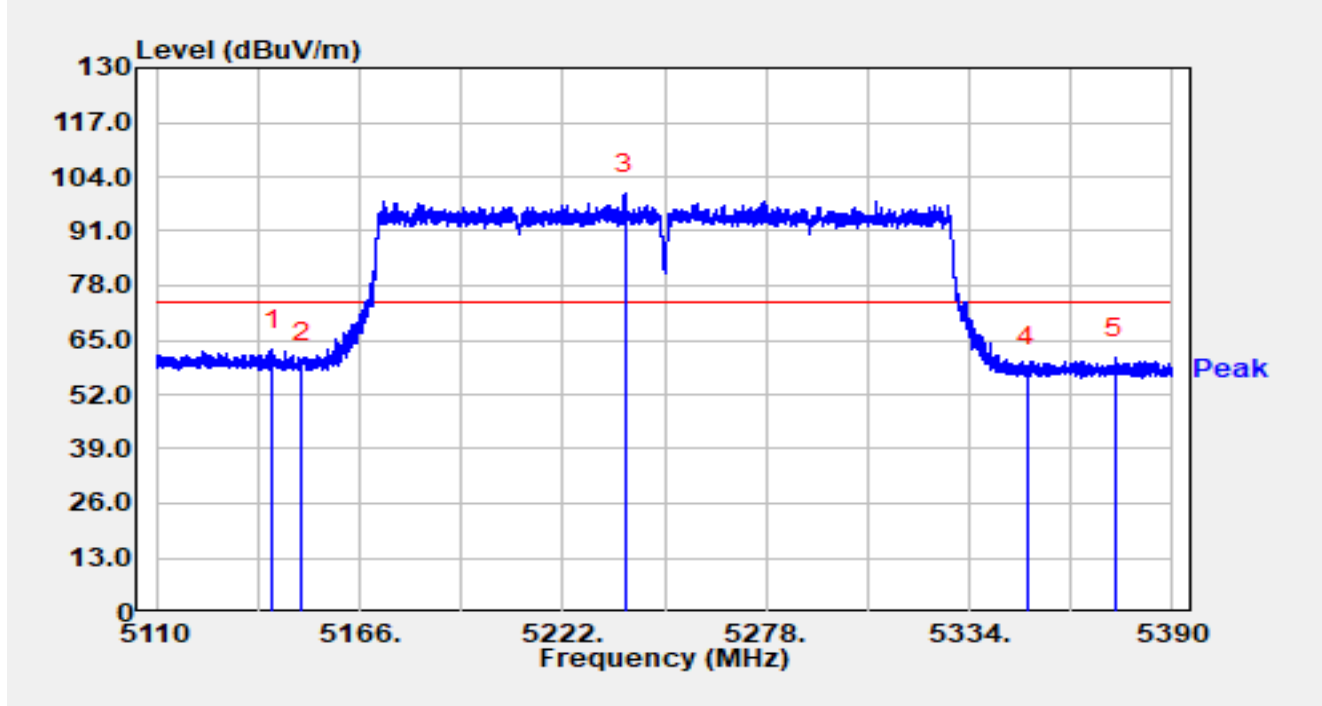


Site	WJ-AC2	Test Date	2025-04-17
Temperature	24.0 °C	Humidity	31.9 %
Limit	FCC_5G_RE (3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	Tri-band Wi-Fi 7 Mesh AP	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5250MHz		

