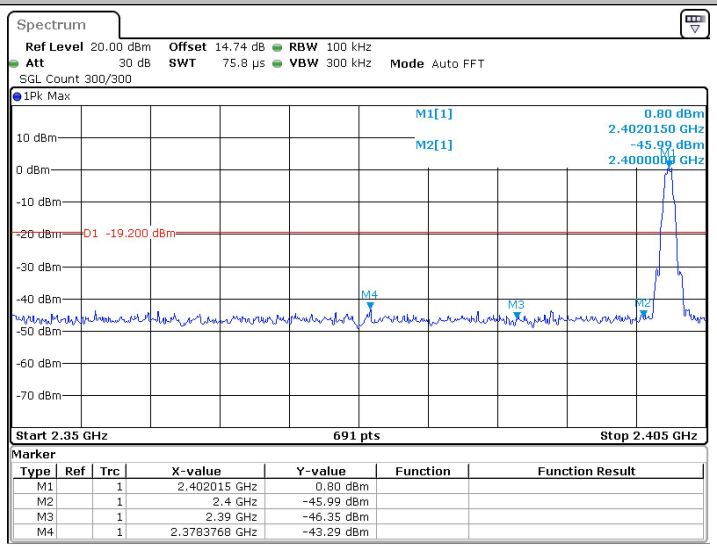
Appendix F: Band edge measurements

Test Result

TestMode	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Low	2402	0.80	-43.29	≤-19.2	PASS
	High	2480	0.62	-42.14	≤-19.38	PASS
BLE_2M	Low	2402	0.76	-36.31	≤-19.24	PASS
	High	2480	0.85	-42.37	≤-19.15	PASS

Test Graphs

BLE_1M_Ant1_Low_2402

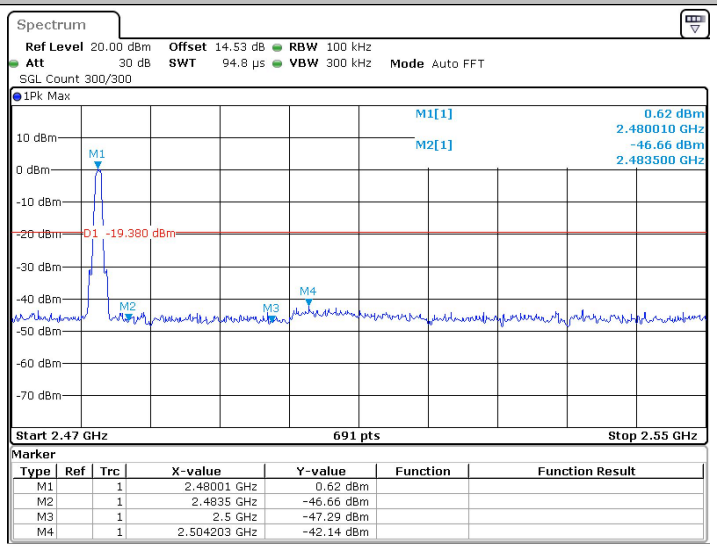


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.402015 GHz	0.80 dBm		
M2		1	2.4 GHz	-45.99 dBm		
M3		1	2.39 GHz	-46.35 dBm		
M4		1	2.3783768 GHz	-43.29 dBm		

Date: 15.MAY.2026 17:36:17

BLE_1M_Ant1_High_2480

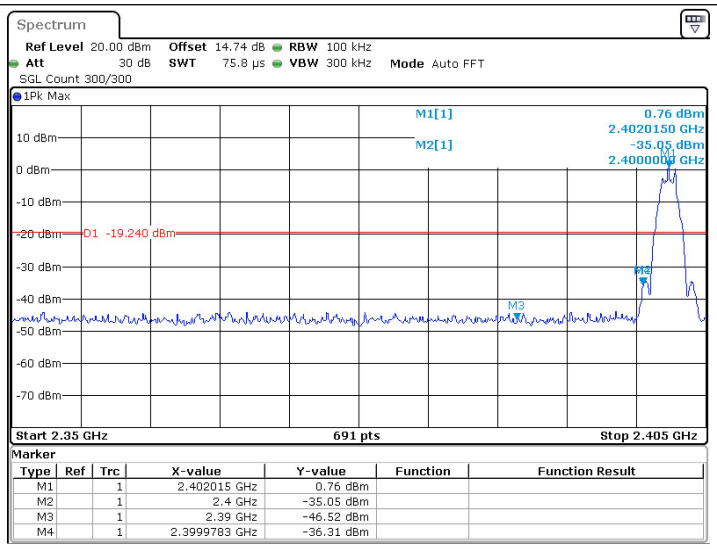


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.48001 GHz	0.62 dBm		
M2		1	2.4835 GHz	-46.66 dBm		
M3		1	2.5 GHz	-47.29 dBm		
M4		1	2.504203 GHz	-42.14 dBm		

