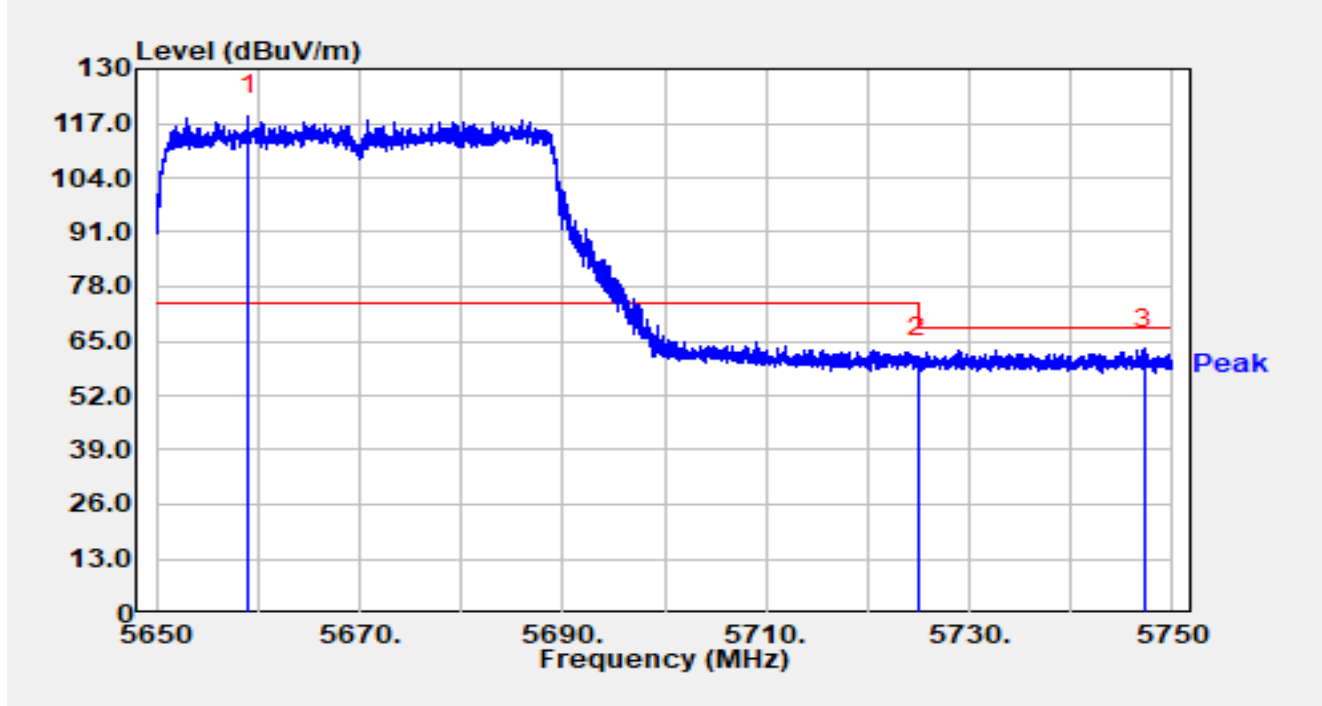


Site	WJ-AC2	Test Date	2025-02-05
Temperature	16.1 °C	Humidity	44.1 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5670MHz		

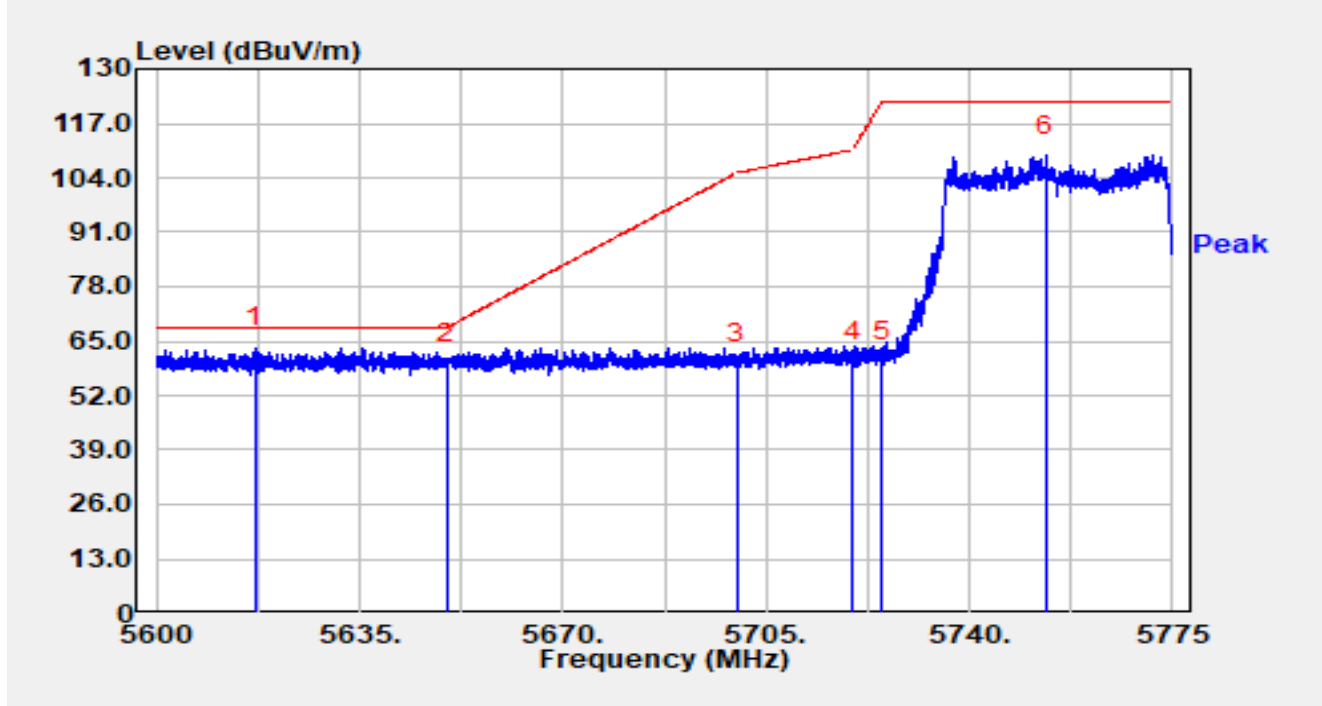


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5659.080	102.11	16.69	118.81	N/A	N/A	Peak
2		5725.000	44.24	16.92	61.16	-7.04	68.20	Peak
3	*	5747.170	46.29	16.98	63.27	-4.93	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-20
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15.407_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5755MHz		

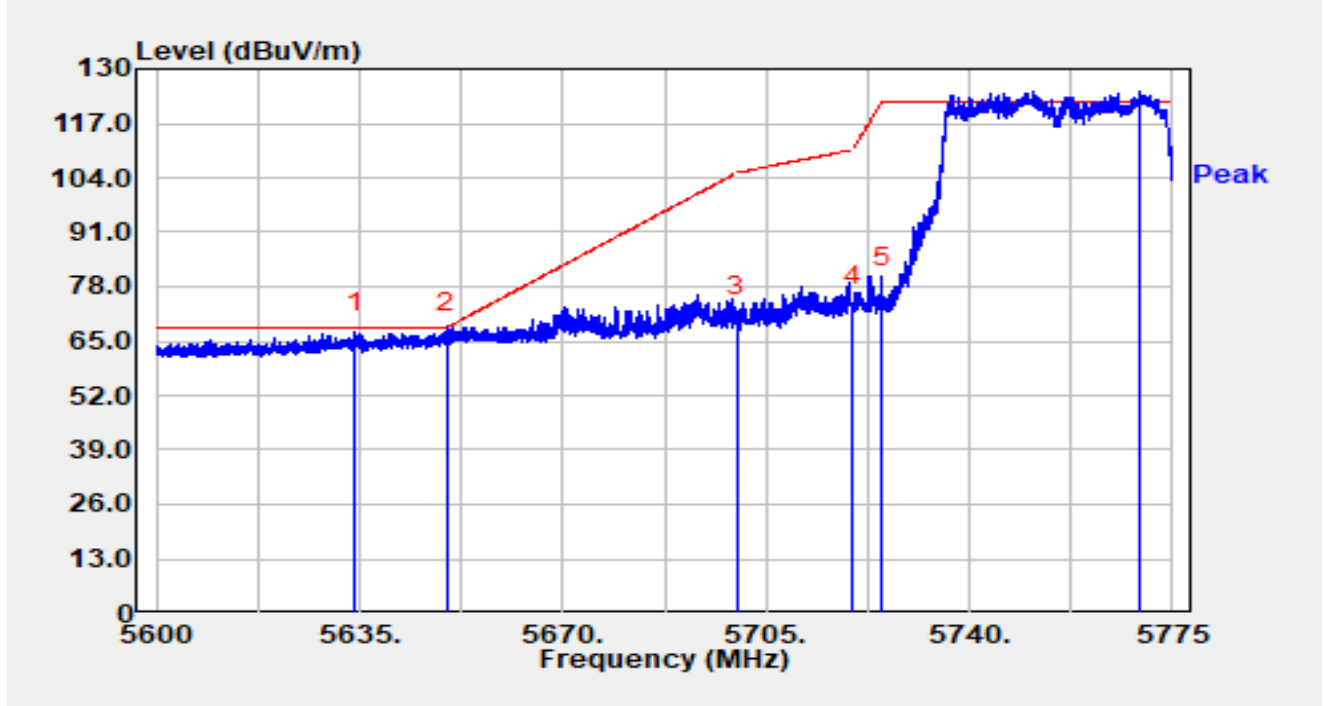


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5616.975	46.91	16.47	63.38	-4.82	68.20	Peak
2		5650.000	42.85	16.65	59.51	-8.69	68.20	Peak
3		5700.000	42.91	16.81	59.73	-45.47	105.20	Peak
4		5720.000	43.24	16.90	60.15	-50.65	110.80	Peak
5		5725.000	43.38	16.92	60.30	-61.90	122.20	Peak
6		5753.283	92.36	17.01	109.37	N/A	N/A	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-20
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15.407_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5755MHz		

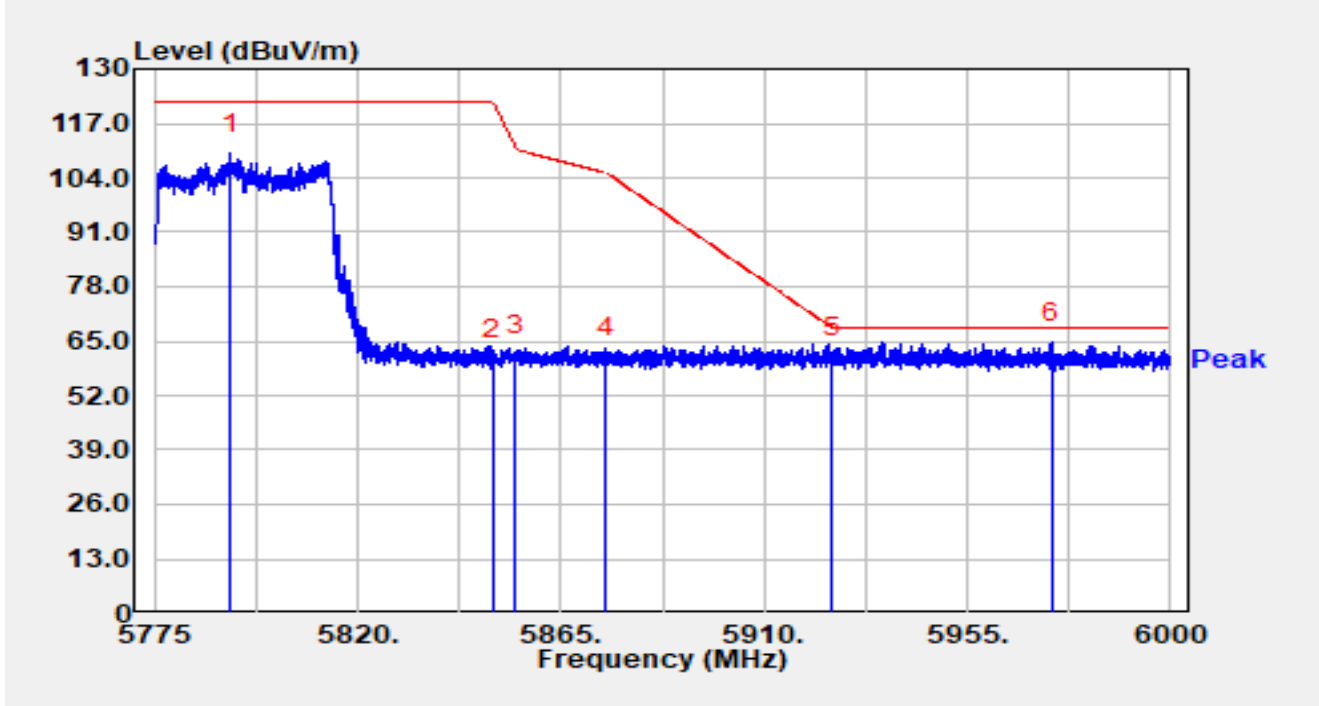


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5634.125	50.38	16.58	66.97	-1.23	68.20	Peak
2	*	5650.000	50.44	16.65	67.09	-1.11	68.20	Peak
3		5700.000	54.04	16.81	70.85	-34.35	105.20	Peak
4		5720.000	56.28	16.90	73.19	-37.61	110.80	Peak
5		5725.000	60.76	16.92	77.69	-44.51	122.20	Peak
6		5769.382	107.73	17.11	124.84	N/A	N/A	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-20
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15.407_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5795MHz		

