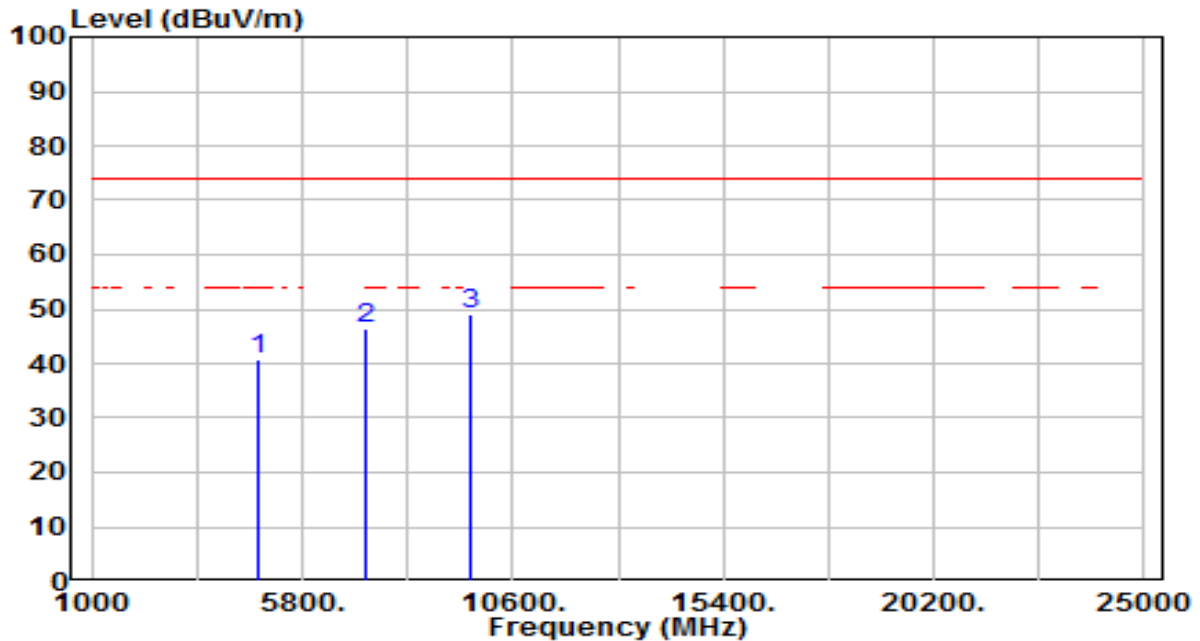


EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11g_TX_CH 1_ANT 0	Test Voltage	By Notebook PC

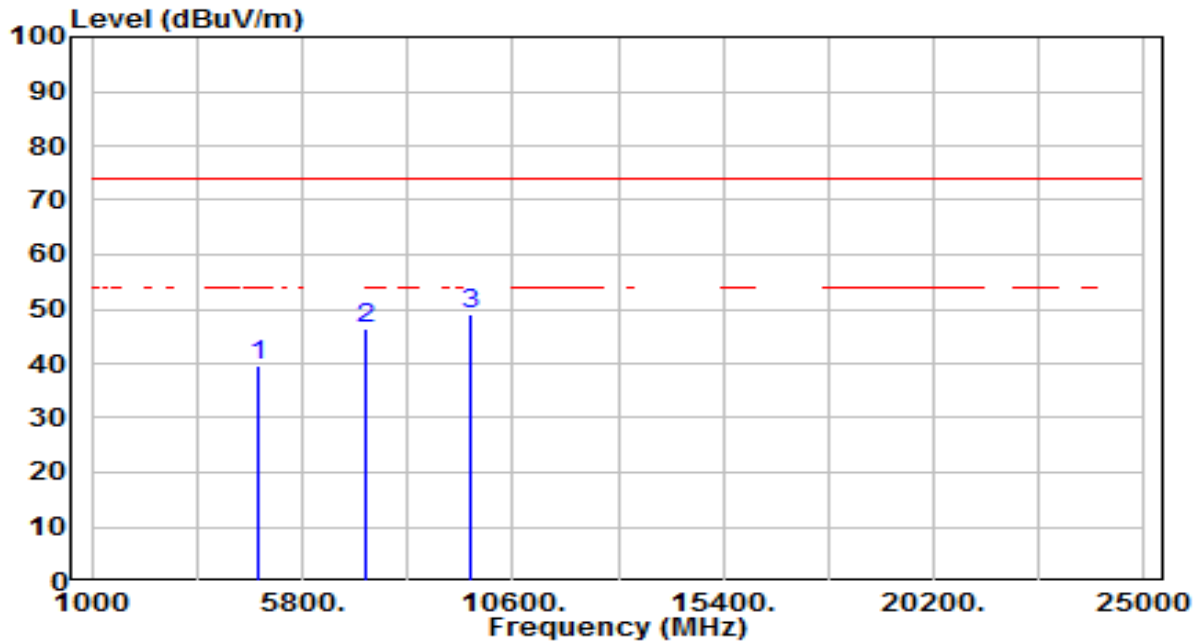


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4824.000	37.05	3.65	40.69	-33.31	74.00	150	360	Peak
2	7236.000	34.70	11.80	46.51	-27.49	74.00	150	360	Peak
3	* 9648.000	33.22	15.77	48.99	-25.01	74.00	150	360	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11g_TX_CH 1_ANT 0	Test Voltage	By Notebook PC

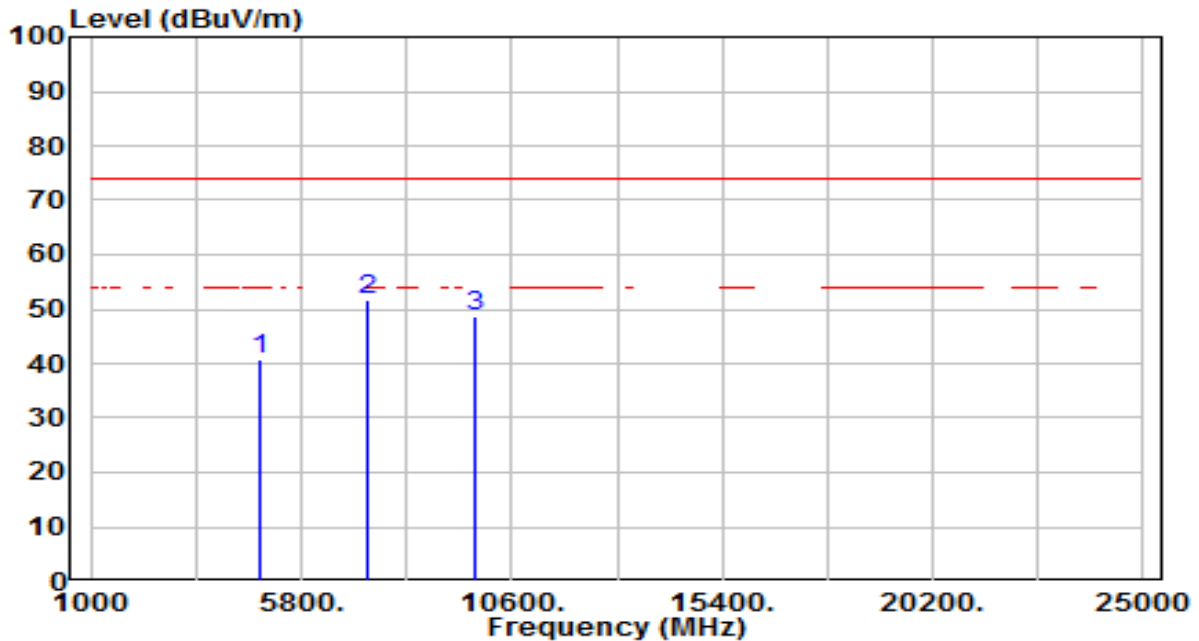


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4824.000	35.92	3.65	39.57	-34.43	74.00	150	360	Peak
2	7236.000	34.47	11.80	46.27	-27.73	74.00	150	360	Peak
3	* 9648.000	33.28	15.77	49.05	-24.95	74.00	150	360	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11g_TX_CH 6_ANT 0	Test Voltage	By Notebook PC

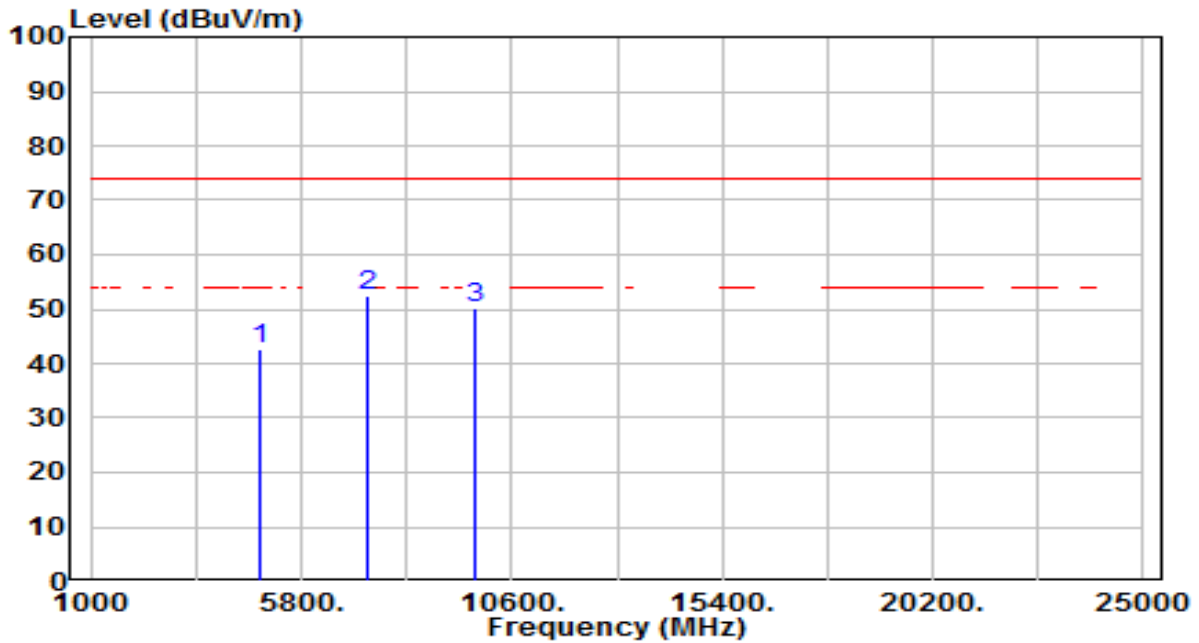


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4874.000	36.85	3.74	40.59	-33.41	74.00	150	360	Peak
2	* 7311.000	39.56	12.11	51.68	-22.32	74.00	150	360	Peak
3	9748.000	32.81	15.95	48.76	-25.24	74.00	150	360	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11g_TX_CH 6_ANT 0	Test Voltage	By Notebook PC

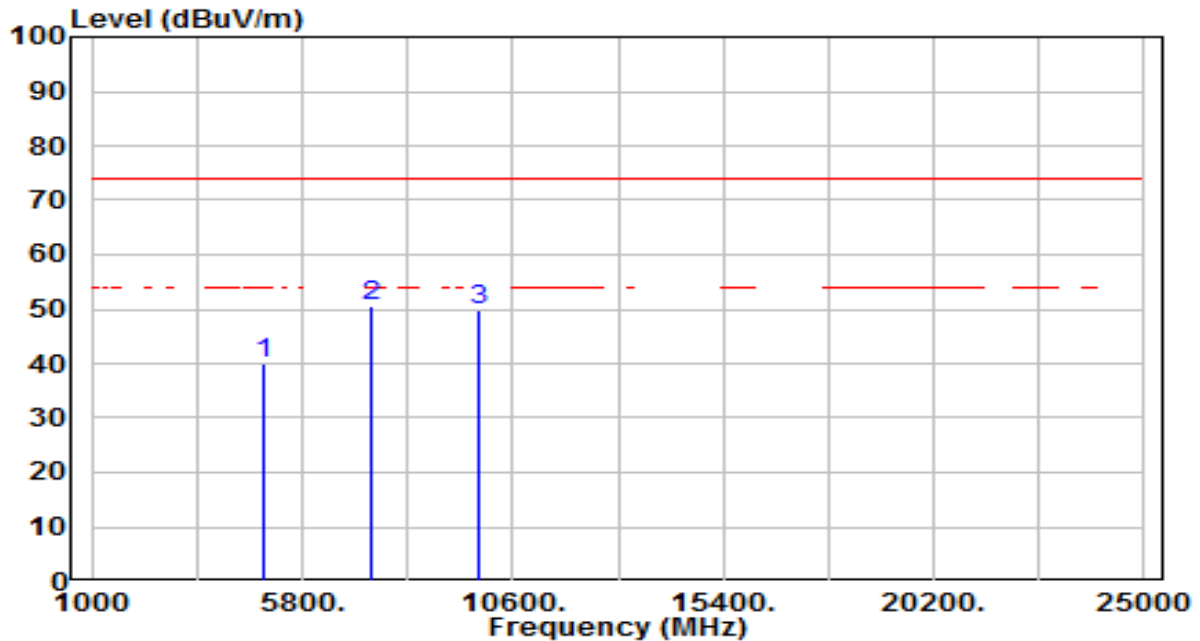


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4874.000	38.72	3.74	42.46	-31.54	74.00	150	360	Peak
2	* 7311.000	40.45	12.11	52.56	-21.44	74.00	150	360	Peak
3	9748.000	34.08	15.95	50.04	-23.96	74.00	150	360	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11g_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

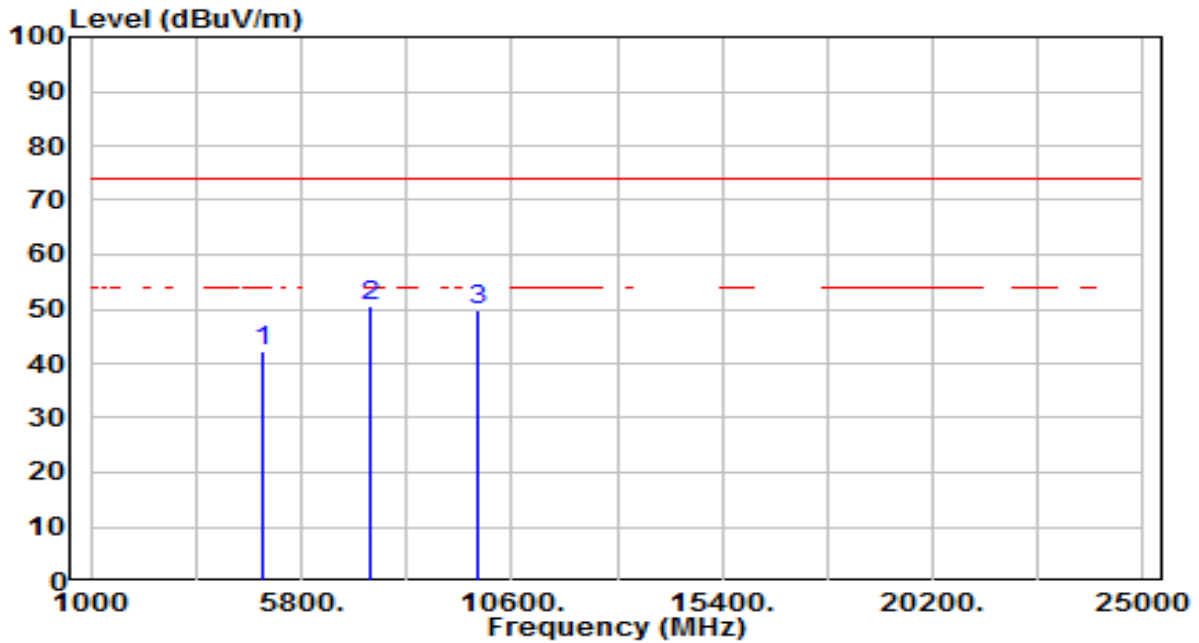


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4924.000	36.04	3.83	39.87	-34.13	74.00	150	360	Peak
2	* 7386.000	38.12	12.42	50.55	-23.45	74.00	150	360	Peak
3	9848.000	33.56	16.14	49.70	-24.30	74.00	150	360	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11g_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

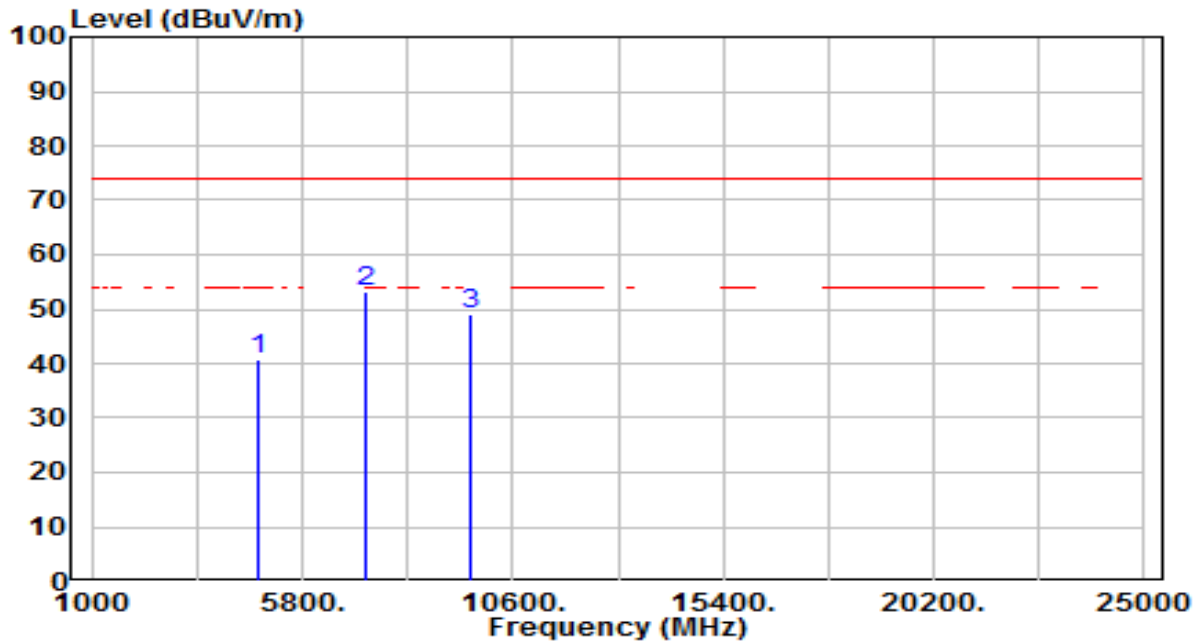


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4924.000	38.30	3.83	42.13	-31.87	74.00	150	360	Peak
2	* 7386.000	38.05	12.42	50.47	-23.53	74.00	150	360	Peak
3	9848.000	33.60	16.14	49.74	-24.26	74.00	150	360	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0	Test Voltage	By Notebook PC

