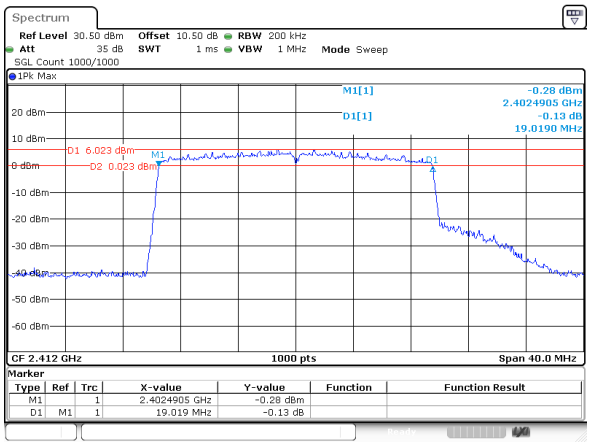
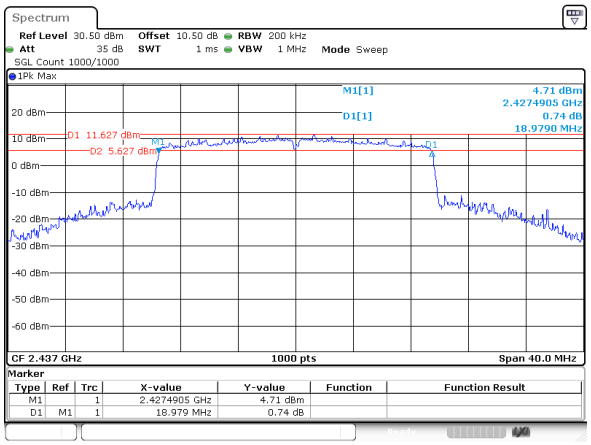
Chain 0

802.11be20_RU_Full_2412MHz_Chain 0

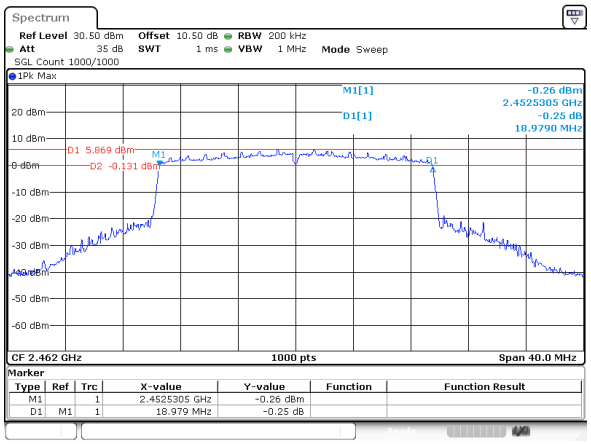


802.11be20_RU_Full_2437MHz_Chain 0

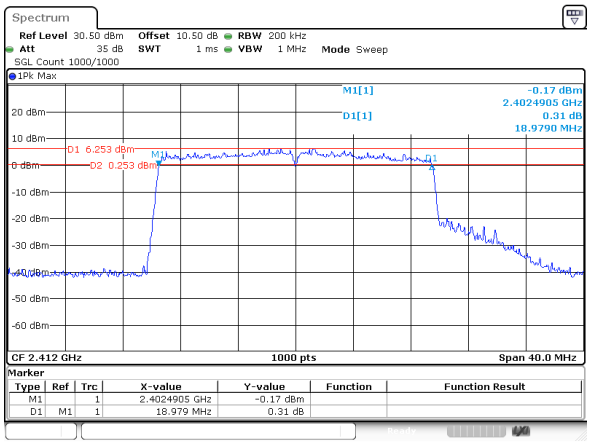


Chain 1

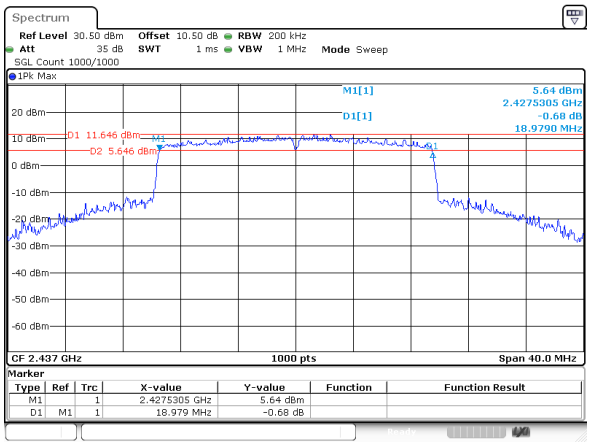
802.11be20_RU_Full_2462MHz_Chain 0



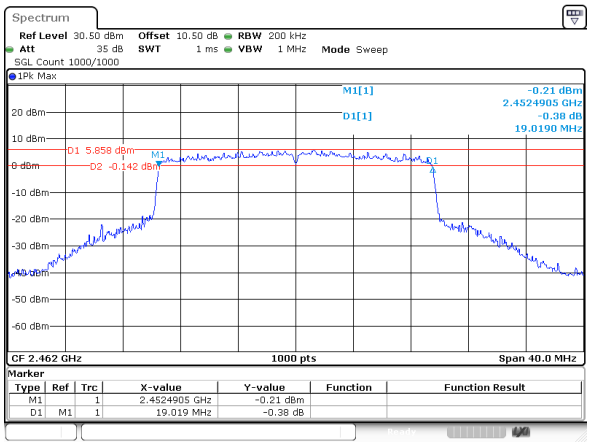
802.11be20_RU_Full_2412MHz_Chain 1



802.11be20_RU_Full_2437MHz_Chain 1

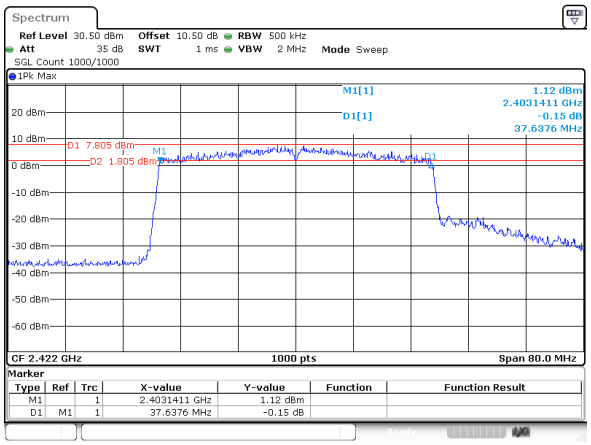


802.11be20_RU_Full_2462MHz_Chain 1

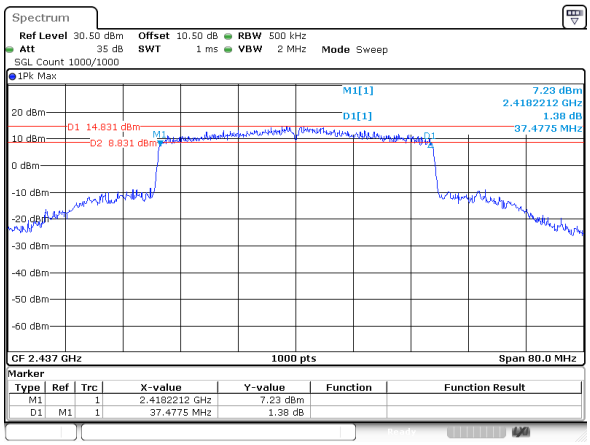


Chain 0

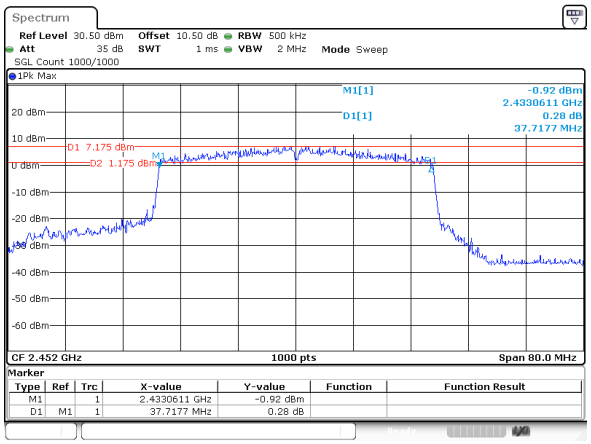
802.11be40_RU_Full_2422MHz_Chain 0



802.11be40_RU_Full_2437MHz_Chain 0

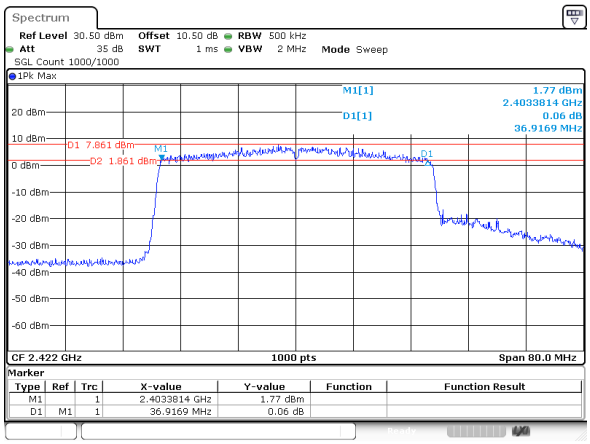


802.11be40_RU_Full_2452MHz_Chain 0

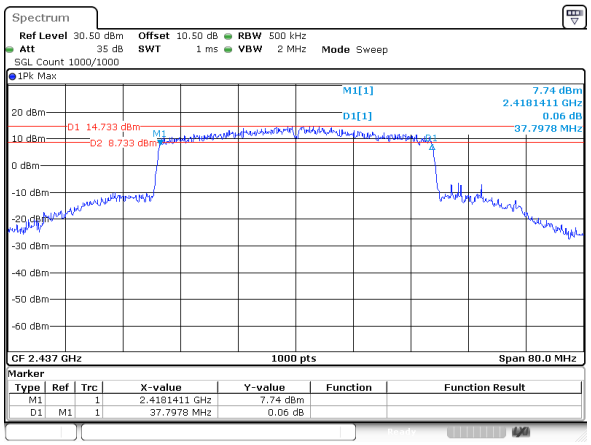


Chain 1

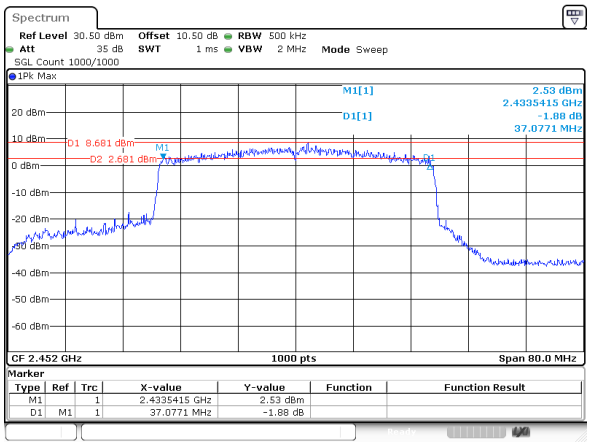
802.11be40_RU_Full_2422MHz_Chain 1



802.11be40_RU_Full_2437MHz_Chain 1



802.11be40_RU_Full_2452MHz_Chain 1

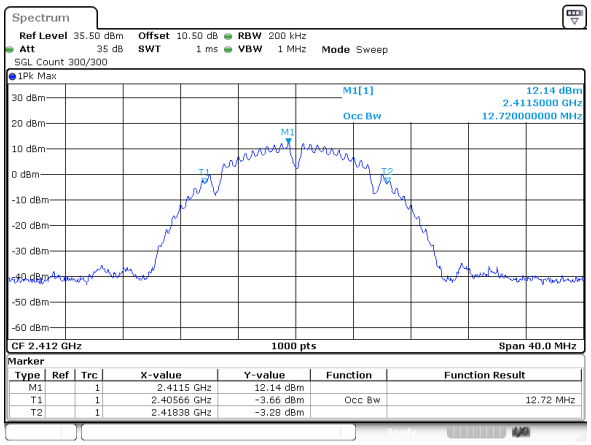


99% Occupied Bandwidth

Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)
802.11b	Chain 0	2412	12.720
		2437	12.680
		2462	12.760
	Chain 1	2412	12.680
		2437	12.680
		2462	12.680
802.11g	Chain 0	2412	16.320
		2437	16.600
		2462	16.360
	Chain 1	2412	16.320
		2437	16.560
		2462	16.360
802.11n20	Chain 0	2412	17.440
		2437	17.560
		2462	17.480
	Chain 1	2412	17.480
		2437	17.560
		2462	17.480
802.11n40	Chain 0	2422	35.840
		2437	36.080
		2452	35.920
	Chain 1	2422	35.840
		2437	36
		2452	35.760
802.11be20_RU_Full	Chain 0	2412	18.840
		2437	18.840
		2462	18.840
	Chain 1	2412	18.840
		2437	18.840
		2462	18.840
802.11be40_RU_Full	Chain 0	2422	37.680
		2437	**37.760**
		2452	37.600
	Chain 1	2422	37.520
		2437	37.680
		2452	37.600

