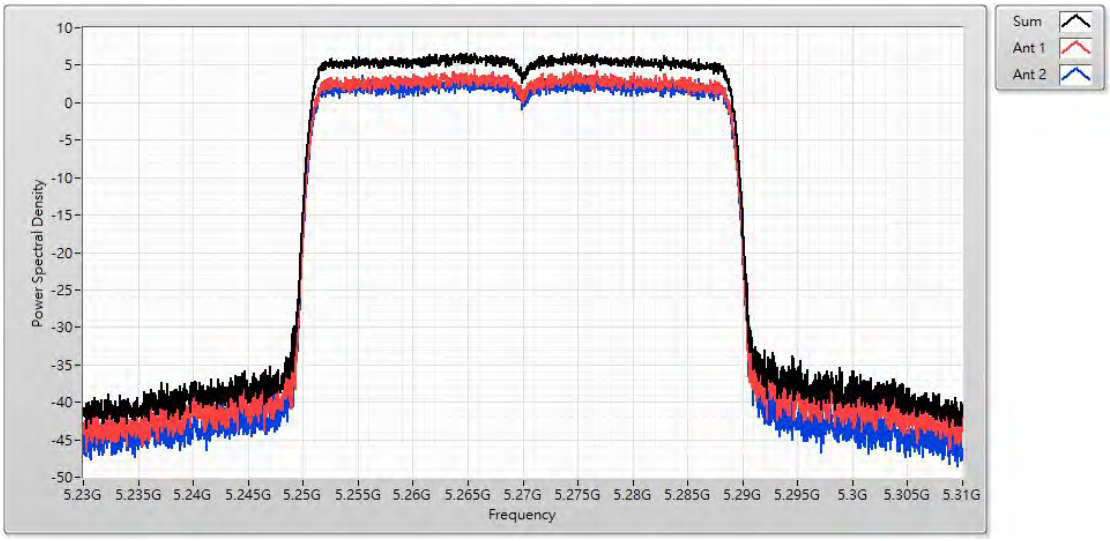
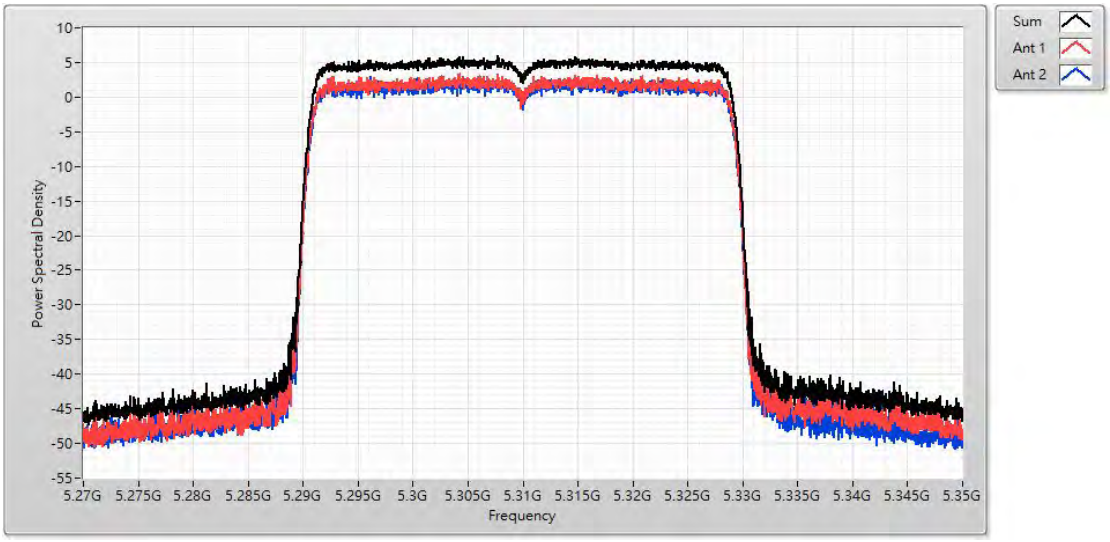
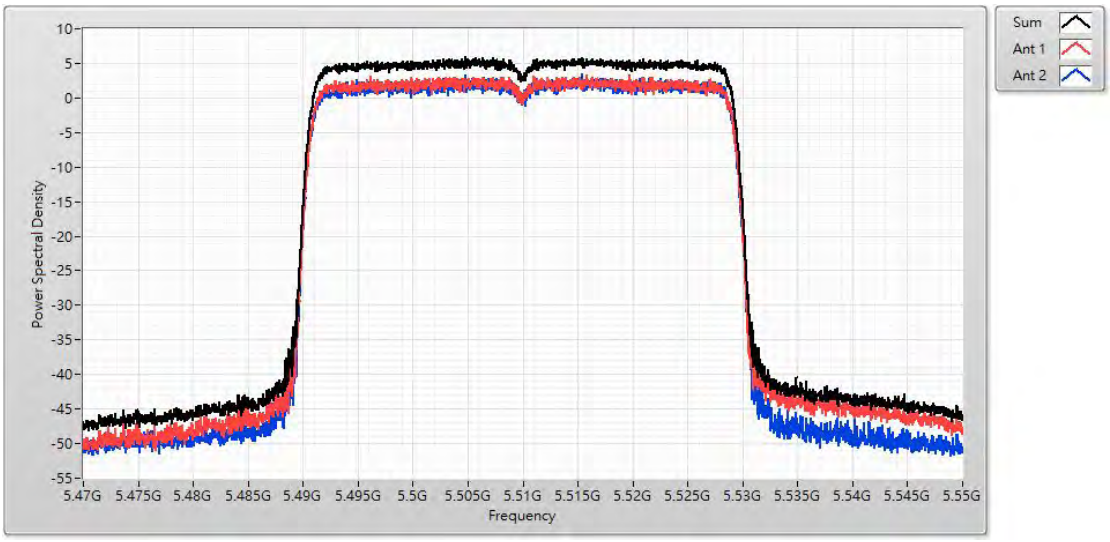
Channel 54 (5270MHz)



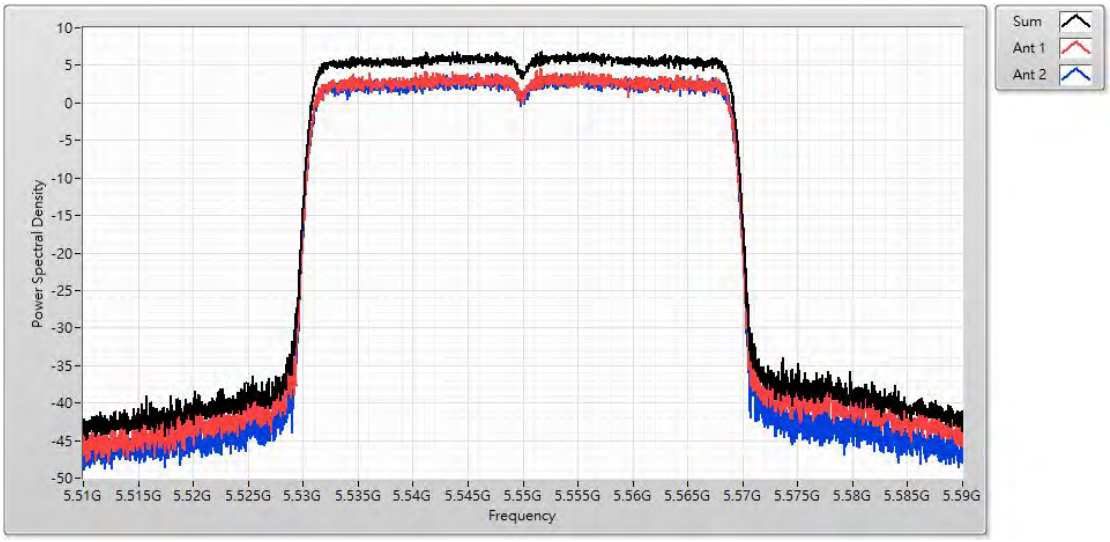
Channel 62 (5310MHz)



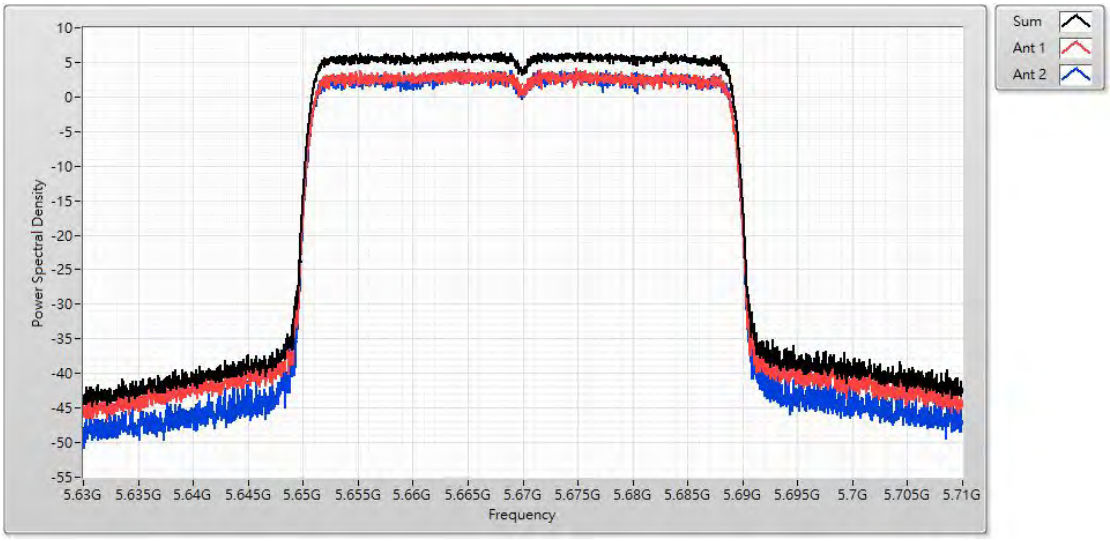
Channel 102 (5510MHz)



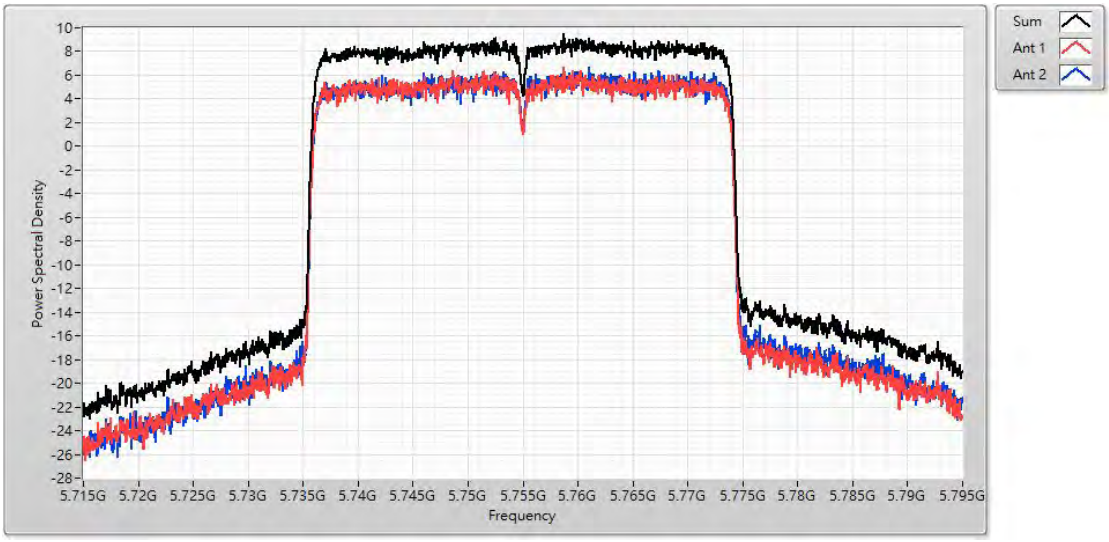
Channl 110 (5550MHz)



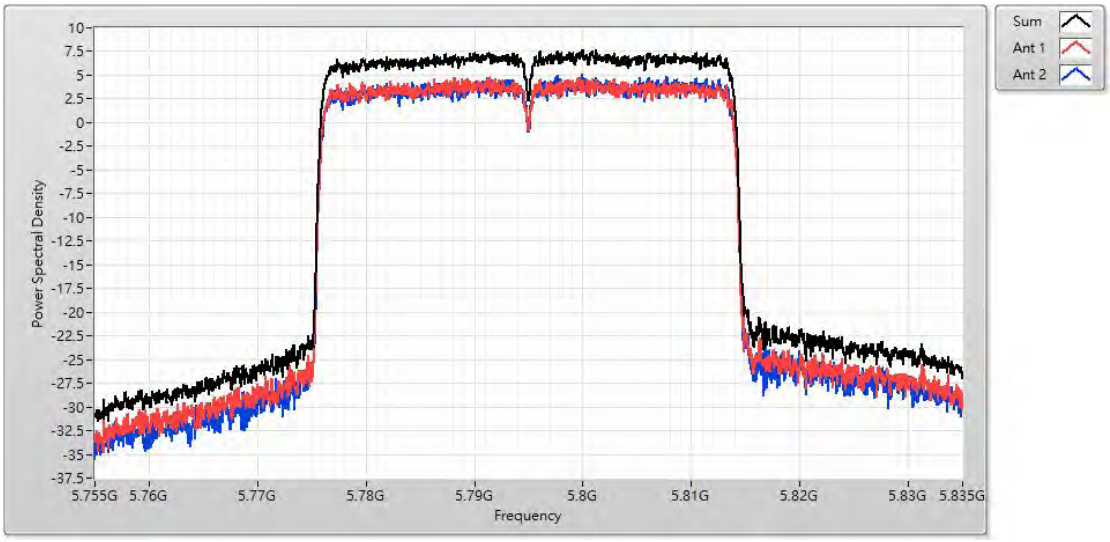
Channel 134 (5670MHz)



Channel 151 (5755MHz)



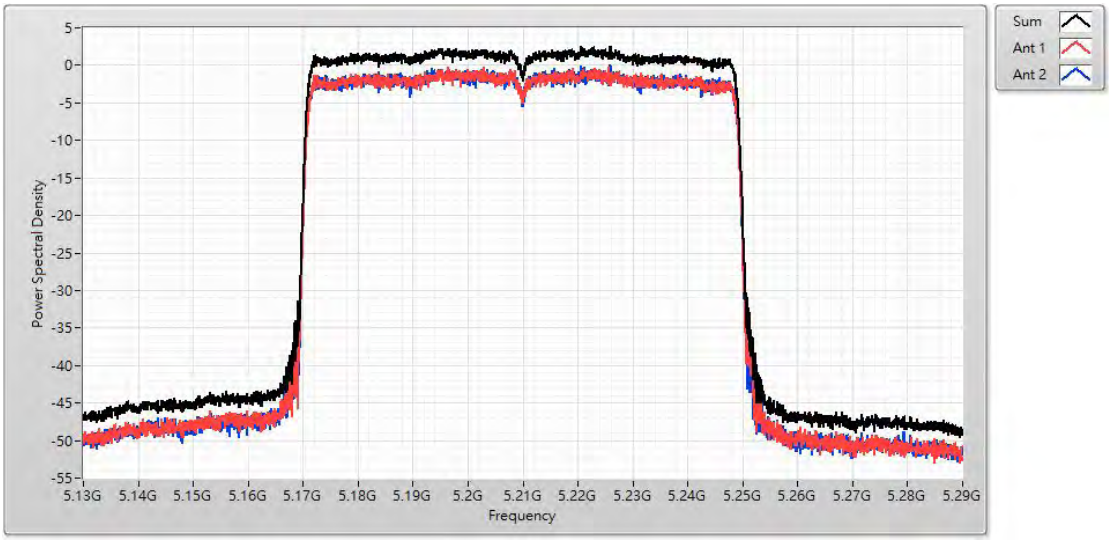
Channel 159 (5795MHz)



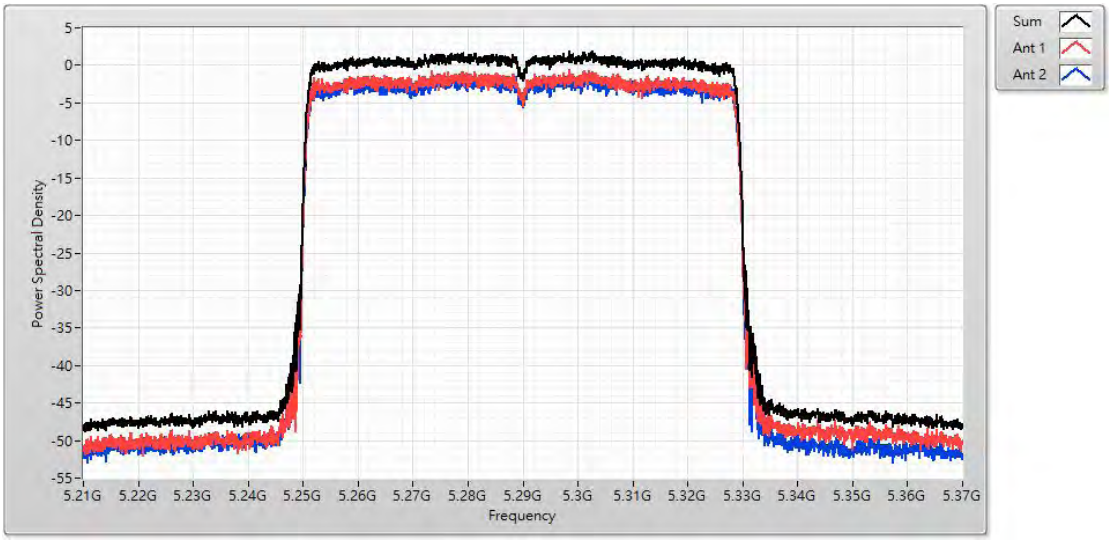
Product	Mesh Wi-Fi Router		
Test Item	Maximum power spectral density		
Test Mode	Mode 3: Transmit_BF		
Date of Test	2021/01/27	Test Site	SR12-H
Temperature (°C)	20.0	Humidity (%RH)	67.0

IEEE 802.11ax (80MHz)					
5GHz UNII 1:					
Channel No.	Frequency (MHz)	Measure Level (dBm)			Limit (dBm)
		Ant. 0	Ant. 1	Total	
42	5210	-0.240	0.120	2.590	≦14.955
5GHz UNII 2A:					
Channel No.	Frequency (MHz)	Measure Level (dBm)			Limit (dBm)
		Ant. 0	Ant. 1	Total	
58	5290	-0.510	-1.100	1.970	≦8.955
5GHz UNII 2C:					
Channel No.	Frequency (MHz)	Measure Level (dBm)			Limit (dBm)
		Ant. 0	Ant. 1	Total	
106	5530	0.370	0.080	2.590	≦8.955
122	5610	1.740	1.230	4.220	≦8.955
5GHz UNII 3:					
Channel No.	Frequency (MHz)	Measure Level (dBm)			Limit (dBm)
		Ant. 0	Ant. 1	Total	
155	5775	-0.800	-1.160	1.750	≦27.955

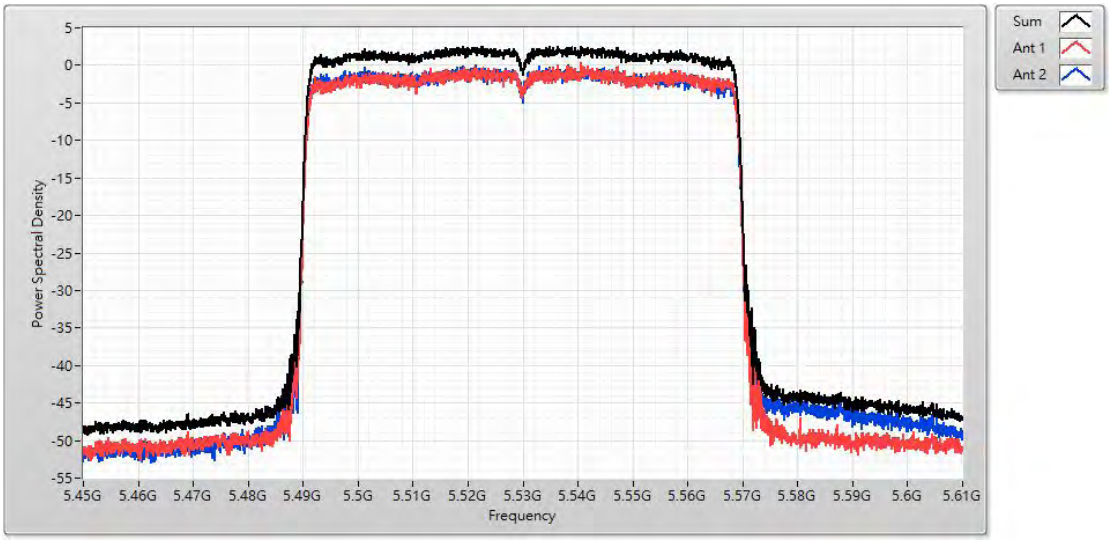
Channel 42 (5210MHz)



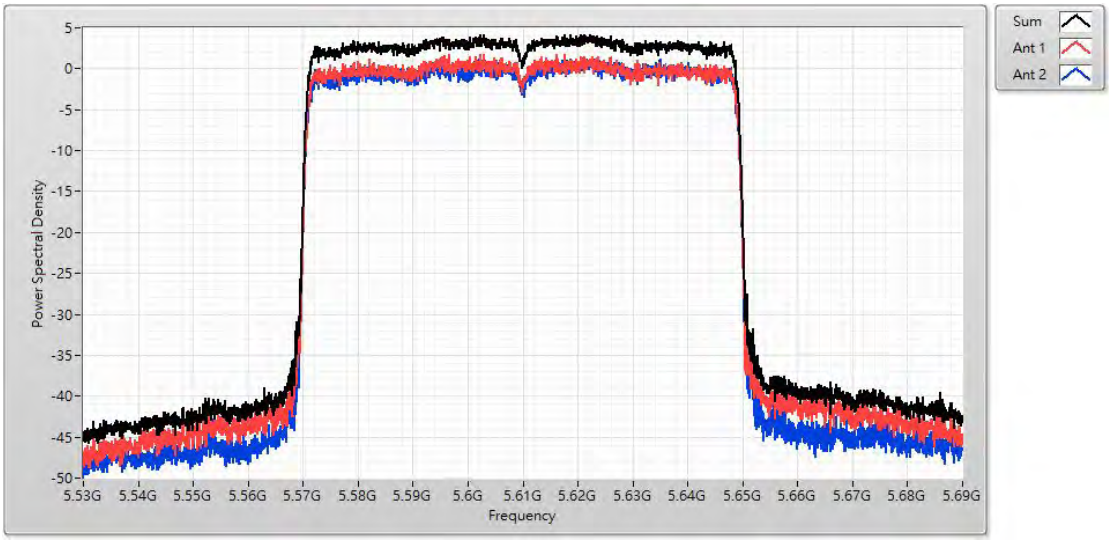
Channel 58 (5290MHz)



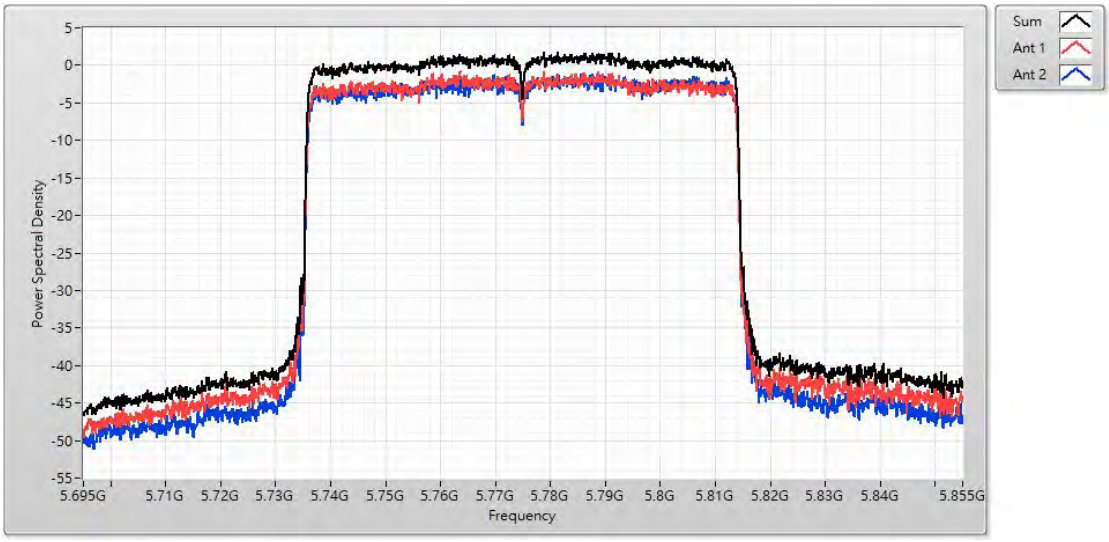
Channel 106 (5530MHz)



Channel 122 (5610MHz)



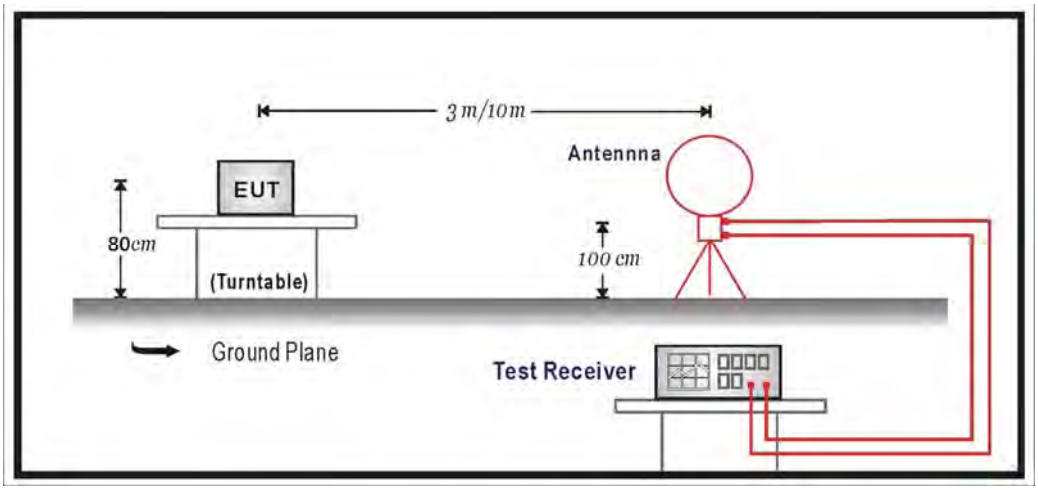
Channel 155 (5775MHz)



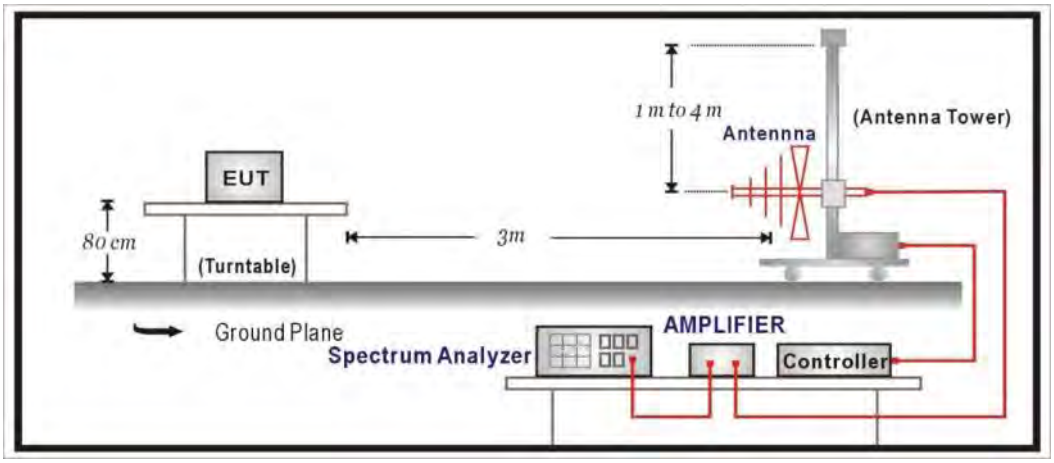
6. Radiated Emission

6.1. Test Setup

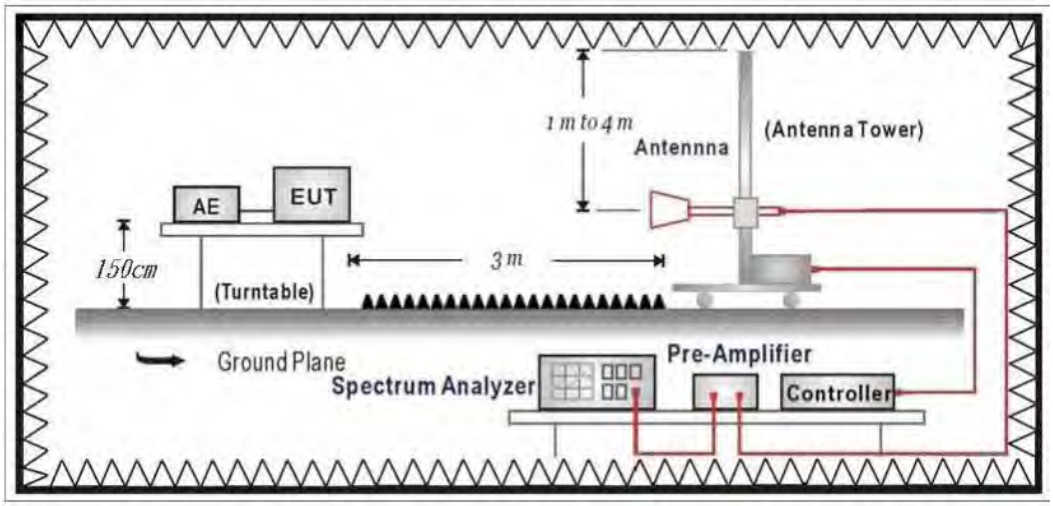
Under 30MHz Test Setup:



Under 1GHz Test Setup:



Above 1GHz Test Setup:



6.2. Limits

➢ General Radiated Emission Limits

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section. Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	uV/m @3m	dBuV/m@3m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

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

➢ Unwanted Emission out of the restricted bands Limits

FCC Part 15 Subpart C Paragraph 15.407(b) Limits		
Frequency (MHz)	EIRP Limit (dBm)	Equivalent Field Strength (dBuV/m@3m)
5150 - 5250	-27	68.3
5250 - 5350	-27	68.3
5470 - 5725	-27	68.3
5725 - 5850	-27 (Note1)	68.3
	-17 (Note2)	78.3

Remark:
1. For frequencies more than 10 MHz above or below the band edges.
2. For frequency range from the band edges to 10 MHz above or below the band edges.
3. uV/m = $\frac{1000000\sqrt{30\times EIRP}}{3}$, RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

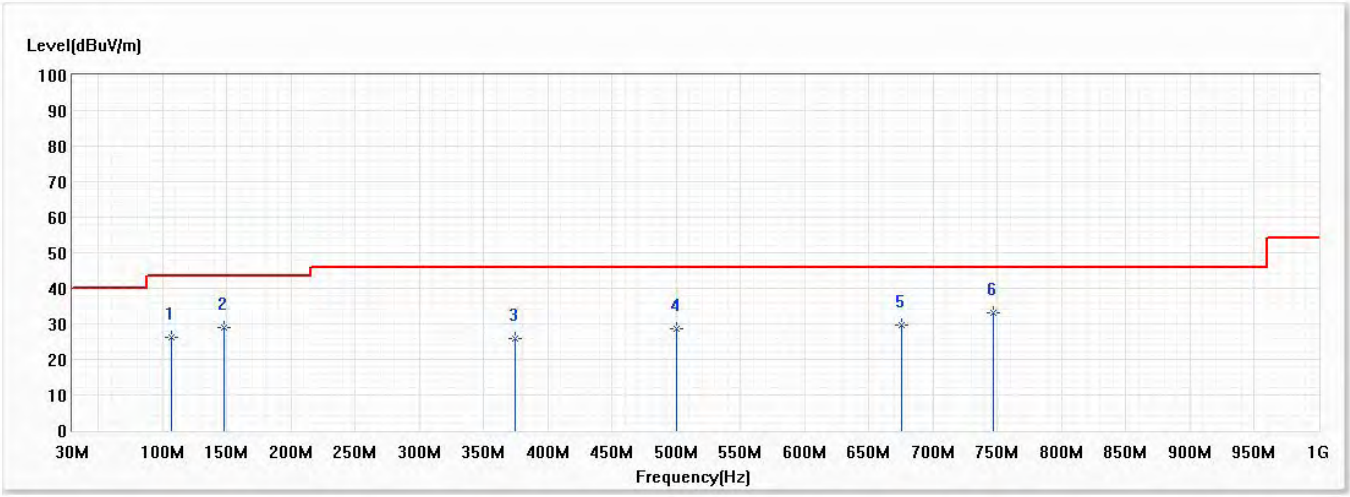
6.3. Test Procedure

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.
The additional latch filter below 1GHz was used to measure the level of harmonics radiated emission during field dtrength of harmonics measurement.
The bandwidth below 1GHz setting on the field strength meter is 120 KHz, above 1GHz are 1 MHz.
The frequency range from 30MHz to 10th harminics is checked.

6.4. Test Result

30MHz-1GHz Spurious

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/2/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Scott Chang
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11a, Ch157,5.785G,BW20M	Humidity (%RH)	53.9



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	107.115	26.19	43.50	-17.31	29.82	-3.63	QP
2	148.340	28.83	43.50	-14.67	32.25	-3.42	QP
3	374.835	25.90	46.00	-20.10	24.69	1.21	QP
4	499.965	28.64	46.00	-17.36	24.86	3.78	QP
5	675.050	29.62	46.00	-16.38	23.77	5.85	QP
* 6	746.830	33.21	46.00	-12.79	26.53	6.68	QP

Note:

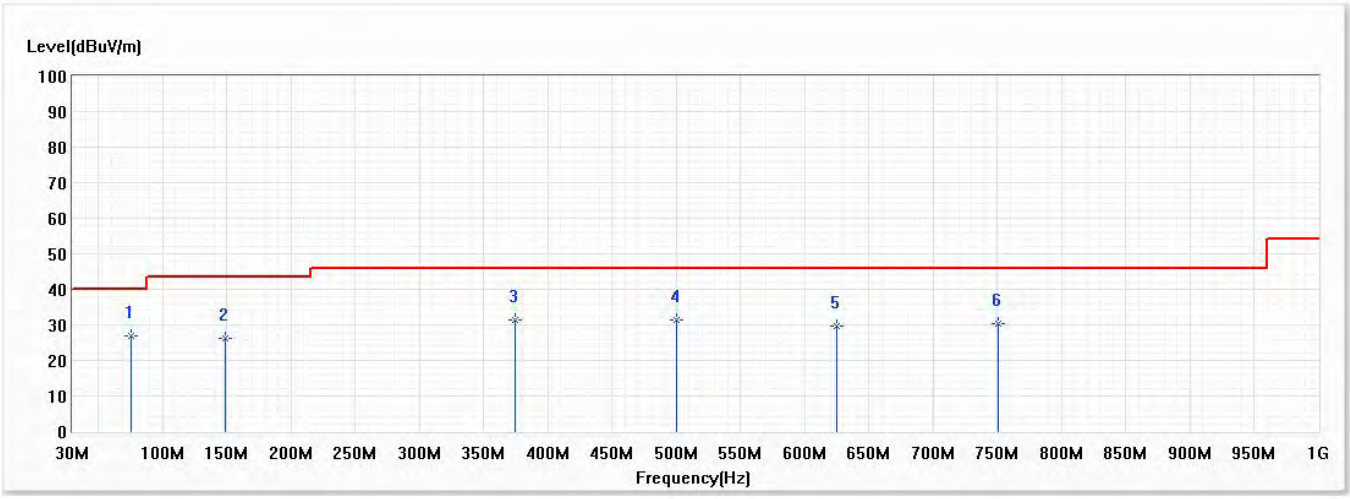
1. All reading levels is Quasi-Peak value.

2. “ * ”, means this data is the worst value.

3. Emission Level = Reading Level + Correct Factor

4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/2/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Scott Chang
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11a, Ch157,5.785G,BW20M	Humidity (%RH)	53.9



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	76.075	27.01	40.00	-12.99	35.16	-8.15	QP
2	149.310	26.10	43.50	-17.40	29.57	-3.47	QP
3	374.835	31.39	46.00	-14.61	30.18	1.21	QP
4	499.965	31.53	46.00	-14.47	27.75	3.78	QP
5	625.095	29.75	46.00	-16.25	24.41	5.34	QP
6	750.225	30.29	46.00	-15.71	23.57	6.72	QP

Note:

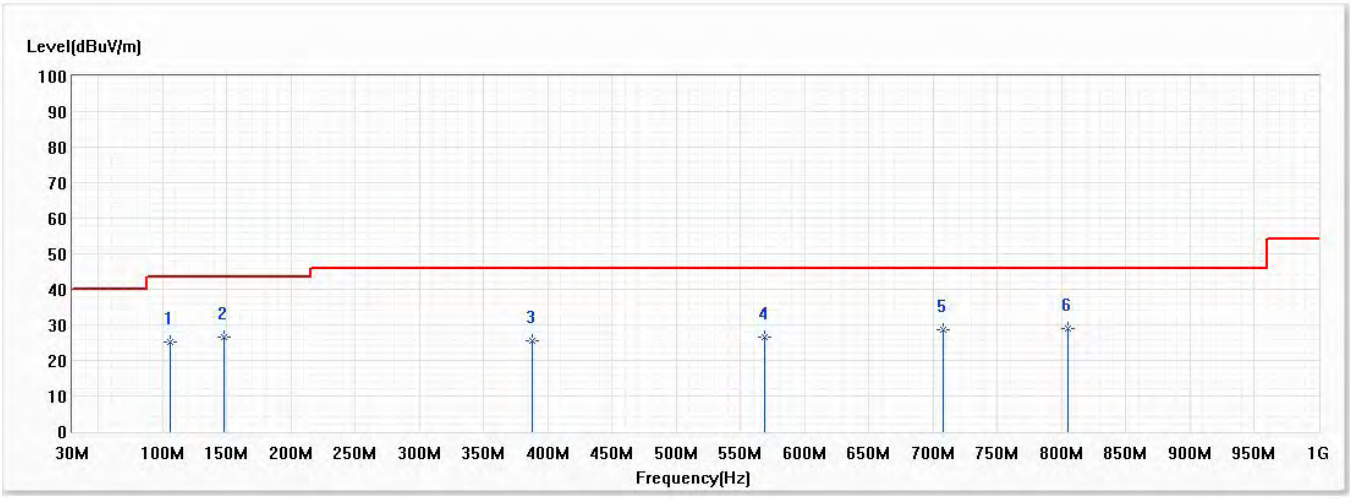
1. All reading levels is Quasi-Peak value.

2. “ * ”, means this data is the worst value.

3. Emission Level = Reading Level + Correct Factor

4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/2/19
Test Mode	Mode 2: Transmit_Non-BF_EBM552	Engineer	Scott Chang
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11a, Ch157,5.785G,BW20M	Humidity (%RH)	53.9



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	106.145	25.23	43.50	-18.27	28.97	-3.74	QP
2	148.340	26.49	43.50	-17.01	29.91	-3.42	QP
3	387.445	25.45	46.00	-20.55	23.82	1.63	QP
4	568.350	26.38	46.00	-19.62	21.72	4.66	QP
5	708.030	28.62	46.00	-17.38	22.43	6.19	QP
* 6	804.545	29.02	46.00	-16.98	21.62	7.40	QP

Note:

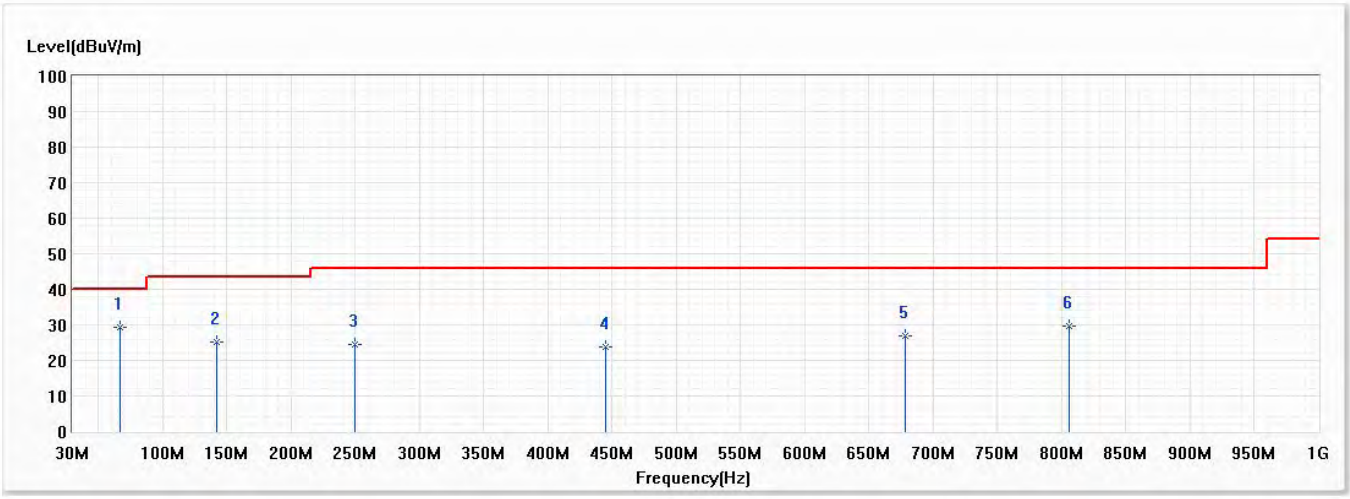
1. All reading levels is Quasi-Peak value.

2. “ * ”, means this data is the worst value.

3. Emission Level = Reading Level + Correct Factor

4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/2/19
Test Mode	Mode 2: Transmit_Non-BF_EBM552	Engineer	Scott Chang
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11a, Ch157,5.785G,BW20M	Humidity (%RH)	53.9



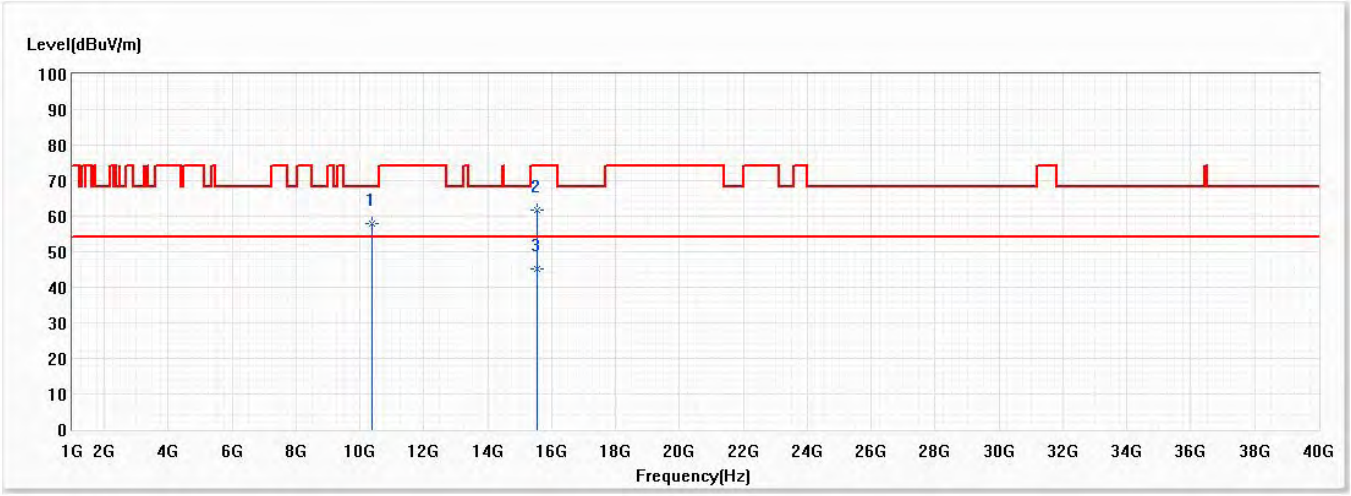
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	66.860	29.29	40.00	-10.71	38.00	-8.71	QP
2	142.035	25.28	43.50	-18.22	28.30	-3.02	QP
3	249.705	24.47	46.00	-21.53	26.56	-2.09	QP
4	444.675	23.85	46.00	-22.15	21.01	2.84	QP
5	678.445	26.76	46.00	-19.24	20.88	5.88	QP
6	805.515	29.60	46.00	-16.40	22.18	7.42	QP

Note:

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

Harmonic & Spurious:

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11a,,Ch36,5.18G,BW20M	Humidity (%RH)	53.9

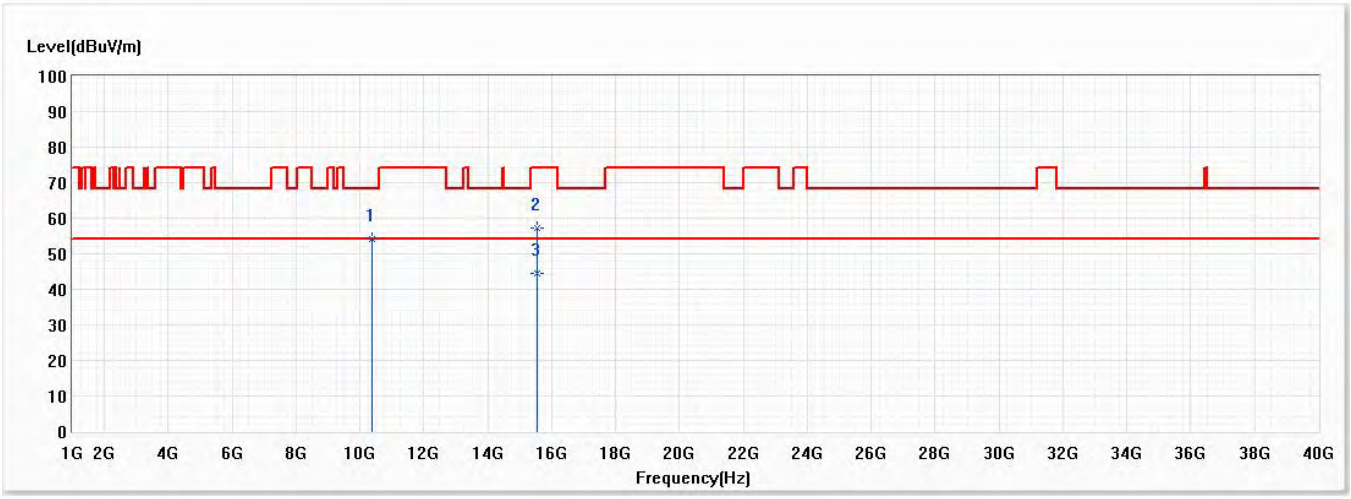


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10360.000	57.83	68.20	-10.37	57.49	0.34	PK
2	15540.000	61.76	74.00	-12.24	57.49	4.27	PK
* 3	15540.000	45.33	54.00	-8.67	41.06	4.27	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11a,,Ch36,5.18G,BW20M	Humidity (%RH)	53.9

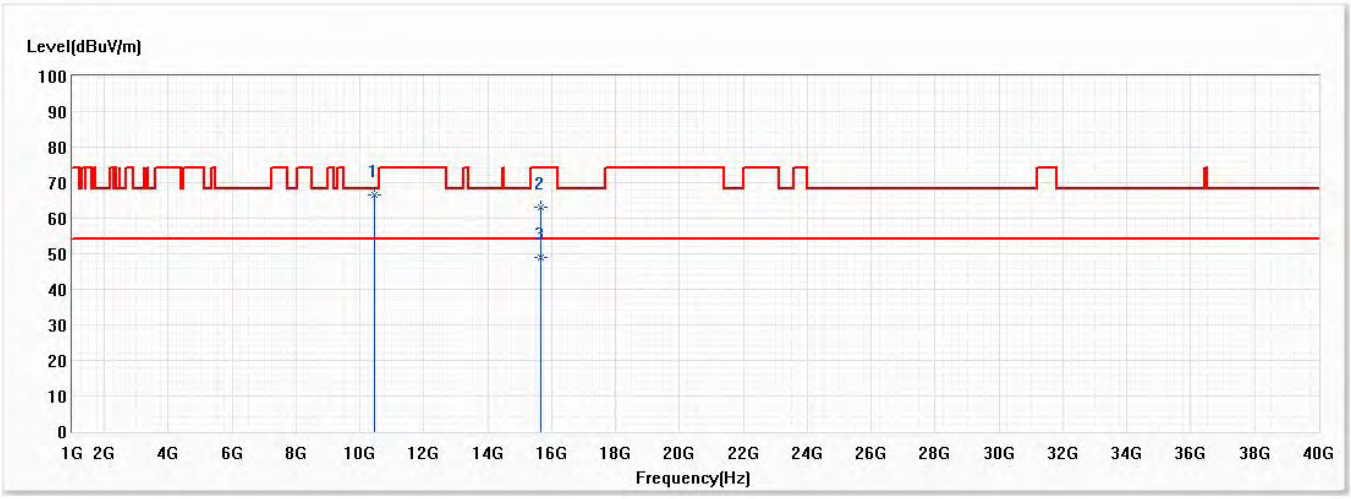


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10360.000	53.97	68.20	-14.23	53.63	0.34	PK
2	15540.000	57.17	74.00	-16.83	52.90	4.27	PK
* 3	15540.000	44.36	54.00	-9.64	40.09	4.27	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11a,Ch44,5.22G,BW20M	Humidity (%RH)	53.9

