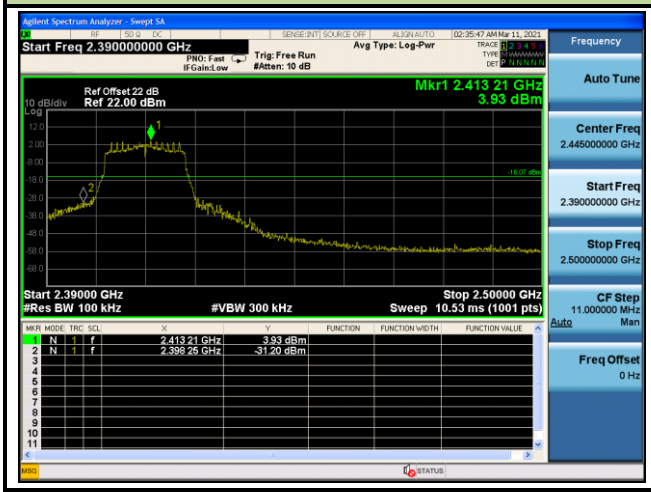
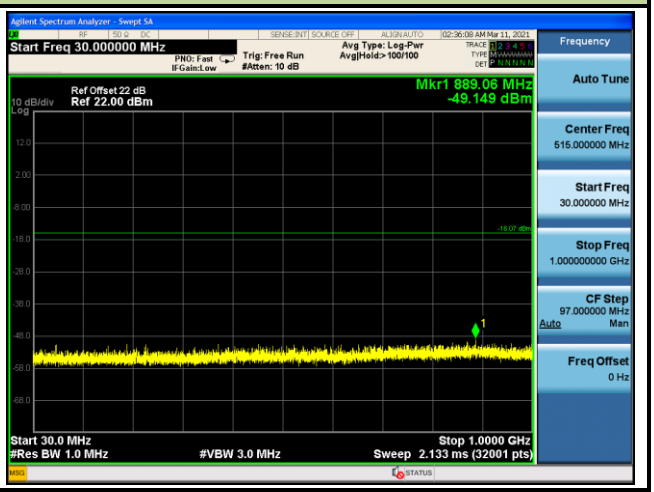
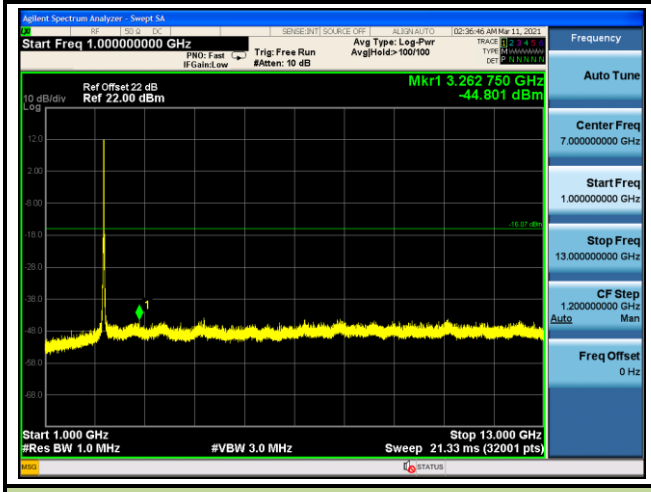
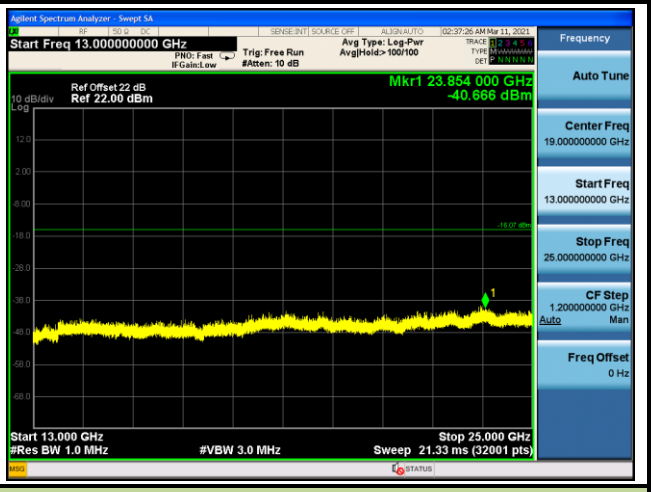
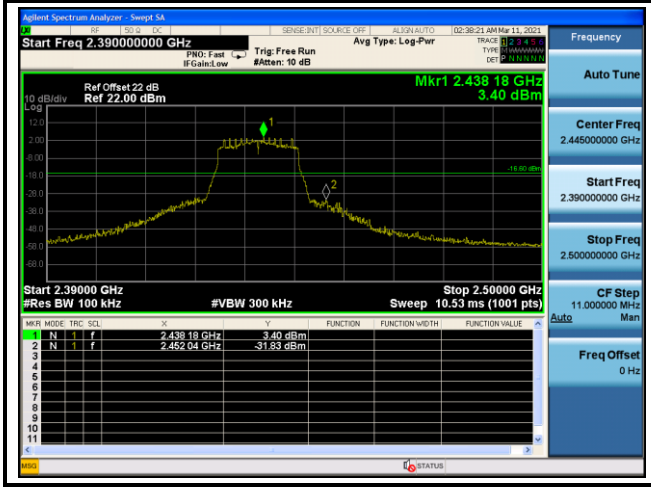
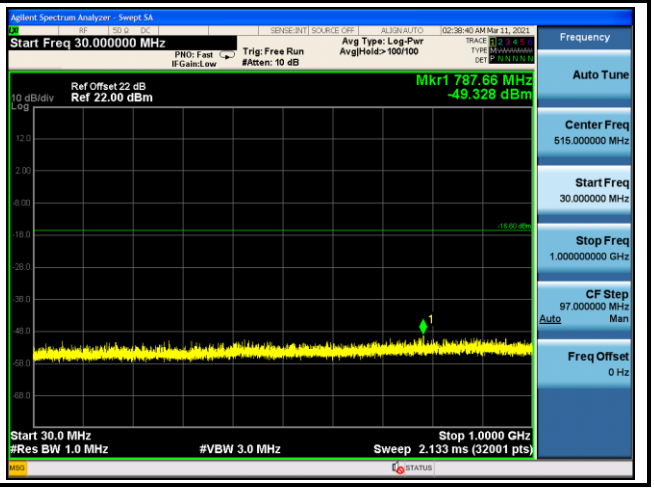
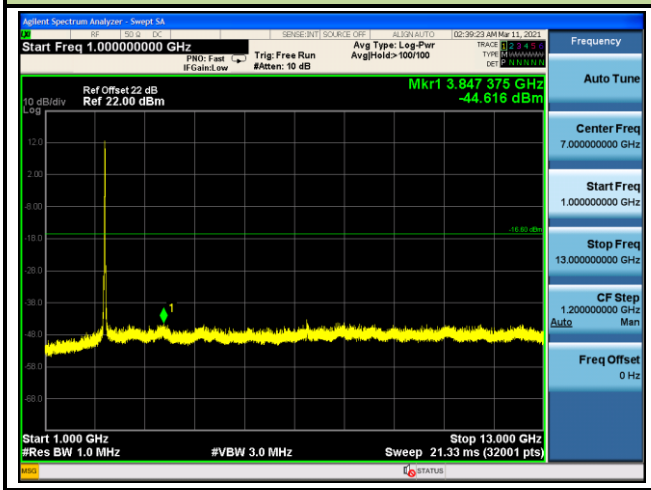
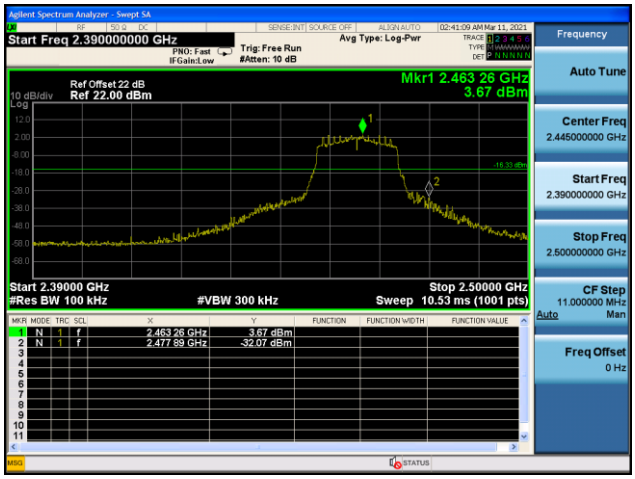
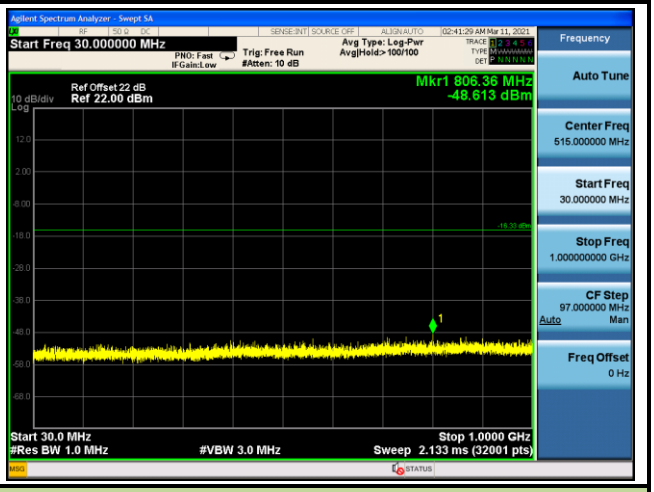
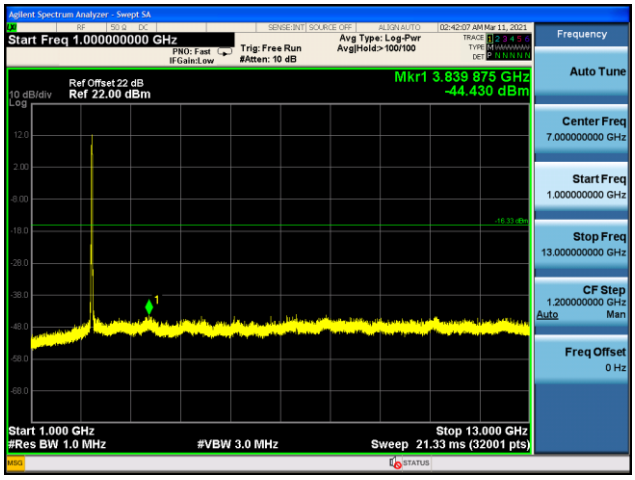
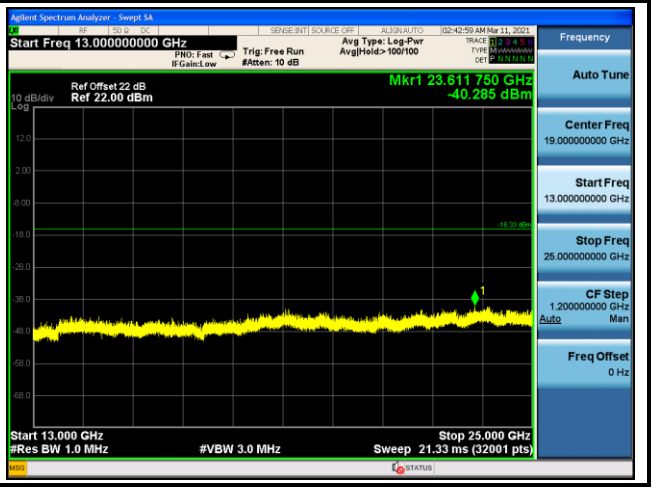
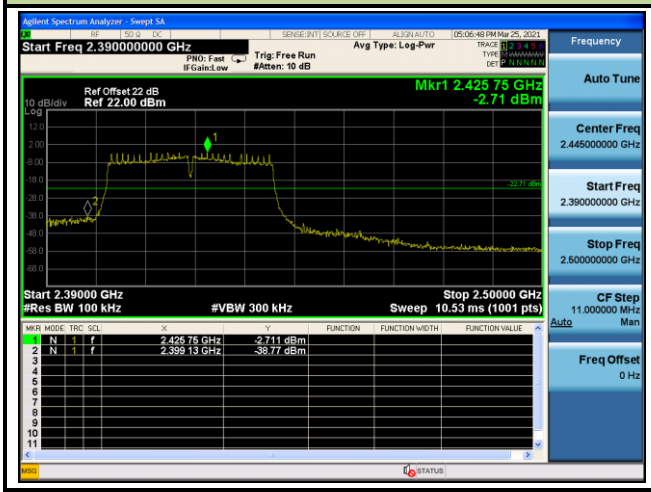
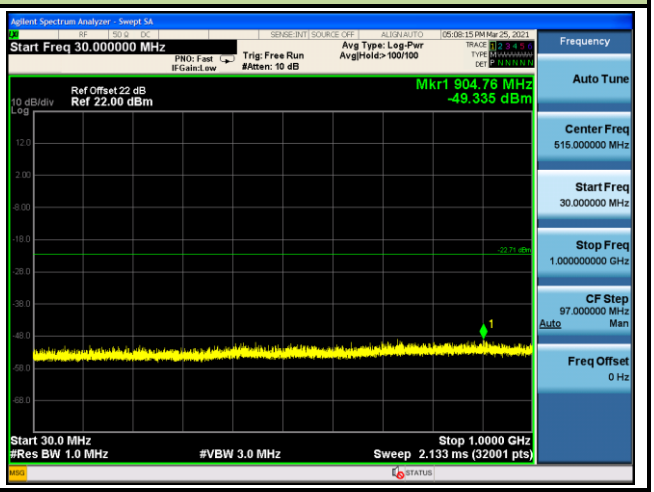
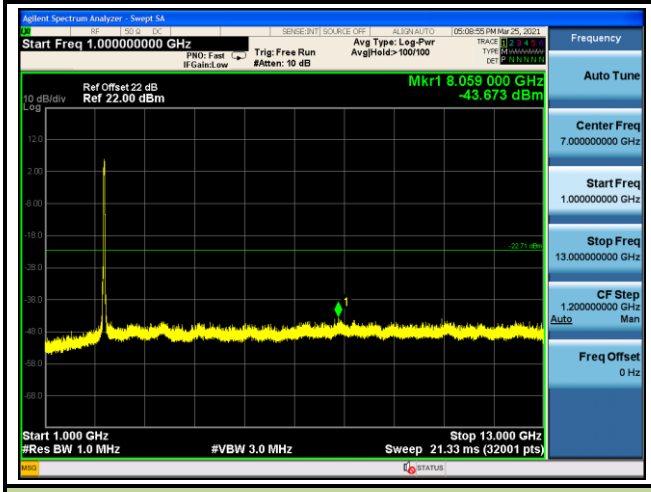
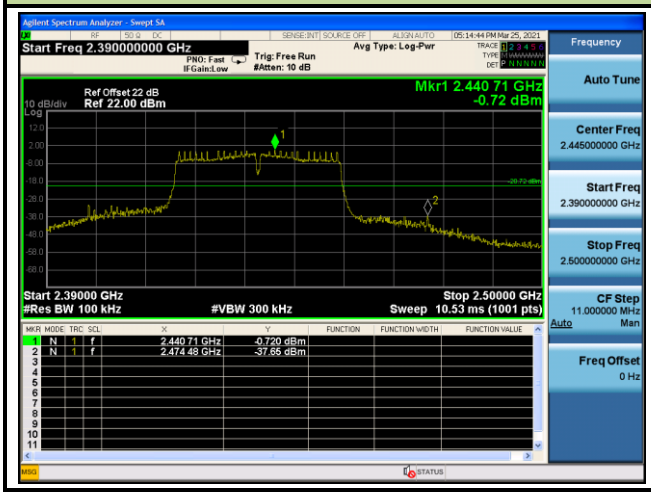
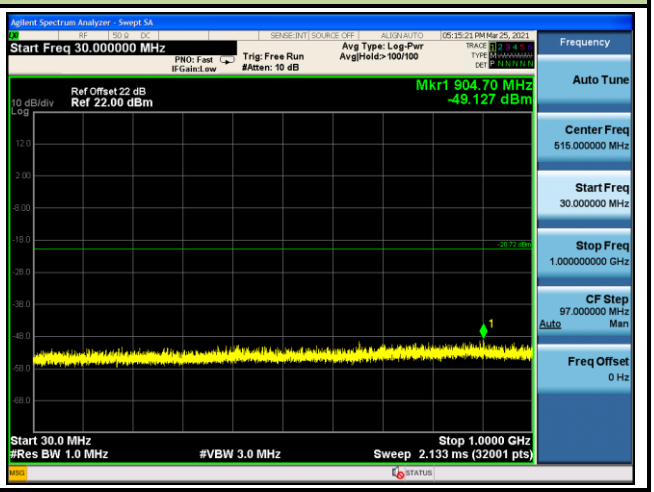
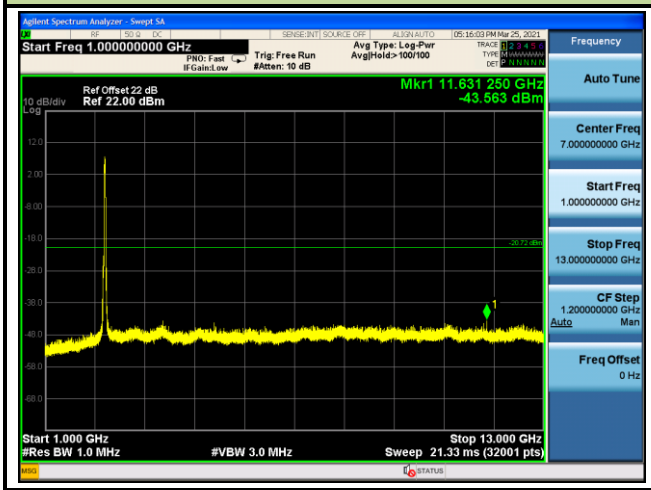
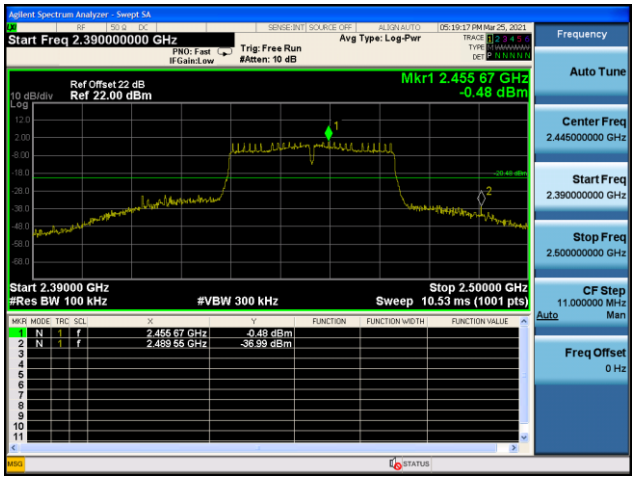
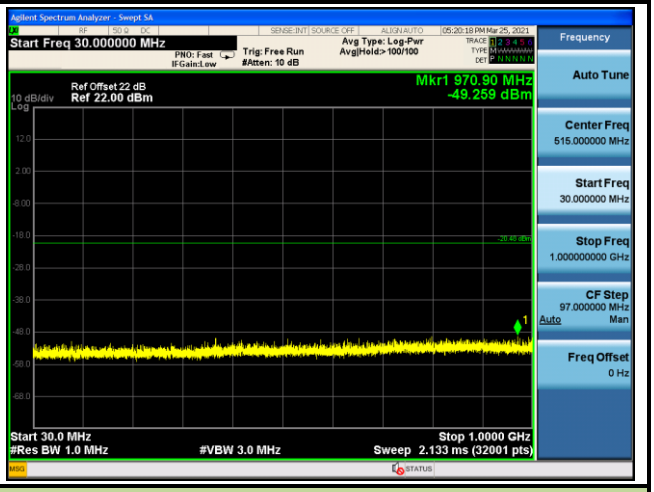
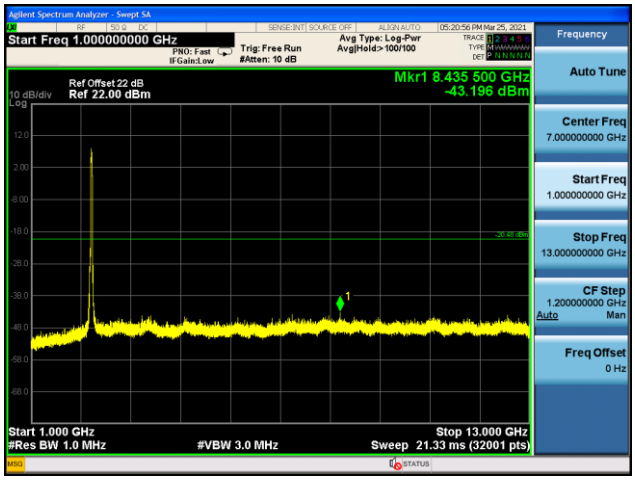
802.11n-20M CH01 (2412MHz)	802.11n-20M CH01 (2412MHz)
	
802.11n-20M CH01 (2412MHz)	**802.11n-20M CH01 (2412MHz)**
	
802.11n-20M CH06 (2437MHz)	**802.11n-20M CH06 (2437MHz)**
	

802.11n-20M CH06 (2437MHz)	802.11n-20M CH06 (2437MHz)
	
802.11n-20M CH011 (2462MHz)	**802.11n-20M CH011 (2462MHz)**
	
802.11n-20M CH011 (2462MHz)	**802.11n-20M CH011 (2462MHz)**
	

802.11n-40M CH03 (2422MHz)	802.11n-40M CH03 (2422MHz)
	
802.11n-40M CH03 (2422MHz)	**802.11n-40M CH03 (2422MHz)**
	
802.11n-40M CH06 (2437MHz)	**802.11n-40M CH06 (2437MHz)**
	

802.11n-40M CH06 (2437MHz)	802.11n-40M CH06 (2437MHz)
	
802.11n-40M CH09 (2452MHz)	**802.11n-40M CH09 (2452MHz)**
	
802.11n-40M CH09 (2452MHz)	**802.11n-40M CH09 (2452MHz)**
	

7.6. Radiated Spurious Emission Measurement

7.6.1. Test Limit

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

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [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

7.6.2. Test Procedure Used

ANSI C63.10 - Section 11.12.2.3 (quasi-peak measurements)

ANSI C63.10 - Section 11.12.2.4 (peak power measurements)

ANSI C63.10 - Section 11.12.2.5 (average power measurements)

7.6.3. Test Setting

Peak Field Strength Measurements

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

6. Trace mode = max hold

7. Trace was allowed to stabilize

Table 1 - RBW as a function of frequency

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

Average Field Strength Measurements

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

2. RBW = 1MHz

3. VBW ≥ 1/T

4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to “Voltage” regardless of the display mode

5. Detector = Peak

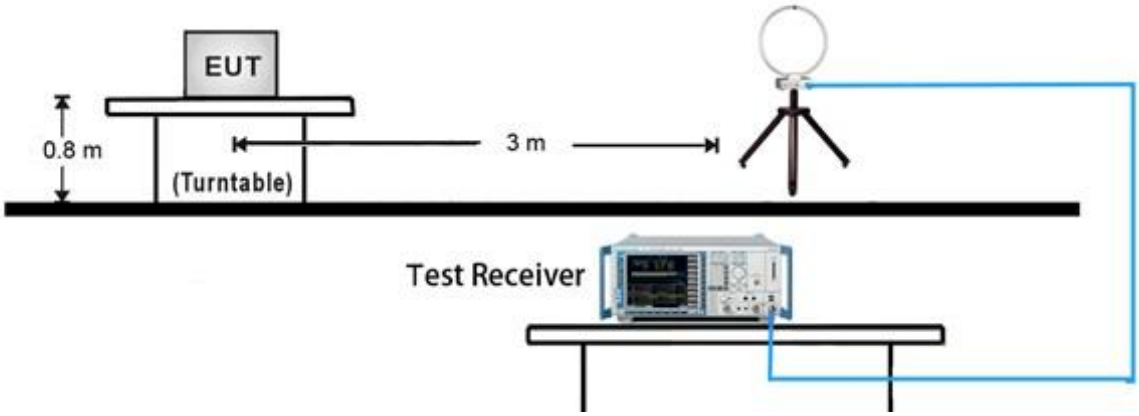
6. Sweep time = auto

7. Trace mode = max hold

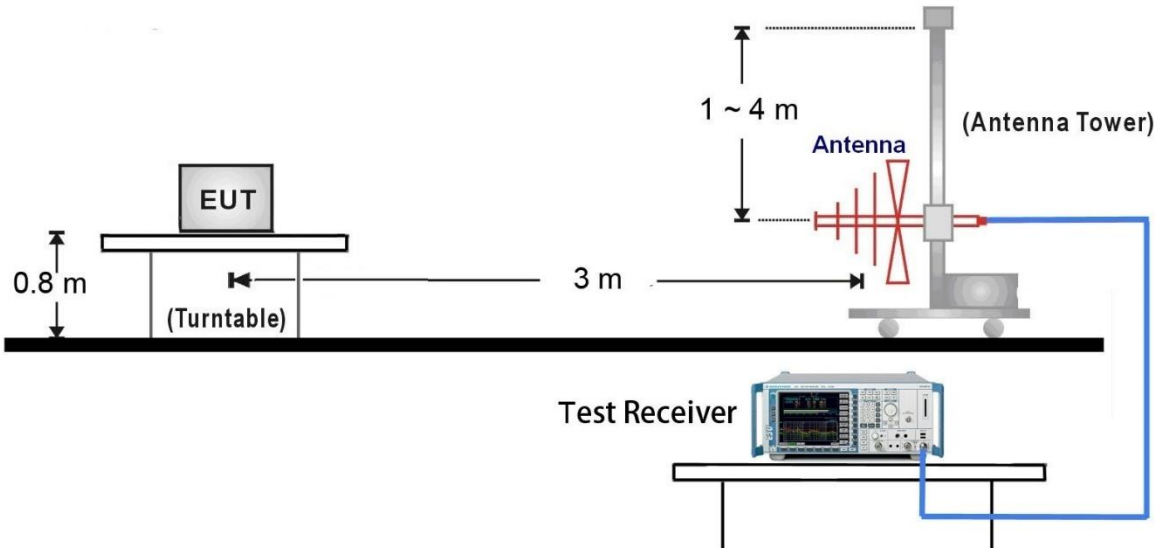
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

