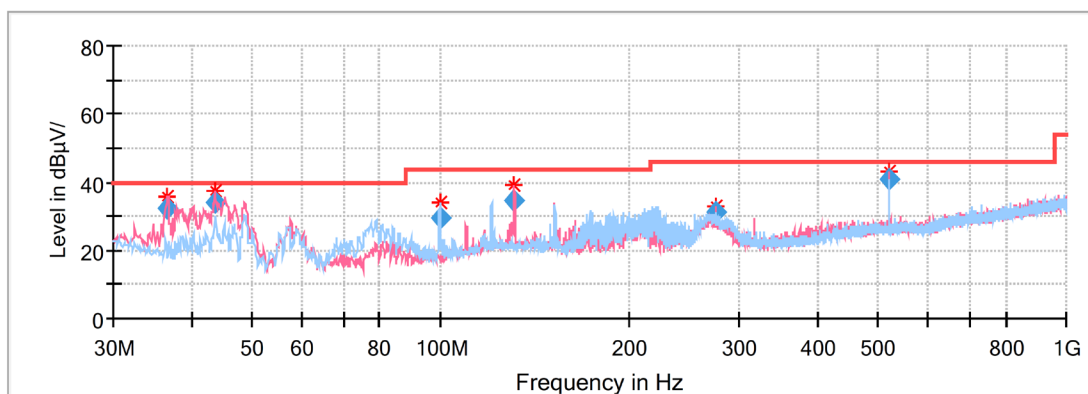


BLE (2 Mbps) (Transmitting in maximum output power BLE (2 Mbps) high channel)
30MHz-1GHz**High Channel: 2480MHz****Common Information**

Project No: RKSA260622001
EUT Model: SRP2504A
Test Mode: Transmitting in BLE 2M High channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESCI, JB3, 310N
Receiver Setting: RBW: 100 kHz, VBW: 300 kHz, Sweep Time: Auto
Temperature: 23.1°C
Humidity: 54%
Barometric Pressure: 100.6kPa
Test Engineer: Scarf Yang
Check by: Winnie Yang
Test Date: 2026/7/8

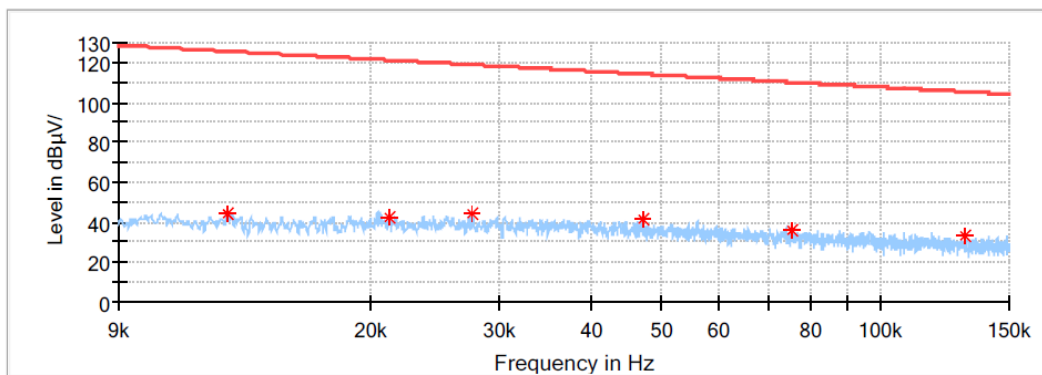
**Final Result**

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
36.668750	32.44	40.00	7.56	V	-14.8
43.580000	33.85	40.00	6.15	V	-18.2
99.840000	29.63	43.50	13.87	H	-14.1
131.122500	34.86	43.50	8.64	V	-10.9
275.046250	31.14	46.00	14.86	V	-10.6
522.032500	40.82	46.00	5.18	V	-4.7

Configuration 2

BLE Mode:**9kHz-150kHz:** Transmitting in maximum output power mode BLE 2Mbps high channel**Parallel(worst case)****High Channel: 2480MHz****Common Information**

