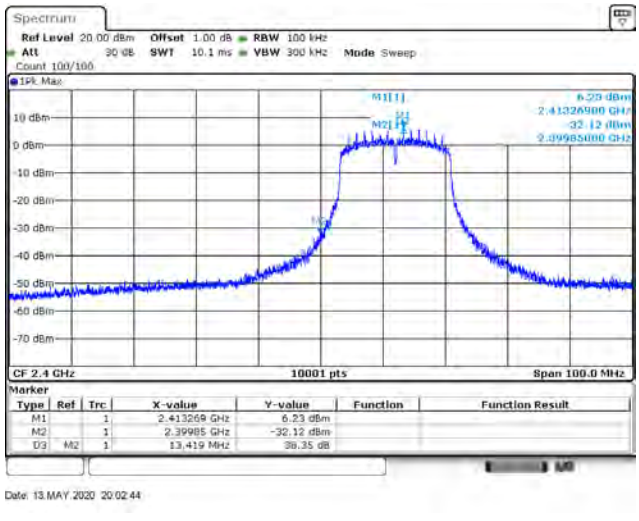
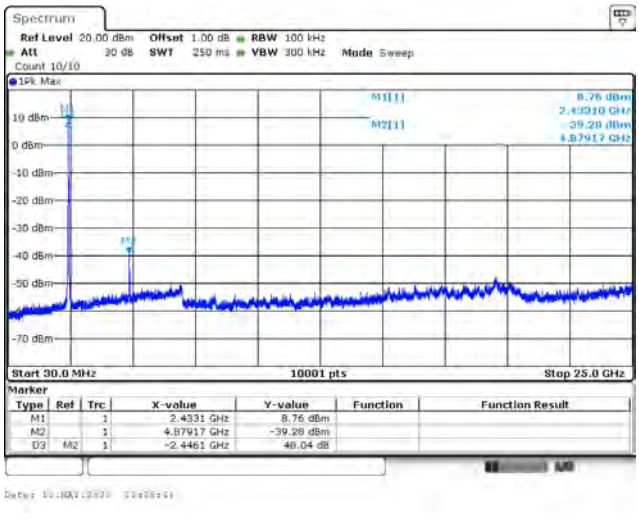
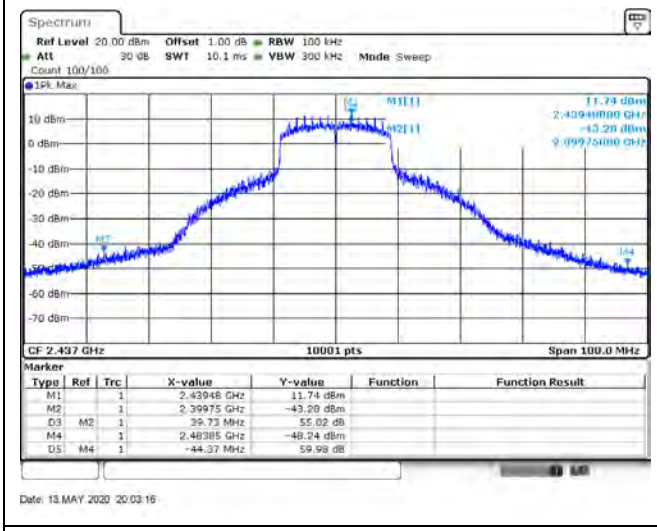
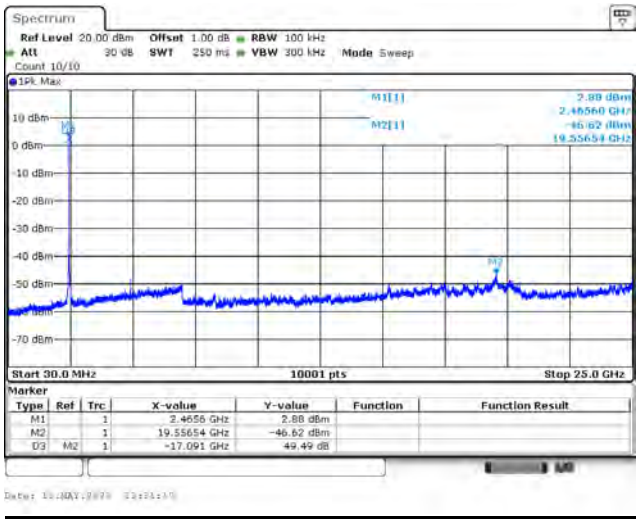
802.11n (20 MHz) / 2412 MHz / Ant.0