7.6.4. Test Setup

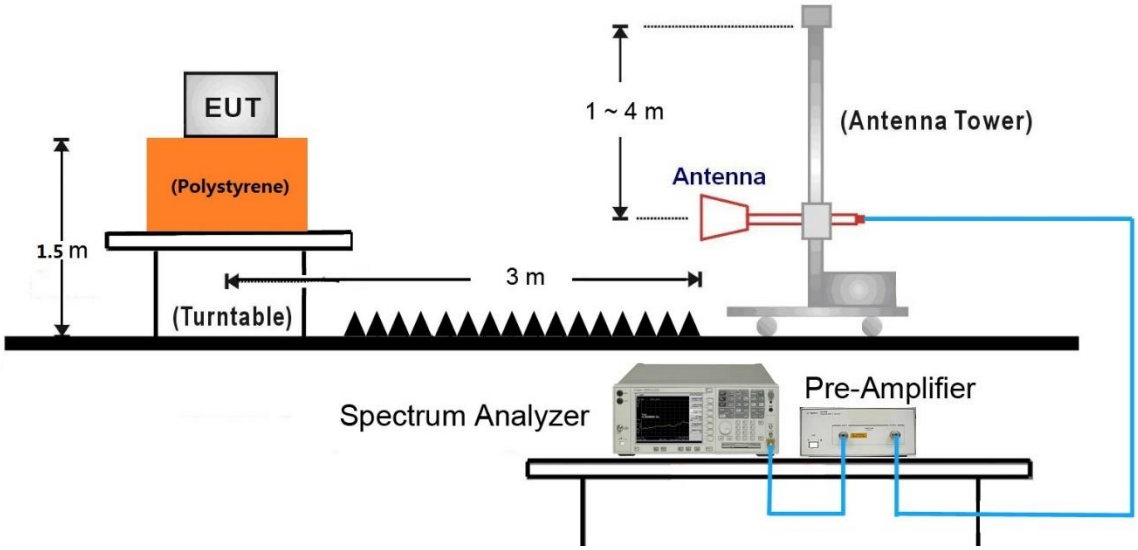
9kHz ~ 30MHz Test Setup:



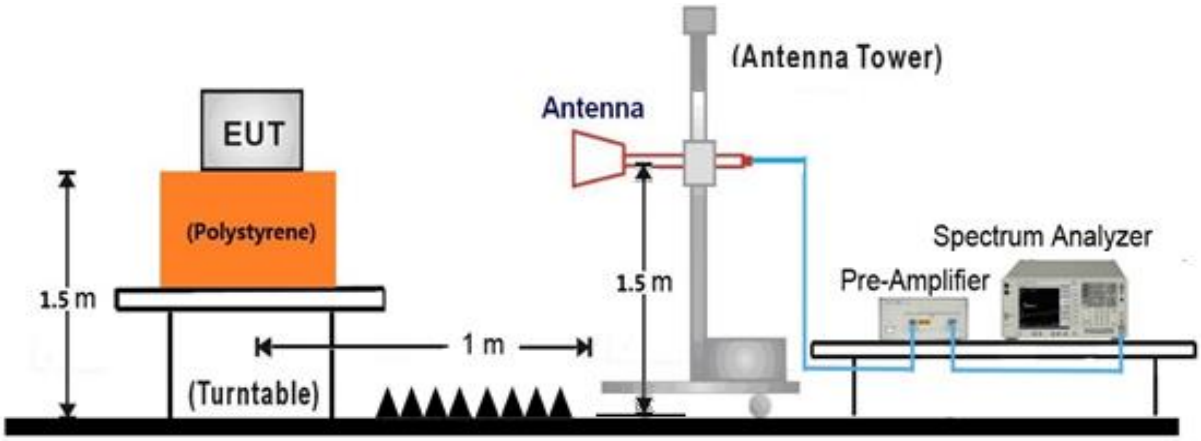
30MHz ~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:

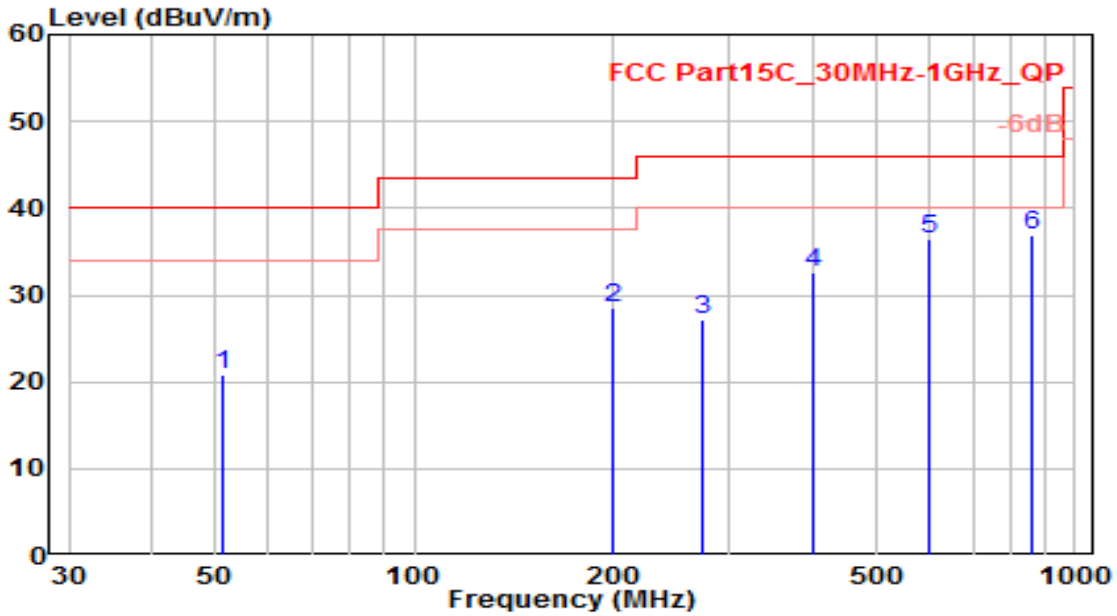


18GHz ~25GHz Test Setup:



7.6.5. Test Result

EUT	Rugged Tablet	Date of Test	2021-03-26
Factor	VULB 9162	Temp. / Humidity	23°C /64%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0	Test Voltage	AC 120V/60Hz

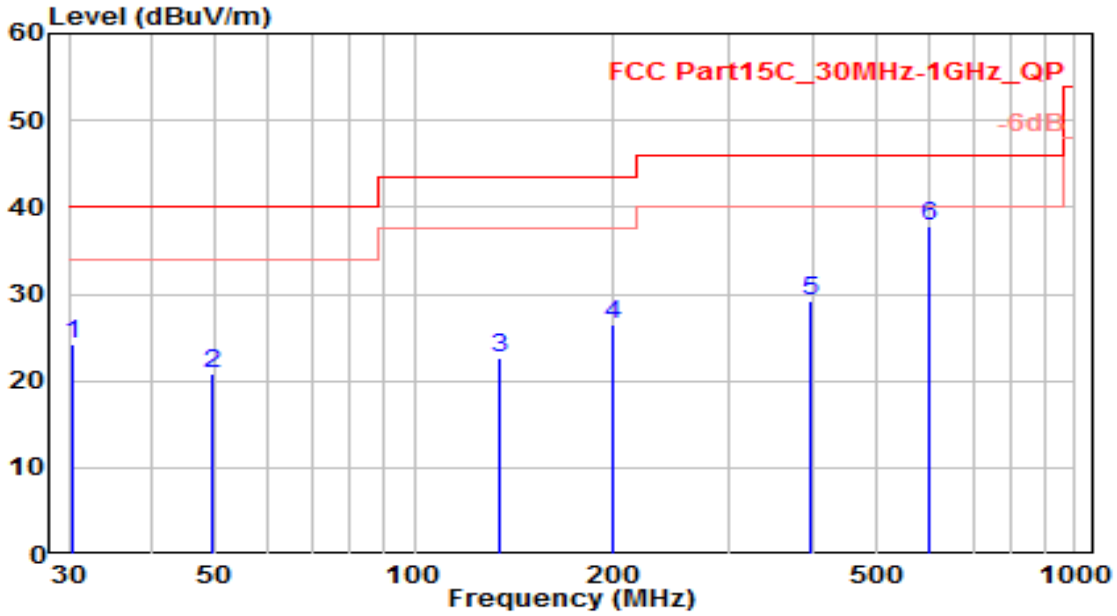


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		51.362	-0.95	21.80	20.85	-19.15	40.00	100	260	QP
2		199.864	9.29	19.25	28.53	-14.97	43.50	100	155	QP
3		272.157	6.30	20.78	27.08	-18.92	46.00	100	340	QP
4		399.915	8.45	24.06	32.50	-13.50	46.00	100	80	QP
5		600.215	8.63	27.80	36.44	-9.56	46.00	100	325	QP
6	*	856.942	5.28	31.52	36.80	-9.20	46.00	100	140	QP

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-26
Factor	VULB 9162	Temp. / Humidity	23°C /64%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0	Test Voltage	AC 120V/60Hz

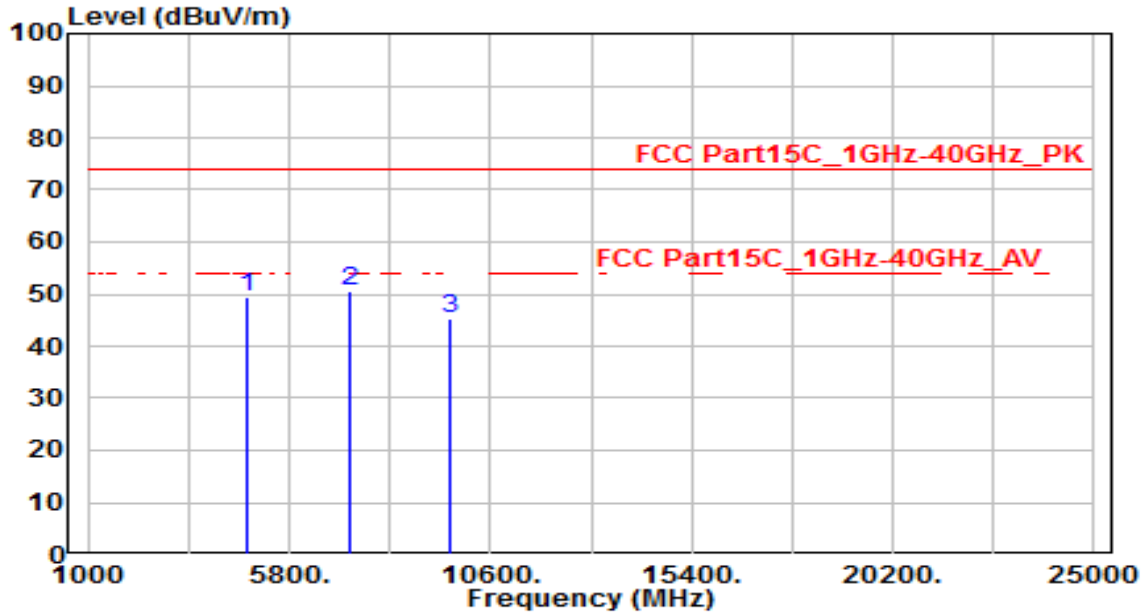


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		30.325	5.87	18.46	24.33	-15.67	40.00	100	55	QP
2		49.441	-1.27	22.02	20.75	-19.25	40.00	100	360	QP
3		134.368	6.45	16.17	22.63	-20.87	43.50	100	280	QP
4		199.964	7.14	19.25	26.39	-17.11	43.50	100	165	QP
5		399.214	5.24	24.05	29.29	-16.71	46.00	100	70	QP
6	*	600.084	10.06	27.80	37.86	-8.14	46.00	100	115	QP

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-20
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /67%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 1_ANT 0	Test Voltage	AC 120V/60Hz

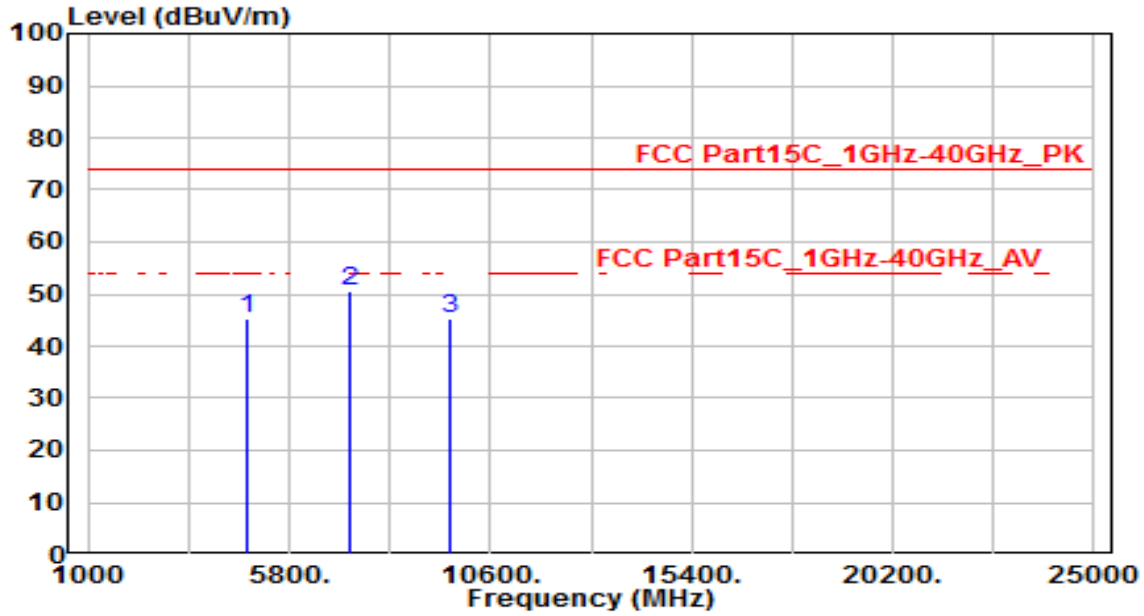


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	46.13	3.33	49.46	-24.54	74.00	150	360	Peak
2	*	7236.000	39.64	10.97	50.61	-23.39	74.00	150	360	Peak
3		9648.000	30.67	14.70	45.36	-28.64	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-20
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /67%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 1_ANT 0	Test Voltage	AC 120V/60Hz

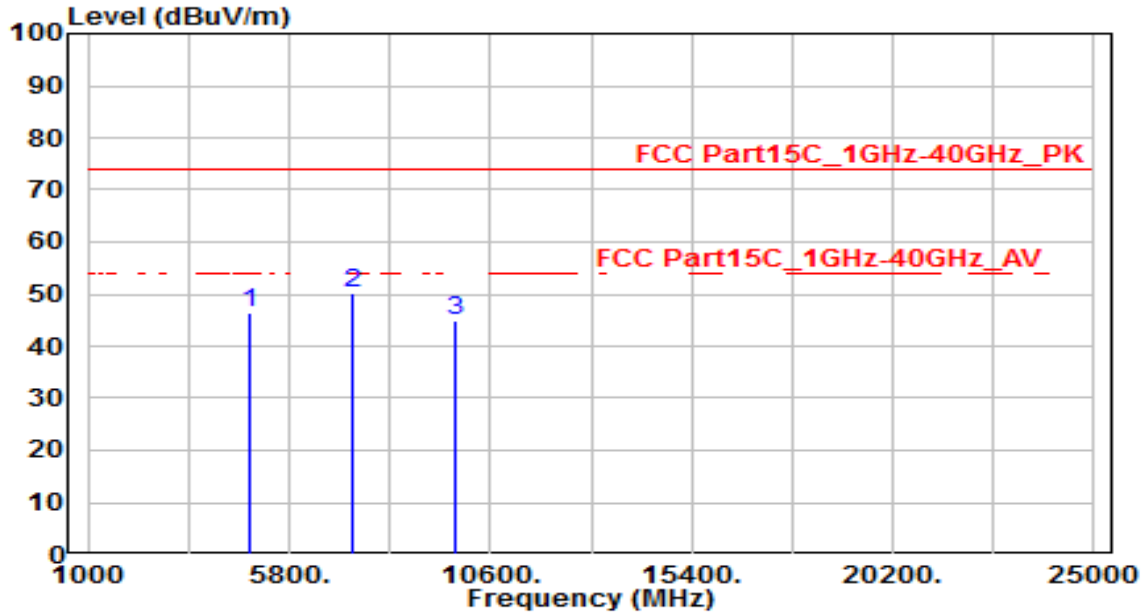


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	41.98	3.33	45.31	-28.69	74.00	150	360	Peak
2	*	7236.000	39.65	10.97	50.62	-23.38	74.00	150	360	Peak
3		9648.000	30.76	14.70	45.45	-28.55	74.00	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ 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 Tablet	Date of Test	2021-03-20
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /67%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 6_ANT 0	Test Voltage	AC 120V/60Hz

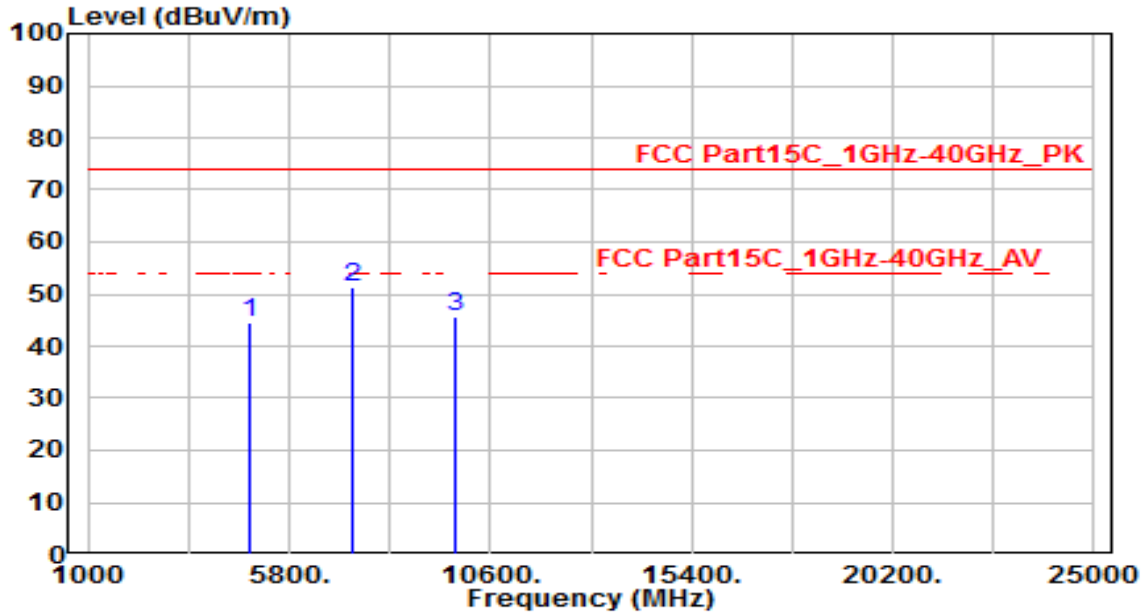


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	42.81	3.45	46.26	-27.74	74.00	150	360	Peak
2	*	7311.000	39.14	11.18	50.32	-23.68	74.00	150	360	Peak
3		9748.000	30.01	14.89	44.90	-29.10	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-20
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /67%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 6_ANT 0	Test Voltage	AC 120V/60Hz

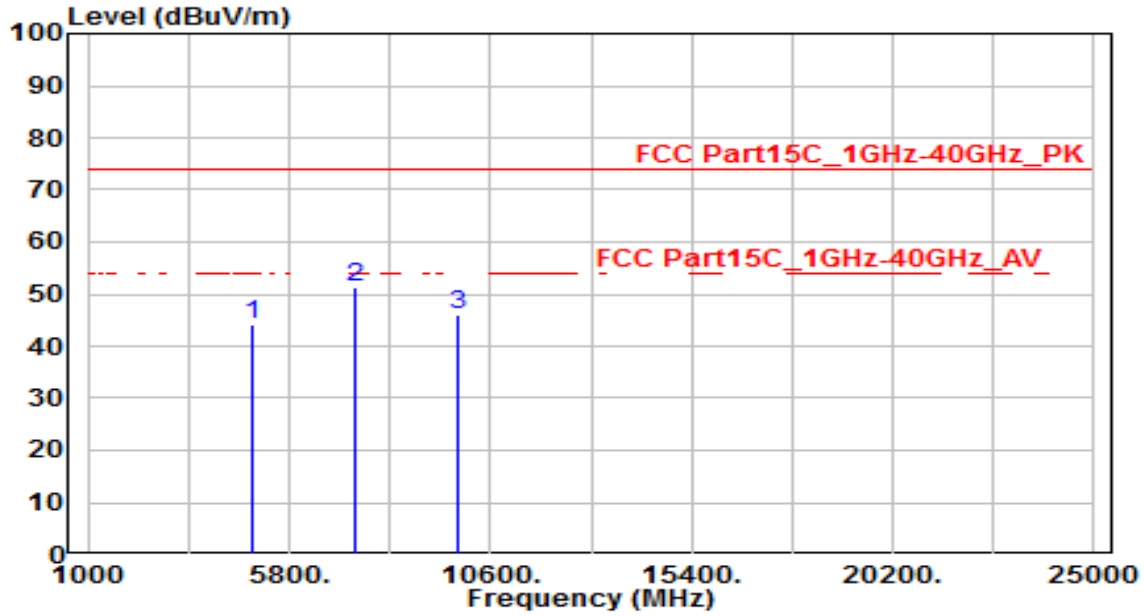


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	41.21	3.45	44.66	-29.34	74.00	150	360	Peak
2	*	7311.000	40.03	11.18	51.21	-22.79	74.00	150	360	Peak
3		9748.000	30.80	14.89	45.69	-28.31	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-20
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /67%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 11_ANT 0	Test Voltage	AC 120V/60Hz

