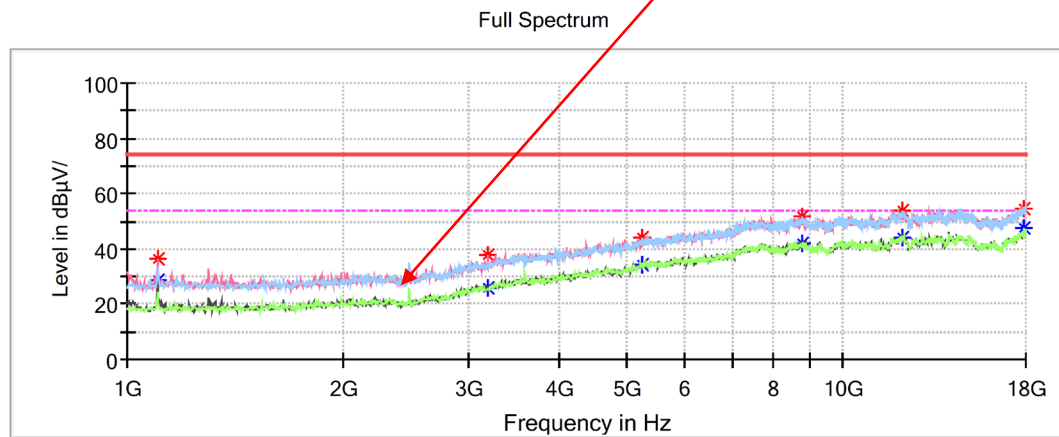


High Channel: 2480 MHz**Common Information**

Project No.:	RKSA260317001
EUT Model:	Birdie 3X-U
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:	20.3°C
Humidity:	52%
Atmospheric Pressure:	102.6kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/4/25

Fundamental Test with
Band Reject Filter

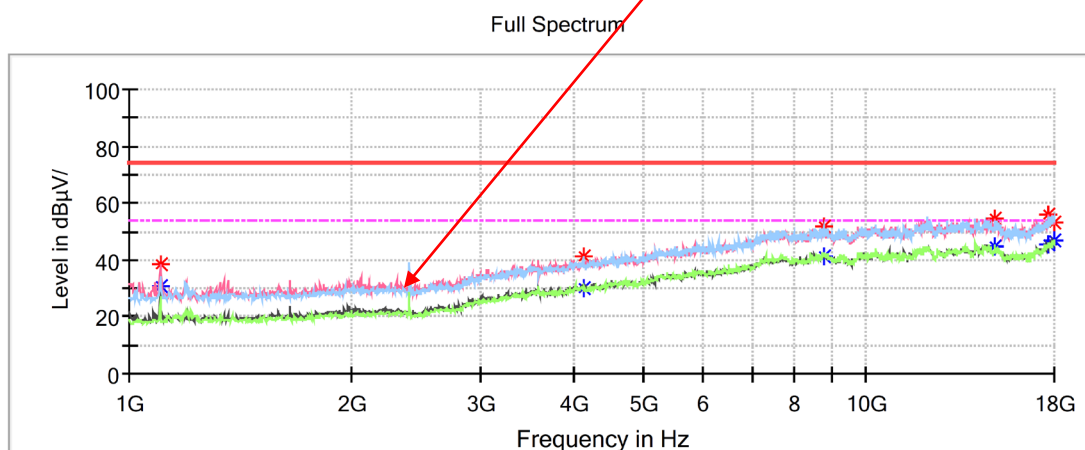
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1102.000000	---	28.39	54.00	25.61	V	-15.7
1102.000000	36.54	---	74.00	37.46	V	-15.7
3186.200000	---	26.15	54.00	27.85	V	-7.6
3186.200000	37.49	---	74.00	36.51	V	-7.6
5236.400000	---	34.07	54.00	19.93	H	-2.2
5236.400000	44.34	---	74.00	29.66	H	-2.2
8786.000000	---	41.75	54.00	12.25	V	4.8
8786.000000	51.61	---	74.00	22.39	V	4.8
12124.800000	54.03	---	74.00	19.97	V	9.0
12124.800000	---	44.23	54.00	9.77	V	9.0
17911.600000	54.44	---	74.00	19.56	H	13.3
17911.600000	---	47.62	54.00	6.38	H	13.3

1 GHz-18 GHz:**BLE (2 Mbps)****Low Channel: 2404 MHz****Common Information**

Project No.: RKSA260317001
EUT Model: Birdie 3X-U
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: 20.3℃
Humidity: 52%
Atmospheric Pressure: 102.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/4/25

