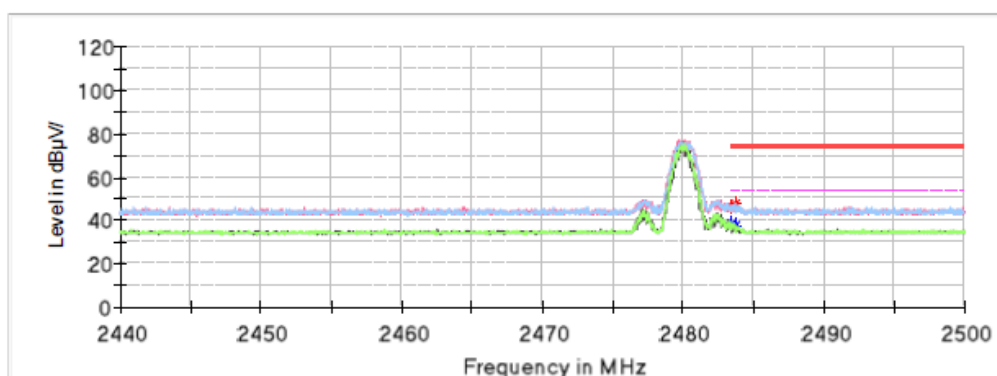


Right Side**Common Information**

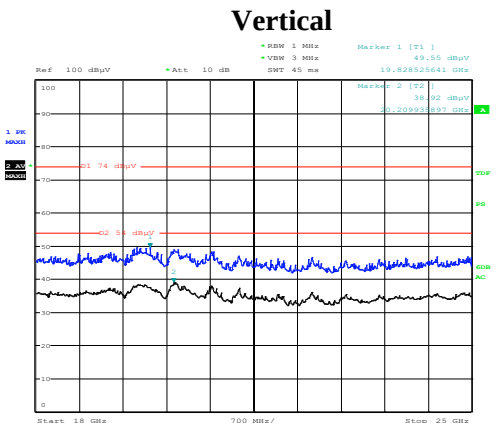
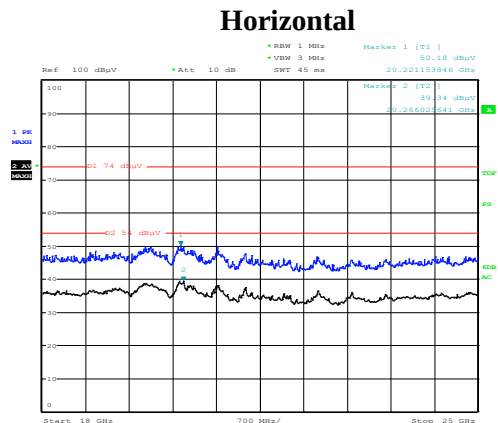
Project No.: RKSA251106001
EUT Model: UT5 Ultra X US
Test Mode: Transmitting in BLE-1M High Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.8℃
Humidity: 44%
Atmospheric Pressure: 103.1kPa
Test Engineer: Destine Hu
Test Date: 2025/11/23

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	46.53	---	74.00	27.47	H	-3.5
2483.512000	---	38.66	54.00	15.34	H	-3.5
2483.656000	48.21	---	74.00	25.79	H	-3.5
2483.656000	---	37.88	54.00	16.12	H	-3.5

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



Project No: RKSA251106001 Tester: Huihu Wu
Date: 31.DEC.2025 15:55:53

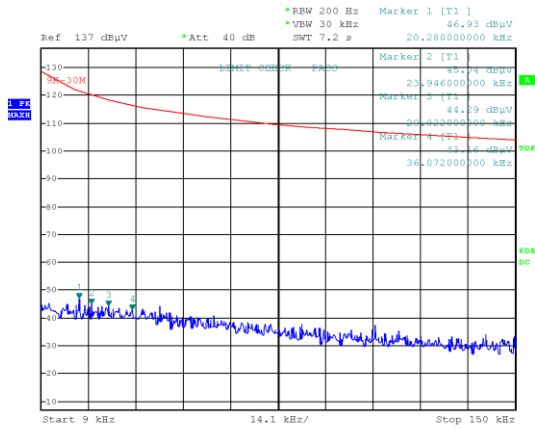
Project No: RKSA251106001 Tester: Huihu Wu
Date: 31.DEC.2025 16:27:55

Frequency	MaxPeak	Average	Limit	Margin	Pol	Corr.
(GHz)	(dBμV/m)	(dBμV/m)	(dBμV/m)	(dB)		(dB/m)
20.27	---	39.34	54	14.66	H	12.52
20.22	50.18	---	74	23.82	H	12.48
20.21	---	38.92	54	15.08	V	12.47
19.83	49.35	---	74	24.65	V	12.13

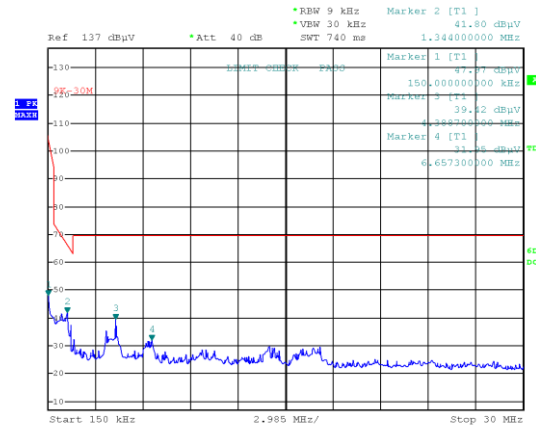
Note: The test distance is 3m. The limit is 74dBμV/m (Peak) and 54dBμV/m (Average)

9 kHz-30 MHz: (Transmitting in maximum output power BLE (2 Mbps) low channel)
Parallel(worst case)

9kHz-150kHz



150kHz-30MHz



Project No.RKSA251106001
 Date: 2.DEC.2025 12:24:15

Tester:Scarf Yang

Project No.RKSA251106001
 Date: 2.DEC.2025 12:30:41

Tester:Scarf Yang

9kHz-150kHz

Frequency (MHz)	Corrected Amplitude (dBμV/m) @3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m) @3m	Margin (dB)
0.020280	46.93	PK	-0.56	121.46	74.53
0.023946	45.04	PK	-0.58	120.02	74.98
0.029022	44.29	PK	-0.61	118.35	74.06
0.036072	43.16	PK	-1.58	116.46	73.30

150kHz-30MHz

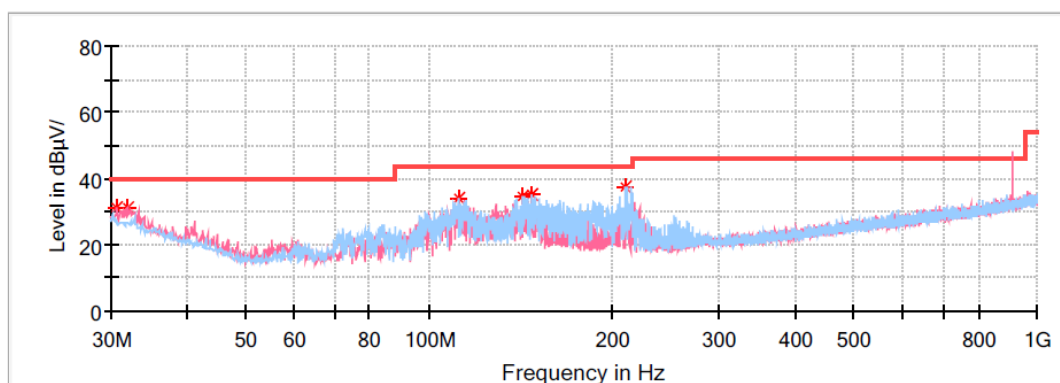
Frequency (MHz)	Corrected Amplitude (dBμV/m) @3m	Detector PK/QP/Ave.	Corrected Factor (dB/m)	Limit (dBμV/m) @3m	Margin (dB)
0.150000	47.97	PK	-11.34	104.08	56.11
1.344000	41.80	PK	-28.75	65.04	23.24
4.388700	39.42	PK	-31.97	69.54	30.12
6.657300	31.95	PK	-32.31	69.54	37.59

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

Low Channel: 2402MHz

Common Information

Project No: RKSA251106001
EUT Model: UT5 Ultra X US
Test Mode: Transmitting in BLE 2M 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: 18.9°C
Humidity: 42%
Barometric Pressure: 102.3kPa
Test Engineer: Scarf Yang
Test Date: 2025/12/2



Critical_Freqs

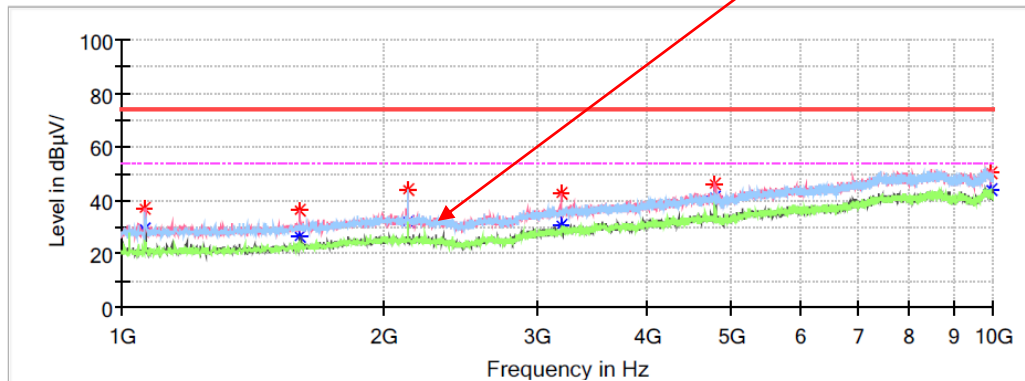
Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
30.727500	31.21	40.00	8.79	V	-5.2
31.940000	31.12	40.00	8.88	V	-6.0
111.722500	33.97	43.50	9.53	H	-12.3
142.277500	34.79	43.50	8.71	H	-11.3
147.733750	35.22	43.50	8.28	H	-11.6
210.420000	37.37	43.50	6.13	H	-12.8

