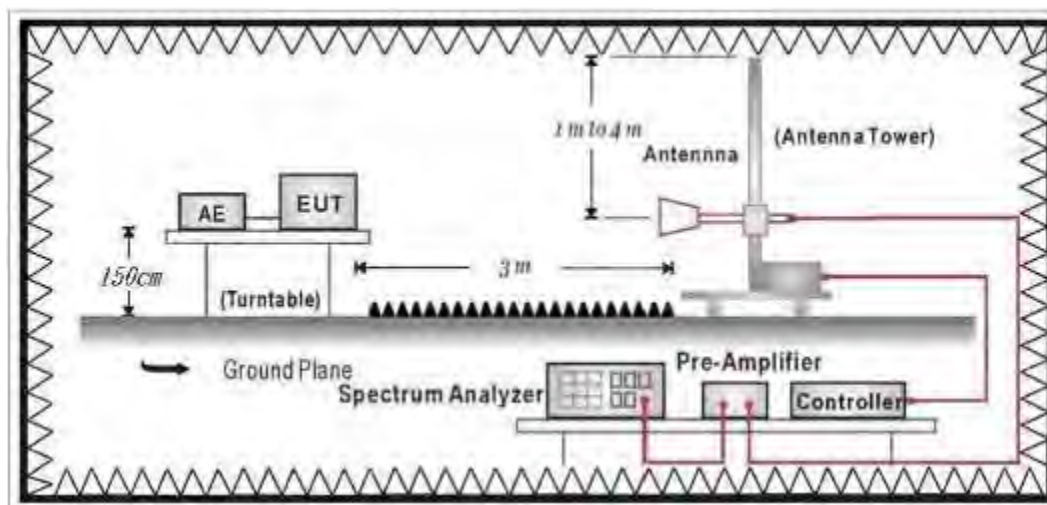


6. Radiated Emission Band Edge

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 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 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.

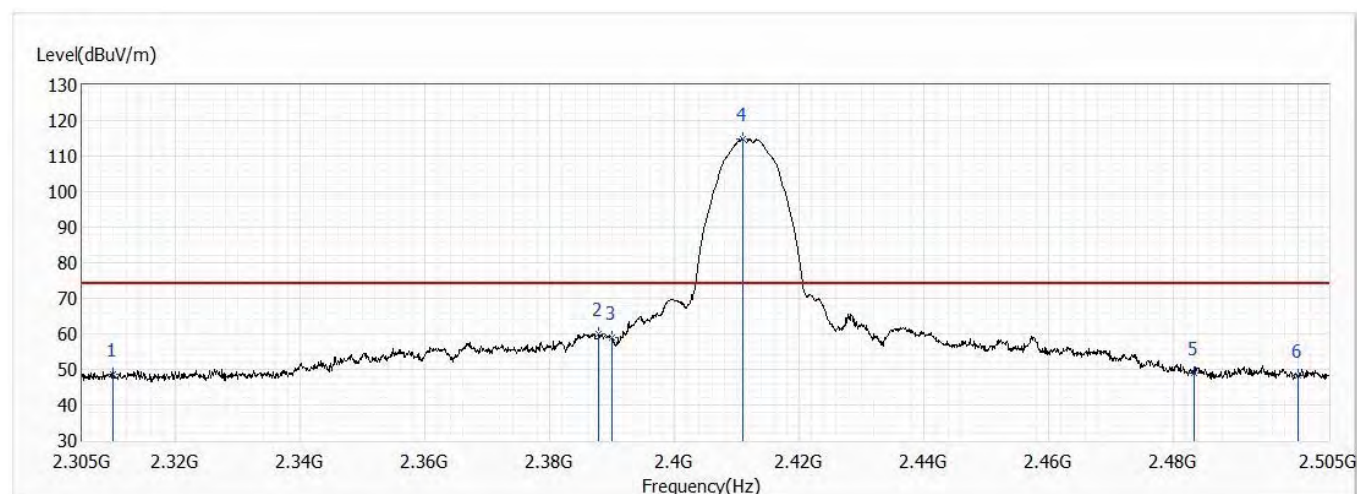
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

6.4. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2019

6.5. Test Result

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/5
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11b,Ant0+1,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

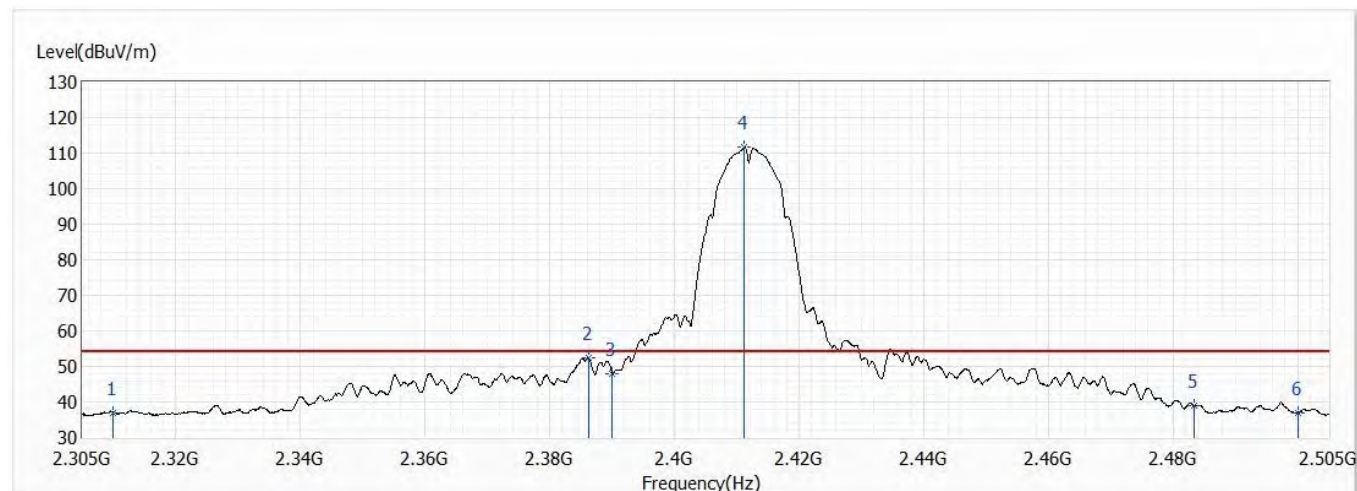


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	48.50	74.00	-25.50	35.89	12.61	PK
2	2387.900	59.90	74.00	-14.10	47.28	12.62	PK
3	2390.000	58.80	74.00	-15.20	46.19	12.61	PK
! 4	2411.000	114.82	74.00	40.82	102.20	12.62	PK
5	2483.500	48.86	74.00	-25.14	36.09	12.77	PK
6	2500.000	48.44	74.00	-25.56	35.65	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/5
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11b,Ant0+1,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

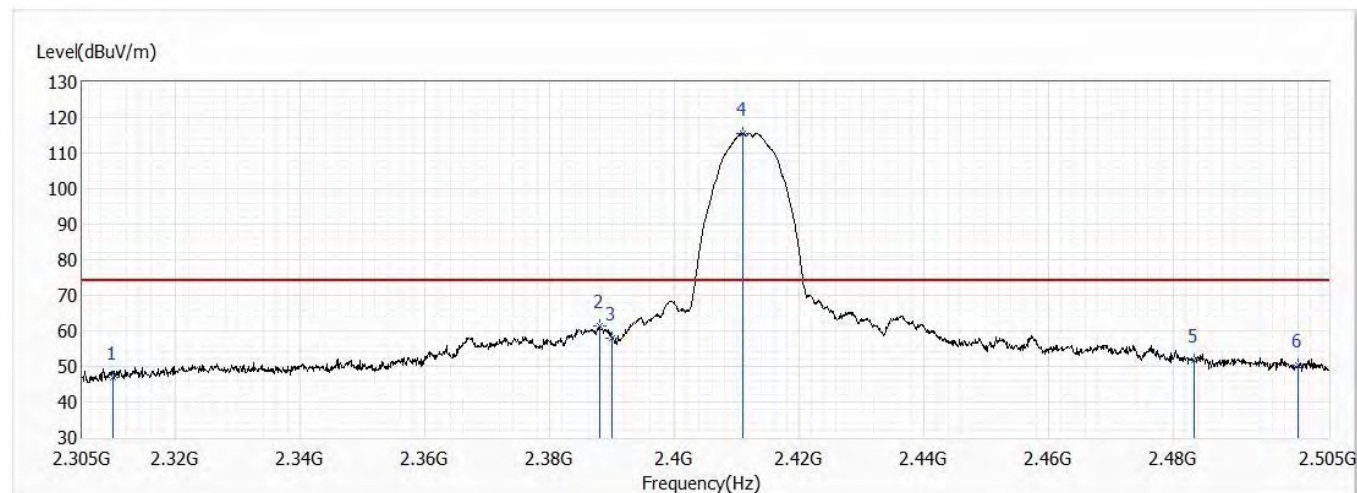


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	37.01	54.00	-16.99	24.40	12.61	AV
2	2386.200	52.41	54.00	-1.59	39.78	12.63	AV
3	2390.000	48.03	54.00	-5.97	35.42	12.61	AV
! 4	2411.200	111.62	54.00	57.62	99.00	12.62	AV
5	2483.500	38.86	54.00	-15.14	26.09	12.77	AV
6	2500.000	37.02	54.00	-16.98	24.23	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/5
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11b,Ant0+1,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

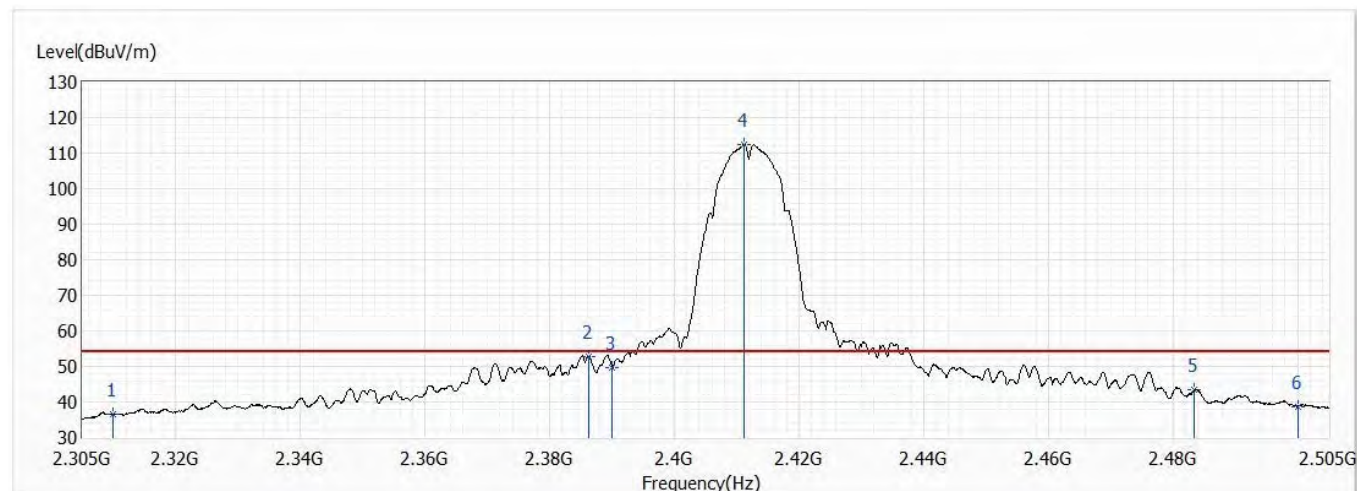


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	47.01	74.00	-26.99	34.40	12.61	PK
2	2388.000	61.34	74.00	-12.66	48.72	12.62	PK
3	2390.000	57.95	74.00	-16.05	45.34	12.61	PK
! 4	2410.900	115.65	74.00	41.65	103.03	12.62	PK
5	2483.500	51.79	74.00	-22.21	39.02	12.77	PK
6	2500.000	50.26	74.00	-23.74	37.47	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/5
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11b,Ant0+1,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

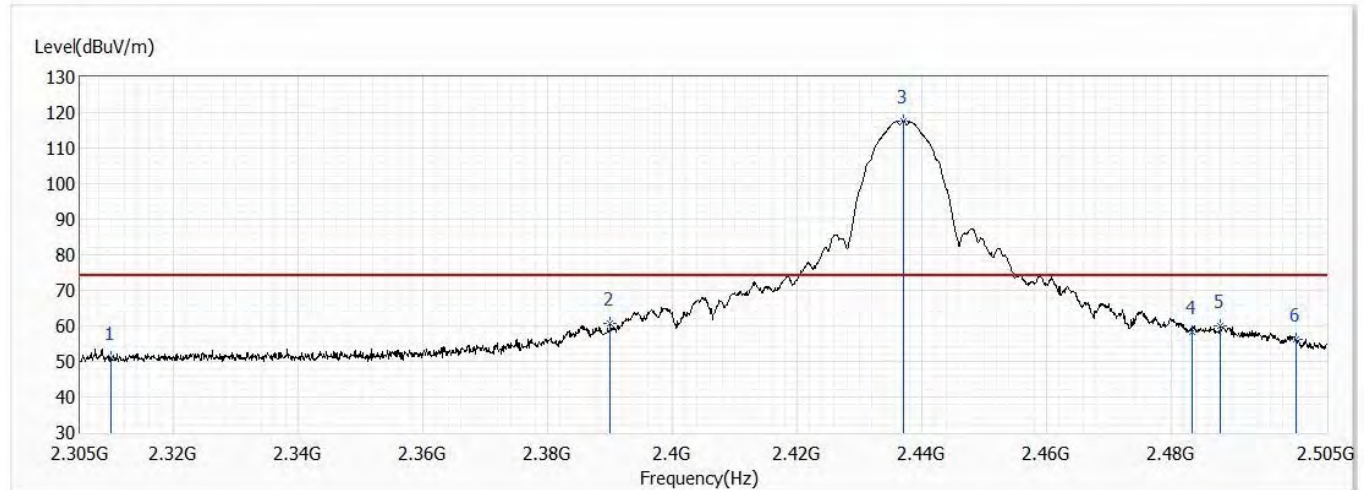


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	36.67	54.00	-17.33	24.06	12.61	AV
2	2386.200	52.91	54.00	-1.09	40.28	12.63	AV
3	2390.000	49.71	54.00	-4.29	37.10	12.61	AV
! 4	2411.200	112.52	54.00	58.52	99.90	12.62	AV
5	2483.500	43.37	54.00	-10.63	30.60	12.77	AV
6	2500.000	38.73	54.00	-15.27	25.94	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/5
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11b,Ant0+1,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

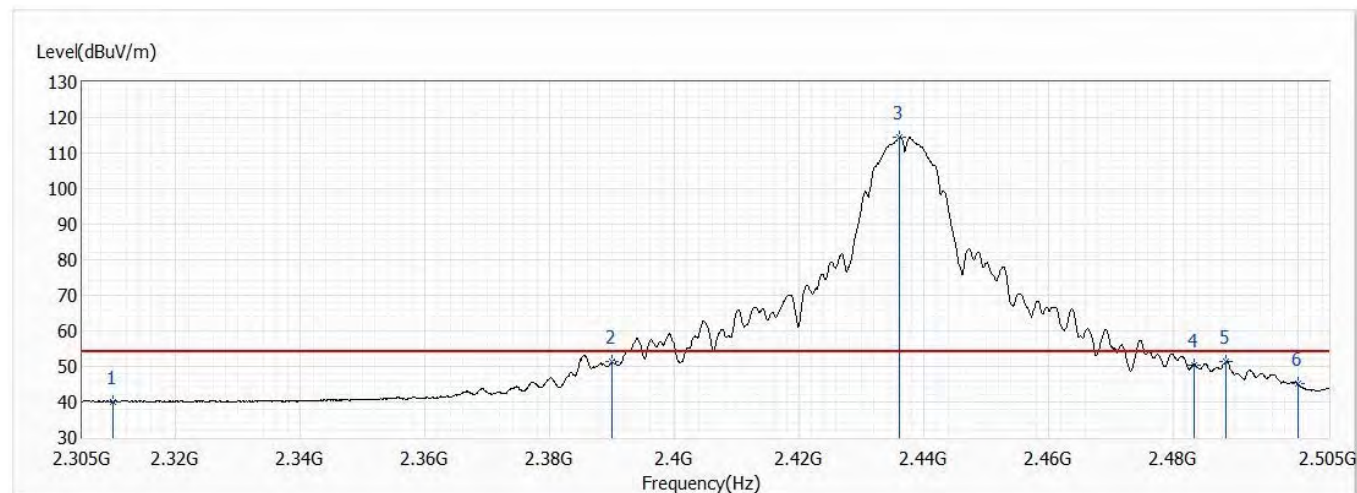


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	50.91	74.00	-23.09	38.30	12.61	PK
2	2390.000	60.80	74.00	-13.20	48.19	12.61	PK
! 3	2437.000	117.54	74.00	43.54	104.84	12.70	PK
4	2483.500	58.23	74.00	-15.77	45.46	12.77	PK
5	2488.000	60.14	74.00	-13.86	47.36	12.78	PK
6	2500.000	56.36	74.00	-17.64	43.57	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/5
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11b,Ant0+1,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

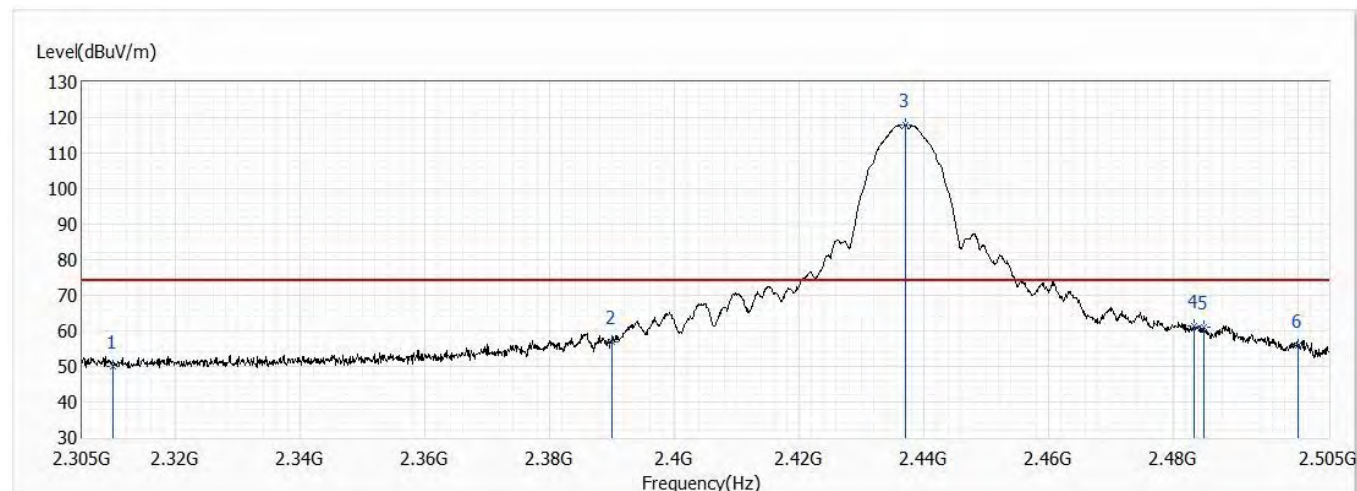


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.16	54.00	-13.84	27.55	12.61	AV
2	2390.000	51.46	54.00	-2.54	38.85	12.61	AV
! 3	2436.200	114.54	54.00	60.54	101.84	12.70	AV
4	2483.500	50.43	54.00	-3.57	37.66	12.77	AV
5	2488.600	51.40	54.00	-2.60	38.62	12.78	AV
6	2500.000	45.02	54.00	-8.98	32.23	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/5
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11b,Ant0+1,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

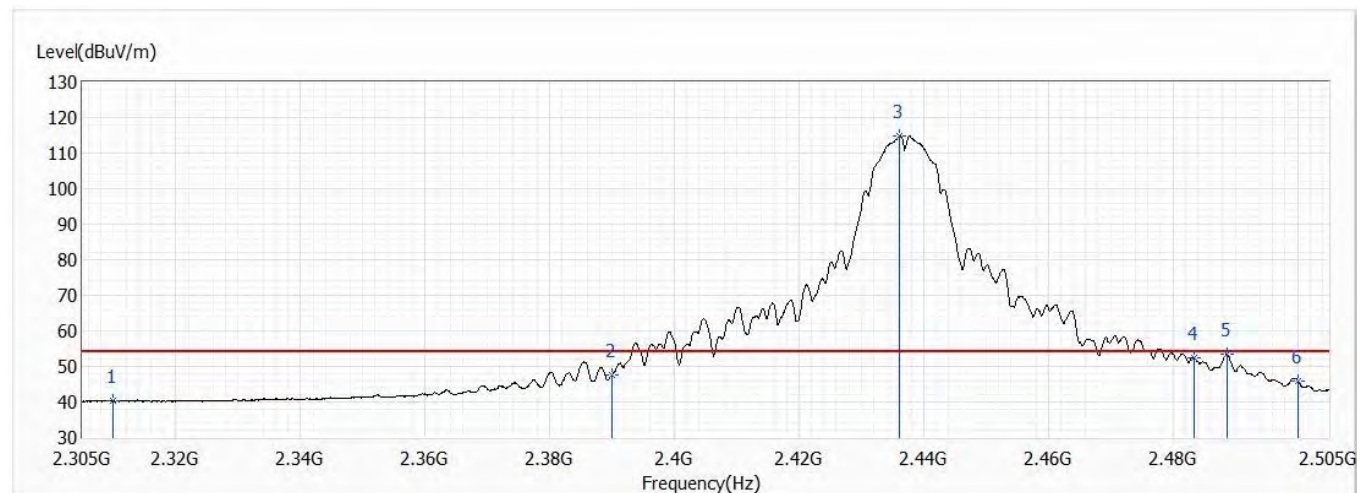


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	50.04	74.00	-23.96	37.43	12.61	PK
2	2390.000	56.95	74.00	-17.05	44.34	12.61	PK
! 3	2437.100	117.92	74.00	43.92	105.22	12.70	PK
4	2483.500	61.41	74.00	-12.59	48.64	12.77	PK
5	2484.900	60.91	74.00	-13.09	48.14	12.77	PK
6	2500.000	55.82	74.00	-18.18	43.03	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/5
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11b,Ant0+1,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

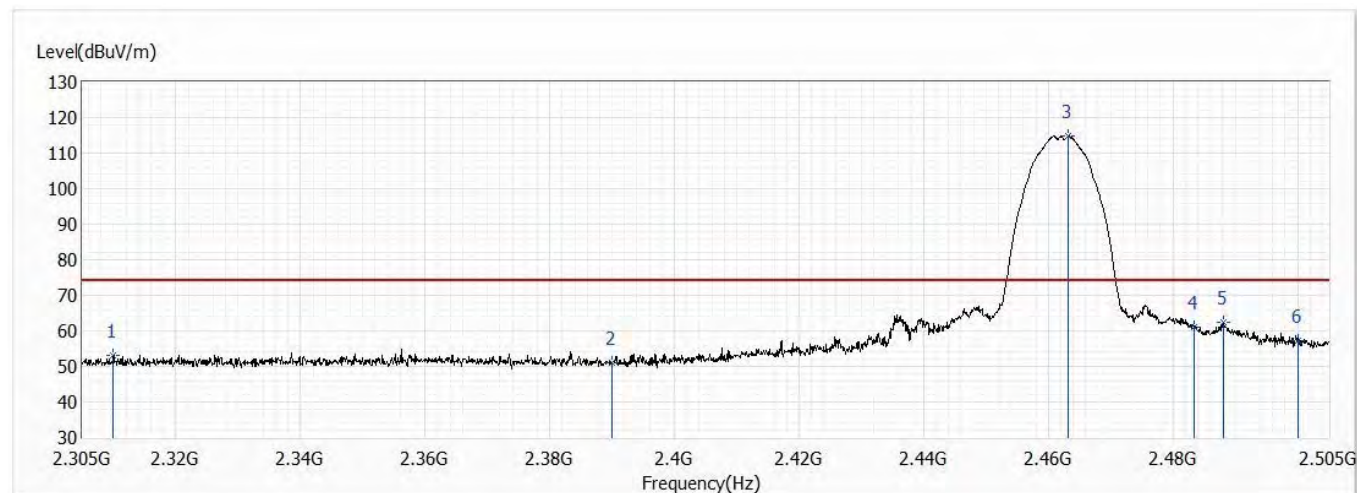


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.27	54.00	-13.73	27.66	12.61	AV
2	2390.000	47.66	54.00	-6.34	35.05	12.61	AV
! 3	2436.200	114.89	54.00	60.89	102.19	12.70	AV
4	2483.500	52.33	54.00	-1.67	39.56	12.77	AV
5	2488.800	53.41	54.00	-0.59	40.63	12.78	AV
6	2500.000	45.87	54.00	-8.13	33.08	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/5
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11b,Ant0+1,Ch 11,2.462G,BW20M	Humidity (%RH)	58.0

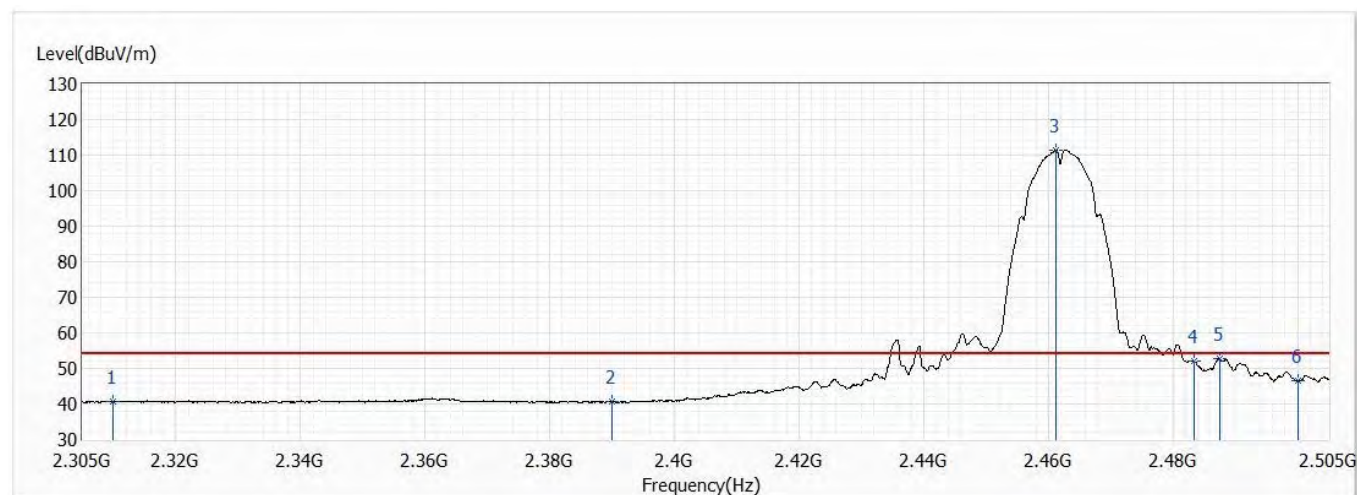


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	53.25	74.00	-20.75	40.64	12.61	PK
2	2390.000	51.20	74.00	-22.80	38.59	12.61	PK
! 3	2463.200	114.74	74.00	40.74	101.99	12.75	PK
4	2483.500	61.08	74.00	-12.92	48.31	12.77	PK
5	2488.100	62.27	74.00	-11.73	49.49	12.78	PK
6	2500.000	57.32	74.00	-16.68	44.53	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/5
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11b,Ant0+1,Ch 11,2.462G,BW20M	Humidity (%RH)	58.0

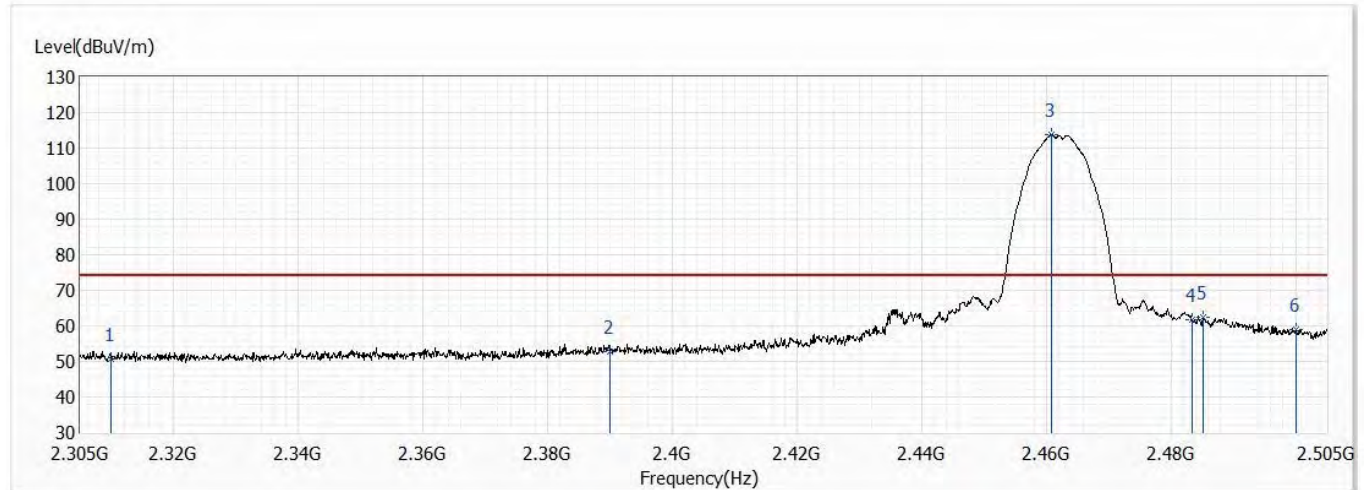


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.66	54.00	-13.34	28.05	12.61	AV
2	2390.000	40.58	54.00	-13.42	27.97	12.61	AV
! 3	2461.200	111.51	54.00	57.51	98.76	12.75	AV
4	2483.500	52.00	54.00	-2.00	39.23	12.77	AV
5	2487.500	52.84	54.00	-1.16	40.06	12.78	AV
6	2500.000	46.51	54.00	-7.49	33.72	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/5
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11b,Ant0+1,Ch 11,2.462G,BW20M	Humidity (%RH)	58.0

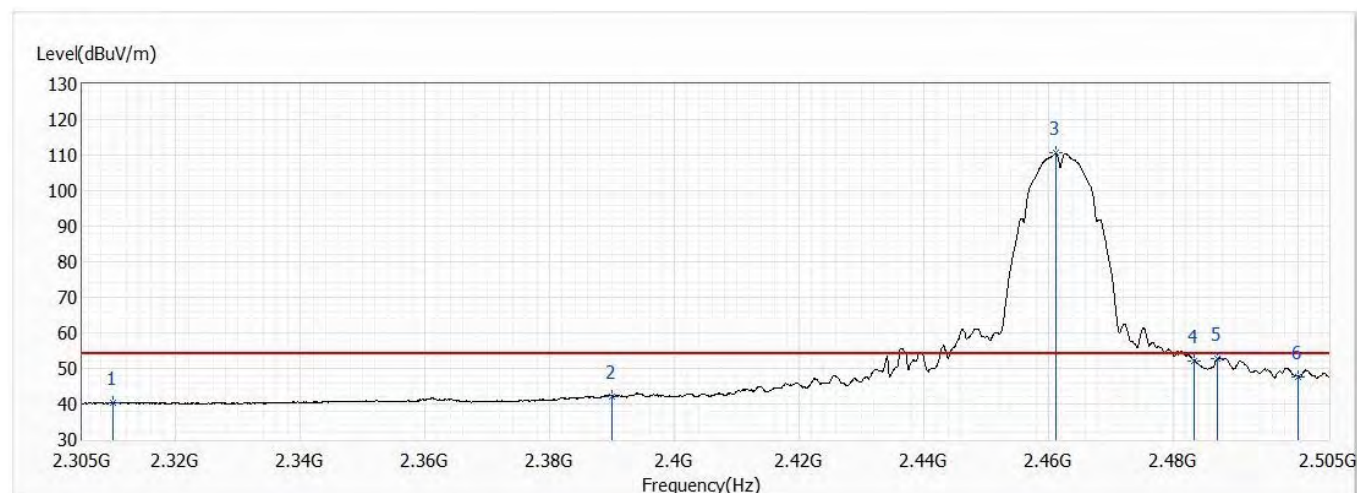


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	50.64	74.00	-23.36	38.03	12.61	PK
2	2390.000	52.79	74.00	-21.21	40.18	12.61	PK
! 3	2460.900	113.69	74.00	39.69	100.94	12.75	PK
4	2483.500	61.60	74.00	-12.40	48.83	12.77	PK
5	2485.100	62.44	74.00	-11.56	49.67	12.77	PK
6	2500.000	59.09	74.00	-14.91	46.30	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/5
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11b,Ant0+1,Ch 11,2.462G,BW20M	Humidity (%RH)	58.0

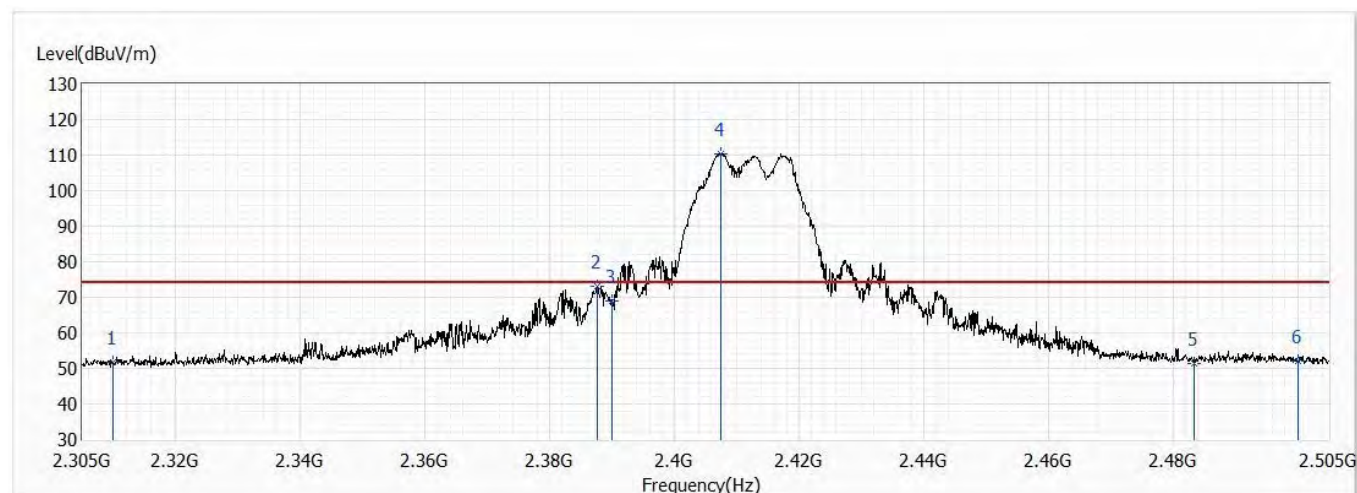


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.20	54.00	-13.80	27.59	12.61	AV
2	2390.000	42.24	54.00	-11.76	29.63	12.61	AV
! 3	2461.200	110.52	54.00	56.52	97.77	12.75	AV
4	2483.500	52.11	54.00	-1.89	39.34	12.77	AV
5	2487.200	52.91	54.00	-1.09	40.12	12.79	AV
6	2500.000	47.74	54.00	-6.26	34.95	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/5
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11g,Ant0+1,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

