

Test Information:

Sample No.:	30YZ-2	Test Date:	2025/05/16~2025/05/22
Test Site:	RF	Test Mode:	Transmitting
Tester:	Chin Qin	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25-25.2	Relative Humidity: (%)	53-68	ATM Pressure: (kPa)	100.2-100.6
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Anritsu	Pulse Power Sensor	MA2411A	10780	2024/08/03	2025/08/02
Anritsu	Power Meter	ML2495A	1106009	2024/08/03	2025/08/02
R&S	Spectrum Analyzer	FSU26	100147	2025/03/31	2026/03/30
R&S	Spectrum Analyzer	FSU26	200256	2025/03/31	2026/03/30
eastsheep	Coaxial Attenuator	2W-SMA-JK-18G	21060301	Each time	N/A

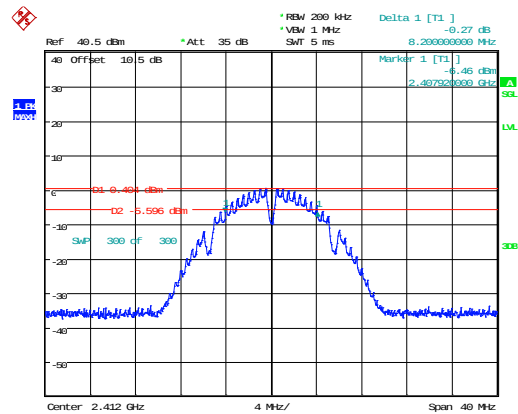
* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

6dB Emission Bandwidth

Mode	Antenna	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11b	Chain 0	2412	8.200	≥ 0.5	Pass
		2437	8.200	≥ 0.5	Pass
		2462	8.160	≥ 0.5	Pass
	Chain 1	2412	8.192	≥ 0.5	Pass
		2437	8.160	≥ 0.5	Pass
		2462	8.192	≥ 0.5	Pass
802.11g	Chain 0	2412	16.080	≥ 0.5	Pass
		2437	16.400	≥ 0.5	Pass
		2462	16.240	≥ 0.5	Pass
	Chain 1	2412	16.160	≥ 0.5	Pass
		2437	16.064	≥ 0.5	Pass
		2462	16.096	≥ 0.5	Pass
802.11n20	Chain 0	2412	17.480	≥ 0.5	Pass
		2437	17.480	≥ 0.5	Pass
		2462	17.320	≥ 0.5	Pass
	Chain 1	2412	17.408	≥ 0.5	Pass
		2437	17.312	≥ 0.5	Pass
		2462	17.376	≥ 0.5	Pass

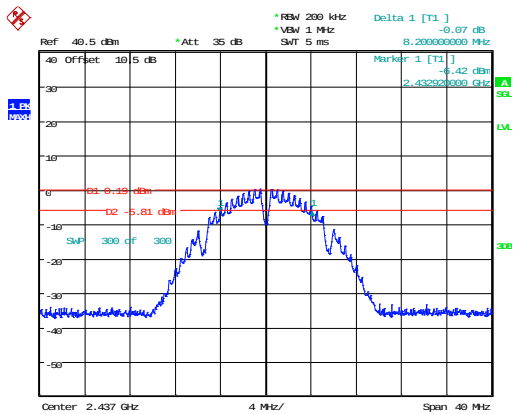
2.4G

802.11b_2412MHz_Chain 0



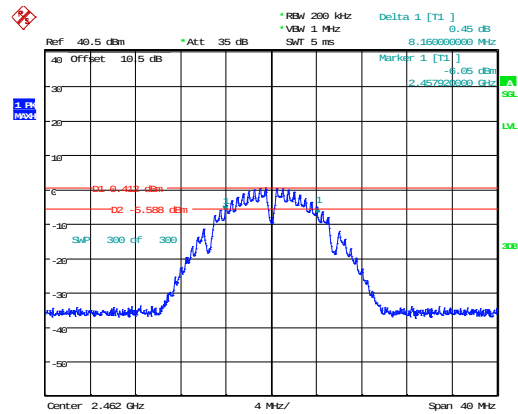
ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 16.MAY.2025 19:47:56

802.11b_2437MHz_Chain 0



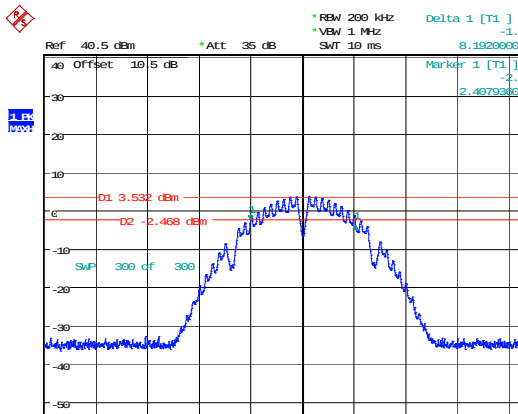
ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 16.MAY.2025 19:53:00

802.11b_2462MHz_Chain 0



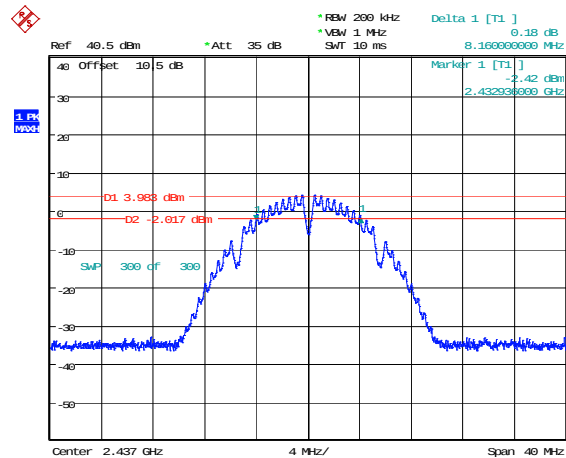
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802.11b_2412MHz_Chain 1



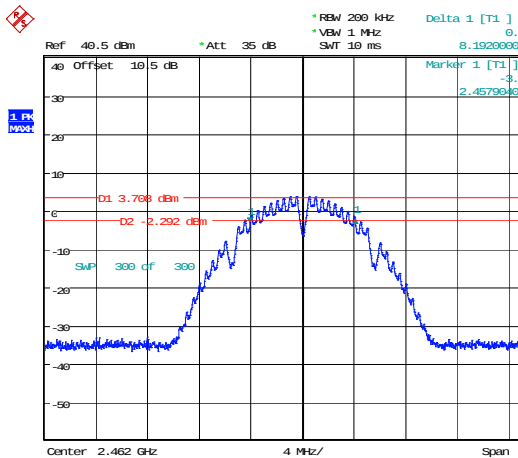
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Date: 22.MAY.2025 19:18:06

802.11b_2437MHz_Chain 1



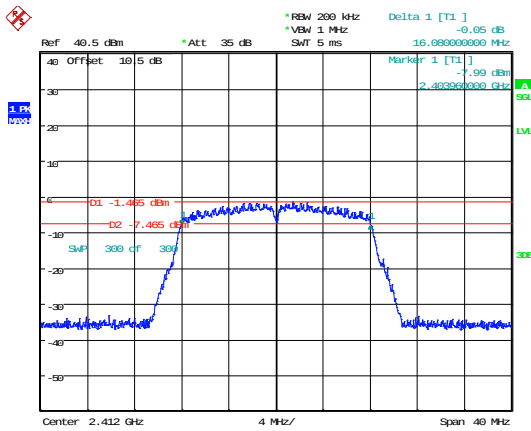
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Date: 22.MAY.2025 19:23:12

