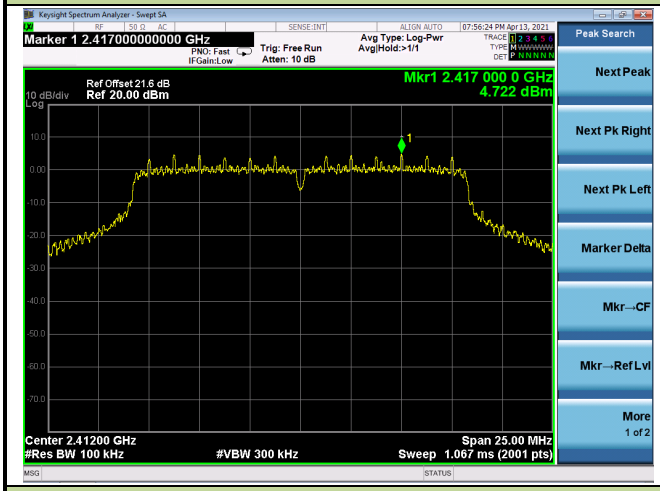
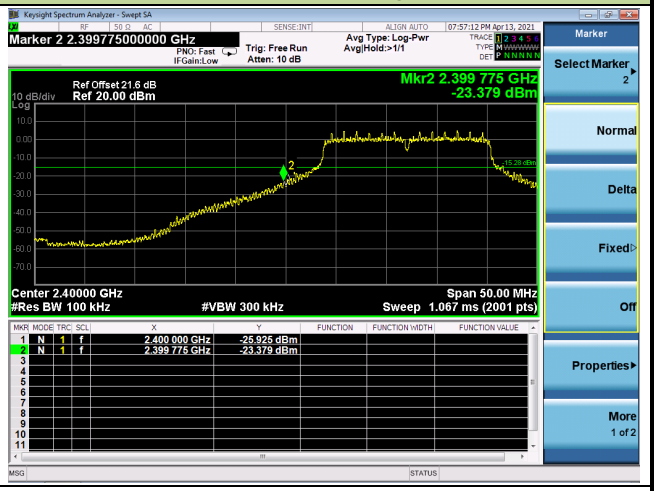
802.11g Out-of-Band Emissions – Scan Antenna

Channel 01 (2412MHz)

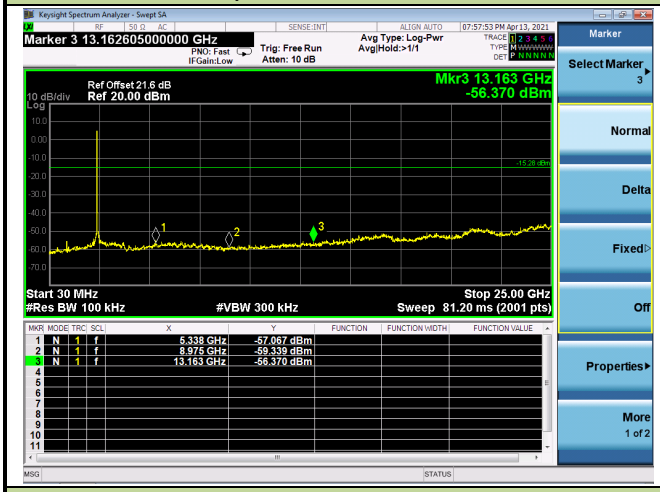
100kHz PSD Reference Level



Low Band Edge

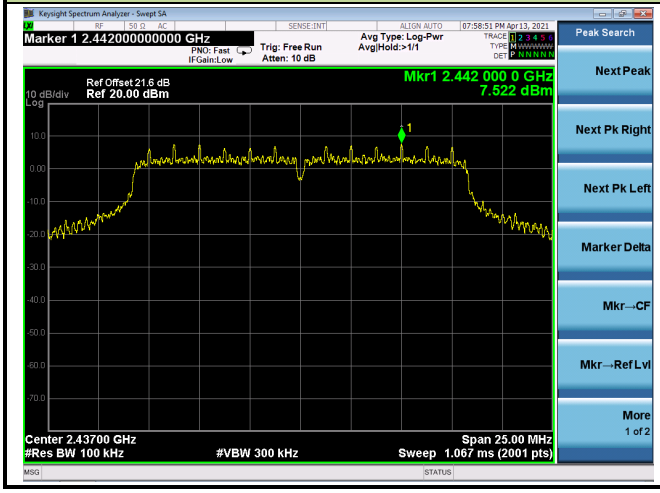


Spurious Emission

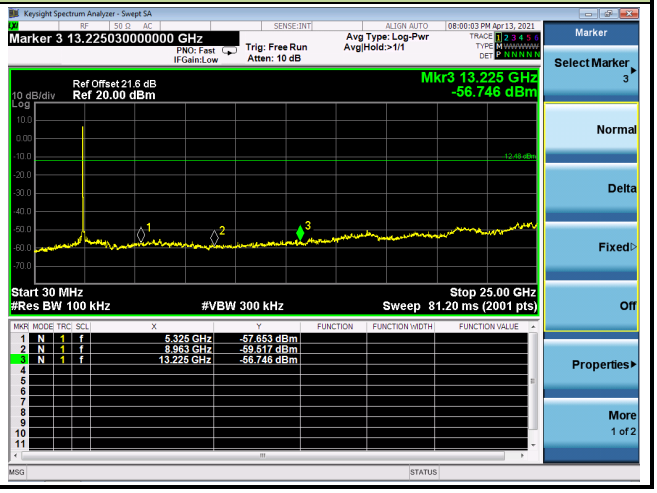


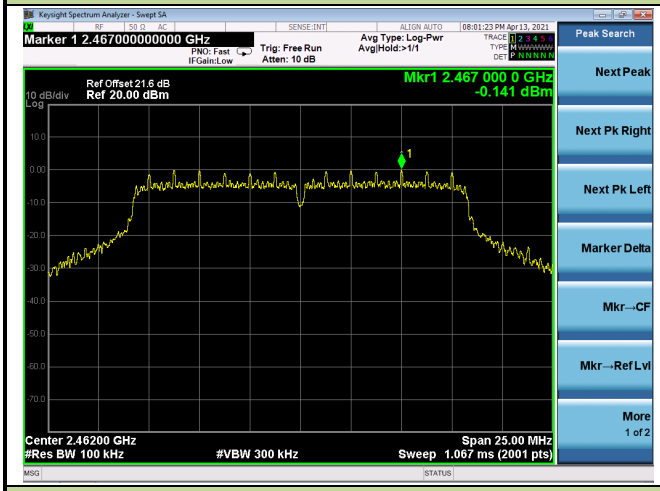
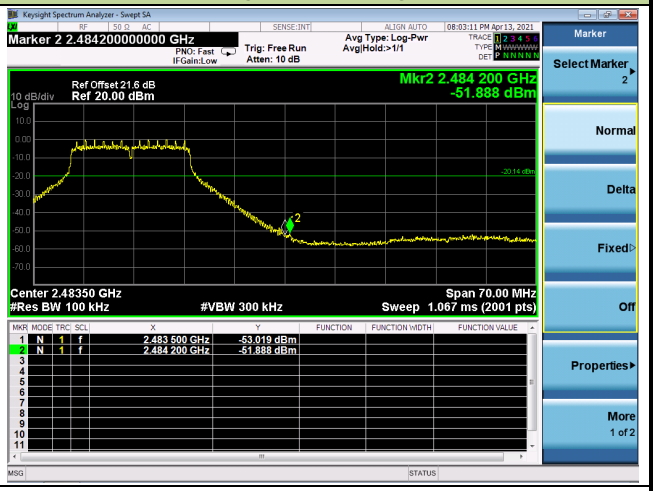
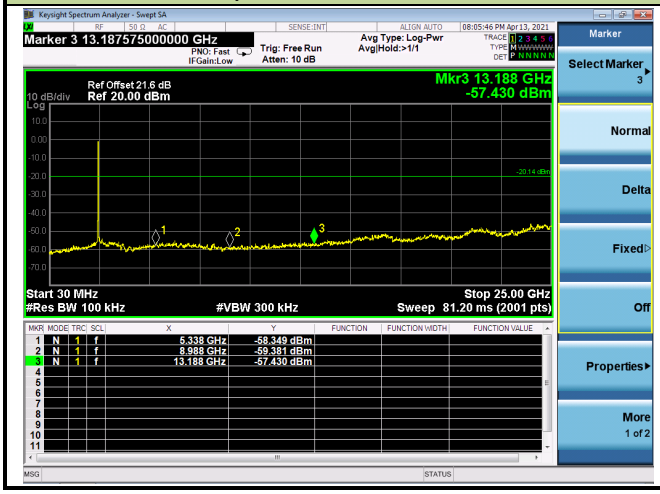
Channel 06 (2437MHz)

100kHz PSD Reference Level



Spurious Emission

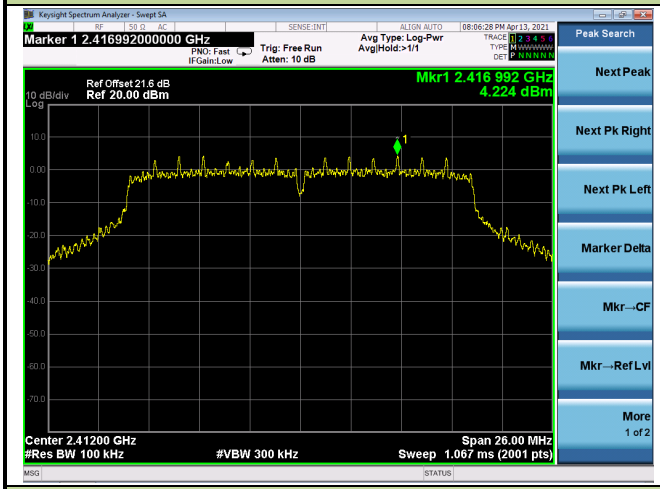


802.11g Out-of-Band Emissions – Scan Antenna	
Channel 11 (2462MHz)	
100kHz PSD Reference Level	High Band Edge
	
Spurious Emission	
	

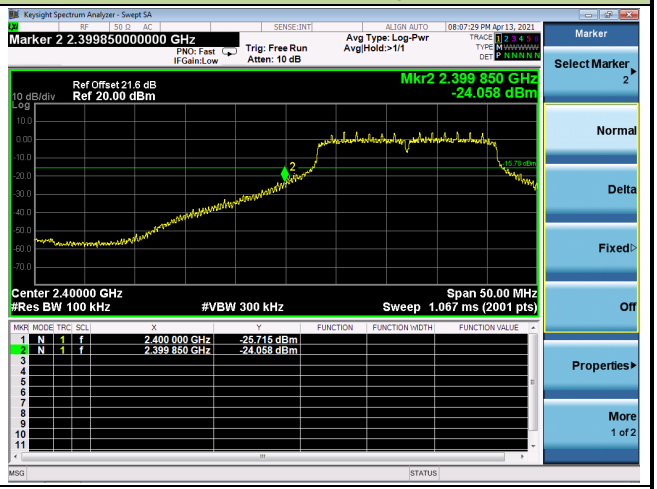
802.11n-HT20 Out-of-Band Emissions – Scan Antenna

Channel 01 (2412MHz)

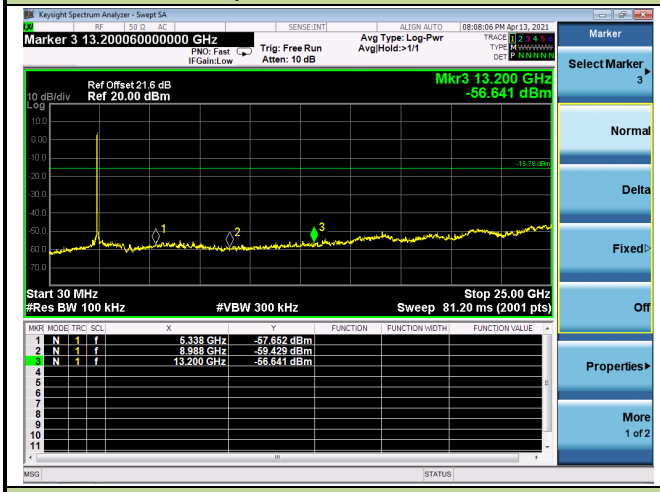
100kHz PSD Reference Level



Low Band Edge

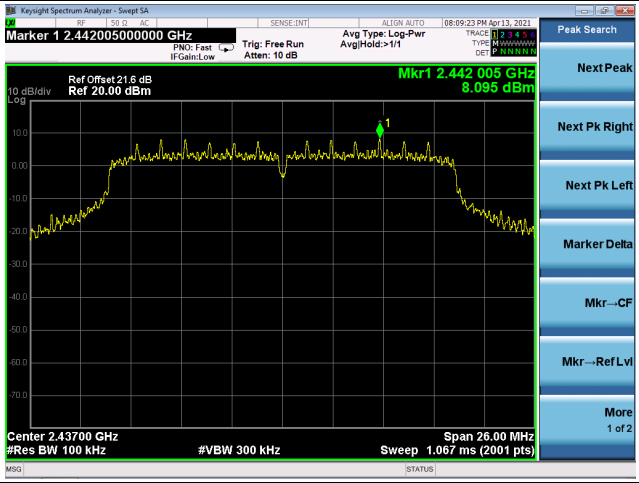


Spurious Emission

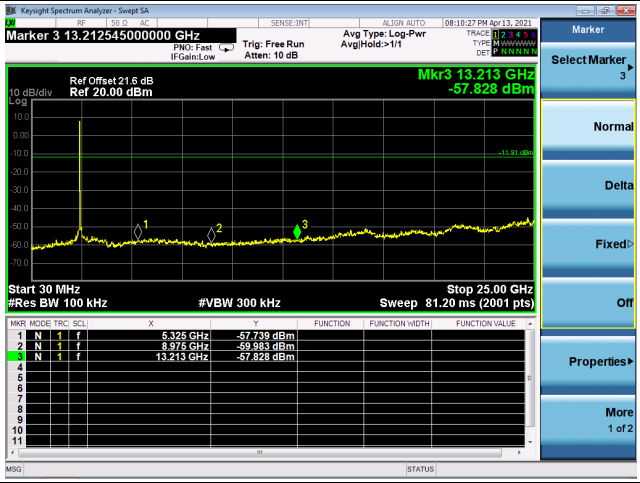


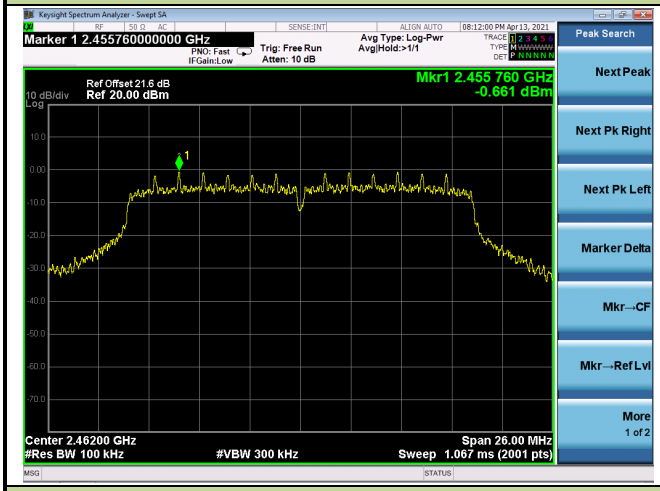
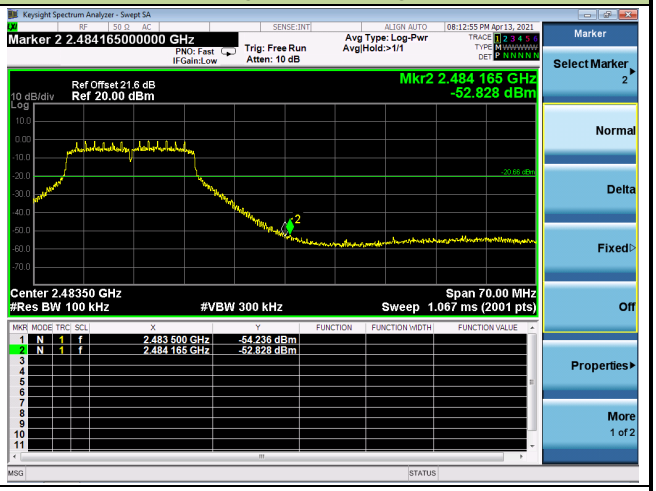
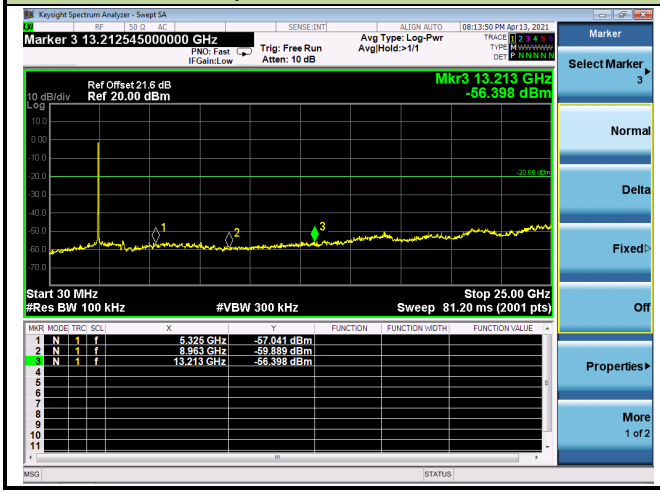
Channel 06 (2437MHz)

100kHz PSD Reference Level



Spurious Emission

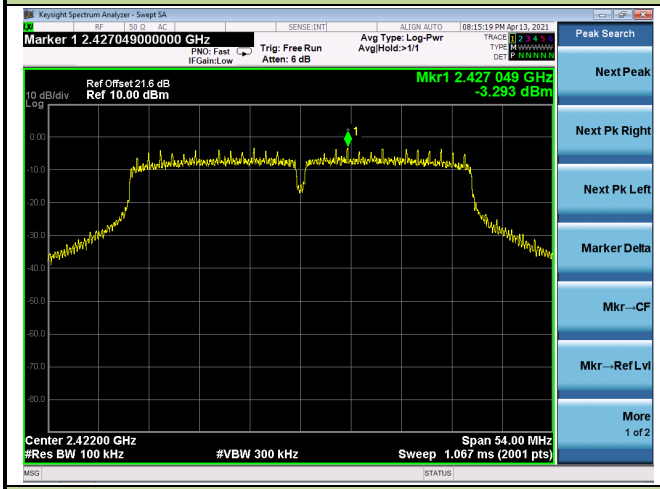


802.11n-HT20 Out-of-Band Emissions – Scan Antenna	
Channel 11 (2462MHz)	
100kHz PSD Reference Level	High Band Edge
	
Spurious Emission	
	

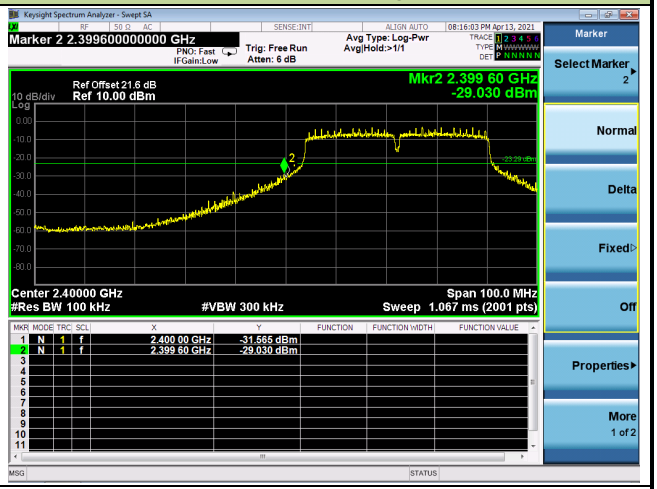
802.11n-HT40 Out-of-Band Emissions – Scan Antenna

Channel 03 (2422MHz)

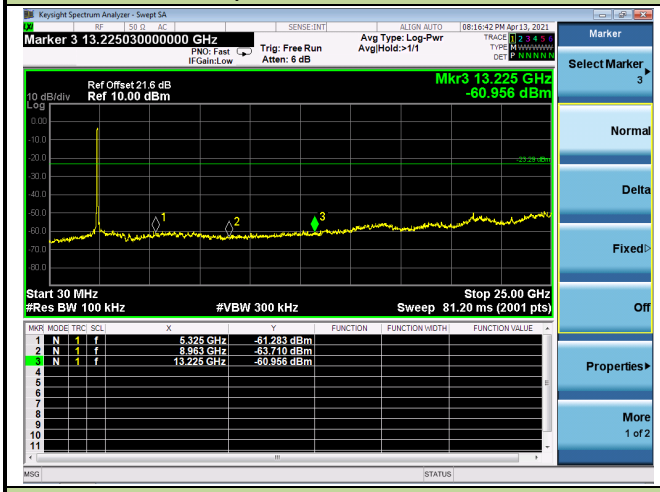
100kHz PSD Reference Level



Low Band Edge

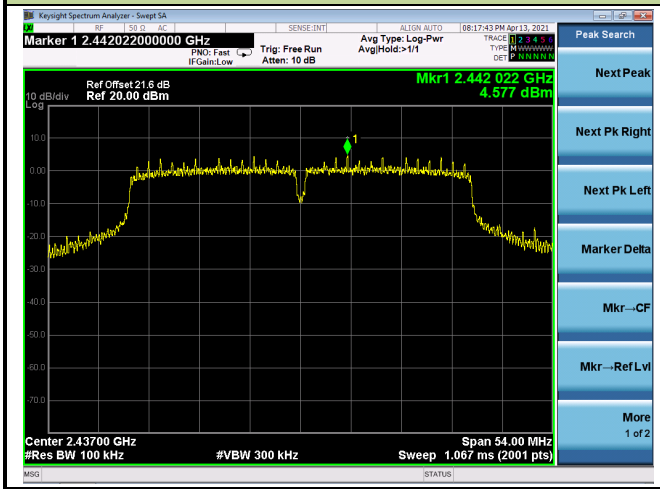


Spurious Emission

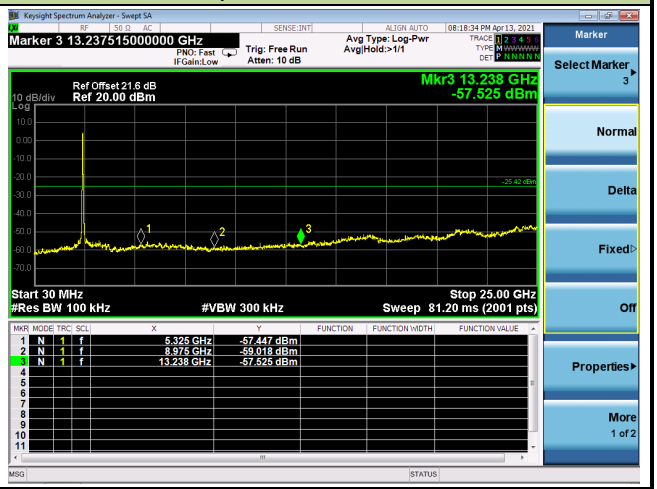


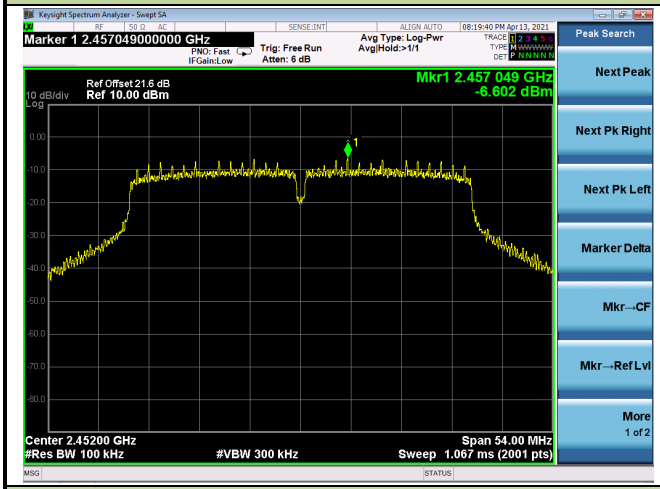
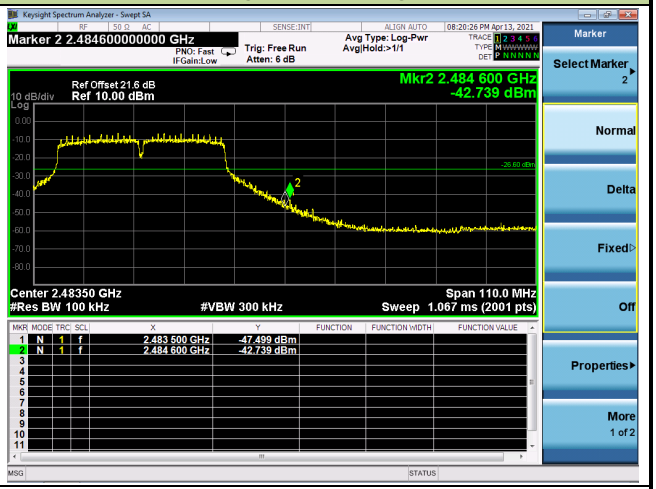
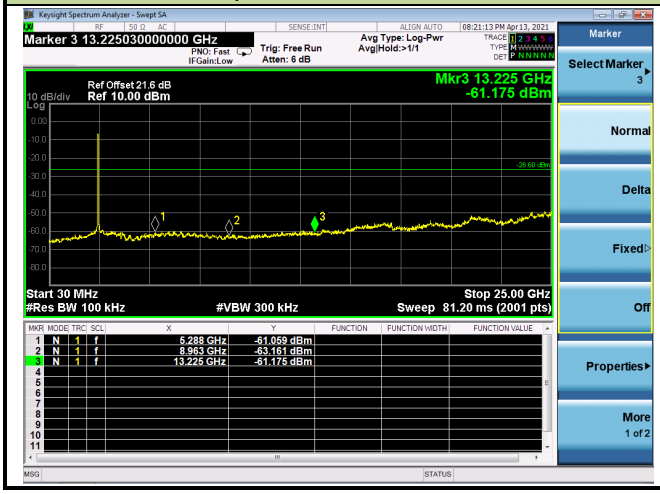
Channel 06 (2437MHz)

100kHz PSD Reference Level



Spurious Emission



802.11n-HT40 Out-of-Band Emissions – Scan Antenna	
Channel 09 (2452MHz)	
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 - 2013 - Section 11.11 & 11.12

ANSI C63.10 - 2013 - Section 6.3 (General Requirements)

ANSI C63.10 - 2013 - Section 6.4 (Standard test method below 30MHz)

ANSI C63.10 - 2013 - Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10 - 2013 - Section 6.6 (Standard test method above 1GHz)

6.6.3.Test Setting

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
> 1000MHz	1MHz

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. Span was set greater than 1MHz

3. RBW = as specified in Table 1

4. Detector = CISPR quasi-peak

5. Sweep time = auto couple

6. Trace was allowed to stabilize

Peak Measurements above 1GHz

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 Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10 Hz.

If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.

4. Detector = Peak

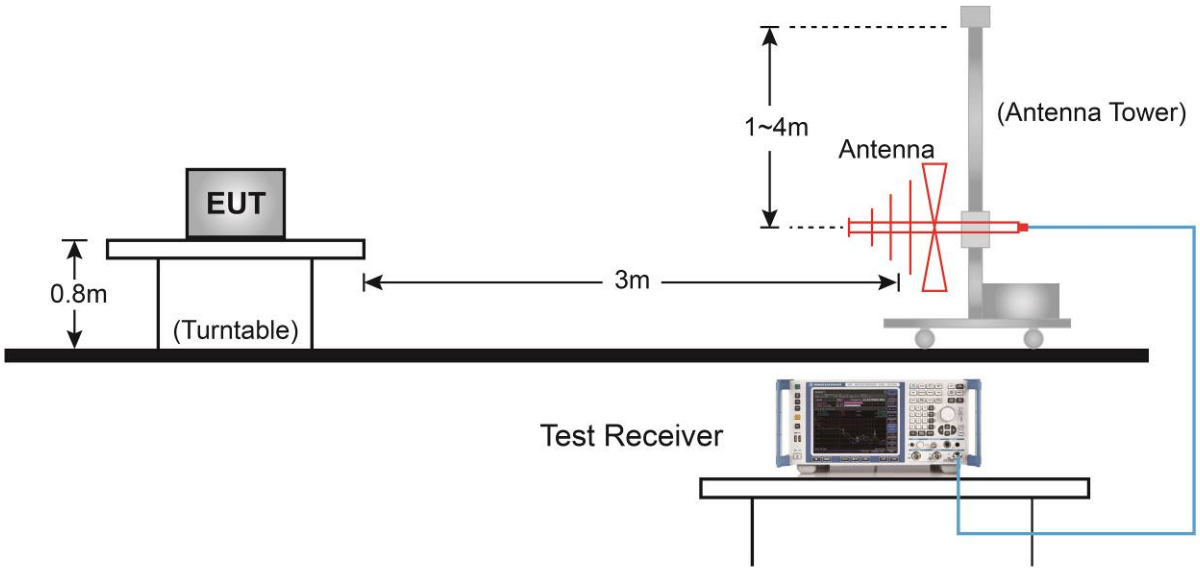
5. Sweep time = auto

6. Trace mode = max hold

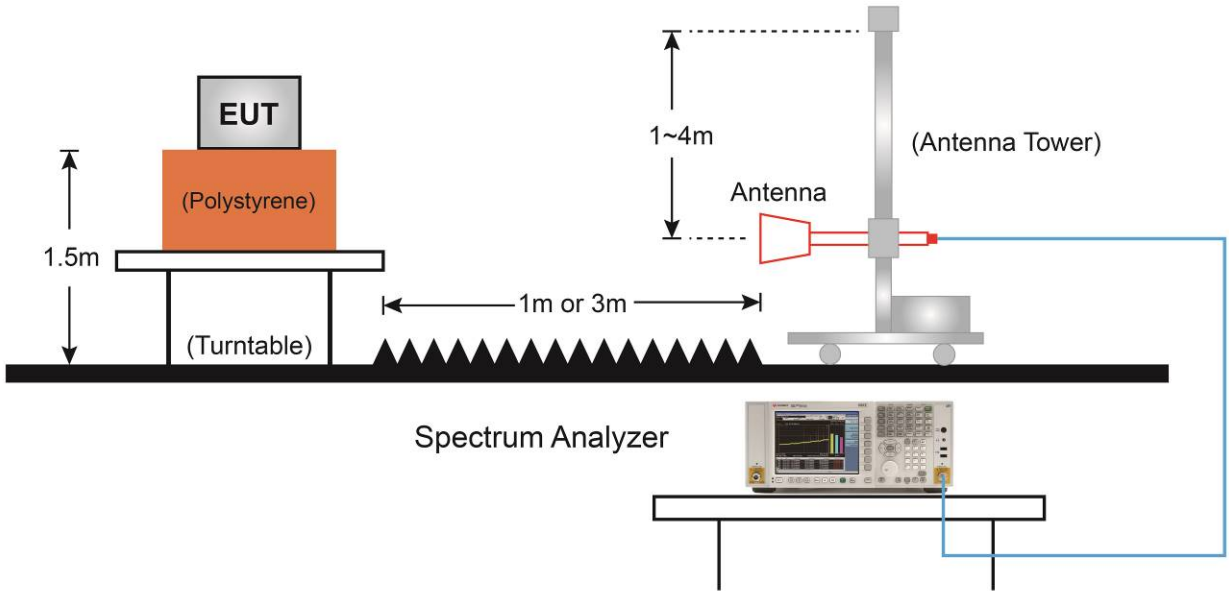
7. Trace was allowed to stabilize

6.6.4.Test Setup

Below 1GHz Test Setup:

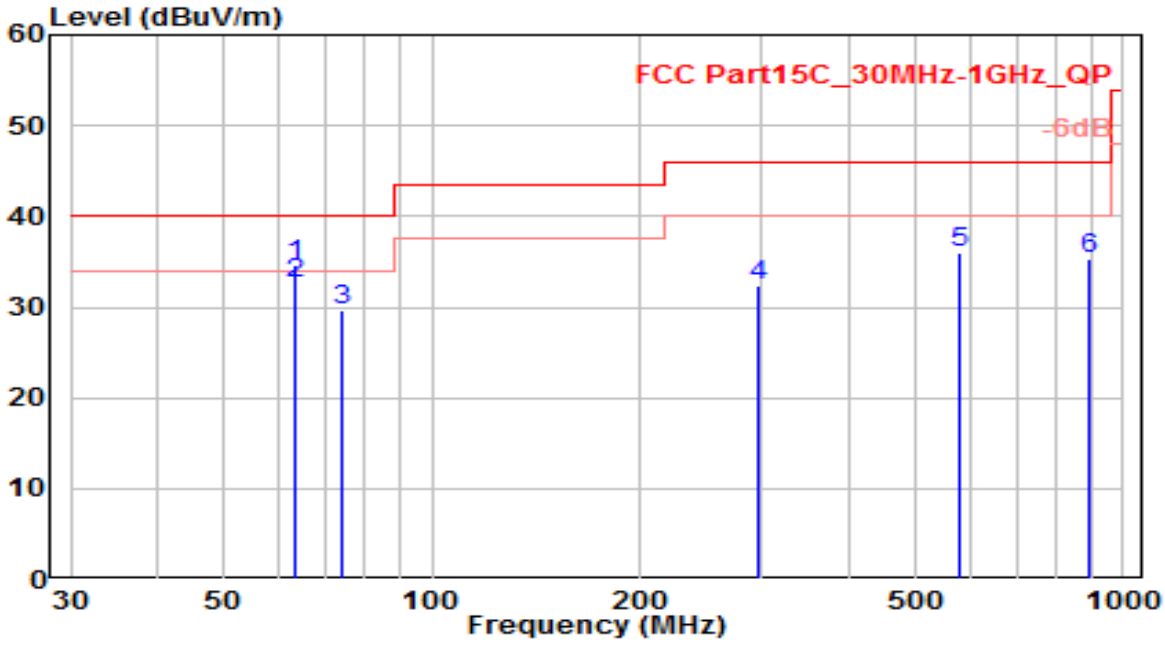


Above 1GHz Test Setup:



6.6.5.Test Result

EUT	OAW-AP1351	Date of Test	2021-05-14
Factor	VULB 9162	Temp. / Humidity	25°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Hance
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1+2+3	Test Voltage	By PoE

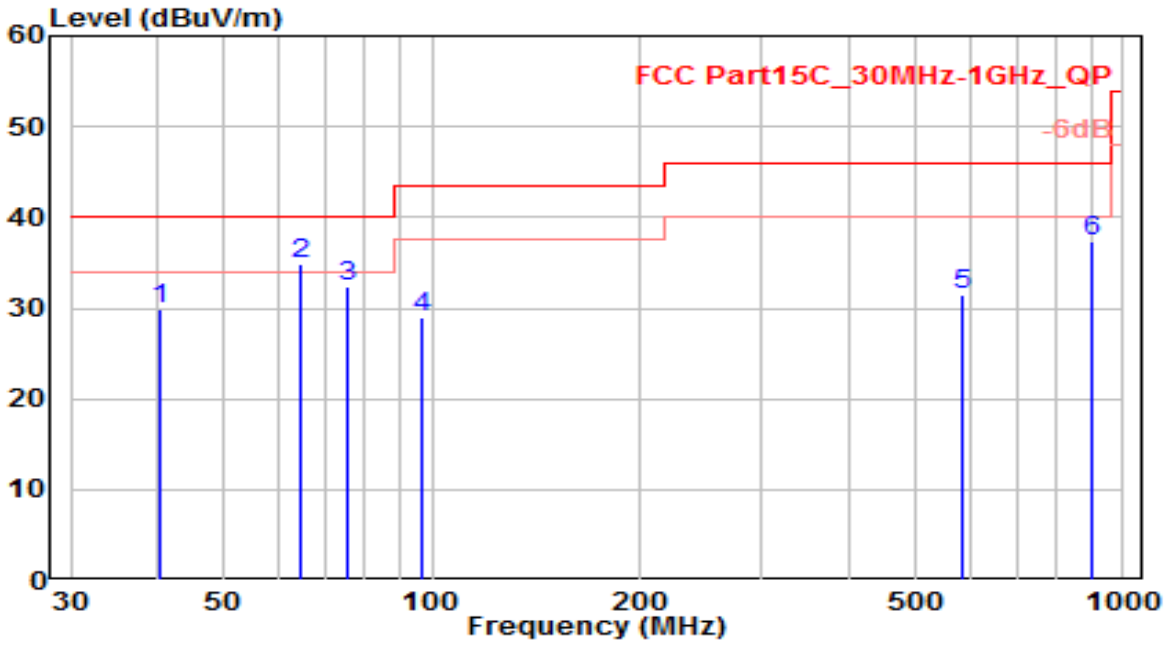


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	63.250	15.49	19.16	34.65	-5.35	40.00	100	130	QP
2		63.590	13.63	19.05	32.68	-7.32	40.00	120	100	QP
3		73.990	13.66	15.92	29.58	-10.42	40.00	100	190	QP
4		296.460	10.86	21.42	32.28	-13.72	46.00	110	220	QP
5		579.450	8.68	27.39	36.07	-9.93	46.00	130	360	QP
6		889.140	3.51	31.71	35.22	-10.78	46.00	100	110	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-14
Factor	VULB 9162	Temp. / Humidity	25°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Hance
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1+2+3	Test Voltage	By PoE