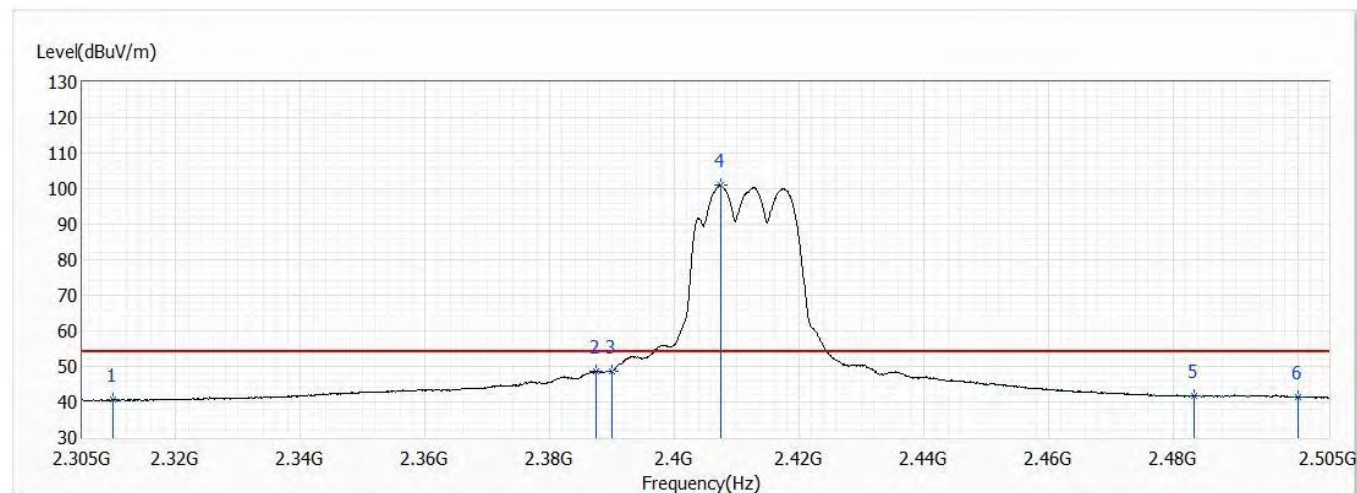


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	51.73	74.00	-22.27	39.12	12.61	PK
2	2387.600	73.11	74.00	-0.89	60.49	12.62	PK
3	2390.000	69.00	74.00	-5.00	56.39	12.61	PK
! 4	2407.500	110.45	74.00	36.45	97.84	12.61	PK
5	2483.500	51.53	74.00	-22.47	38.76	12.77	PK
6	2500.000	52.09	74.00	-21.91	39.30	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/5
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11g,Ant0+1,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

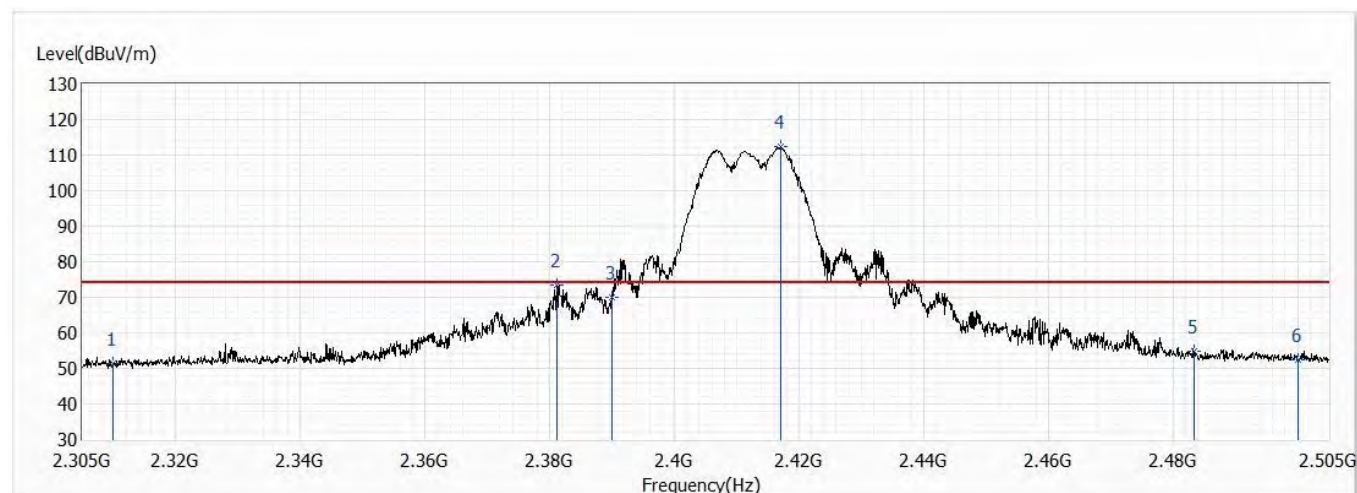


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.73	54.00	-13.27	28.12	12.61	AV
2	2387.500	48.58	54.00	-5.42	35.96	12.62	AV
3	2390.000	48.72	54.00	-5.28	36.11	12.61	AV
! 4	2407.400	100.98	54.00	46.98	88.37	12.61	AV
5	2483.500	41.83	54.00	-12.17	29.06	12.77	AV
6	2500.000	41.48	54.00	-12.52	28.69	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/5
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11g,Ant0+1,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

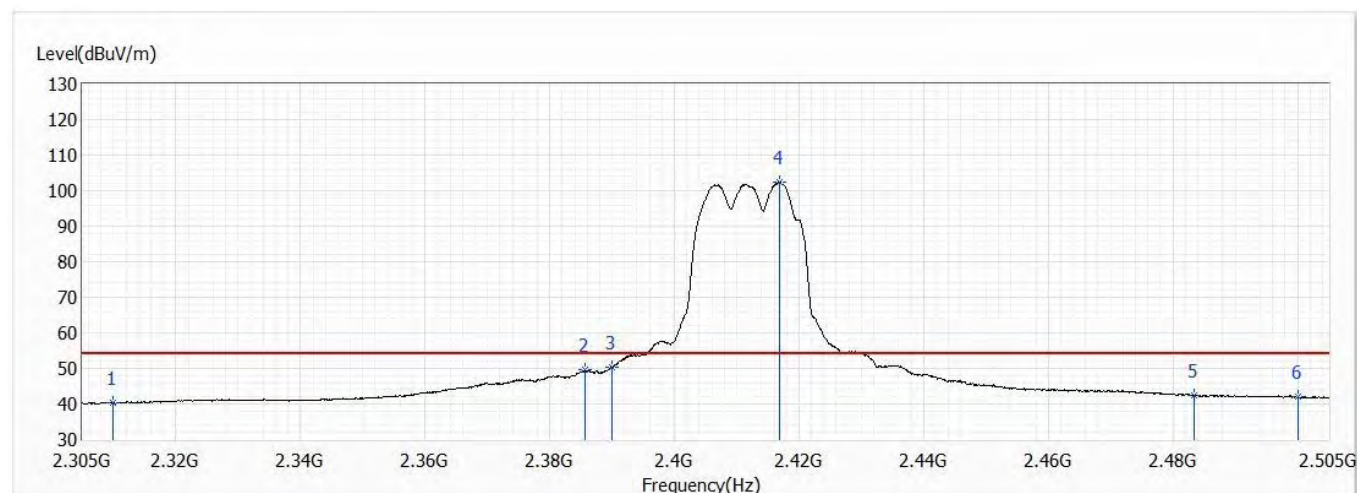


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	51.27	74.00	-22.73	38.66	12.61	PK
2	2381.100	73.60	74.00	-0.40	60.96	12.64	PK
3	2390.000	69.94	74.00	-4.06	57.33	12.61	PK
! 4	2417.100	112.28	74.00	38.28	99.65	12.63	PK
5	2483.500	54.73	74.00	-19.27	41.96	12.77	PK
6	2500.000	52.54	74.00	-21.46	39.75	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/5
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11g,Ant0+1,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

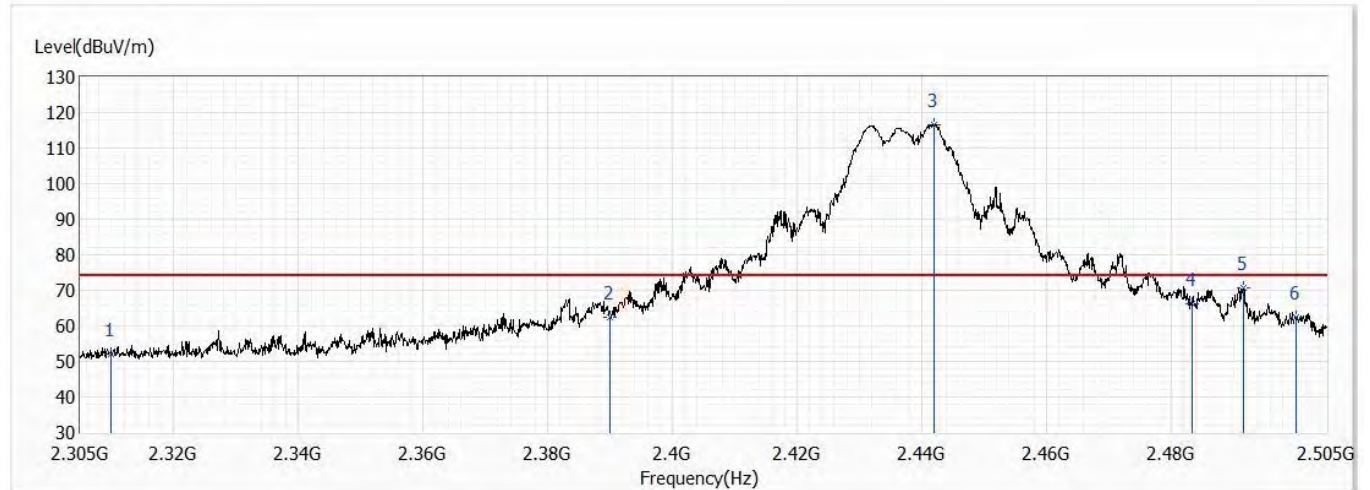


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.40	54.00	-13.60	27.79	12.61	AV
2	2385.600	49.55	54.00	-4.45	36.92	12.63	AV
3	2390.000	50.20	54.00	-3.80	37.59	12.61	AV
! 4	2416.900	102.34	54.00	48.34	89.71	12.63	AV
5	2483.500	42.44	54.00	-11.56	29.67	12.77	AV
6	2500.000	41.92	54.00	-12.08	29.13	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11g,Ant0+1,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

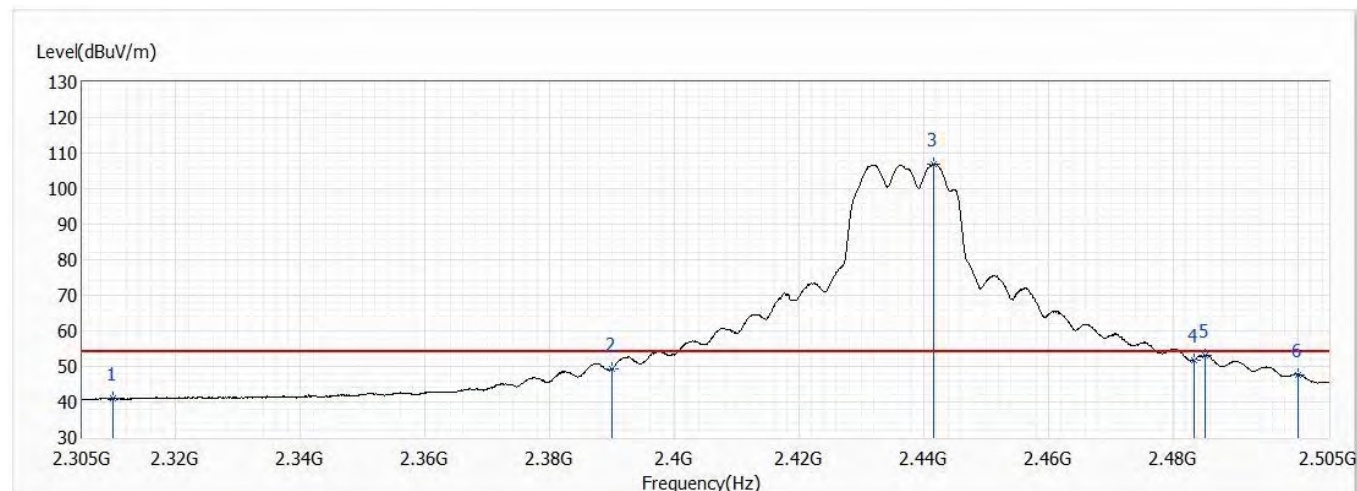


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	51.97	74.00	-22.03	39.36	12.61	PK
2	2390.000	62.42	74.00	-11.58	49.81	12.61	PK
! 3	2441.900	116.68	74.00	42.68	103.97	12.71	PK
4	2483.500	66.25	74.00	-7.75	53.48	12.77	PK
5	2491.700	70.54	74.00	-3.46	57.76	12.78	PK
6	2500.000	62.31	74.00	-11.69	49.52	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11g,Ant0+1,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

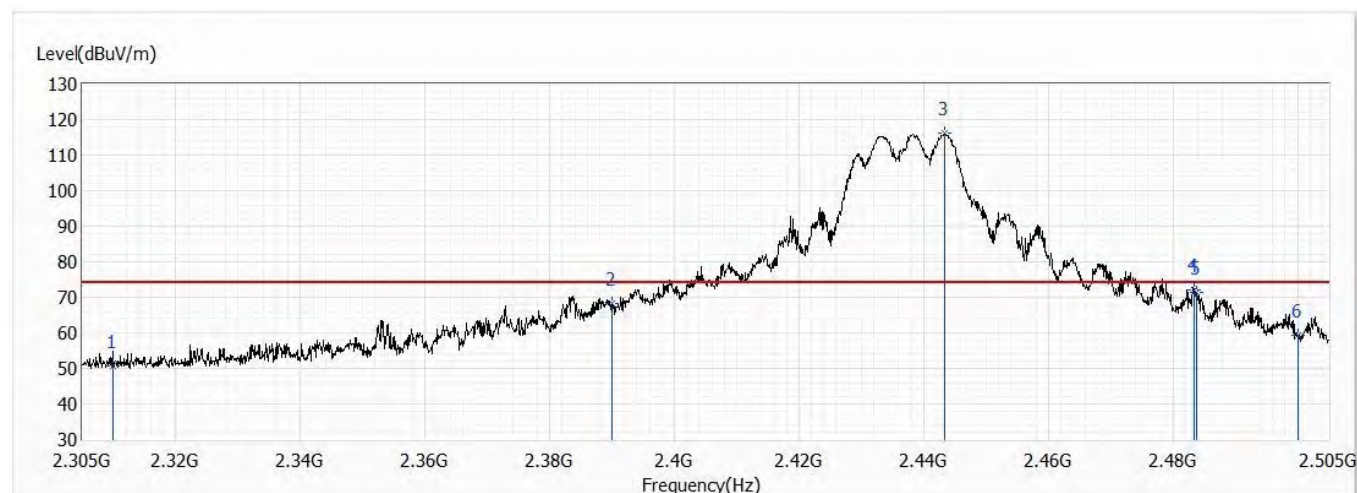


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.91	54.00	-13.09	28.30	12.61	AV
2	2390.000	49.36	54.00	-4.64	36.75	12.61	AV
! 3	2441.600	106.85	54.00	52.85	94.14	12.71	AV
4	2483.500	51.75	54.00	-2.25	38.98	12.77	AV
5	2485.100	53.18	54.00	-0.82	40.41	12.77	AV
6	2500.000	47.61	54.00	-6.39	34.82	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11g,Ant0+1,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

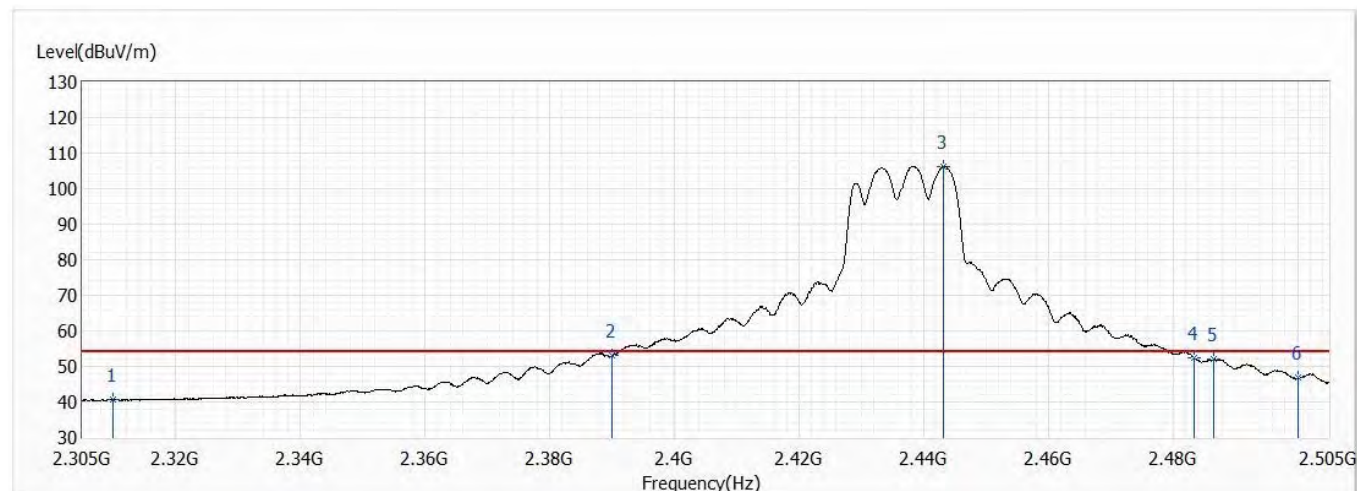


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	50.53	74.00	-23.47	37.92	12.61	PK
2	2390.000	68.39	74.00	-5.61	55.78	12.61	PK
! 3	2443.300	116.11	74.00	42.11	103.40	12.71	PK
4	2483.500	72.02	74.00	-1.98	59.25	12.77	PK
5	2483.900	71.54	74.00	-2.46	58.77	12.77	PK
6	2500.000	59.16	74.00	-14.84	46.37	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11g,Ant0+1,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

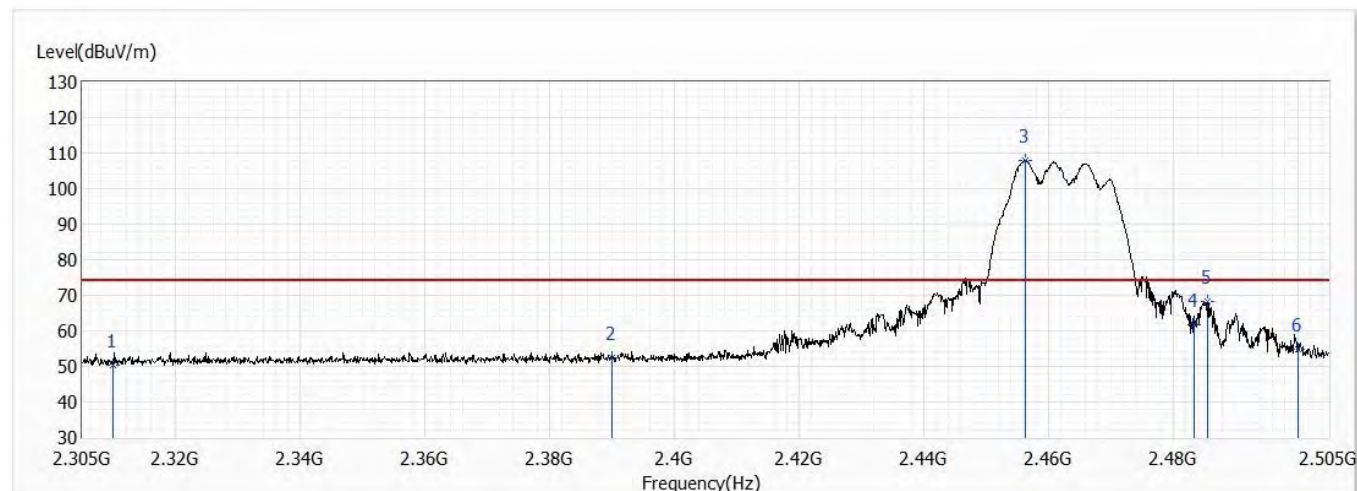


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.60	54.00	-13.40	27.99	12.61	AV
2	2390.000	53.05	54.00	-0.95	40.44	12.61	AV
! 3	2443.200	106.26	54.00	52.26	93.55	12.71	AV
4	2483.500	52.42	54.00	-1.58	39.65	12.77	AV
5	2486.600	52.11	54.00	-1.89	39.34	12.77	AV
6	2500.000	46.73	54.00	-7.27	33.94	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11g,Ant0+1,Ch 11,2.462G,BW20M	Humidity (%RH)	58.0

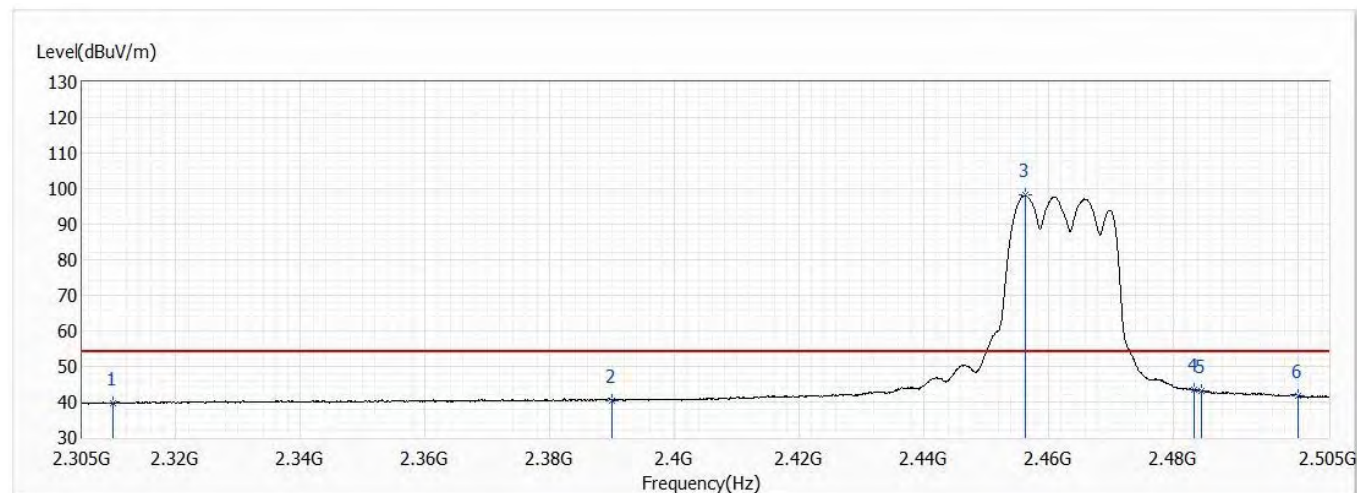


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	50.41	74.00	-23.59	37.80	12.61	PK
2	2390.000	52.46	74.00	-21.54	39.85	12.61	PK
! 3	2456.300	107.89	74.00	33.89	95.14	12.75	PK
4	2483.500	61.79	74.00	-12.21	49.02	12.77	PK
5	2485.600	68.22	74.00	-5.78	55.45	12.77	PK
6	2500.000	54.74	74.00	-19.26	41.95	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11g,Ant0+1,Ch 11,2.462G,BW20M	Humidity (%RH)	58.0

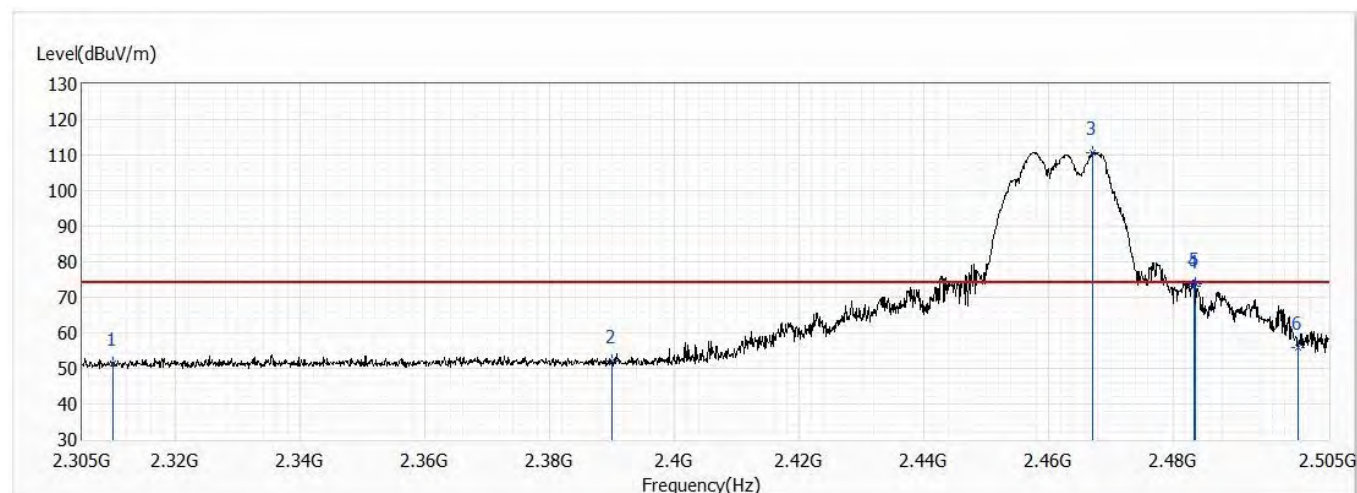


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	39.72	54.00	-14.28	27.11	12.61	AV
2	2390.000	40.48	54.00	-13.52	27.87	12.61	AV
! 3	2456.400	98.14	54.00	44.14	85.39	12.75	AV
4	2483.500	43.33	54.00	-10.67	30.56	12.77	AV
5	2484.500	43.07	54.00	-10.93	30.30	12.77	AV
6	2500.000	41.87	54.00	-12.13	29.08	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11g,Ant0+1,Ch 11,2.462G,BW20M	Humidity (%RH)	58.0

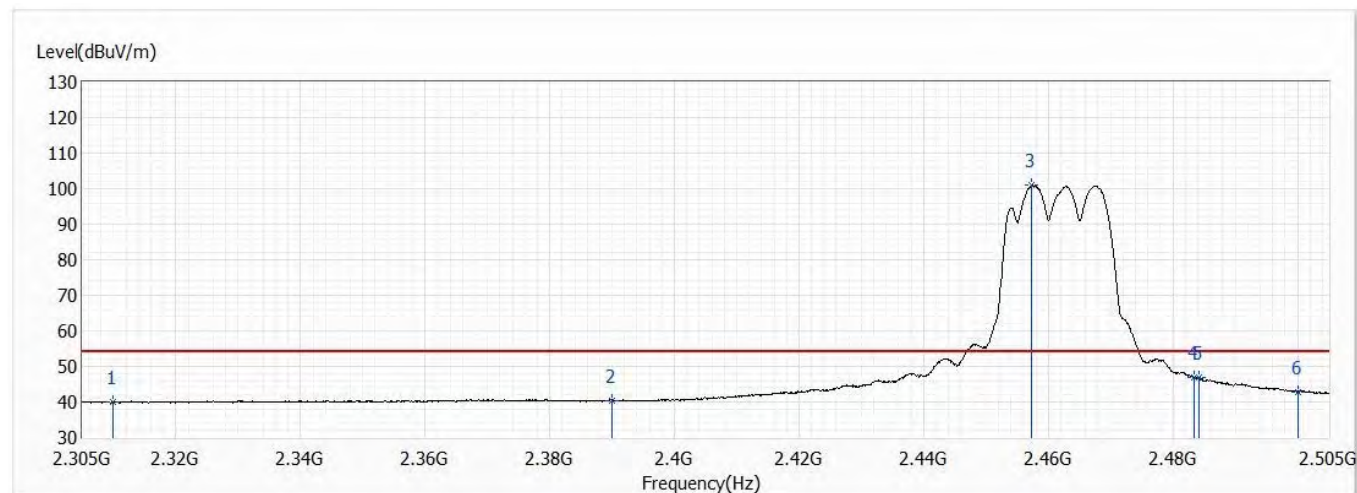


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	51.52	74.00	-22.48	38.91	12.61	PK
2	2390.000	51.91	74.00	-22.09	39.30	12.61	PK
! 3	2467.100	110.80	74.00	36.80	98.04	12.76	PK
4	2483.500	73.06	74.00	-0.94	60.29	12.77	PK
5	2483.600	73.93	74.00	-0.07	61.16	12.77	PK
6	2500.000	55.96	74.00	-18.04	43.17	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11g,Ant0+1,Ch 11,2.462G,BW20M	Humidity (%RH)	58.0

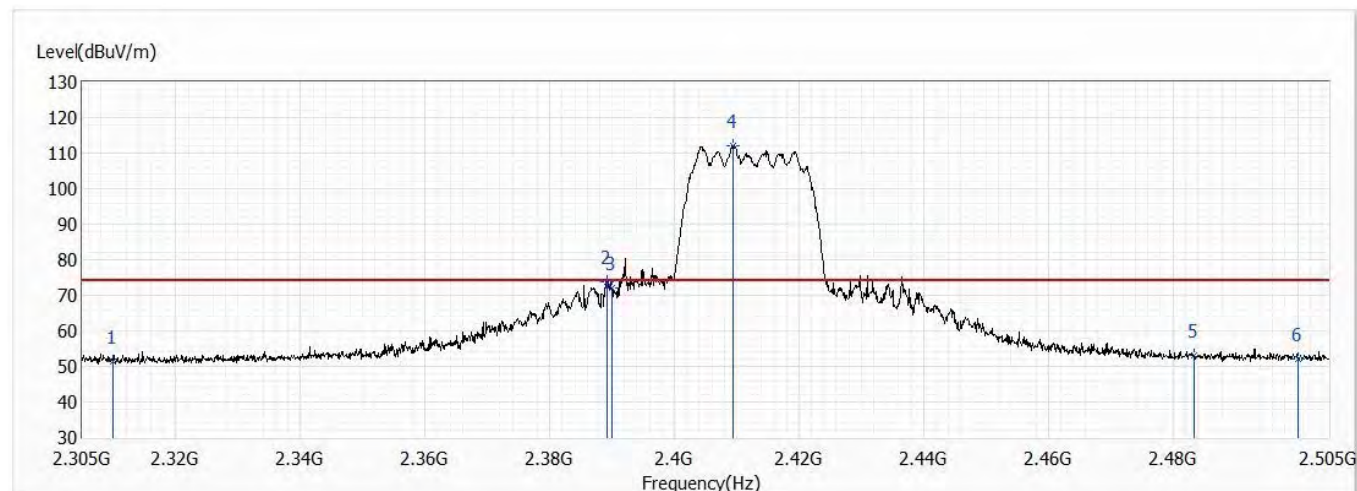


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	39.89	54.00	-14.11	27.28	12.61	AV
2	2390.000	40.42	54.00	-13.58	27.81	12.61	AV
! 3	2457.400	101.02	54.00	47.02	88.27	12.75	AV
4	2483.500	46.99	54.00	-7.01	34.22	12.77	AV
5	2484.200	46.85	54.00	-7.15	34.08	12.77	AV
6	2500.000	42.89	54.00	-11.11	30.10	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

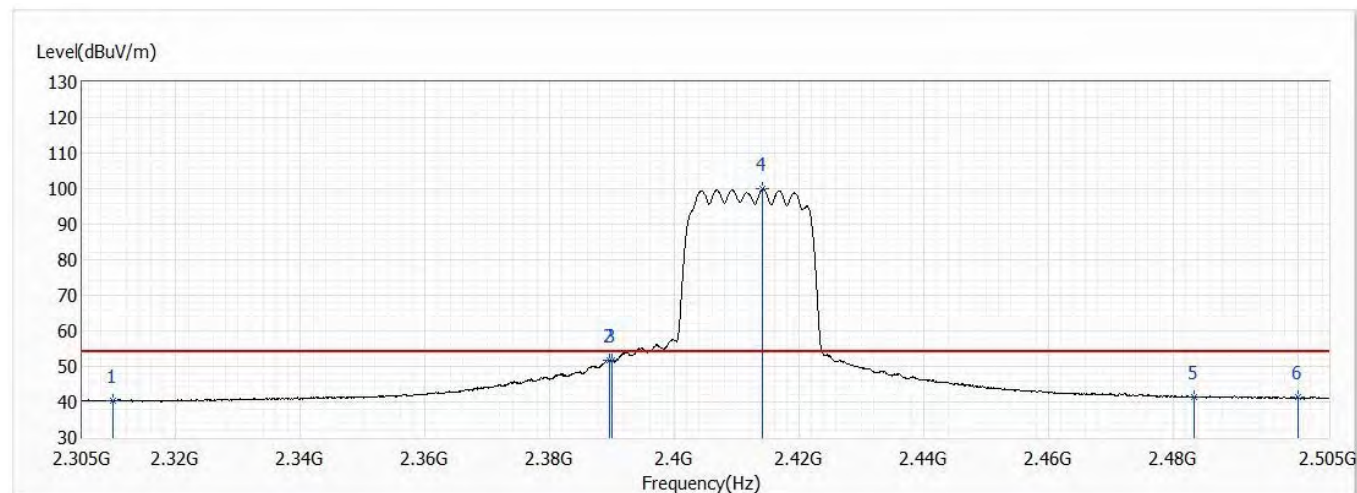


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	51.47	74.00	-22.53	38.86	12.61	PK
2	2389.200	73.84	74.00	-0.16	61.23	12.61	PK
3	2390.000	72.23	74.00	-1.77	59.62	12.61	PK
! 4	2409.400	112.15	74.00	38.15	99.54	12.61	PK
5	2483.500	53.24	74.00	-20.76	40.47	12.77	PK
6	2500.000	52.13	74.00	-21.87	39.34	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