Project No:	RKSA260622001
EUT Model:	SRP2504A
Test Mode:	Transmitting in BLE 2M High channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment:	ESCI, 1313-1A, 310N
Receiver Setting:	RBW: 200 Hz, VBW: 1 kHz, Sweep Time: Auto
Temperature:	23.1 °C
Humidity:	54%
Barometric Pressure:	100.6 kPa
Test Engineer:	Scarf Yang
Check by:	Winnie Yang
Test Date:	2026/7/8

**Critical_Freqs**

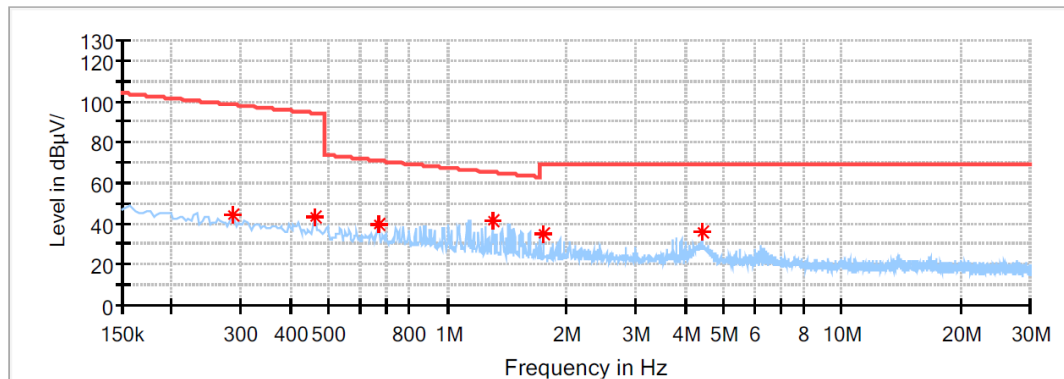
Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
0.012701	44.04	125.49	81.45	Parallel	-0.2
0.021126	42.87	121.10	78.23	Parallel	-0.1
0.027524	44.10	118.81	74.71	Parallel	0.0
0.047088	41.23	114.14	72.91	Parallel	-2.8
0.075446	36.01	110.05	74.04	Parallel	-6.2
0.130507	33.06	105.30	72.23	Parallel	-9.8

150kHz-30MHz: Transmitting in maximum output power mode BLE 2Mbps high channel
Parallel(worst case)

High Channel: 2480MHz

Common Information

Project No:	RKSA260622001
EUT Model:	SRP2504A
Test Mode:	Transmitting in BLE 2M High channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment:	ESCI, 1313-1A, 310N
Receiver Setting:	RBW: 9kHz, VBW: 30 kHz, Sweep Time: Auto
Temperature:	23.1°C
Humidity:	54%
Barometric Pressure:	100.6kPa
Test Engineer:	Scarf Yang
Check by:	Winnie Yang
Test Date:	2026/7/8

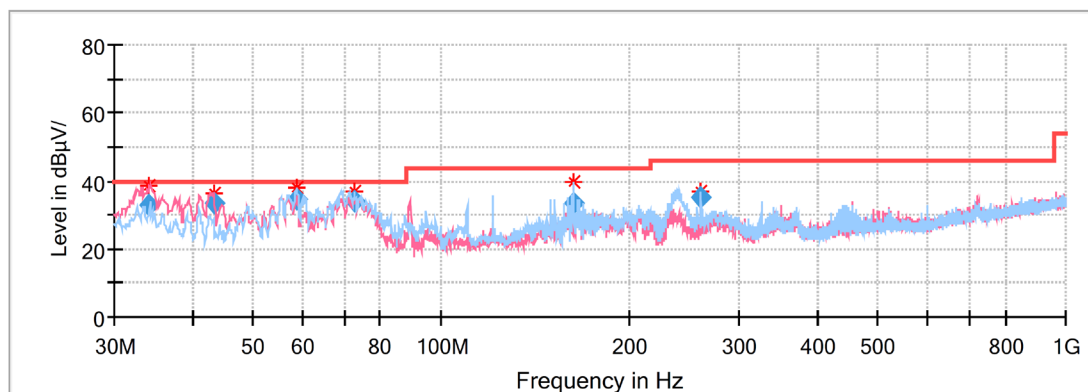


Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
0.284325	43.83	98.39	54.56	Parallel	-16.4
0.463425	43.01	94.26	51.25	Parallel	-20.9
0.668644	39.63	70.94	31.30	Parallel	-23.8
1.302956	41.66	65.16	23.50	Parallel	-28.1
1.746975	34.97	69.54	34.57	Parallel	-29.6
4.433475	35.85	69.54	33.69	Parallel	-31.3