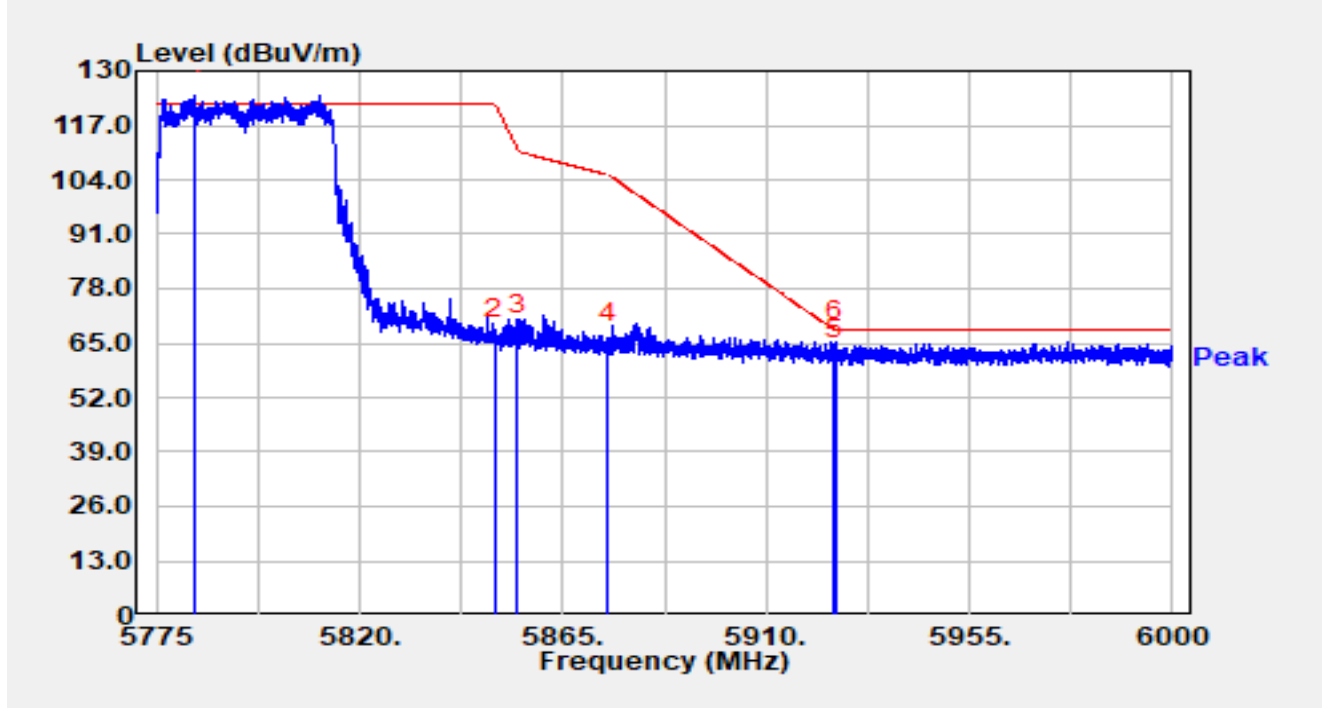


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5791.808	92.58	17.27	109.84	N/A	N/A	Peak
2		5850.000	43.38	17.31	60.70	-61.50	122.20	Peak
3		5855.000	44.15	17.32	61.47	-49.33	110.80	Peak
4		5875.000	43.70	17.38	61.08	-44.12	105.20	Peak
5		5925.000	43.65	17.36	61.01	-7.19	68.20	Peak
6	*	5973.585	47.07	17.55	64.62	-3.58	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-20
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15.407_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5795MHz		

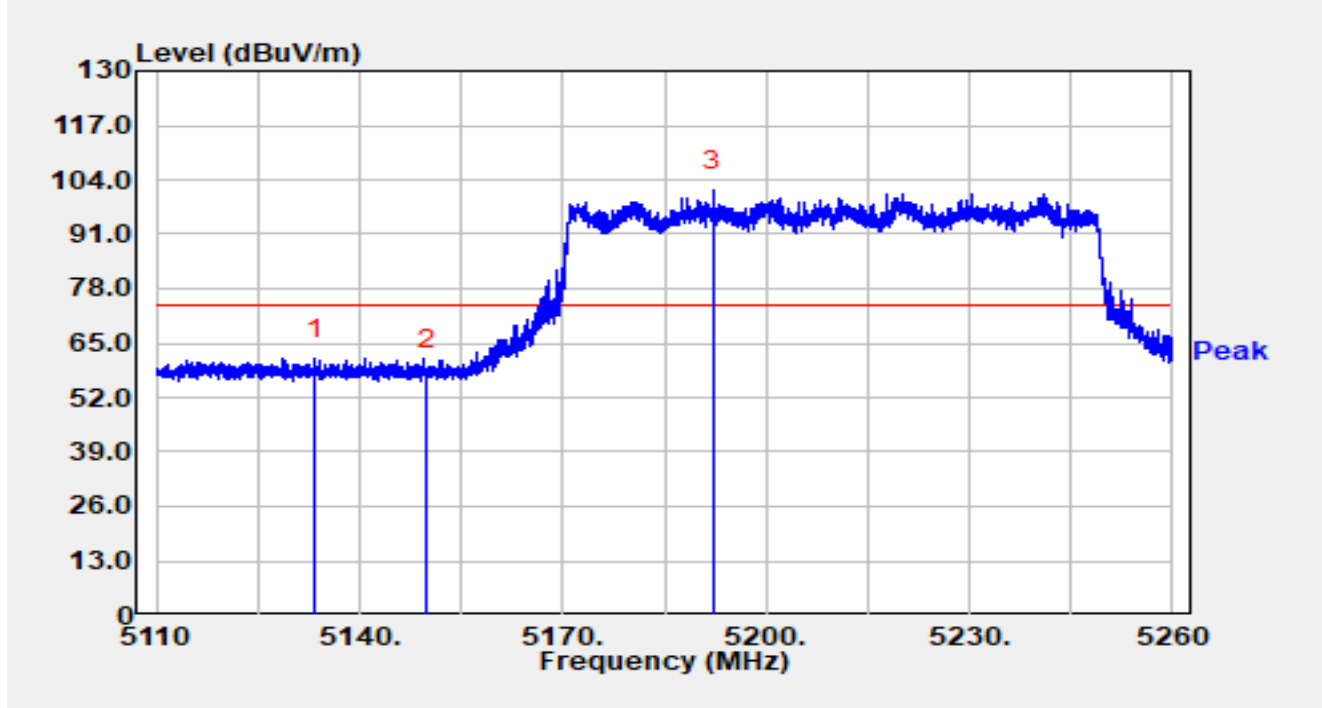


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5783.505	106.92	17.21	124.13	N/A	N/A	Peak
2		5850.000	48.78	17.31	66.09	-56.11	122.20	Peak
3		5855.000	49.69	17.32	67.02	-43.79	110.80	Peak
4		5875.000	47.84	17.38	65.21	-39.99	105.20	Peak
5		5925.000	43.60	17.36	60.96	-7.24	68.20	Peak
6	*	5925.322	48.12	17.36	65.49	-2.71	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-20
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5210MHz		

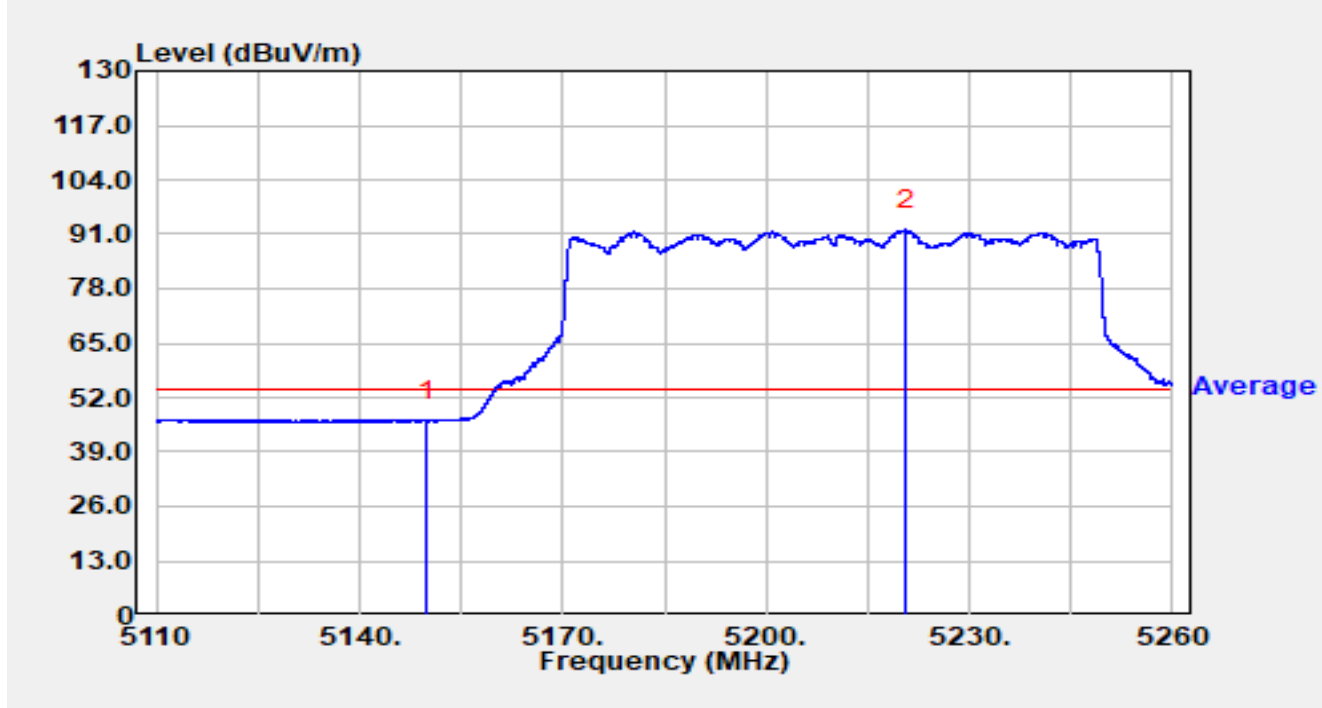


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5133.490	45.27	15.96	61.24	-12.76	74.00	Peak
2		5150.000	42.41	16.00	58.41	-15.59	74.00	Peak
3		5192.260	85.51	15.95	101.47	N/A	N/A	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-20
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5210MHz		

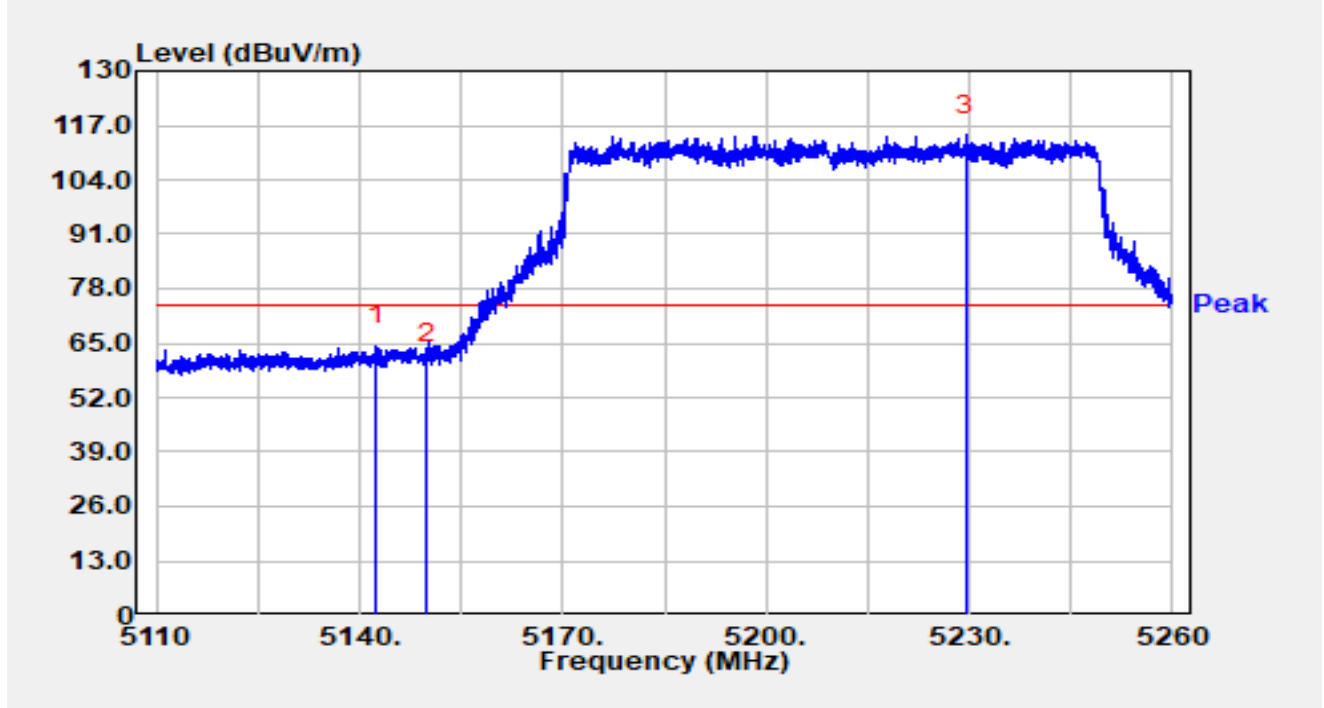


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5150.000	30.45	16.00	46.44	-7.56	54.00	Average
2		5220.700	76.22	15.87	92.09	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-20
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5210MHz		