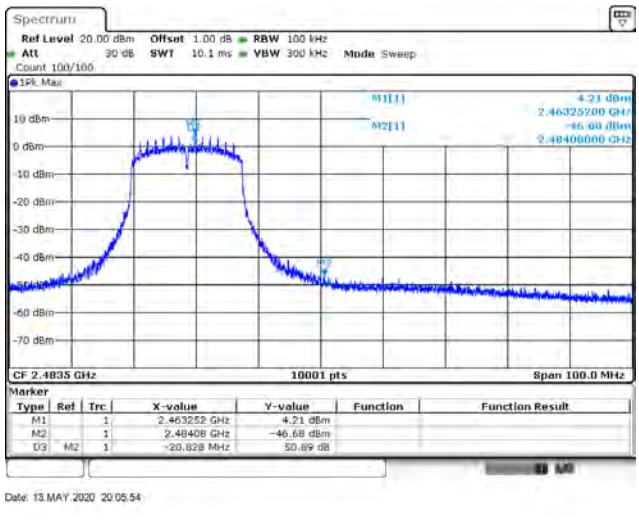


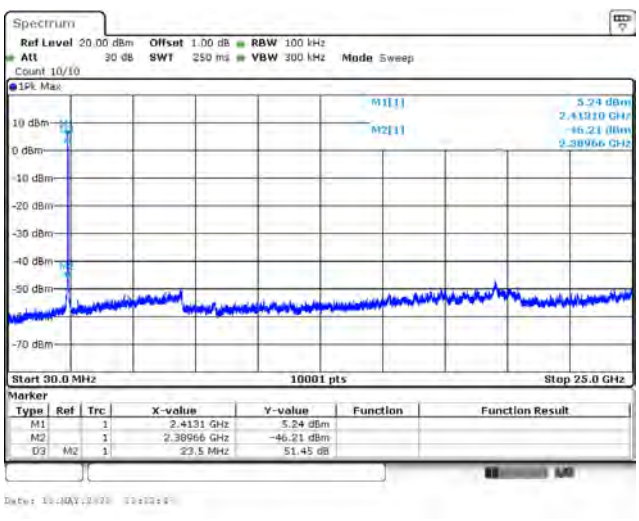
802.11n (20 MHz) / 2437 MHz / Ant.0



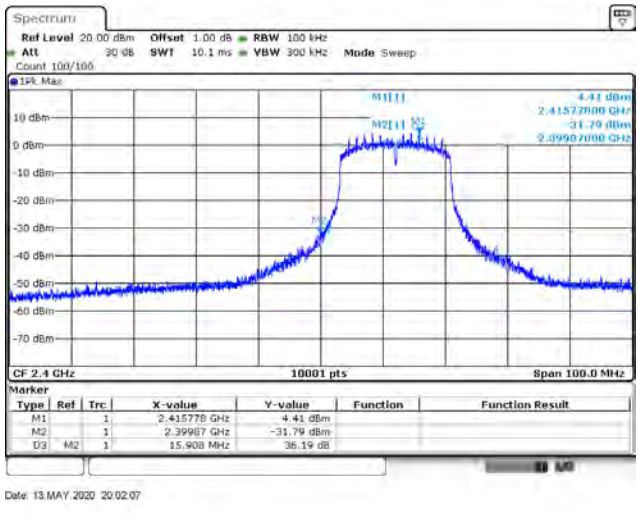


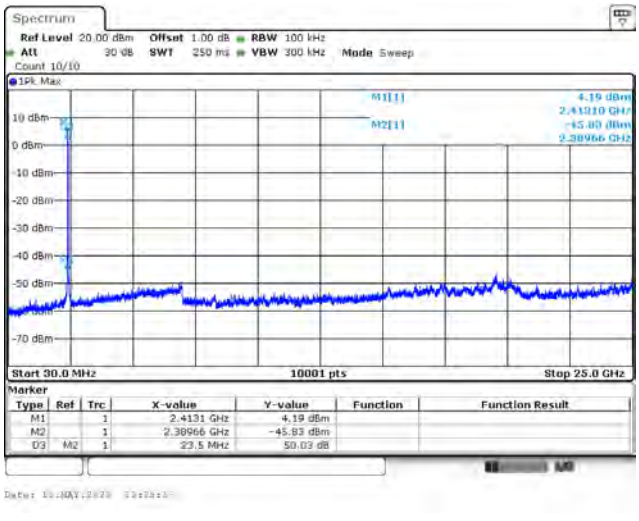
802.11n (20 MHz) / 2462 MHz / Ant.0



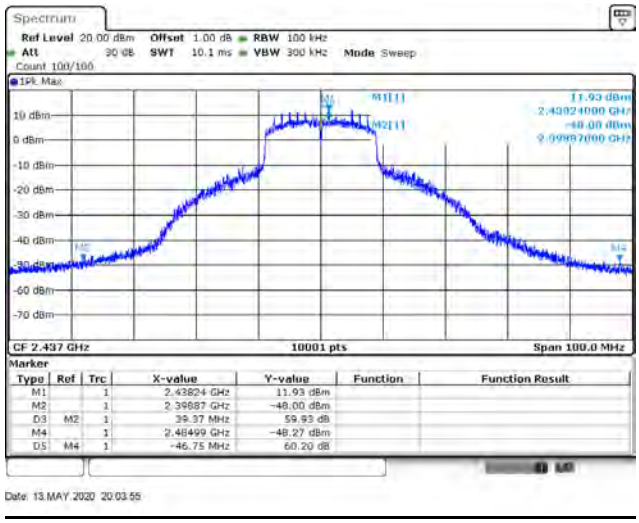


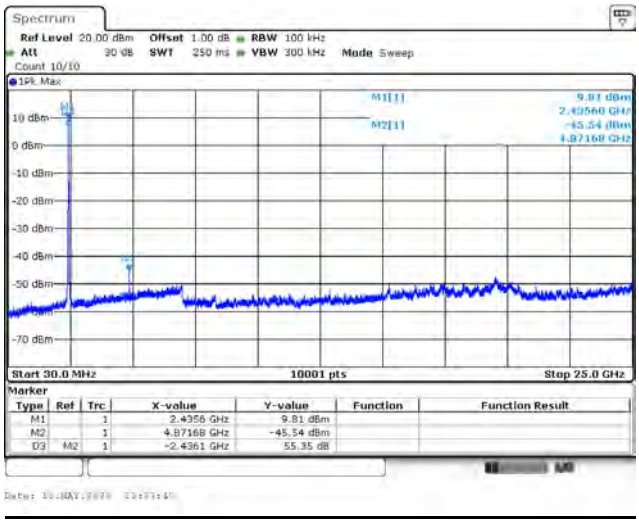
802.11n (20 MHz) / 2412 MHz / Ant.1



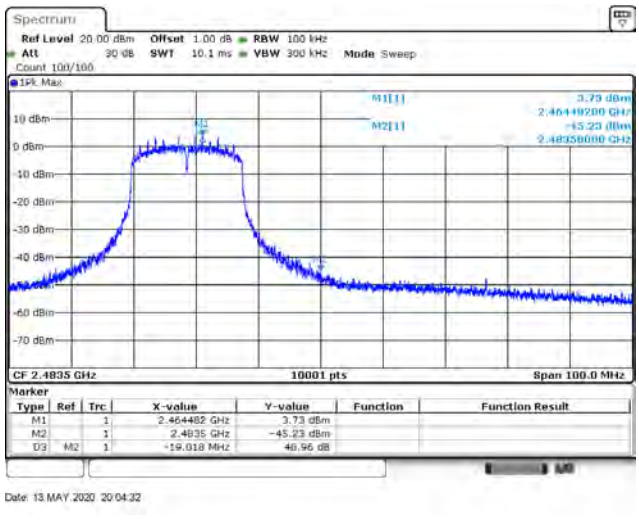


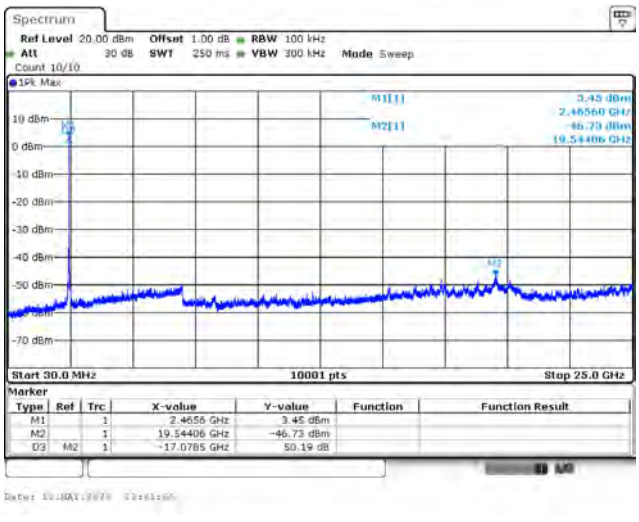
802.11n (20 MHz) / 2437 MHz / Ant.1



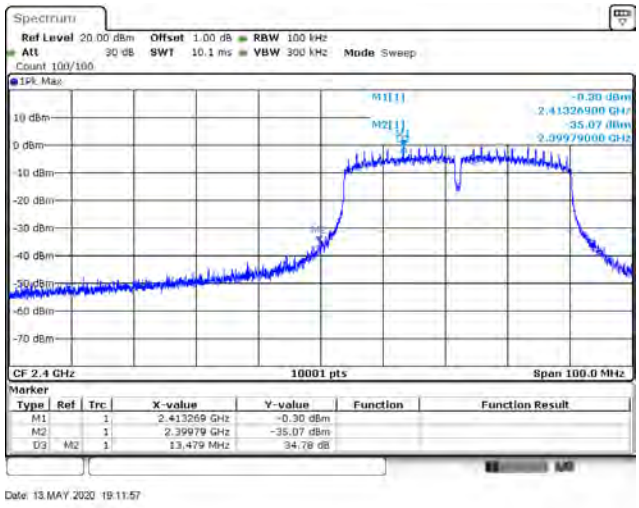


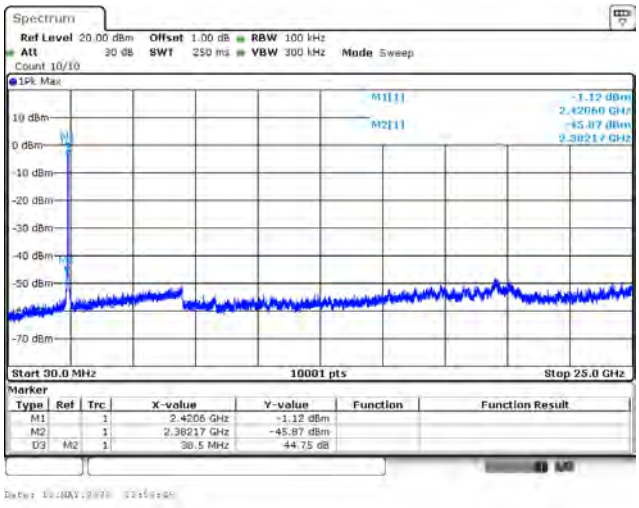
802.11n (20 MHz) / 2462 MHz / Ant.1



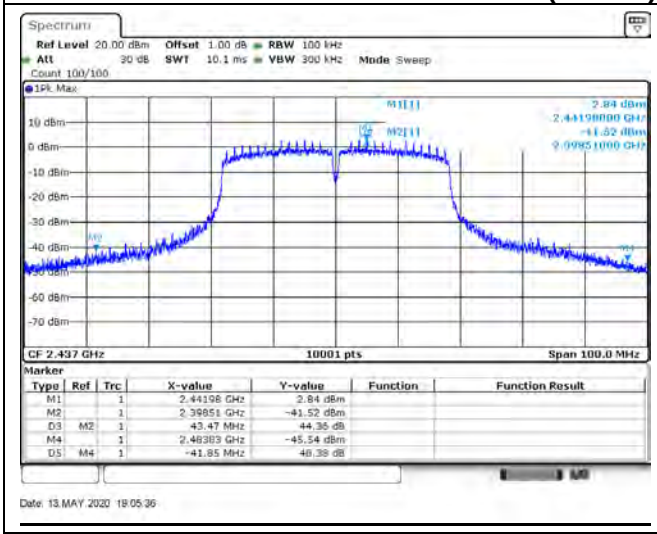


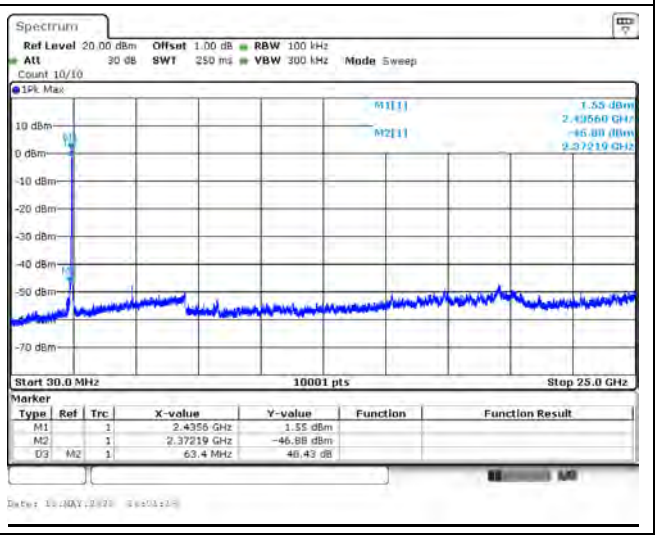
802.11n (40 MHz) / 2422 MHz / Ant.0



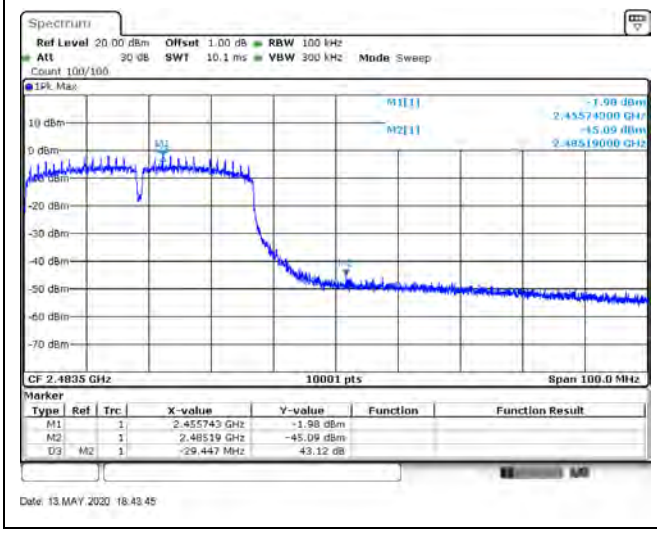


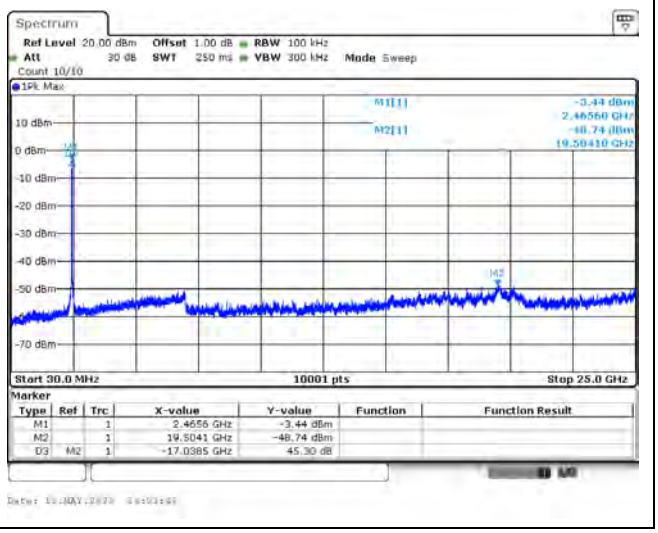
802.11n (40 MHz) / 2437 MHz / Ant.0



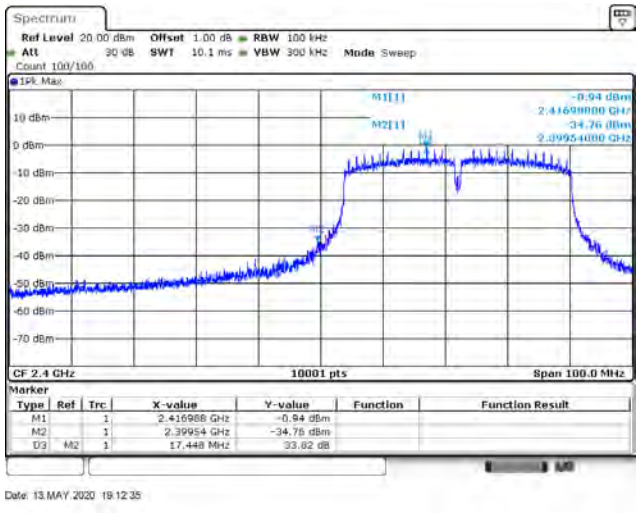


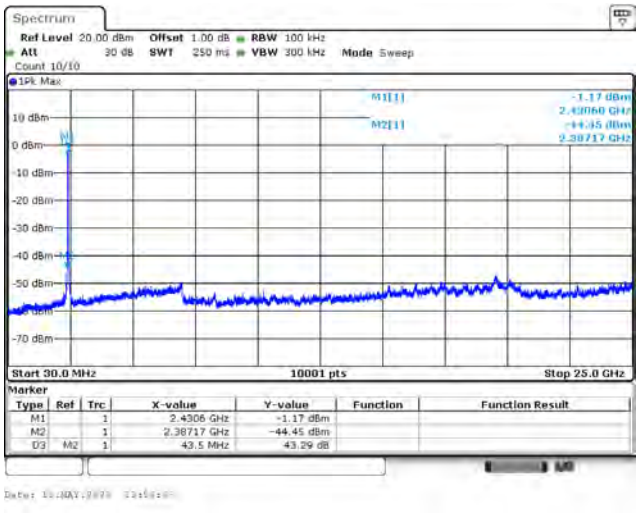
802.11n (40 MHz) / 2452 MHz / Ant.0



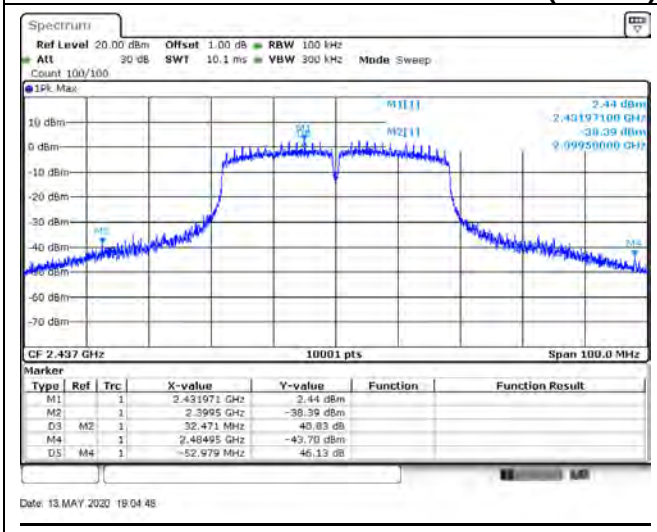


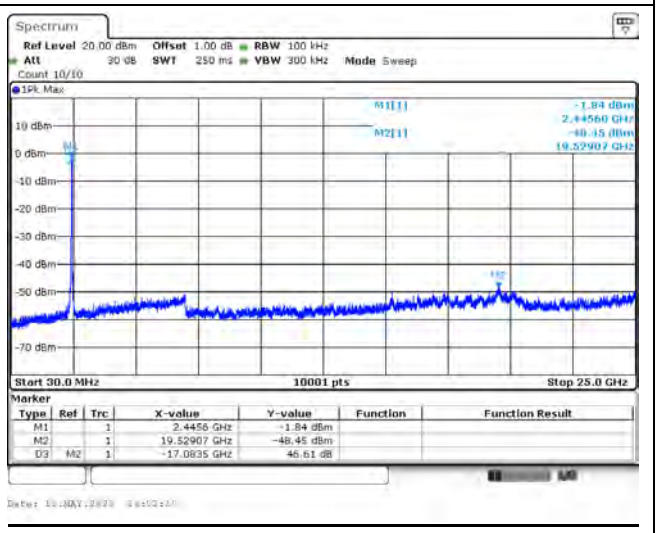
802.11n (40 MHz) / 2422 MHz / Ant.1



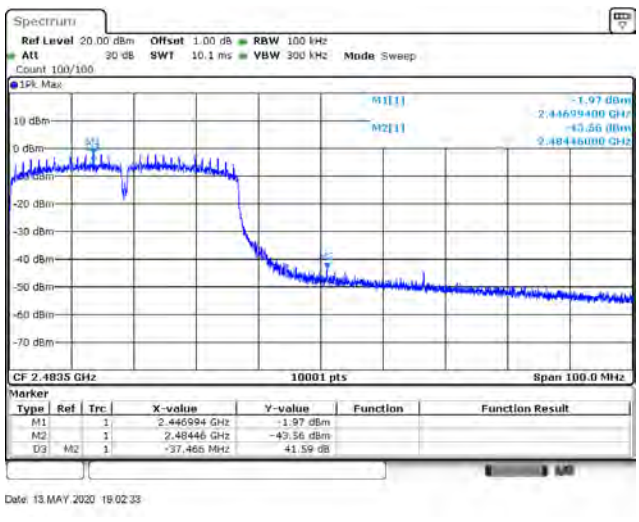


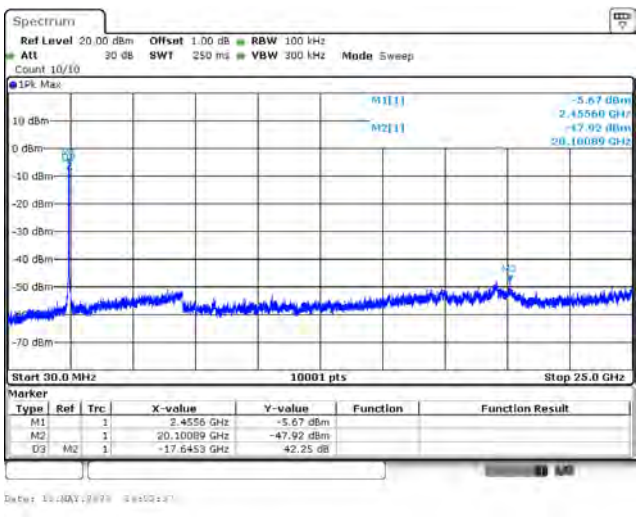
802.11n (40 MHz) / 2437 MHz / Ant.1





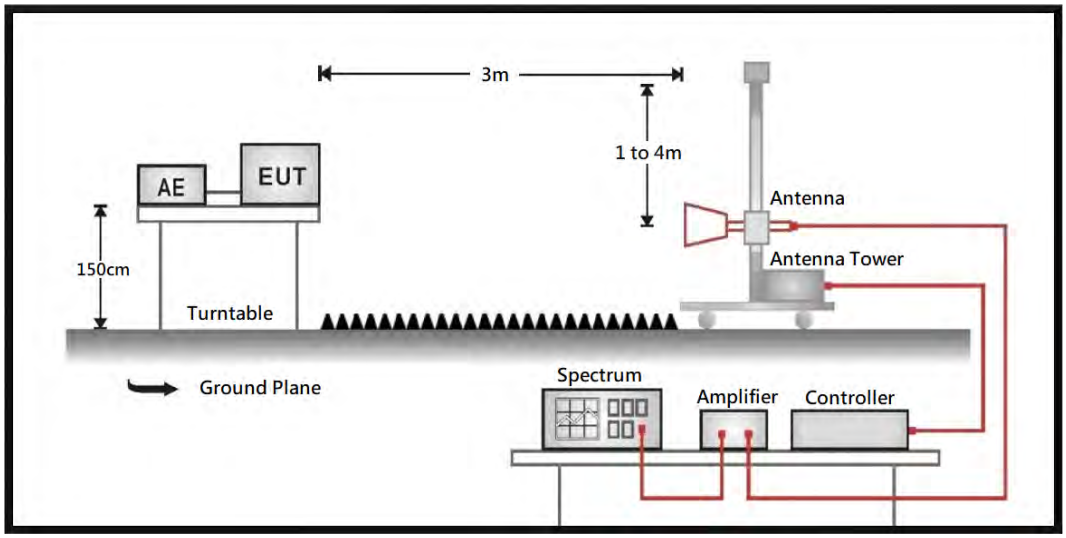
802.11n (40 MHz) / 2452 MHz / Ant.1





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.

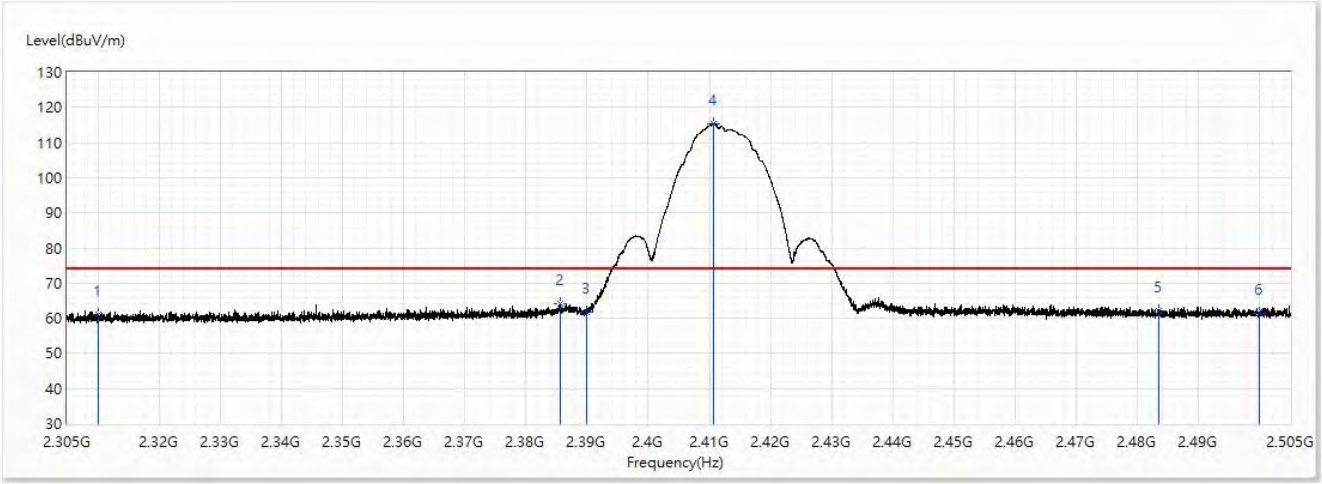
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11b / Ant. 0 + Ant. 1 / 2412MHz		

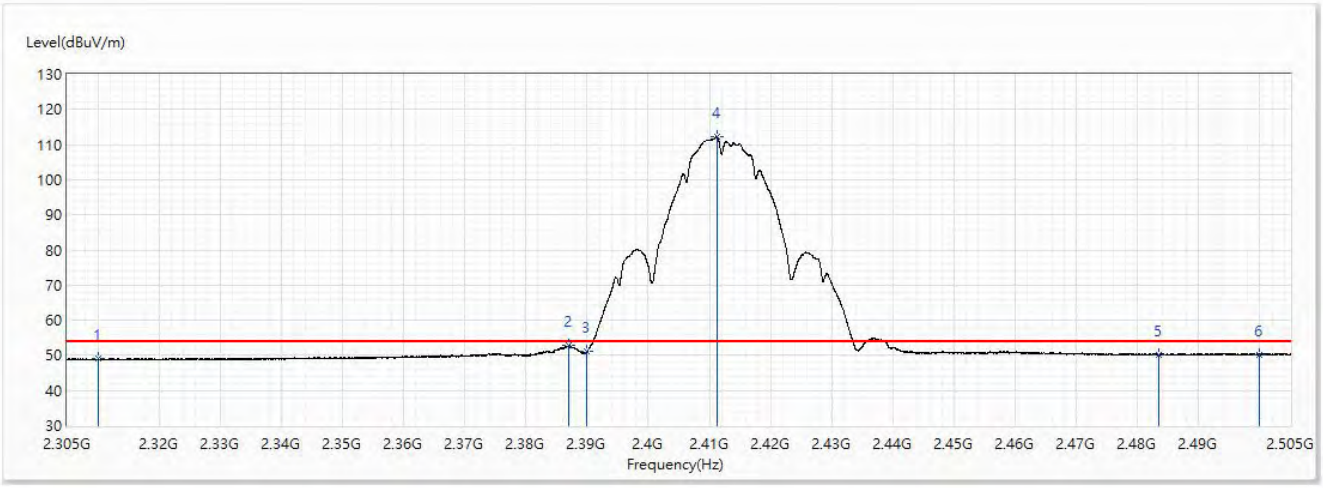


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	61.18	74.00	-12.82	49.64	11.54	PK
2	2385.7	64.03	74.00	-9.97	52.06	11.97	PK
3	2390	61.58	74.00	-12.42	49.59	11.99	PK
! 4	2410.675	115.45	74.00	41.45	103.34	12.11	PK
5	2483.5	62.03	74.00	-11.97	49.53	12.50	PK
6	2500	61.50	74.00	-12.50	48.91	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11b / Ant. 0 + Ant. 1 / 2412MHz		

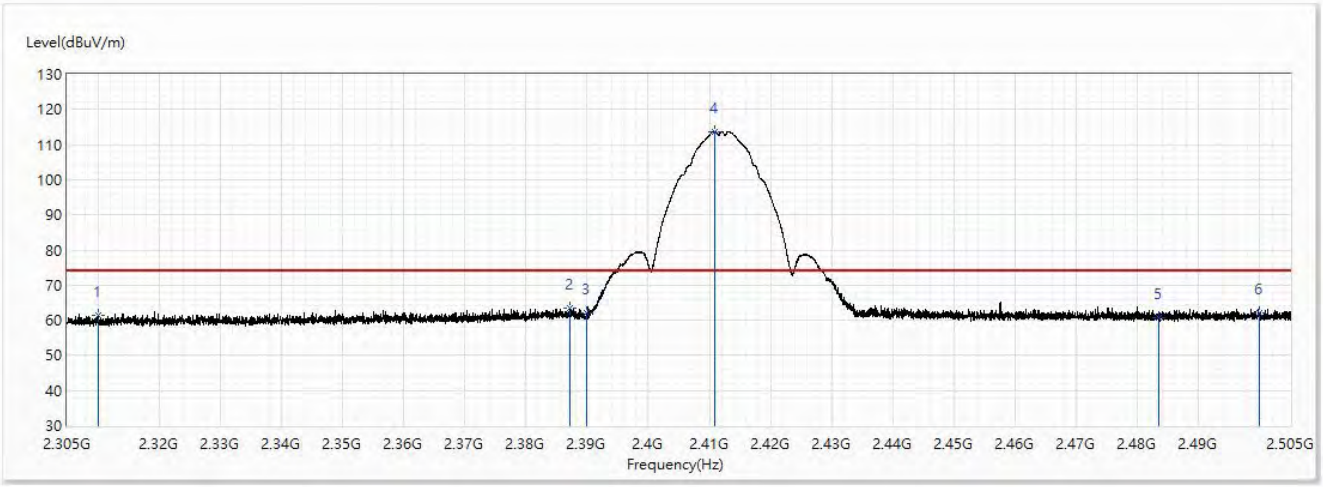


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	49.00	54.00	-5.00	37.46	11.54	AV
2	2387.075	52.84	54.00	-1.16	40.87	11.97	AV
3	2390	51.02	54.00	-2.98	39.03	11.99	AV
! 4	2411.175	112.16	54.00	58.16	100.05	12.11	AV
5	2483.5	50.08	54.00	-3.92	37.58	12.50	AV
6	2500	50.21	54.00	-3.79	37.62	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11b / Ant. 0 + Ant. 1 / 2412MHz		

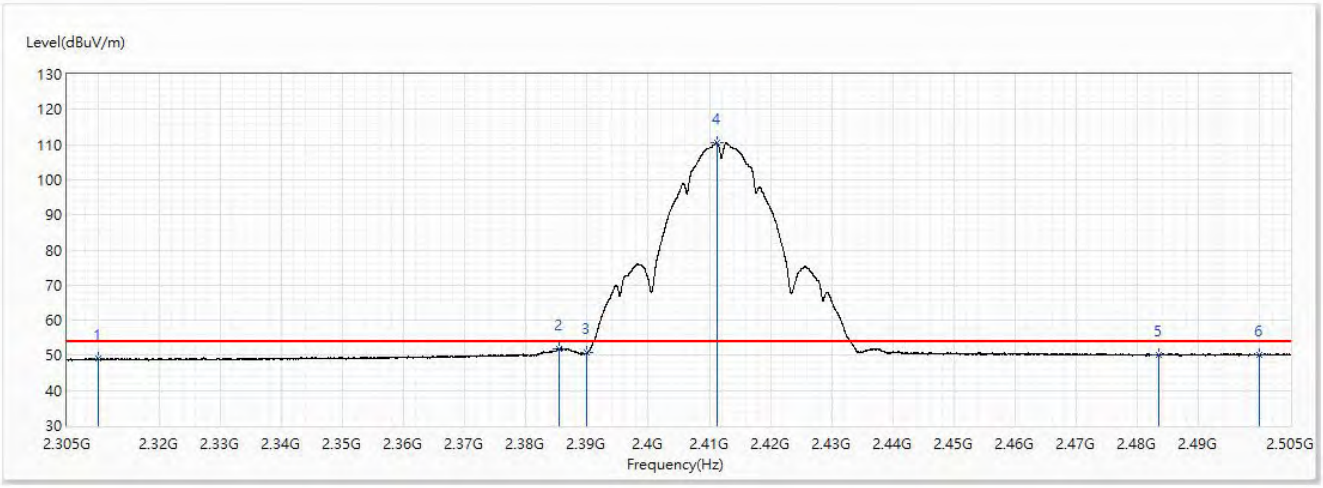


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	61.53	74.00	-12.47	49.99	11.54	PK
2	2387.25	63.47	74.00	-10.53	51.50	11.97	PK
3	2390	62.01	74.00	-11.99	50.02	11.99	PK
! 4	2410.8	113.71	74.00	39.71	101.60	12.11	PK
5	2483.5	60.71	74.00	-13.29	48.21	12.50	PK
6	2500	62.01	74.00	-11.99	49.42	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11b / Ant. 0 + Ant. 1 / 2412MHz		

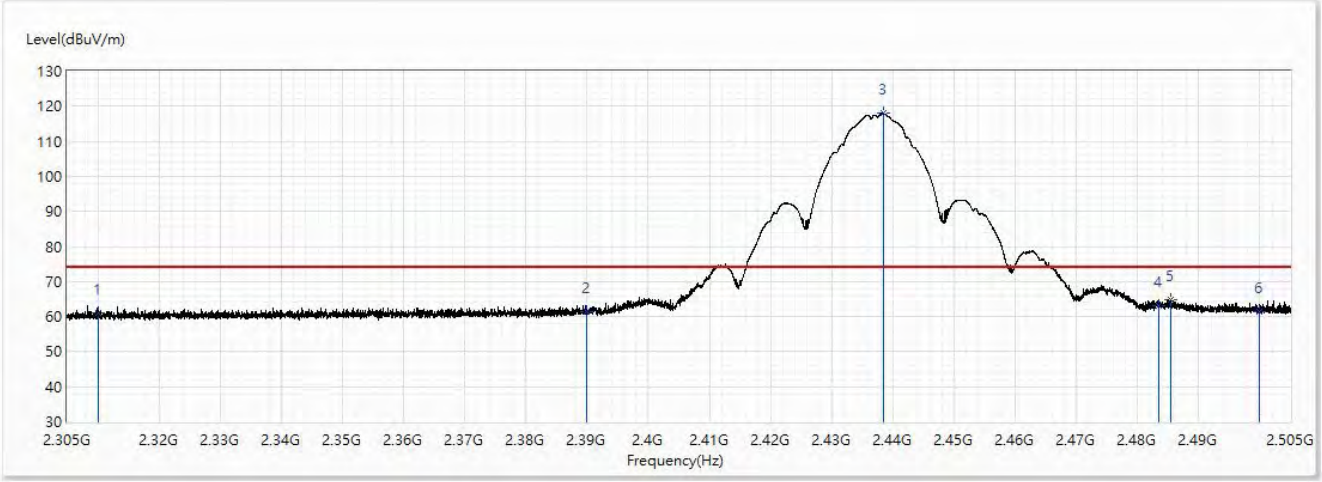


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	48.96	54.00	-5.04	37.42	11.54	AV
2	2385.525	52.01	54.00	-1.99	40.04	11.97	AV
3	2390	50.71	54.00	-3.29	38.72	11.99	AV
! 4	2411.2	110.64	54.00	56.64	98.53	12.11	AV
5	2483.5	50.08	54.00	-3.92	37.58	12.50	AV
6	2500	50.08	54.00	-3.92	37.49	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11b / Ant. 0 + Ant. 1 / 2437MHz		

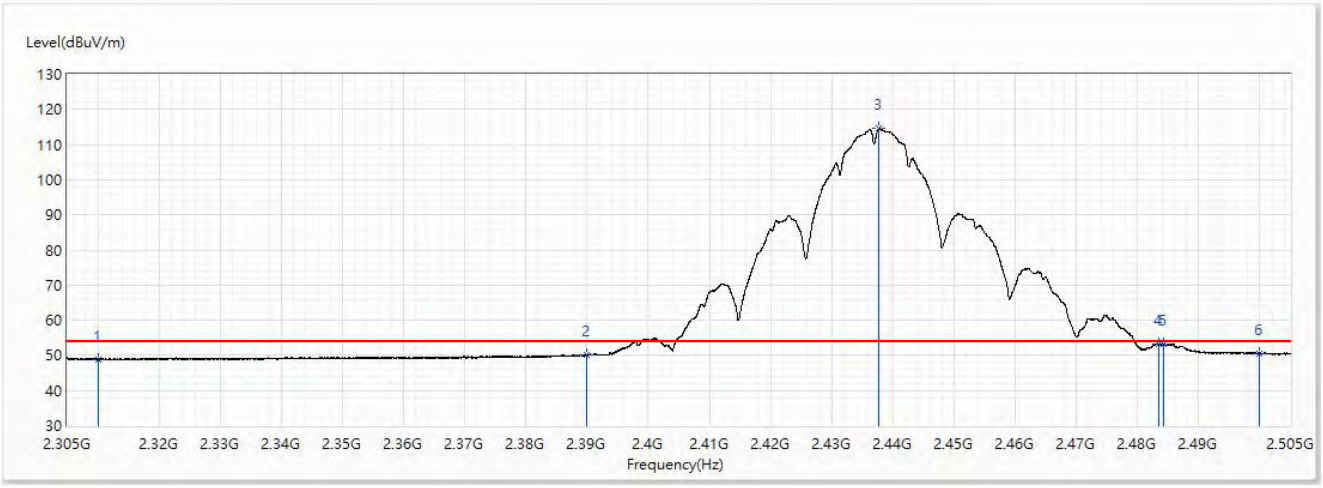


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	61.09	74.00	-12.91	49.55	11.54	PK
2	2390	61.25	74.00	-12.75	49.26	11.99	PK
! 3	2438.45	118.11	74.00	44.11	105.86	12.25	PK
4	2483.5	62.96	74.00	-11.04	50.46	12.50	PK
5	2485.4	64.84	74.00	-9.16	52.34	12.50	PK
6	2500	61.35	74.00	-12.65	48.76	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11b / Ant. 0 + Ant. 1 / 2437MHz		

