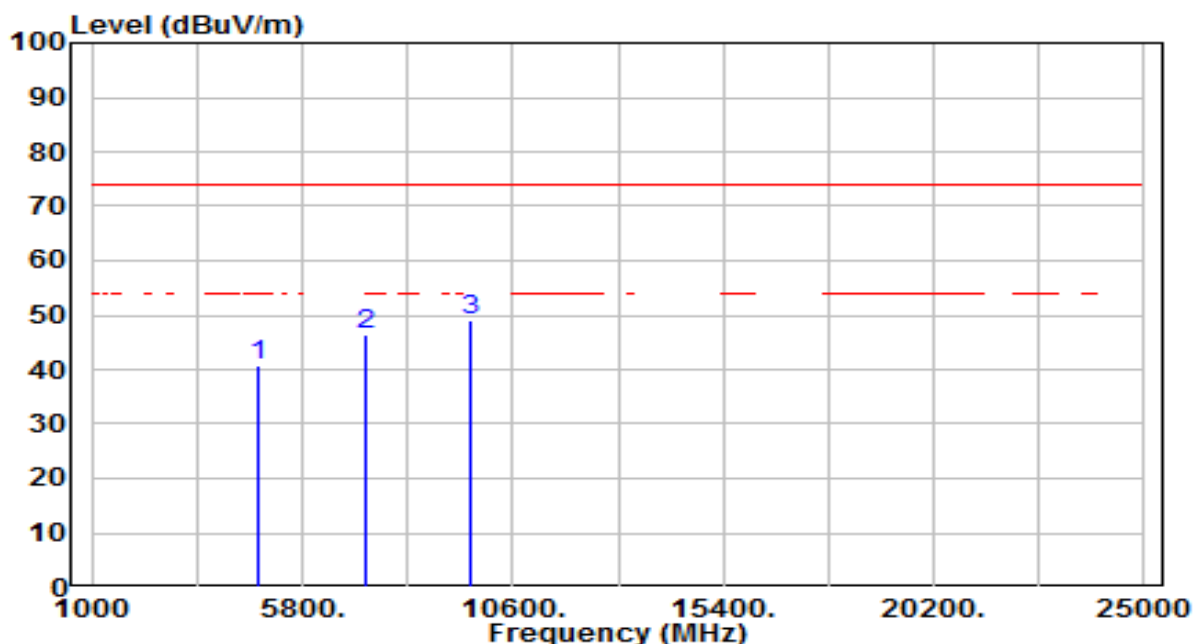


EUT	Rugged PDA	Date of Test	2023-03-04
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	22°C /44%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11g_TX_CH 1_ANT 0	Test Voltage	By Notebook PC

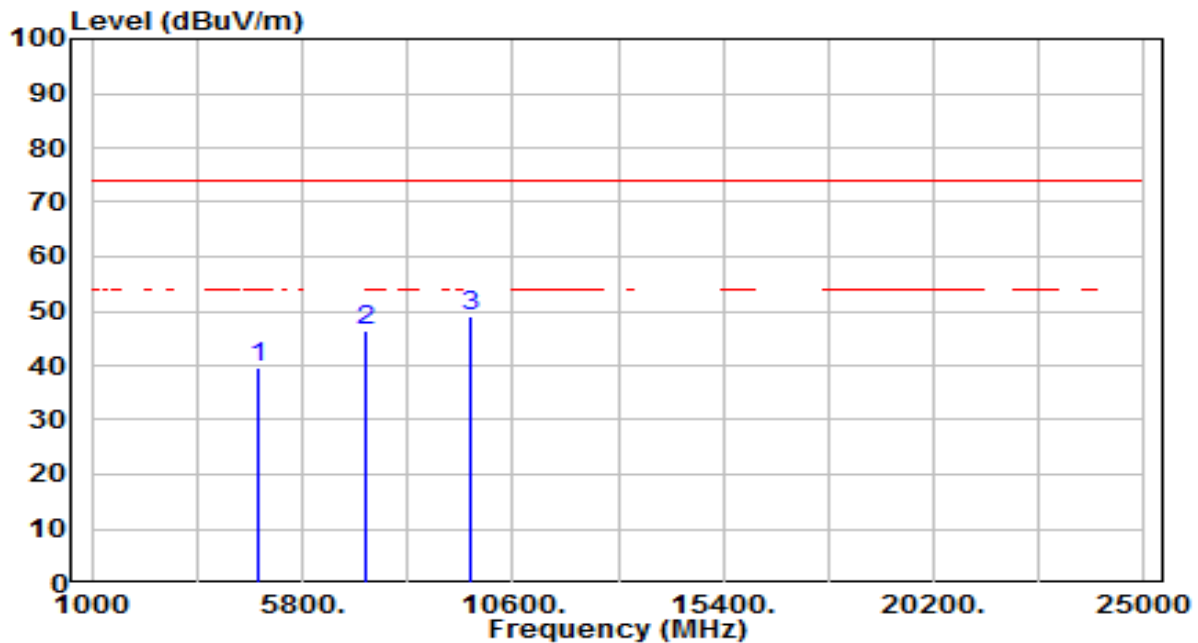


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4824.000	37.05	3.65	40.69	-33.31	74.00	150	360	Peak
2	7236.000	34.70	11.80	46.51	-27.49	74.00	150	360	Peak
3	* 9648.000	33.22	15.77	48.99	-25.01	74.00	150	360	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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	802.11g_TX_CH 1_ANT 0	Test Voltage	By Notebook PC

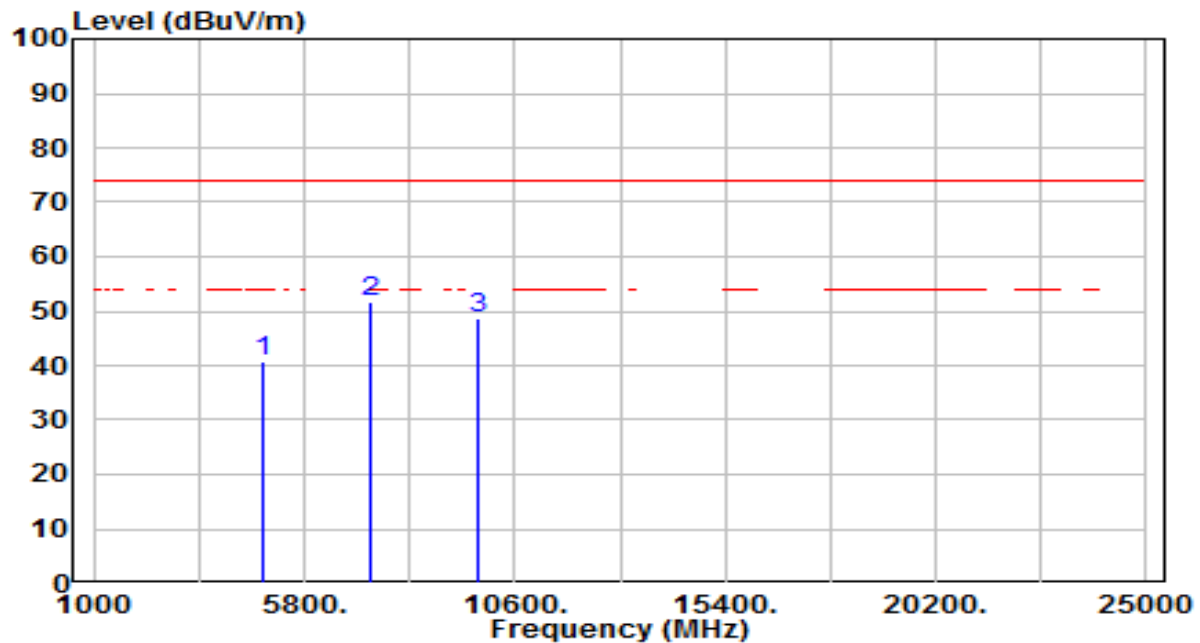


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4824.000	35.92	3.65	39.57	-34.43	74.00	150	360	Peak
2	7236.000	34.47	11.80	46.27	-27.73	74.00	150	360	Peak
3	* 9648.000	33.28	15.77	49.05	-24.95	74.00	150	360	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11g_TX_CH 6_ANT 0	Test Voltage	By Notebook PC

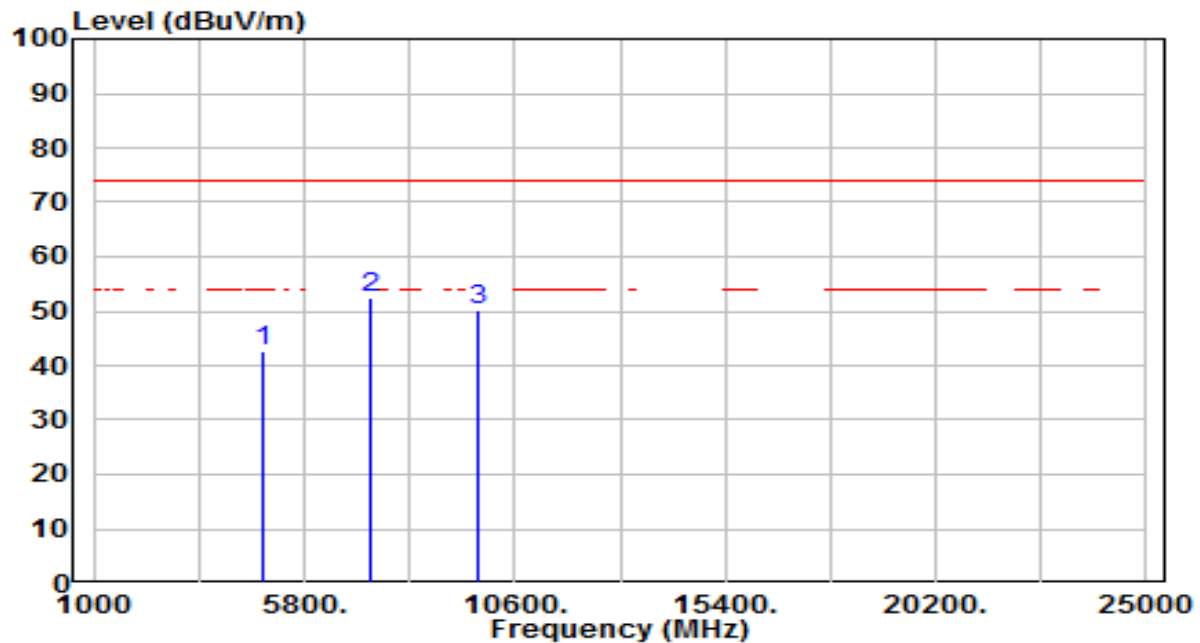


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4874.000	36.85	3.74	40.59	-33.41	74.00	150	360	Peak
2	* 7311.000	39.56	12.11	51.68	-22.32	74.00	150	360	Peak
3	9748.000	32.81	15.95	48.76	-25.24	74.00	150	360	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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	802.11g_TX_CH 6_ANT 0	Test Voltage	By Notebook PC

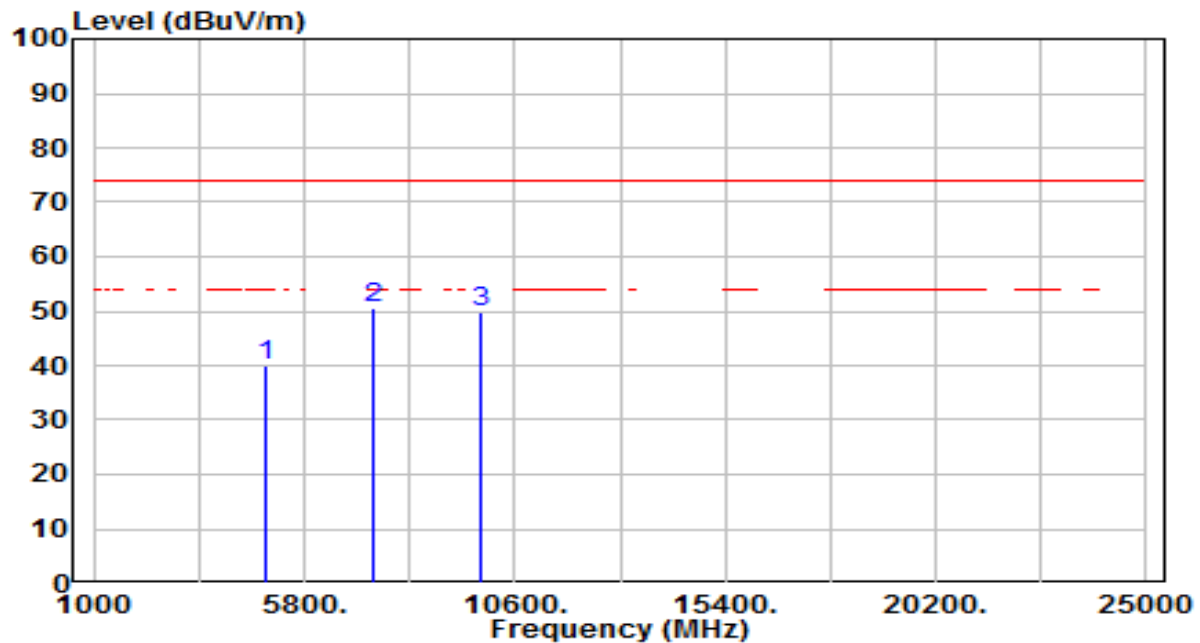


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4874.000	38.72	3.74	42.46	-31.54	74.00	150	360	Peak
2	* 7311.000	40.45	12.11	52.56	-21.44	74.00	150	360	Peak
3	9748.000	34.08	15.95	50.04	-23.96	74.00	150	360	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11g_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

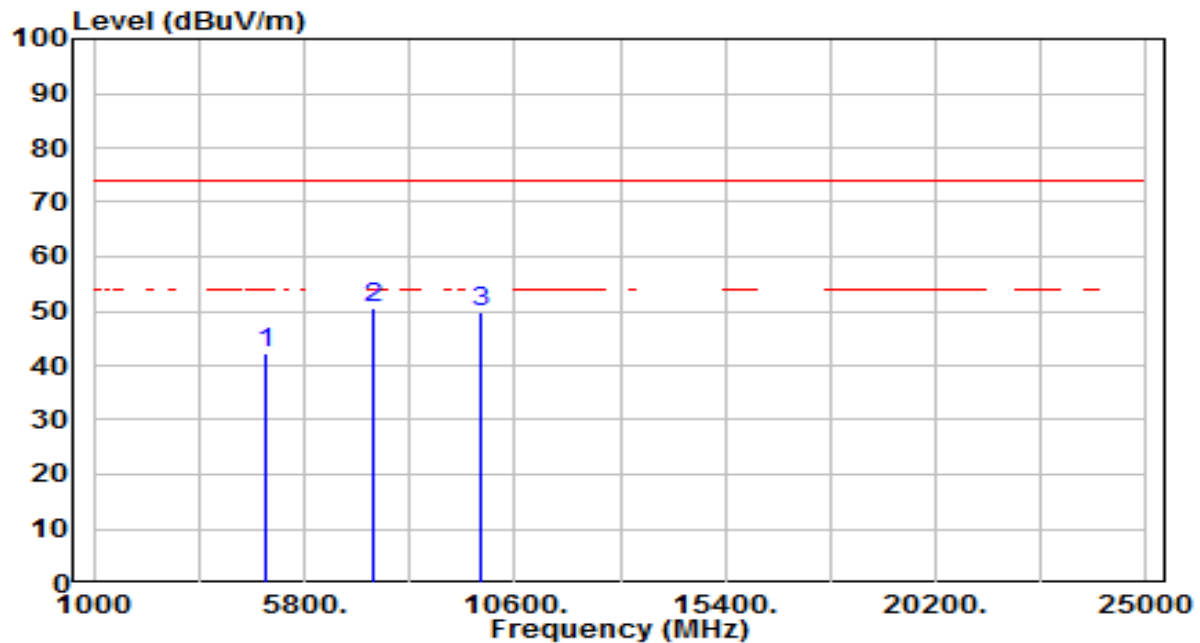


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4924.000	36.04	3.83	39.87	-34.13	74.00	150	360	Peak
2	* 7386.000	38.12	12.42	50.55	-23.45	74.00	150	360	Peak
3	9848.000	33.56	16.14	49.70	-24.30	74.00	150	360	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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	802.11g_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

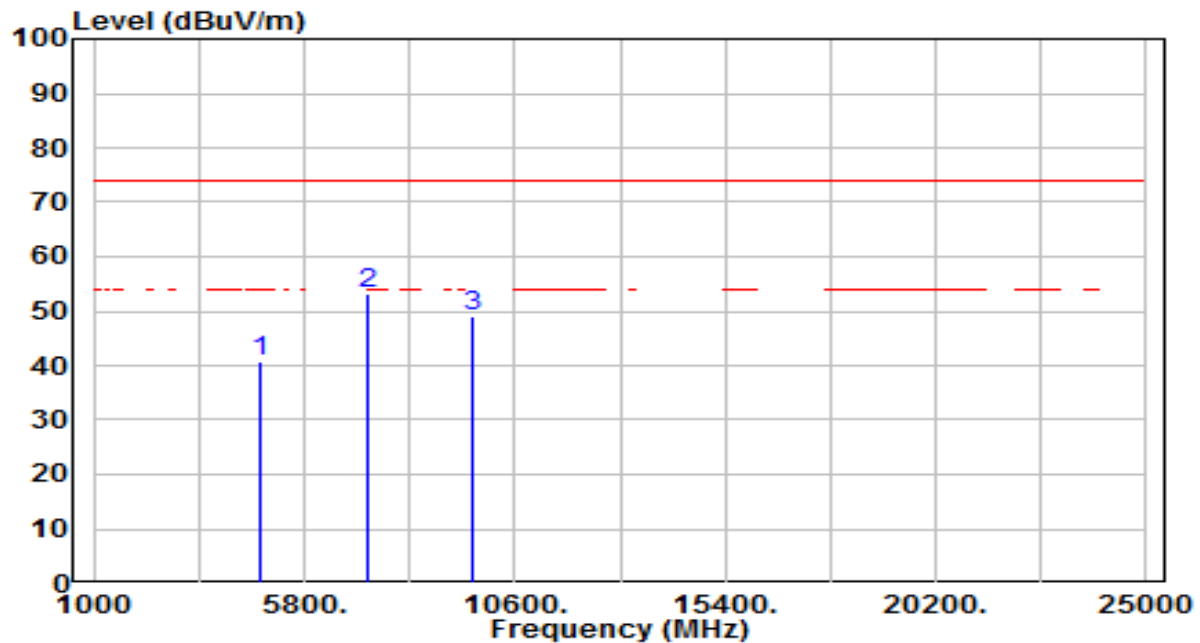


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4924.000	38.30	3.83	42.13	-31.87	74.00	150	360	Peak
2	* 7386.000	38.05	12.42	50.47	-23.53	74.00	150	360	Peak
3	9848.000	33.60	16.14	49.74	-24.26	74.00	150	360	Peak

Note:

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	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

