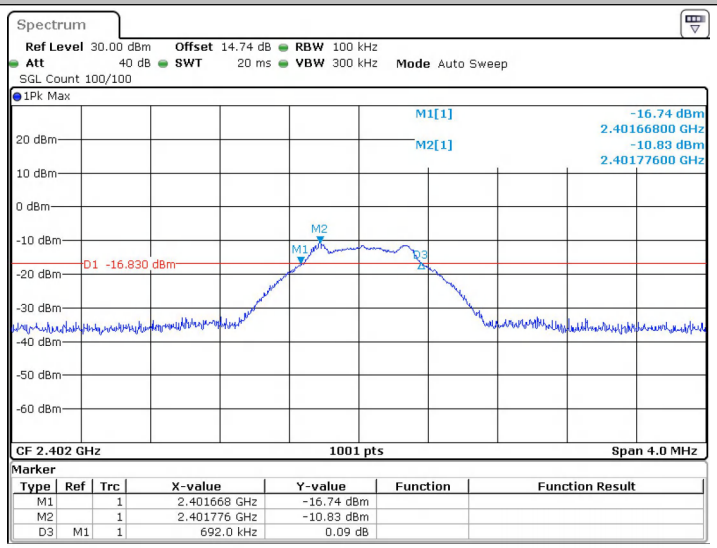
Appendix A: DTS Bandwidth

Test Result

TestMode	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	2402	0.69	2401.67	2402.36	0.5	PASS
	2440	0.67	2439.69	2440.36	0.5	PASS
	2480	0.67	2479.69	2480.36	0.5	PASS
BLE_2M	2402	1.14	2401.45	2402.58	0.5	PASS
	2440	1.14	2439.44	2440.59	0.5	PASS
	2480	1.14	2479.45	2480.58	0.5	PASS

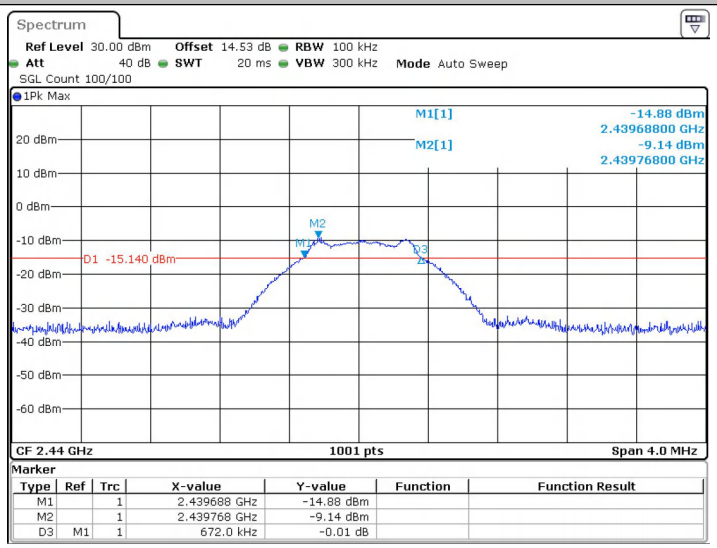
Test Graphs

BLE_1M_Ant1_2402



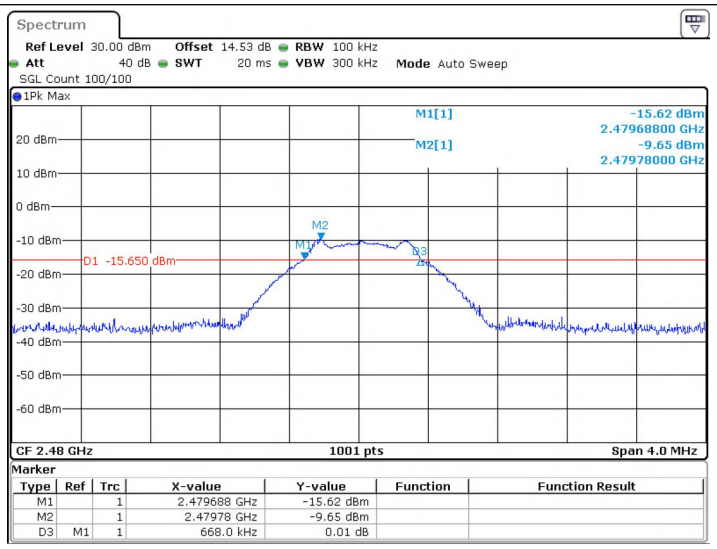
Date: 7.JUL.2026 19:57:21

BLE_1M_Ant1_2440



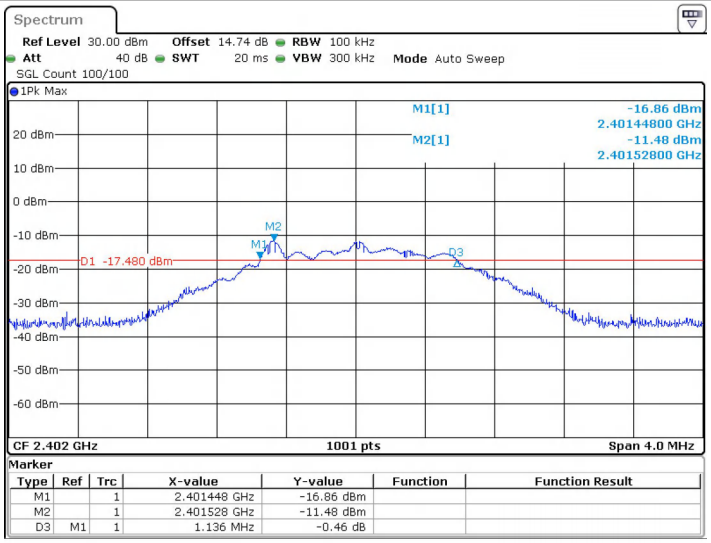
Date: 7.JUL.2026 19:58:42

BLE_1M_Ant1_2480



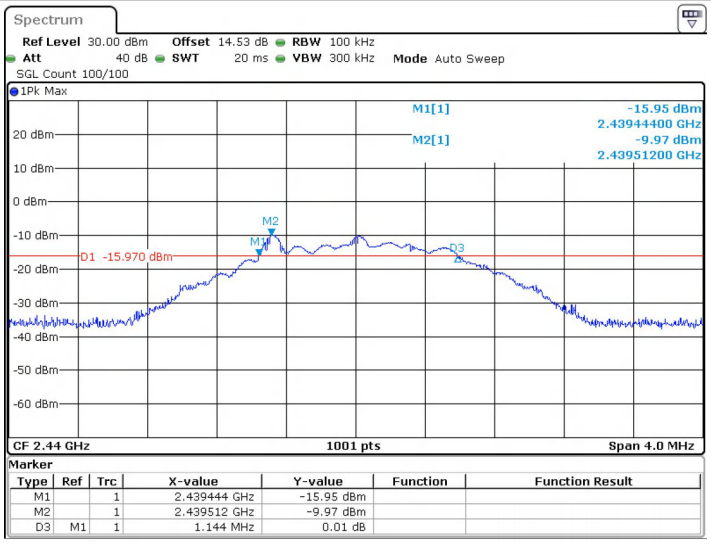
Date: 7.JUL.2026 19:59:33

BLE_2M_Ant1_2402



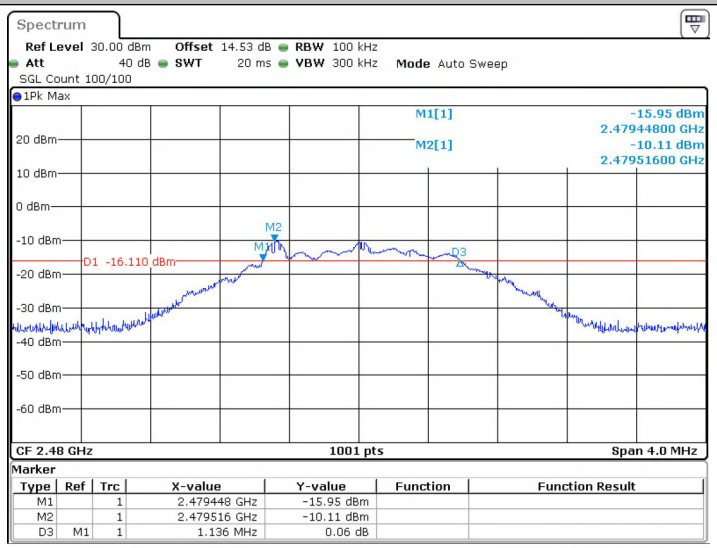
Date: 7.JUL.2026 20:01:04

BLE_2M_Ant1_2440



Date: 7.JUL.2026 20:02:16

BLE_2M_Ant1_2480



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.479448 GHz	-15.95 dBm		
M2		1	2.479516 GHz	-10.11 dBm		
D3	M1	1	1.136 MHz	0.06 dB		

