

Appendix A

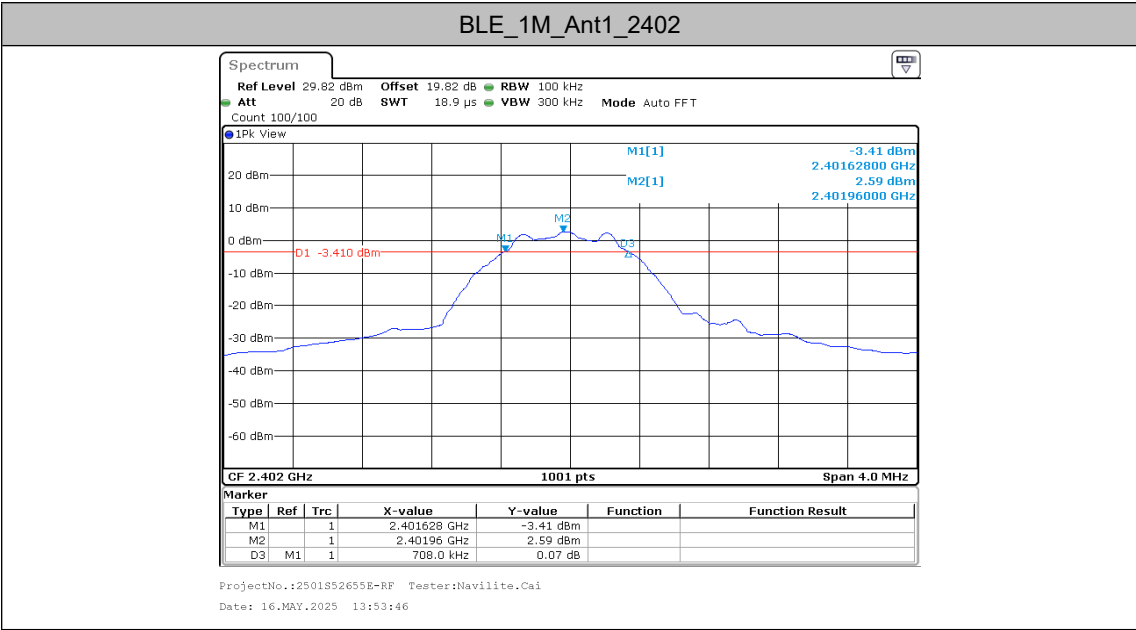
Case No. :2501S52655E-RF
Ambient Condition: 26°C,50%RH,
Test Date:2025-5-16Test Engineer:Navilite.Cai

DTS Bandwidth

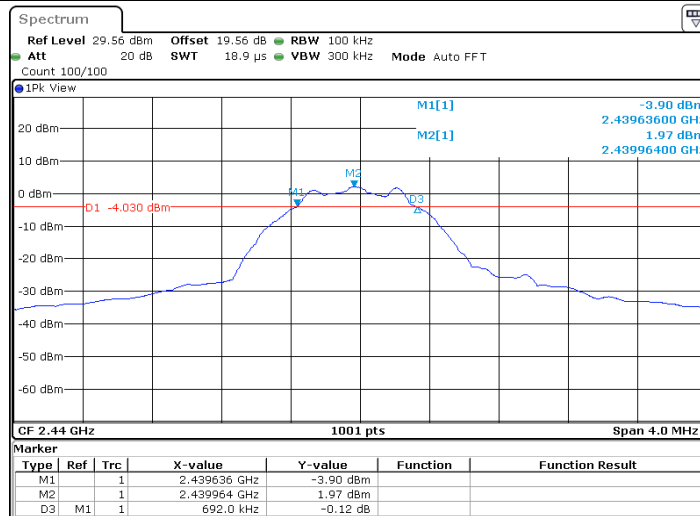
Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.708	2401.63	2402.34	0.5	PASS
		2440	0.692	2439.64	2440.33	0.5	PASS
		2480	0.708	2479.62	2480.33	0.5	PASS