Fundamental Test with
Band Reject Filter

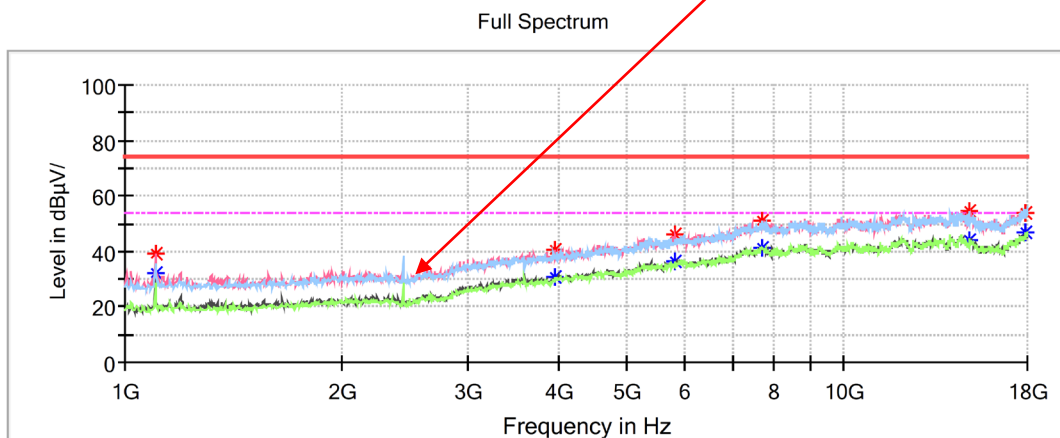
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1102.000000	---	30.84	54.00	23.16	V	-15.7
1102.000000	38.63	---	74.00	35.37	V	-15.7
4128.000000	41.23	---	74.00	32.77	H	-4.8
4128.000000	---	30.14	54.00	23.86	H	-4.8
8741.800000	51.85	---	74.00	22.15	H	4.8
8741.800000	---	41.29	54.00	12.71	H	4.8
14923.000000	54.76	---	74.00	19.24	V	9.6
14923.000000	---	44.50	54.00	9.50	V	9.6
17680.400000	---	45.48	54.00	8.52	V	11.9
17680.400000	56.03	---	74.00	17.97	V	11.9
17966.000000	53.14	---	74.00	20.86	V	13.6
17966.000000	---	46.98	54.00	7.02	V	13.6

Middle Channel: 2440 MHz**Common Information**

Project No.:	RKSA260317001
EUT Model:	Birdie 3X-U
Test Mode:	Transmitting in BLE-1M Middle Channel
Standard:	FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	20.3℃
Humidity:	52%
Atmospheric Pressure:	102.6kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/4/25

Fundamental Test with
Band Reject Filter

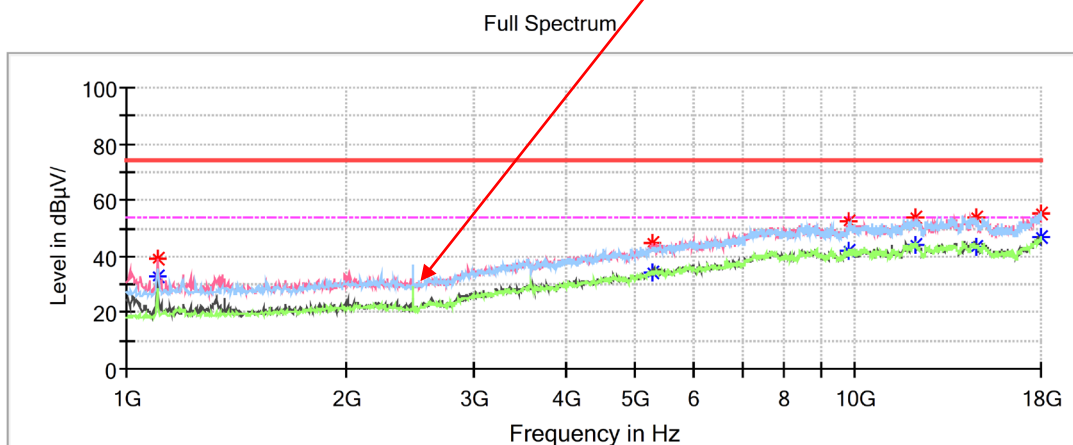
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1102.000000	---	32.45	54.00	21.55	V	-15.7
1102.000000	39.23	---	74.00	34.77	V	-15.7
3958.000000	---	30.54	54.00	23.46	V	-5.0
3958.000000	40.69	---	74.00	33.31	V	-5.0
5828.000000	---	36.67	54.00	17.33	H	-1.0
5828.000000	46.04	---	74.00	27.96	H	-1.0
7687.800000	51.30	---	74.00	22.70	V	3.4
7687.800000	---	41.12	54.00	12.88	V	3.4
14967.200000	---	43.78	54.00	10.22	H	9.5
14967.200000	54.48	---	74.00	19.52	H	9.5
17918.400000	54.08	---	74.00	19.92	H	13.3
17918.400000	---	47.20	54.00	6.80	H	13.3