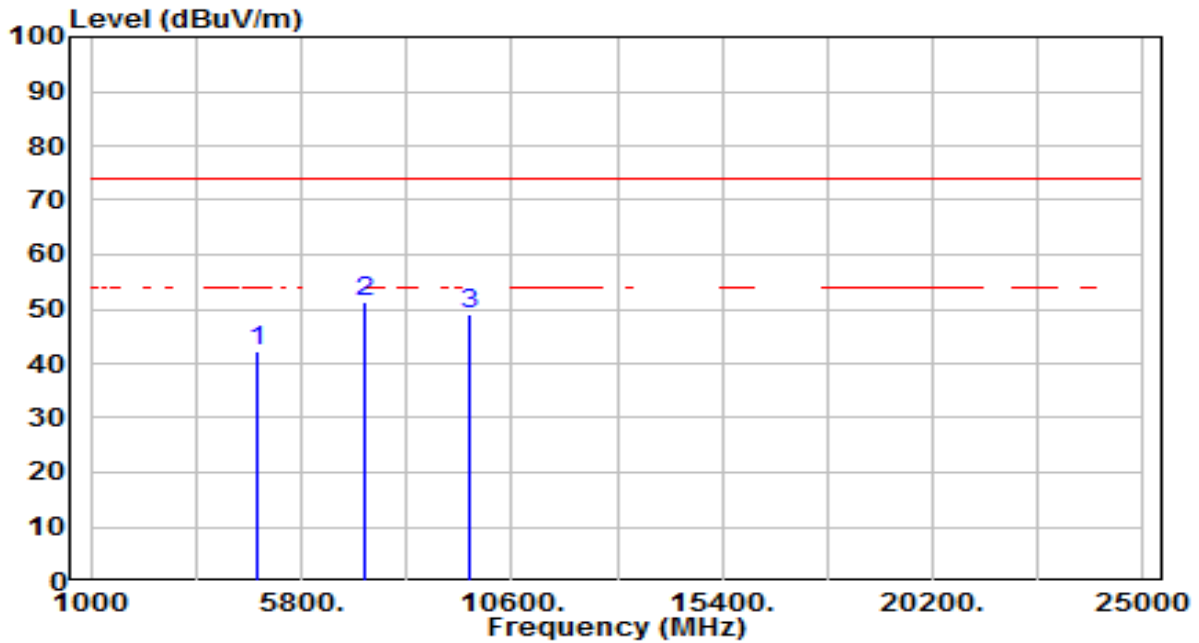


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4824.000	37.01	3.65	40.66	-33.34	74.00	150	360	Peak
2	* 7236.000	41.43	11.80	53.23	-20.77	74.00	150	360	Peak
3	9648.000	33.32	15.77	49.09	-24.91	74.00	150	360	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0	Test Voltage	By Notebook PC



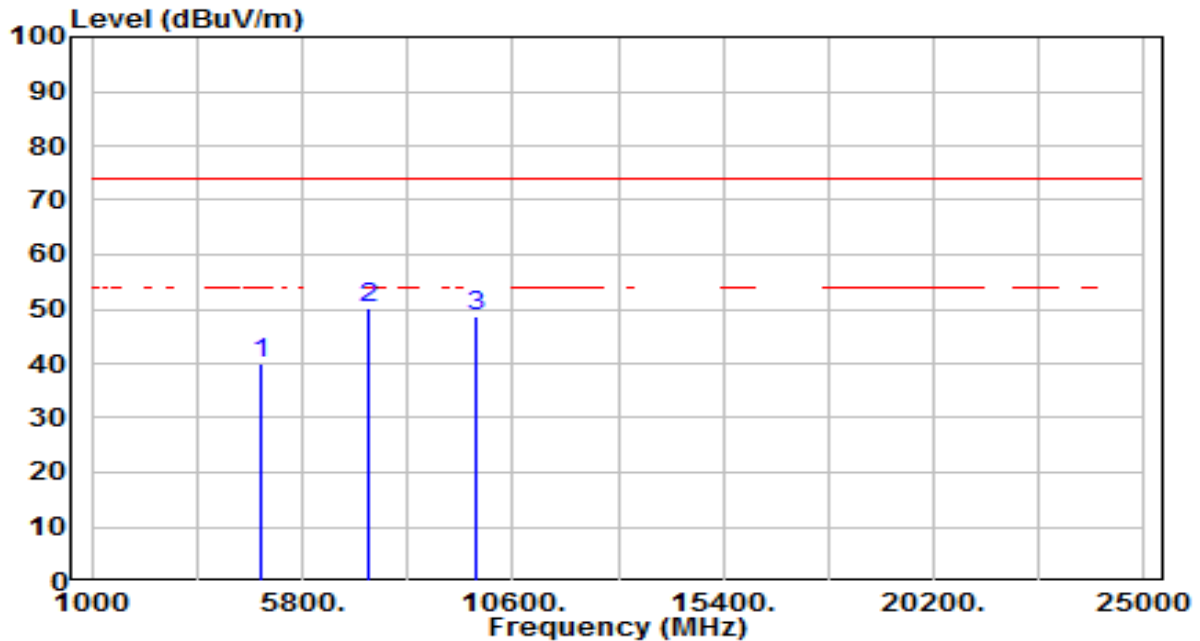
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4824.000	38.61	3.65	42.26	-31.74	74.00	150	360	Peak
2	* 7236.000	39.52	11.80	51.32	-22.68	74.00	150	360	Peak
3	9648.000	33.41	15.77	49.17	-24.83	74.00	150	360	Peak

Note:

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



EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0	Test Voltage	By Notebook PC

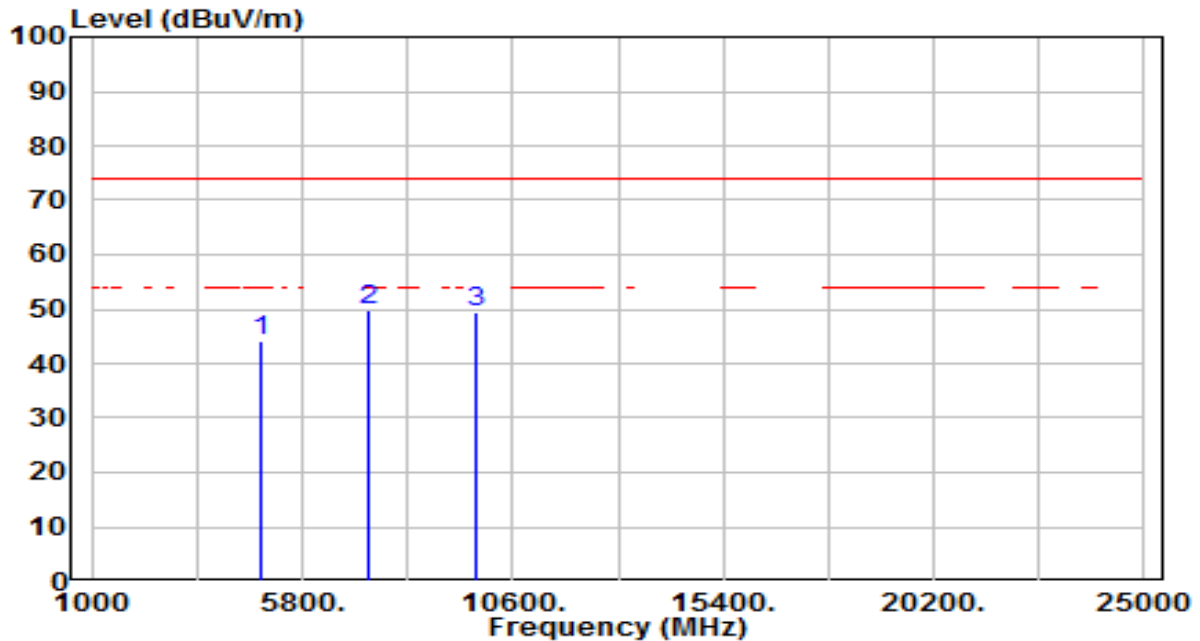


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4874.000	36.32	3.74	40.06	-33.94	74.00	150	360	Peak
2	* 7311.000	38.13	12.11	50.25	-23.75	74.00	150	360	Peak
3	9748.000	32.85	15.95	48.80	-25.20	74.00	150	360	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0	Test Voltage	By Notebook PC

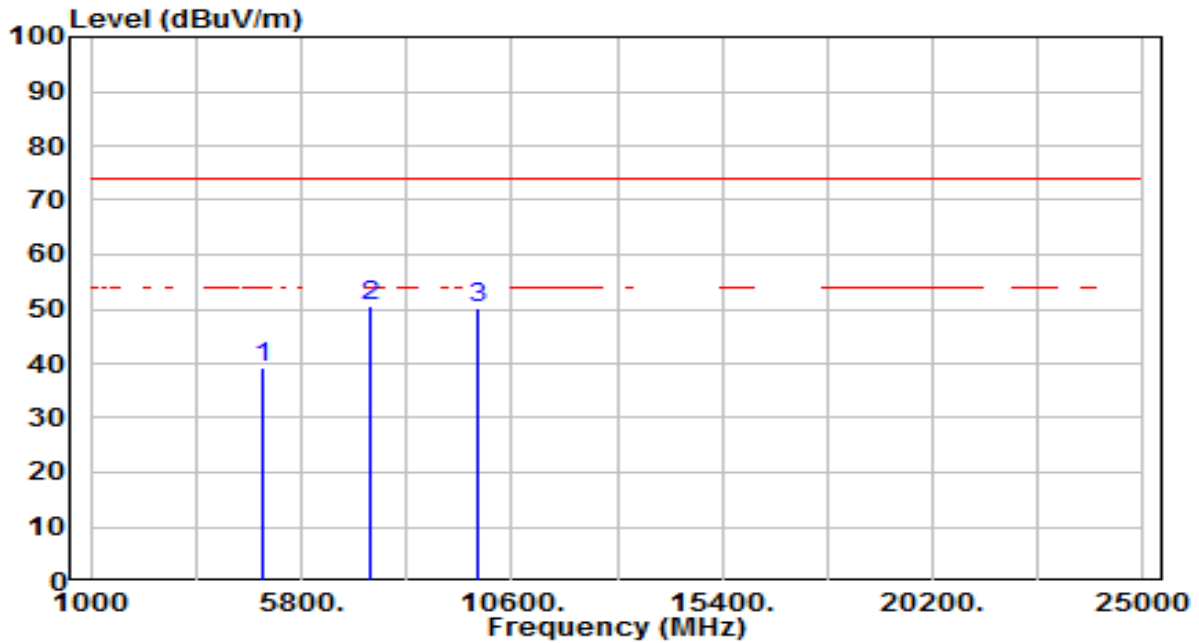


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4874.000	40.54	3.74	44.28	-29.72	74.00	150	360	Peak
2	* 7311.000	37.72	12.11	49.84	-24.16	74.00	150	360	Peak
3	9748.000	33.66	15.95	49.61	-24.39	74.00	150	360	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

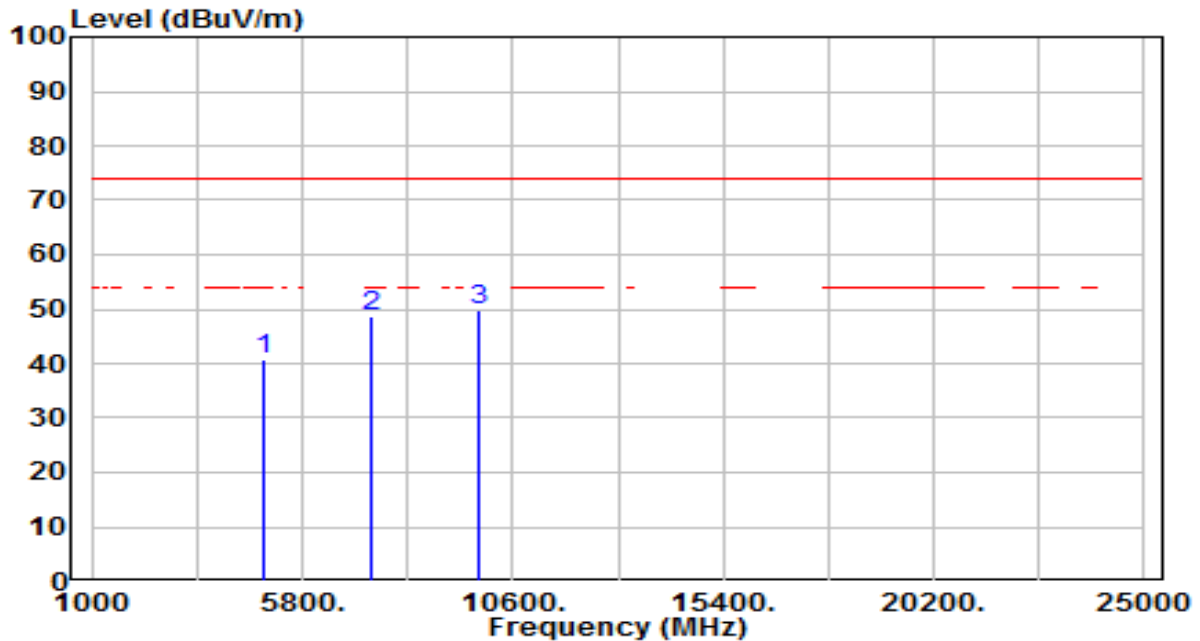


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4924.000	35.52	3.83	39.35	-34.65	74.00	150	360	Peak
2	* 7386.000	38.11	12.42	50.54	-23.46	74.00	150	360	Peak
3	9848.000	33.97	16.14	50.11	-23.89	74.00	150	360	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

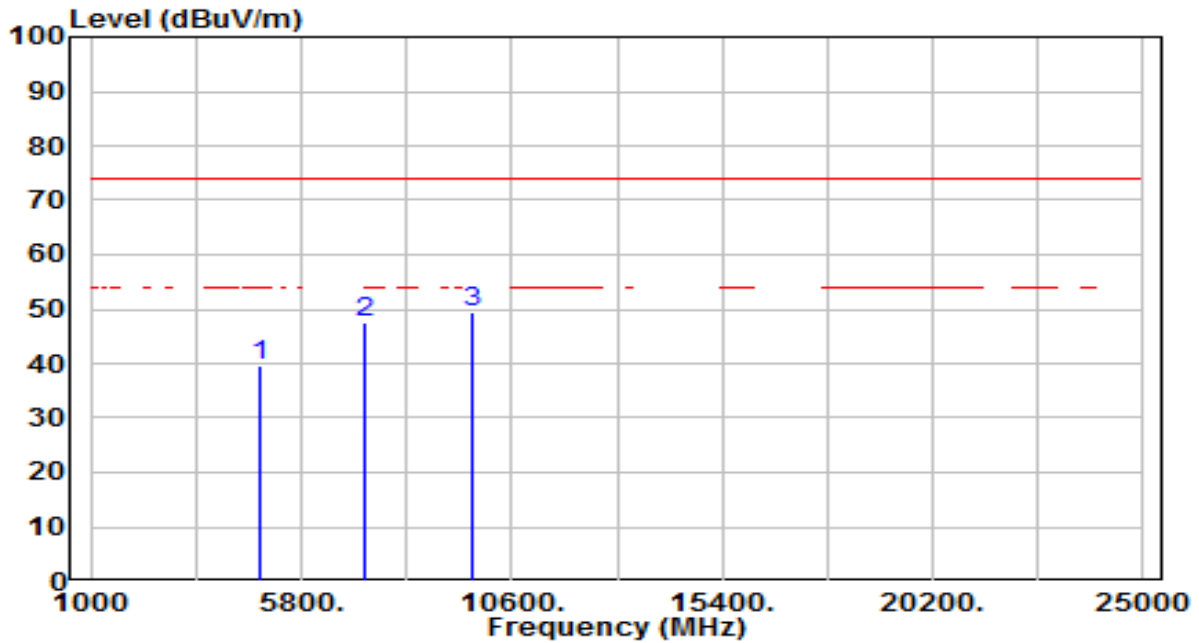


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4924.000	36.91	3.83	40.74	-33.26	74.00	150	360	Peak
2	7386.000	36.35	12.42	48.78	-25.22	74.00	150	360	Peak
3	* 9848.000	33.82	16.14	49.96	-24.04	74.00	150	360	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0	Test Voltage	By Notebook PC

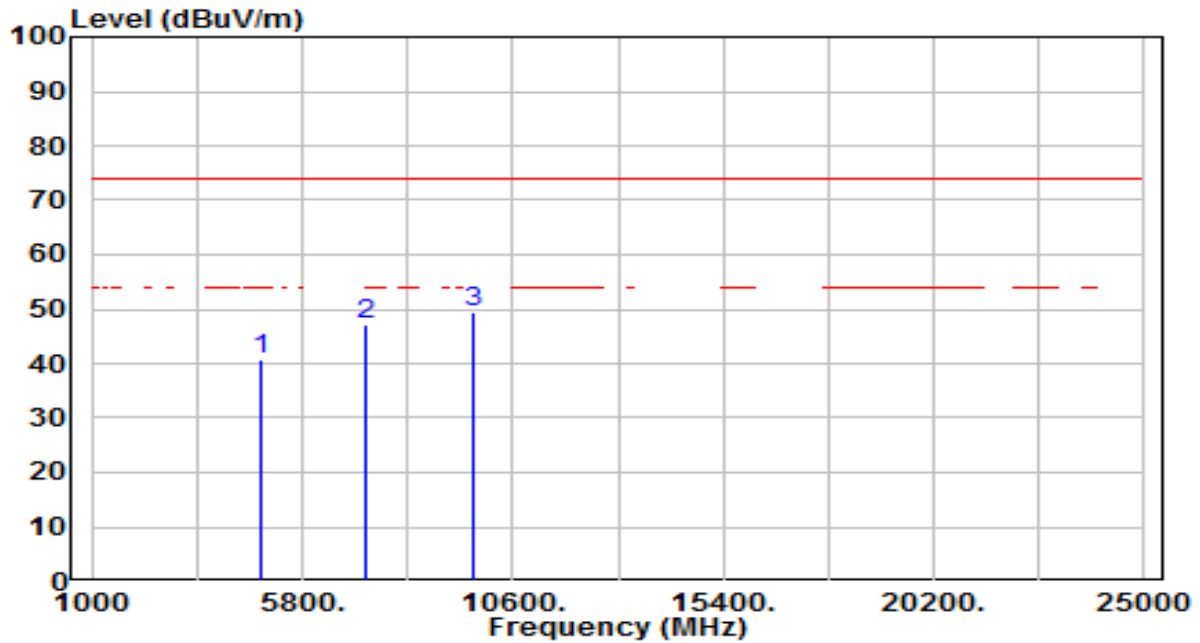


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4844.000	36.00	3.68	39.68	-34.32	74.00	150	360	Peak
2	7266.000	35.59	11.93	47.52	-26.48	74.00	150	360	Peak
3	* 9688.000	33.64	15.84	49.48	-24.52	74.00	150	360	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0	Test Voltage	By Notebook PC

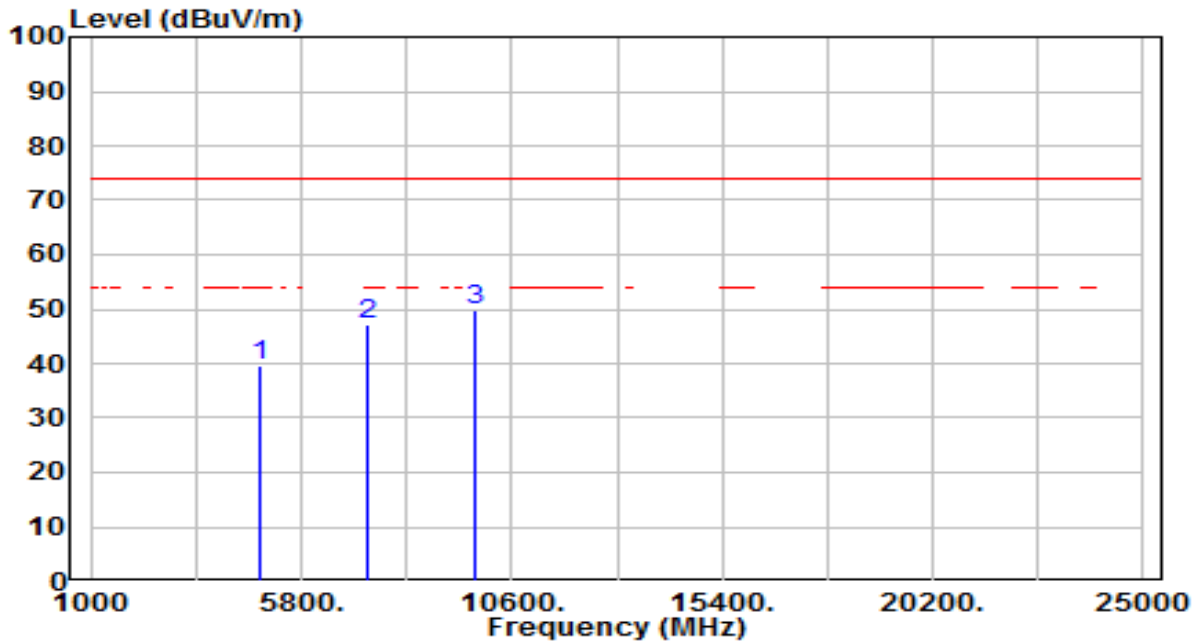


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4844.000	37.14	3.68	40.82	-33.18	74.00	150	360	Peak
2	7266.000	35.38	11.93	47.31	-26.69	74.00	150	360	Peak
3	* 9688.000	33.48	15.84	49.32	-24.68	74.00	150	360	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-40MHz_TX_CH 6_ANT 0	Test Voltage	By Notebook PC

