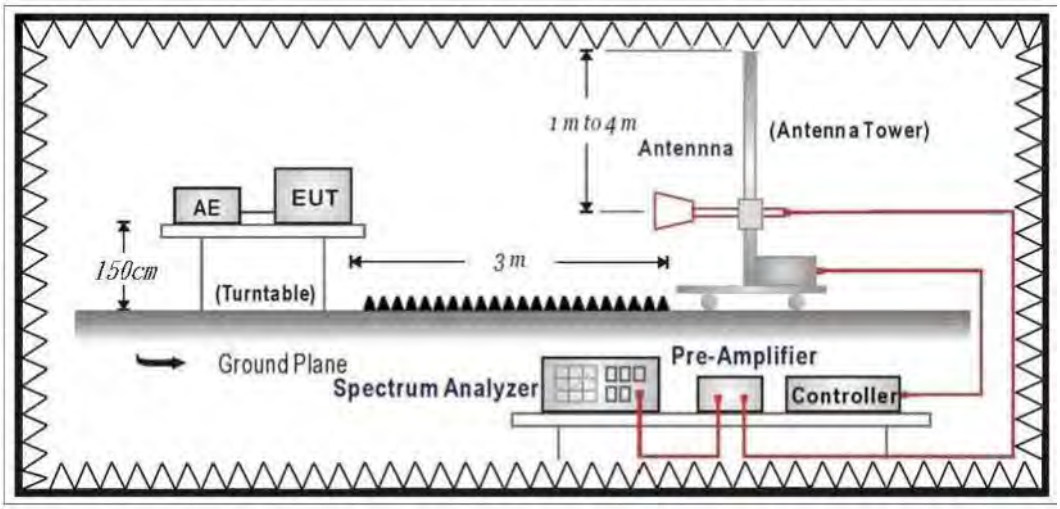
6. Radiated Emission Band Edge

6.1. Test Setup



6.2. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

6.3. Test Procedure

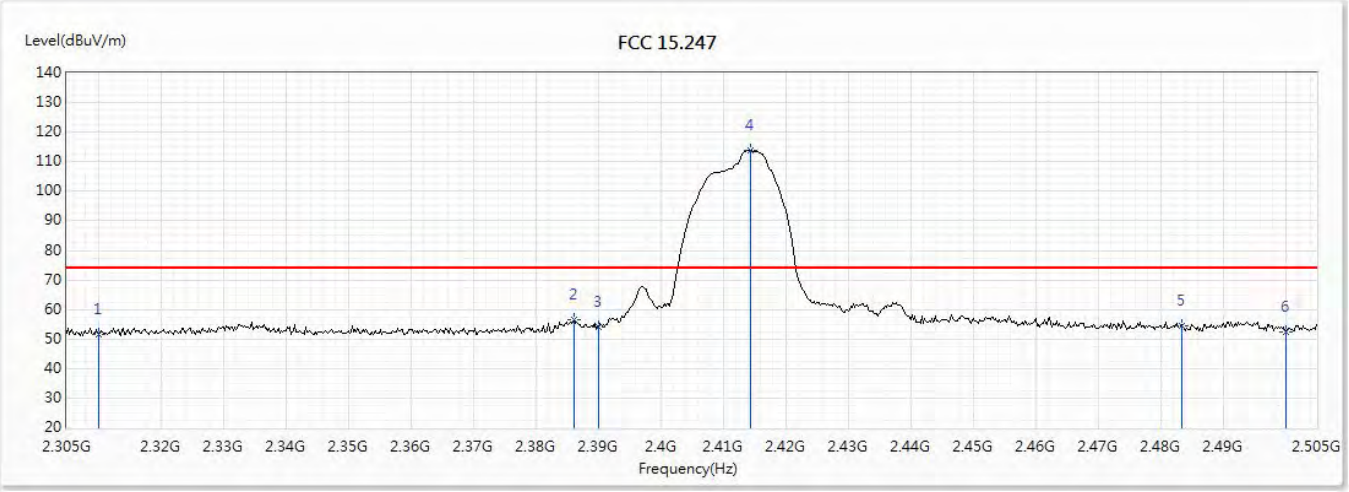
The EUT was setup according to ANSI C63.10: 2013 and tested according to DTS test procedure of KDB558074 V05 for compliance to FCC 47CFR 15.247 requirements.
The EUT and its simulators are placed on a turn table which is 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level.
The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
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: 2017

6.5. Test Result

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11b_2412MHz		

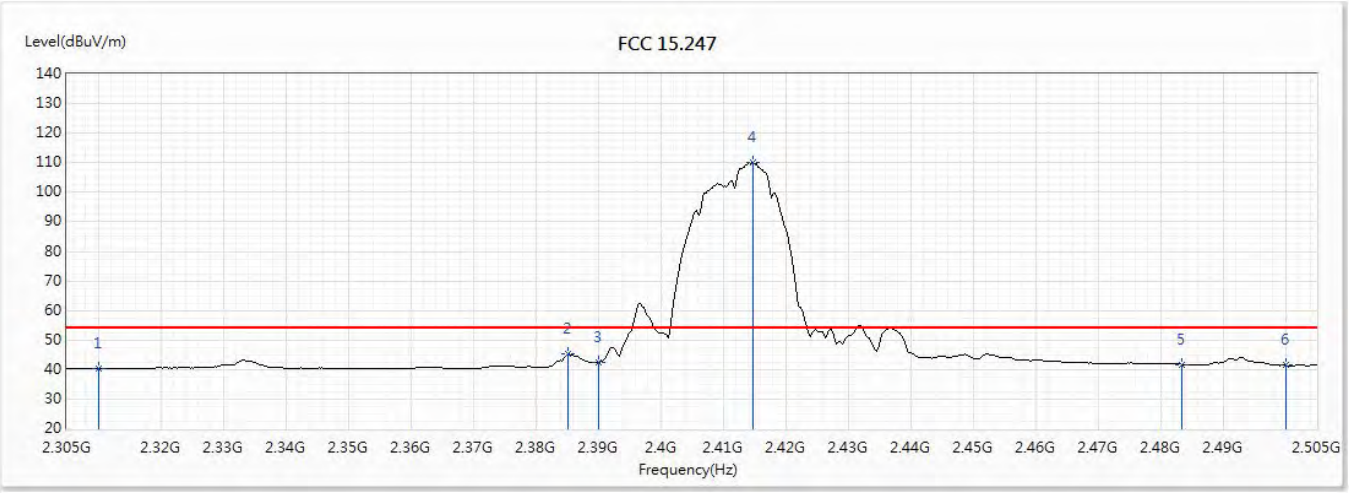


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	51.73	74.00	-22.27	54.85	-3.12	PK
2	2386.2	56.64	74.00	-17.36	59.42	-2.78	PK
3	2390	54.21	74.00	-19.79	56.98	-2.77	PK
! 4	2414.4	113.81	74.00	39.81	116.46	-2.65	PK
5	2483.5	54.57	74.00	-19.43	56.94	-2.37	PK
6	2500	52.43	74.00	-21.57	54.73	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11b_2412MHz		

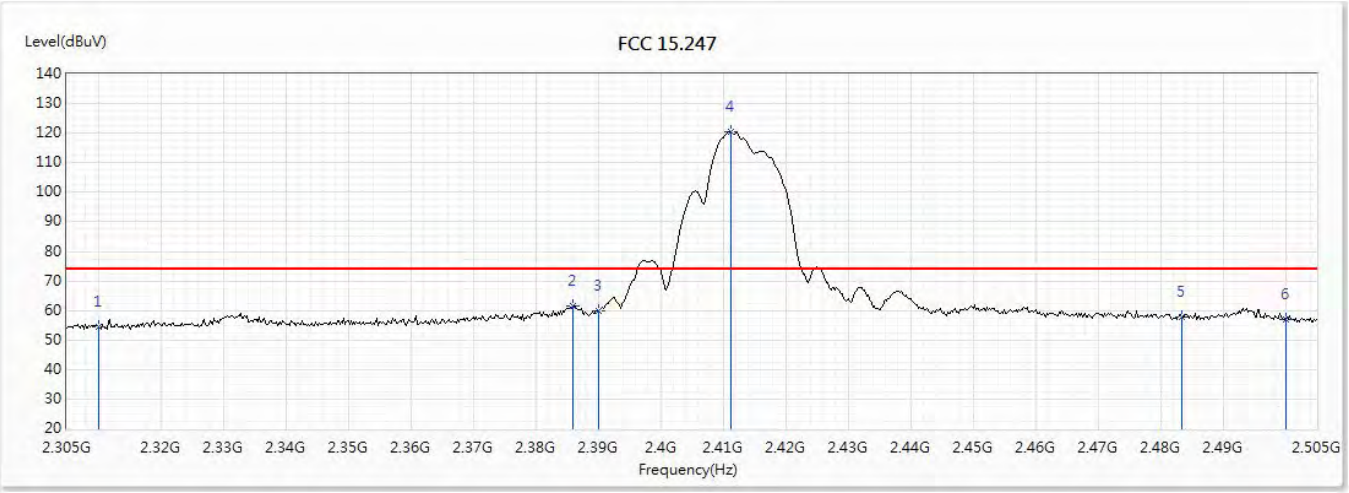


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	40.31	54.00	-13.69	43.43	-3.12	AV
2	2385.2	45.16	54.00	-8.84	47.94	-2.78	AV
3	2390	42.40	54.00	-11.60	45.17	-2.77	AV
! 4	2414.8	110.29	54.00	56.29	112.94	-2.65	AV
5	2483.5	41.74	54.00	-12.26	44.11	-2.37	AV
6	2500	41.42	54.00	-12.58	43.72	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11b_2412MHz		

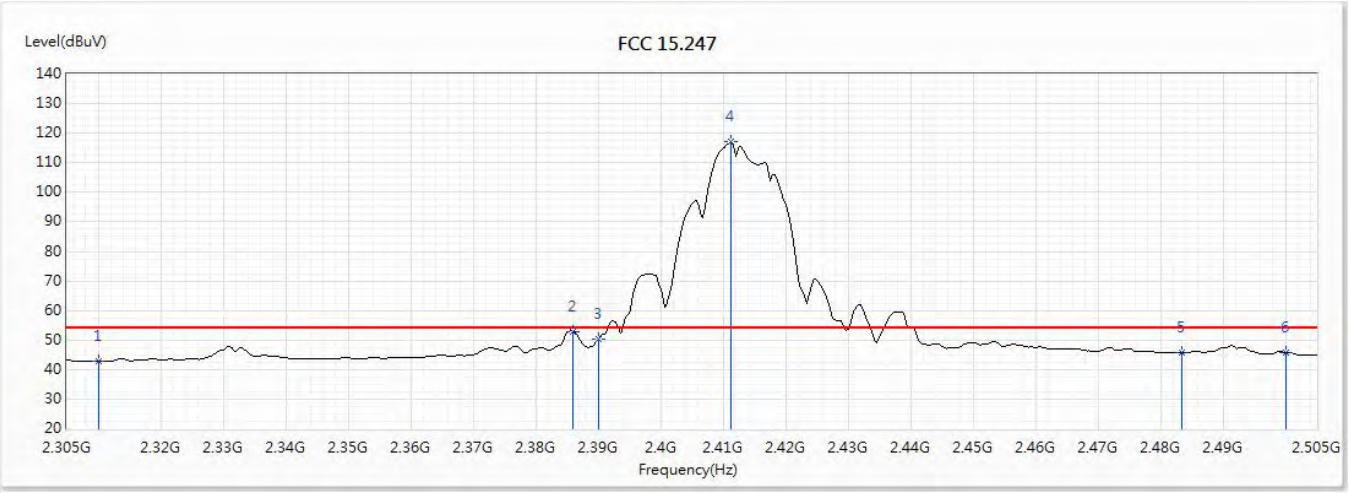


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	54.33	74.00	-19.67	57.45	-3.12	PK
2	2386	61.71	74.00	-12.29	64.49	-2.78	PK
3	2390	59.82	74.00	-14.18	62.59	-2.77	PK
! 4	2411.2	120.41	74.00	46.41	123.08	-2.67	PK
5	2483.5	57.76	74.00	-16.24	60.13	-2.37	PK
6	2500	57.09	74.00	-16.91	59.39	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11b_2412MHz		

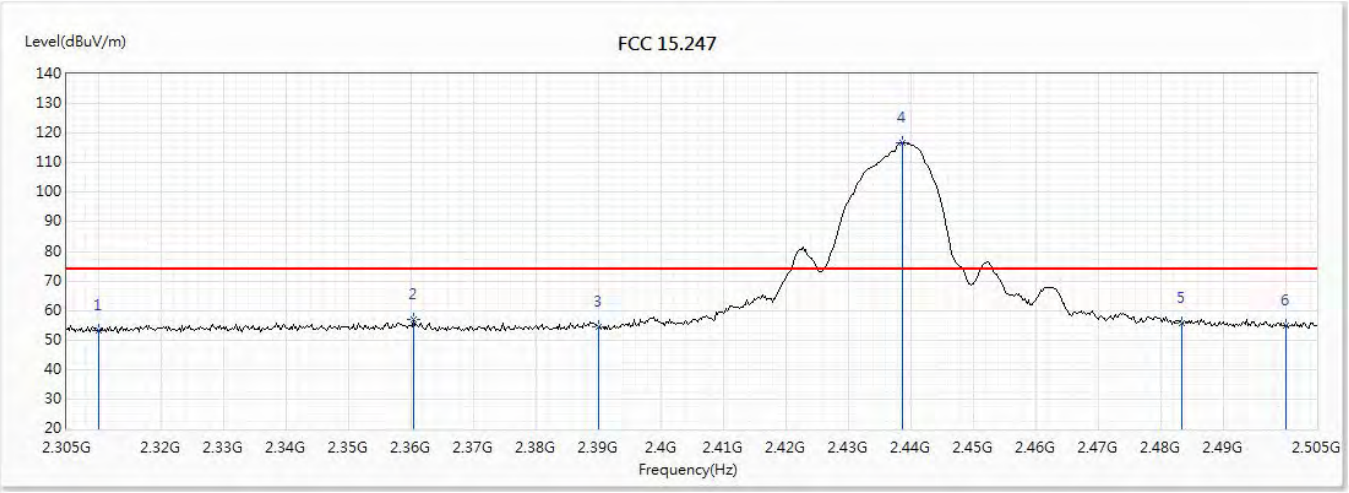


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	42.80	54.00	-11.20	45.92	-3.12	AV
2	2386	52.94	54.00	-1.06	55.72	-2.78	AV
3	2390	50.26	54.00	-3.74	53.03	-2.77	AV
! 4	2411.2	117.04	54.00	63.04	119.71	-2.67	AV
5	2483.5	45.79	54.00	-8.21	48.16	-2.37	AV
6	2500	45.85	54.00	-8.15	48.15	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11b_2437MHz		

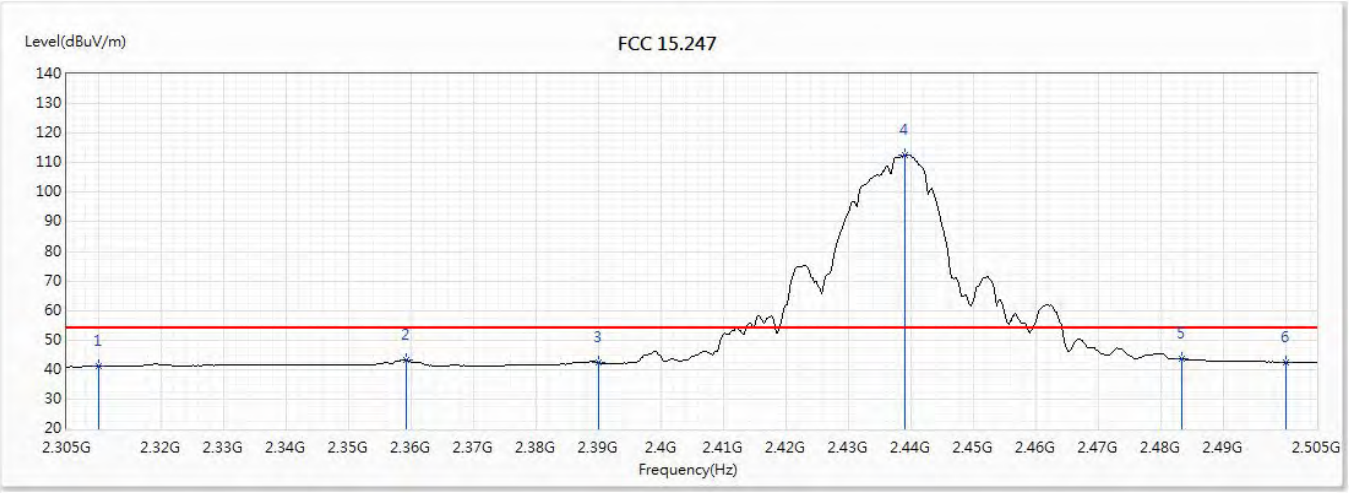


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	53.33	74.00	-20.67	56.45	-3.12	PK
2	2360.4	56.83	74.00	-17.17	59.73	-2.90	PK
3	2390	54.38	74.00	-19.62	57.15	-2.77	PK
! 4	2438.8	116.81	74.00	42.81	119.35	-2.54	PK
5	2483.5	55.63	74.00	-18.37	58.00	-2.37	PK
6	2500	55.00	74.00	-19.00	57.30	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11b_2437MHz		

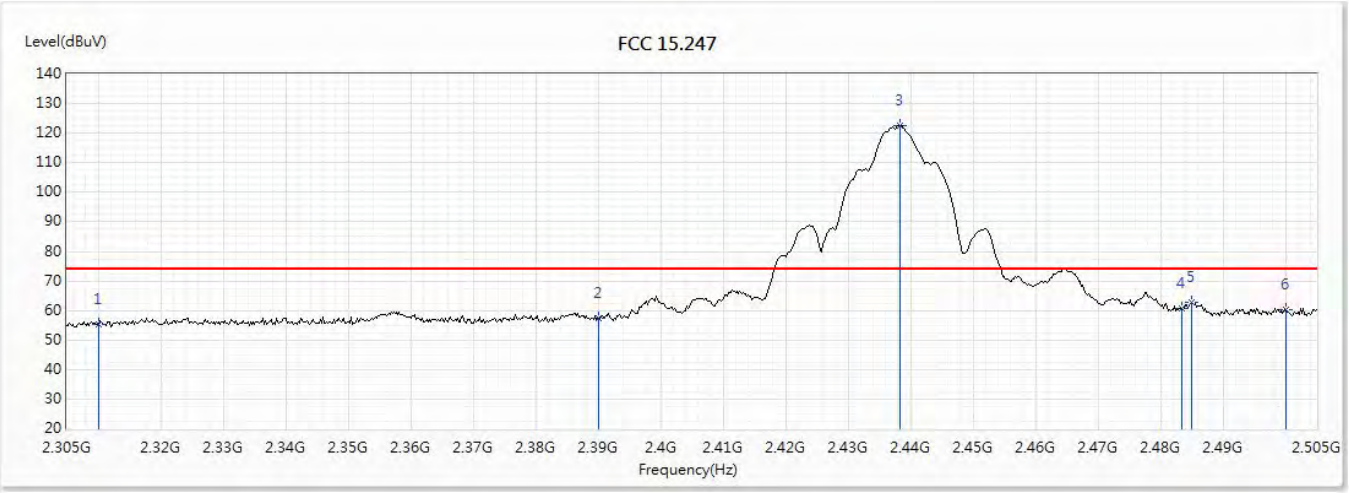


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	41.03	54.00	-12.97	44.15	-3.12	AV
2	2359.4	43.17	54.00	-10.83	46.08	-2.91	AV
3	2390	42.53	54.00	-11.47	45.30	-2.77	AV
! 4	2439.2	112.76	54.00	58.76	115.30	-2.54	AV
5	2483.5	43.61	54.00	-10.39	45.98	-2.37	AV
6	2500	42.58	54.00	-11.42	44.88	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11b_2437MHz		

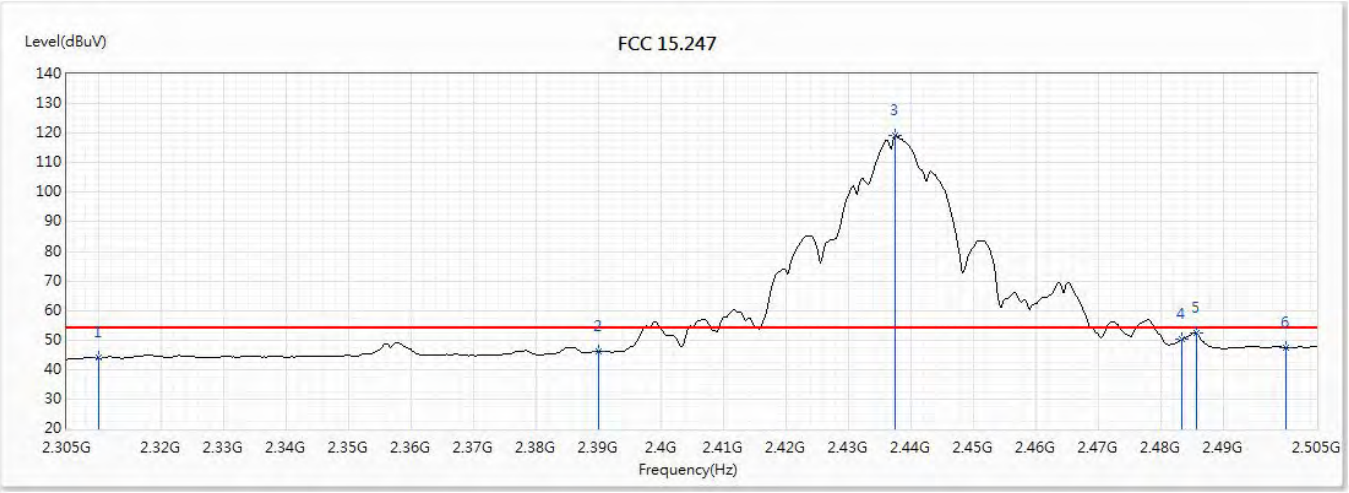


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	55.43	74.00	-18.57	58.55	-3.12	PK
2	2390	57.43	74.00	-16.57	60.20	-2.77	PK
! 3	2438.4	122.69	74.00	48.69	125.23	-2.54	PK
4	2483.5	60.79	74.00	-13.21	63.16	-2.37	PK
5	2485	62.96	74.00	-11.04	65.33	-2.37	PK
6	2500	60.09	74.00	-13.91	62.39	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11b_2437MHz		

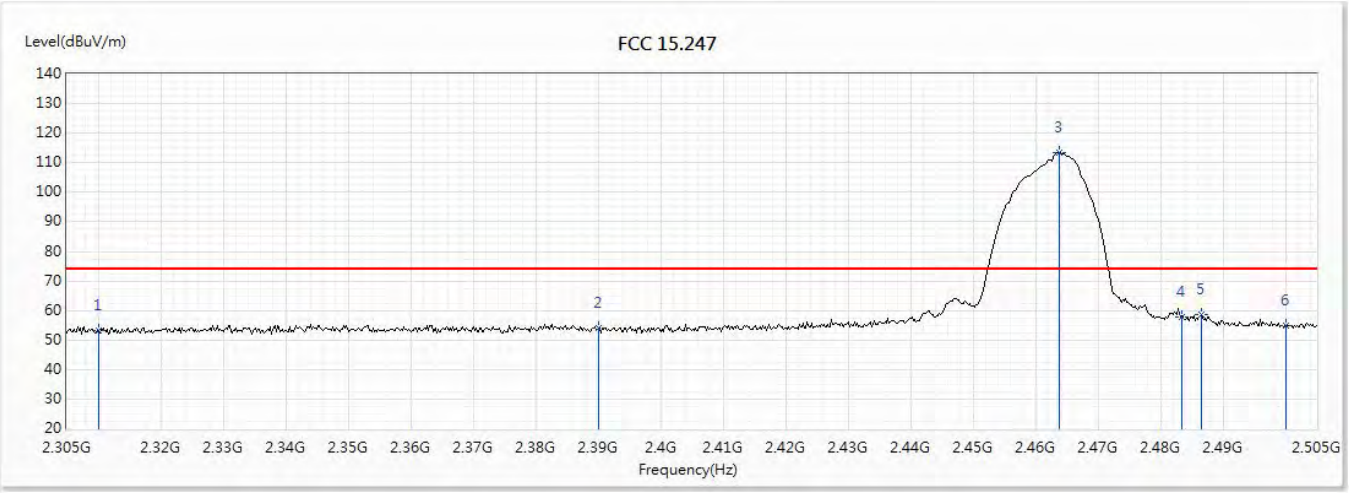


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	43.91	54.00	-10.09	47.03	-3.12	AV
2	2390	46.10	54.00	-7.90	48.87	-2.77	AV
! 3	2437.6	119.04	54.00	65.04	121.58	-2.54	AV
4	2483.5	50.39	54.00	-3.61	52.76	-2.37	AV
5	2485.8	52.19	54.00	-1.81	54.54	-2.35	AV
6	2500	47.55	54.00	-6.45	49.85	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11b_2462MHz		

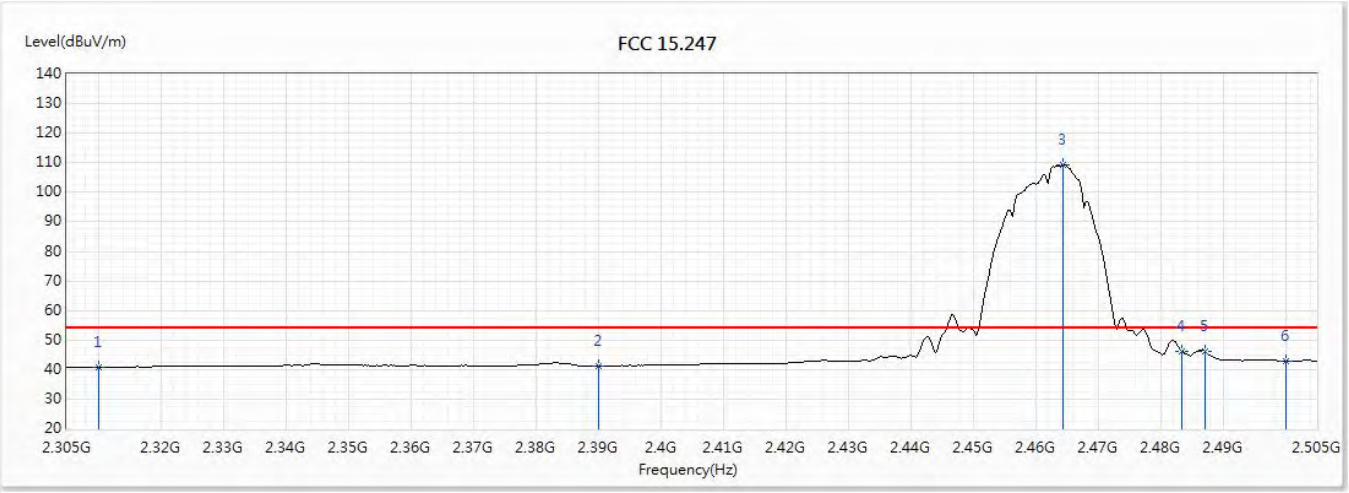


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	53.03	74.00	-20.97	56.15	-3.12	PK
2	2390	54.20	74.00	-19.80	56.97	-2.77	PK
! 3	2463.8	113.44	74.00	39.44	115.88	-2.44	PK
4	2483.5	57.97	74.00	-16.03	60.34	-2.37	PK
5	2486.6	58.70	74.00	-15.30	61.05	-2.35	PK
6	2500	54.77	74.00	-19.23	57.07	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11b_2462MHz		

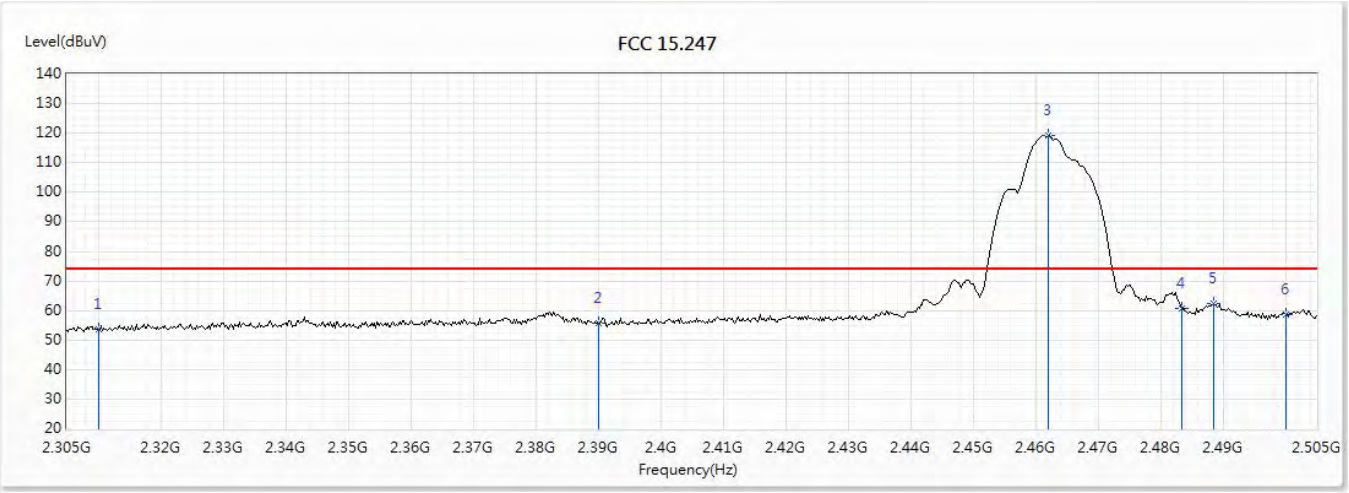


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	40.76	54.00	-13.24	43.88	-3.12	AV
2	2390	41.25	54.00	-12.75	44.02	-2.77	AV
! 3	2464.4	109.41	54.00	55.41	111.85	-2.44	AV
4	2483.5	46.17	54.00	-7.83	48.54	-2.37	AV
5	2487.2	46.35	54.00	-7.65	48.70	-2.35	AV
6	2500	42.91	54.00	-11.09	45.21	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11b_2462MHz		

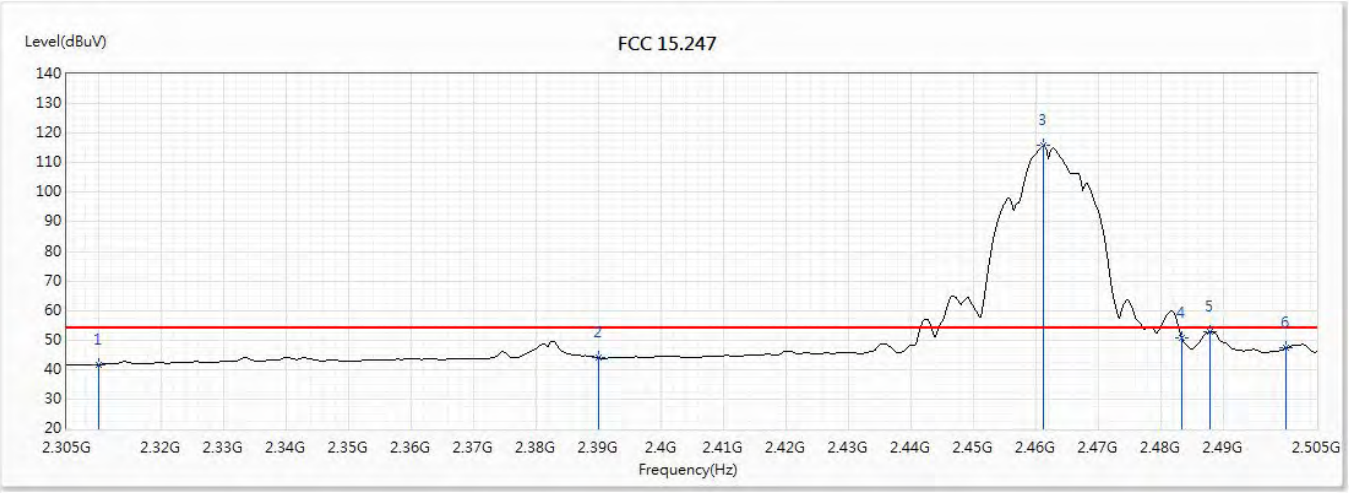


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	53.56	74.00	-20.44	56.68	-3.12	PK
2	2390	55.87	74.00	-18.13	58.64	-2.77	PK
! 3	2462	119.25	74.00	45.25	121.70	-2.45	PK
4	2483.5	60.75	74.00	-13.25	63.12	-2.37	PK
5	2488.6	62.34	74.00	-11.66	64.68	-2.34	PK
6	2500	58.60	74.00	-15.40	60.90	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11b_2462MHz		

