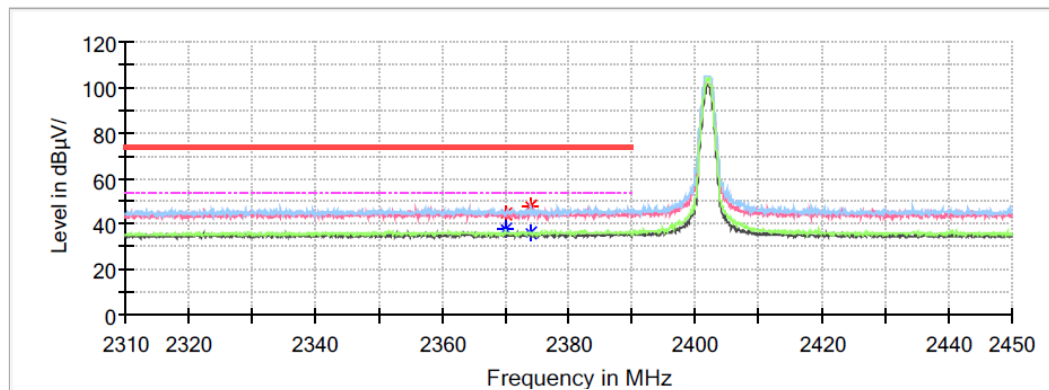


Restricted Bands Emission:**Left Side****Common Information**

Project No.: RKSB260108005
EUT Model: 9290038539A
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: 15.8℃
Humidity: 47%
Atmospheric Pressure: 102.5kPa
Test Engineer: Destine Hu
Test Date: 2026/1/26

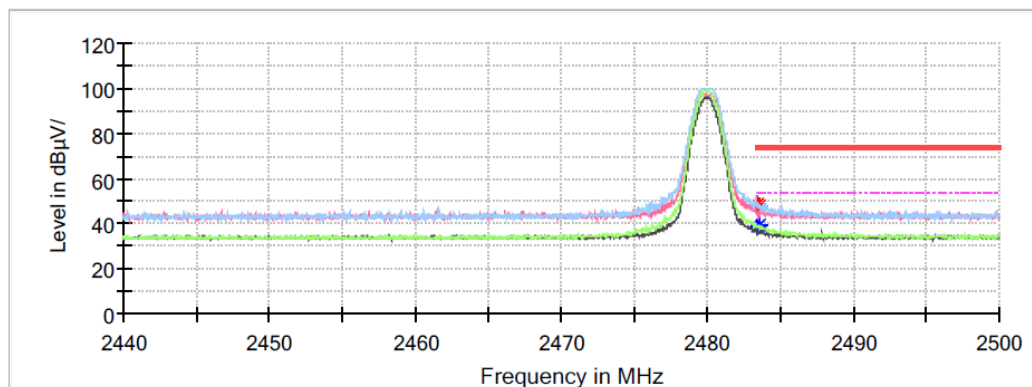
Full Spectrum

**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)
2369.976000	44.37	---	74.00	29.63	H	0.4
2369.976000	---	37.35	54.00	16.65	H	0.4
2374.064000	47.57	---	74.00	26.43	H	0.4
2374.064000	---	35.76	54.00	18.24	H	0.4

Right Side**Common Information**

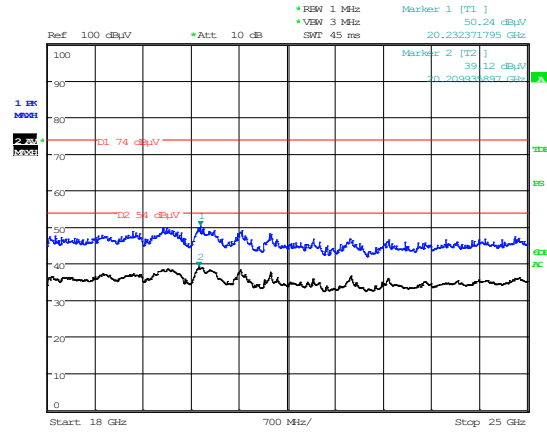
Project No.: RKSB260108005
EUT Model: 9290038539A
Test Mode: Transmitting in BLE-1M High Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 15.8°C
Humidity: 47%
Atmospheric Pressure: 102.5kPa
Test Engineer: Destine Hu
Test Date: 2026/1/26

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	---	38.64	54.00	15.36	H	0.5
2483.512000	48.66	---	74.00	25.34	H	0.5
2483.584000	---	39.26	54.00	14.74	H	0.5
2483.584000	47.88	---	74.00	26.12	H	0.5

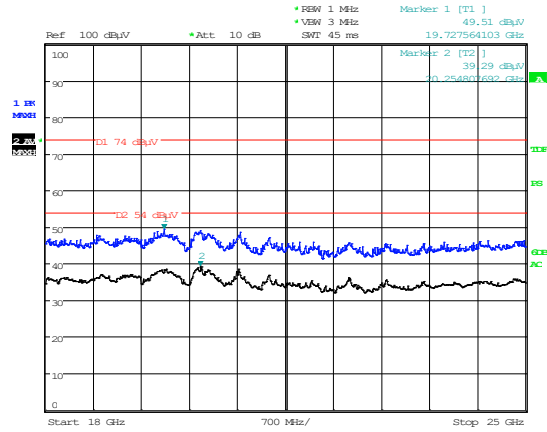
18 GHz - 25 GHz (Transmitting in maximum output power mode BLE (1 Mbps) low channel):

Horizontal



Project No.: RKS260108005 Tester: Hugh Wu
Date: 10.FEB.2026 09:37:15

Vertical



Project No.: RKS260108005 Tester: Hugh Wu
Date: 10.FEB.2026 10:09:41

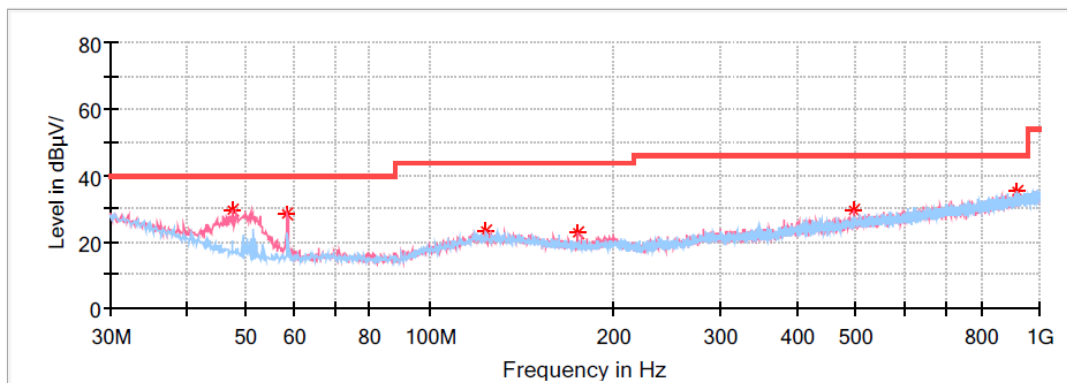
Frequency (GHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
20.25	---	39.29	54	14.71	V	12.51
19.73	49.51	---	74	24.49	V	11.50
20.21	---	39.12	54	14.88	H	12.47
20.23	50.24	---	74	23.76	H	12.49

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

30 MHz-1 GHz (Transmitting in maximum output power mode BLE (2 Mbps) low channel):
Low Channel: 2402 MHz

Common Information

Project No:	RKSB260108005
EUT Model:	9290038539A
Test Mode:	Transmitting in BLE 2M 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:	16.9°C
Humidity:	42%
Barometric Pressure:	102.0 kPa
Test Engineer:	Scarf Yang
Check Engineer:	Hardy Huang
Test Date:	2026/2/4



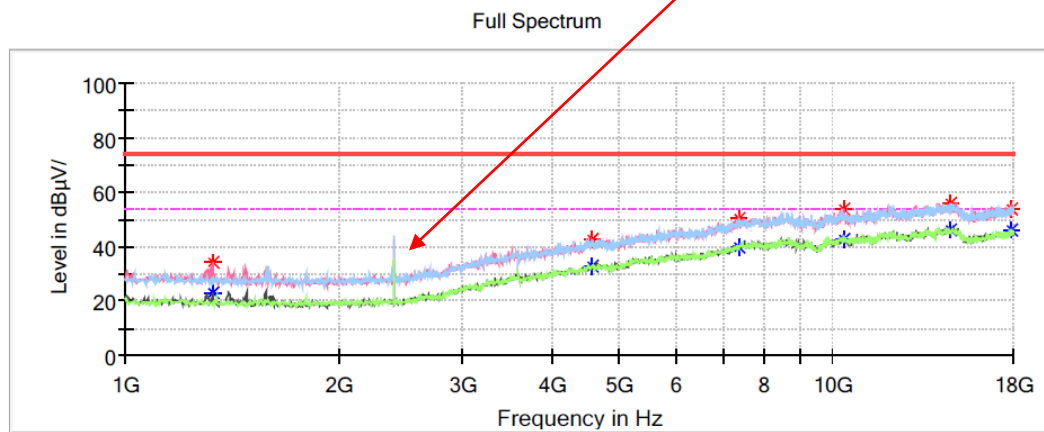
Critical Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
47.581250	29.50	40.00	10.50	V	-15.6
58.493750	28.26	40.00	11.74	V	-17.1
123.605000	23.41	43.50	20.09	V	-10.9
175.500000	22.54	43.50	20.96	V	-12.8
497.297500	29.43	46.00	16.57	V	-5.5
916.095000	35.01	46.00	10.99	H	1.3

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

Project No.: RKS260108005
 EUT Model: 9290038539A
 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: 15.8°C
 Humidity: 47%
 Atmospheric Pressure: 102.5kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/26

Fundamental test with
Band Reject Filter

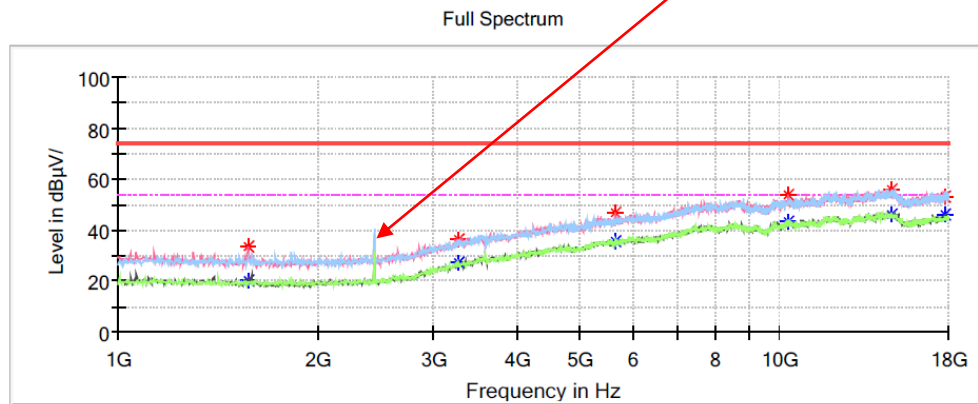
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1326.400000	34.01	---	74.00	39.99	V	-14.0
1326.400000	---	22.97	54.00	31.03	V	-14.0
4563.200000	---	32.82	54.00	21.18	H	-4.0
4563.200000	42.86	---	74.00	31.14	H	-4.0
7388.600000	50.47	---	74.00	23.53	V	2.6
7388.600000	---	40.10	54.00	13.90	V	2.6
10377.200000	---	42.65	54.00	11.35	V	6.6
10377.200000	54.00	---	74.00	20.00	V	6.6
14674.800000	---	45.96	54.00	8.04	H	11.4
14674.800000	56.16	---	74.00	17.84	H	11.4
17850.400000	54.14	---	74.00	19.86	H	11.4
17850.400000	---	46.14	54.00	7.86	H	11.4

