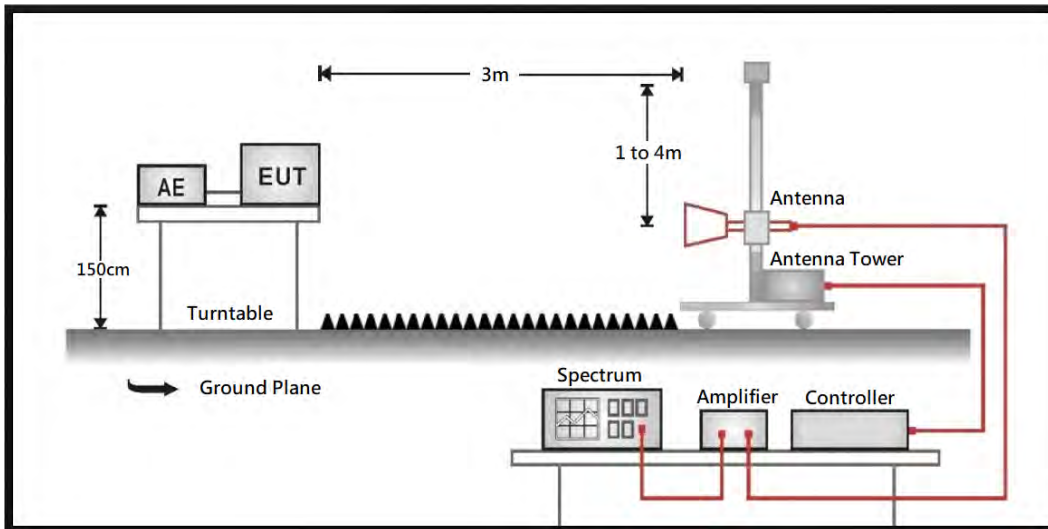


## 6. Radiated Emission Band Edge

### 6.1. Test Setup



### 6.2. Test Limit

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 30 dB below the level of the fundamental or to the general radiated emission limit in paragraph 15.209, whichever is the lesser attenuation.

Frequency (MHz)	Field strength (uV/m)	Field strength (dBuV/m)	Measurement distance (m)
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
Above 960	500	54	3

Remarks:

1. Field strength (dBuV/m) = 20 log Field strength (uV/m)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system

### **6.3. Test Procedure**

The EUT was setup according to ANSI C63.10: 2013 and tested according to FHSS test procedure of FCC KDB 558074 D01 v05r02 for compliance to FCC 47CFR 15.247 requirements.

The EUT and its simulators are placed on a turn table which is 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

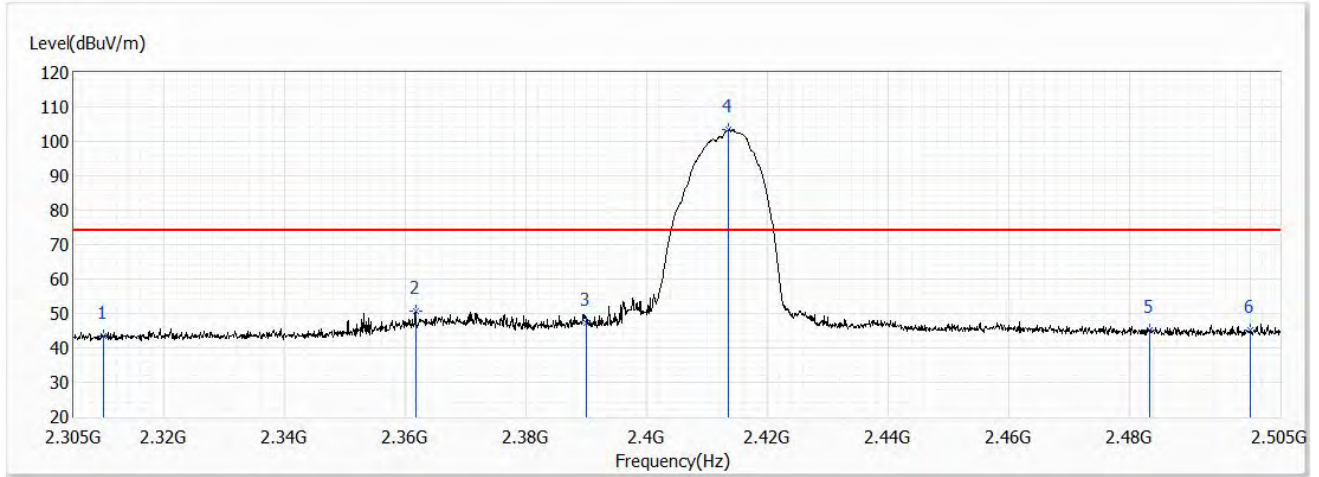
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

### **6.4. Test Specification**

According to FCC Part 15 Subpart C Paragraph 15.247.

### 6.5. Test Result of Radiated Emission Band Edge

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11b / Ant. 0 + Ant. 1 / 2412 MHz		

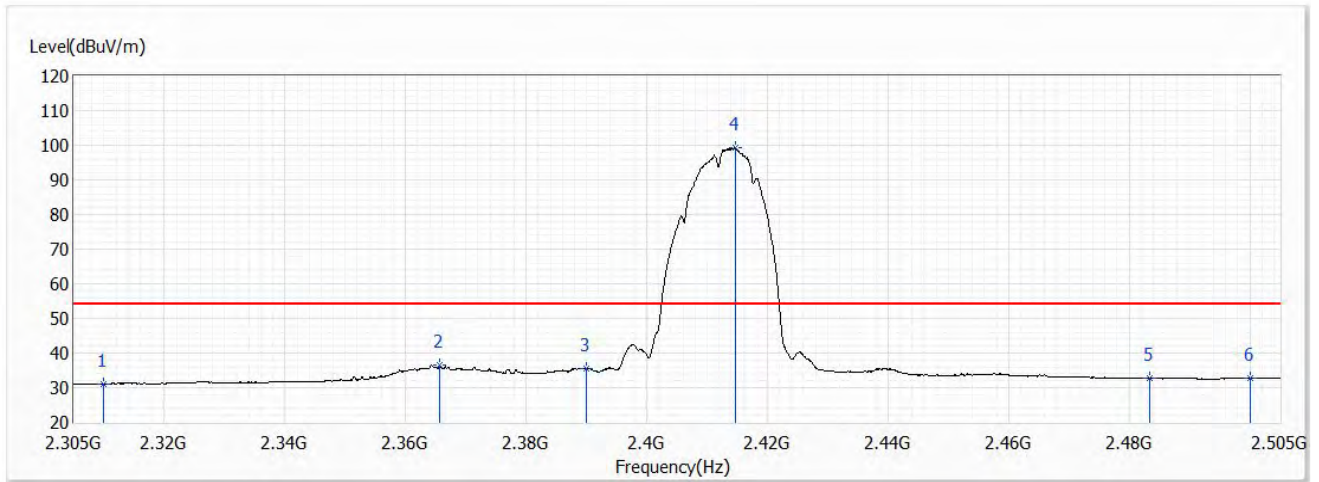


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	43.59	74.00	-30.41	30.63	12.96	PK
2	2361.700	50.65	74.00	-23.35	37.36	13.29	PK
3	2390.000	47.26	74.00	-26.74	33.79	13.47	PK
! 4	2413.600	103.31	74.00	29.31	89.69	13.62	PK
5	2483.500	45.12	74.00	-28.88	31.05	14.07	PK
6	2500.000	45.01	74.00	-28.99	30.83	14.18	PK

**Note:**

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11b / Ant. 0 + Ant. 1 / 2412 MHz		

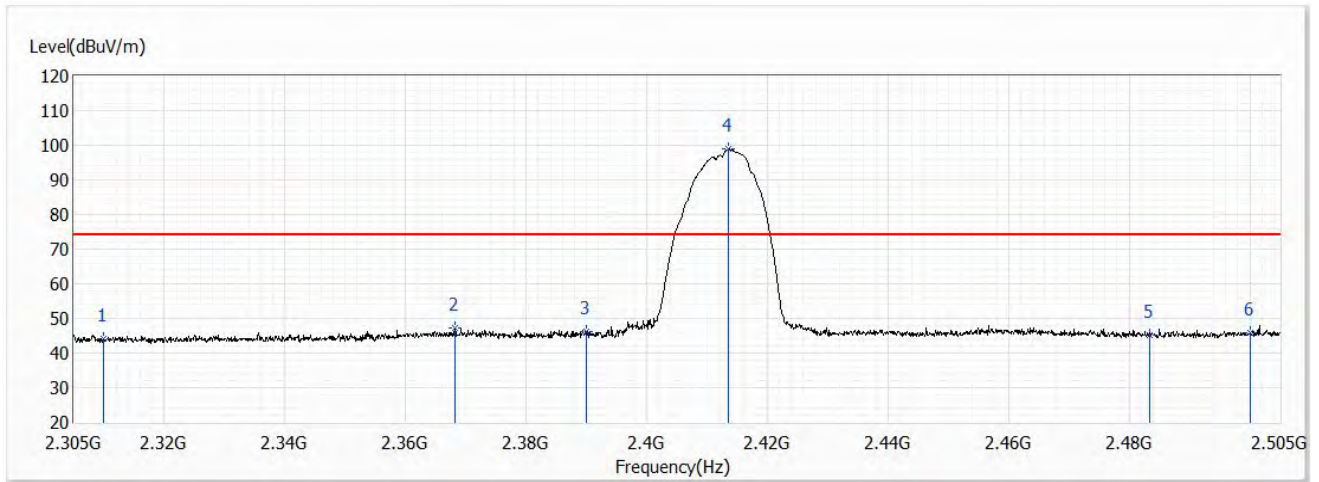


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	31.18	54.00	-22.82	18.22	12.96	AV
2	2365.600	36.50	54.00	-17.50	23.18	13.32	AV
3	2390.000	35.49	54.00	-18.51	22.02	13.47	AV
! 4	2414.700	99.30	54.00	45.30	85.67	13.63	AV
5	2483.500	32.69	54.00	-21.31	18.62	14.07	AV
6	2500.000	32.72	54.00	-21.28	18.54	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11b / Ant. 0 + Ant. 1 / 2412 MHz		

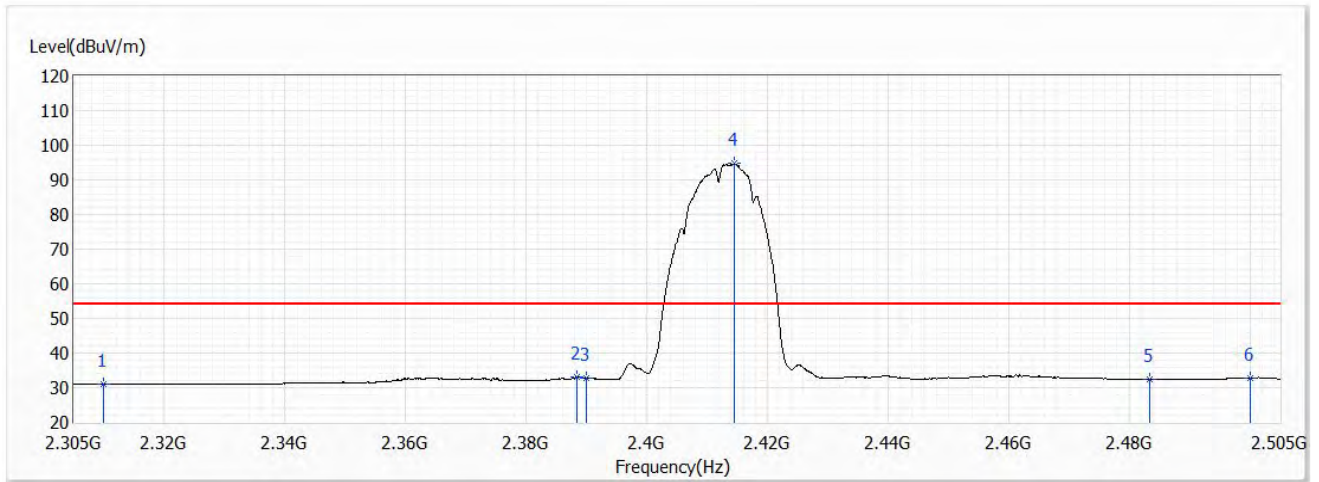


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	44.12	74.00	-29.88	31.16	12.96	PK
2	2368.200	47.16	74.00	-26.84	33.84	13.32	PK
3	2390.000	46.20	74.00	-27.80	32.73	13.47	PK
! 4	2413.600	98.83	74.00	24.83	85.21	13.62	PK
5	2483.500	45.02	74.00	-28.98	30.95	14.07	PK
6	2500.000	45.84	74.00	-28.16	31.66	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11b / Ant. 0 + Ant. 1 / 2412 MHz		

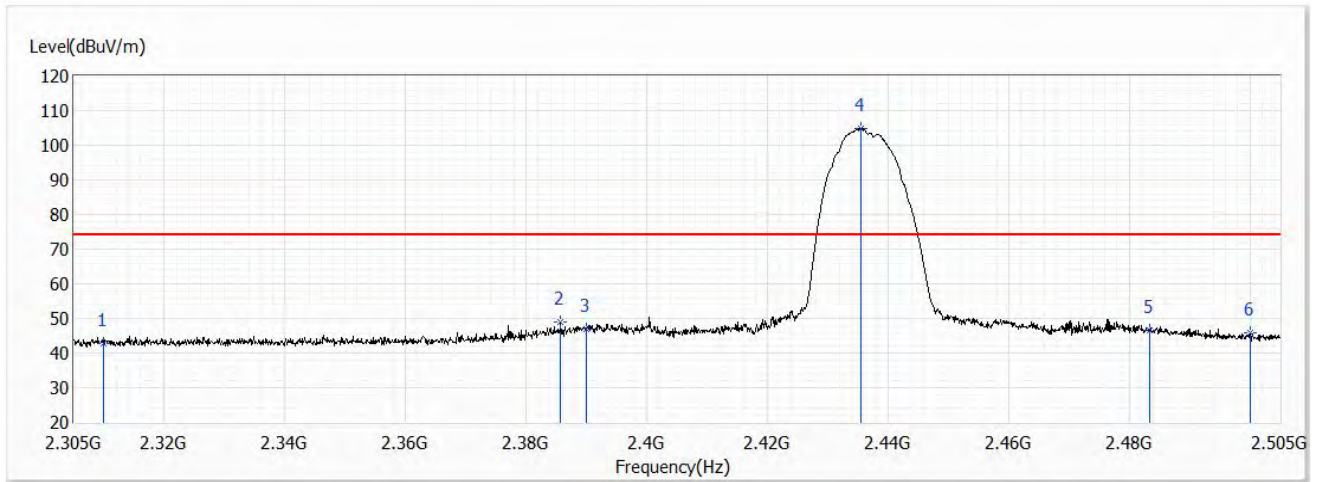


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	30.97	54.00	-23.03	18.01	12.96	AV
2	2388.400	33.01	54.00	-20.99	19.54	13.47	AV
3	2390.000	32.66	54.00	-21.34	19.19	13.47	AV
! 4	2414.600	94.79	54.00	40.79	81.16	13.63	AV
5	2483.500	32.46	54.00	-21.54	18.39	14.07	AV
6	2500.000	32.66	54.00	-21.34	18.48	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11b / Ant. 0 + Ant. 1 / 2437 MHz		

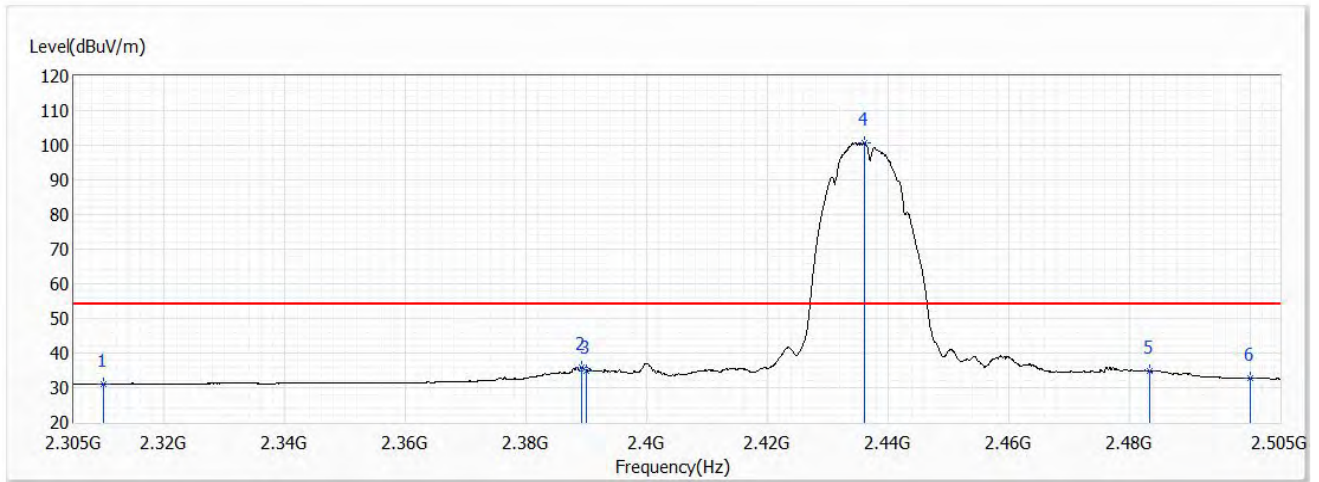


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	42.83	74.00	-31.17	29.87	12.96	PK
2	2385.700	48.84	74.00	-25.16	35.40	13.44	PK
3	2390.000	47.06	74.00	-26.94	33.59	13.47	PK
! 4	2435.500	104.87	74.00	30.87	91.11	13.76	PK
5	2483.500	46.63	74.00	-27.37	32.56	14.07	PK
6	2500.000	45.87	74.00	-28.13	31.69	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11b / Ant. 0 + Ant. 1 / 2437 MHz		



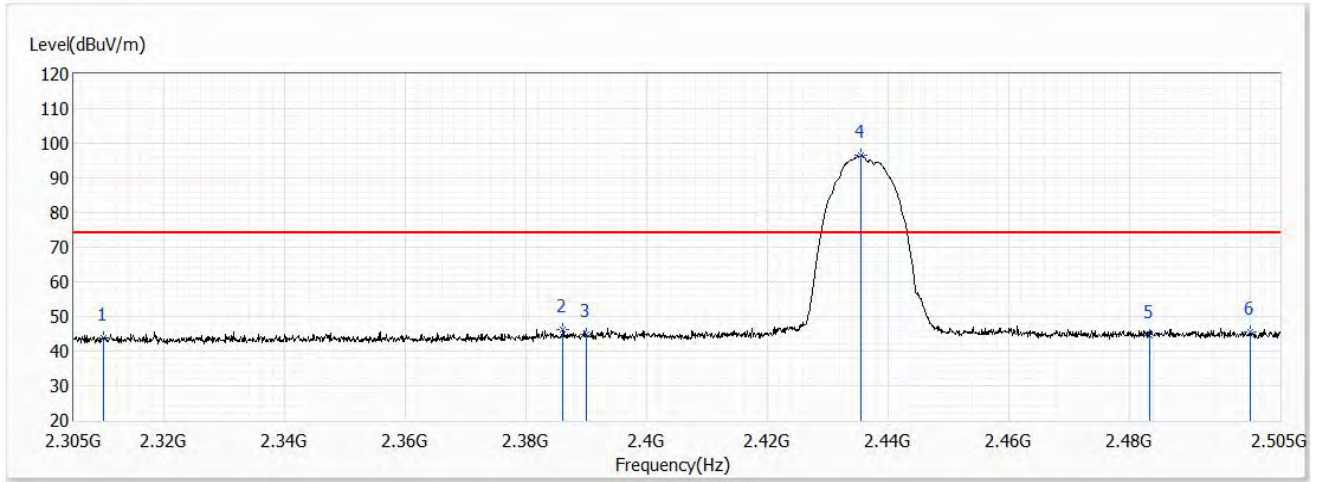
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	31.15	54.00	-22.85	18.19	12.96	AV
2	2389.200	35.85	54.00	-18.15	22.38	13.47	AV
3	2390.000	34.98	54.00	-19.02	21.51	13.47	AV
! 4	2436.200	100.68	54.00	46.68	86.90	13.78	AV
5	2483.500	34.84	54.00	-19.16	20.77	14.07	AV
6	2500.000	32.76	54.00	-21.24	18.58	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.



Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11b / Ant. 0 + Ant. 1 / 2437 MHz		

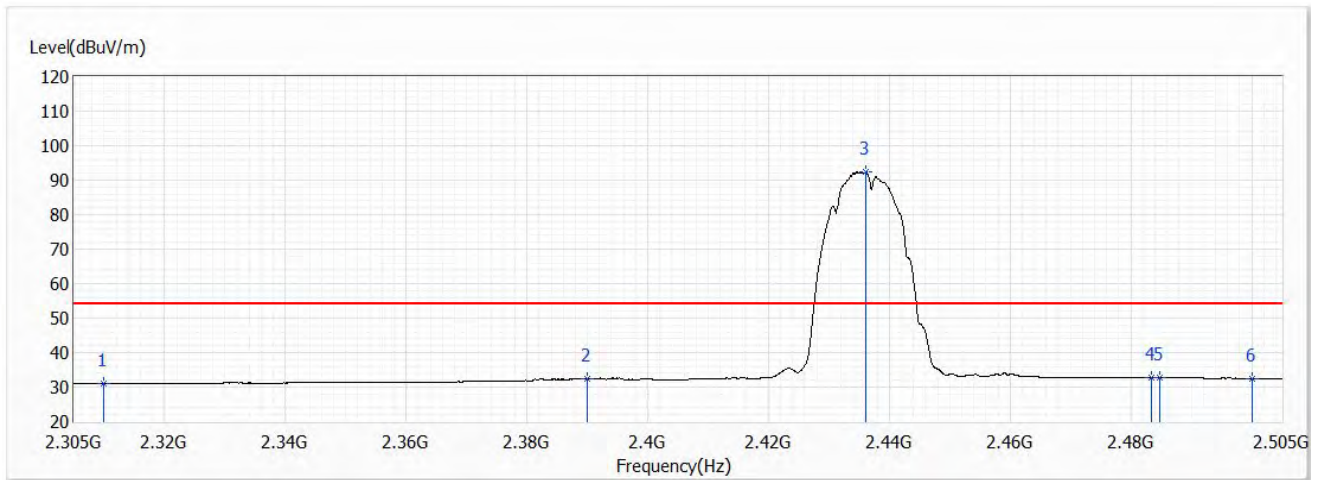


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	43.67	74.00	-30.33	30.71	12.96	PK
2	2386.100	46.18	74.00	-27.82	32.74	13.44	PK
3	2390.000	44.95	74.00	-29.05	31.48	13.47	PK
! 4	2435.500	96.43	74.00	22.43	82.67	13.76	PK
5	2483.500	44.39	74.00	-29.61	30.32	14.07	PK
6	2500.000	45.39	74.00	-28.61	31.21	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11b / Ant. 0 + Ant. 1 / 2437 MHz		

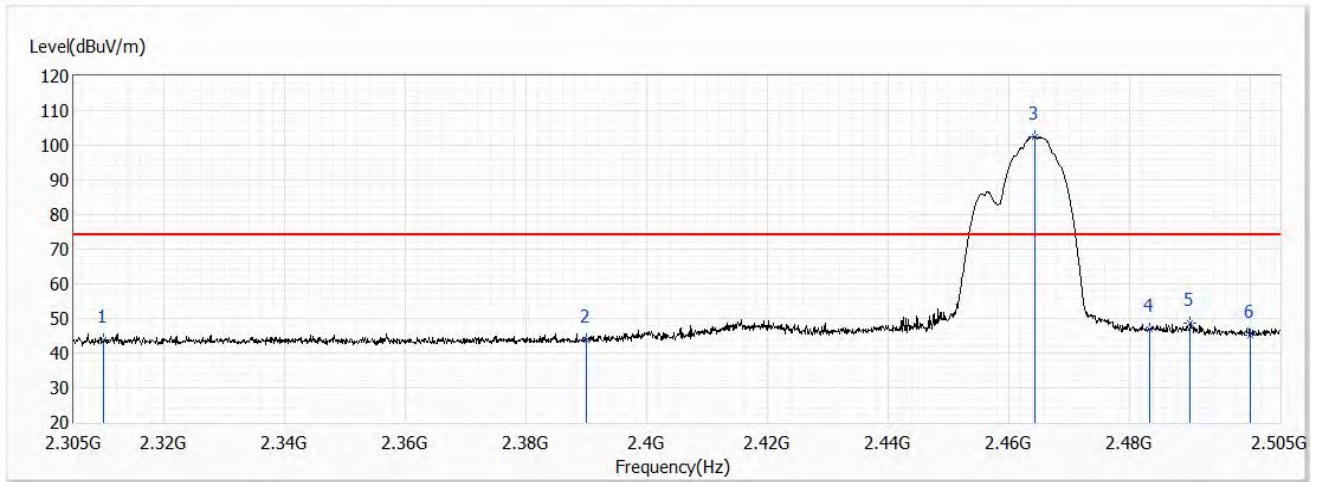


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	31.04	54.00	-22.96	18.08	12.96	AV
2	2390.000	32.40	54.00	-21.60	18.93	13.47	AV
! 3	2436.100	92.35	54.00	38.35	78.59	13.76	AV
4	2483.500	32.79	54.00	-21.21	18.72	14.07	AV
5	2484.700	32.74	54.00	-21.26	18.67	14.07	AV
6	2500.000	32.53	54.00	-21.47	18.35	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11b / Ant. 0 + Ant. 1 / 2462 MHz		

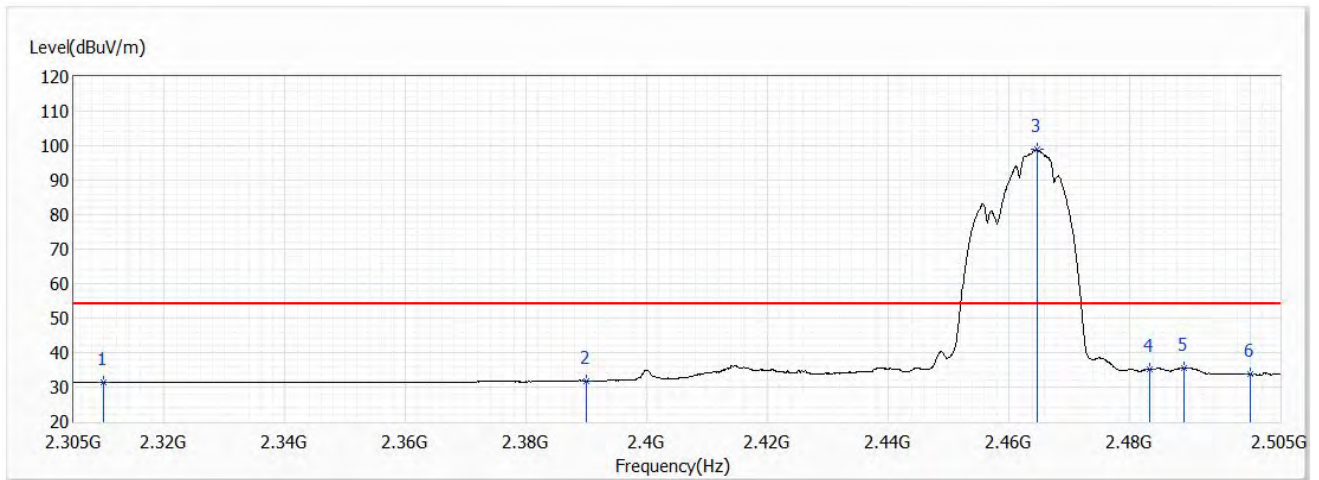


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	43.92	74.00	-30.08	30.96	12.96	PK
2	2390.000	43.69	74.00	-30.31	30.22	13.47	PK
! 3	2464.300	102.30	74.00	28.30	88.35	13.95	PK
4	2483.500	46.98	74.00	-27.02	32.91	14.07	PK
5	2490.100	48.62	74.00	-25.38	34.51	14.11	PK
6	2500.000	45.29	74.00	-28.71	31.11	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11b / Ant. 0 + Ant. 1 / 2462 MHz		

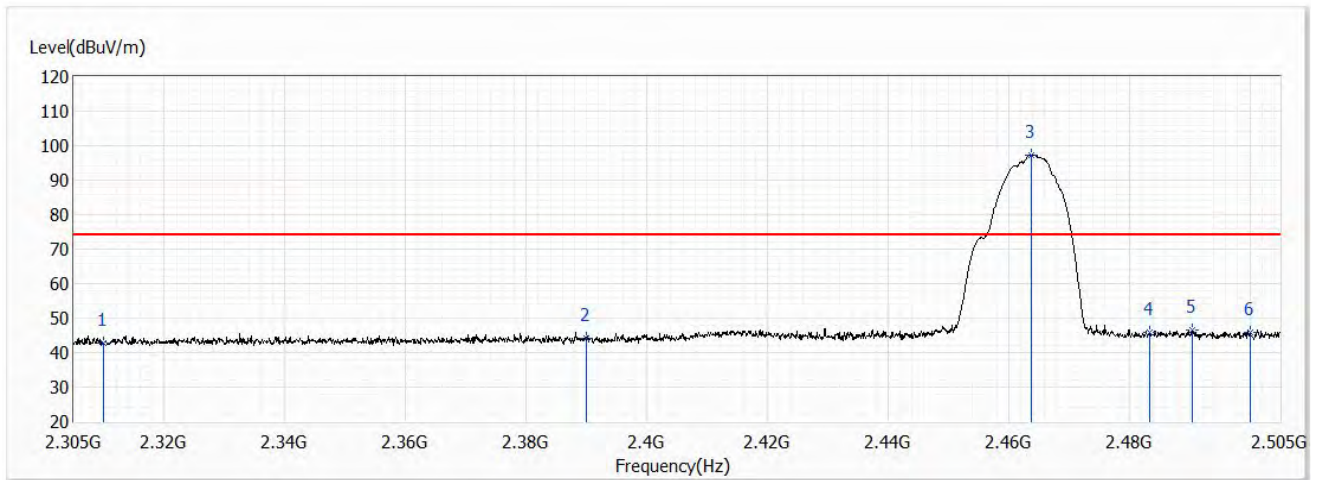


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	31.34	54.00	-22.66	18.38	12.96	AV
2	2390.000	31.88	54.00	-22.12	18.41	13.47	AV
! 3	2464.800	98.93	54.00	44.93	84.98	13.95	AV
4	2483.500	35.30	54.00	-18.70	21.23	14.07	AV
5	2489.100	35.53	54.00	-18.47	21.42	14.11	AV
6	2500.000	33.71	54.00	-20.29	19.53	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11b / Ant. 0 + Ant. 1 / 2462 MHz		

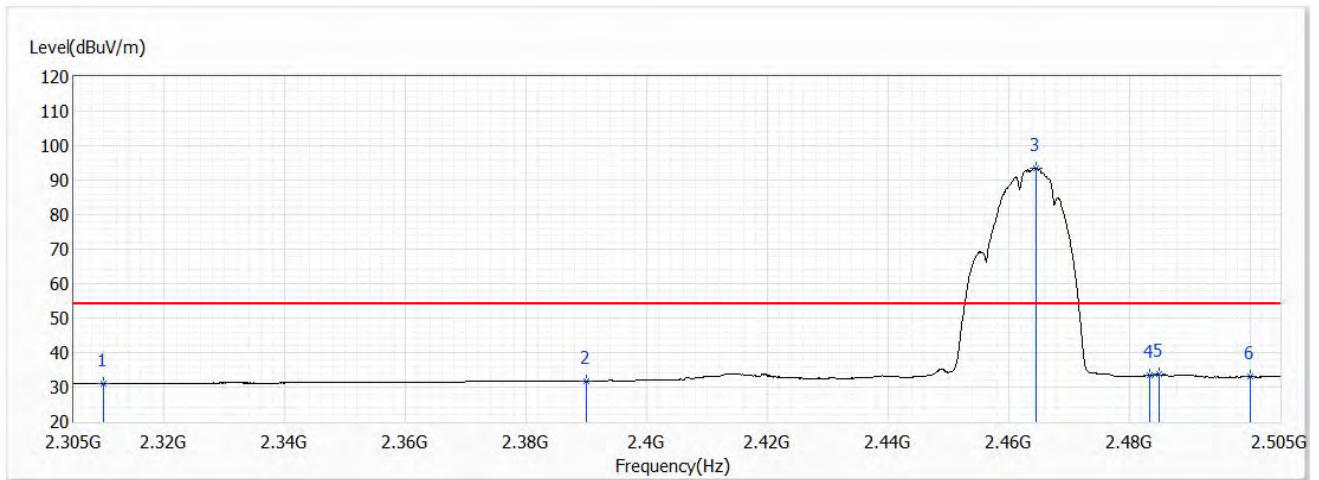


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	42.75	74.00	-31.25	29.79	12.96	PK
2	2390.000	44.09	74.00	-29.91	30.62	13.47	PK
! 3	2463.700	97.35	74.00	23.35	83.41	13.94	PK
4	2483.500	45.76	74.00	-28.24	31.69	14.07	PK
5	2490.500	46.60	74.00	-27.40	32.49	14.11	PK
6	2500.000	45.73	74.00	-28.27	31.55	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11b / Ant. 0 + Ant. 1 / 2462 MHz		

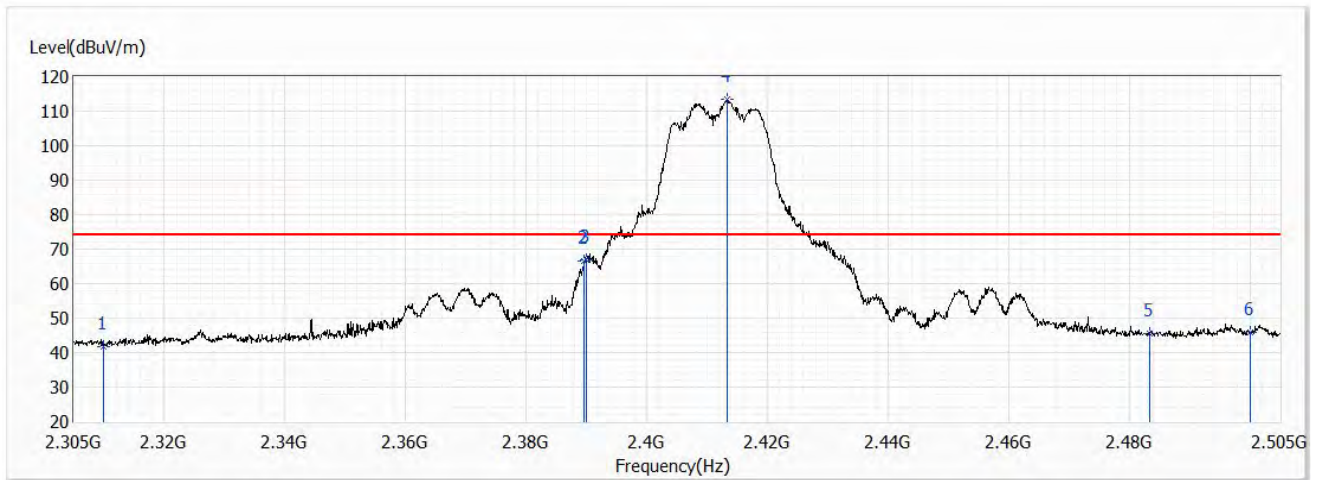


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	31.05	54.00	-22.95	18.09	12.96	AV
2	2390.000	31.78	54.00	-22.22	18.31	13.47	AV
! 3	2464.500	93.51	54.00	39.51	79.56	13.95	AV
4	2483.500	33.42	54.00	-20.58	19.35	14.07	AV
5	2484.900	33.71	54.00	-20.29	19.64	14.07	AV
6	2500.000	32.97	54.00	-21.03	18.79	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11g / Ant. 0 + Ant. 1 / 2412 MHz		

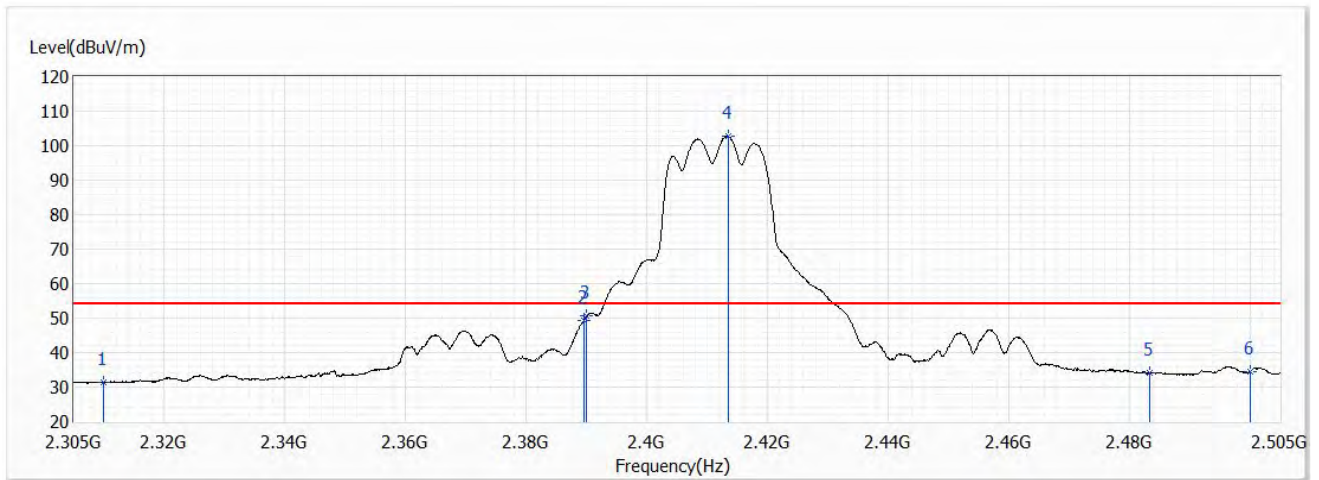


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	41.68	74.00	-32.32	28.72	12.96	PK
2	2389.600	66.66	74.00	-7.34	53.19	13.47	PK
3	2390.000	66.77	74.00	-7.23	53.30	13.47	PK
! 4	2413.300	113.30	74.00	39.30	99.68	13.62	PK
5	2483.500	45.65	74.00	-28.35	31.58	14.07	PK
6	2500.000	45.97	74.00	-28.03	31.79	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11g / Ant. 0 + Ant. 1 / 2412 MHz		



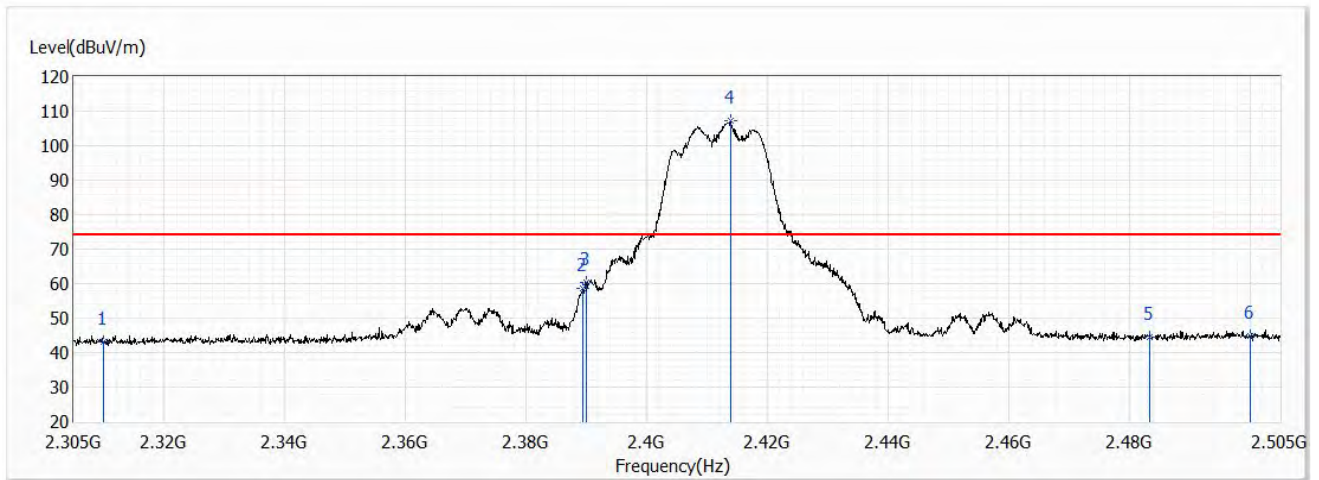
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	31.51	54.00	-22.49	18.55	12.96	AV
2	2389.500	49.46	54.00	-4.54	35.99	13.47	AV
3	2390.000	50.58	54.00	-3.42	37.11	13.47	AV
! 4	2413.600	102.68	54.00	48.68	89.06	13.62	AV
5	2483.500	33.99	54.00	-20.01	19.92	14.07	AV
6	2500.000	34.50	54.00	-19.50	20.32	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.



Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11g / Ant. 0 + Ant. 1 / 2412 MHz		

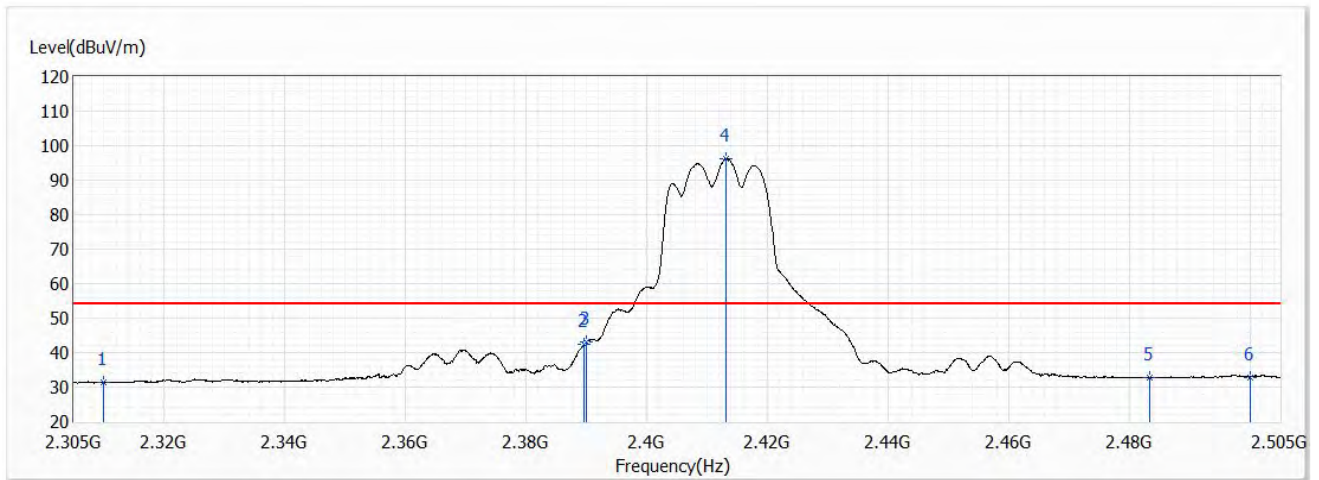


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	43.14	74.00	-30.86	30.18	12.96	PK
2	2389.400	58.63	74.00	-15.37	45.16	13.47	PK
3	2390.000	60.30	74.00	-13.70	46.83	13.47	PK
! 4	2413.900	107.11	74.00	33.11	93.48	13.63	PK
5	2483.500	44.46	74.00	-29.54	30.39	14.07	PK
6	2500.000	44.66	74.00	-29.34	30.48	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11g / Ant. 0 + Ant. 1 / 2412 MHz		

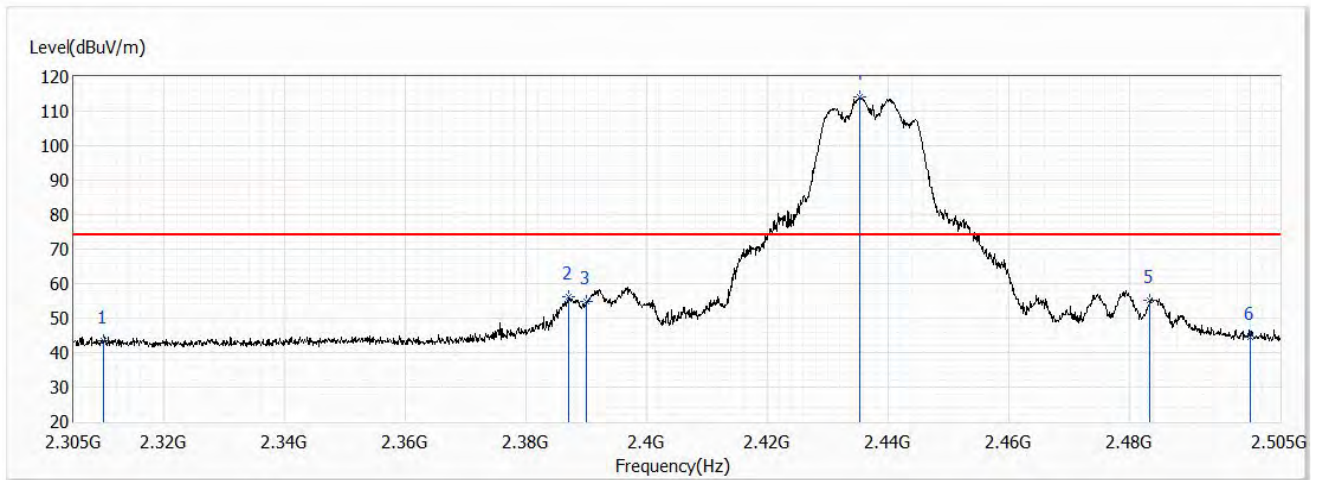


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	31.38	54.00	-22.62	18.42	12.96	AV
2	2389.600	42.36	54.00	-11.64	28.89	13.47	AV
3	2390.000	43.12	54.00	-10.88	29.65	13.47	AV
! 4	2413.200	96.32	54.00	42.32	82.70	13.62	AV
5	2483.500	32.65	54.00	-21.35	18.58	14.07	AV
6	2500.000	32.86	54.00	-21.14	18.68	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11g / Ant. 0 + Ant. 1 / 2437 MHz		

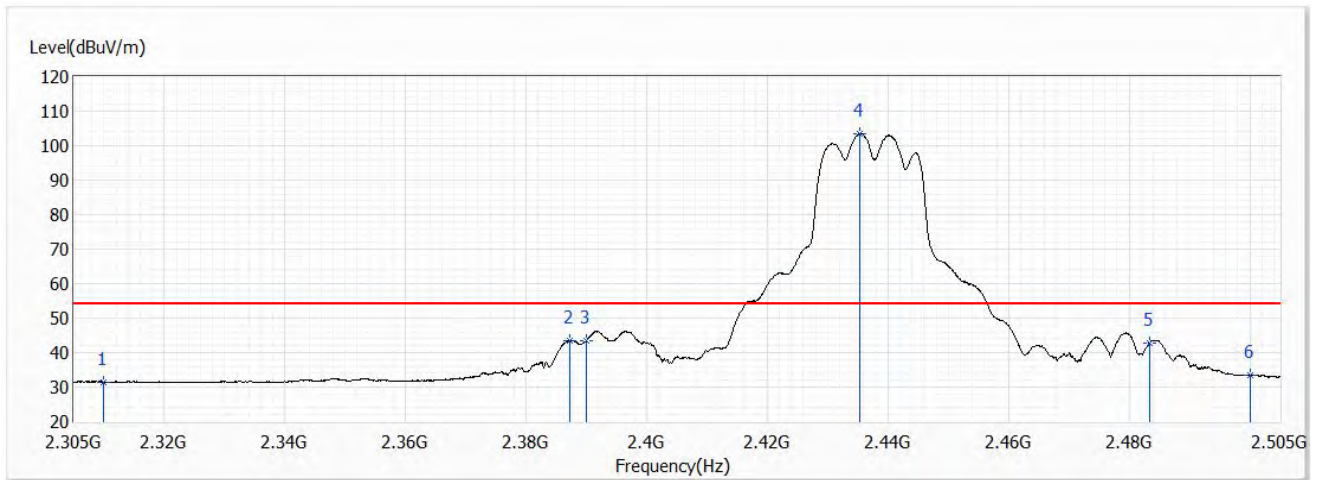


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	43.33	74.00	-30.67	30.37	12.96	PK
2	2387.100	56.22	74.00	-17.78	42.76	13.46	PK
3	2390.000	54.69	74.00	-19.31	41.22	13.47	PK
! 4	2435.400	114.07	74.00	40.07	100.31	13.76	PK
5	2483.500	55.30	74.00	-18.70	41.23	14.07	PK
6	2500.000	44.36	74.00	-29.64	30.18	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11g / Ant. 0 + Ant. 1 / 2437 MHz		

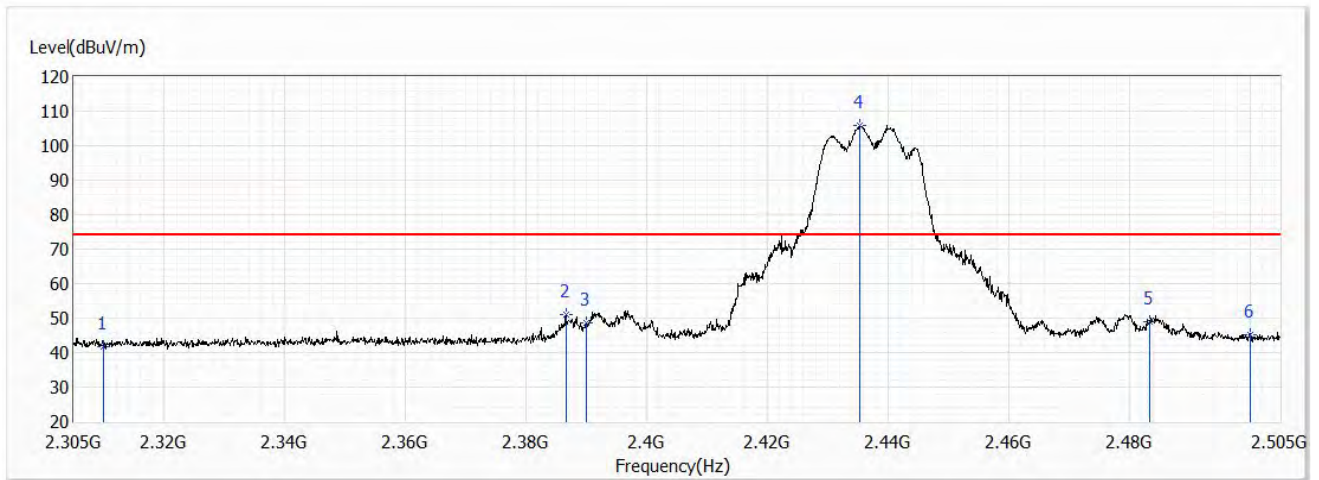


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	31.52	54.00	-22.48	18.56	12.96	AV
2	2387.200	43.57	54.00	-10.43	30.11	13.46	AV
3	2390.000	43.52	54.00	-10.48	30.05	13.47	AV
! 4	2435.400	103.55	54.00	49.55	89.79	13.76	AV
5	2483.500	42.85	54.00	-11.15	28.78	14.07	AV
6	2500.000	33.41	54.00	-20.59	19.23	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11g / Ant. 0 + Ant. 1 / 2437 MHz		

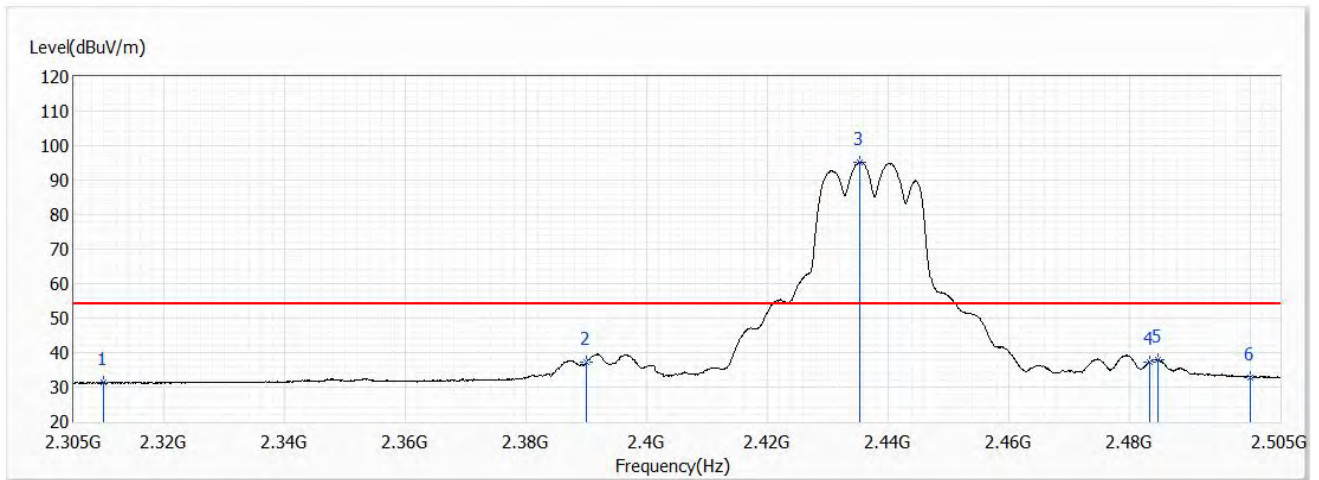


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	41.79	74.00	-32.21	28.83	12.96	PK
2	2386.600	51.20	74.00	-22.80	37.75	13.45	PK
3	2390.000	48.47	74.00	-25.53	35.00	13.47	PK
! 4	2435.400	105.83	74.00	31.83	92.07	13.76	PK
5	2483.500	48.97	74.00	-25.03	34.90	14.07	PK
6	2500.000	45.16	74.00	-28.84	30.98	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11g / Ant. 0 + Ant. 1 / 2437 MHz		

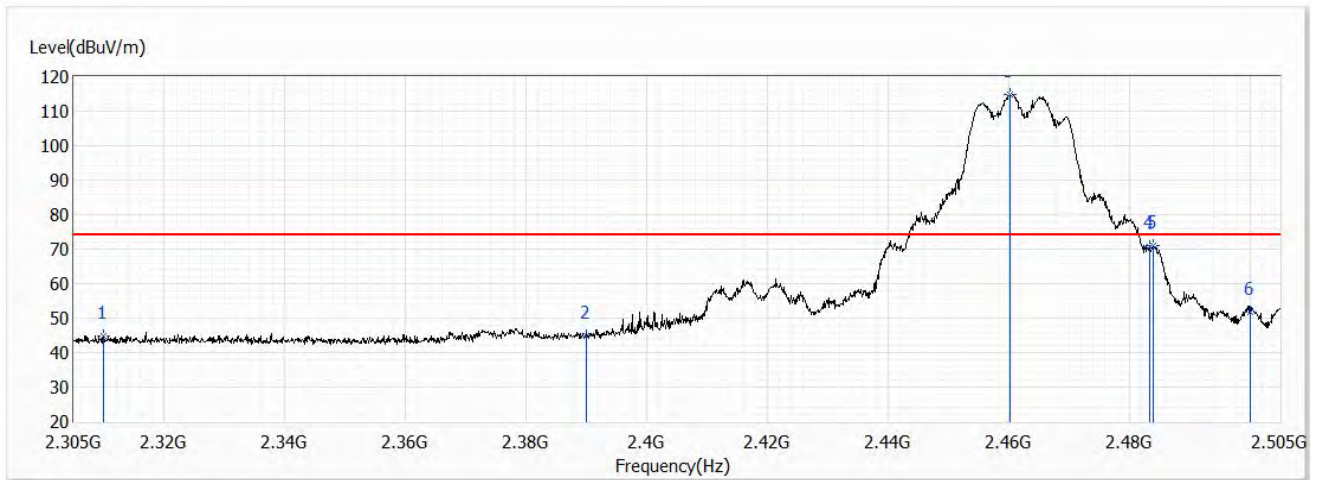


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	31.25	54.00	-22.75	18.29	12.96	AV
2	2390.000	37.32	54.00	-16.68	23.85	13.47	AV
! 3	2435.300	95.31	54.00	41.31	81.55	13.76	AV
4	2483.500	37.40	54.00	-16.60	23.33	14.07	AV
5	2484.700	38.06	54.00	-15.94	23.99	14.07	AV
6	2500.000	32.92	54.00	-21.08	18.74	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11g / Ant. 0 + Ant. 1 / 2462 MHz		

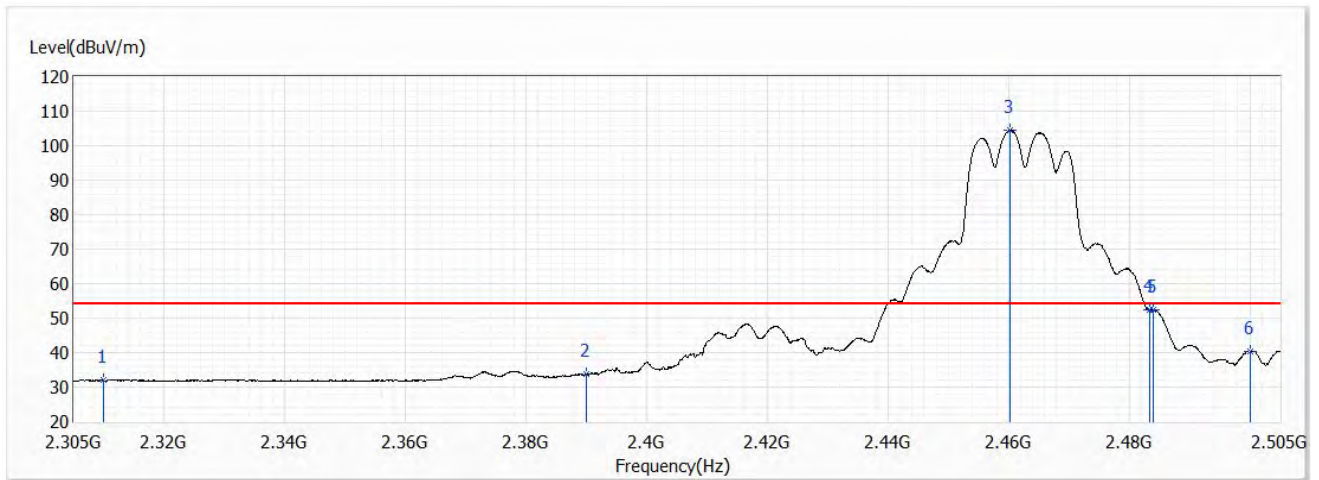


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	44.70	74.00	-29.30	31.74	12.96	PK
2	2390.000	44.87	74.00	-29.13	31.40	13.47	PK
! 3	2460.300	114.90	74.00	40.90	100.98	13.92	PK
4	2483.500	70.79	74.00	-3.21	56.72	14.07	PK
5	2484.000	70.95	74.00	-3.05	56.88	14.07	PK
6	2500.000	51.86	74.00	-22.14	37.68	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11g / Ant. 0 + Ant. 1 / 2462 MHz		



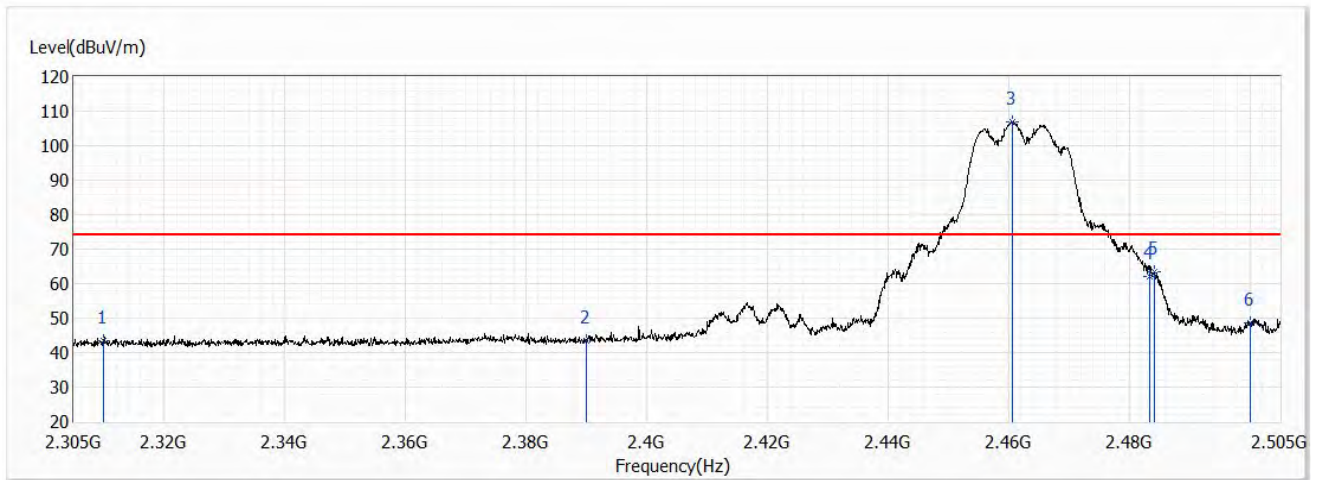
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	32.00	54.00	-22.00	19.04	12.96	AV
2	2390.000	33.85	54.00	-20.15	20.38	13.47	AV
! 3	2460.200	104.55	54.00	50.55	90.63	13.92	AV
4	2483.500	52.45	54.00	-1.55	38.38	14.07	AV
5	2484.000	52.42	54.00	-1.58	38.35	14.07	AV
6	2500.000	40.48	54.00	-13.52	26.30	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.



Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11g / Ant. 0 + Ant. 1 / 2462 MHz		

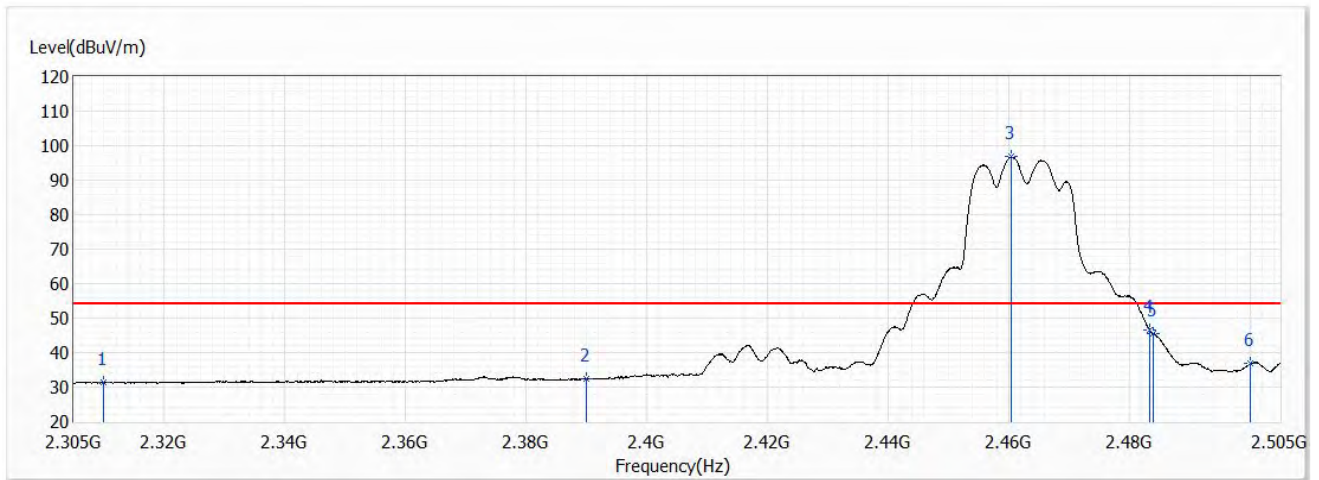


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	43.39	74.00	-30.61	30.43	12.96	PK
2	2390.000	43.32	74.00	-30.68	29.85	13.47	PK
! 3	2460.700	106.98	74.00	32.98	93.06	13.92	PK
4	2483.500	62.20	74.00	-11.80	48.13	14.07	PK
5	2484.200	63.47	74.00	-10.53	49.40	14.07	PK
6	2500.000	48.47	74.00	-25.53	34.29	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11g / Ant. 0 + Ant. 1 / 2462 MHz		

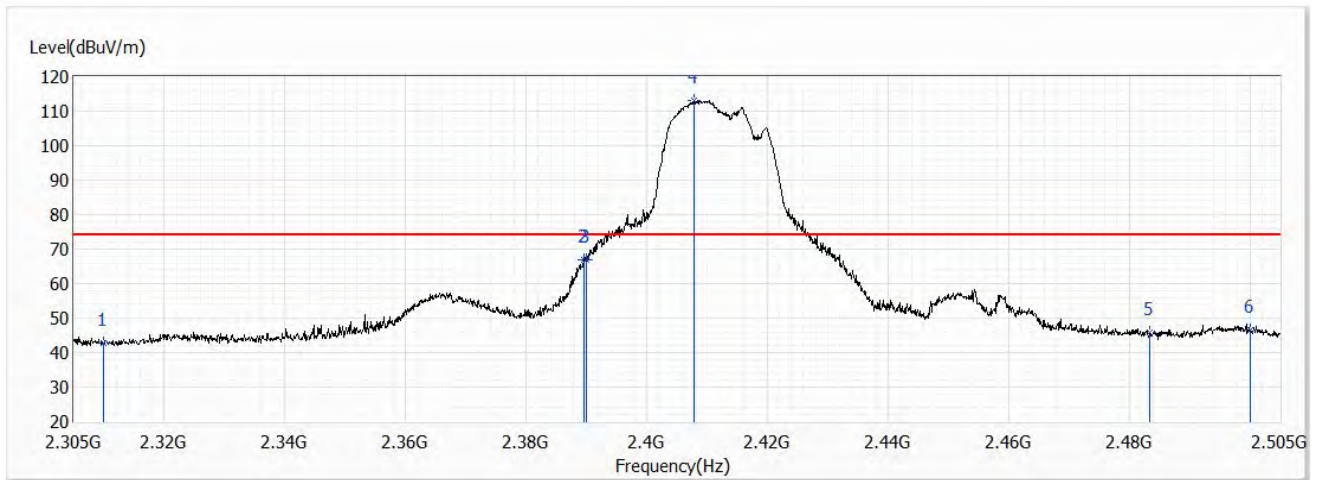


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	31.23	54.00	-22.77	18.27	12.96	AV
2	2390.000	32.32	54.00	-21.68	18.85	13.47	AV
! 3	2460.400	96.74	54.00	42.74	82.82	13.92	AV
4	2483.500	46.40	54.00	-7.60	32.33	14.07	AV
5	2484.000	45.65	54.00	-8.35	31.58	14.07	AV
6	2500.000	36.76	54.00	-17.24	22.58	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11n (20 MHz) / Ant. 0 + Ant. 1 / 2412 MHz		

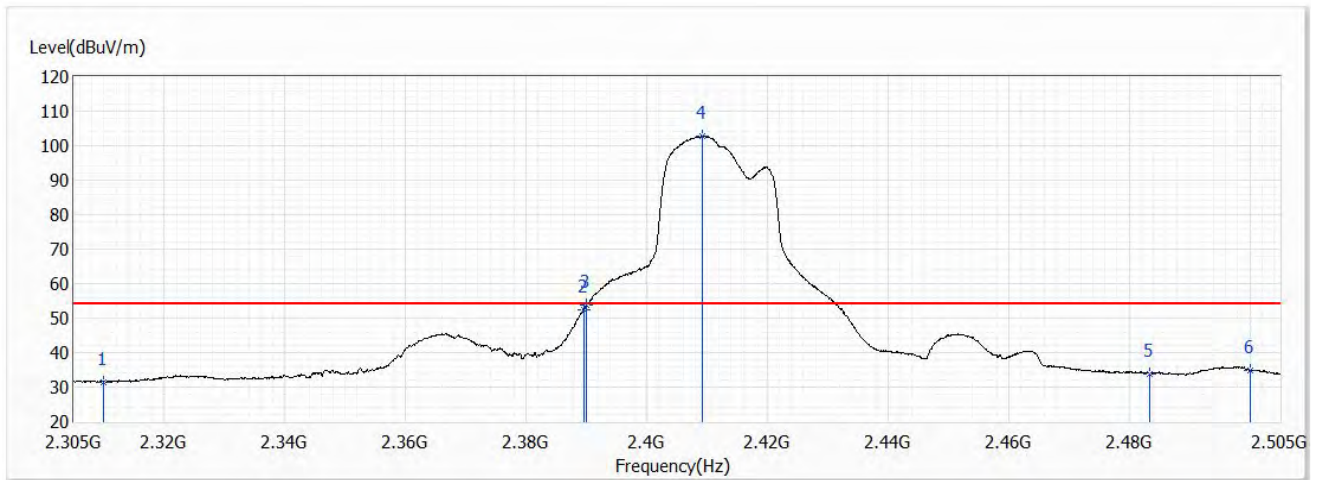


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	42.71	74.00	-31.29	29.75	12.96	PK
2	2389.600	66.82	74.00	-7.18	53.35	13.47	PK
3	2390.000	66.87	74.00	-7.13	53.40	13.47	PK
! 4	2407.800	113.13	74.00	39.13	99.55	13.58	PK
5	2483.500	45.86	74.00	-28.14	31.79	14.07	PK
6	2500.000	46.43	74.00	-27.57	32.25	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11n (20 MHz) / Ant. 0 + Ant. 1 / 2412 MHz		

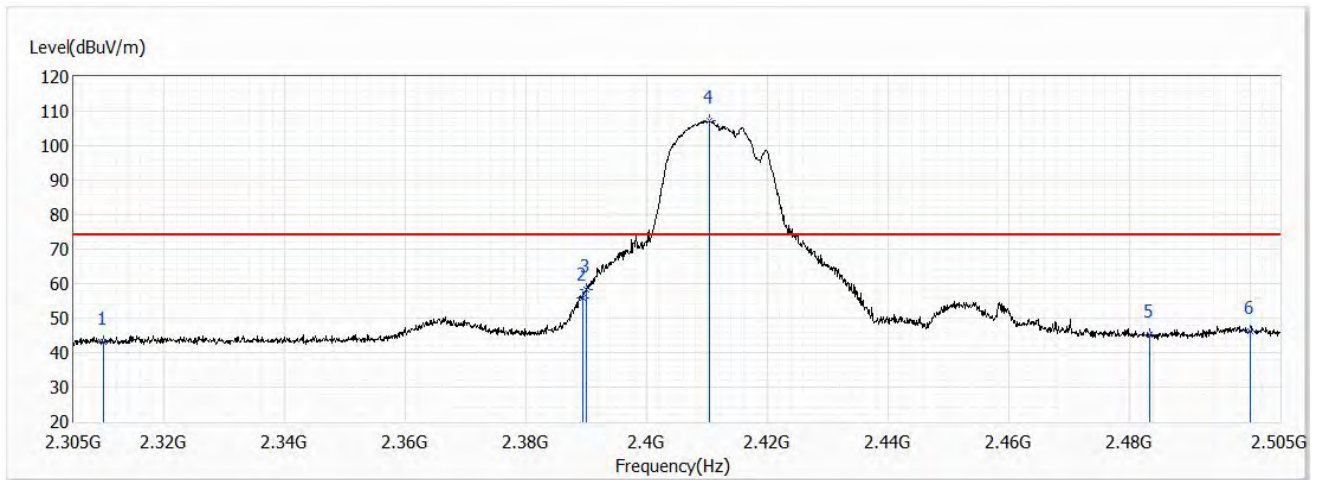


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	31.49	54.00	-22.51	18.53	12.96	AV
2	2389.500	52.46	54.00	-1.54	38.99	13.47	AV
3	2390.000	53.78	54.00	-0.22	40.31	13.47	AV
! 4	2409.300	102.82	54.00	48.82	89.22	13.60	AV
5	2483.500	33.95	54.00	-20.05	19.88	14.07	AV
6	2500.000	34.76	54.00	-19.24	20.58	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11n (20 MHz) / Ant. 0 + Ant. 1 / 2412 MHz		

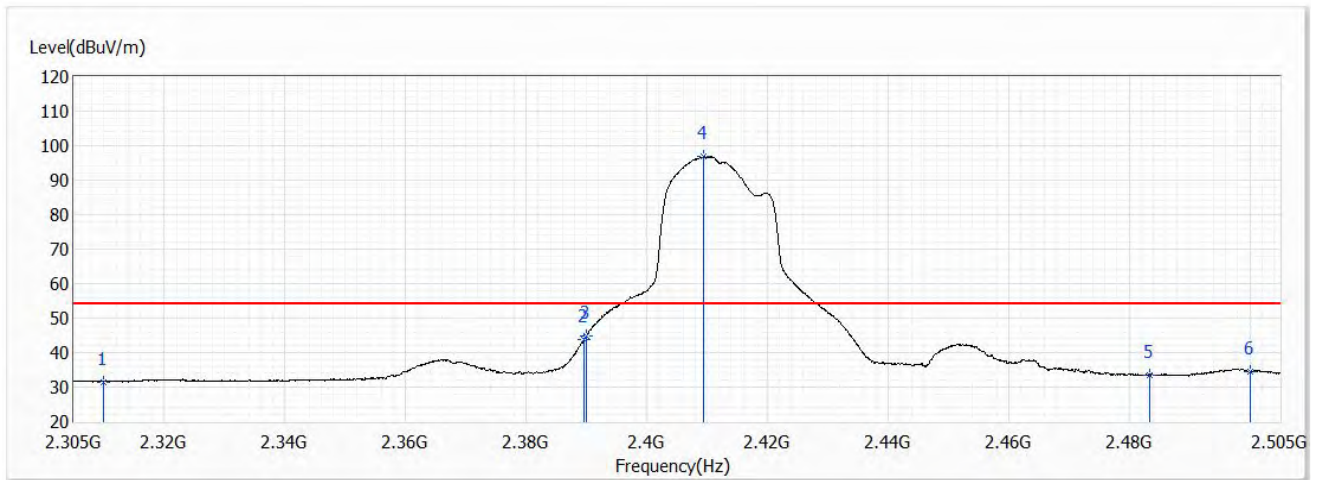


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	43.06	74.00	-30.94	30.10	12.96	PK
2	2389.400	55.89	74.00	-18.11	42.42	13.47	PK
3	2390.000	58.22	74.00	-15.78	44.75	13.47	PK
! 4	2410.400	107.19	74.00	33.19	93.59	13.60	PK
5	2483.500	45.06	74.00	-28.94	30.99	14.07	PK
6	2500.000	46.20	74.00	-27.80	32.02	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11n (20 MHz) / Ant. 0 + Ant. 1 / 2412 MHz		

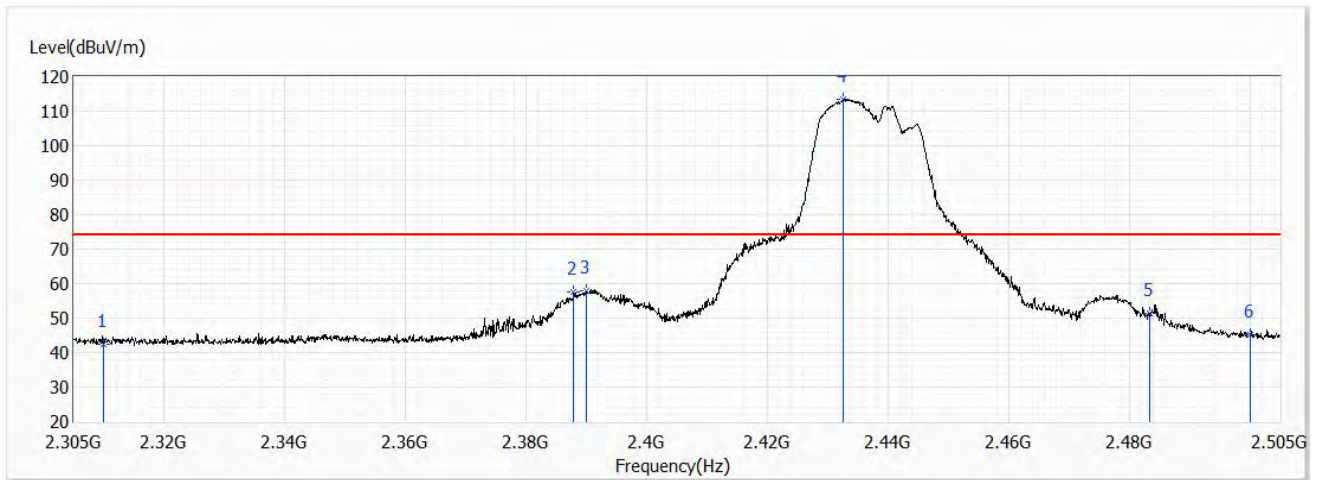


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	31.49	54.00	-22.51	18.53	12.96	AV
2	2389.600	43.70	54.00	-10.30	30.23	13.47	AV
3	2390.000	44.86	54.00	-9.14	31.39	13.47	AV
! 4	2409.500	96.83	54.00	42.83	83.23	13.60	AV
5	2483.500	33.54	54.00	-20.46	19.47	14.07	AV
6	2500.000	34.54	54.00	-19.46	20.36	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11n (20 MHz) / Ant. 0 + Ant. 1 / 2437 MHz		

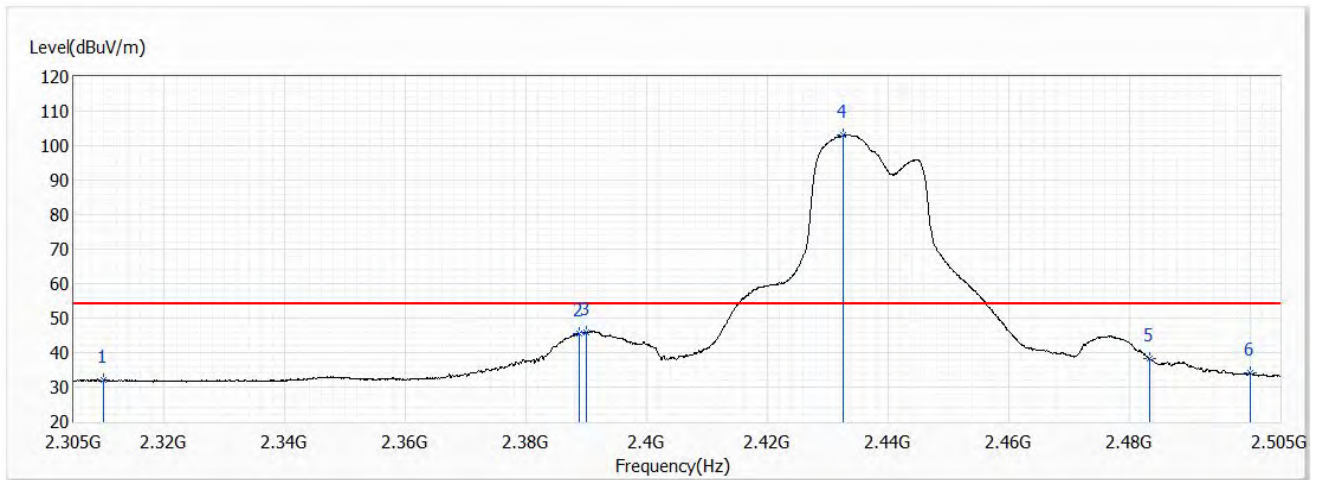


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	42.37	74.00	-31.63	29.41	12.96	PK
2	2387.900	57.44	74.00	-16.56	43.98	13.46	PK
3	2390.000	57.88	74.00	-16.12	44.41	13.47	PK
! 4	2432.600	113.39	74.00	39.39	99.64	13.75	PK
5	2483.500	51.36	74.00	-22.64	37.29	14.07	PK
6	2500.000	45.27	74.00	-28.73	31.09	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11n (20 MHz) / Ant. 0 + Ant. 1 / 2437 MHz		



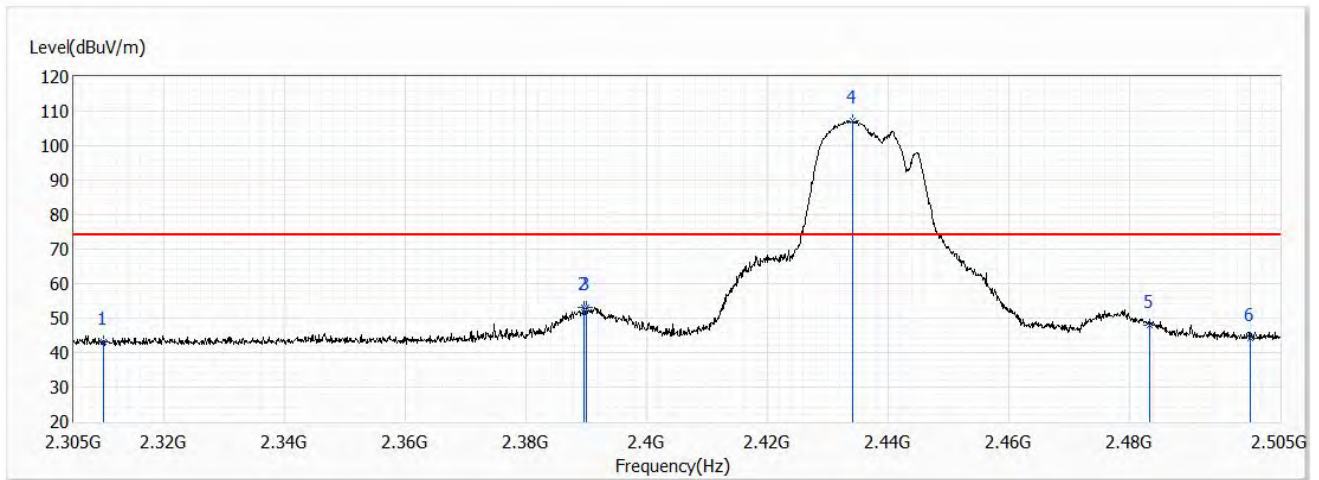
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	31.90	54.00	-22.10	18.94	12.96	AV
2	2388.800	45.63	54.00	-8.37	32.16	13.47	AV
3	2390.000	46.00	54.00	-8.00	32.53	13.47	AV
! 4	2432.600	103.09	54.00	49.09	89.34	13.75	AV
5	2483.500	38.16	54.00	-15.84	24.09	14.07	AV
6	2500.000	34.03	54.00	-19.97	19.85	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.



Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11n (20 MHz) / Ant. 0 + Ant. 1 / 2437 MHz		

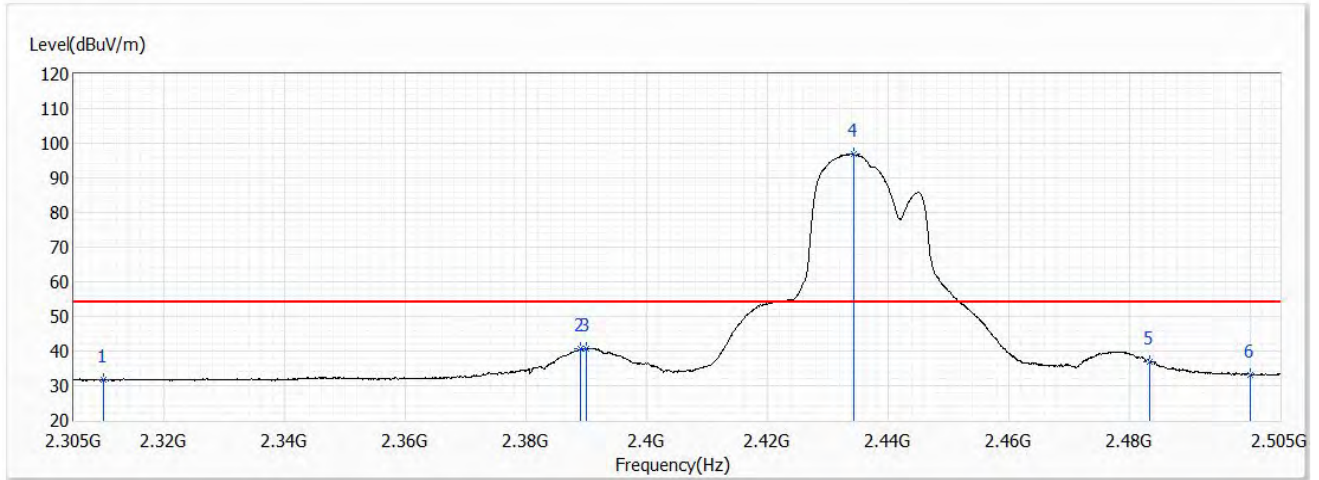


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	43.23	74.00	-30.77	30.27	12.96	PK
2	2389.500	53.05	74.00	-20.95	39.58	13.47	PK
3	2390.000	53.04	74.00	-20.96	39.57	13.47	PK
! 4	2434.200	107.41	74.00	33.41	93.66	13.75	PK
5	2483.500	48.07	74.00	-25.93	34.00	14.07	PK
6	2500.000	44.31	74.00	-29.69	30.13	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11n (20 MHz) / Ant. 0 + Ant. 1 / 2437 MHz		

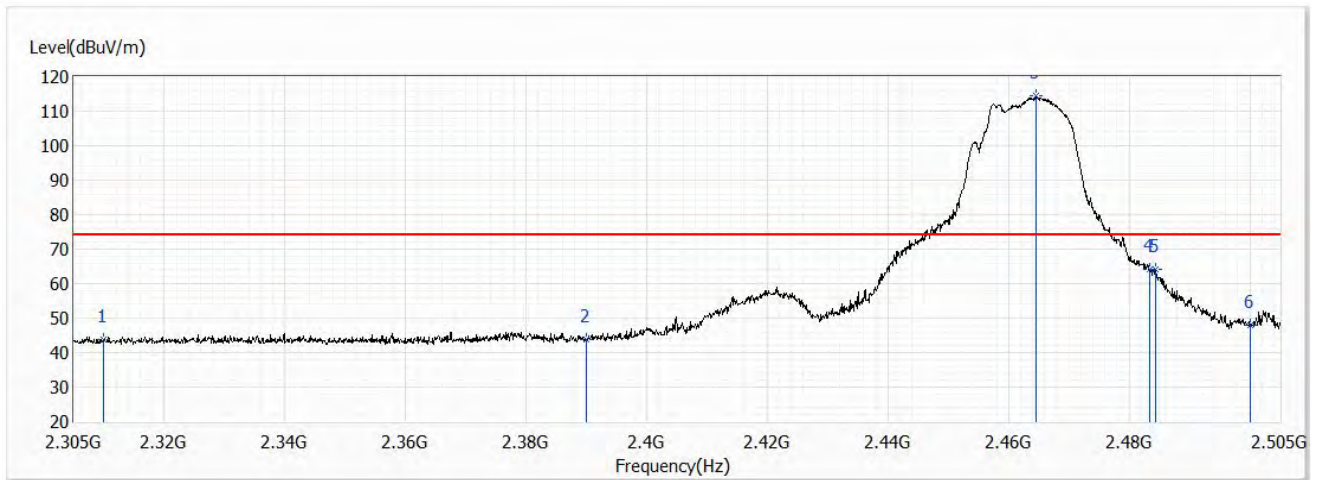


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	31.67	54.00	-22.33	18.71	12.96	AV
2	2389.100	40.54	54.00	-13.46	27.07	13.47	AV
3	2390.000	40.56	54.00	-13.44	27.09	13.47	AV
! 4	2434.300	96.88	54.00	42.88	83.13	13.75	AV
5	2483.500	36.90	54.00	-17.10	22.83	14.07	AV
6	2500.000	33.25	54.00	-20.75	19.07	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11n (20 MHz) / Ant. 0 + Ant. 1 / 2462 MHz		

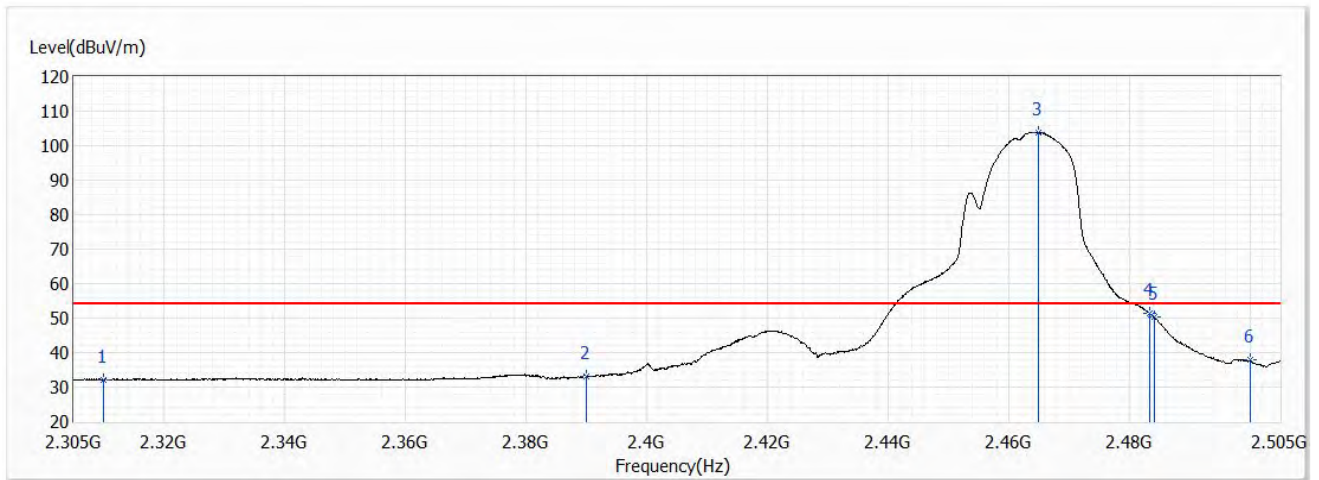


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	43.66	74.00	-30.34	30.70	12.96	PK
2	2390.000	43.84	74.00	-30.16	30.37	13.47	PK
! 3	2464.600	114.39	74.00	40.39	100.44	13.95	PK
4	2483.500	64.09	74.00	-9.91	50.02	14.07	PK
5	2484.300	63.99	74.00	-10.01	49.92	14.07	PK
6	2500.000	47.91	74.00	-26.09	33.73	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11n (20 MHz) / Ant. 0 + Ant. 1 / 2462 MHz		

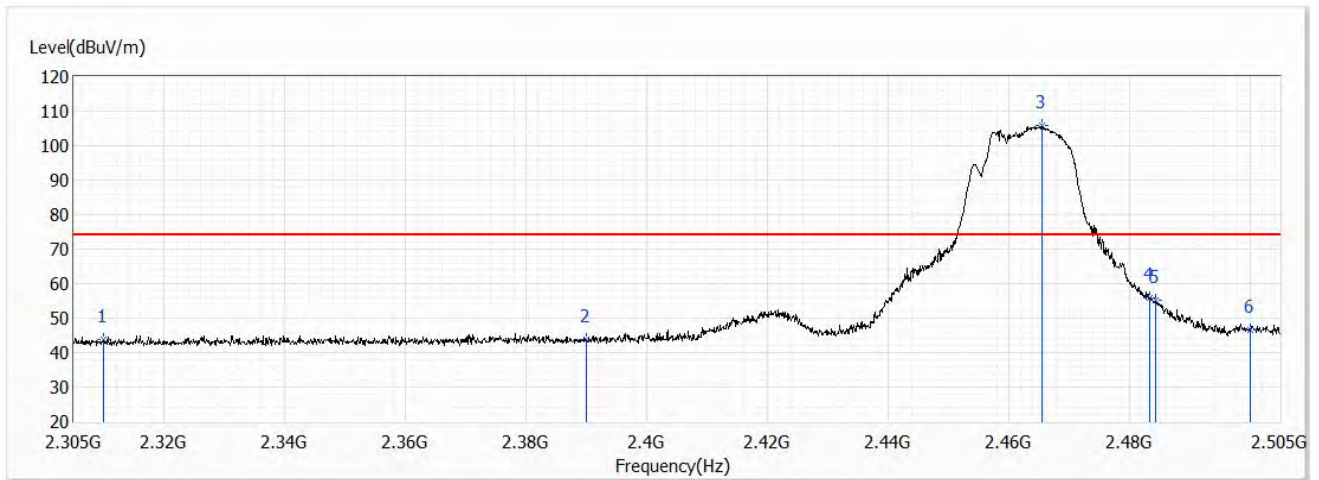


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	32.21	54.00	-21.79	19.25	12.96	AV
2	2390.000	32.95	54.00	-21.05	19.48	13.47	AV
! 3	2464.900	103.96	54.00	49.96	90.01	13.95	AV
4	2483.500	51.32	54.00	-2.68	37.25	14.07	AV
5	2484.100	50.22	54.00	-3.78	36.15	14.07	AV
6	2500.000	37.76	54.00	-16.24	23.58	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11n (20 MHz) / Ant. 0 + Ant. 1 / 2462 MHz		

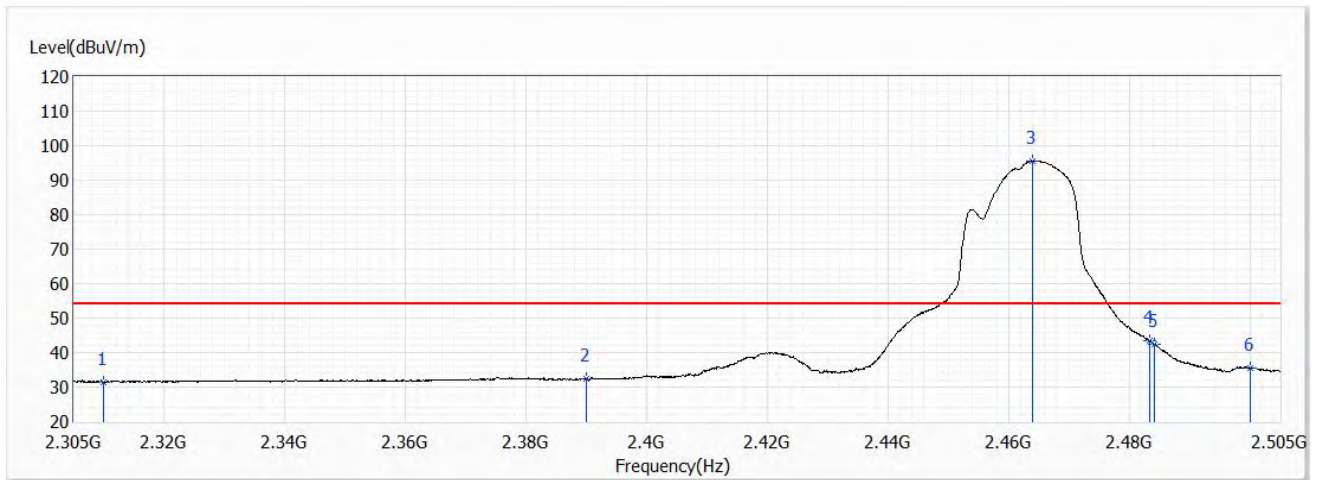


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	43.91	74.00	-30.09	30.95	12.96	PK
2	2390.000	43.89	74.00	-30.11	30.42	13.47	PK
! 3	2465.500	105.69	74.00	31.69	91.73	13.96	PK
4	2483.500	56.02	74.00	-17.98	41.95	14.07	PK
5	2484.300	55.11	74.00	-18.89	41.04	14.07	PK
6	2500.000	46.68	74.00	-27.32	32.50	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11n (20 MHz) / Ant. 0 + Ant. 1 / 2462 MHz		

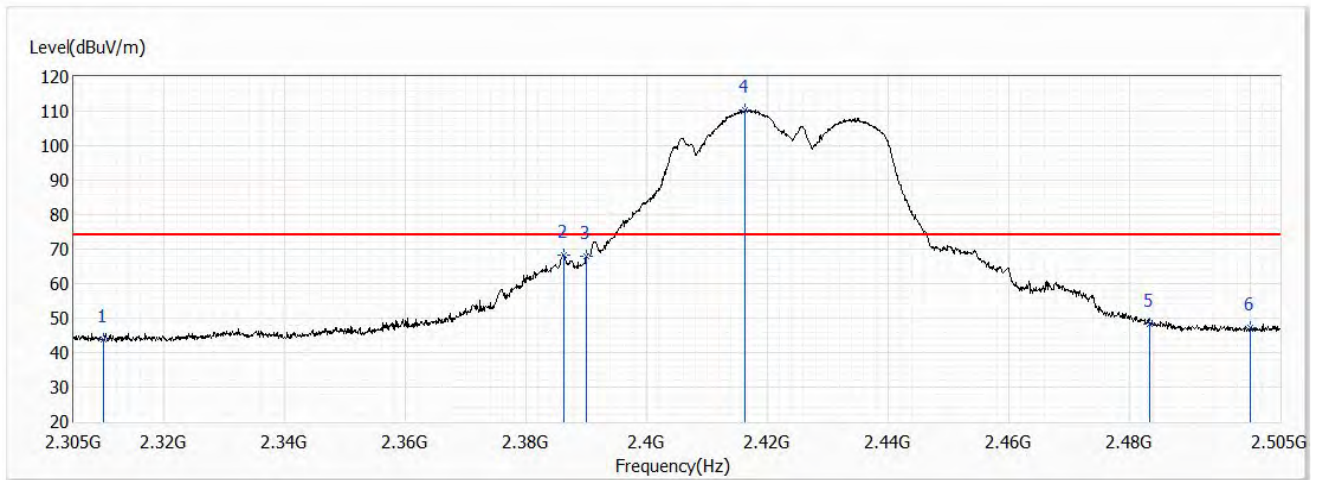


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	31.52	54.00	-22.48	18.56	12.96	AV
2	2390.000	32.51	54.00	-21.49	19.04	13.47	AV
! 3	2464.000	95.68	54.00	41.68	81.73	13.95	AV
4	2483.500	43.37	54.00	-10.63	29.30	14.07	AV
5	2484.100	42.54	54.00	-11.46	28.47	14.07	AV
6	2500.000	35.58	54.00	-18.42	21.40	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11n (40 MHz) / Ant. 0 + Ant. 1 / 2422 MHz		

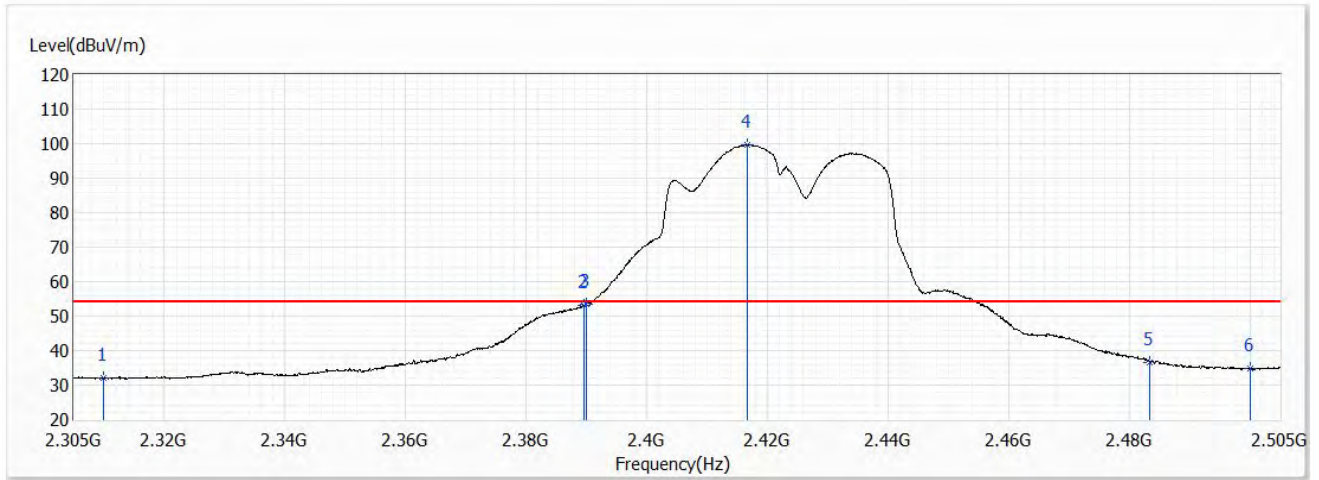


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	43.79	74.00	-30.21	30.83	12.96	PK
2	2386.200	68.21	74.00	-5.79	54.76	13.45	PK
3	2390.000	68.00	74.00	-6.00	54.53	13.47	PK
! 4	2416.300	110.44	74.00	36.44	96.80	13.64	PK
5	2483.500	48.42	74.00	-25.58	34.35	14.07	PK
6	2500.000	47.29	74.00	-26.71	33.11	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11n (40 MHz) / Ant. 0 + Ant. 1 / 2422 MHz		



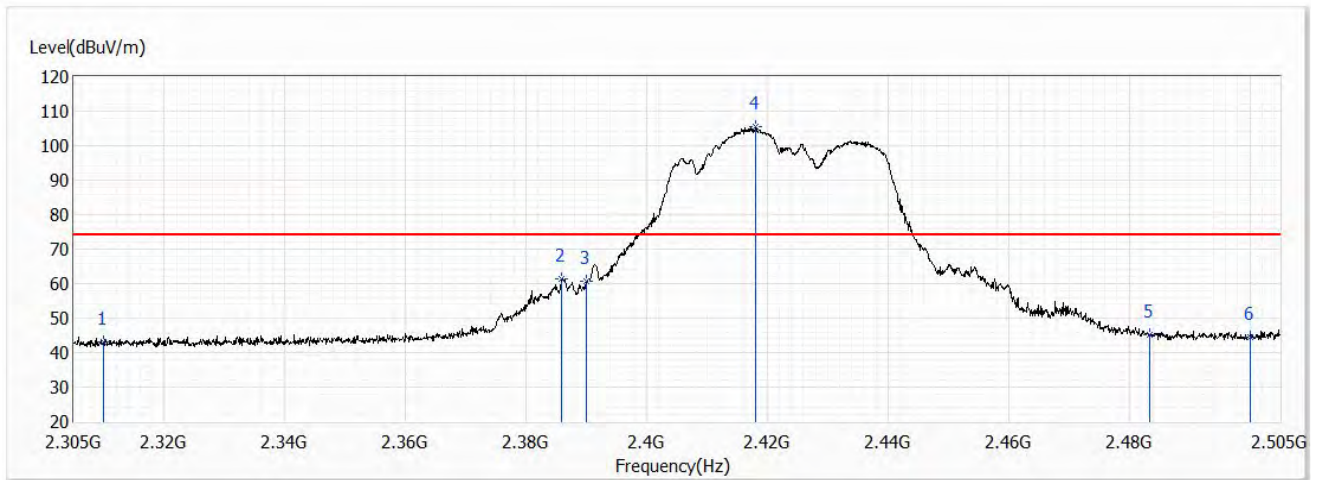
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	31.97	54.00	-22.03	19.01	12.96	AV
2	2389.600	53.03	54.00	-0.97	39.56	13.47	AV
3	2390.000	53.44	54.00	-0.56	39.97	13.47	AV
! 4	2416.600	99.72	54.00	45.72	86.08	13.64	AV
5	2483.500	36.68	54.00	-17.32	22.61	14.07	AV
6	2500.000	34.83	54.00	-19.17	20.65	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.



Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11n (40 MHz) / Ant. 0 + Ant. 1 / 2422 MHz		

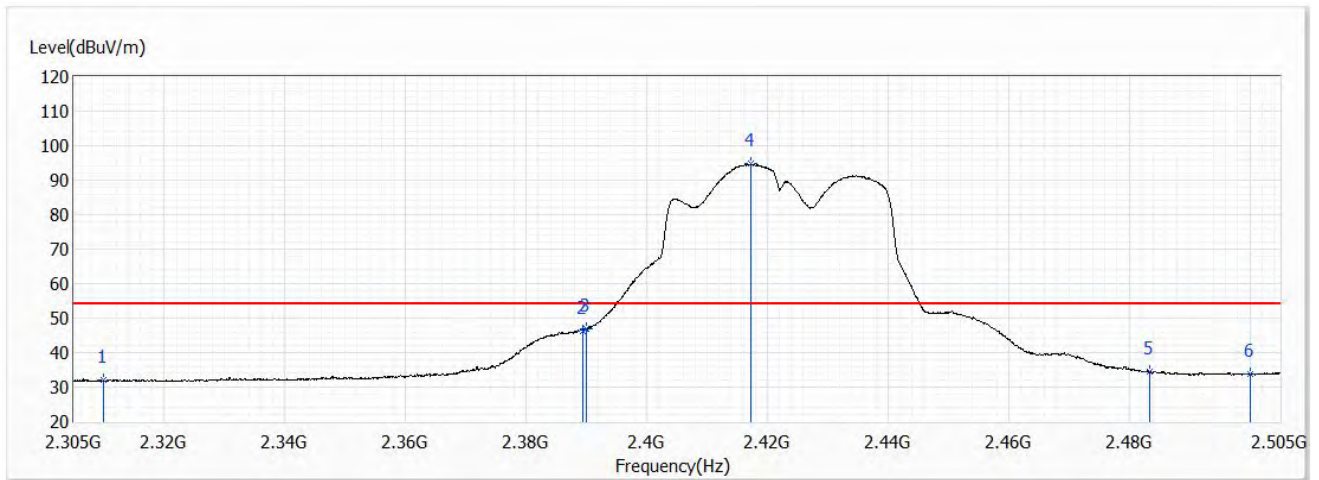


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	42.94	74.00	-31.06	29.98	12.96	PK
2	2385.900	61.23	74.00	-12.77	47.79	13.44	PK
3	2390.000	60.64	74.00	-13.36	47.17	13.47	PK
! 4	2418.100	105.46	74.00	31.46	91.81	13.65	PK
5	2483.500	45.26	74.00	-28.74	31.19	14.07	PK
6	2500.000	44.55	74.00	-29.45	30.37	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11n (40 MHz) / Ant. 0 + Ant. 1 / 2422 MHz		