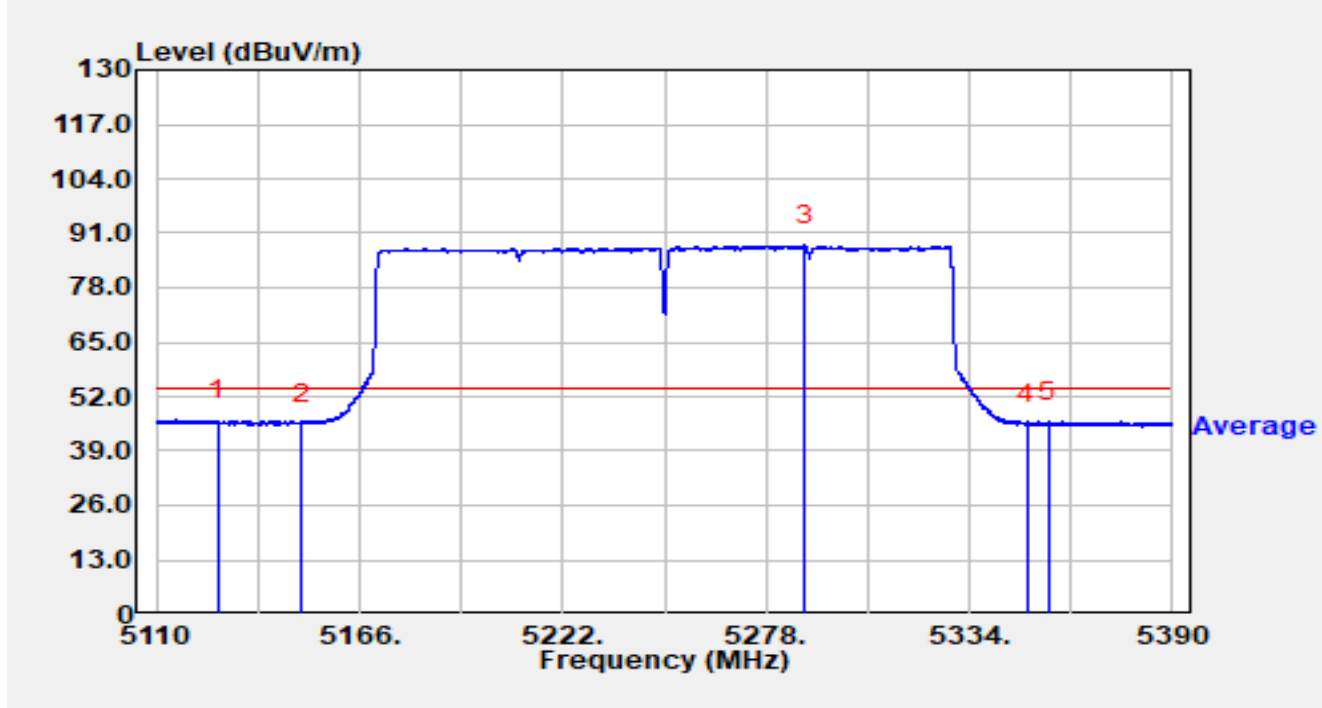


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5141.948	46.59	15.98	62.57	-11.43	74.00	Peak
2		5150.012	43.48	16.00	59.47	-14.53	74.00	Peak
3		5239.024	83.99	15.97	99.96	N/A	N/A	Peak
4		5350.000	42.87	15.68	58.55	-15.45	74.00	Peak
5		5374.320	45.08	15.63	60.71	-13.29	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	2025-04-17
Temperature	24.0 °C	Humidity	31.9 %
Limit	FCC_5G_RE (3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	Tri-band Wi-Fi 7 Mesh AP	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5250MHz		