Date: 15.MAY.2026 17:48:10

BLE_2M_Ant1_Low_2402

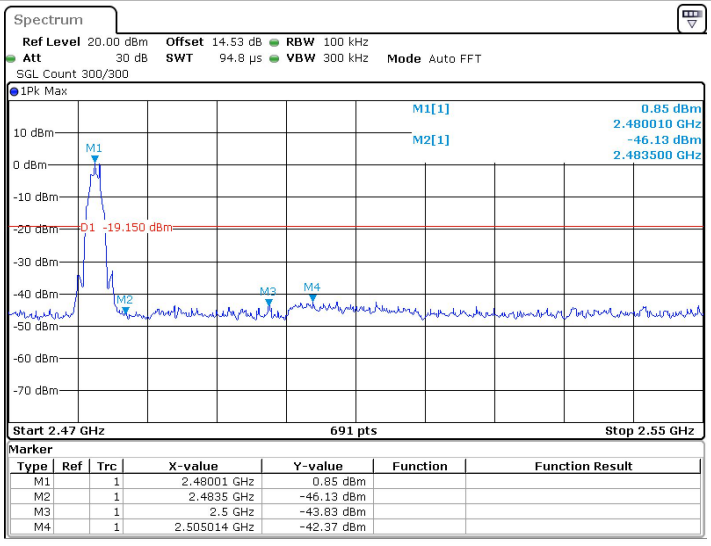


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.402015 GHz	0.76 dBm		
M2		1	2.4 GHz	-35.05 dBm		
M3		1	2.39 GHz	-46.52 dBm		
M4		1	2.3999783 GHz	-36.31 dBm		

Date: 15.MAY.2026 17:52:20

BLE_2M_Ant1_High_2480



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.48001 GHz	0.85 dBm		
M2		1	2.4835 GHz	-46.13 dBm		
M3		1	2.5 GHz	-43.83 dBm		
M4		1	2.505014 GHz	-42.37 dBm		

Date: 15.MAY.2026 17:59:41

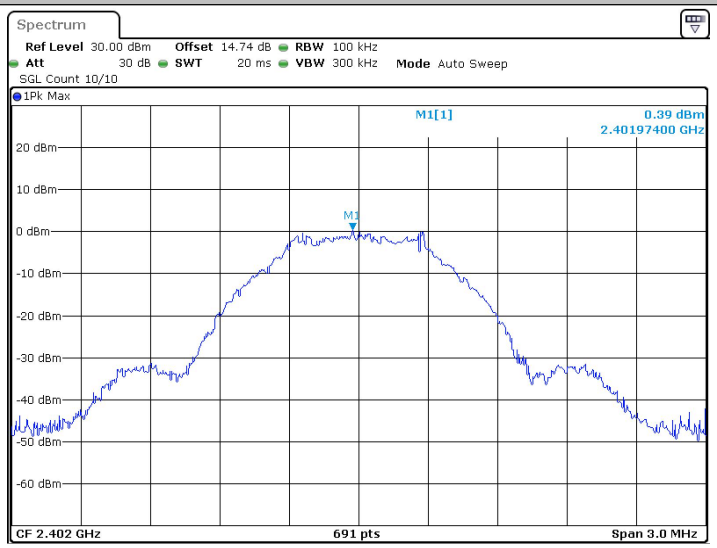
Appendix G: Conducted Spurious Emission

Test Result

TestMode	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	2402	Reference	0.39	0.39	---	PASS
		30~1000	0.39	-51.04	≤-19.61	PASS
		1000~26500	0.39	-35.62	≤-19.61	PASS
	2440	Reference	1.60	1.60	---	PASS
		30~1000	1.60	-51.28	≤-18.4	PASS
		1000~26500	1.60	-38.47	≤-18.4	PASS
	2480	Reference	0.76	0.76	---	PASS
		30~1000	0.76	-52.37	≤-19.24	PASS
		1000~26500	0.76	-39.33	≤-19.24	PASS
BLE_2M	2402	Reference	0.74	0.74	---	PASS
		30~1000	0.74	-52.32	≤-19.26	PASS
		1000~26500	0.74	-38.7	≤-19.26	PASS
	2440	Reference	1.63	1.63	---	PASS
		30~1000	1.63	-52.12	≤-18.37	PASS
		1000~26500	1.63	-40.19	≤-18.37	PASS
	2480	Reference	0.19	0.19	---	PASS
		30~1000	0.19	-52.23	≤-19.81	PASS
		1000~26500	0.19	-42.08	≤-19.81	PASS