Middle Channel: 2440 MHz**Common Information**

Project No.: RKSB260108005
 EUT Model: 9290038539A
 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: 15.8℃
 Humidity: 47%
 Atmospheric Pressure: 102.5kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/26

Fundamental test with
Band Reject Filter

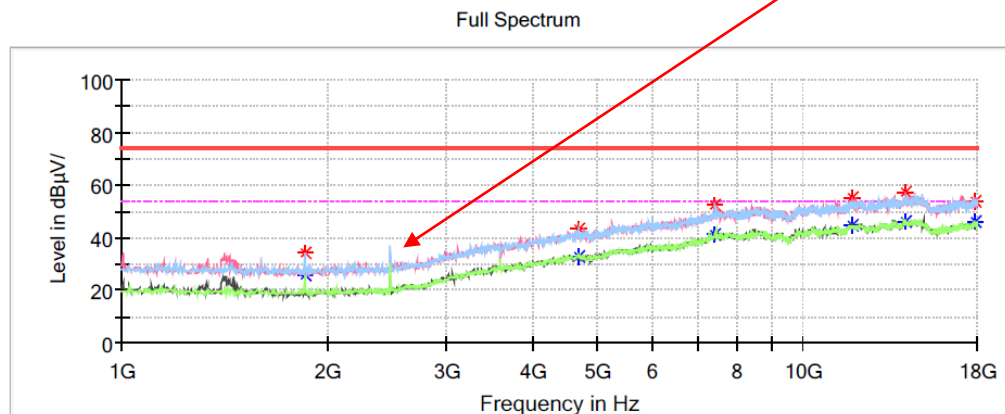
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1571.200000	---	20.09	54.00	33.91	V	-12.9
1571.200000	33.32	---	74.00	40.68	V	-12.9
3274.600000	---	26.95	54.00	27.05	H	-7.1
3274.600000	36.31	---	74.00	37.69	H	-7.1
5630.800000	---	35.35	54.00	18.65	V	-1.4
5630.800000	46.60	---	74.00	27.40	V	-1.4
10309.200000	---	43.49	54.00	10.51	V	6.6
10309.200000	53.94	---	74.00	20.06	V	6.6
14800.600000	56.27	---	74.00	17.73	H	11.0
14800.600000	---	46.02	54.00	7.98	H	11.0
17785.800000	52.97	---	74.00	21.03	V	11.2
17785.800000	---	46.07	54.00	7.93	V	11.2

High Channel: 2480 MHz**Common Information**

Project No.: RKSB260108005
 EUT Model: 9290038539A
 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: 15.8°C
 Humidity: 47%
 Atmospheric Pressure: 102.5kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/26

Fundamental test with
Band Reject Filter

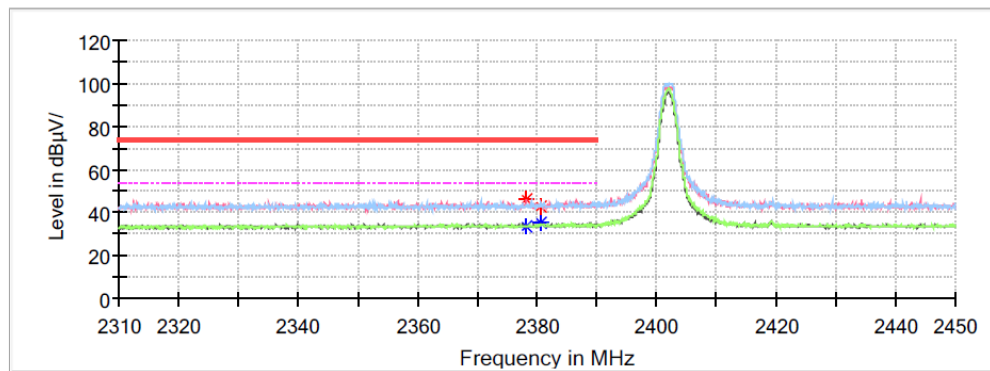
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1856.800000	---	26.10	54.00	27.90	H	-11.0
1856.800000	34.40	---	74.00	39.60	H	-11.0
4672.000000	---	33.05	54.00	20.95	V	-3.8
4672.000000	43.69	---	74.00	30.31	V	-3.8
7436.200000	---	41.05	54.00	12.95	H	2.8
7436.200000	52.11	---	74.00	21.89	H	2.8
11832.400000	---	44.47	54.00	9.53	V	8.7
11832.400000	55.12	---	74.00	18.88	V	8.7
14141.000000	57.27	---	74.00	16.73	H	11.3
14141.000000	---	46.40	54.00	7.60	H	11.3
17932.000000	54.02	---	74.00	19.98	H	11.6
17932.000000	---	46.46	54.00	7.54	H	11.6

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

Project No.: RKSB260108005
EUT Model: 9290038539A
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: 15.8°C
Humidity: 47%
Atmospheric Pressure: 102.5kPa
Test Engineer: Destine Hu
Test Date: 2026/1/26

Full Spectrum

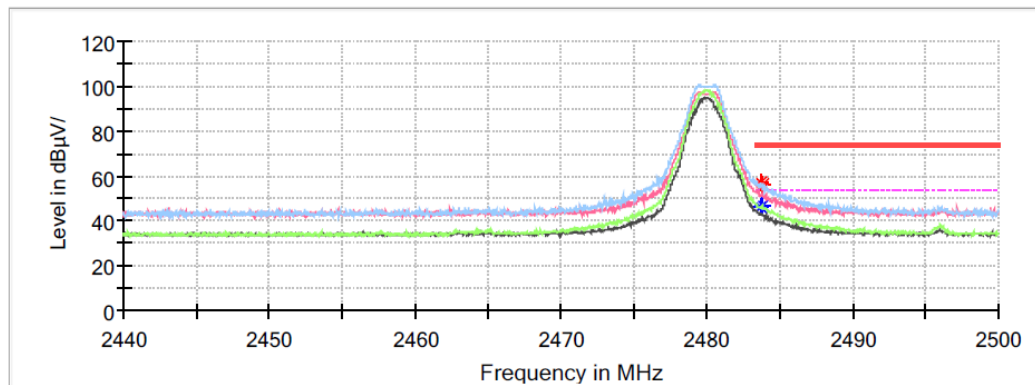
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2378.096000	---	33.73	54.00	20.27	V	0.4
2378.096000	45.99	---	74.00	28.01	V	0.4
2380.672000	---	35.13	54.00	18.87	V	0.4
2380.672000	43.09	---	74.00	30.91	V	0.4

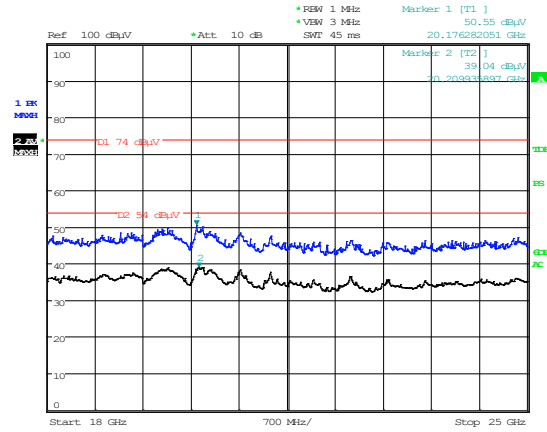
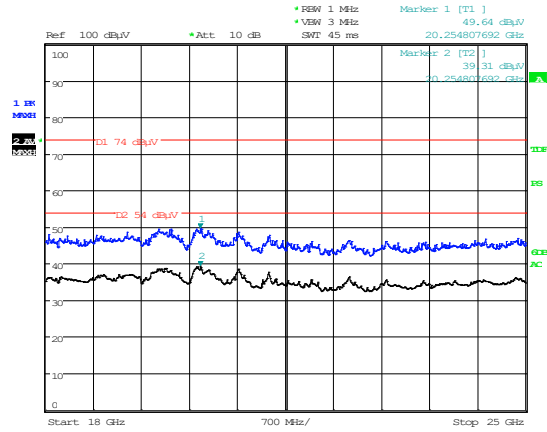
Right Side**Common Information**

Project No.: RKS260108005
EUT Model: 9290038539A
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: 15.8℃
Humidity: 47%
Atmospheric Pressure: 102.5kPa
Test Engineer: Destine Hu
Test Date: 2026/1/26

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)
2483.704000	---	45.96	54.00	8.04	H	0.5
2483.704000	56.83	---	74.00	17.17	H	0.5
2483.776000	---	46.69	54.00	7.31	H	0.5
2483.776000	56.44	---	74.00	17.56	H	0.5

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

Project No.: RKSB260108005 Tester: Hugh Wu
Date: 10.FEB.2026 10:42:19

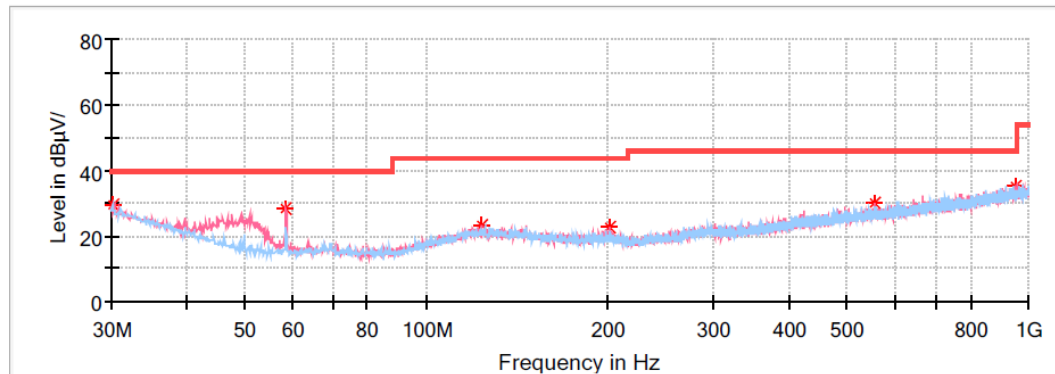
Project No.: RKSB260108005 Tester: Hugh Wu
Date: 10.FEB.2026 11:14:09

Frequency (GHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
20.25	---	39.31	54	14.69	V	12.51
20.25	49.64	---	74	24.36	V	12.51
20.21	---	39.04	54	14.96	H	12.47
20.18	50.55	---	74	23.45	H	12.44