1 GHz-10 GHz:**Low Channel: 2402 MHz****Common Information**

Project No.: RKSA251106001
EUT Model: UT5 Ultra X US
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: 17.8°C
Humidity: 44%
Atmospheric Pressure: 103.1kPa
Test Engineer: Destine Hu
Test Date: 2025/11/23

Fundamental Test with
Band Reject Filter

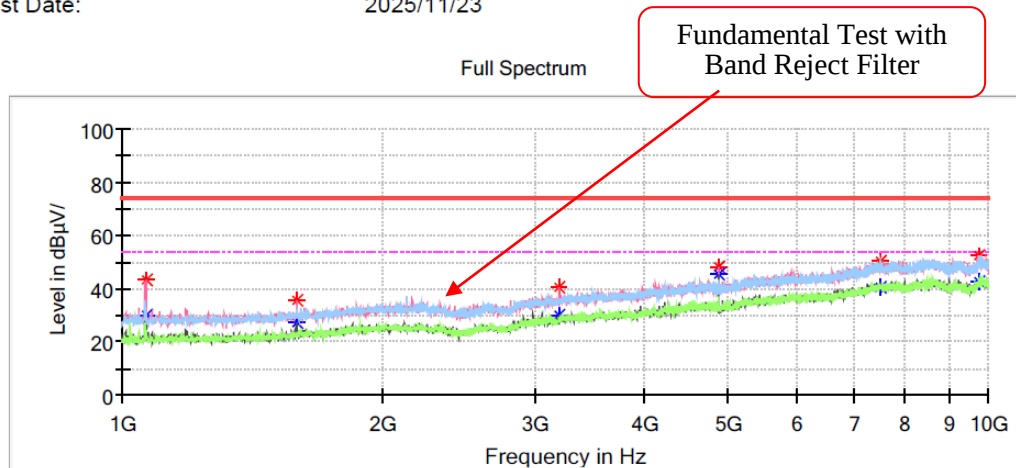
Full Spectrum

**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)
1062.100000	37.35	---	74.00	36.65	V	-15.0
1062.100000	---	29.25	54.00	24.75	V	-15.0
1597.600000	---	26.92	54.00	27.08	V	-12.8
1597.600000	36.23	---	74.00	37.77	V	-12.8
2125.900000	---	31.87	54.00	22.13	H	-9.9
2125.900000	43.95	---	74.00	30.05	H	-9.9
3196.900000	---	30.93	54.00	23.07	V	-7.4
3196.900000	42.58	---	74.00	31.42	V	-7.4
4800.700000	---	41.28	54.00	12.72	V	-3.4
4800.700000	46.20	---	74.00	27.80	V	-3.4
9926.200000	---	44.32	54.00	9.68	H	6.1
9926.200000	50.17	---	74.00	23.83	H	6.1

Middle Channel: 2440 MHz**Common Information**

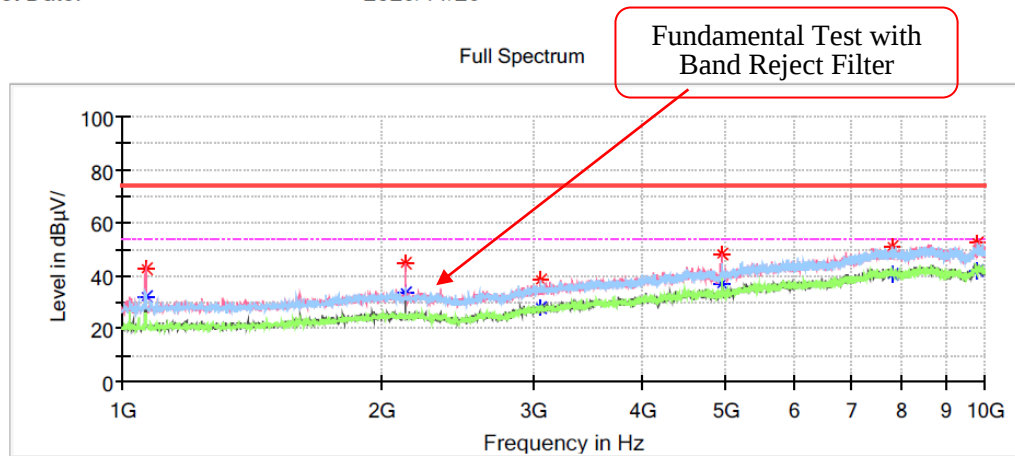
Project No.:	RKSA251106001
EUT Model:	UT5 Ultra X US
Test Mode:	Transmitting in BLE-2M Middle Channel
Standard:	FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	17.8°C
Humidity:	44%
Atmospheric Pressure:	103.1kPa
Test Engineer:	Destine Hu
Test Date:	2025/11/23

**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)
1066.600000	---	29.86	54.00	24.14	V	-15.0
1066.600000	43.56	---	74.00	30.44	V	-15.0
1593.100000	---	27.45	54.00	26.55	V	-12.8
1593.100000	35.76	---	74.00	38.24	V	-12.8
3196.000000	40.77	---	74.00	33.23	V	-7.4
3196.000000	---	29.84	54.00	24.16	V	-7.4
4877.200000	---	45.14	54.00	8.86	V	-3.2
4877.200000	48.42	---	74.00	25.58	V	-3.2
7493.500000	---	40.66	54.00	13.34	V	3.0
7493.500000	50.14	---	74.00	23.86	V	3.0
9753.400000	---	42.80	54.00	11.20	H	5.6
9753.400000	52.22	---	74.00	21.78	H	5.6

High Channel: 2480 MHz**Common Information**

Project No.: RKSA251106001
EUT Model: UT5 Ultra X US
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: 17.8°C
Humidity: 44%
Atmospheric Pressure: 103.1kPa
Test Engineer: Destine Hu
Test Date: 2025/11/23

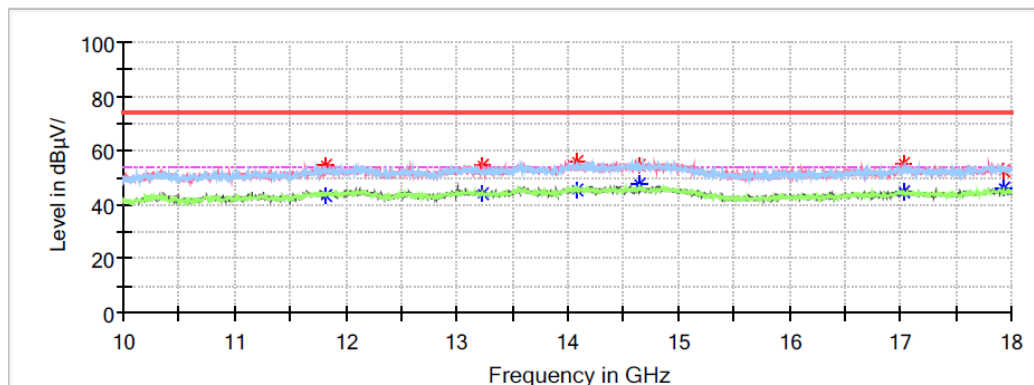
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µV/m)	Average (dB µV/m)	Limit (dB µV/m)	Margin (dB)	Pol	Corr. (dB/m)
1063.900000	42.47	---	74.00	31.53	V	-15.0
1063.900000	---	31.89	54.00	22.11	V	-15.0
2127.700000	44.68	---	74.00	29.32	V	-9.9
2127.700000	---	33.68	54.00	20.32	V	-9.9
3048.400000	---	27.78	54.00	26.22	H	-7.9
3048.400000	38.37	---	74.00	35.63	H	-7.9
4962.700000	47.99	---	74.00	26.01	V	-3.0
4962.700000	---	36.96	54.00	17.04	V	-3.0
7815.700000	---	40.32	54.00	13.68	H	3.2
7815.700000	51.08	---	74.00	22.92	H	3.2
9821.800000	---	42.03	54.00	11.97	H	5.8
9821.800000	52.69	---	74.00	21.31	H	5.8

10 GHz-18 GHz:**Low Channel: 2402 MHz****Common Information**

Project No.:	RKSA251106001
EUT Model:	UT5 Ultra X US
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:	17.8℃
Humidity:	44%
Atmospheric Pressure:	103.1kPa
Test Engineer:	Destine Hu
Test Date:	2025/11/23