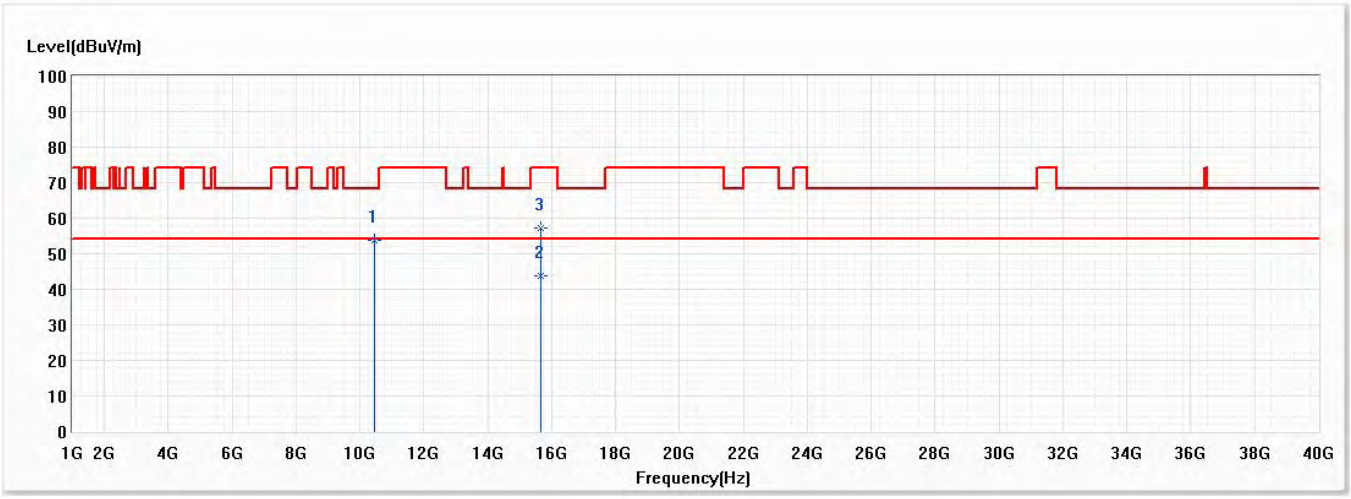


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	10440.000	66.44	68.20	-1.76	65.75	0.69	PK
2	15660.000	62.96	74.00	-11.04	59.01	3.95	PK
3	15660.000	48.93	54.00	-5.07	44.98	3.95	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11a,Ch44,5.22G,BW20M	Humidity (%RH)	53.9

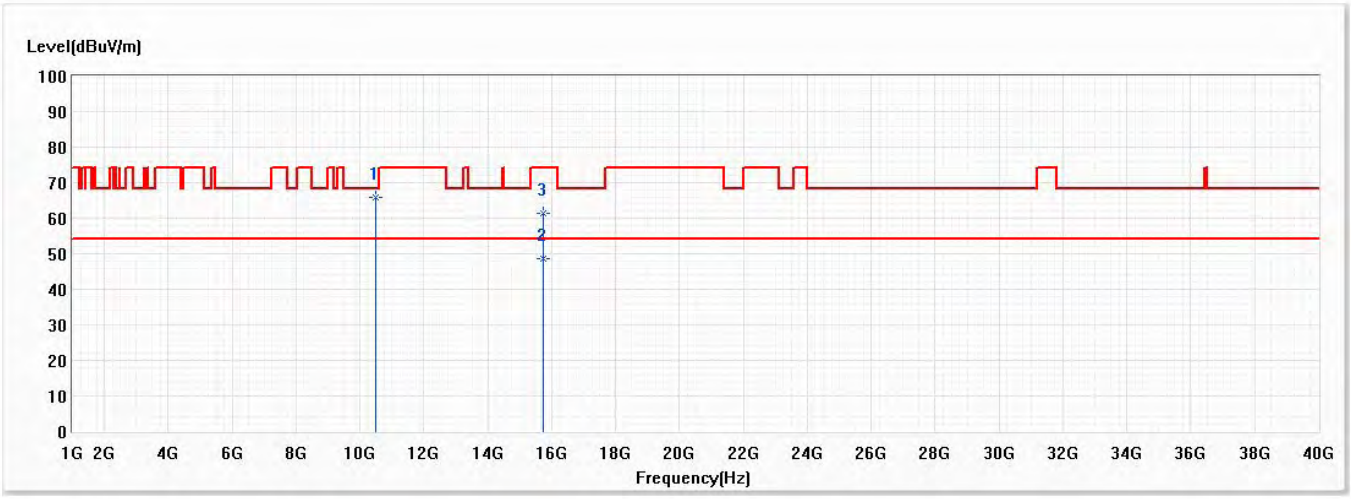


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10440.000	53.84	68.20	-14.36	53.15	0.69	PK
* 2	15660.000	43.81	54.00	-10.19	39.86	3.95	AV
3	15660.000	57.19	74.00	-16.81	53.24	3.95	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11a,Ch48,5.24G,BW20M	Humidity (%RH)	53.9

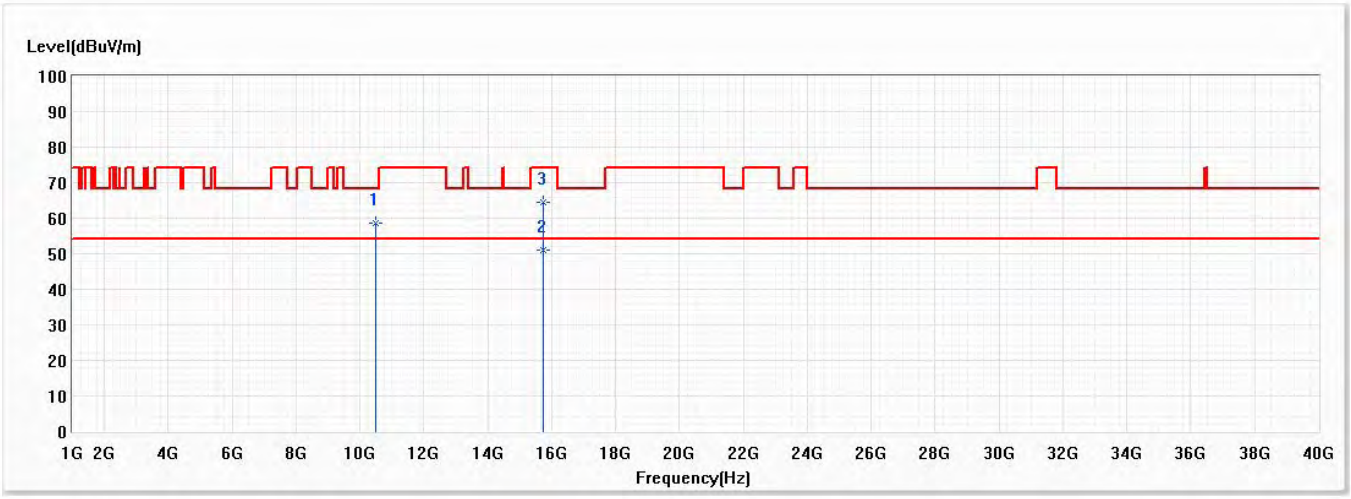


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	10480.000	65.81	68.20	-2.39	64.95	0.86	PK
2	15720.000	48.53	54.00	-5.47	44.73	3.80	AV
3	15720.000	61.48	74.00	-12.52	57.68	3.80	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11a,Ch48,5.24G,BW20M	Humidity (%RH)	53.9

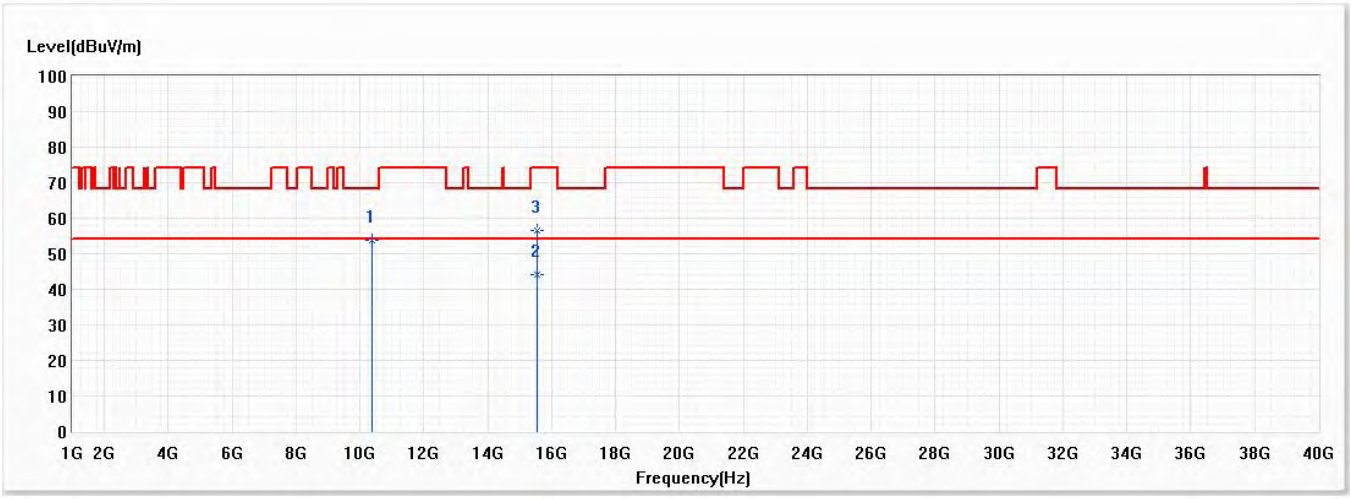


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10480.000	58.65	68.20	-9.55	57.79	0.86	PK
* 2	15720.000	50.95	54.00	-3.05	47.15	3.80	AV
3	15720.000	64.54	74.00	-9.46	60.74	3.80	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch36,5.18G,BW20M	Humidity (%RH)	53.9

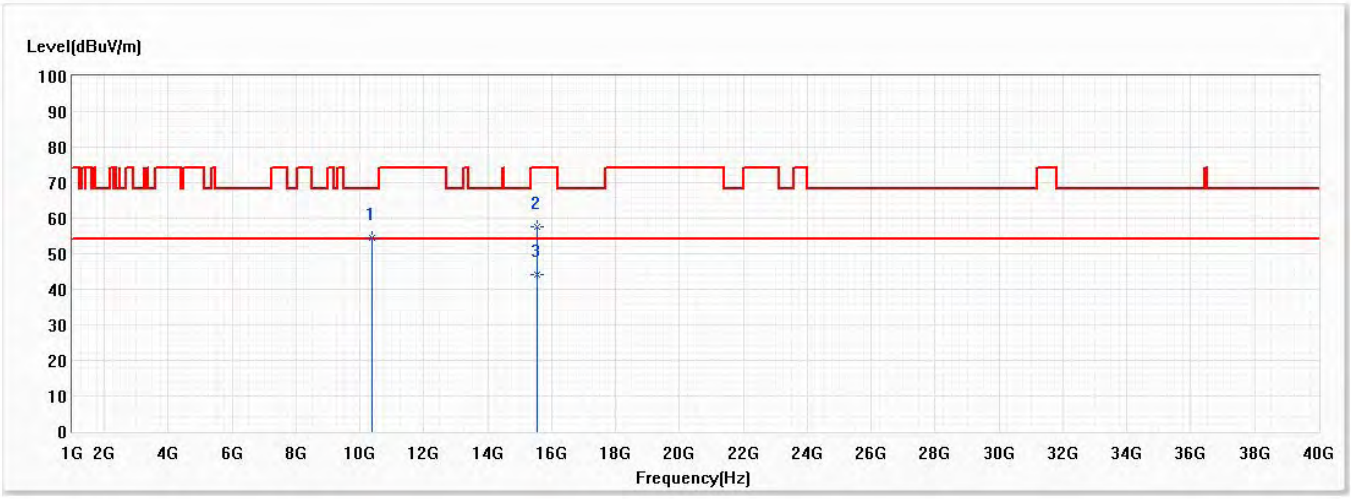


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10360.000	53.81	68.20	-14.39	53.47	0.34	PK
* 2	15540.000	44.16	54.00	-9.84	39.89	4.27	AV
3	15540.000	56.52	74.00	-17.48	52.25	4.27	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch36,5.18G,BW20M	Humidity (%RH)	53.9

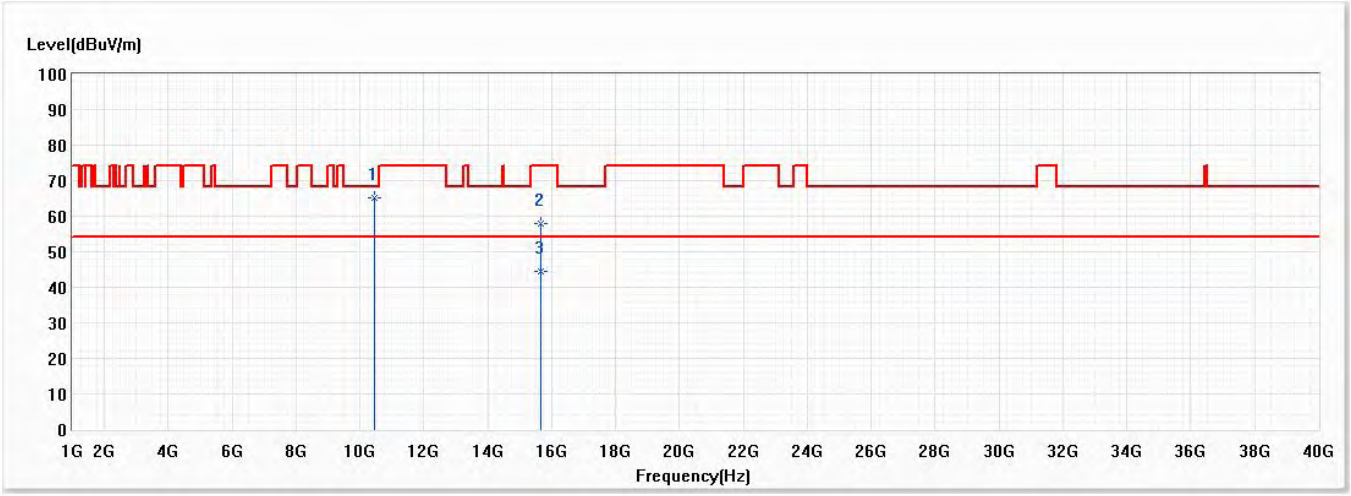


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10360.000	54.61	68.20	-13.59	54.27	0.34	PK
2	15540.000	57.58	74.00	-16.42	53.31	4.27	PK
* 3	15540.000	44.23	54.00	-9.77	39.96	4.27	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch44,5.22G,BW20M	Humidity (%RH)	53.9

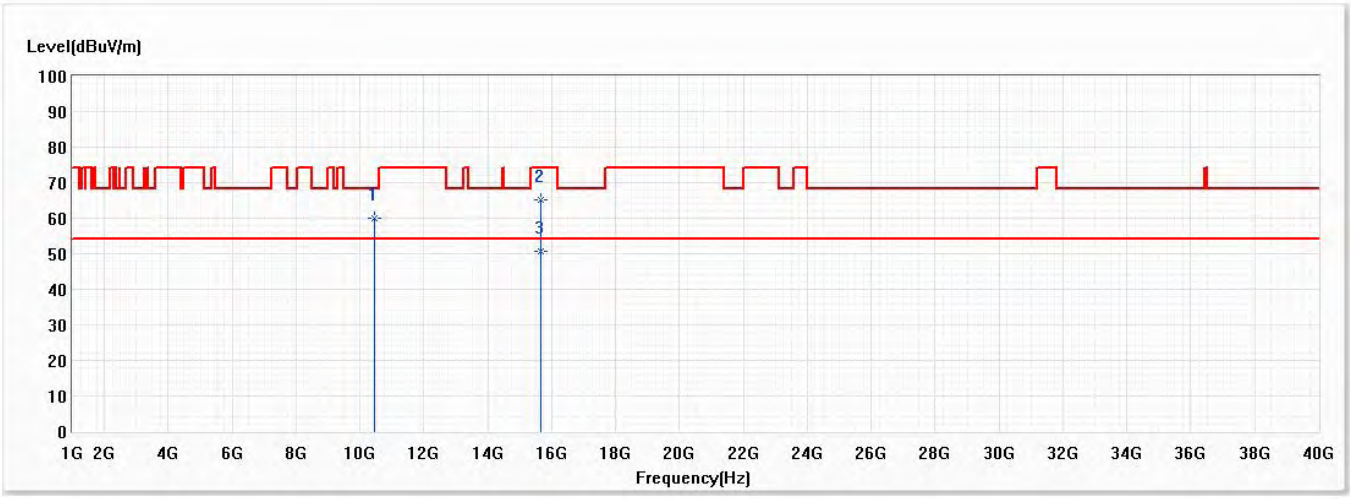


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	10440.000	65.14	68.20	-3.06	64.45	0.69	PK
2	15660.000	57.91	74.00	-16.09	53.96	3.95	PK
3	15660.000	44.32	54.00	-9.68	40.37	3.95	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch44,5.22G,BW20M	Humidity (%RH)	53.9

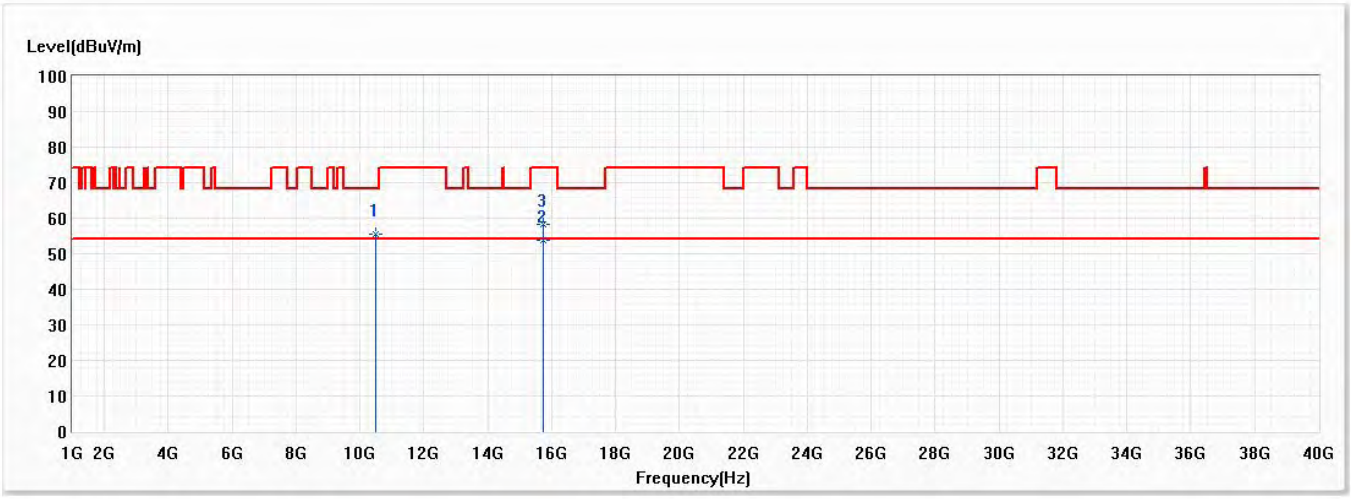


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10440.000	60.17	68.20	-8.03	59.48	0.69	PK
2	15660.000	65.06	74.00	-8.94	61.11	3.95	PK
* 3	15660.000	50.69	54.00	-3.31	46.74	3.95	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch48,5.24G,BW20M	Humidity (%RH)	53.9

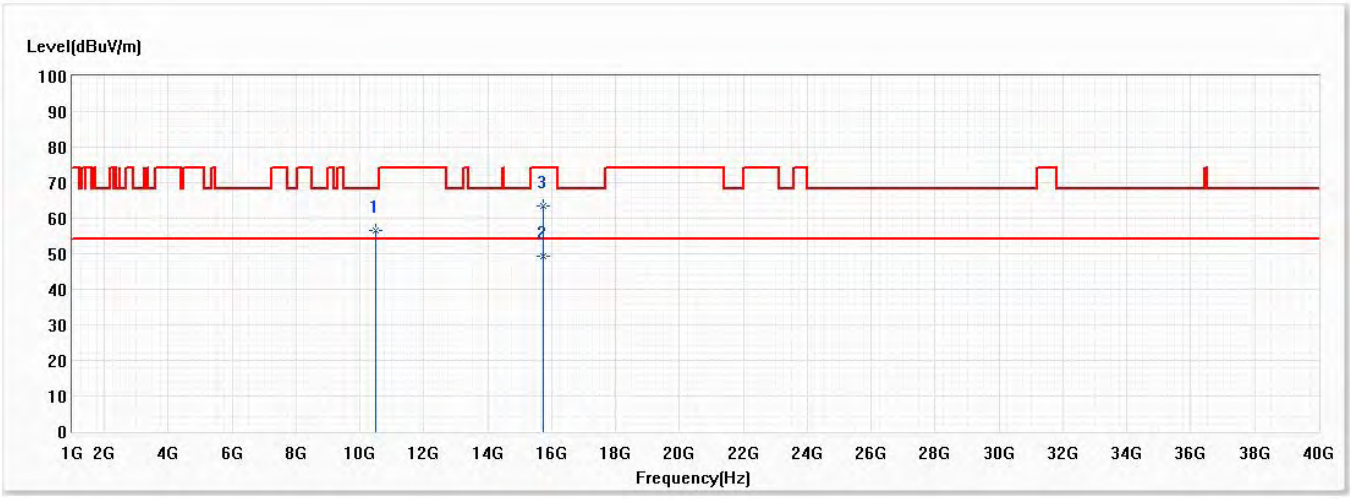


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10480.000	55.63	68.20	-12.57	54.77	0.86	PK
* 2	15720.000	53.95	54.00	-0.05	50.15	3.80	AV
3	15720.000	58.26	74.00	-15.74	54.46	3.80	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch48,5.24G,BW20M	Humidity (%RH)	53.9

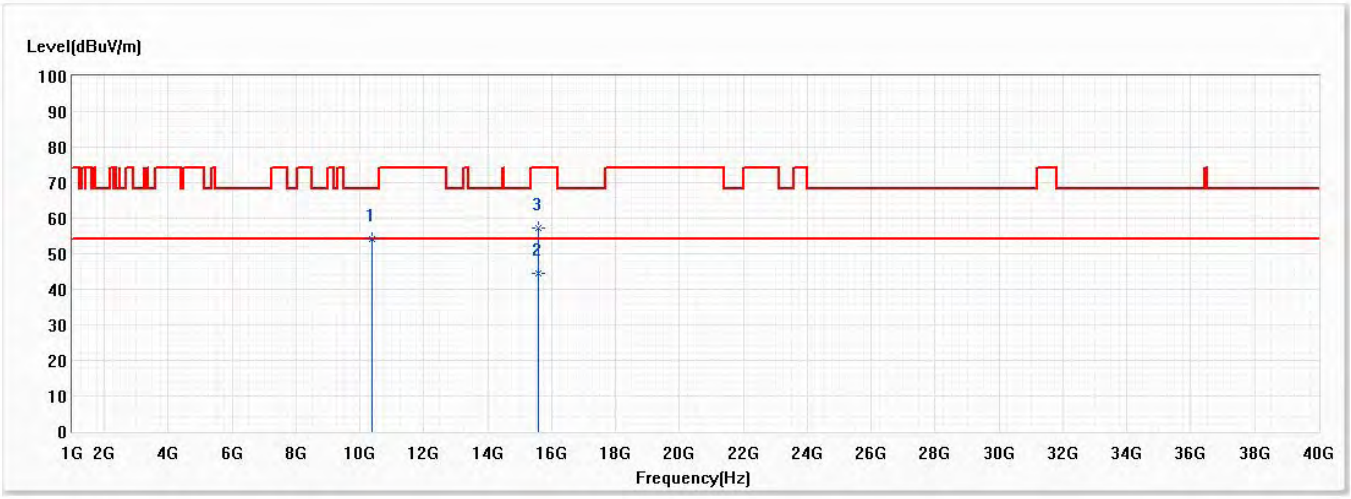


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10480.000	56.39	68.20	-11.81	55.53	0.86	PK
* 2	15720.000	49.24	54.00	-4.76	45.44	3.80	AV
3	15720.000	63.58	74.00	-10.42	59.78	3.80	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax40,Ch38,5.19G,BW40M	Humidity (%RH)	53.9

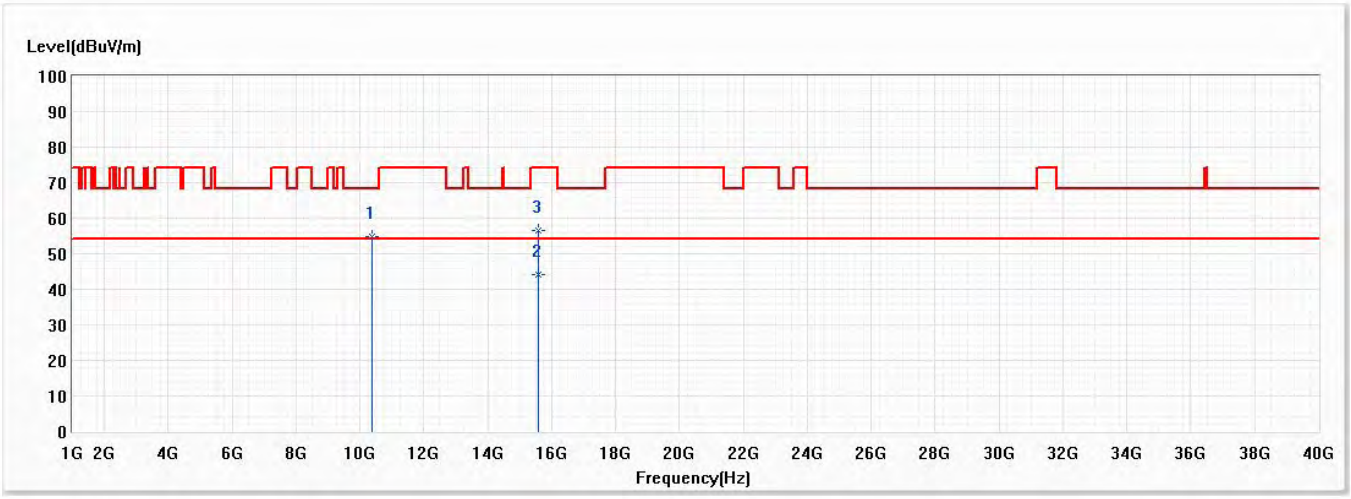


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10380.000	54.31	68.20	-13.89	53.87	0.44	PK
* 2	15570.000	44.57	54.00	-9.43	40.38	4.19	AV
3	15570.000	57.20	74.00	-16.80	53.01	4.19	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax40,Ch38,5.19G,BW40M	Humidity (%RH)	53.9

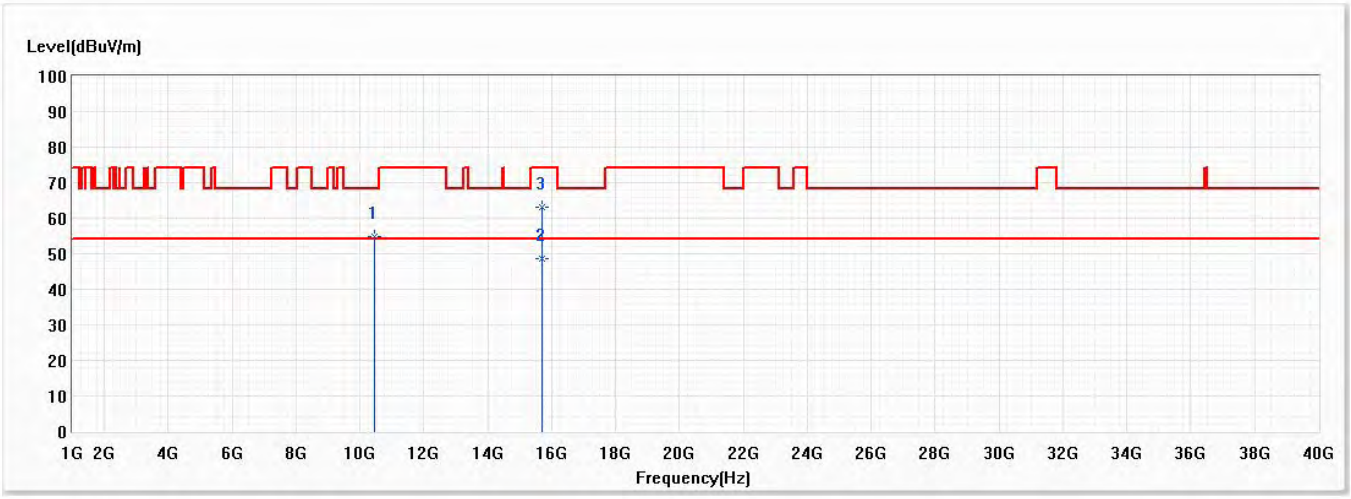


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10380.000	54.83	68.20	-13.37	54.39	0.44	PK
* 2	15570.000	44.30	54.00	-9.70	40.11	4.19	AV
3	15570.000	56.72	74.00	-17.28	52.53	4.19	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax40,Ch46,5.23G,BW40M	Humidity (%RH)	53.9

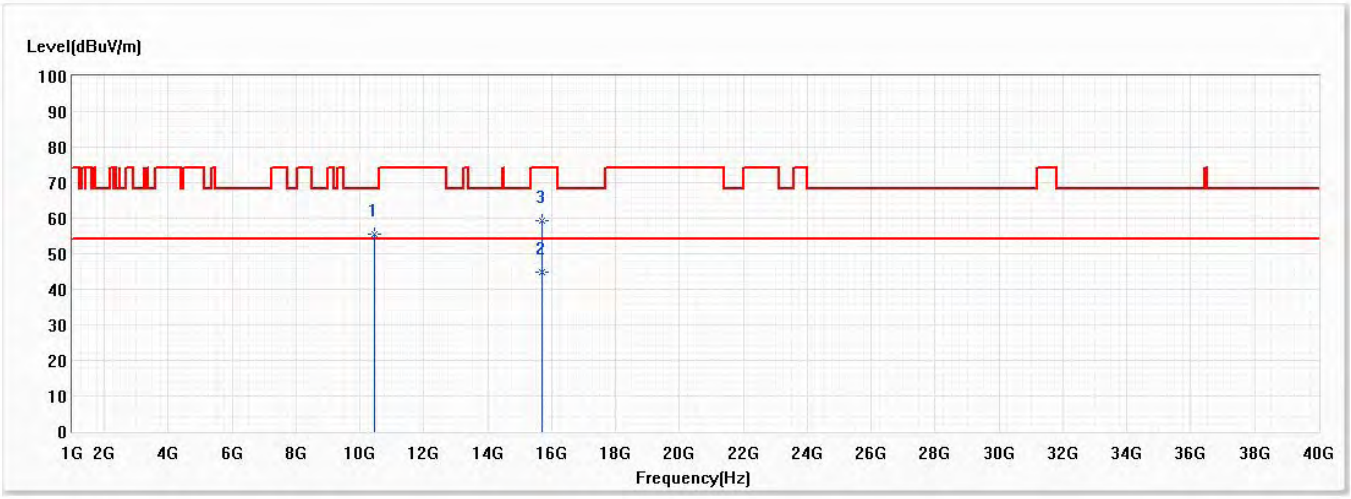


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10460.000	54.66	68.20	-13.54	53.90	0.76	PK
* 2	15690.000	48.66	54.00	-5.34	44.78	3.88	AV
3	15690.000	63.04	74.00	-10.96	59.16	3.88	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax40,Ch46,5.23G,BW40M	Humidity (%RH)	53.9

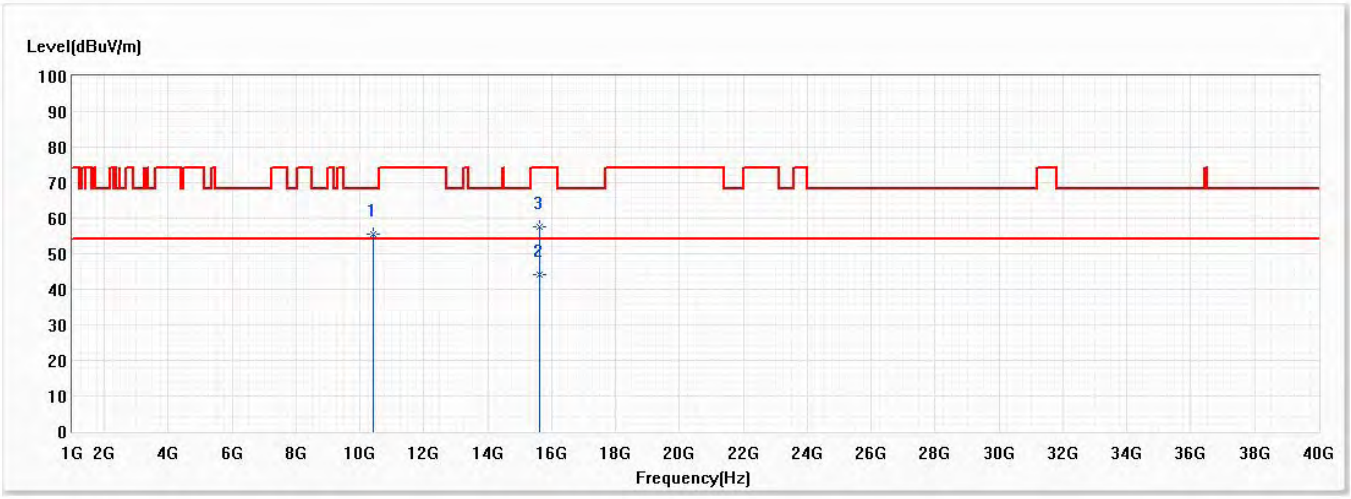


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10460.000	55.38	68.20	-12.82	54.62	0.76	PK
* 2	15690.000	44.94	54.00	-9.06	41.06	3.88	AV
3	15690.000	59.20	74.00	-14.80	55.32	3.88	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax80,Ch42,5.21G,BW80M	Humidity (%RH)	53.9

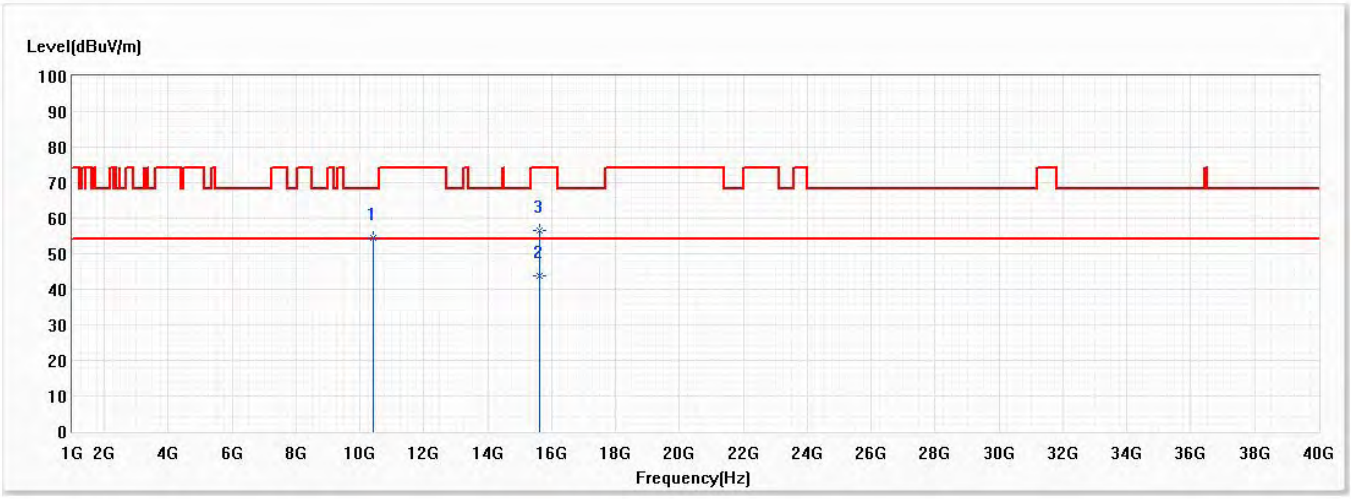


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10420.000	55.44	68.20	-12.76	54.83	0.61	PK
* 2	15630.000	44.20	54.00	-9.80	40.17	4.03	AV
3	15630.000	57.59	74.00	-16.41	53.56	4.03	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax80,Ch42,5.21G,BW80M	Humidity (%RH)	53.9

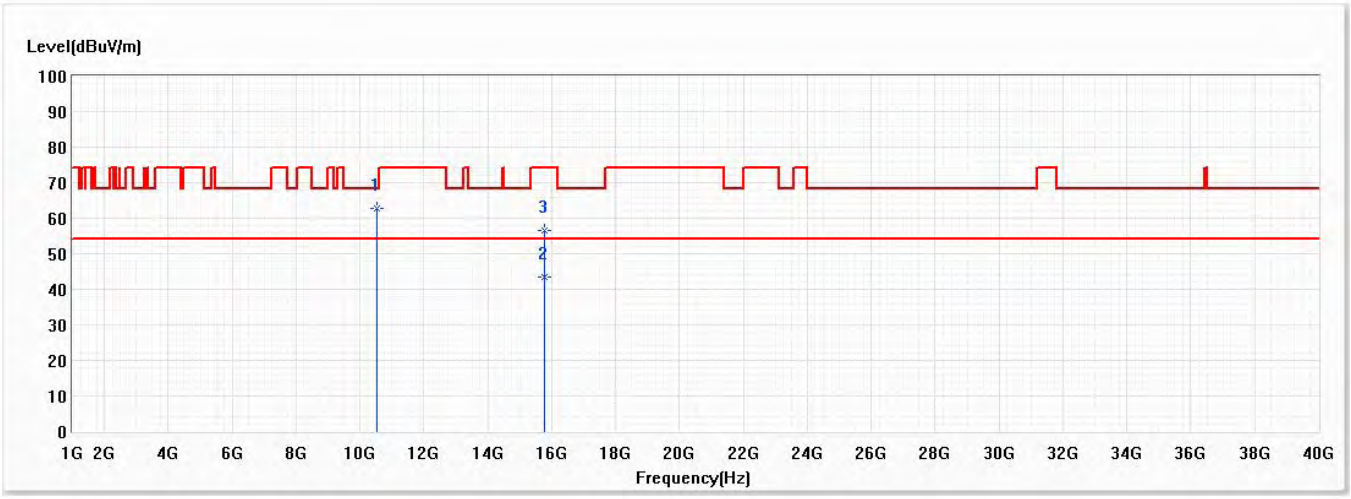


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10420.000	54.56	68.20	-13.64	53.95	0.61	PK
* 2	15630.000	43.83	54.00	-10.17	39.80	4.03	AV
3	15630.000	56.59	74.00	-17.41	52.56	4.03	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11a,Ch52,5.26G,BW20M	Humidity (%RH)	53.9

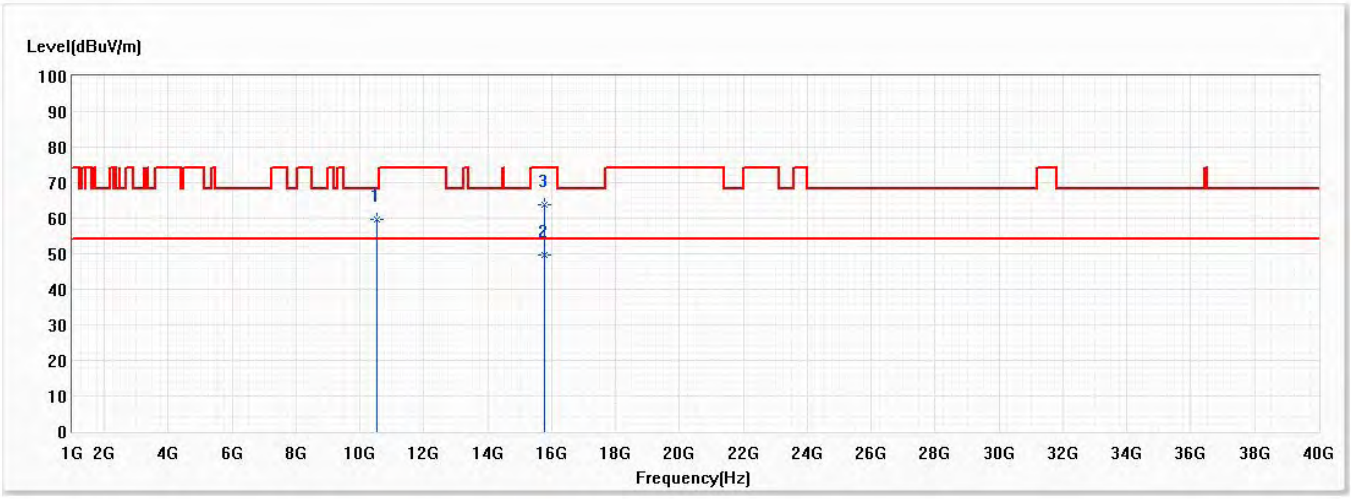


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	10520.000	62.84	68.20	-5.36	61.86	0.98	PK
2	15780.000	43.53	54.00	-10.47	39.89	3.64	AV
3	15780.000	56.71	74.00	-17.29	53.07	3.64	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11a,Ch52,5.26G,BW20M	Humidity (%RH)	53.9

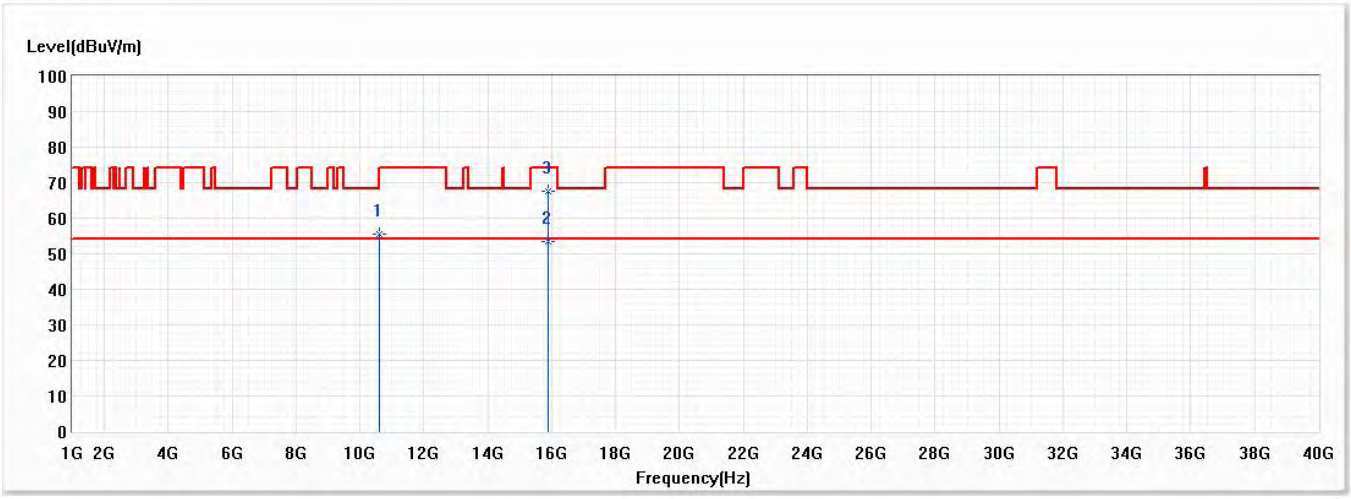


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10520.000	59.81	68.20	-8.39	58.83	0.98	PK
* 2	15780.000	49.68	54.00	-4.32	46.04	3.64	AV
3	15780.000	63.77	74.00	-10.23	60.13	3.64	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11a,Ch60,5.3G,BW20M	Humidity (%RH)	53.9

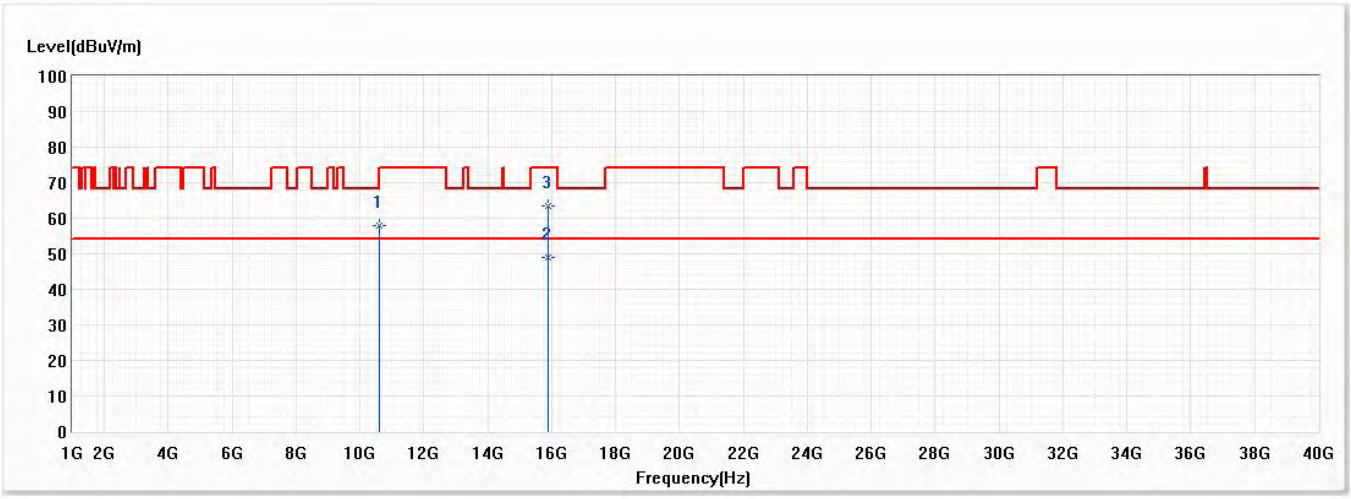


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10600.000	55.60	68.20	-12.60	54.47	1.13	PK
* 2	15900.000	53.58	54.00	-0.42	50.25	3.33	AV
3	15900.000	67.59	74.00	-6.41	64.26	3.33	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11a,Ch60,5.3G,BW20M	Humidity (%RH)	53.9

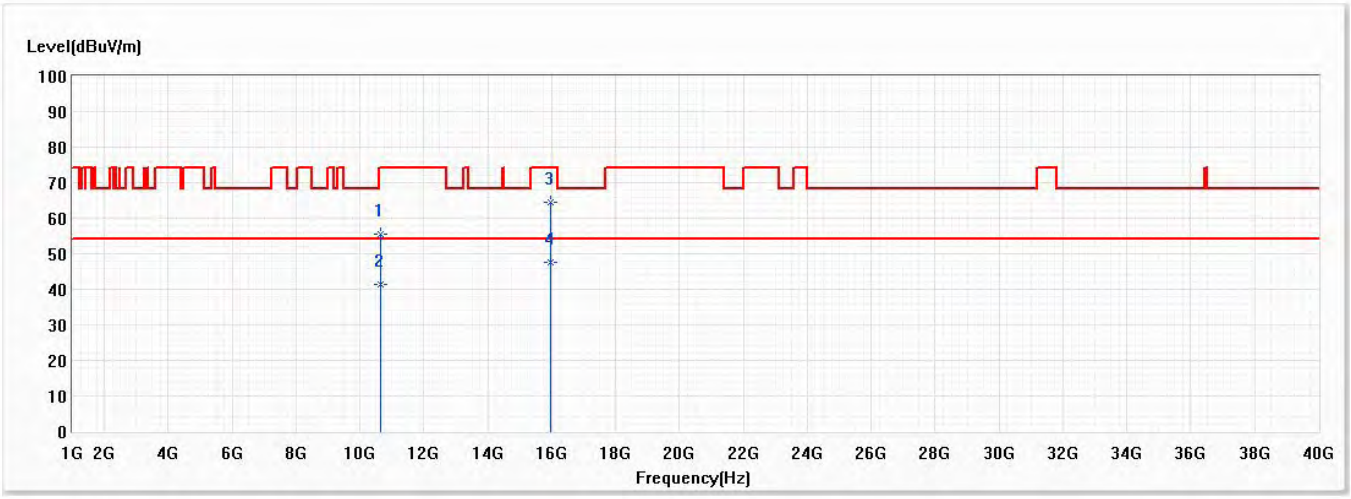


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10600.000	57.98	68.20	-10.22	56.85	1.13	PK
* 2	15900.000	49.12	54.00	-4.88	45.79	3.33	AV
3	15900.000	63.46	74.00	-10.54	60.13	3.33	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11a,Ch64,5.32G,BW20M	Humidity (%RH)	53.9

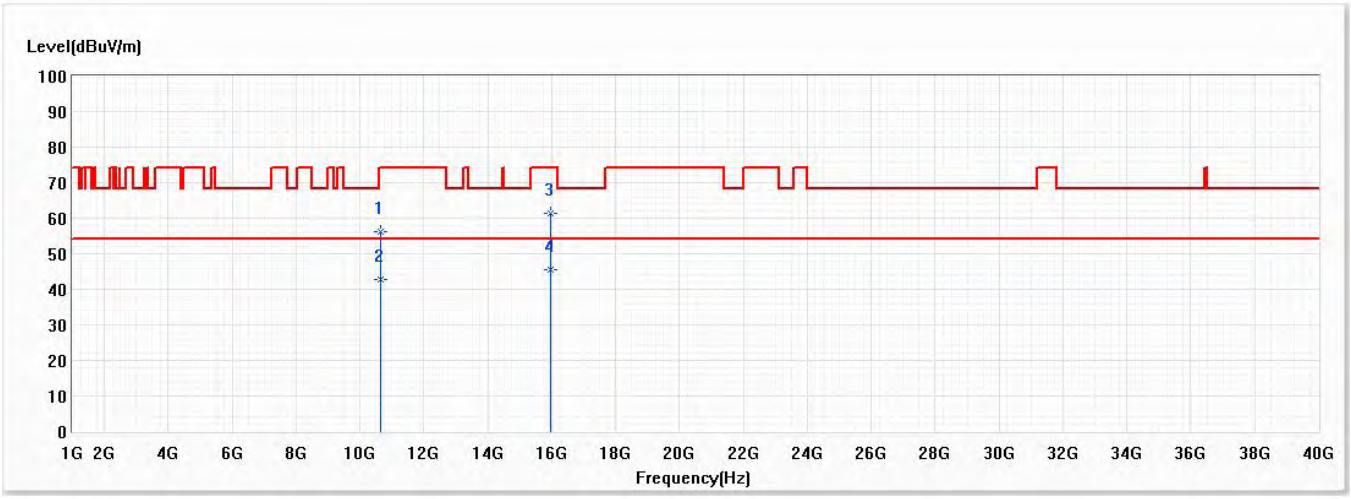


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10640.000	55.50	74.00	-18.50	54.29	1.21	PK
2	10640.000	41.46	54.00	-12.54	40.25	1.21	AV
3	15960.000	64.54	74.00	-9.46	61.36	3.18	PK
* 4	15960.000	47.43	54.00	-6.57	44.25	3.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11a,Ch64,5.32G,BW20M	Humidity (%RH)	53.9

