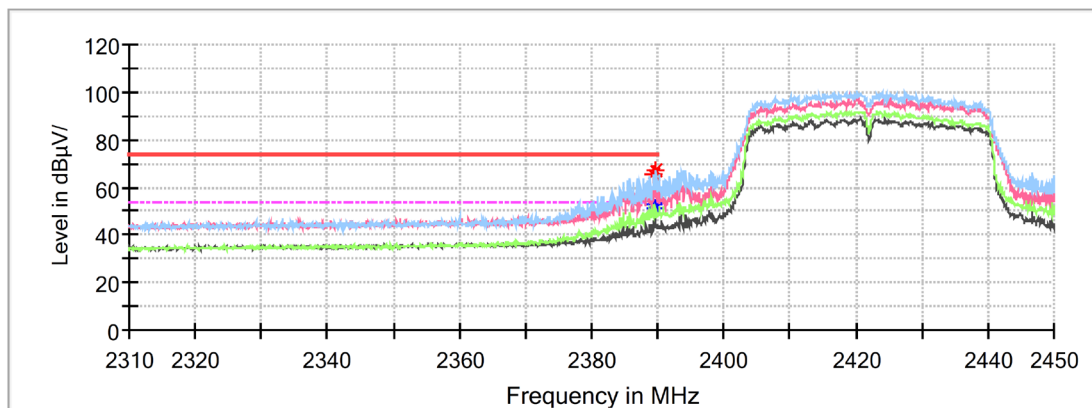


802.11n-HT40 Mode:**Chain 0 + Chain 1****Low Channel****Common Information**

Project No.: RBJ260416001
EUT Model: ZSXG02
Test Mode: 2.4G WIFI 802.11n40 mode 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: 24.5℃
Humidity: 52%
Atmospheric Pressure: 100.7kPa
Test Engineer: Destine Hu
Check by: Jason Lu
Test Date: 2026/5/20

Full Spectrum

**Critical_Freqs**

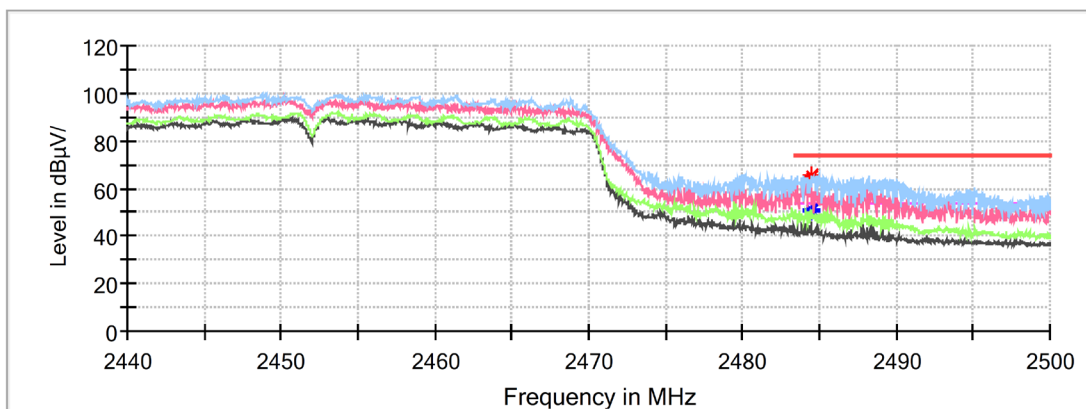
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2389.296000	---	52.82	54.00	1.18	H	-0.6
2389.296000	65.17	---	74.00	8.83	H	-0.6
2389.800000	---	51.39	54.00	2.61	H	-0.6
2389.800000	66.91	---	74.00	7.09	H	-0.6

High Channel

Common Information

Project No.: RBJ260416001
EUT Model: ZSXG02
Test Mode: 2.4G WIFI 802.11n40 mode 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: 24.5°C
Humidity: 52%
Atmospheric Pressure: 100.7kPa
Test Engineer: Destine Hu
Check by: Jason Lu
Test Date: 2026/5/20