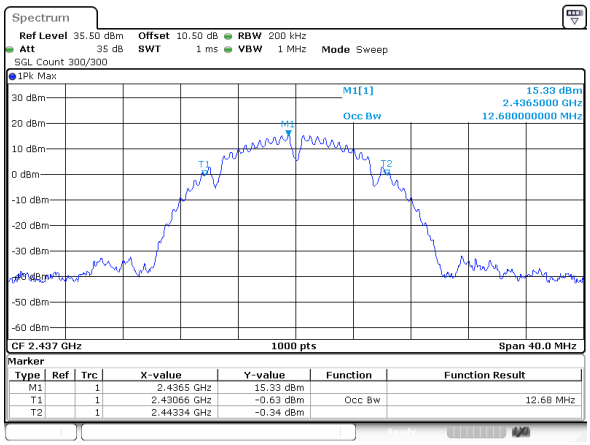
Chain 0

802.11b_2412MHz_Chain 0



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 20:27:24

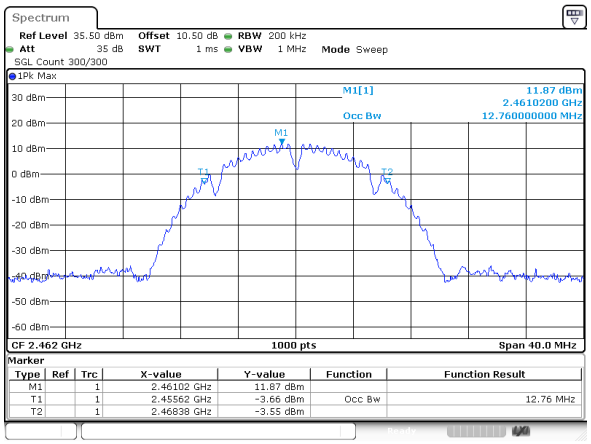
802.11b_2437MHz_Chain 0



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 20:43:15

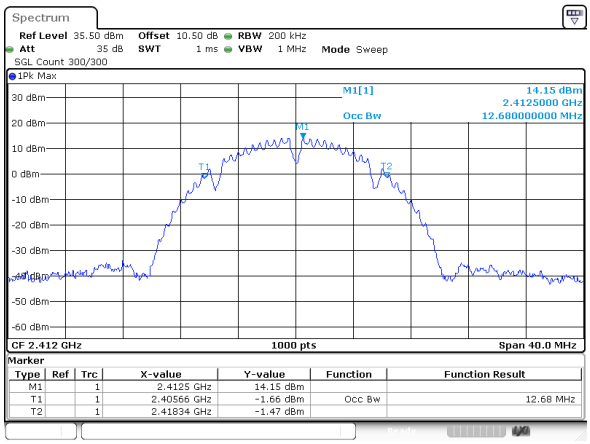
Chain 1

802.11b_2462MHz_Chain 0



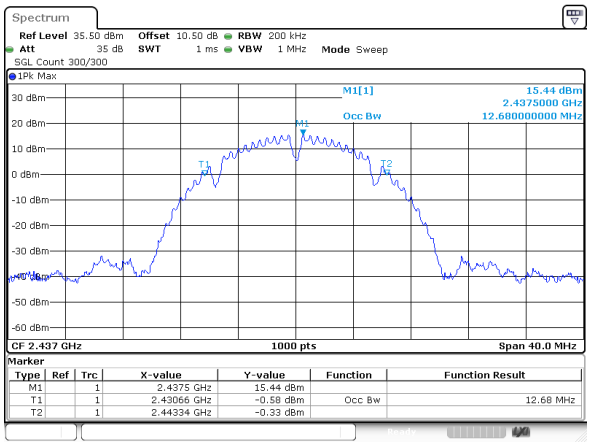
ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 20:45:19

802.11b_2412MHz_Chain 1



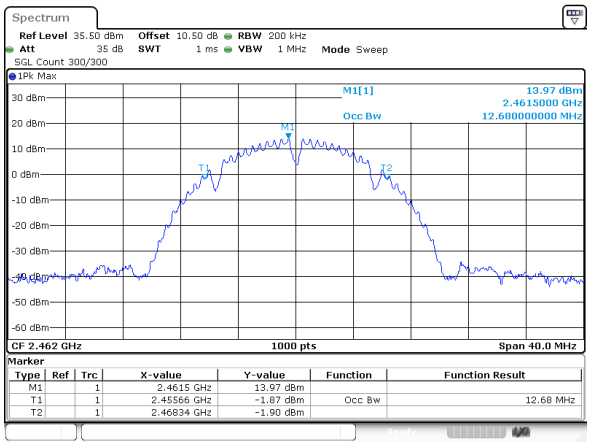
ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 23:46:12

802.11b_2437MHz_Chain 1



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 23:48:12

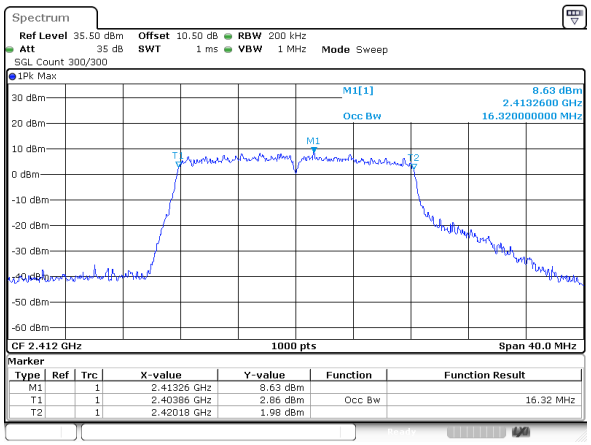
802.11b_2462MHz_Chain 1



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 23:49:56

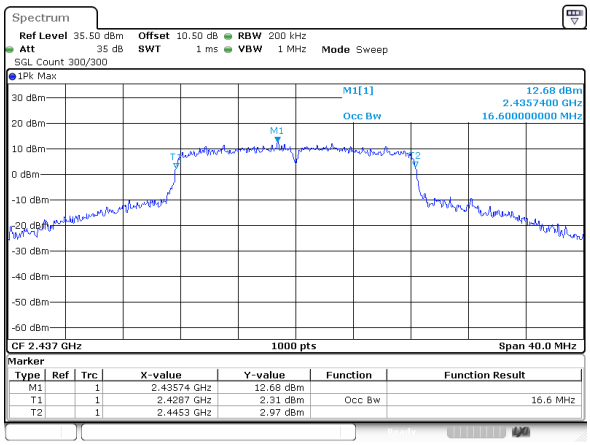
Chain 0

802.11g_2412MHz_Chain 0



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 20:48:38

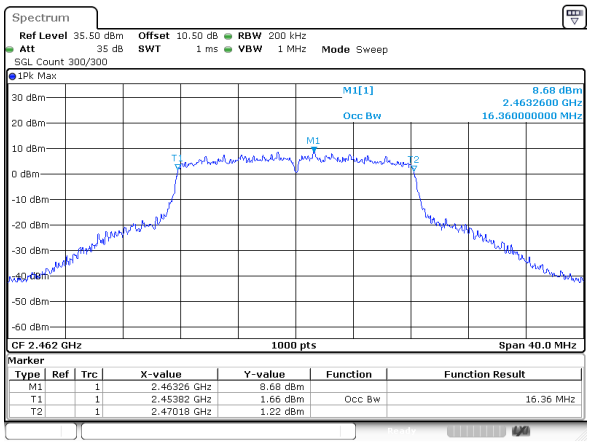
802.11g_2437MHz_Chain 0



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 20:51:19

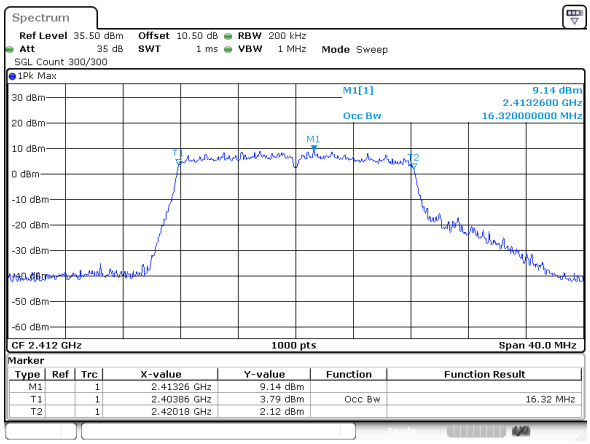
Chain 1

802.11g_2462MHz_Chain 0



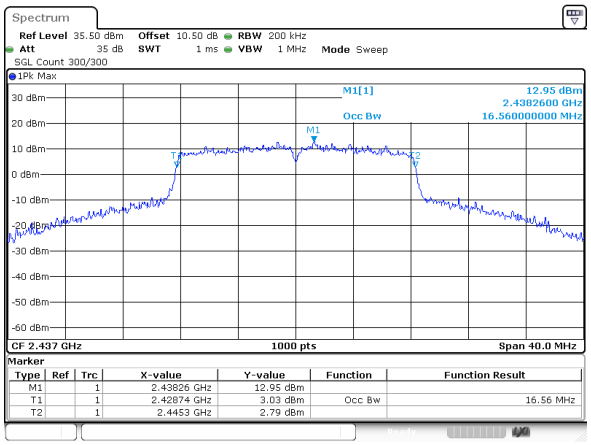
ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 20:54:08

802.11g_2412MHz_Chain 1



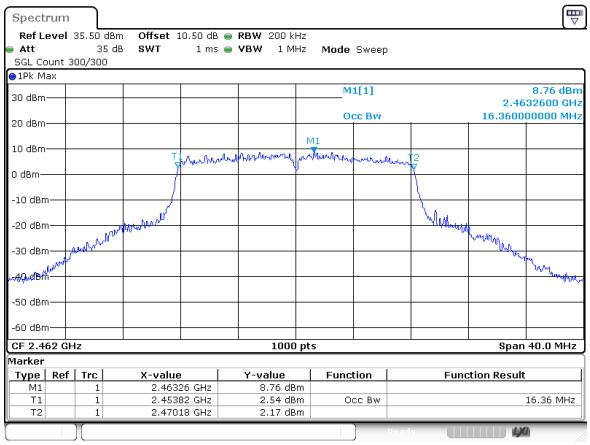
ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 23:53:11

802.11g_2437MHz_Chain 1



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 23:56:41

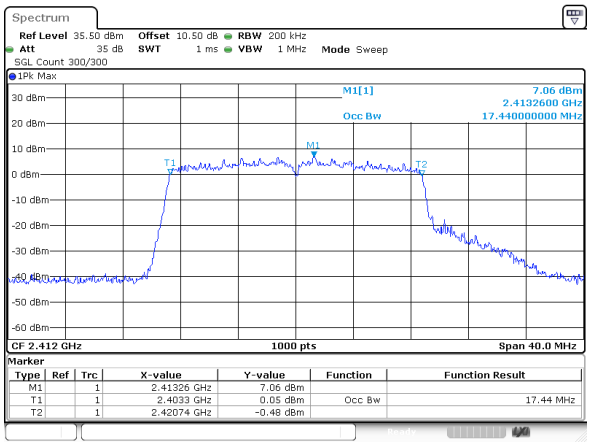
802.11g_2462MHz_Chain 1



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 23:59:10

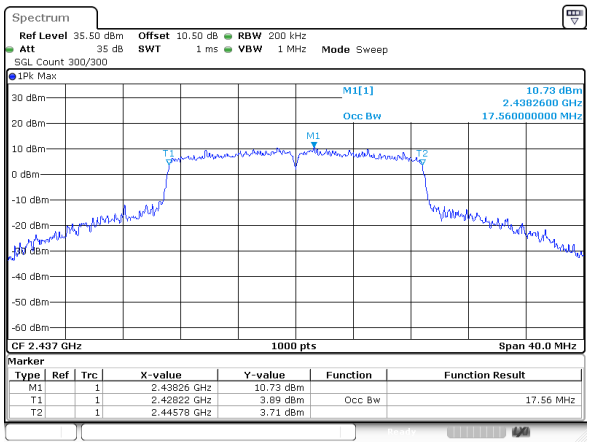
Chain 0

802.11n20_2412MHz_Chain 0



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 20:58:55

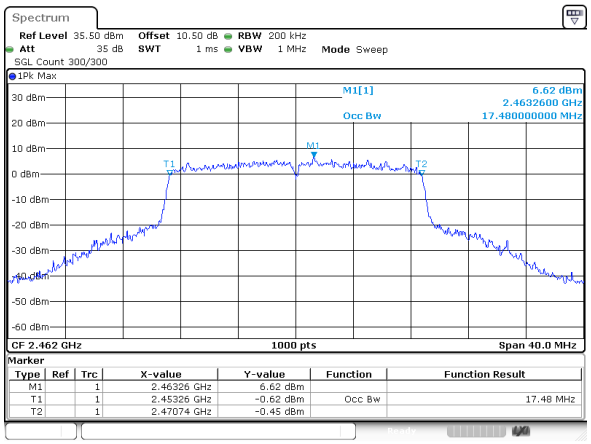
802.11n20_2437MHz_Chain 0



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 21:02:20

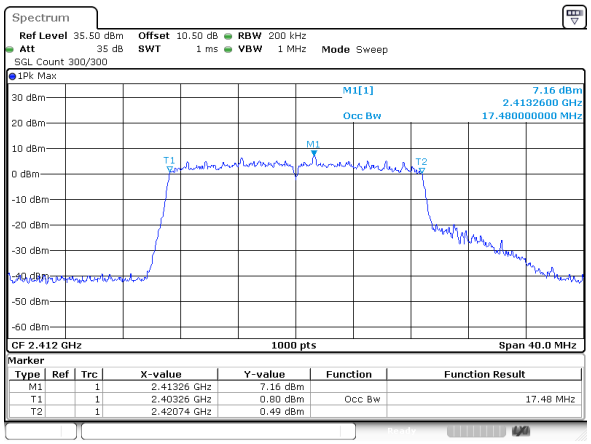
Chain 1

802.11n20_2462MHz_Chain 0



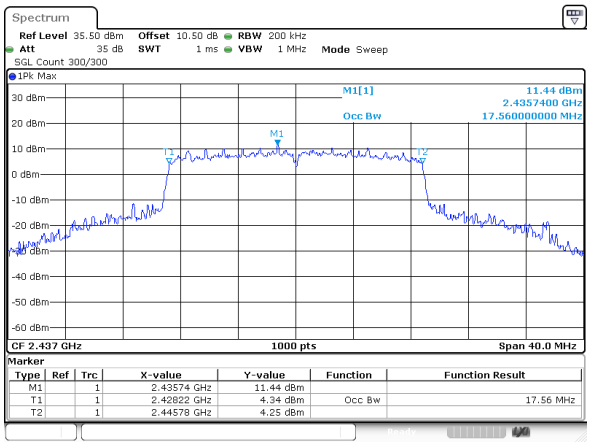
ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 21:09:16