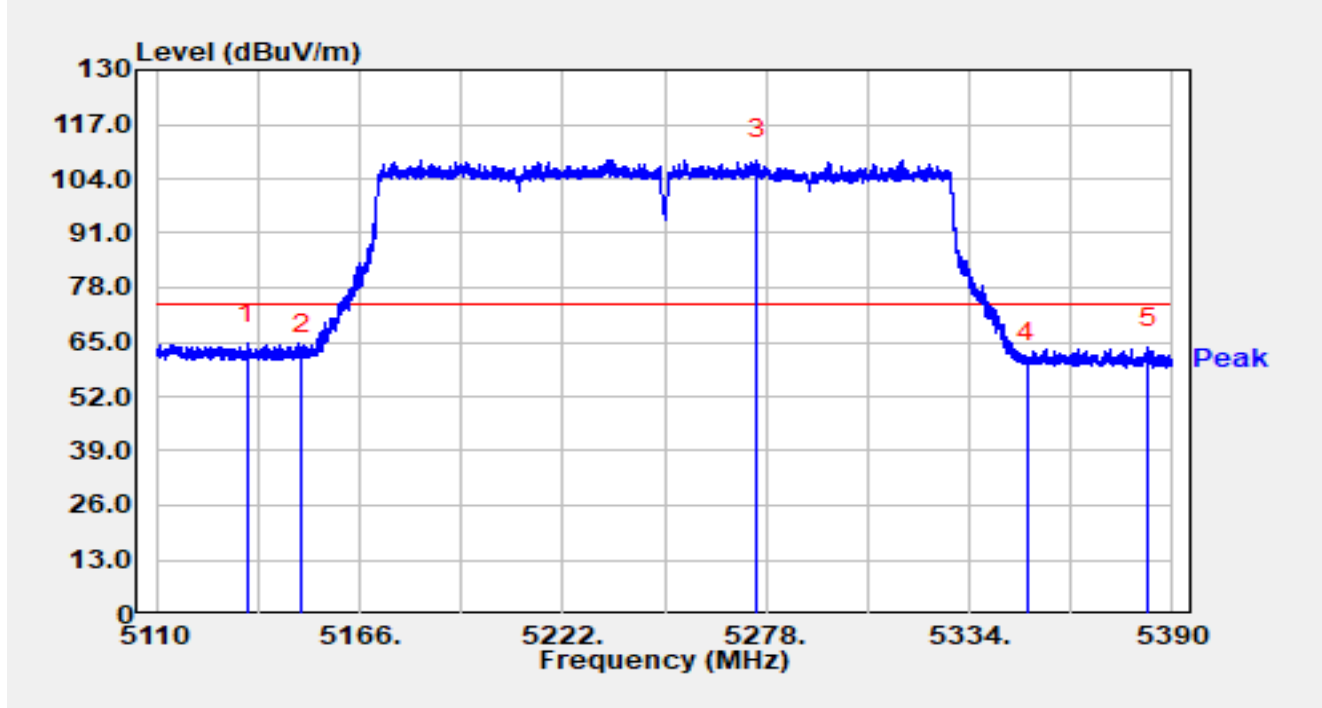


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5126.968	30.35	16.01	46.35	-7.65	54.00	Average
2		5150.012	29.58	16.00	45.58	-8.42	54.00	Average
3		5288.696	72.29	15.78	88.07	N/A	N/A	Average
4		5350.000	29.66	15.68	45.34	-8.66	54.00	Average
5		5355.896	30.33	15.66	45.99	-8.01	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	2025-04-17
Temperature	24.0 °C	Humidity	31.9 %
Limit	FCC_5G_RE (3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	Tri-band Wi-Fi 7 Mesh AP	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5250MHz		

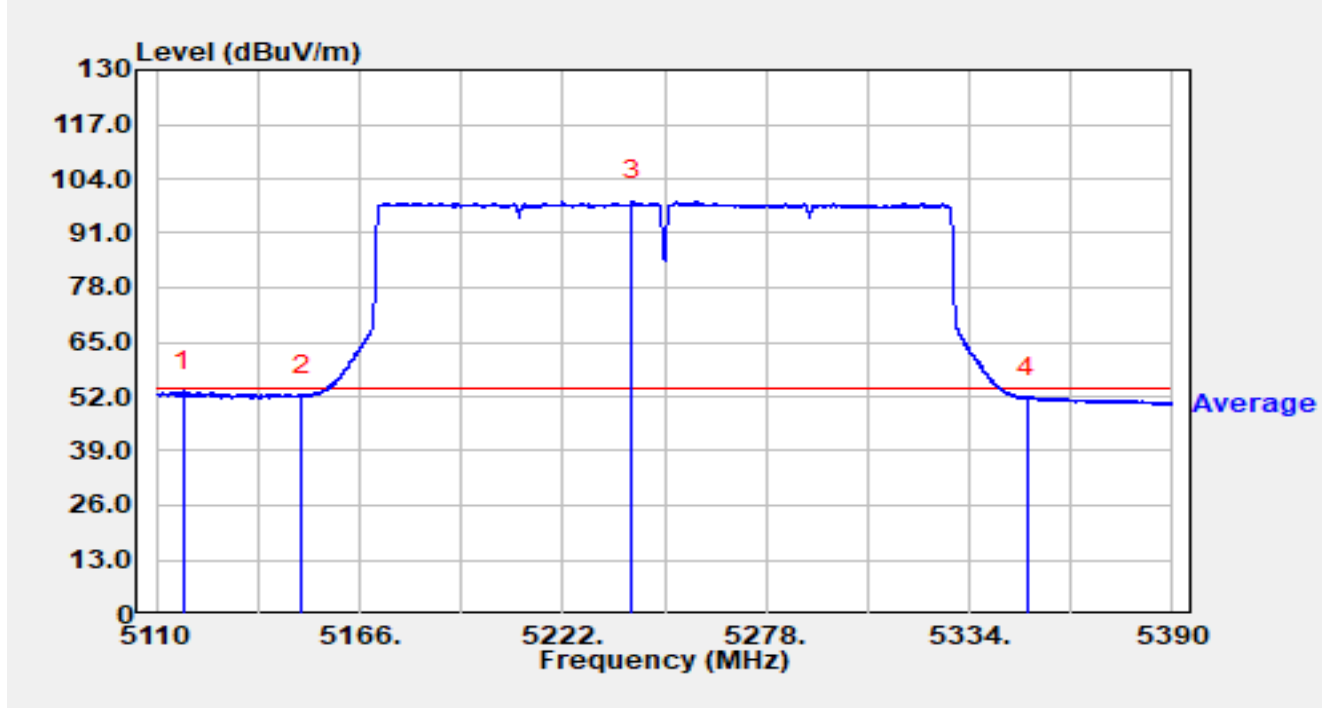


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5134.948	48.58	15.97	64.55	-9.45	74.00	Peak
2		5150.012	45.90	16.00	61.90	-12.10	74.00	Peak
3		5275.424	92.72	15.82	108.55	N/A	N/A	Peak
4		5350.000	44.21	15.68	59.89	-14.11	74.00	Peak
5		5383.196	47.98	15.65	63.63	-10.37	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 (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-04-17
Temperature	24.0 °C	Humidity	31.9 %
Limit	FCC_5G_RE (3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	Tri-band Wi-Fi 7 Mesh AP	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5250MHz		

