

Test Information:

Sample No.:	2QMR-2	Test Date:	2024/09/19~2024/12/27
Test Site:	RF	Test Mode:	Transmitting
Tester:	Navilite Cai, Tom Tan	Test Result:	Pass

Environmental Conditions:

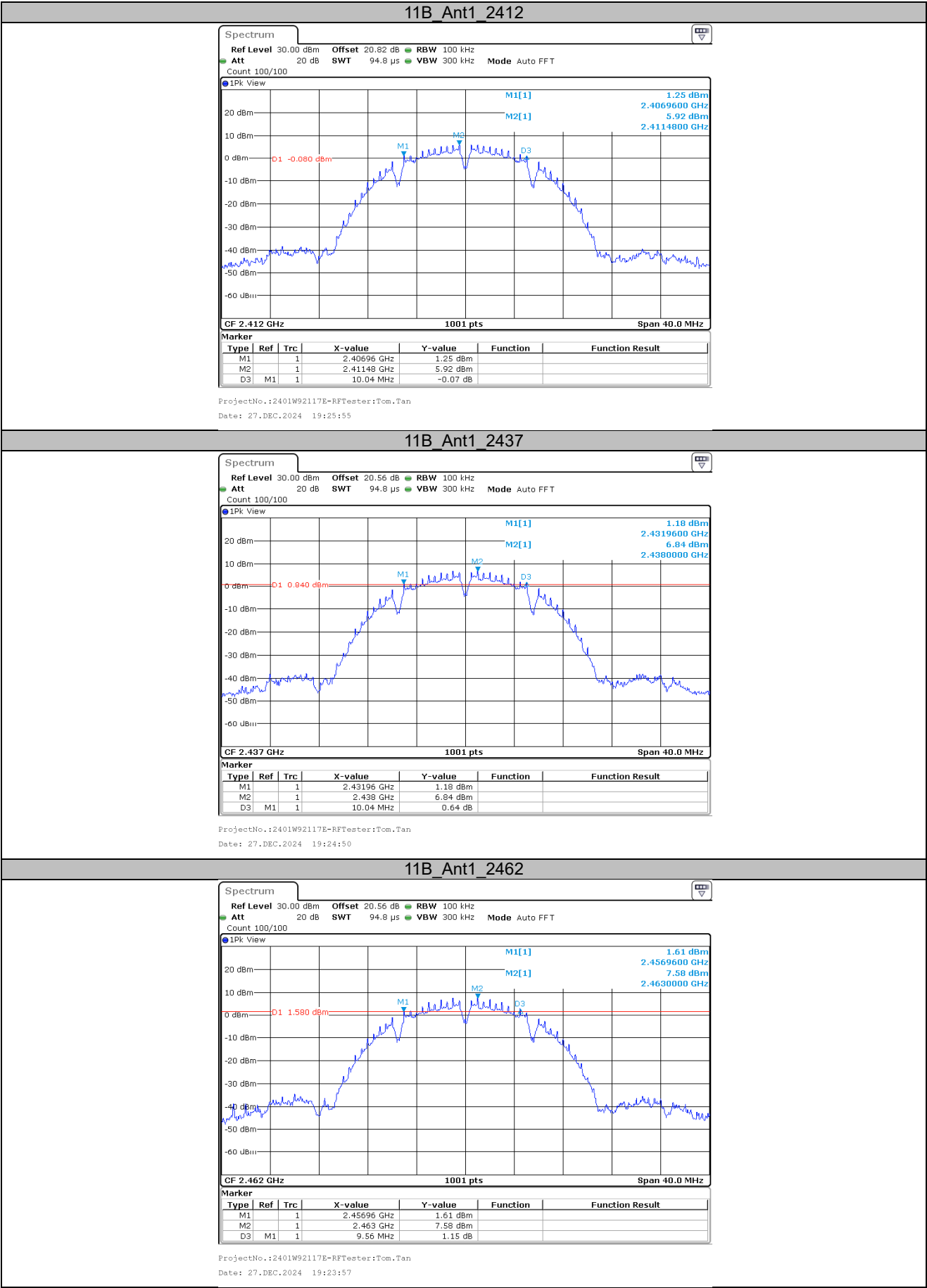
Temperature: (°C):	26~28	Relative Humidity: (%)	52~55	ATM Pressure: (kPa)	101
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DTS Bandwidth

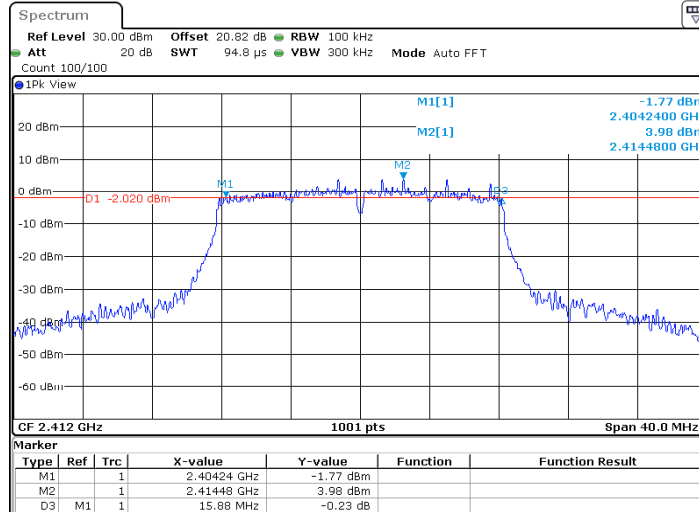
Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.04	0.5	PASS
		2437	10.04	0.5	PASS
		2462	9.56	0.5	PASS
11G	Ant1	2412	15.88	0.5	PASS
		2437	15.32	0.5	PASS
		2462	15.80	0.5	PASS
11N20SISO	Ant1	2412	16.04	0.5	PASS
		2437	15.80	0.5	PASS
		2462	17.52	0.5	PASS
11N40SISO	Ant1	2422	35.28	0.5	PASS
		2437	35.12	0.5	PASS
		2452	35.04	0.5	PASS