Test Graphs

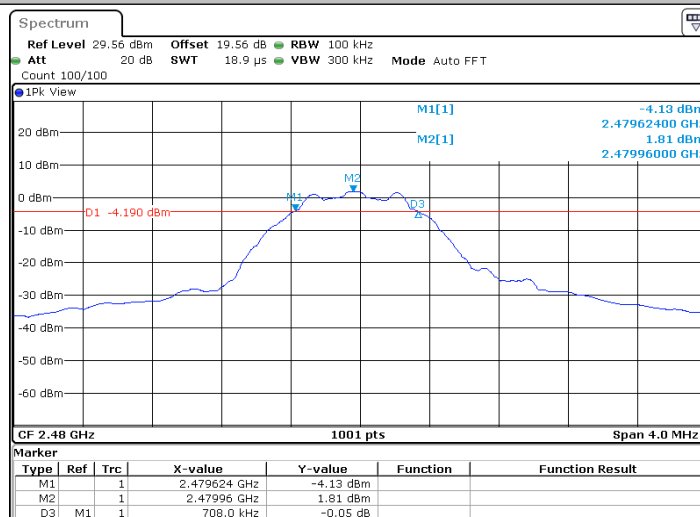


BLE_1M_Ant1_2440



ProjectNo.:2501S52655E-RF Tester:Navilite,Cai
 Date: 16.MAY.2025 13:55:05

BLE_1M_Ant1_2480



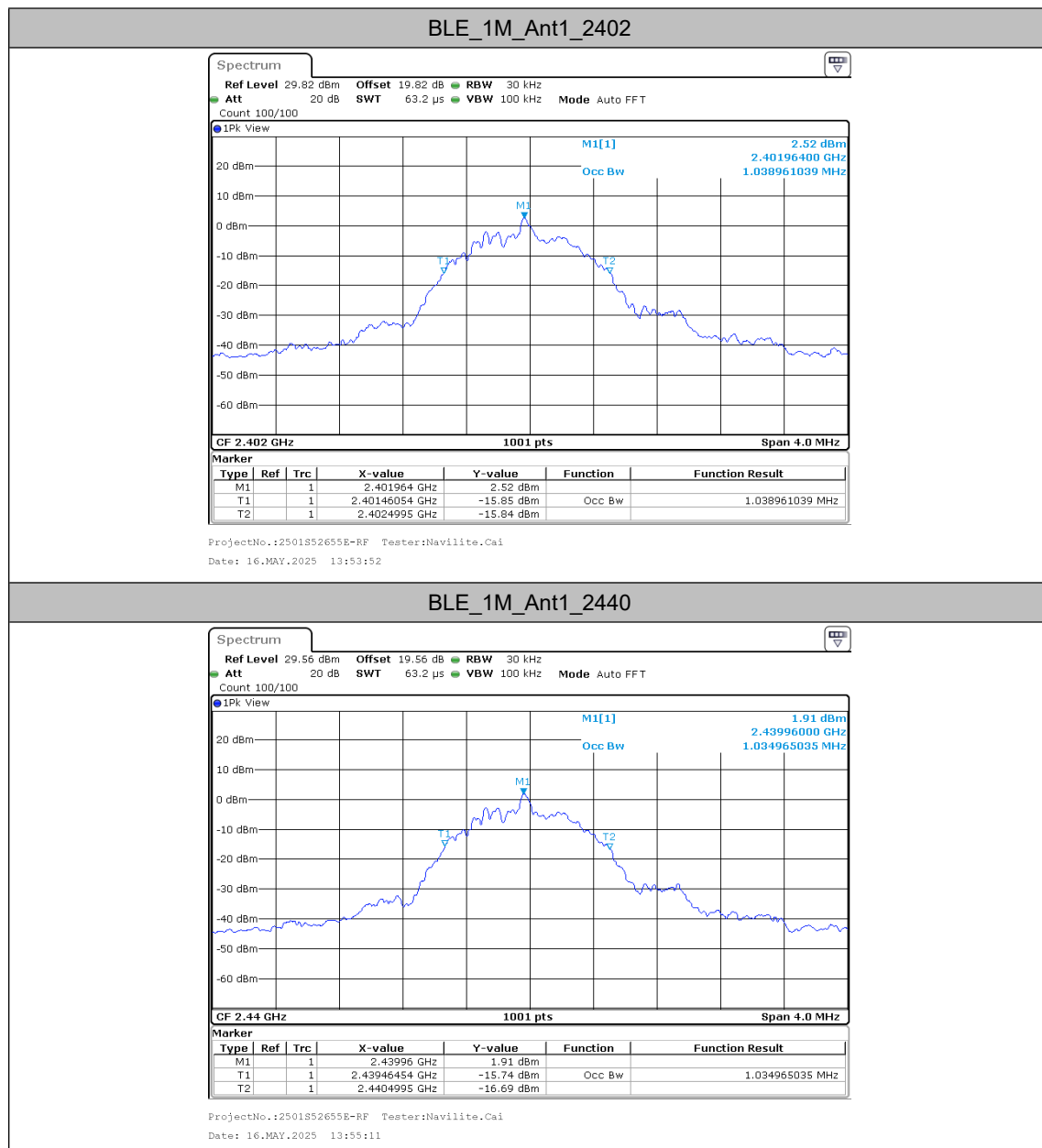
ProjectNo.:2501S52655E-RF Tester:Navilite,Cai
 Date: 16.MAY.2025 13:55:54

Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.039	2401.4605	2402.4995	---	---
		2440	1.035	2439.4645	2440.4995	---	---
		2480	1.055	2479.4525	2480.5075	---	---

Test Graphs





Maximum conducted output power

Test Result Peak

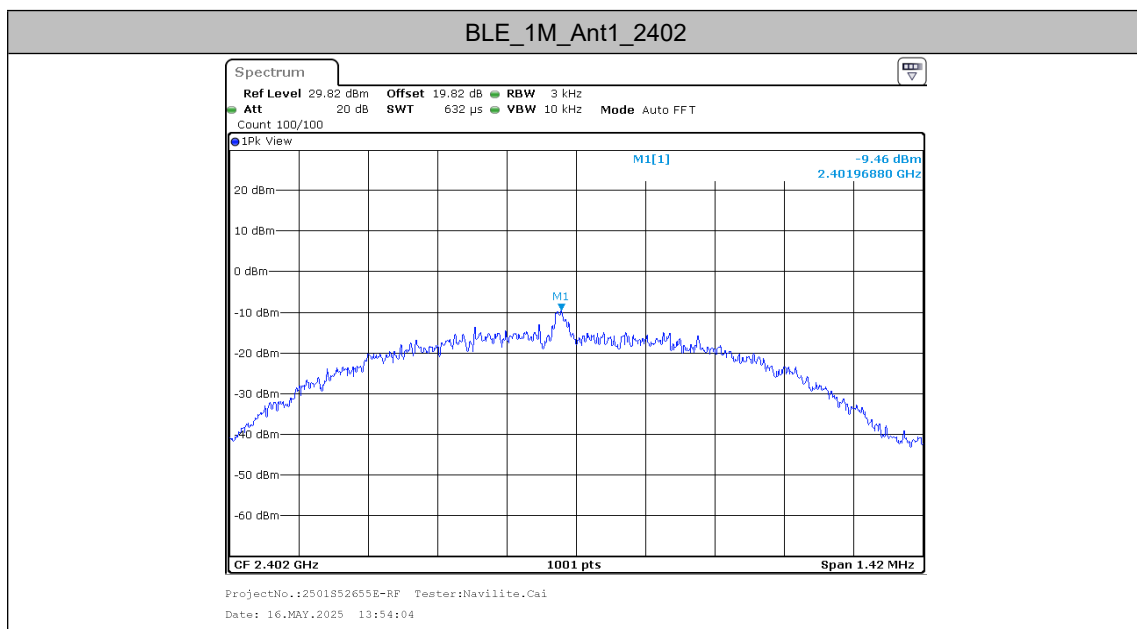
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	IC EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.75	≤30	3.95	≤36	PASS
		2440	2.20	≤30	3.40	≤36	PASS
		2480	2.01	≤30	3.21	≤36	PASS