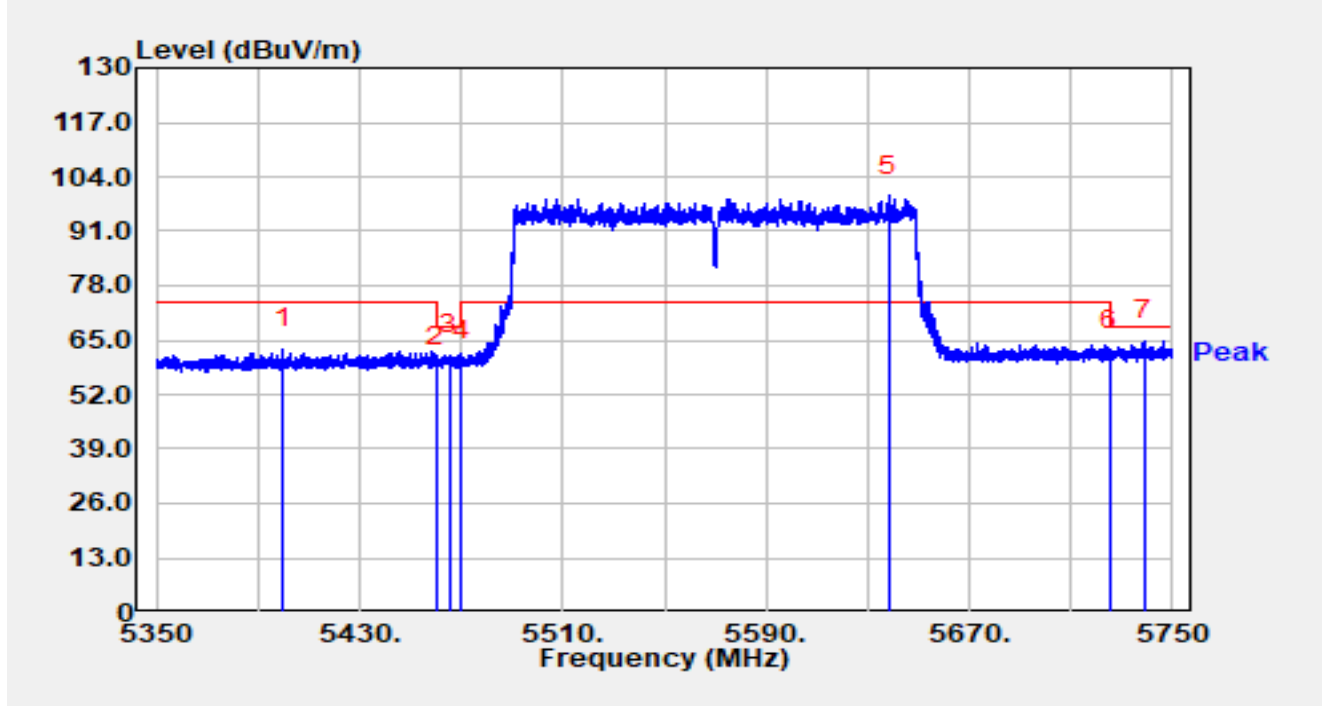


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5117.532	37.33	16.11	53.45	-0.55	54.00	Average
2		5150.012	36.41	16.00	52.40	-1.60	54.00	Average
3		5241.180	82.86	15.97	98.83	N/A	N/A	Average
4		5349.988	35.89	15.68	51.57	-2.43	54.00	Average

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	2025-04-20
Temperature	22.8 °C	Humidity	43.2 %
Limit	FCC_5G_RE (3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	Tri-band Wi-Fi 7 Mesh AP	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5570MHz		