High Channel: 2478 MHz**Common Information**

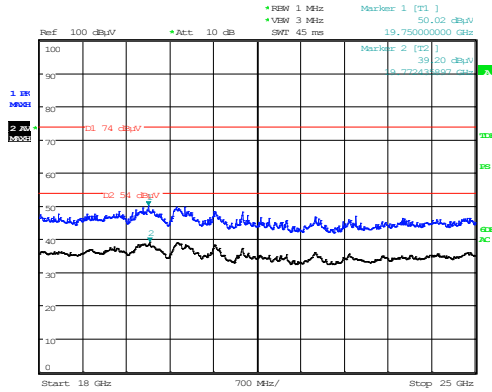
Project No.: RKSA260317001
EUT Model: Birdie 3X-U
Test Mode: Transmitting in BLE-1M High Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 20.3℃
Humidity: 52%
Atmospheric Pressure: 102.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/4/25

Fundamental Test with
Band Reject Filter

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1102.000000	---	33.12	54.00	20.88	V	-15.7
1102.000000	39.35	---	74.00	34.65	V	-15.7
5267.000000	---	34.36	54.00	19.64	V	-2.1
5267.000000	45.05	---	74.00	28.95	V	-2.1
9809.400000	---	41.98	54.00	12.02	H	5.8
9809.400000	52.64	---	74.00	21.36	H	5.8
12094.200000	---	43.87	54.00	10.13	V	9.0
12094.200000	53.75	---	74.00	20.25	V	9.0
14630.600000	---	43.20	54.00	10.80	H	10.6
14630.600000	53.88	---	74.00	20.12	H	10.6
17989.800000	55.48	---	74.00	18.52	H	13.8
17989.800000	---	46.89	54.00	7.11	H	13.8

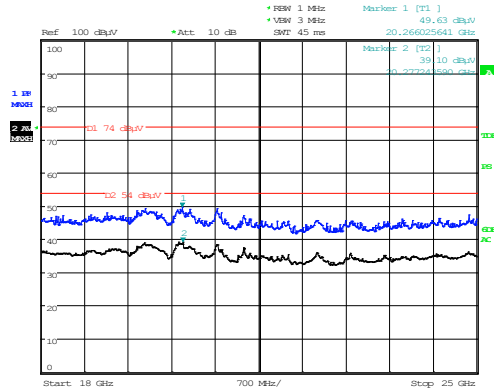
18 GHz - 25 GHz :
Transmitting in maximum output power BLE (1 Mbps) low channel:
Horizontal



Project No.: RKSA260317001
 Date: 1.APR.2026 09:33:43

Tester: Hugh Wu

Vertical

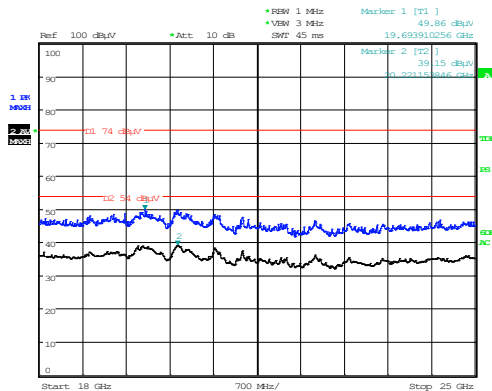


Project No.: RKSA260317001
 Date: 1.APR.2026 10:05:28

Tester: Hugh Wu

Frequency (GHz)	Max Peak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
20.28	---	39.1	54	14.9	V	12.53
20.27	49.63	---	74	24.37	V	12.52
19.77	---	39.2	54	14.8	H	11.62
19.75	50.02	---	74	23.98	H	11.56

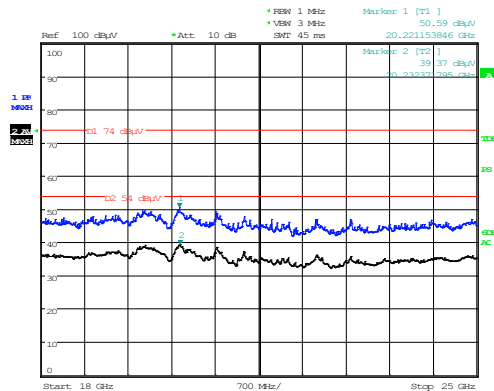
18 GHz - 25 GHz :
Transmitting in maximum output power BLE (2 Mbps) low channel:
Horizontal