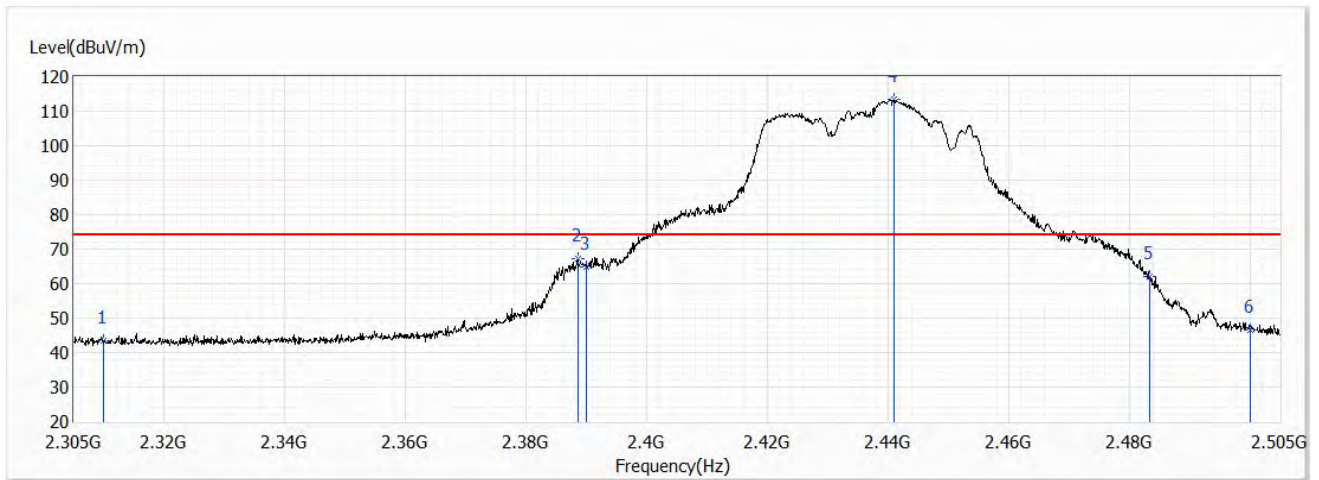


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	31.90	54.00	-22.10	18.94	12.96	AV
2	2389.400	46.36	54.00	-7.64	32.89	13.47	AV
3	2390.000	46.75	54.00	-7.25	33.28	13.47	AV
! 4	2417.200	94.66	54.00	40.66	81.02	13.64	AV
5	2483.500	34.34	54.00	-19.66	20.27	14.07	AV
6	2500.000	33.75	54.00	-20.25	19.57	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11n (40 MHz) / Ant. 0 + Ant. 1 / 2437 MHz		

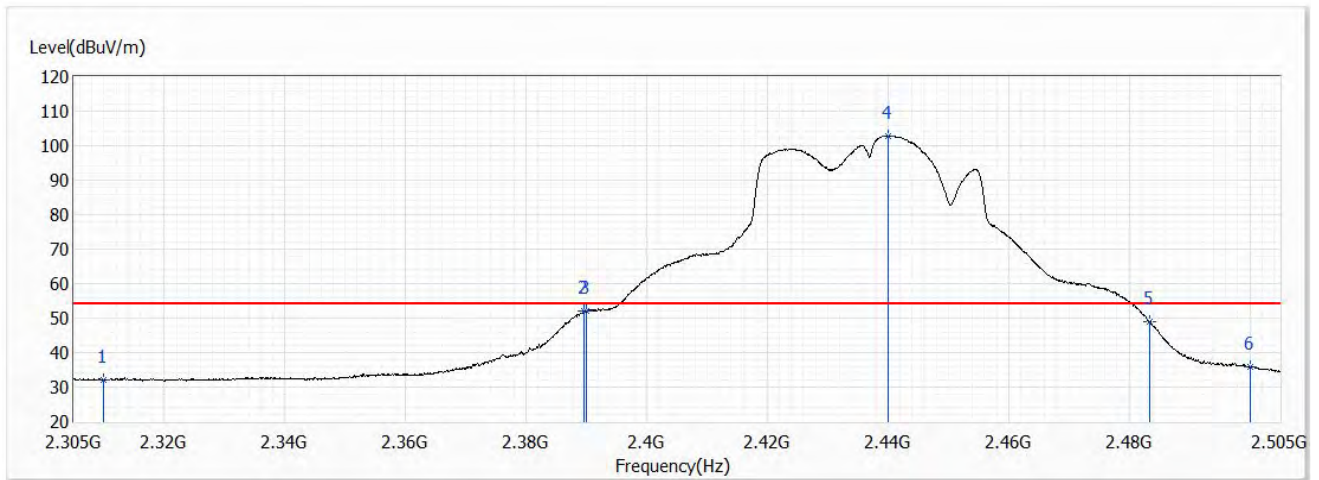


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	43.49	74.00	-30.51	30.53	12.96	PK
2	2388.600	67.34	74.00	-6.66	53.87	13.47	PK
3	2390.000	64.87	74.00	-9.13	51.40	13.47	PK
! 4	2441.000	113.29	74.00	39.29	99.50	13.79	PK
5	2483.500	62.08	74.00	-11.92	48.01	14.07	PK
6	2500.000	46.63	74.00	-27.37	32.45	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11n (40 MHz) / Ant. 0 + Ant. 1 / 2437 MHz		

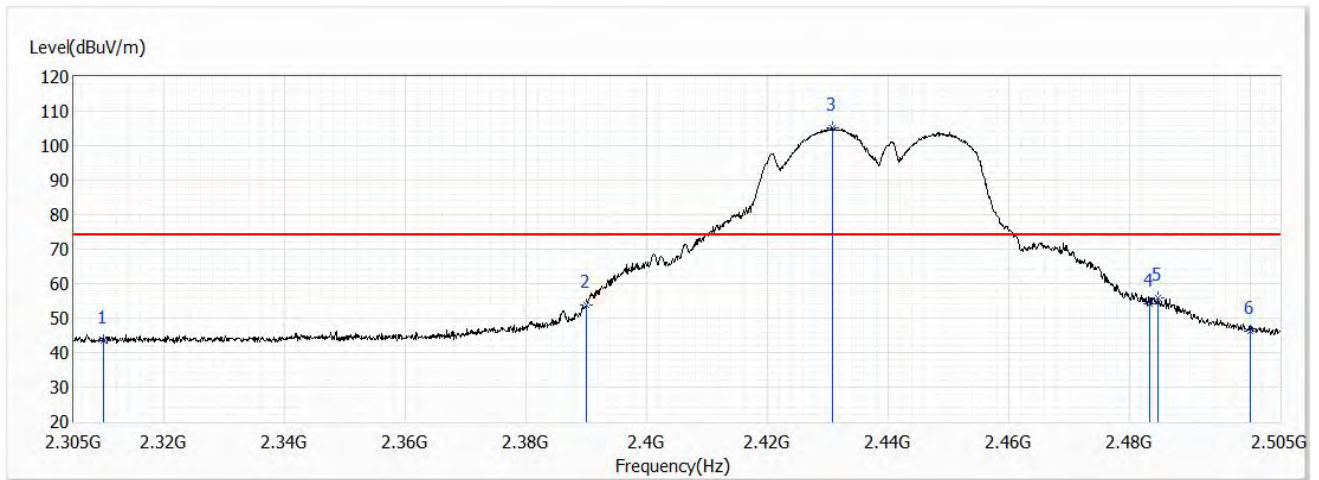


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	32.15	54.00	-21.85	19.19	12.96	AV
2	2389.500	51.95	54.00	-2.05	38.48	13.47	AV
3	2390.000	51.98	54.00	-2.02	38.51	13.47	AV
! 4	2440.000	102.88	54.00	48.88	89.09	13.79	AV
5	2483.500	49.06	54.00	-4.94	34.99	14.07	AV
6	2500.000	35.84	54.00	-18.16	21.66	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11n (40 MHz) / Ant. 0 + Ant. 1 / 2437 MHz		

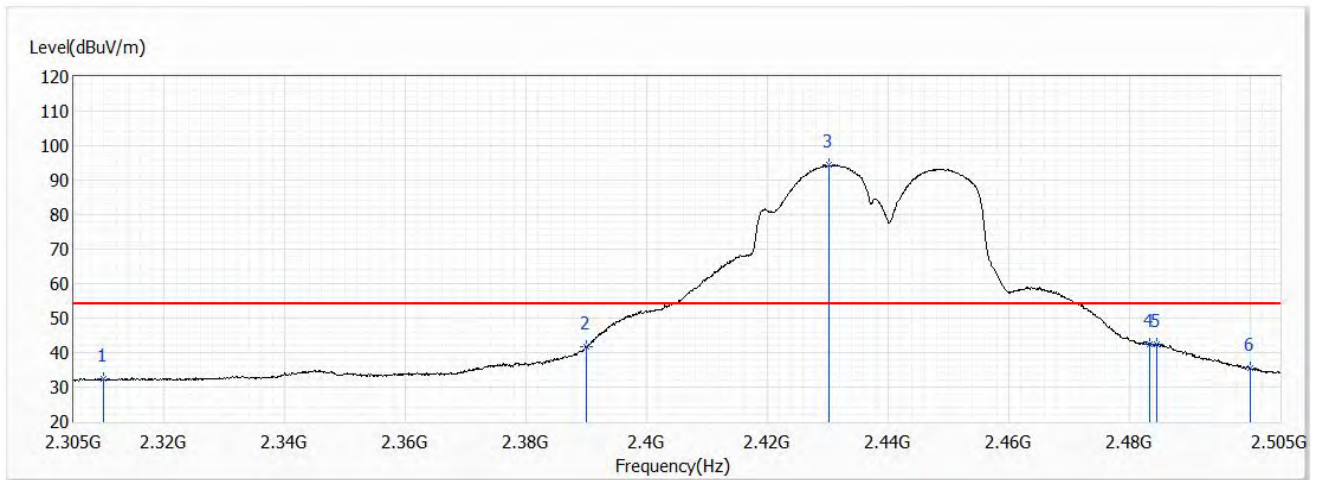


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	43.38	74.00	-30.62	30.42	12.96	PK
2	2390.000	53.80	74.00	-20.20	40.33	13.47	PK
! 3	2430.800	105.31	74.00	31.31	91.57	13.74	PK
4	2483.500	54.00	74.00	-20.00	39.93	14.07	PK
5	2484.700	55.80	74.00	-18.20	41.73	14.07	PK
6	2500.000	46.33	74.00	-27.67	32.15	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11n (40 MHz) / Ant. 0 + Ant. 1 / 2437 MHz		

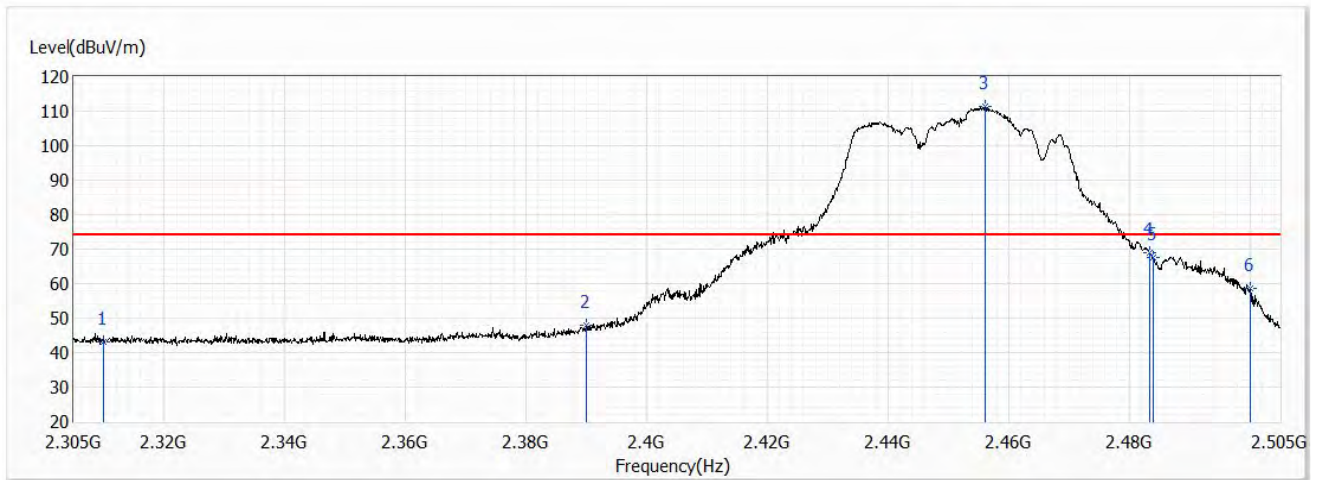


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	32.38	54.00	-21.62	19.42	12.96	AV
2	2390.000	41.61	54.00	-12.39	28.14	13.47	AV
! 3	2430.200	94.39	54.00	40.39	80.66	13.73	AV
4	2483.500	42.57	54.00	-11.43	28.50	14.07	AV
5	2484.500	42.35	54.00	-11.65	28.28	14.07	AV
6	2500.000	35.38	54.00	-18.62	21.20	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11n (40 MHz) / Ant. 0 + Ant. 1 / 2452 MHz		

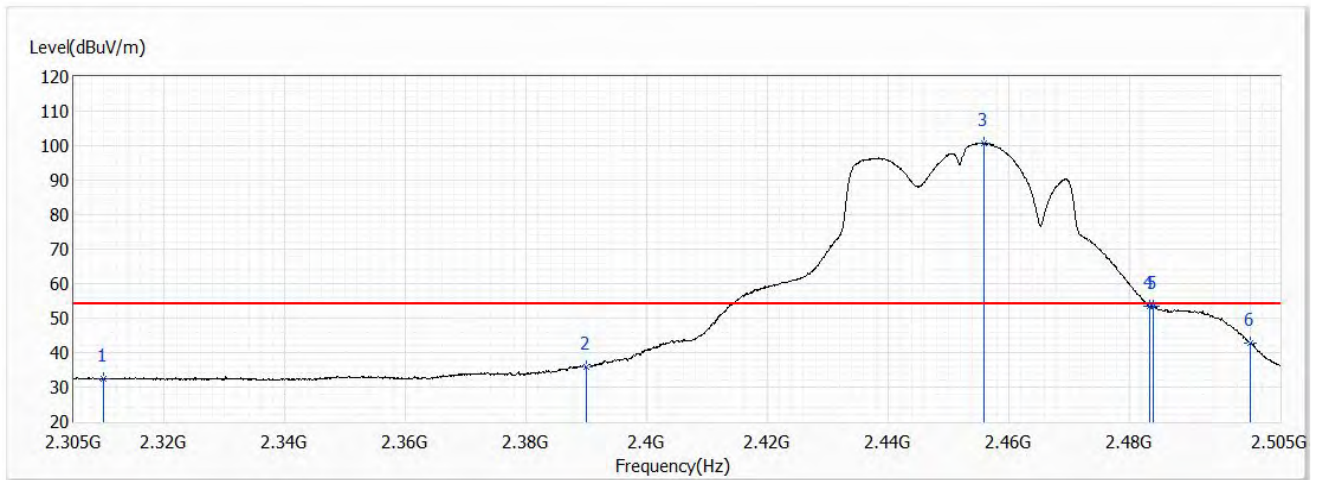


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	43.10	74.00	-30.90	30.14	12.96	PK
2	2390.000	48.05	74.00	-25.95	34.58	13.47	PK
! 3	2456.200	111.27	74.00	37.27	97.37	13.90	PK
4	2483.500	68.92	74.00	-5.08	54.85	14.07	PK
5	2484.000	67.47	74.00	-6.53	53.40	14.07	PK
6	2500.000	58.62	74.00	-15.38	44.44	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Horizontal
Test Condition	802.11n (40 MHz) / Ant. 0 + Ant. 1 / 2452 MHz		



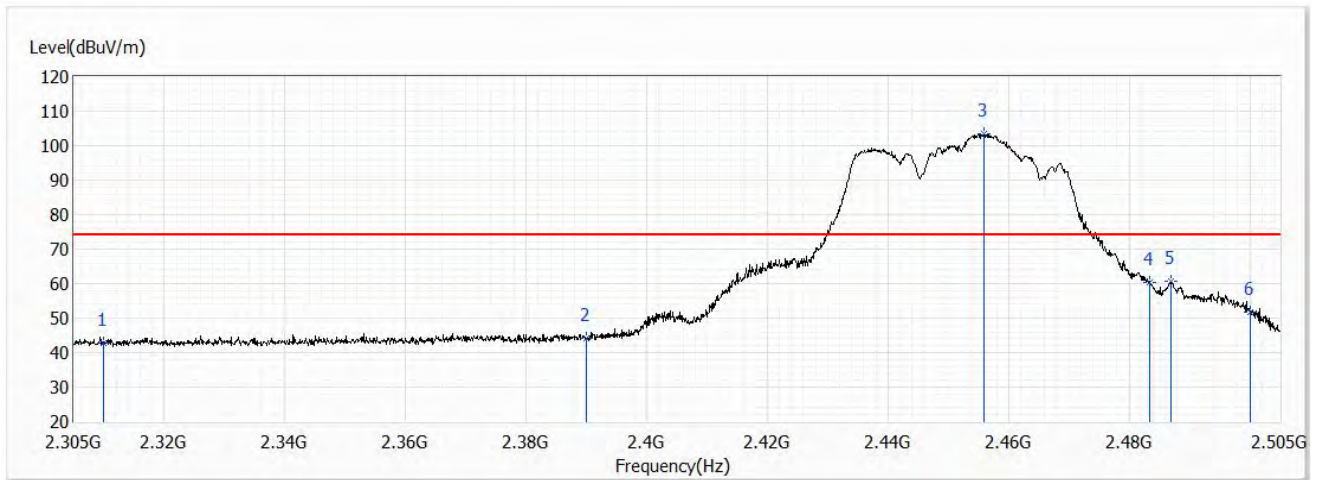
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	32.31	54.00	-21.69	19.35	12.96	AV
2	2390.000	35.91	54.00	-18.09	22.44	13.47	AV
! 3	2455.900	100.85	54.00	46.85	86.95	13.90	AV
4	2483.500	53.51	54.00	-0.49	39.44	14.07	AV
5	2484.000	53.31	54.00	-0.69	39.24	14.07	AV
6	2500.000	42.59	54.00	-11.41	28.41	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.



Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11n (40 MHz) / Ant. 0 + Ant. 1 / 2452 MHz		

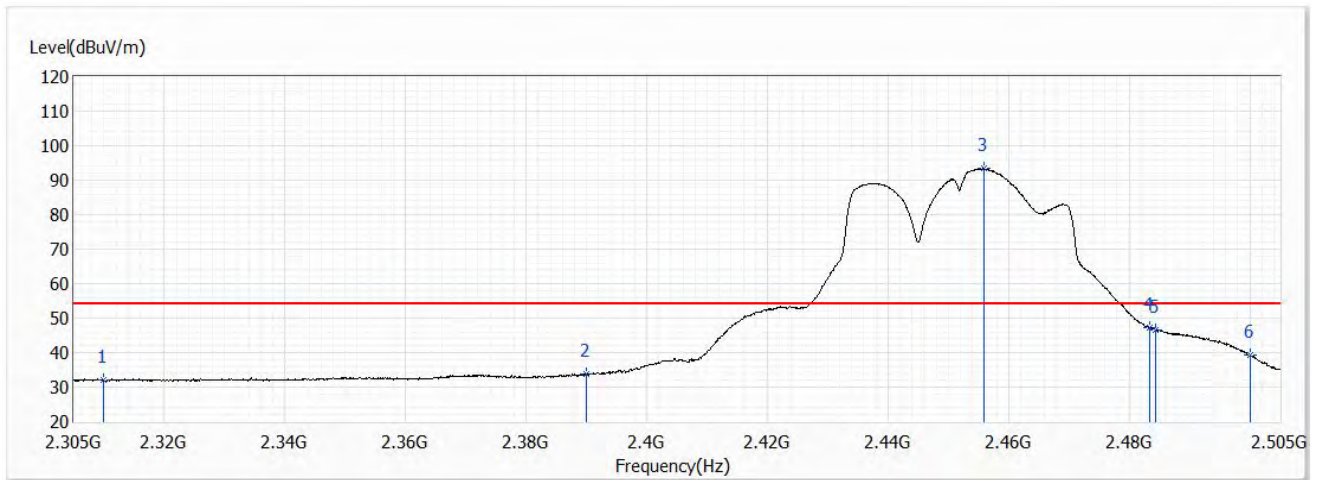


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	42.93	74.00	-31.07	29.97	12.96	PK
2	2390.000	44.28	74.00	-29.72	30.81	13.47	PK
! 3	2456.000	103.38	74.00	29.38	89.48	13.90	PK
4	2483.500	60.20	74.00	-13.80	46.13	14.07	PK
5	2487.000	60.63	74.00	-13.37	46.53	14.10	PK
6	2500.000	51.84	74.00	-22.16	37.66	14.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

Test Mode	Mode 1: Transmit (Adapter)	Polarity	Vertical
Test Condition	802.11n (40 MHz) / Ant. 0 + Ant. 1 / 2452 MHz		



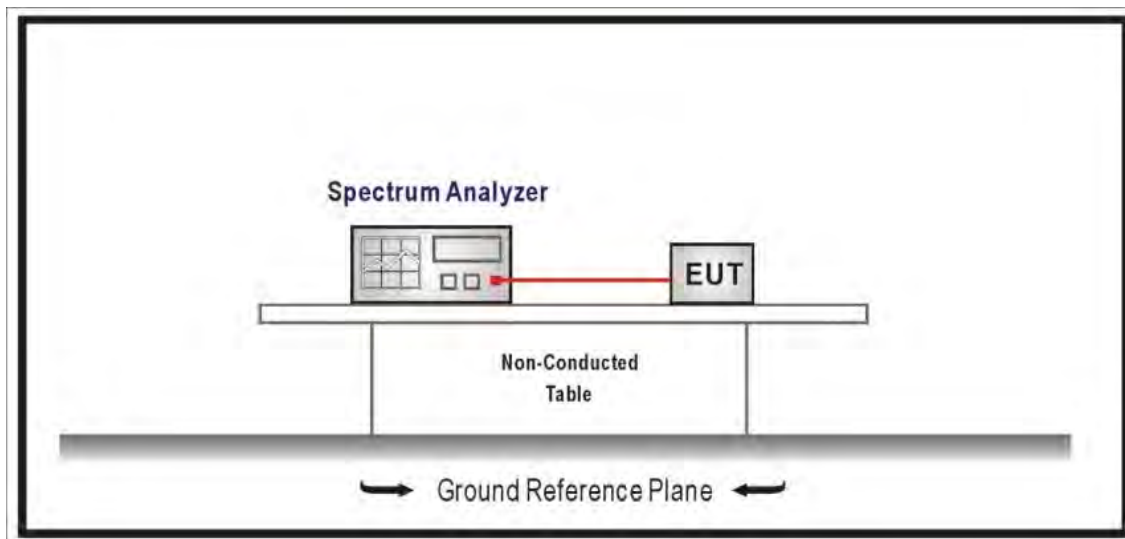
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	32.04	54.00	-21.96	19.08	12.96	AV
2	2390.000	33.70	54.00	-20.30	20.23	13.47	AV
! 3	2456.000	93.41	54.00	39.41	79.51	13.90	AV
4	2483.500	47.17	54.00	-6.83	33.10	14.07	AV
5	2484.400	46.65	54.00	-7.35	32.58	14.07	AV
6	2500.000	39.23	54.00	-14.77	25.05	14.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
4. The fundamental for reference only, it's not restricted by unwanted emission limit.