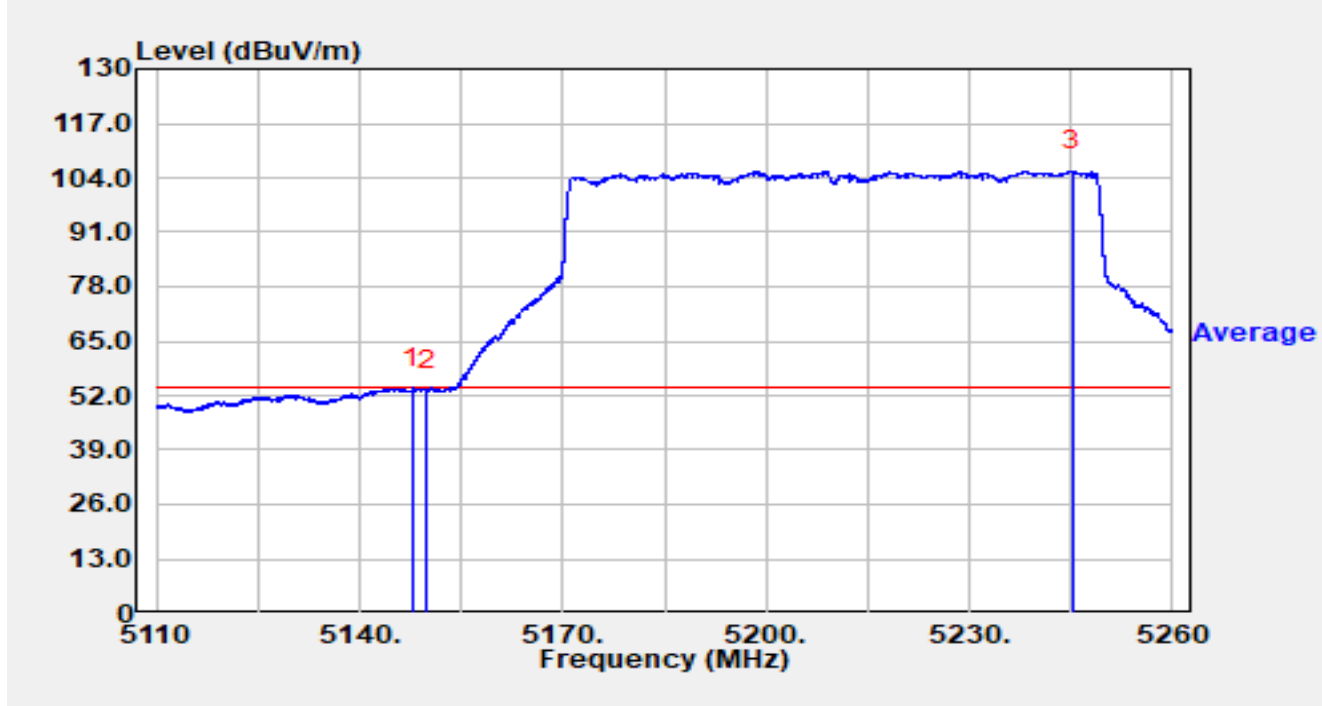


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5142.415	48.48	15.98	64.46	-9.54	74.00	Peak
2		5150.000	44.12	16.00	60.12	-13.88	74.00	Peak
3		5229.475	98.65	15.93	114.58	N/A	N/A	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-20
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5210MHz		

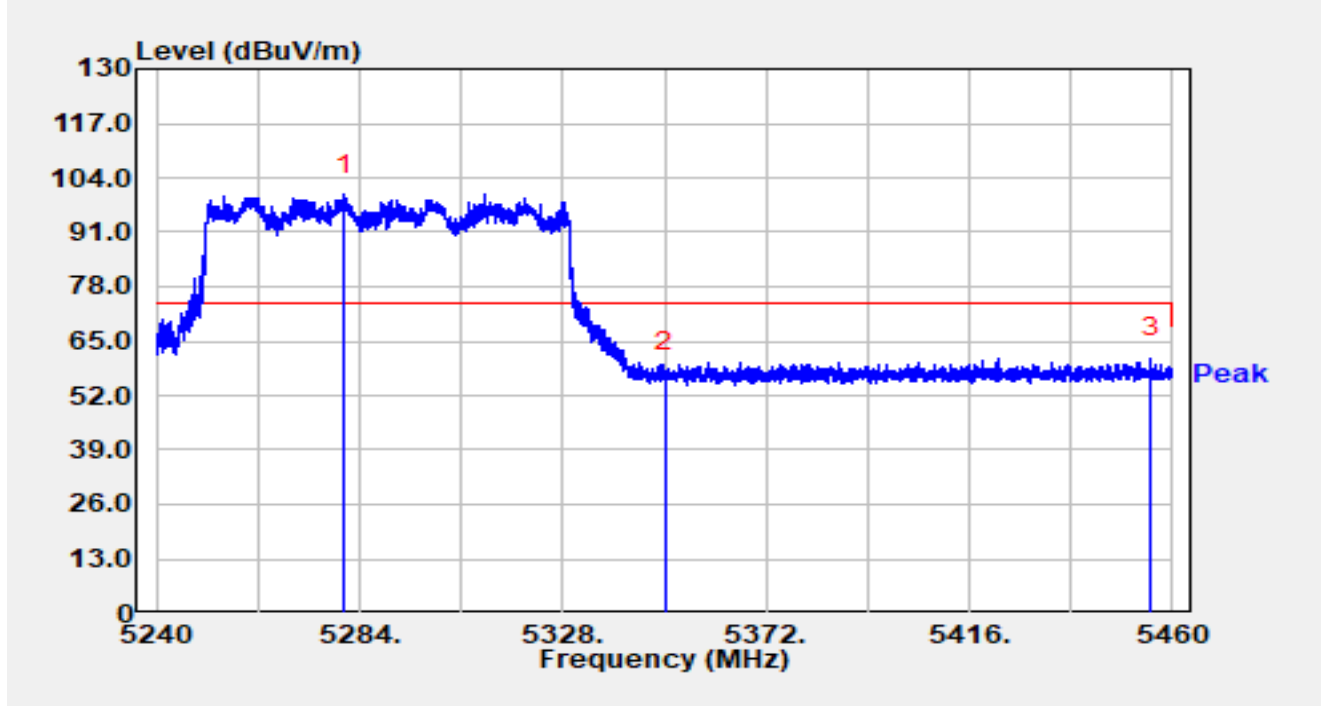


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5147.845	37.74	15.99	53.74	-0.26	54.00	Average
2		5150.000	37.47	16.00	53.46	-0.54	54.00	Average
3		5245.150	89.54	15.97	105.51	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-02-05
Temperature	16.1 °C	Humidity	44.1 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5290MHz		

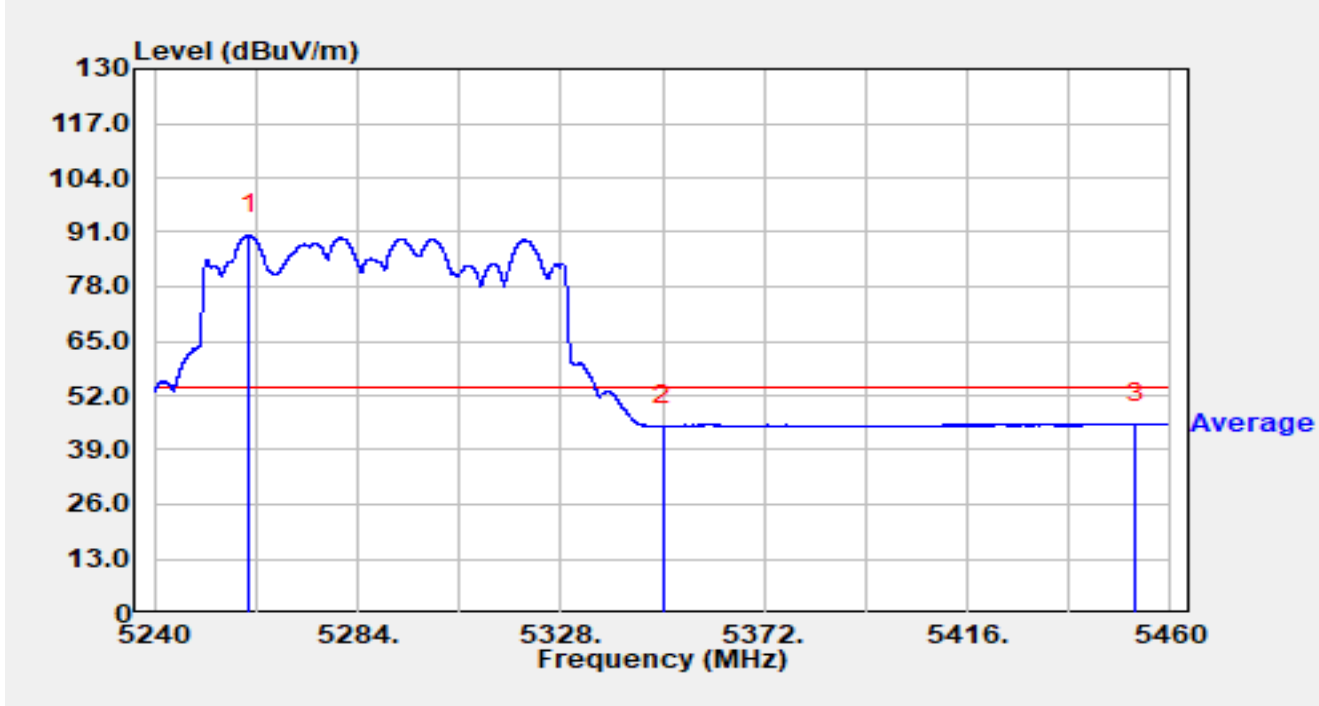


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5280.788	84.25	15.80	100.05	N/A	N/A	Peak
2		5350.000	41.86	15.68	57.54	-16.46	74.00	Peak
3	*	5455.226	44.86	16.04	60.89	-13.11	74.00	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-02-05
Temperature	16.1 °C	Humidity	44.1 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5290MHz		

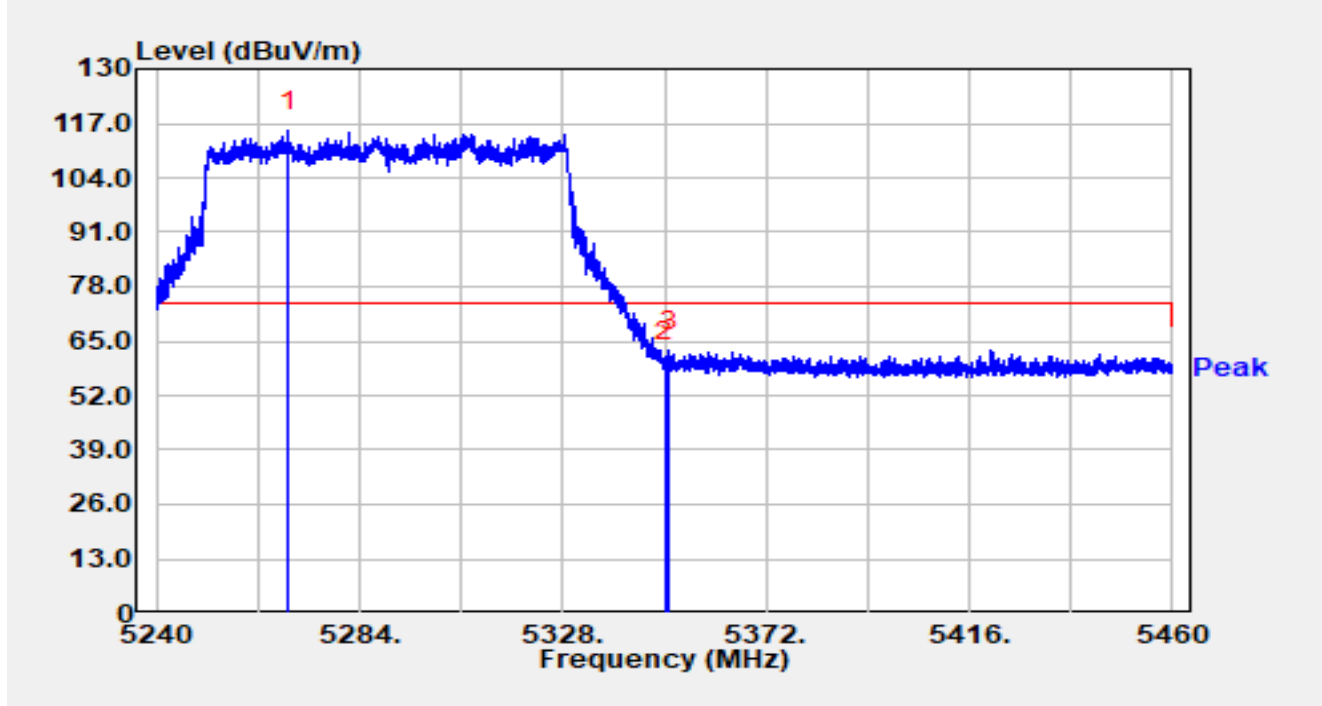


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5260.416	74.34	15.92	90.26	N/A	N/A	Average
2		5350.000	29.07	15.68	44.75	-9.25	54.00	Average
3	*	5452.476	29.17	16.02	45.19	-8.81	54.00	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-02-05
Temperature	16.1 °C	Humidity	44.1 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5290MHz		