Maximum power spectral density

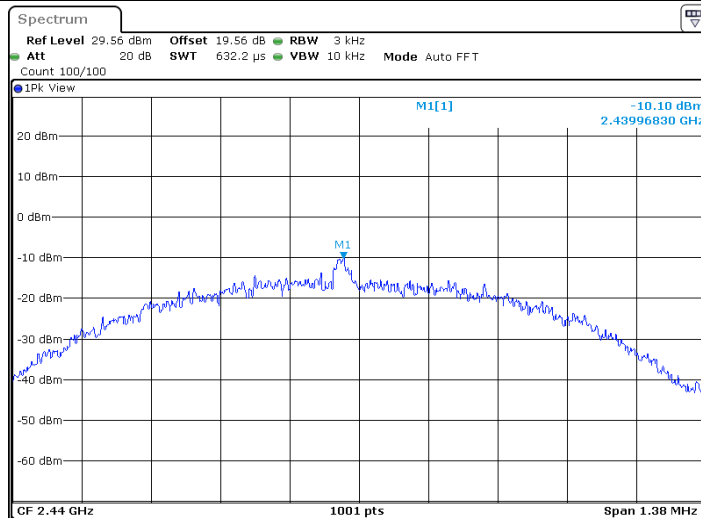
Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-9.46	≤8.00	PASS
		2440	-10.10	≤8.00	PASS
		2480	-10.36	≤8.00	PASS