BLE (2 Mbps) (Transmitting in maximum output power BLE (2 Mbps) high channel)
30MHz-1GHz**High Channel: 2480MHz****Common Information**

Project No:	RKSA260622001
EUT Model:	SRP2504A
Test Mode:	Transmitting in BLE 2M High channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment:	ESCI, JB3, 310N
Receiver Setting:	RBW: 100 kHz, VBW: 300 kHz, Sweep Time: Auto
Temperature:	23.1°C
Humidity:	54%
Barometric Pressure:	100.6kPa
Test Engineer:	Scarf Yang
Check by:	Winnie Yang
Test Date:	2026/7/8

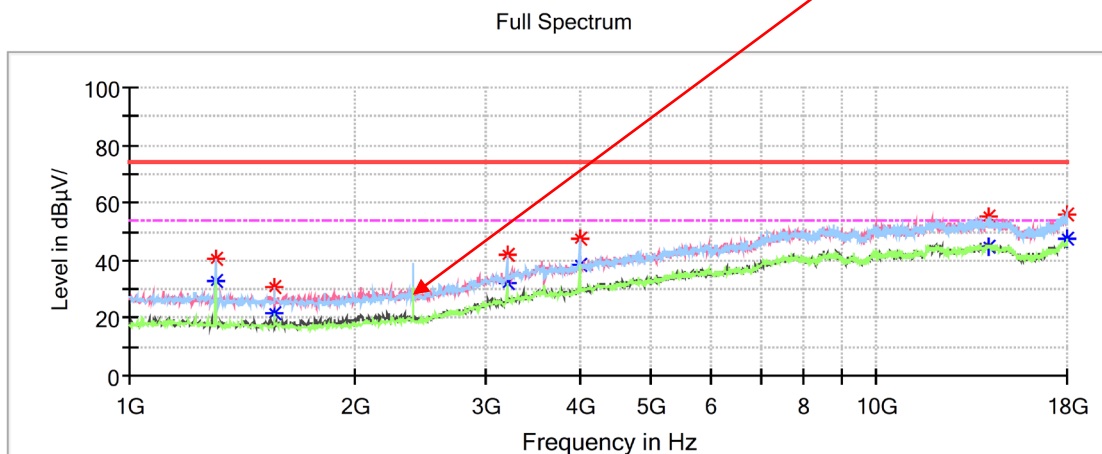
**Final Result**

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
34.122500	32.77	40.00	7.23	V	-7.6
43.216250	33.34	40.00	6.66	V	-12.8
58.736250	34.36	40.00	5.64	H	-17.0
72.801250	33.88	40.00	6.12	H	-16.5
162.647500	33.69	43.50	9.81	H	-12.0
260.981250	35.39	46.00	10.61	H	-11.7

BLE (2 Mbps)
1GHz-18GHz:
Low Channel: 2402MHz
Common Information

Project No.:	RKSA260622001
EUT Model:	SRP2504A
Test Mode:	Transmitting in BLE-2M Low Channel
Standard:	FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	24.6℃
Humidity:	47%
Atmospheric Pressure:	100.6kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/7/15