Project No.: RKSA260317001
 Date: 1.APR.2026 10:36:46

Tester: Hugh Wu

Vertical



Project No.: RKSA260317001
 Date: 1.APR.2026 11:08:23

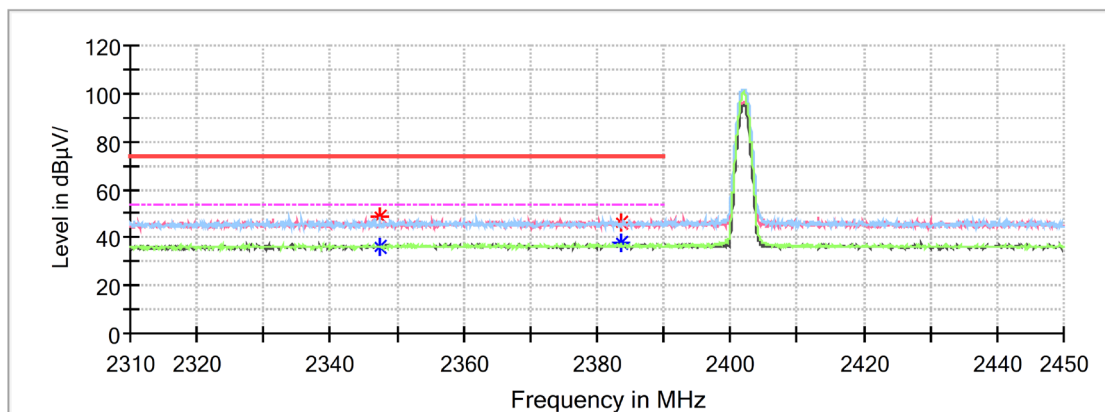
Tester: Hugh Wu

Frequency (GHz)	Max Peak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Pol	Corr. (dB/m)
20.23	---	39.37	54	14.63	V	12.49
20.22	50.59	---	74	23.41	V	12.48
20.22	---	39.15	54	14.85	H	12.48
19.69	49.86	---	74	24.14	H	11.4

RESTRICTED BANDS EMISSION:**BLE (1 Mbps)****Left Side****Common Information**

Project No.: RKSA260317001
EUT Model: Birdie 3X-U
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: 17.9°C
Humidity: 53%
Atmospheric Pressure: 101.8kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/3/28

Full Spectrum

**Critical_Freqs**

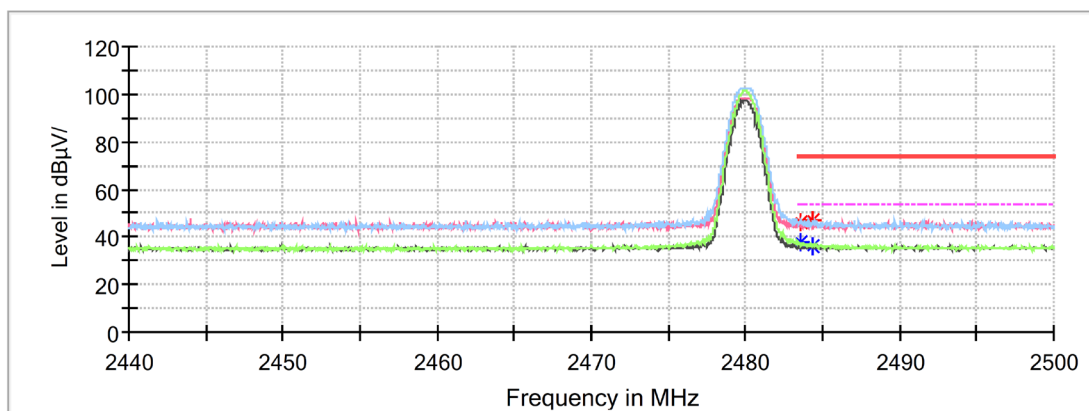
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2347.464000	48.36	---	74.00	25.64	H	0.3
2347.464000	---	36.10	54.00	17.90	H	0.3
2383.640000	46.00	---	74.00	28.00	H	0.4
2383.640000	---	37.37	54.00	16.63	H	0.4

Right Side

Common Information

Project No.: RKSA260317001
EUT Model: Birdie 3X-U
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: 17.9℃
Humidity: 53%
Atmospheric Pressure: 101.8kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/3/28

Full Spectrum

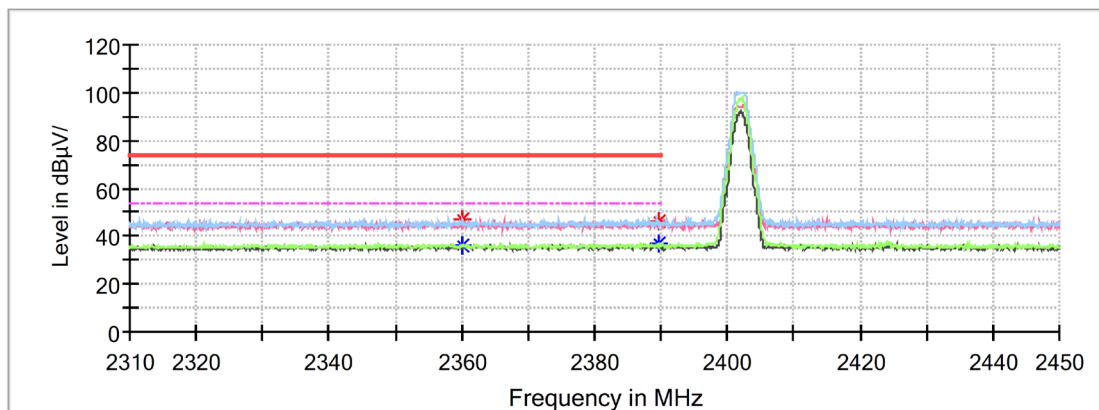


Critical_Freqs

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	---	37.73	54.00	16.27	H	0.5
2483.560000	46.41	---	74.00	27.59	H	0.5
2484.328000	---	35.79	54.00	18.21	H	0.5
2484.328000	47.14	---	74.00	26.86	H	0.5

