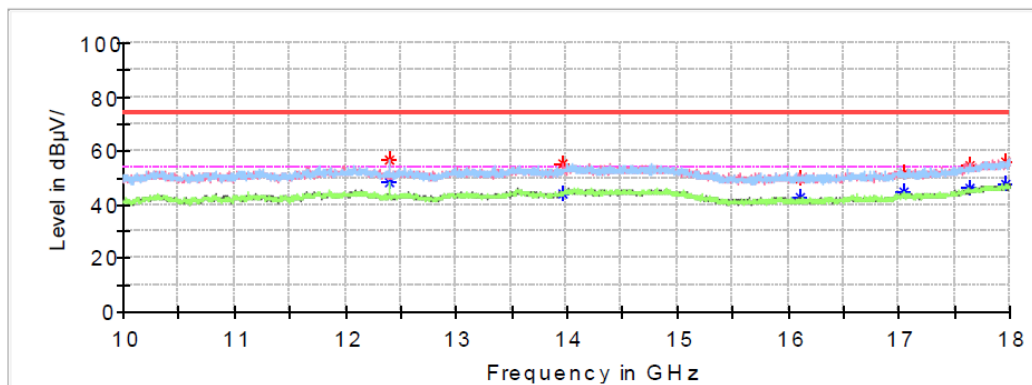


High Channel: 2480 MHz**Common Information**

Project No.: RKSB260326012
 EUT Model: 44228007015
 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: 22.1℃
 Humidity: 51%
 Atmospheric Pressure: 102.4kPa
 Test Engineer: Destine Hu
 Check by: Winnie Yang
 Test Date: 2026/5/8

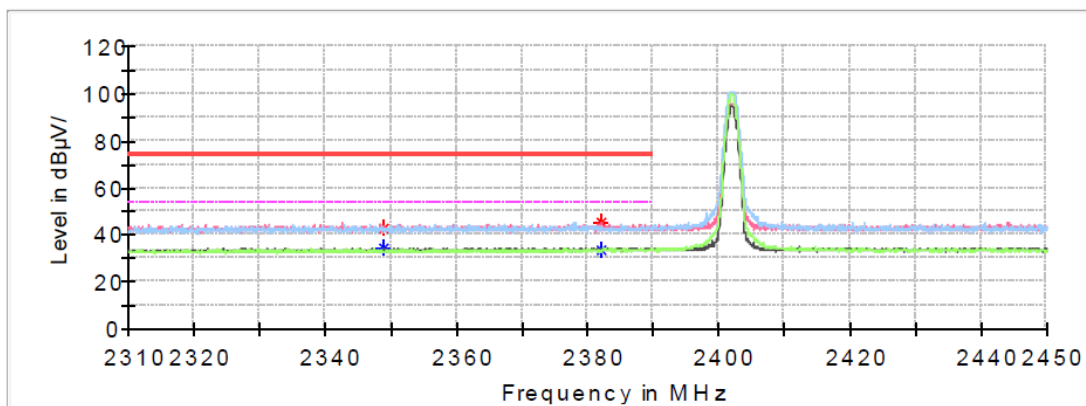
Full Spectrum

**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)
12400.000000	---	47.97	54.00	6.03	H	8.8
12400.000000	56.54	---	74.00	17.46	H	8.8
13960.000000	---	44.00	54.00	10.00	H	10.6
13960.000000	55.31	---	74.00	18.69	H	10.6
16104.000000	50.00	---	74.00	24.00	V	7.6
16104.000000	---	42.98	54.00	11.02	V	7.6
17040.000000	---	44.42	54.00	9.58	H	9.6
17040.000000	51.62	---	74.00	22.38	H	9.6
17640.000000	54.69	---	74.00	19.31	H	11.6
17640.000000	---	46.33	54.00	7.67	H	11.6
17971.200000	---	47.83	54.00	6.17	V	13.7
17971.200000	55.98	---	74.00	18.02	V	13.7

Restricted Bands Emission:**Left Side****Common Information**

Project No.: RKSB260326012
EUT Model: 44228007015
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: 22.1°C
Humidity: 51%
Atmospheric Pressure: 102.4kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/5/8

Full Spectrum**Critical Freqs**

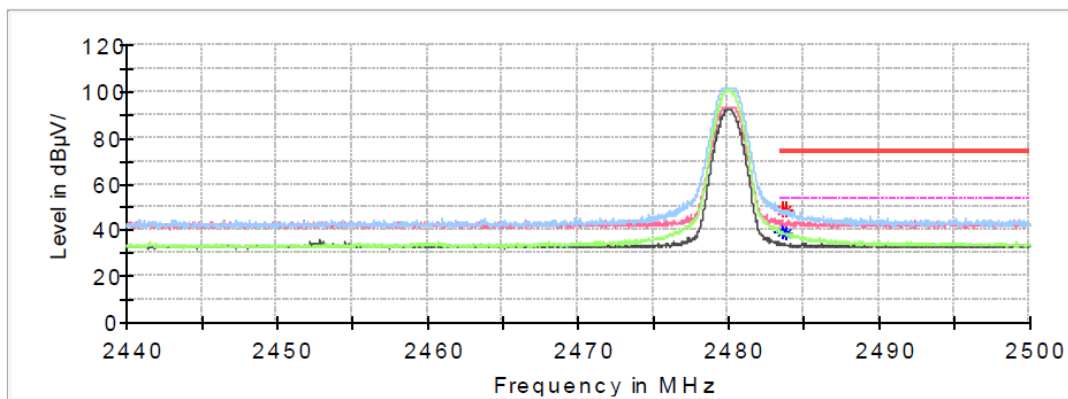
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2348.920000	---	34.64	54.00	19.36	V	-0.7
2348.920000	42.55	---	74.00	31.45	V	-0.7
2382.184000	---	33.65	54.00	20.35	V	-0.6
2382.184000	45.30	---	74.00	28.70	V	-0.6

Right Side

Common Information

Project No.: RKS260326012
EUT Model: 44228007015
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: 22.1℃
Humidity: 51%
Atmospheric Pressure: 102.4kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/5/8

Full Spectrum

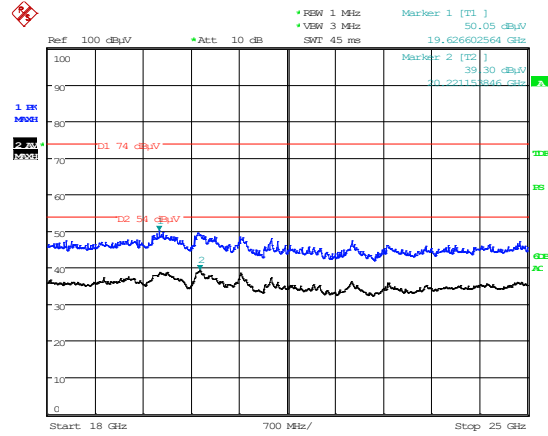


Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2483.608000	---	39.05	54.00	14.95	H	-0.3
2483.608000	48.65	---	74.00	25.35	H	-0.3
2483.896000	---	38.27	54.00	15.73	H	-0.3
2483.896000	48.74	---	74.00	25.26	H	-0.3

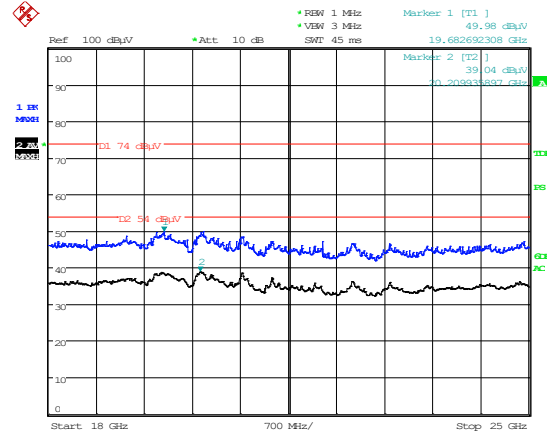
18 GHz - 25 GHz (Transmitting in maximum output power mode BLE (1 Mbps) high channel):

Horizontal



Project No.: RKS260326012
Date: 9.MAY.2026 09:36:48
Tester: Hugh Wu

Vertical



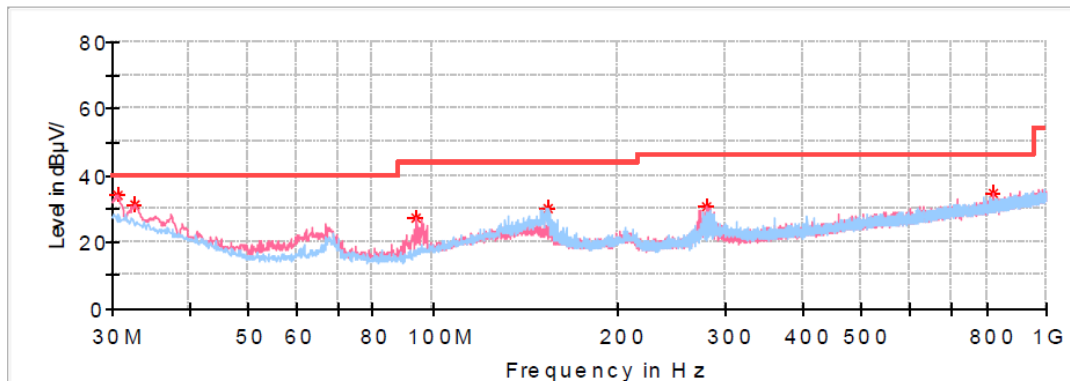
Project No.: RKS260326012
Date: 9.MAY.2026 10:13:00
Tester: Hugh Wu

Frequency (GHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
20.21	---	39.04	54	14.96	V	12.47
19.68	49.98	---	74	24.02	V	12.36
20.22	---	39.3	54	14.7	H	12.48
19.63	50.05	---	74	23.95	H	11.21

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

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

Project No: RKSB260326012
EUT Model: 44228007015
Test Mode: Transmitting in BLE 1M mode 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: 19.3°C
Humidity: 55%
Barometric Pressure: 101.3kPa
Test Engineer: Scarf Yang
Check by: Winnie Yang
Test Date: 2026/4/3

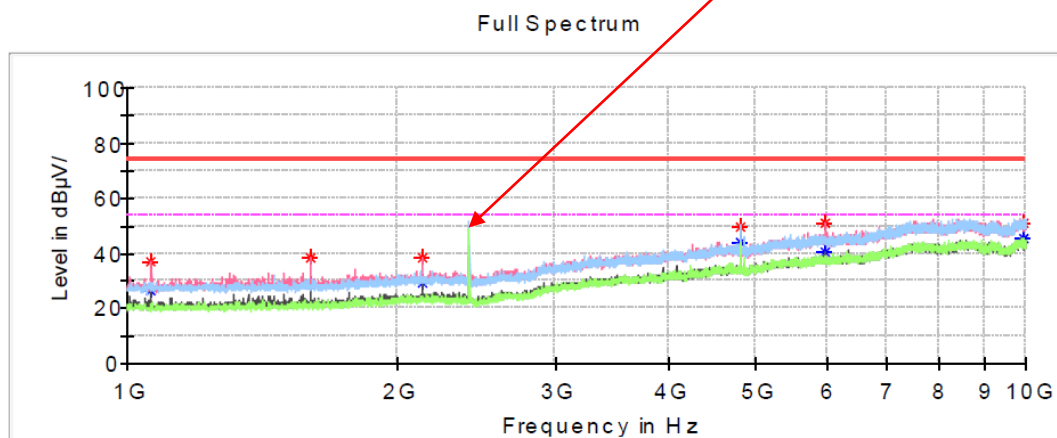
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
30.606250	33.78	40.00	6.22	V	-5.1
32.667500	31.02	40.00	8.98	V	-6.5
94.141250	27.06	43.50	16.44	V	-15.8
154.645000	29.96	43.50	13.54	H	-11.9
278.562500	30.44	46.00	15.56	V	-10.5
819.701250	34.43	46.00	11.57	V	-0.4

1GHz-10GHz (BLE 2 Mbps):**Low Channel: 2402 MHz****Common Information**

Project No.: RKSB260326012
EUT Model: 44228007015
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: 22.1°C
Humidity: 51%
Atmospheric Pressure: 102.4kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/5/8