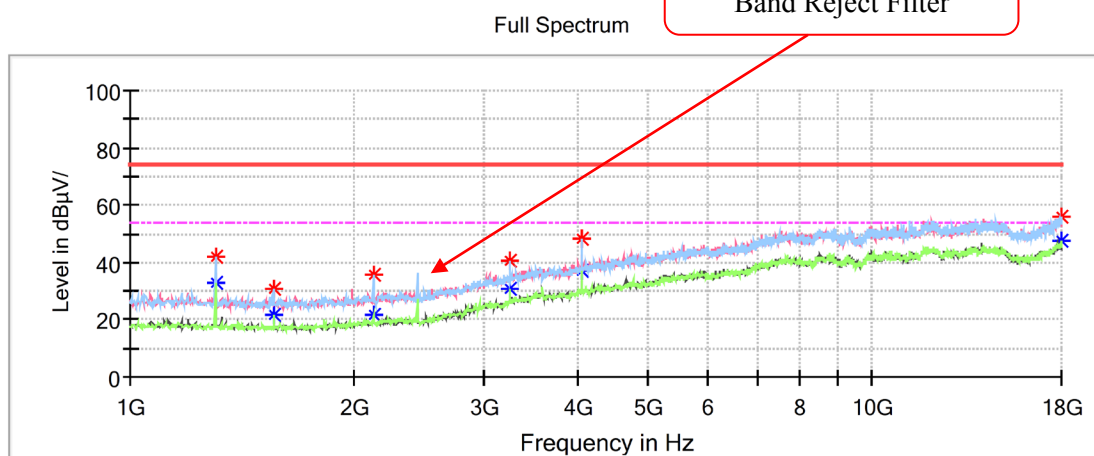
Fundamental Test with
Band Reject Filter


Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1302.600000	40.74	---	74.00	33.26	H	-14.9
1302.600000	---	33.14	54.00	20.86	H	-14.9
1564.400000	30.96	---	74.00	43.04	H	-13.8
1564.400000	---	21.56	54.00	32.44	H	-13.8
3199.800000	42.22	---	74.00	31.78	H	-7.6
3199.800000	---	32.24	54.00	21.76	H	-7.6
4002.200000	47.68	---	74.00	26.32	H	-4.9
4002.200000	---	38.21	54.00	15.79	H	-4.9
14161.400000	---	45.01	54.00	8.99	V	10.8
14161.400000	55.16	---	74.00	18.84	V	10.8
17993.200000	---	47.34	54.00	6.66	H	13.8
17993.200000	55.98	---	74.00	18.02	H	13.8

Middle Channel: 2440MHz**Common Information**

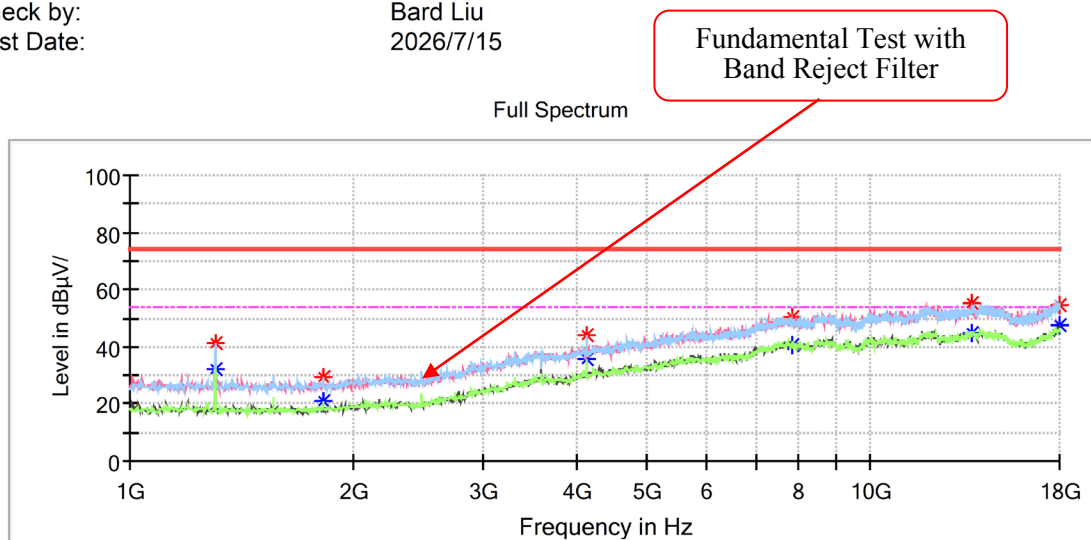
Project No.: RKSA260622001
EUT Model: SRP2504A
Test Mode: Transmitting in BLE-2M Middle Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6℃
Humidity: 47%
Atmospheric Pressure: 100.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/7/15