Date: 7.JUL.2026 20:03:24

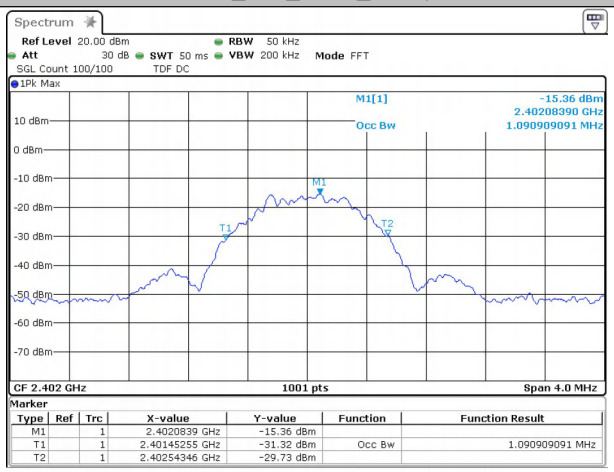
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.09	2401.45	2402.54	---	---
		2440	1.06	2439.48	2440.54	---	---
		2480	1.06	2479.48	2480.54	---	---
BLE_2M	Ant1	2402	1.99	2401.02	2403.01	---	---
		2440	1.99	2439.01	2441.01	---	---
		2480	1.97	2479.03	2481.00	---	---

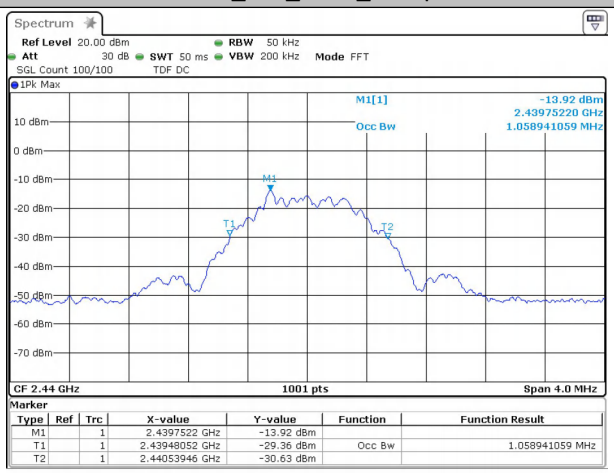
Test Graphs

NTNV_BLE_2402_1Mbps



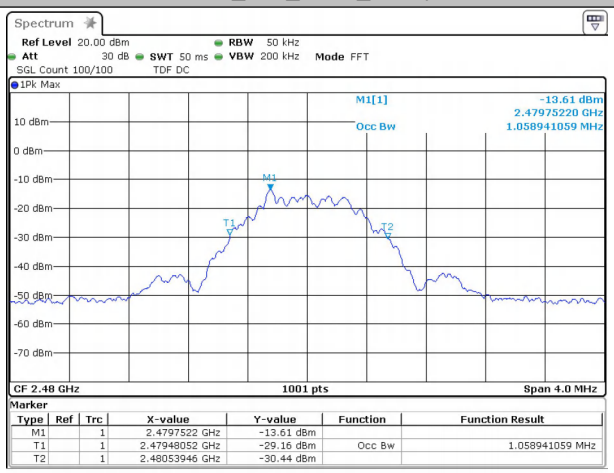
Date: 26.AUG.2026 16:49:17

NTNV_BLE_2440_1Mbps



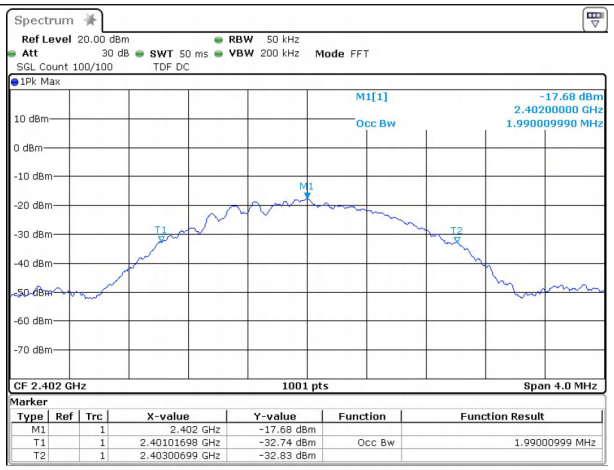
Date: 26.AUG.2026 16:49:45

NTNV_BLE_2480_1Mbps



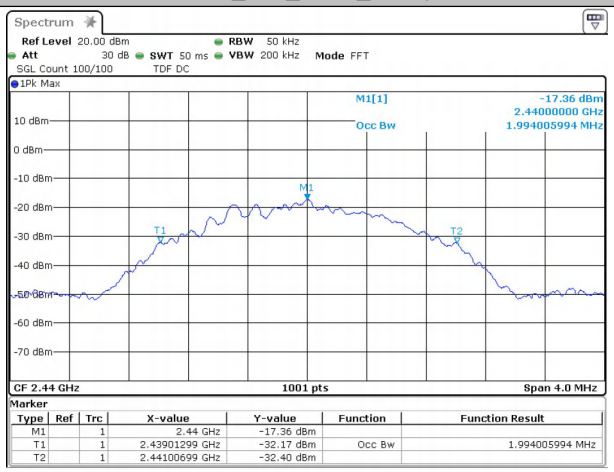
Date: 26.AUG.2026 16:50:05

NTNV_BLE_2402_2Mbps



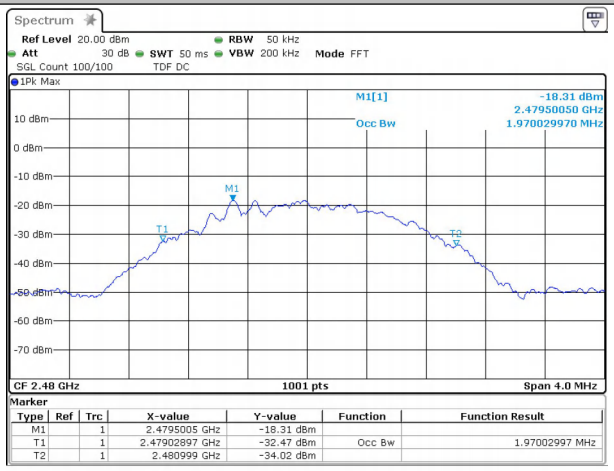
Date: 26.AUG.2026 16:50:31

NTNV_BLE_2440_2Mbps



Date: 26.AUG.2026 16:51:03

NTNV_BLE_2480_2Mbps



Date: 26.AUG.2026 16:51:29

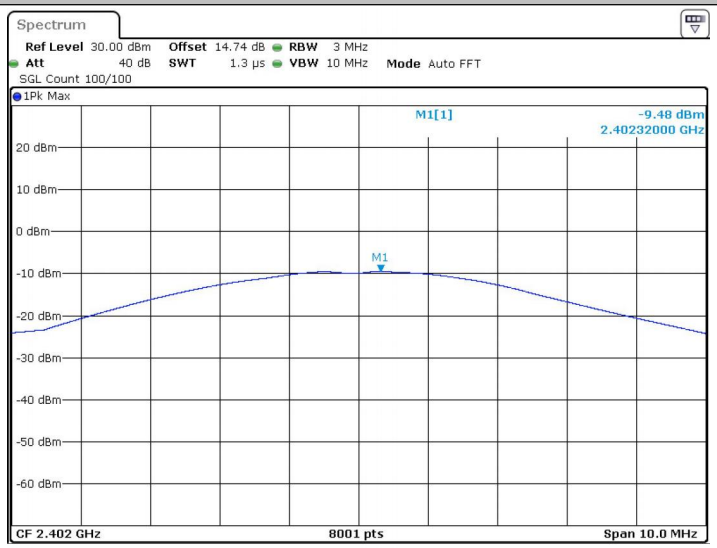
Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Freq(MHz)	Conducted Peak Powert[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	2402	-9.48	≤30	PASS
	2440	-7.92	≤30	PASS
	2480	-8.10	≤30	PASS
BLE_2M	2402	-9.55	≤30	PASS
	2440	-7.91	≤30	PASS
	2480	-8.30	≤30	PASS