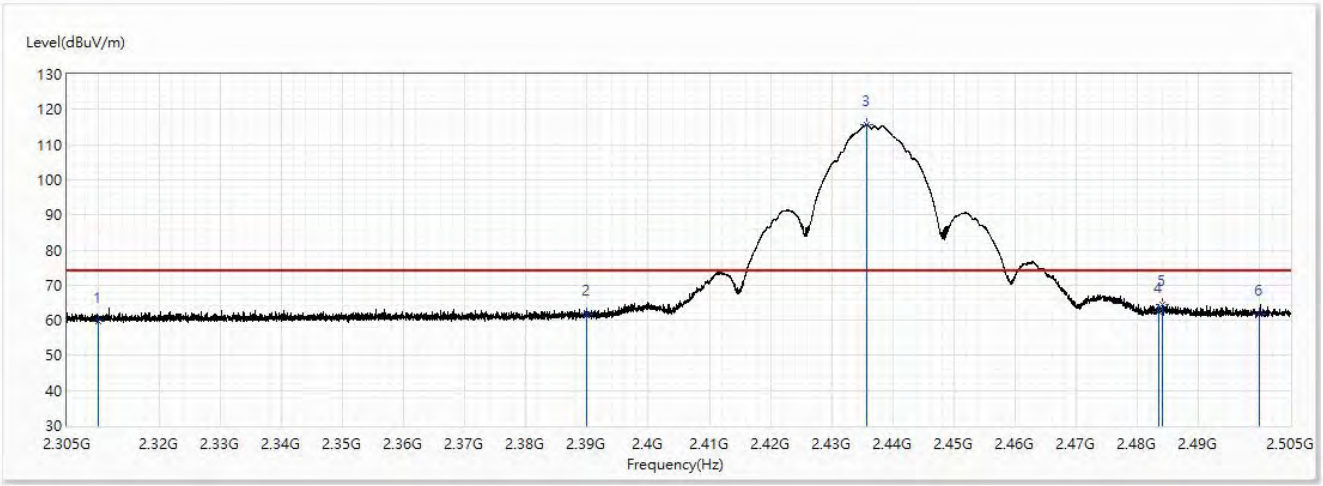


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	48.88	54.00	-5.12	37.34	11.54	AV
2	2390	50.07	54.00	-3.93	38.08	11.99	AV
! 3	2437.75	114.68	54.00	60.68	102.43	12.25	AV
4	2483.5	53.15	54.00	-0.85	40.65	12.50	AV
5	2484.3	53.10	54.00	-0.90	40.60	12.50	AV
6	2500	50.62	54.00	-3.38	38.03	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11b / Ant. 0 + Ant. 1 / 2437MHz		

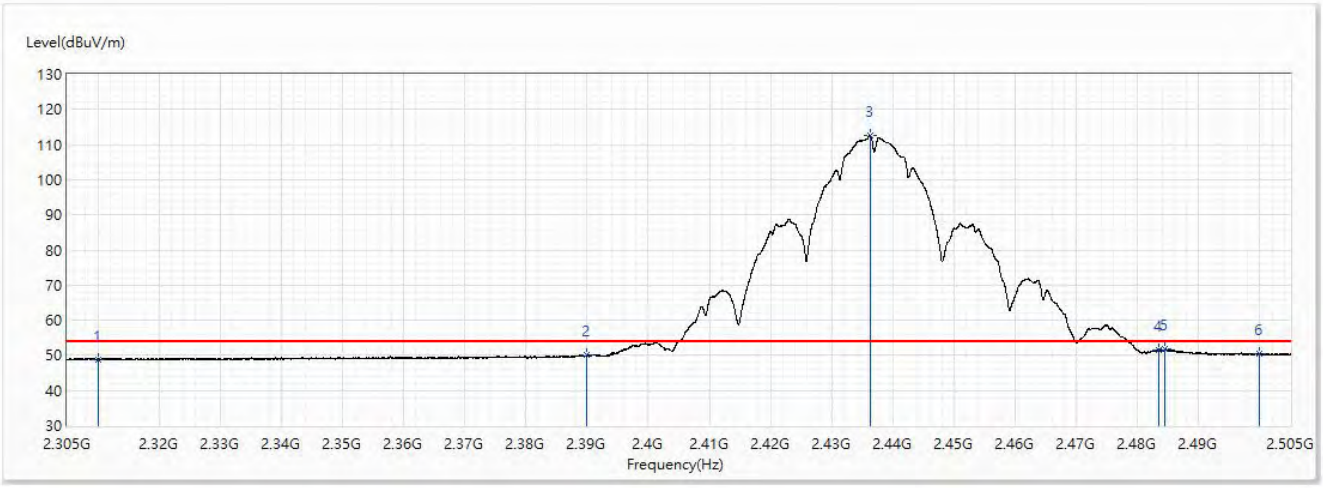


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	59.84	74.00	-14.16	48.30	11.54	PK
2	2390	61.89	74.00	-12.11	49.90	11.99	PK
! 3	2435.775	115.64	74.00	41.64	103.39	12.25	PK
4	2483.5	62.58	74.00	-11.42	50.08	12.50	PK
5	2484.025	64.59	74.00	-9.41	52.09	12.50	PK
6	2500	61.74	74.00	-12.26	49.15	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11b / Ant. 0 + Ant. 1 / 2437MHz		

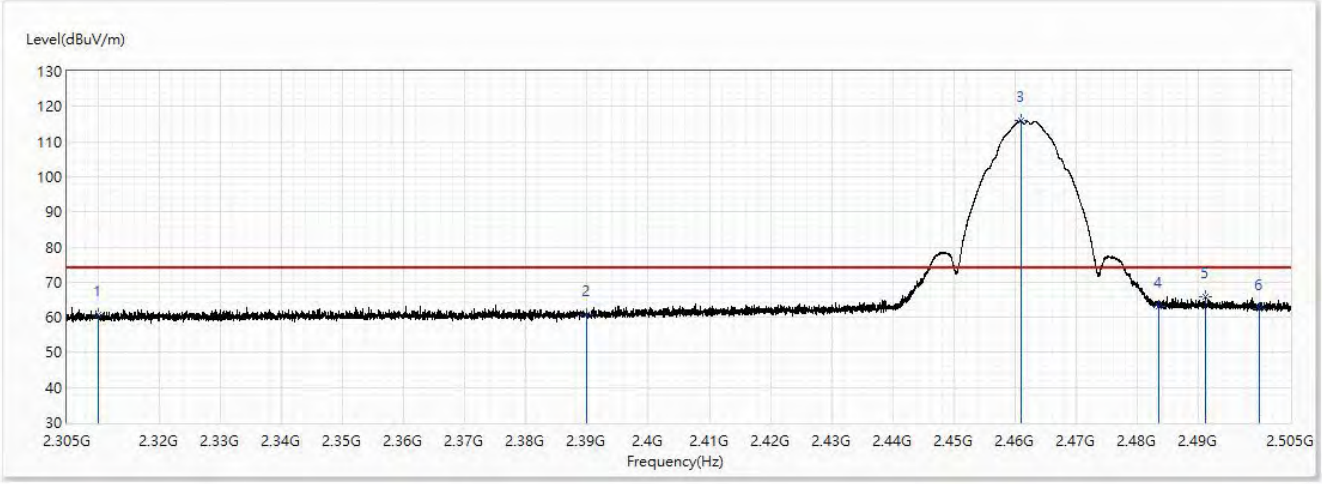


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	48.90	54.00	-5.10	37.36	11.54	AV
2	2390	50.12	54.00	-3.88	38.13	11.99	AV
! 3	2436.225	112.43	54.00	58.43	100.18	12.25	AV
4	2483.5	51.35	54.00	-2.65	38.85	12.50	AV
5	2484.525	51.78	54.00	-2.22	39.28	12.50	AV
6	2500	50.52	54.00	-3.48	37.93	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11b / Ant. 0 + Ant. 1 / 2462MHz		

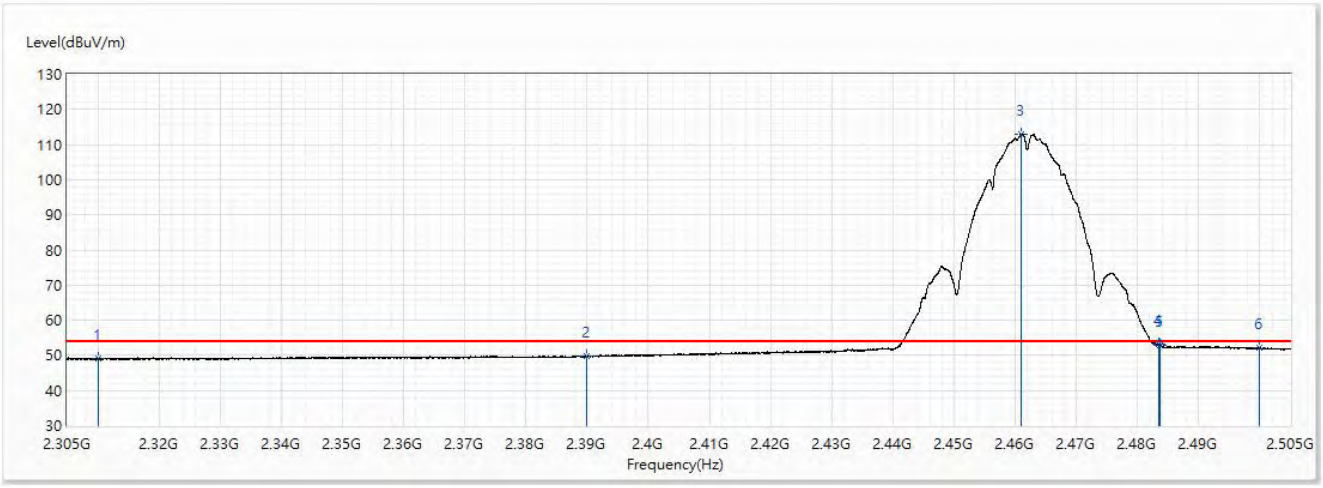


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	60.69	74.00	-13.31	49.15	11.54	PK
2	2390	60.71	74.00	-13.29	48.72	11.99	PK
! 3	2460.9	115.86	74.00	41.86	103.49	12.37	PK
4	2483.5	62.95	74.00	-11.05	50.45	12.50	PK
5	2491.1	65.75	74.00	-8.25	53.21	12.54	PK
6	2500	62.58	74.00	-11.42	49.99	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11b / Ant. 0 + Ant. 1 / 2462MHz		

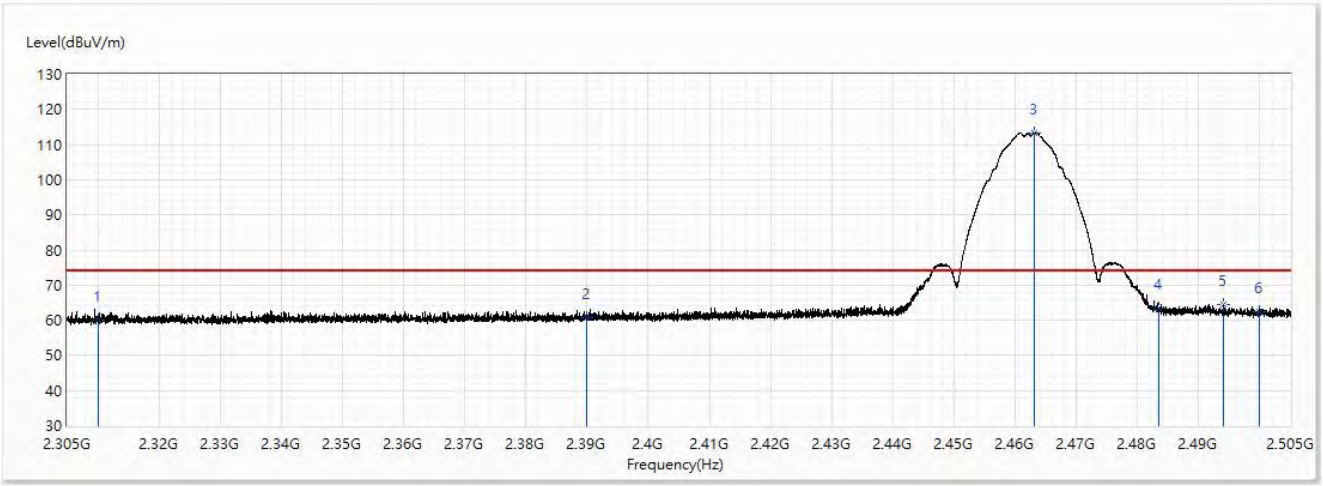


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	49.04	54.00	-4.96	37.50	11.54	AV
2	2390	49.71	54.00	-4.29	37.72	11.99	AV
! 3	2460.975	113.08	54.00	59.08	100.71	12.37	AV
4	2483.5	53.11	54.00	-0.89	40.61	12.50	AV
5	2483.6	52.84	54.00	-1.16	40.34	12.50	AV
6	2500	52.06	54.00	-1.94	39.47	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11b / Ant. 0 + Ant. 1 / 2462MHz		

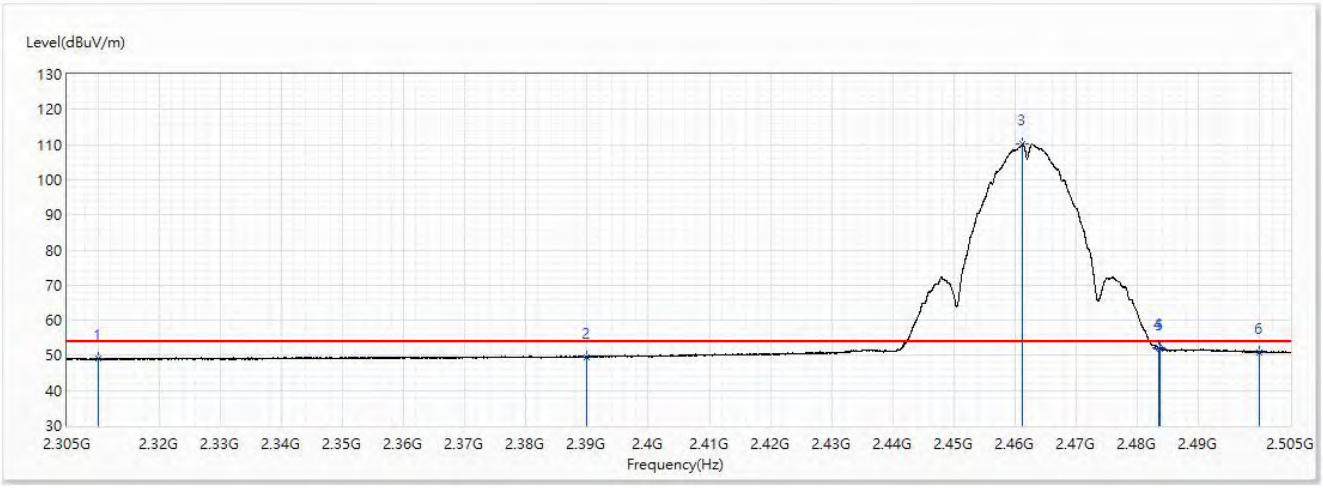


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	59.97	74.00	-14.03	48.43	11.54	PK
2	2390	60.85	74.00	-13.15	48.86	11.99	PK
! 3	2463.175	113.42	74.00	39.42	101.03	12.39	PK
4	2483.5	63.29	74.00	-10.71	50.79	12.50	PK
5	2494	64.42	74.00	-9.58	51.86	12.56	PK
6	2500	62.46	74.00	-11.54	49.87	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11b / Ant. 0 + Ant. 1 / 2462MHz		

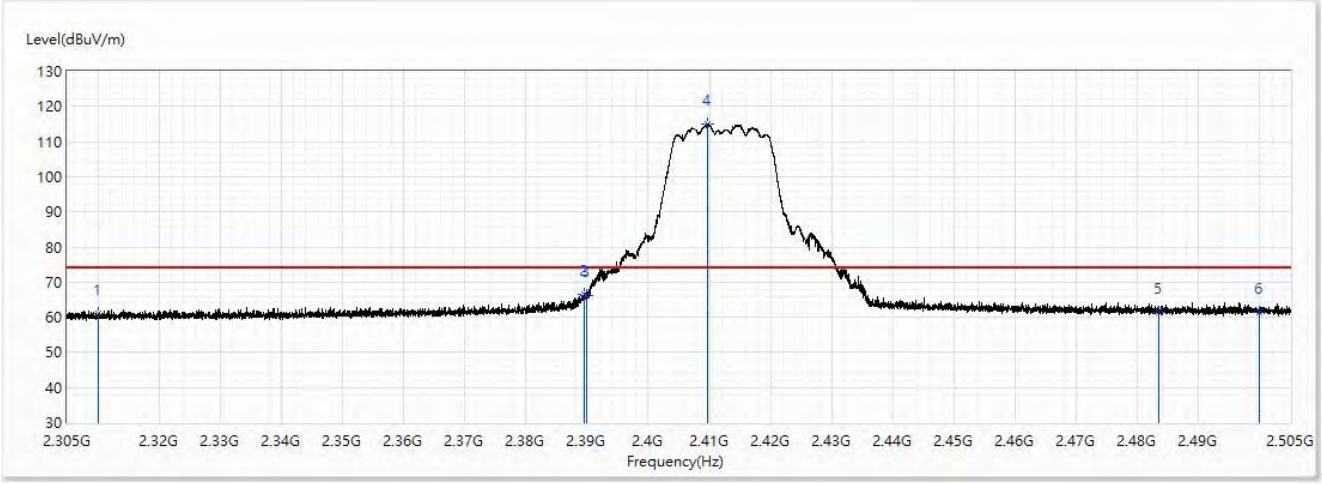


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	48.97	54.00	-5.03	37.43	11.54	AV
2	2390	49.57	54.00	-4.43	37.58	11.99	AV
! 3	2461.2	110.20	54.00	56.20	97.83	12.37	AV
4	2483.5	52.03	54.00	-1.97	39.53	12.50	AV
5	2483.6	51.95	54.00	-2.05	39.45	12.50	AV
6	2500	50.91	54.00	-3.09	38.32	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11g / Ant. 0 + Ant. 1 / 2412MHz		

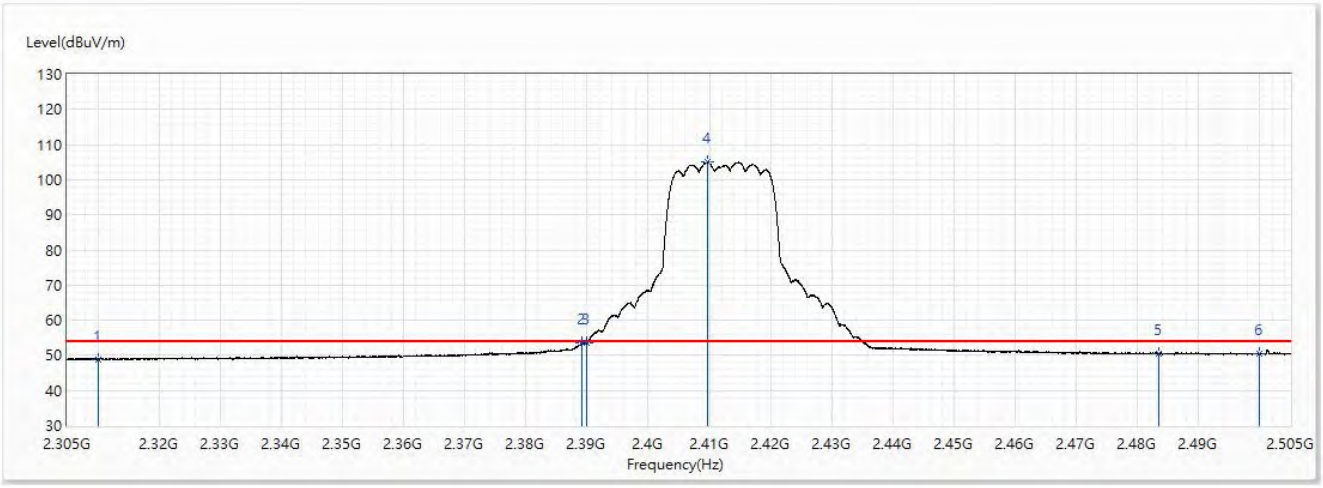


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	60.98	74.00	-13.02	49.44	11.54	PK
2	2389.625	66.49	74.00	-7.51	54.50	11.99	PK
3	2390	66.19	74.00	-7.81	54.20	11.99	PK
! 4	2409.675	114.92	74.00	40.92	102.83	12.09	PK
5	2483.5	61.35	74.00	-12.65	48.85	12.50	PK
6	2500	61.46	74.00	-12.54	48.87	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11g / Ant. 0 + Ant. 1 / 2412MHz		