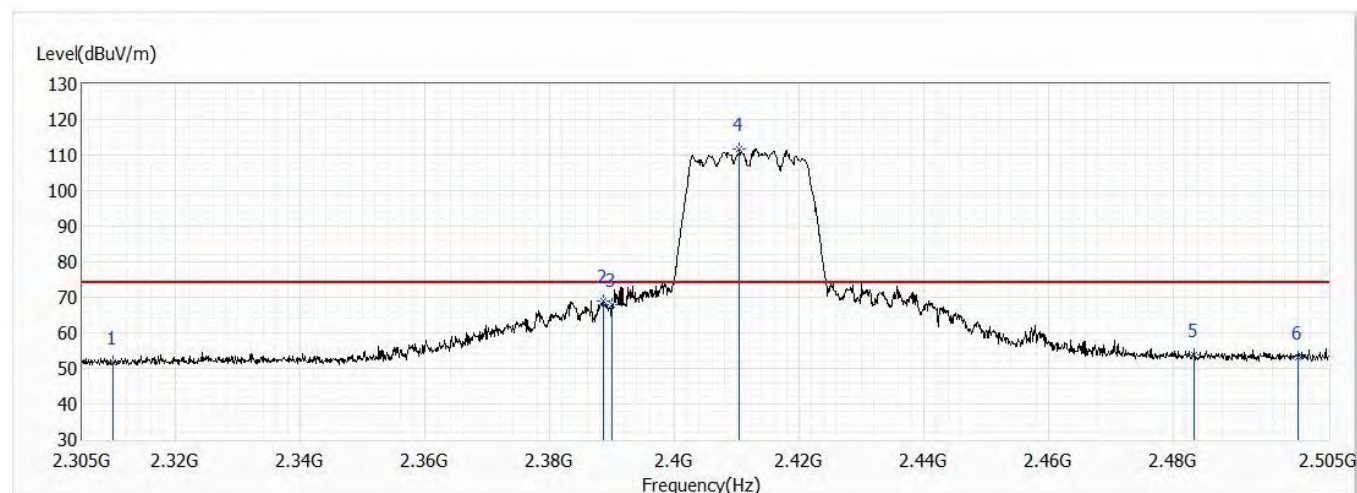


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.41	54.00	-13.59	27.80	12.61	AV
2	2389.600	51.82	54.00	-2.18	39.21	12.61	AV
3	2390.000	51.82	54.00	-2.18	39.21	12.61	AV
! 4	2414.200	99.87	54.00	45.87	87.24	12.63	AV
5	2483.500	41.47	54.00	-12.53	28.70	12.77	AV
6	2500.000	41.23	54.00	-12.77	28.44	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

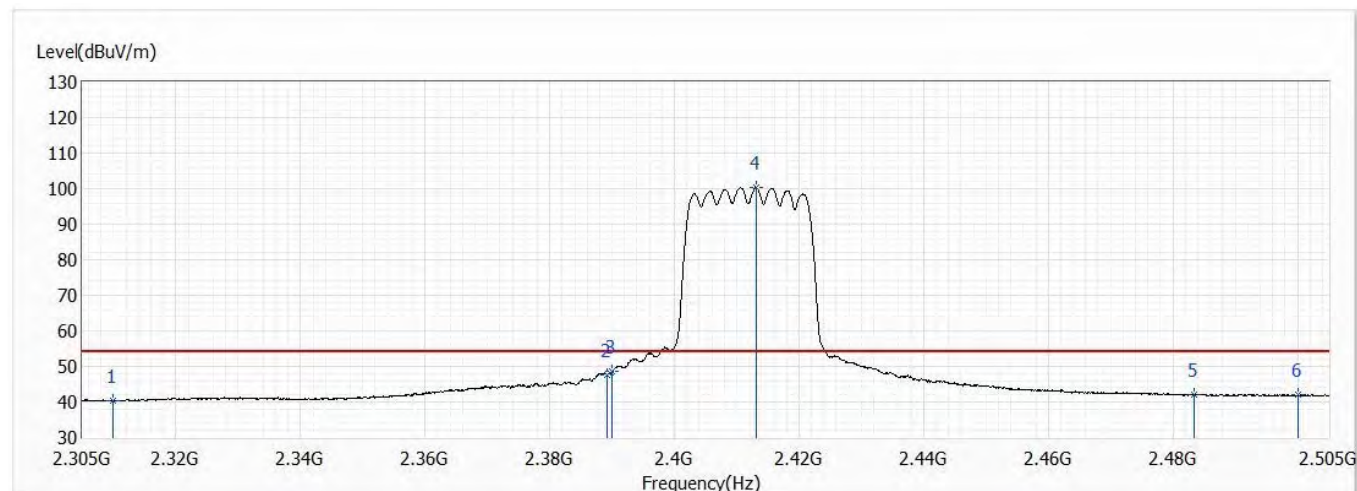


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	51.64	74.00	-22.36	39.03	12.61	PK
2	2388.600	68.85	74.00	-5.15	56.23	12.62	PK
3	2390.000	67.92	74.00	-6.08	55.31	12.61	PK
! 4	2410.400	111.65	74.00	37.65	99.03	12.62	PK
5	2483.500	53.78	74.00	-20.22	41.01	12.77	PK
6	2500.000	53.08	74.00	-20.92	40.29	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 1,2.412G,BW20M	Humidity (%RH)	58.0

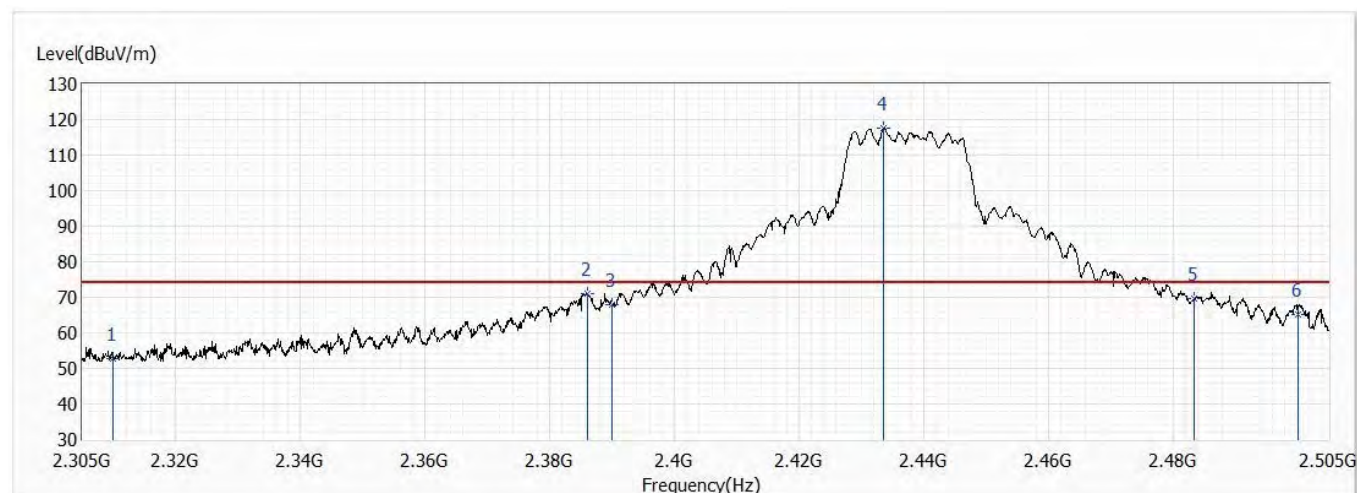


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.31	54.00	-13.69	27.70	12.61	AV
2	2389.200	47.71	54.00	-6.29	35.10	12.61	AV
3	2390.000	48.76	54.00	-5.24	36.15	12.61	AV
! 4	2413.100	100.37	54.00	46.37	87.74	12.63	AV
5	2483.500	41.97	54.00	-12.03	29.20	12.77	AV
6	2500.000	41.92	54.00	-12.08	29.13	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

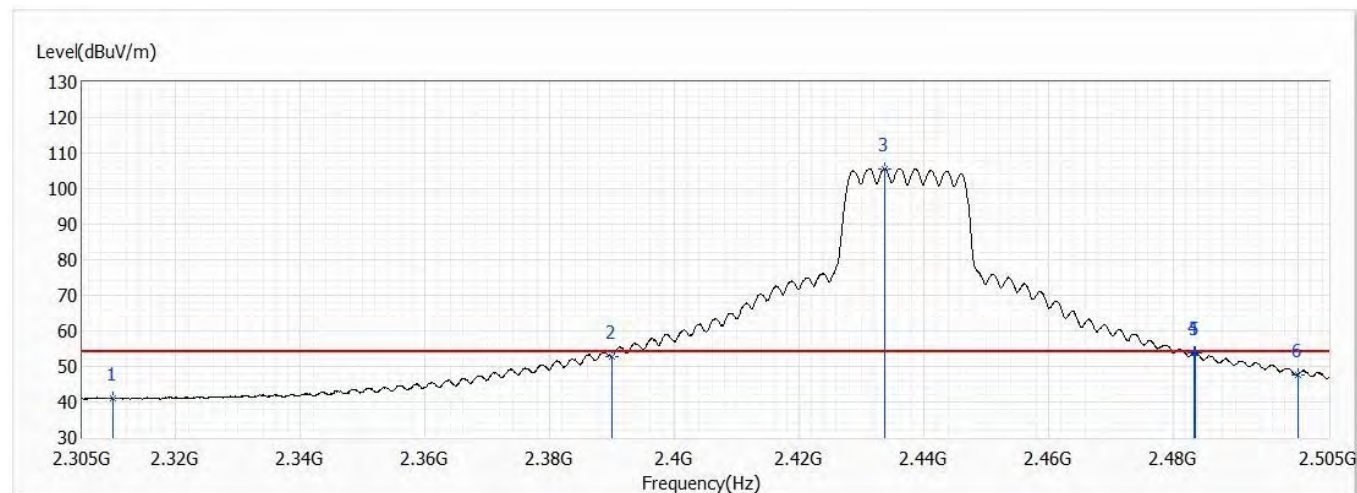


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	52.81	74.00	-21.19	40.20	12.61	PK
2	2386.000	71.19	74.00	-2.81	58.56	12.63	PK
3	2390.000	68.07	74.00	-5.93	55.46	12.61	PK
! 4	2433.600	117.59	74.00	43.59	104.90	12.69	PK
5	2483.500	69.63	74.00	-4.37	56.86	12.77	PK
6	2500.000	65.14	74.00	-8.86	52.35	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

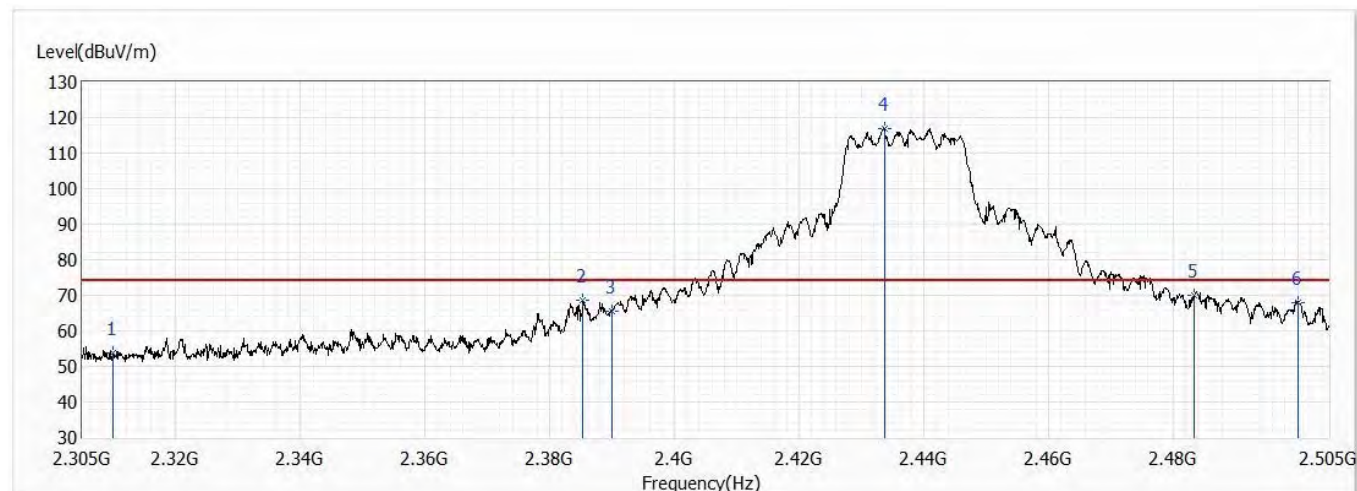


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.90	54.00	-13.10	28.29	12.61	AV
2	2390.000	52.79	54.00	-1.21	40.18	12.61	AV
! 3	2433.700	105.61	54.00	51.61	92.92	12.69	AV
4	2483.500	53.85	54.00	-0.15	41.08	12.77	AV
5	2483.600	53.86	54.00	-0.14	41.09	12.77	AV
6	2500.000	47.68	54.00	-6.32	34.89	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

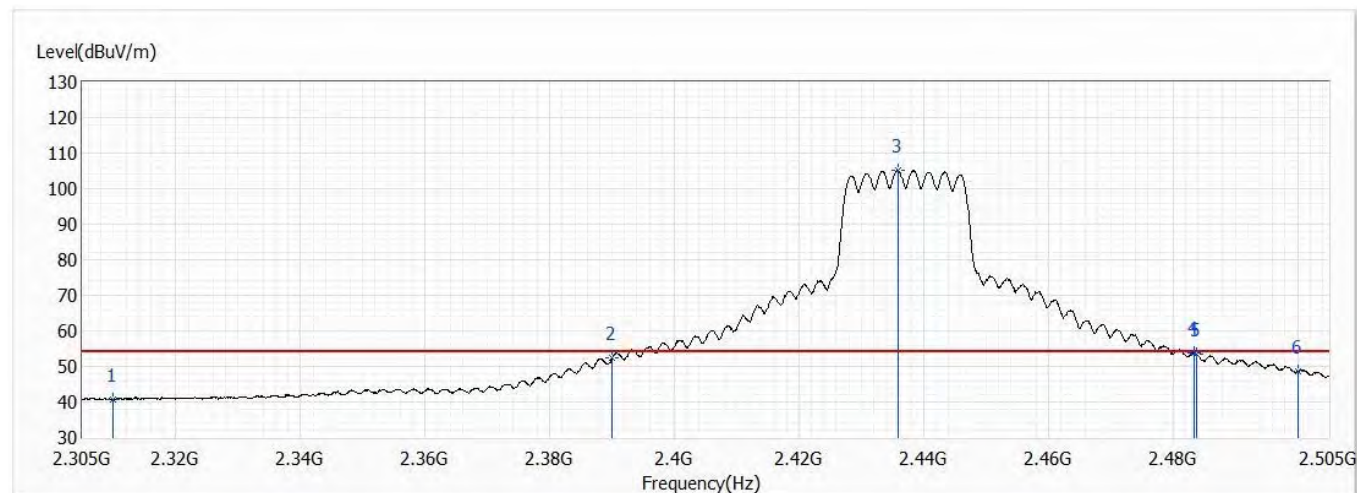


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	53.65	74.00	-20.35	41.04	12.61	PK
2	2385.300	68.50	74.00	-5.50	55.87	12.63	PK
3	2390.000	65.42	74.00	-8.58	52.81	12.61	PK
! 4	2433.700	116.77	74.00	42.77	104.08	12.69	PK
5	2483.500	70.16	74.00	-3.84	57.39	12.77	PK
6	2500.000	67.87	74.00	-6.13	55.08	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 6,2.437G,BW20M	Humidity (%RH)	58.0

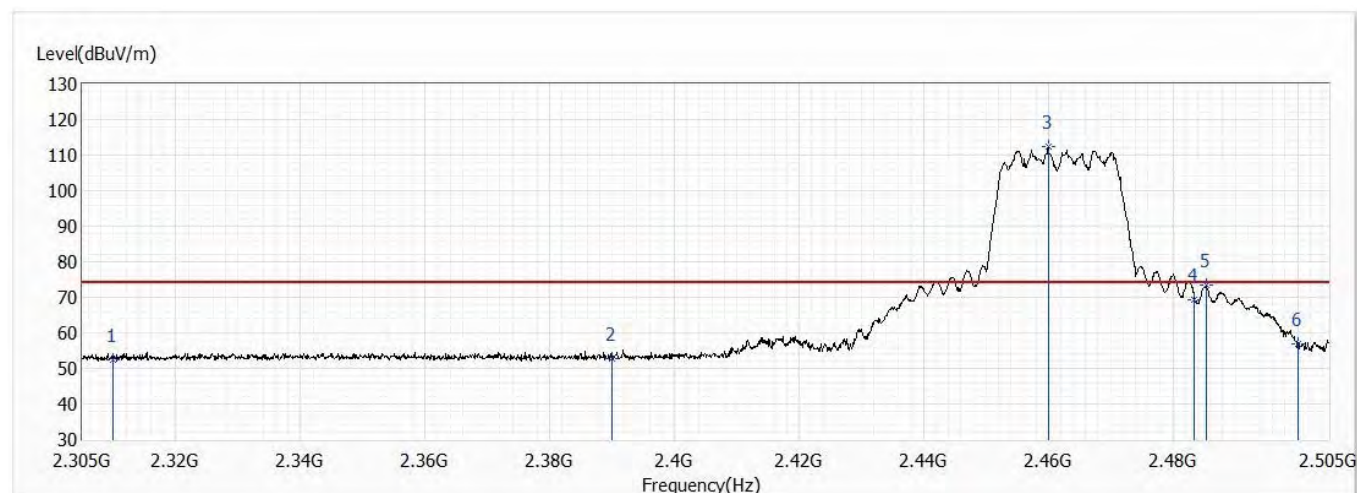


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.80	54.00	-13.20	28.19	12.61	AV
2	2390.000	52.34	54.00	-1.66	39.73	12.61	AV
! 3	2435.900	105.08	54.00	51.08	92.38	12.70	AV
4	2483.500	53.81	54.00	-0.19	41.04	12.77	AV
5	2483.800	53.31	54.00	-0.69	40.54	12.77	AV
6	2500.000	48.57	54.00	-5.43	35.78	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 11,2.462G,BW20M	Humidity (%RH)	58.0

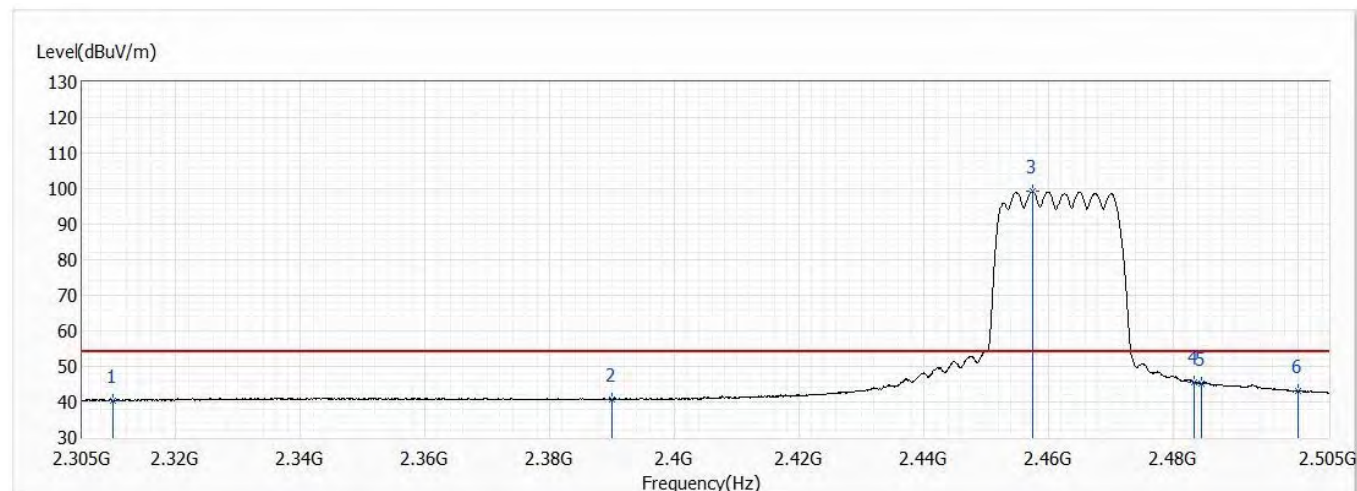


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	52.53	74.00	-21.47	39.92	12.61	PK
2	2390.000	52.83	74.00	-21.17	40.22	12.61	PK
! 3	2460.000	112.47	74.00	38.47	99.73	12.74	PK
4	2483.500	69.44	74.00	-4.56	56.67	12.77	PK
5	2485.300	73.42	74.00	-0.58	60.65	12.77	PK
6	2500.000	57.01	74.00	-16.99	44.22	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 11,2.462G,BW20M	Humidity (%RH)	58.0

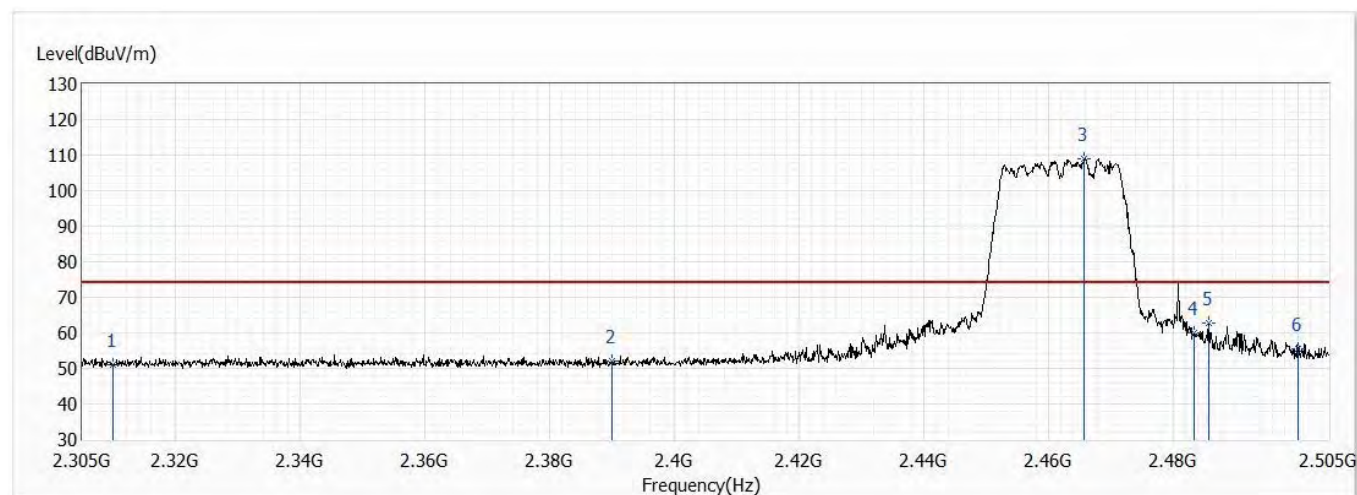


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.40	54.00	-13.60	27.79	12.61	AV
2	2390.000	40.73	54.00	-13.27	28.12	12.61	AV
! 3	2457.500	99.15	54.00	45.15	86.41	12.74	AV
4	2483.500	45.50	54.00	-8.50	32.73	12.77	AV
5	2484.600	45.23	54.00	-8.77	32.46	12.77	AV
6	2500.000	42.97	54.00	-11.03	30.18	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 11,2.462G,BW20M	Humidity (%RH)	58.0

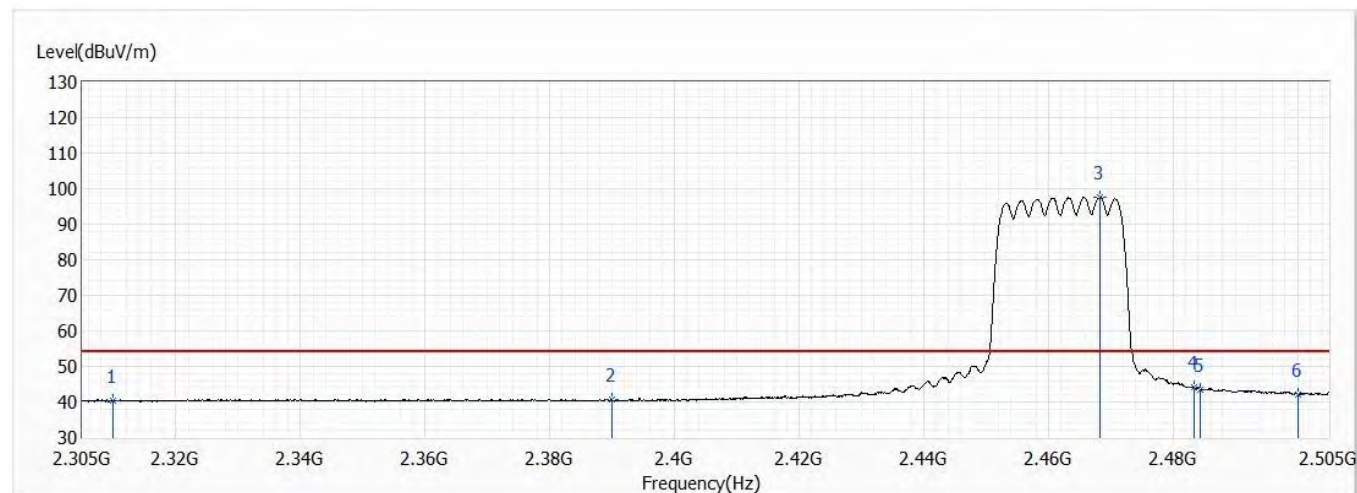


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	51.03	74.00	-22.97	38.42	12.61	PK
2	2390.000	51.92	74.00	-22.08	39.31	12.61	PK
! 3	2465.800	108.87	74.00	34.87	96.11	12.76	PK
4	2483.500	59.99	74.00	-14.01	47.22	12.77	PK
5	2485.700	62.60	74.00	-11.40	49.83	12.77	PK
6	2500.000	55.43	74.00	-18.57	42.64	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 11,2.462G,BW20M	Humidity (%RH)	58.0

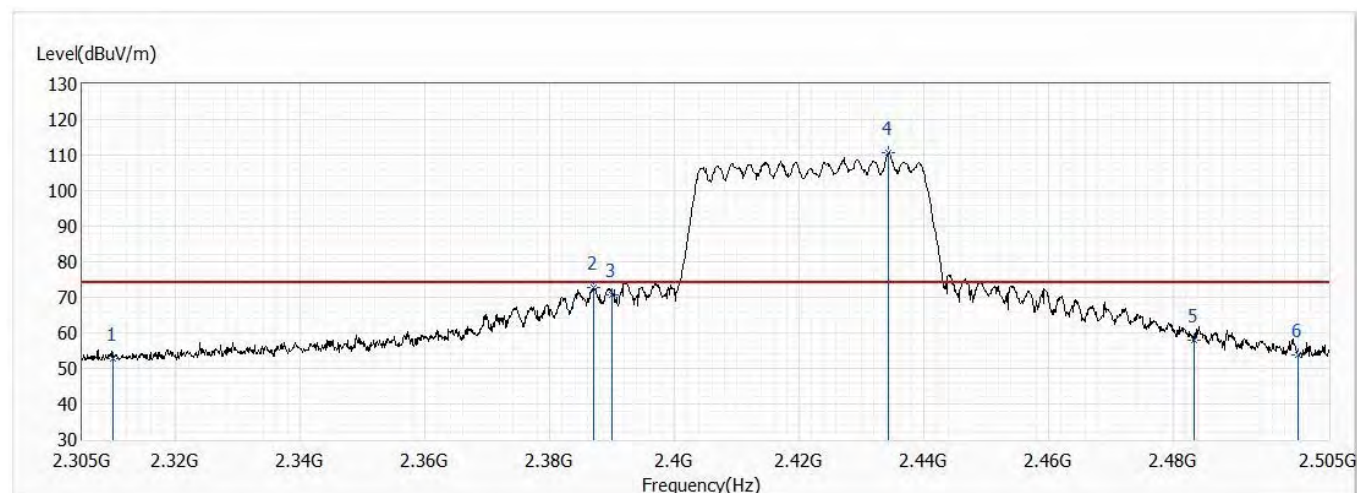


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.25	54.00	-13.75	27.64	12.61	AV
2	2390.000	40.54	54.00	-13.46	27.93	12.61	AV
! 3	2468.300	97.66	54.00	43.66	84.91	12.75	AV
4	2483.500	44.22	54.00	-9.78	31.45	12.77	AV
5	2484.300	43.48	54.00	-10.52	30.71	12.77	AV
6	2500.000	42.18	54.00	-11.82	29.39	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 3,2.422G,BW40M	Humidity (%RH)	58.0

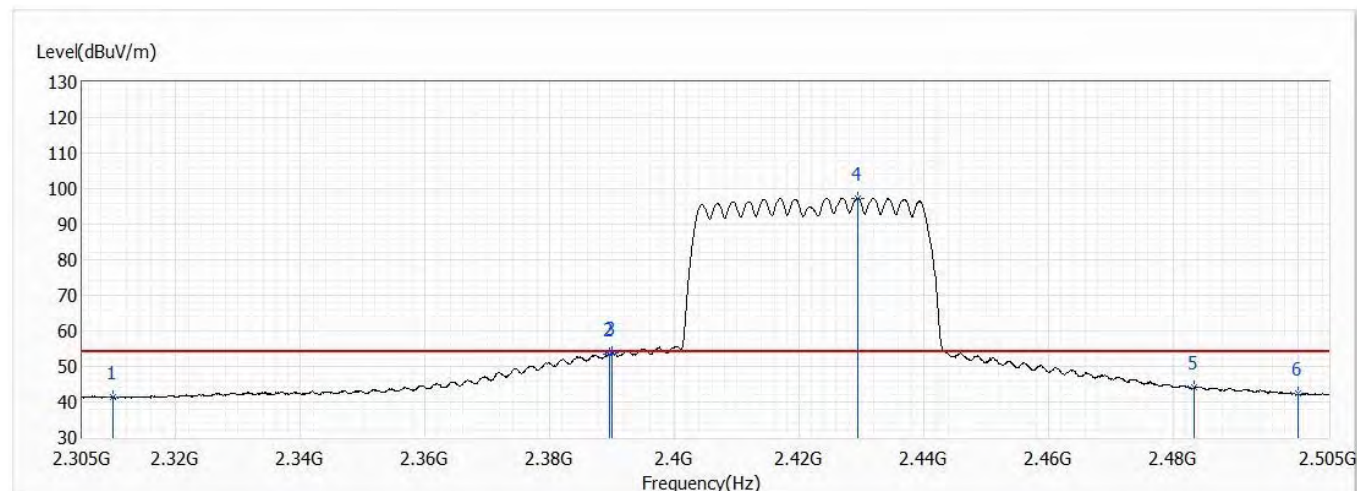


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	52.86	74.00	-21.14	40.25	12.61	PK
2	2387.100	72.75	74.00	-1.25	60.12	12.63	PK
3	2390.000	70.74	74.00	-3.26	58.13	12.61	PK
! 4	2434.400	110.69	74.00	36.69	98.00	12.69	PK
5	2483.500	57.95	74.00	-16.05	45.18	12.77	PK
6	2500.000	53.76	74.00	-20.24	40.97	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 3,2.422G,BW40M	Humidity (%RH)	58.0

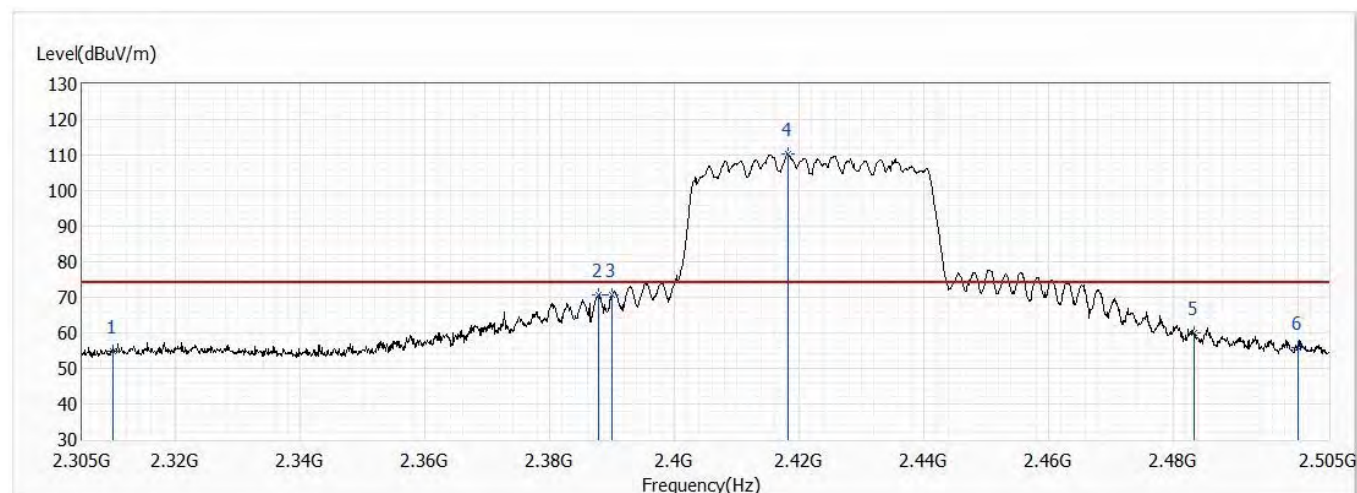


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	41.32	54.00	-12.68	28.71	12.61	AV
2	2389.600	53.60	54.00	-0.40	40.99	12.61	AV
3	2390.000	53.68	54.00	-0.32	41.07	12.61	AV
! 4	2429.400	97.38	54.00	43.38	84.70	12.68	AV
5	2483.500	44.01	54.00	-9.99	31.24	12.77	AV
6	2500.000	42.28	54.00	-11.72	29.49	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 3,2.422G,BW40M	Humidity (%RH)	58.0

