

Appendix B

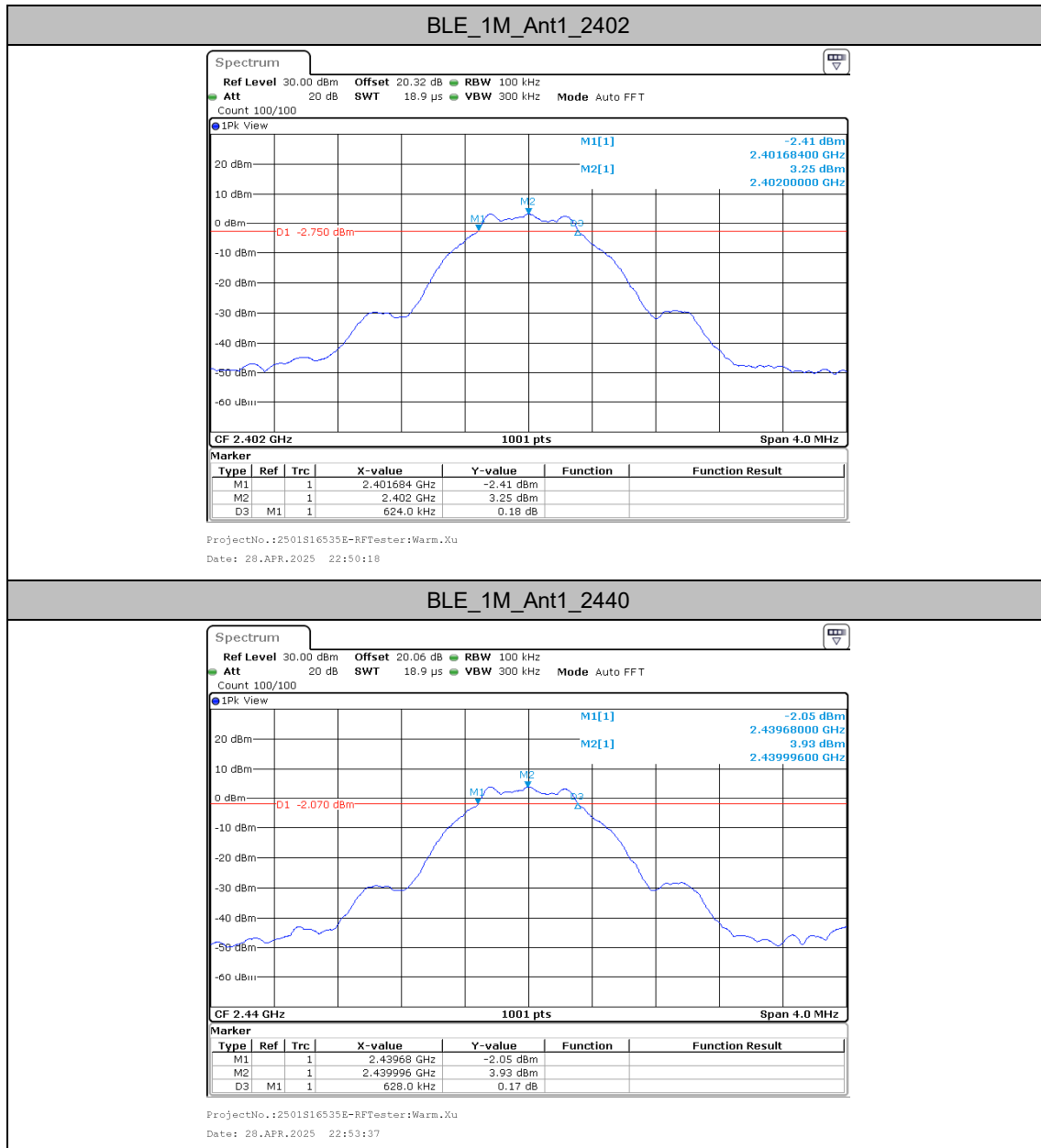
Project No.:	2501S16535E-RF
EUT Number:	314T-3
Operating Mode:	Transmitting
Test Conditions:	Temperature: 25 ~26.1℃ Relative Humidity: 45 ~53% ATM Pressure: 101 kPa
Test Engineer:	Warm Xu
Test Date:	2025.4.28~2025.7.1

DTS Bandwidth

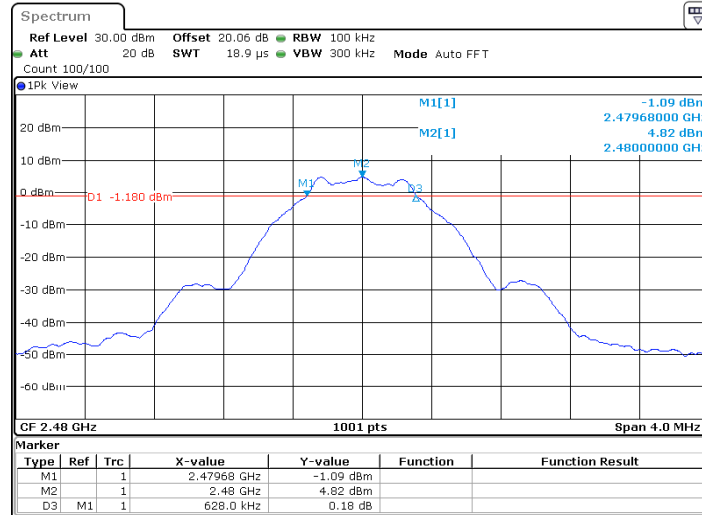
Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.62	2401.68	2402.31	0.5	PASS
		2440	0.63	2439.68	2440.31	0.5	PASS
		2480	0.63	2479.68	2480.31	0.5	PASS
BLE_2M	Ant1	2402	1.07	2401.46	2402.53	0.5	PASS
		2440	1.07	2439.46	2440.53	0.5	PASS
		2480	1.07	2479.46	2480.53	0.5	PASS