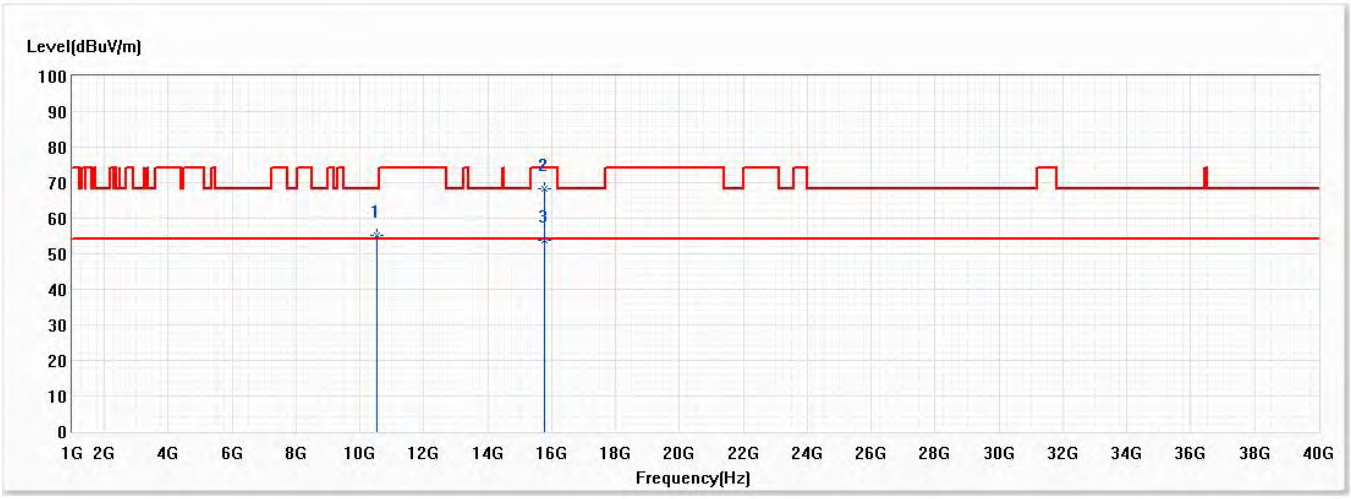


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10640.000	56.07	74.00	-17.93	54.86	1.21	PK
2	10640.000	42.62	54.00	-11.38	41.41	1.21	AV
3	15960.000	61.21	74.00	-12.79	58.03	3.18	PK
* 4	15960.000	45.39	54.00	-8.61	42.21	3.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch52,5.26G,BW20M	Humidity (%RH)	53.9

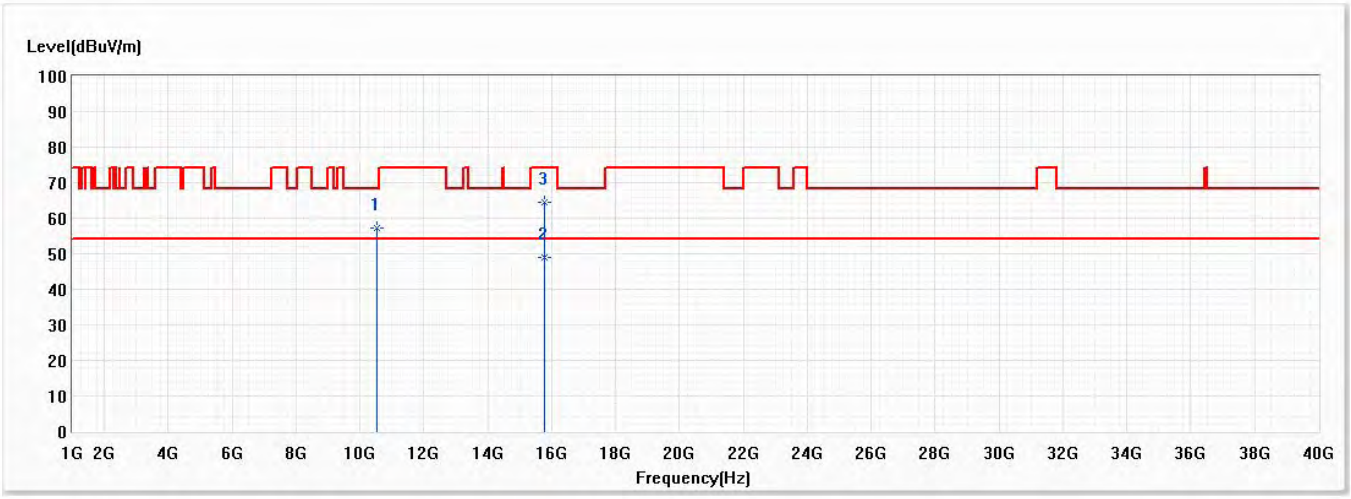


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10520.000	55.23	68.20	-12.97	54.25	0.98	PK
2	15780.000	68.25	74.00	-5.75	64.61	3.64	PK
* 3	15780.000	53.87	54.00	-0.13	50.23	3.64	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch52,5.26G,BW20M	Humidity (%RH)	53.9

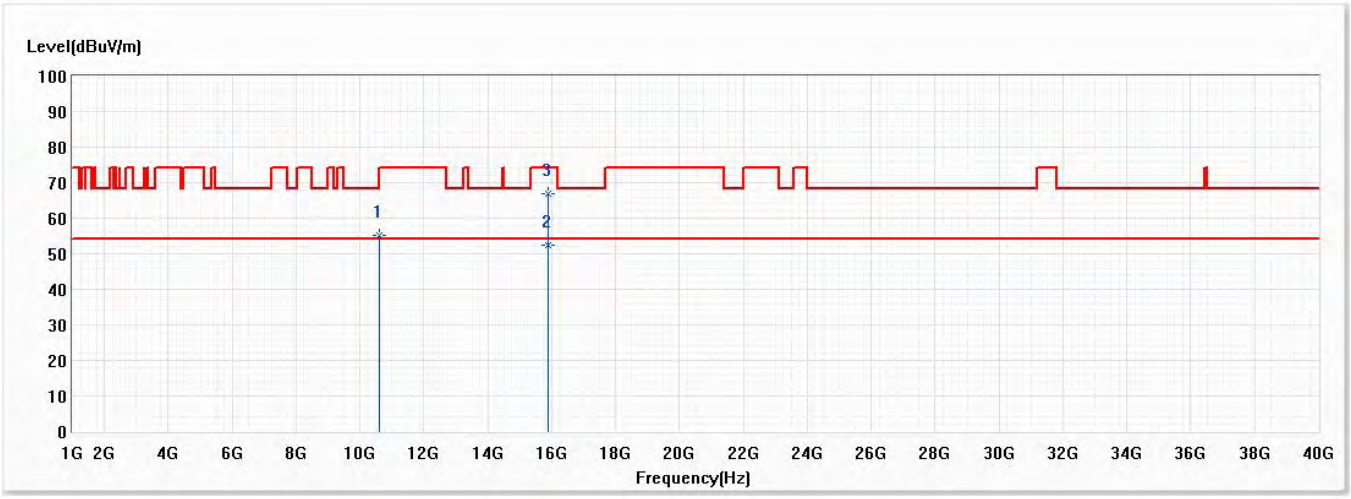


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10520.000	57.21	68.20	-10.99	56.23	0.98	PK
* 2	15780.000	48.99	54.00	-5.01	45.35	3.64	AV
3	15780.000	64.55	74.00	-9.45	60.91	3.64	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch60,5.3G,BW20M	Humidity (%RH)	53.9



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10600.000	55.23	68.20	-12.97	54.10	1.13	PK
* 2	15900.000	52.27	54.00	-1.73	48.94	3.33	AV
3	15900.000	67.05	74.00	-6.95	63.72	3.33	PK

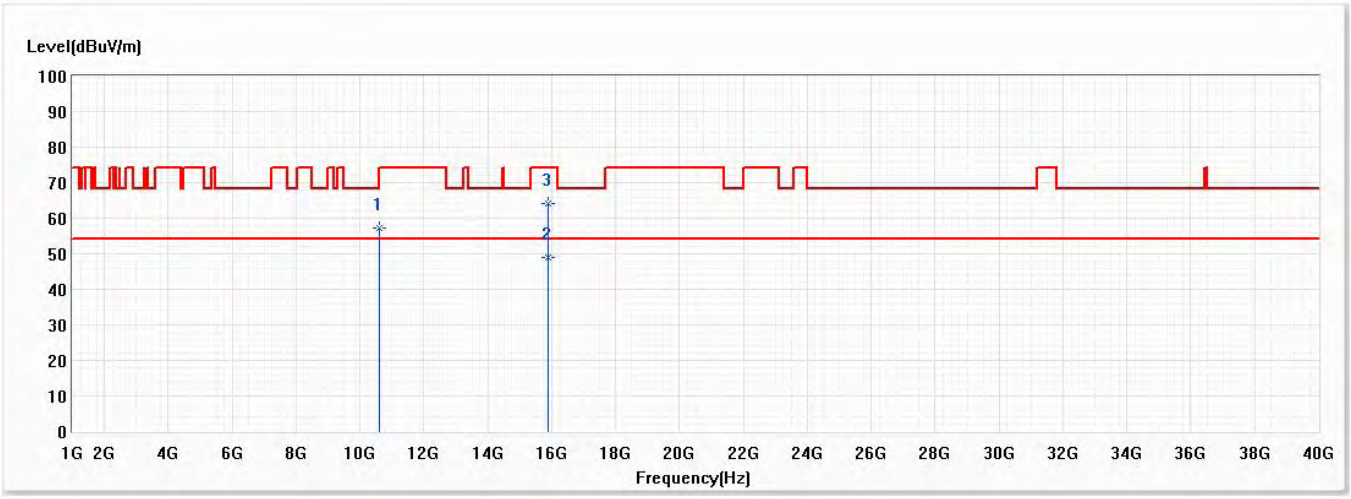
Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch60,5.3G,BW20M	Humidity (%RH)	53.9

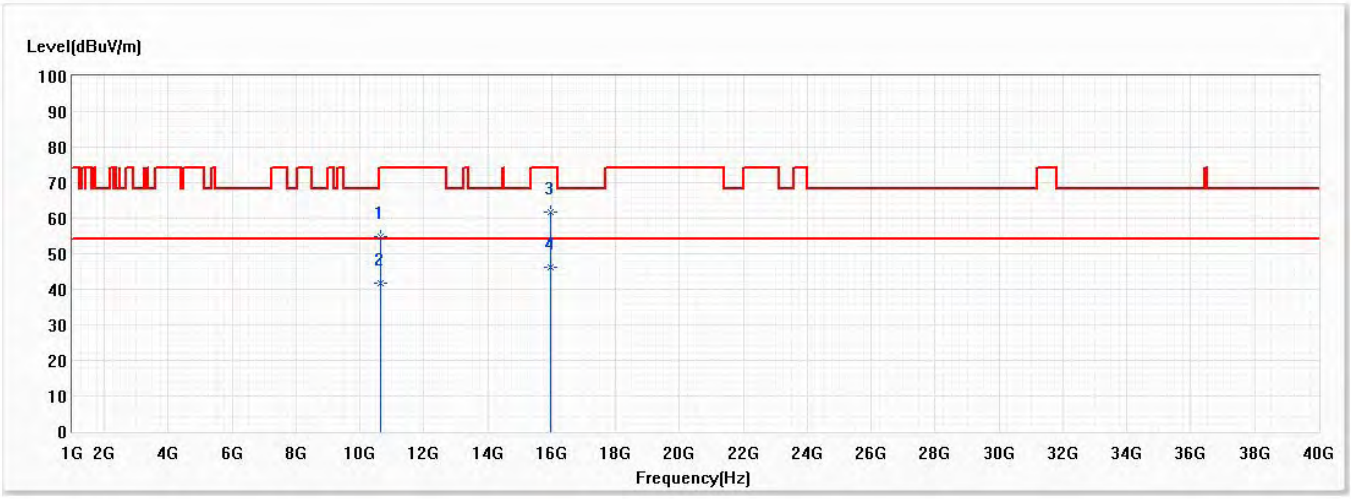


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10600.000	57.36	68.20	-10.84	56.23	1.13	PK
* 2	15900.000	48.89	54.00	-5.11	45.56	3.33	AV
3	15900.000	64.18	74.00	-9.82	60.85	3.33	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch64,5.32G,BW20M	Humidity (%RH)	53.9

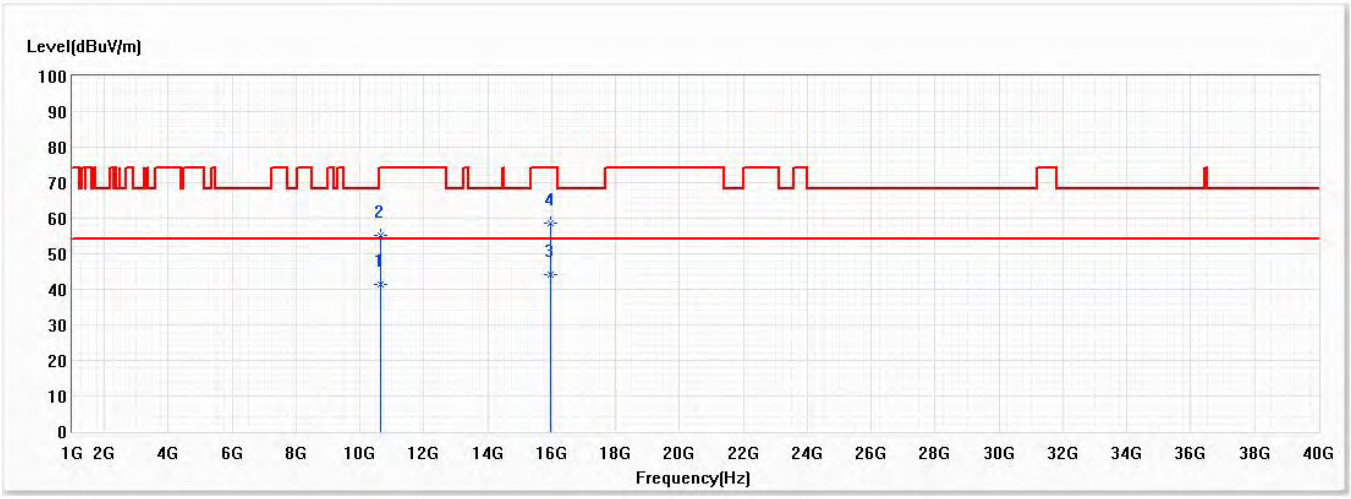


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10640.000	54.91	74.00	-19.09	53.70	1.21	PK
2	10640.000	41.60	54.00	-12.40	40.39	1.21	AV
3	15960.000	61.81	74.00	-12.19	58.63	3.18	PK
* 4	15960.000	46.06	54.00	-7.94	42.88	3.18	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch64,5.32G,BW20M	Humidity (%RH)	53.9

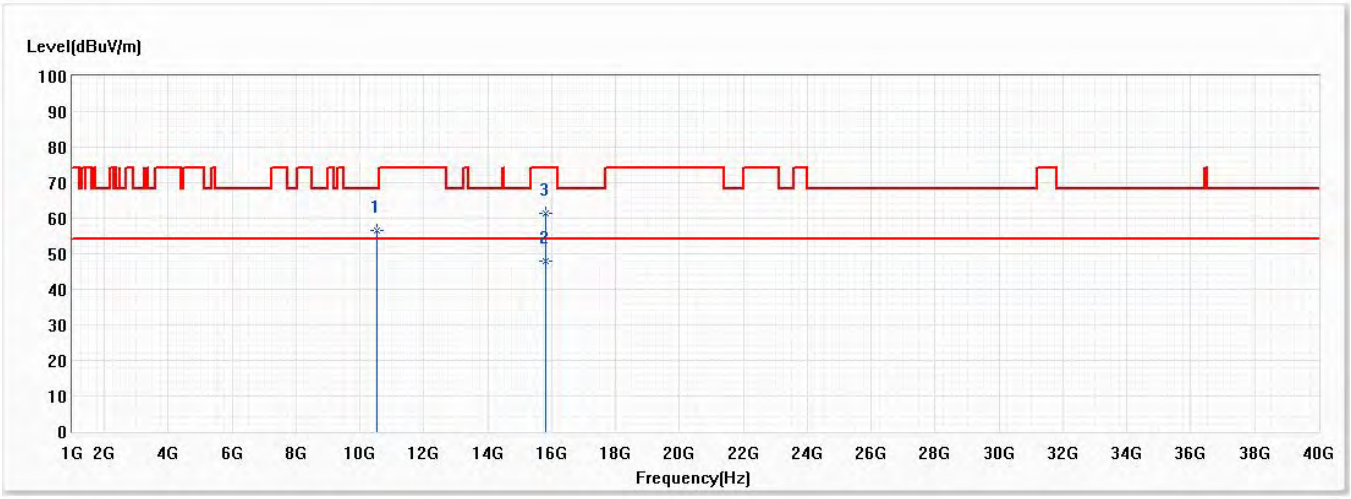


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10640.000	41.30	54.00	-12.70	40.09	1.21	AV
2	10640.000	55.08	74.00	-18.92	53.87	1.21	PK
* 3	15960.000	44.25	54.00	-9.75	41.07	3.18	AV
4	15960.000	58.77	74.00	-15.23	55.59	3.18	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax40,Ch54,5.27G,BW40M	Humidity (%RH)	53.9

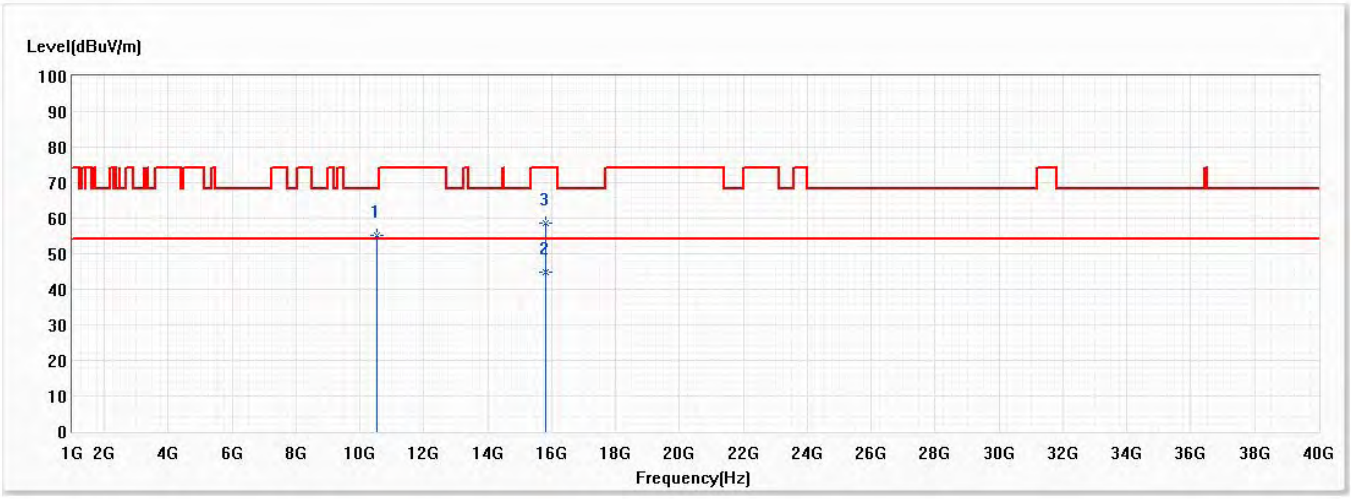


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10540.000	56.45	68.20	-11.75	55.43	1.02	PK
* 2	15810.000	47.93	54.00	-6.07	44.36	3.57	AV
3	15810.000	61.32	74.00	-12.68	57.75	3.57	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax40,Ch54,5.27G,BW40M	Humidity (%RH)	53.9

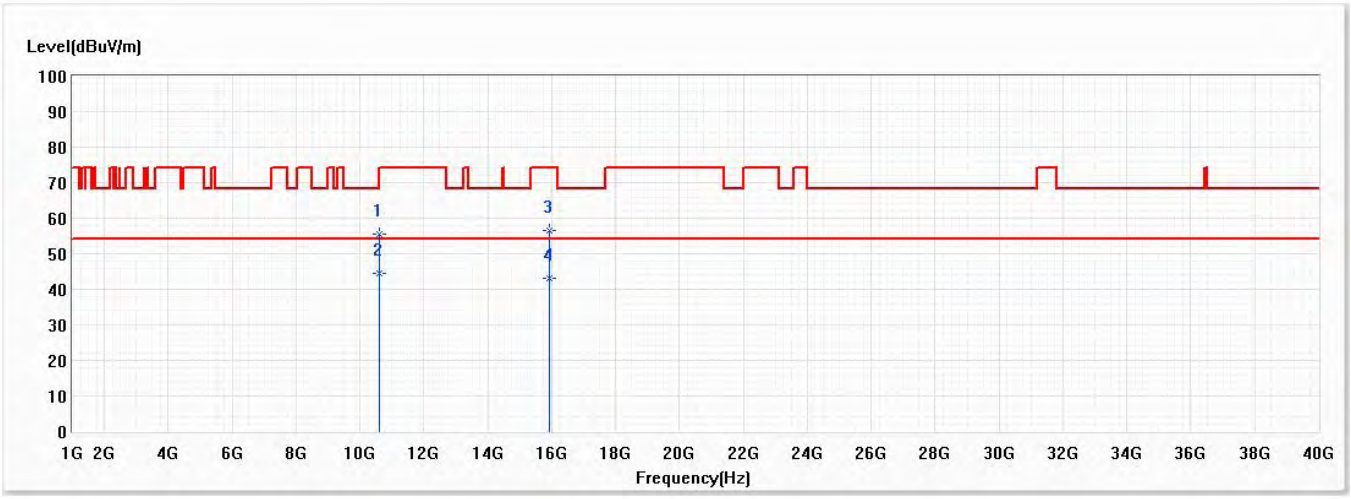


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10540.000	55.09	68.20	-13.11	54.07	1.02	PK
* 2	15810.000	44.98	54.00	-9.02	41.41	3.57	AV
3	15810.000	58.49	74.00	-15.51	54.92	3.57	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax40,Ch62,5.31G,BW40M	Humidity (%RH)	53.9

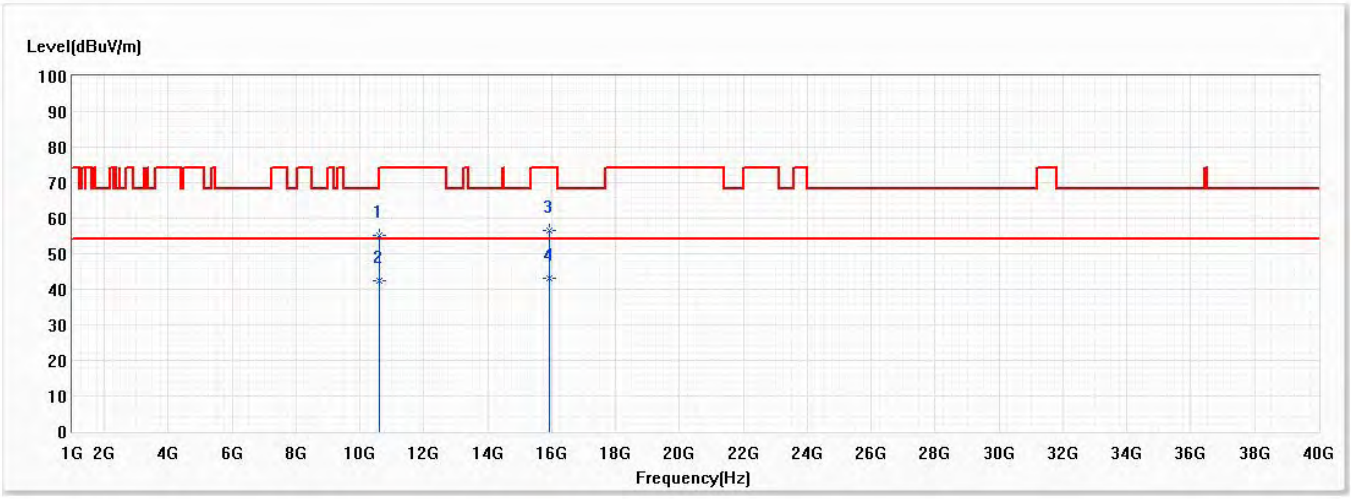


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10620.000	55.64	74.00	-18.36	54.47	1.17	PK
* 2	10620.000	44.60	54.00	-9.40	43.43	1.17	AV
3	15930.000	56.50	74.00	-17.50	53.24	3.26	PK
4	15930.000	42.99	54.00	-11.01	39.73	3.26	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax40,Ch62,5.31G,BW40M	Humidity (%RH)	53.9

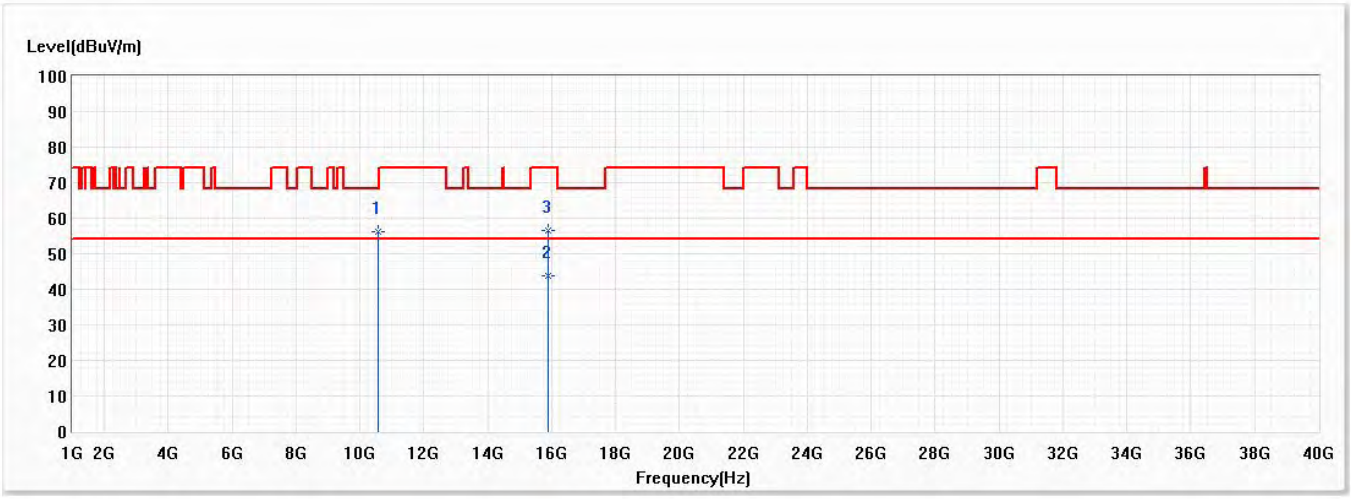


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10620.000	55.34	74.00	-18.66	54.17	1.17	PK
2	10620.000	42.50	54.00	-11.50	41.33	1.17	AV
3	15930.000	56.49	74.00	-17.51	53.23	3.26	PK
* 4	15930.000	43.24	54.00	-10.76	39.98	3.26	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax80,Ch58,5.29G,BW80M	Humidity (%RH)	53.9

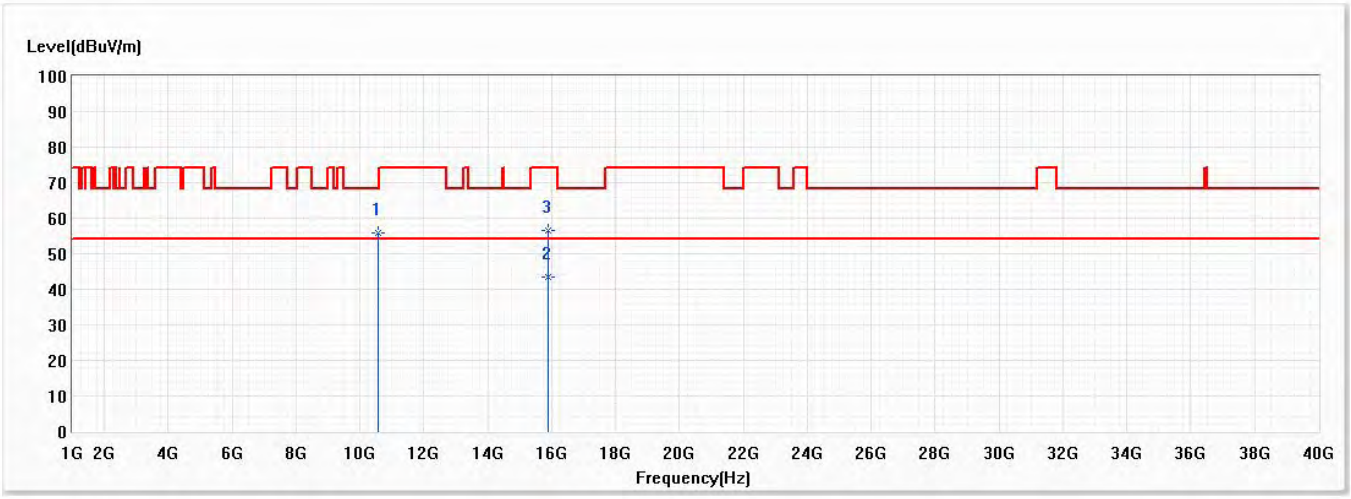


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10580.000	56.27	68.20	-11.93	55.18	1.09	PK
* 2	15870.000	43.86	54.00	-10.14	40.44	3.42	AV
3	15870.000	56.41	74.00	-17.59	52.99	3.42	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax80,Ch58,5.29G,BW80M	Humidity (%RH)	53.9

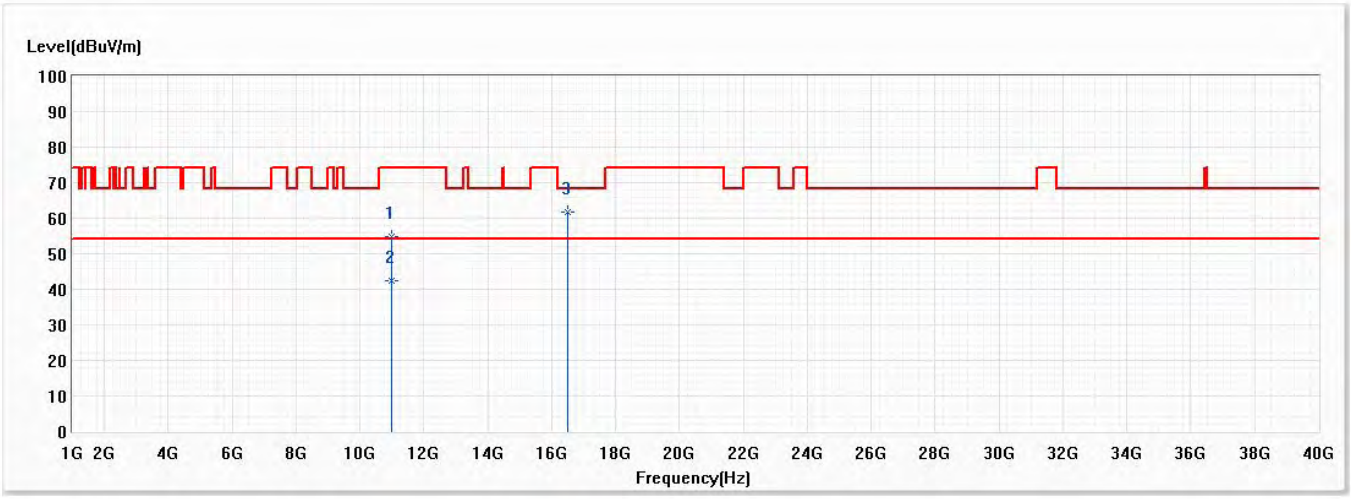


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	10580.000	55.74	68.20	-12.46	54.65	1.09	PK
* 2	15870.000	43.62	54.00	-10.38	40.20	3.42	AV
3	15870.000	56.43	74.00	-17.57	53.01	3.42	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11a,Ch100,5.5G,BW20M	Humidity (%RH)	53.9

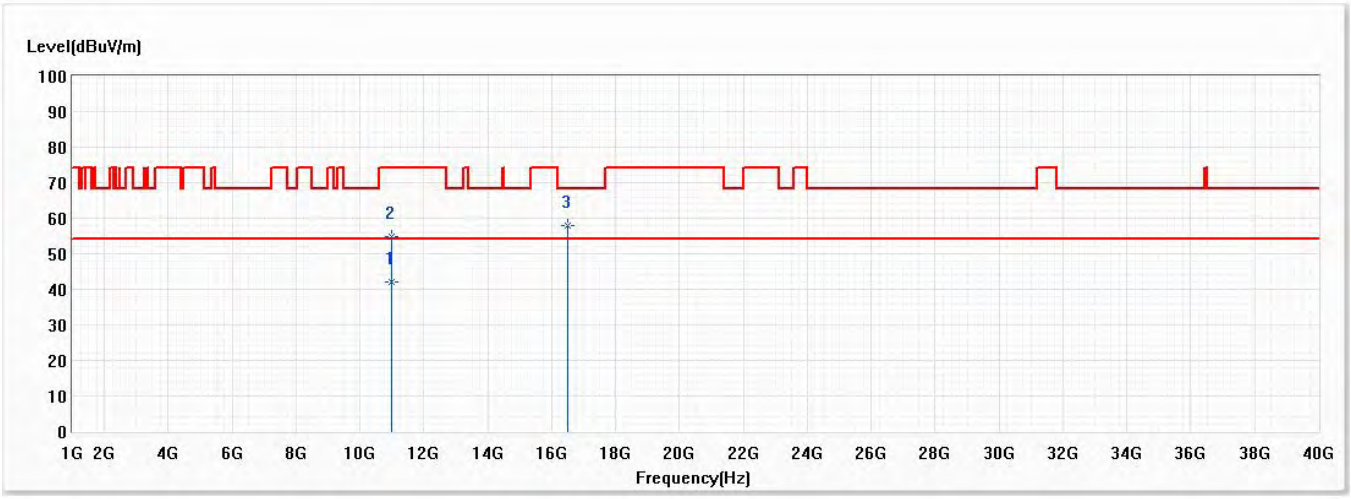


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11000.000	54.93	74.00	-19.07	53.05	1.88	PK
2	11000.000	42.32	54.00	-11.68	40.44	1.88	AV
* 3	16500.000	61.77	68.20	-6.43	58.31	3.46	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11a,Ch100,5.5G,BW20M	Humidity (%RH)	53.9

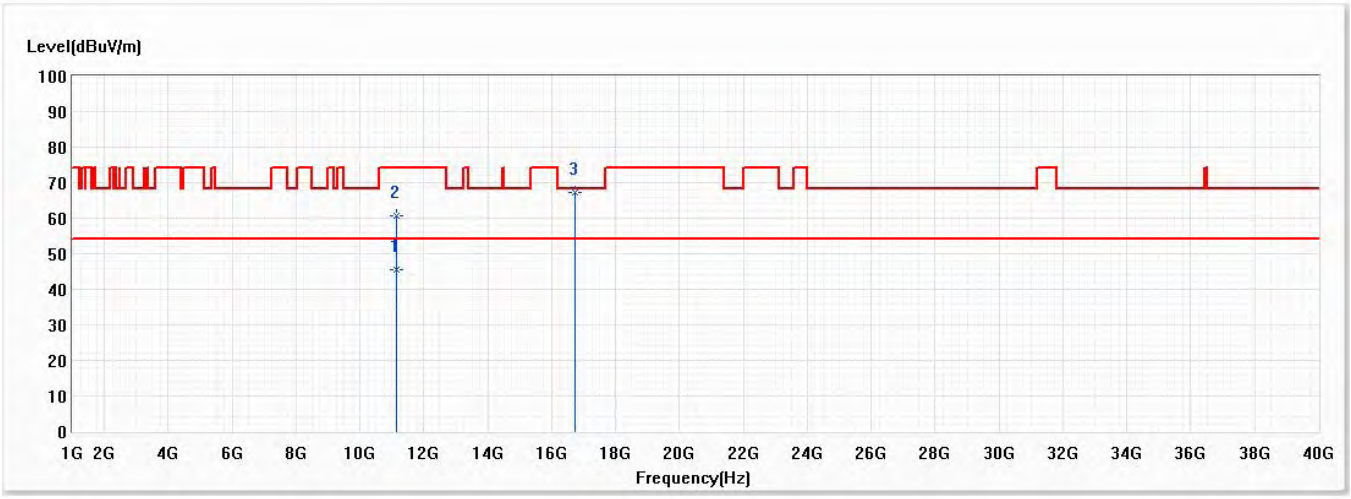


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11000.000	42.23	54.00	-11.77	40.35	1.88	AV
2	11000.000	54.97	74.00	-19.03	53.09	1.88	PK
* 3	16500.000	57.85	68.20	-10.35	54.39	3.46	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11a,Ch116,5.58G,BW20M	Humidity (%RH)	53.9

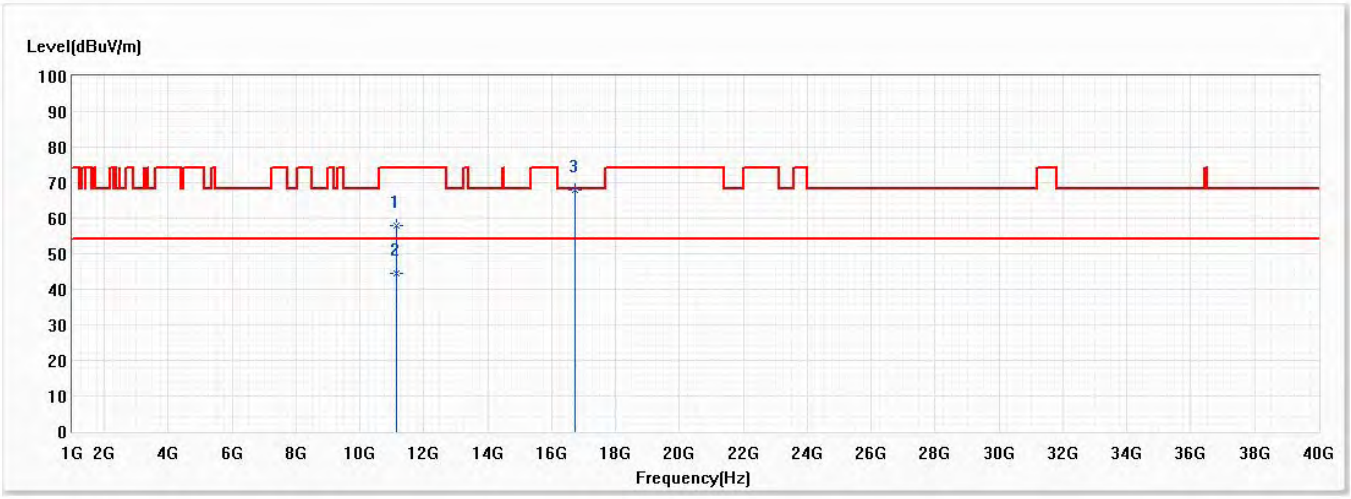


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11160.000	45.51	54.00	-8.49	43.36	2.15	AV
2	11160.000	60.64	74.00	-13.36	58.49	2.15	PK
* 3	16740.000	67.27	68.20	-0.93	63.23	4.04	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11a,Ch116,5.58G,BW20M	Humidity (%RH)	53.9

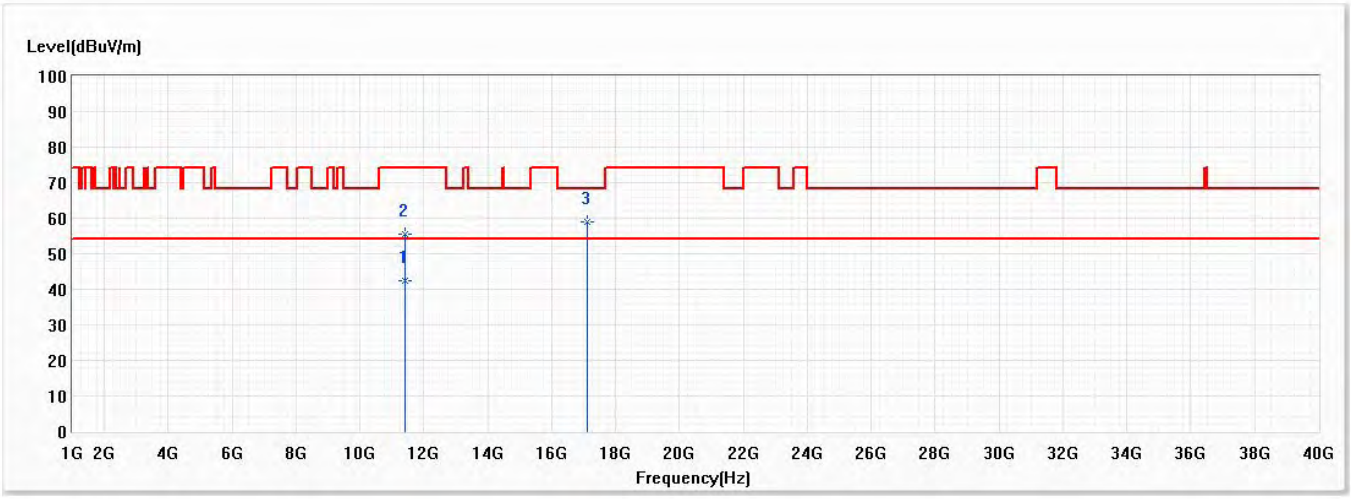


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11160.000	57.96	74.00	-16.04	55.81	2.15	PK
2	11160.000	44.53	54.00	-9.47	42.38	2.15	AV
* 3	16740.000	67.84	68.20	-0.36	63.80	4.04	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11a,Ch140,5.7G,BW20M	Humidity (%RH)	53.9

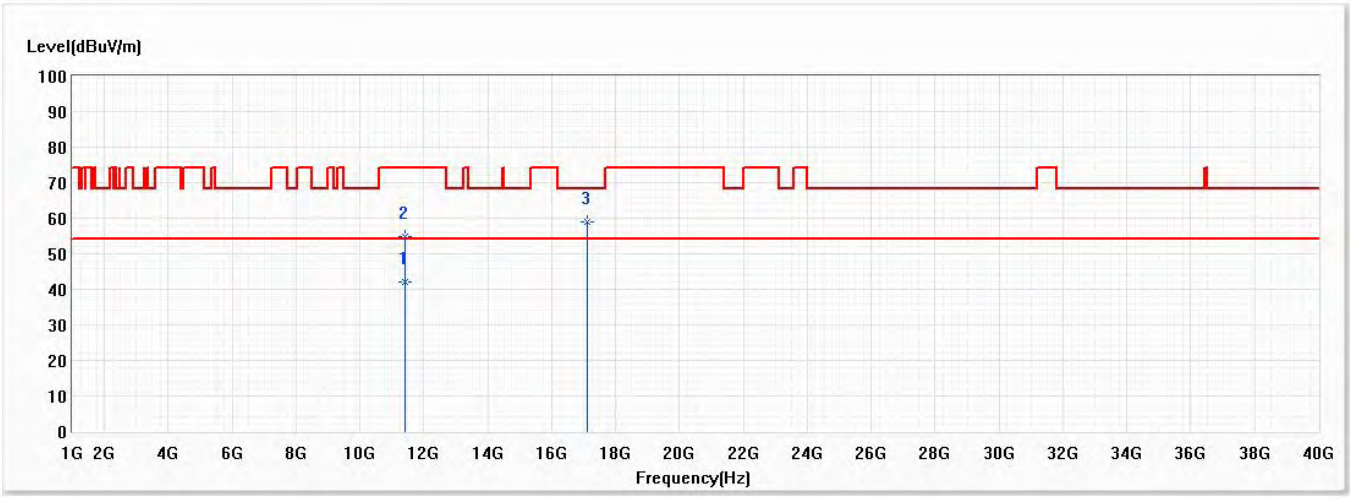


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11400.000	42.28	54.00	-11.72	39.71	2.57	AV
2	11400.000	55.66	74.00	-18.34	53.09	2.57	PK
* 3	17100.000	58.95	68.20	-9.25	53.93	5.02	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11a,Ch140,5.7G,BW20M	Humidity (%RH)	53.9

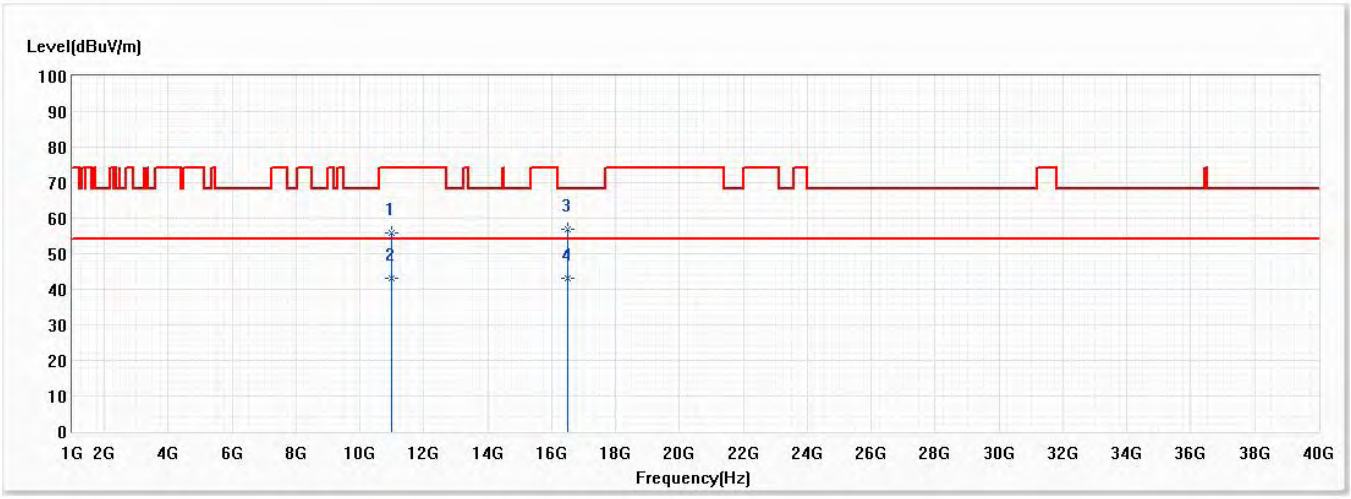


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11400.000	42.20	54.00	-11.80	39.63	2.57	AV
2	11400.000	54.77	74.00	-19.23	52.20	2.57	PK
* 3	17100.000	58.88	68.20	-9.32	53.86	5.02	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch100,5.5G,BW20M	Humidity (%RH)	53.9

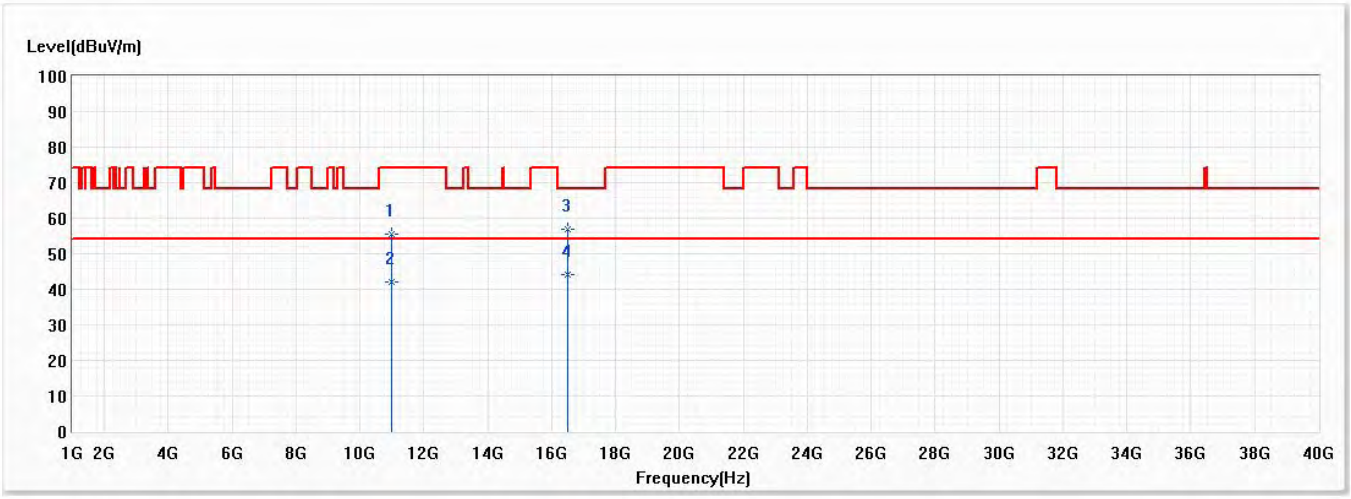


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11000.000	55.92	74.00	-18.08	54.04	1.88	PK
2	11000.000	43.22	54.00	-10.78	41.34	1.88	AV
3	16500.000	57.01	68.20	-11.19	53.55	3.46	PK
* 4	16500.000	43.27	54.00	-10.73	39.81	3.46	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch100,5.5G,BW20M	Humidity (%RH)	53.9

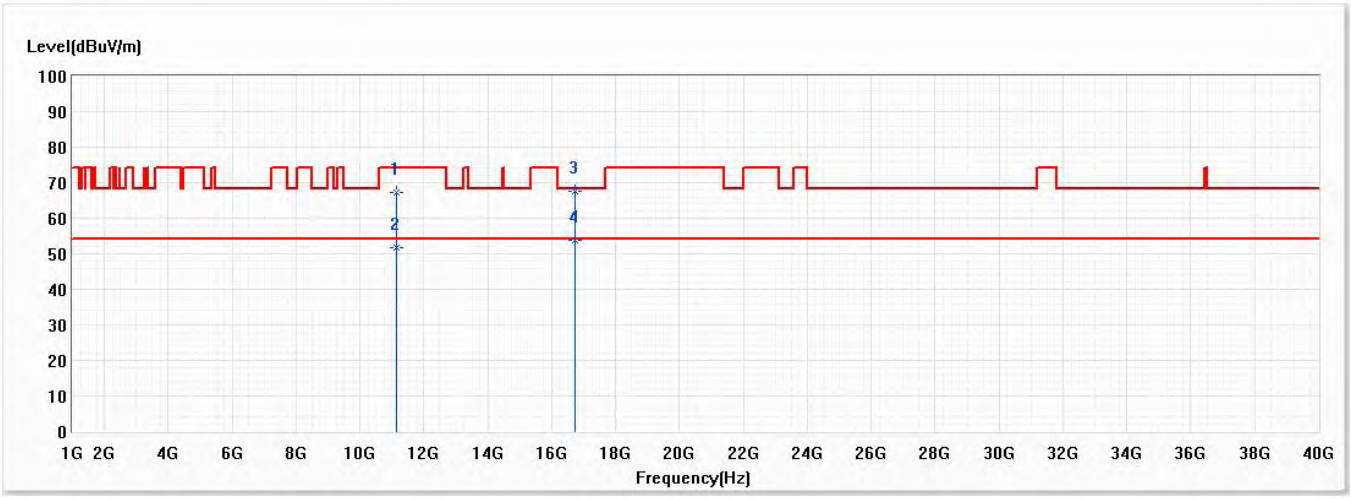


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11000.000	55.62	74.00	-18.38	53.74	1.88	PK
2	11000.000	41.98	54.00	-12.02	40.10	1.88	AV
3	16500.000	56.75	68.20	-11.45	53.29	3.46	PK
* 4	16500.000	44.14	54.00	-9.86	40.68	3.46	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch116,5.58G,BW20M	Humidity (%RH)	53.9