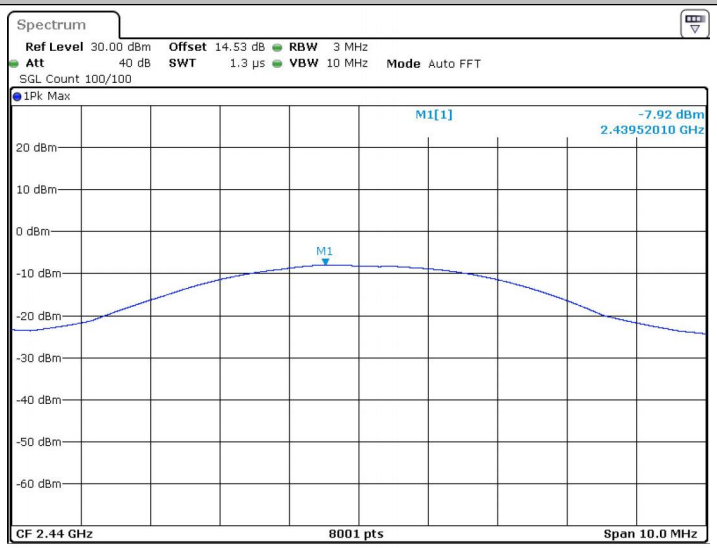
Test Graphs Peak

BLE_1M_Ant1_2402



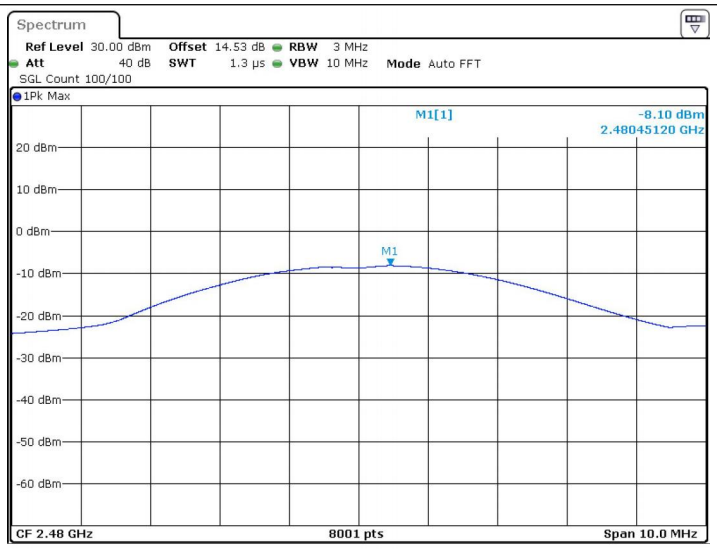
Date: 7.JUL.2026 19:57:32

BLE_1M_Ant1_2440



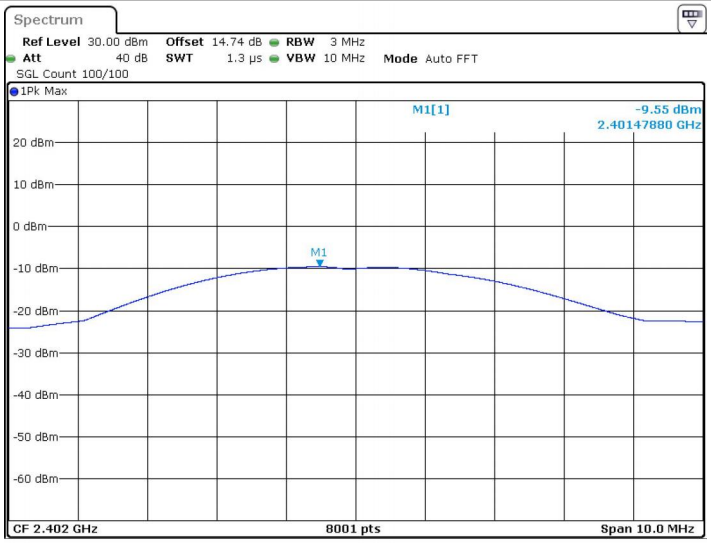
Date: 7.JUL.2026 19:58:53

BLE_1M_Ant1_2480



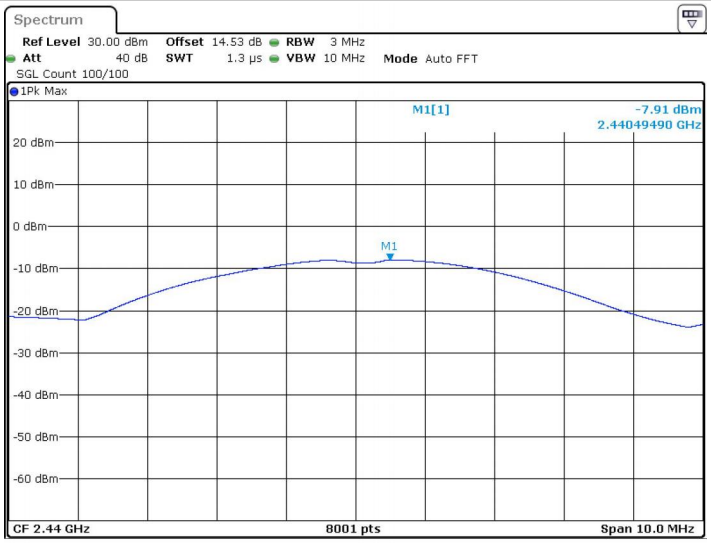
Date: 7.JUL.2026 19:59:43

BLE_2M_Ant1_2402



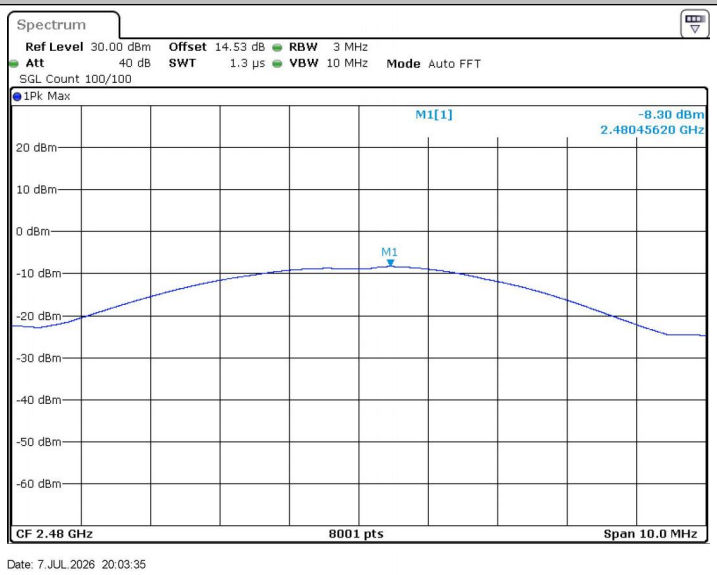
Date: 7.JUL.2026 20:01:15

BLE_2M_Ant1_2440



Date: 7.JUL.2026 20:02:27

BLE_2M_Ant1_2480



Date: 7.JUL.2026 20:03:35

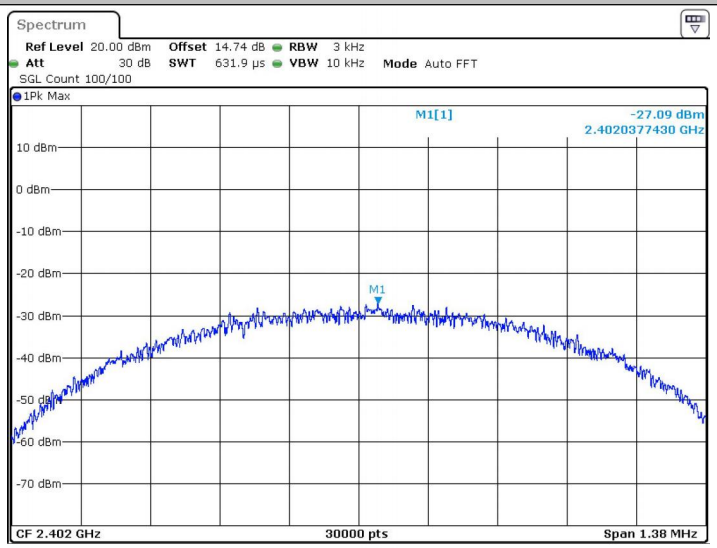
Appendix D: Maximum power spectral density

Test Result

TestMode	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	2402	-27.09	≤8.00	PASS
	2440	-25.26	≤8.00	PASS
	2480	-25.49	≤8.00	PASS
BLE_2M	2402	-29.93	≤8.00	PASS
	2440	-28.28	≤8.00	PASS
	2480	-28.58	≤8.00	PASS