802.11n20_2412MHz_Chain 1



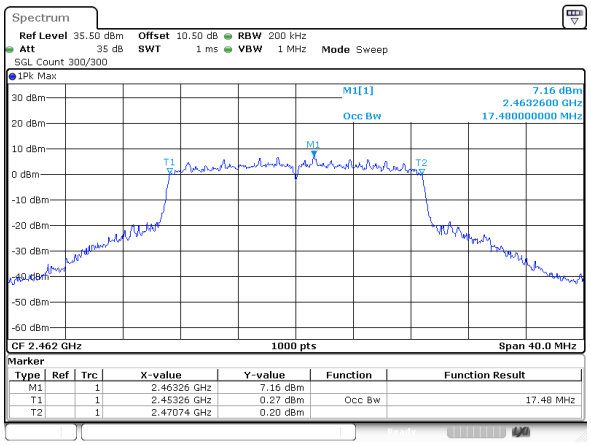
ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 23:28:18

802.11n20_2437MHz_Chain 1



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 23:30:36

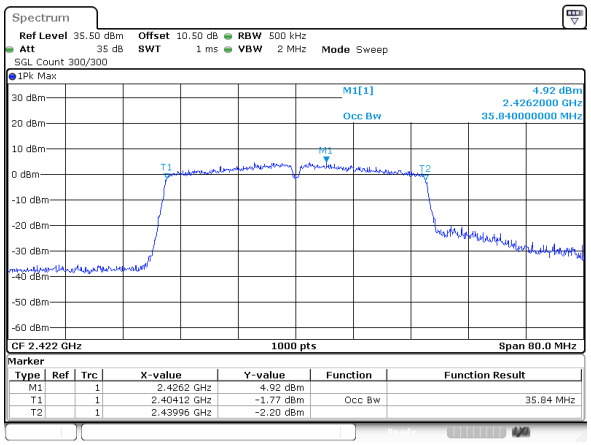
802.11n20_2462MHz_Chain 1



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 23:32:20

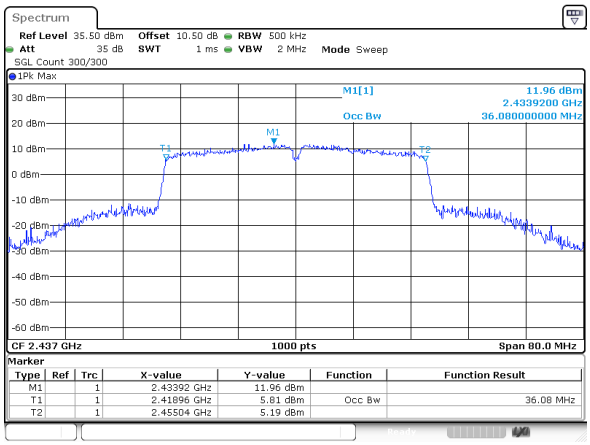
Chain 0

802.11n40_2422MHz_Chain 0



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 21:11:18

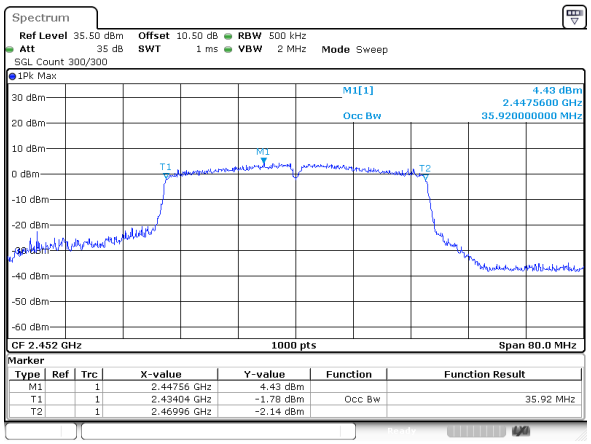
802.11n40_2437MHz_Chain 0



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 21:15:32

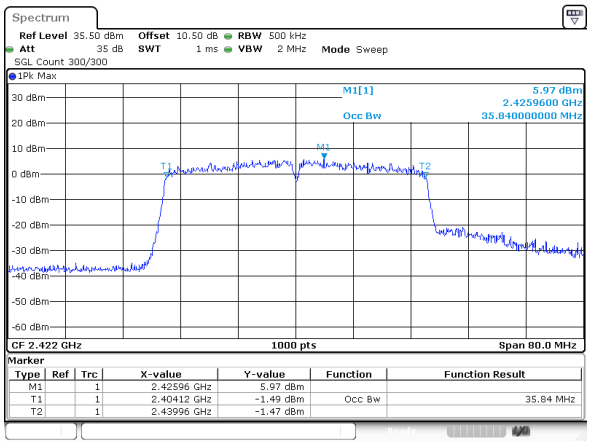
Chain 1

802.11n40_2452MHz_Chain 0



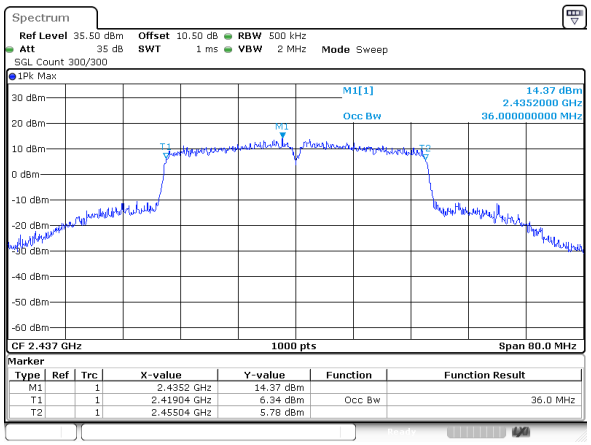
ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 21:17:02

802.11n40_2422MHz_Chain 1



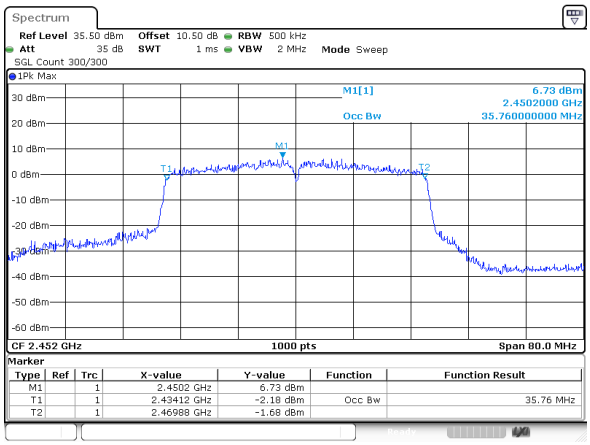
ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 23:33:42

802.11n40_2437MHz_Chain 1



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 23:35:14

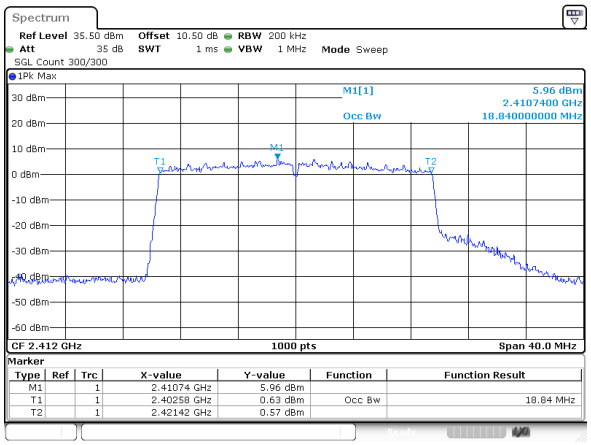
802.11n40_2452MHz_Chain 1



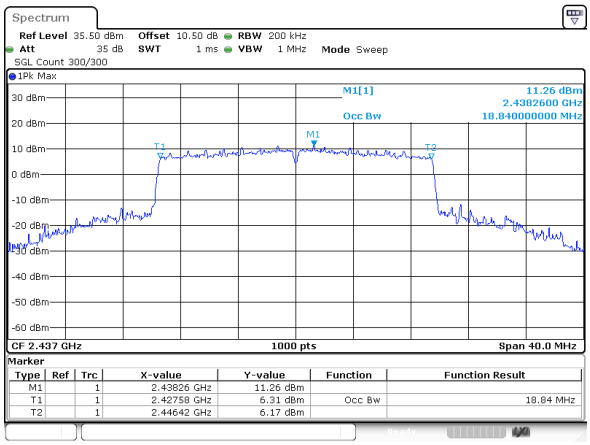
ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 23:36:21