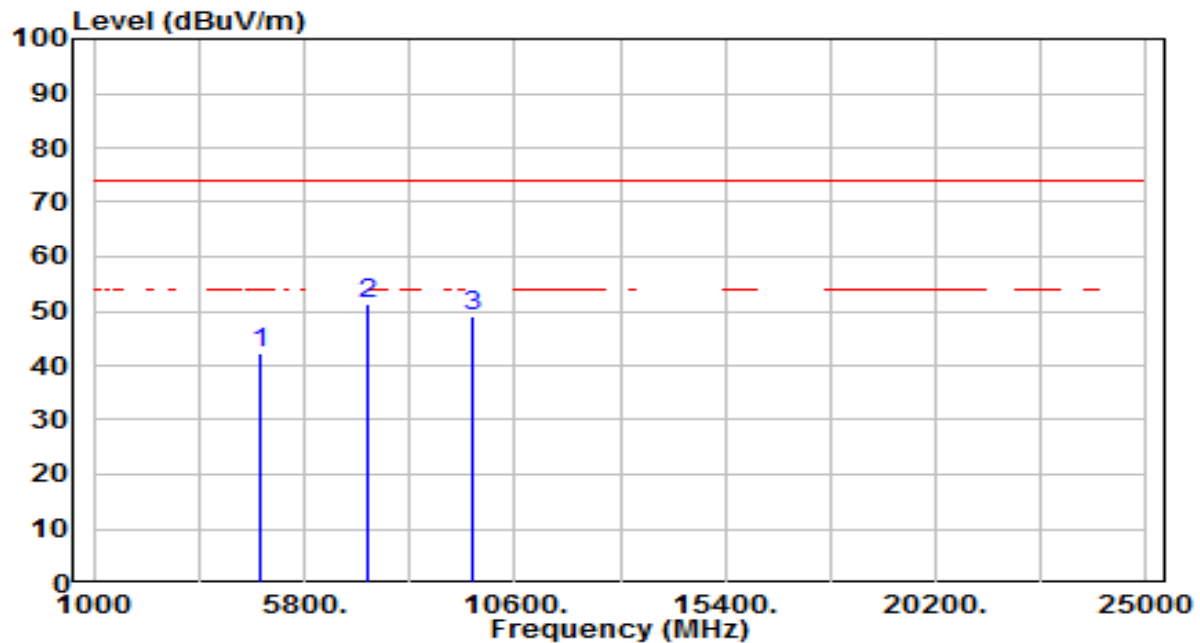


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4824.000	37.01	3.65	40.66	-33.34	74.00	150	360	Peak
2	* 7236.000	41.43	11.80	53.23	-20.77	74.00	150	360	Peak
3	9648.000	33.32	15.77	49.09	-24.91	74.00	150	360	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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_TX_CH 1_ANT 0	Test Voltage	By Notebook PC

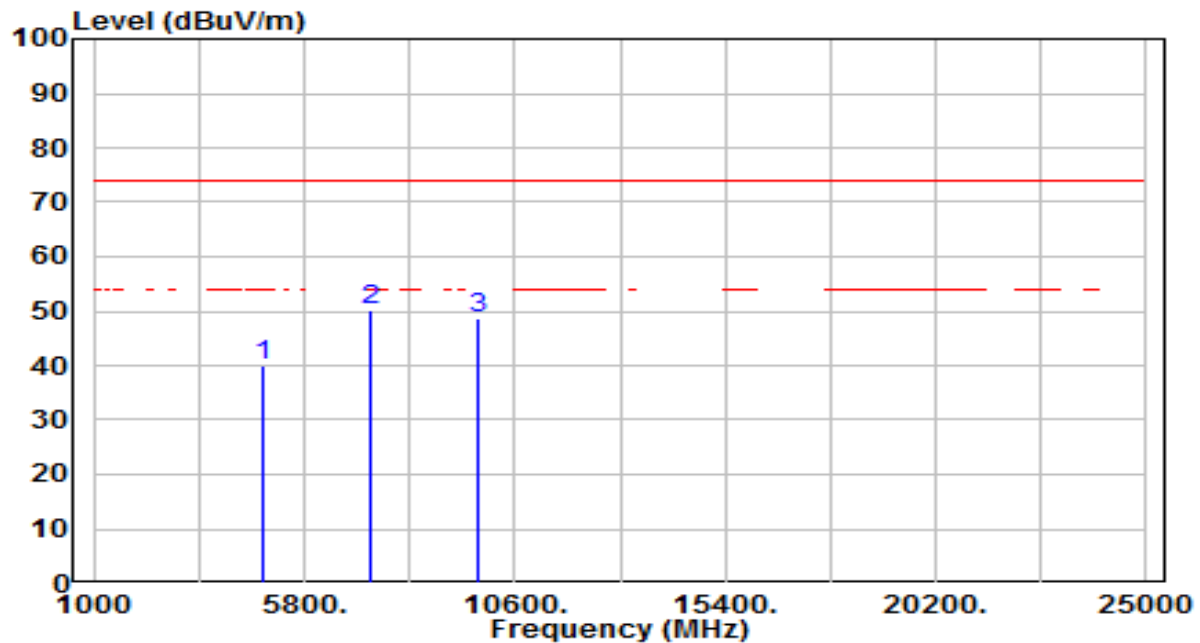


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4824.000	38.61	3.65	42.26	-31.74	74.00	150	360	Peak
2	* 7236.000	39.52	11.80	51.32	-22.68	74.00	150	360	Peak
3	9648.000	33.41	15.77	49.17	-24.83	74.00	150	360	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0	Test Voltage	By Notebook PC

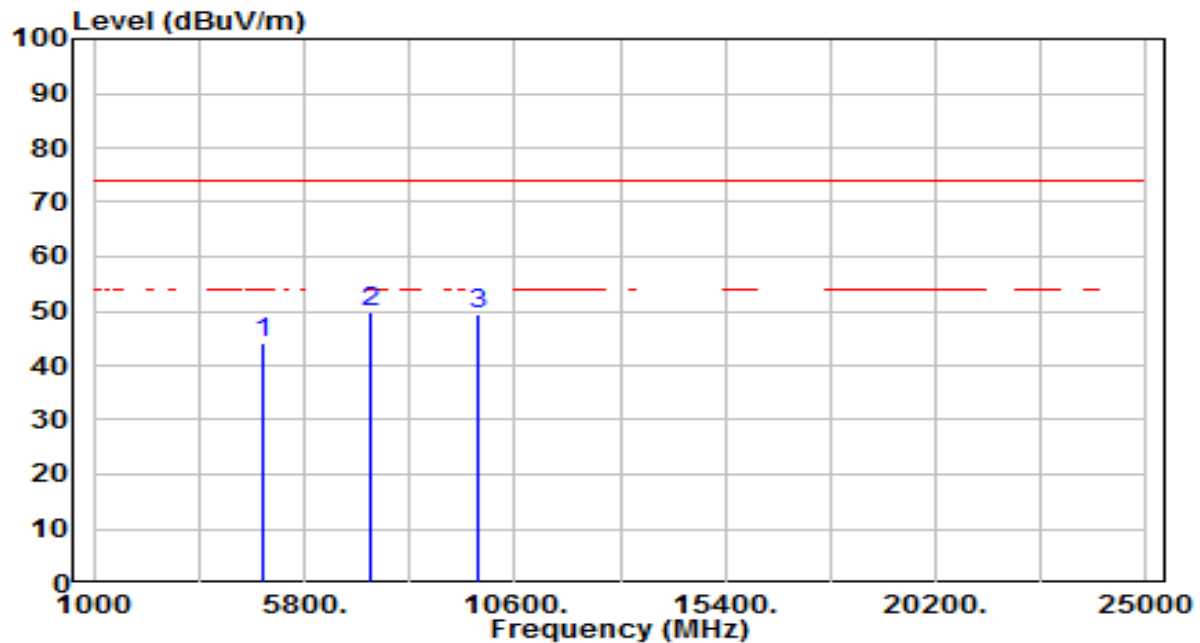


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4874.000	36.32	3.74	40.06	-33.94	74.00	150	360	Peak
2	* 7311.000	38.13	12.11	50.25	-23.75	74.00	150	360	Peak
3	9748.000	32.85	15.95	48.80	-25.20	74.00	150	360	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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_TX_CH 6_ANT 0	Test Voltage	By Notebook PC

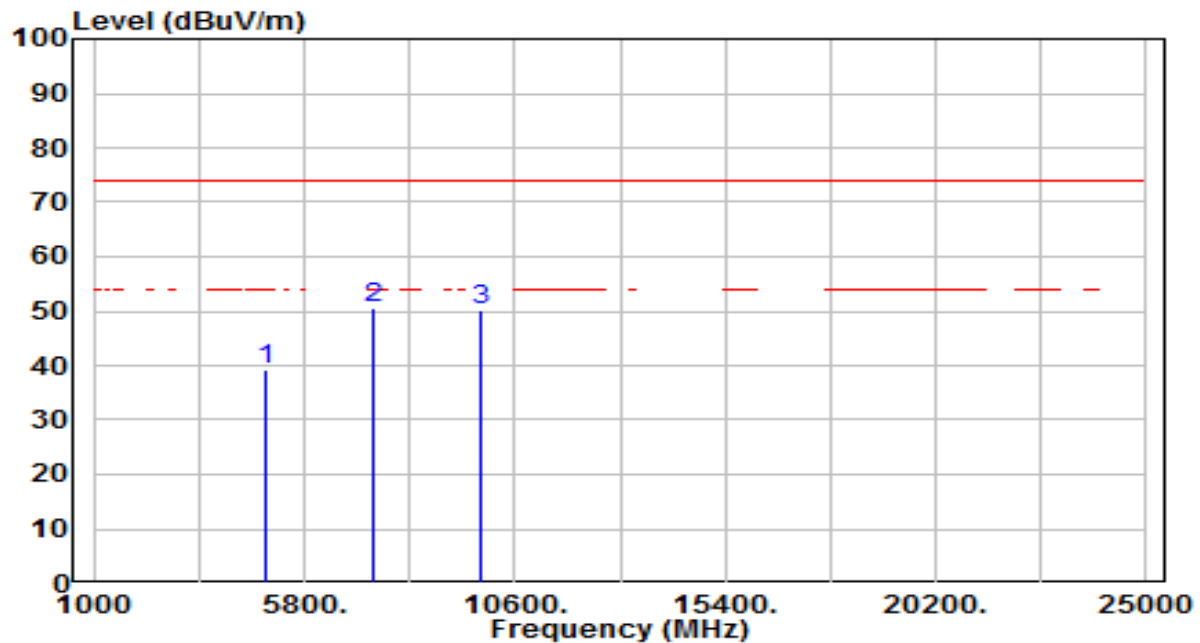


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4874.000	40.54	3.74	44.28	-29.72	74.00	150	360	Peak
2	* 7311.000	37.72	12.11	49.84	-24.16	74.00	150	360	Peak
3	9748.000	33.66	15.95	49.61	-24.39	74.00	150	360	Peak

Note:

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	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

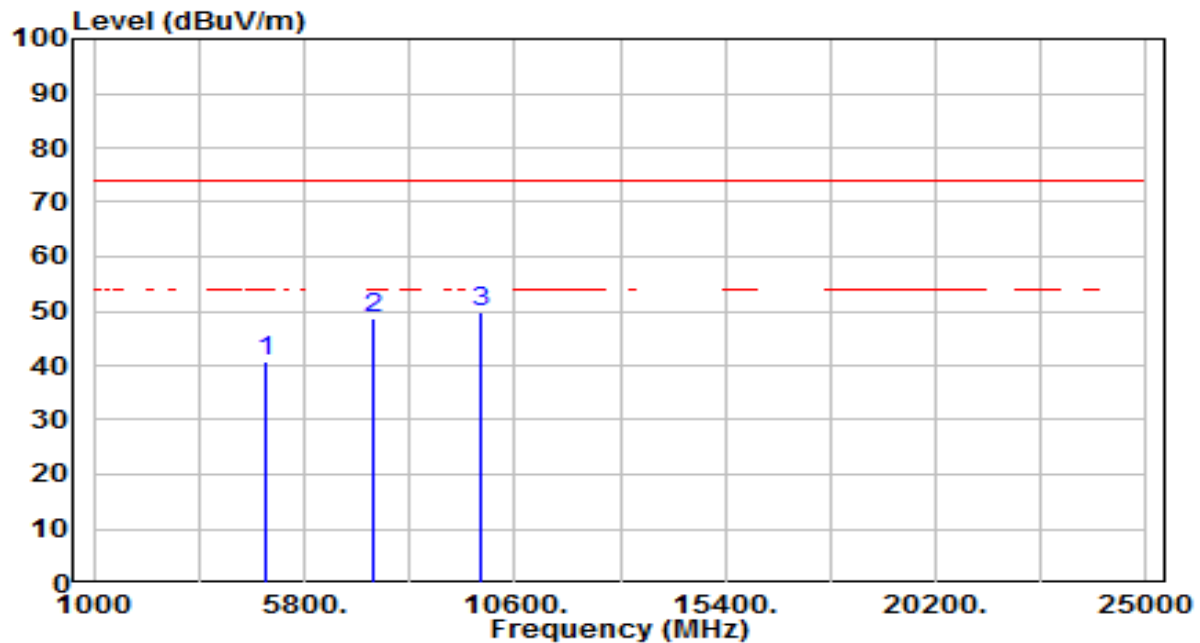


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4924.000	35.52	3.83	39.35	-34.65	74.00	150	360	Peak
2	* 7386.000	38.11	12.42	50.54	-23.46	74.00	150	360	Peak
3	9848.000	33.97	16.14	50.11	-23.89	74.00	150	360	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

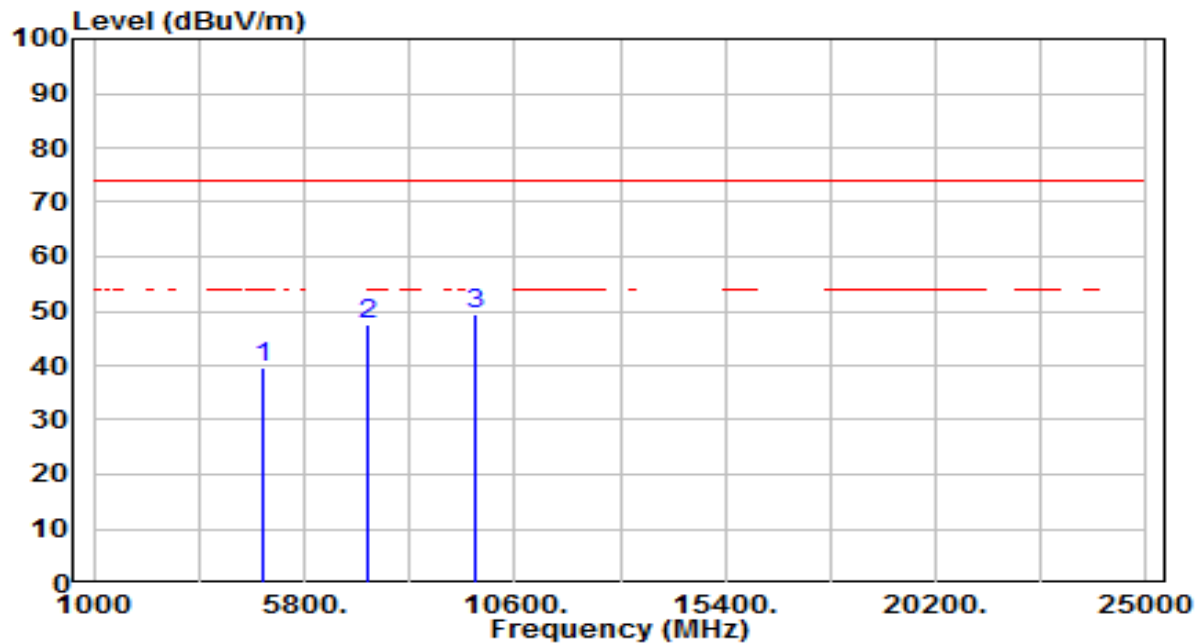


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4924.000	36.91	3.83	40.74	-33.26	74.00	150	360	Peak
2	7386.000	36.35	12.42	48.78	-25.22	74.00	150	360	Peak
3	* 9848.000	33.82	16.14	49.96	-24.04	74.00	150	360	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0	Test Voltage	By Notebook PC

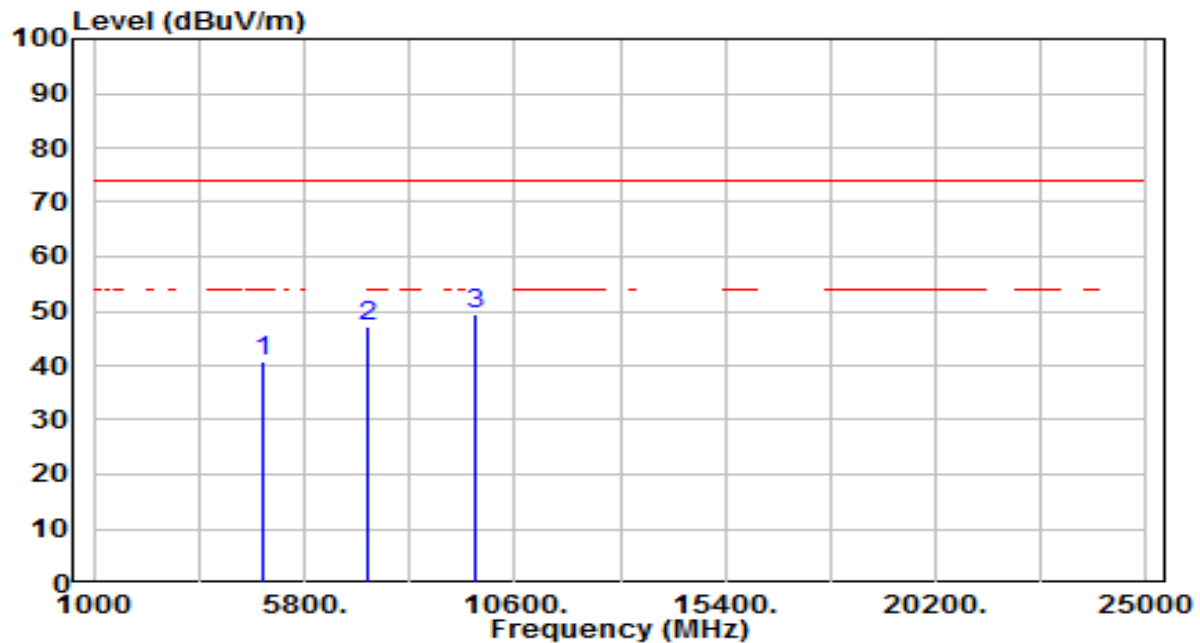


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4844.000	36.00	3.68	39.68	-34.32	74.00	150	360	Peak
2	7266.000	35.59	11.93	47.52	-26.48	74.00	150	360	Peak
3	* 9688.000	33.64	15.84	49.48	-24.52	74.00	150	360	Peak

Note:

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	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