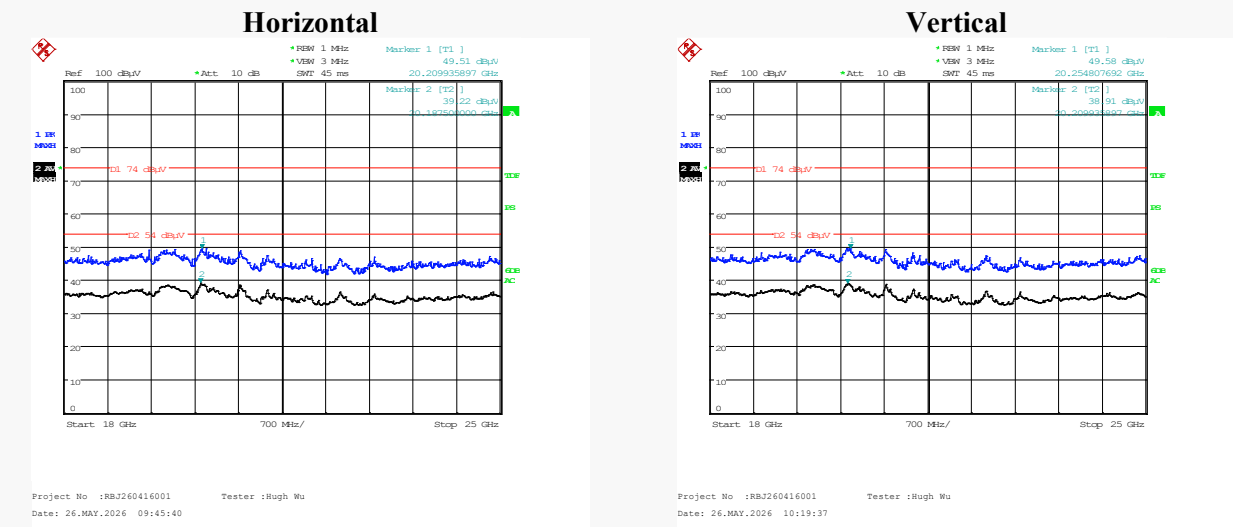
Full Spectrum



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)
2484.424000	---	50.57	54.00	3.43	H	-0.3
2484.424000	64.52	---	74.00	9.48	H	-0.3
2484.520000	---	51.27	54.00	2.73	H	-0.3
2484.520000	65.62	---	74.00	8.38	H	-0.3

18GHz-25GHz: Transmitting in maximum output power mode and 802.11g mode high channel

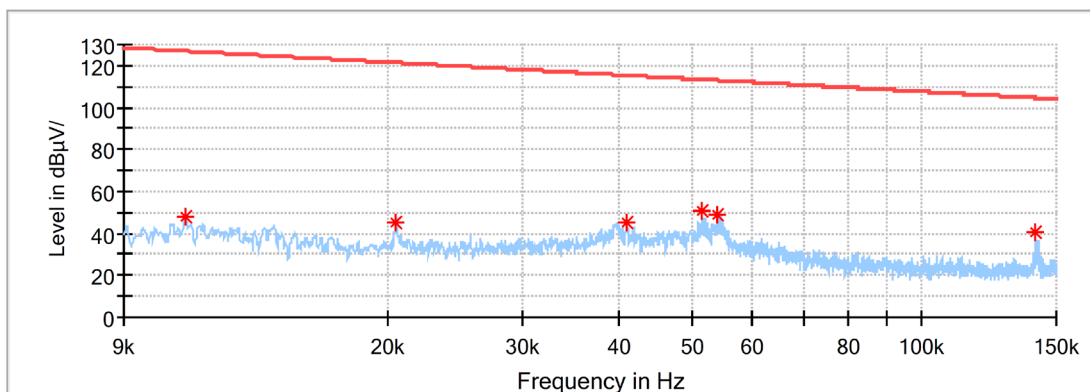


Frequency (GHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
20.21	---	38.91	54	15.09	V	12.47
20.25	49.58	---	74	24.42	V	12.51
20.19	---	39.22	54	14.78	H	12.45
20.21	49.51	---	74	24.49	H	12.47

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

BLE Mode:**9kHz-150kHz:** Transmitting in maximum output power mode BLE (1 Mbps) low channel**Parallel(worst case)****Low Channel: 2402 MHz****Common Information**