802.11b_2462MHz_Chain 1



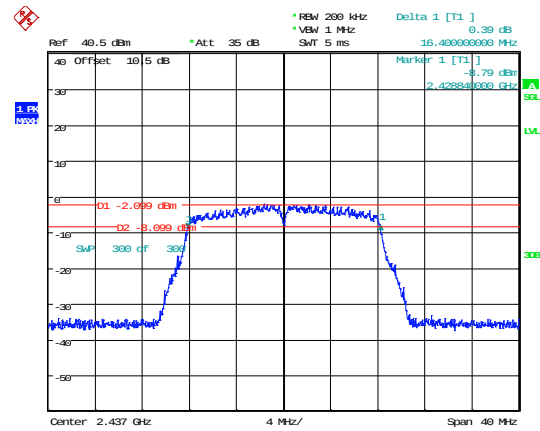
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Date: 22.MAY.2025 19:26:15

802.11g_2412MHz_Chain 0



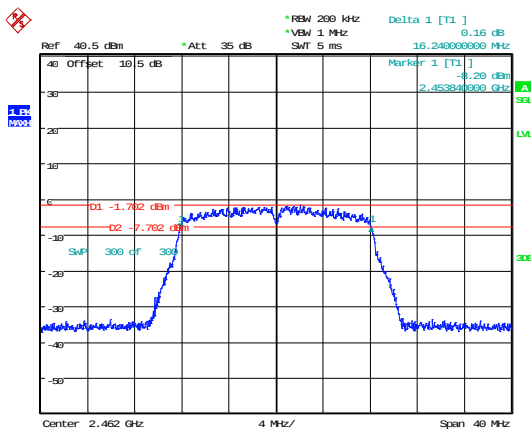
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802.11g_2437MHz_Chain 0



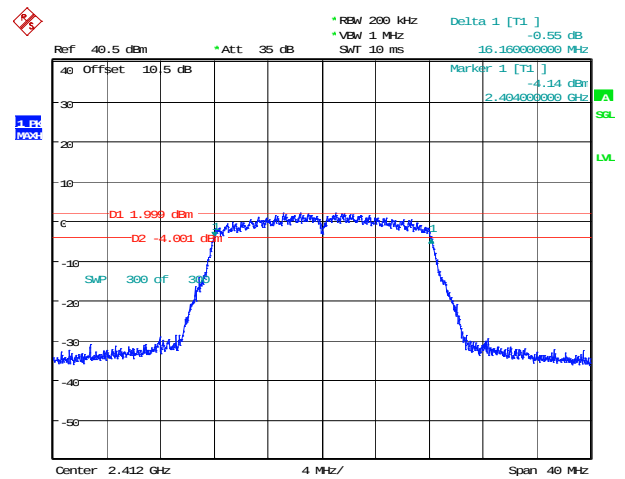
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802.11g_2462MHz_Chain 0



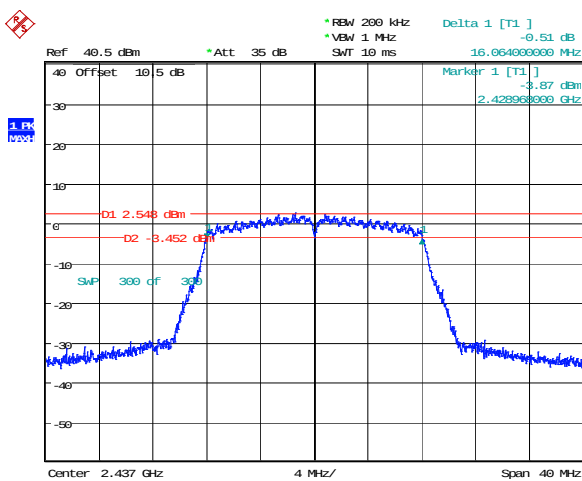
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802.11g_2412MHz_Chain 1



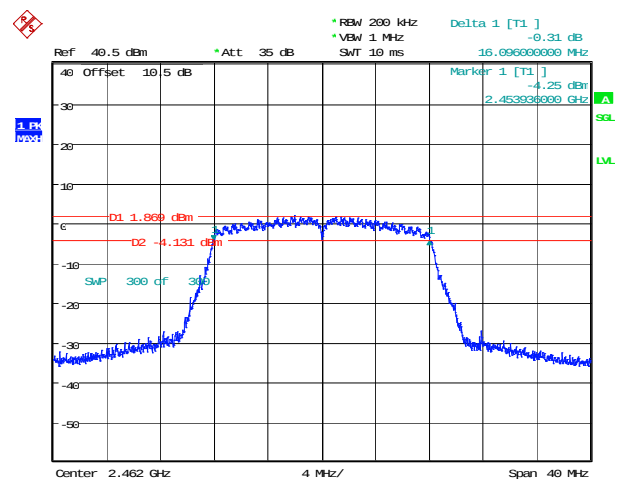
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Date: 22.MAY.2025 19:42:52

802.11g_2437MHz_Chain 1



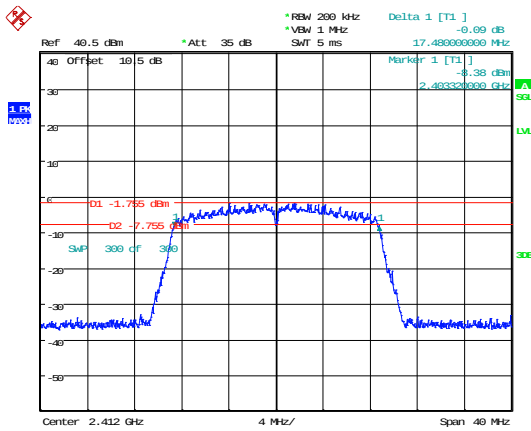
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802.11g_2462MHz_Chain 1



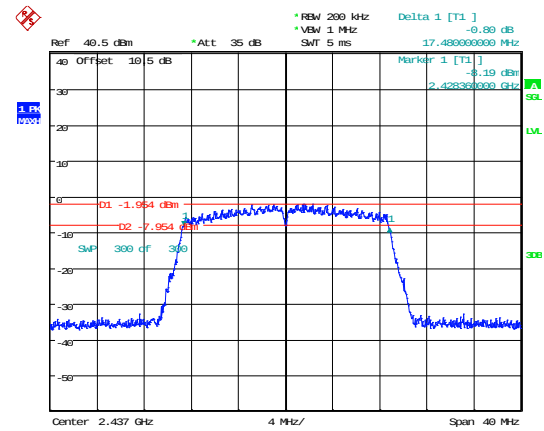
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Date: 22.MAY.2025 20:01:47

802.11n20_2412MHz_Chain 0



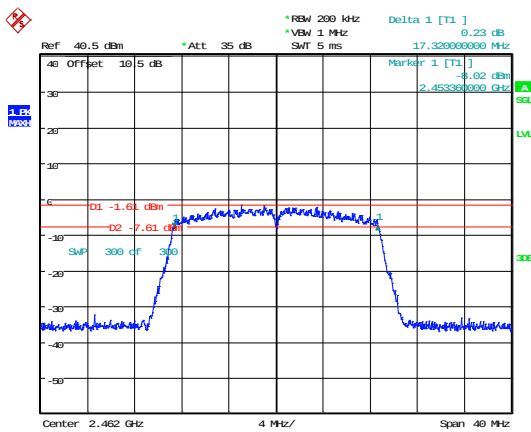
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Date: 16.MAY.2025 20:15:34