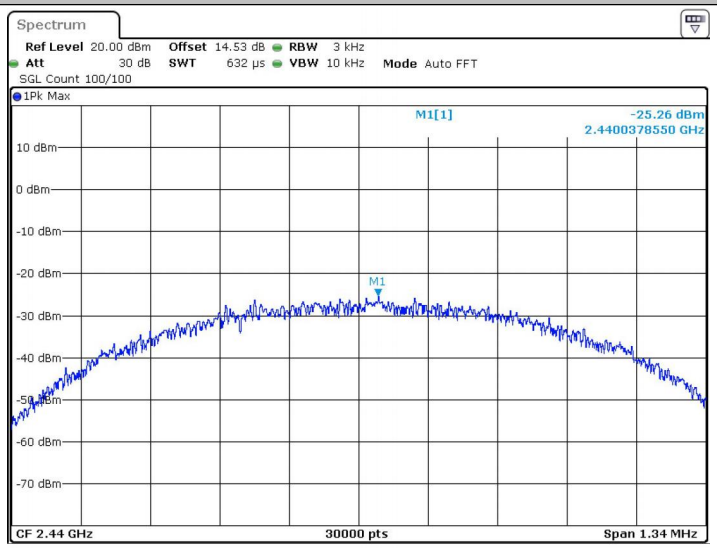
Test Graphs

BLE_1M_Ant1_2402



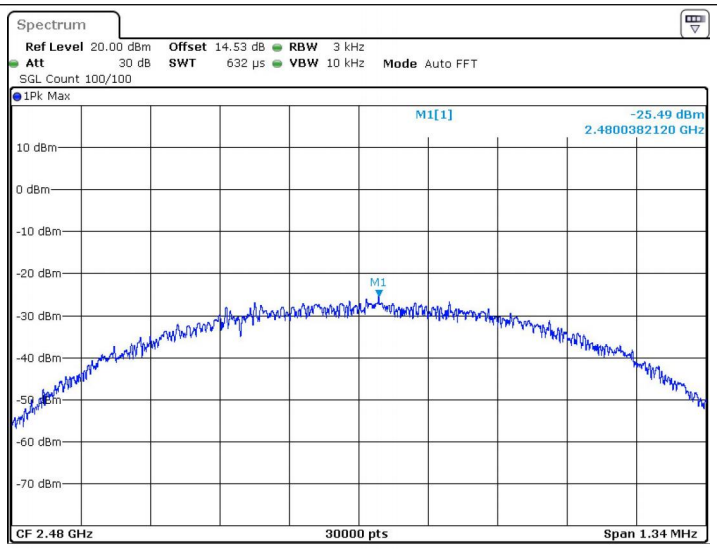
Date: 7.JUL.2026 19:57:38

BLE_1M_Ant1_2440



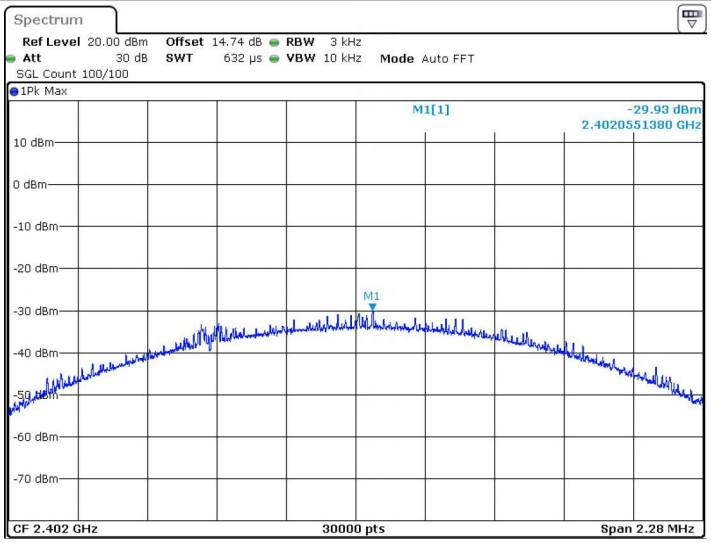
Date: 7.JUL.2026 19:58:58

BLE_1M_Ant1_2480



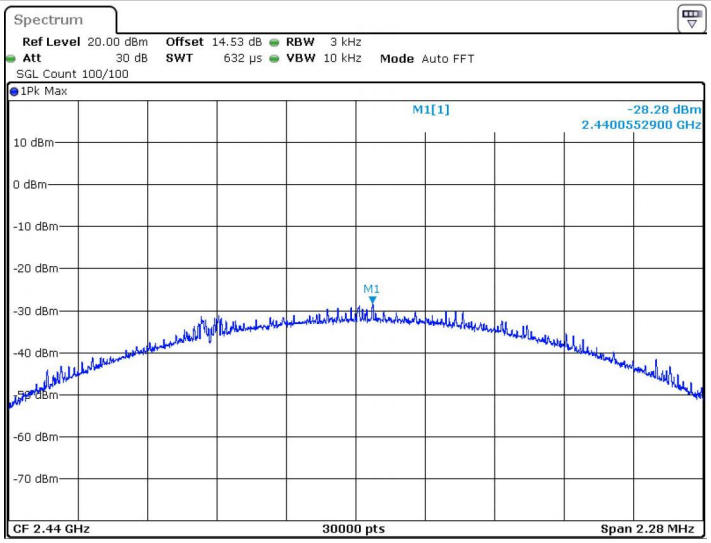
Date: 7.JUL.2026 19:59:49

BLE_2M_Ant1_2402



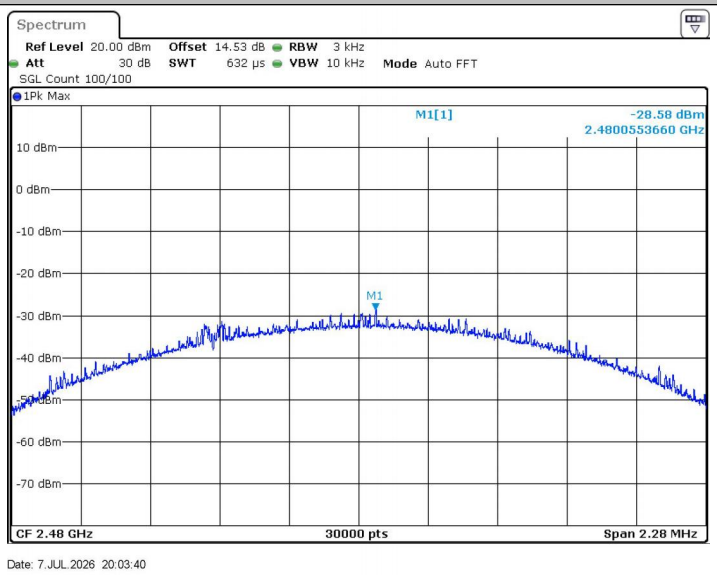
Date: 7.JUL.2026 20:01:20

BLE_2M_Ant1_2440



Date: 7.JUL.2026 20:02:32

BLE_2M_Ant1_2480



Date: 7.JUL.2026 20:03:40

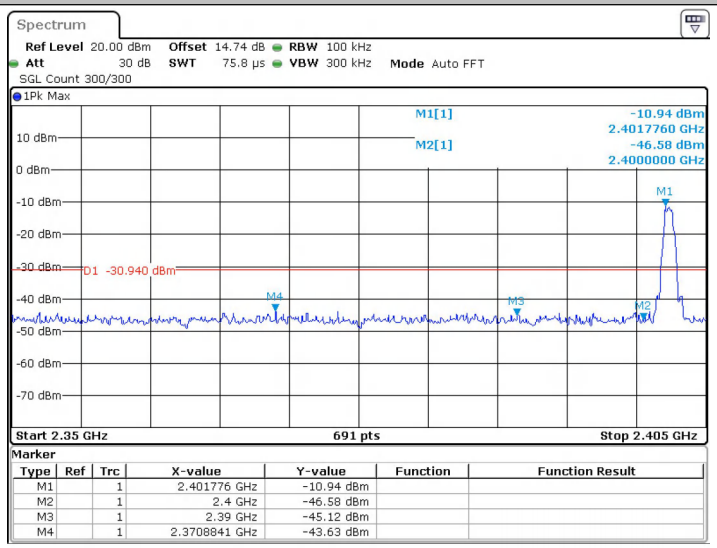
Appendix F: Band edge measurements

Test Result

TestMode	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Low	2402	-10.94	-43.63	≤-30.94	PASS
	High	2480	-10.28	-42.61	≤-30.28	PASS
BLE_2M	Low	2402	-11.76	-44.43	≤-31.76	PASS
	High	2480	-10.50	-42.29	≤-30.5	PASS

Test Graphs

BLE_1M_Ant1_Low_2402

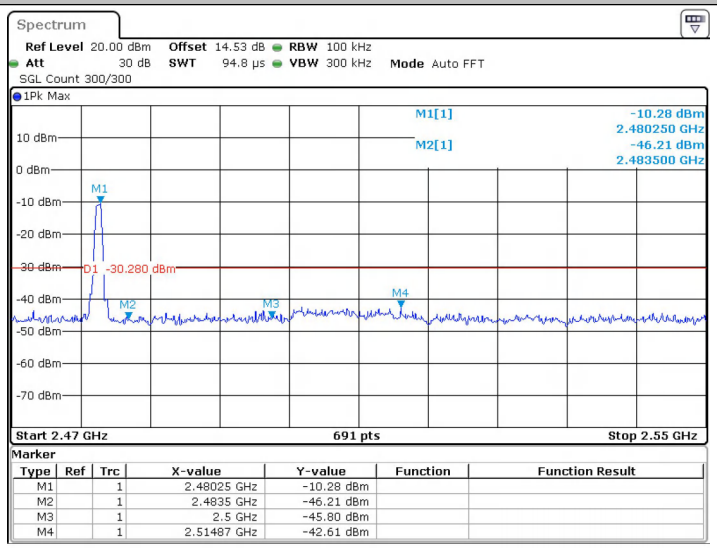


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.401776 GHz	-10.94 dBm		
M2		1	2.4 GHz	-46.58 dBm		
M3		1	2.39 GHz	-45.12 dBm		
M4		1	2.3708841 GHz	-43.63 dBm		

Date: 7.JUL.2026 19:57:44

BLE_1M_Ant1_High_2480

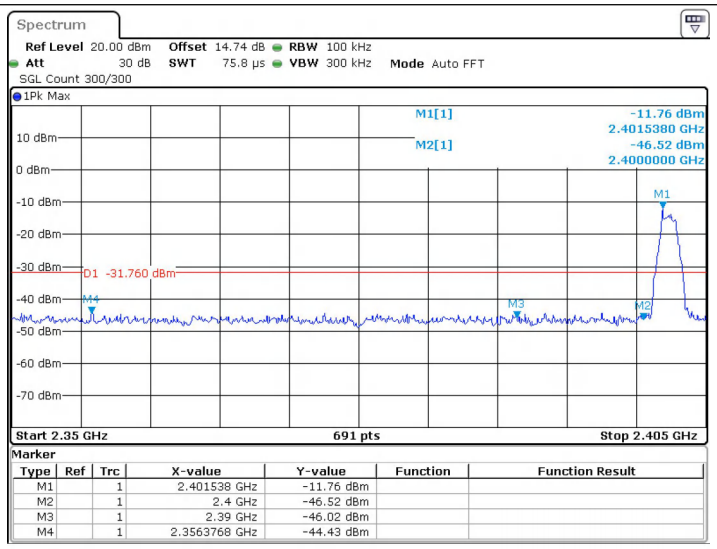


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.48025 GHz	-10.28 dBm		
M2		1	2.4835 GHz	-46.21 dBm		
M3		1	2.5 GHz	-45.80 dBm		
M4		1	2.51487 GHz	-42.61 dBm		