Chain 0

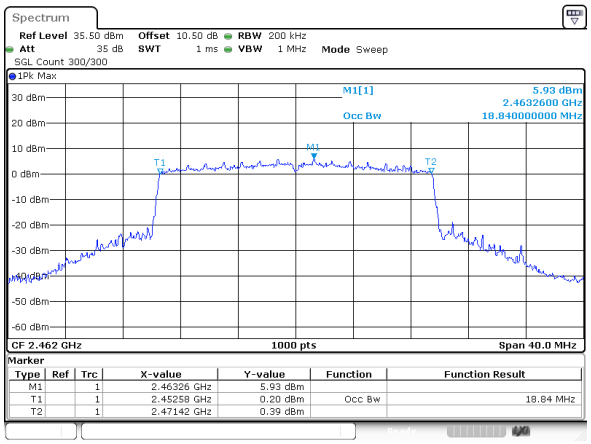
802.11be20_RU_Full_2412MHz_Chain 0



802.11be20_RU_Full_2437MHz_Chain 0

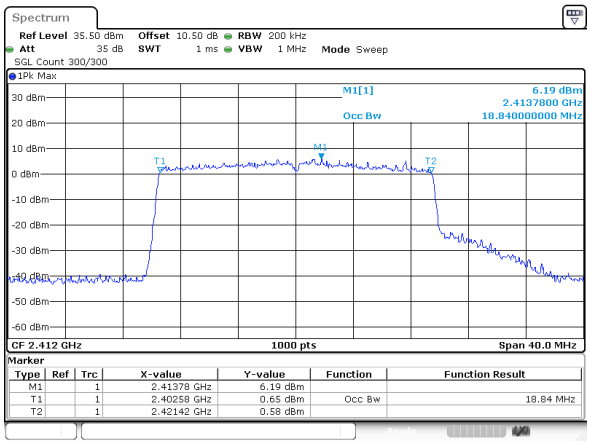


802.11be20_RU_Full_2462MHz_Chain 0

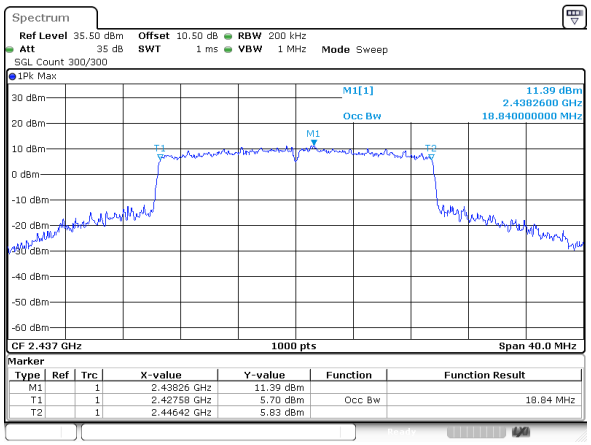


Chain 1

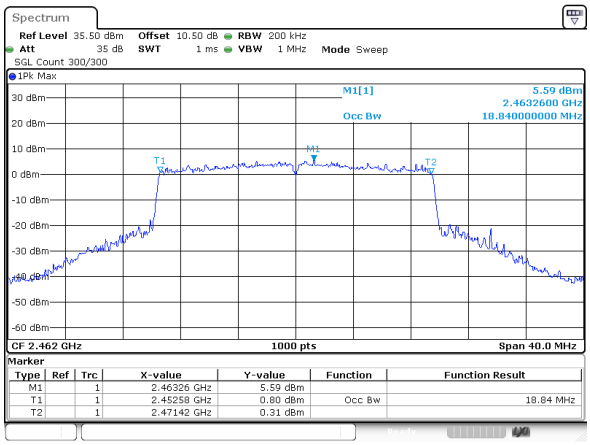
802.11be20_RU_Full_2412MHz_Chain 1



802.11be20_RU_Full_2437MHz_Chain 1

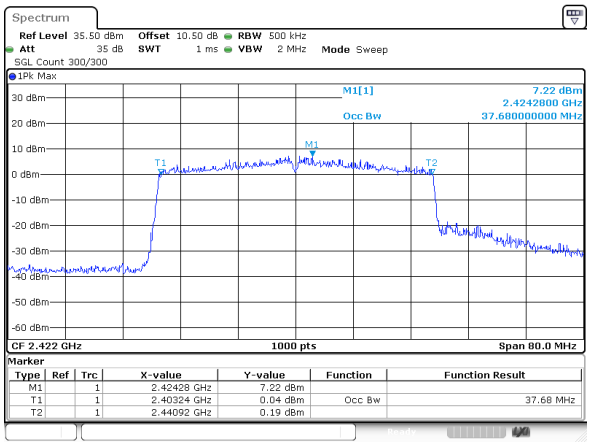


802.11be20_RU_Full_2462MHz_Chain 1



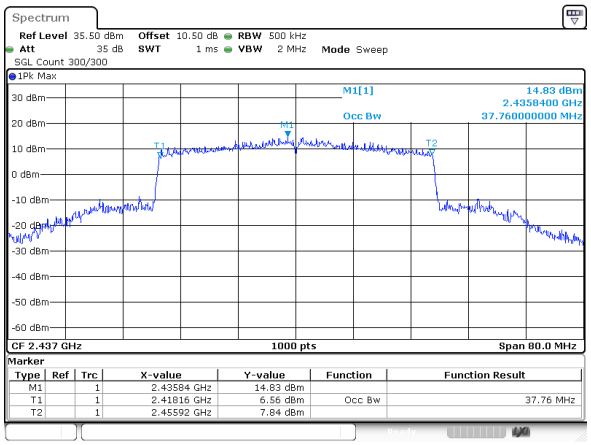
Chain 0

802.11be40_RU_Full_2422MHz_Chain 0



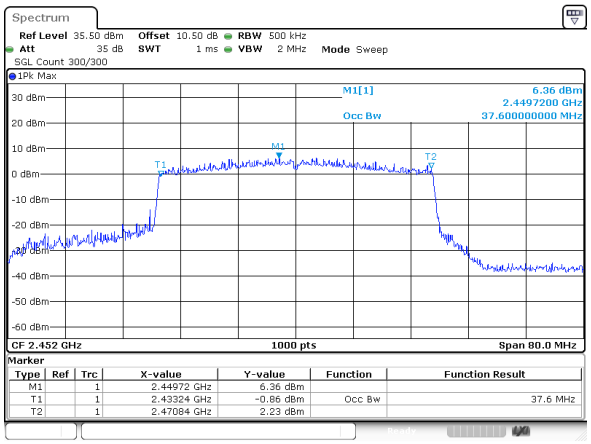
ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 21:27:09

802.11be40_RU_Full_2437MHz_Chain 0



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 21:29:24

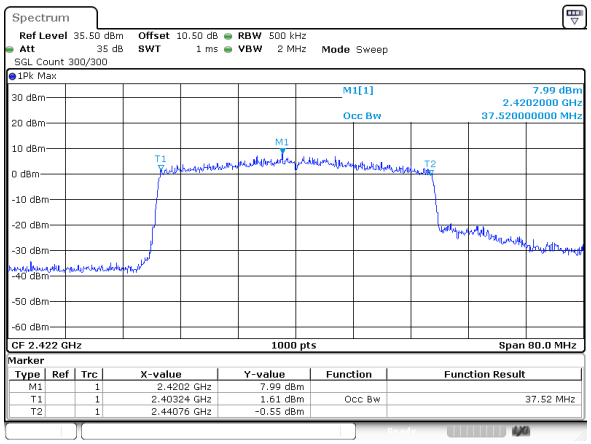
802.11be40_RU_Full_2452MHz_Chain 0



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 21:31:37

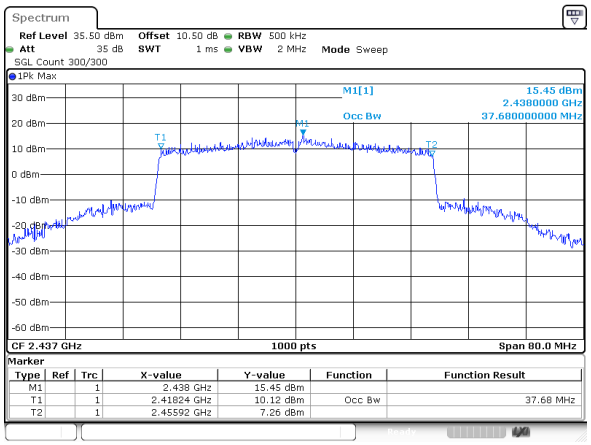
Chain 1

802.11be40_RU_Full_2422MHz_Chain 1



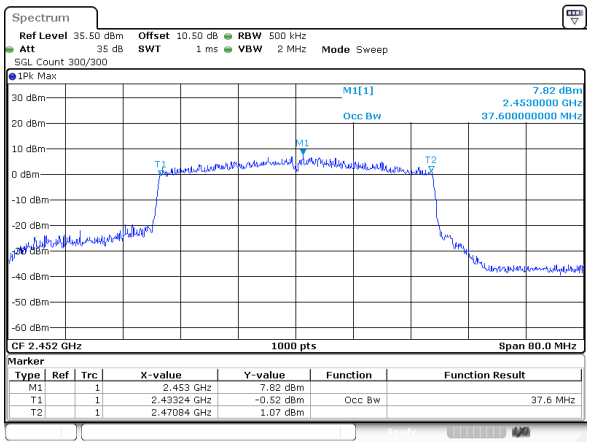
ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 23:20:45

802.11be40_RU_Full_2437MHz_Chain 1



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 23:22:14

802.11be40_RU_Full_2452MHz_Chain 1



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 23:23:32

Maximum Conducted Output Power

Mode	Antenna	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	EIRP (dBm)	EIRP Limit (IC) (dBm)	Verdict
802.11b	Chain 0	2412	21.11	30.00	24.97	36.00	Pass
		2437	23.11	30.00	26.97	36.00	Pass
		2462	20.84	30.00	24.70	36.00	Pass
	Chain 1	2412	23.10	30.00	26.75	36.00	Pass
		2437	23.28	30.00	26.93	36.00	Pass
		2462	22.95	30.00	26.60	36.00	Pass
802.11g	Chain 0	2412	20.84	30.00	24.70	36.00	Pass
		2437	22.20	30.00	26.06	36.00	Pass
		2462	20.56	30.00	24.42	36.00	Pass
	Chain 1	2412	20.14	30.00	23.79	36.00	Pass
		2437	22.33	30.00	25.98	36.00	Pass
		2462	19.91	30.00	23.56	36.00	Pass
802.11n20	Chain 0	2412	18.92	30.00	22.78	36.00	Pass
		2437	20.56	30.00	24.42	36.00	Pass
		2462	19.03	30.00	22.89	36.00	Pass
	Chain 1	2412	19.16	30.00	22.81	36.00	Pass
		2437	20.70	30.00	24.35	36.00	Pass
		2462	18.73	30.00	22.38	36.00	Pass
	Total	2412	22.05	29.23	28.82	36.00	Pass
		2437	23.64	29.23	30.41	36.00	Pass
		2462	21.89	29.23	28.66	36.00	Pass
802.11n40	Chain 0	2422	17.90	30.00	21.76	36.00	Pass
		2437	20.73	30.00	24.59	36.00	Pass
		2452	17.82	30.00	21.68	36.00	Pass
	Chain 1	2422	17.69	30.00	21.34	36.00	Pass
		2437	20.80	30.00	24.45	36.00	Pass
		2452	17.58	30.00	21.23	36.00	Pass
	Total	2422	20.81	29.23	27.58	36.00	Pass
		2437	23.78	29.23	30.55	36.00	Pass
		2452	20.71	29.23	27.48	36.00	Pass

Mode	Antenna	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	EIRP (dBm)	EIRP Limit (IC) (dBm)	Verdict
802.11be20_RU_Full	Chain 0	2412	19.14	30.00	23.00	36.00	Pass
		2437	20.40	30.00	24.26	36.00	Pass
		2462	18.72	30.00	22.58	36.00	Pass
	Chain 1	2412	18.49	30.00	22.14	36.00	Pass
		2437	20.83	30.00	24.48	36.00	Pass
		2462	18.10	30.00	21.75	36.00	Pass
	Total	2412	21.84	29.23	28.61	36.00	Pass
		2437	23.63	29.23	30.40	36.00	Pass
		2462	21.43	29.23	28.20	36.00	Pass
802.11be40_RU_Full	Chain 0	2422	17.37	30.00	21.23	36.00	Pass
		2437	20.90	30.00	24.76	36.00	Pass
		2452	17.22	30.00	21.08	36.00	Pass
	Chain 1	2422	17.45	30.00	21.10	36.00	Pass
		2437	20.97	30.00	24.62	36.00	Pass
		2452	17.29	30.00	20.94	36.00	Pass
	Total	2422	20.42	29.23	27.19	36.00	Pass
		2437	**23.95**	29.23	**30.72**	36.00	Pass
		2452	20.27	29.23	27.04	36.00	Pass

Note: For 802.11n/ax/be modes, the device support beam-forming function, per KDB 662911 D01 Multiple Transmitter Output v02r01:

- $$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$$

where
Each antenna is driven by no more than one spatial stream;
N_{SS} = the number of independent spatial streams of data;
N_{ANT} = the total number of antennas
$g_{j,k} = 10^{G_k/20}$ if the k_{th} antenna is being fed by spatial stream j, or zero if it is not;
G_k is the gain in dBi of the k_{th} antenna.

Chain 0	Antenna Gain	3.86	dBi	Directional Gain:	6.77	dBi
Chain 1	Antenna Gain	3.65	dBi			

Power Spectral Density

Mode	Antenna	Test Frequency (MHz)	Result (dBm/10kHz)	DC Factor (dB)	PSD (dBm/10kHz)	Limit (dBm/3kHz)	Verdict
802.11b	Chain 0	2412	-4.07	/	-4.07	8.00	Pass
		2437	**-2.13**	/	**-2.13**	8.00	Pass
		2462	-4.74	/	-4.74	8.00	Pass
	Chain 1	2412	-2.28	/	-2.28	8.00	Pass
		2437	-2.22	/	-2.22	8.00	Pass
		2462	-2.99	/	-2.99	8.00	Pass
802.11g	Chain 0	2412	-7.57	0.19	-7.38	8.00	Pass
		2437	-5.96	0.19	-5.77	8.00	Pass
		2462	-7.87	0.19	-7.68	8.00	Pass
	Chain 1	2412	-8.53	0.17	-8.36	8.00	Pass
		2437	**-6.31**	0.17	-6.14	8.00	Pass
		2462	-8.17	0.17	-8.00	8.00	Pass
802.11n20	Chain 0	2412	-9.16	0.20	-8.96	8.00	Pass
		2437	-7.63	0.20	-7.43	8.00	Pass
		2462	-9.53	0.2	-9.33	8.00	Pass
	Chain 1	2412	-8.45	0.18	-8.27	8.00	Pass
		2437	-7.11	0.18	-6.93	8.00	Pass
		2462	-8.99	0.18	-8.81	8.00	Pass
	Total	2412	/	/	-5.59	7.23	Pass
		2437	/	/	-4.16	7.23	Pass
		2462	/	/	-6.05	7.23	Pass
802.11n40	Chain 0	2422	-12.24	0.34	-11.90	8.00	Pass
		2437	-9.14	0.34	-8.80	8.00	Pass
		2452	-11.98	0.34	-11.64	8.00	Pass
	Chain 1	2422	-12.68	0.40	-12.28	8.00	Pass
		2437	-9.29	0.40	-8.89	8.00	Pass
		2452	-12.88	0.40	-12.48	8.00	Pass
	Total	2422	/	/	-9.08	7.23	Pass
		2437	/	/	-5.83	7.23	Pass
		2452	/	/	-9.03	7.23	Pass