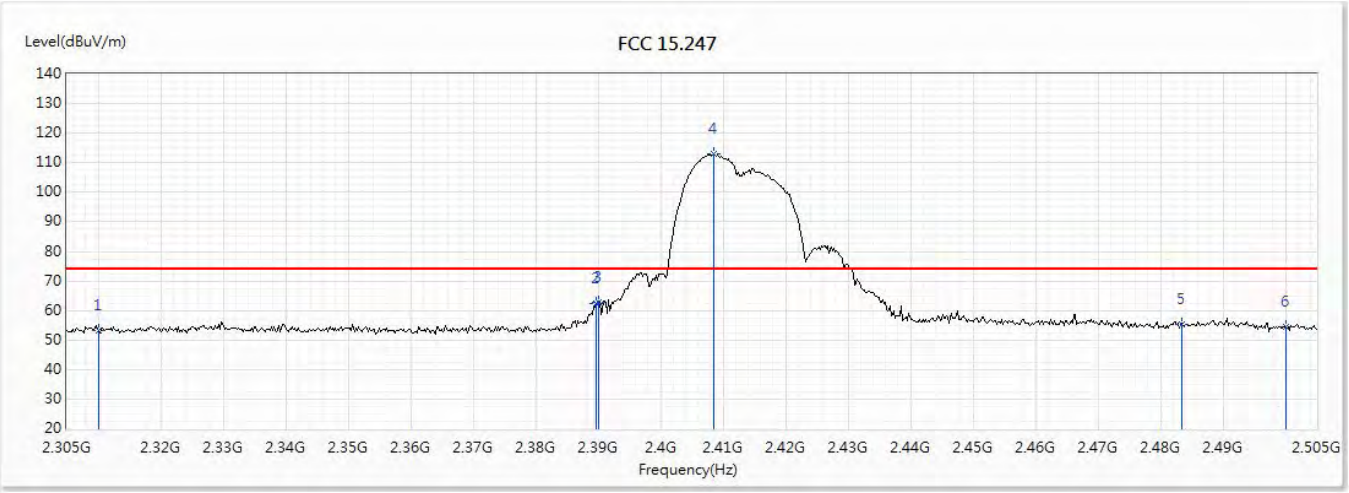


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	41.68	54.00	-12.32	44.80	-3.12	AV
2	2390	43.97	54.00	-10.03	46.74	-2.77	AV
! 3	2461.2	115.88	54.00	61.88	118.33	-2.45	AV
4	2483.5	50.55	54.00	-3.45	52.92	-2.37	AV
5	2488	52.65	54.00	-1.35	55.00	-2.35	AV
6	2500	47.21	54.00	-6.79	49.51	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11g_2412MHz		

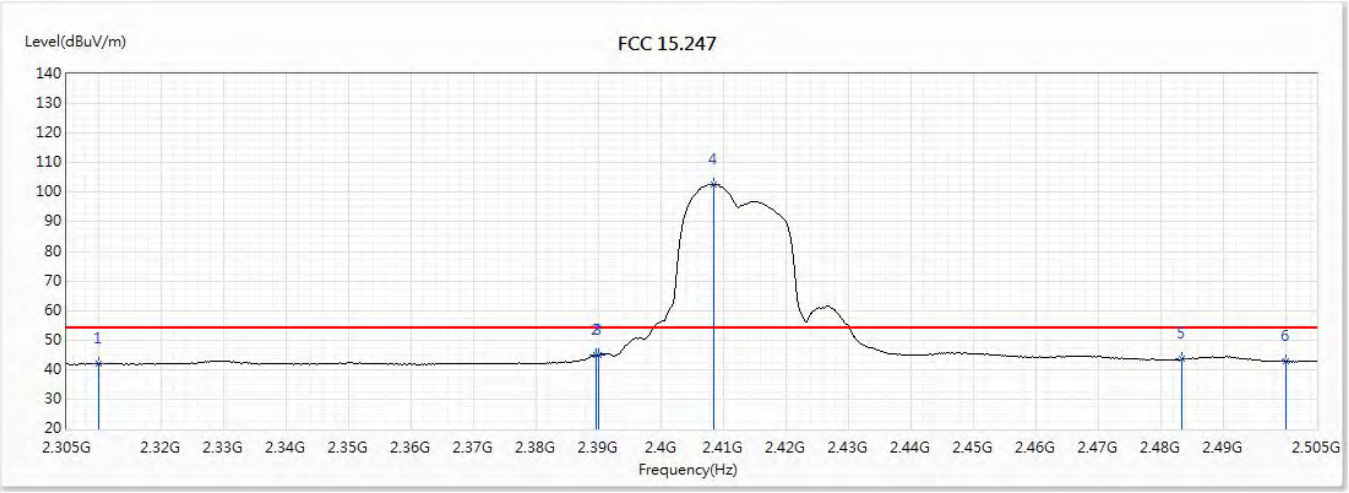


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	53.32	74.00	-20.68	56.44	-3.12	PK
2	2389.8	62.45	74.00	-11.55	65.22	-2.77	PK
3	2390	62.91	74.00	-11.09	65.68	-2.77	PK
! 4	2408.6	112.81	74.00	38.81	115.49	-2.68	PK
5	2483.5	55.10	74.00	-18.90	57.47	-2.37	PK
6	2500	54.6	74.00	-19.40	56.90	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11g_2412MHz		

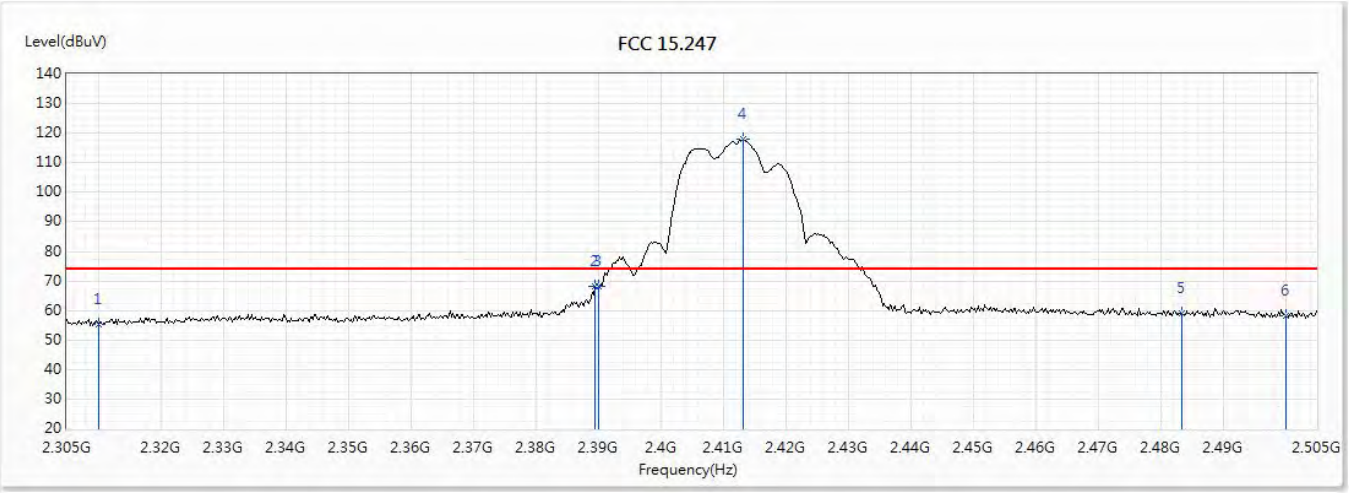


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	42.02	54.00	-11.98	45.14	-3.12	AV
2	2389.8	45.12	54.00	-8.88	47.89	-2.77	AV
3	2390	45.10	54.00	-8.90	47.87	-2.77	AV
! 4	2408.6	102.81	54.00	48.81	105.49	-2.68	AV
5	2483.5	43.59	54.00	-10.41	45.96	-2.37	AV
6	2500	42.75	54.00	-11.25	45.05	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11g_2412MHz		

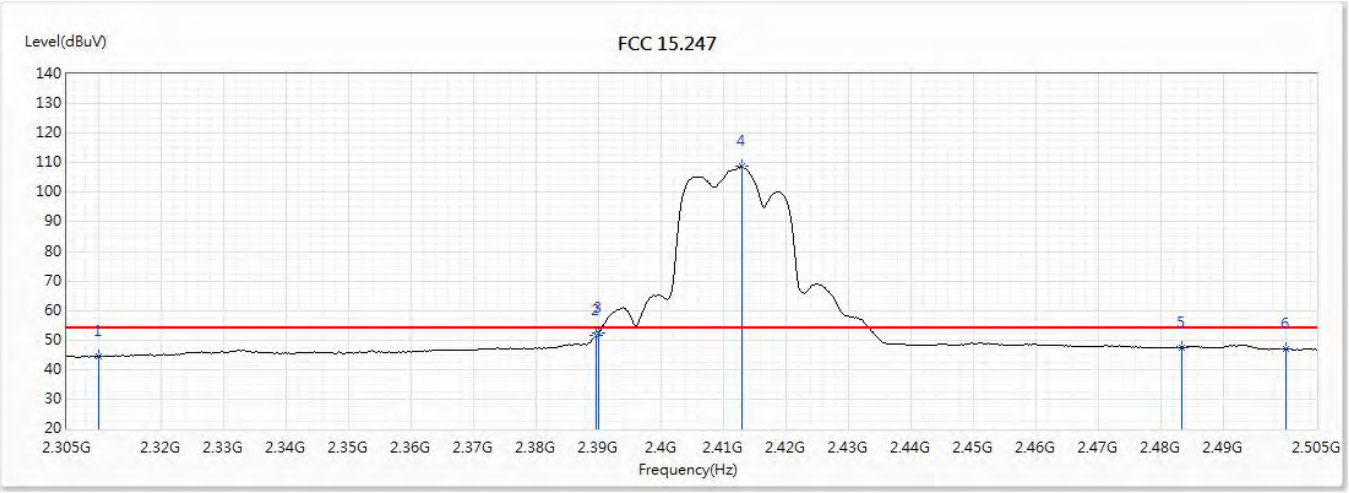


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	55.42	74.00	-18.58	58.54	-3.12	PK
2	2389.6	67.99	74.00	-6.01	70.76	-2.77	PK
3	2390	67.99	74.00	-6.01	70.76	-2.77	PK
! 4	2413.2	117.81	74.00	43.81	120.47	-2.66	PK
5	2483.5	59.01	74.00	-14.99	61.38	-2.37	PK
6	2500	58.26	74.00	-15.74	60.56	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11g_2412MHz		

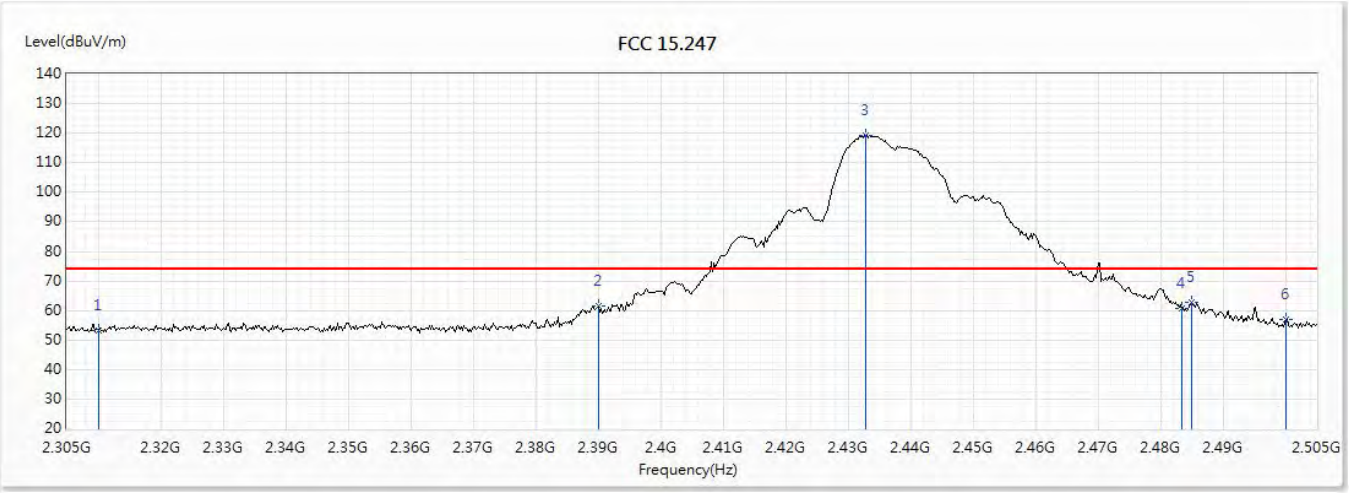


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	44.43	54.00	-9.57	47.55	-3.12	AV
2	2389.8	51.66	54.00	-2.34	54.43	-2.77	AV
3	2390	52.27	54.00	-1.73	55.04	-2.77	AV
! 4	2413	108.73	54.00	54.73	111.39	-2.66	AV
5	2483.5	47.61	54.00	-6.39	49.98	-2.37	AV
6	2500	47.00	54.00	-7.00	49.30	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11g_2437MHz		

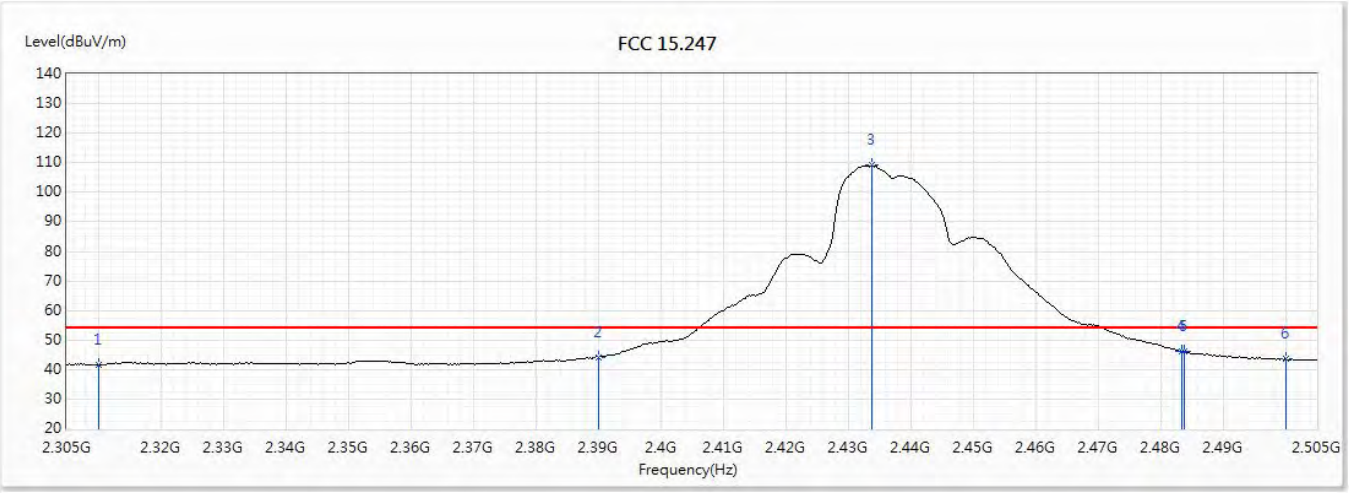


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	53.08	74.00	-20.92	56.20	-3.12	PK
2	2390	61.38	74.00	-12.62	64.15	-2.77	PK
! 3	2432.8	119.17	74.00	45.17	121.74	-2.57	PK
4	2483.5	60.63	74.00	-13.37	63.00	-2.37	PK
5	2485	62.71	74.00	-11.29	65.08	-2.37	PK
6	2500	56.89	74.00	-17.11	59.19	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11g_2437MHz		

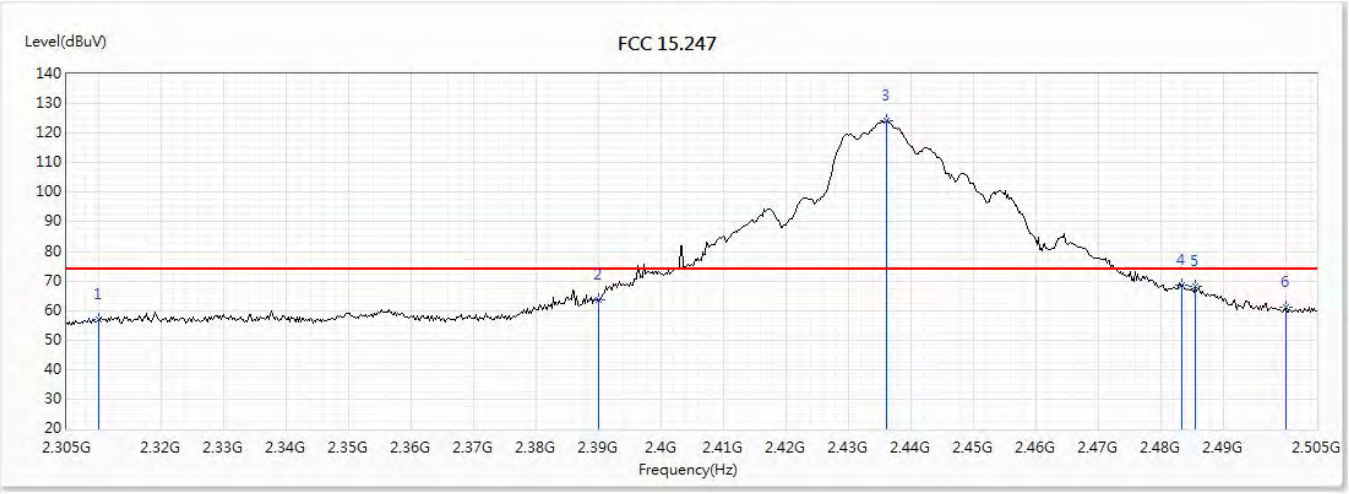


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	41.60	54.00	-12.40	44.72	-3.12	AV
2	2390	44.24	54.00	-9.76	47.01	-2.77	AV
! 3	2433.8	109.10	54.00	55.10	111.67	-2.57	AV
4	2483.5	46.06	54.00	-7.94	48.43	-2.37	AV
5	2483.8	45.96	54.00	-8.04	48.33	-2.37	AV
6	2500	43.59	54.00	-10.41	45.89	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11g_2437MHz		

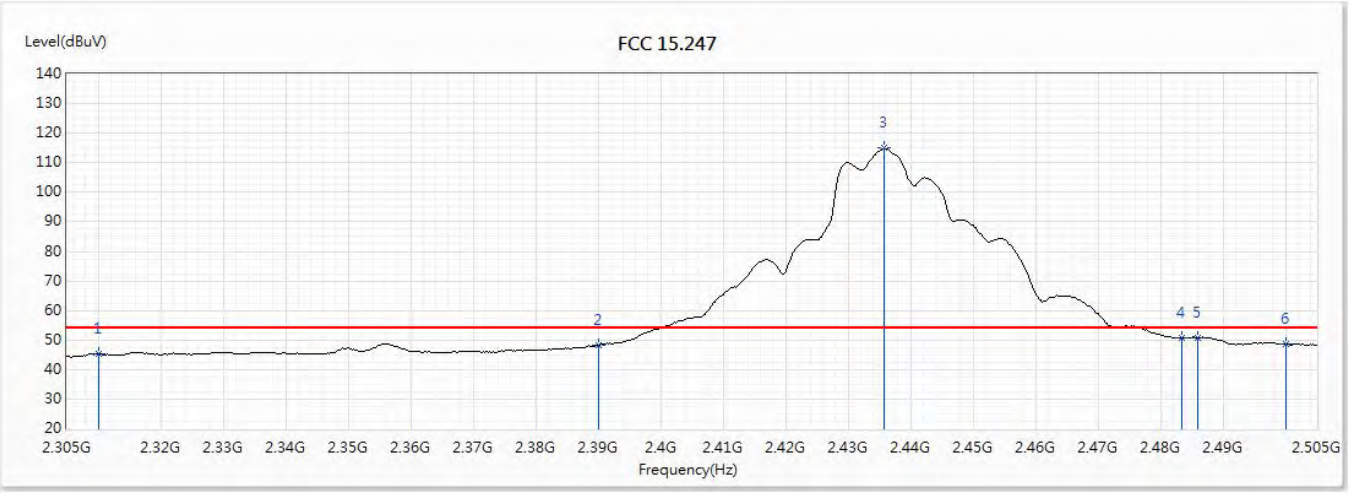


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	57.12	74.00	-16.88	60.24	-3.12	PK
2	2390	63.59	74.00	-10.41	66.36	-2.77	PK
! 3	2436.2	124.21	74.00	50.21	126.76	-2.55	PK
4	2483.5	68.51	74.00	-5.49	70.88	-2.37	PK
5	2485.6	67.99	74.00	-6.01	70.34	-2.35	PK
6	2500	60.92	74.00	-13.08	63.22	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11g_2437MHz		

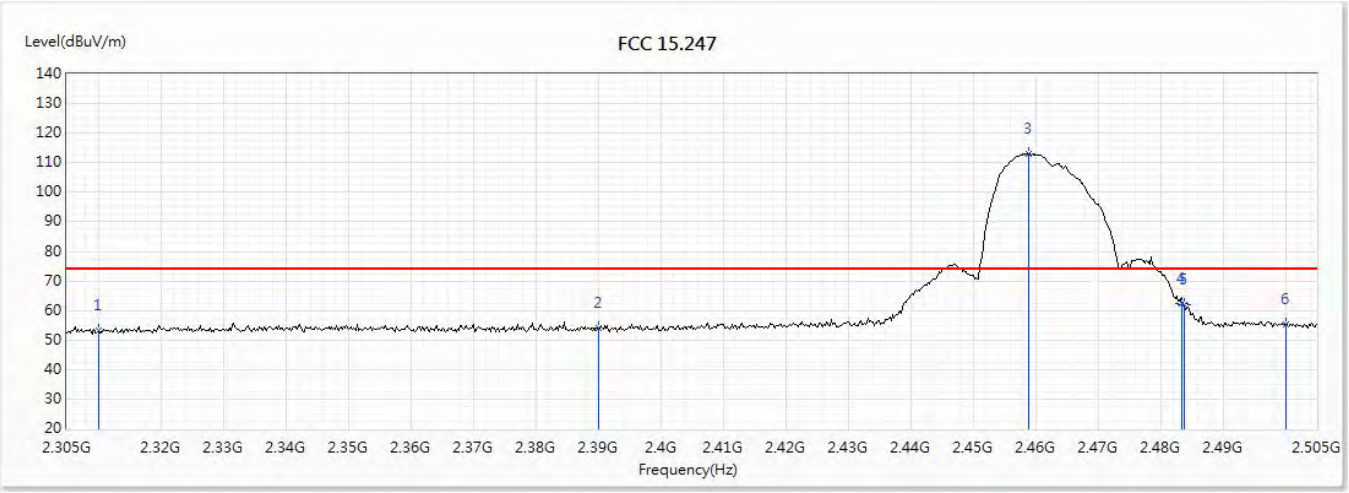


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	45.18	54.00	-8.82	48.30	-3.12	AV
2	2390	48.35	54.00	-5.65	51.12	-2.77	AV
! 3	2435.8	114.90	54.00	60.90	117.45	-2.55	AV
4	2483.5	50.74	54.00	-3.26	53.11	-2.37	AV
5	2486	50.92	54.00	-3.08	53.27	-2.35	AV
6	2500	48.73	54.00	-5.27	51.03	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11g_2462MHz		

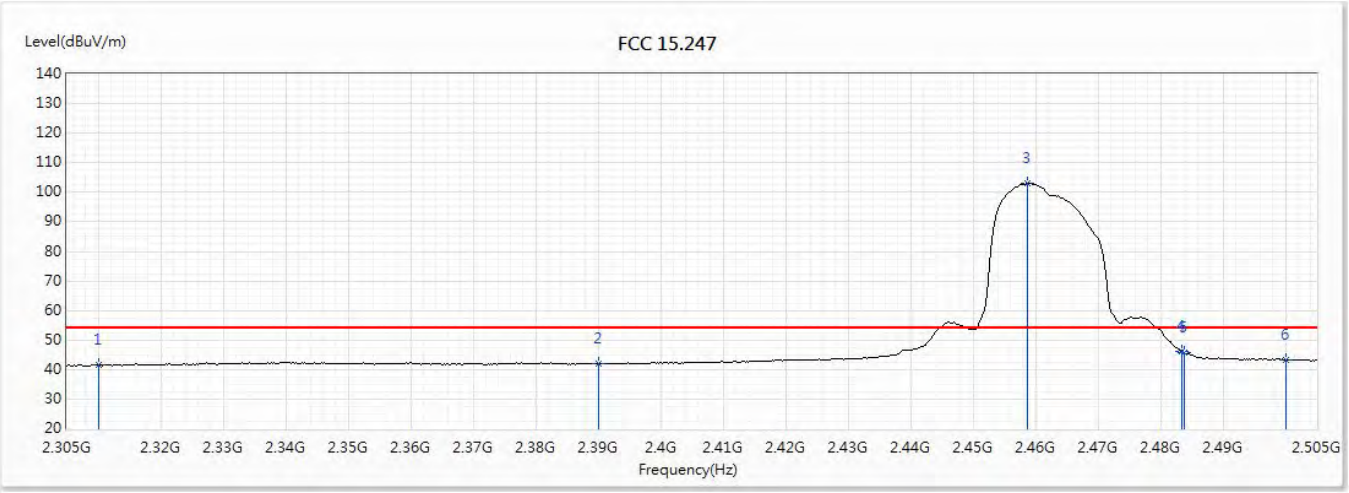


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	53.16	74.00	-20.84	56.28	-3.12	PK
2	2390	53.98	74.00	-20.02	56.75	-2.77	PK
! 3	2459	113.17	74.00	39.17	115.63	-2.46	PK
4	2483.5	62.32	74.00	-11.68	64.69	-2.37	PK
5	2483.8	61.89	74.00	-12.11	64.26	-2.37	PK
6	2500	55.49	74.00	-18.51	57.79	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11g_2462MHz		

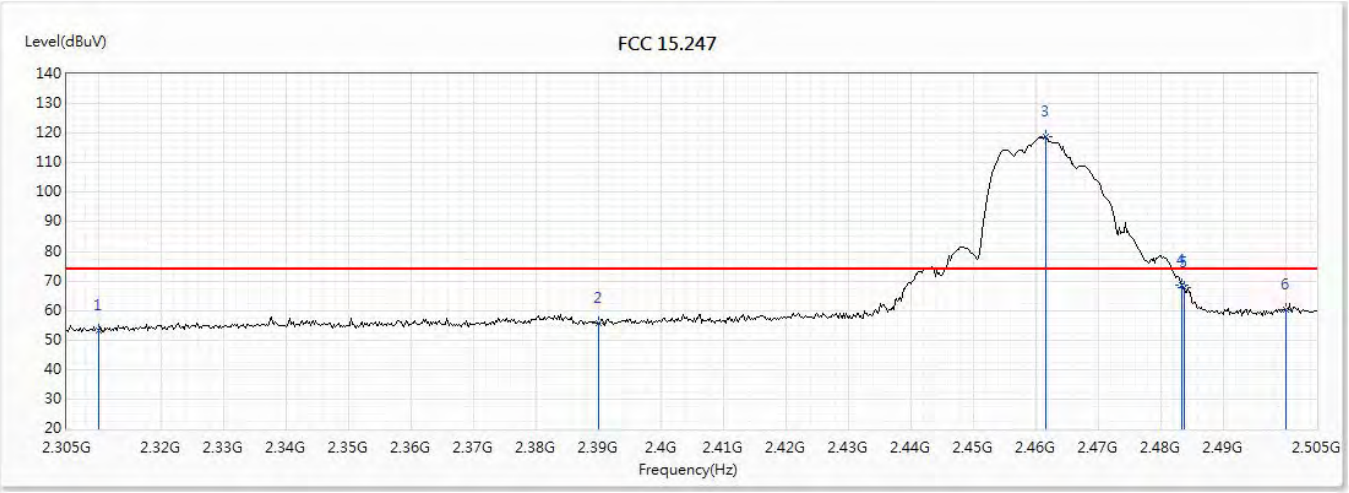


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	41.56	54.00	-12.44	44.68	-3.12	AV
2	2390	42.05	54.00	-11.95	44.82	-2.77	AV
! 3	2458.8	102.98	54.00	48.98	105.44	-2.46	AV
4	2483.5	46.12	54.00	-7.88	48.49	-2.37	AV
5	2483.8	45.84	54.00	-8.16	48.21	-2.37	AV
6	2500	43.34	54.00	-10.66	45.64	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11g_2462MHz		

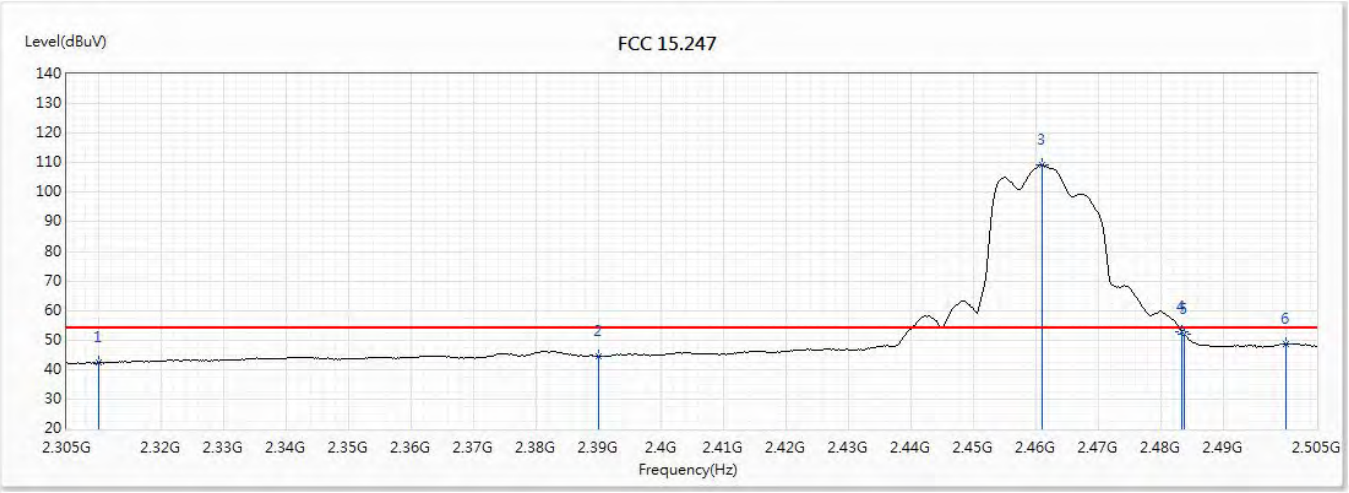


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	53.38	74.00	-20.62	56.50	-3.12	PK
2	2390	55.86	74.00	-18.14	58.63	-2.77	PK
! 3	2461.6	118.85	74.00	44.85	121.30	-2.45	PK
4	2483.5	68.51	74.00	-5.49	70.88	-2.37	PK
5	2483.8	67.92	74.00	-6.08	70.29	-2.37	PK
6	2500	60.39	74.00	-13.61	62.69	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11g_2462MHz		