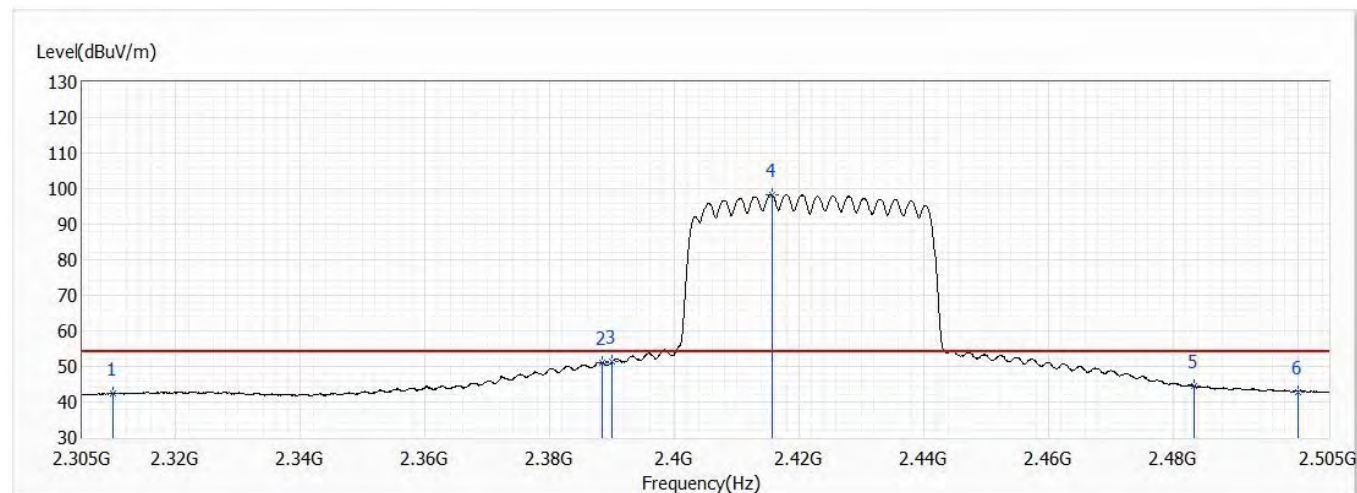


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	55.00	74.00	-19.00	42.39	12.61	PK
2	2387.800	70.52	74.00	-3.48	57.90	12.62	PK
3	2390.000	70.54	74.00	-3.46	57.93	12.61	PK
! 4	2418.200	110.26	74.00	36.26	97.61	12.65	PK
5	2483.500	59.85	74.00	-14.15	47.08	12.77	PK
6	2500.000	56.03	74.00	-17.97	43.24	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 3,2.422G,BW40M	Humidity (%RH)	58.0

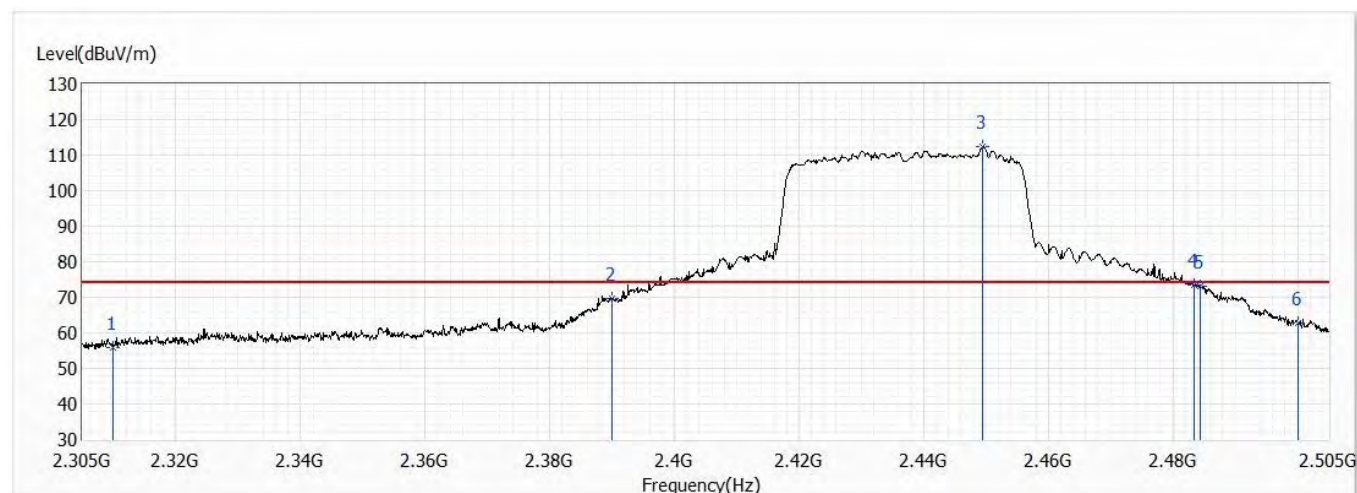


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	42.48	54.00	-11.52	29.87	12.61	AV
2	2388.400	51.15	54.00	-2.85	38.53	12.62	AV
3	2390.000	51.36	54.00	-2.64	38.75	12.61	AV
! 4	2415.600	98.43	54.00	44.43	85.80	12.63	AV
5	2483.500	44.46	54.00	-9.54	31.69	12.77	AV
6	2500.000	42.92	54.00	-11.08	30.13	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 6,2.437G,BW40M	Humidity (%RH)	58.0

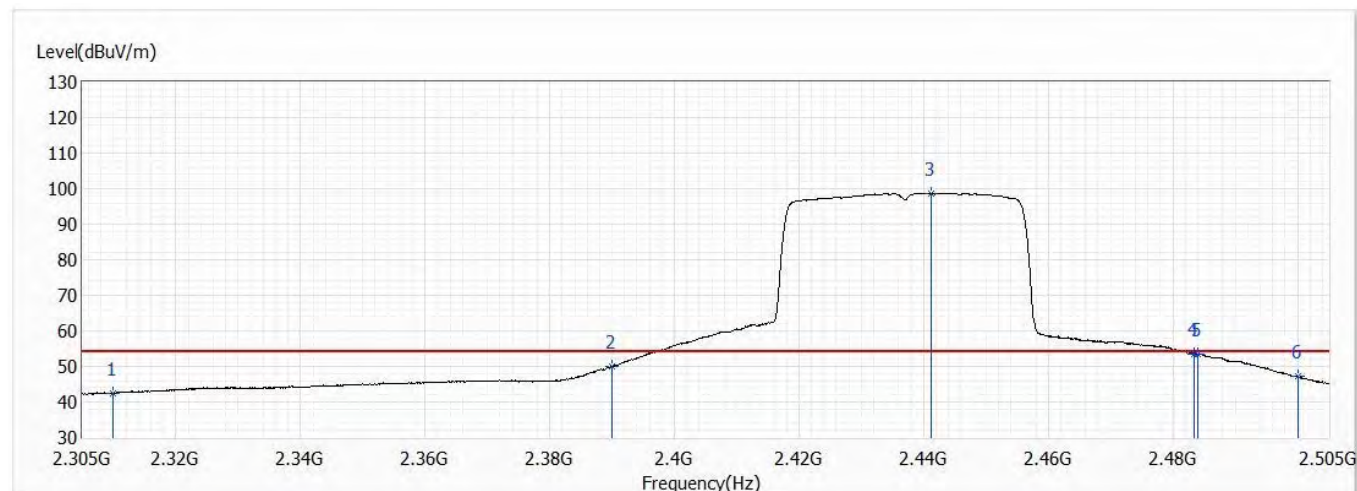


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	56.02	74.00	-17.98	43.41	12.61	PK
2	2390.000	69.58	74.00	-4.42	56.97	12.61	PK
! 3	2449.500	112.33	74.00	38.33	99.59	12.74	PK
4	2483.500	73.51	74.00	-0.49	60.74	12.77	PK
5	2484.400	73.09	74.00	-0.91	60.32	12.77	PK
6	2500.000	62.87	74.00	-11.13	50.08	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 6,2.437G,BW40M	Humidity (%RH)	58.0

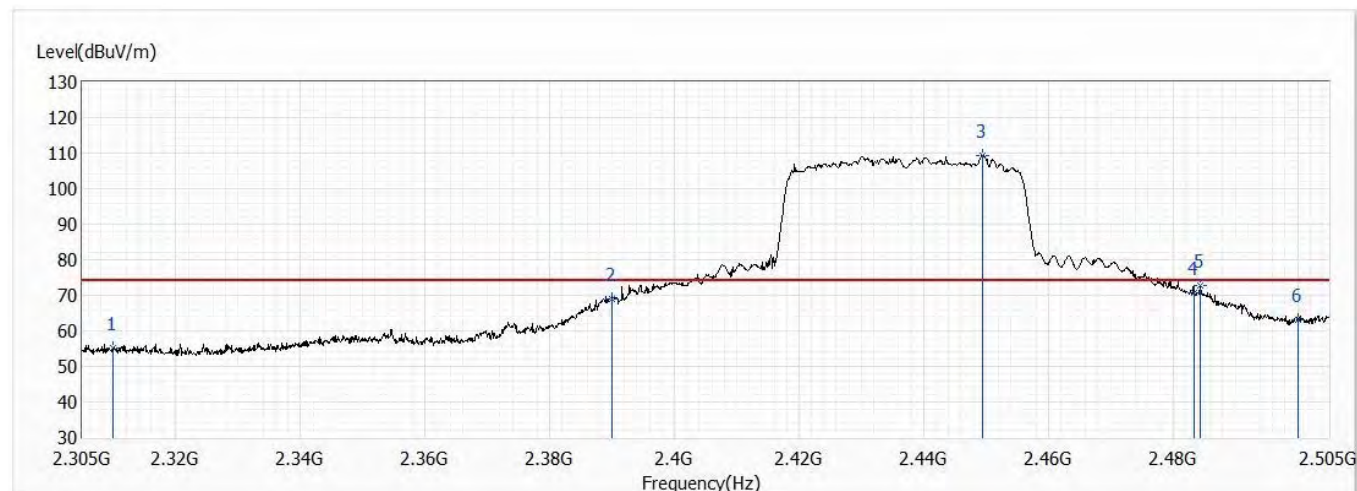


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	42.53	54.00	-11.47	29.92	12.61	AV
2	2390.000	50.03	54.00	-3.97	37.42	12.61	AV
! 3	2441.300	98.73	54.00	44.73	86.02	12.71	AV
4	2483.500	53.59	54.00	-0.41	40.82	12.77	AV
5	2484.000	53.35	54.00	-0.65	40.58	12.77	AV
6	2500.000	47.12	54.00	-6.88	34.33	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 6,2.437G,BW40M	Humidity (%RH)	58.0

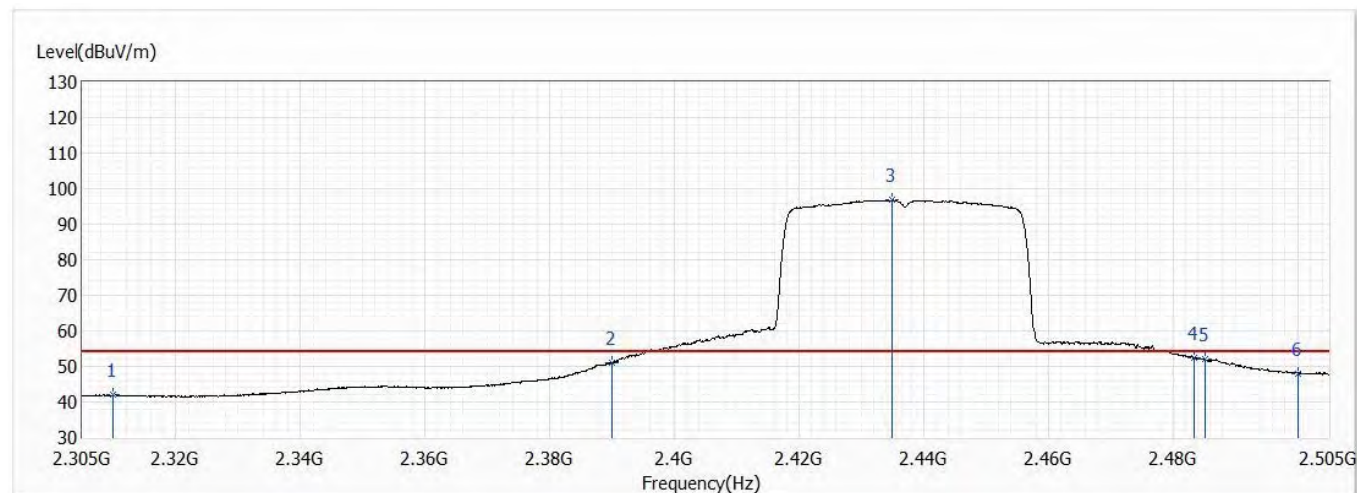


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	55.09	74.00	-18.91	42.48	12.61	PK
2	2390.000	69.01	74.00	-4.99	56.40	12.61	PK
! 3	2449.500	109.34	74.00	35.34	96.60	12.74	PK
4	2483.500	70.57	74.00	-3.43	57.80	12.77	PK
5	2484.400	72.79	74.00	-1.21	60.02	12.77	PK
6	2500.000	63.02	74.00	-10.98	50.23	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 6,2.437G,BW40M	Humidity (%RH)	58.0

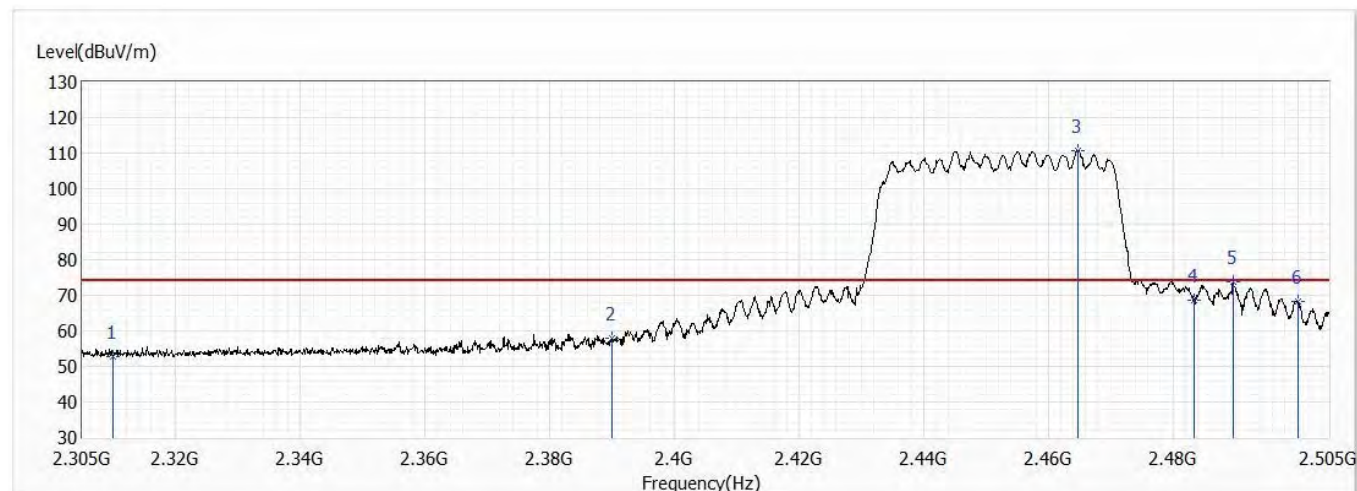


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	41.94	54.00	-12.06	29.33	12.61	AV
2	2390.000	51.16	54.00	-2.84	38.55	12.61	AV
! 3	2435.000	96.78	54.00	42.78	84.09	12.69	AV
4	2483.500	52.46	54.00	-1.54	39.69	12.77	AV
5	2485.100	52.05	54.00	-1.95	39.28	12.77	AV
6	2500.000	48.07	54.00	-5.93	35.28	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 9,2.452G,BW40M	Humidity (%RH)	58.0

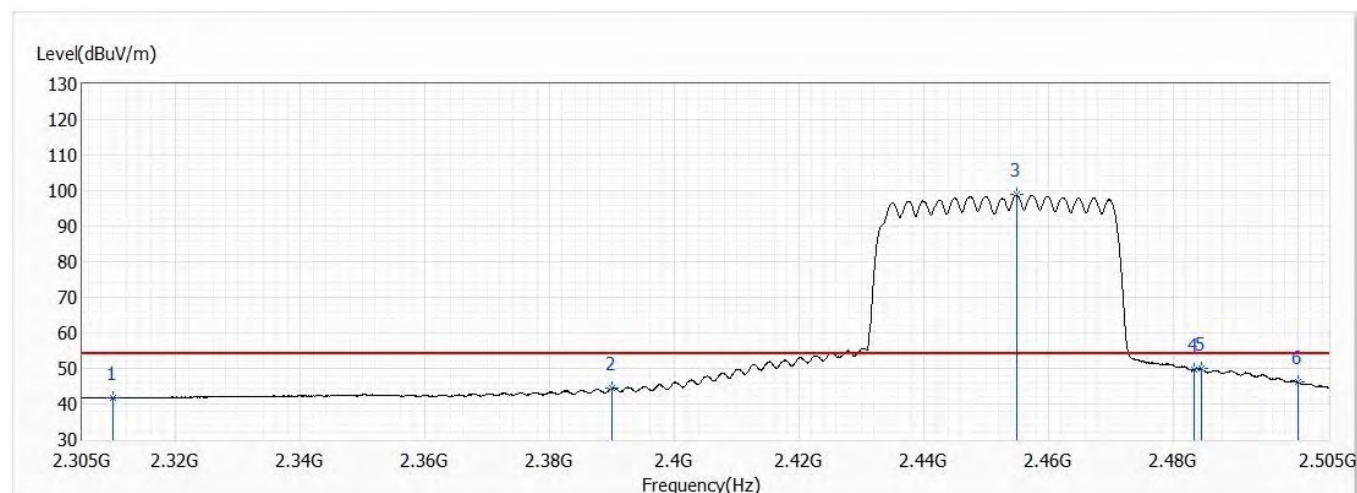


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	52.61	74.00	-21.39	40.00	12.61	PK
2	2390.000	57.77	74.00	-16.23	45.16	12.61	PK
! 3	2464.700	110.75	74.00	36.75	98.00	12.75	PK
4	2483.500	68.78	74.00	-5.22	56.01	12.77	PK
5	2489.600	73.68	74.00	-0.32	60.90	12.78	PK
6	2500.000	68.12	74.00	-5.88	55.33	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 9,2.452G,BW40M	Humidity (%RH)	58.0

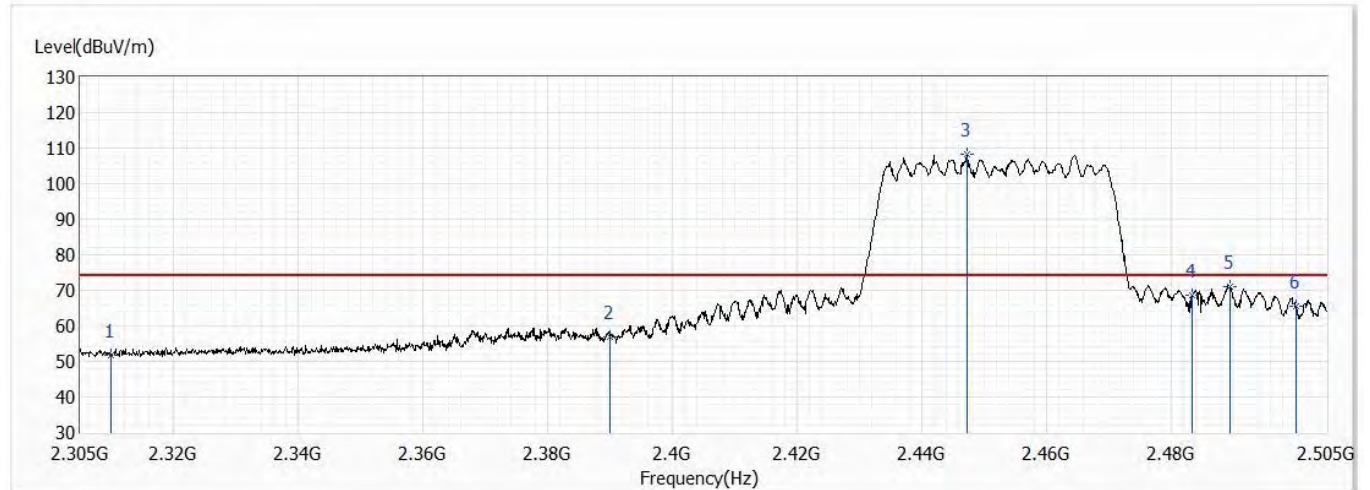


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	41.64	54.00	-12.36	29.03	12.61	AV
2	2390.000	44.32	54.00	-9.68	31.71	12.61	AV
! 3	2454.900	98.80	54.00	44.80	86.05	12.75	AV
4	2483.500	49.73	54.00	-4.27	36.96	12.77	AV
5	2484.500	49.96	54.00	-4.04	37.19	12.77	AV
6	2500.000	46.07	54.00	-7.93	33.28	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 9,2.452G,BW40M	Humidity (%RH)	58.0

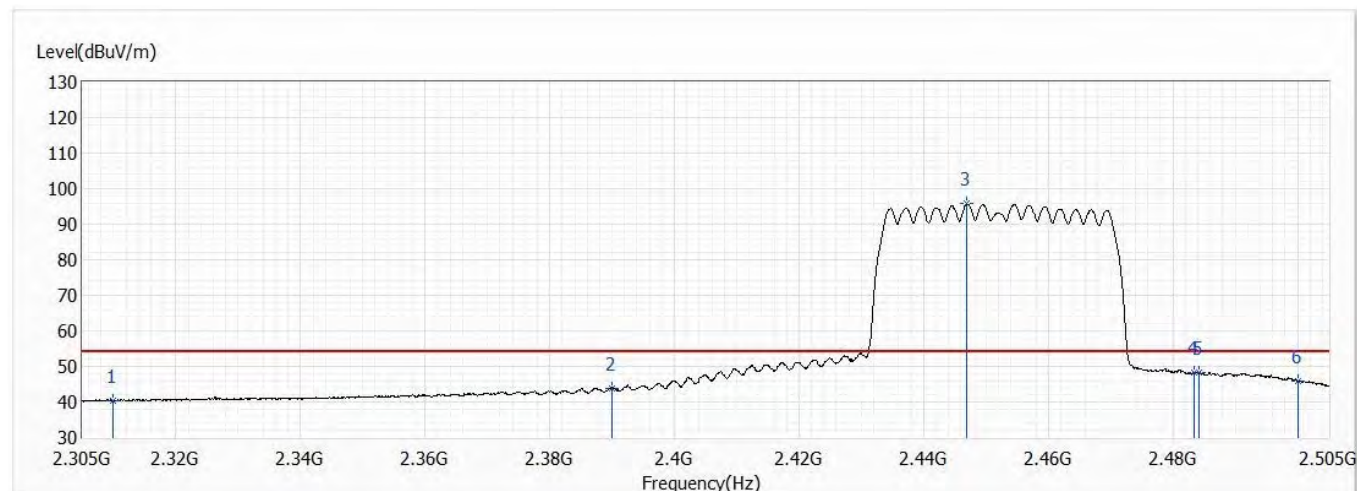


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	51.84	74.00	-22.16	39.23	12.61	PK
2	2390.000	56.91	74.00	-17.09	44.30	12.61	PK
! 3	2447.200	108.37	74.00	34.37	95.64	12.73	PK
4	2483.500	68.70	74.00	-5.30	55.93	12.77	PK
5	2489.500	71.19	74.00	-2.81	58.41	12.78	PK
6	2500.000	65.60	74.00	-8.40	52.81	12.79	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.

Model No	EBM522U	Site	CB4-H
Test Voltage	AC 120/60Hz	Test Date	2021/5/6
Test Mode	Mode 1: Transmit_Non-BF_EBM522U	Engineer	Scott Chang
Polarity	Vertical	Temperature (°C)	25.2
Test Condition	802.11ax,Ant0+1,Ch 9,2.452G,BW40M	Humidity (%RH)	58.0



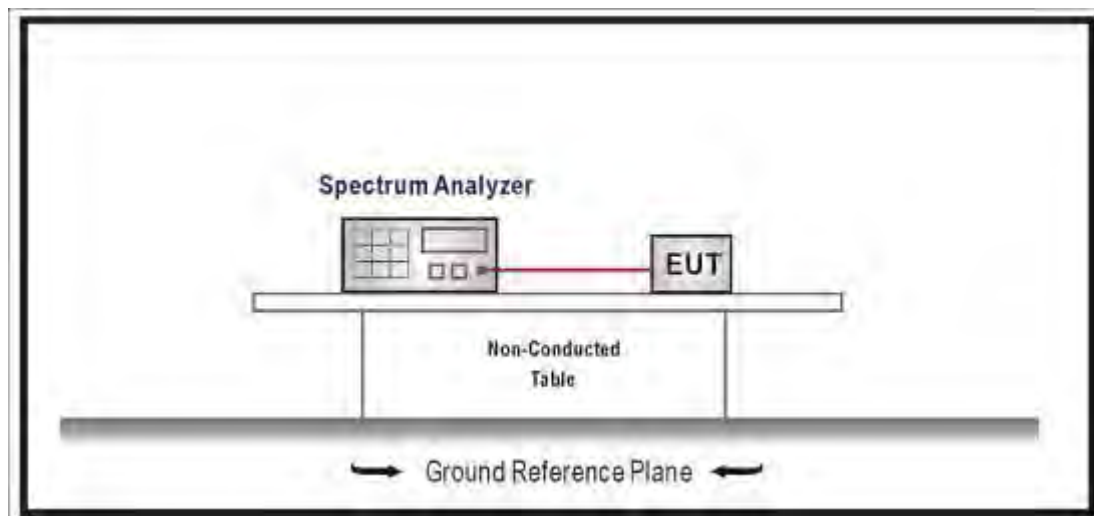
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2310.000	40.42	54.00	-13.58	27.81	12.61	AV
2	2390.000	43.94	54.00	-10.06	31.33	12.61	AV
! 3	2446.900	95.69	54.00	41.69	82.96	12.73	AV
4	2483.500	48.24	54.00	-5.76	35.47	12.77	AV
5	2484.100	48.11	54.00	-5.89	35.34	12.77	AV
6	2500.000	45.84	54.00	-8.16	33.05	12.79	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. 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 KDB 558074 D01 v05r02 for compliance to FCC 47CFR 15.247 requirements. Set RBW = 100KHz, Set the VBW $\geq 3 \times$ RBW, 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: 2019

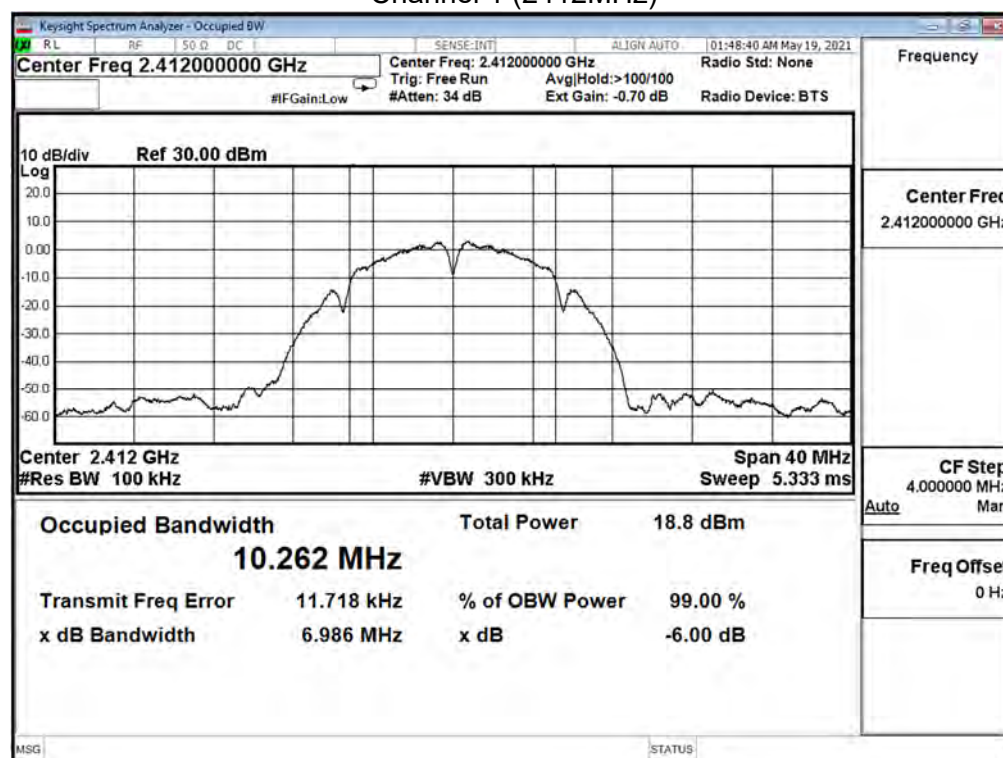
7.5. Test Result

Product	Mesh Wi-Fi Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit_Non-BF_EBM522U		
Date of Test	2021/05/19	Test Site	SR12-H
Temperature (°C)	24	Humidity (%RH)	67

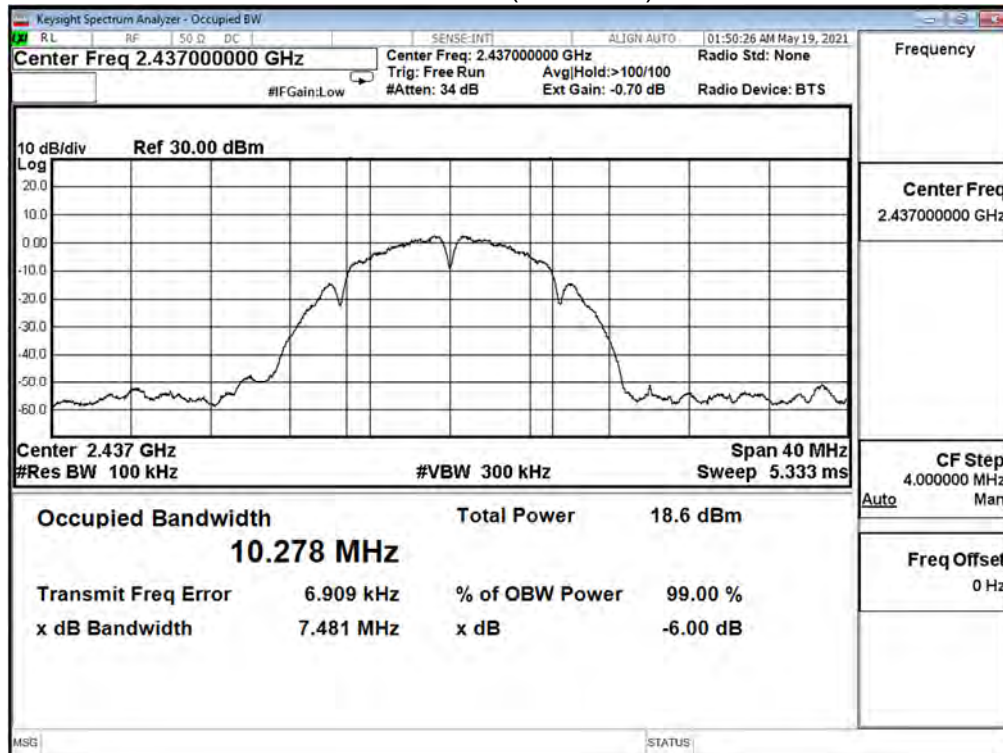
802.11b (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	6.986	≥ 0.5	Pass
6	2437	7.481	≥ 0.5	Pass
11	2462	7.343	≥ 0.5	Pass

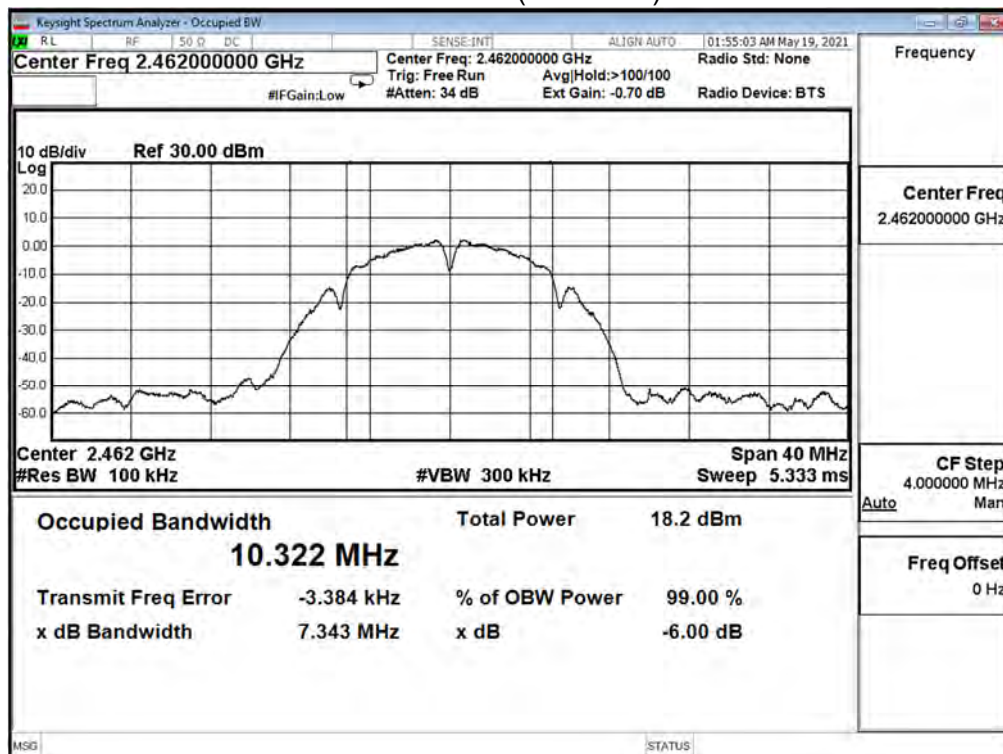
Channel 1 (2412MHz)



Channel 6 (2437MHz)



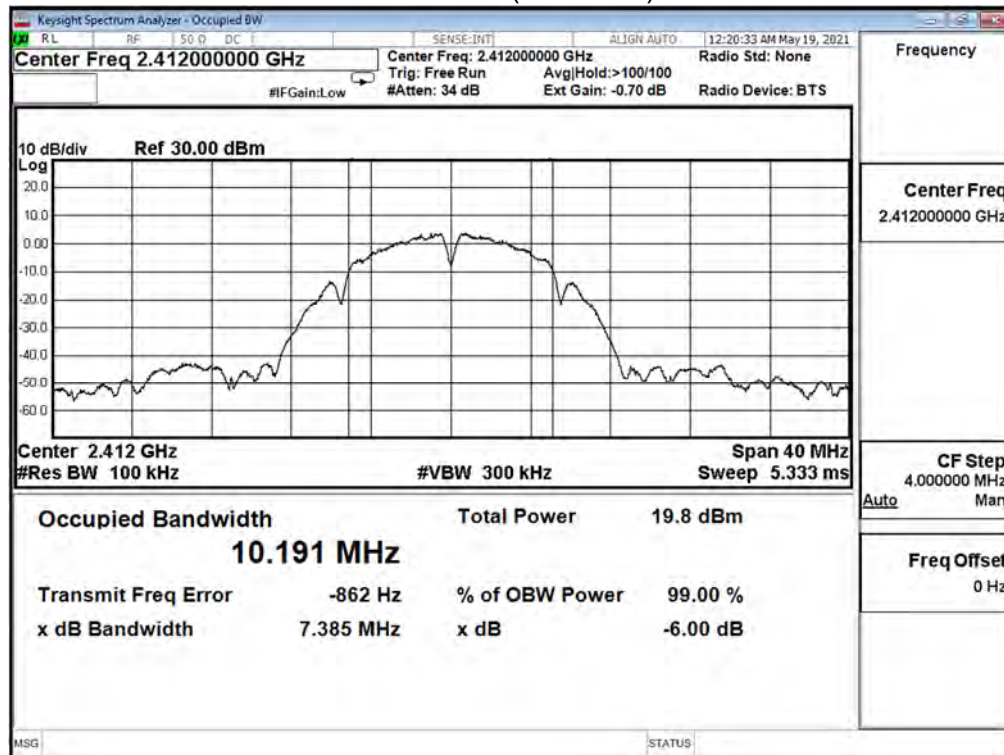
Channel 11 (2462MHz)



