

A.3: RF Conducted

Test Information:

Sample No.:	3EJD-2	Test Date:	2025/12/30~2026/03/02
Test Site:	RF	Test Mode:	Transmitting
Tester:	Benny Li	Test Result:	Pass

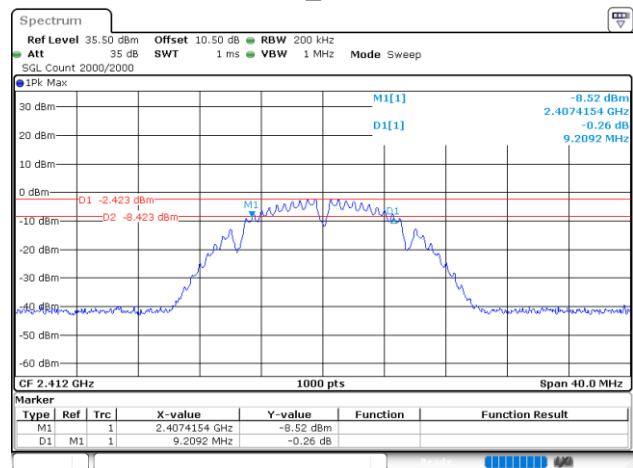
Environmental Conditions:

Temperature: (°C)	19.5~24.2	Relative Humidity: (%)	48~60	ATM Pressure: (kPa)	100.4~101.9
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A.3.1.1: 6dB Emission Bandwidth

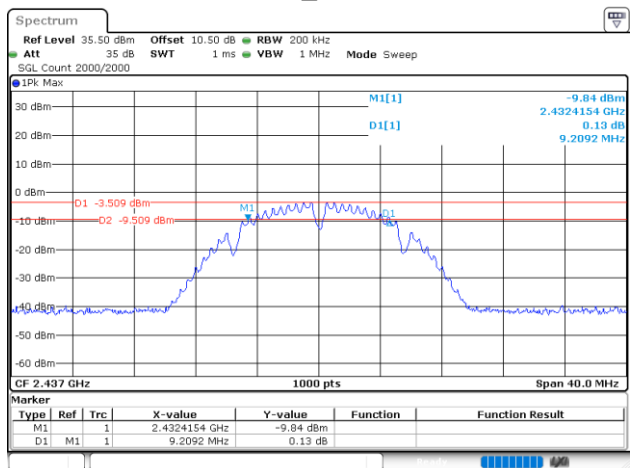
Mode	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11b	2412	9.209	≥0.5	Pass
	2437	9.209	≥0.5	Pass
	2462	9.209	≥0.5	Pass
802.11g	2412	17.498	≥0.5	Pass
	2437	17.498	≥0.5	Pass
	2462	17.458	≥0.5	Pass
802.11n20	2412	17.498	≥0.5	Pass
	2437	17.618	≥0.5	Pass
	2462	17.498	≥0.5	Pass
802.11n40	2422	36.597	≥0.5	Pass
	2437	36.436	≥0.5	Pass
	2452	36.517	≥0.5	Pass
802.11ax20_RU_Full	2412	19.019	≥0.5	Pass
	2437	19.059	≥0.5	Pass
	2462	18.819	≥0.5	Pass
802.11ax40_RU_Full	2422	38.118	≥0.5	Pass
	2437	38.038	≥0.5	Pass
	2452	38.038	≥0.5	Pass

802.11b_2412MHz



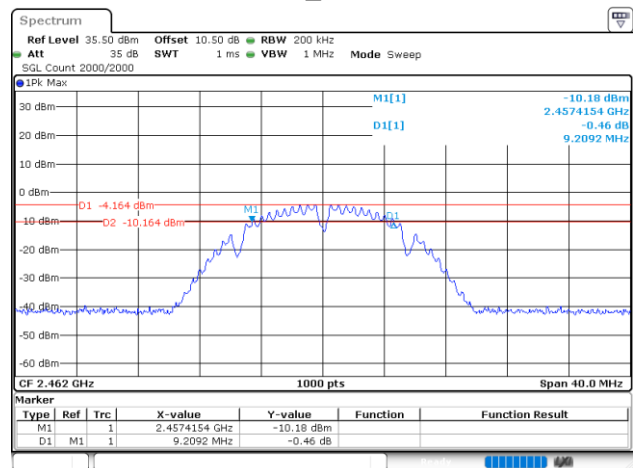
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 15:57:54

802.11b_2437MHz



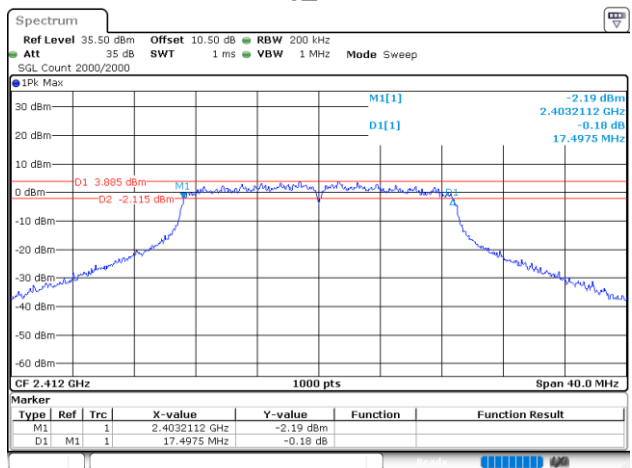
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 15:59:52

802.11b_2462MHz



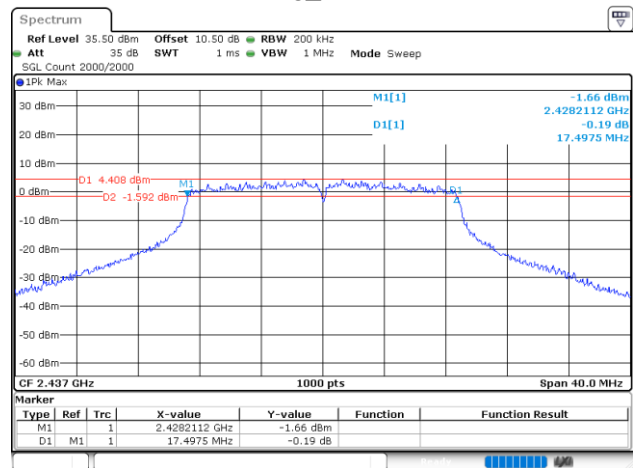
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Date: 3.JAN.2026 16:02:32

802.11g_2412MHz



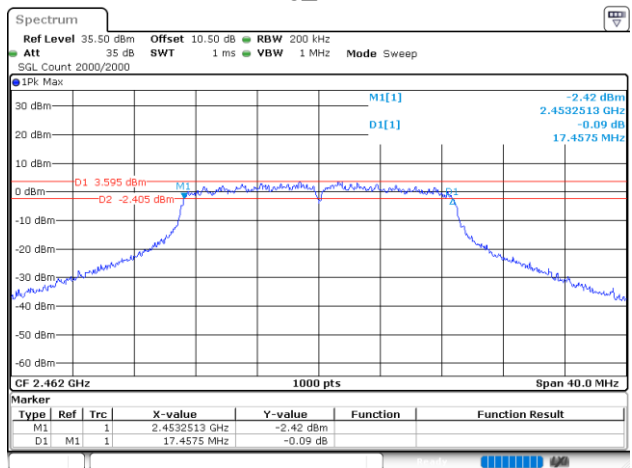
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 14:10:28

802.11g_2437MHz



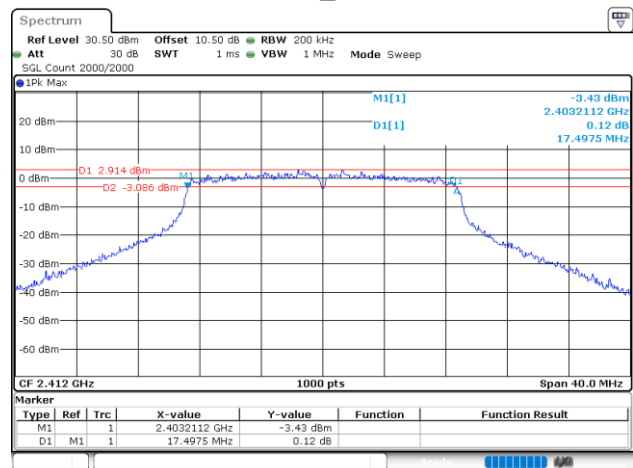
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 14:13:23

802.11g_2462MHz



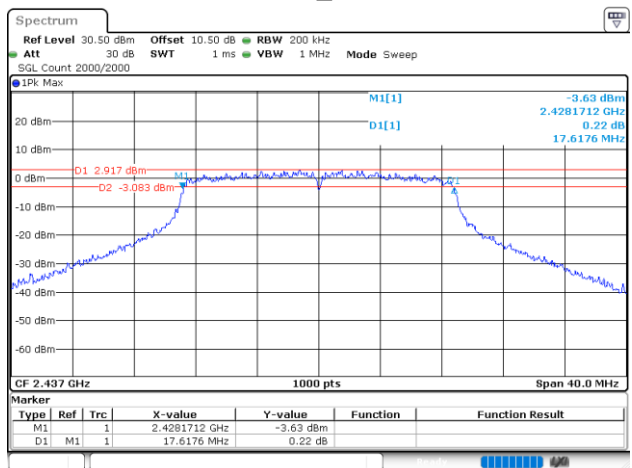
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Date: 3.JAN.2026 14:15:22

802.11n20_2412MHz



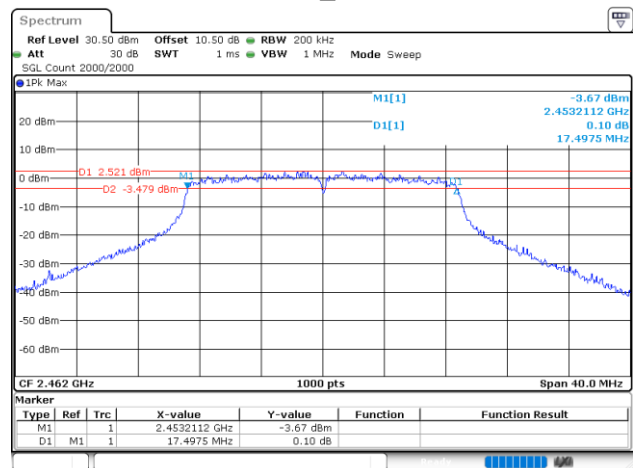
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802.11n20_2437MHz



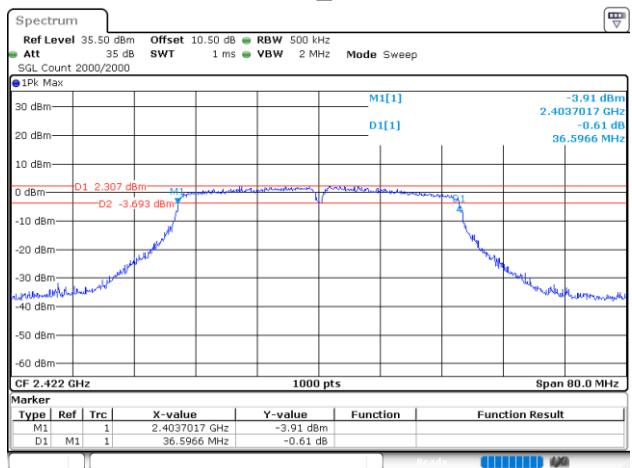
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Date: 3.JAN.2026 14:26:13

802.11n20_2462MHz



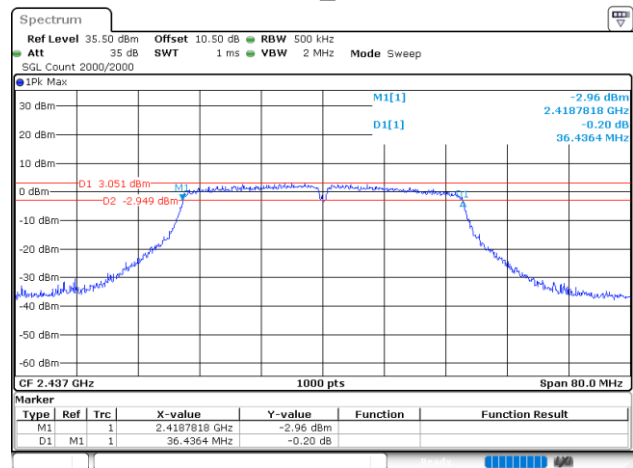
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Date: 3.JAN.2026 14:28:23

802.11n40_2422MHz



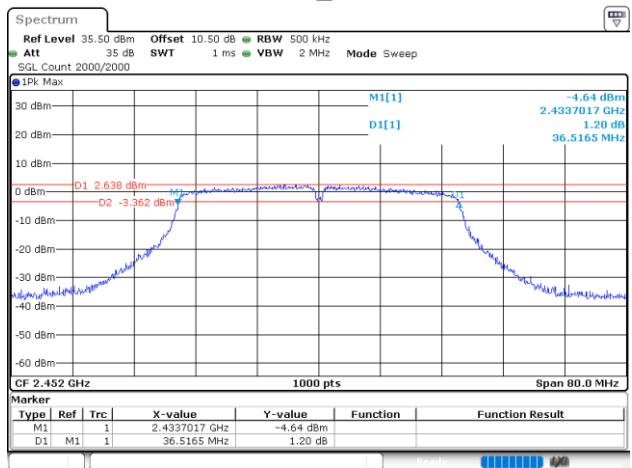
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Date: 3.JAN.2026 14:42:16

802.11n40_2437MHz



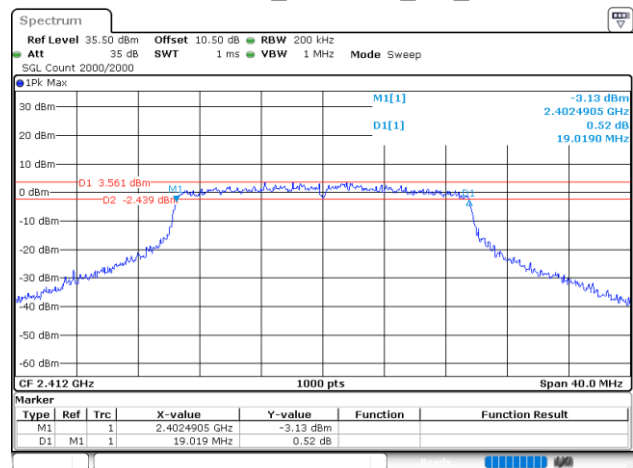
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Date: 3.JAN.2026 14:45:32