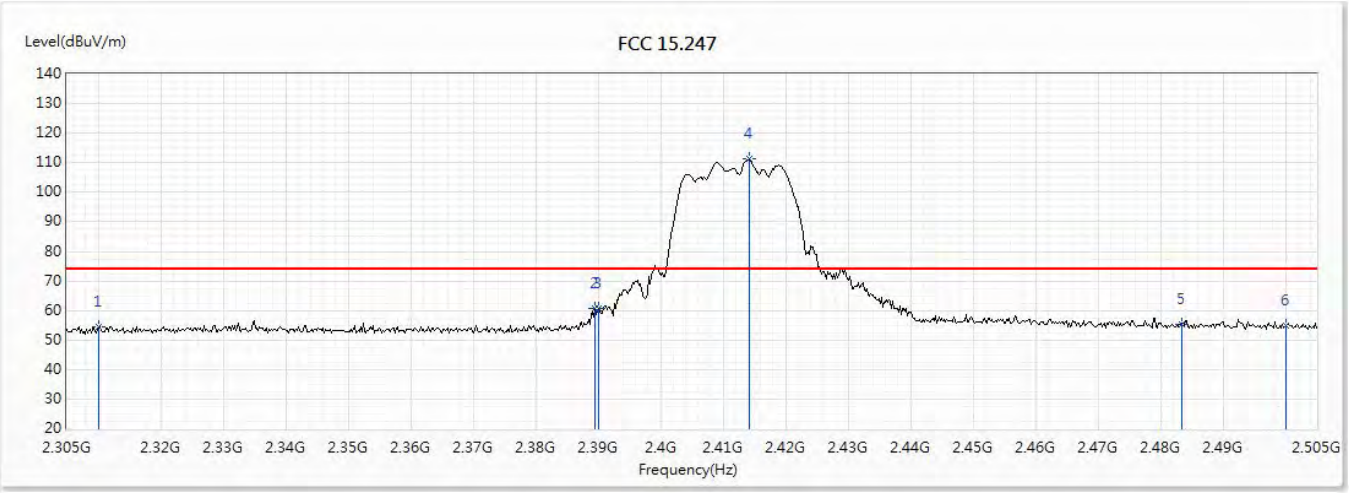


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	42.22	54.00	-11.78	45.34	-3.12	AV
2	2390	44.49	54.00	-9.51	47.26	-2.77	AV
! 3	2461	109.38	54.00	55.38	111.83	-2.45	AV
4	2483.5	52.95	54.00	-1.05	55.32	-2.37	AV
5	2483.8	52.12	54.00	-1.88	54.49	-2.37	AV
6	2500	48.70	54.00	-5.30	51.00	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(20M)_2412MHz		

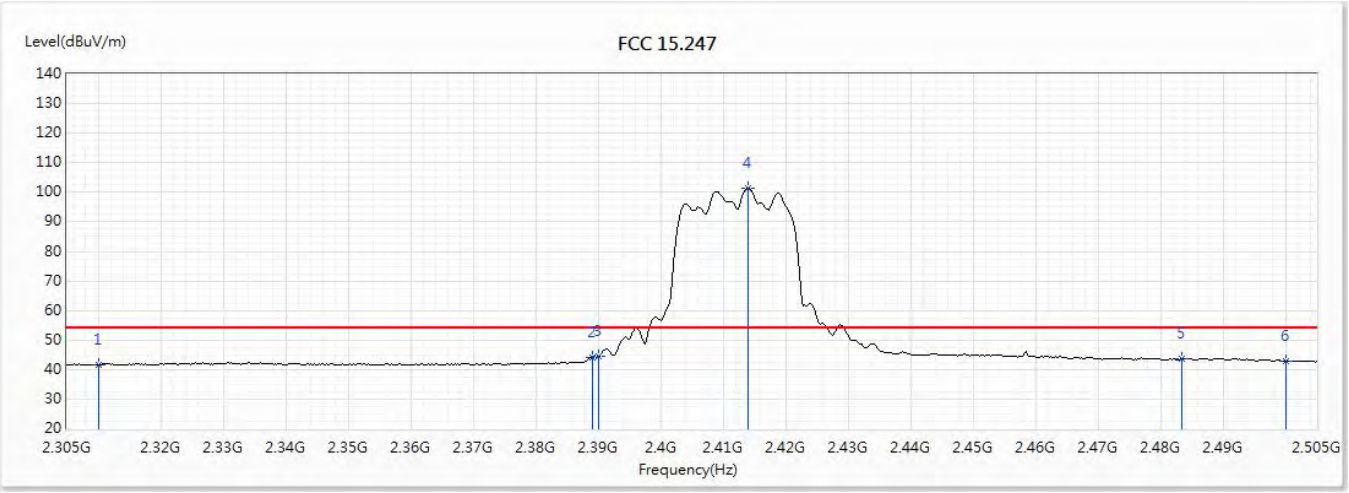


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	54.33	74.00	-19.67	57.45	-3.12	PK
2	2389.6	60.80	74.00	-13.20	63.57	-2.77	PK
3	2390	60.65	74.00	-13.35	63.42	-2.77	PK
! 4	2414.2	111.15	74.00	37.15	113.8	-2.65	PK
5	2483.5	55.16	74.00	-18.84	57.53	-2.37	PK
6	2500	54.93	74.00	-19.07	57.23	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(20M)_2412MHz		

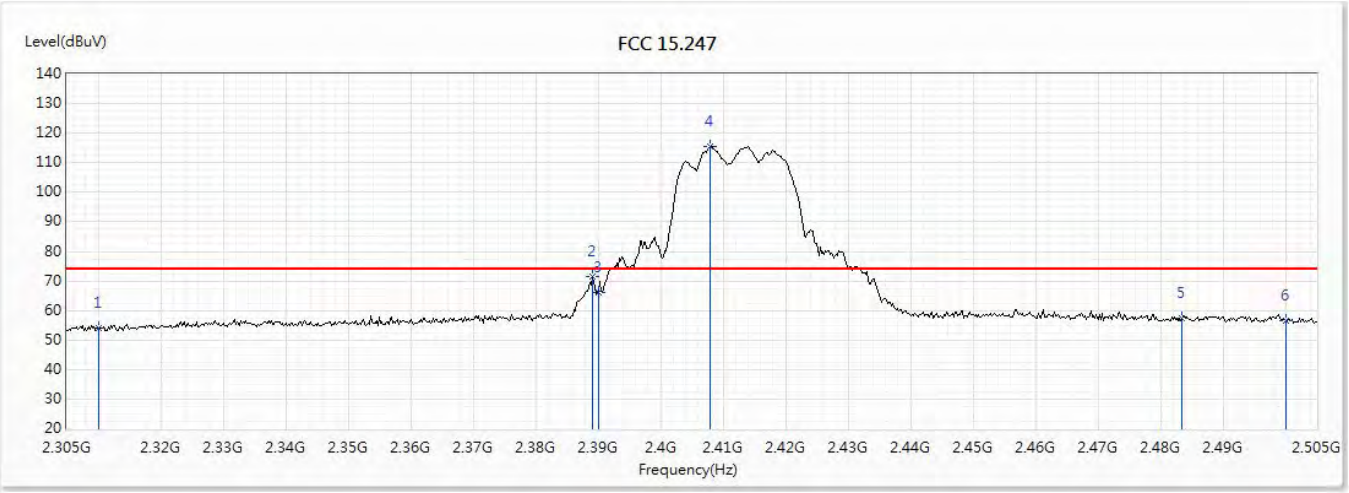


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	41.56	54.00	-12.44	44.68	-3.12	AV
2	2389.2	44.21	54.00	-9.79	46.98	-2.77	AV
3	2390	44.44	54.00	-9.56	47.21	-2.77	AV
! 4	2414	101.47	54.00	47.47	104.12	-2.65	AV
5	2483.5	43.50	54.00	-10.50	45.87	-2.37	AV
6	2500	42.80	54.00	-11.20	45.10	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(20M)_2412MHz		

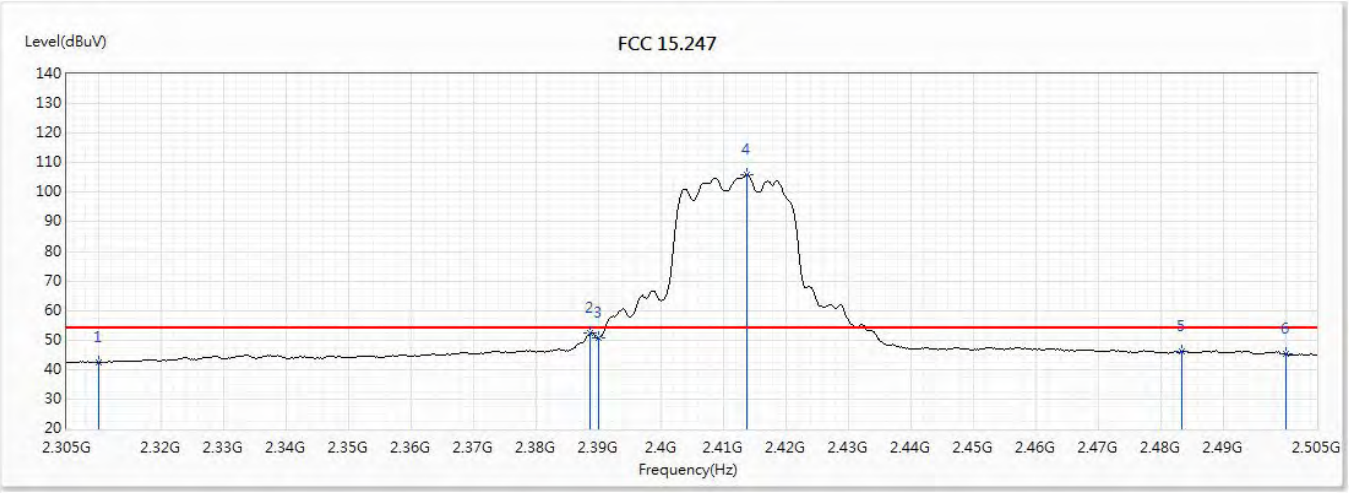


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	54.00	74.00	-20.00	57.12	-3.12	PK
2	2389.2	71.50	74.00	-2.50	74.27	-2.77	PK
3	2390	65.96	74.00	-8.04	68.73	-2.77	PK
! 4	2408	115.60	74.00	41.60	118.28	-2.68	PK
5	2483.5	57.56	74.00	-16.44	59.93	-2.37	PK
6	2500	56.51	74.00	-17.49	58.81	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(20M)_2412MHz		

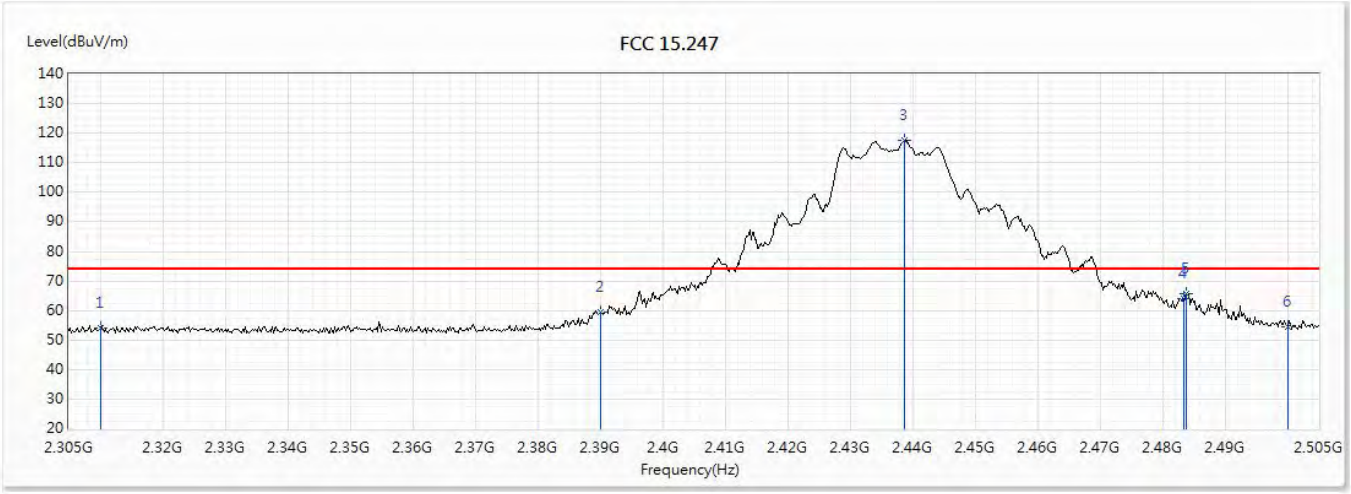


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	42.43	54.00	-11.57	45.55	-3.12	AV
2	2388.8	52.35	54.00	-1.65	55.12	-2.77	AV
3	2390	50.73	54.00	-3.27	53.50	-2.77	AV
! 4	2413.8	106.05	54.00	52.05	108.70	-2.65	AV
5	2483.5	46.08	54.00	-7.92	48.45	-2.37	AV
6	2500	45.32	54.00	-8.68	47.62	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(20M)_2437MHz		

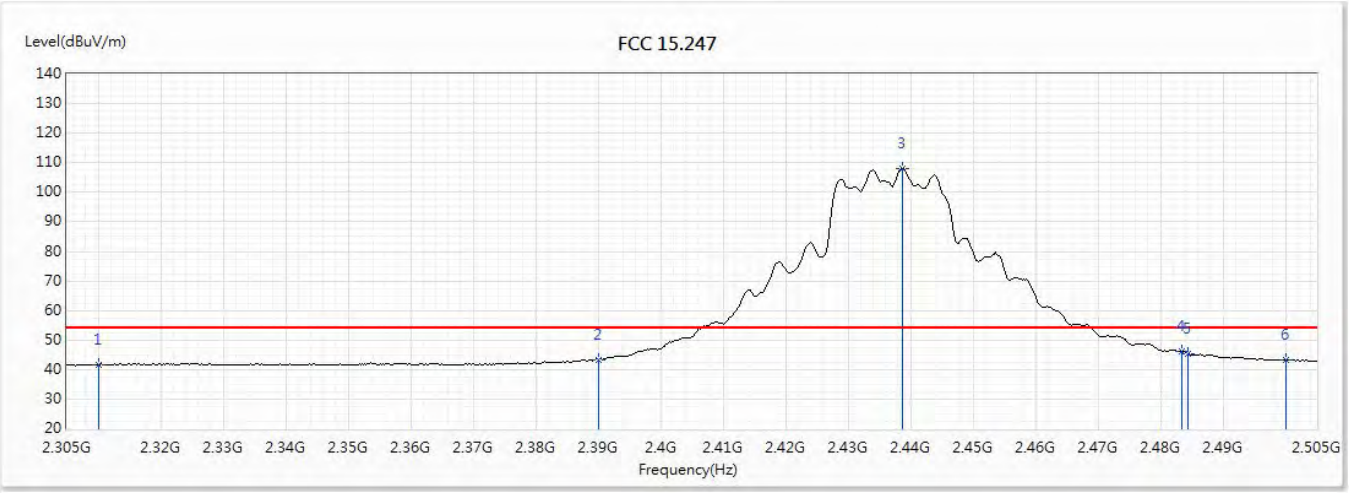


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	54.03	74.00	-19.97	57.15	-3.12	PK
2	2390	59.61	74.00	-14.39	62.38	-2.77	PK
! 3	2438.8	117.55	74.00	43.55	120.09	-2.54	PK
4	2483.5	63.92	74.00	-10.08	66.29	-2.37	PK
5	2483.8	65.78	74.00	-8.22	68.15	-2.37	PK
6	2500	54.29	74.00	-19.71	56.59	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(20M)_2437MHz		

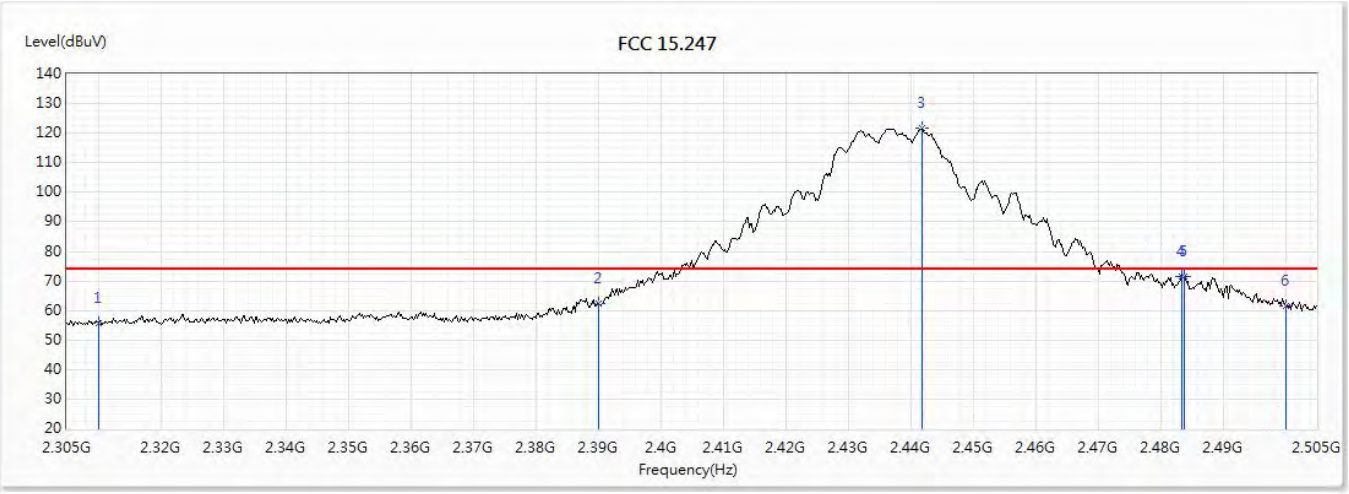


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	41.53	54.00	-12.47	44.65	-3.12	AV
2	2390	43.18	54.00	-10.82	45.95	-2.77	AV
! 3	2438.8	108.06	54.00	54.06	110.60	-2.54	AV
4	2483.5	46.15	54.00	-7.85	48.52	-2.37	AV
5	2484.4	45.52	54.00	-8.48	47.89	-2.37	AV
6	2500	43.11	54.00	-10.89	45.41	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(20M)_2437MHz		

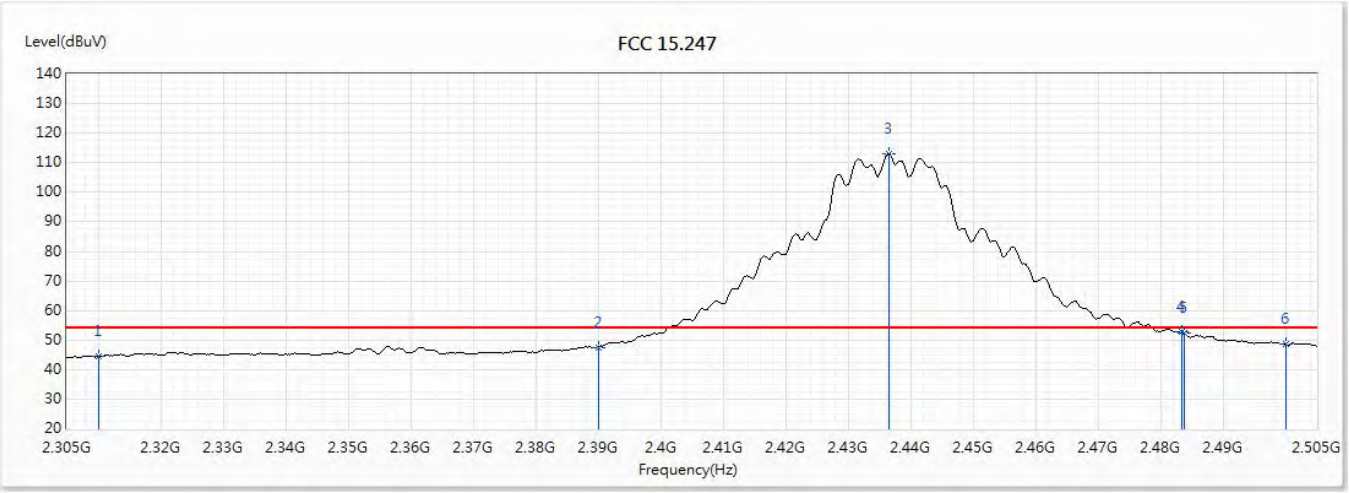


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	55.87	74.00	-18.13	58.99	-3.12	PK
2	2390	62.26	74.00	-11.74	65.03	-2.77	PK
! 3	2441.8	121.74	74.00	47.74	124.27	-2.53	PK
4	2483.5	71.54	74.00	-2.46	73.91	-2.37	PK
5	2483.8	71.31	74.00	-2.69	73.68	-2.37	PK
6	2500	61.63	74.00	-12.37	63.93	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(20M)_2437MHz		

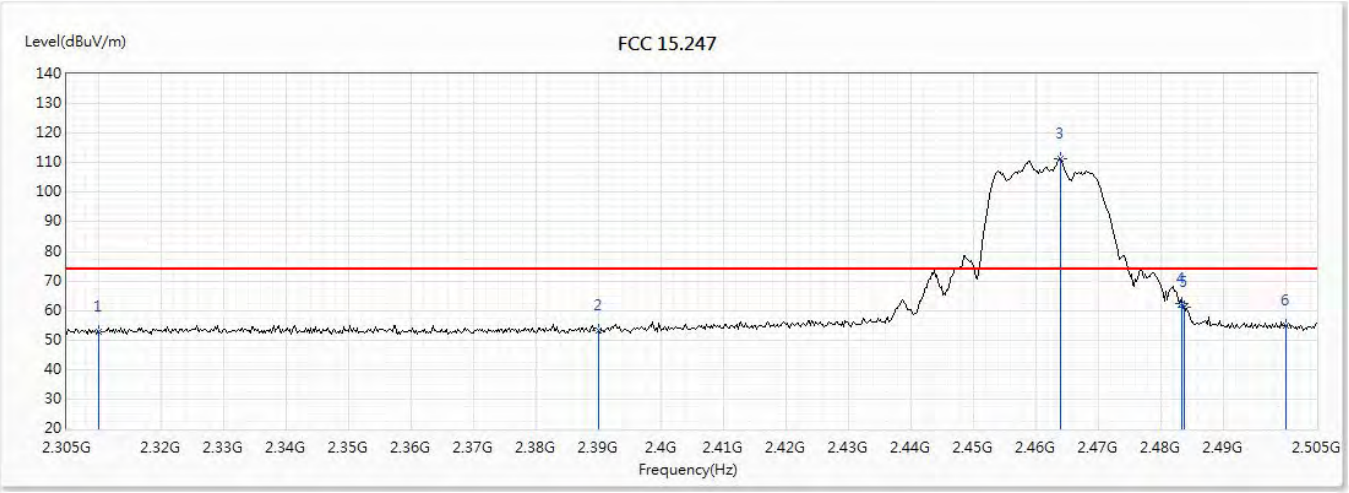


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	44.33	54.00	-9.67	47.45	-3.12	AV
2	2390	47.61	54.00	-6.39	50.38	-2.77	AV
! 3	2436.6	113.08	54.00	59.08	115.63	-2.55	AV
4	2483.5	52.62	54.00	-1.38	54.99	-2.37	AV
5	2483.8	52.29	54.00	-1.71	54.66	-2.37	AV
6	2500	48.53	54.00	-5.47	50.83	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(20M)_2462MHz		

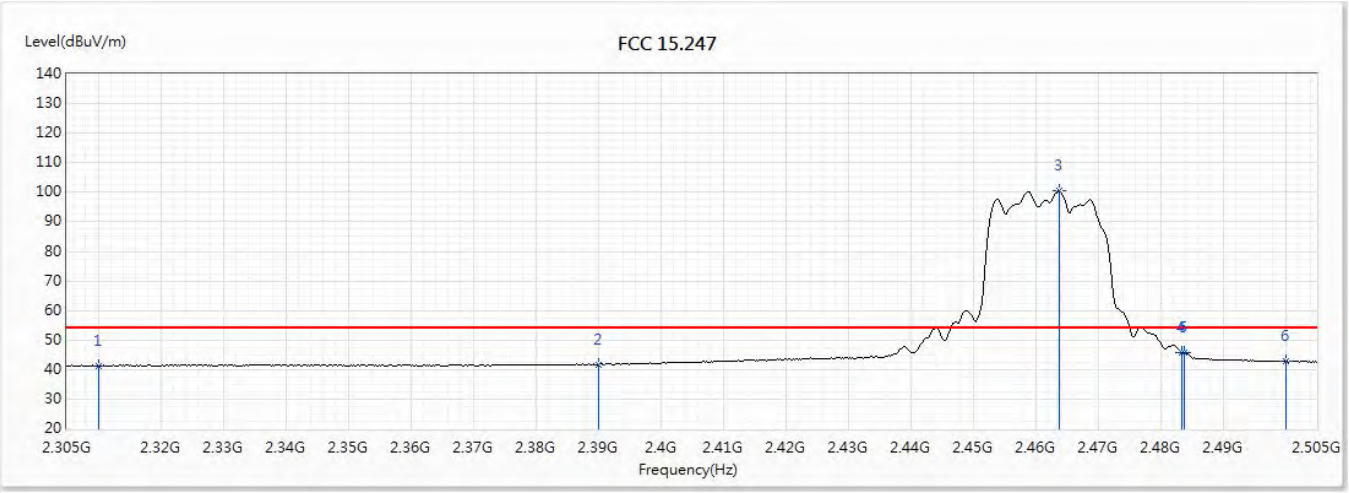


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	52.77	74.00	-21.23	55.89	-3.12	PK
2	2390	53.27	74.00	-20.73	56.04	-2.77	PK
! 3	2464	111.32	74.00	37.32	113.76	-2.44	PK
4	2483.5	62.20	74.00	-11.80	64.57	-2.37	PK
5	2483.8	61.01	74.00	-12.99	63.38	-2.37	PK
6	2500	54.80	74.00	-19.20	57.10	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(20M)_2462MHz		

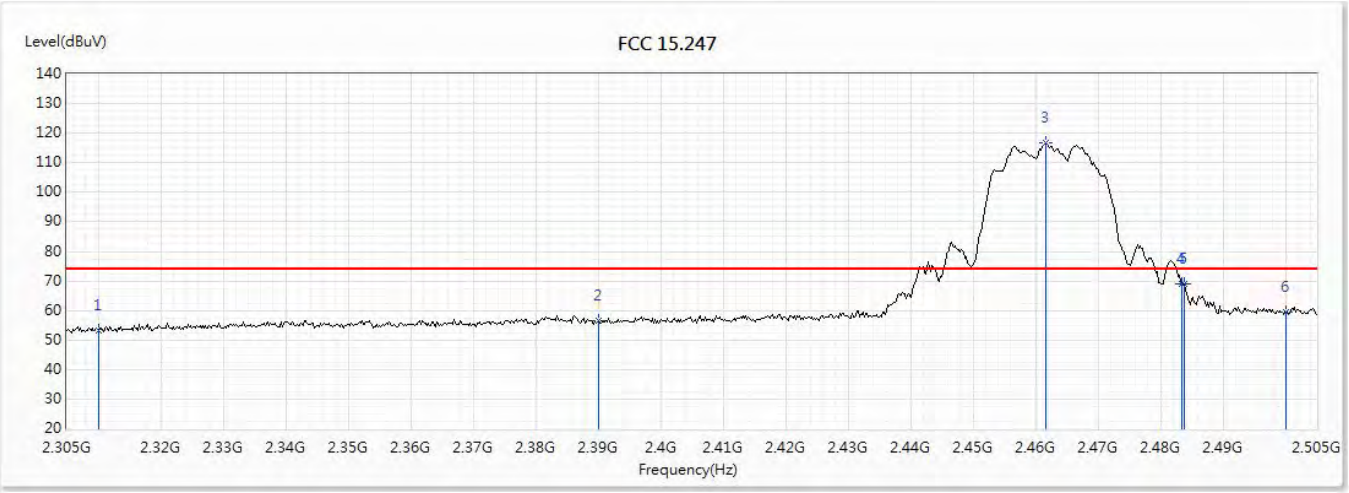


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	41.15	54.00	-12.85	44.27	-3.12	AV
2	2390	41.74	54.00	-12.26	44.51	-2.77	AV
! 3	2463.8	100.46	54.00	46.46	102.90	-2.44	AV
4	2483.5	45.82	54.00	-8.18	48.19	-2.37	AV
5	2483.8	45.87	54.00	-8.13	48.24	-2.37	AV
6	2500	42.65	54.00	-11.35	44.95	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(20M)_2462MHz		

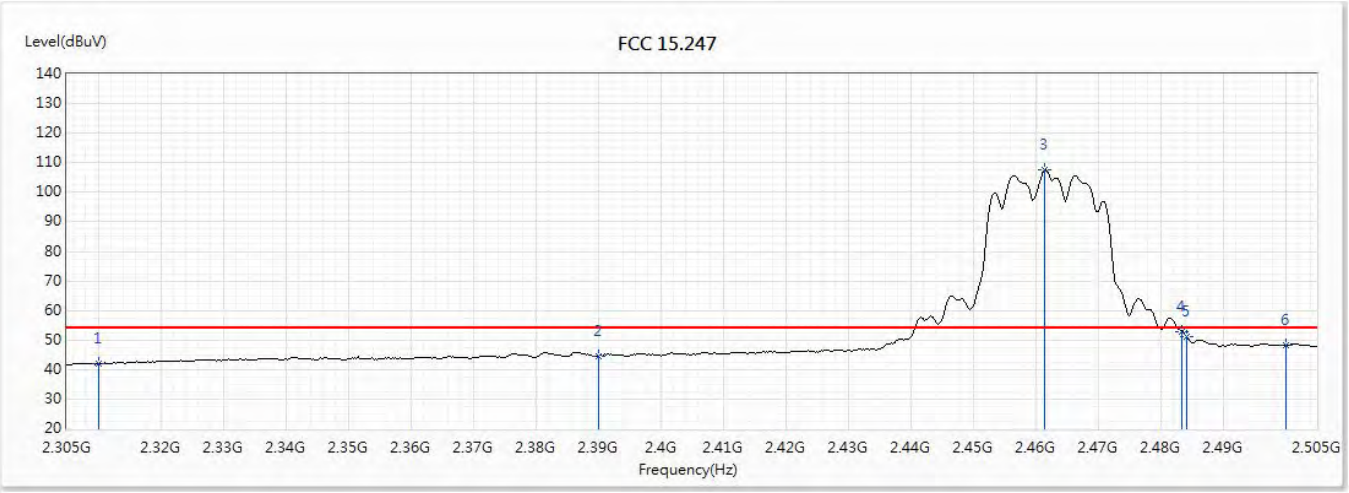


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	53.42	74.00	-20.58	56.54	-3.12	PK
2	2390	56.64	74.00	-17.36	59.41	-2.77	PK
! 3	2461.6	116.58	74.00	42.58	119.03	-2.45	PK
4	2483.5	69.14	74.00	-4.86	71.51	-2.37	PK
5	2483.8	68.91	74.00	-5.09	71.28	-2.37	PK
6	2500	59.56	74.00	-14.44	61.86	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(20M)_2462MHz		

