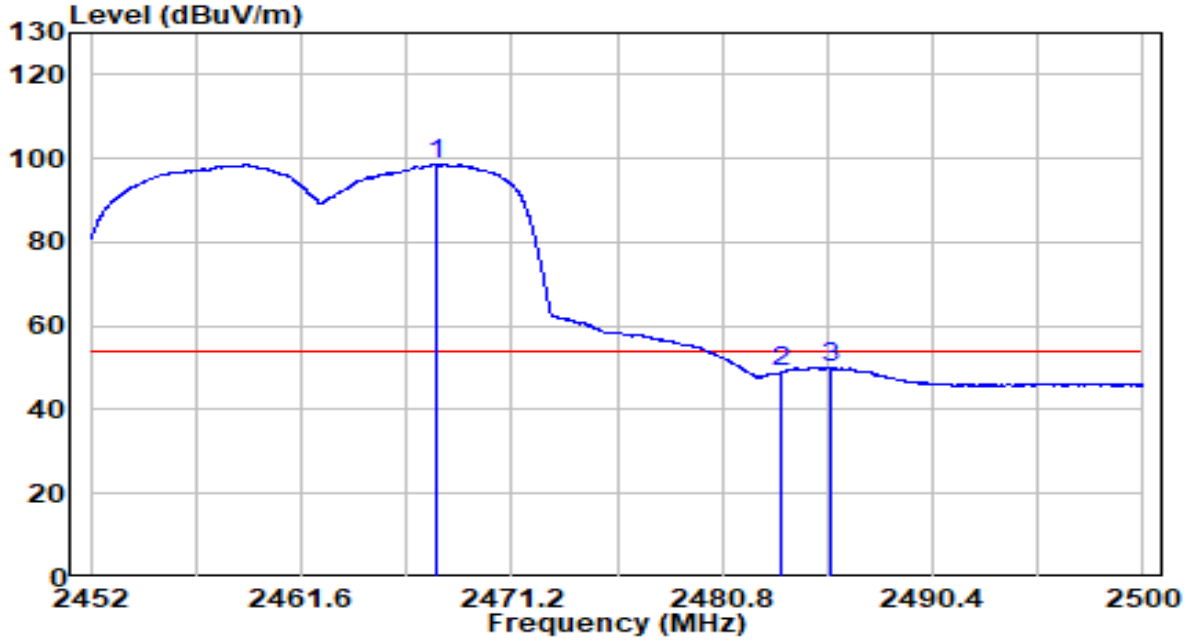
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE20 at Channel 2462MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2467.720	65.92	32.64	98.56	N/A	N/A	Average
2		2483.500	16.14	32.71	48.85	-5.15	54.00	Average
3		2485.744	17.41	32.72	50.13	-3.87	54.00	Average

Note:

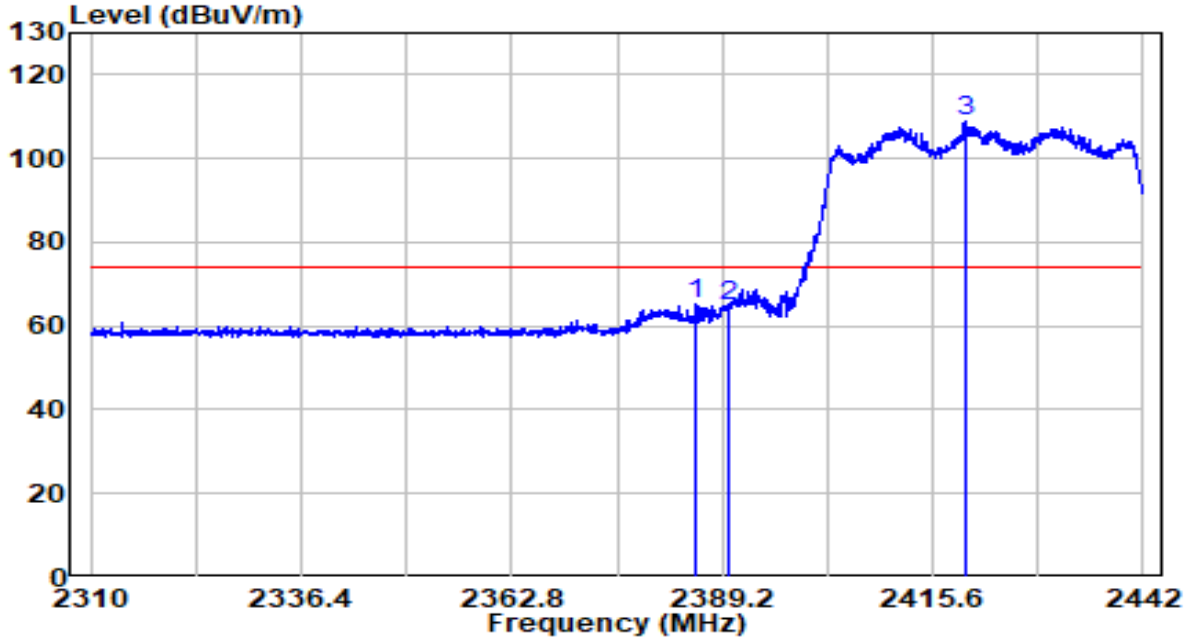
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE40 at Channel 2422MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2385.900	32.95	32.28	65.22	-8.78	74.00	Peak
2		2390.000	32.68	32.30	64.97	-9.03	74.00	Peak
3	*	2419.890	76.29	32.43	108.72	N/A	N/A	Peak

Note:

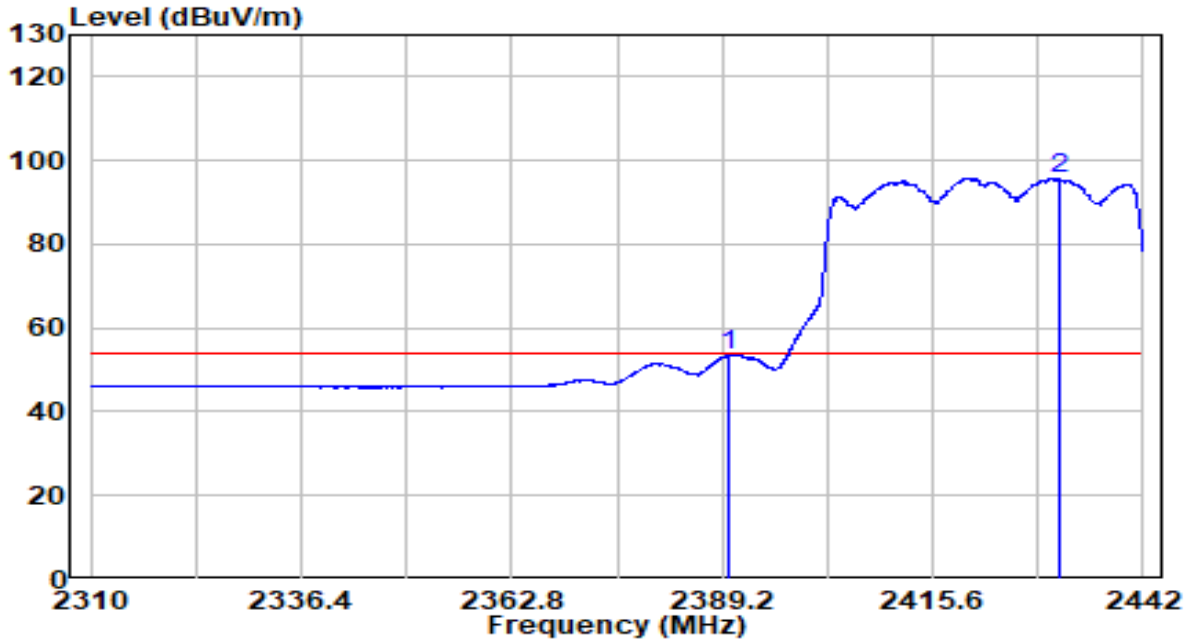
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE40 at Channel 2422MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	21.00	32.30	53.30	-0.70	54.00	Average
2	*	2431.374	63.28	32.48	95.75	N/A	N/A	Average

Note:

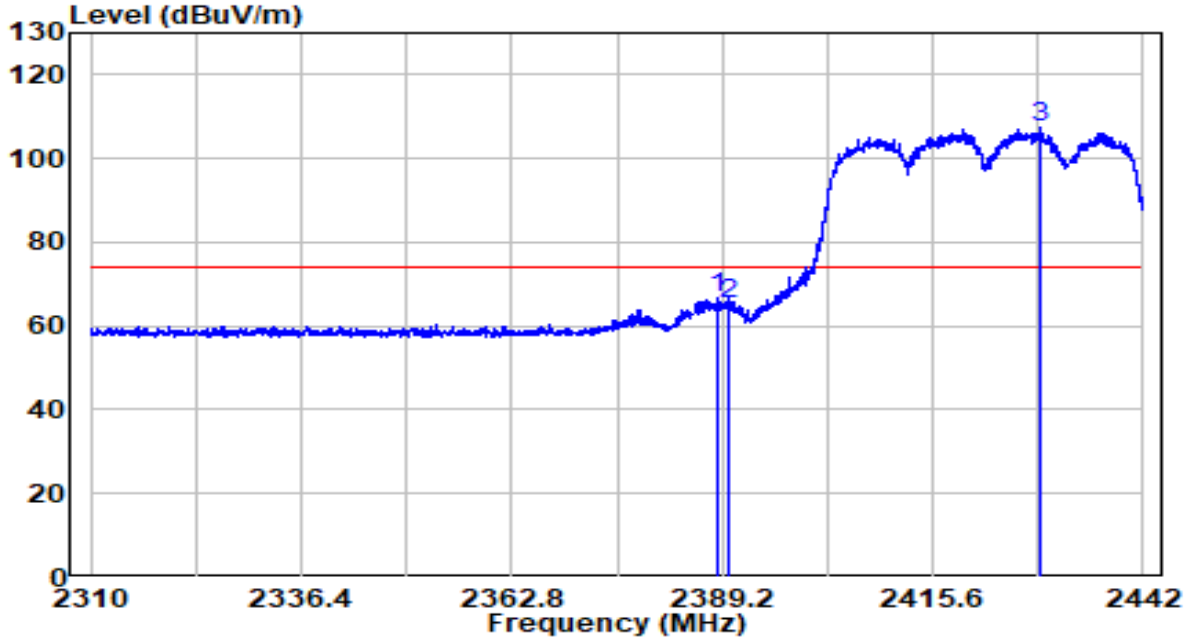
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE40 at Channel 2422MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2388.738	34.44	32.29	66.73	-7.27	74.00	Peak
2		2390.000	32.74	32.30	65.04	-8.96	74.00	Peak
3	*	2428.932	74.86	32.47	107.33	N/A	N/A	Peak

Note:

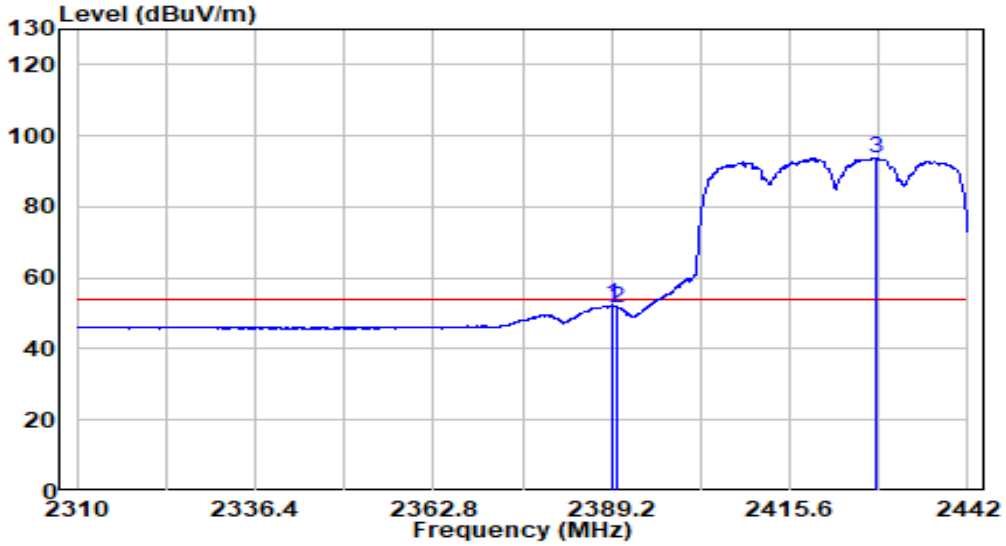
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE40 at Channel 2422MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.398	19.99	32.29	52.28	-1.72	54.00	Average
2		2390.000	19.43	32.30	51.72	-2.28	54.00	Average
3	*	2428.404	61.34	32.46	93.81	N/A	N/A	Average