802.11n40_2452MHz



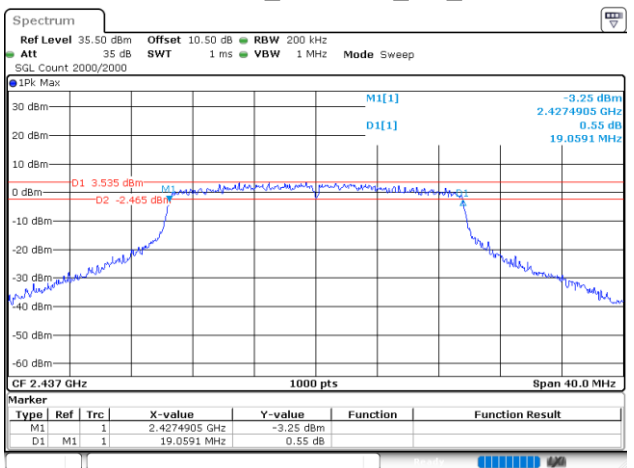
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Date: 3.JAN.2026 14:48:09

802.11ax20_2412MHz_RU_Full



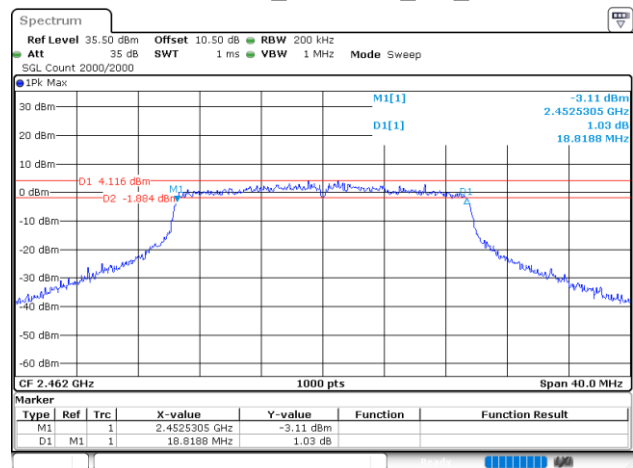
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Date: 3.JAN.2026 15:13:42

802.11ax20_2437MHz_RU_Full



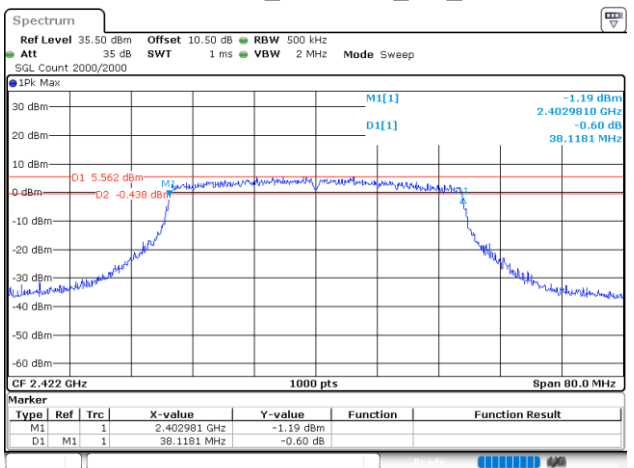
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802.11ax20_2462MHz_RU_Full



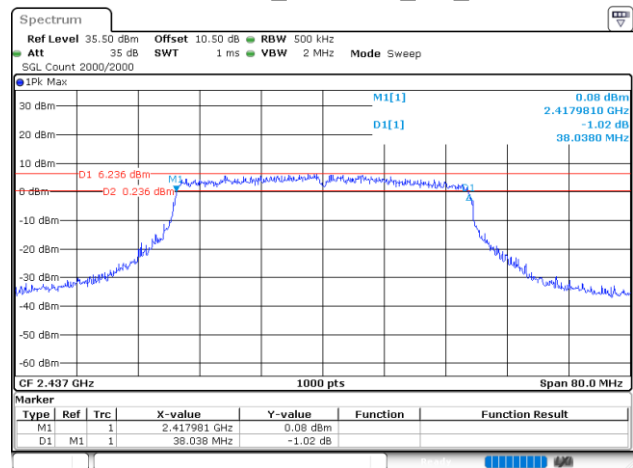
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Date: 3.JAN.2026 15:17:48

802.11ax40_2422MHz_RU_Full



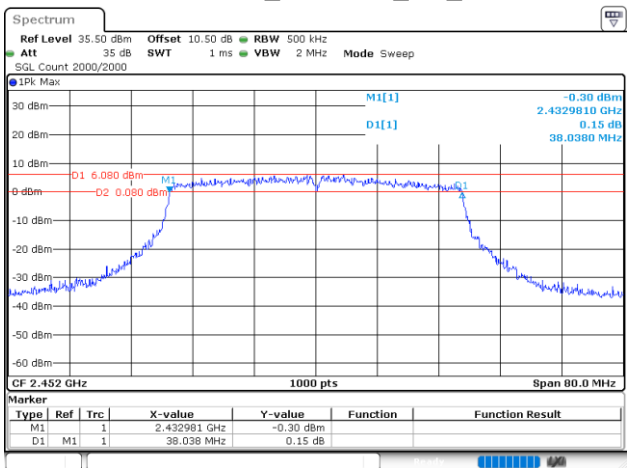
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 15:19:17

802.11ax40_2437MHz_RU_Full



ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 15:21:38

802.11ax40_2452MHz_RU_Full

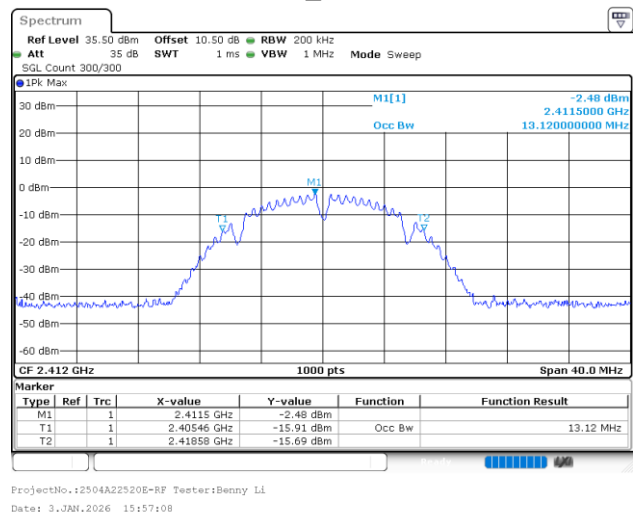


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Date: 3.JAN.2026 15:29:39

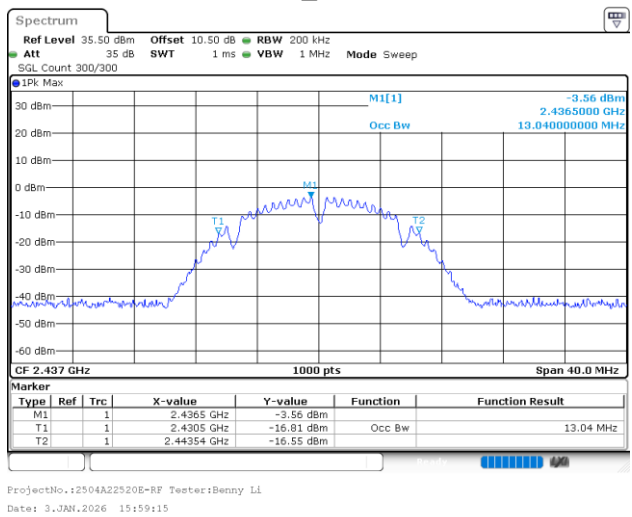
A.3.1.2: 99% Occupied Bandwidth

Mode	Test Frequency (MHz)	99% OBW (MHz)
802.11b	2412	13.120
	2437	13.040
	2462	13.080
802.11g	2412	17.800
	2437	17.800
	2462	17.800
802.11n20	2412	17.840
	2437	17.840
	2462	17.840
802.11n40	2422	36.560
	2437	36.640
	2452	36.560
802.11ax20_RU_Full	2412	19.000
	2437	19.040
	2462	18.960
802.11ax40_RU_Full	2422	38.000
	2437	38.000
	2452	38.000

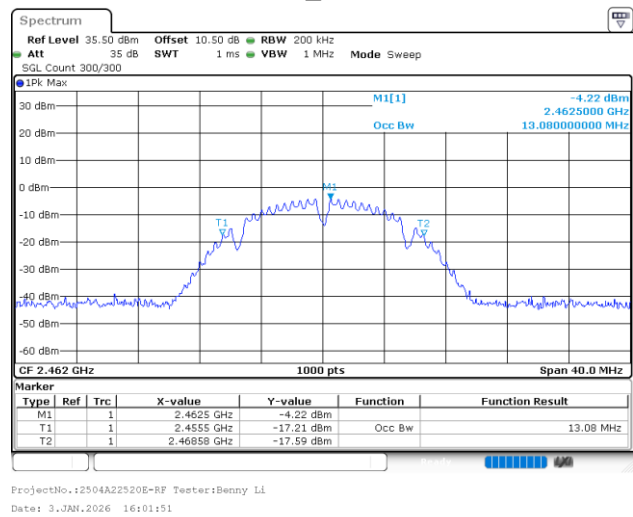
802.11b_2412MHz



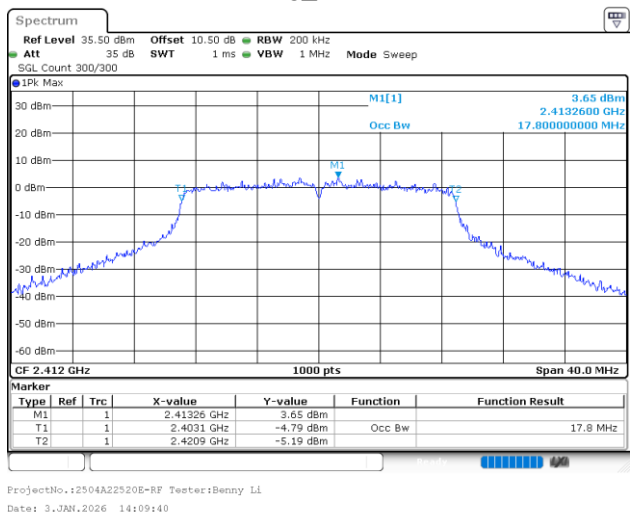
802.11b_2437MHz



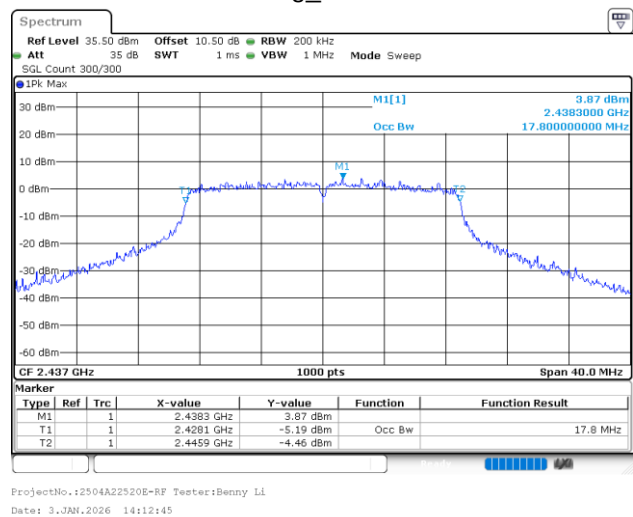
802.11b_2462MHz



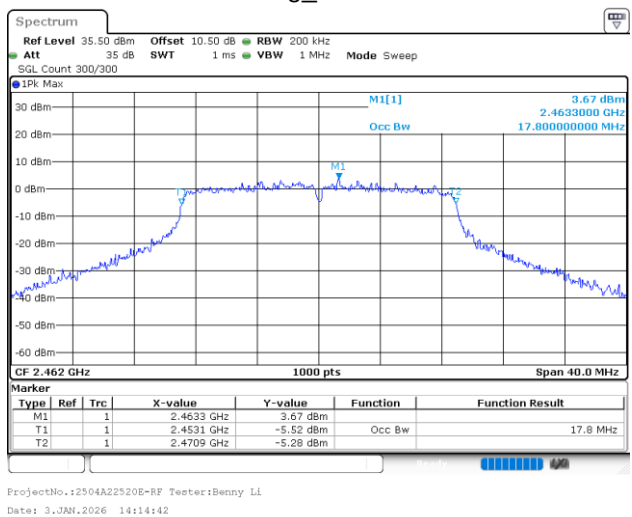
802.11g_2412MHz



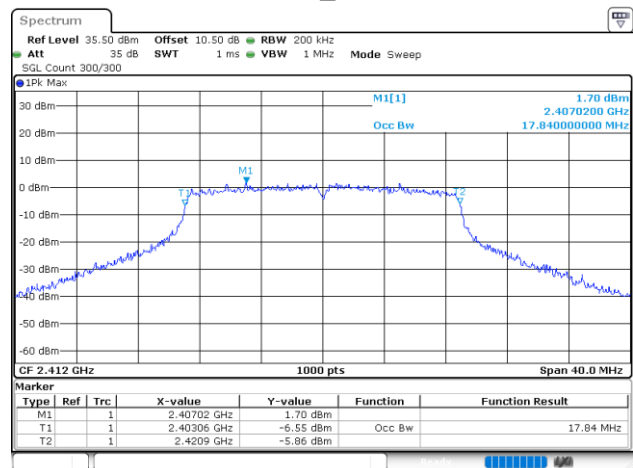
802.11g_2437MHz



802.11g_2462MHz

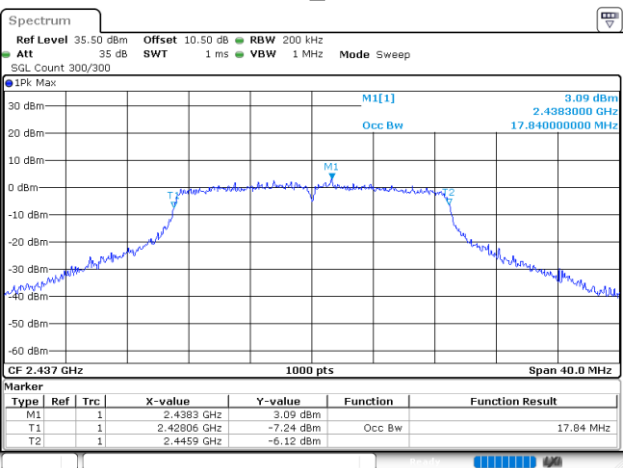


802.11n20_2412MHz



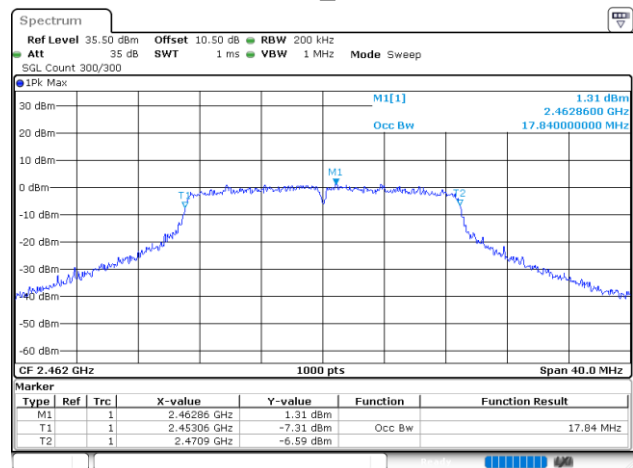
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 14:23:18