RESTRICTED BANDS EMISSION:**BLE (2 Mbps)****Left Side****Common Information**

Project No.:	RKSA260317001
EUT Model:	Birdie 3X-U
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:	17.9℃
Humidity:	53%
Atmospheric Pressure:	101.8kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/3/28

Full Spectrum**Critical_Freqs**

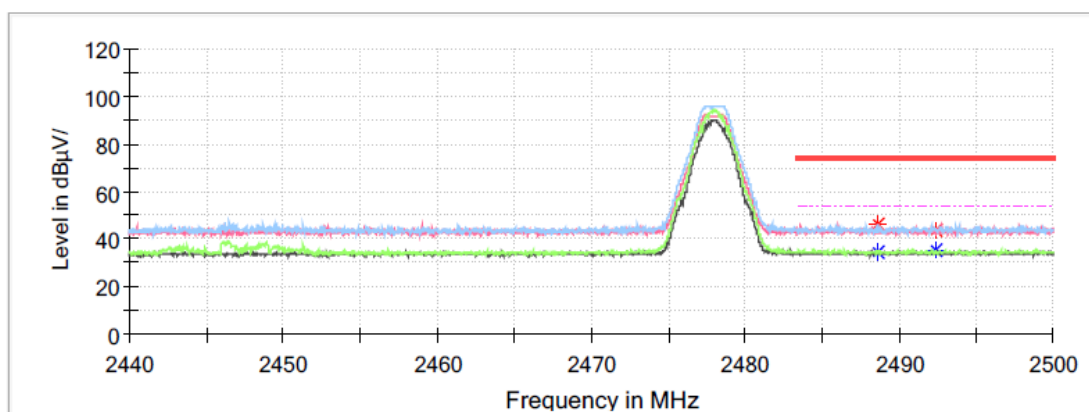
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2360.232000	47.39	---	74.00	26.61	H	0.3
2360.232000	---	35.96	54.00	18.04	H	0.3
2389.800000	45.98	---	74.00	28.02	H	0.4
2389.800000	---	36.79	54.00	17.21	H	0.4

Right Side

Common Information

Project No.: RKSA260317001
EUT Model: Birdie 3X-U
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: 17.9℃
Humidity: 53%
Atmospheric Pressure: 101.8kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/3/28

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)
2488.600000	46.00	---	74.00	28.00	H	-0.3
2488.600000	---	34.26	54.00	19.74	H	-0.3
2492.392000	43.40	---	74.00	30.60	H	-0.3
2492.392000	---	35.60	54.00	18.40	H	-0.3

6 dB EMISSION BANDWIDTH

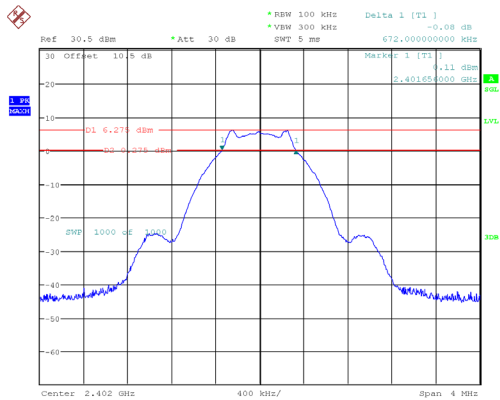
Environmental Conditions & Test Information

Test Date:	2026-04-02
Temperature:	22 °C
Relative Humidity:	50 %
ATM Pressure:	101.5 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Mode	Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	Limit (MHz)
BLE (1 Mbps)	Low	2402	0.672	≥0.5
	Middle	2440	0.676	≥0.5
	High	2480	0.668	≥0.5

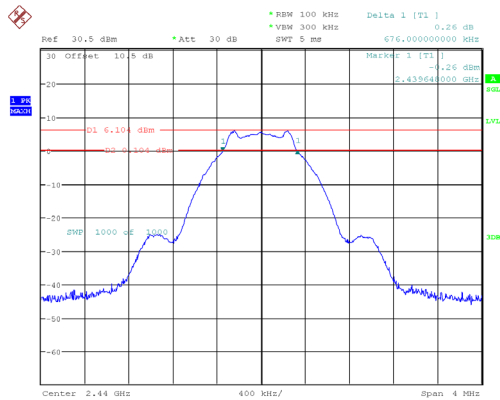
BLE (1 Mbps)

