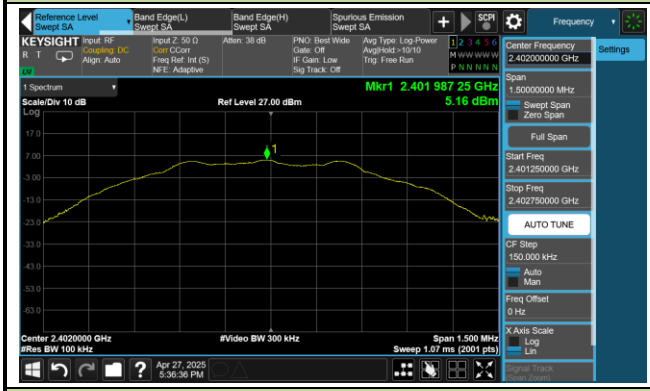
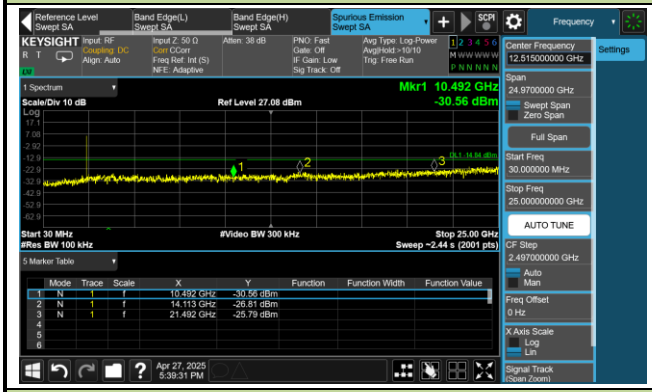
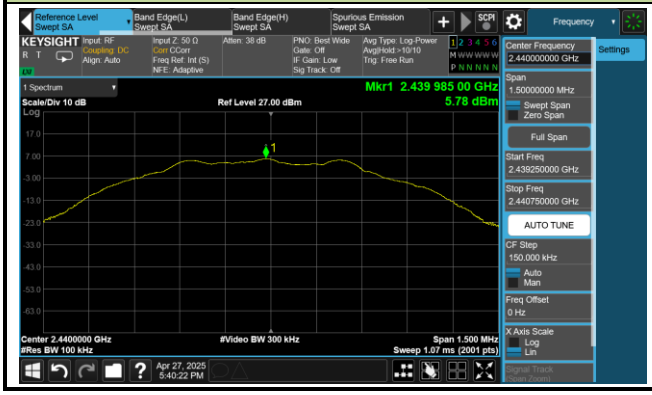
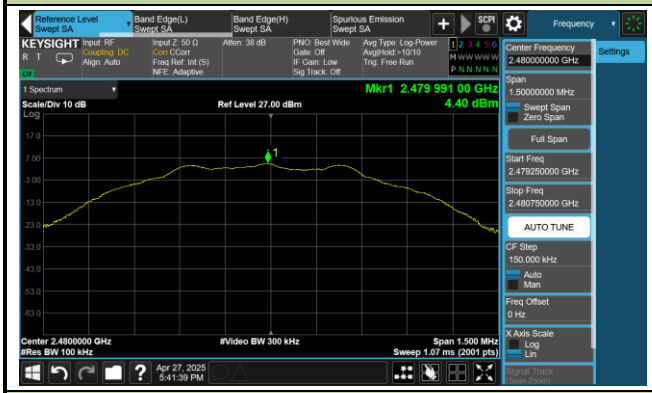
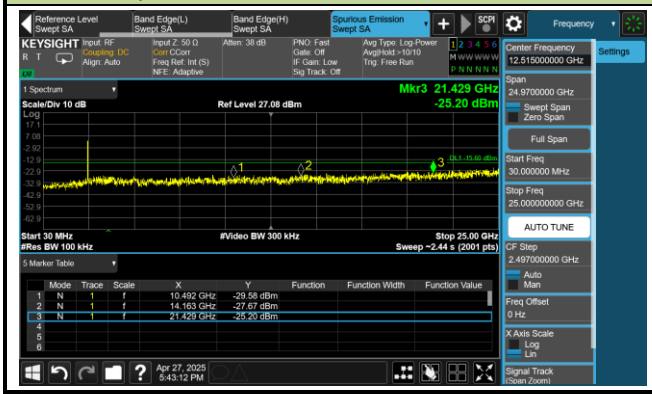
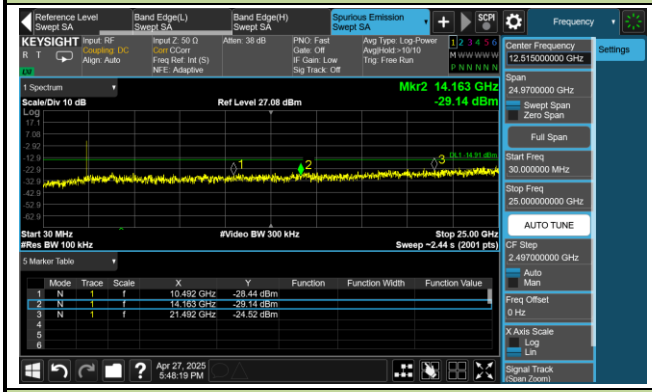
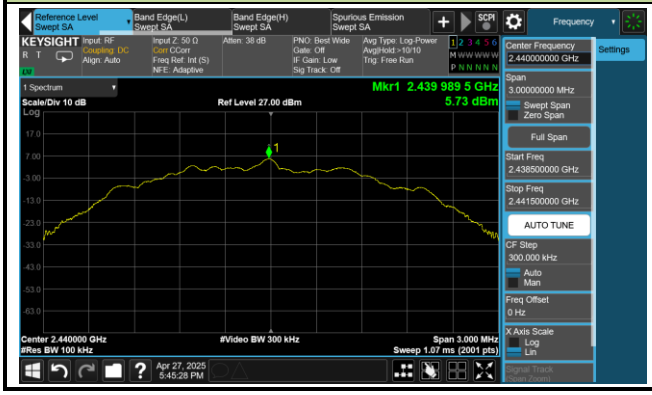
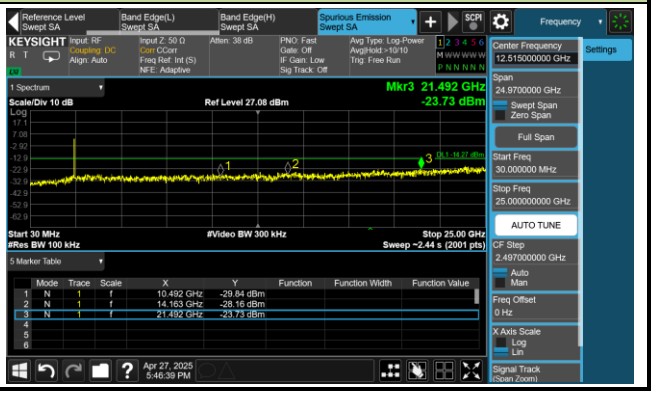
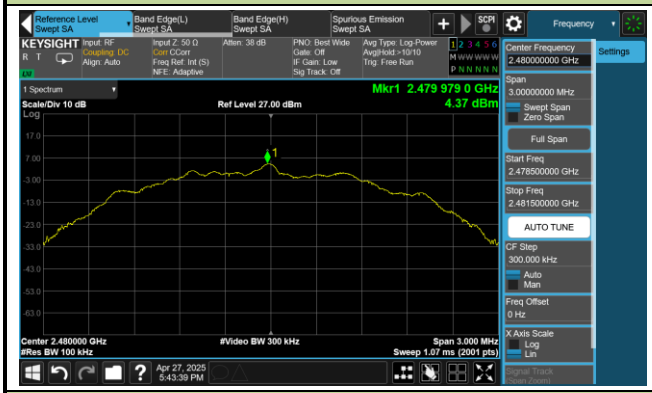
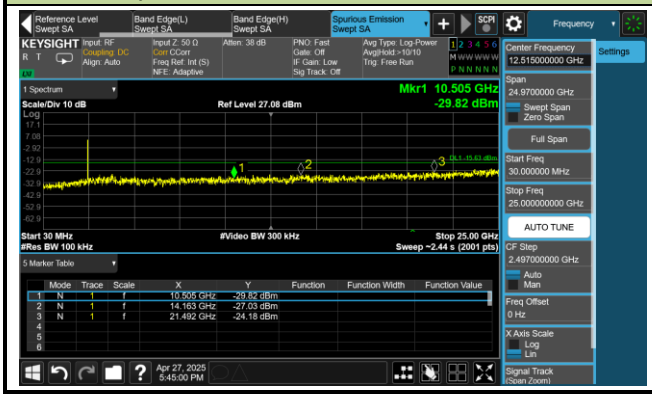
BLE-1Mbps Out-of-Band Emissions	
Channel 00 (2402MHz)	
100kHz PSD Reference Level	Low Band Edge
	
Spurious Emission 30MHz ~ 25GHz	
	
Channel 19 (2440MHz)	
100kHz PSD Reference Level	Spurious Emission 30MHz ~ 25GHz
	

Channel 39 (2480MHz)	
100kHz PSD Reference Level	High Band Edge
	
Spurious Emission 30MHz ~ 25GHz	
	

BLE-2Mbps Out-of-Band Emissions	
Channel 00 (2402MHz)	
100kHz PSD Reference Level	Low Band Edge
Spurious Emission 30MHz ~ 25GHz	
	
Channel 19 (2440MHz)	
100kHz PSD Reference Level	Spurious Emission 30MHz ~ 25GHz
	

Channel 39 (2480MHz)	
100kHz PSD Reference Level	High Band Edge
	
Spurious Emission 30MHz ~ 25GHz	
	

A.6 Radiated Spurious Emission Test Result

Test Site	WJ-AC2	Test Engineer	Carl Jiang
Test Date	2025-04-29	Test Mode:	BLE-125kbps
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, 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
00	4804.60	49.07	0.11	49.18	74.00	-24.82	Peak	Horizontal
	11332.60	41.53	5.66	47.19	74.00	-26.81	Peak	Horizontal
	12009.20	38.99	5.20	44.19	54.00	-9.81	Average	Horizontal
	12009.20	46.52	5.20	51.72	74.00	-22.28	Peak	Horizontal
	4804.60	44.67	0.11	44.78	74.00	-29.22	Peak	Vertical
	11167.70	41.63	5.61	47.24	74.00	-26.76	Peak	Vertical
	12010.90	44.28	5.20	49.48	74.00	-24.52	Peak	Vertical
19	4879.40	48.49	0.14	48.63	74.00	-25.37	Peak	Horizontal
	7318.90	41.87	5.24	47.11	54.00	-6.89	Average	Horizontal
	7318.90	48.24	5.24	53.48	74.00	-20.52	Peak	Horizontal
	12201.30	41.47	4.84	46.31	54.00	-7.69	Average	Horizontal
	12201.30	47.49	4.84	52.33	74.00	-21.67	Peak	Horizontal
	4881.10	46.31	0.12	46.43	74.00	-27.57	Peak	Vertical
	7318.90	41.56	5.24	46.80	54.00	-7.20	Average	Vertical
	7318.90	46.36	5.24	51.60	74.00	-22.40	Peak	Vertical
	11436.30	42.03	5.50	47.53	74.00	-26.47	Peak	Vertical
39	4959.30	47.37	0.30	47.67	74.00	-26.33	Peak	Horizontal
	7439.60	42.14	5.26	47.40	54.00	-6.60	Average	Horizontal
	7439.60	47.38	5.26	52.64	74.00	-21.36	Peak	Horizontal
	12401.90	43.58	4.90	48.48	54.00	-5.52	Average	Horizontal
	12401.90	48.28	4.90	53.18	74.00	-20.82	Peak	Horizontal
	7441.30	42.35	5.26	47.61	74.00	-26.39	Peak	Vertical
	11526.40	41.80	5.37	47.17	74.00	-26.83	Peak	Vertical
	12398.50	41.18	4.87	46.05	54.00	-7.95	Average	Vertical
	12398.50	46.70	4.87	51.57	74.00	-22.43	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	Carl Jiang
Test Date	2025-04-29	Test Mode:	BLE-500kbps
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, 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
00	4804.60	49.73	0.11	49.84	74.00	-24.16	Peak	Horizontal
	11427.80	42.70	5.59	48.29	74.00	-25.71	Peak	Horizontal
	12009.20	36.86	5.20	42.06	54.00	-11.94	Average	Horizontal
	12009.20	46.43	5.20	51.63	74.00	-22.37	Peak	Horizontal
	4802.90	44.25	0.11	44.36	74.00	-29.64	Peak	Vertical
	11443.10	43.51	5.46	48.97	74.00	-25.03	Peak	Vertical
	12009.20	44.93	5.20	50.13	74.00	-23.87	Peak	Vertical
19	4879.40	48.05	0.14	48.19	74.00	-25.81	Peak	Horizontal
	7320.60	42.60	5.26	47.86	54.00	-6.14	Average	Horizontal
	7320.60	49.15	5.26	54.41	74.00	-19.59	Peak	Horizontal
	12201.30	41.04	4.84	45.88	54.00	-8.12	Average	Horizontal
	12201.30	47.85	4.84	52.69	74.00	-21.31	Peak	Horizontal
	4881.10	46.93	0.12	47.05	74.00	-26.95	Peak	Vertical
	7320.60	40.93	5.26	46.19	54.00	-7.81	Average	Vertical
	7320.60	46.96	5.26	52.22	74.00	-21.78	Peak	Vertical
	12201.30	44.93	4.84	49.77	74.00	-24.23	Peak	Vertical
39	4961.00	47.73	0.32	48.05	74.00	-25.95	Peak	Horizontal
	7441.30	41.42	5.26	46.68	54.00	-7.32	Average	Horizontal
	7441.30	48.33	5.26	53.59	74.00	-20.41	Peak	Horizontal
	12401.90	41.29	4.90	46.19	54.00	-7.81	Average	Horizontal
	12401.90	50.14	4.90	55.04	74.00	-18.96	Peak	Horizontal
	4961.00	45.65	0.32	45.97	74.00	-28.03	Peak	Vertical
	7441.30	44.14	5.26	49.40	74.00	-24.60	Peak	Vertical
	12401.90	38.47	4.90	43.37	54.00	-10.63	Average	Vertical
	12401.90	48.64	4.90	53.54	74.00	-20.46	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	Carl Jiang
Test Date	2025-04-29	Test Mode:	BLE-1Mbps
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, 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
00	4804.60	45.45	0.11	45.56	54.00	-8.44	Average	Horizontal
	4804.60	50.29	0.11	50.40	74.00	-23.60	Peak	Horizontal
	11096.30	41.59	5.53	47.12	74.00	-26.88	Peak	Horizontal
	12009.20	40.05	5.20	45.25	54.00	-8.75	Average	Horizontal
	12009.20	46.23	5.20	51.43	74.00	-22.57	Peak	Horizontal
	4802.90	45.93	0.11	46.04	74.00	-27.96	Peak	Vertical
	10769.90	40.79	5.58	46.37	74.00	-27.63	Peak	Vertical
	12010.90	40.01	5.20	45.21	54.00	-8.79	Average	Vertical
	12010.90	45.43	5.20	50.63	74.00	-23.37	Peak	Vertical
19	4879.40	48.08	0.14	48.22	74.00	-25.78	Peak	Horizontal
	7320.60	44.01	5.26	49.27	54.00	-4.73	Average	Horizontal
	7320.60	47.99	5.26	53.25	74.00	-20.75	Peak	Horizontal
	12197.90	41.61	4.84	46.45	54.00	-7.55	Average	Horizontal
	12197.90	47.65	4.84	52.49	74.00	-21.51	Peak	Horizontal
	4881.10	45.09	0.12	45.21	74.00	-28.79	Peak	Vertical
	11455.00	41.71	5.40	47.11	74.00	-26.89	Peak	Vertical
	12201.30	43.87	4.84	48.71	74.00	-25.29	Peak	Vertical
39	4959.30	47.61	0.30	47.91	74.00	-26.09	Peak	Horizontal
	7439.60	42.74	5.26	48.00	54.00	-6.00	Average	Horizontal
	7439.60	47.14	5.26	52.40	74.00	-21.60	Peak	Horizontal
	12398.50	44.54	4.87	49.41	54.00	-4.59	Average	Horizontal
	12398.50	49.12	4.87	53.99	74.00	-20.01	Peak	Horizontal
	7439.60	42.61	5.26	47.87	74.00	-26.13	Peak	Vertical
	11449.90	41.93	5.42	47.35	74.00	-26.65	Peak	Vertical
	12401.90	42.16	4.90	47.06	54.00	-6.94	Average	Vertical
	12401.90	47.08	4.90	51.98	74.00	-22.02	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	Carl Jiang
Test Date	2025-04-29	Test Mode:	BLE-2Mbps
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