802.11n20_2437MHz



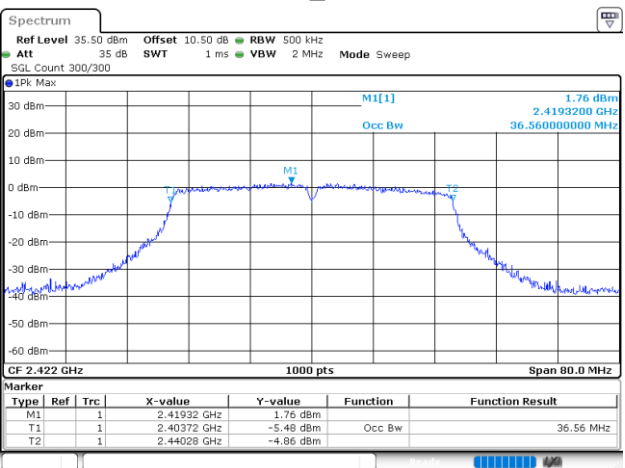
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 14:25:36

802.11n20_2462MHz



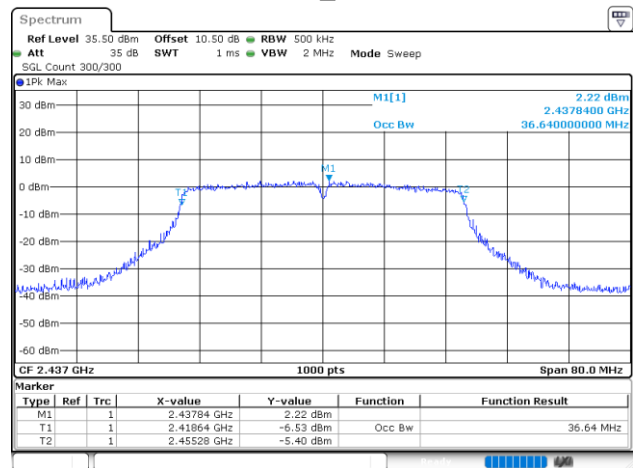
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 14:27:43

802.11n40_2422MHz



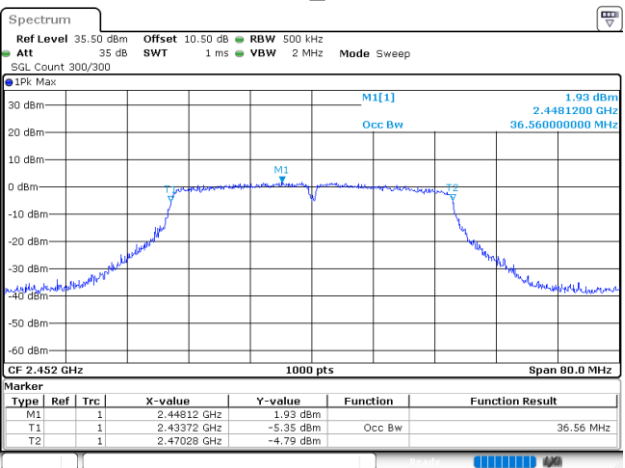
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 14:42:04

802.11n40_2437MHz



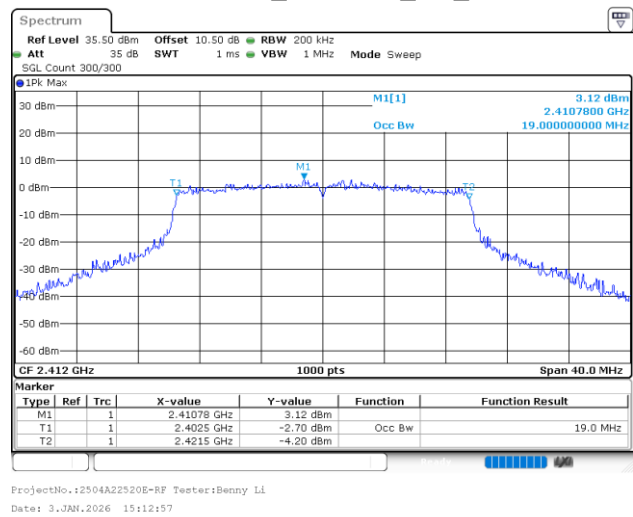
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 14:45:20

802.11n40_2452MHz

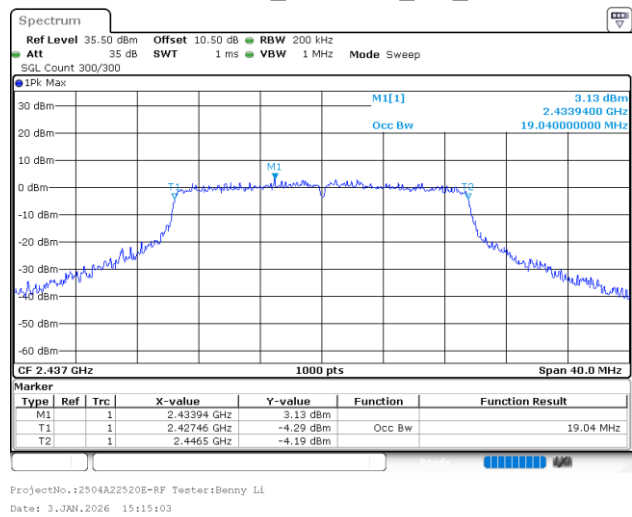


ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 14:47:57

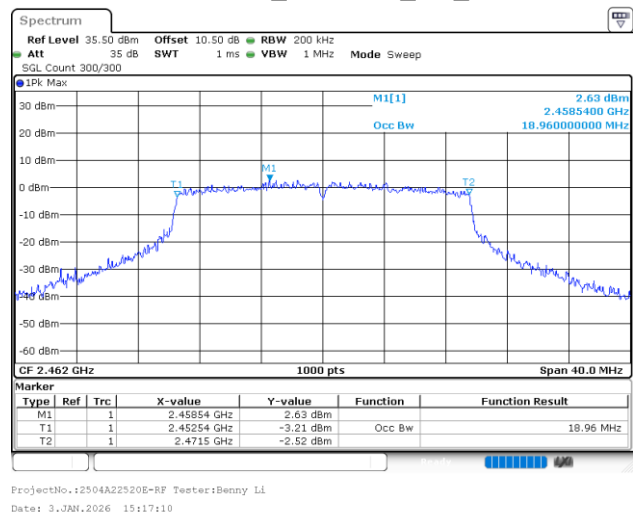
802.11ax20_2412MHz_RU_Full



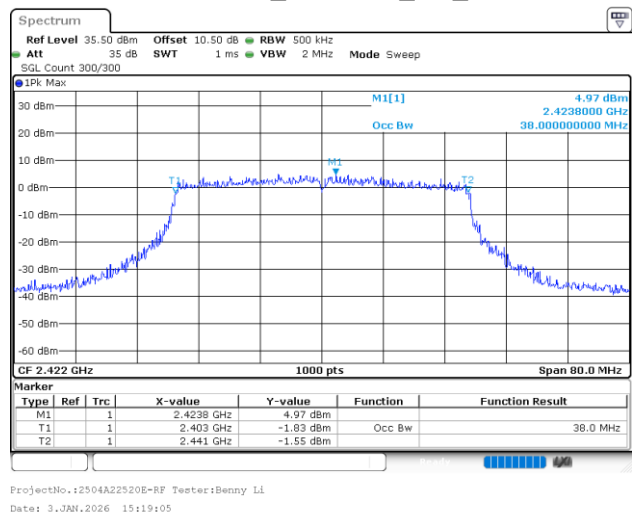
802.11ax20_2437MHz_RU_Full



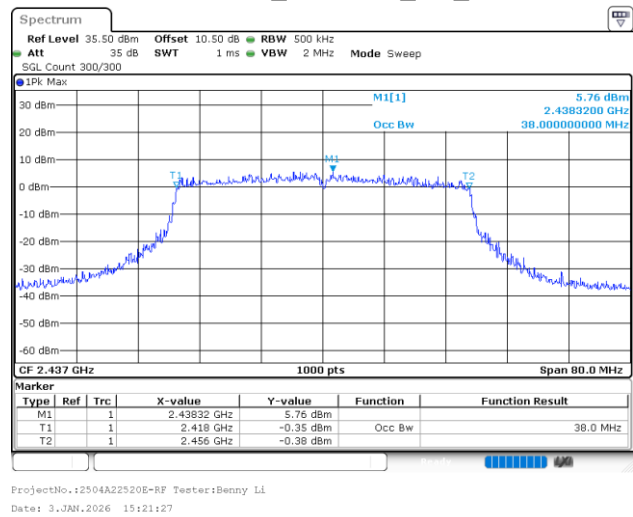
802.11ax20_2462MHz_RU_Full



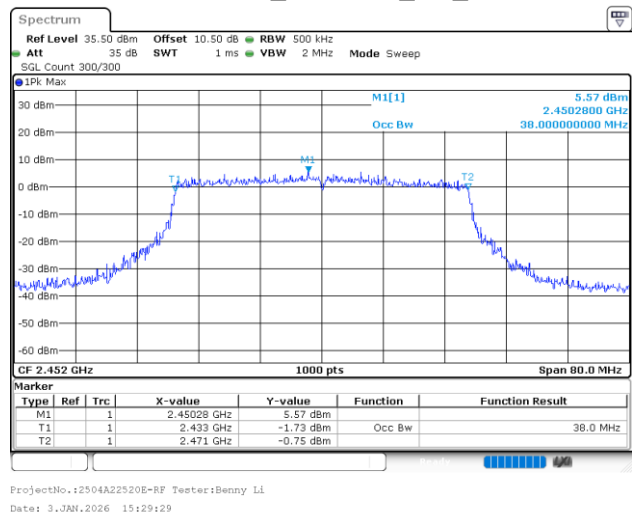
802.11ax40_2422MHz_RU_Full



802.11ax40_2437MHz_RU_Full



802.11ax40_2452MHz_RU_Full



A.3.2: Maximum Conducted Output Power

Mode	Test Frequency (MHz)	Peak Output Power(dBm)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11b	2412	7.64	4.94	30	Pass
	2437	6.89	4.08	30	Pass
	2462	6.41	3.58	30	Pass
802.11g	2412	22.28	11.16	30	Pass
	2437	22.05	10.85	30	Pass
	2462	22.13	10.92	30	Pass
802.11n20	2412	21.26	9.67	30	Pass
	2437	21.27	10.03	30	Pass
	2462	21.44	9.43	30	Pass
802.11n40	2422	19.45	8.39	30	Pass
	2437	20.07	9.01	30	Pass
	2452	20.25	8.64	30	Pass
802.11ax20_RU_Full	2412	20.83	9.49	30	Pass
	2437	21.27	9.86	30	Pass
	2462	21.28	9.31	30	Pass
802.11ax40_RU_Full	2422	20.78	9.26	30	Pass
	2437	21.30	9.82	30	Pass
	2452	21.08	9.51	30	Pass

Note 1: The Antenna gain is 2.54dBi[#]

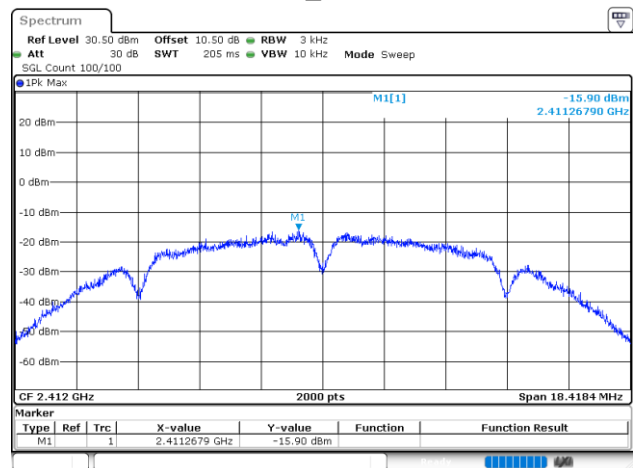
Note 2: EIRP= Output Power + Antenna Gain

Note 3: The maximum EIRP is 22.28dBm+2.54dBi=24.82dBm<36dBm, so it's compliance with ISED C EIRP limit.