Fundamental test with
Band Reject Filter

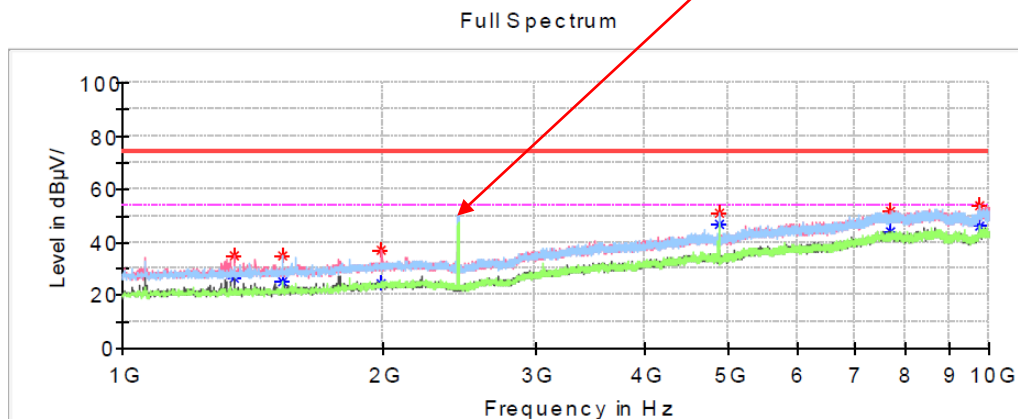
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1062.100000	36.89	---	74.00	37.11	V	-14.8
1062.100000	---	26.50	54.00	27.50	V	-14.8
1596.700000	38.50	---	74.00	35.50	V	-12.7
1596.700000	---	28.92	54.00	25.08	V	-12.7
2128.600000	38.25	---	74.00	35.75	V	-10.3
2128.600000	---	29.08	54.00	24.92	V	-10.3
4804.000000	49.45	---	74.00	24.55	H	-2.4
4804.000000	---	43.80	54.00	10.20	H	-2.4
5985.100000	---	40.73	54.00	13.27	V	0.5
5985.100000	51.18	---	74.00	22.82	V	0.5
9947.800000	50.82	---	74.00	23.18	V	7.3
9947.800000	---	45.61	54.00	8.39	V	7.3

Middle Channel: 2440 MHz**Common Information**

Project No.: RKS260326012
EUT Model: 44228007015
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: 22.1°C
Humidity: 51%
Atmospheric Pressure: 102.4kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/5/8

Fundamental test with
Band Reject Filter

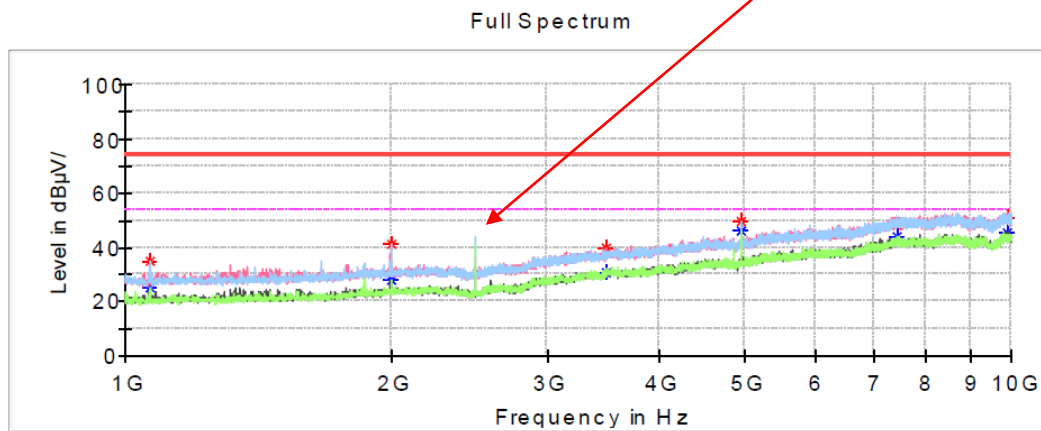
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1342.900000	---	26.49	54.00	27.51	V	-13.8
1342.900000	34.99	---	74.00	39.01	V	-13.8
1531.000000	---	25.52	54.00	28.48	H	-13.0
1531.000000	34.79	---	74.00	39.21	H	-13.0
1991.800000	---	24.62	54.00	29.38	H	-10.7
1991.800000	36.76	---	74.00	37.24	H	-10.7
4880.000000	---	47.13	54.00	6.87	H	-2.1
4880.000000	50.90	---	74.00	23.10	H	-2.1
7678.000000	51.43	---	74.00	22.57	V	4.4
7678.000000	---	44.22	54.00	9.78	V	4.4
9758.800000	---	46.38	54.00	7.62	H	6.7
9758.800000	53.74	---	74.00	20.26	H	6.7

High Channel: 2480 MHz**Common Information**

Project No.: RKSB260326012
 EUT Model: 44228007015
 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: 22.1°C
 Humidity: 51%
 Atmospheric Pressure: 102.4kPa
 Test Engineer: Destine Hu
 Check by: Bard Liu
 Test Date: 2026/5/8

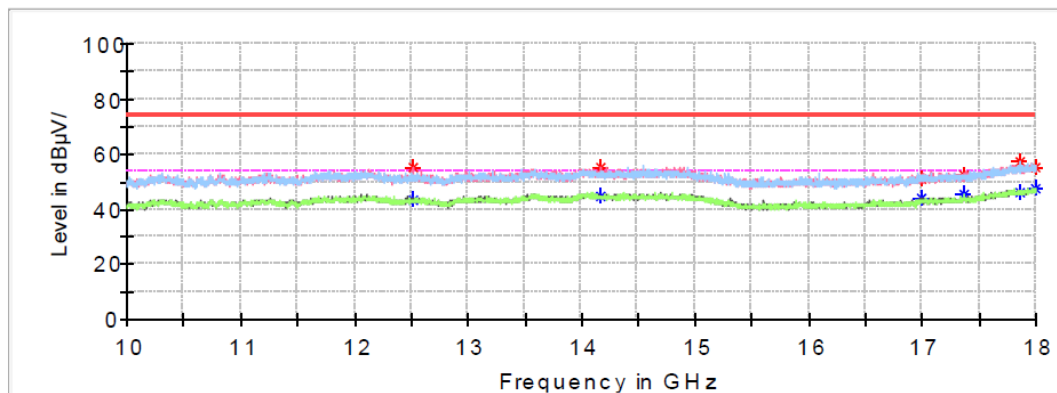
Fundamental test with
Band Reject Filter

**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)
1063.900000	---	25.31	54.00	28.69	H	-14.8
1063.900000	34.63	---	74.00	39.37	H	-14.8
1995.400000	41.13	---	74.00	32.87	H	-10.7
1995.400000	---	28.09	54.00	25.91	H	-10.7
3496.600000	---	31.09	54.00	22.91	H	-5.3
3496.600000	39.95	---	74.00	34.05	H	-5.3
4960.000000	49.96	---	74.00	24.04	H	-1.9
4960.000000	---	46.29	54.00	7.71	H	-1.9
7419.700000	48.54	---	74.00	25.46	V	4.1
7419.700000	---	43.77	54.00	10.23	V	4.1
9924.400000	51.25	---	74.00	22.75	V	7.2
9924.400000	---	45.65	54.00	8.35	V	7.2

10GHz-18GHz (BLE 2 Mbps):**Low Channel: 2402 MHz****Common Information**

Project No.:	RKSB260326012
EUT Model:	44228007015
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:	22.1°C
Humidity:	51%
Atmospheric Pressure:	102.4kPa
Test Engineer:	Destine Hu
Check by:	Winnie Yang
Test Date:	2026/5/8

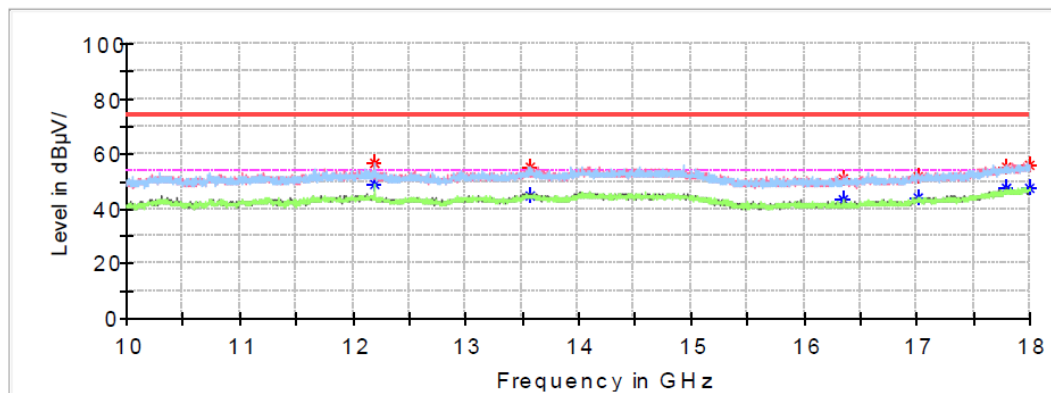
Full Spectrum**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12512.000000	---	43.61	54.00	10.39	V	8.8
12512.000000	55.29	---	74.00	18.71	V	8.8
14176.000000	---	45.00	54.00	9.00	V	10.8
14176.000000	55.44	---	74.00	18.56	V	10.8
17001.600000	50.82	---	74.00	23.18	H	9.5
17001.600000	---	43.98	54.00	10.02	H	9.5
17374.400000	52.73	---	74.00	21.27	H	10.5
17374.400000	---	45.35	54.00	8.65	H	10.5
17864.000000	---	46.20	54.00	7.80	H	13.0
17864.000000	56.99	---	74.00	17.01	H	13.0
17996.800000	---	47.90	54.00	6.10	V	13.8
17996.800000	55.28	---	74.00	18.72	V	13.8

Middle Channel: 2440 MHz**Common Information**

Project No.: RKSB260326012
 EUT Model: 44228007015
 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: 22.1°C
 Humidity: 51%
 Atmospheric Pressure: 102.4kPa
 Test Engineer: Destine Hu
 Check by: Winnie Yang
 Test Date: 2026/5/8

Full Spectrum

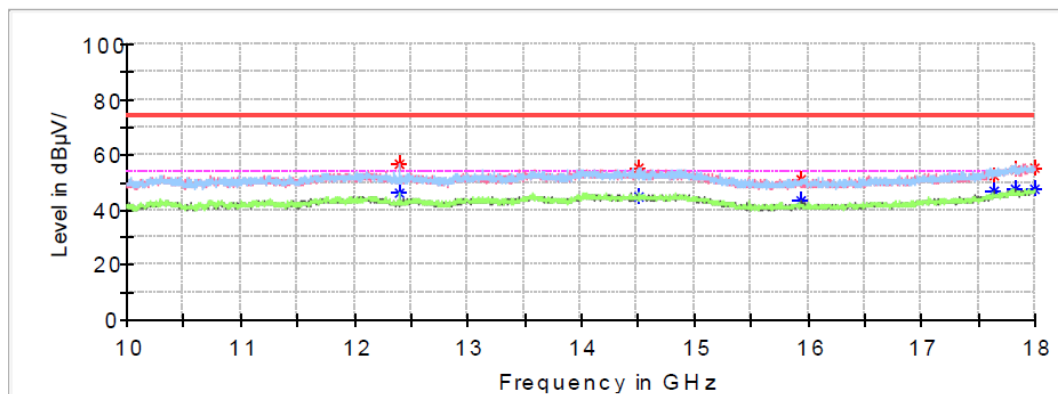
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12196.800000	---	49.26	54.00	4.74	H	8.9
12196.800000	56.83	---	74.00	17.17	H	8.9
13579.200000	55.56	---	74.00	18.44	H	9.8
13579.200000	---	44.89	54.00	9.11	H	9.8
16355.200000	50.99	---	74.00	23.01	H	7.6
16355.200000	---	43.57	54.00	10.43	H	7.6
17017.600000	---	44.38	54.00	9.62	H	9.5
17017.600000	51.69	---	74.00	22.31	H	9.5
17796.800000	55.09	---	74.00	18.91	V	12.6
17796.800000	---	47.46	54.00	6.54	V	12.6
17996.800000	56.26	---	74.00	17.74	V	13.8
17996.800000	---	47.72	54.00	6.28	V	13.8

High Channel: 2480 MHz**Common Information**

Project No.: RKS260326012
 EUT Model: 44228007015
 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: 22.1℃
 Humidity: 51%
 Atmospheric Pressure: 102.4kPa
 Test Engineer: Destine Hu
 Check by: Winnie Yang
 Test Date: 2026/5/8