802.11n20_2437MHz_Chain 0



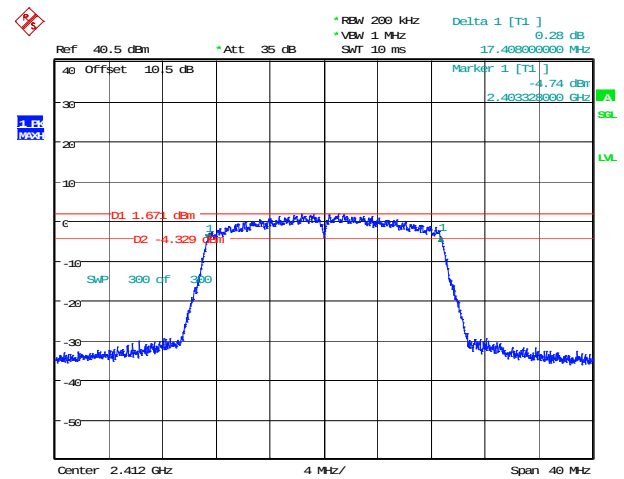
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802.11n20_2462MHz_Chain 0



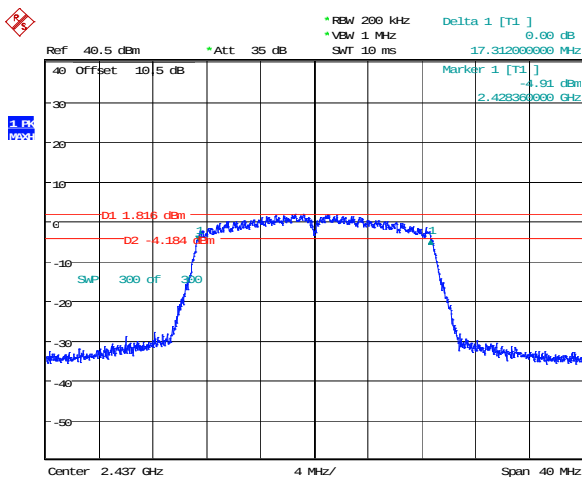
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802.11n20_2412MHz_Chain 1



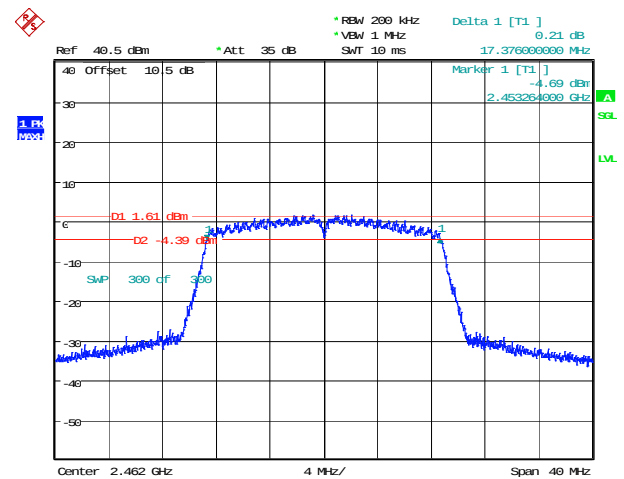
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Date: 22.MAY.2025 20:06:26

802.11n20_2437MHz_Chain 1



Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 22.MAY.2025 20:10:42

802.11n20_2462MHz_Chain 1



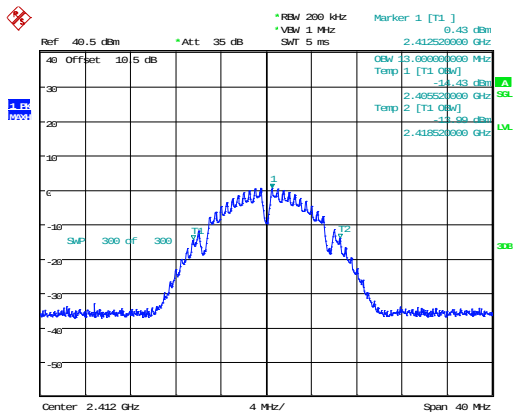
Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 22.MAY.2025 20:14:22

99% Occupied Bandwidth

Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)
802.11b	Chain 0	2412	13
		2437	13.160
		2462	13.040
	Chain 1	2412	12.992
		2437	12.960
		2462	13.024
802.11g	Chain 0	2412	16.560
		2437	16.640
		2462	16.640
	Chain 1	2412	16.576
		2437	16.608
		2462	16.640
802.11n20	Chain 0	2412	17.640
		2437	17.760
		2462	17.720
	Chain 1	2412	17.664
		2437	17.696
		2462	17.728

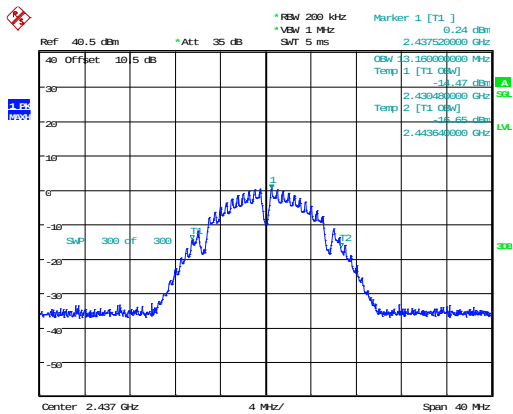
2.4G

802.11b_2412MHz_Chain 0



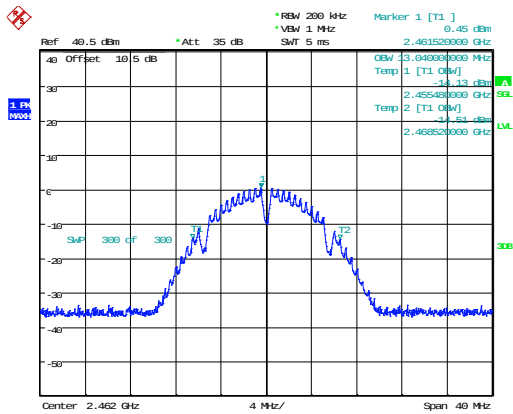
ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 16.MAY.2025 19:48:48

802.11b_2437MHz_Chain 0



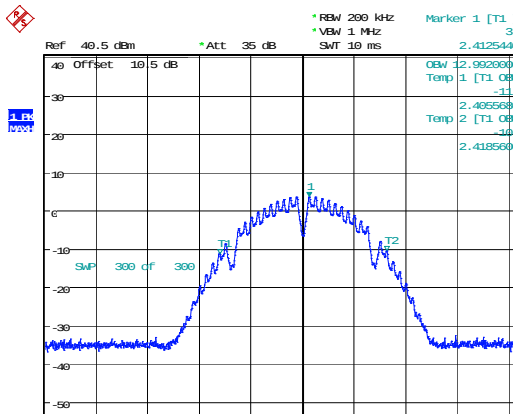
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Date: 16.MAY.2025 19:53:47

802.11b_2462MHz_Chain 0



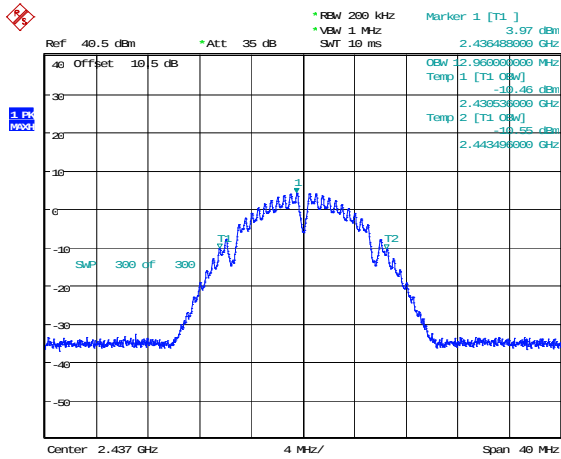
ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 16.MAY.2025 19:56:49