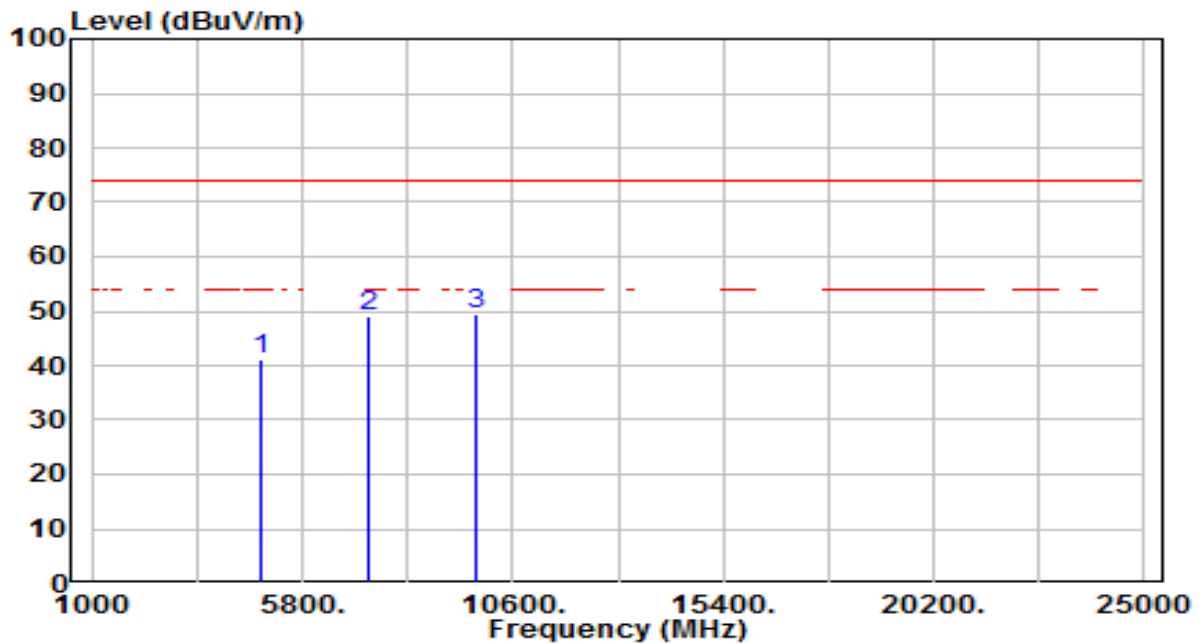


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4874.000	35.92	3.74	39.66	-34.34	74.00	150	360	Peak
2	7311.000	34.91	12.11	47.03	-26.97	74.00	150	360	Peak
3	* 9748.000	33.72	15.95	49.67	-24.33	74.00	150	360	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-40MHz_TX_CH 6_ANT 0	Test Voltage	By Notebook PC



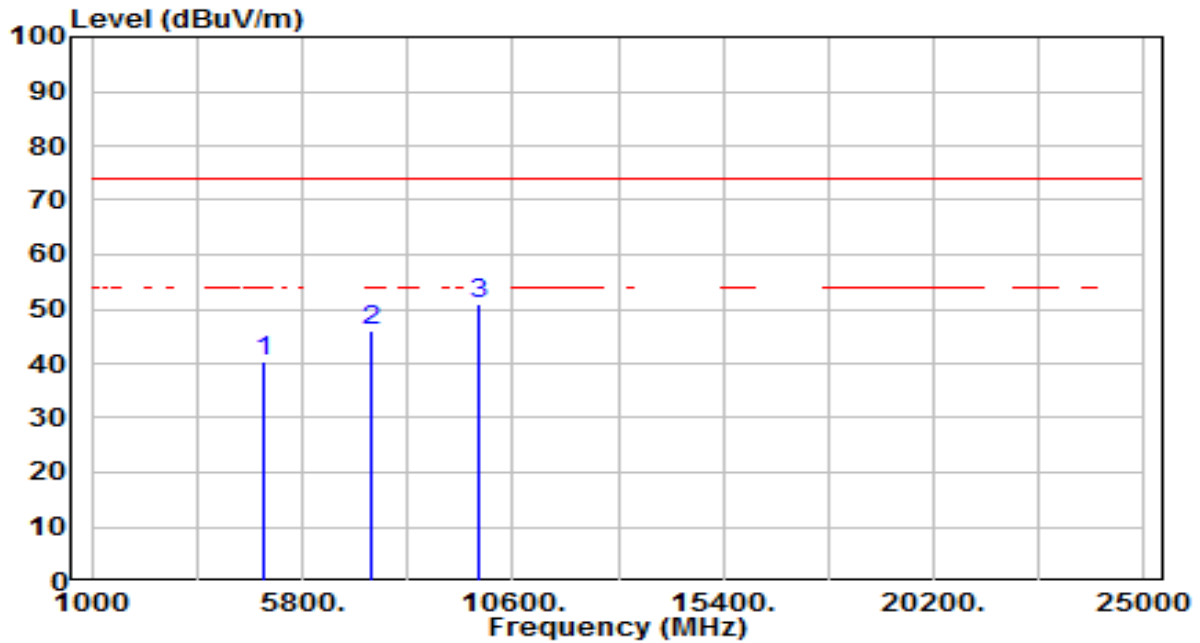
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4874.000	37.51	3.74	41.25	-32.75	74.00	150	360	Peak
2	7311.000	36.98	12.11	49.09	-24.91	74.00	150	360	Peak
3	* 9748.000	33.58	15.95	49.53	-24.47	74.00	150	360	Peak

Note:

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



EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0	Test Voltage	By Notebook PC

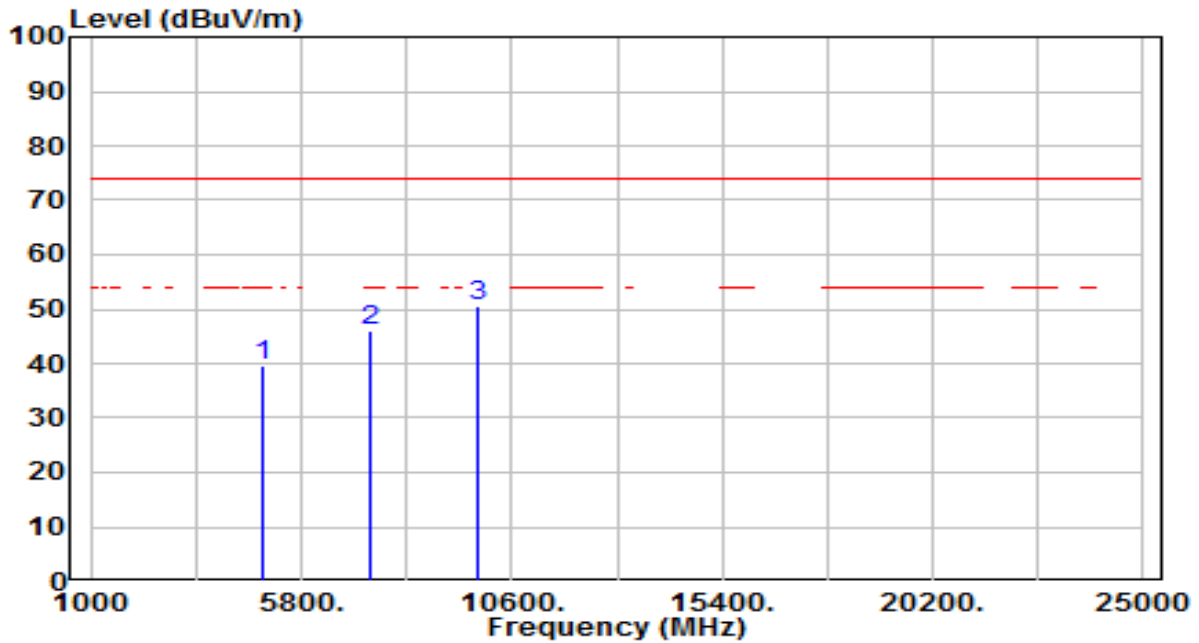


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4904.000	36.73	3.79	40.52	-33.48	74.00	150	360	Peak
2	7356.000	33.80	12.30	46.10	-27.90	74.00	150	360	Peak
3	* 9808.000	34.80	16.06	50.86	-23.14	74.00	150	360	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0	Test Voltage	By Notebook PC

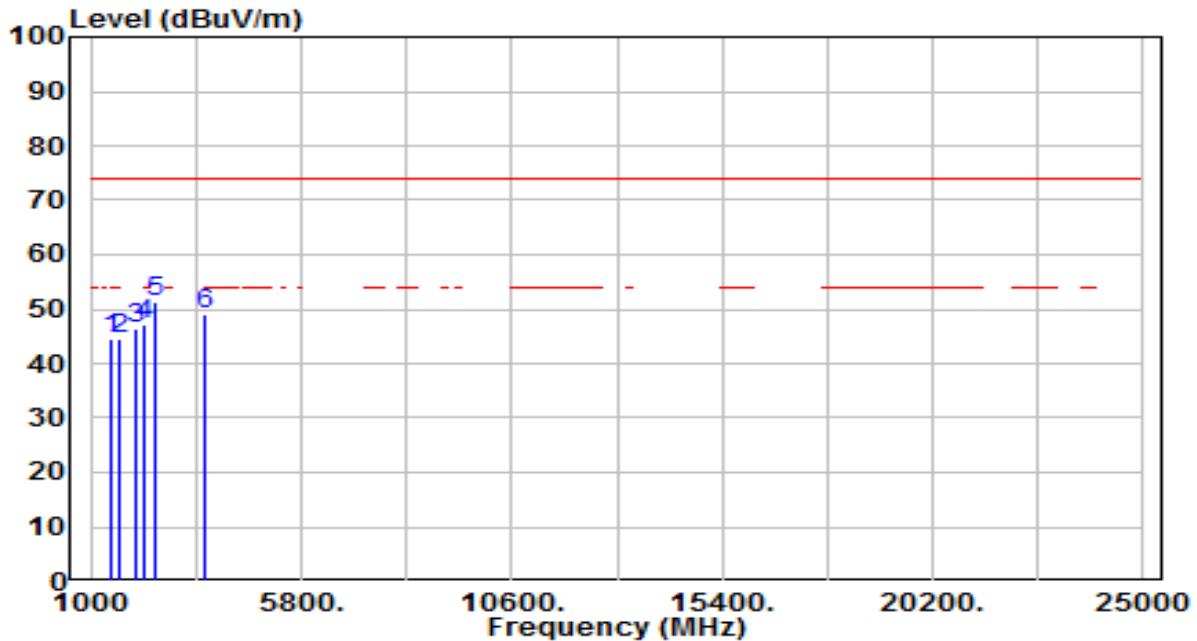


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4904.000	35.74	3.79	39.53	-34.47	74.00	150	360	Peak
2	7356.000	33.56	12.30	45.86	-28.14	74.00	150	360	Peak
3	* 9808.000	34.51	16.06	50.58	-23.42	74.00	150	360	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-20MHz_RX_CH 6_ANT 0	Test Voltage	By Notebook PC

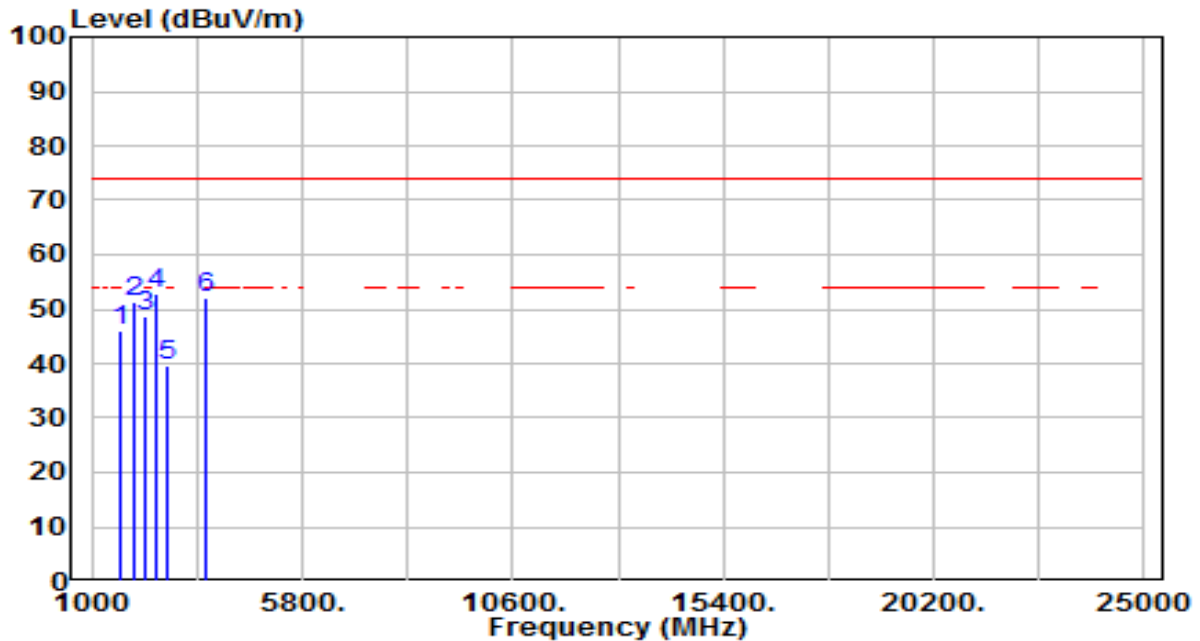


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	1439.875	49.14	-4.45	44.69	-29.31	74.00	150	360	Peak
2	1669.375	48.47	-3.88	44.59	-29.41	74.00	150	360	Peak
3	2003.531	49.75	-3.26	46.49	-27.51	74.00	150	360	Peak
4	2195.844	49.78	-2.65	47.13	-26.87	74.00	150	360	Peak
5	* 2460.406	53.07	-1.82	51.25	-22.75	74.00	150	360	Peak
6	3597.813	49.03	-0.01	49.02	-24.98	74.00	150	360	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-20MHz_RX_CH 6_ANT 0	Test Voltage	By Notebook PC



No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	1635.375	49.90	-3.95	45.95	-28.05	74.00	150	360	Peak
2	1996.625	54.78	-3.28	51.50	-22.50	74.00	150	360	Peak
3	2203.813	51.26	-2.63	48.64	-25.36	74.00	150	360	Peak
4	* 2463.594	54.56	-1.81	52.76	-21.24	74.00	150	360	Peak
5	2713.813	41.57	-1.80	39.77	-34.23	74.00	150	360	Peak
6	3590.375	51.96	-0.03	51.93	-22.07	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.

## 7.7. Radiated Restricted Band Edge Measurement

### 7.7.1. 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 [V/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

### 7.7.2. Test Procedure Used

ANSI C63.10-2013 Section 6.3 & 6.6 & 11.13

### 7.7.3. Test Setting

#### Peak Field Strength Measurements

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

- Trace was allowed to stabilize

**Table 1 - RBW as a function of frequency**

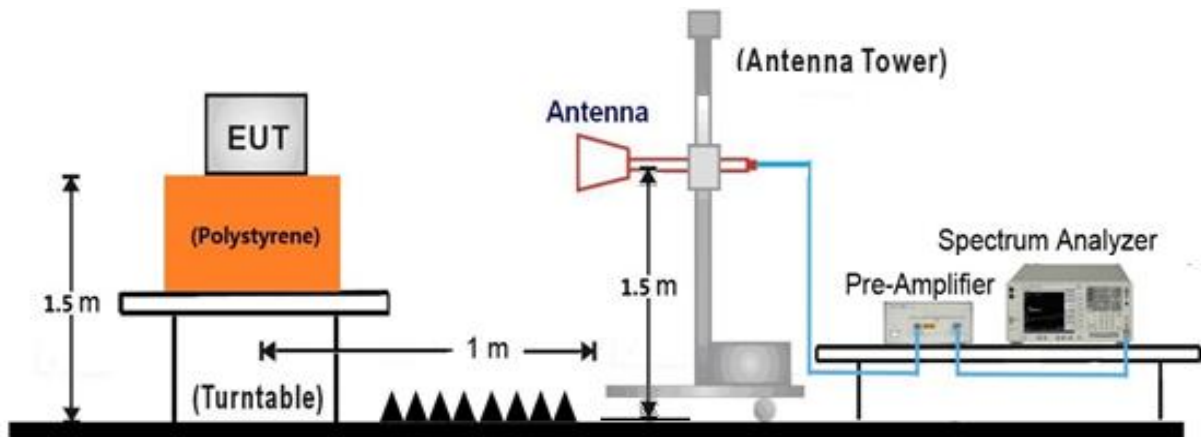
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

**Average Field Strength Measurements**

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

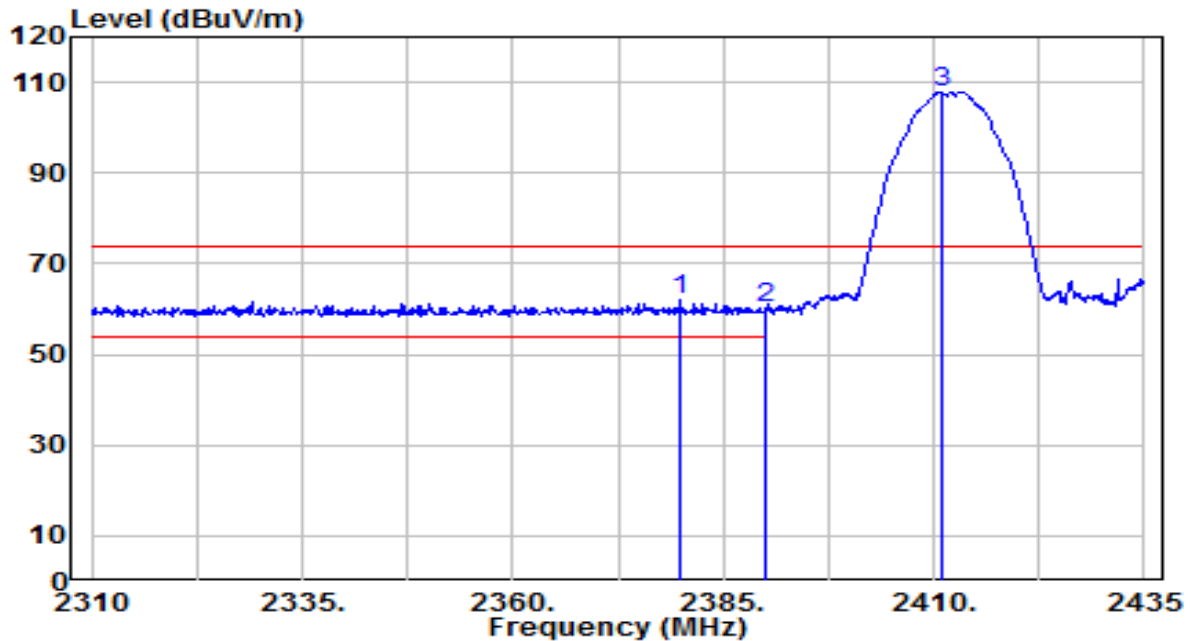
#### 7.7.4. Test Setup

1GHz ~ 18GHz Test Setup:



### 7.7.5. Test Result

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11b_TX_CH 1_ANT 0	Test Voltage	By Notebook PC