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

Zigbee: (Transmitting in maximum output power mode Zigbee low channel)**30 MHz-1 GHz:****Low Channel: 2405 MHz****Common Information**

Project No:	RKS260108005
EUT Model:	9290038539A
Test Mode:	Transmitting in ZigBee mode
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:	16.9°C
Humidity:	42%
Barometric Pressure:	102.0kPa
Test Engineer:	Scarf Yang
Check Engineer:	Hardy Huang
Test Date:	2026/2/4

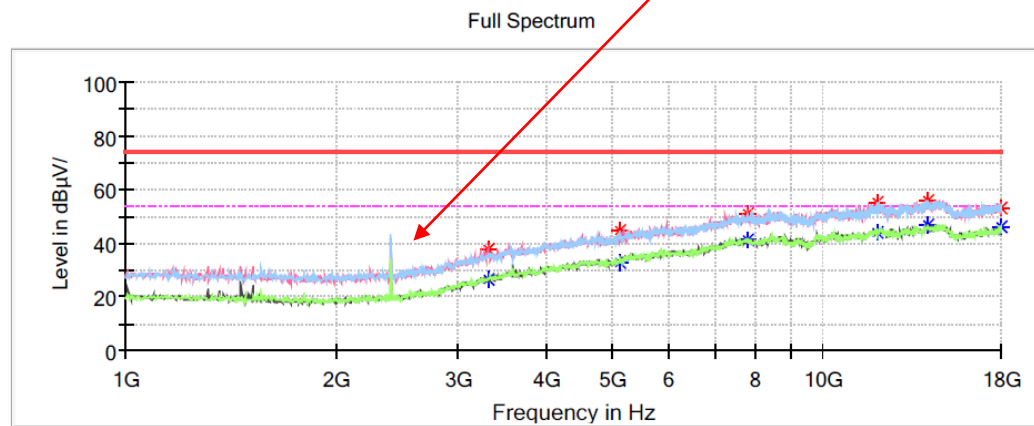
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
30.121250	29.41	40.00	10.59	H	-4.8
58.493750	28.16	40.00	11.84	V	-17.1
123.968750	23.33	43.50	20.17	V	-10.9
201.447500	22.90	43.50	20.60	V	-12.2
555.861250	30.15	46.00	15.85	V	-4.6
951.378750	35.30	46.00	10.70	V	1.9

1GHz-18GHz:**Low Channel: 2405 MHz****Common Information**

Project No.: RKSB260108005
 EUT Model: 9290038539A
 Test Mode: Transmitting in ZigBee
 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: 15.8°C
 Humidity: 47%
 Atmospheric Pressure: 102.5kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/26

Fundamental test with
Band Reject Filter

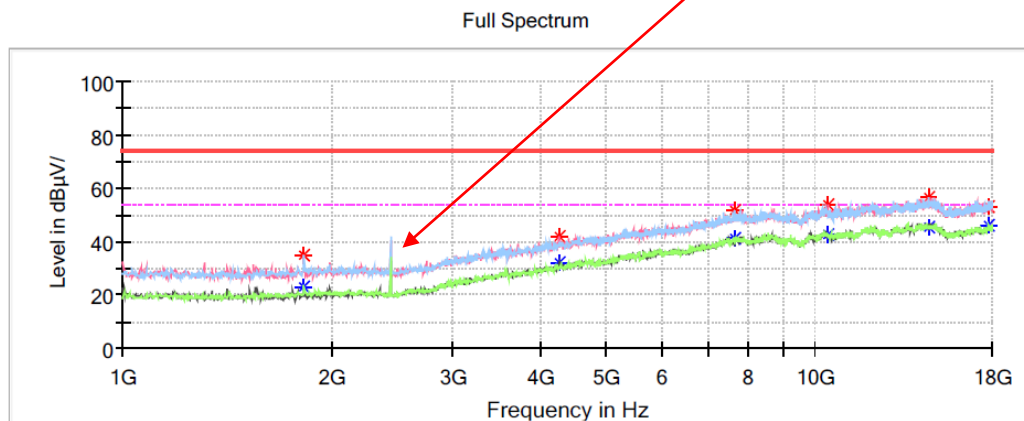
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
3301.800000	---	26.63	54.00	27.37	V	-7.0
3301.800000	37.73	---	74.00	36.27	V	-7.0
5100.400000	---	33.17	54.00	20.83	V	-2.7
5100.400000	44.90	---	74.00	29.10	V	-2.7
7813.600000	---	41.19	54.00	12.81	H	3.2
7813.600000	50.90	---	74.00	23.10	H	3.2
11968.400000	---	44.23	54.00	9.77	H	9.0
11968.400000	55.34	---	74.00	18.66	H	9.0
14164.800000	---	46.78	54.00	7.22	V	11.4
14164.800000	55.75	---	74.00	18.25	V	11.4
17945.600000	53.42	---	74.00	20.58	H	11.6
17945.600000	---	46.01	54.00	7.99	H	11.6

Middle Channel: 2440 MHz**Common Information**

Project No.: RKS260108005
EUT Model: 9290038539A
Test Mode: Transmitting in ZigBee
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: 15.8°C
Humidity: 47%
Atmospheric Pressure: 102.5kPa
Test Engineer: Destine Hu
Test Date: 2026/1/26

Fundamental test with
Band Reject Filter

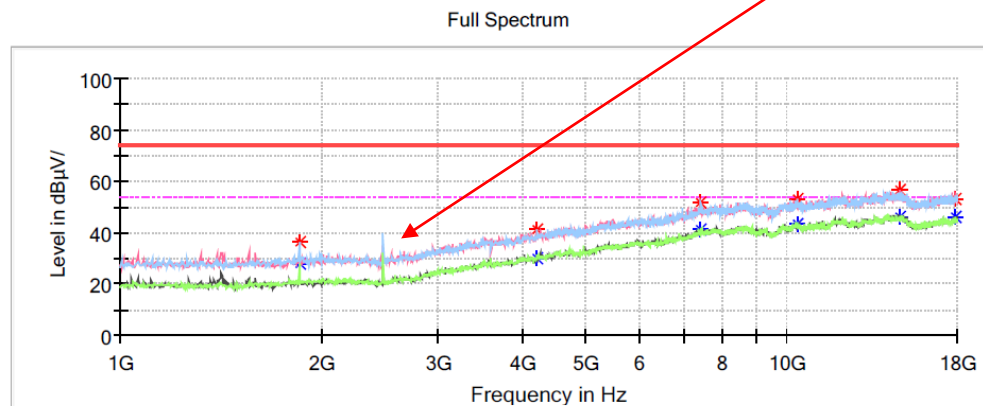
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1829.600000	---	23.15	54.00	30.85	H	-11.2
1829.600000	34.69	---	74.00	39.31	H	-11.2
4257.200000	---	32.11	54.00	21.89	V	-4.6
4257.200000	41.76	---	74.00	32.24	V	-4.6
7626.600000	---	40.96	54.00	13.04	H	3.0
7626.600000	51.48	---	74.00	22.52	H	3.0
10431.600000	---	42.84	54.00	11.16	H	6.7
10431.600000	53.51	---	74.00	20.49	H	6.7
14603.400000	56.48	---	74.00	17.52	V	11.6
14603.400000	---	45.32	54.00	8.68	V	11.6
17830.000000	53.16	---	74.00	20.84	H	11.3
17830.000000	---	46.22	54.00	7.78	H	11.3

High Channel: 2480 MHz**Common Information**

Project No.: RKS260108005
 EUT Model: 9290038539A
 Test Mode: Transmitting in ZigBee
 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: 15.8℃
 Humidity: 47%
 Atmospheric Pressure: 102.5kPa
 Test Engineer: Destine Hu
 Test Date: 2026/1/26

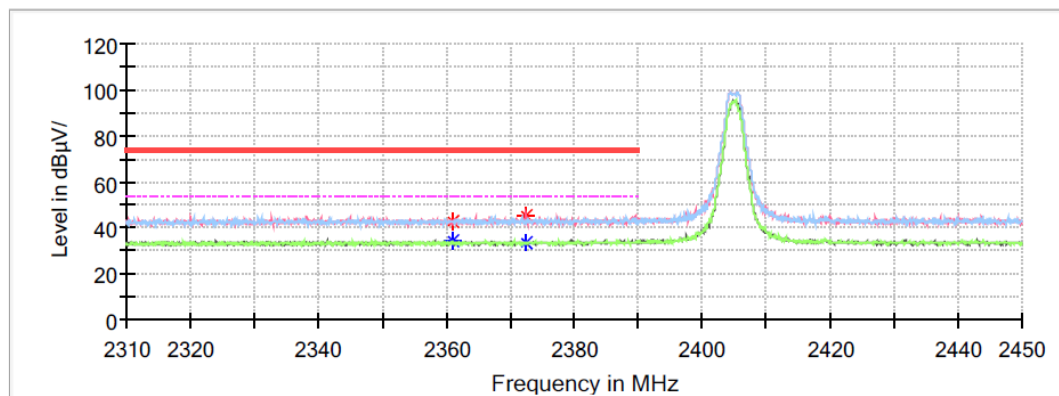
Fundamental test with
Band Reject Filter

**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)
1856.800000	36.58	---	74.00	37.42	H	-11.0
1856.800000	---	27.94	54.00	26.06	H	-11.0
4213.000000	---	30.24	54.00	23.76	H	-4.6
4213.000000	40.94	---	74.00	33.06	H	-4.6
7436.200000	---	41.23	54.00	12.77	H	2.8
7436.200000	51.64	---	74.00	22.36	H	2.8
10373.800000	---	43.26	54.00	10.74	H	6.6
10373.800000	53.02	---	74.00	20.98	H	6.6
14729.200000	---	46.04	54.00	7.96	V	11.2
14729.200000	56.48	---	74.00	17.52	V	11.2
17891.200000	53.14	---	74.00	20.86	V	11.5
17891.200000	---	46.26	54.00	7.74	V	11.5

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

Project No.: RKSB260108005
EUT Model: 9290038539A
Test Mode: Transmitting in ZigBee
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: 15.8°C
Humidity: 47%
Atmospheric Pressure: 102.5kPa
Test Engineer: Destine Hu
Test Date: 2026/1/26

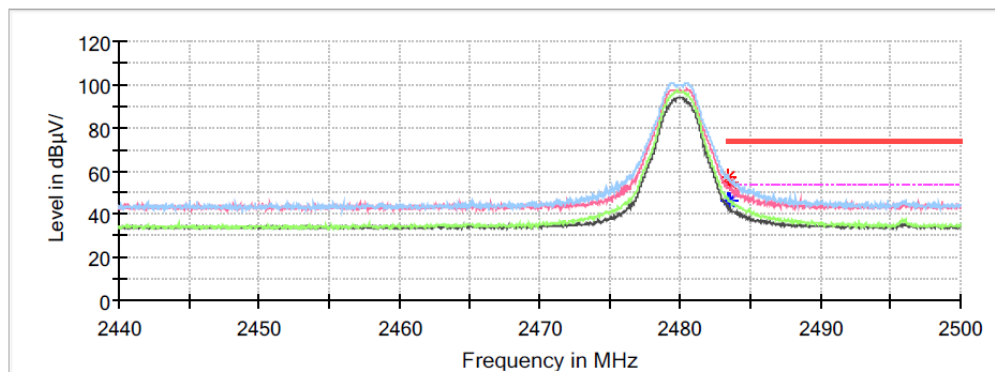
Full Spectrum**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2360.960000	43.15	---	74.00	30.85	V	0.3
2360.960000	---	34.64	54.00	19.36	V	0.3
2372.552000	45.22	---	74.00	28.78	V	0.4
2372.552000	---	33.36	54.00	20.64	V	0.4