Note:

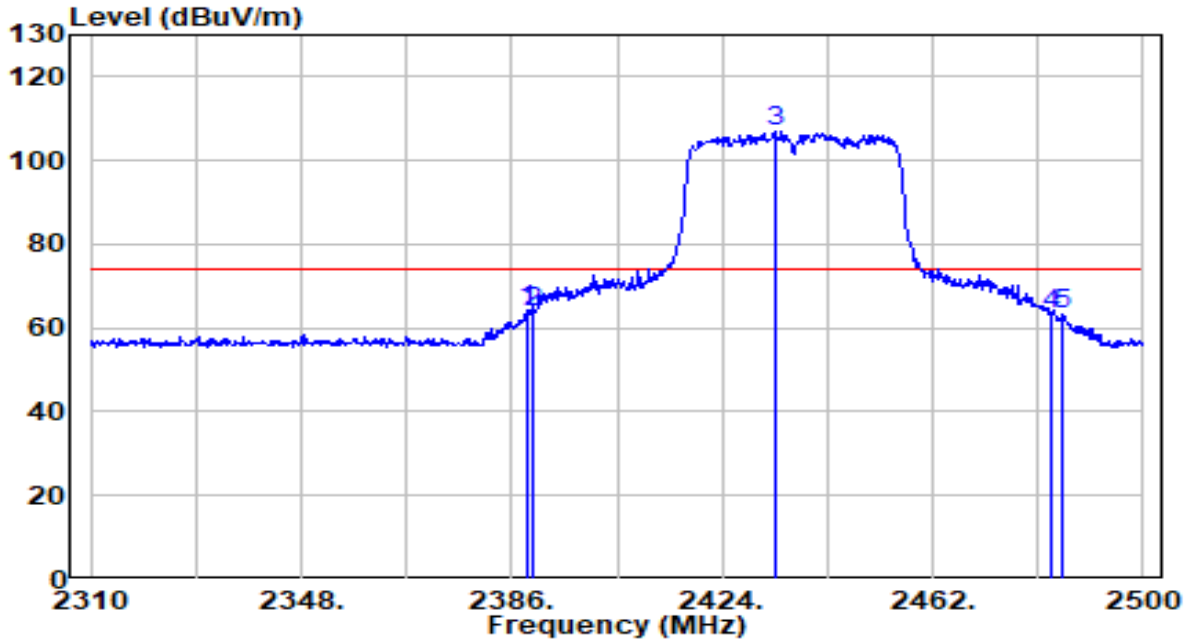
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-07
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	26.2°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE40 at channel 2437MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2388.660	31.75	32.29	64.04	-9.96	74.00	Peak
2		2390.000	31.67	32.30	63.96	-10.04	74.00	Peak
3	*	2433.500	74.29	32.49	106.78	N/A	N/A	Peak
4		2483.500	30.58	32.71	63.29	-10.71	74.00	Peak
5		2485.560	30.58	32.72	63.30	-10.70	74.00	Peak

Note:

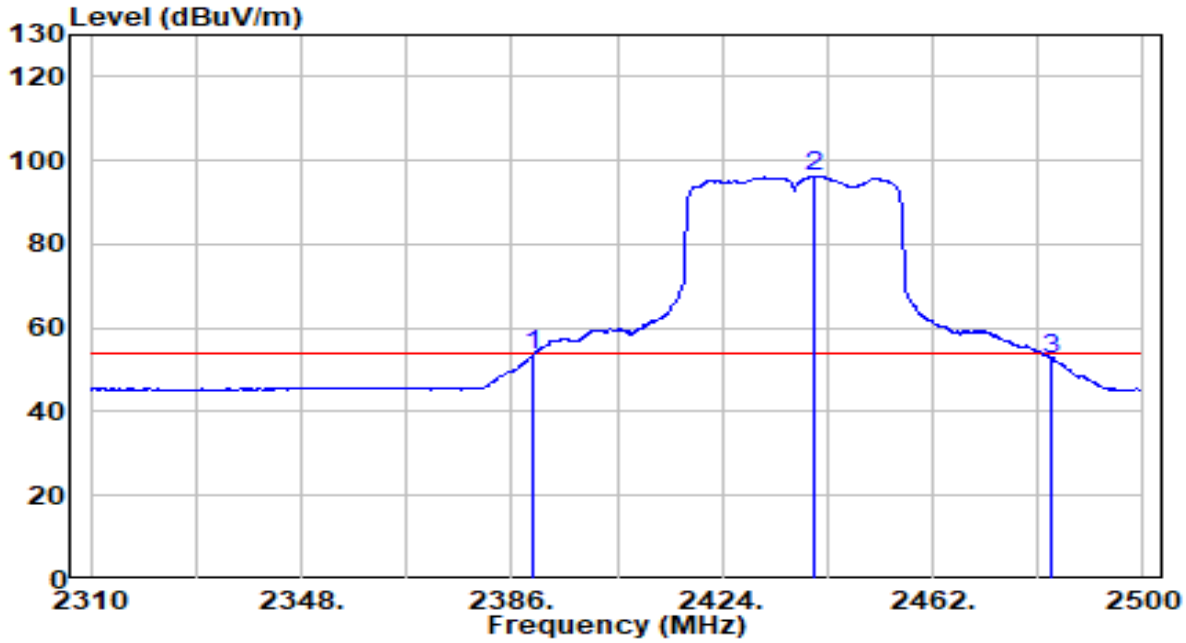
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-07
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	26.2°C/44.7%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE40 at channel 2437MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2390.000	21.15	32.30	53.45	-0.55	54.00	Average
2	*	2440.530	63.82	32.52	96.34	N/A	N/A	Average
3		2483.500	20.01	32.71	52.72	-1.28	54.00	Average

Note:

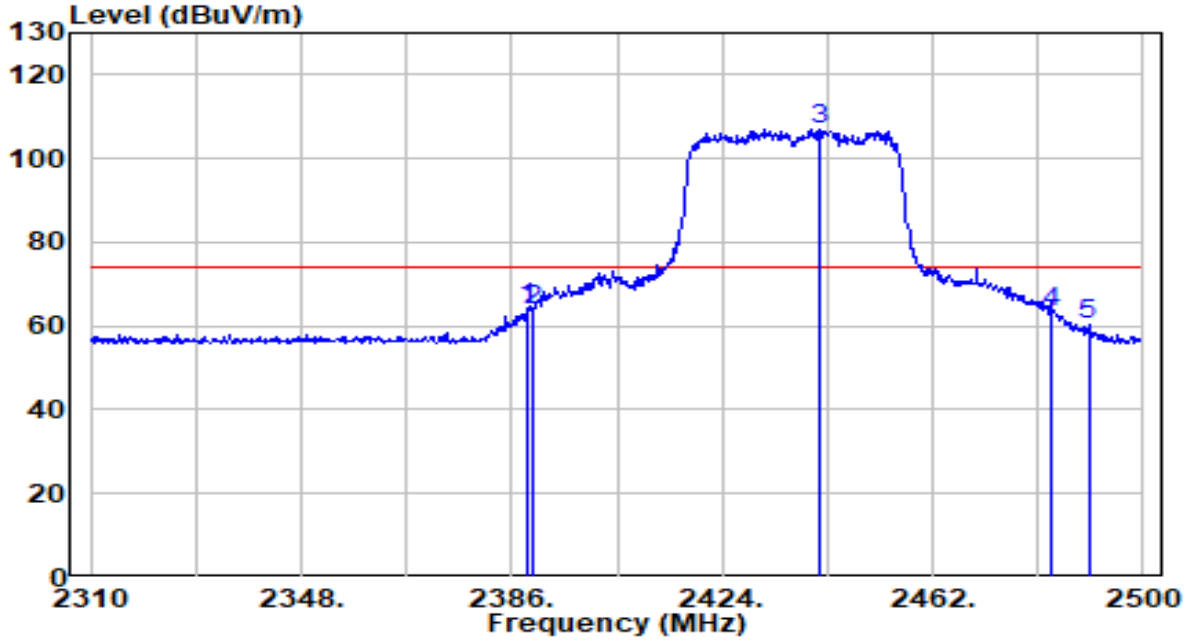
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-07
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	26.2°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE40 at channel 2437MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2388.850	31.79	32.29	64.08	-9.92	74.00	Peak
2		2390.000	31.46	32.30	63.76	-10.25	74.00	Peak
3	*	2441.480	74.52	32.52	107.04	N/A	N/A	Peak
4		2483.530	30.47	32.71	63.18	-10.82	74.00	Peak
5		2490.120	27.56	32.74	60.29	-13.71	74.00	Peak

Note:

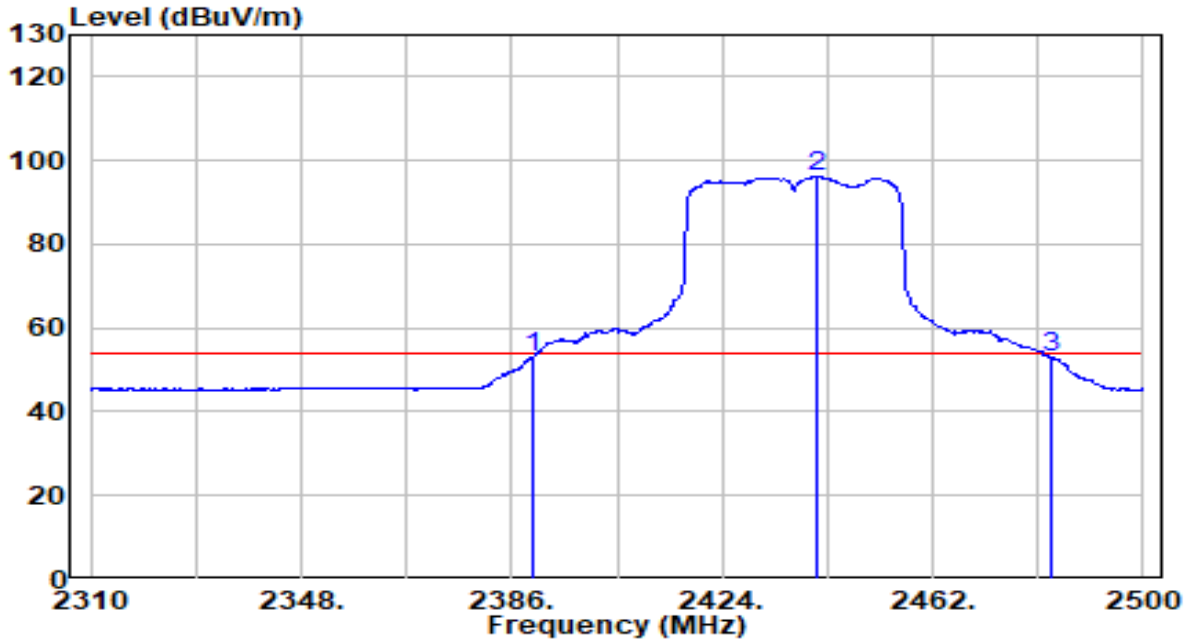
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-10-07
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	26.2°C/44.7%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE40 at channel 2437MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.990	20.74	32.30	53.04	-0.96	54.00	Average
2	*	2441.290	63.74	32.52	96.26	N/A	N/A	Average
3		2483.500	20.31	32.71	53.02	-0.98	54.00	Average