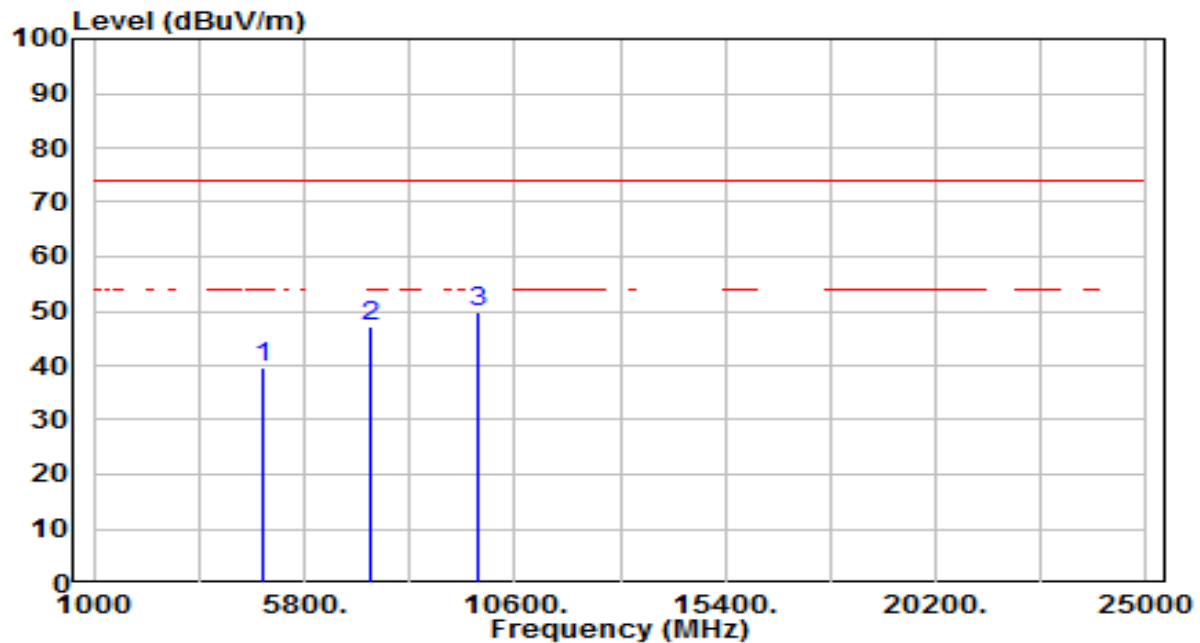


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4844.000	37.14	3.68	40.82	-33.18	74.00	150	360	Peak
2	7266.000	35.38	11.93	47.31	-26.69	74.00	150	360	Peak
3	* 9688.000	33.48	15.84	49.32	-24.68	74.00	150	360	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-40MHz_TX_CH 6_ANT 0	Test Voltage	By Notebook PC

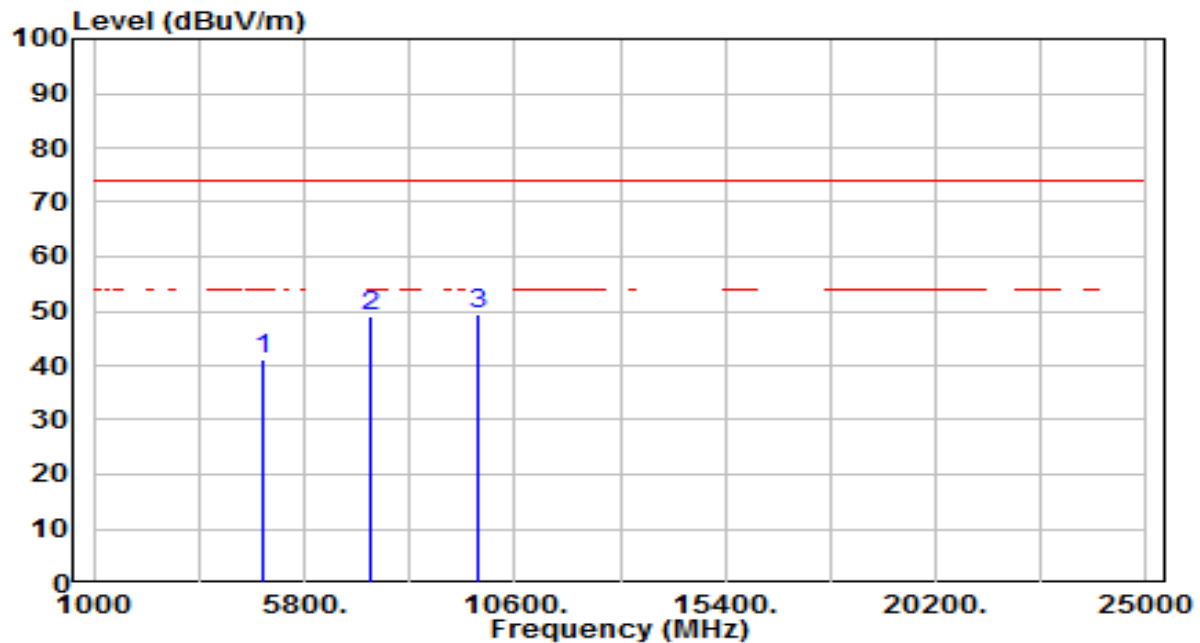


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4874.000	35.92	3.74	39.66	-34.34	74.00	150	360	Peak
2	7311.000	34.91	12.11	47.03	-26.97	74.00	150	360	Peak
3	* 9748.000	33.72	15.95	49.67	-24.33	74.00	150	360	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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-40MHz_TX_CH 6_ANT 0	Test Voltage	By Notebook PC

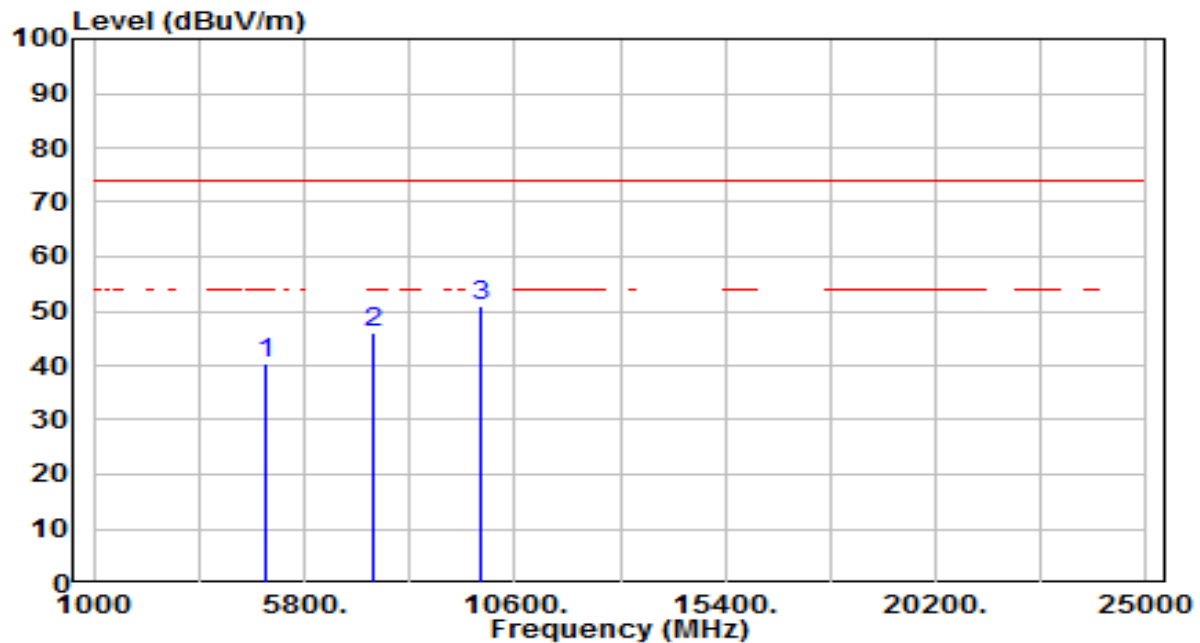


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4874.000	37.51	3.74	41.25	-32.75	74.00	150	360	Peak
2	7311.000	36.98	12.11	49.09	-24.91	74.00	150	360	Peak
3	* 9748.000	33.58	15.95	49.53	-24.47	74.00	150	360	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – 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	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0	Test Voltage	By Notebook PC

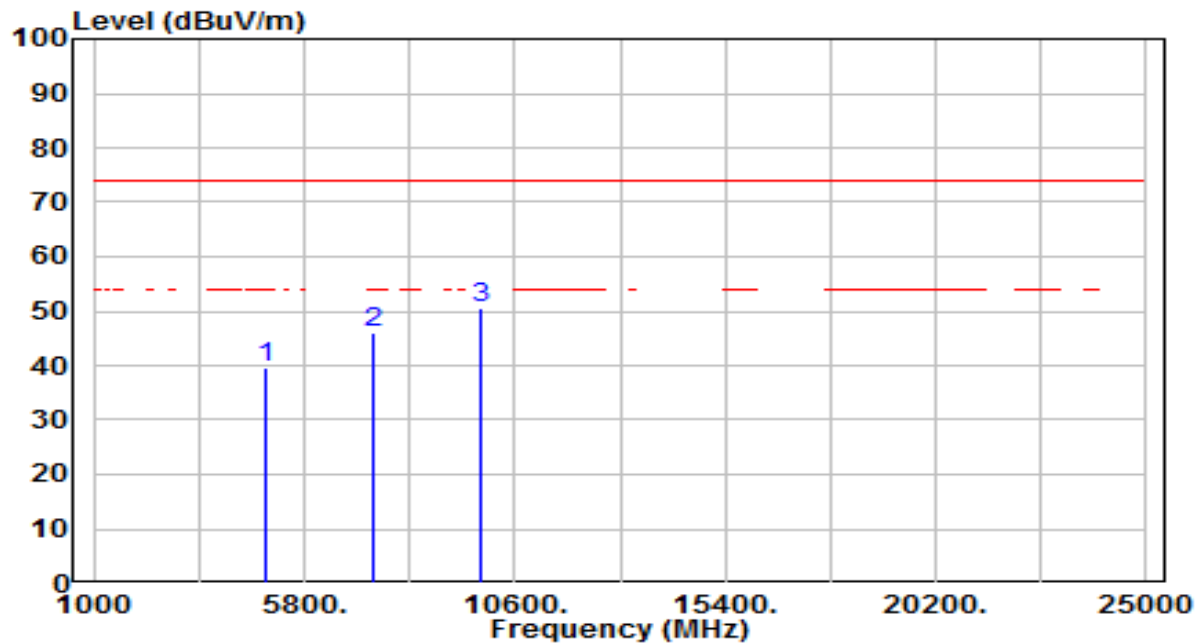


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4904.000	36.73	3.79	40.52	-33.48	74.00	150	360	Peak
2	7356.000	33.80	12.30	46.10	-27.90	74.00	150	360	Peak
3	* 9808.000	34.80	16.06	50.86	-23.14	74.00	150	360	Peak

Note:

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	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

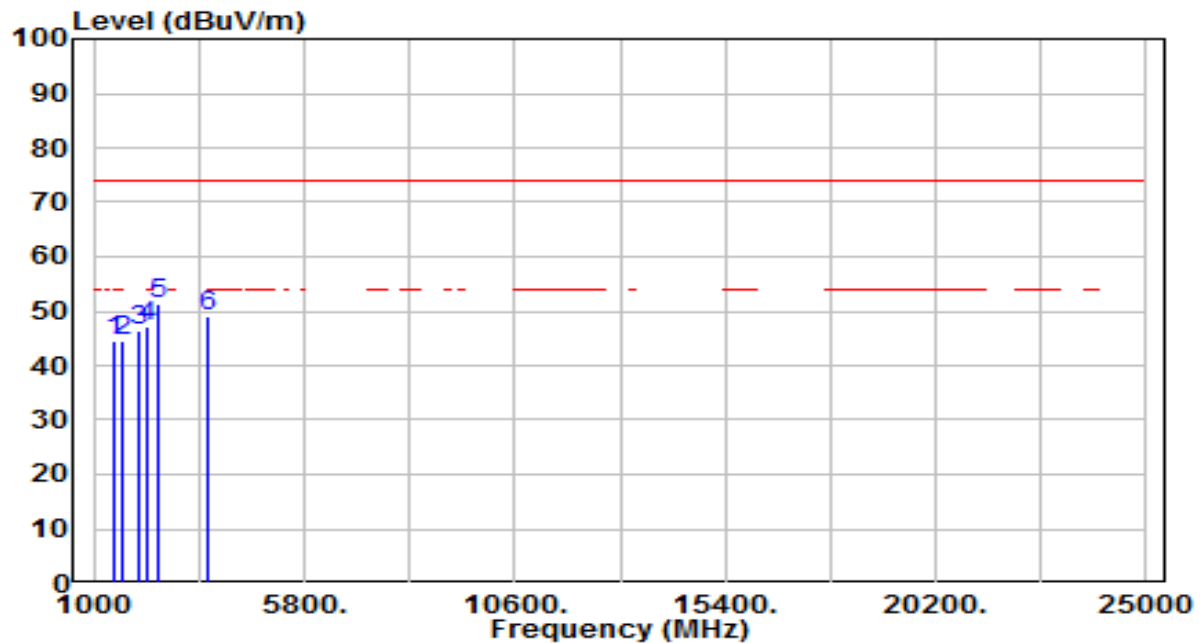


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4904.000	35.74	3.79	39.53	-34.47	74.00	150	360	Peak
2	7356.000	33.56	12.30	45.86	-28.14	74.00	150	360	Peak
3	* 9808.000	34.51	16.06	50.58	-23.42	74.00	150	360	Peak

Note:

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	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

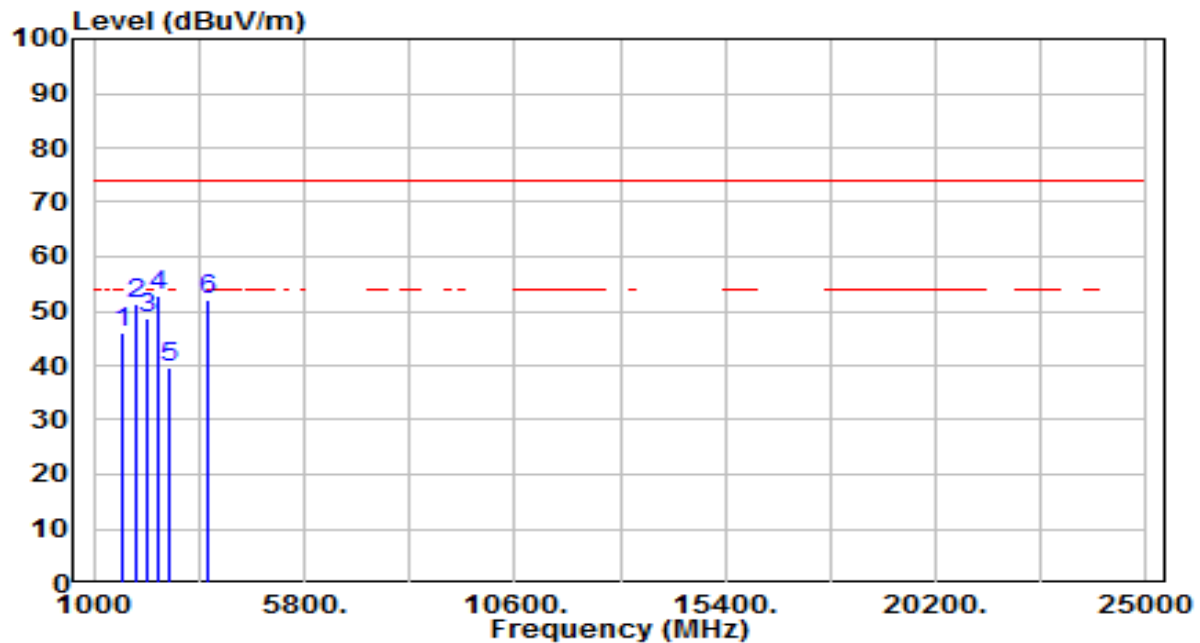


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	1439.875	49.14	-4.45	44.69	-29.31	74.00	150	360	Peak
2	1669.375	48.47	-3.88	44.59	-29.41	74.00	150	360	Peak
3	2003.531	49.75	-3.26	46.49	-27.51	74.00	150	360	Peak
4	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:

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	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

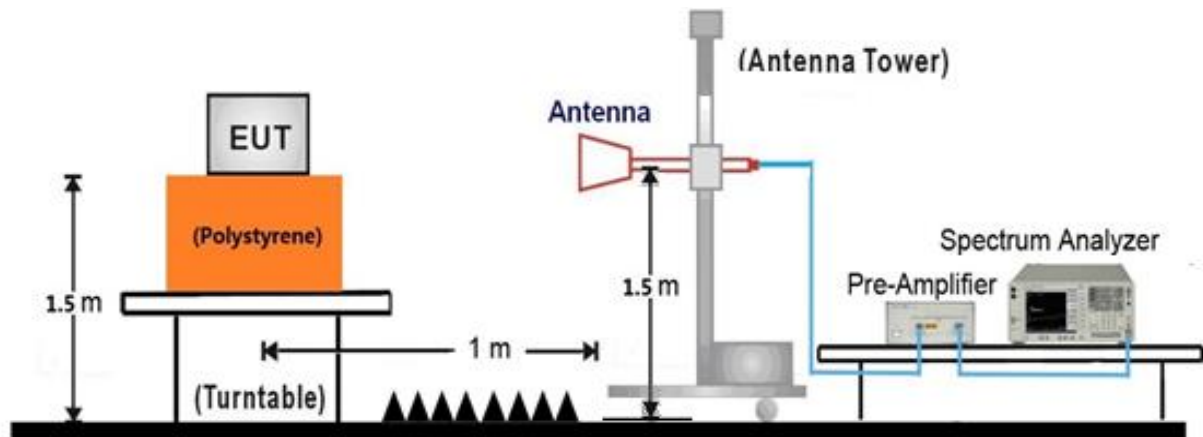
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