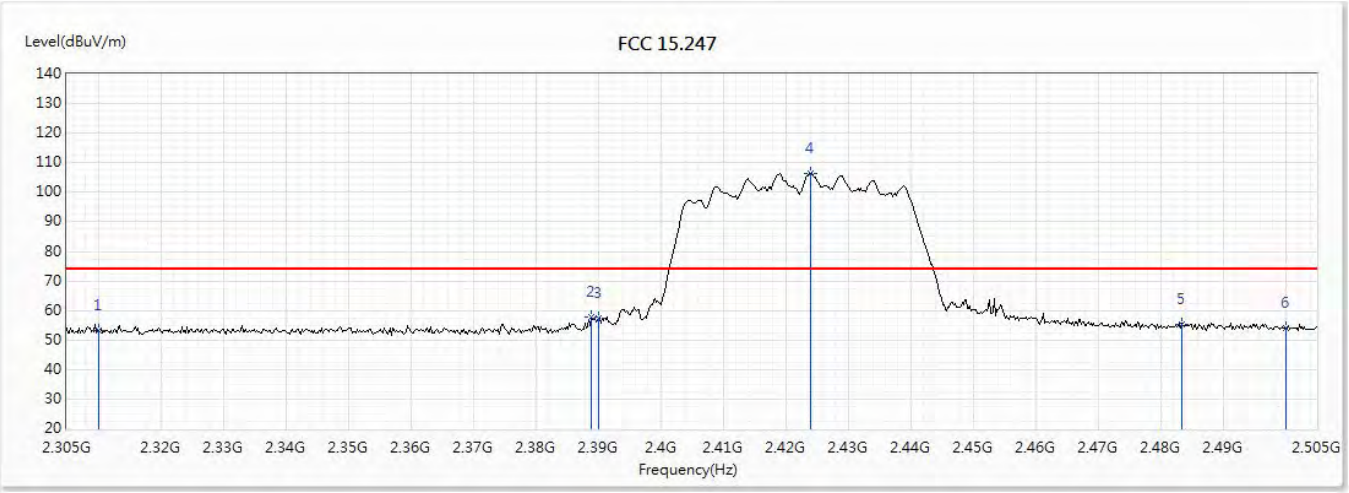


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	41.91	54.00	-12.09	45.03	-3.12	AV
2	2390	44.59	54.00	-9.41	47.36	-2.77	AV
! 3	2461.4	107.62	54.00	53.62	110.07	-2.45	AV
4	2483.5	52.93	54.00	-1.07	55.30	-2.37	AV
5	2484.2	51.21	54.00	-2.79	53.58	-2.37	AV
6	2500	48.07	54.00	-5.93	50.37	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(40M)_2422MHz		

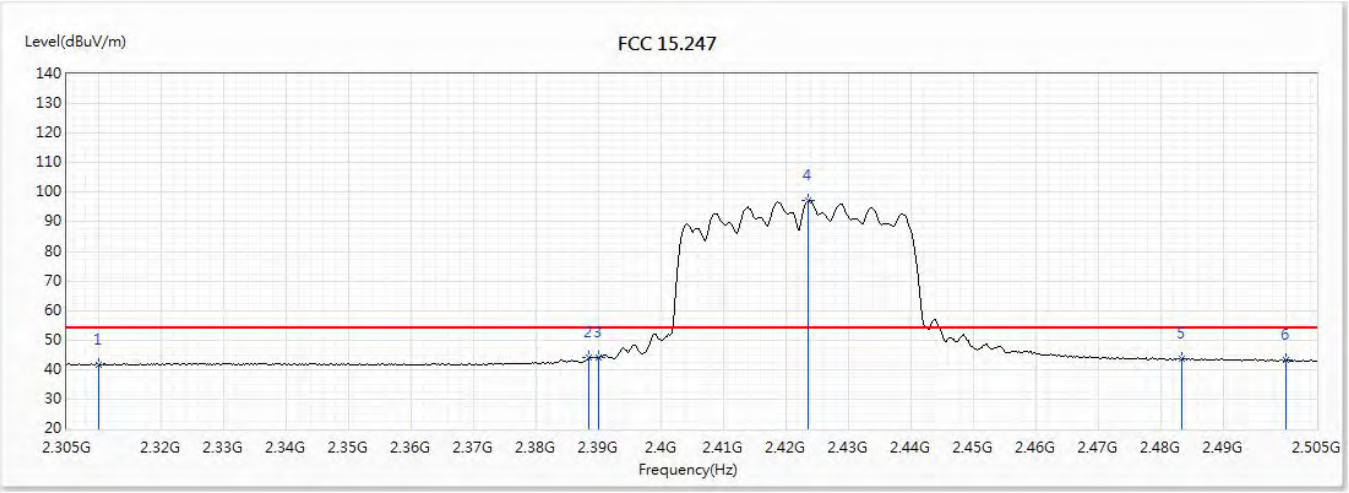


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	53.23	74.00	-20.77	56.35	-3.12	PK
2	2389	57.91	74.00	-16.09	60.68	-2.77	PK
3	2390	57.25	74.00	-16.75	60.02	-2.77	PK
! 4	2424	106.51	74.00	32.51	109.11	-2.60	PK
5	2483.5	55.39	74.00	-18.61	57.76	-2.37	PK
6	2500	53.91	74.00	-20.09	56.21	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(40M)_2422MHz		

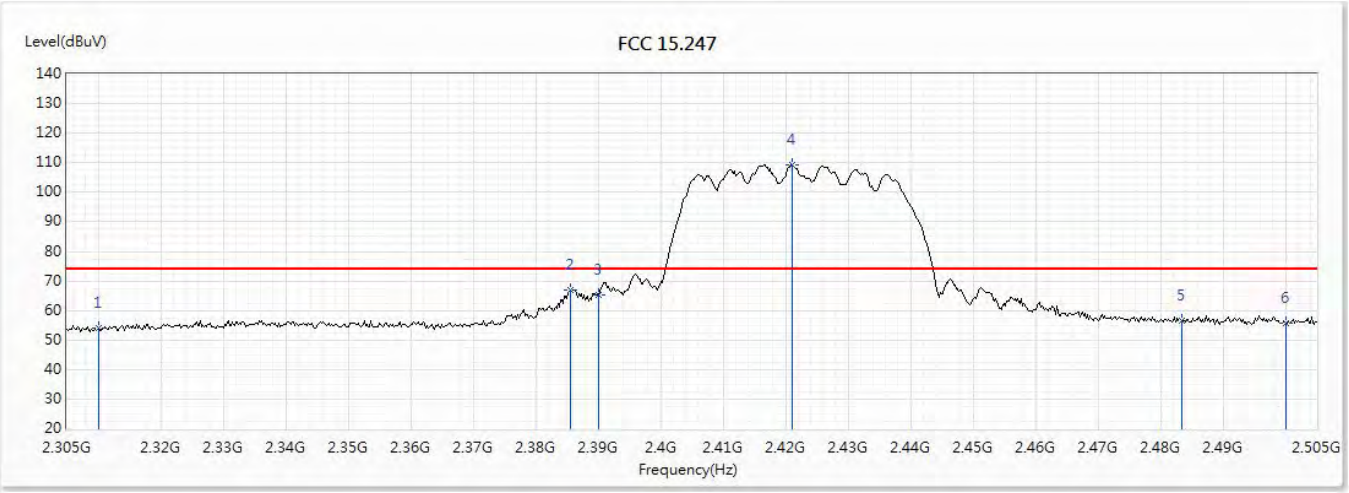


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	41.60	54.00	-12.40	44.72	-3.12	AV
2	2388.6	44.20	54.00	-9.80	46.97	-2.77	AV
3	2390	43.93	54.00	-10.07	46.70	-2.77	AV
! 4	2423.6	97.30	54.00	43.30	99.91	-2.61	AV
5	2483.5	43.47	54.00	-10.53	45.84	-2.37	AV
6	2500	43.09	54.00	-10.91	45.39	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(40M)_2422MHz		

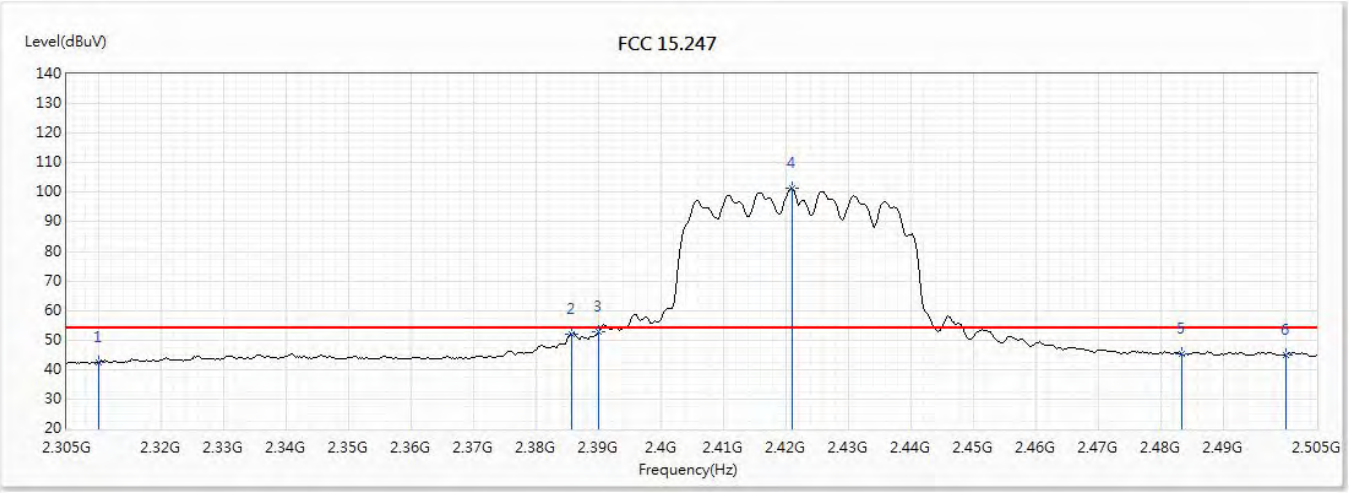


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	54.20	74.00	-19.80	57.32	-3.12	PK
2	2385.6	66.95	74.00	-7.05	69.73	-2.78	PK
3	2390	65.23	74.00	-8.77	68.00	-2.77	PK
! 4	2421	109.23	74.00	35.23	111.85	-2.62	PK
5	2483.5	56.35	74.00	-17.65	58.72	-2.37	PK
6	2500	55.65	74.00	-18.35	57.95	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(40M)_2422MHz		

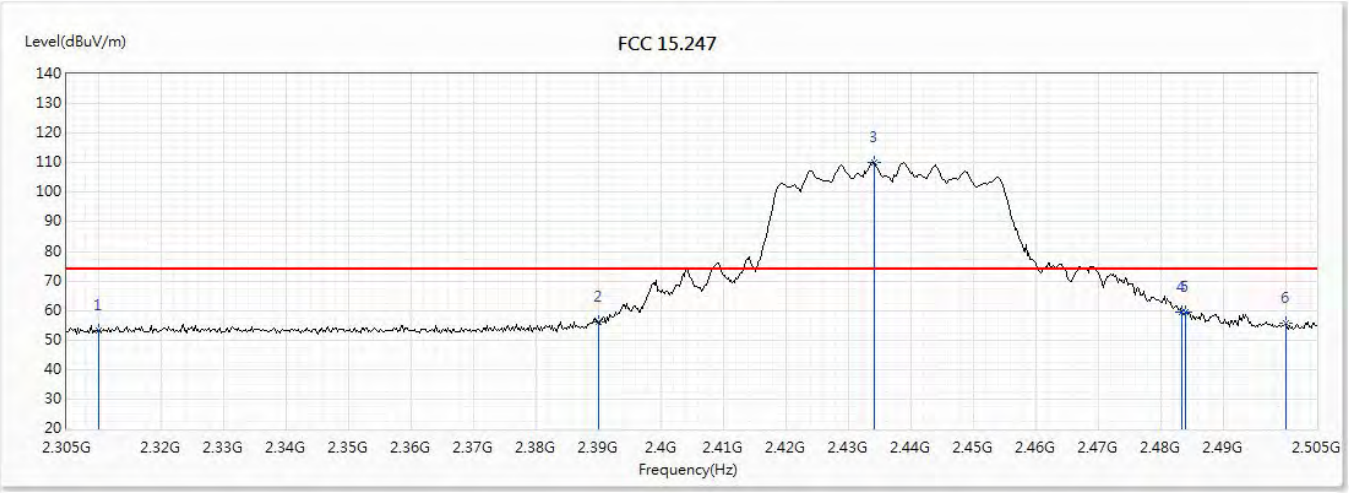


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	42.59	54.00	-11.41	45.71	-3.12	AV
2	2385.8	52.17	54.00	-1.83	54.95	-2.78	AV
3	2390	52.60	54.00	-1.40	55.37	-2.77	AV
! 4	2421	101.42	54.00	47.42	104.04	-2.62	AV
5	2483.5	45.13	54.00	-8.87	47.50	-2.37	AV
6	2500	44.95	54.00	-9.05	47.25	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(40M)_2437MHz		

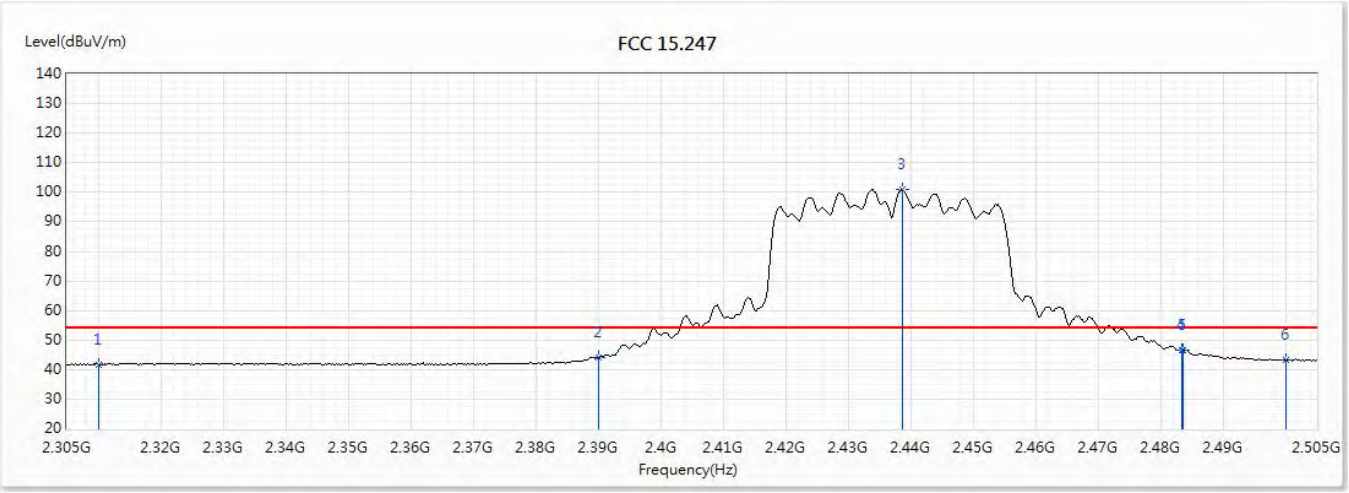


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	53.06	74.00	-20.94	56.18	-3.12	PK
2	2390	56.18	74.00	-17.82	58.95	-2.77	PK
! 3	2434.2	110.27	74.00	36.27	112.83	-2.56	PK
4	2483.5	59.6	74.00	-14.40	61.97	-2.37	PK
5	2484	59.39	74.00	-14.61	61.76	-2.37	PK
6	2500	55.87	74.00	-18.13	58.17	-2.3	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(40M)_2437MHz		

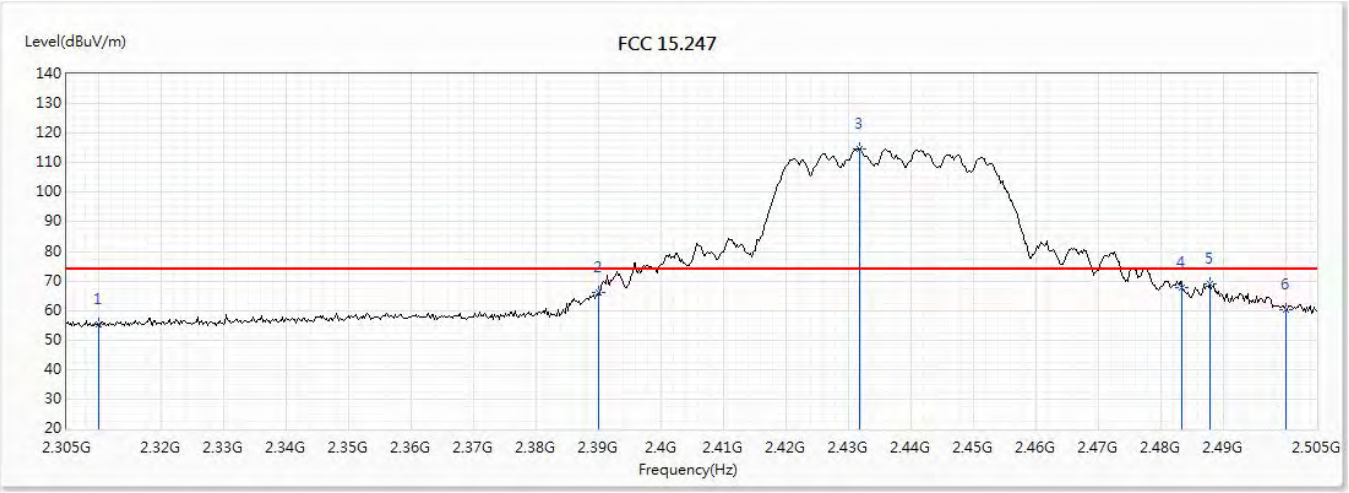


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	41.71	54.00	-12.29	44.83	-3.12	AV
2	2390	43.94	54.00	-10.06	46.71	-2.77	AV
! 3	2438.8	100.93	54.00	46.93	103.47	-2.54	AV
4	2483.5	46.71	54.00	-7.29	49.08	-2.37	AV
5	2483.6	46.77	54.00	-7.23	49.14	-2.37	AV
6	2500	43.18	54.00	-10.82	45.48	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/3
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(40M)_2437MHz		

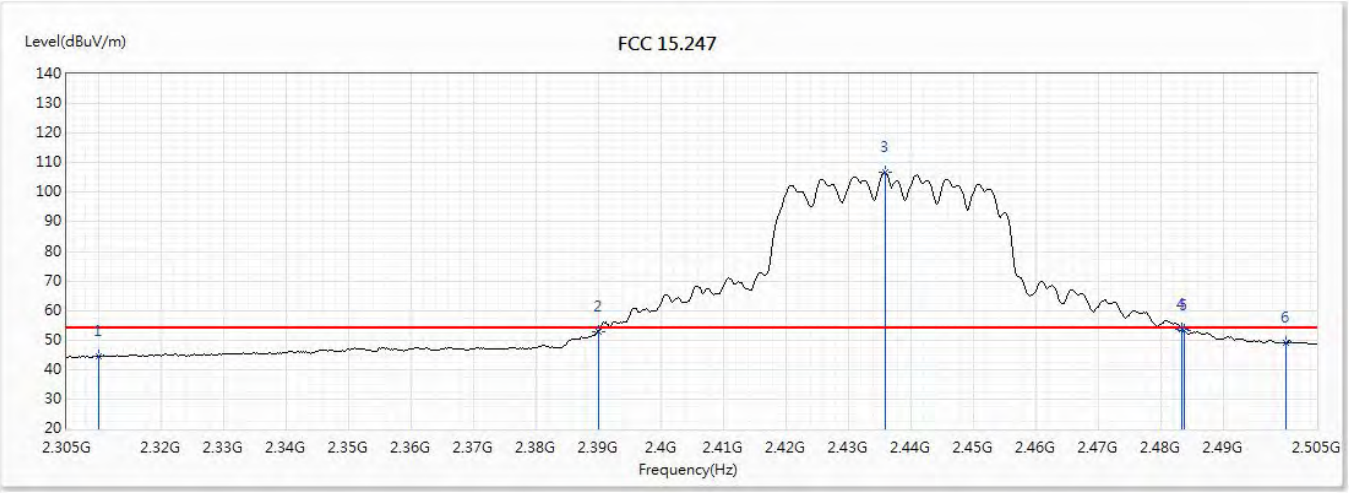


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	55.10	74.00	-18.90	58.22	-3.12	PK
2	2390	66.28	74.00	-7.72	69.05	-2.77	PK
! 3	2431.8	114.76	74.00	40.76	117.34	-2.58	PK
4	2483.5	67.65	74.00	-6.35	70.02	-2.37	PK
5	2488	68.79	74.00	-5.21	71.14	-2.35	PK
6	2500	60.39	74.00	-13.61	62.69	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/3
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(40M)_2437MHz		

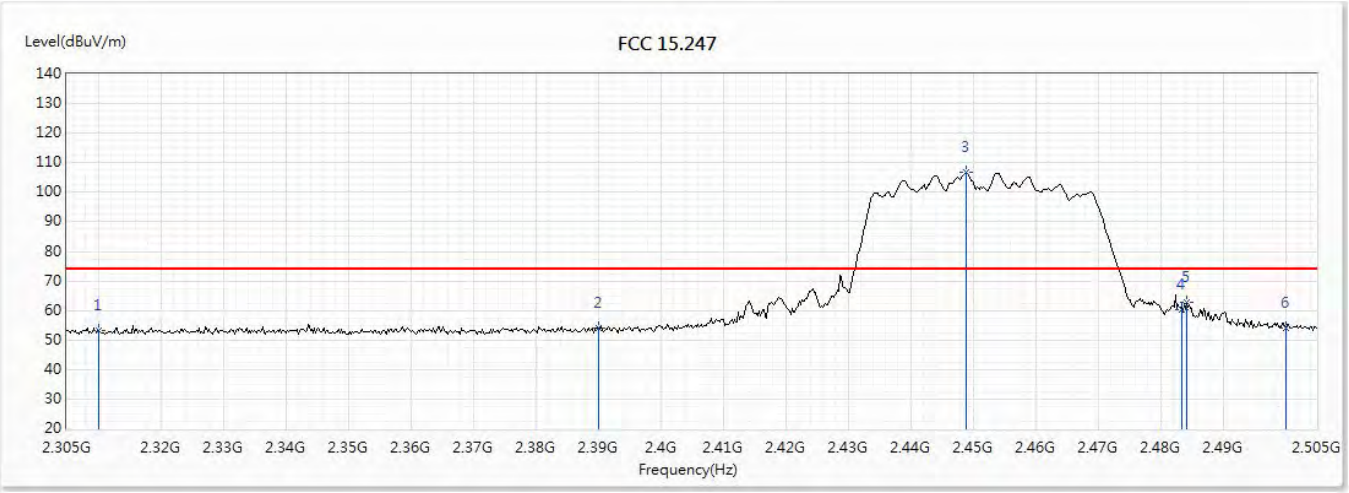


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	44.51	54.00	-9.49	47.63	-3.12	AV
2	2390	52.96	54.00	-1.04	55.73	-2.77	AV
! 3	2436	106.75	54.00	52.75	109.30	-2.55	AV
4	2483.5	53.72	54.00	-0.28	56.09	-2.37	AV
5	2483.8	53.12	54.00	-0.88	55.49	-2.37	AV
6	2500	48.93	54.00	-5.07	51.23	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(40M)_2452MHz		

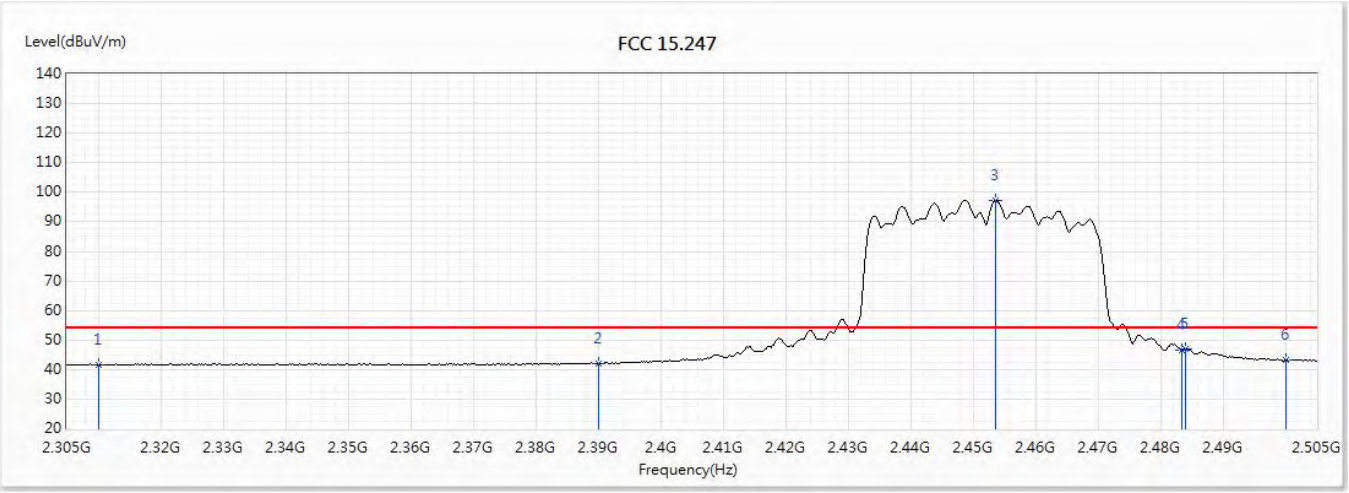


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	53.07	74.00	-20.93	56.19	-3.12	PK
2	2390	53.86	74.00	-20.14	56.63	-2.77	PK
! 3	2449	106.68	74.00	32.68	109.18	-2.50	PK
4	2483.5	60.41	74.00	-13.59	62.78	-2.37	PK
5	2484.2	62.80	74.00	-11.20	65.17	-2.37	PK
6	2500	54.18	74.00	-19.82	56.48	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/8/12
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(40M)_2452MHz		

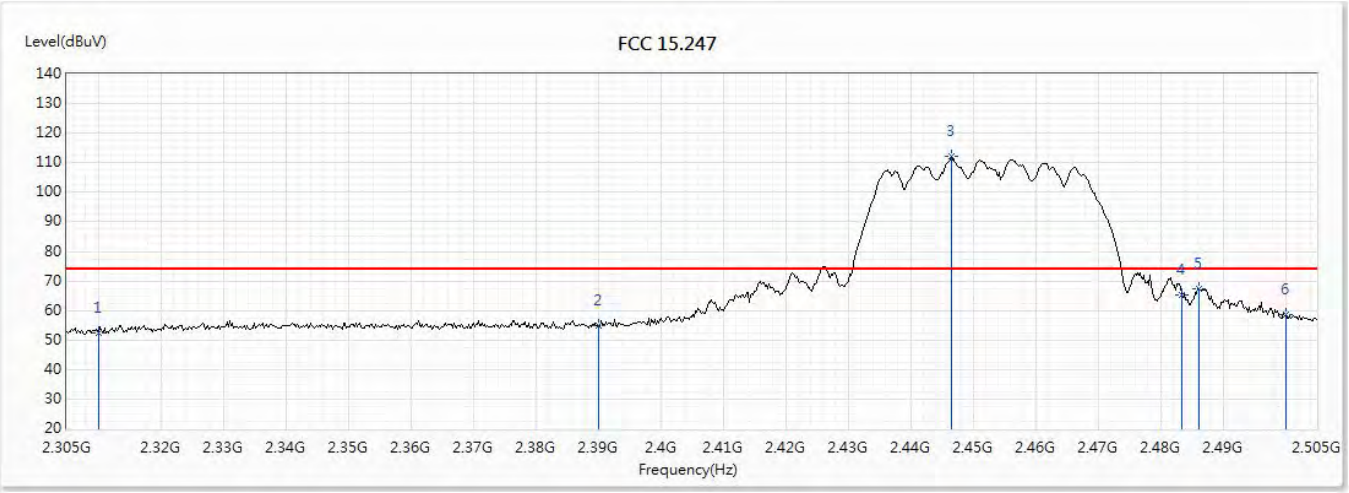


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	41.49	54.00	-12.51	44.61	-3.12	AV
2	2390	42.10	54.00	-11.90	44.87	-2.77	AV
! 3	2453.6	97.42	54.00	43.42	99.90	-2.48	AV
4	2483.5	46.75	54.00	-7.25	49.12	-2.37	AV
5	2484	47.17	54.00	-6.83	49.54	-2.37	AV
6	2500	43.18	54.00	-10.82	45.48	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(40M)_2452MHz		

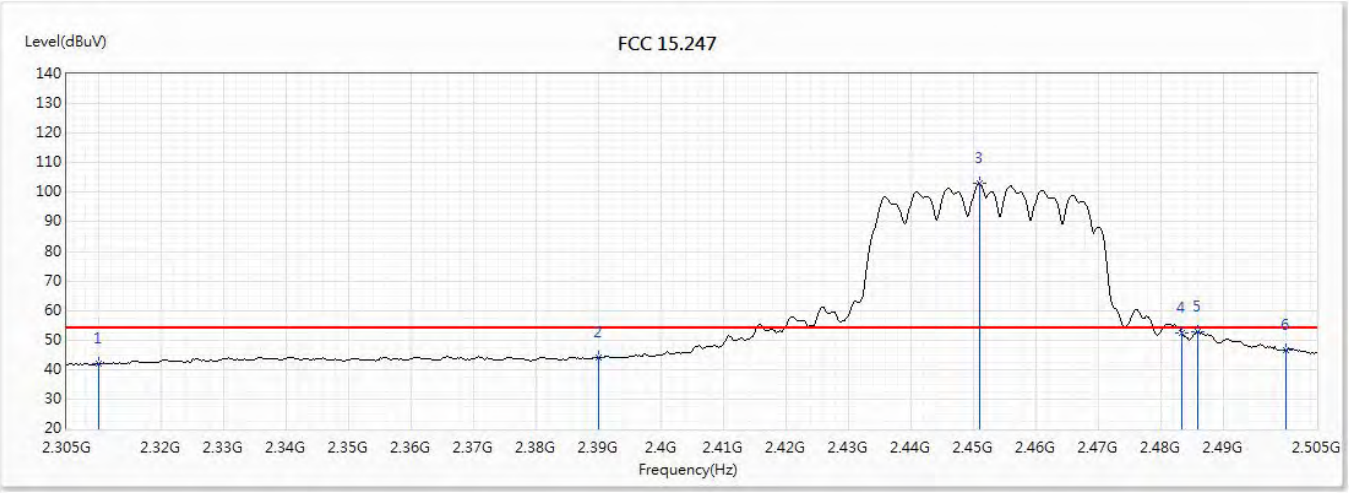


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	52.47	74.00	-21.53	55.59	-3.12	PK
2	2390	54.81	74.00	-19.19	57.58	-2.77	PK
! 3	2446.6	112.07	74.00	38.07	114.57	-2.50	PK
4	2483.5	65.21	74.00	-8.79	67.58	-2.37	PK
5	2486.2	67.26	74.00	-6.74	69.61	-2.35	PK
6	2500	58.63	74.00	-15.37	60.93	-2.30	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Mark
Model No :	RT-AC85P	Test Date :	2018/7/24
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Note :	802.11n(40M)_2452MHz		



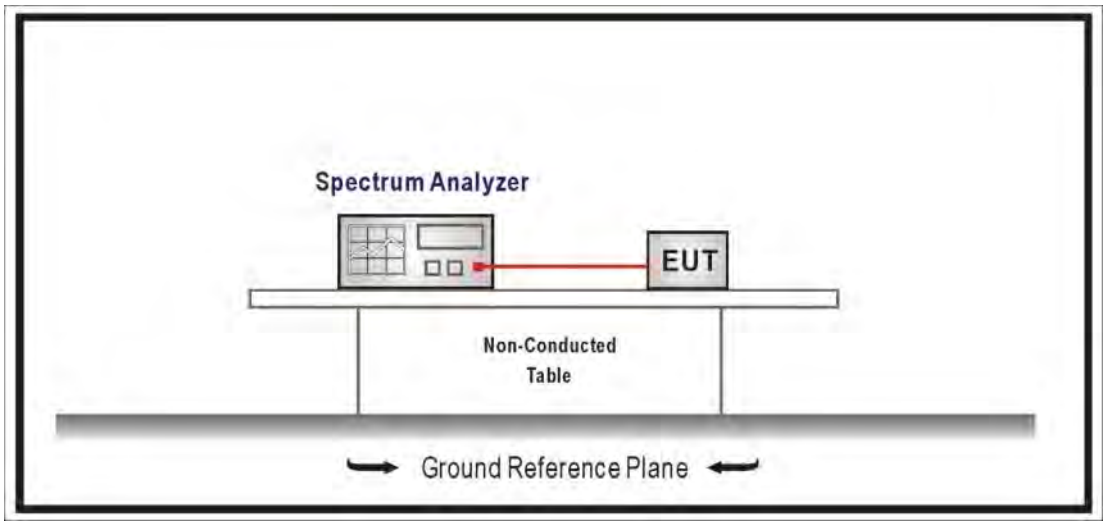
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310	41.95	54.00	-12.05	45.07	-3.12	AV
2	2390	43.90	54.00	-10.10	46.67	-2.77	AV
! 3	2451	102.90	54.00	48.90	105.39	-2.49	AV
4	2483.5	52.47	54.00	-1.53	54.84	-2.37	AV
5	2486	52.97	54.00	-1.03	55.32	-2.35	AV
6	2500	46.45	54.00	-7.55	48.75	-2.30	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement 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 fundamental for reference only, it’s restricted by unwanted emission limit.