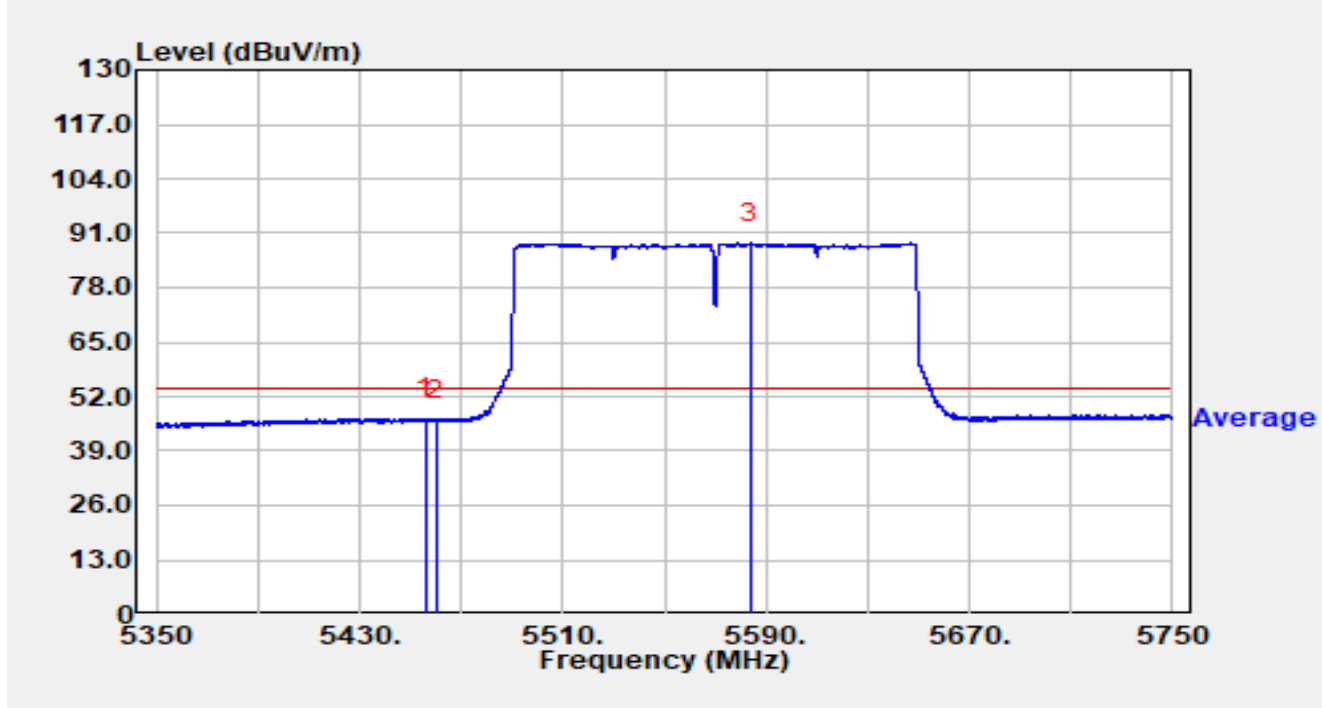


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5399.920	47.20	15.72	62.92	-11.08	74.00	Peak
2		5460.000	42.53	16.02	58.55	-9.65	68.20	Peak
3		5465.440	45.50	16.00	61.50	-6.70	68.20	Peak
4		5470.000	44.36	15.98	60.34	-7.86	68.20	Peak
5		5638.160	82.92	16.60	99.52	N/A	N/A	Peak
6		5725.000	45.41	16.92	62.33	-5.87	68.20	Peak
7	*	5738.680	47.89	16.95	64.84	-3.36	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	2025-04-20
Temperature	22.8 °C	Humidity	43.2 %
Limit	FCC_5G_RE (3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	Tri-band Wi-Fi 7 Mesh AP	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5570MHz		