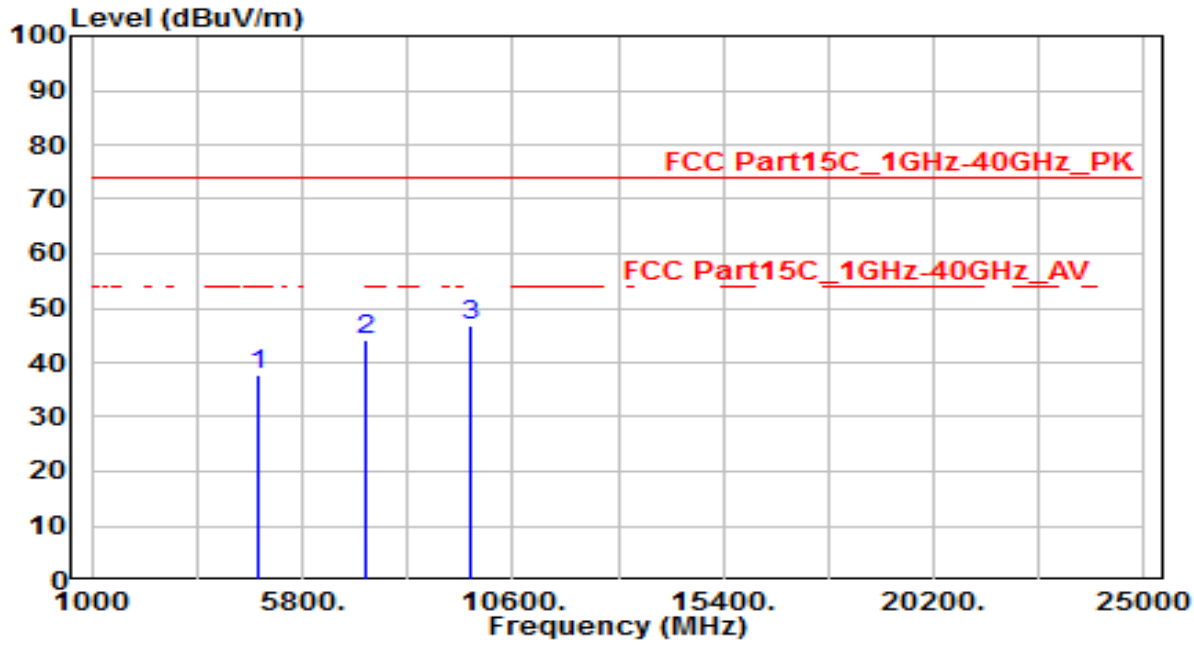


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		40.260	8.73	21.10	29.83	-10.17	40.00	110	40	QP
2	*	64.310	15.96	18.81	34.77	-5.23	40.00	110	210	QP
3		75.640	16.85	15.49	32.34	-7.66	40.00	120	70	QP
4		96.710	10.45	18.43	28.88	-14.62	43.50	100	120	QP
5		583.510	3.95	27.47	31.42	-14.58	46.00	100	10	QP
6		899.470	5.62	31.77	37.39	-8.61	46.00	100	180	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE

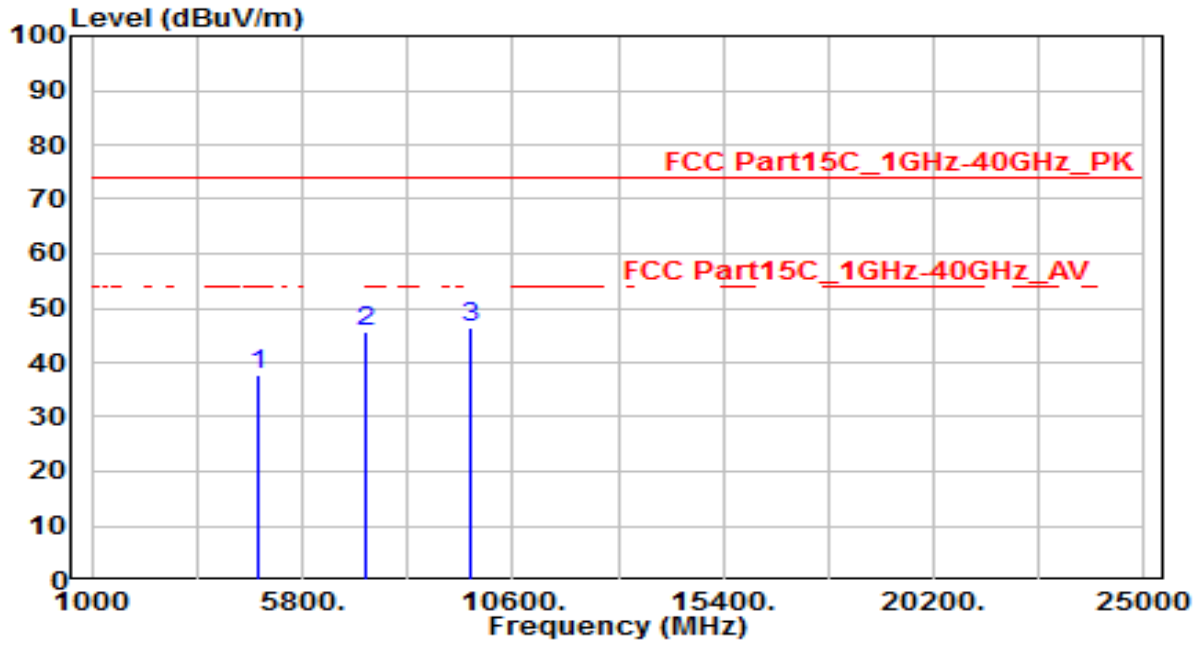


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	34.20	3.63	37.84	-36.16	74.00	150	360	Peak
2		7236.000	32.30	11.85	44.15	-29.85	74.00	150	360	Peak
3	*	9648.000	30.92	15.97	46.89	-27.11	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE

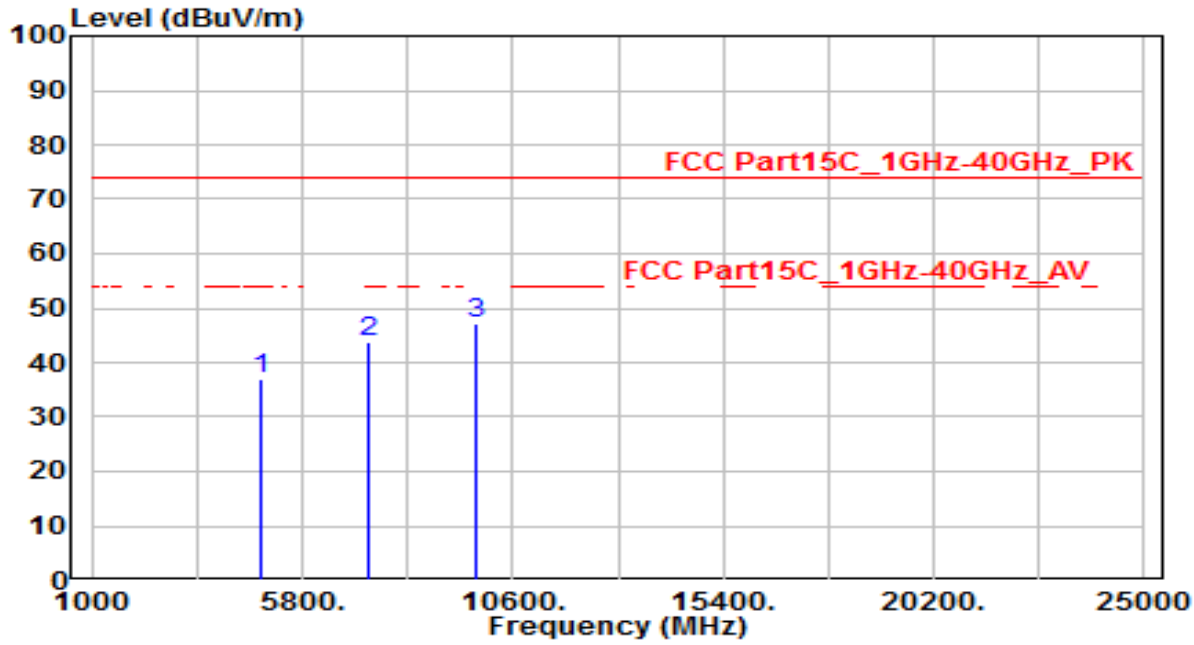


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	34.06	3.63	37.70	-36.30	74.00	150	360	Peak
2		7236.000	33.69	11.85	45.54	-28.46	74.00	150	360	Peak
3	*	9648.000	30.42	15.97	46.38	-27.62	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 6_ANT 0+1+2+3	Test Voltage	By PoE

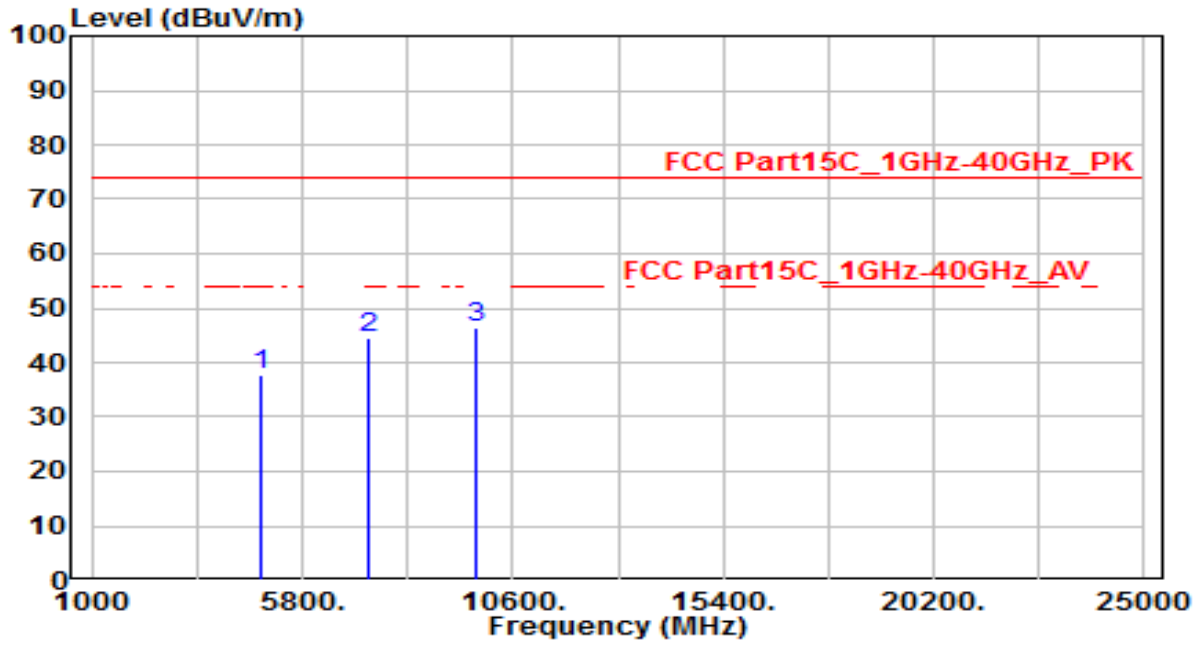


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	33.41	3.72	37.14	-36.86	74.00	150	360	Peak
2		7311.000	31.66	12.18	43.84	-30.16	74.00	150	360	Peak
3	*	9748.000	30.96	16.14	47.10	-26.90	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 6_ANT 0+1+2+3	Test Voltage	By PoE

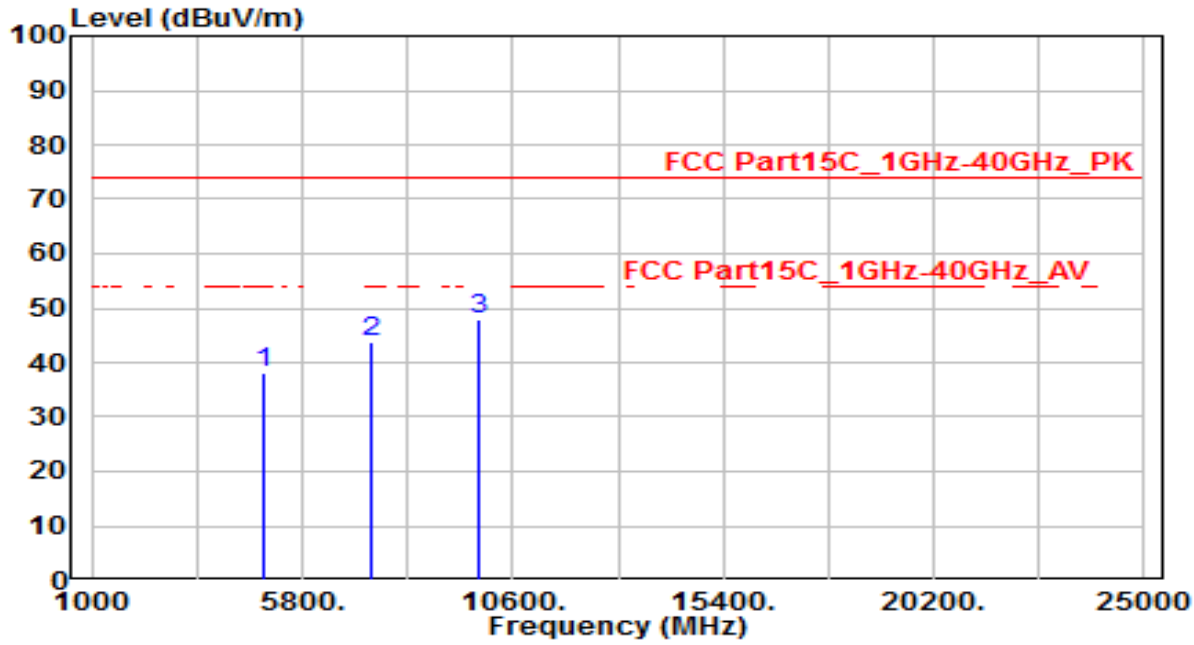


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	34.02	3.72	37.75	-36.25	74.00	150	360	Peak
2		7311.000	32.35	12.18	44.53	-29.47	74.00	150	360	Peak
3	*	9748.000	30.43	16.14	46.57	-27.43	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 11_ANT 0+1+2+3	Test Voltage	By PoE

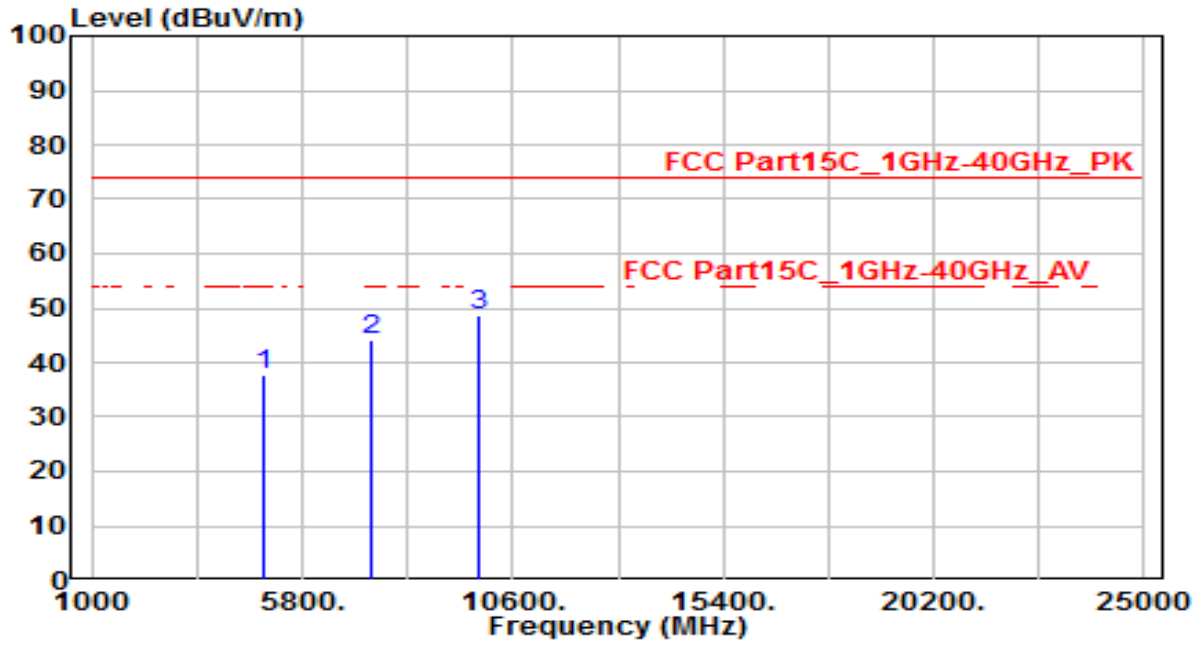


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	34.33	3.81	38.15	-35.85	74.00	150	360	Peak
2		7386.000	31.16	12.51	43.67	-30.33	74.00	150	360	Peak
3	*	9848.000	31.59	16.30	47.89	-26.11	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 11_ANT 0+1+2+3	Test Voltage	By PoE

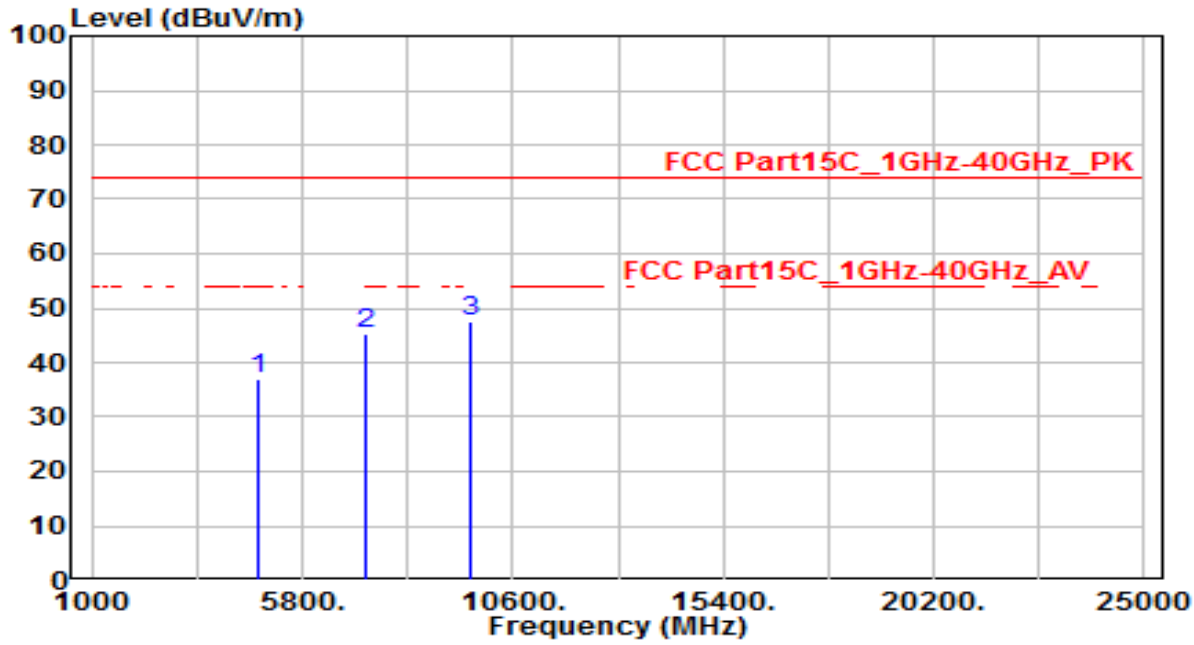


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	33.99	3.81	37.81	-36.19	74.00	150	360	Peak
2		7386.000	31.49	12.51	44.00	-30.00	74.00	150	360	Peak
3	*	9848.000	32.30	16.30	48.61	-25.39	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE

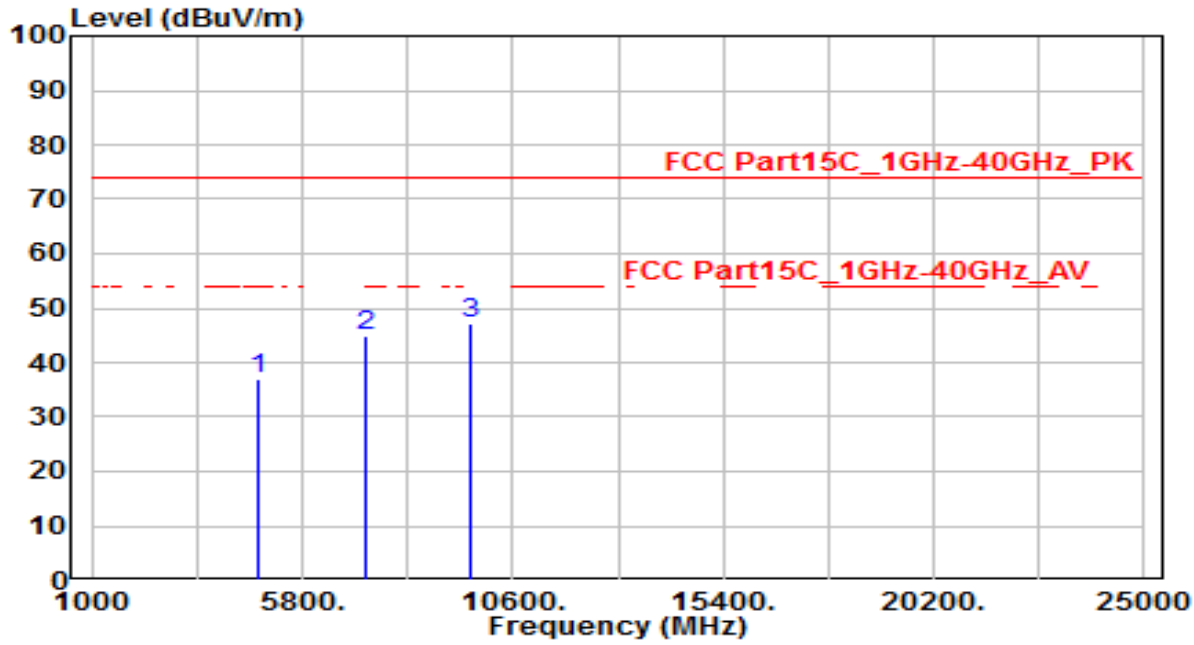


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	33.33	3.63	36.97	-37.03	74.00	150	360	Peak
2		7236.000	33.54	11.85	45.38	-28.62	74.00	150	360	Peak
3	*	9648.000	31.64	15.97	47.61	-26.39	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE

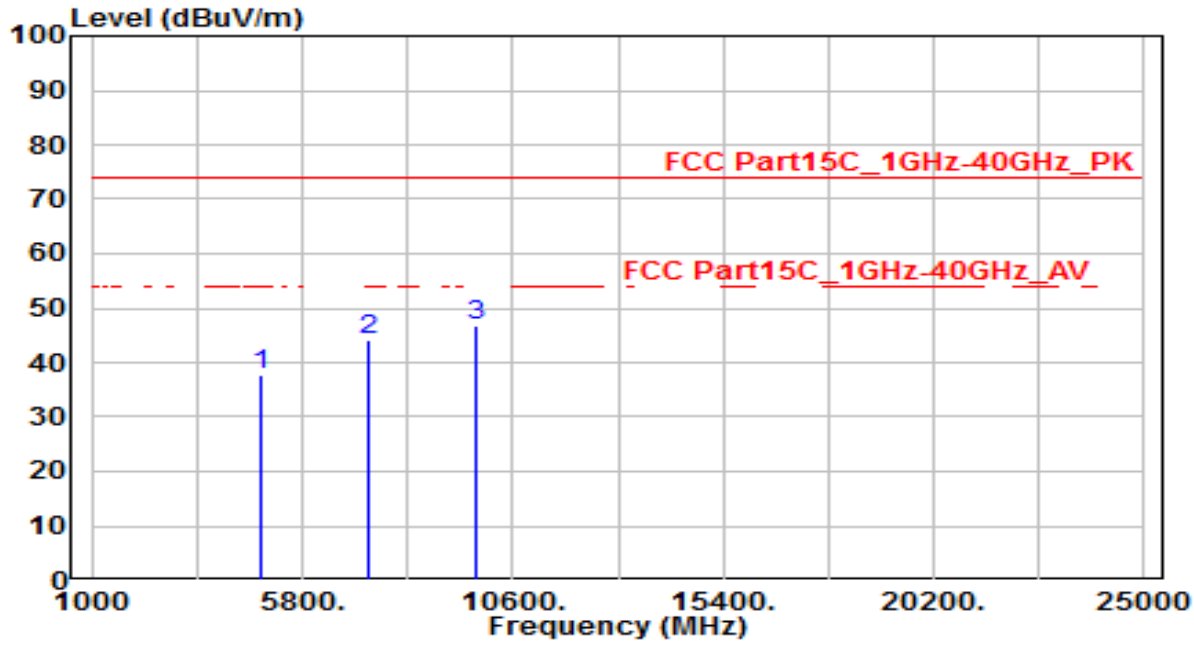


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	33.40	3.63	37.03	-36.97	74.00	150	360	Peak
2		7236.000	33.08	11.85	44.92	-29.08	74.00	150	360	Peak
3	*	9648.000	31.14	15.97	47.11	-26.89	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 6_ANT 0+1+2+3	Test Voltage	By PoE

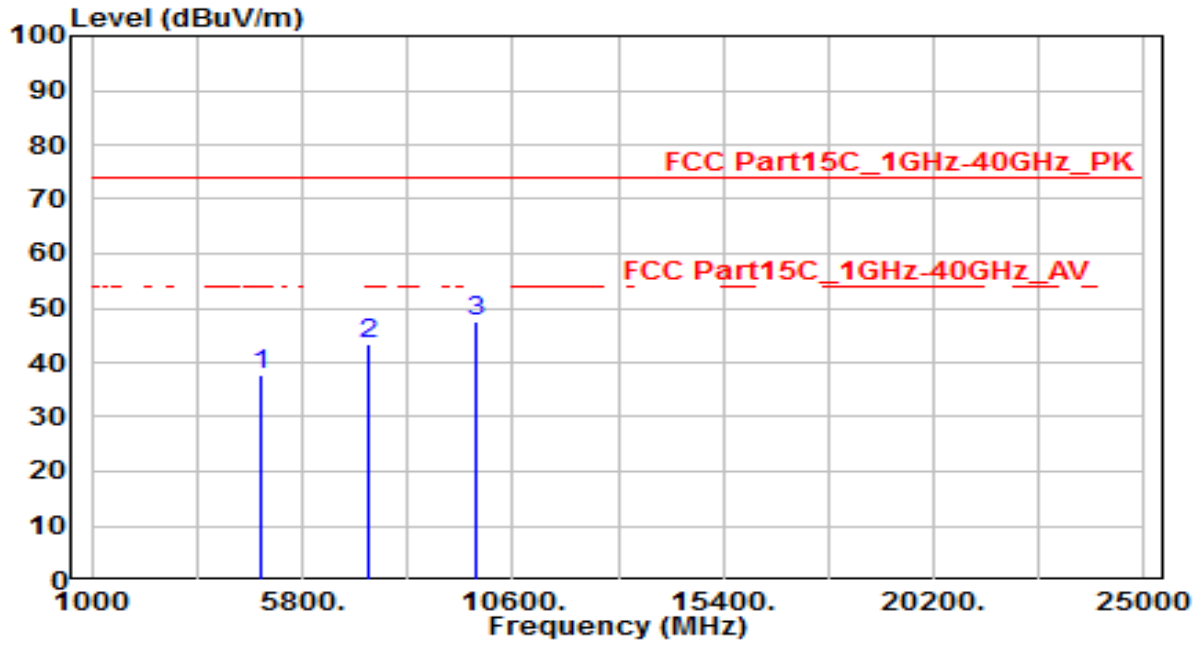


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	34.00	3.72	37.72	-36.28	74.00	150	360	Peak
2		7311.000	31.94	12.18	44.12	-29.88	74.00	150	360	Peak
3	*	9748.000	30.49	16.14	46.63	-27.37	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 6_ANT 0+1+2+3	Test Voltage	By PoE

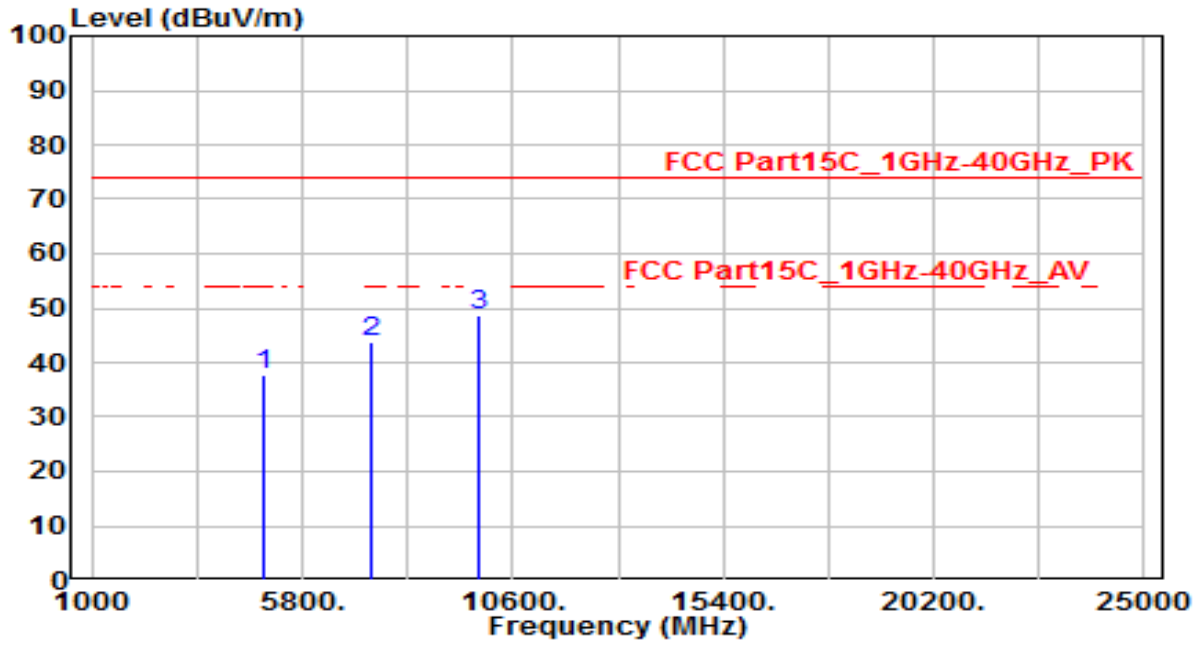


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	33.84	3.72	37.57	-36.43	74.00	150	360	Peak
2		7311.000	31.22	12.18	43.40	-30.60	74.00	150	360	Peak
3	*	9748.000	31.37	16.14	47.51	-26.49	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 11_ANT 0+1+2+3	Test Voltage	By PoE

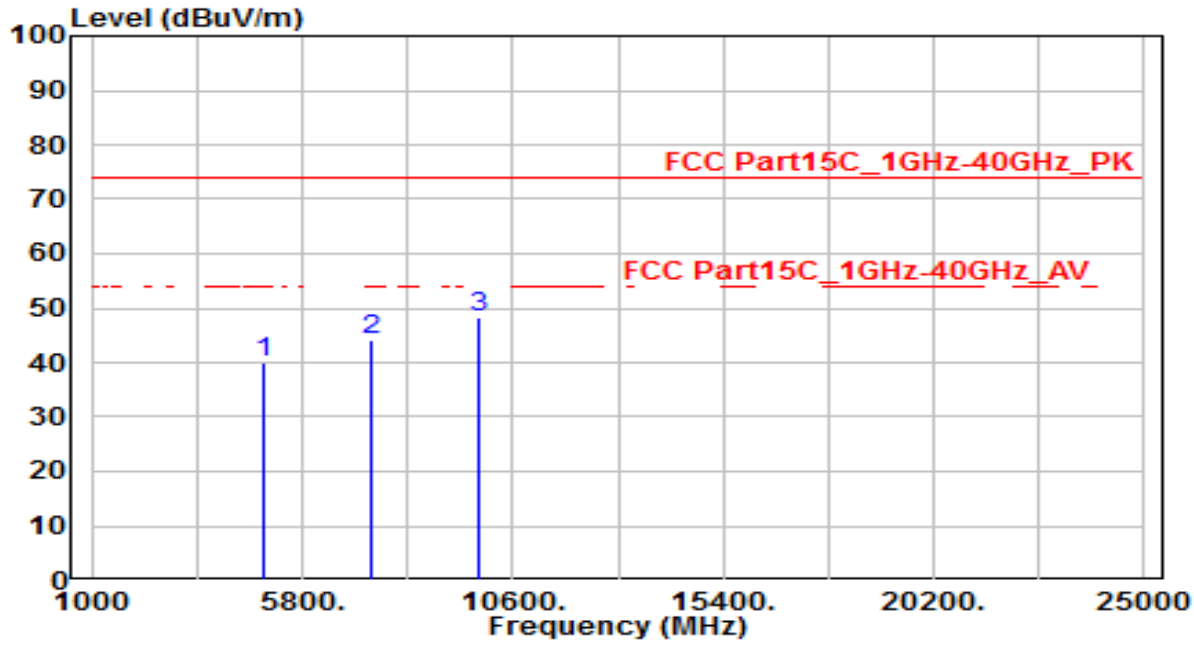


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	34.08	3.81	37.89	-36.11	74.00	150	360	Peak
2		7386.000	31.32	12.51	43.83	-30.17	74.00	150	360	Peak
3	*	9848.000	32.41	16.30	48.72	-25.28	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 11_ANT 0+1+2+3	Test Voltage	By PoE

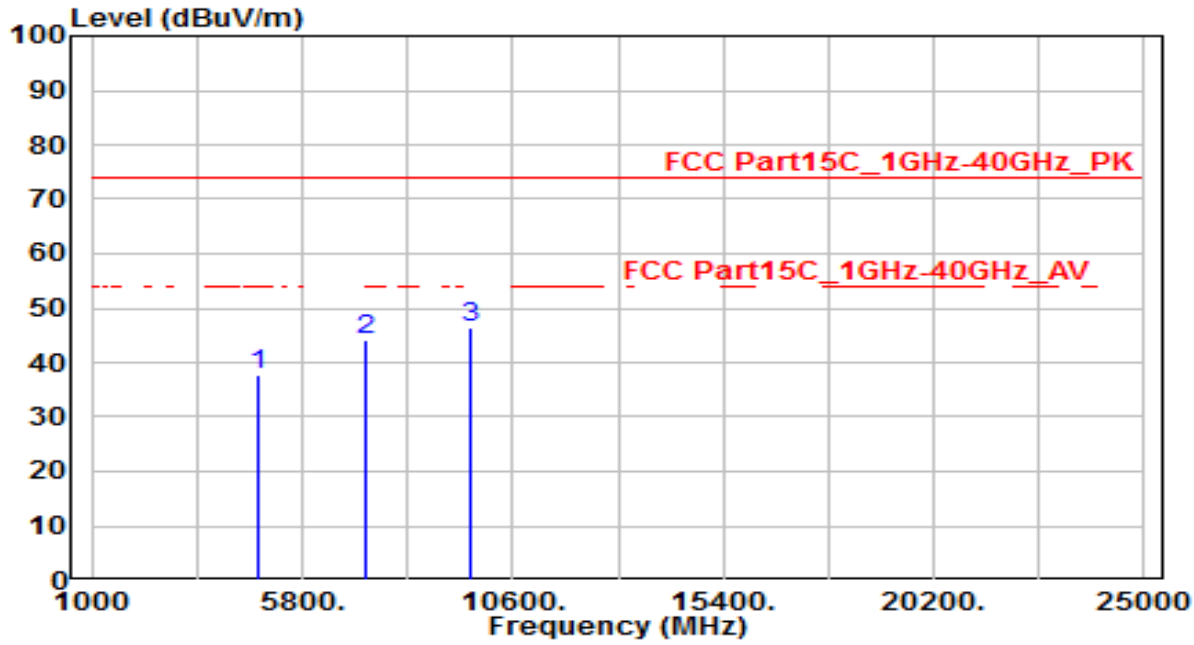


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	36.31	3.81	40.12	-33.88	74.00	150	360	Peak
2		7386.000	31.64	12.51	44.15	-29.85	74.00	150	360	Peak
3	*	9848.000	31.82	16.30	48.12	-25.88	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE

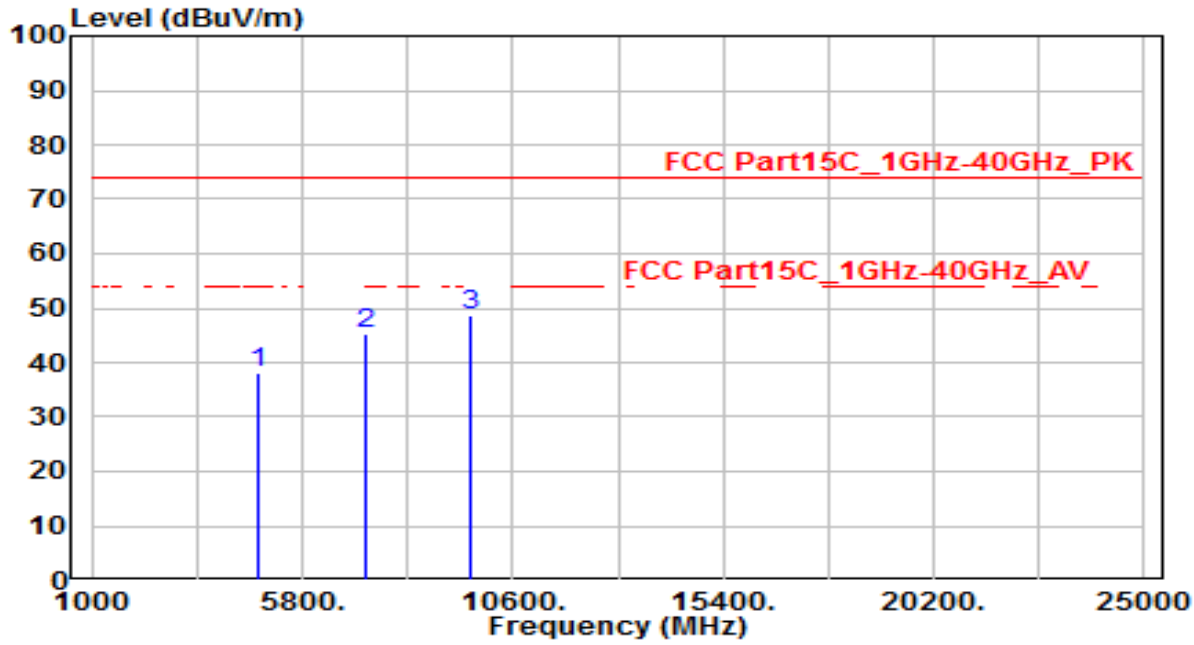


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	34.06	3.63	37.70	-36.30	74.00	150	360	Peak
2		7236.000	32.43	11.85	44.27	-29.73	74.00	150	360	Peak
3	*	9648.000	30.49	15.97	46.46	-27.54	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE