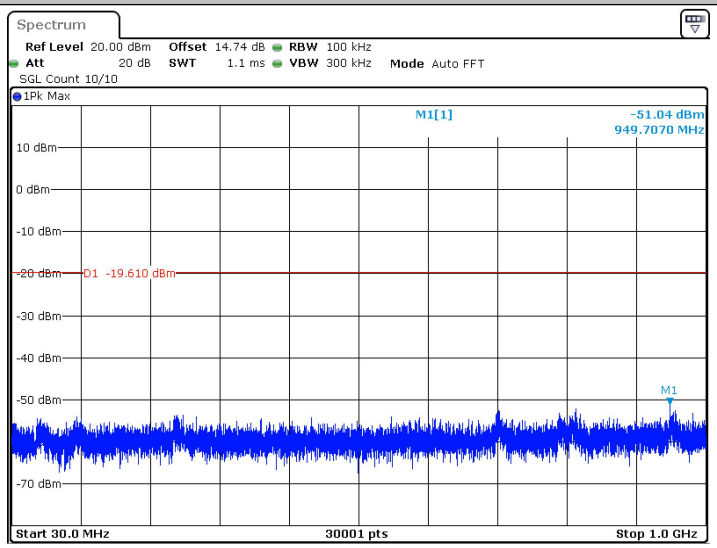
Test Graphs

BLE_1M_Ant1_2402_0~Reference



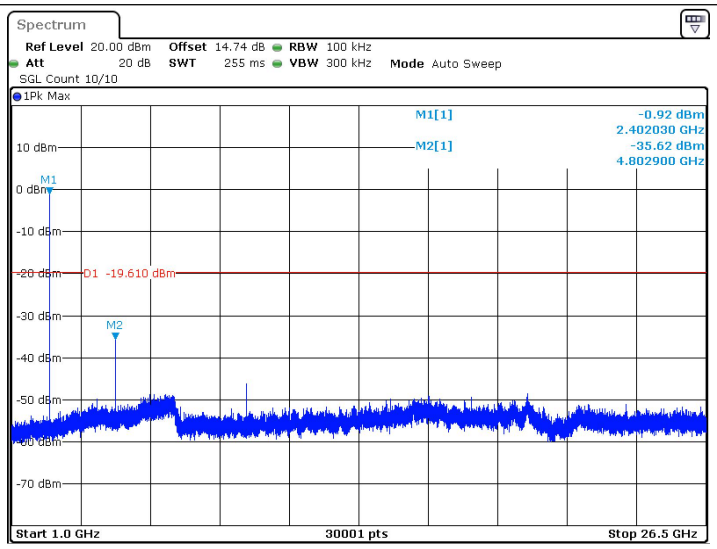
Date: 15.MAY.2026 17:38:32

BLE_1M_Ant1_2402_30~1000



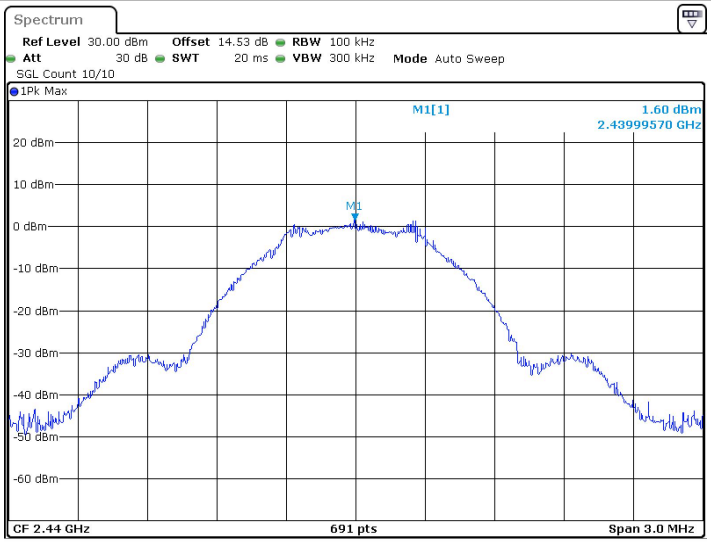
Date: 15.MAY.2026 17:38:36

BLE_1M_Ant1_2402_1000~26500



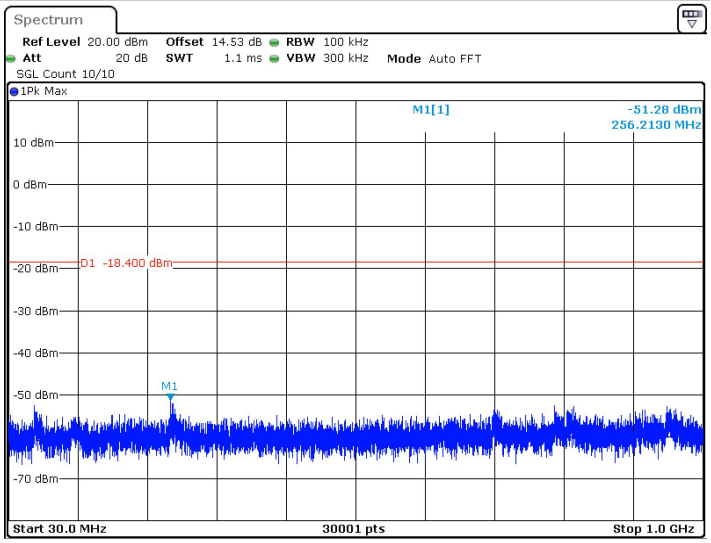
Date: 15.MAY.2026 17:38:47

BLE_1M_Ant1_2440_0~Reference



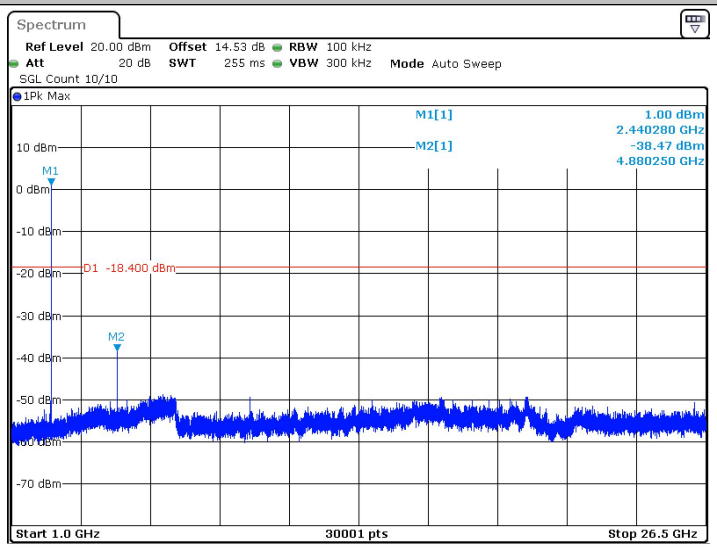
Date: 15.MAY.2026 17:45:28

BLE_1M_Ant1_2440_30~1000



