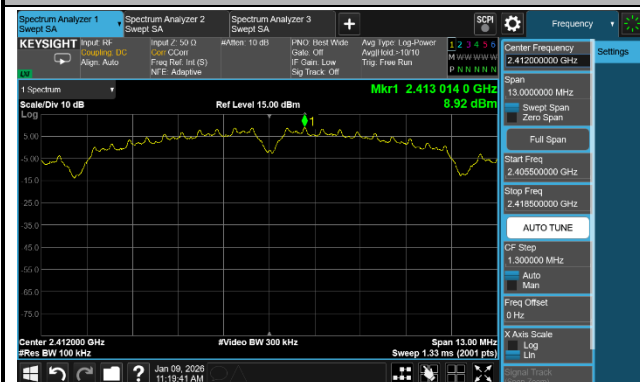


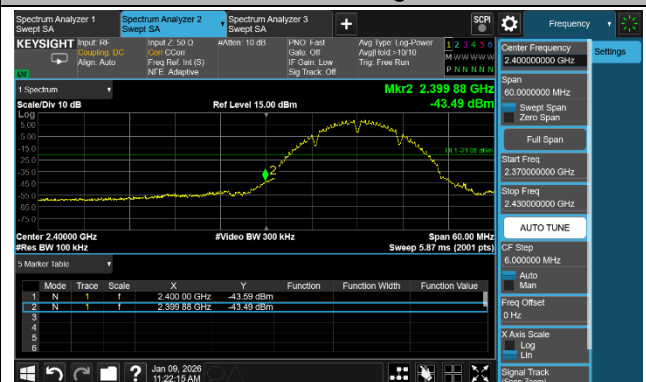
802.11b Out-of-Band Emissions - Ant 3

Channel 01 (2412 MHz)

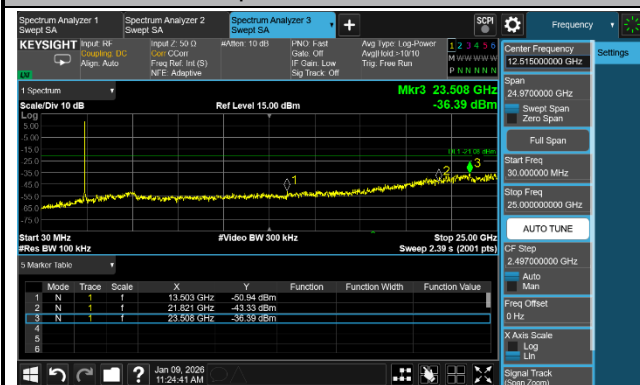
Reference Level



Low Band Edge

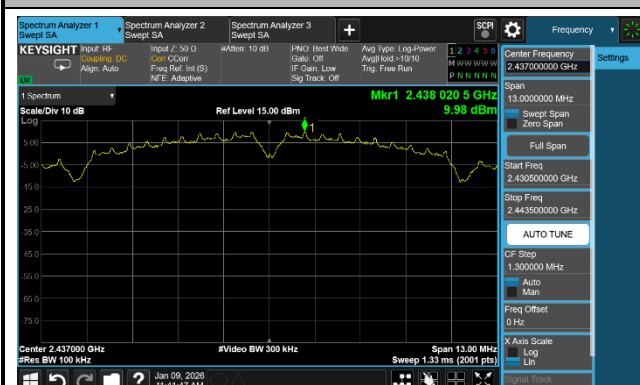


Spurious Emission



Channel 06 (2437 MHz)

Reference Level



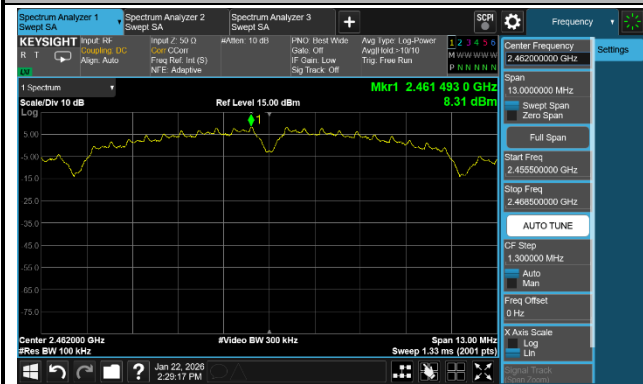
Spurious Emission



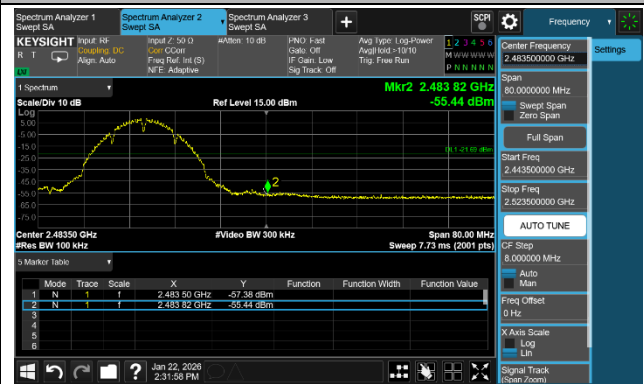
802.11b Out-of-Band Emissions - Ant 3

Channel 11 (2462 MHz)

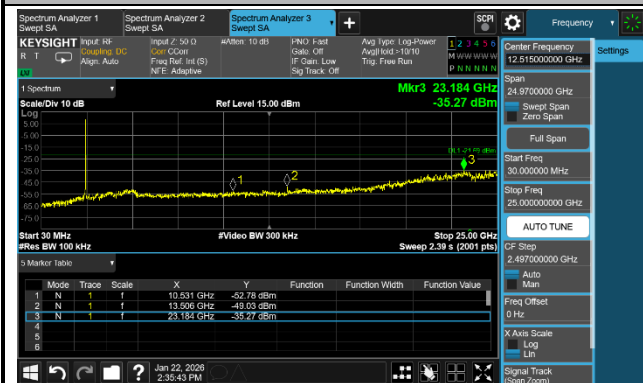
Reference Level



High Band Edge



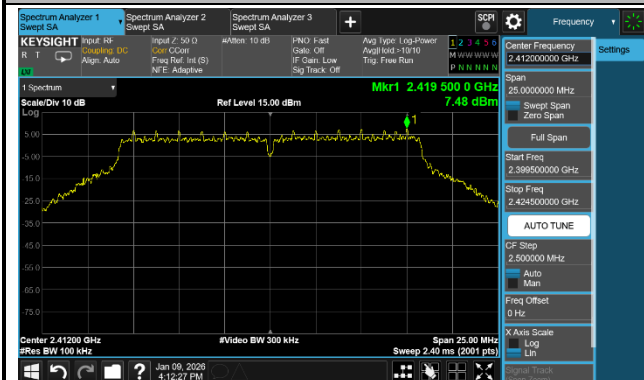
Spurious Emission



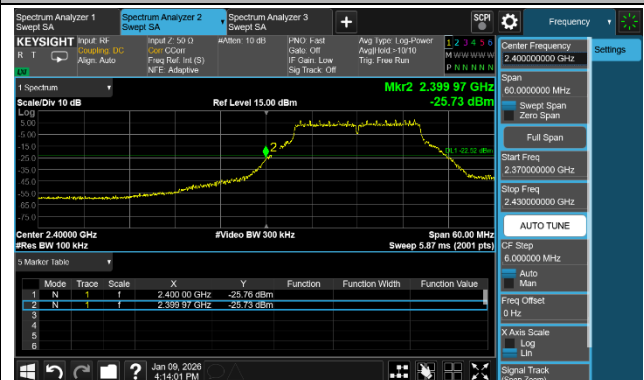
802.11g Out-of-Band Emissions - Ant 3

Channel 01 (2412 MHz)

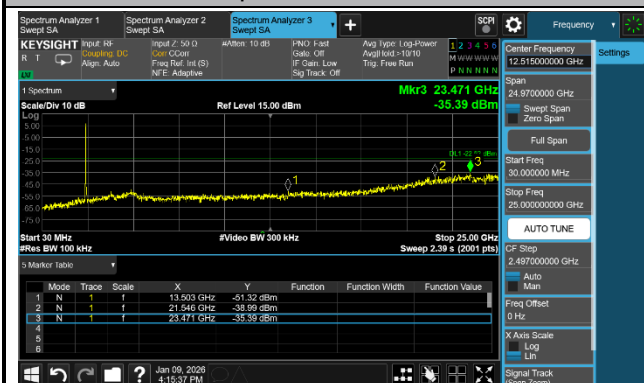
Reference Level



Low Band Edge



Spurious Emission



Channel 06 (2437 MHz)

Reference Level



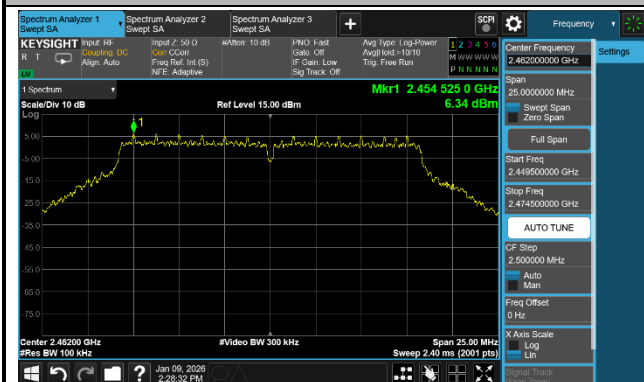
Spurious Emission



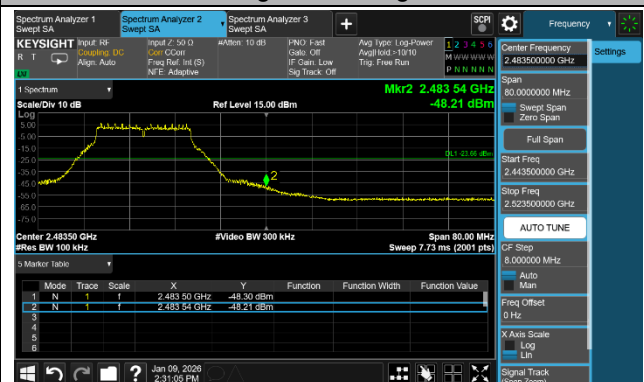
802.11g Out-of-Band Emissions - Ant 3

Channel 11 (2462 MHz)

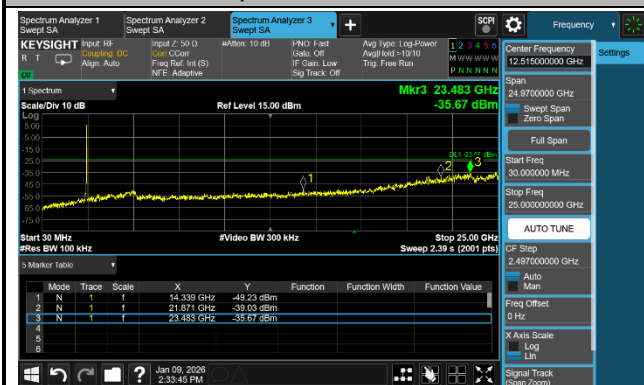
Reference Level



High Band Edge



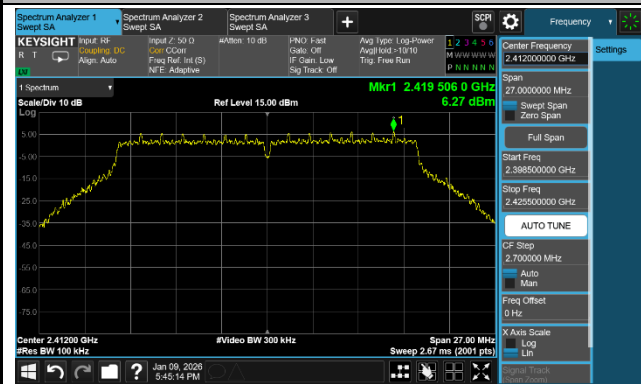
Spurious Emission



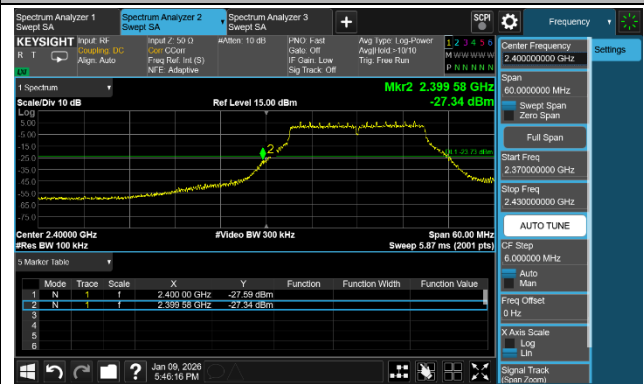
802.11n-HT20 Out-of-Band Emissions - Ant 3

Channel 01 (2412 MHz)

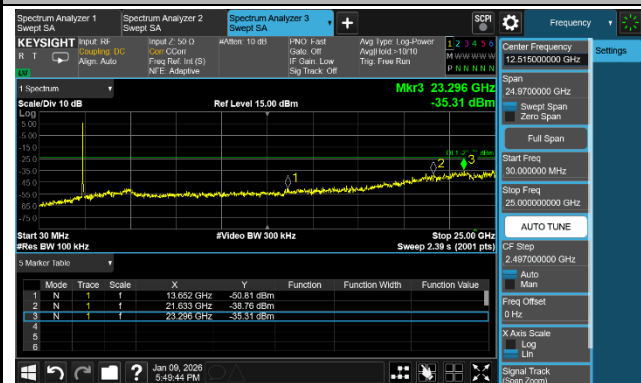
Reference Level



Low Band Edge



Spurious Emission

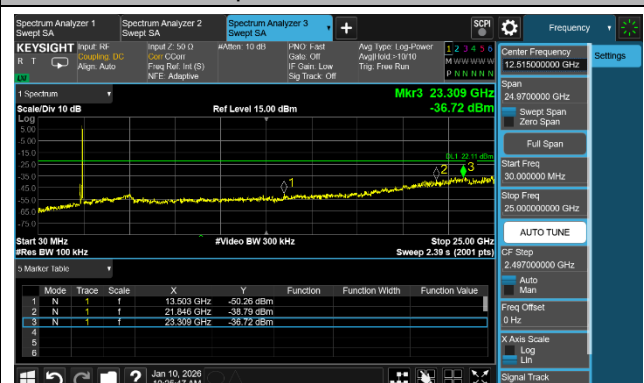


Channel 06 (2437 MHz)