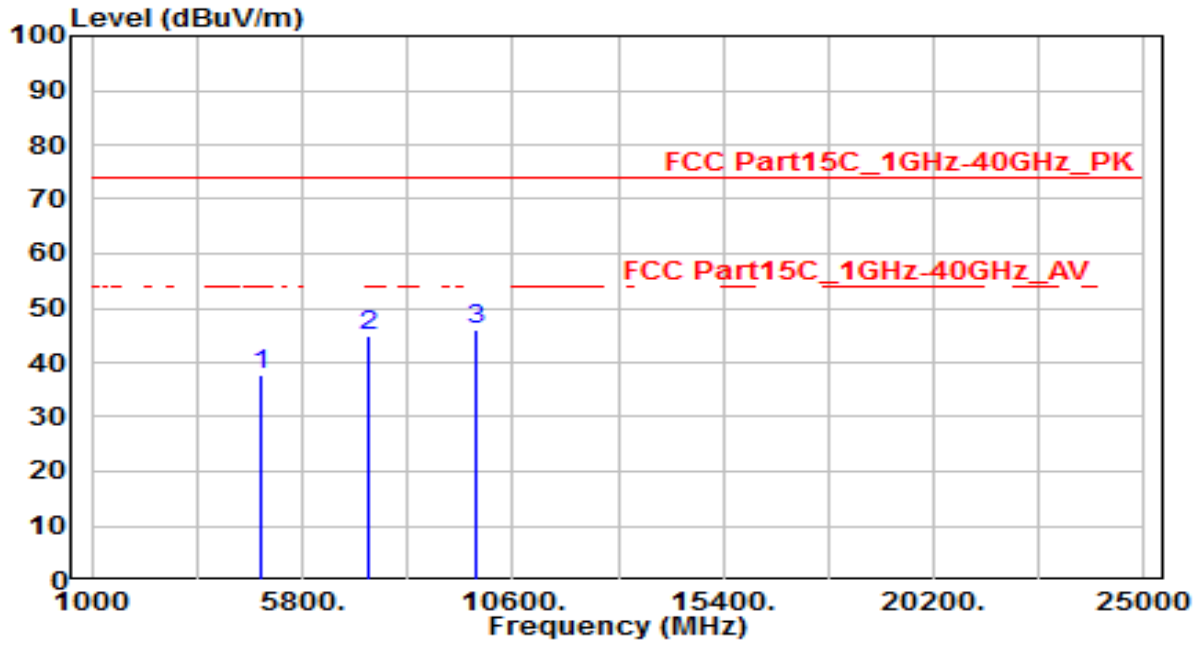


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	34.64	3.63	38.27	-35.73	74.00	150	360	Peak
2		7236.000	33.50	11.85	45.35	-28.65	74.00	150	360	Peak
3	*	9648.000	32.61	15.97	48.58	-25.42	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1+2+3	Test Voltage	By PoE

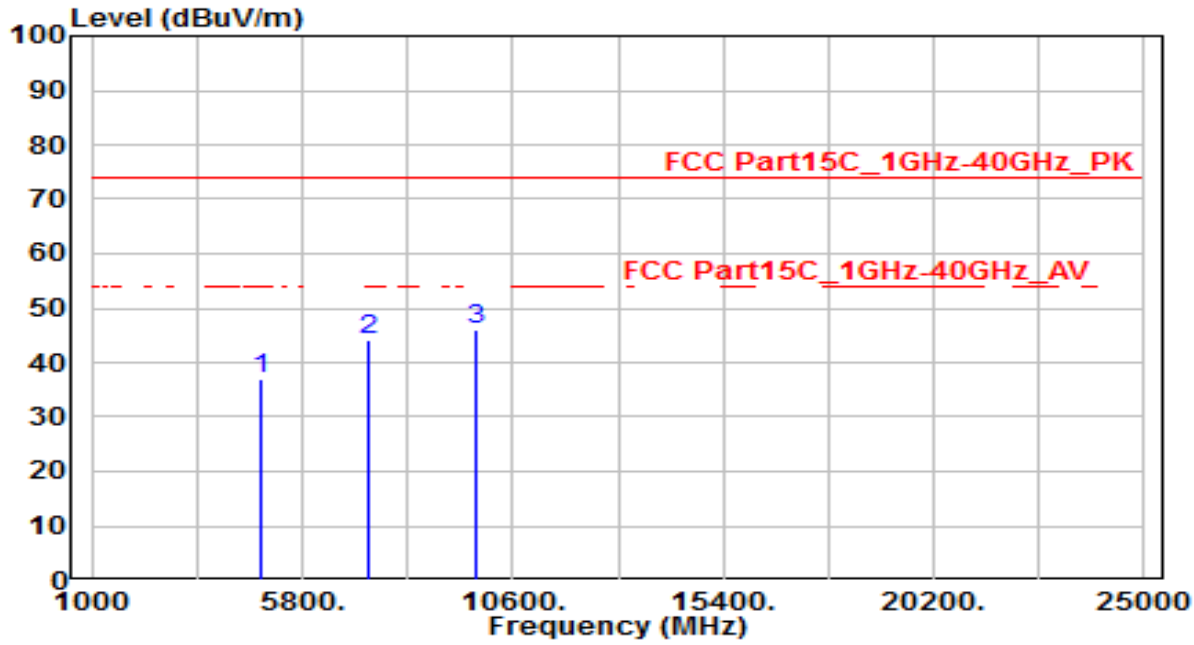


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	34.14	3.72	37.86	-36.14	74.00	100	360	Peak
2		7311.000	32.56	12.18	44.74	-29.26	74.00	100	360	Peak
3	*	9748.000	29.91	16.14	46.05	-27.95	74.00	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1+2+3	Test Voltage	By PoE

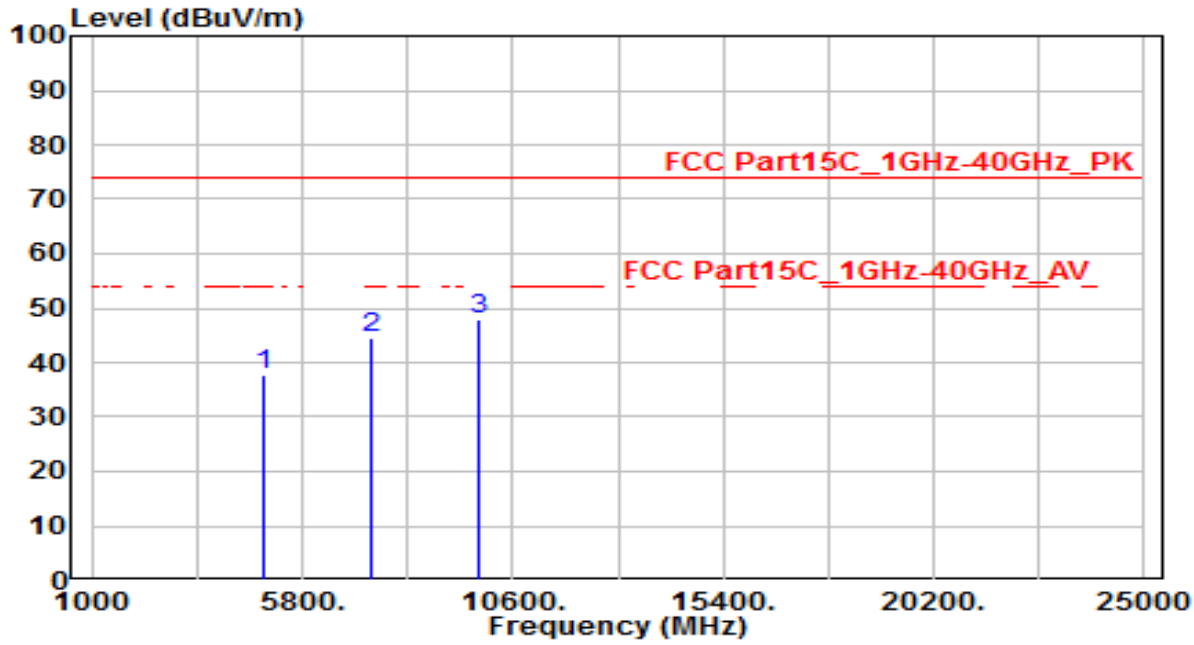


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	33.24	3.72	36.97	-37.03	74.00	150	360	Peak
2		7311.000	32.05	12.18	44.23	-29.77	74.00	150	360	Peak
3	*	9748.000	29.95	16.14	46.09	-27.91	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0+1+2+3	Test Voltage	By PoE

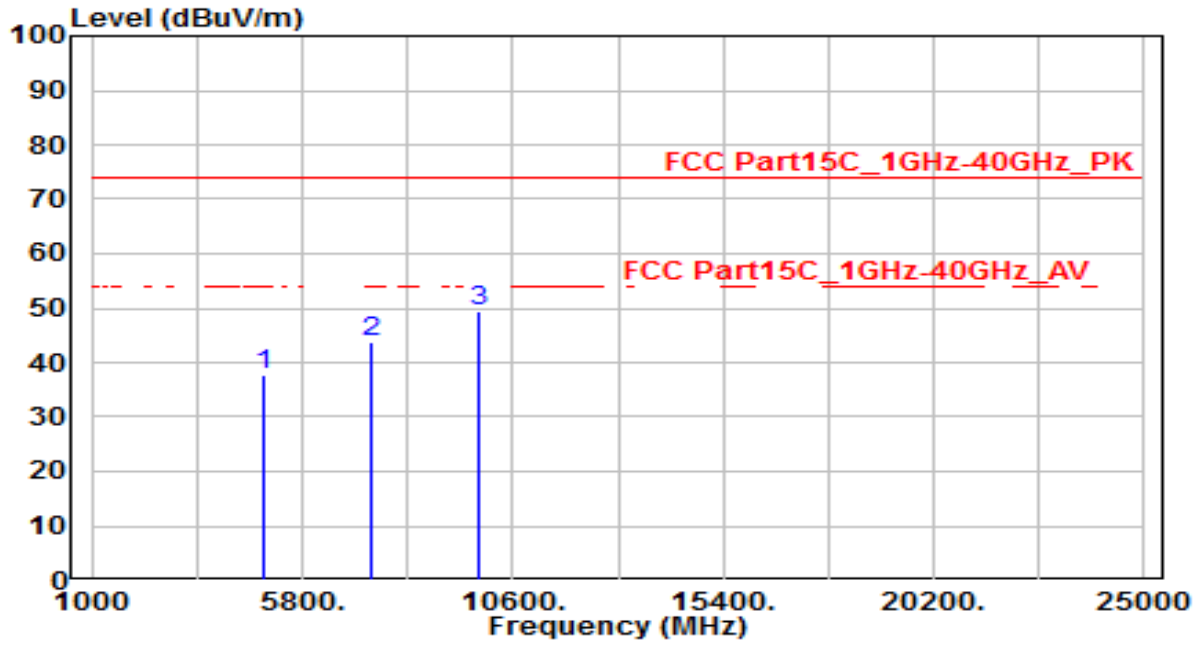


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	34.11	3.81	37.92	-36.08	74.00	150	360	Peak
2		7386.000	31.96	12.51	44.47	-29.53	74.00	150	360	Peak
3	*	9848.000	31.46	16.30	47.77	-26.23	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0+1+2+3	Test Voltage	By PoE

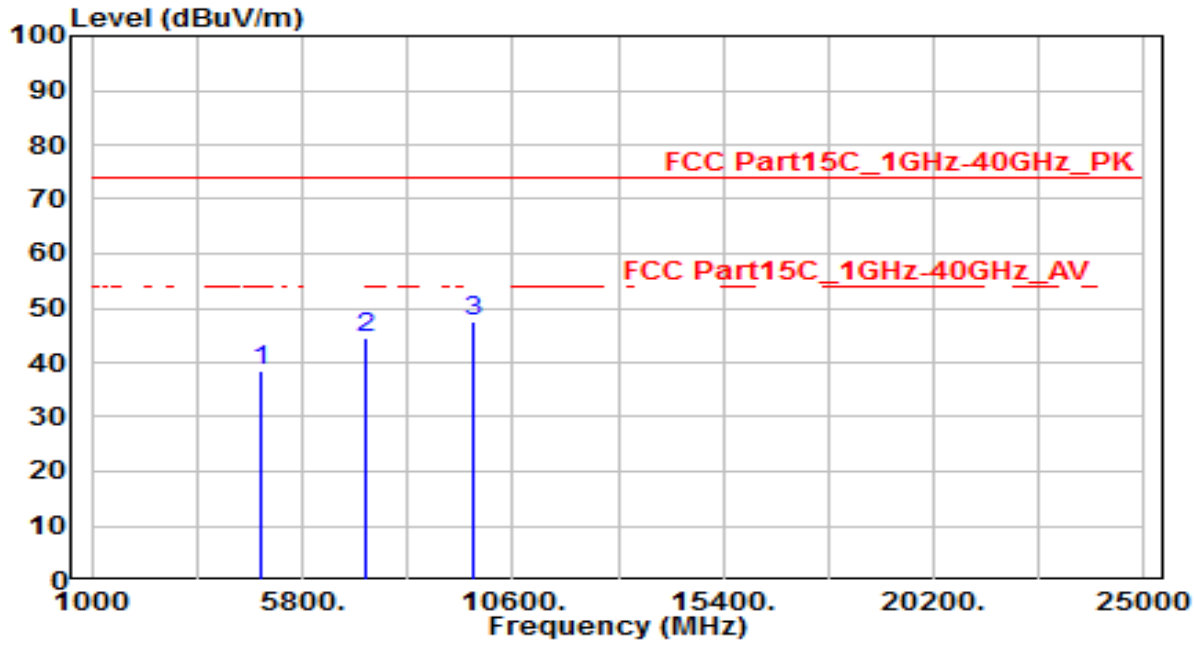


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	33.78	3.81	37.59	-36.41	74.00	150	360	Peak
2		7386.000	31.23	12.51	43.74	-30.26	74.00	150	360	Peak
3	*	9848.000	33.09	16.30	49.40	-24.60	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0+1+2+3	Test Voltage	By PoE

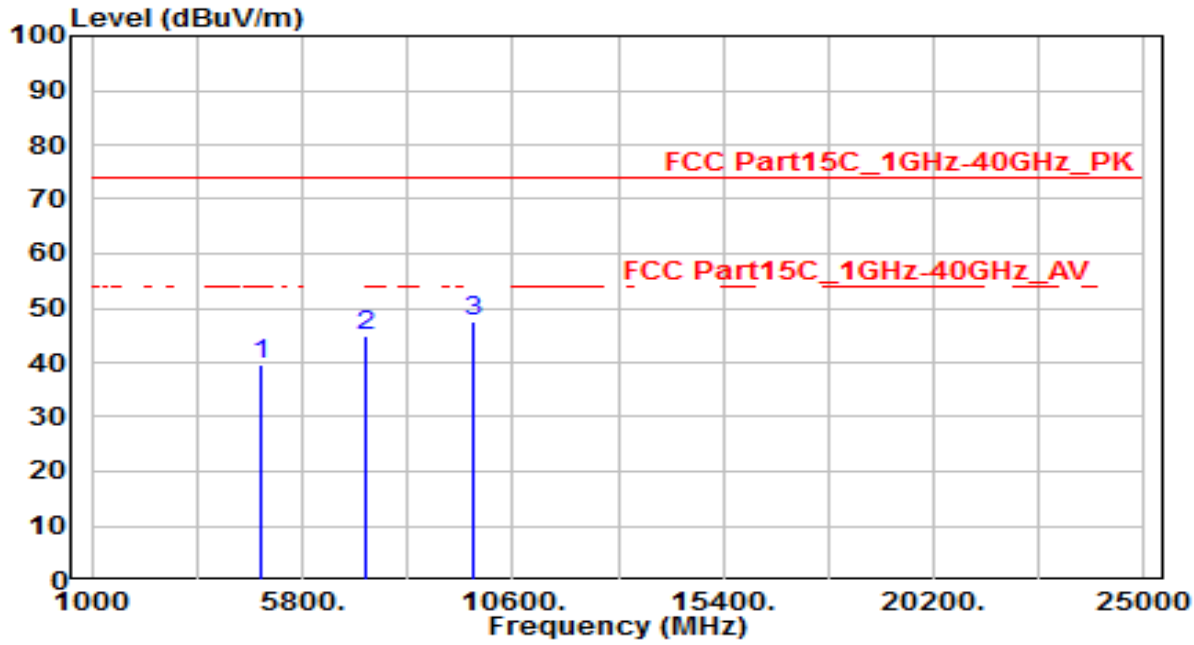


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4844.000	34.75	3.67	38.42	-35.58	74.00	150	360	Peak
2		7266.000	32.72	11.98	44.70	-29.30	74.00	150	360	Peak
3	*	9688.000	31.68	16.04	47.72	-26.28	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0+1+2+3	Test Voltage	By PoE

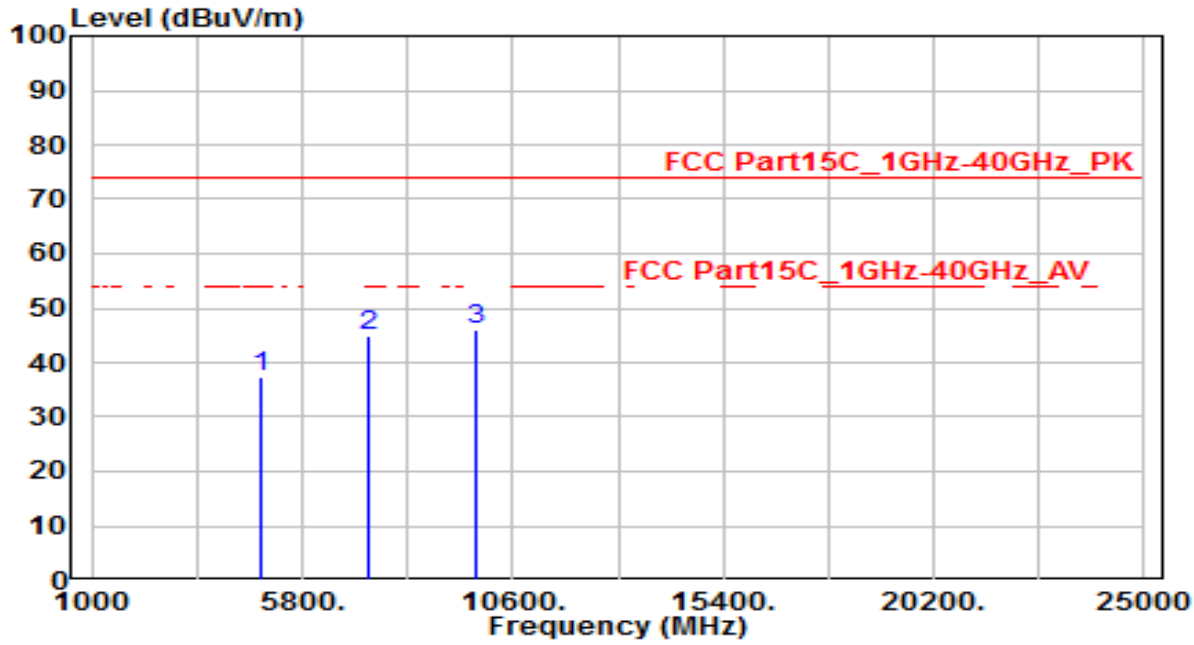


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4844.000	36.02	3.67	39.69	-34.31	74.00	150	360	Peak
2		7266.000	33.04	11.98	45.02	-28.98	74.00	150	360	Peak
3	*	9688.000	31.56	16.04	47.60	-26.40	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 6_ANT 0+1+2+3	Test Voltage	By PoE

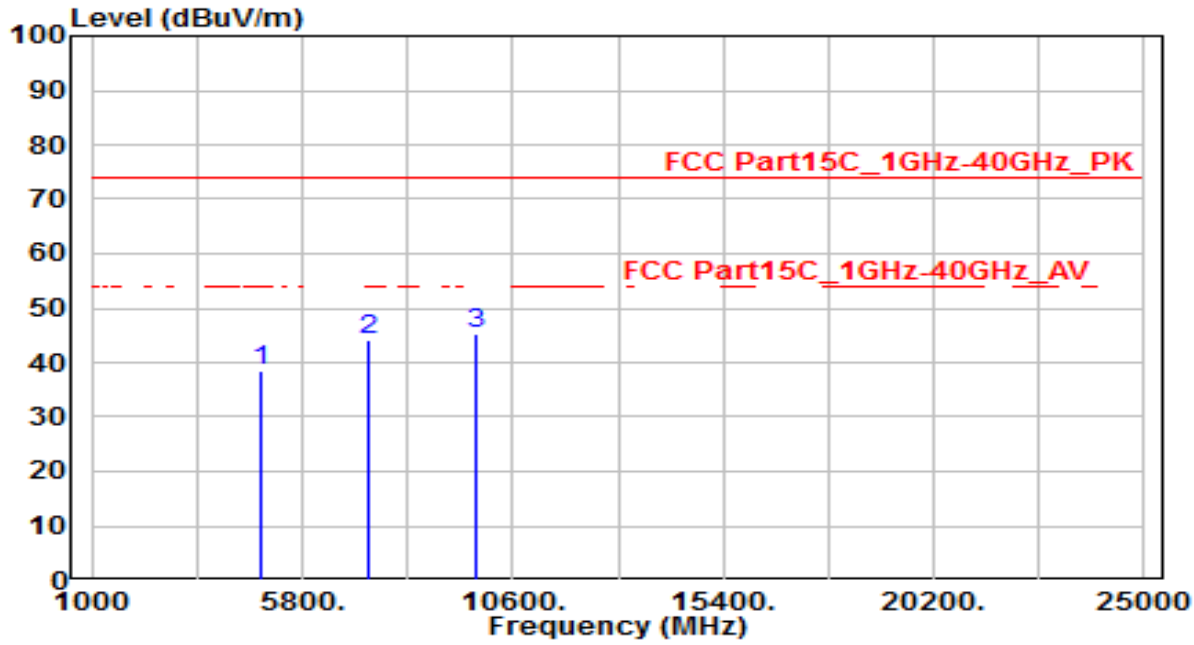


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	33.72	3.72	37.44	-36.56	74.00	150	360	Peak
2		7311.000	32.87	12.18	45.05	-28.95	74.00	150	360	Peak
3	*	9748.000	29.84	16.14	45.98	-28.02	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 6_ANT 0+1+2+3	Test Voltage	By PoE

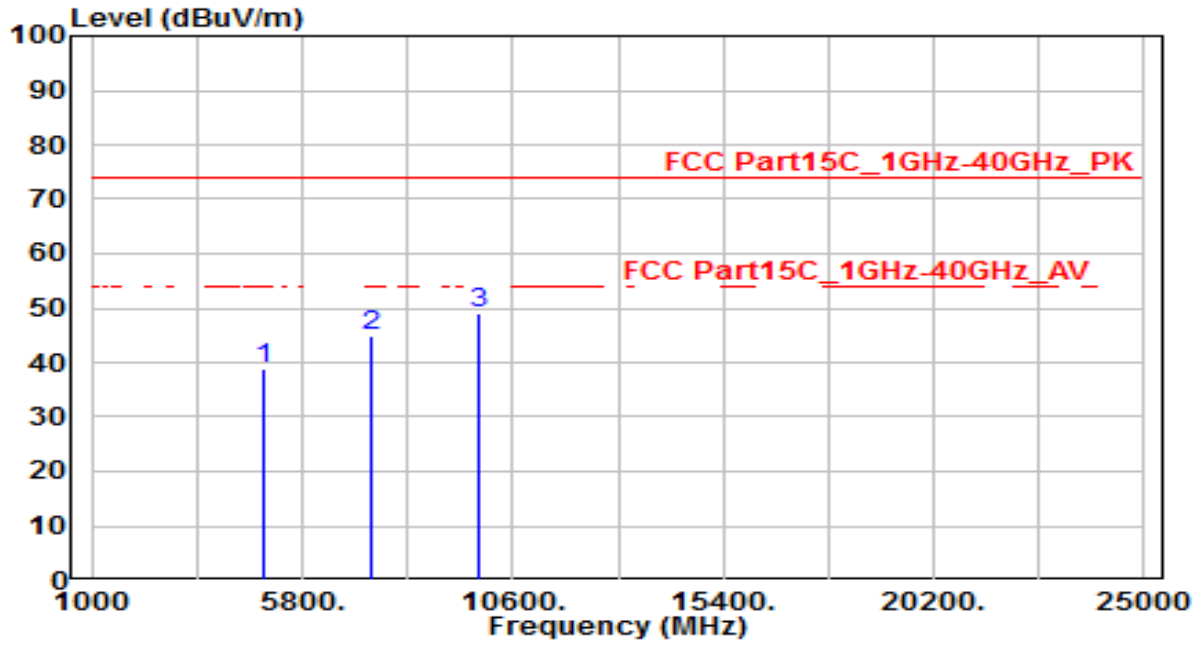


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	34.84	3.72	38.56	-35.44	74.00	150	360	Peak
2		7311.000	31.79	12.18	43.97	-30.03	74.00	150	360	Peak
3	*	9748.000	29.31	16.14	45.45	-28.55	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0+1+2+3	Test Voltage	By PoE

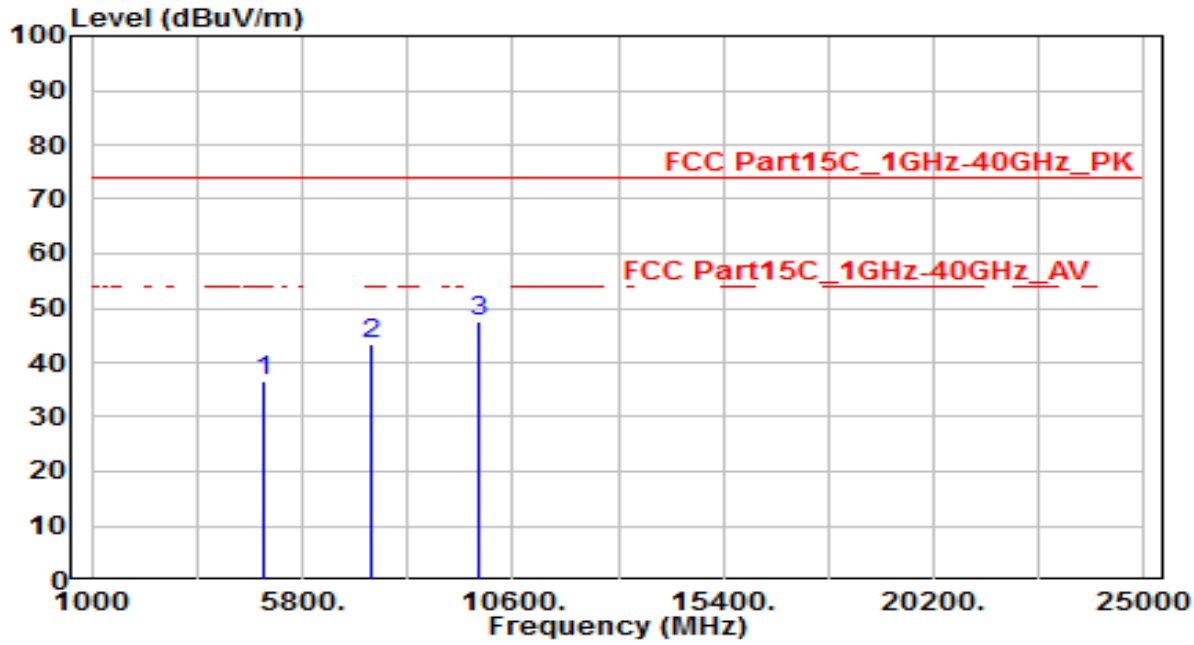


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4904.000	35.05	3.78	38.83	-35.17	74.00	150	360	Peak
2		7356.000	32.45	12.38	44.83	-29.17	74.00	150	360	Peak
3	*	9808.000	32.71	16.24	48.94	-25.06	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0+1+2+3	Test Voltage	By PoE

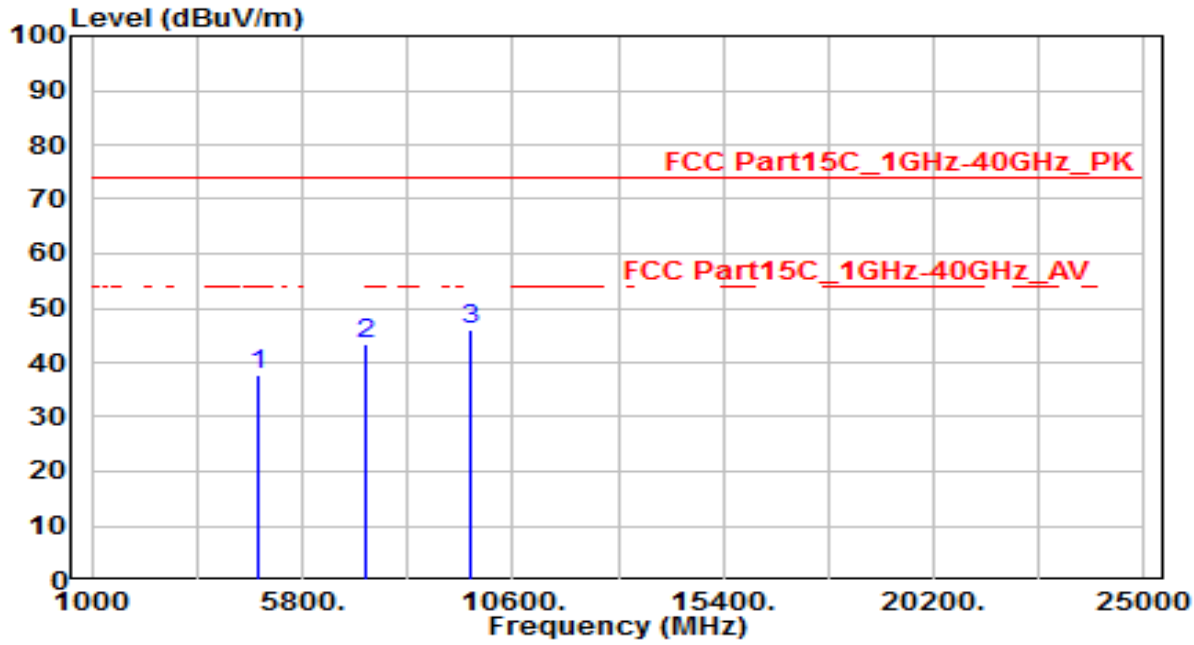


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4904.000	32.65	3.78	36.43	-37.57	74.00	150	360	Peak
2		7356.000	30.99	12.38	43.37	-30.63	74.00	150	360	Peak
3	*	9808.000	31.26	16.24	47.50	-26.50	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE

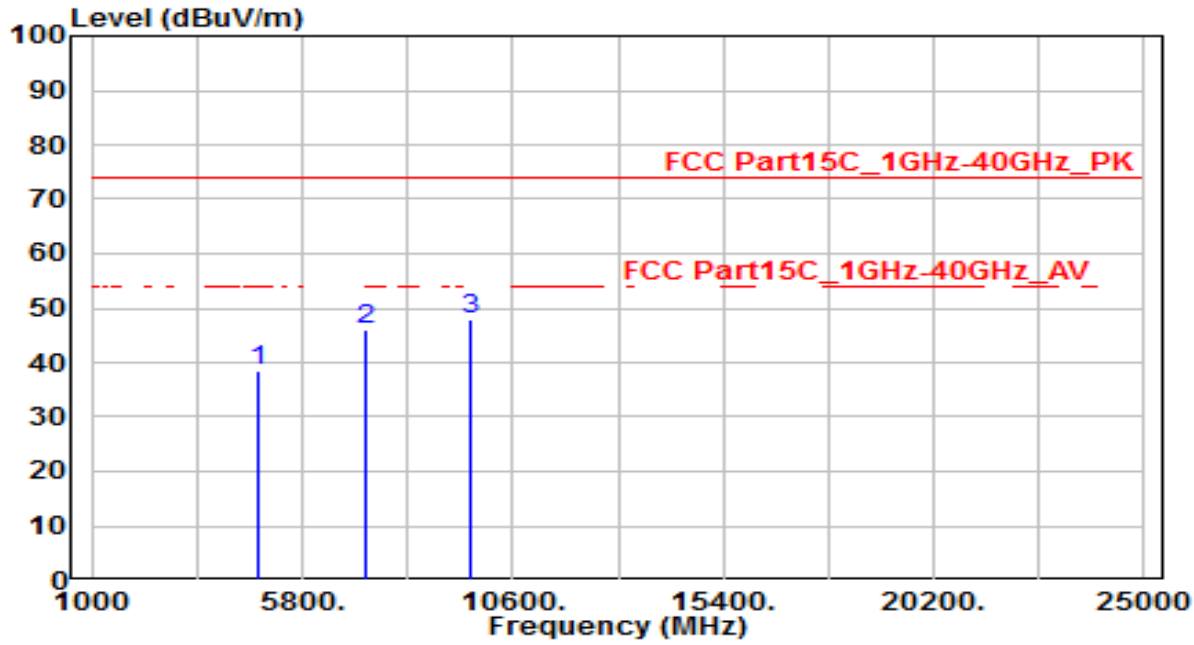


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	33.99	3.63	37.62	-36.38	74.00	150	360	Peak
2		7236.000	31.66	11.85	43.51	-30.49	74.00	150	360	Peak
3	*	9648.000	30.07	15.97	46.04	-27.96	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE

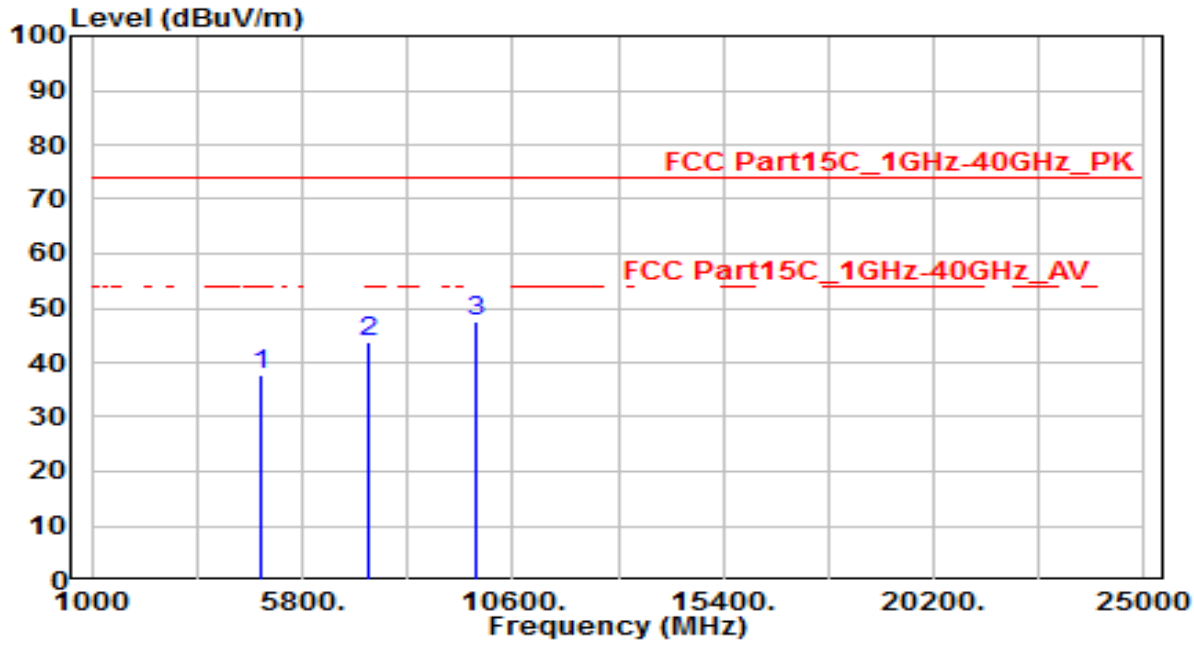


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	35.01	3.63	38.64	-35.36	74.00	150	360	Peak
2		7236.000	34.10	11.85	45.95	-28.05	74.00	150	360	Peak
3	*	9648.000	31.82	15.97	47.79	-26.21	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_CH 6_ANT 0+1+2+3	Test Voltage	By PoE

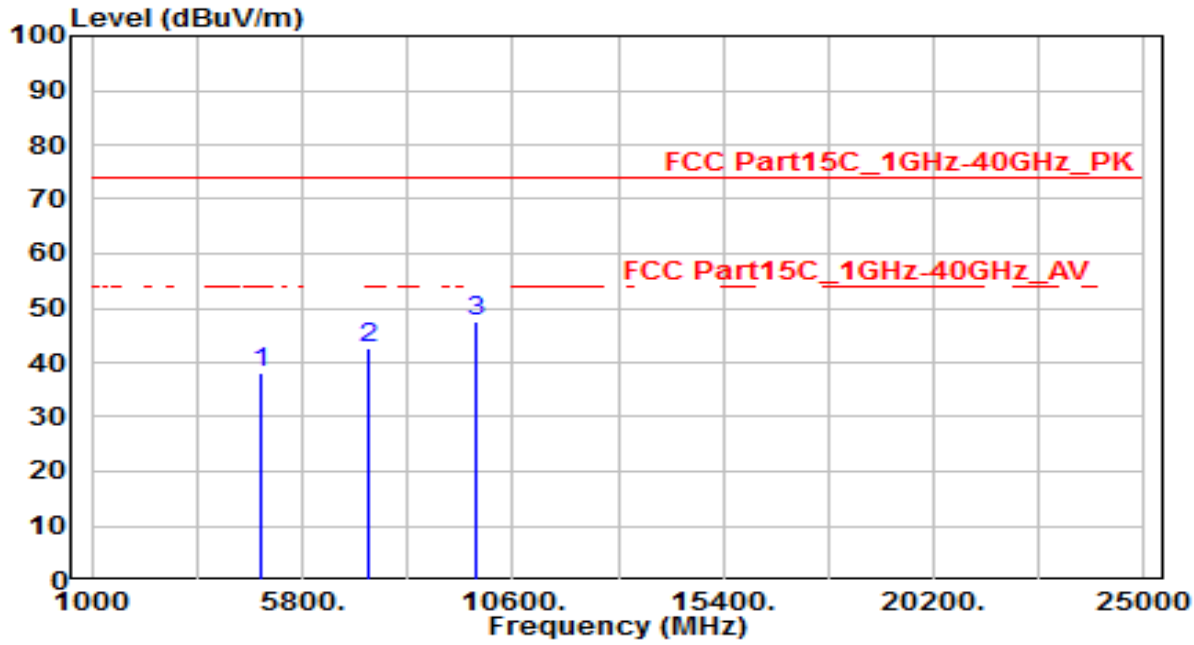


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	33.84	3.72	37.57	-36.43	74.00	150	360	Peak
2		7311.000	31.46	12.18	43.63	-30.37	74.00	150	360	Peak
3	*	9748.000	31.39	16.14	47.53	-26.47	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_CH 6_ANT 0+1+2+3	Test Voltage	By PoE