Test Graphs



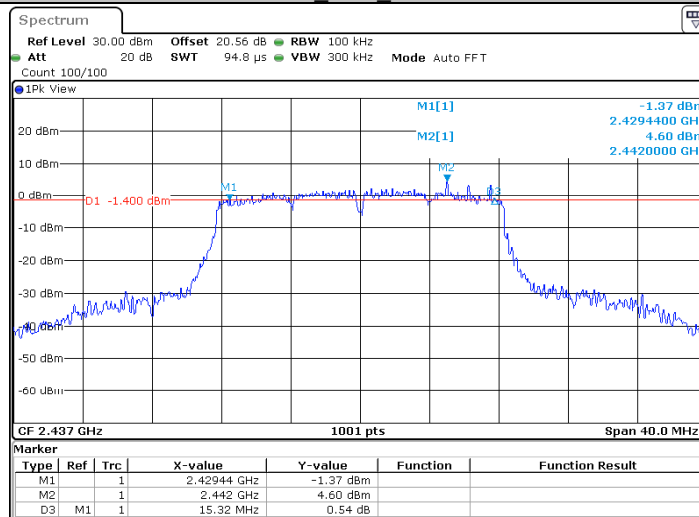
11G_Ant1_2412



ProjectNo.:2401W92117E-RFTester:Tom.Tan

Date: 27.DEC.2024 19:16:01

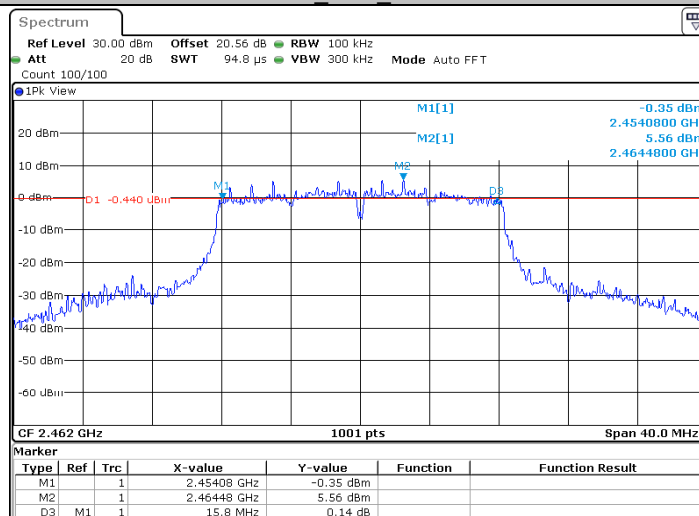
11G_Ant1_2437



ProjectNo.:2401W92117E-RFTester:Tom.Tan

Date: 27.DEC.2024 19:16:38

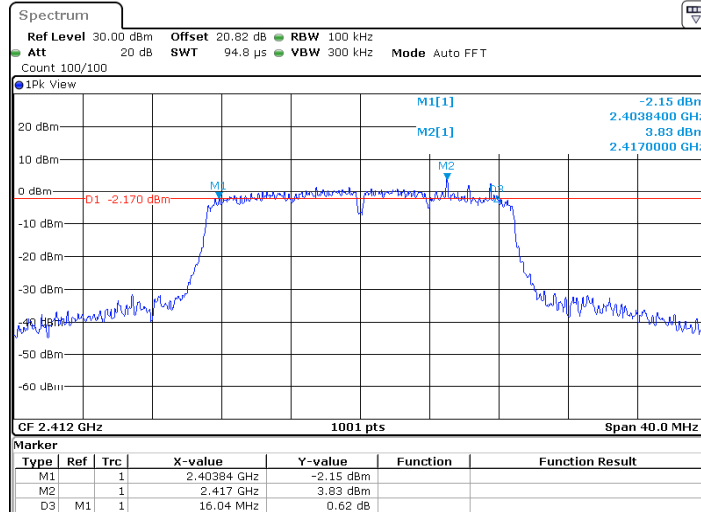
11G_Ant1_2462



ProjectNo.:2401W92117E-RFTester:Tom.Tan

Date: 27.DEC.2024 19:17:15

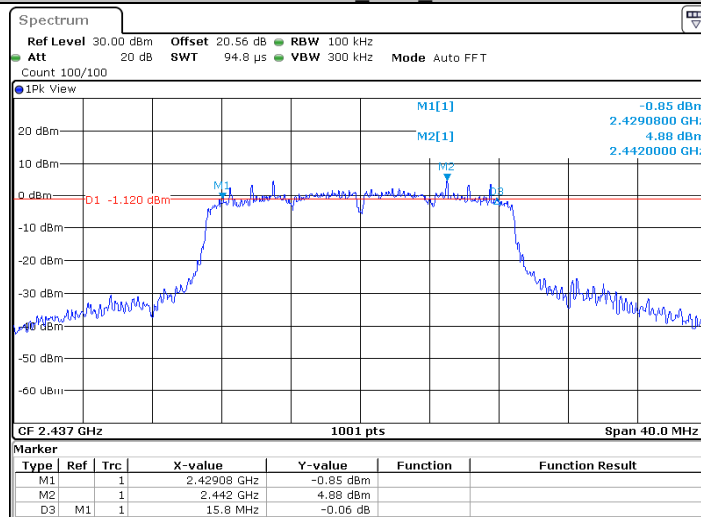
11N20SISO Ant1 2412



ProjectNo.:2401W92117E-RFTester:Tom.Tan

Date: 27.DEC.2024 19:17:58

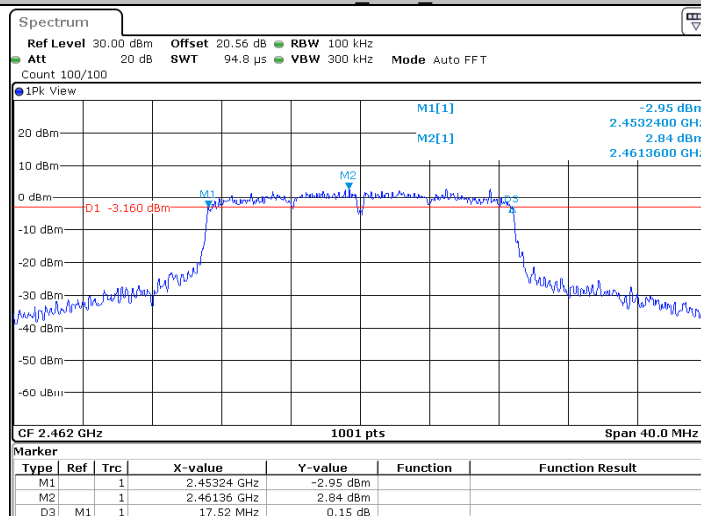
11N20SISO Ant1 2437



ProjectNo.:2401W92117E-RFTester:Tom.Tan

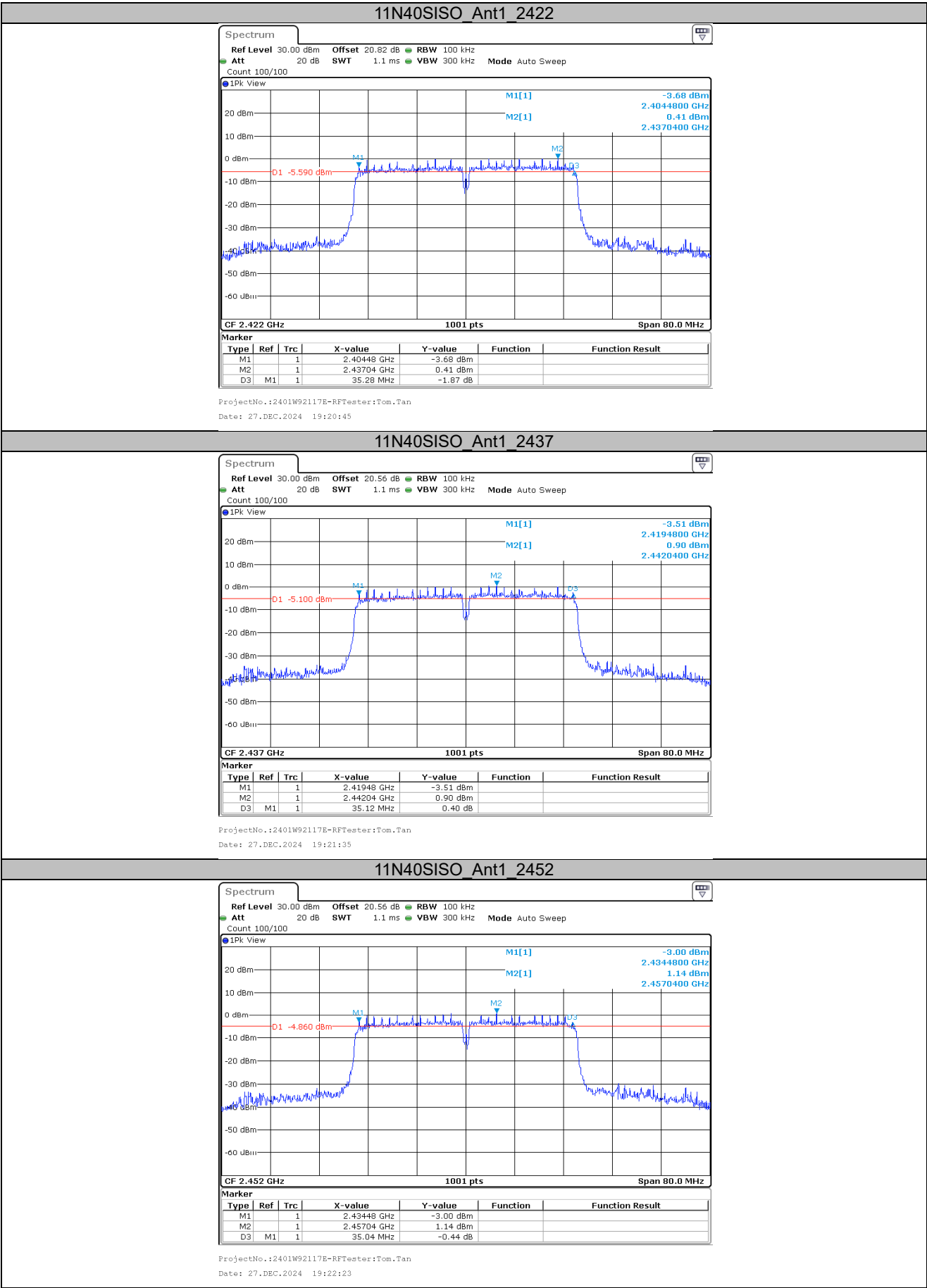
Date: 27.DEC.2024 19:18:35

11N20SISO Ant1 2462



ProjectNo.:2401W92117E-RFTester:Tom.Tan

Date: 27.DEC.2024 19:19:12

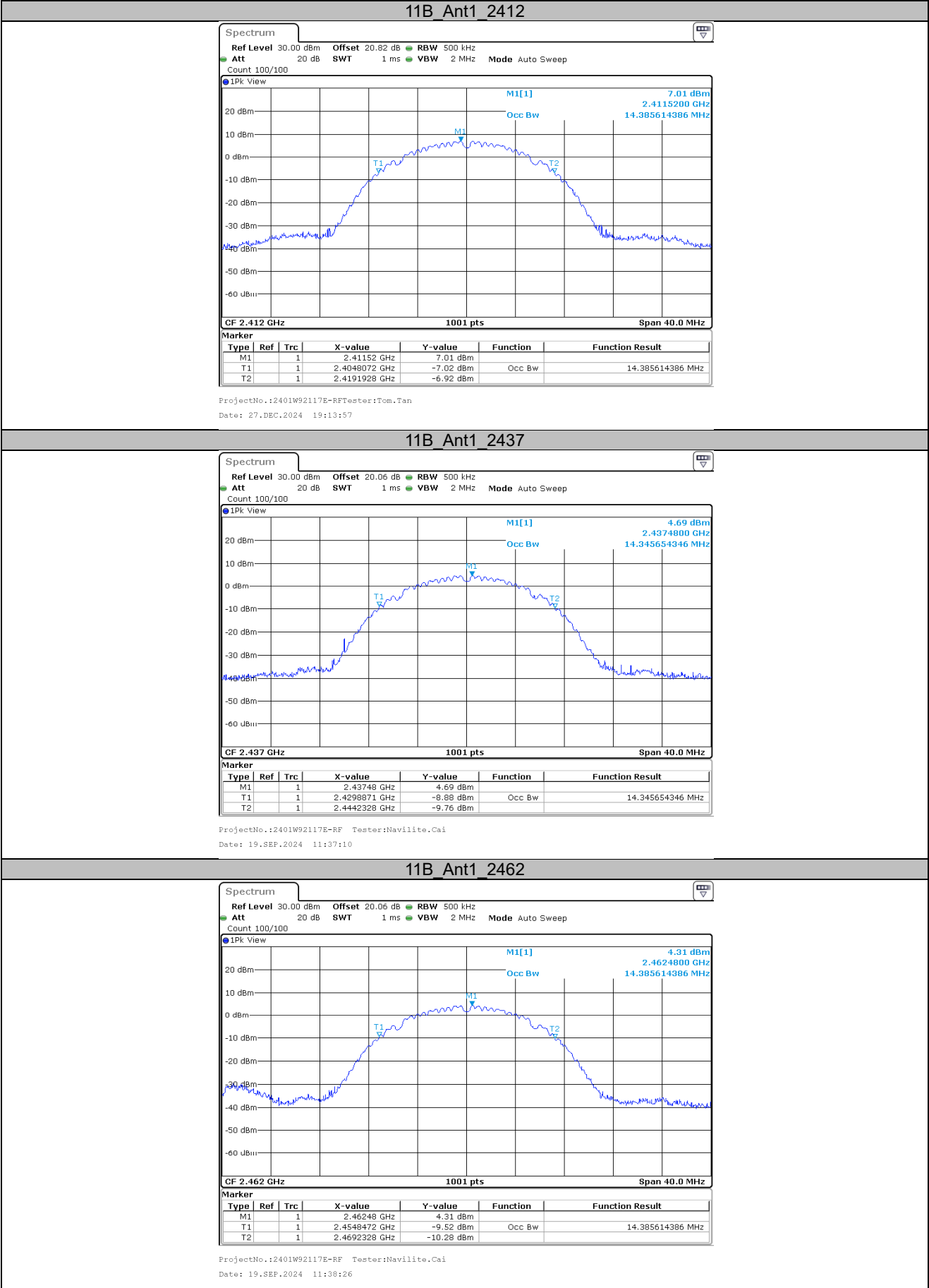


Occupied Channel Bandwidth

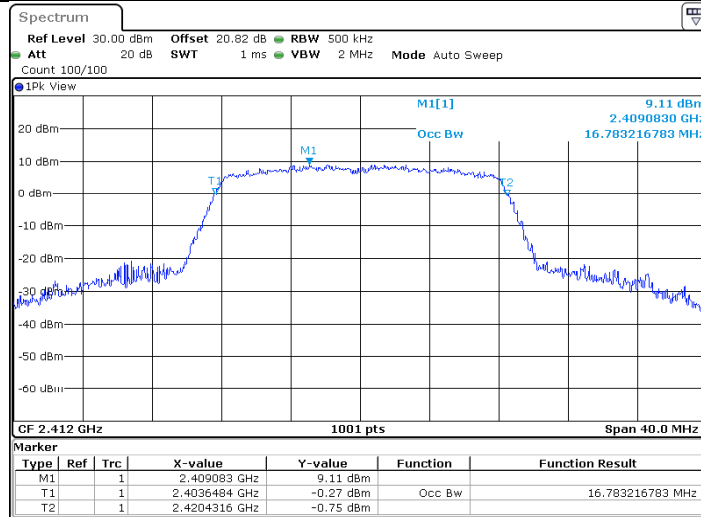
Test Result

Test Mode	Antenna	Channel	OCB [MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.386	---	---
		2437	14.346	---	---
		2462	14.386	---	---
11G	Ant1	2412	16.783	---	---
		2437	16.823	---	---
		2462	16.903	---	---
11N20SISO	Ant1	2412	17.582	---	---
		2437	17.622	---	---
		2462	17.742	---	---
11N40SISO	Ant1	2422	35.964	---	---
		2437	35.884	---	---
		2452	36.044	---	---