Low Channel



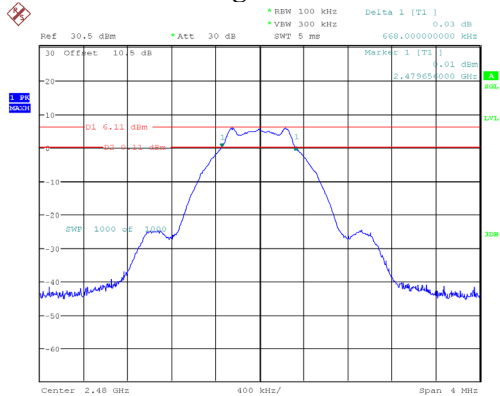
ProjectNo.:RKSA260317001 Tester:Neil Zhou
Date: 2.APR.2026 17:28:13

Middle Channel



ProjectNo.:RKSA260317001 Tester:Neil Zhou
Date: 2.APR.2026 17:12:57

High Channel

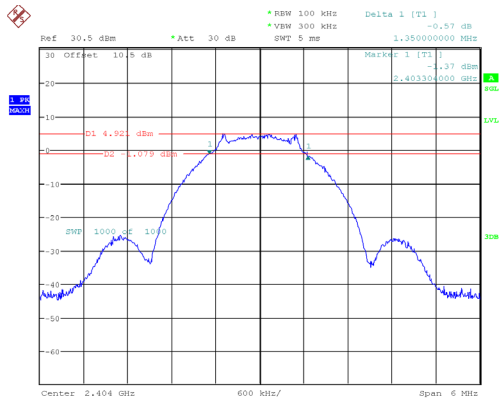


ProjectNo.:RKSA260317001 Tester:Neil Zhou
Date: 2.APR.2026 17:19:59

Mode	Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	Limit (MHz)
BLE (2 Mbps)	Low	2404	1.350	≥0.5
	Middle	2440	1.350	≥0.5
	High	2478	1.332	≥0.5

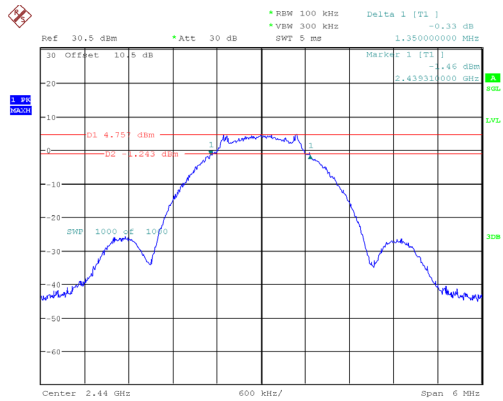
BLE (2 Mbps)

Low Channel



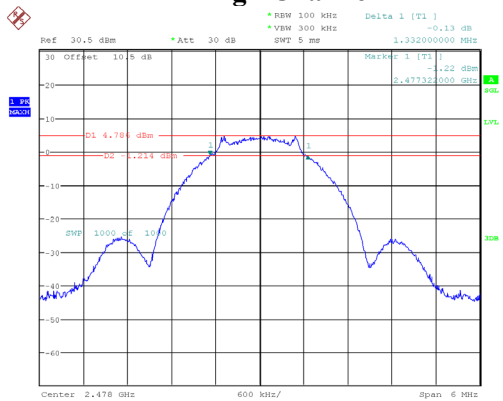
ProjectNo.:RKSA260317001 Tester:Neil Zhou
Date: 2.APR.2026 17:53:13

Middle Channel



ProjectNo.:RKSA260317001 Tester:Neil Zhou
Date: 2.APR.2026 17:43:07

High Channel

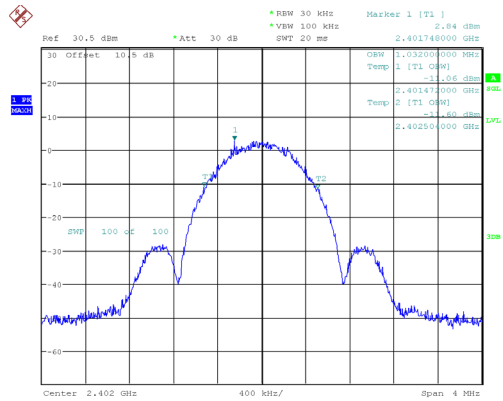


ProjectNo.:RKSA260317001 Tester:Neil Zhou
Date: 2.APR.2026 17:51:30

Mode	Channel	Frequency (MHz)	99% OBW (MHz)
BLE (1 Mbps)	Low	2402	1.032
	Middle	2440	1.036
	High	2480	1.036

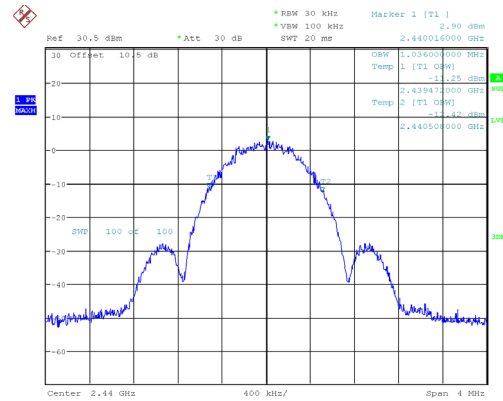
BLE (1 Mbps)