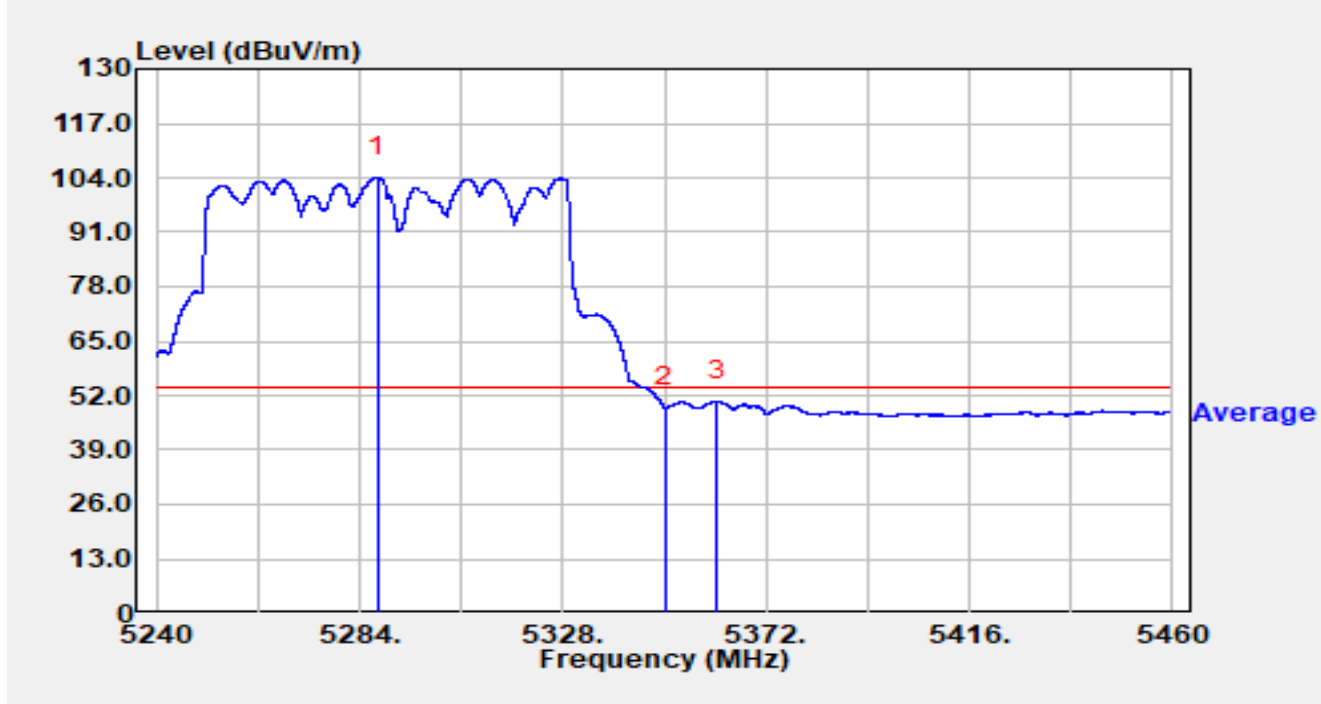


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5268.600	99.20	15.87	115.07	N/A	N/A	Peak
2		5350.000	44.46	15.68	60.14	-13.86	74.00	Peak
3	*	5351.034	46.98	15.68	62.66	-11.34	74.00	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-02-05
Temperature	16.1 °C	Humidity	44.1 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5290MHz		

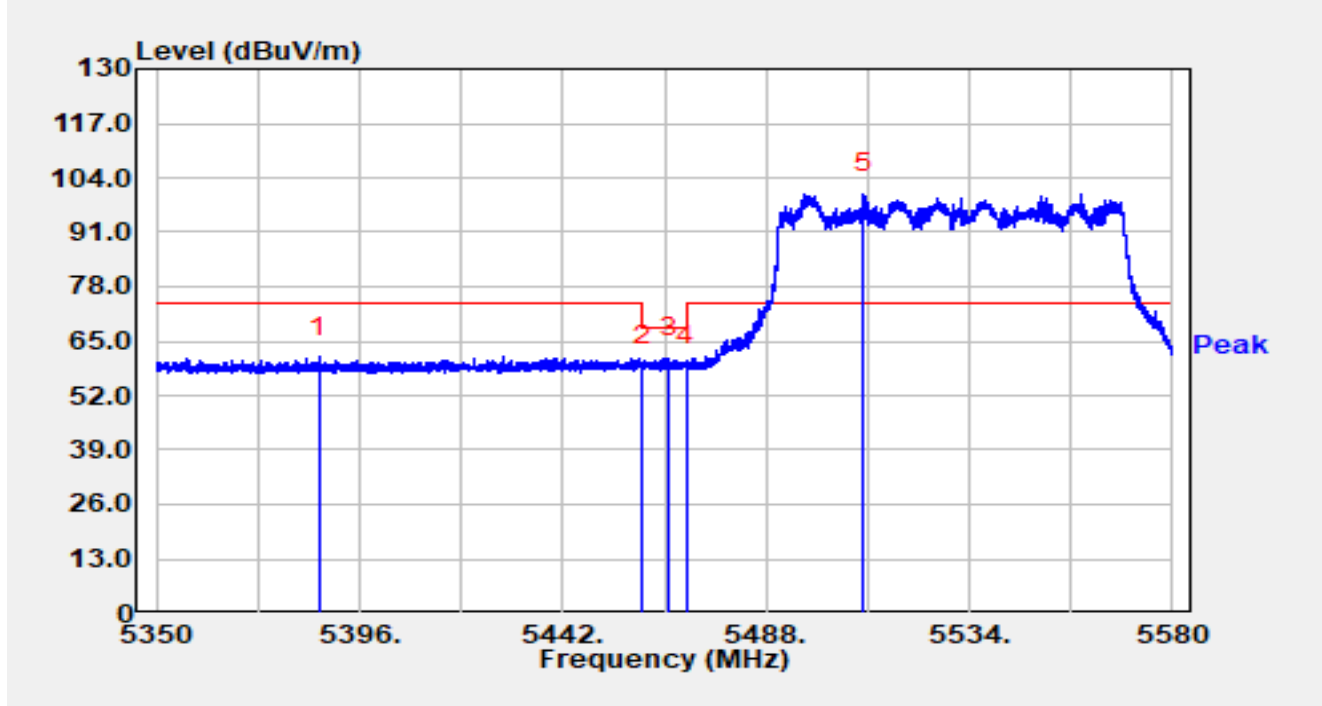


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Detector
1		5287.872	88.40	15.78	104.18	N/A	N/A	Average
2		5350.000	33.53	15.68	49.21	-4.79	54.00	Average
3	*	5361.484	35.02	15.64	50.67	-3.33	54.00	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBUV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-19
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5530MHz		

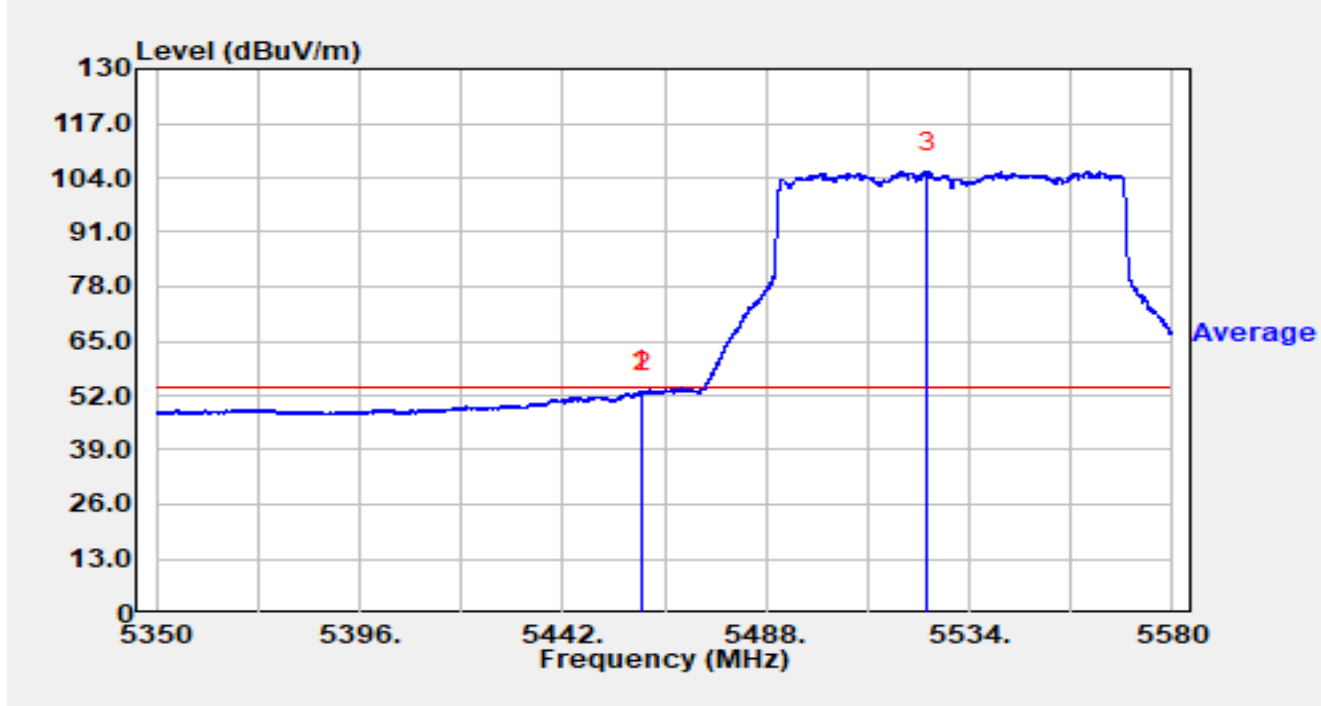


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5386.823	45.58	15.66	61.24	-12.76	74.00	Peak
2		5460.000	43.29	16.02	59.31	-8.89	68.20	Peak
3	*	5466.104	45.01	16.00	61.01	-7.19	68.20	Peak
4		5470.000	42.96	15.98	58.95	-9.25	68.20	Peak
5		5510.149	83.93	16.22	100.14	N/A	N/A	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-19
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5530MHz		

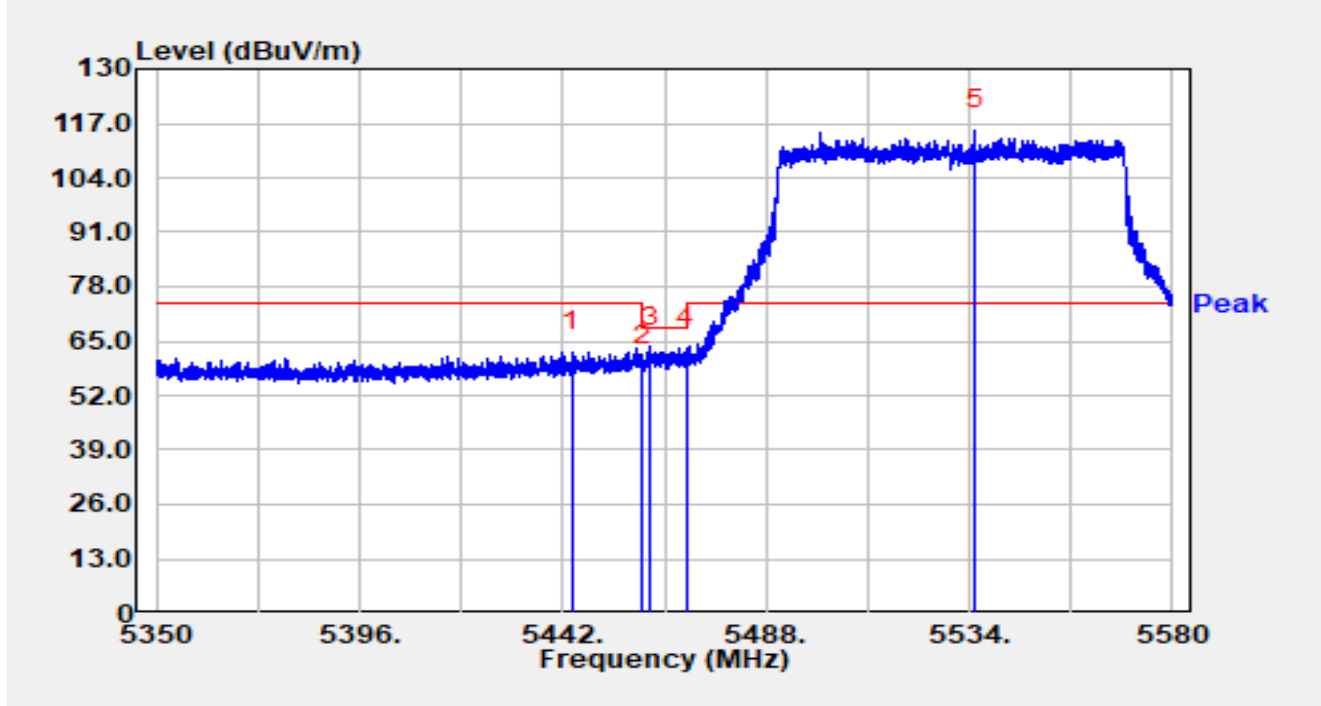


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5459.687	36.96	16.02	52.99	-1.01	54.00	Average
2		5460.000	36.65	16.02	52.68	-1.32	54.00	Average
3		5524.639	89.31	16.16	105.46	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-19
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5530MHz		