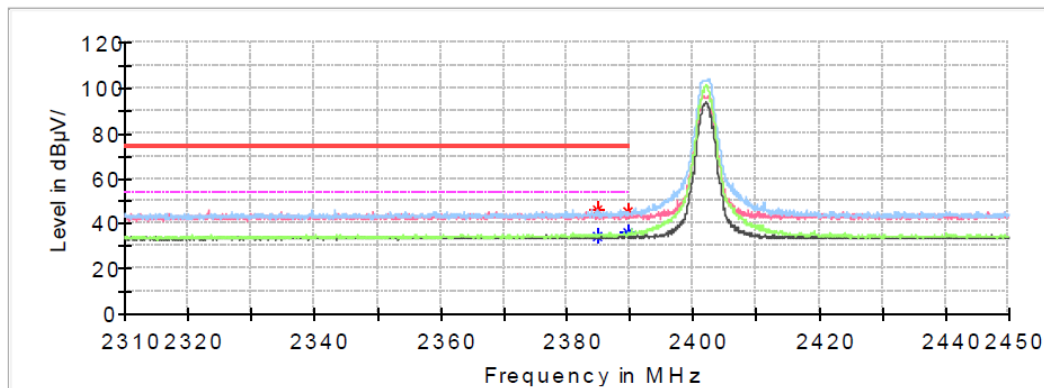
Full Spectrum

**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)
12396.800000	---	46.47	54.00	7.53	H	8.8
12396.800000	56.79	---	74.00	17.21	H	8.8
14515.200000	55.07	---	74.00	18.93	H	11.0
14515.200000	---	44.73	54.00	9.27	H	11.0
15937.600000	---	43.23	54.00	10.77	V	7.6
15937.600000	51.39	---	74.00	22.61	V	7.6
17640.000000	---	46.69	54.00	7.31	V	11.6
17640.000000	52.62	---	74.00	21.38	V	11.6
17832.000000	---	47.64	54.00	6.36	H	12.8
17832.000000	54.42	---	74.00	19.58	H	12.8
17996.800000	54.97	---	74.00	19.03	V	13.8
17996.800000	---	47.55	54.00	6.45	V	13.8

Restricted Bands Emission:**Left Side****Common Information**

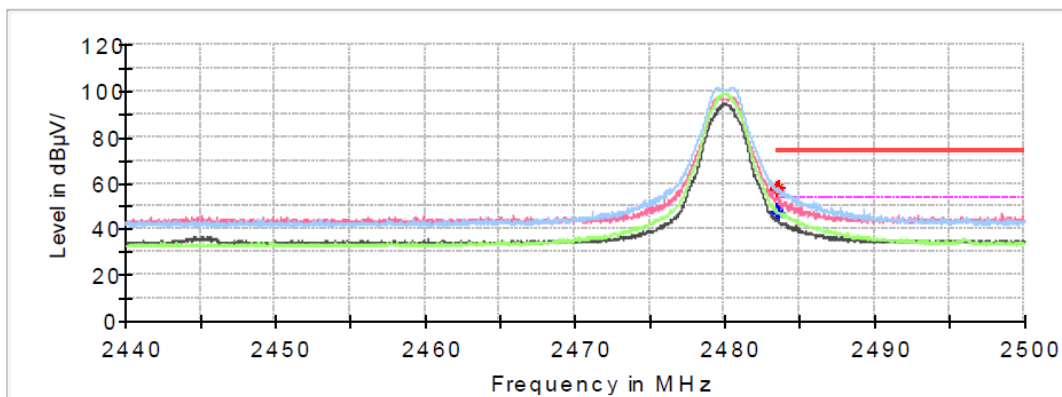
Project No.: RKS260326012
EUT Model: 44228007015
Test Mode: Transmitting in BLE 2M Low Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 22.1°C
Humidity: 51%
Atmospheric Pressure: 102.4kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/5/8

Full Spectrum**Critical_Freqs**

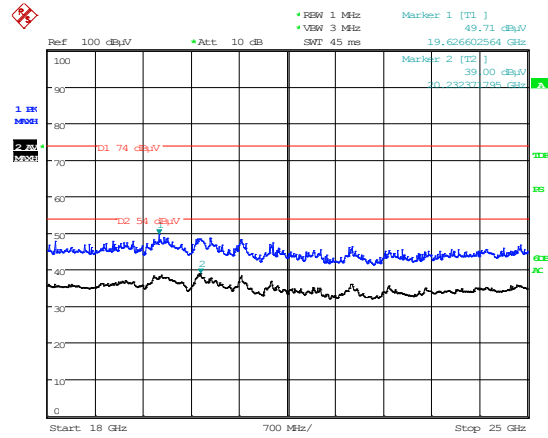
Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2384.704000	46.53	---	74.00	27.47	H	-0.6
2384.704000	---	34.70	54.00	19.30	H	-0.6
2389.576000	45.06	---	74.00	28.94	H	-0.6
2389.576000	---	36.25	54.00	17.75	H	-0.6

Right Side**Common Information**

Project No.: RKSB260326012
EUT Model: 44228007015
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: 22.1℃
Humidity: 51%
Atmospheric Pressure: 102.4kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/5/8

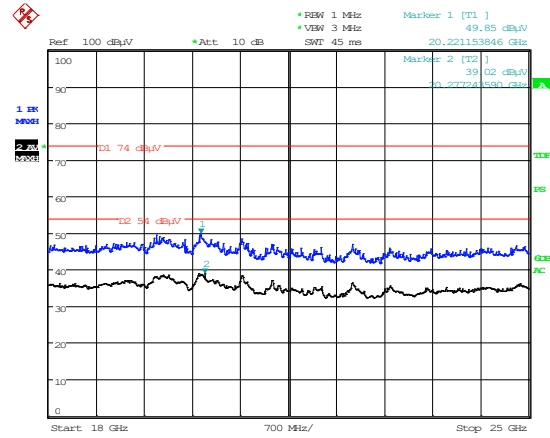
Full Spectrum**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2483.512000	---	48.21	54.00	5.79	H	-0.3
2483.512000	56.82	---	74.00	17.18	H	-0.3
2483.608000	---	47.28	54.00	6.72	H	-0.3
2483.608000	58.20	---	74.00	15.80	H	-0.3

18 GHz - 25 GHz (Transmitting in maximum output power mode BLE (2 Mbps) high channel):**Horizontal**

Project No :RKS260326012
Date: 9.MAY.2026 10:43:59

Tester :Rugh Wu

Vertical

Project No :RKS260326012
Date: 9.MAY.2026 11:15:33

Tester :Rugh Wu

Frequency (GHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
20.28	---	39.02	54	14.98	V	12.53
20.22	49.85	---	74	24.15	V	12.48
20.23	---	39.00	54	15.00	H	12.49
19.63	49.71	---	74	24.29	H	11.21

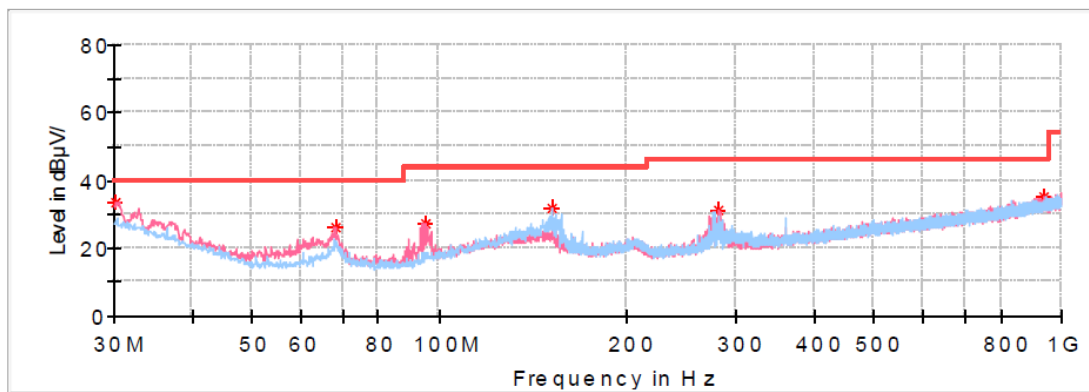
Note: The test distance is 3m. The limit is 74dBμV/m(Peak) and 54dBμV/m(Average).

ZigBee & Thread: (Transmitting in maximum output power mode ZigBee & Thread high channel) 30 MHz-1 GHz:

High Channel: 2480MHz

Common Information

Project No: RKSB260326012
 EUT Model: 44228007015
 Test Mode: Transmitting in ZigBee & Thread mode 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: 19.3°C
 Humidity: 55%
 Barometric Pressure: 101.3kPa
 Test Engineer: Scarf Yang
 Check by: Winnie Yang
 Test Date: 2026/4/3



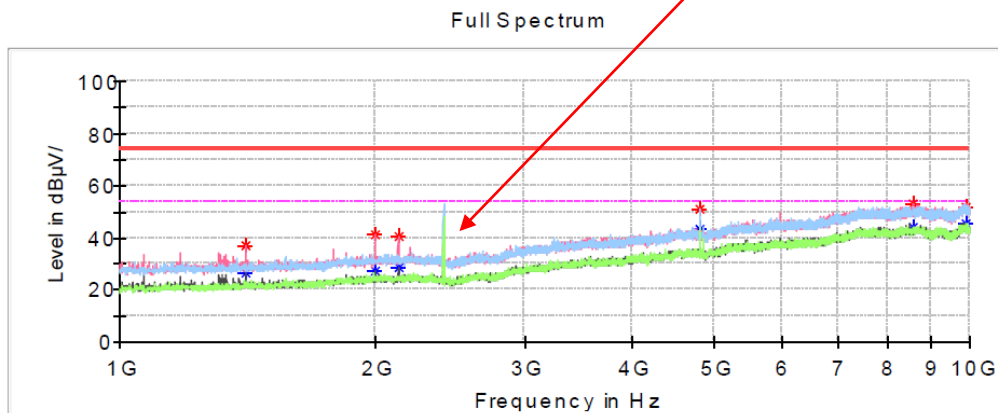
Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
30.242500	33.69	40.00	6.31	V	-4.9
68.072500	26.09	40.00	13.91	V	-16.7
94.868750	27.43	43.50	16.07	V	-15.6
151.856250	31.63	43.50	11.87	H	-11.8
281.108750	30.99	46.00	15.01	V	-10.4
937.435000	35.44	46.00	10.56	V	1.6

1GHz-10GHz:**Low Channel: 2405 MHz****Common Information**

Project No.:	RKSB260326012
EUT Model:	44228007015
Test Mode:	Transmitting in ZigBee & Thread 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:	22.1°C
Humidity:	51%
Atmospheric Pressure:	102.4kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/5/8

Fundamental test with
Band Reject Filter

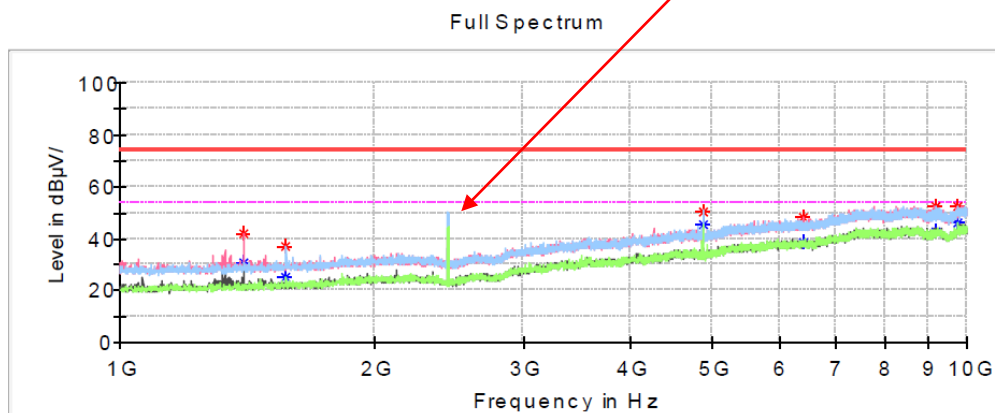
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1404.100000	---	26.36	54.00	27.64	V	-13.5
1404.100000	37.37	---	74.00	36.63	V	-13.5
1996.300000	---	26.92	54.00	27.08	V	-10.6
1996.300000	41.06	---	74.00	32.94	V	-10.6
2125.000000	40.87	---	74.00	33.13	V	-10.3
2125.000000	---	28.90	54.00	25.10	V	-10.3
4810.000000	---	43.30	54.00	10.70	H	-2.3
4810.000000	50.82	---	74.00	23.18	H	-2.3
8595.100000	---	43.78	54.00	10.22	H	5.7
8595.100000	52.95	---	74.00	21.05	H	5.7
9917.200000	51.42	---	74.00	22.58	V	7.2
9917.200000	---	45.50	54.00	8.50	V	7.2