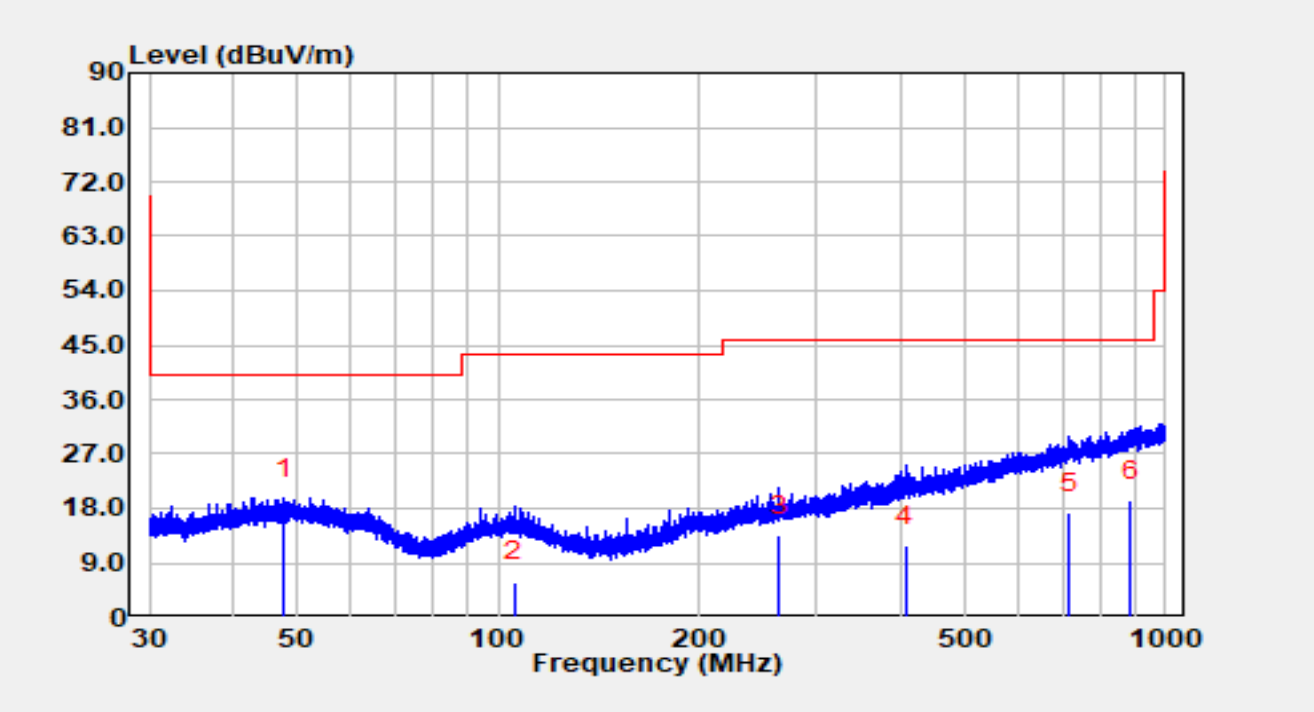
Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
00	4804.60	49.02	0.11	49.13	74.00	-24.87	Peak	Horizontal
	11058.90	41.49	5.55	47.04	74.00	-26.96	Peak	Horizontal
	12007.50	38.42	5.21	43.63	54.00	-10.37	Average	Horizontal
	12007.50	46.21	5.21	51.42	74.00	-22.58	Peak	Horizontal
	8259.00	40.61	6.11	46.72	74.00	-27.28	Peak	Vertical
	11405.70	41.19	5.53	46.72	74.00	-27.28	Peak	Vertical
	12007.50	43.59	5.21	48.80	74.00	-25.20	Peak	Vertical
19	4879.40	46.35	0.14	46.49	74.00	-27.51	Peak	Horizontal
	7318.90	42.79	5.24	48.03	54.00	-5.97	Average	Horizontal
	7318.90	46.87	5.24	52.11	74.00	-21.89	Peak	Horizontal
	12197.90	41.28	4.84	46.12	54.00	-7.88	Average	Horizontal
	12197.90	46.66	4.84	51.50	74.00	-22.50	Peak	Horizontal
	7320.60	39.14	5.26	44.40	54.00	-9.60	Average	Vertical
	7320.60	46.30	5.26	51.56	74.00	-22.44	Peak	Vertical
	11461.80	41.84	5.42	47.26	74.00	-26.74	Peak	Vertical
	12010.90	42.47	5.20	47.67	74.00	-26.33	Peak	Vertical
39	4959.30	45.96	0.30	46.26	74.00	-27.74	Peak	Horizontal
	7439.60	41.00	5.26	46.26	54.00	-7.74	Average	Horizontal
	7439.60	46.62	5.26	51.88	74.00	-22.12	Peak	Horizontal
	12396.80	42.83	4.85	47.68	54.00	-6.32	Average	Horizontal
	12396.80	47.51	4.85	52.36	74.00	-21.64	Peak	Horizontal
	7441.30	43.71	5.26	48.97	74.00	-25.03	Peak	Vertical
	10990.90	41.43	5.30	46.73	74.00	-27.27	Peak	Vertical
	12396.80	41.23	4.85	46.08	54.00	-7.92	Average	Vertical
	12396.80	46.30	4.85	51.15	74.00	-22.85	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 Result of Radiated Emission below 1GHz:

Site	WJ-AC2	Test Date	2025-05-06
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15.209_RSE (3m)	Test Engineer	Bob Zhang
Factor	VULB 9163_07097	Polarity	Horizontal
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 500K at 2480MHz		

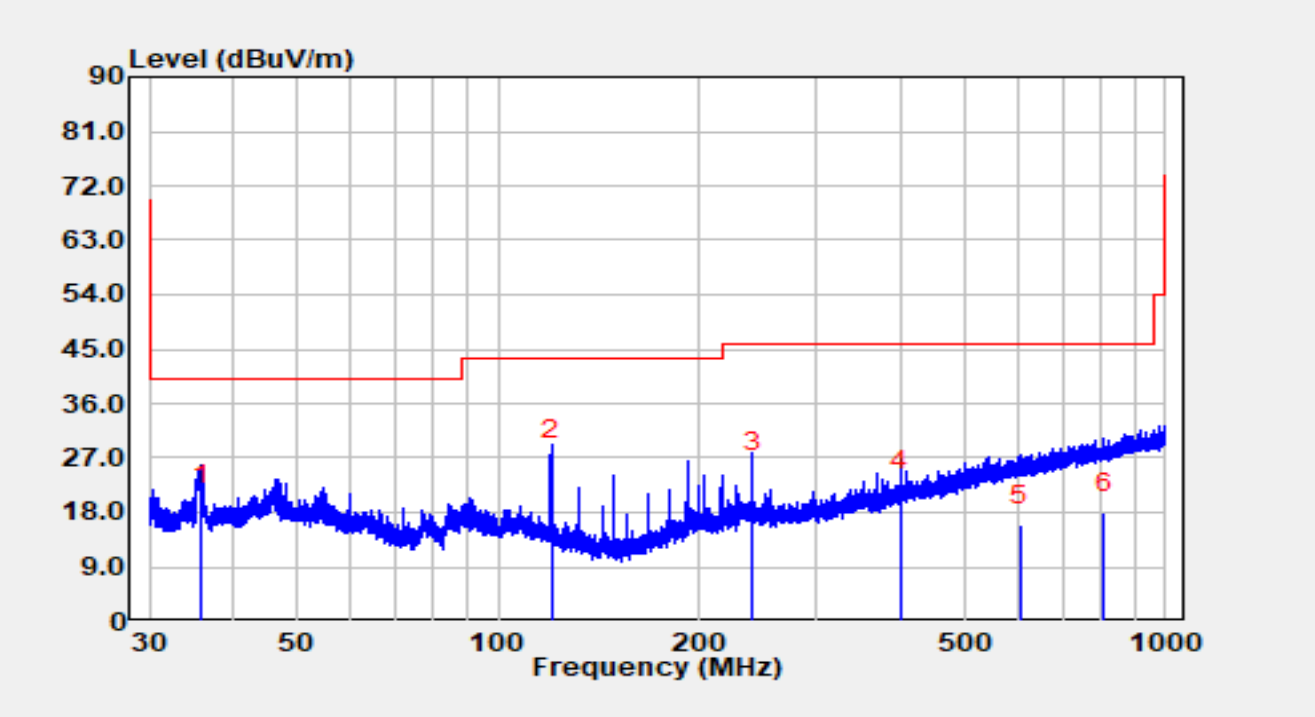


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	47.826	0.10	19.50	19.60	-20.40	40.00	QP
2		105.568	-11.70	17.63	5.93	-37.57	43.50	QP
3		264.004	-5.80	19.23	13.43	-32.57	46.00	QP
4		407.800	-10.80	22.64	11.84	-34.16	46.00	QP
5		716.431	-10.20	27.45	17.25	-28.75	46.00	QP
6		885.434	-10.20	29.50	19.30	-26.70	46.00	QP

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).
4. The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Site	WJ-AC2	Test Date	2025-05-06
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15.209_RSE (3m)	Test Engineer	Bob Zhang
Factor	VULB 9163_07097	Polarity	Vertical
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 500K at 2480MHz		



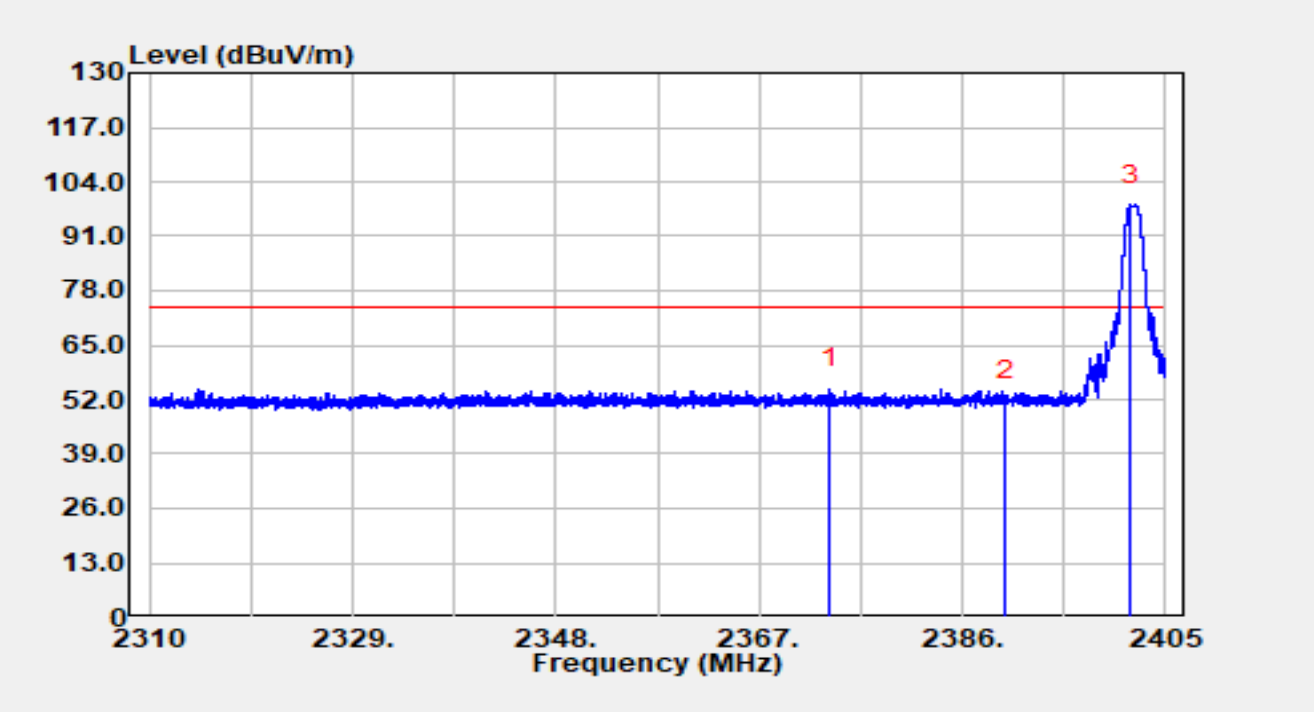
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		36.001	2.00	17.28	19.28	-20.72	40.00	QP
2	*	119.982	11.20	15.62	26.82	-16.68	43.50	QP
3		239.987	5.90	18.66	24.56	-21.44	46.00	QP
4		400.011	-1.00	22.42	21.42	-24.58	46.00	QP
5		604.174	-10.40	26.33	15.93	-30.07	46.00	QP
6		807.712	-10.50	28.47	17.97	-28.03	46.00	QP

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).
4. The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

A.7 Radiated Restricted Band Edge Test Result

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 125K at 2402MHz		

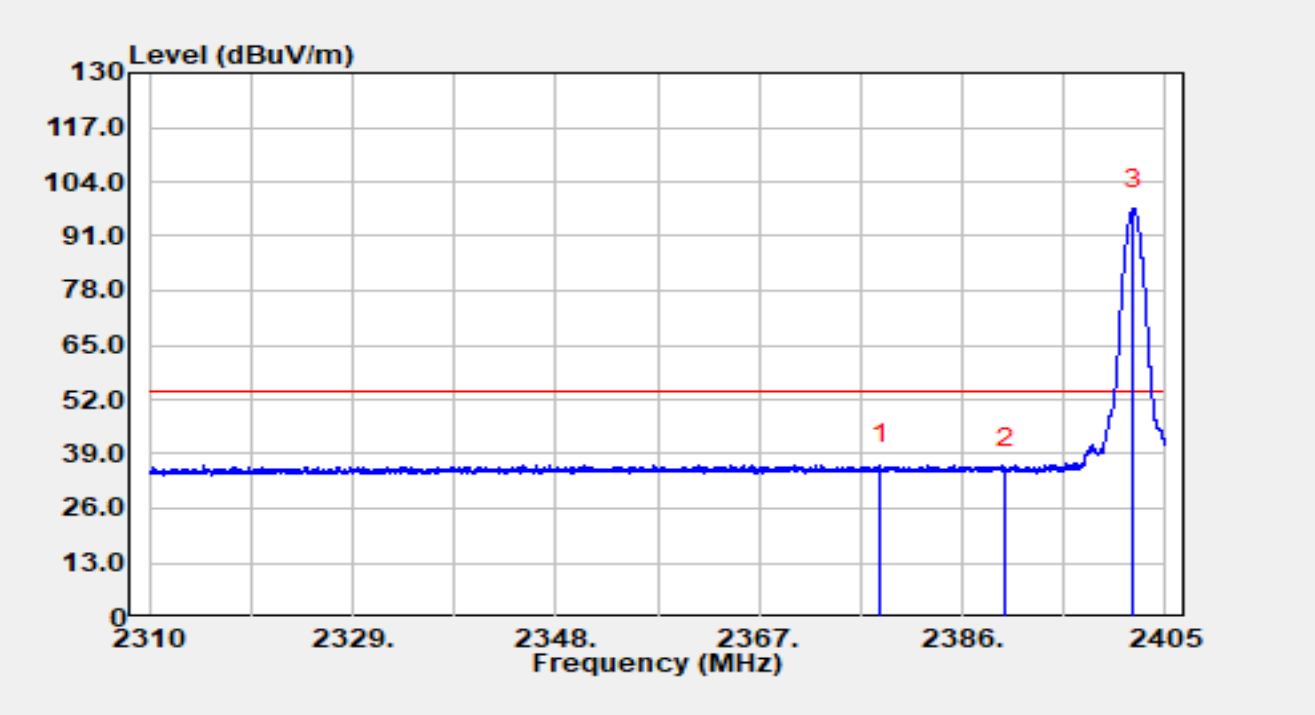


No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2373.640	25.08	29.56	54.64	-19.36	74.00	Peak
2		2390.000	22.17	29.59	51.76	-22.24	74.00	Peak
3		2401.751	68.81	29.64	98.45	N/A	N/A	Peak