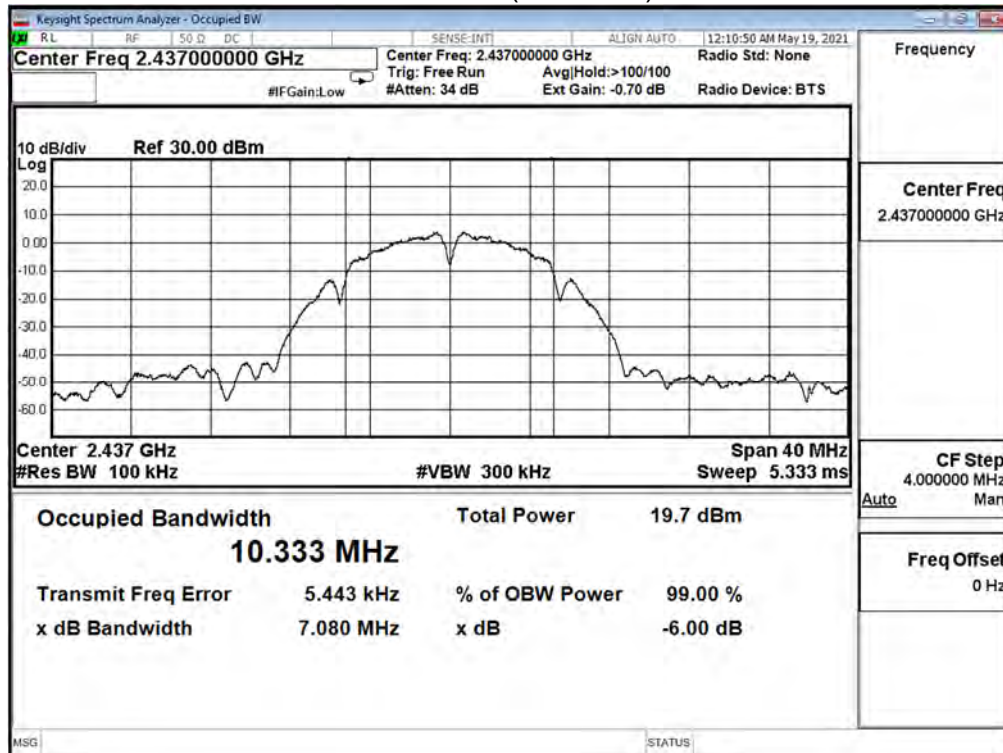
Product	Mesh Wi-Fi Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit_Non-BF_EBM522U		
Date of Test	2021/05/19	Test Site	SR12-H
Temperature (°C)	24	Humidity (%RH)	67

802.11b (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	7.385	≥ 0.5	Pass
6	2437	7.080	≥ 0.5	Pass
11	2462	6.986	≥ 0.5	Pass

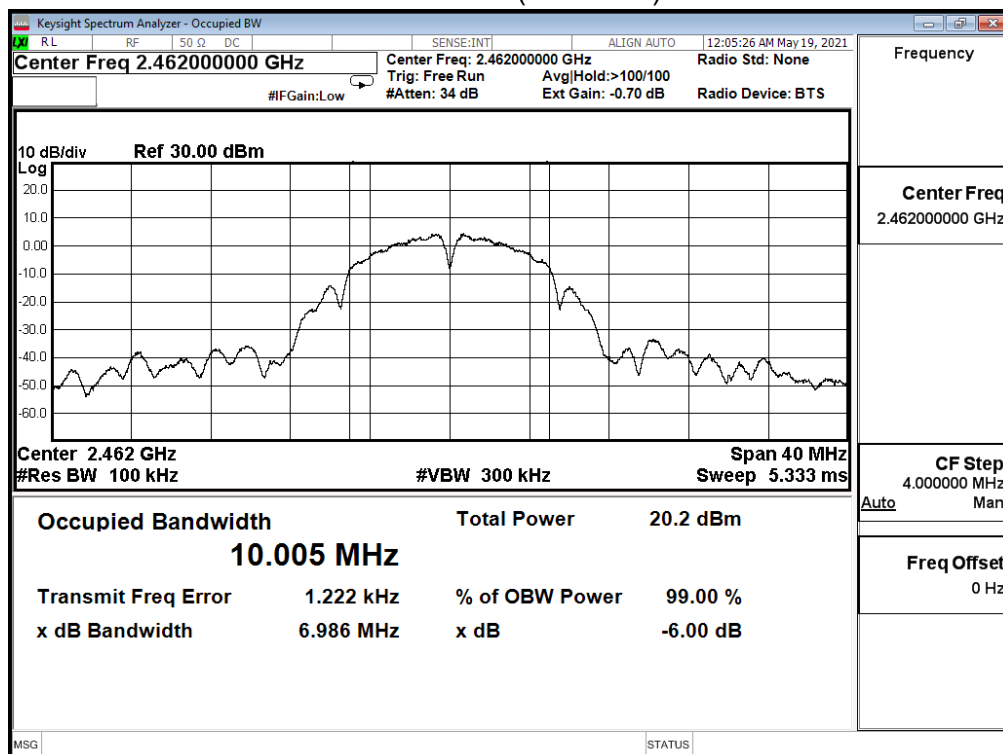
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

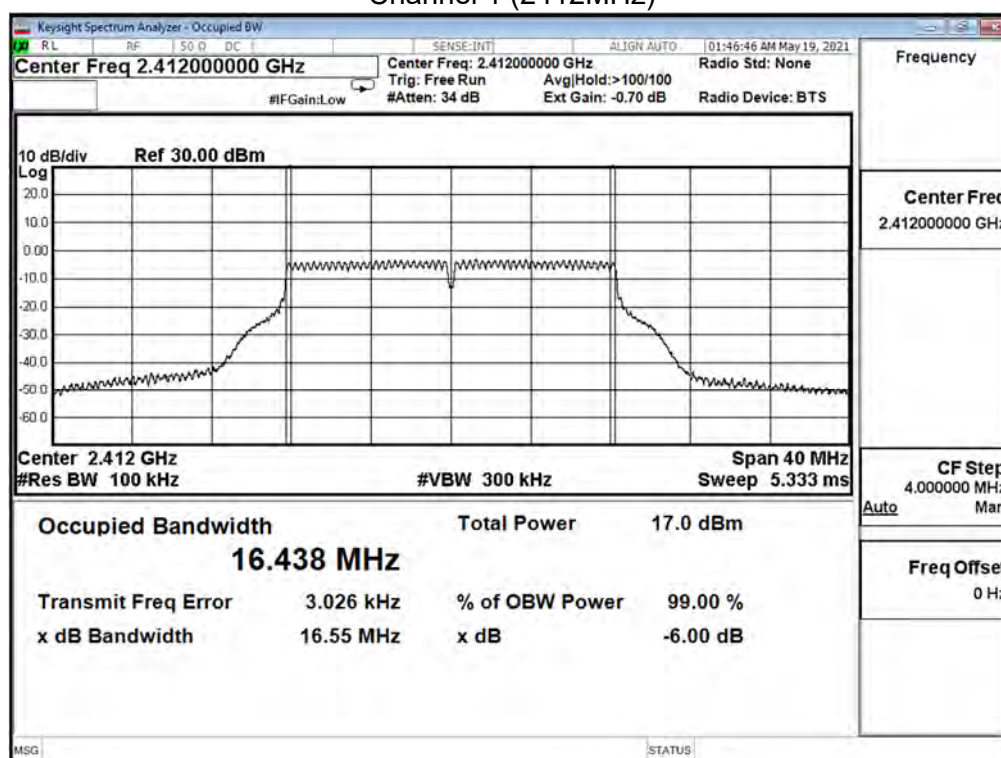


Product	Mesh Wi-Fi Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit_Non-BF_EBM522U		
Date of Test	2021/05/19	Test Site	SR12-H
Temperature (°C)	24	Humidity (%RH)	67

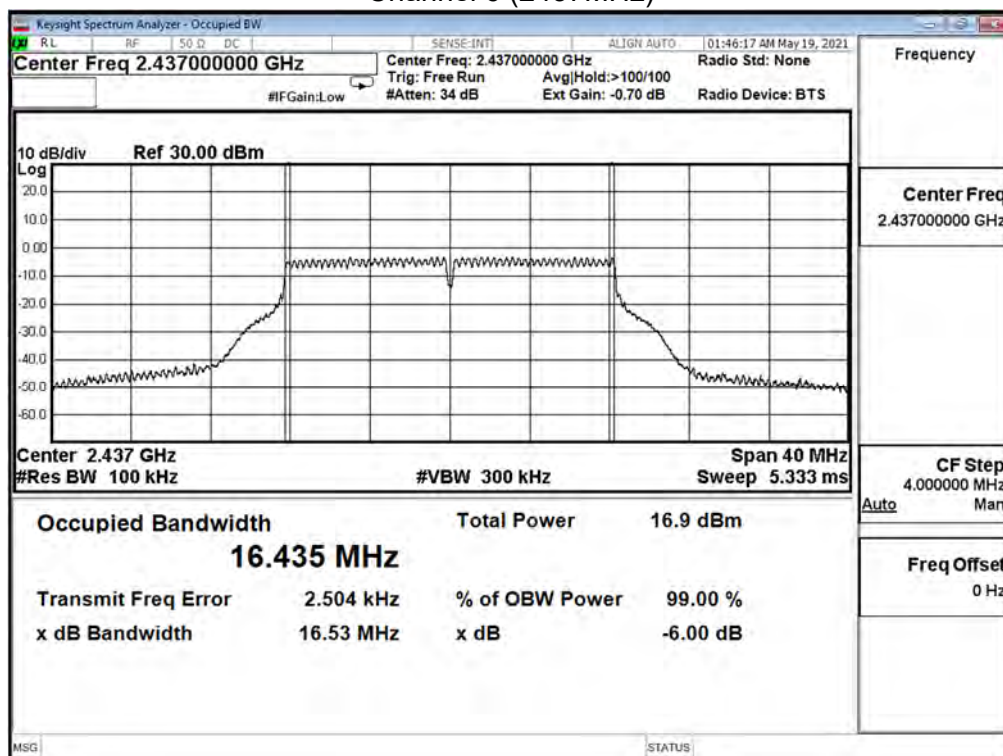
802.11g (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	16.550	≥ 0.5	Pass
6	2437	16.530	≥ 0.5	Pass
11	2462	16.540	≥ 0.5	Pass

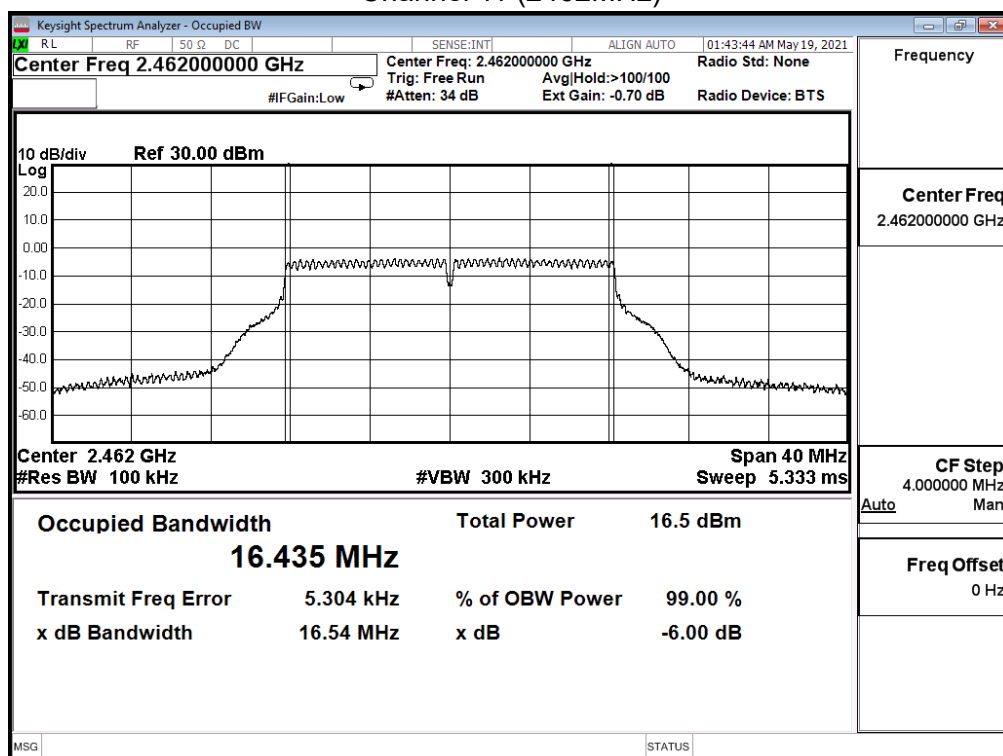
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

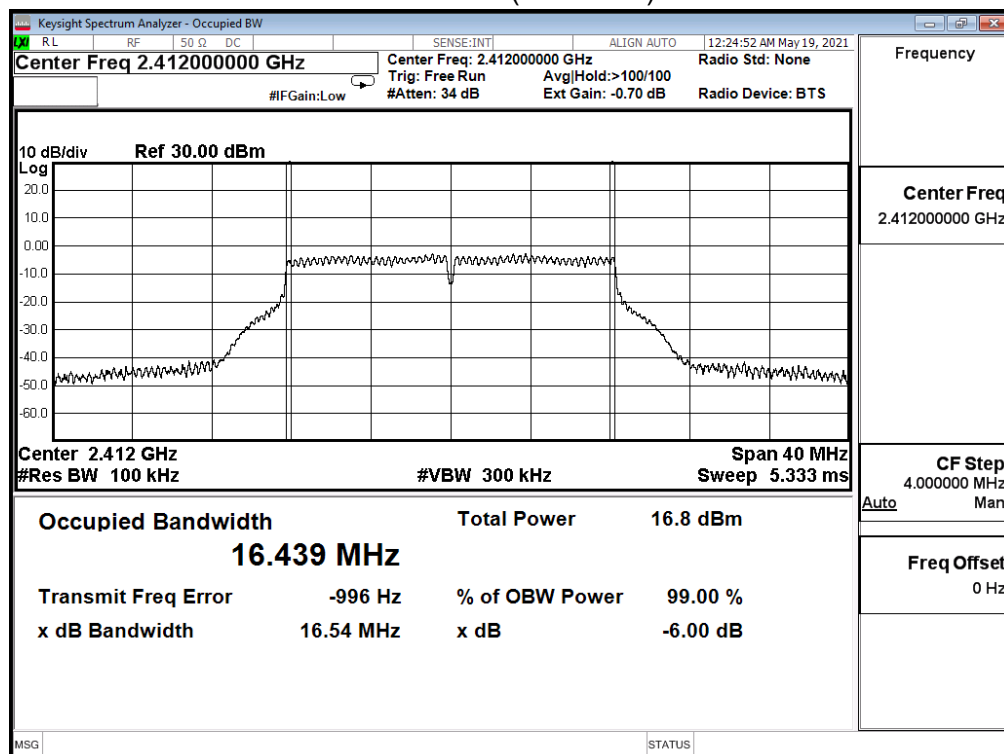


Product	Mesh Wi-Fi Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit_Non-BF_EBM522U		
Date of Test	2021/05/19	Test Site	SR12-H
Temperature (°C)	24	Humidity (%RH)	67

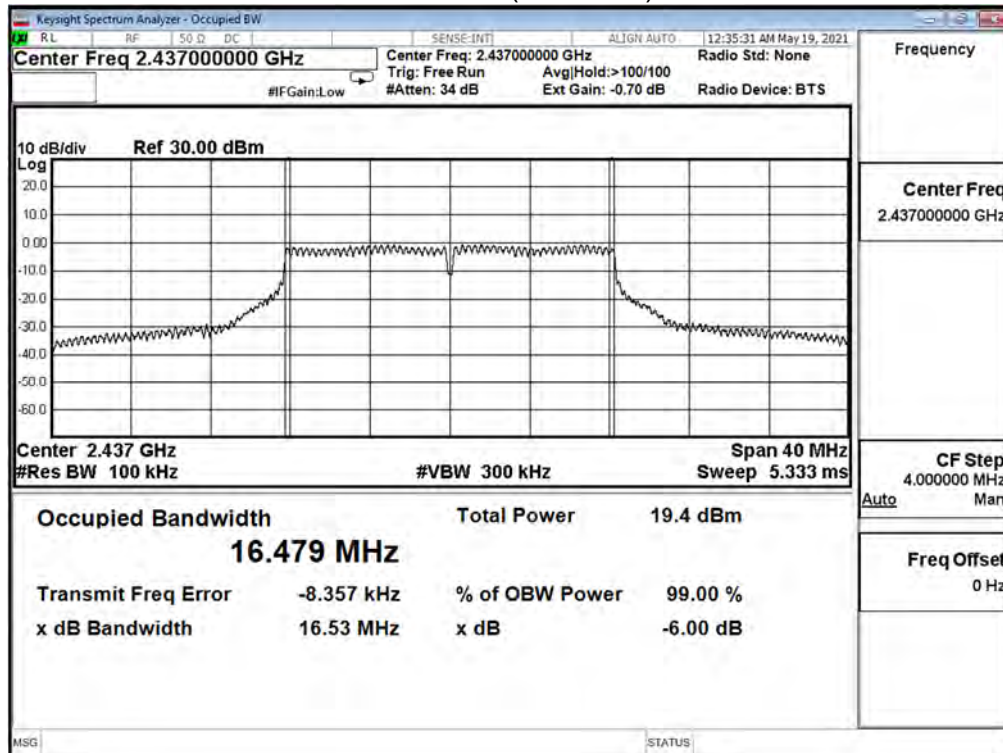
802.11g (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	16.540	≥ 0.5	Pass
6	2437	16.530	≥ 0.5	Pass
11	2462	16.550	≥ 0.5	Pass

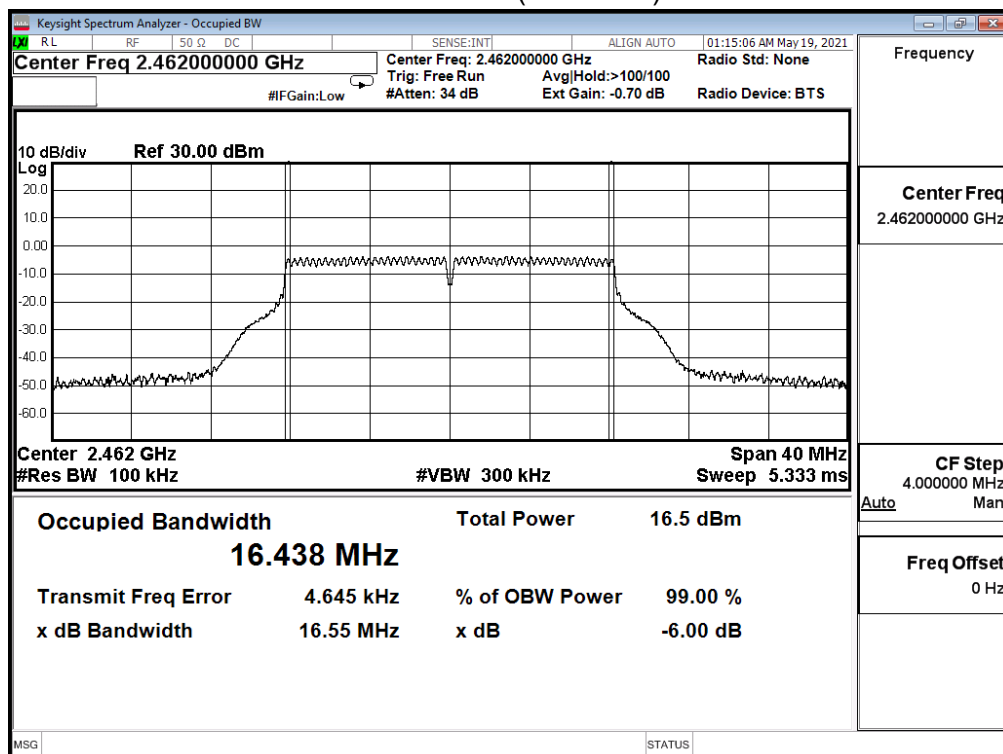
Channel 1 (2412MHz)



Channel 6 (2437MHz)



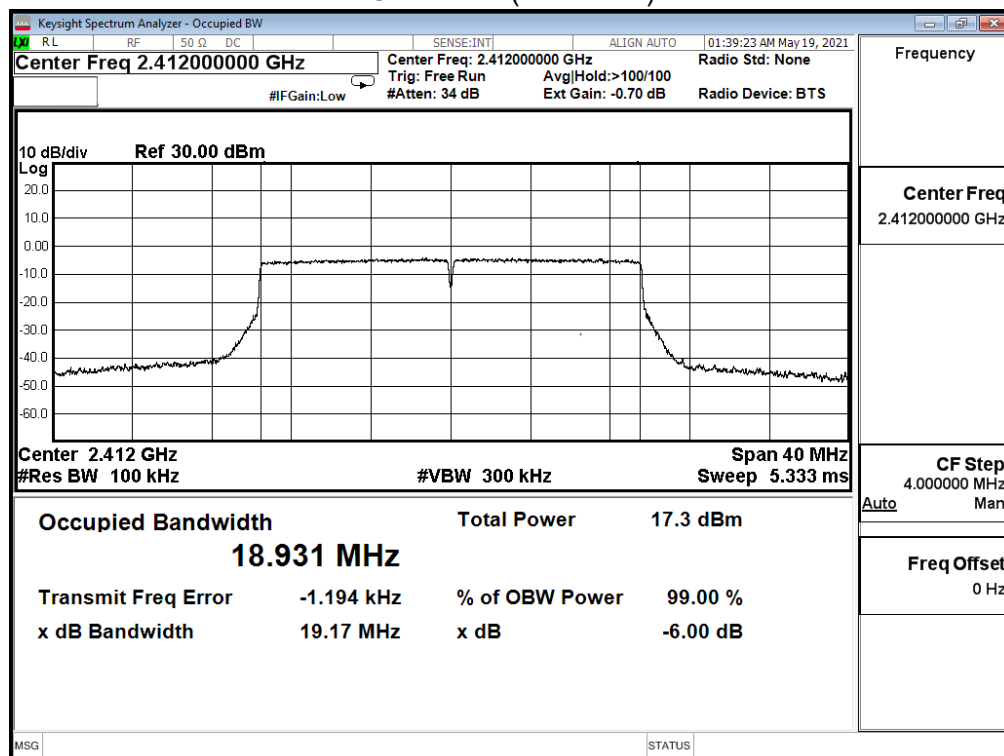
Channel 11 (2462MHz)



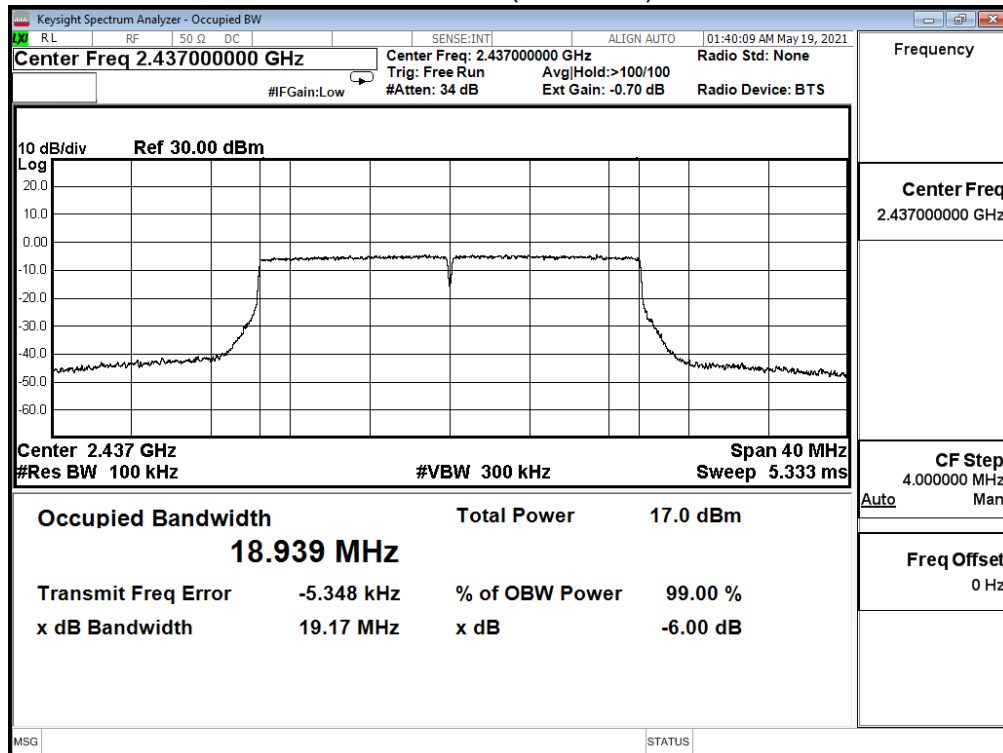
Product	Mesh Wi-Fi Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit_Non-BF_EBM522U		
Date of Test	2021/05/19	Test Site	SR12-H
Temperature (°C)	24	Humidity (%RH)	67

IEEE 802.11ax(20M)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	19.170	≥ 0.5	Pass
6	2437	19.170	≥ 0.5	Pass
11	2462	19.160	≥ 0.5	Pass

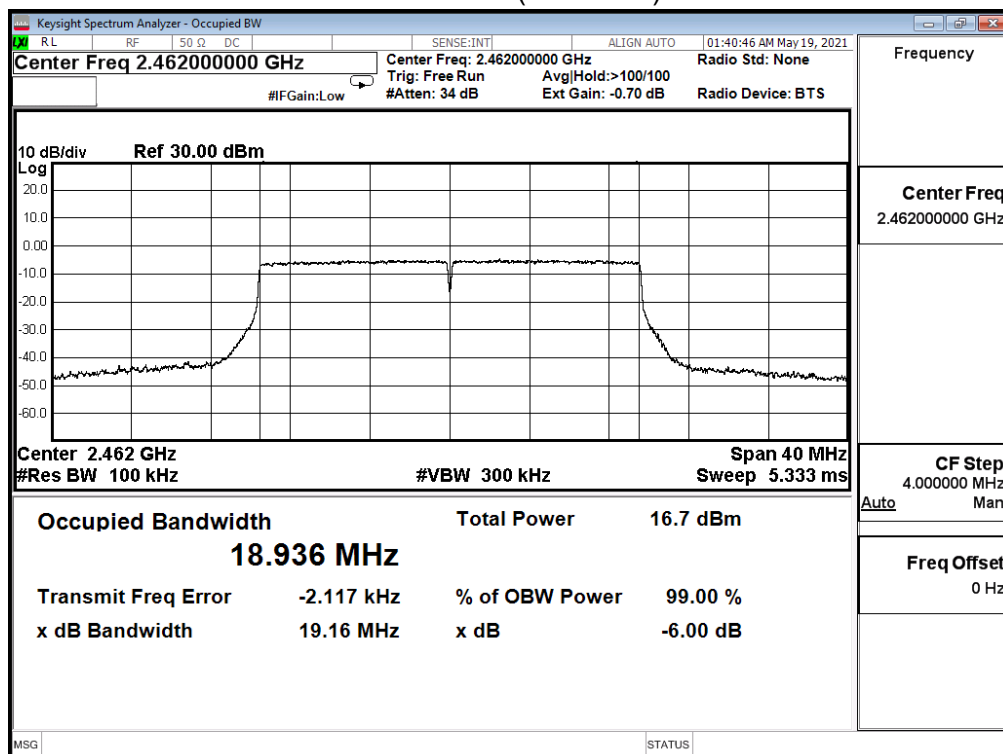
Channel 1 (2412MHz)



Channel 6 (2437MHz)



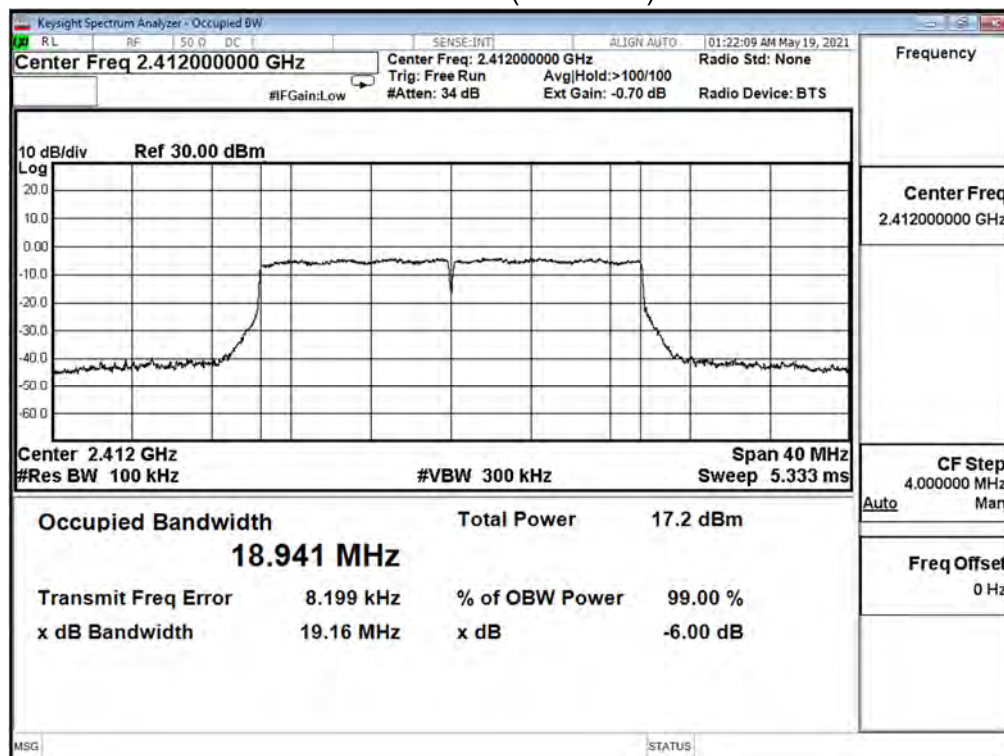
Channel 11 (2462MHz)



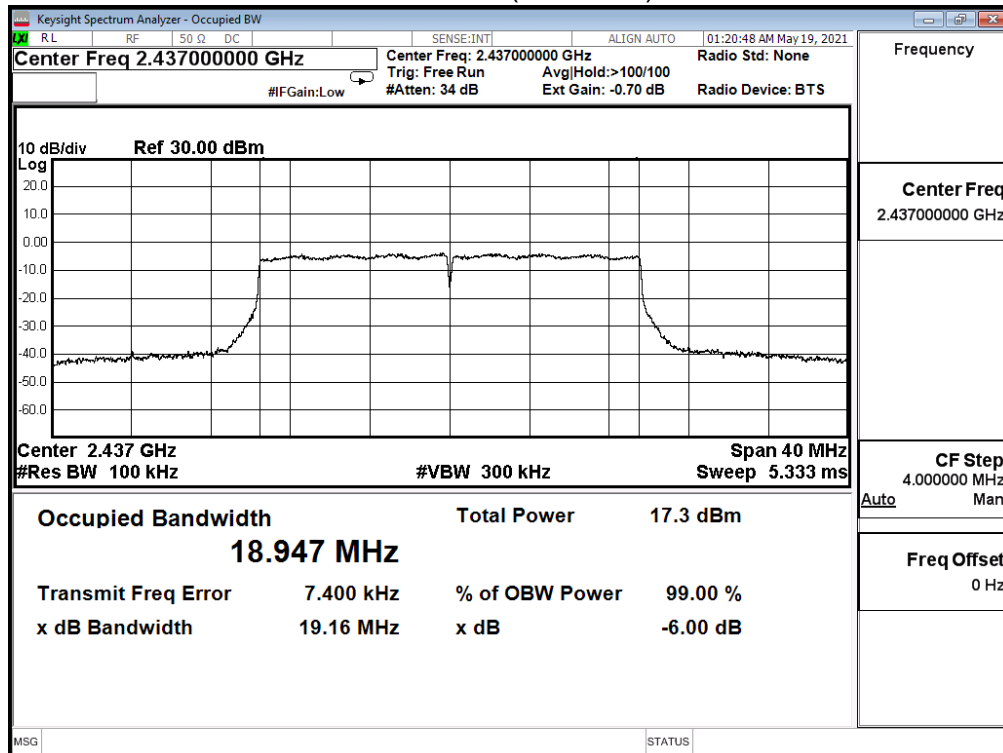
Product	Mesh Wi-Fi Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit_Non-BF_EBM522U		
Date of Test	2021/05/19	Test Site	SR12-H
Temperature (°C)	24	Humidity (%RH)	67

IEEE 802.11ax(20M)(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	19.160	≥ 0.5	Pass
6	2437	19.160	≥ 0.5	Pass
11	2462	19.160	≥ 0.5	Pass