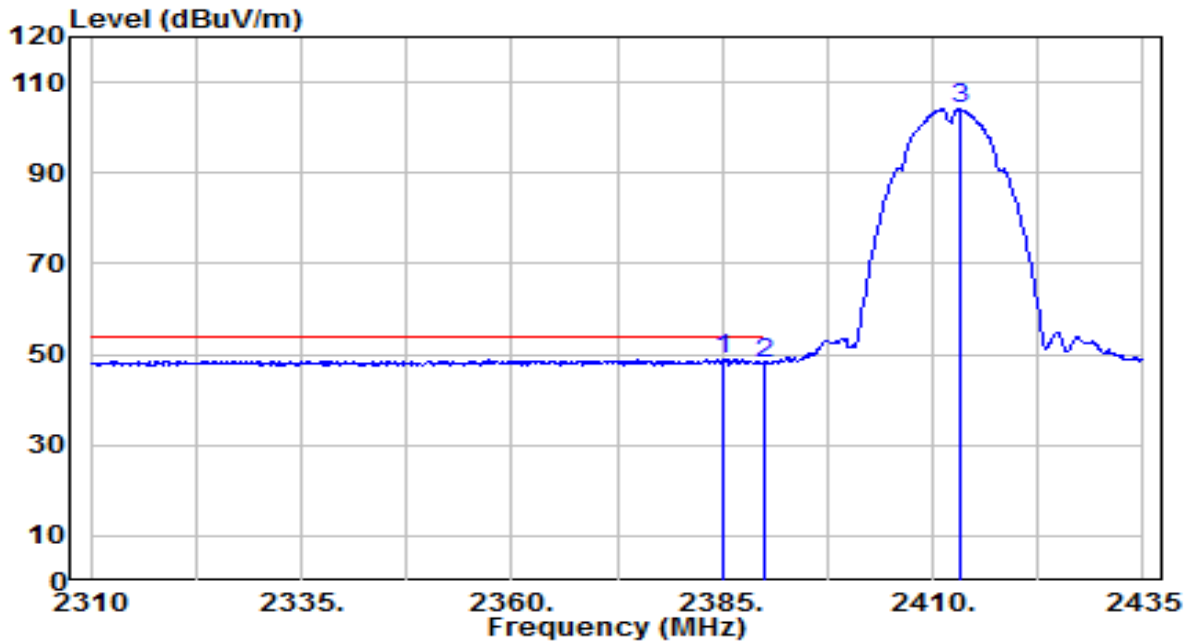
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 2380.000	29.80	32.25	62.05	-11.95	74.00	140	235	Peak
2	2390.000	28.16	32.28	60.44	-13.56	74.00	140	235	Peak
3	2410.875	75.57	32.36	107.93	N/A	N/A	140	235	Peak

Note:

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



EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11b_TX_CH 1_ANT 0	Test Voltage	By Notebook PC

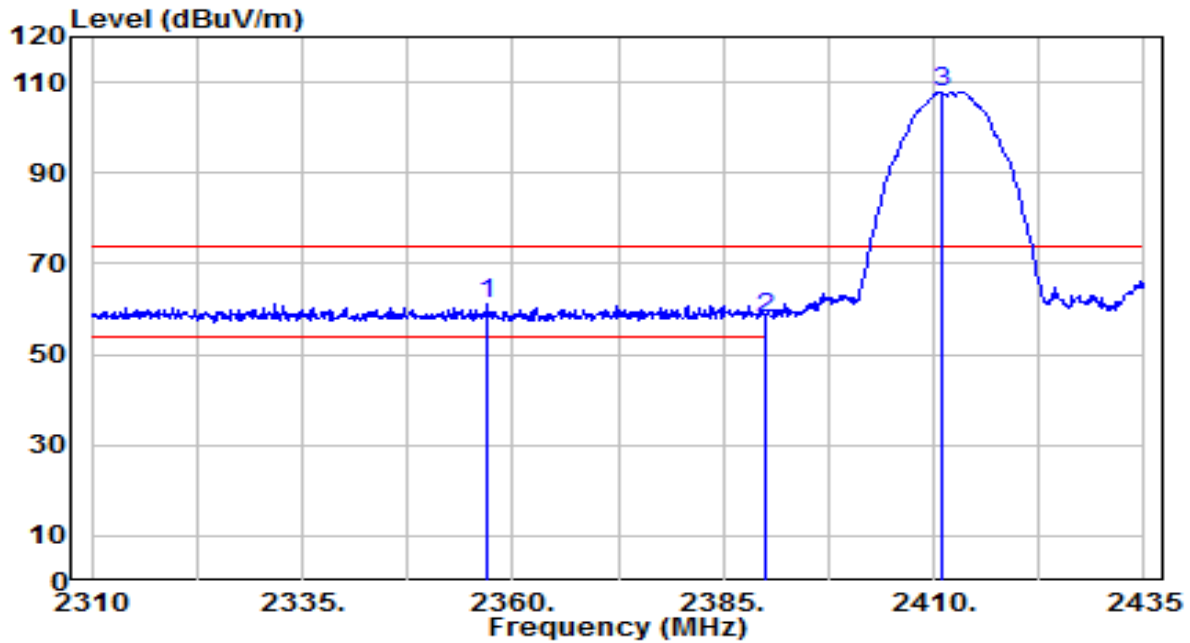


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 2385.250	16.72	32.27	48.98	-5.02	54.00	140	235	Average
2	2390.000	15.85	32.28	48.13	-5.87	54.00	140	235	Average
3	2413.125	71.70	32.37	104.07	N/A	N/A	140	235	Average

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11b_TX_CH 1_ANT 0	Test Voltage	By Notebook PC

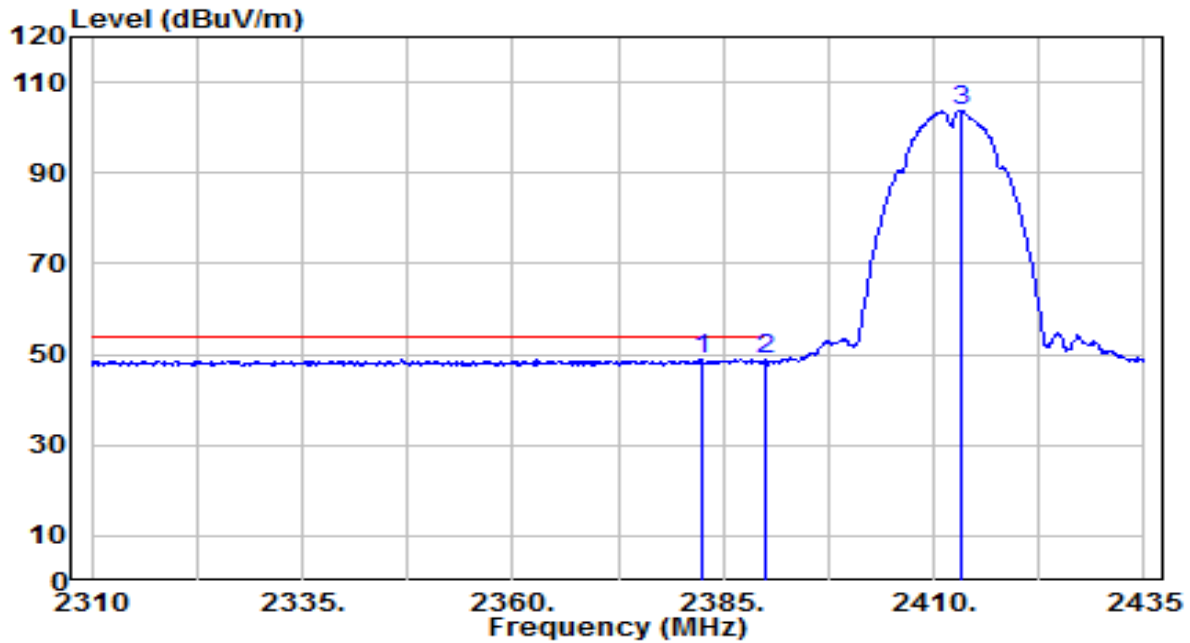


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 2357.000	28.79	32.17	60.96	-13.04	74.00	125	300	Peak
2	2390.000	25.82	32.28	58.11	-15.89	74.00	125	300	Peak
3	2410.875	75.54	32.36	107.90	N/A	N/A	125	300	Peak

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	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11b_TX_CH 1_ANT 0	Test Voltage	By Notebook PC

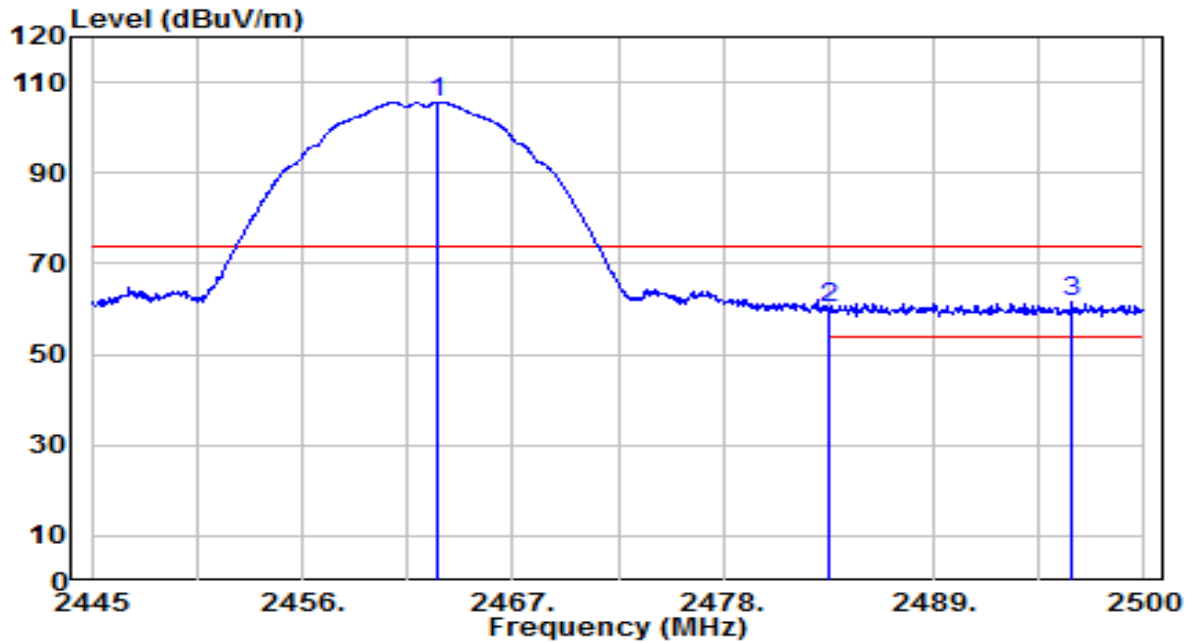


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 2382.625	16.60	32.26	48.86	-5.14	54.00	125	300	Average
2	2390.000	16.40	32.28	48.69	-5.31	54.00	125	300	Average
3	2413.250	71.45	32.37	103.81	N/A	N/A	125	300	Average

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	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11b_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

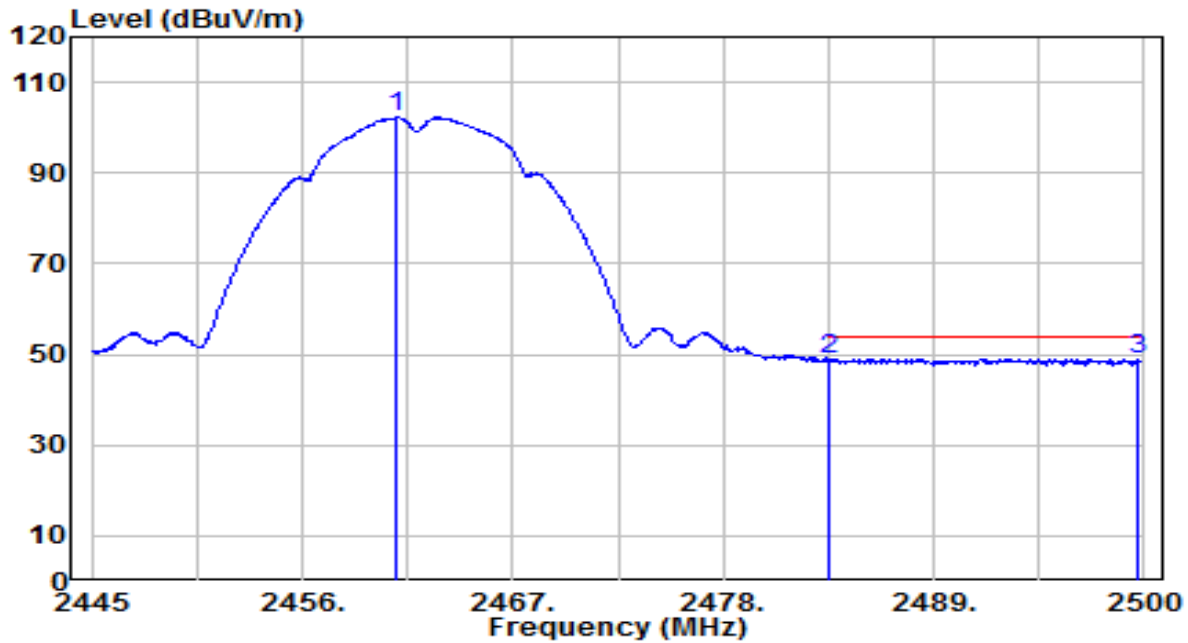


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.095	73.11	32.55	105.66	N/A	N/A	200	240	Peak
2	2483.500	27.57	32.62	60.19	-13.81	74.00	200	240	Peak
3	* 2496.260	28.80	32.67	61.46	-12.54	74.00	200	240	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11b_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

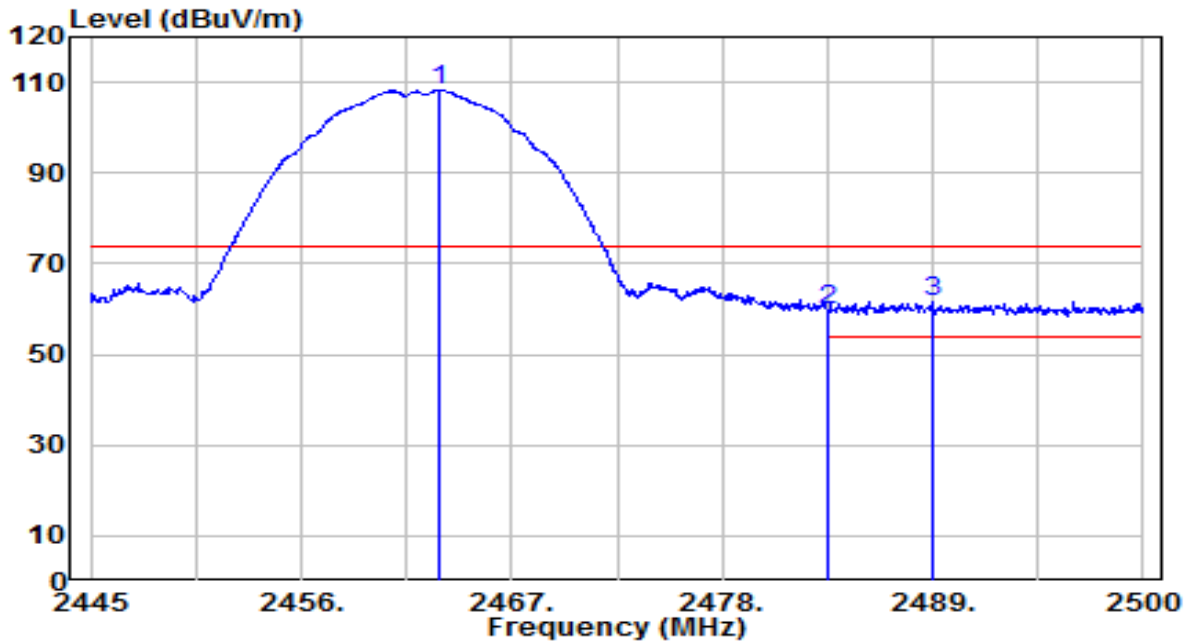


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2460.895	69.63	32.54	102.17	N/A	N/A	200	240	Average
2	2483.500	16.26	32.62	48.88	-5.12	54.00	200	240	Average
3	* 2499.725	16.37	32.68	49.04	-4.96	54.00	200	240	Average

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11b_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

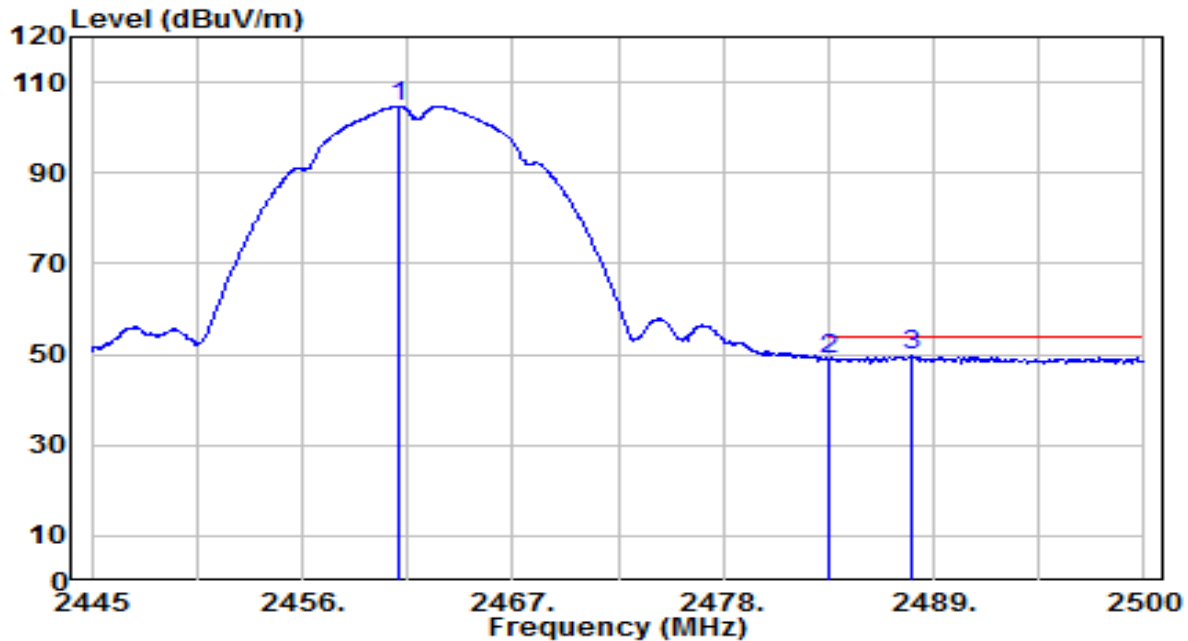


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.205	75.65	32.55	108.19	N/A	N/A	160	310	Peak
2	2483.500	27.08	32.62	59.70	-14.30	74.00	160	310	Peak
3	* 2488.945	28.90	32.64	61.54	-12.46	74.00	160	310	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11b_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

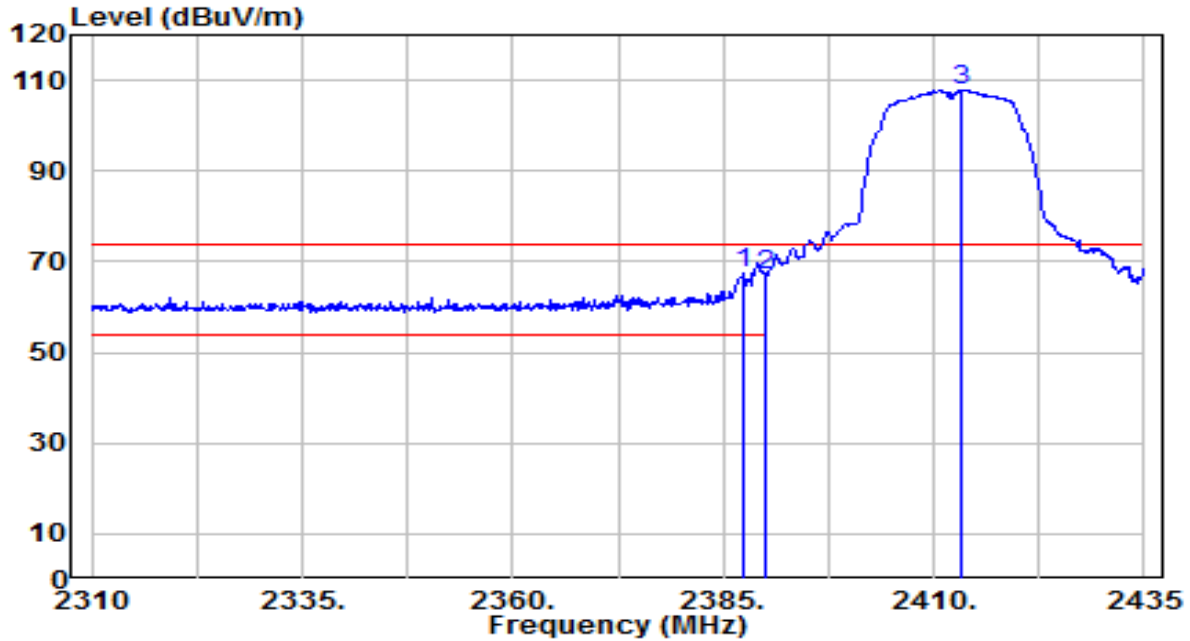


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2461.005	72.12	32.54	104.66	N/A	N/A	160	310	Average
2	2483.500	16.36	32.62	48.98	-5.02	54.00	160	310	Average
3	* 2487.845	17.00	32.64	49.64	-4.36	54.00	160	310	Average