802.11b_2412MHz_Chain 1



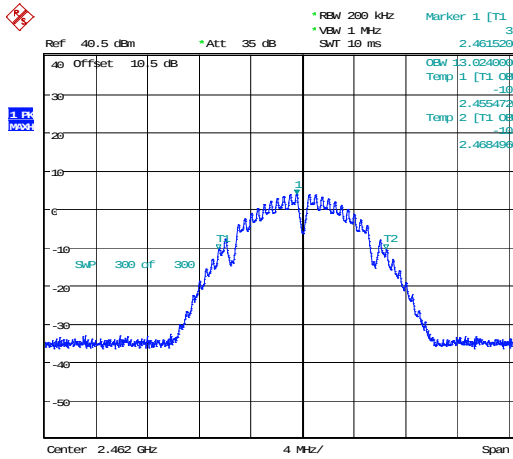
Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 22.MAY.2025 19:18:43

802.11b_2437MHz_Chain 1



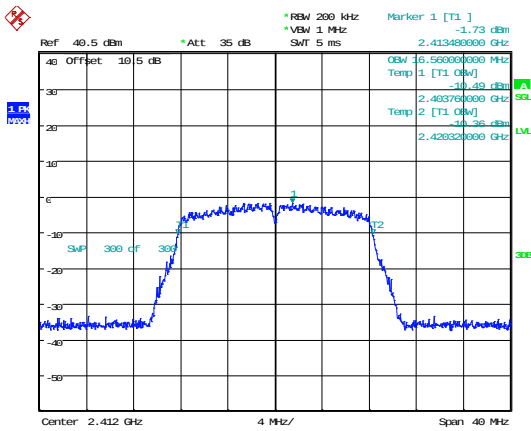
Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 22.MAY.2025 19:23:50

802.11b_2462MHz_Chain 1



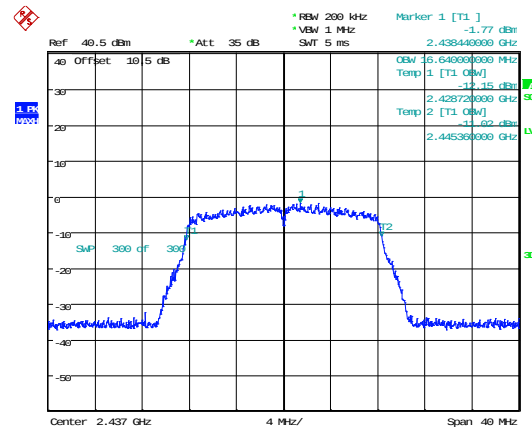
Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 22.MAY.2025 19:26:52

802.11g_2412MHz_Chain 0



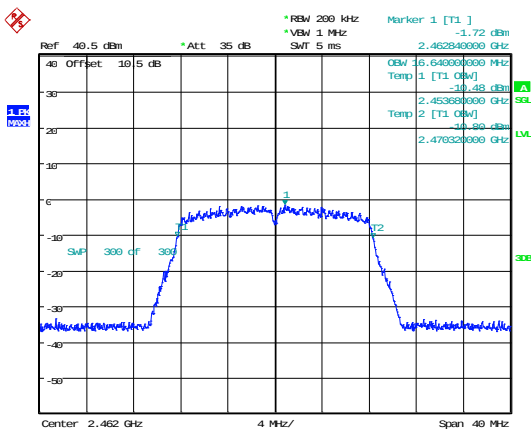
ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 16.MAY.2025 20:01:22

802.11g_2437MHz_Chain 0



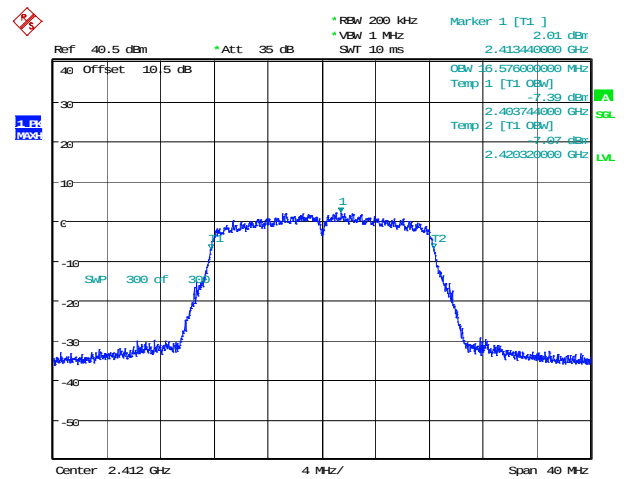
ProjectNo.:2503S20876E-RF Tester:Chin Qin
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802.11g_2462MHz_Chain 0



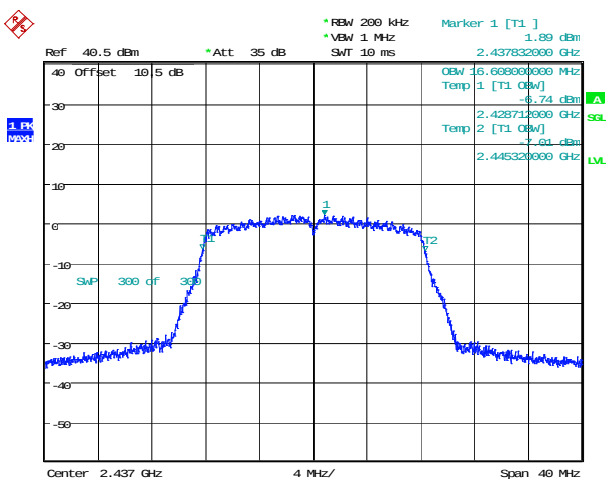
ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 16.MAY.2025 20:11:48

802.11g_2412MHz_Chain 1



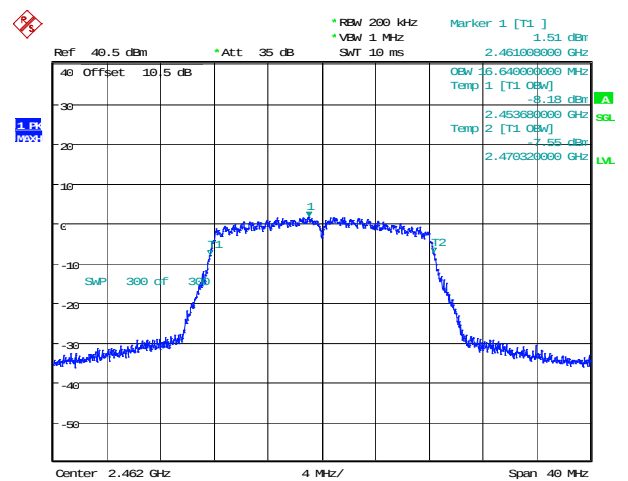
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Date: 22.MAY.2025 19:43:29

802.11g_2437MHz_Chain 1



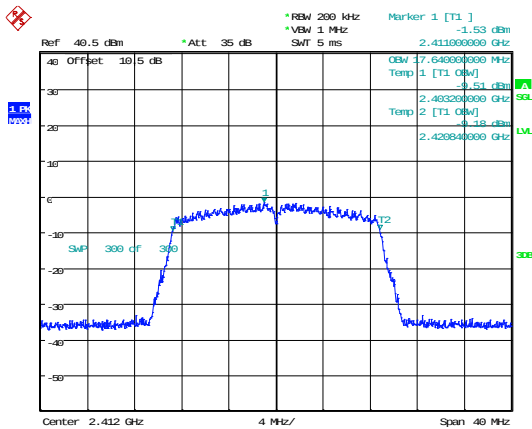
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802.11g_2462MHz_Chain 1