Project No:	RBJ260416001
EUT Model:	ZSXG02
Test Mode:	Transmitting in BLE-1M mode low 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:	24.5°C
Humidity:	53%
Barometric Pressure:	101.1kPa
Test Engineer:	Scarf Yang
Check by:	Jason Lu
Test Date:	2026/5/19

**Critical_Freqs**

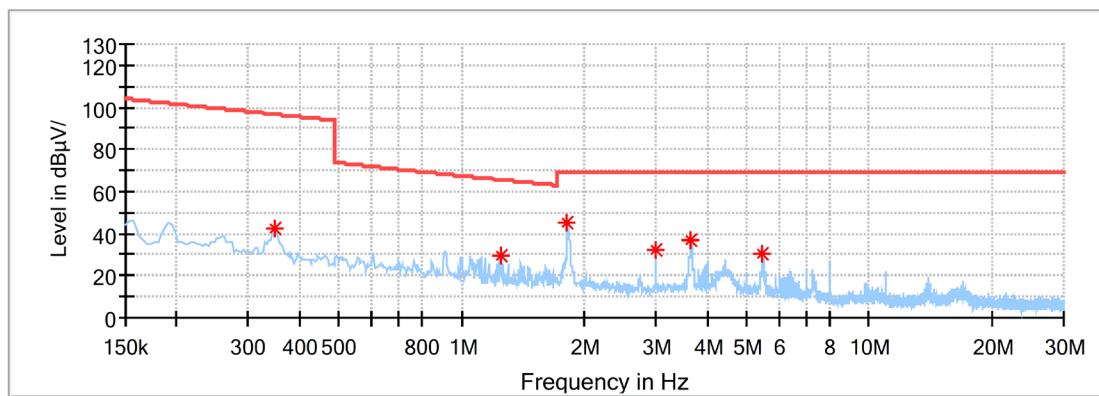
Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
0.010815	47.70	126.89	79.20	Parallel	-0.2
0.020456	45.53	121.38	75.85	Parallel	-0.1
0.041095	45.00	115.32	70.32	Parallel	-1.8
0.051406	50.28	113.38	63.10	Parallel	-3.4
0.053961	48.44	112.96	64.52	Parallel	-3.7
0.140853	40.31	104.62	64.31	Parallel	-10.2

150kHz-30MHz: Transmitting in maximum output power mode BLE (1 Mbps) low channel
Parallel(worst case)

Low Channel: 2402 MHz

Common Information

Project No:	RBJ260416001
EUT Model:	ZSXG02
Test Mode:	Transmitting in BLE-1M mode low 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:	24.5°C
Humidity:	53%
Barometric Pressure:	101.1kPa
Test Engineer:	Scarf Yang
Check by:	Jason Lu
Test Date:	2026/5/19

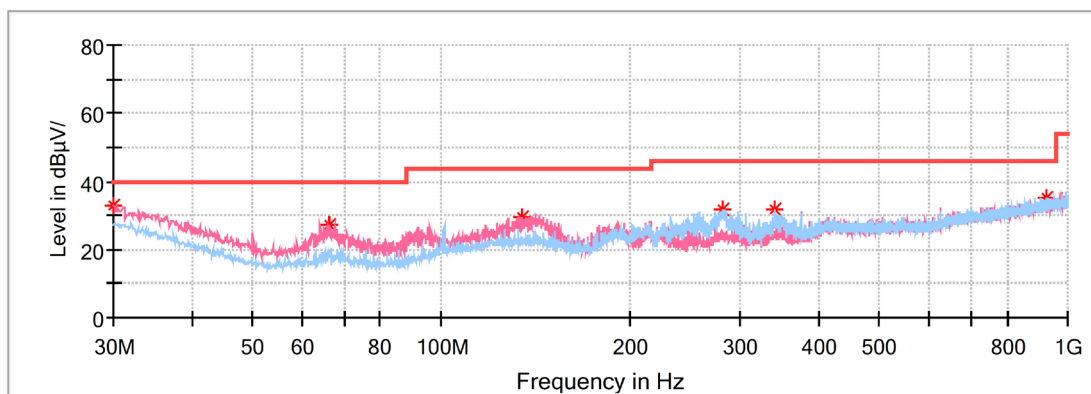


Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
0.347756	42.53	96.67	54.14	Parallel	-18.2
1.243256	29.32	65.55	36.23	Parallel	-27.9
1.817869	44.87	69.54	24.67	Parallel	-29.8
3.000675	32.41	69.54	37.13	Parallel	-30.9
3.642450	36.92	69.54	32.62	Parallel	-31.1
5.459569	30.74	69.54	38.80	Parallel	-31.5