A.3.3: Power Spectral Density

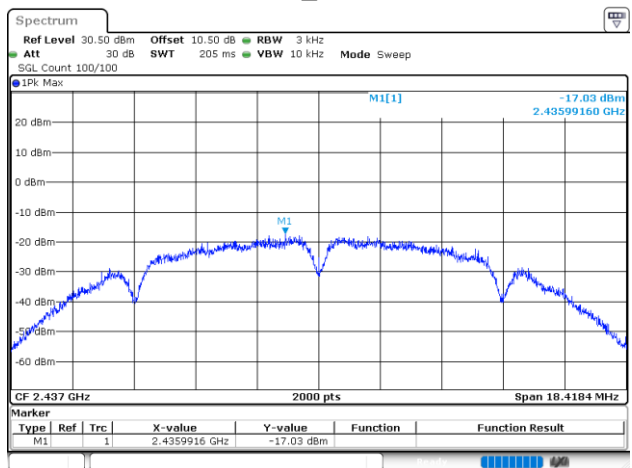
Mode	Test Frequency (MHz)	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
802.11b	2412	-15.90	8	Pass
	2437	-17.03	8	Pass
	2462	-17.29	8	Pass
802.11g	2412	-9.62	8	Pass
	2437	-10.80	8	Pass
	2462	-10.61	8	Pass
802.11n20	2412	-11.89	8	Pass
	2437	-11.60	8	Pass
	2462	-12.01	8	Pass
802.11n40	2422	-14.62	8	Pass
	2437	-15.49	8	Pass
	2452	-15.25	8	Pass
802.11ax20_RU_Full	2412	-13.15	8	Pass
	2437	-12.94	8	Pass
	2462	-13.02	8	Pass
802.11ax40_RU_Full	2422	-15.69	8	Pass
	2437	-15.25	8	Pass
	2452	-14.76	8	Pass

802.11b_2412MHz



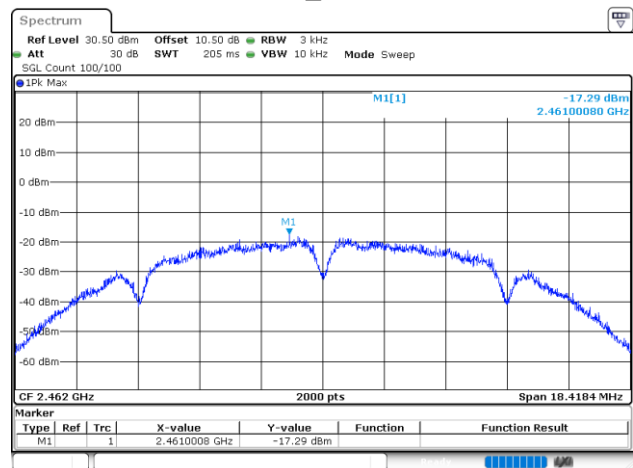
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Date: 3.JAN.2026 15:58:31

802.11b_2437MHz



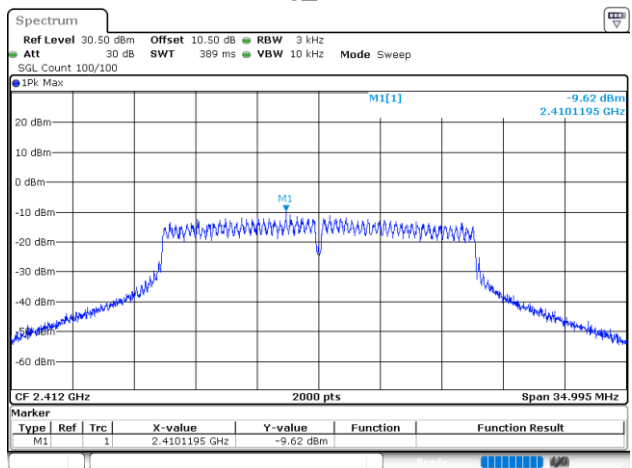
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802.11b_2462MHz



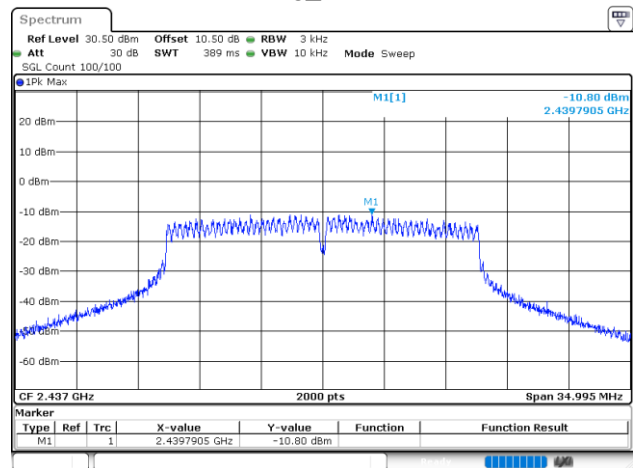
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802.11g_2412MHz



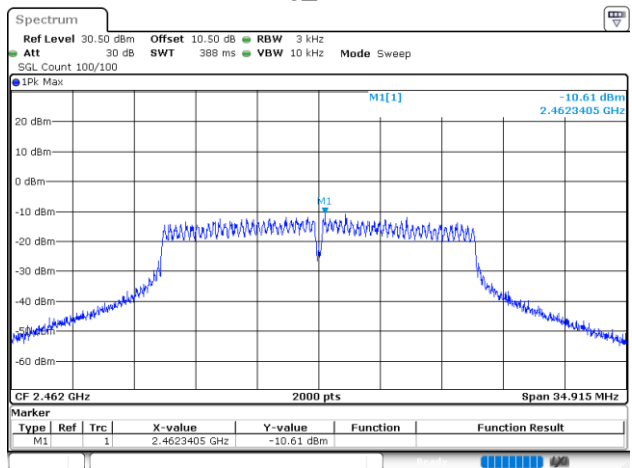
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802.11g_2437MHz



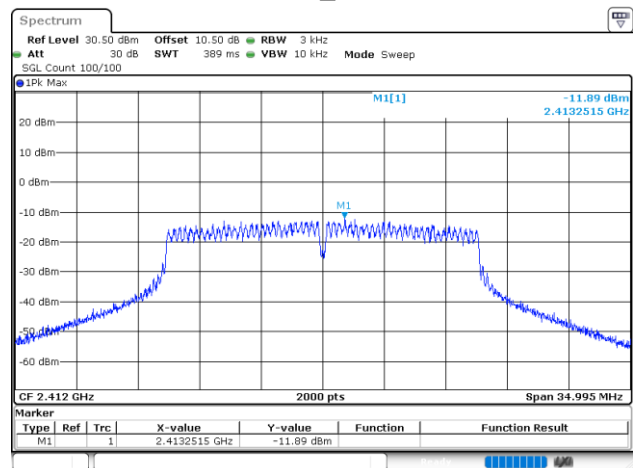
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802.11g_2462MHz



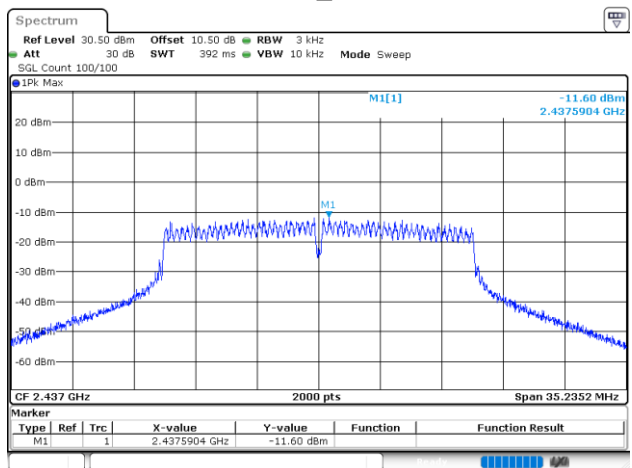
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Date: 3.JAN.2026 14:16:21

802.11n20_2412MHz



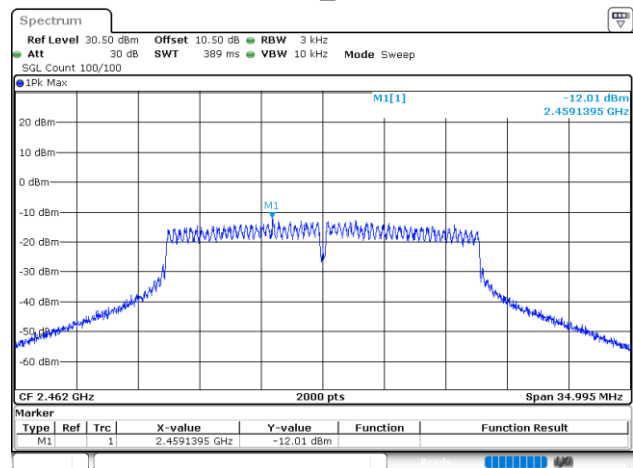
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Date: 3.JAN.2026 14:25:04

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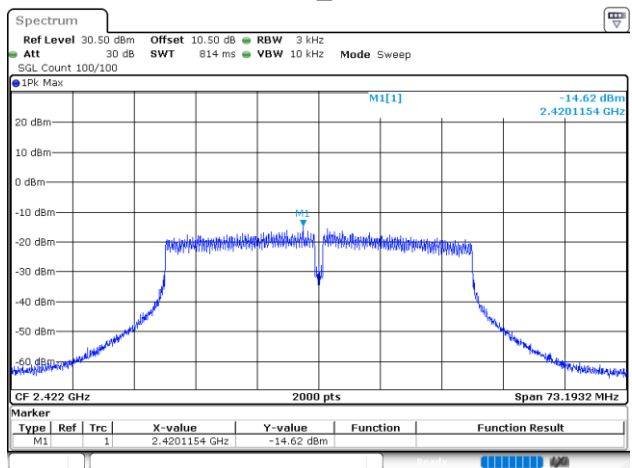
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Date: 3.JAN.2026 14:27:12

802.11n20_2462MHz



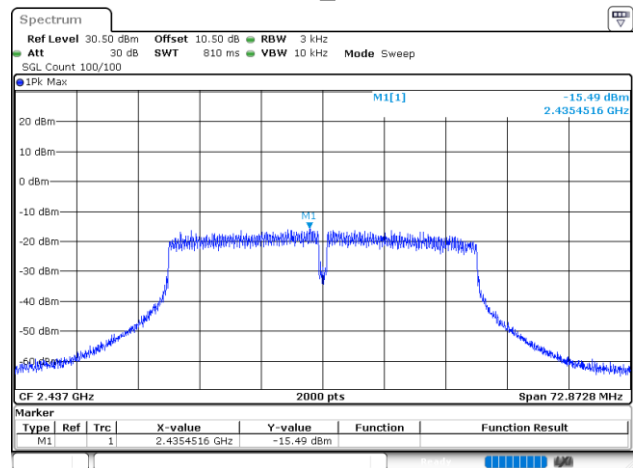
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Date: 3.JAN.2026 14:29:22

802.11n40_2422MHz



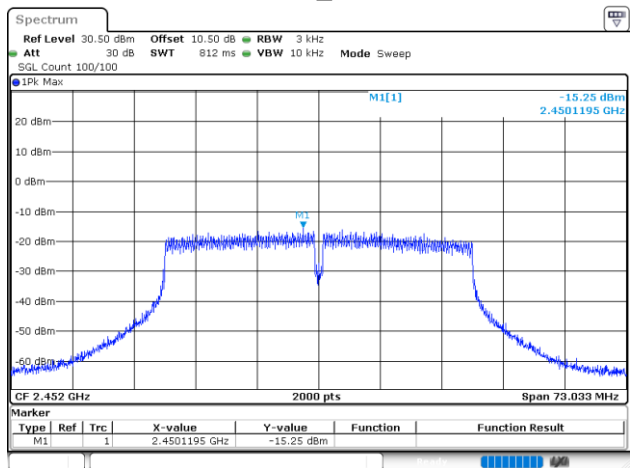
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802.11n40_2437MHz



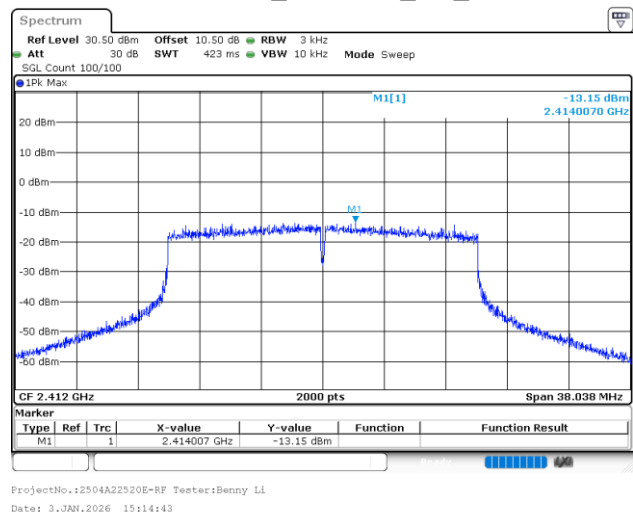
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 14:47:20

802.11n40_2452MHz

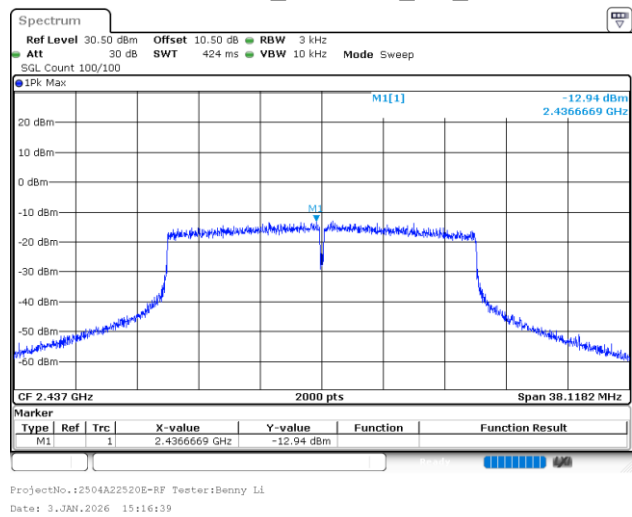


ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 14:49:56

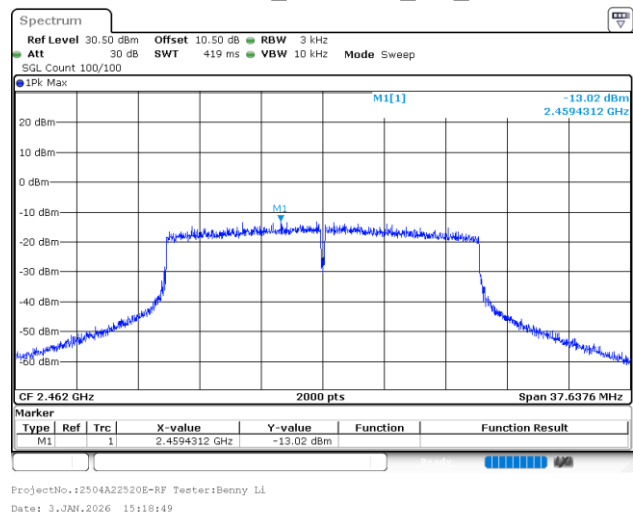
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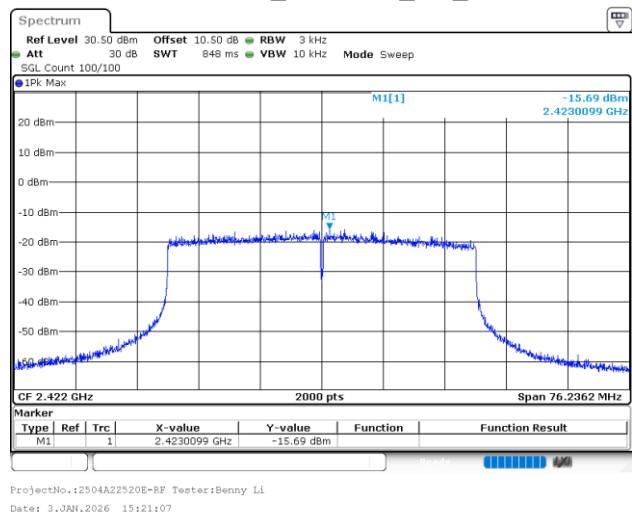
802.11ax20_2437MHz_RU_Full