Low Channel



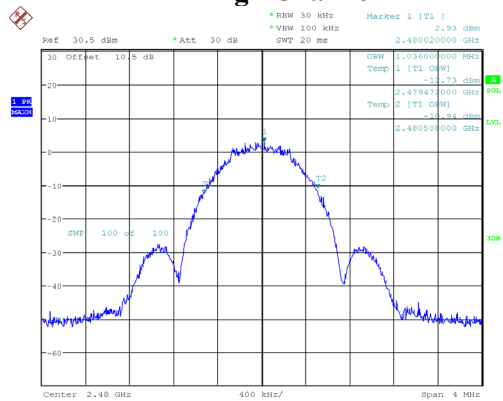
ProjectNo.:RKSA260317001 Tester:Neil Zhou
Date: 2.APR.2026 17:32:02

Middle Channel



ProjectNo.:RKSA260317001 Tester:Neil Zhou
Date: 2.APR.2026 17:10:51

High Channel

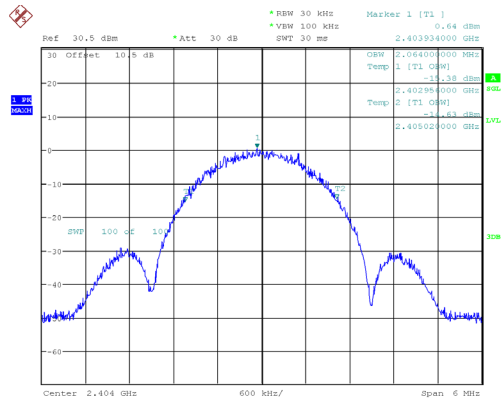


ProjectNo.:RKSA260317001 Tester:Neil Zhou
Date: 2.APR.2026 17:26:56

Mode	Channel	Frequency (MHz)	99% OBW (MHz)
BLE (2 Mbps)	Low	2404	2.064
	Middle	2440	2.076
	High	2478	2.076

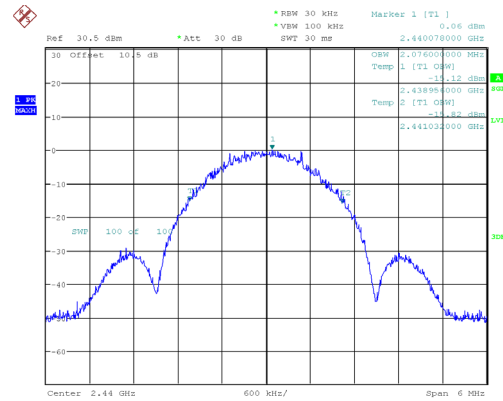
BLE (2 Mbps)

Low Channel



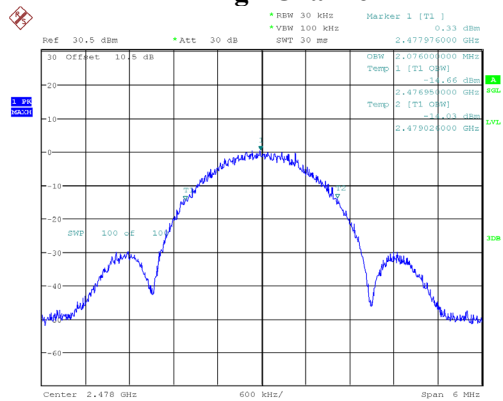
ProjectNo.:RKSA260317001 Tester:Neil Zhou
Date: 2.APR.2026 17:42:17

Middle Channel



ProjectNo.:RKSA260317001 Tester:Neil Zhou
Date: 2.APR.2026 17:49:39

High Channel



ProjectNo.:RKSA260317001 Tester:Neil Zhou
Date: 2.APR.2026 17:59:21

MAXIMUM CONDUCTED OUTPUT POWER

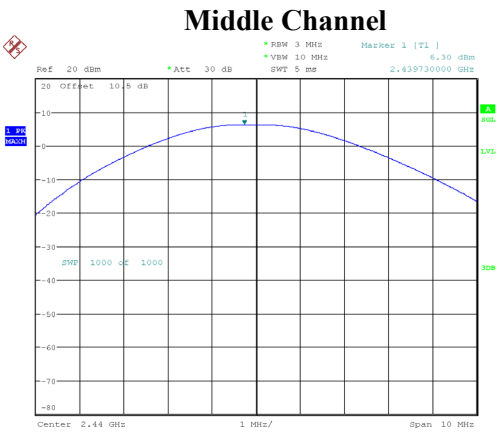
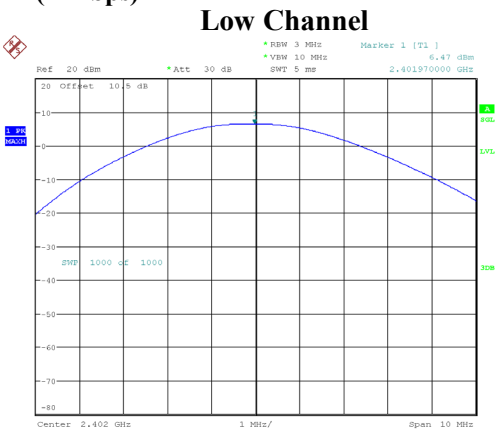
Environmental Conditions & Test Information