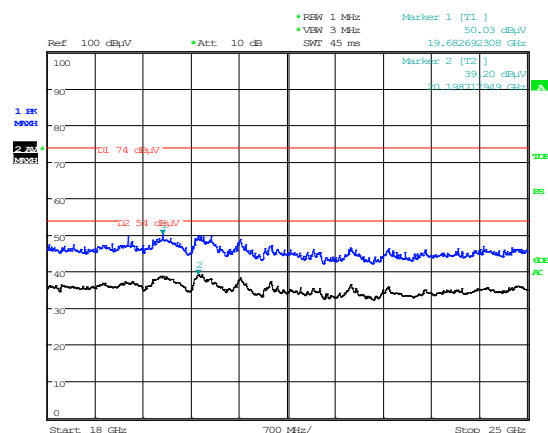
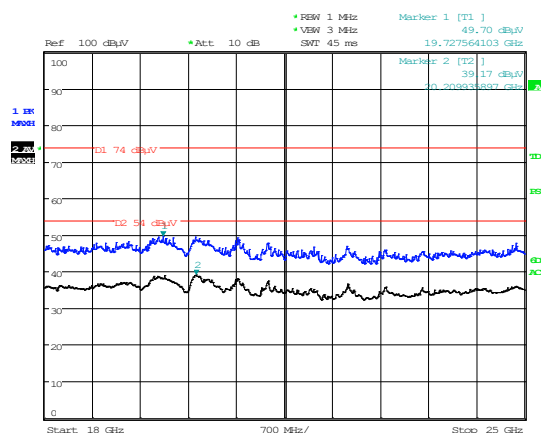
Right Side**Common Information**

Project No.: RKSB260108005
EUT Model: 9290038539A
Test Mode: Transmitting in ZigBee
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: 15.8℃
Humidity: 47%
Atmospheric Pressure: 102.5kPa
Test Engineer: Destine Hu
Test Date: 2026/1/26

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	---	46.13	54.00	7.87	H	0.5
2483.512000	56.88	---	74.00	17.12	H	0.5
2483.560000	---	46.13	54.00	7.87	H	0.5
2483.560000	54.91	---	74.00	19.09	H	0.5

18 GHz - 25 GHz (Transmitting in maximum output power mode Zigbee low channel):**Horizontal****Vertical**

Project No.: RKSB260108005 Tester: Hugh Wu
 Date: 10.FEB.2026 13:58:29

Project No.: RKSB260108005 Tester: Hugh Wu
 Date: 10.FEB.2026 14:31:54

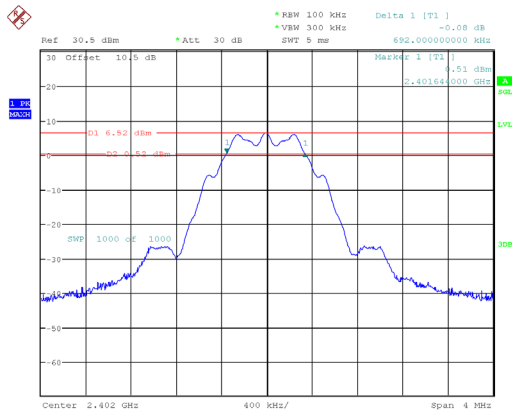
Frequency (GHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
20.21	---	39.17	54	14.83	V	12.47
19.73	49.70	---	74	24.3	V	11.50
20.20	---	39.20	54	14.8	H	12.46
19.69	50.03	---	74	23.97	H	11.38

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

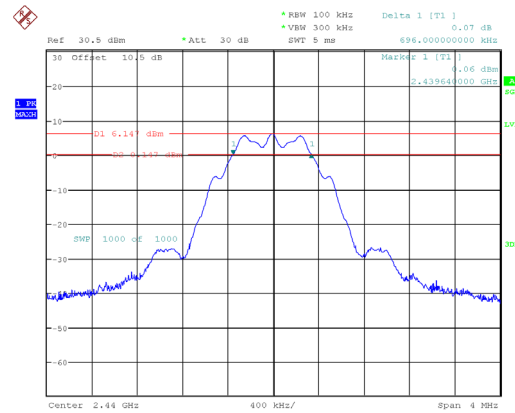
6 dB EMISSION BANDWIDTH**Environmental Conditions & Test Information**

Test Date:	2026-02-05
Temperature:	22.4°C
Relative Humidity:	52 %
ATM Pressure:	100.8 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

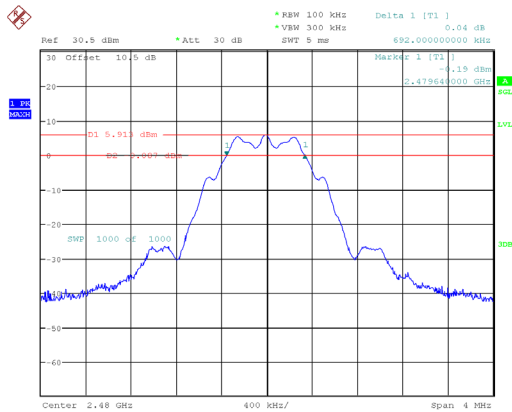
Mode	Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	Limit (MHz)
BLE (125 kbps)	Low	2402	0.692	≥0.5
	Middle	2440	0.696	≥0.5
	High	2480	0.692	≥0.5
BLE (500 kbps)	Low	2402	0.708	≥0.5
	Middle	2440	0.708	≥0.5
	High	2480	0.708	≥0.5
BLE (1 Mbps)	Low	2402	0.708	≥0.5
	Middle	2440	0.712	≥0.5
	High	2480	0.708	≥0.5
BLE (2 Mbps)	Low	2402	1.392	≥0.5
	Middle	2440	1.392	≥0.5
	High	2480	1.392	≥0.5
Zigbee	Low	2405	1.650	≥0.5
	Middle	2440	1.650	≥0.5
	High	2480	1.644	≥0.5

BLE (125 kbps): Low Channel

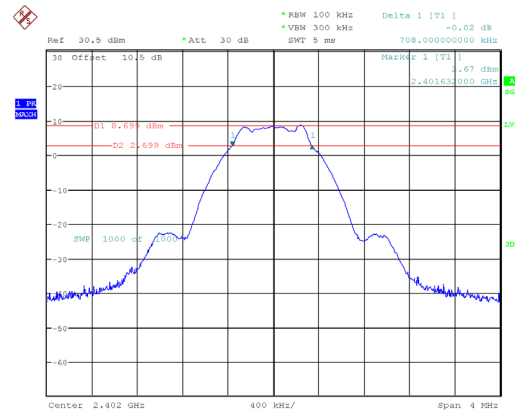
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 10:24:24

BLE (125 kbps): Middle Channel

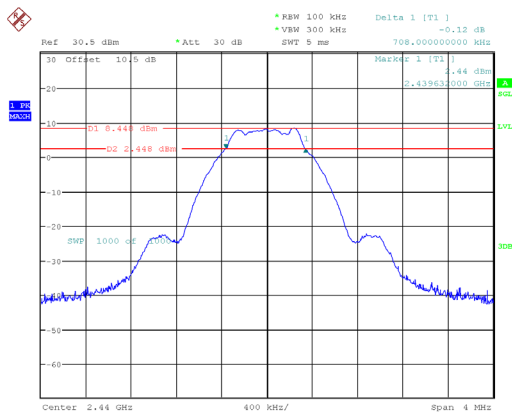
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 10:34:14

BLE (125 kbps): High Channel

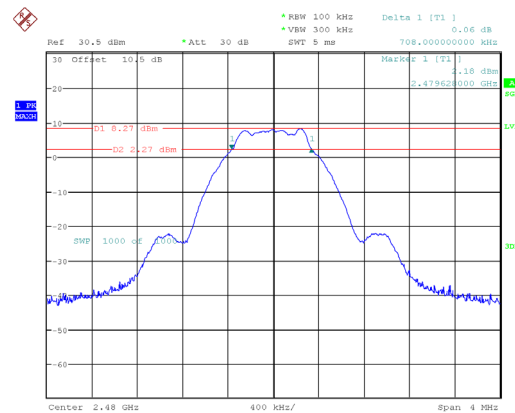
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 10:55:13

BLE (500 kbps): Low Channel

ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 11:16:37

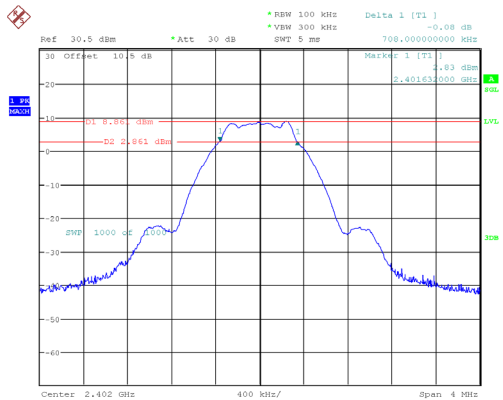
BLE (500 kbps): Middle Channel

ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 11:34:01

BLE (500 kbps): High Channel

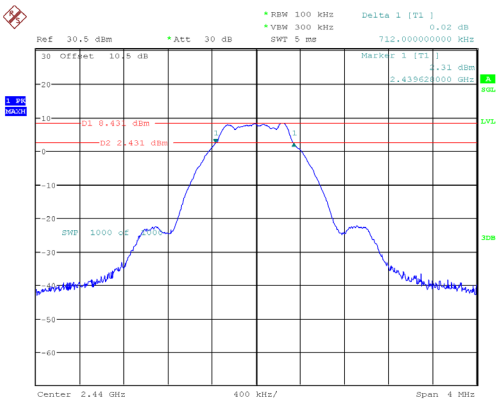
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 11:42:28

BLE (1 Mbps): Low Channel



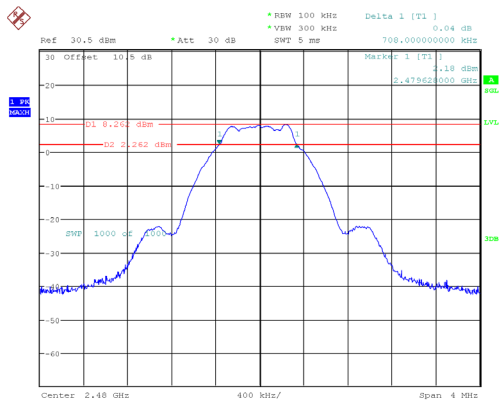
ProjectNo.:RKS260108005 Tester:Neil Zhou
Date: 5.FEB.2026 11:58:21