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

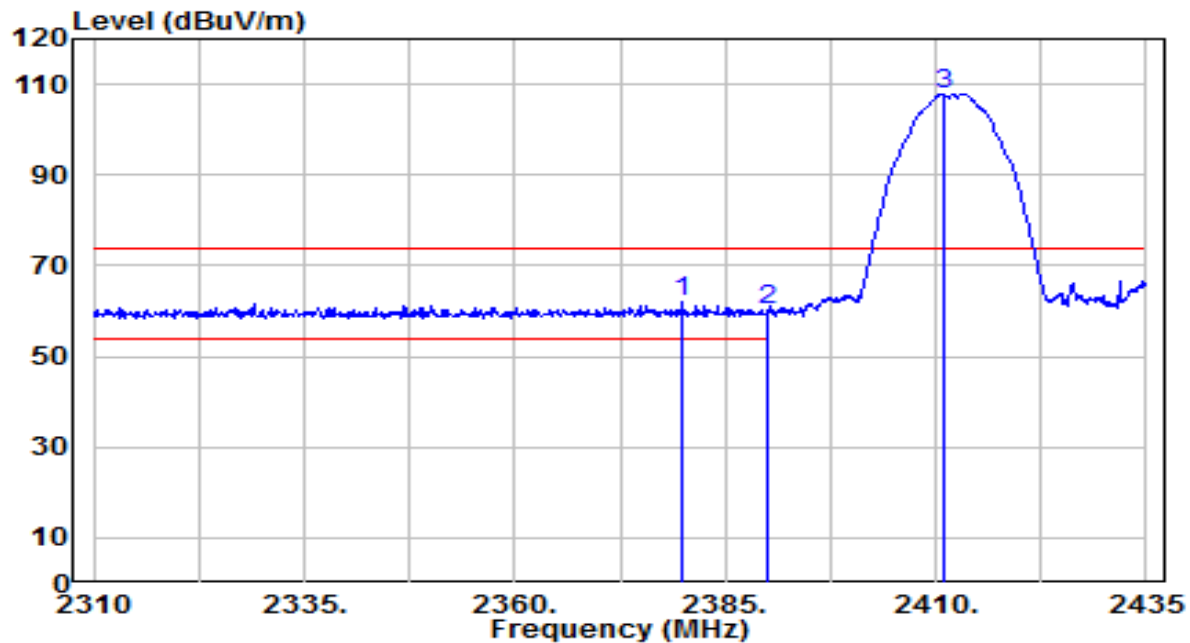
7.7.4. Test Setup

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

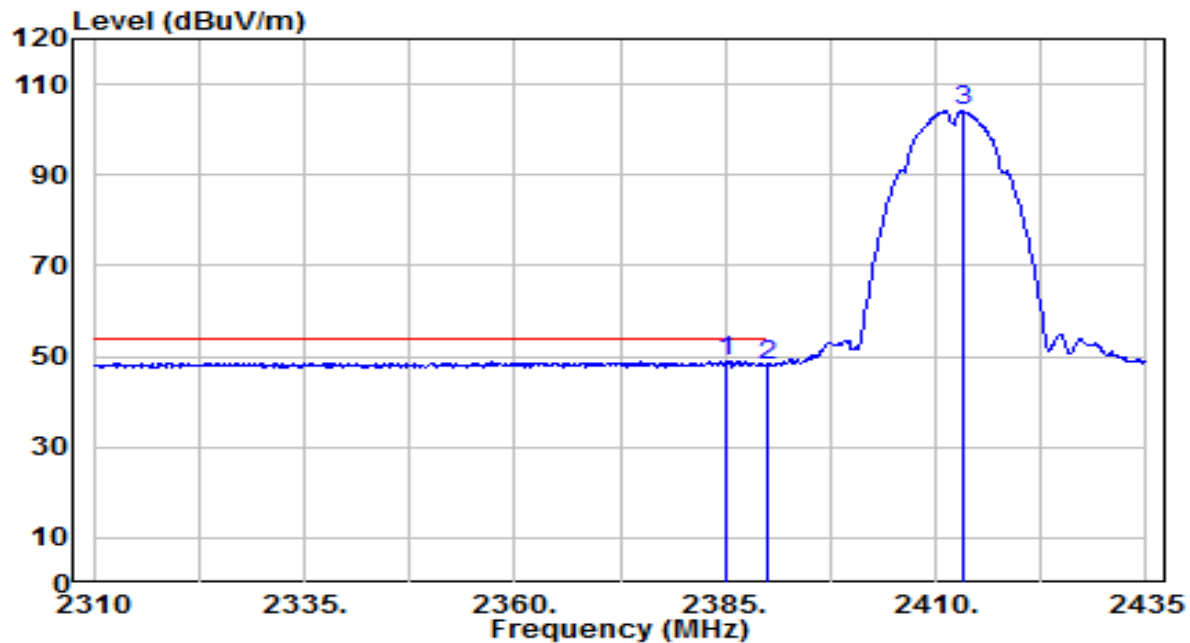


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2380.000	29.80	32.25	62.05	-11.95	74.00	140	235	Peak
2		2390.000	28.16	32.28	60.44	-13.56	74.00	140	235	Peak
3		2410.875	75.57	32.36	107.93	N/A	N/A	140	235	Peak

Note:

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 1_ANT 0	Test Voltage	By Notebook PC

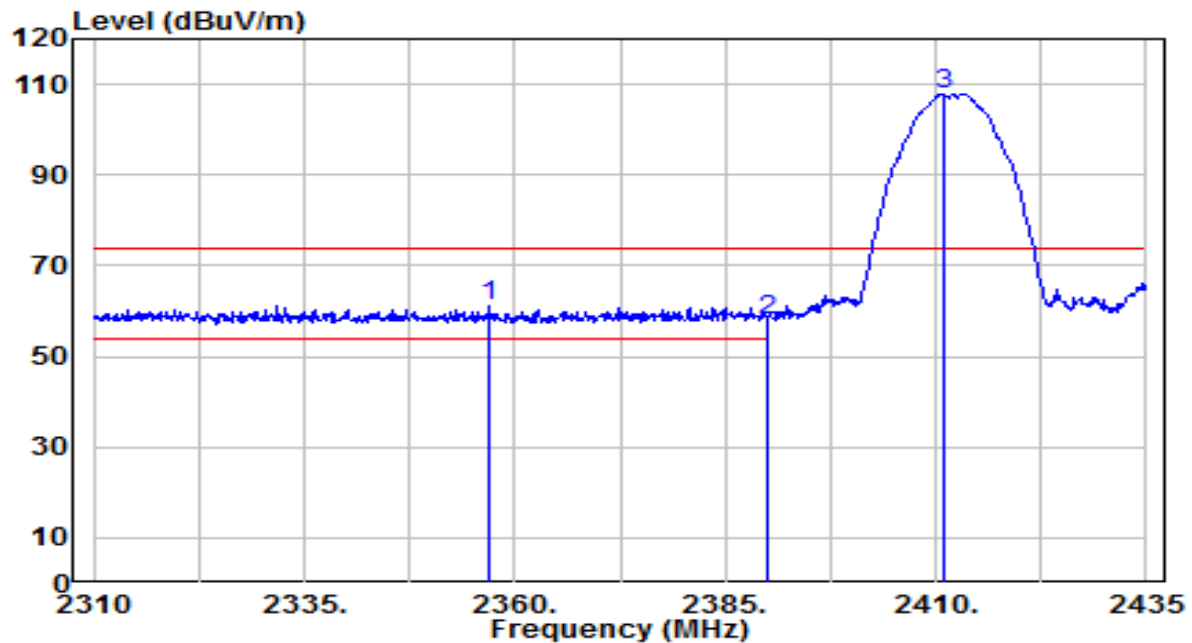


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2385.250	16.72	32.27	48.98	-5.02	54.00	140	235	Average
2		2390.000	15.85	32.28	48.13	-5.87	54.00	140	235	Average
3		2413.125	71.70	32.37	104.07	N/A	N/A	140	235	Average

Note:

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

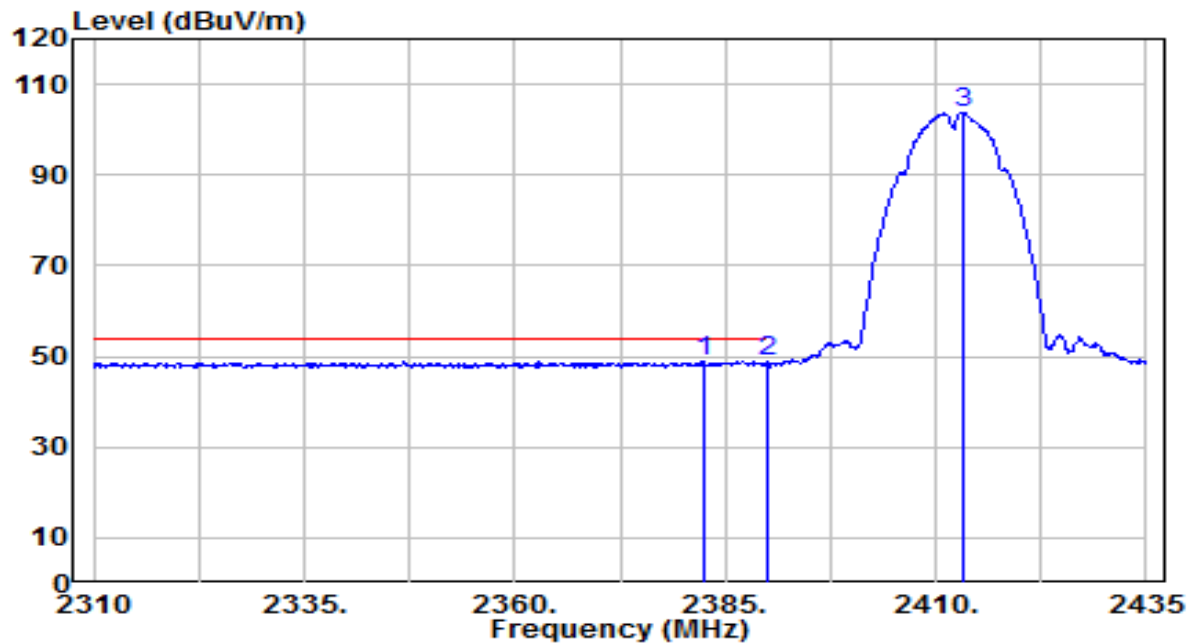


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2357.000	28.79	32.17	60.96	-13.04	74.00	125	300	Peak
2		2390.000	25.82	32.28	58.11	-15.89	74.00	125	300	Peak
3		2410.875	75.54	32.36	107.90	N/A	N/A	125	300	Peak

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

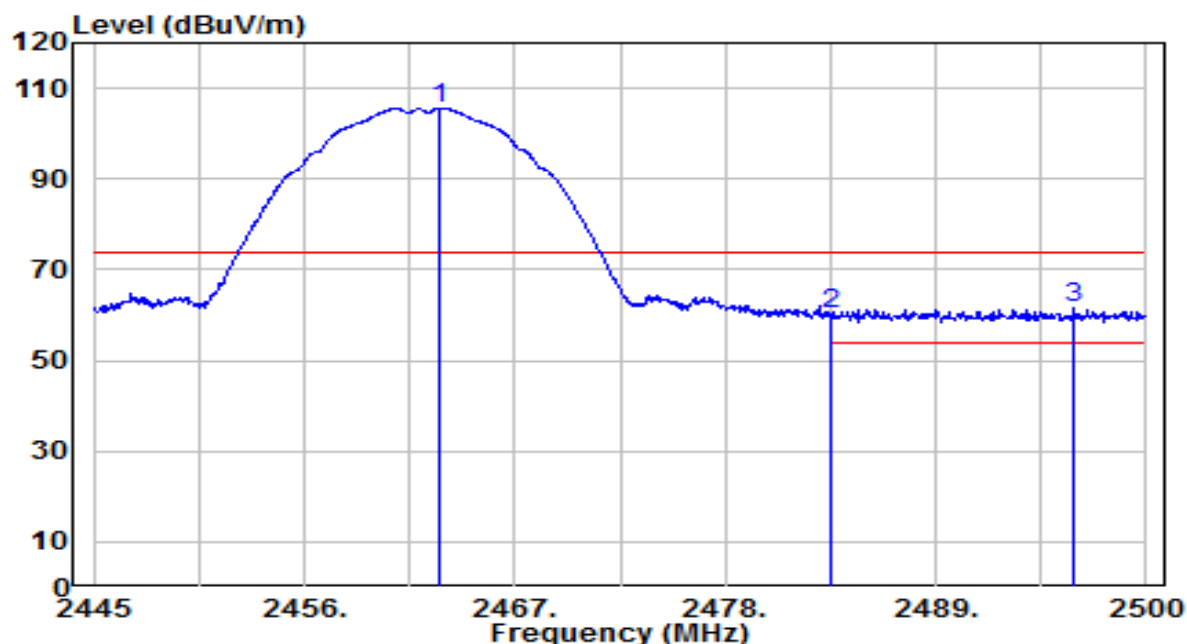


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2382.625	16.60	32.26	48.86	-5.14	54.00	125	300	Average
2		2390.000	16.40	32.28	48.69	-5.31	54.00	125	300	Average
3		2413.250	71.45	32.37	103.81	N/A	N/A	125	300	Average

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

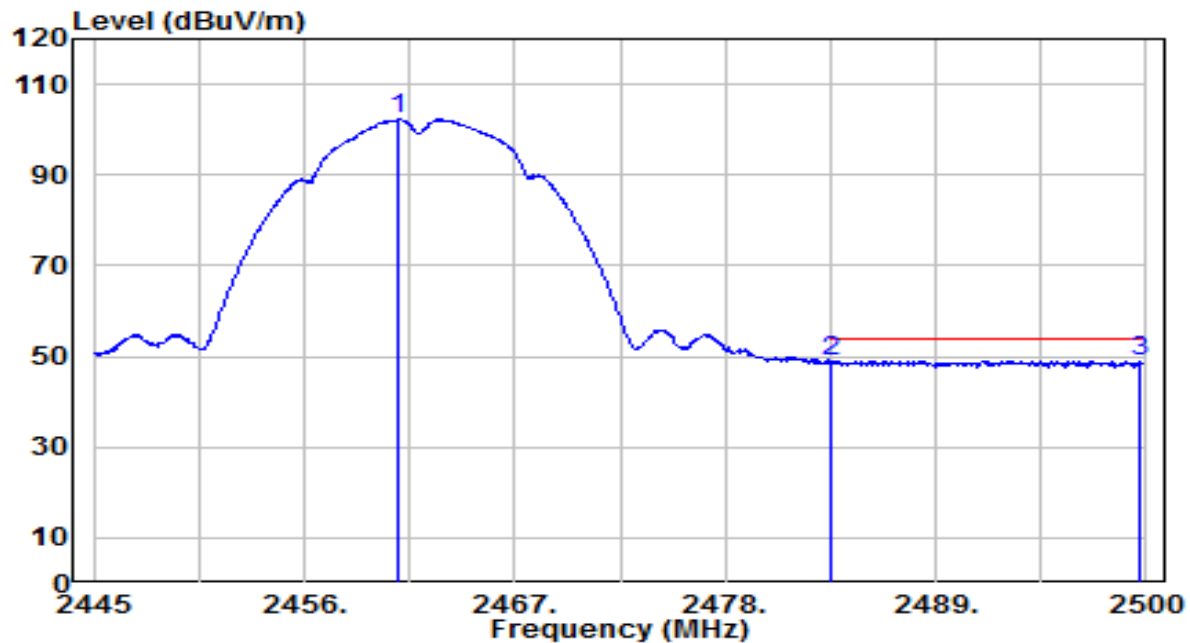


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.095	73.11	32.55	105.66	N/A	N/A	200	240	Peak
2	2483.500	27.57	32.62	60.19	-13.81	74.00	200	240	Peak
3	* 2496.260	28.80	32.67	61.46	-12.54	74.00	200	240	Peak

Note:

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

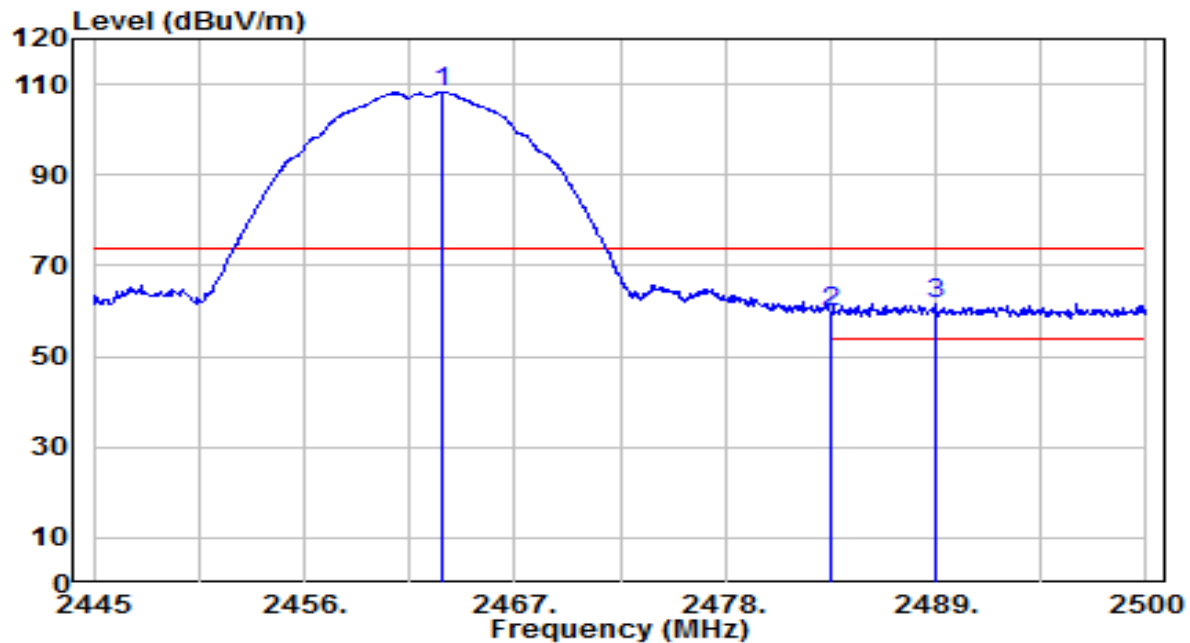


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2460.895	69.63	32.54	102.17	N/A	N/A	200	240	Average
2	2483.500	16.26	32.62	48.88	-5.12	54.00	200	240	Average
3	* 2499.725	16.37	32.68	49.04	-4.96	54.00	200	240	Average

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

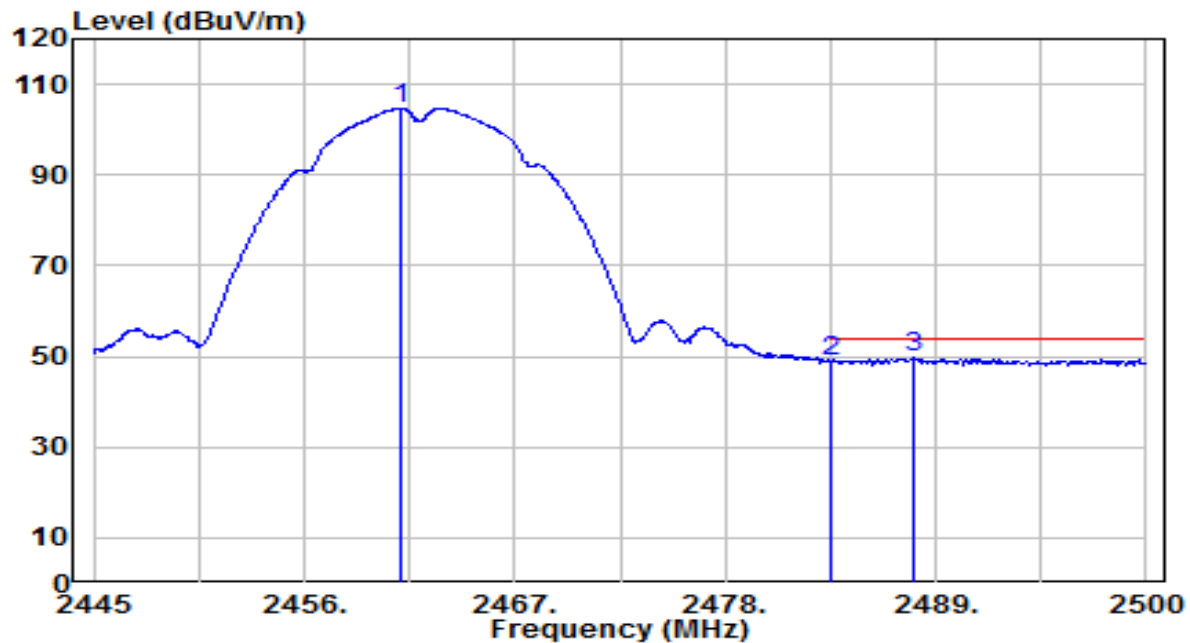


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.205	75.65	32.55	108.19	N/A	N/A	160	310	Peak
2	2483.500	27.08	32.62	59.70	-14.30	74.00	160	310	Peak
3	* 2488.945	28.90	32.64	61.54	-12.46	74.00	160	310	Peak

Note:

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 11_ANT 0	Test Voltage	By Notebook PC