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 125K at 2402MHz		

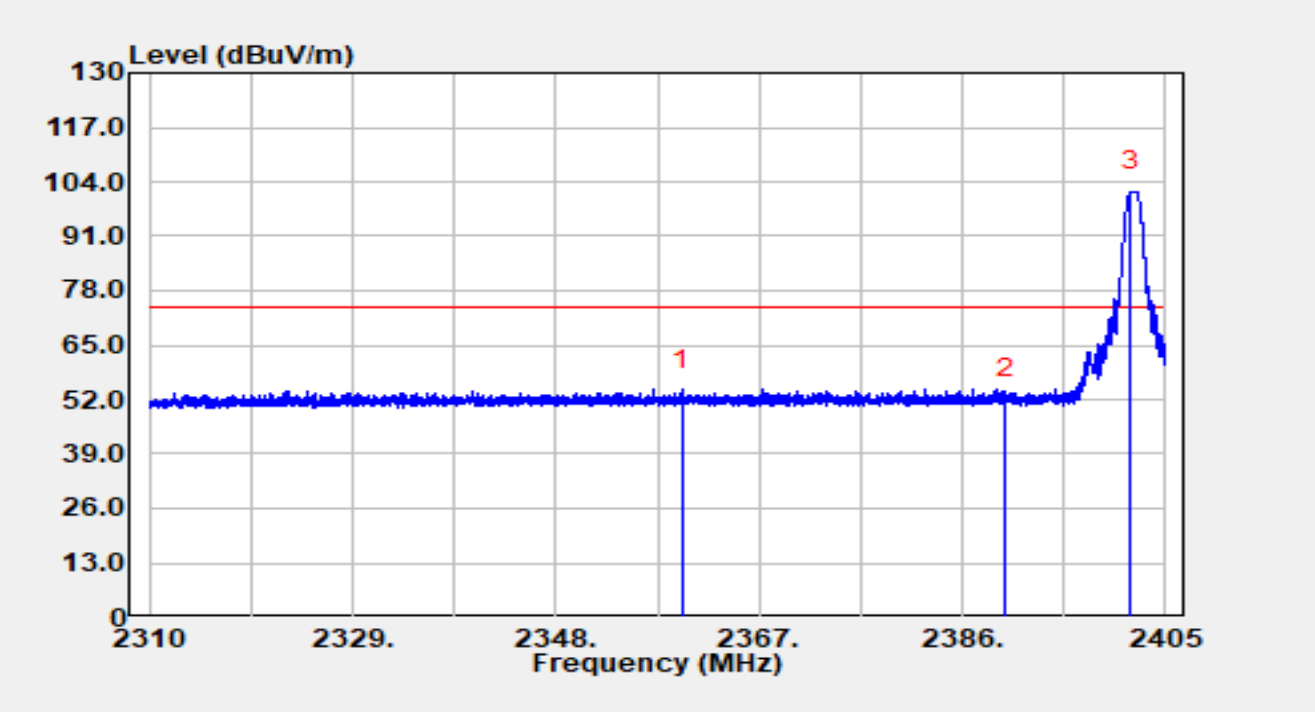


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2378.286	6.84	29.56	36.40	-17.60	54.00	Average
2		2390.000	5.76	29.59	35.35	-18.65	54.00	Average
3		2401.998	67.88	29.64	97.52	N/A	N/A	Average

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 125K at 2402MHz		

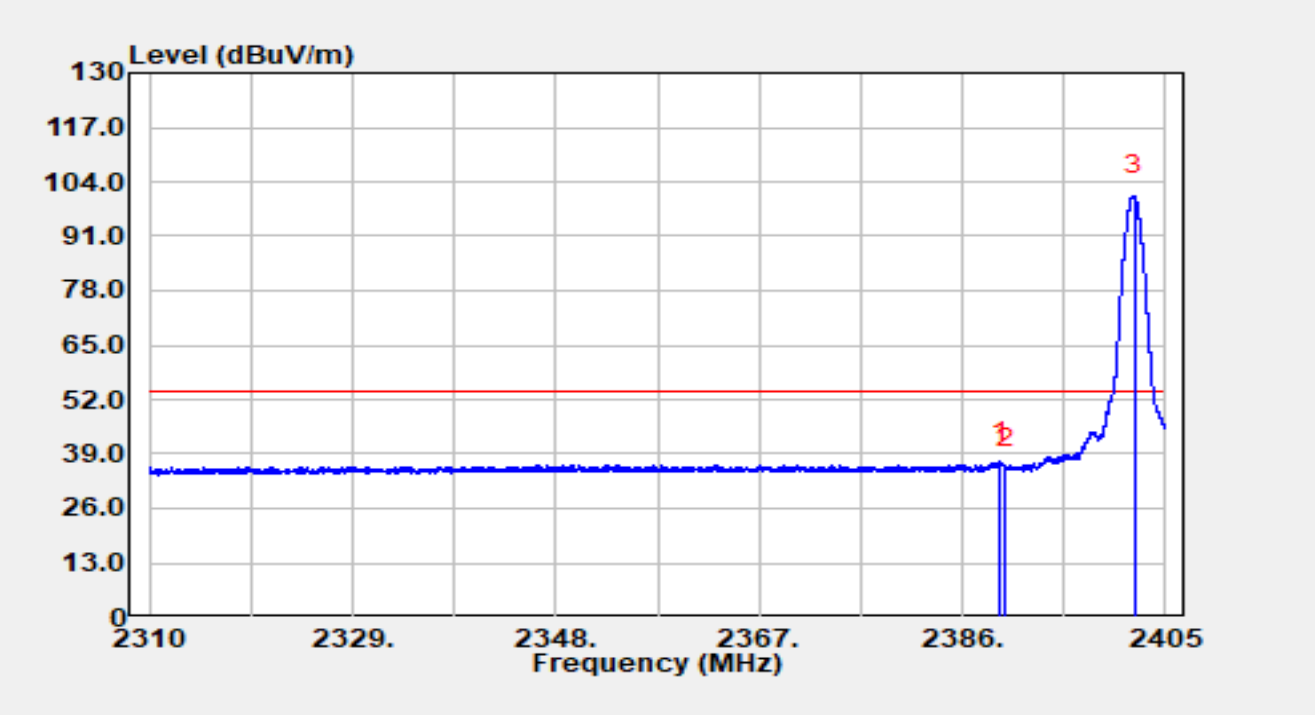


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2359.751	24.88	29.54	54.42	-19.58	74.00	Peak
2		2390.000	22.44	29.59	52.03	-21.97	74.00	Peak
3		2401.741	72.01	29.64	101.65	N/A	N/A	Peak

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 125K at 2402MHz		

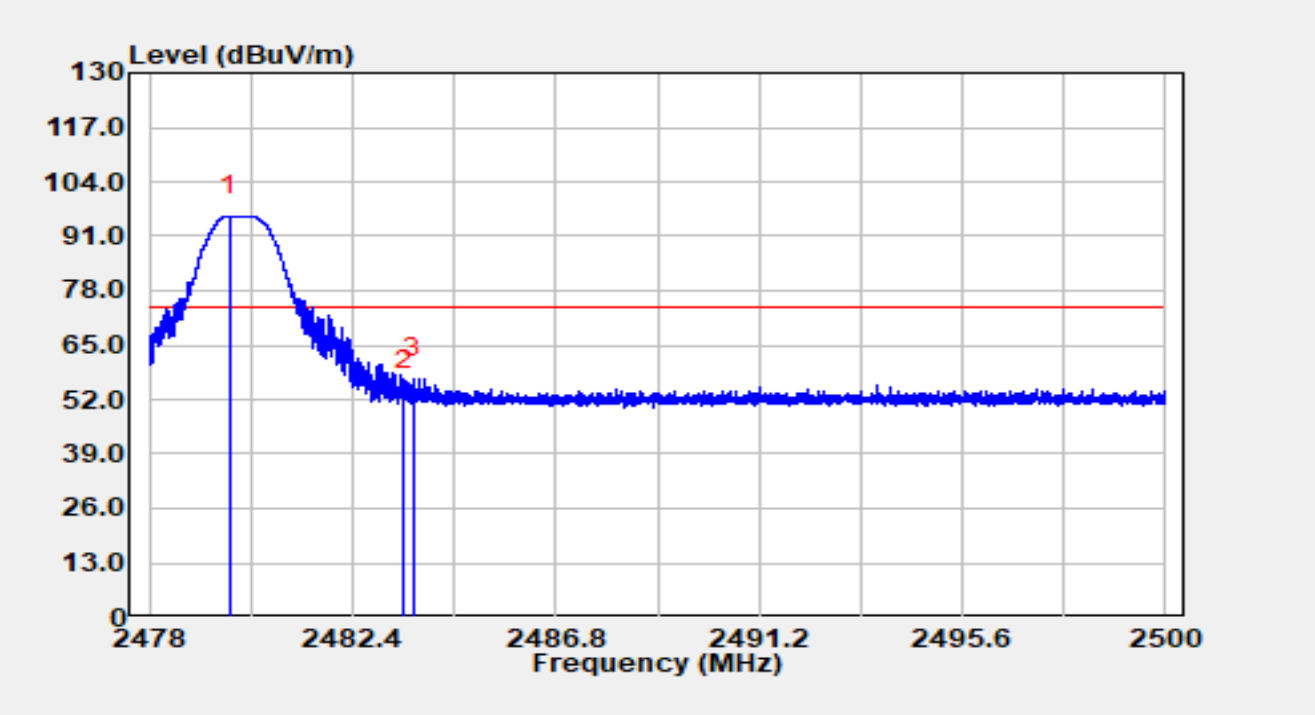


No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2389.563	7.60	29.59	37.19	-16.81	54.00	Average
2		2390.000	5.89	29.59	35.48	-18.52	54.00	Average
3		2402.074	71.10	29.64	100.74	N/A	N/A	Average

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 125K at 2480MHz		

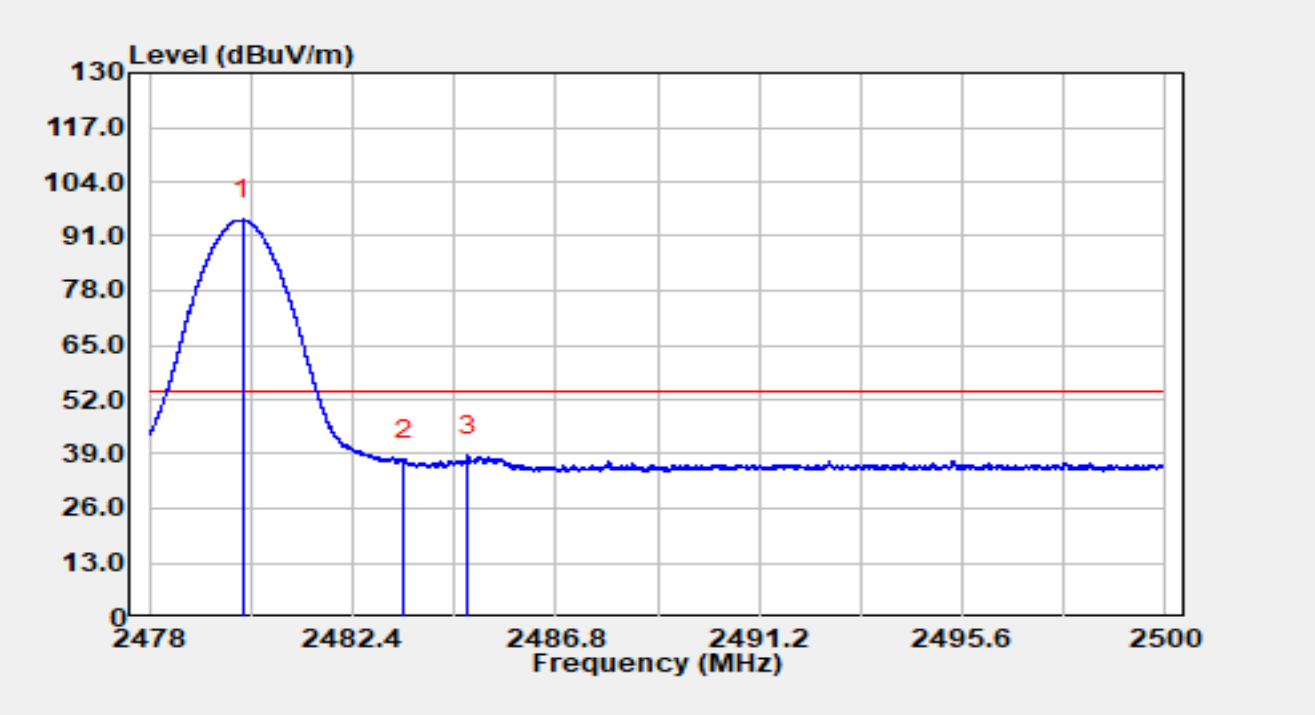


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2479.727	66.09	29.75	95.84	N/A	N/A	Peak
2		2483.500	24.37	29.76	54.13	-19.87	74.00	Peak
3	*	2483.705	27.17	29.76	56.94	-17.06	74.00	Peak

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 125K at 2480MHz		

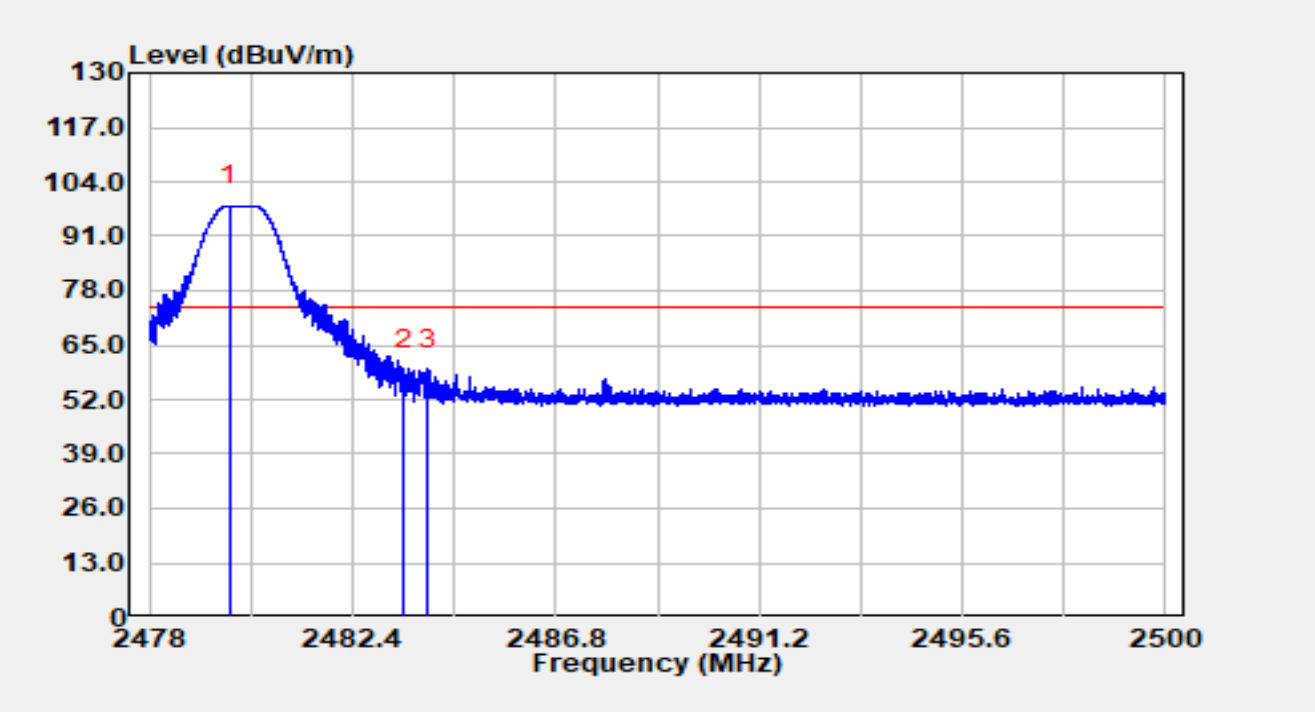


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2480.028	65.18	29.75	94.94	N/A	N/A	Average
2		2483.500	7.79	29.76	37.55	-16.45	54.00	Average
3	*	2484.897	8.80	29.77	38.56	-15.44	54.00	Average