Test Graphs

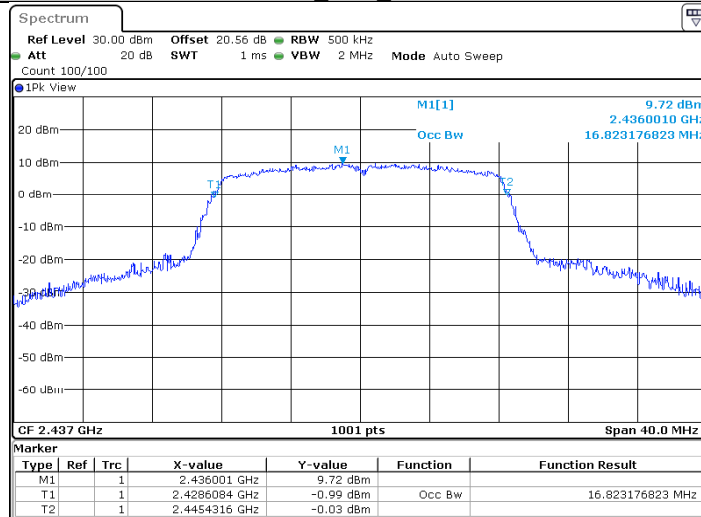


11G_Ant1_2412



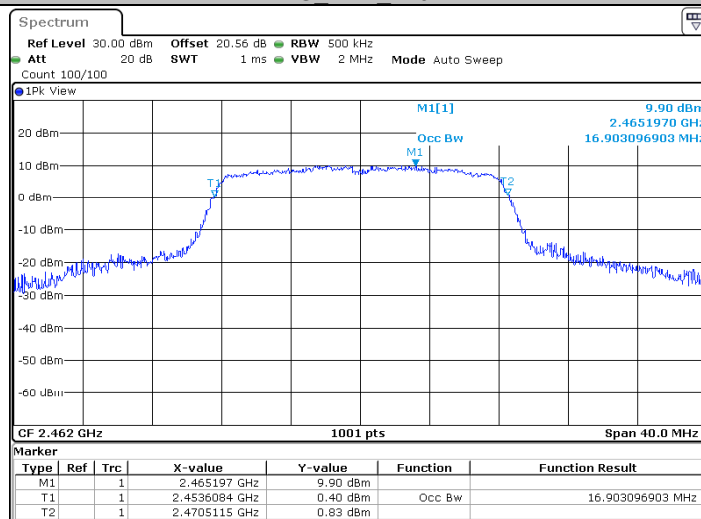
ProjectNo.:2401W92117E-RFTester:Tom.Tan
Date: 27.DEC.2024 19:16:07

11G_Ant1_2437



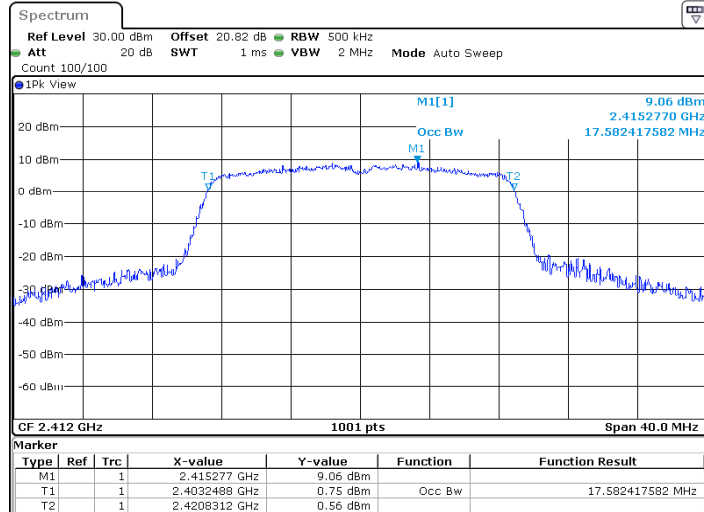
ProjectNo.:2401W92117E-RFTester:Tom.Tan
Date: 27.DEC.2024 19:16:44