Test Graphs

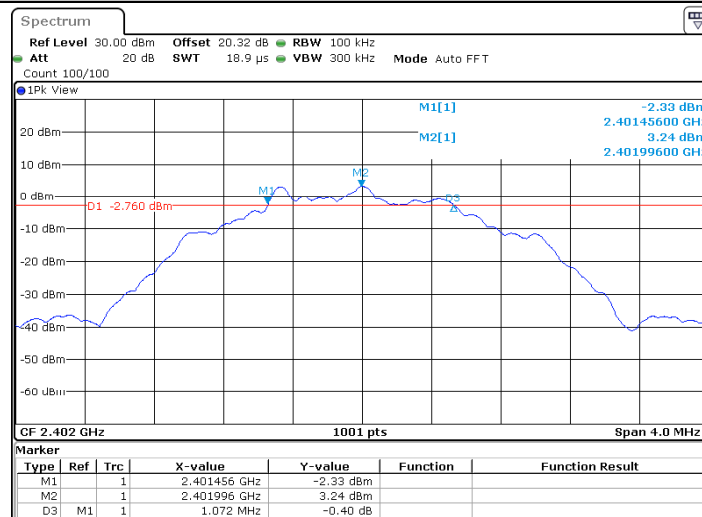


BLE_1M_Ant1_2480



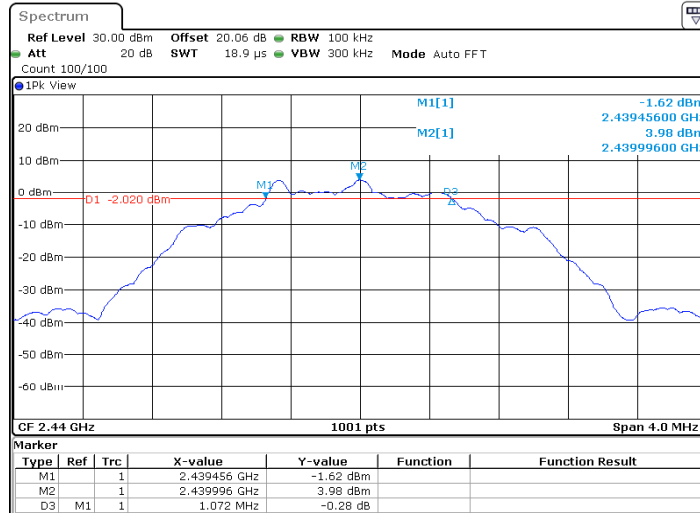
ProjectNo.:2501S16535E-RFTester:Warm,Xu
 Date: 28.APR.2025 22:54:51

BLE_2M_Ant1_2402



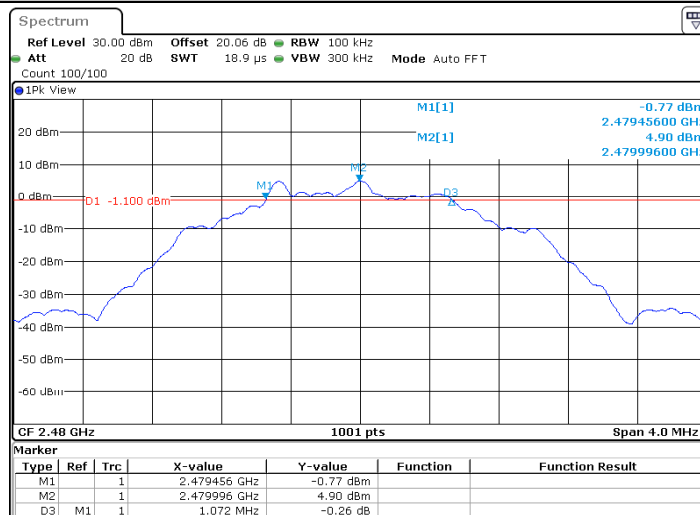
ProjectNo.:2501S16535E-RFTester:Warm,Xu
 Date: 28.APR.2025 22:58:34