Mode	Antenna	Test Frequency (MHz)	Result (dBm/10kHz)	DC Factor (dB)	PSD (dBm/10kHz)	Limit (dBm/3kHz)	Verdict
802.11be20_RU_Full	Chain 0	2412	-9.50	0.19	-9.31	8.00	Pass
		2437	-6.39	0.19	-6.20	8.00	Pass
		2462	-10.10	0.19	-9.91	8.00	Pass
	Chain 1	2412	-9.08	0.19	-8.89	8.00	Pass
		2437	-7.43	0.19	-7.24	8.00	Pass
		2462	-10.35	0.19	-10.16	8.00	Pass
	Total	2412	/	/	-6.08	7.23	Pass
		2437	/	/	-3.68	7.23	Pass
		2462	/	/	-7.02	7.23	Pass
802.11be40_RU_Full	Chain 0	2422	-11.90	0.35	-11.55	8.00	Pass
		2437	-9.00	0.35	-8.65	8.00	Pass
		2452	-11.49	0.35	-11.14	8.00	Pass
	Chain 1	2422	-13.07	0.35	-12.72	8.00	Pass
		2437	-9.76	0.35	-9.41	8.00	Pass
		2452	-12.21	0.35	-11.86	8.00	Pass
	Total	2422	/	/	-9.09	7.23	Pass
		2437	/	/	-6.00	7.23	Pass
		2452	/	/	-8.47	7.23	Pass

Note:
1. PSD= Result+ DC Factor
2. For 802.11n/ax/be modes, the device support beam-forming function, per KDB 662911 D01 Multiple Transmitter Output v02r01:

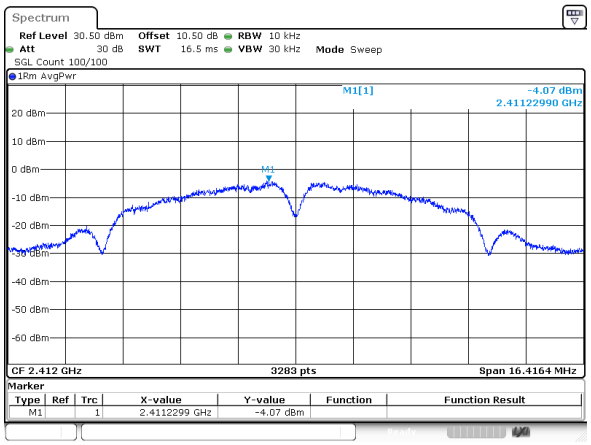
- $$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$$

where
Each antenna is driven by no more than one spatial stream;
N_{SS} = the number of independent spatial streams of data;
N_{ANT} = the total number of antennas
$g_{j,k} = 10^{G_k/20}$ if the k_{th} antenna is being fed by spatial stream j, or zero if it is not;
G_k is the gain in dBi of the k_{th} antenna.

Chain 0	Antenna Gain	3.86	dBi	Directional Gain:	6.77	dBi
Chain 1	Antenna Gain	3.65	dBi			

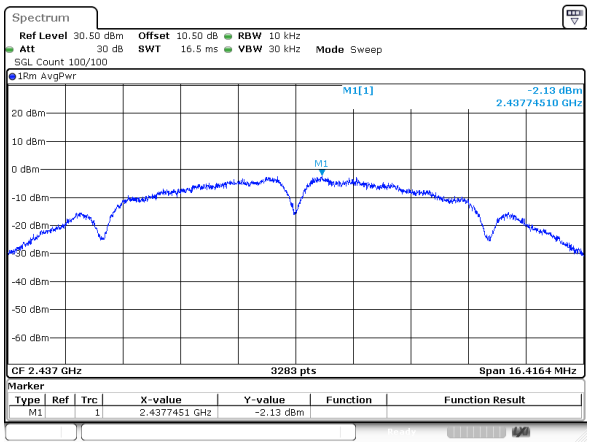
Chain 0

802.11b_2412MHz_Chain 0



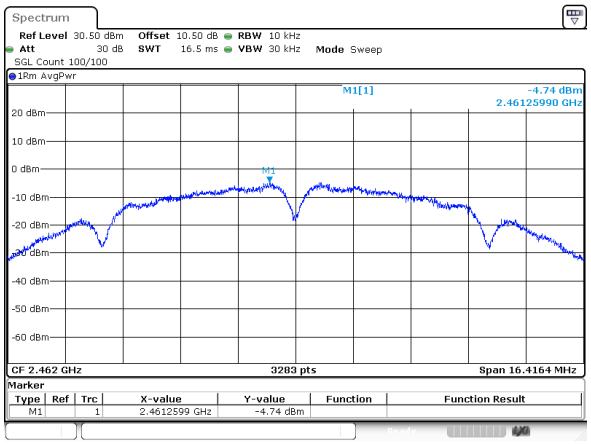
ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 6.MAY.2026 19:55:36

802.11b_2437MHz_Chain 0



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 20:43:42

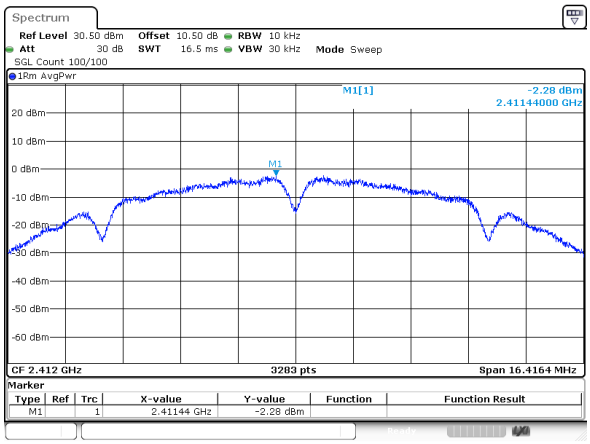
802.11b_2462MHz_Chain 0



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 6.MAY.2026 19:56:11

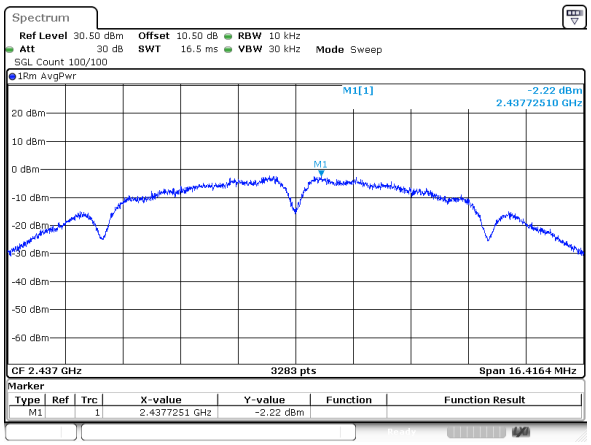
Chain 1

802.11b_2412MHz_Chain 1



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 6.MAY.2026 21:25:05

802.11b_2437MHz_Chain 1



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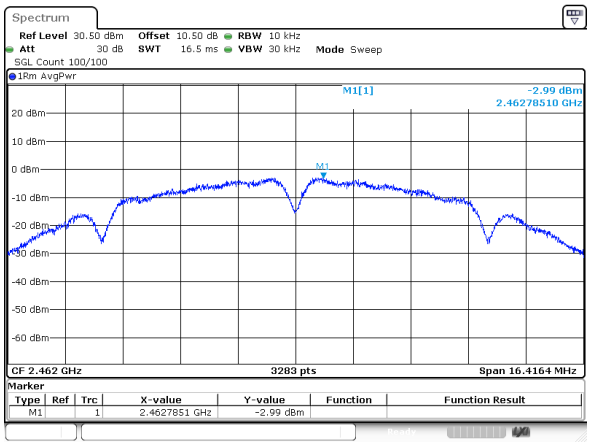
Date: 1.MAY.2026 00:08:53

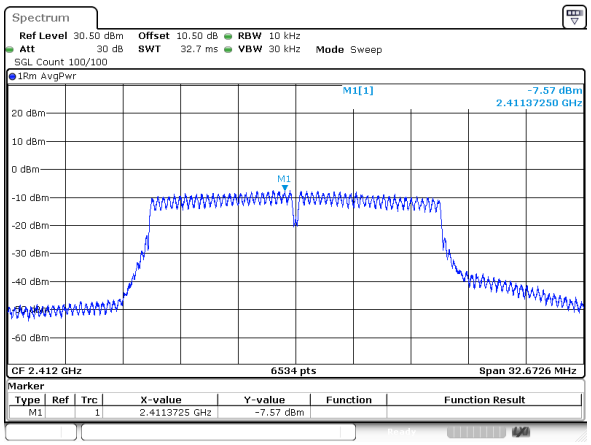
802.11b_2462MHz_Chain 1



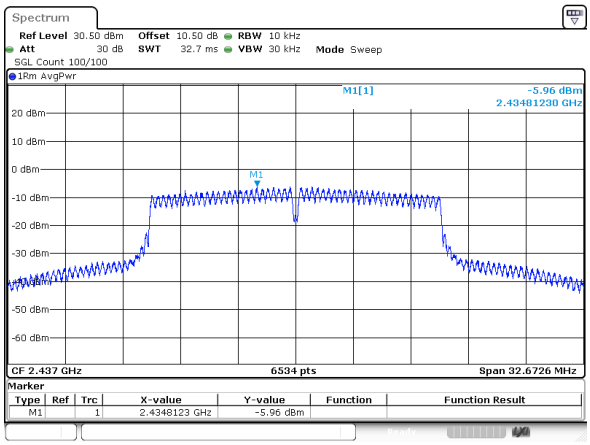
ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 6.MAY.2026 21:25:33