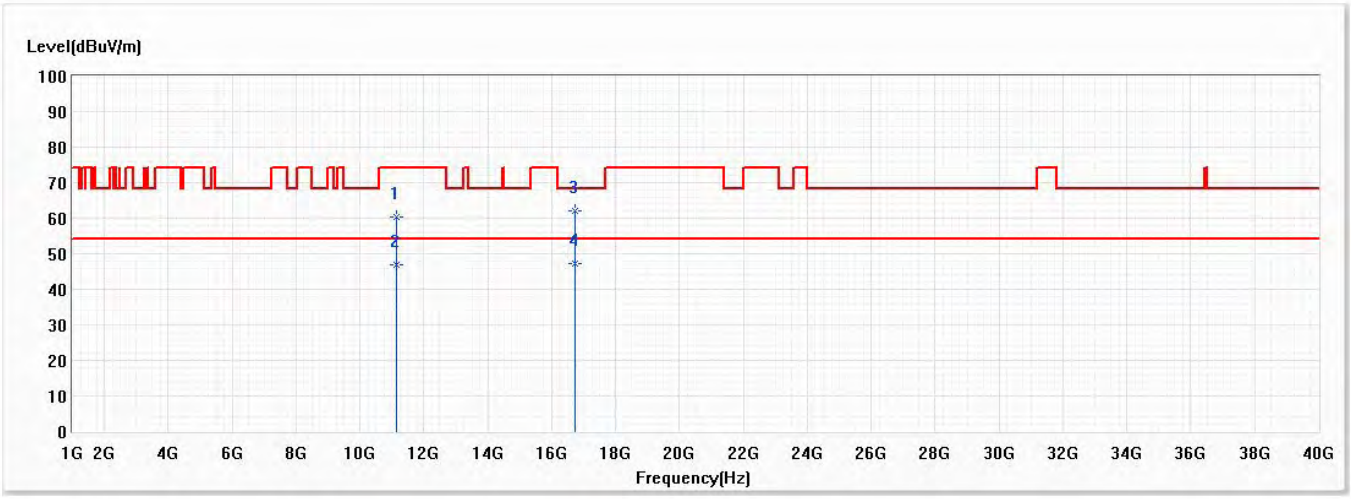


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11160.000	67.36	74.00	-6.64	65.21	2.15	PK
2	11160.000	51.65	54.00	-2.35	49.50	2.15	AV
3	16740.000	67.51	68.20	-0.69	63.47	4.04	PK
* 4	16740.000	53.89	54.00	-0.11	49.85	4.04	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch116,5.58G,BW20M	Humidity (%RH)	53.9

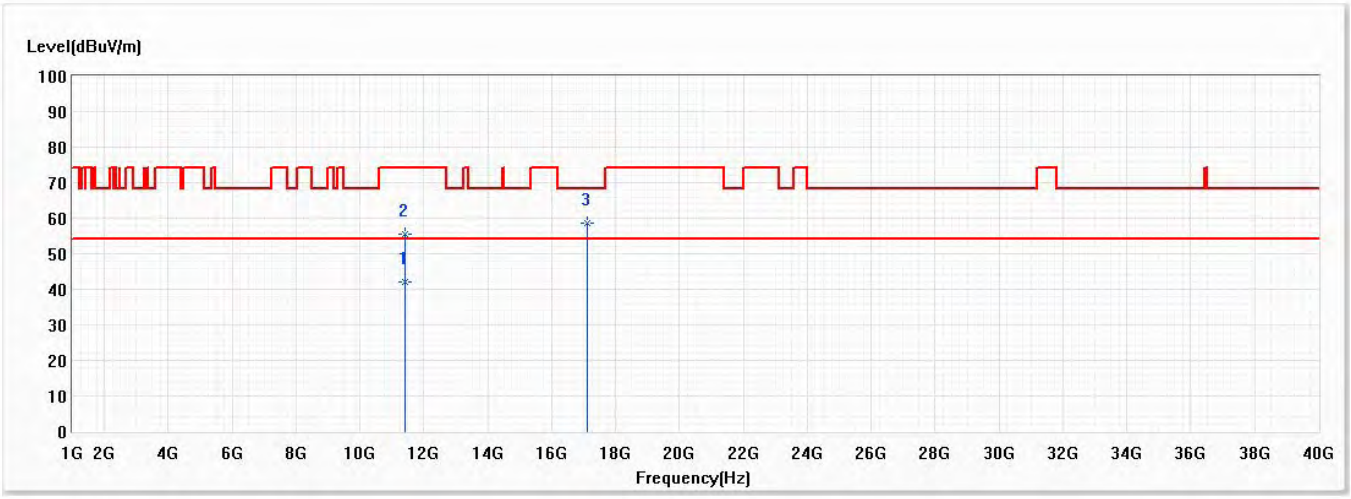


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11160.000	60.18	74.00	-13.82	58.03	2.15	PK
2	11160.000	46.90	54.00	-7.10	44.75	2.15	AV
* 3	16740.000	61.95	68.20	-6.25	57.91	4.04	PK
4	16740.000	47.39	54.00	-6.61	43.35	4.04	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch140,5.7G,BW20M	Humidity (%RH)	53.9

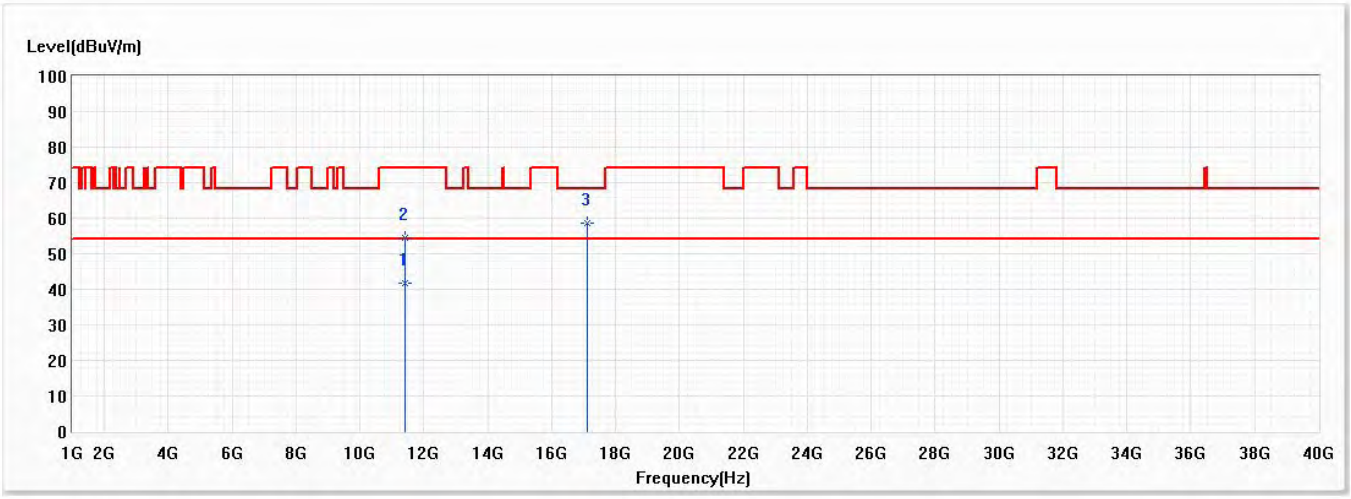


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11400.000	42.10	54.00	-11.90	39.53	2.57	AV
2	11400.000	55.57	74.00	-18.43	53.00	2.57	PK
* 3	17100.000	58.49	68.20	-9.71	53.47	5.02	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch140,5.7G,BW20M	Humidity (%RH)	53.9

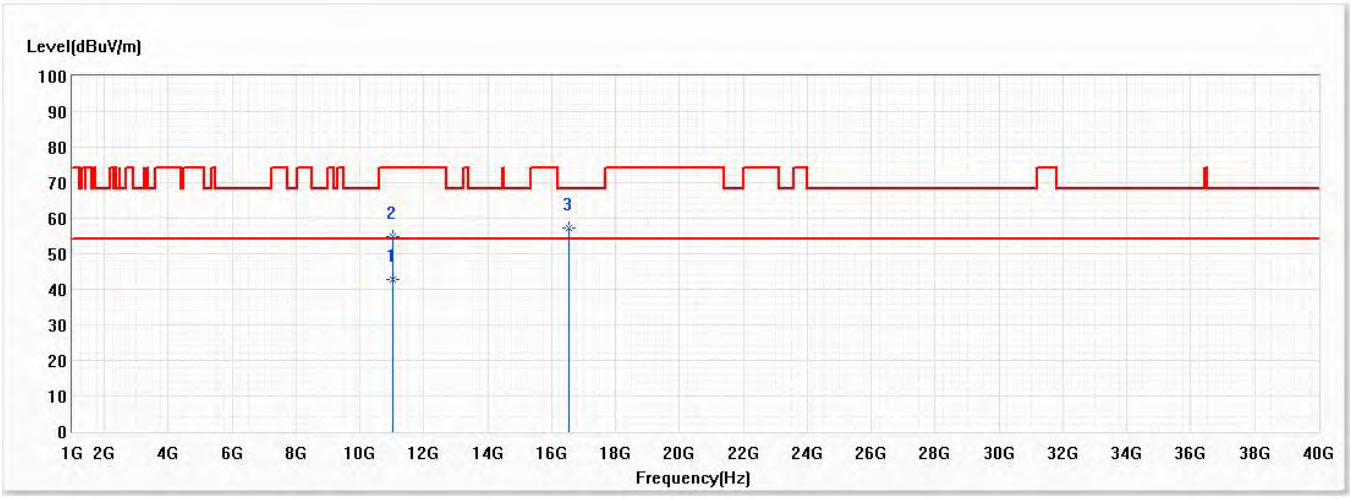


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11400.000	41.56	54.00	-12.44	38.99	2.57	AV
2	11400.000	54.37	74.00	-19.63	51.80	2.57	PK
* 3	17100.000	58.53	68.20	-9.67	53.51	5.02	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax40,Ch102,5.51G,BW40M	Humidity (%RH)	53.9

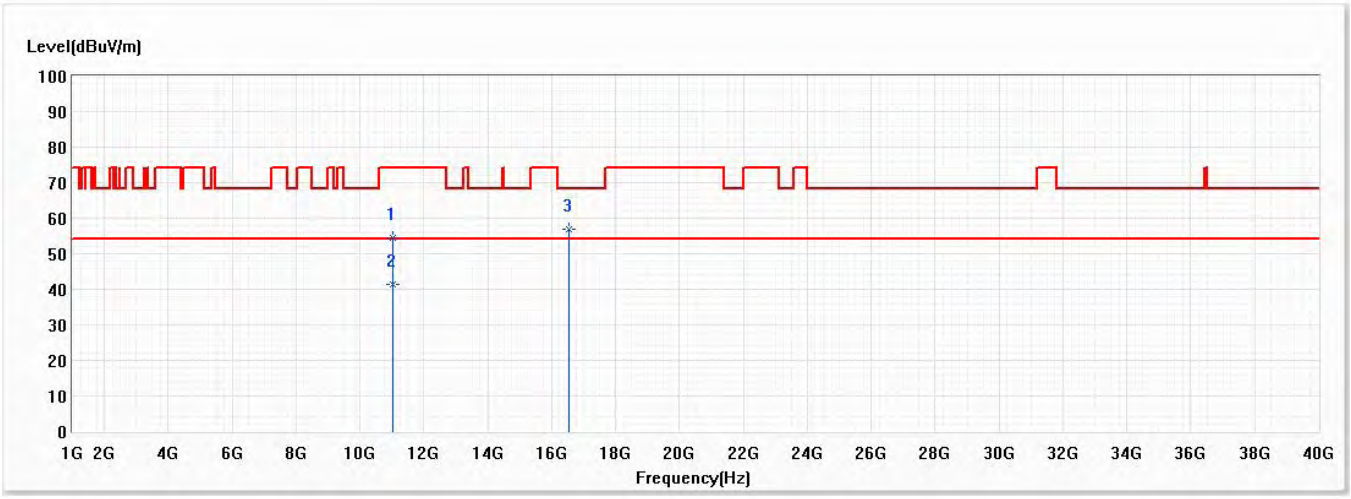


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11020.000	42.59	54.00	-11.41	40.67	1.92	AV
2	11020.000	54.93	74.00	-19.07	53.01	1.92	PK
* 3	16530.000	57.11	68.20	-11.09	53.58	3.53	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax40,Ch102,5.51G,BW40M	Humidity (%RH)	53.9

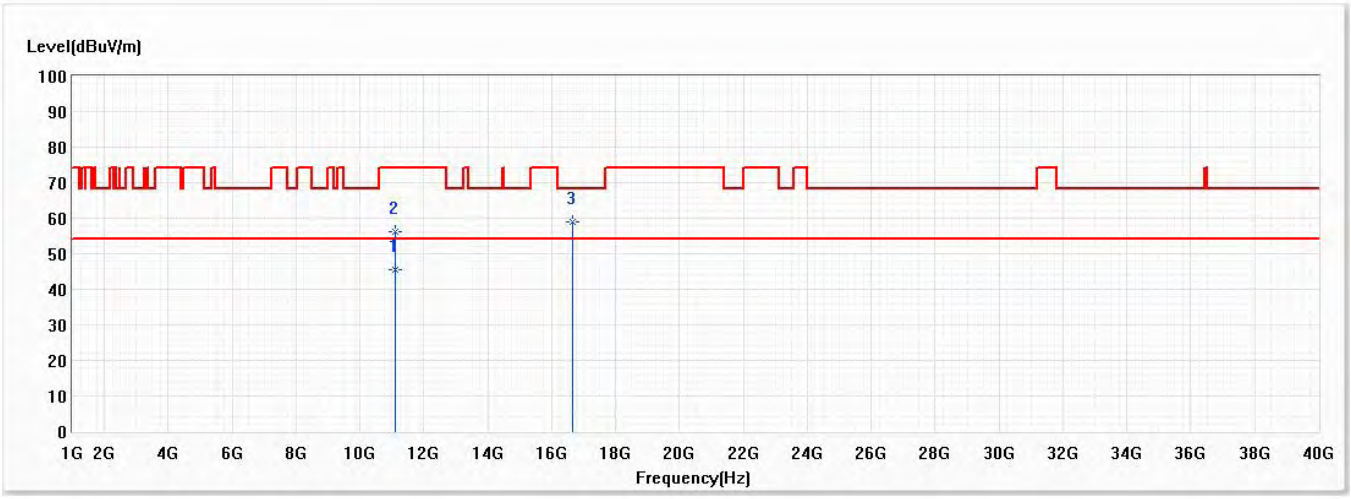


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11020.000	54.34	74.00	-19.66	52.42	1.92	PK
2	11020.000	41.23	54.00	-12.77	39.31	1.92	AV
* 3	16530.000	56.99	68.20	-11.21	53.46	3.53	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax40,Ch110,5.55G,BW40M	Humidity (%RH)	53.9

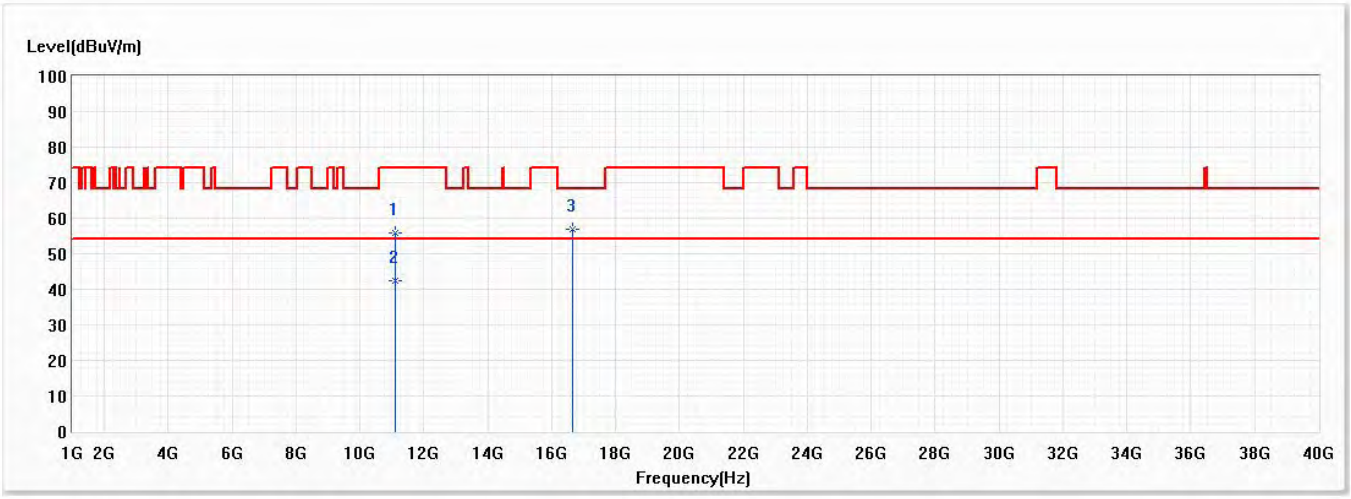


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	11100.000	45.57	54.00	-8.43	43.52	2.05	AV
2	11100.000	56.27	74.00	-17.73	54.22	2.05	PK
3	16650.000	58.95	68.20	-9.25	55.13	3.82	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax40,Ch110,5.55G,BW40M	Humidity (%RH)	53.9

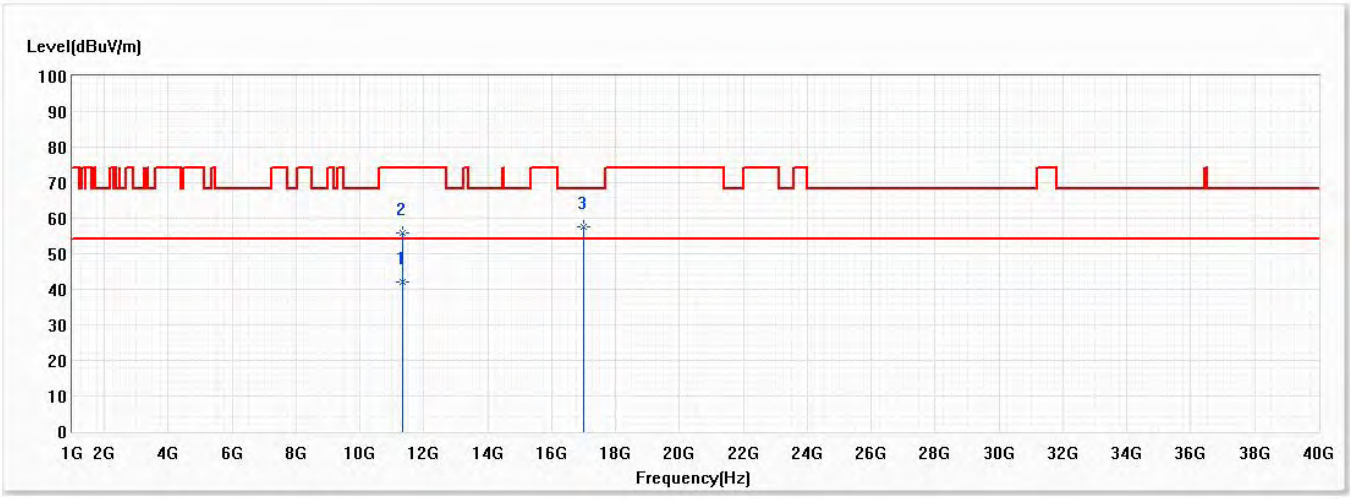


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11100.000	55.70	74.00	-18.30	53.65	2.05	PK
2	11100.000	42.27	54.00	-11.73	40.22	2.05	AV
* 3	16650.000	57.06	68.20	-11.14	53.24	3.82	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax40,Ch134,5.67G,BW40M	Humidity (%RH)	53.9



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11340.000	41.93	54.00	-12.07	39.47	2.46	AV
2	11340.000	55.87	74.00	-18.13	53.41	2.46	PK
* 3	17010.000	57.52	68.20	-10.68	52.80	4.72	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.

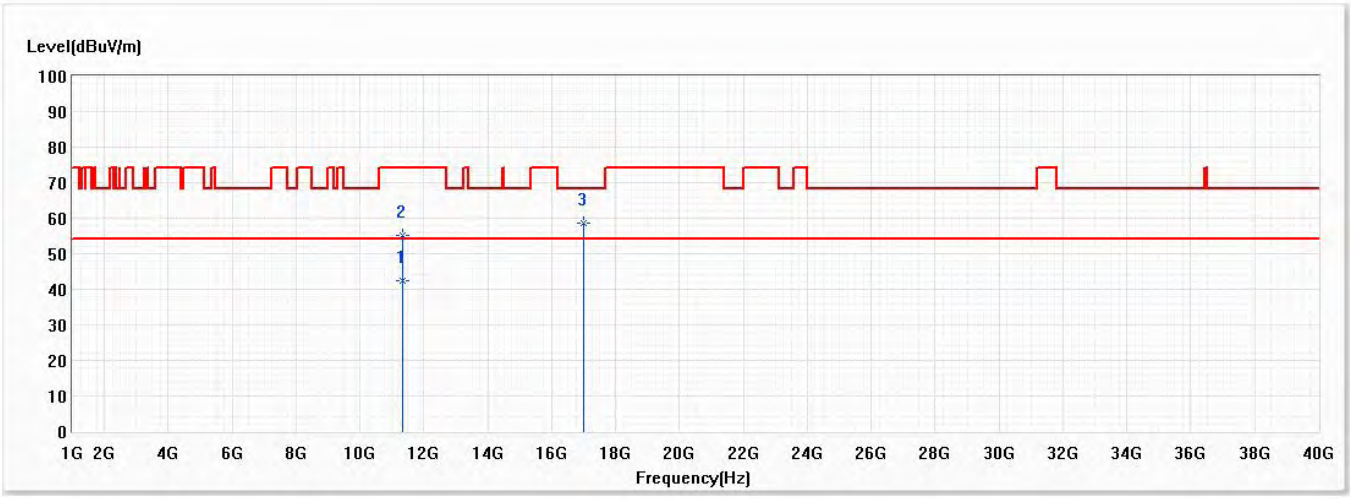
2. “ * ”, means this data is the worst value.

3. Emission Level = Reading Level + Correct Factor.

4. The average measurement was not performed when the peak measured data under the limit of average detection.

5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax40,Ch134,5.67G,BW40M	Humidity (%RH)	53.9

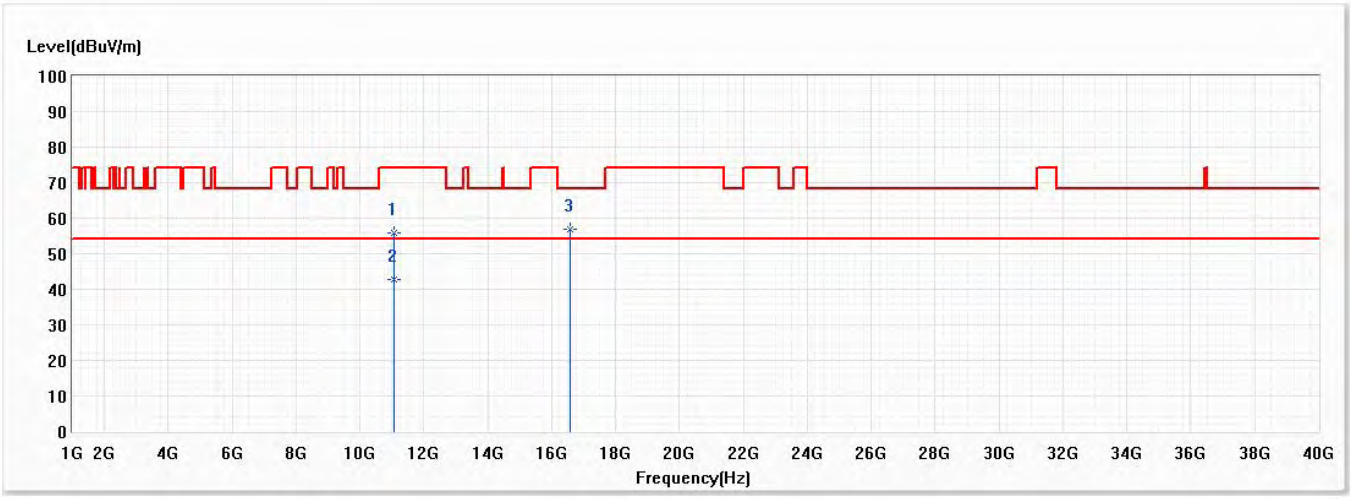


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11340.000	42.50	54.00	-11.50	40.04	2.46	AV
2	11340.000	55.08	74.00	-18.92	52.62	2.46	PK
* 3	17010.000	58.63	68.20	-9.57	53.91	4.72	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax80,Ch106,5.53G,BW80M	Humidity (%RH)	53.9

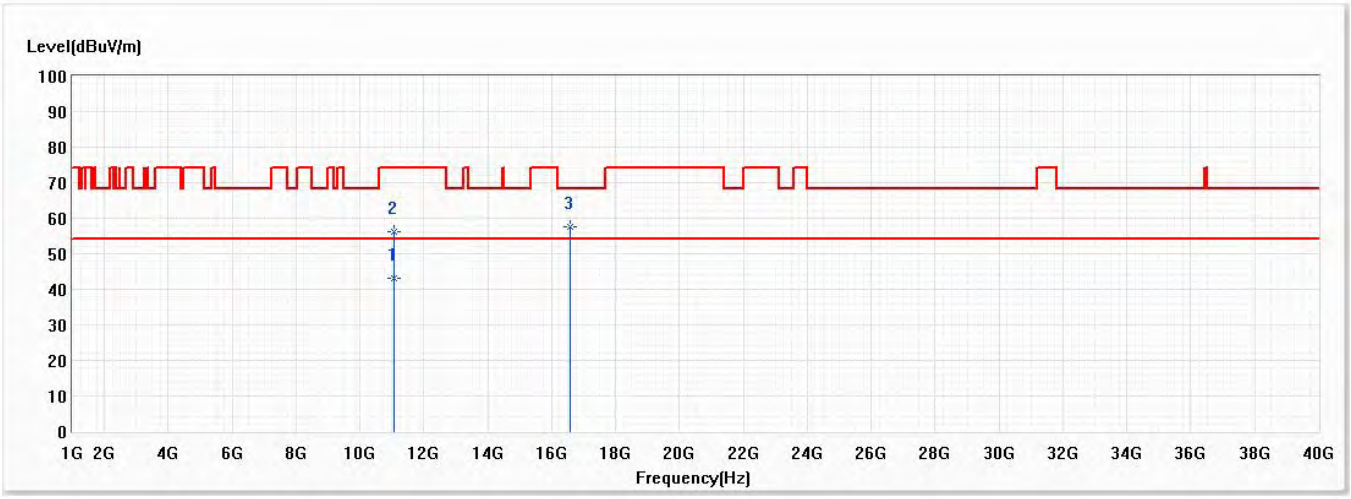


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11060.000	55.76	74.00	-18.24	53.77	1.99	PK
* 2	11060.000	42.75	54.00	-11.25	40.76	1.99	AV
3	16590.000	56.83	68.20	-11.37	53.15	3.68	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax80,Ch106,5.53G,BW80M	Humidity (%RH)	53.9

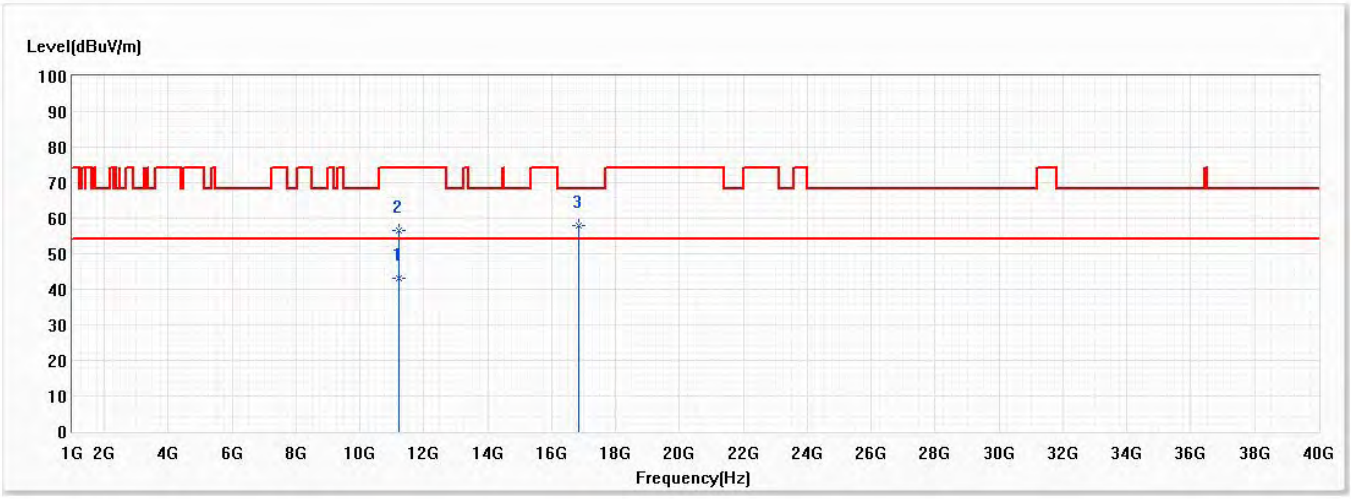


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11060.000	43.13	54.00	-10.87	41.14	1.99	AV
2	11060.000	56.23	74.00	-17.77	54.24	1.99	PK
* 3	16590.000	57.44	68.20	-10.76	53.76	3.68	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax80,Ch122,5.61G,BW80M	Humidity (%RH)	53.9

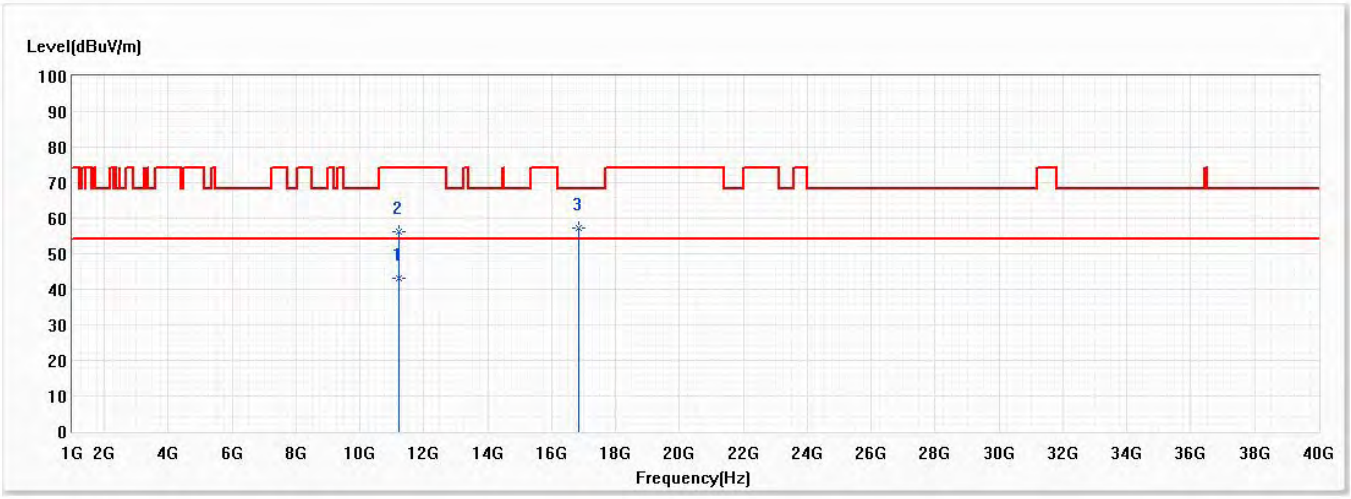


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11220.000	43.23	54.00	-10.77	40.98	2.25	AV
2	11220.000	56.56	74.00	-17.44	54.31	2.25	PK
* 3	16830.000	57.81	68.20	-10.39	53.55	4.26	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax80,Ch122,5.61G,BW80M	Humidity (%RH)	53.9

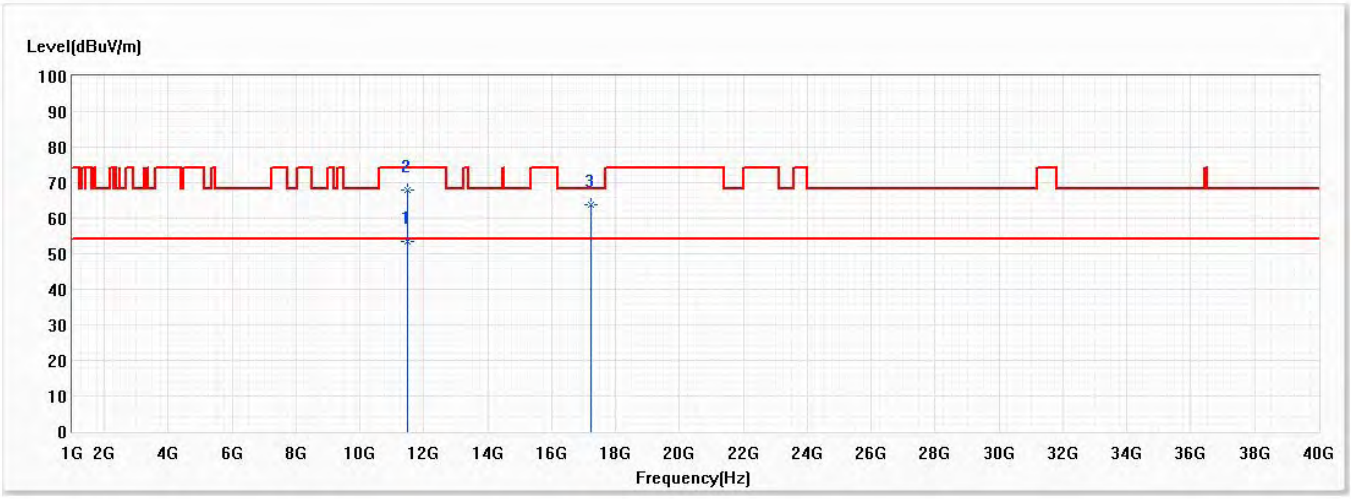


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	11220.000	43.19	54.00	-10.81	40.94	2.25	AV
2	11220.000	56.31	74.00	-17.69	54.06	2.25	PK
3	16830.000	57.12	68.20	-11.08	52.86	4.26	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11a,Ch149,5.745G,BW20M	Humidity (%RH)	53.9

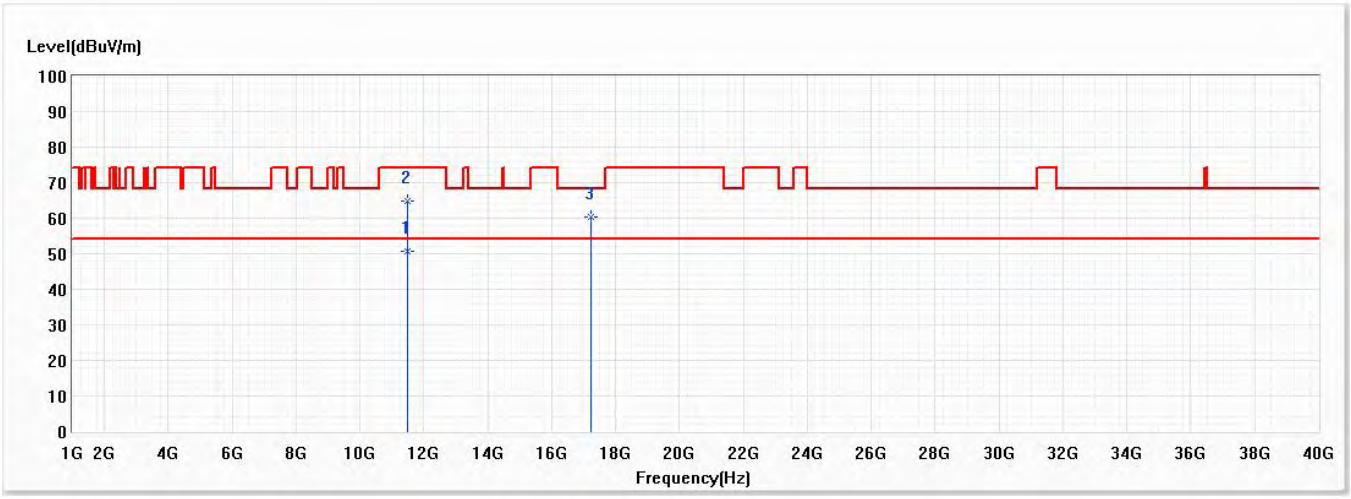


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	11490.000	53.41	54.00	-0.59	50.69	2.72	AV
2	11490.000	67.81	74.00	-6.19	65.09	2.72	PK
3	17235.000	63.80	68.20	-4.40	58.30	5.50	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11a,Ch149,5.745G,BW20M	Humidity (%RH)	53.9



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	11490.000	50.77	54.00	-3.23	48.05	2.72	AV
2	11490.000	64.92	74.00	-9.08	62.20	2.72	PK
3	17235.000	60.32	68.20	-7.88	54.82	5.50	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11a,Ch157,5.785G,BW20M	Humidity (%RH)	53.9

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	11570.000	53.95	54.00	-0.05	51.20	2.75	AV
2	11570.000	69.34	74.00	-4.66	66.59	2.75	PK
3	17355.000	62.39	68.20	-5.81	56.48	5.91	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

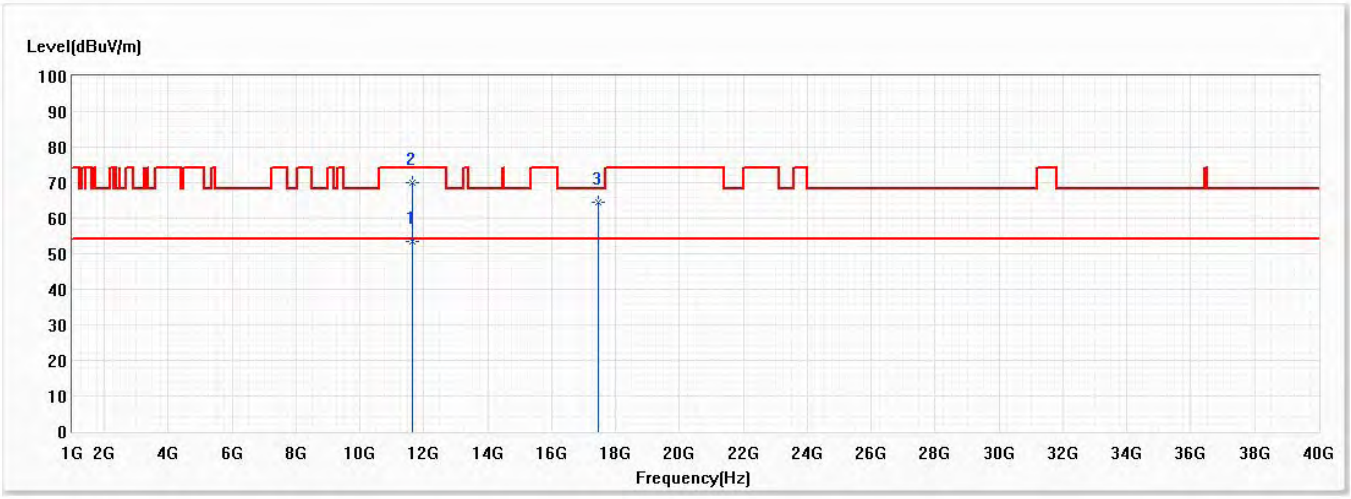
Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11a,Ch157,5.785G,BW20M	Humidity (%RH)	53.9

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	11570.000	50.25	54.00	-3.75	47.50	2.75	AV
2	11570.000	65.54	74.00	-8.46	62.79	2.75	PK
3	17355.000	62.55	68.20	-5.65	56.64	5.91	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11a,Ch165,5.825G,BW20M	Humidity (%RH)	53.9

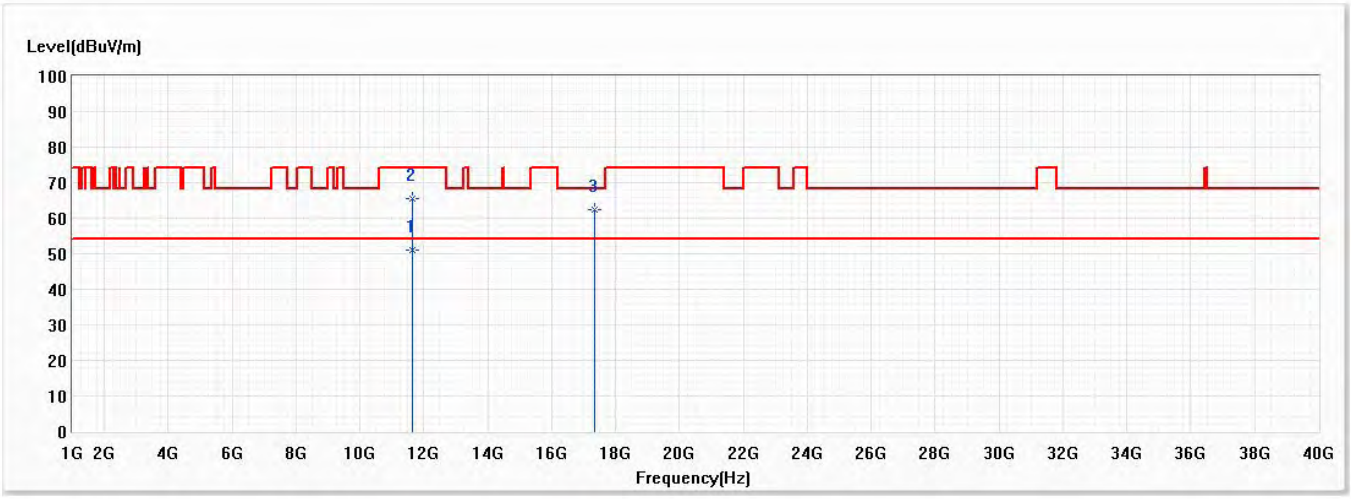


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	11650.000	53.36	54.00	-0.64	50.60	2.76	AV
2	11650.000	70.01	74.00	-3.99	67.25	2.76	PK
3	17475.000	64.57	68.20	-3.63	58.24	6.33	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/19
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11a,Ch165,5.825G,BW20M	Humidity (%RH)	53.9

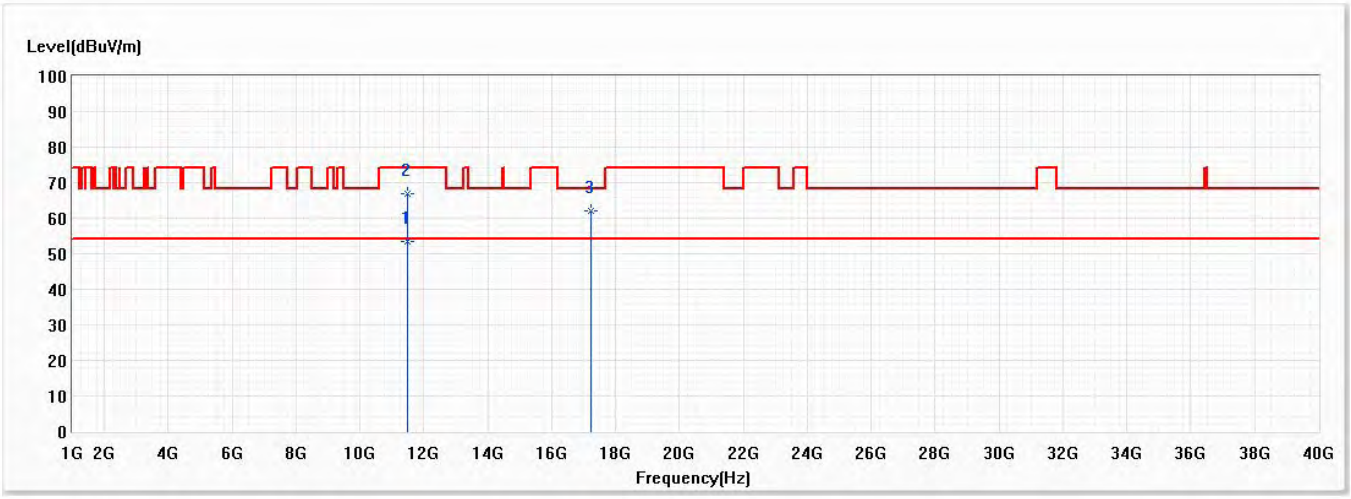


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	11650.000	50.93	54.00	-3.07	48.17	2.76	AV
2	11650.000	65.56	74.00	-8.44	62.80	2.76	PK
3	17355.000	62.33	68.20	-5.87	56.42	5.91	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch149,5.745G,BW20M	Humidity (%RH)	53.9

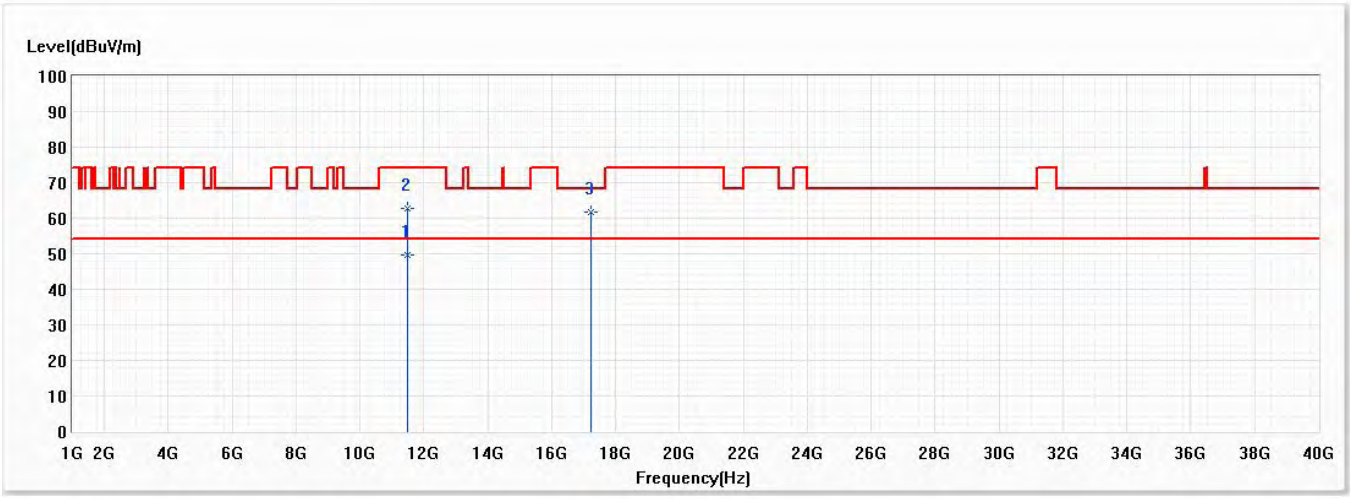


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	11490.000	53.49	54.00	-0.51	50.77	2.72	AV
2	11490.000	66.84	74.00	-7.16	64.12	2.72	PK
3	17235.000	62.01	68.20	-6.19	56.51	5.50	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch149,5.745G,BW20M	Humidity (%RH)	53.9

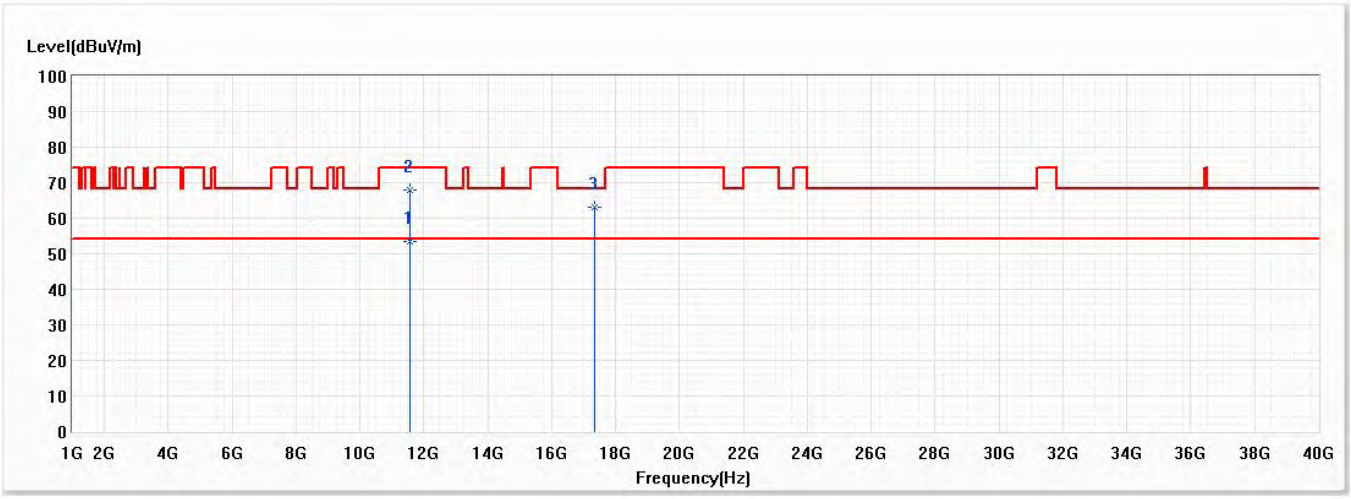


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	11490.000	49.69	54.00	-4.31	46.97	2.72	AV
2	11490.000	62.82	74.00	-11.18	60.10	2.72	PK
3	17235.000	61.84	68.20	-6.36	56.34	5.50	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch157,5.785G,BW20M	Humidity (%RH)	53.9