Reference Level



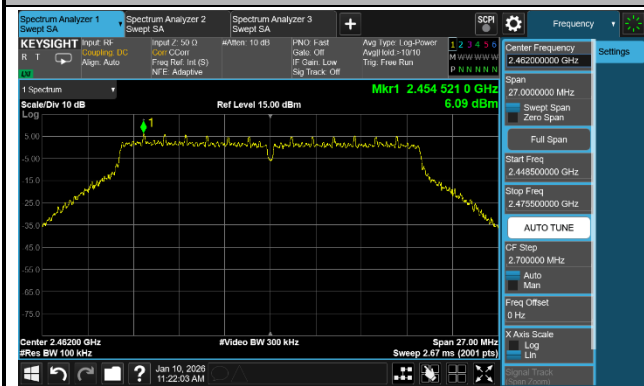
Spurious Emission



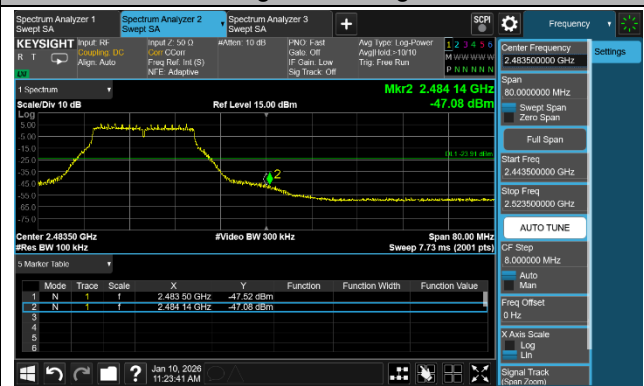
802.11n-HT20 Out-of-Band Emissions - Ant 3

Channel 11 (2462 MHz)

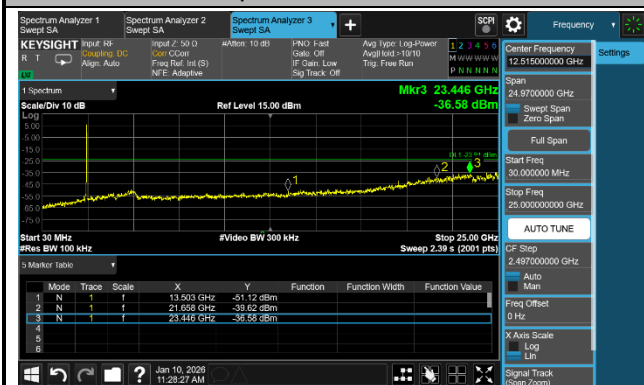
Reference Level



High Band Edge



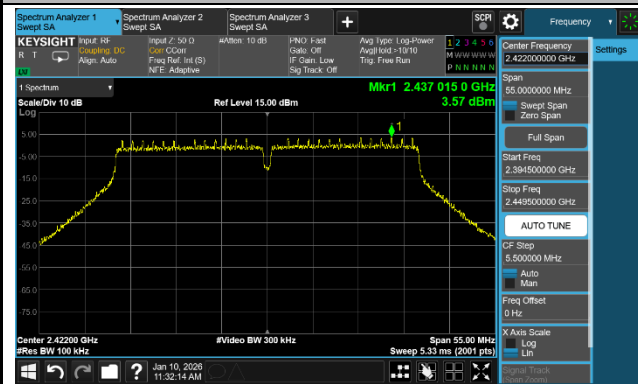
Spurious Emission



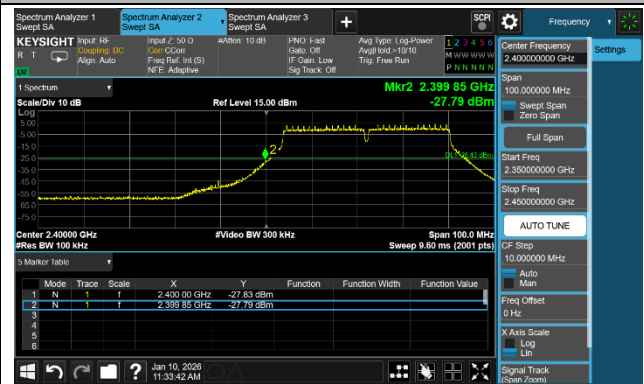
802.11n-HT40 Out-of-Band Emissions - Ant 3

Channel 03 (2422 MHz)

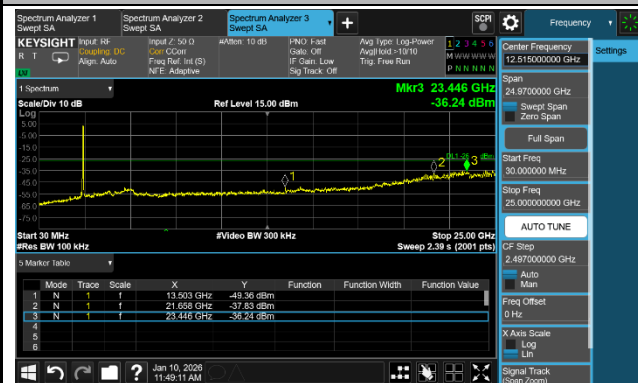
Reference Level



Low Band Edge

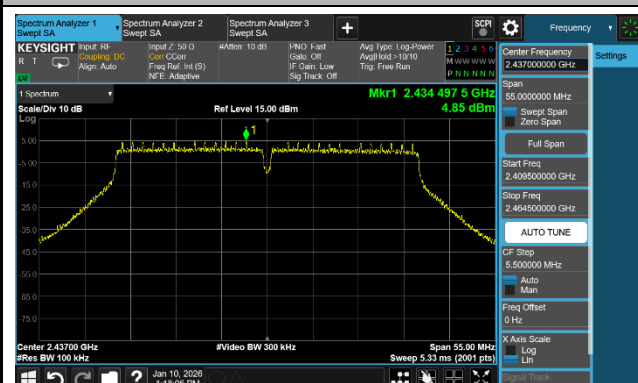


Spurious Emission

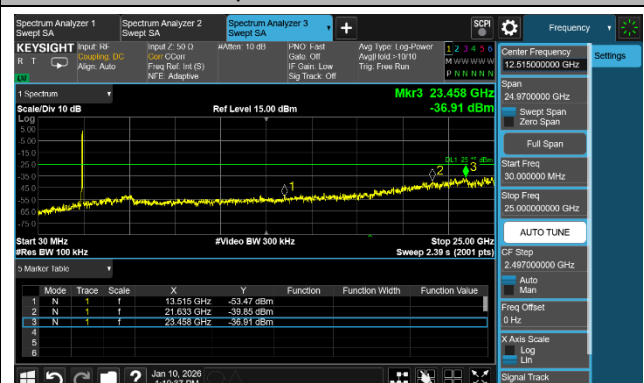


Channel 06 (2437 MHz)

Reference Level



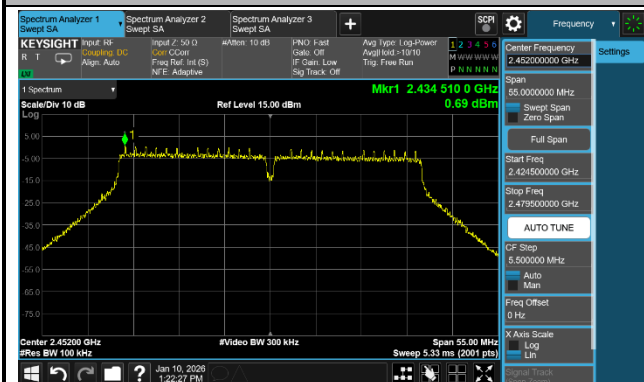
Spurious Emission



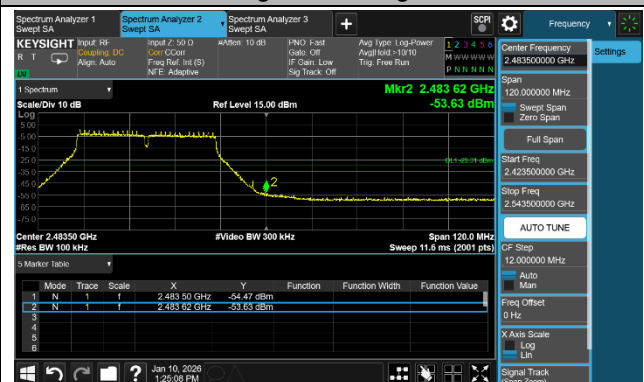
802.11n-HT40 Out-of-Band Emissions - Ant 3

Channel 09 (2452 MHz)

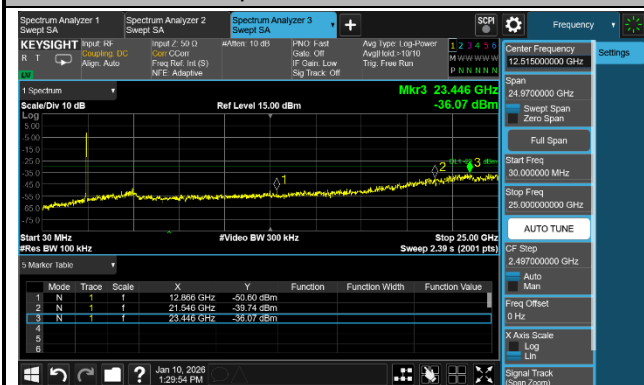
Reference Level



High Band Edge



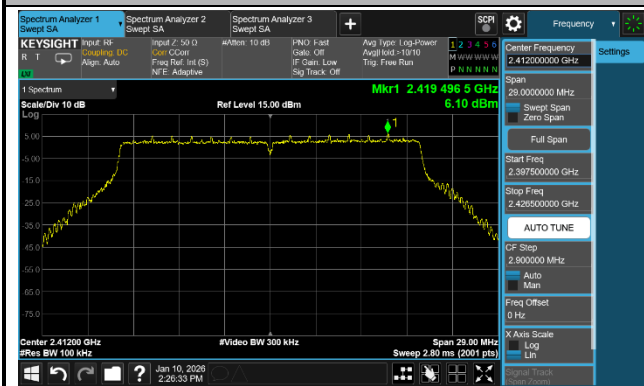
Spurious Emission



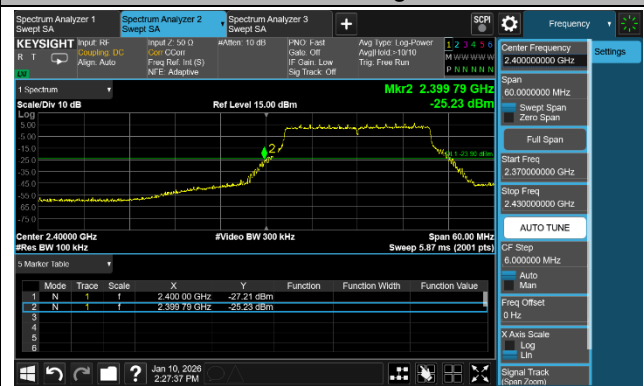
802.11be-EHT20 Out-of-Band Emissions - Ant 3

Channel 01 (2412 MHz)

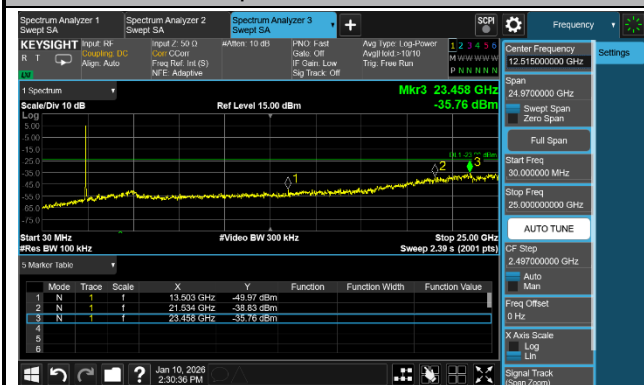
Reference Level



Low Band Edge



Spurious Emission



Channel 06 (2437 MHz)

Reference Level



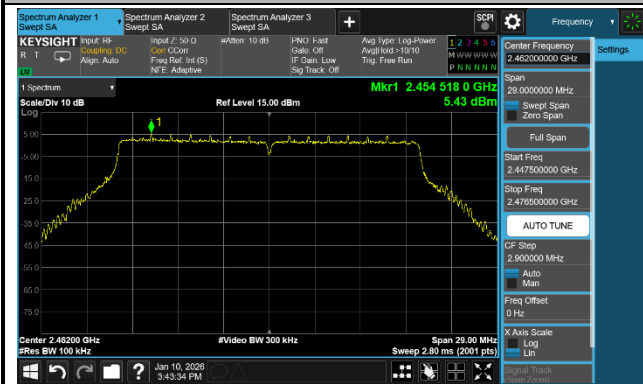
Spurious Emission



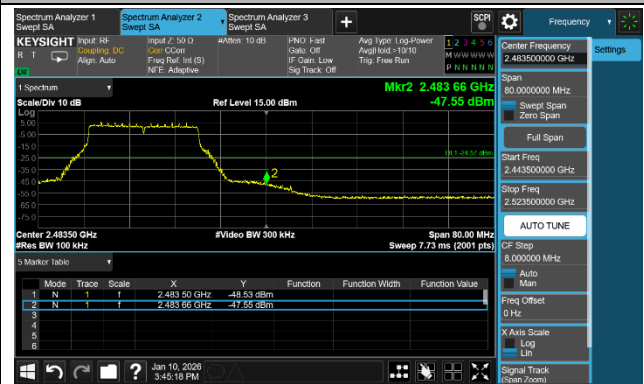
802.11be-EHT20 Out-of-Band Emissions - Ant 3