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 125K at 2480MHz		

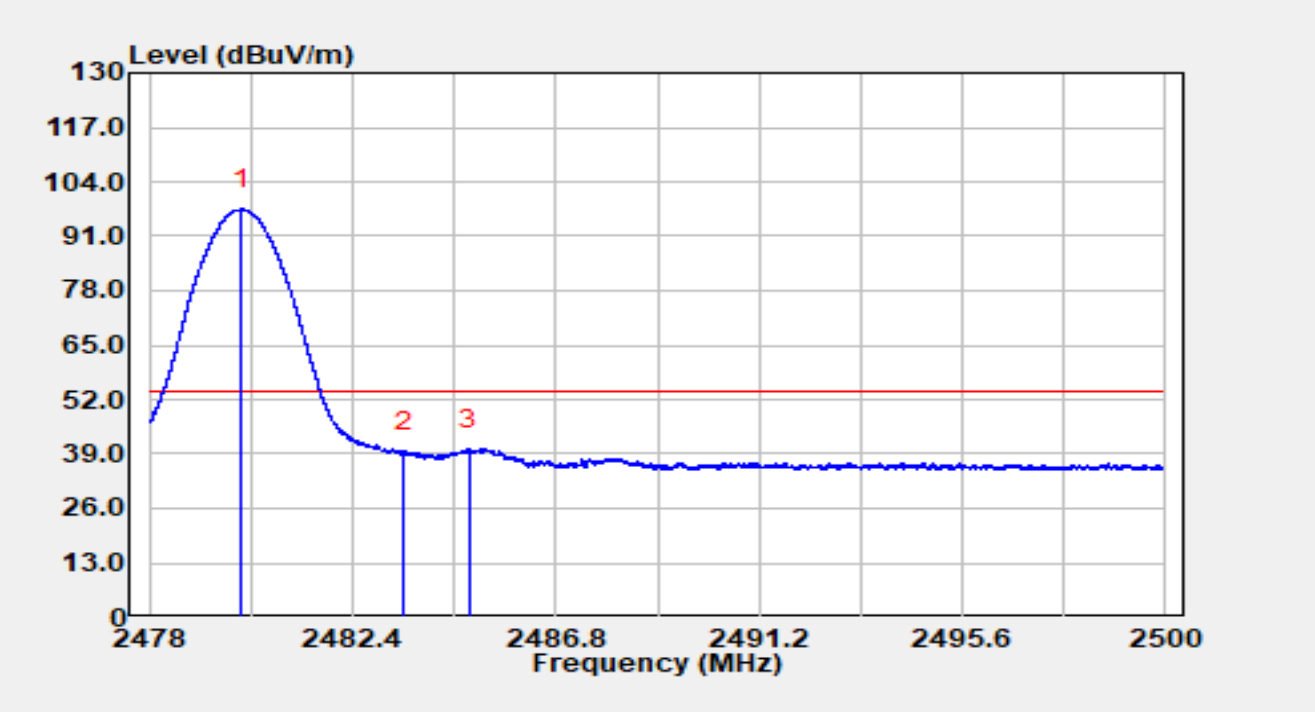


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2479.736	68.58	29.75	98.33	N/A	N/A	Peak
2		2483.500	29.27	29.76	59.04	-14.96	74.00	Peak
3	*	2484.030	29.40	29.77	59.17	-14.83	74.00	Peak

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 125K at 2480MHz		

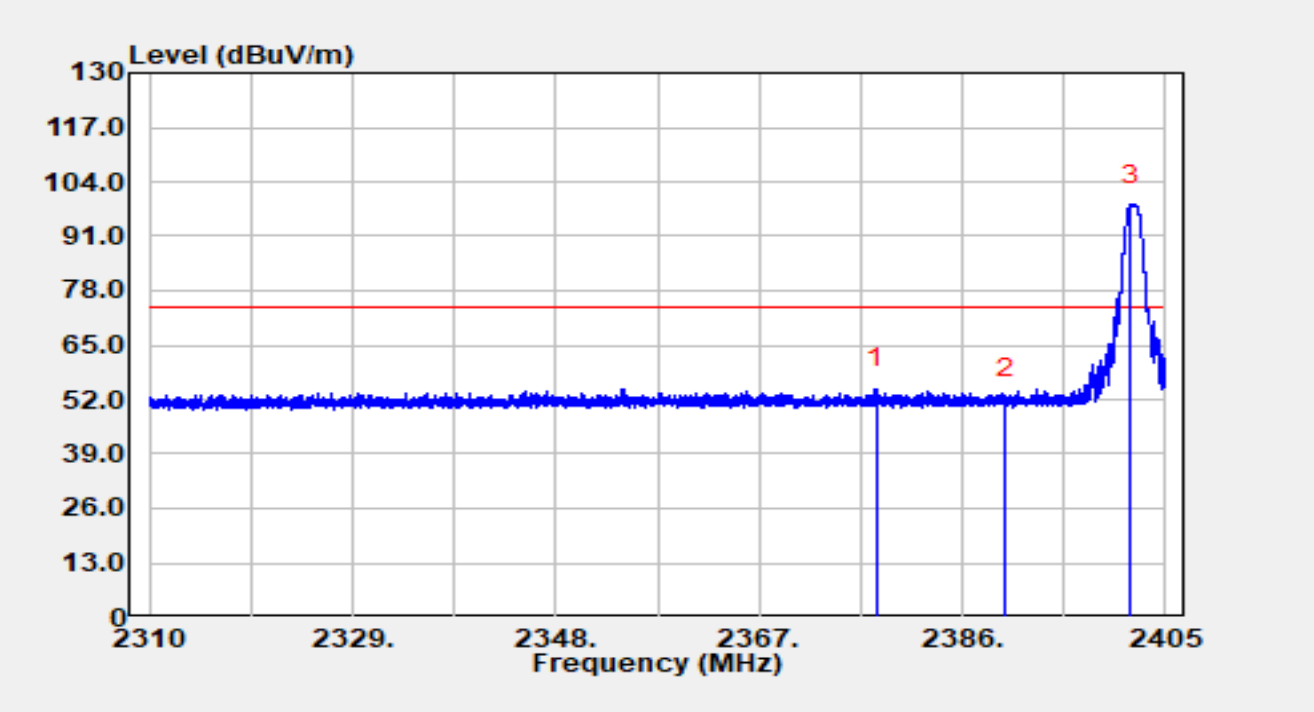


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2480.002	67.71	29.75	97.46	N/A	N/A	Average
2		2483.500	9.76	29.76	39.53	-14.47	54.00	Average
3	*	2484.919	10.42	29.77	40.19	-13.81	54.00	Average

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 500K at 2402MHz		

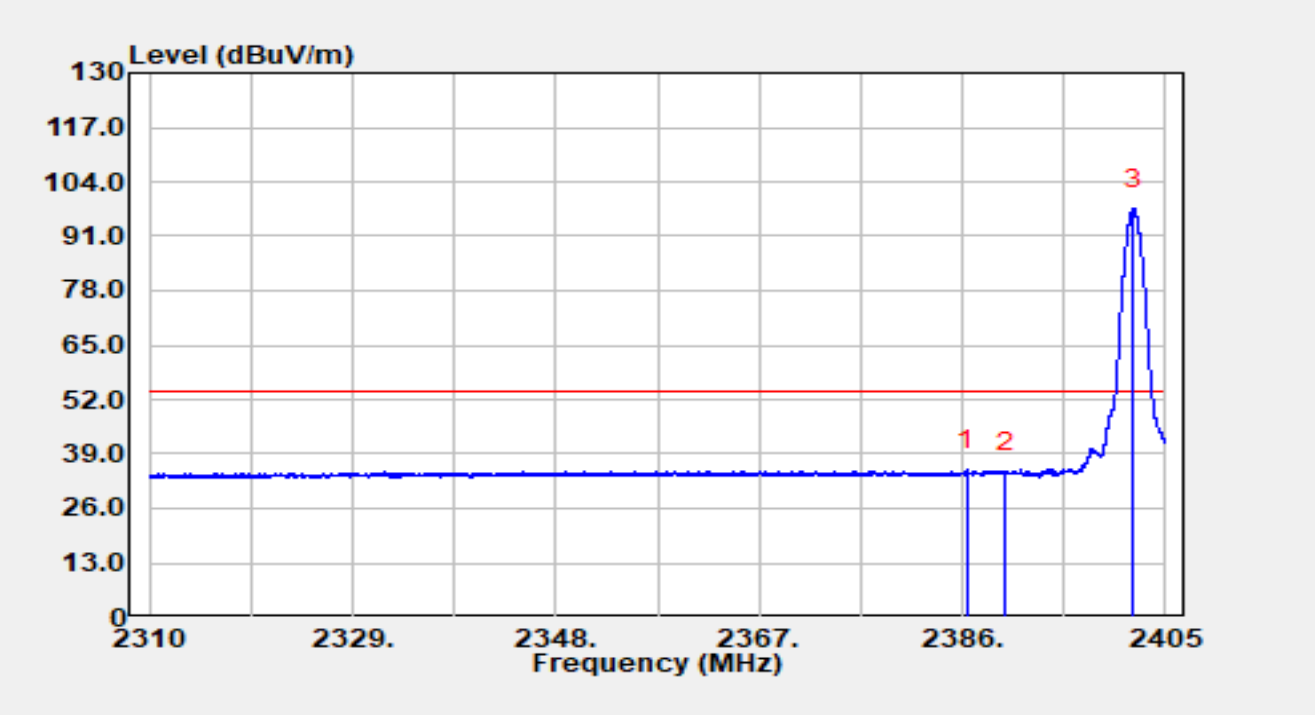


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2377.916	25.10	29.56	54.66	-19.34	74.00	Peak
2		2390.000	22.62	29.59	52.21	-21.79	74.00	Peak
3		2401.760	68.81	29.64	98.45	N/A	N/A	Peak

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 500K at 2402MHz		

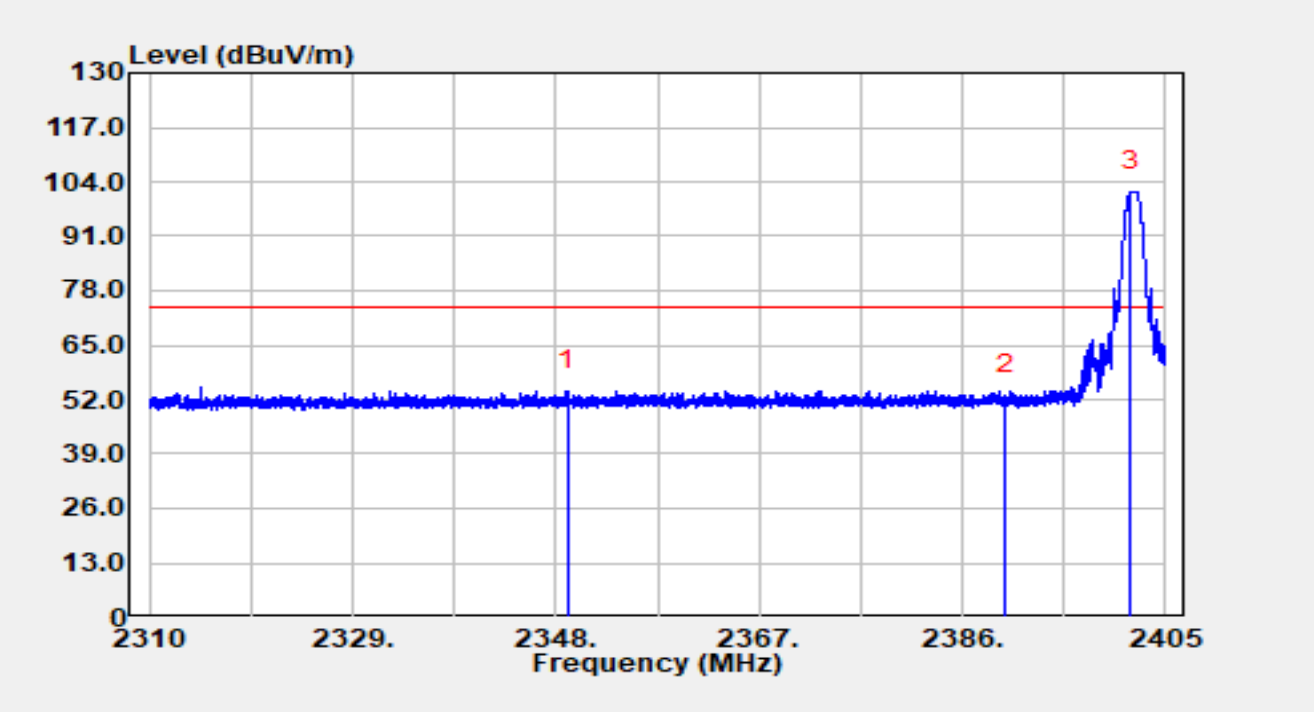


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2386.427	5.51	29.58	35.09	-18.91	54.00	Average
2		2390.000	4.93	29.59	34.52	-19.48	54.00	Average
3		2402.008	67.81	29.64	97.45	N/A	N/A	Average

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 500K at 2402MHz		

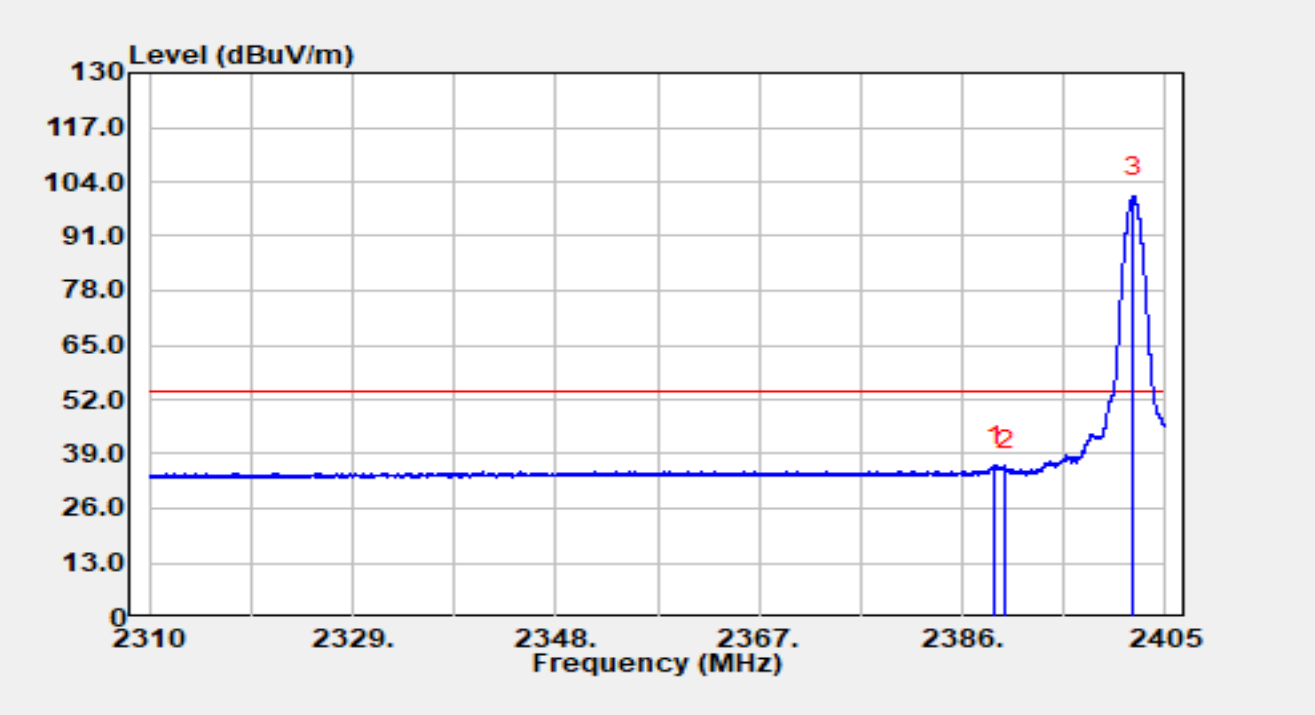


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2349.064	24.57	29.51	54.08	-19.92	74.00	Peak
2		2390.000	23.42	29.59	53.01	-20.99	74.00	Peak
3		2401.741	72.00	29.64	101.64	N/A	N/A	Peak