BLE_2M_Ant1_2440



ProjectNo.:2501S16535E-RFTester:Warm,Xu
Date: 28.APR.2025 23:01:47

BLE_2M_Ant1_2480



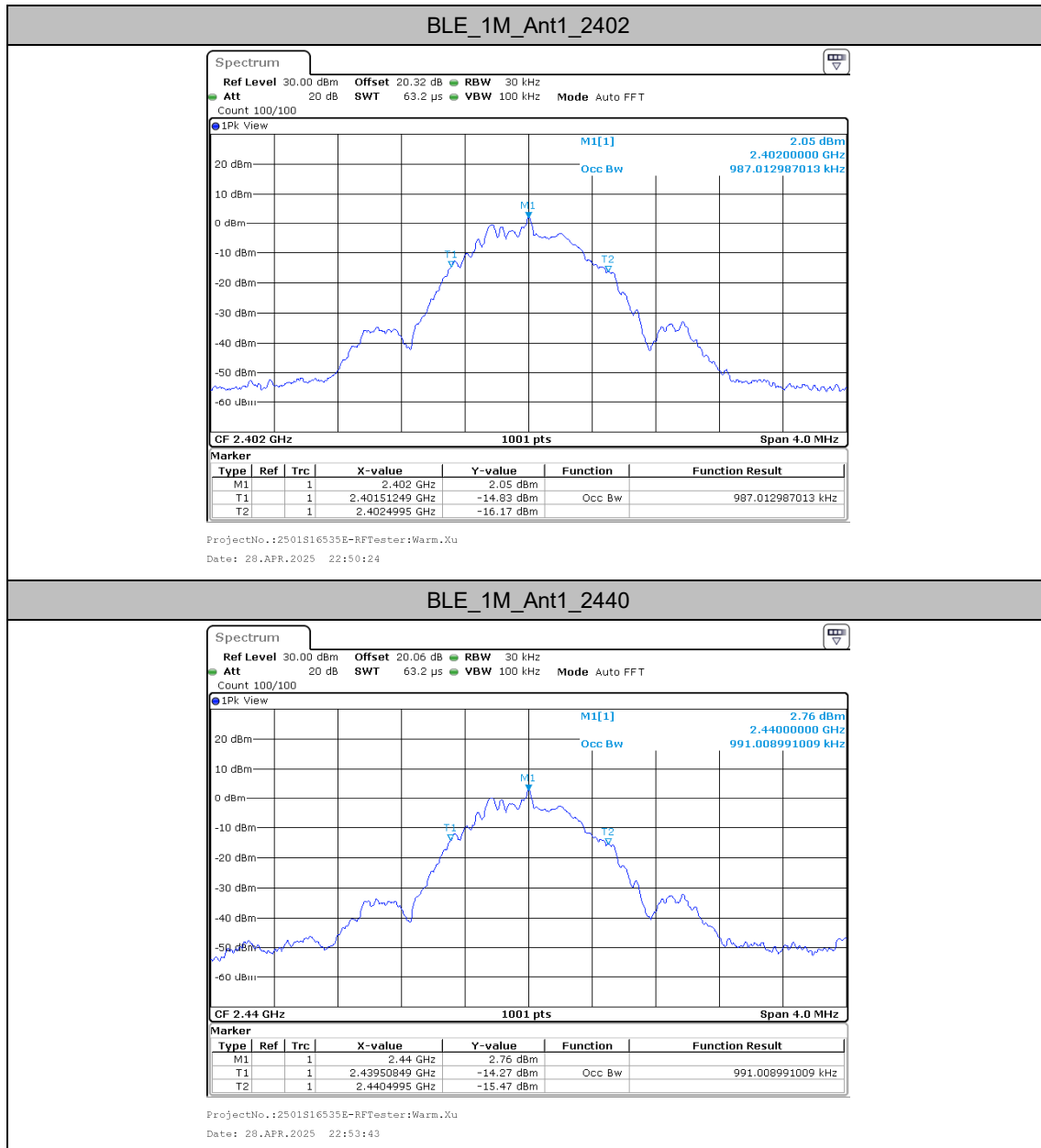
ProjectNo.:2501S16535E-RFTester:Warm,Xu
Date: 28.APR.2025 23:06:02

Occupied Channel Bandwidth

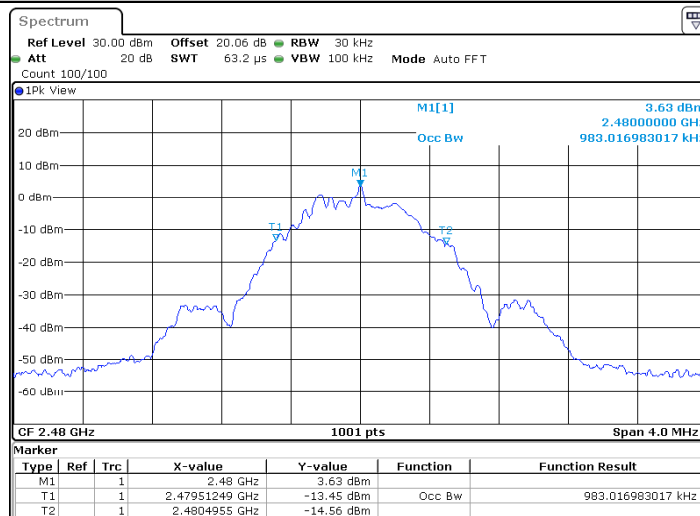
Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.987	2401.5125	2402.4995	---	---
		2440	0.991	2439.5085	2440.4995	---	---
		2480	0.983	2479.5125	2480.4955	---	---
BLE_2M	Ant1	2402	1.938	2401.0410	2402.9790	---	---
		2440	1.938	2439.0410	2440.9790	---	---
		2480	1.934	2479.0450	2480.9790	---	---

Test Graphs

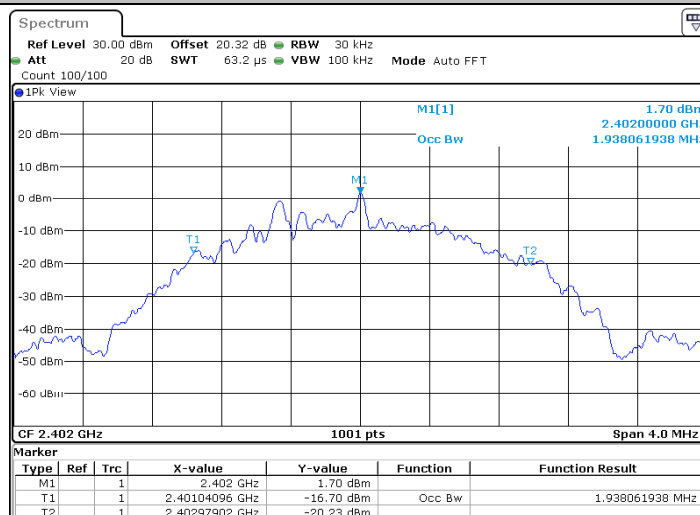


BLE_1M_Ant1_2480



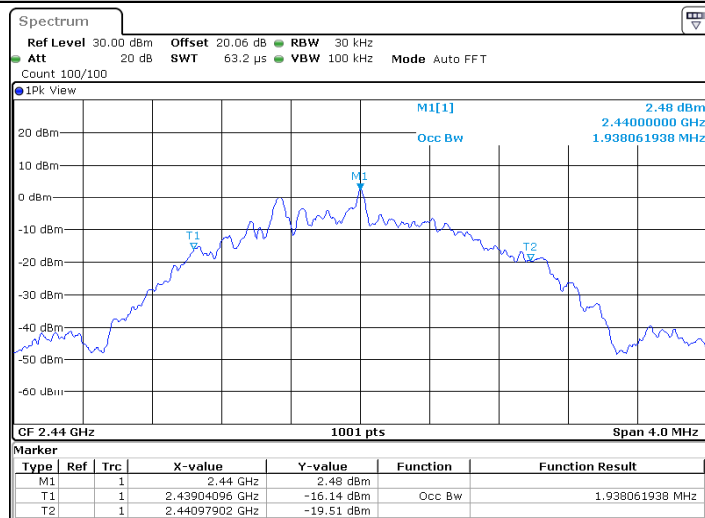
ProjectNo.:2501S16535E-RFTester:Warm.Xu
 Date: 26.APR.2025 22:54:57