## 7. Occupied Bandwidth & DTS Bandwidth

### 7.1. Test Setup



### 7.2. Test Limit

The 6 dB bandwidth:  $\geq 0.50$  MHz.

Occupied Bandwidth: NA

### 7.3. Test Procedures

The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074 D01 V05r02 for compliance to FCC 47CFR 15.247 requirements.

### 7.4. Test Specification

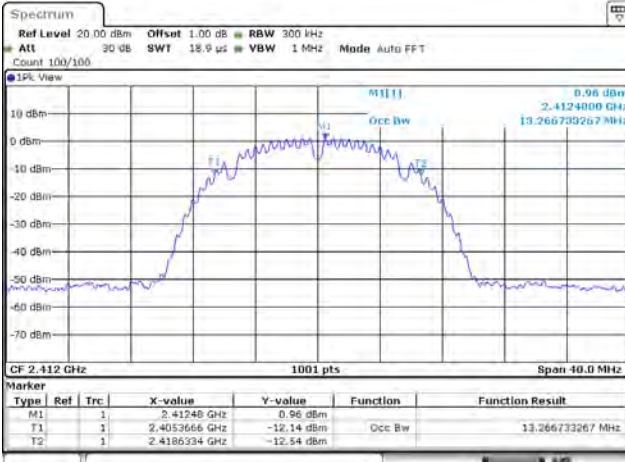
According to FCC Part 15 Subpart C Paragraph 15.247.

## 7.5. Test Result of Occupied Bandwidth

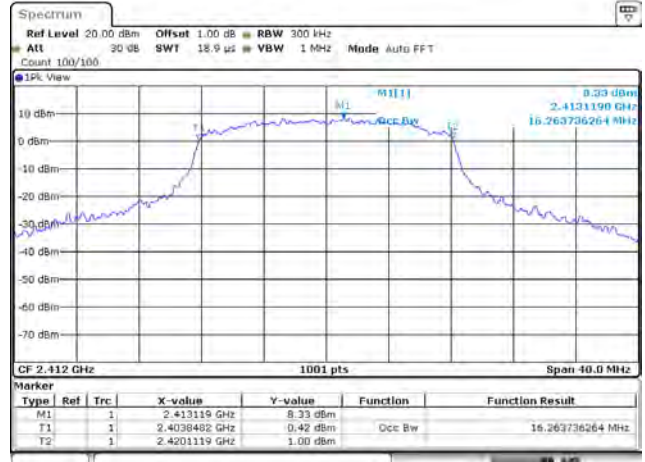
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		Limit (MHz)
			Ant. 0	Ant. 1	
802.11b	1	2412	13.266	13.186	-
	6	2437	13.266	13.186	-
	11	2462	13.226	13.226	-
802.11g	1	2412	16.263	16.143	-
	6	2437	16.183	16.183	-
	11	2462	16.263	16.103	-
802.11n (20 MHz)	1	2412	17.262	17.142	-
	6	2437	17.342	17.342	-
	11	2462	17.262	17.302	-
802.11n (40 MHz)	3	2422	35.804	35.804	-
	6	2437	36.203	35.644	-
	9	2452	35.884	35.964	-

Spectrum plot of maximum value

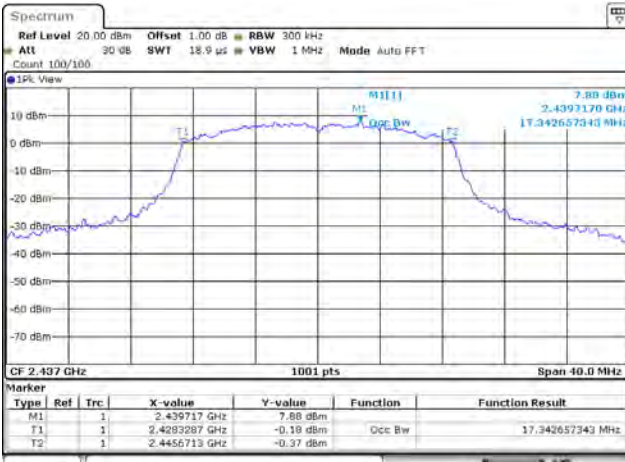
802.11b / Ant. 0 / 2412 MHz



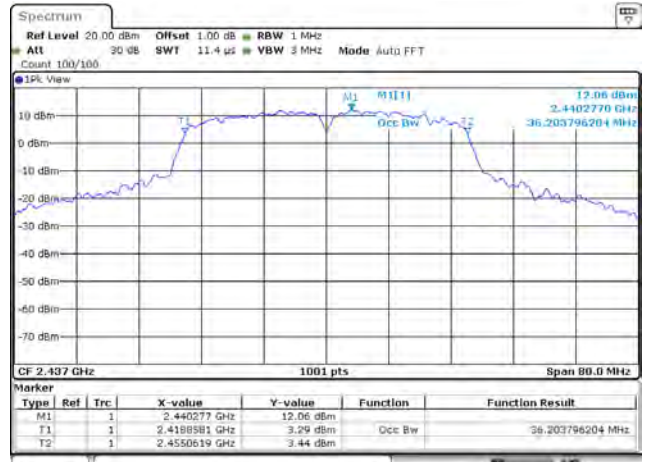
802.11g / Ant. 0 / 2412 MHz



802.11n (20 MHz) / Ant. 0 / 2437 MHz



802.11n (40 MHz) / Ant. 0 / 2437 MHz

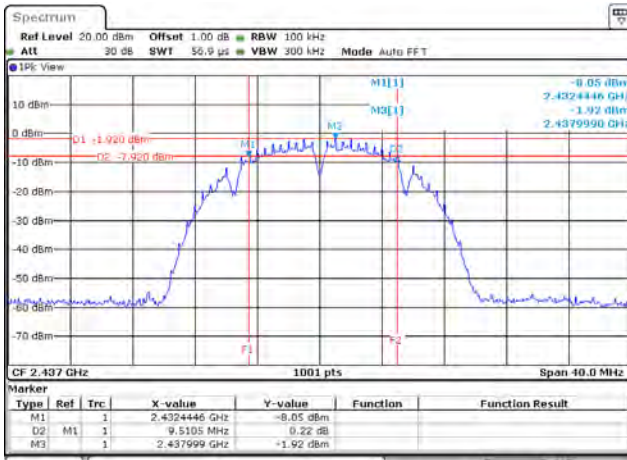


## 7.6. Test Result of DTS Bandwidth

Modulation	Channel	Frequency (MHz)	DTS Bandwidth (MHz)		Limit (MHz)	Result
			Ant. 0	Ant. 1		
802.11b	1	2412	10.030	9.990	$\geq 0.50$	Pass
	6	2437	10.030	9.510	$\geq 0.50$	Pass
	11	2462	10.030	9.510	$\geq 0.50$	Pass
802.11g	1	2412	15.104	15.064	$\geq 0.50$	Pass
	6	2437	15.104	15.104	$\geq 0.50$	Pass
	11	2462	15.104	15.064	$\geq 0.50$	Pass
802.11n (20 MHz)	1	2412	15.104	15.064	$\geq 0.50$	Pass
	6	2437	15.104	15.104	$\geq 0.50$	Pass
	11	2462	15.104	15.104	$\geq 0.50$	Pass
802.11n (40 MHz)	3	2422	33.806	35.005	$\geq 0.50$	Pass
	6	2437	33.806	33.806	$\geq 0.50$	Pass
	9	2452	32.607	32.527	$\geq 0.50$	Pass

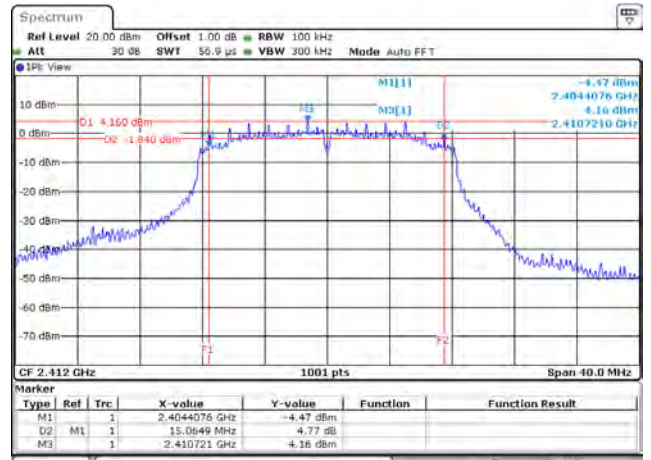
Spectrum plot of worst value

802.11b / Ant. 1 / 2437 MHz



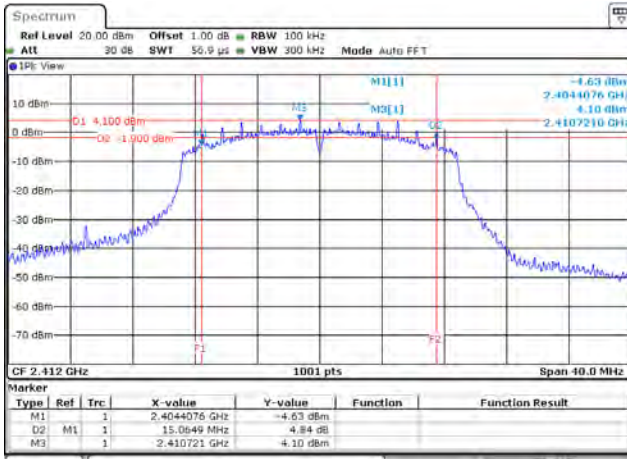
Date: 10-SEP-2021 08:59:21

802.11g / Ant. 1 / 2412 MHz



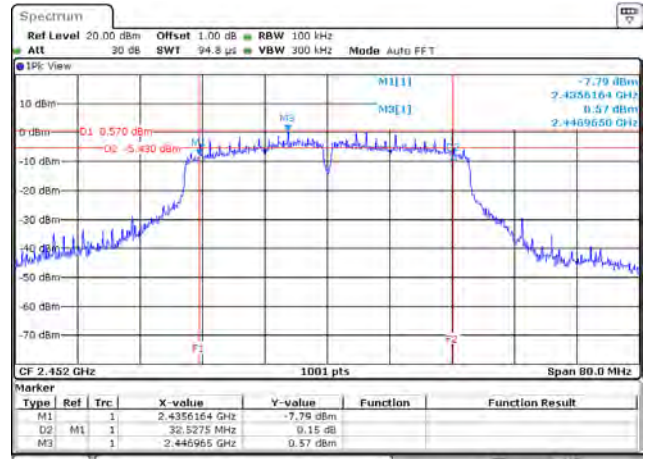
Date: 10-SEP-2021 08:59:15

802.11n (20 MHz) / Ant. 1 / 2412 MHz



Date: 10-SEP-2021 08:59:21

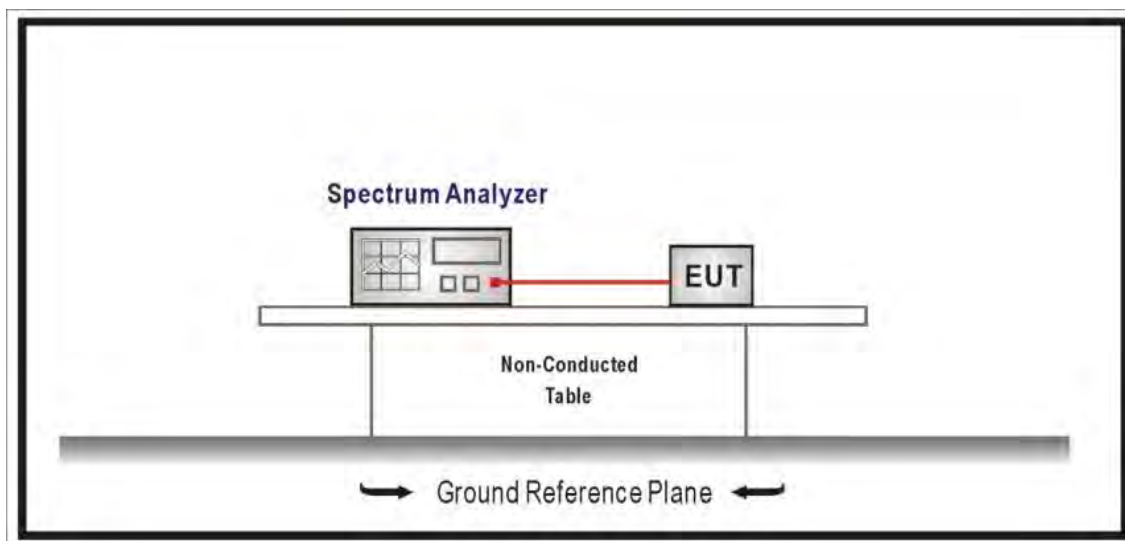
802.11n (40 MHz) / Ant. 1 / 2452 MHz



Date: 10-SEP-2021 08:59:21

## 8. Maximum Power Spectral Density

### 8.1. Test Setup



### 8.2. Test Limit

The peak power spectral density conducted from the intentional radiated to the antenna shall not be greater than +8 dBm in any 3 kHz band during any time interval of continuous transmission.

### 8.3. Test Procedures

The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074 D01 V05r02 for compliance to FCC 47CFR 15.247 requirements.

### 8.4. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247.



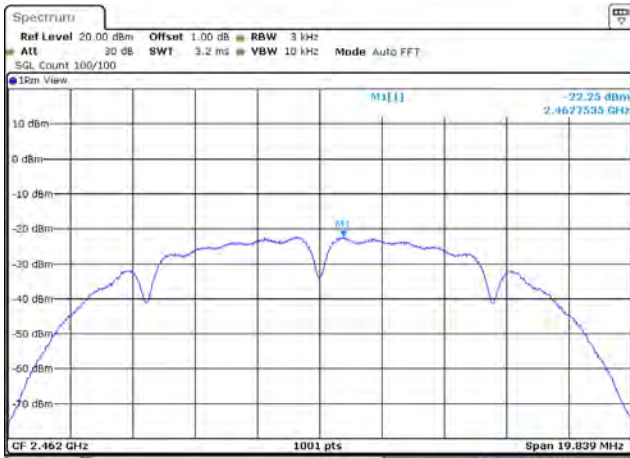
### 8.5. Test Result of Maximum Power Spectral Density

Modulation	Channel	Frequency (MHz)	Power Spectral Density (dBm / 3kHz)			Limit (dBm / 3kHz)	Result
			Ant. 0	Ant. 1	Total		
802.11b	1	2412	-22.460	-24.490	-20.295	$\leq 8.00$	Pass
	6	2437	-22.450	-25.410	-20.620	$\leq 8.00$	Pass
	11	2462	-22.250	-25.050	-20.366	$\leq 8.00$	Pass
802.11g	1	2412	-17.590	-19.810	-15.264	$\leq 8.00$	Pass
	6	2437	-17.780	-20.520	-15.642	$\leq 8.00$	Pass
	11	2462	-18.010	-20.090	-15.631	$\leq 8.00$	Pass
802.11n (20 MHz)	1	2412	-18.210	-20.050	-15.634	$\leq 8.00$	Pass
	6	2437	-18.050	-20.260	-15.616	$\leq 8.00$	Pass
	11	2462	-18.030	-20.190	-15.578	$\leq 8.00$	Pass
802.11n (40 MHz)	3	2422	-27.760	-29.930	-25.098	$\leq 8.00$	Pass
	6	2437	-28.140	-30.530	-25.559	$\leq 8.00$	Pass
	9	2452	-28.340	-29.780	-25.387	$\leq 8.00$	Pass

Note: Total power spectral density = power spectral density + duty factor, and the duty factor refer to section 1.10.