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	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11g_TX_CH 1_ANT 0	Test Voltage	By Notebook PC



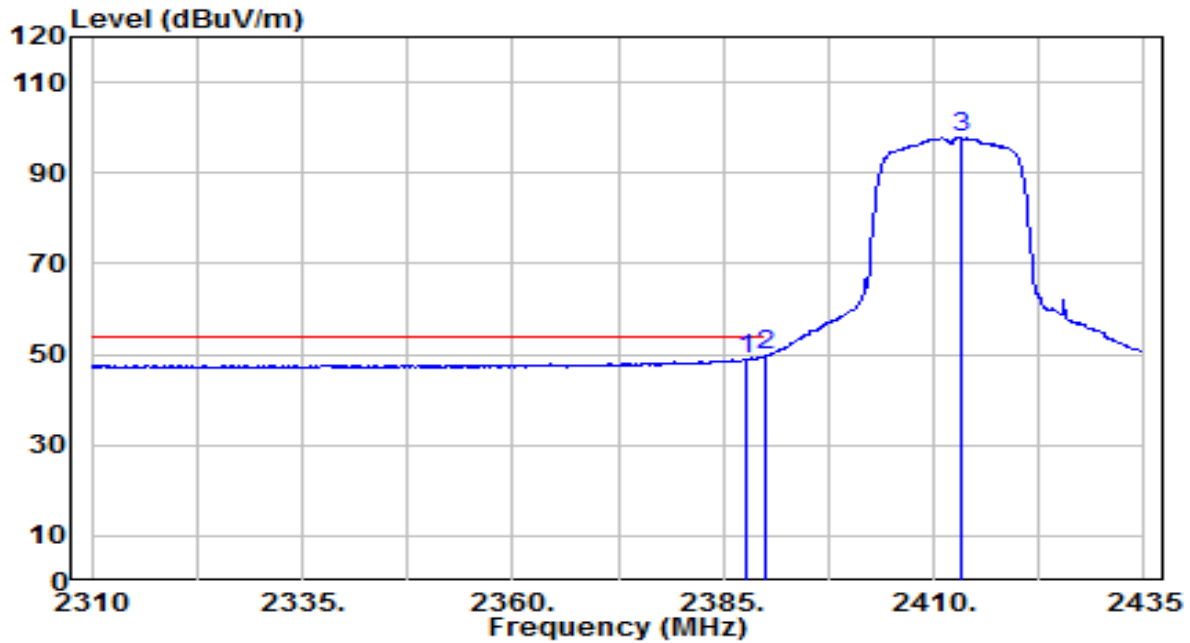
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	2387.375	35.24	32.27	67.51	-6.49	74.00	140	235	Peak
2		2390.000	34.90	32.28	67.19	-6.81	74.00	140	235	Peak
3		2413.375	75.48	32.37	107.85	N/A	N/A	140	235	Peak

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	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11g_TX_CH 1_ANT 0	Test Voltage	By Notebook PC

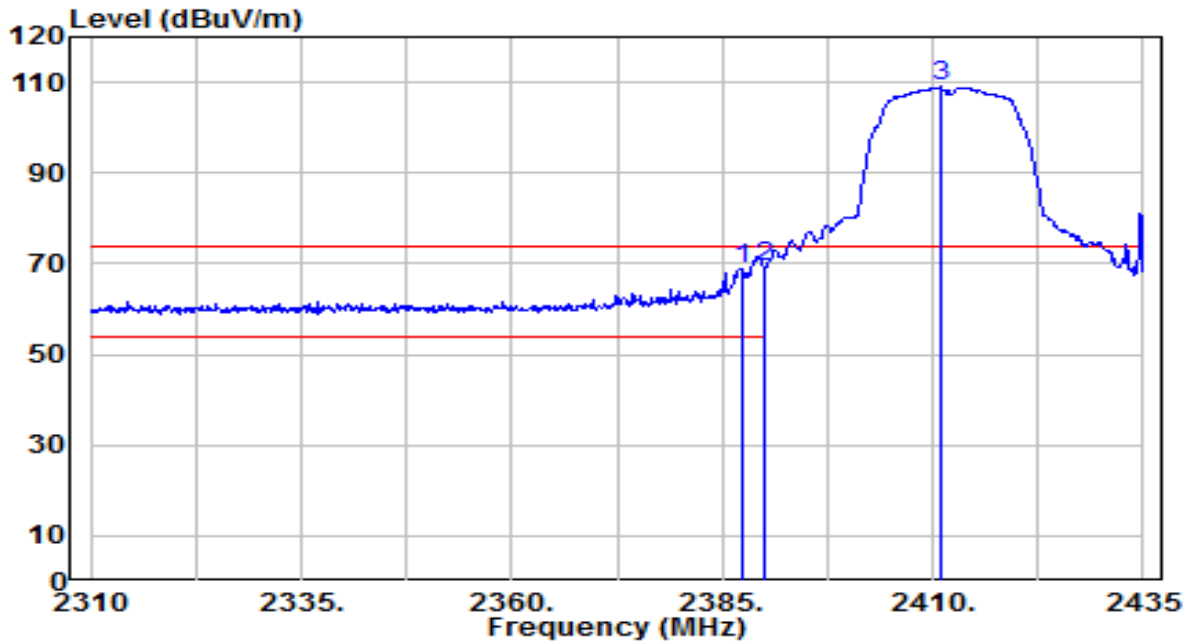


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2387.875	16.80	32.28	49.08	-4.92	54.00	140	235	Average
2	* 2390.000	17.35	32.28	49.63	-4.37	54.00	140	235	Average
3	2413.125	65.48	32.37	97.84	N/A	N/A	140	235	Average

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11g_TX_CH 1_ANT 0	Test Voltage	By Notebook PC

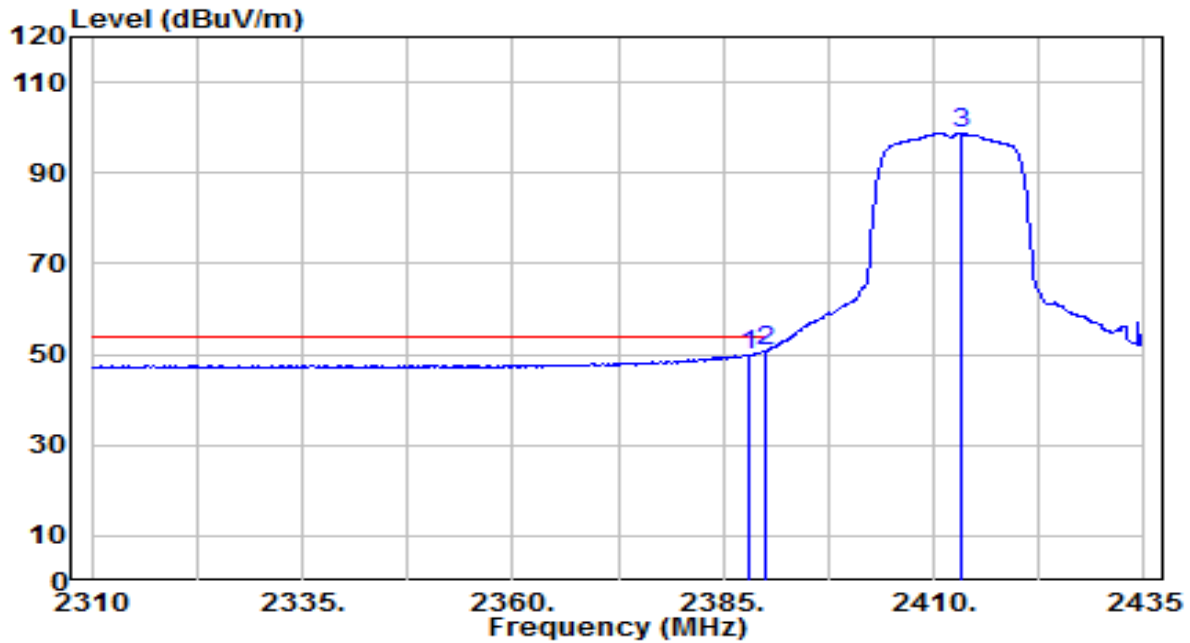


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2387.250	36.75	32.27	69.02	-4.98	74.00	125	300	Peak
2	* 2390.000	37.07	32.28	69.35	-4.65	74.00	125	300	Peak
3	2411.000	76.70	32.36	109.06	N/A	N/A	125	300	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11g_TX_CH 1_ANT 0	Test Voltage	By Notebook PC

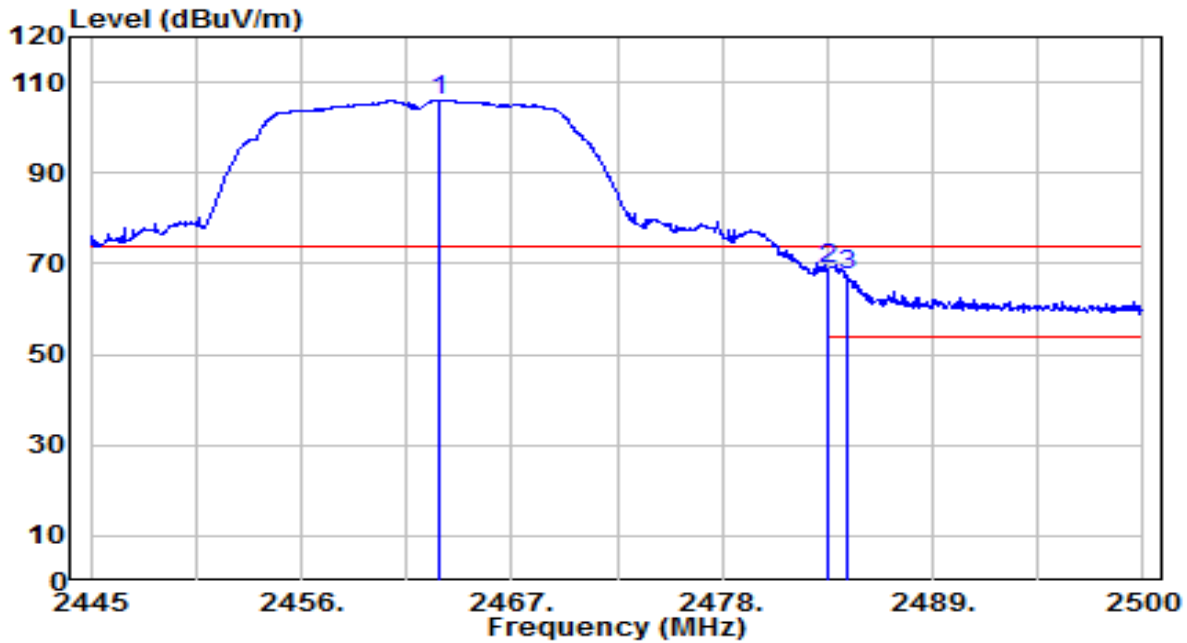


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2388.000	17.68	32.28	49.96	-4.04	54.00	125	300	Average
2	* 2390.000	18.42	32.28	50.70	-3.30	54.00	125	300	Average
3	2413.125	66.51	32.37	98.87	N/A	N/A	125	300	Average

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	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11g_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

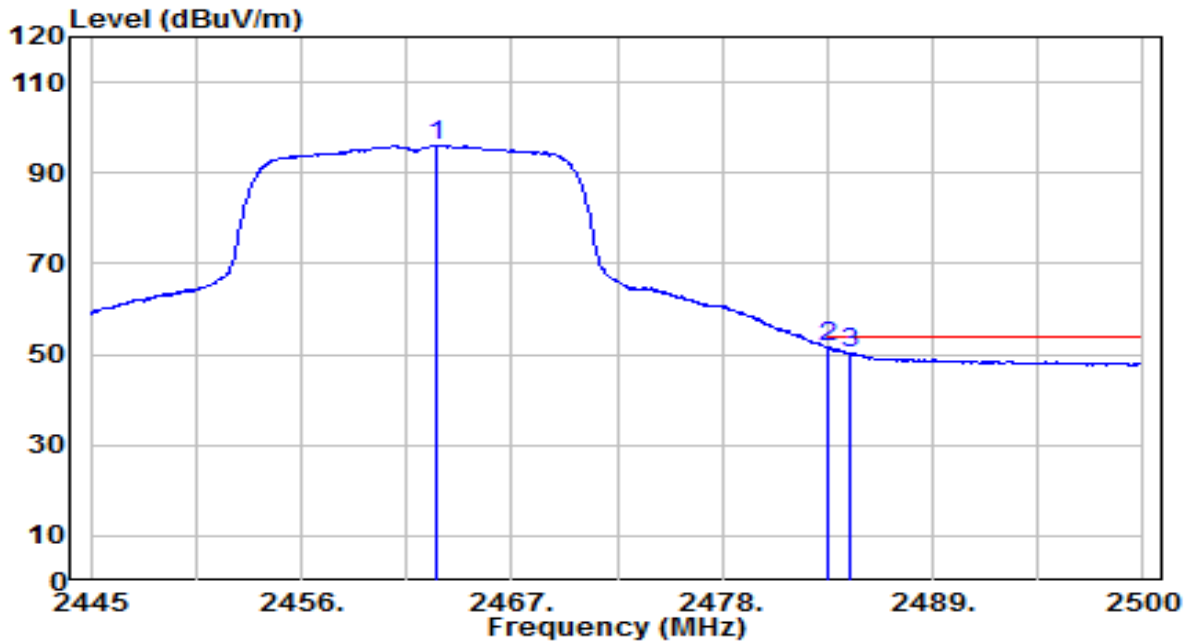


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.260	73.56	32.55	106.11	N/A	N/A	200	240	Peak
2	* 2483.500	36.27	32.62	68.89	-5.11	74.00	200	240	Peak
3	2484.545	34.80	32.62	67.43	-6.57	74.00	200	240	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11g_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

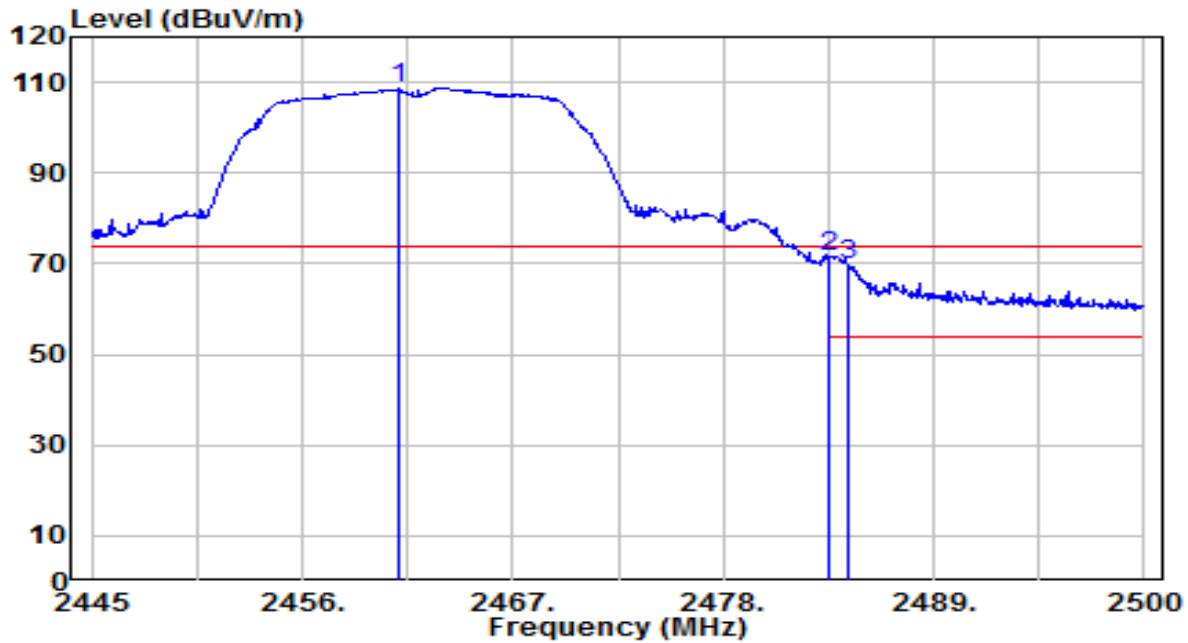


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.095	63.60	32.55	96.15	N/A	N/A	200	240	Average
2	* 2483.500	19.15	32.62	51.77	-2.23	54.00	200	240	Average
3	2484.710	17.76	32.62	50.38	-3.62	54.00	200	240	Average

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11g_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

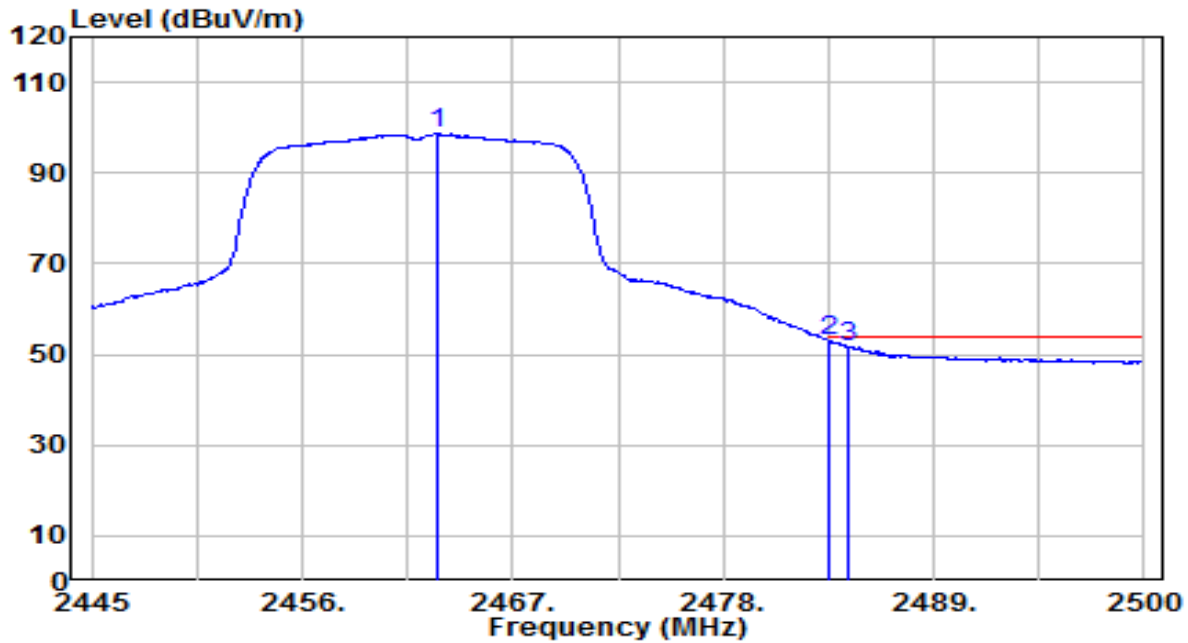


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2461.060	76.13	32.54	108.67	N/A	N/A	160	310	Peak
2	* 2483.500	38.82	32.62	71.44	-2.56	74.00	160	310	Peak
3	2484.545	37.30	32.62	69.93	-4.07	74.00	160	310	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11g_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