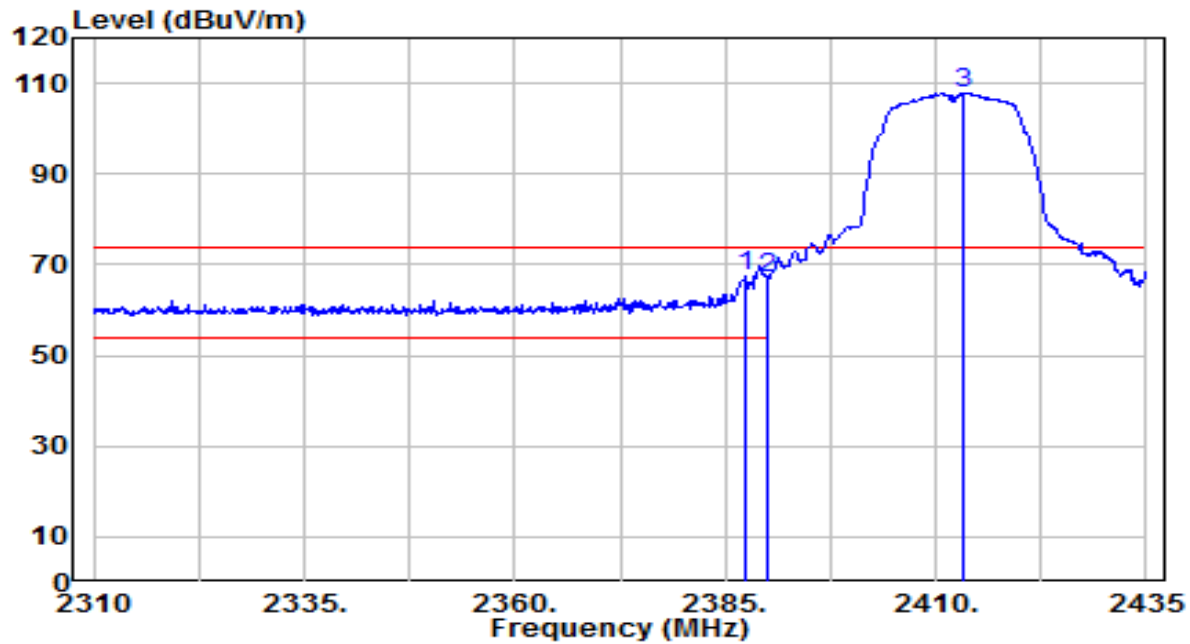


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2461.005	72.12	32.54	104.66	N/A	N/A	160	310	Average
2	2483.500	16.36	32.62	48.98	-5.02	54.00	160	310	Average
3	* 2487.845	17.00	32.64	49.64	-4.36	54.00	160	310	Average

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

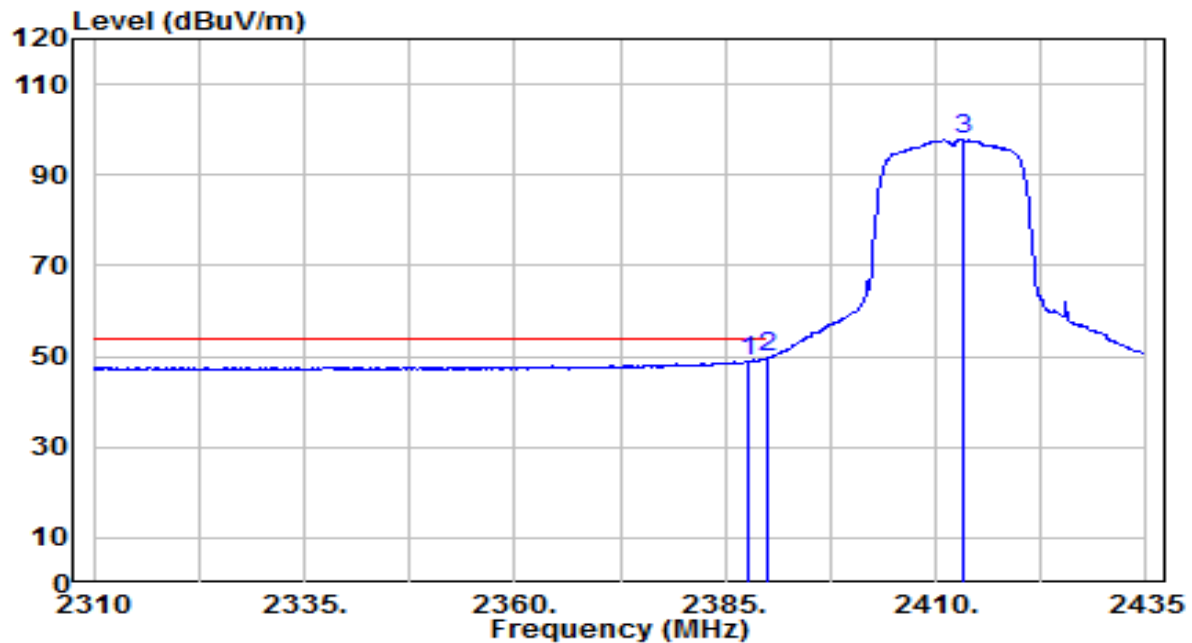


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2387.375	35.24	32.27	67.51	-6.49	74.00	140	235	Peak
2		2390.000	34.90	32.28	67.19	-6.81	74.00	140	235	Peak
3		2413.375	75.48	32.37	107.85	N/A	N/A	140	235	Peak

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

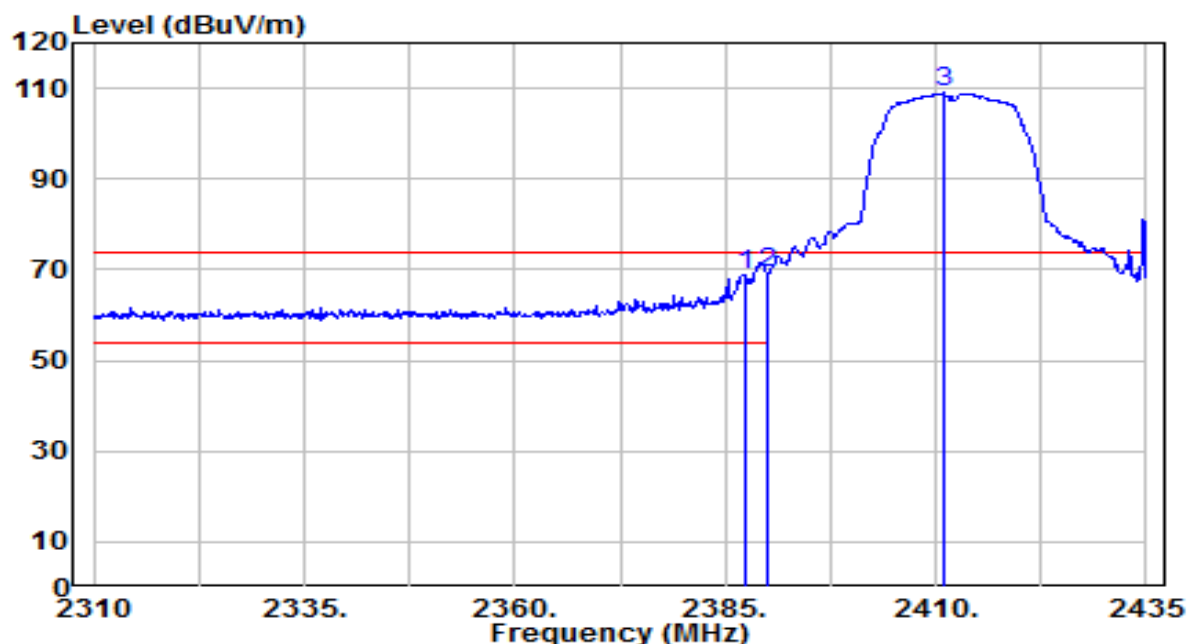


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2387.875	16.80	32.28	49.08	-4.92	54.00	140	235	Average
2	* 2390.000	17.35	32.28	49.63	-4.37	54.00	140	235	Average
3	2413.125	65.48	32.37	97.84	N/A	N/A	140	235	Average

Note:

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	802.11g_TX_CH 1_ANT 0	Test Voltage	By Notebook PC

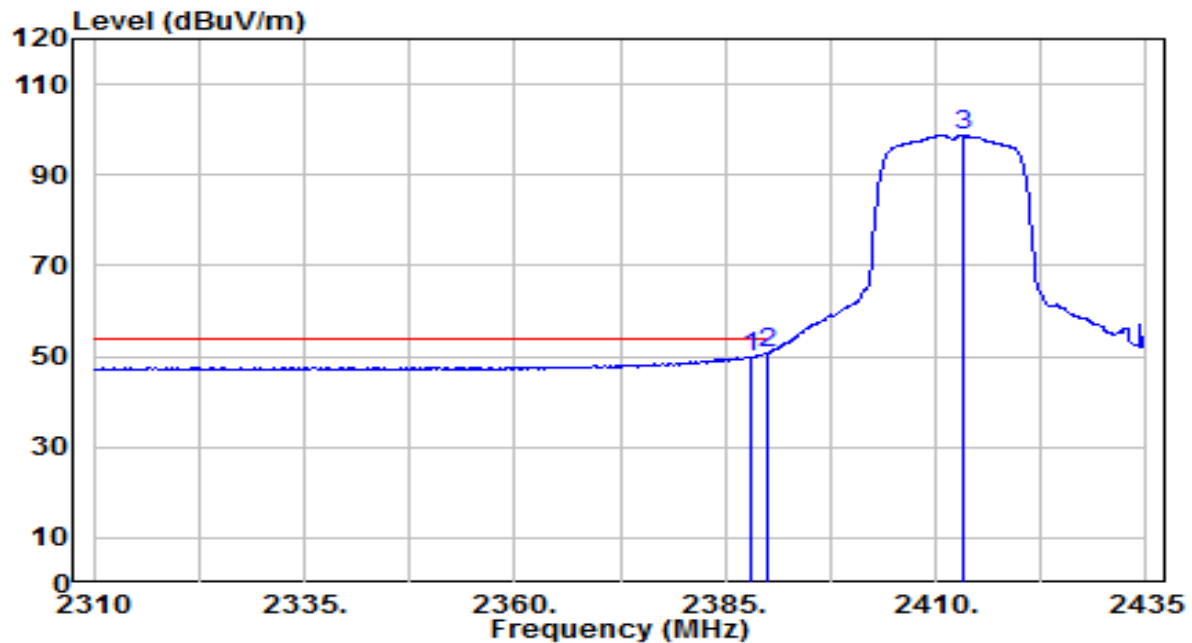


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2387.250	36.75	32.27	69.02	-4.98	74.00	125	300	Peak
2	* 2390.000	37.07	32.28	69.35	-4.65	74.00	125	300	Peak
3	2411.000	76.70	32.36	109.06	N/A	N/A	125	300	Peak

Note:

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	802.11g_TX_CH 1_ANT 0	Test Voltage	By Notebook PC

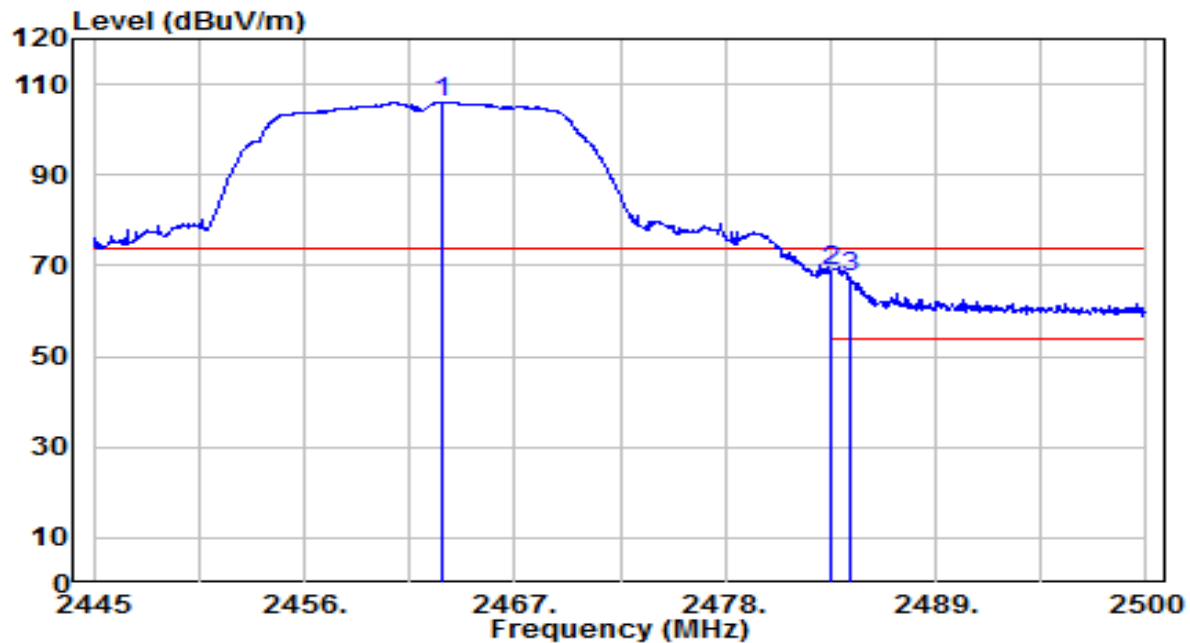


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2388.000	17.68	32.28	49.96	-4.04	54.00	125	300	Average
2	* 2390.000	18.42	32.28	50.70	-3.30	54.00	125	300	Average
3	2413.125	66.51	32.37	98.87	N/A	N/A	125	300	Average

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

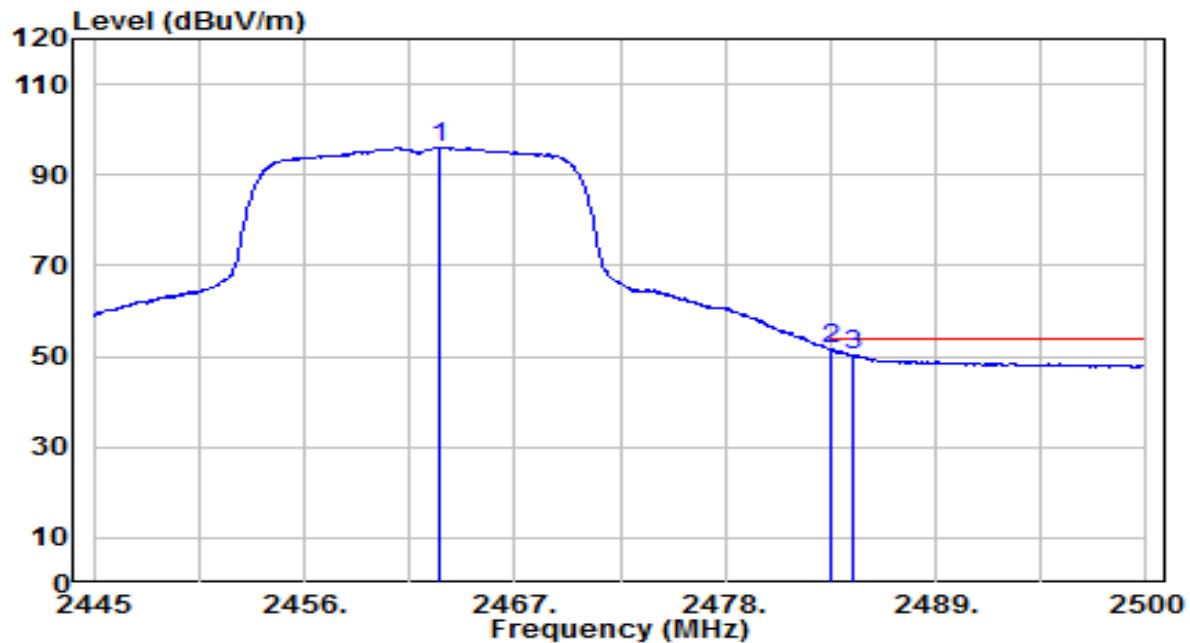


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.260	73.56	32.55	106.11	N/A	N/A	200	240	Peak
2	* 2483.500	36.27	32.62	68.89	-5.11	74.00	200	240	Peak
3	2484.545	34.80	32.62	67.43	-6.57	74.00	200	240	Peak

Note:

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

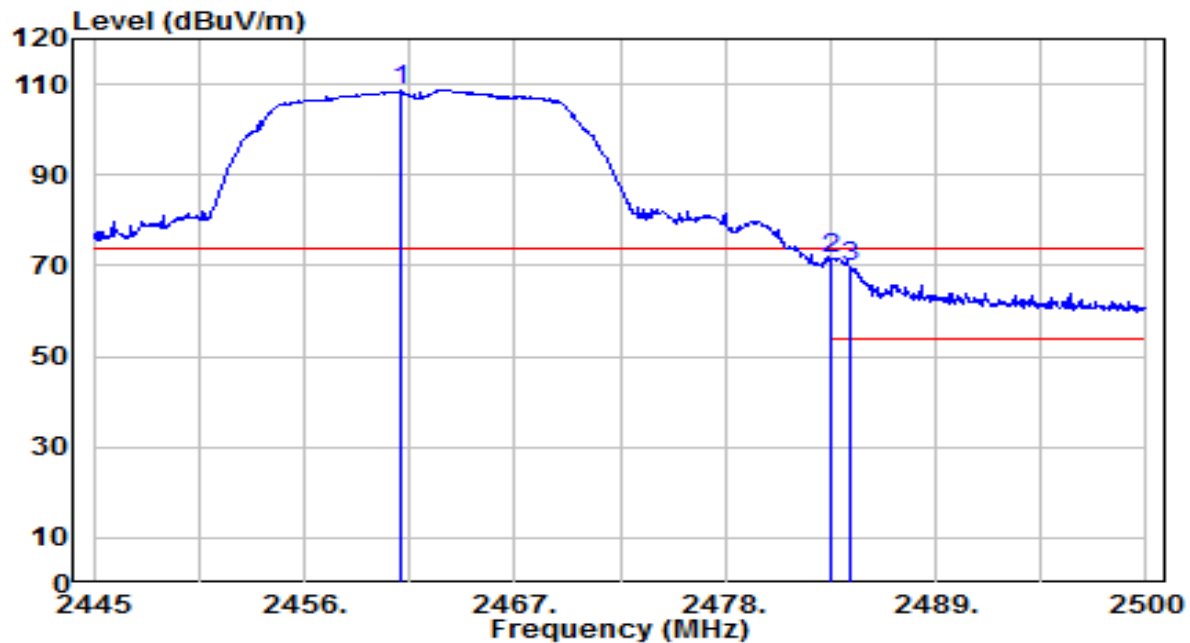


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.095	63.60	32.55	96.15	N/A	N/A	200	240	Average
2	* 2483.500	19.15	32.62	51.77	-2.23	54.00	200	240	Average
3	2484.710	17.76	32.62	50.38	-3.62	54.00	200	240	Average

Note:

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	802.11g_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