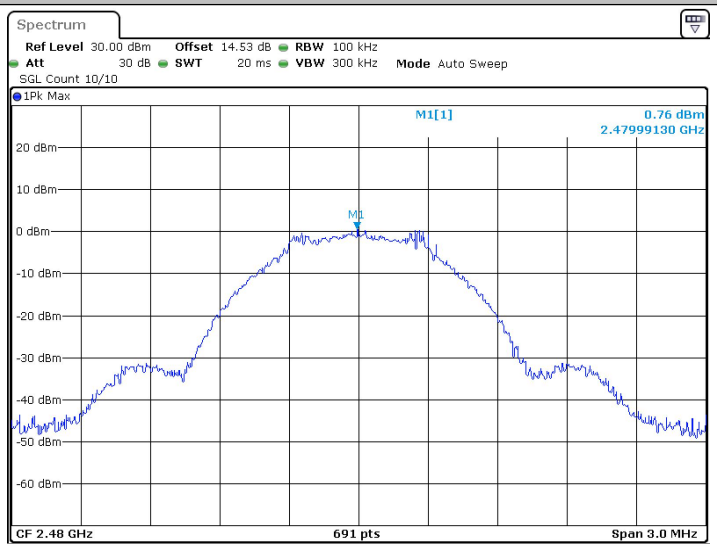
Date: 15.MAY.2026 17:45:32

BLE_1M_Ant1_2440_1000~26500



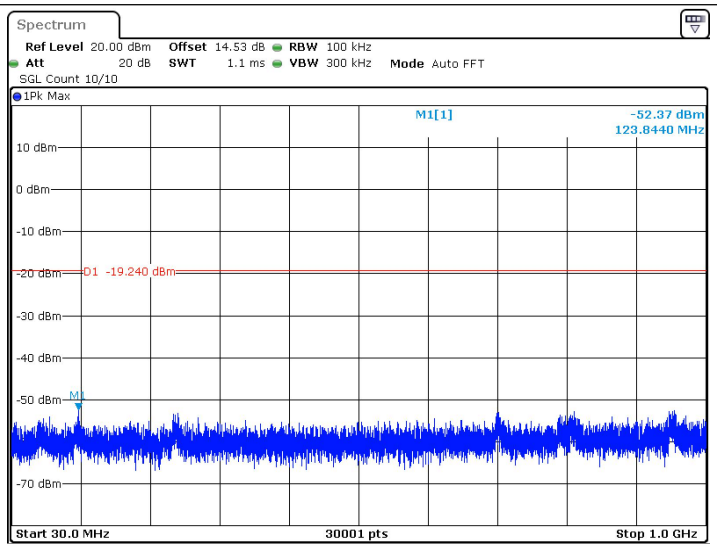
Date: 15.MAY.2026 17:45:42

BLE_1M_Ant1_2480_0~Reference



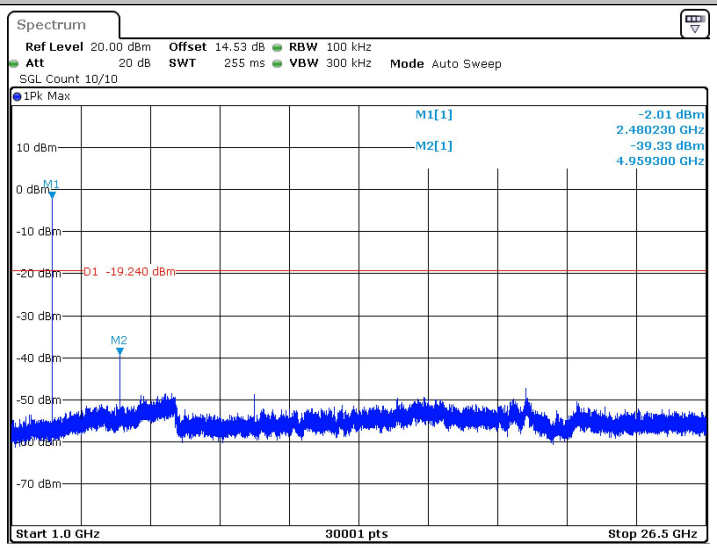
Date: 15.MAY.2026 17:49:36

BLE_1M_Ant1_2480_30~1000



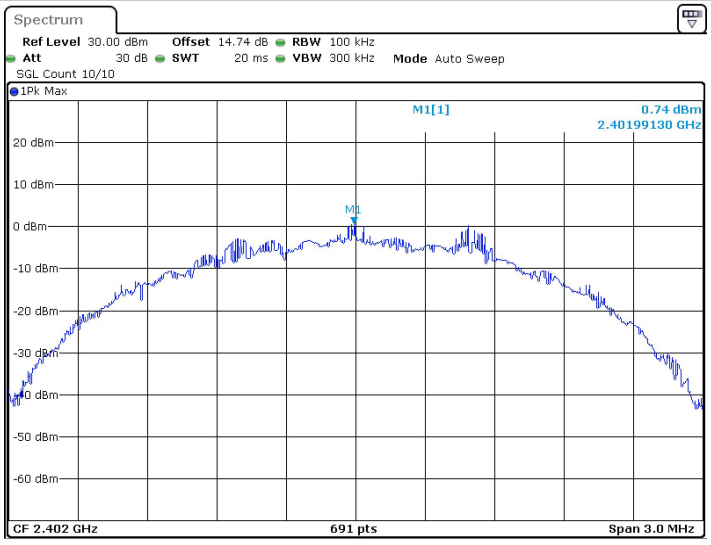
Date: 15.MAY.2026 17:49:41

BLE_1M_Ant1_2480_1000~26500



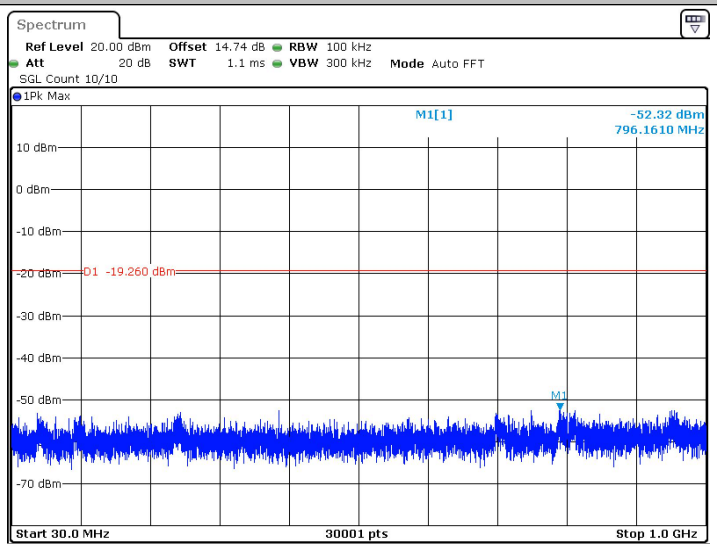
Date: 15.MAY.2026 17:49:51

BLE_2M_Ant1_2402_0~Reference