BLE (1 Mbps): Middle Channel



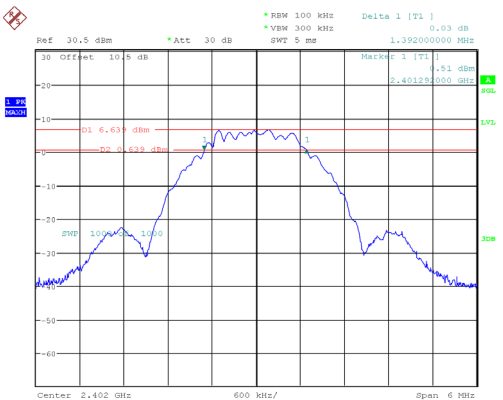
ProjectNo.:RKS260108005 Tester:Neil Zhou
Date: 5.FEB.2026 13:09:15

BLE (1 Mbps): High Channel



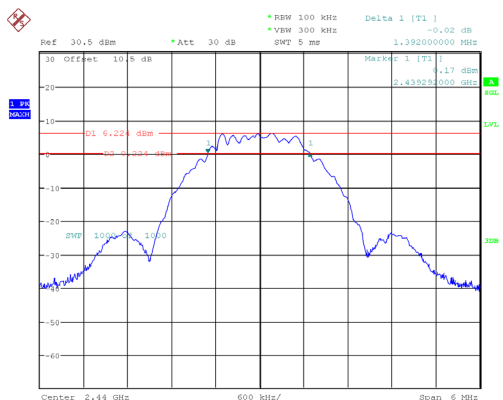
ProjectNo.:RKS260108005 Tester:Neil Zhou
Date: 5.FEB.2026 13:17:27

BLE (2 Mbps): Low Channel



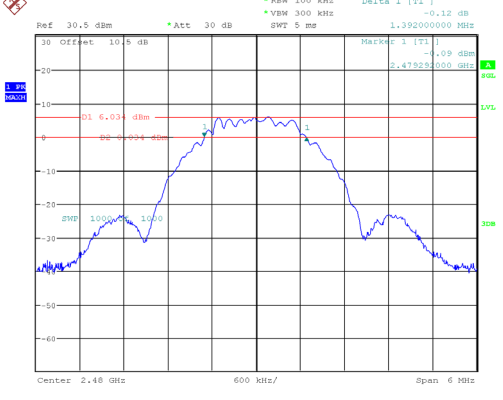
ProjectNo.:RKS260108005 Tester:Neil Zhou
Date: 5.FEB.2026 13:26:45

BLE (2 Mbps): Middle Channel



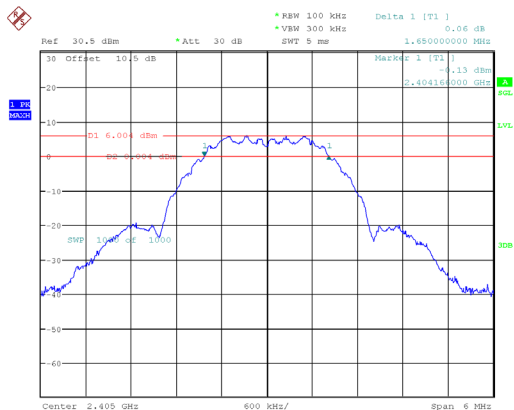
ProjectNo.:RKS260108005 Tester:Neil Zhou
Date: 5.FEB.2026 13:16:32

BLE (2 Mbps): High Channel



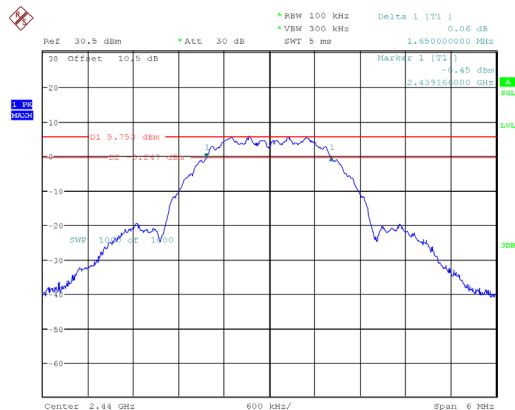
ProjectNo.:RKS260108005 Tester:Neil Zhou
Date: 5.FEB.2026 13:44:51

Zigbee: Low Channel



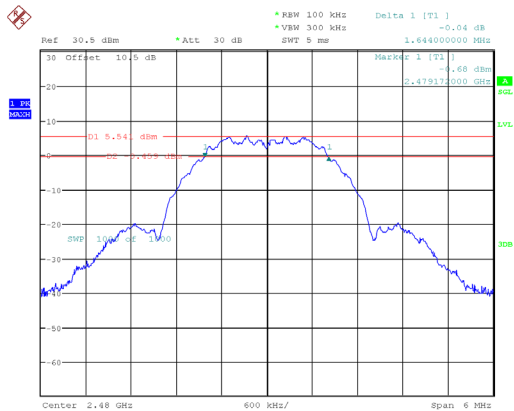
ProjectNo.:RKS260108005 Tester:Neil Zhou
Date: 5.FEB.2026 09:36:16

Zigbee: Middle Channel



ProjectNo.:RKS260108005 Tester:Neil Zhou
Date: 5.FEB.2026 09:48:48

Zigbee: High Channel



ProjectNo.:RKS260108005 Tester:Neil Zhou
Date: 5.FEB.2026 09:58:20

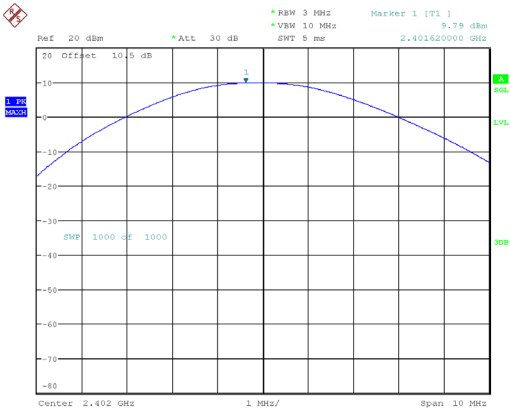
MAXIMUM CONDUCTED OUTPUT POWER**Environmental Conditions & Test Information**

Test Date:	2026-02-05
Temperature:	22.4℃
Relative Humidity:	52 %
ATM Pressure:	100.8 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

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

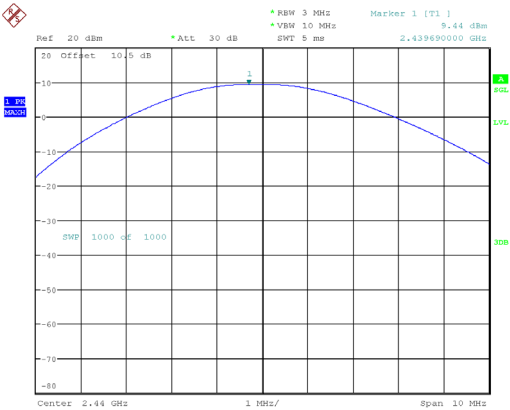
Mode	Channel	Frequency (MHz)	Max Conducted Peak Output Power (dBm)	Limit (dBm)	Result
BLE (125 kbps)	Low	2402	9.79	30	Pass
	Middle	2440	9.44	30	Pass
	High	2480	9.25	30	Pass
BLE (500 kbps)	Low	2402	9.64	30	Pass
	Middle	2440	9.41	30	Pass
	High	2480	9.28	30	Pass
BLE (1 Mbps)	Low	2402	9.79	30	Pass
	Middle	2440	9.37	30	Pass
	High	2480	9.28	30	Pass
BLE (2 Mbps)	Low	2402	9.85	30	Pass
	Middle	2440	9.44	30	Pass
	High	2480	9.31	30	Pass
Zigbee	Low	2405	9.76	30	Pass
	Middle	2440	9.47	30	Pass
	High	2480	9.34	30	Pass

BLE (125 kbps): Low Channel



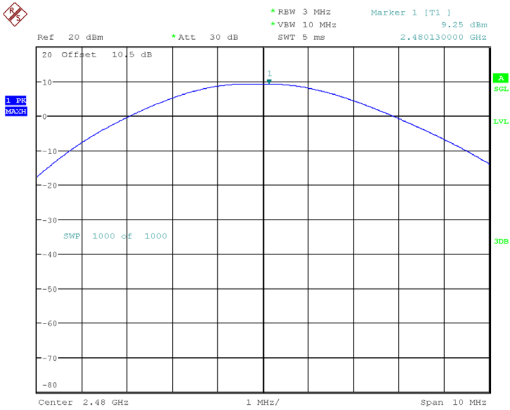
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 10:26:02

BLE (125 kbps): Middle Channel



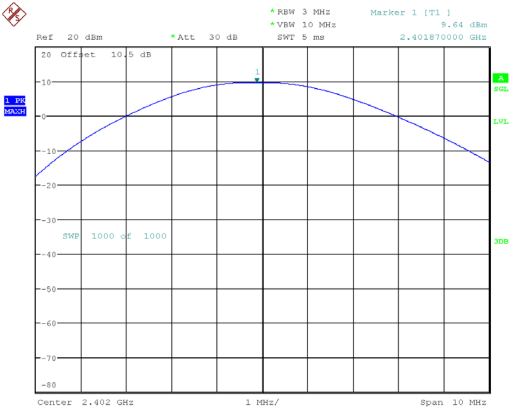
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 10:34:51

BLE (125 kbps): High Channel



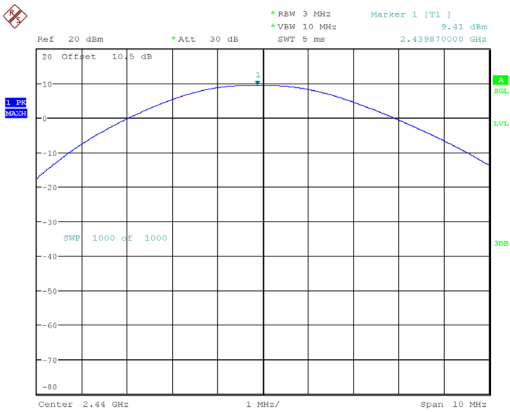
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 10:55:53

BLE (500 kbps): Low Channel



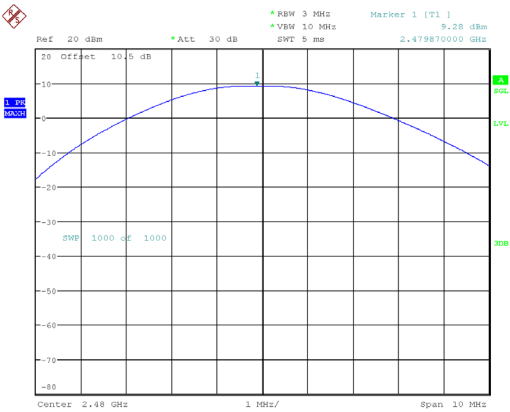
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 11:17:34