**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1302.600000	41.80	---	74.00	32.20	V	-14.9
1302.600000	---	32.76	54.00	21.24	V	-14.9
1564.400000	30.89	---	74.00	43.11	H	-13.8
1564.400000	---	22.00	54.00	32.00	H	-13.8
2125.400000	35.75	---	74.00	38.25	H	-11.3
2125.400000	---	21.49	54.00	32.51	H	-11.3
3250.800000	40.21	---	74.00	33.79	H	-7.3
3250.800000	---	30.85	54.00	23.15	H	-7.3
4066.800000	48.08	---	74.00	25.92	H	-4.9
4066.800000	---	36.89	54.00	17.11	H	-4.9
17993.200000	---	47.34	54.00	6.66	H	13.8
17993.200000	55.81	---	74.00	18.19	H	13.8

High Channel: 2480MHz**Common Information**

Project No.: RKSA260622001
EUT Model: SRP2504A
Test Mode: Transmitting in BLE-2M High Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6℃
Humidity: 47%
Atmospheric Pressure: 100.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/7/15

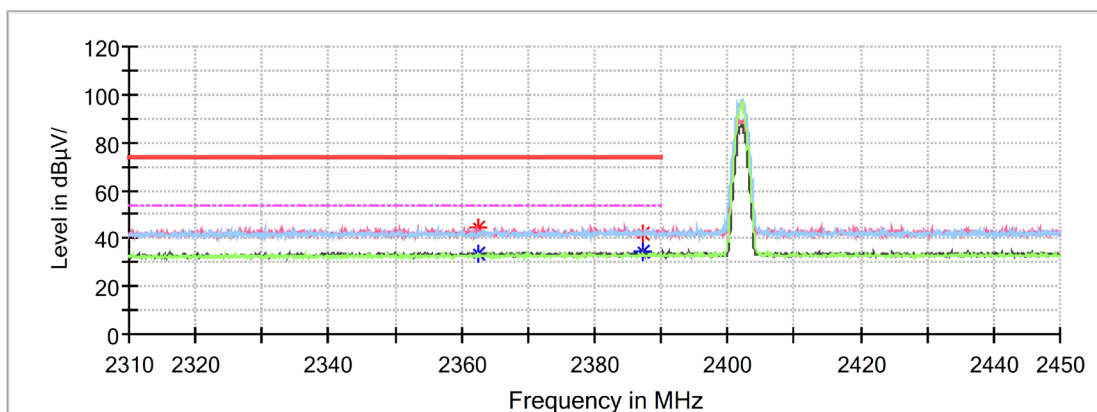
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1302.600000	40.97	---	74.00	33.03	H	-14.9
1302.600000	---	32.50	54.00	21.50	H	-14.9
1826.200000	29.68	---	74.00	44.32	H	-12.5
1826.200000	---	21.25	54.00	32.75	H	-12.5
4131.400000	44.11	---	74.00	29.89	H	-4.8
4131.400000	---	35.36	54.00	18.64	H	-4.8
7830.600000	---	40.53	54.00	13.47	V	3.4
7830.600000	50.64	---	74.00	23.36	V	3.4
13702.400000	---	44.81	54.00	9.19	V	10.1
13702.400000	54.93	---	74.00	19.07	V	10.1
17986.400000	---	47.84	54.00	6.16	V	13.7
17986.400000	54.45	---	74.00	19.55	V	13.7

Band Edge:**Low Channel****Common Information**

Project No.:	RKSA260622001
EUT Model:	SRP2504A
Test Mode:	Transmitting in BLE-2M Low Channel
Standard:	FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	24.6°C
Humidity:	47%
Atmospheric Pressure:	100.6kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/7/15