Channel 11 (2462 MHz)

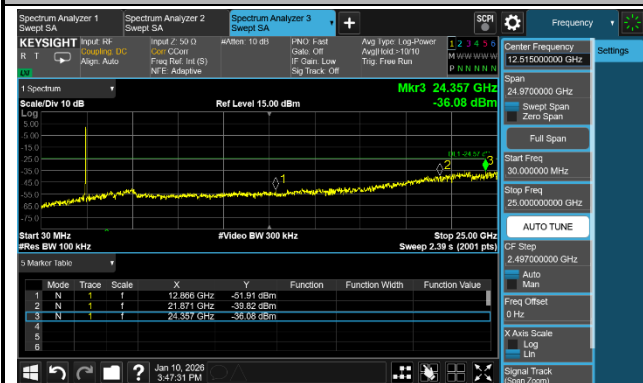
Reference Level



High Band Edge



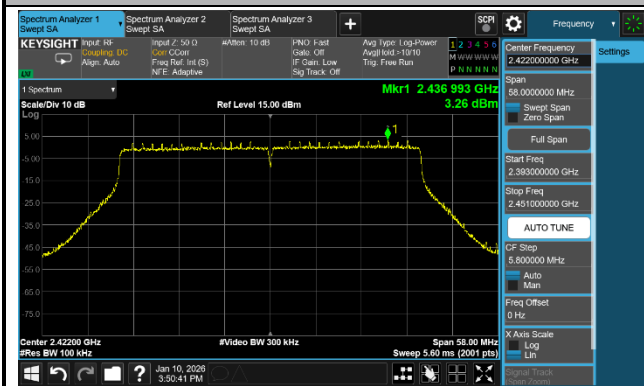
Spurious Emission



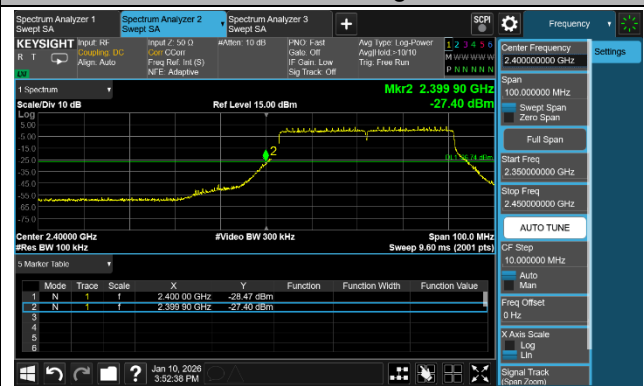
802.11be-EHT40 Out-of-Band Emissions - Ant 3

Channel 03 (2422 MHz)

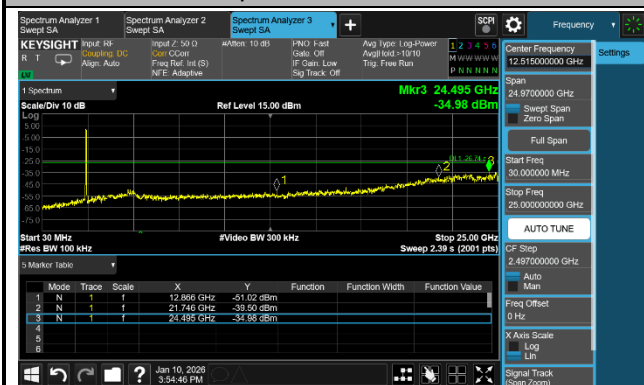
Reference Level



Low Band Edge



Spurious Emission

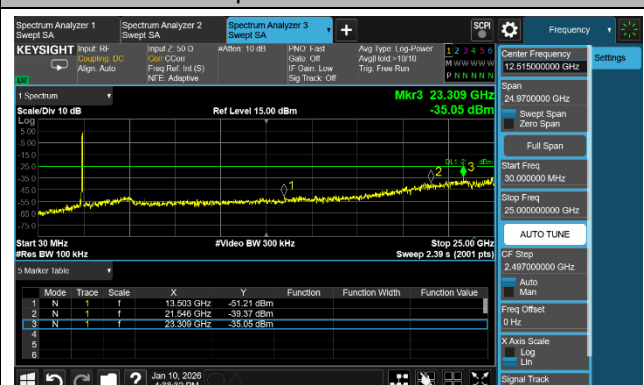


Channel 06 (2437 MHz)

Reference Level



Spurious Emission



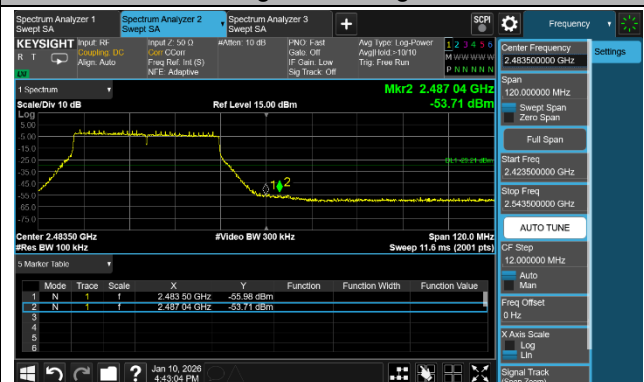
802.11be-EHT40 Out-of-Band Emissions - Ant 3

Channel 09 (2452 MHz)

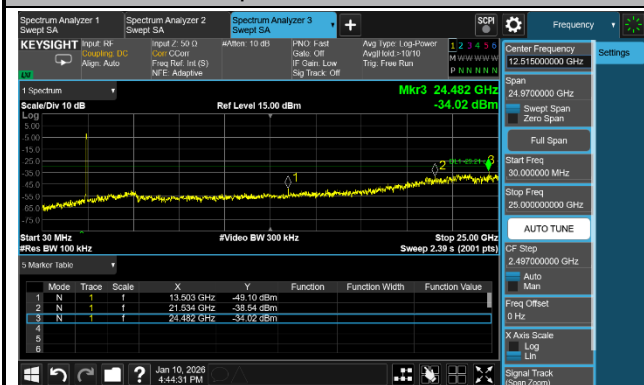
Reference Level



High Band Edge



Spurious Emission



A.6 Radiated Spurious Emissions Test Result

Test Site	WJ-AC2	Test Engineer	Bob Zhang
Test Date	2026-01-21	Test Mode	802.11b
Model No.	AP541		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, there is not show in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	4823.30	49.74	-0.03	49.71	74.00	-24.29	Peak	Horizontal
	8153.60	39.53	5.73	45.26	74.00	-28.74	Peak	Horizontal
	12026.20	43.35	5.18	48.53	74.00	-25.47	Peak	Horizontal
	4825.00	50.96	-0.03	50.93	54.00	-3.07	Average	Vertical
	4825.00	51.69	-0.03	51.66	74.00	-22.34	Peak	Vertical
	7305.30	40.38	5.17	45.55	74.00	-28.45	Peak	Vertical
	12277.80	43.10	4.99	48.09	74.00	-25.91	Peak	Vertical
06	4874.30	48.60	0.10	48.70	74.00	-25.30	Peak	Horizontal
	8389.90	39.61	6.26	45.87	74.00	-28.13	Peak	Horizontal
	12138.40	43.23	5.08	48.31	74.00	-25.69	Peak	Horizontal
	4874.30	50.40	0.10	50.50	74.00	-23.50	Peak	Vertical
	7436.20	39.84	5.23	45.07	74.00	-28.93	Peak	Vertical
	12209.80	43.60	4.89	48.49	74.00	-25.51	Peak	Vertical
11	4923.60	53.02	0.22	53.24	54.00	-0.76	Average	Horizontal
	4923.60	51.52	0.22	51.74	74.00	-22.26	Peak	Horizontal
	7385.20	42.68	5.06	47.74	74.00	-26.26	Peak	Horizontal
	12660.30	43.05	5.37	48.42	74.00	-25.58	Peak	Horizontal
	4923.60	53.35	0.22	53.57	54.00	-0.43	Average	Vertical
	4923.60	52.60	0.22	52.82	74.00	-21.18	Peak	Vertical
	8049.90	39.50	5.73	45.23	74.00	-28.77	Peak	Vertical
	12401.90	42.72	4.99	47.71	74.00	-26.29	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WJ-AC2	Test Engineer	Bob Zhang
Test Date	2026-01-21	Test Mode	802.11g
Model No.	AP541		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, there is not show in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	4826.70	46.35	-0.02	46.33	74.00	-27.67	Peak	Horizontal
	8201.20	39.27	5.99	45.26	74.00	-28.74	Peak	Horizontal
	12055.10	44.24	5.22	49.46	74.00	-24.54	Peak	Horizontal
	4823.30	50.81	-0.03	50.78	74.00	-23.22	Peak	Vertical
	7313.80	39.78	5.21	44.99	74.00	-29.01	Peak	Vertical
	12072.10	43.86	5.16	49.02	74.00	-24.98	Peak	Vertical
06	4872.60	43.83	0.12	43.95	74.00	-30.05	Peak	Horizontal
	7315.50	39.71	5.22	44.93	74.00	-29.07	Peak	Horizontal
	12531.10	43.54	5.16	48.70	74.00	-25.30	Peak	Horizontal
	4867.50	48.89	0.12	49.01	74.00	-24.99	Peak	Vertical
	7305.30	41.54	5.17	46.71	74.00	-27.29	Peak	Vertical
	12172.40	43.72	5.04	48.76	74.00	-25.24	Peak	Vertical
11	4921.90	45.78	0.22	46.00	74.00	-28.00	Peak	Horizontal
	8451.10	39.54	6.57	46.11	74.00	-27.89	Peak	Horizontal
	11358.10	42.53	5.83	48.36	74.00	-25.64	Peak	Horizontal
	4923.60	47.11	0.22	47.33	74.00	-26.67	Peak	Vertical
	7371.60	40.20	5.09	45.29	74.00	-28.71	Peak	Vertical
	12563.40	42.86	5.09	47.95	74.00	-26.05	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WJ-AC2	Test Engineer	Bob Zhang
Test Date	2026-01-21	Test Mode	802.11n-HT20
Model No.	AP541		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, there is not show in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	4823.30	44.47	-0.03	44.44	74.00	-29.56	Peak	Horizontal
	7555.20	39.61	4.99	44.60	74.00	-29.40	Peak	Horizontal
	12645.00	43.18	5.48	48.66	74.00	-25.34	Peak	Horizontal
	4825.00	47.71	-0.03	47.68	74.00	-26.32	Peak	Vertical
	8347.40	39.30	6.10	45.40	74.00	-28.60	Peak	Vertical
	12418.90	43.86	5.04	48.90	74.00	-25.10	Peak	Vertical
06	4872.60	44.83	0.12	44.95	74.00	-29.05	Peak	Horizontal
	7325.70	39.75	5.30	45.05	74.00	-28.95	Peak	Horizontal
	12526.00	43.64	5.11	48.75	74.00	-25.25	Peak	Horizontal
	4872.60	50.38	0.12	50.50	74.00	-23.50	Peak	Vertical
	7456.60	40.33	5.28	45.61	74.00	-28.39	Peak	Vertical
	12175.80	45.11	5.02	50.13	74.00	-23.87	Peak	Vertical
11	4927.00	43.92	0.21	44.13	74.00	-29.87	Peak	Horizontal
	7395.40	40.34	5.13	45.47	74.00	-28.53	Peak	Horizontal
	12636.50	42.98	5.44	48.42	74.00	-25.58	Peak	Horizontal
	4923.60	50.46	0.22	50.68	74.00	-23.32	Peak	Vertical
	7397.10	40.04	5.15	45.19	74.00	-28.81	Peak	Vertical
	11711.70	43.24	5.35	48.59	74.00	-25.41	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WJ-AC2	Test Engineer	Bob Zhang
Test Date	2026-01-21	Test Mode	802.11n-HT40
Model No.	AP541		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, there is not show in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
03	4843.70	42.00	0.01	42.01	74.00	-31.99	Peak	Horizontal
	8162.10	39.79	5.92	45.71	74.00	-28.29	Peak	Horizontal
	12575.30	43.05	5.34	48.39	74.00	-25.61	Peak	Horizontal
	4823.30	44.40	-0.03	44.37	74.00	-29.63	Peak	Vertical
	7582.40	40.19	4.94	45.13	74.00	-28.87	Peak	Vertical
	12568.50	43.23	5.19	48.42	74.00	-25.58	Peak	Vertical
06	4865.80	42.70	0.12	42.82	74.00	-31.18	Peak	Horizontal
	7461.70	39.47	5.30	44.77	74.00	-29.23	Peak	Horizontal
	12622.90	43.12	5.45	48.57	74.00	-25.43	Peak	Horizontal
	4874.30	47.76	0.10	47.86	74.00	-26.14	Peak	Vertical
	7305.30	40.66	5.17	45.83	74.00	-28.17	Peak	Vertical
	12544.70	43.61	5.34	48.95	74.00	-25.05	Peak	Vertical
09	4920.20	41.35	0.20	41.55	74.00	-32.45	Peak	Horizontal
	7512.70	40.14	5.29	45.43	74.00	-28.57	Peak	Horizontal
	12539.60	43.18	5.28	48.46	74.00	-25.54	Peak	Horizontal
	4884.50	42.33	-0.01	42.32	74.00	-31.68	Peak	Vertical
	8304.90	39.88	6.04	45.92	74.00	-28.08	Peak	Vertical
	12114.60	43.20	5.12	48.32	74.00	-25.68	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WJ-AC2	Test Engineer	Bob Zhang
Test Date	2026-01-21	Test Mode	802.11be-EHT20
Model No.	AP541		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, there is not show in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	4823.30	43.38	-0.03	43.35	74.00	-30.65	Peak	Horizontal
	7738.80	40.29	5.11	45.40	74.00	-28.60	Peak	Horizontal
	12646.70	43.72	5.48	49.20	74.00	-24.80	Peak	Horizontal
	4826.70	46.63	-0.02	46.61	74.00	-27.39	Peak	Vertical
	7585.80	40.06	4.92	44.98	74.00	-29.02	Peak	Vertical
	12628.00	45.22	5.42	50.64	74.00	-23.36	Peak	Vertical
06	4874.30	44.41	0.10	44.51	74.00	-29.49	Peak	Horizontal
	7402.20	40.50	5.19	45.69	74.00	-28.31	Peak	Horizontal
	12619.50	43.39	5.47	48.86	74.00	-25.14	Peak	Horizontal
	4872.60	49.24	0.12	49.36	74.00	-24.64	Peak	Vertical
	7307.00	41.03	5.17	46.20	74.00	-27.80	Peak	Vertical
	12600.80	43.22	5.46	48.68	74.00	-25.32	Peak	Vertical
11	4923.60	44.25	0.22	44.47	74.00	-29.53	Peak	Horizontal
	7456.60	40.09	5.28	45.37	74.00	-28.63	Peak	Horizontal
	12471.60	43.71	5.00	48.71	74.00	-25.29	Peak	Horizontal
	4920.20	47.77	0.20	47.97	74.00	-26.03	Peak	Vertical
	7366.50	40.17	5.16	45.33	74.00	-28.67	Peak	Vertical
	12611.00	43.56	5.50	49.06	74.00	-24.94	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WJ-AC2	Test Engineer	Bob Zhang
Test Date	2026-01-21	Test Mode	802.11be-EHT40
Model No.	AP541		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, there is not show in the report.		