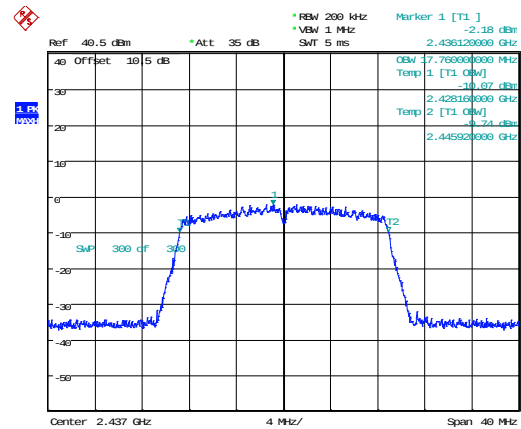
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802.11n20_2412MHz_Chain 0



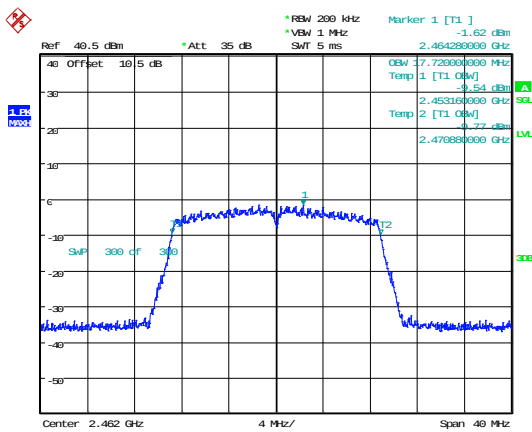
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802.11n20_2437MHz_Chain 0



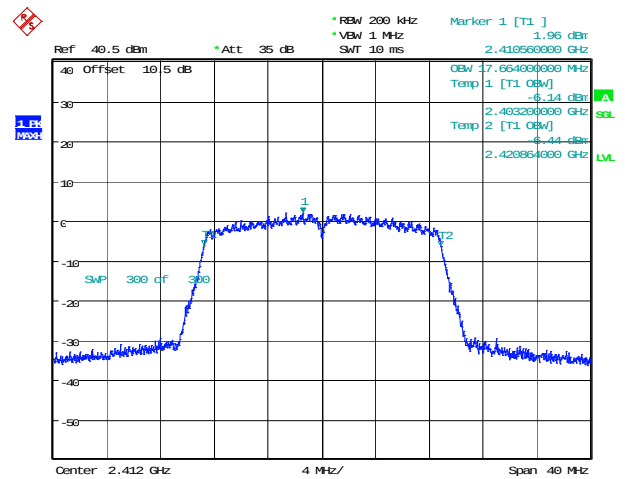
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802.11n20_2462MHz_Chain 0



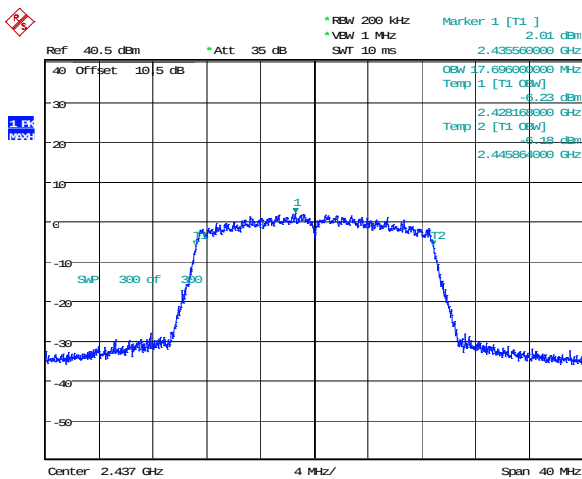
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Date: 16.MAY.2025 20:26:03

802.11n20_2412MHz_Chain 1



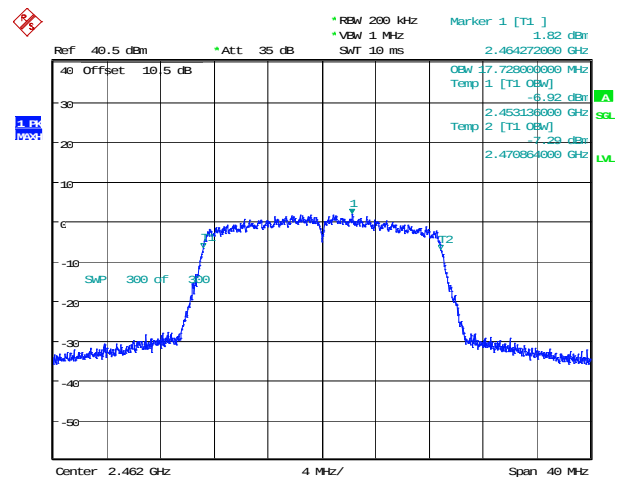
Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 22.MAY.2025 20:07:04

802.11n20_2437MHz_Chain 1



Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 22.MAY.2025 20:11:24

802.11n20_2462MHz_Chain 1



Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 22.MAY.2025 20:14:58

Maximum Conducted Output Power

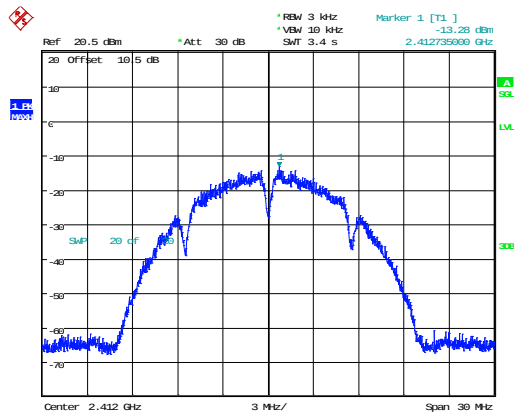
Mode	Antenna	Test Frequency (MHz)	Peak Output Power(dBm)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11b	Chain 0	2412	11.23	7.91	30	Pass
		2437	11.03	7.85	30	Pass
		2462	11.04	7.86	30	Pass
	Chain 1	2412	14.68	11.71	30	Pass
		2437	15.01	12.02	30	Pass
		2462	14.85	11.95	30	Pass
802.11g	Chain 0	2412	15.69	8.01	30	Pass
		2437	15.41	7.45	30	Pass
		2462	15.83	7.81	30	Pass
	Chain 1	2412	17.81	11.89	30	Pass
		2437	17.98	12.05	30	Pass
		2462	17.72	11.82	30	Pass
802.11n20	Chain 0	2412	15.67	7.81	30	Pass
		2437	15.37	7.42	30	Pass
		2462	15.61	7.78	30	Pass
	Chain 1	2412	17.77	11.83	30	Pass
		2437	17.79	11.86	30	Pass
		2462	17.56	11.73	30	Pass

Power Spectral Density

Mode	Antenna	Test Frequency (MHz)	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
802.11b	Chain 0	2412	-13.28	8	Pass
		2437	-14.35	8	Pass
		2462	-13.69	8	Pass
	Chain 1	2412	-11.11	8	Pass
		2437	-9.87	8	Pass
		2462	-10.71	8	Pass
802.11g	Chain 0	2412	-16.23	8	Pass
		2437	-16.50	8	Pass
		2462	-17.15	8	Pass
	Chain 1	2412	-13.33	8	Pass
		2437	-12.95	8	Pass
		2462	-13.49	8	Pass
802.11n20	Chain 0	2412	-16.75	8	Pass
		2437	-16.71	8	Pass
		2462	-17.09	8	Pass
	Chain 1	2412	-13.32	8	Pass
		2437	-12.26	8	Pass
		2462	-13.43	8	Pass