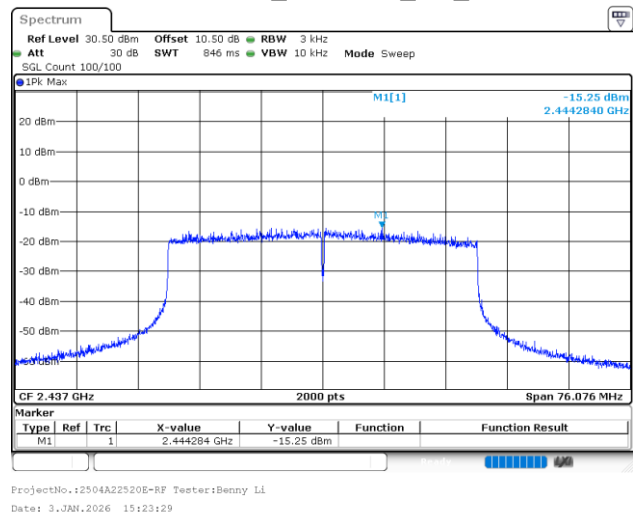
802.11ax20_2462MHz_RU_Full



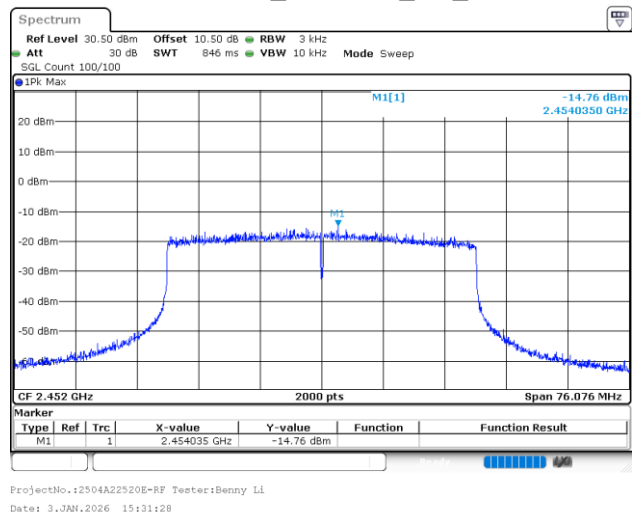
802.11ax40_2422MHz_RU_Full



802.11ax40_2437MHz_RU_Full



802.11ax40_2452MHz_RU_Full

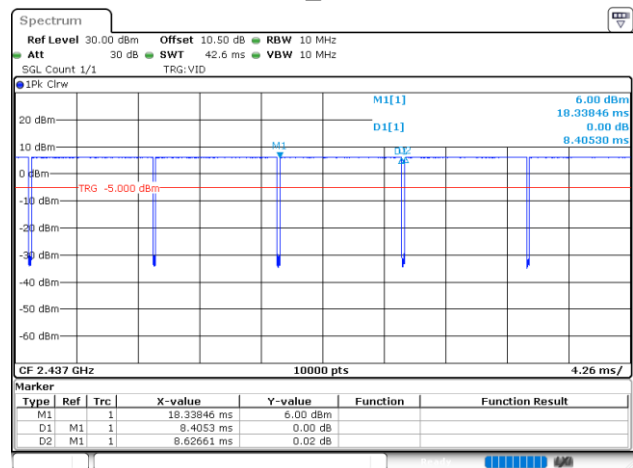


A.3.4: Duty Cycle

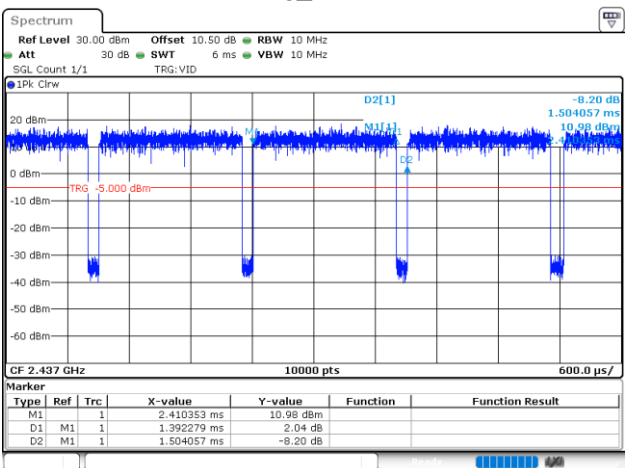
Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11b	2437	8.405	8.627	97.43	0.11	119	0.200
802.11g	2437	1.392	1.504	92.55	0.34	718	1
802.11n20	2437	5.079	5.214	97.41	0.11	197	0.200
802.11n40	2437	4.880	5.124	95.24	0.21	205	0.300
802.11ax20_RU_FULLL	2437	3.867	4.050	95.48	0.20	259	0.300
802.11ax40_RU_FULLL	2437	3.861	3.996	96.62	0.15	259	0.300

Duty Cycle = Ton/(Ton+Toff)*100%

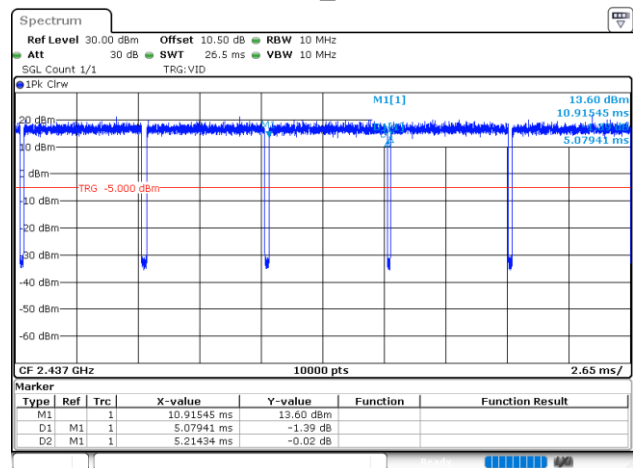
802.11b_2437MHz



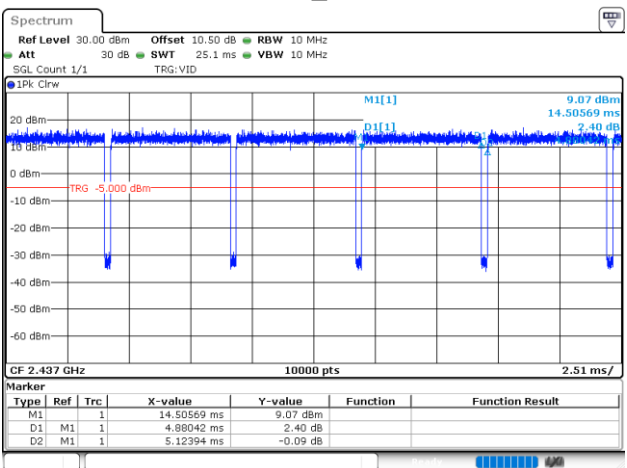
802.11g_2437MHz



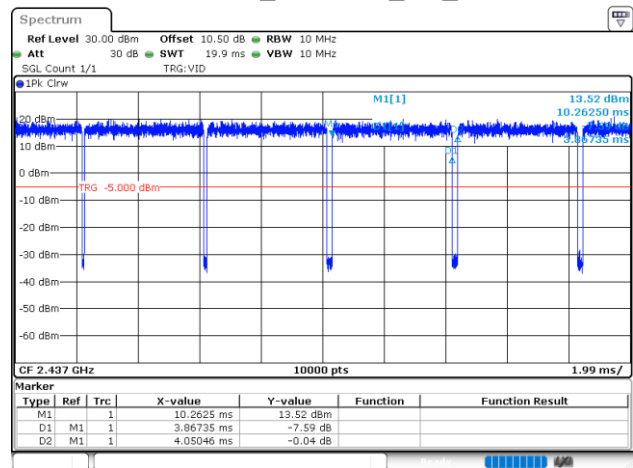
802.11n20_2437MHz



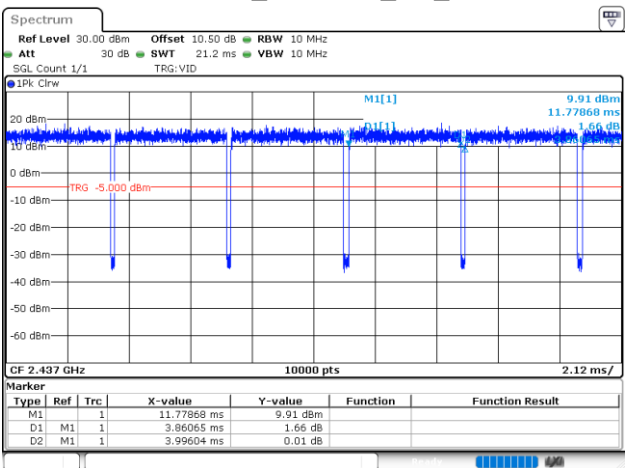
802.11n40_2437MHz



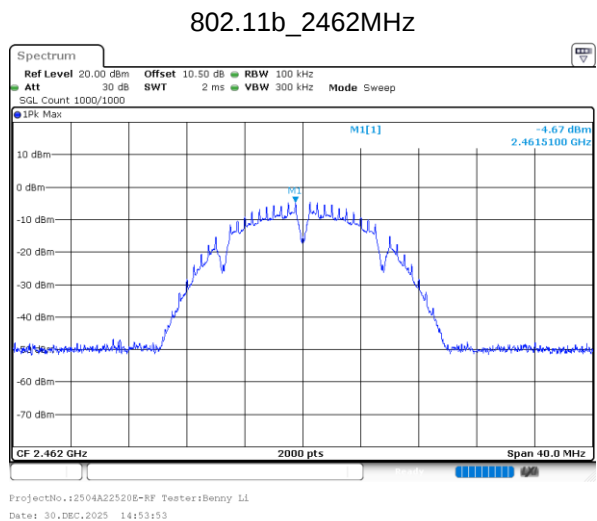
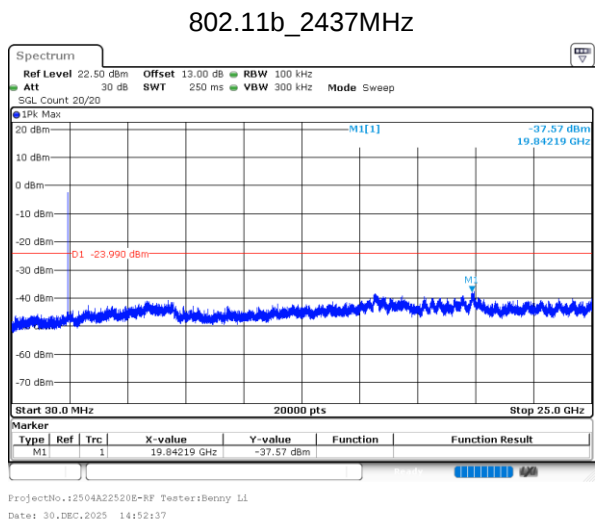
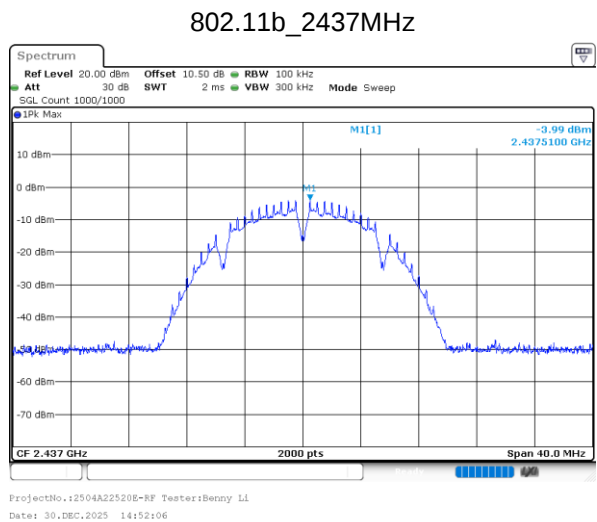
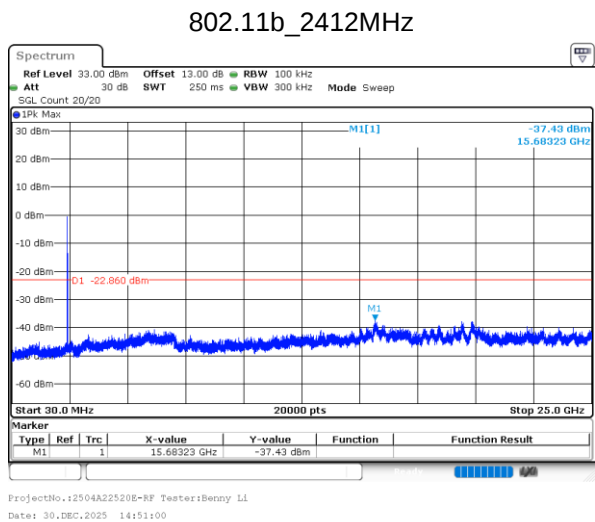
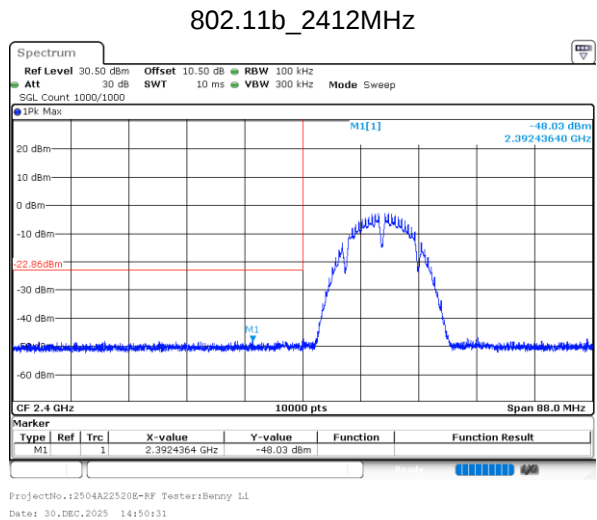
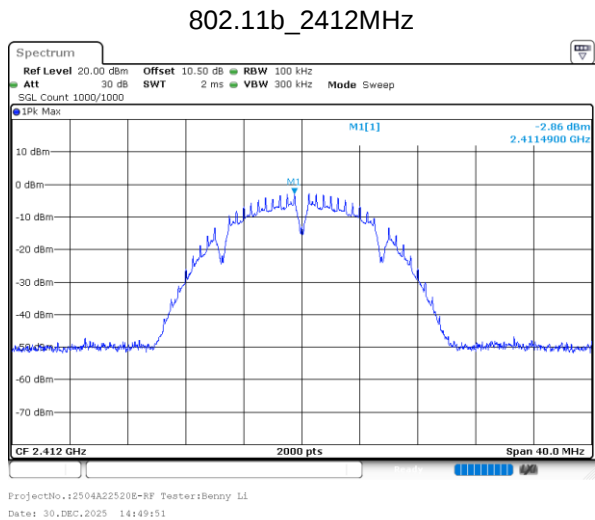
802.11ax20_2437MHz_RU_FULL