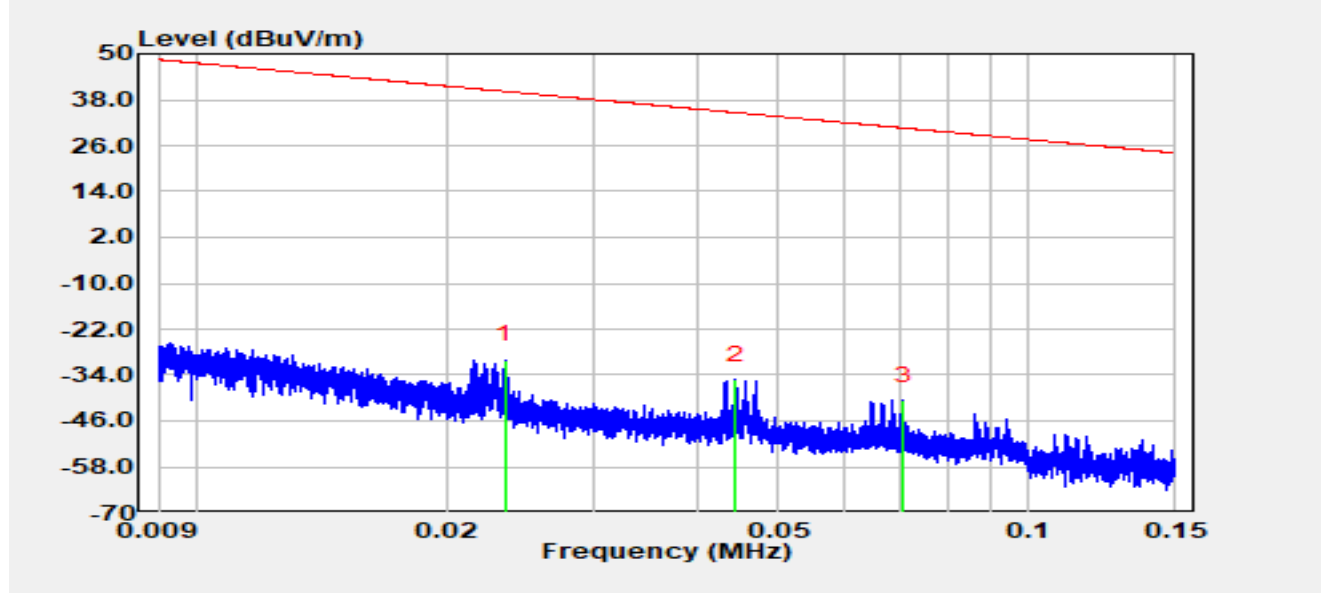
Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
03	4842.00	43.03	0.01	43.04	74.00	-30.96	Peak	Horizontal
	7638.50	40.08	4.83	44.91	74.00	-29.09	Peak	Horizontal
	12653.50	43.53	5.43	48.96	74.00	-25.04	Peak	Horizontal
	4825.00	44.27	-0.03	44.24	74.00	-29.76	Peak	Vertical
	7585.80	39.71	4.92	44.63	74.00	-29.37	Peak	Vertical
	12539.60	42.93	5.28	48.21	74.00	-25.79	Peak	Vertical
06	4867.50	42.28	0.12	42.40	74.00	-31.60	Peak	Horizontal
	8117.90	39.73	5.80	45.53	74.00	-28.47	Peak	Horizontal
	12577.00	43.54	5.37	48.91	74.00	-25.09	Peak	Horizontal
	4872.60	48.29	0.12	48.41	74.00	-25.59	Peak	Vertical
	7295.10	41.25	5.12	46.37	74.00	-27.63	Peak	Vertical
	12301.60	43.67	4.88	48.55	74.00	-25.45	Peak	Vertical
09	4777.40	41.48	-0.12	41.36	74.00	-32.64	Peak	Horizontal
	7725.20	40.32	5.18	45.50	74.00	-28.50	Peak	Horizontal
	12544.70	43.67	5.34	49.01	74.00	-24.99	Peak	Horizontal
	4190.90	42.56	-1.63	40.93	74.00	-33.07	Peak	Vertical
	8174.00	39.28	5.80	45.08	74.00	-28.92	Peak	Vertical
	12646.70	44.05	5.48	49.53	74.00	-24.47	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

The Worst-case Result of Radiated Emission for 9 kHz ~ 30 MHz

Site	WJ-AC1	Test Date	2026-01-27
Temperature	17.9 °C	Humidity	41.3%
Limit	FCC_Part 15.209_RSE	Test Engineer	Alex Liu
Test Voltage	AC 120 V/60 Hz	Polarity	Coaxial
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz	Model No.	AP541

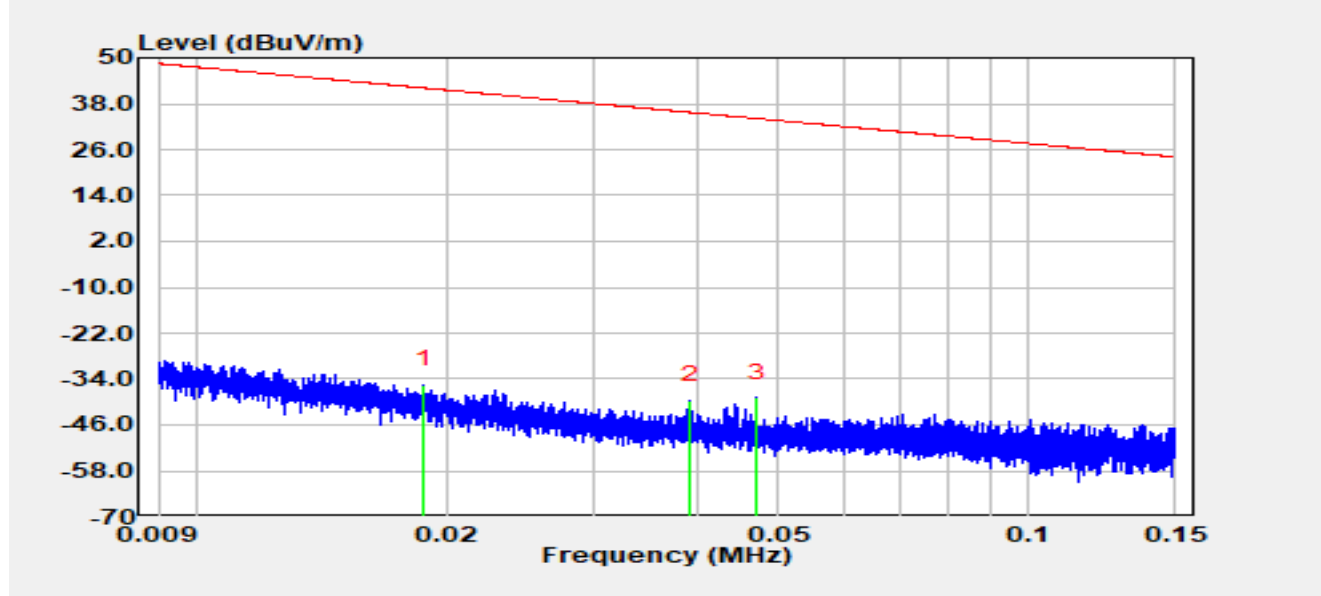


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		0.02	29.94	-59.98	-30.04	-70.20	40.16	Peak
2	*	0.04	24.81	-60.16	-35.35	-69.98	34.63	Peak
3		0.07	19.50	-60.19	-40.69	-71.31	30.62	Peak

Notes:

1. “*” indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + 40log(d1/d2) (dB), d1 = 3 m, d2 = 300 m (9 kHz - 490 kHz) or 30 m (490 kHz - 30 MHz).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2026-01-27
Temperature	17.9 °C	Humidity	41.3%
Limit	FCC_Part 15.209_RSE	Test Engineer	Alex Liu
Test Voltage	AC 120 V/60 Hz	Polarity	Coplanar
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz	Model No.	AP541

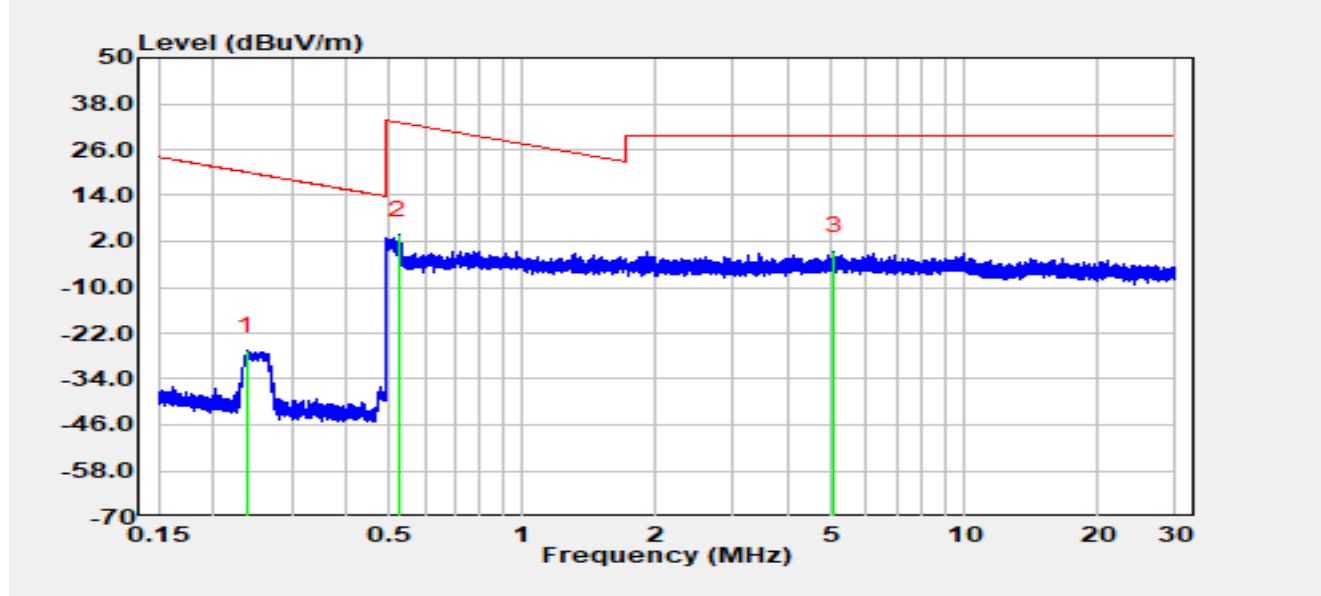


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		0.02	24.40	-59.84	-35.44	-77.57	42.13	Peak
2		0.04	20.66	-60.14	-39.48	-75.20	35.72	Peak
3	*	0.05	21.22	-60.16	-38.94	-73.07	34.13	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + $40\log(d1/d2)$ (dB), $d1 = 3$ m, $d2 = 300$ m (9 kHz - 490 kHz) or 30 m (490 kHz - 30 MHz).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2026-01-27
Temperature	17.9 °C	Humidity	41.3%
Limit	FCC_Part 15.209_RSE	Test Engineer	Alex Liu
Test Voltage	AC 120 V/60 Hz	Polarity	Coaxial
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz	Model No.	AP541