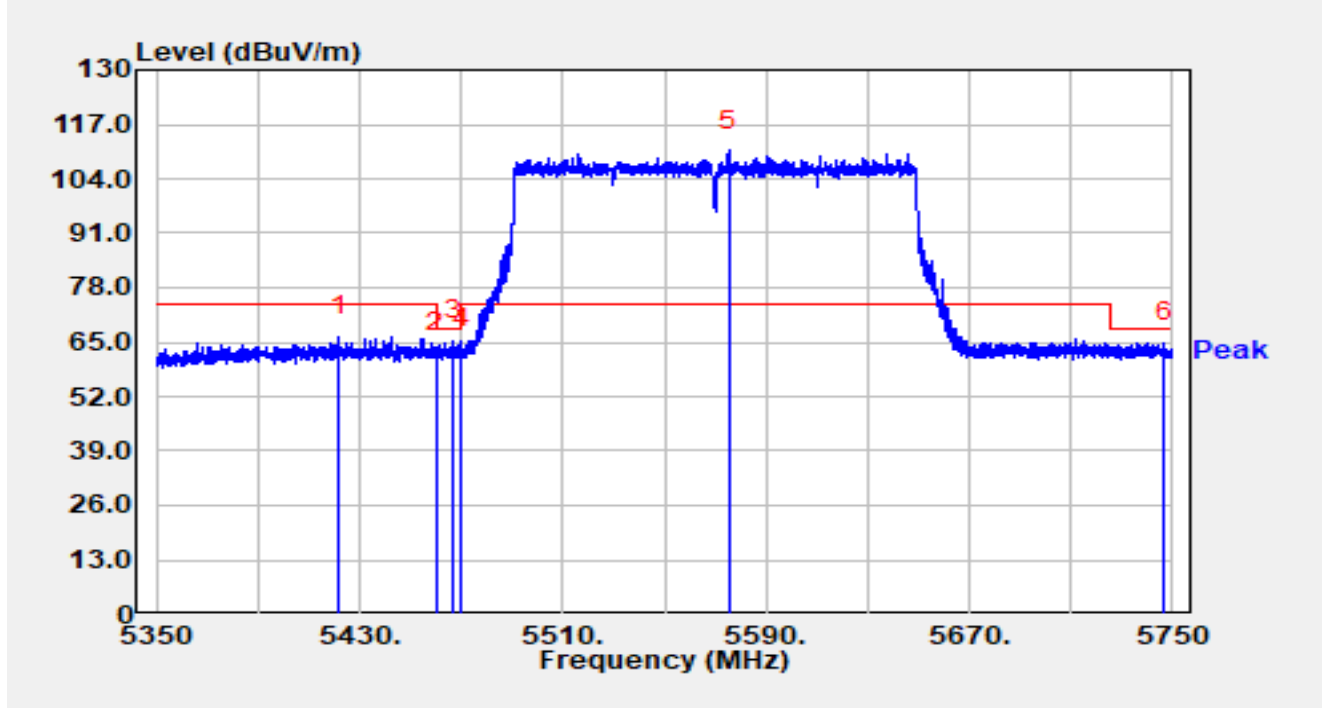


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5456.120	30.77	16.04	46.81	-7.19	54.00	Average
2		5460.000	30.38	16.02	46.40	-7.60	54.00	Average
3		5584.040	72.19	16.42	88.61	N/A	N/A	Average

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	2025-04-20
Temperature	22.8 °C	Humidity	43.2 %
Limit	FCC_5G_RE (3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	Tri-band Wi-Fi 7 Mesh AP	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5570MHz		

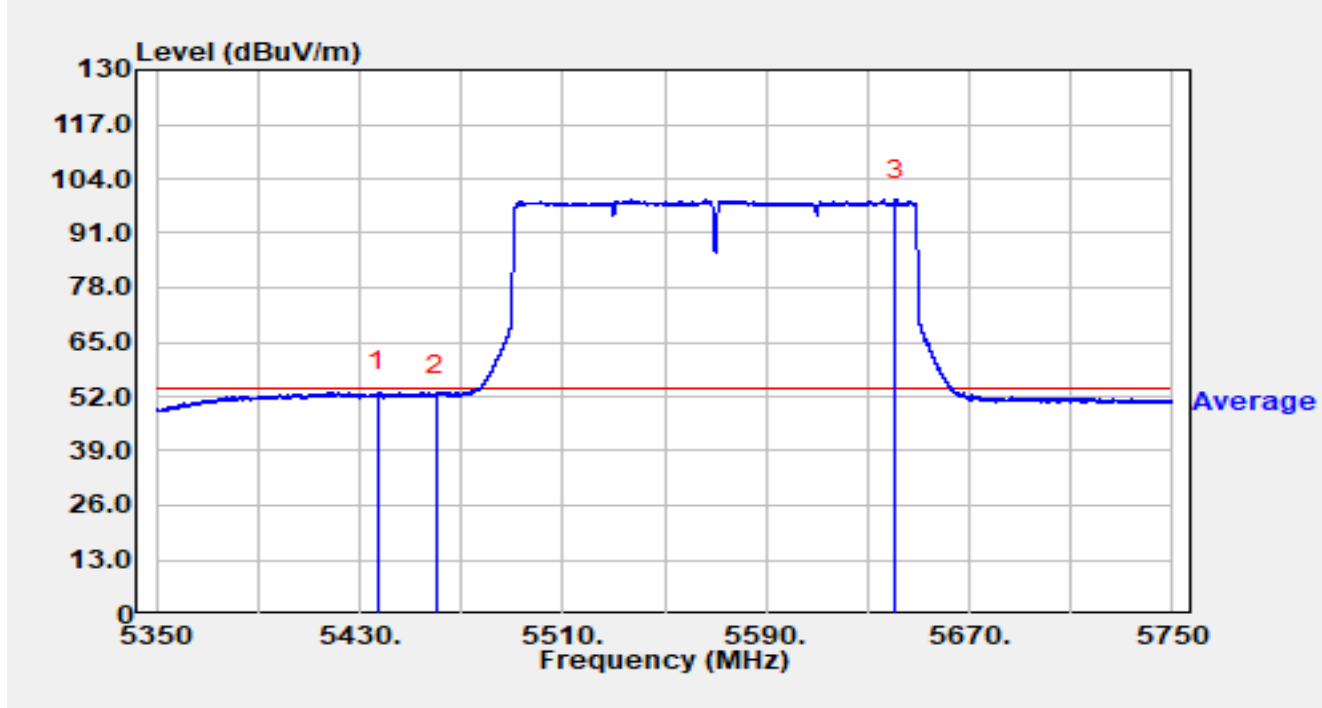


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5421.800	50.52	15.86	66.38	-7.62	74.00	Peak
2		5460.000	46.32	16.02	62.34	-5.86	68.20	Peak
3	*	5466.720	49.35	15.99	65.35	-2.85	68.20	Peak
4		5470.000	47.75	15.98	63.74	-4.46	68.20	Peak
5		5575.240	94.38	16.42	110.80	N/A	N/A	Peak
6		5746.520	47.87	16.97	64.85	-3.35	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	2025-04-20
Temperature	22.8 °C	Humidity	43.2 %
Limit	FCC_5G_RE (3m)	Test Engineer	Bob Zhang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	Tri-band Wi-Fi 7 Mesh AP	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5570MHz		