Test Date:	2026-04-02
Temperature:	22 °C
Relative Humidity:	50 %
ATM Pressure:	101.5 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Result: Compliant.
EUT operation mode: Transmitting

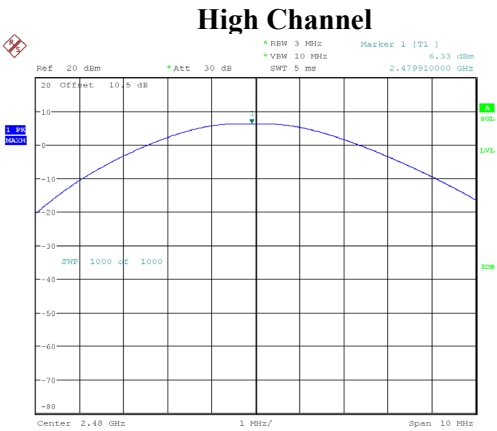
Mode	Channel	Frequency (MHz)	Max Conducted Peak Output Power (dBm)	Limit (dBm)	Result
BLE (1 Mbps)	Low	2402	6.47	30	Pass
	Middle	2440	6.30	30	Pass
	High	2480	6.33	30	Pass

BLE (1 Mbps)



ProjectNo.:RKSA260317001 Tester:Neil Zhou
Date: 2.APR.2026 17:30:22

ProjectNo.:RKSA260317001 Tester:Neil Zhou
Date: 2.APR.2026 17:13:33

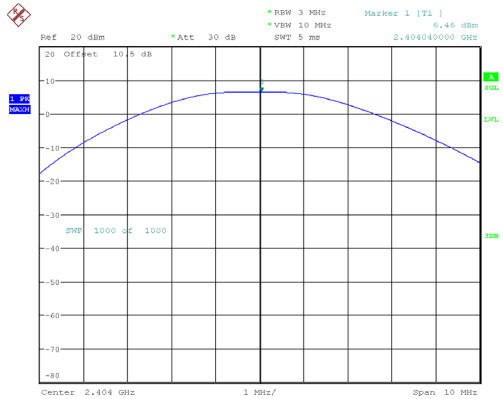


ProjectNo.:RKSA260317001 Tester:Neil Zhou
Date: 2.APR.2026 17:20:36

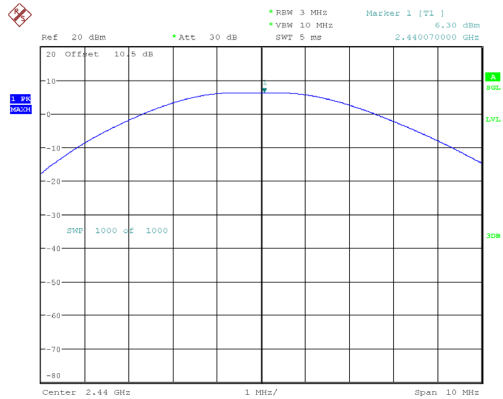
Mode	Channel	Frequency (MHz)	Max Conducted Peak Output Power (dBm)	Limit (dBm)	Result
BLE (2 Mbps)	Low	2404	6.46	30	Pass
	Middle	2440	6.30	30	Pass
	High	2478	6.33	30	Pass

BLE (2 Mbps)

Low Channel



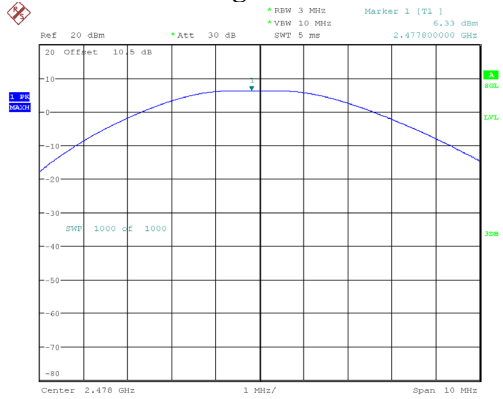
Middle Channel



ProjectNo.:RKSA260317001 Tester:Neil Zhou
Date: 2.APR.2026 17:34:36

ProjectNo.:RKSA260317001 Tester:Neil Zhou
Date: 2.APR.2026 17:44:04

High Channel



ProjectNo.:RKSA260317001 Tester:Neil Zhou
Date: 2.APR.2026 17:52:21