Note:

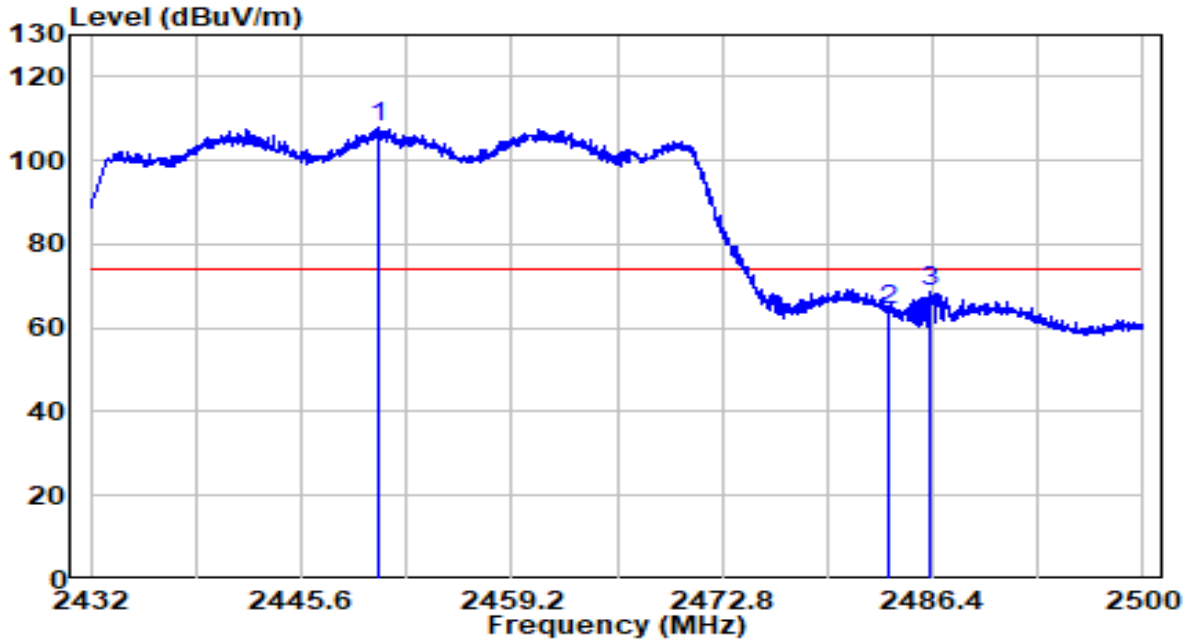
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE40 at Channel 2452MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2450.666	75.22	32.56	107.79	N/A	N/A	Peak
2		2483.500	31.40	32.71	64.11	-9.89	74.00	Peak
3		2486.196	35.92	32.72	68.64	-5.36	74.00	Peak

Note:

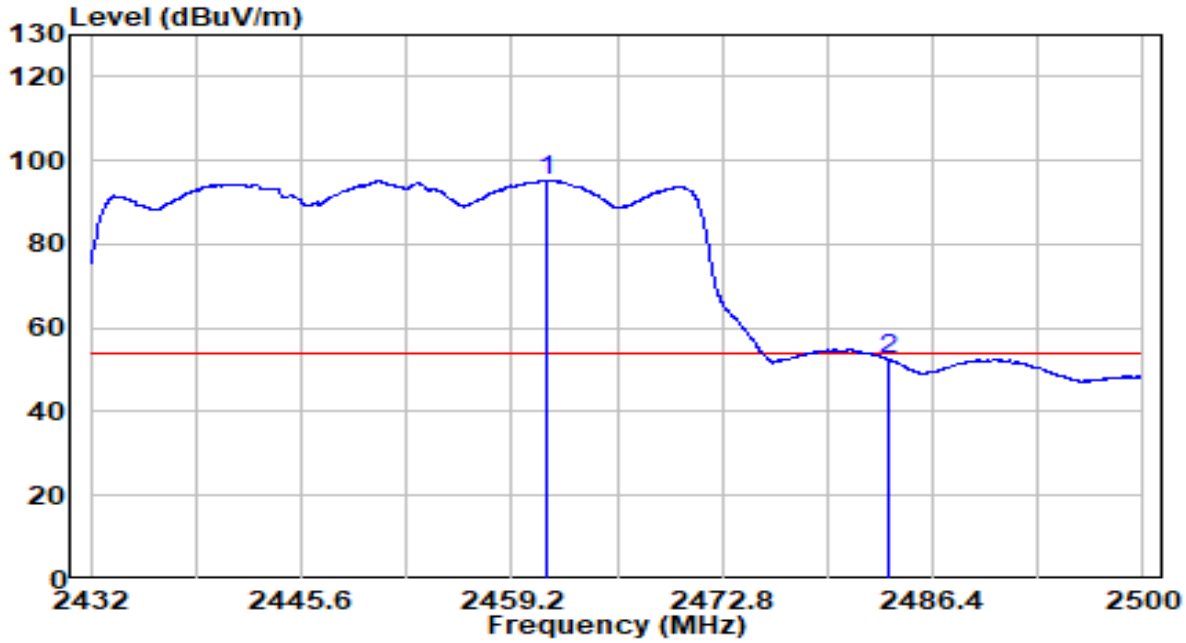
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE40 at Channel 2452MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2461.444	62.73	32.61	95.34	N/A	N/A	Average
2		2483.510	19.87	32.71	52.57	-1.43	54.00	Average

Note:

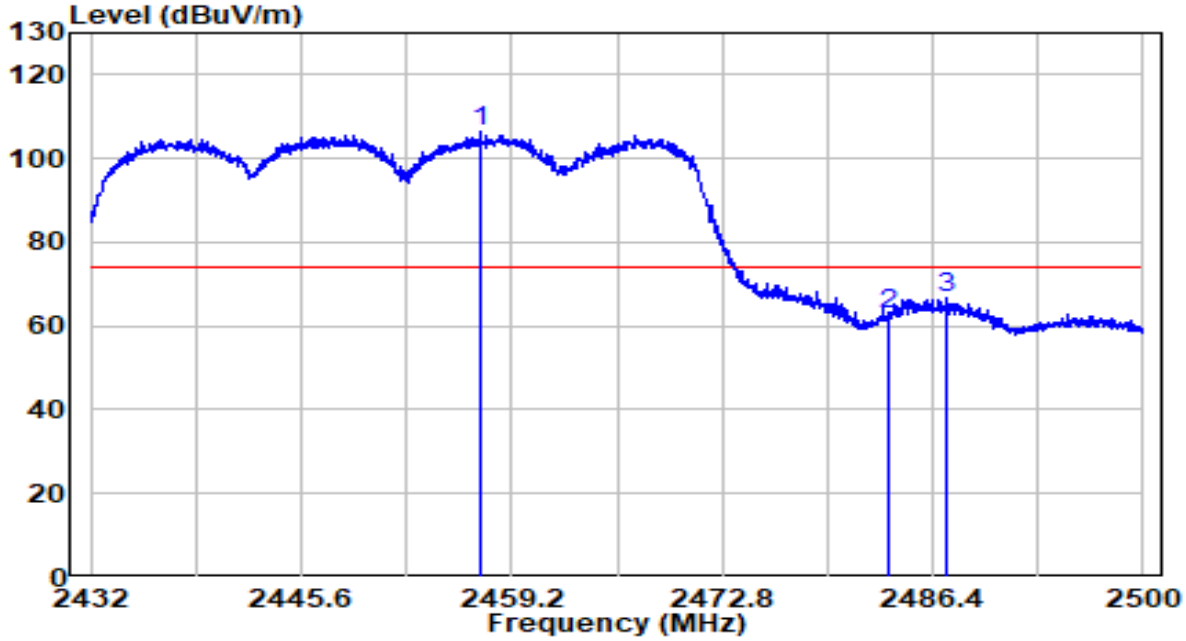
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE40 at Channel 2452MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2457.194	73.73	32.59	106.32	N/A	N/A	Peak
2		2483.500	30.03	32.71	62.73	-11.27	74.00	Peak
3		2487.284	33.91	32.72	66.64	-7.36	74.00	Peak

Note:

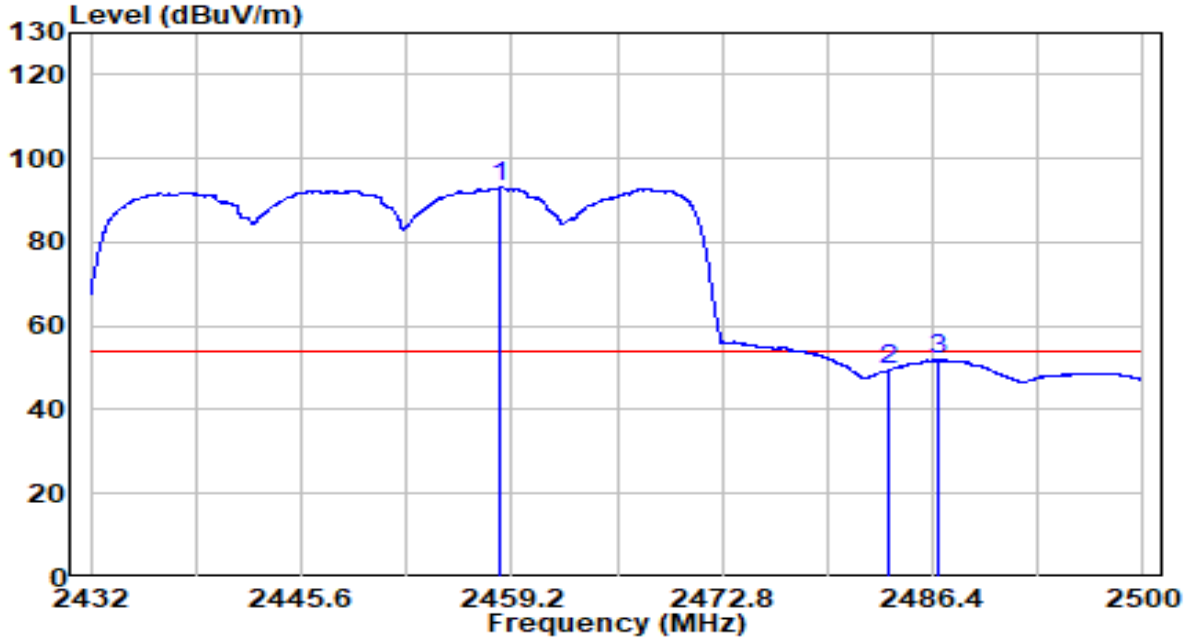
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-04
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	23.7°C/40%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11ax-HE40 at Channel 2452MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2458.418	60.47	32.60	93.07	N/A	N/A	Average
2		2483.500	16.72	32.71	49.43	-4.57	54.00	Average
3		2486.774	19.14	32.72	51.86	-2.14	54.00	Average

Note:

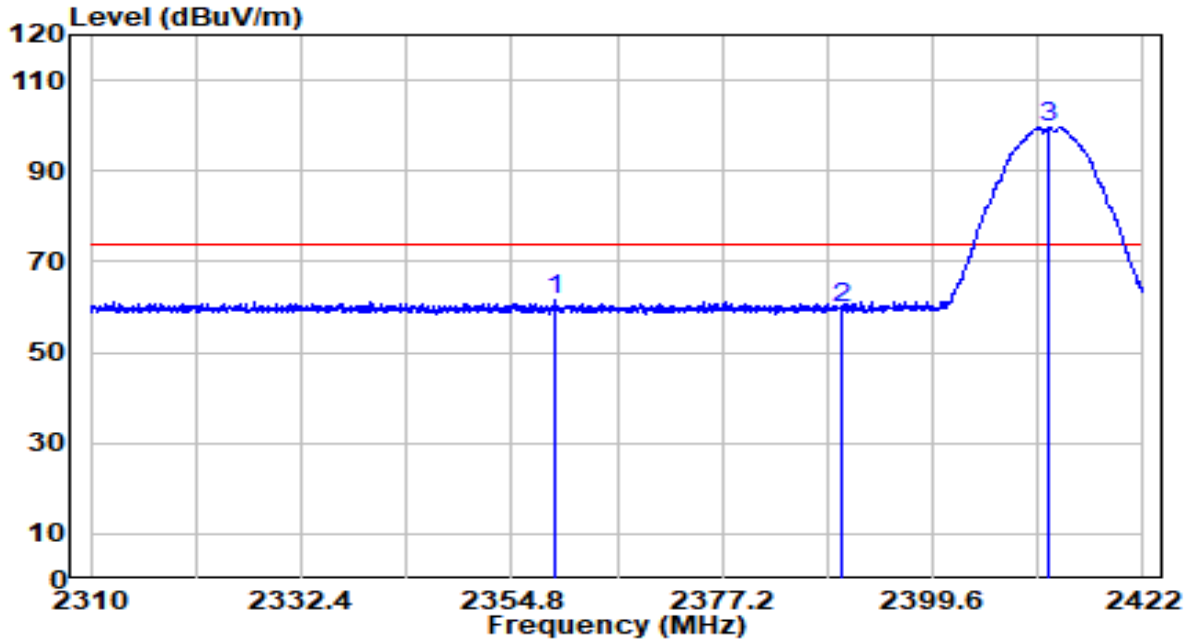
1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-27
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.3°C/45.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2412MHz-Scan Antenna	Test Voltage	120V/60Hz

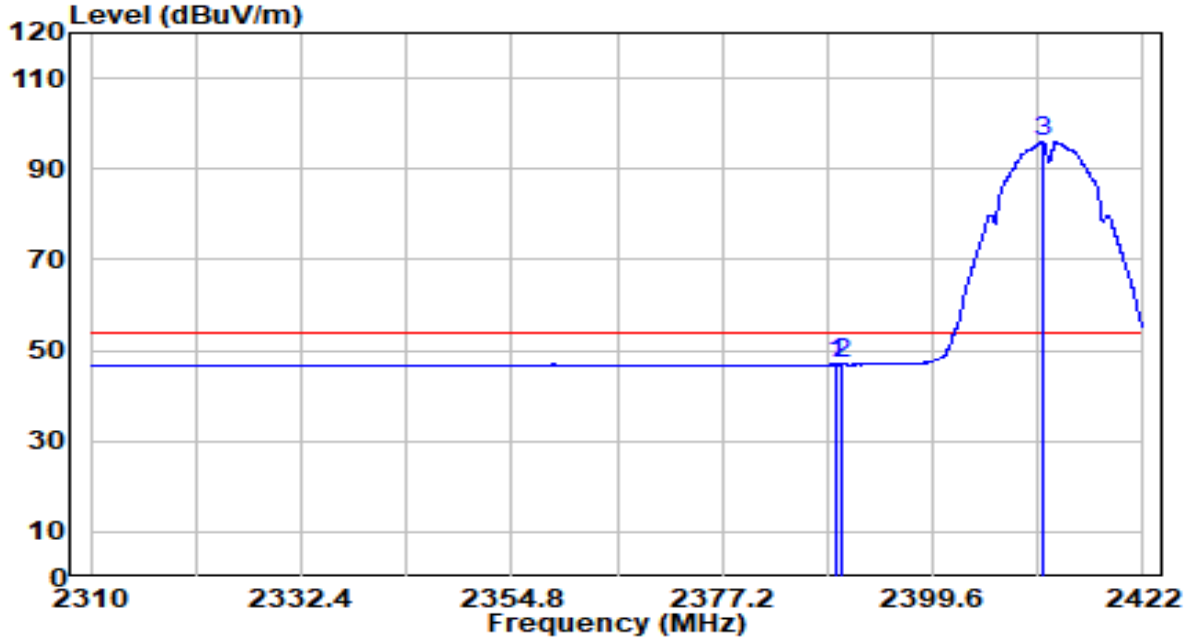


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2359.392	29.44	32.16	61.60	-12.40	74.00	Peak
2		2390.000	27.34	32.30	59.64	-14.36	74.00	Peak
3	*	2411.976	67.15	32.39	N/A	N/A	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-27
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.3°C/45.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2412MHz-Scan Antenna	Test Voltage	120V/60Hz

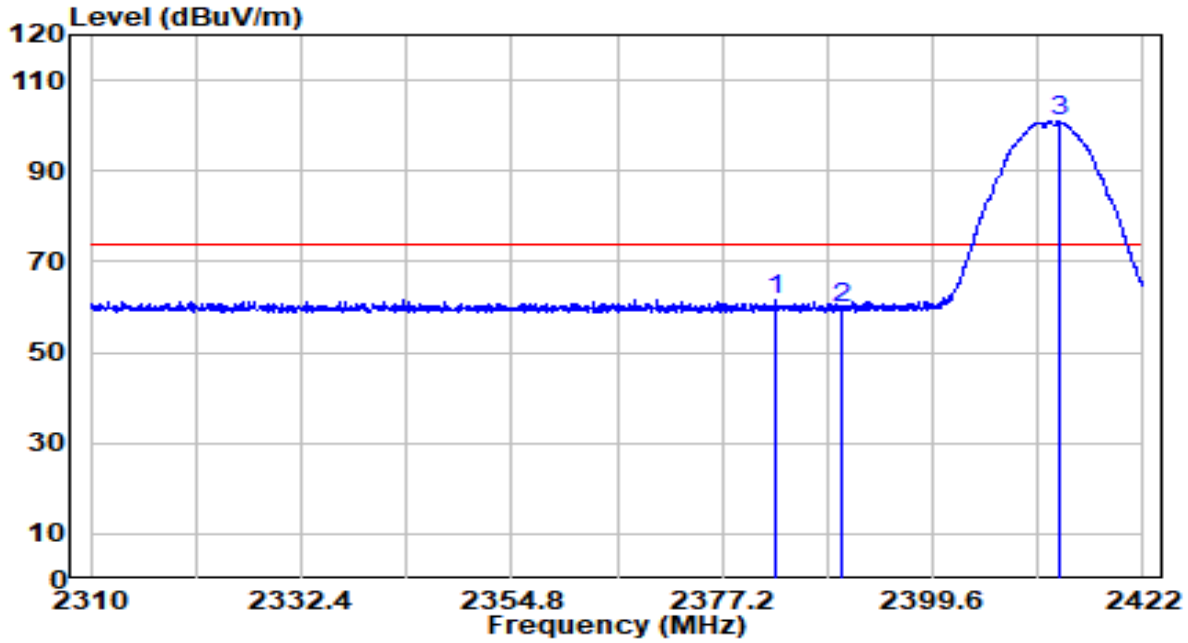


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.240	14.60	32.29	46.89	-7.11	54.00	Average
2		2390.000	14.59	32.30	46.89	-7.11	54.00	Average
3	*	2411.248	63.74	32.39	N/A	N/A	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-27
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.3°C/45.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2412MHz-Scan Antenna	Test Voltage	120V/60Hz

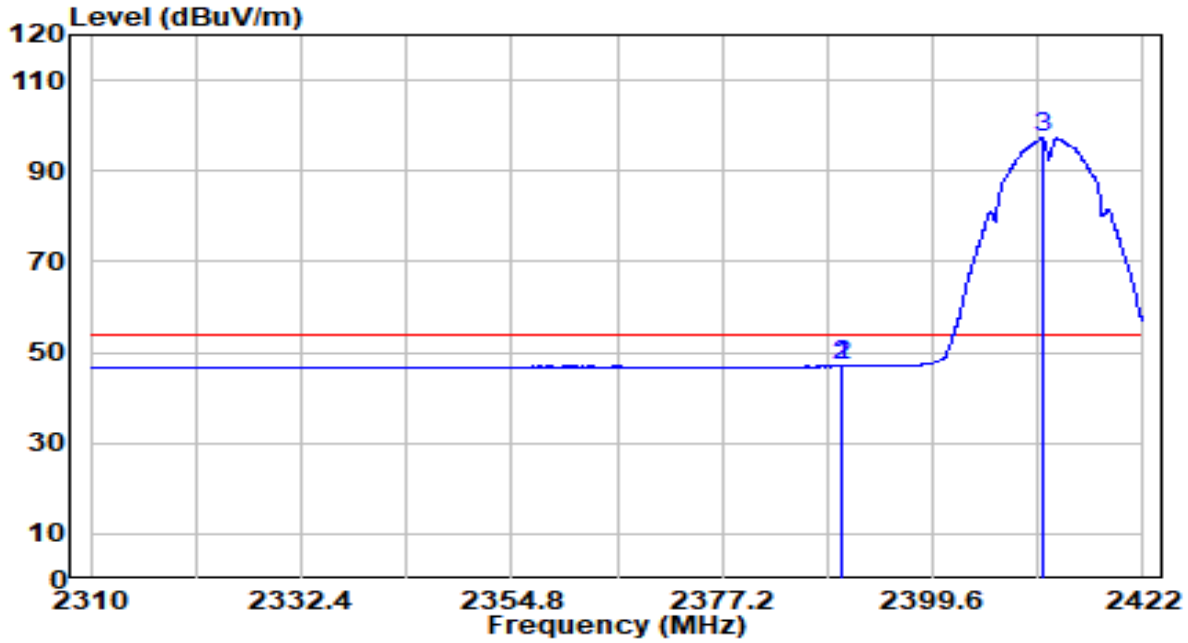


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2382.744	29.37	32.26	61.63	-12.37	74.00	Peak
2		2390.000	27.51	32.30	59.80	-14.20	74.00	Peak
3	*	2413.096	68.54	32.40	N/A	N/A	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-27
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.3°C/45.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2412MHz-Scan Antenna	Test Voltage	120V/60Hz

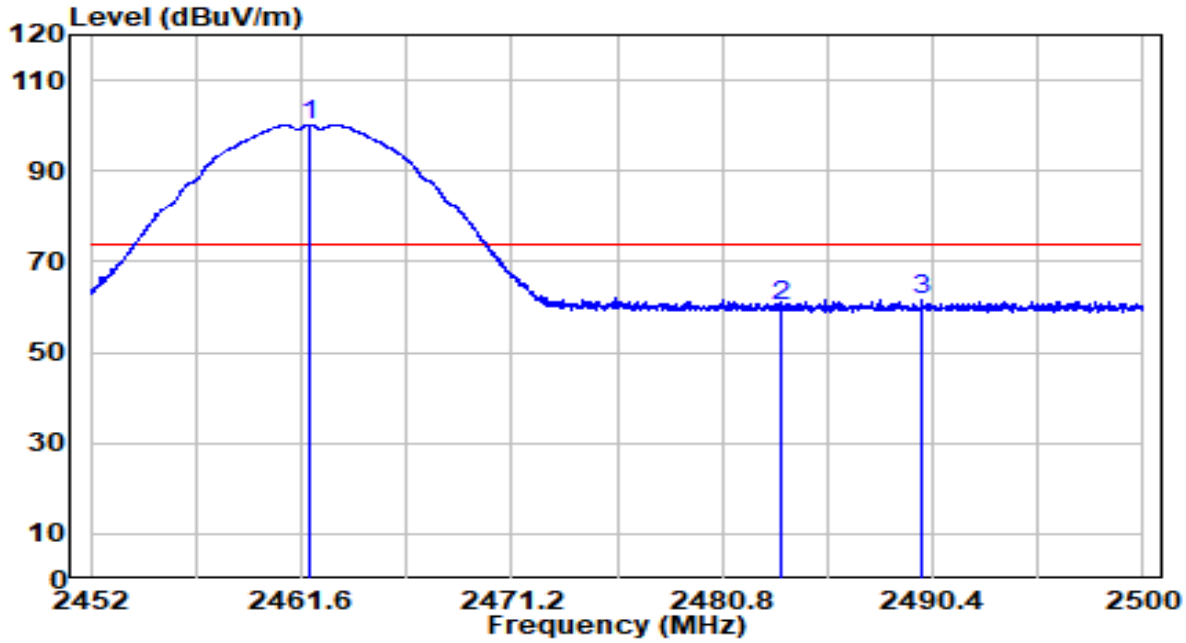


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.800	14.64	32.30	46.94	-7.06	54.00	Average
2		2390.000	14.60	32.30	46.90	-7.10	54.00	Average
3	*	2411.248	64.89	32.39	N/A	N/A	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-27
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.3°C/45.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2462MHz-Scan Antenna	Test Voltage	120V/60Hz