Full Spectrum

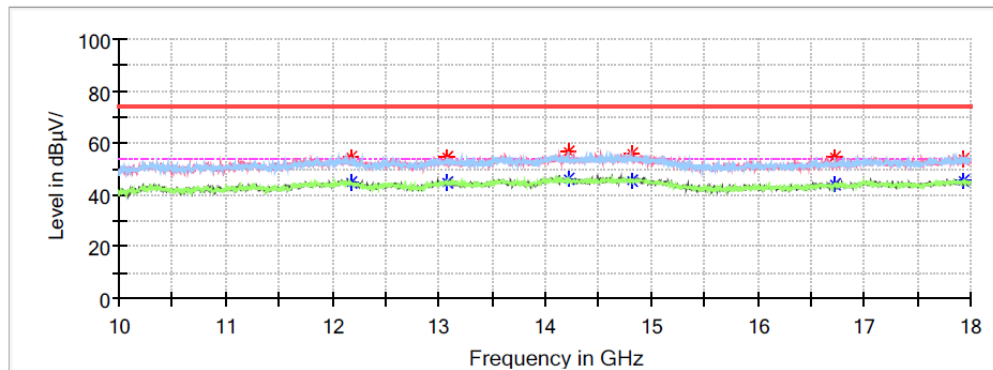
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
11824.000000	54.83	---	74.00	19.17	V	8.7
11824.000000	---	43.39	54.00	10.61	V	8.7
13227.200000	---	44.09	54.00	9.91	V	9.5
13227.200000	54.75	---	74.00	19.25	V	9.5
14084.800000	---	45.65	54.00	8.35	V	11.2
14084.800000	56.25	---	74.00	17.75	V	11.2
14640.000000	---	47.27	54.00	6.73	H	11.5
14640.000000	54.76	---	74.00	19.24	H	11.5
17030.400000	---	44.52	54.00	9.48	V	10.9
17030.400000	55.30	---	74.00	18.70	V	10.9
17929.600000	52.47	---	74.00	21.53	H	11.6
17929.600000	---	46.34	54.00	7.66	H	11.6

Middle Channel: 2440 MHz**Common Information**

Project No.: RKSA251106001
EUT Model: UT5 Ultra X US
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: 17.8℃
Humidity: 44%
Atmospheric Pressure: 103.1kPa
Test Engineer: Destine Hu
Test Date: 2025/11/23

Full Spectrum

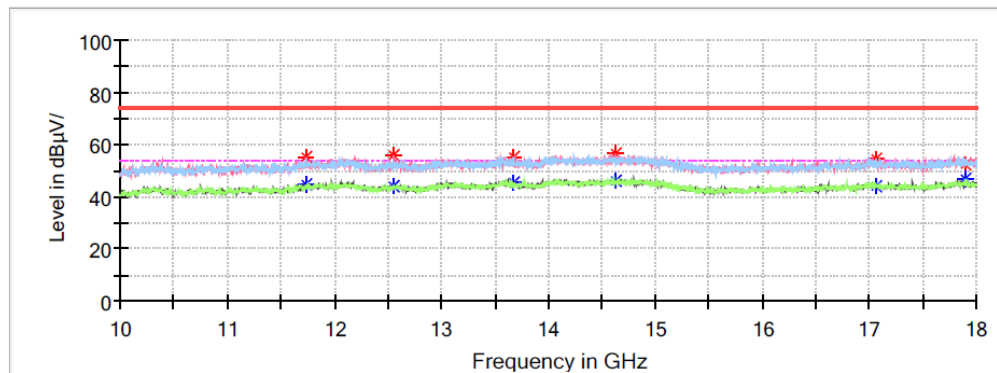
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12179.200000	---	44.63	54.00	9.37	V	9.0
12179.200000	54.55	---	74.00	19.45	V	9.0
13080.000000	---	44.90	54.00	9.10	V	9.3
13080.000000	54.63	---	74.00	19.37	V	9.3
14219.200000	---	46.07	54.00	7.93	V	11.5
14219.200000	56.40	---	74.00	17.60	V	11.5
14820.800000	---	45.68	54.00	8.32	V	10.9
14820.800000	56.01	---	74.00	17.99	V	10.9
16729.600000	---	43.89	54.00	10.11	H	9.9
16729.600000	54.76	---	74.00	19.24	H	9.9
17937.600000	53.88	---	74.00	20.12	H	11.6
17937.600000	---	45.78	54.00	8.22	H	11.6

High Channel: 2480 MHz**Common Information**

Project No.: RKSA251106001
 EUT Model: UT5 Ultra X US
 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: 17.8°C
 Humidity: 44%
 Atmospheric Pressure: 103.1kPa
 Test Engineer: Destine Hu
 Test Date: 2025/11/23

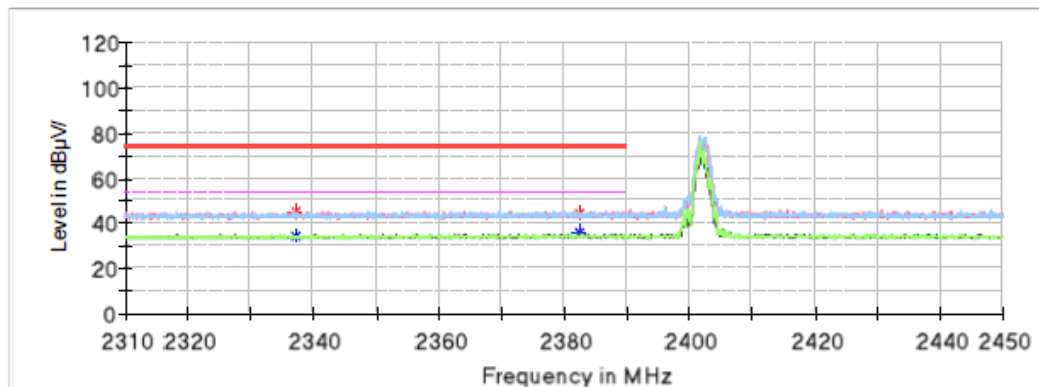
Full Spectrum

**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)
11731.200000	---	44.60	54.00	9.40	V	8.6
11731.200000	54.94	---	74.00	19.06	V	8.6
12561.600000	---	43.78	54.00	10.22	V	8.8
12561.600000	55.63	---	74.00	18.37	V	8.8
13676.800000	---	45.40	54.00	8.60	H	10.4
13676.800000	55.30	---	74.00	18.70	H	10.4
14628.800000	---	46.08	54.00	7.92	H	11.5
14628.800000	56.39	---	74.00	17.61	H	11.5
17067.200000	---	44.20	54.00	9.80	H	10.9
17067.200000	54.43	---	74.00	19.57	H	10.9
17892.800000	52.77	---	74.00	21.23	V	11.5
17892.800000	---	46.58	54.00	7.42	V	11.5

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

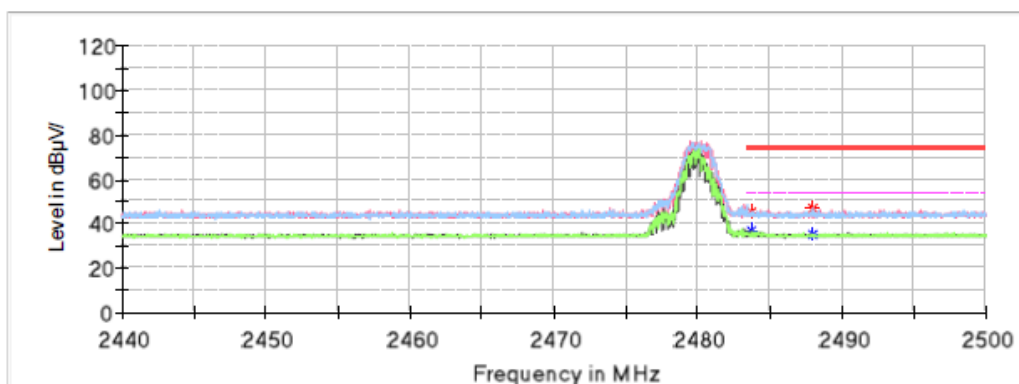
Project No.:	RKSA251106001
EUT Model:	UT5 Ultra X US
Test Mode:	Transmitting in BLE-2M Low Channel
Standard:	FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	17.8°C
Humidity:	44%
Atmospheric Pressure:	103.1kPa
Test Engineer:	Destine Hu
Test Date:	2025/11/23

Full Spectrum**Critical Freqs**

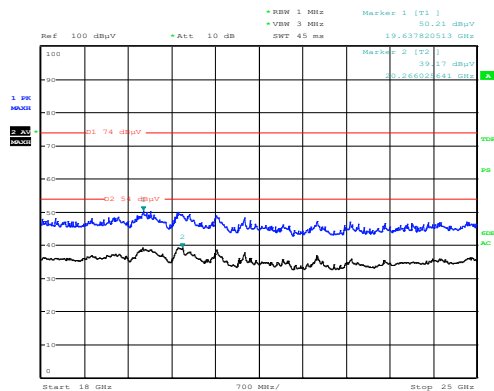
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2337.272000	---	34.17	54.00	19.83	V	-3.7
2337.272000	45.63	---	74.00	28.37	V	-3.7
2382.520000	---	35.88	54.00	18.12	V	-3.6
2382.520000	44.19	---	74.00	29.81	V	-3.6

Right Side**Common Information**

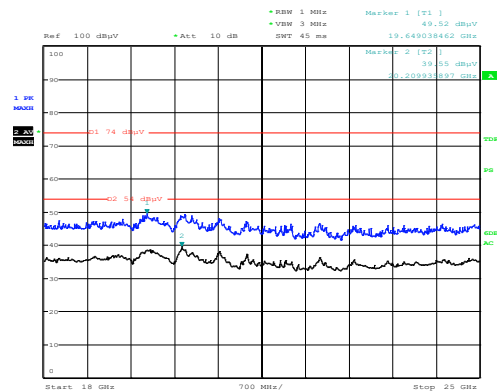
Project No.: RKSA251106001
EUT Model: UT5 Ultra X US
Test Mode: Transmitting in BLE-2M High Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.8°C
Humidity: 44%
Atmospheric Pressure: 103.1kPa
Test Engineer: Destine Hu
Test Date: 2025/11/23