Chain 0

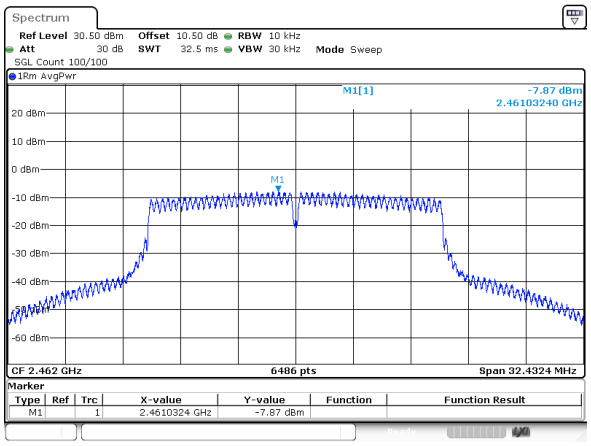
802.11g_2412MHz_Chain 0



802.11g_2437MHz_Chain 0

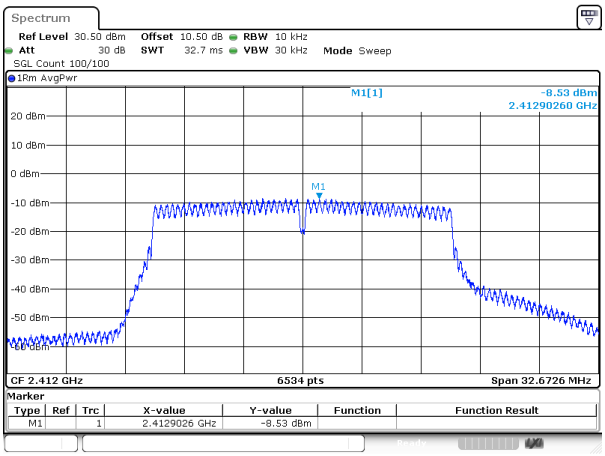


802.11g_2462MHz_Chain 0

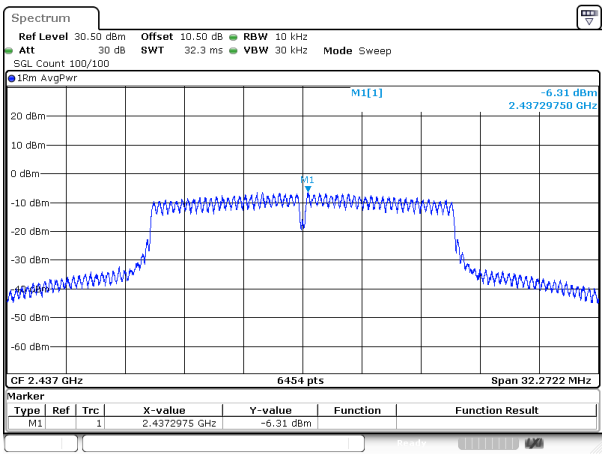


Chain 1

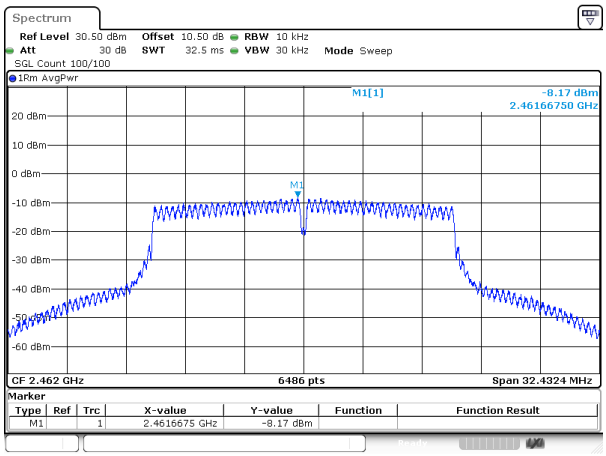
802.11g_2412MHz_Chain 1



802.11g_2437MHz_Chain 1

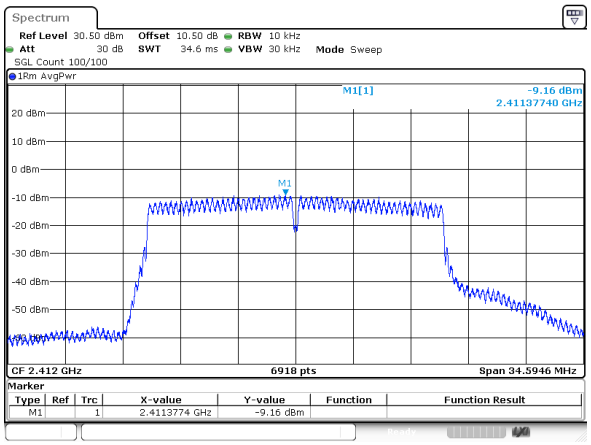


802.11g_2462MHz_Chain 1

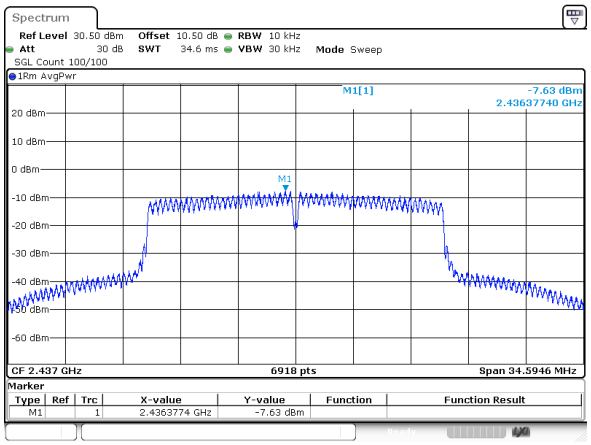


Chain 0

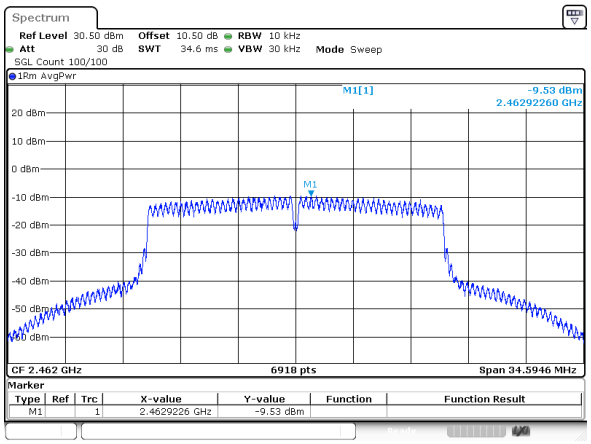
802.11n20_2412MHz_Chain 0



802.11n20_2437MHz_Chain 0

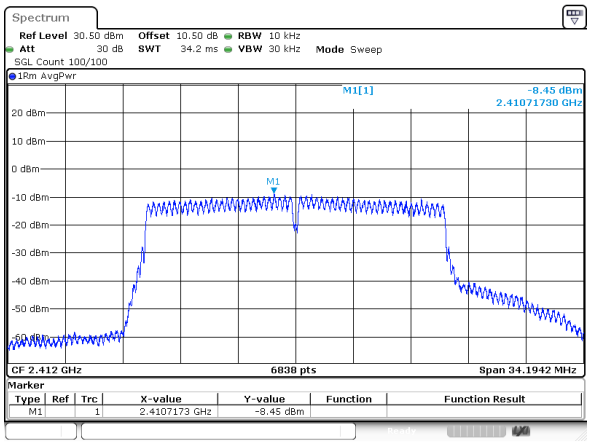


802.11n20_2462MHz_Chain 0

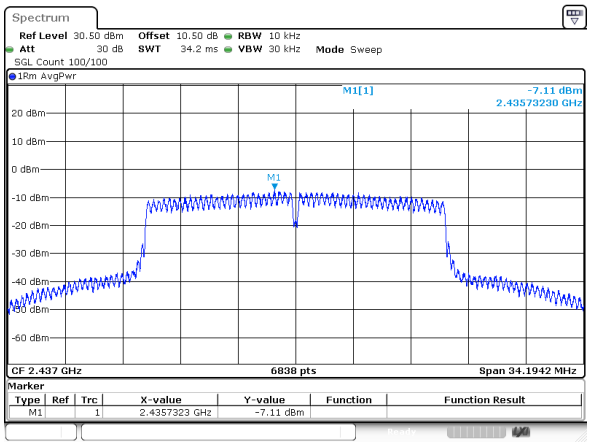


Chain 1

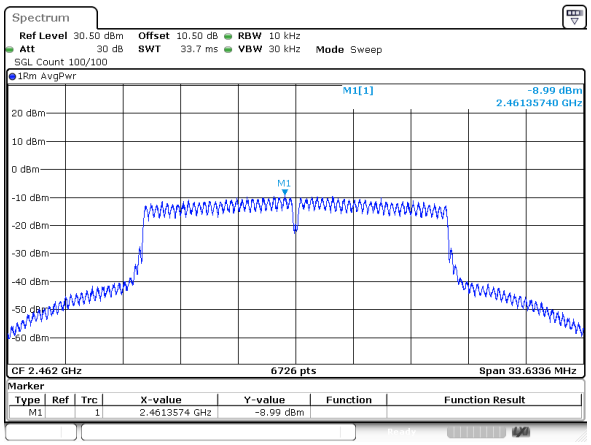
802.11n20_2412MHz_Chain 1



802.11n20_2437MHz_Chain 1

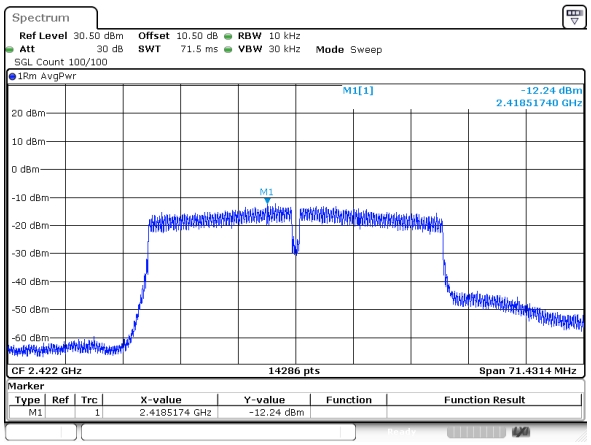


802.11n20_2462MHz_Chain 1

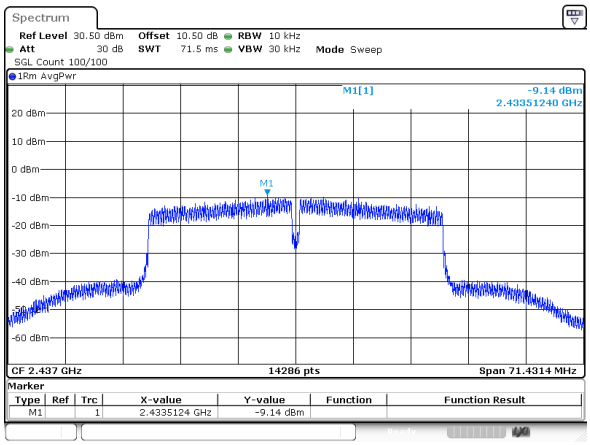


Chain 0

802.11n40_2422MHz_Chain 0

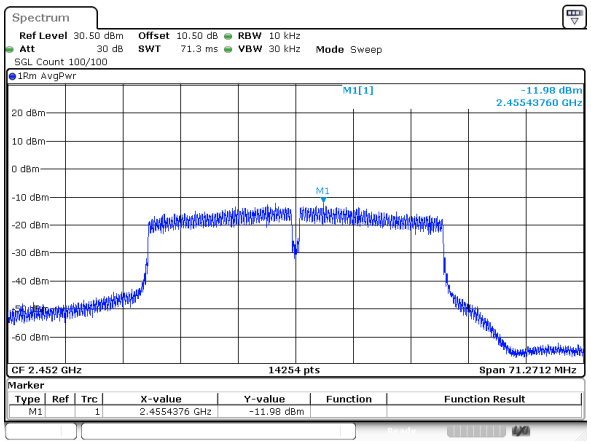


802.11n40_2437MHz_Chain 0

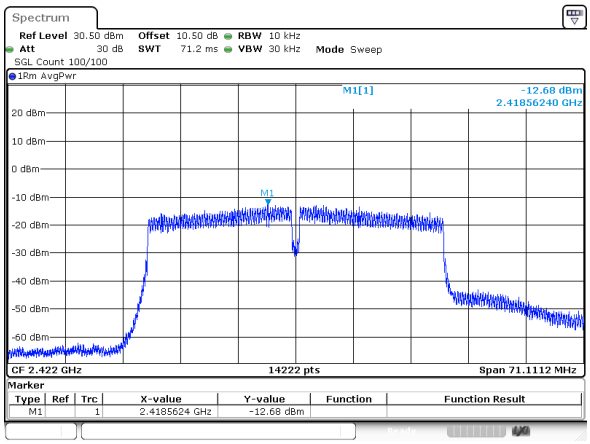


Chain 1

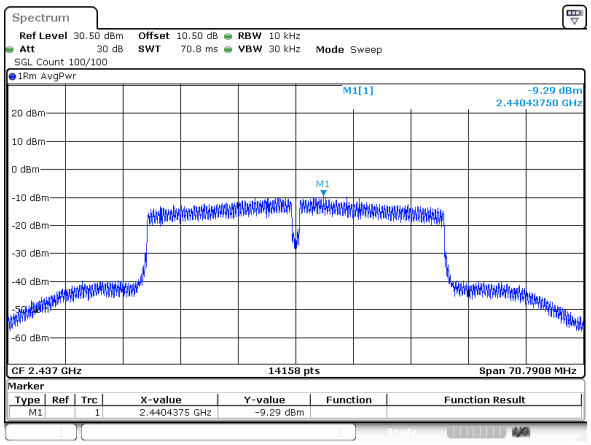
802.11n40_2452MHz_Chain 0



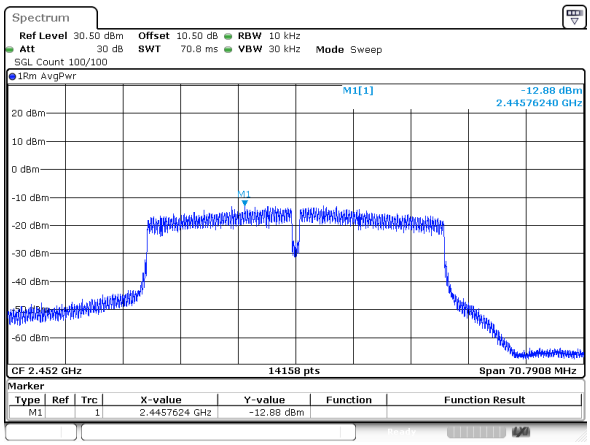
802.11n40_2422MHz_Chain 1



802.11n40_2437MHz_Chain 1

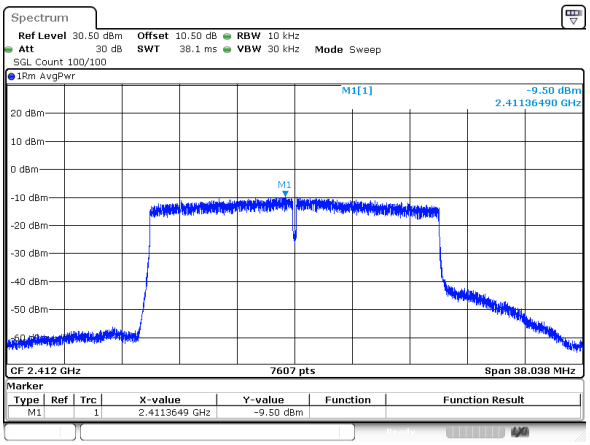


802.11n40_2452MHz_Chain 1

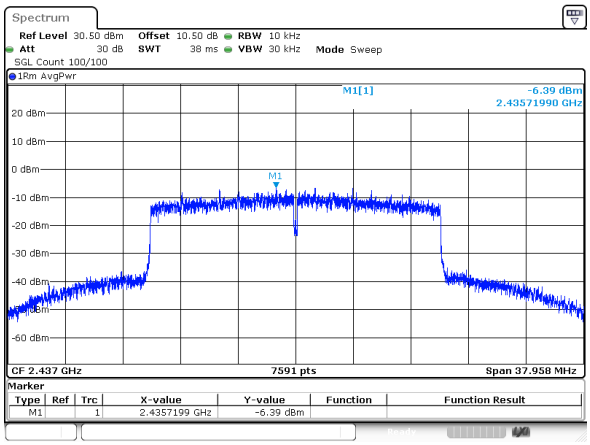


Chain 0

802.11be20_RU_Full_2412MHz_Chain 0

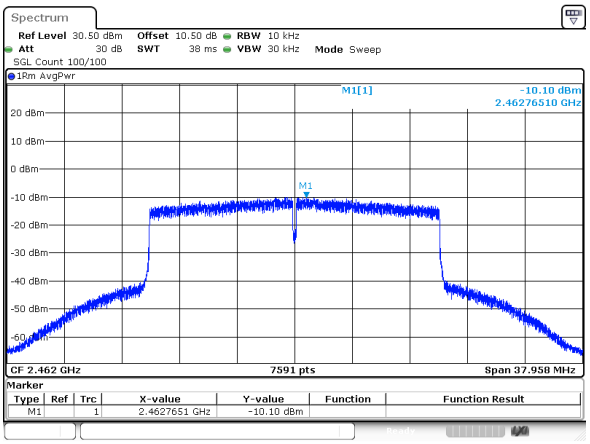