11G_Ant1_2462



ProjectNo.:2401W92117E-RFTester:Tom.Tan
Date: 27.DEC.2024 19:17:21

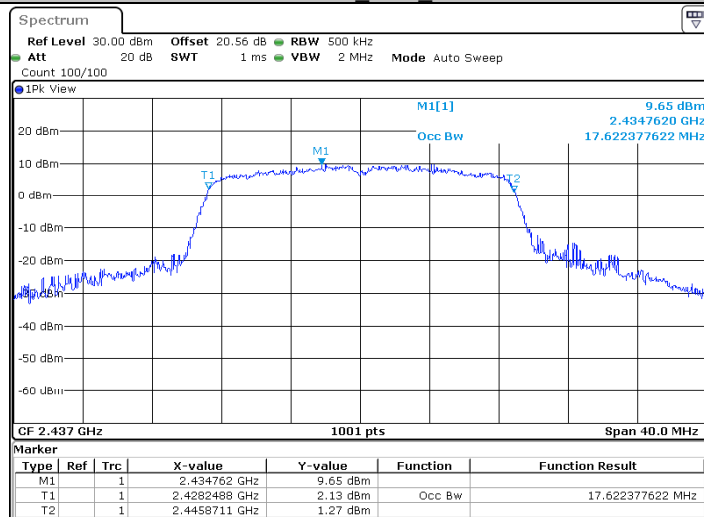
11N20SISO_Ant1_2412



ProjectNo.:2401W92117E-RFTester:Tom.Tan

Date: 27.DEC.2024 19:18:04

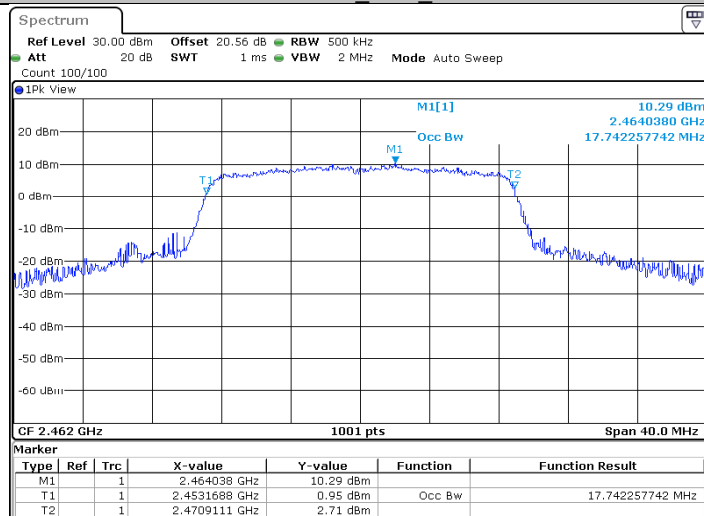
11N20SISO_Ant1_2437



ProjectNo.:2401W92117E-RFTester:Tom.Tan

Date: 27.DEC.2024 19:18:41

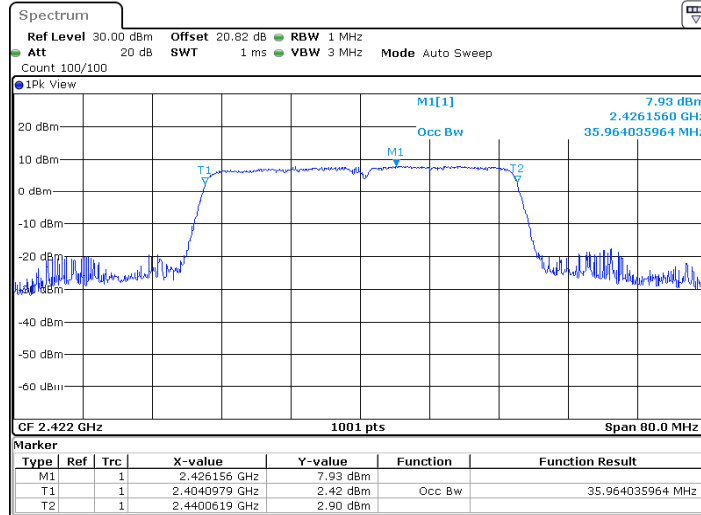
11N20SISO_Ant1_2462



ProjectNo.:2401W92117E-RFTester:Tom.Tan

Date: 27.DEC.2024 19:19:18

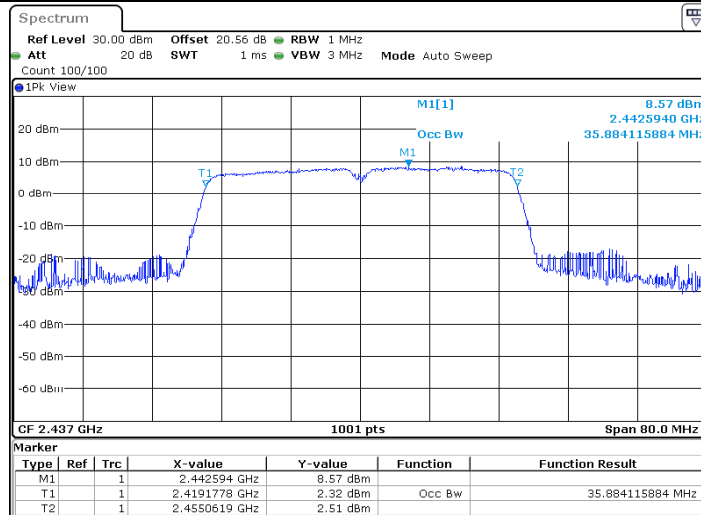
11N40SiSO_Ant1_2422



ProjectNo.:2401W92117E-RFTester:Tom.Tan

Date: 27.DEC.2024 19:20:51

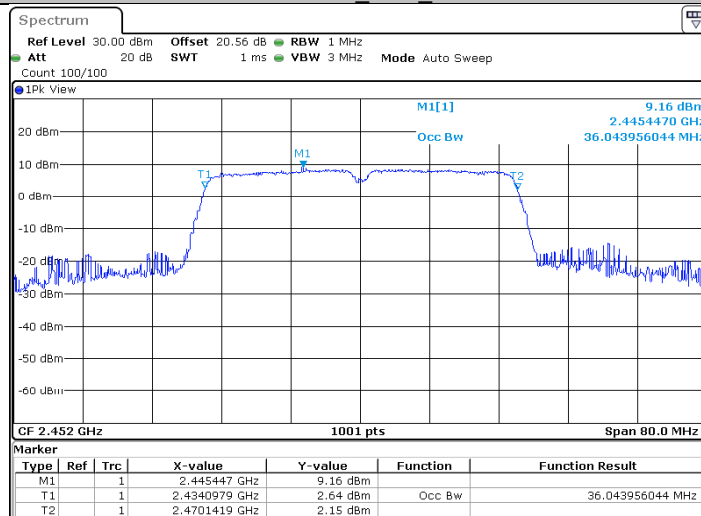
11N40SiSO_Ant1_2437



ProjectNo.:2401W92117E-RFTester:Tom.Tan

Date: 27.DEC.2024 19:21:40

11N40SiSO_Ant1_2452



ProjectNo.:2401W92117E-RFTester:Tom.Tan

Date: 27.DEC.2024 19:22:28

Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	15.83	≤30.00	PASS
		2437	15.91	≤30.00	PASS
		2462	15.51	≤30.00	PASS
11G	Ant1	2412	22.95	≤30.00	PASS
		2437	23.48	≤30.00	PASS
		2462	23.14	≤30.00	PASS
11N20SISO	Ant1	2412	22.79	≤30.00	PASS
		2437	23.36	≤30.00	PASS
		2462	23.06	≤30.00	PASS
11N40SISO	Ant1	2422	21.32	≤30.00	PASS
		2437	21.29	≤30.00	PASS
		2452	22.07	≤30.00	PASS

Test Result Average

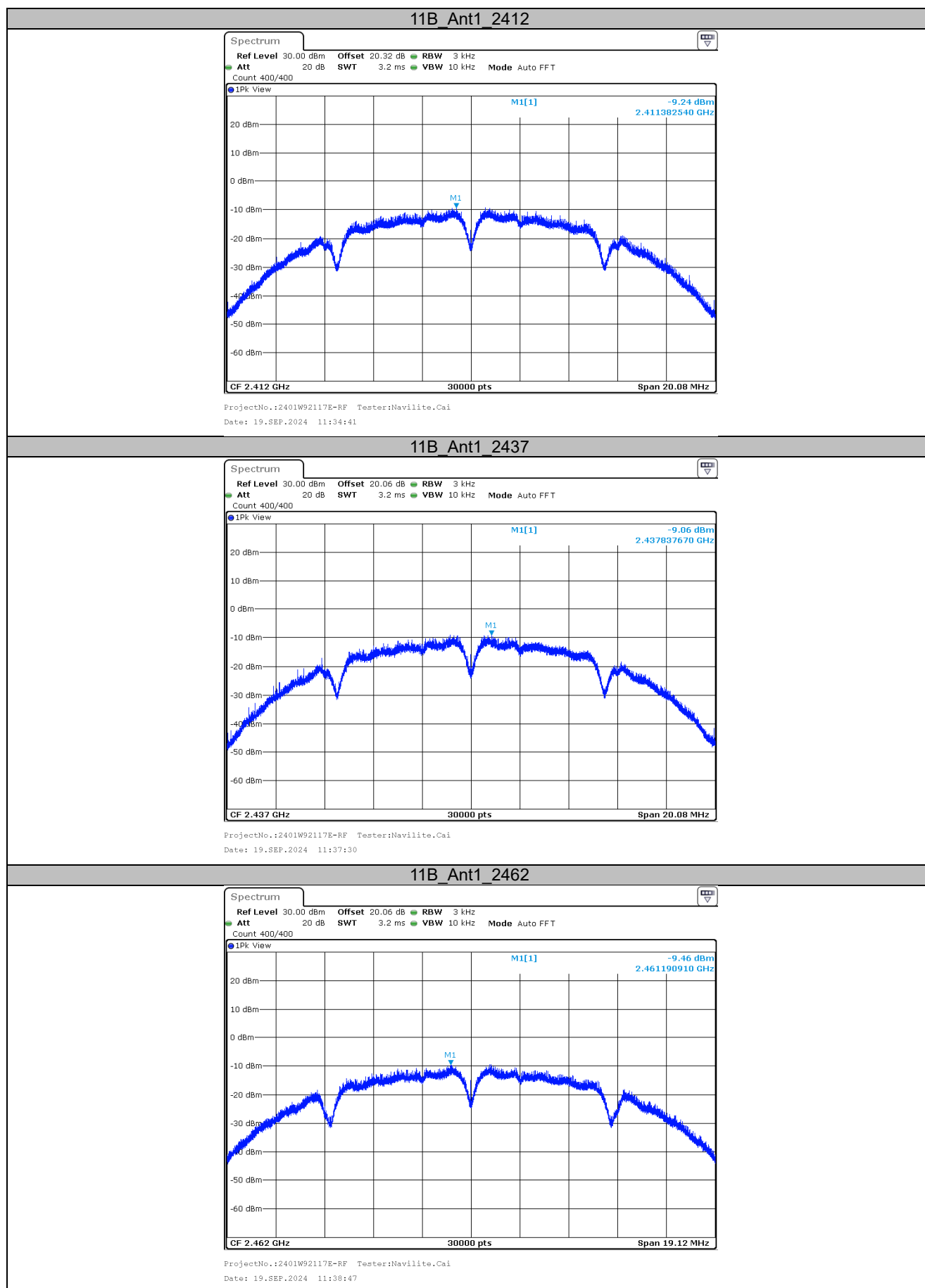
Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	12.56	≤30.00	PASS
		2437	12.87	≤30.00	PASS
		2462	12.52	≤30.00	PASS
11G	Ant1	2412	16.36	≤30.00	PASS
		2437	16.58	≤30.00	PASS
		2462	16.36	≤30.00	PASS
11N20SISO	Ant1	2412	16.49	≤30.00	PASS
		2437	16.92	≤30.00	PASS
		2462	16.47	≤30.00	PASS
11N40SISO	Ant1	2422	13.95	≤30.00	PASS
		2437	13.89	≤30.00	PASS
		2452	14.63	≤30.00	PASS

Maximum power spectral density

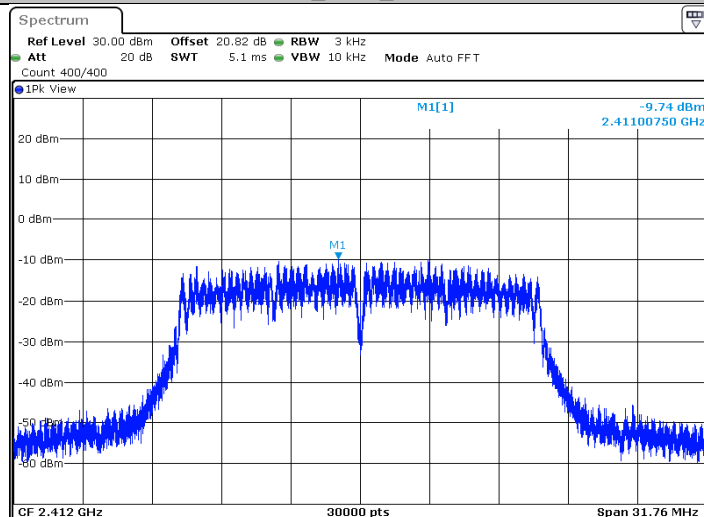
Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.24	≤8.00	PASS
		2437	-9.06	≤8.00	PASS
		2462	-9.46	≤8.00	PASS
11G	Ant1	2412	-9.74	≤8.00	PASS
		2437	-8.72	≤8.00	PASS
		2462	-7.89	≤8.00	PASS
11N20SISO	Ant1	2412	-9.72	≤8.00	PASS
		2437	-8.54	≤8.00	PASS
		2462	-8.84	≤8.00	PASS
11N40SISO	Ant1	2422	-13.92	≤8.00	PASS
		2437	-13.69	≤8.00	PASS
		2452	-12.79	≤8.00	PASS

Test Graphs

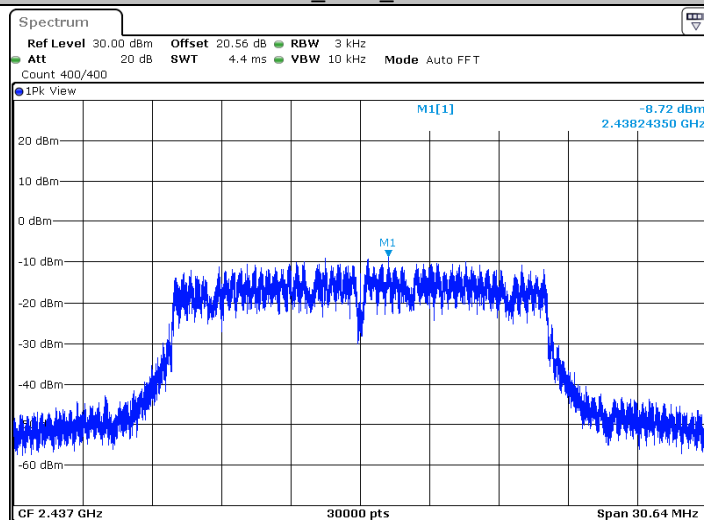


11G_Ant1_2412



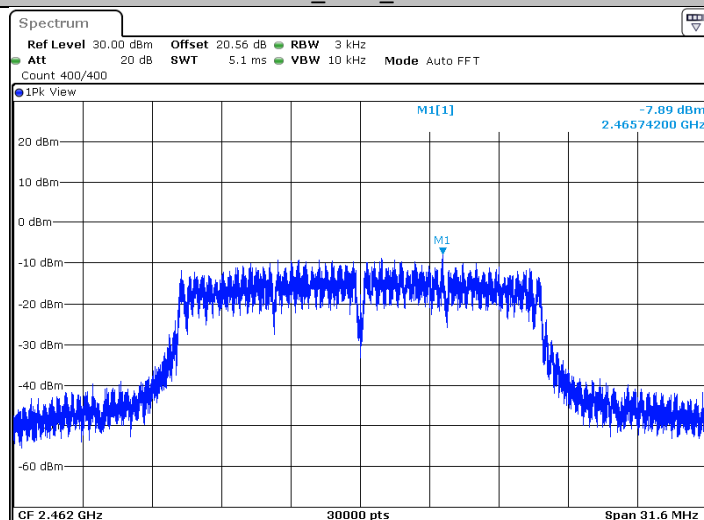
ProjectNo.:2401W92117E-RFTester:Tom.Tan
Date: 27.DEC.2024 19:29:37