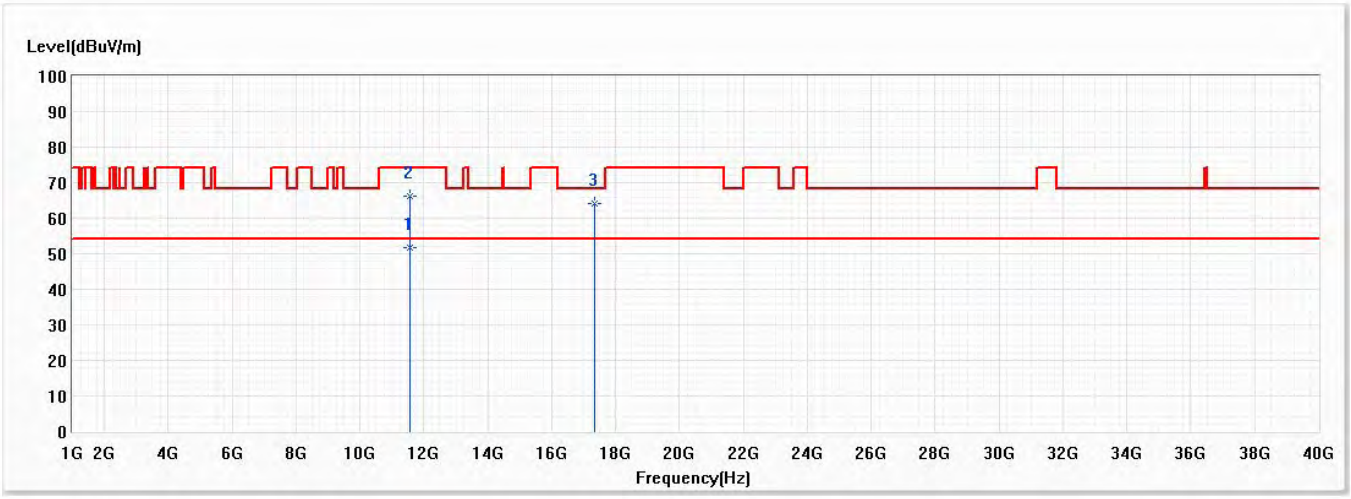


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	11570.000	53.55	54.00	-0.45	50.80	2.75	AV
2	11570.000	67.87	74.00	-6.13	65.12	2.75	PK
3	17355.000	63.18	68.20	-5.02	57.27	5.91	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch157,5.785G,BW20M	Humidity (%RH)	53.9

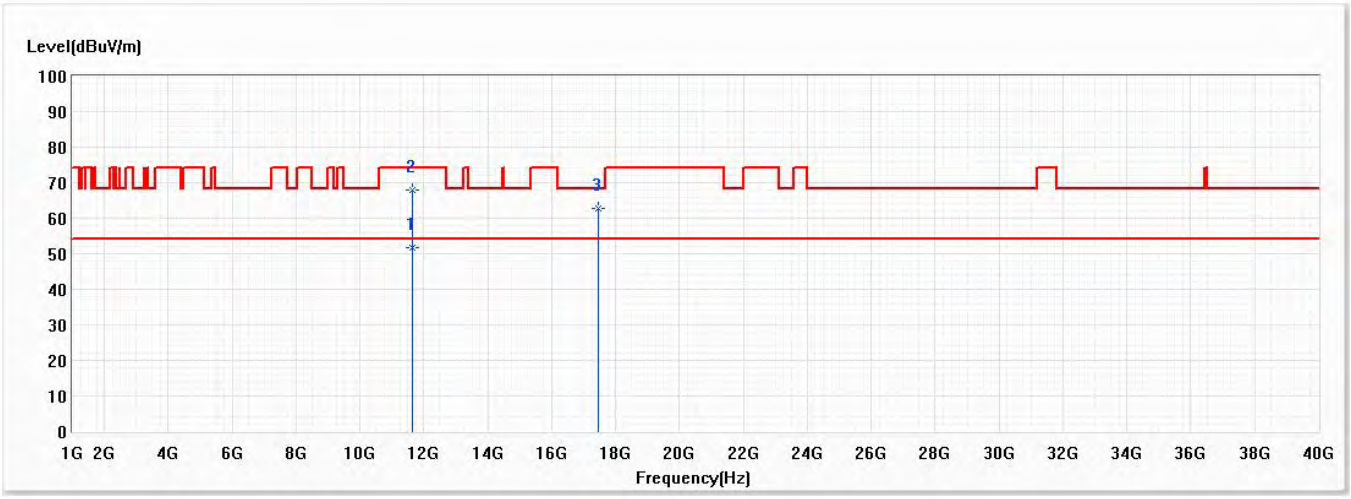


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	11570.000	51.61	54.00	-2.39	48.86	2.75	AV
2	11570.000	66.32	74.00	-7.68	63.57	2.75	PK
3	17355.000	64.16	68.20	-4.04	58.25	5.91	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch165,5.825G,BW20M	Humidity (%RH)	53.9

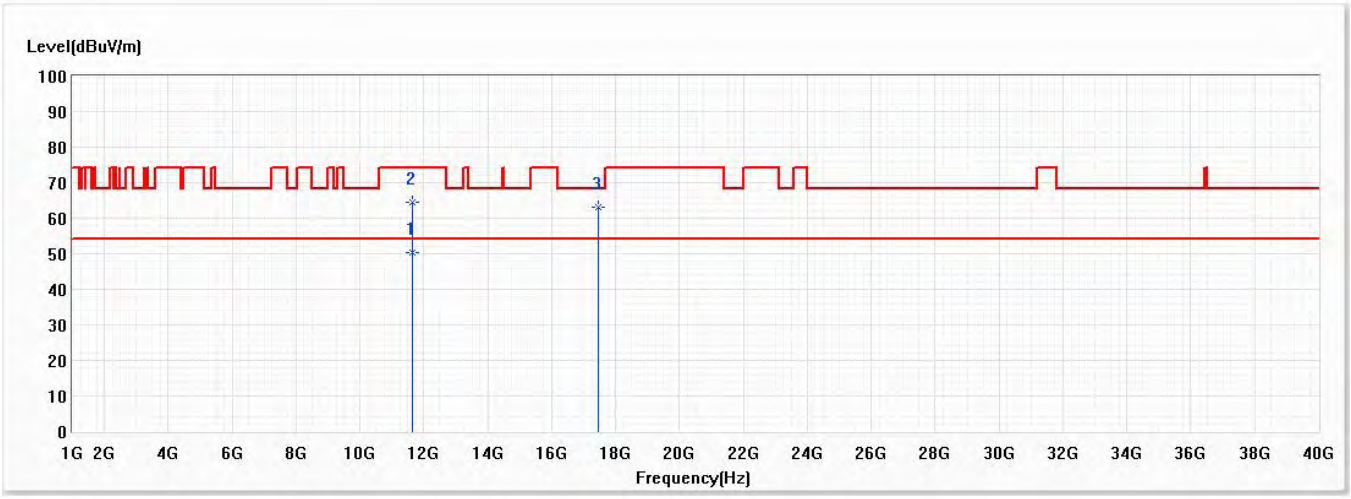


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	11650.000	51.88	54.00	-2.12	49.12	2.76	AV
2	11650.000	67.87	74.00	-6.13	65.11	2.76	PK
3	17475.000	62.73	68.20	-5.47	56.40	6.33	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/20
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax20,Ch165,5.825G,BW20M	Humidity (%RH)	53.9

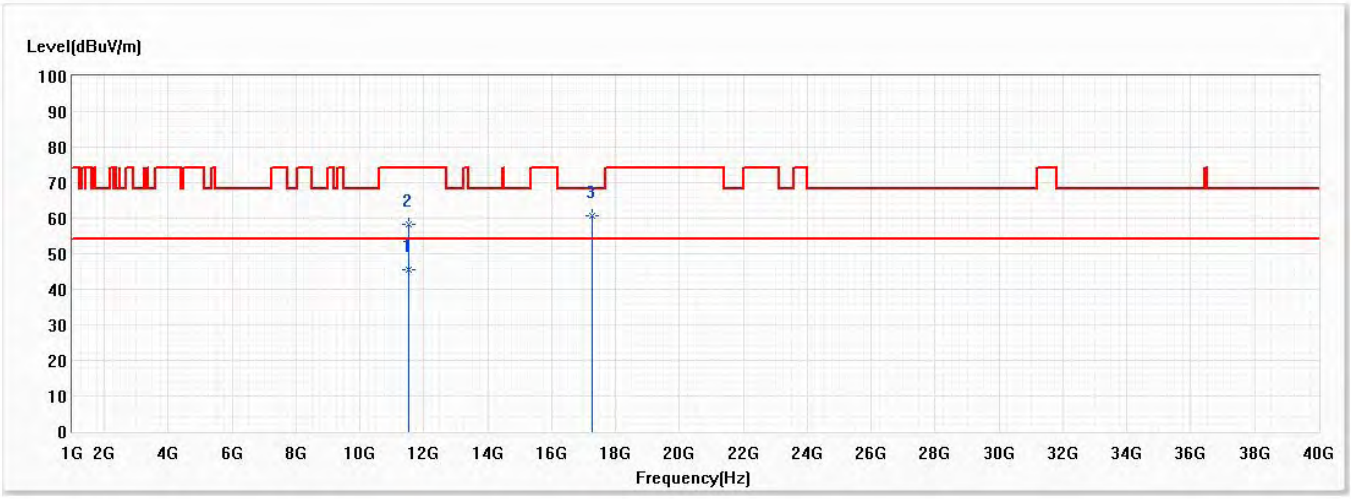


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	11650.000	50.18	54.00	-3.82	47.42	2.76	AV
2	11650.000	64.52	74.00	-9.48	61.76	2.76	PK
3	17475.000	63.18	68.20	-5.02	56.85	6.33	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax40,Ch151,5.755G,BW40M	Humidity (%RH)	53.9

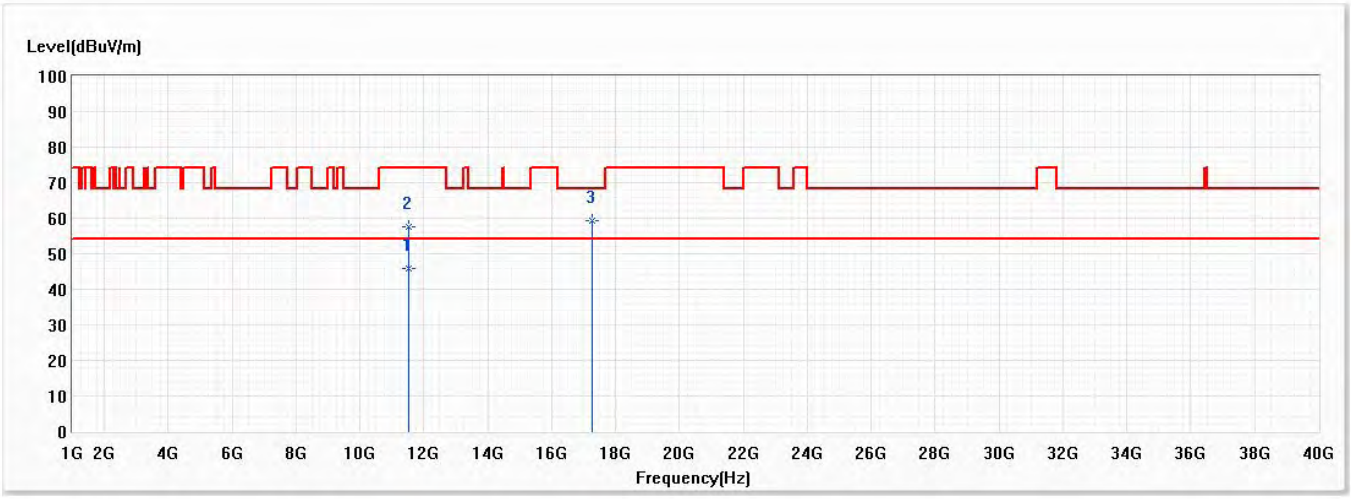


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11510.000	45.58	54.00	-8.42	42.85	2.73	AV
2	11510.000	58.14	74.00	-15.86	55.41	2.73	PK
* 3	17265.000	60.61	68.20	-7.59	55.02	5.59	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax40,Ch151,5.755G,BW40M	Humidity (%RH)	53.9

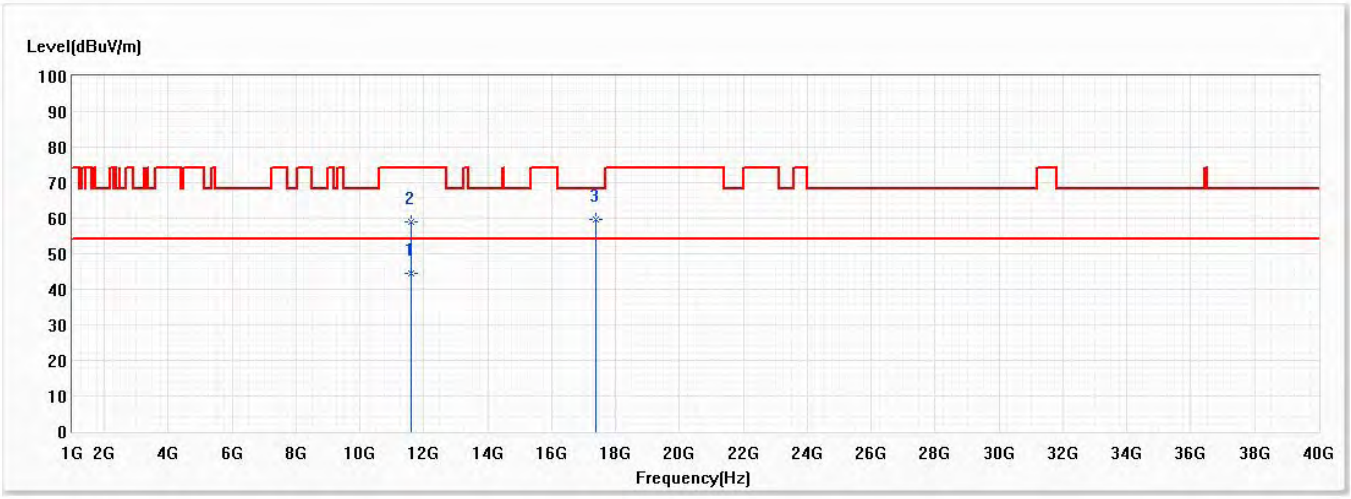


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	11510.000	45.76	54.00	-8.24	43.03	2.73	AV
2	11510.000	57.55	74.00	-16.45	54.82	2.73	PK
3	17265.000	59.31	68.20	-8.89	53.72	5.59	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax40,Ch159,5.795G,BW40M	Humidity (%RH)	53.9

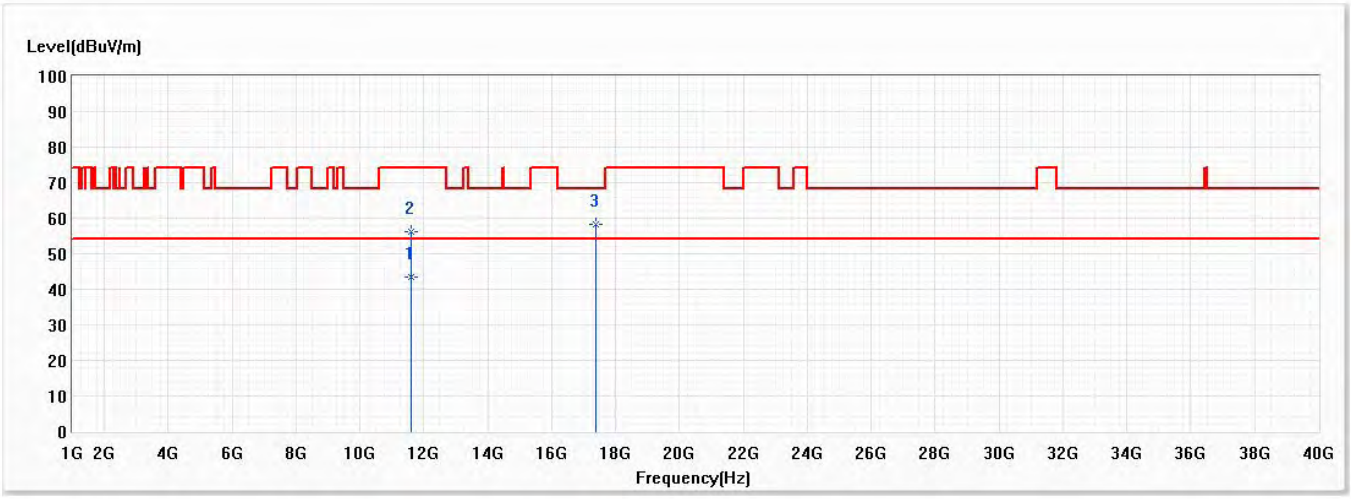


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11590.000	44.39	54.00	-9.61	41.64	2.75	AV
2	11590.000	58.95	74.00	-15.05	56.20	2.75	PK
* 3	17385.000	59.55	68.20	-8.65	53.53	6.02	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax40,Ch159,5.795G,BW40M	Humidity (%RH)	53.9

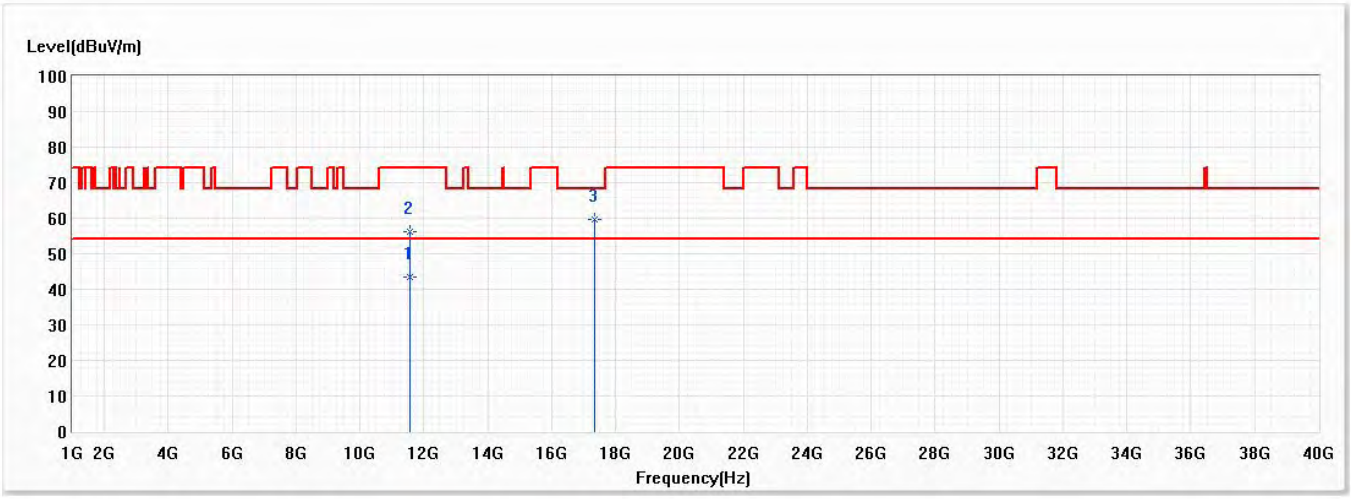


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11590.000	43.56	54.00	-10.44	40.81	2.75	AV
2	11590.000	56.11	74.00	-17.89	53.36	2.75	PK
* 3	17385.000	58.29	68.20	-9.91	52.27	6.02	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.3
Test Condition	802.11ax80,Ch155,5.775G,BW80M	Humidity (%RH)	53.9

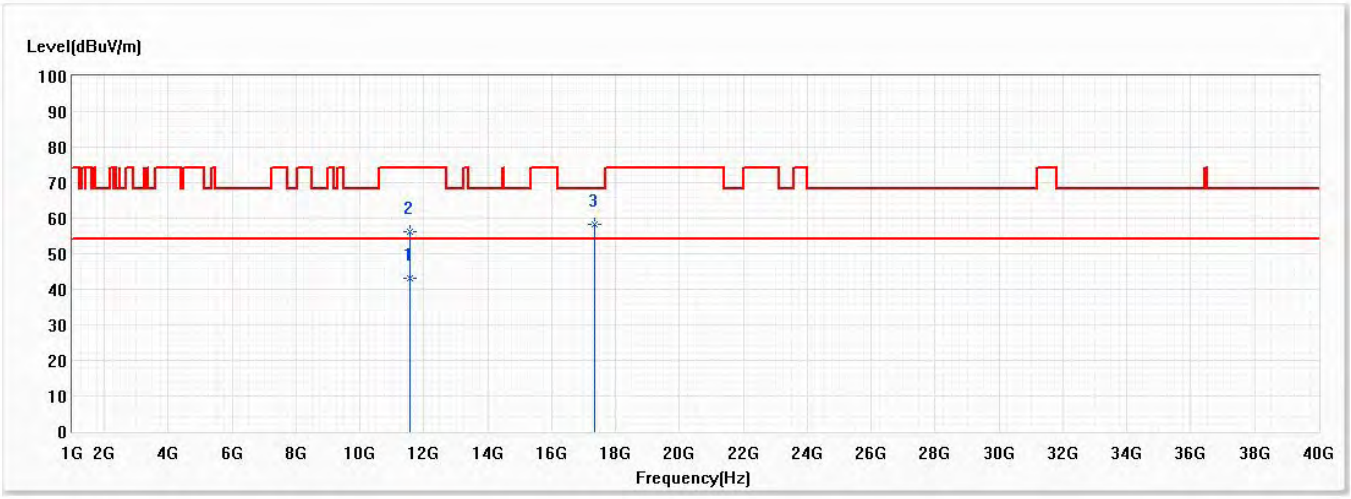


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11550.000	43.38	54.00	-10.62	40.64	2.74	AV
2	11550.000	56.06	74.00	-17.94	53.32	2.74	PK
* 3	17325.000	59.56	68.20	-8.64	53.75	5.81	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/21
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.3
Test Condition	802.11ax80,Ch155,5.775G,BW80M	Humidity (%RH)	53.9



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11550.000	43.25	54.00	-10.75	40.51	2.74	AV
2	11550.000	56.05	74.00	-17.95	53.31	2.74	PK
* 3	17325.000	58.21	68.20	-9.99	52.40	5.81	PK

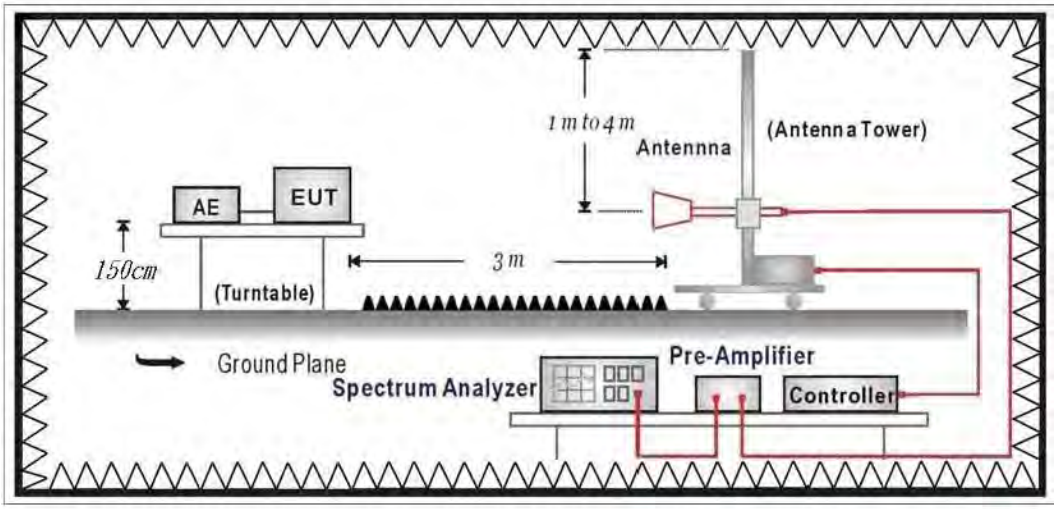
Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

7. Band Edge

7.1. Test Setup

RF Radiated Measurement:



7.2. Limits

➢ **General Radiated Emission Limits**

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section. Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	uV/m @3m	dBuV/m@3m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

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

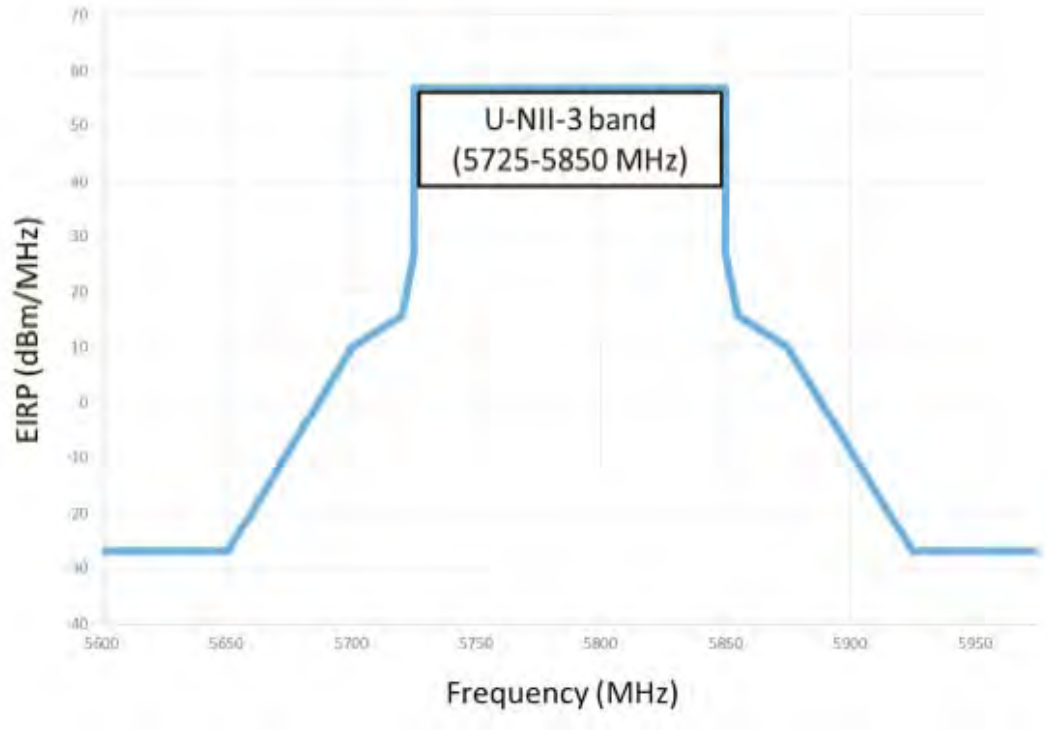
➢ **Unwanted Emission out of the restricted bands Limits**

FCC Part 15 Subpart E Paragraph 15.407(b) Limits		
Frequency (MHz)	EIRP Limit (dBm)	Equivalent Field Strength (dBuV/m@3m)
5150 - 5250	-27	68.3
5250 - 5350	-27	68.3
5470 - 5725	-27	68.3
5725 - 5850	-27 (Note1)	68.3
	-17 (Note2)	78.3

4. For transmitters operating in the 5.725-5.85 GHz band

(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.

(ii) Devices certified before March 2, 2019 with antenna gain greater than 10 dBi may demonstrate compliance with the emission limits in Section 15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease by March 2, 2018. Devices certified before March 2, 2018 with antenna gain of 10 dBi or less may demonstrate compliance with the emission limits in Section 15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease before March 2, 2020.



Remark:

1. For frequencies more than 10 MHz above or below the band edges.
2. For frequency range from the band edges to 10 MHz above or below the band edges.
3. uV/m = $\frac{1000000\sqrt{30 \times EIRP}}{3}$, RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

7.3. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 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.

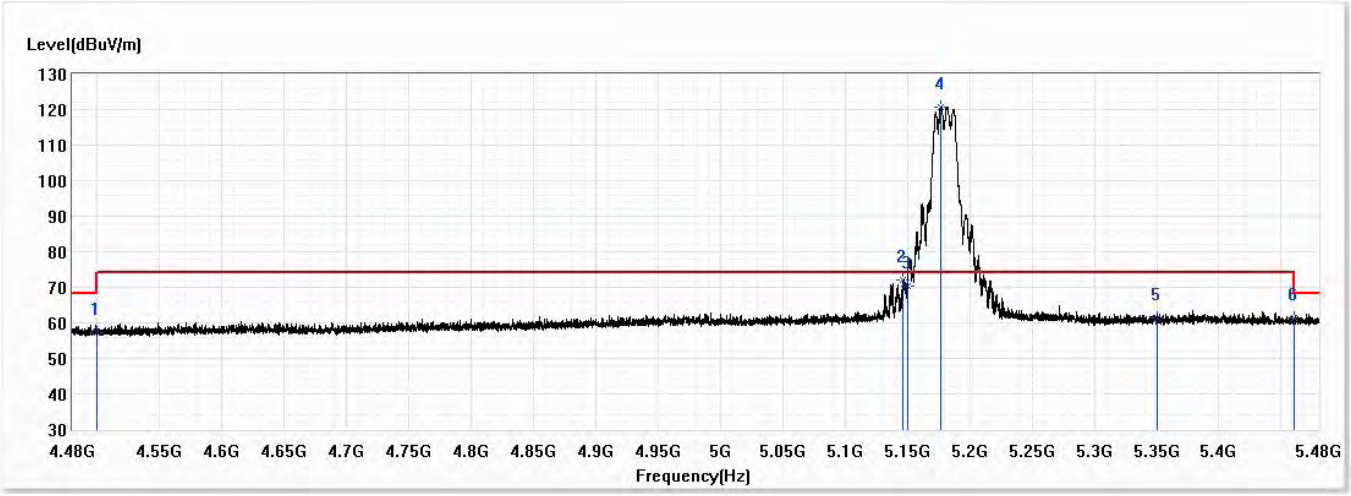
The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

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: 2013on radiated measurement.

The bandwidth below 1GHz setting on the field strength meter is 120 KHz, above 1GHz are 1 MHz.

7.4. Test Result

Model No	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11a,,Ch 36,5.18G,BW20M	Humidity (%RH)	53.4

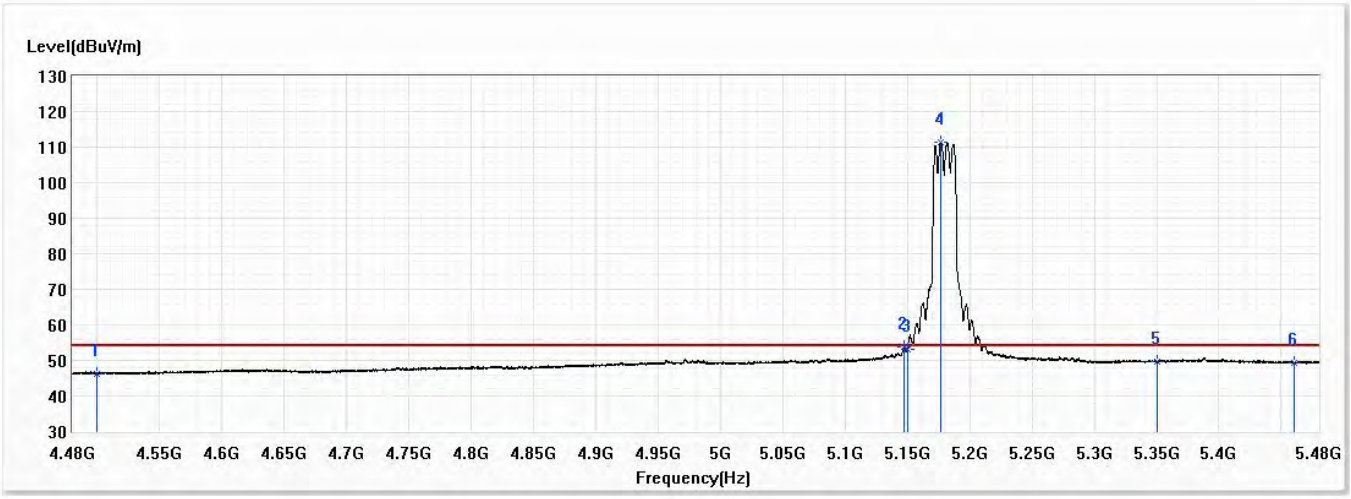


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	57.32	74.00	-16.68	33.65	23.67	PK
2	5146.750	72.05	74.00	-1.95	47.61	24.44	PK
3	5150.000	70.41	74.00	-3.59	45.97	24.44	PK
! 4	5177.250	120.85	74.00	46.85	96.35	24.50	PK
5	5350.000	61.28	74.00	-12.72	36.48	24.80	PK
6	5460.000	61.22	74.00	-12.78	36.23	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11a,,Ch 36,5.18G,BW20M	Humidity (%RH)	53.4

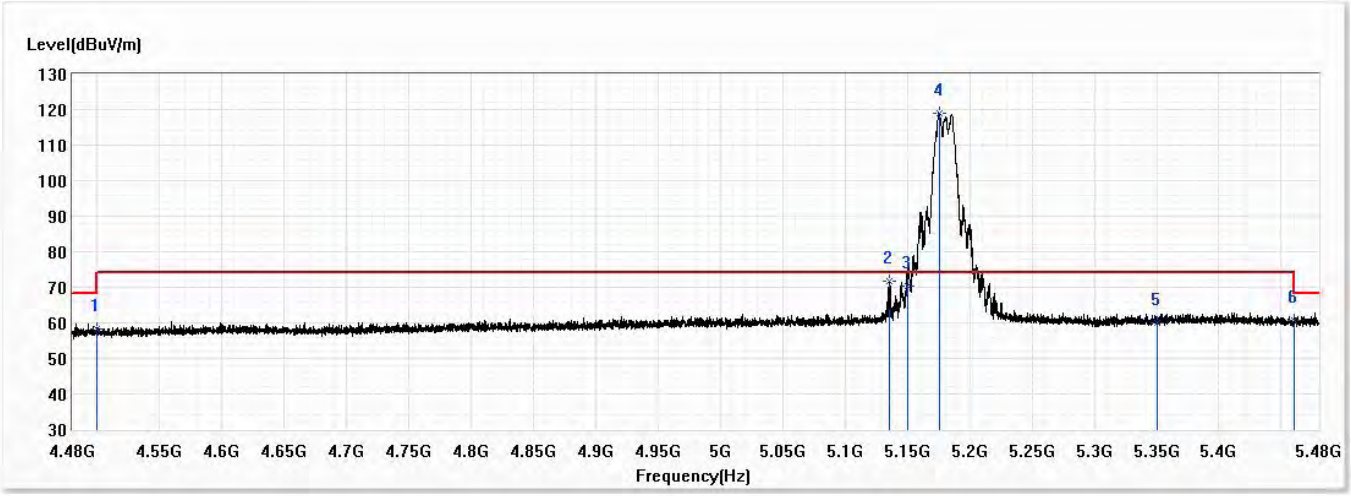


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.23	54.00	-7.77	22.56	23.67	AV
2	5147.125	53.65	54.00	-0.35	29.21	24.44	AV
3	5150.000	53.24	54.00	-0.76	28.80	24.44	AV
! 4	5176.750	111.49	54.00	57.49	86.99	24.50	AV
5	5350.000	49.72	54.00	-4.28	24.92	24.80	AV
6	5460.000	49.35	54.00	-4.65	24.36	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11a,,Ch 36,5.18G,BW20M	Humidity (%RH)	53.4

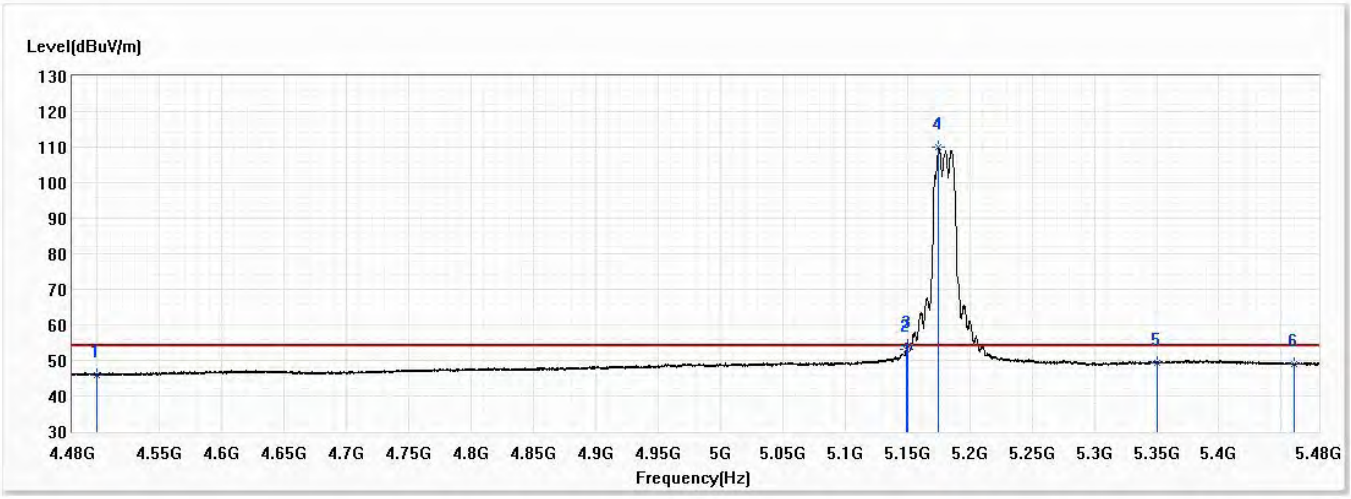


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	58.23	74.00	-15.77	34.56	23.67	PK
2	5135.500	71.77	74.00	-2.23	47.35	24.42	PK
3	5150.000	70.44	74.00	-3.56	46.00	24.44	PK
! 4	5175.500	119.11	74.00	45.11	94.61	24.50	PK
5	5350.000	60.07	74.00	-13.93	35.27	24.80	PK
6	5460.000	60.75	74.00	-13.25	35.76	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11a,,Ch 36,5.18G,BW20M	Humidity (%RH)	53.4

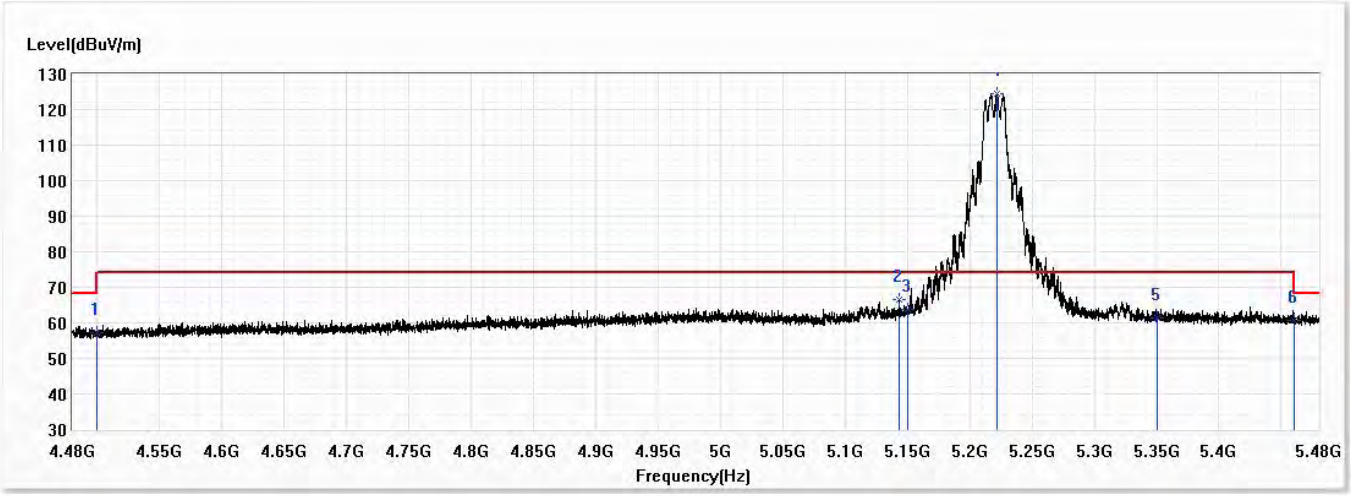


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	45.95	54.00	-8.05	22.28	23.67	AV
2	5149.125	53.01	54.00	-0.99	28.57	24.44	AV
3	5150.000	53.99	54.00	-0.01	29.55	24.44	AV
! 4	5175.125	109.83	54.00	55.83	85.33	24.50	AV
5	5350.000	49.46	54.00	-4.54	24.66	24.80	AV
6	5460.000	49.02	54.00	-4.98	24.03	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11a,Ch 44,5.22G,BW20M	Humidity (%RH)	53.4

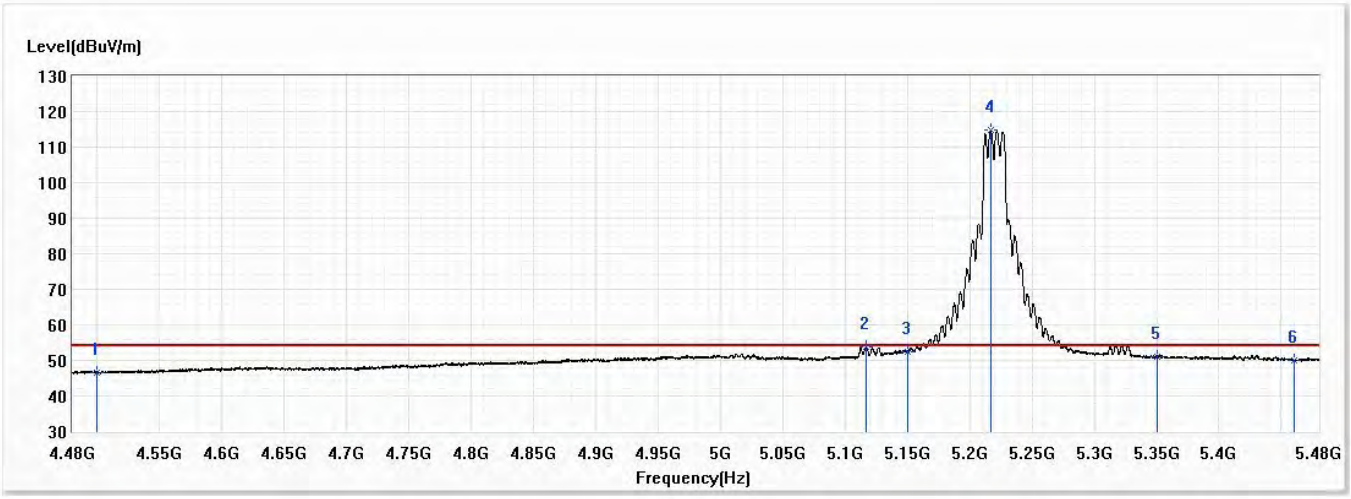


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	57.35	74.00	-16.65	33.68	23.67	PK
2	5143.250	66.44	74.00	-7.56	42.01	24.43	PK
3	5150.000	63.76	74.00	-10.24	39.32	24.44	PK
! 4	5221.750	124.49	74.00	50.49	99.93	24.56	PK
5	5350.000	61.34	74.00	-12.66	36.54	24.80	PK
6	5460.000	60.59	74.00	-13.41	35.60	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11a,Ch 44,5.22G,BW20M	Humidity (%RH)	53.4

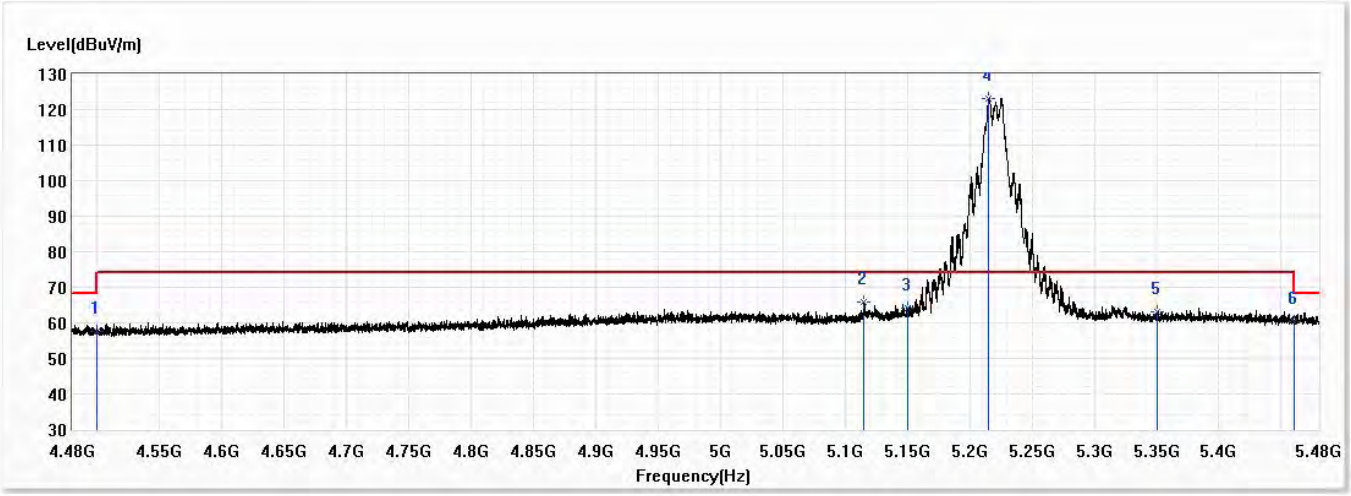


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.66	54.00	-7.34	22.99	23.67	AV
2	5116.875	53.71	54.00	-0.29	29.33	24.38	AV
3	5150.000	52.39	54.00	-1.61	27.95	24.44	AV
! 4	5216.875	114.72	54.00	60.72	90.16	24.56	AV
5	5350.000	51.07	54.00	-2.93	26.27	24.80	AV
6	5460.000	50.06	54.00	-3.94	25.07	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11a,Ch 44,5.22G,BW20M	Humidity (%RH)	53.4

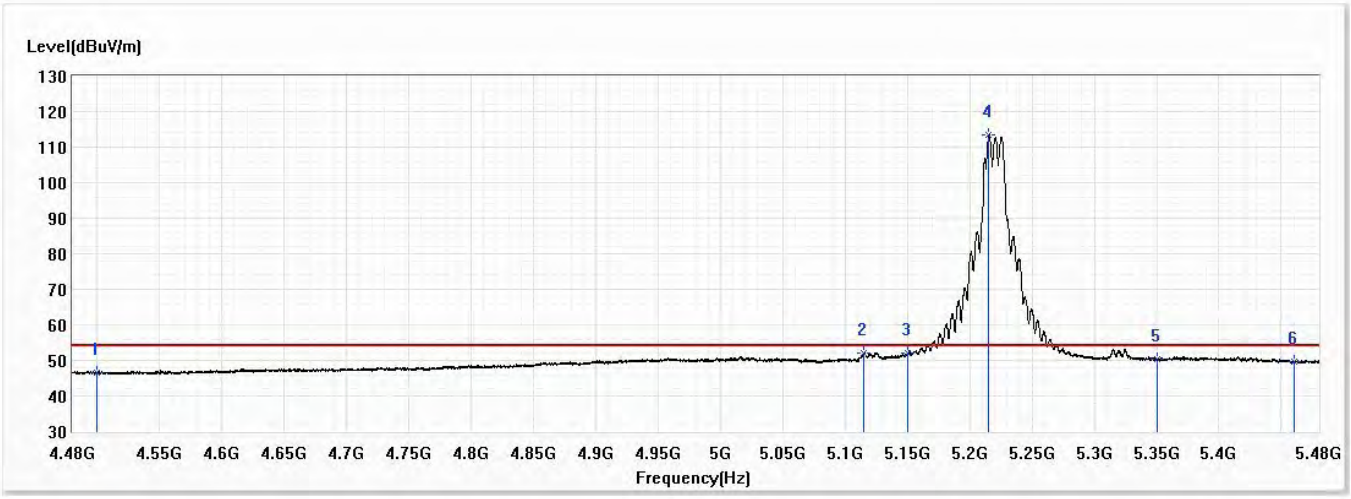


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	57.58	74.00	-16.42	33.91	23.67	PK
2	5115.125	65.98	74.00	-8.02	41.60	24.38	PK
3	5150.000	63.97	74.00	-10.03	39.53	24.44	PK
! 4	5215.375	123.24	74.00	49.24	98.68	24.56	PK
5	5350.000	63.12	74.00	-10.88	38.32	24.80	PK
6	5460.000	60.33	74.00	-13.67	35.34	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11a,Ch 44,5.22G,BW20M	Humidity (%RH)	53.4

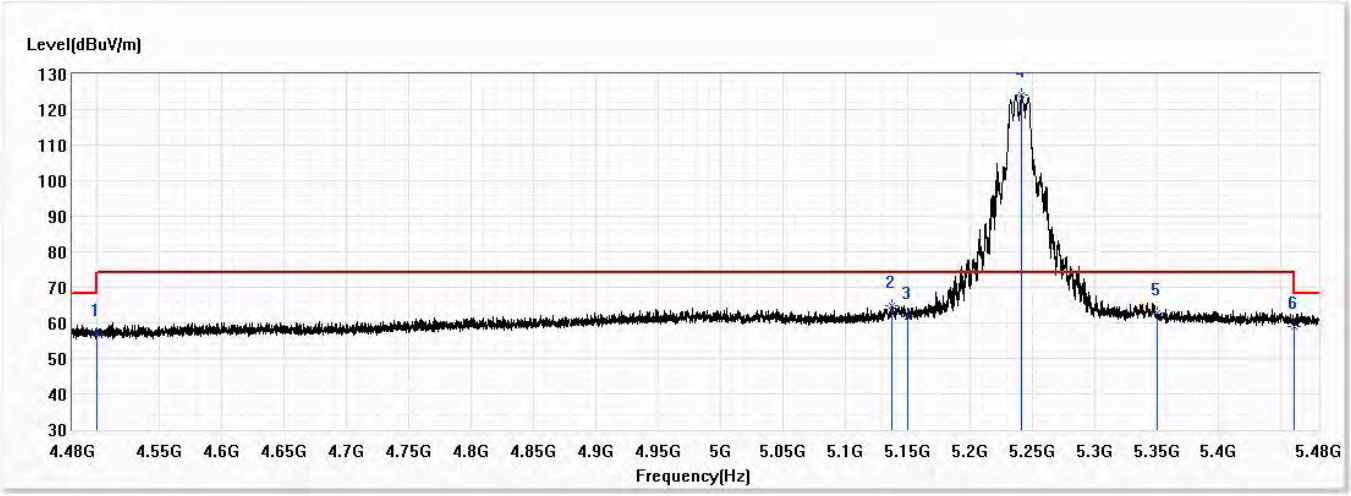


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.40	54.00	-7.60	22.73	23.67	AV
2	5115.375	52.17	54.00	-1.83	27.79	24.38	AV
3	5150.000	52.02	54.00	-1.98	27.58	24.44	AV
! 4	5215.500	113.54	54.00	59.54	88.98	24.56	AV
5	5350.000	50.39	54.00	-3.61	25.59	24.80	AV
6	5460.000	49.60	54.00	-4.40	24.61	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11a,Ch 48,5.24G,BW20M	Humidity (%RH)	53.4