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)
2483.728000	45.38	---	74.00	28.62	H	-3.5
2483.728000	---	36.69	54.00	17.31	H	-3.5
2487.976000	47.04	---	74.00	26.96	H	-3.5
2487.976000	---	35.53	54.00	18.47	H	-3.5

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

Project No : RKSA251106001 Tester : Hugh Wu
 Date: 31.DEC.2025 16:58:38

Vertical

Project No : RKSA251106001 Tester : Hugh Wu
 Date: 31.DEC.2025 17:30:48

Frequency	MaxPeak	Average	Limit	Margin	Pol	Corr.
(GHz)	(dBμV/m)	(dBμV/m)	(dBμV/m)	(dB)		(dB/m)
20.27	---	39.17	54	14.83	H	12.52
19.64	50.21	---	74	23.79	H	11.96
20.21	---	39.55	54	14.45	V	12.47
19.65	49.52	---	74	24.48	V	11.97

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:	2025-12-01
Temperature:	21.2 °C
Relative Humidity:	47 %
ATM Pressure:	102.2 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Result: Compliant.

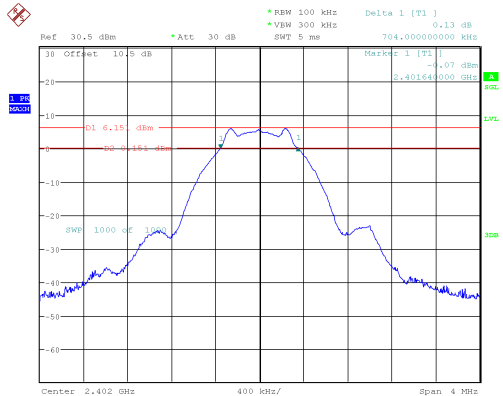
EUT operation mode: Transmitting

Module 1

Mode	Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	Limit (MHz)
BLE (1 Mbps)	Low	2402	0.704	≥ 0.5
	Middle	2440	0.716	≥ 0.5
	High	2480	0.716	≥ 0.5
BLE (2 Mbps)	Low	2404	1.350	≥ 0.5
	Middle	2440	1.356	≥ 0.5
	High	2478	1.362	≥ 0.5

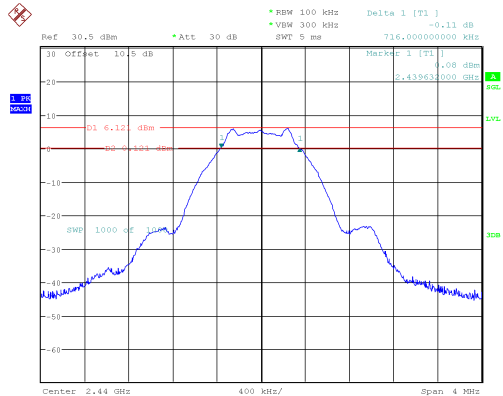
BLE (1 Mbps)

Low Channel



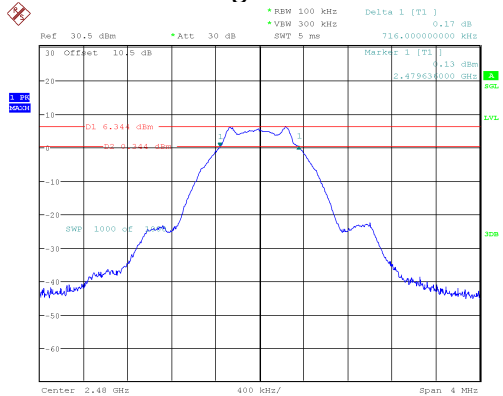
ProjectNo.:RKSA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 09:27:14

Middle Channel



ProjectNo.:RKSA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 09:41:08

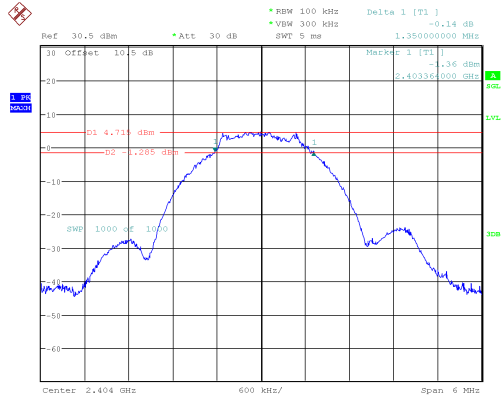
High Channel



ProjectNo.:RKSA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 09:51:23

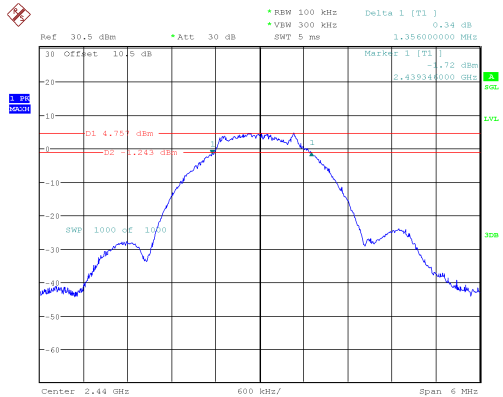
BLE (2 Mbps)

Low Channel



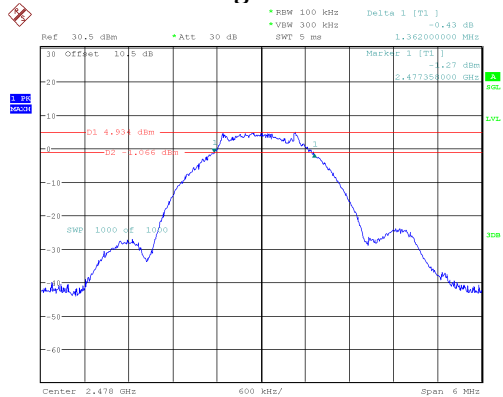
ProjectNo.:RKSA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 10:03:19

Middle Channel



ProjectNo.:RKSA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 10:14:14

High Channel



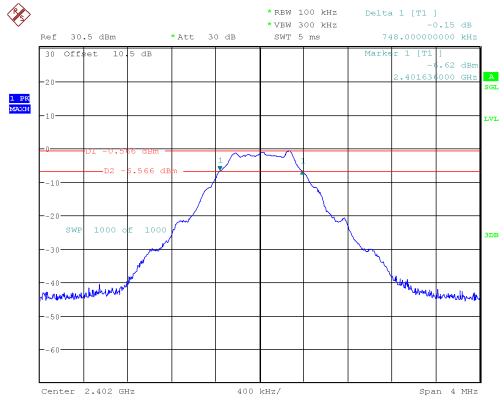
ProjectNo.:RKSA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 10:23:56

Module 2

Mode	Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	Limit (MHz)
BLE (1 Mbps)	Low	2402	0.748	≥ 0.5
	Middle	2440	0.736	≥ 0.5
	High	2480	0.744	≥ 0.5
BLE (2 Mbps)	Low	2402	1.170	≥ 0.5
	Middle	2440	1.176	≥ 0.5
	High	2480	1.170	≥ 0.5

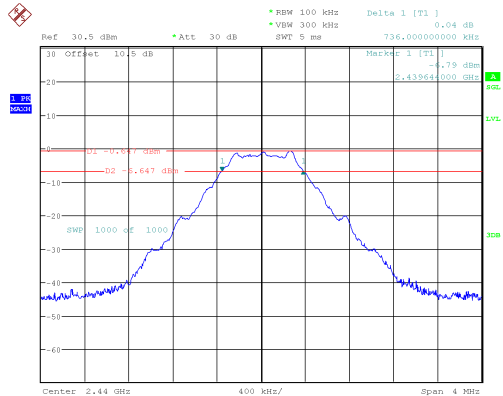
BLE (1 Mbps)

Low Channel



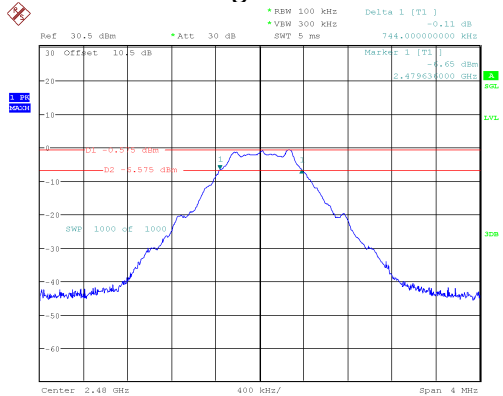
ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 11:19:58

Middle Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 11:30:02

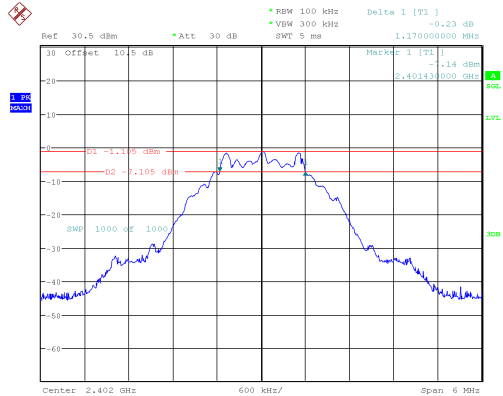
High Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 11:40:04