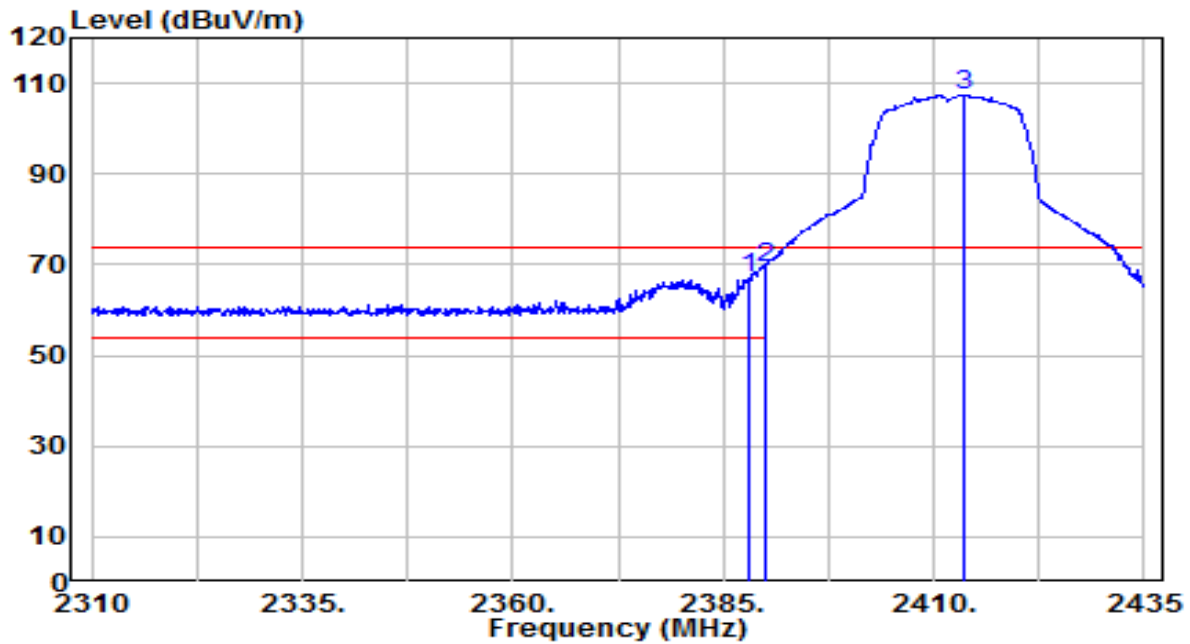


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.040	66.10	32.55	98.65	N/A	N/A	160	310	Average
2	* 2483.500	20.44	32.62	53.06	-0.94	54.00	160	310	Average
3	2484.490	19.05	32.62	51.67	-2.33	54.00	160	310	Average

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0	Test Voltage	By Notebook PC



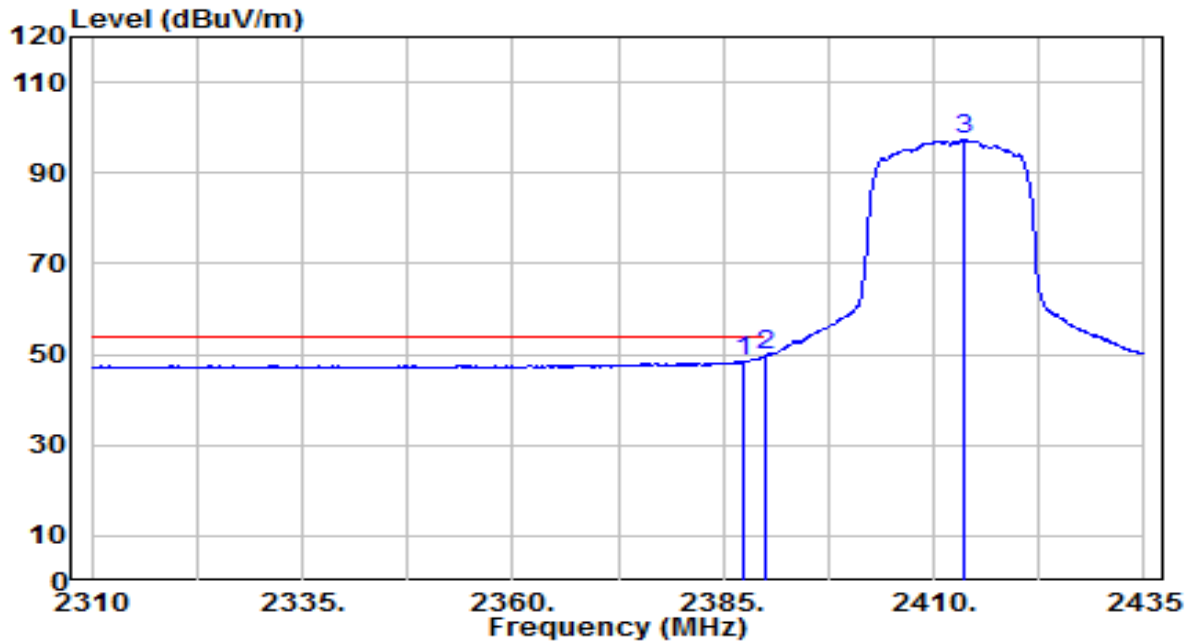
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2388.000	34.74	32.28	67.02	-6.98	74.00	140	235	Peak
2	* 2390.000	36.88	32.28	69.17	-4.83	74.00	140	235	Peak
3	2413.500	75.08	32.37	107.45	N/A	N/A	140	235	Peak

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	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0	Test Voltage	By Notebook PC

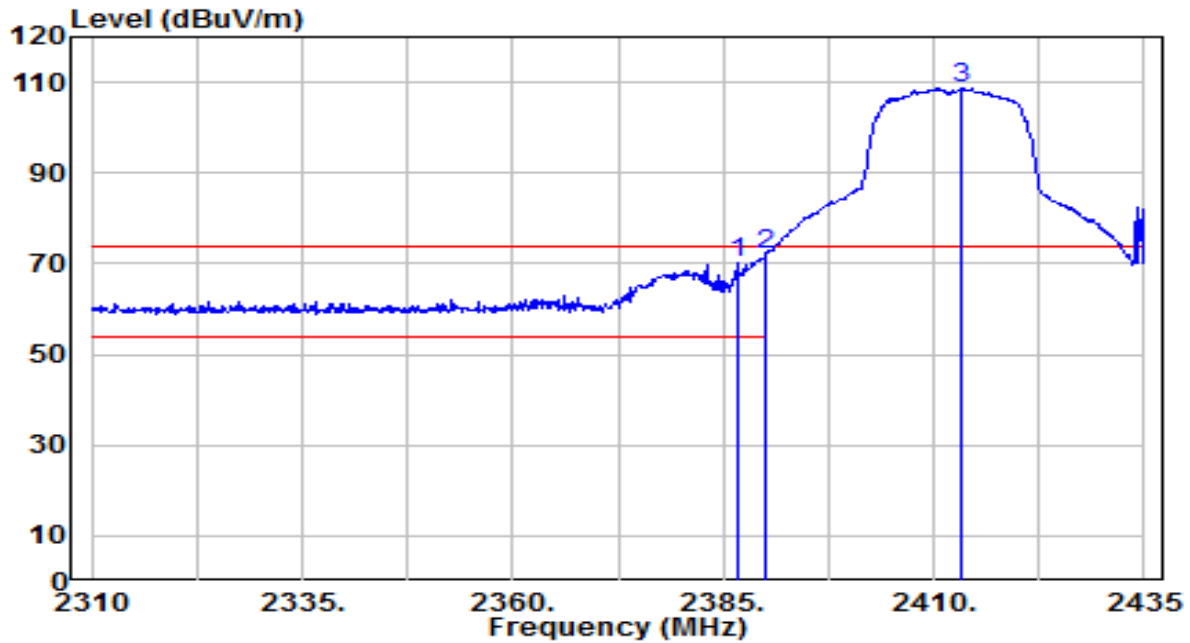


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2387.375	16.39	32.27	48.66	-5.34	54.00	140	235	Average
2	* 2390.000	17.31	32.28	49.60	-4.40	54.00	140	235	Average
3	2413.750	64.90	32.37	97.27	N/A	N/A	140	235	Average

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0	Test Voltage	By Notebook PC

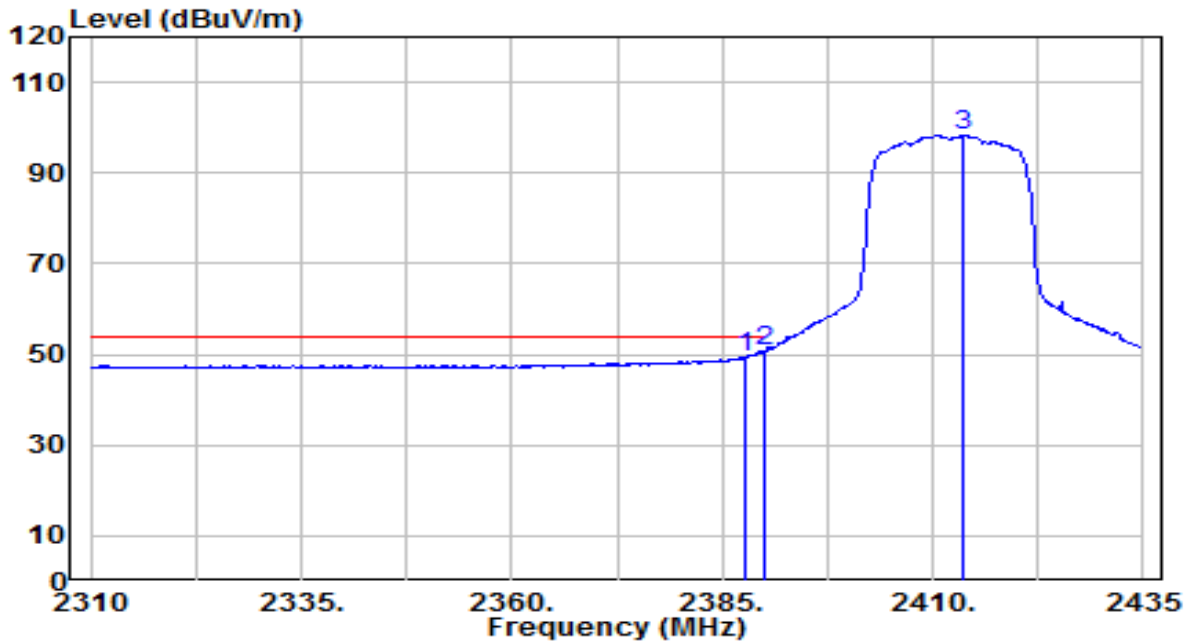


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2386.625	38.08	32.27	70.35	-3.65	74.00	125	300	Peak
2	* 2390.000	39.62	32.28	71.91	-2.09	74.00	125	300	Peak
3	2413.375	76.23	32.37	108.60	N/A	N/A	125	300	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0	Test Voltage	By Notebook PC

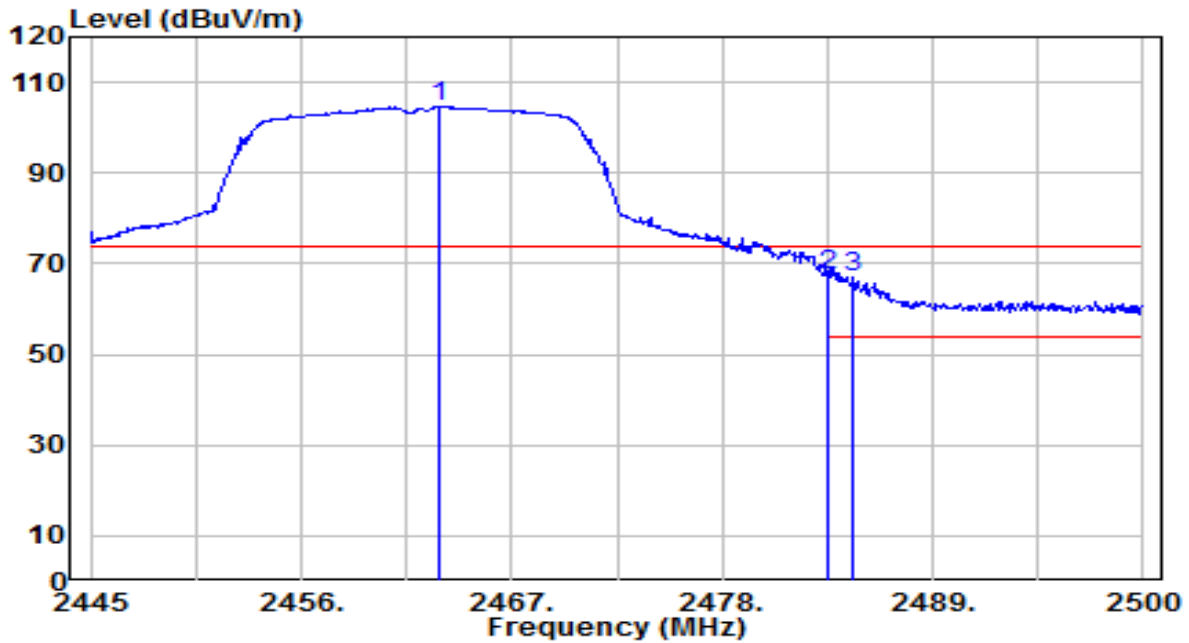


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2387.875	17.25	32.28	49.53	-4.47	54.00	125	300	Average
2	* 2390.000	18.46	32.28	50.75	-3.25	54.00	125	300	Average
3	2413.500	66.02	32.37	98.39	N/A	N/A	125	300	Average

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

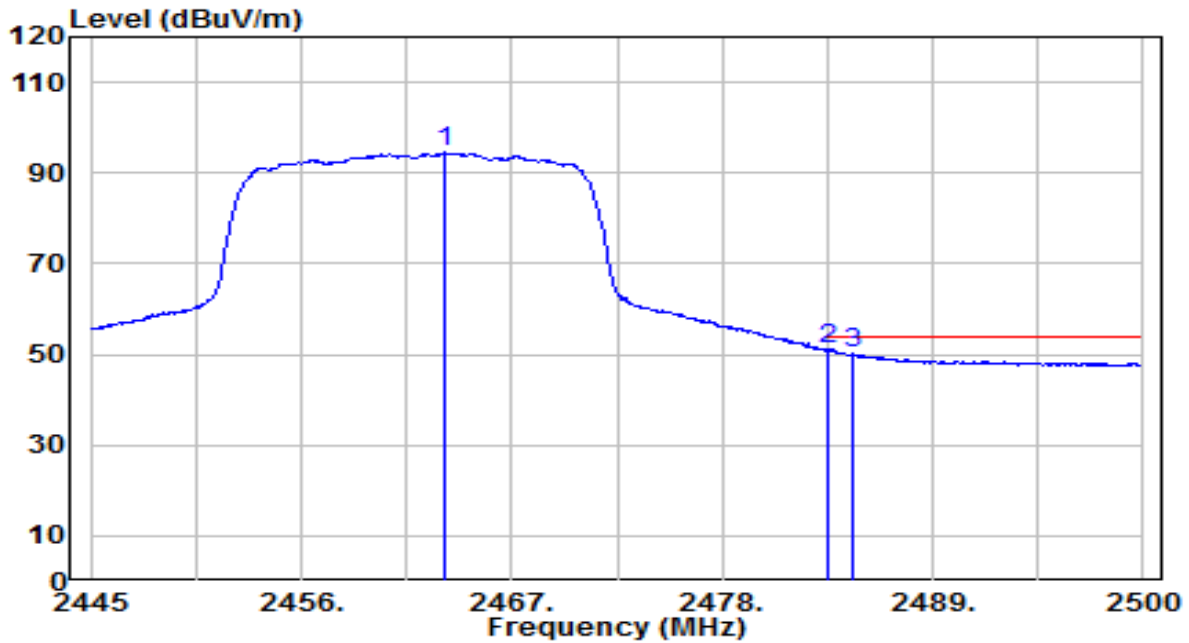


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.260	72.25	32.55	104.80	N/A	N/A	200	240	Peak
2	* 2483.500	34.91	32.62	67.53	-6.47	74.00	200	240	Peak
3	2484.820	34.56	32.63	67.19	-6.81	74.00	200	240	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

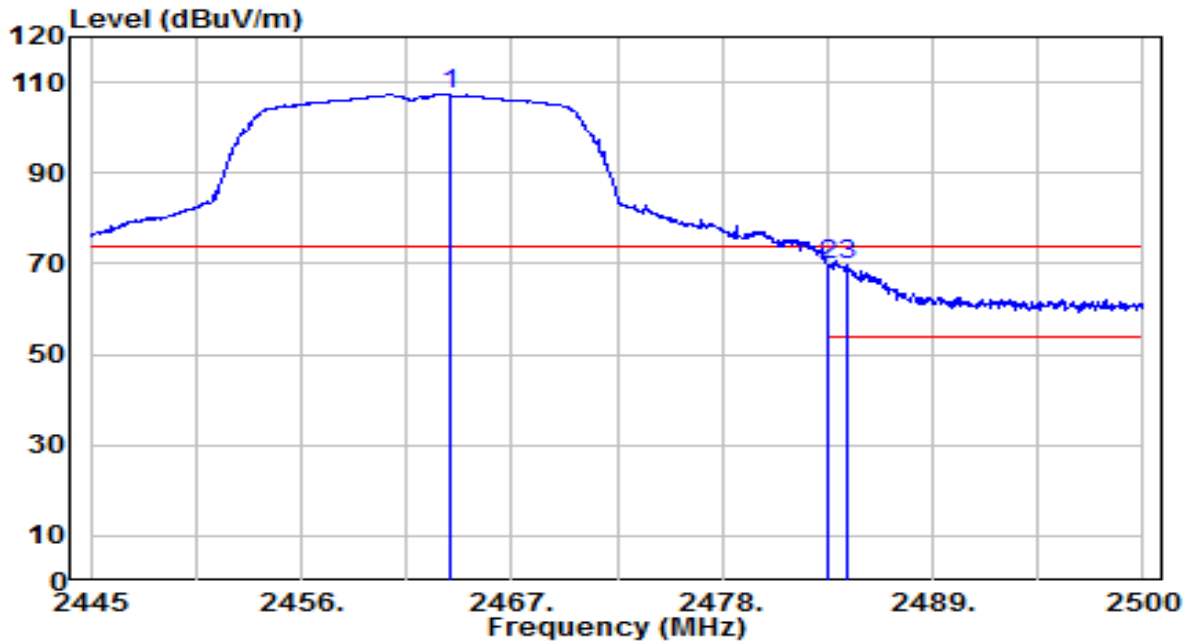


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.480	61.93	32.55	94.48	N/A	N/A	200	240	Average
2	* 2483.500	18.55	32.62	51.17	-2.83	54.00	200	240	Average
3	2484.820	17.57	32.63	50.19	-3.81	54.00	200	240	Average