7. DTS Bandwidth

7.1. Test Setup



7.2. Test Procedures

The EUT was setup according to ANSI C63.10: 2013; tested procedure section 8.1 of KDB558074 V05 for compliance to FCC 47CFR 15.247 requirements. Set RBW = 100KHz, Set the VBW≧3xRBW, Sweep Time=Auto, Set Peak Detector.

7.3. Limits

The 6 dB bandwidth must be greater than 500 kHz.

7.4. Test Specification

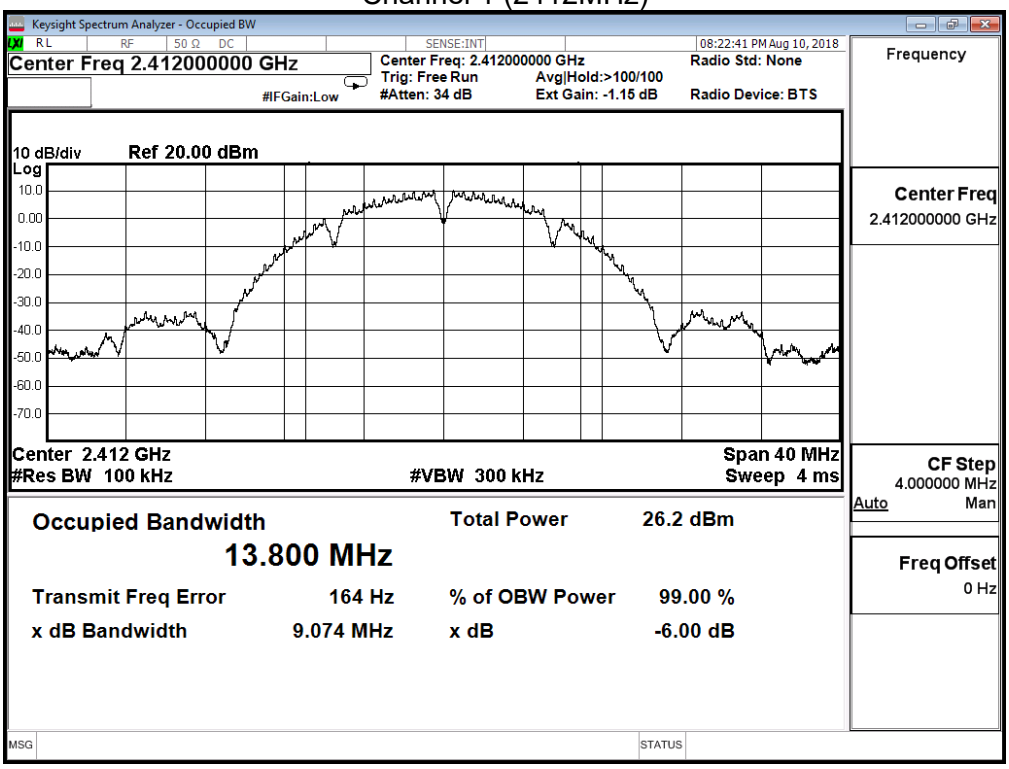
According to FCC Part 15 Subpart C Paragraph 15.247: 2017

7.5. Test Result

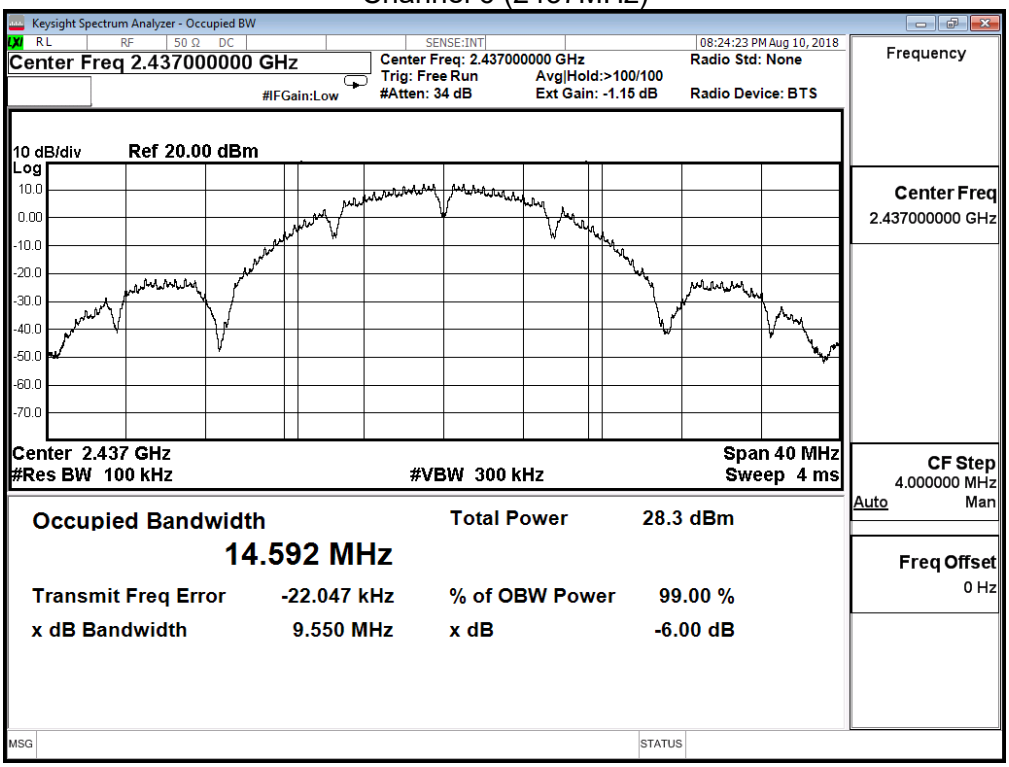
Product	Wireless-AC2400 Dual Band Gigabit Router Wireless-AC2600 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Date of Test	2018/08/10	Test Site	SR10-H

802.11b (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	9.074	≧0.5	Pass
6	2437	9.550	≧0.5	Pass
11	2462	9.058	≧0.5	Pass

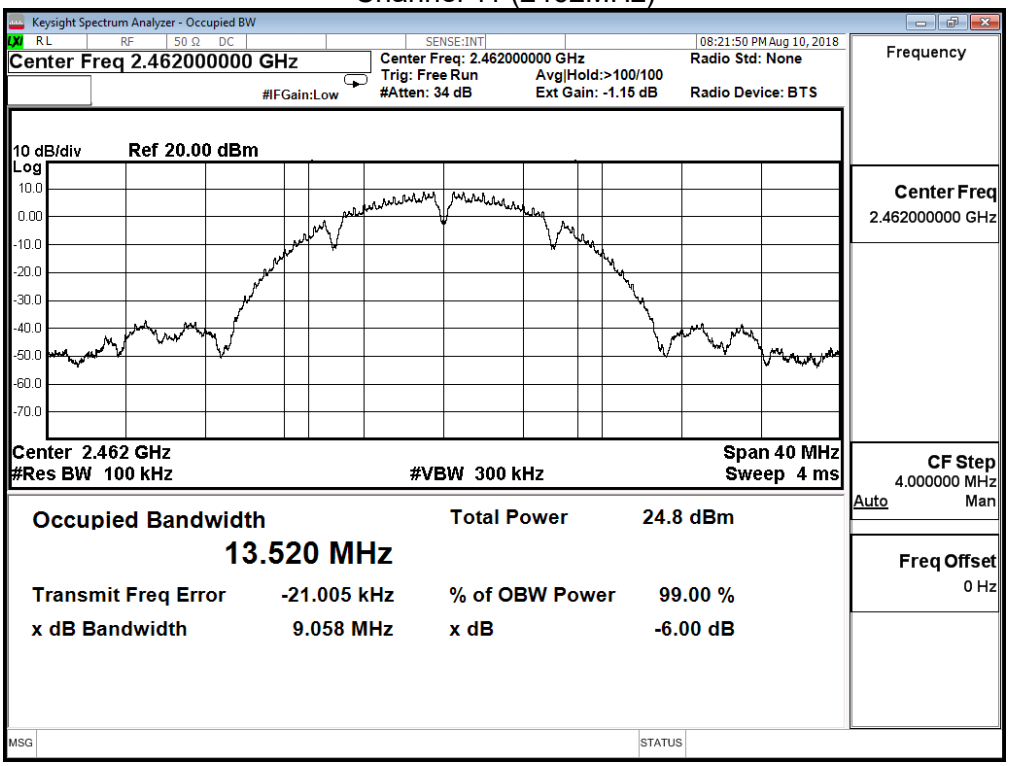
Channel 1 (2412MHz)



Channel 6 (2437MHz)



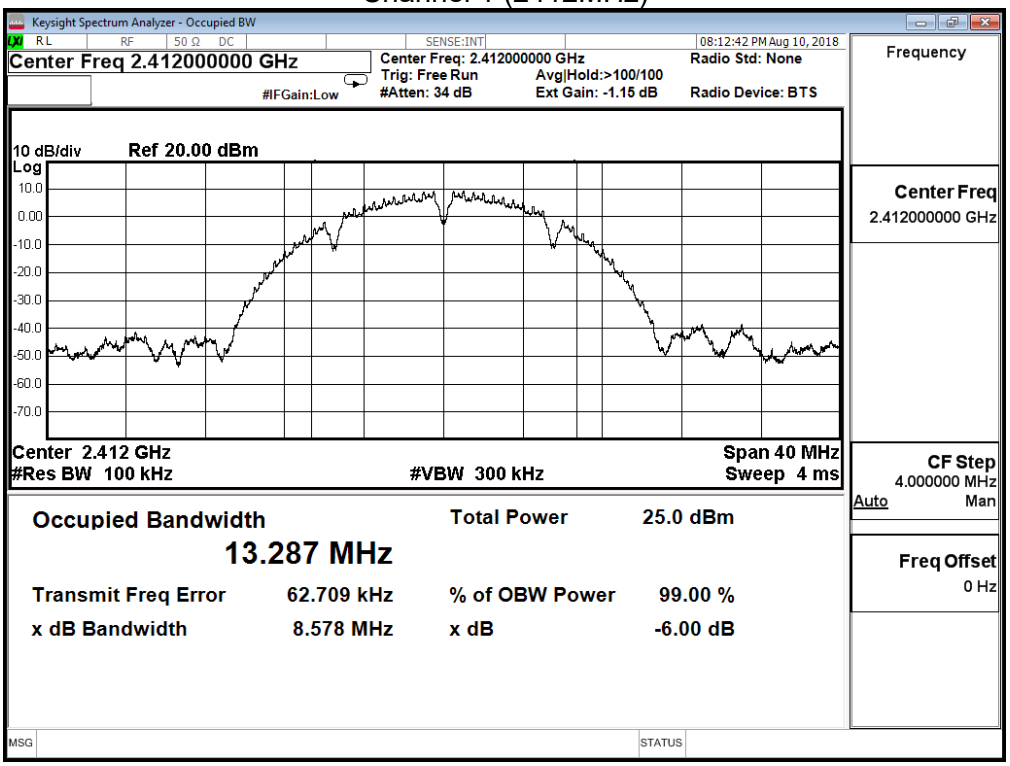
Channel 11 (2462MHz)



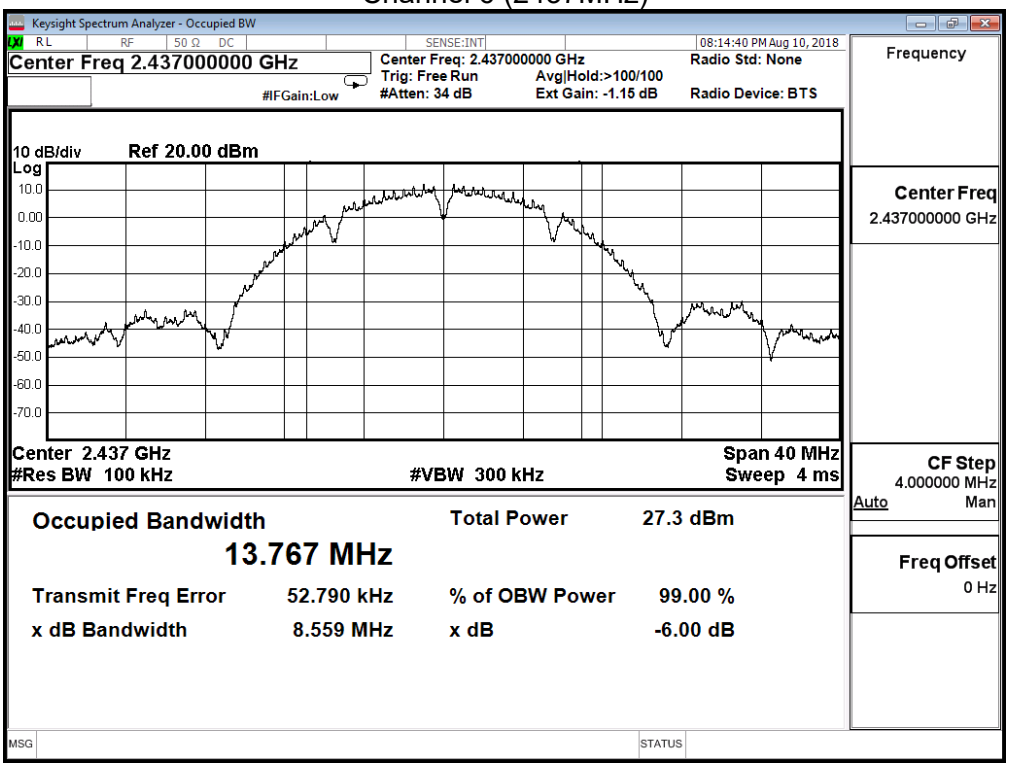
Product	Wireless-AC2400 Dual Band Gigabit Router Wireless-AC2600 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Date of Test	2018/08/10	Test Site	SR10-H

802.11b (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	8.578	≧0.5	Pass
6	2437	8.559	≧0.5	Pass
11	2462	9.049	≧0.5	Pass

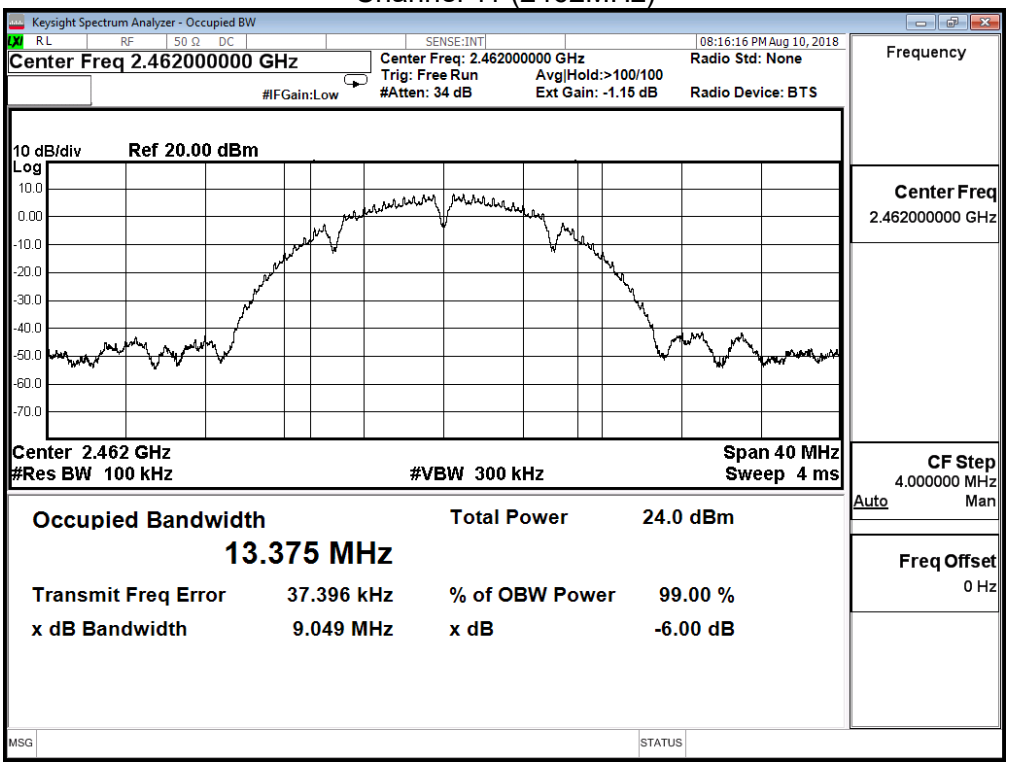
Channel 1 (2412MHz)



Channel 6 (2437MHz)



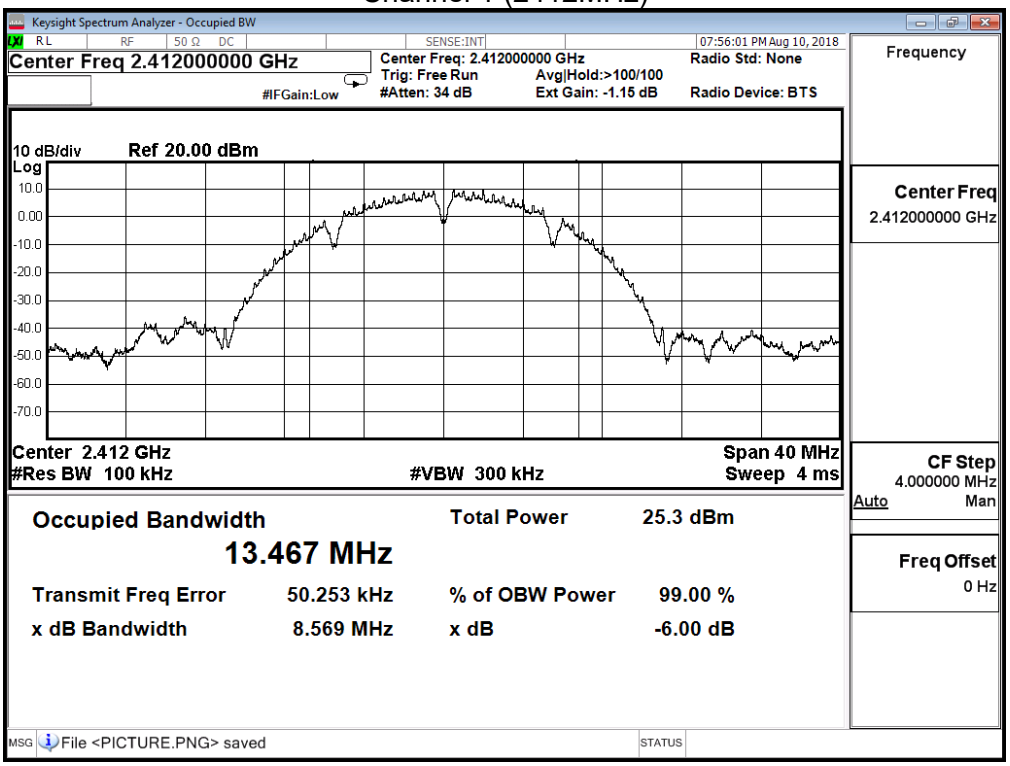
Channel 11 (2462MHz)



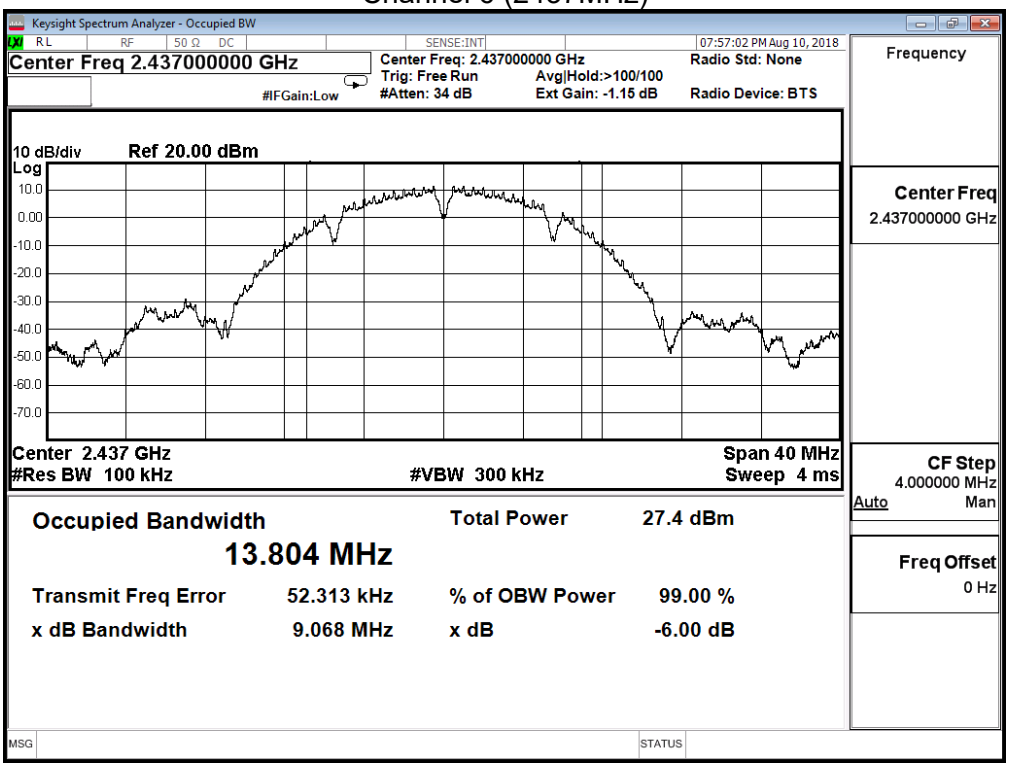
Product	Wireless-AC2400 Dual Band Gigabit Router Wireless-AC2600 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Date of Test	2018/08/10	Test Site	SR10-H

802.11b (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	8.569	≧0.5	Pass
6	2437	9.068	≧0.5	Pass
11	2462	9.057	≧0.5	Pass

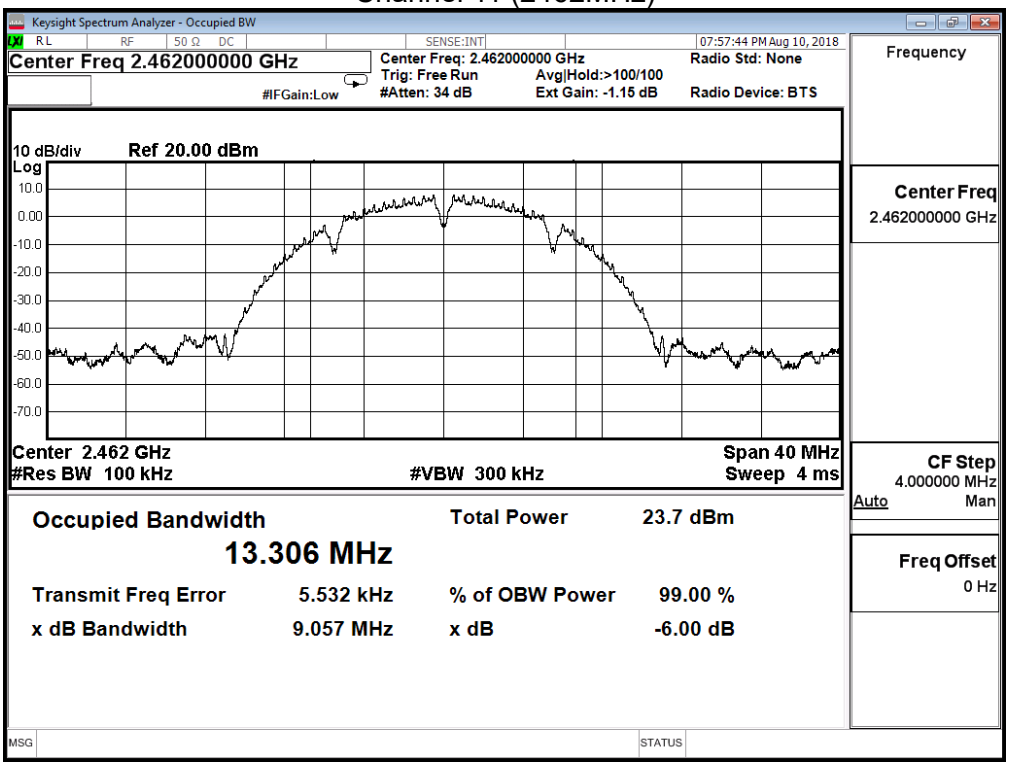
Channel 1 (2412MHz)



Channel 6 (2437MHz)



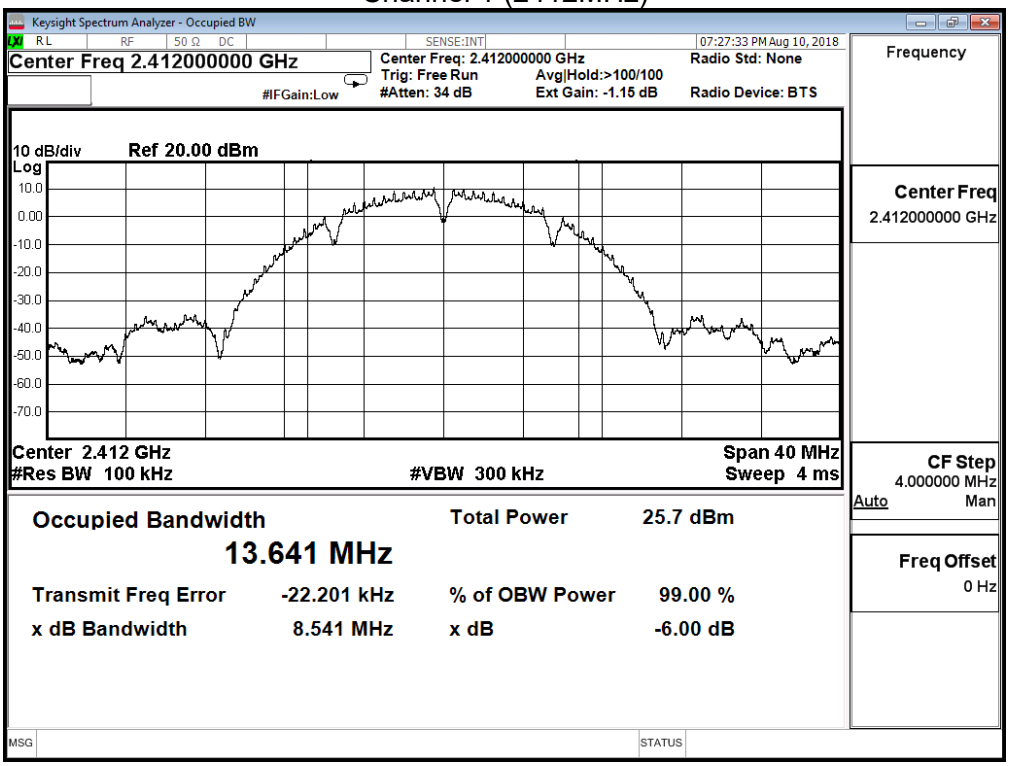
Channel 11 (2462MHz)



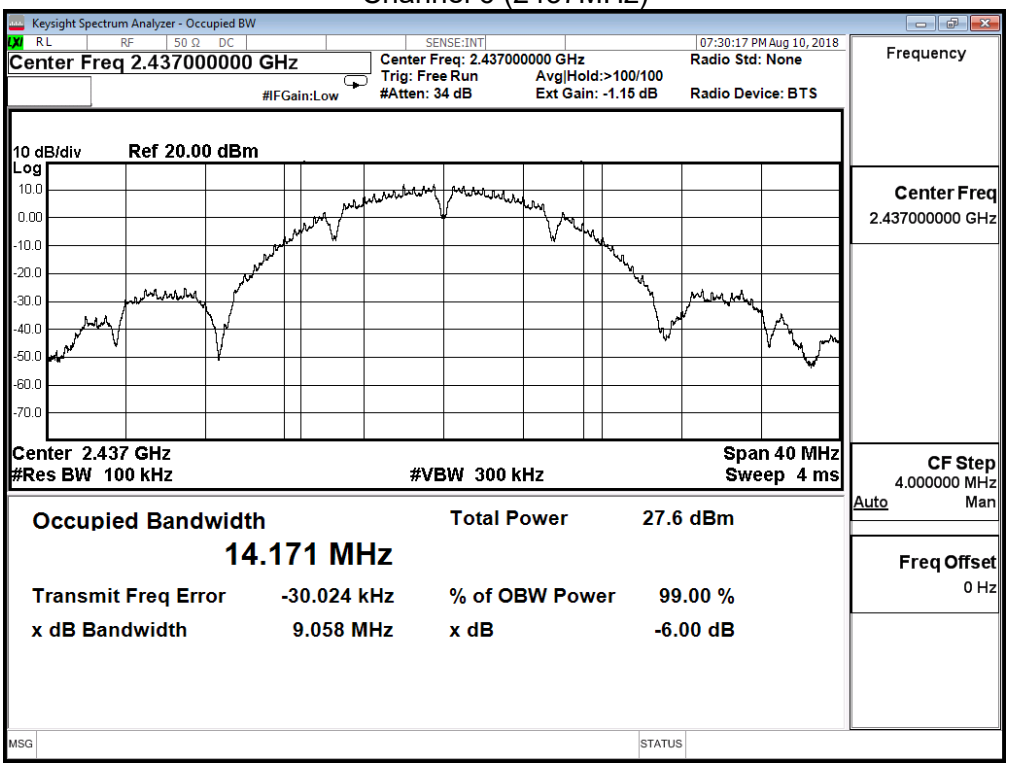
Product	Wireless-AC2400 Dual Band Gigabit Router Wireless-AC2600 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Date of Test	2018/08/10	Test Site	SR10-H

802.11b (ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	8.541	≧0.5	Pass
6	2437	9.058	≧0.5	Pass
11	2462	9.056	≧0.5	Pass

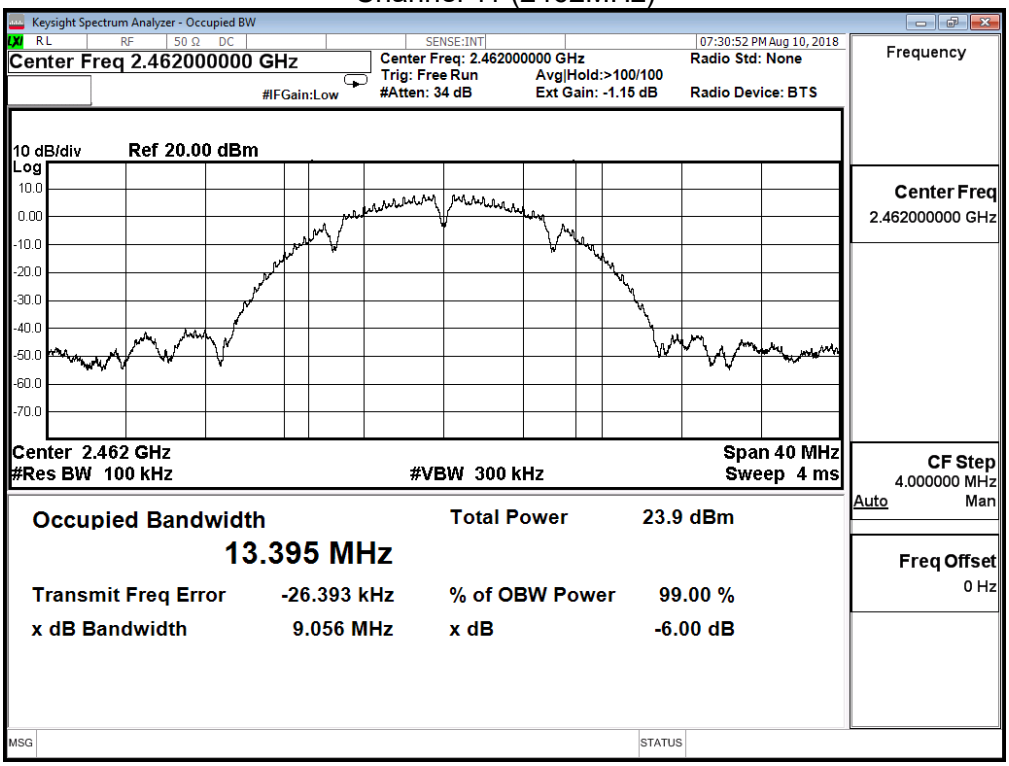
Channel 1 (2412MHz)