BLE_2M_Ant1_2402



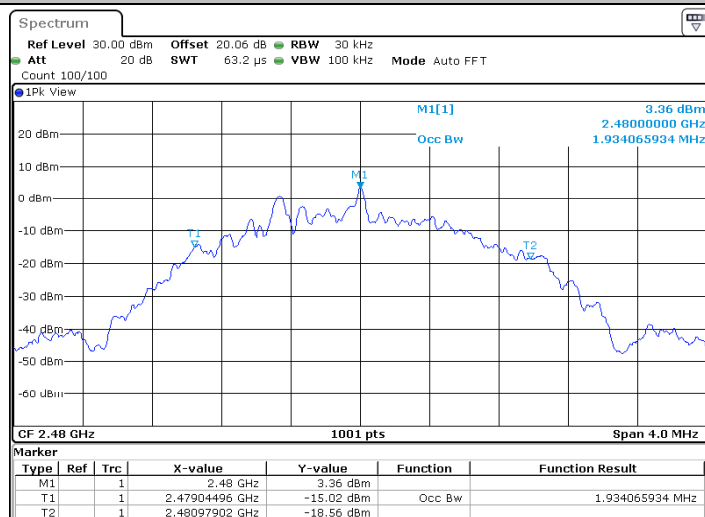
ProjectNo.:2501S16535E-RFTester:Warm.Xu
 Date: 26.APR.2025 22:58:40

BLE_2M_Ant1_2440



ProjectNo.:2501S16535E-RFTester:Warm.Xu
Date: 28.APR.2025 23:01:53

BLE_2M_Ant1_2480



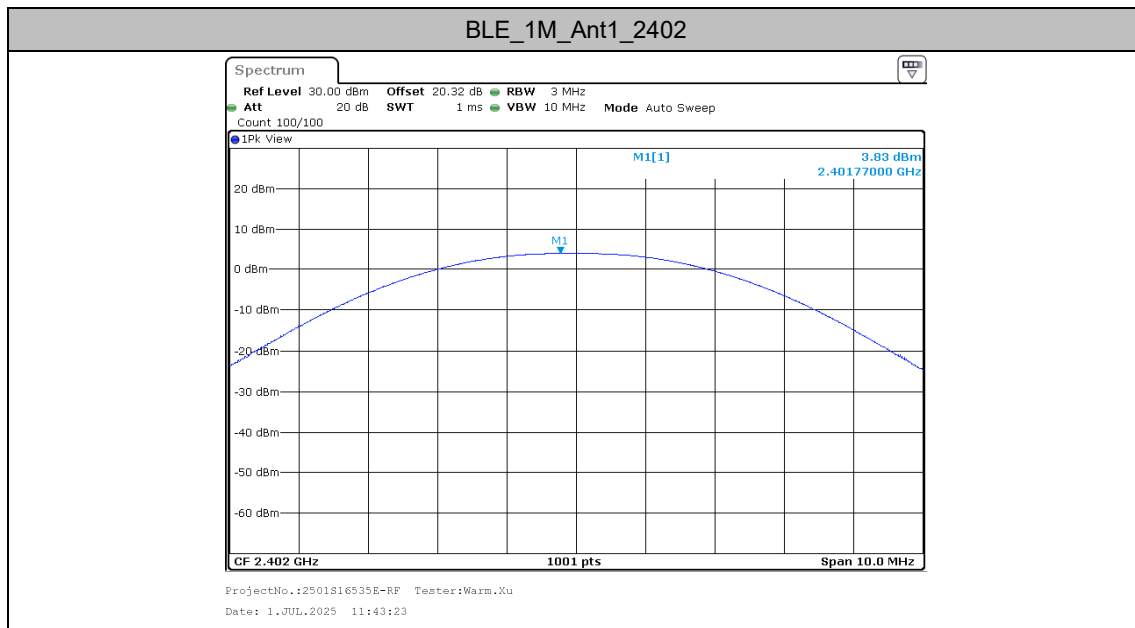
ProjectNo.:2501S16535E-RFTester:Warm.Xu
Date: 28.APR.2025 23:06:08

Maximum conducted output power

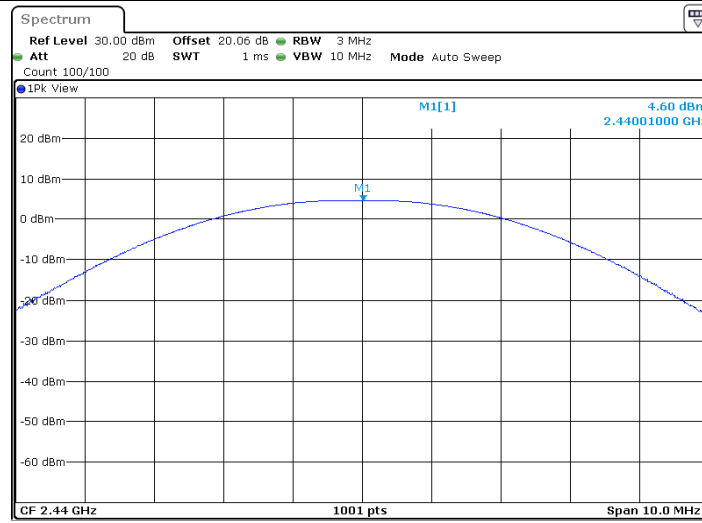
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	3.83	≤30	PASS
		2440	4.60	≤30	PASS
		2480	5.33	≤30	PASS
BLE_2M	Ant1	2402	3.61	≤30	PASS
		2440	4.45	≤30	PASS
		2480	5.74	≤30	PASS