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

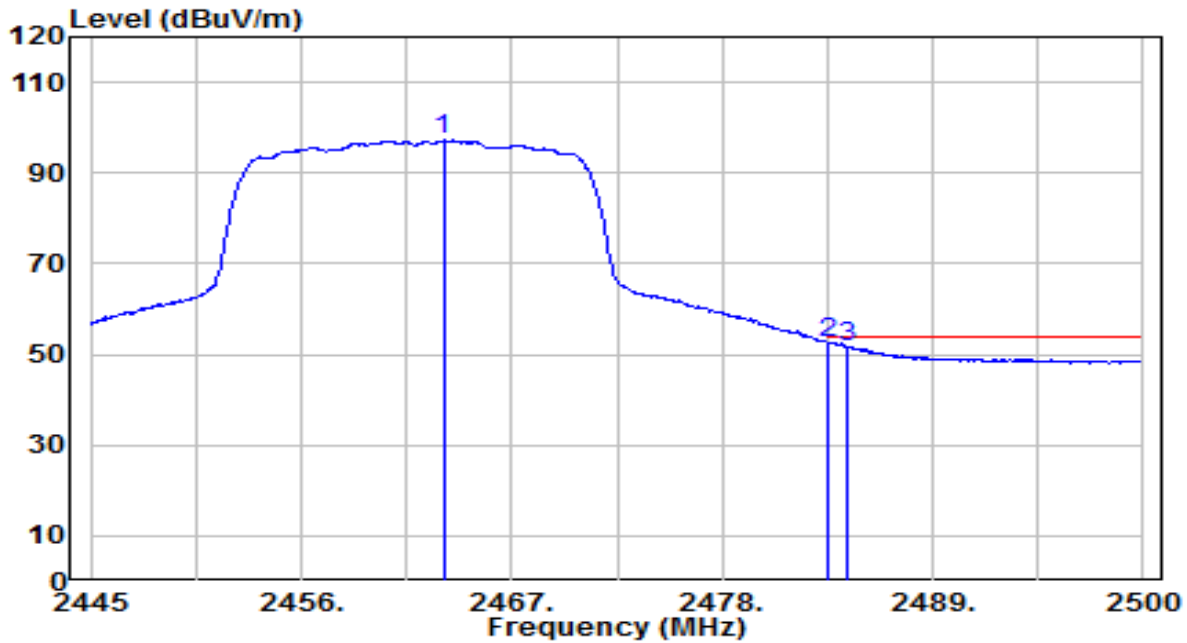


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.755	74.83	32.55	107.38	N/A	N/A	160	310	Peak
2	* 2483.500	37.23	32.62	69.85	-4.15	74.00	160	310	Peak
3	2484.490	37.12	32.62	69.75	-4.25	74.00	160	310	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

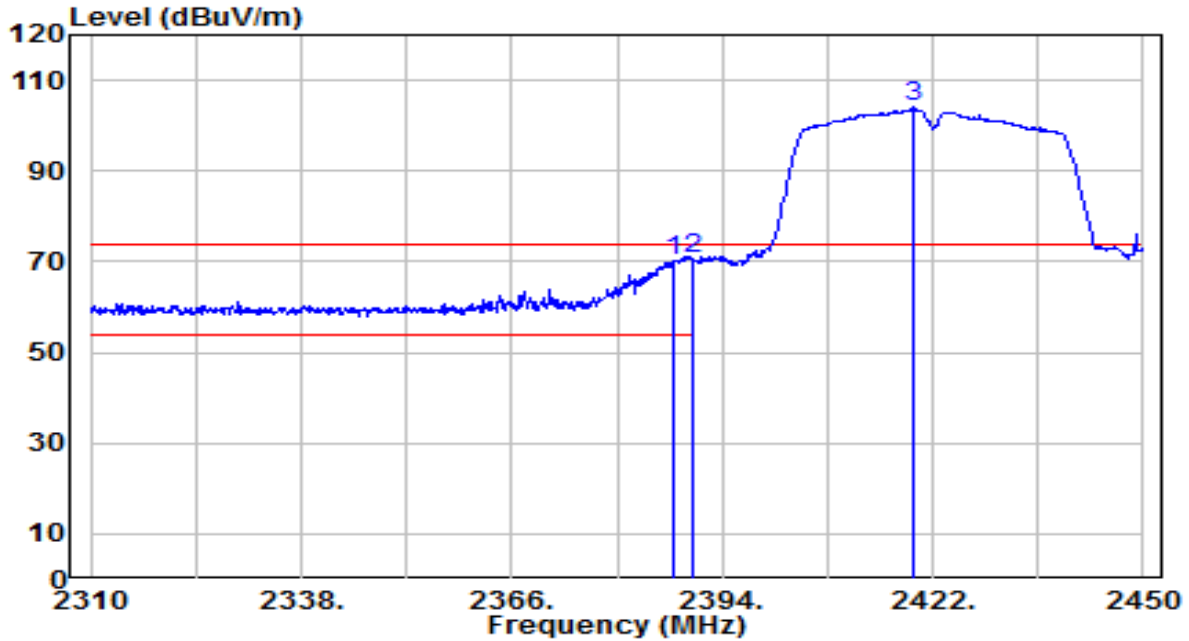


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.425	64.63	32.55	97.17	N/A	N/A	160	310	Average
2	* 2483.500	20.04	32.62	52.66	-1.34	54.00	160	310	Average
3	2484.490	19.19	32.62	51.81	-2.19	54.00	160	310	Average

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0	Test Voltage	By Notebook PC



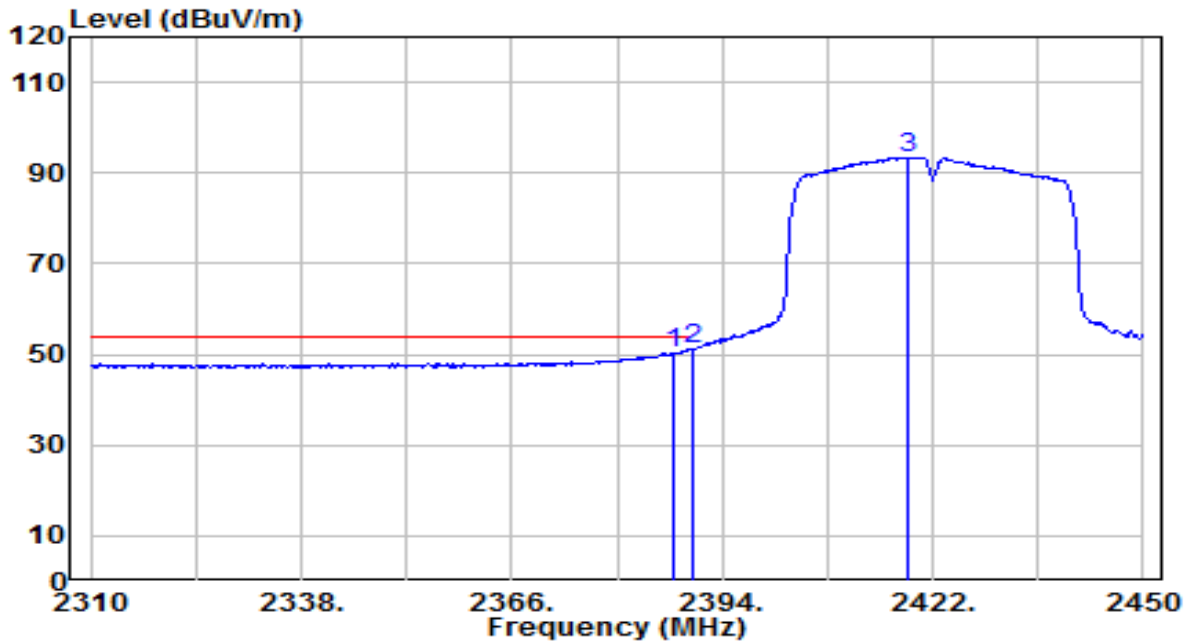
No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2387.420	38.01	32.27	70.29	-3.71	74.00	140	235	Peak
2	* 2390.000	38.20	32.28	70.48	-3.52	74.00	140	235	Peak
3	2419.340	71.84	32.39	104.23	N/A	N/A	140	235	Peak

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	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0	Test Voltage	By Notebook PC

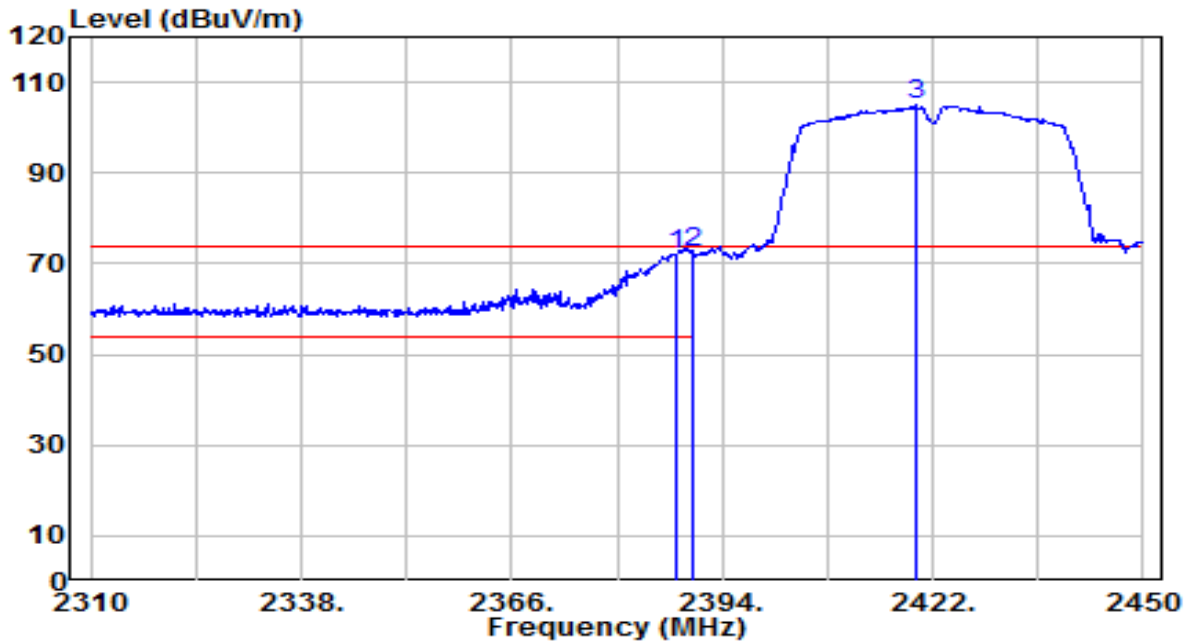


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2387.560	18.02	32.28	50.30	-3.70	54.00	140	235	Average
2	* 2390.000	19.05	32.28	51.34	-2.66	54.00	140	235	Average
3	2418.780	61.12	32.39	93.50	N/A	N/A	140	235	Average

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0	Test Voltage	By Notebook PC

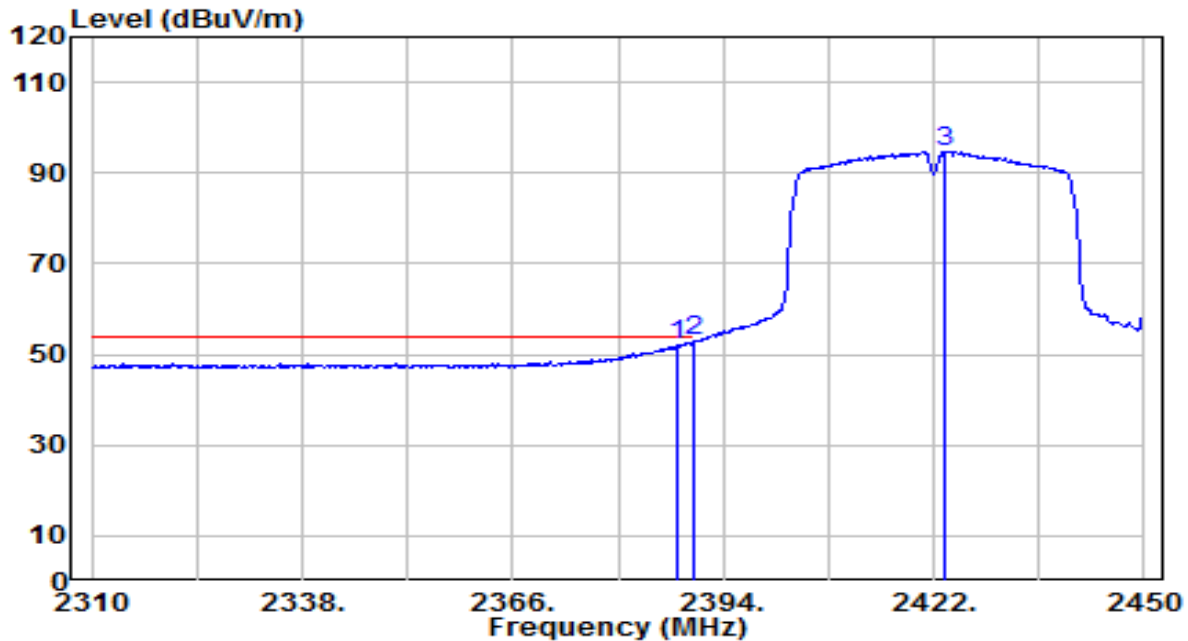


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2387.840	39.75	32.28	72.02	-1.98	74.00	125	300	Peak
2	* 2390.000	40.36	32.28	72.64	-1.36	74.00	125	300	Peak
3	2419.900	72.80	32.39	105.19	N/A	N/A	125	300	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0	Test Voltage	By Notebook PC

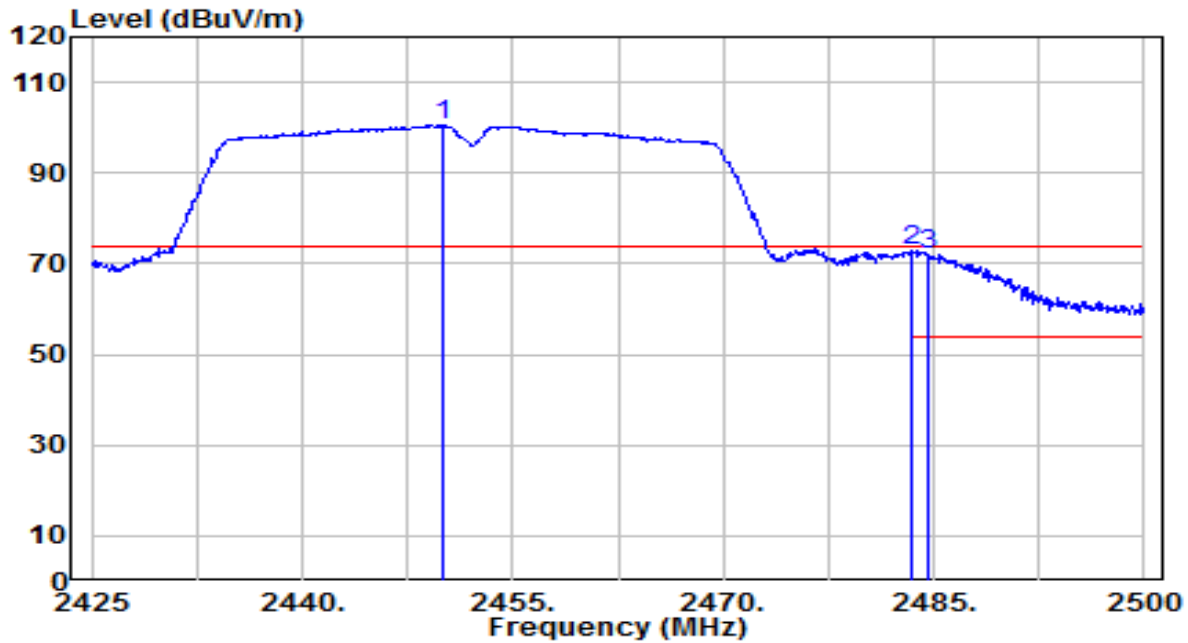


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2387.840	19.61	32.28	51.89	-2.11	54.00	125	300	Average
2	* 2390.000	20.76	32.28	53.04	-0.96	54.00	125	300	Average
3	2423.400	62.39	32.40	94.80	N/A	N/A	125	300	Average

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0	Test Voltage	By Notebook PC

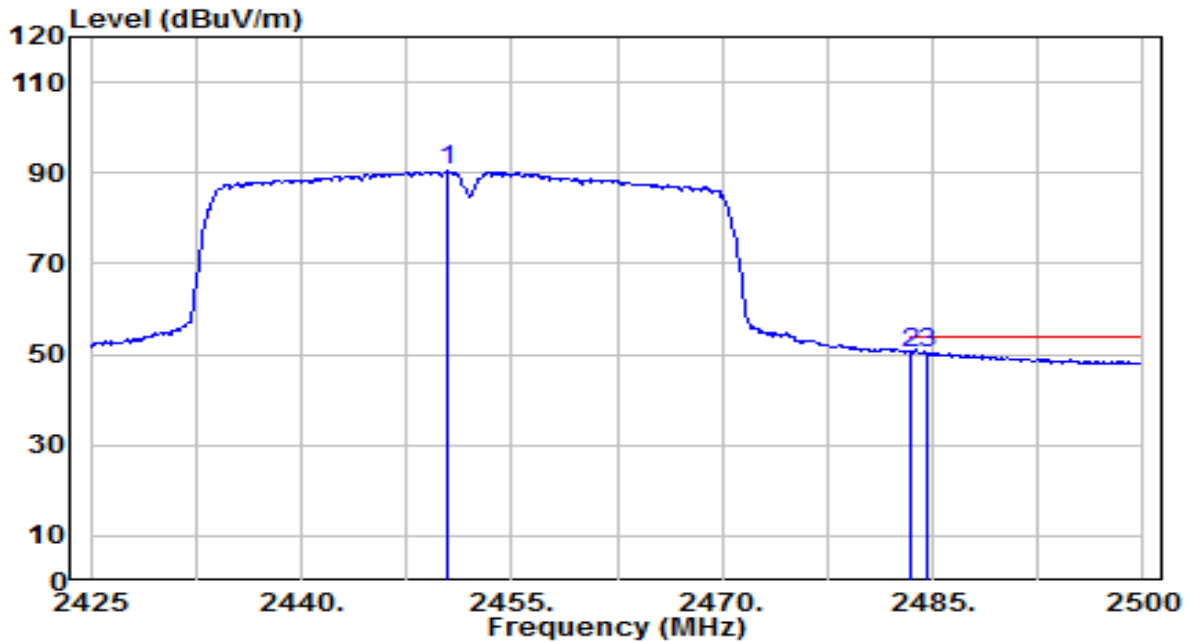


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2450.050	68.05	32.50	100.55	N/A	N/A	200	240	Peak
2	* 2483.500	40.22	32.62	72.84	-1.16	74.00	200	240	Peak
3	2484.625	39.41	32.62	72.03	-1.97	74.00	200	240	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0	Test Voltage	By Notebook PC

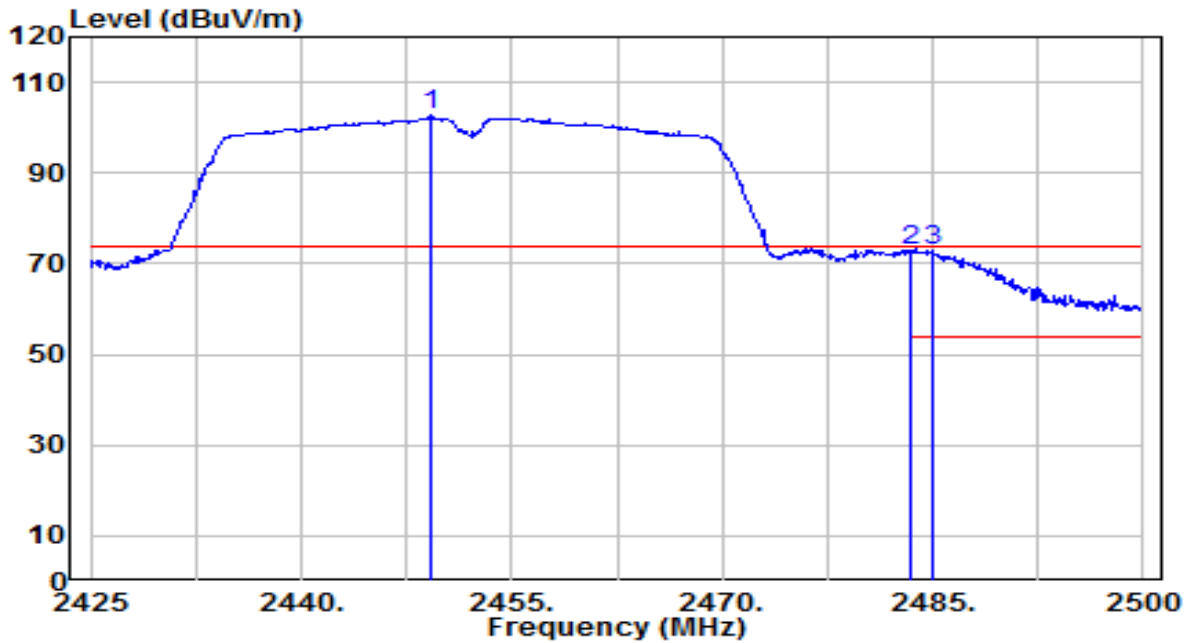


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2450.350	57.87	32.50	90.37	N/A	N/A	200	240	Average
2	2483.500	17.51	32.62	50.13	-3.87	54.00	200	240	Average
3	* 2484.550	17.84	32.62	50.46	-3.54	54.00	200	240	Average