Date: 7.JUL.2026 19:59:55

BLE_2M_Ant1_Low_2402

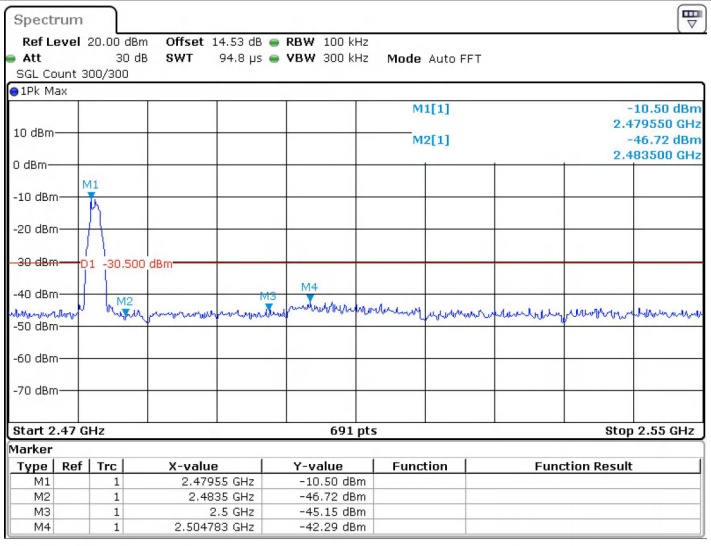


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.401538 GHz	-11.76 dBm		
M2		1	2.4 GHz	-46.52 dBm		
M3		1	2.39 GHz	-46.02 dBm		
M4		1	2.3563768 GHz	-44.43 dBm		

Date: 7.JUL.2026 20:01:26

BLE_2M_Ant1_High_2480



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47955 GHz	-10.50 dBm		
M2		1	2.4835 GHz	-46.72 dBm		
M3		1	2.5 GHz	-45.15 dBm		
M4		1	2.504783 GHz	-42.29 dBm		

Date: 7.JUL.2026 20:03:47

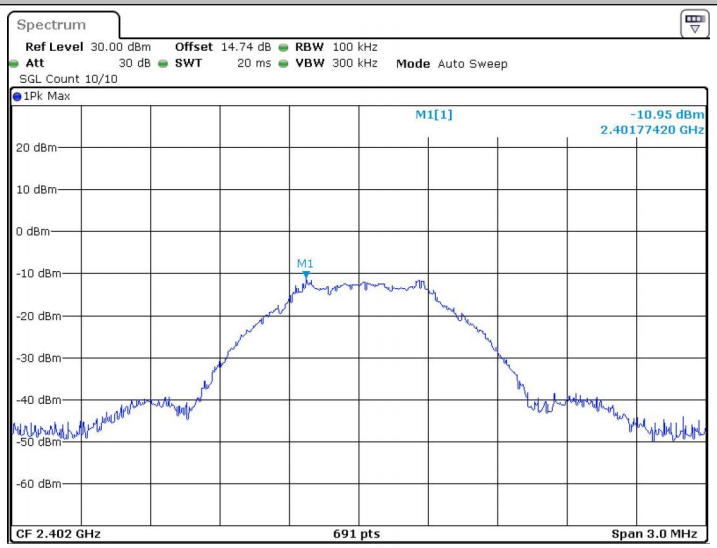
Appendix G: Conducted Spurious Emission

Test Result

TestMode	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	2402	Reference	-10.95	-10.95	---	PASS
		30~1000	-10.95	-49.6	≤-30.95	PASS
		1000~26500	-10.95	-47.77	≤-30.95	PASS
	2440	Reference	-9.85	-9.85	---	PASS
		30~1000	-9.85	-52.26	≤-29.85	PASS
		1000~26500	-9.85	-48.82	≤-29.85	PASS
	2480	Reference	-9.81	-9.81	---	PASS
		30~1000	-9.81	-51.92	≤-29.81	PASS
		1000~26500	-9.81	-48.5	≤-29.81	PASS
BLE_2M	2402	Reference	-11.88	-11.88	---	PASS
		30~1000	-11.88	-52.28	≤-31.88	PASS
		1000~26500	-11.88	-48.54	≤-31.88	PASS
	2440	Reference	-10.04	-10.04	---	PASS
		30~1000	-10.04	-51.17	≤-30.04	PASS
		1000~26500	-10.04	-48.55	≤-30.04	PASS
	2480	Reference	-10.33	-10.33	---	PASS
		30~1000	-10.33	-51.77	≤-30.33	PASS
		1000~26500	-10.33	-48.92	≤-30.33	PASS