Full Spectrum

**Critical Freqs**

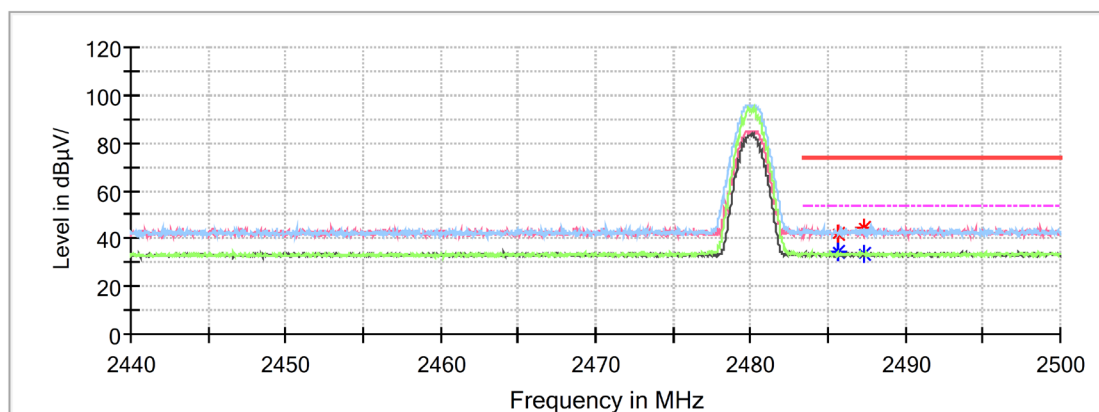
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2362.528000	44.79	---	74.00	29.21	V	-0.6
2362.528000	---	33.27	54.00	20.73	V	-0.6
2387.392000	42.02	---	74.00	31.98	V	-0.6
2387.392000	---	34.20	54.00	19.80	V	-0.6

High Channel

Common Information

Project No.: RKSA260622001
EUT Model: SRP2504A
Test Mode: Transmitting in BLE-2M High Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.6℃
Humidity: 47%
Atmospheric Pressure: 100.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/7/15

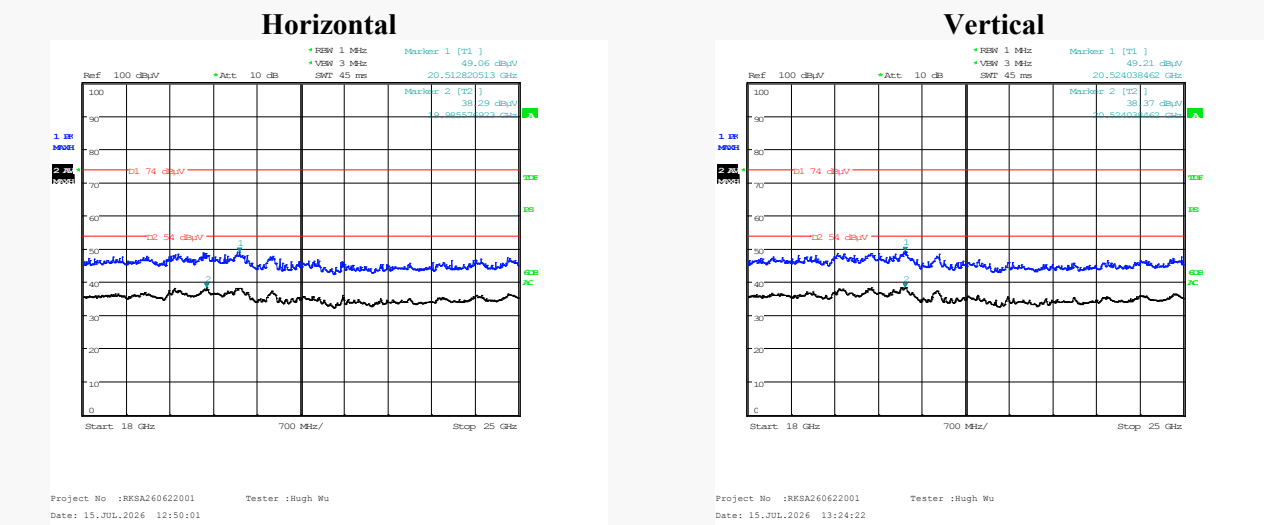
Full Spectrum



Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2485.600000	---	34.48	54.00	19.52	H	-0.3
2485.600000	41.95	---	74.00	32.05	H	-0.3
2487.352000	---	33.75	54.00	20.25	H	-0.3
2487.352000	44.75	---	74.00	29.25	H	-0.3