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0	Test Voltage	By Notebook PC

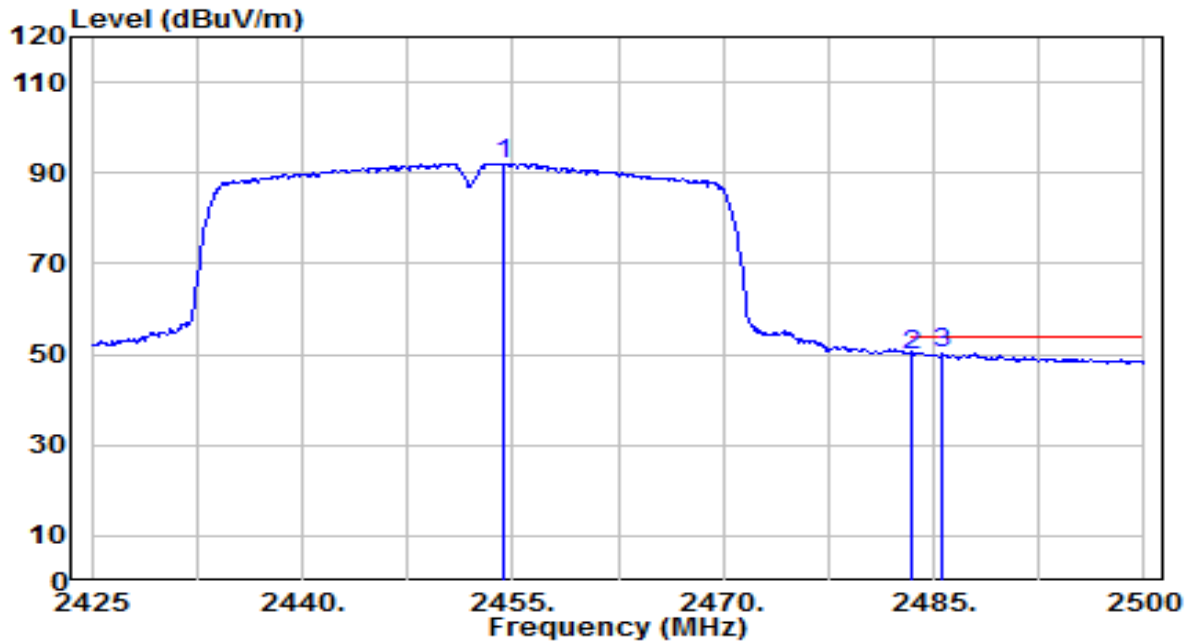


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2449.300	70.35	32.50	102.84	N/A	N/A	160	310	Peak
2	* 2483.500	40.36	32.62	72.98	-1.02	74.00	160	310	Peak
3	2484.925	40.18	32.63	72.81	-1.19	74.00	160	310	Peak

Note:

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

EUT	Rugged PDA	Date of Test	2023-03-03
Factor	BBHA 9120D	Temp. / Humidity	23°C /47%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0	Test Voltage	By Notebook PC



No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2454.325	59.62	32.52	92.14	N/A	N/A	160	310	Average
2	2483.500	17.35	32.62	49.97	-4.03	54.00	160	310	Average
3	* 2485.600	17.50	32.63	50.12	-3.88	54.00	160	310	Average

Note:

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

## 7.8. AC Conducted Emissions Measurement

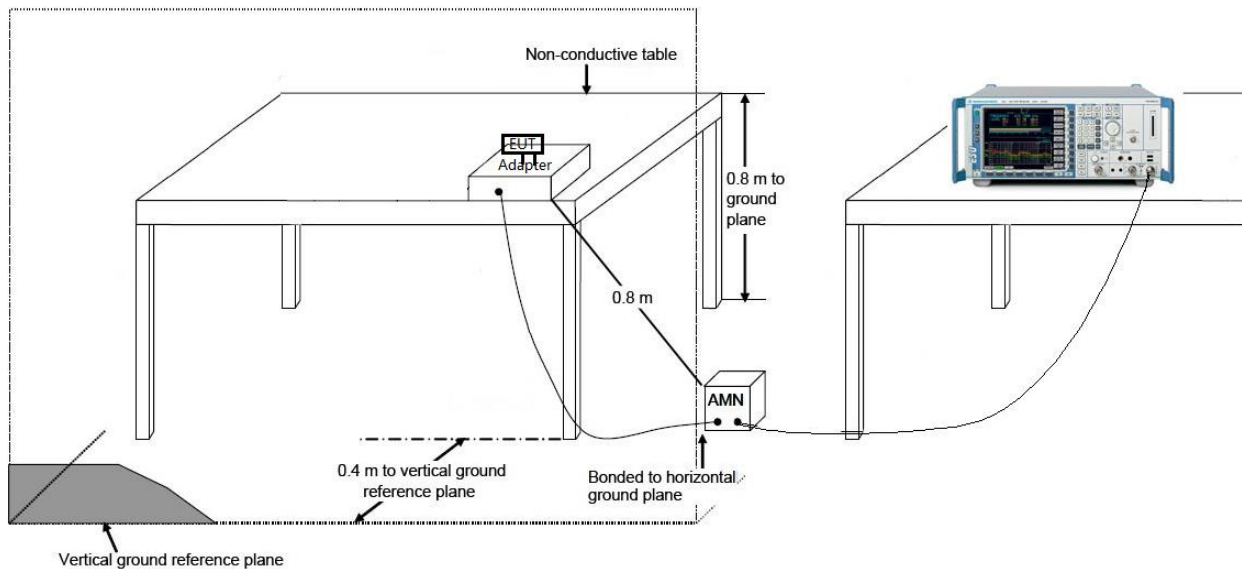
### 7.8.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 / RSS-Gen Limits		
Frequency (MHz)	QP (dB $\mu$ V)	Average (dB $\mu$ V)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

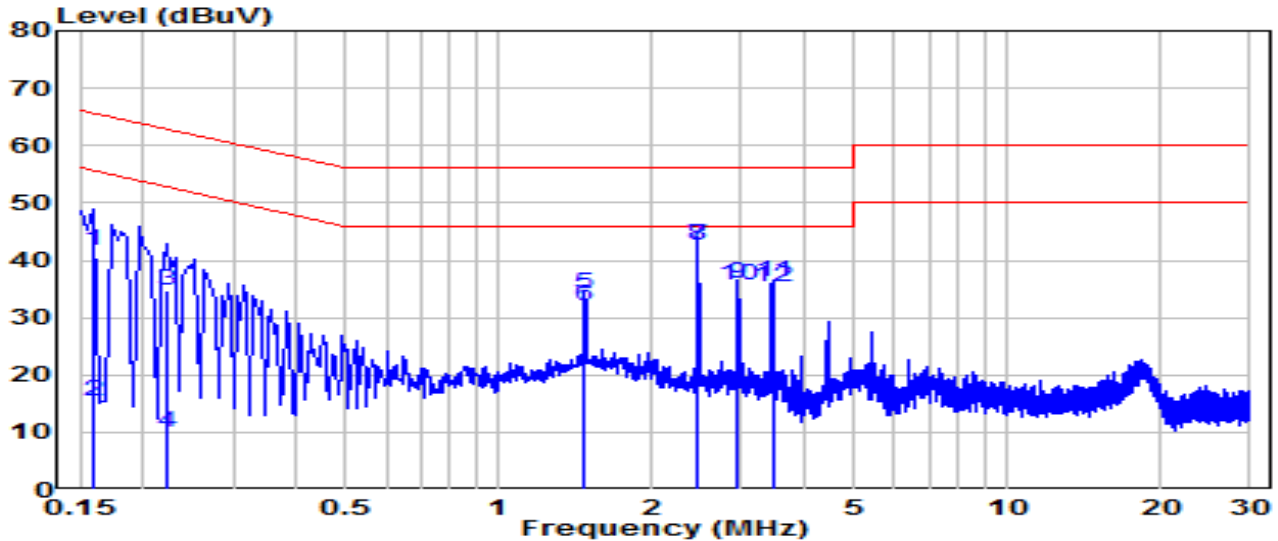
### 7.8.2. Test Setup





### 7.8.3. Test Result

EUT	Rugged PDA	Date of Test	2023-02-24
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	22.5°C /62%
Polarity	Line1	Site / Test Engineer	SR2 / Amber
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0	Test Voltage	AC 120V/60Hz

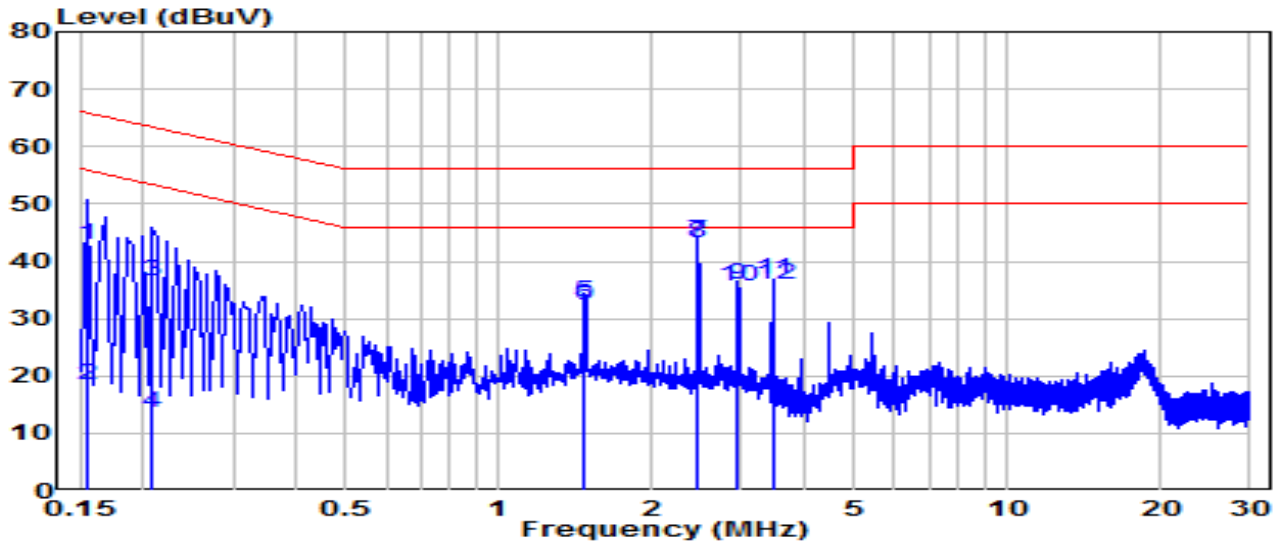


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.159	32.18	9.62	41.80	-23.72	65.52	QP
2	0.159	5.92	9.62	15.54	-39.97	55.52	Average
3	0.222	25.08	9.62	34.70	-28.04	62.74	QP
4	0.222	0.46	9.62	10.09	-42.66	52.74	Average
5	1.477	24.34	9.68	34.02	-21.98	56.00	QP
6	1.477	22.31	9.68	31.99	-14.01	46.00	Average
7	* 2.463	33.02	9.70	42.71	-13.29	56.00	QP
8	* 2.463	32.85	9.70	42.55	-3.45	46.00	Average
9	2.953	26.28	9.71	35.99	-20.01	56.00	QP
10	2.953	25.96	9.71	35.67	-10.33	46.00	Average
11	3.448	26.48	9.72	36.19	-19.81	56.00	QP
12	3.448	25.49	9.72	35.21	-10.79	46.00	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

EUT	Rugged PDA	Date of Test	2023-02-24
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	22.5°C /62%
Polarity	Neutral	Site / Test Engineer	SR2 / Amber
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0	Test Voltage	AC 120V/60Hz

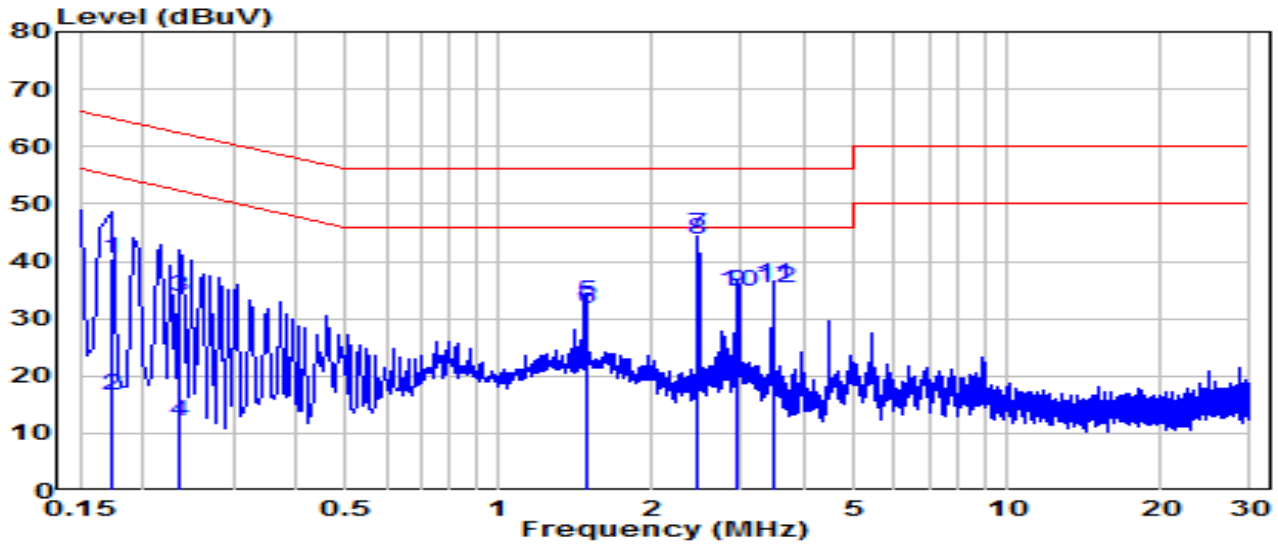


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.154	33.25	9.62	42.87	-22.88	65.75	QP
2	0.154	8.68	9.62	18.30	-37.45	55.75	Average
3	0.208	26.98	9.62	36.60	-26.67	63.27	QP
4	0.208	4.10	9.62	13.72	-39.54	53.27	Average
5	1.477	23.36	9.68	33.04	-22.96	56.00	QP
6	1.477	22.64	9.68	32.32	-13.68	46.00	Average
7 *	2.467	33.80	9.70	43.50	-12.50	56.00	QP
8 *	2.467	33.35	9.70	43.05	-2.95	46.00	Average
9	2.958	26.34	9.71	36.05	-19.95	56.00	QP
10	2.958	25.83	9.71	35.53	-10.47	46.00	Average
11	3.453	27.07	9.72	36.78	-19.22	56.00	QP
12	3.453	26.12	9.72	35.84	-10.16	46.00	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

EUT	Rugged PDA	Date of Test	2023-02-24
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	22.5°C /62%
Polarity	Line1	Site / Test Engineer	SR2 / Amber
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0	Test Voltage	AC 240V/60Hz

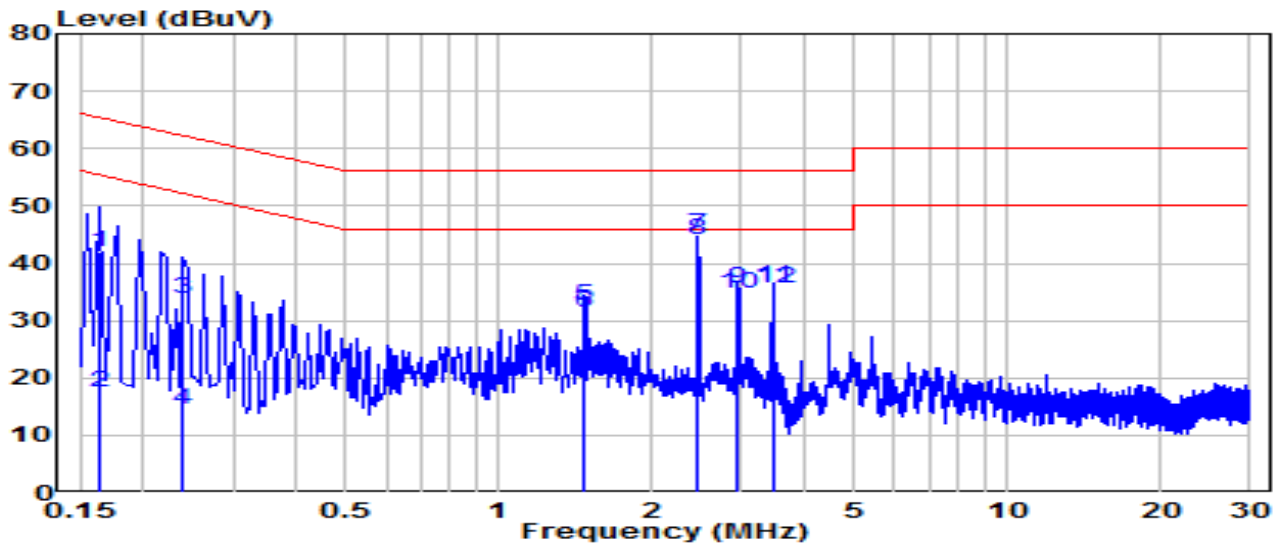


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.172	30.90	9.62	40.52	-24.32	64.84	QP
2	0.172	7.03	9.62	16.65	-38.19	54.84	Average
3	0.235	24.33	9.62	33.96	-28.30	62.25	QP
4	0.235	2.38	9.62	12.01	-40.25	52.25	Average
5	1.482	23.14	9.68	32.82	-23.18	56.00	QP
6	1.482	22.10	9.68	31.78	-14.22	46.00	Average
7	* 2.467	35.10	9.70	44.80	-11.20	56.00	QP
8	* 2.467	34.12	9.70	43.82	-2.18	46.00	Average
9	2.958	24.99	9.71	34.70	-21.30	56.00	QP
10	2.958	24.98	9.71	34.69	-11.31	46.00	Average
11	3.453	26.06	9.72	35.78	-20.22	56.00	QP
12	3.453	25.52	9.72	35.24	-10.76	46.00	Average

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

EUT	Rugged PDA	Date of Test	2023-02-24
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	22.5°C / 62%
Polarity	Neutral	Site / Test Engineer	SR2 / Amber
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0	Test Voltage	AC 240V/60Hz



No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.163	32.30	9.62	41.92	-23.36	65.28	QP
2	0.163	7.90	9.62	17.52	-37.77	55.28	Average
3	0.240	24.19	9.63	33.82	-28.28	62.10	QP
4	0.240	4.84	9.63	14.47	-37.63	52.10	Average
5	1.477	22.88	9.68	32.56	-23.44	56.00	QP
6	1.477	21.84	9.68	31.52	-14.48	46.00	Average
7	*	2.467	9.70	44.93	-11.07	56.00	QP
8	*	2.467	9.70	43.93	-2.07	46.00	Average
9	2.958	25.94	9.71	35.65	-20.35	56.00	QP
10	2.958	25.10	9.71	34.81	-11.19	46.00	Average
11	3.453	26.32	9.72	36.04	-19.96	56.00	QP
12	3.453	25.86	9.72	35.58	-10.42	46.00	Average

Note:

- "\*", means this data is the worst emission level.
- C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
- Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

## 8. CONCLUSION

The data collected relate only the item(s) tested and show that the **Rugged PDA** is in compliance with Part 15C of the FCC Rules.

## **Appendix A : Test Photograph**

Refer to “2302TW1401-UT” file.

## **Appendix B : External Photograph**

Refer to “2302TW1401-UE” file.

## **Appendix C : Internal Photograph**

Refer to “2302TW1401-UI” file.

————— The End —————