11G_Ant1_2437



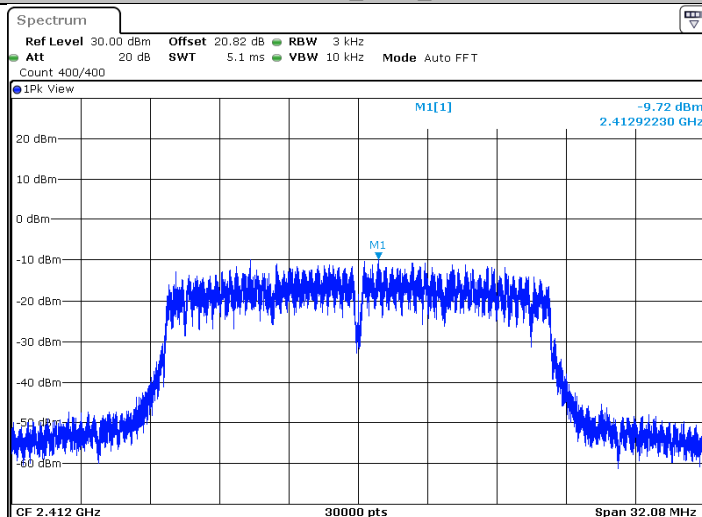
ProjectNo.:2401W92117E-RFTester:Tom.Tan
Date: 27.DEC.2024 19:30:38