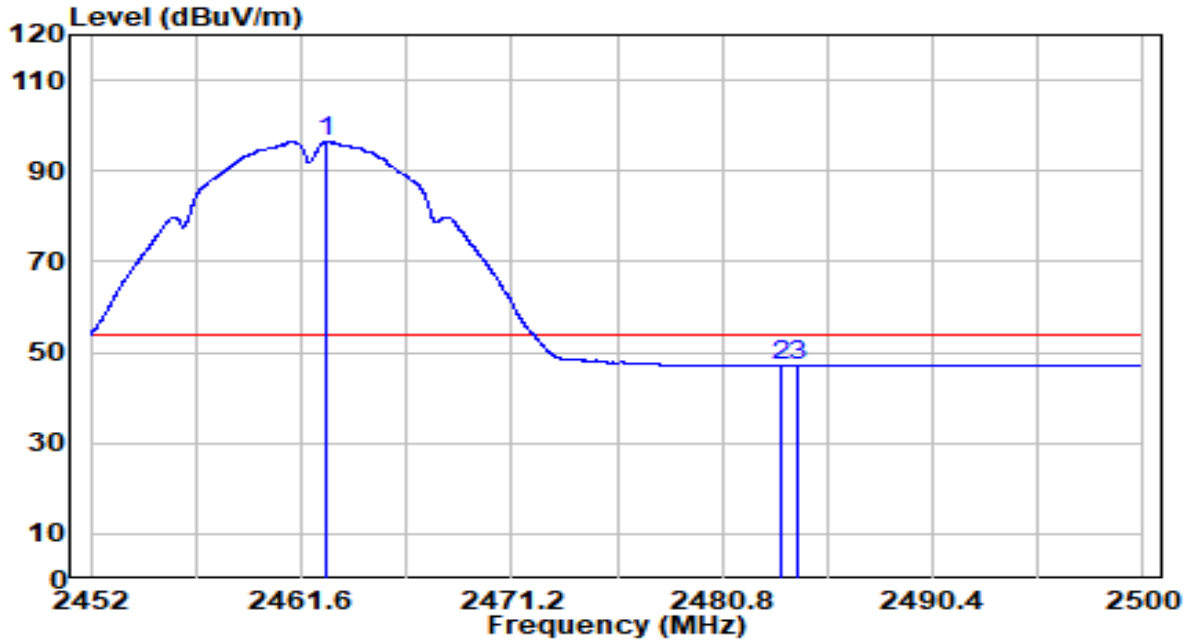


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2462.008	67.59	32.61	N/A	N/A	74.00	Peak
2		2483.500	27.30	32.71	60.00	-14.00	74.00	Peak
3		2489.872	28.68	32.74	61.42	-12.58	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-27
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.3°C/45.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2462MHz-Scan Antenna	Test Voltage	120V/60Hz

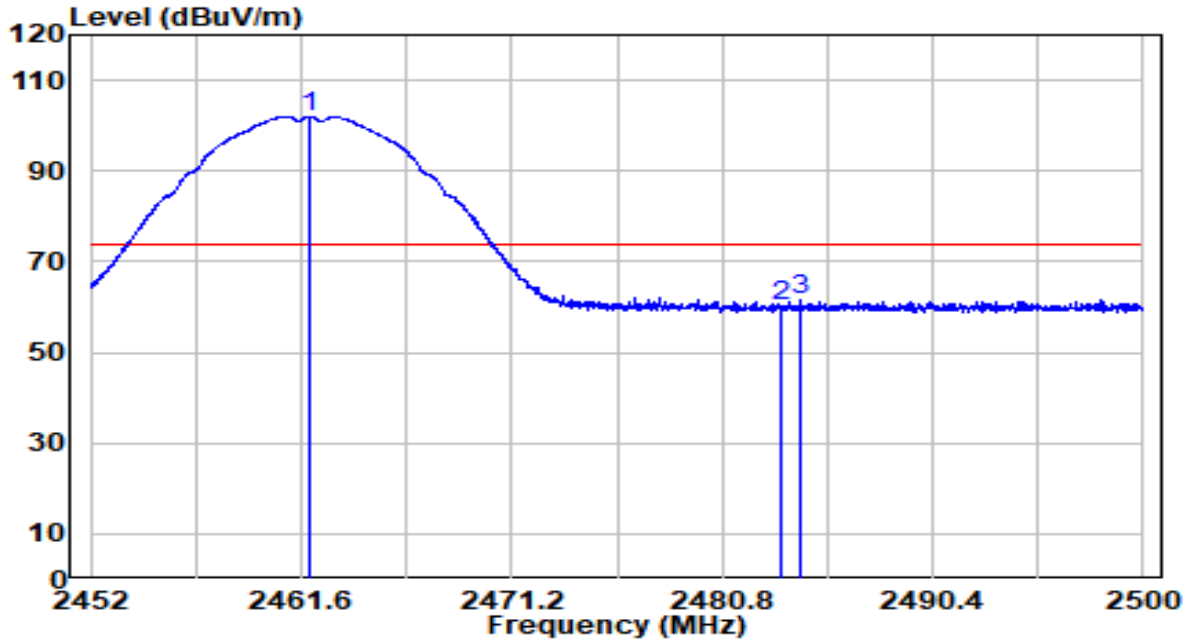


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2462.776	64.04	32.62	N/A	N/A	54.00	Average
2		2483.500	14.32	32.71	47.03	-6.97	54.00	Average
3		2484.232	14.37	32.71	47.08	-6.92	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-27
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.3°C/45.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2462MHz-Scan Antenna	Test Voltage	120V/60Hz

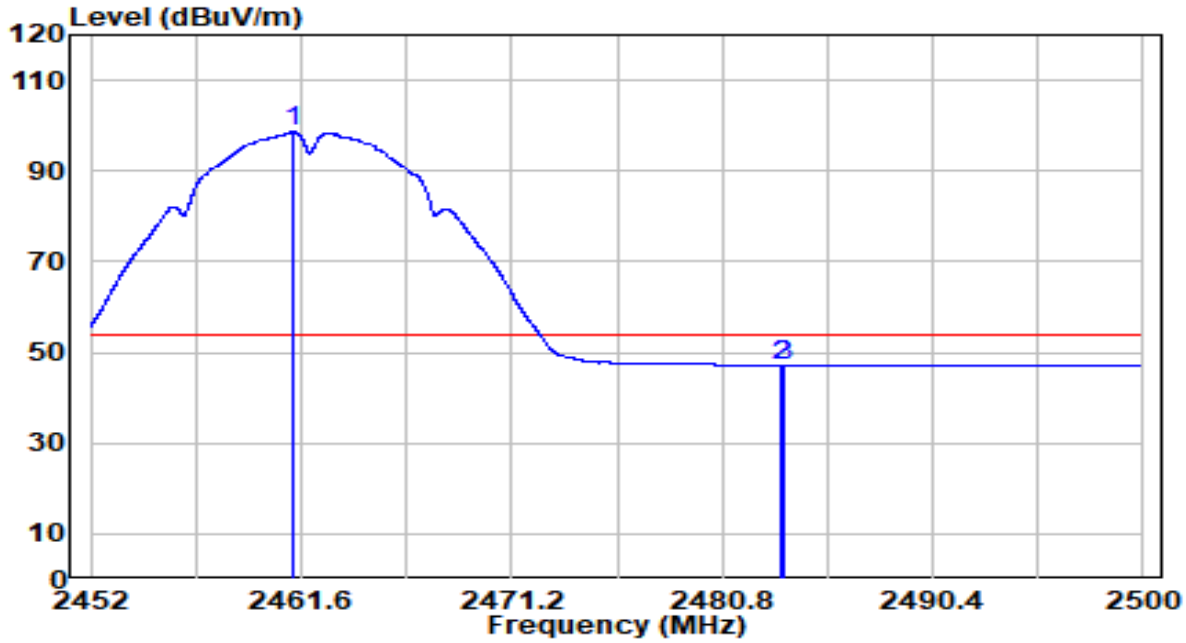


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2461.984	69.46	32.61	N/A	N/A	74.00	Peak
2		2483.500	27.39	32.71	60.09	-13.91	74.00	Peak
3		2484.376	28.82	32.71	61.53	-12.47	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-27
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.3°C/45.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11b at Channel 2462MHz-Scan Antenna	Test Voltage	120V/60Hz

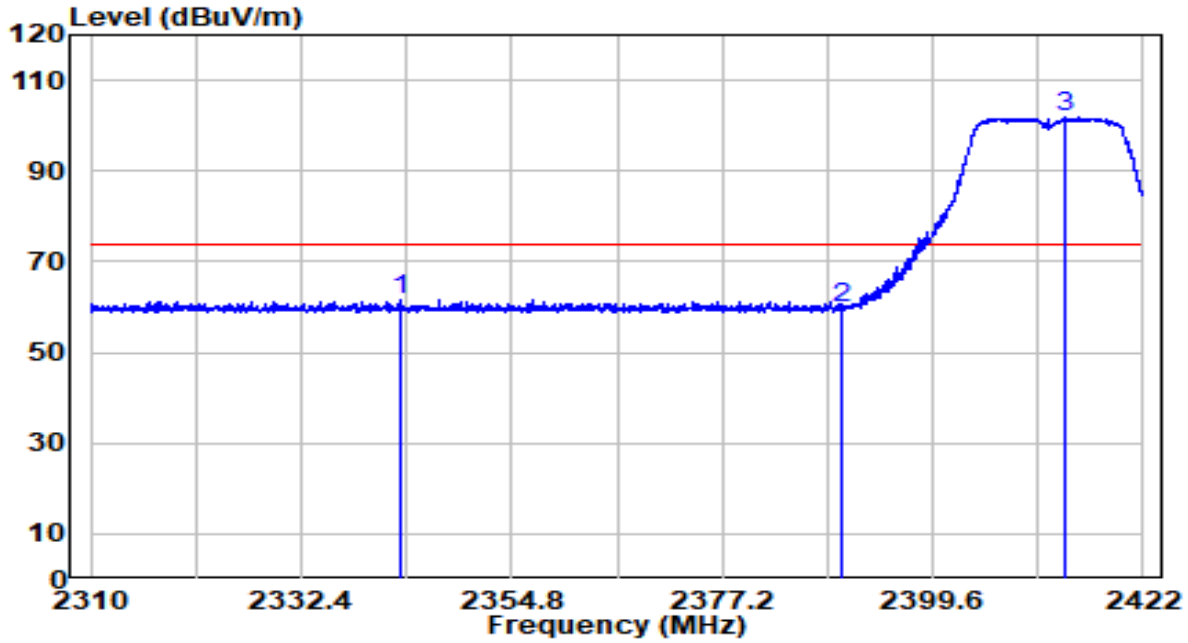


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2461.216	66.09	32.61	N/A	N/A	54.00	Average
2		2483.500	14.41	32.71	47.12	-6.88	54.00	Average
3		2483.656	14.41	32.71	47.12	-6.88	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-27
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.3°C/45.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2412MHz-Scan Antenna	Test Voltage	120V/60Hz