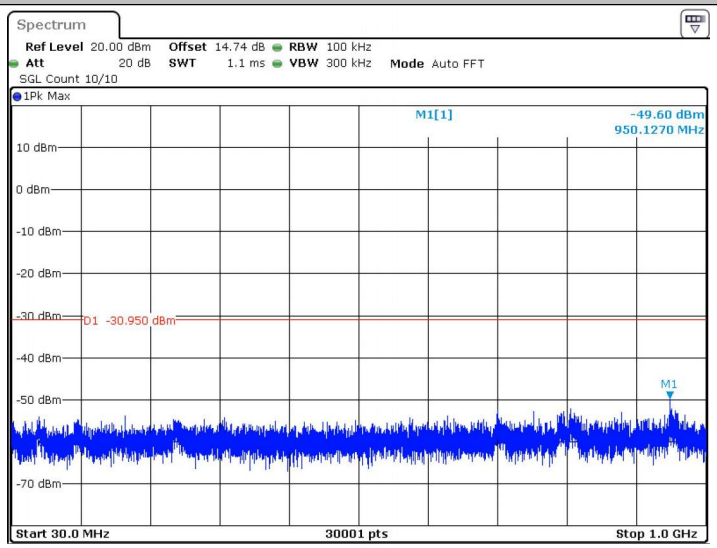
Test Graphs

BLE_1M_Ant1_2402_0~Reference



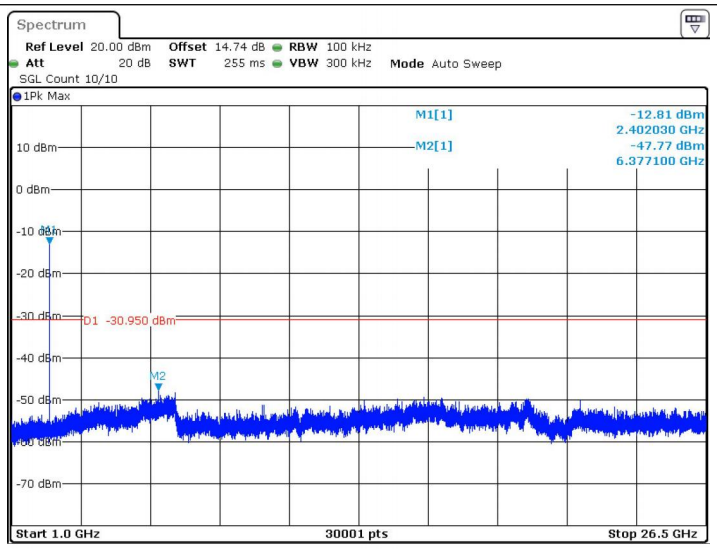
Date: 7.JUL.2026 19:58:03

BLE_1M_Ant1_2402_30~1000



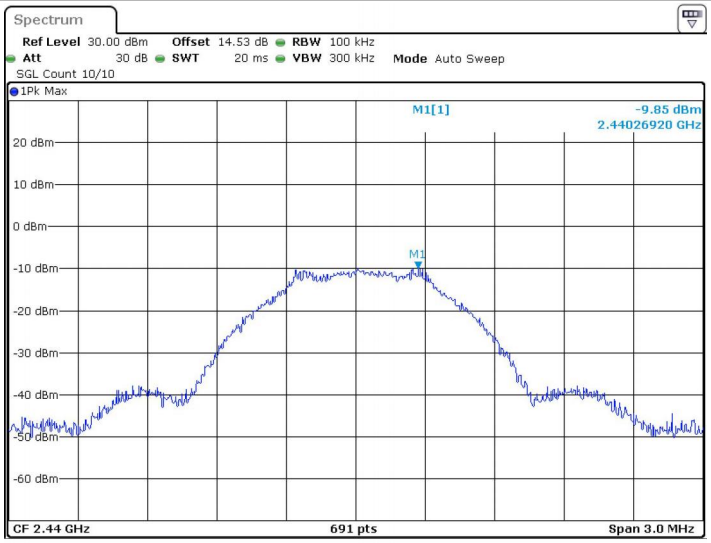
Date: 7.JUL.2026 19:58:08

BLE_1M_Ant1_2402_1000~26500



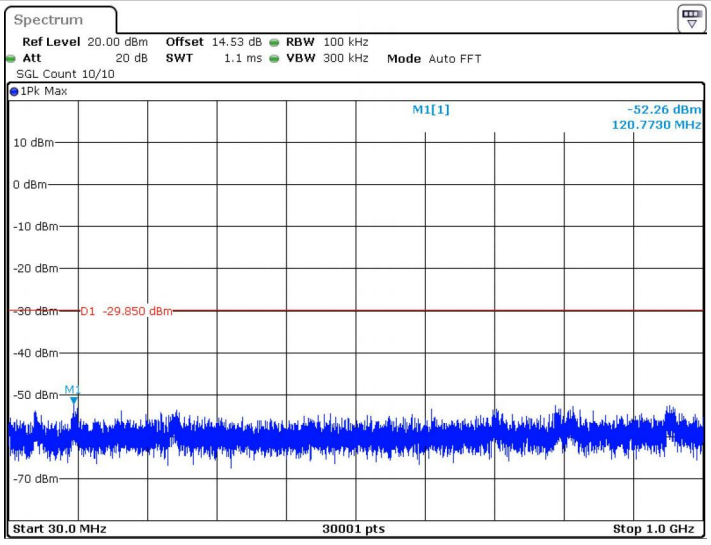
Date: 7.JUL.2026 19:58:18

BLE_1M_Ant1_2440_0~Reference



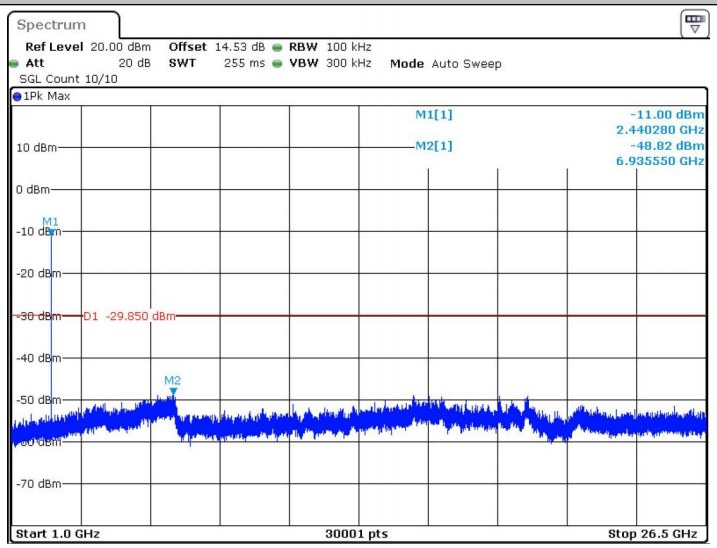
Date: 7.JUL.2026 19:59:02

BLE_1M_Ant1_2440_30~1000



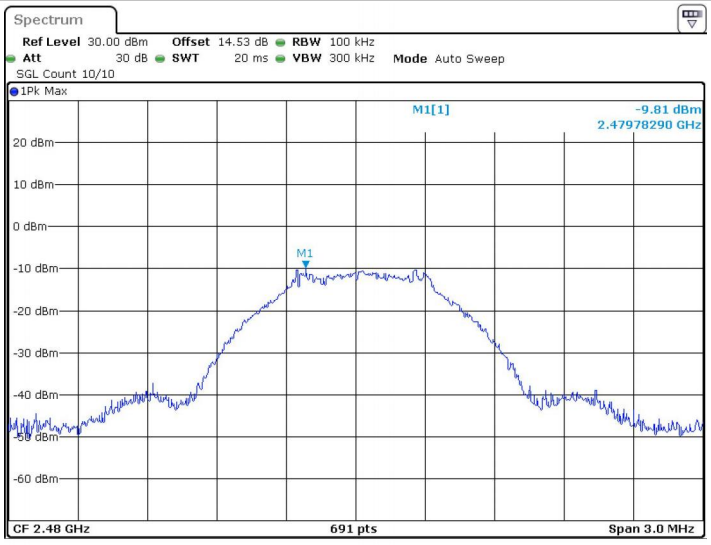
Date: 7.JUL.2026 19:59:06

BLE_1M_Ant1_2440_1000~26500



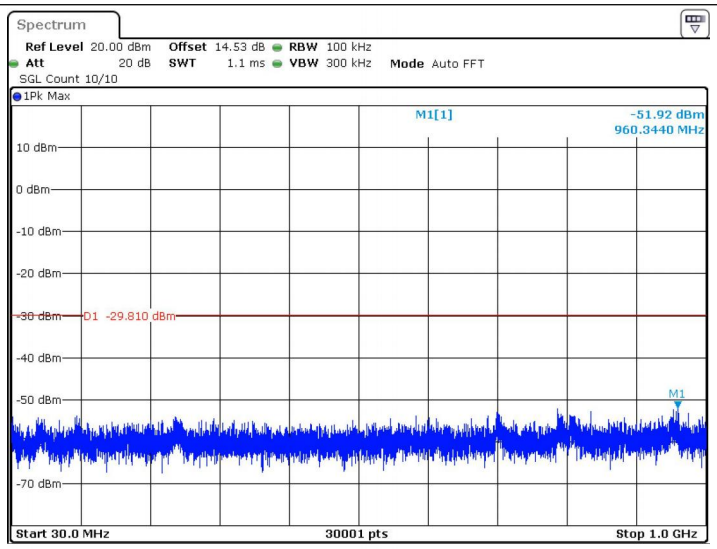
Date: 7.JUL.2026 19:59:17

BLE_1M_Ant1_2480_0~Reference



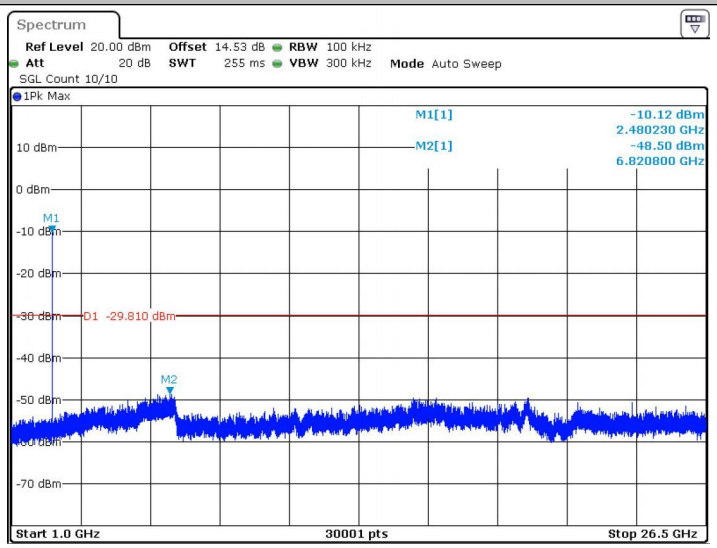
Date: 7.JUL.2026 20:00:13

BLE_1M_Ant1_2480_30~1000



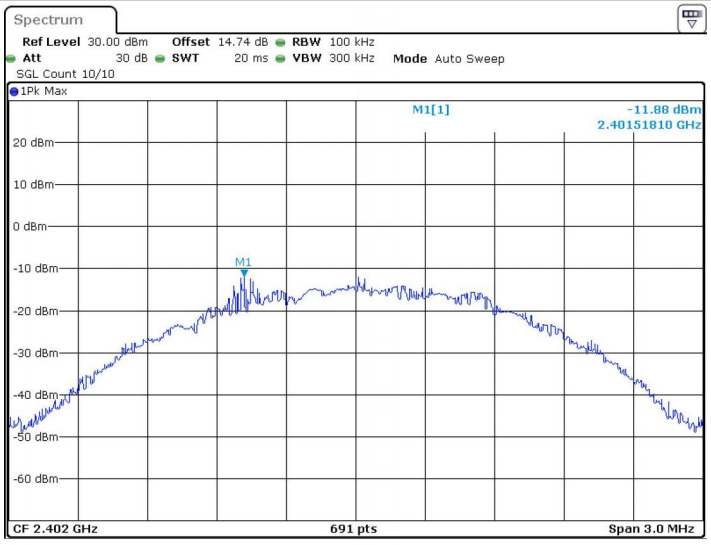
Date: 7.JUL.2026 20:00:18

BLE_1M_Ant1_2480_1000~26500



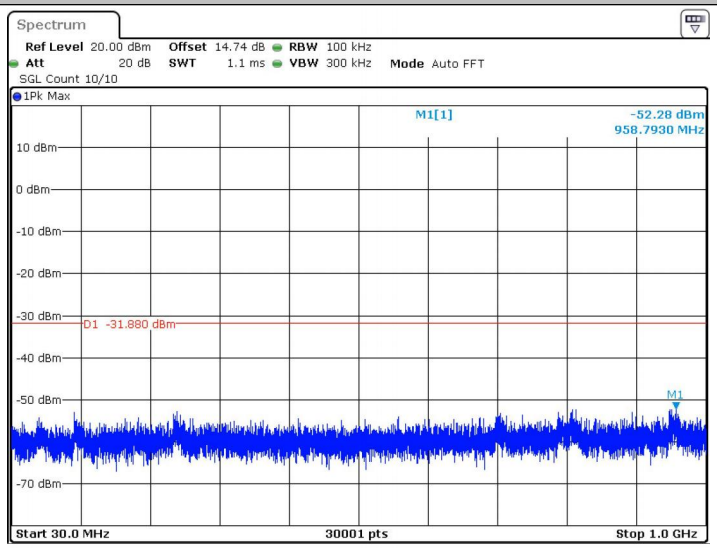
Date: 7.JUL.2026 20:00:28

BLE_2M_Ant1_2402_0~Reference