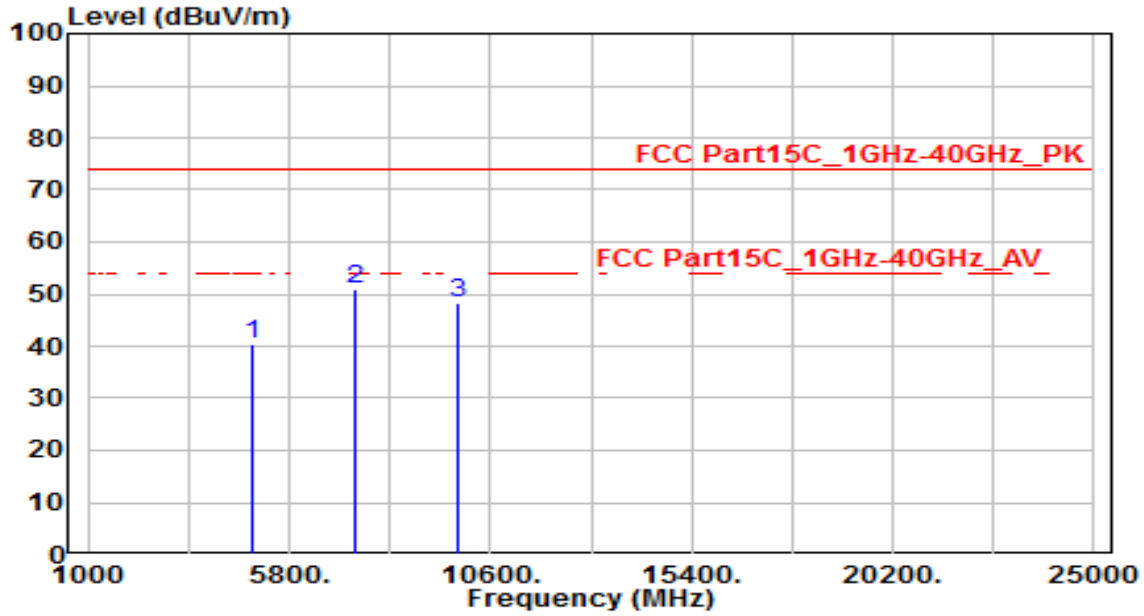


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	40.43	3.57	44.00	-30.00	74.00	150	360	Peak
2	*	7386.000	40.05	11.39	51.45	-22.55	74.00	150	360	Peak
3		9848.000	30.93	15.07	46.00	-28.00	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-20
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /67%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 11_ANT 0	Test Voltage	AC 120V/60Hz

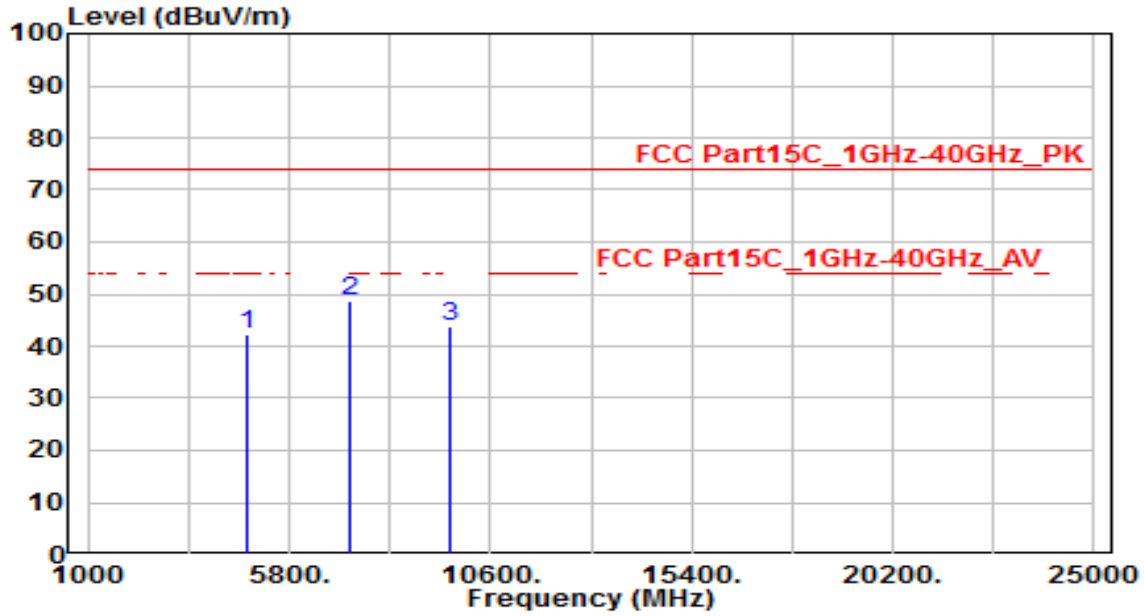


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	36.79	3.57	40.36	-33.64	74.00	150	360	Peak
2	*	7386.000	39.46	11.39	50.85	-23.15	74.00	150	360	Peak
3		9848.000	33.22	15.07	48.29	-25.71	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 1_ANT 0	Test Voltage	AC 120V/60Hz

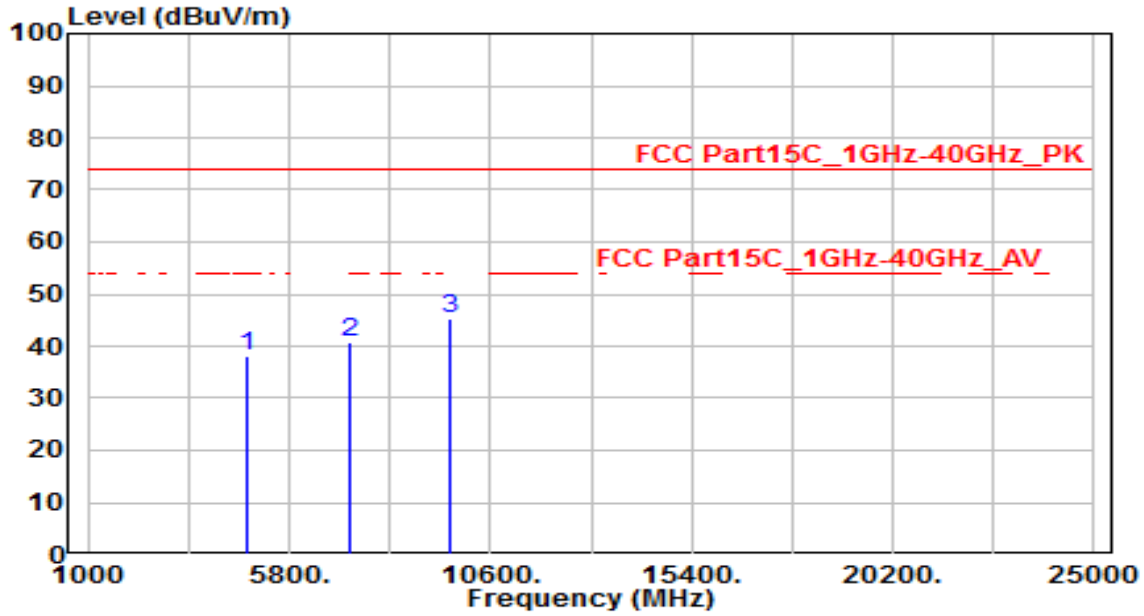


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	38.83	3.33	42.15	-31.85	74.00	150	360	Peak
2	*	7236.000	37.64	10.97	48.61	-25.39	74.00	150	360	Peak
3		9648.000	29.04	14.70	43.74	-30.26	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 1_ANT 0	Test Voltage	AC 120V/60Hz

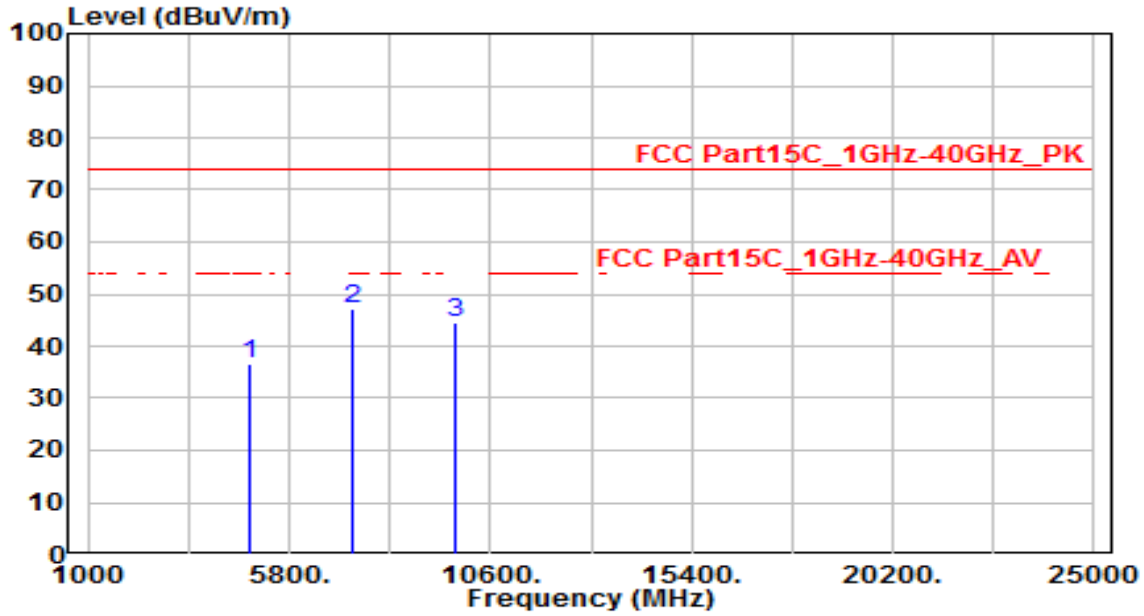


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	34.95	3.33	38.27	-35.73	74.00	150	360	Peak
2		7236.000	29.74	10.97	40.71	-33.29	74.00	150	360	Peak
3	*	9648.000	30.46	14.70	45.16	-28.84	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 6_ANT 0	Test Voltage	AC 120V/60Hz

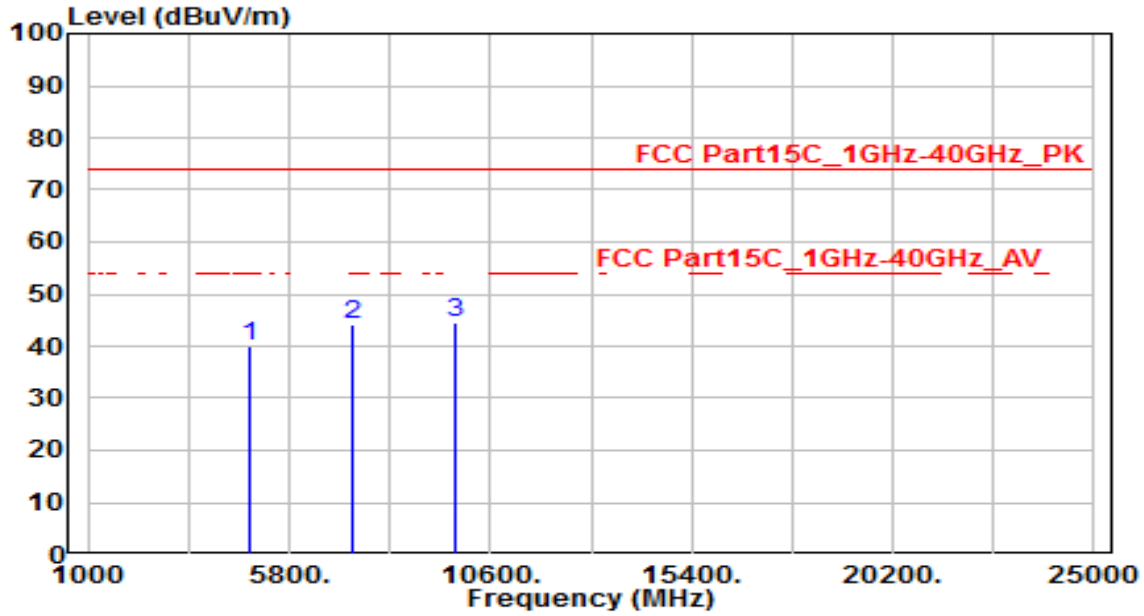


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	33.00	3.45	36.45	-37.55	74.00	150	360	Peak
2	*	7311.000	35.83	11.18	47.01	-26.99	74.00	150	360	Peak
3		9748.000	29.47	14.89	44.36	-29.64	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 6_ANT 0	Test Voltage	AC 120V/60Hz

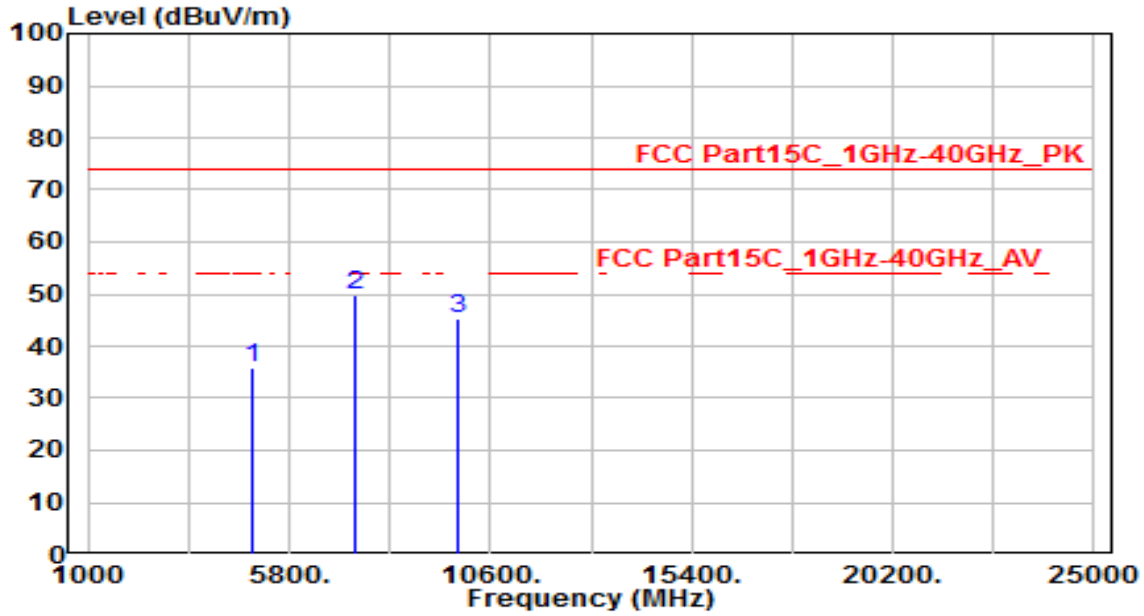


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	36.69	3.45	40.14	-33.86	74.00	150	360	Peak
2		7311.000	32.91	11.18	44.09	-29.91	74.00	150	360	Peak
3	*	9748.000	29.70	14.89	44.59	-29.41	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 11_ANT 0	Test Voltage	AC 120V/60Hz

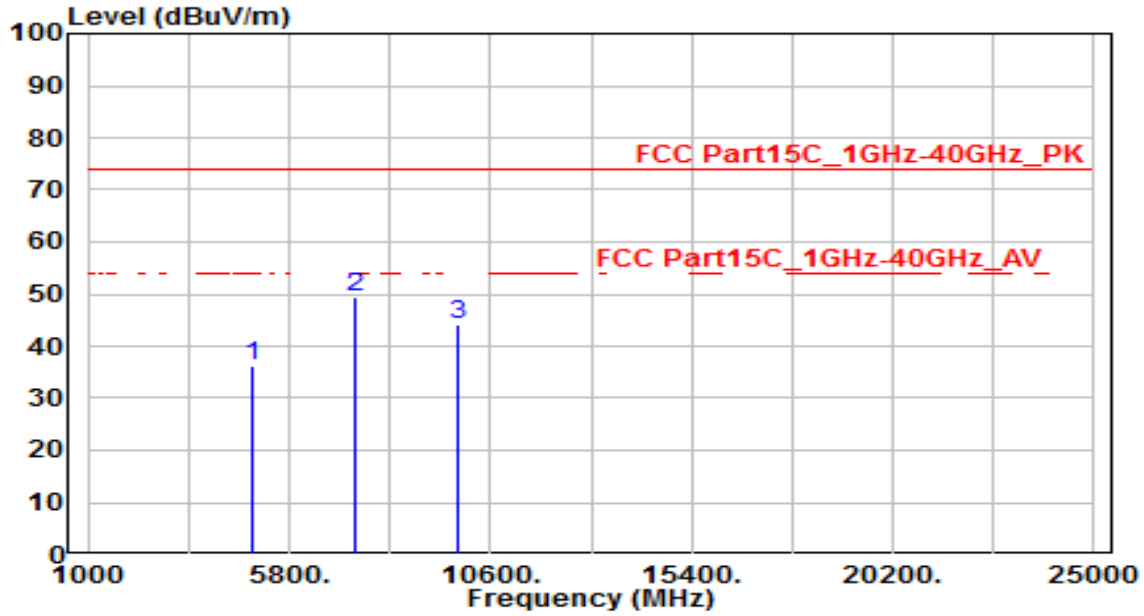


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	32.36	3.57	35.92	-38.08	74.00	150	360	Peak
2	*	7386.000	38.24	11.39	49.63	-24.37	74.00	150	360	Peak
3		9848.000	30.23	15.07	45.30	-28.70	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 11_ANT 0	Test Voltage	AC 120V/60Hz

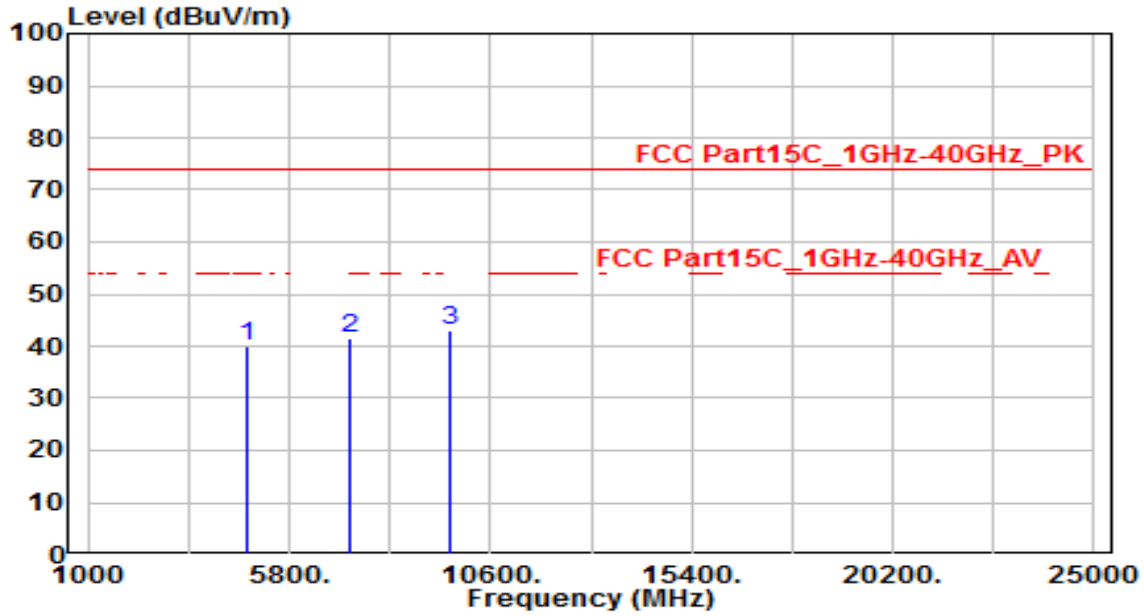


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	32.67	3.57	36.23	-37.77	74.00	150	360	Peak
2	*	7386.000	38.19	11.39	49.58	-24.42	74.00	150	360	Peak
3		9848.000	29.10	15.07	44.17	-29.83	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0	Test Voltage	AC 120V/60Hz

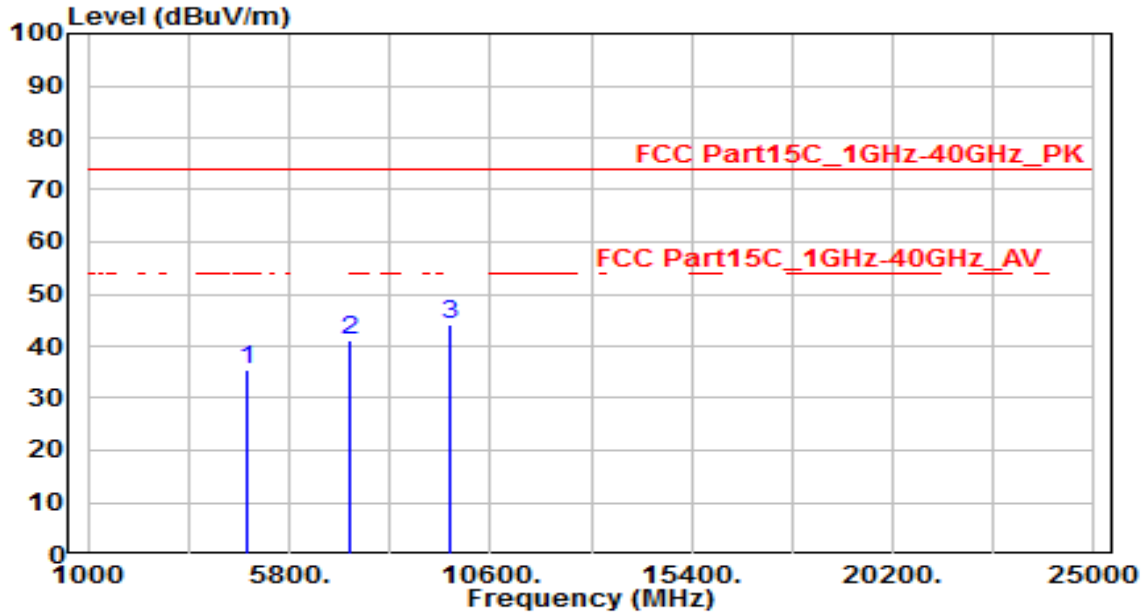


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	36.78	3.33	40.11	-33.89	74.00	150	360	Peak
2		7236.000	30.54	10.97	41.51	-32.49	74.00	150	360	Peak
3	*	9648.000	28.36	14.70	43.06	-30.94	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0	Test Voltage	AC 120V/60Hz

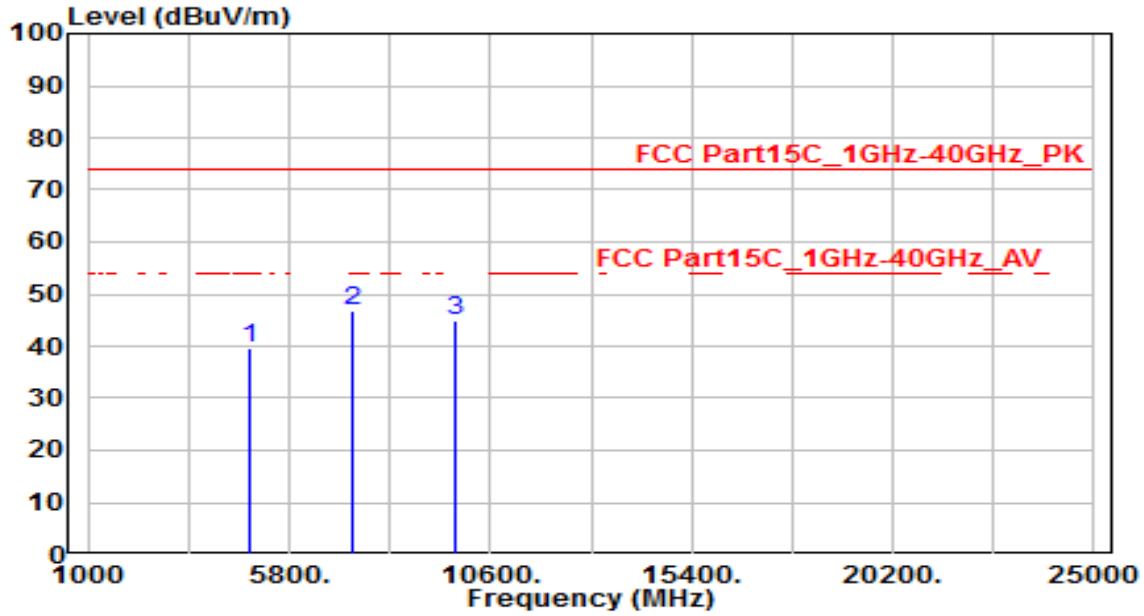


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	32.24	3.33	35.57	-38.43	74.00	150	360	Peak
2		7236.000	29.98	10.97	40.95	-33.05	74.00	150	360	Peak
3	*	9648.000	29.36	14.70	44.06	-29.94	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0	Test Voltage	AC 120V/60Hz