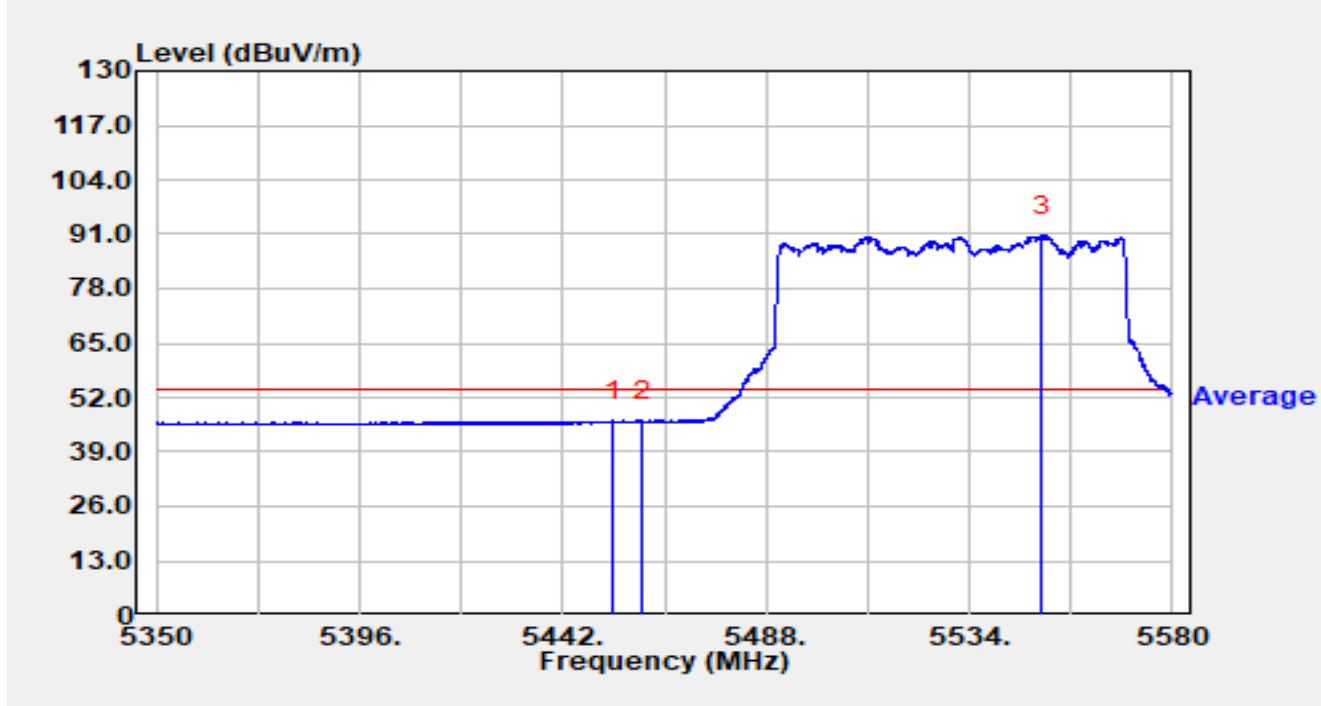


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5444.024	46.61	15.92	62.54	-11.46	74.00	Peak
2		5460.009	43.15	16.02	59.17	-9.03	68.20	Peak
3	*	5461.941	47.67	16.01	63.69	-4.51	68.20	Peak
4		5470.000	47.33	15.98	63.31	-4.89	68.20	Peak
5		5535.265	99.31	16.16	115.47	N/A	N/A	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-19
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5530MHz		

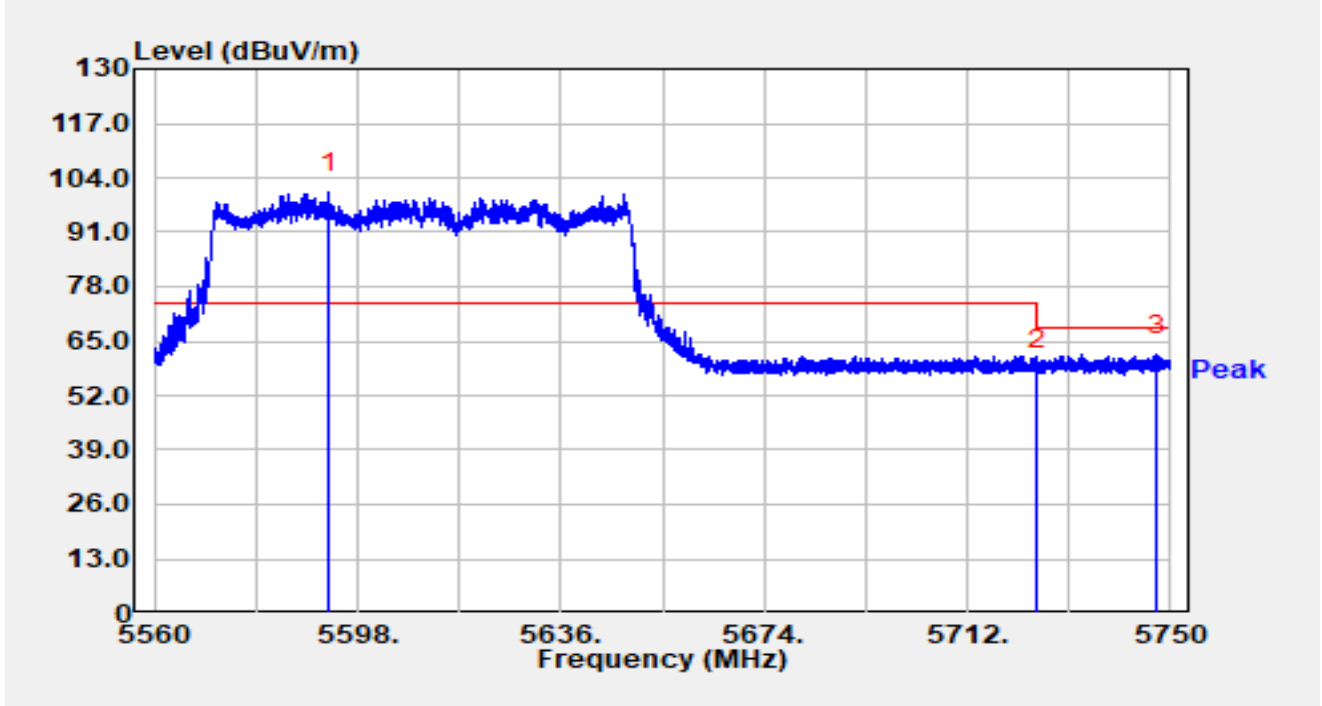


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5453.408	30.40	16.03	46.43	-7.57	54.00	Average
2		5460.000	30.26	16.02	46.28	-7.72	54.00	Average
3		5550.307	74.39	16.25	90.64	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-02-05
Temperature	16.1 °C	Humidity	44.1 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5610MHz		

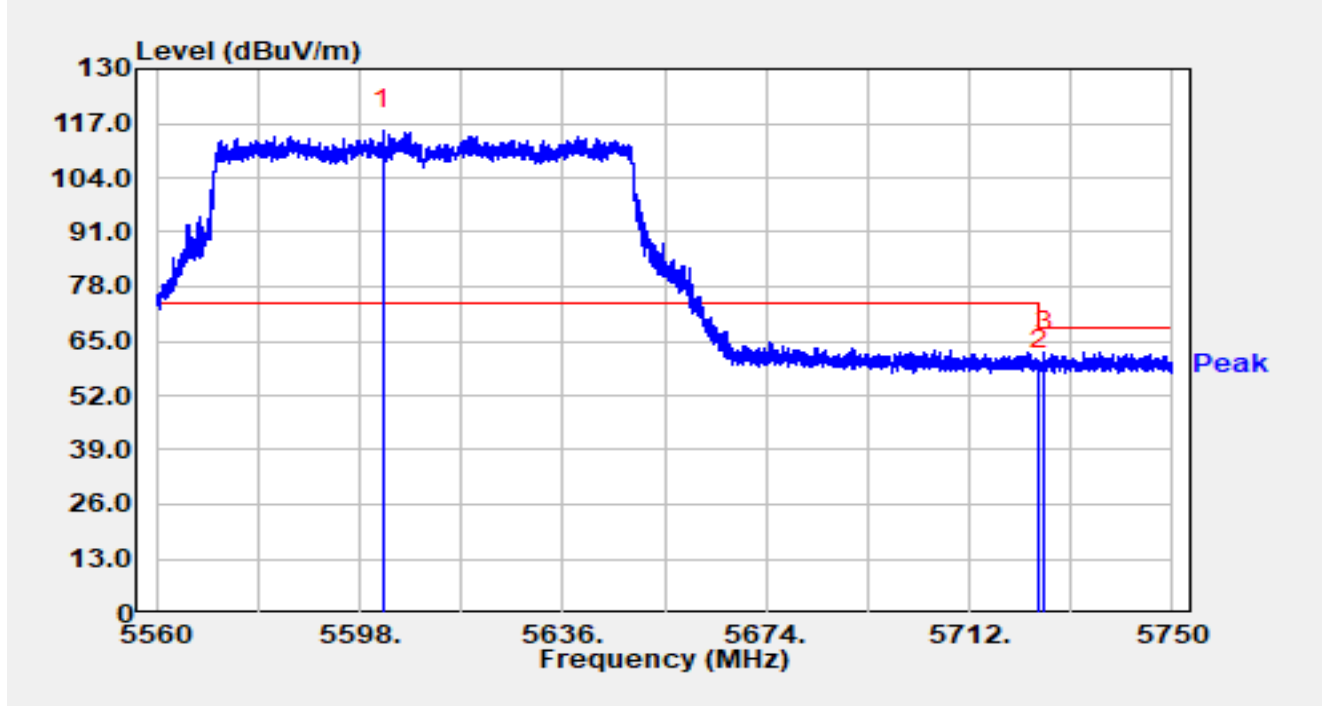


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5592.566	84.07	16.42	100.49	N/A	N/A	Peak
2		5725.000	41.36	16.92	58.29	-9.91	68.20	Peak
3	*	5747.473	44.78	16.98	61.76	-6.44	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-02-05
Temperature	16.1 °C	Humidity	44.1 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5610MHz		

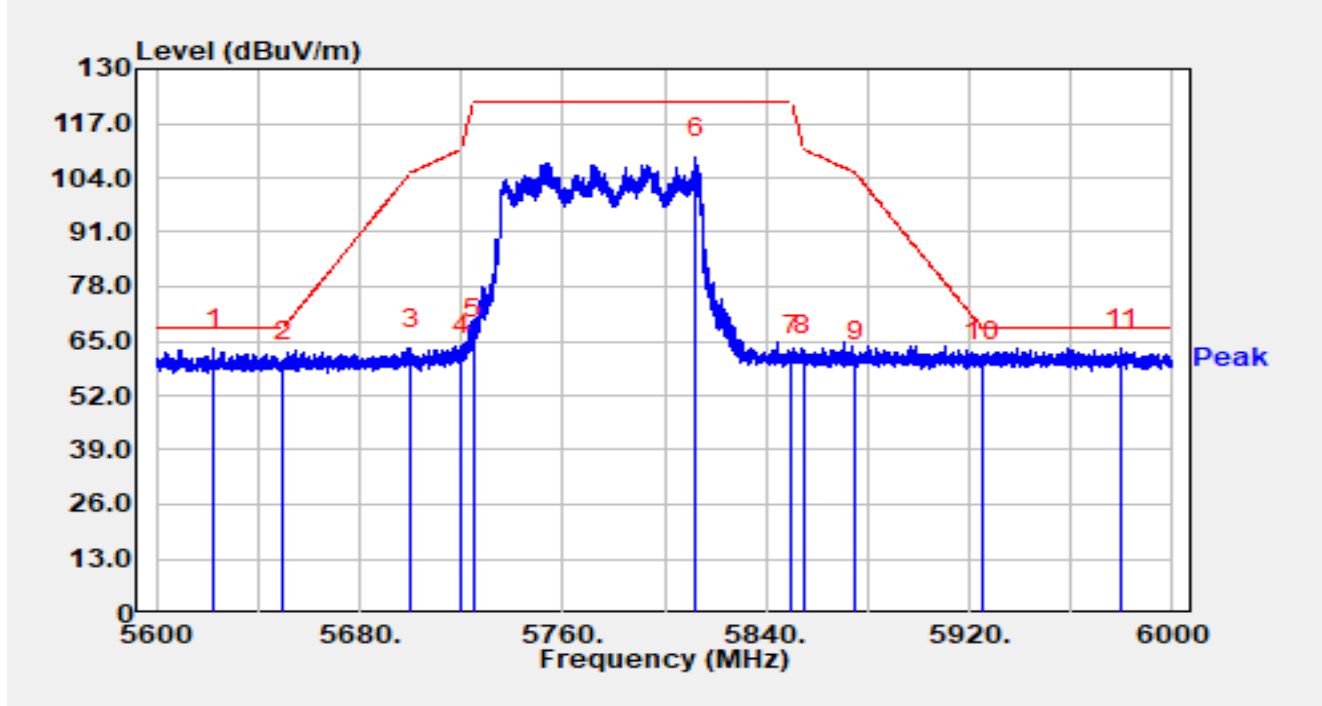


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5602.446	98.98	16.44	115.42	N/A	N/A	Peak
2		5725.000	41.28	16.92	58.21	-9.99	68.20	Peak
3	*	5725.965	45.40	16.93	62.32	-5.88	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-19
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15.407_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5775MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5622.680	46.71	16.50	63.21	-4.99	68.20	Peak
2		5650.000	43.40	16.65	60.05	-8.15	68.20	Peak
3		5700.000	46.34	16.81	63.15	-42.05	105.20	Peak
4		5720.000	44.61	16.90	61.52	-49.28	110.80	Peak
5		5725.000	48.74	16.92	65.66	-56.54	122.20	Peak
6		5812.440	91.52	17.37	108.89	N/A	N/A	Peak
7		5850.000	44.03	17.31	61.35	-60.85	122.20	Peak
8		5855.000	44.10	17.32	61.42	-49.38	110.80	Peak
9		5875.000	42.88	17.38	60.25	-44.95	105.20	Peak
10		5925.000	42.90	17.36	60.26	-7.94	68.20	Peak
11	*	5979.840	45.67	17.59	63.26	-4.94	68.20	Peak