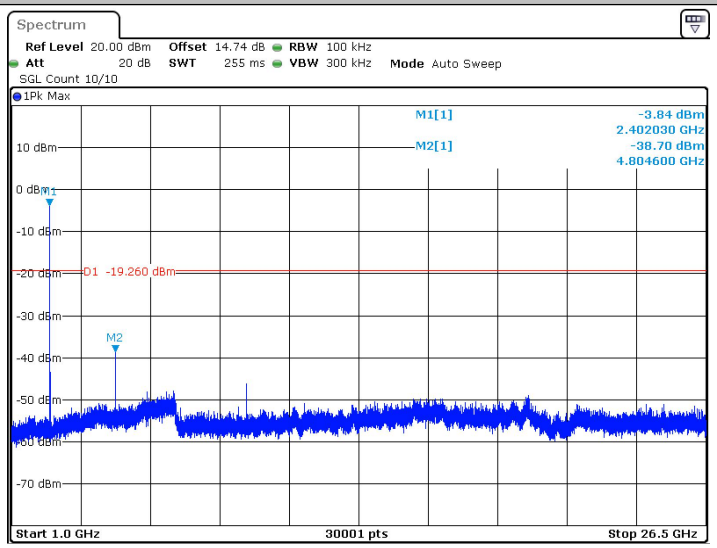
Date: 15.MAY.2026 17:54:36

BLE_2M_Ant1_2402_30~1000



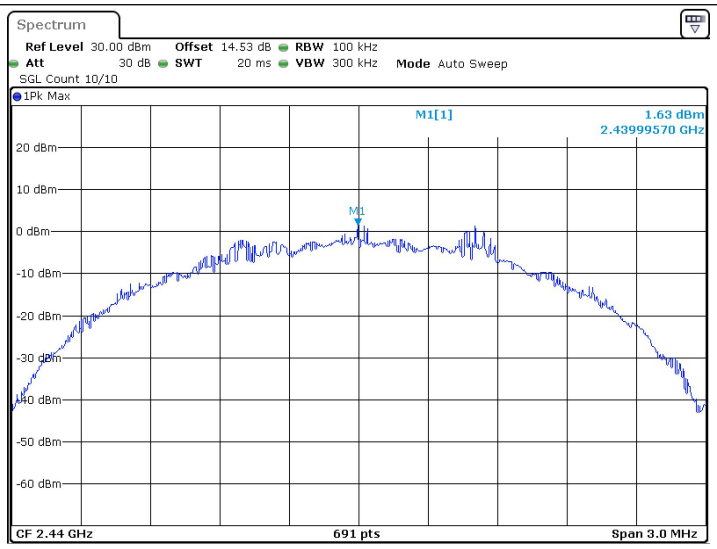
Date: 15.MAY.2026 17:54:41

BLE_2M_Ant1_2402_1000~26500



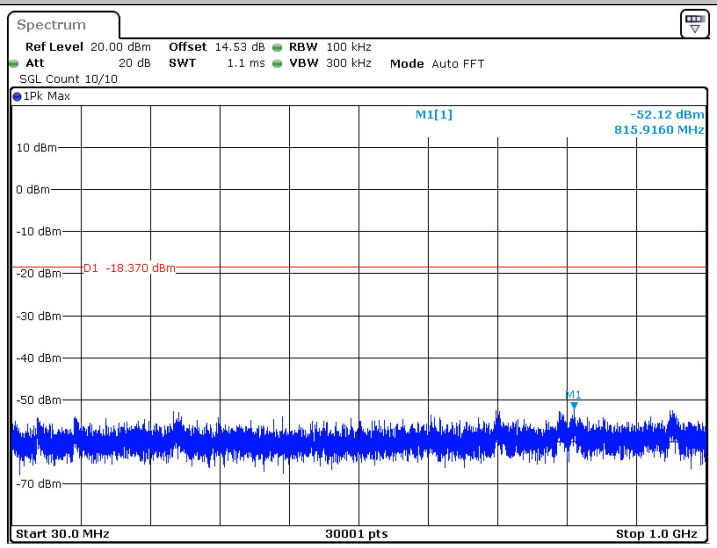
Date: 15.MAY.2026 17:54:51

BLE_2M_Ant1_2440_0~Reference



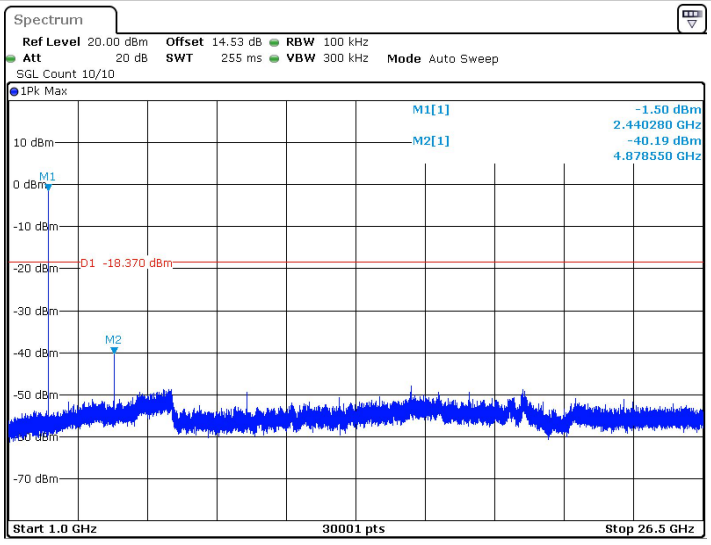
Date: 15.MAY.2026 17:57:10

BLE_2M_Ant1_2440_30~1000



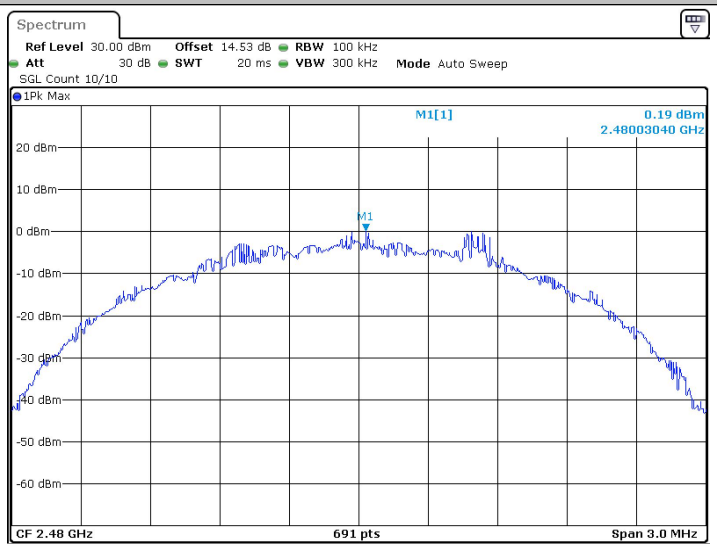
Date: 15.MAY.2026 17:57:14

BLE_2M_Ant1_2440_1000~26500