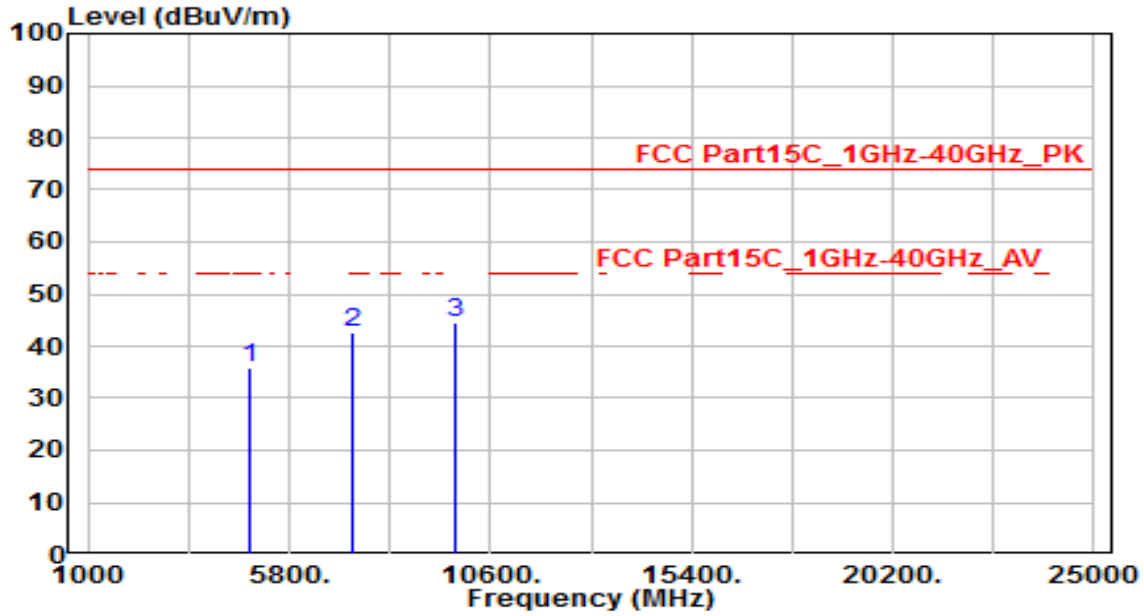


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	36.32	3.45	39.77	-34.23	74.00	150	360	Peak
2	*	7311.000	35.49	11.18	46.67	-27.33	74.00	150	360	Peak
3		9748.000	30.15	14.89	45.04	-28.96	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0	Test Voltage	AC 120V/60Hz

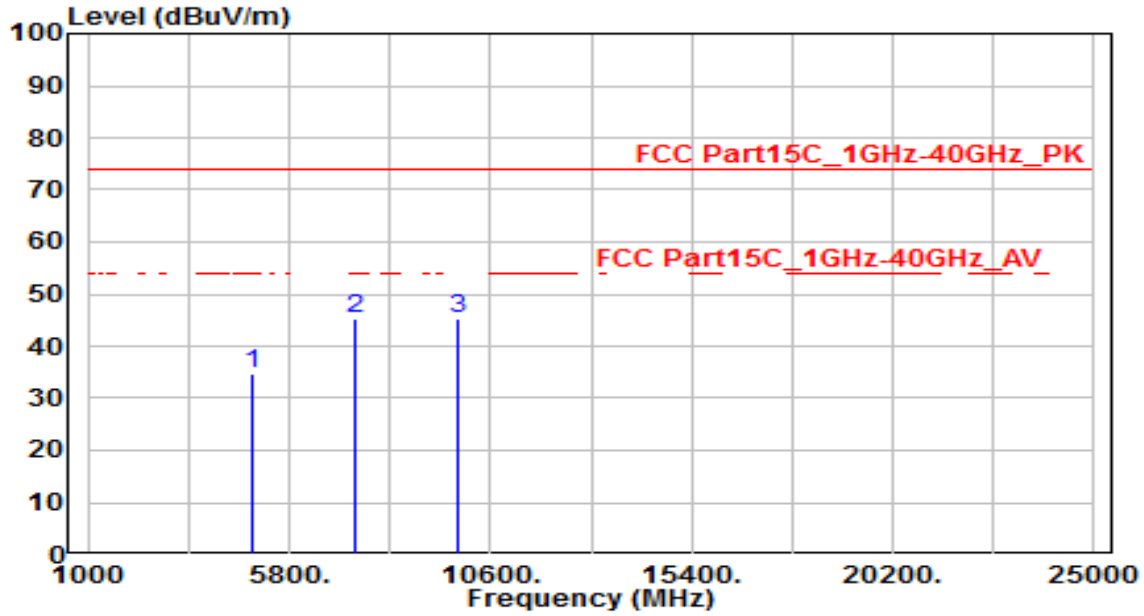


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	32.57	3.45	36.02	-37.98	74.00	150	360	Peak
2		7311.000	31.48	11.18	42.66	-31.34	74.00	150	360	Peak
3	*	9748.000	29.49	14.89	44.38	-29.62	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0	Test Voltage	AC 120V/60Hz

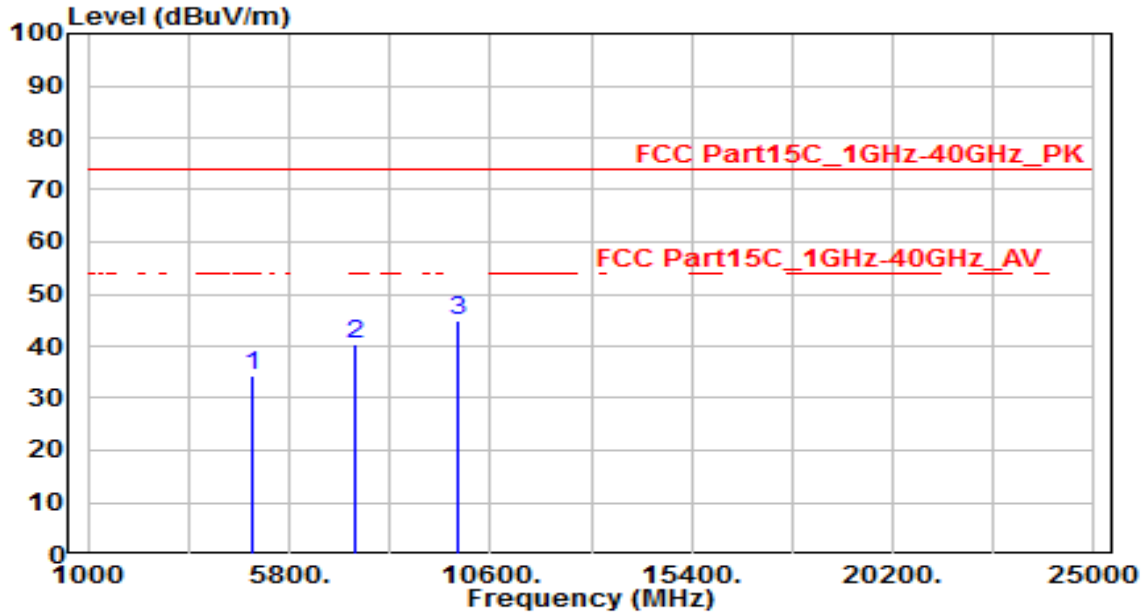


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	31.10	3.57	34.66	-39.34	74.00	150	360	Peak
2	*	7386.000	33.90	11.39	45.29	-28.71	74.00	150	360	Peak
3		9848.000	30.20	15.07	45.27	-28.73	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0	Test Voltage	AC 120V/60Hz

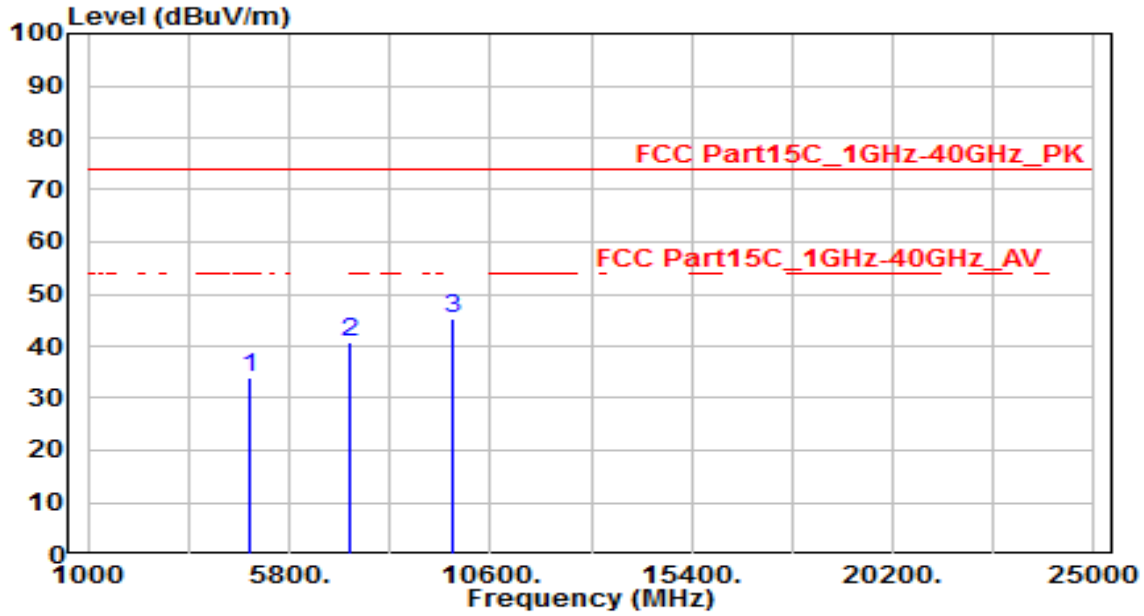


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	30.75	3.57	34.32	-39.68	74.00	150	360	Peak
2		7386.000	29.05	11.39	40.45	-33.55	74.00	150	360	Peak
3	*	9848.000	29.78	15.07	44.85	-29.15	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0	Test Voltage	AC 120V/60Hz

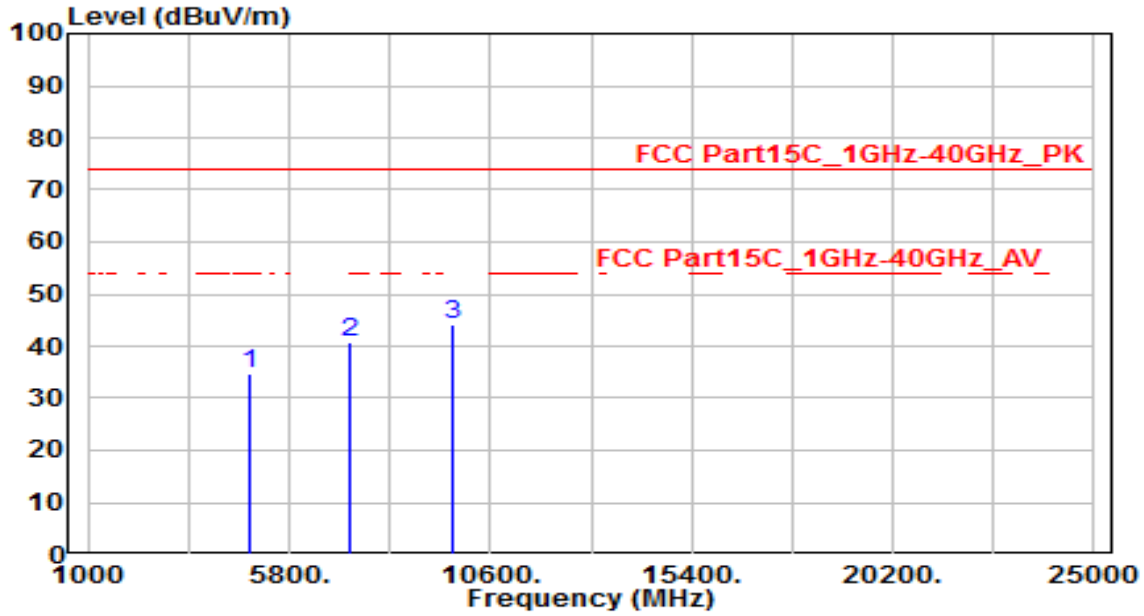


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4844.000	30.69	3.38	34.06	-39.94	74.00	150	360	Peak
2		7266.000	29.87	11.05	40.92	-33.08	74.00	150	360	Peak
3	*	9688.000	30.46	14.77	45.23	-28.77	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0	Test Voltage	AC 120V/60Hz

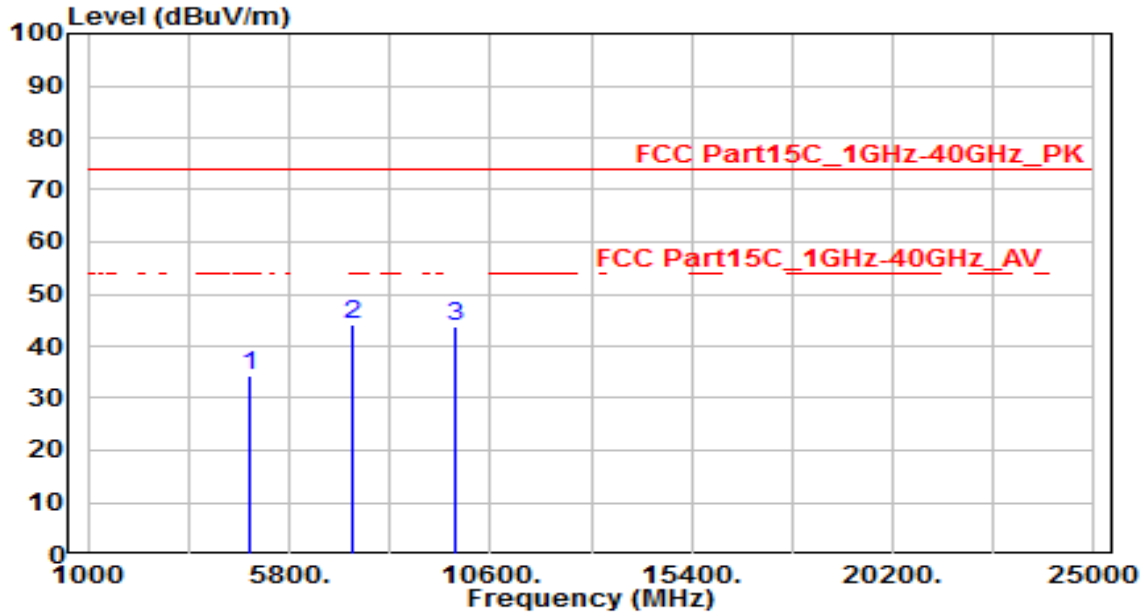


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4844.000	31.25	3.38	34.63	-39.37	74.00	150	360	Peak
2		7266.000	29.60	11.05	40.65	-33.35	74.00	150	360	Peak
3	*	9688.000	29.25	14.77	44.02	-29.98	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 6_ANT 0	Test Voltage	AC 120V/60Hz

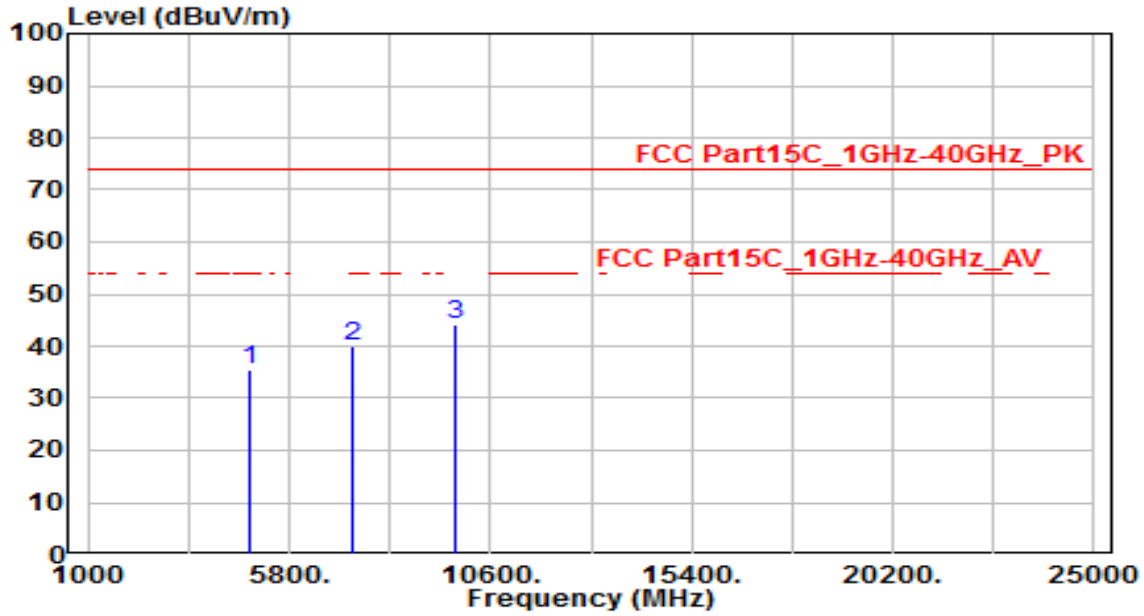


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	30.93	3.45	34.38	-39.62	74.00	150	360	Peak
2	*	7311.000	32.87	11.18	44.05	-29.95	74.00	150	360	Peak
3		9748.000	28.78	14.89	43.67	-30.33	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 6_ANT 0	Test Voltage	AC 120V/60Hz

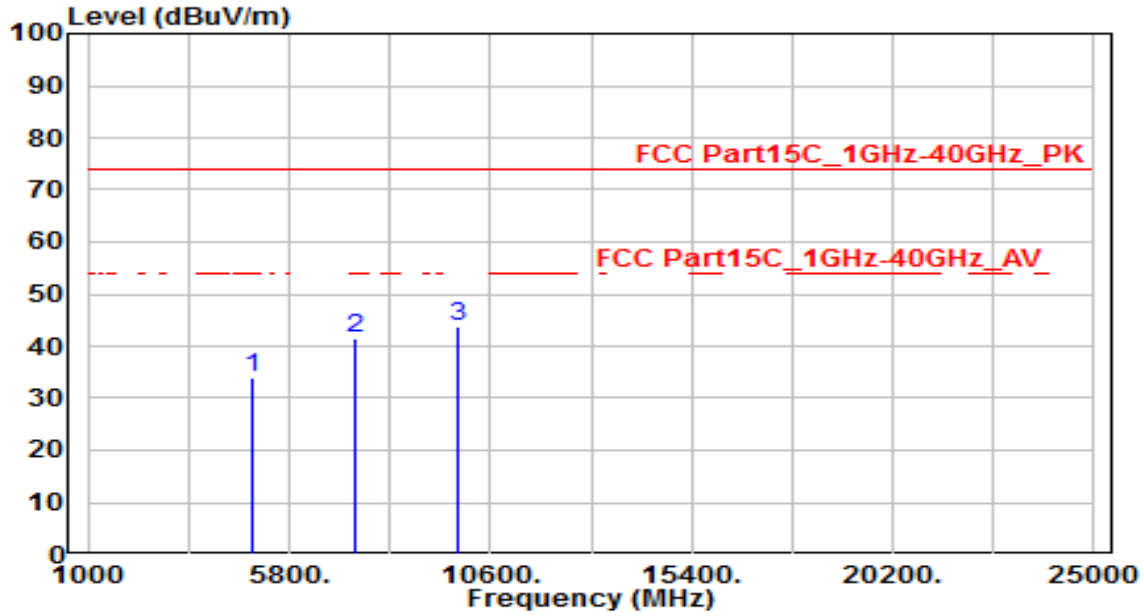


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	31.99	3.45	35.43	-38.57	74.00	150	360	Peak
2		7311.000	28.96	11.18	40.14	-33.86	74.00	150	360	Peak
3	*	9748.000	29.23	14.89	44.11	-29.89	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0	Test Voltage	AC 120V/60Hz

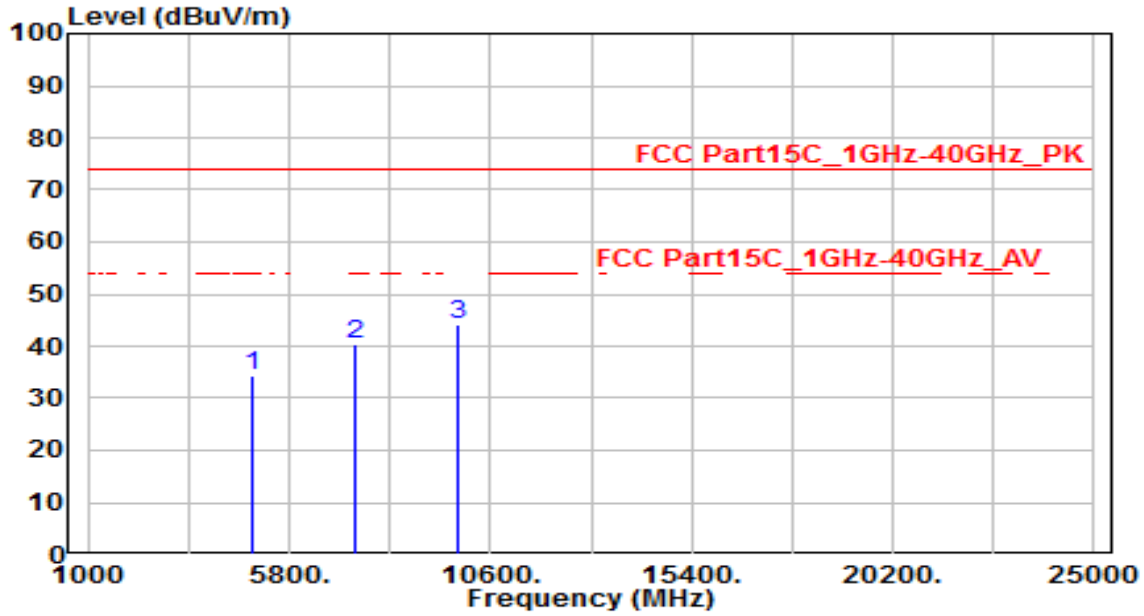


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4904.000	30.55	3.52	34.07	-39.93	74.00	150	360	Peak
2		7356.000	30.01	11.31	41.32	-32.68	74.00	150	360	Peak
3	*	9808.000	28.63	15.00	43.63	-30.37	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0	Test Voltage	AC 120V/60Hz

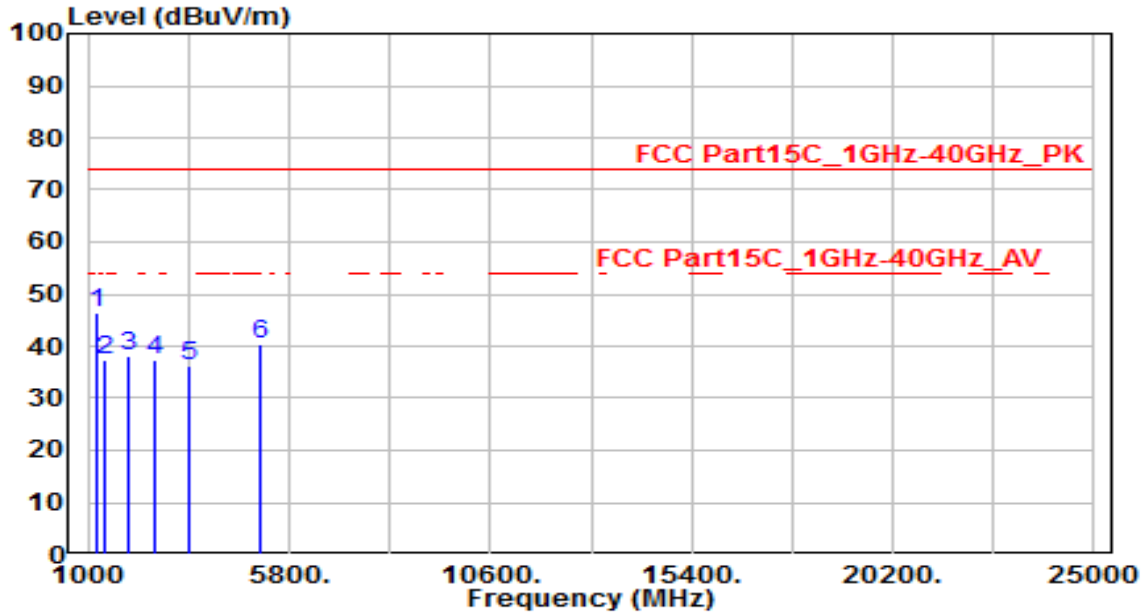


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4904.000	30.70	3.52	34.22	-39.78	74.00	150	360	Peak
2		7356.000	29.15	11.31	40.46	-33.54	74.00	150	360	Peak
3	*	9808.000	29.27	15.00	44.27	-29.73	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_RX_CH 6_ANT 0	Test Voltage	AC 120V/60Hz