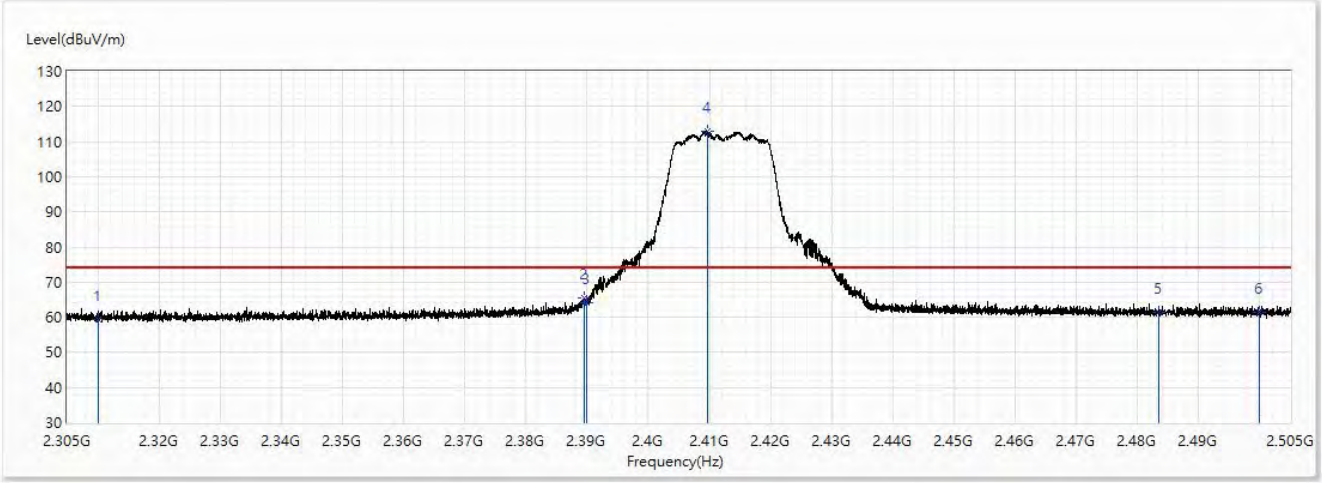


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	48.93	54.00	-5.07	37.39	11.54	AV
2	2389.125	53.45	54.00	-0.55	41.48	11.97	AV
3	2390	53.70	54.00	-0.30	41.71	11.99	AV
! 4	2409.75	105.02	54.00	51.02	92.93	12.09	AV
5	2483.5	50.52	54.00	-3.48	38.02	12.50	AV
6	2500	50.42	54.00	-3.58	37.83	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11g / Ant. 0 + Ant. 1 / 2412MHz		

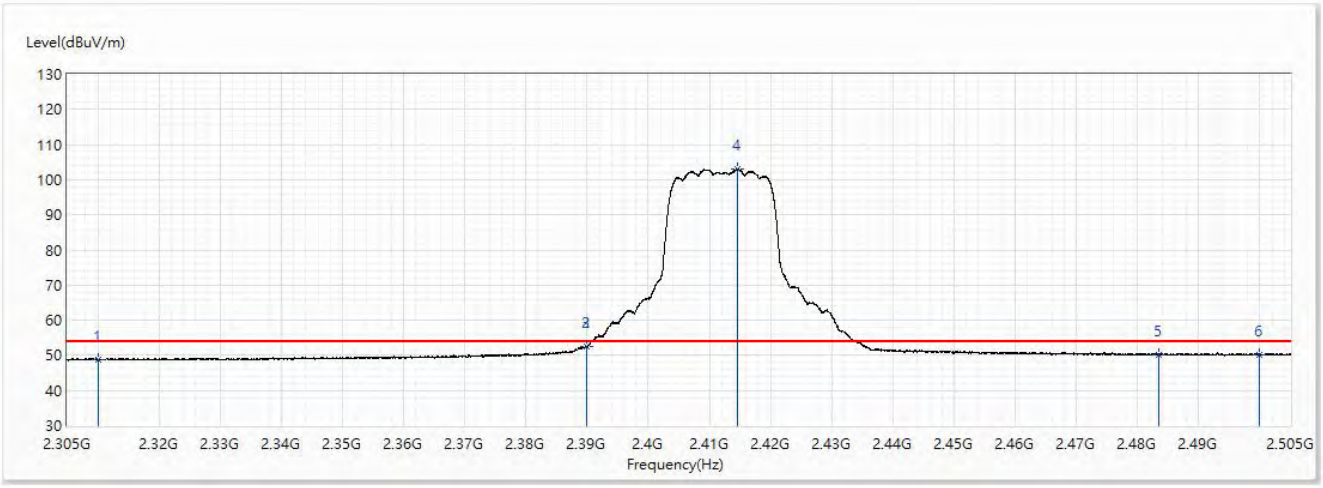


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	59.48	74.00	-14.52	47.94	11.54	PK
2	2389.5	65.53	74.00	-8.47	53.55	11.98	PK
3	2390	64.28	74.00	-9.72	52.29	11.99	PK
! 4	2409.625	113.09	74.00	39.09	101.00	12.09	PK
5	2483.5	61.48	74.00	-12.52	48.98	12.50	PK
6	2500	61.27	74.00	-12.73	48.68	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11g / Ant. 0 + Ant. 1 / 2412MHz		

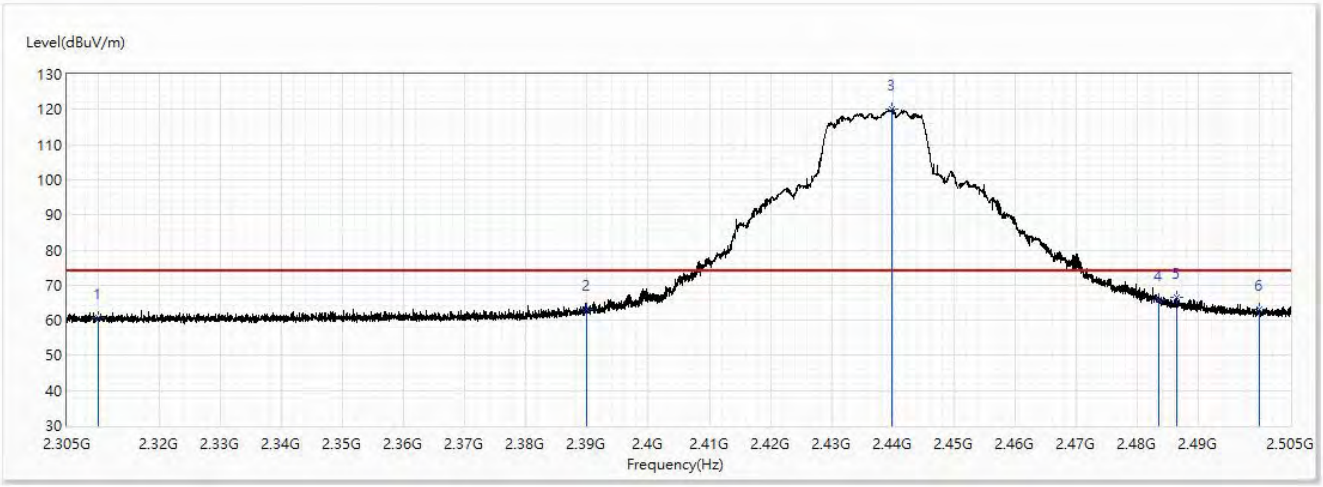


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	48.81	54.00	-5.19	37.27	11.54	AV
2	2389.9	52.41	54.00	-1.59	40.42	11.99	AV
3	2390	52.45	54.00	-1.55	40.46	11.99	AV
! 4	2414.65	103.04	54.00	49.04	90.92	12.12	AV
5	2483.5	50.17	54.00	-3.83	37.67	12.50	AV
6	2500	50.27	54.00	-3.73	37.68	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11g / Ant. 0 + Ant. 1 / 2437MHz		

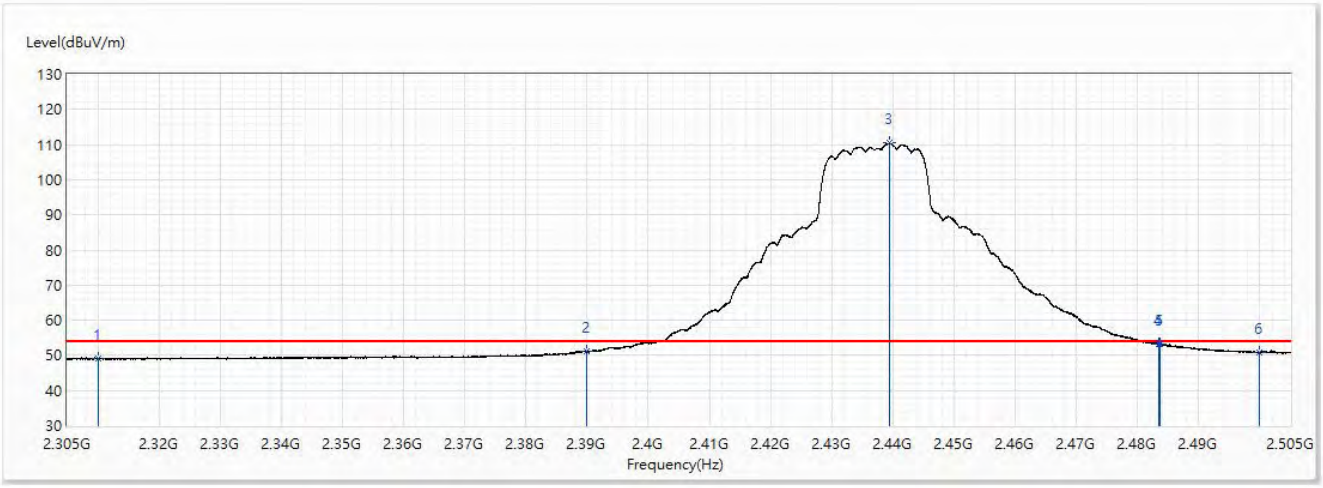


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	60.67	74.00	-13.33	49.13	11.54	PK
2	2390	63.00	74.00	-11.00	51.01	11.99	PK
! 3	2439.9	119.97	74.00	45.97	107.71	12.26	PK
4	2483.5	66.00	74.00	-8.00	53.50	12.50	PK
5	2486.425	66.56	74.00	-7.44	54.05	12.51	PK
6	2500	63.05	74.00	-10.95	50.46	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11g / Ant. 0 + Ant. 1 / 2437MHz		

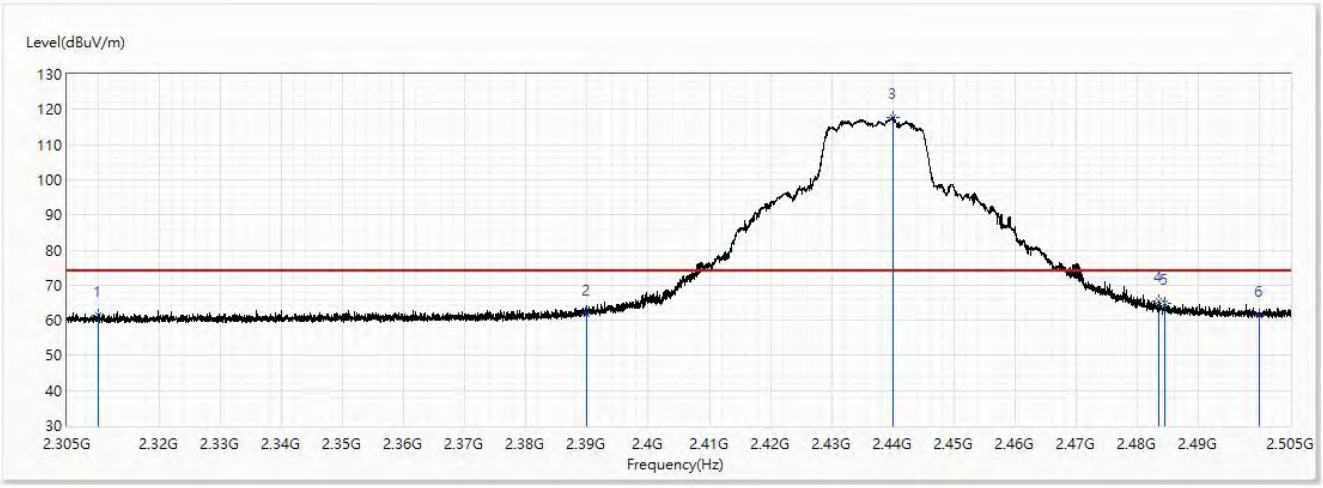


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	49.17	54.00	-4.83	37.63	11.54	AV
2	2390	51.04	54.00	-2.96	39.05	11.99	AV
! 3	2439.5	110.42	54.00	56.42	98.17	12.25	AV
4	2483.5	53.30	54.00	-0.70	40.80	12.50	AV
5	2483.6	53.05	54.00	-0.95	40.55	12.50	AV
6	2500	50.84	54.00	-3.16	38.25	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11g / Ant. 0 + Ant. 1 / 2437MHz		

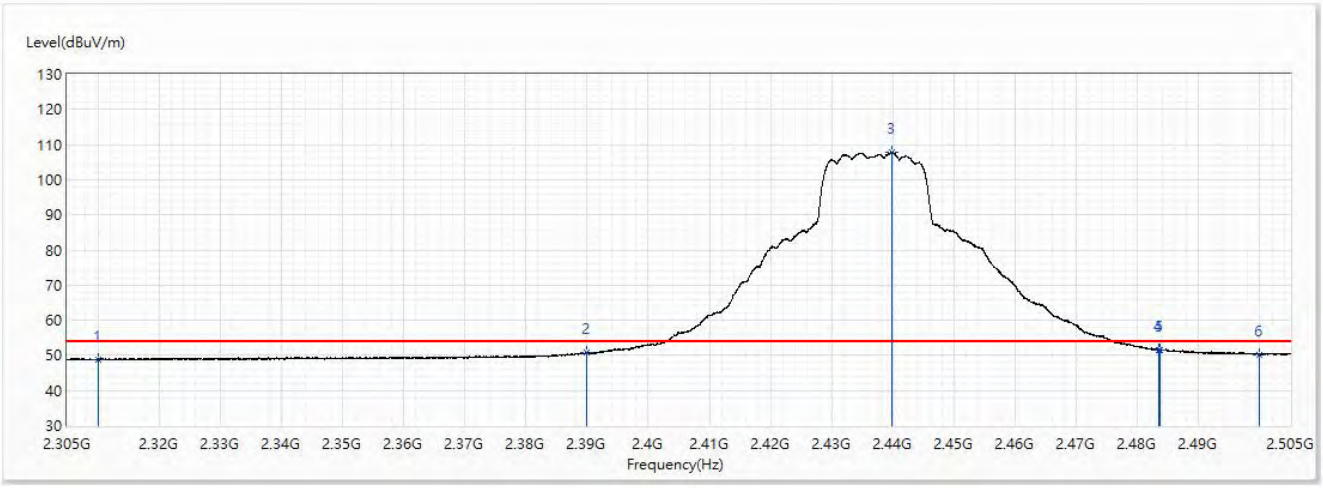


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	61.25	74.00	-12.75	49.71	11.54	PK
2	2390	61.84	74.00	-12.16	49.85	11.99	PK
! 3	2439.975	117.82	74.00	43.82	105.56	12.26	PK
4	2483.5	65.33	74.00	-8.67	52.83	12.50	PK
5	2484.375	64.94	74.00	-9.06	52.44	12.50	PK
6	2500	61.56	74.00	-12.44	48.97	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11g / Ant. 0 + Ant. 1 / 2437MHz		

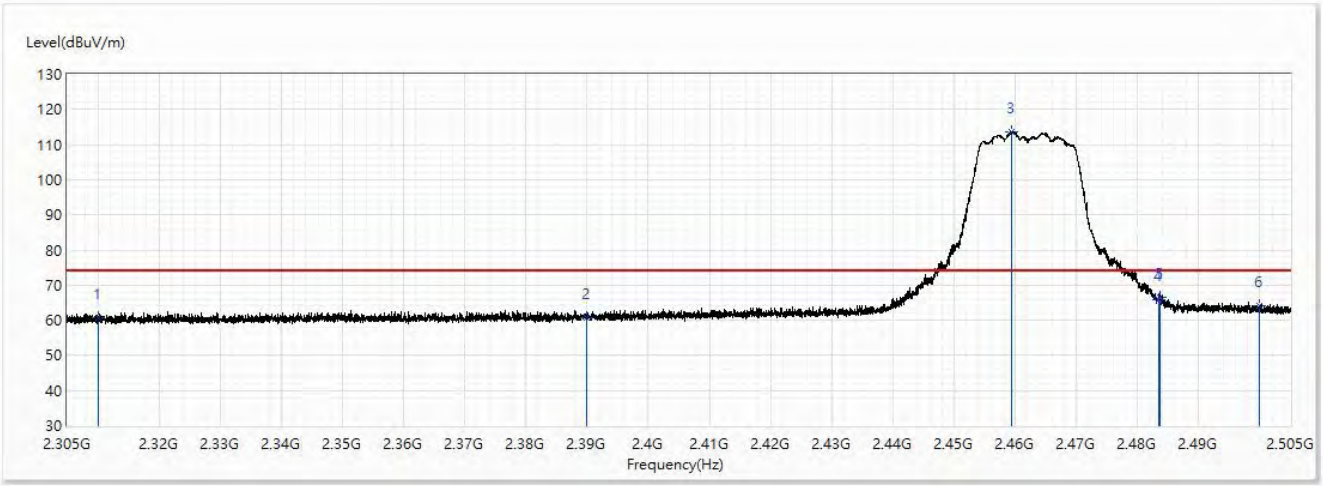


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	48.88	54.00	-5.12	37.34	11.54	AV
2	2390	50.78	54.00	-3.22	38.79	11.99	AV
! 3	2439.875	107.70	54.00	53.70	95.44	12.26	AV
4	2483.5	51.49	54.00	-2.51	38.99	12.50	AV
5	2483.6	51.36	54.00	-2.64	38.86	12.50	AV
6	2500	50.27	54.00	-3.73	37.68	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11g / Ant. 0 + Ant. 1 / 2462MHz		

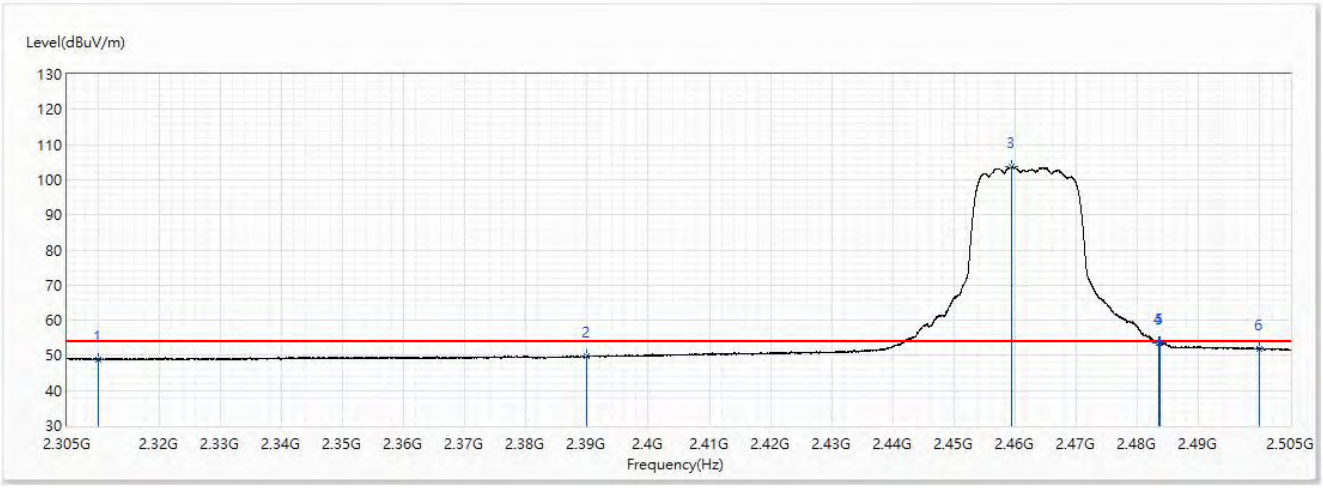


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	60.59	74.00	-13.41	49.05	11.54	PK
2	2390	60.60	74.00	-13.40	48.61	11.99	PK
! 3	2459.4	113.57	74.00	39.57	101.21	12.36	PK
4	2483.5	65.73	74.00	-8.27	53.23	12.50	PK
5	2483.6	66.55	74.00	-7.45	54.05	12.50	PK
6	2500	63.98	74.00	-10.02	51.39	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11g / Ant. 0 + Ant. 1 / 2462MHz		