BLE (500 kbps): Middle Channel



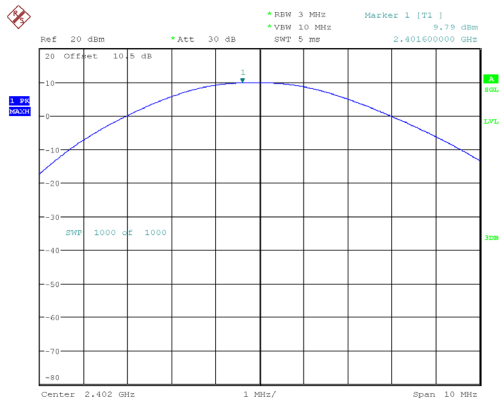
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 11:34:39

BLE (500 kbps): High Channel



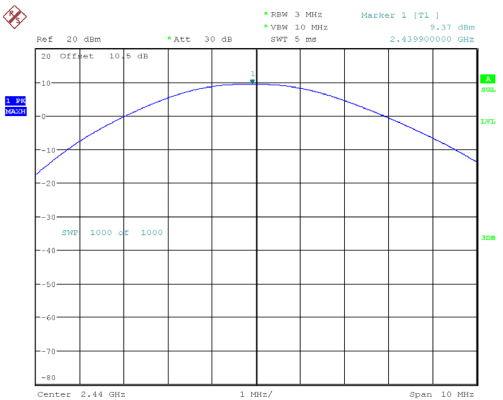
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 11:43:06

BLE (1 Mbps): Low Channel



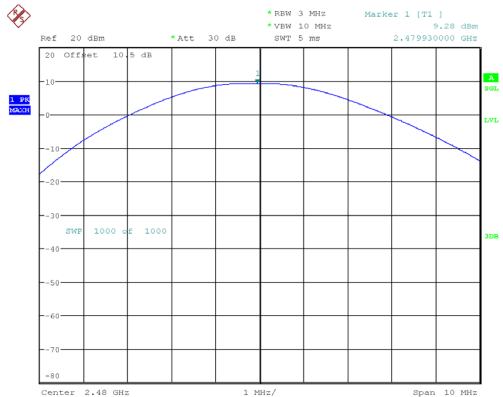
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 11:59:06

BLE (1 Mbps): Middle Channel



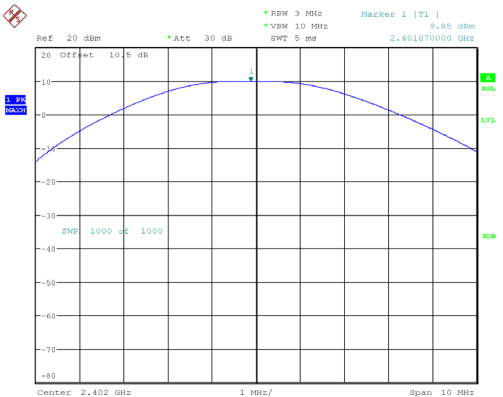
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 13:09:54

BLE (1 Mbps): High Channel



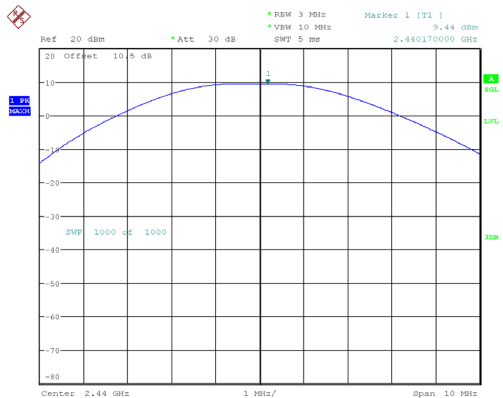
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 13:18:26

BLE (2 Mbps): Low Channel



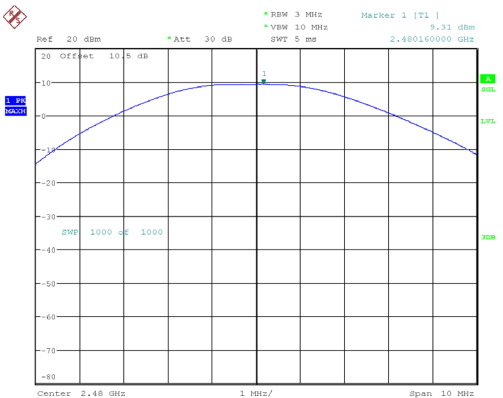
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 13:27:41

BLE (2 Mbps): Middle Channel



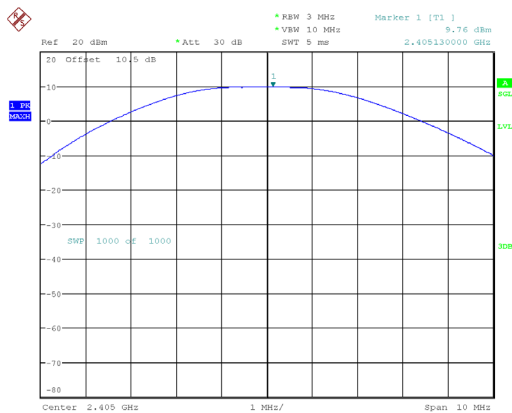
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 13:37:14

BLE (2 Mbps): High Channel



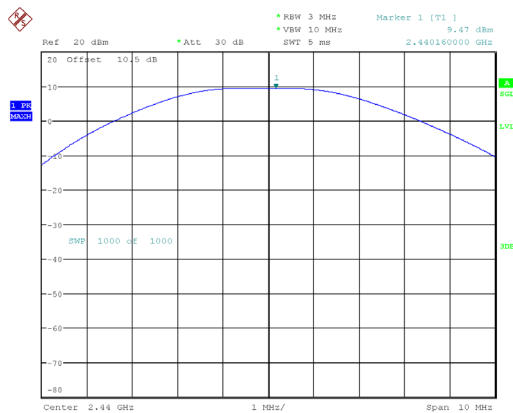
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 13:46:20

Zigbee: Low Channel



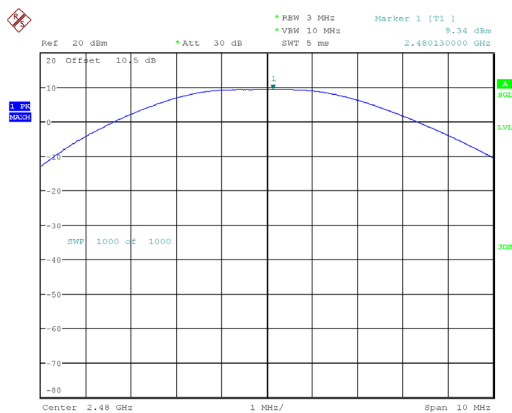
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 09:38:05

Zigbee: Middle Channel



ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 09:50:17

Zigbee: High Channel



ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 09:59:11

BAND EDGE**Environmental Conditions & Test Information**

Test Date:	2026-02-05
Temperature:	22.4℃
Relative Humidity:	52 %
ATM Pressure:	100.8 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

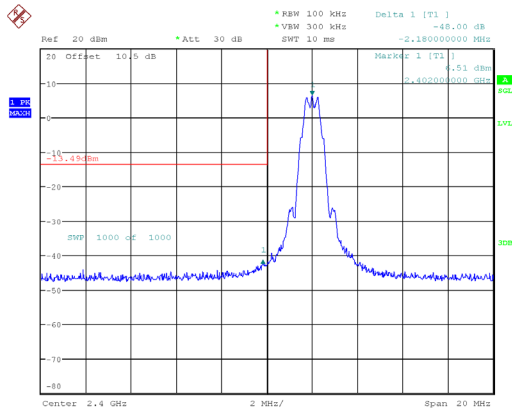
Test Result: Compliant.

EUT operation mode: Transmitting

Mode	Channel	Frequency (MHz)	Result (dBc)	Limit (dBc)
BLE (125 kbps)	Low	2402	48.00	20
	High	2480	49.60	
BLE (500 kbps)	Low	2402	50.68	
	High	2480	52.20	
BLE (1 Mbps)	Low	2402	50.15	
	High	2480	51.81	
BLE (2 Mbps)	Low	2402	30.95	
	High	2480	48.07	
Zigbee	Low	2405	49.30	
	High	2480	47.70	

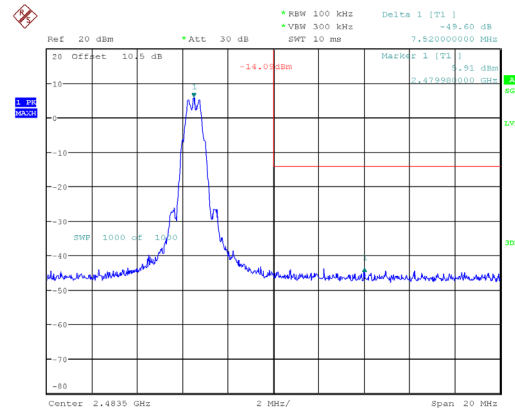
BLE (125 kbps):

Left Side



ProjectNo.:RKSB260108005 Tester:Neil Zhou
 Date: 5.FEB.2026 10:27:01

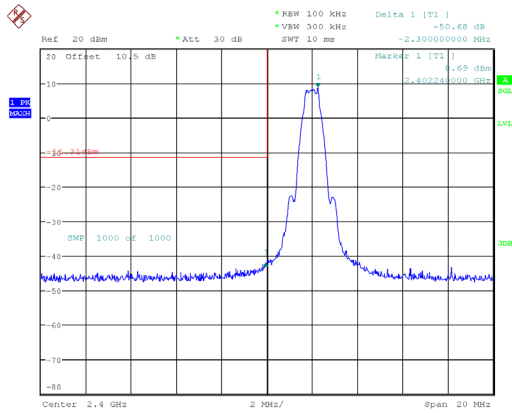
Right Side



ProjectNo.:RKSB260108005 Tester:Neil Zhou
 Date: 5.FEB.2026 10:56:53

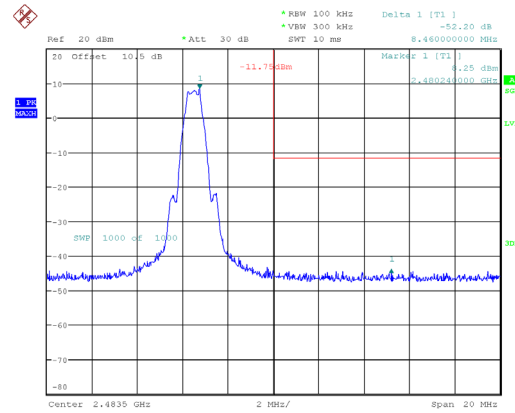
BLE (500 kbps):