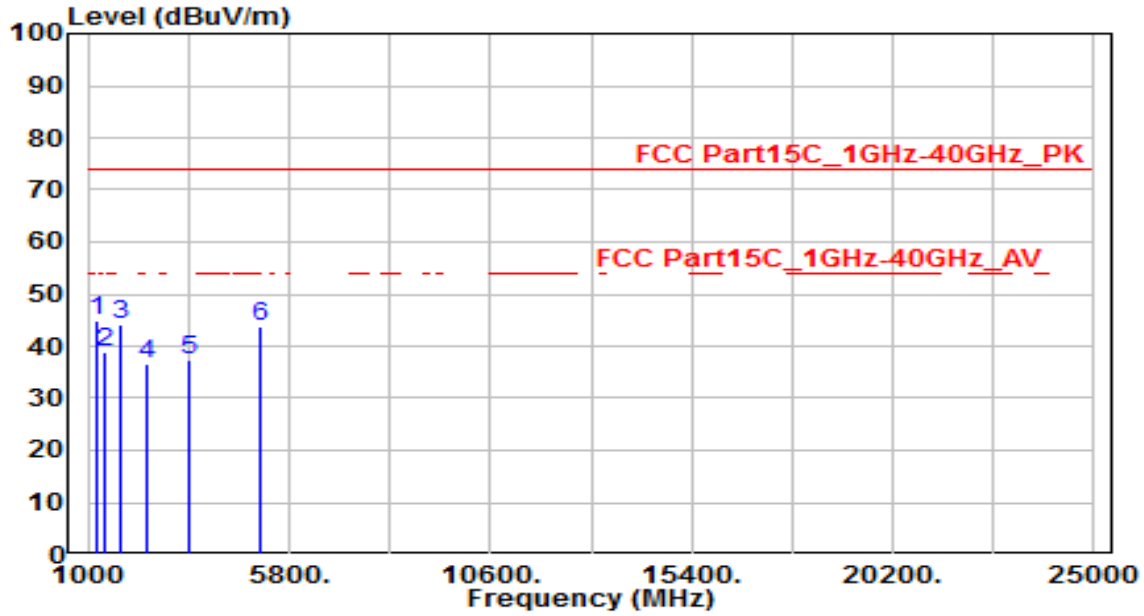


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1195.500	53.32	-7.08	46.24	-27.76	74.00	150	360	Peak
2		1400.031	43.50	-6.17	37.32	-36.68	74.00	150	360	Peak
3		1993.438	42.70	-4.44	38.26	-35.74	74.00	150	360	Peak
4		2568.781	39.63	-2.26	37.37	-36.63	74.00	150	360	Peak
5		3424.625	37.28	-1.09	36.19	-37.81	74.00	150	360	Peak
6		5135.781	36.33	3.89	40.22	-33.78	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_RX_CH 6_ANT 0	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1193.906	52.03	-7.09	44.94	-29.06	74.00	150	360	Peak
2		1400.031	44.90	-6.17	38.73	-35.27	74.00	150	360	Peak
3		1796.344	49.17	-4.95	44.22	-29.78	74.00	150	360	Peak
4		2379.656	39.52	-2.75	36.77	-37.23	74.00	150	360	Peak
5		3424.094	38.35	-1.10	37.25	-36.75	74.00	150	360	Peak
6		5135.781	39.70	3.89	43.60	-30.40	74.00	150	360	Peak

Note:

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

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 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

7. Trace was allowed to stabilize

Table 1 - RBW as a function of frequency

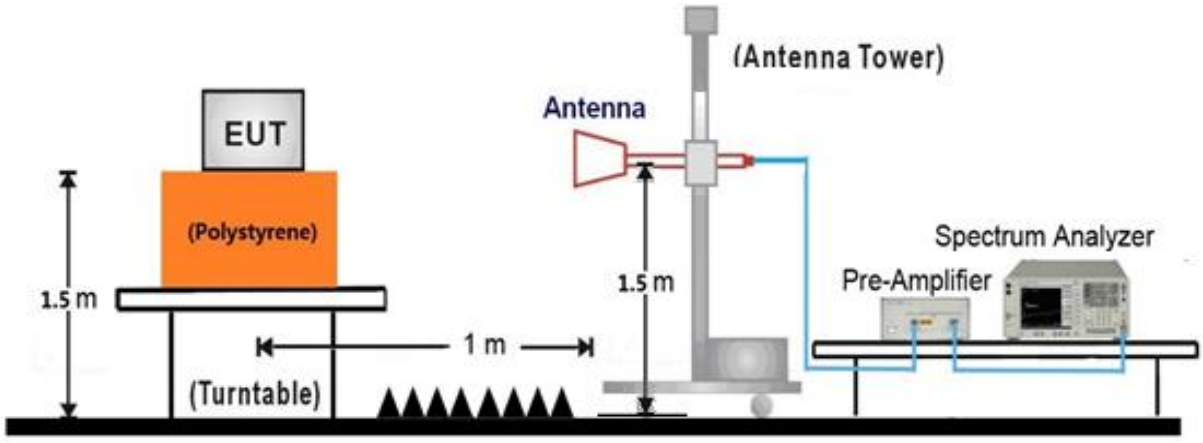
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Average Field Strength Measurements

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

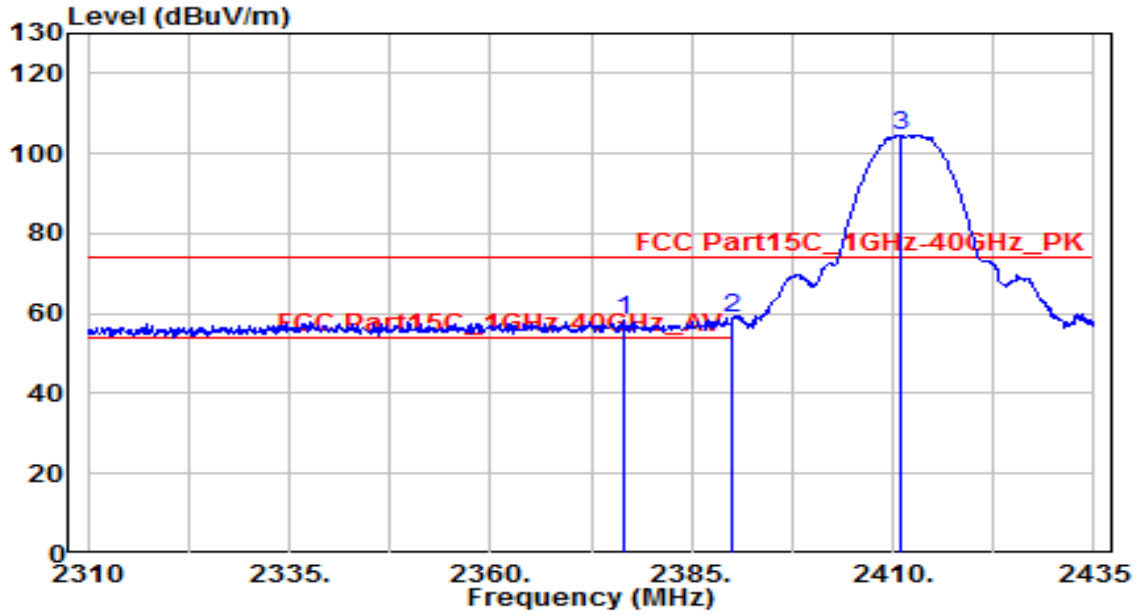
7.7.4. Test Setup

1GHz ~ 18GHz Test Setup:



7.7.5. Test Result

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 1_ANT 0	Test Voltage	AC 120V/60Hz

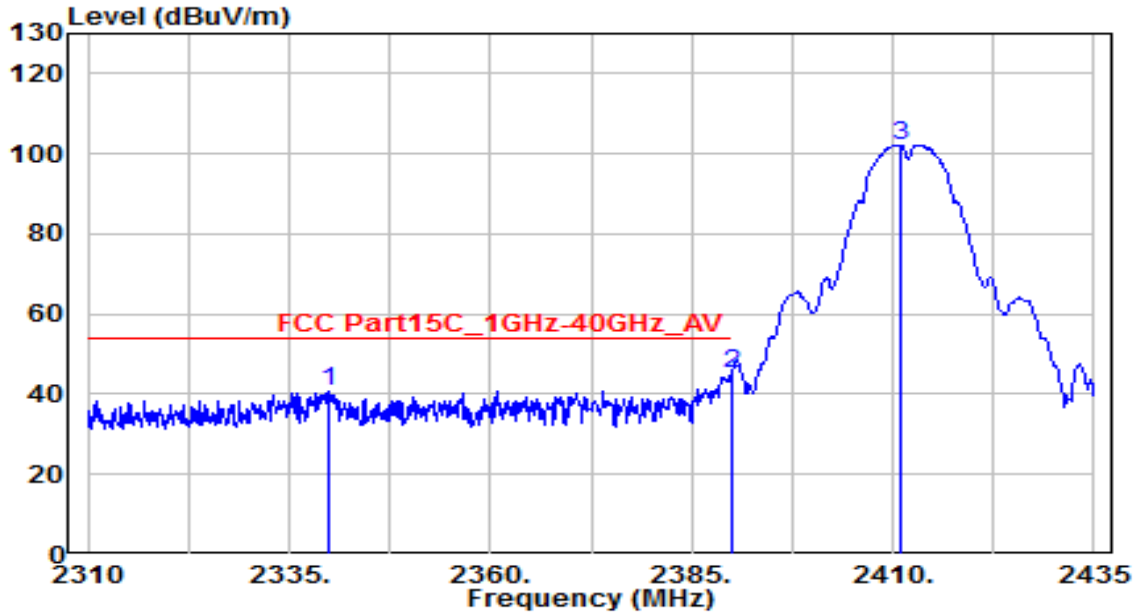


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2376.500	25.95	32.24	58.19	-15.81	74.00	140	360	Peak
2	*	2390.000	26.60	32.30	58.89	-15.11	74.00	140	360	Peak
3		2411.125	72.26	32.39	104.65	N/A	N/A	140	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 1_ANT 0	Test Voltage	AC 120V/60Hz

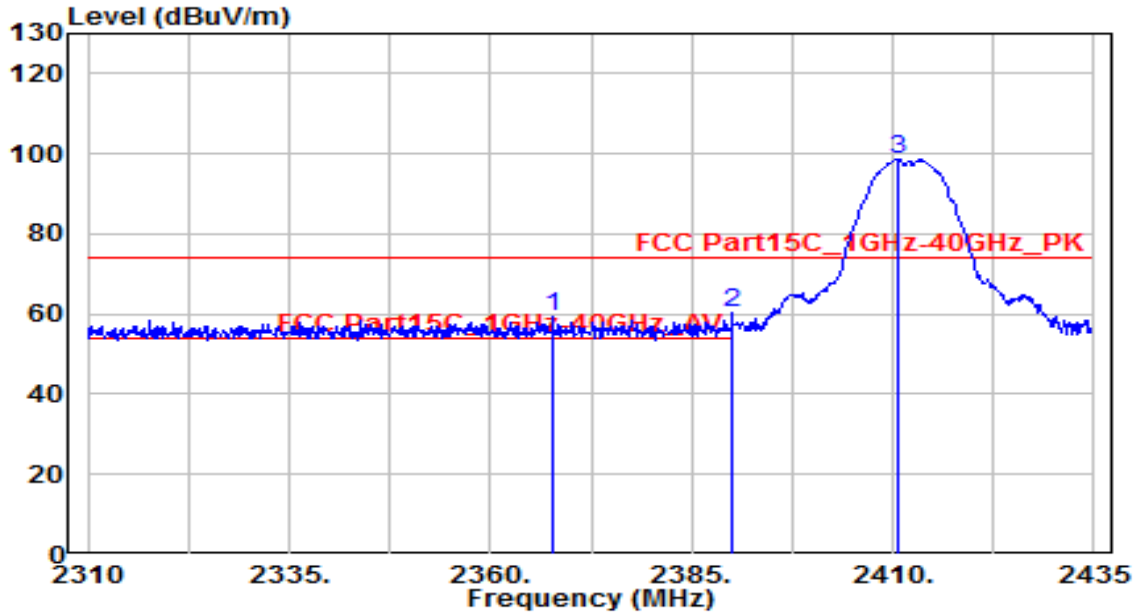


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2340.000	8.80	32.08	40.87	-13.13	54.00	140	360	Average
2	*	2390.000	12.89	32.30	45.19	-8.81	54.00	140	360	Average
3		2411.000	69.89	32.39	102.28	N/A	N/A	140	360	Average

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 1_ANT 0	Test Voltage	AC 120V/60Hz

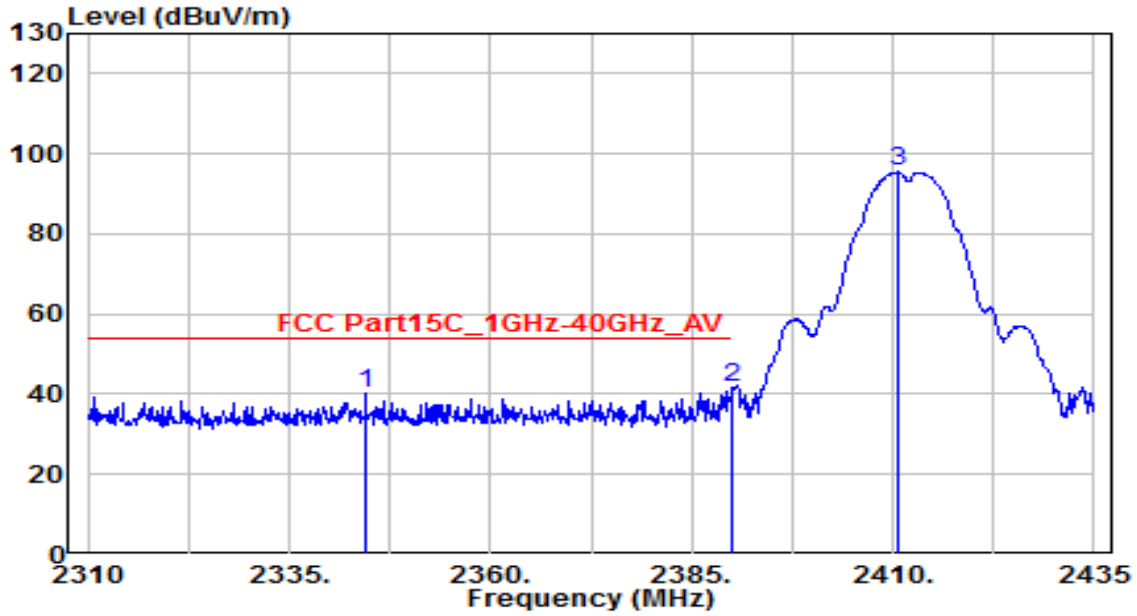


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2367.750	26.94	32.20	59.14	-14.86	74.00	100	270	Peak
2	*	2390.000	27.97	32.30	60.27	-13.73	74.00	100	270	Peak
3		2410.625	66.12	32.39	98.51	N/A	N/A	100	270	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 1_ANT 0	Test Voltage	AC 120V/60Hz

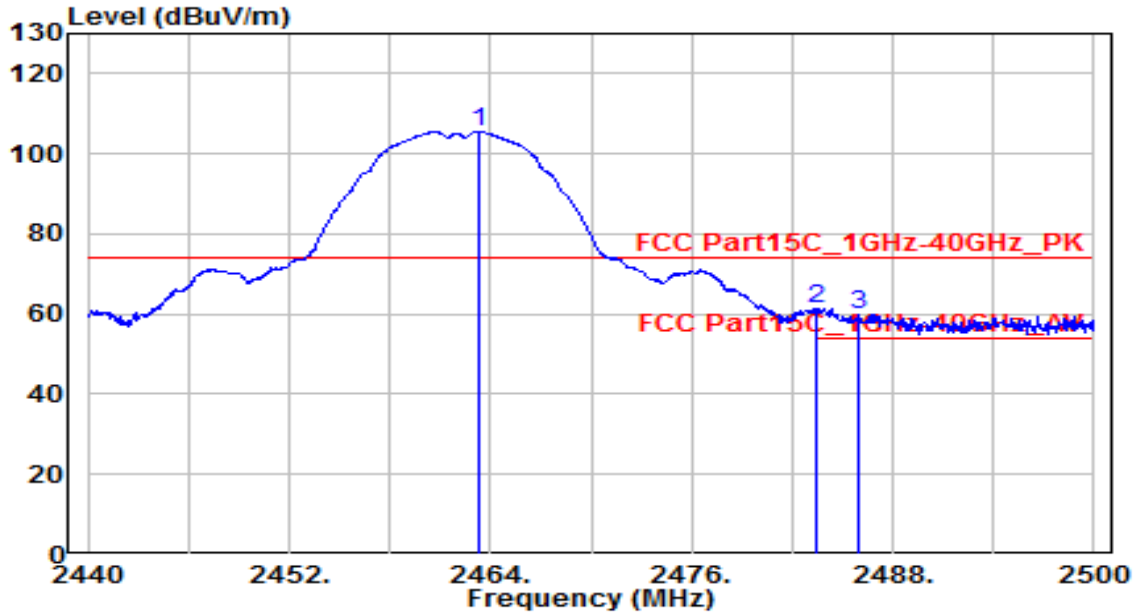


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2344.500	8.35	32.10	40.45	-13.55	54.00	100	270	Average
2	*	2390.000	9.25	32.30	41.55	-12.45	54.00	100	270	Average
3		2410.750	63.06	32.39	95.45	N/A	N/A	100	270	Average

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 11_ANT 0	Test Voltage	AC 120V/60Hz

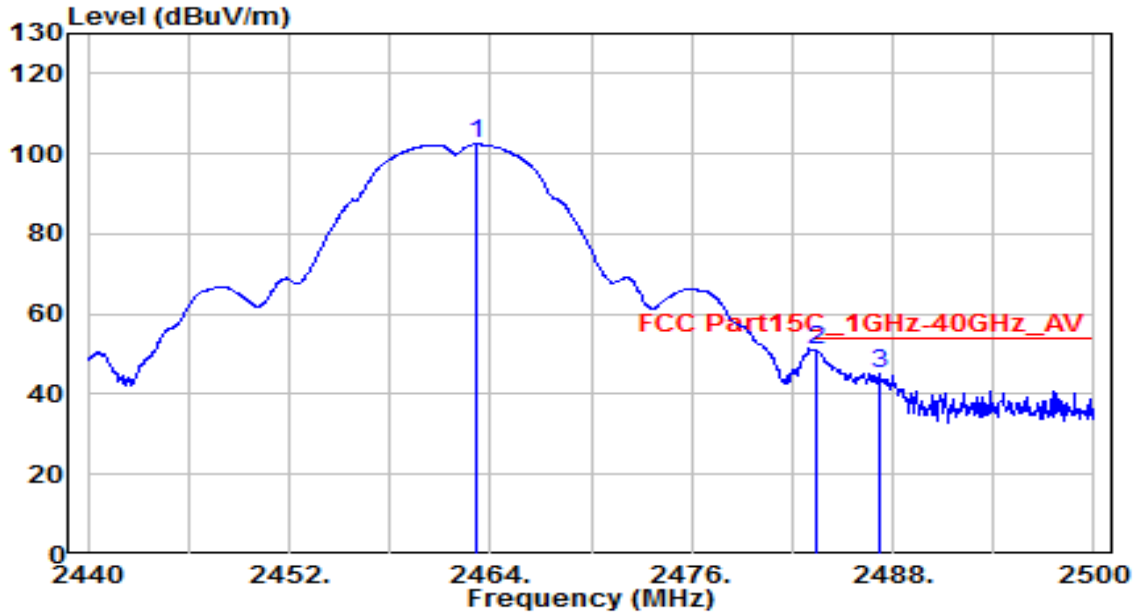


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2463.340	72.79	32.62	105.41	N/A	N/A	150	360	Peak
2	*	2483.500	28.86	32.71	61.56	-12.44	74.00	150	360	Peak
3		2485.960	27.11	32.72	59.83	-14.17	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 11_ANT 0	Test Voltage	AC 120V/60Hz

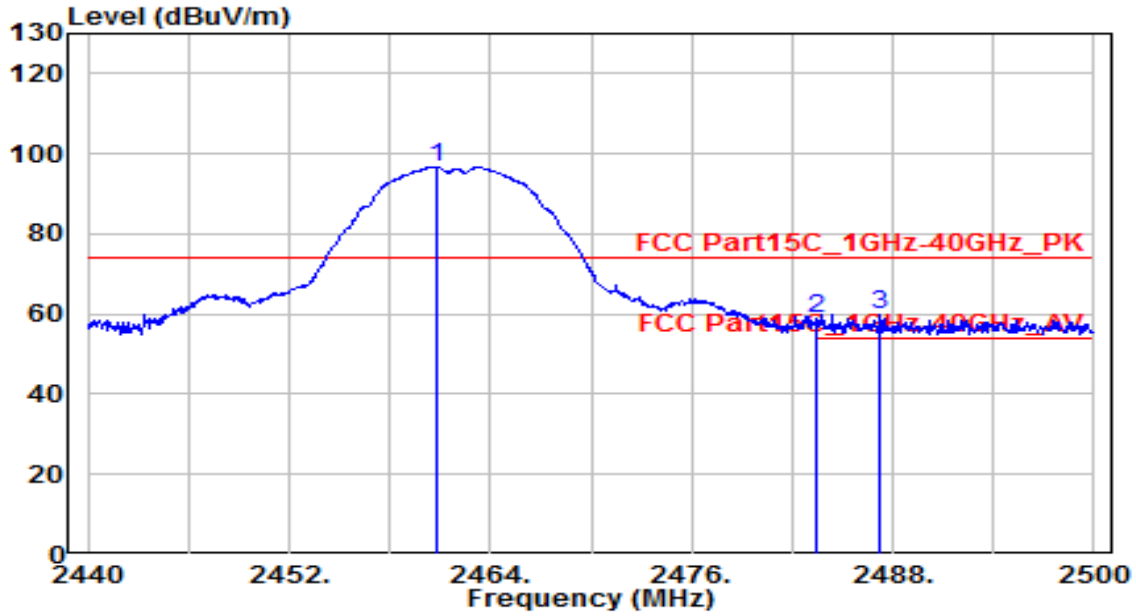


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2463.160	69.73	32.62	102.35	N/A	N/A	150	360	Average
2	*	2483.500	18.33	32.71	51.04	-2.96	54.00	150	360	Average
3		2487.160	12.17	32.72	44.89	-9.11	54.00	150	360	Average

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 11_ANT 0	Test Voltage	AC 120V/60Hz

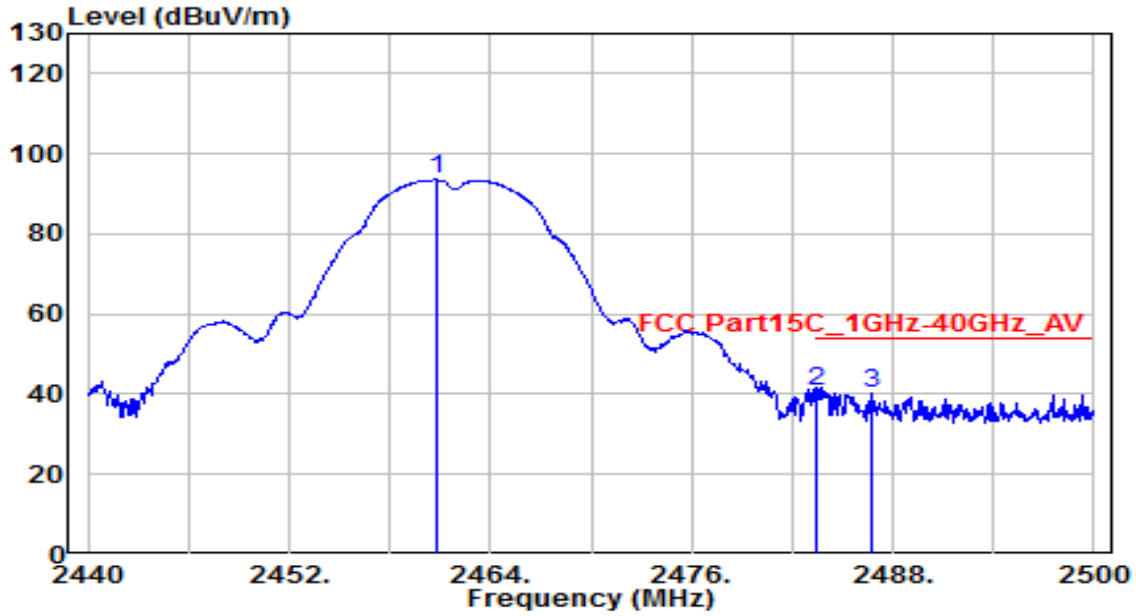


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.760	64.06	32.61	96.66	N/A	N/A	100	270	Peak
2		2483.500	26.17	32.71	58.87	-15.13	74.00	100	270	Peak
3	*	2487.280	26.98	32.72	59.70	-14.30	74.00	100	270	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11b_TX_CH 11_ANT 0	Test Voltage	AC 120V/60Hz