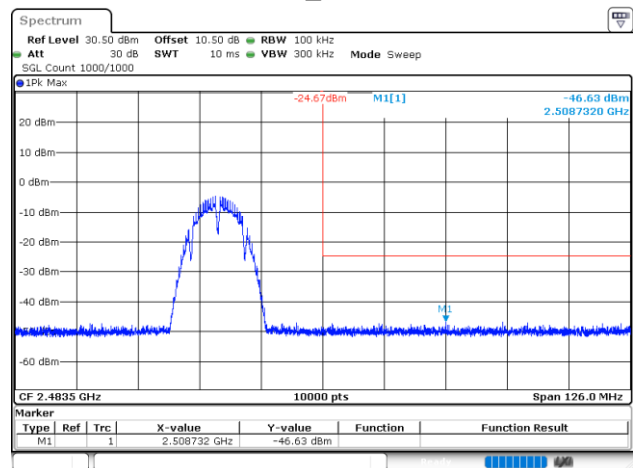
802.11ax40_2437MHz_RU_FULL



A.3.5: Conducted Spurious Emission

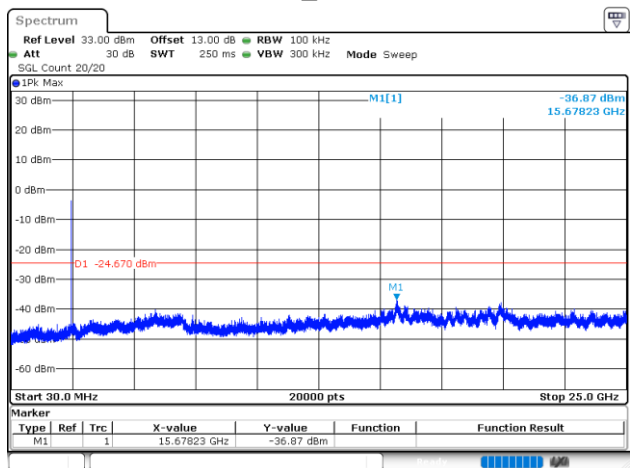


802.11b_2462MHz



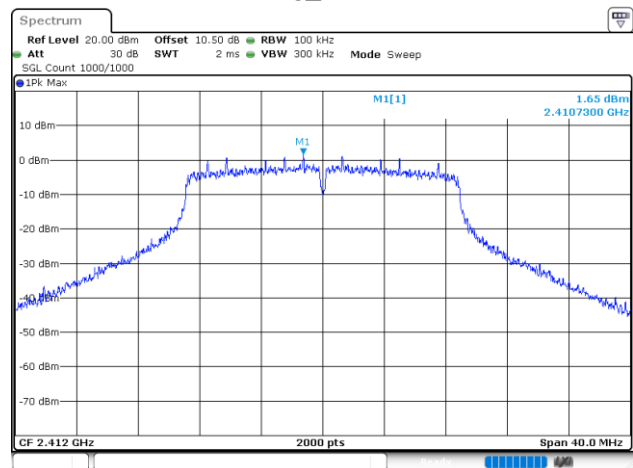
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 30.DEC.2025 14:54:14

802.11b_2462MHz



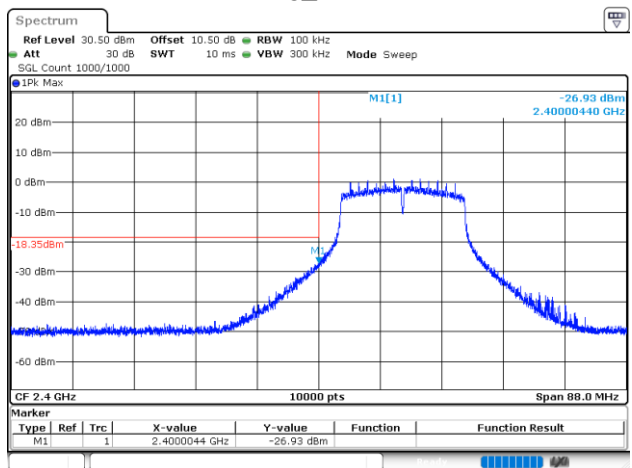
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Date: 30.DEC.2025 14:54:43

802.11g_2412MHz



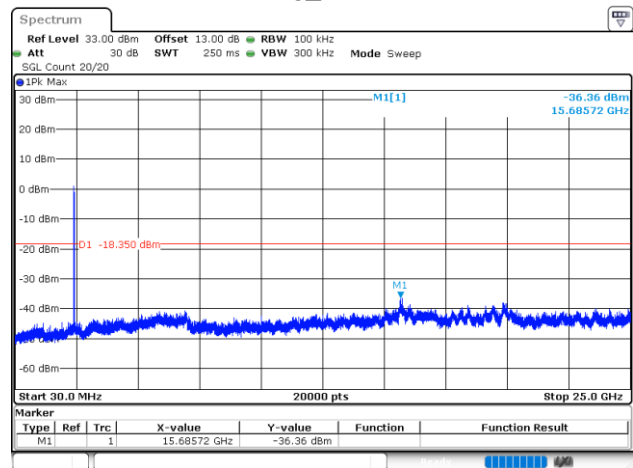
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 14:18:07

802.11g_2412MHz



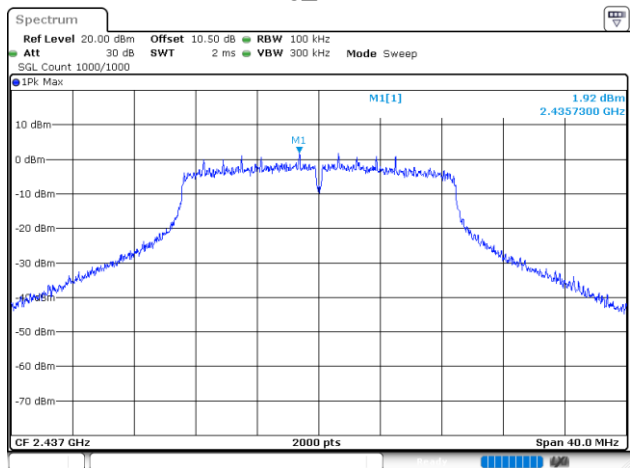
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 14:18:35

802.11g_2412MHz



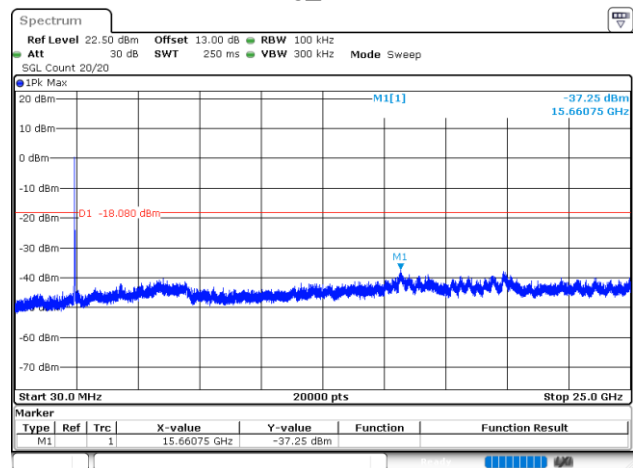
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 14:19:05

802.11g_2437MHz



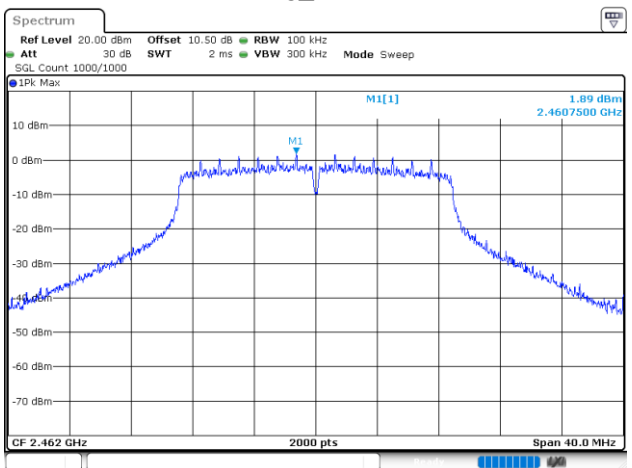
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Date: 3.JAN.2026 14:19:46

802.11g_2437MHz



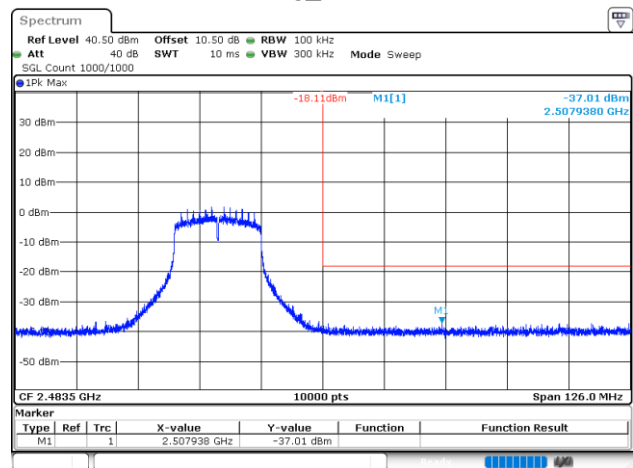
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Date: 3.JAN.2026 14:20:18

802.11g_2462MHz



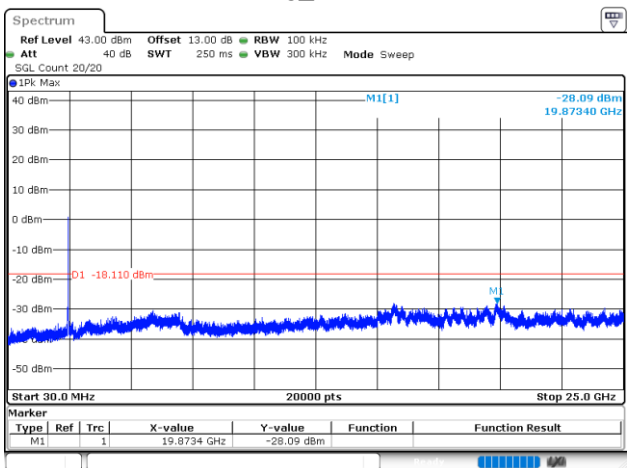
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Date: 3.JAN.2026 16:05:45

802.11g_2462MHz



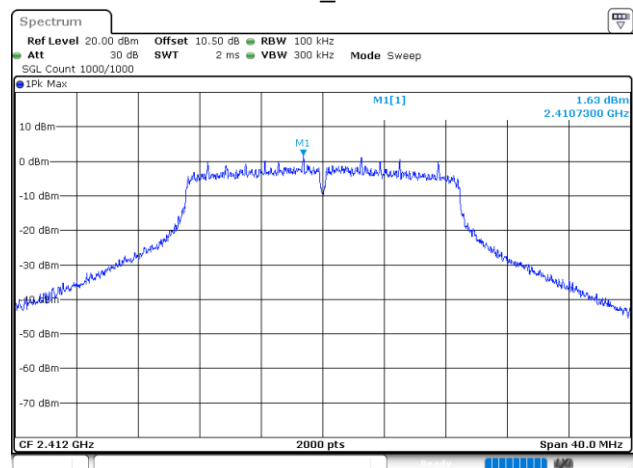
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 16:06:07

802.11g_2462MHz



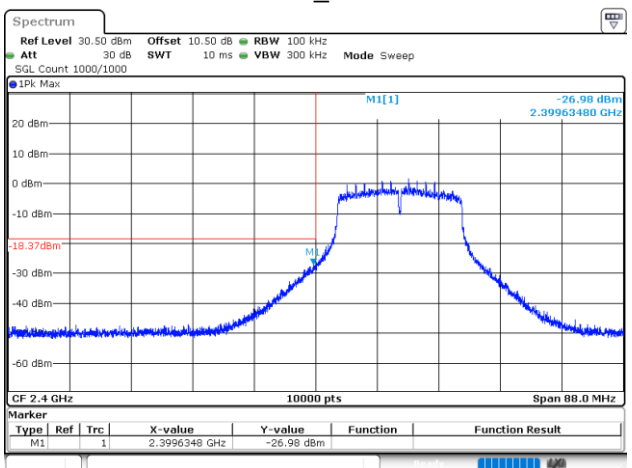
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Date: 3.JAN.2026 16:06:37

802.11n20_2412MHz



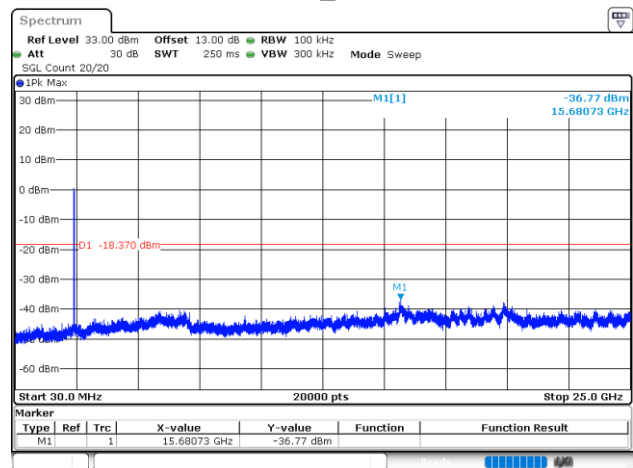
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 14:33:58

802.11n20_2412MHz



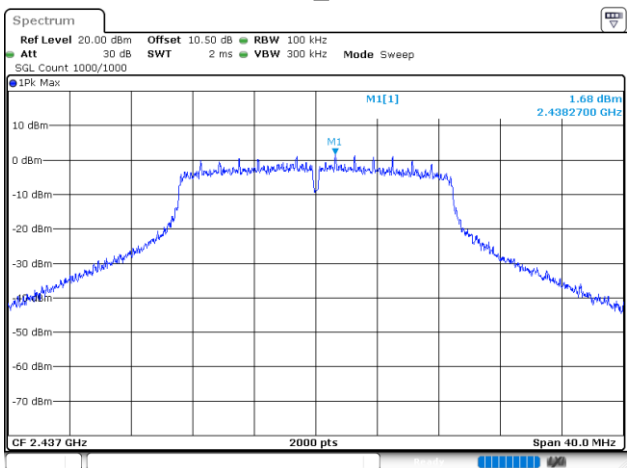
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 14:34:21