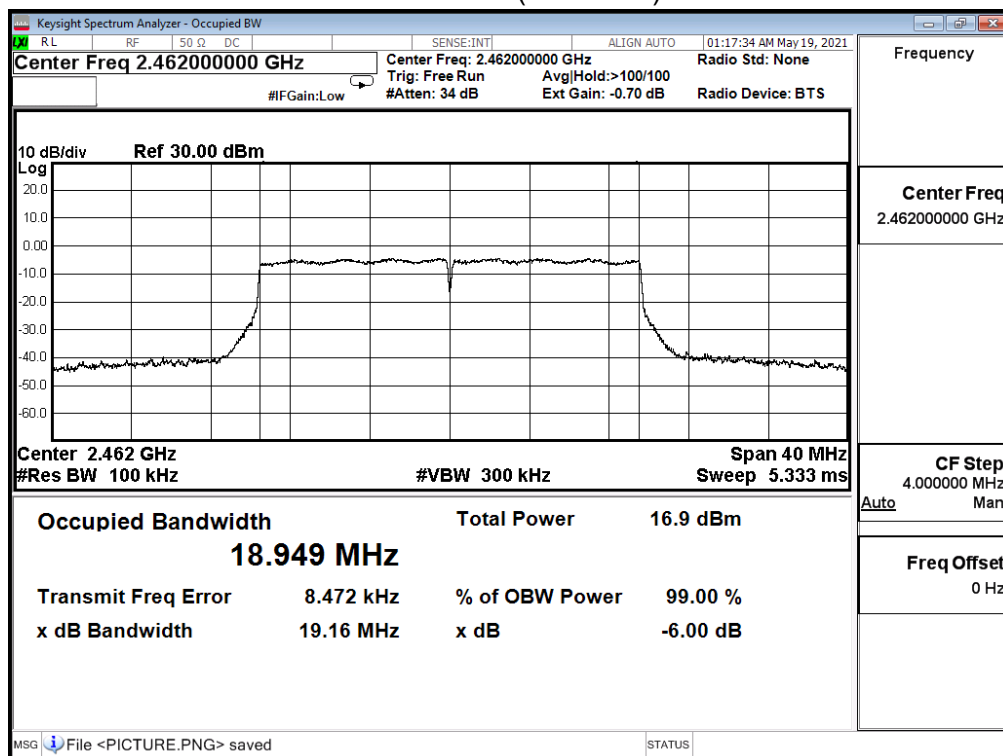
Channel 1 (2412MHz)



Channel 6 (2437MHz)



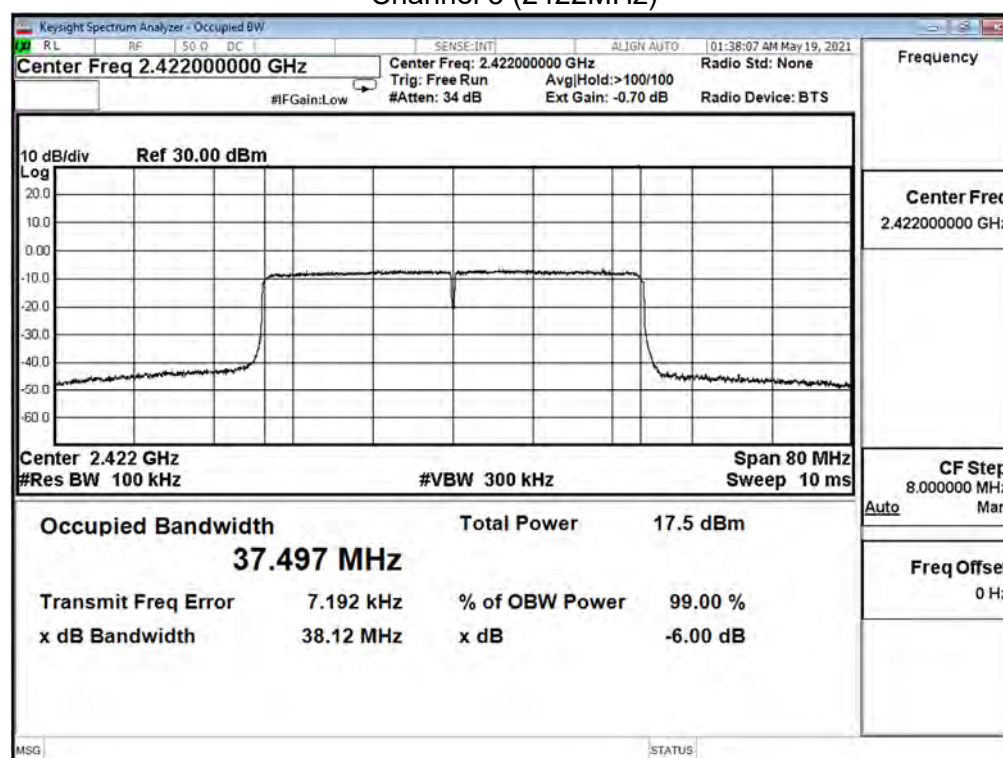
Channel 11 (2462MHz)



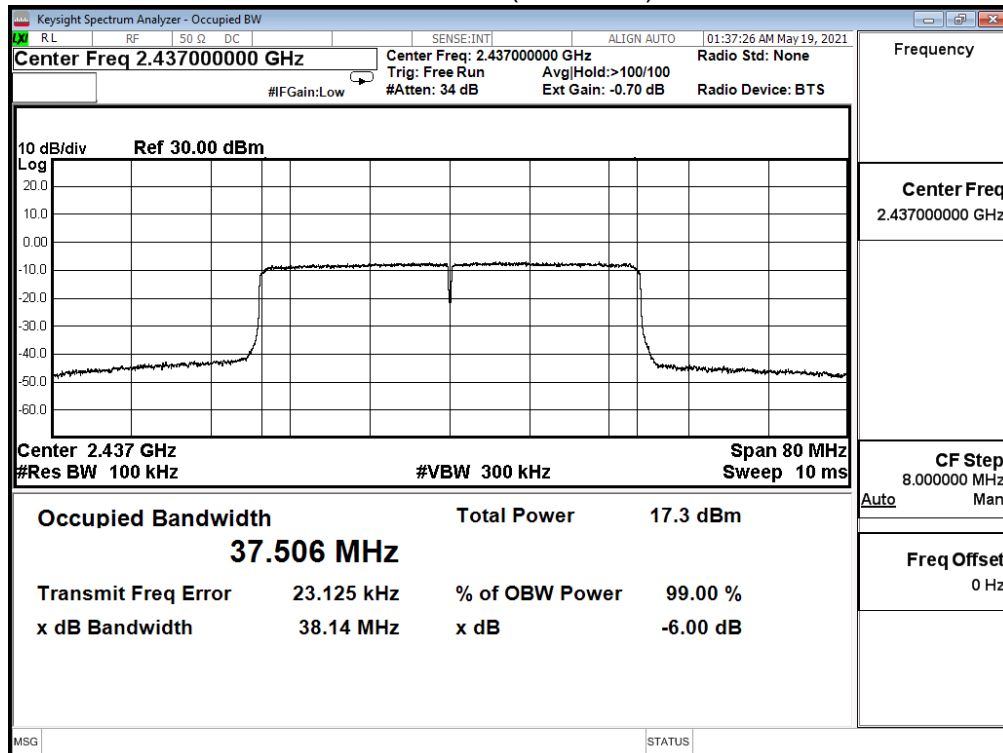
Product	Mesh Wi-Fi Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit_Non-BF_EBM522U		
Date of Test	2021/05/19	Test Site	SR12-H
Temperature (°C)	24	Humidity (%RH)	67

IEEE 802.11ax(40M)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	38.120	≥ 0.5	Pass
6	2437	38.140	≥ 0.5	Pass
9	2452	38.140	≥ 0.5	Pass

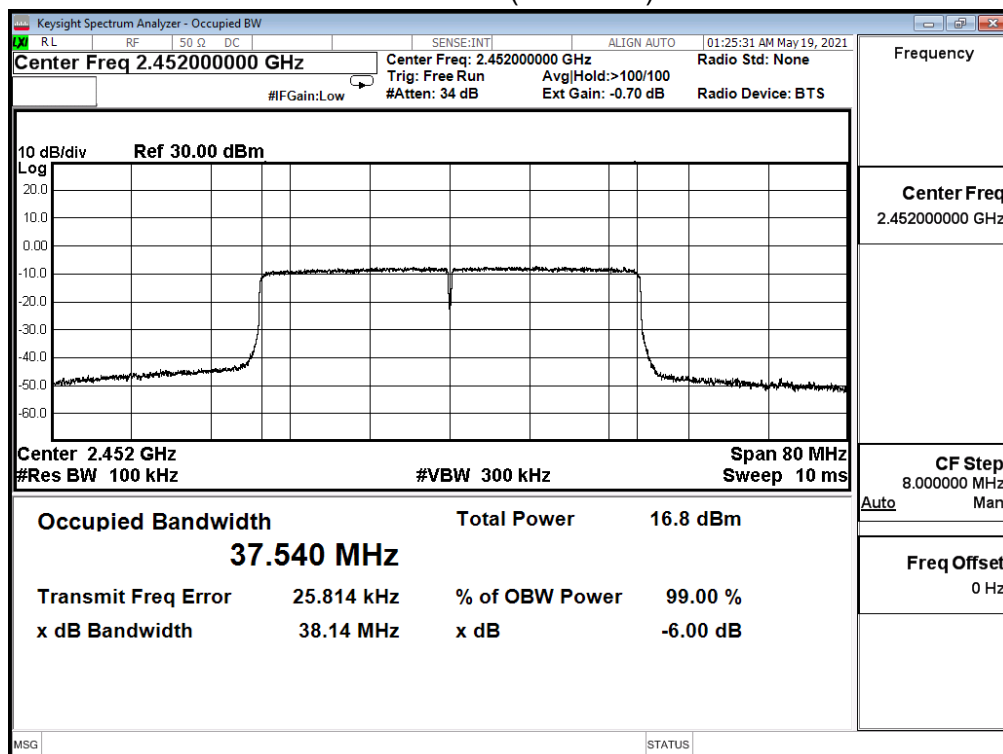
Channel 3 (2422MHz)



Channel 6 (2437MHz)



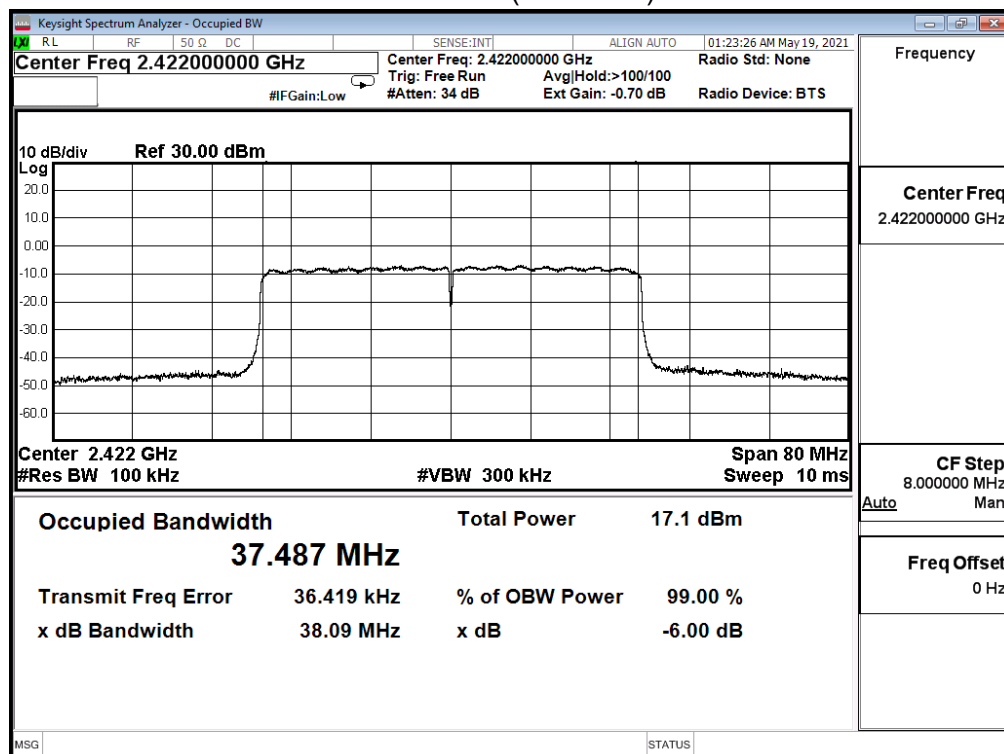
Channel 9 (2452MHz)



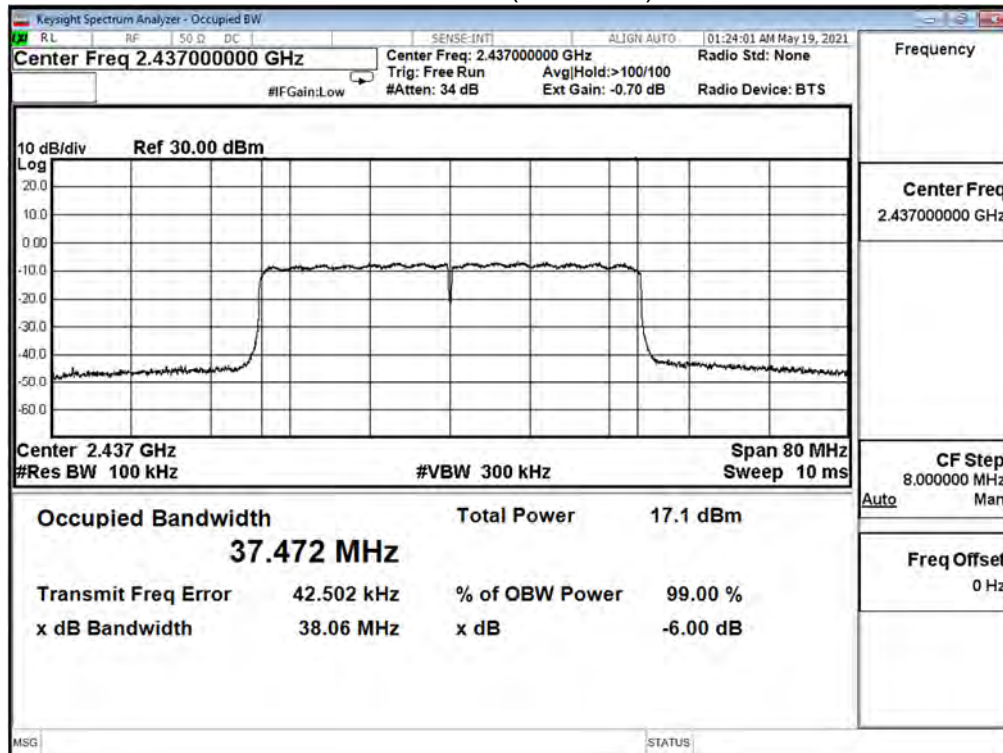
Product	Mesh Wi-Fi Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit_Non-BF_EBM522U		
Date of Test	2021/05/19	Test Site	SR12-H
Temperature (°C)	24	Humidity (%RH)	67

IEEE 802.11ax(40M)(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	38.090	≥ 0.5	Pass
6	2437	38.060	≥ 0.5	Pass
9	2452	38.110	≥ 0.5	Pass

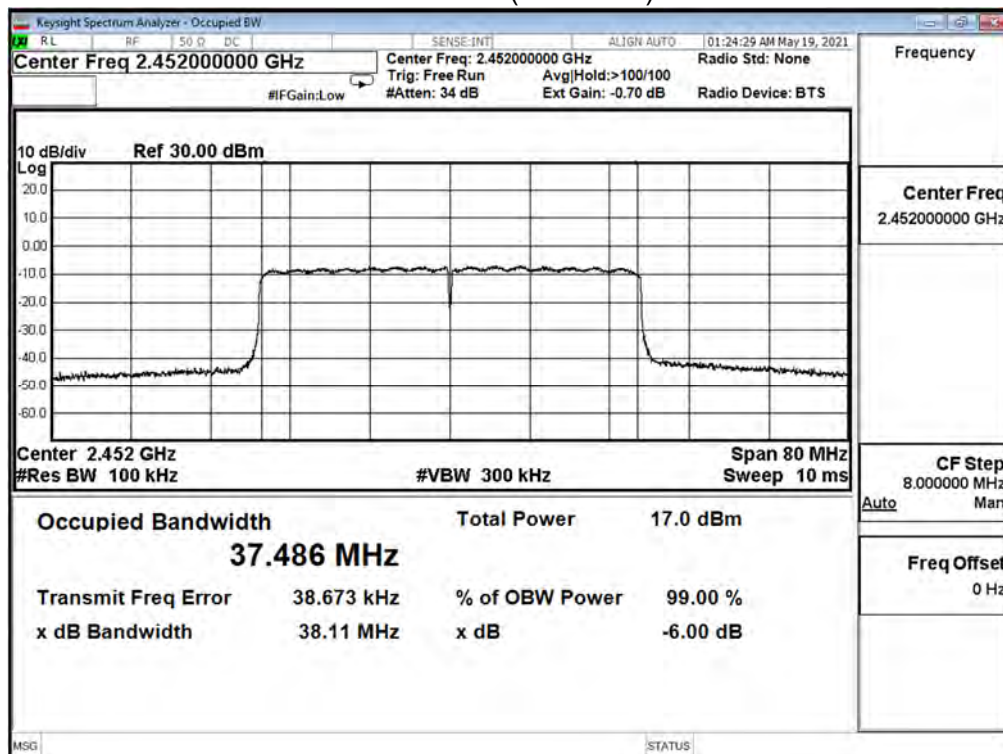
Channel 3 (2422MHz)



Channel 6 (2437MHz)

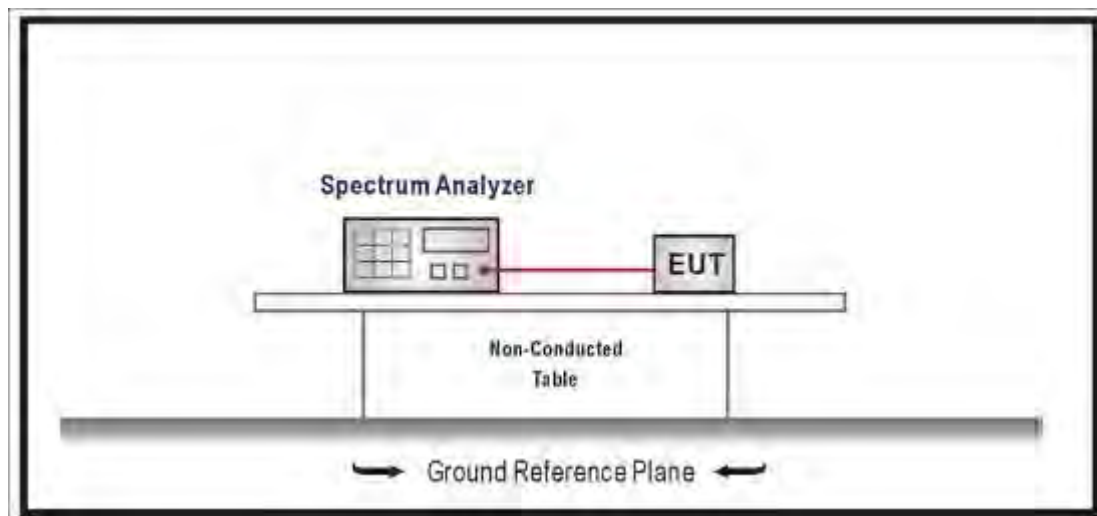


Channel 9 (2452MHz)



8. Occupied Bandwidth

8.1. Test Setup



8.2. 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.

Set RBW = 1-5% of the OBW, Set the VBW $\geq 3 \times$ RBW, Sweep Time=Auto.

8.3. Limits

N/A

8.4. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2019

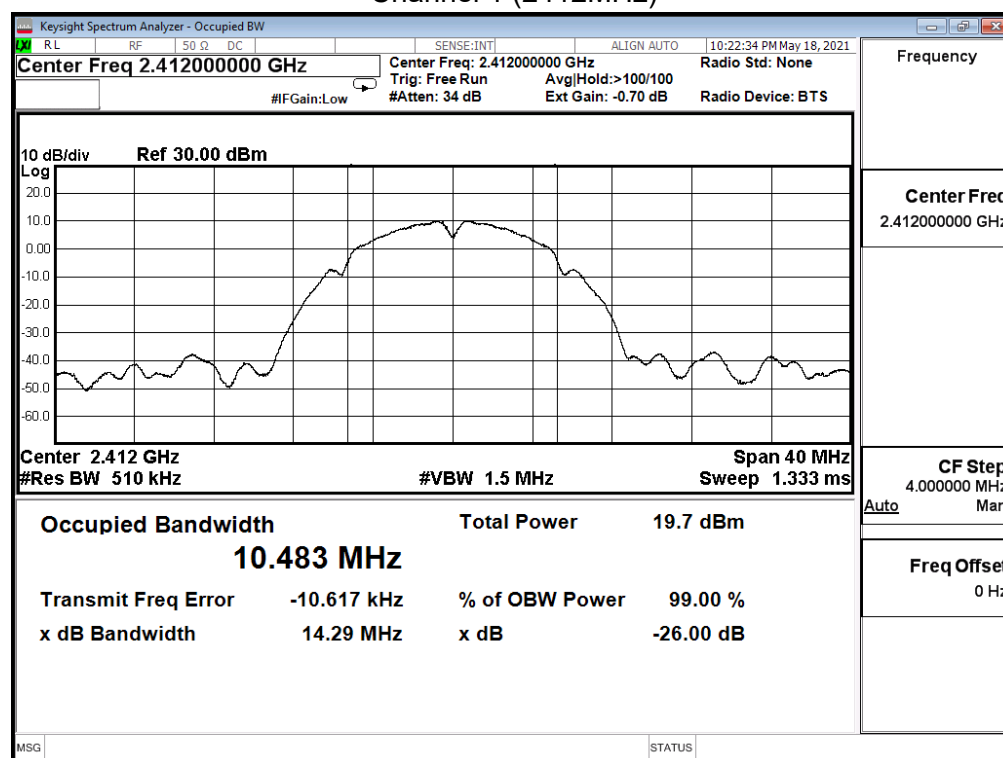
8.5. Test Result

Product	Mesh Wi-Fi Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_Non-BF_EBM522U		
Date of Test	2021/05/18	Test Site	SR12-H
Temperature (°C)	25.5	Humidity (%RH)	60.0

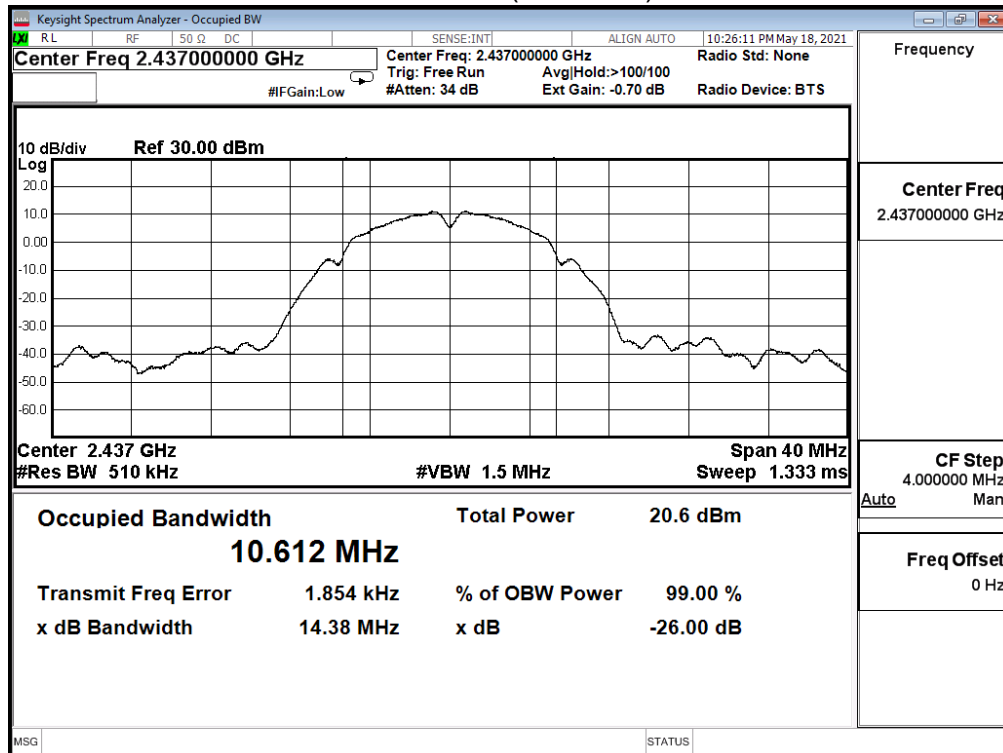
802.11b (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	10.483	--
6	2437	10.612	--
11	2462	10.491	--

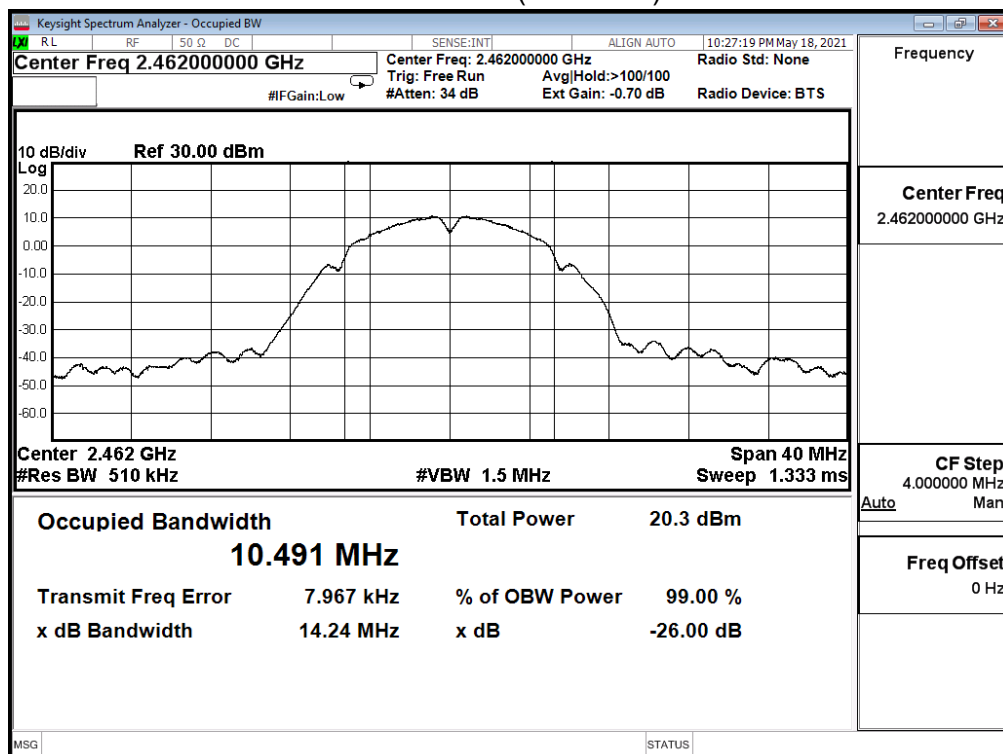
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

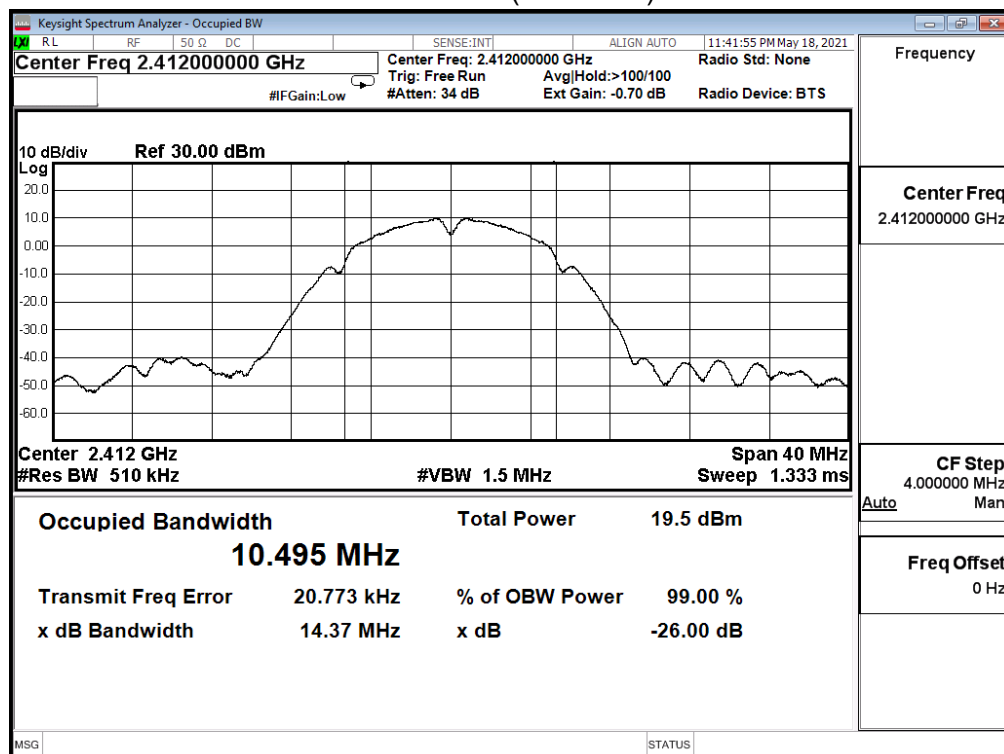


Product	Mesh Wi-Fi Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_Non-BF_EBM522U		
Date of Test	2021/05/18	Test Site	SR12-H
Temperature (°C)	25.5	Humidity (%RH)	60.0

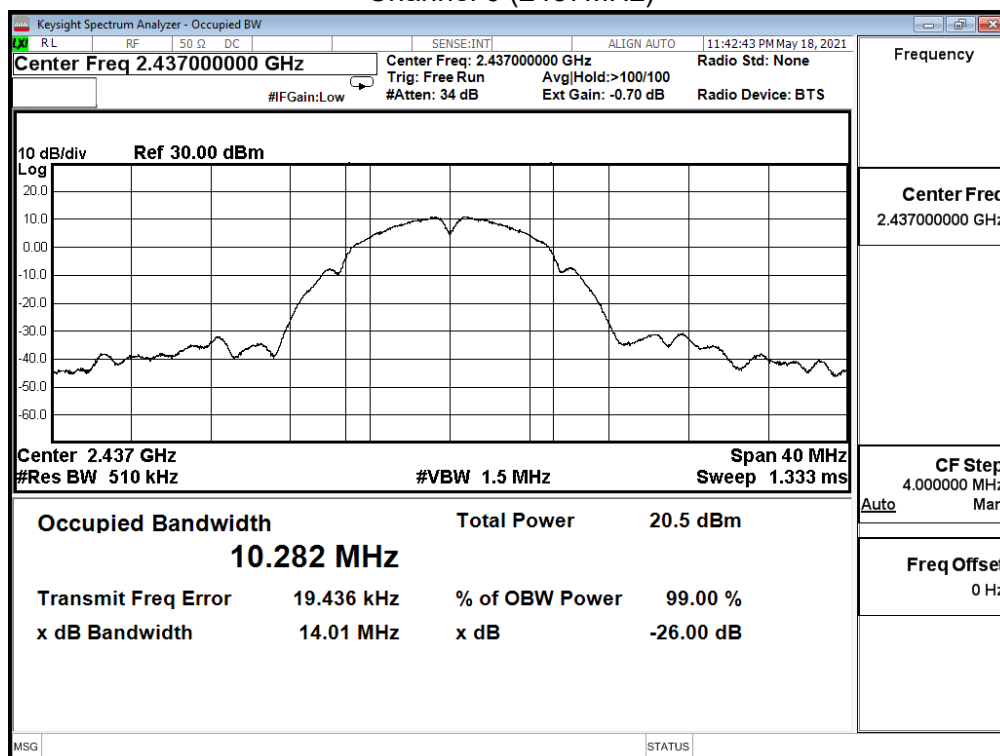
802.11b (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	10.495	---
6	2437	10.282	---
11	2462	10.008	---

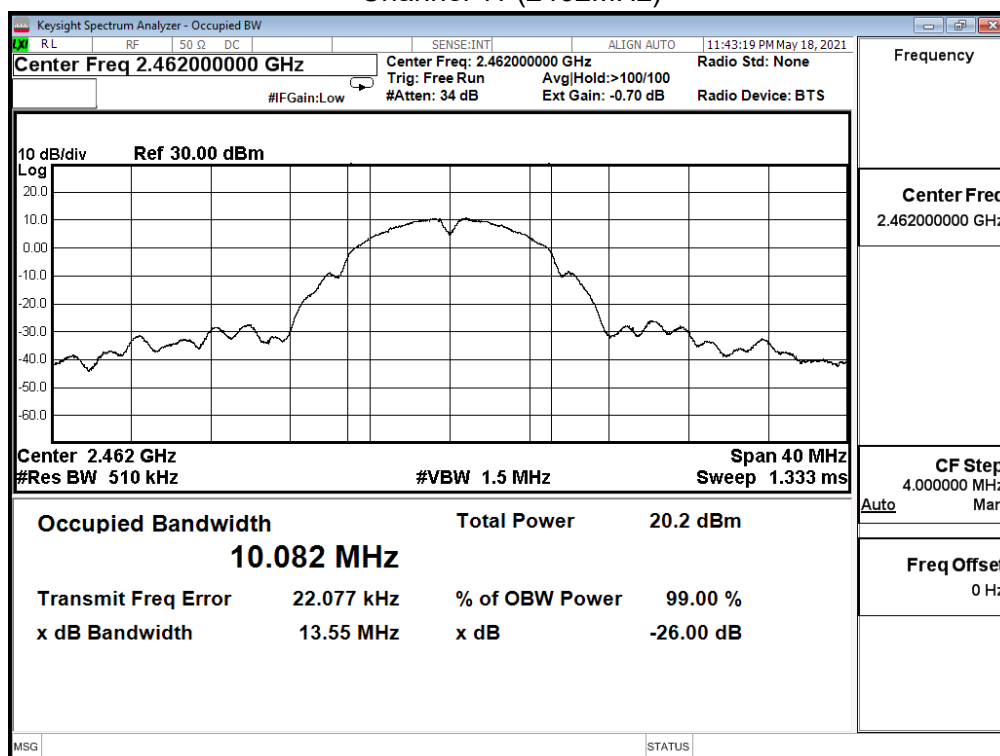
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