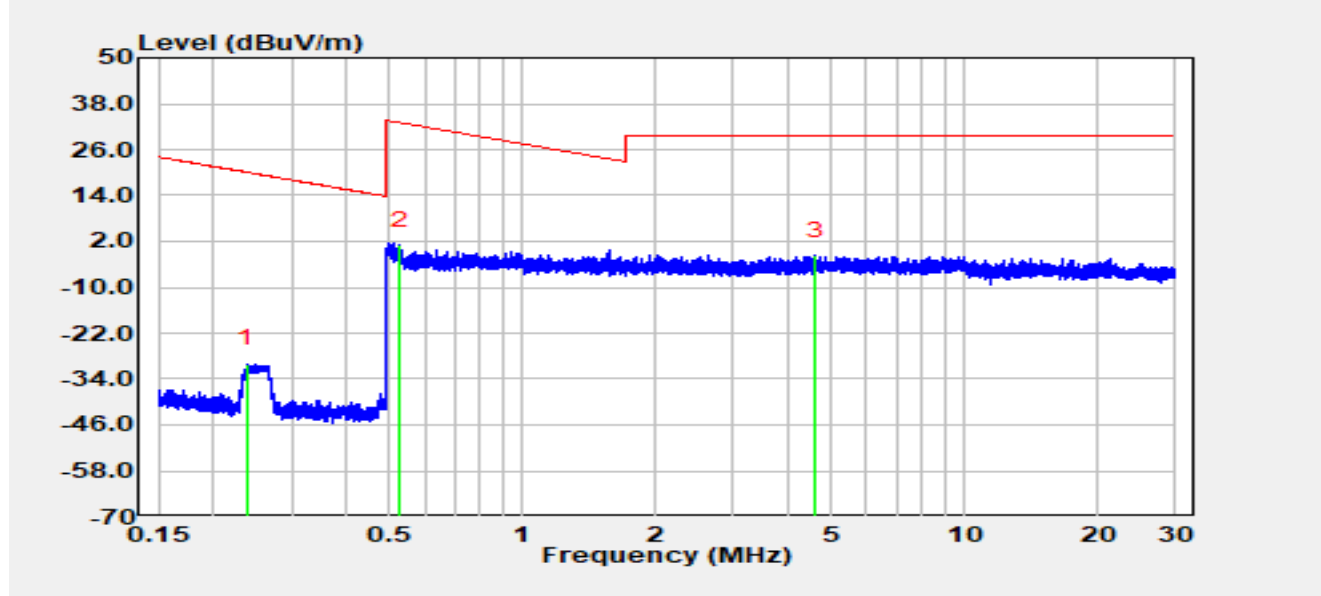


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		0.24	33.64	-60.29	-26.65	-46.71	20.07	Peak
2	*	0.52	24.02	-20.33	3.69	-29.52	33.21	Peak
3		5.07	19.91	-20.45	-0.54	-30.04	29.50	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + $40\log(d1/d2)$ (dB), $d1 = 3$ m, $d2 = 300$ m (9 kHz - 490 kHz) or 30 m (490 kHz - 30 MHz).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2026-01-27
Temperature	17.9 °C	Humidity	41.3%
Limit	FCC_Part 15.209_RSE	Test Engineer	Alex Liu
Test Voltage	AC 120 V/60 Hz	Polarity	Coplanar
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz	Model No.	AP541



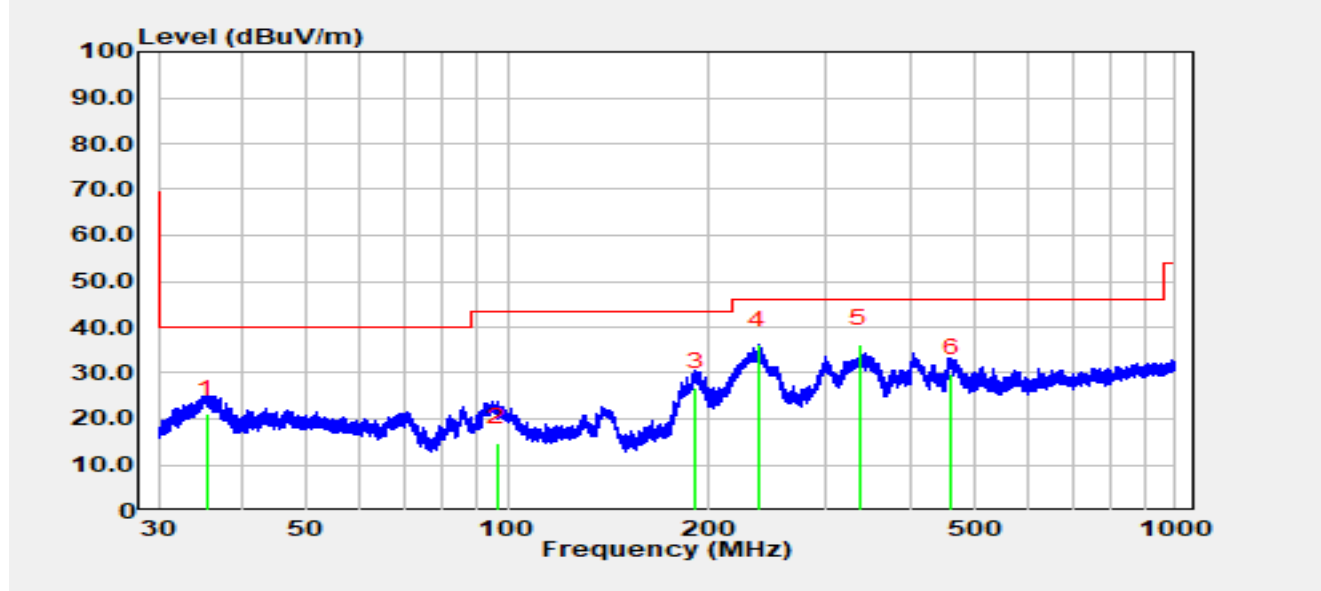
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		0.24	30.33	-60.29	-29.96	-50.03	20.07	Peak
2		0.53	21.34	-20.33	1.01	-32.16	33.17	Peak
3	*	4.61	18.64	-20.45	-1.81	-31.31	29.50	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + $40\log(d1/d2)$ (dB), $d1 = 3$ m, $d2 = 300$ m (9 kHz - 490 kHz) or 30 m (490 kHz - 30 MHz).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

The Worst-case Result of Radiated Emission for 30 MHz ~ 1 GHz

Site	WJ-AC1	Test Date	2026-01-27
Temperature	17.9 °C	Humidity	41.3%
Limit	FCC_Part 15.209_RSE (3m)	Test Engineer	Alex Liu
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz	Model No.	AP541

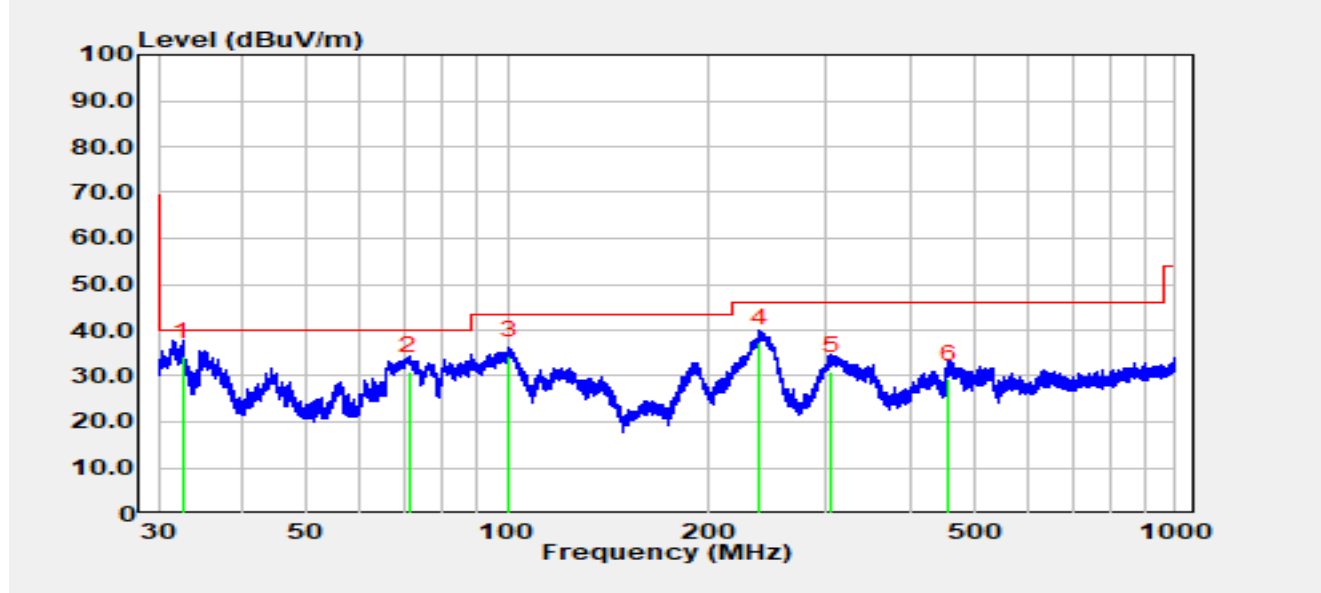


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		35.45	3.60	17.42	21.02	-18.98	40.00	QP
2		96.40	-3.40	18.20	14.80	-28.70	43.50	QP
3		191.54	8.70	18.11	26.81	-16.69	43.50	QP
4		237.64	16.50	19.57	36.07	-9.93	46.00	QP
5	*	335.80	14.30	21.98	36.28	-9.72	46.00	QP
6		462.67	5.80	24.12	29.92	-16.08	46.00	QP

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2026-01-27
Temperature	17.9 °C	Humidity	41.3%
Limit	FCC_Part 15.209_RSE (3m)	Test Engineer	Alex Liu
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz	Model No.	AP541



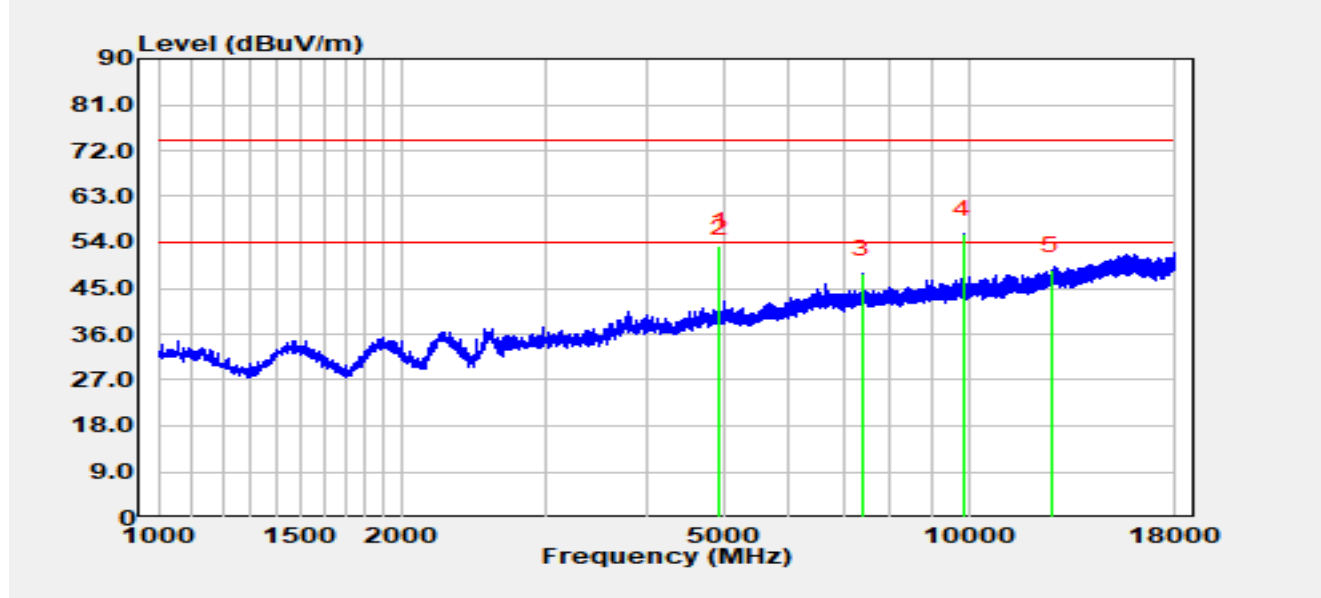
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	32.55	18.00	16.29	34.29	-5.71	40.00	QP
2		71.23	15.40	15.60	31.00	-9.00	40.00	QP
3		100.62	15.70	18.72	34.42	-9.08	43.50	QP
4		238.39	17.60	19.62	37.22	-8.78	46.00	QP
5		305.25	10.30	20.74	31.04	-14.96	46.00	QP
6		458.47	5.10	24.15	29.25	-16.75	46.00	QP

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

The Worst-case Result of Radiated Emission for 1 GHz ~ 18 GHz

Site	WJ-AC2	Test Date	2026-01-21
Temperature	25.7 °C	Humidity	25.3%
Limit	FCC_Part 15.209_RSE (3m)	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11b at 2462 MHz	Model No.	AP541

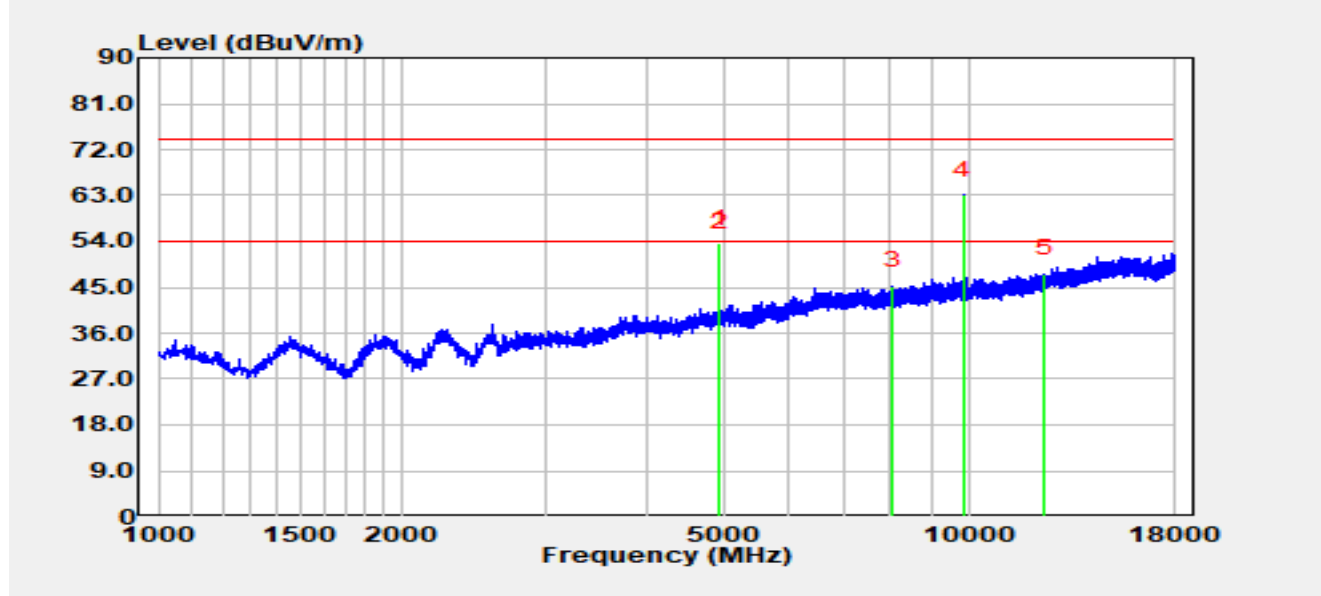


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	4923.60	53.02	0.22	53.24	-0.76	54.00	Average
2		4923.60	51.52	0.22	51.74	-22.26	74.00	Peak
3		7385.20	42.68	5.06	47.74	-26.26	74.00	Peak
4		9848.50	49.08	6.57	55.66	Note 4	Note 4	Peak
5		12660.30	43.05	5.37	48.42	-25.58	74.00	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).
4. Point 4 is not in the restricted bands specified in FCC Part 15.205. For testing of non-restricted bands, refer to the test item "Conducted Band Edge and Out-of-Band Emissions".