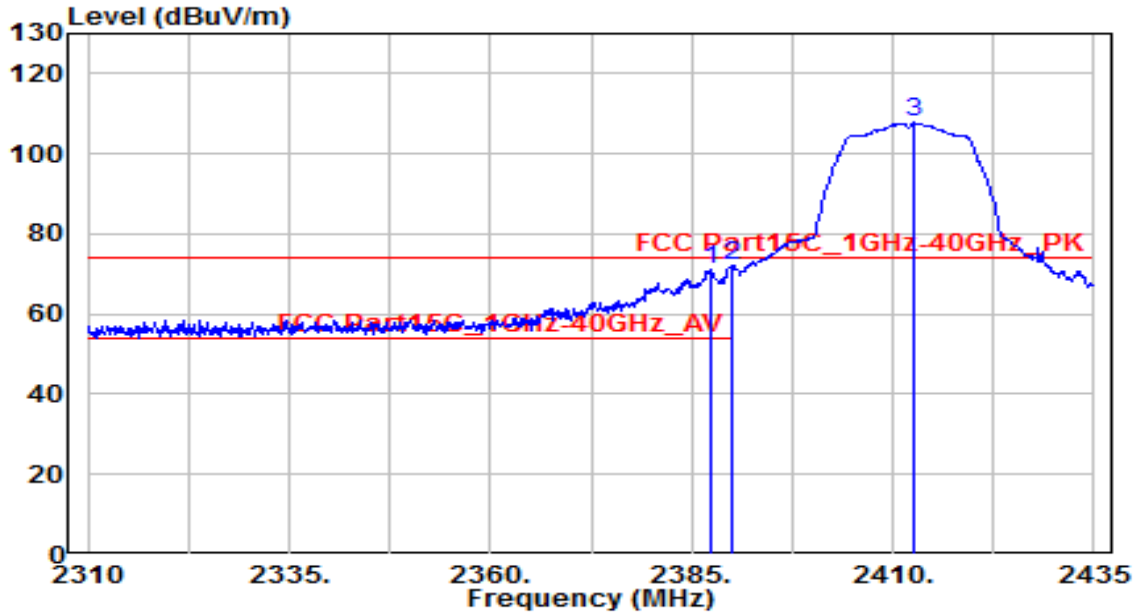


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.760	60.93	32.61	93.54	N/A	N/A	100	270	Average
2	*	2483.500	8.24	32.71	40.95	-13.05	54.00	100	270	Average
3		2486.800	7.49	32.72	40.22	-13.78	54.00	100	270	Average

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 1_ANT 0	Test Voltage	AC 120V/60Hz

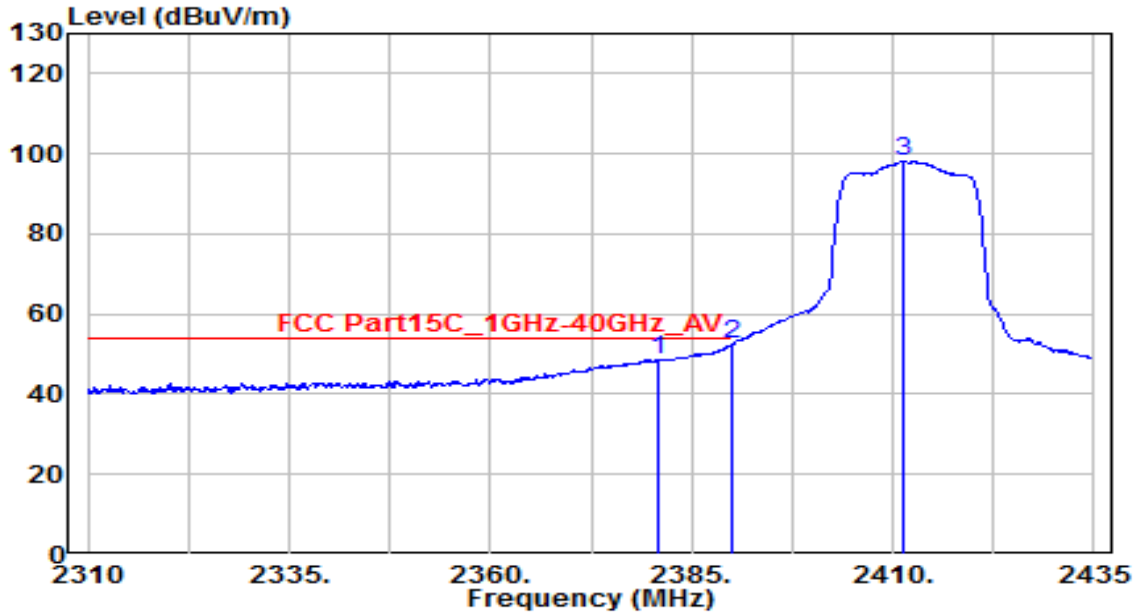


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2387.250	38.84	32.28	71.12	-2.88	74.00	140	360	Peak
2	*	2390.000	39.76	32.30	72.05	-1.95	74.00	140	360	Peak
3		2412.500	75.35	32.40	107.74	N/A	N/A	140	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 1_ANT 0	Test Voltage	AC 120V/60Hz

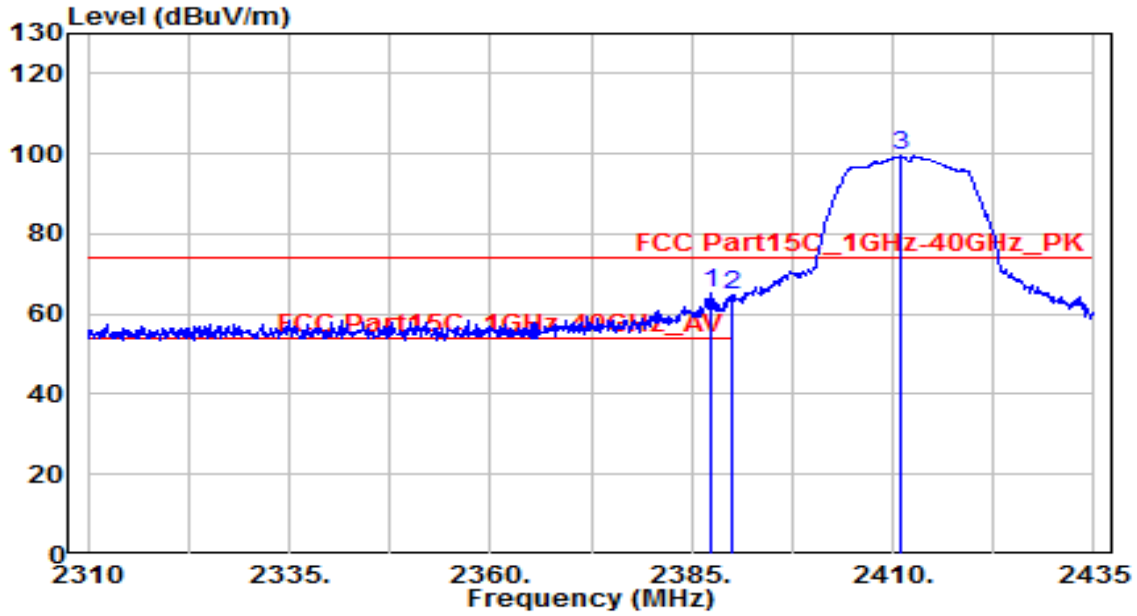


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2380.750	16.41	32.26	48.66	-5.34	54.00	140	360	Average
2	*	2390.000	20.01	32.30	52.31	-1.69	54.00	140	360	Average
3		2411.250	65.88	32.39	98.27	N/A	N/A	140	360	Average

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 1_ANT 0	Test Voltage	AC 120V/60Hz

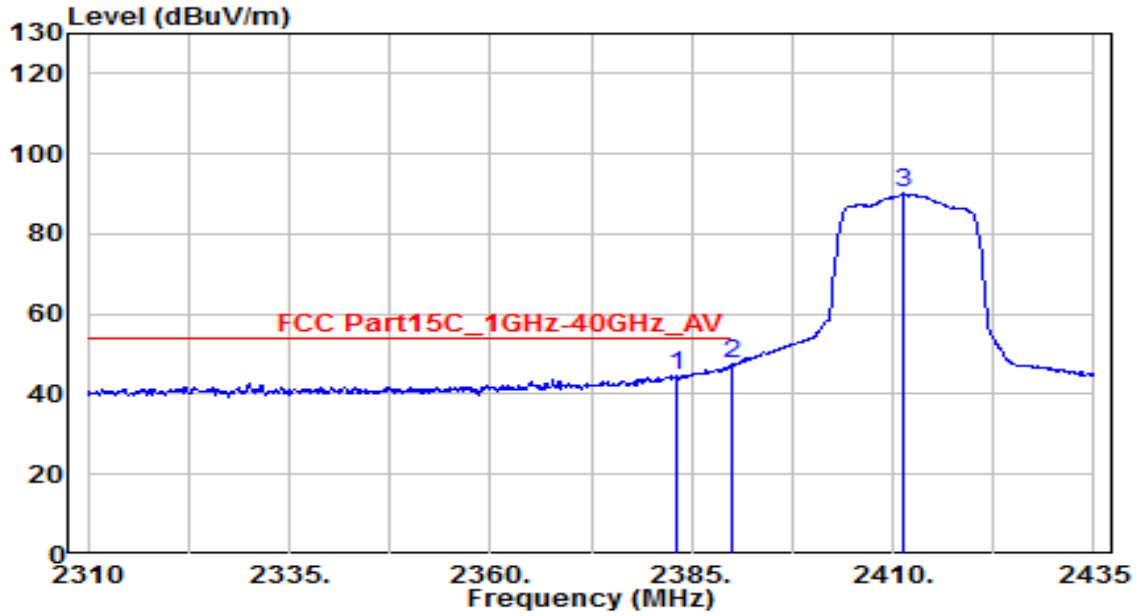


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2387.250	32.73	32.28	65.02	-8.98	74.00	100	270	Peak
2		2390.000	32.56	32.30	64.86	-9.14	74.00	100	270	Peak
3		2411.125	67.03	32.39	99.42	N/A	N/A	100	270	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 1_ANT 0	Test Voltage	AC 120V/60Hz

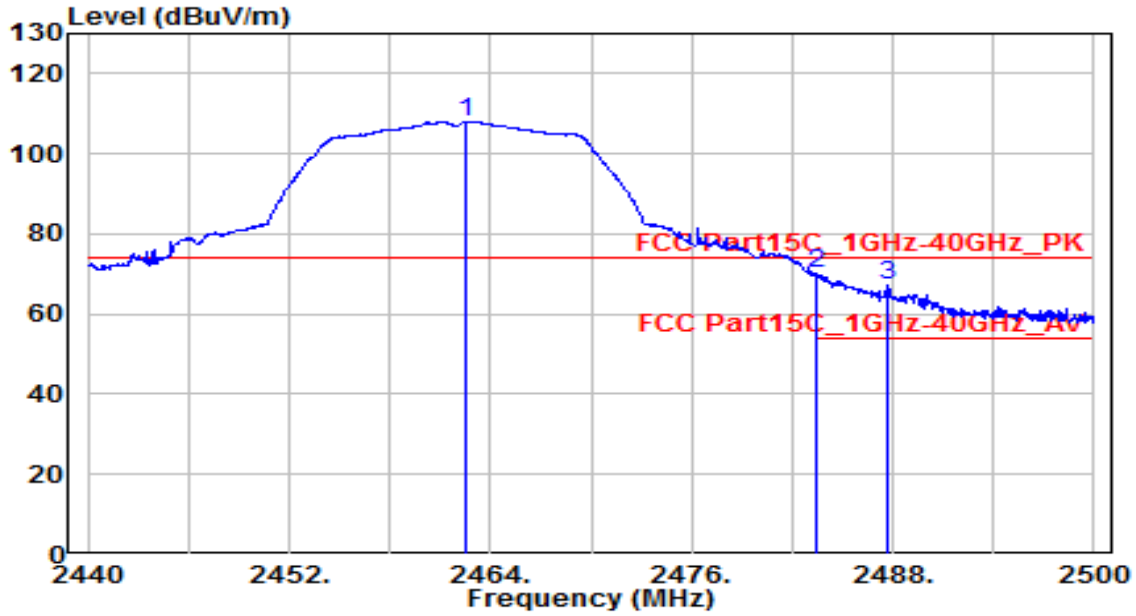


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2383.000	12.27	32.27	44.54	-9.46	54.00	100	270	Average
2	*	2390.000	15.09	32.30	47.38	-6.62	54.00	100	270	Average
3		2411.250	57.65	32.39	90.04	N/A	N/A	100	270	Average

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 11_ANT 0	Test Voltage	AC 120V/60Hz

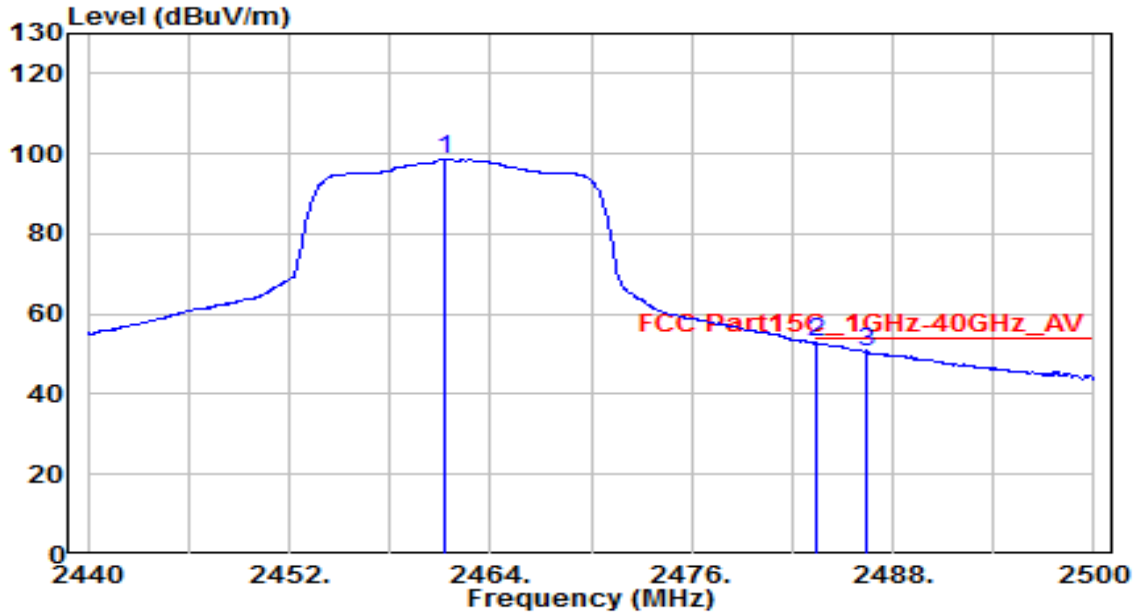


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2462.560	75.55	32.62	108.16	N/A	N/A	150	360	Peak
2	*	2483.500	37.36	32.71	70.07	-3.93	74.00	150	360	Peak
3		2487.640	34.63	32.73	67.36	-6.64	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 11_ANT 0	Test Voltage	AC 120V/60Hz

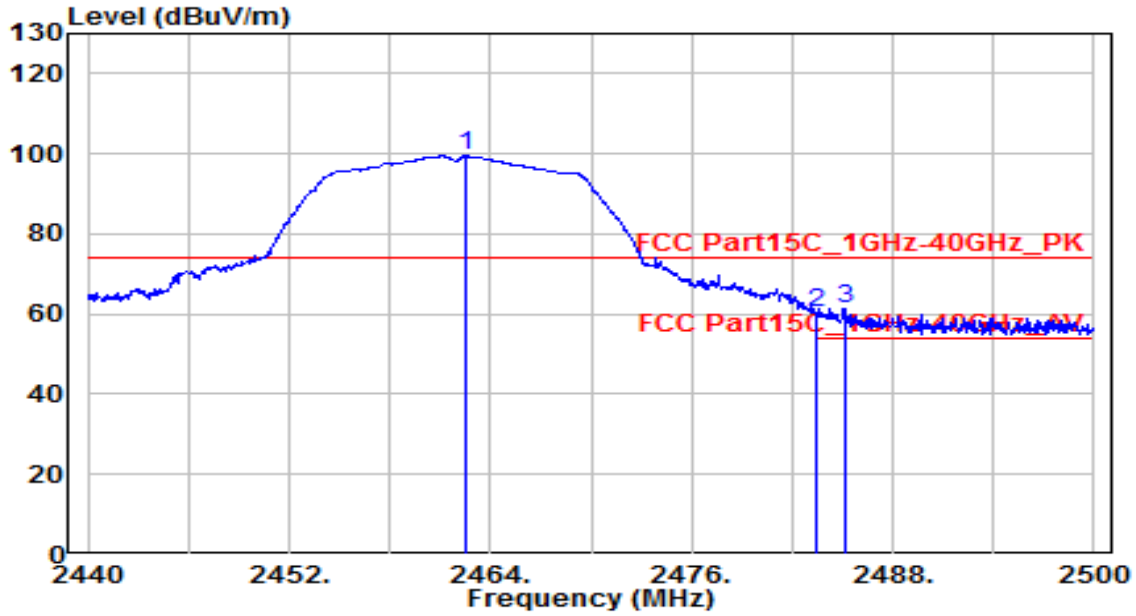


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2461.240	66.07	32.61	98.68	N/A	N/A	150	360	Average
2	*	2483.500	20.04	32.71	52.75	-1.25	54.00	150	360	Average
3		2486.500	18.02	32.72	50.74	-3.26	54.00	150	360	Average

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 11_ANT 0	Test Voltage	AC 120V/60Hz

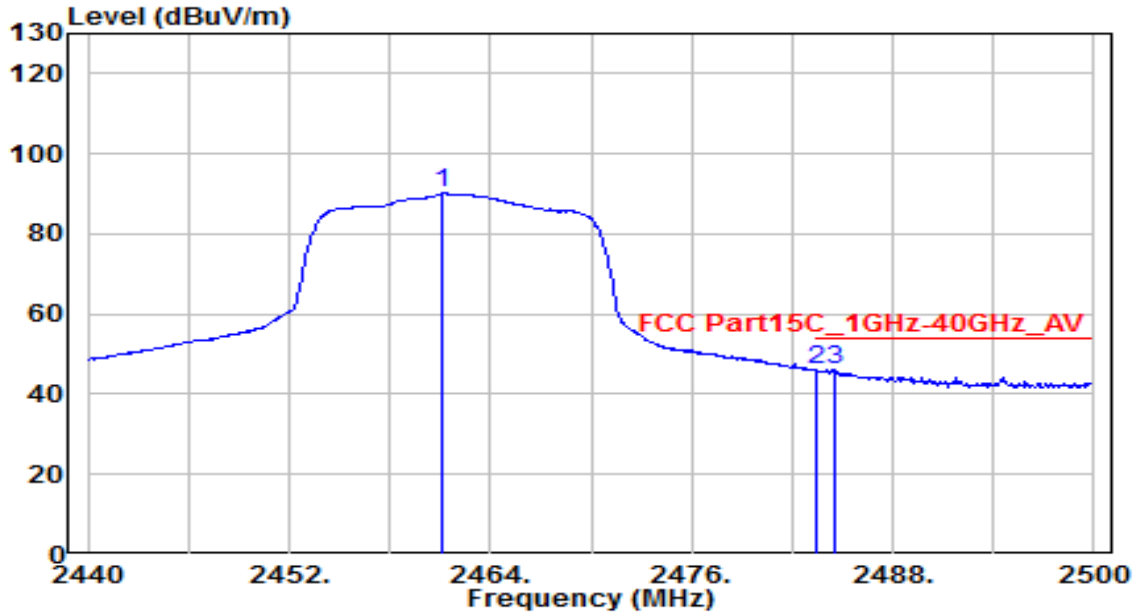


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2462.500	66.81	32.62	99.42	N/A	N/A	100	270	Peak
2		2483.500	27.87	32.71	60.57	-13.43	74.00	100	270	Peak
3	*	2485.240	28.58	32.72	61.30	-12.70	74.00	100	270	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11g_TX_CH 11_ANT 0	Test Voltage	AC 120V/60Hz

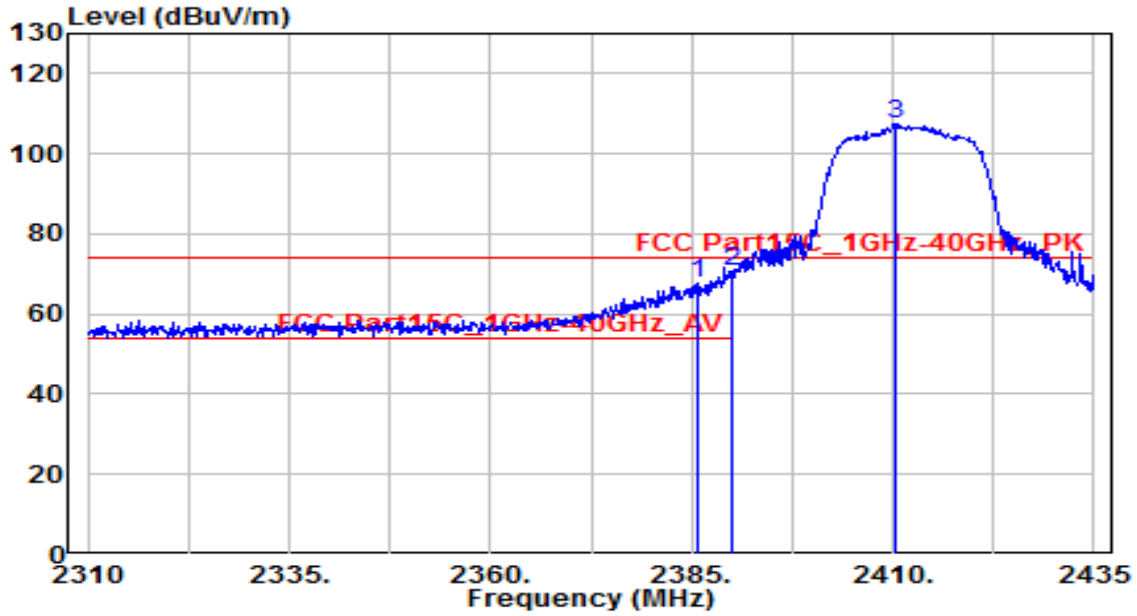


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2461.180	57.50	32.61	90.10	N/A	N/A	100	270	Average
2		2483.500	13.22	32.71	45.93	-8.07	54.00	100	270	Average
3	*	2484.580	13.41	32.71	46.12	-7.88	54.00	100	270	Average

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0	Test Voltage	AC 120V/60Hz

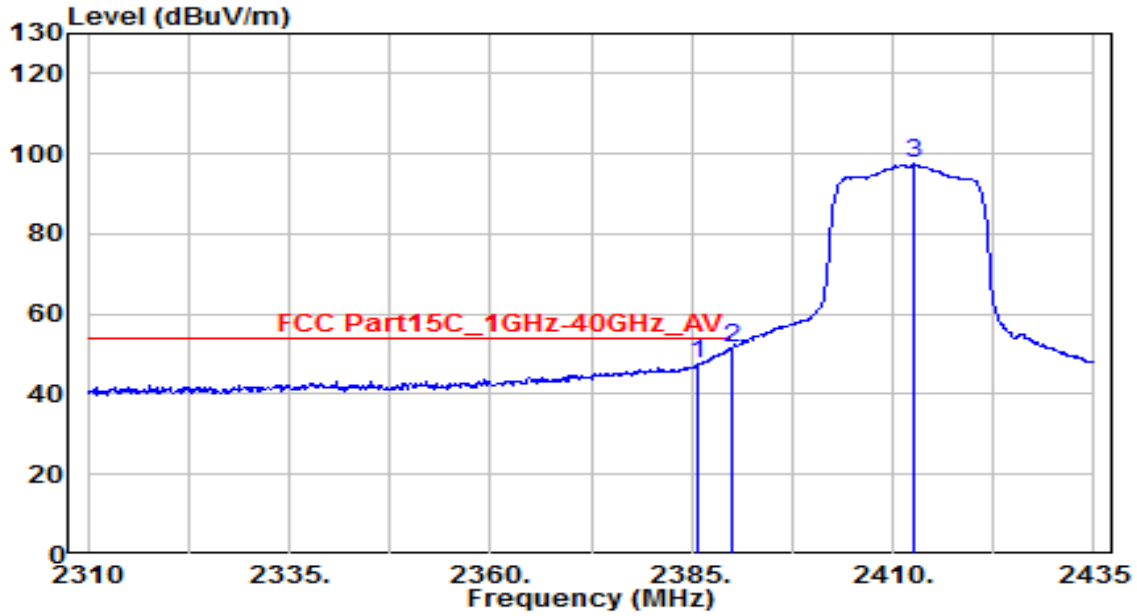


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2385.625	35.45	32.28	67.73	-6.27	74.00	140	360	Peak
2	*	2390.000	38.20	32.30	70.50	-3.50	74.00	140	360	Peak
3		2410.375	75.18	32.39	107.57	N/A	N/A	140	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0	Test Voltage	AC 120V/60Hz