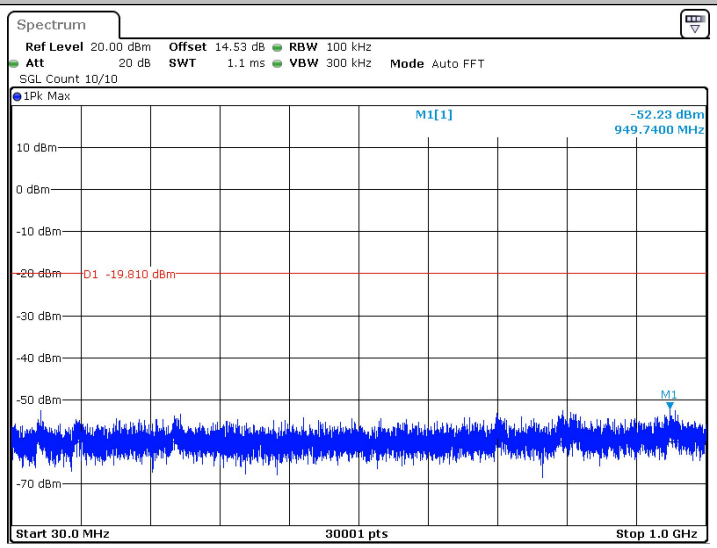
Date: 15.MAY.2026 17:57:25

BLE_2M_Ant1_2480_0~Reference



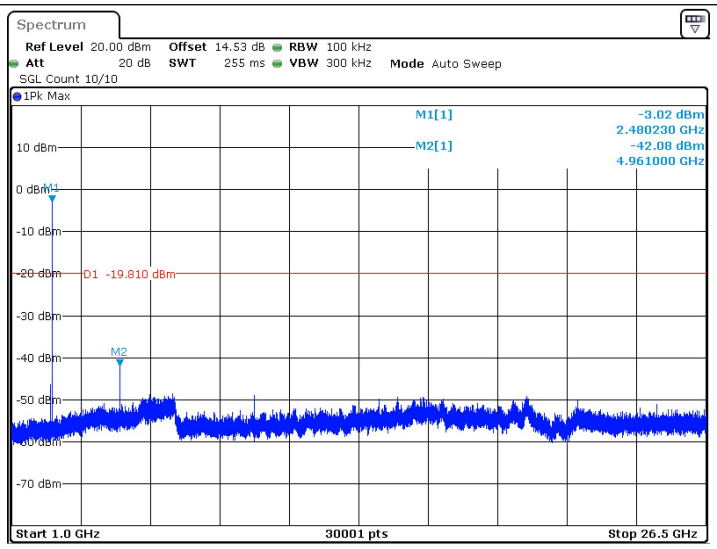
Date: 15.MAY.2026 18:01:07

BLE_2M_Ant1_2480_30~1000



Date: 15.MAY.2026 18:01:11

BLE_2M_Ant1_2480_1000~26500


Spectrum
Ref Level 20.00 dBm Offset 14.53 dB RBW 100 kHz
Att 20 dB SWT 255 ms VBW 300 kHz Mode Auto Sweep
SGL Count 10/10
1Pk Max
M1[1] -3.02 dBm
2.480230 GHz
M2[1] -42.08 dBm
4.961000 GHz
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