Middle Channel: 2440 MHz**Common Information**

Project No.: RKSB260326012
 EUT Model: 44228007015
 Test Mode: Transmitting in ZigBee & Thread 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: 22.1°C
 Humidity: 51%
 Atmospheric Pressure: 102.4kPa
 Test Engineer: Destine Hu
 Check by: Bard Liu
 Test Date: 2026/5/8

Fundamental test with
Band Reject Filter

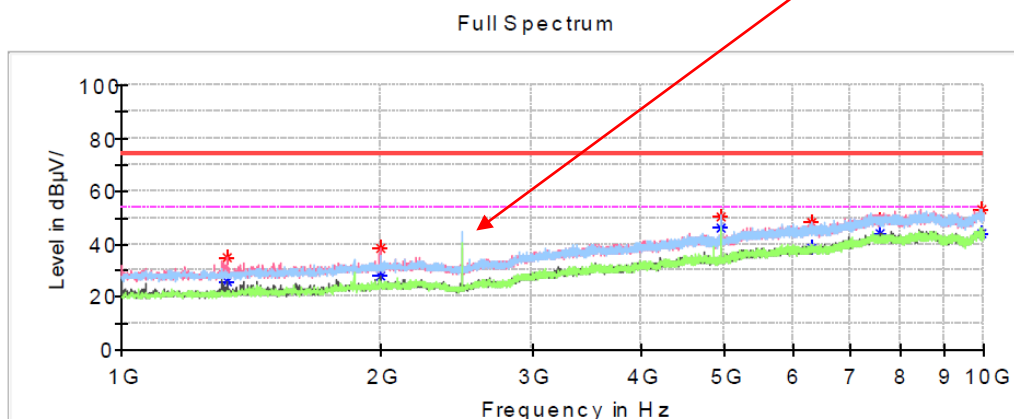
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1400.500000	---	31.08	54.00	22.92	V	-13.5
1400.500000	42.27	---	74.00	31.73	V	-13.5
1571.500000	---	25.21	54.00	28.79	H	-12.8
1571.500000	36.83	---	74.00	37.17	H	-12.8
4880.000000	---	45.65	54.00	8.35	H	-2.1
4880.000000	50.70	---	74.00	23.30	H	-2.1
6412.600000	---	38.47	54.00	15.53	H	0.3
6412.600000	48.12	---	74.00	25.88	H	0.3
9199.000000	---	42.81	54.00	11.19	H	5.8
9199.000000	52.73	---	74.00	21.27	H	5.8
9757.900000	---	45.84	54.00	8.16	H	6.7
9757.900000	52.41	---	74.00	21.59	H	6.7

High Channel: 2480 MHz**Common Information**

Project No.: RKSB260326012
EUT Model: 44228007015
Test Mode: Transmitting in ZigBee & Thread 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: 22.1°C
Humidity: 51%
Atmospheric Pressure: 102.4kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/5/8

Fundamental test with
Band Reject Filter

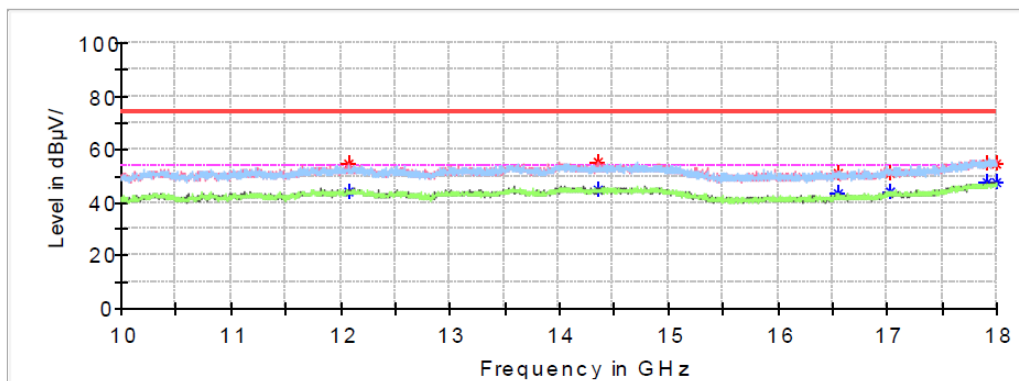
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1323.100000	---	26.06	54.00	27.94	V	-13.8
1323.100000	35.19	---	74.00	38.81	V	-13.8
1996.300000	---	27.80	54.00	26.20	V	-10.6
1996.300000	38.41	---	74.00	35.59	V	-10.6
4960.000000	---	46.16	54.00	7.84	H	-1.9
4960.000000	50.46	---	74.00	23.54	H	-1.9
6303.700000	---	38.57	54.00	15.43	H	0.4
6303.700000	48.32	---	74.00	25.68	H	0.4
7597.900000	49.19	---	74.00	24.81	V	4.4
7597.900000	---	44.01	54.00	9.99	V	4.4
9939.700000	---	44.27	54.00	9.73	H	7.2
9939.700000	53.26	---	74.00	20.74	H	7.2

10GHz-18GHz:**Low Channel: 2405 MHz****Common Information**

Project No.:	RKSB260326012
EUT Model:	44228007015
Test Mode:	Transmitting in ZigBee & Thread 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:	22.1℃
Humidity:	51%
Atmospheric Pressure:	102.4kPa
Test Engineer:	Destine Hu
Check by:	Winnie Yang
Test Date:	2026/5/8

Full Spectrum

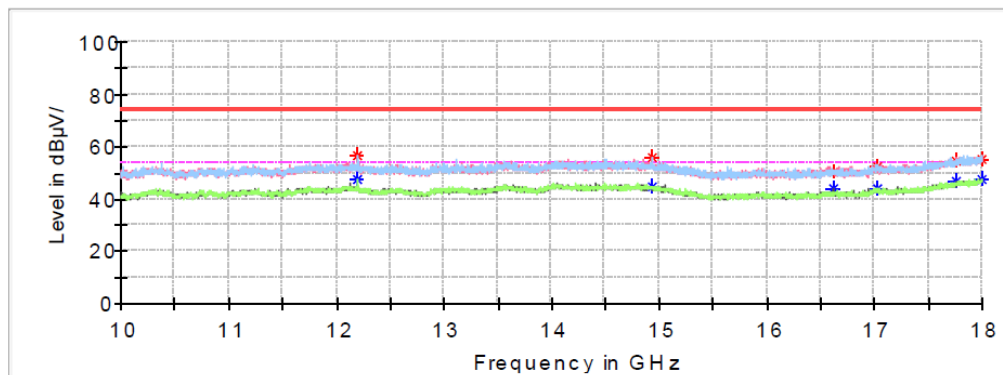
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12080.000000	---	44.36	54.00	9.64	V	9.0
12080.000000	54.39	---	74.00	19.61	V	9.0
14350.400000	55.11	---	74.00	18.89	V	11.0
14350.400000	---	44.90	54.00	9.10	V	11.0
16553.600000	51.01	---	74.00	22.99	H	7.8
16553.600000	---	43.53	54.00	10.47	H	7.8
17033.600000	---	44.27	54.00	9.73	H	9.6
17033.600000	50.88	---	74.00	23.12	H	9.6
17916.800000	54.73	---	74.00	19.27	V	13.3
17916.800000	---	47.52	54.00	6.48	V	13.3
17996.800000	---	47.49	54.00	6.51	V	13.8
17996.800000	54.82	---	74.00	19.18	V	13.8

Middle Channel: 2440 MHz**Common Information**

Project No.: RKS260326012
 EUT Model: 44228007015
 Test Mode: Transmitting in ZigBee & Thread 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: 22.1℃
 Humidity: 51%
 Atmospheric Pressure: 102.4kPa
 Test Engineer: Destine Hu
 Check by: Winnie Yang
 Test Date: 2026/5/8

Full Spectrum

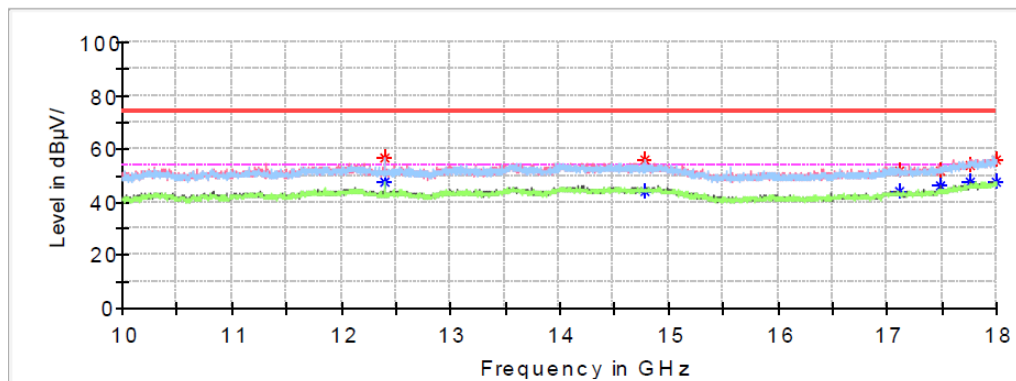
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12201.600000	56.81	---	74.00	17.19	H	8.9
12201.600000	---	47.64	54.00	6.36	H	8.9
14937.600000	---	44.60	54.00	9.40	H	9.6
14937.600000	55.82	---	74.00	18.18	H	9.6
16612.800000	50.34	---	74.00	23.66	V	8.0
16612.800000	---	43.74	54.00	10.26	V	8.0
17036.800000	52.10	---	74.00	21.90	H	9.6
17036.800000	---	44.13	54.00	9.87	H	9.6
17756.800000	54.71	---	74.00	19.29	V	12.3
17756.800000	---	46.98	54.00	7.02	V	12.3
17995.200000	55.12	---	74.00	18.88	V	13.8
17995.200000	---	47.65	54.00	6.35	V	13.8

High Channel: 2480 MHz**Common Information**

Project No.: RKS260326012
 EUT Model: 44228007015
 Test Mode: Transmitting in ZigBee & Thread 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: 22.1°C
 Humidity: 51%
 Atmospheric Pressure: 102.4kPa
 Test Engineer: Destine Hu
 Check by: Winnie Yang
 Test Date: 2026/5/8

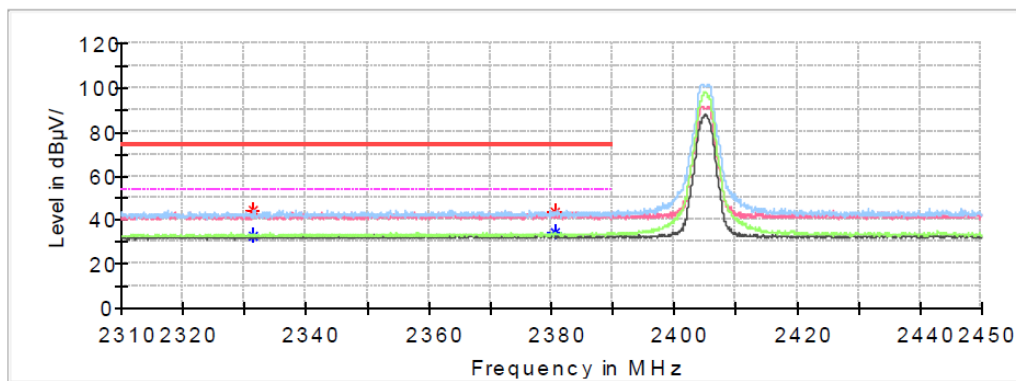
Full Spectrum

**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)
12396.800000	---	47.83	54.00	6.17	H	8.8
12396.800000	56.34	---	74.00	17.66	H	8.8
14780.800000	56.05	---	74.00	17.95	V	10.1
14780.800000	---	44.22	54.00	9.78	V	10.1
17107.200000	51.83	---	74.00	22.17	V	9.8
17107.200000	---	44.39	54.00	9.61	V	9.8
17491.200000	---	46.13	54.00	7.87	H	10.8
17491.200000	51.81	---	74.00	22.19	H	10.8
17769.600000	---	47.31	54.00	6.69	H	12.4
17769.600000	54.02	---	74.00	19.98	H	12.4
17998.400000	56.27	---	74.00	17.73	V	13.8
17998.400000	---	47.43	54.00	6.57	V	13.8