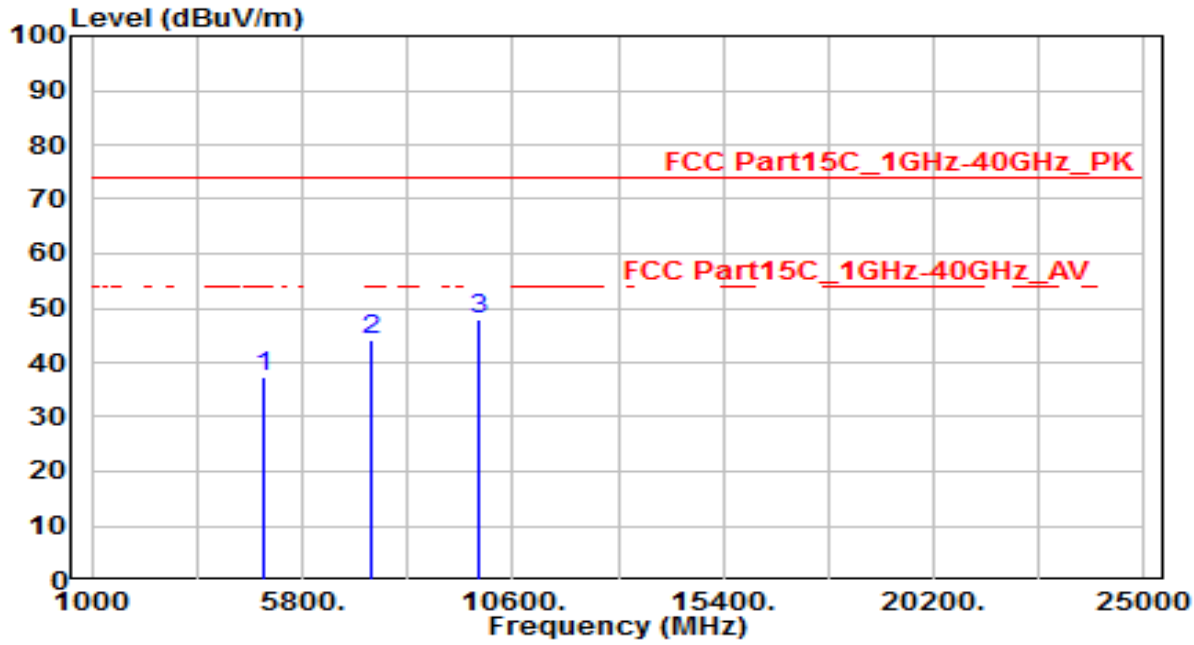


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	34.31	3.72	38.03	-35.97	74.00	150	360	Peak
2		7311.000	30.43	12.18	42.61	-31.39	74.00	150	360	Peak
3	*	9748.000	31.40	16.14	47.53	-26.47	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_CH 11_ANT 0+1+2+3	Test Voltage	By PoE

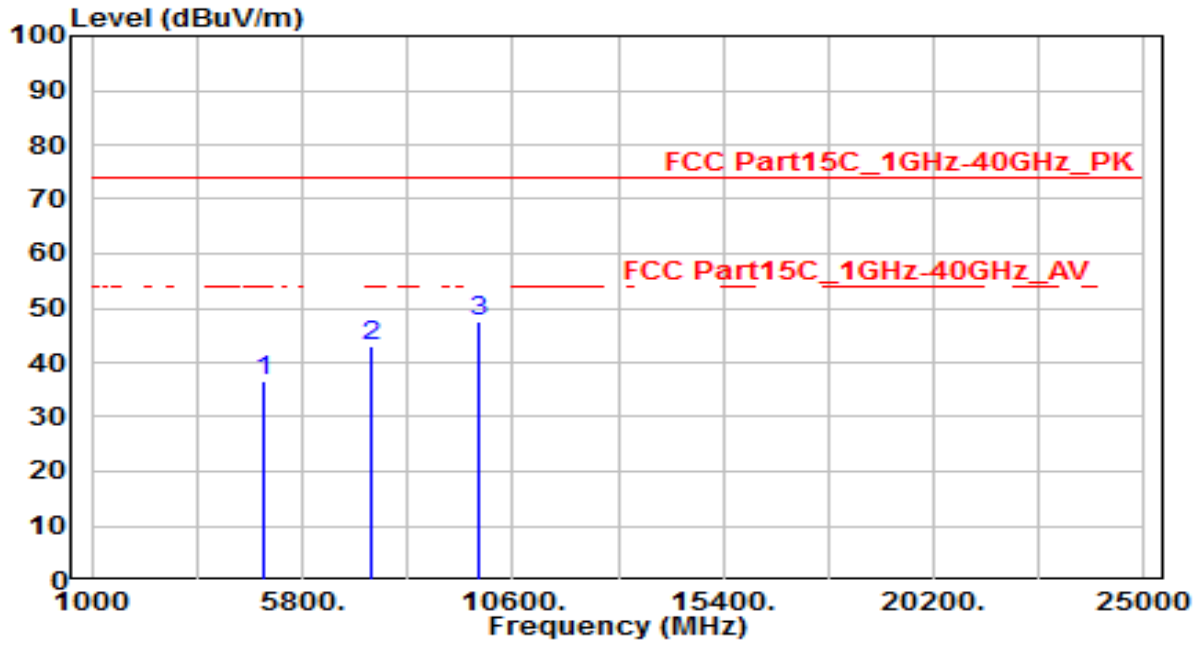


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	33.45	3.81	37.26	-36.74	74.00	150	360	Peak
2		7386.000	31.52	12.51	44.03	-29.97	74.00	150	360	Peak
3	*	9848.000	31.68	16.30	47.99	-26.01	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_CH 11_ANT 0+1+2+3	Test Voltage	By PoE

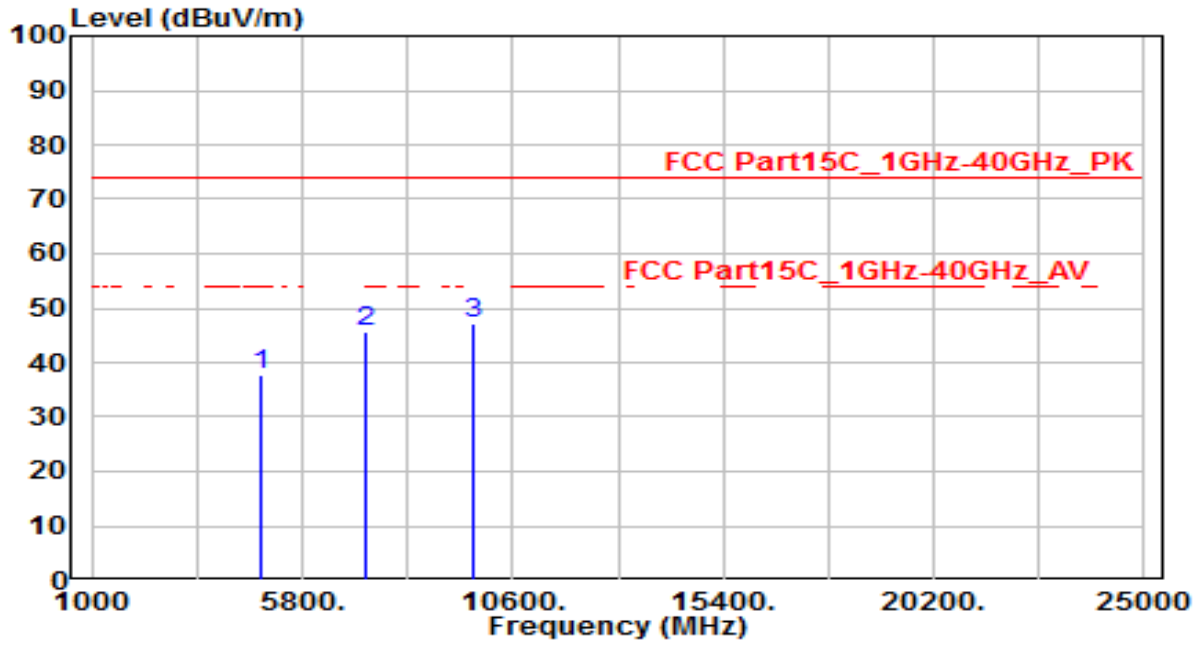


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	32.64	3.81	36.46	-37.54	74.00	150	360	Peak
2		7386.000	30.57	12.51	43.08	-30.92	74.00	150	360	Peak
3	*	9848.000	31.23	16.30	47.53	-26.47	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_CH 3_ANT 0+1+2+3	Test Voltage	By PoE

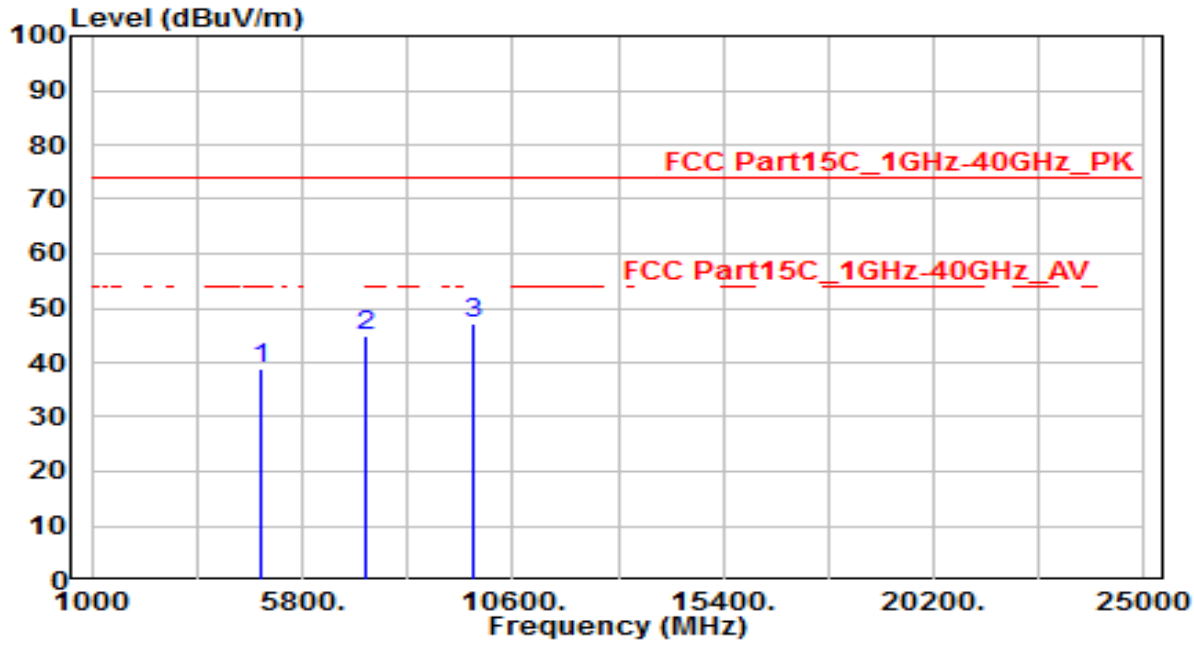


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4844.000	34.12	3.67	37.79	-36.21	74.00	150	360	Peak
2		7266.000	33.81	11.98	45.79	-28.21	74.00	150	360	Peak
3	*	9688.000	31.21	16.04	47.24	-26.76	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_CH 3_ANT 0+1+2+3	Test Voltage	By PoE

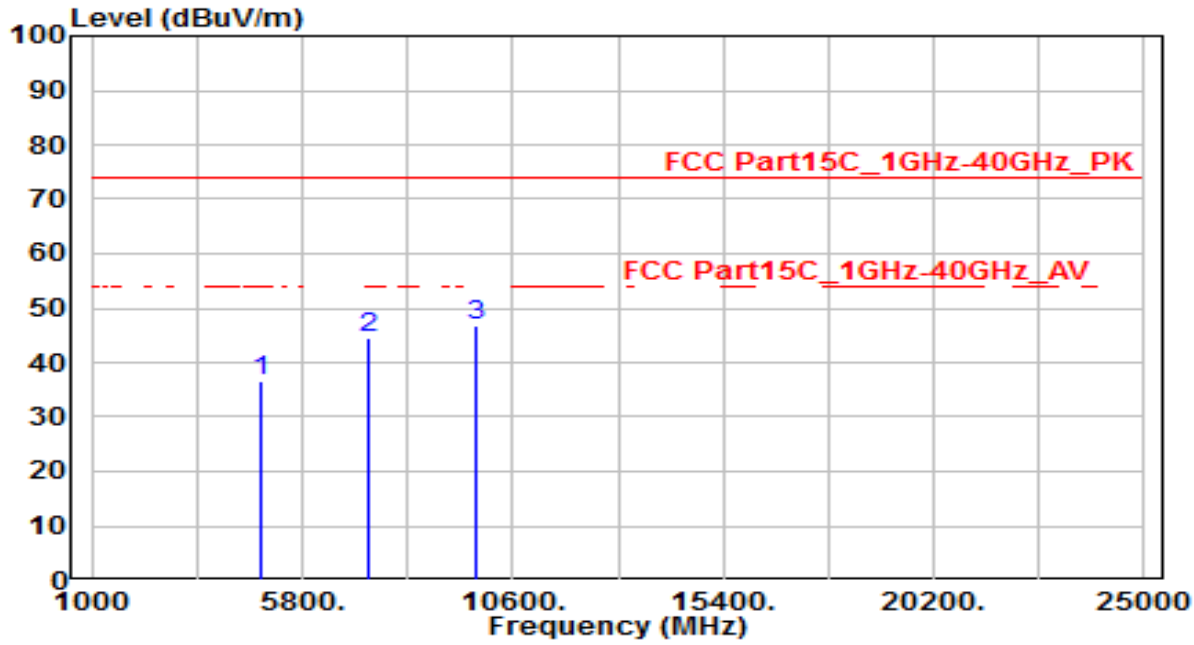


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4844.000	35.06	3.67	38.73	-35.27	74.00	150	360	Peak
2		7266.000	32.75	11.98	44.73	-29.27	74.00	150	360	Peak
3	*	9688.000	30.95	16.04	46.98	-27.02	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_CH 6_ANT 0+1+2+3	Test Voltage	By PoE

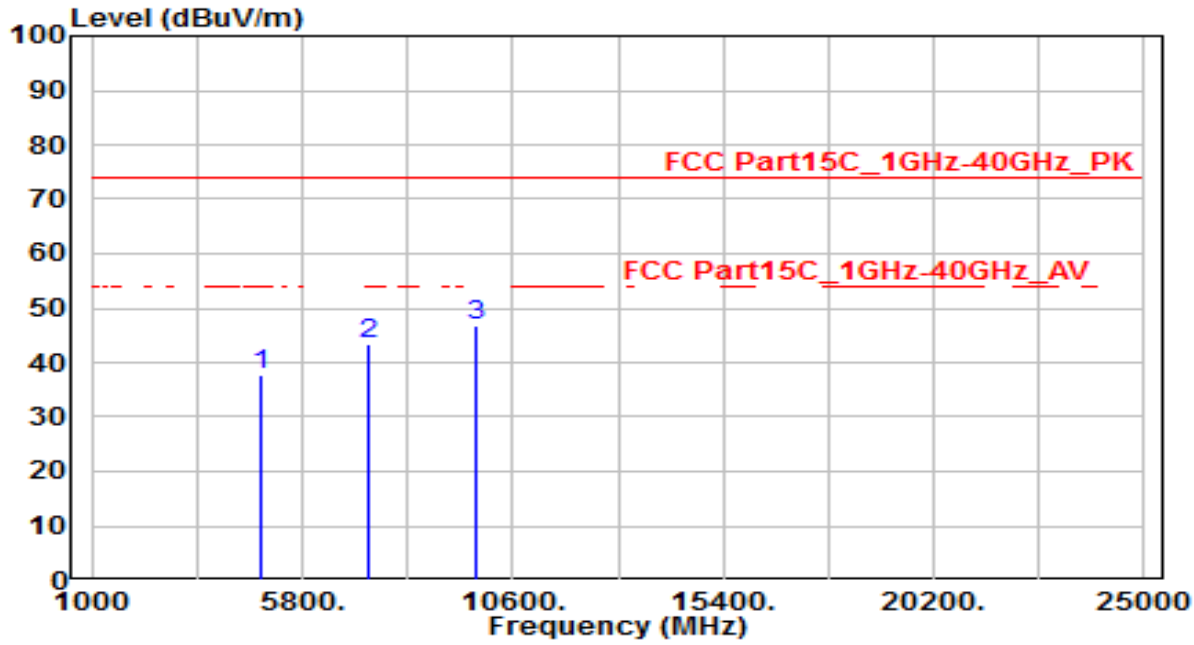


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	32.92	3.72	36.64	-37.36	74.00	150	360	Peak
2		7311.000	32.22	12.18	44.40	-29.60	74.00	150	360	Peak
3	*	9748.000	30.78	16.14	46.92	-27.08	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_CH 6_ANT 0+1+2+3	Test Voltage	By PoE

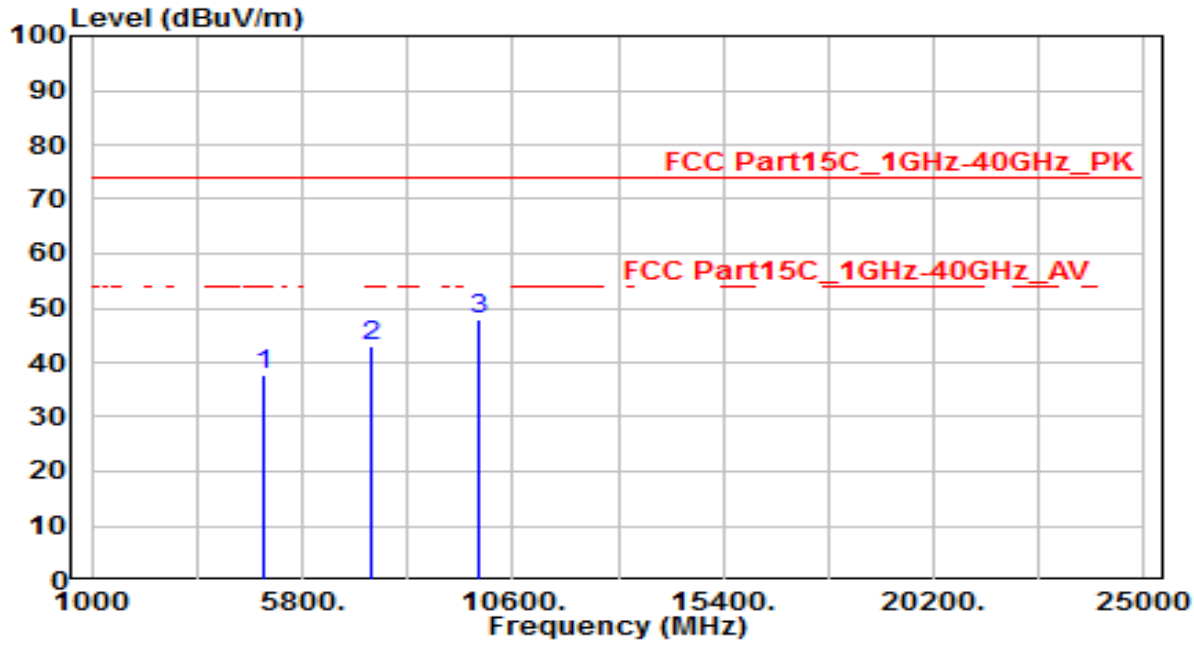


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	34.03	3.72	37.75	-36.25	74.00	150	360	Peak
2		7311.000	31.07	12.18	43.25	-30.75	74.00	150	360	Peak
3	*	9748.000	30.50	16.14	46.64	-27.36	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_CH 9_ANT 0+1+2+3	Test Voltage	By PoE

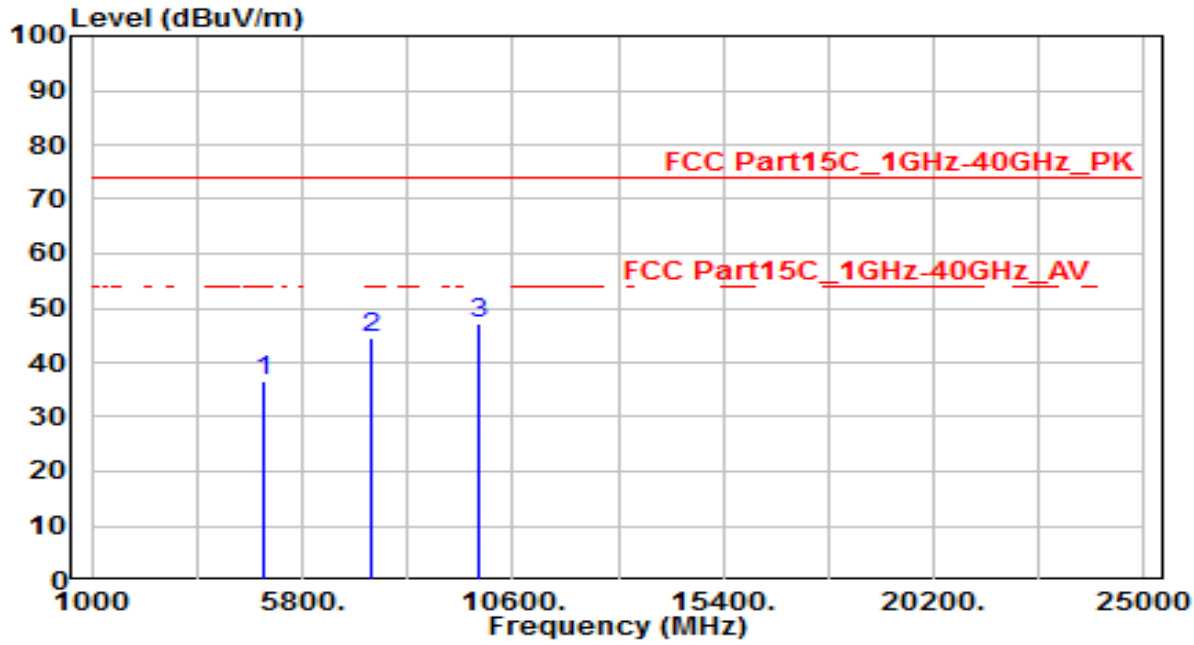


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4904.000	34.13	3.78	37.90	-36.10	74.00	150	360	Peak
2		7356.000	30.64	12.38	43.01	-30.99	74.00	150	360	Peak
3	*	9808.000	31.58	16.24	47.82	-26.18	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_CH 9_ANT 0+1+2+3	Test Voltage	By PoE

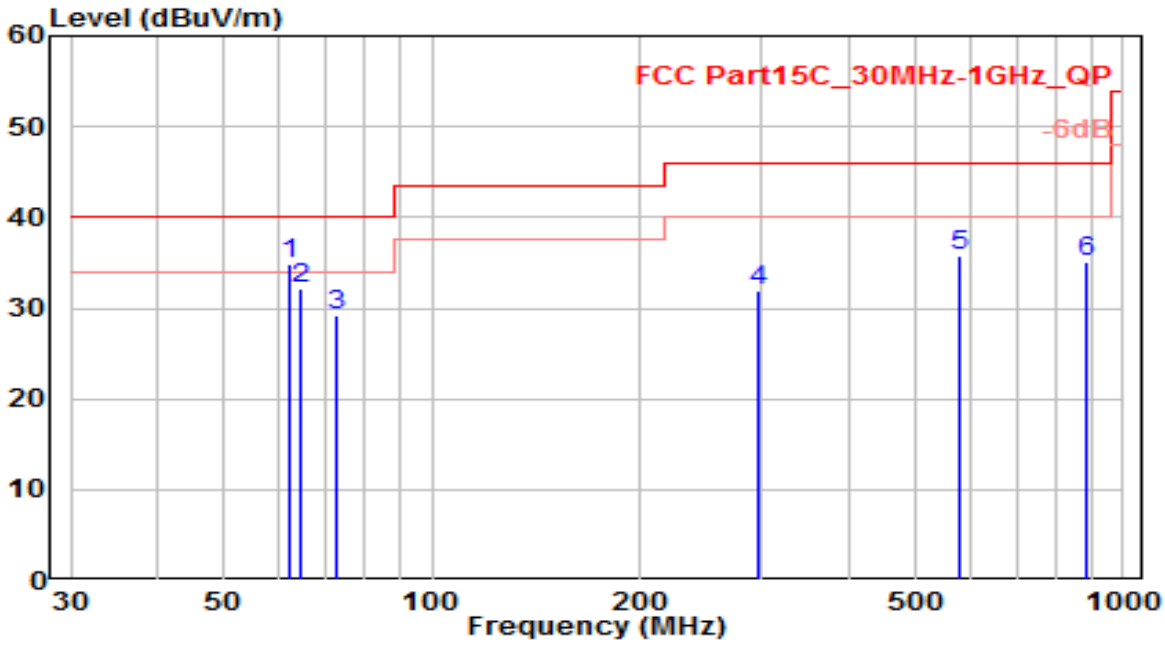


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4904.000	32.82	3.78	36.60	-37.40	74.00	150	360	Peak
2		7356.000	32.15	12.38	44.52	-29.48	74.00	150	360	Peak
3	*	9808.000	30.96	16.24	47.20	-26.80	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-14
Factor	VULB 9162	Temp. / Humidity	25°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Hance
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0	Test Voltage	By PoE

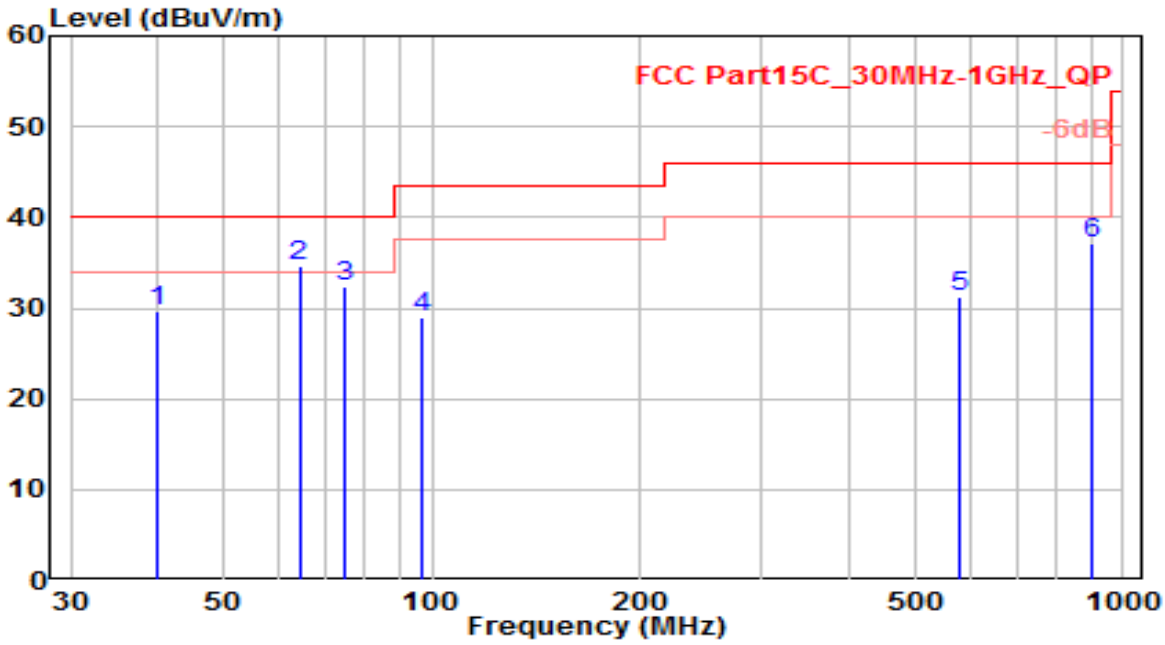


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	62.460	15.38	19.41	34.79	-5.21	40.00	110	80	QP
2		64.530	13.46	18.74	32.20	-7.80	40.00	130	120	QP
3		72.790	13.06	16.24	29.30	-10.70	40.00	100	90	QP
4		295.850	10.46	21.40	31.86	-14.14	46.00	100	180	QP
5		577.350	8.43	27.35	35.78	-10.22	46.00	110	250	QP
6		886.460	3.49	31.69	35.18	-10.82	46.00	100	120	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-14
Factor	VULB 9162	Temp. / Humidity	25°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Hance
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0	Test Voltage	By PoE

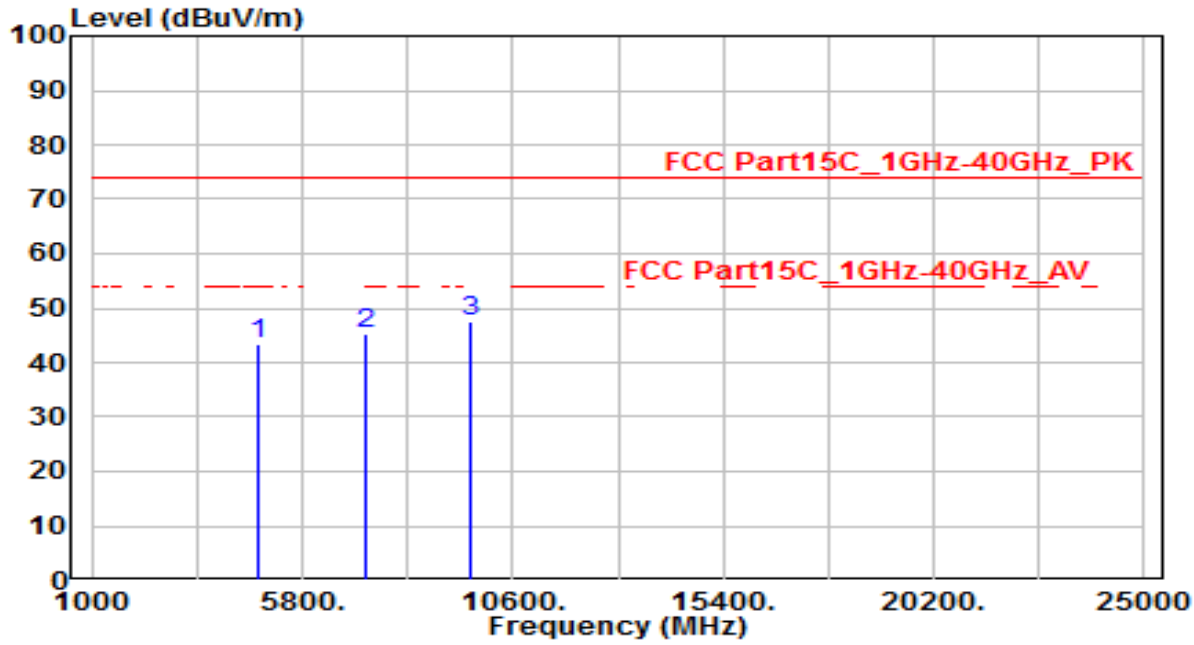


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		40.130	8.56	21.08	29.64	-10.36	40.00	100	80	QP
2	*	64.250	15.90	18.83	34.73	-5.27	40.00	100	220	QP
3		74.990	16.79	15.66	32.45	-7.55	40.00	100	120	QP
4		96.630	10.46	18.41	28.87	-14.63	43.50	110	130	QP
5		579.610	3.84	27.40	31.24	-14.76	46.00	100	250	QP
6		898.640	5.43	31.76	37.19	-8.81	46.00	100	120	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11b_TX_CH 1_SCAN ANT 0	Test Voltage	By PoE

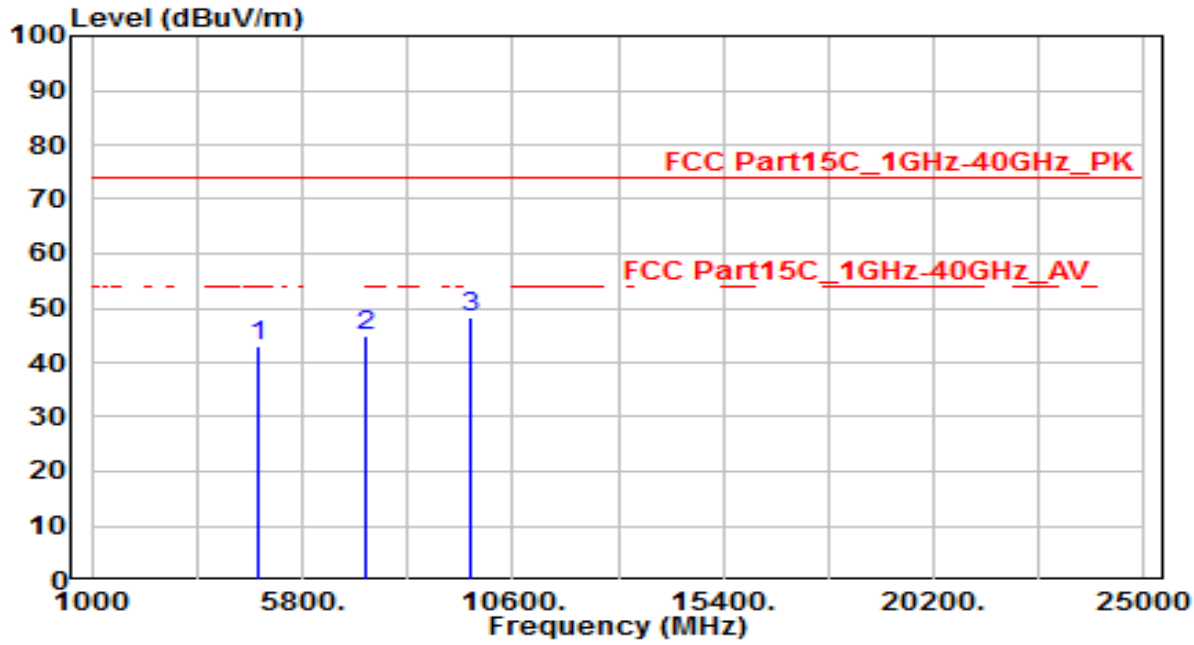


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	39.87	3.63	43.50	-30.50	74.00	150	0	Peak
2		7236.000	33.33	11.85	45.17	-28.83	74.00	150	0	Peak
3	*	9648.000	31.62	15.97	47.59	-26.41	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11b_TX_CH 1_SCAN ANT 0	Test Voltage	By PoE

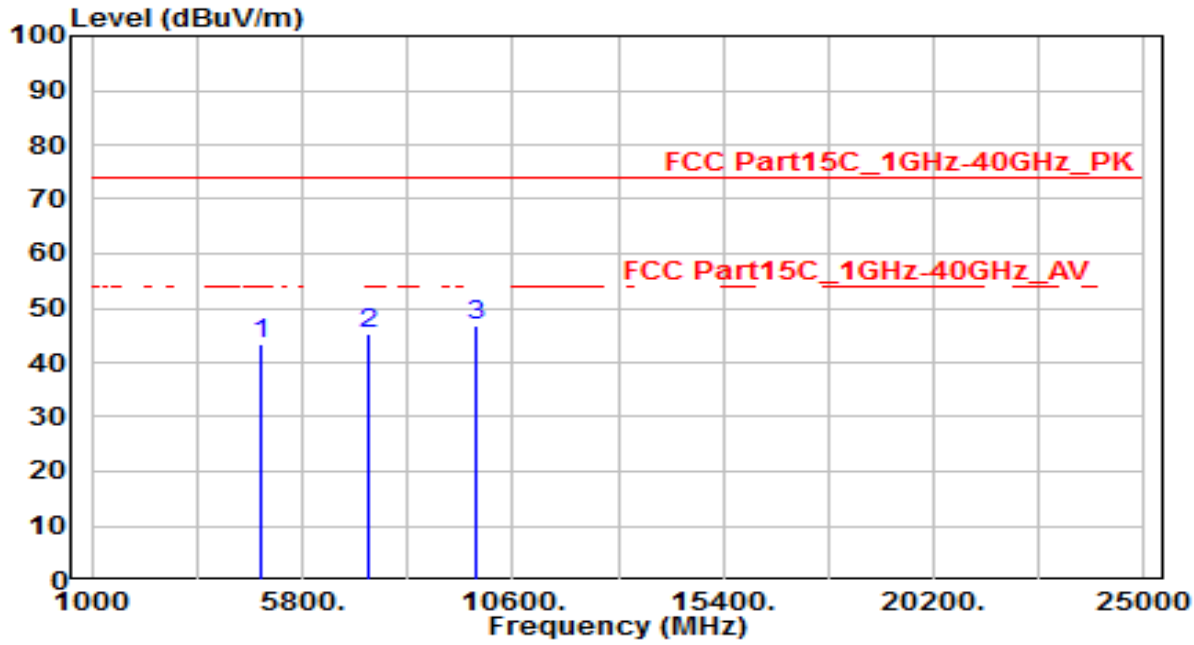


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	39.25	3.63	42.89	-31.11	74.00	150	0	Peak
2		7236.000	32.89	11.85	44.73	-29.27	74.00	150	0	Peak
3	*	9648.000	32.40	15.97	48.37	-25.63	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11b_TX_CH 6_SCAN ANT 0	Test Voltage	By PoE