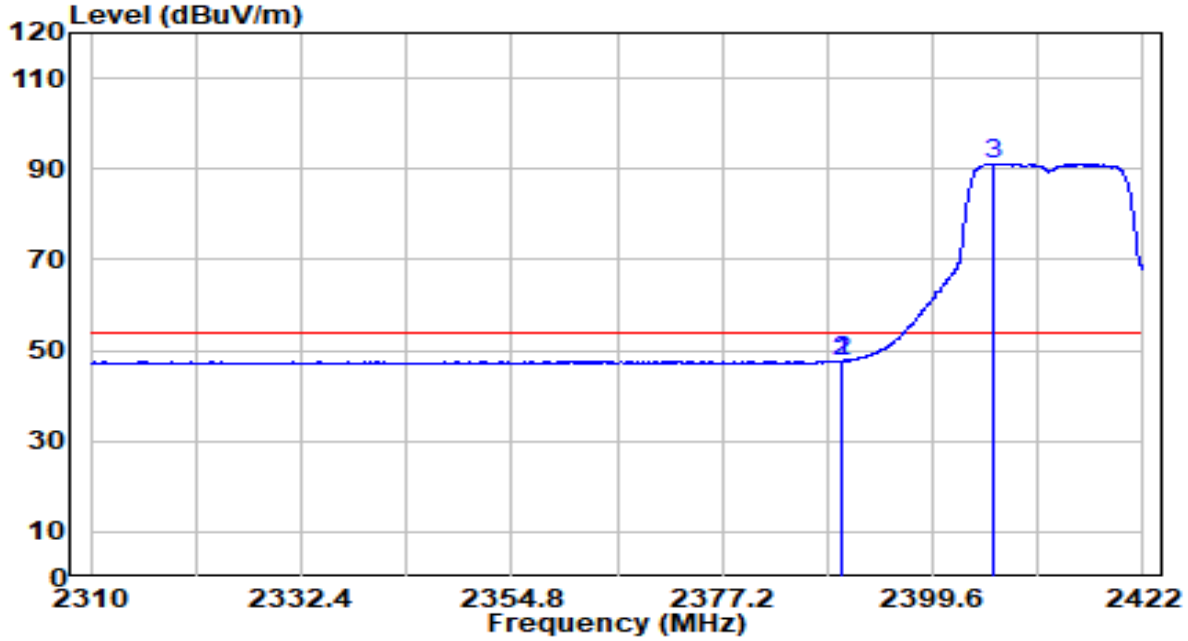


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2342.984	29.37	32.09	61.46	-12.54	74.00	Peak
2		2390.000	27.35	32.30	59.64	-14.36	74.00	Peak
3	*	2413.768	69.29	32.40	N/A	N/A	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-27
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.3°C/45.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2412MHz-Scan Antenna	Test Voltage	120V/60Hz

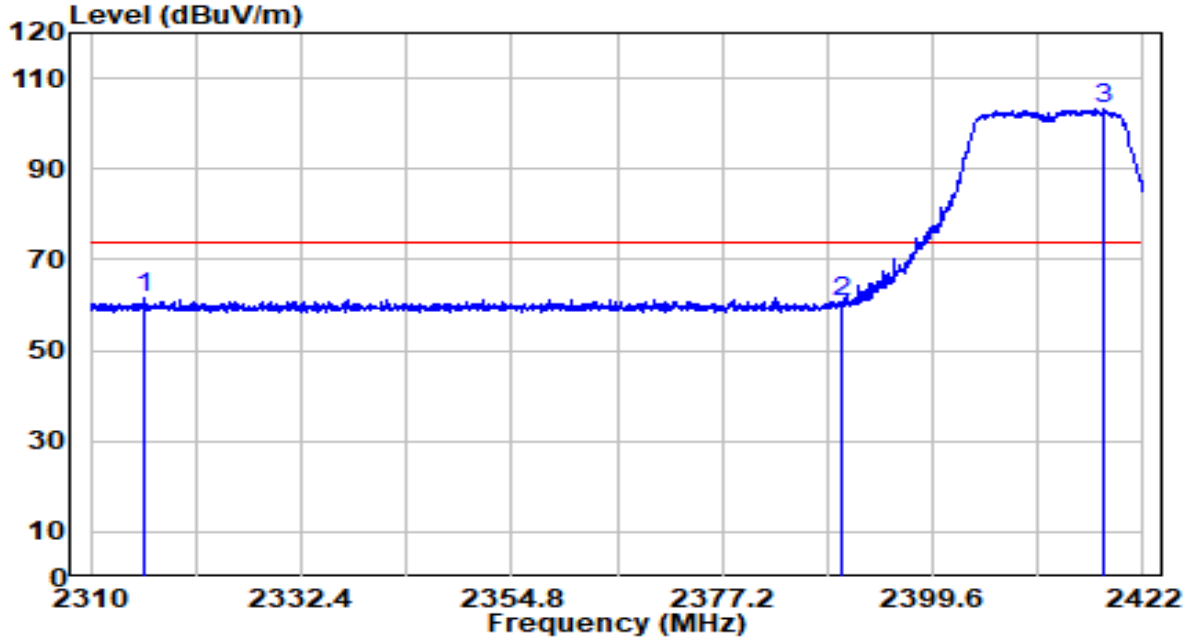


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.800	15.38	32.30	47.68	-6.32	54.00	Average
2		2390.024	15.33	32.30	47.63	-6.37	54.00	Average
3	*	2405.984	58.81	32.37	N/A	N/A	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-27
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.3°C/45.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2412MHz-Scan Antenna	Test Voltage	120V/60Hz

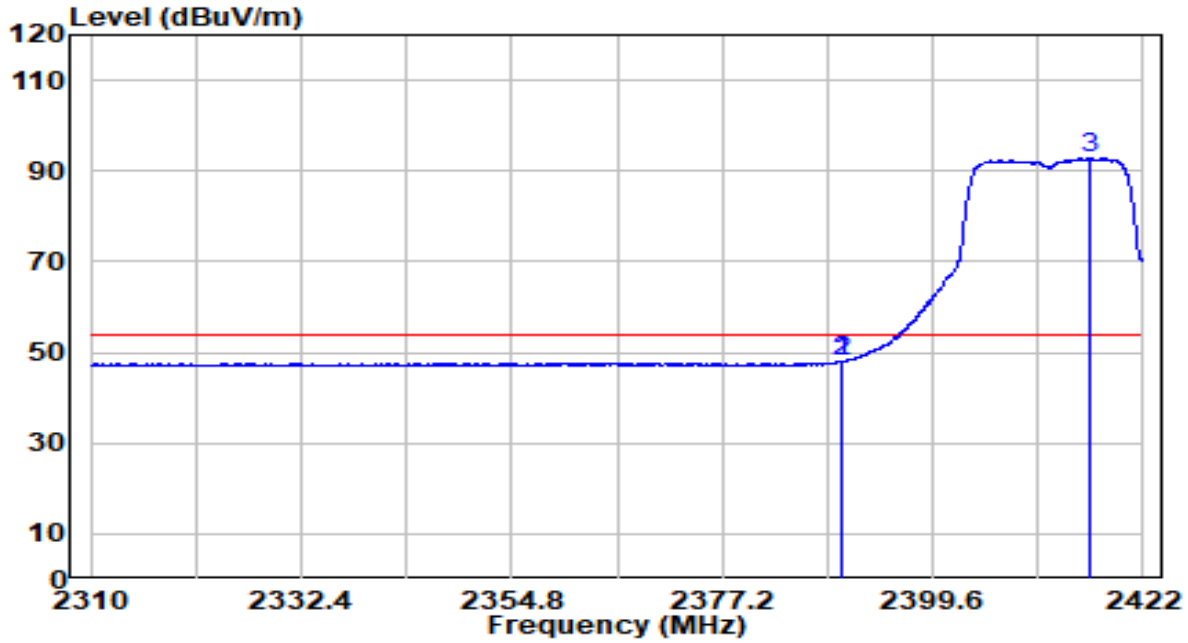


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2315.824	29.61	31.97	61.58	-12.42	74.00	Peak
2		2390.000	28.34	32.30	60.63	-13.37	74.00	Peak
3	*	2417.912	70.87	32.42	N/A	N/A	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-27
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.3°C/45.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2412MHz-Scan Antenna	Test Voltage	120V/60Hz

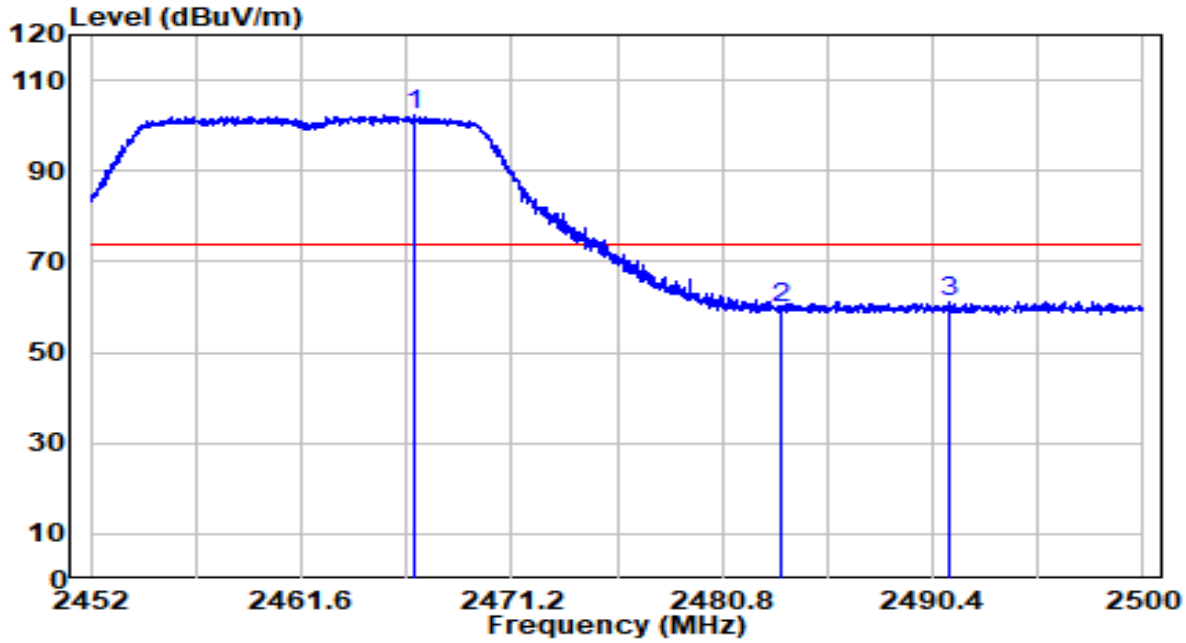


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		2389.968	15.82	32.30	48.11	-5.89	54.00	Average
2		2390.000	15.81	32.30	48.11	-5.89	54.00	Average
3	*	2416.232	60.31	32.41	N/A	N/A	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-27
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.3°C/45.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2462MHz-Scan Antenna	Test Voltage	120V/60Hz

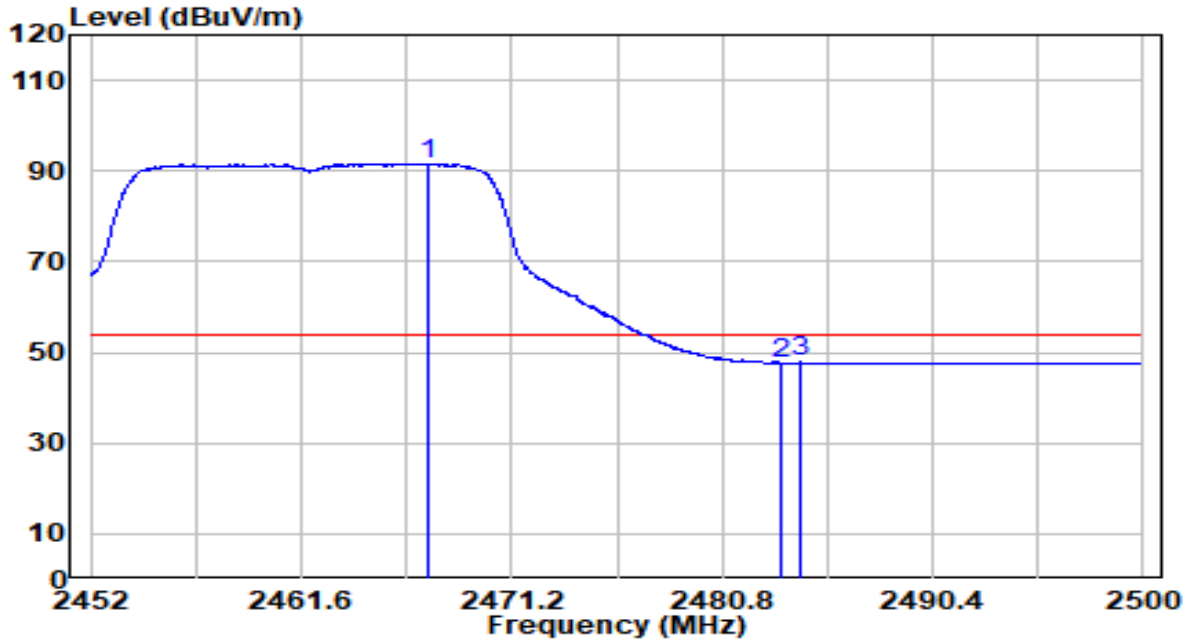


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2466.712	69.62	32.63	N/A	N/A	74.00	Peak
2		2483.488	27.03	32.71	59.74	-14.26	74.00	Peak
3		2491.144	28.54	32.74	61.28	-12.72	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-27
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.3°C/45.8%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2462MHz-Scan Antenna	Test Voltage	120V/60Hz