802.11be20_RU_Full_2437MHz_Chain 0

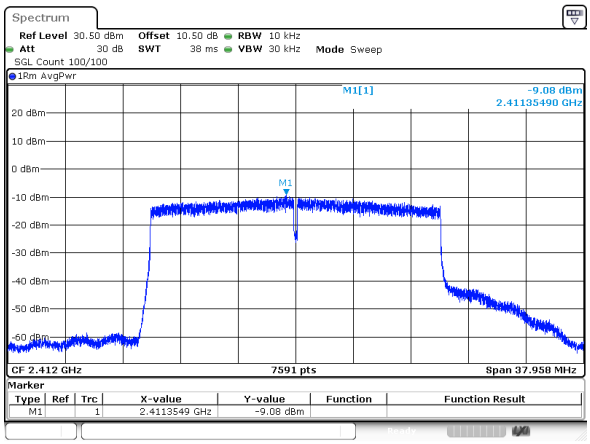


Chain 1

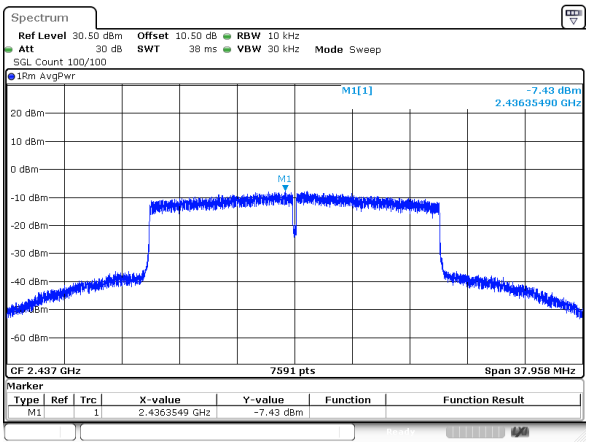
802.11be20_RU_Full_2462MHz_Chain 0



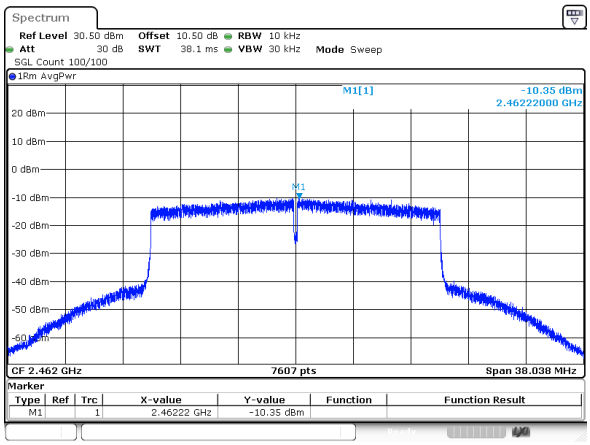
802.11be20_RU_Full_2412MHz_Chain 1



802.11be20_RU_Full_2437MHz_Chain 1

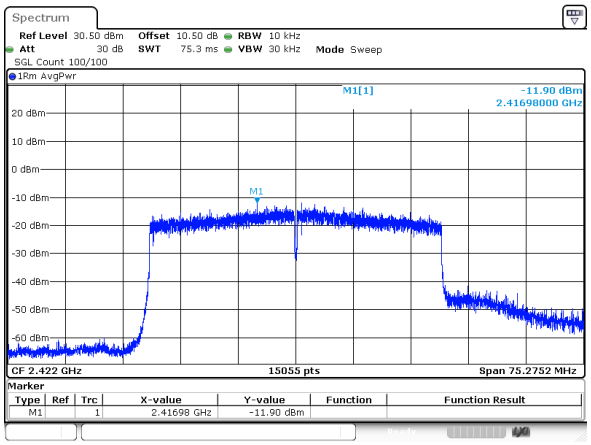


802.11be20_RU_Full_2462MHz_Chain 1



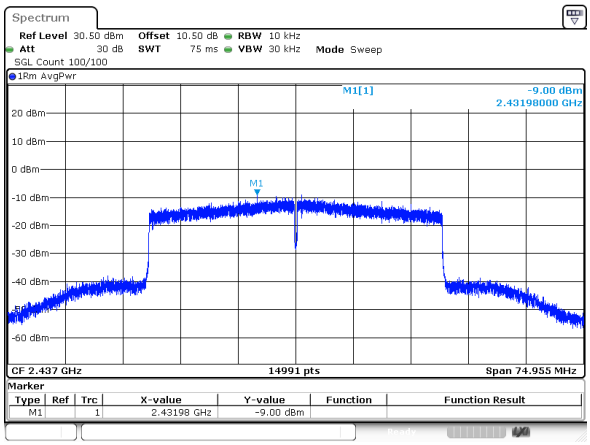
Chain 0

802.11be40_RU_Full_2422MHz_Chain 0



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 6.MAY.2026 20:11:04

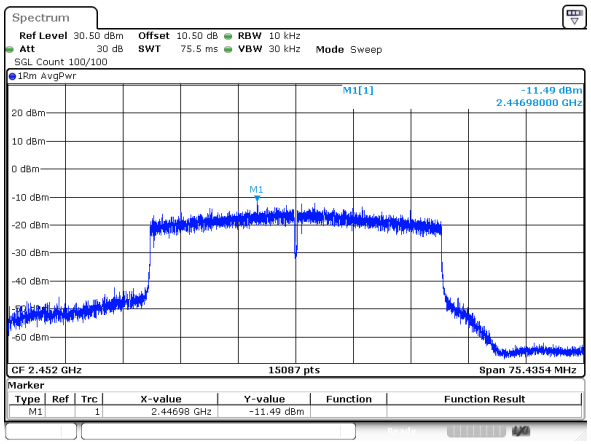
802.11be40_RU_Full_2437MHz_Chain 0



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 30.APR.2026 21:30:41

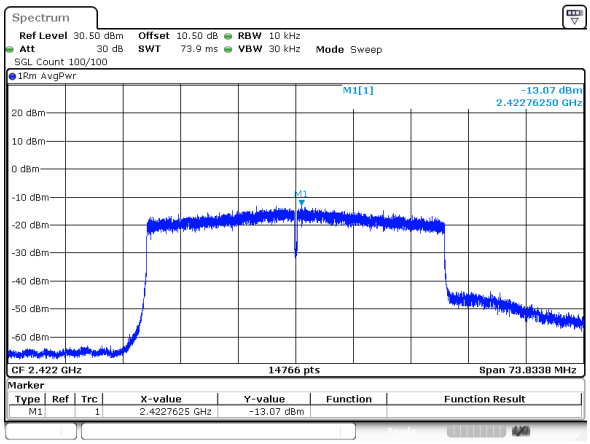
Chain 1

802.11be40_RU_Full_2452MHz_Chain 0



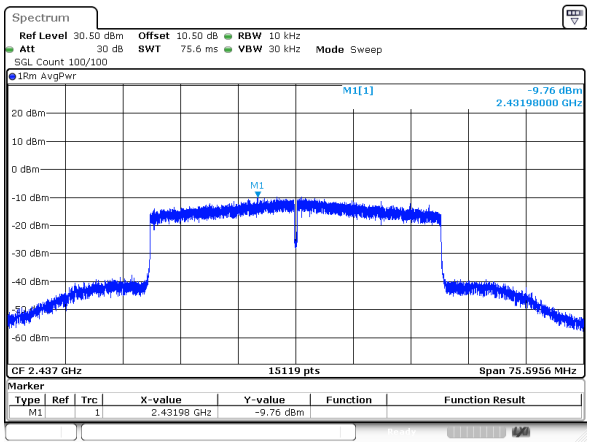
ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 6.MAY.2026 20:12:05

802.11be40_RU_Full_2422MHz_Chain 1



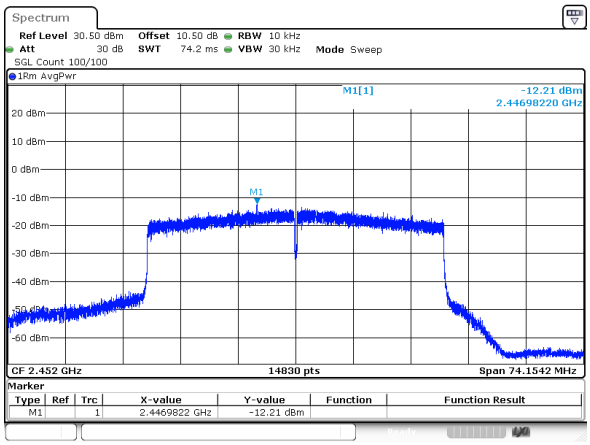
ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 6.MAY.2026 21:09:22

802.11be40_RU_Full_2437MHz_Chain 1



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 1.MAY.2026 00:22:29

802.11be40_RU_Full_2452MHz_Chain 1

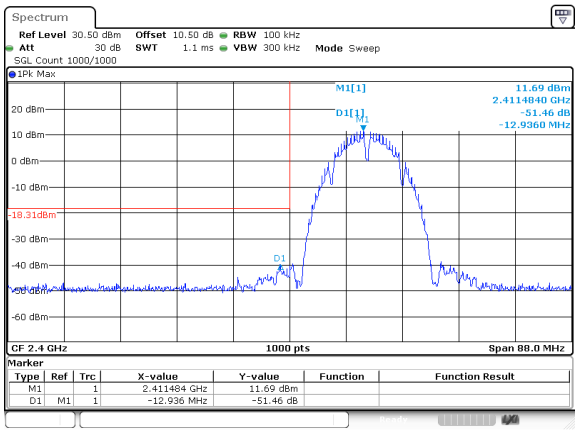


ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 6.MAY.2026 21:10:08

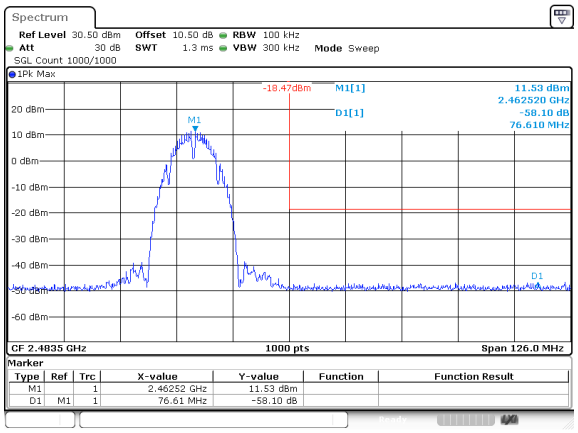
100 kHz Bandwidth of Frequency Band Edge