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 500K at 2402MHz		

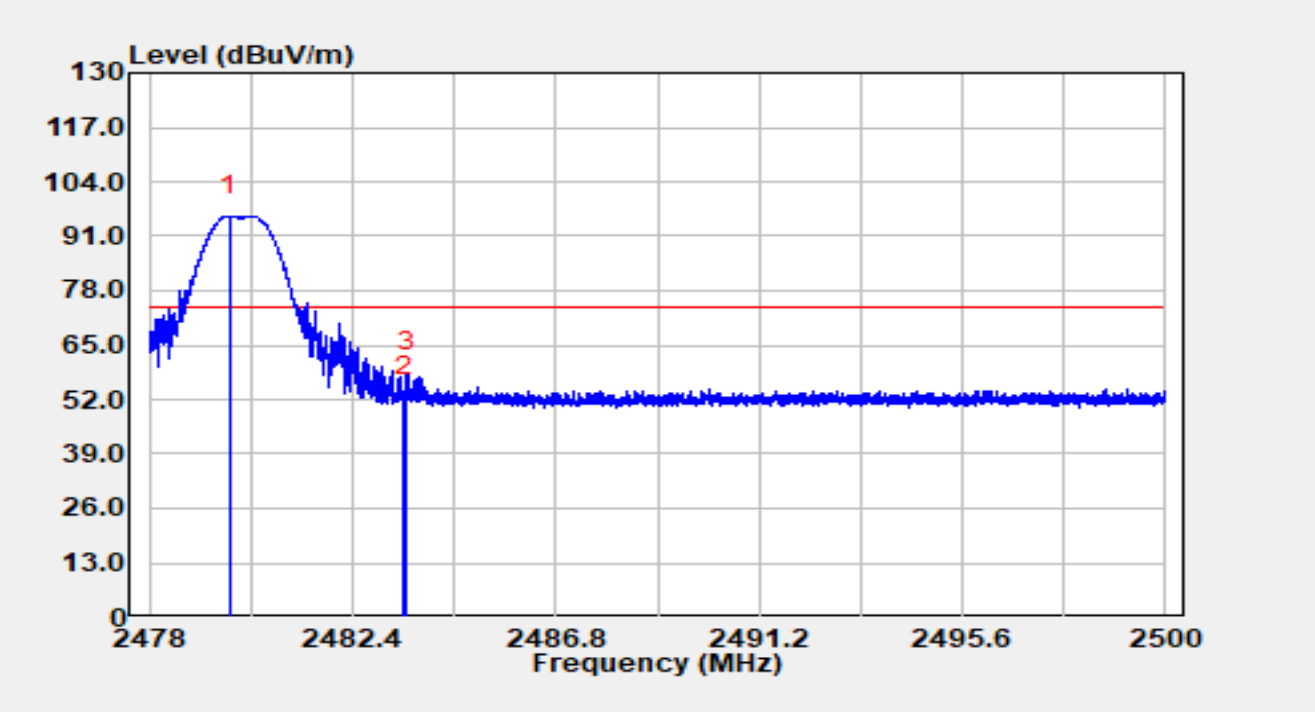


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2389.031	6.51	29.59	36.10	-17.90	54.00	Average
2		2390.000	5.51	29.59	35.11	-18.89	54.00	Average
3		2401.998	70.90	29.64	100.54	N/A	N/A	Average

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 500K at 2480MHz		

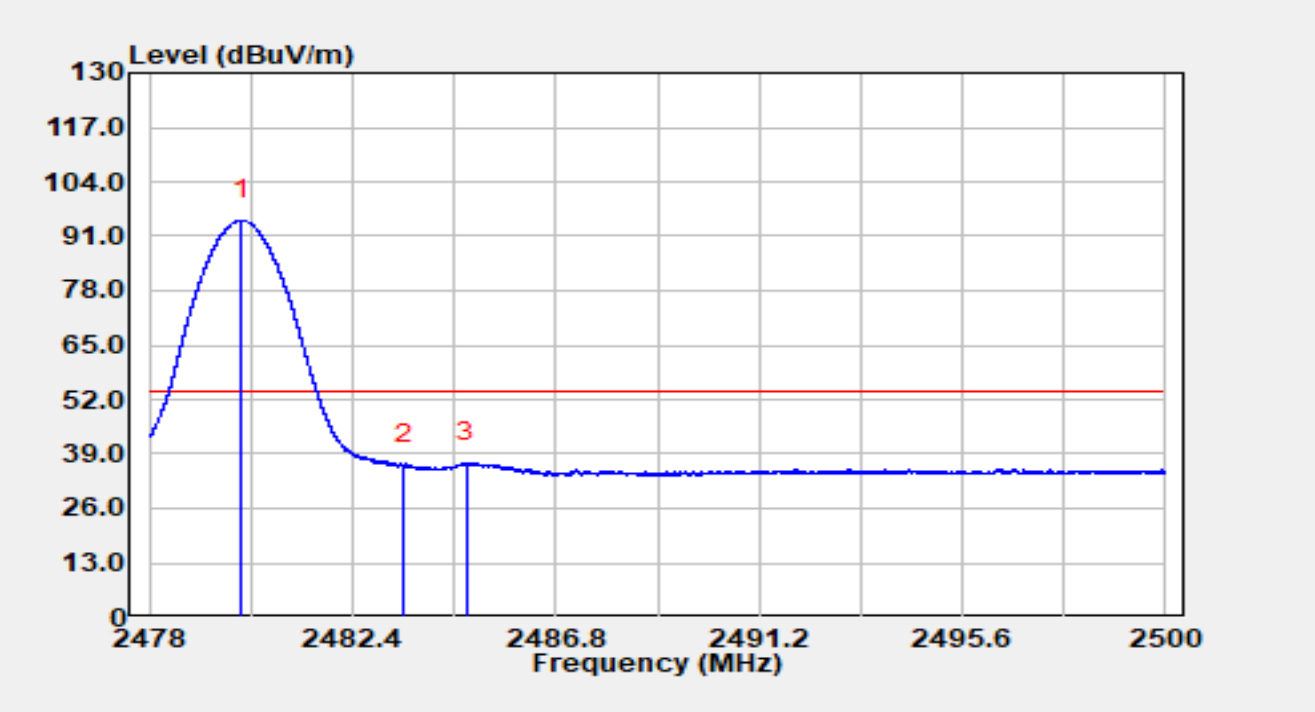


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2479.727	66.07	29.75	95.82	N/A	N/A	Peak
2		2483.500	22.85	29.76	52.61	-21.39	74.00	Peak
3	*	2483.579	28.82	29.76	58.58	-15.42	74.00	Peak

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 500K at 2480MHz		

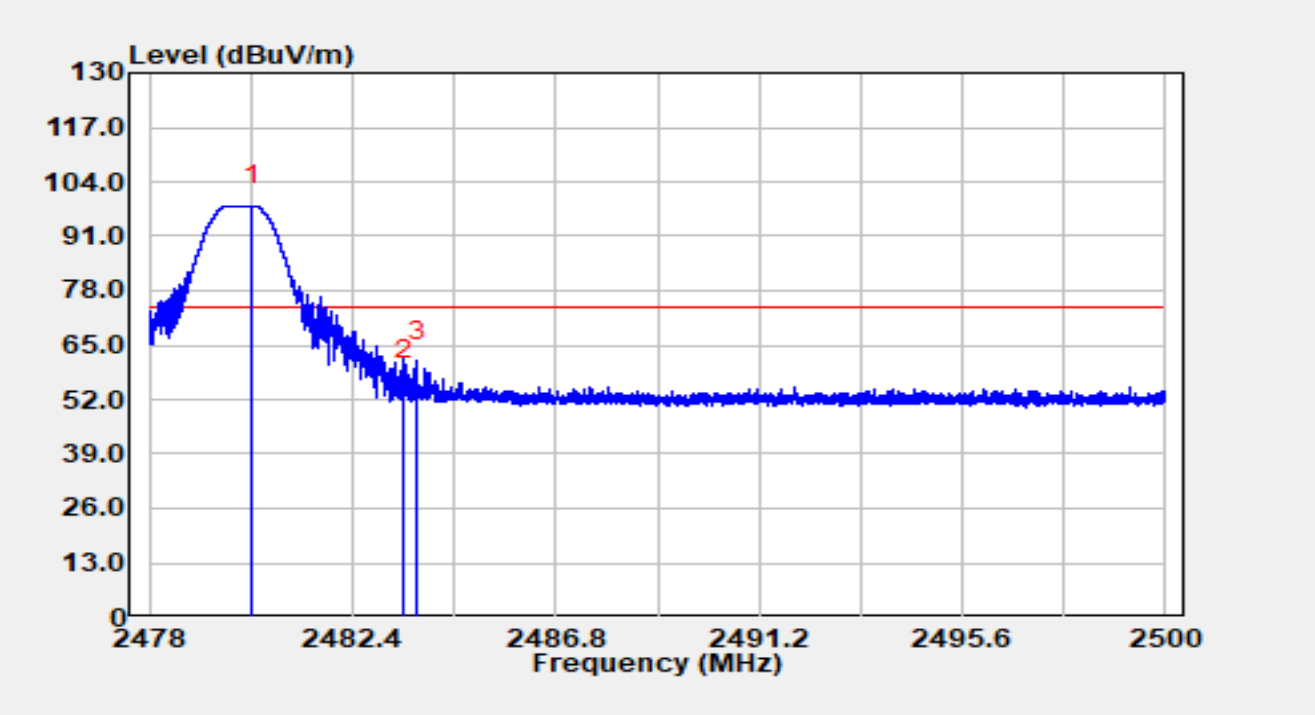


No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2480.006	64.99	29.75	94.74	N/A	N/A	Average
2		2483.500	6.64	29.76	36.40	-17.60	54.00	Average
3	*	2484.873	7.13	29.77	36.90	-17.10	54.00	Average

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 500K at 2480MHz		

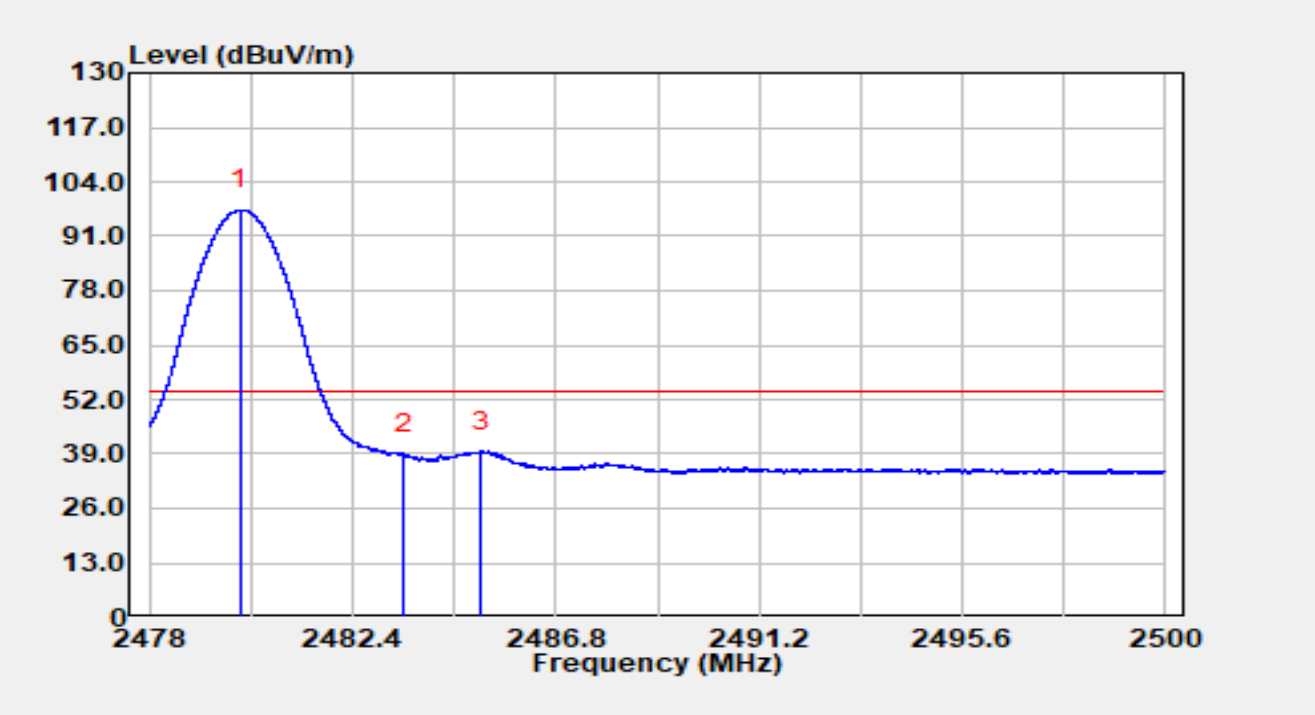


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2480.215	68.56	29.75	98.32	N/A	N/A	Peak
2		2483.500	26.98	29.76	56.74	-17.26	74.00	Peak
3	*	2483.792	31.46	29.77	61.23	-12.77	74.00	Peak

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 500K at 2480MHz		

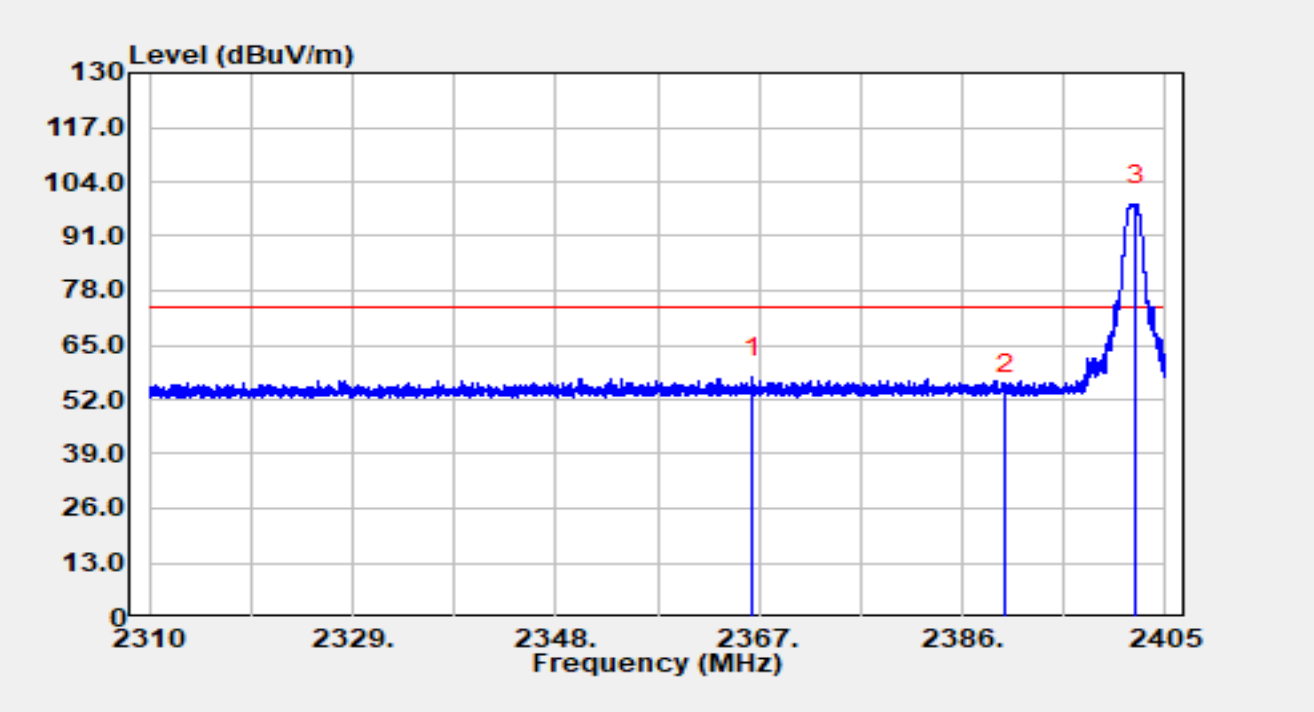


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2479.978	67.52	29.75	97.27	N/A	N/A	Average
2		2483.500	9.05	29.76	38.82	-15.18	54.00	Average
3	*	2485.183	9.93	29.77	39.70	-14.30	54.00	Average