Left Side



ProjectNo.:RKSB260108005 Tester:Neil Zhou
 Date: 5.FEB.2026 11:18:34

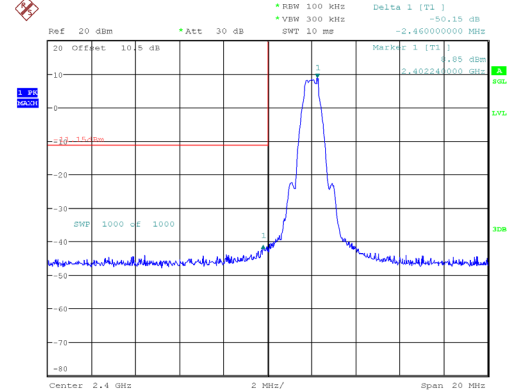
Right Side



ProjectNo.:RKSB260108005 Tester:Neil Zhou
 Date: 5.FEB.2026 11:44:05

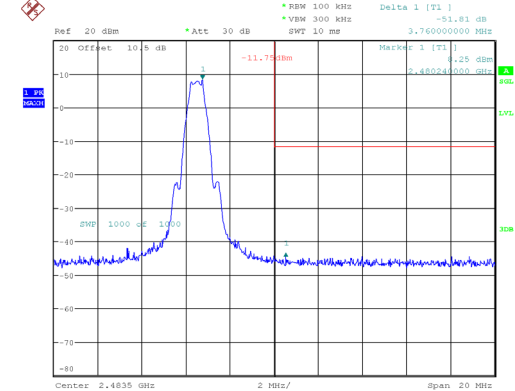
BLE (1 Mbps):

Left Side



ProjectNo.:RKSB260108005 Tester:Neil Zhou
 Date: 5.FEB.2026 12:00:06

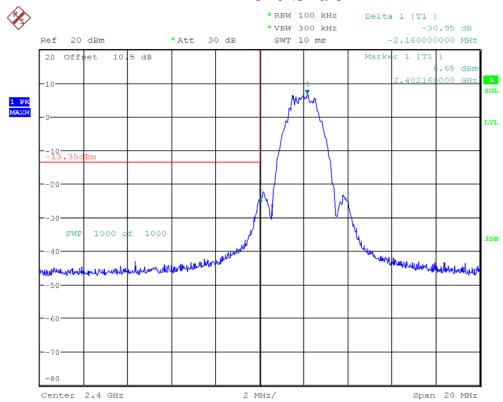
Right Side



ProjectNo.:RKSB260108005 Tester:Neil Zhou
 Date: 5.FEB.2026 13:19:25

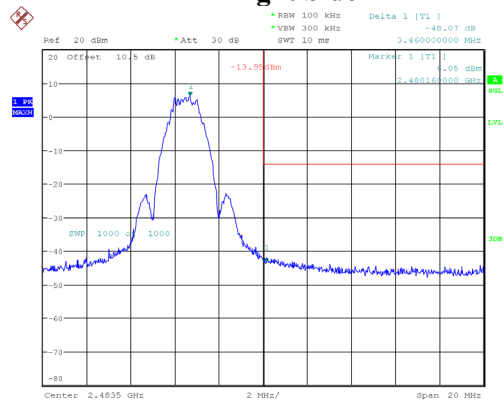
BLE (2 Mbps):

Left Side



ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 13:28:41

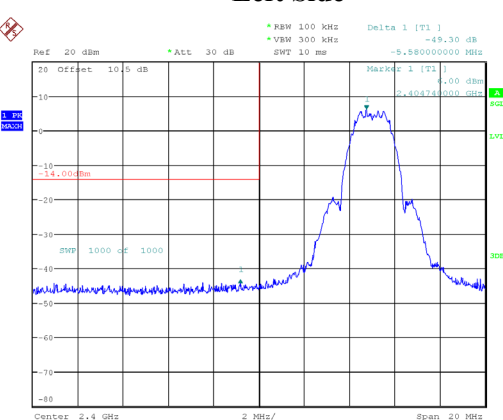
Right Side



ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 13:47:20

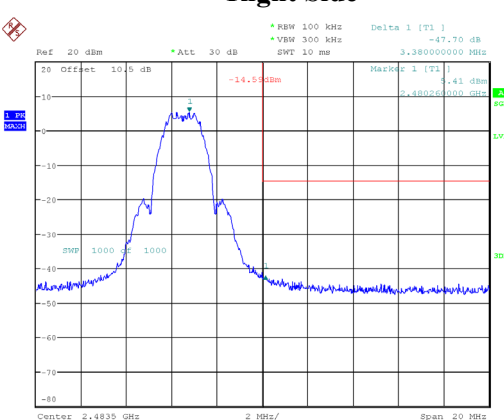
Zigbee:

Left Side



ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 09:39:04

Right Side



ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 10:00:11

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

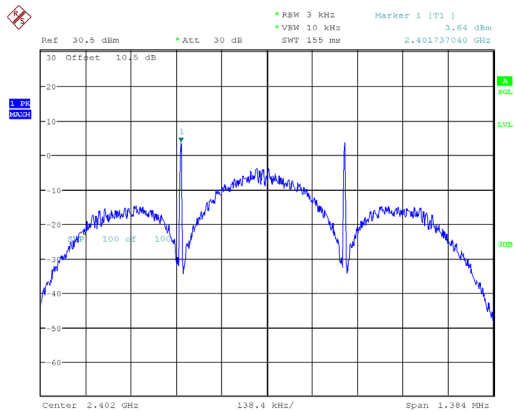
Test Date:	2026-02-05
Temperature:	22.4℃
Relative Humidity:	52 %
ATM Pressure:	100.8 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Result: Compliant.

EUT operation mode: Transmitting

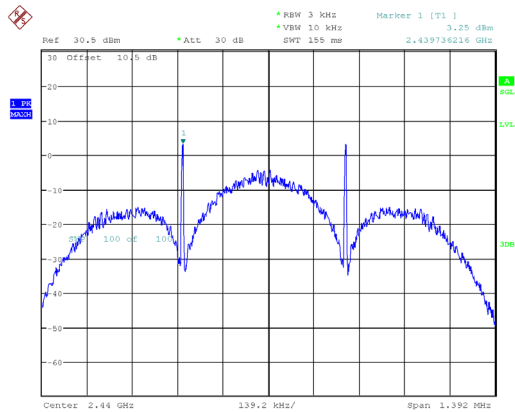
Mode	Channel	Frequency (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)
BLE (125 kbps)	Low	2402	3.64	≤8
	Middle	2440	3.25	≤8
	High	2480	3.01	≤8
BLE (500 kbps)	Low	2402	-7.10	≤8
	Middle	2440	-7.36	≤8
	High	2480	-7.57	≤8
BLE (1 Mbps)	Low	2402	-6.95	≤8
	Middle	2440	-7.38	≤8
	High	2480	-7.56	≤8
BLE (2 Mbps)	Low	2402	-12.52	≤8
	Middle	2440	-12.89	≤8
	High	2480	-13.13	≤8
Zigbee	Low	2405	-5.45	≤8
	Middle	2440	-6.22	≤8
	High	2480	-5.88	≤8

BLE (125 kbps): Low Channel



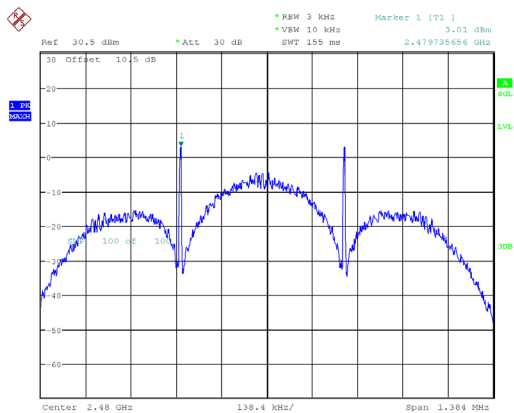
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 10:27:26

BLE (125 kbps): Middle Channel



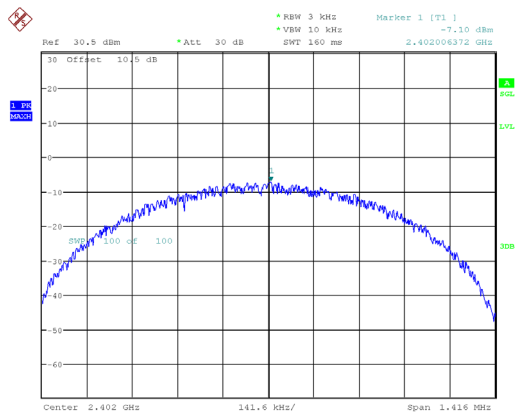
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 10:35:16

BLE (125 kbps): High Channel



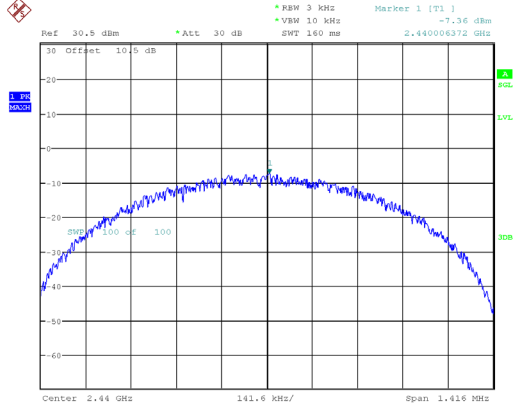
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 10:57:18

BLE (500 kbps): Low Channel



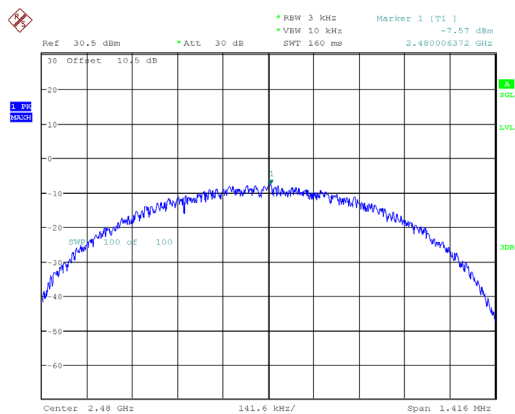
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 11:19:00

BLE (500 kbps): Middle Channel



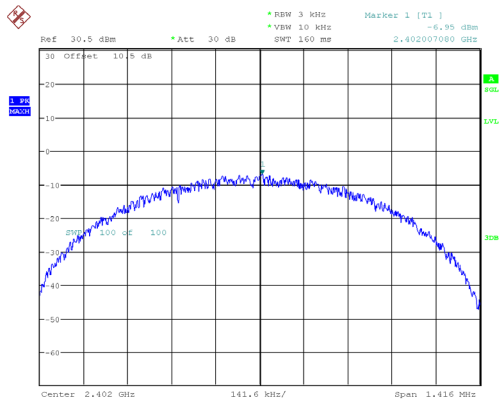
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 11:35:04

BLE (500 kbps): High Channel



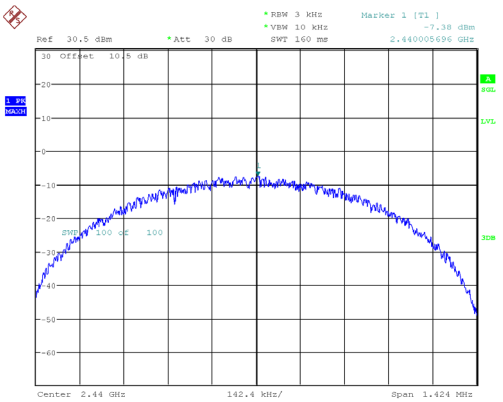
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 11:44:30