Chain 0

802.11b_2412MHz_Chain 0

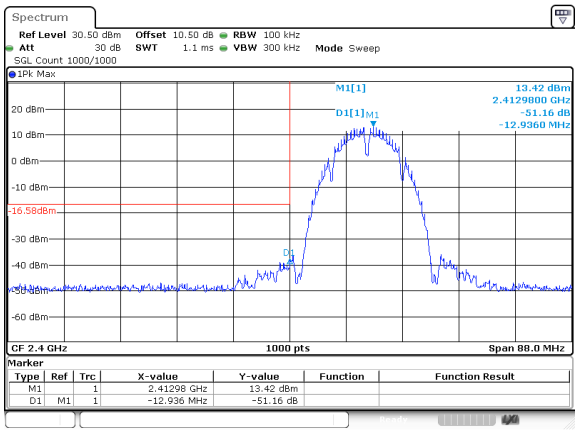


802.11b_2462MHz_Chain 0

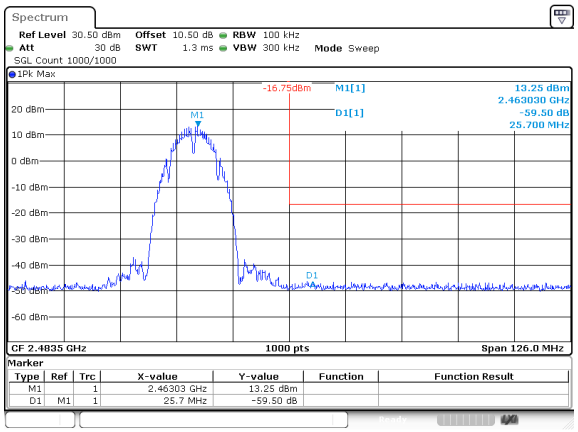


Chain 1

802.11b_2412MHz_Chain 1

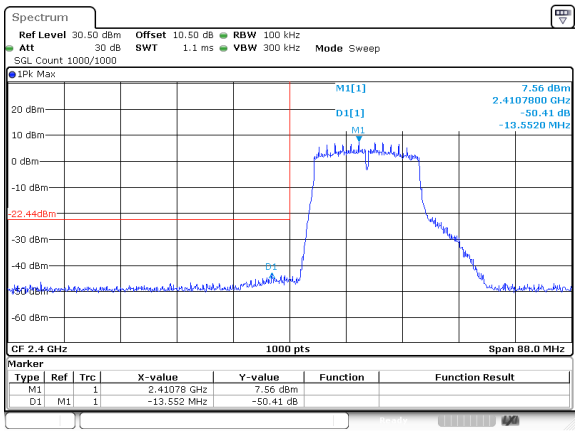


802.11b_2462MHz_Chain 1

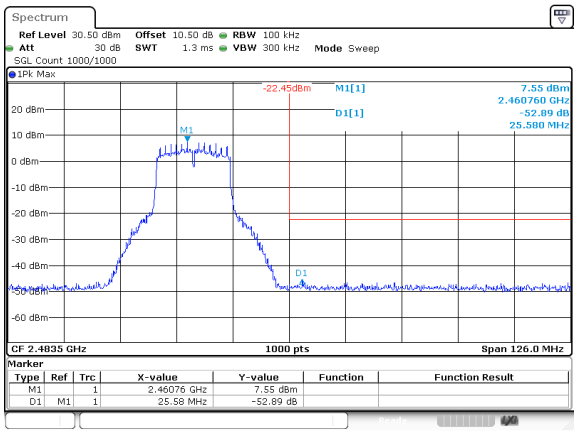


Chain 0

802.11g_2412MHz_Chain 0

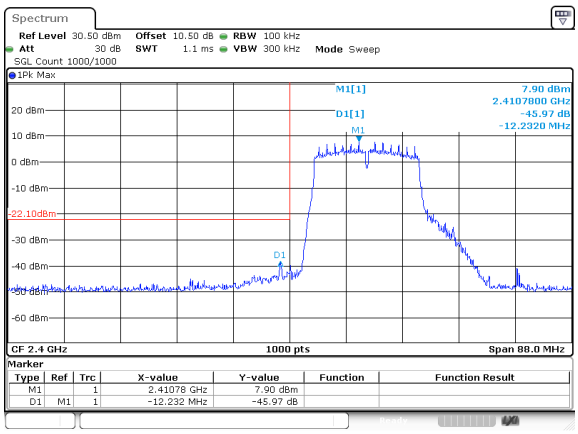


802.11g_2462MHz_Chain 0



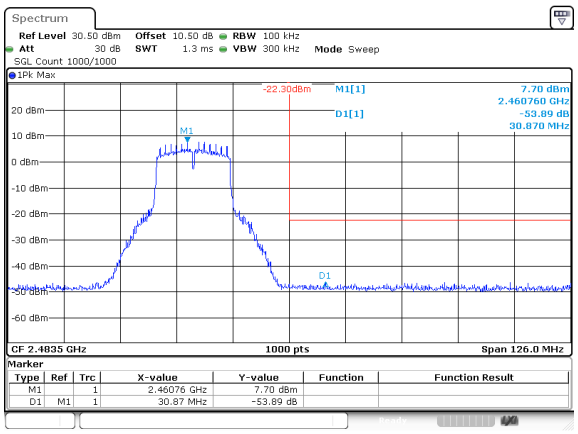
Chain 1

802.11g_2412MHz_Chain 1



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 23.JUN.2026 23:21:30

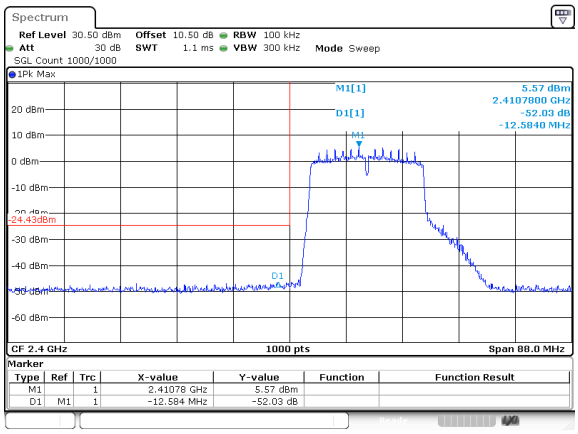
802.11g_2462MHz_Chain 1



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 23.JUN.2026 23:22:02

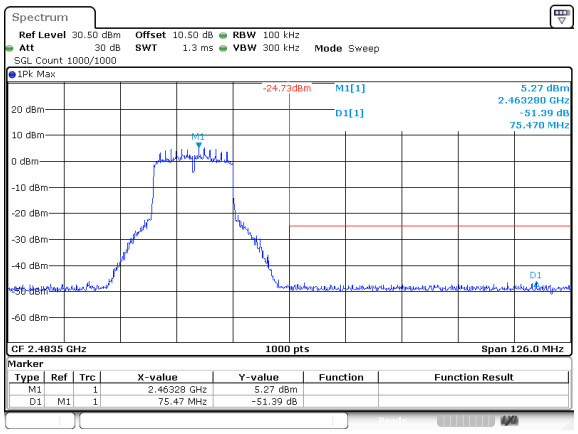
Chain 0

802.11n20_2412MHz_Chain 0



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 23.JUN.2026 23:11:36

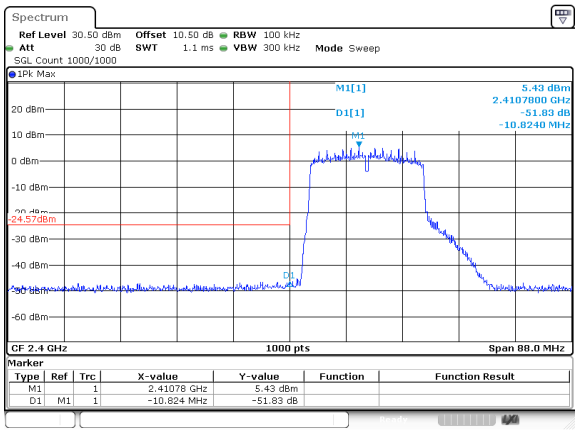
802.11n20_2462MHz_Chain 0



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 23.JUN.2026 23:12:08

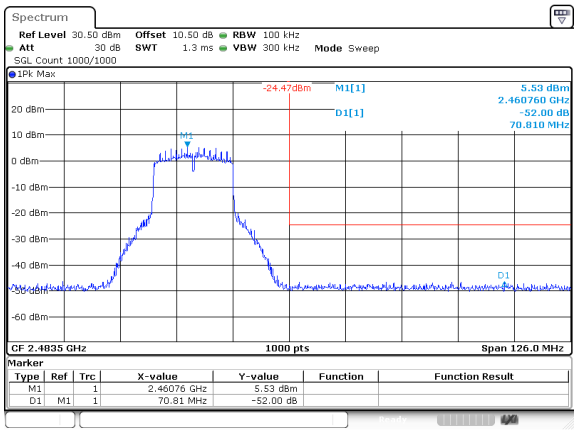
Chain 1

802.11n20_2412MHz_Chain 1



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 23.JUN.2026 23:34:25

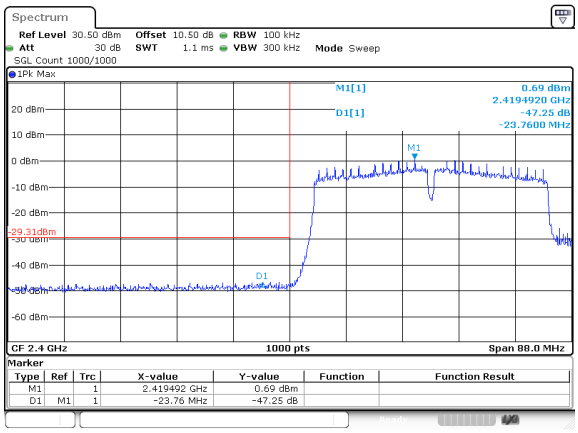
802.11n20_2462MHz_Chain 1



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 23.JUN.2026 23:34:57

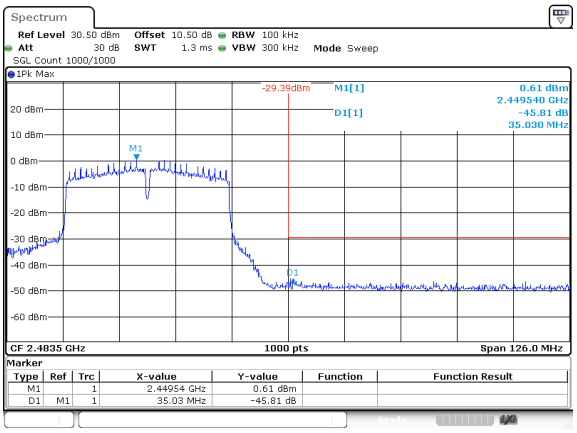
Chain 0

802.11n40_2422MHz_Chain 0



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 23.JUN.2026 23:13:09

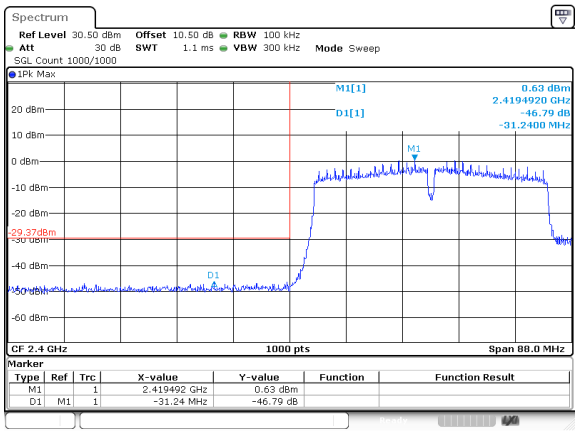
802.11n40_2452MHz_Chain 0



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 23.JUN.2026 23:14:24

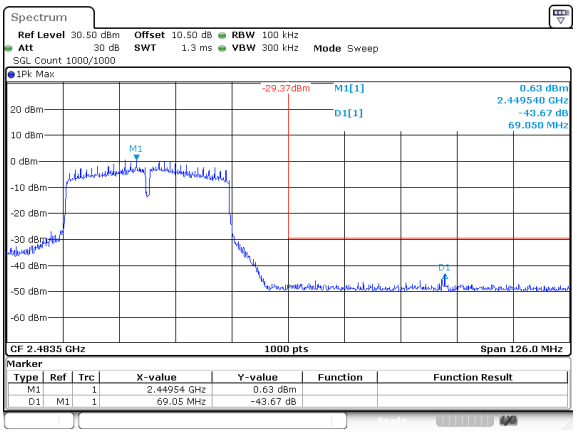
Chain 1

802.11n40_2422MHz_Chain 1



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 23.JUN.2026 23:35:49

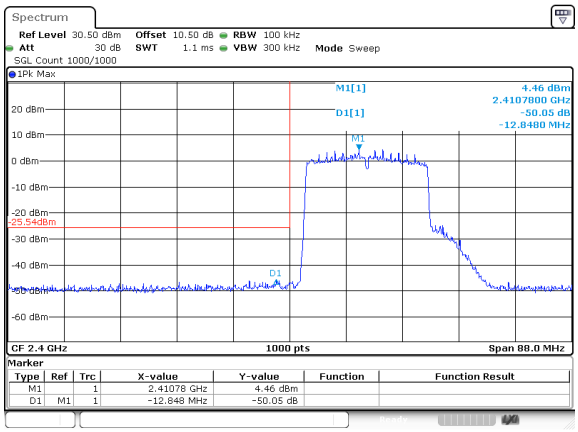
802.11n40_2452MHz_Chain 1



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 23.JUN.2026 23:36:20

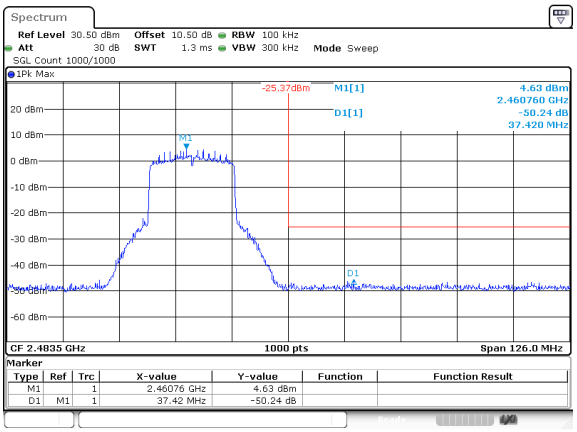
Chain 0

802.11be20_2412MHz_Chain 0



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
Date: 23.JUN.2026 23:07:04

802.11be20_2462MHz_Chain 0



ProjectNo.:2601S31667E-RF Tester:Ethan Bu
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