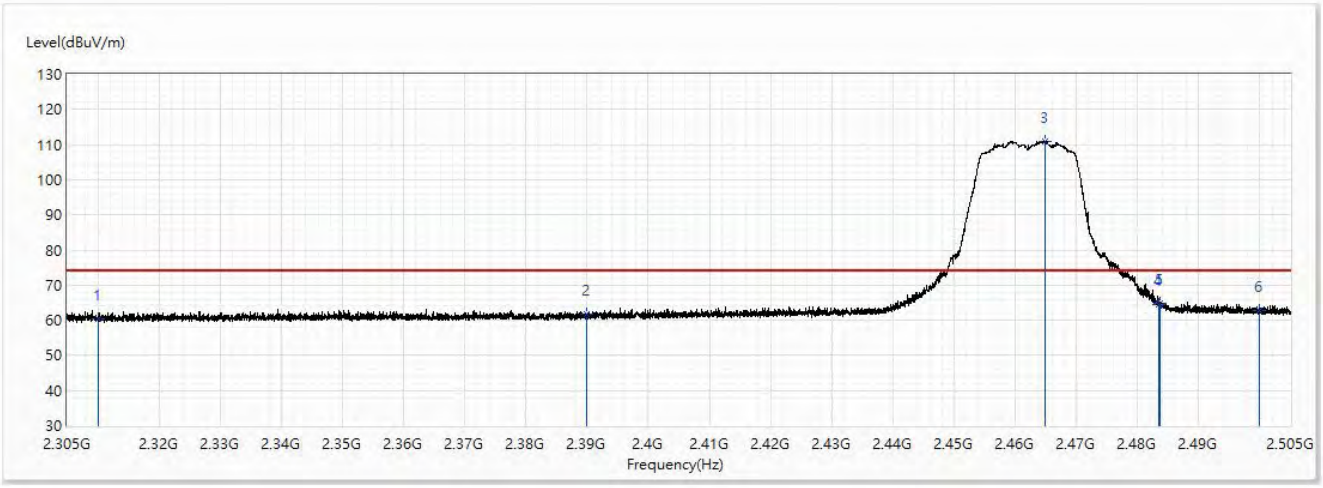


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	48.91	54.00	-5.09	37.37	11.54	AV
2	2390	49.64	54.00	-4.36	37.65	11.99	AV
! 3	2459.375	103.63	54.00	49.63	91.27	12.36	AV
4	2483.5	53.70	54.00	-0.30	41.20	12.50	AV
5	2483.6	53.51	54.00	-0.49	41.01	12.50	AV
6	2500	51.81	54.00	-2.19	39.22	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11g / Ant. 0 + Ant. 1 / 2462MHz		

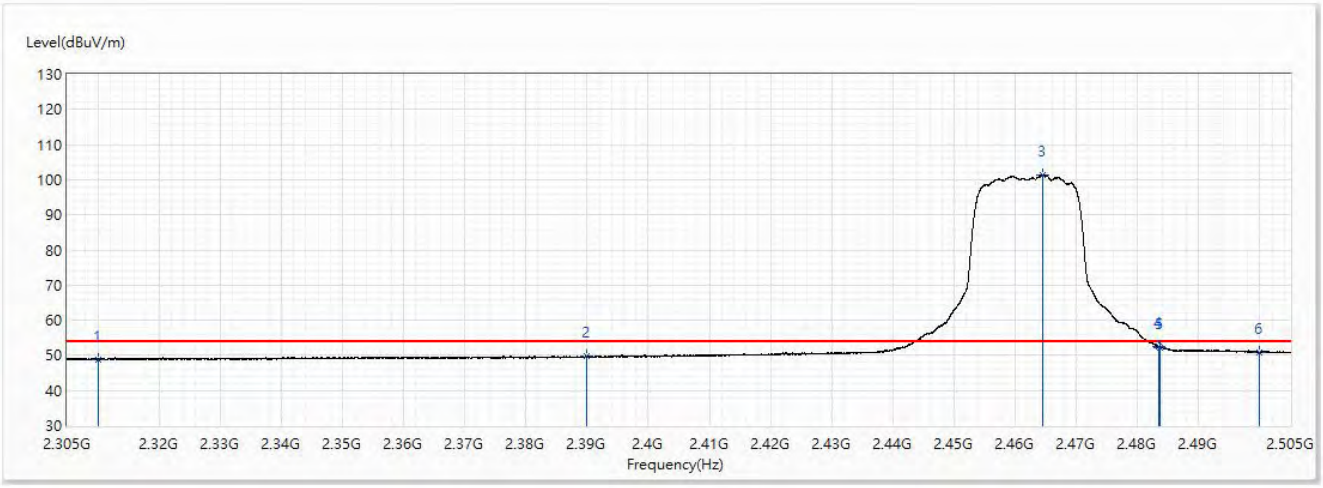


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	60.27	74.00	-13.73	48.73	11.54	PK
2	2390	61.81	74.00	-12.19	49.82	11.99	PK
! 3	2464.95	111.01	74.00	37.01	98.61	12.40	PK
4	2483.5	64.36	74.00	-9.64	51.86	12.50	PK
5	2483.6	64.78	74.00	-9.22	52.28	12.50	PK
6	2500	62.74	74.00	-11.26	50.15	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11g / Ant. 0 + Ant. 1 / 2462MHz		

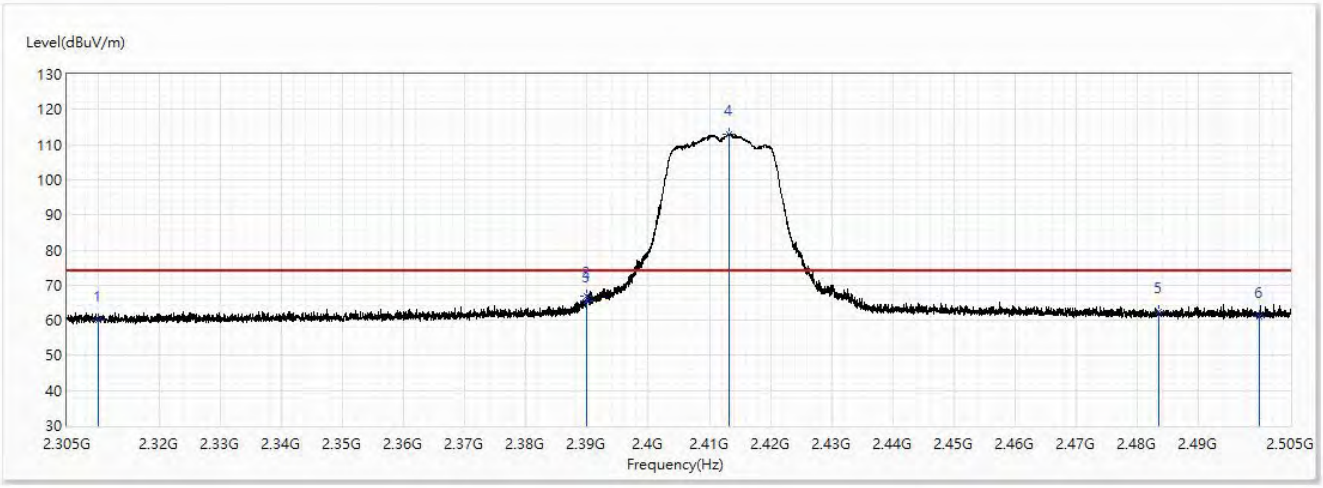


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	48.88	54.00	-5.12	37.34	11.54	AV
2	2390	49.67	54.00	-4.33	37.68	11.99	AV
! 3	2464.475	101.34	54.00	47.34	88.95	12.39	AV
4	2483.5	52.52	54.00	-1.48	40.02	12.50	AV
5	2483.6	52.35	54.00	-1.65	39.85	12.50	AV
6	2500	50.92	54.00	-3.08	38.33	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11n (20MHz) / Ant. 0 + Ant. 1 / 2412MHz		

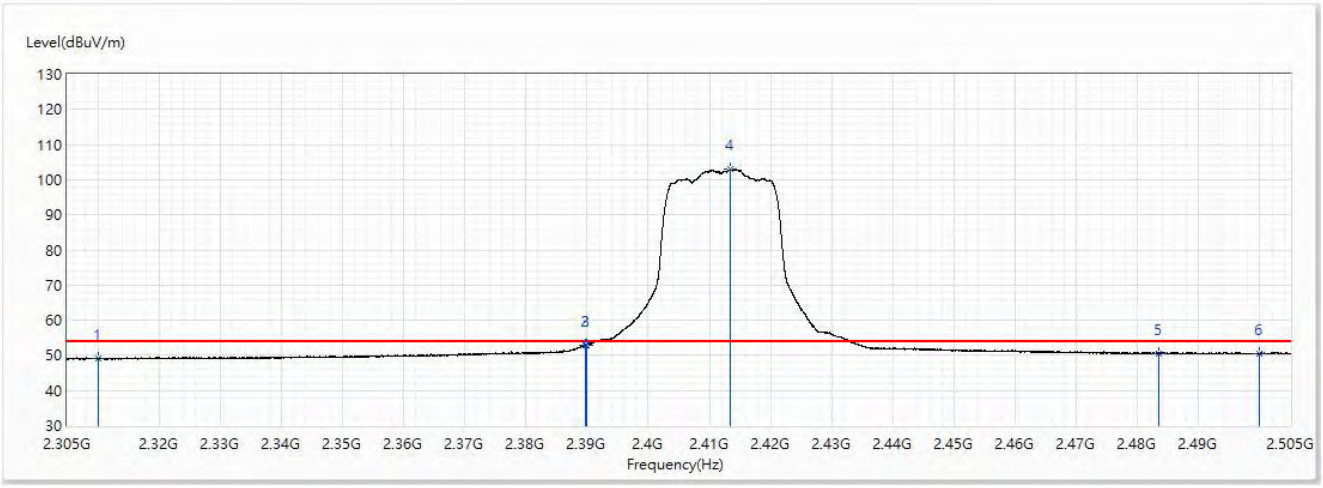


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	59.96	74.00	-14.04	48.42	11.54	PK
2	2389.925	66.91	74.00	-7.09	54.92	11.99	PK
3	2390	65.48	74.00	-8.52	53.49	11.99	PK
! 4	2413.225	112.95	74.00	38.95	100.84	12.11	PK
5	2483.5	62.26	74.00	-11.74	49.76	12.50	PK
6	2500	61.09	74.00	-12.91	48.50	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11n (20MHz) / Ant. 0 + Ant. 1 / 2412MHz		

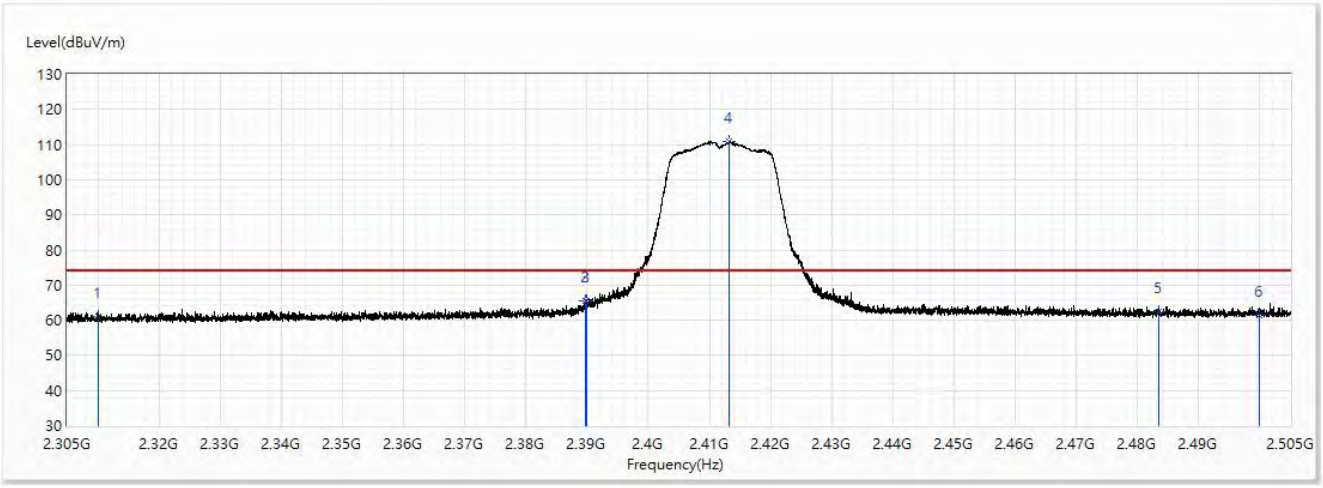


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	49.12	54.00	-4.88	37.58	11.54	AV
2	2389.7	52.99	54.00	-1.01	41.00	11.99	AV
3	2390	53.03	54.00	-0.97	41.04	11.99	AV
! 4	2413.45	102.92	54.00	48.92	90.81	12.11	AV
5	2483.5	50.56	54.00	-3.44	38.06	12.50	AV
6	2500	50.64	54.00	-3.36	38.05	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11n (20MHz) / Ant. 0 + Ant. 1 / 2.412MHz		

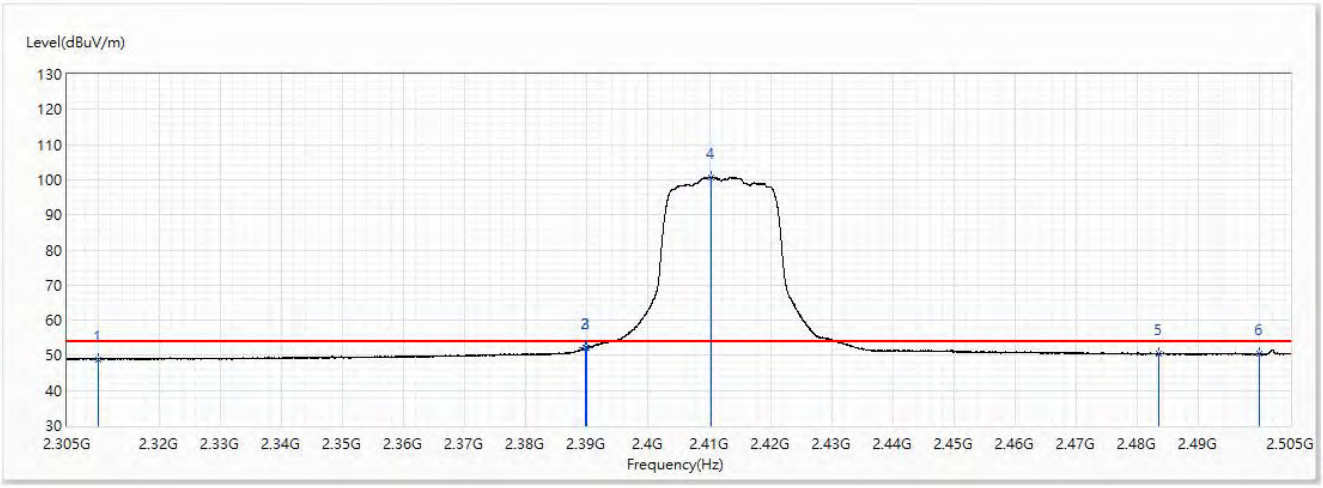


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	61.09	74.00	-12.91	49.55	11.54	PK
2	2389.7	65.36	74.00	-8.64	53.37	11.99	PK
3	2390	65.44	74.00	-8.56	53.45	11.99	PK
! 4	2413.25	110.80	74.00	36.80	98.69	12.11	PK
5	2483.5	62.43	74.00	-11.57	49.93	12.50	PK
6	2500	61.33	74.00	-12.67	48.74	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11n (20MHz) / Ant. 0 + Ant. 1 / 2412MHz		

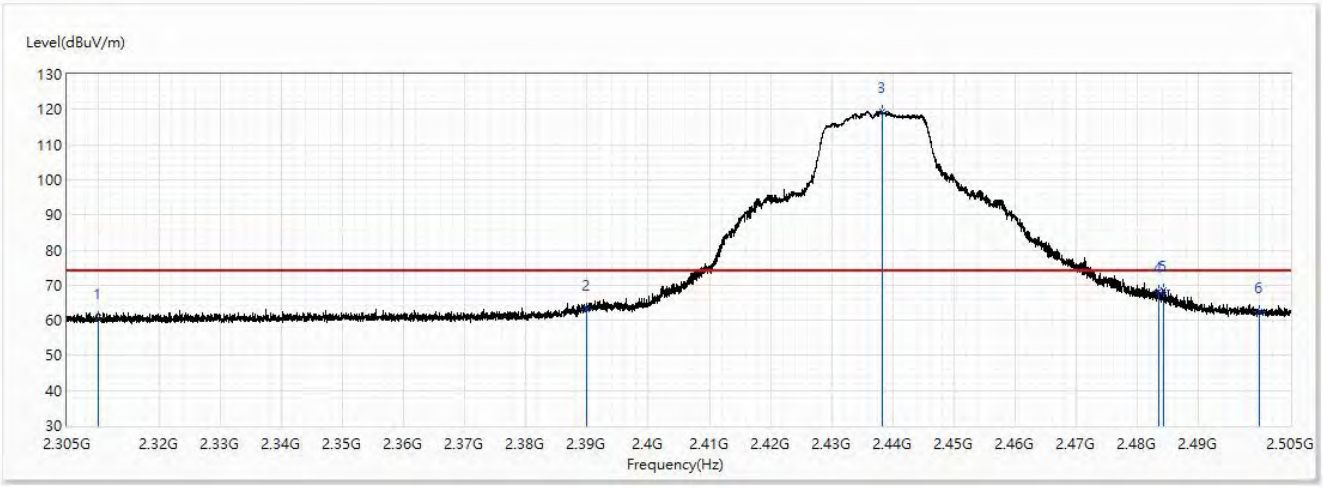


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	48.93	54.00	-5.07	37.39	11.54	AV
2	2389.7	52.02	54.00	-1.98	40.03	11.99	AV
3	2390	52.10	54.00	-1.90	40.11	11.99	AV
! 4	2410.225	100.78	54.00	46.78	88.68	12.10	AV
5	2483.5	50.37	54.00	-3.63	37.87	12.50	AV
6	2500	50.47	54.00	-3.53	37.88	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11n (20MHz) / Ant. 0 + Ant. 1 / 2437MHz		

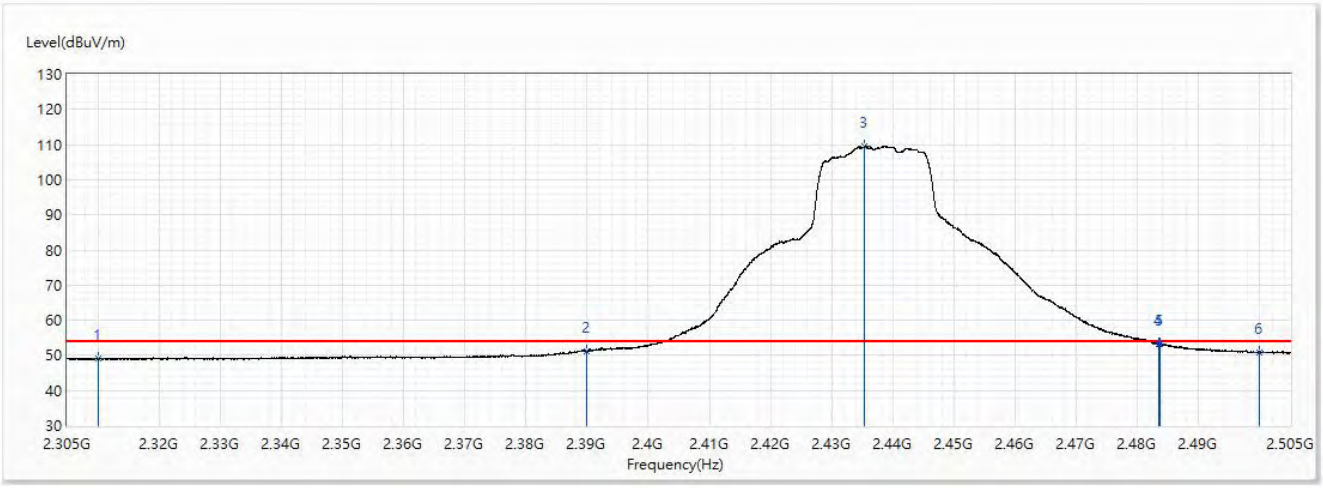


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	60.60	74.00	-13.40	49.06	11.54	PK
2	2390	63.17	74.00	-10.83	51.18	11.99	PK
! 3	2438.2	119.58	74.00	45.58	107.33	12.25	PK
4	2483.5	68.14	74.00	-5.86	55.64	12.50	PK
5	2484.175	68.57	74.00	-5.43	56.07	12.50	PK
6	2500	62.47	74.00	-11.53	49.88	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11n (20MHz) / Ant. 0 + Ant. 1 / 2437MHz		