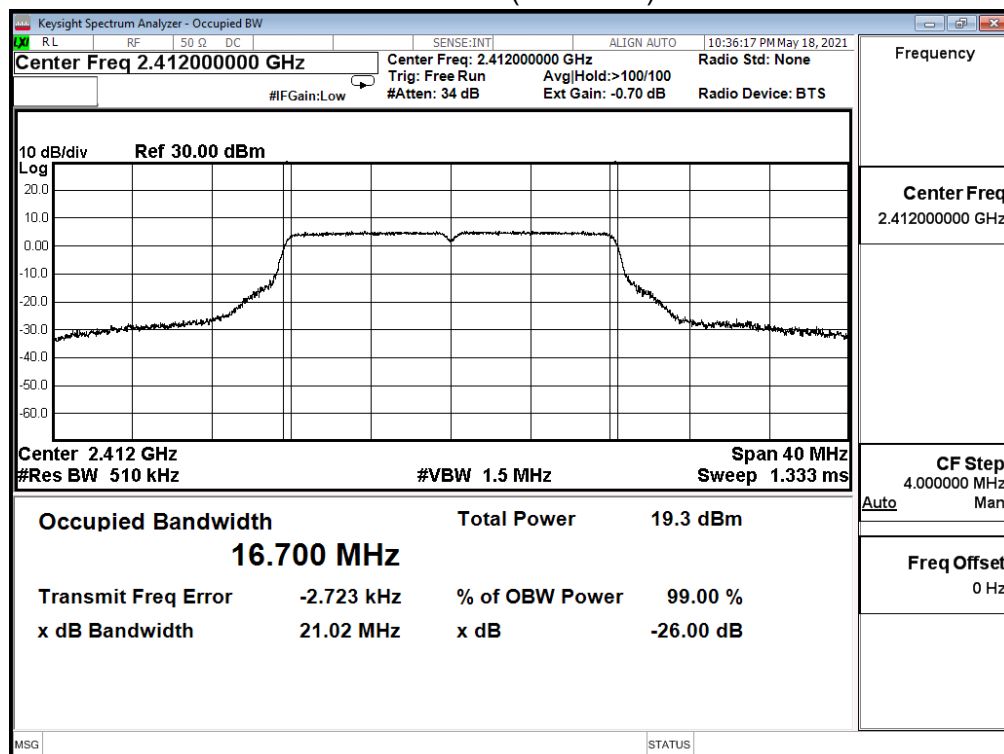


Product	Mesh Wi-Fi Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_Non-BF_EBM522U		
Date of Test	2021/05/18	Test Site	SR12-H
Temperature (°C)	25.5	Humidity (%RH)	60.0

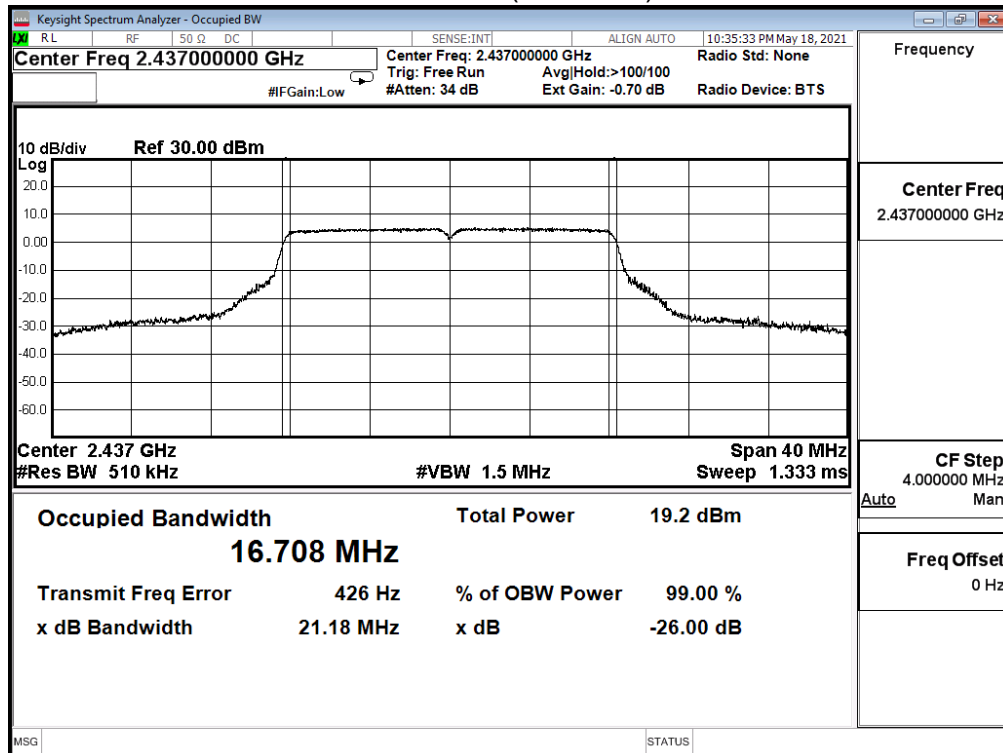
802.11g (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	16.700	---
6	2437	16.708	---
11	2462	16.693	---

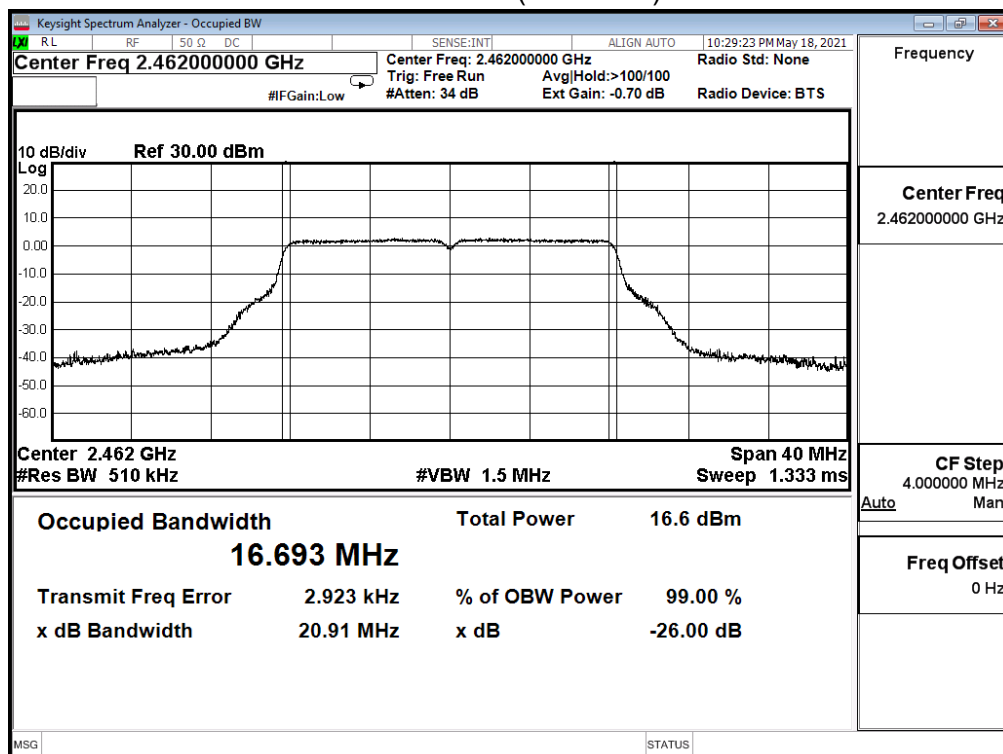
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

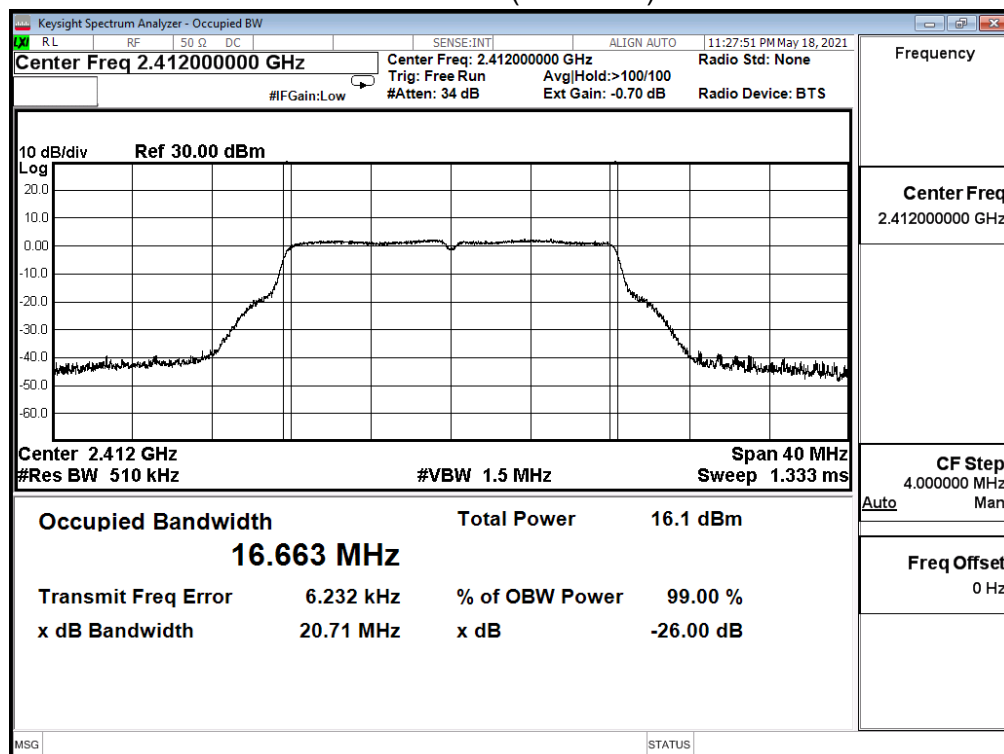


Product	Mesh Wi-Fi Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_Non-BF_EBM522U		
Date of Test	2021/05/18	Test Site	SR12-H
Temperature (°C)	25.5	Humidity (%RH)	60.0

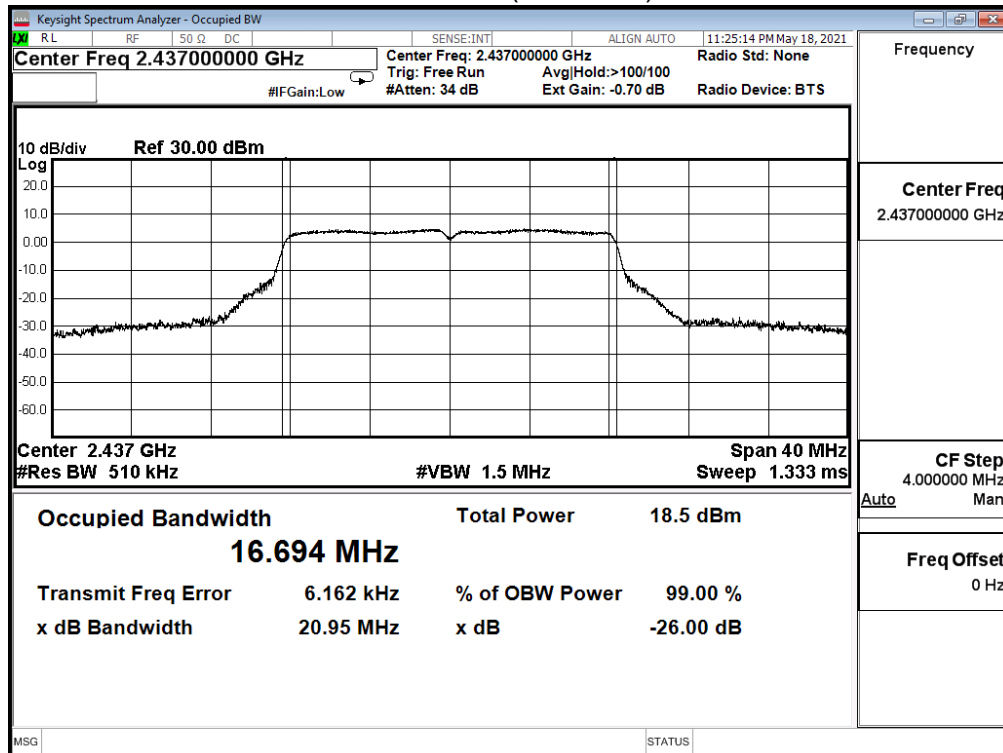
802.11g (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	16.663	---
6	2437	16.694	---
11	2462	16.677	---

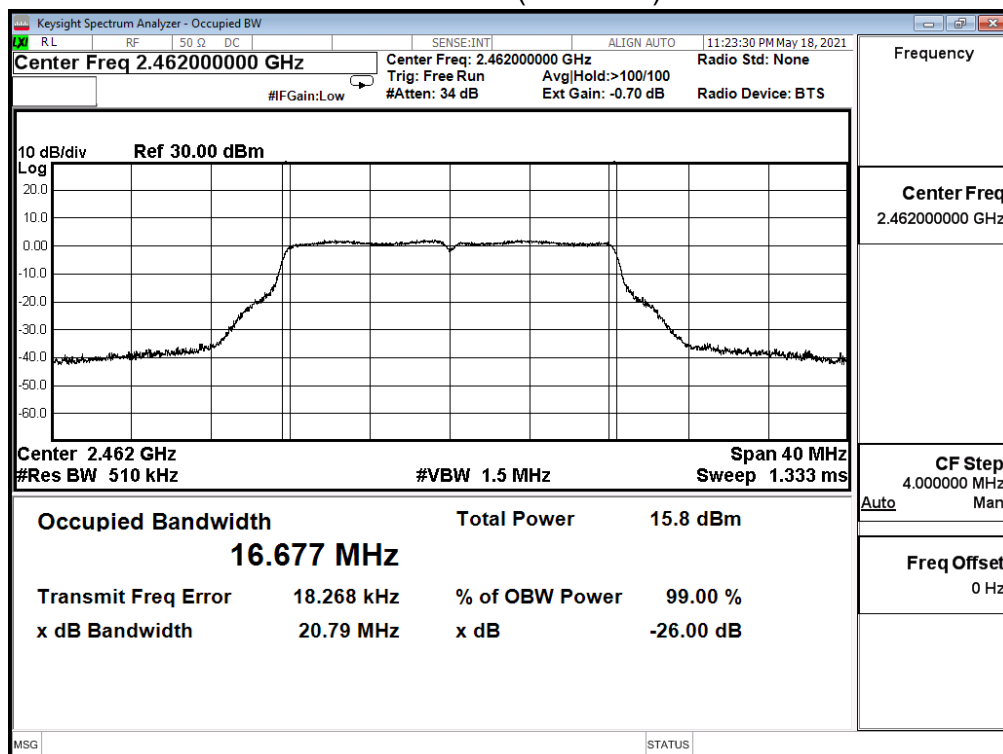
Channel 1 (2412MHz)



Channel 6 (2437MHz)



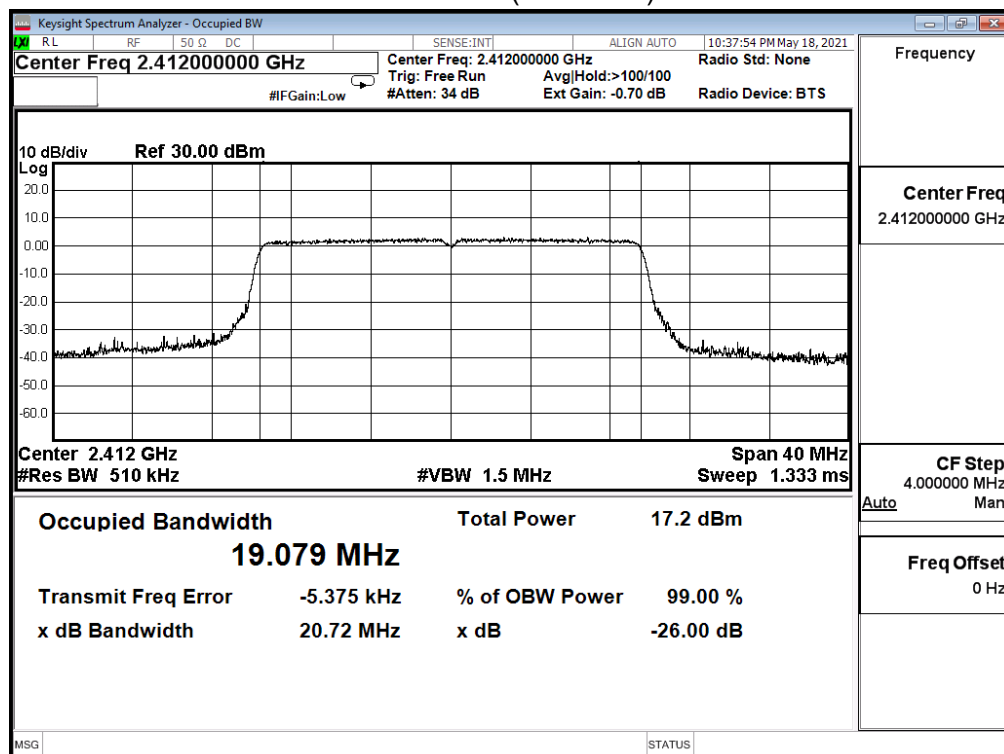
Channel 11 (2462MHz)



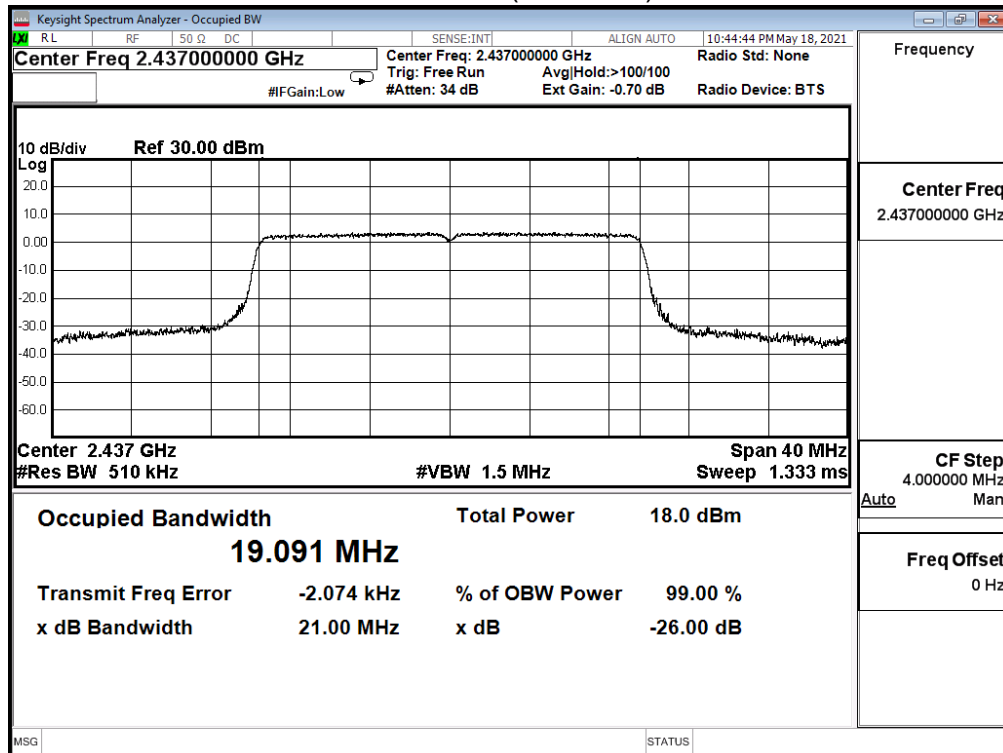
Product	Mesh Wi-Fi Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_Non-BF_EBM522U		
Date of Test	2021/05/18	Test Site	SR12-H
Temperature (°C)	25.5	Humidity (%RH)	60.0

IEEE 802.11ax(20M)(ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	19.079	---
6	2437	19.091	---
11	2462	19.086	---

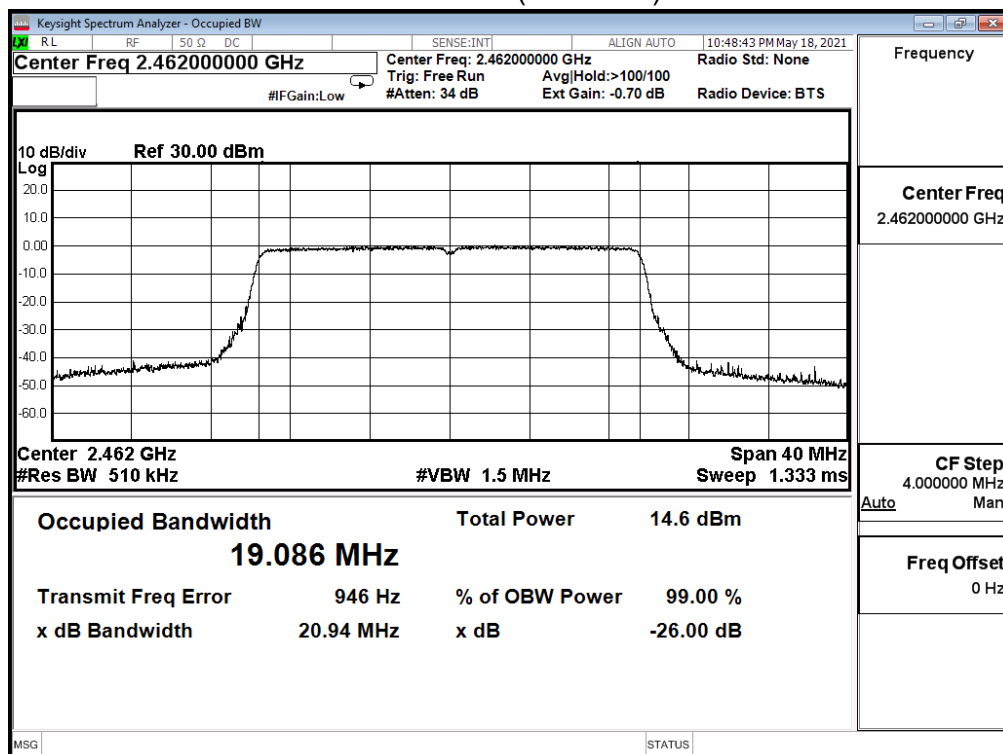
Channel 1 (2412MHz)



Channel 6 (2437MHz)



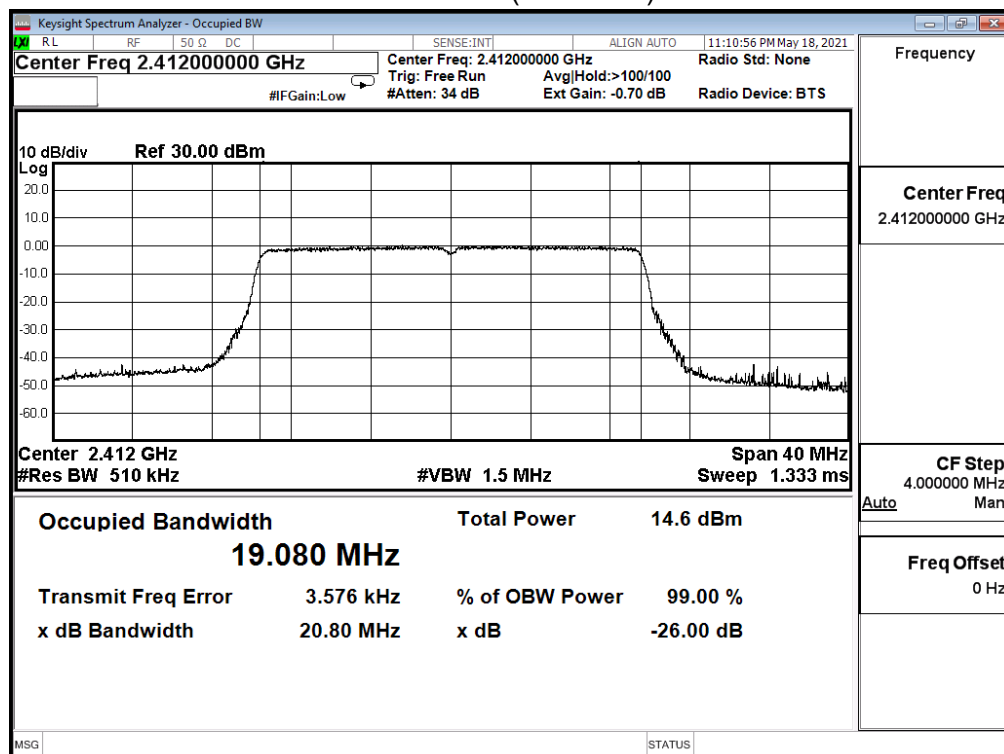
Channel 11 (2462MHz)



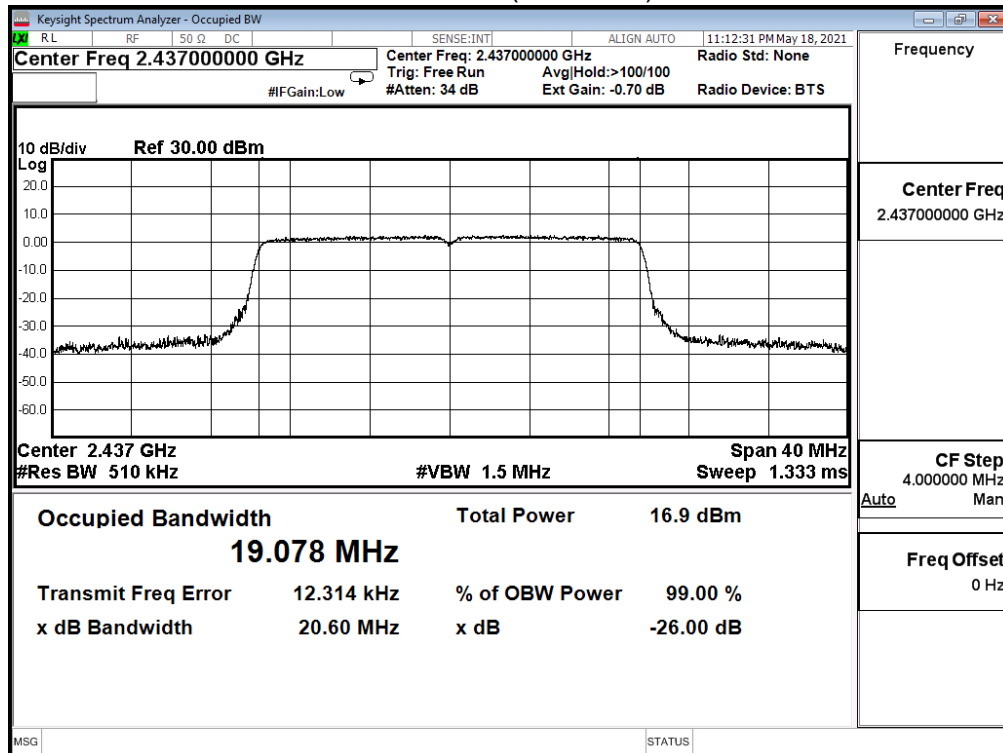
Product	Mesh Wi-Fi Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_Non-BF_EBM522U		
Date of Test	2021/05/18	Test Site	SR12-H
Temperature (°C)	25.5	Humidity (%RH)	60.0

IEEE 802.11ax(20M)(ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
1	2412	19.080	---
6	2437	19.078	---
11	2462	19.098	---

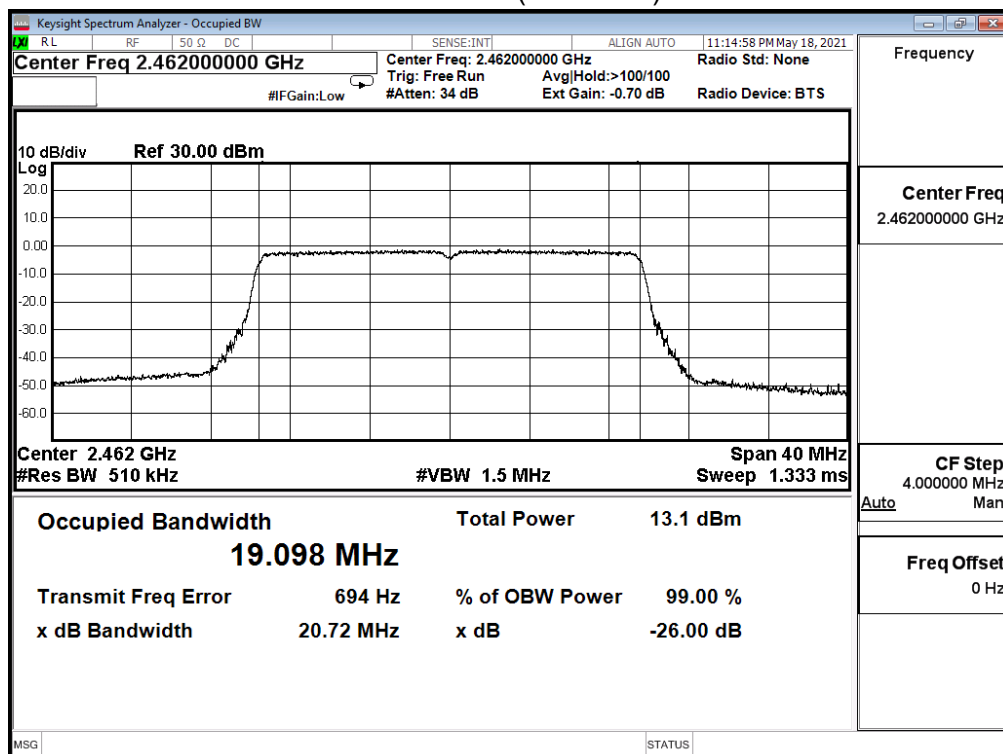
Channel 1 (2412MHz)



Channel 6 (2437MHz)



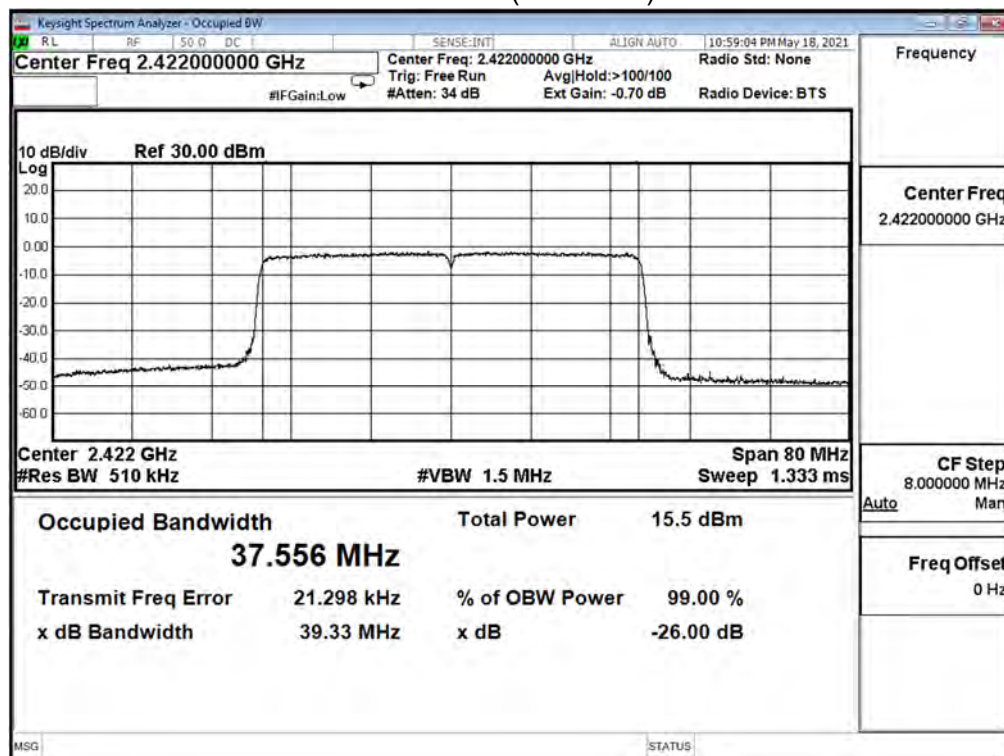
Channel 11 (2462MHz)



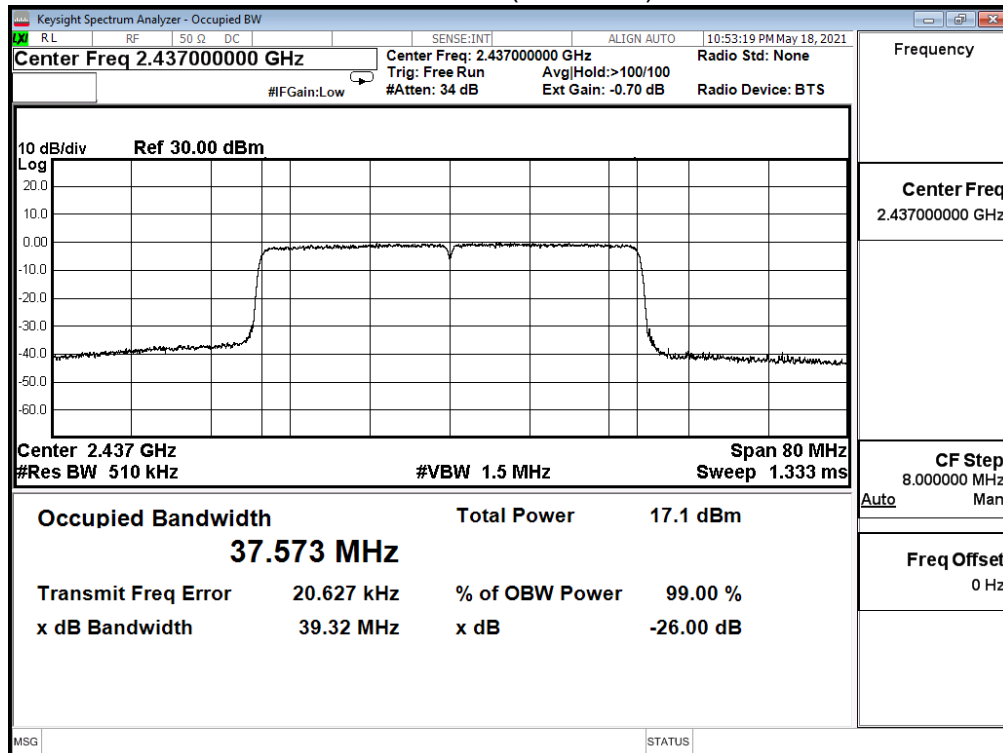
Product	Mesh Wi-Fi Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_Non-BF_EBM522U		
Date of Test	2021/05/18	Test Site	SR12-H
Temperature (°C)	25.5	Humidity (%RH)	60.0

IEEE 802.11ax(40M)(ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
3	2422	37.556	---
6	2437	37.573	---
9	2452	37.586	---