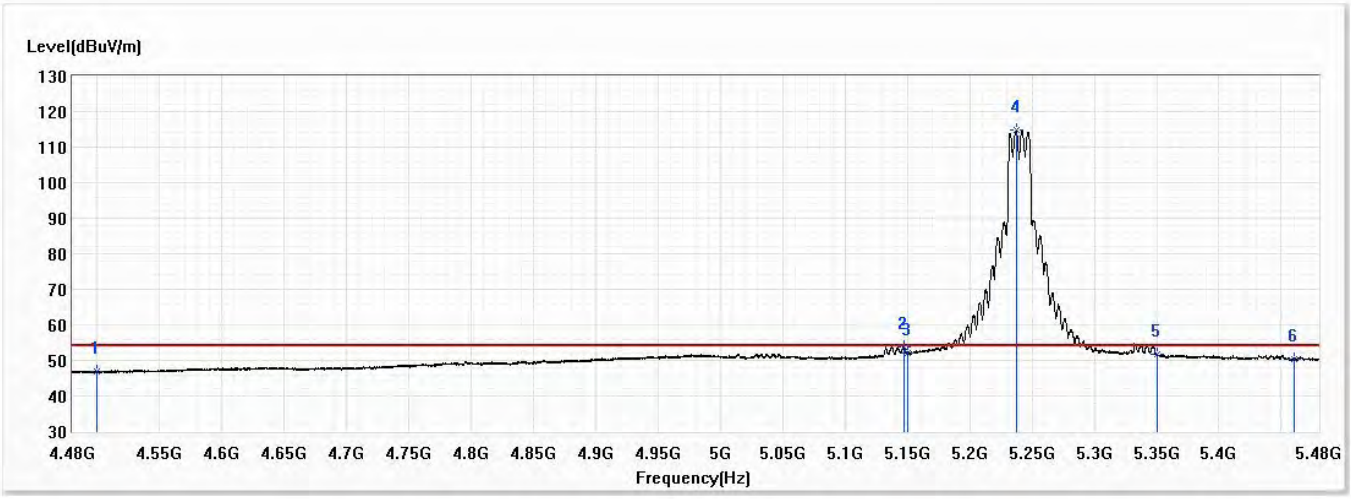


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	56.90	74.00	-17.10	33.23	23.67	PK
2	5137.250	64.78	74.00	-9.22	40.36	24.42	PK
3	5150.000	61.86	74.00	-12.14	37.42	24.44	PK
! 4	5241.750	123.99	74.00	49.99	99.38	24.61	PK
5	5350.000	62.88	74.00	-11.12	38.08	24.80	PK
6	5460.000	58.88	74.00	-15.12	33.89	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11a,Ch 48,5.24G,BW20M	Humidity (%RH)	53.4

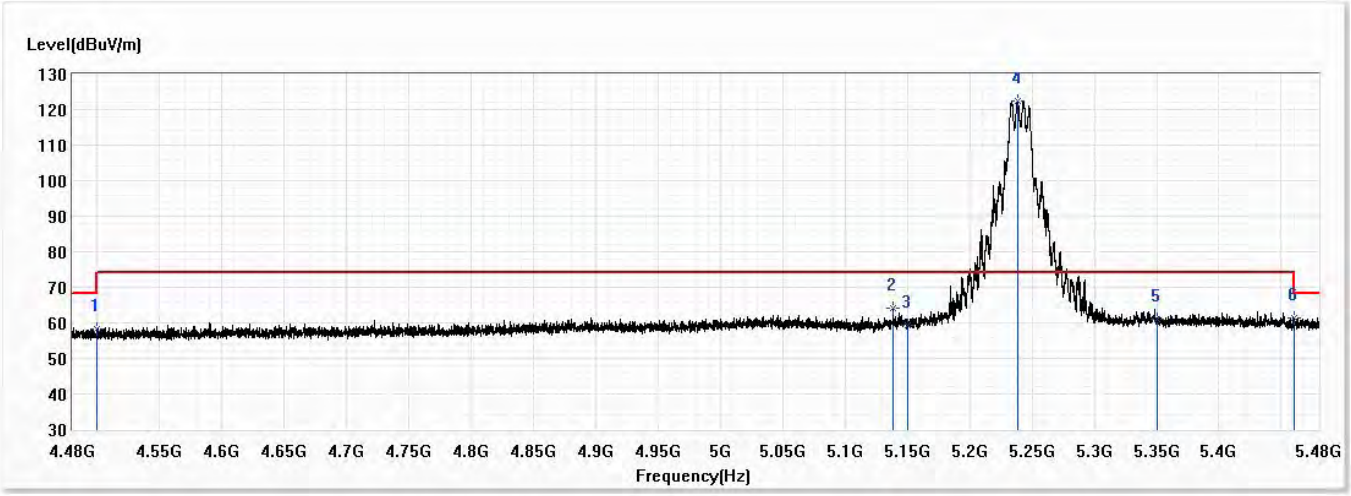


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.79	54.00	-7.21	23.12	23.67	AV
2	5146.875	53.91	54.00	-0.09	29.47	24.44	AV
3	5150.000	52.10	54.00	-1.90	27.66	24.44	AV
! 4	5237.250	114.73	54.00	60.73	90.13	24.60	AV
5	5350.000	51.72	54.00	-2.28	26.92	24.80	AV
6	5460.000	50.31	54.00	-3.69	25.32	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11a,Ch 48,5.24G,BW20M	Humidity (%RH)	53.4

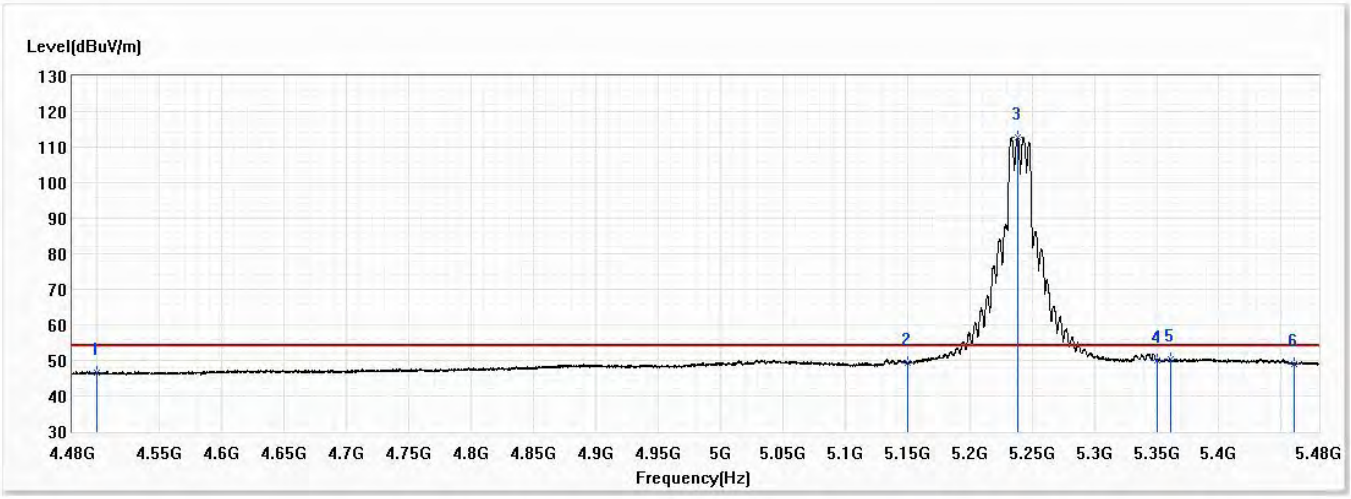


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	58.19	74.00	-15.81	34.52	23.67	PK
2	5138.375	64.06	74.00	-9.94	39.64	24.42	PK
3	5150.000	59.46	74.00	-14.54	35.02	24.44	PK
! 4	5238.125	122.50	74.00	48.50	97.90	24.60	PK
5	5350.000	60.98	74.00	-13.02	36.18	24.80	PK
6	5460.000	61.45	74.00	-12.55	36.46	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11a,Ch 48,5.24G,BW20M	Humidity (%RH)	53.4

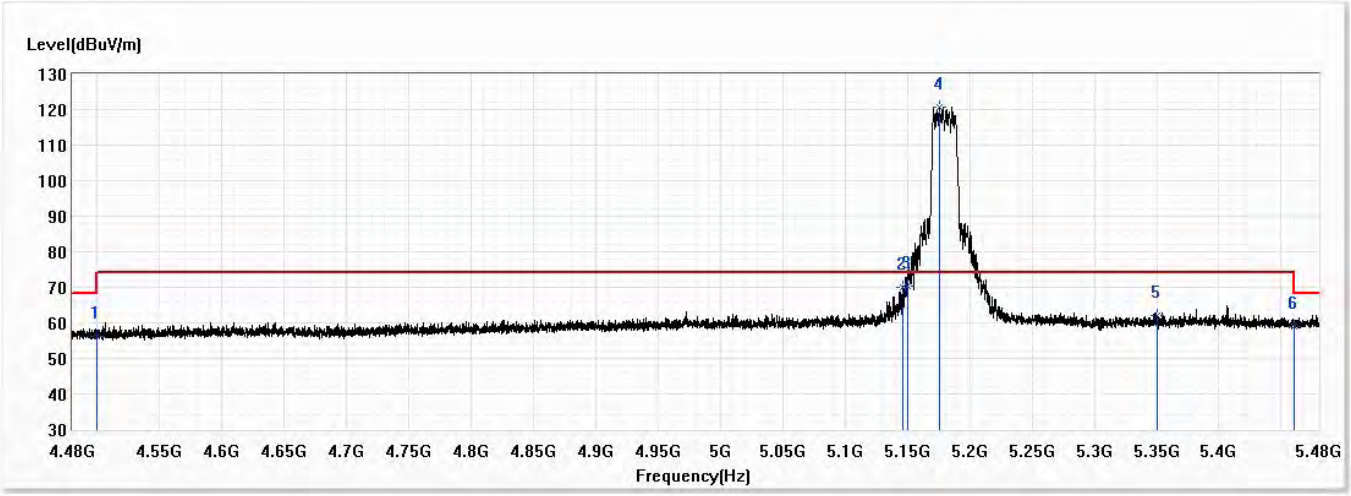


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.47	54.00	-7.53	22.80	23.67	AV
2	5150.000	49.17	54.00	-4.83	24.73	24.44	AV
! 3	5238.125	112.91	54.00	58.91	88.31	24.60	AV
4	5350.000	49.89	54.00	-4.11	25.09	24.80	AV
5	5361.000	50.39	54.00	-3.61	25.57	24.82	AV
6	5460.000	49.11	54.00	-4.89	24.12	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 36,5.18G,BW20M	Humidity (%RH)	53.4

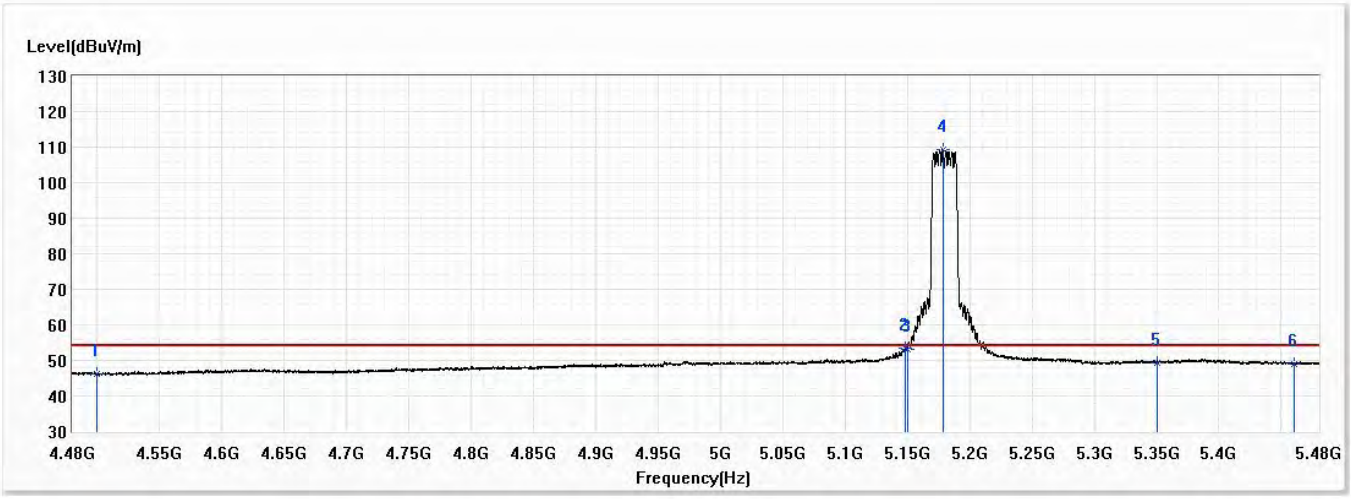


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	56.23	74.00	-17.77	32.56	23.67	PK
2	5146.625	70.09	74.00	-3.91	45.65	24.44	PK
3	5150.000	70.26	74.00	-3.74	45.82	24.44	PK
! 4	5176.000	120.76	74.00	46.76	96.26	24.50	PK
5	5350.000	62.04	74.00	-11.96	37.24	24.80	PK
6	5460.000	58.82	74.00	-15.18	33.83	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 36,5.18G,BW20M	Humidity (%RH)	53.4

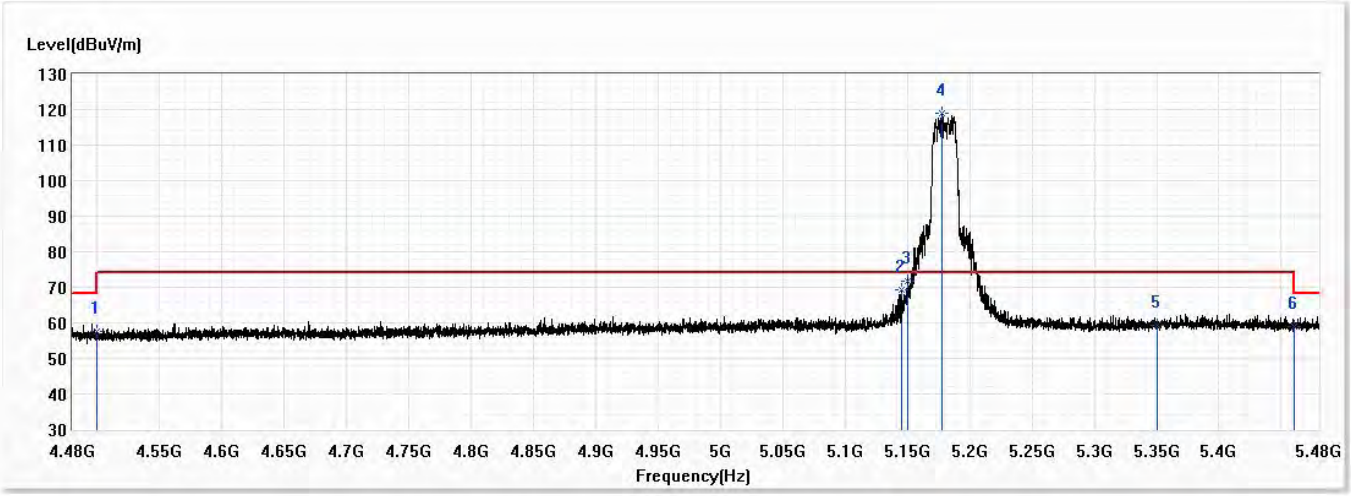


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.13	54.00	-7.87	22.46	23.67	AV
2	5148.125	53.59	54.00	-0.41	29.15	24.44	AV
3	5150.000	53.14	54.00	-0.86	28.70	24.44	AV
! 4	5178.250	109.40	54.00	55.40	84.90	24.50	AV
5	5350.000	49.47	54.00	-4.53	24.67	24.80	AV
6	5460.000	49.02	54.00	-4.98	24.03	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 36,5.18G,BW20M	Humidity (%RH)	53.4

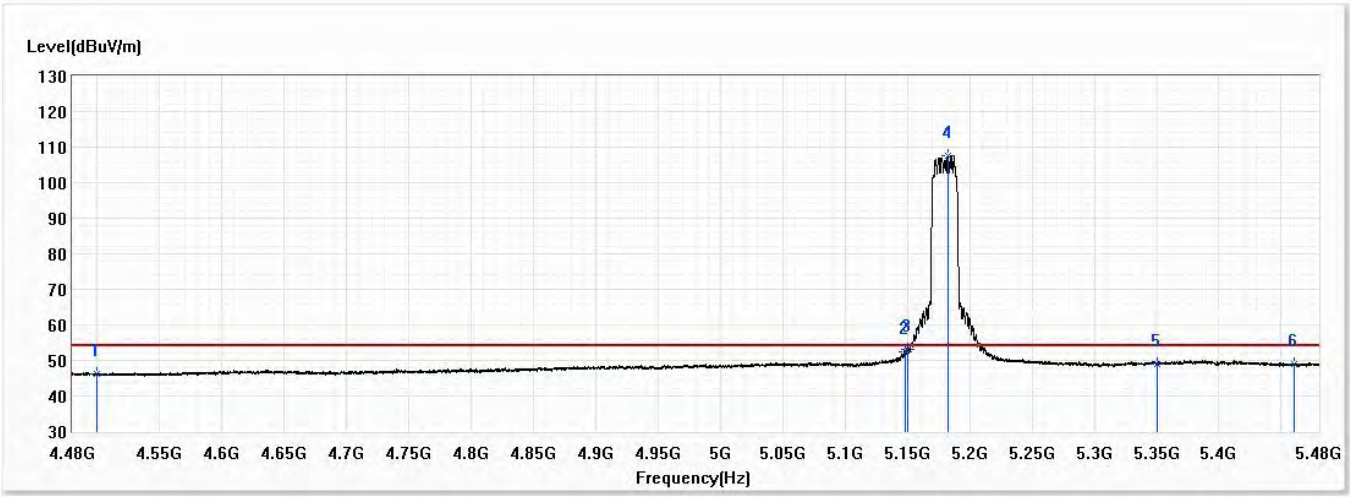


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	57.42	74.00	-16.58	33.75	23.67	PK
2	5145.000	69.19	74.00	-4.81	44.76	24.43	PK
3	5150.000	71.78	74.00	-2.22	47.34	24.44	PK
! 4	5178.125	118.81	74.00	44.81	94.31	24.50	PK
5	5350.000	59.21	74.00	-14.79	34.41	24.80	PK
6	5460.000	59.07	74.00	-14.93	34.08	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 36,5.18G,BW20M	Humidity (%RH)	53.4

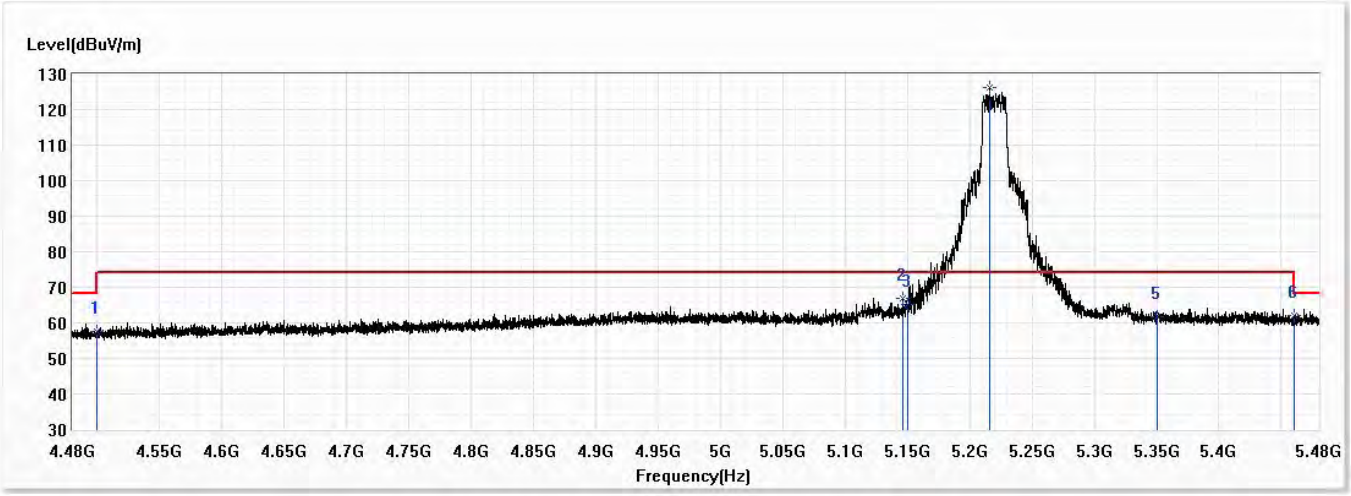


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.13	54.00	-7.87	22.46	23.67	AV
2	5148.375	52.55	54.00	-1.45	28.11	24.44	AV
3	5150.000	53.26	54.00	-0.74	28.82	24.44	AV
! 4	5182.750	107.52	54.00	53.52	83.02	24.50	AV
5	5350.000	48.95	54.00	-5.05	24.15	24.80	AV
6	5460.000	48.98	54.00	-5.02	23.99	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 44,5.22G,BW20M	Humidity (%RH)	53.4

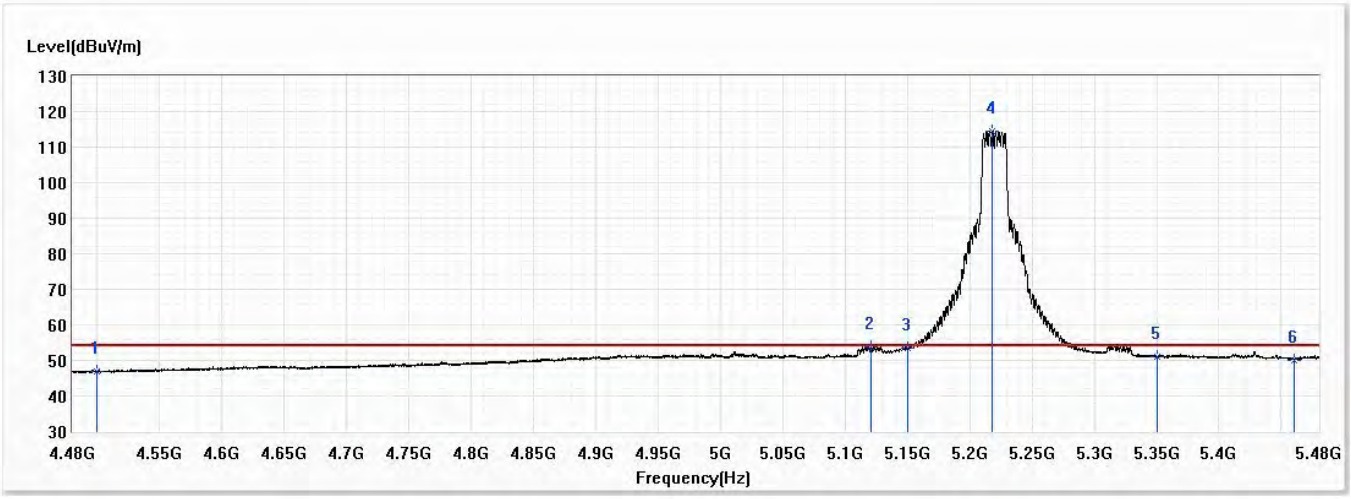


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	57.46	74.00	-16.54	33.79	23.67	PK
2	5146.625	67.05	74.00	-6.95	42.61	24.44	PK
3	5150.000	65.15	74.00	-8.85	40.71	24.44	PK
! 4	5215.875	126.10	74.00	52.10	101.54	24.56	PK
5	5350.000	61.89	74.00	-12.11	37.09	24.80	PK
6	5460.000	62.23	74.00	-11.77	37.24	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 44,5.22G,BW20M	Humidity (%RH)	53.4

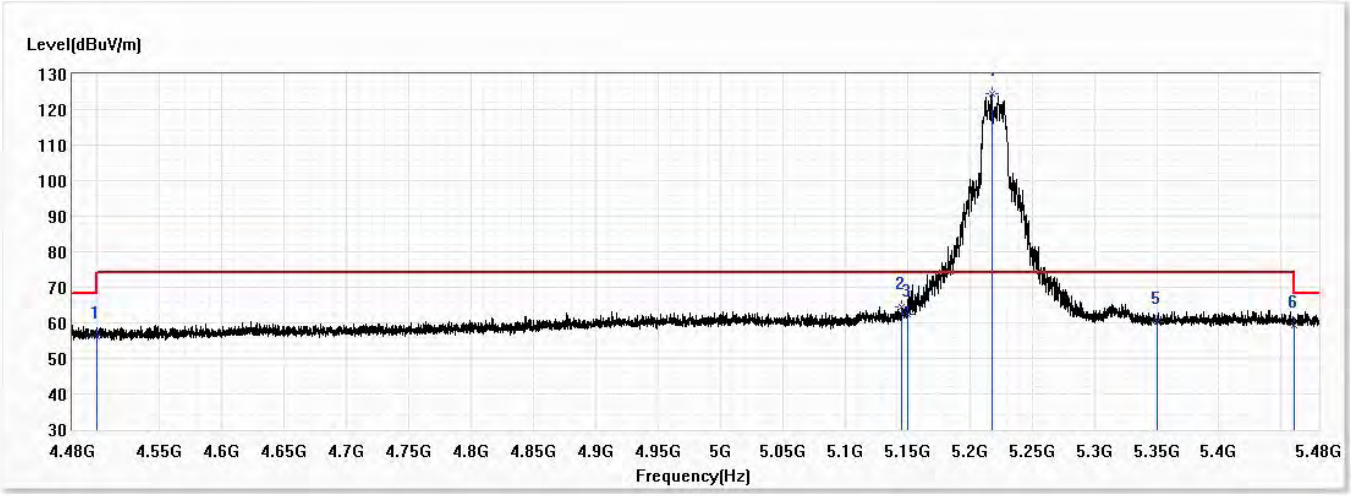


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.81	54.00	-7.19	23.14	23.67	AV
2	5120.625	53.74	54.00	-0.26	29.36	24.38	AV
3	5150.000	53.39	54.00	-0.61	28.95	24.44	AV
! 4	5218.375	114.48	54.00	60.48	89.92	24.56	AV
5	5350.000	51.16	54.00	-2.84	26.36	24.80	AV
6	5460.000	50.15	54.00	-3.85	25.16	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 44,5.22G,BW20M	Humidity (%RH)	53.4

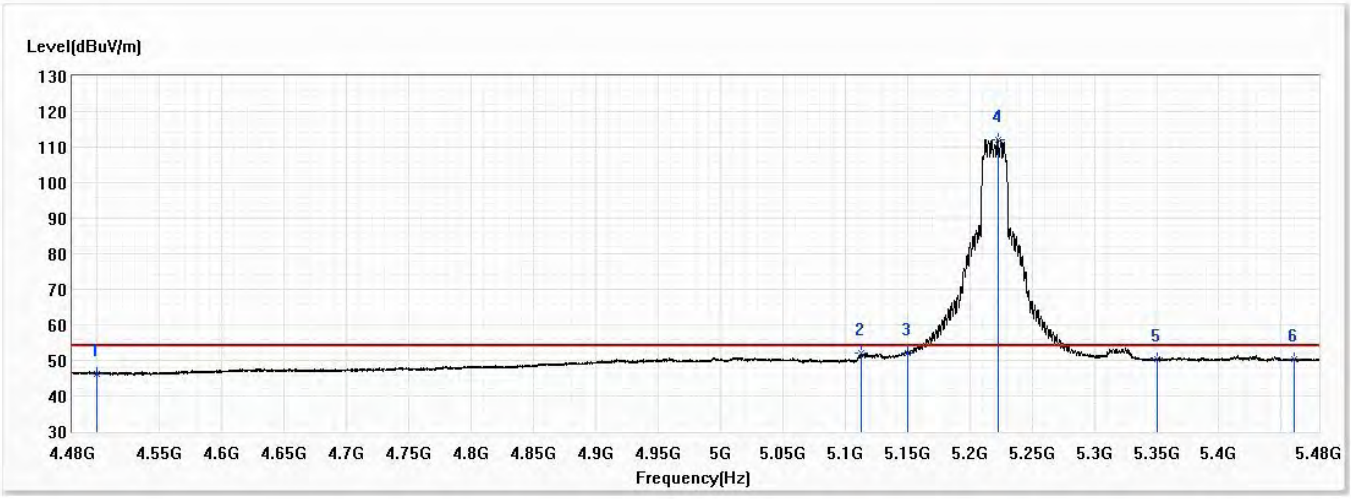


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	56.35	74.00	-17.65	32.68	23.67	PK
2	5145.750	64.64	74.00	-9.36	40.20	24.44	PK
3	5150.000	62.57	74.00	-11.43	38.13	24.44	PK
! 4	5217.750	124.34	74.00	50.34	99.78	24.56	PK
5	5350.000	60.45	74.00	-13.55	35.65	24.80	PK
6	5460.000	59.28	74.00	-14.72	34.29	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 44,5.22G,BW20M	Humidity (%RH)	53.4

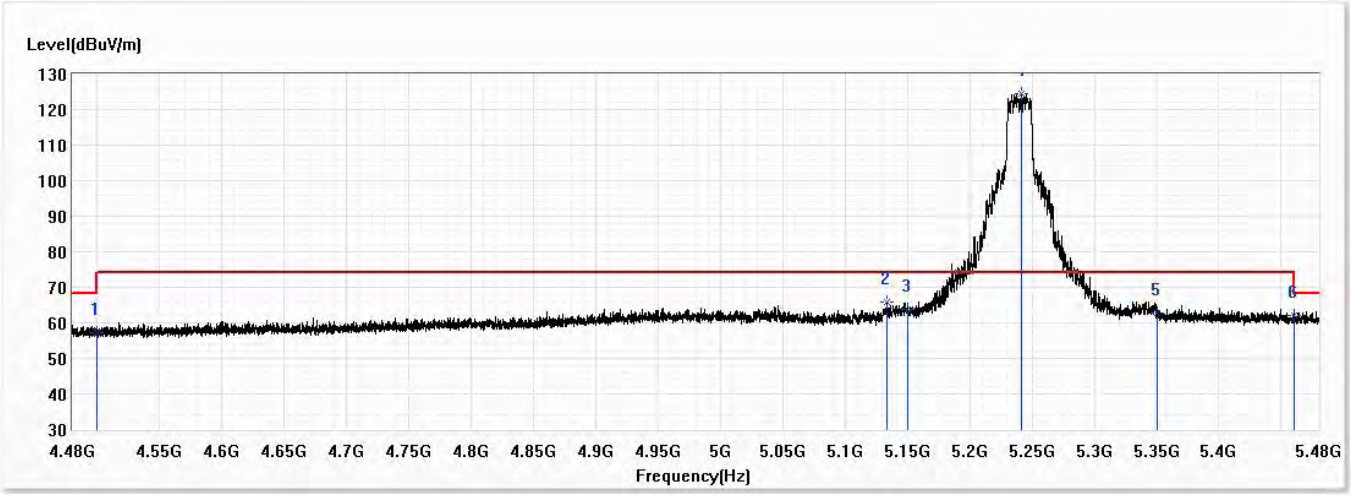


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.31	54.00	-7.69	22.64	23.67	AV
2	5112.625	51.99	54.00	-2.01	27.62	24.37	AV
3	5150.000	51.90	54.00	-2.10	27.46	24.44	AV
! 4	5222.500	112.06	54.00	58.06	87.50	24.56	AV
5	5350.000	50.32	54.00	-3.68	25.52	24.80	AV
6	5460.000	50.31	54.00	-3.69	25.32	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 48,5.24G,BW20M	Humidity (%RH)	53.4

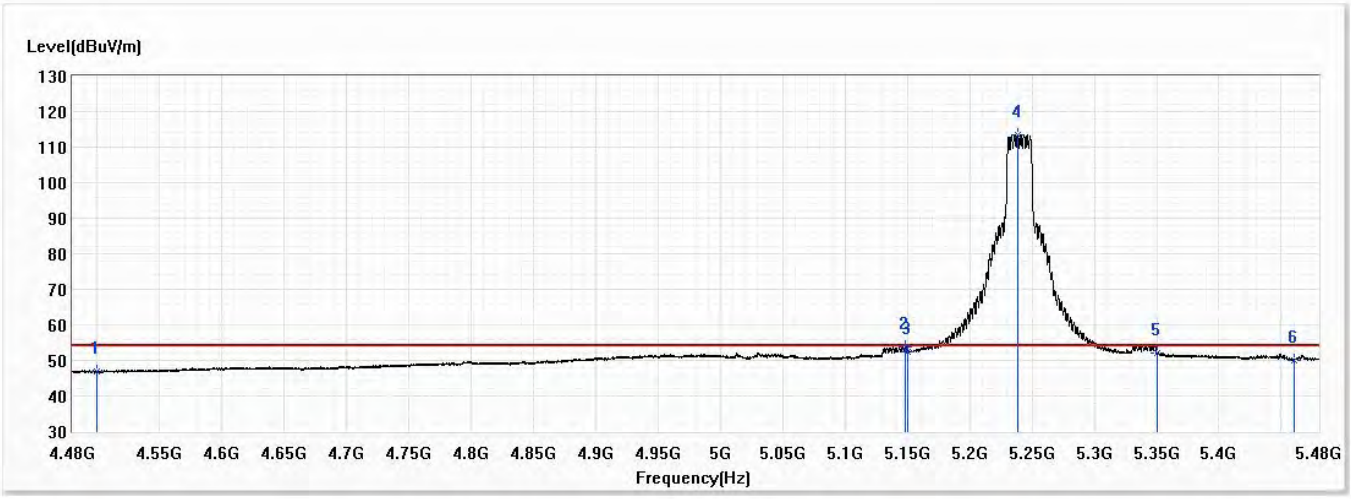


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	57.40	74.00	-16.60	33.73	23.67	PK
2	5133.750	65.73	74.00	-8.27	41.32	24.41	PK
3	5150.000	63.88	74.00	-10.12	39.44	24.44	PK
! 4	5241.125	124.63	74.00	50.63	100.03	24.60	PK
5	5350.000	62.76	74.00	-11.24	37.96	24.80	PK
6	5460.000	62.08	74.00	-11.92	37.09	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 48,5.24G,BW20M	Humidity (%RH)	53.4

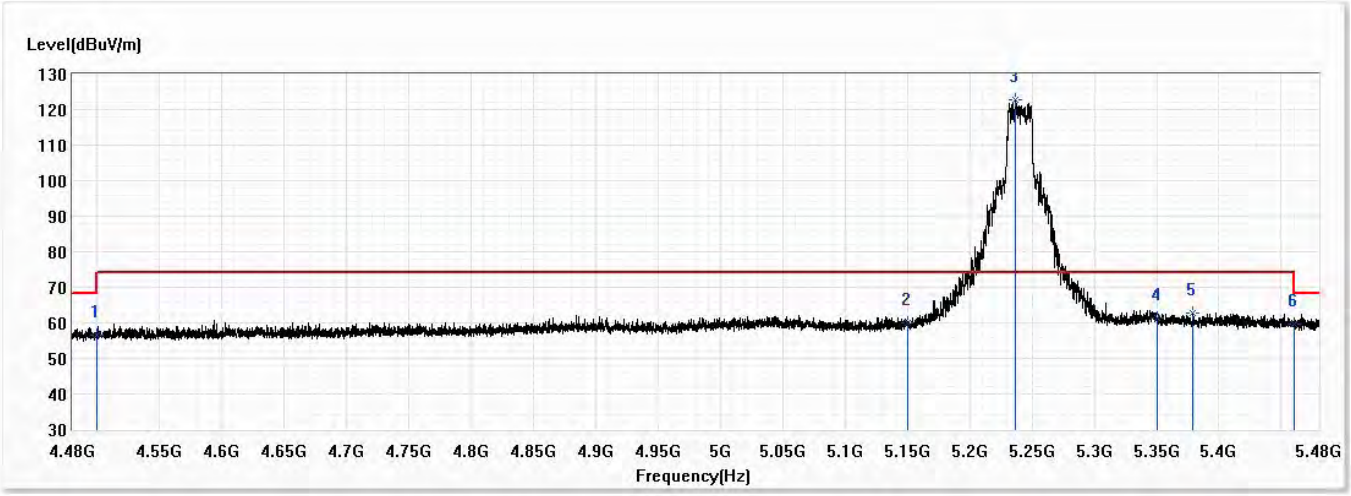


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.84	54.00	-7.16	23.17	23.67	AV
2	5148.500	53.88	54.00	-0.12	29.44	24.44	AV
3	5150.000	52.53	54.00	-1.47	28.09	24.44	AV
! 4	5238.375	113.57	54.00	59.57	88.97	24.60	AV
5	5350.000	52.06	54.00	-1.94	27.26	24.80	AV
6	5460.000	50.12	54.00	-3.88	25.13	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 48,5.24G,BW20M	Humidity (%RH)	53.4

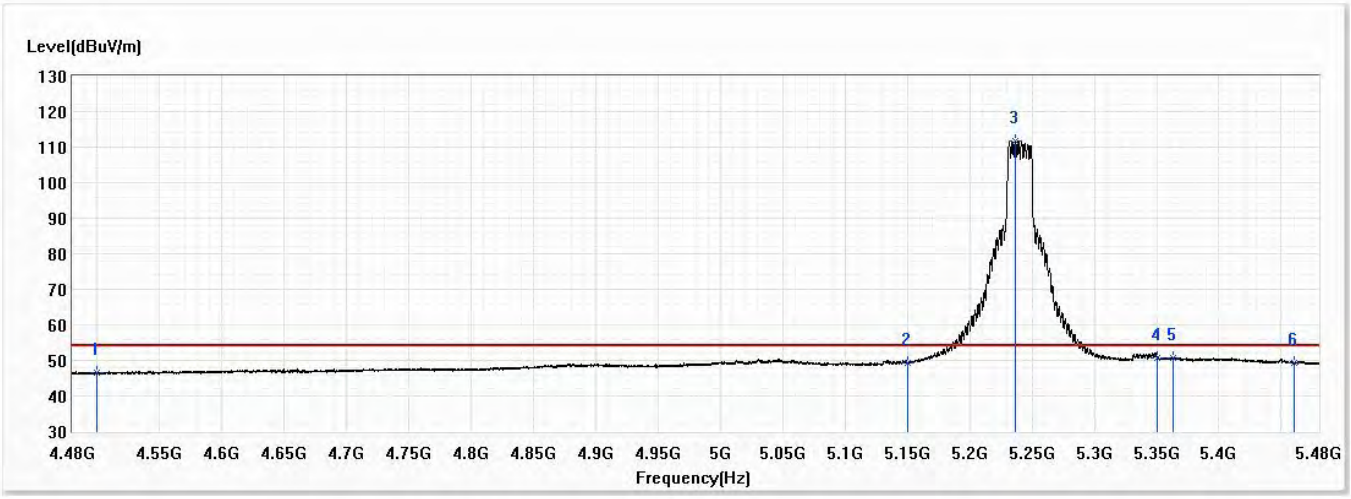


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	56.38	74.00	-17.62	32.71	23.67	PK
2	5150.000	60.09	74.00	-13.91	35.65	24.44	PK
! 3	5236.875	122.72	74.00	48.72	98.12	24.60	PK
4	5350.000	61.22	74.00	-12.78	36.42	24.80	PK
5	5379.375	62.84	74.00	-11.16	37.98	24.86	PK
6	5460.000	59.52	74.00	-14.48	34.53	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 48,5.24G,BW20M	Humidity (%RH)	53.4

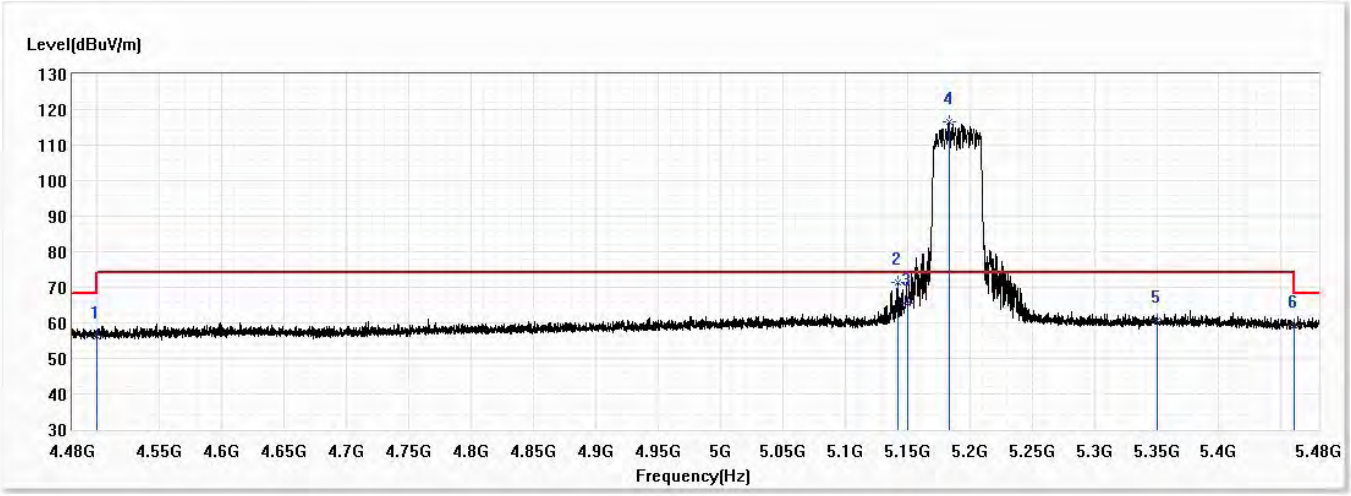


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.43	54.00	-7.57	22.76	23.67	AV
2	5150.000	49.27	54.00	-4.73	24.83	24.44	AV
! 3	5236.625	111.73	54.00	57.73	87.13	24.60	AV
4	5350.000	50.75	54.00	-3.25	25.95	24.80	AV
5	5362.875	50.73	54.00	-3.27	25.91	24.82	AV
6	5460.000	49.40	54.00	-4.60	24.41	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/18
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax40,Ch 38,5.19G,BW40M	Humidity (%RH)	53.4

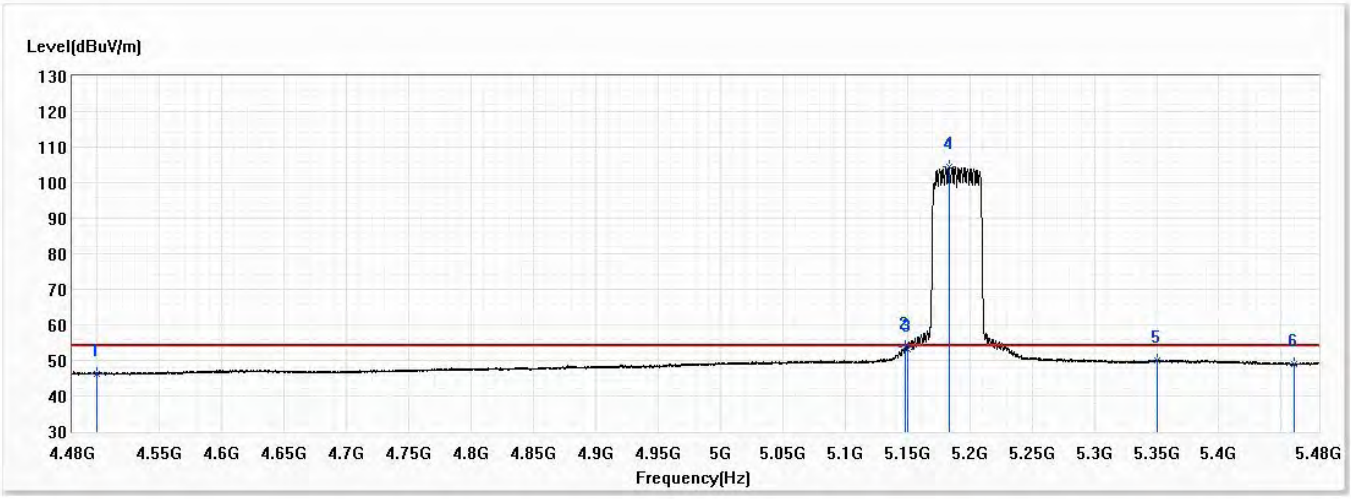


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	56.14	74.00	-17.86	32.47	23.67	PK
2	5142.625	71.33	74.00	-2.67	46.90	24.43	PK
3	5150.000	65.40	74.00	-8.60	40.96	24.44	PK
! 4	5183.250	116.64	74.00	42.64	92.14	24.50	PK
5	5350.000	60.82	74.00	-13.18	36.02	24.80	PK
6	5460.000	59.34	74.00	-14.66	34.35	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/18
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax40,Ch 38,5.19G,BW40M	Humidity (%RH)	53.4

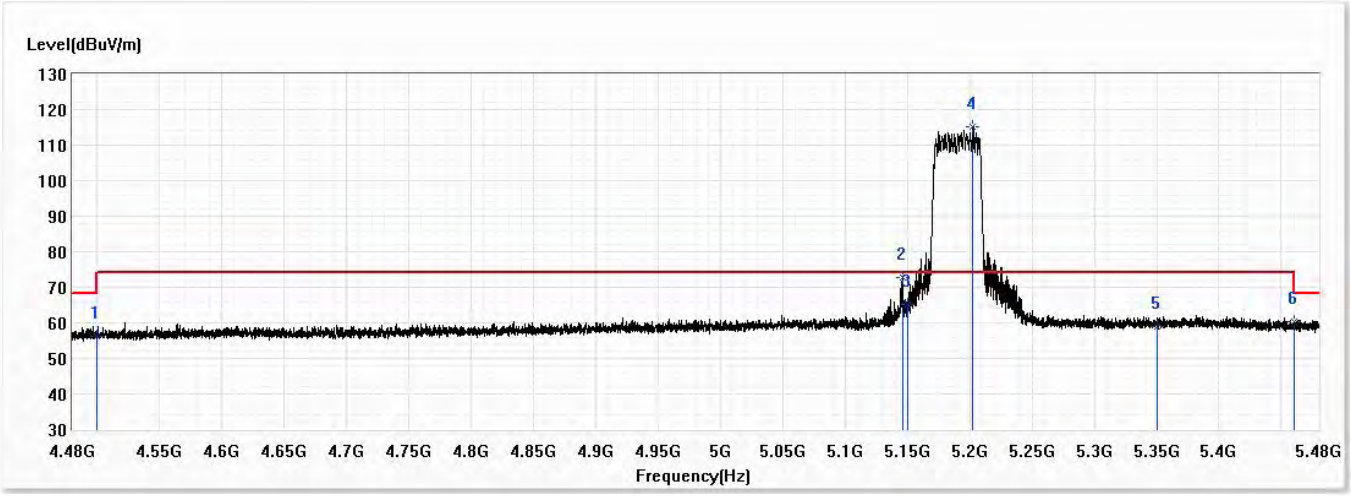


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.37	54.00	-7.63	22.70	23.67	AV
2	5148.375	53.96	54.00	-0.04	29.52	24.44	AV
3	5150.000	53.19	54.00	-0.81	28.75	24.44	AV
! 4	5183.500	104.33	54.00	50.33	79.83	24.50	AV
5	5350.000	49.93	54.00	-4.07	25.13	24.80	AV
6	5460.000	48.97	54.00	-5.03	23.98	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/18
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11ax40,Ch 38,5.19G,BW40M	Humidity (%RH)	53.4

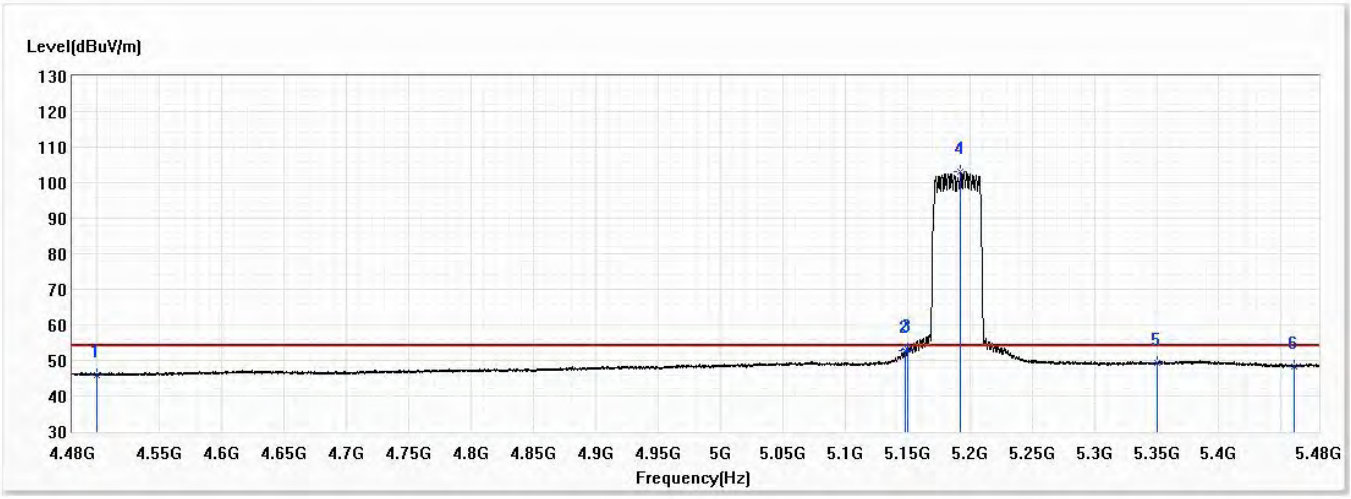


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	56.08	74.00	-17.92	32.41	23.67	PK
2	5146.250	72.72	74.00	-1.28	48.28	24.44	PK
3	5150.000	65.31	74.00	-8.69	40.87	24.44	PK
! 4	5202.375	115.15	74.00	41.15	90.62	24.53	PK
5	5350.000	59.00	74.00	-15.00	34.20	24.80	PK
6	5460.000	60.39	74.00	-13.61	35.40	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/18
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11ax40,Ch 38,5.19G,BW40M	Humidity (%RH)	53.4