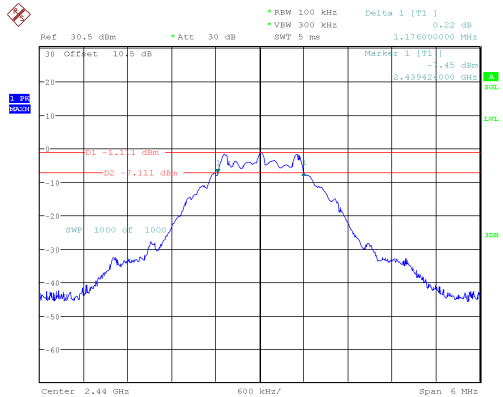
BLE (2 Mbps)

Low Channel



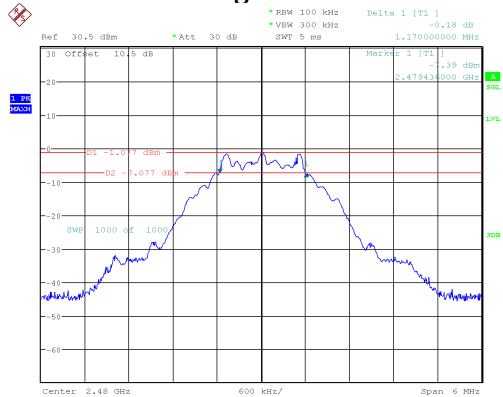
ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 11:54:01

Middle Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 13:09:54

High Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 13:22:02

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

Test Date:	2025-12-01
Temperature:	21.2 °C
Relative Humidity:	47 %
ATM Pressure:	102.2 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Result: Compliant.

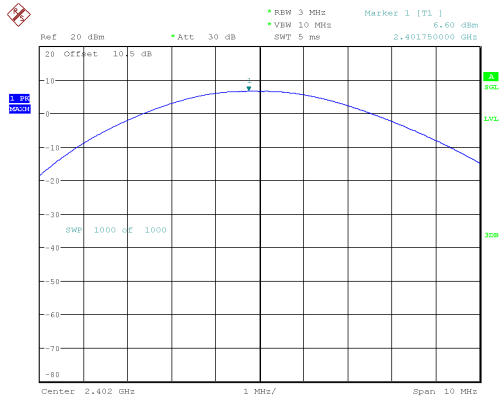
EUT operation mode: Transmitting

Module 1

Mode	Channel	Frequency (MHz)	Max Conducted Peak Output Power (dBm)	Limit (dBm)	Result
BLE (1 Mbps)	Low	2402	6.60	30	Pass
	Middle	2440	6.46	30	Pass
	High	2480	6.61	30	Pass
BLE (2 Mbps)	Low	2404	6.52	30	Pass
	Middle	2440	6.47	30	Pass
	High	2478	6.61	30	Pass

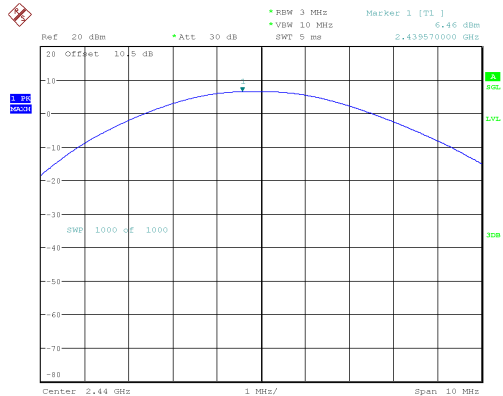
BLE (1 Mbps)

Low Channel



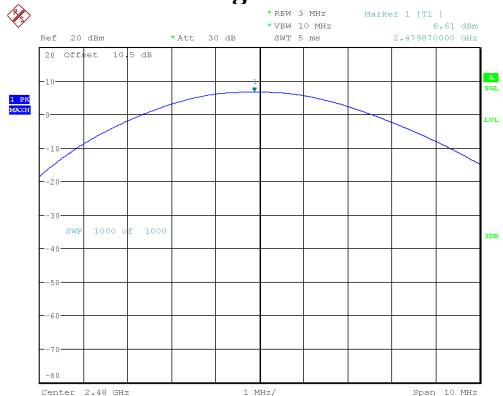
ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 09:29:39

Middle Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 09:41:49

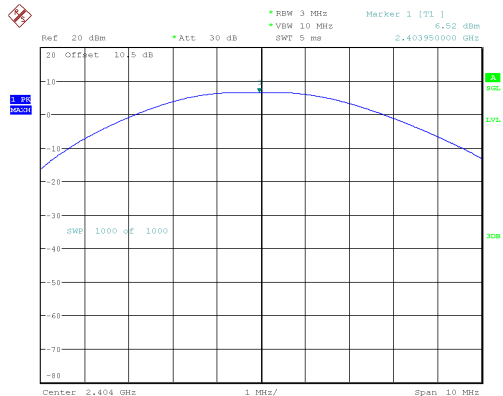
High Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 09:53:40

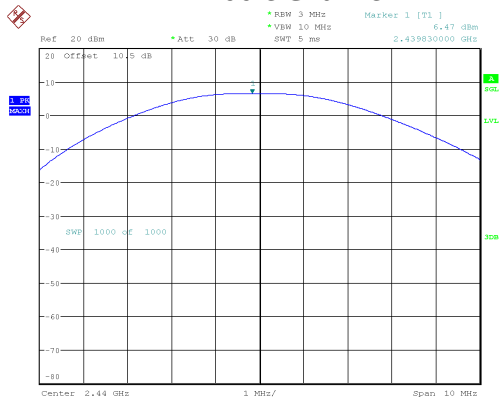
BLE (2 Mbps)

Low Channel



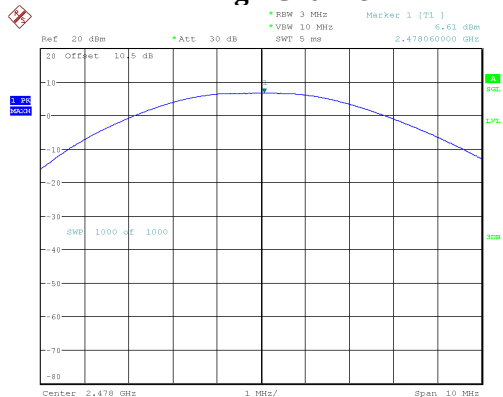
ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 10:04:30

Middle Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 10:14:51

High Channel



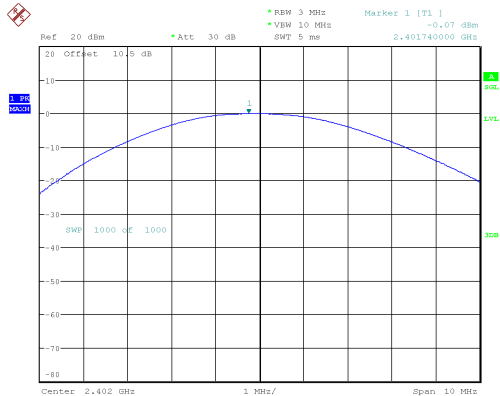
ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 10:24:51

Module 2

Mode	Channel	Frequency (MHz)	Max Conducted Peak Output Power (dBm)	Limit (dBm)	Result
BLE (1 Mbps)	Low	2402	-0.07	30	Pass
	Middle	2440	-0.09	30	Pass
	High	2480	0.00	30	Pass
BLE (2 Mbps)	Low	2402	0.06	30	Pass
	Middle	2440	0.01	30	Pass
	High	2480	-0.01	30	Pass

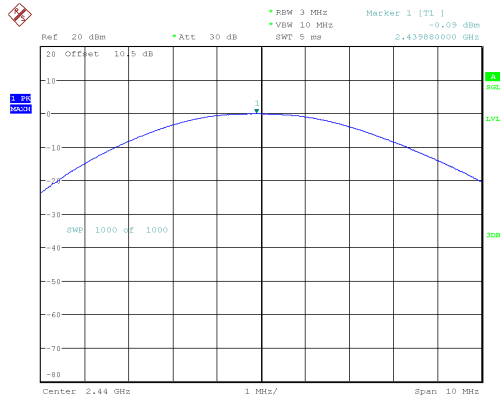
BLE (1 Mbps)

Low Channel



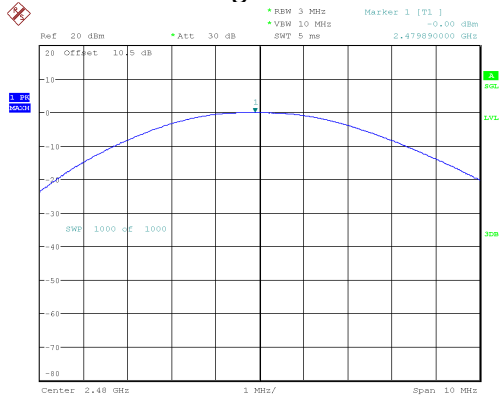
ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 11:21:53

Middle Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 11:30:58

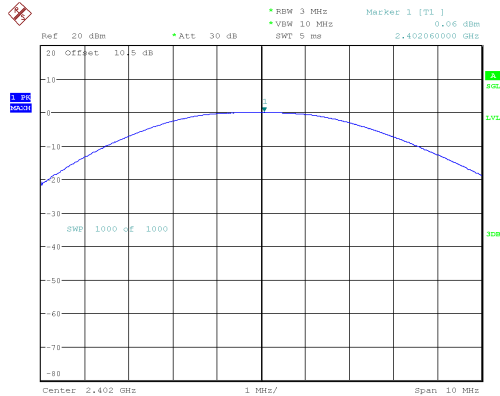
High Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 11:42:09