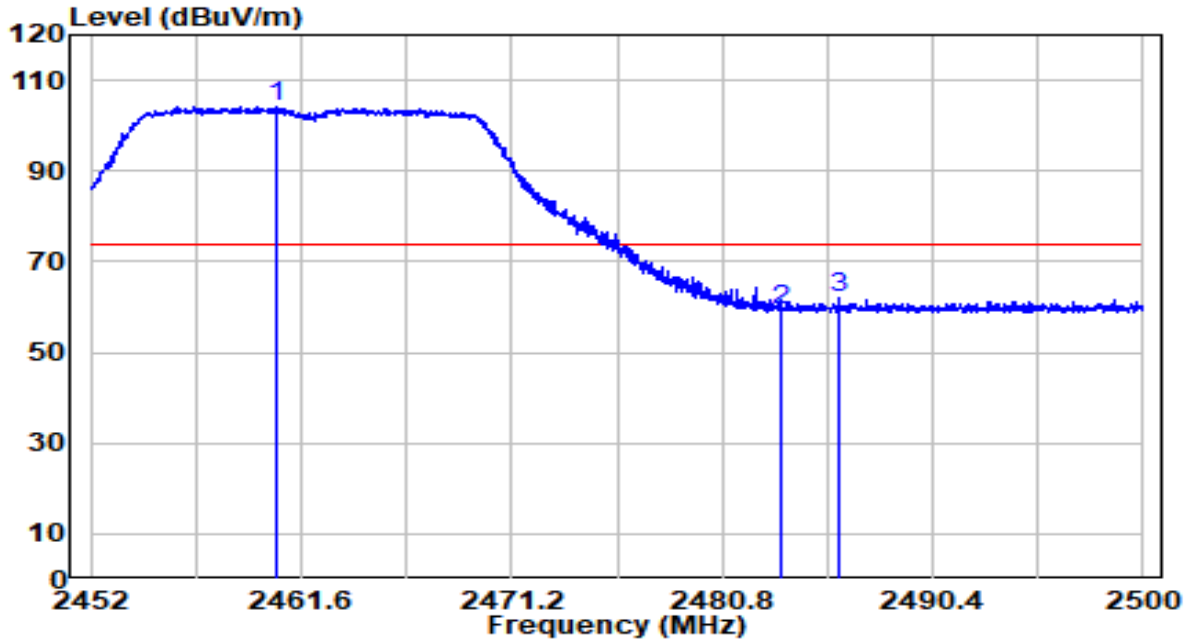


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2467.360	58.98	32.64	N/A	N/A	54.00	Average
2		2483.500	14.94	32.71	47.65	-6.35	54.00	Average
3		2484.400	15.06	32.71	47.78	-6.22	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-27
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.3°C/45.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2462MHz-Scan Antenna	Test Voltage	120V/60Hz

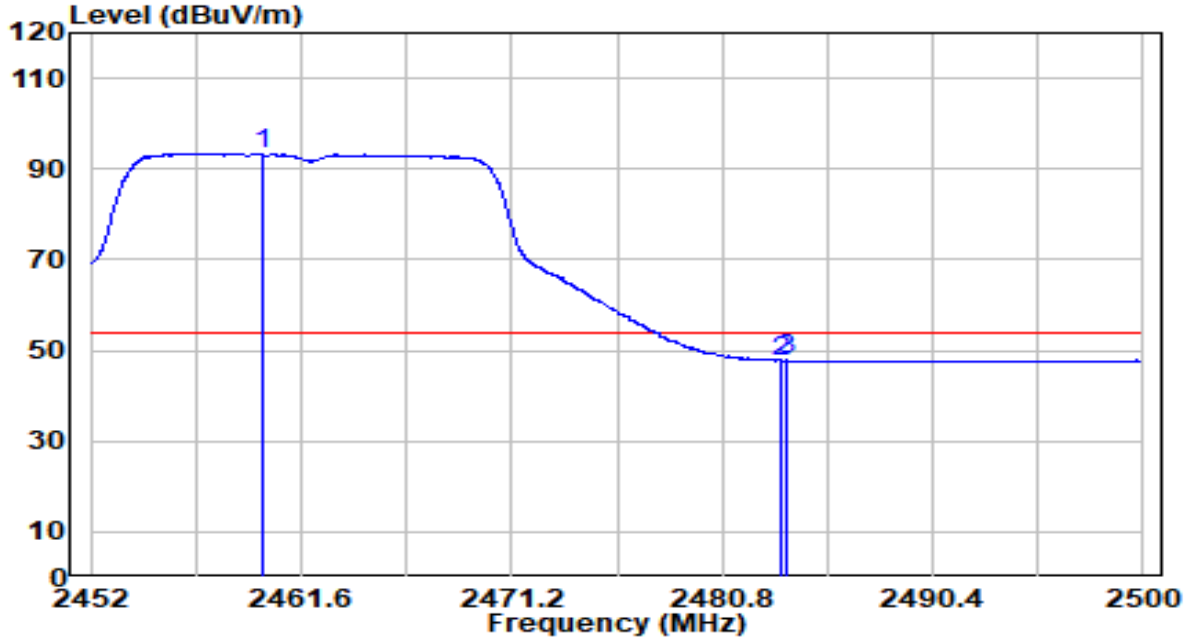


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2460.520	71.44	32.61	N/A	N/A	74.00	Peak
2		2483.500	26.72	32.71	59.43	-14.57	74.00	Peak
3		2486.176	29.22	32.72	61.94	-12.06	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OAW-AP1311	Date of Test	2020-09-27
Factor	BBHA 9120D (1GHz~18GHz)_2020	Temp. / Humidity	25.3°C/45.8%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin Ker
Test Mode	Transmit by 802.11g at Channel 2462MHz-Scan Antenna	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2459.800	60.83	32.60	N/A	N/A	54.00	Average
2		2483.500	15.06	32.71	47.76	-6.24	54.00	Average
3		2483.728	15.07	32.71	47.78	-6.22	54.00	Average

Note:

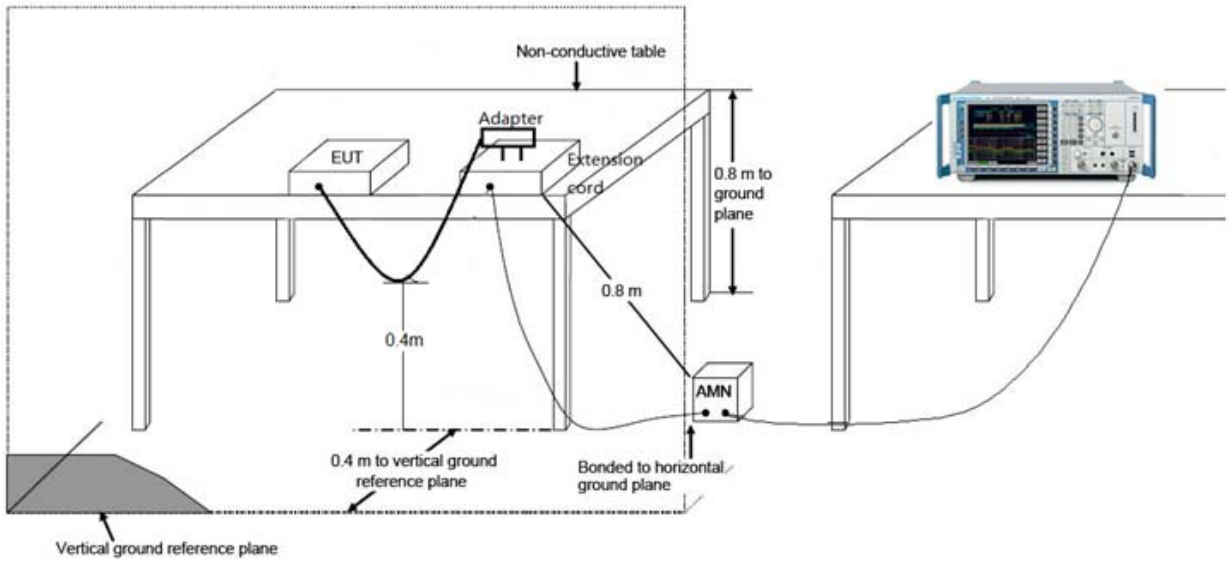
1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4.The emission levels of other frequencies are very lower than the limit and not show in test report.

6.8. AC Conducted Emissions Measurement

6.8.1.Test Limit

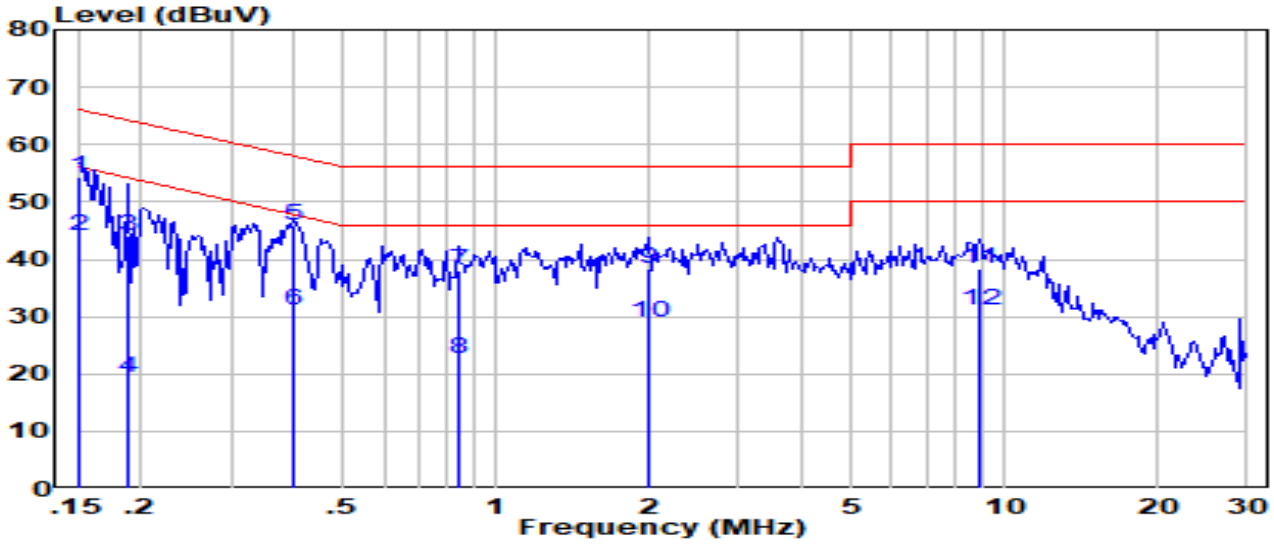
FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 ~ 0.50	66 ~ 56	56 ~ 46
0.50 ~ 5.0	56	46
5.0 ~ 30	60	50
Note 1: The lower limit shall apply at the transition frequencies. Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.		