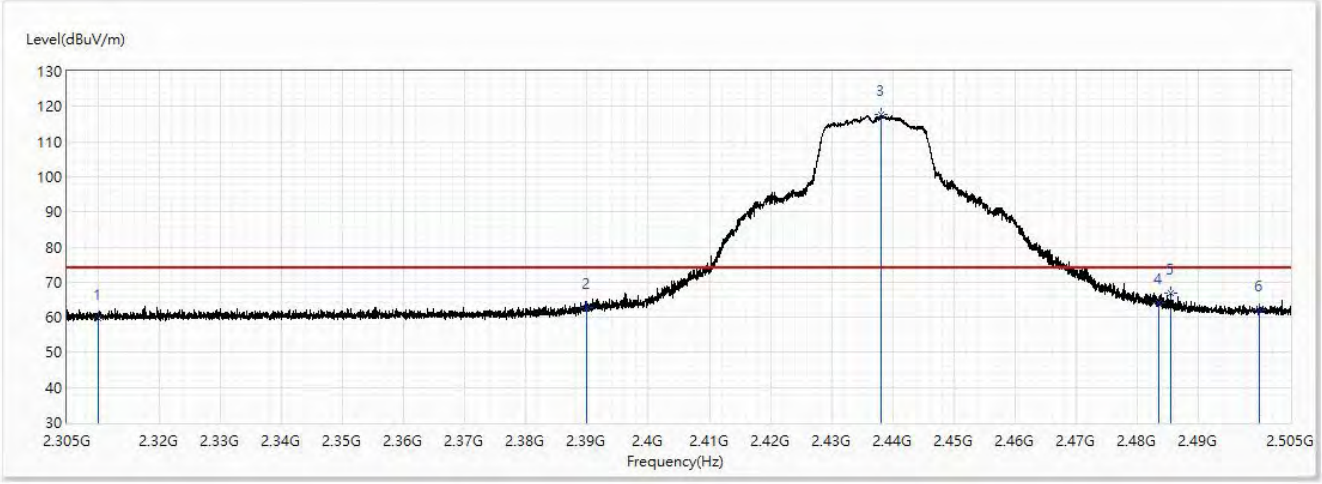


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	49.01	54.00	-4.99	37.47	11.54	AV
2	2390	51.32	54.00	-2.68	39.33	11.99	AV
! 3	2435.325	109.49	54.00	55.49	97.27	12.22	AV
4	2483.5	53.37	54.00	-0.63	40.87	12.50	AV
5	2483.6	53.35	54.00	-0.65	40.85	12.50	AV
6	2500	50.92	54.00	-3.08	38.33	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11n (20MHz) / Ant. 0 + Ant. 1 / 2437MHz		

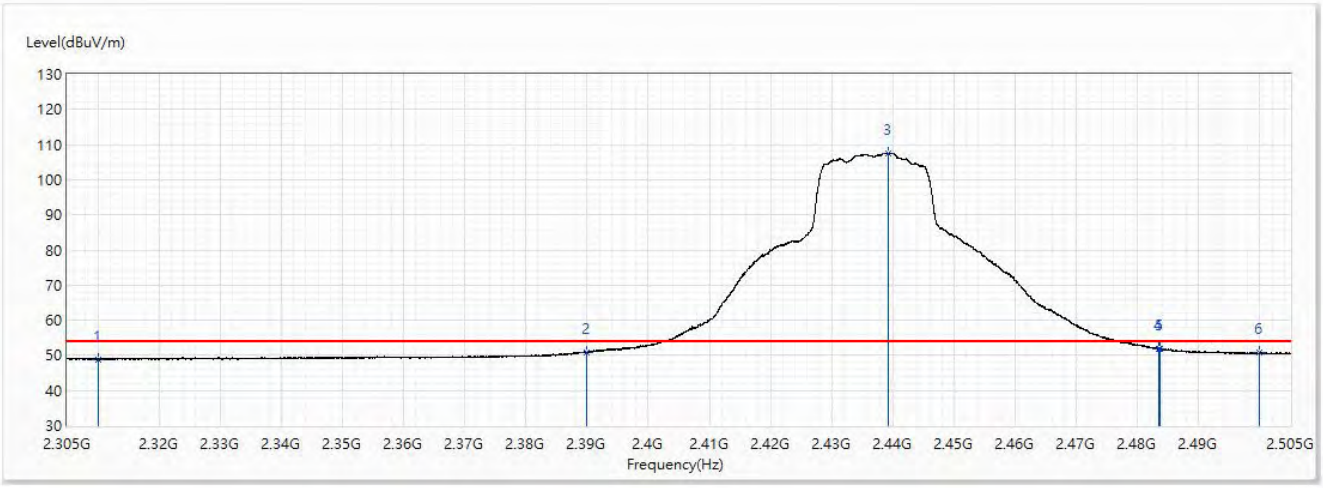


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	59.83	74.00	-14.17	48.29	11.54	PK
2	2390	62.78	74.00	-11.22	50.79	11.99	PK
! 3	2438.075	117.56	74.00	43.56	105.31	12.25	PK
4	2483.5	64.26	74.00	-9.74	51.76	12.50	PK
5	2485.35	66.77	74.00	-7.23	54.27	12.50	PK
6	2500	62.21	74.00	-11.79	49.62	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11n (20MHz) / Ant. 0 + Ant. 1 / 2437MHz		

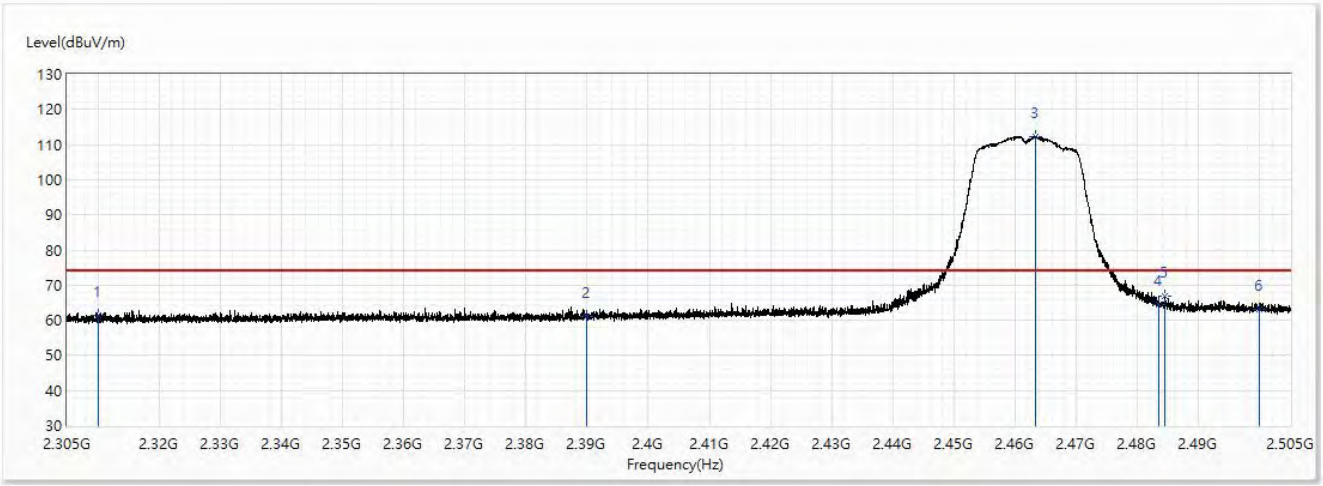


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	48.91	54.00	-5.09	37.37	11.54	AV
2	2390	50.97	54.00	-3.03	38.98	11.99	AV
! 3	2439.25	107.57	54.00	53.57	95.32	12.25	AV
4	2483.5	51.83	54.00	-2.17	39.33	12.50	AV
5	2483.6	51.85	54.00	-2.15	39.35	12.50	AV
6	2500	50.65	54.00	-3.35	38.06	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11n (20MHz) / Ant. 0 + Ant. 1 / 2462MHz		

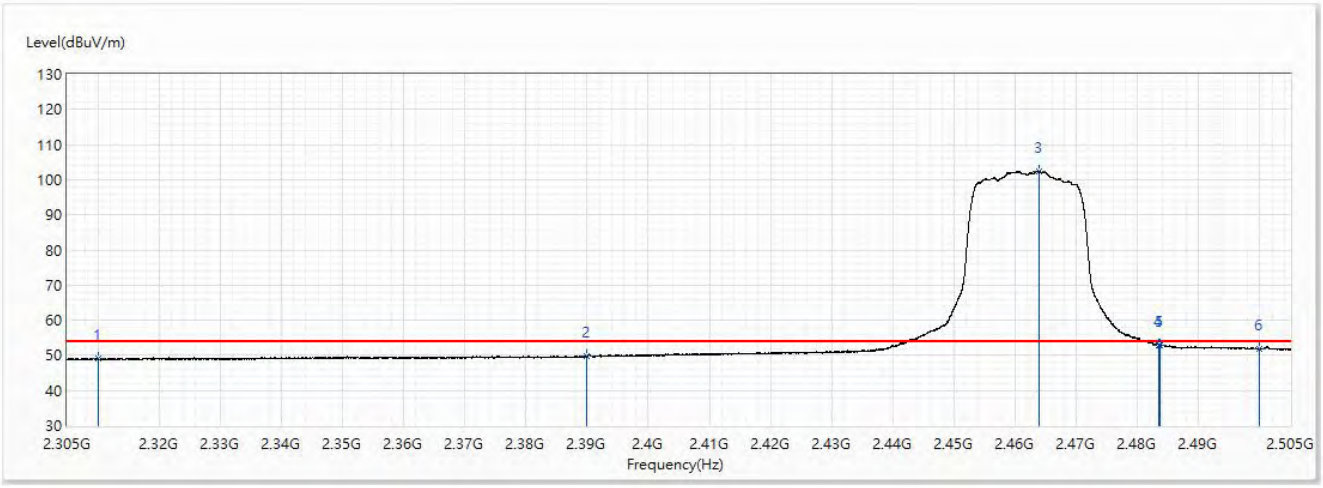


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	61.40	74.00	-12.60	49.86	11.54	PK
2	2390	60.95	74.00	-13.05	48.96	11.99	PK
! 3	2463.275	112.34	74.00	38.34	99.95	12.39	PK
4	2483.5	64.56	74.00	-9.44	52.06	12.50	PK
5	2484.475	66.88	74.00	-7.12	54.38	12.50	PK
6	2500	63.24	74.00	-10.76	50.65	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11n (20MHz) / Ant. 0 + Ant. 1 / 2462MHz		

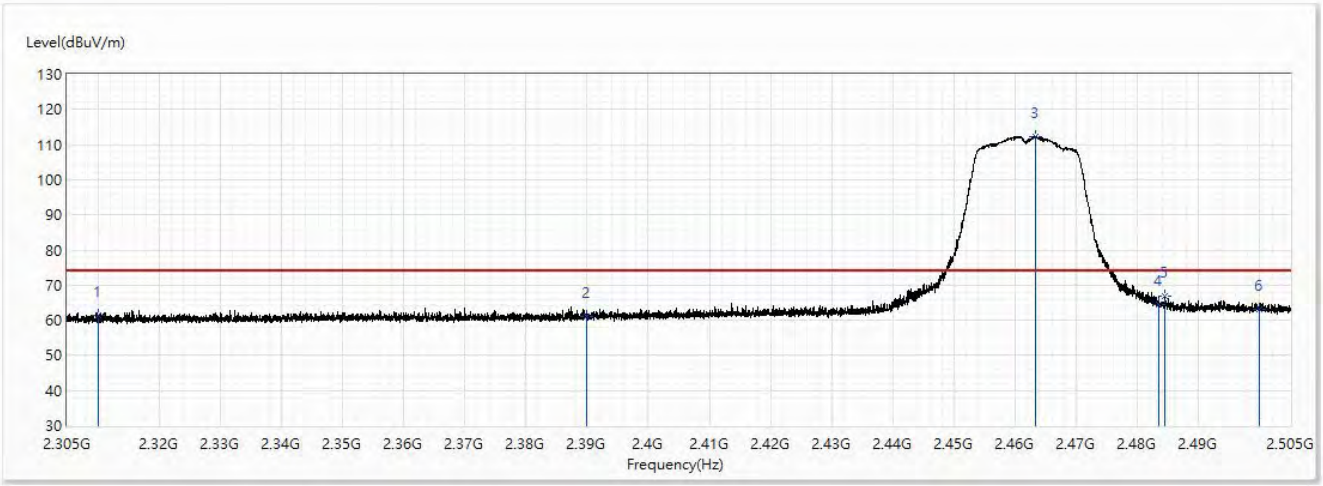


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	49.16	54.00	-4.84	37.62	11.54	AV
2	2390	49.91	54.00	-4.09	37.92	11.99	AV
! 3	2463.95	102.38	54.00	48.38	89.99	12.39	AV
4	2483.5	53.03	54.00	-0.97	40.53	12.50	AV
5	2483.6	53.01	54.00	-0.99	40.51	12.50	AV
6	2500	51.88	54.00	-2.12	39.29	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11n (20MHz) / Ant. 0 + Ant. 1 / 2462MHz		

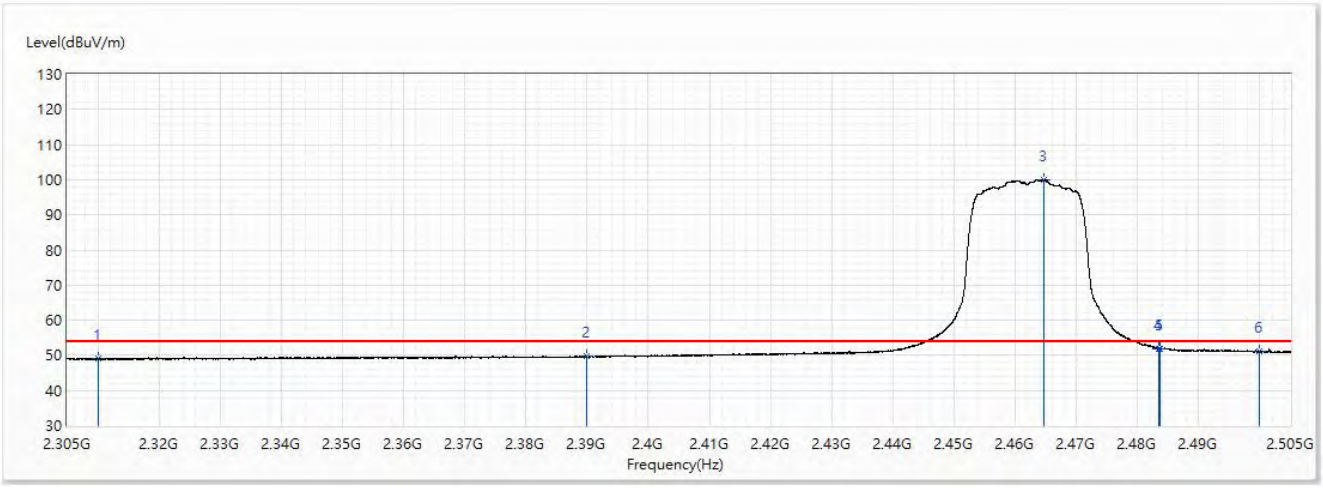


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	61.40	74.00	-12.60	49.86	11.54	PK
2	2390	60.95	74.00	-13.05	48.96	11.99	PK
! 3	2463.275	112.34	74.00	38.34	99.95	12.39	PK
4	2483.5	64.56	74.00	-9.44	52.06	12.50	PK
5	2484.475	66.88	74.00	-7.12	54.38	12.50	PK
6	2500	63.24	74.00	-10.76	50.65	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11n (20MHz) / Ant. 0 + Ant. 1 / 2462MHz		

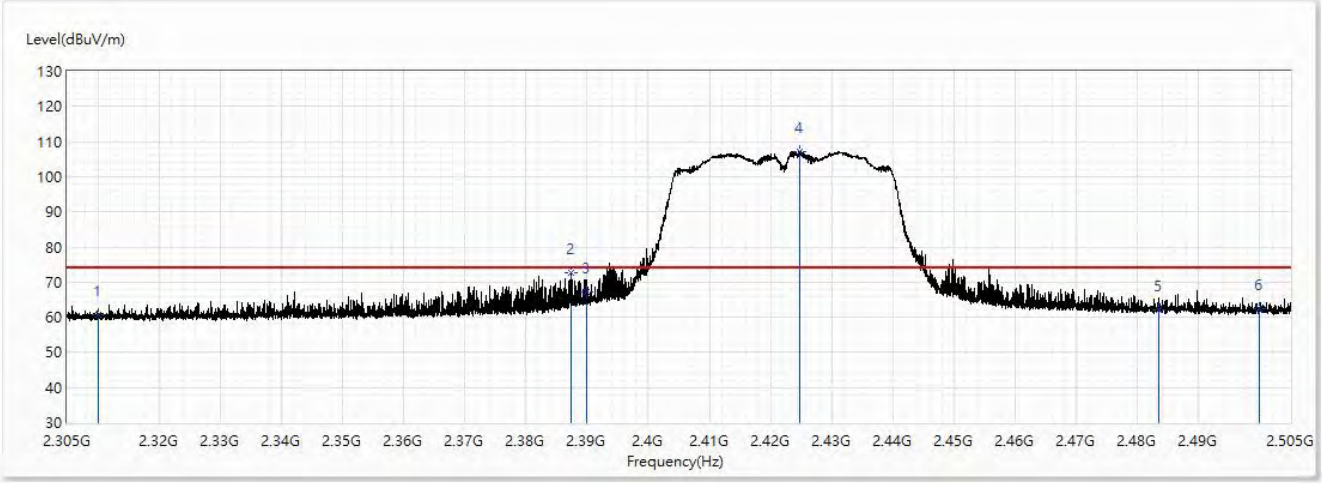


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	48.96	54.00	-5.04	37.42	11.54	AV
2	2390	49.67	54.00	-4.33	37.68	11.99	AV
! 3	2464.75	99.91	54.00	45.91	87.51	12.40	AV
4	2483.5	51.97	54.00	-2.03	39.47	12.50	AV
5	2483.6	51.95	54.00	-2.05	39.45	12.50	AV
6	2500	51.06	54.00	-2.94	38.47	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11n (40MHz) / Ant. 0 + Ant. 1 / 2422MHz		

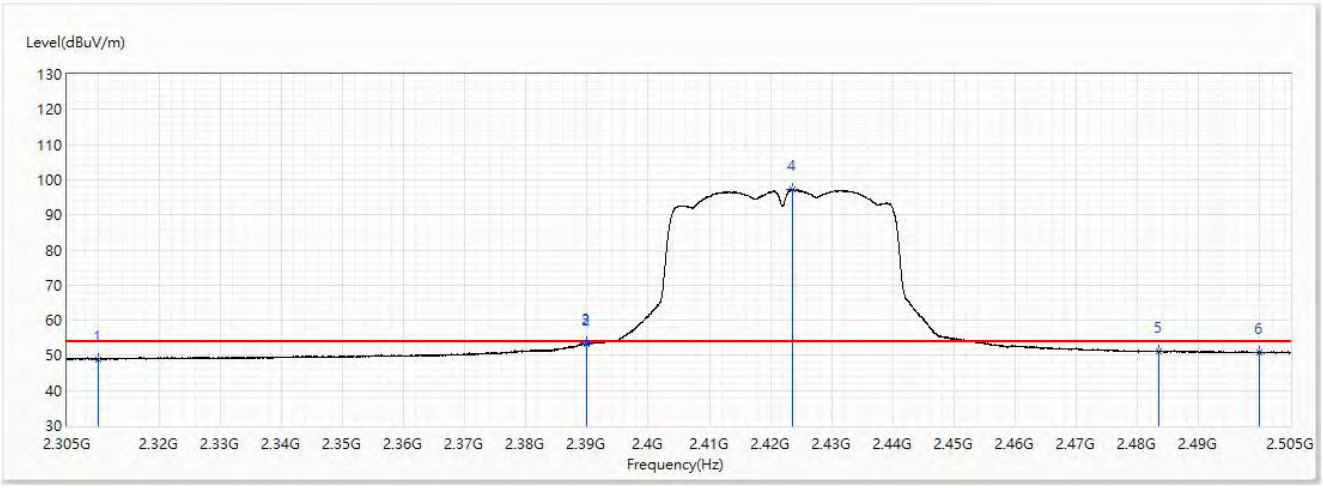


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	60.57	74.00	-13.43	49.03	11.54	PK
2	2387.475	72.60	74.00	-1.40	60.63	11.97	PK
3	2390	67.12	74.00	-6.88	55.13	11.99	PK
! 4	2424.825	107.07	74.00	33.07	94.90	12.17	PK
5	2483.5	62.06	74.00	-11.94	49.56	12.50	PK
6	2500	62.40	74.00	-11.60	49.81	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11n (40MHz) / Ant. 0 + Ant. 1 / 2422MHz		