Test Graphs Peak

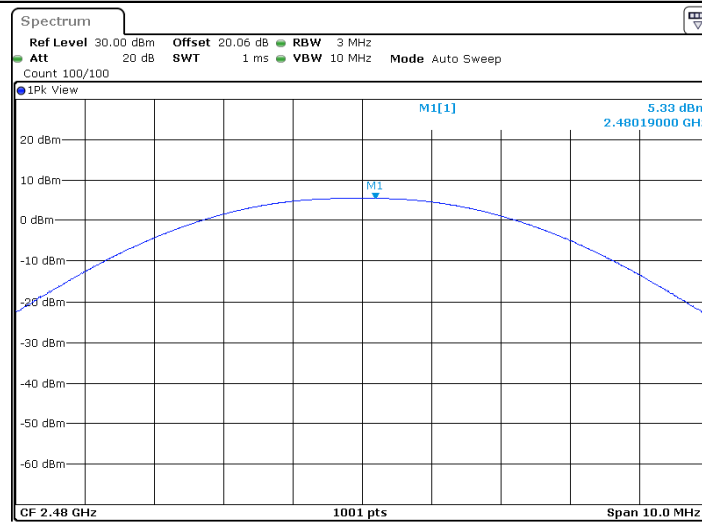


BLE_1M_Ant1_2440



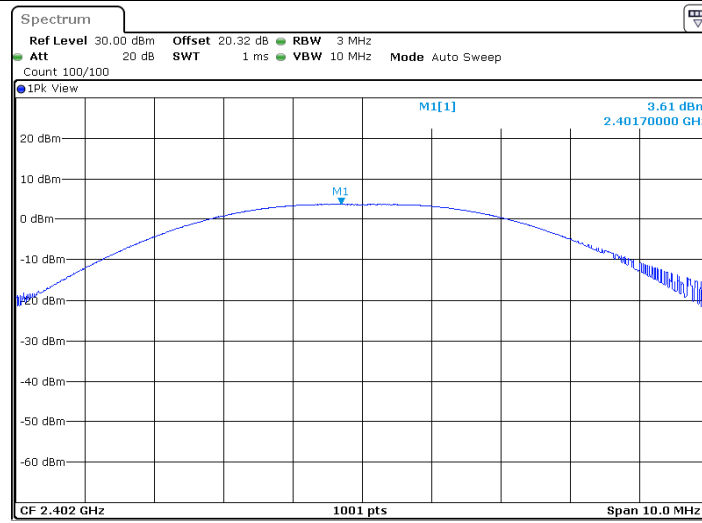
ProjectNo.:2501S16535E-RF Tester:Warm.Xu
Date: 1.JUL.2025 11:45:08

BLE_1M_Ant1_2480



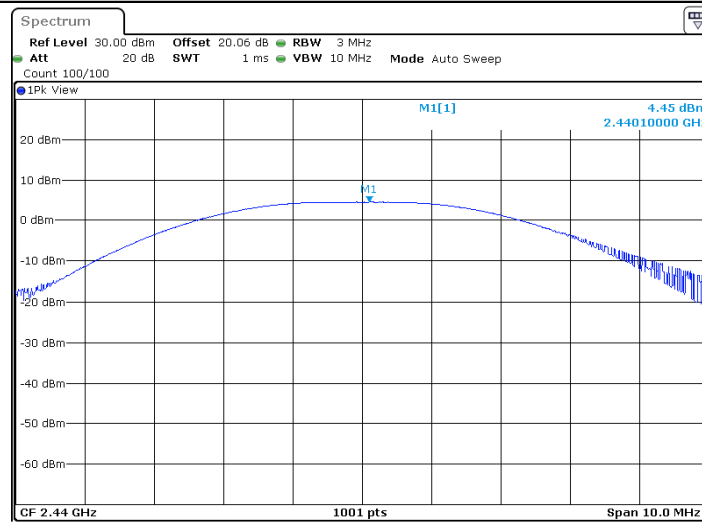
ProjectNo.:2501S16535E-RF Tester:Warm.Xu
Date: 1.JUL.2025 11:49:04