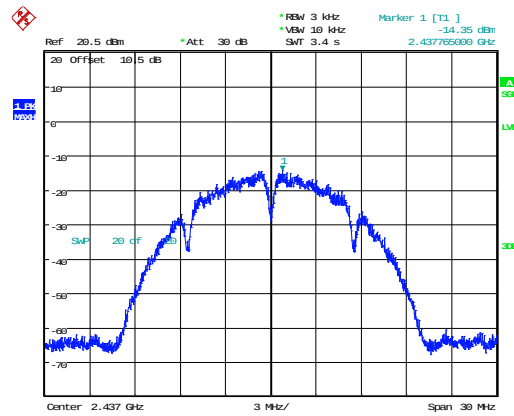
2.4G

802.11b_2412MHz_Chain 0



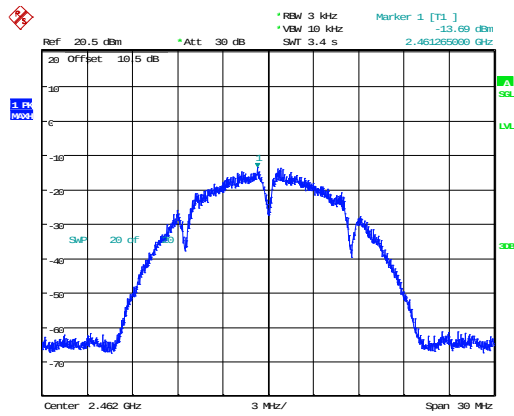
ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 16.MAY.2025 19:51:38

802.11b_2437MHz_Chain 0



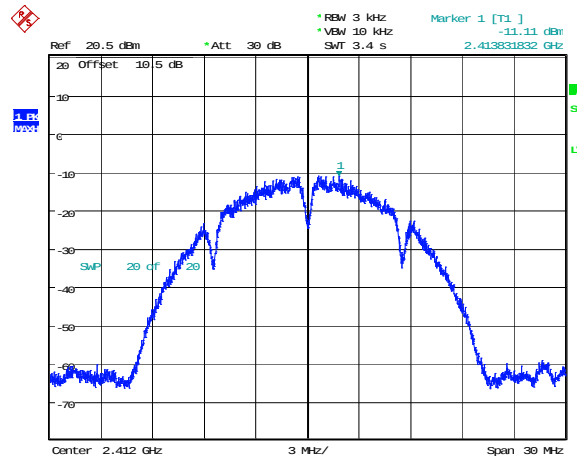
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Date: 16.MAY.2025 19:55:20

802.11b_2462MHz_Chain 0



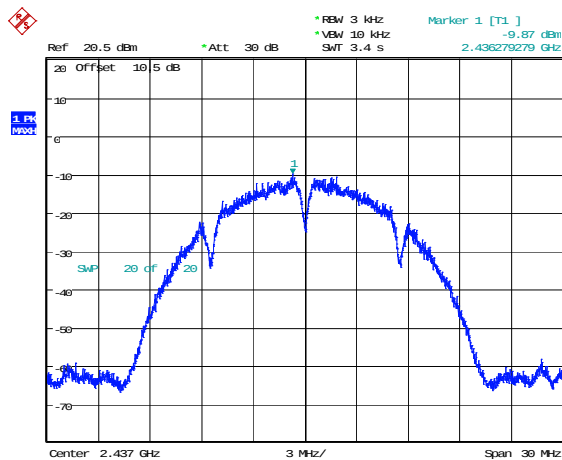
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Date: 16.MAY.2025 19:58:59

802.11b_2412MHz_Chain 1



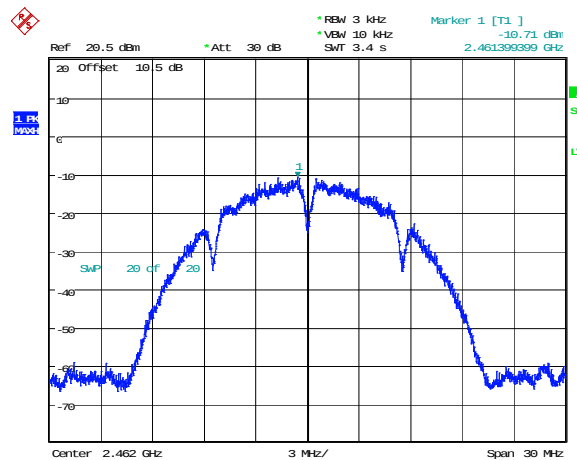
Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 22.MAY.2025 19:21:34

802.11b_2437MHz_Chain 1



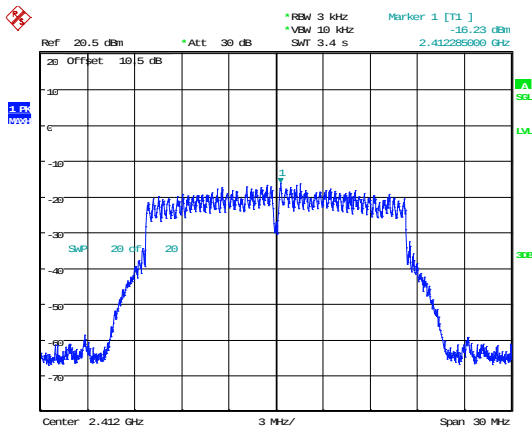
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802.11b_2462MHz_Chain 1



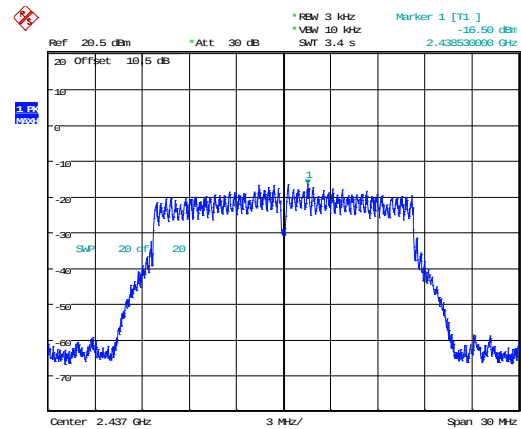
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Date: 22.MAY.2025 19:29:28

802.11g_2412MHz_Chain 0



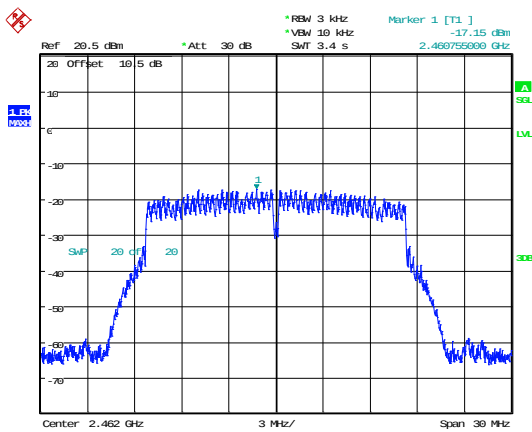
ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 16.MAY.2025 20:04:08

802.11g_2437MHz_Chain 0



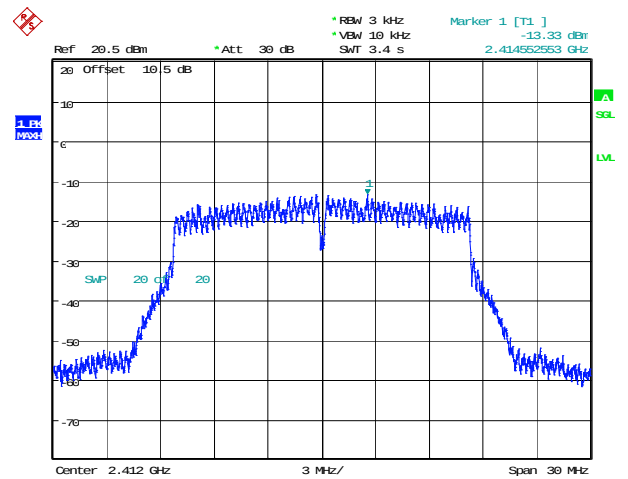
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802.11g_2462MHz_Chain 0