Restricted Bands Emission:**Left Side****Common Information**

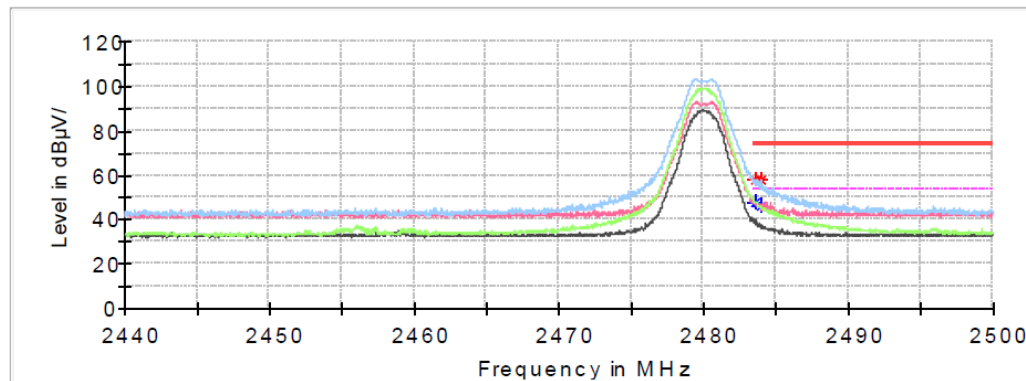
Project No.:	RKS260326012
EUT Model:	44228007015
Test Mode:	Transmitting in ZigBee & Thread Low Channel
Standard:	FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	22.1℃
Humidity:	51%
Atmospheric Pressure:	102.4kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/5/8

Full Spectrum**Critical_Freqs**

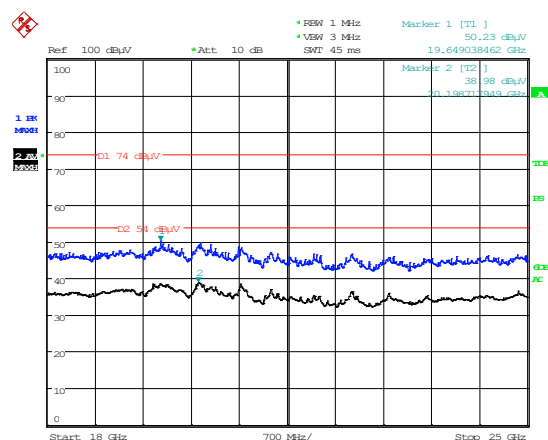
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2331.560000	---	32.84	54.00	21.16	H	-0.7
2331.560000	44.44	---	74.00	29.56	H	-0.7
2380.672000	---	34.46	54.00	19.54	H	-0.6
2380.672000	43.64	---	74.00	30.36	H	-0.6

Right Side**Common Information**

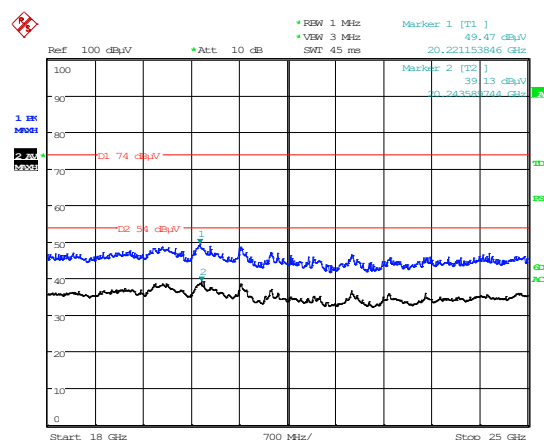
Project No.: RKSB260326012
EUT Model: 44228007015
Test Mode: Transmitting in ZigBee & Thread High Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 22.1℃
Humidity: 51%
Atmospheric Pressure: 102.4kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/5/8

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)
2483.560000	57.56	---	74.00	16.44	H	-0.3
2483.560000	---	47.97	54.00	6.03	H	-0.3
2483.944000	---	46.32	54.00	7.68	H	-0.3
2483.944000	58.12	---	74.00	15.88	H	-0.3

18 GHz - 25 GHz (Transmitting in maximum output power mode ZigBee & Thread high channel):**Horizontal**

Project No : RKSB260326012 Tester : Hugh Wu
Date: 9.MAY.2026 13:58:09

Vertical

Project No : RKSB260326012 Tester : Hugh Wu
Date: 9.MAY.2026 14:30:44

Frequency (GHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
20.24	---	39.13	54	14.87	V	12.5
20.22	49.47	---	74	24.53	V	12.48
20.20	---	38.98	54	15.02	H	12.46
19.65	50.23	---	74	23.77	H	11.27

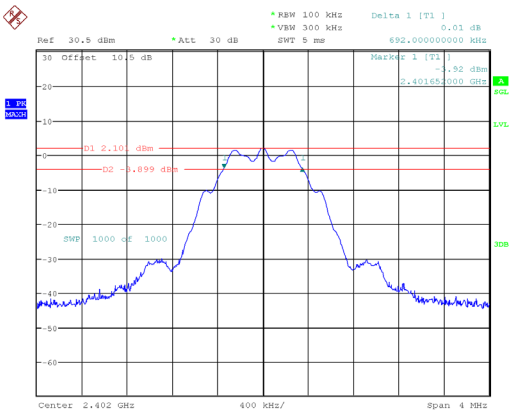
Note: The test distance is 3m. The limit is 74dBμV/m(Peak) and 54dBμV/m(Average).

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

Test Date:	2026-04-09
Temperature:	20.7°C
Relative Humidity:	65 %
ATM Pressure:	100.5 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

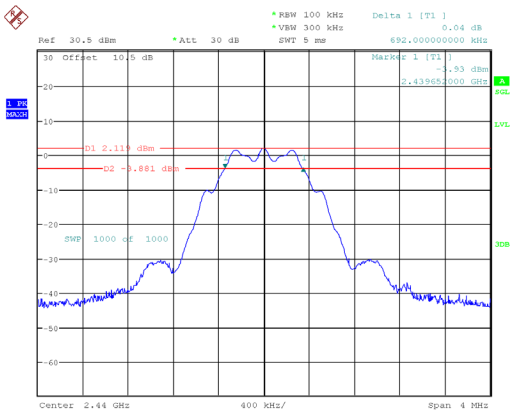
Mode	Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	Limit (MHz)
BLE (125 kbps)	Low	2402	0.692	≥0.5
	Middle	2440	0.692	≥0.5
	High	2480	0.692	≥0.5
BLE (500 kbps)	Low	2402	0.708	≥0.5
	Middle	2440	0.712	≥0.5
	High	2480	0.712	≥0.5
BLE (1 Mbps)	Low	2402	0.708	≥0.5
	Middle	2440	0.712	≥0.5
	High	2480	0.716	≥0.5
BLE (2 Mbps)	Low	2402	1.398	≥0.5
	Middle	2440	1.398	≥0.5
	High	2480	1.398	≥0.5
ZigBee & Thread	Low	2405	1.650	≥0.5
	Middle	2440	1.644	≥0.5
	High	2480	1.644	≥0.5

BLE (125 kbps): Low Channel



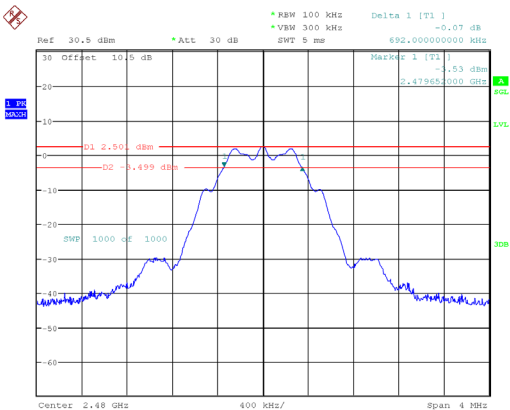
ProjectNo.:RKS260326012 Tester:Neil Zhou
Date: 9.APR.2026 15:43:14

BLE (125 kbps): Middle Channel



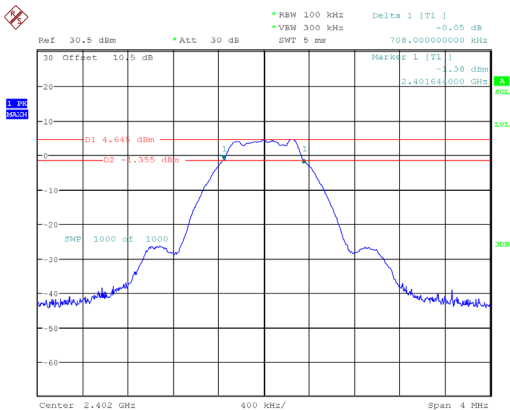
ProjectNo.:RKS260326012 Tester:Neil Zhou
Date: 9.APR.2026 15:51:17

BLE (125 kbps): High Channel



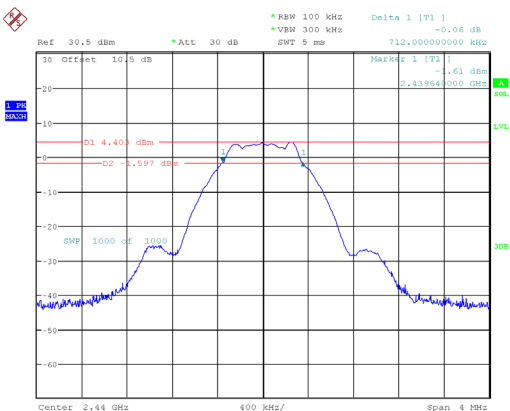
ProjectNo.:RKS260326012 Tester:Neil Zhou
Date: 9.APR.2026 15:59:58

BLE (500 kbps): Low Channel



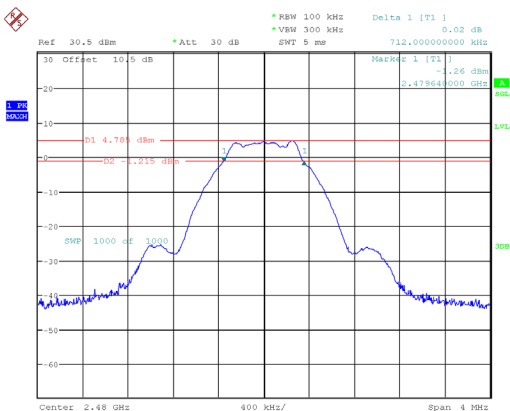
ProjectNo.:RKS260326012 Tester:Neil Zhou
Date: 9.APR.2026 15:09:01

BLE (500 kbps): Middle Channel



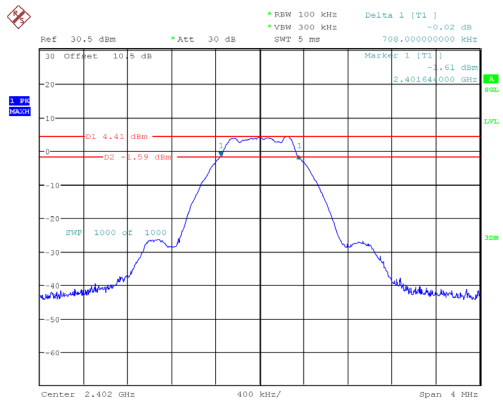
ProjectNo.:RKS260326012 Tester:Neil Zhou
Date: 9.APR.2026 15:16:52

BLE (500 kbps): High Channel



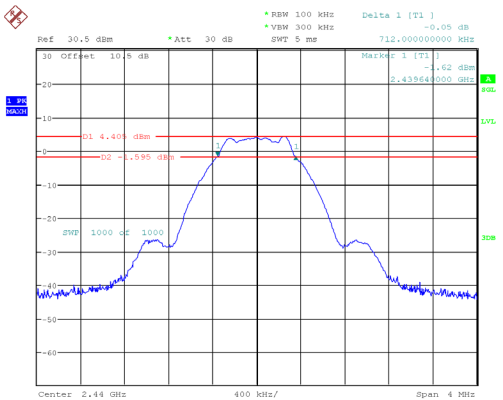
ProjectNo.:RKS260326012 Tester:Neil Zhou
Date: 9.APR.2026 15:23:52

BLE (1 Mbps): Low Channel



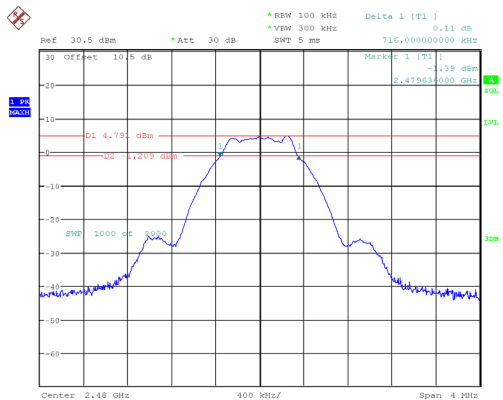
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:12:29