6.8.2.Test Setup



6.8.3.Test Result

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	CE_ENV216-L1 (Filter ON)_2020	Temp. / Humidity	23.2°C /51.6%
Polarity	Line1	Site / Test Engineer	SR2 / Kevin Ker
Test Mode	Transmit by 802.11b at channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	0.150	44.88	9.61	54.46	-11.54	66.00	QP
2		0.150	34.58	9.61	44.16	-11.84	56.00	AV
3		0.188	34.61	9.61	44.19	-19.93	64.12	QP
4		0.188	9.61	9.61	19.19	-34.93	54.12	AV
5		0.397	36.16	9.62	45.74	-12.18	57.92	QP
6		0.397	21.56	9.62	31.14	-16.78	47.92	AV
7		0.838	28.43	9.65	38.02	-17.98	56.00	QP
8		0.838	13.13	9.65	22.72	-23.28	46.00	AV
9		1.990	28.73	9.69	38.33	-17.67	56.00	QP
10		1.990	19.43	9.69	29.03	-16.97	46.00	AV
11		8.920	28.82	9.85	38.48	-21.52	60.00	QP
12		8.920	21.52	9.85	31.18	-18.82	50.00	AV

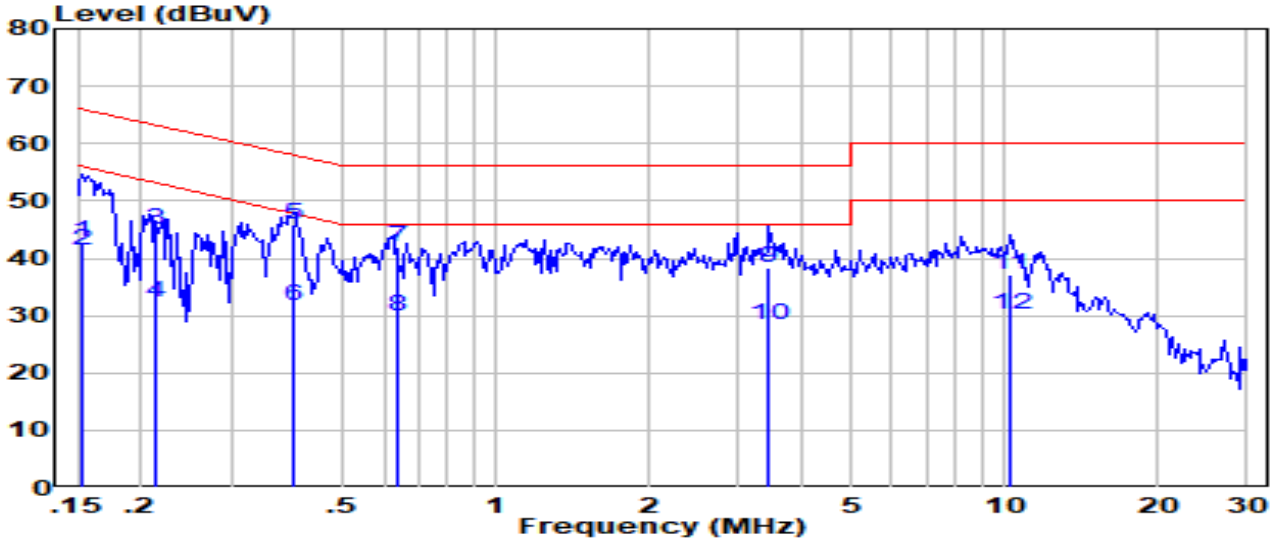
Note:

1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	CE_ENV216-N (Filter ON)_2020	Temp. / Humidity	23.2°C /51.6%
Polarity	Neutral	Site / Test Engineer	SR2 / Kevin Ker
Test Mode	Transmit by 802.11b at channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		0.153	9.62	9.59	43.00	-22.84	65.84	QP
2		0.153	9.62	9.59	41.33	-14.50	55.84	AV
3		0.214	9.62	9.59	45.03	-18.02	63.05	QP
4		0.214	9.62	9.59	32.23	-20.82	53.05	AV
5	*	0.400	9.63	9.59	45.96	-11.89	57.85	QP
6		0.400	9.63	9.59	31.56	-16.29	47.85	AV
7		0.637	9.65	9.59	41.87	-14.13	56.00	QP
8		0.637	9.65	9.59	29.77	-16.23	46.00	AV
9		3.440	9.72	9.61	38.28	-17.72	56.00	QP
10		3.440	9.72	9.61	28.48	-17.52	46.00	AV
11		10.250	9.89	9.68	37.25	-22.75	60.00	QP
12		10.250	9.89	9.68	30.05	-19.95	50.00	AV

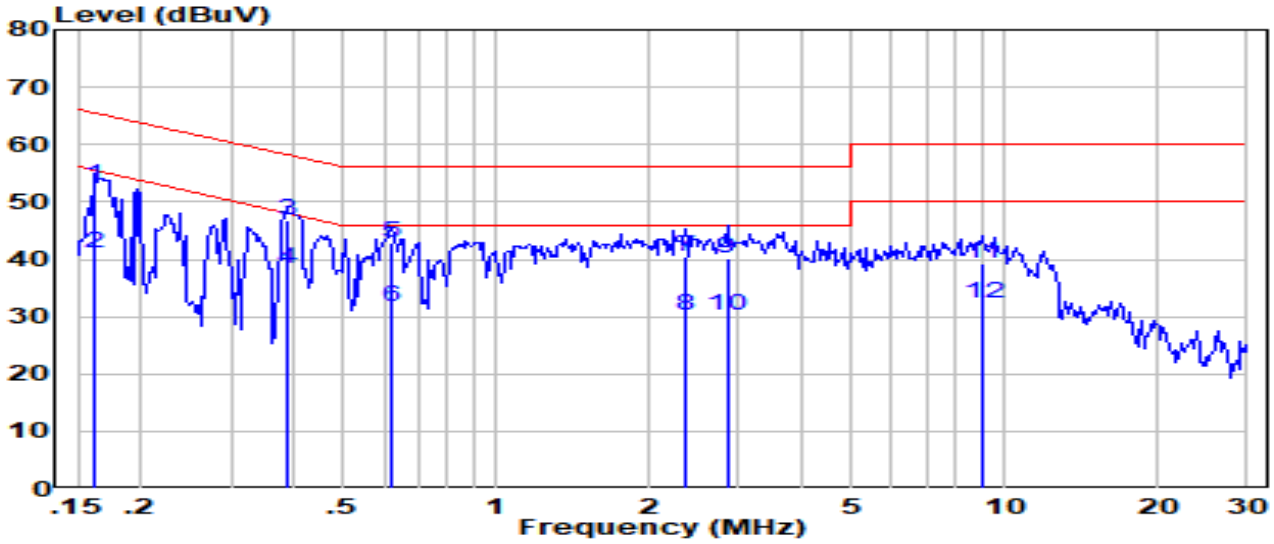
Note:

1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	CE_ENV216-L1 (Filter ON)_2020	Temp. / Humidity	23.2°C /51.6%
Polarity	Line1	Site / Test Engineer	SR2 / Kevin Ker
Test Mode	Transmit by 802.11g at channel 2437MHz-Scan Antenna	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		0.162	43.29	9.61	52.87	-12.49	65.36	QP
2		0.162	31.59	9.61	41.17	-14.19	55.36	AV
3		0.385	37.26	9.62	46.84	-11.33	58.17	QP
4	*	0.385	28.86	9.62	38.44	-9.73	48.17	AV
5		0.621	33.40	9.64	42.98	-13.02	56.00	QP
6		0.621	22.00	9.64	31.58	-14.42	46.00	AV
7		2.350	30.75	9.70	40.35	-15.65	56.00	QP
8		2.350	20.55	9.70	30.15	-15.85	46.00	AV
9		2.840	30.54	9.70	40.14	-15.86	56.00	QP
10		2.840	20.54	9.70	30.14	-15.86	46.00	AV
11		9.010	29.62	9.85	39.28	-20.72	60.00	QP
12		9.010	22.72	9.85	32.38	-17.62	50.00	AV

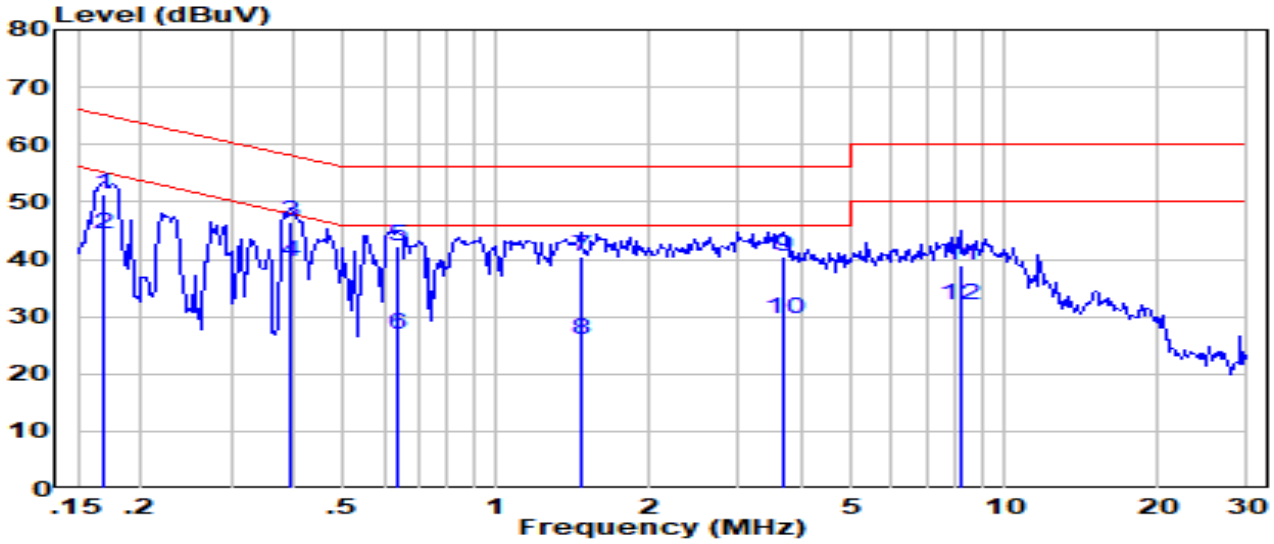
Note:

1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	OAW-AP1311	Date of Test	2020-09-22
Factor	CE_ENV216-N (Filter ON)_2020	Temp. / Humidity	23.2°C /51.6%
Polarity	Neutral	Site / Test Engineer	SR2 / Kevin Ker
Test Mode	Transmit by 802.11g at channel 2437MHz -Scan Antenna	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		0.169	41.74	9.62	51.33	-13.68	65.01	QP
2		0.169	34.64	9.62	44.23	-10.78	55.01	AV
3		0.393	36.97	9.63	46.56	-11.44	58.00	QP
4	*	0.393	29.97	9.63	39.56	-8.44	48.00	AV
5		0.640	32.78	9.65	42.37	-13.63	56.00	QP
6		0.640	17.18	9.65	26.77	-19.23	46.00	AV
7		1.460	30.95	9.68	40.55	-15.45	56.00	QP
8		1.460	16.25	9.68	25.85	-20.15	46.00	AV
9		3.680	30.81	9.72	40.43	-15.57	56.00	QP
10		3.680	20.11	9.72	29.73	-16.27	46.00	AV
11		8.160	29.30	9.84	38.96	-21.04	60.00	QP
12		8.160	22.40	9.84	32.06	-17.94	50.00	AV

Note:

1. " *", means this data is the worst emission level.

2.C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

7. CONCLUSION

The data collected relate only the item(s) tested and show that the unit is compliance with Part 15C of the FCC rules.

The End

Appendix A - Test Setup Photograph

Refer to “2010TW0002-UT” file.

Appendix B - EUT Photograph

Refer to “2010TW0002-UE” file.