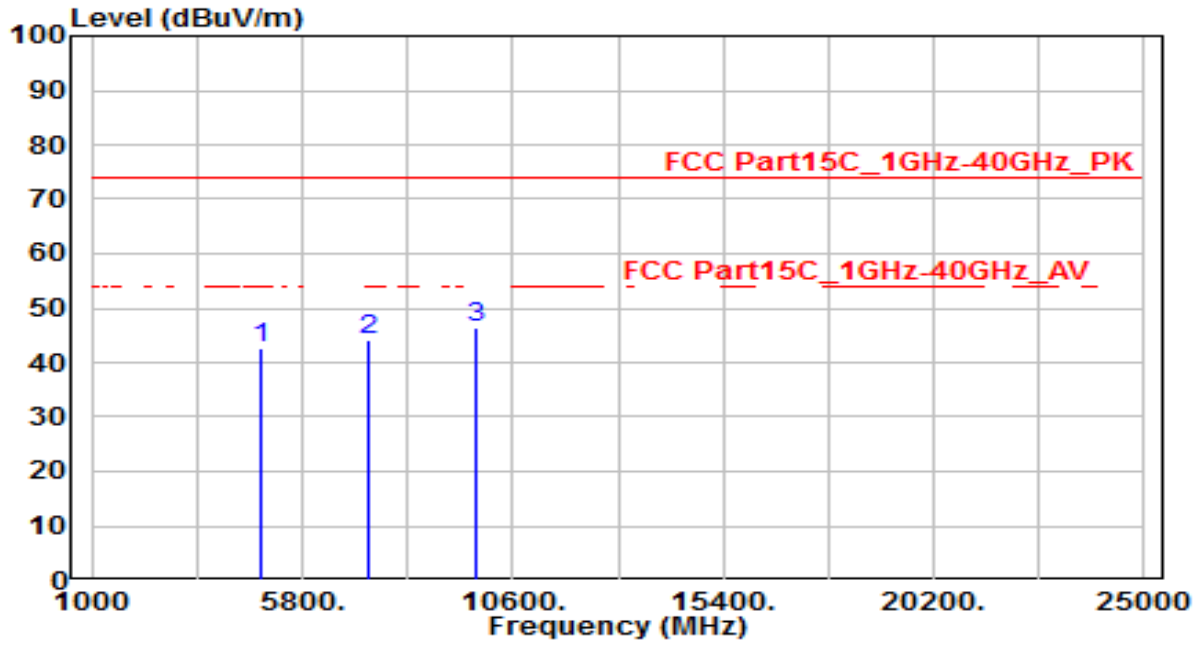


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	39.58	3.72	43.31	-30.69	74.00	150	0	Peak
2		7311.000	33.09	12.18	45.26	-28.74	74.00	150	0	Peak
3	*	9748.000	30.77	16.14	46.91	-27.09	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11b_TX_CH 6_SCAN ANT 0	Test Voltage	By PoE

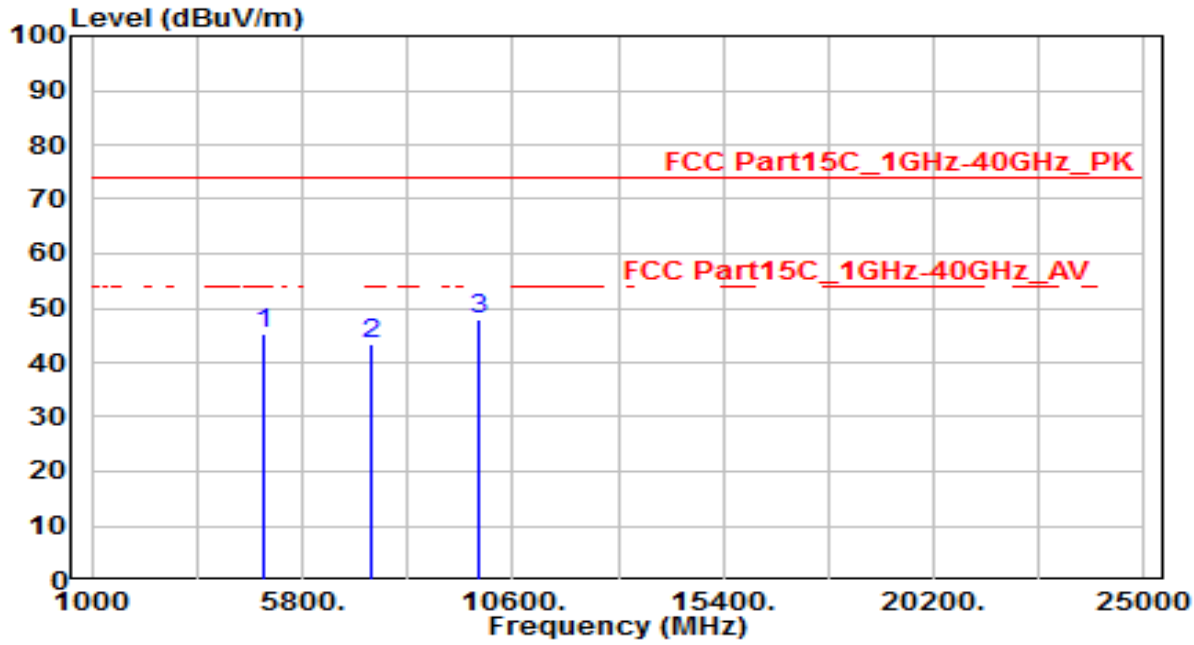


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	38.96	3.72	42.69	-31.31	74.00	150	0	Peak
2		7311.000	32.07	12.18	44.25	-29.75	74.00	150	0	Peak
3	*	9748.000	30.32	16.14	46.46	-27.54	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11b_TX_CH 11_SCAN ANT 0	Test Voltage	By PoE

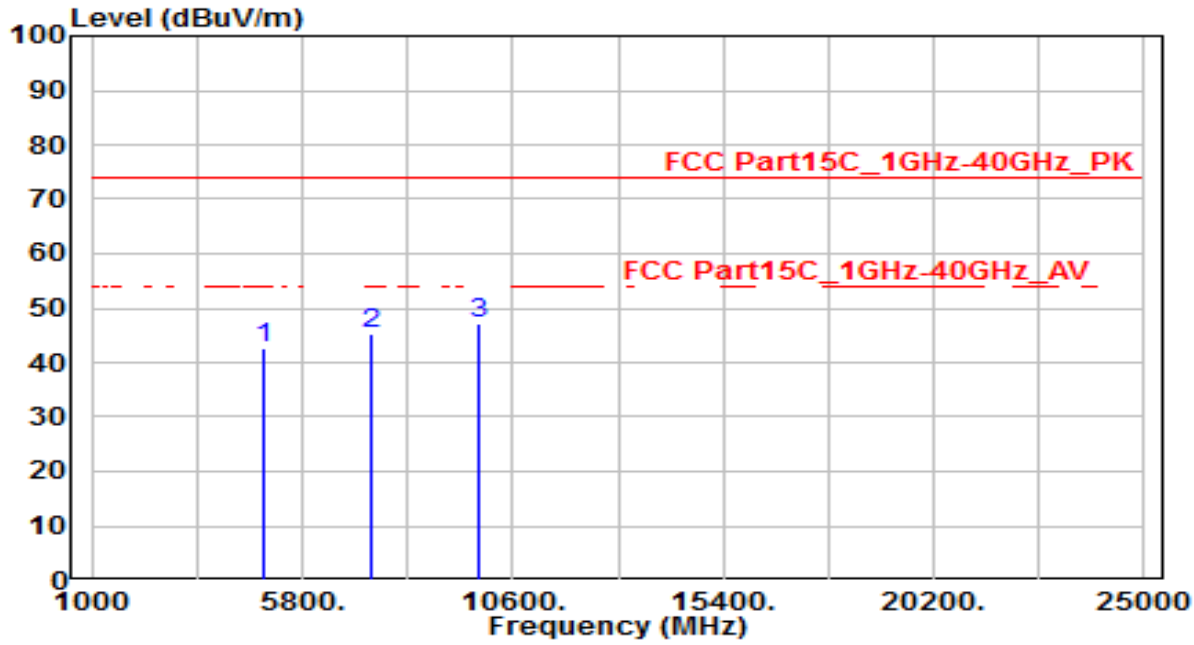


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	41.43	3.81	45.24	-28.76	74.00	150	0	Peak
2		7386.000	30.96	12.51	43.47	-30.53	74.00	150	0	Peak
3	*	9848.000	31.66	16.30	47.97	-26.03	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11b_TX_CH 11_SCAN ANT 0	Test Voltage	By PoE

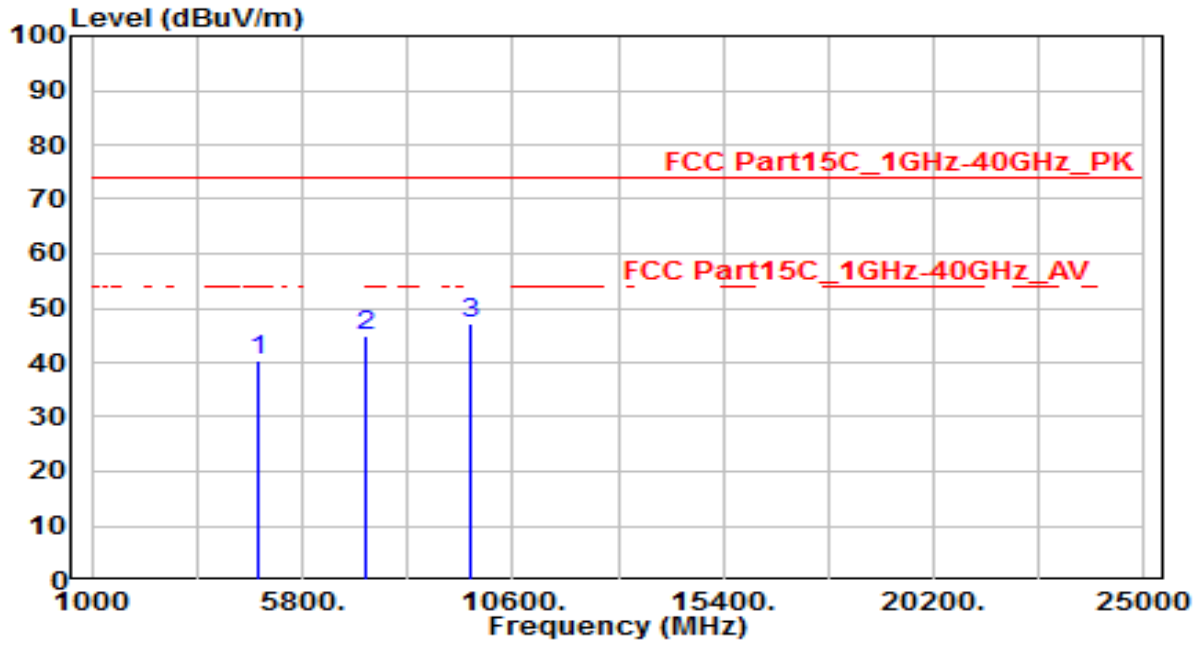


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	38.81	3.81	42.63	-31.37	74.00	150	0	Peak
2		7386.000	32.80	12.51	45.31	-28.69	74.00	150	0	Peak
3	*	9848.000	30.99	16.30	47.29	-26.71	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11g_TX_CH 1_SCAN ANT 0	Test Voltage	By PoE

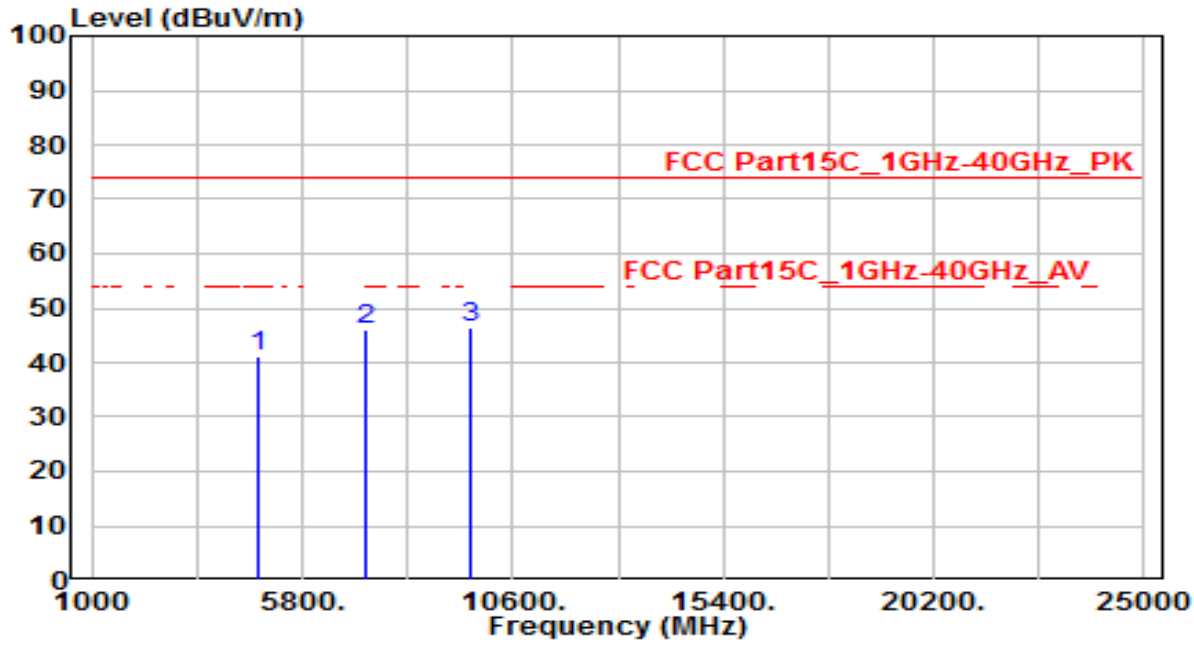


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	36.58	3.63	40.21	-33.79	74.00	150	0	Peak
2		7236.000	33.01	11.85	44.86	-29.14	74.00	150	0	Peak
3	*	9648.000	31.25	15.97	47.22	-26.78	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11g_TX_CH 1_SCAN ANT 0	Test Voltage	By PoE

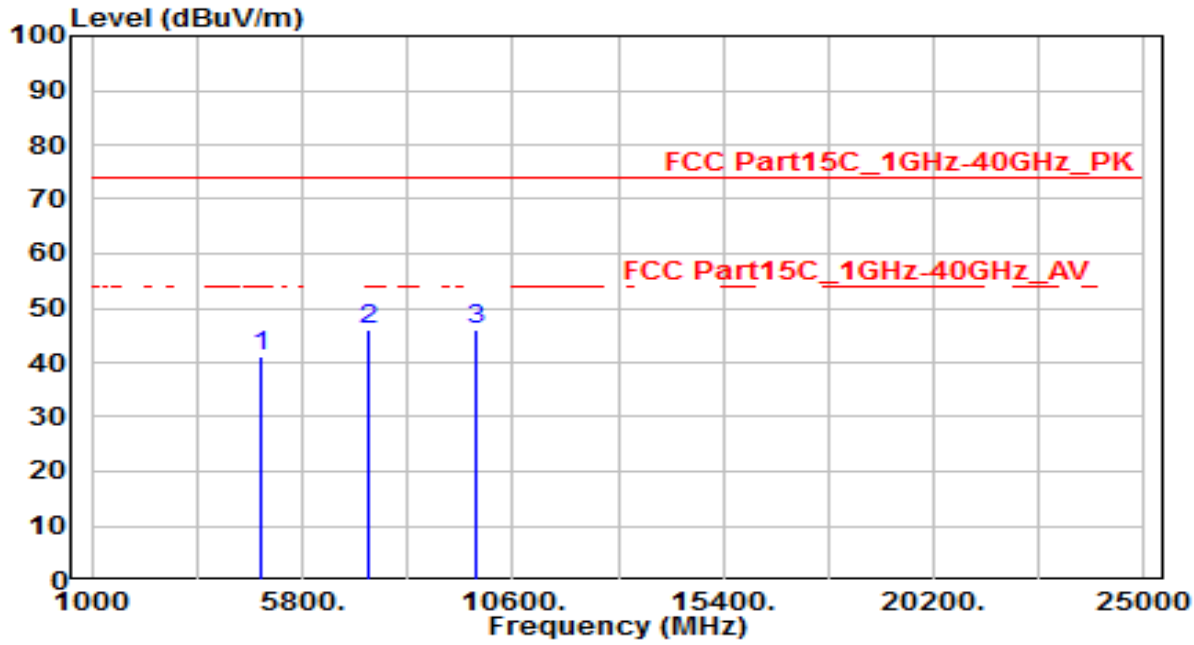


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	37.34	3.63	40.97	-33.03	74.00	150	0	Peak
2		7236.000	34.12	11.85	45.96	-28.04	74.00	150	0	Peak
3	*	9648.000	30.60	15.97	46.57	-27.43	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11g_TX_CH 6_SCAN ANT 0	Test Voltage	By PoE

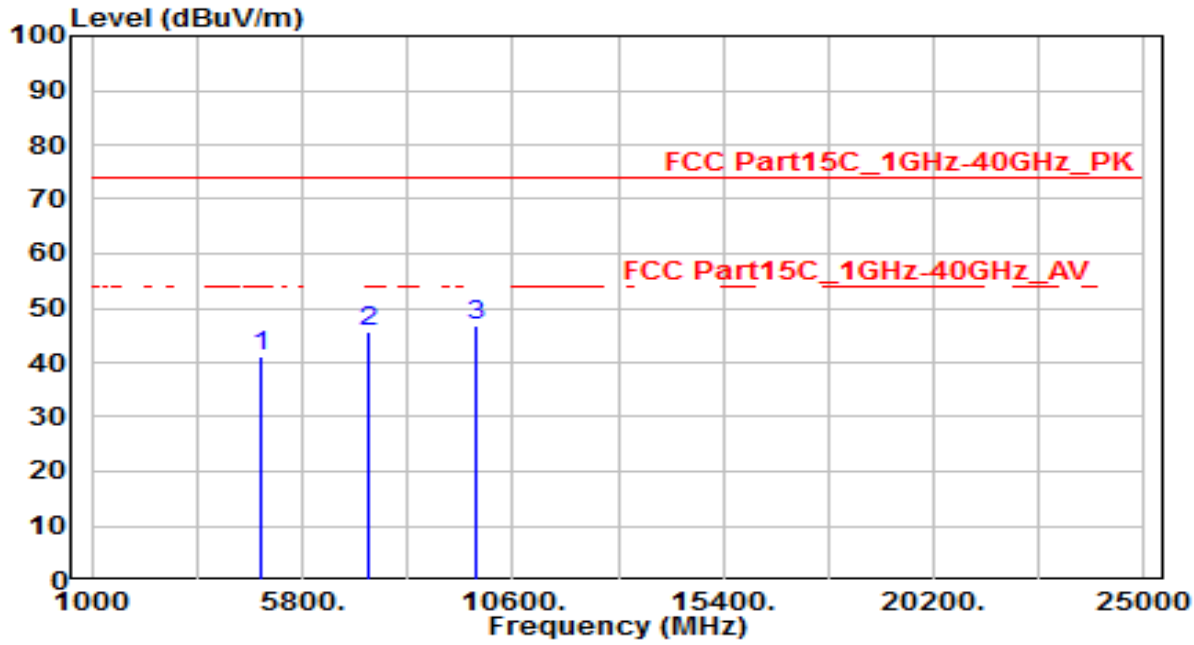


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	37.29	3.72	41.01	-32.99	74.00	150	0	Peak
2		7311.000	33.83	12.18	46.01	-27.99	74.00	150	0	Peak
3	*	9748.000	30.08	16.14	46.21	-27.79	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11g_TX_CH 6_SCAN ANT 0	Test Voltage	By PoE

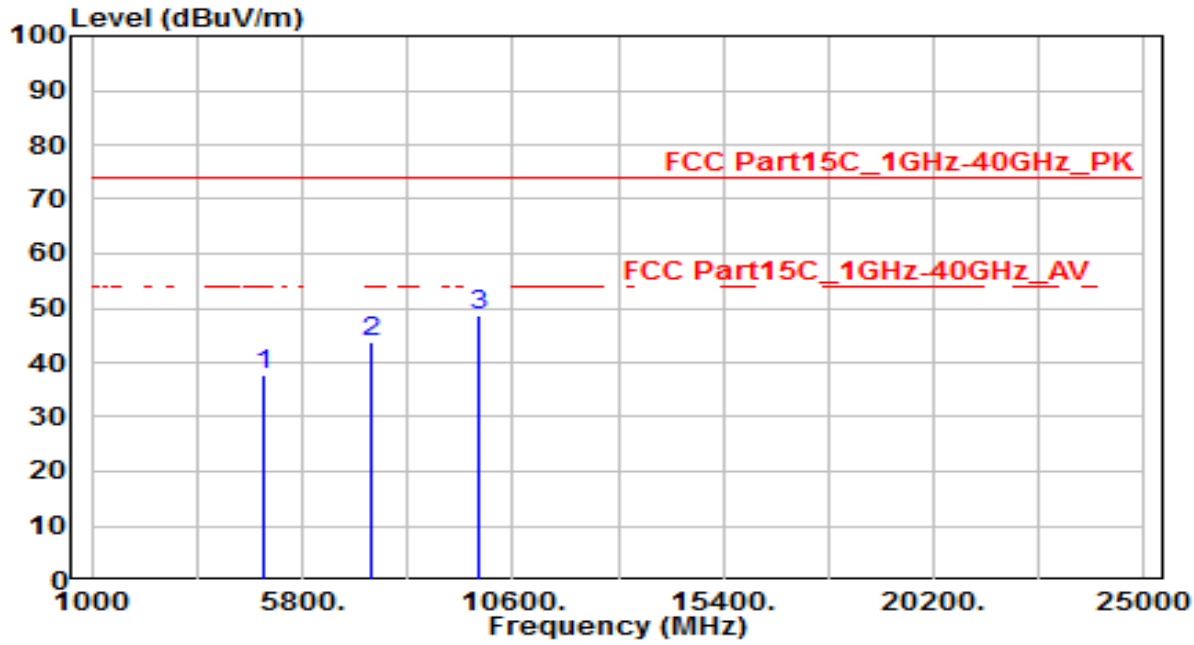


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	37.22	3.72	40.95	-33.05	74.00	150	0	Peak
2		7311.000	33.41	12.18	45.59	-28.41	74.00	150	0	Peak
3	*	9748.000	30.78	16.14	46.92	-27.08	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11g_TX_CH 11_SCAN ANT 0	Test Voltage	By PoE

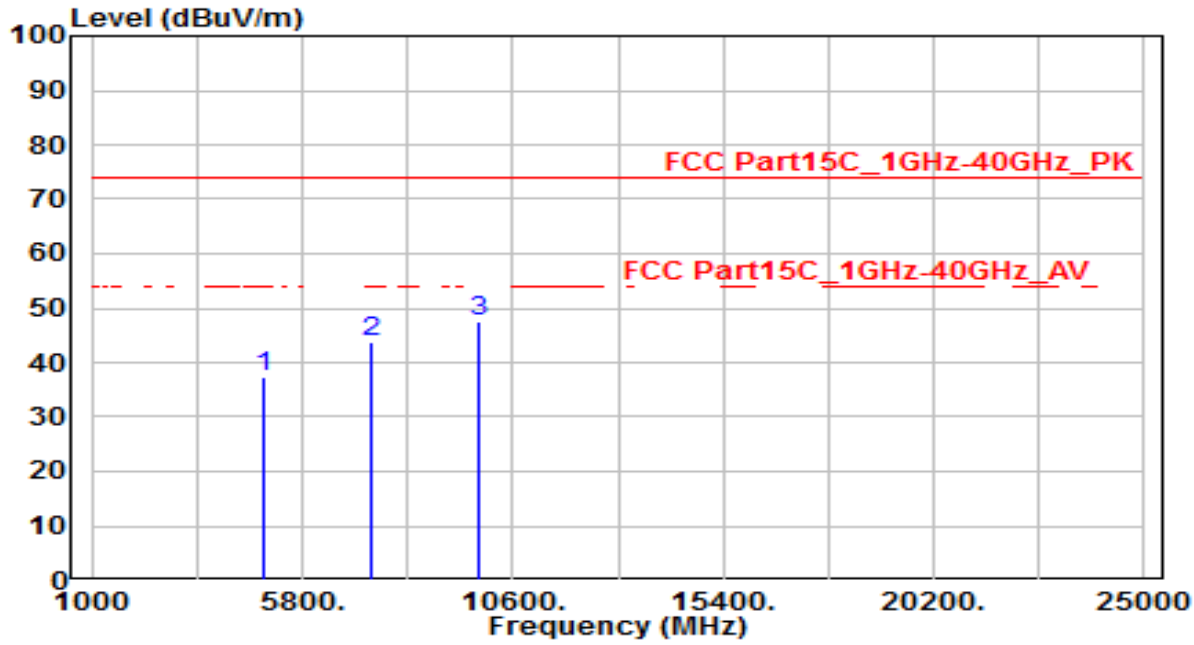


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	34.10	3.81	37.92	-36.08	74.00	150	0	Peak
2		7386.000	31.15	12.51	43.66	-30.34	74.00	150	0	Peak
3	*	9848.000	32.26	16.30	48.56	-25.44	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11g_TX_CH 11_SCAN ANT 0	Test Voltage	By PoE

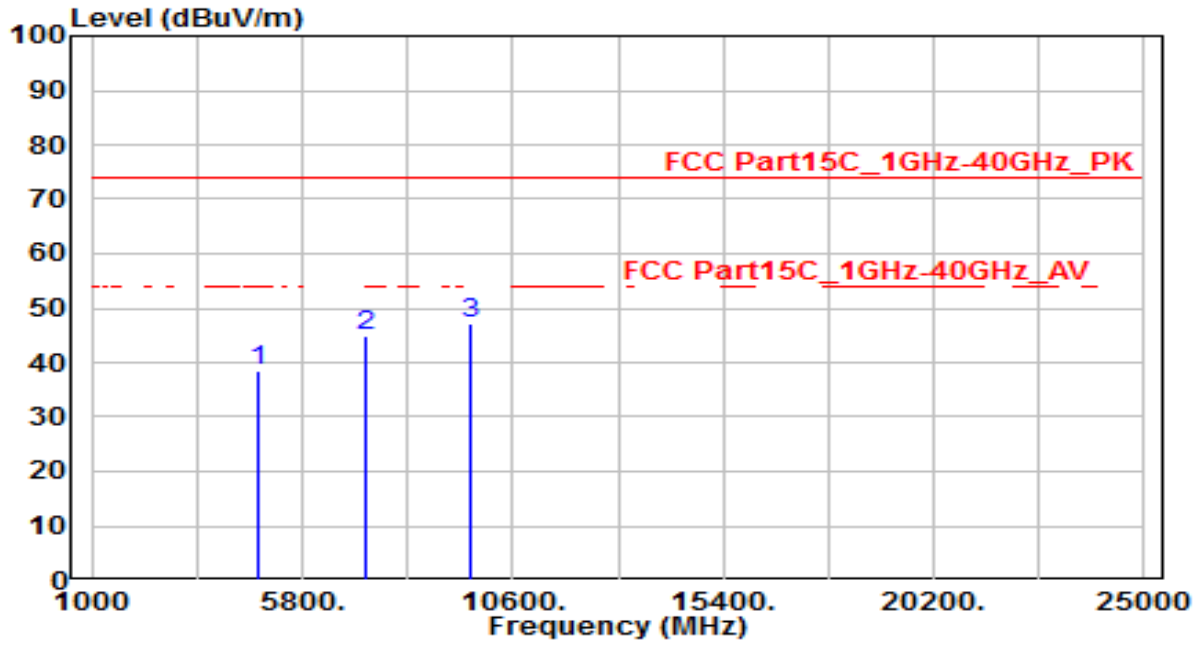


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	33.70	3.81	37.51	-36.49	74.00	150	0	Peak
2		7386.000	31.33	12.51	43.84	-30.16	74.00	150	0	Peak
3	*	9848.000	31.16	16.30	47.46	-26.54	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20MHz_TX_CH 1_SCAN ANT 0	Test Voltage	By PoE

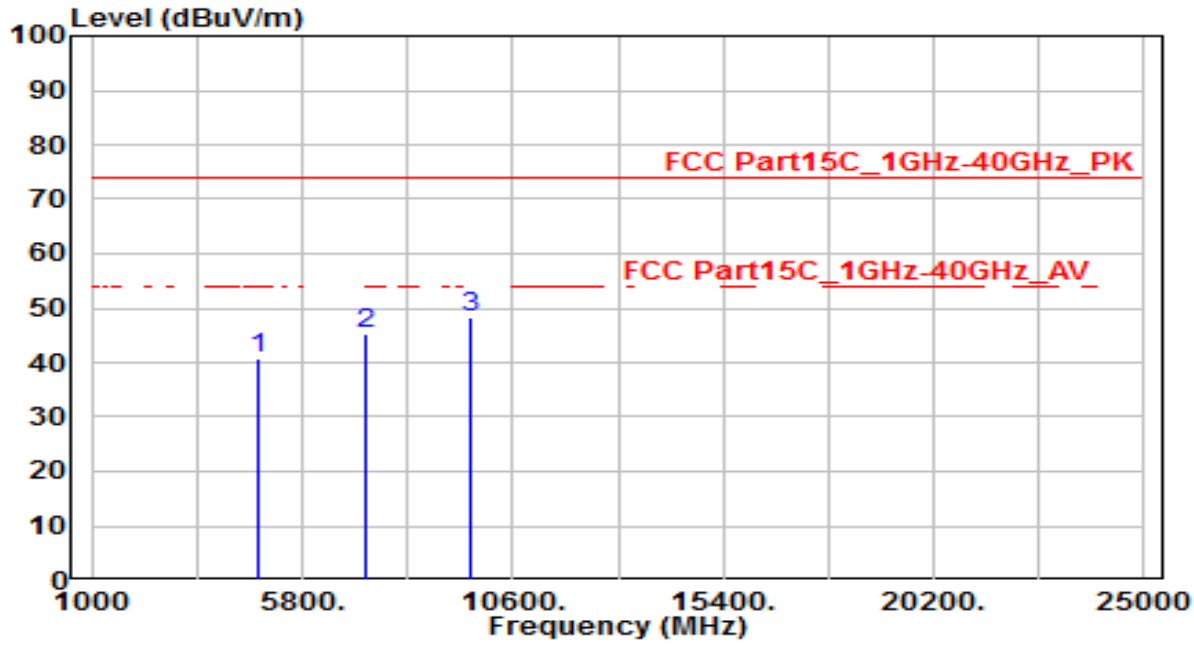


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	34.83	3.63	38.47	-35.53	74.00	150	0	Peak
2		7236.000	32.95	11.85	44.80	-29.20	74.00	150	0	Peak
3	*	9648.000	31.30	15.97	47.27	-26.73	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20MHz_TX_CH 1_SCAN ANT 0	Test Voltage	By PoE

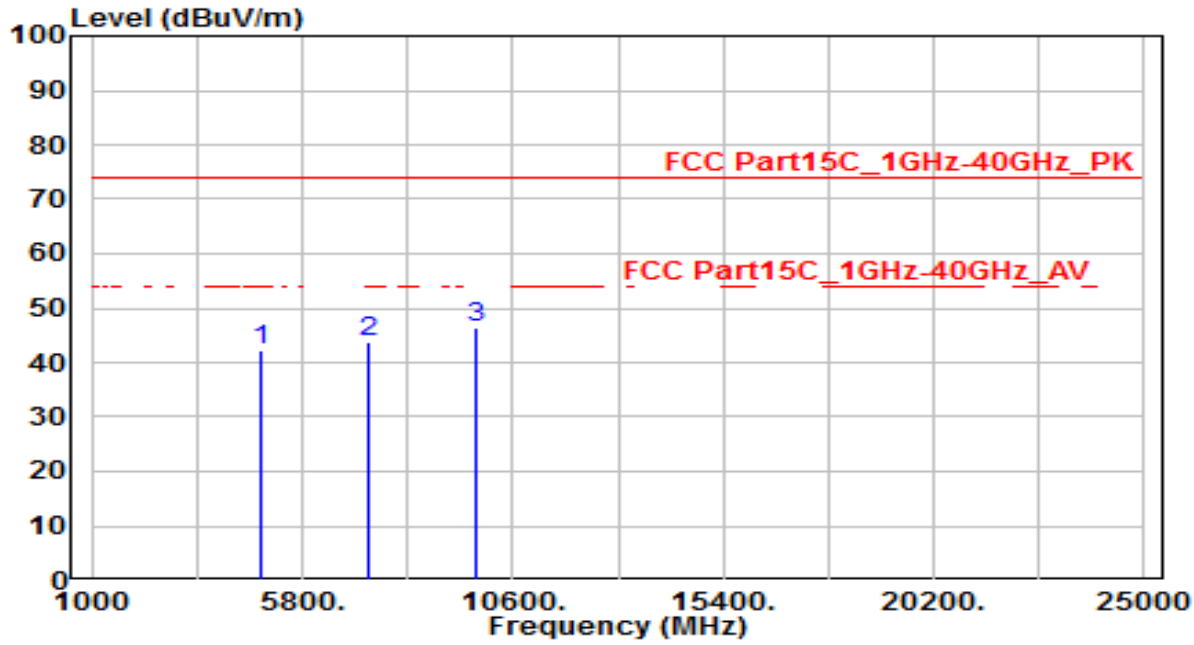


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	36.95	3.63	40.58	-33.42	74.00	150	0	Peak
2		7236.000	33.29	11.85	45.14	-28.86	74.00	150	0	Peak
3	*	9648.000	32.50	15.97	48.46	-25.54	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20MHz_TX_CH 6_SCAN ANT 0	Test Voltage	By PoE

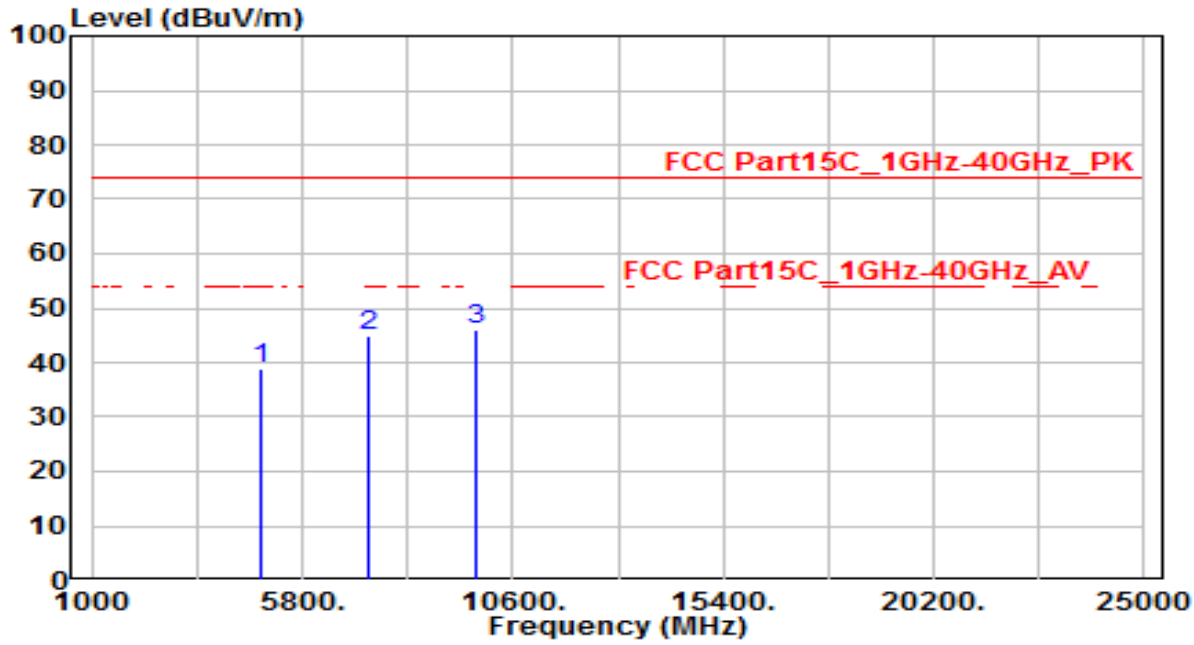


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	38.57	3.72	42.29	-31.71	74.00	150	0	Peak
2		7311.000	31.73	12.18	43.91	-30.09	74.00	150	0	Peak
3	*	9748.000	30.20	16.14	46.34	-27.66	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20MHz_TX_CH 6_SCAN ANT 0	Test Voltage	By PoE

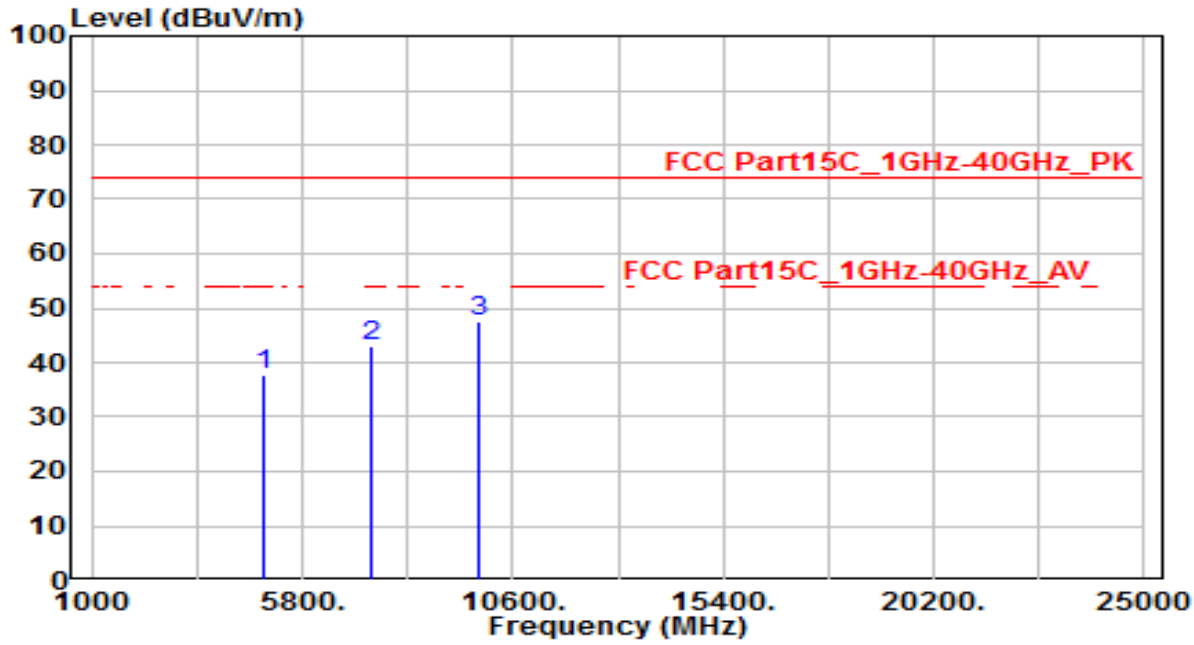


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	35.18	3.72	38.90	-35.10	74.00	150	0	Peak
2		7311.000	32.84	12.18	45.02	-28.98	74.00	150	0	Peak
3	*	9748.000	29.77	16.14	45.90	-28.10	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20MHz_TX_CH 11_SCAN ANT 0	Test Voltage	By PoE