Channel 6 (2437MHz)



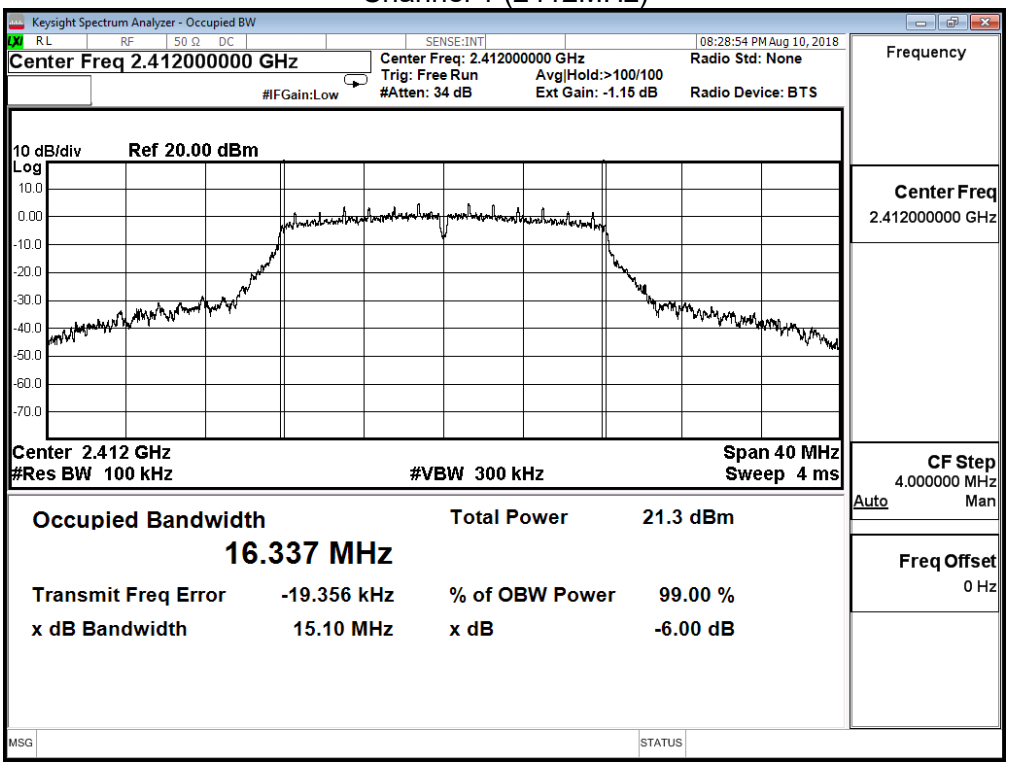
Channel 11 (2462MHz)



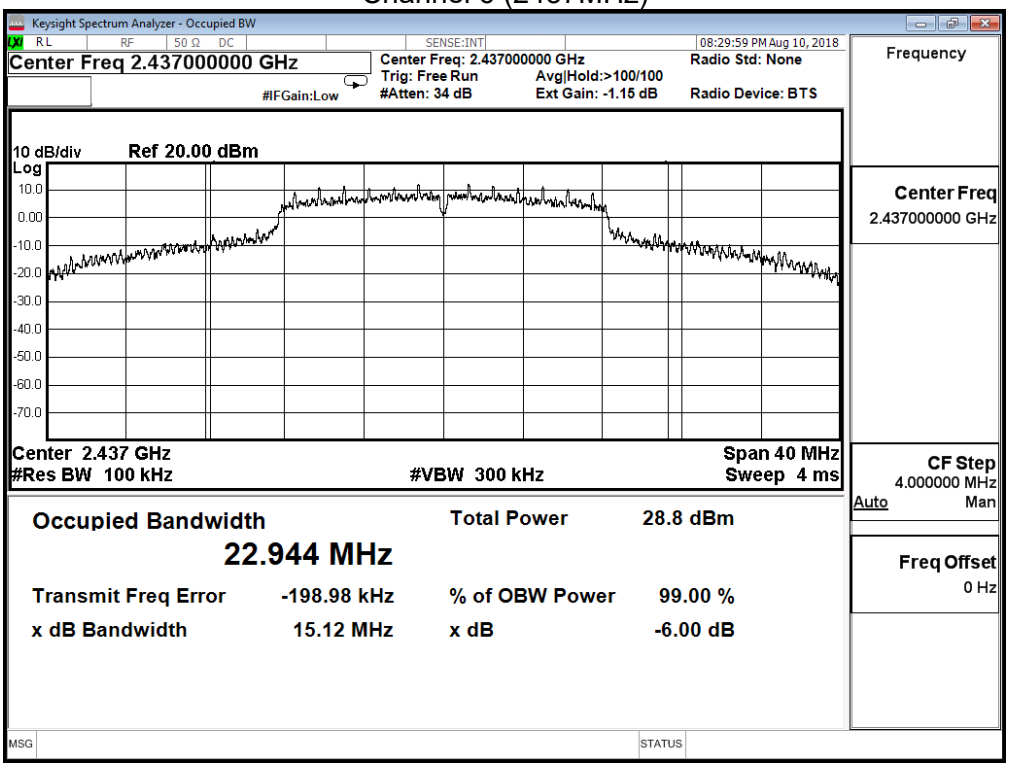
Product	Wireless-AC2400 Dual Band Gigabit Router Wireless-AC2600 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Date of Test	2018/08/10	Test Site	SR10-H

802.11g (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.100	≧0.5	Pass
6	2437	15.120	≧0.5	Pass
11	2462	15.120	≧0.5	Pass

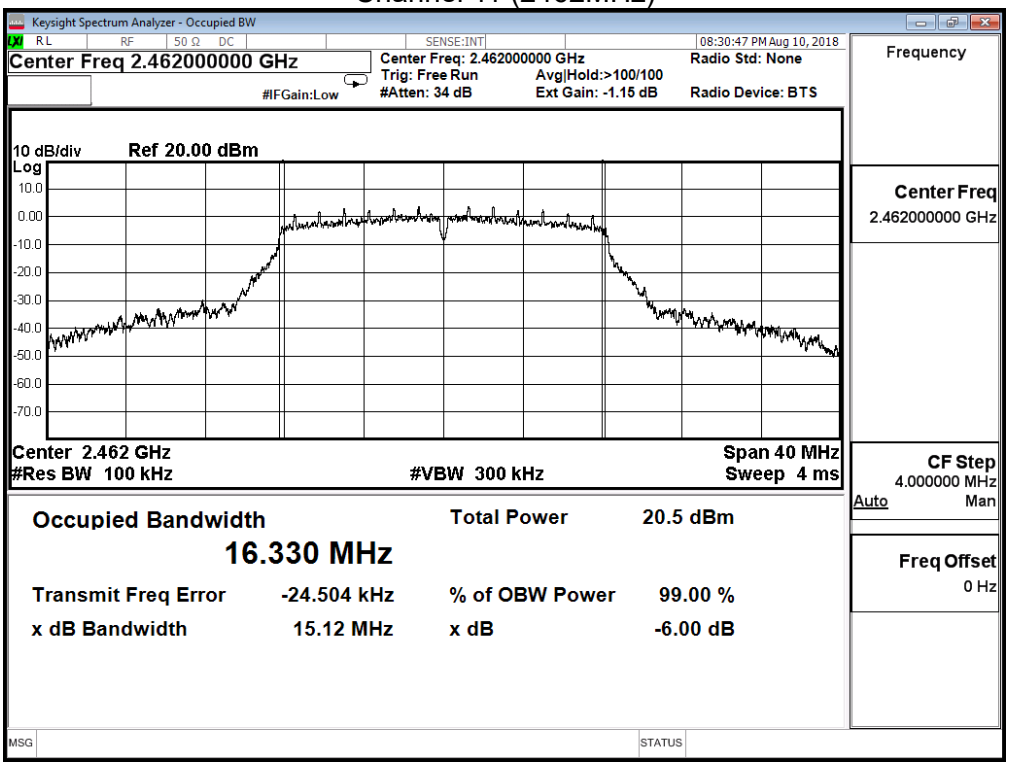
Channel 1 (2412MHz)



Channel 6 (2437MHz)



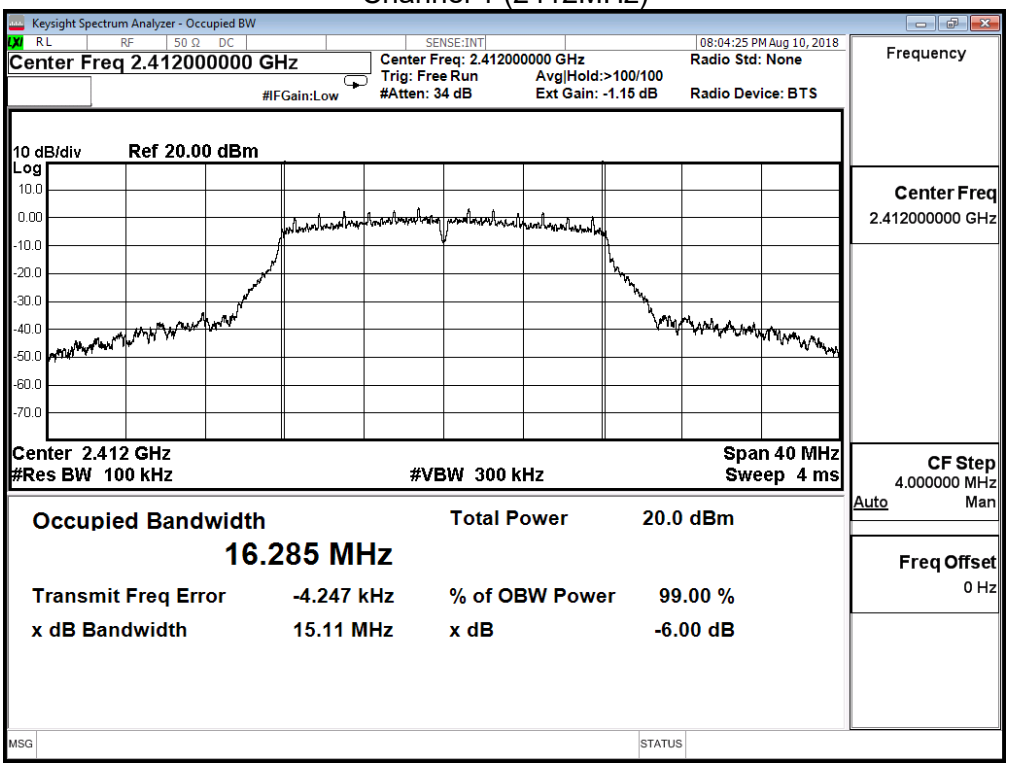
Channel 11 (2462MHz)



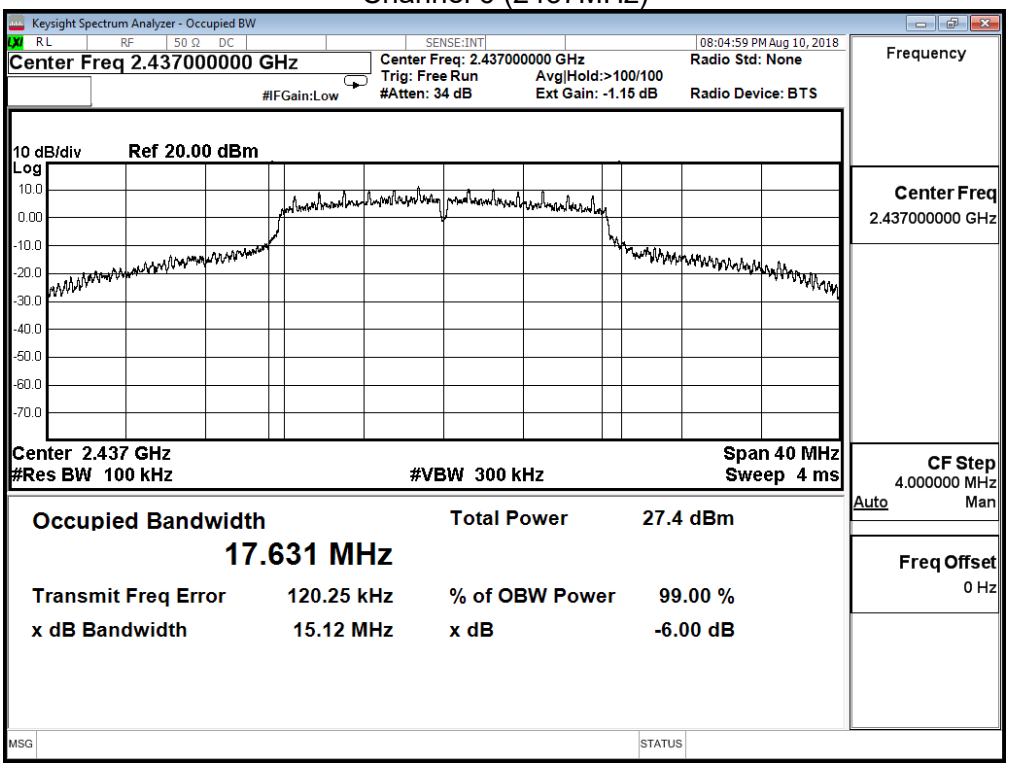
Product	Wireless-AC2400 Dual Band Gigabit Router Wireless-AC2600 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Date of Test	2018/08/10	Test Site	SR10-H

802.11g (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.110	≧0.5	Pass
6	2437	15.120	≧0.5	Pass
11	2462	15.120	≧0.5	Pass

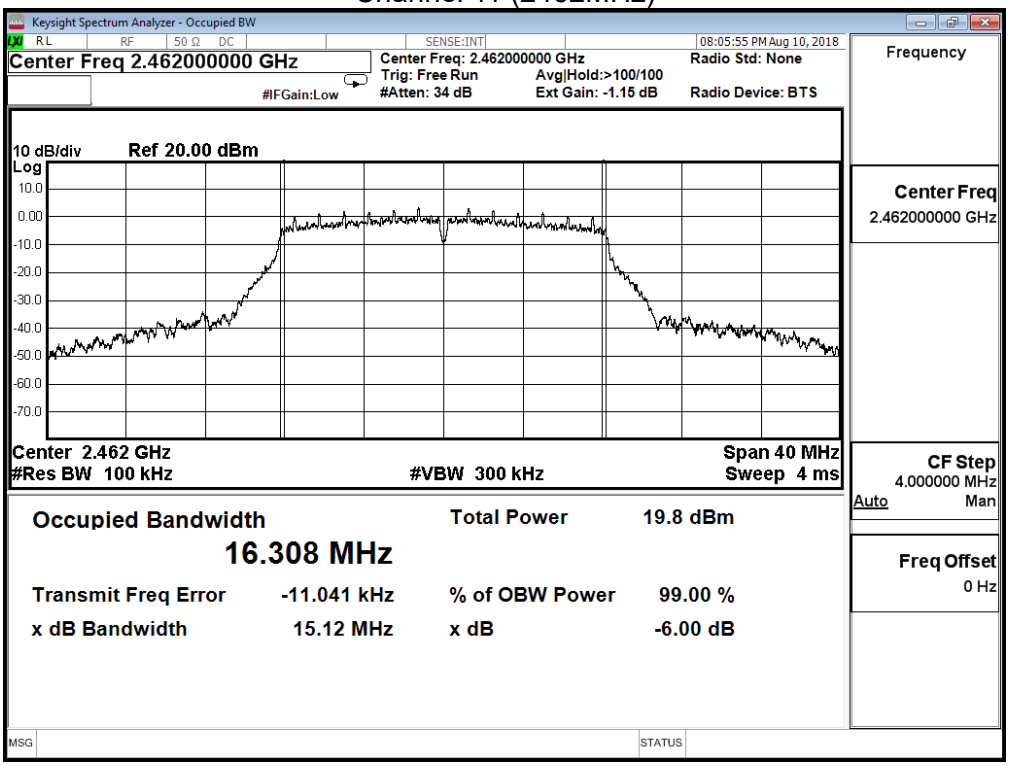
Channel 1 (2412MHz)



Channel 6 (2437MHz)



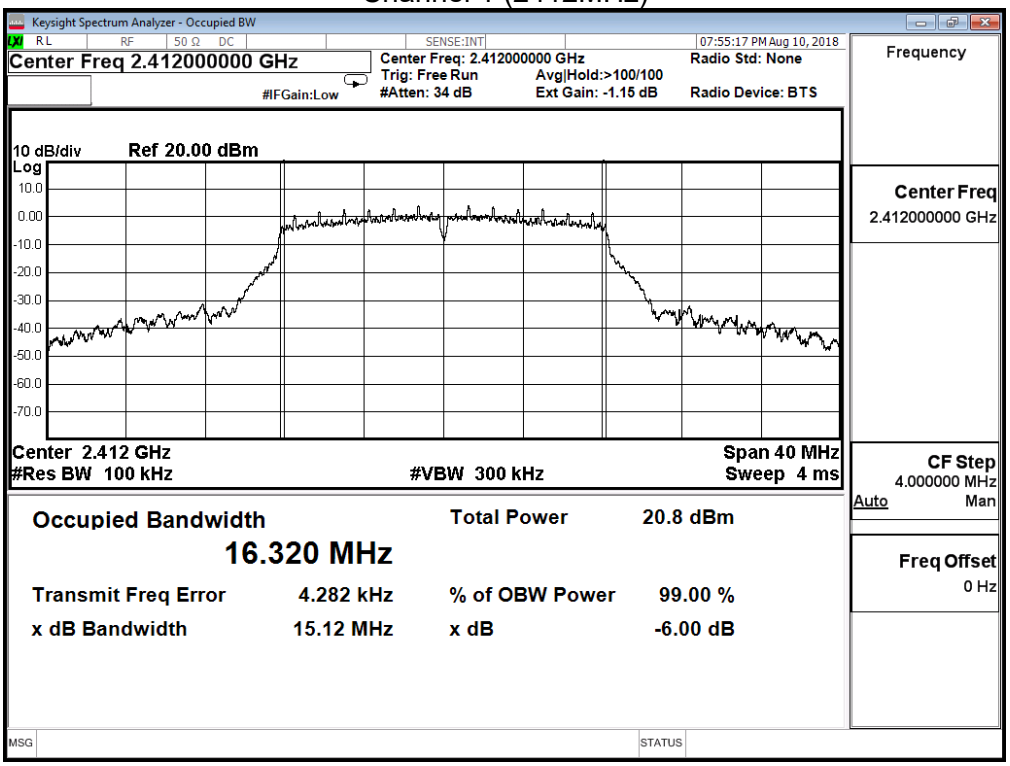
Channel 11 (2462MHz)



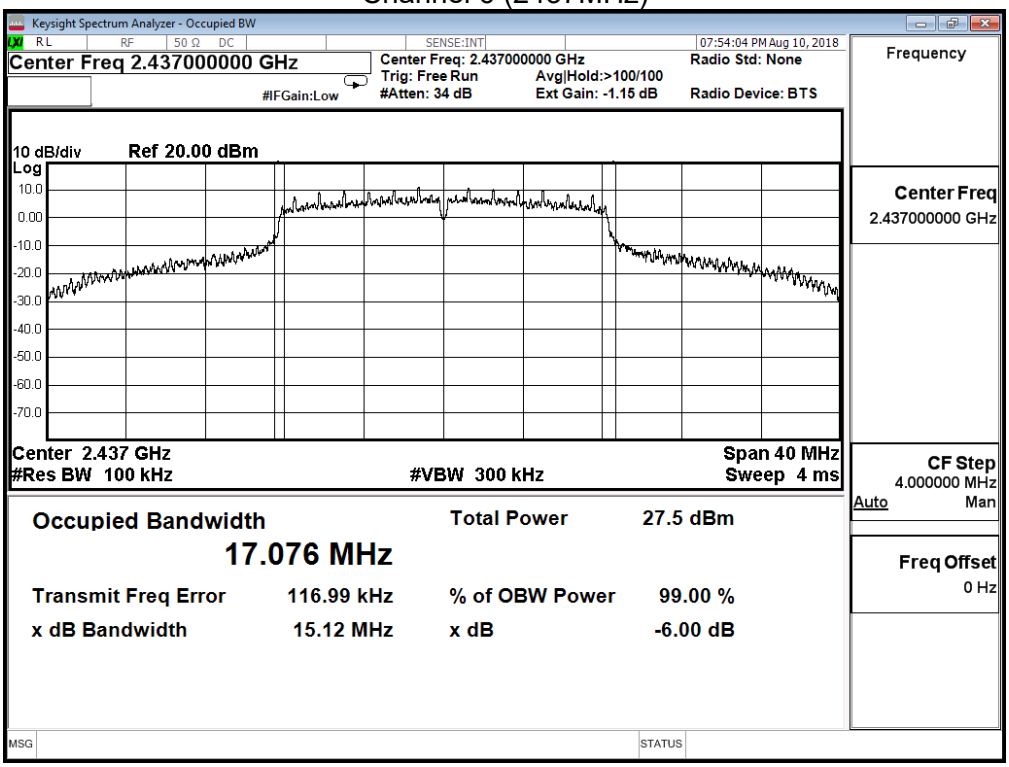
Product	Wireless-AC2400 Dual Band Gigabit Router Wireless-AC2600 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Date of Test	2018/08/10	Test Site	SR10-H

802.11g (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.120	≧0.5	Pass
6	2437	15.120	≧0.5	Pass
11	2462	15.120	≧0.5	Pass

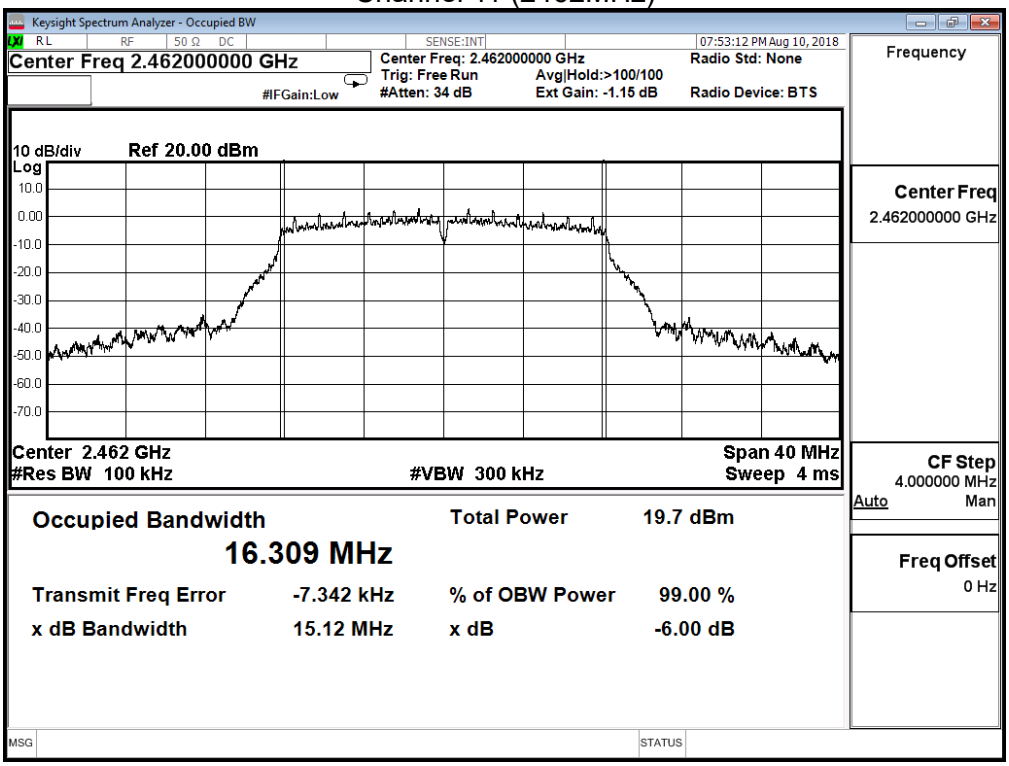
Channel 1 (2412MHz)



Channel 6 (2437MHz)



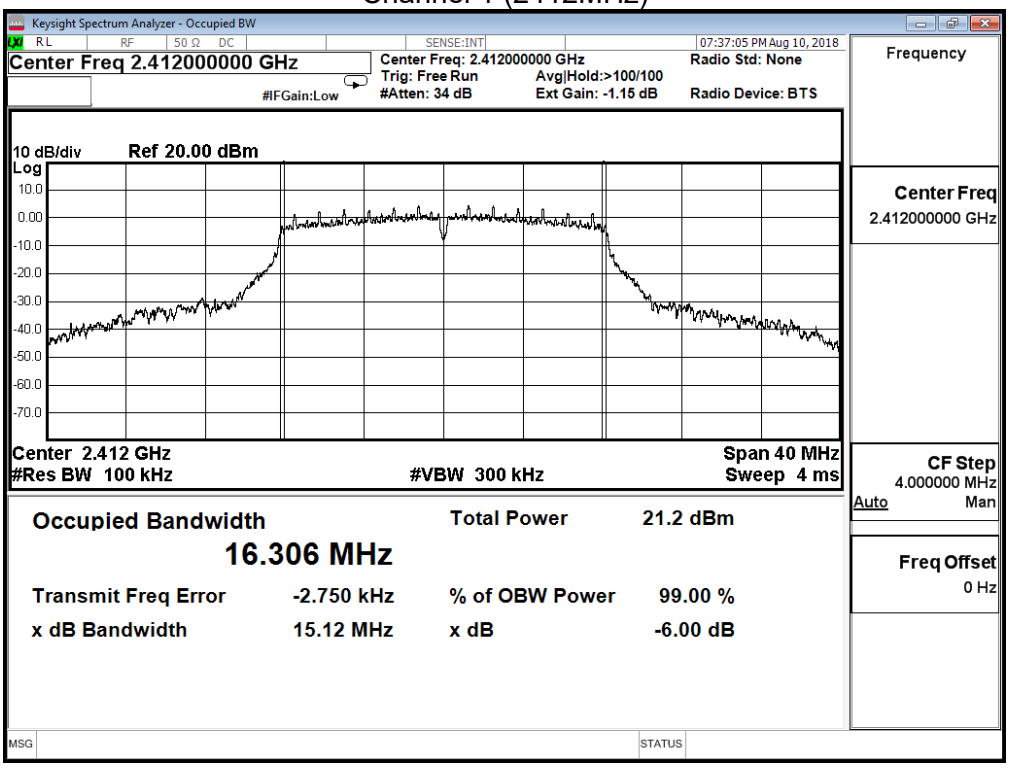
Channel 11 (2462MHz)



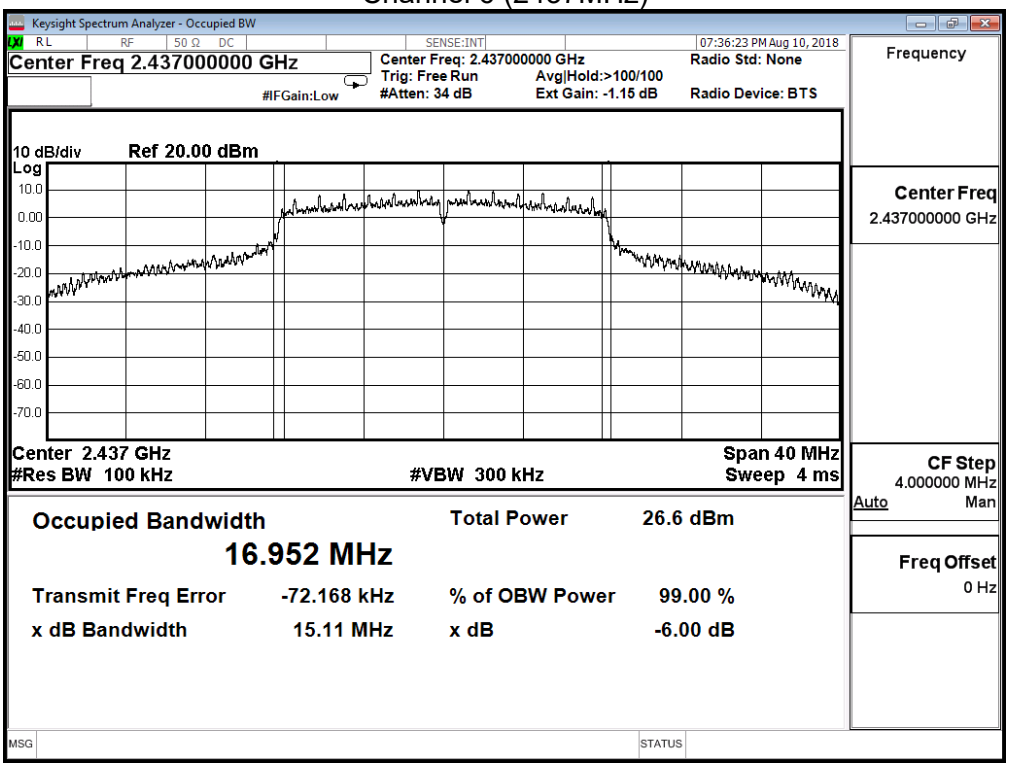
Product	Wireless-AC2400 Dual Band Gigabit Router Wireless-AC2600 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Date of Test	2018/08/10	Test Site	SR10-H

802.11g (ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.120	≧0.5	Pass
6	2437	15.110	≧0.5	Pass
11	2462	15.110	≧0.5	Pass

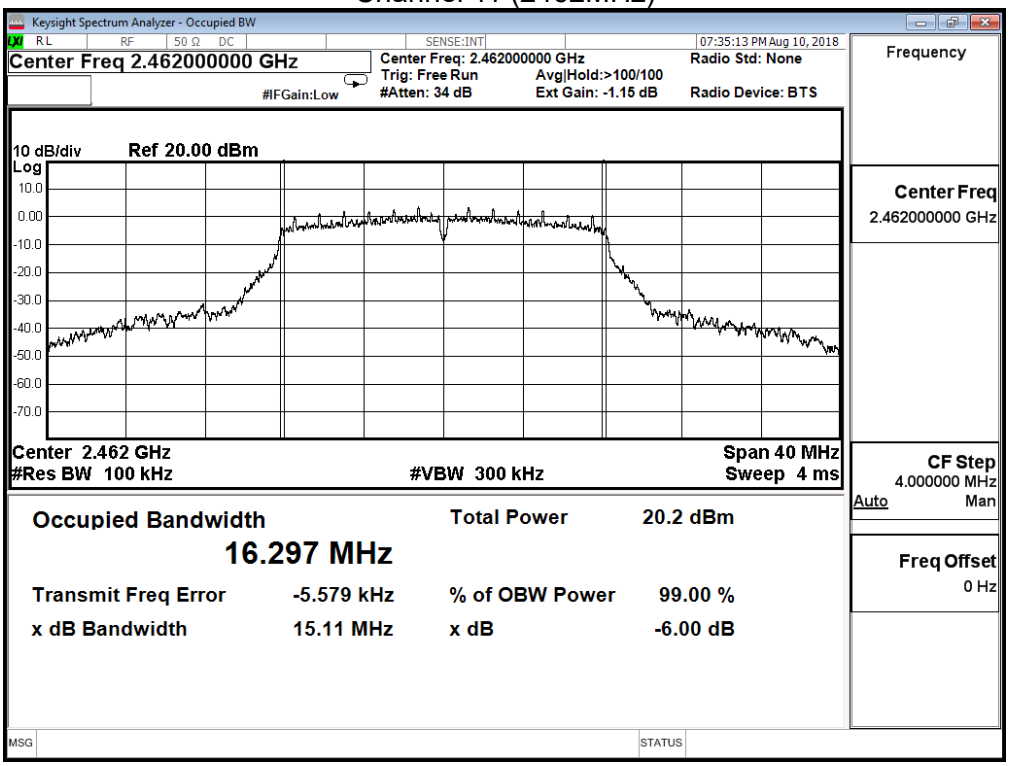
Channel 1 (2412MHz)