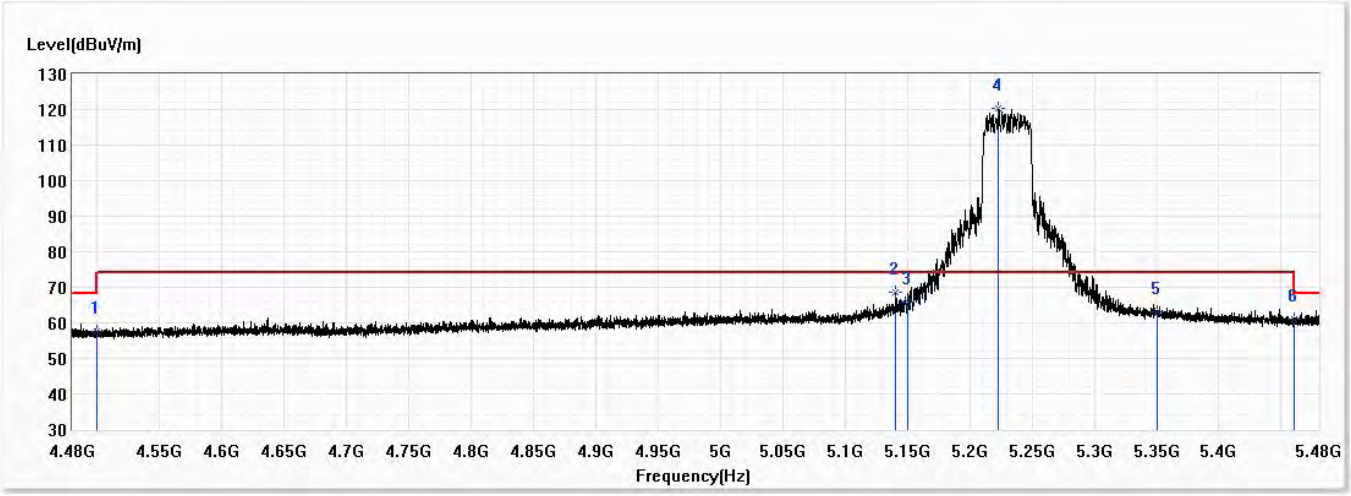


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.02	54.00	-7.98	22.35	23.67	AV
2	5148.250	52.66	54.00	-1.34	28.22	24.44	AV
3	5150.000	53.07	54.00	-0.93	28.63	24.44	AV
! 4	5192.625	103.26	54.00	49.26	78.74	24.52	AV
5	5350.000	49.20	54.00	-4.80	24.40	24.80	AV
6	5460.000	48.36	54.00	-5.64	23.37	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/18
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax40,Ch 46,5.23G,BW40M	Humidity (%RH)	53.4

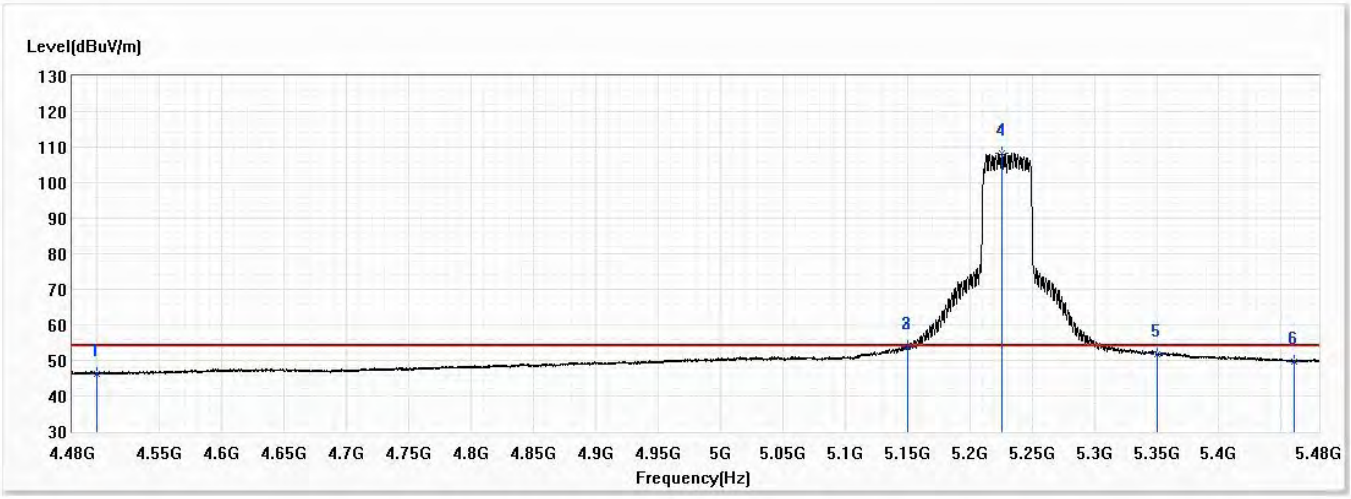


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	57.75	74.00	-16.25	34.08	23.67	PK
2	5140.875	68.71	74.00	-5.29	44.28	24.43	PK
3	5150.000	65.79	74.00	-8.21	41.35	24.44	PK
! 4	5223.250	120.40	74.00	46.40	95.84	24.56	PK
5	5350.000	63.01	74.00	-10.99	38.21	24.80	PK
6	5460.000	60.94	74.00	-13.06	35.95	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/18
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax40,Ch 46,5.23G,BW40M	Humidity (%RH)	53.4

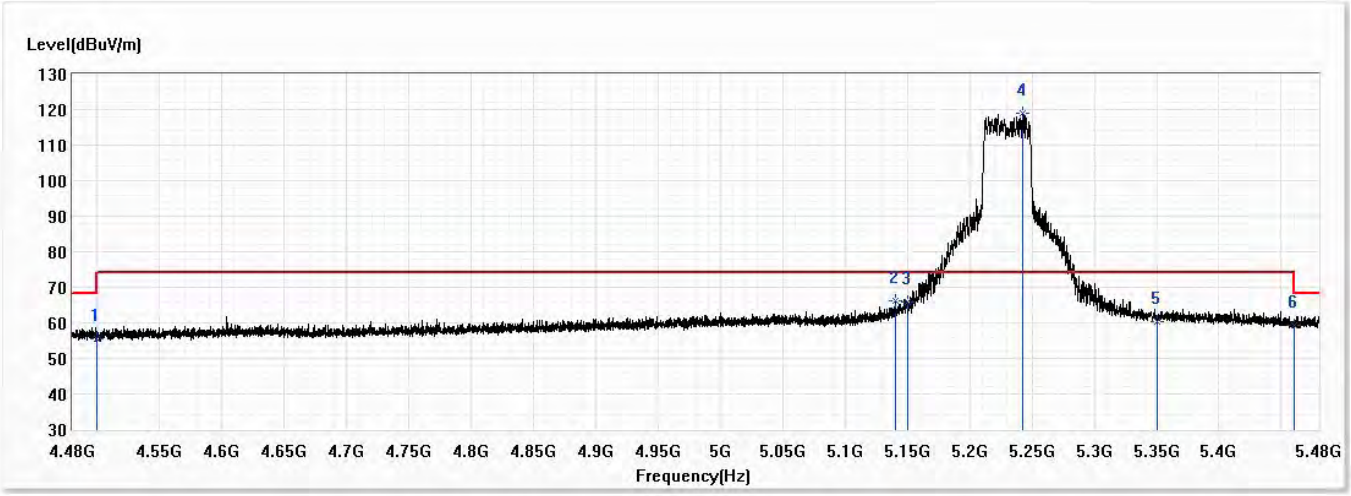


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.35	54.00	-7.65	22.68	23.67	AV
2	5149.875	53.95	54.00	-0.05	29.51	24.44	AV
3	5150.000	53.82	54.00	-0.18	29.38	24.44	AV
! 4	5225.875	108.36	54.00	54.36	83.77	24.59	AV
5	5350.000	51.82	54.00	-2.18	27.02	24.80	AV
6	5460.000	49.79	54.00	-4.21	24.80	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/18
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11ax40,Ch 46,5.23G,BW40M	Humidity (%RH)	53.4

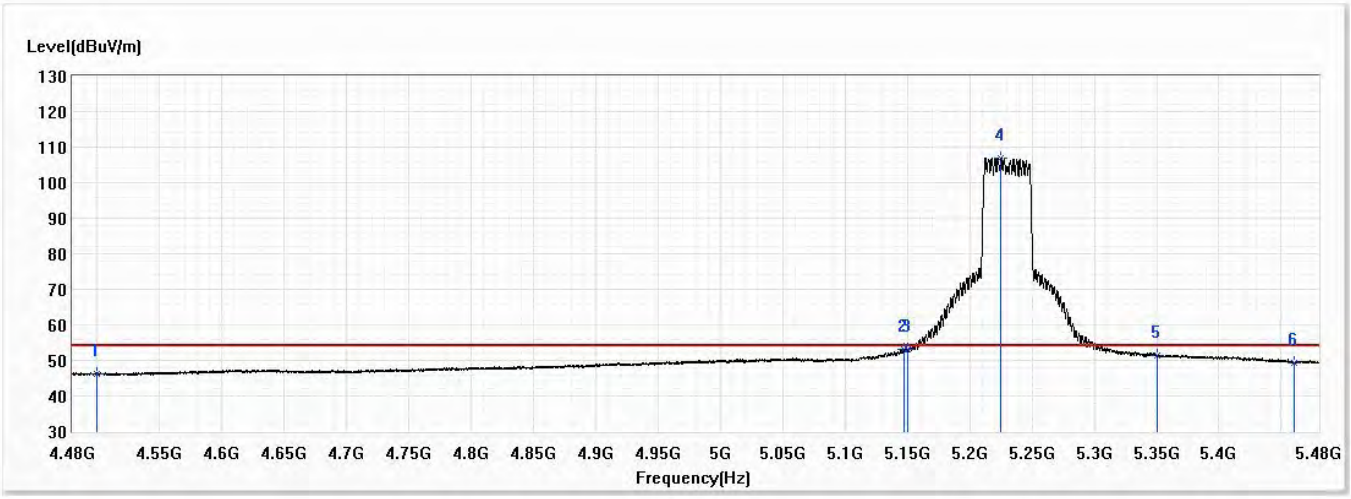


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	55.53	74.00	-18.47	31.86	23.67	PK
2	5140.125	66.29	74.00	-7.71	41.86	24.43	PK
3	5150.000	66.00	74.00	-8.00	41.56	24.44	PK
! 4	5243.000	119.03	74.00	45.03	94.42	24.61	PK
5	5350.000	60.40	74.00	-13.60	35.60	24.80	PK
6	5460.000	59.34	74.00	-14.66	34.35	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/18
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11ax40,Ch 46,5.23G,BW40M	Humidity (%RH)	53.4

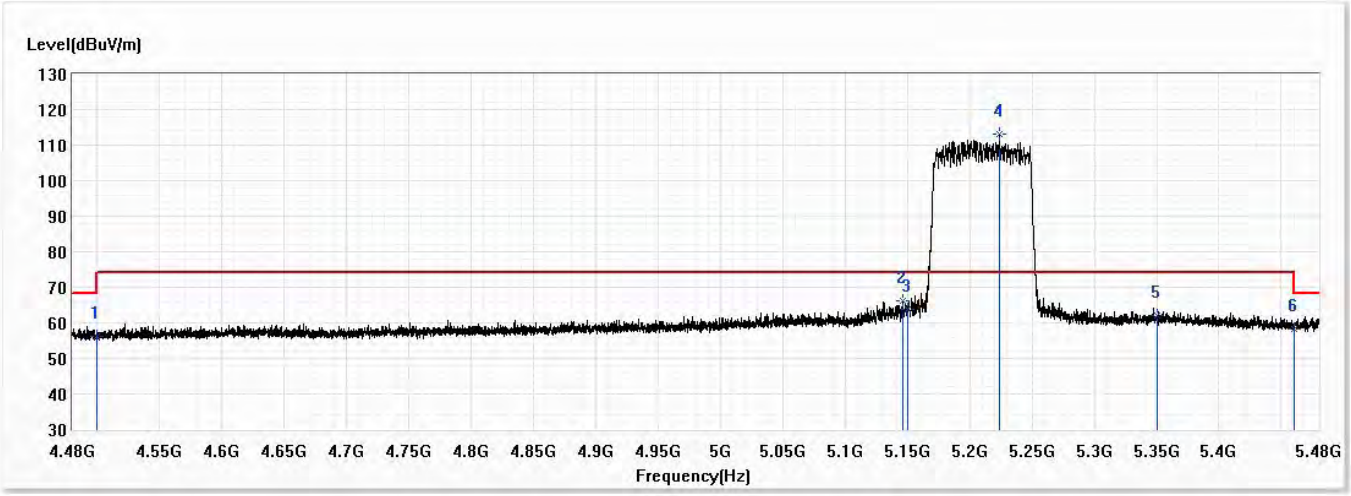


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.18	54.00	-7.82	22.51	23.67	AV
2	5147.000	52.98	54.00	-1.02	28.54	24.44	AV
3	5150.000	53.03	54.00	-0.97	28.59	24.44	AV
! 4	5225.125	107.00	54.00	53.00	82.41	24.59	AV
5	5350.000	51.29	54.00	-2.71	26.49	24.80	AV
6	5460.000	49.40	54.00	-4.60	24.41	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/18
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax80,Ch 42,5.21G,BW80M	Humidity (%RH)	53.4

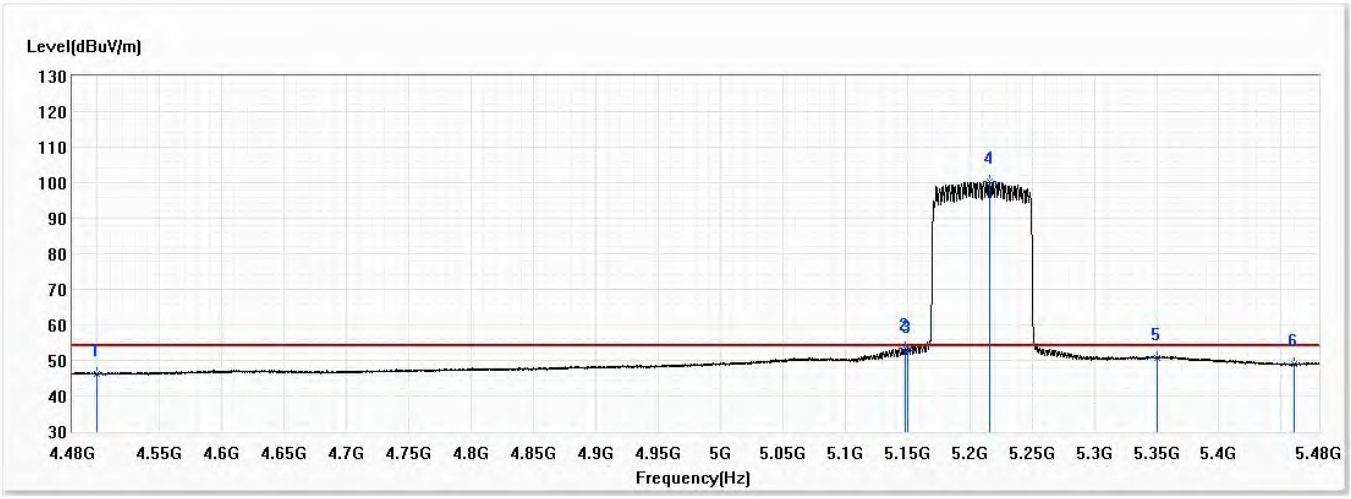


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	56.34	74.00	-17.66	32.67	23.67	PK
2	5146.375	66.27	74.00	-7.73	41.83	24.44	PK
3	5150.000	63.83	74.00	-10.17	39.39	24.44	PK
! 4	5223.875	113.12	74.00	39.12	88.56	24.56	PK
5	5350.000	61.99	74.00	-12.01	37.19	24.80	PK
6	5460.000	58.31	74.00	-15.69	33.32	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/18
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax80,Ch 42,5.21G,BW80M	Humidity (%RH)	53.4

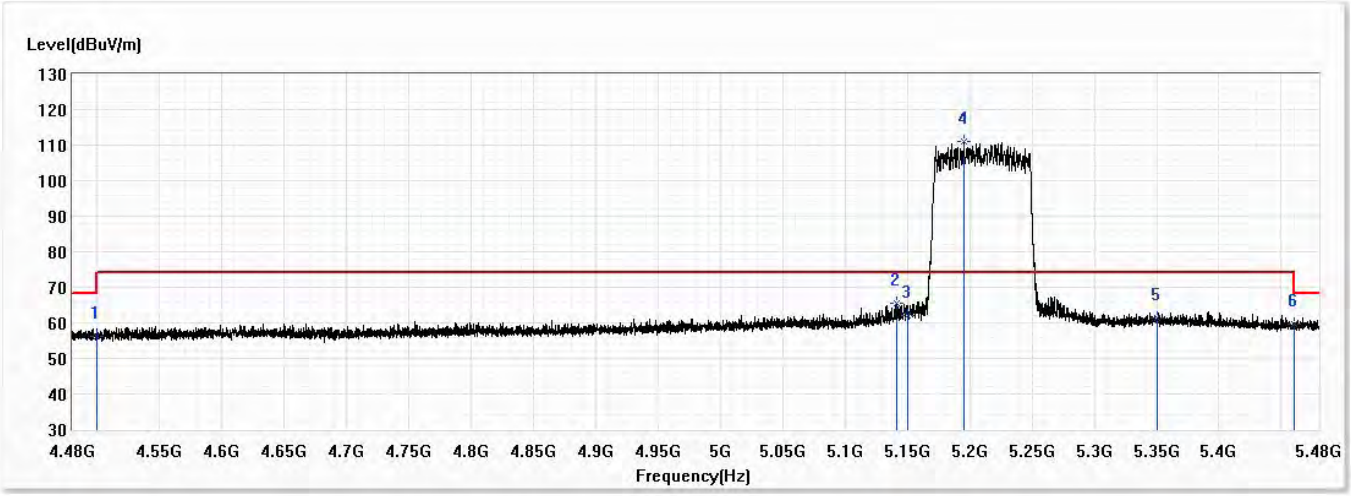


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.06	54.00	-7.94	22.39	23.67	AV
2	5148.000	53.42	54.00	-0.58	28.98	24.44	AV
3	5150.000	52.71	54.00	-1.29	28.27	24.44	AV
! 4	5216.125	100.31	54.00	46.31	75.75	24.56	AV
5	5350.000	50.83	54.00	-3.17	26.03	24.80	AV
6	5460.000	48.91	54.00	-5.09	23.92	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/18
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11ax80,Ch 42,5.21G,BW80M	Humidity (%RH)	53.4

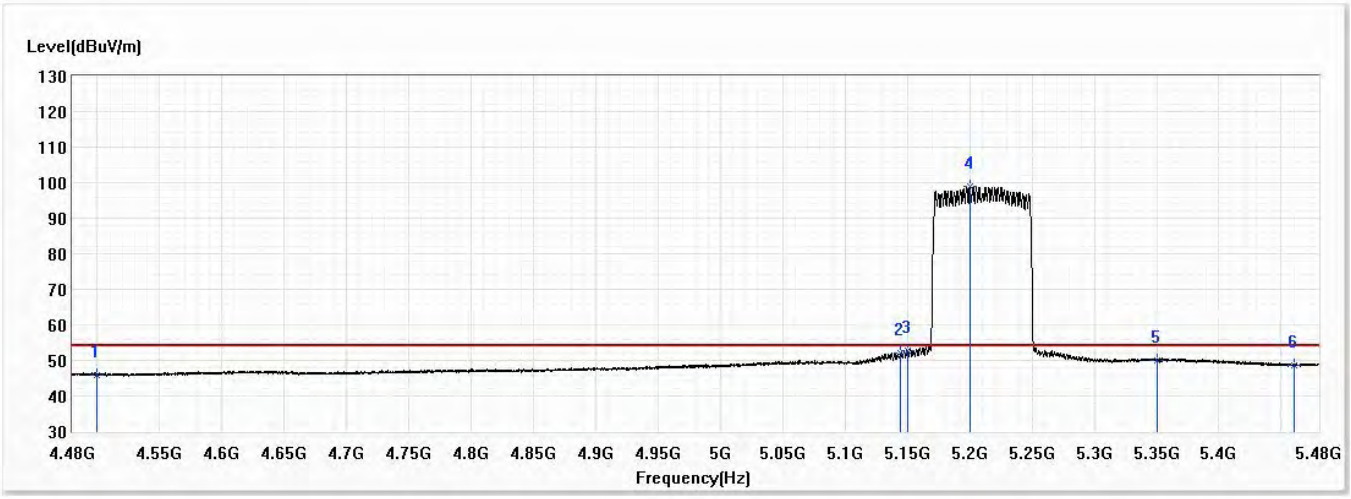


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	56.37	74.00	-17.63	32.70	23.67	PK
2	5141.875	65.43	74.00	-8.57	41.00	24.43	PK
3	5150.000	62.20	74.00	-11.80	37.76	24.44	PK
! 4	5195.250	110.92	74.00	36.92	86.39	24.53	PK
5	5350.000	61.54	74.00	-12.46	36.74	24.80	PK
6	5460.000	59.52	74.00	-14.48	34.53	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/18
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11ax80,Ch 42,5.21G,BW80M	Humidity (%RH)	53.4

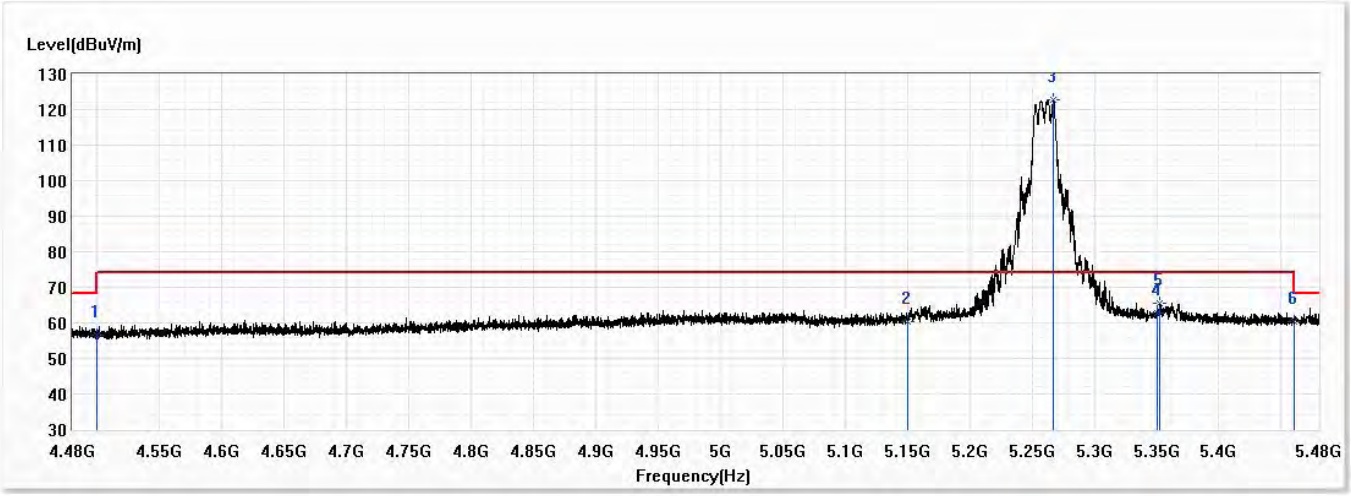


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	45.92	54.00	-8.08	22.25	23.67	AV
2	5144.625	52.23	54.00	-1.77	27.80	24.43	AV
3	5150.000	52.77	54.00	-1.23	28.33	24.44	AV
! 4	5200.125	98.85	54.00	44.85	74.32	24.53	AV
5	5350.000	50.16	54.00	-3.84	25.36	24.80	AV
6	5460.000	48.57	54.00	-5.43	23.58	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11a,Ch 52,5.26G,BW20M	Humidity (%RH)	53.4

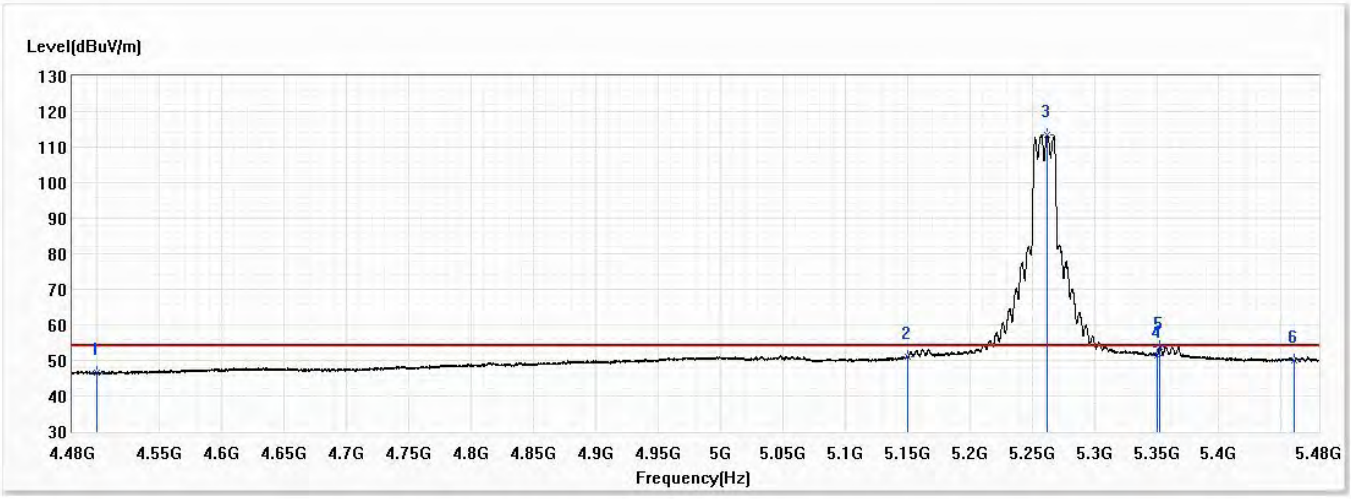


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	56.63	74.00	-17.37	32.96	23.67	PK
2	5150.000	60.33	74.00	-13.67	35.89	24.44	PK
! 3	5267.500	122.77	74.00	48.77	98.12	24.65	PK
4	5350.000	62.88	74.00	-11.12	38.08	24.80	PK
5	5352.375	65.48	74.00	-8.52	40.68	24.80	PK
6	5460.000	60.32	74.00	-13.68	35.33	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11a,Ch 52,5.26G,BW20M	Humidity (%RH)	53.4

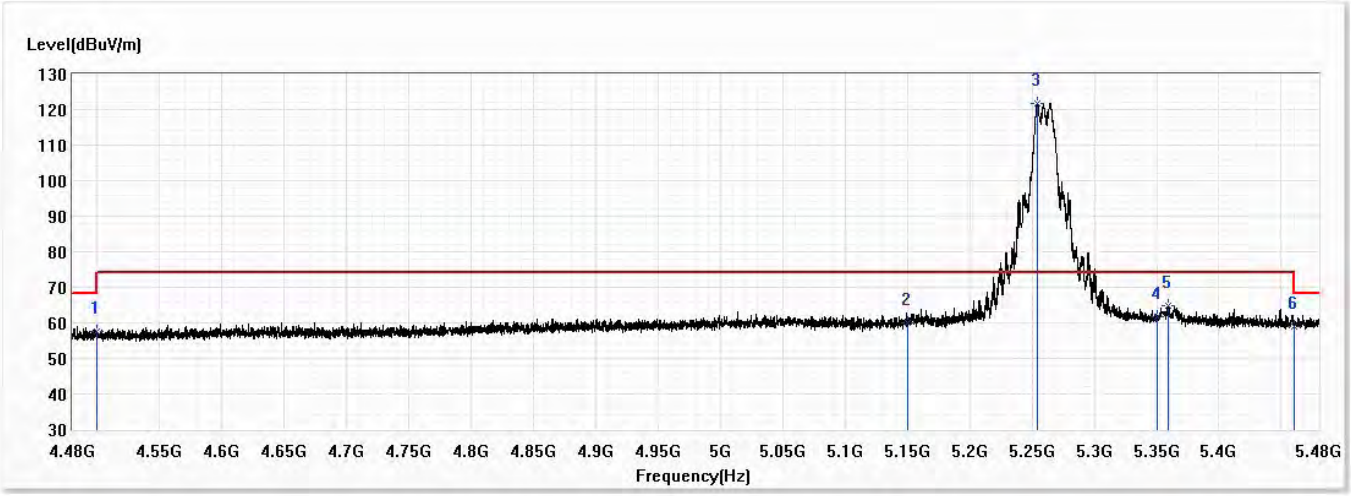


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.43	54.00	-7.57	22.76	23.67	AV
2	5150.000	50.98	54.00	-3.02	26.54	24.44	AV
! 3	5262.250	113.37	54.00	59.37	88.73	24.64	AV
4	5350.000	51.53	54.00	-2.47	26.73	24.80	AV
5	5352.500	53.94	54.00	-0.06	29.14	24.80	AV
6	5460.000	50.01	54.00	-3.99	25.02	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11a,Ch 52,5.26G,BW20M	Humidity (%RH)	53.4

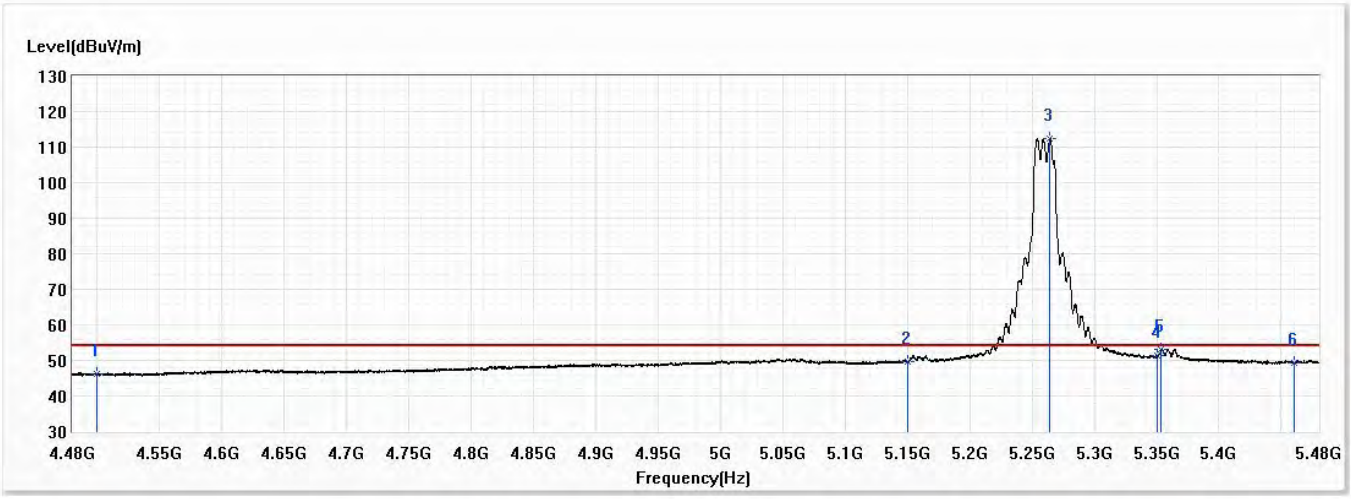


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	57.43	74.00	-16.57	33.76	23.67	PK
2	5150.000	59.94	74.00	-14.06	35.50	24.44	PK
! 3	5254.625	121.82	74.00	47.82	97.20	24.62	PK
4	5350.000	61.62	74.00	-12.38	36.82	24.80	PK
5	5359.125	64.94	74.00	-9.06	40.13	24.81	PK
6	5460.000	59.00	74.00	-15.00	34.01	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11a,Ch 52,5.26G,BW20M	Humidity (%RH)	53.4

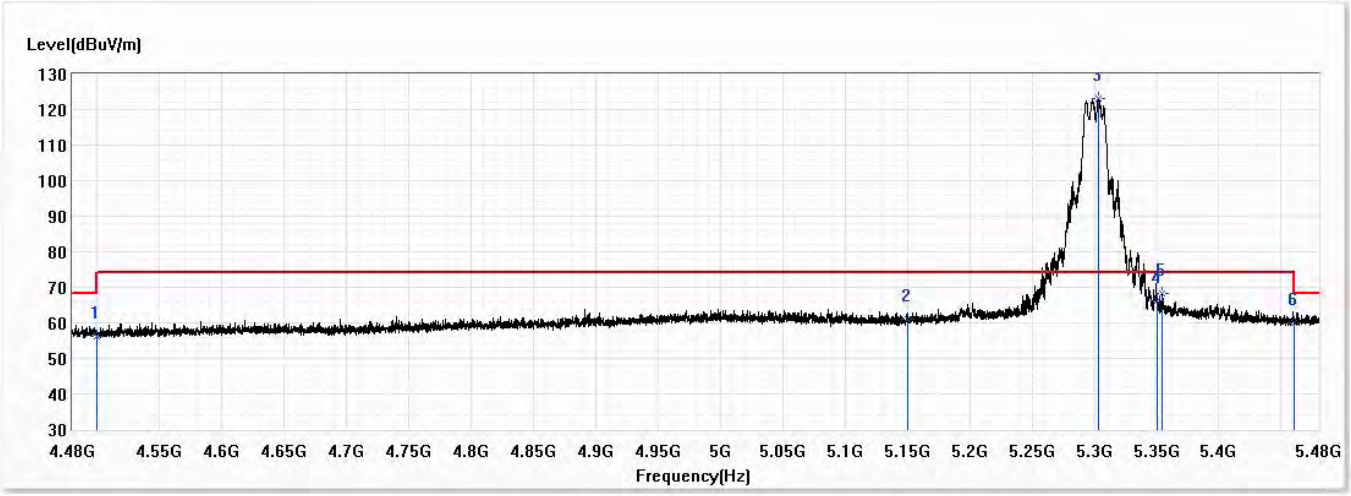


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.09	54.00	-7.91	22.42	23.67	AV
2	5150.000	49.82	54.00	-4.18	25.38	24.44	AV
! 3	5264.500	112.43	54.00	58.43	87.79	24.64	AV
4	5350.000	51.21	54.00	-2.79	26.41	24.80	AV
5	5353.875	53.15	54.00	-0.85	28.35	24.80	AV
6	5460.000	49.43	54.00	-4.57	24.44	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11a,Ch 60,5.3G,BW20M	Humidity (%RH)	53.4

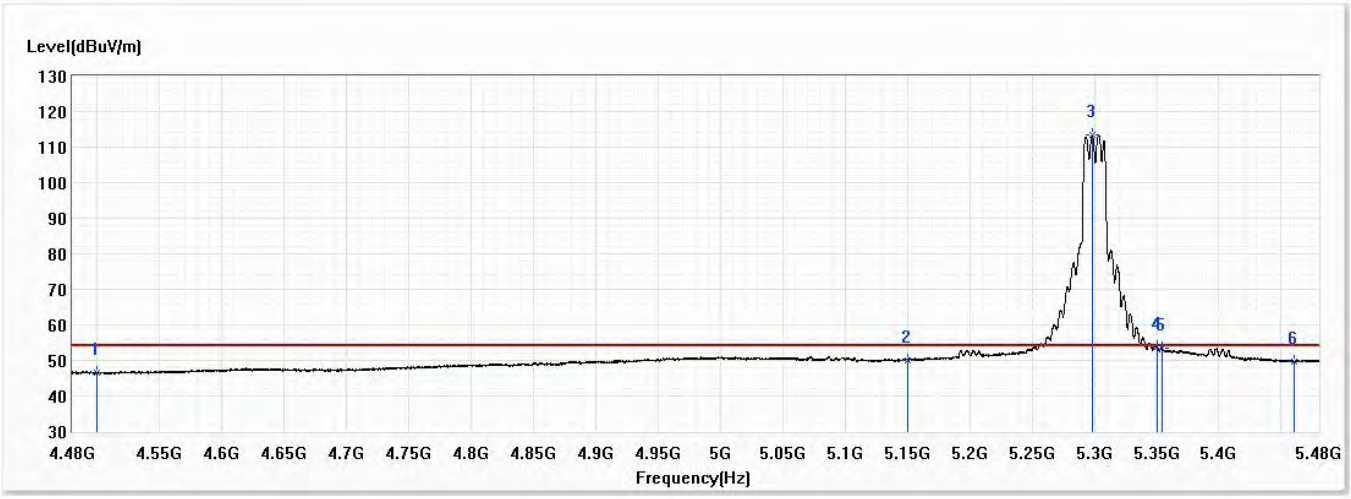


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	56.27	74.00	-17.73	32.60	23.67	PK
2	5150.000	60.88	74.00	-13.12	36.44	24.44	PK
! 3	5303.375	123.04	74.00	49.04	98.33	24.71	PK
4	5350.000	66.18	74.00	-7.82	41.38	24.80	PK
5	5354.625	68.23	74.00	-5.77	43.43	24.80	PK
6	5460.000	60.01	74.00	-13.99	35.02	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11a,Ch 60,5.3G,BW20M	Humidity (%RH)	53.4

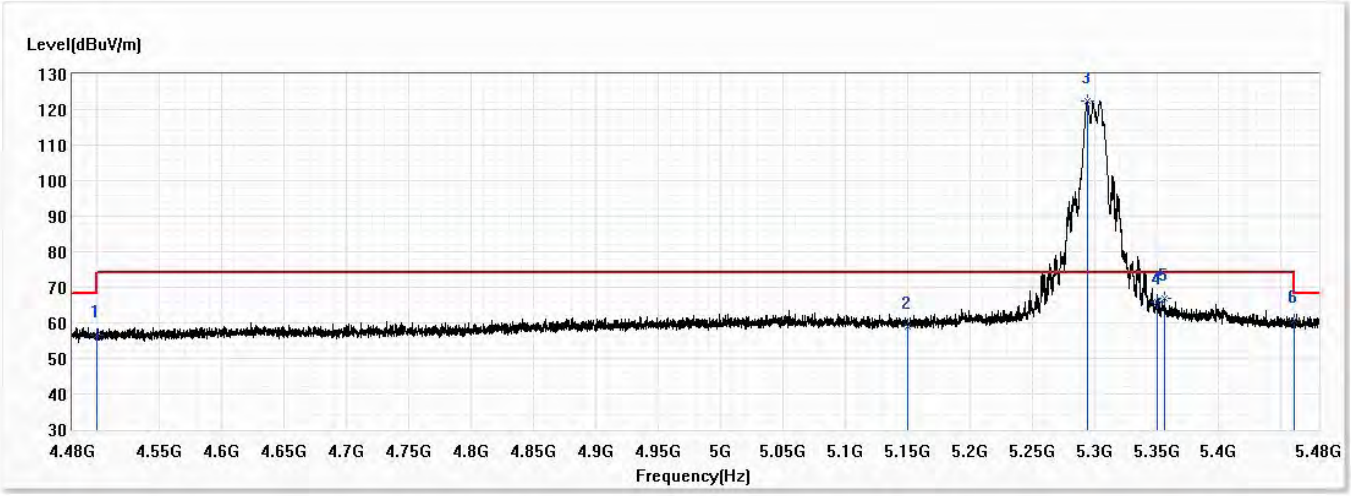


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.50	54.00	-7.50	22.83	23.67	AV
2	5150.000	50.13	54.00	-3.87	25.69	24.44	AV
! 3	5298.375	113.48	54.00	59.48	88.77	24.71	AV
4	5350.000	53.95	54.00	-0.05	29.15	24.80	AV
5	5354.750	53.38	54.00	-0.62	28.58	24.80	AV
6	5460.000	49.60	54.00	-4.40	24.61	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11a,Ch 60,5.3G,BW20M	Humidity (%RH)	53.4

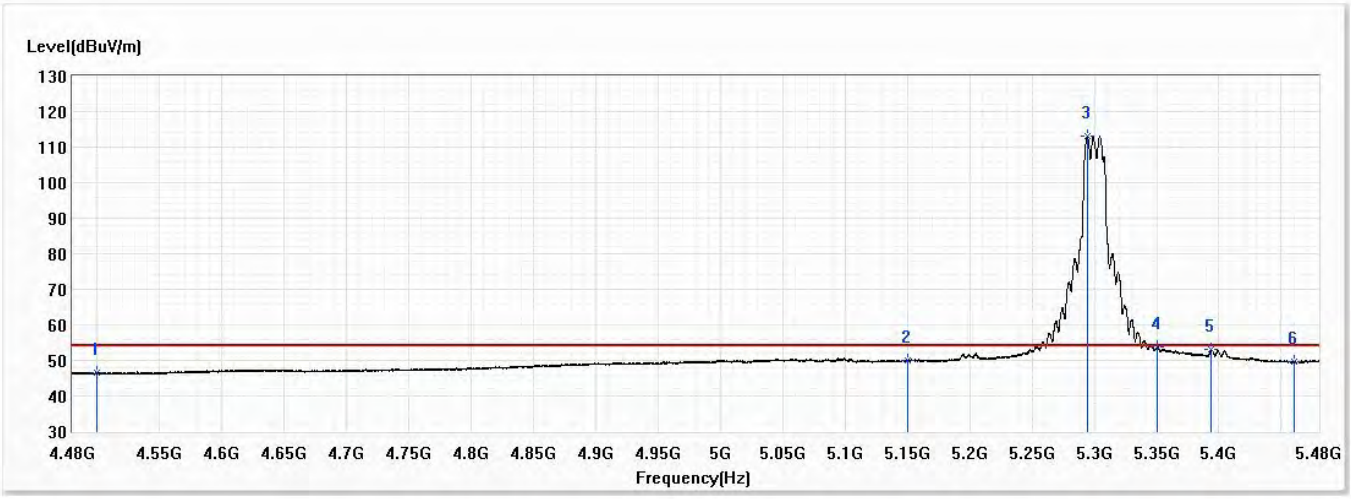


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	56.41	74.00	-17.59	32.74	23.67	PK
2	5150.000	58.86	74.00	-15.14	34.42	24.44	PK
! 3	5294.250	122.43	74.00	48.43	97.73	24.70	PK
4	5350.000	65.84	74.00	-8.16	41.04	24.80	PK
5	5356.000	66.83	74.00	-7.17	42.02	24.81	PK
6	5460.000	60.81	74.00	-13.19	35.82	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11a,Ch 60,5.3G,BW20M	Humidity (%RH)	53.4

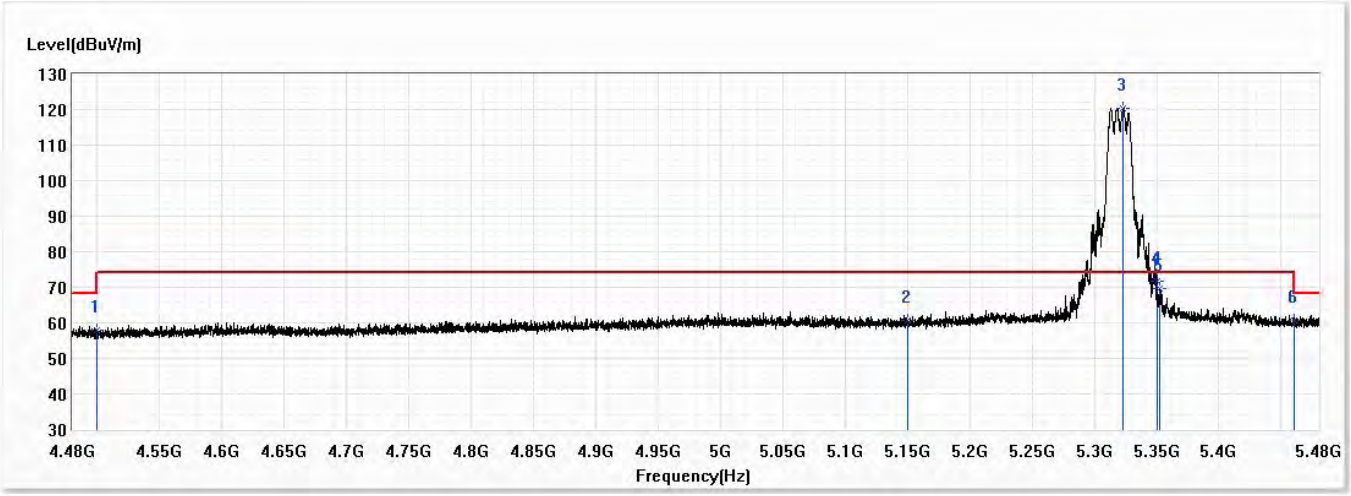


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.43	54.00	-7.57	22.76	23.67	AV
2	5150.000	49.98	54.00	-4.02	25.54	24.44	AV
! 3	5294.250	113.17	54.00	59.17	88.47	24.70	AV
4	5350.000	53.73	54.00	-0.27	28.93	24.80	AV
5	5393.500	52.95	54.00	-1.05	28.08	24.87	AV
6	5460.000	49.52	54.00	-4.48	24.53	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11a,Ch 64,5.32G,BW20M	Humidity (%RH)	53.4

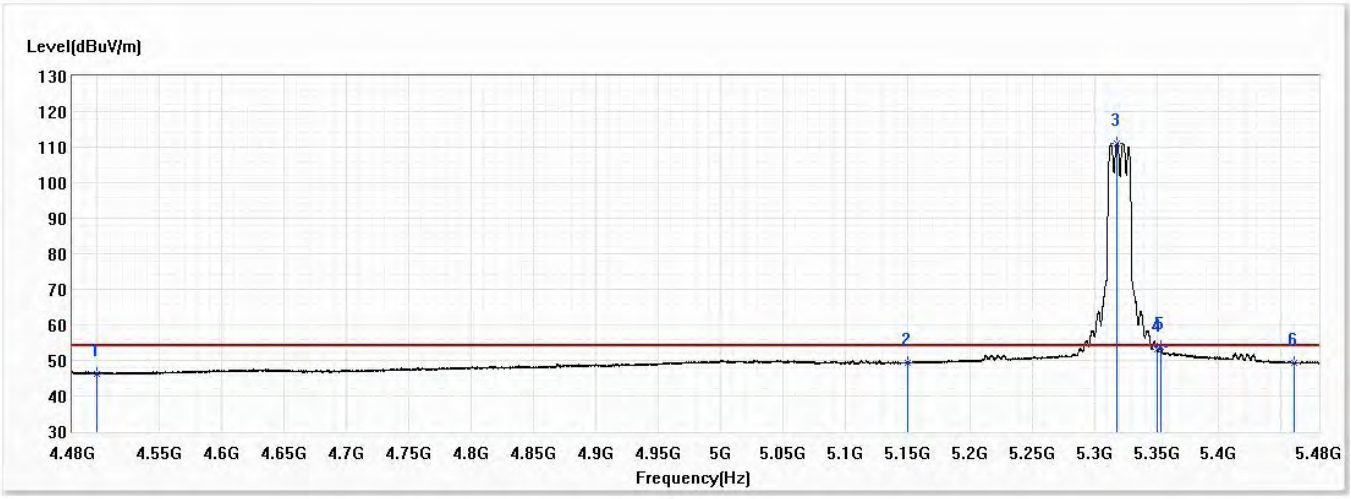


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	57.95	74.00	-16.05	34.28	23.67	PK
2	5150.000	60.76	74.00	-13.24	36.32	24.44	PK
! 3	5323.125	120.48	74.00	46.48	95.74	24.74	PK
4	5350.000	71.75	74.00	-2.25	46.95	24.80	PK
5	5352.375	69.76	74.00	-4.24	44.96	24.80	PK
6	5460.000	60.70	74.00	-13.30	35.71	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11a,Ch 64,5.32G,BW20M	Humidity (%RH)	53.4

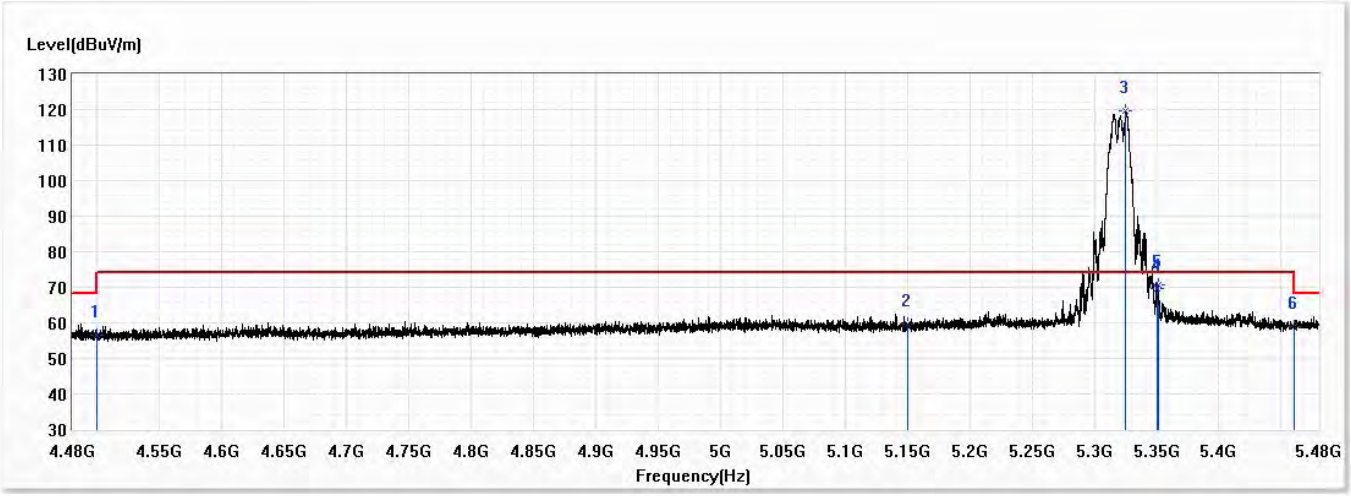


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.36	54.00	-7.64	22.69	23.67	AV
2	5150.000	49.21	54.00	-4.79	24.77	24.44	AV
! 3	5318.375	111.20	54.00	57.20	86.46	24.74	AV
4	5350.000	53.26	54.00	-0.74	28.46	24.80	AV
5	5353.375	53.72	54.00	-0.28	28.92	24.80	AV
6	5460.000	49.31	54.00	-4.69	24.32	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11a,Ch 64,5.32G,BW20M	Humidity (%RH)	53.4