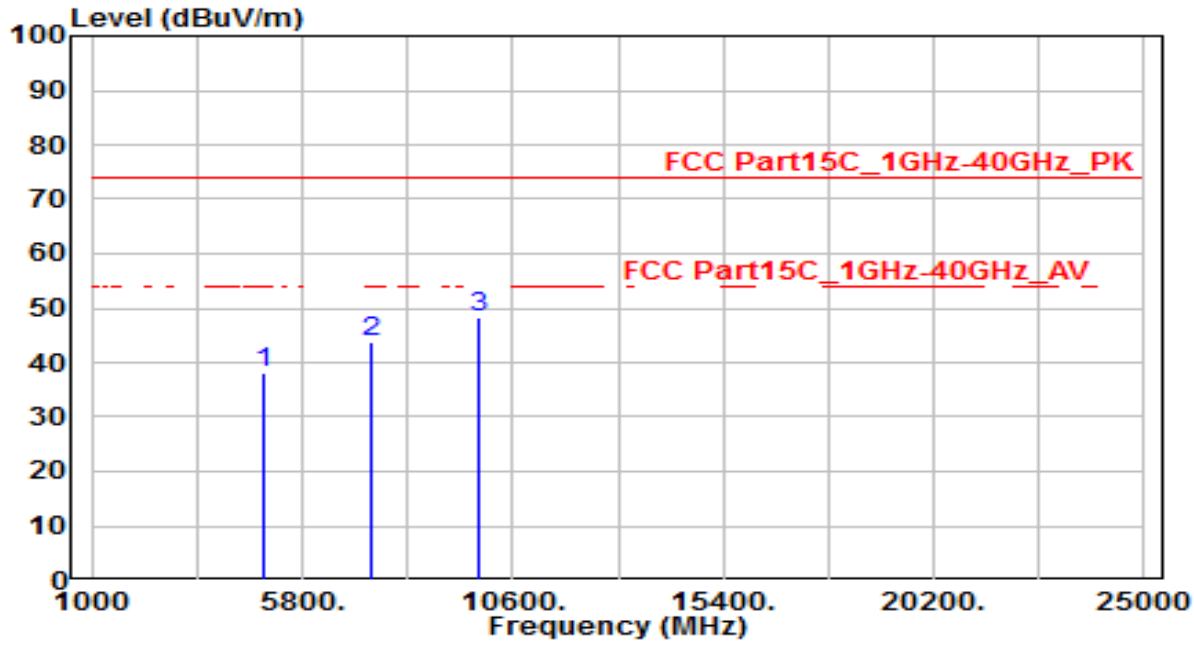


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	33.82	3.81	37.63	-36.37	74.00	150	0	Peak
2		7386.000	30.39	12.51	42.90	-31.10	74.00	150	0	Peak
3	*	9848.000	31.11	16.30	47.42	-26.58	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20MHz_TX_CH 11_SCAN ANT 0	Test Voltage	By PoE

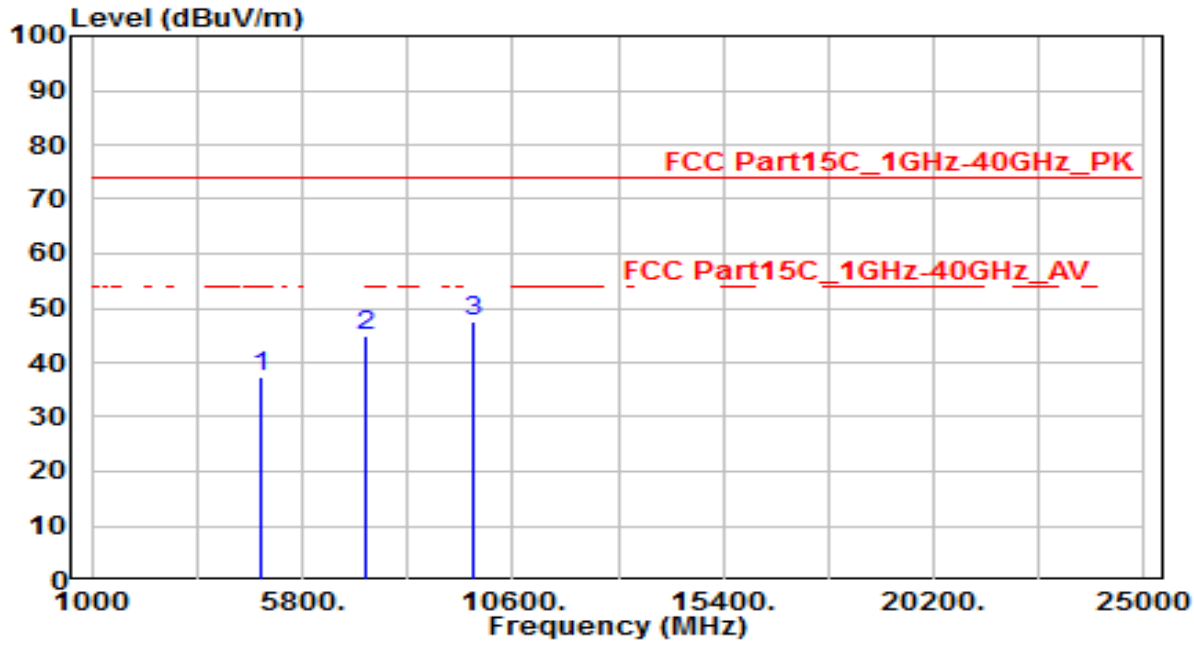


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	34.21	3.81	38.02	-35.98	74.00	150	0	Peak
2		7386.000	31.20	12.51	43.71	-30.29	74.00	150	0	Peak
3	*	9848.000	32.17	16.30	48.48	-25.52	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-40MHz_TX_CH 3_SCAN ANT 0	Test Voltage	By PoE

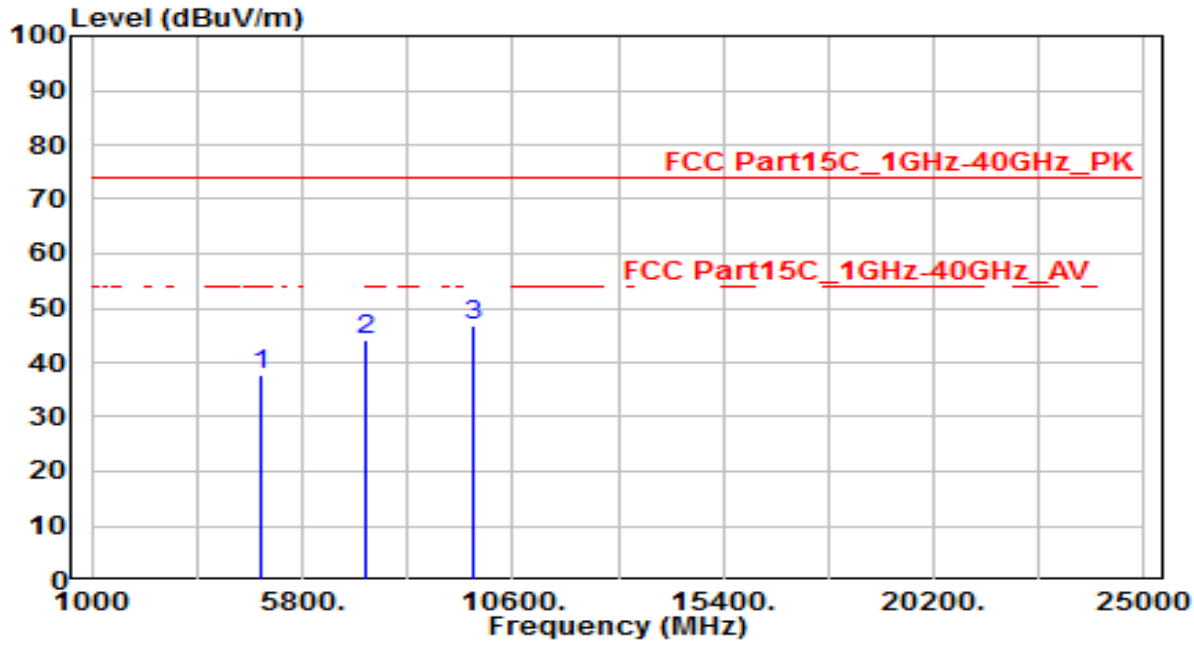


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4844.000	33.84	3.67	37.50	-36.50	74.00	150	0	Peak
2		7266.000	32.78	11.98	44.76	-29.24	74.00	150	0	Peak
3	*	9688.000	31.37	16.04	47.40	-26.60	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-40MHz_TX_CH 3_SCAN ANT 0	Test Voltage	By PoE

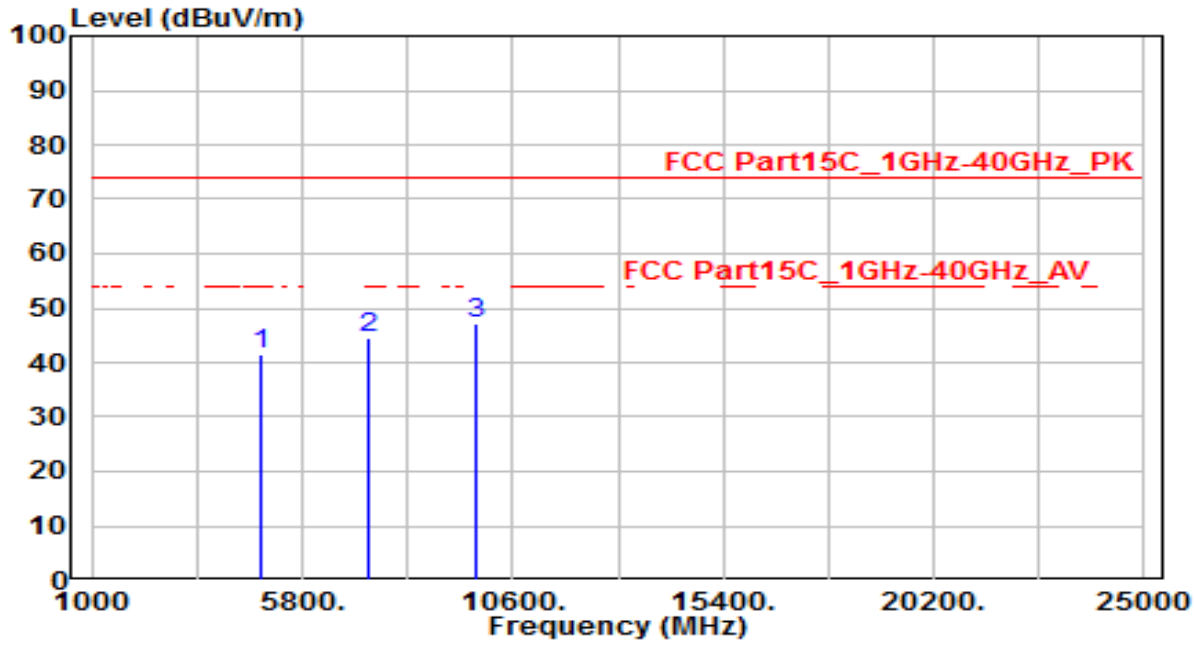


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4844.000	33.91	3.67	37.58	-36.42	74.00	150	0	Peak
2		7266.000	32.14	11.98	44.12	-29.88	74.00	150	0	Peak
3	*	9688.000	30.59	16.04	46.63	-27.37	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-40MHz_TX_CH 6_SCAN ANT 0	Test Voltage	By PoE

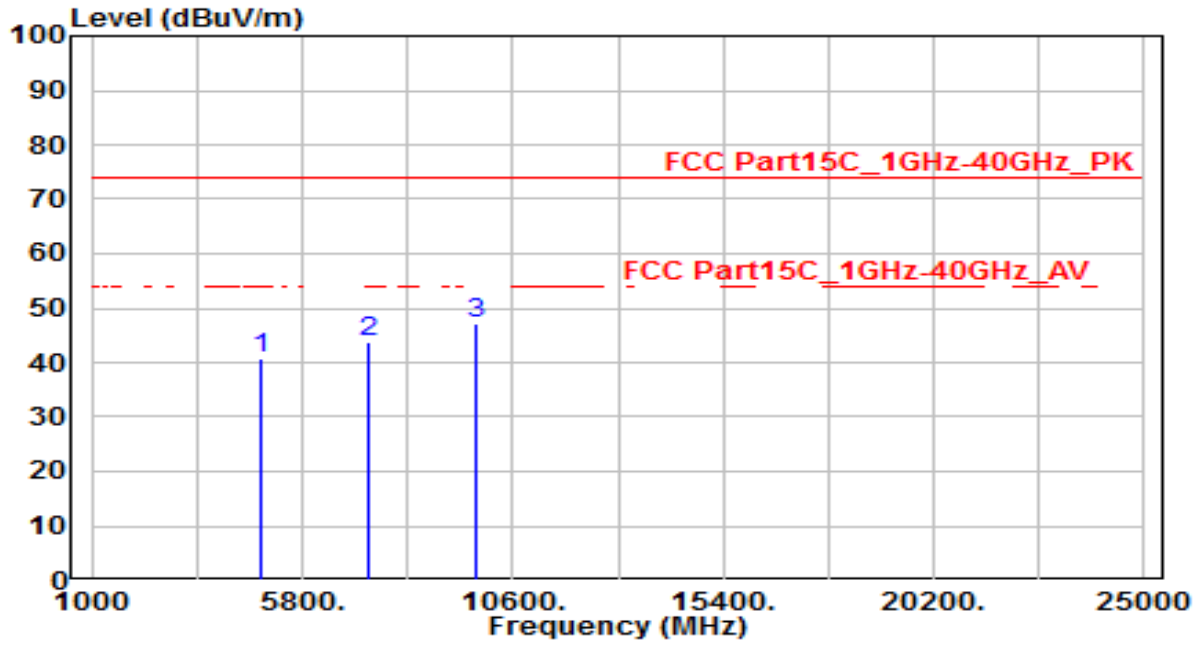


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	37.79	3.72	41.51	-32.49	74.00	150	0	Peak
2		7311.000	32.34	12.18	44.51	-29.49	74.00	150	0	Peak
3	*	9748.000	31.04	16.14	47.18	-26.82	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-40MHz_TX_CH 6_SCAN ANT 0	Test Voltage	By PoE

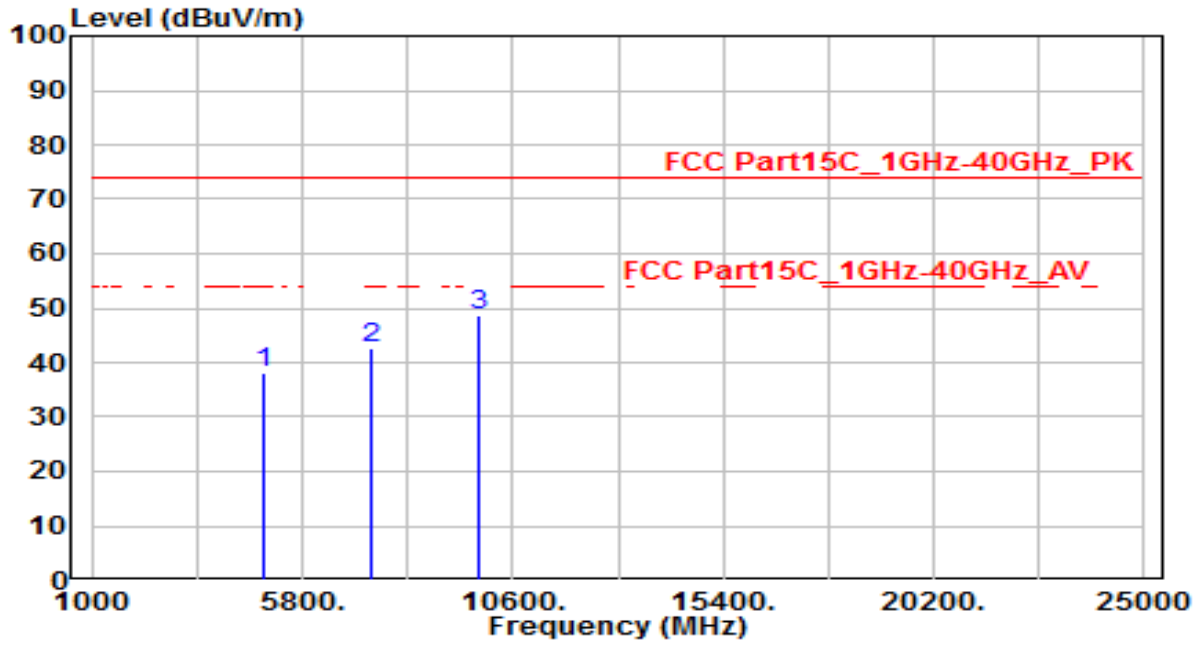


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	37.20	3.72	40.93	-33.07	74.00	150	0	Peak
2		7311.000	31.75	12.18	43.93	-30.07	74.00	150	0	Peak
3	*	9748.000	31.17	16.14	47.31	-26.69	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-40MHz_TX_CH 9_SCAN ANT 0	Test Voltage	By PoE

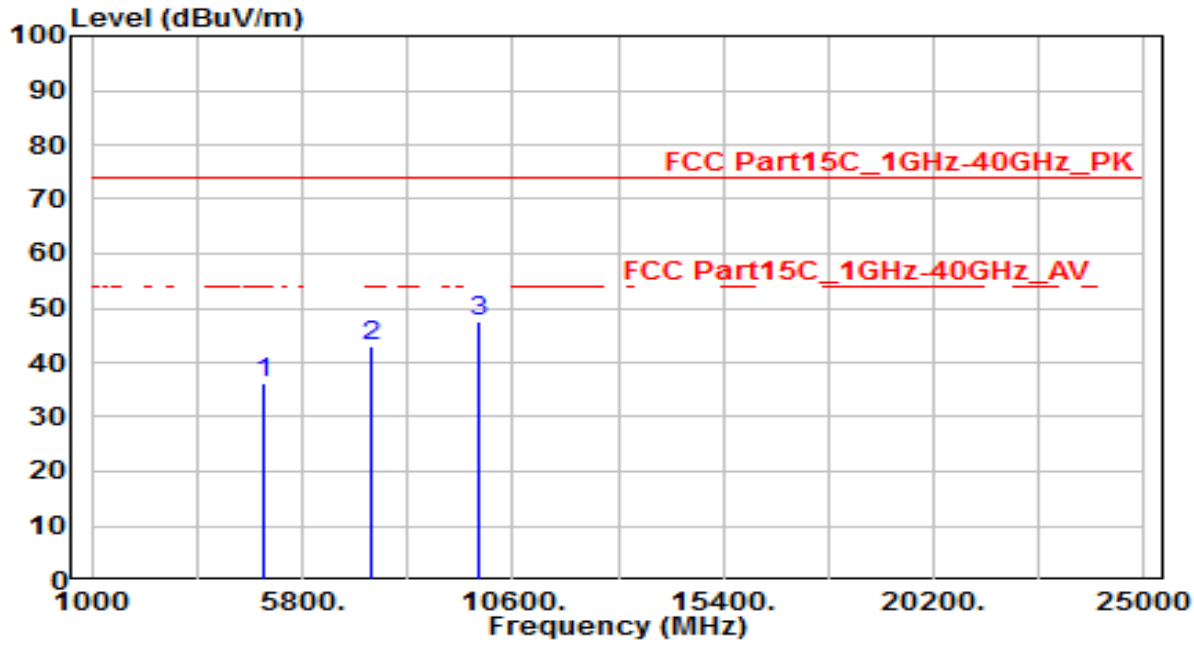


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4904.000	34.15	3.78	37.93	-36.07	74.00	150	0	Peak
2		7356.000	30.34	12.38	42.72	-31.28	74.00	150	0	Peak
3	*	9808.000	32.51	16.24	48.74	-25.26	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-22
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-40MHz_TX_CH 9_SCAN ANT 0	Test Voltage	By PoE



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4904.000	32.51	3.78	36.29	-37.71	74.00	150	0	Peak
2		7356.000	30.46	12.38	42.84	-31.16	74.00	150	0	Peak
3	*	9808.000	31.40	16.24	47.63	-26.37	74.00	150	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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 - 156.52525	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 C63.10-2013 Section 6.3

ANSI C63.10-2013 Section 6.6

ANSI C63.10-2013 Section 11.13

6.7.3.Test Setting

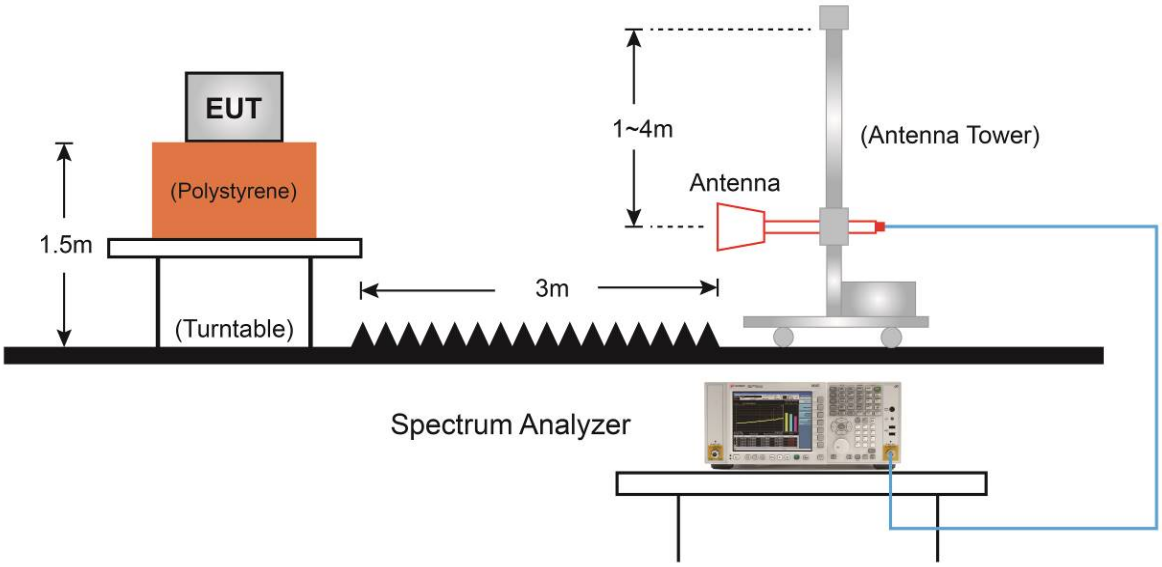
Peak Field Strength Measurements

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

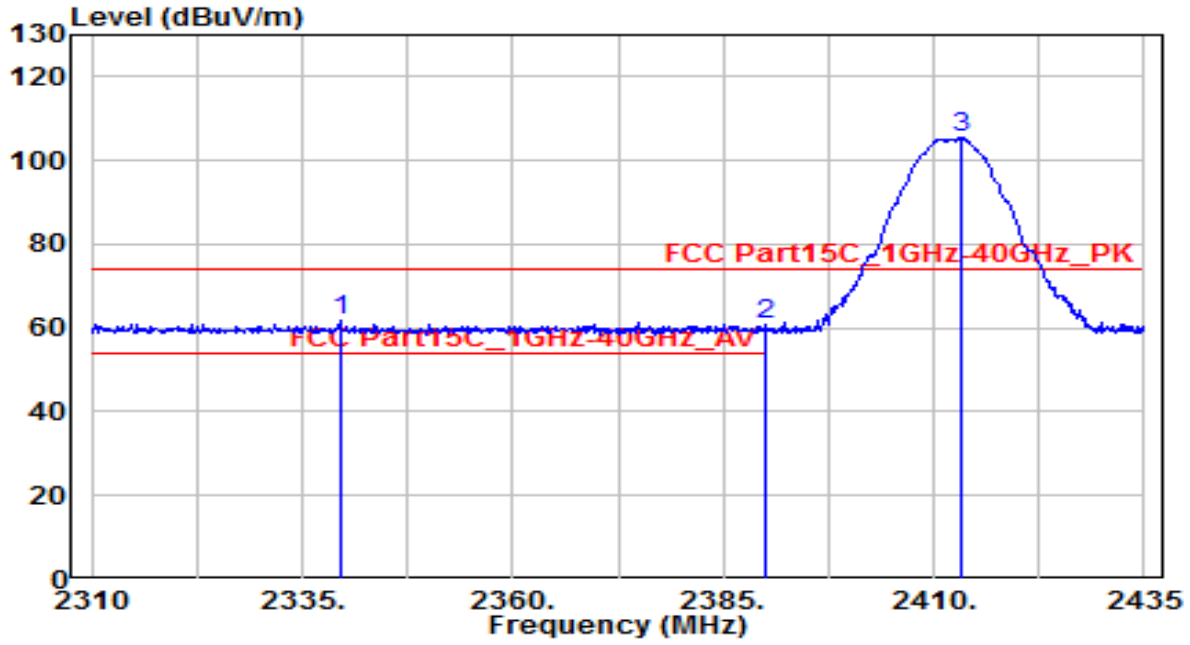
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW ≥ 1/T
4. As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE

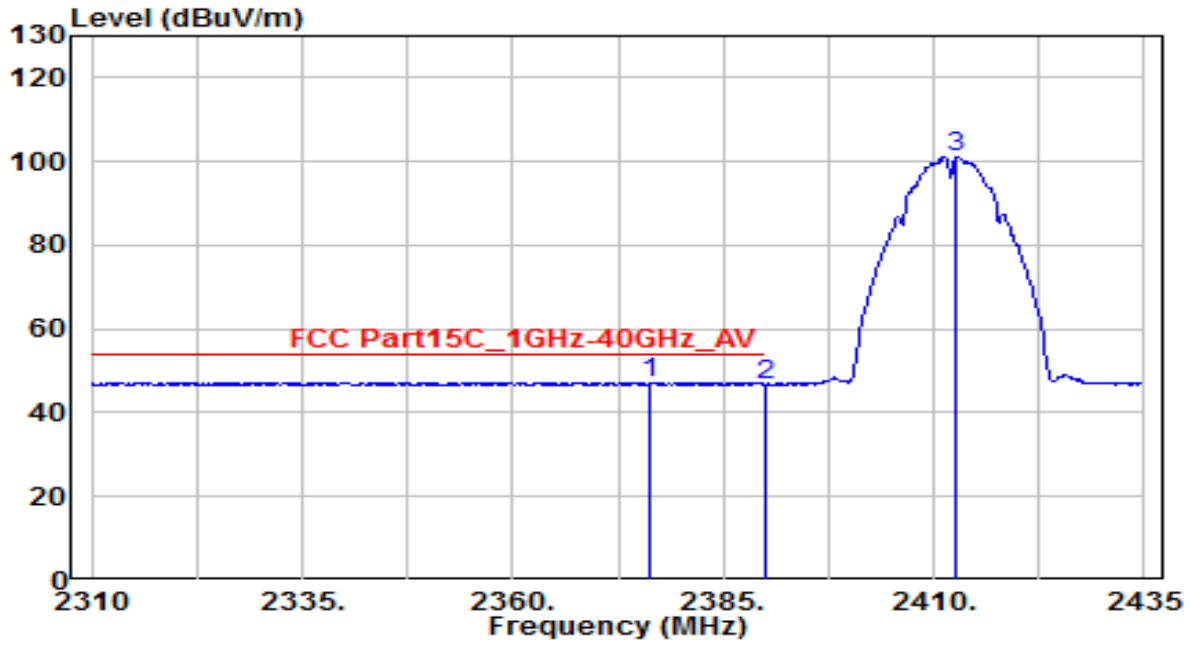


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2339.500	29.57	32.01	61.58	-12.42	74.00	170	100	Peak
2		2390.000	28.65	32.22	60.87	-13.13	74.00	170	100	Peak
3		2413.250	73.03	32.32	105.35	N/A	N/A	170	100	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE

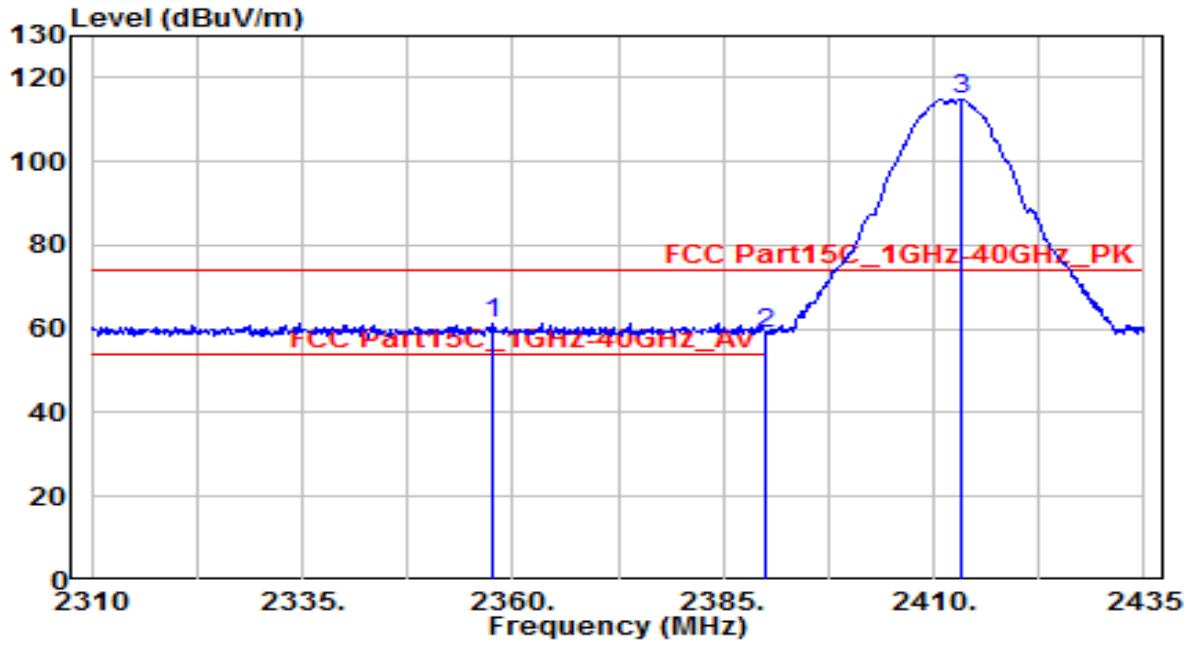


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2376.375	15.16	32.16	47.32	-6.68	54.00	170	100	Average
2		2390.000	14.58	32.22	46.80	-7.20	54.00	170	100	Average
3		2412.750	68.96	32.31	101.28	N/A	N/A	170	100	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE

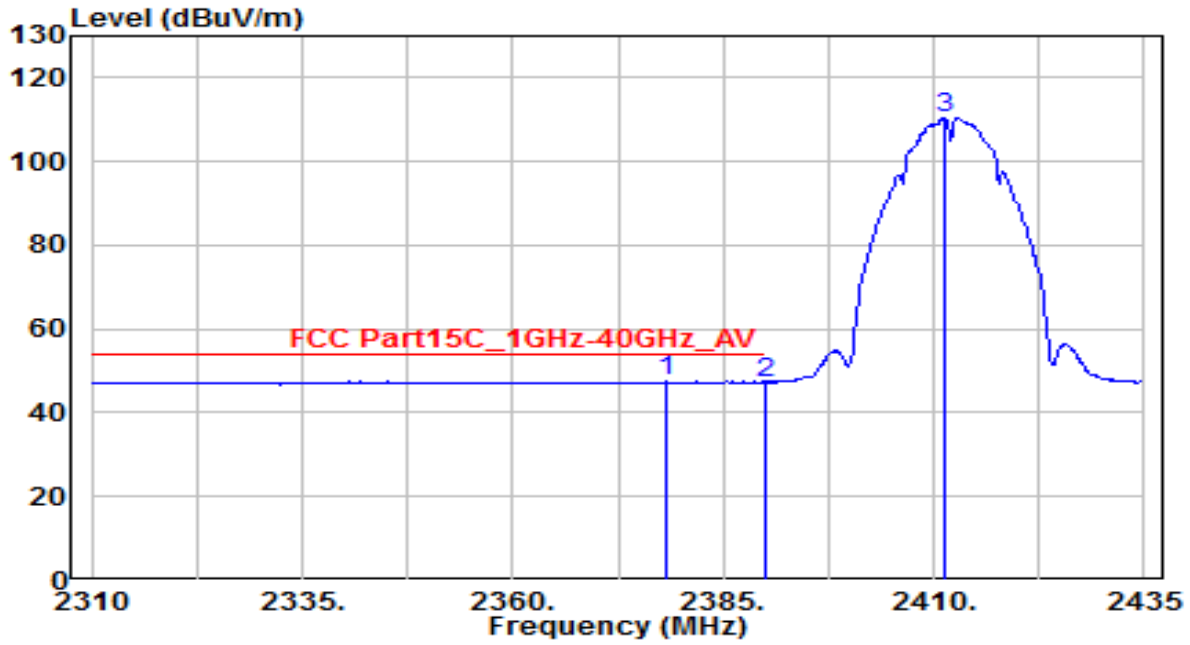


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2357.625	29.19	32.08	61.28	-12.72	74.00	260	85	Peak
2		2390.000	26.88	32.22	59.10	-14.90	74.00	260	85	Peak
3		2413.125	82.57	32.32	114.88	N/A	N/A	260	85	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE

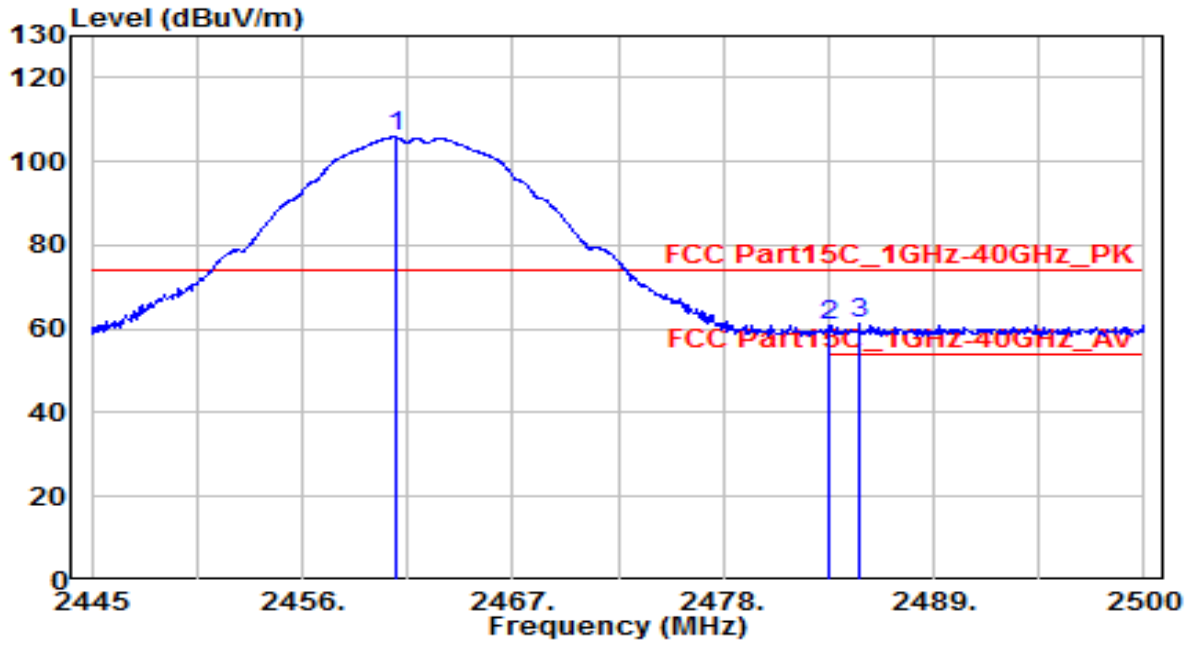


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2378.250	15.22	32.17	47.39	-6.61	54.00	260	85	Average
2		2390.000	15.03	32.22	47.24	-6.76	54.00	260	85	Average
3		2411.250	78.28	32.31	110.58	N/A	N/A	260	85	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 11_ANT 0+1+2+3	Test Voltage	By PoE

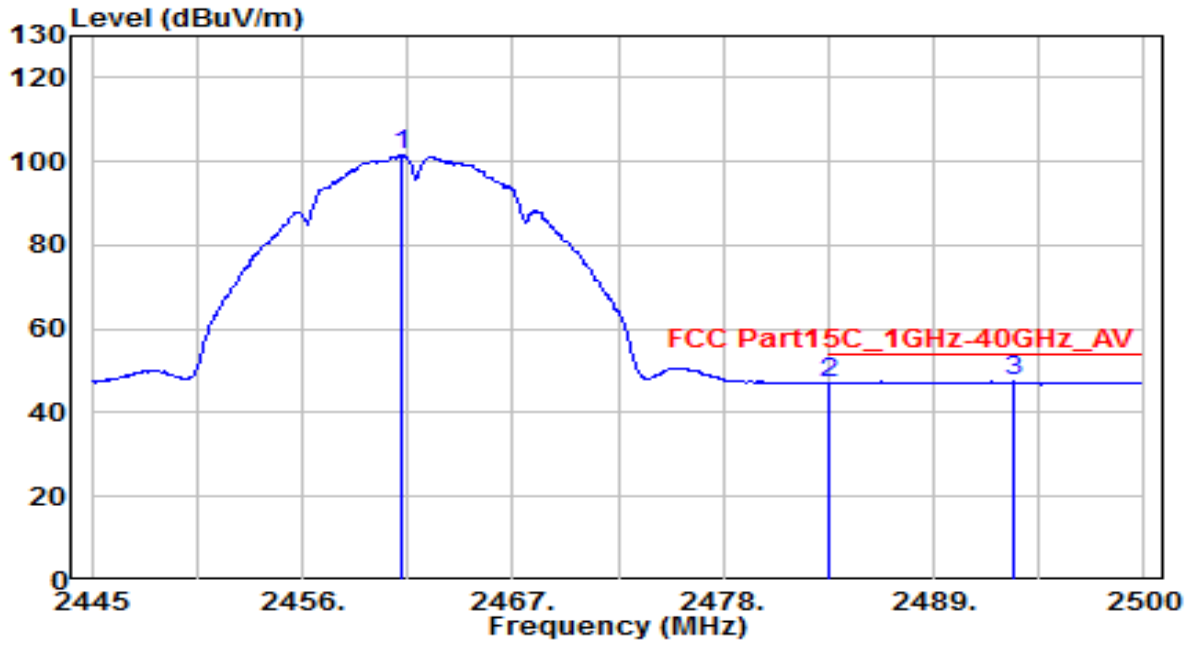


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.840	73.22	32.52	105.74	N/A	N/A	170	95	Peak
2		2483.500	28.08	32.61	60.69	-13.31	74.00	170	95	Peak
3	*	2485.095	28.50	32.62	61.11	-12.89	74.00	170	95	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 11_ANT 0+1+2+3	Test Voltage	By PoE