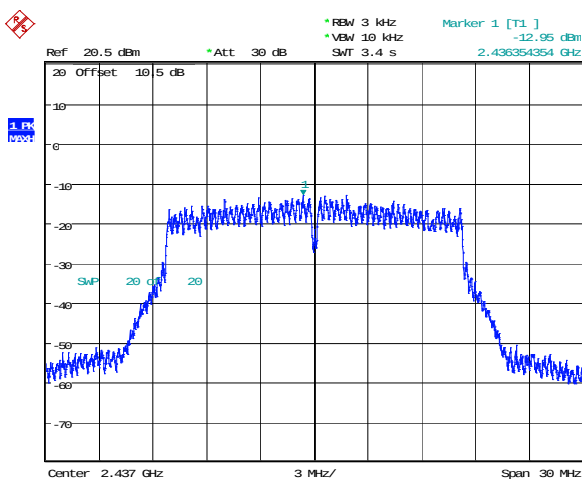
ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 16.MAY.2025 20:14:34

802.11g_2412MHz_Chain 1



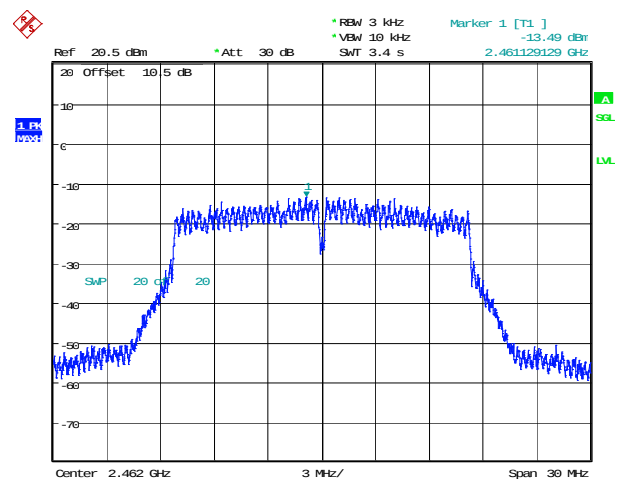
Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 22.MAY.2025 19:46:15

802.11g_2437MHz_Chain 1



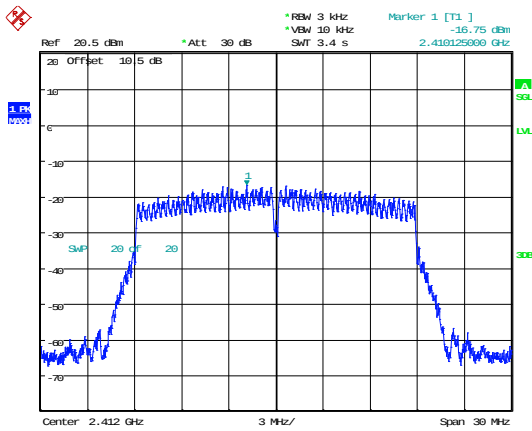
Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 22.MAY.2025 19:55:32

802.11g_2462MHz_Chain 1



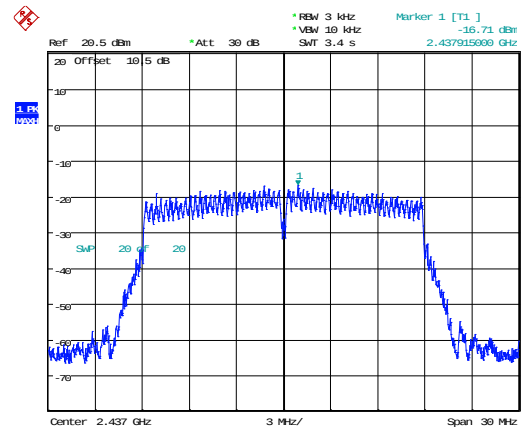
Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 22.MAY.2025 20:04:56

802.11n20_2412MHz_Chain 0



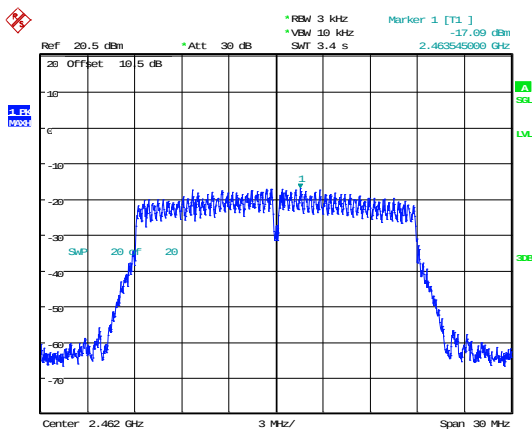
ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 16.MAY.2025 20:19:14

802.11n20_2437MHz_Chain 0



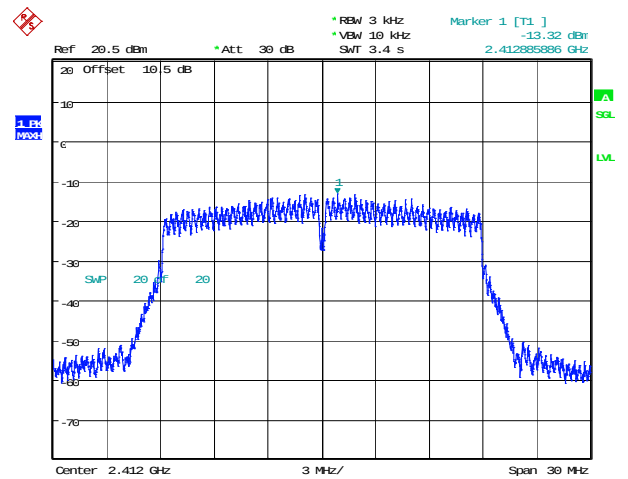
ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 16.MAY.2025 20:23:32

802.11n20_2462MHz_Chain 0



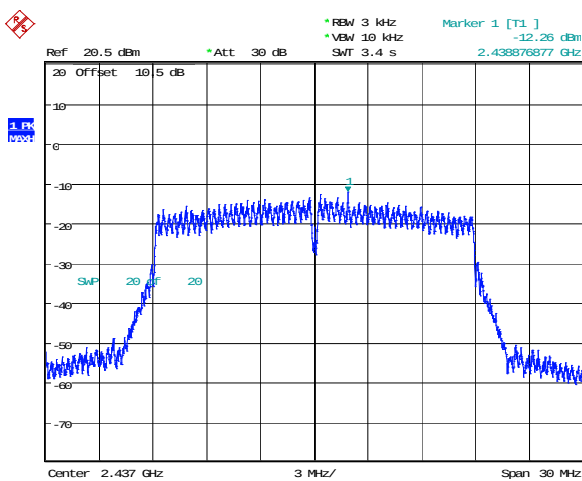
ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 16.MAY.2025 20:28:45

802.11n20_2412MHz_Chain 1



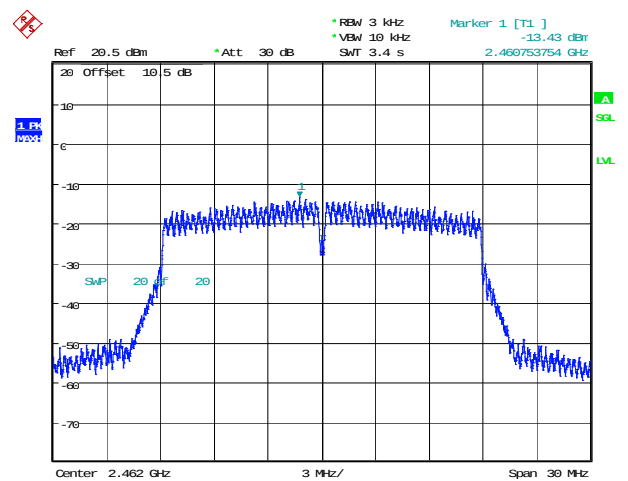
Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 22.MAY.2025 20:09:50