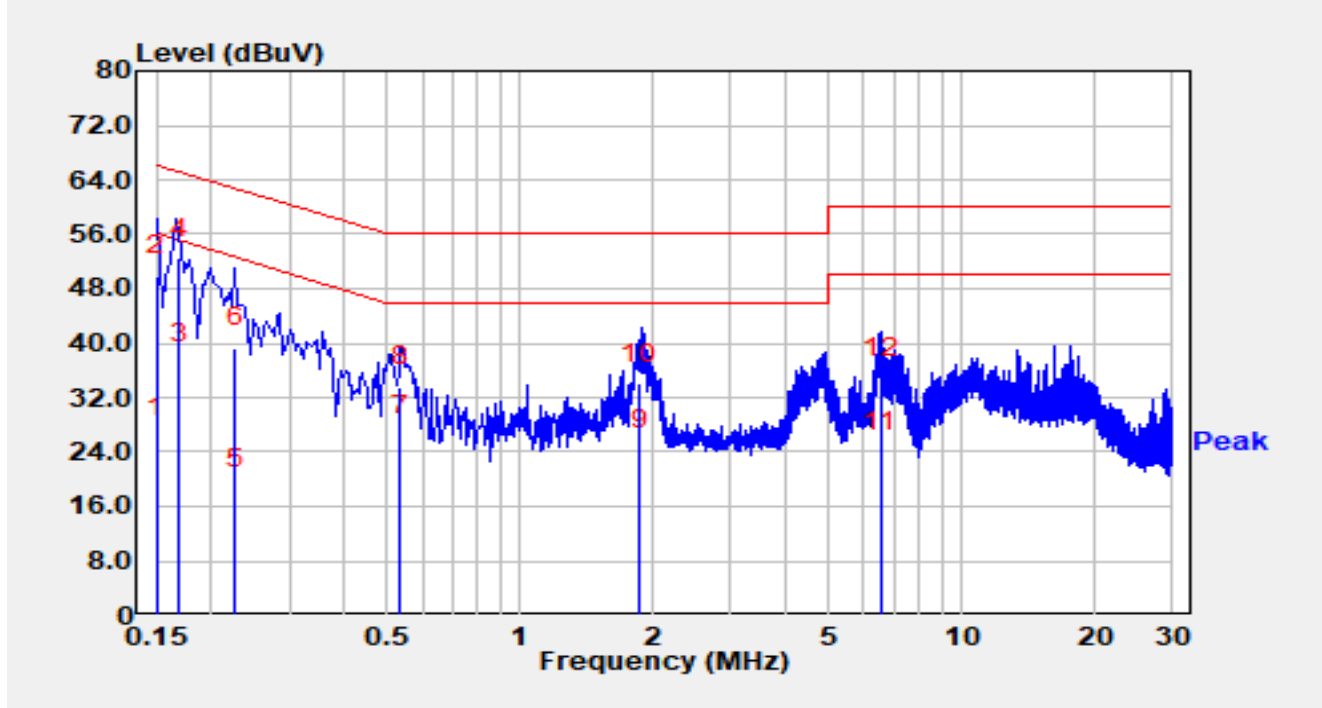
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5437.040	37.30	15.85	53.15	-0.85	54.00	Average
2		5460.000	36.22	16.02	52.24	-1.76	54.00	Average
3		5641.120	82.32	16.61	98.94	N/A	N/A	Average

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	WZ-SR2	Test Date	2025-03-15
Temperature	20.3 °C	Humidity	47.2 %
Limit	FCC Part 15.207_CE_Mains	Test Engineer	Linda Wei
Factor	ENV216_101683_L1_Filter Off_E	Polarity	Line
EUT	Tri-band Wi-Fi 7 Mesh AP	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at channel 5180MHz		