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 1M at 2402MHz		

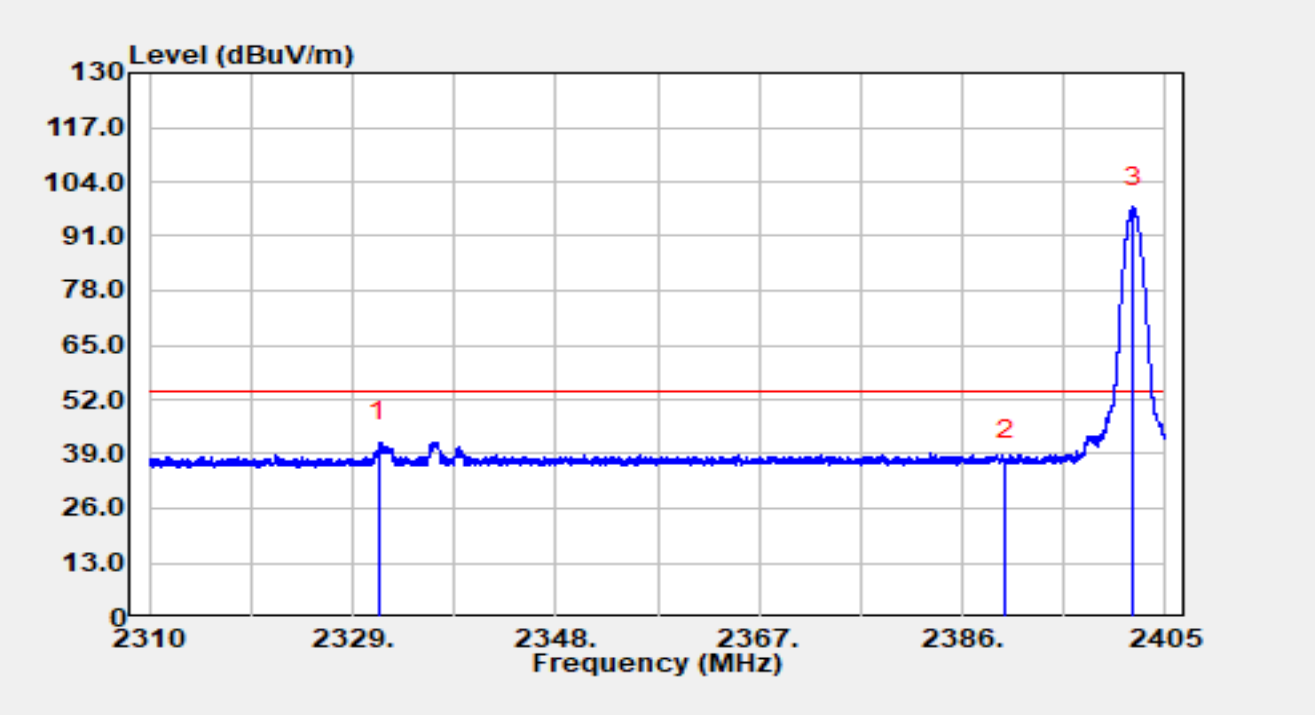


No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2366.344	27.60	29.56	57.16	-16.84	74.00	Peak
2		2390.000	23.67	29.59	53.26	-20.74	74.00	Peak
3		2402.236	68.86	29.64	98.50	N/A	N/A	Peak

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 1M at 2402MHz		

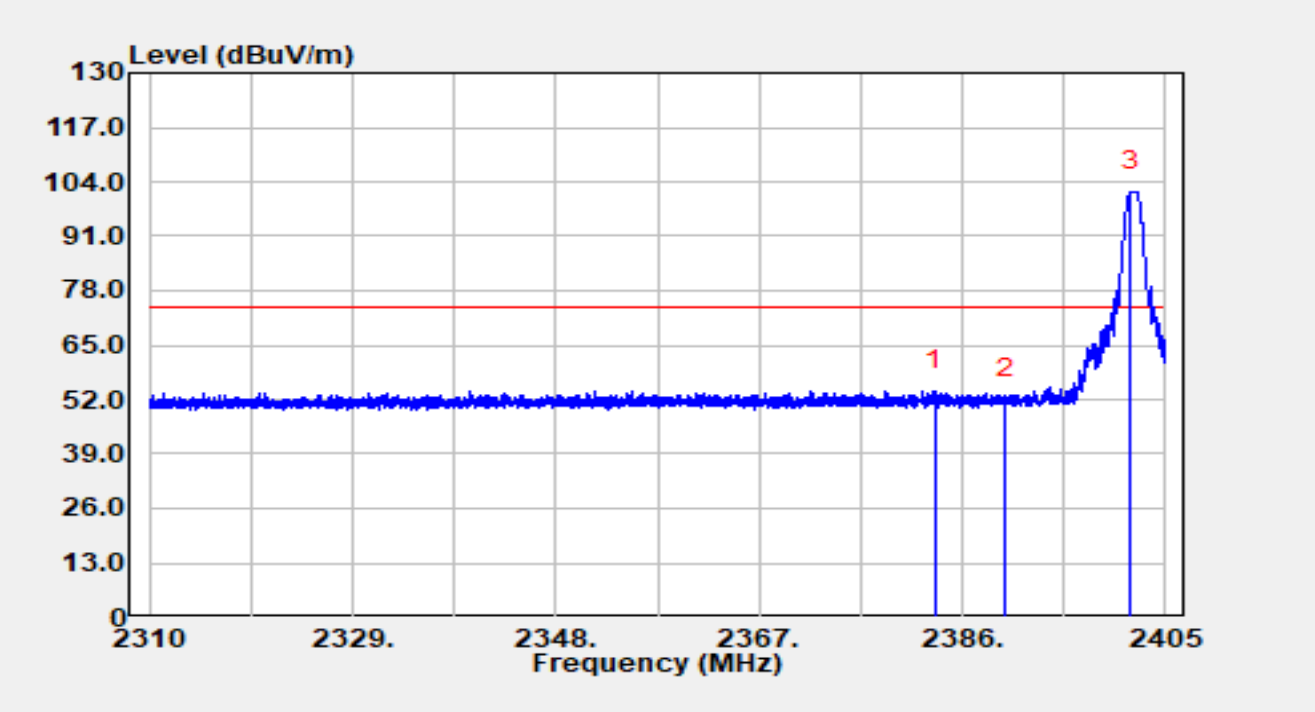


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2331.441	12.35	29.46	41.80	-12.20	54.00	Average
2		2390.000	7.96	29.59	37.55	-16.45	54.00	Average
3		2402.008	68.24	29.64	97.87	N/A	N/A	Average

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 1M at 2402MHz		

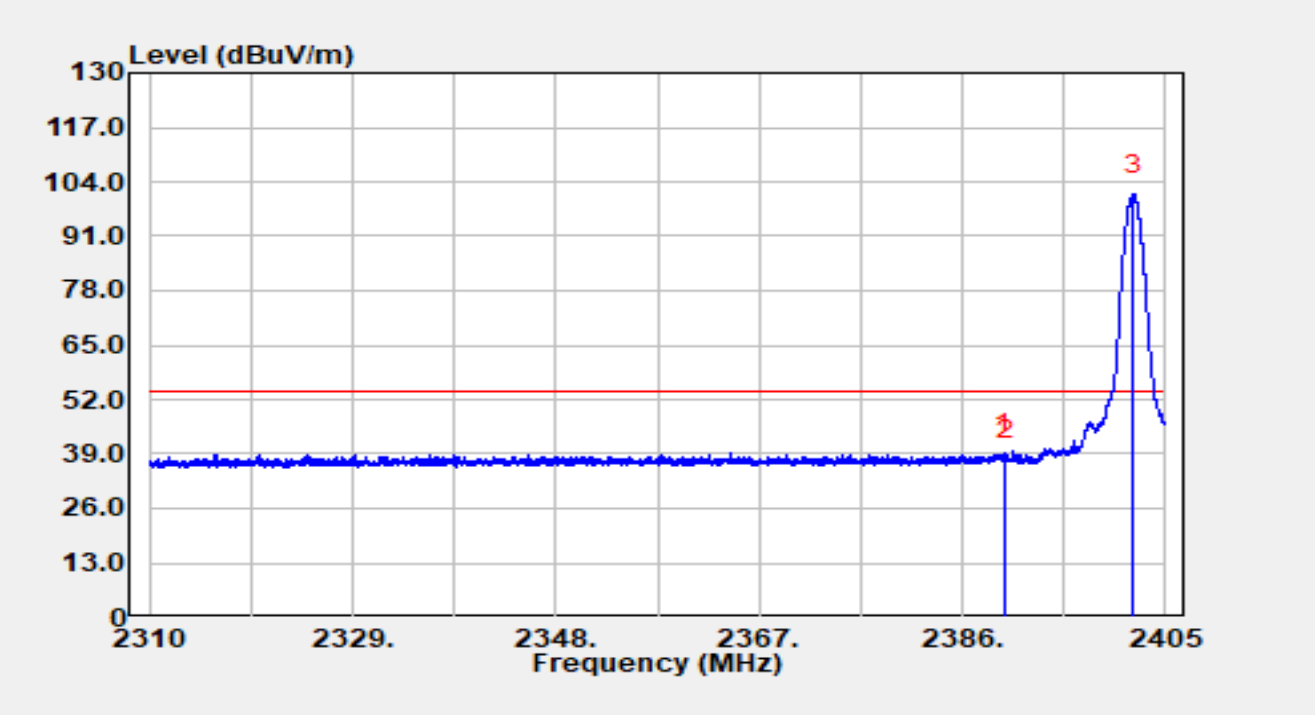


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2383.387	24.62	29.57	54.18	-19.82	74.00	Peak
2		2390.000	22.49	29.59	52.08	-21.92	74.00	Peak
3		2401.741	72.04	29.64	101.68	N/A	N/A	Peak

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 1M at 2402MHz		

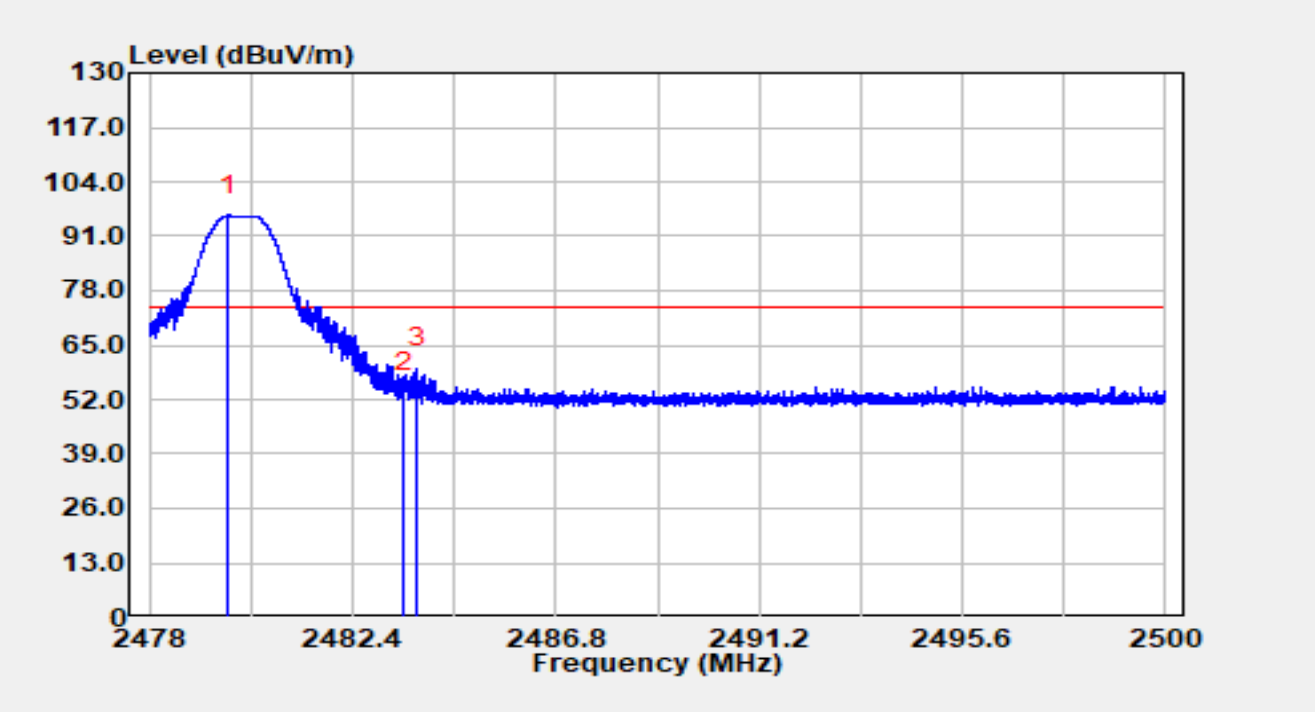


No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2389.885	9.60	29.59	39.19	-14.81	54.00	Average
2		2390.000	8.08	29.59	37.67	-16.33	54.00	Average
3		2402.027	71.18	29.64	100.81	N/A	N/A	Average

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 1M at 2480MHz		

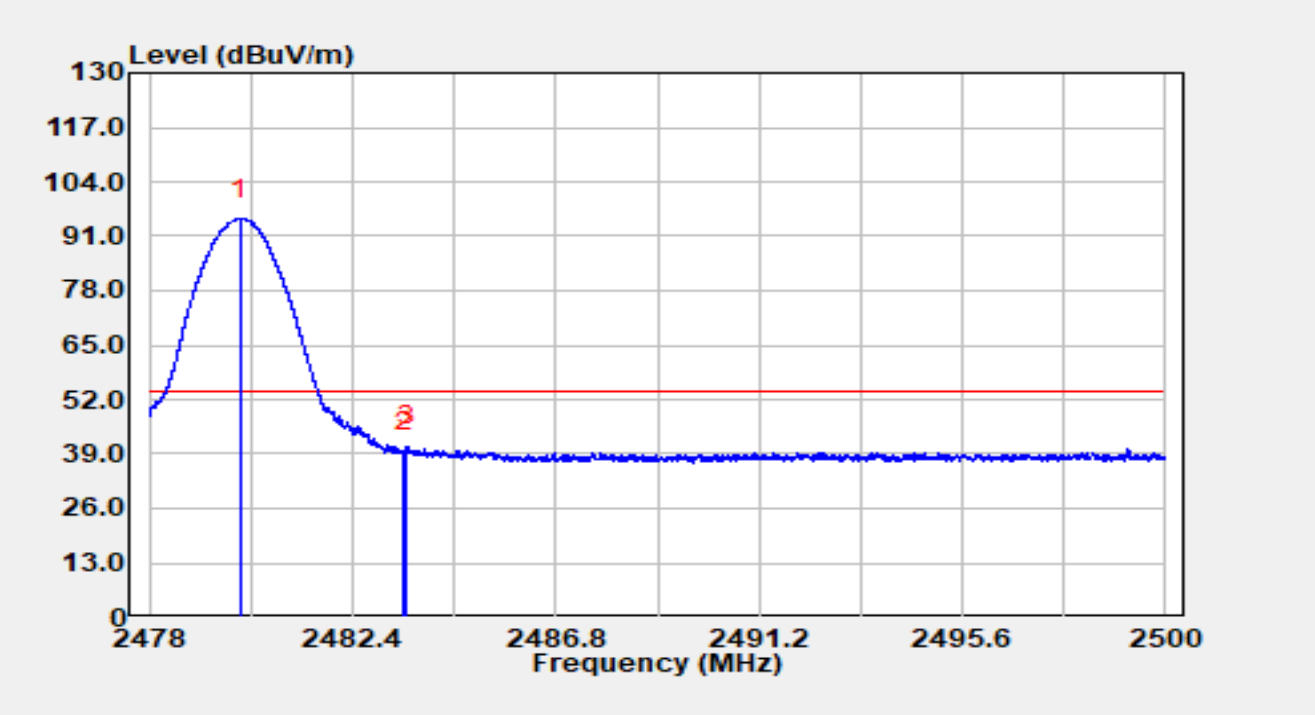


No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2479.718	66.20	29.75	95.95	N/A	N/A	Peak
2		2483.500	23.96	29.76	53.73	-20.27	74.00	Peak
3	*	2483.786	29.66	29.77	59.43	-14.57	74.00	Peak