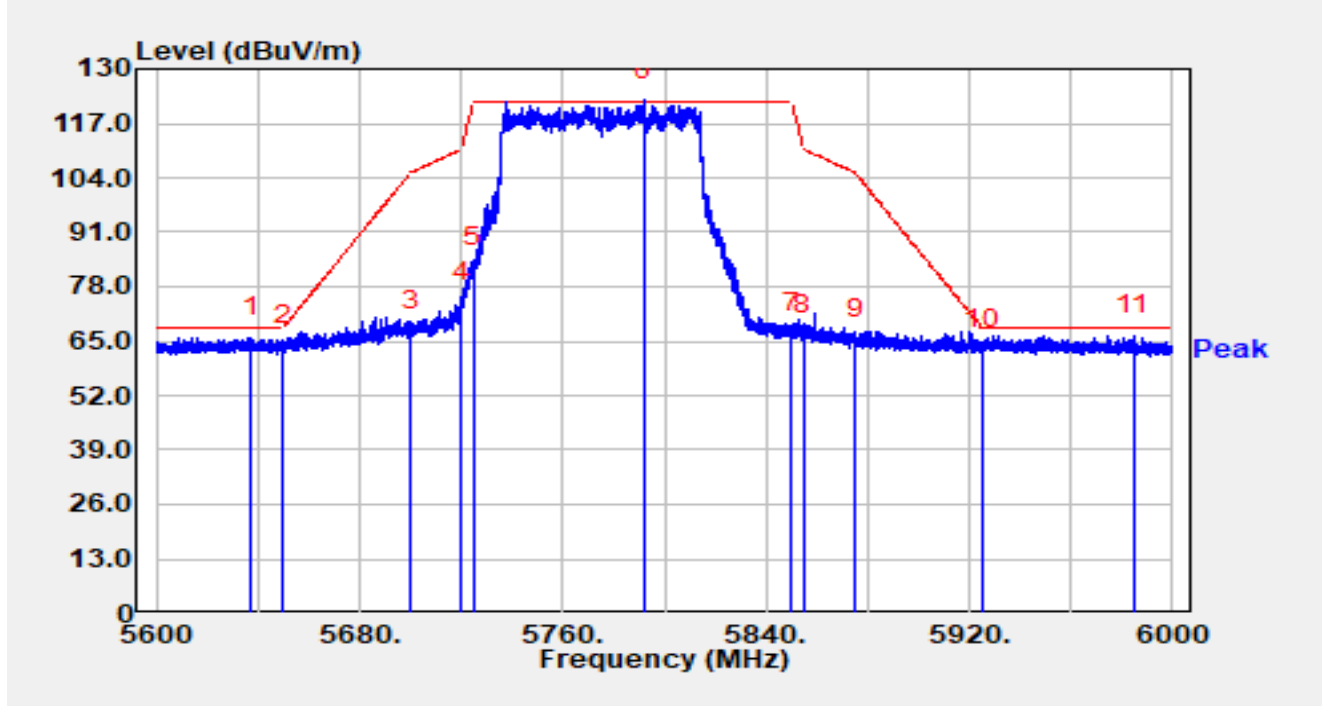
Notes:

1. " * ", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).

3. Measurement (dB μ V/m) = Reading (dB μ V) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-19
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15.407_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5775MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5637.240	49.27	16.60	65.87	-2.33	68.20	Peak
2		5650.000	47.47	16.65	64.12	-4.08	68.20	Peak
3		5700.000	50.54	16.81	67.35	-37.85	105.20	Peak
4		5720.000	57.28	16.90	74.19	-36.61	110.80	Peak
5		5725.000	65.58	16.92	82.50	-39.70	122.20	Peak
6		5791.960	105.15	17.27	122.42	N/A	N/A	Peak
7		5850.000	49.84	17.31	67.15	-55.05	122.20	Peak
8		5855.000	49.32	17.32	66.65	-44.15	110.80	Peak
9		5875.000	48.13	17.38	65.50	-39.70	105.20	Peak
10		5925.000	45.85	17.36	63.22	-4.98	68.20	Peak
11	*	5984.760	48.82	17.53	66.36	-1.84	68.20	Peak

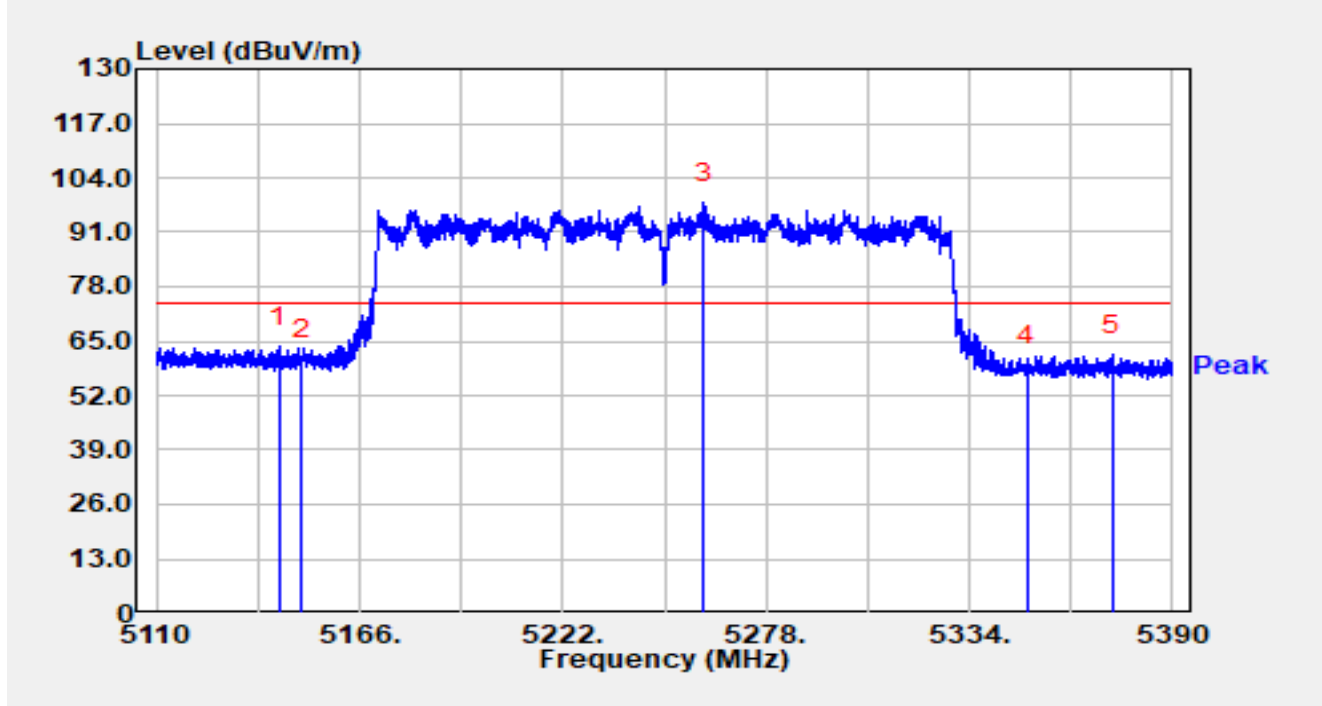
Notes:

1. " * ", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).

3. Measurement (dB μ V/m) = Reading (dB μ V) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-20
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5250MHz		

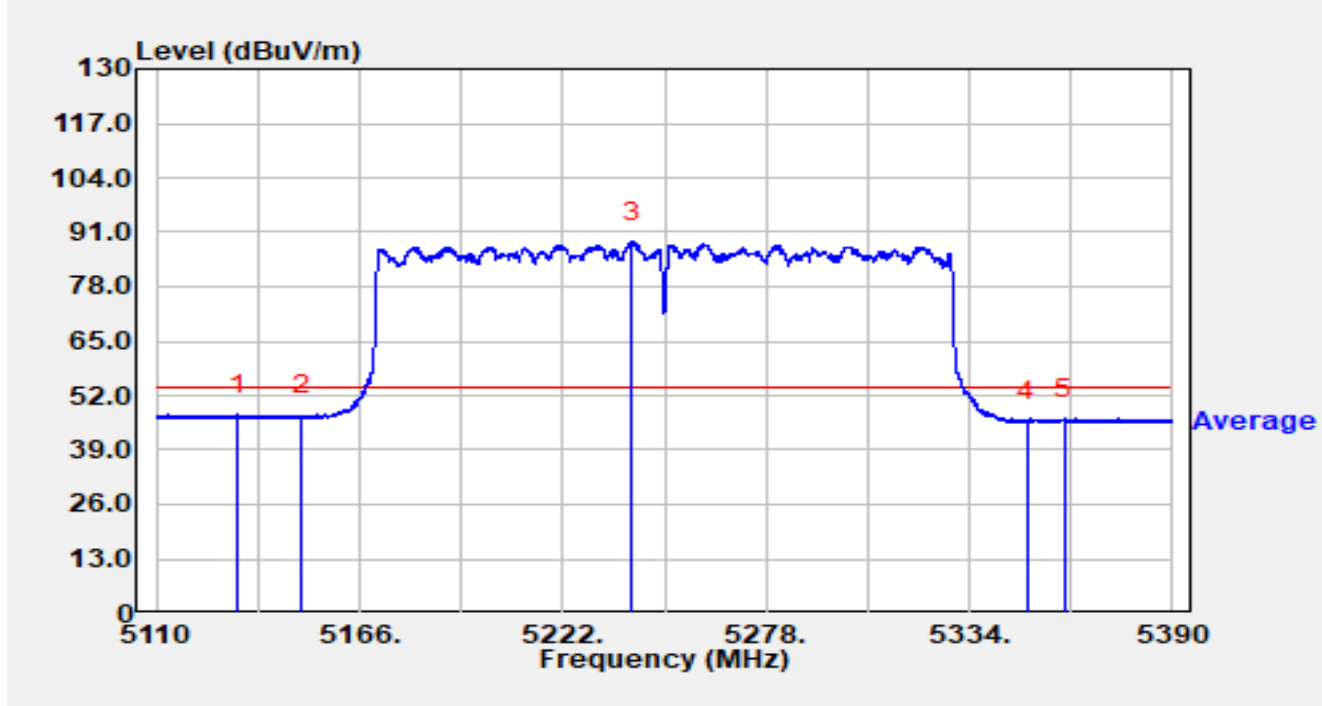


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Detector
1	*	5143.880	47.75	15.99	63.74	-10.26	74.00	Peak
2		5150.000	44.50	16.00	60.50	-13.50	74.00	Peak
3		5260.948	82.14	15.92	98.06	N/A	N/A	Peak
4		5350.000	43.35	15.68	59.03	-14.97	74.00	Peak
5		5373.312	46.01	15.63	61.63	-12.37	74.00	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBUV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-20
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5250MHz		

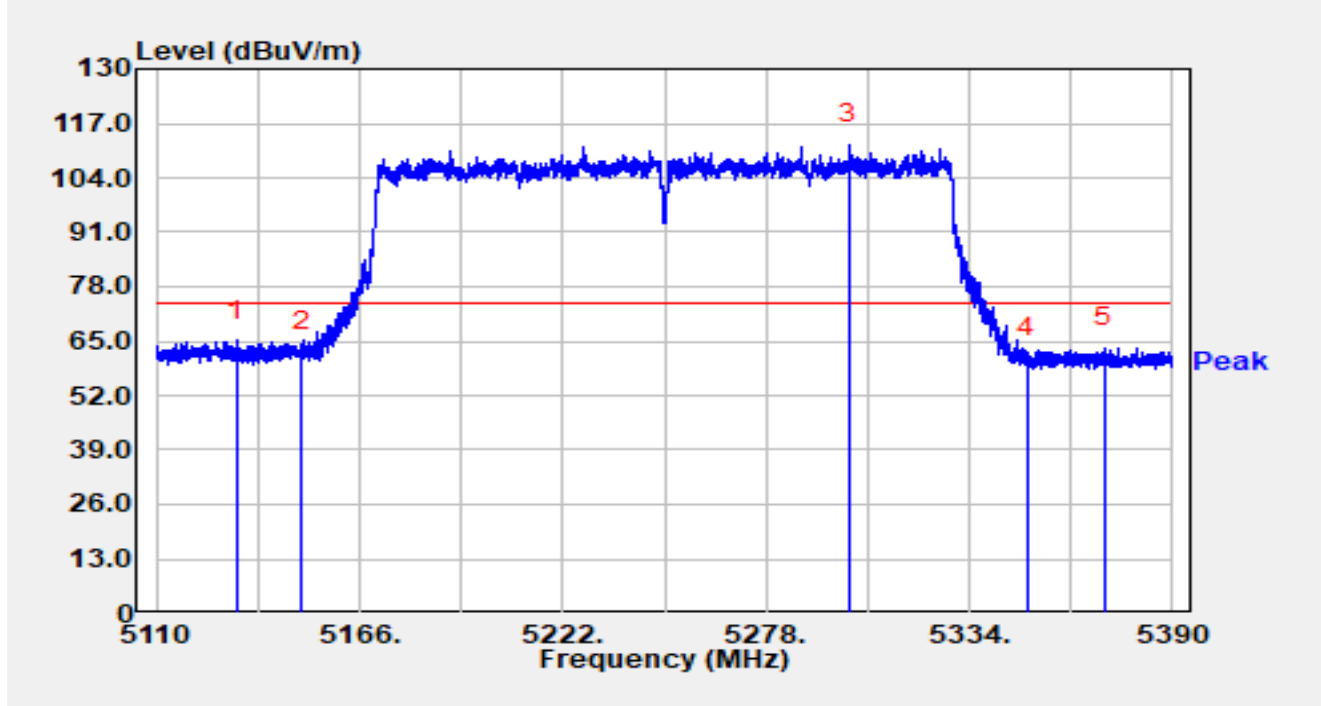


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5132.428	31.51	15.96	47.48	-6.52	54.00	Average
2		5150.000	31.26	16.00	47.26	-6.74	54.00	Average
3		5241.096	72.62	15.97	88.59	N/A	N/A	Average
4		5350.000	30.23	15.68	45.91	-8.09	54.00	Average
5		5360.152	30.90	15.65	46.55	-7.45	54.00	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-20
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5250MHz		