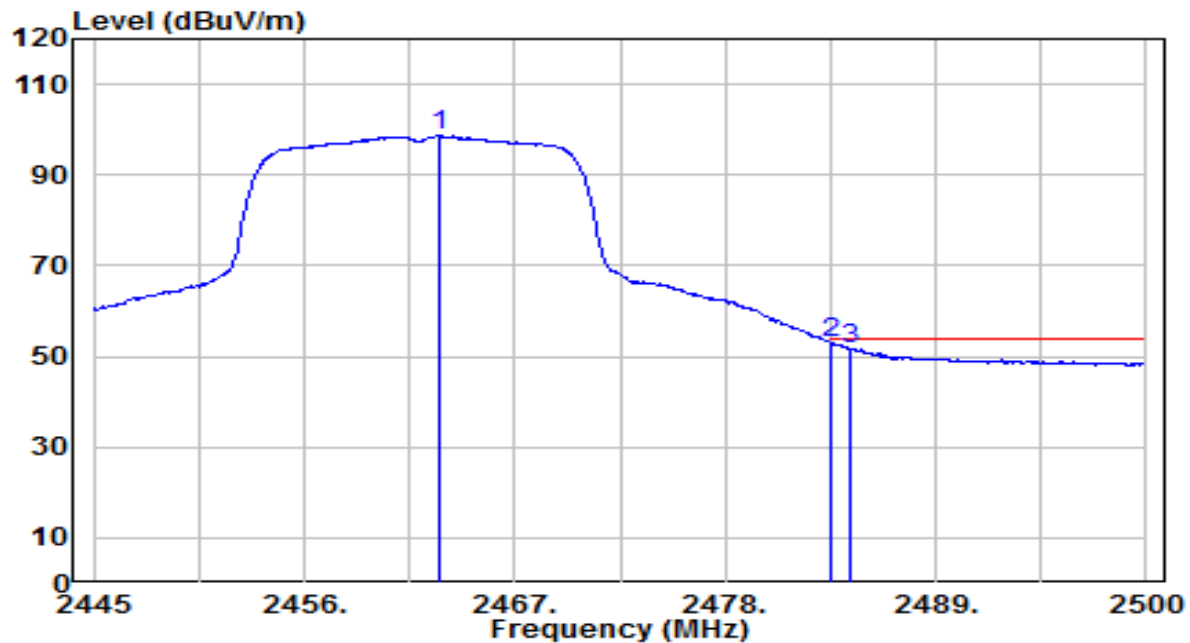


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2461.060	76.13	32.54	108.67	N/A	N/A	160	310	Peak
2	* 2483.500	38.82	32.62	71.44	-2.56	74.00	160	310	Peak
3	2484.545	37.30	32.62	69.93	-4.07	74.00	160	310	Peak

Note:

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	802.11g_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

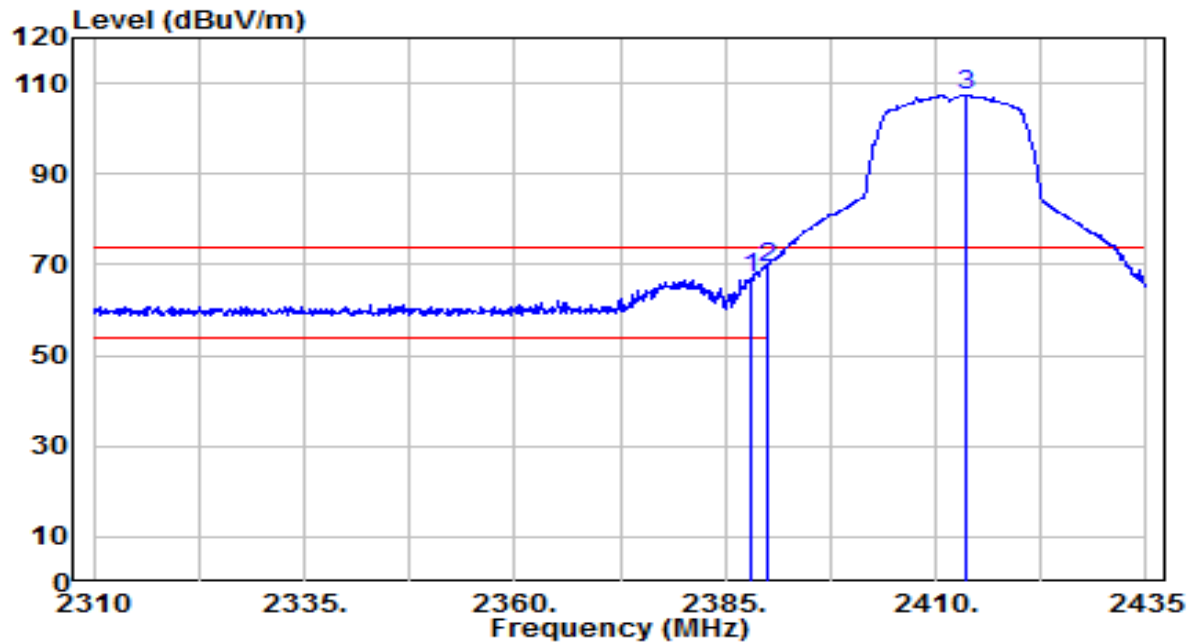


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.040	66.10	32.55	98.65	N/A	N/A	160	310	Average
2	* 2483.500	20.44	32.62	53.06	-0.94	54.00	160	310	Average
3	2484.490	19.05	32.62	51.67	-2.33	54.00	160	310	Average

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

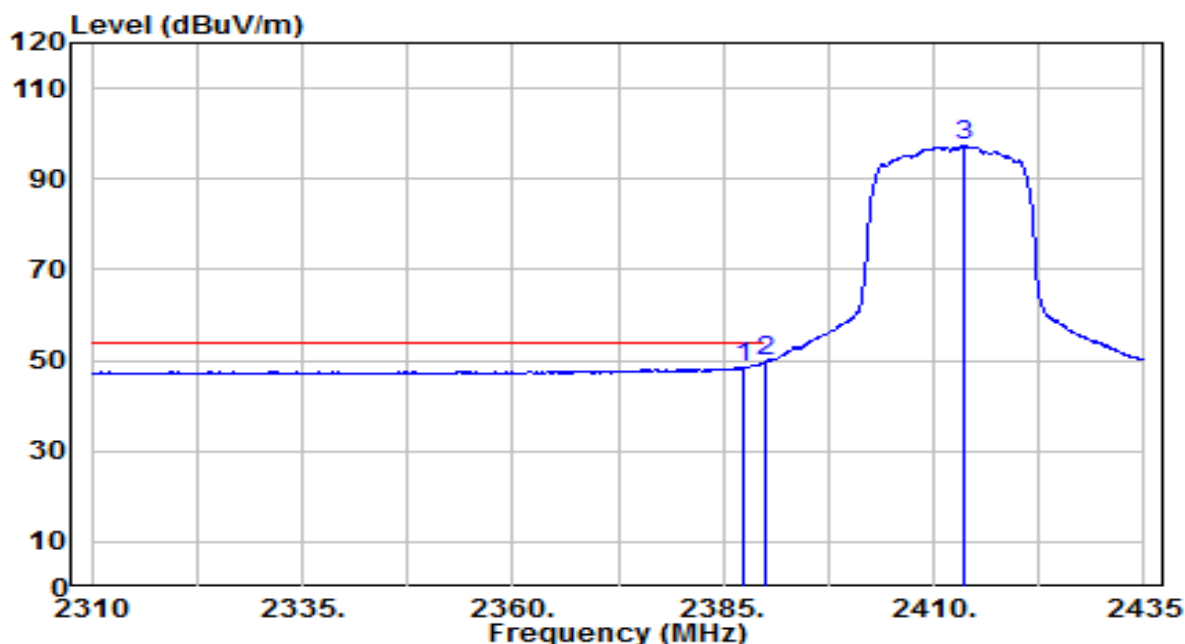


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2388.000	34.74	32.28	67.02	-6.98	74.00	140	235	Peak
2	* 2390.000	36.88	32.28	69.17	-4.83	74.00	140	235	Peak
3	2413.500	75.08	32.37	107.45	N/A	N/A	140	235	Peak

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

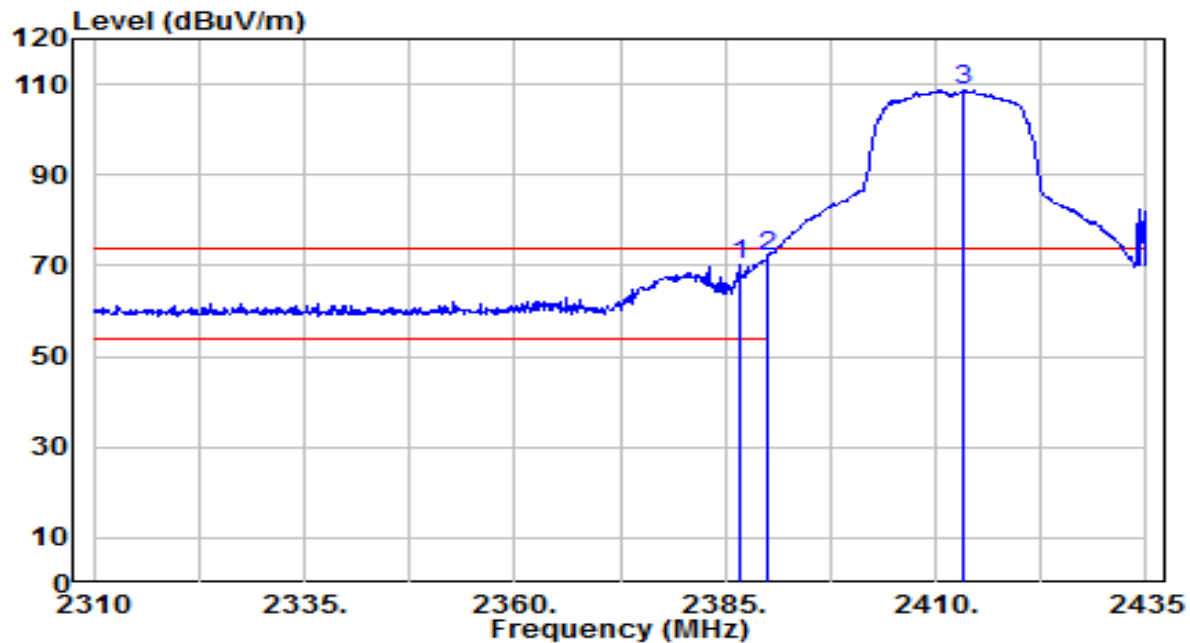


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2387.375	16.39	32.27	48.66	-5.34	54.00	140	235	Average
2	* 2390.000	17.31	32.28	49.60	-4.40	54.00	140	235	Average
3	2413.750	64.90	32.37	97.27	N/A	N/A	140	235	Average

Note:

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	802.11n-20MHz_TX_CH 1_ANT 0	Test Voltage	By Notebook PC

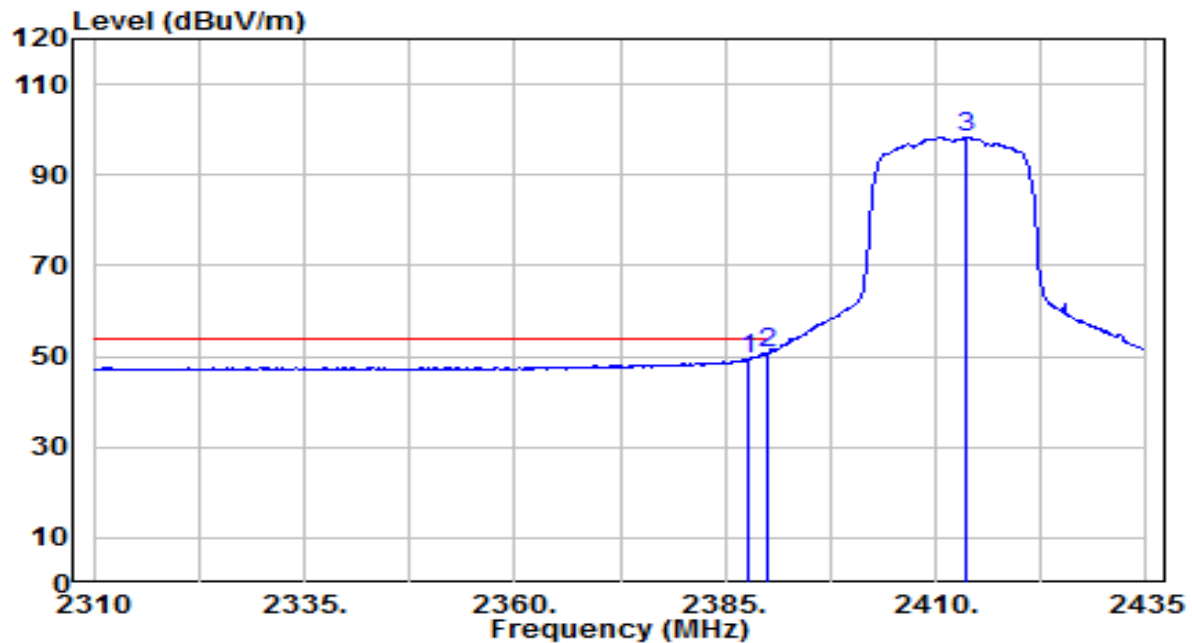


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2386.625	38.08	32.27	70.35	-3.65	74.00	125	300	Peak
2	* 2390.000	39.62	32.28	71.91	-2.09	74.00	125	300	Peak
3	2413.375	76.23	32.37	108.60	N/A	N/A	125	300	Peak

Note:

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	802.11n-20MHz_TX_CH 1_ANT 0	Test Voltage	By Notebook PC

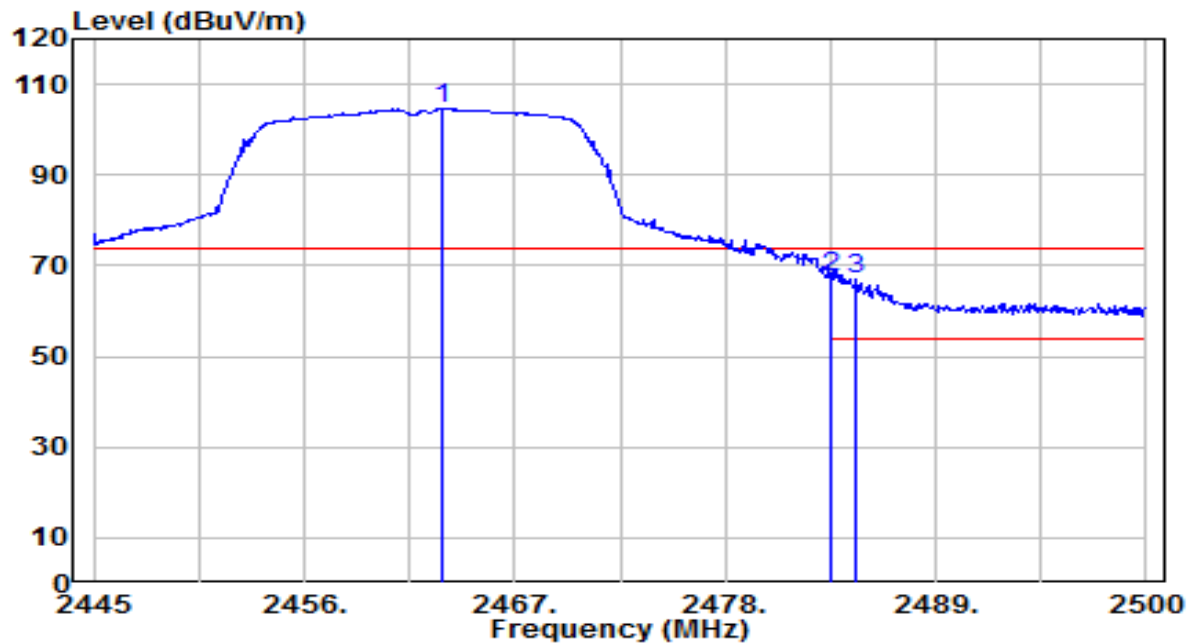


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2387.875	17.25	32.28	49.53	-4.47	54.00	125	300	Average
2	* 2390.000	18.46	32.28	50.75	-3.25	54.00	125	300	Average
3	2413.500	66.02	32.37	98.39	N/A	N/A	125	300	Average

Note:

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 11_ANT 0	Test Voltage	By Notebook PC

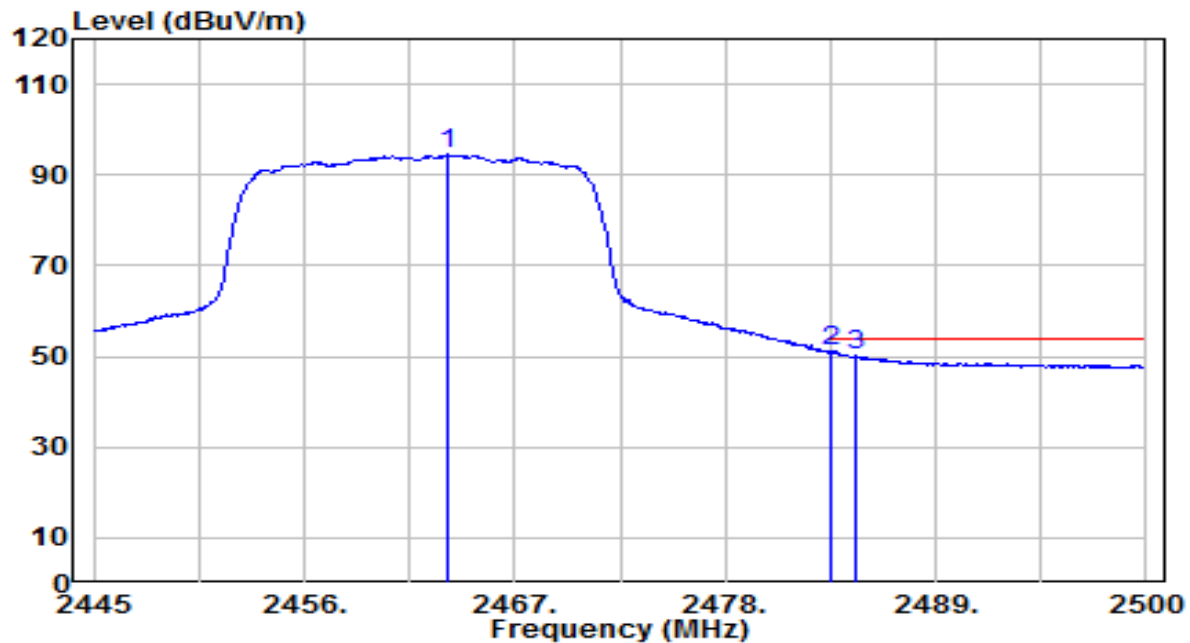


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.260	72.25	32.55	104.80	N/A	N/A	200	240	Peak
2	* 2483.500	34.91	32.62	67.53	-6.47	74.00	200	240	Peak
3	2484.820	34.56	32.63	67.19	-6.81	74.00	200	240	Peak