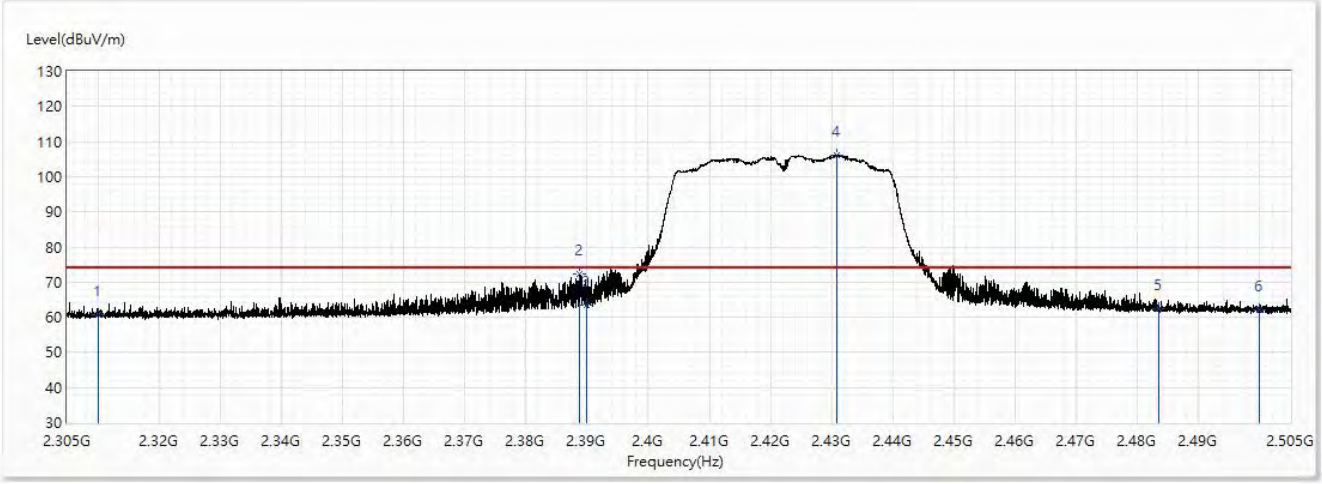


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	48.94	54.00	-5.06	37.40	11.54	AV
2	2389.9	53.30	54.00	-0.70	41.31	11.99	AV
3	2390	53.43	54.00	-0.57	41.44	11.99	AV
! 4	2423.525	97.20	54.00	43.20	85.03	12.17	AV
5	2483.5	51.18	54.00	-2.82	38.68	12.50	AV
6	2500	50.88	54.00	-3.12	38.29	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11n (40MHz) / Ant. 0 + Ant. 1 / 2422MHz		

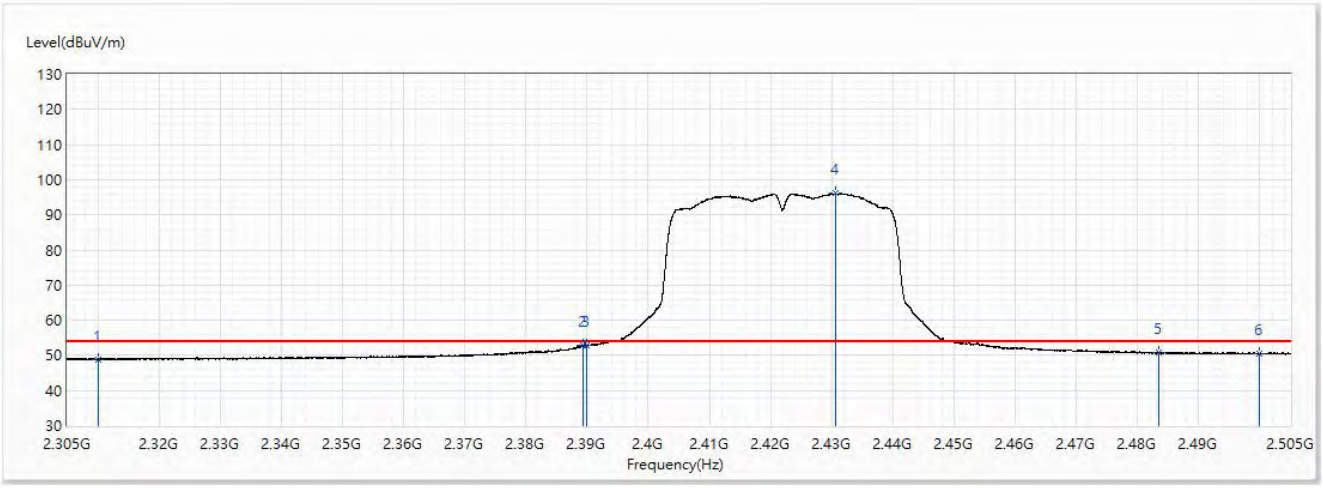


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	60.60	74.00	-13.40	49.06	11.54	PK
2	2388.7	72.21	74.00	-1.79	60.24	11.97	PK
3	2390	63.49	74.00	-10.51	51.50	11.99	PK
! 4	2430.875	106.17	74.00	32.17	93.96	12.21	PK
5	2483.5	62.52	74.00	-11.48	50.02	12.50	PK
6	2500	61.92	74.00	-12.08	49.33	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
est Condition	CDD / 802.11n (40MHz) / Ant. 0 + Ant. 1 / 2422MHz		

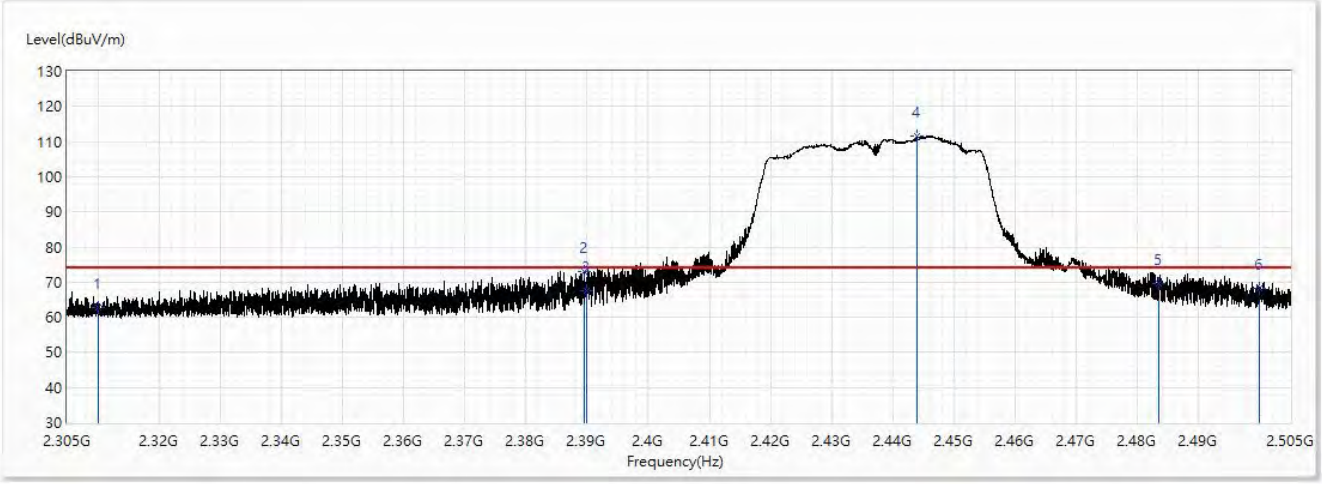


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	48.94	54.00	-5.06	37.40	11.54	AV
2	2389.4	52.77	54.00	-1.23	40.79	11.98	AV
3	2390	52.80	54.00	-1.20	40.81	11.99	AV
! 4	2430.7	96.13	54.00	42.13	83.92	12.21	AV
5	2483.5	50.67	54.00	-3.33	38.17	12.50	AV
6	2500	50.63	54.00	-3.37	38.04	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11n (40MHz) / Ant. 0 + Ant. 1 / 2437MHz		

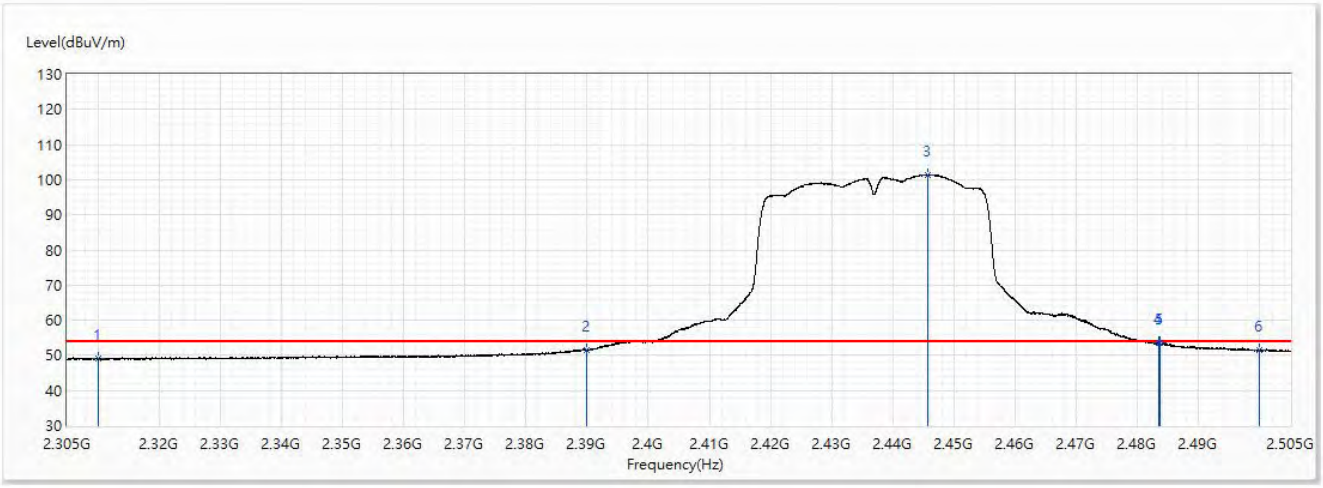


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	62.89	74.00	-11.11	51.35	11.54	PK
2	2389.45	72.96	74.00	-1.04	60.98	11.98	PK
3	2390	67.40	74.00	-6.60	55.41	11.99	PK
! 4	2443.875	111.73	74.00	37.73	99.45	12.28	PK
5	2483.5	69.62	74.00	-4.38	57.12	12.50	PK
6	2500	68.13	74.00	-5.87	55.54	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11n (40MHz) / Ant. 0 + Ant. 1 / 2437MHz		

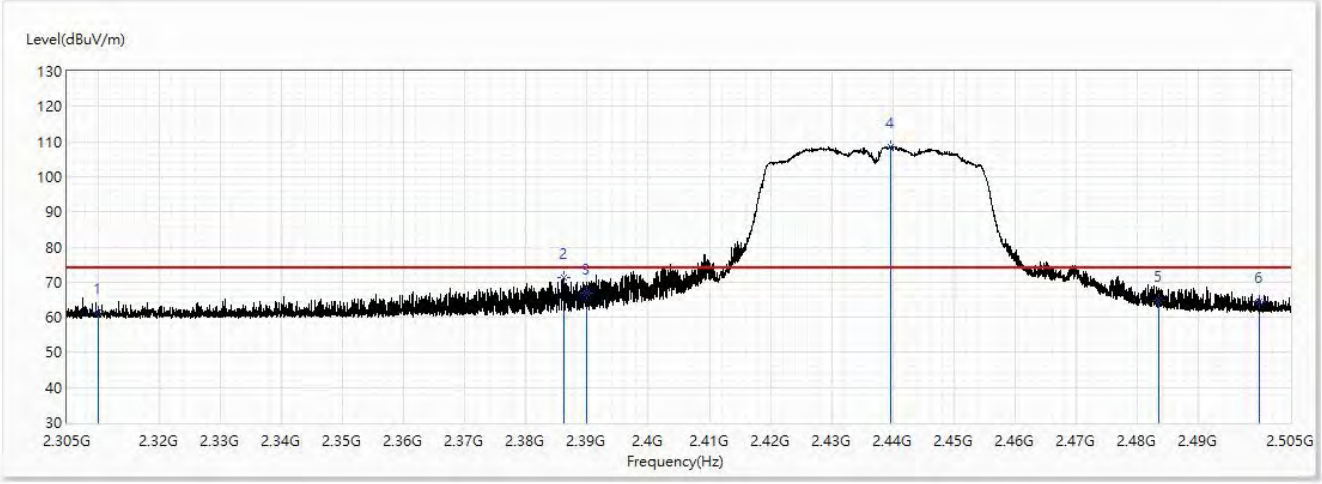


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	49.00	54.00	-5.00	37.46	11.54	AV
2	2390	51.55	54.00	-2.45	39.56	11.99	AV
! 3	2445.775	101.50	54.00	47.50	89.21	12.29	AV
4	2483.5	53.45	54.00	-0.55	40.95	12.50	AV
5	2483.6	53.44	54.00	-0.56	40.94	12.50	AV
6	2500	51.42	54.00	-2.58	38.83	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11n (40MHz) / Ant. 0 + Ant. 1 / 2437MHz		

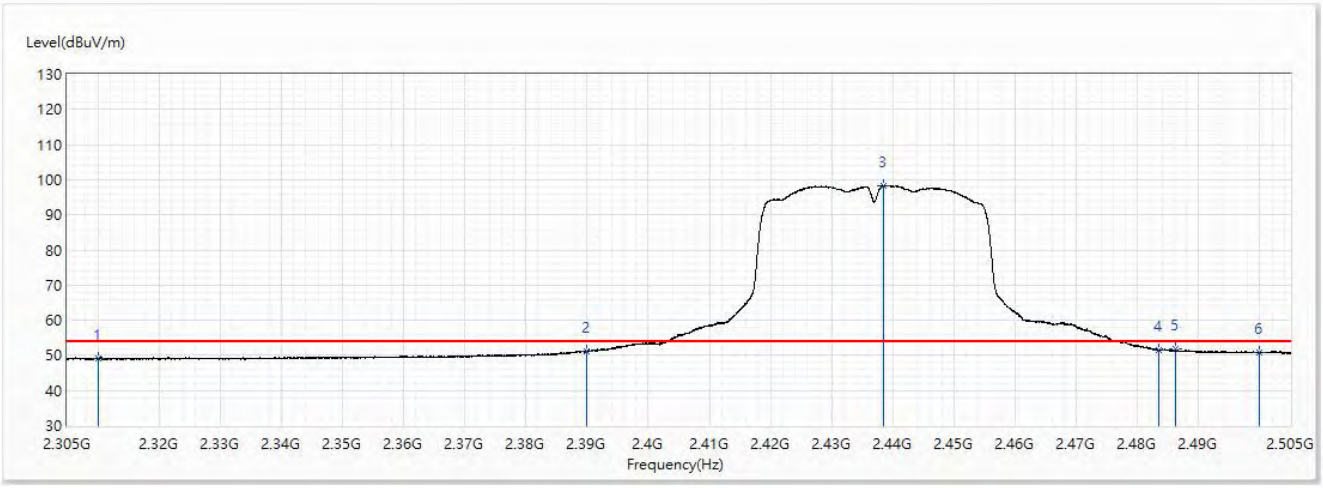


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	61.24	74.00	-12.76	49.70	11.54	PK
2	2386.2	71.13	74.00	-2.87	59.16	11.97	PK
3	2390	66.85	74.00	-7.15	54.86	11.99	PK
! 4	2439.675	108.53	74.00	34.53	96.27	12.26	PK
5	2483.5	64.89	74.00	-9.11	52.39	12.50	PK
6	2500	64.34	74.00	-9.66	51.75	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11n (40MHz) / Ant. 0 + Ant. 1 / 2437MHz		

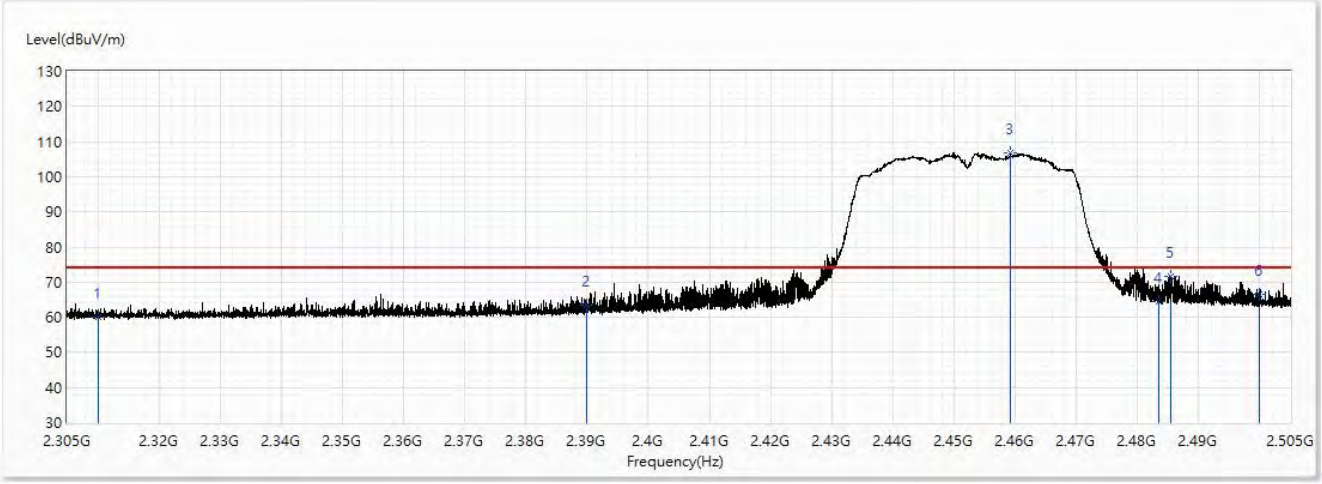


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	48.96	54.00	-5.04	37.42	11.54	AV
2	2390	51.23	54.00	-2.77	39.24	11.99	AV
! 3	2438.525	98.39	54.00	44.39	86.14	12.25	AV
4	2483.5	51.58	54.00	-2.42	39.08	12.50	AV
5	2486.15	51.71	54.00	-2.29	39.20	12.51	AV
6	2500	50.78	54.00	-3.22	38.19	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11n (40MHz) / Ant. 0 + Ant. 1 / 2452MHz		

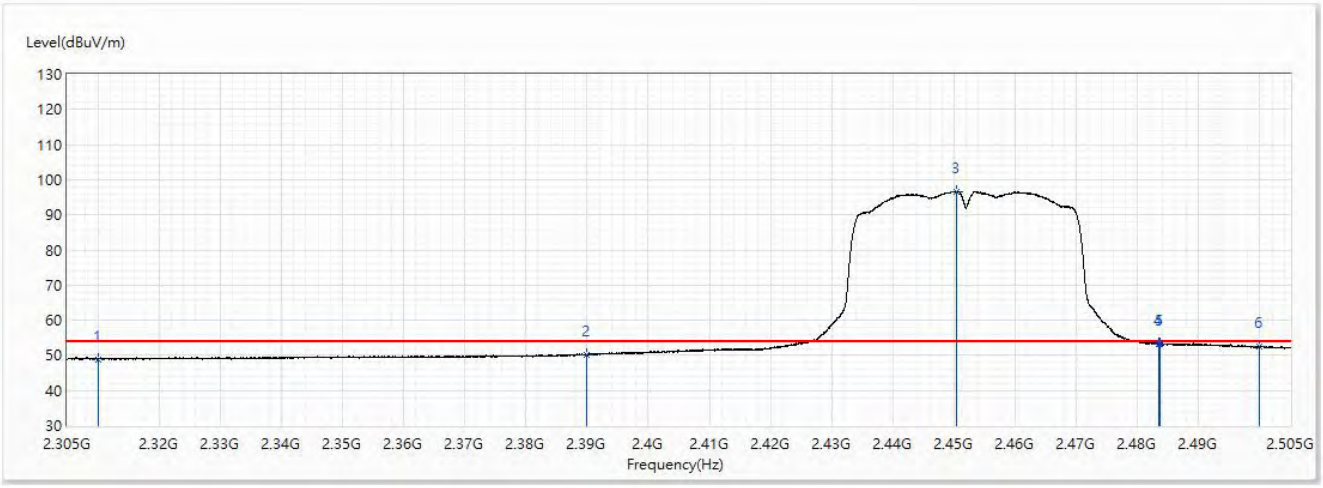


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	60.10	74.00	-13.90	48.56	11.54	PK
2	2390	63.58	74.00	-10.42	51.59	11.99	PK
! 3	2459.25	106.82	74.00	32.82	94.46	12.36	PK
4	2483.5	64.36	74.00	-9.64	51.86	12.50	PK
5	2485.425	71.78	74.00	-2.22	59.27	12.51	PK
6	2500	66.42	74.00	-7.58	53.83	12.59	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 3: Transmit_ Extension Cover	Polarity	Horizontal
Test Condition	CDD / 802.11n (40MHz) / Ant. 0 + Ant. 1 / 2452MHz		

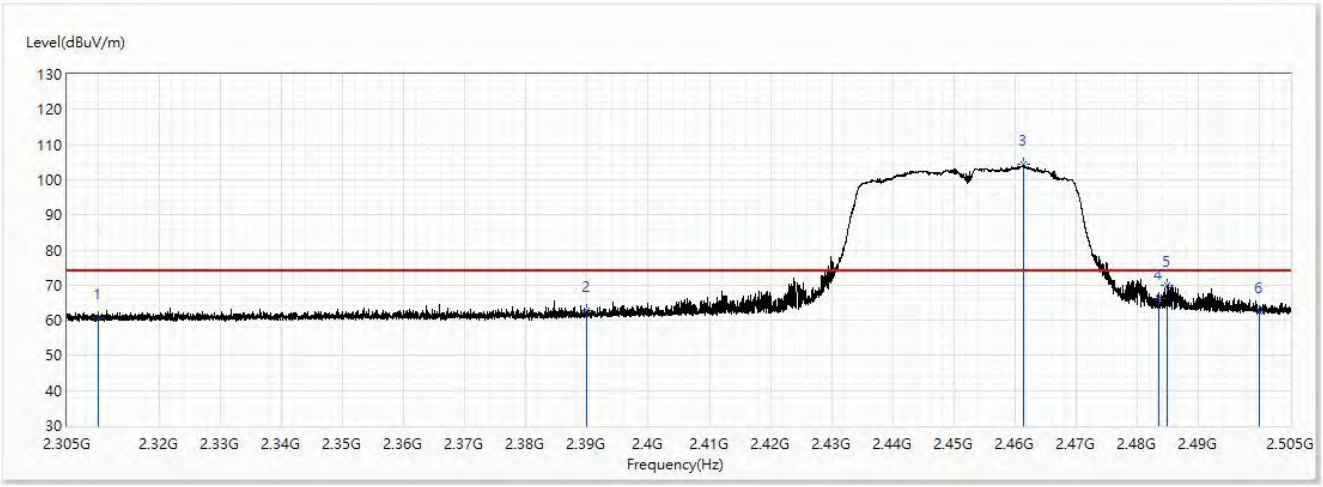


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	48.94	54.00	-5.06	37.40	11.54	AV
2	2390	50.10	54.00	-3.90	38.11	11.99	AV
! 3	2450.4	96.72	54.00	42.72	84.41	12.31	AV
4	2483.5	53.32	54.00	-0.68	40.82	12.50	AV
5	2483.6	53.22	54.00	-0.78	40.72	12.50	AV
6	2500	52.36	54.00	-1.64	39.77	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11n (40MHz) / Ant. 0 + Ant. 1 / 2452MHz		