BLE (1 Mbps) (Transmitting in maximum output power BLE (1 Mbps) low channel)
30MHz-1GHz**Low Channel: 2402MHz****Common Information**

Project No: RBJ260416001
EUT Model: ZSXG02
Test Mode: Transmitting in BLE-1M mode low 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: 24.5°C
Humidity: 53%
Barometric Pressure: 101.1kPa
Test Engineer: Scarf Yang
Check by: Jason Lu
Test Date: 2026/5/19

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
30.000000	32.72	40.00	7.28	V	-4.6
66.253750	27.31	40.00	12.69	V	-16.7
134.275000	29.55	43.50	13.95	V	-10.9
280.623750	31.70	46.00	14.30	H	-10.2
341.733750	31.52	46.00	14.48	H	-9.2
926.765000	35.44	46.00	10.56	H	1.8

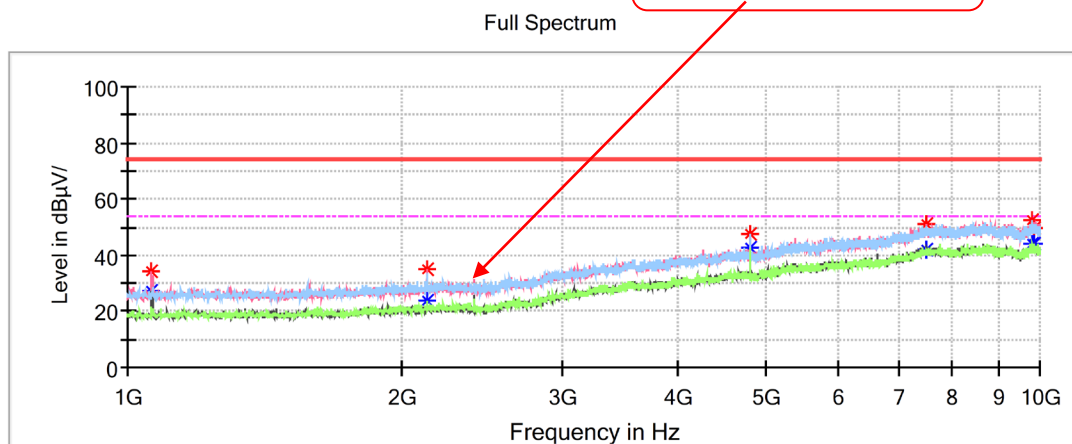
BLE (1 Mbps)
1GHz-10GHz:

Low Channel: 2402MHz

Common Information

Project No.:	RBJ260416001
EUT Model:	ZSXG02
Test Mode:	Transmitting in BLE-1M 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:	24.9°C
Humidity:	53%
Atmospheric Pressure:	100.5kPa
Test Engineer:	Destine Hu
Check by:	Jason Lu
Test Date:	2026/5/25