D1 -19.810 dBm
M1
M2
Start 1.0 GHz
30001 pts
Stop 26.5 GHz
Date: 15.MAY.2026 18:01:22

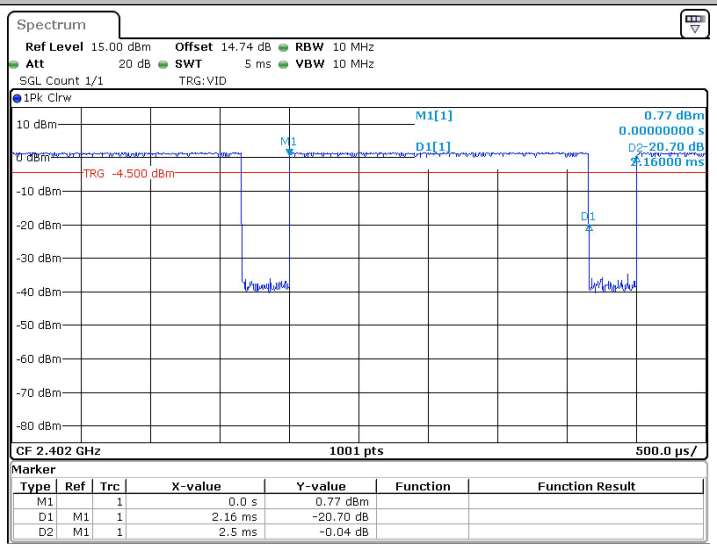
Appendix H: Duty Cycle

Test Result

TestMode	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	2402	2.16	2.50	0.8640	86.40	0.63	---	---
	2440	2.16	2.50	0.8640	86.40	0.63	---	---
	2480	2.16	2.50	0.8640	86.40	0.63	---	---
BLE_2M	2402	1.11	1.88	0.5904	59.04	2.29	---	---
	2440	1.11	1.88	0.5904	59.04	2.29	---	---
	2480	1.11	1.88	0.5904	59.04	2.29	---	---