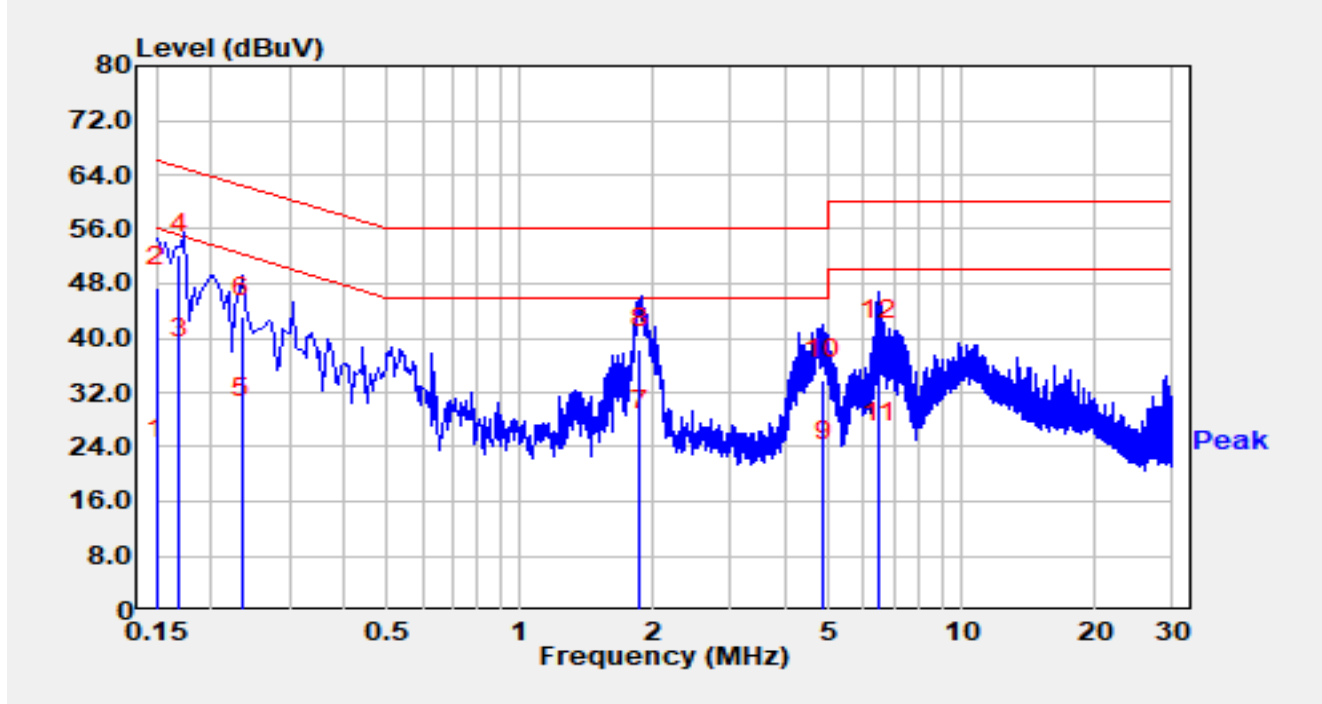


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.150	16.20	9.79	25.99	-30.01	56.00	Average
2		0.150	40.10	9.79	49.89	-16.11	66.00	QP
3		0.169	27.20	9.78	36.98	-18.03	55.01	Average
4	*	0.169	42.60	9.78	52.38	-12.63	65.01	QP
5		0.226	8.90	9.80	18.70	-33.89	52.60	Average
6		0.226	29.50	9.80	39.30	-23.29	62.60	QP
7		0.534	16.50	9.95	26.45	-19.55	46.00	Average
8		0.534	23.70	9.95	33.65	-22.35	56.00	QP
9		1.870	14.00	10.28	24.28	-21.72	46.00	Average
10		1.870	23.70	10.28	33.98	-22.02	56.00	QP
11		6.560	13.40	10.70	24.10	-25.90	50.00	Average
12		6.560	24.20	10.70	34.90	-25.10	60.00	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	WZ-SR2	Test Date	2025-03-15
Temperature	20.3 °C	Humidity	47.2 %
Limit	FCC Part 15.207_CE_Mains	Test Engineer	Linda Wei
Factor	ENV216_101683_N_Filter Off_E	Polarity	Neutral
EUT	Tri-band Wi-Fi 7 Mesh AP	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at channel 5180MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.150	12.50	9.75	22.25	-33.75	56.00	Average
2		0.150	37.70	9.75	47.45	-18.55	66.00	QP
3		0.169	27.20	9.76	36.96	-18.05	55.01	Average
4	*	0.169	42.50	9.76	52.26	-12.75	65.01	QP
5		0.234	18.40	9.79	28.19	-24.12	52.31	Average
6		0.234	33.30	9.79	43.09	-19.22	62.31	QP
7		1.870	16.30	10.25	26.55	-19.45	46.00	Average
8		1.870	28.20	10.25	38.45	-17.55	56.00	QP
9		4.850	11.20	10.56	21.76	-24.24	46.00	Average
10		4.850	23.40	10.56	33.96	-22.04	56.00	QP
11		6.490	13.80	10.71	24.51	-25.49	50.00	Average
12		6.490	28.90	10.71	39.61	-20.39	60.00	QP

Notes:

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

2. $C.F (dB) = LISN \text{ Factor } (dB) + \text{Cable Loss } (dB)$.
3. $\text{Measurement } (dB\mu V) = \text{Reading } (dB\mu V) + C.F (dB)$.

Appendix B – Test Setup Photograph

Refer to “R25S1052018-UT” file.

Appendix C – EUT Photograph

Refer to “R25S1052018-UE” file.

The End