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 1M at 2480MHz		

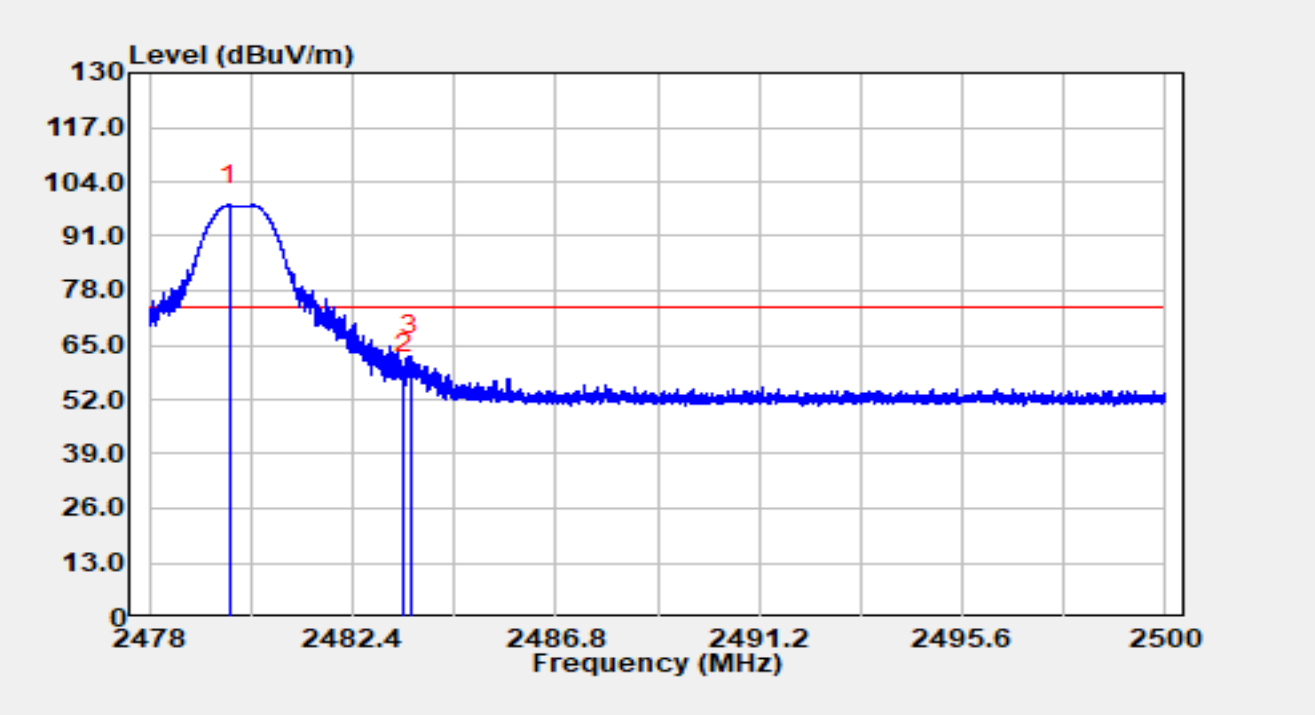


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2479.976	65.37	29.75	95.12	N/A	N/A	Average
2		2483.500	9.73	29.76	39.49	-14.51	54.00	Average
3	*	2483.562	11.15	29.76	40.91	-13.09	54.00	Average

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 1M at 2480MHz		

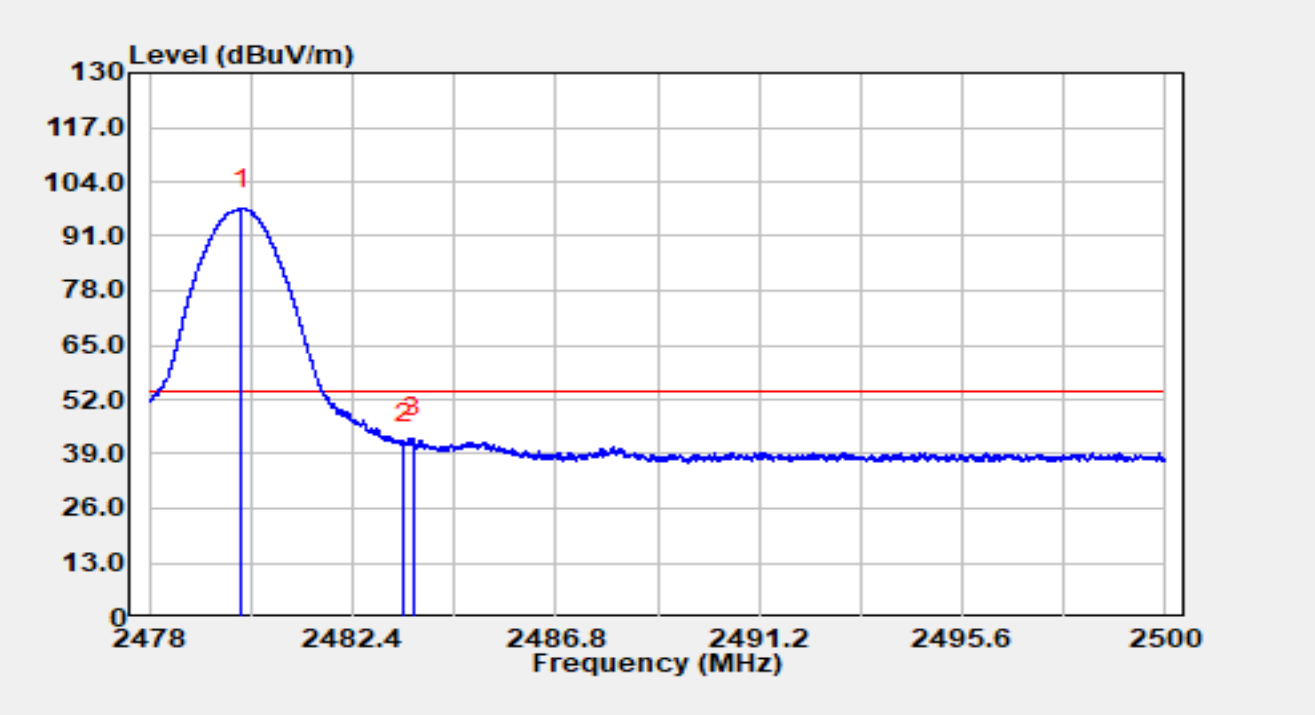


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2479.740	68.65	29.75	98.40	N/A	N/A	Peak
2		2483.500	28.15	29.76	57.91	-16.09	74.00	Peak
3	*	2483.641	32.58	29.76	62.34	-11.66	74.00	Peak

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 1M at 2480MHz		

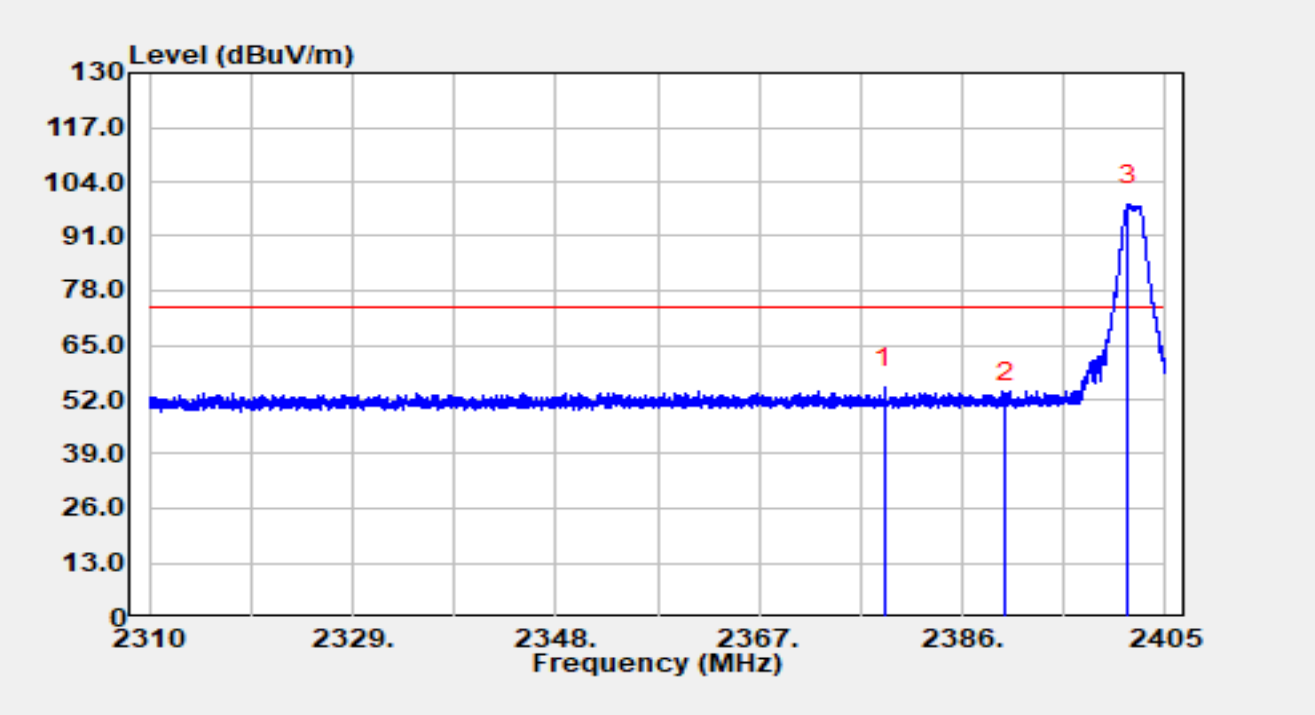


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2480.000	67.84	29.75	97.59	N/A	N/A	Average
2		2483.500	11.80	29.76	41.56	-12.44	54.00	Average
3	*	2483.713	13.11	29.76	42.88	-11.12	54.00	Average

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 2M at 2402MHz		

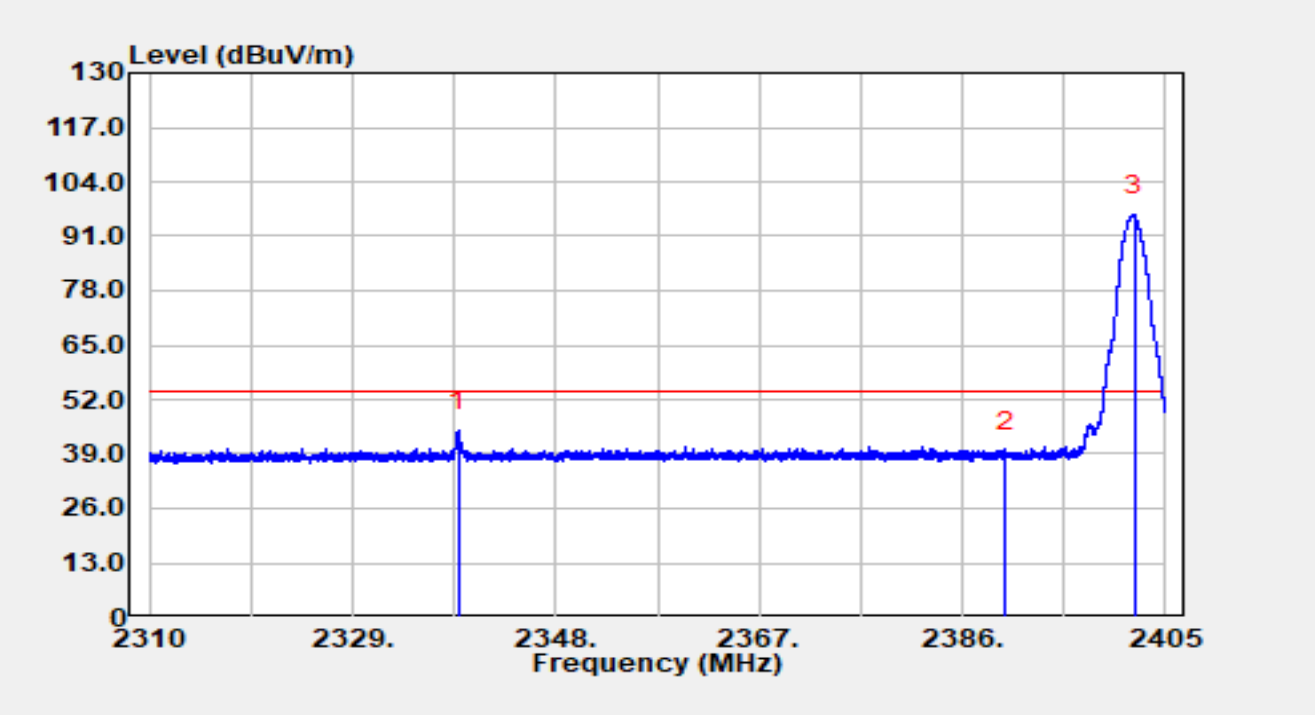


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2378.723	25.14	29.57	54.71	-19.29	74.00	Peak
2		2390.000	21.71	29.59	51.30	-22.70	74.00	Peak
3		2401.494	68.80	29.64	98.44	N/A	N/A	Peak

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 2M at 2402MHz		

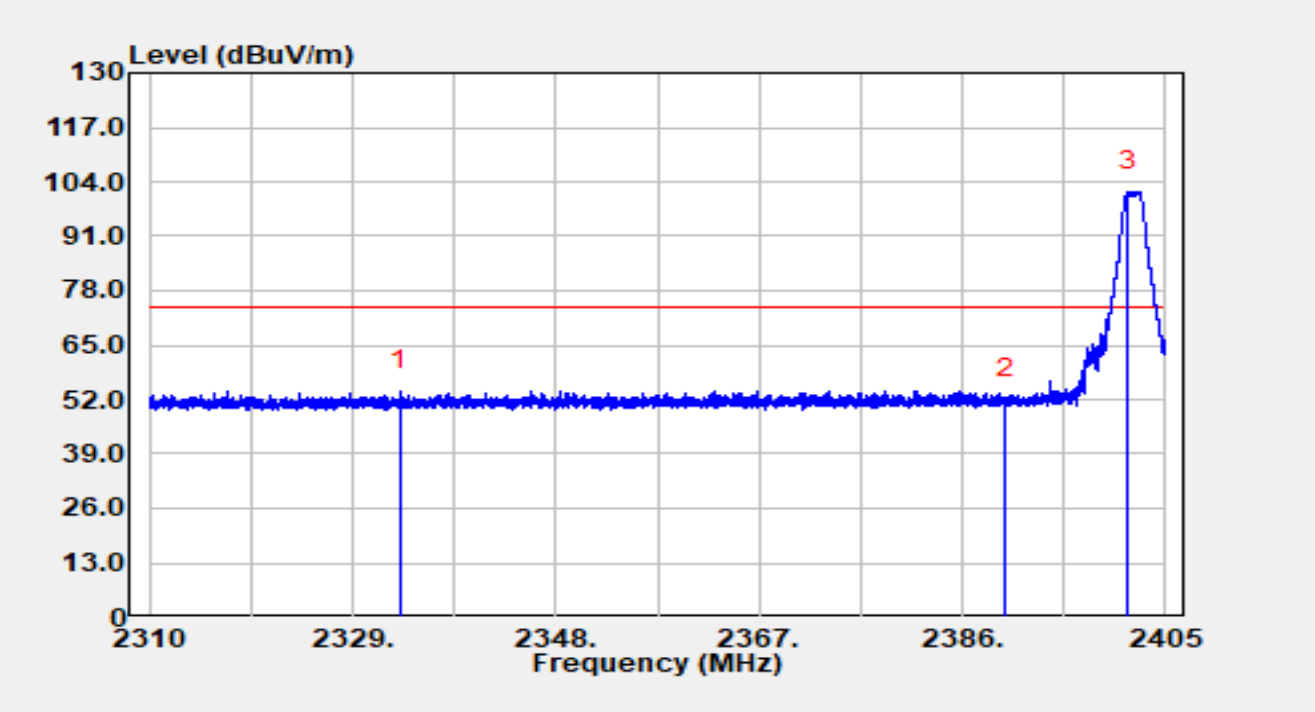


No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2338.861	15.14	29.48	44.62	-9.38	54.00	Average
2		2390.000	9.70	29.59	39.29	-14.71	54.00	Average
3		2402.074	66.48	29.64	96.12	N/A	N/A	Average