BLE (1 Mbps): Middle Channel



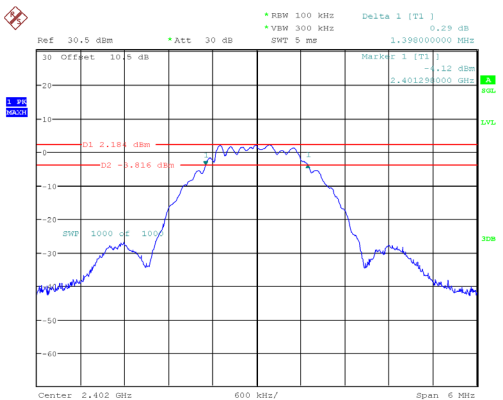
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:20:12

BLE (1 Mbps): High Channel



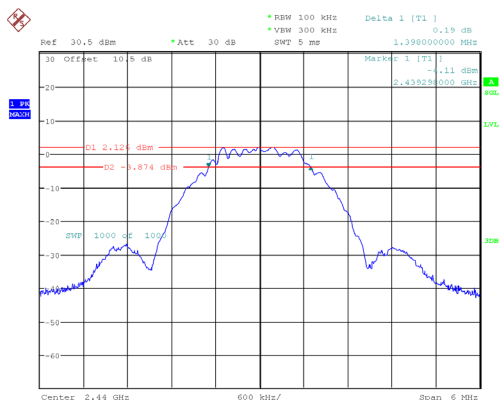
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:27:13

BLE (2 Mbps): Low Channel



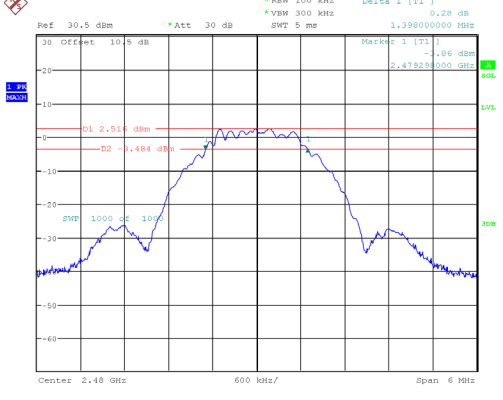
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:35:18

BLE (2 Mbps): Middle Channel



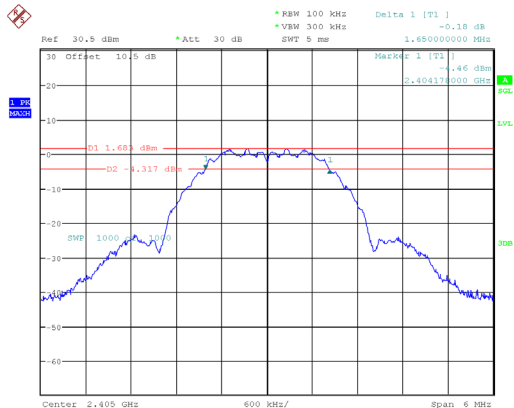
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:45:09

BLE (2 Mbps): High Channel



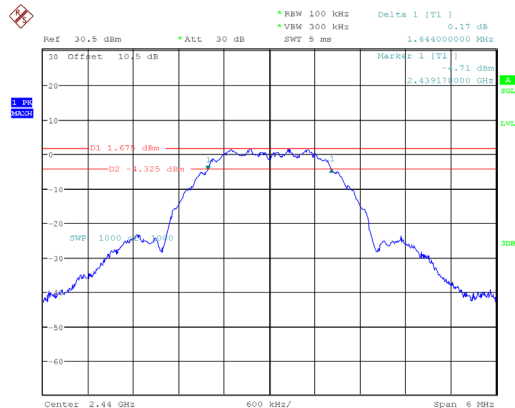
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:52:45

ZigBee & Thread: Low Channel



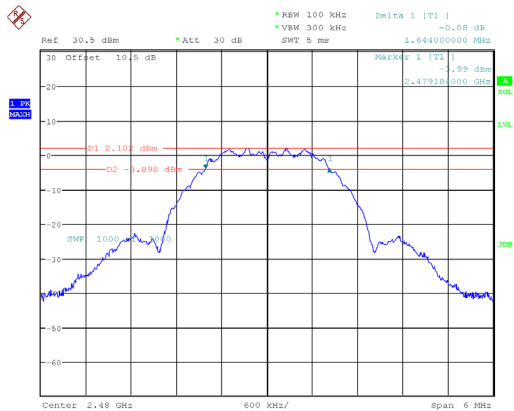
ProjectNo.:RKS260326012 Tester:Neil Zhou
Date: 9.APR.2026 13:40:49

ZigBee & Thread: Middle Channel



ProjectNo.:RKS260326012 Tester:Neil Zhou
Date: 9.APR.2026 13:50:59

ZigBee & Thread: High Channel



ProjectNo.:RKS260326012 Tester:Neil Zhou
Date: 9.APR.2026 13:58:26

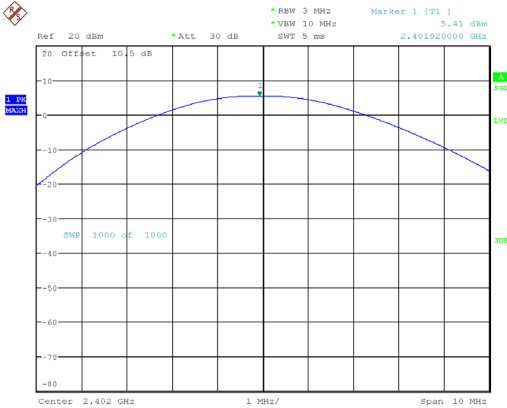
MAXIMUM CONDUCTED OUTPUT POWER**Environmental Conditions & Test Information**

Test Date:	2026-04-09
Temperature:	20.7°C
Relative Humidity:	65 %
ATM Pressure:	100.5 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Result: Compliant.*EUT operation mode: Transmitting*

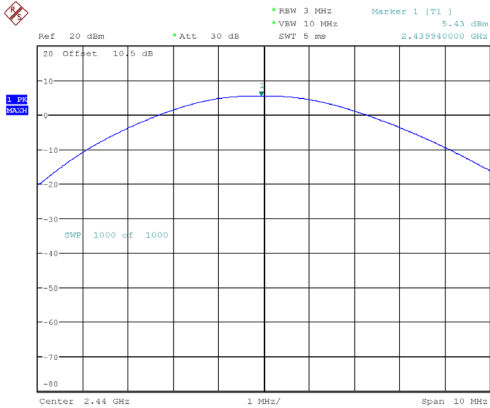
Mode	Channel	Frequency (MHz)	Max Conducted Peak Output Power (dBm)	Limit (dBm)	Result
BLE (125 kbps)	Low	2402	5.41	30	Pass
	Middle	2440	5.43	30	Pass
	High	2480	5.81	30	Pass
BLE (500 kbps)	Low	2402	5.67	30	Pass
	Middle	2440	5.41	30	Pass
	High	2480	5.83	30	Pass
BLE (1 Mbps)	Low	2402	5.44	30	Pass
	Middle	2440	5.42	30	Pass
	High	2480	5.82	30	Pass
BLE (2 Mbps)	Low	2402	5.50	30	Pass
	Middle	2440	5.45	30	Pass
	High	2480	5.85	30	Pass
ZigBee & Thread	Low	2405	5.47	30	Pass
	Middle	2440	5.47	30	Pass
	High	2480	5.85	30	Pass

BLE (125 kbps): Low Channel



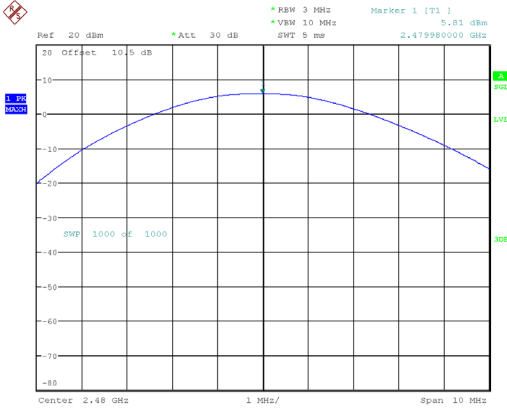
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 15:44:16

BLE (125 kbps): Middle Channel



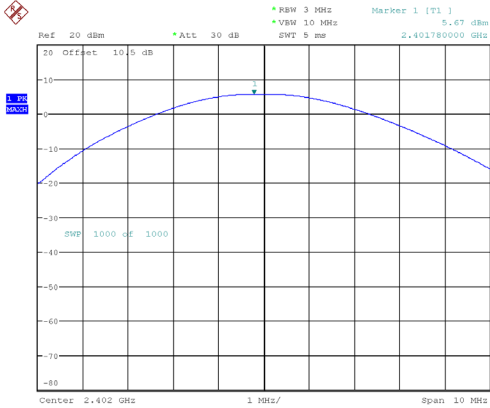
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 15:53:31

BLE (125 kbps): High Channel



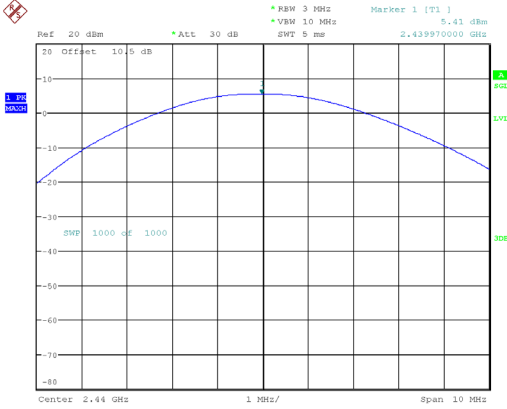
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 16:00:35

BLE (500 kbps): Low Channel



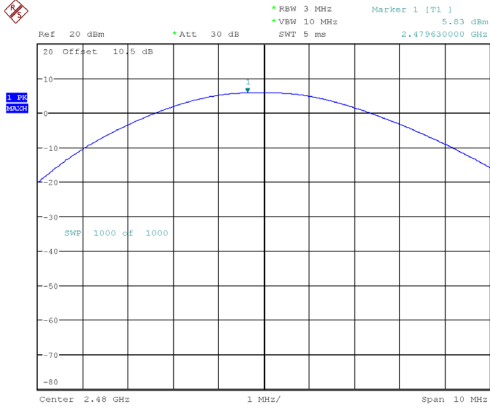
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 15:09:46

BLE (500 kbps): Middle Channel



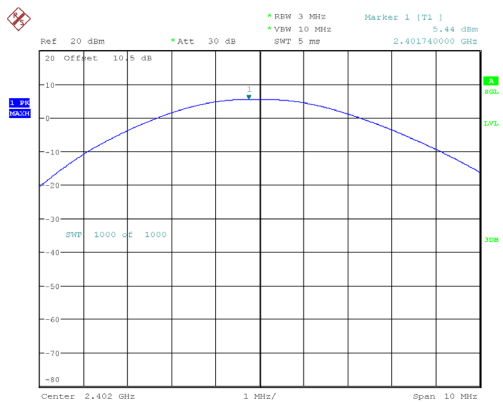
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 15:17:31

BLE (500 kbps): High Channel



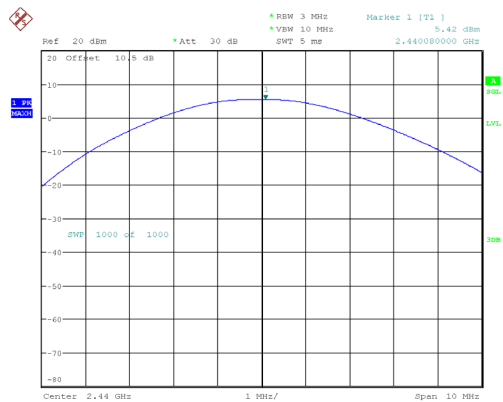
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 15:24:29

BLE (1 Mbps): Low Channel



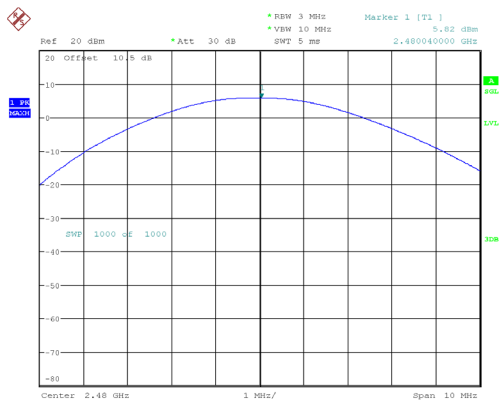
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:13:06