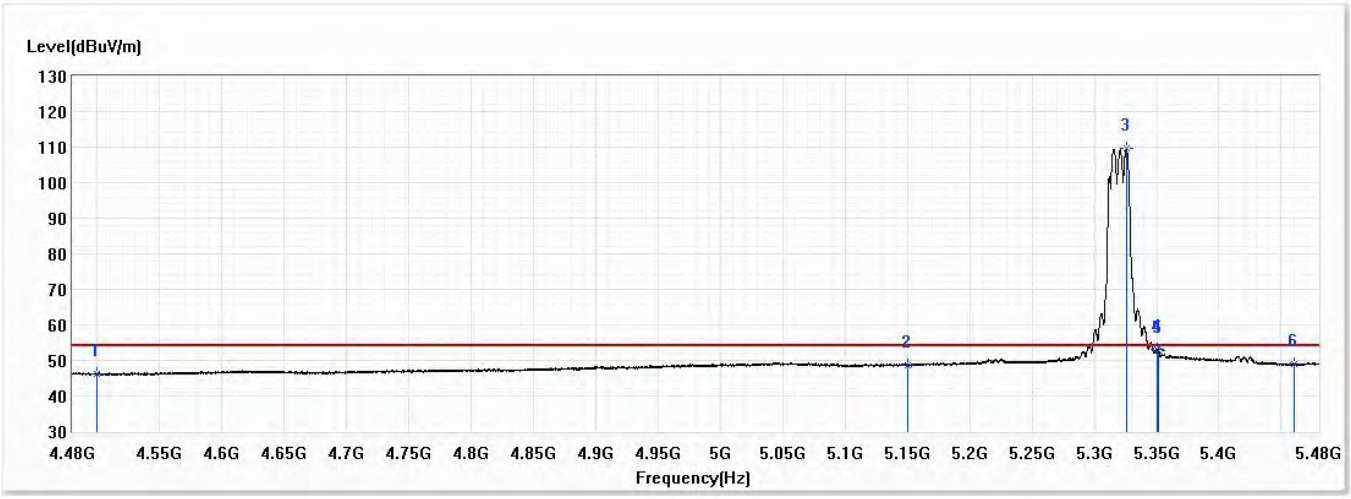


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	56.71	74.00	-17.29	33.04	23.67	PK
2	5150.000	59.66	74.00	-14.34	35.22	24.44	PK
! 3	5325.250	119.51	74.00	45.51	94.75	24.76	PK
4	5350.000	69.78	74.00	-4.22	44.98	24.80	PK
5	5351.000	70.67	74.00	-3.33	45.87	24.80	PK
6	5460.000	58.92	74.00	-15.08	33.93	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/15
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11a,Ch 64,5.32G,BW20M	Humidity (%RH)	53.4

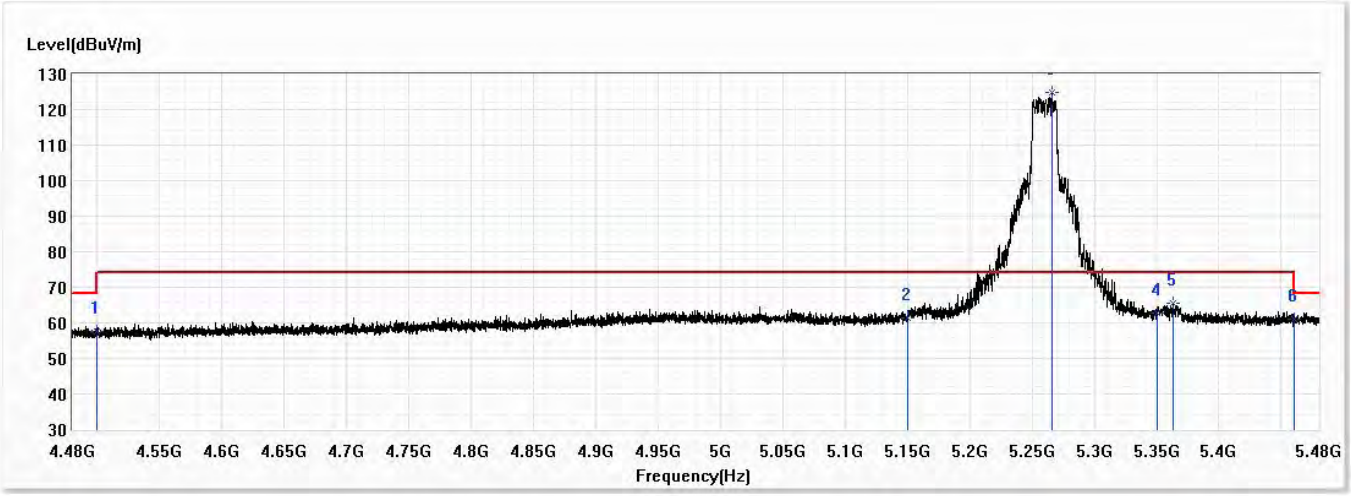


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.25	54.00	-7.75	22.58	23.67	AV
2	5150.000	48.67	54.00	-5.33	24.23	24.44	AV
! 3	5325.625	109.69	54.00	55.69	84.93	24.76	AV
4	5350.000	53.14	54.00	-0.86	28.34	24.80	AV
5	5351.625	52.66	54.00	-1.34	27.86	24.80	AV
6	5460.000	48.81	54.00	-5.19	23.82	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 52,5.26G,BW20M	Humidity (%RH)	53.4

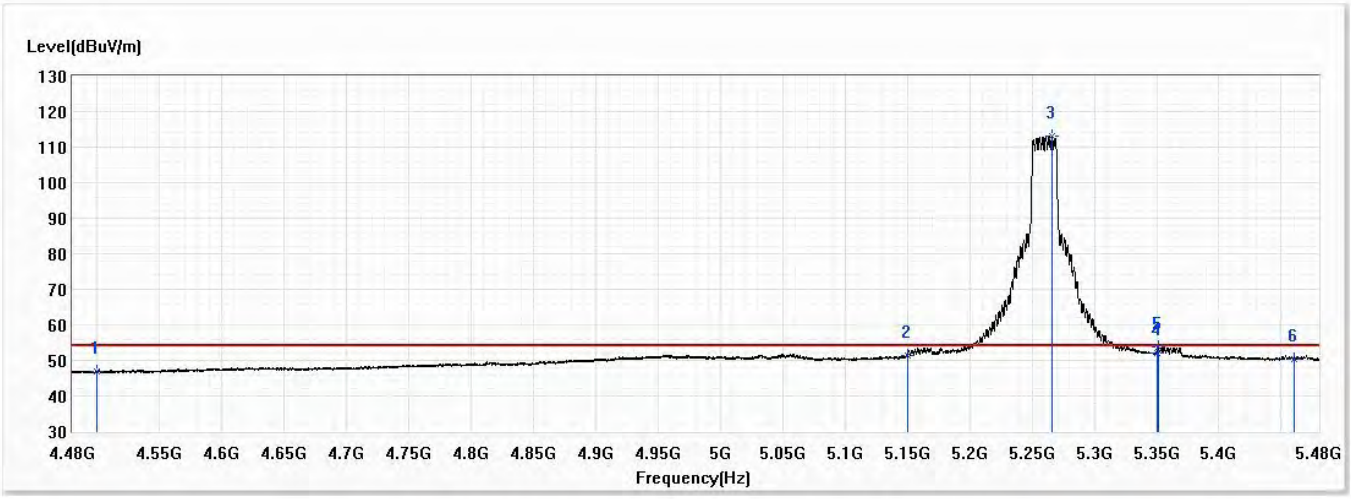


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	57.75	74.00	-16.25	34.08	23.67	PK
2	5150.000	61.23	74.00	-12.77	36.79	24.44	PK
! 3	5266.250	124.71	74.00	50.71	100.06	24.65	PK
4	5350.000	62.59	74.00	-11.41	37.79	24.80	PK
5	5363.375	65.40	74.00	-8.60	40.58	24.82	PK
6	5460.000	61.05	74.00	-12.95	36.06	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 52,5.26G,BW20M	Humidity (%RH)	53.4

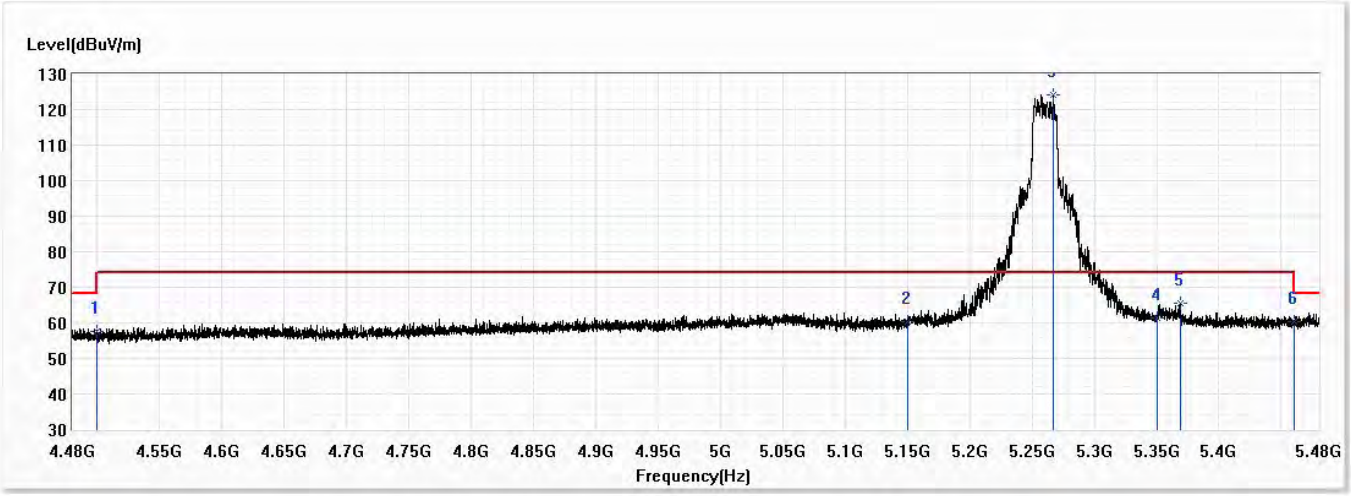


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.82	54.00	-7.18	23.15	23.67	AV
2	5150.000	51.32	54.00	-2.68	26.88	24.44	AV
! 3	5266.000	113.15	54.00	59.15	88.50	24.65	AV
4	5350.000	52.02	54.00	-1.98	27.22	24.80	AV
5	5351.000	53.74	54.00	-0.26	28.94	24.80	AV
6	5460.000	50.36	54.00	-3.64	25.37	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 52,5.26G,BW20M	Humidity (%RH)	53.4

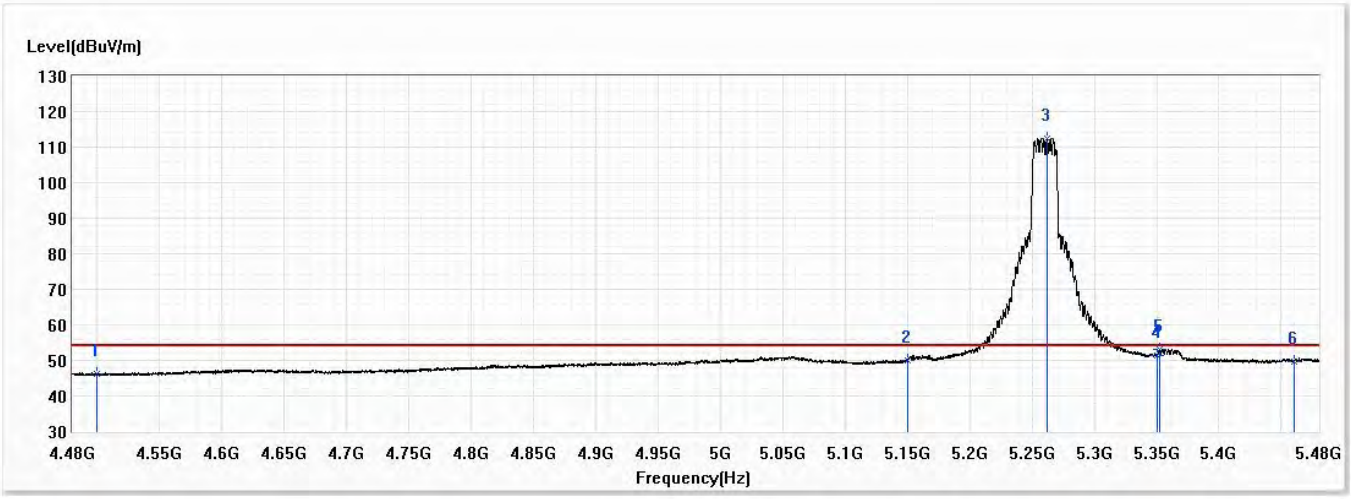


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	57.64	74.00	-16.36	33.97	23.67	PK
2	5150.000	60.27	74.00	-13.73	35.83	24.44	PK
! 3	5267.000	124.06	74.00	50.06	99.41	24.65	PK
4	5350.000	61.40	74.00	-12.60	36.60	24.80	PK
5	5369.125	65.42	74.00	-8.58	40.59	24.83	PK
6	5460.000	60.49	74.00	-13.51	35.50	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 52,5.26G,BW20M	Humidity (%RH)	53.4

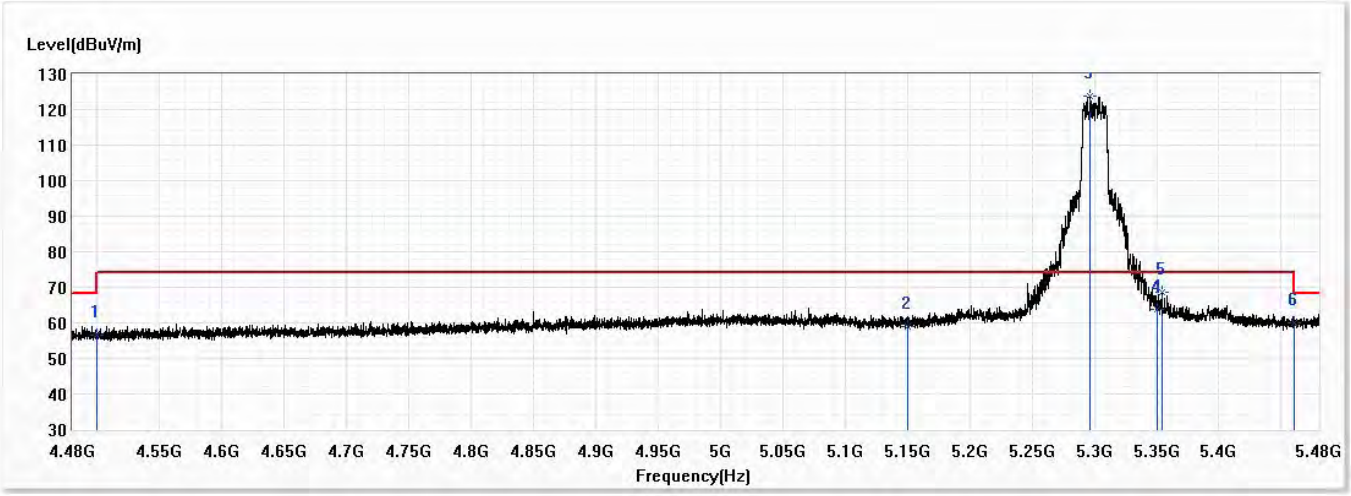


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.13	54.00	-7.87	22.46	23.67	AV
2	5150.000	49.95	54.00	-4.05	25.51	24.44	AV
! 3	5262.125	112.37	54.00	58.37	87.73	24.64	AV
4	5350.000	51.28	54.00	-2.72	26.48	24.80	AV
5	5352.125	53.22	54.00	-0.78	28.42	24.80	AV
6	5460.000	49.67	54.00	-4.33	24.68	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 60,5.3G,BW20M	Humidity (%RH)	53.4

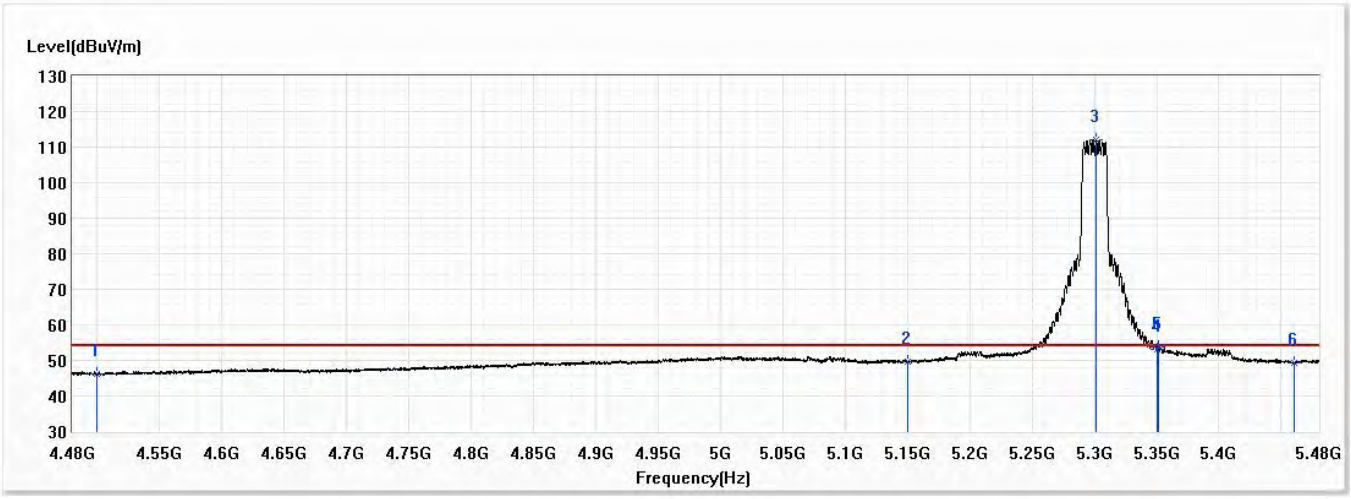


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	56.72	74.00	-17.28	33.05	23.67	PK
2	5150.000	59.11	74.00	-14.89	34.67	24.44	PK
! 3	5296.875	123.69	74.00	49.69	98.98	24.71	PK
4	5350.000	63.90	74.00	-10.10	39.10	24.80	PK
5	5354.250	68.47	74.00	-5.53	43.67	24.80	PK
6	5460.000	59.83	74.00	-14.17	34.84	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 60,5.3G,BW20M	Humidity (%RH)	53.4

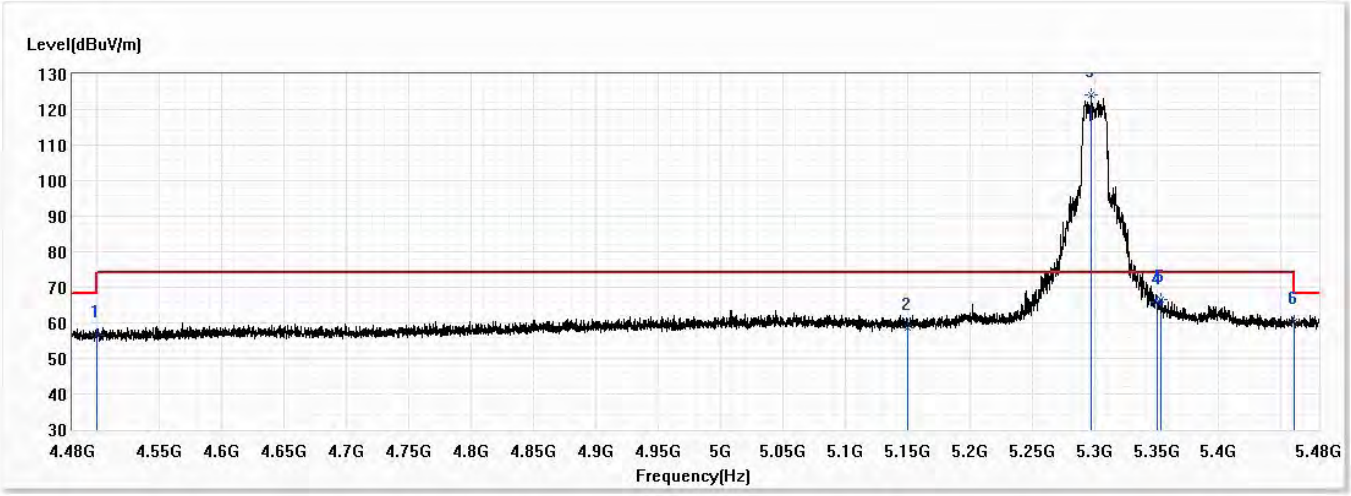


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.28	54.00	-7.72	22.61	23.67	AV
2	5150.000	49.53	54.00	-4.47	25.09	24.44	AV
! 3	5301.500	112.04	54.00	58.04	87.33	24.71	AV
4	5350.000	53.00	54.00	-1.00	28.20	24.80	AV
5	5351.125	53.89	54.00	-0.11	29.09	24.80	AV
6	5460.000	49.43	54.00	-4.57	24.44	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 60,5.3G,BW20M	Humidity (%RH)	53.4

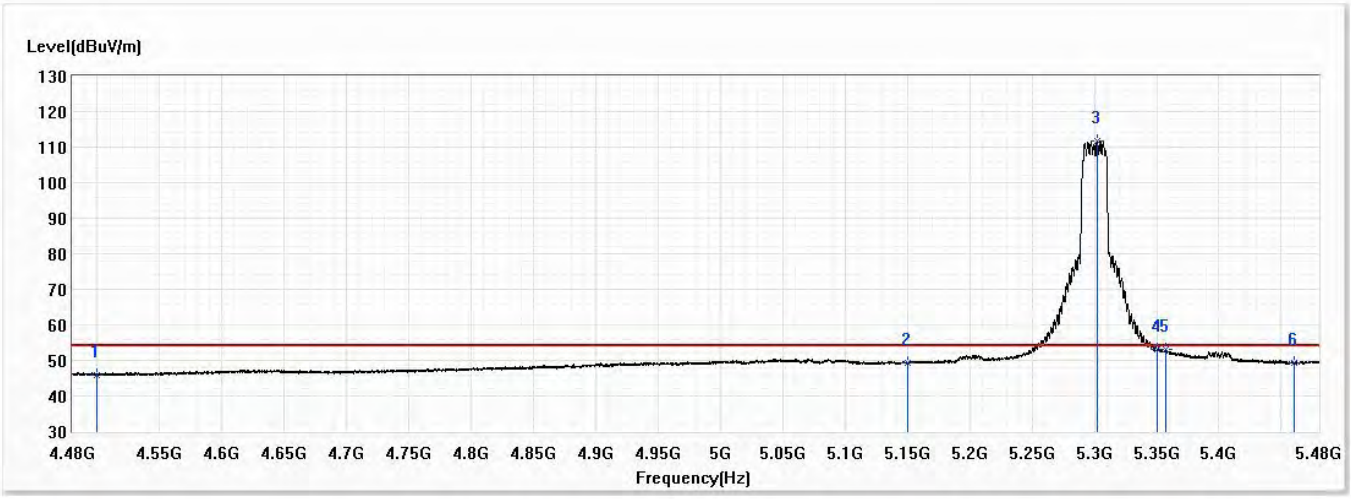


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	56.51	74.00	-17.49	32.84	23.67	PK
2	5150.000	58.61	74.00	-15.39	34.17	24.44	PK
! 3	5297.500	124.06	74.00	50.06	99.35	24.71	PK
4	5350.000	65.95	74.00	-8.05	41.15	24.80	PK
5	5353.875	66.64	74.00	-7.36	41.84	24.80	PK
6	5460.000	60.31	74.00	-13.69	35.32	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 60,5.3G,BW20M	Humidity (%RH)	53.4

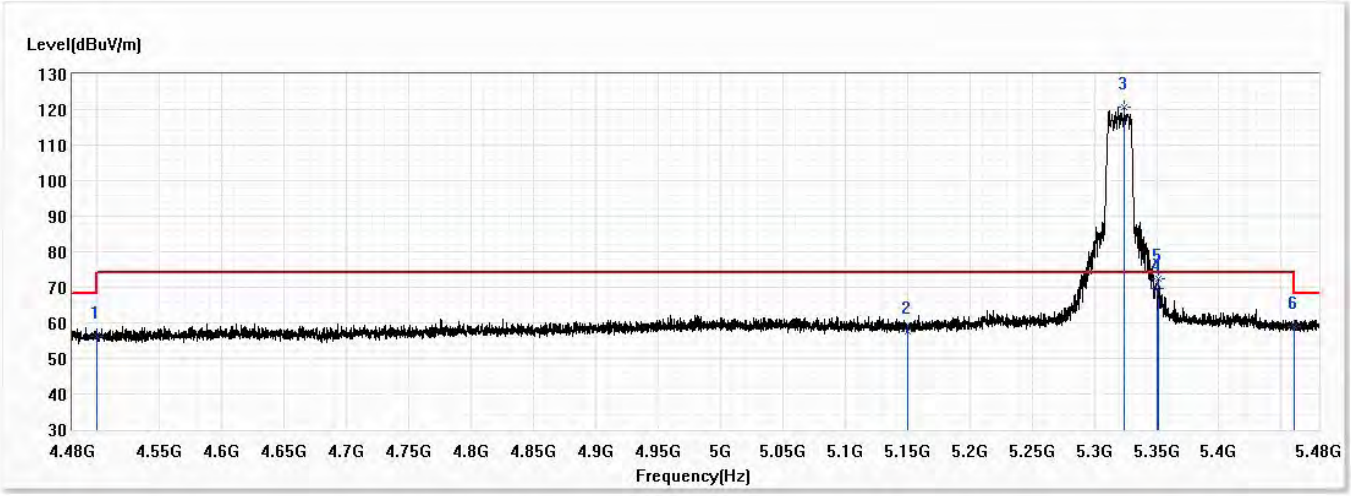


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	45.96	54.00	-8.04	22.29	23.67	AV
2	5150.000	49.31	54.00	-4.69	24.87	24.44	AV
! 3	5302.250	111.88	54.00	57.88	87.17	24.71	AV
4	5350.000	53.26	54.00	-0.74	28.46	24.80	AV
5	5356.875	52.97	54.00	-1.03	28.16	24.81	AV
6	5460.000	49.21	54.00	-4.79	24.22	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 64,5.32G,BW20M	Humidity (%RH)	53.4

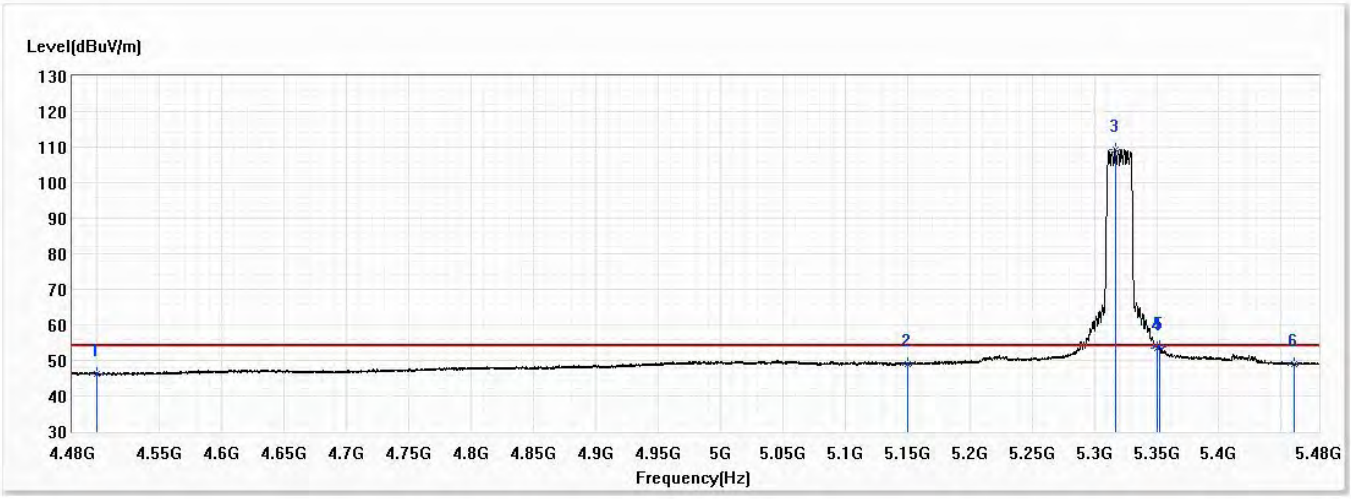


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	56.18	74.00	-17.82	32.51	23.67	PK
2	5150.000	57.60	74.00	-16.40	33.16	24.44	PK
! 3	5323.875	120.63	74.00	46.63	95.89	24.74	PK
4	5350.000	69.74	74.00	-4.26	44.94	24.80	PK
5	5351.625	72.39	74.00	-1.61	47.59	24.80	PK
6	5460.000	59.04	74.00	-14.96	34.05	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 64,5.32G,BW20M	Humidity (%RH)	53.4

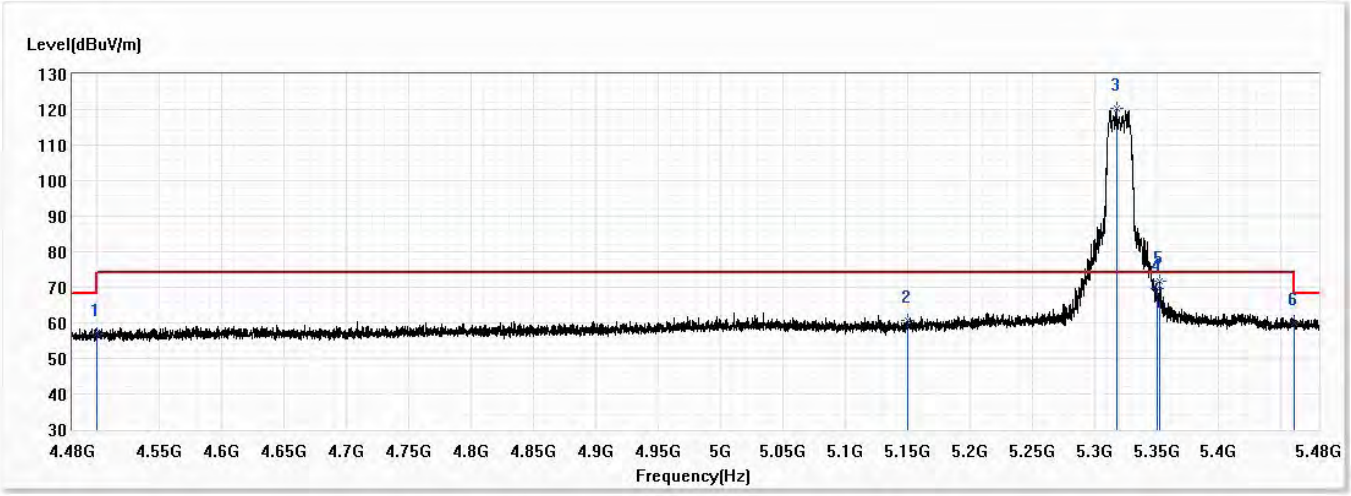


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.07	54.00	-7.93	22.40	23.67	AV
2	5150.000	49.12	54.00	-4.88	24.68	24.44	AV
! 3	5316.750	109.28	54.00	55.28	84.54	24.74	AV
4	5350.000	53.49	54.00	-0.51	28.69	24.80	AV
5	5352.000	53.85	54.00	-0.15	29.05	24.80	AV
6	5460.000	49.04	54.00	-4.96	24.05	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 64,5.32G,BW20M	Humidity (%RH)	53.4

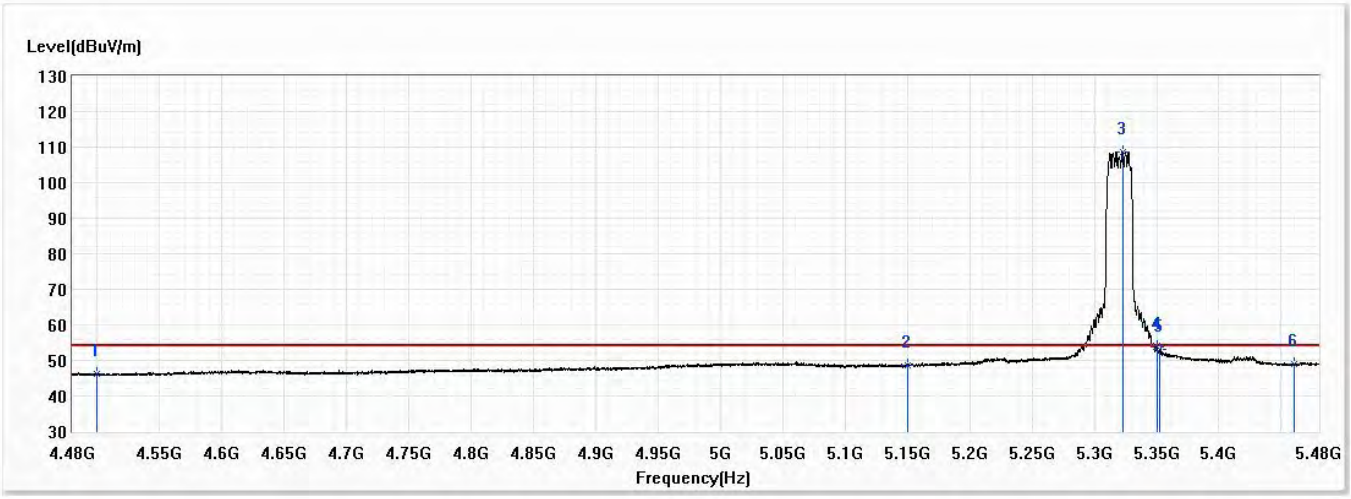


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	56.76	74.00	-17.24	33.09	23.67	PK
2	5150.000	60.64	74.00	-13.36	36.20	24.44	PK
! 3	5318.125	120.18	74.00	46.18	95.44	24.74	PK
4	5350.000	69.76	74.00	-4.24	44.96	24.80	PK
5	5352.750	71.70	74.00	-2.30	46.90	24.80	PK
6	5460.000	60.02	74.00	-13.98	35.03	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/17
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11ax20,Ch 64,5.32G,BW20M	Humidity (%RH)	53.4

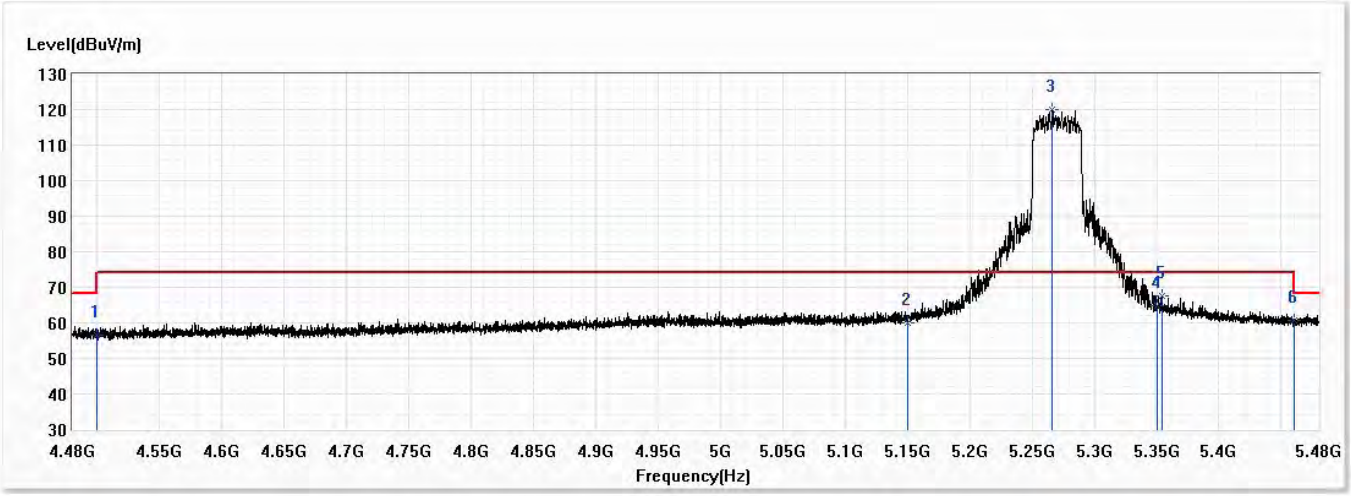


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.10	54.00	-7.90	22.43	23.67	AV
2	5150.000	48.67	54.00	-5.33	24.23	24.44	AV
! 3	5322.625	108.70	54.00	54.70	83.96	24.74	AV
4	5350.000	53.87	54.00	-0.13	29.07	24.80	AV
5	5352.875	52.95	54.00	-1.05	28.15	24.80	AV
6	5460.000	49.08	54.00	-4.92	24.09	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/18
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax40,Ch 54,5.27G,BW40M	Humidity (%RH)	53.4

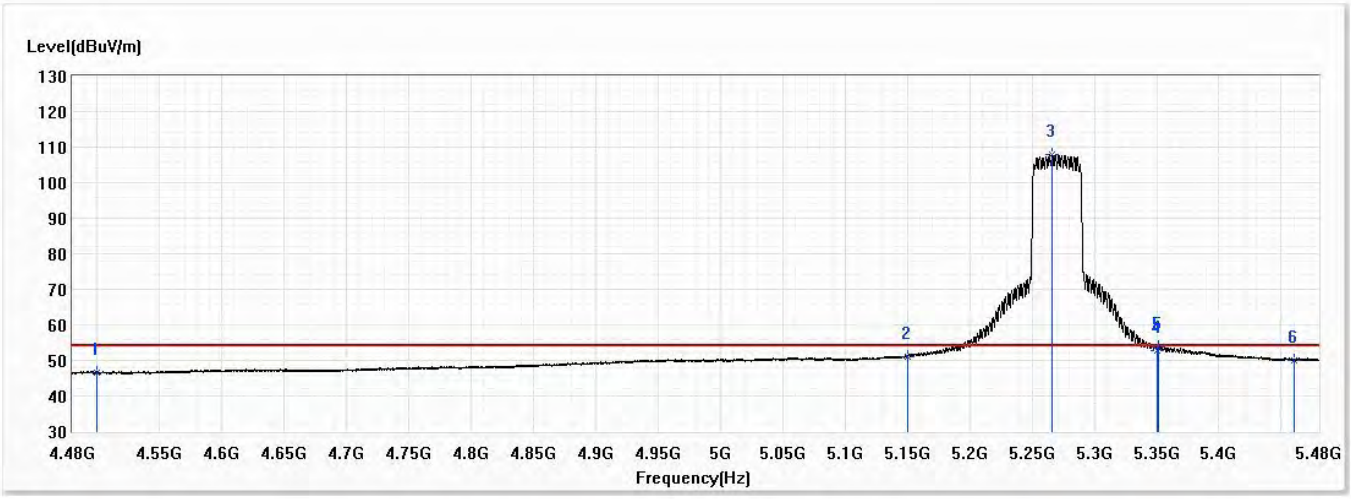


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	56.63	74.00	-17.37	32.96	23.67	PK
2	5150.000	60.02	74.00	-13.98	35.58	24.44	PK
! 3	5266.250	120.09	74.00	46.09	95.44	24.65	PK
4	5350.000	64.75	74.00	-9.25	39.95	24.80	PK
5	5354.000	67.75	74.00	-6.25	42.95	24.80	PK
6	5460.000	60.69	74.00	-13.31	35.70	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/18
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax40,Ch 54,5.27G,BW40M	Humidity (%RH)	53.4

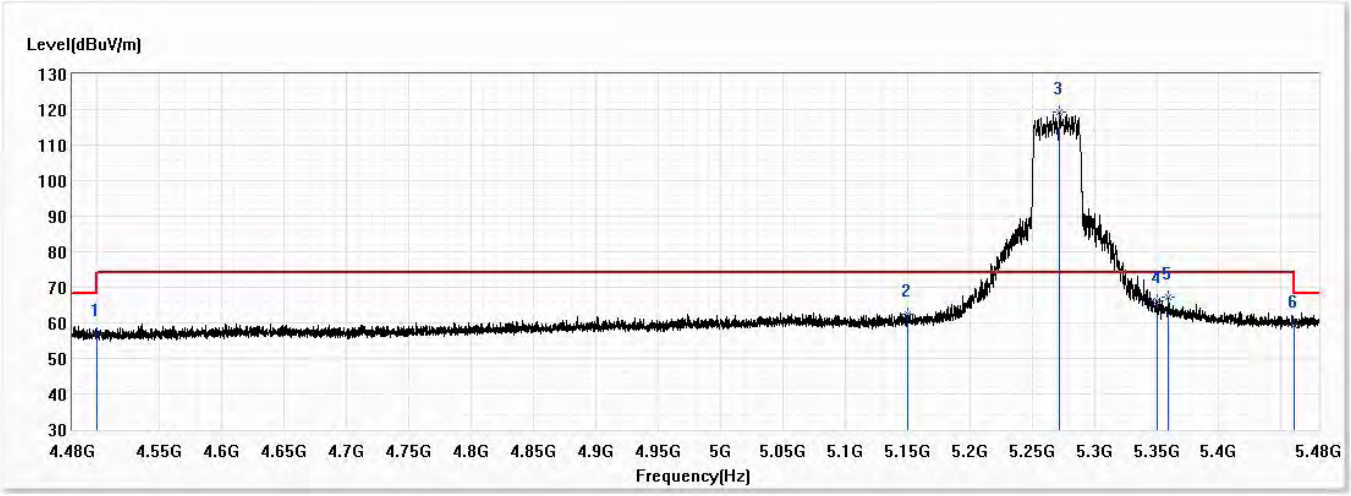


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.42	54.00	-7.58	22.75	23.67	AV
2	5150.000	51.09	54.00	-2.91	26.65	24.44	AV
! 3	5266.375	107.97	54.00	53.97	83.32	24.65	AV
4	5350.000	52.90	54.00	-1.10	28.10	24.80	AV
5	5351.625	53.95	54.00	-0.05	29.15	24.80	AV
6	5460.000	50.08	54.00	-3.92	25.09	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/18
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11ax40,Ch 54,5.27G,BW40M	Humidity (%RH)	53.4

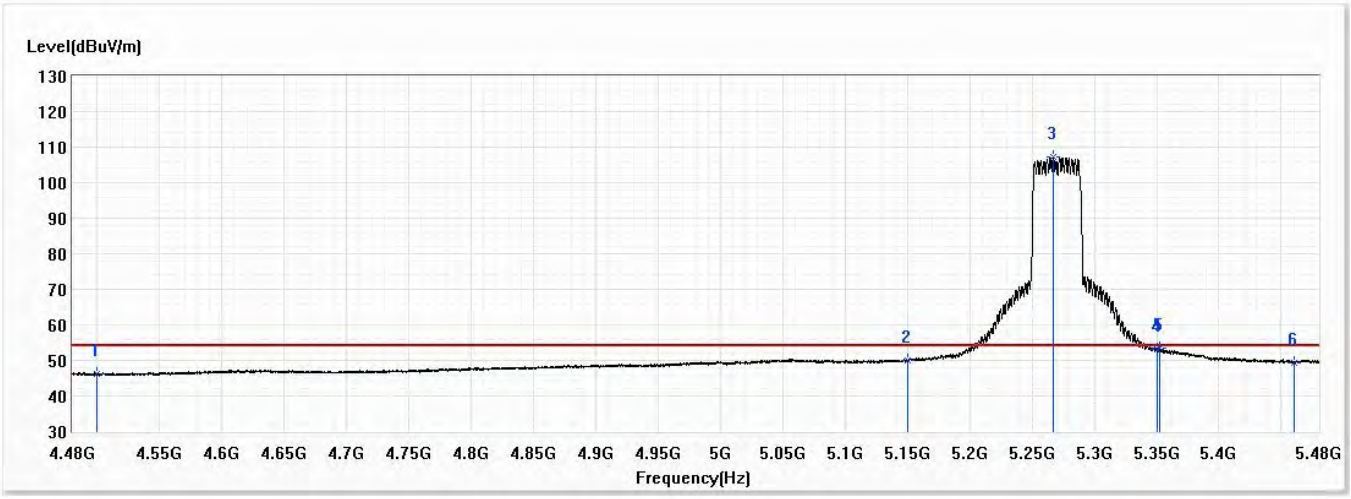


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	56.88	74.00	-17.12	33.21	23.67	PK
2	5150.000	62.57	74.00	-11.43	38.13	24.44	PK
! 3	5272.125	119.43	74.00	45.43	94.78	24.65	PK
4	5350.000	66.08	74.00	-7.92	41.28	24.80	PK
5	5359.250	67.34	74.00	-6.66	42.53	24.81	PK
6	5460.000	59.47	74.00	-14.53	34.48	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/18
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Vertical	Temperature (℃)	22.5
Test Condition	802.11ax40,Ch 54,5.27G,BW40M	Humidity (%RH)	53.4

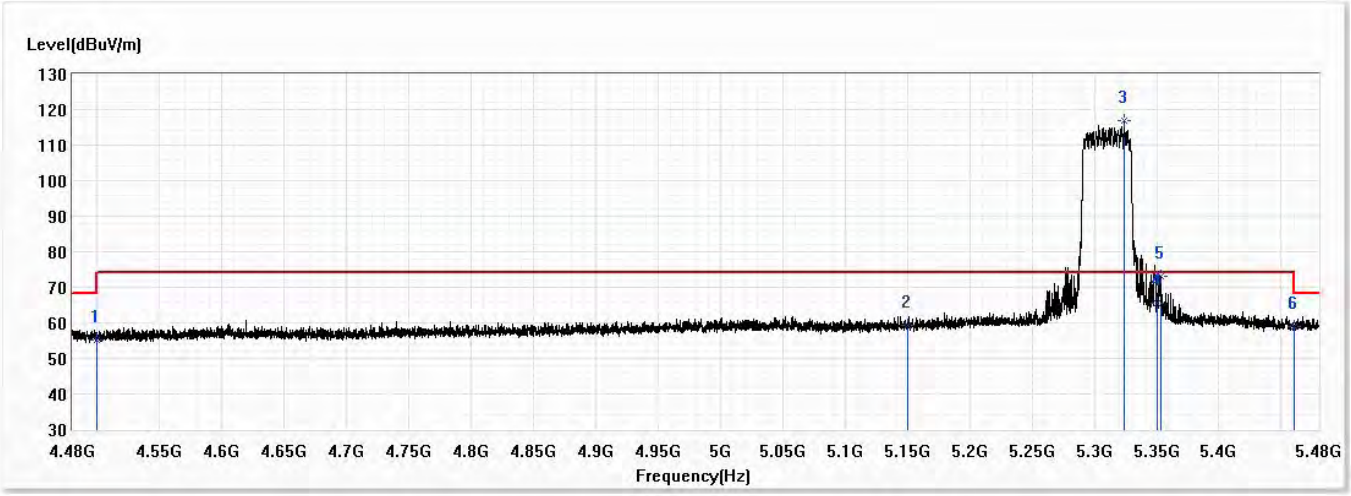


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.14	54.00	-7.86	22.47	23.67	AV
2	5150.000	49.90	54.00	-4.10	25.46	24.44	AV
! 3	5267.250	107.28	54.00	53.28	82.63	24.65	AV
4	5350.000	53.15	54.00	-0.85	28.35	24.80	AV
5	5352.000	53.44	54.00	-0.56	28.64	24.80	AV
6	5460.000	49.38	54.00	-4.62	24.39	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/18
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax40,Ch 62,5.31G,BW40M	Humidity (%RH)	53.4

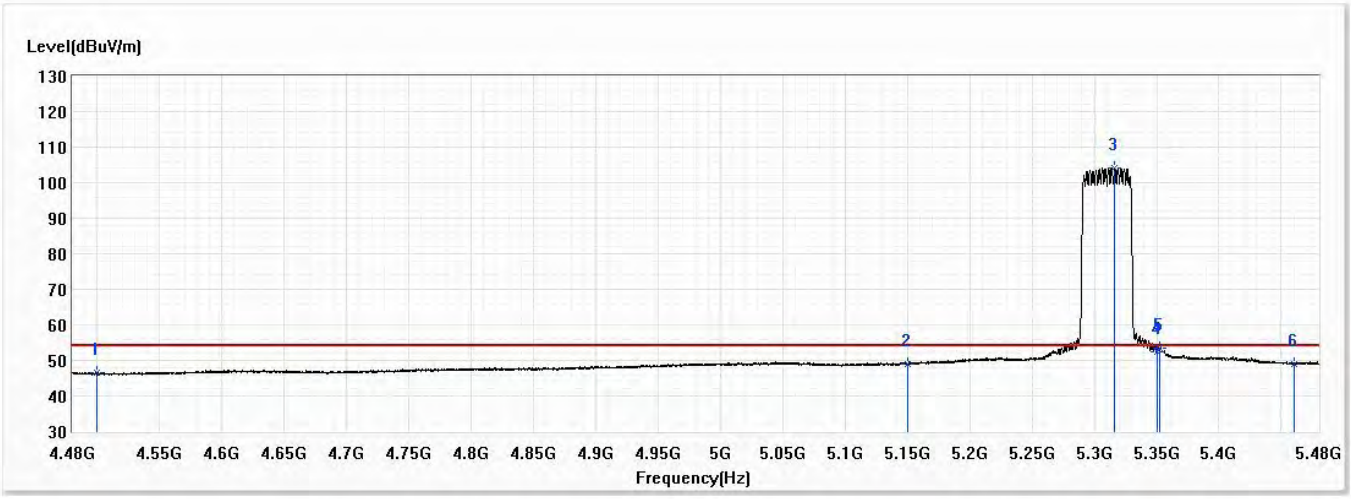


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	55.28	74.00	-18.72	31.61	23.67	PK
2	5150.000	59.42	74.00	-14.58	34.98	24.44	PK
! 3	5324.125	116.86	74.00	42.86	92.12	24.74	PK
4	5350.000	65.58	74.00	-8.42	40.78	24.80	PK
5	5353.750	73.25	74.00	-0.75	48.45	24.80	PK
6	5460.000	58.96	74.00	-15.04	33.97	24.99	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	EBM552U	Site	CB2-H
Test Voltage	AC 120V/60Hz	Test Date	2021/1/18
Test Mode	Mode 1: Transmit_Non-BF_EBM552U	Engineer	Carlos Chen
Polarity	Horizontal	Temperature (℃)	22.5
Test Condition	802.11ax40,Ch 62,5.31G,BW40M	Humidity (%RH)	53.4



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500.000	46.54	54.00	-7.46	22.87	23.67	AV
2	5150.000	48.87	54.00	-5.13	24.43	24.44	AV
! 3	5316.375	104.12	54.00	50.12	79.38	24.74	AV
4	5350.000	52.32	54.00	-1.68	27.52	24.80	AV
5	5352.750	53.38	54.00	-0.62	28.58	24.80	AV
6	5460.000	48.94	54.00	-5.06	23.95	24.99	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.