BLE_2M_Ant1_2402

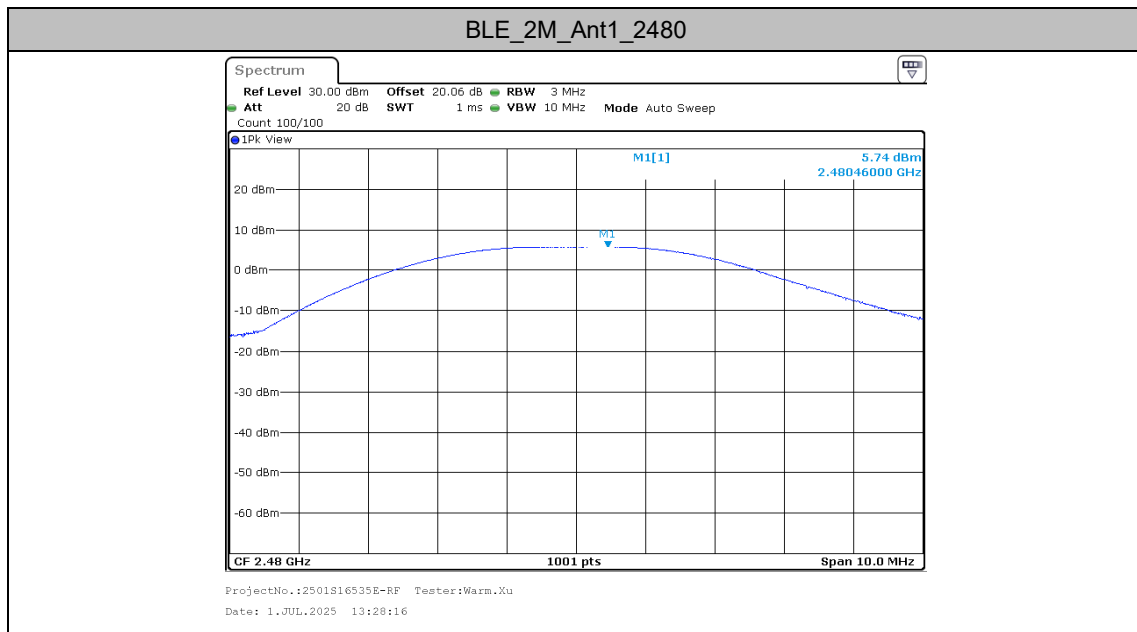


ProjectNo.:2501S16535E-RF Tester:Warm.Xu
Date: 1.JUL.2025 13:25:24

BLE_2M_Ant1_2440



ProjectNo.:2501S16535E-RF Tester:Warm.Xu
Date: 1.JUL.2025 13:26:37

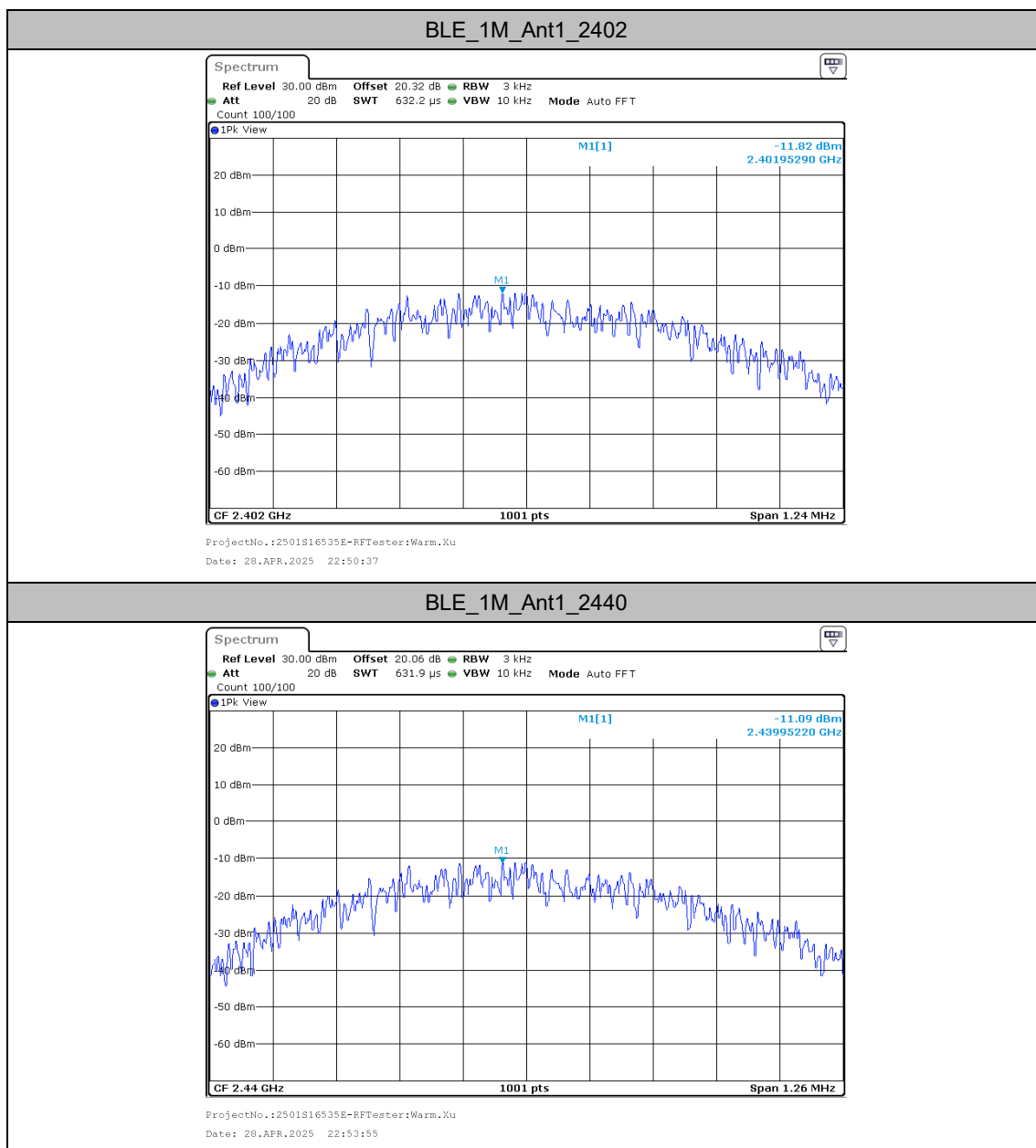


Maximum power spectral density

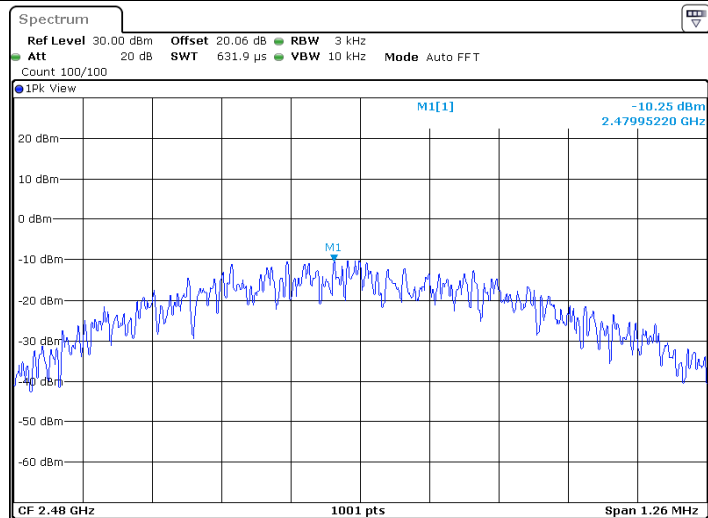
Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-11.82	≤8.00	PASS
		2440	-11.09	≤8.00	PASS
		2480	-10.25	≤8.00	PASS
BLE_2M	Ant1	2402	-13.13	≤8.00	PASS
		2440	-12.10	≤8.00	PASS
		2480	-11.19	≤8.00	PASS