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 2M at 2402MHz		

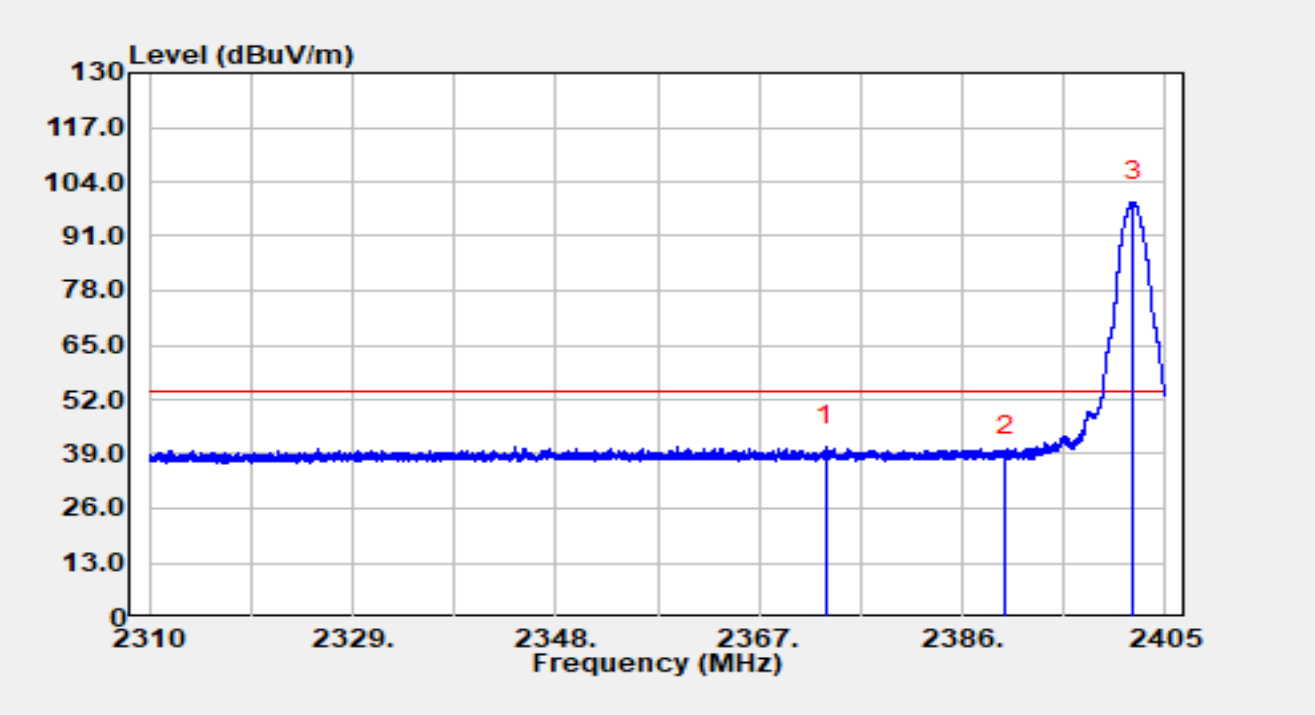


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2333.379	24.73	29.46	54.20	-19.80	74.00	Peak
2		2390.000	22.57	29.59	52.16	-21.84	74.00	Peak
3		2401.494	71.99	29.64	101.63	N/A	N/A	Peak

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 2M at 2402MHz		

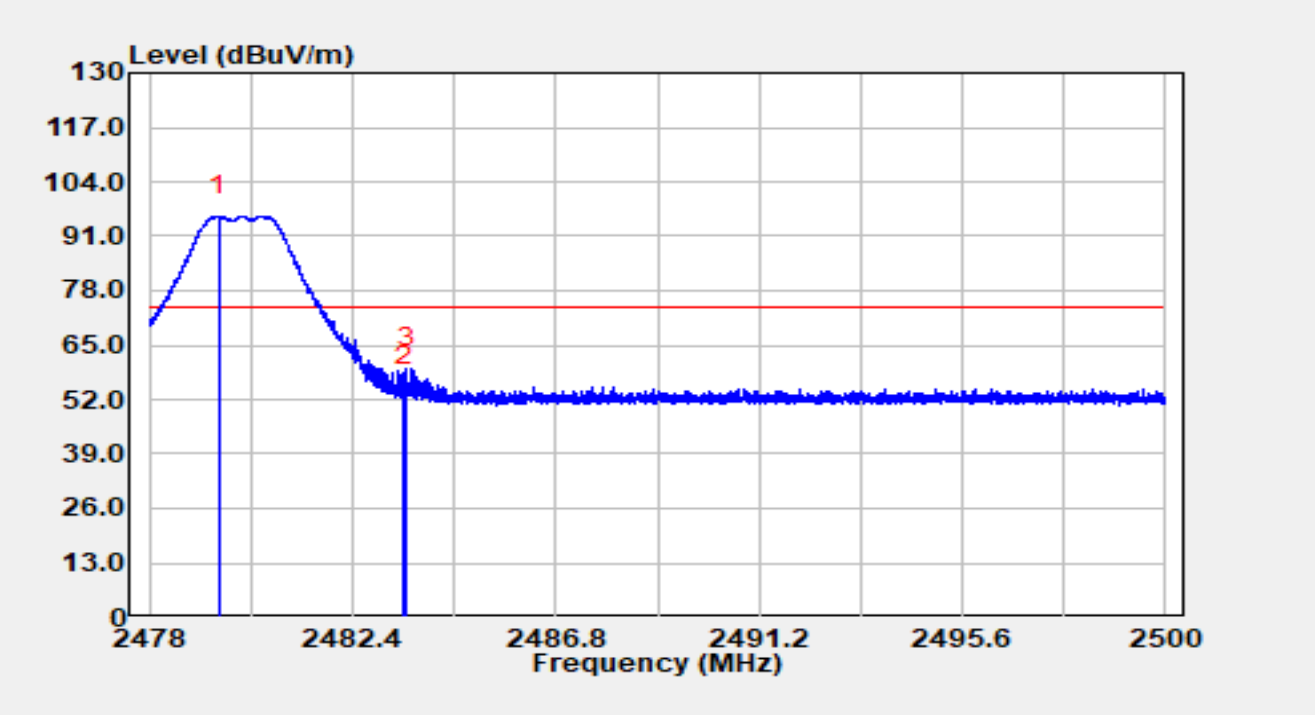


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2373.289	11.20	29.56	40.76	-13.24	54.00	Average
2		2390.000	8.97	29.59	38.57	-15.43	54.00	Average
3		2401.931	69.59	29.64	99.23	N/A	N/A	Average

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 2M at 2480MHz		

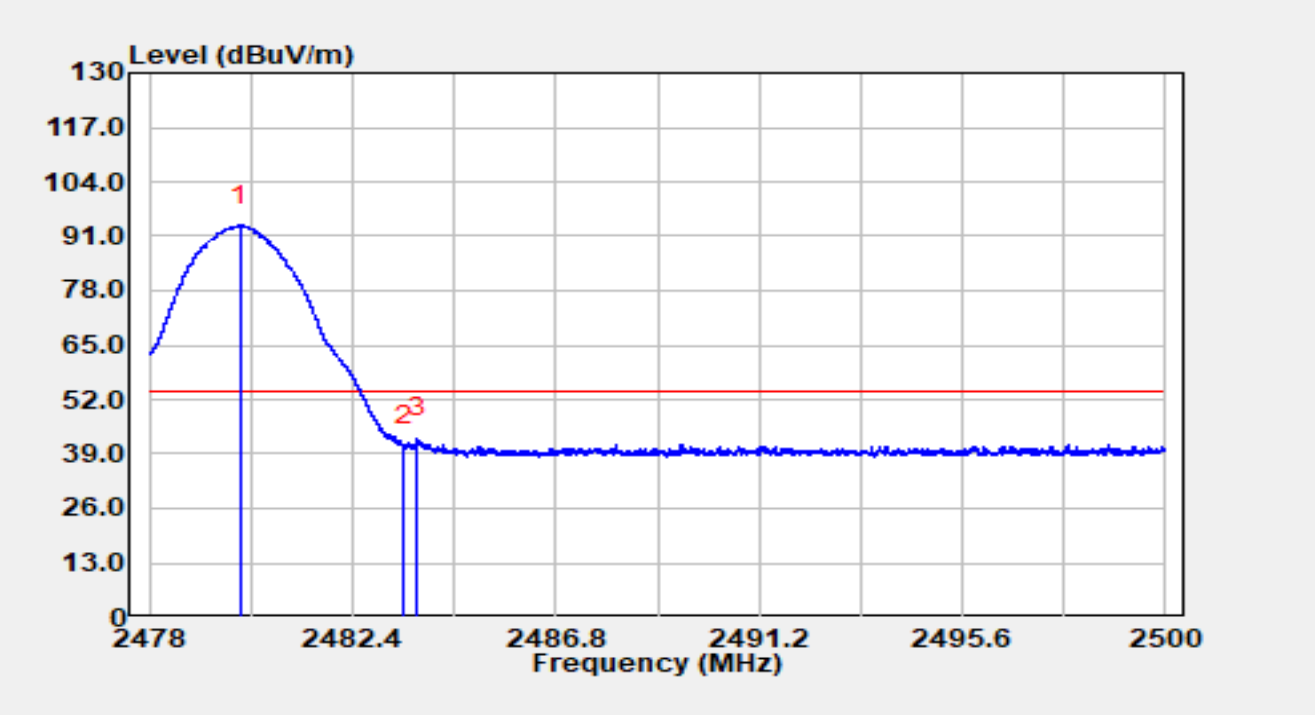


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2479.498	66.08	29.75	95.83	N/A	N/A	Peak
2		2483.500	25.62	29.76	55.39	-18.61	74.00	Peak
3	*	2483.568	29.82	29.76	59.59	-14.41	74.00	Peak

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Horizontal
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 2M at 2480MHz		

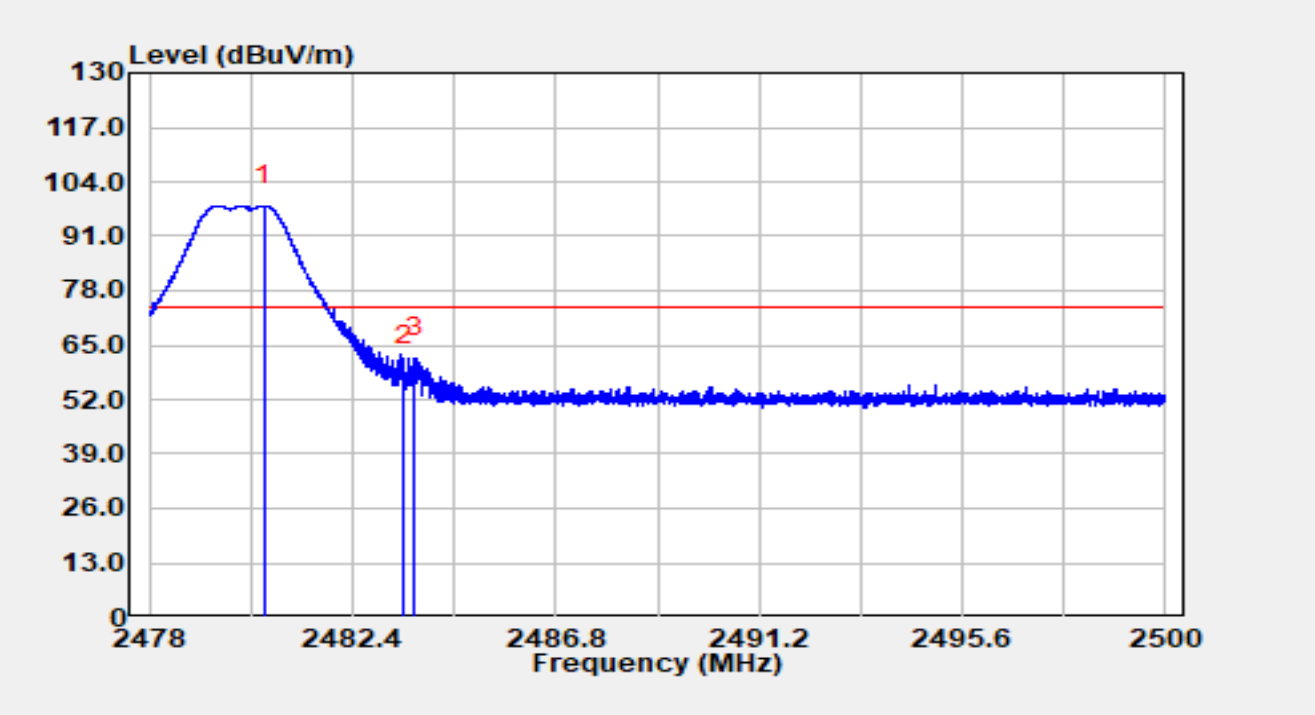


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2479.973	63.78	29.75	93.53	N/A	N/A	Average
2		2483.500	11.29	29.76	41.05	-12.95	54.00	Average
3	*	2483.802	13.01	29.77	42.78	-11.22	54.00	Average

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 2M at 2480MHz		

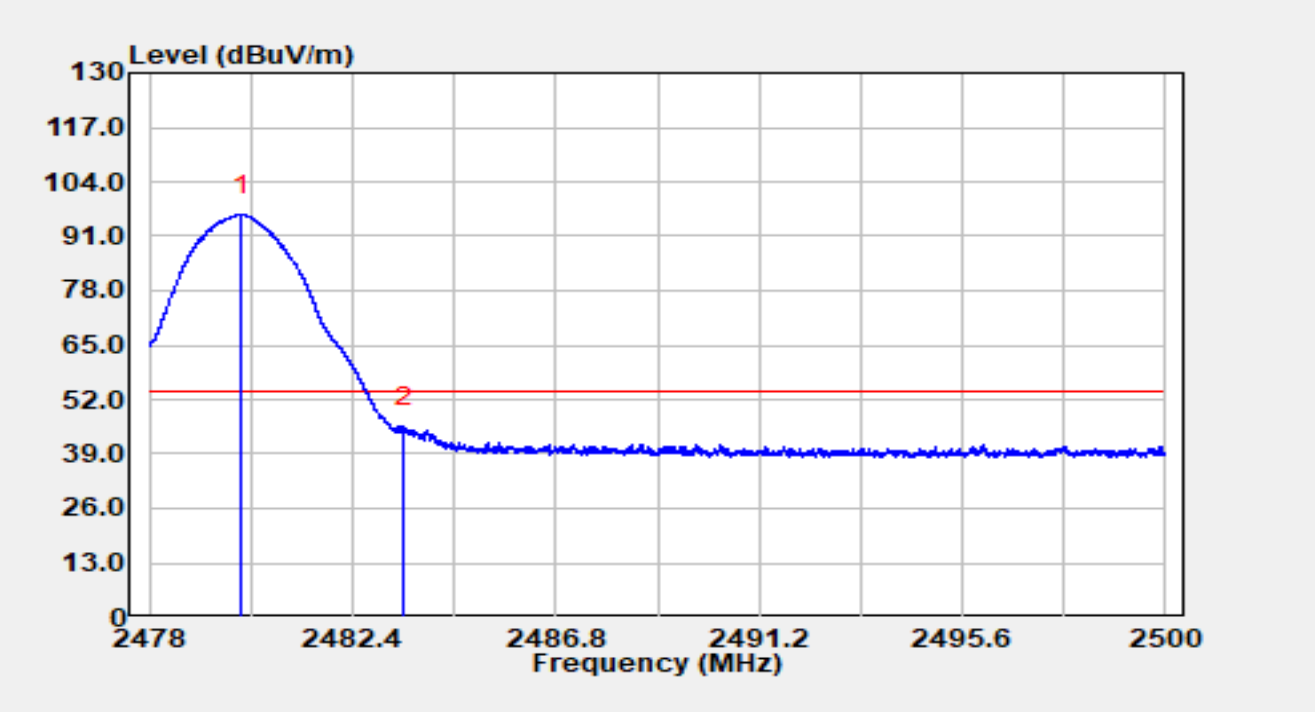


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2480.475	68.55	29.75	98.30	N/A	N/A	Peak
2		2483.500	30.24	29.76	60.01	-13.99	74.00	Peak
3	*	2483.731	32.27	29.76	62.04	-11.96	74.00	Peak

Notes:

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

Site	WJ-AC2	Test Date	2025-04-29
Temperature	21.0 °C	Humidity	51.6 %
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Carl Jiang
Factor	DRH18-E_07105	Polarity	Vertical
EUT	Asset5	Test Voltage	By Battery
Test Mode	Transmit by BLE 2M at 2480MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2479.984	66.35	29.75	96.10	N/A	N/A	Average
2	*	2483.500	15.62	29.76	45.38	-8.62	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).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Appendix B - Test Setup Photograph

Refer to “R25S1046049-UT” file.

Appendix C - EUT Photograph

Refer to “R25S1046049-UE” file.

The End