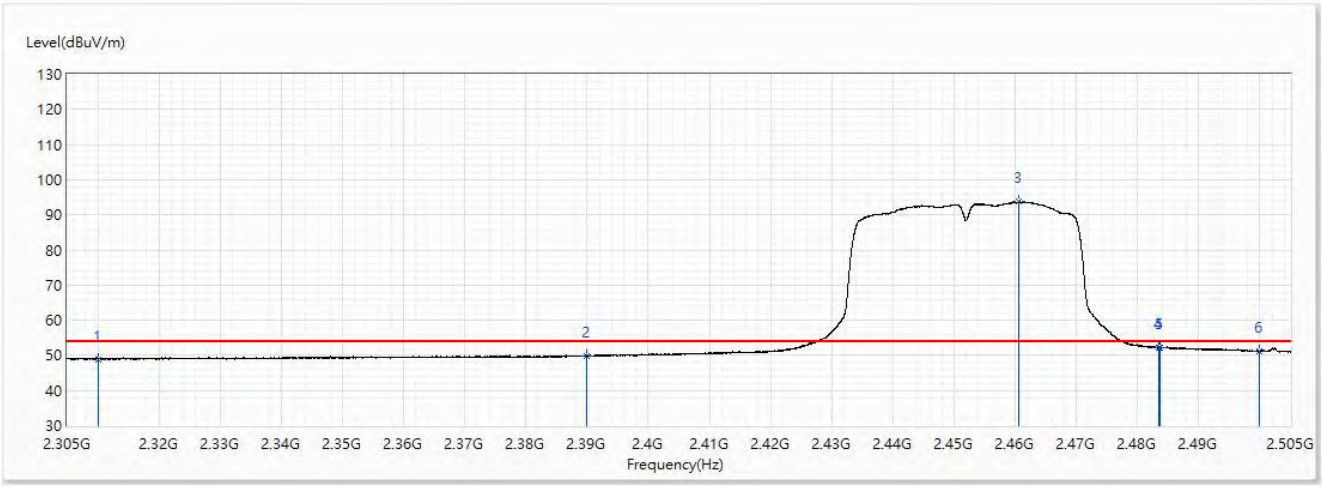


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	60.86	74.00	-13.14	49.32	11.54	PK
2	2390	62.90	74.00	-11.10	50.91	11.99	PK
! 3	2461.425	104.37	74.00	30.37	91.98	12.39	PK
4	2483.5	66.03	74.00	-7.97	53.53	12.50	PK
5	2484.8	69.92	74.00	-4.08	57.42	12.50	PK
6	2500	62.57	74.00	-11.43	49.98	12.59	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 3: Transmit_ Extension Cover	Polarity	Vertical
Test Condition	CDD / 802.11n (40MHz) / Ant. 0 + Ant. 1 / 2452MHz		



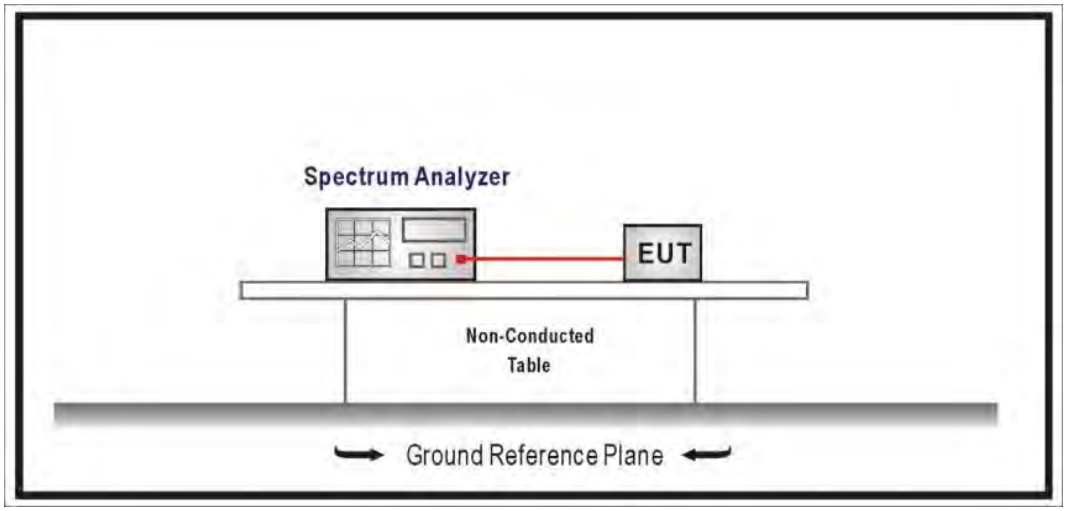
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2310	48.90	54.00	-5.10	37.36	11.54	AV
2	2390	49.94	54.00	-4.06	37.95	11.99	AV
! 3	2460.65	93.69	54.00	39.69	81.32	12.37	AV
4	2483.5	52.22	54.00	-1.78	39.72	12.50	AV
5	2483.6	52.20	54.00	-1.80	39.70	12.50	AV
6	2500	51.29	54.00	-2.71	38.70	12.59	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

DTS bandwidth: ≧ 500 kHz.

Occupied Bandwidth: NA

7.3. Test Procedures

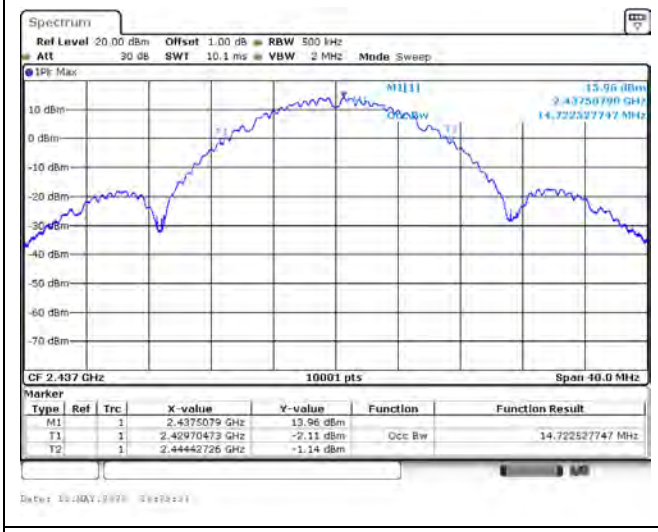
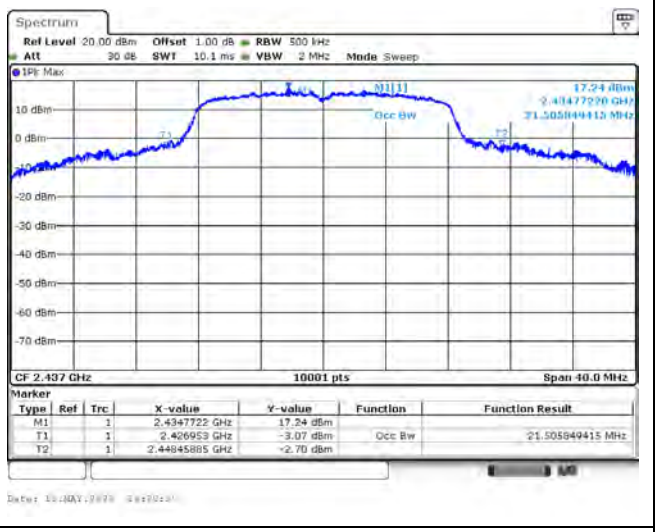
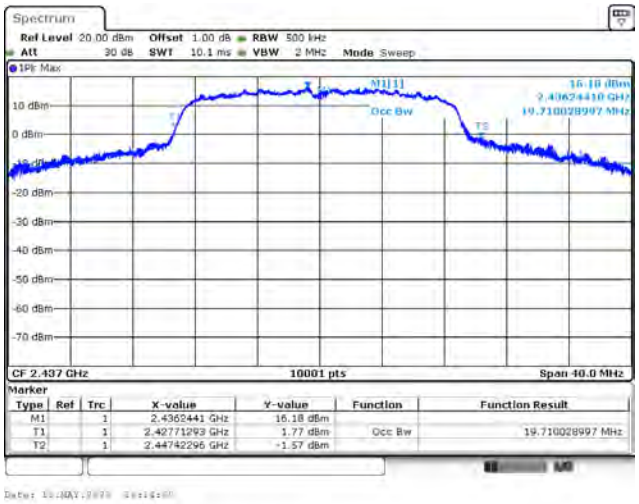
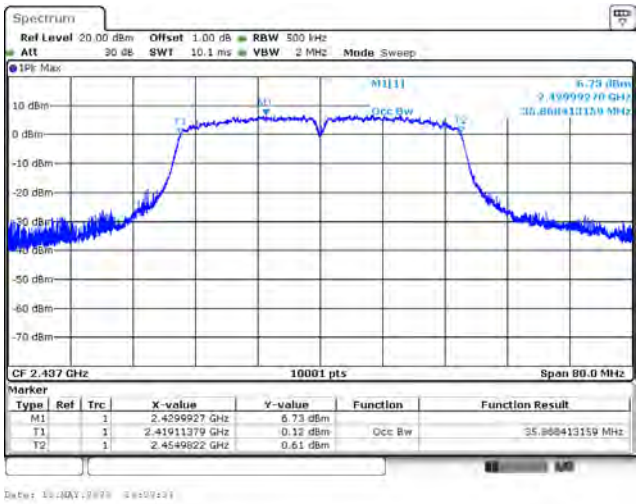
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074 D01 V05r02 for compliance to FCC 47CFR 15.247 requirements.

7.4. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247.

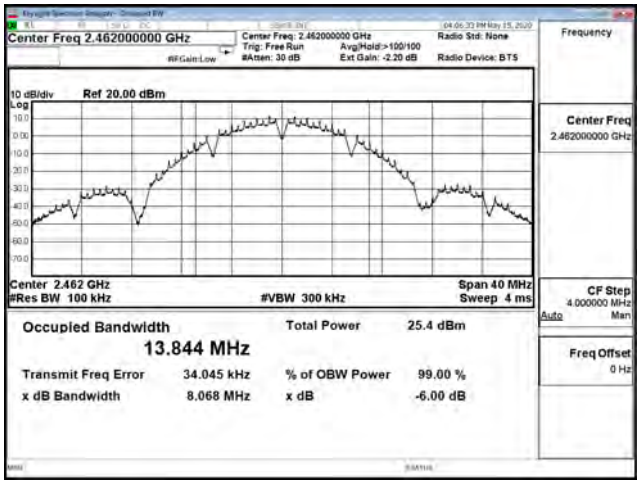
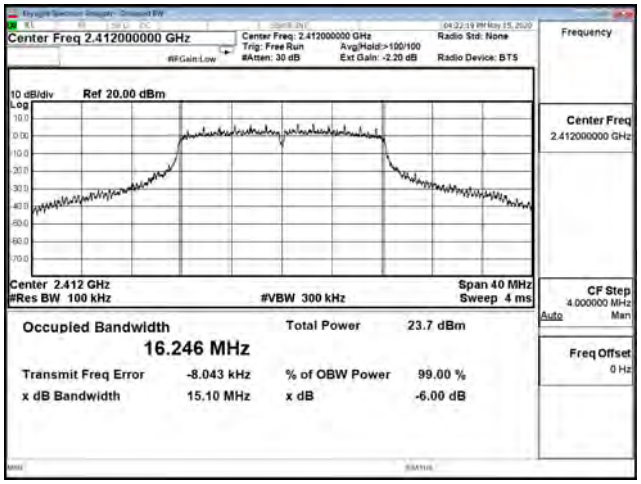
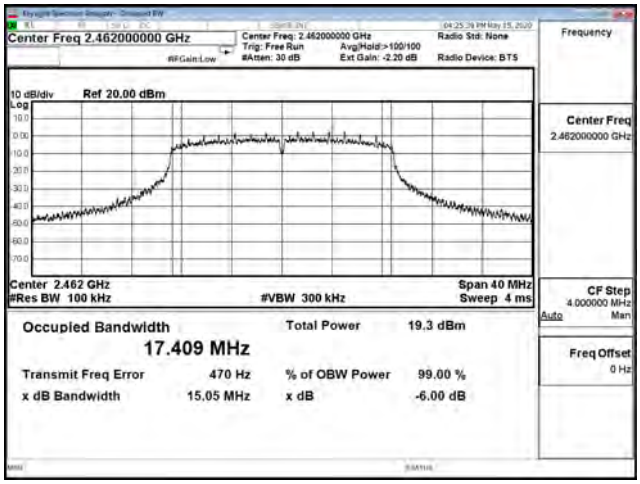
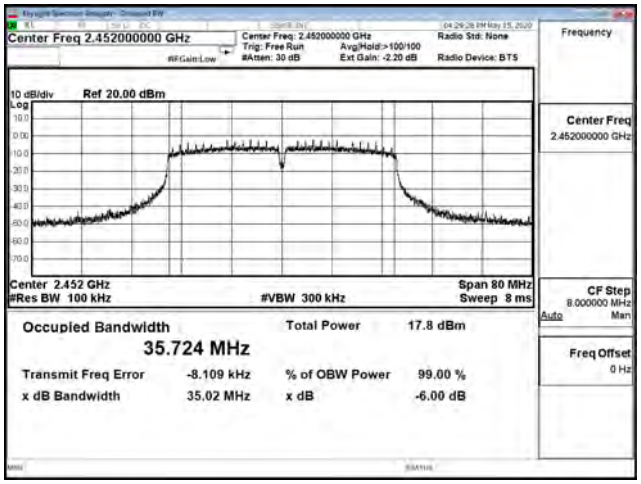
7.5. Test Result of Occupied Bandwidth

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		Limit (MHz)
			Ant. 0	Ant. 1	
802.11b	1	2412	13.914	14.050	-
	6	2437	14.722	14.594	-
	11	2462	13.862	14.246	-
802.11g	1	2412	16.502	16.418	-
	6	2437	21.505	16.870	-
	11	2462	16.478	16.414	-
802.11n (20 MHz)	1	2412	17.526	17.514	-
	6	2437	19.710	19.150	-
	11	2462	17.518	17.510	-
802.11n (40 MHz)	3	2422	35.852	35.804	-
	6	2437	35.868	35.780	-
	9	2452	35.844	35.772	-

Spectrum plot of maximum value	
802.11b / Ant. 0 / 2437 MHz	802.11g / Ant. 0 / 2437 MHz
	
802.11n (20 MHz) / Ant. 0 / 2437 MHz	802.11n (40 MHz) / Ant. 0 / 2437 MHz
	

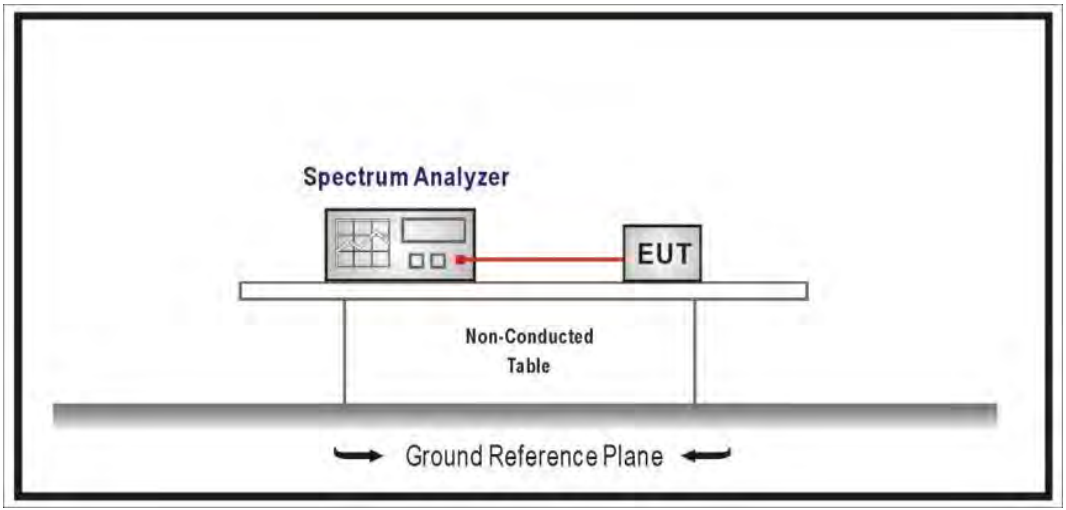
7.6. Test Result of DTS Bandwidth

Modulation	Channel	Frequency (MHz)	DTS Bandwidth (MHz)		Limit (MHz)	Result
			Ant. 0	Ant. 1		
802.11b	1	2412	8.100	8.106	≧0.50	Pass
	6	2437	8.082	8.074	≧0.50	Pass
	11	2462	8.068	8.074	≧0.50	Pass
802.11g	1	2412	15.100	15.130	≧0.50	Pass
	6	2437	15.130	15.130	≧0.50	Pass
	11	2462	15.310	15.120	≧0.50	Pass
802.11n (20 MHz)	1	2412	15.130	15.120	≧0.50	Pass
	6	2437	15.130	15.060	≧0.50	Pass
	11	2462	15.120	15.050	≧0.50	Pass
802.11n (40 MHz)	3	2422	35.080	35.070	≧0.50	Pass
	6	2437	35.070	35.070	≧0.50	Pass
	9	2452	35.080	35.020	≧0.50	Pass

Spectrum plot of worst value	
802.11b / Ant. 0 / 2462 MHz	802.11g / Ant. 0 / 2412 MHz
	
802.11n (20 MHz) / Ant. 1 / 2462 MHz	802.11n (40 MHz) / Ant. 1 / 2452 MHz
	

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.

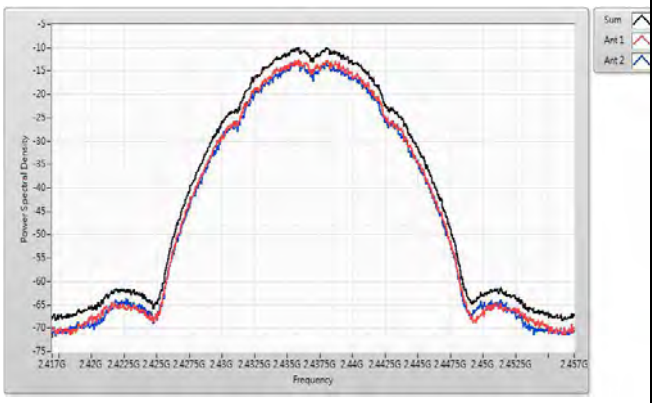
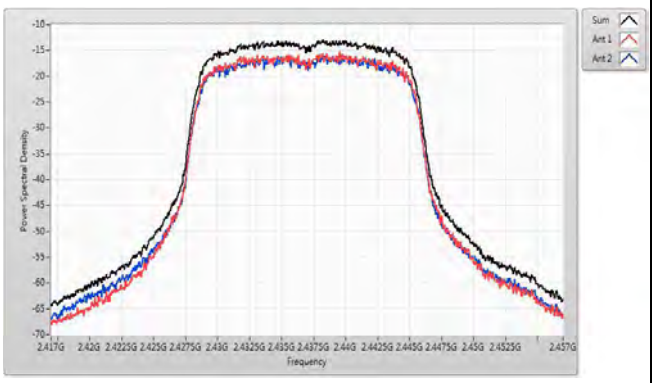
8.4. Test Specification

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	-12.120	-13.250	-10.140	≦7.46	Pass
	6	2437	-12.520	-13.150	-9.830	≦7.46	Pass
	11	2462	-12.400	-12.750	-9.920	≦7.46	Pass
802.11g	1	2412	-15.880	-16.780	-13.590	≦7.46	Pass
	6	2437	-15.270	-16.050	-12.980	≦7.46	Pass
	11	2462	-16.070	-16.190	-13.310	≦7.46	Pass
802.11n (20 MHz)	1	2412	-15.510	-14.870	-12.520	≦7.46	Pass
	6	2437	-15.490	-16.630	-13.380	≦7.46	Pass
	11	2462	-17.520	-16.980	-14.540	≦7.46	Pass
802.11n (40 MHz)	3	2422	-22.140	-23.160	-19.920	≦7.46	Pass
	6	2437	-19.540	-19.850	-16.870	≦7.46	Pass
	9	2452	-23.610	-24.140	-21.210	≦7.46	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 + Ant .1 / 2437 MHz	802.11g / Ant. 0 + Ant .1 / 2437 MHz
	
802.11n (20 MHz) / Ant. 0 + Ant .1 / 2412 MHz	802.11n (40 MHz) / Ant. 0 + Ant .1 / 2437 MHz