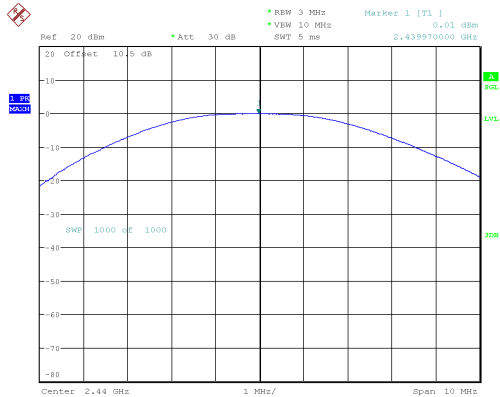
BLE (2 Mbps)

Low Channel



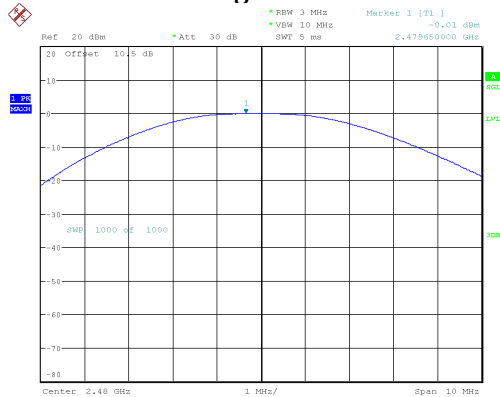
ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 11:55:48

Middle Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 13:13:27

High Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 13:24:21

BAND EDGE**Environmental Conditions & Test Information**

Test Date:	2025-12-01
Temperature:	21.2 °C
Relative Humidity:	47 %
ATM Pressure:	102.2 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Result: Compliant.

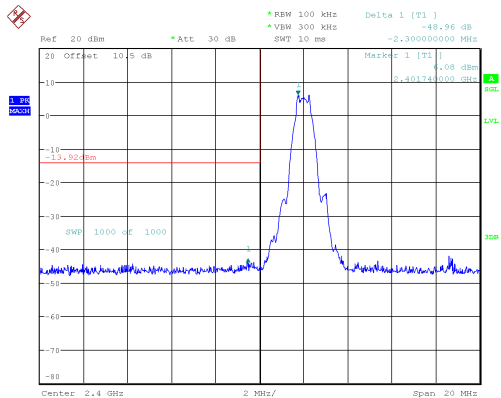
EUT operation mode: Transmitting

Module 1

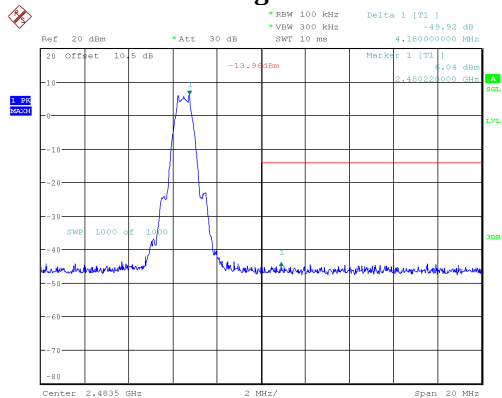
Mode	Channel	Frequency (MHz)	Result (dBc)	Limit (dBc)
BLE (1 Mbps)	Low	2402	48.96	20
	High	2480	49.92	
BLE (2 Mbps)	Low	2404	48.38	20
	High	2478	49.12	

BLE (1 Mbps)

Left Side



Right Side

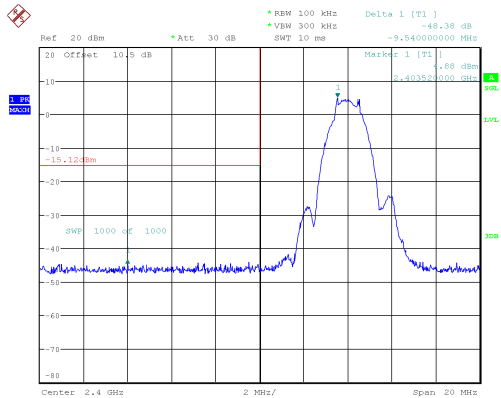


ProjectNo.:RKSA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 09:10:18

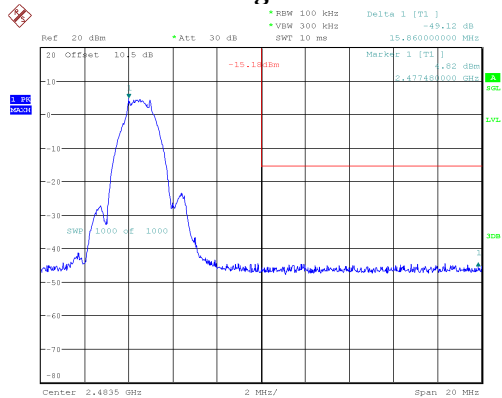
ProjectNo.:RKSA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 09:54:19

BLE (2 Mbps)

Left Side



Right Side



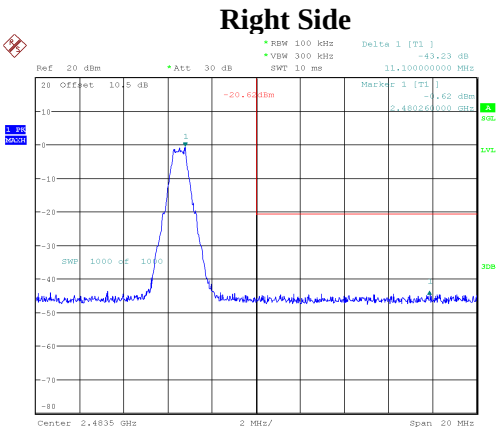
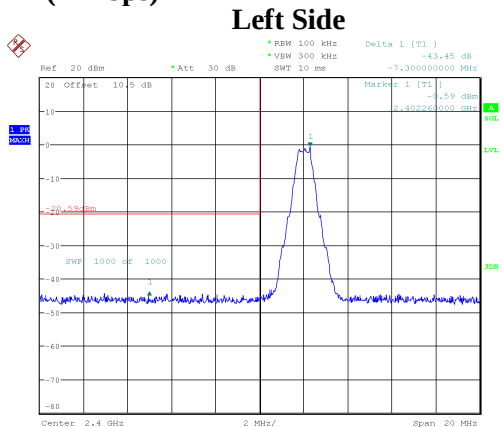
ProjectNo.:RKSA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 10:05:10

ProjectNo.:RKSA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 10:25:51

Module 2

Mode	Channel	Frequency (MHz)	Result (dBc)	Limit (dBc)
BLE (1 Mbps)	Low	2402	43.45	20
	High	2480	43.23	
BLE (2 Mbps)	Low	2402	31.84	20
	High	2480	42.89	

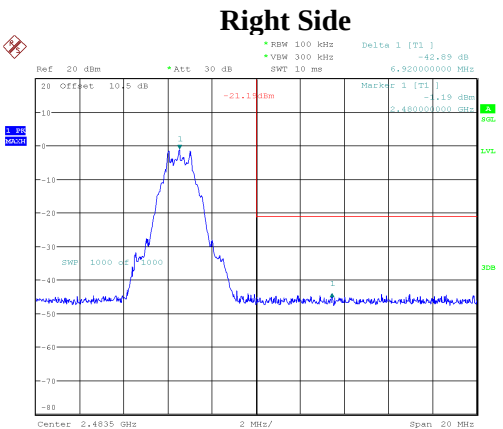
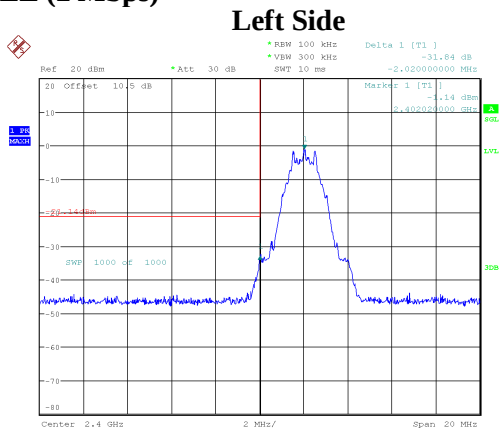
BLE (1 Mbps)



ProjectNo.:RKSA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 11:22:52

ProjectNo.:RKSA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 11:43:09

BLE (2 Mbps)



ProjectNo.:RKSA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 11:56:48

ProjectNo.:RKSA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 13:25:21

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

Test Date:	2025-12-01
Temperature:	21.2 °C
Relative Humidity:	47 %
ATM Pressure:	102.2 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Result: Compliant.