Site	WJ-AC2	Test Date	2026-01-21
Temperature	25.7 °C	Humidity	25.3%
Limit	FCC_Part 15.209_RSE (3m)	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2462 MHz	Model No.	AP541



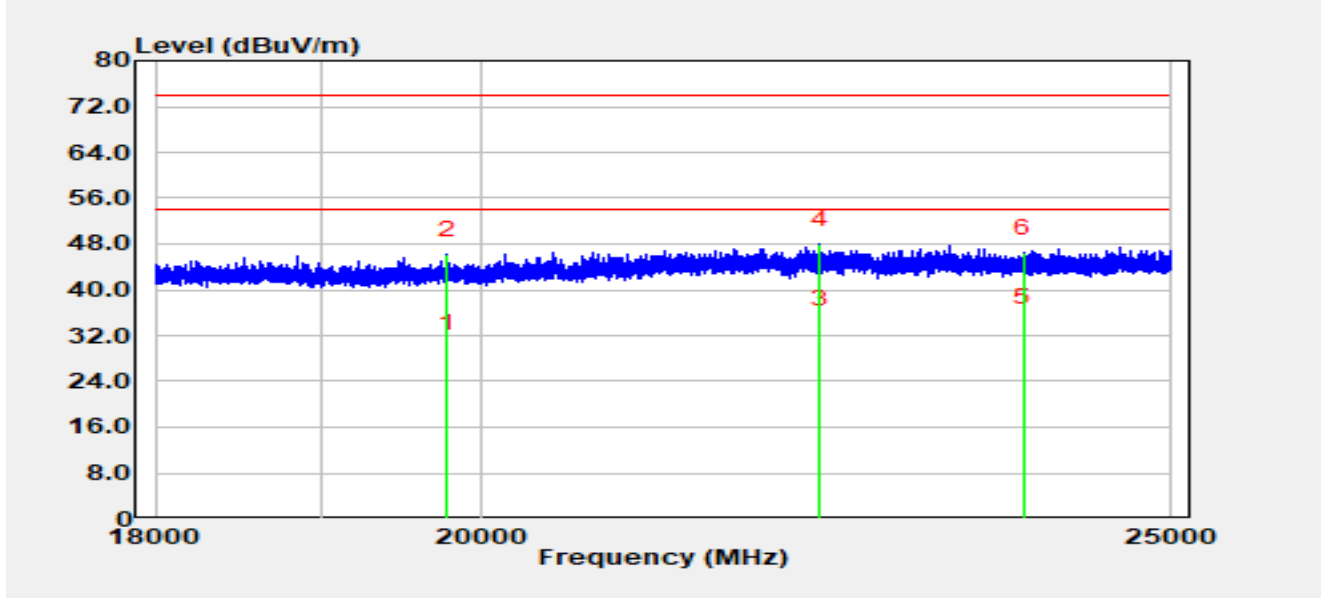
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	4923.60	53.35	0.22	53.57	-0.43	54.00	Average
2		4923.60	52.60	0.22	52.82	-21.18	74.00	Peak
3		8049.90	39.50	5.73	45.23	-28.77	74.00	Peak
4		9848.50	56.58	6.57	63.16	Note 4	Note 4	Peak
5		12401.90	42.72	4.99	47.70	-26.30	74.00	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).
4. Point 4 is not in the restricted bands specified in FCC Part 15.205. For testing of non-restricted bands, refer to the test item "Conducted Band Edge and Out-of-Band Emissions".

The Worst-case Result of Radiated Emission above 18 GHz

Site	WJ-AC2	Test Date	2026-01-24
Temperature	20.6 °C	Humidity	22.3%
Limit	FCC_Part 15.209_RSE (3m)	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz	Model No.	AP541

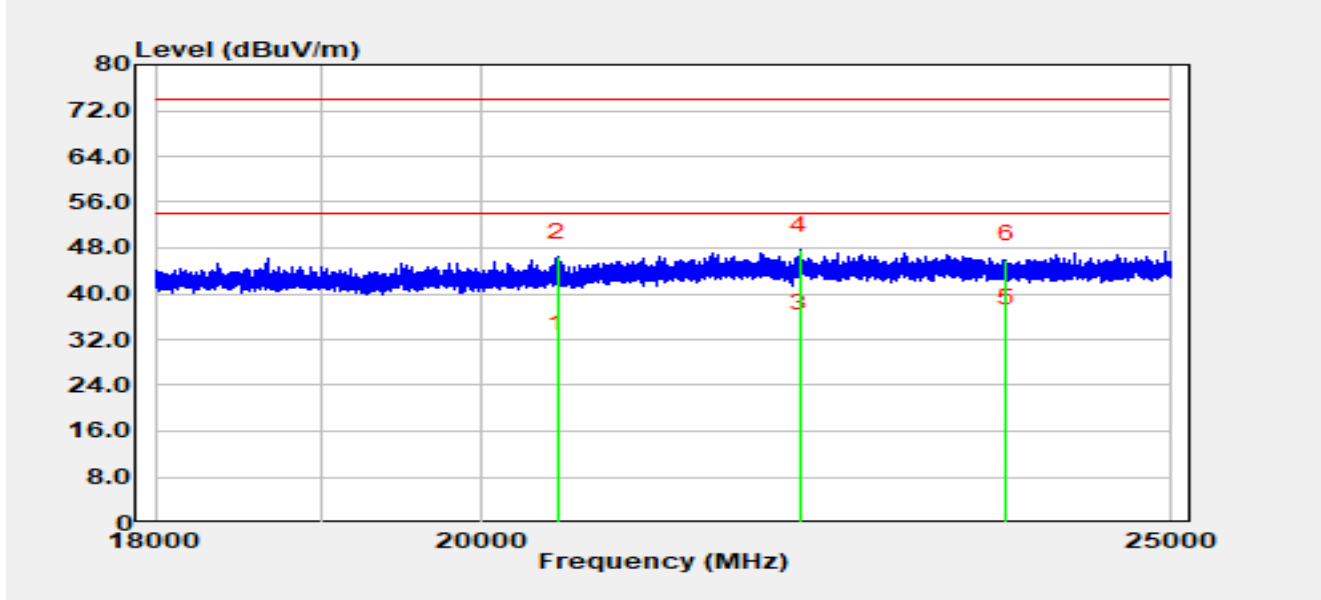


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		19778.70	37.99	-8.39	29.60	-24.40	54.00	Average
2		19778.70	54.50	-8.39	46.11	-27.89	74.00	Peak
3		22309.90	38.36	-4.44	33.92	-20.08	54.00	Average
4		22309.90	52.33	-4.44	47.89	-26.11	74.00	Peak
5	*	23828.20	38.40	-4.16	34.24	-19.76	54.00	Average
6		23828.20	50.63	-4.16	46.47	-27.53	74.00	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2026-01-24
Temperature	20.6 °C	Humidity	22.3%
Limit	FCC_Part 15.209_RSE (3m)	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz	Model No.	AP541



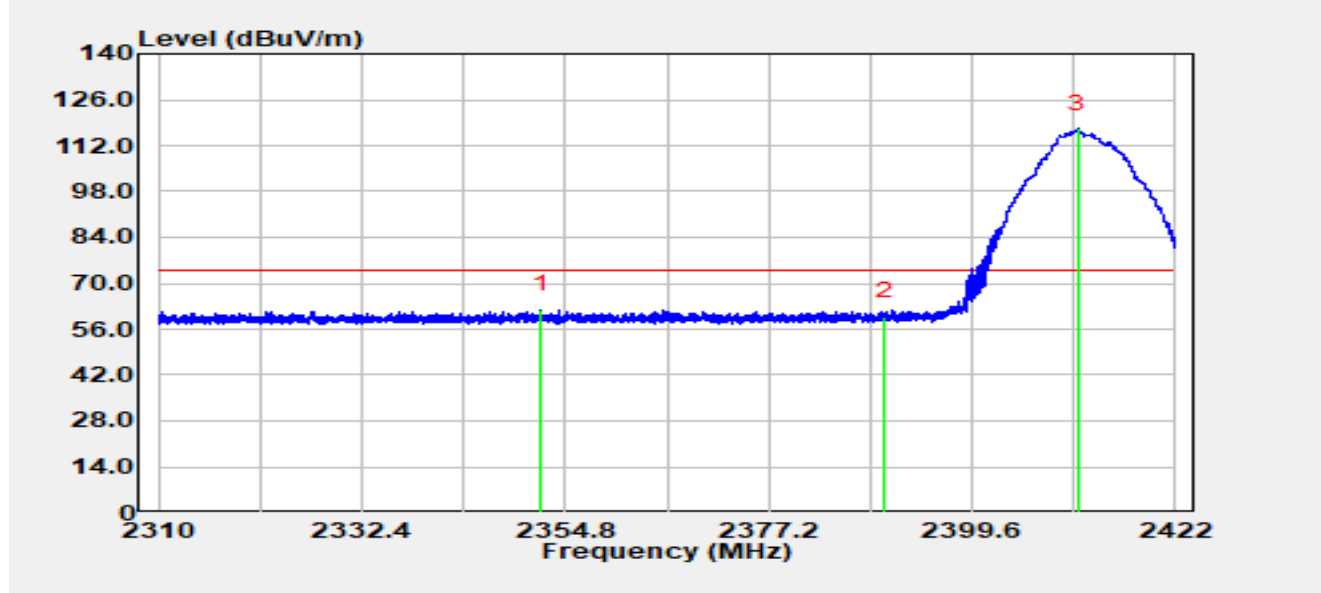
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		20495.50	38.02	-7.59	30.43	-23.57	54.00	Average
2		20495.50	54.07	-7.59	46.48	-27.52	74.00	Peak
3		22166.40	38.61	-4.63	33.98	-20.02	54.00	Average
4		22166.40	52.21	-4.63	47.58	-26.42	74.00	Peak
5	*	23693.80	39.05	-4.16	34.89	-19.11	54.00	Average
6		23693.80	50.15	-4.16	45.99	-28.01	74.00	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

A.7 Radiated Restricted Band Edge Test Result

Site	WJ-AC2	Test Date	2026-01-05
Temperature	19.7 °C	Humidity	32.3%
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11b at 2412 MHz	Model No.	AP541

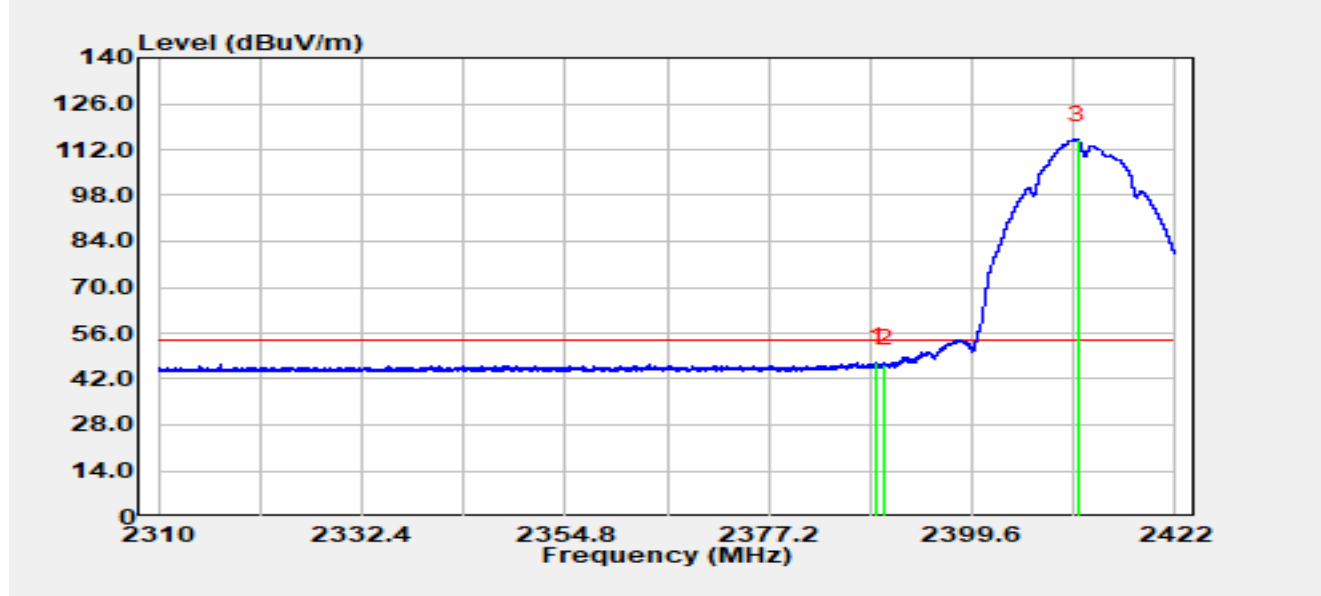


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2352.17	32.35	29.55	61.90	-12.10	74.00	Peak
2		2390.00	30.27	29.53	59.80	-14.20	74.00	Peak
3		2411.21	87.49	29.53	117.02	N/A	N/A	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2026-01-05
Temperature	19.7 °C	Humidity	32.3%
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11b at 2412 MHz	Model No.	AP541