Channel 6 (2437MHz)



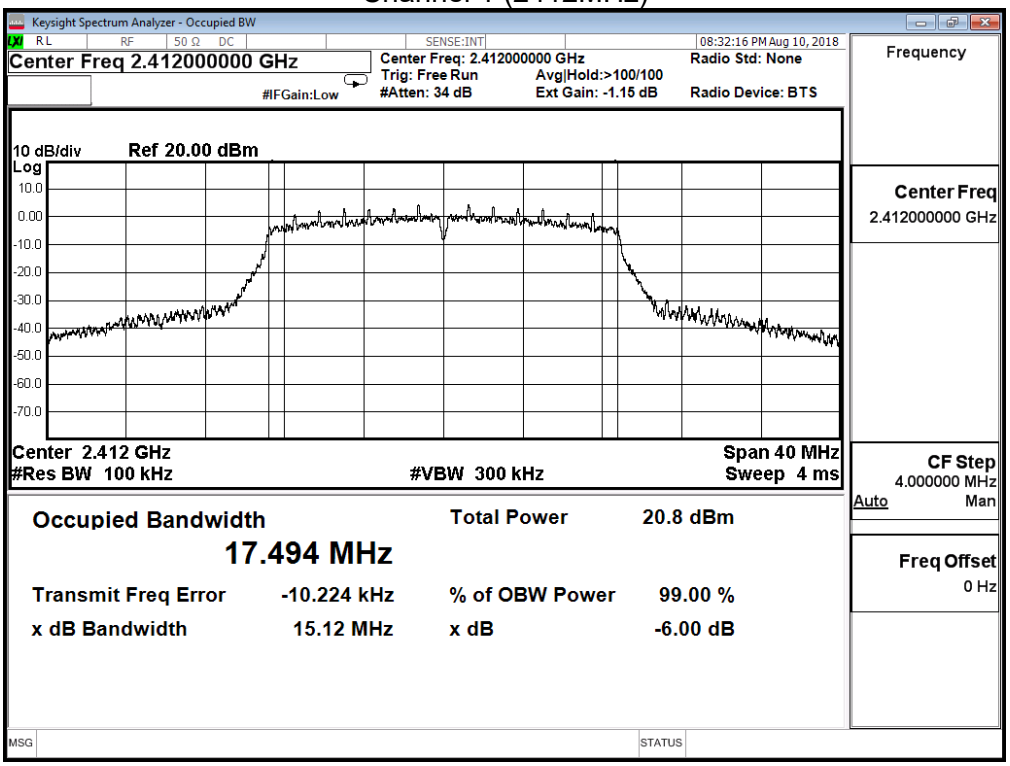
Channel 11 (2462MHz)



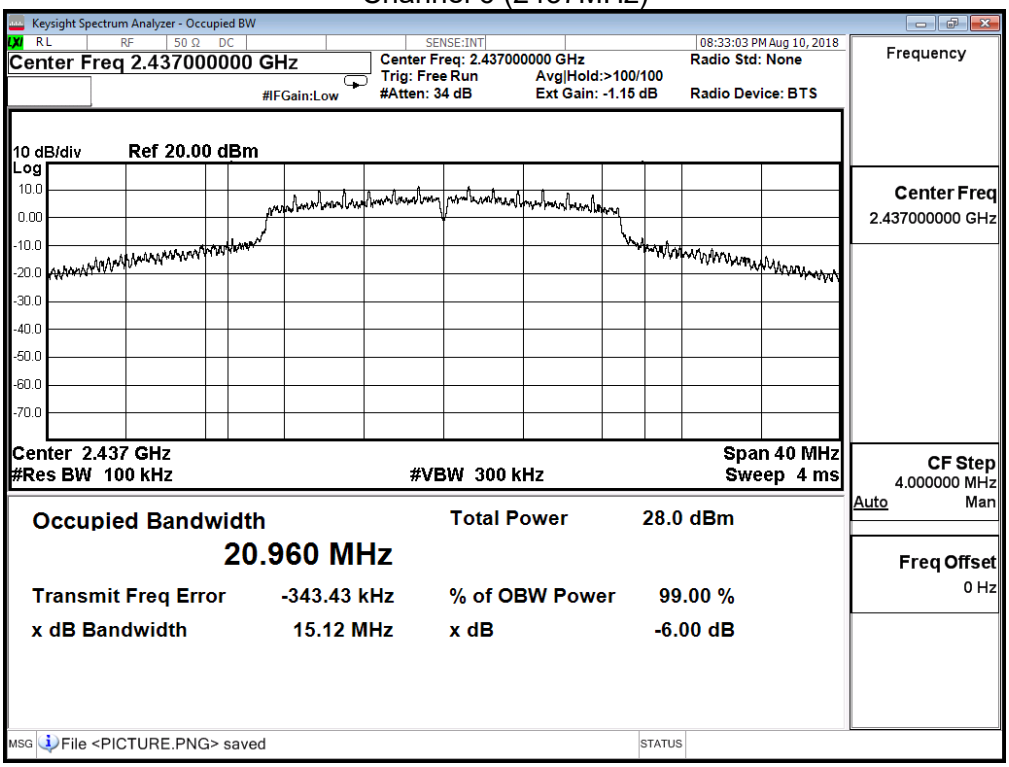
Product	Wireless-AC2400 Dual Band Gigabit Router Wireless-AC2600 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Date of Test	2018/08/10	Test Site	SR10-H

IEEE 802.11n 20M (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.120	≧0.5	Pass
6	2437	15.120	≧0.5	Pass
11	2462	15.110	≧0.5	Pass

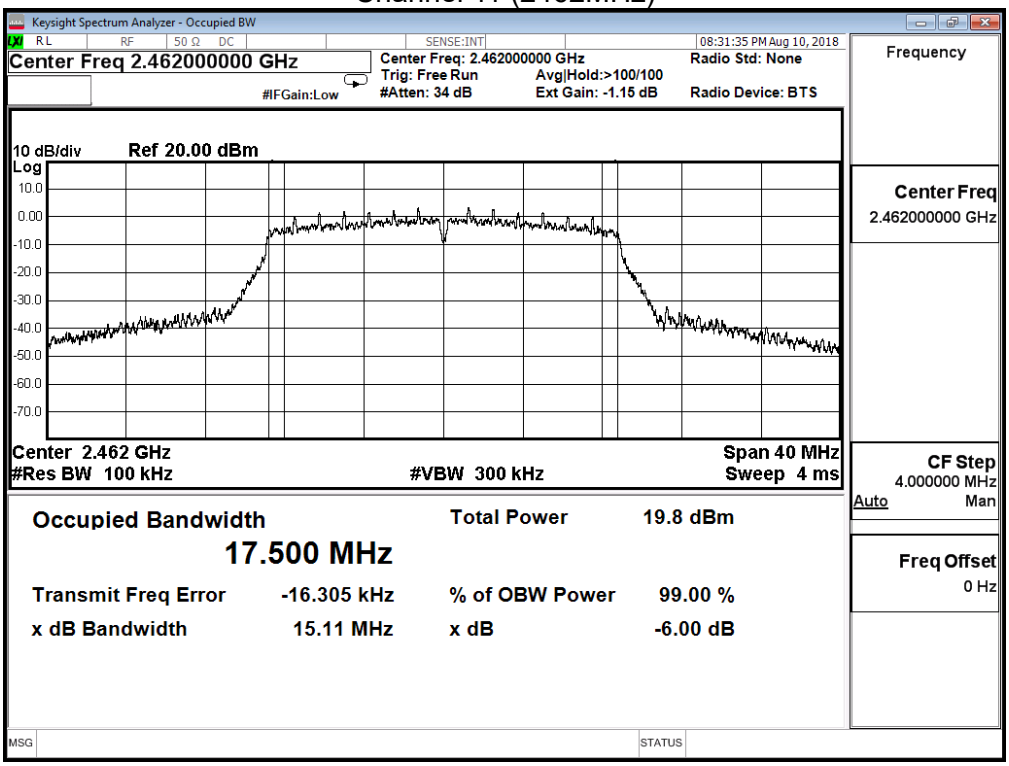
Channel 1 (2412MHz)



Channel 6 (2437MHz)



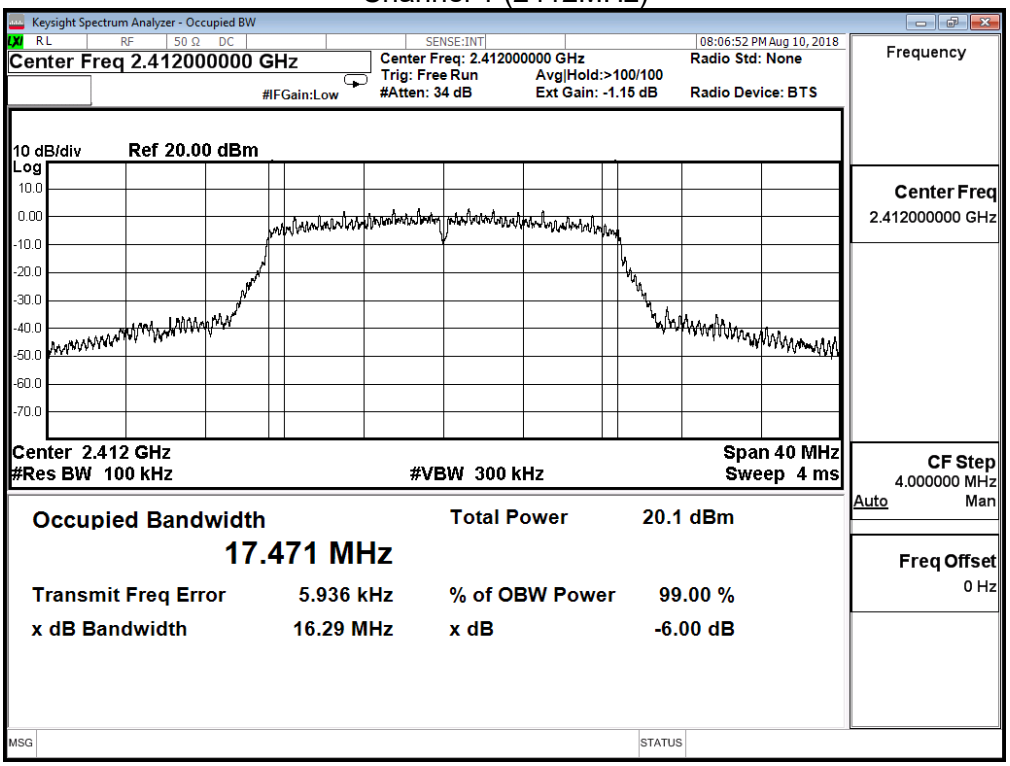
Channel 11 (2462MHz)



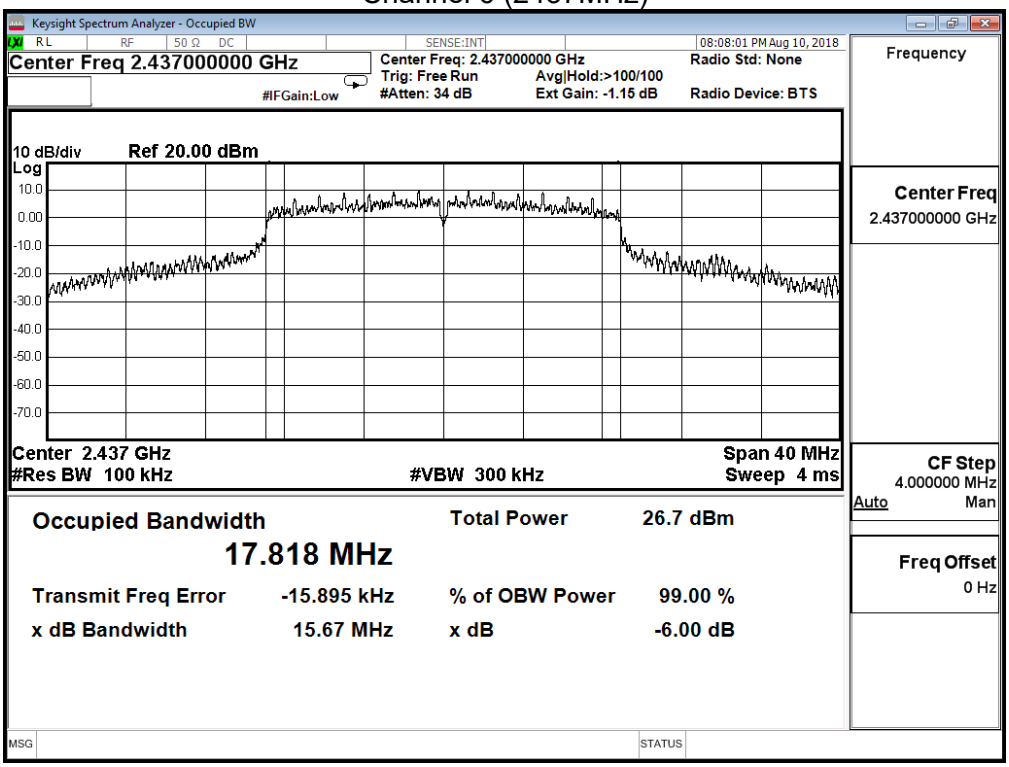
Product	Wireless-AC2400 Dual Band Gigabit Router Wireless-AC2600 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Date of Test	2018/08/10	Test Site	SR10-H

IEEE 802.11n 20M (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	16.290	≧0.5	Pass
6	2437	15.670	≧0.5	Pass
11	2462	15.700	≧0.5	Pass

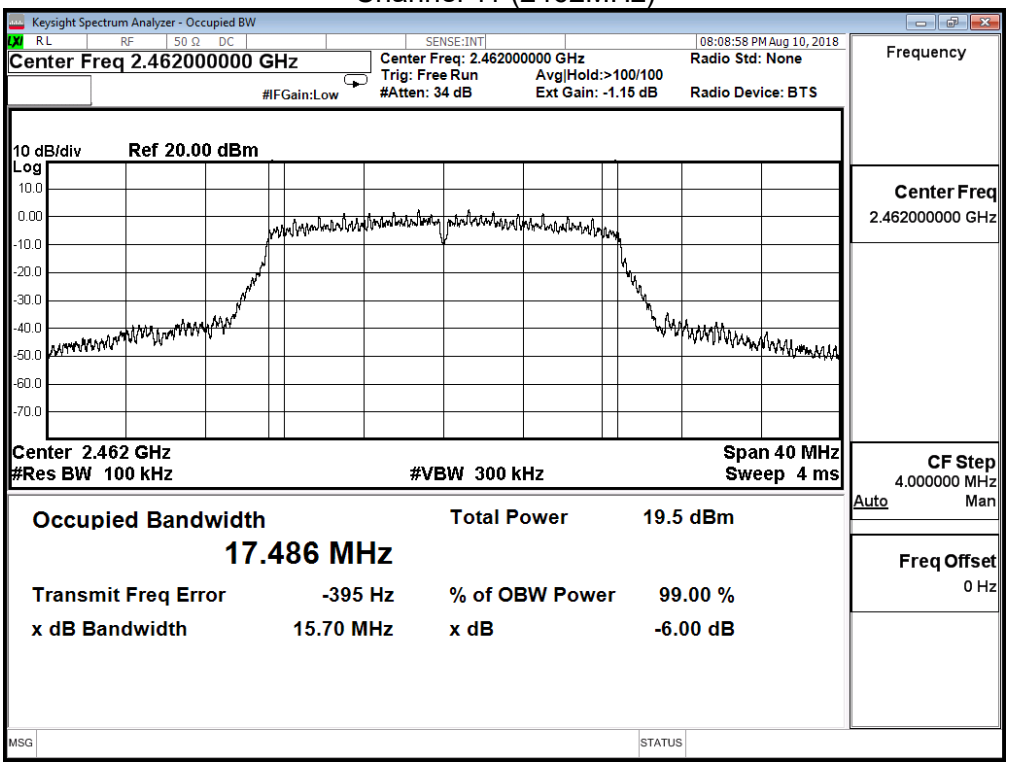
Channel 1 (2412MHz)



Channel 6 (2437MHz)



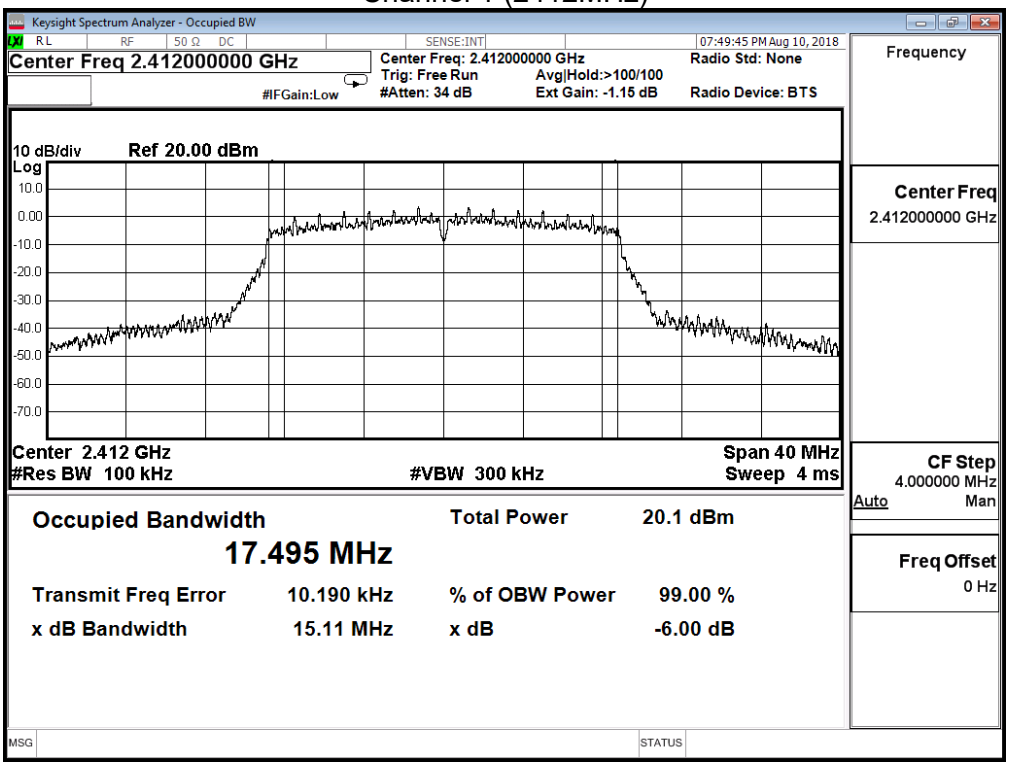
Channel 11 (2462MHz)



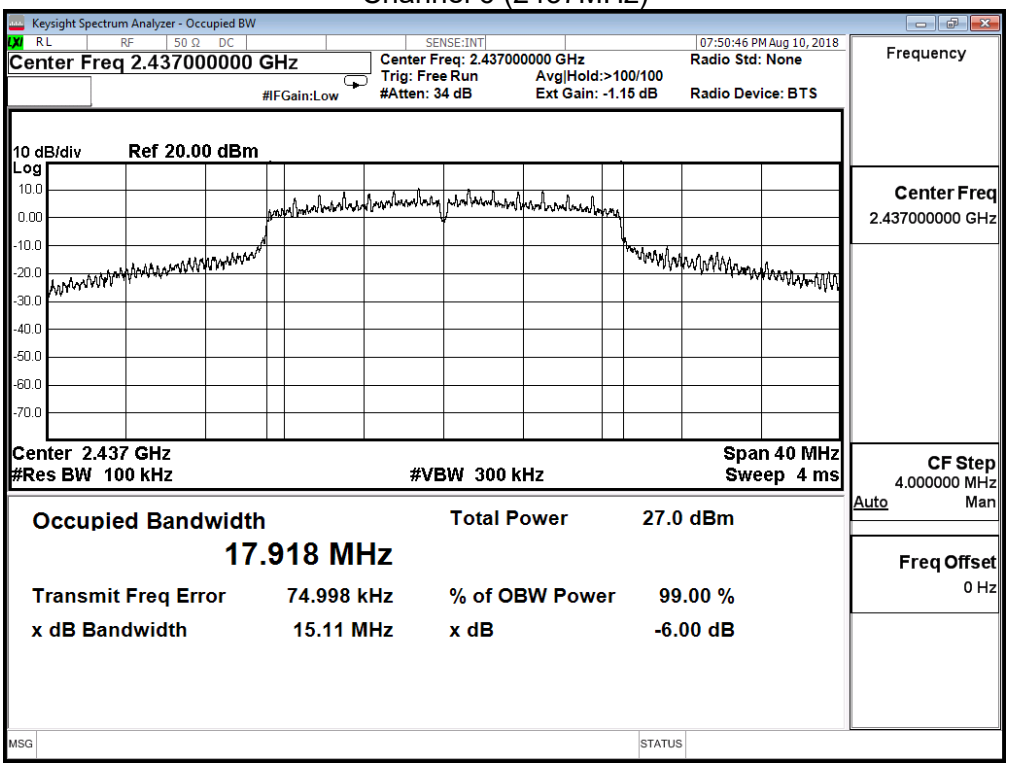
Product	Wireless-AC2400 Dual Band Gigabit Router Wireless-AC2600 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Date of Test	2018/08/10	Test Site	SR10-H

IEEE 802.11n 20M (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.110	≧0.5	Pass
6	2437	15.110	≧0.5	Pass
11	2462	15.120	≧0.5	Pass

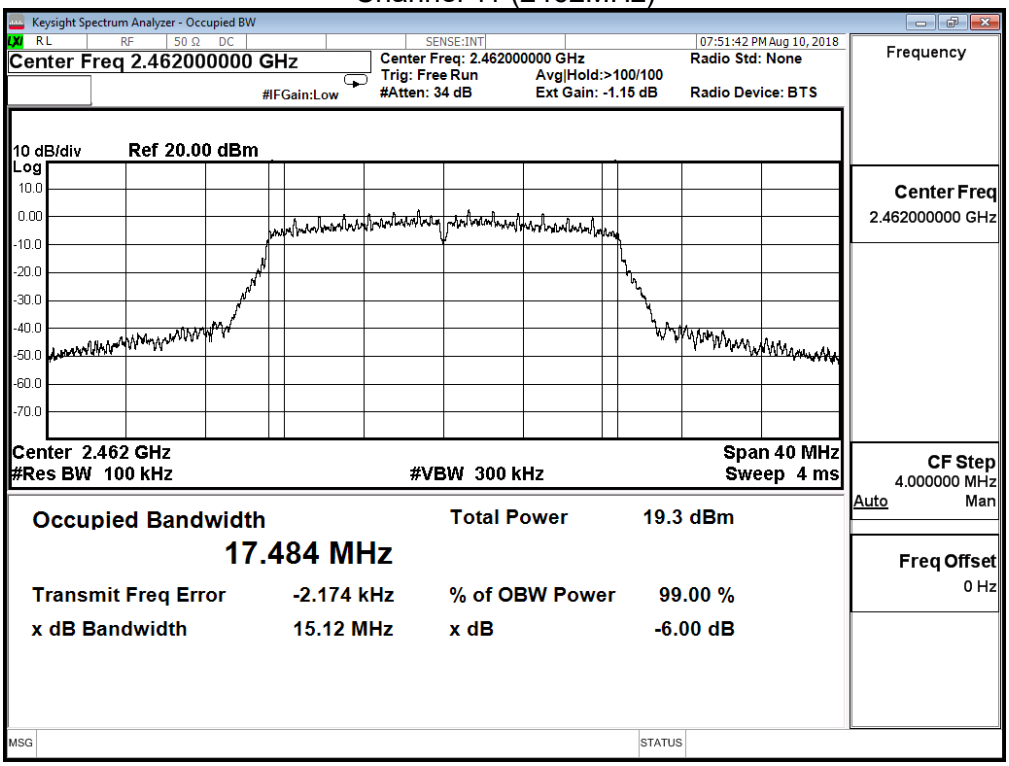
Channel 1 (2412MHz)



Channel 6 (2437MHz)



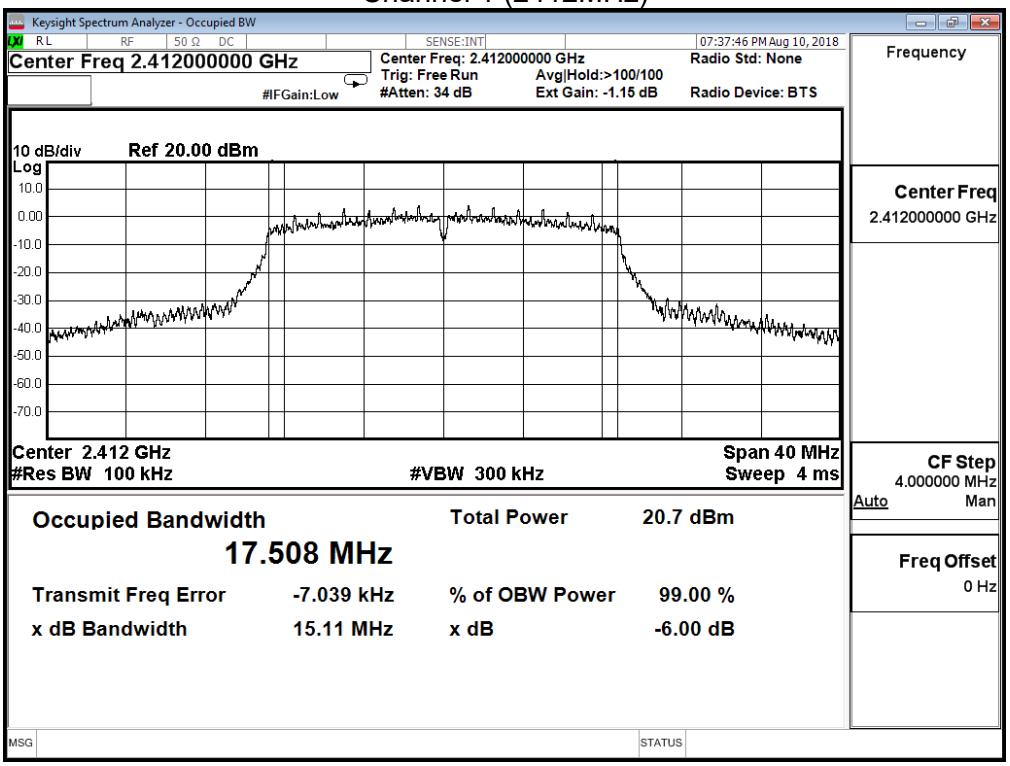
Channel 11 (2462MHz)



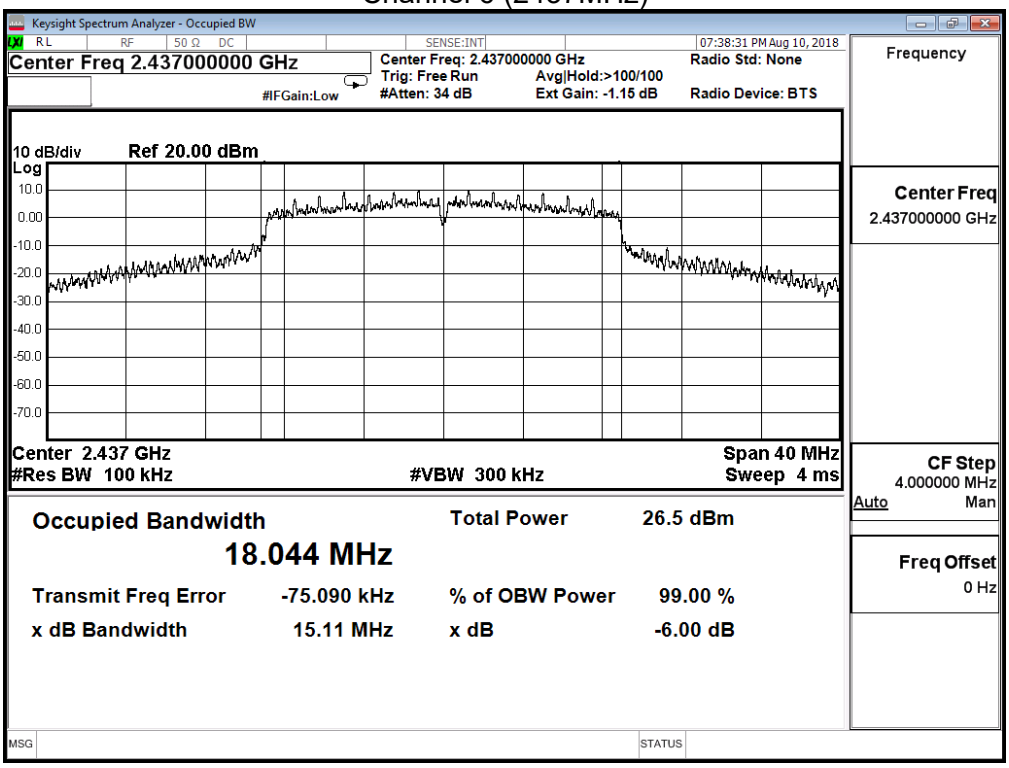
Product	Wireless-AC2400 Dual Band Gigabit Router Wireless-AC2600 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Date of Test	2018/08/10	Test Site	SR10-H

IEEE 802.11n 20M (ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.110	≧0.5	Pass
6	2437	15.110	≧0.5	Pass
11	2462	15.110	≧0.5	Pass

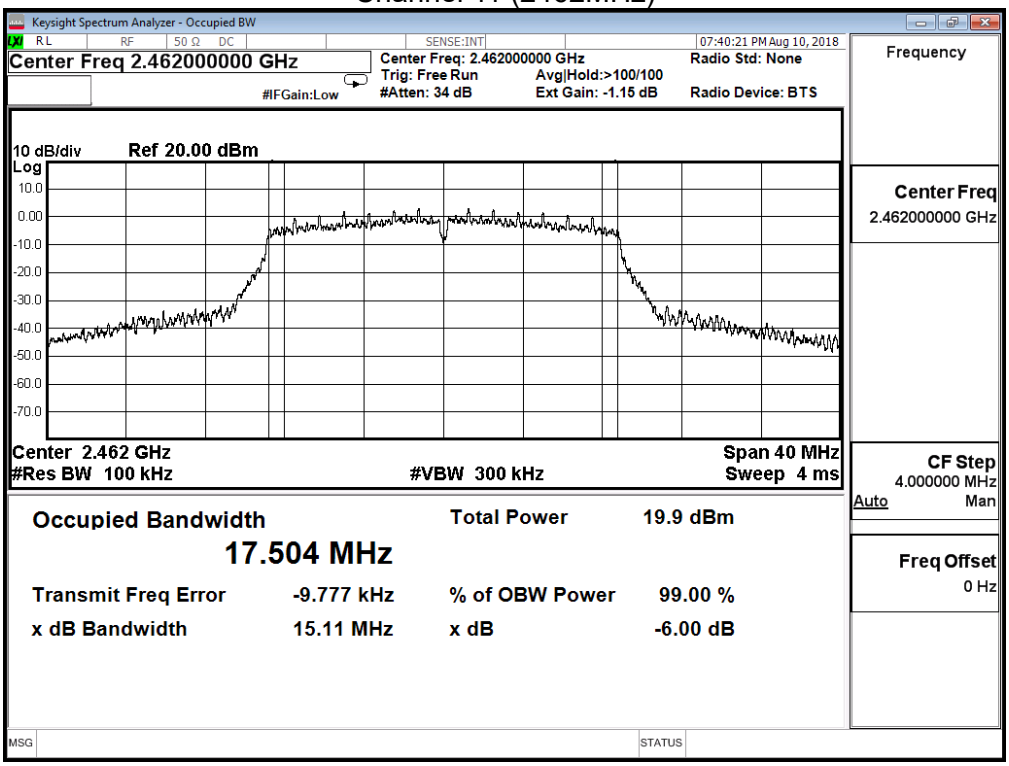
Channel 1 (2412MHz)