11G_Ant1_2462



ProjectNo.:2401W92117E-RFTester:Tom.Tan
Date: 27.DEC.2024 19:31:12

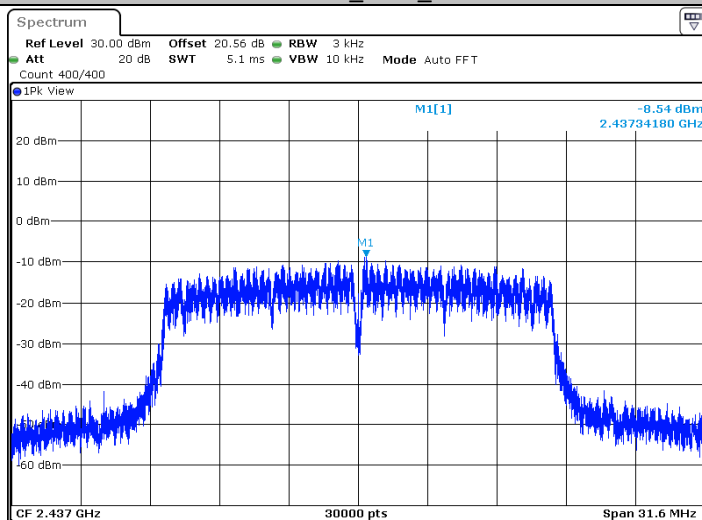
11N20SISO_Ant1_2412



ProjectNo.:2401W92117E-RFTester:Tom.Tan

Date: 27.DEC.2024 19:31:52

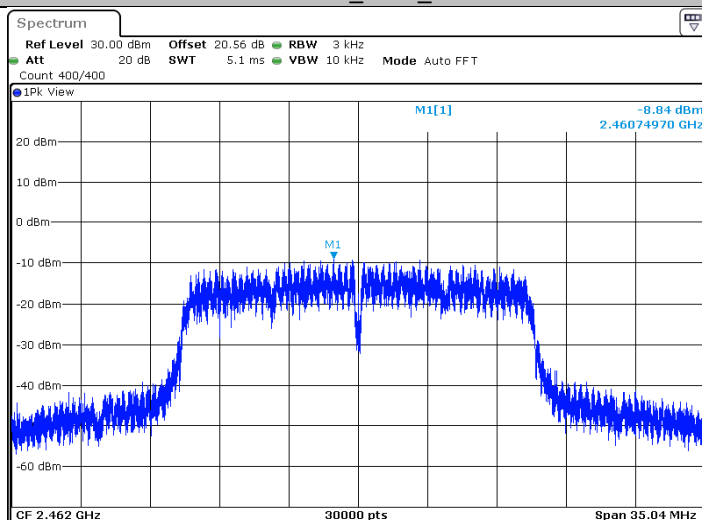
11N20SISO_Ant1_2437



ProjectNo.:2401W92117E-RFTester:Tom.Tan

Date: 27.DEC.2024 19:32:33

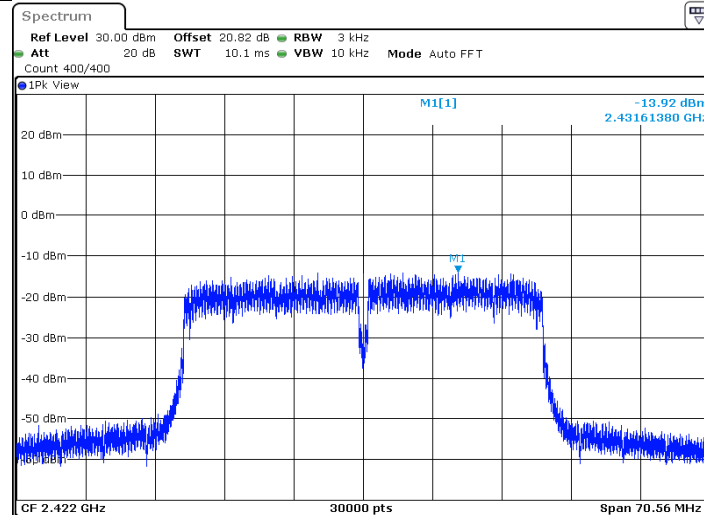
11N20SISO_Ant1_2462



ProjectNo.:2401W92117E-RFTester:Tom.Tan

Date: 27.DEC.2024 19:33:05

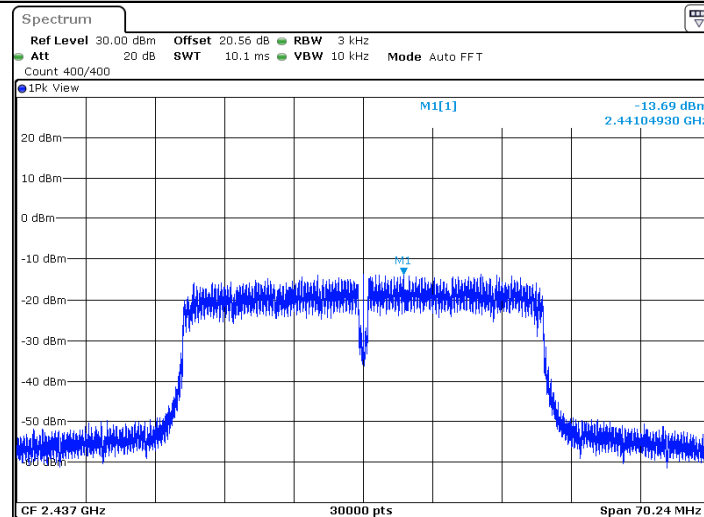
11N40SISO_Ant1_2422



ProjectNo.:2401W92117E-RFTester:Tom.Tan

Date: 27.DEC.2024 19:33:47

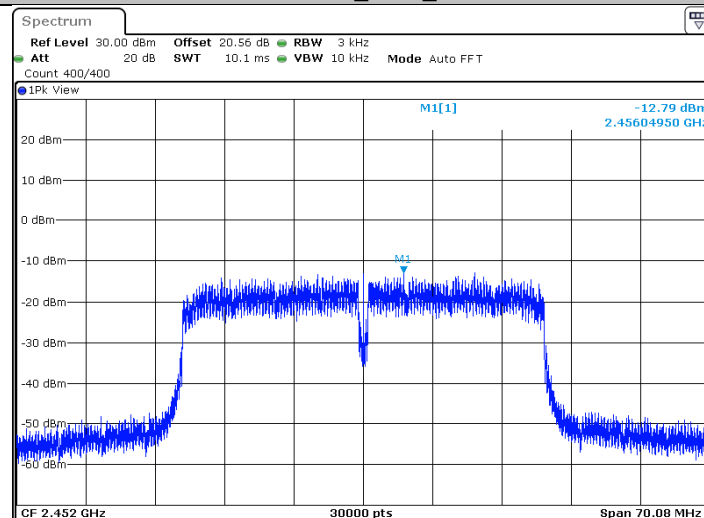
11N40SISO_Ant1_2437



ProjectNo.:2401W92117E-RFTester:Tom.Tan

Date: 27.DEC.2024 19:34:23

11N40SISO_Ant1_2452

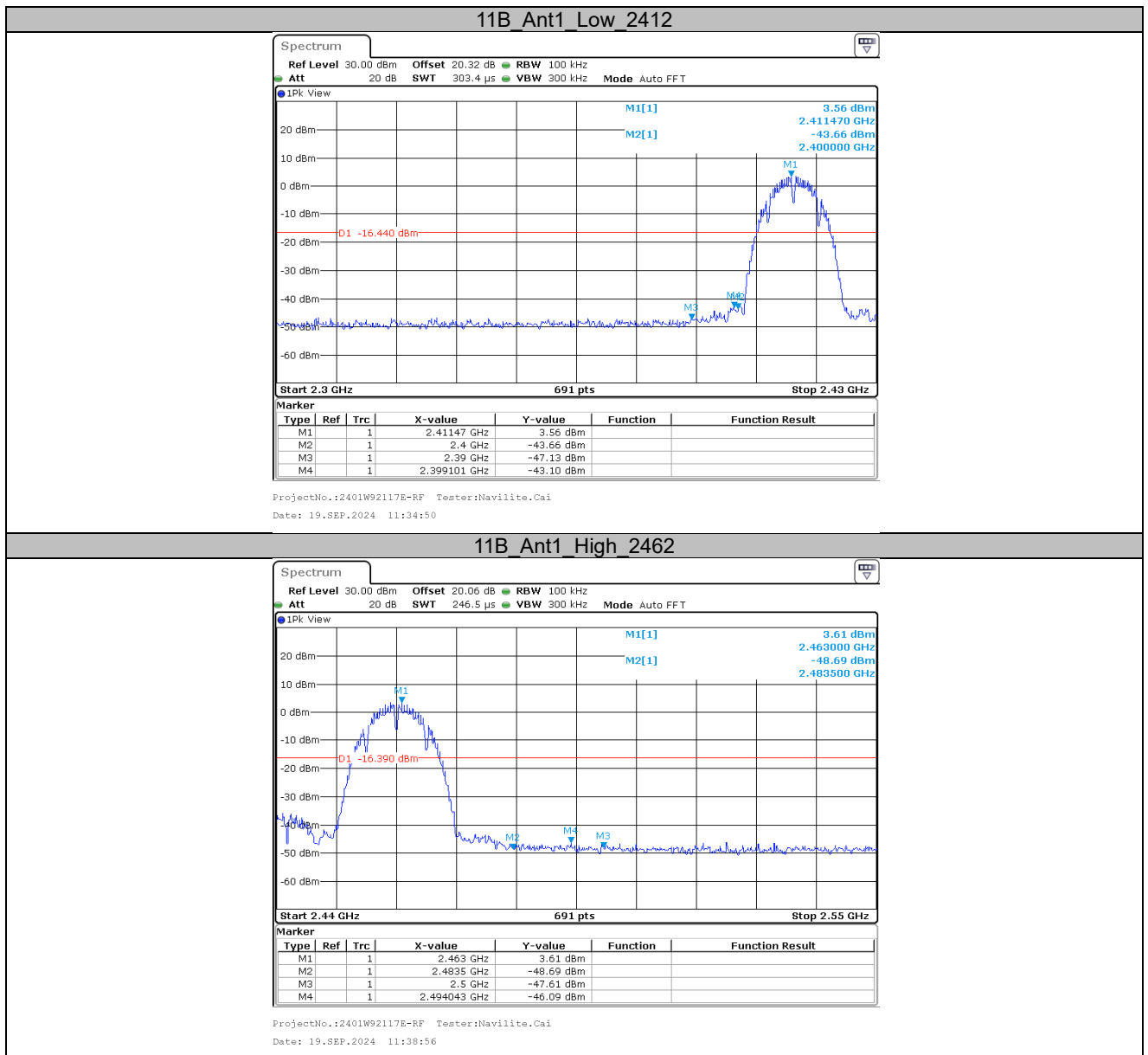


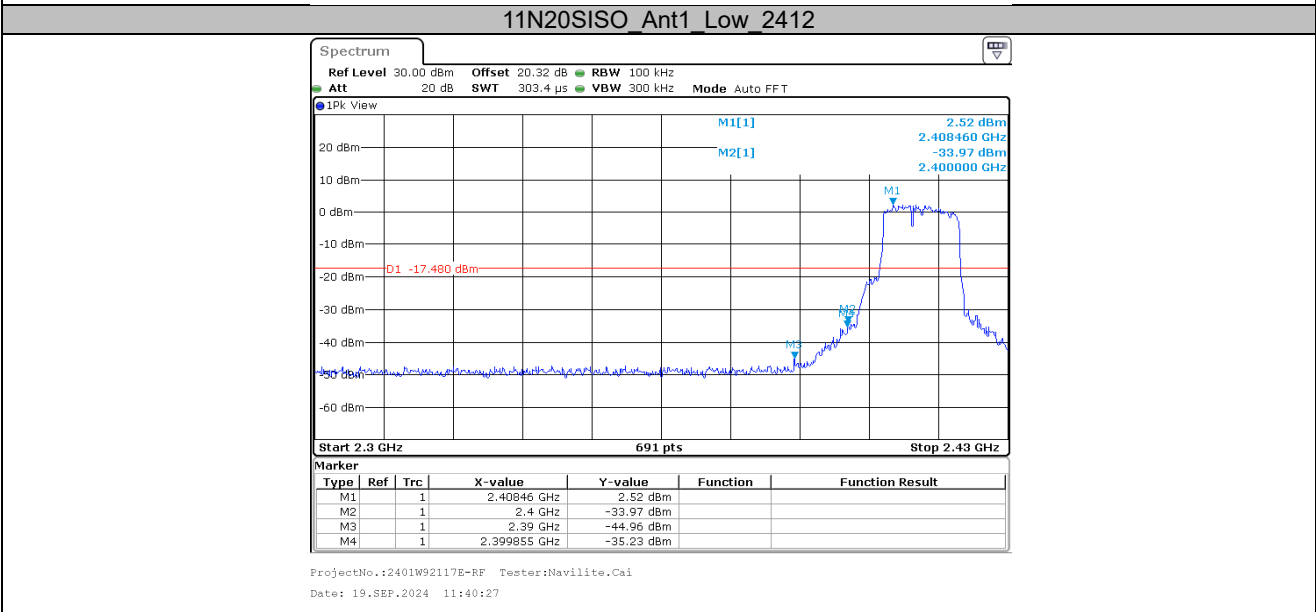
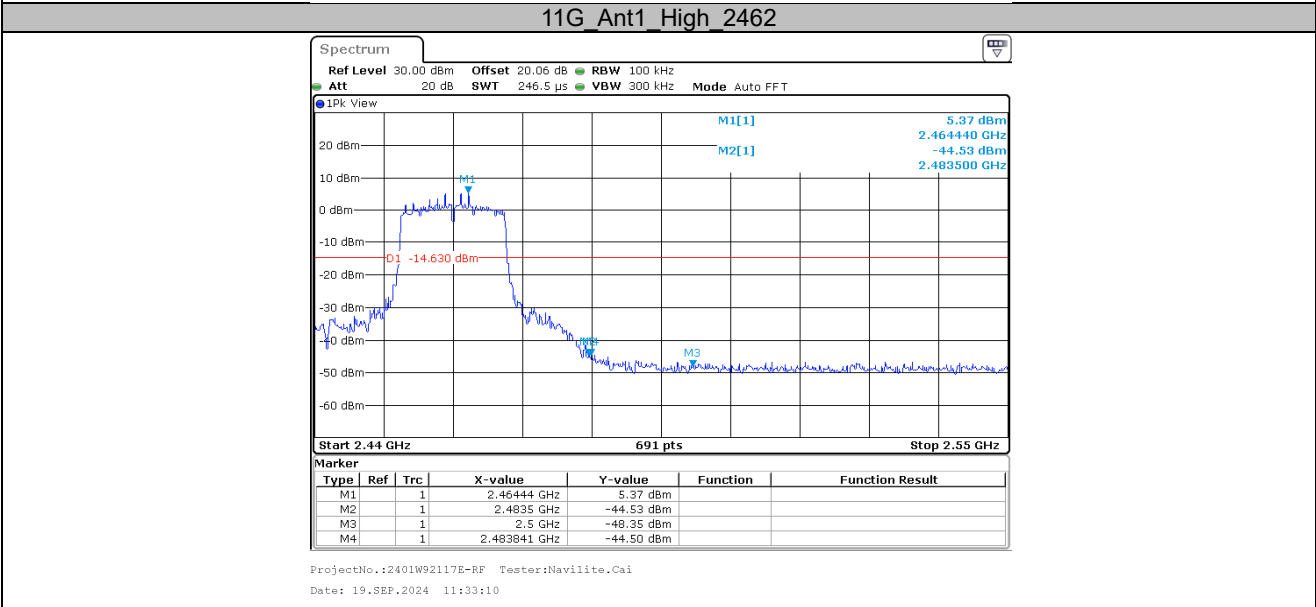
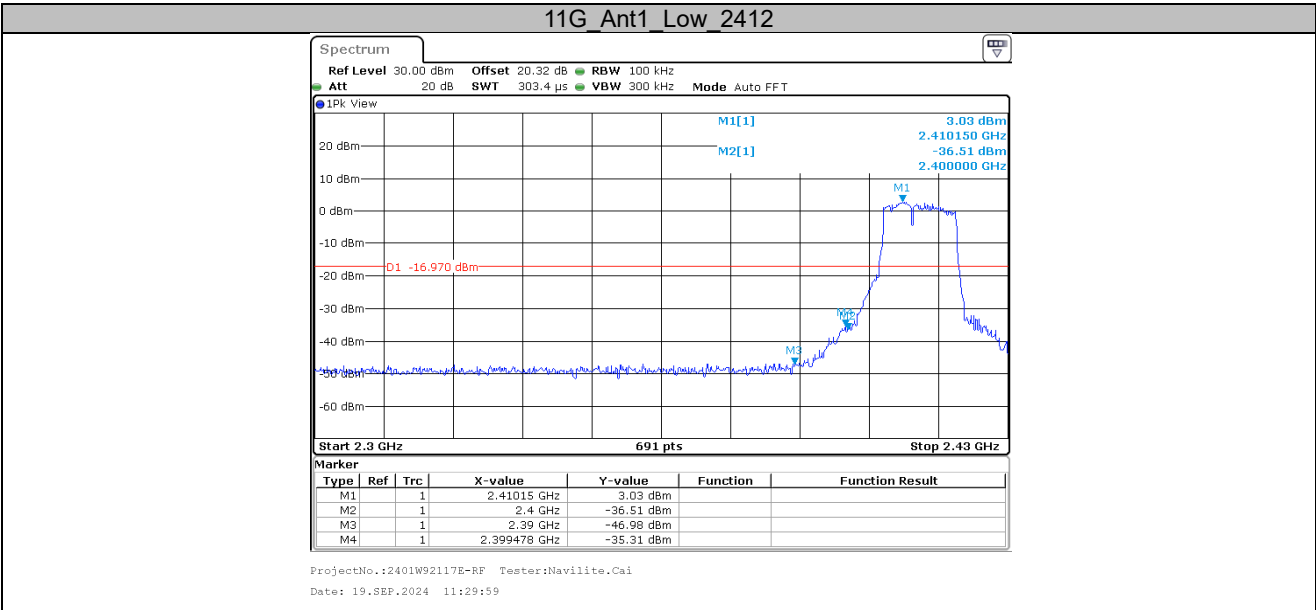
ProjectNo.:2401W92117E-RFTester:Tom.Tan