Test Graphs

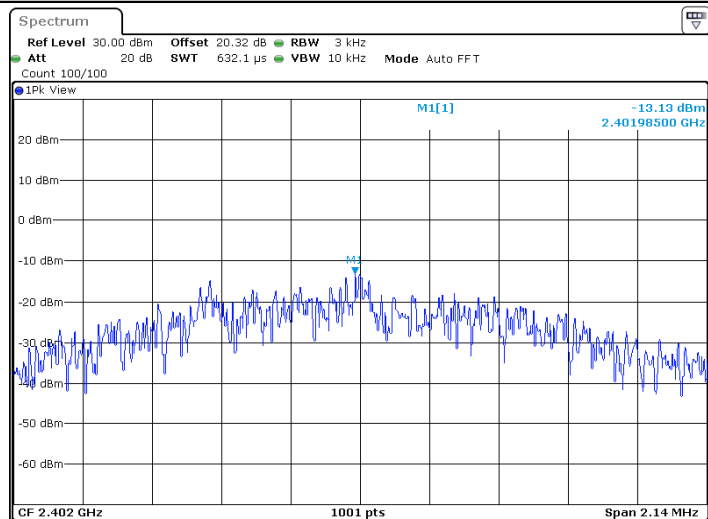


BLE_1M_Ant1_2480



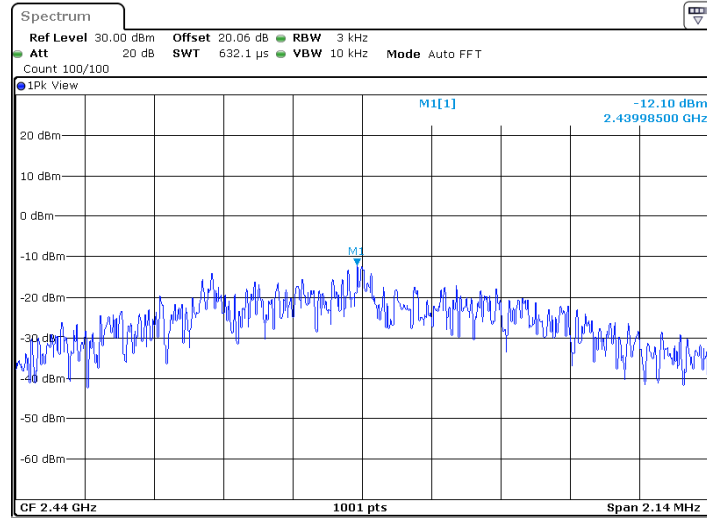
ProjectNo.:2501S16535E-RFTester:Warm,Xu
 Date: 28.APR.2025 22:55:10

BLE_2M_Ant1_2402



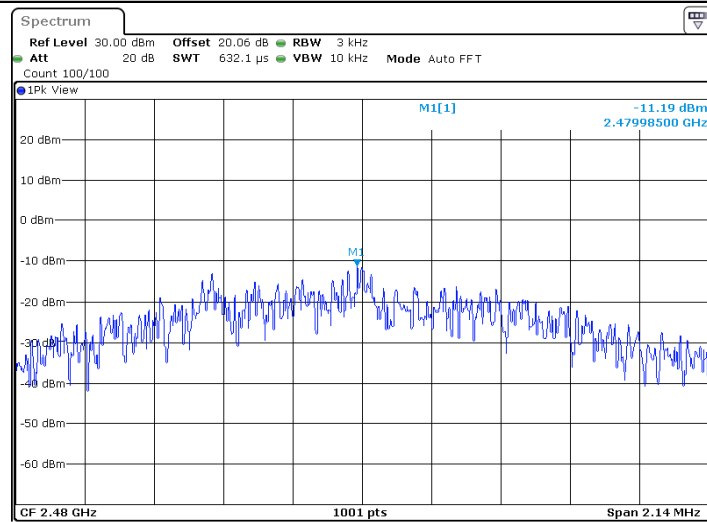
ProjectNo.:2501S16535E-RFTester:Warm,Xu
 Date: 28.APR.2025 22:58:53