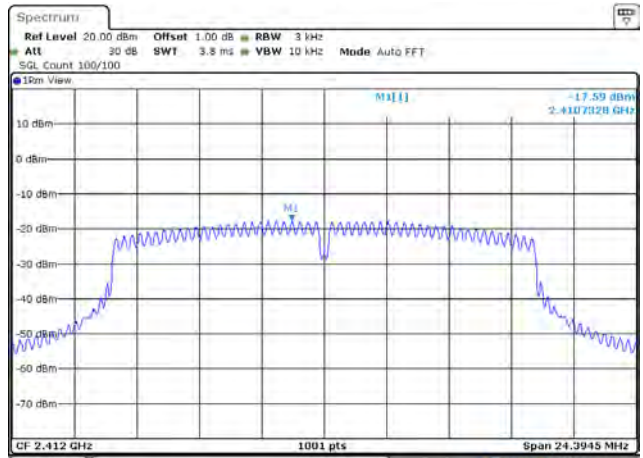
**Spectrum plot of worst value**

802.11b / Ant. 0 / 2462 MHz



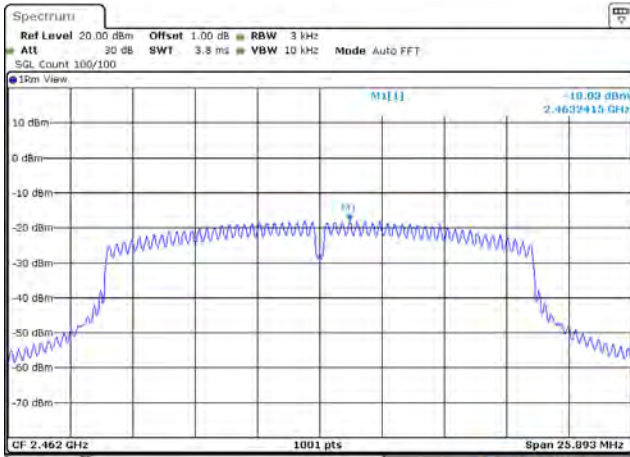
Date: 27 NOV 2021 18:00:09

802.11g / Ant. 0 / 2412 MHz



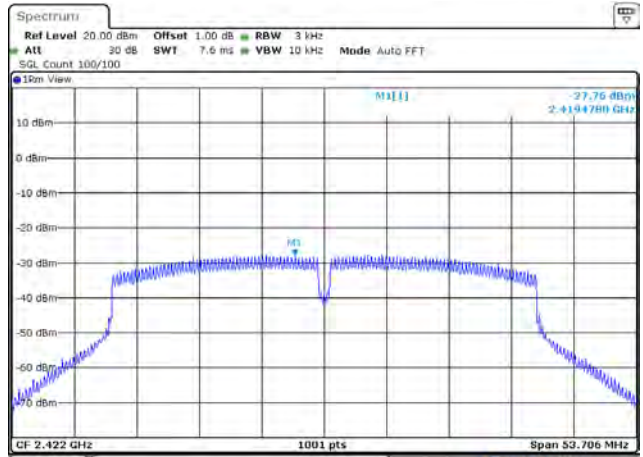
Date: 27 NOV 2021 18:01:39

802.11n (20 MHz) / Ant. 0 / 2462 MHz



Date: 27 NOV 2021 17:57:52

802.11n (40 MHz) / Ant. 0 / 2422 MHz



Date: 27 NOV 2021 17:54:01

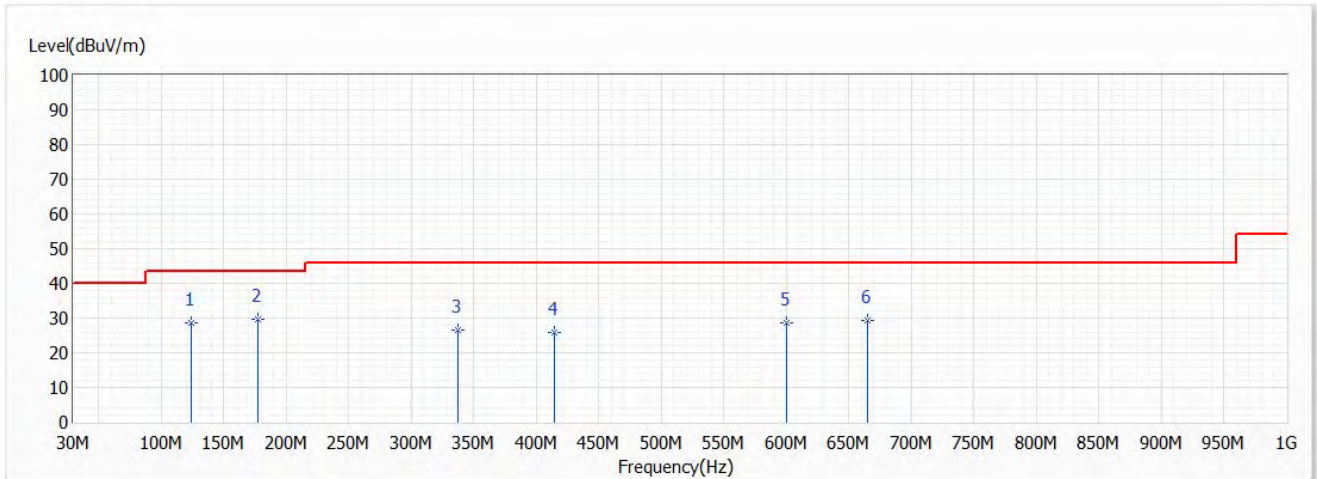
## Appendix A

### ➤ Test Result of Radiated Emissions Co-location

WLAN 2.4 GHz + WWAN LTE function

30 MHz ~ 1 GHz:

Test Mode	Transmit	Polarity	Horizontal
Test Condition	WLAN 2.4 GHz + LTE Cat M1		

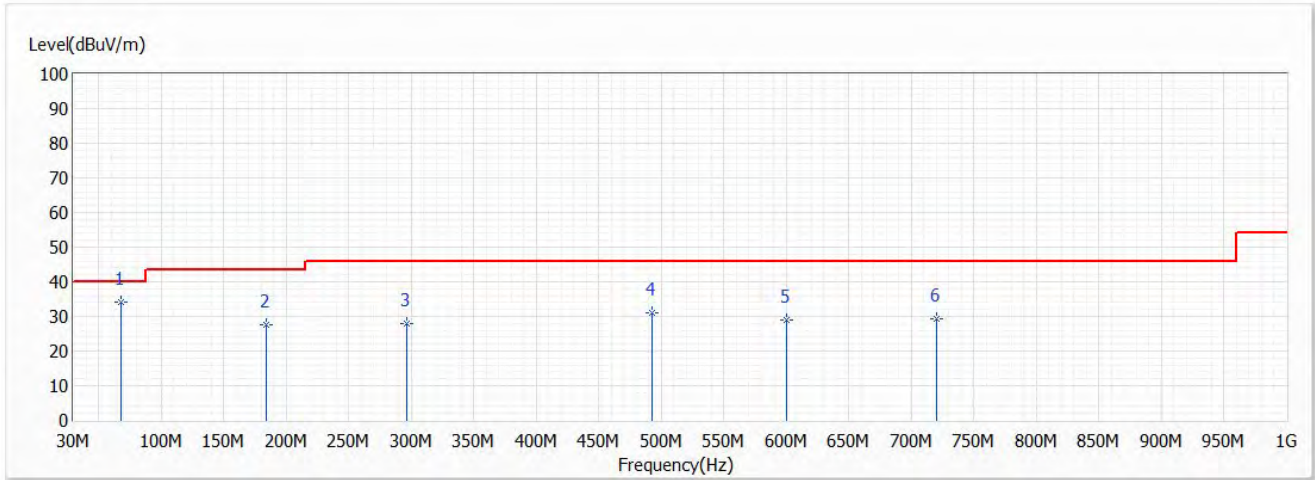


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	124.575	28.70	43.50	-14.80	32.15	-3.45	QP
* 2	177.925	29.58	43.50	-13.92	35.86	-6.28	QP
3	337.248	26.69	46.00	-19.31	27.56	-0.87	QP
4	414.605	25.96	46.00	-20.04	24.20	1.76	QP
5	599.996	28.48	46.00	-17.52	23.70	4.78	QP
6	665.108	29.33	46.00	-16.67	23.96	5.37	QP

Note:

1. All reading levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Test Mode	Transmit	Polarity	Vertical
Test Condition	WLAN 2.4 GHz + LTE Cat M1		

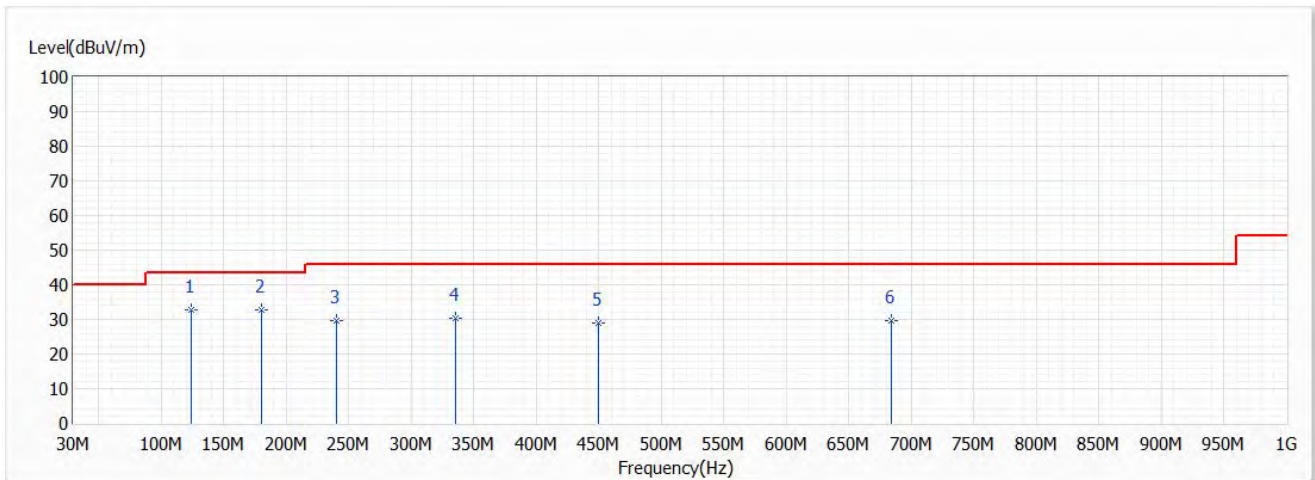


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	68.315	34.04	40.00	-5.96	43.19	-9.15	QP
2	184.473	27.70	43.50	-15.80	34.27	-6.57	QP
3	296.871	27.80	46.00	-18.20	29.73	-1.93	QP
4	492.326	30.90	46.00	-15.10	27.76	3.14	QP
5	599.996	29.10	46.00	-16.90	24.32	4.78	QP
6	720.034	29.23	46.00	-16.77	23.54	5.69	QP

Note:

1. All reading levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Test Mode	Transmit	Polarity	Horizontal
Test Condition	WLAN 2.4 GHz + LTE NB-IoT		

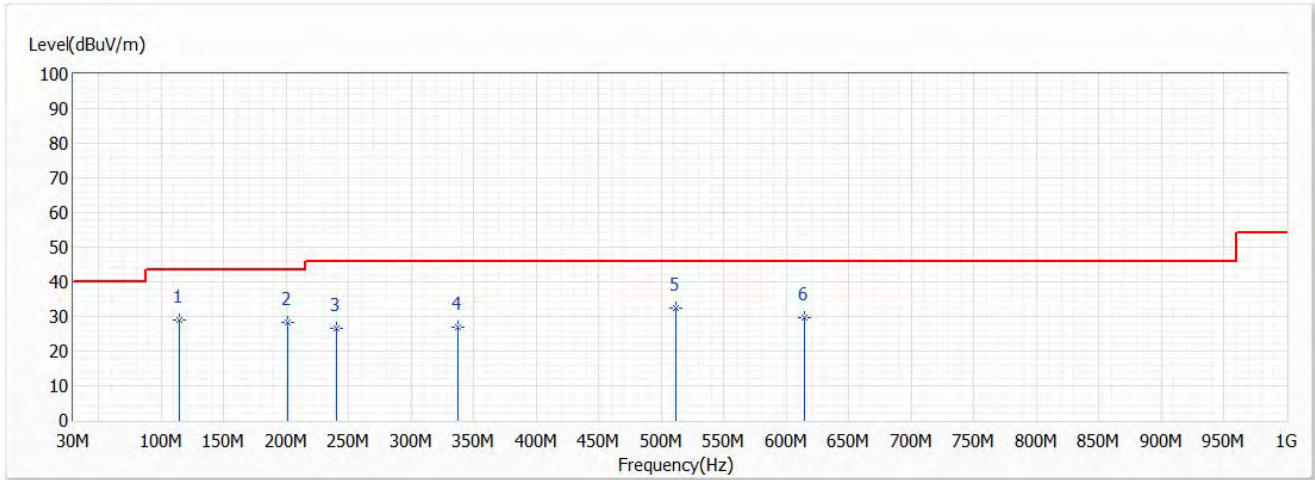


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	124.211	32.90	43.50	-10.60	36.35	-3.45	QP
2	180.714	32.82	43.50	-10.68	39.20	-6.38	QP
3	240.005	29.74	46.00	-16.26	33.79	-4.05	QP
4	335.914	30.36	46.00	-15.64	31.28	-0.92	QP
5	450.010	28.98	46.00	-17.02	26.66	2.32	QP
6	683.901	29.80	46.00	-16.20	24.44	5.36	QP

Note:

1. All reading levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Test Mode	Transmit	Polarity	Vertical
Test Condition	WLAN 2.4 GHz + LTE NB-IoT		



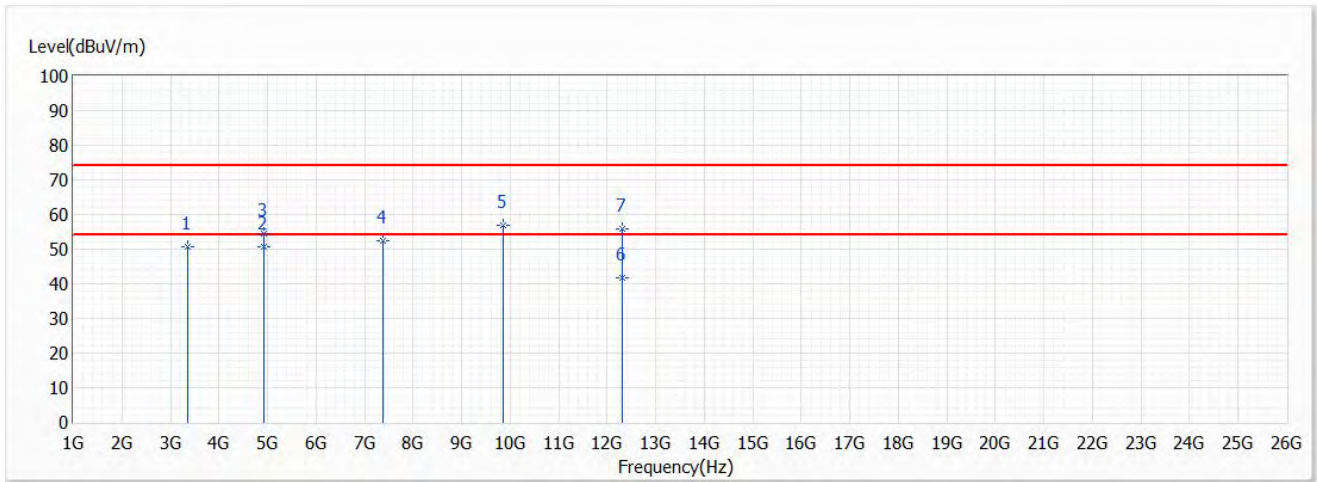
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	114.875	28.94	43.50	-14.56	32.23	-3.29	QP
2	200.963	28.19	43.50	-15.31	34.29	-6.10	QP
3	240.005	26.54	46.00	-19.46	30.59	-4.05	QP
4	337.733	26.82	46.00	-19.18	27.67	-0.85	QP
* 5	511.605	32.56	46.00	-13.44	29.23	3.33	QP
6	614.425	29.56	46.00	-16.44	24.61	4.95	QP

Note:

1. All reading levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

**Above 1 GHz:**

Test Mode	Transmit	Polarity	Horizontal
Test Condition	WLAN 2.4 GHz + LTE Cat M1		

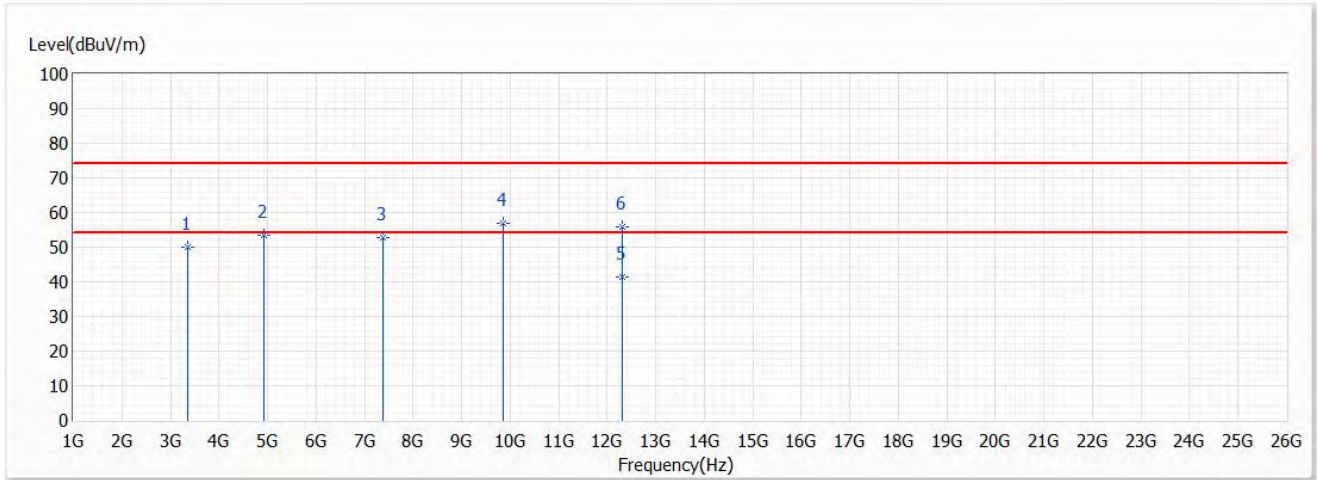


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3345.700	50.62	74.00	-23.38	68.97	-18.35	PK
* 2	4924.000	50.67	54.00	-3.33	63.72	-13.05	AV
3	4924.000	54.32	74.00	-19.68	67.37	-13.05	PK
4	7386.000	52.58	74.00	-21.42	57.98	-5.40	PK
5	9848.000	56.74	74.00	-17.26	58.60	-1.86	PK
6	12310.000	41.68	54.00	-12.32	40.57	1.11	AV
7	12310.000	55.81	74.00	-18.19	54.70	1.11	PK

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst value.
- 3.Emission Level = Reading Level + Correct Factor.
- 4.The average measurement was not performed when the peak measured data under the limit of average detection.
- 5.The emission above 13GHz were not included is because their levels are lower than 20dB form limit.

Test Mode	Transmit	Polarity	Vertical
Test Condition	WLAN 2.4 GHz + LTE Cat M1		



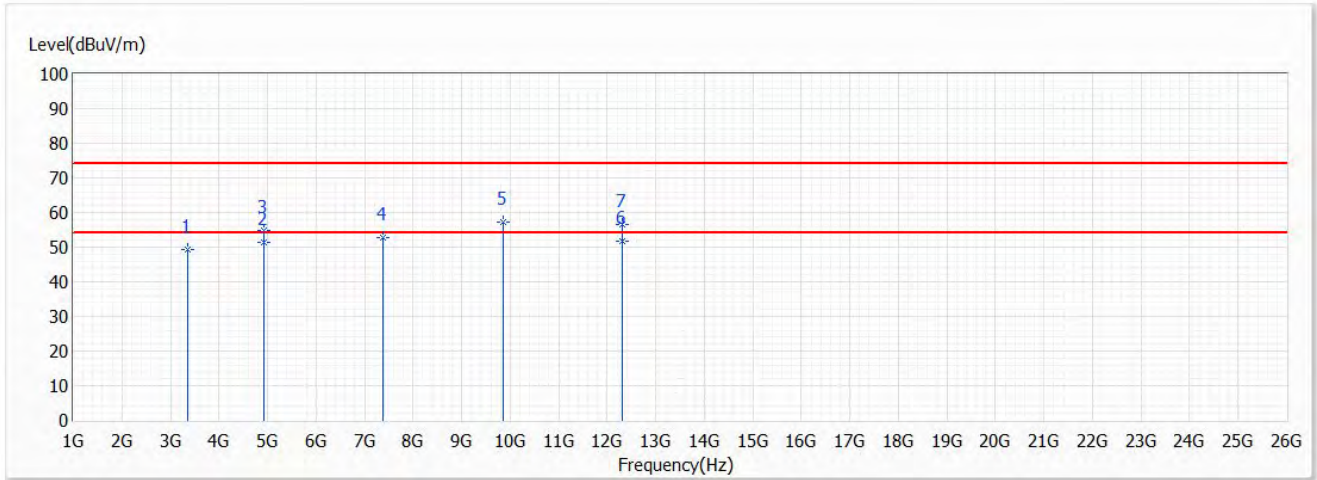
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3345.700	49.86	74.00	-24.14	68.21	-18.35	PK
2	4924.000	53.46	74.00	-20.54	66.51	-13.05	PK
3	7386.000	52.76	74.00	-21.24	58.16	-5.40	PK
4	9848.000	57.05	74.00	-16.95	58.91	-1.86	PK
* 5	12310.000	41.53	54.00	-12.47	40.42	1.11	AV
6	12310.000	56.02	74.00	-17.98	54.91	1.11	PK

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst value.
- 3.Emission Level = Reading Level + Correct Factor.
- 4.The average measurement was not performed when the peak measured data under the limit of average detection.
- 5.The emission above 13GHz were not included is because their levels are lower than 20dB form limit.



Test Mode	Transmit	Polarity	Horizontal
Test Condition	WLAN 2.4 GHz + LTE NB-IoT		

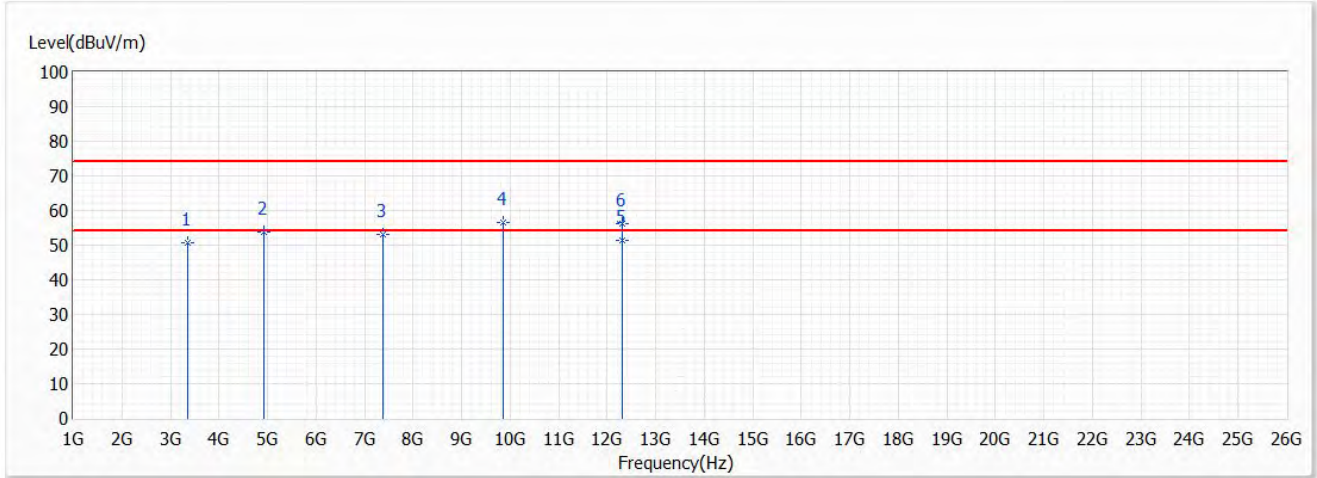


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3345.700	49.39	74.00	-24.61	67.74	-18.35	PK
2	4924.000	51.33	54.00	-2.67	64.38	-13.05	AV
3	4924.000	54.89	74.00	-19.11	67.94	-13.05	PK
4	7386.000	52.82	74.00	-21.18	58.22	-5.40	PK
5	9848.000	57.26	74.00	-16.74	59.12	-1.86	PK
* 6	12310.000	51.86	54.00	-2.14	50.75	1.11	AV
7	12310.000	56.43	74.00	-17.57	55.32	1.11	PK

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst value.
- 3.Emission Level = Reading Level + Correct Factor.
- 4.The average measurement was not performed when the peak measured data under the limit of average detection.
- 5.The emission above 13GHz were not included is because their levels are lower than 20dB form limit.

Test Mode	Transmit	Polarity	Vertical
Test Condition	WLAN 2.4 GHz + LTE NB-IoT		



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	3345.700	50.71	74.00	-23.29	69.06	-18.35	PK
2	4924.000	53.75	74.00	-20.25	66.80	-13.05	PK
3	7386.000	53.19	74.00	-20.81	58.59	-5.40	PK
4	9848.000	56.67	74.00	-17.33	58.53	-1.86	PK
* 5	12310.000	51.47	54.00	-2.53	50.36	1.11	AV
6	12310.000	56.16	74.00	-17.84	55.05	1.11	PK

Note:

- 1.All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst value.
- 3.Emission Level = Reading Level + Correct Factor.
- 4.The average measurement was not performed when the peak measured data under the limit of average detection.
- 5.The emission above 13GHz were not included is because their levels are lower than 20dB form limit.