802.11n20_2412MHz



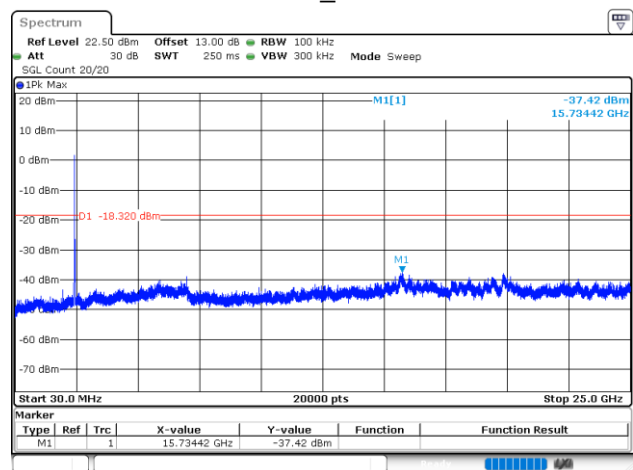
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Date: 3.JAN.2026 14:34:51

802.11n20_2437MHz



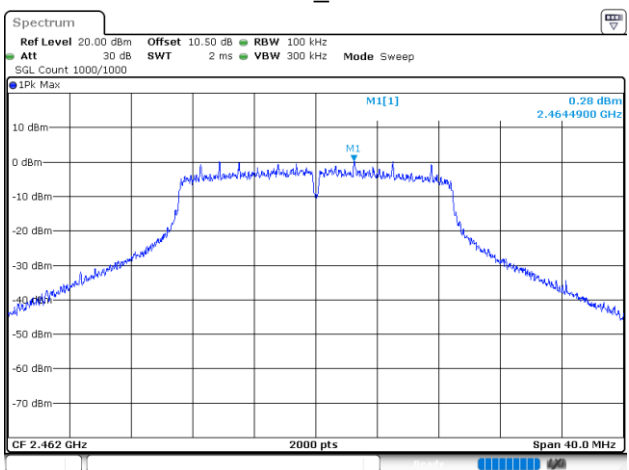
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Date: 3.JAN.2026 14:35:25

802.11n20_2437MHz



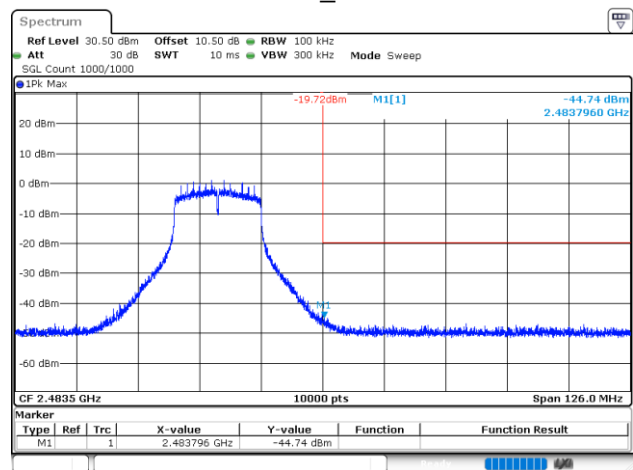
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802.11n20_2462MHz



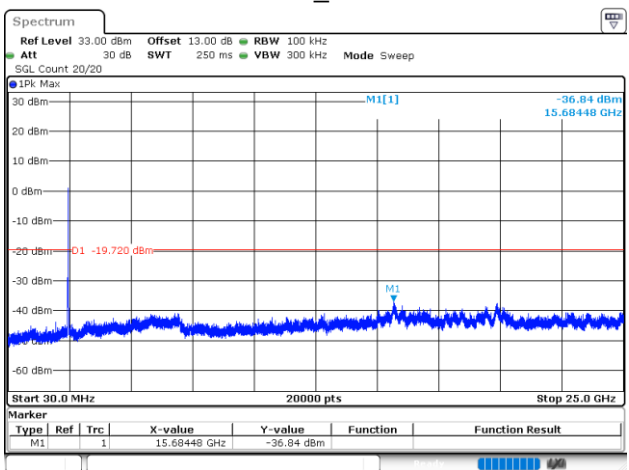
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 14:36:31

802.11n20_2462MHz



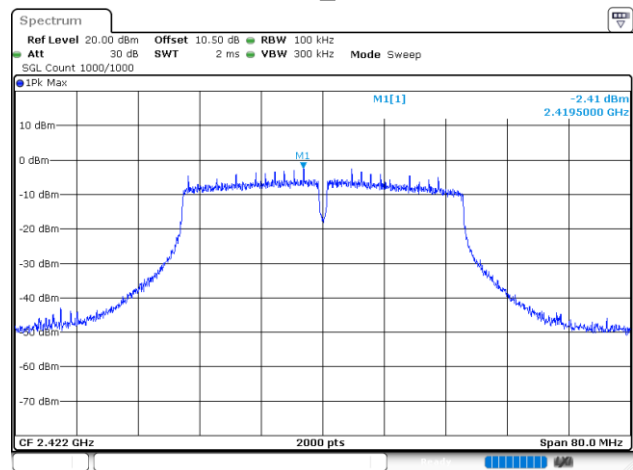
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802.11n20_2462MHz



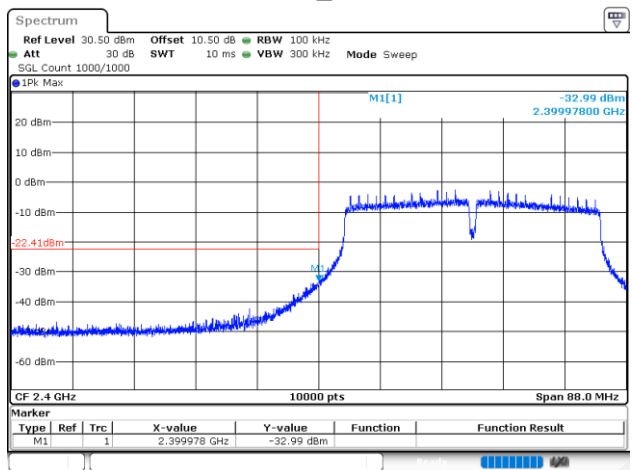
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Date: 3.JAN.2026 14:37:24

802.11n40_2422MHz



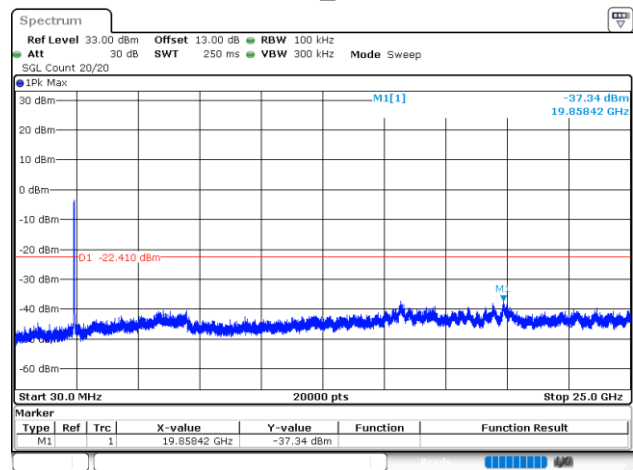
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802.11n40_2422MHz



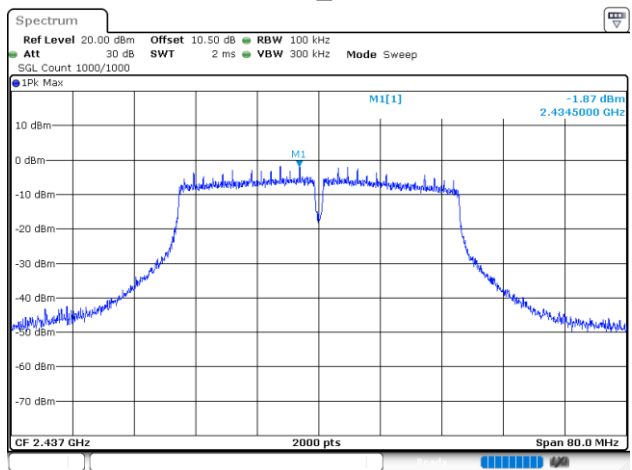
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Date: 3.JAN.2026 14:51:15

802.11n40_2422MHz



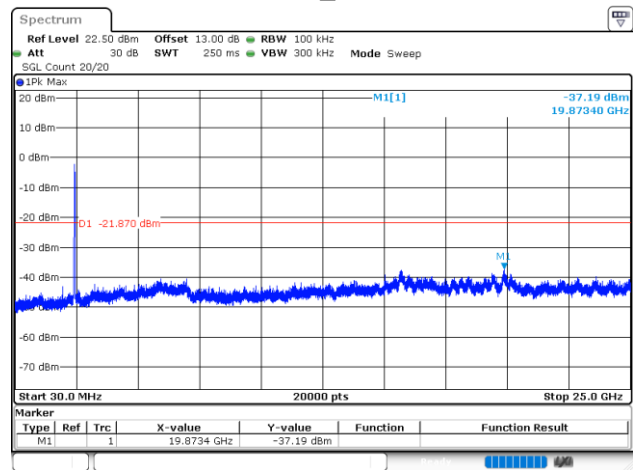
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802.11n40_2437MHz



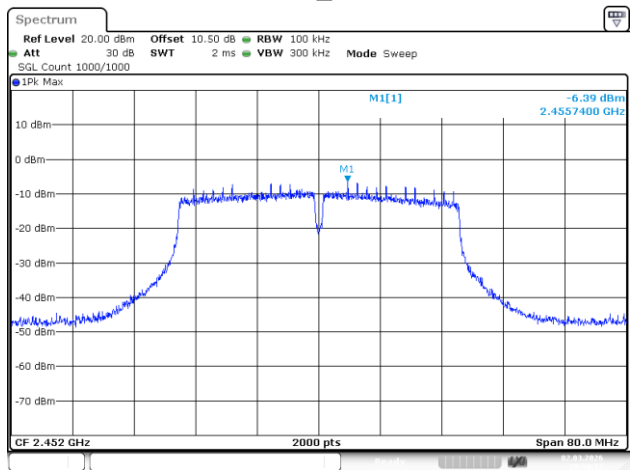
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Date: 3.JAN.2026 14:52:08

802.11n40_2437MHz



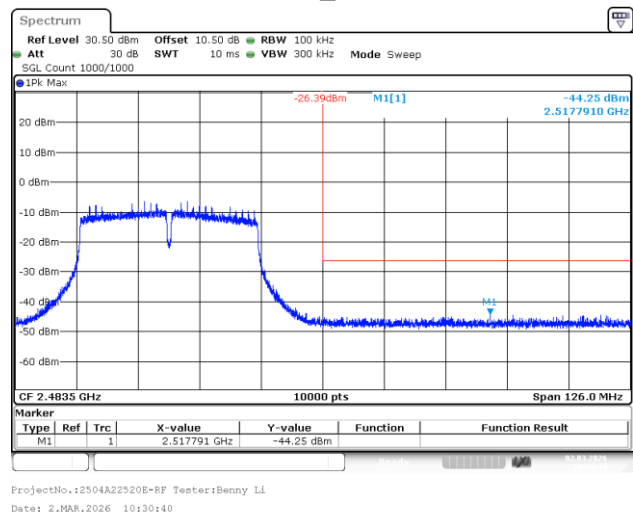
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 14:52:40