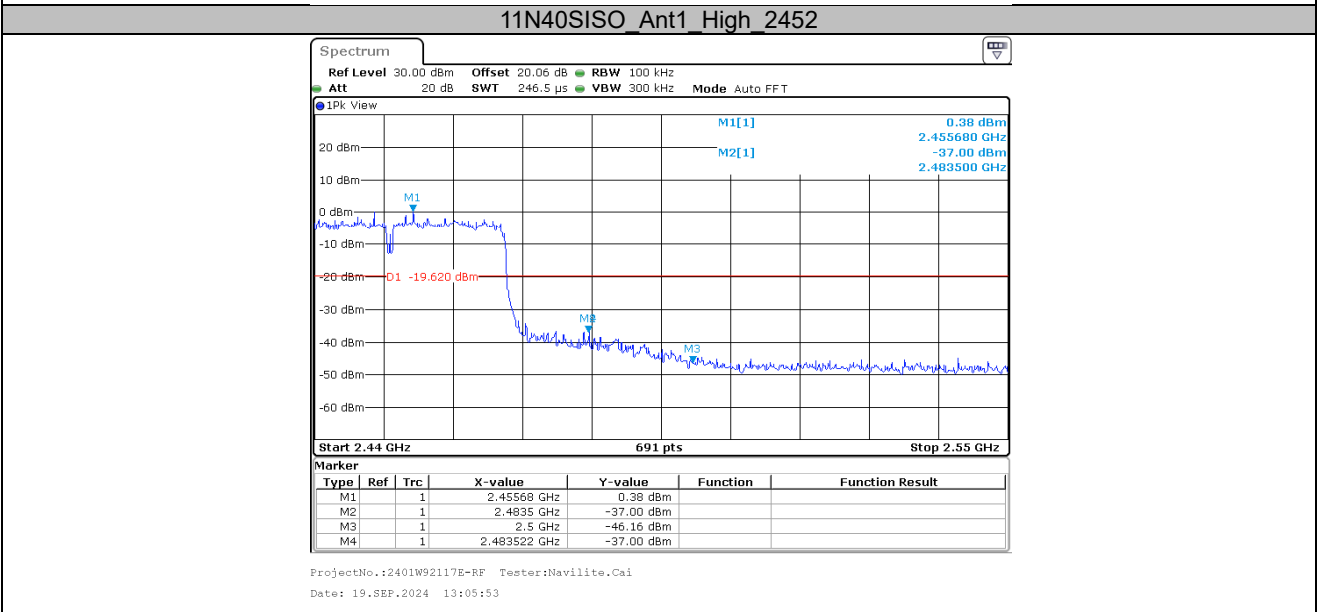
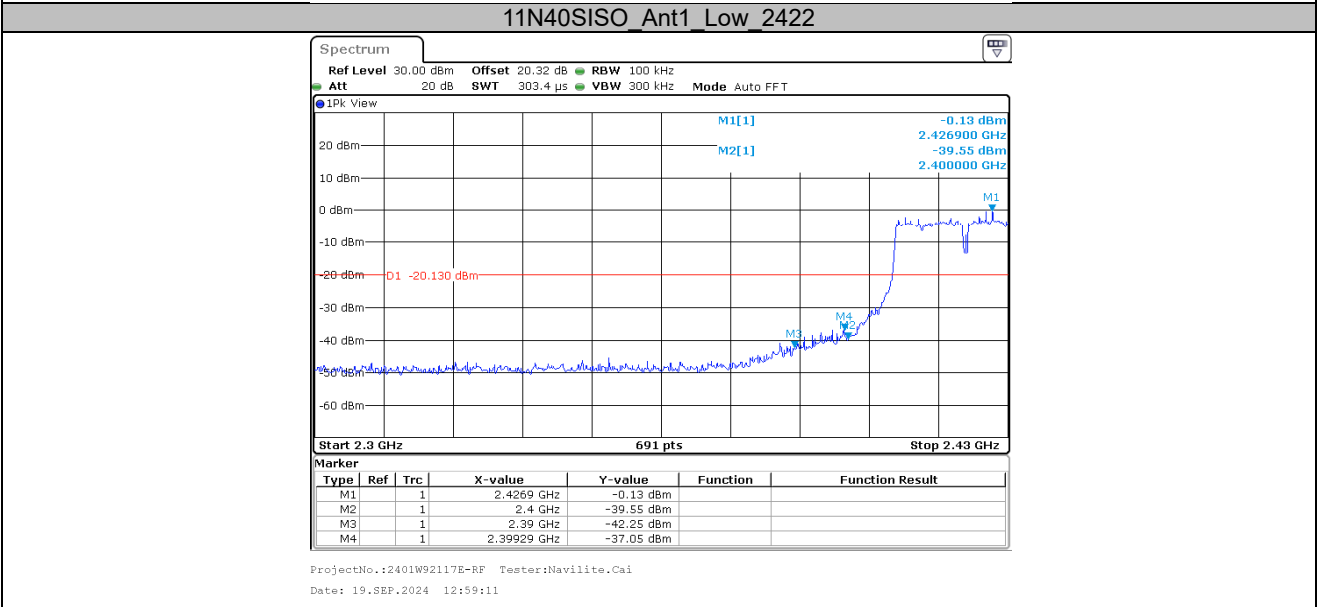
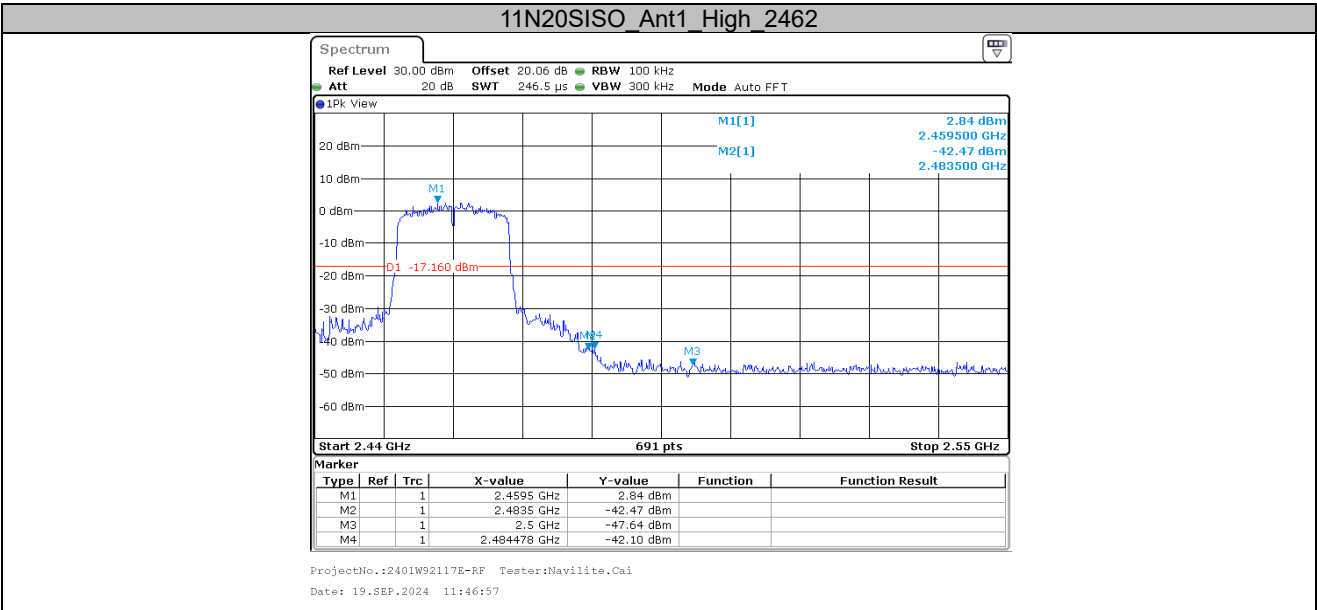
Date: 27.DEC.2024 19:35:07