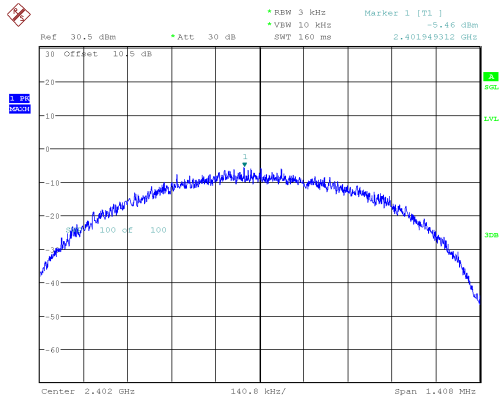
EUT operation mode: Transmitting

Module 1

Mode	Channel	Frequency (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)
BLE (1 Mbps)	Low	2402	-5.46	≤8
	Middle	2440	-6.20	≤8
	High	2480	-5.12	≤8
BLE (2 Mbps)	Low	2404	-9.07	≤8
	Middle	2440	-8.82	≤8
	High	2478	-8.86	≤8

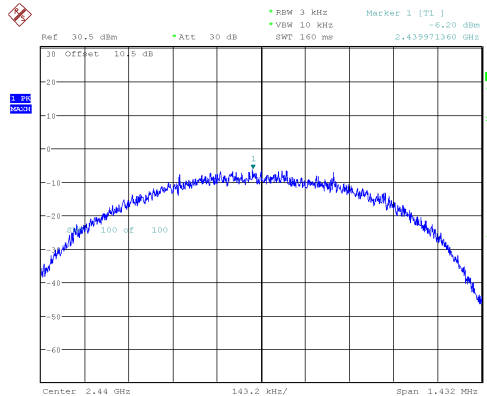
BLE (1 Mbps)

Low Channel



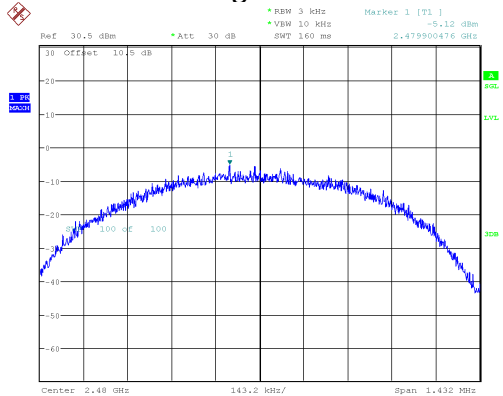
ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 09:11:03

Middle Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 09:42:15

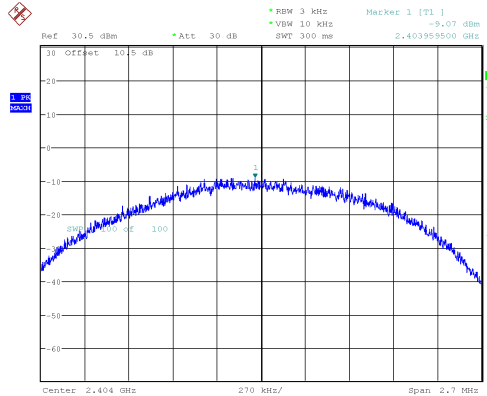
High Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 09:55:05

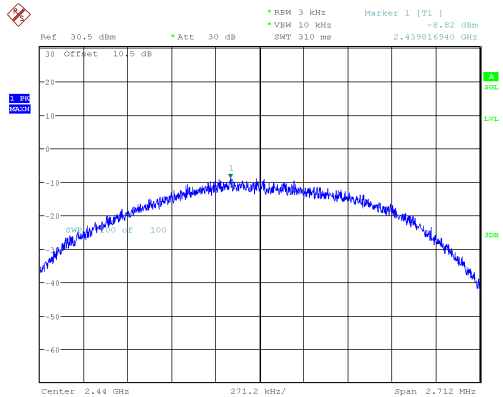
BLE (2 Mbps)

Low Channel



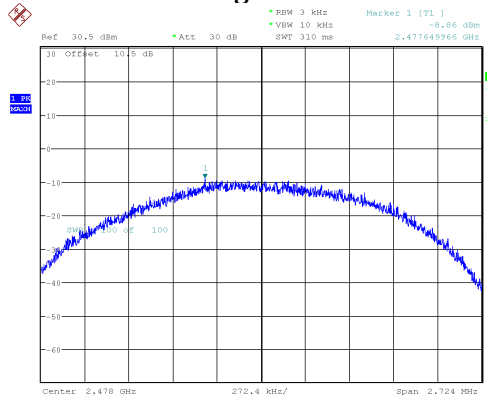
ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 10:06:33

Middle Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 10:15:31

High Channel



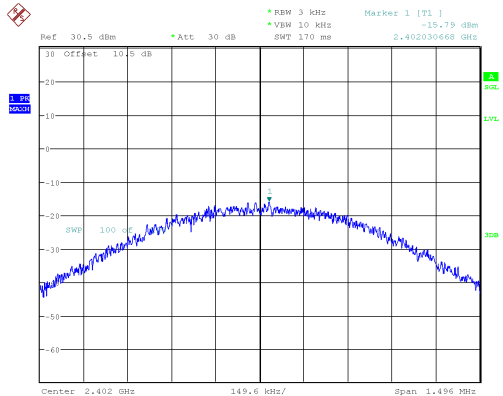
ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 10:27:13

Module 2

Mode	Channel	Frequency (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)
BLE (1 Mbps)	Low	2402	-15.79	≤ 8
	Middle	2440	-15.73	≤ 8
	High	2480	-16.03	≤ 8
BLE (2 Mbps)	Low	2402	-19.30	≤ 8
	Middle	2440	-19.31	≤ 8
	High	2480	-19.46	≤ 8

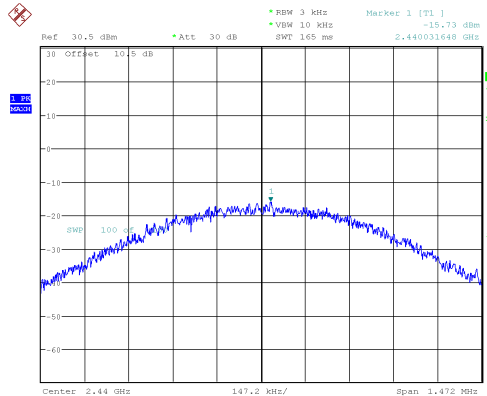
BLE (1 Mbps)

Low Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 11:23:17

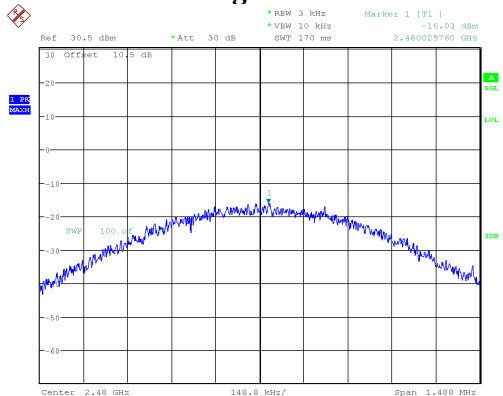
Middle Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 11:31:23

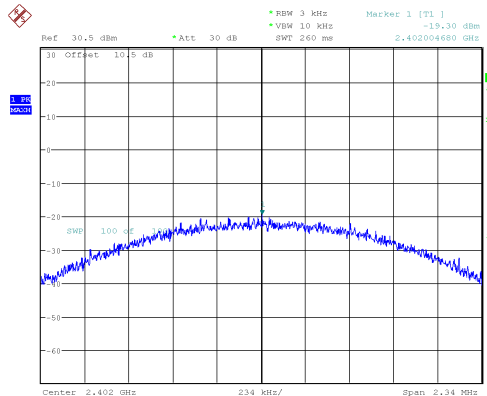
BLE (2 Mbps)

High Channel



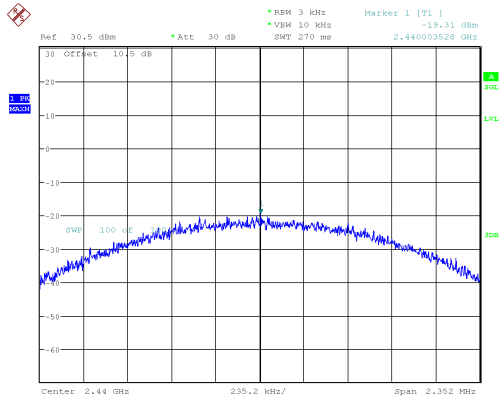
ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 11:43:35

Low Channel



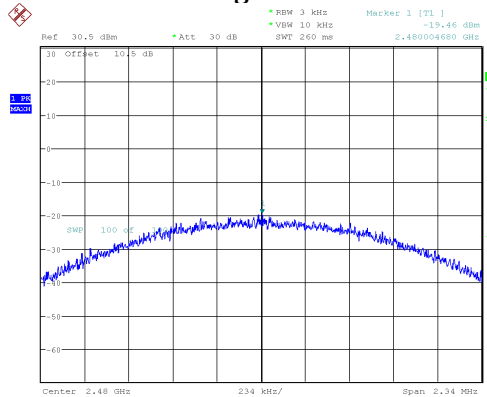
ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 11:57:24

Middle Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 13:14:04

High Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 13:25:56

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

Test Date:	2025-12-01
Temperature:	21.2 °C
Relative Humidity:	47 %
ATM Pressure:	102.2 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

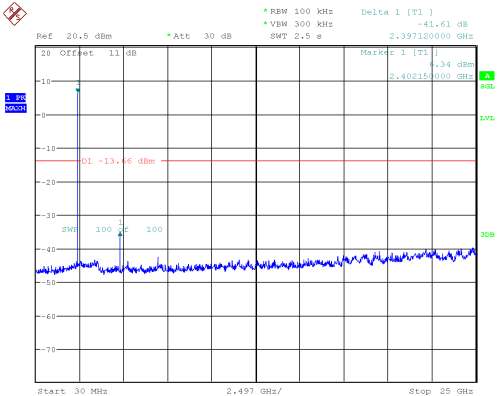
Test Result: Compliant.