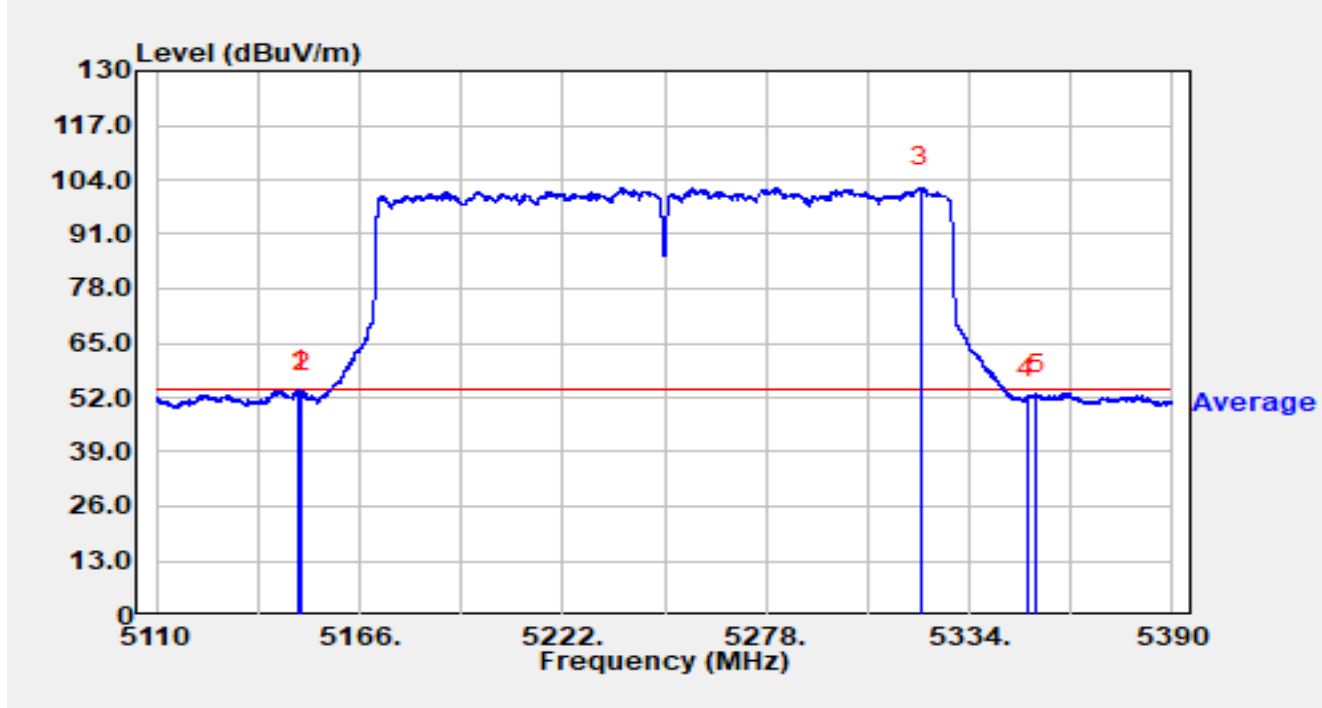


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5132.064	49.15	15.96	65.11	-8.89	74.00	Peak
2		5150.000	46.43	16.00	62.43	-11.57	74.00	Peak
3		5300.820	96.12	15.76	111.88	N/A	N/A	Peak
4		5350.000	45.43	15.68	61.11	-12.89	74.00	Peak
5		5371.296	47.77	15.62	63.39	-10.61	74.00	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-20
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5250MHz		

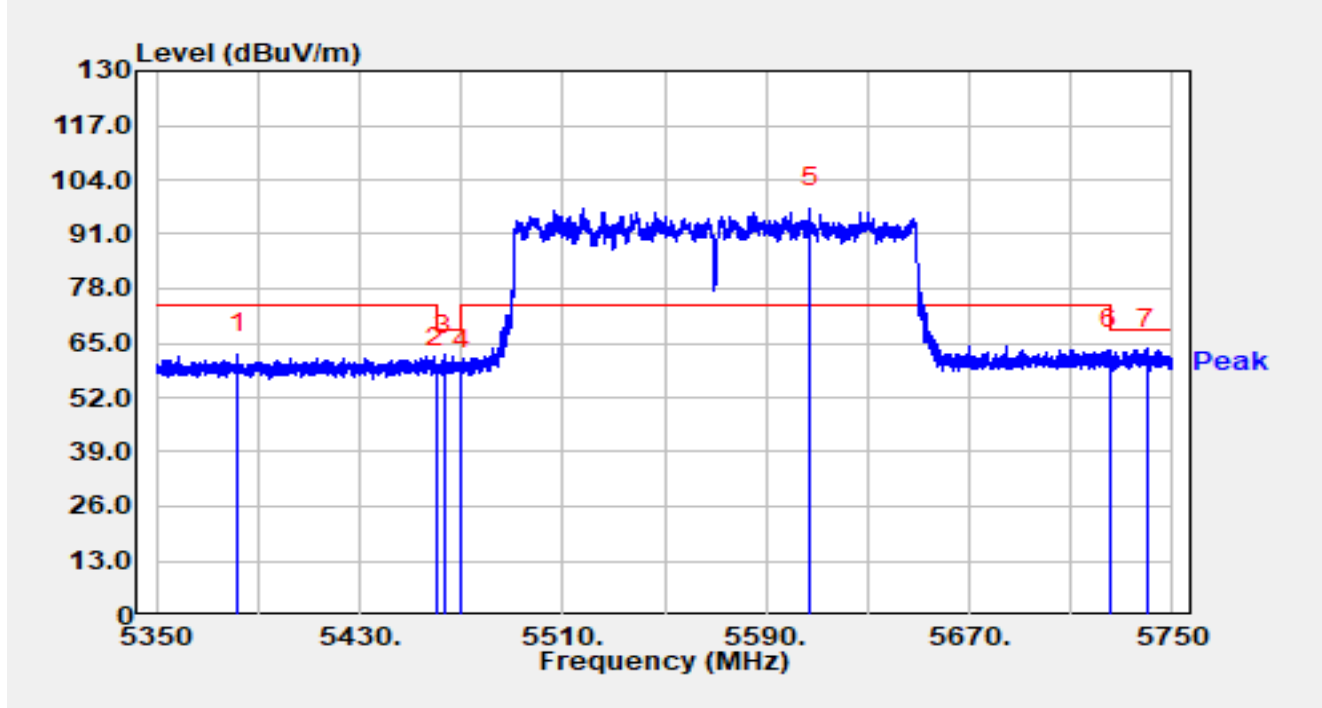


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5149.480	37.89	16.00	53.89	-0.11	54.00	Average
2		5150.000	37.38	16.00	53.37	-0.63	54.00	Average
3		5320.420	86.38	15.80	102.17	N/A	N/A	Average
4		5350.000	36.05	15.68	51.73	-2.27	54.00	Average
5		5352.452	37.29	15.68	52.96	-1.04	54.00	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-20
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5570MHz		

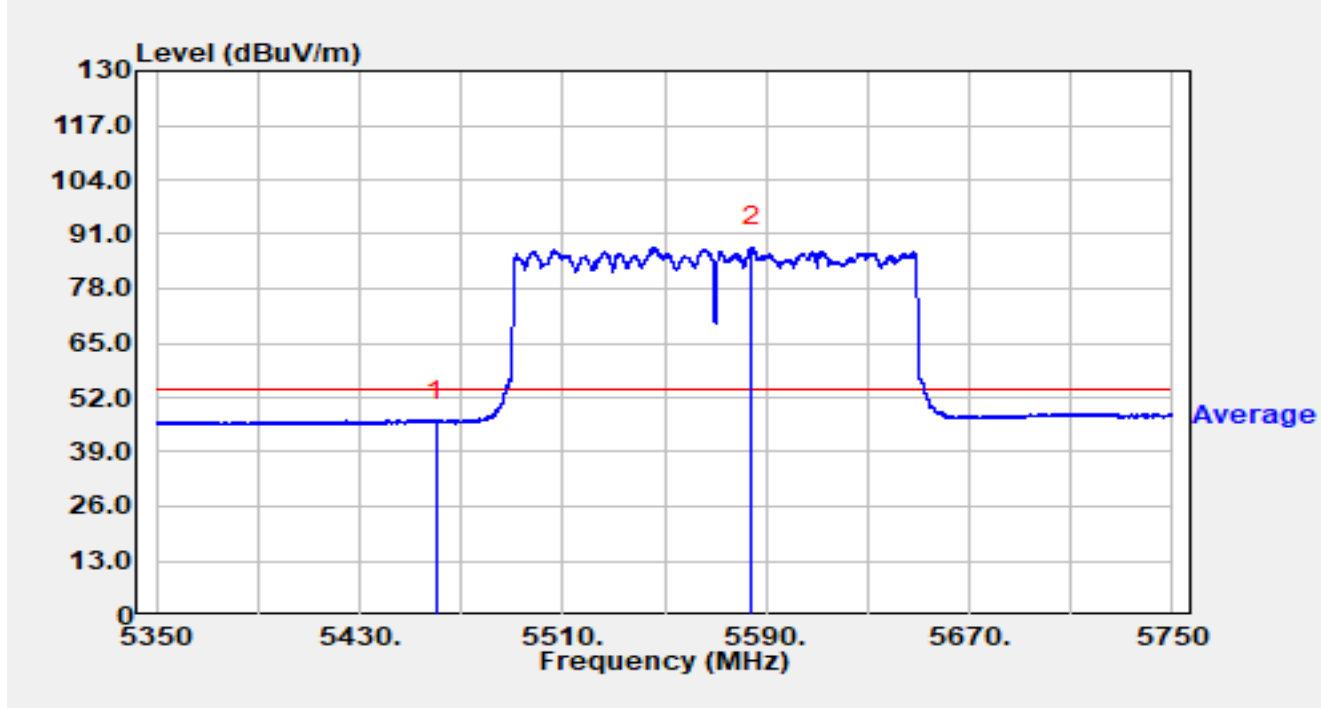


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5382.080	46.81	15.65	62.46	-11.54	74.00	Peak
2		5460.000	43.06	16.02	59.08	-9.12	68.20	Peak
3		5463.280	46.15	16.01	62.16	-6.04	68.20	Peak
4		5470.000	42.50	15.98	58.49	-9.71	68.20	Peak
5		5607.400	80.85	16.45	97.30	N/A	N/A	Peak
6		5725.000	46.60	16.92	63.52	-4.68	68.20	Peak
7	*	5739.720	46.71	16.95	63.67	-4.53	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-20
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5570MHz		

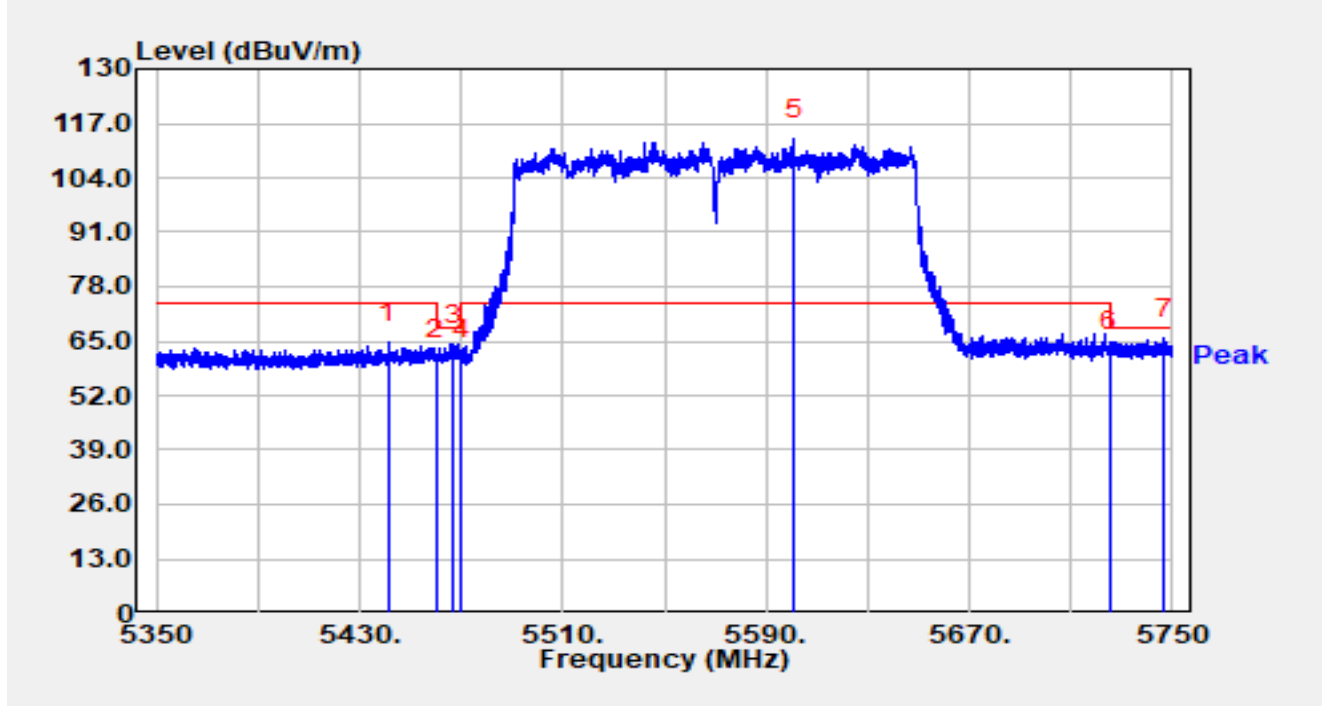


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5460.000	30.17	16.02	46.19	-7.81	54.00	Average
2		5584.480	71.61	16.42	88.03	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-20
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5570MHz		