18GHz-25GHz: Transmitting in maximum output power mode and BLE 2Mbps high channel



Frequency (GHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
20.52	---	38.37	54	15.63	V	13.13
20.52	49.21	---	74	24.79	V	13.13
19.99	---	38.29	54	15.71	H	12.27
20.51	49.06	---	74	24.94	H	13.13

Note: The test distance is 3m. The limit is 74dB μ V/m(Peak) and 54dB μ V/m(Average).

6 dB EMISSION BANDWIDTH**Environmental Conditions & Test Information**

Test Date:	2026-07-14	2026-07-15	2026-07-17
Temperature:	24.8 °C	24.6 °C	25.8 °C
Relative Humidity:	45 %	47 %	55 %
ATM Pressure:	100.4 kPa	100.6 kPa	100.3 kPa
Test Result:	Pass	Pass	Pass
Test Engineer:	Neil Zhou	Neil Zhou	Neil Zhou

Test Result: Compliant.

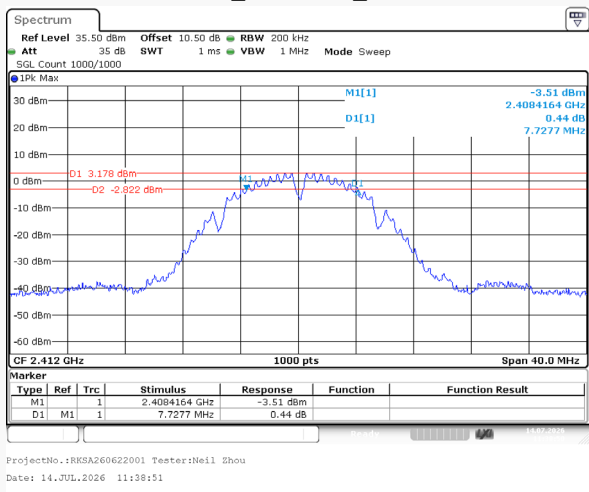
EUT operation mode: Transmitting

Wi-Fi Mode:

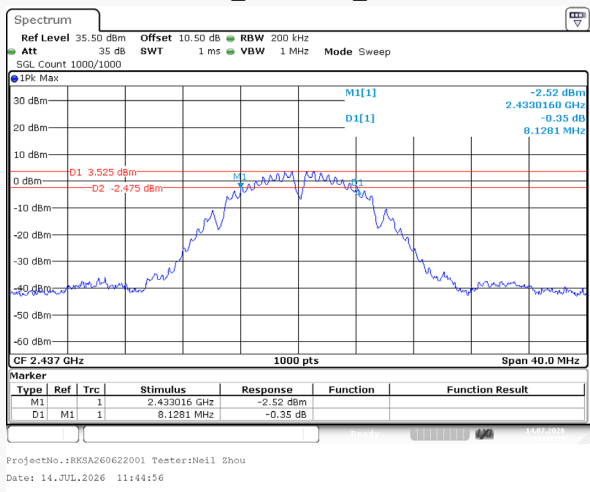
Mode	Antenna	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11b	Chain 0	2412	7.728	≥ 0.5	Pass
		2437	8.128	≥ 0.5	Pass
		2462	8.128	≥ 0.5	Pass
	Chain 1	2412	7.688	≥ 0.5	Pass
		2437	8.128	≥ 0.5	Pass
		2462	7.728	≥ 0.5	Pass
802.11g	Chain 0	2412	16.416	≥ 0.5	Pass
		2437	16.416	≥ 0.5	Pass
		2462	16.376	≥ 0.5	Pass
	Chain 1	2412	16.376	≥ 0.5	Pass
		2437	16.416	≥ 0.5	Pass
		2462	16.416	≥ 0.5	Pass
802.11n20	Chain 0	2412	17.538	≥ 0.5	Pass
		2437	17.658	≥ 0.5	Pass
		2462	17.618	≥ 0.5	Pass
	Chain 1	2412	17.498	≥ 0.5	Pass
		2437	17.698	≥ 0.5	Pass
		2462	17.658	≥ 0.5	Pass
802.11ax20_RU_Full	Chain 0	2412	18.619	≥ 0.5	Pass
		2437	18.899	≥ 0.5	Pass
		2462	18.779	≥ 0.5	Pass
	Chain 1	2412	18.979	≥ 0.5	Pass
		2437	18.499	≥ 0.5	Pass
		2462	18.739	≥ 0.5	Pass