EUT operation mode: Transmitting

Module 1

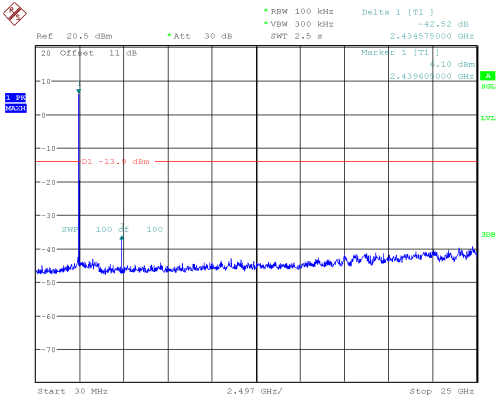
Mode	Channel	Frequency (MHz)	Result (dBc)	Limit (dBc)
BLE (1 Mbps)	Low	2402	41.61	20
	Middle	2440	42.52	
	High	2480	45.48	
BLE (2 Mbps)	Low	2404	41.61	
	Middle	2440	43.91	
	High	2478	44.58	

BLE (1 Mbps): Low Channel



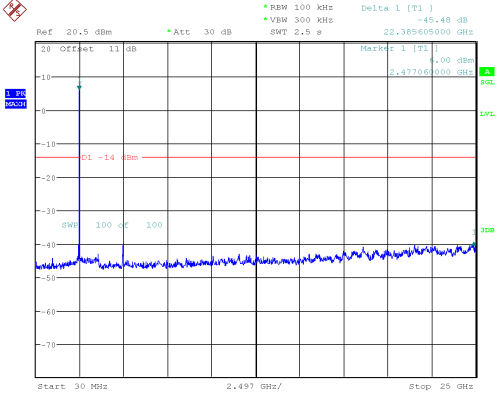
ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 09:19:05

BLE (1 Mbps): Middle Channel



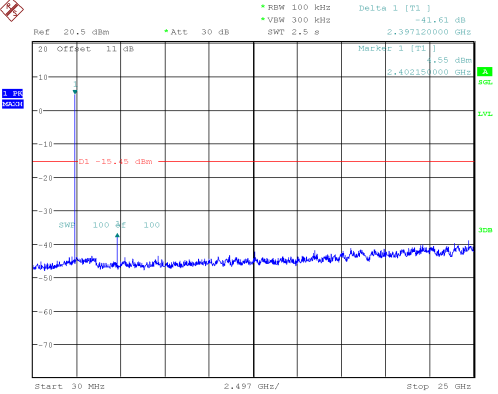
ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 09:49:17

BLE (1 Mbps): High Channel



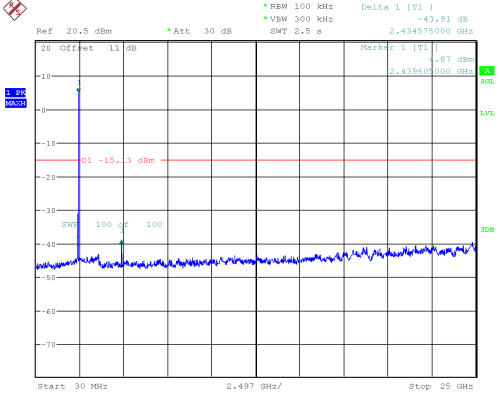
ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 10:00:35

BLE (2 Mbps): Low Channel



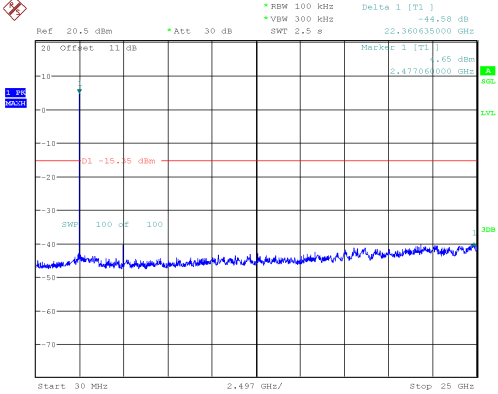
ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 10:11:58

BLE (2 Mbps): Middle Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 10:21:13

BLE (2 Mbps): High Channel

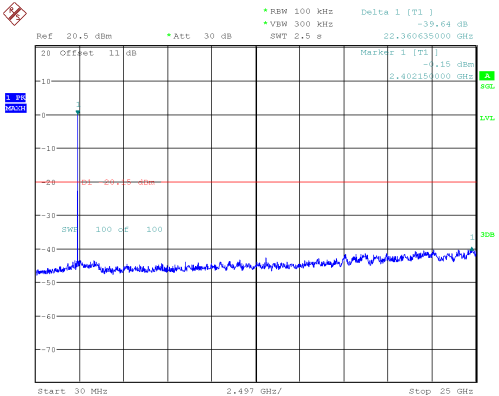


ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 10:35:00

Module 2

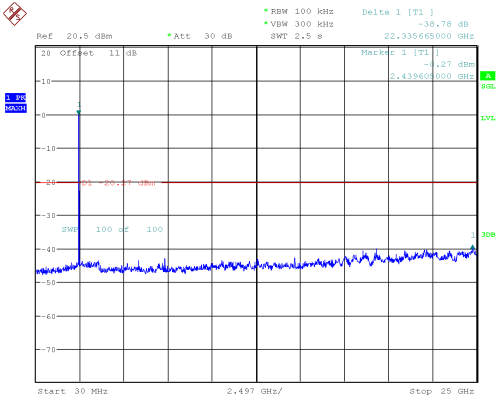
Mode	Channel	Frequency (MHz)	Result (dBc)	Limit (dBc)
BLE (1 Mbps)	Low	2402	39.64	20
	Middle	2440	38.78	
	High	2480	39.12	
BLE (2 Mbps)	Low	2402	37.11	
	Middle	2440	36.75	
	High	2480	38.46	

BLE (1 Mbps): Low Channel



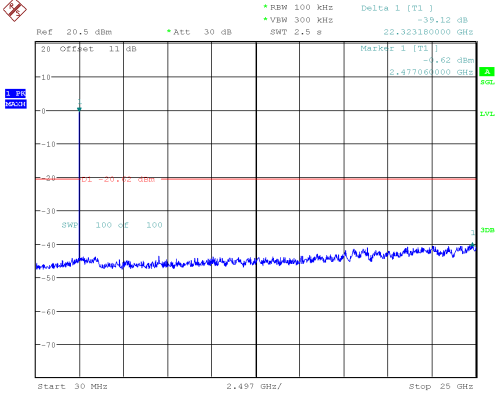
ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 11:28:27

BLE (1 Mbps): Middle Channel



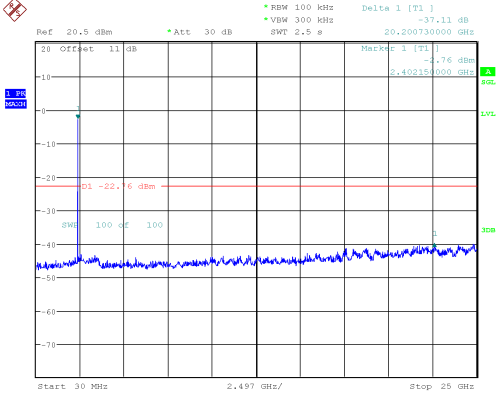
ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 11:38:10

BLE (1 Mbps): High Channel



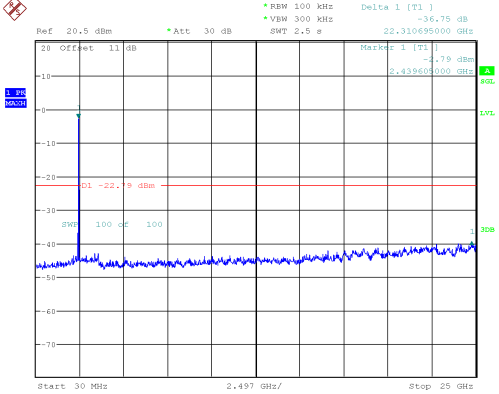
ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 11:49:41

BLE (2 Mbps): Low Channel



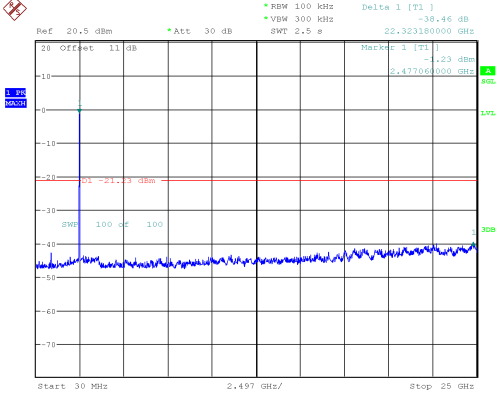
ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 13:08:07

BLE (2 Mbps): Middle Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 13:20:13

BLE (2 Mbps): High Channel



ProjectNo.:RSHA251106001 Tester:Neil Zhou
Date: 1.DEC.2025 13:33:15

Declarations

1. The laboratory is not responsible for the authenticity of any information provided by the applicant. Information from the applicant that may affect test results is marked with “★”.
2. The test data was only valid for the test sample(s).
3. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.
4. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
5. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor $k=2$ with the 95.45% confidence interval.
6. This report may contain standards and test items that are not covered by the accreditation scope and shall be marked with an asterisk “▲”.

******* END OF REPORT *******