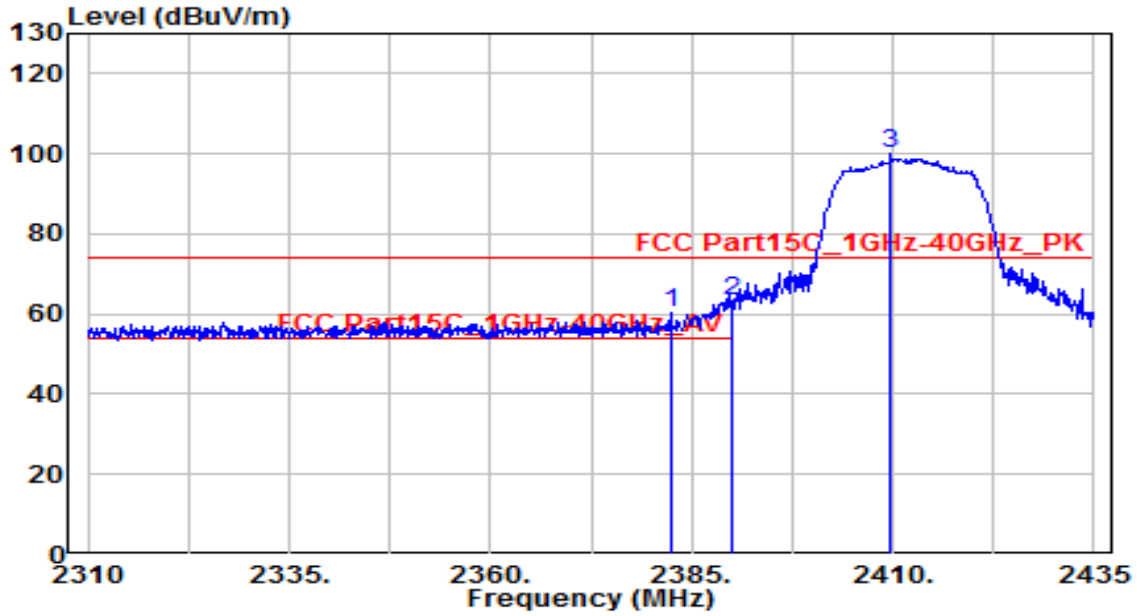


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2385.875	15.35	32.28	47.63	-6.37	54.00	140	360	Average
2	*	2390.000	19.45	32.30	51.75	-2.25	54.00	140	360	Average
3		2412.625	65.07	32.40	97.46	N/A	N/A	140	360	Average

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0	Test Voltage	AC 120V/60Hz

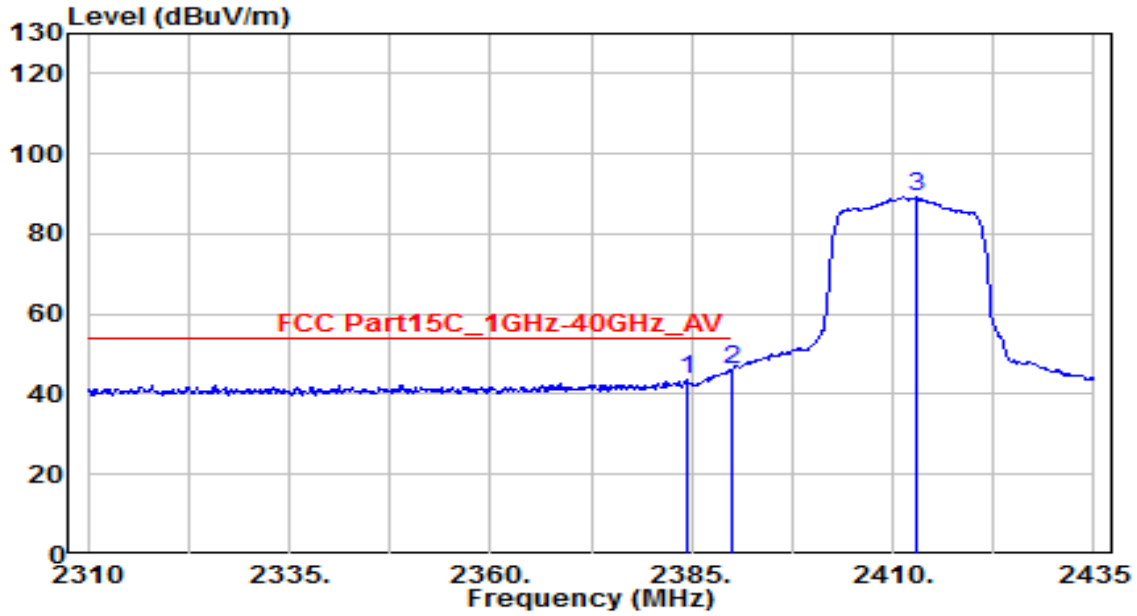


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2382.375	28.12	32.26	60.38	-13.62	74.00	100	270	Peak
2	*	2390.000	30.79	32.30	63.09	-10.91	74.00	100	270	Peak
3		2409.750	67.79	32.38	100.18	N/A	N/A	100	270	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0	Test Voltage	AC 120V/60Hz

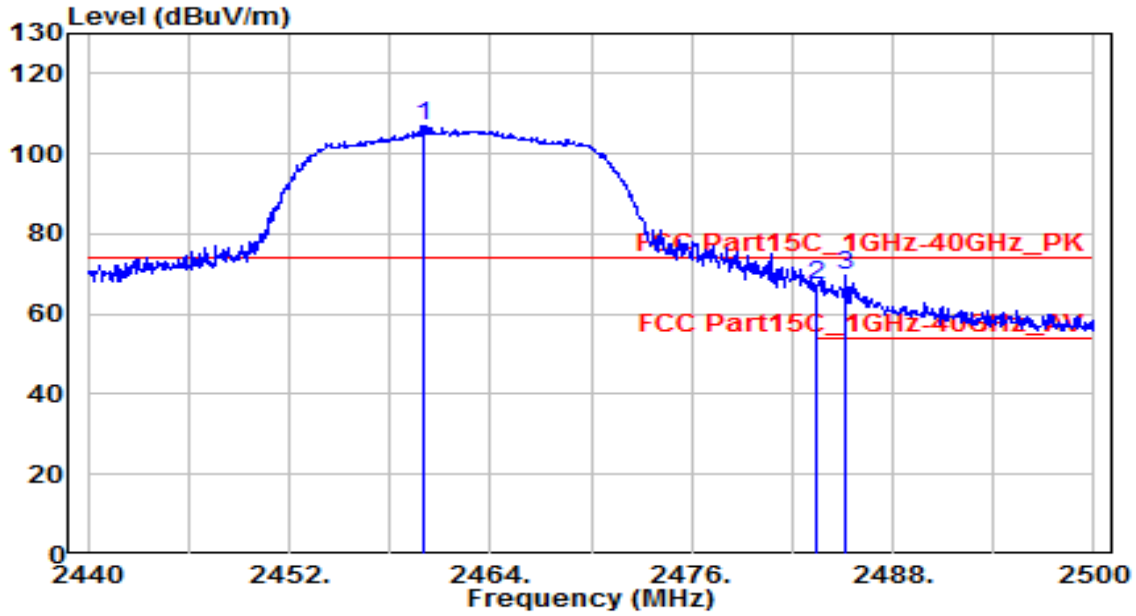


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2384.375	11.15	32.27	43.42	-10.58	54.00	100	270	Average
2	*	2390.000	13.62	32.30	45.91	-8.09	54.00	100	270	Average
3		2412.875	56.72	32.40	89.11	N/A	N/A	100	270	Average

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0	Test Voltage	AC 120V/60Hz

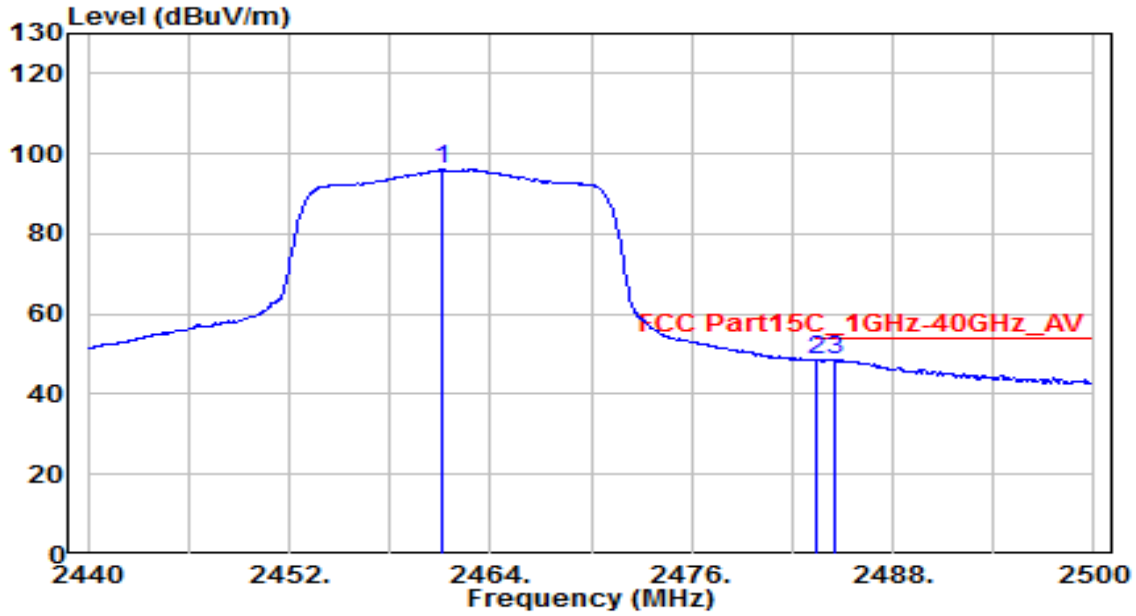


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2459.980	74.51	32.60	107.12	N/A	N/A	150	360	Peak
2		2483.500	34.33	32.71	67.04	-6.96	74.00	150	360	Peak
3	*	2485.180	36.91	32.71	69.63	-4.37	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0	Test Voltage	AC 120V/60Hz

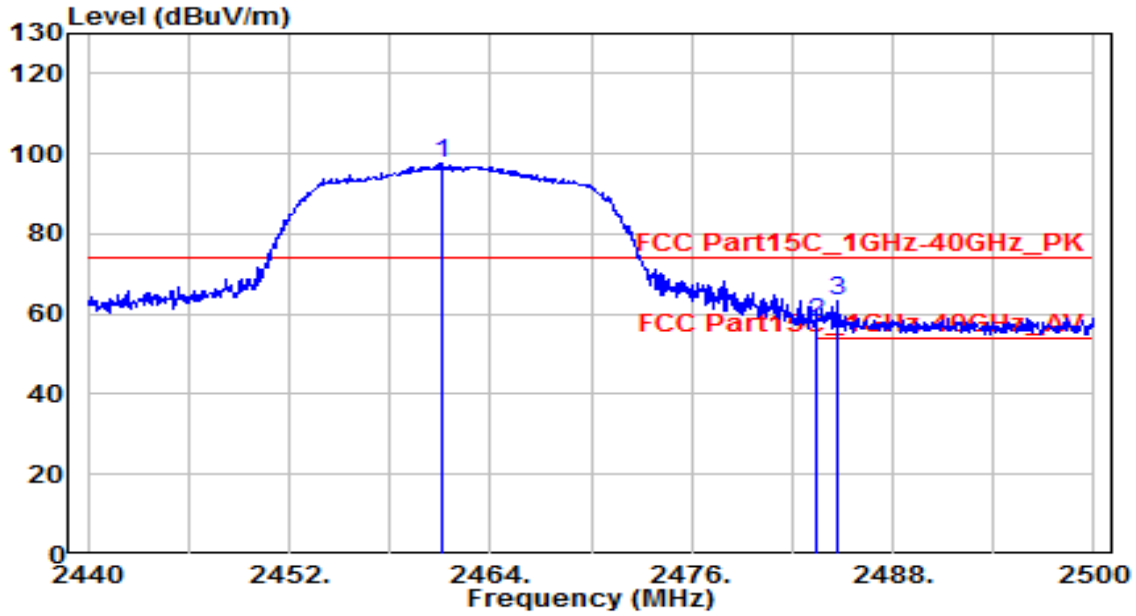


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2461.120	63.53	32.61	96.14	N/A	N/A	150	360	Average
2		2483.500	15.76	32.71	48.47	-5.53	54.00	150	360	Average
3	*	2484.520	16.00	32.71	48.71	-5.29	54.00	150	360	Average

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0	Test Voltage	AC 120V/60Hz

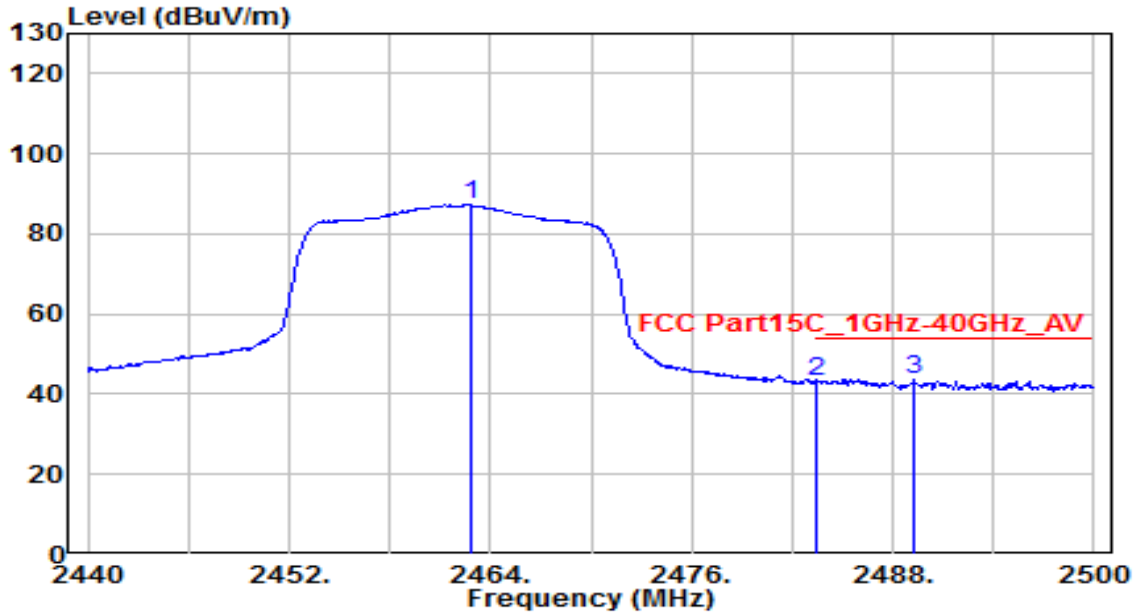


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2461.120	65.19	32.61	97.80	N/A	N/A	100	270	Peak
2		2483.500	25.40	32.71	58.10	-15.90	74.00	100	270	Peak
3	*	2484.760	30.43	32.71	63.14	-10.86	74.00	100	270	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0	Test Voltage	AC 120V/60Hz

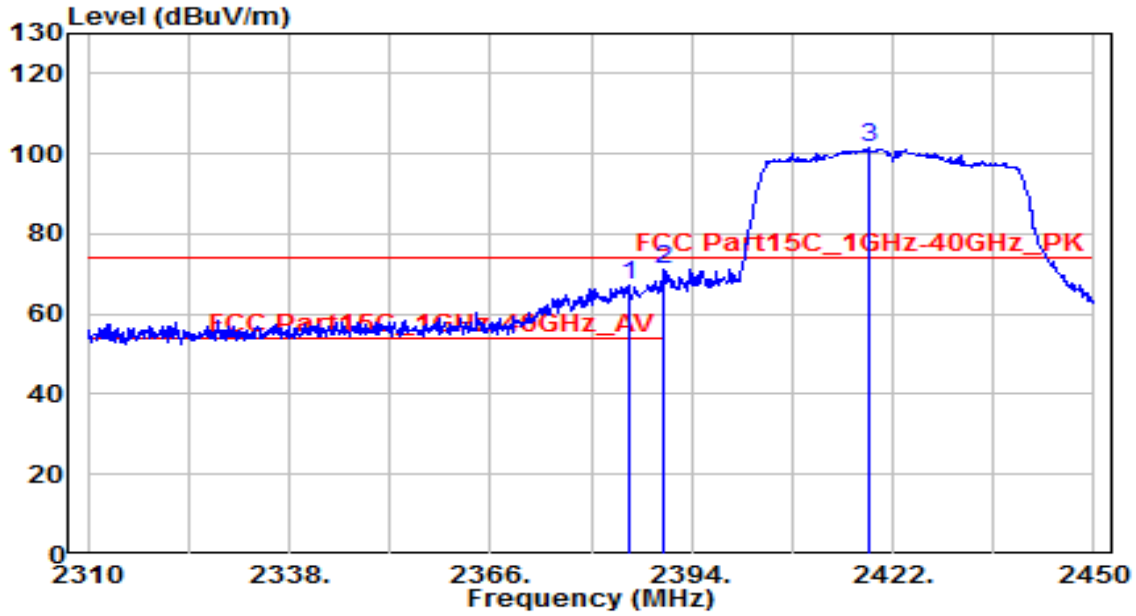


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2462.800	54.69	32.62	87.31	N/A	N/A	100	270	Average
2		2483.500	10.43	32.71	43.14	-10.86	54.00	100	270	Average
3	*	2489.320	10.77	32.73	43.51	-10.49	54.00	100	270	Average

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0	Test Voltage	AC 120V/60Hz

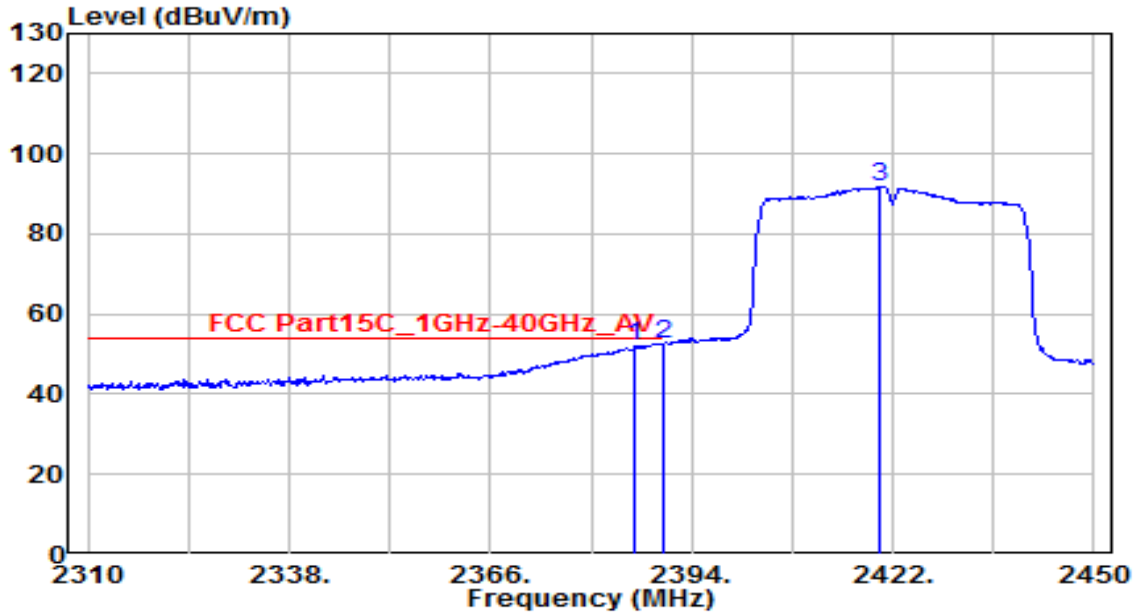


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2385.180	34.70	32.27	66.98	-7.02	74.00	140	360	Peak
2	*	2390.000	38.74	32.30	71.04	-2.96	74.00	140	360	Peak
3		2418.640	68.99	32.42	101.41	N/A	N/A	140	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0	Test Voltage	AC 120V/60Hz

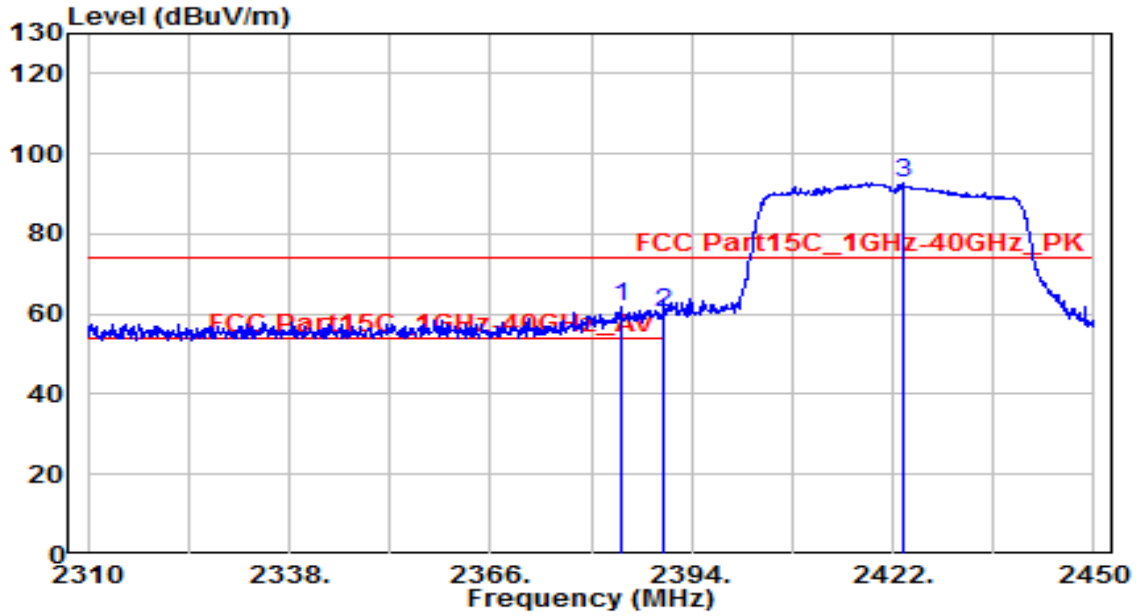


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2386.160	19.60	32.28	51.88	-2.12	54.00	140	360	Average
2	*	2390.000	20.17	32.30	52.47	-1.53	54.00	140	360	Average
3		2420.320	59.43	32.43	91.86	N/A	N/A	140	360	Average

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0	Test Voltage	AC 120V/60Hz

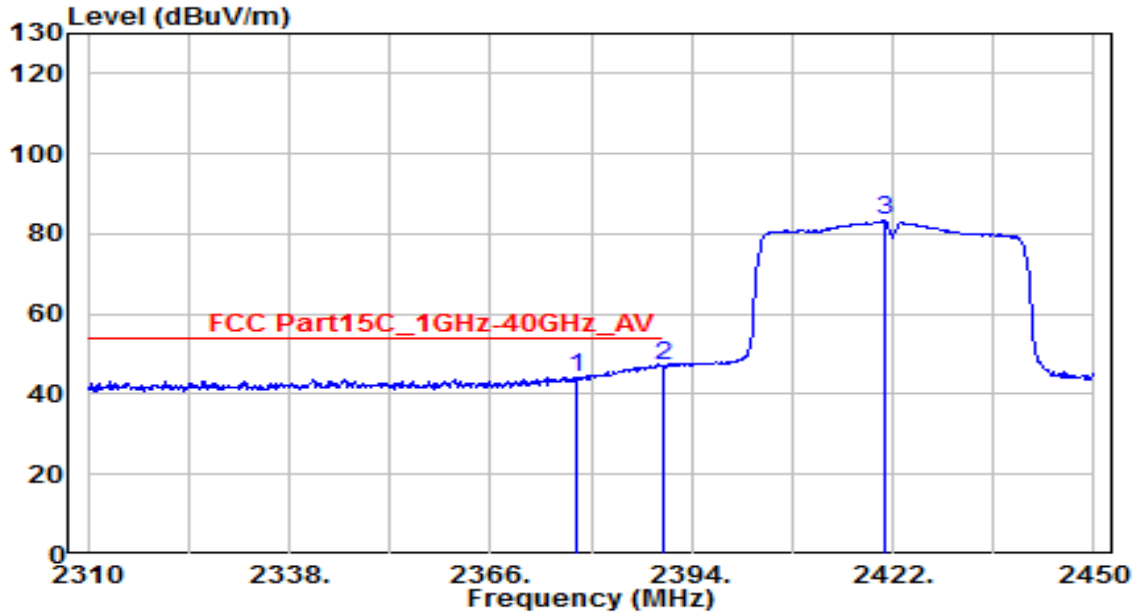


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2384.200	29.65	32.27	61.92	-12.08	74.00	100	270	Peak
2		2390.000	28.13	32.30	60.42	-13.58	74.00	100	270	Peak
3		2423.540	60.25	32.44	92.70	N/A	N/A	100	270	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0	Test Voltage	AC 120V/60Hz