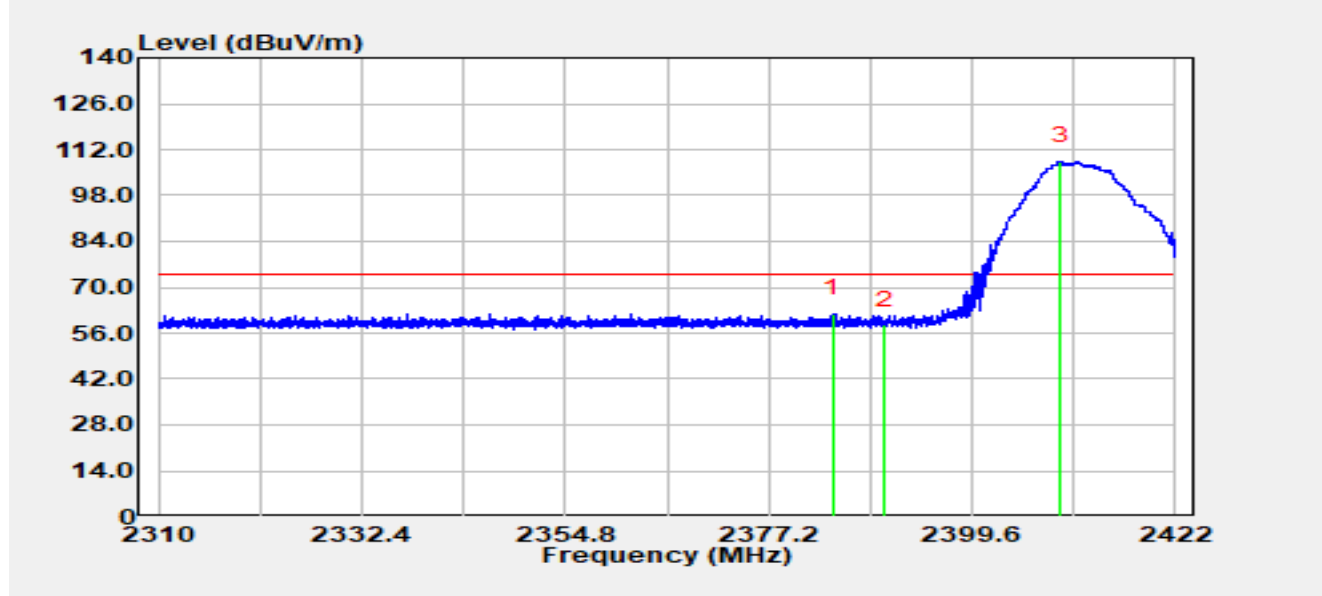


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2389.07	17.63	29.53	47.15	-6.85	54.00	Average
2		2390.00	17.23	29.53	46.75	-7.25	54.00	Average
3		2411.26	85.63	29.53	115.16	N/A	N/A	Average

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2026-01-05
Temperature	19.7 °C	Humidity	32.3%
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2412 MHz	Model No.	AP541

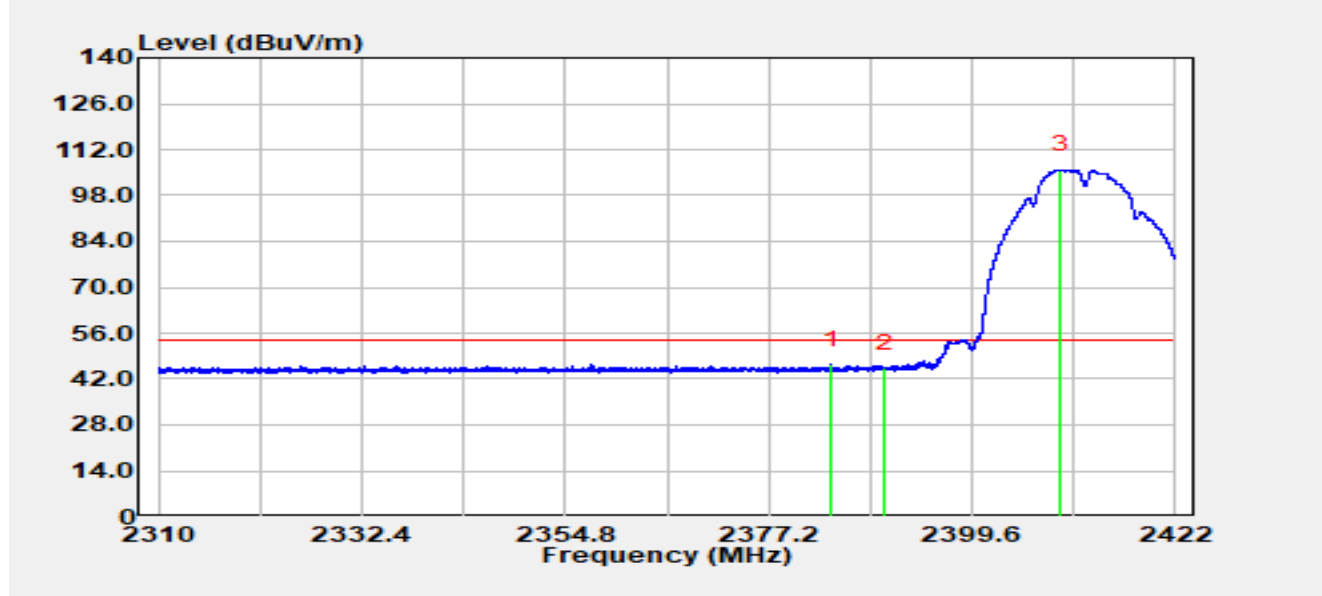


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2384.21	32.31	29.52	61.83	-12.17	74.00	Peak
2		2390.00	29.04	29.53	58.57	-15.43	74.00	Peak
3		2409.28	78.99	29.54	108.52	N/A	N/A	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2026-01-05
Temperature	19.7 °C	Humidity	32.3%
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2412 MHz	Model No.	AP541

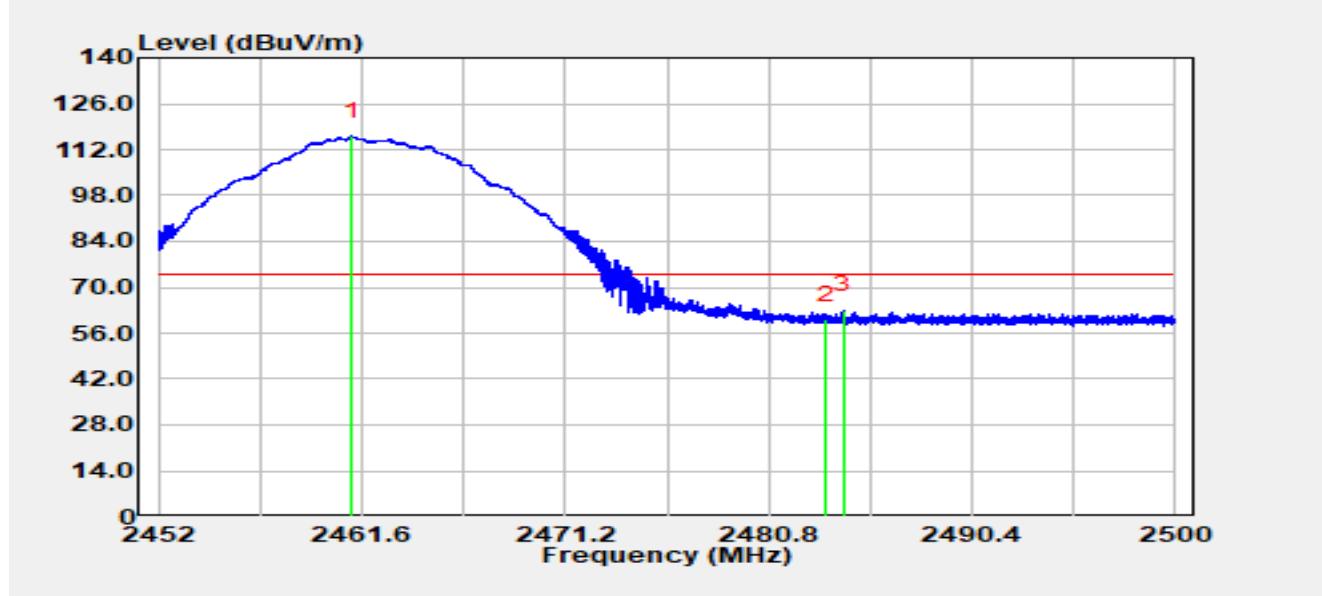


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2384.16	16.87	29.52	46.39	-7.61	54.00	Average
2		2390.00	15.80	29.53	45.33	-8.67	54.00	Average
3		2409.30	76.34	29.54	105.87	N/A	N/A	Average

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2026-01-05
Temperature	19.7 °C	Humidity	32.3%
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11b at 2462 MHz	Model No.	AP541

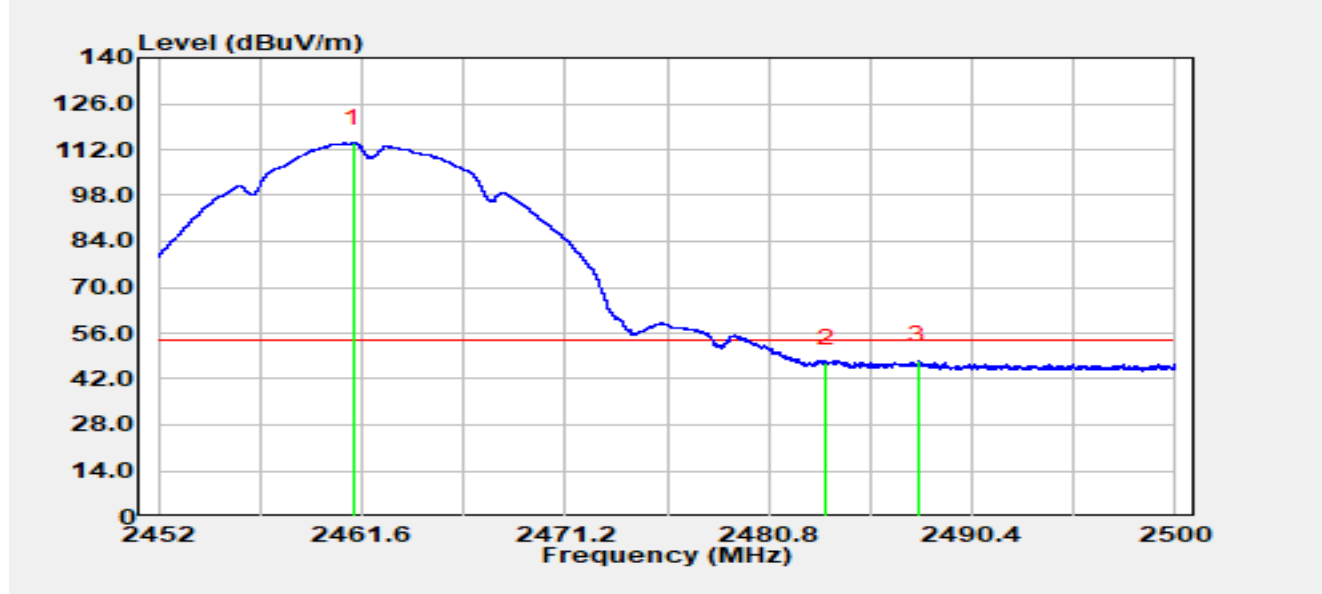


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2461.14	86.42	29.55	115.97	N/A	N/A	Peak
2		2483.50	30.48	29.59	60.07	-13.93	74.00	Peak
3	*	2484.30	33.27	29.60	62.87	-11.13	74.00	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2026-01-05
Temperature	19.7 °C	Humidity	32.3%
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11b at 2462 MHz	Model No.	AP541