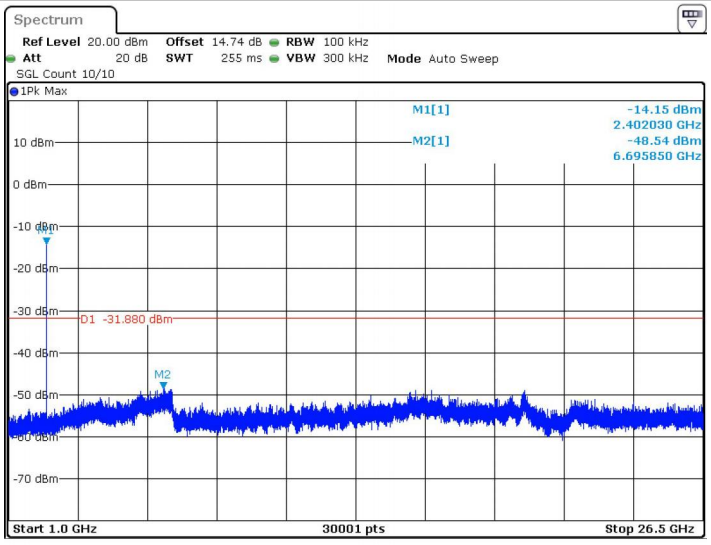
Date: 7.JUL.2026 20:01:45

BLE_2M_Ant1_2402_30~1000



Date: 7.JUL.2026 20:01:49

BLE_2M_Ant1_2402_1000~26500

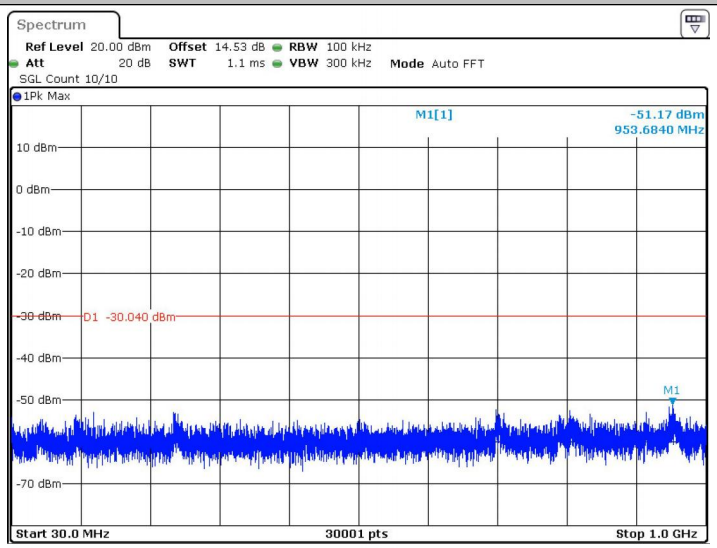


Date: 7.JUL.2026 20:02:00

BLE_2M_Ant1_2440_0~Reference

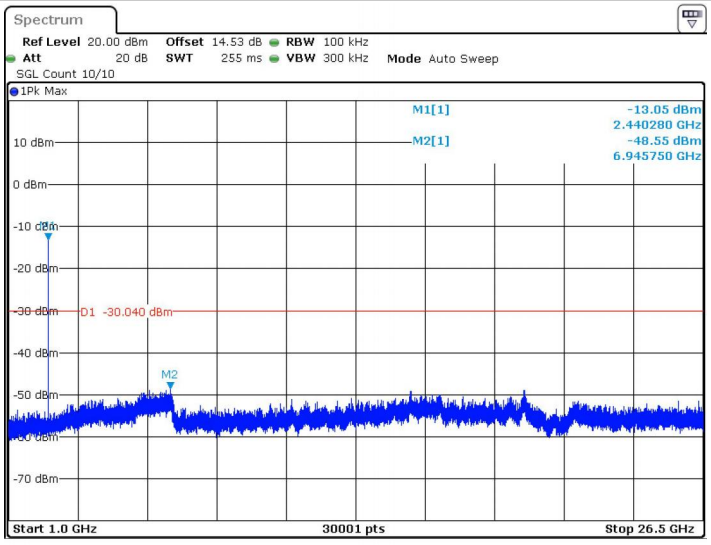
Date: 7.JUL.2026 20:02:36

BLE_2M_Ant1_2440_30~1000



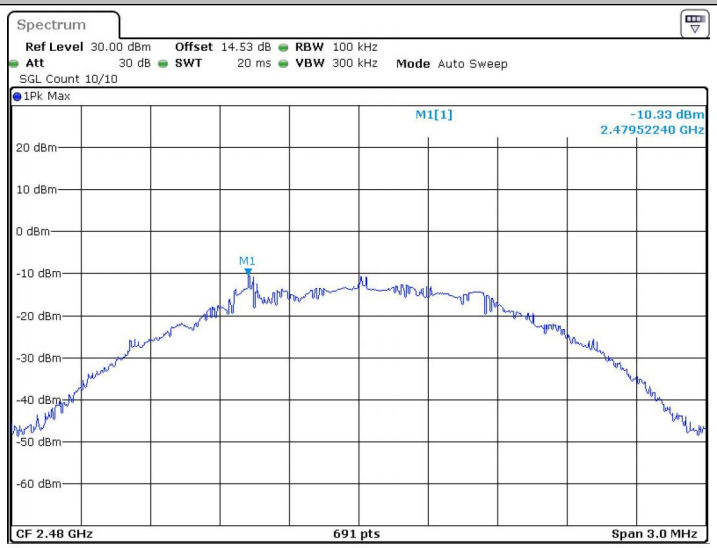
Date: 7.JUL.2026 20:02:40

BLE_2M_Ant1_2440_1000~26500



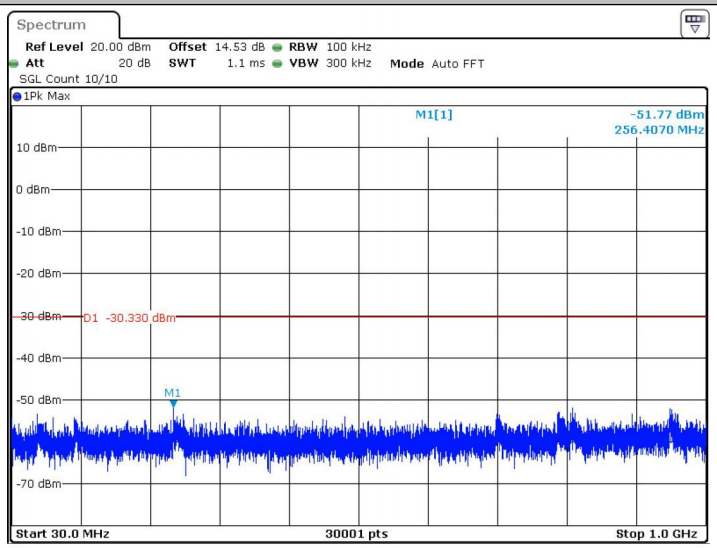
Date: 7.JUL.2026 20:02:51

BLE_2M_Ant1_2480_0~Reference



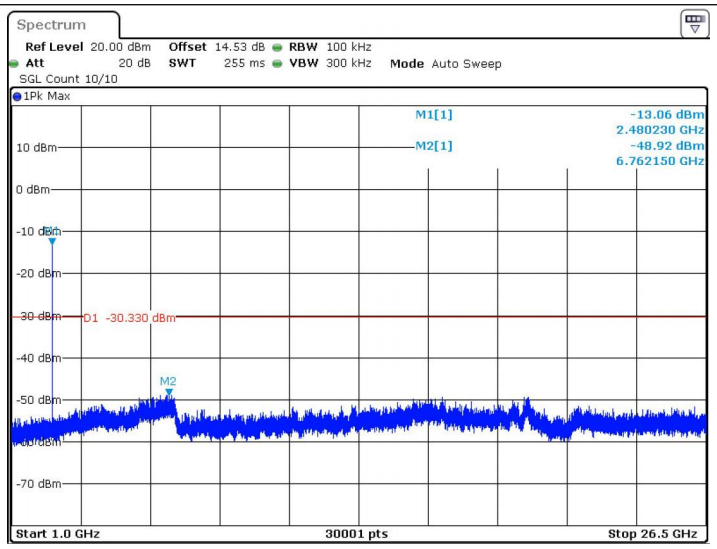
Date: 7.JUL.2026 20:04:04

BLE_2M_Ant1_2480_30~1000



Date: 7.JUL.2026 20:04:09

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] -13.06 dBm
2.480230 GHz
M2[1] -48.92 dBm
6.762150 GHz
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
D1 -30.330 dBm
-40 dBm
-50 dBm
-70 dBm
M2
Start 1.0 GHz
30001 pts
Stop 26.5 GHz
Date: 7.JUL.2026 20:04:19