Fundamental Test with
Band Reject Filter

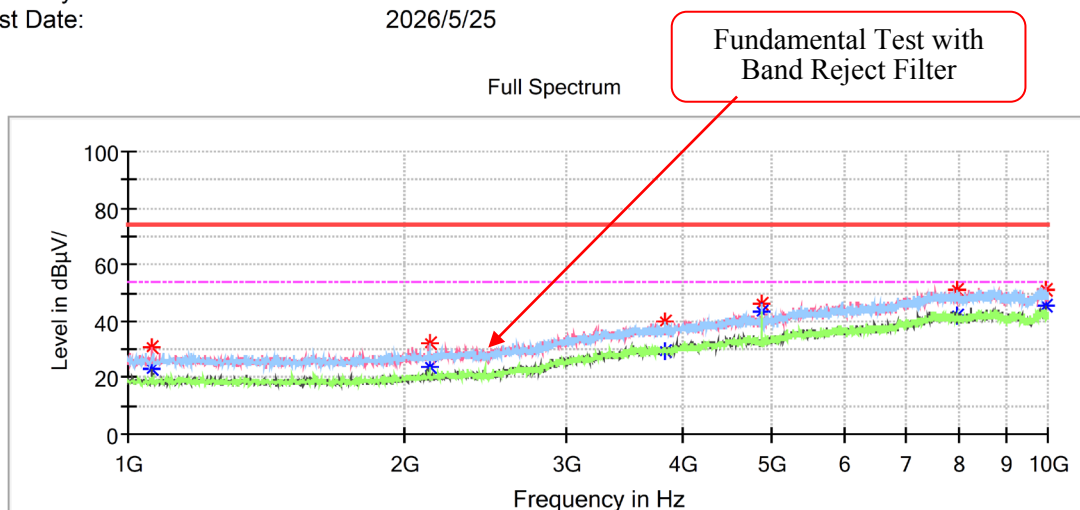


Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1061.200000	---	27.32	54.00	26.68	V	-15.9
1061.200000	34.53	---	74.00	39.47	V	-15.9
2127.700000	---	23.68	54.00	30.32	H	-11.3
2127.700000	35.04	---	74.00	38.96	H	-11.3
4804.300000	---	42.31	54.00	11.69	H	-3.4
4804.300000	47.54	---	74.00	26.46	H	-3.4
7498.900000	---	41.94	54.00	12.06	V	3.3
7498.900000	51.07	---	74.00	22.93	V	3.3
9817.300000	---	43.99	54.00	10.01	H	5.8
9817.300000	52.17	---	74.00	21.83	H	5.8
9849.700000	---	44.30	54.00	9.70	H	5.9
9849.700000	50.00	---	74.00	24.00	H	5.9

Middle Channel: 2440MHz**Common Information**

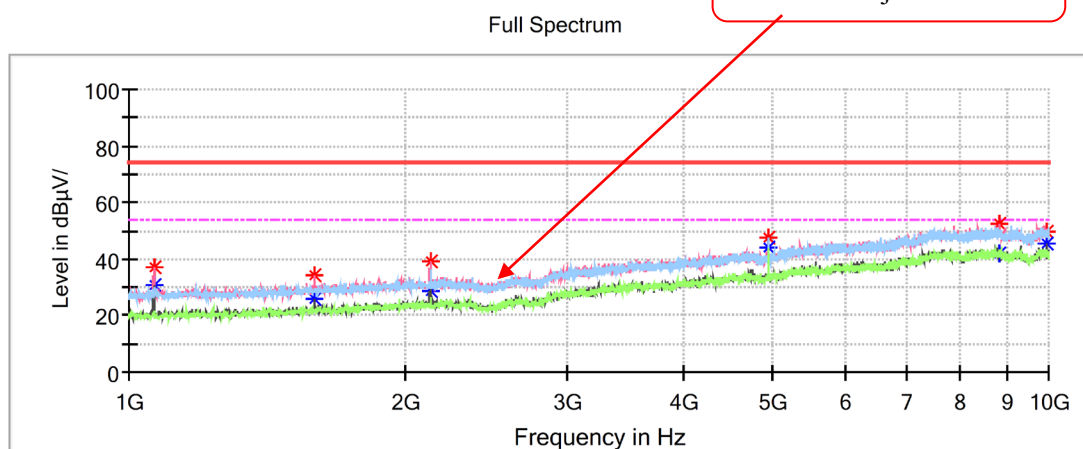
Project No.: RBJ260416001
EUT Model: ZSXG02
Test Mode: Transmitting in BLE-1M Middle Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.9℃
Humidity: 53%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Check by: Jason Lu
Test Date: 2026/5/25

**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)
1062.100000	30.75	---	74.00	43.25	V	-15.9
1062.100000	---	23.04	54.00	30.96	V	-15.9
2127.700000	---	24.01	54.00	29.99	H	-11.3
2127.700000	32.26	---	74.00	41.74	H	-11.3
3837.700000	---	29.62	54.00	24.38	H	-5.4
3837.700000	39.79	---	74.00	34.21	H	-5.4
4879.900000	46.12	---	74.00	27.88	H	-3.2
4879.900000	---	43.59	54.00	10.41	H	-3.2
7952.500000	---	41.93	54.00	12.07	V	3.4
7952.500000	51.34	---	74.00	22.66	V	3.4
9948.700000	50.76	---	74.00	23.24	V	6.2
9948.700000	---	45.15	54.00	8.85	V	6.2