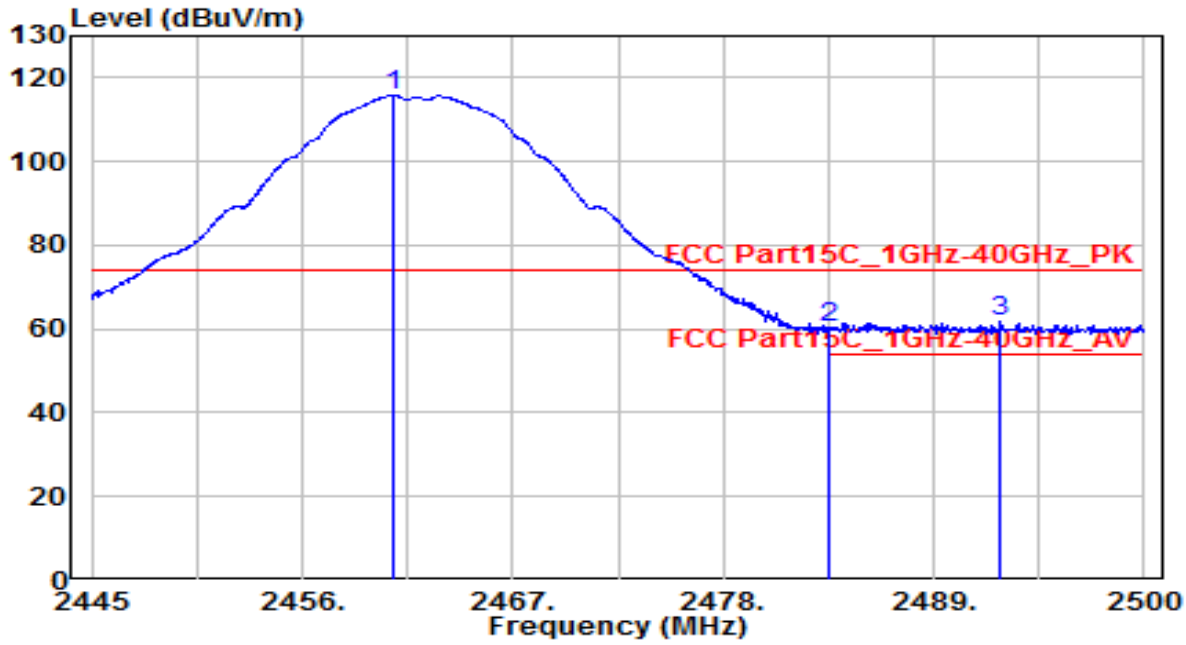


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2461.170	69.02	32.52	101.54	N/A	N/A	170	95	Average
2		2483.500	14.51	32.61	47.12	-6.88	54.00	170	95	Average
3	*	2493.180	14.71	32.65	47.36	-6.64	54.00	170	95	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 11_ANT 0+1+2+3	Test Voltage	By PoE

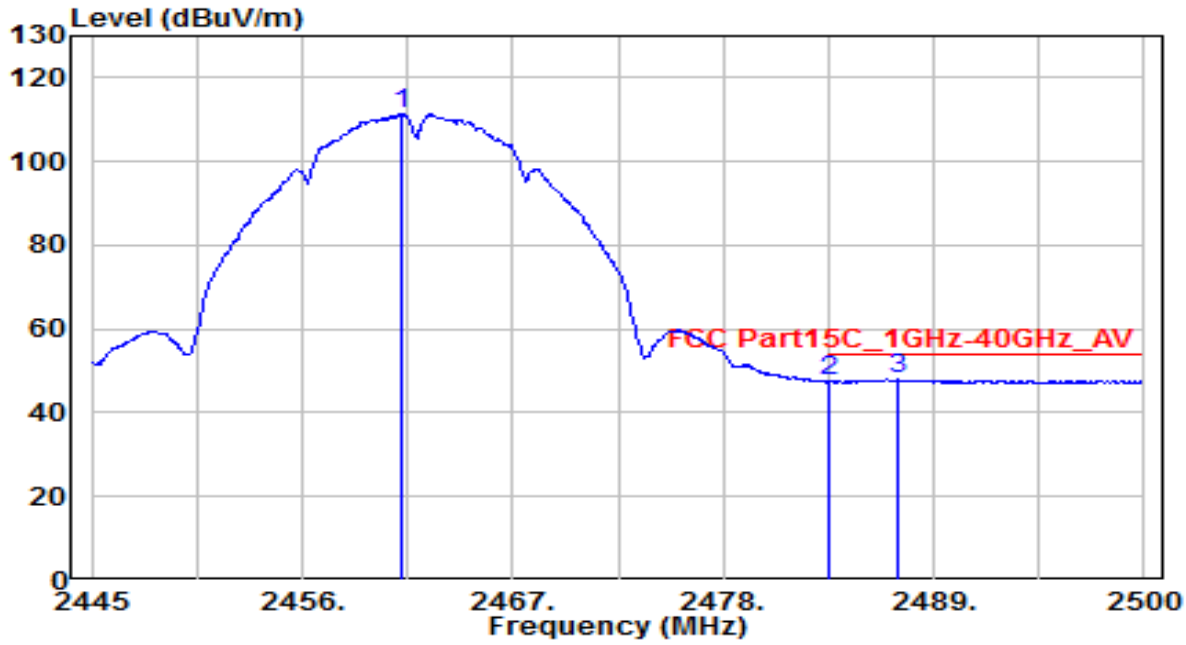


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.785	83.24	32.52	115.76	N/A	N/A	230	80	Peak
2		2483.500	27.66	32.61	60.27	-13.73	74.00	230	80	Peak
3	*	2492.465	29.12	32.65	61.77	-12.23	74.00	230	80	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 11_ANT 0+1+2+3	Test Voltage	By PoE

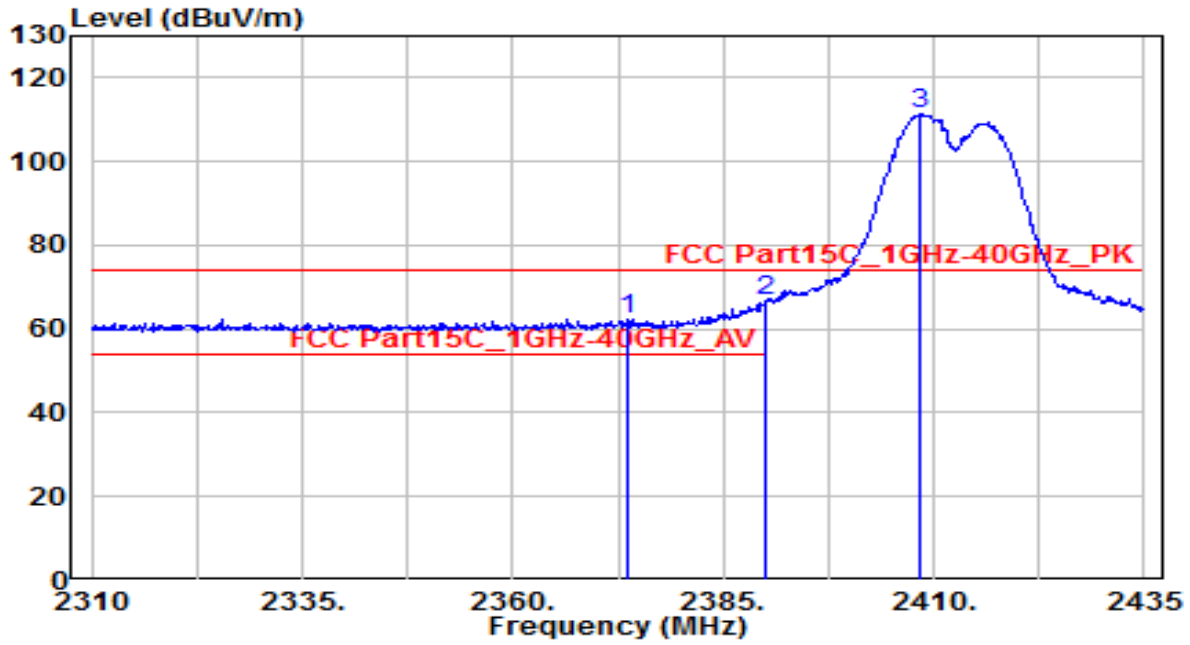


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2461.225	78.95	32.52	111.47	N/A	N/A	230	80	Average
2		2483.500	14.75	32.61	47.36	-6.64	54.00	230	80	Average
3	*	2487.185	15.40	32.63	48.03	-5.97	54.00	230	80	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE

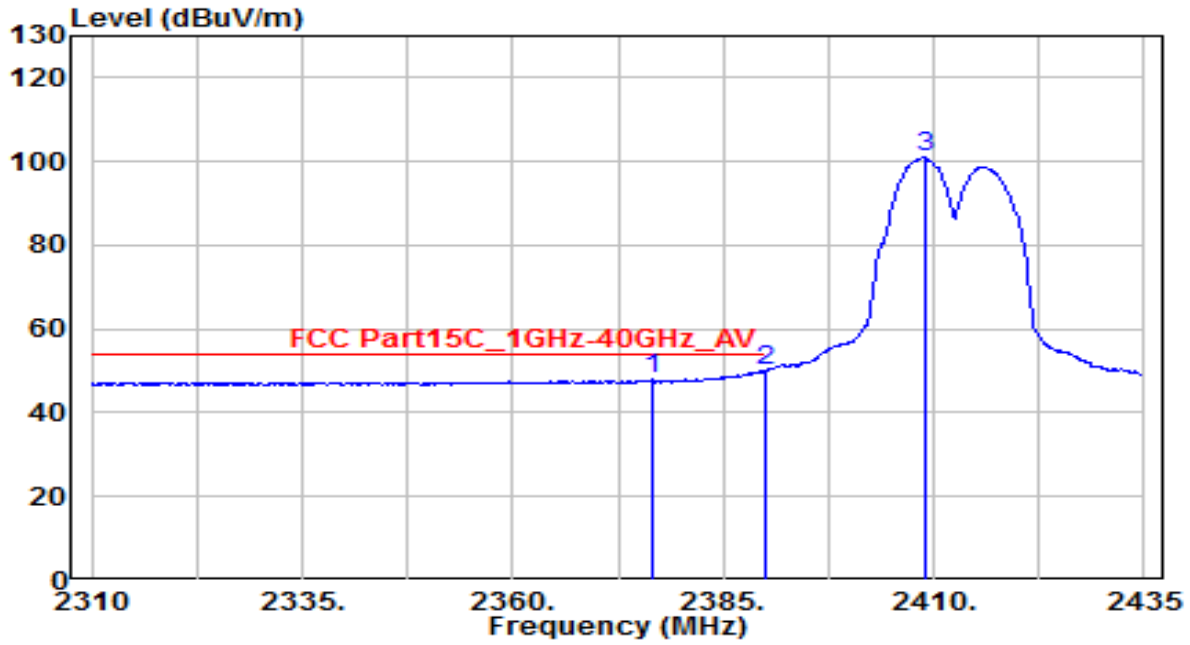


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2373.500	30.30	32.15	62.45	-11.55	74.00	175	205	Peak
2	*	2390.000	34.61	32.22	66.83	-7.17	74.00	175	205	Peak
3		2408.500	79.00	32.30	111.29	N/A	N/A	175	205	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE

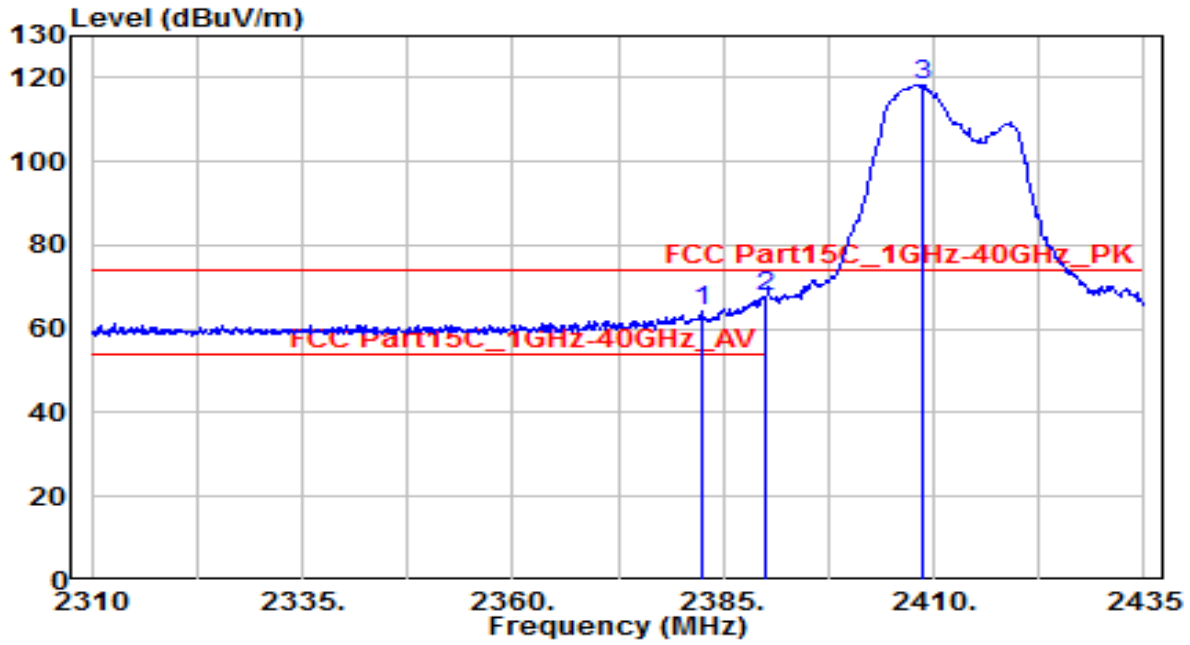


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2376.500	15.67	32.16	47.83	-6.17	54.00	175	205	Average
2	*	2390.000	17.86	32.22	50.08	-3.92	54.00	175	205	Average
3		2408.875	68.71	32.30	101.00	N/A	N/A	175	205	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE

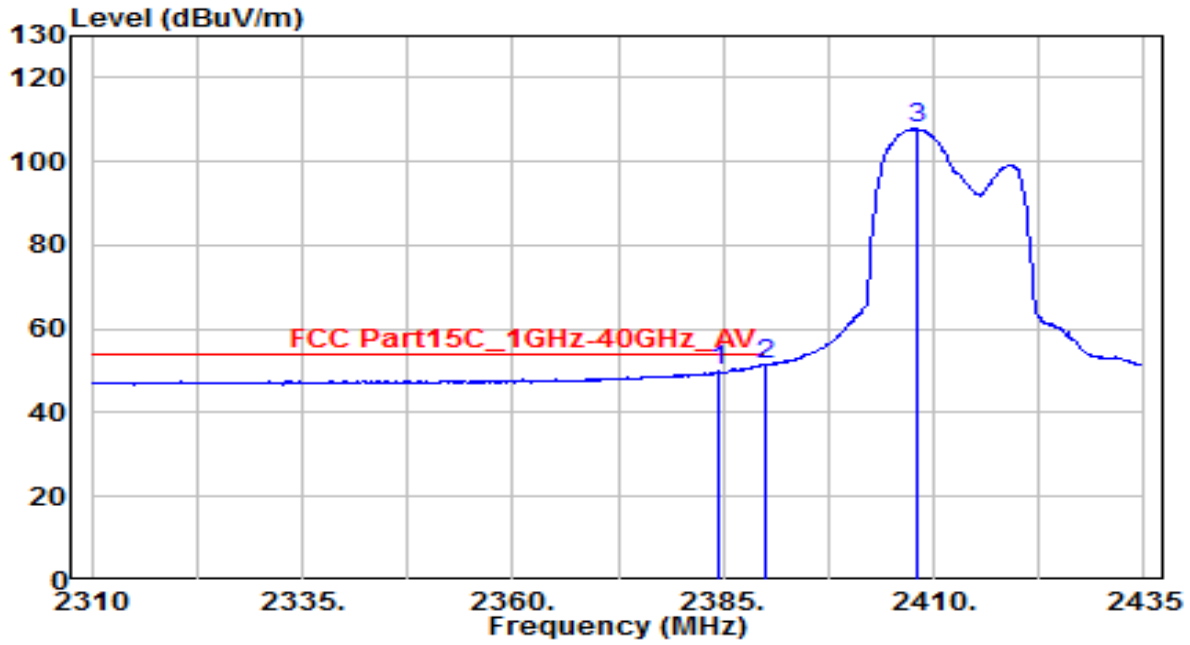


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2382.375	32.22	32.19	64.41	-9.59	74.00	235	275	Peak
2	*	2390.000	35.50	32.22	67.72	-6.28	74.00	235	275	Peak
3		2408.625	86.11	32.30	118.41	N/A	N/A	235	275	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE

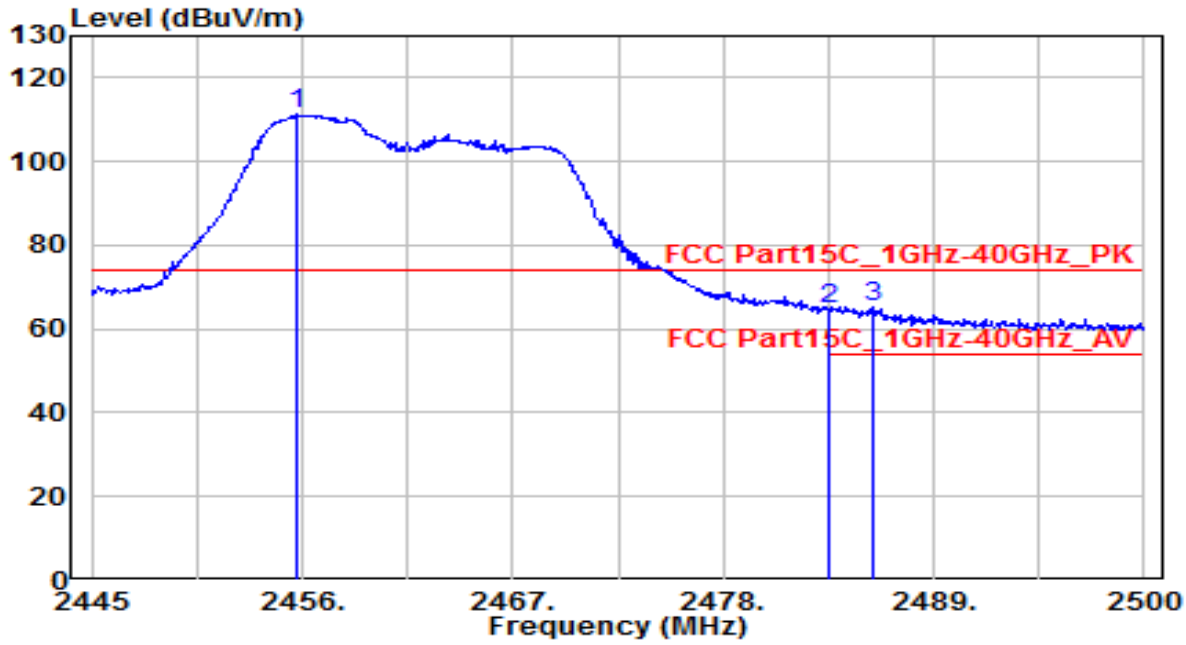


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2384.375	17.64	32.19	49.84	-4.16	54.00	235	275	Average
2	*	2390.000	19.06	32.22	51.28	-2.72	54.00	235	275	Average
3		2408.125	75.46	32.29	107.76	N/A	N/A	235	275	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 11_ANT 0+1+2+3	Test Voltage	By PoE

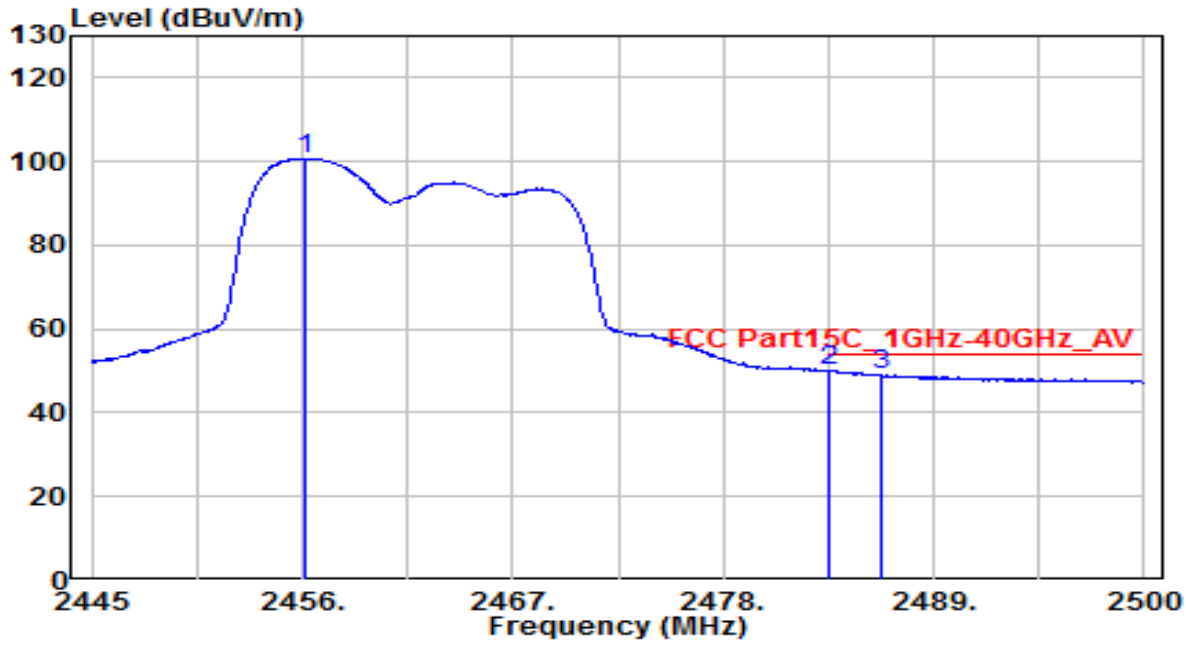


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2455.780	78.73	32.49	111.23	N/A	N/A	150	330	Peak
2		2483.500	32.21	32.61	64.82	-9.18	74.00	150	330	Peak
3	*	2485.865	32.41	32.62	65.03	-8.97	74.00	150	330	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 11_ANT 0+1+2+3	Test Voltage	By PoE

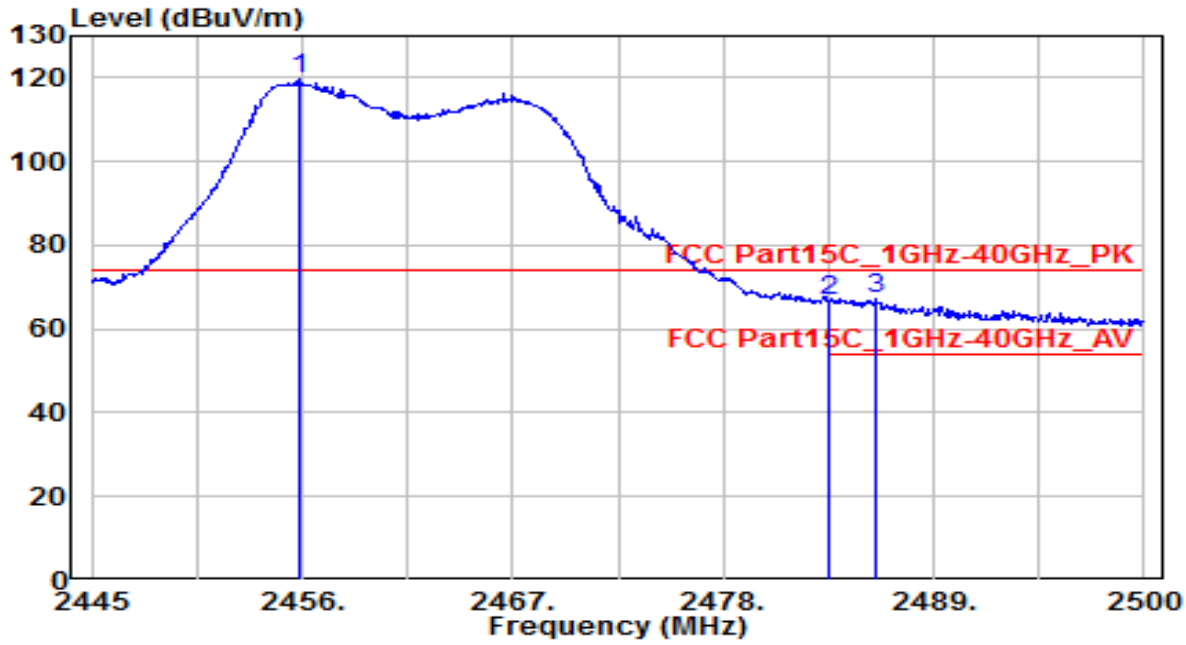


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2456.165	68.27	32.50	100.77	N/A	N/A	150	330	Average
2	*	2483.500	17.27	32.61	49.88	-4.12	54.00	150	330	Average
3		2486.250	16.31	32.62	48.94	-5.06	54.00	150	330	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 11_ANT 0+1+2+3	Test Voltage	By PoE

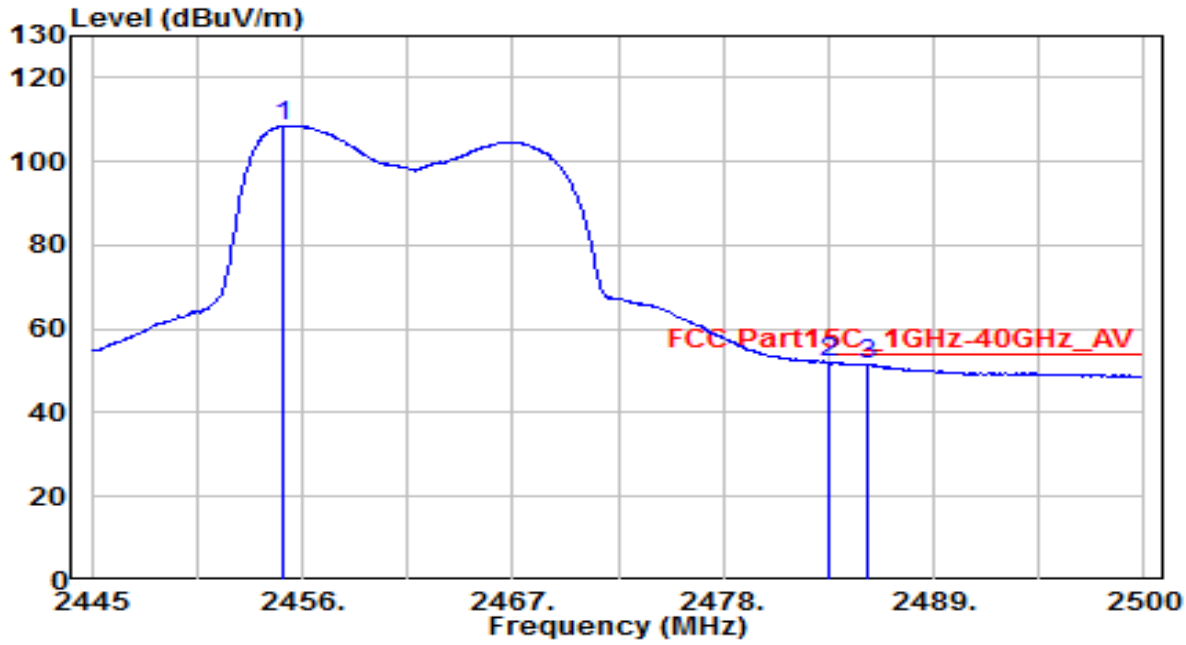


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2455.835	87.29	32.49	119.78	N/A	N/A	260	265	Peak
2		2483.500	34.30	32.61	66.91	-7.09	74.00	260	265	Peak
3	*	2485.920	34.68	32.62	67.30	-6.70	74.00	260	265	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-18
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 11_ANT 0+1+2+3	Test Voltage	By PoE

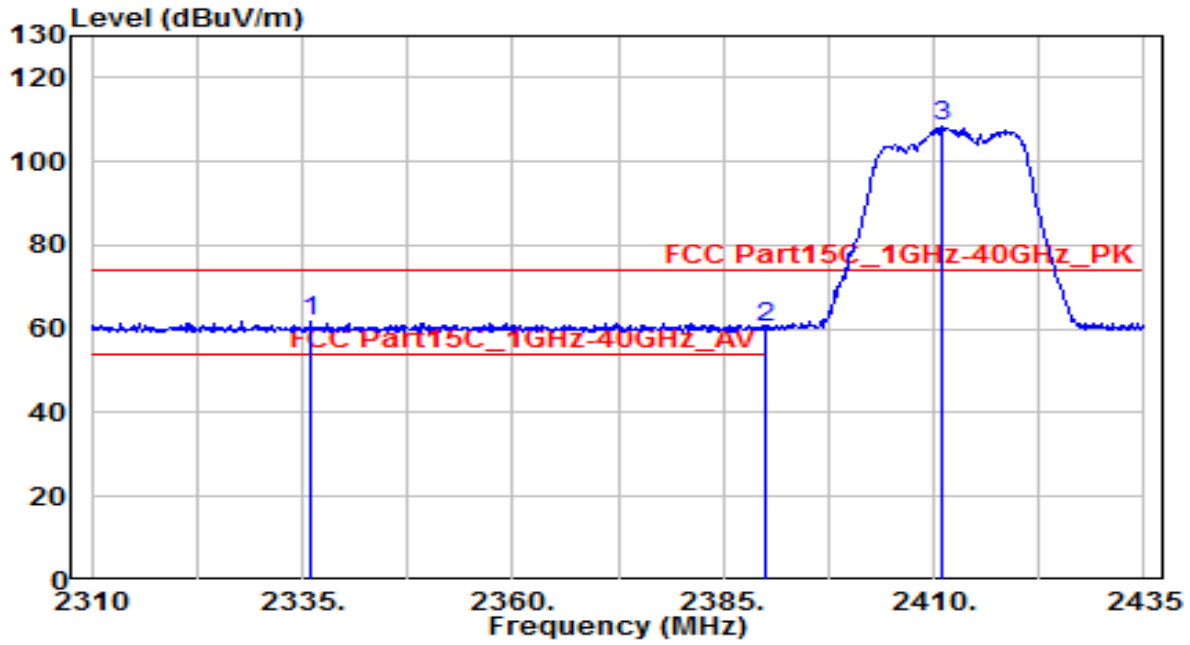


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2455.010	76.10	32.49	108.59	N/A	N/A	260	265	Average
2	*	2483.500	19.52	32.61	52.13	-1.87	54.00	260	265	Average
3		2485.535	18.93	32.62	51.55	-2.45	54.00	260	265	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE

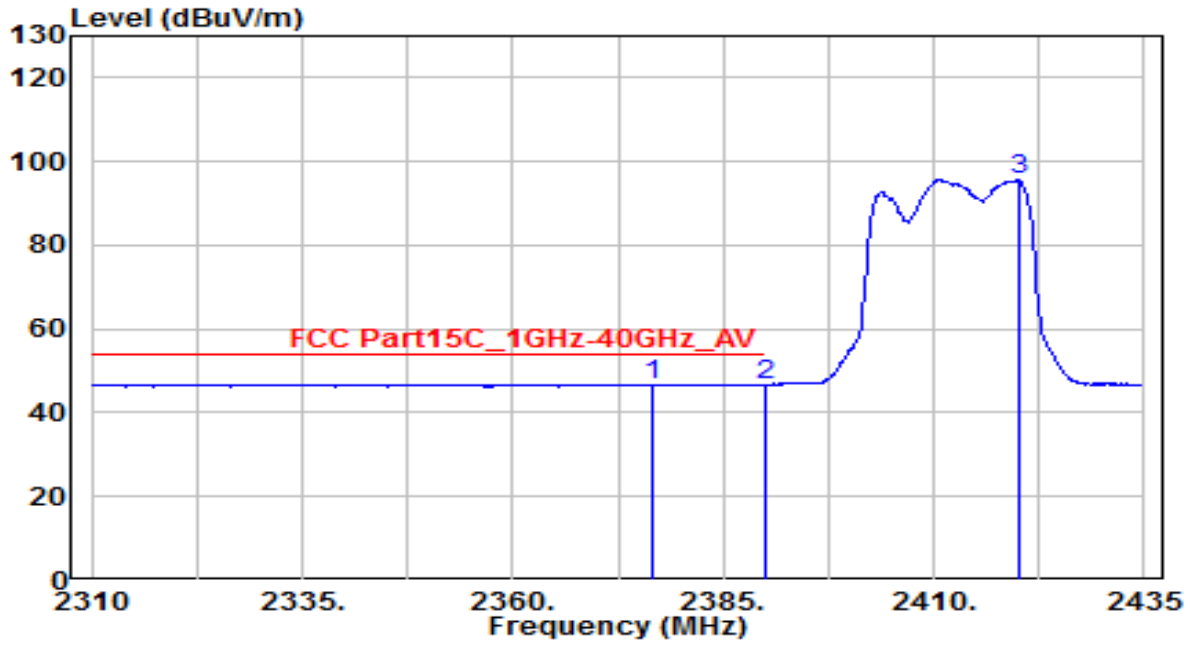


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2336.000	29.84	31.99	61.83	-12.17	74.00	170	100	Peak
2		2390.000	28.28	32.22	60.50	-13.50	74.00	170	100	Peak
3		2411.125	75.91	32.31	108.22	N/A	N/A	170	100	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE

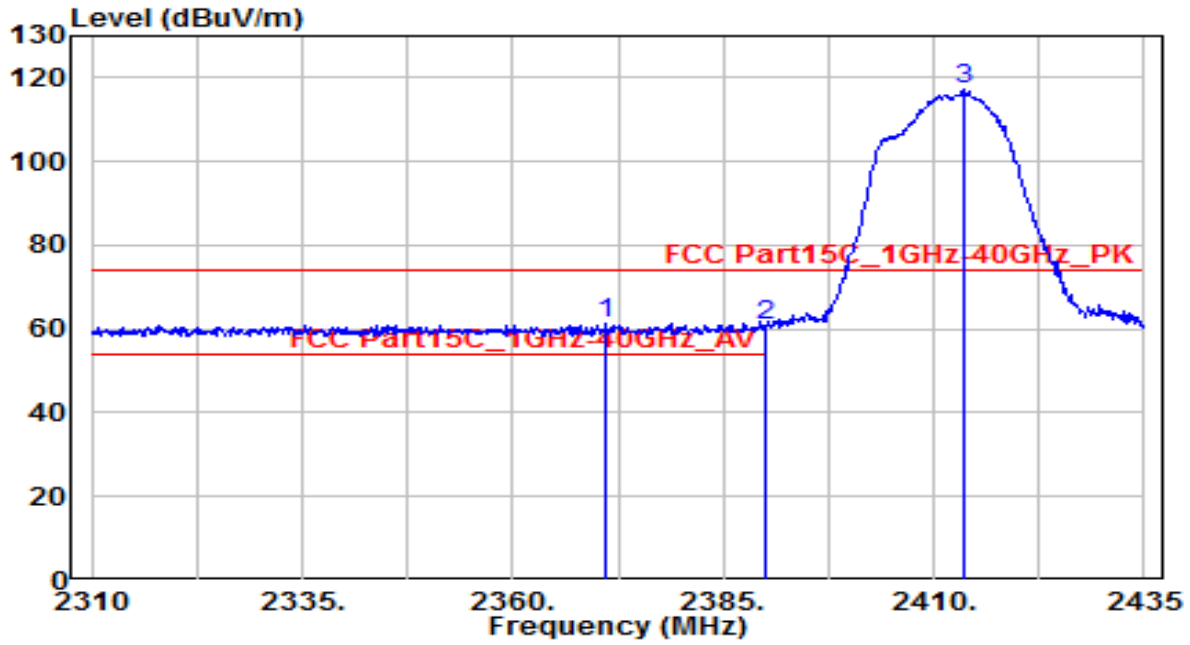


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2376.750	14.55	32.16	46.71	-7.29	54.00	170	100	Average
2	*	2390.000	14.56	32.22	46.77	-7.23	54.00	170	100	Average
3		2420.000	63.27	32.34	95.61	N/A	N/A	170	100	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE