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

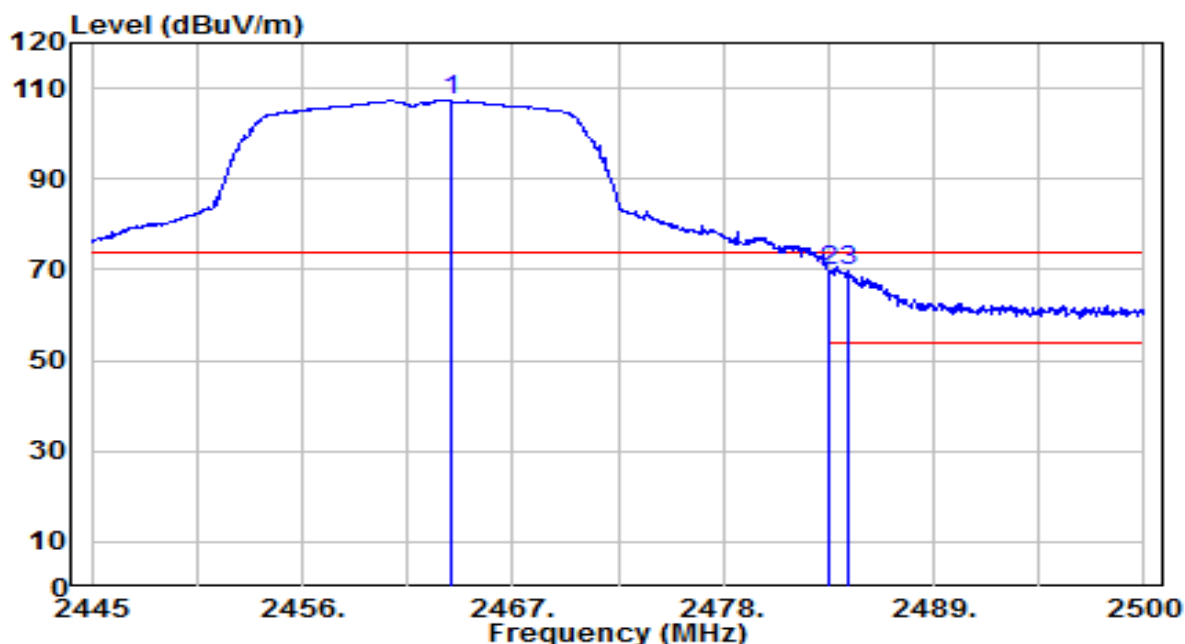


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.480	61.93	32.55	94.48	N/A	N/A	200	240	Average
2	* 2483.500	18.55	32.62	51.17	-2.83	54.00	200	240	Average
3	2484.820	17.57	32.63	50.19	-3.81	54.00	200	240	Average

Note:

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	802.11n-20MHz_TX_CH 11_ANT 0	Test Voltage	By Notebook PC

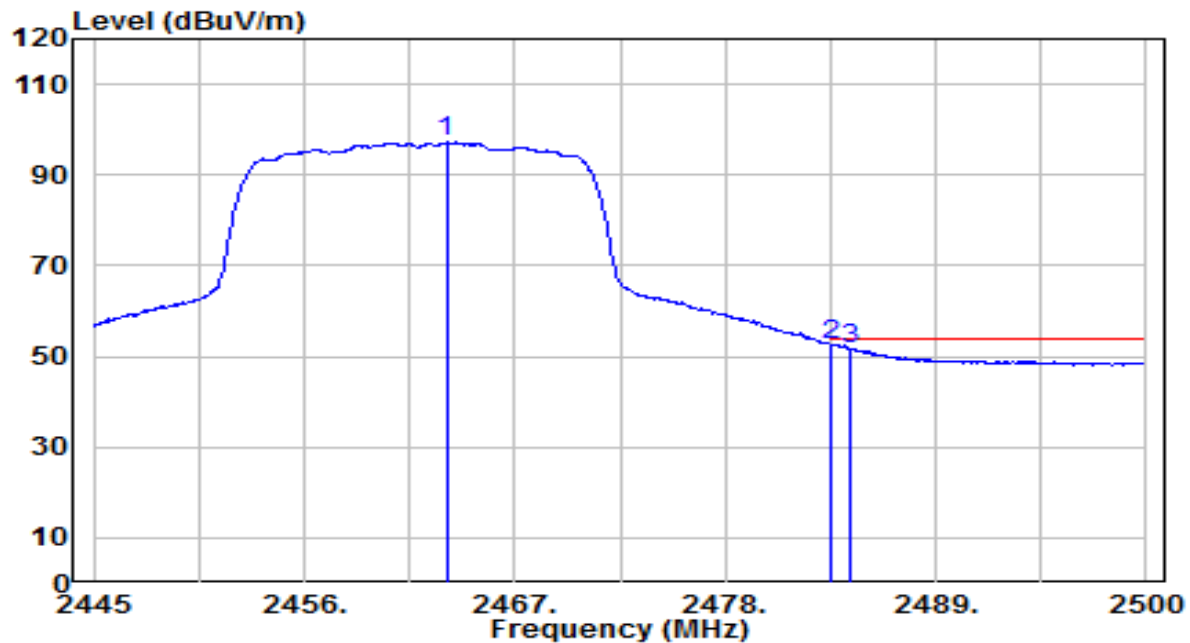


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.755	74.83	32.55	107.38	N/A	N/A	160	310	Peak
2	* 2483.500	37.23	32.62	69.85	-4.15	74.00	160	310	Peak
3	2484.490	37.12	32.62	69.75	-4.25	74.00	160	310	Peak

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

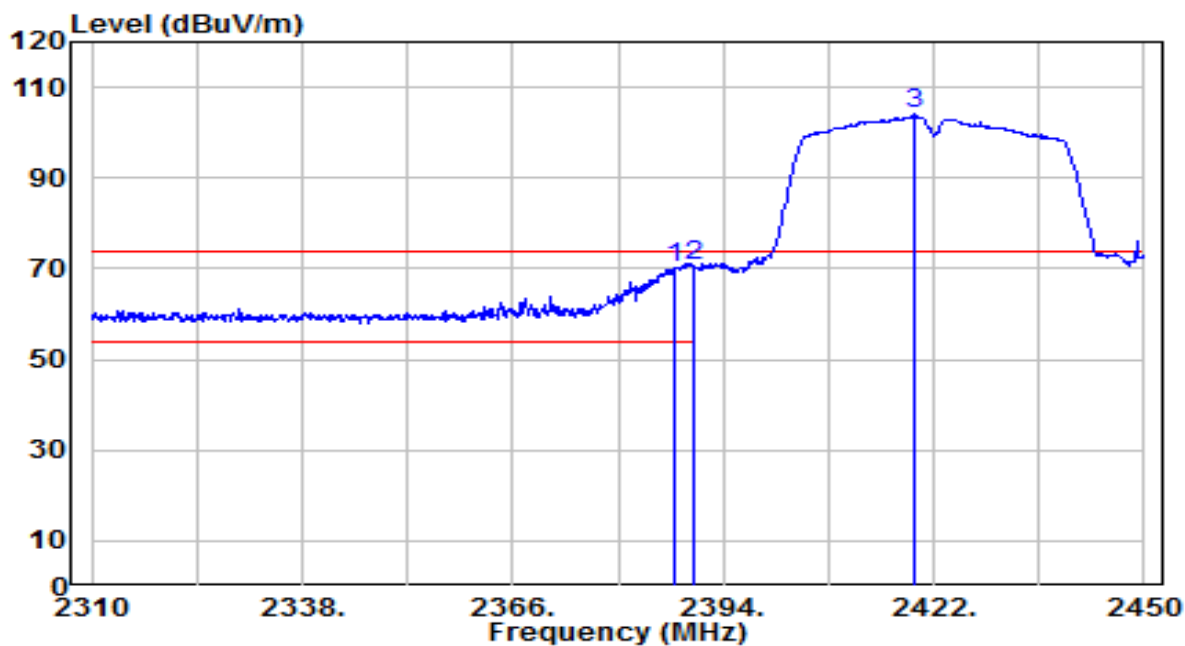


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2463.425	64.63	32.55	97.17	N/A	N/A	160	310	Average
2	* 2483.500	20.04	32.62	52.66	-1.34	54.00	160	310	Average
3	2484.490	19.19	32.62	51.81	-2.19	54.00	160	310	Average

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

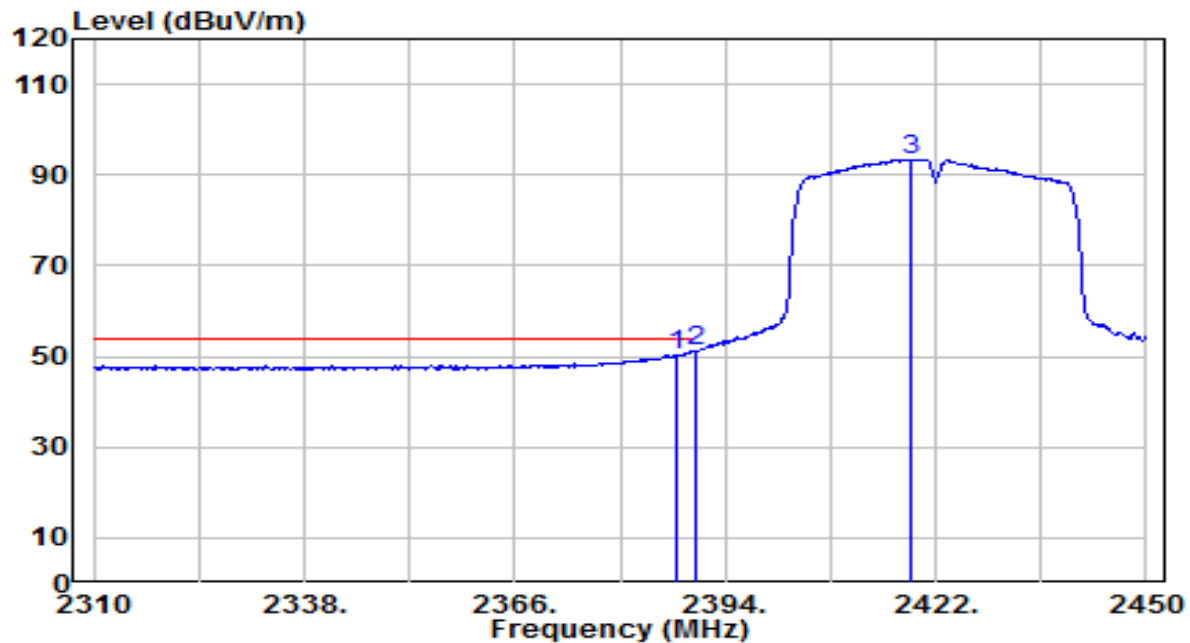


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2387.420	38.01	32.27	70.29	-3.71	74.00	140	235	Peak
2	* 2390.000	38.20	32.28	70.48	-3.52	74.00	140	235	Peak
3	2419.340	71.84	32.39	104.23	N/A	N/A	140	235	Peak

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

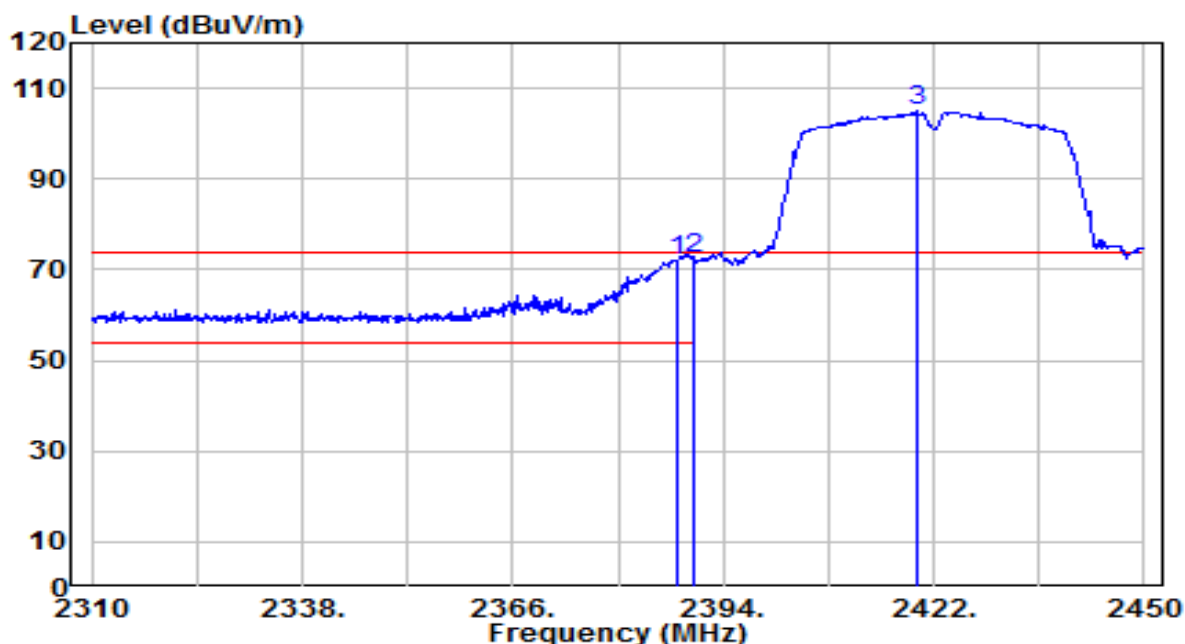


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2387.560	18.02	32.28	50.30	-3.70	54.00	140	235	Average
2	* 2390.000	19.05	32.28	51.34	-2.66	54.00	140	235	Average
3	2418.780	61.12	32.39	93.50	N/A	N/A	140	235	Average

Note:

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	802.11n-40MHz_TX_CH 3_ANT 0	Test Voltage	By Notebook PC

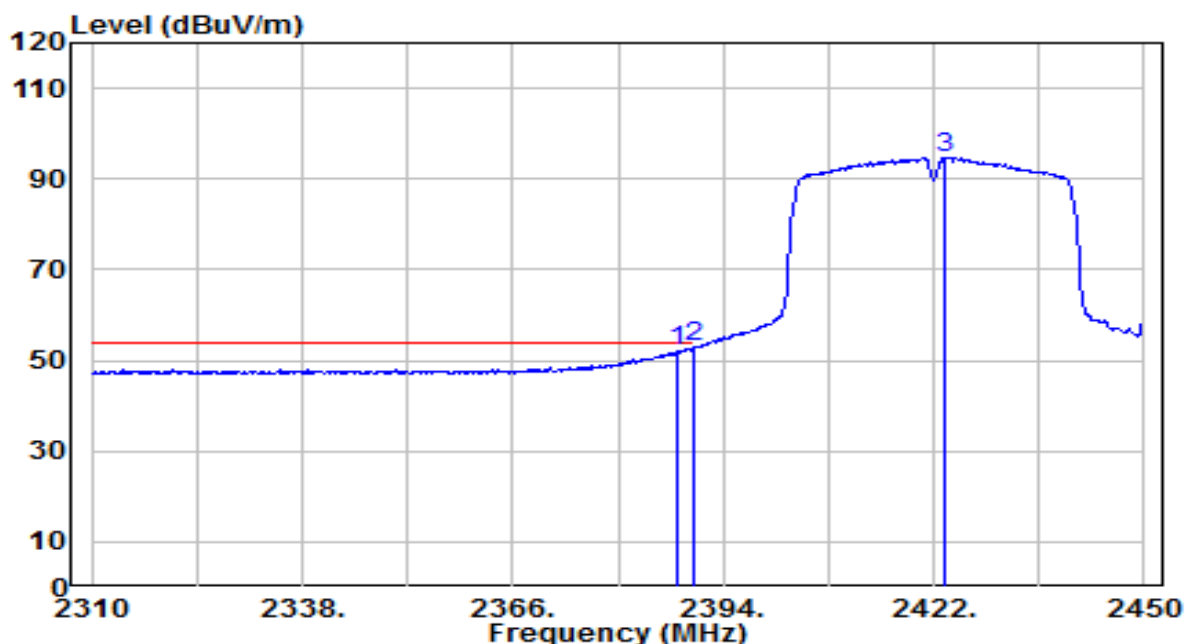


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2387.840	39.75	32.28	72.02	-1.98	74.00	125	300	Peak
2	* 2390.000	40.36	32.28	72.64	-1.36	74.00	125	300	Peak
3	2419.900	72.80	32.39	105.19	N/A	N/A	125	300	Peak

Note:

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	802.11n-40MHz_TX_CH 3_ANT 0	Test Voltage	By Notebook PC

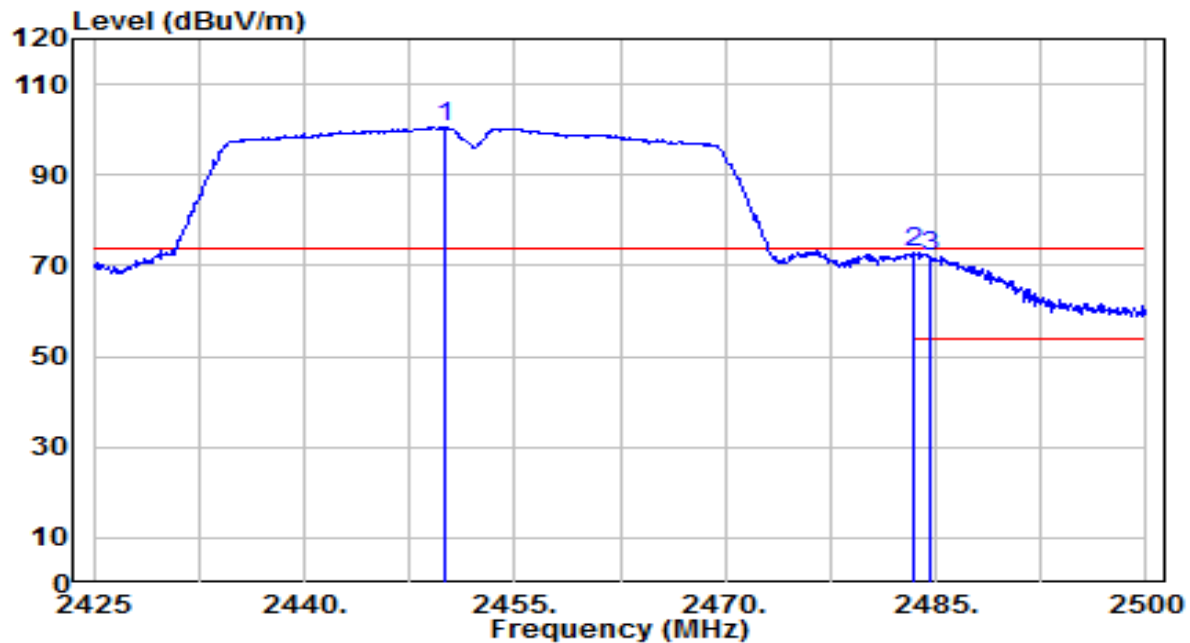


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2387.840	19.61	32.28	51.89	-2.11	54.00	125	300	Average
2	* 2390.000	20.76	32.28	53.04	-0.96	54.00	125	300	Average
3	2423.400	62.39	32.40	94.80	N/A	N/A	125	300	Average