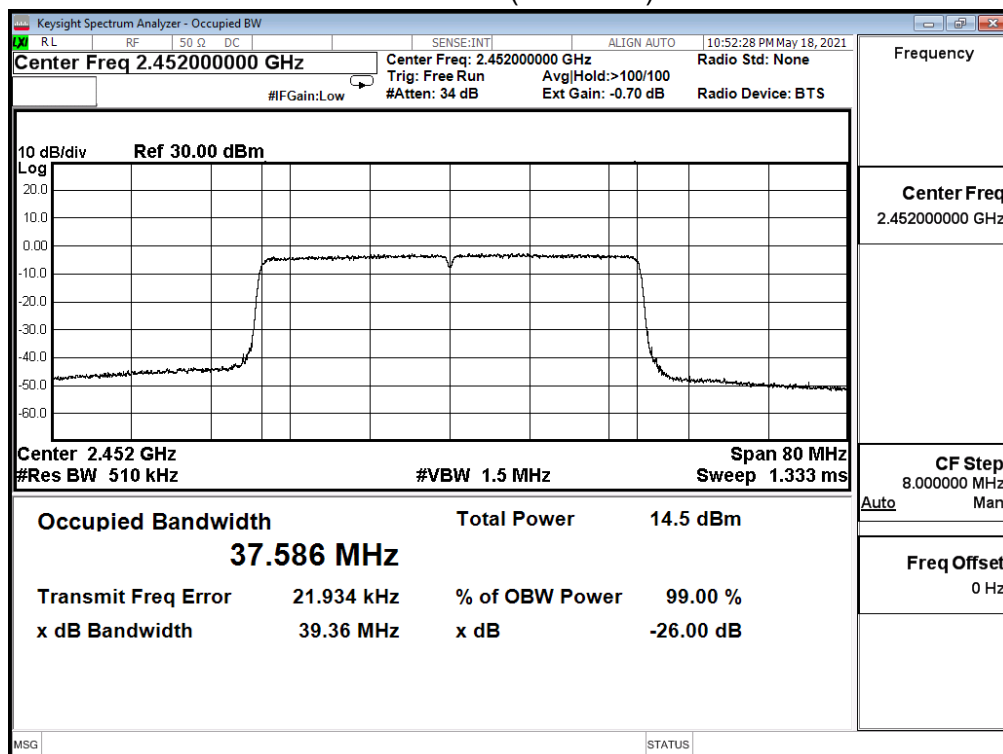
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)

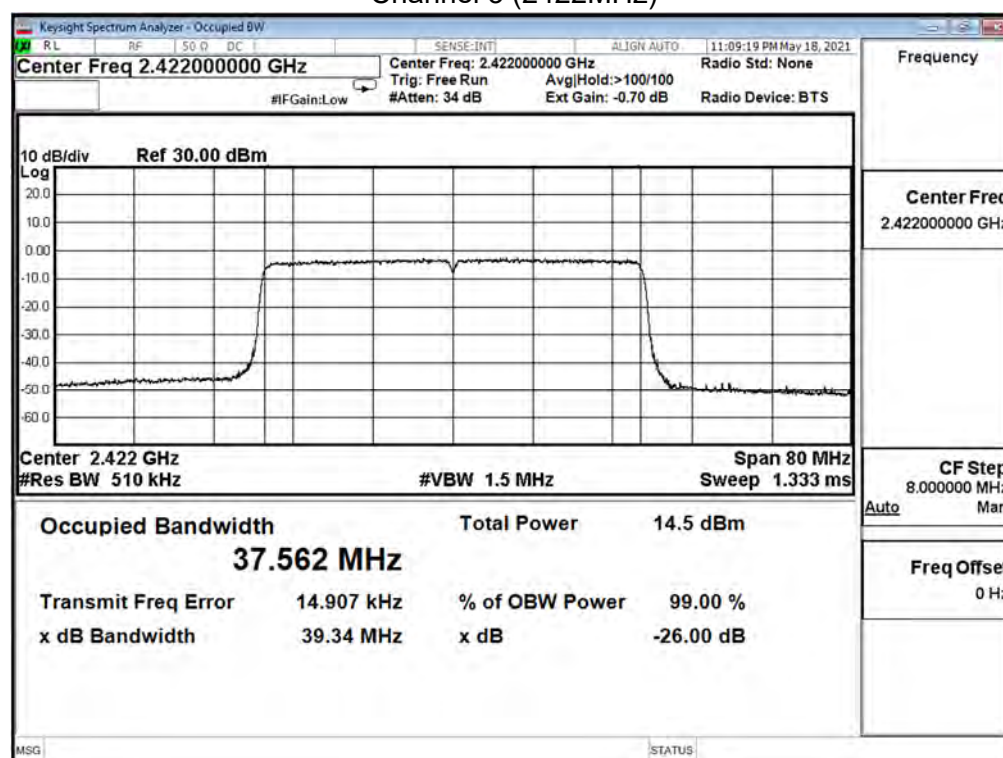


Product	Mesh Wi-Fi Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit_Non-BF_EBM522U		
Date of Test	2021/05/18	Test Site	SR12-H
Temperature (°C)	25.5	Humidity (%RH)	60.0

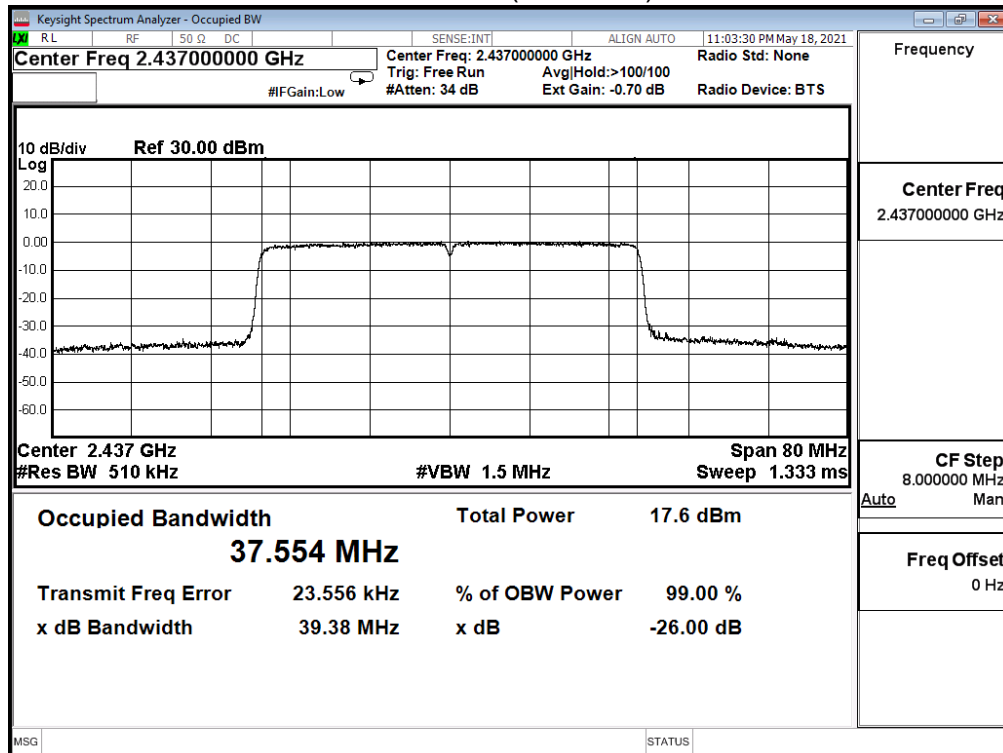
IEEE 802.11ax(40M)(ANT 1)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
3	2422	37.562	---
6	2437	37.554	---
9	2452	37.553	---

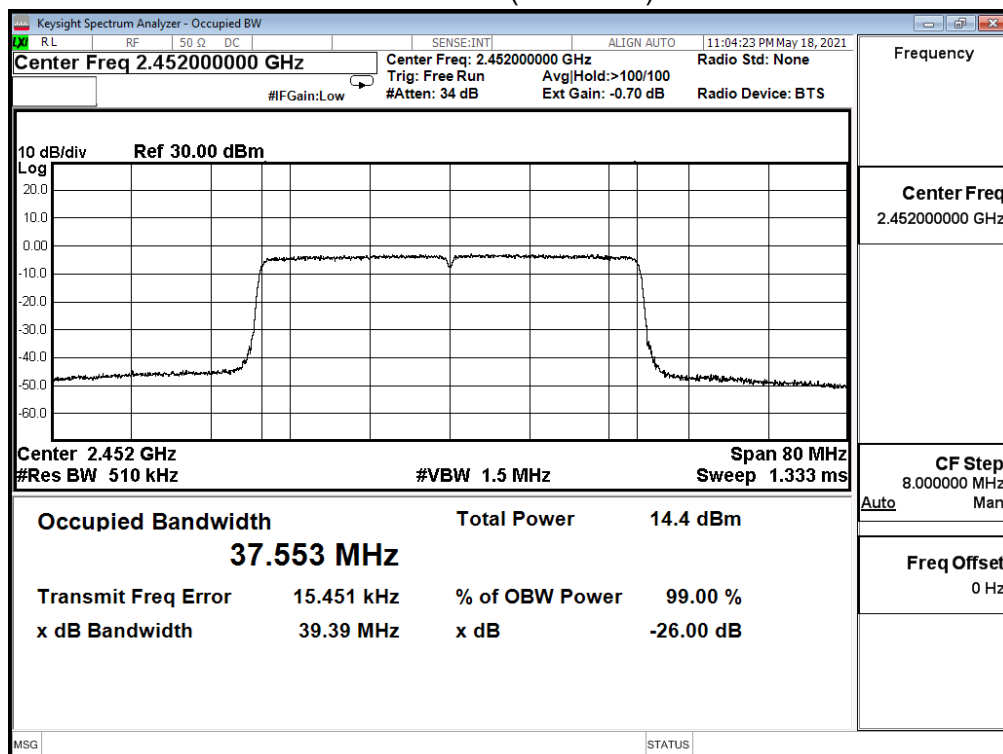
Channel 3 (2422MHz)



Channel 6 (2437MHz)

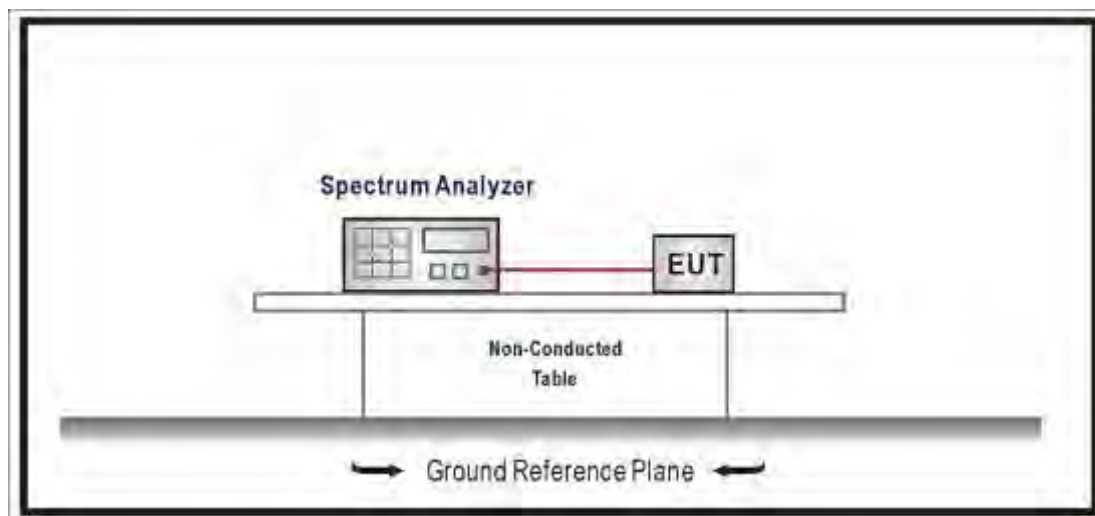


Channel 9 (2452MHz)



9. Power Density

9.1. Test Setup



9.2. Limits

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

9.3. Test Procedures

The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure section 10.2 of KDB 558074 D01 v05r02 for compliance to FCC 47CFR 15.247 requirements.

Set 3KHz $\leq$ RBW $\leq$ 100 kHz, Set VBW $\geq$ 3xRBW, Sweep time=Auto, Set Peak detector.

9.4. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2019

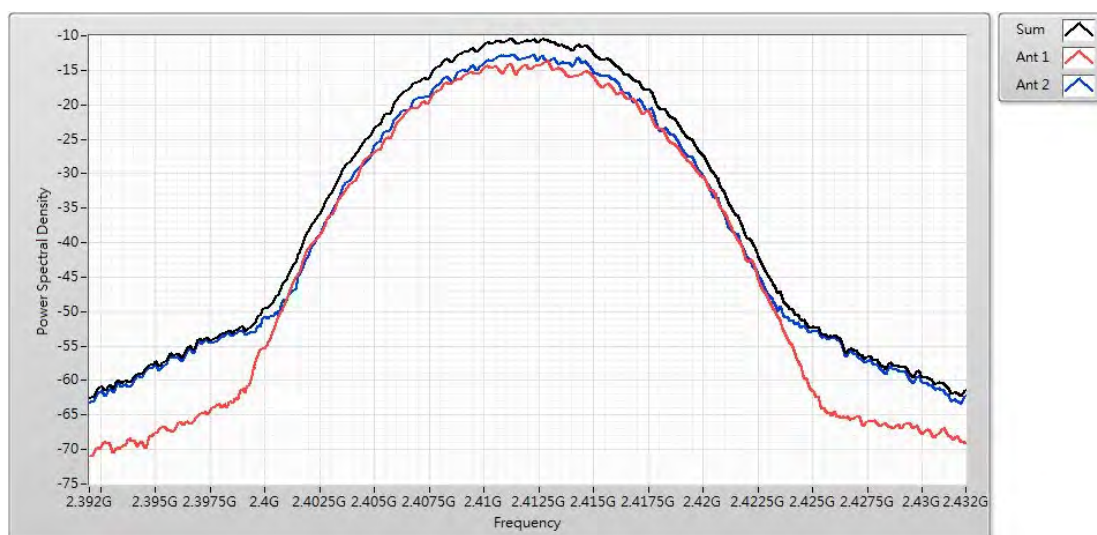
9.5. Test Result

Product	Mesh Wi-Fi Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_Non-BF_EBM522U		
Date of Test	2021/05/19	Test Site	SR12-H
Temperature (°C)	24.0	Humidity (%RH)	67.0

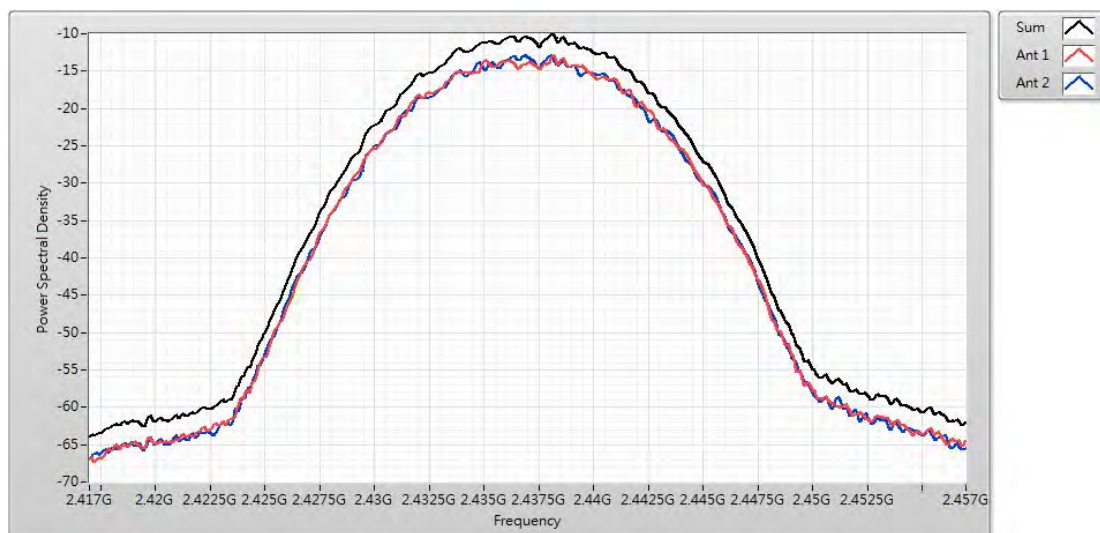
IEEE 802.11b (ANT 0+1)

Channel No.	Frequency (MHz)	Measure Level (dBm/3kHz)	Limit (dBm/3kHz)	Result
1	2412	-10.450	≤ 8	Pass
6	2437	-10.070	≤ 8	Pass
11	2462	-11.790	≤ 8	Pass

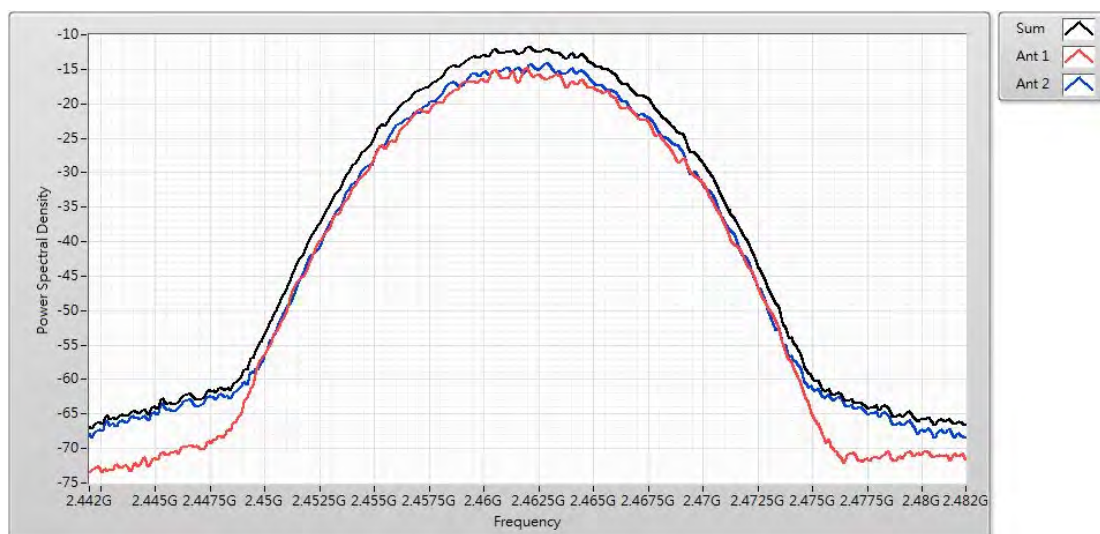
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

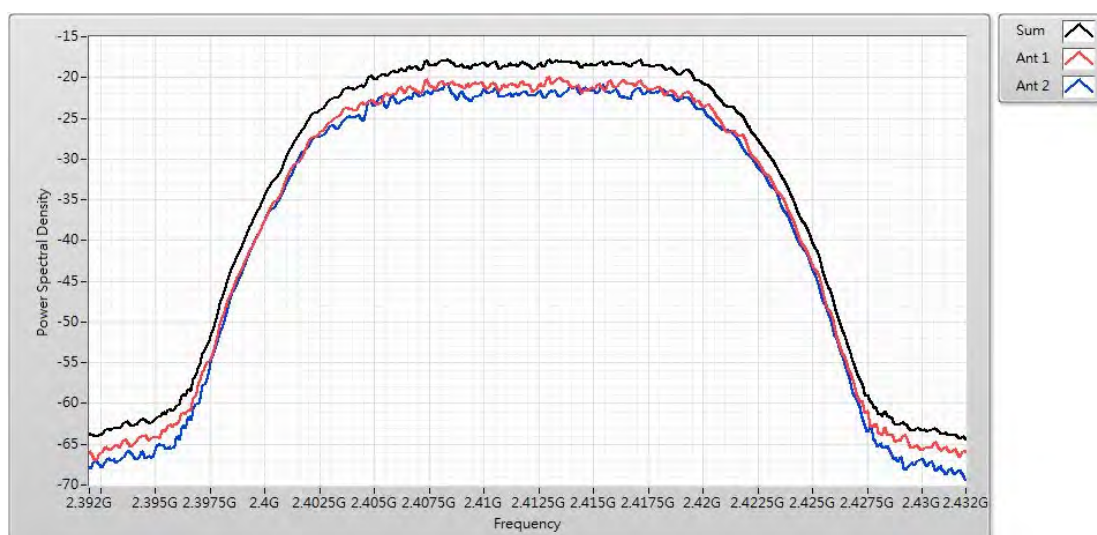


Product	Mesh Wi-Fi Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_Non-BF_EBM522U		
Date of Test	2021/05/19	Test Site	SR12-H
Temperature (°C)	24.0	Humidity (%RH)	67.0

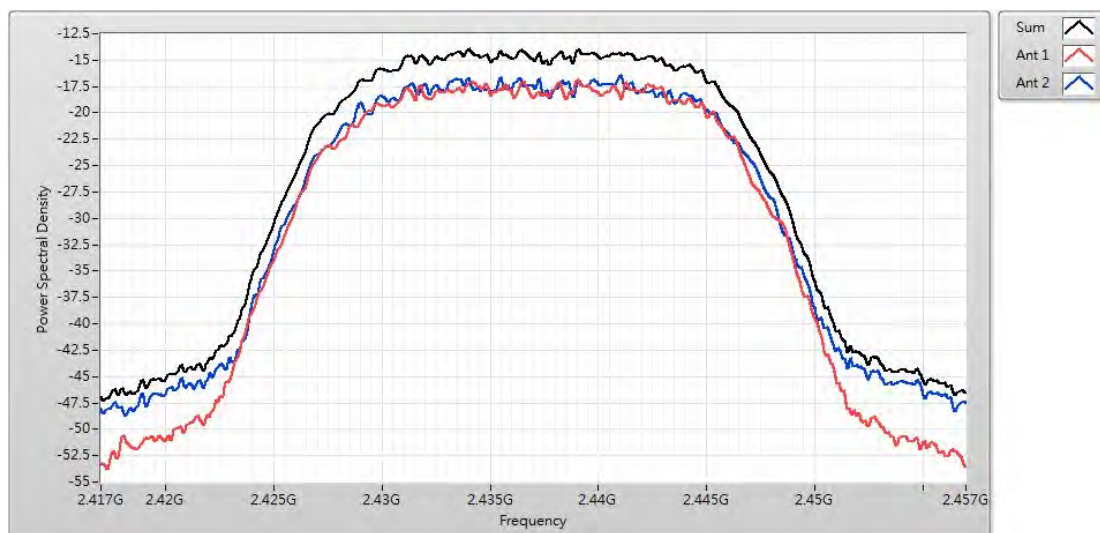
IEEE 802.11g (ANT 0+1)

Channel No.	Frequency (MHz)	Measure Level (dBm/3kHz)	Limit (dBm/3kHz)	Result
1	2412	-17.820	≤ 8	Pass
6	2437	-13.960	≤ 8	Pass
11	2462	-19.320	≤ 8	Pass

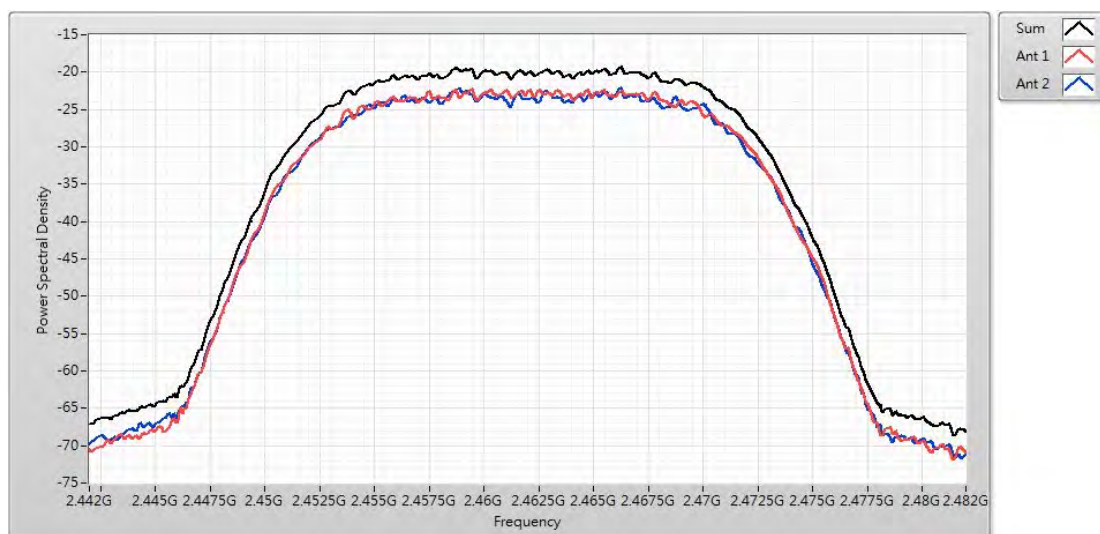
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

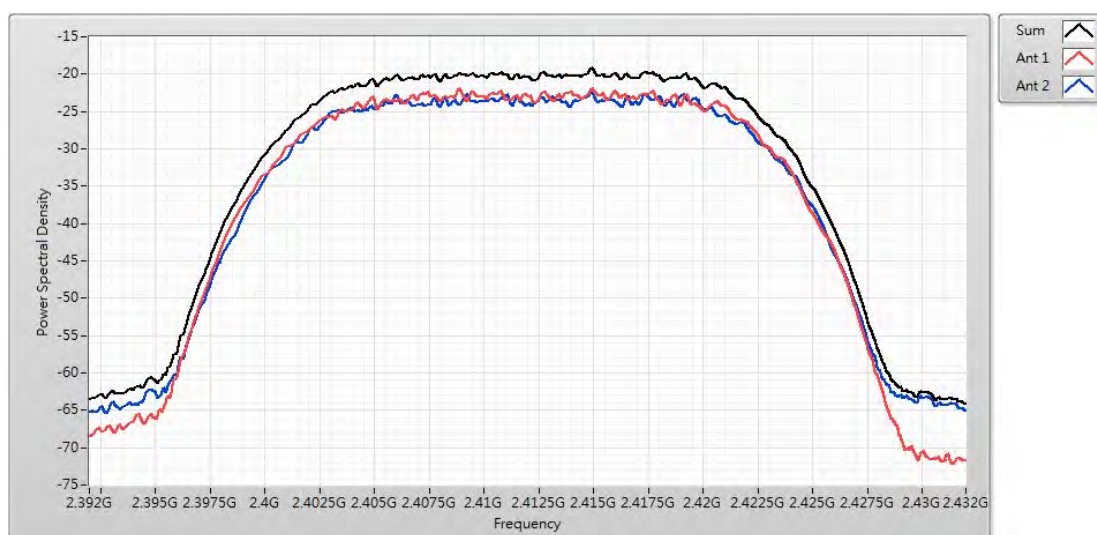


Product	Mesh Wi-Fi Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_Non-BF_EBM522U		
Date of Test	2021/05/19	Test Site	SR12-H
Temperature (°C)	24.0	Humidity (%RH)	67.0

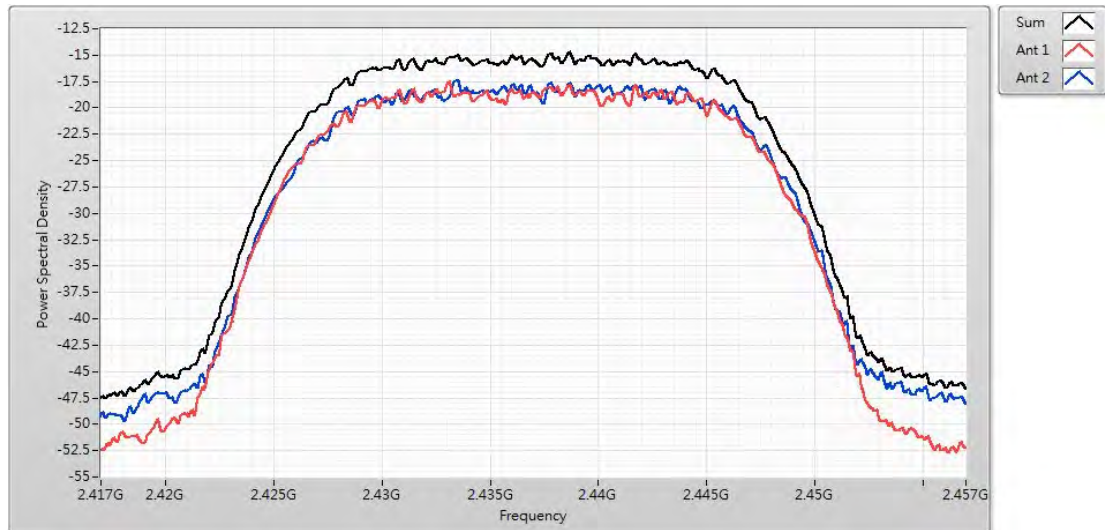
IEEE 802.11ax(20M)(ANT 0+1)

Channel No.	Frequency (MHz)	Measure Level (dBm/10kHz)	Limit (dBm/3kHz)	Result
1	2412	-19.220	≤ 8	Pass
6	2437	-14.740	≤ 8	Pass
11	2462	-21.680	≤ 8	Pass

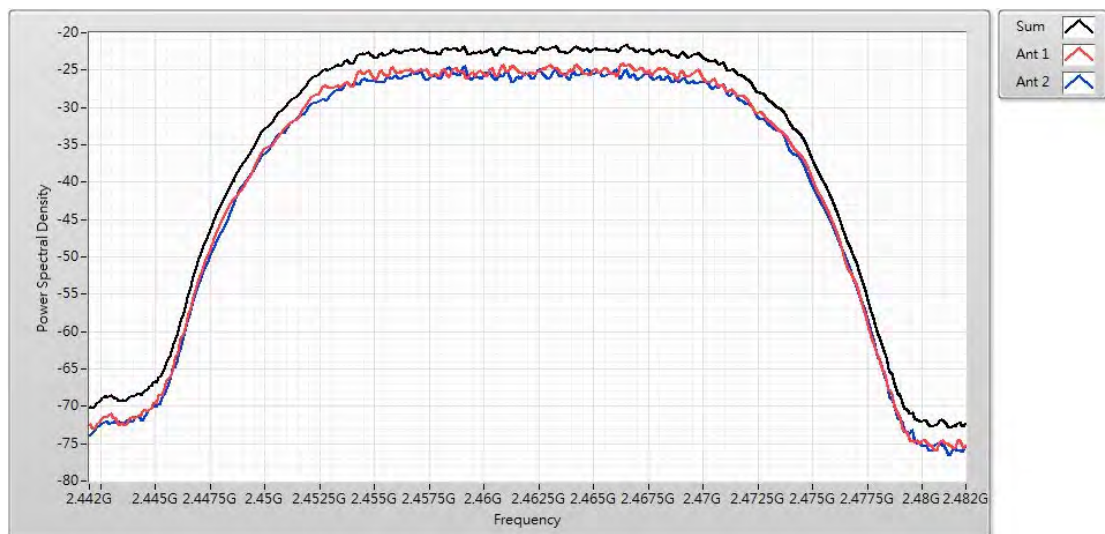
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

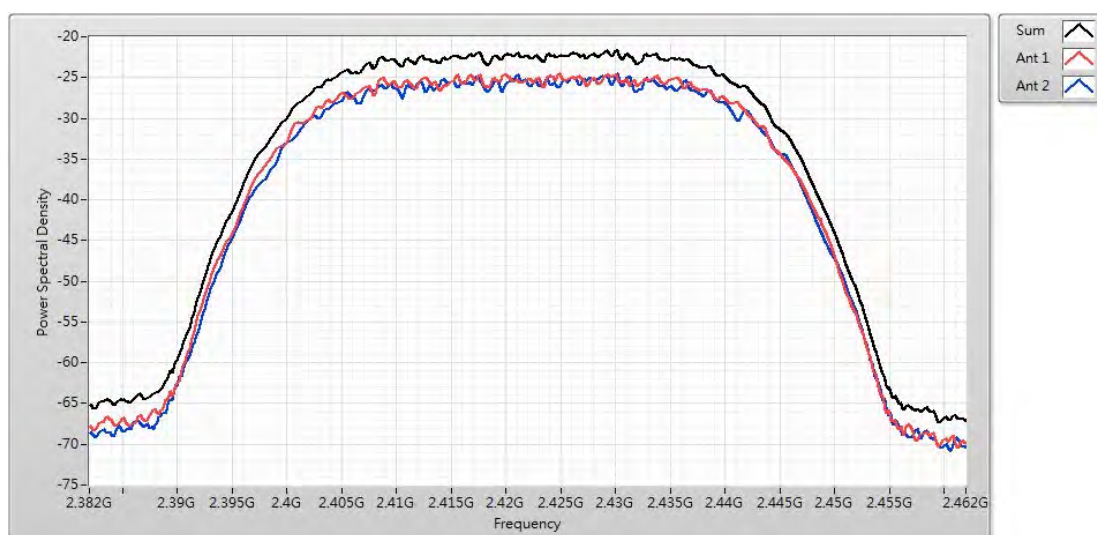


Product	Mesh Wi-Fi Router		
Test Item	Power Density		
Test Mode	Mode 1: Transmit_Non-BF_EBM522U		
Date of Test	2021/05/19	Test Site	SR12-H
Temperature (°C)	24.0	Humidity (%RH)	67.0

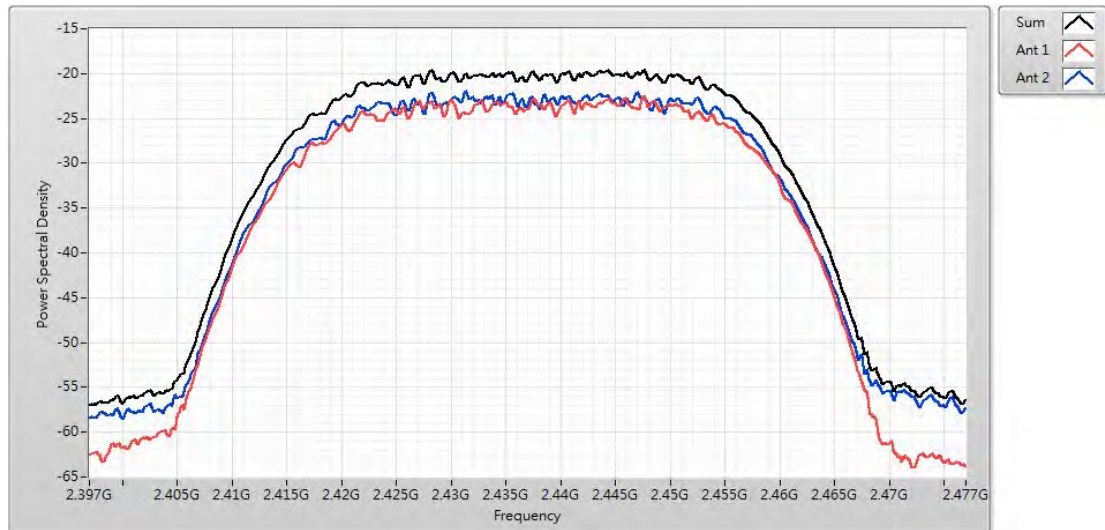
IEEE 802.11ax(40M)(ANT 0+1)

Channel No.	Frequency (MHz)	Measure Level (dBm/10kHz)	Limit (dBm/3kHz)	Result
3	2422	-21.680	≤ 8	Pass
6	2437	-19.610	≤ 8	Pass
9	2452	-22.570	≤ 8	Pass

Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)