High Channel: 2480MHz**Common Information**

Project No.: RBJ260416001
 EUT Model: ZSXG02
 Test Mode: Transmitting in BLE-1M 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: 24.9℃
 Humidity: 53%
 Atmospheric Pressure: 100.5kPa
 Test Engineer: Destine Hu
 Check by: Jason Lu
 Test Date: 2026/5/25

**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)
1063.900000	---	30.89	54.00	23.11	V	-15.9
1063.900000	37.25	---	74.00	36.75	V	-15.9
1592.200000	---	25.60	54.00	28.40	V	-13.6
1592.200000	34.34	---	74.00	39.66	V	-13.6
2132.200000	---	28.78	54.00	25.22	V	-11.3
2132.200000	39.18	---	74.00	34.82	V	-11.3
4960.000000	47.63	---	74.00	26.37	H	-2.9
4960.000000	---	43.91	54.00	10.09	H	-2.9
8832.700000	52.42	---	74.00	21.58	V	4.8
8832.700000	---	41.69	54.00	12.31	V	4.8
9933.400000	49.86	---	74.00	24.14	V	6.2
9933.400000	---	45.26	54.00	8.74	V	6.2

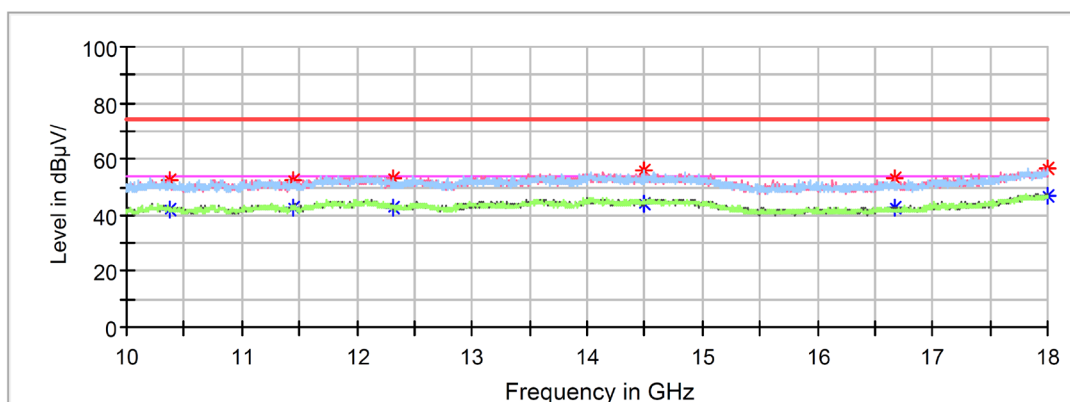
10GHz-18GHz:

Low Channel: 2402MHz

Common Information

Project No.: RBJ260416001
EUT Model: ZSXG02
Test Mode: Transmitting in BLE-1M 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: 24.9°C
Humidity: 53%
Atmospheric Pressure: 100.5kPa
Test Engineer: Destine Hu
Check by: Jason Lu
Test Date: 2026/5/25

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)
10372.800000	---	42.17	54.00	11.83	V	6.6
10372.800000	52.56	---	74.00	21.44	V	6.6
11449.600000	---	42.97	54.00	11.03	V	8.0
11449.600000	52.73	---	74.00	21.27	V	8.0
12313.600000	---	42.82	54.00	11.18	V	8.9
12313.600000	53.31	---	74.00	20.69	V	8.9
14497.600000	---	44.27	54.00	9.73	H	11.1
14497.600000	56.06	---	74.00	17.94	H	11.1
16678.400000	---	42.65	54.00	11.35	H	8.3
16678.400000	52.97	---	74.00	21.03	H	8.3
17995.200000	56.75	---	74.00	17.25	H	13.8
17995.200000	---	47.19	54.00	6.81	H	13.8