BLE (1 Mbps): Low Channel



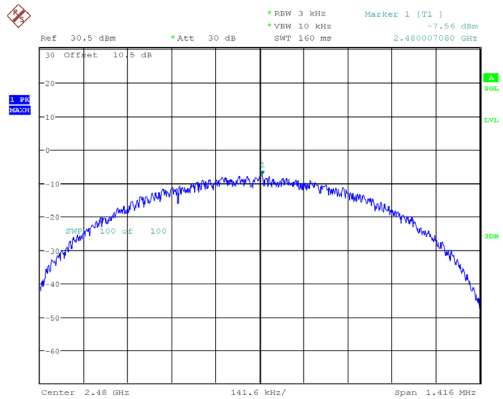
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 12:00:32

BLE (1 Mbps): Middle Channel



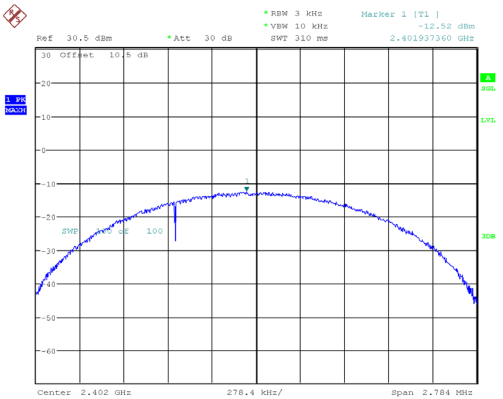
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 13:10:20

BLE (1 Mbps): High Channel



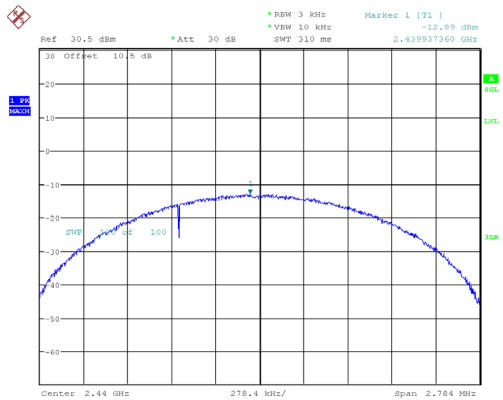
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 13:19:51

BLE (2 Mbps): Low Channel



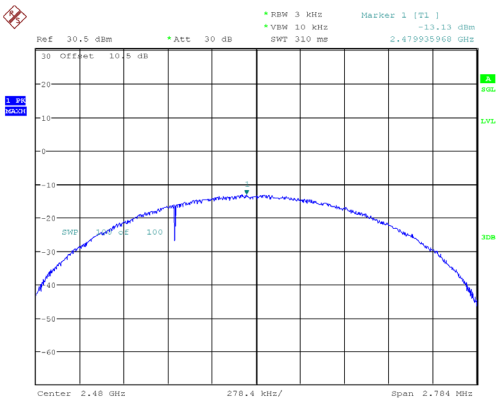
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 13:29:23

BLE (2 Mbps): Middle Channel



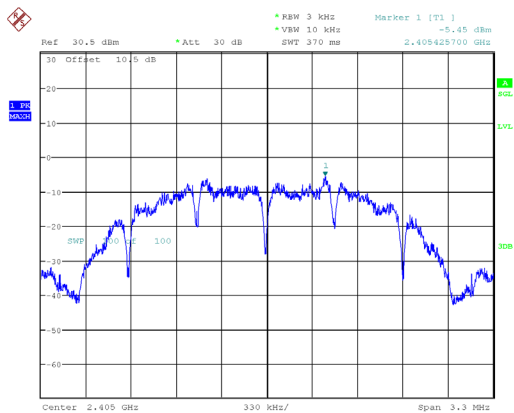
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 13:37:55

BLE (2 Mbps): High Channel



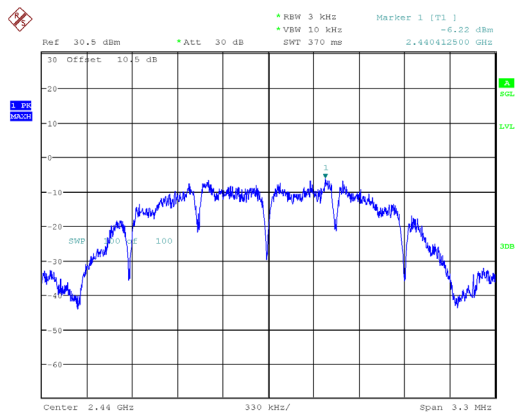
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 13:48:00

Zigbee: Low Channel



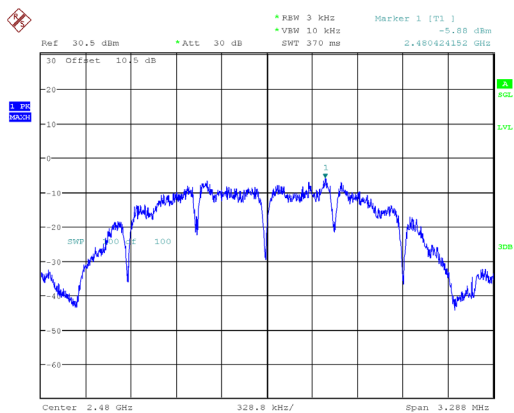
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 09:40:04

Zigbee: Middle Channel



ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 09:51:03

Zigbee: High Channel



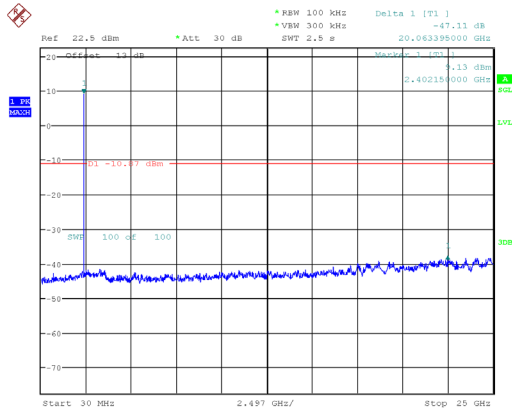
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 10:00:57

CONDUCTED SPURIOUS EMISSION**Environmental Conditions & Test Information**

Test Date:	2026-02-05
Temperature:	22.4℃
Relative Humidity:	52 %
ATM Pressure:	100.8 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

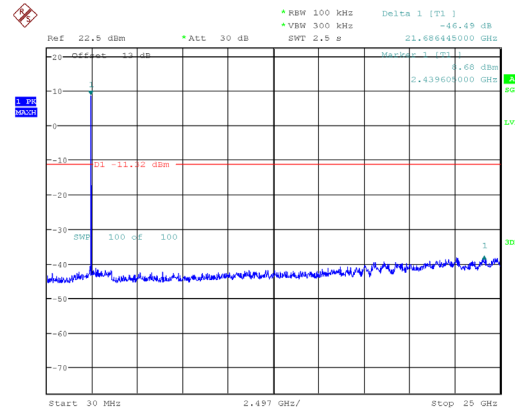
Mode	Channel	Frequency (MHz)	Result (dBc)	Limit (dBc)
BLE (125 kbps)	Low	2402	47.11	20
	Middle	2440	46.49	
	High	2480	46.52	
BLE (500 kbps)	Low	2402	48.37	
	Middle	2440	48.69	
	High	2480	49.16	
BLE (1 Mbps)	Low	2402	48.69	
	Middle	2440	48.98	
	High	2480	48.58	
BLE (2 Mbps)	Low	2402	47.91	
	Middle	2440	46.75	
	High	2480	46.95	
Zigbee	Low	2405	45.21	
	Middle	2440	44.61	
	High	2480	44.97	

BLE (125 kbps): Low Channel



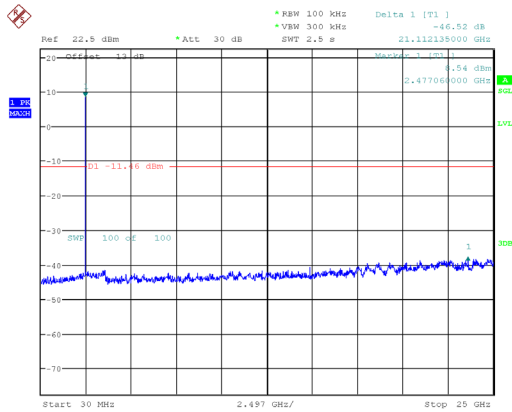
ProjectNo.:RKS260108005 Tester:Neil Zhou
Date: 5.FEB.2026 10:32:06

BLE (125 kbps): Middle Channel



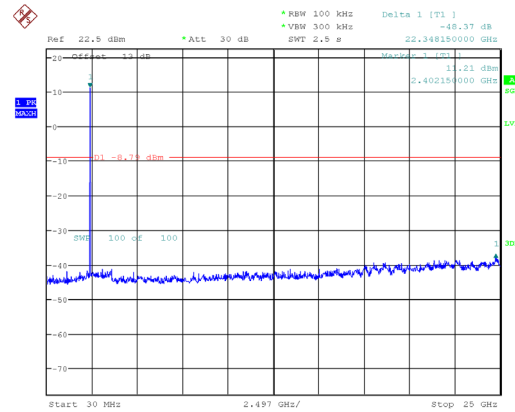
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 10:39:56

BLE (125 kbps): High Channel



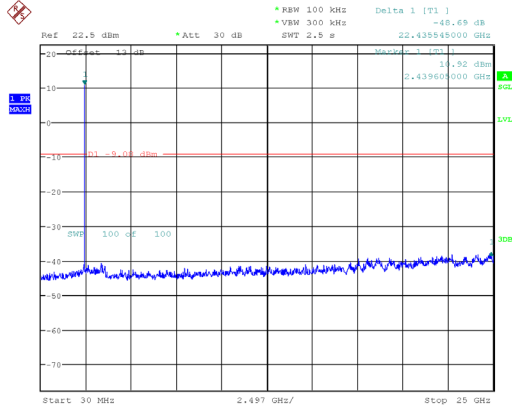
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 11:01:59

BLE (500 kbps): Low Channel



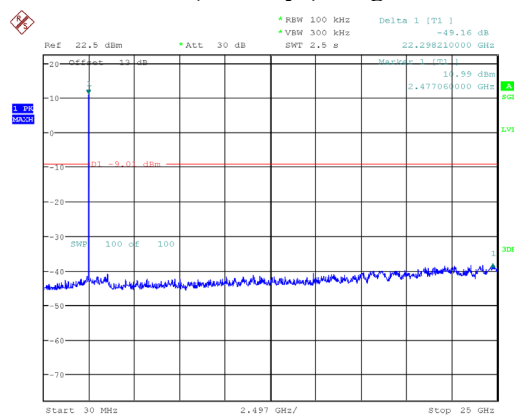
ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 11:23:40

BLE (500 kbps): Middle Channel



ProjectNo.:RKS260108005 Tester:Neil Zhou
Date: 5.FEB.2026 11:39:44

BLE (500 kbps): High Channel



ProjectNo.:RKSB260108005 Tester:Neil Zhou
Date: 5.FEB.2026 11:49:09