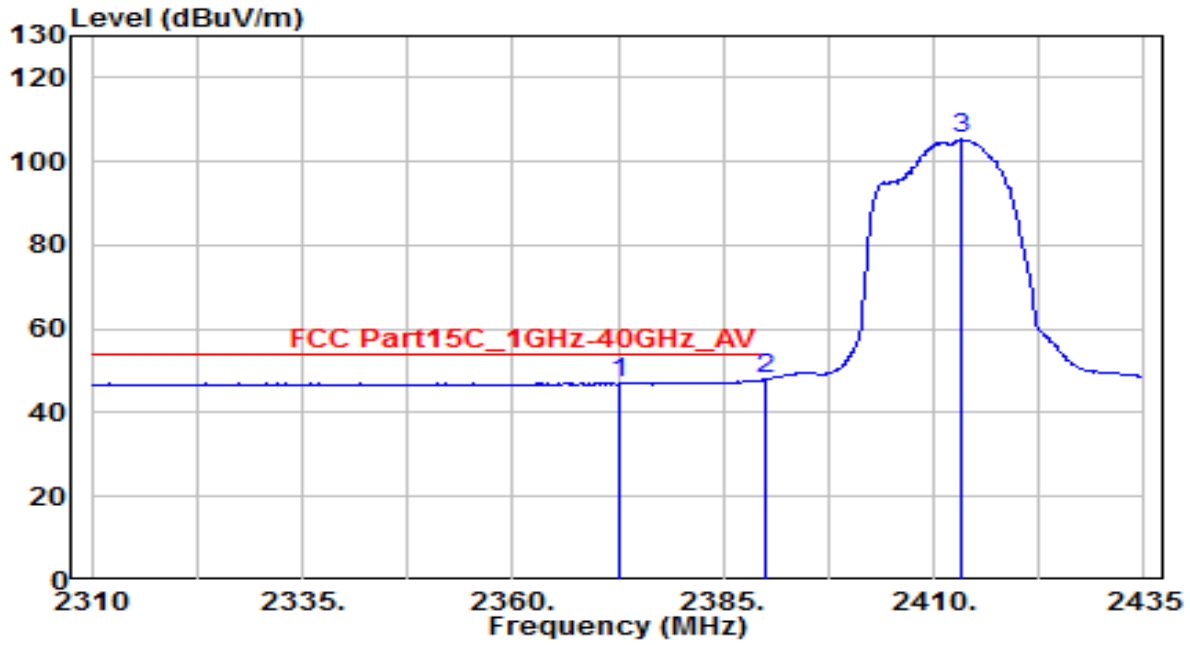


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2371.125	29.31	32.14	61.45	-12.55	74.00	260	85	Peak
2		2390.000	28.43	32.22	60.65	-13.35	74.00	260	85	Peak
3		2413.625	84.77	32.32	117.09	N/A	N/A	260	85	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE

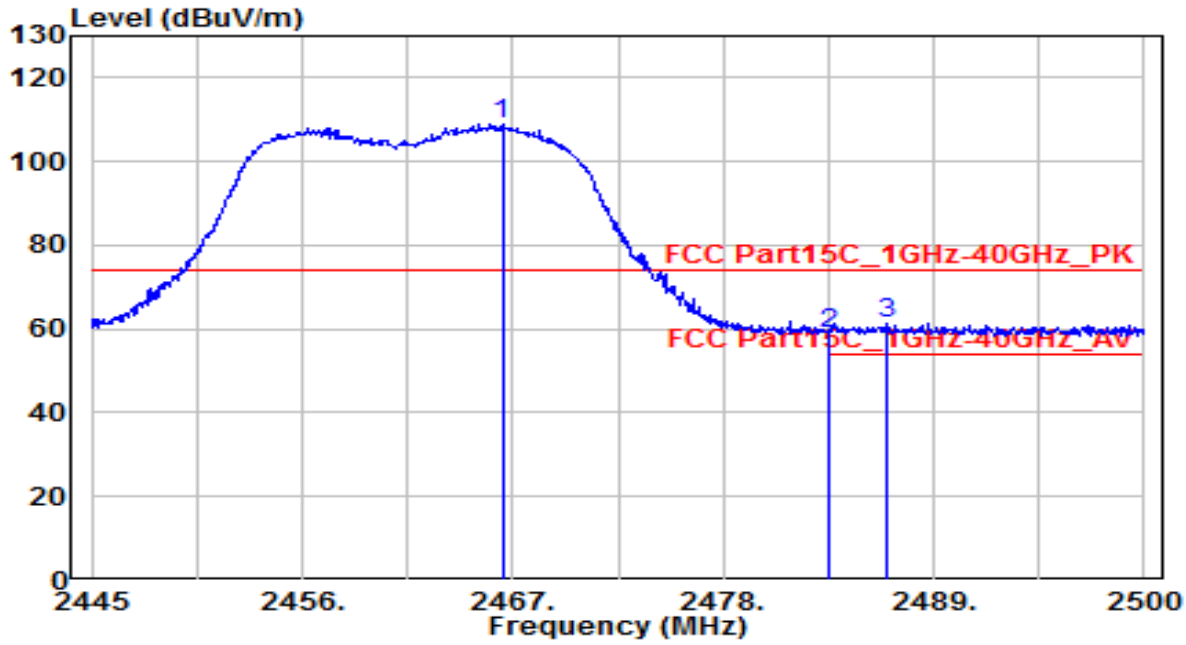


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2372.625	14.96	32.15	47.10	-6.90	54.00	260	85	Average
2	*	2390.000	15.75	32.22	47.96	-6.04	54.00	260	85	Average
3		2413.250	72.94	32.32	105.26	N/A	N/A	260	85	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0+1+2+3	Test Voltage	By PoE

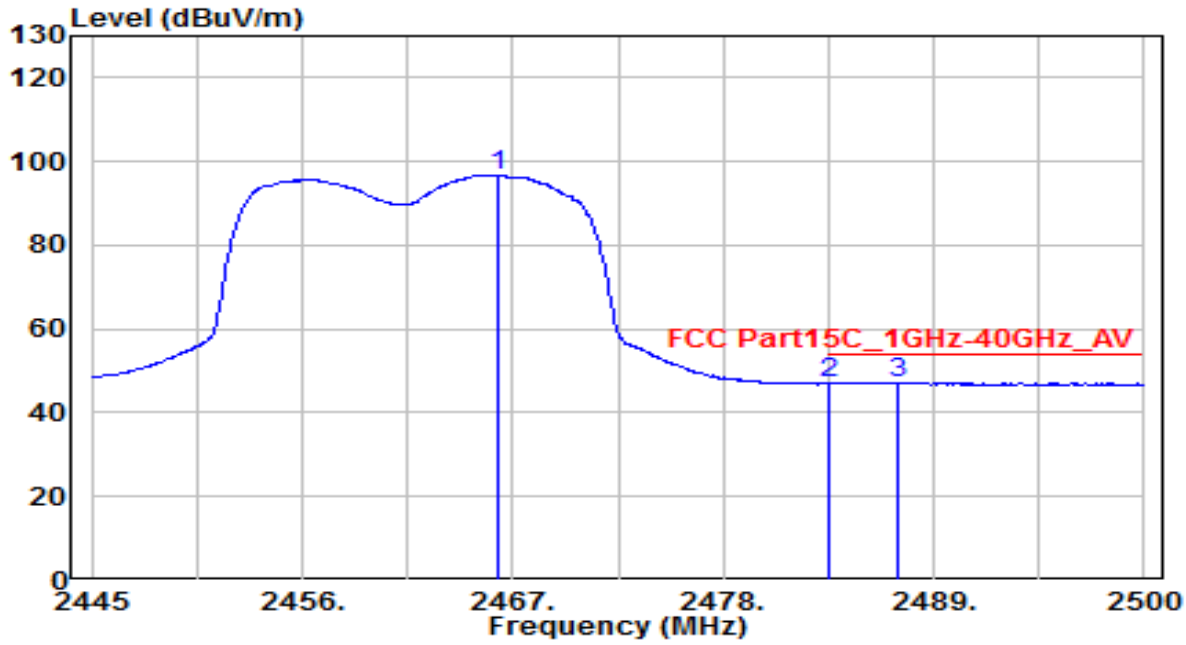


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2466.450	76.52	32.54	109.06	N/A	N/A	170	95	Peak
2		2483.500	26.30	32.61	58.91	-15.09	74.00	170	95	Peak
3	*	2486.525	28.76	32.62	61.38	-12.62	74.00	170	95	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0+1+2+3	Test Voltage	By PoE

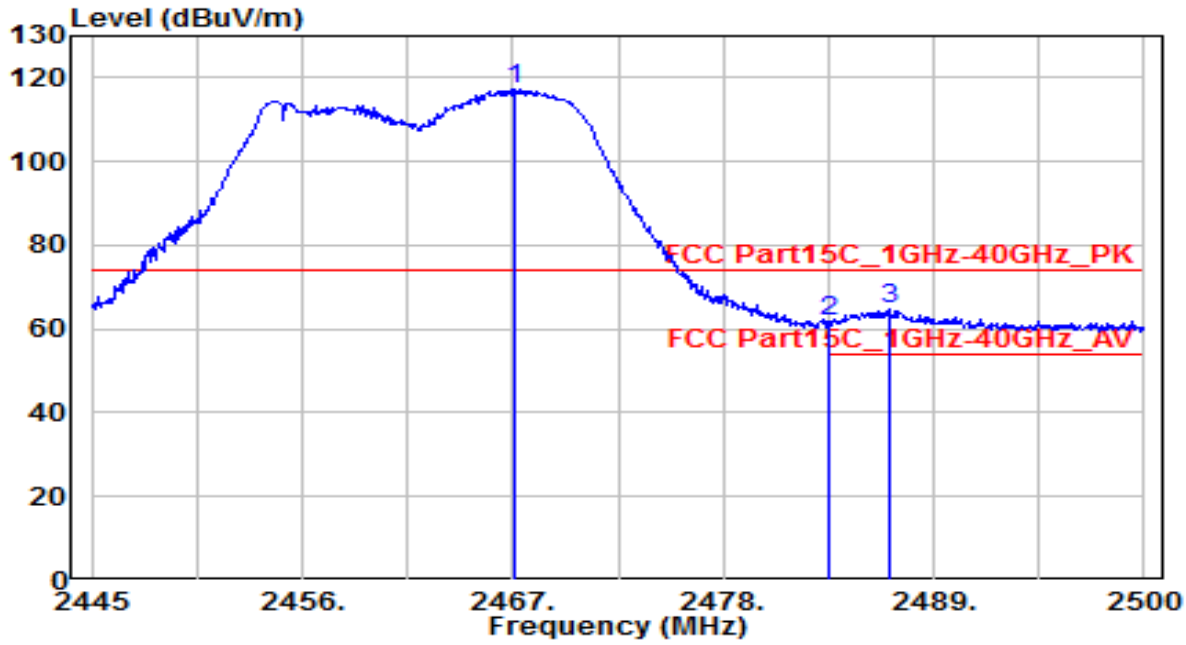


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2466.175	64.32	32.54	96.85	N/A	N/A	170	95	Average
2		2483.500	14.32	32.61	46.93	-7.07	54.00	170	95	Average
3	*	2487.075	14.61	32.63	47.23	-6.77	54.00	170	95	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0+1+2+3	Test Voltage	By PoE

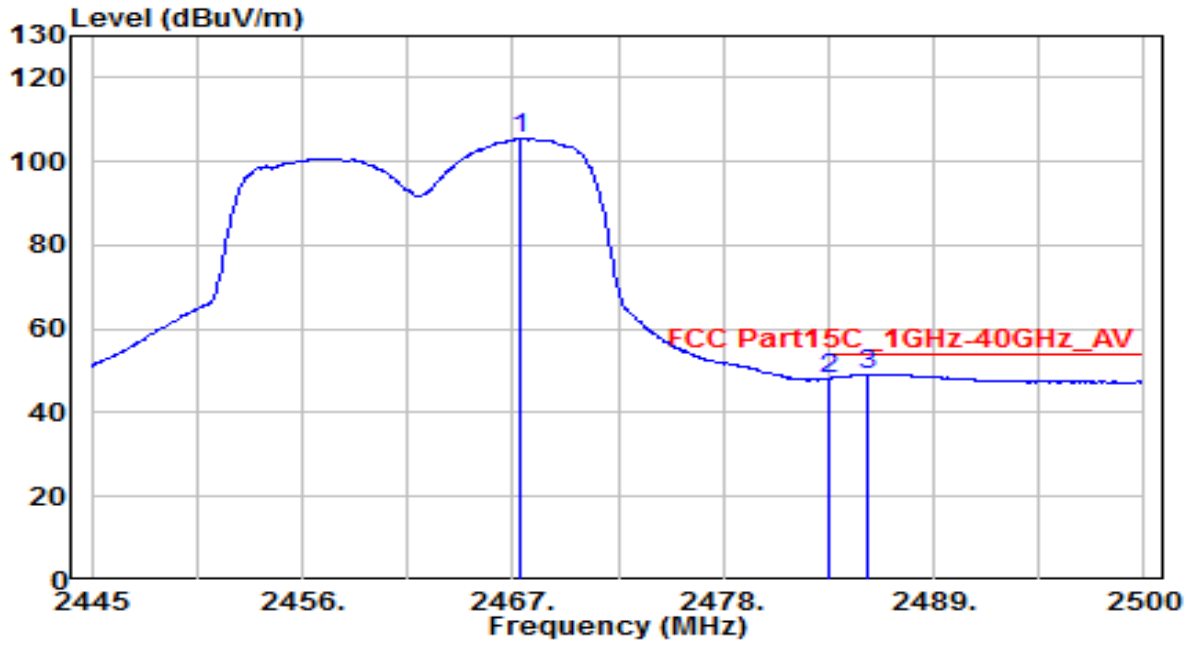


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2467.055	84.90	32.54	117.44	N/A	N/A	230	80	Peak
2		2483.500	29.21	32.61	61.82	-12.18	74.00	230	80	Peak
3	*	2486.635	31.97	32.62	64.59	-9.41	74.00	230	80	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0+1+2+3	Test Voltage	By PoE

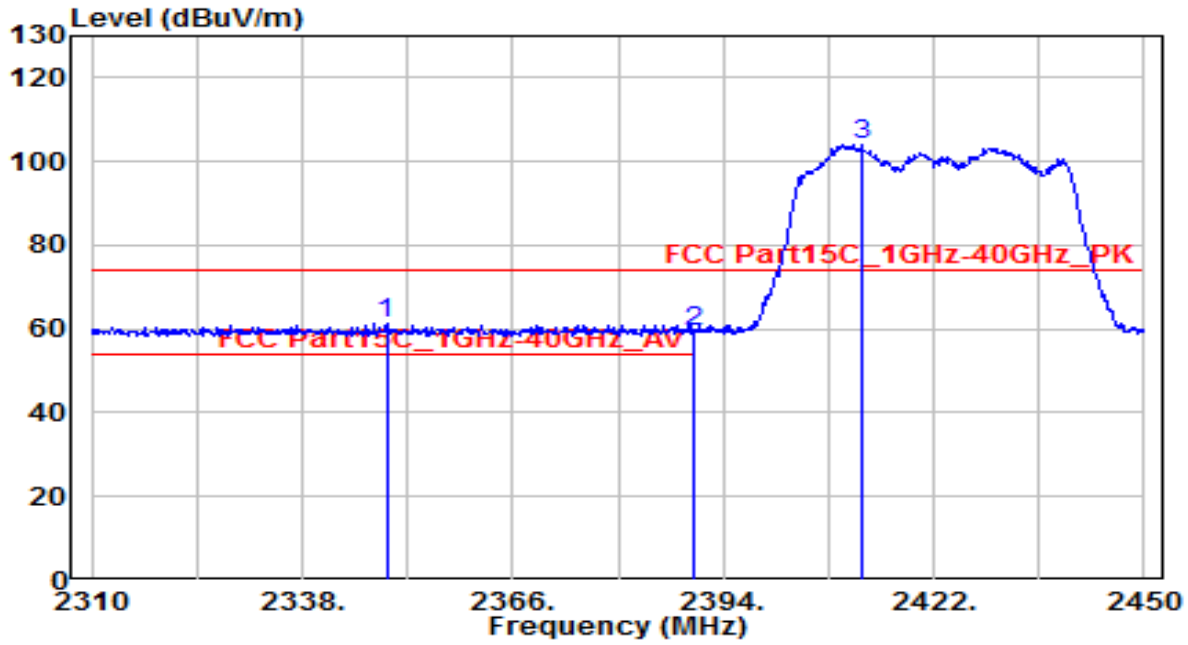


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2467.330	73.04	32.54	105.59	N/A	N/A	230	80	Average
2		2483.500	15.58	32.61	48.19	-5.81	54.00	230	80	Average
3	*	2485.480	16.58	32.62	49.20	-4.80	54.00	230	80	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0+1+2+3	Test Voltage	By PoE

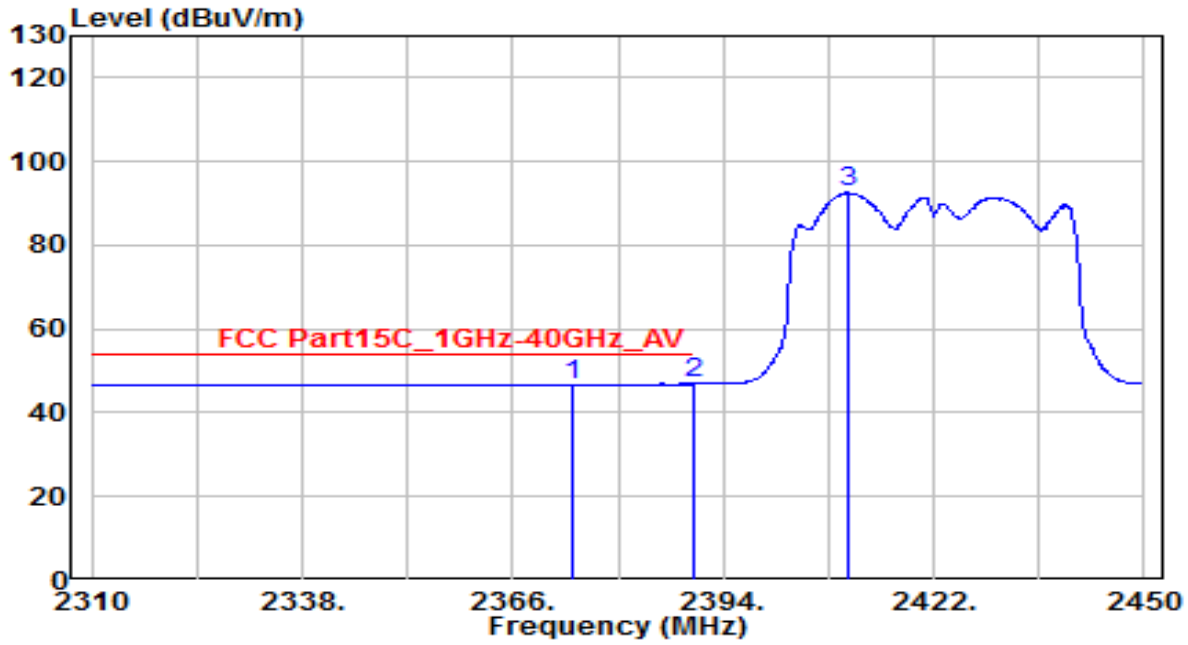


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2349.200	29.11	32.05	61.15	-12.85	74.00	170	100	Peak
2		2390.000	27.18	32.22	59.40	-14.60	74.00	170	100	Peak
3		2412.480	71.81	32.31	104.12	N/A	N/A	170	100	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0+1+2+3	Test Voltage	By PoE

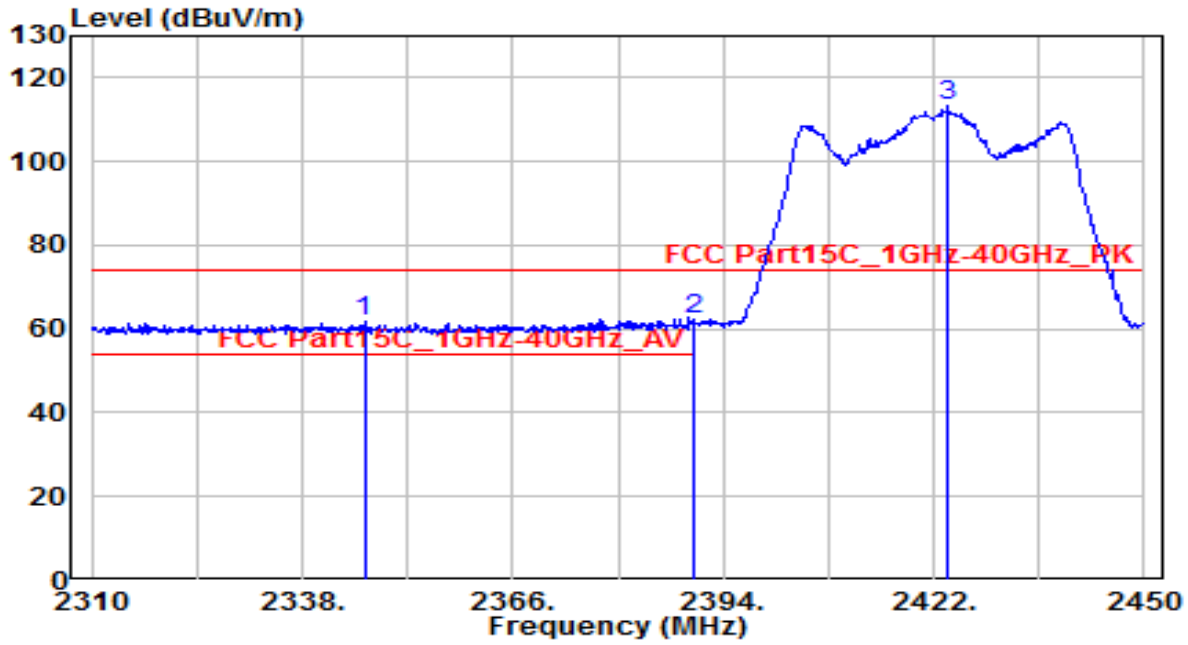


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2373.980	14.58	32.15	46.73	-7.27	54.00	170	100	Average
2	*	2390.000	14.76	32.22	46.98	-7.02	54.00	170	100	Average
3		2410.520	60.25	32.30	92.55	N/A	N/A	170	100	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0+1+2+3	Test Voltage	By PoE

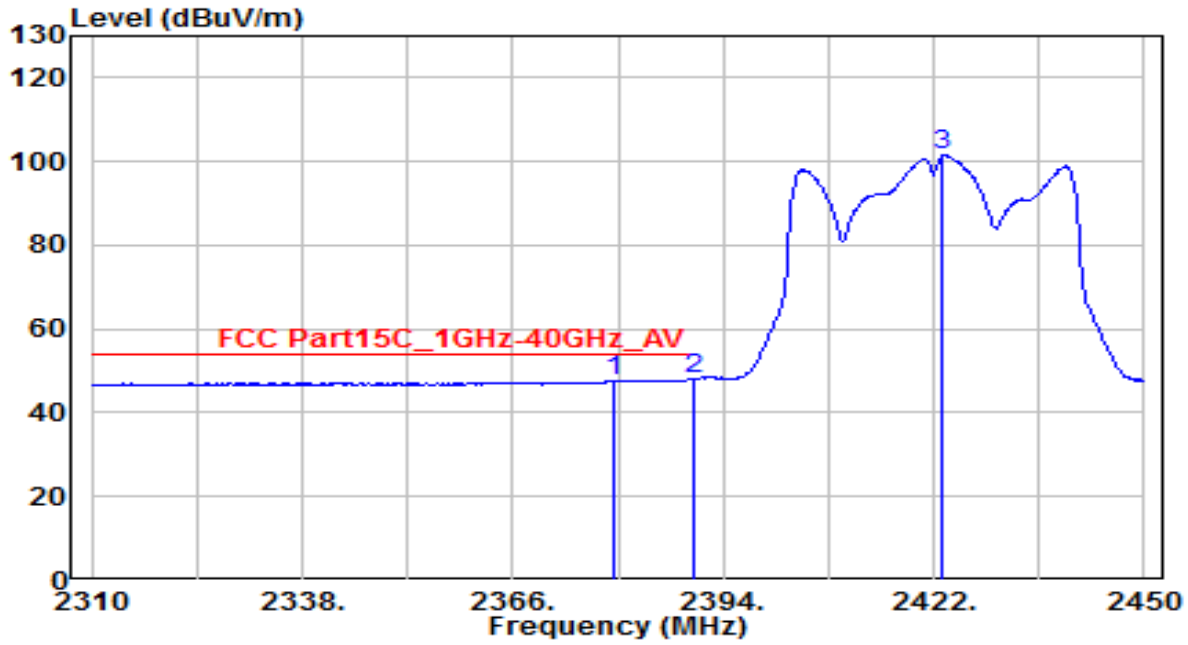


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2346.260	29.83	32.03	61.86	-12.14	74.00	260	85	Peak
2	*	2390.000	29.88	32.22	62.10	-11.90	74.00	260	85	Peak
3		2423.820	81.16	32.36	113.52	N/A	N/A	260	85	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0+1+2+3	Test Voltage	By PoE

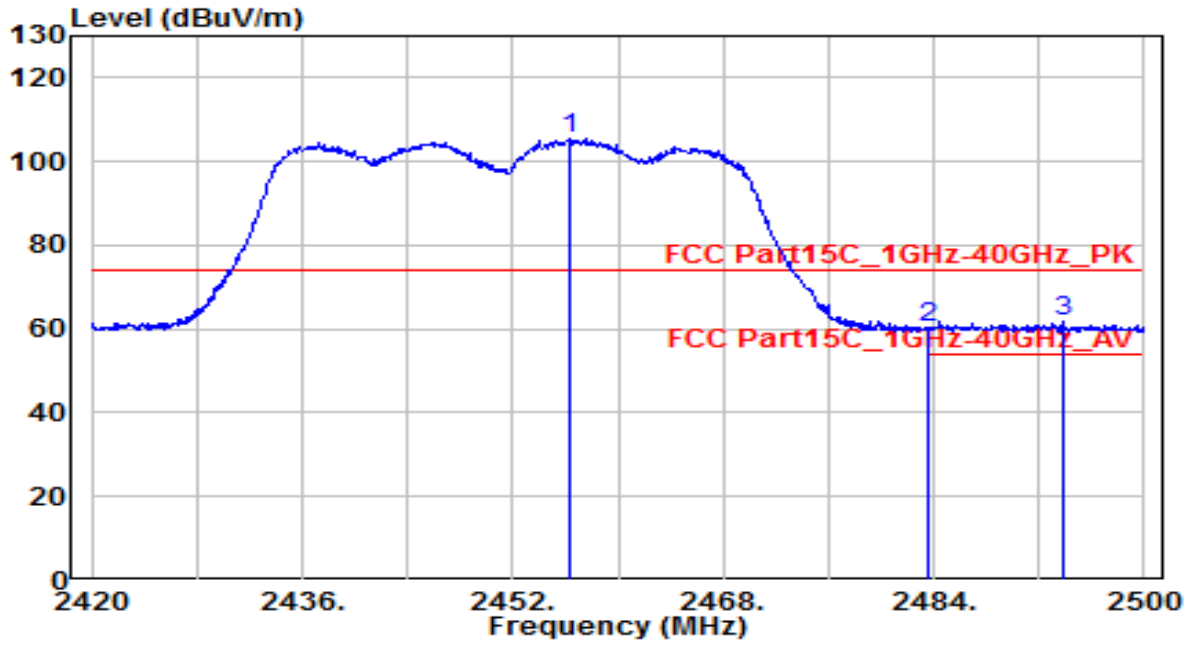


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2379.580	15.43	32.17	47.60	-6.40	54.00	260	85	Average
2	*	2390.000	15.86	32.22	48.08	-5.92	54.00	260	85	Average
3		2423.260	69.07	32.36	101.43	N/A	N/A	260	85	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0+1+2+3	Test Voltage	By PoE

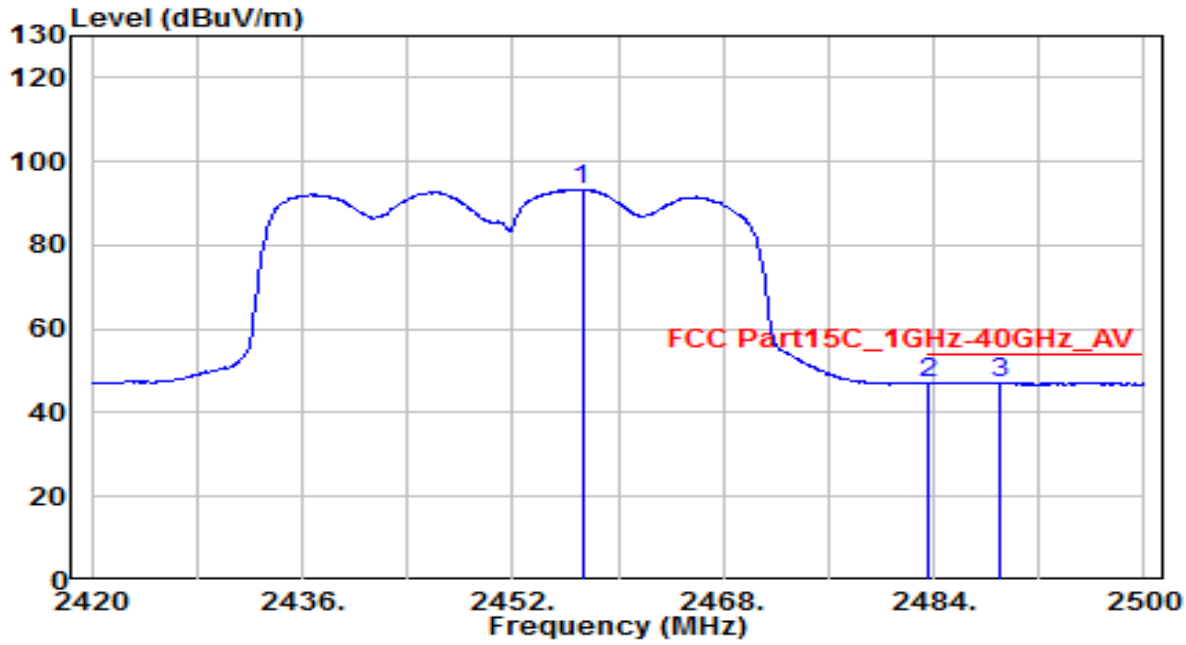


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2456.240	72.79	32.50	105.29	N/A	N/A	170	95	Peak
2		2483.500	27.53	32.61	60.14	-13.86	74.00	170	95	Peak
3	*	2493.760	29.18	32.65	61.83	-12.17	74.00	170	95	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0+1+2+3	Test Voltage	By PoE

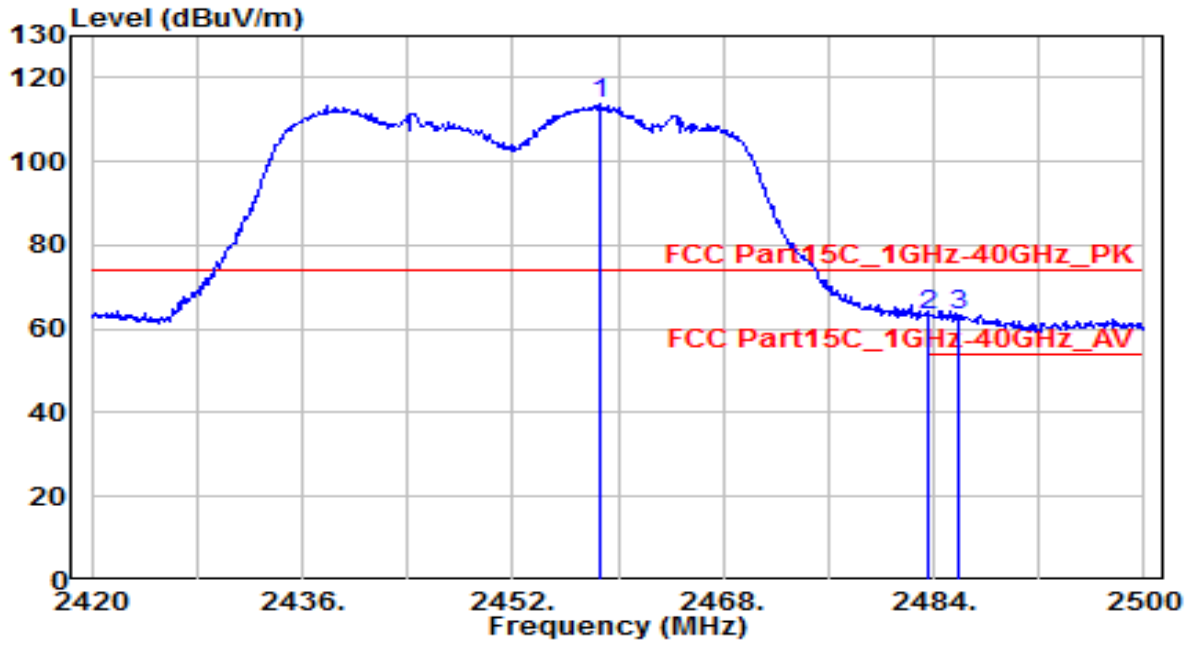


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2457.280	60.95	32.50	93.45	N/A	N/A	170	95	Average
2		2483.500	14.46	32.61	47.07	-6.93	54.00	170	95	Average
3	*	2489.040	14.49	32.63	47.13	-6.87	54.00	170	95	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0+1+2+3	Test Voltage	By PoE

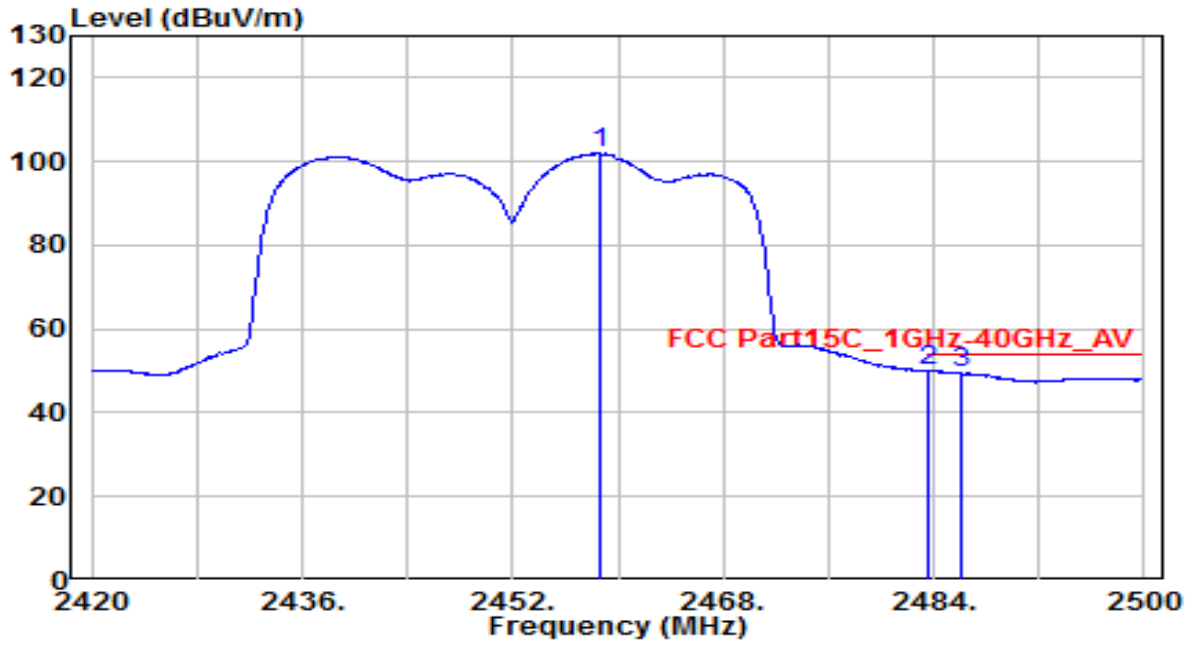


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2458.560	81.24	32.51	113.74	N/A	N/A	230	80	Peak
2		2483.500	30.49	32.61	63.10	-10.90	74.00	230	80	Peak
3	*	2485.920	30.87	32.62	63.50	-10.50	74.00	230	80	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0+1+2+3	Test Voltage	By PoE

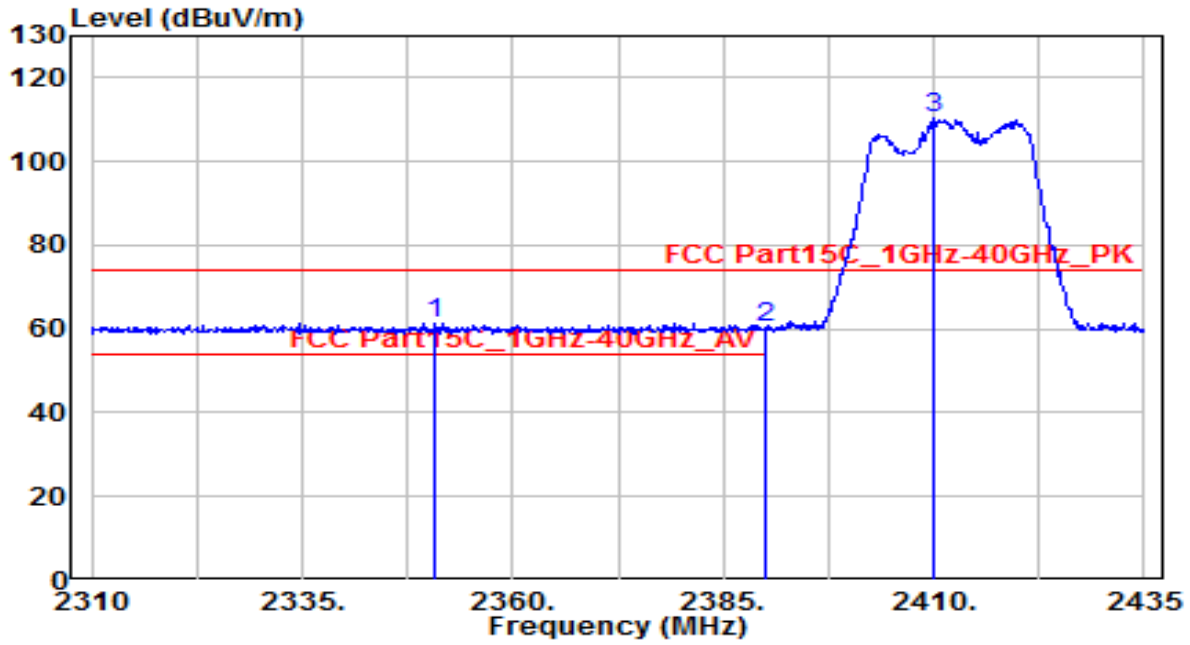


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2458.560	69.42	32.51	101.92	N/A	N/A	230	80	Average
2	*	2483.500	17.41	32.61	50.02	-3.98	54.00	230	80	Average
3		2486.080	16.97	32.62	49.59	-4.41	54.00	230	80	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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-AP1351	Date of Test	2021-05-15
Factor	BBHA 9120D	Temp. / Humidity	25°C /66%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_CH 1_ANT 0+1+2+3	Test Voltage	By PoE



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2350.875	29.20	32.05	61.25	-12.75	74.00	170	100	Peak
2		2390.000	27.95	32.22	60.17	-13.83	74.00	170	100	Peak
3		2410.125	77.98	32.30	110.28	N/A	N/A	170	100	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ 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.