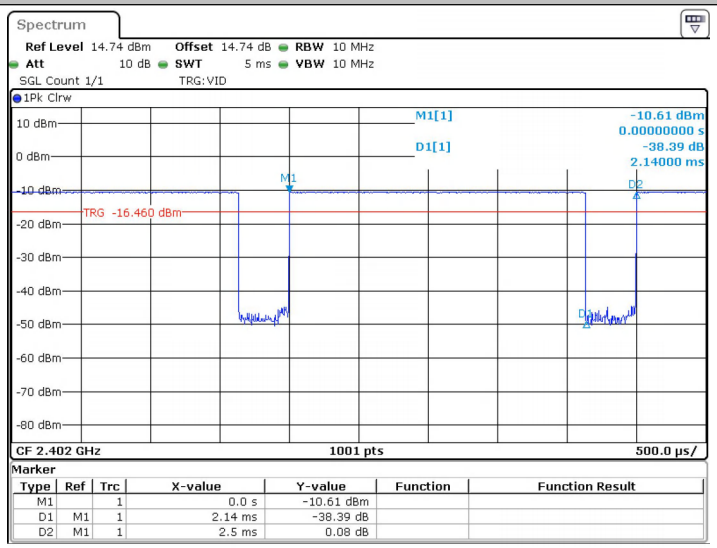
Appendix H: Duty Cycle

Test Result

TestMode	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	2402	2.14	2.50	0.8560	85.60	0.68	---	---
	2440	2.14	2.50	0.8560	85.60	0.68	---	---
	2480	2.14	2.50	0.8560	85.60	0.68	---	---
BLE_2M	2402	1.08	1.25	0.8640	86.40	0.63	---	---
	2440	1.08	1.25	0.8640	86.40	0.63	---	---
	2480	1.08	1.25	0.8640	86.40	0.63	---	---

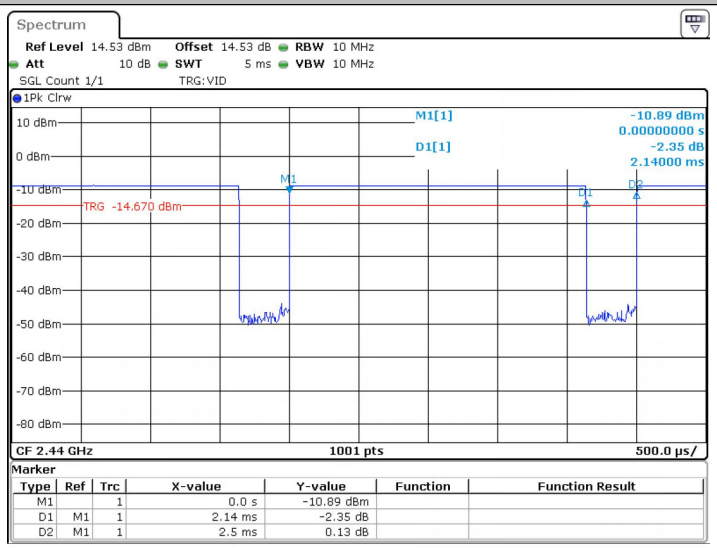
Test Graphs

BLE_1M_Ant1_2402



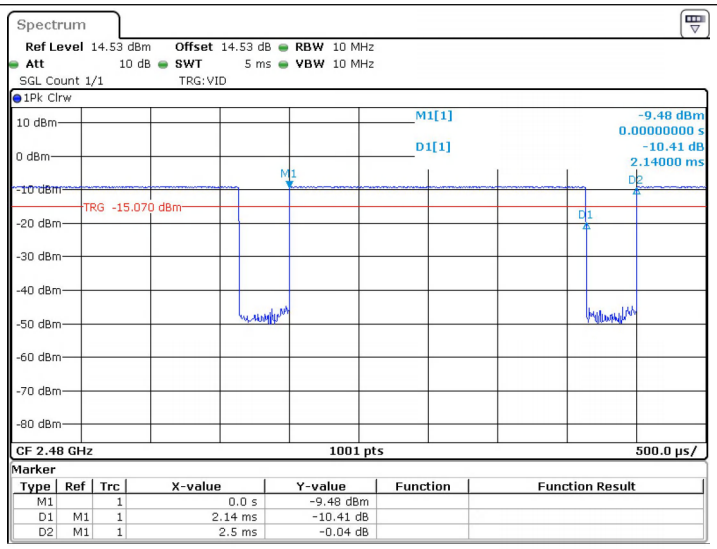
Date: 7.JUL.2026 20:06:37

BLE_1M_Ant1_2440



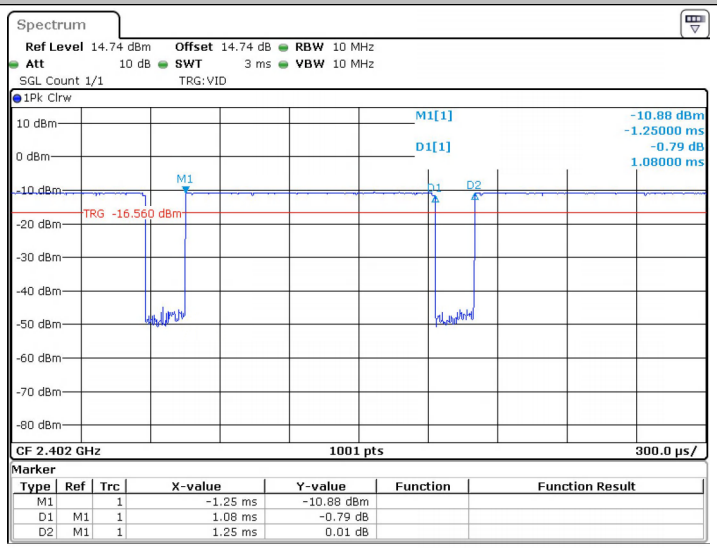
Date: 7.JUL.2026 20:07:47

BLE_1M_Ant1_2480



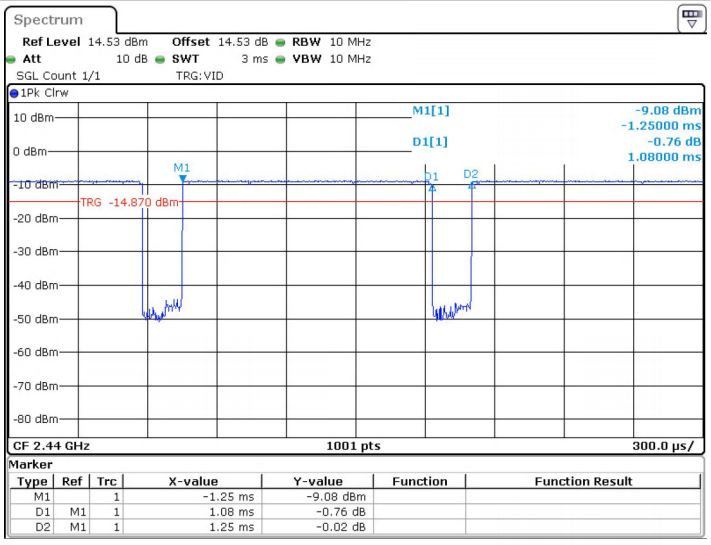
Date: 7.JUL.2026 20:08:17

BLE_2M_Ant1_2402



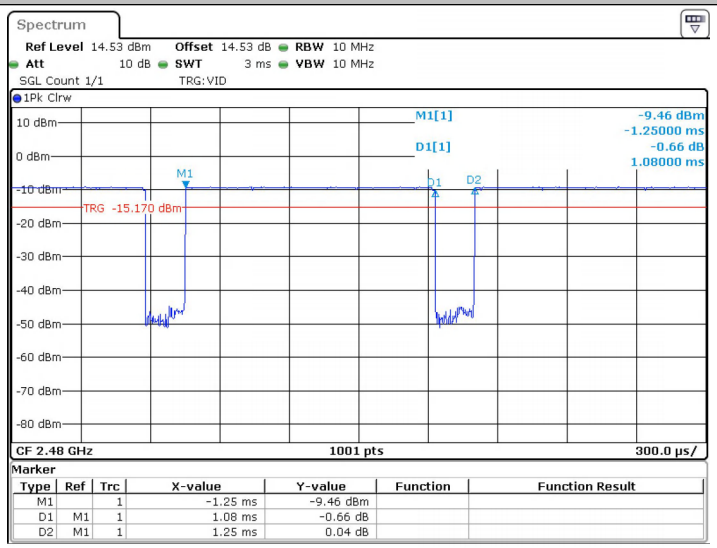
Date: 7.JUL.2026 20:08:41

BLE_2M_Ant1_2440



Date: 7.JUL.2026 20:09:07

BLE_2M_Ant1_2480



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	-1.25 ms	-9.46 dBm		
D1	M1	1	1.08 ms	-0.66 dB		
D2	M1	1	1.25 ms	0.04 dB		

Date: 7.JUL.2026 20:09:32