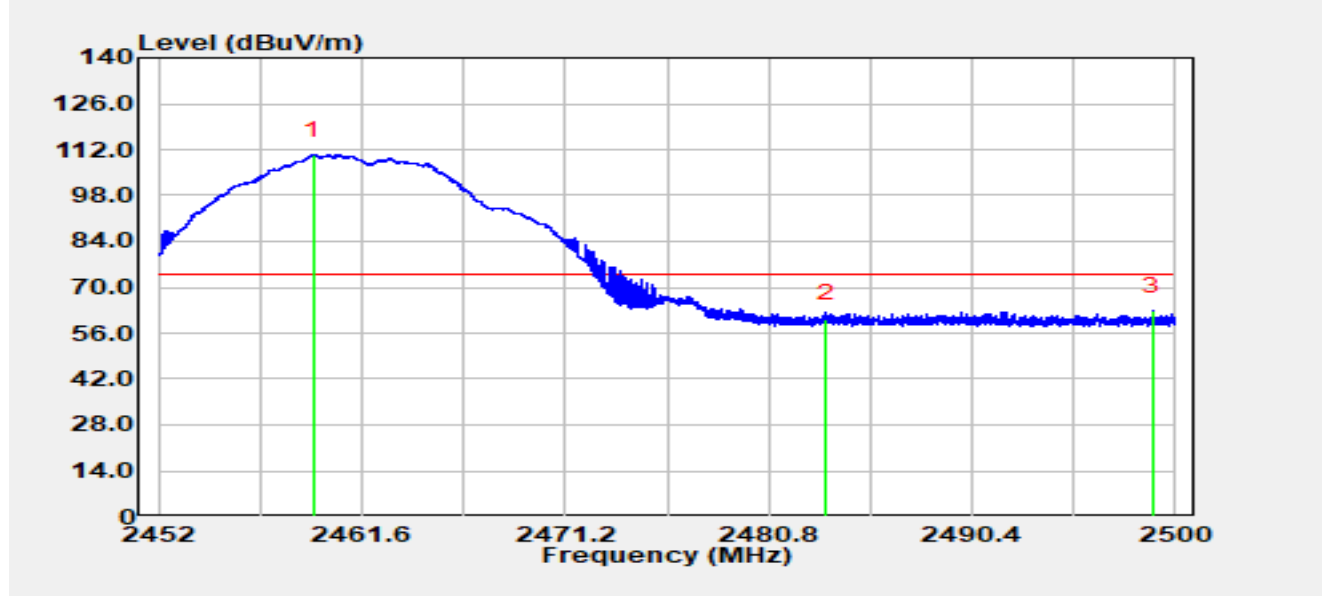


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2461.18	84.41	29.55	113.96	N/A	N/A	Average
2		2483.50	17.23	29.59	46.82	-7.18	54.00	Average
3	*	2487.88	18.04	29.61	47.65	-6.35	54.00	Average

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2026-01-05
Temperature	19.7 °C	Humidity	32.3%
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2462 MHz	Model No.	AP541

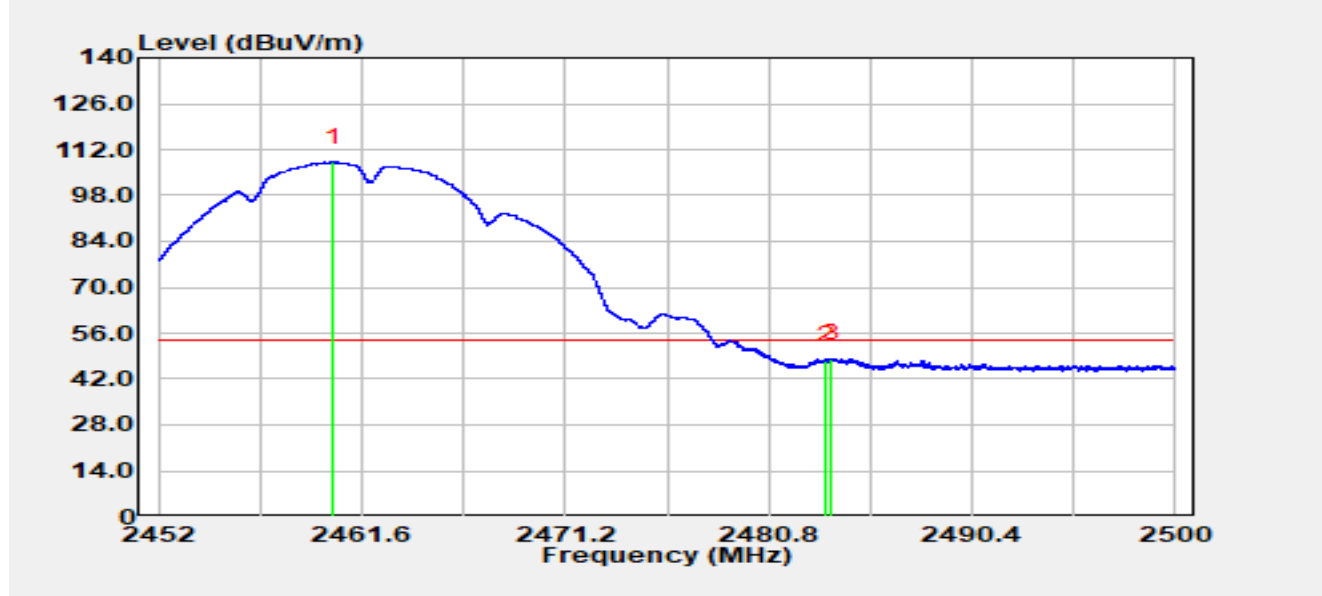


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2459.31	80.79	29.55	110.34	N/A	N/A	Peak
2		2483.50	30.83	29.59	60.42	-13.58	74.00	Peak
3	*	2498.92	33.13	29.62	62.76	-11.24	74.00	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2026-01-05
Temperature	19.7 °C	Humidity	32.3%
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2462 MHz	Model No.	AP541

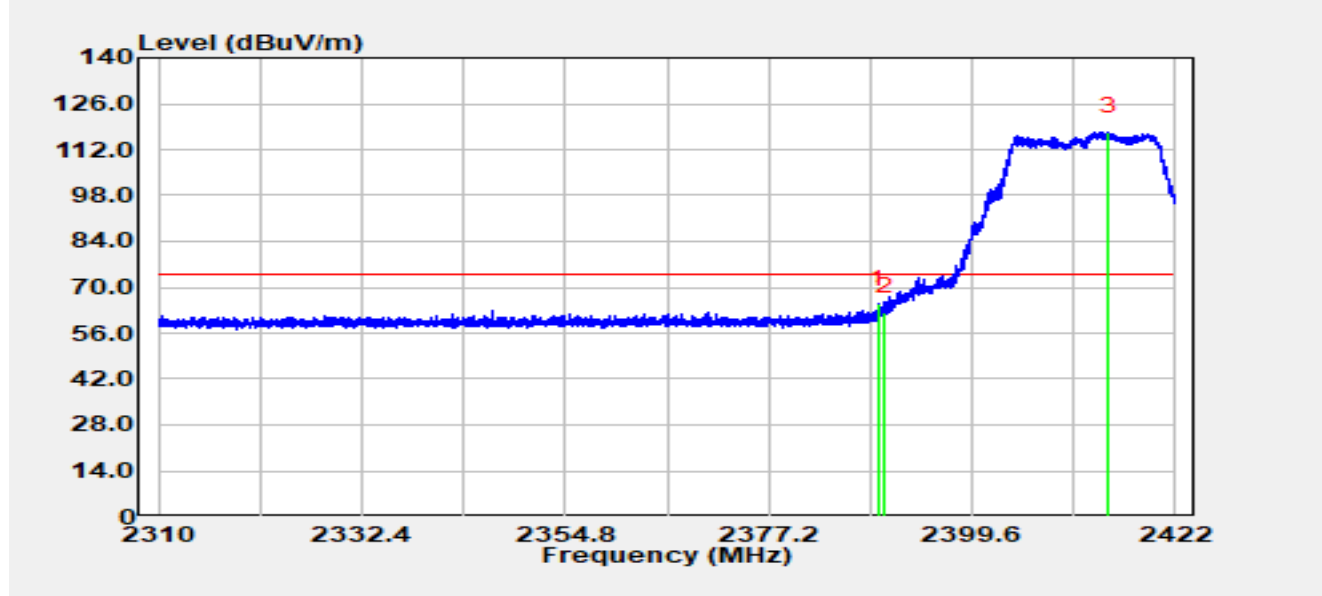


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2460.22	78.67	29.55	108.22	N/A	N/A	Average
2		2483.50	18.16	29.59	47.75	-6.25	54.00	Average
3	*	2483.76	18.68	29.59	48.27	-5.73	54.00	Average

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2026-01-05
Temperature	19.7 °C	Humidity	32.3%
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11g at 2412 MHz	Model No.	AP541

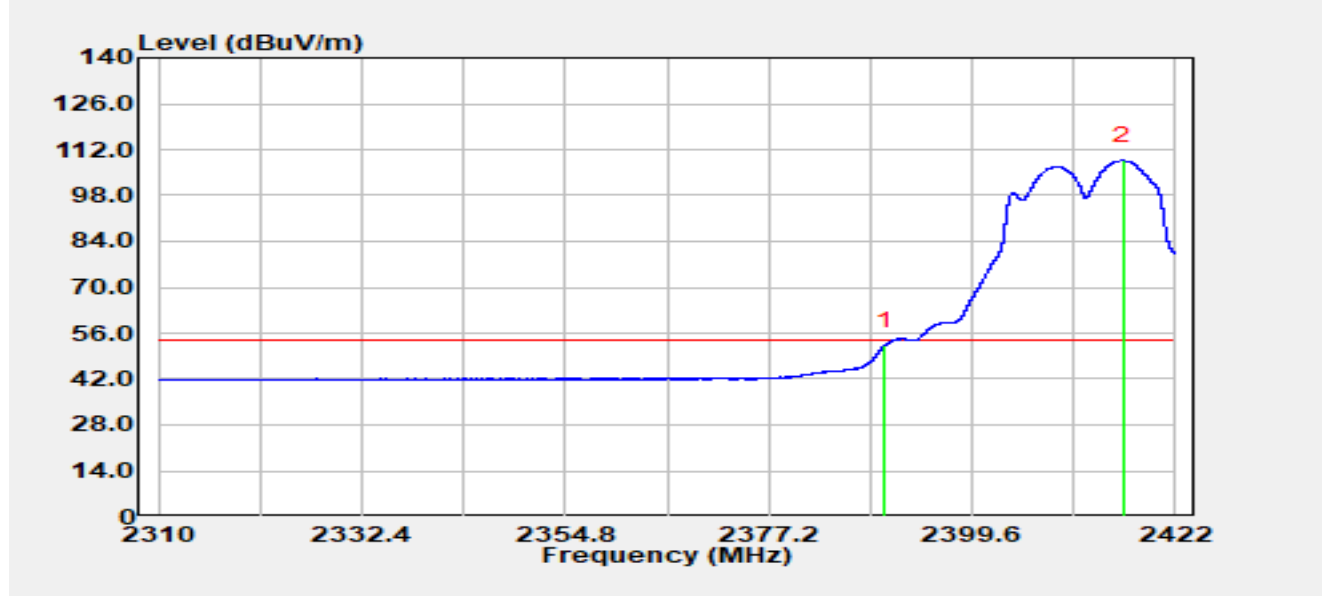


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2389.24	35.31	29.53	64.83	-9.17	74.00	Peak
2		2390.00	33.03	29.53	62.55	-11.45	74.00	Peak
3		2414.57	87.88	29.53	117.41	N/A	N/A	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2026-01-05
Temperature	19.7 °C	Humidity	32.3%
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11g at 2412 MHz	Model No.	AP541

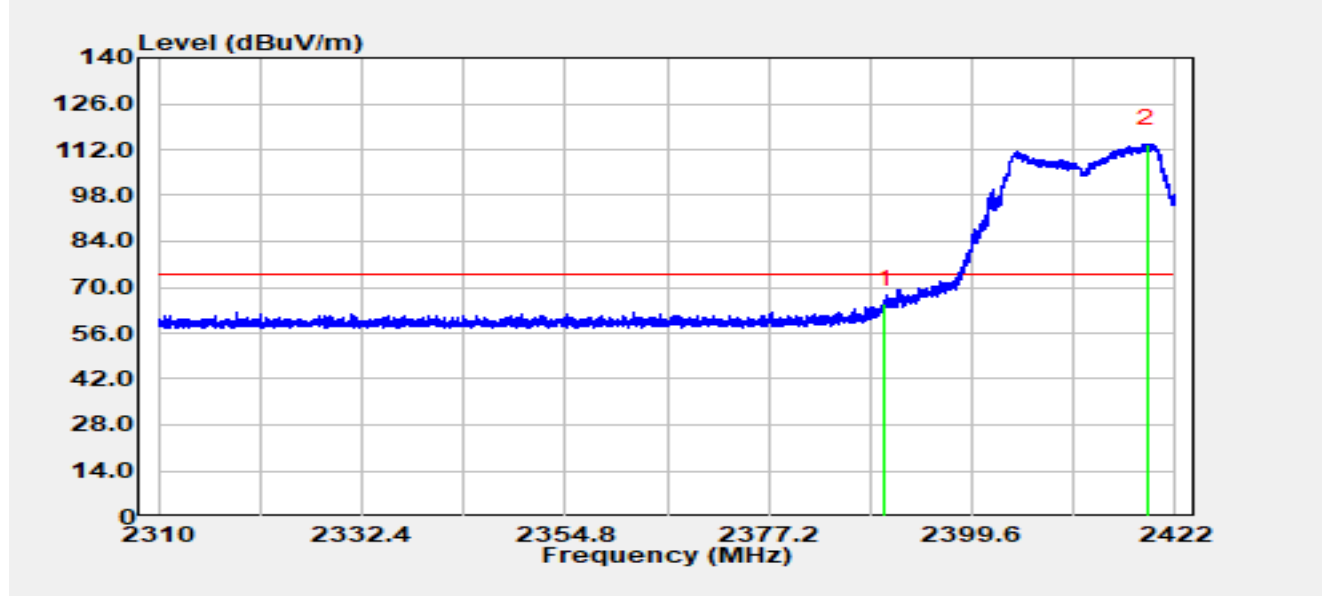


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2390.00	22.71	29.53	52.23	-1.77	54.00	Average
2		2416.18	79.08	29.52	108.60	N/A	N/A	Average

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2026-01-05
Temperature	19.7 °C	Humidity	32.3%
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11g at 2412 MHz	Model No.	AP541



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2390.00	35.32	29.53	64.85	-9.15	74.00	Peak
2		2418.90	84.20	29.52	113.72	N/A	N/A	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).