Band edge measurements

Test Graphs





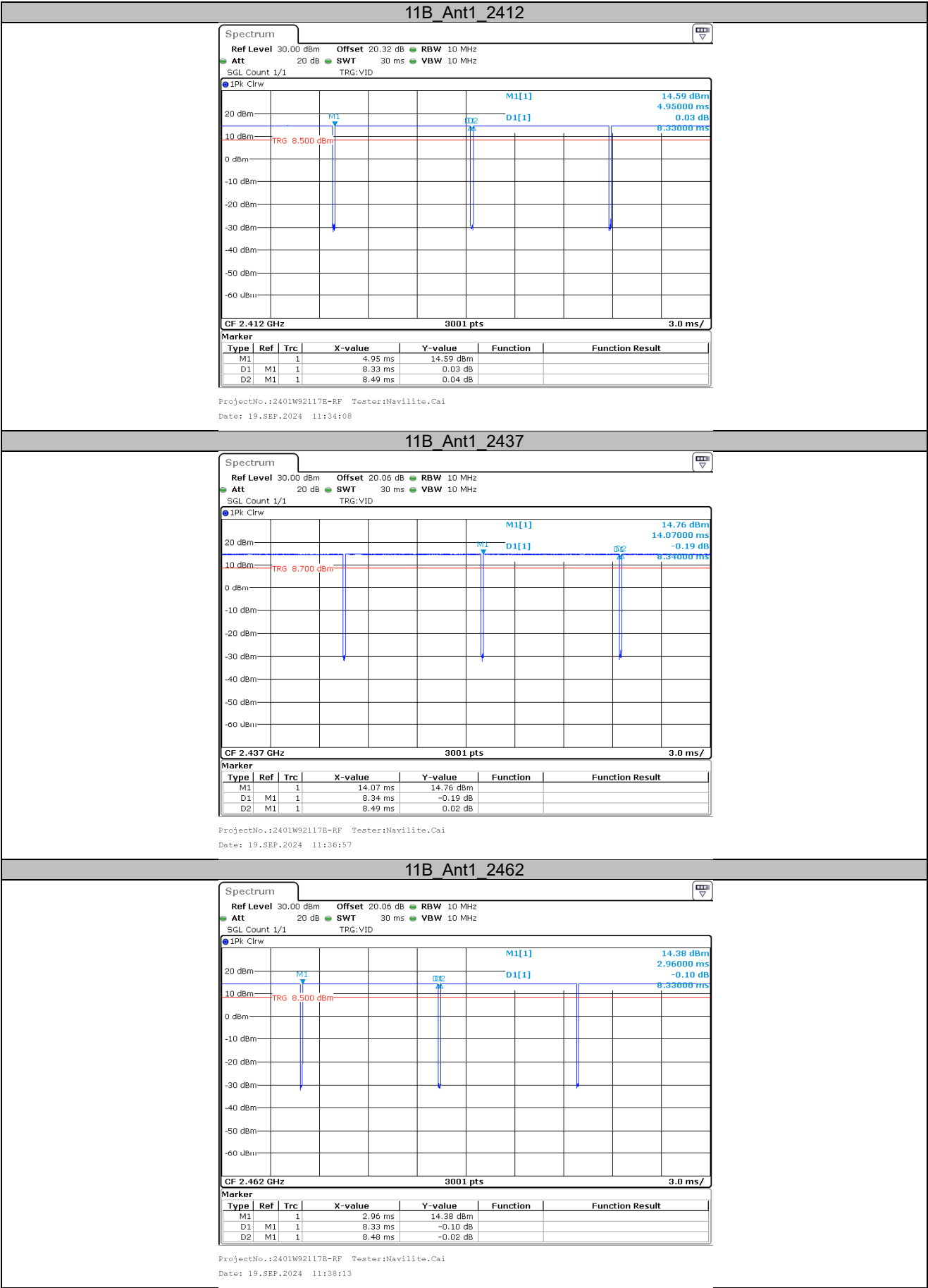


Duty Cycle

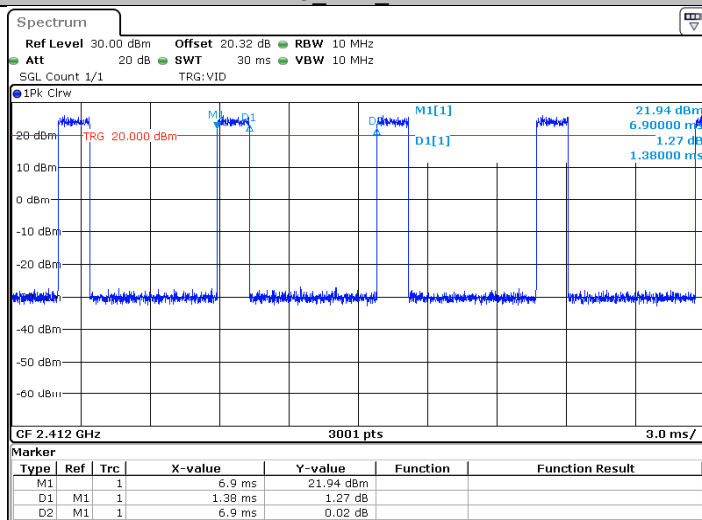
Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor[dB]	1/T[Hz]	VBW Setting[KHz]
11B	Ant1	2412	8.33	8.49	98.12	/	10	0.01
		2437	8.34	8.49	98.23	/	10	0.01
		2462	8.33	8.48	98.23	/	10	0.01
11G	Ant1	2412	1.38	6.90	20.00	6.99	725	1.0
		2437	1.38	6.90	20.00	6.99	725	1.0
		2462	1.38	6.90	20.00	6.99	725	1.0
11N20SISO	Ant1	2412	1.29	6.45	20.00	6.99	775	1.0
		2437	1.29	6.46	19.97	7.00	775	1.0
		2462	1.29	6.45	20.00	6.99	775	1.0
11N40SISO	Ant1	2422	2.46	5.13	47.95	3.19	407	0.5
		2437	2.46	5.14	47.86	3.20	407	0.5
		2452	2.46	5.13	47.95	3.19	407	0.5

Test Graphs



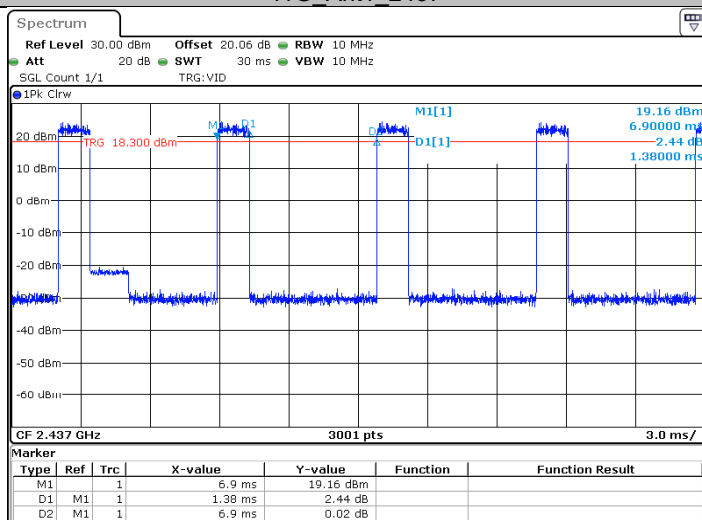
11G_Ant1_2412



ProjectNo.:2401W92117E-RF Tester:Navillite.Cai

Date: 19.SEP.2024 11:28:30

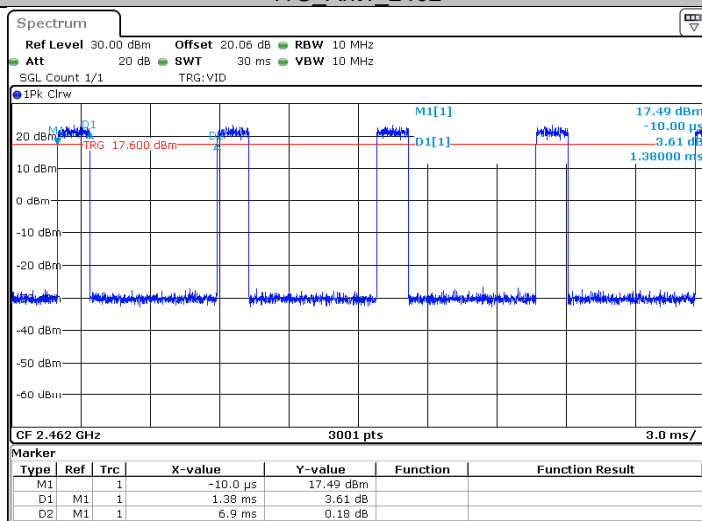
11G_Ant1_2437



ProjectNo.:2401W92117E-RF Tester:Navillite.Cai

Date: 19.SEP.2024 11:30:57

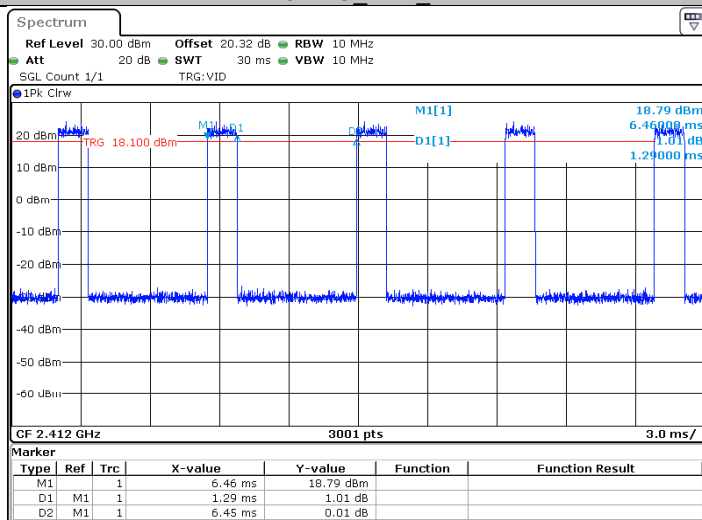
11G_Ant1_2462



ProjectNo.:2401W92117E-RF Tester:Navillite.Cai

Date: 19.SEP.2024 11:32:27

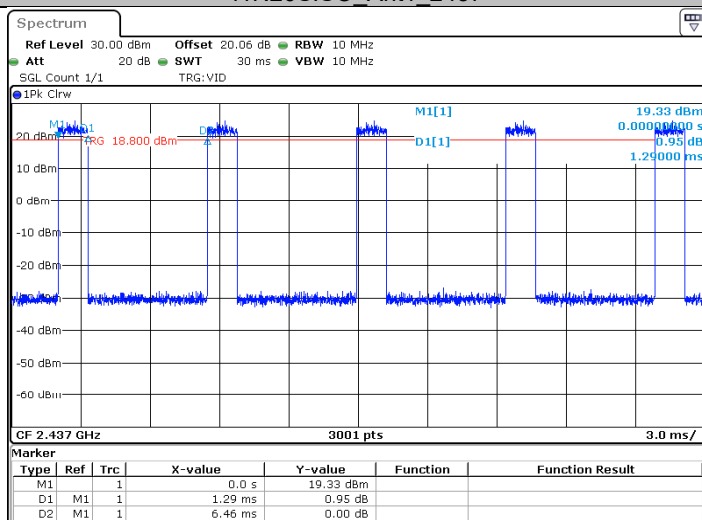
11N20SISO_Ant1_2412



ProjectNo.:2401W92117E-RF Tester:Navillite.Cai

Date: 19.SEP.2024 11:39:44

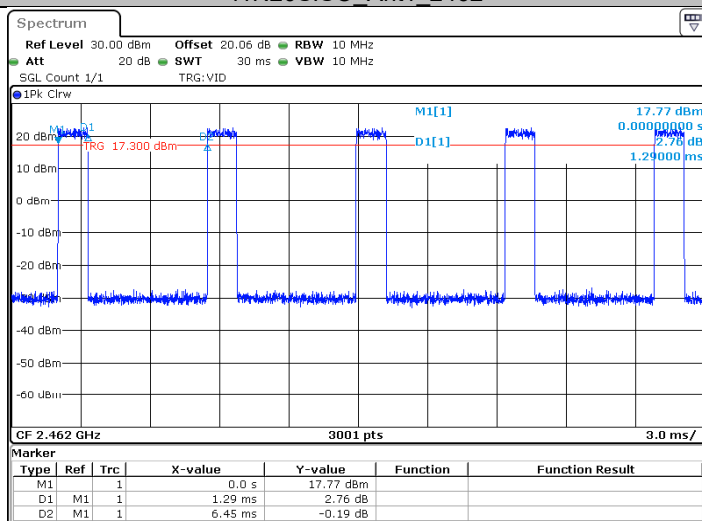
11N20SISO_Ant1_2437



ProjectNo.:2401W92117E-RF Tester:Navillite.Cai

Date: 19.SEP.2024 11:43:34

11N20SISO_Ant1_2462



ProjectNo.:2401W92117E-RF Tester:Navillite.Cai

Date: 19.SEP.2024 11:46:15