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

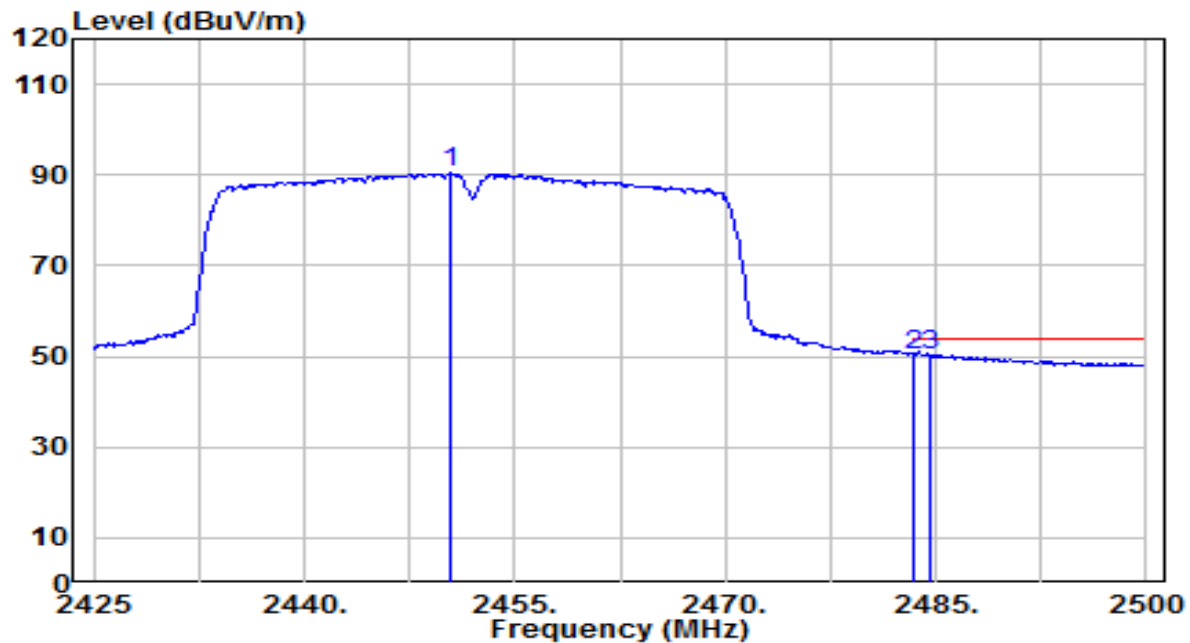


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2450.050	68.05	32.50	100.55	N/A	N/A	200	240	Peak
2	* 2483.500	40.22	32.62	72.84	-1.16	74.00	200	240	Peak
3	2484.625	39.41	32.62	72.03	-1.97	74.00	200	240	Peak

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

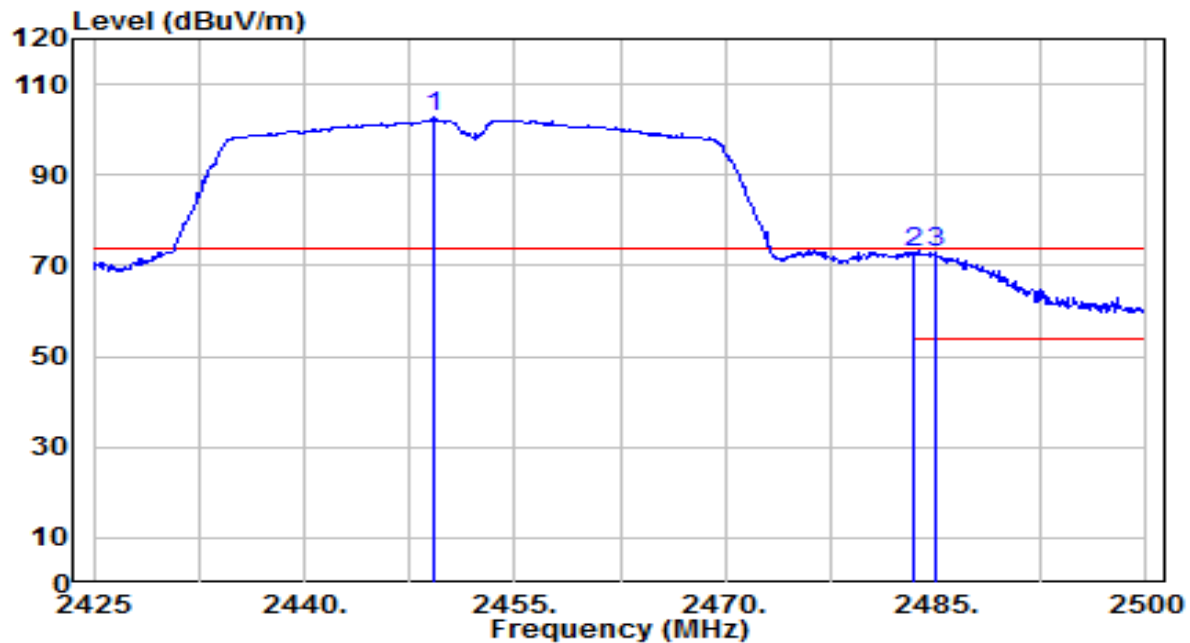


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2450.350	57.87	32.50	90.37	N/A	N/A	200	240	Average
2	2483.500	17.51	32.62	50.13	-3.87	54.00	200	240	Average
3	* 2484.550	17.84	32.62	50.46	-3.54	54.00	200	240	Average

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

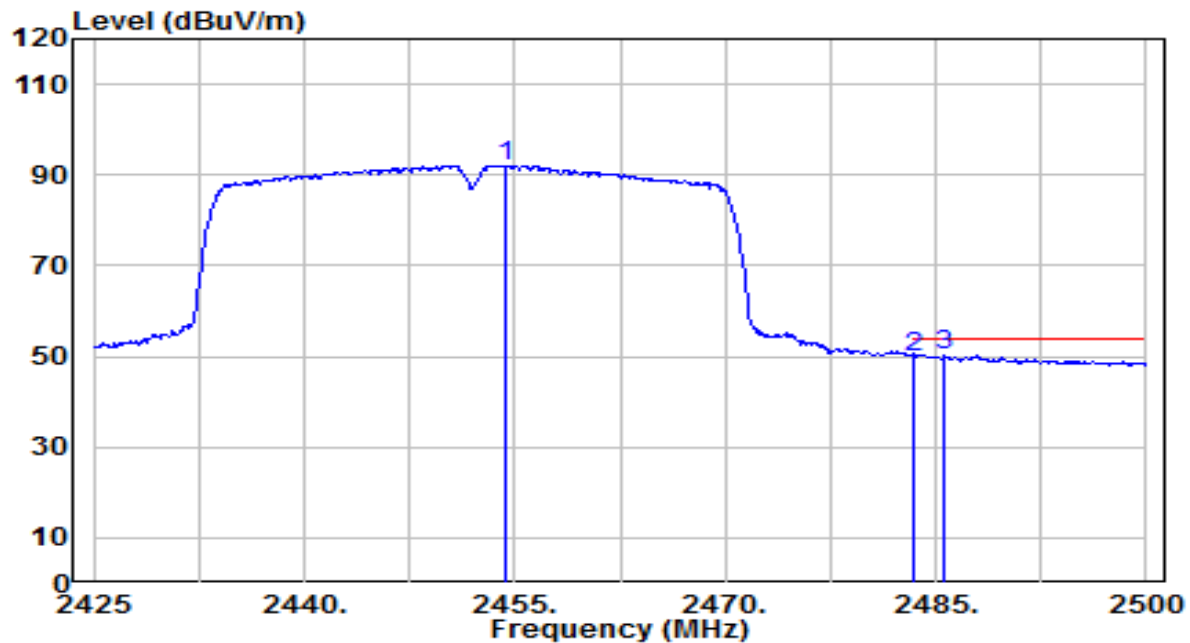


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2449.300	70.35	32.50	102.84	N/A	N/A	160	310	Peak
2	* 2483.500	40.36	32.62	72.98	-1.02	74.00	160	310	Peak
3	2484.925	40.18	32.63	72.81	-1.19	74.00	160	310	Peak

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:

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.

7.8. AC Conducted Emissions Measurement

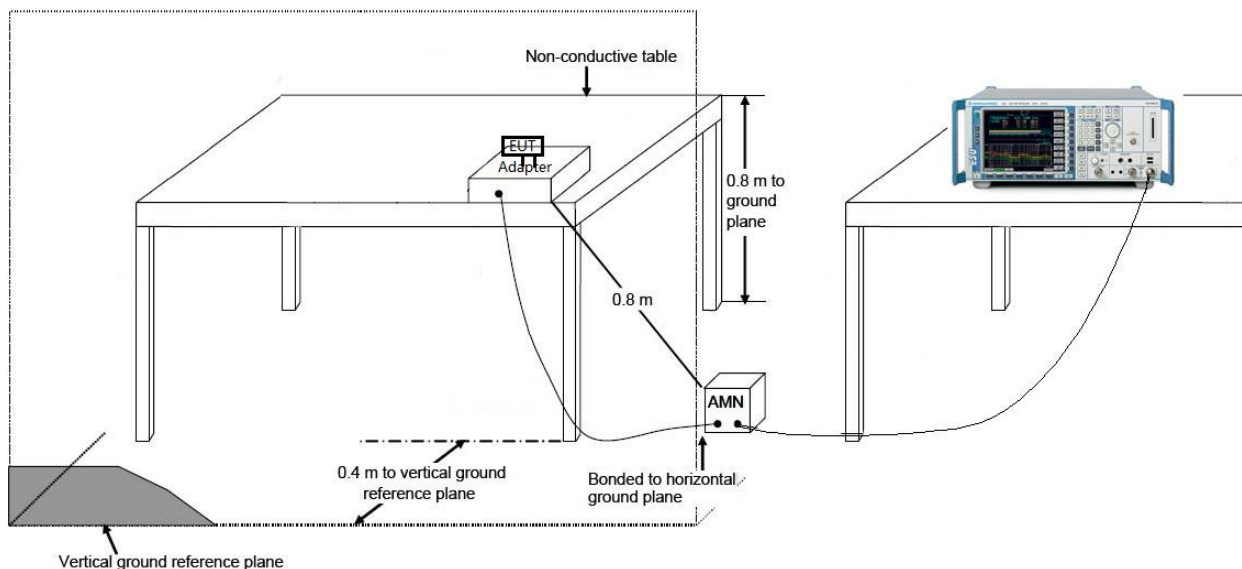
7.8.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 / RSS-Gen Limits		
Frequency (MHz)	QP (dB μ V)	Average (dB μ 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.

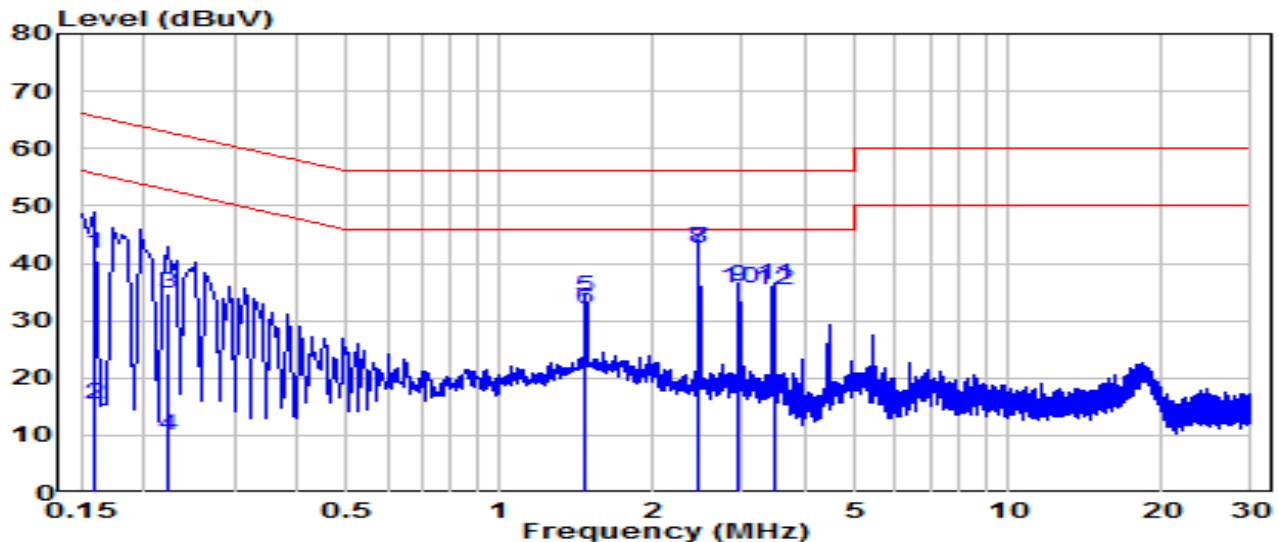
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

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

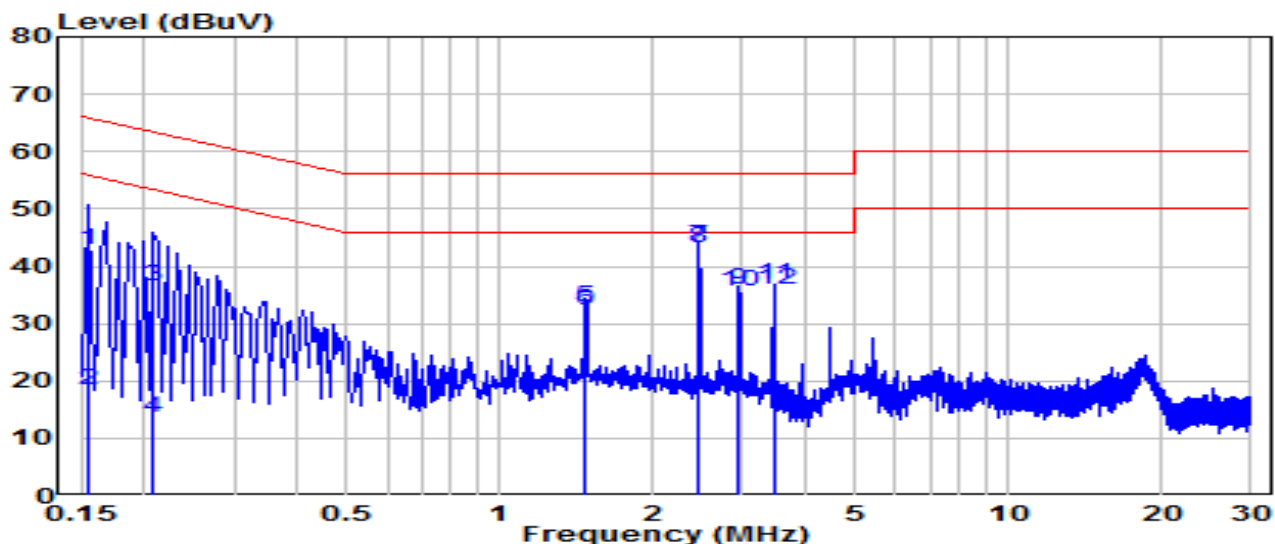


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.159	32.18	9.62	41.80	-23.72	65.52	QP
2		0.159	5.92	9.62	15.54	-39.97	55.52	Average
3		0.222	25.08	9.62	34.70	-28.04	62.74	QP
4		0.222	0.46	9.62	10.09	-42.66	52.74	Average
5		1.477	24.34	9.68	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

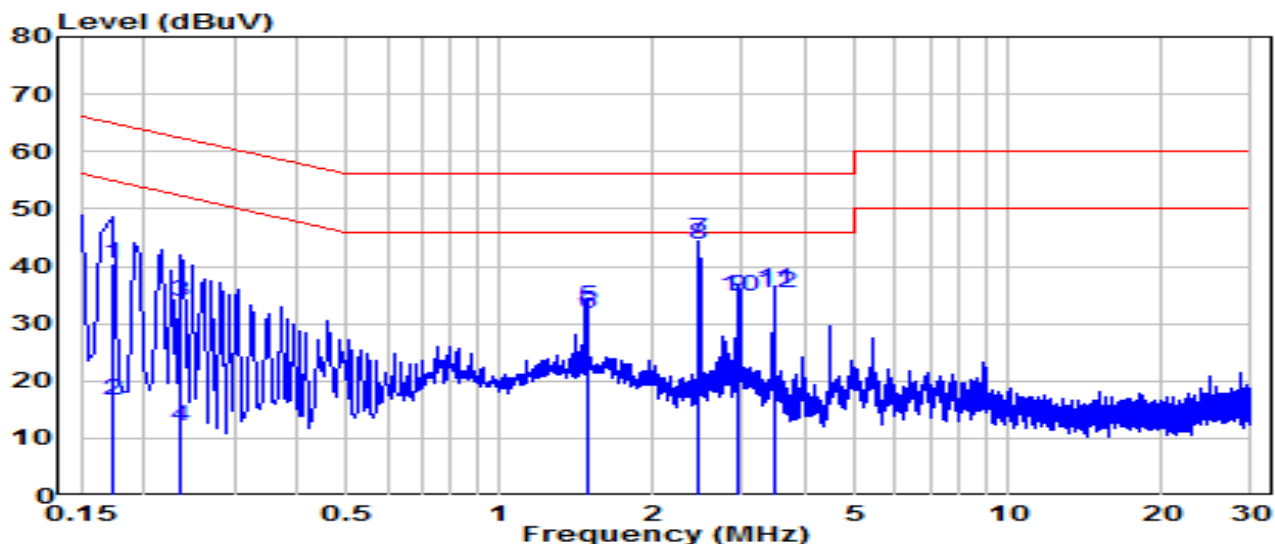


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.154	33.25	9.62	42.87	-22.88	65.75	QP
2		0.154	8.68	9.62	18.30	-37.45	55.75	Average
3		0.208	26.98	9.62	36.60	-26.67	63.27	QP
4		0.208	4.10	9.62	13.72	-39.54	53.27	Average
5		1.477	23.36	9.68	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

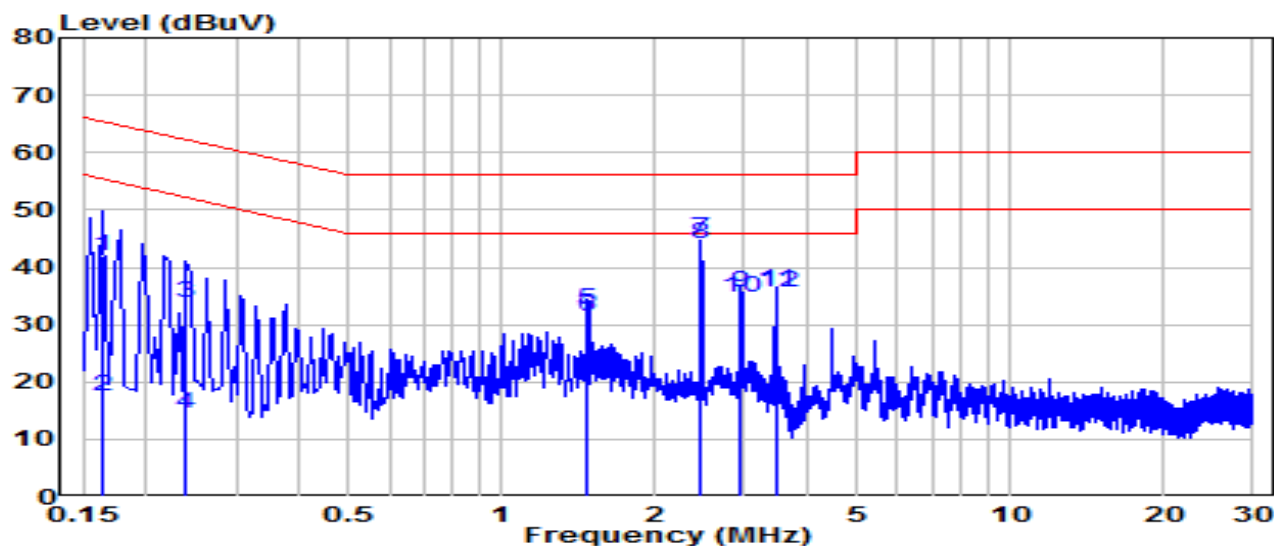


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.172	30.90	9.62	40.52	-24.32	64.84	QP
2		0.172	7.03	9.62	16.65	-38.19	54.84	Average
3		0.235	24.33	9.62	33.96	-28.30	62.25	QP
4		0.235	2.38	9.62	12.01	-40.25	52.25	Average
5		1.482	23.14	9.68	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:

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).

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 _____