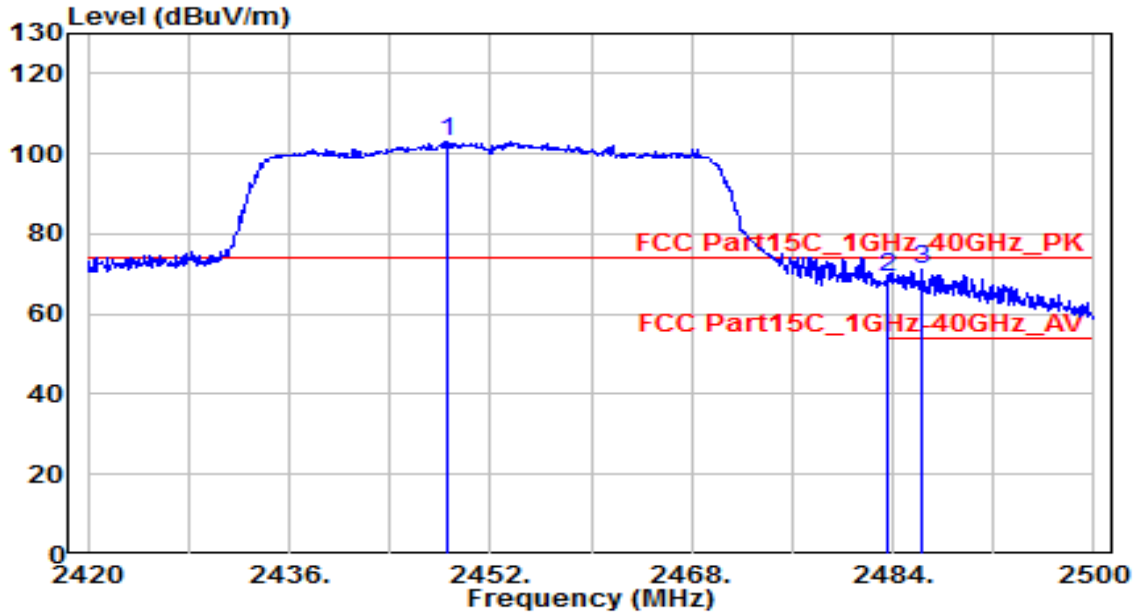


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2377.900	12.13	32.24	44.37	-9.63	54.00	100	270	Average
2	*	2390.000	14.73	32.30	47.03	-6.97	54.00	100	270	Average
3		2420.740	51.06	32.43	83.50	N/A	N/A	100	270	Average

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0	Test Voltage	AC 120V/60Hz

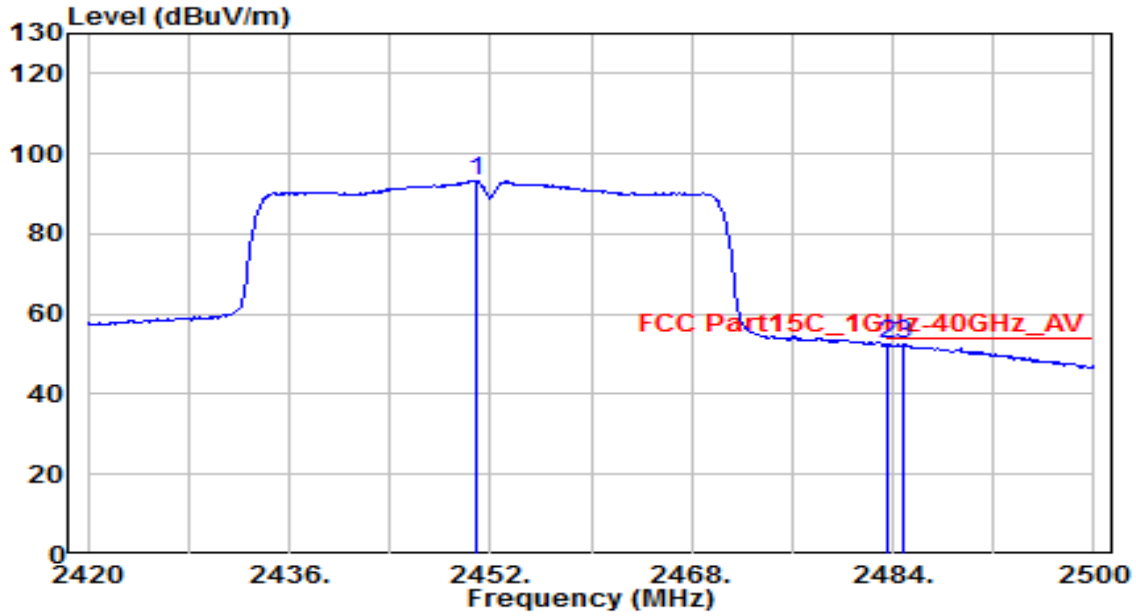


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2448.560	70.69	32.55	103.24	N/A	N/A	150	360	Peak
2		2483.500	36.69	32.71	69.40	-4.60	74.00	150	360	Peak
3	*	2486.400	38.23	32.72	70.95	-3.05	74.00	150	360	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0	Test Voltage	AC 120V/60Hz

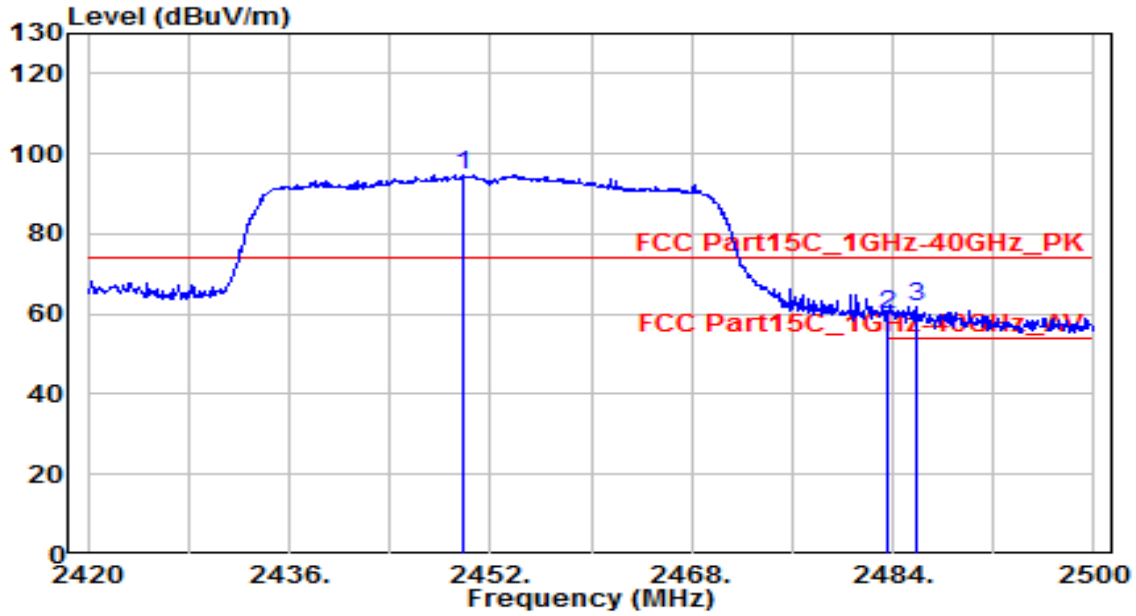


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2450.800	60.63	32.56	93.19	N/A	N/A	150	360	Average
2		2483.500	19.73	32.71	52.43	-1.57	54.00	150	360	Average
3	*	2484.880	19.73	32.71	52.45	-1.55	54.00	150	360	Average

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0	Test Voltage	AC 120V/60Hz

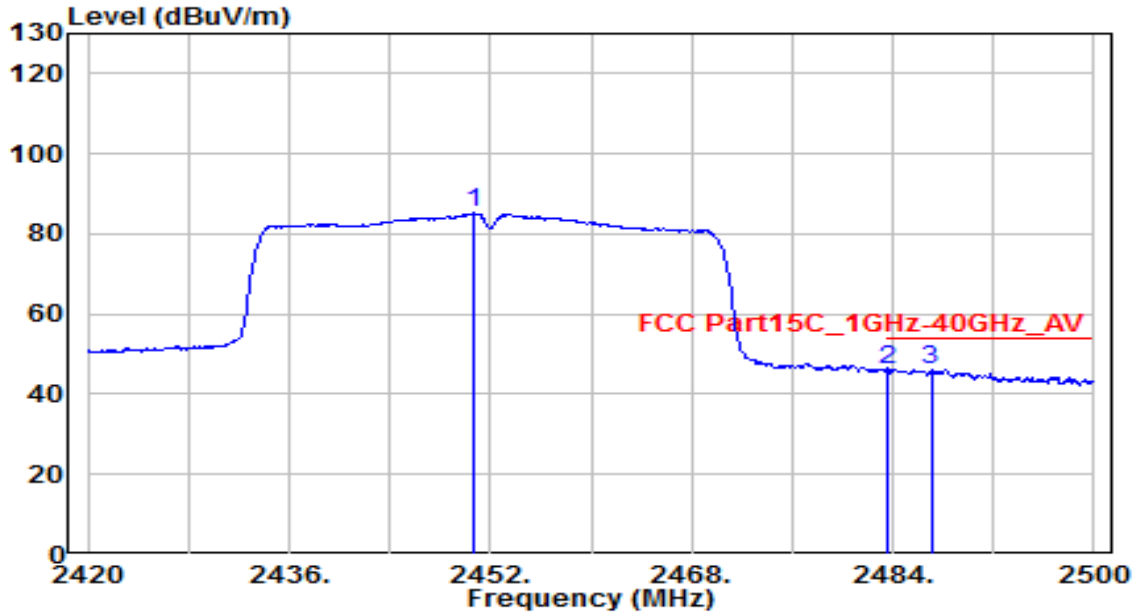


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2449.920	62.35	32.56	94.91	N/A	N/A	100	270	Peak
2		2483.500	27.15	32.71	59.86	-14.14	74.00	100	270	Peak
3	*	2485.920	29.15	32.72	61.87	-12.13	74.00	100	270	Peak

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-23
Factor	BBHA 9120D	Temp. / Humidity	21°C /61%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2450.640	52.69	32.56	85.25	N/A	N/A	100	270	Average
2	*	2483.500	13.64	32.71	46.35	-7.65	54.00	100	270	Average
3		2487.040	13.53	32.72	46.25	-7.75	54.00	100	270	Average

Note:

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

7.8. AC Conducted Emissions Measurement

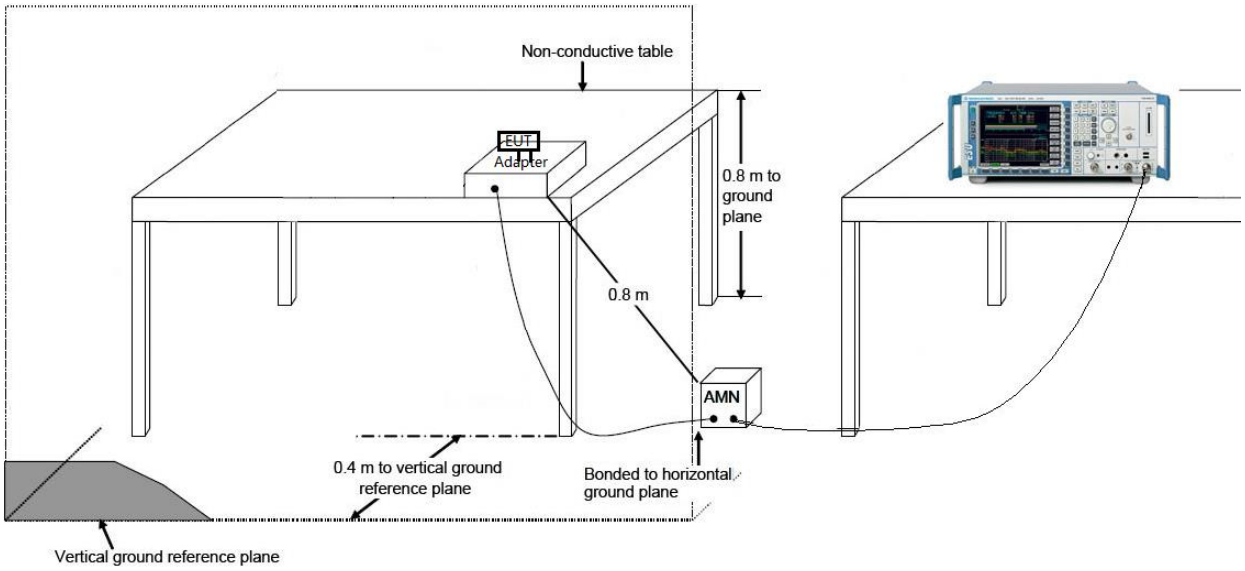
7.8.1. Test Limit

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

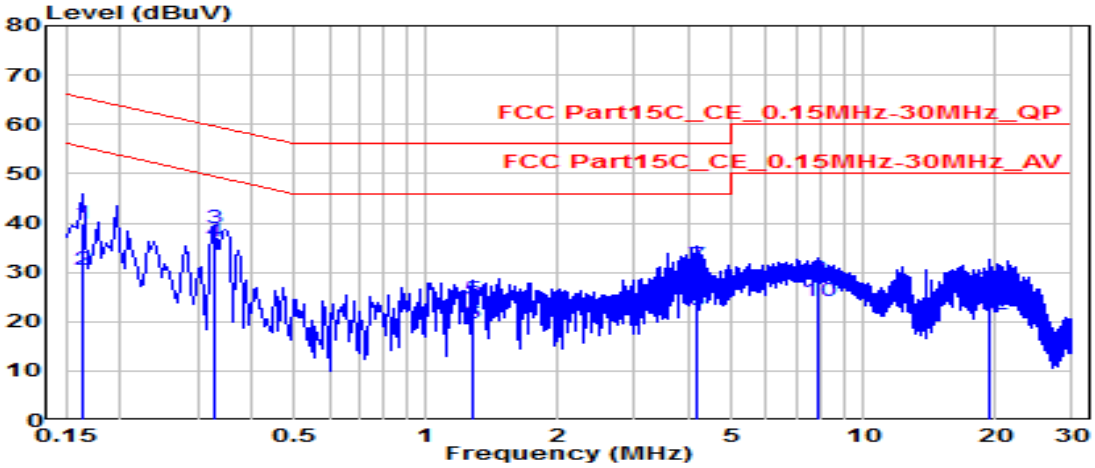
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3. Test Result

EUT	Rugged Tablet	Date of Test	2021-03-16
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	27°C /57%
Polarity	Line1	Site / Test Engineer	SR2 / Tim
Test Mode	802.11n-20_TX_CH 6_ANT 0	Test Voltage	AC 120V/60Hz

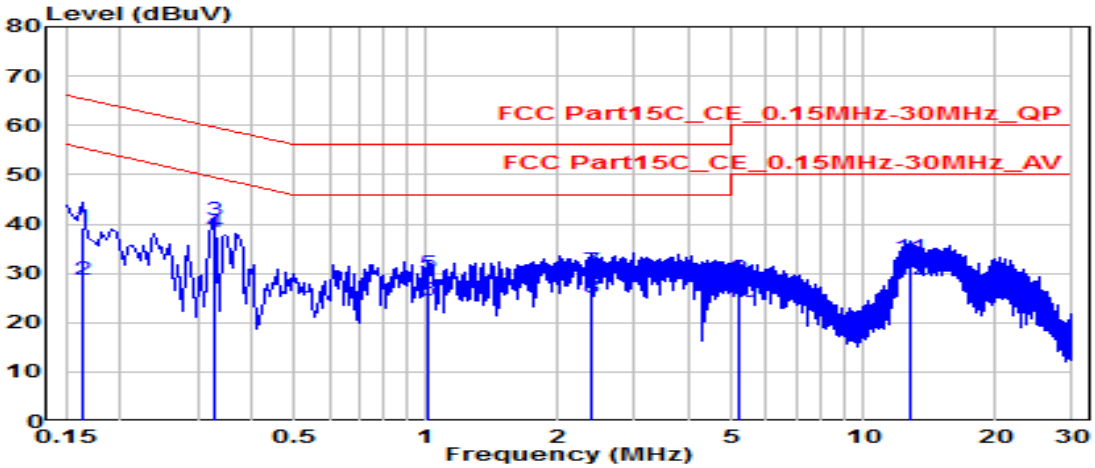


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		0.163	30.20	9.61	39.81	-25.47	65.28	QP
2		0.163	20.89	9.61	30.51	-24.78	55.28	Average
3	*	0.330	29.33	9.62	38.95	-20.50	59.45	QP
4	*	0.330	26.56	9.62	36.18	-13.27	49.45	Average
5		1.279	14.92	9.67	24.58	-31.42	56.00	QP
6		1.279	9.87	9.67	19.54	-26.46	46.00	Average
7		4.159	21.78	9.72	31.50	-24.50	56.00	QP
8		4.159	12.59	9.72	22.32	-23.68	46.00	Average
9		7.858	18.81	9.82	28.63	-31.37	60.00	QP
10		7.858	14.41	9.82	24.23	-25.77	50.00	Average
11		19.381	16.48	9.98	26.46	-33.54	60.00	QP
12		19.381	11.46	9.98	21.44	-28.56	50.00	Average

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-16
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	27°C /57%
Polarity	Neutral	Site / Test Engineer	SR2 / Tim
Test Mode	802.11n-20_TX_CH 6_ANT 0	Test Voltage	AC 120V/60Hz

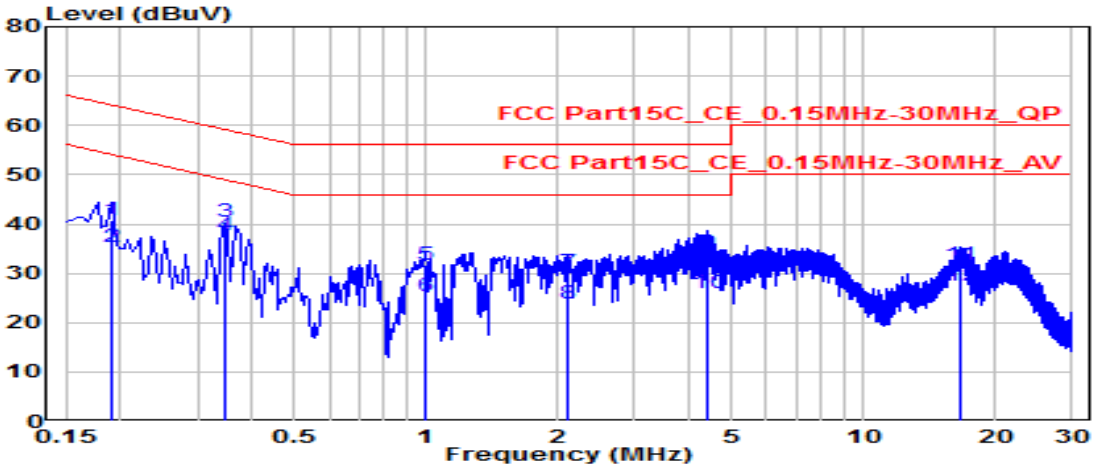


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		0.163	29.56	9.62	39.19	-26.10	65.28	QP
2		0.163	18.92	9.62	28.54	-26.74	55.28	Average
3	*	0.330	31.01	9.63	40.64	-18.81	59.45	QP
4	*	0.330	28.62	9.63	38.25	-11.20	49.45	Average
5		1.009	20.32	9.67	29.99	-26.01	56.00	QP
6		1.009	14.69	9.67	24.36	-21.64	46.00	Average
7		2.373	20.73	9.70	30.42	-25.58	56.00	QP
8		2.373	15.37	9.70	25.07	-20.93	46.00	Average
9		5.207	19.36	9.76	29.12	-30.88	60.00	QP
10		5.207	14.50	9.76	24.25	-25.75	50.00	Average
11		12.740	23.16	9.94	33.10	-26.90	60.00	QP
12		12.740	18.65	9.94	28.59	-21.41	50.00	Average

Note:

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

EUT	Rugged Tablet	Date of Test	2021-03-16
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	27°C /57%
Polarity	Line1	Site / Test Engineer	SR2 / Tim
Test Mode	802.11n-20_TX_CH 6_ANT 0	Test Voltage	AC 240V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		0.190	31.21	9.61	40.82	-23.19	64.01	QP
2		0.190	25.66	9.61	35.27	-18.75	54.01	Average
3	*	0.348	30.94	9.62	40.56	-18.45	59.01	QP
4	*	0.348	28.13	9.62	37.75	-11.26	49.01	Average
5		1.000	22.17	9.66	31.83	-24.17	56.00	QP
6		1.000	15.62	9.66	25.28	-20.72	46.00	Average
7		2.094	20.58	9.69	30.27	-25.73	56.00	QP
8		2.094	14.30	9.69	23.99	-22.01	46.00	Average
9		4.402	24.29	9.73	34.02	-21.98	56.00	QP
10		4.402	16.34	9.73	26.07	-19.93	46.00	Average
11		16.659	21.66	9.95	31.61	-28.39	60.00	QP
12		16.659	17.41	9.95	27.36	-22.64	50.00	Average

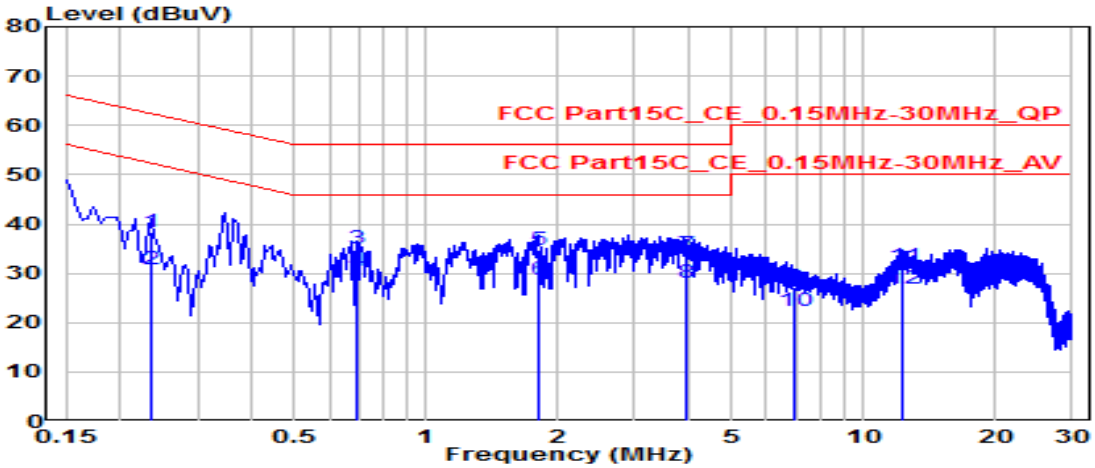
Note:

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

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

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

EUT	Rugged Tablet	Date of Test	2021-03-16
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	27°C /57%
Polarity	Neutral	Site / Test Engineer	SR2 / Tim
Test Mode	802.11n-20_TX_CH 6_ANT 0	Test Voltage	AC 240V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		0.235	28.65	9.62	38.27	-23.98	62.25	QP
2		0.235	21.02	9.62	30.64	-21.61	52.25	Average
3	*	0.694	25.25	9.65	34.90	-21.10	56.00	QP
4	*	0.694	20.73	9.65	30.38	-15.62	46.00	Average
5		1.810	25.14	9.69	34.82	-21.18	56.00	QP
6		1.810	19.03	9.69	28.72	-17.28	46.00	Average
7		3.961	24.07	9.73	33.80	-22.20	56.00	QP
8		3.961	18.30	9.73	28.03	-17.97	46.00	Average
9		6.962	17.42	9.80	27.23	-32.77	60.00	QP
10		6.962	12.58	9.80	22.39	-27.61	50.00	Average
11		12.330	21.52	9.93	31.44	-28.56	60.00	QP
12		12.330	16.80	9.93	26.73	-23.27	50.00	Average

Note:

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

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

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

8. CONCLUSION

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

The End