BLE (1 Mbps): Middle Channel



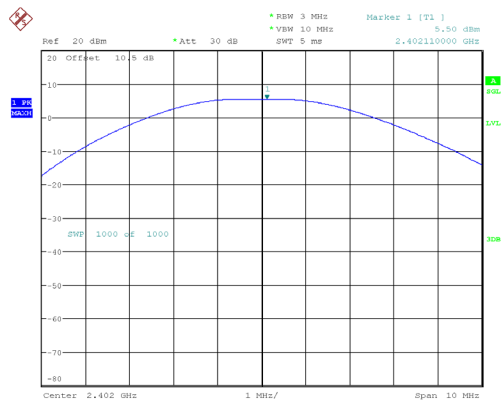
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:20:50

BLE (1 Mbps): High Channel



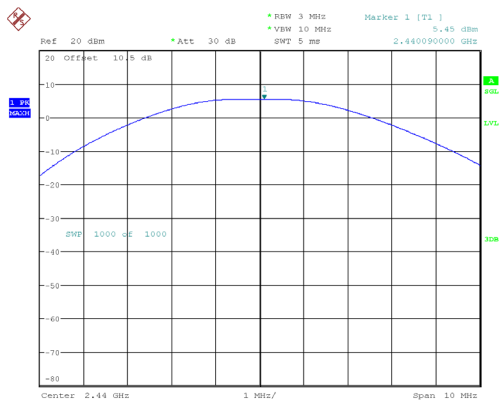
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:27:52

BLE (2 Mbps): Low Channel



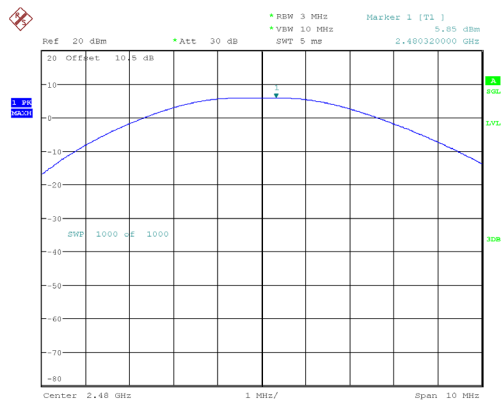
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:37:46

BLE (2 Mbps): Middle Channel



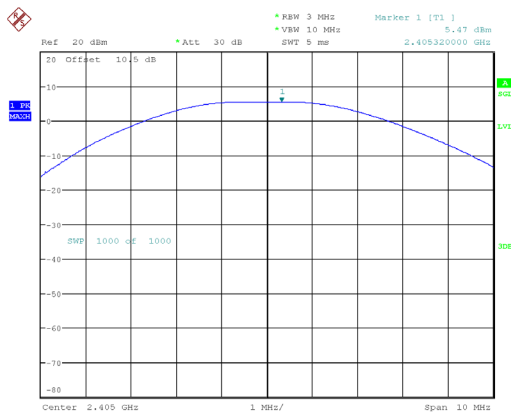
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:45:47

BLE (2 Mbps): High Channel



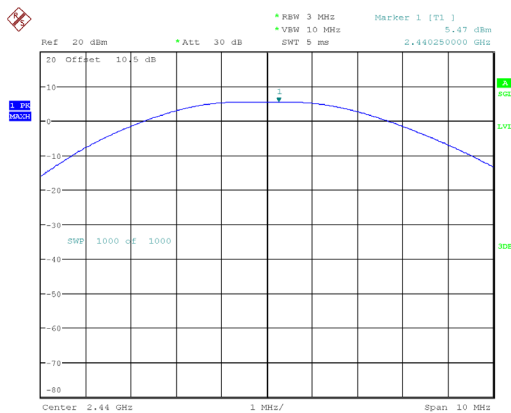
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:53:25

ZigBee & Thread: Low Channel



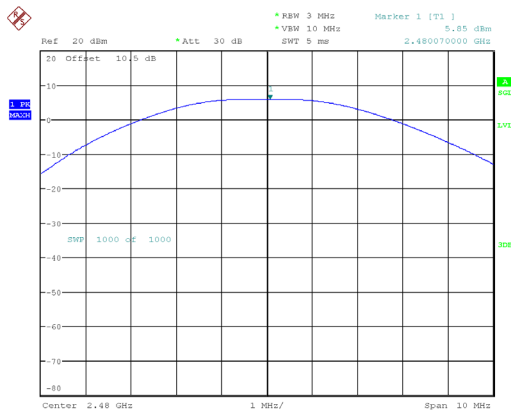
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 13:42:03

ZigBee & Thread: Middle Channel



ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 13:51:38

ZigBee & Thread: High Channel



ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 13:59:02

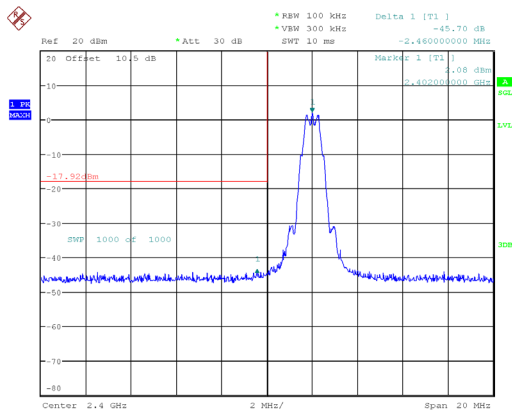
BAND EDGE**Environmental Conditions & Test Information**

Test Date:	2026-04-09
Temperature:	20.7°C
Relative Humidity:	65 %
ATM Pressure:	100.5 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

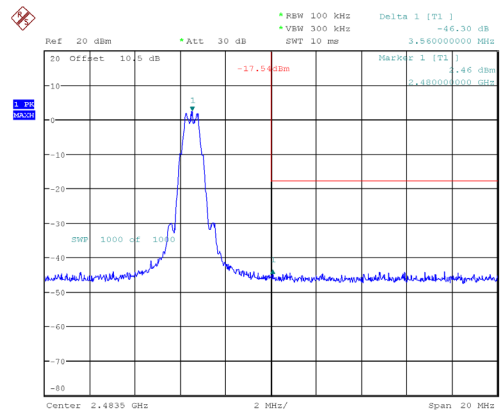
Test Result: Compliant.

EUT operation mode: Transmitting

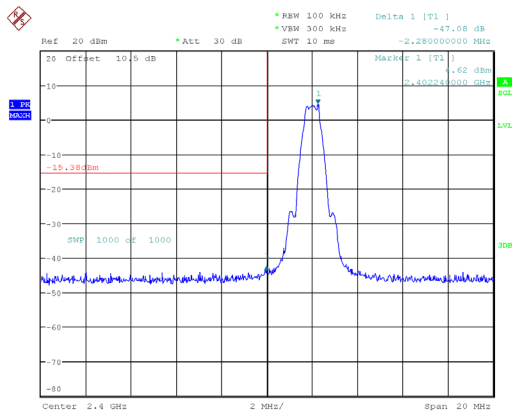
Mode	Channel	Frequency (MHz)	Result (dBc)	Limit (dBc)
BLE (125 kbps)	Low	2402	45.70	20
	High	2480	46.30	
BLE (500 kbps)	Low	2402	47.08	
	High	2480	48.60	
BLE (1 Mbps)	Low	2402	47.70	
	High	2480	48.64	
BLE (2 Mbps)	Low	2402	30.02	
	High	2480	45.16	
ZigBee & Thread	Low	2405	45.35	
	High	2480	45.19	

BLE (125 kbps):**Left Side**

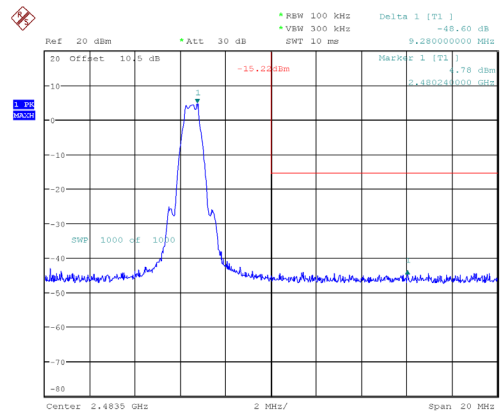
ProjectNo.:RKS260326012 Tester:Neil Zhou
Date: 9.APR.2026 15:45:15

Right Side

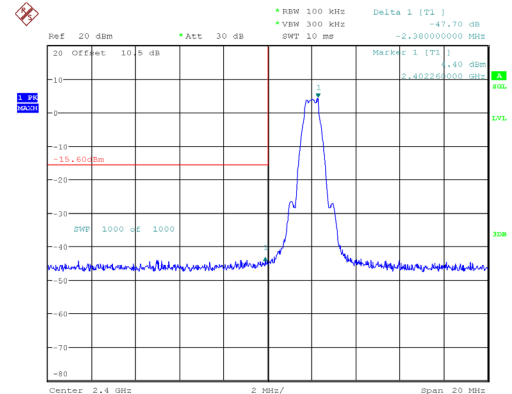
ProjectNo.:RKS260326012 Tester:Neil Zhou
Date: 9.APR.2026 16:01:34

BLE (500 kbps):**Left Side**

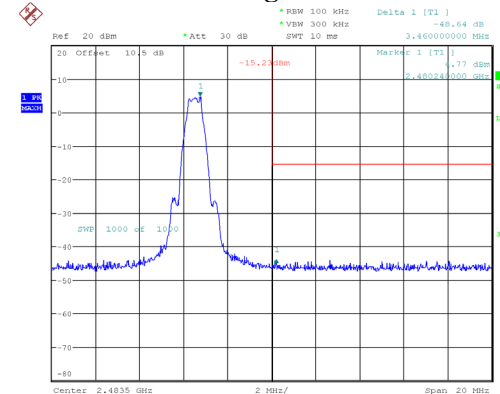
ProjectNo.:RKS260326012 Tester:Neil Zhou
Date: 9.APR.2026 15:10:46

Right Side

ProjectNo.:RKS260326012 Tester:Neil Zhou
Date: 9.APR.2026 15:25:28

BLE (1 Mbps):**Left Side**

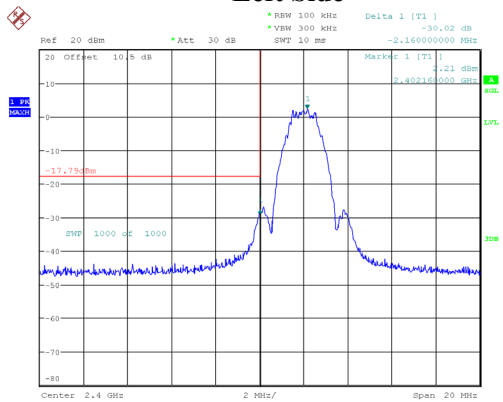
ProjectNo.:RKS260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:14:05

Right Side

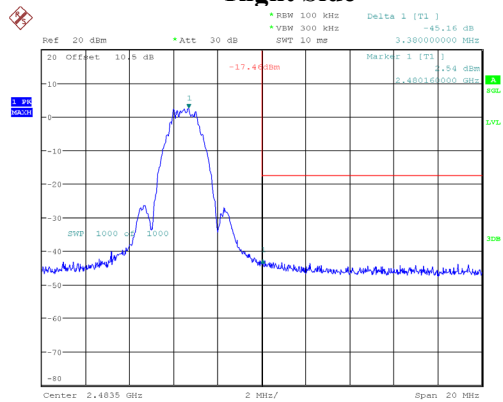
ProjectNo.:RKS260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:20:51

BLE (2 Mbps):

Left Side



Right Side

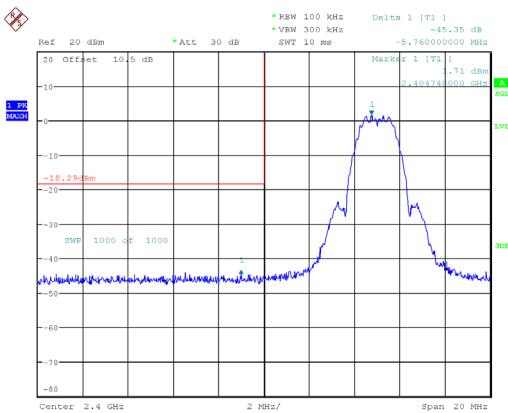


ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:38:45

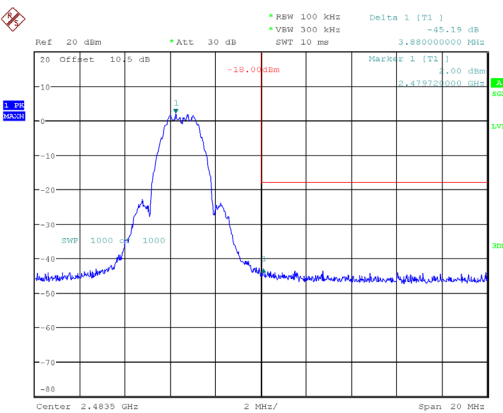
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:54:25

ZigBee & Thread:

Left Side



Right Side



ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 13:43:01

ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:00:01

POWER SPECTRAL DENSITY**Environmental Conditions & Test Information**

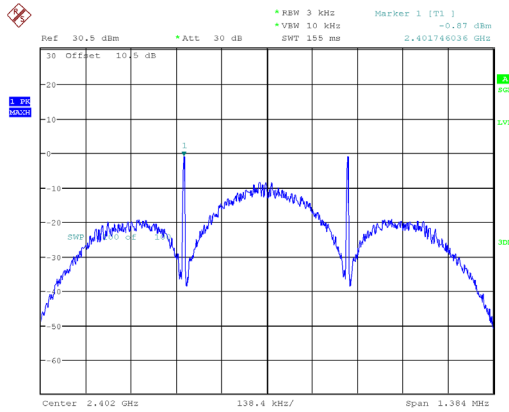
Test Date:	2026-04-09
Temperature:	20.7°C
Relative Humidity:	65 %
ATM Pressure:	100.5 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Result: Compliant.