BLE_2M_Ant1_2440



ProjectNo.:2501S16535E-RFTester:Warm,Xu
Date: 28.APR.2025 23:02:06

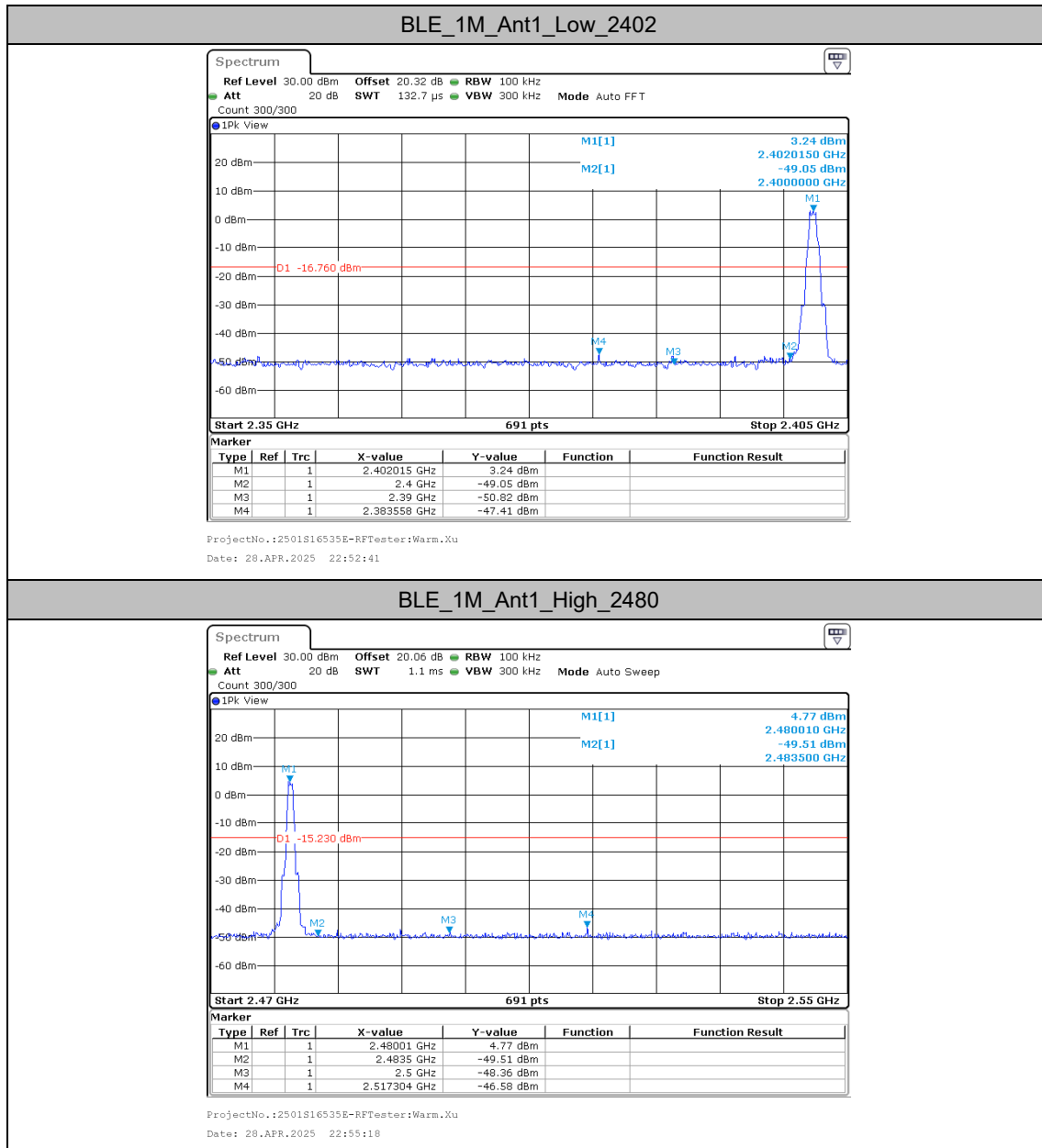
BLE_2M_Ant1_2480



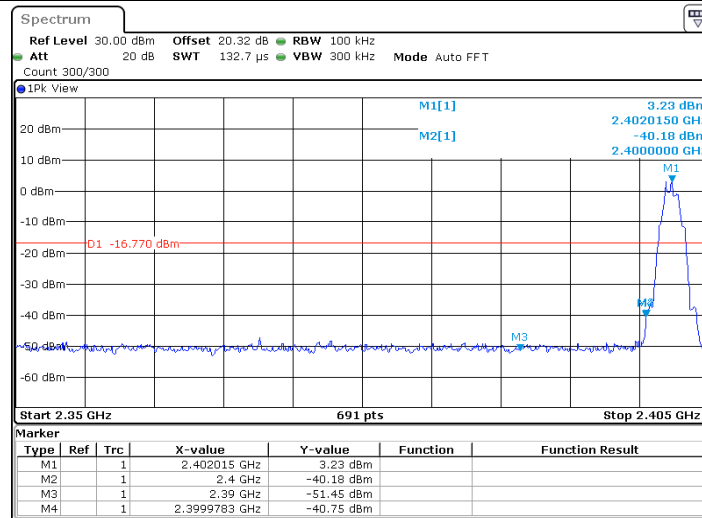
ProjectNo.:2501S16535E-RFTester:Warm,Xu
Date: 28.APR.2025 23:06:21

Band edge measurements

Test Graphs

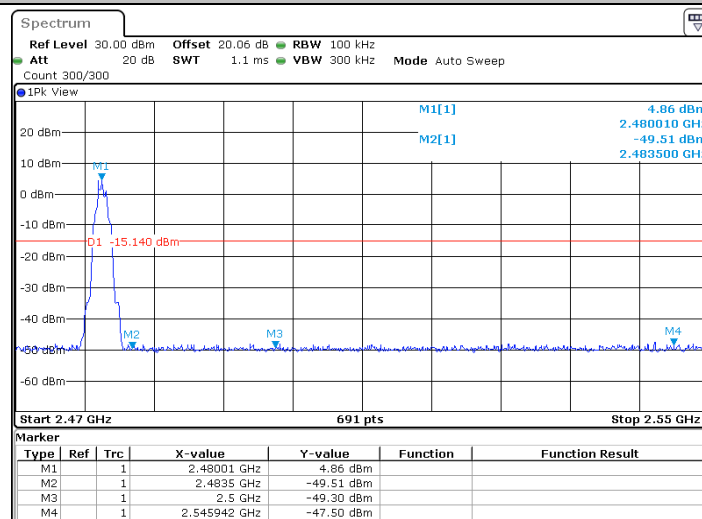


BLE_2M_Ant1_Low_2402



ProjectNo.:2501S16535E-RFTester:Warm,Xu
Date: 28.APR.2025 22:59:01

BLE_2M_Ant1_High_2480



ProjectNo.:2501S16535E-RFTester:Warm,Xu
Date: 28.APR.2025 23:06:30

Duty Cycle

Test Result

Test Mode	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/Ton [kHz]	VBW Setting [kHz]
BLE_1M	2440	0.41	0.63	65.08	1.87	2.439	3.0
BLE_2M	2440	0.23	0.63	36.51	4.38	4.348	5.0

Test Graphs