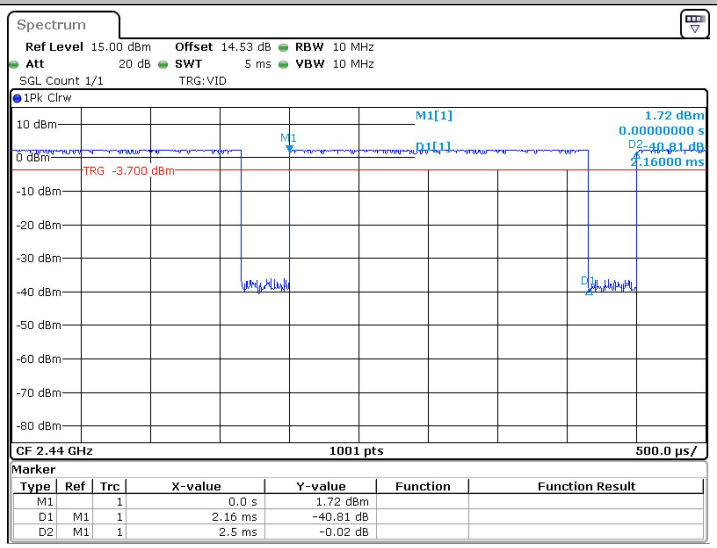
Test Graphs

BLE_1M_Ant1_2402



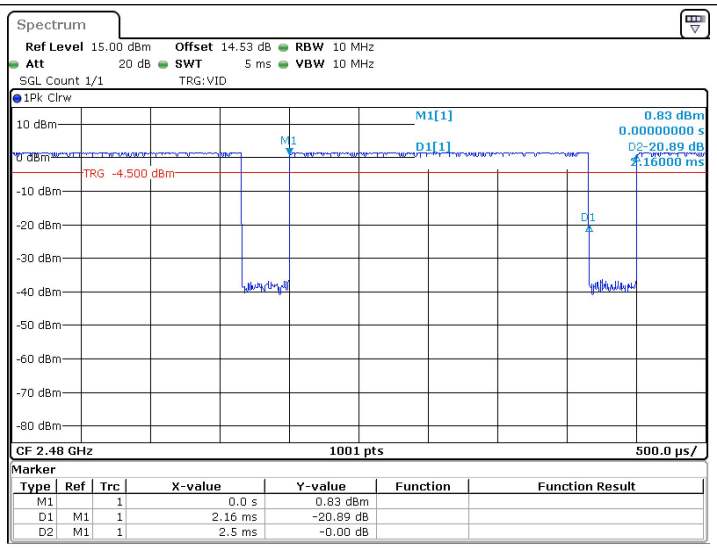
Date: 15.MAY.2026 18:03:53

BLE_1M_Ant1_2440



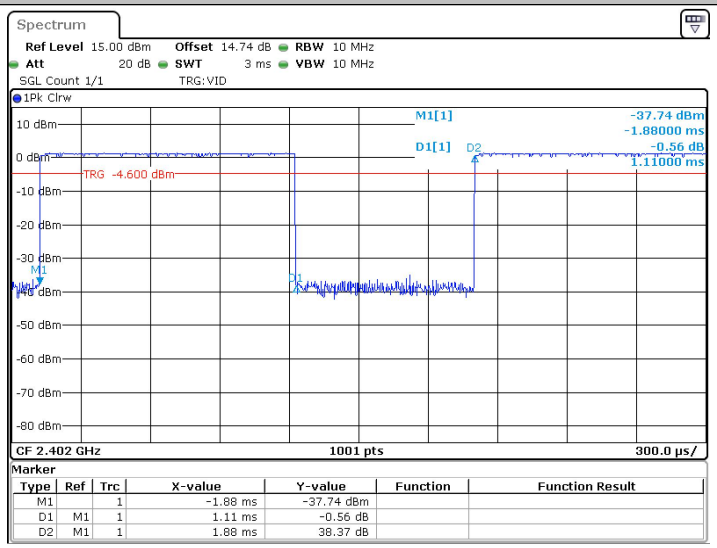
Date: 15.MAY.2026 18:06:28

BLE_1M_Ant1_2480



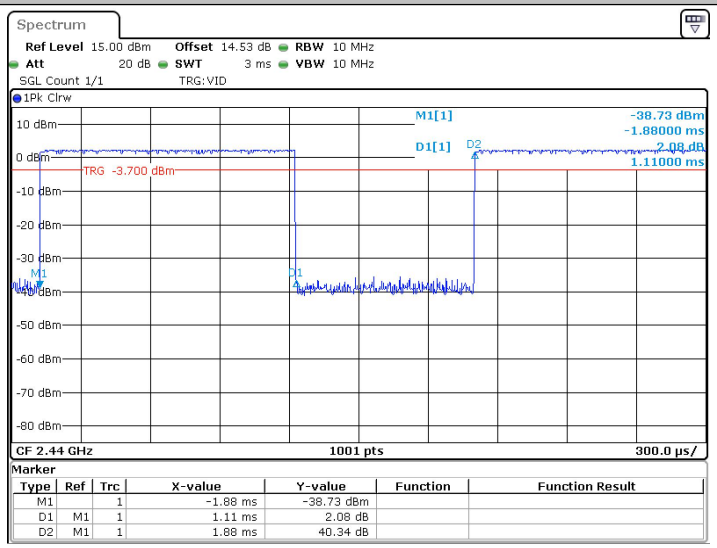
Date: 15.MAY.2026 18:09:31

BLE_2M_Ant1_2402



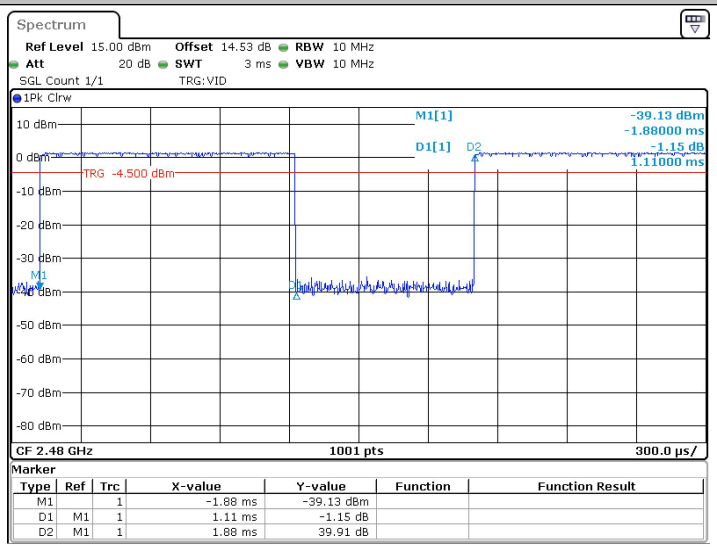
Date: 15.MAY.2026 18:10:47

BLE_2M_Ant1_2440



Date: 15.MAY.2026 18:12:49

BLE_2M_Ant1_2480



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	-1.88 ms	-39.13 dBm		
D1	M1	1	1.11 ms	-1.15 dB		
D2	M1	1	1.88 ms	39.91 dB		

Date: 15.MAY.2026 18:13:13