Chain 0

802.11b_2412MHz_Chain 0

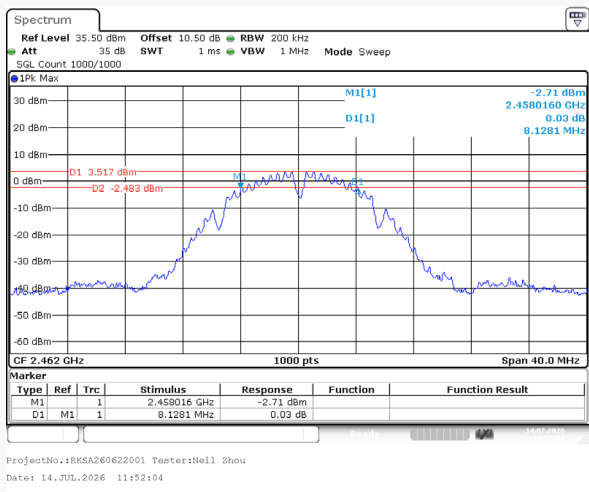


802.11b_2437MHz_Chain 0

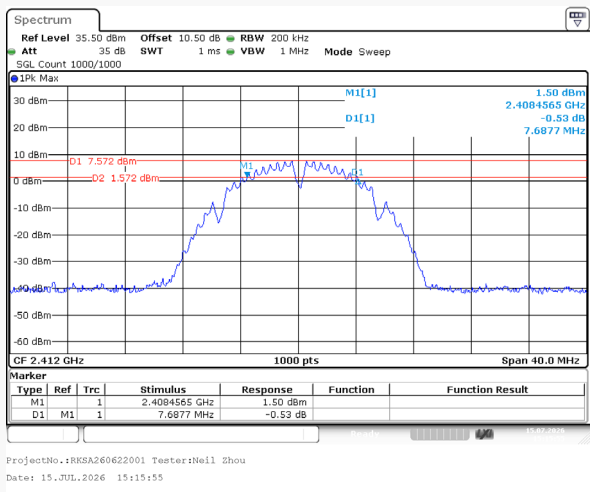


Chain 1

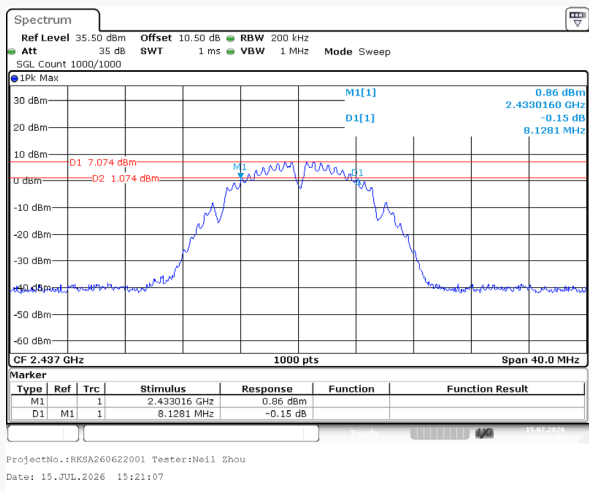
802.11b_2462MHz_Chain 0



802.11b_2412MHz_Chain 1



802.11b_2437MHz_Chain 1



802.11b_2462MHz_Chain 1