Test Graphs

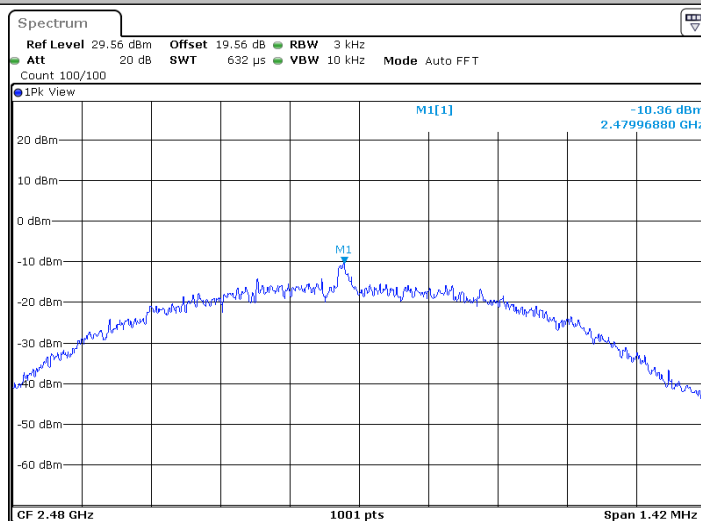


BLE_1M_Ant1_2440



ProjectNo.:2501S52655E-RF Tester:Navilite.Cai
 Date: 16.MAY.2025 13:55:23

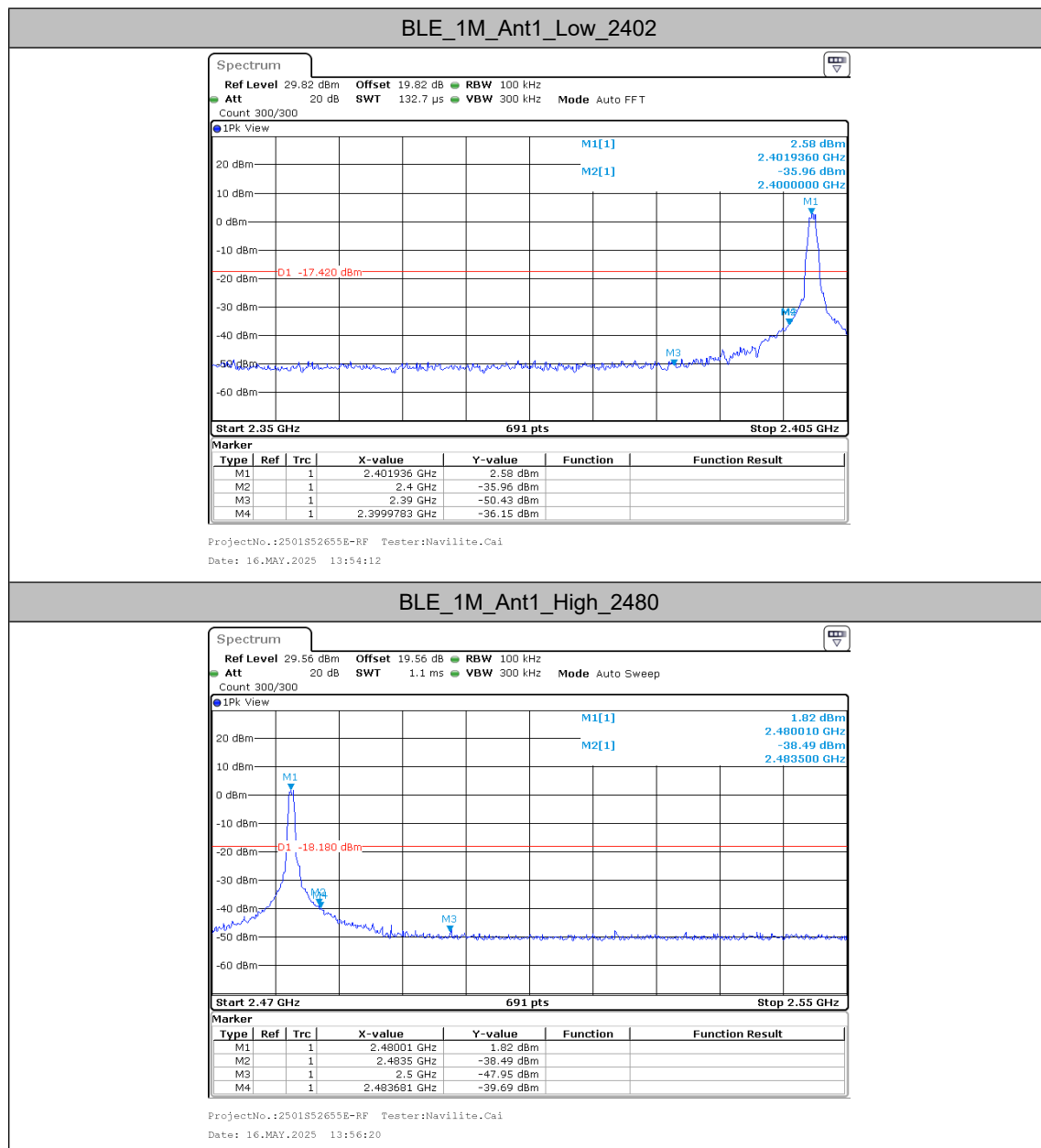
BLE_1M_Ant1_2480



ProjectNo.:2501S52655E-RF Tester:Navilite.Cai
 Date: 16.MAY.2025 13:56:12

Band edge measurements

Test Graphs



Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor [dB]	1/T _{on} (Hz)	VBW (kHz)
BLE_1M	Ant1	2440	1.67	1.87	89.30	0.49	598.80	1

Test Graphs