EUT operation mode: Transmitting

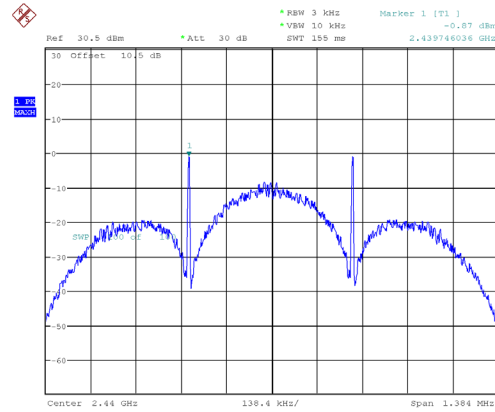
Mode	Channel	Frequency (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)
BLE (125 kbps)	Low	2402	-0.87	≤8
	Middle	2440	-0.87	≤8
	High	2480	-0.55	≤8
BLE (500 kbps)	Low	2402	-11.28	≤8
	Middle	2440	-11.51	≤8
	High	2480	-11.09	≤8
BLE (1 Mbps)	Low	2402	-11.51	≤8
	Middle	2440	-11.52	≤8
	High	2480	-11.13	≤8
BLE (2 Mbps)	Low	2402	-17.00	≤8
	Middle	2440	-17.03	≤8
	High	2480	-16.63	≤8
ZigBee & Thread	Low	2405	-9.77	≤8
	Middle	2440	-9.83	≤8
	High	2480	-9.42	≤8

BLE (125 kbps): Low Channel



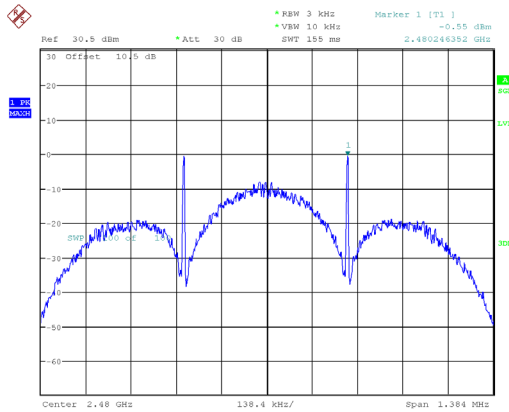
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 15:45:39

BLE (125 kbps): Middle Channel



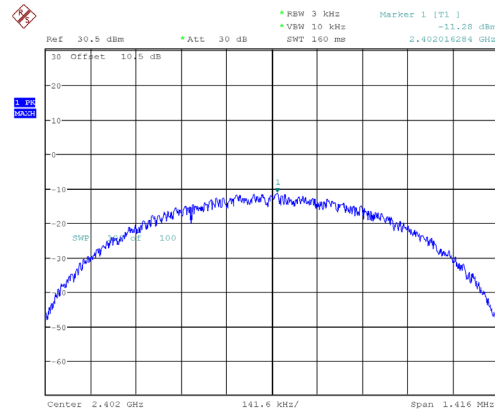
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 15:53:56

BLE (125 kbps): High Channel



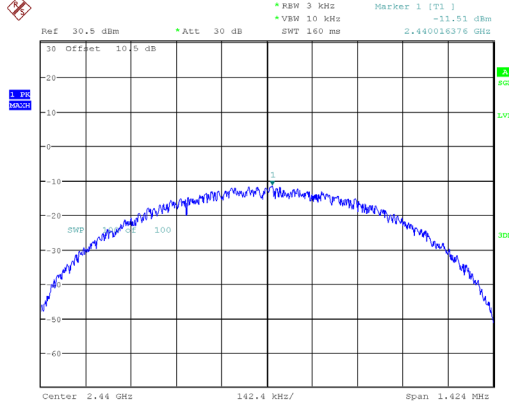
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 16:01:59

BLE (500 kbps): Low Channel



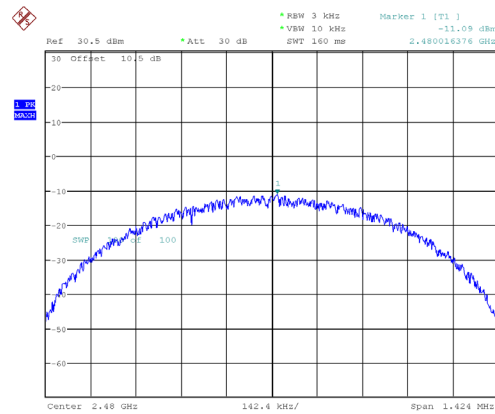
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 15:11:12

BLE (500 kbps): Middle Channel



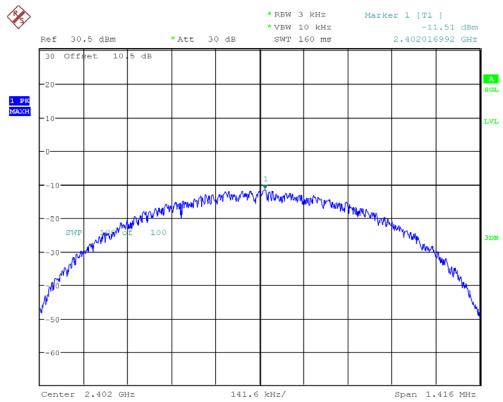
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 15:17:57

BLE (500 kbps): High Channel



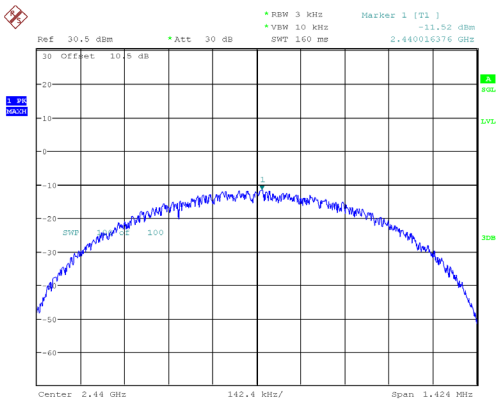
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 15:25:54

BLE (1 Mbps): Low Channel



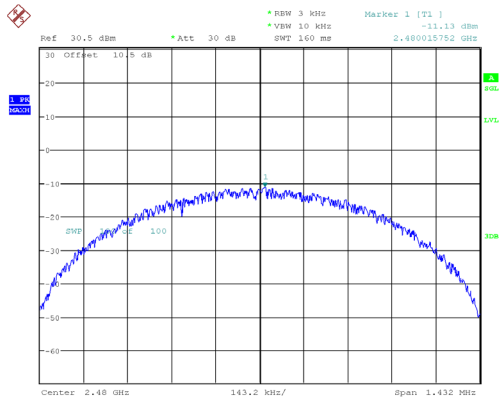
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:14:31

BLE (1 Mbps): Middle Channel



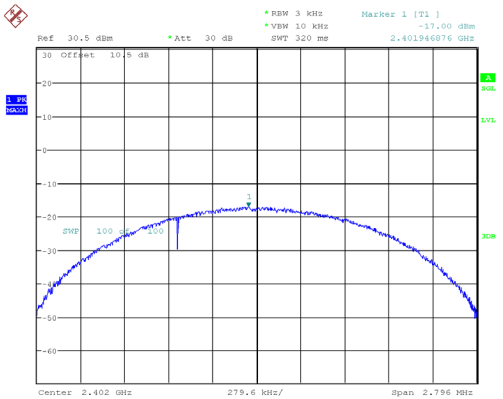
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:21:15

BLE (1 Mbps): High Channel



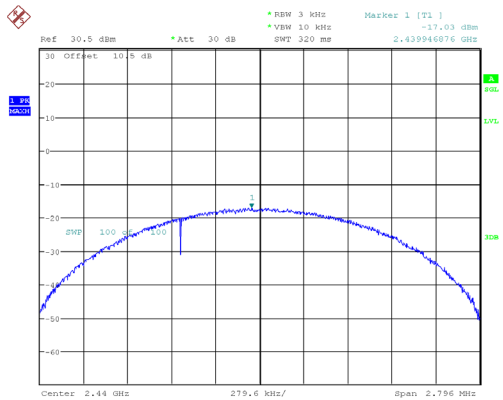
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:29:17

BLE (2 Mbps): Low Channel



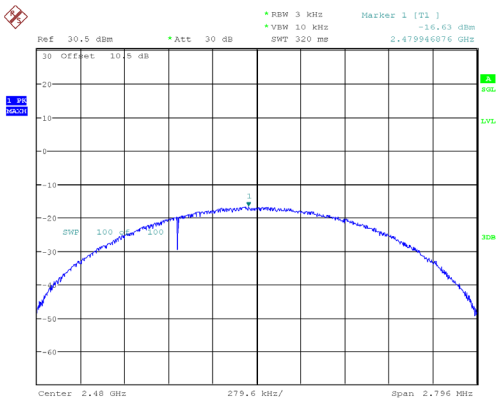
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:39:27

BLE (2 Mbps): Middle Channel



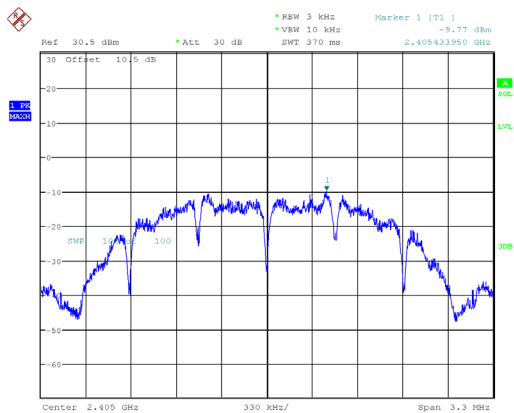
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:46:29

BLE (2 Mbps): High Channel



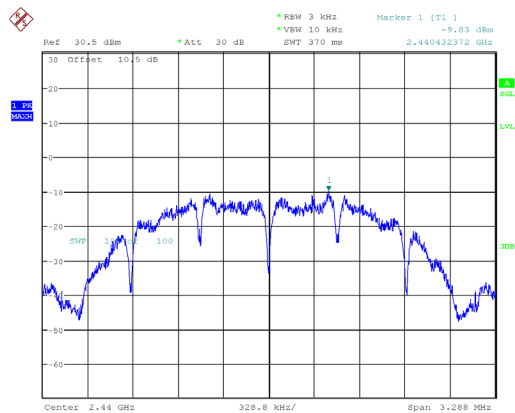
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:55:06

ZigBee & Thread: Low Channel



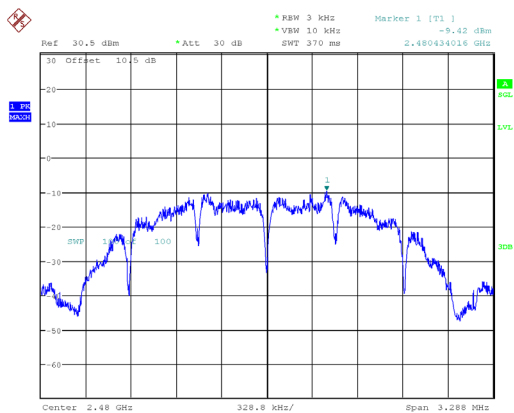
ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 13:50:13

ZigBee & Thread: Middle Channel



ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 13:52:24

ZigBee & Thread: High Channel



ProjectNo.:RKSB260326012 Tester:Neil Zhou
Date: 9.APR.2026 14:00:48