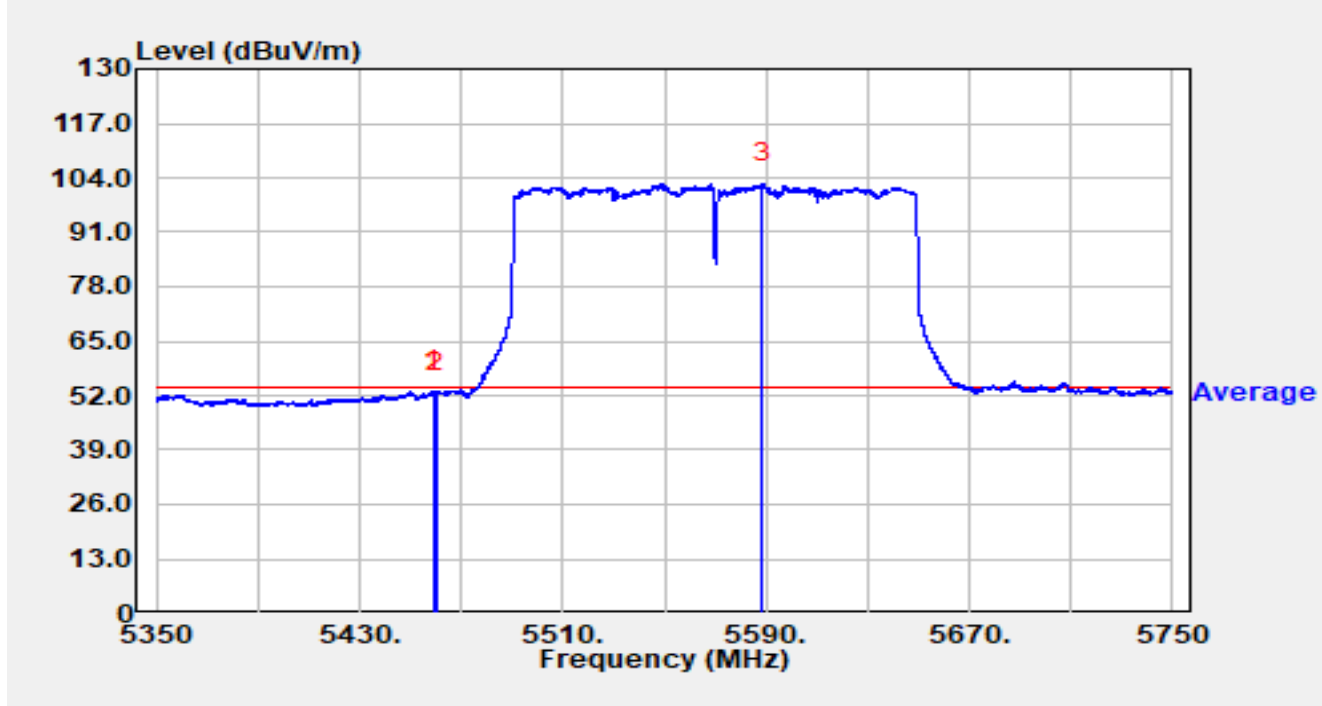


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5441.480	48.80	15.90	64.69	-9.31	74.00	Peak
2		5460.000	44.55	16.02	60.58	-7.62	68.20	Peak
3		5467.040	48.19	15.99	64.19	-4.01	68.20	Peak
4		5470.000	44.56	15.98	60.54	-7.66	68.20	Peak
5		5601.120	96.78	16.44	113.22	N/A	N/A	Peak
6		5725.000	45.57	16.92	62.50	-5.70	68.20	Peak
7	*	5746.560	48.75	16.97	65.72	-2.48	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-01-20
Temperature	17.1 °C	Humidity	30.3 %
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5570MHz		



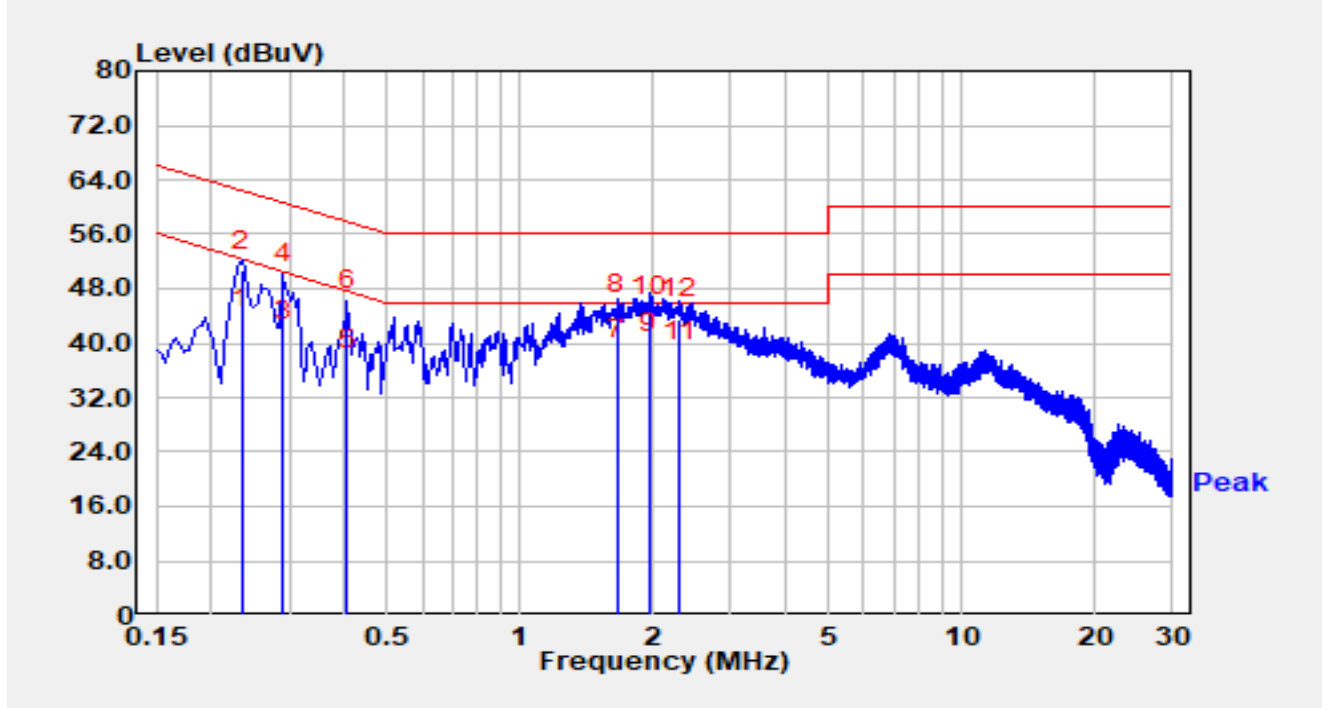
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5458.880	37.11	16.03	53.14	-0.86	54.00	Average
2		5460.000	36.60	16.02	52.62	-1.38	54.00	Average
3		5588.320	86.15	16.41	102.56	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

A.9 AC Conducted Emissions Test Result

Site	WJ-SR5	Test Date	2025-01-23
Temperature	15.3 °C	Humidity	47.3 %
Limit	FCC Part15.207_CE	Test Engineer	Carl Jiang
Factor	ENV216-07202_L1_Filter Off_E	Polarity	Line
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	120V/60Hz
Test Mode	Transmit by 802.11ac-VHT20 at 5785MHz		

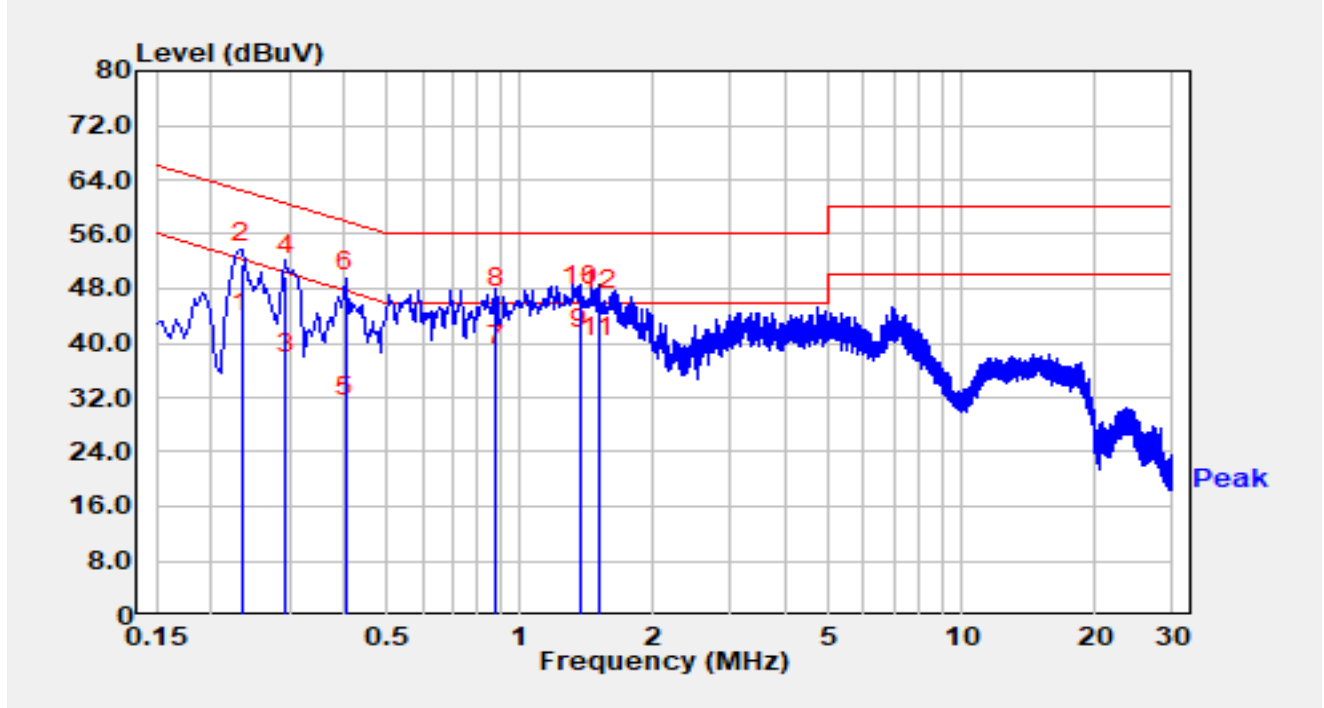


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.234	32.10	9.88	41.98	-10.32	52.31	Average
2		0.234	40.80	9.88	50.68	-11.62	62.31	QP
3		0.290	30.30	9.90	40.20	-10.33	50.52	Average
4		0.290	38.80	9.90	48.70	-11.83	60.52	QP
5		0.406	26.20	9.93	36.13	-11.60	47.73	Average
6		0.406	35.00	9.93	44.93	-12.80	57.73	QP
7		1.662	27.50	10.19	37.69	-8.31	46.00	Average
8		1.662	33.90	10.19	44.09	-11.91	56.00	QP
9	*	1.958	28.20	10.20	38.40	-7.60	46.00	Average
10		1.958	33.70	10.20	43.90	-12.10	56.00	QP
11		2.290	27.20	10.21	37.41	-8.59	46.00	Average
12		2.290	33.40	10.21	43.61	-12.39	56.00	QP

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB) = LISN Factor (dB) + Cable Loss (dB).
3. Measurement (dB μ V) = Reading (dB μ V) + C.F (dB).

Site	WJ-SR5	Test Date	2025-01-23
Temperature	15.3 °C	Humidity	47.3 %
Limit	FCC Part15.207_CE	Test Engineer	Carl Jiang
Factor	ENV216-07202_N_Filter Off_E	Polarity	Neutral
EUT	BE6500 Wi-Fi 7 Range Extender	Test Voltage	120V/60Hz
Test Mode	Transmit by 802.11ac-VHT20 at 5785MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.234	31.60	9.89	41.49	-10.81	52.31	Average
2		0.234	41.80	9.89	51.69	-10.61	62.31	QP
3		0.294	25.70	9.91	35.61	-14.80	50.41	Average
4		0.294	40.00	9.91	49.91	-10.50	60.41	QP
5		0.402	19.10	9.95	29.05	-18.77	47.81	Average
6		0.402	37.70	9.95	47.65	-10.17	57.81	QP
7		0.882	26.50	10.15	36.65	-9.35	46.00	Average
8		0.882	35.00	10.15	45.15	-10.85	56.00	QP
9	*	1.362	28.80	10.21	39.01	-6.99	46.00	Average
10		1.362	35.10	10.21	45.31	-10.69	56.00	QP
11		1.506	27.80	10.22	38.02	-7.98	46.00	Average
12		1.506	34.60	10.22	44.82	-11.18	56.00	QP

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB) = LISN Factor (dB) + Cable Loss (dB).
3. Measurement (dB μ V) = Reading (dB μ V) + C.F (dB).

Appendix B – Test Setup Photograph

Refer to “R25S1019019-UT” file.

Appendix C – EUT Photograph

Refer to “R25S1019019-UE” file.

The End