802.11n40_2452MHz

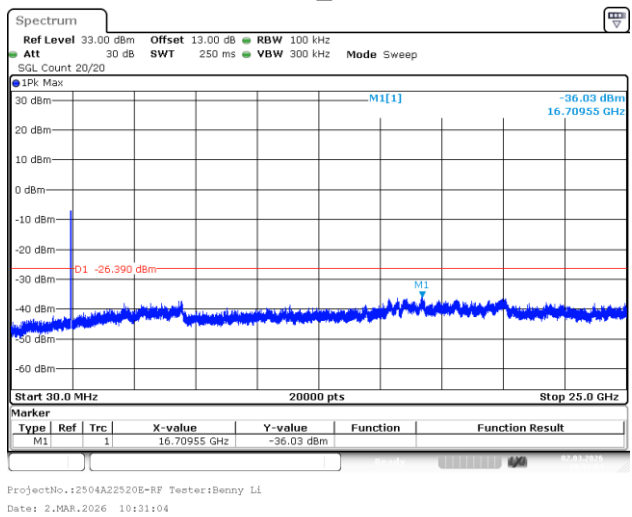


ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 2.MAR.2026 10:30:17

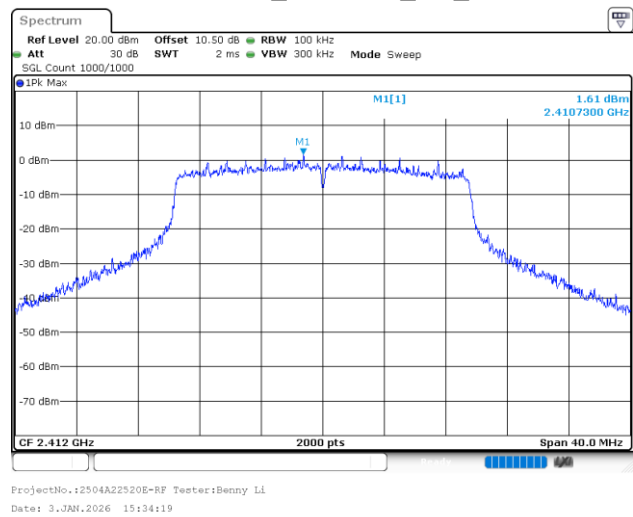
802.11n40_2452MHz



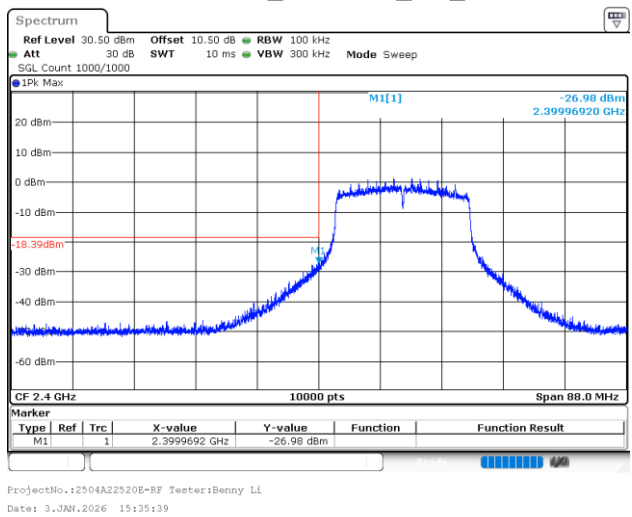
802.11n40_2452MHz



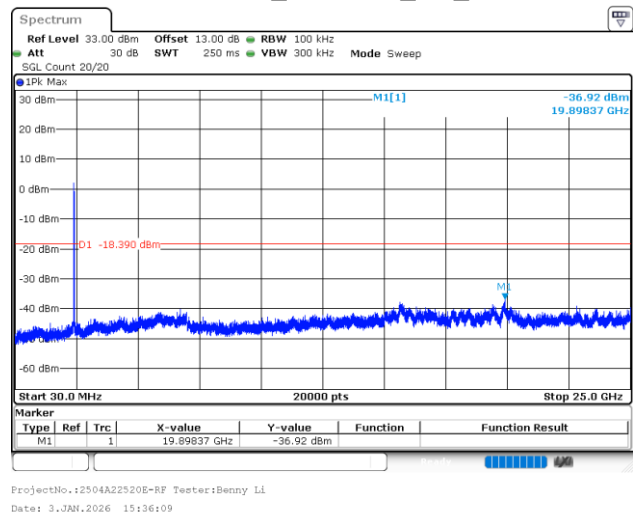
802.11ax20_2412MHz_RU_Full



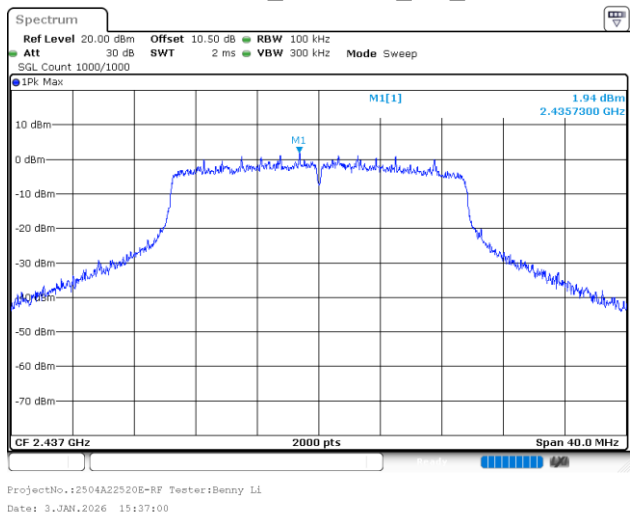
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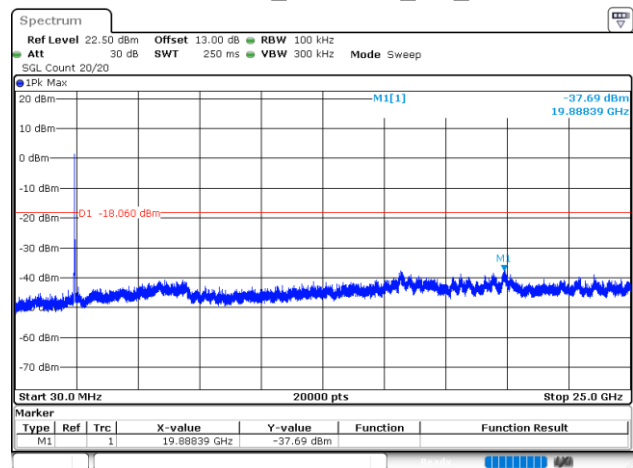
802.11ax20_2412MHz_RU_Full



802.11ax20_2437MHz_RU_Full

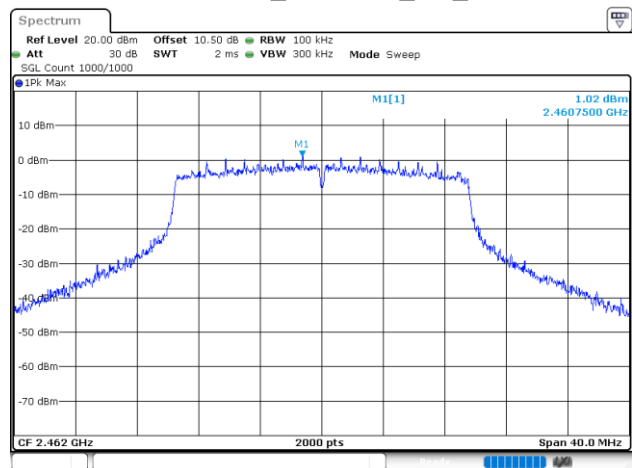


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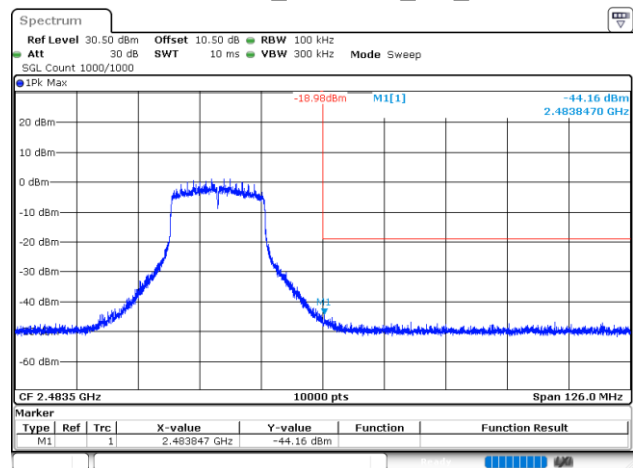
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 15:37:31

802.11ax20_2462MHz_RU_Full



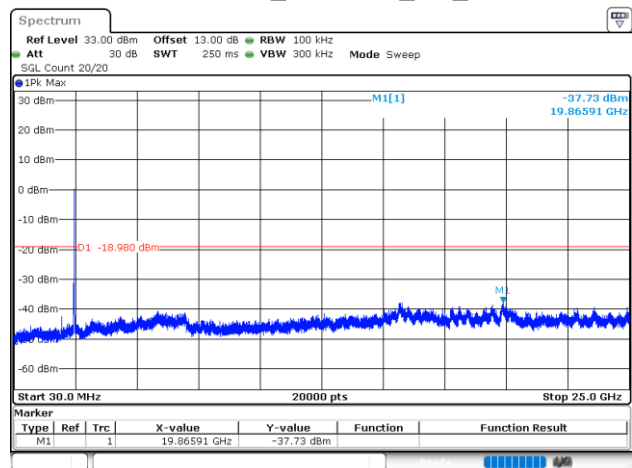
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 15:39:10

802.11ax20_2462MHz_RU_Full



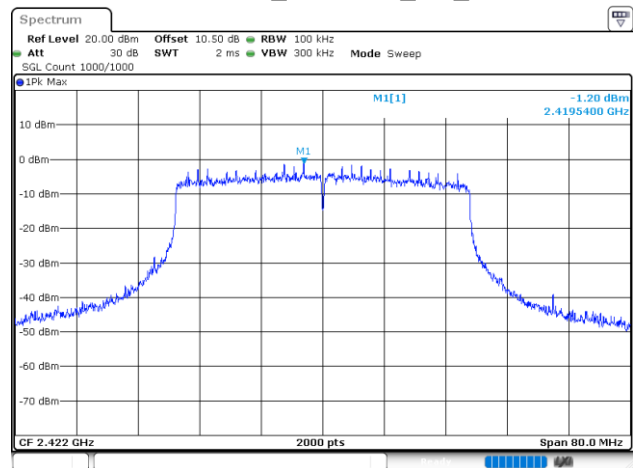
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Date: 3.JAN.2026 15:39:32

802.11ax20_2462MHz_RU_Full



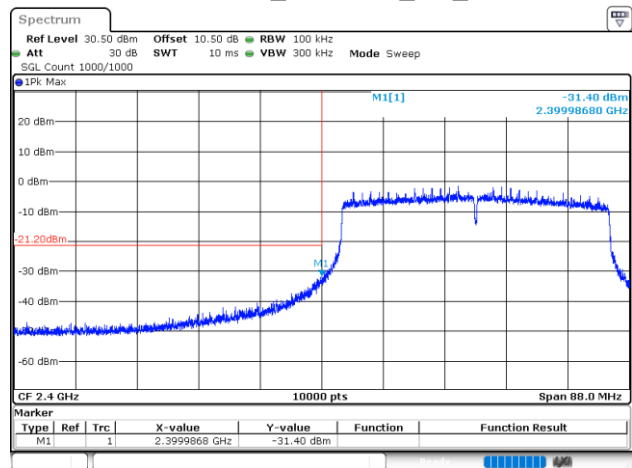
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 15:40:01

802.11ax40_2422MHz_RU_Full



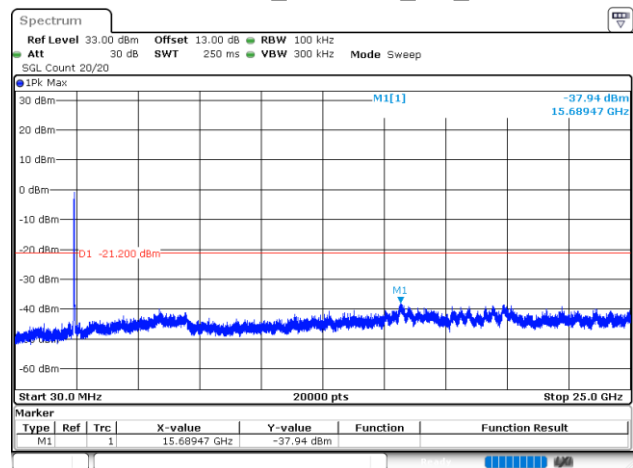
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 15:40:31

802.11ax40_2422MHz_RU_Full



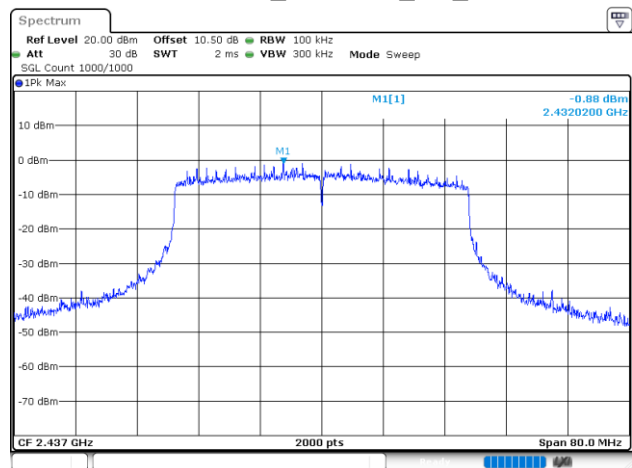
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Date: 3.JAN.2026 15:40:53

802.11ax40_2422MHz_RU_Full



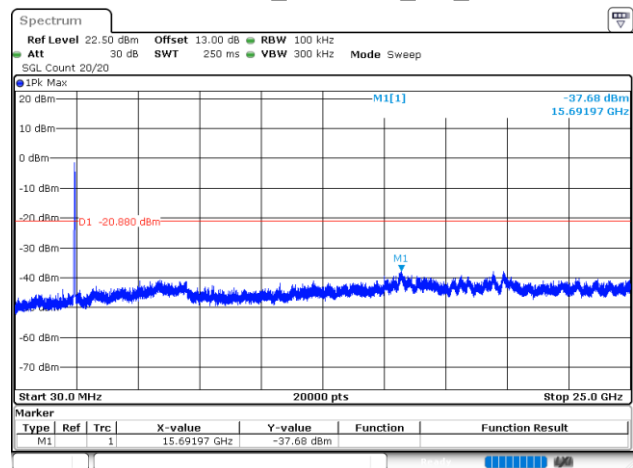
ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 15:41:22

802.11ax40_2437MHz_RU_Full



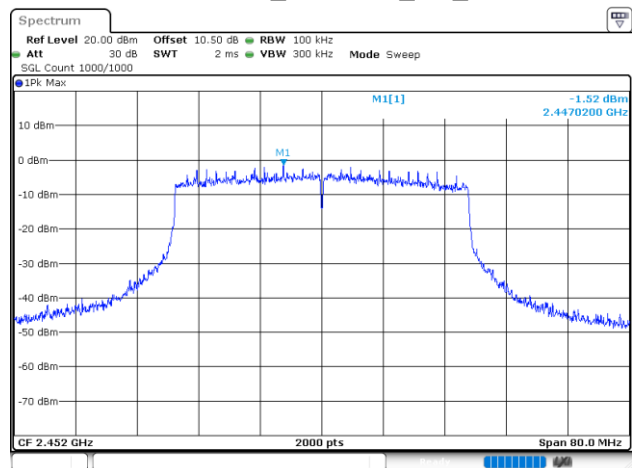
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Date: 3.JAN.2026 15:42:29

802.11ax40_2437MHz_RU_Full



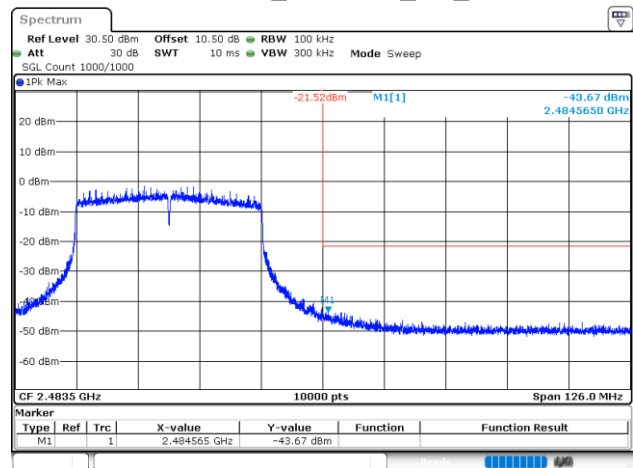
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Date: 3.JAN.2026 15:43:00

802.11ax40_2452MHz_RU_Full



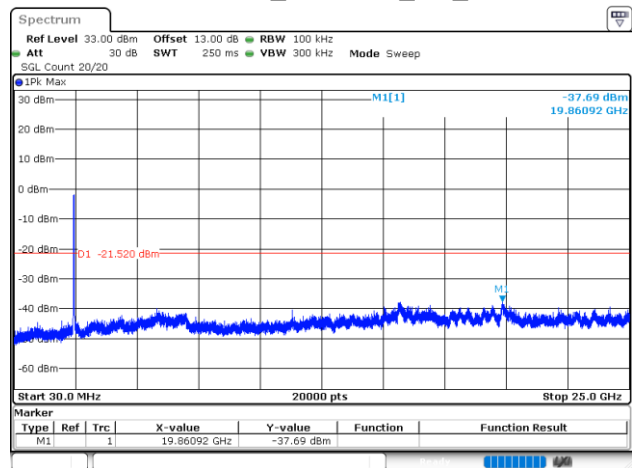
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Date: 3.JAN.2026 15:44:46

802.11ax40_2452MHz_RU_Full



ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 15:45:07

802.11ax40_2452MHz_RU_Full



ProjectNo.:2504A22520E-RF Tester:Benny Li
Date: 3.JAN.2026 15:45:37

***** END *****