Channel 6 (2437MHz)



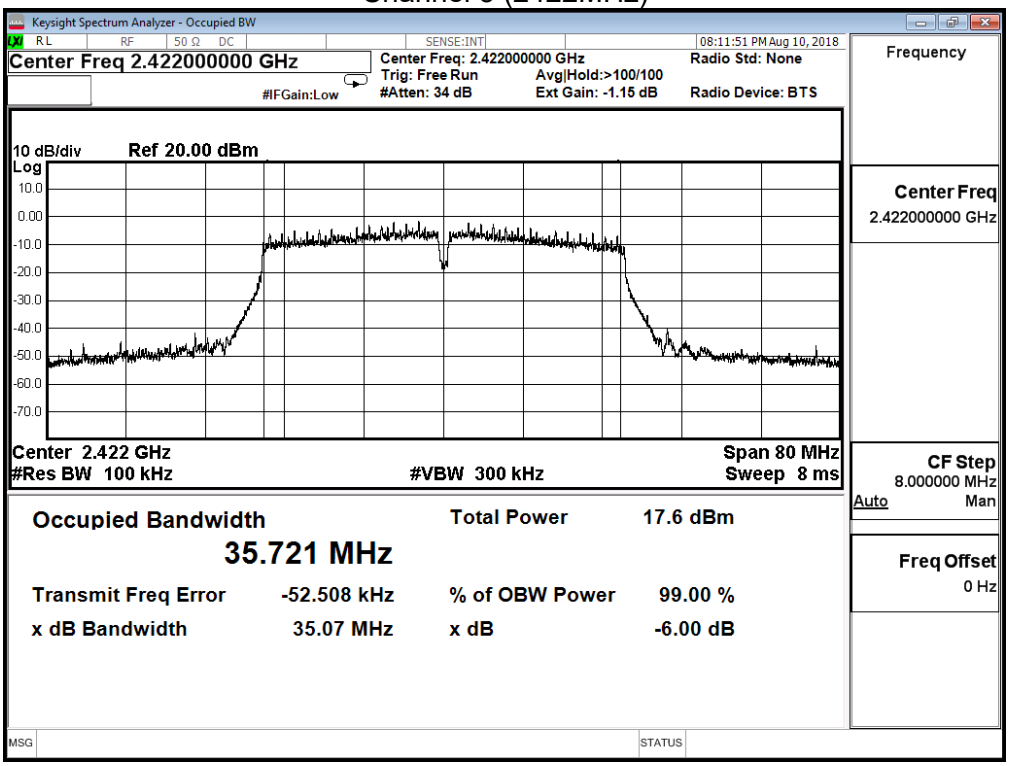
Channel 11 (2462MHz)



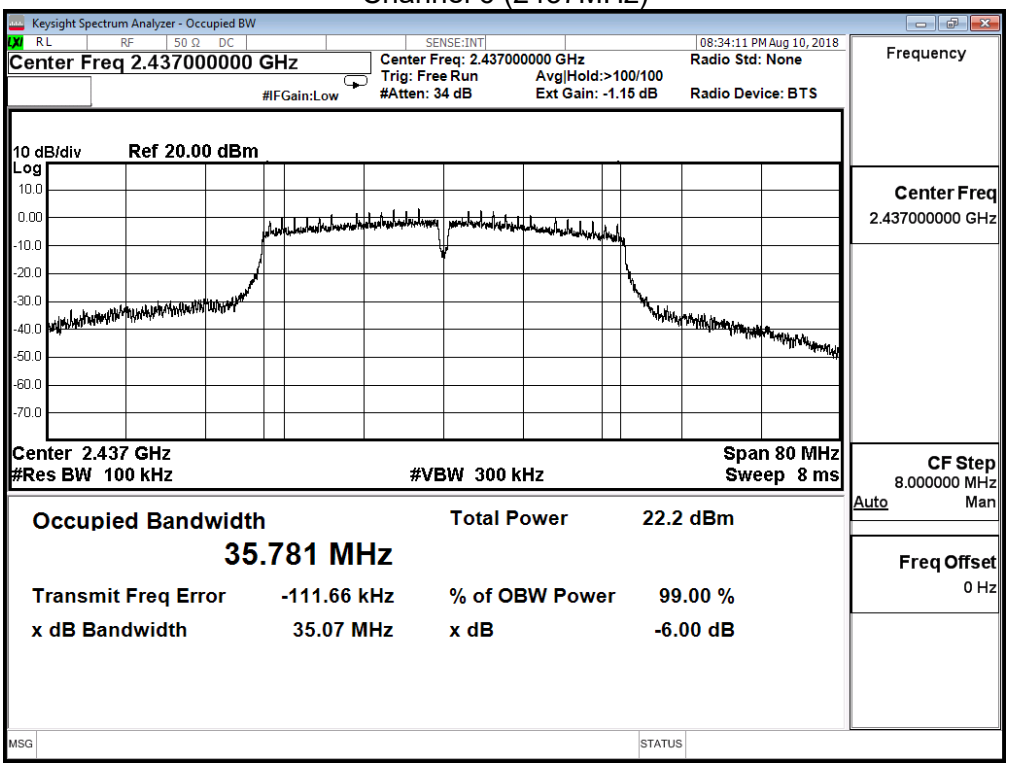
Product	Wireless-AC2400 Dual Band Gigabit Router Wireless-AC2600 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Date of Test	2018/08/10	Test Site	SR10-H

IEEE 802.11n 40M (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	35.070	≧0.5	Pass
6	2437	35.070	≧0.5	Pass
9	2452	35.080	≧0.5	Pass

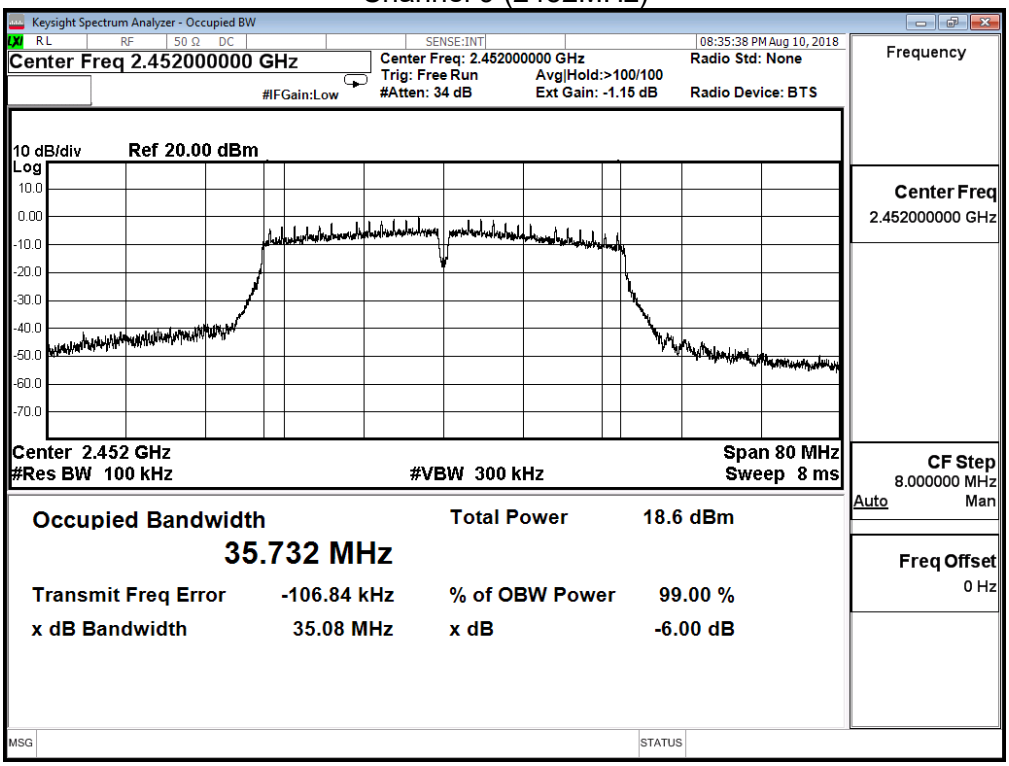
Channel 3 (2422MHz)



Channel 6 (2437MHz)



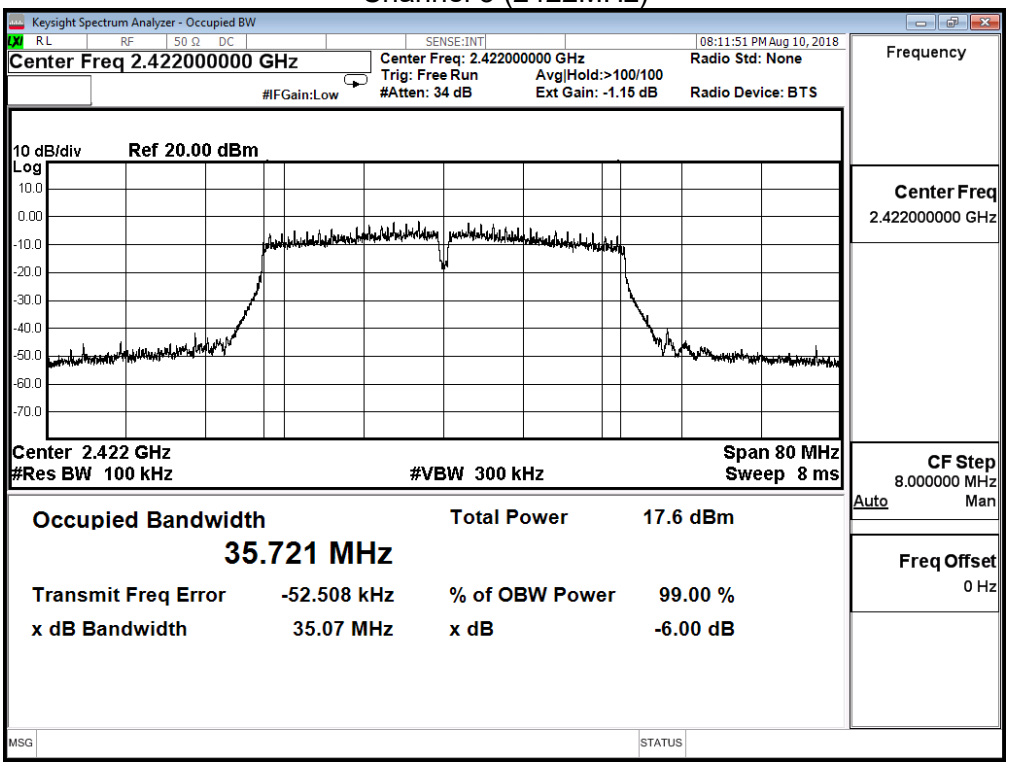
Channel 9 (2452MHz)



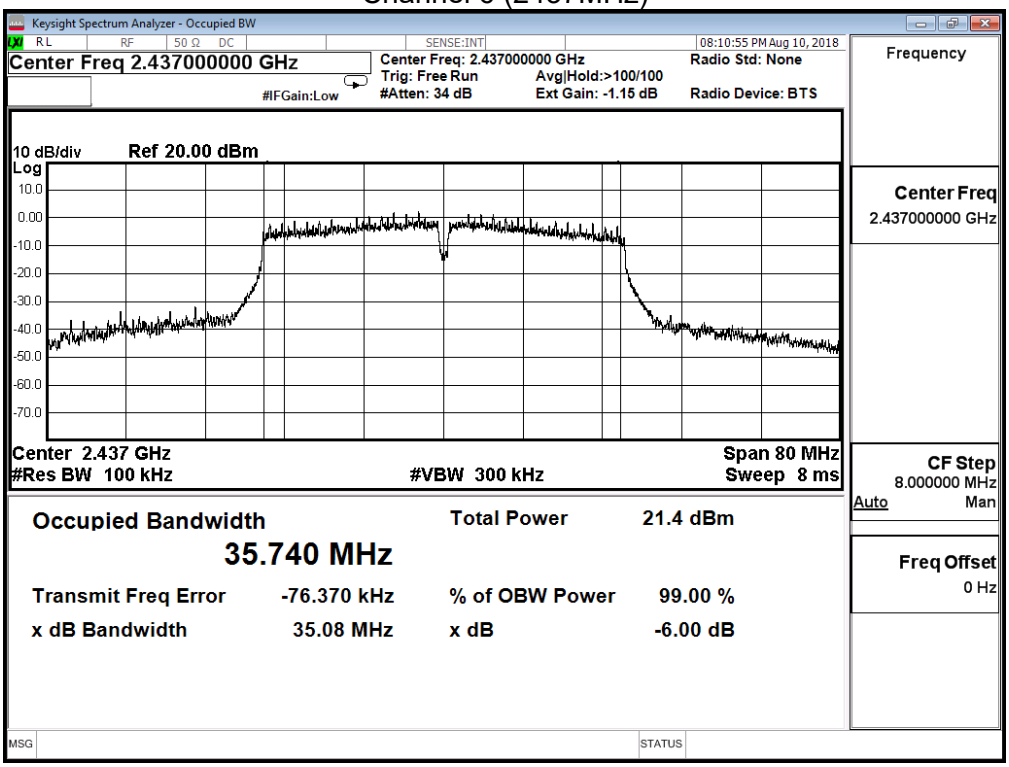
Product	Wireless-AC2400 Dual Band Gigabit Router Wireless-AC2600 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Date of Test	2018/08/10	Test Site	SR10-H

IEEE 802.11n 40M (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	35.070	≧0.5	Pass
6	2437	35.080	≧0.5	Pass
9	2452	35.080	≧0.5	Pass

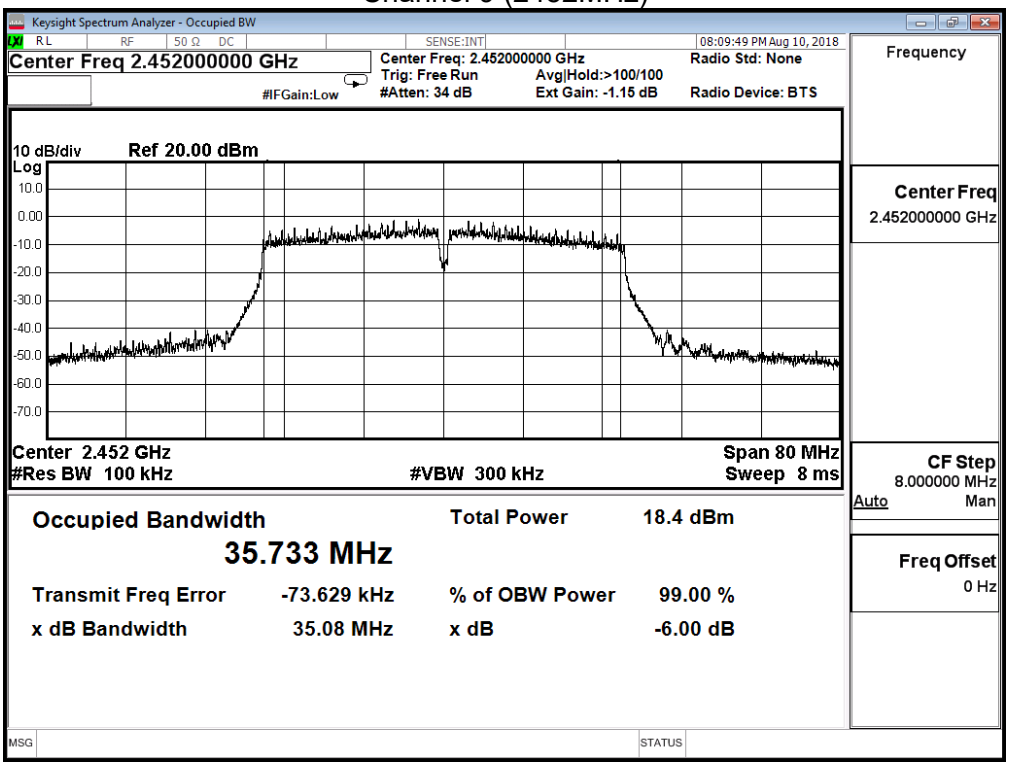
Channel 3 (2422MHz)



Channel 6 (2437MHz)



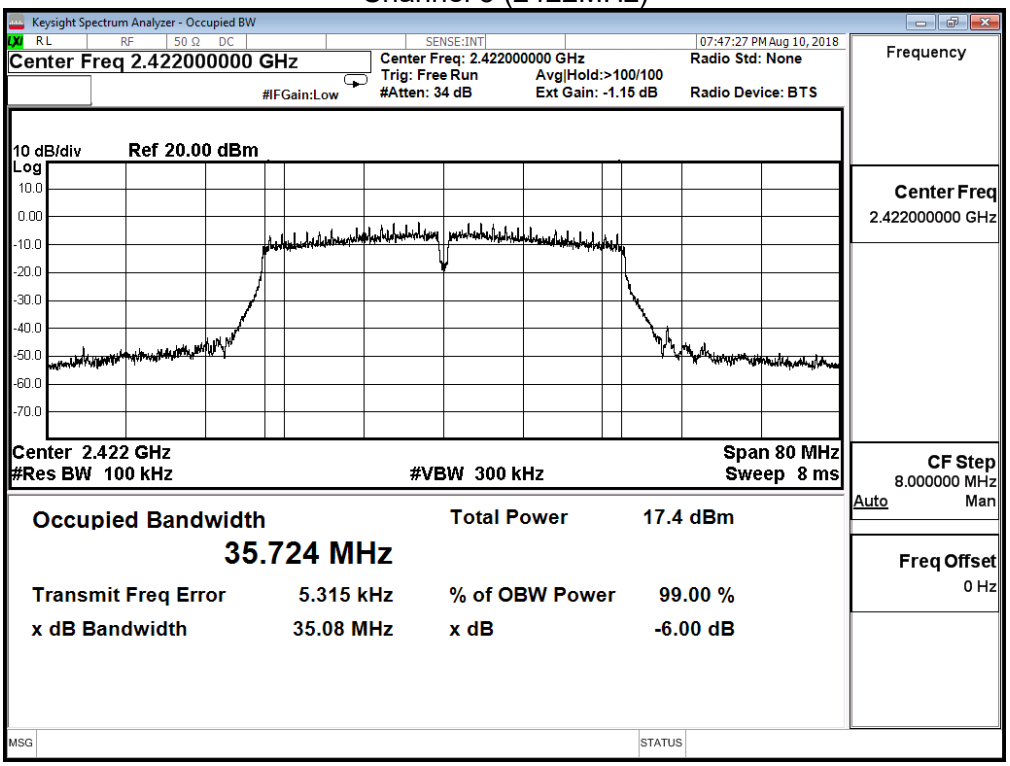
Channel 9 (2452MHz)



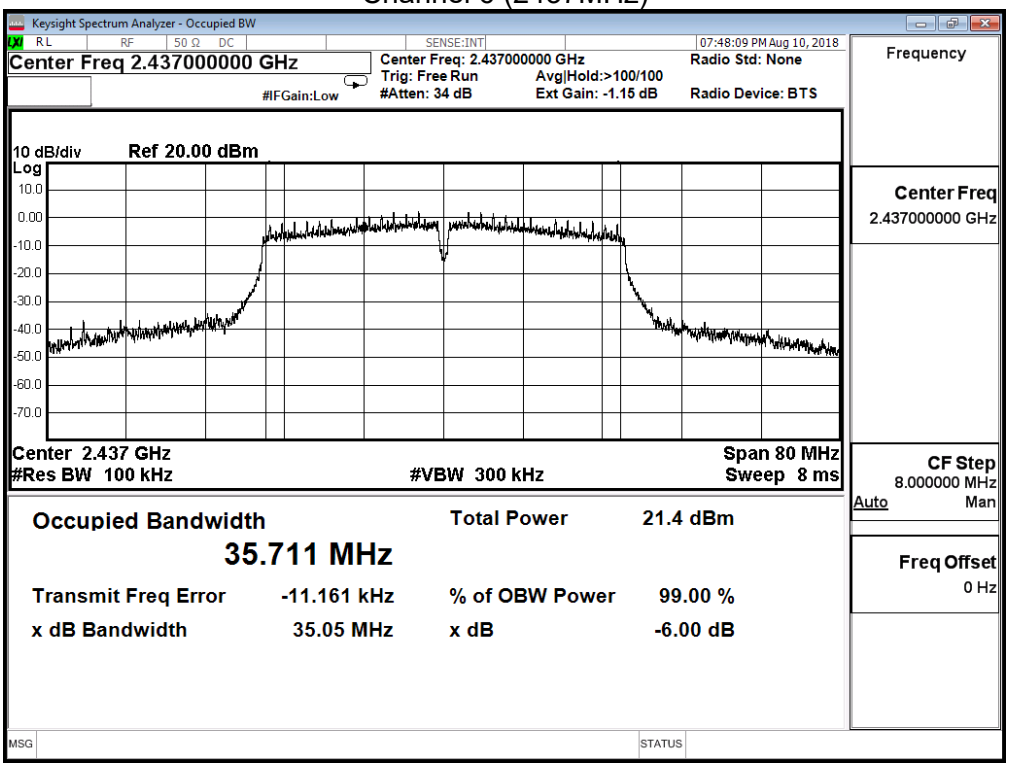
Product	Wireless-AC2400 Dual Band Gigabit Router Wireless-AC2600 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Date of Test	2018/08/10	Test Site	SR10-H

IEEE 802.11n 40M (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	35.080	≧0.5	Pass
6	2437	35.050	≧0.5	Pass
9	2452	35.070	≧0.5	Pass

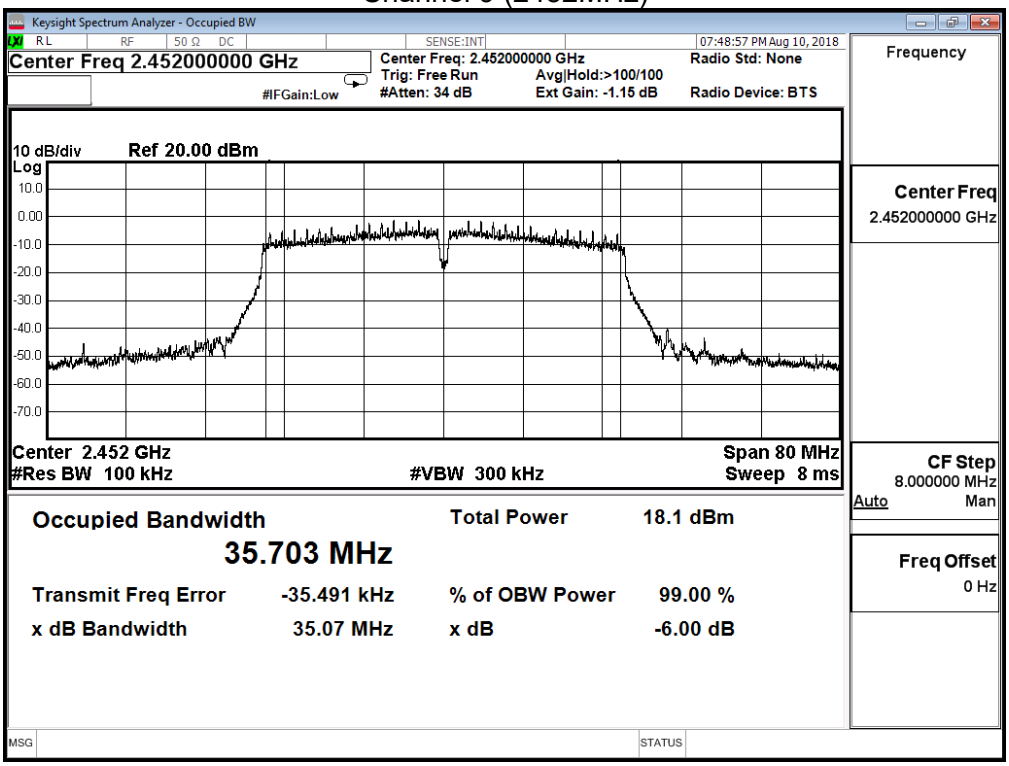
Channel 3 (2422MHz)



Channel 6 (2437MHz)



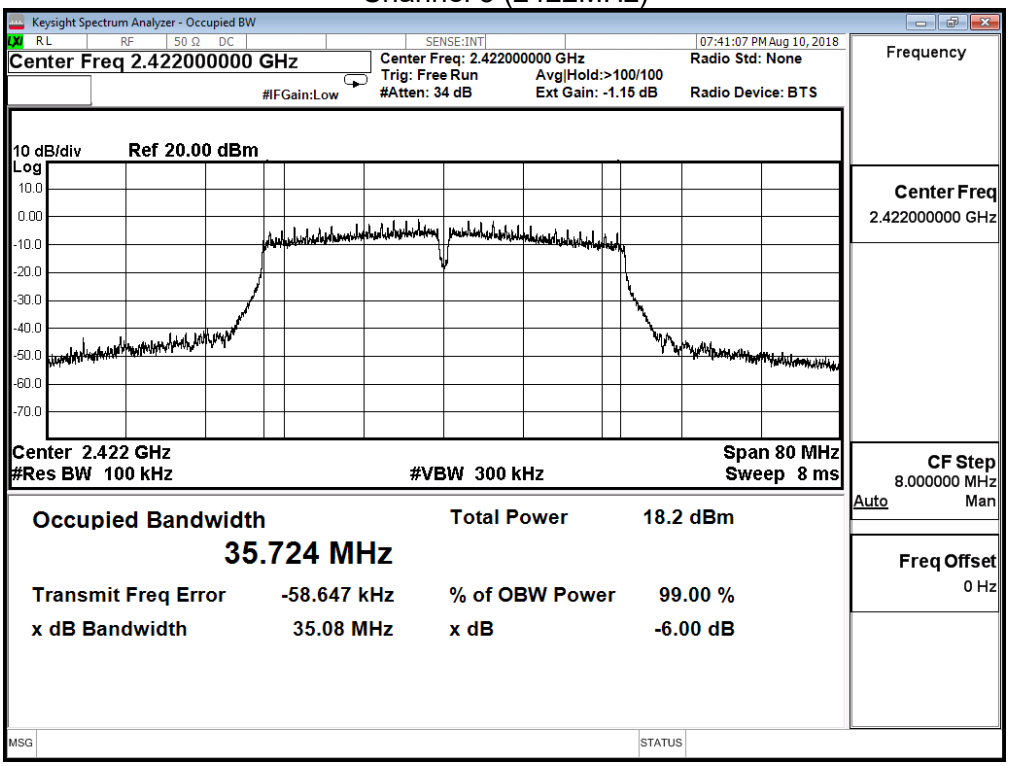
Channel 9 (2452MHz)



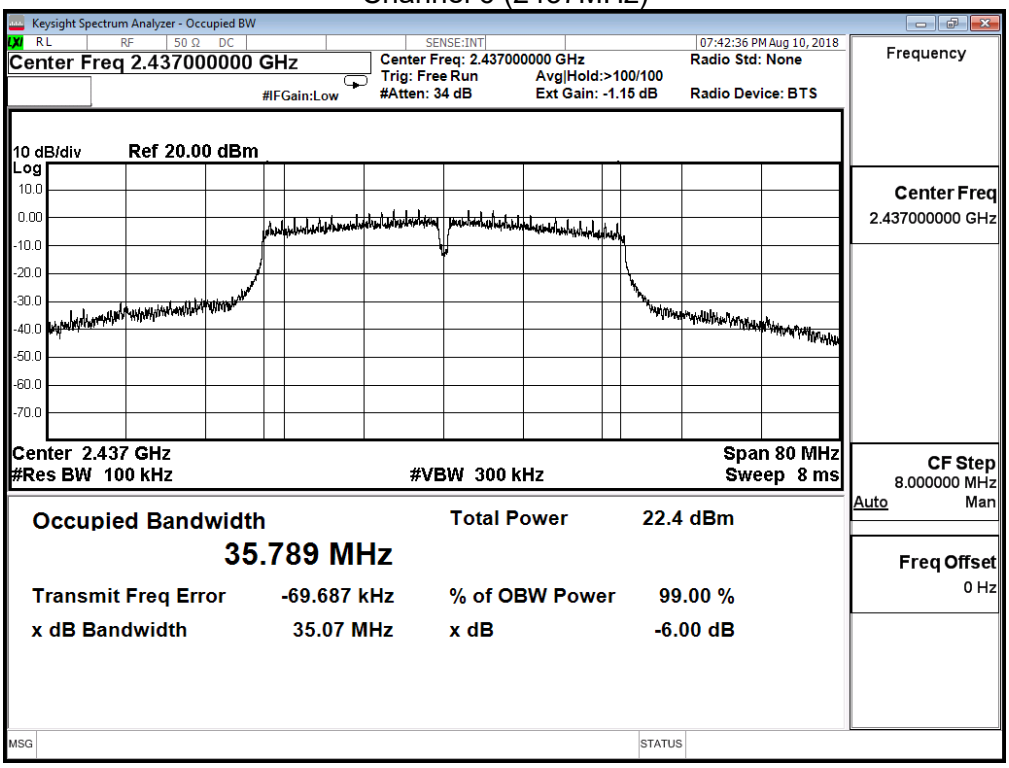
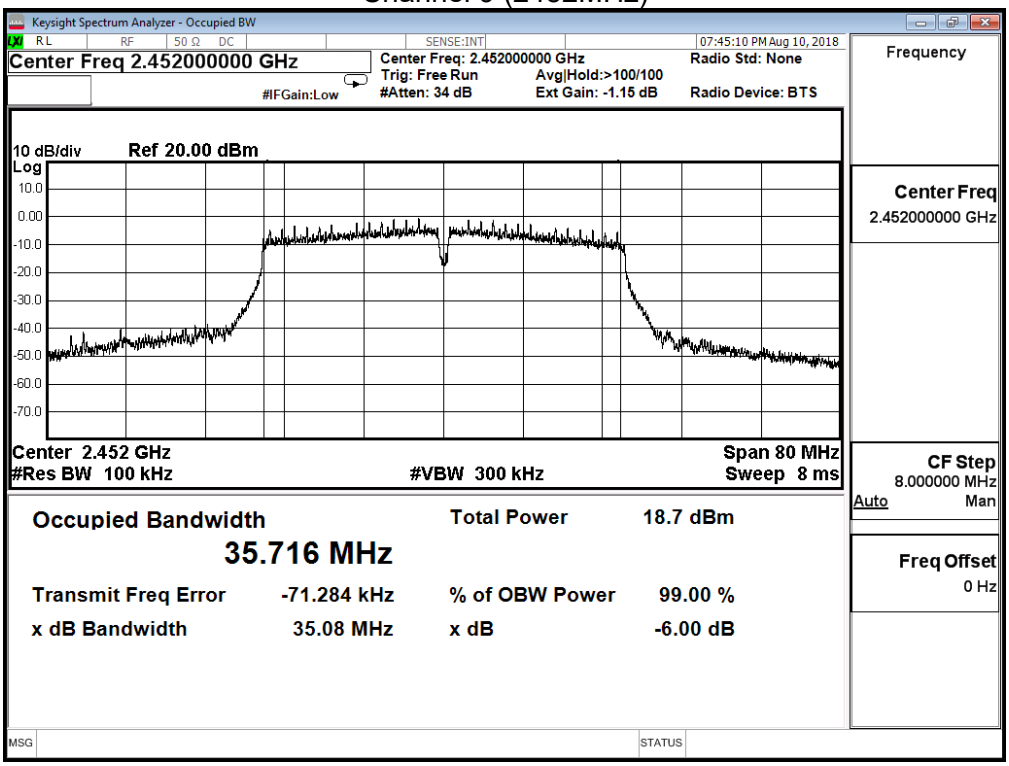
Product	Wireless-AC2400 Dual Band Gigabit Router Wireless-AC2600 Dual Band Gigabit Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode_CDD_WA-30P12FU		
Date of Test	2018/08/10	Test Site	SR10-H

IEEE 802.11n 40M (ANT 3)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	35.080	≧0.5	Pass
6	2437	35.070	≧0.5	Pass
9	2452	35.080	≧0.5	Pass

Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)