802.11n20_2437MHz_Chain 1



Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 22.MAY.2025 20:13:01

802.11n20_2462MHz_Chain 1



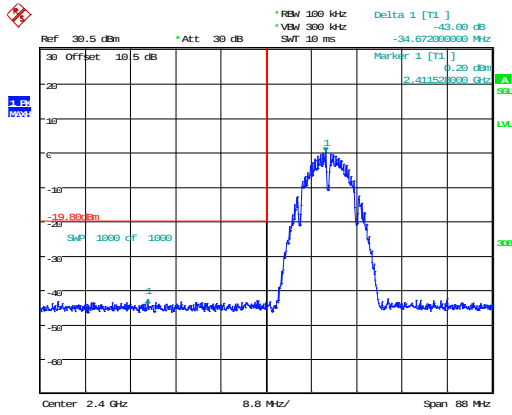
Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 22.MAY.2025 20:17:33

100 kHz Bandwidth of Frequency Band Edge

Mode	Antenna	Test Frequency (MHz)	Result (dB)	Limit (dB)	Verdict
802.11b	Chain 0	2412	43.00	20	Pass
		2462	42.76	20	Pass
	Chain 1	2412	45.75	20	Pass
		2462	45.60	20	Pass
802.11g	Chain 0	2412	37.26	20	Pass
		2462	36.33	20	Pass
	Chain 1	2412	34.74	20	Pass
		2462	40.41	20	Pass
802.11n20	Chain 0	2412	36.65	20	Pass
		2462	36.54	20	Pass
	Chain 1	2412	33.87	20	Pass
		2462	39.70	20	Pass

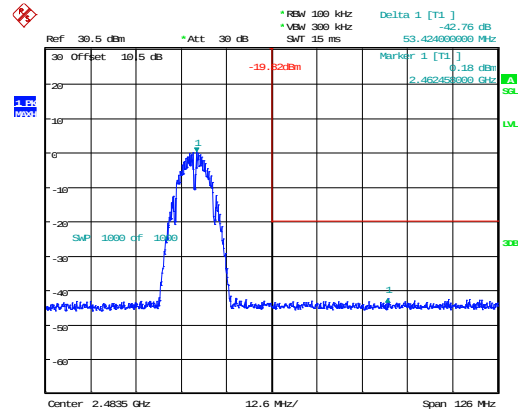
2.4G

802.11b_2412MHz_Chain 0



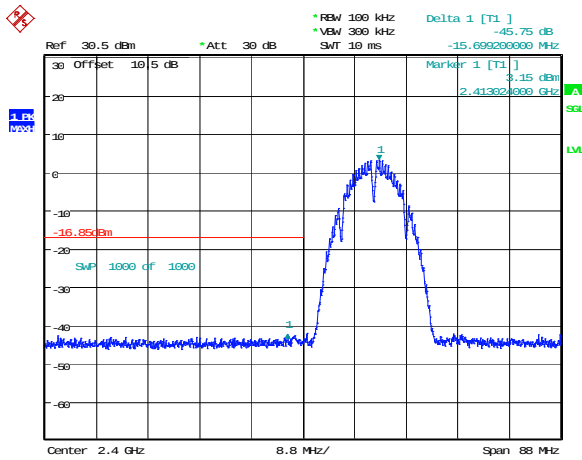
ProjectNo.:2503S20876E-RF Tester:Chin Qin
 Date: 16.MAY.2025 19:50:21

802.11b_2462MHz_Chain 0



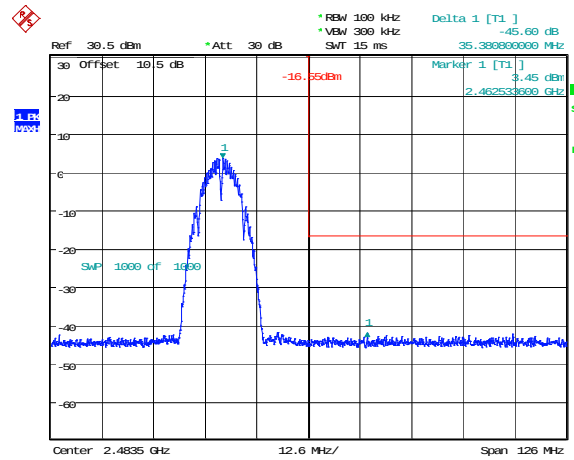
ProjectNo.:2503S20876E-RF Tester:Chin Qin
 Date: 16.MAY.2025 19:57:42

802.11b_2412MHz_Chain 1



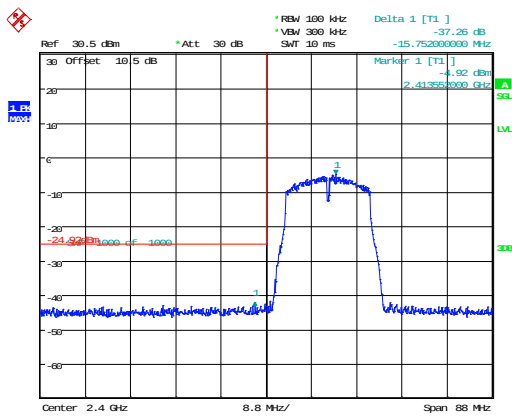
Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
 Date: 22.MAY.2025 19:20:16

802.11b_2462MHz_Chain 1



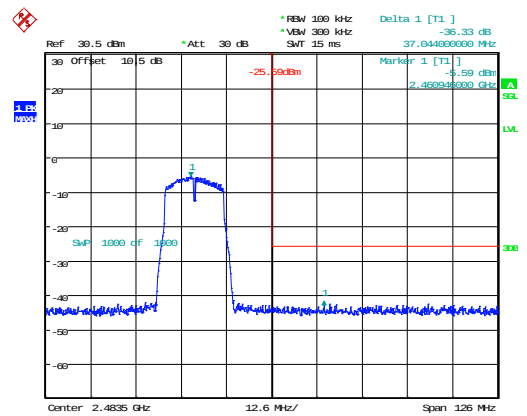
Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
 Date: 22.MAY.2025 19:28:10

802.11g_2412MHz_Chain 0



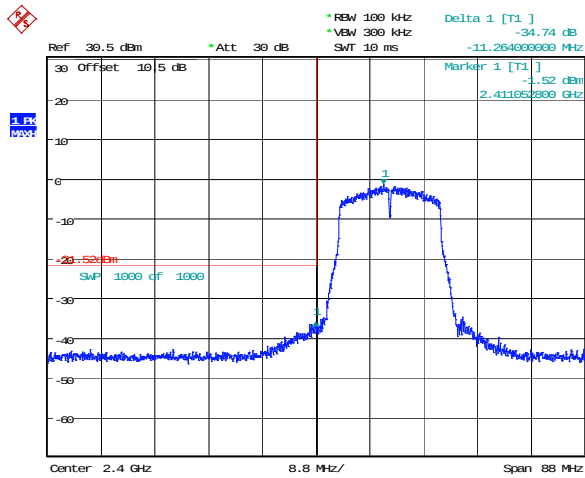
ProjectNo.:2503S20876E-RF Tester:Chin Qin
 Date: 16.MAY.2025 20:02:50

802.11g_2462MHz_Chain 0



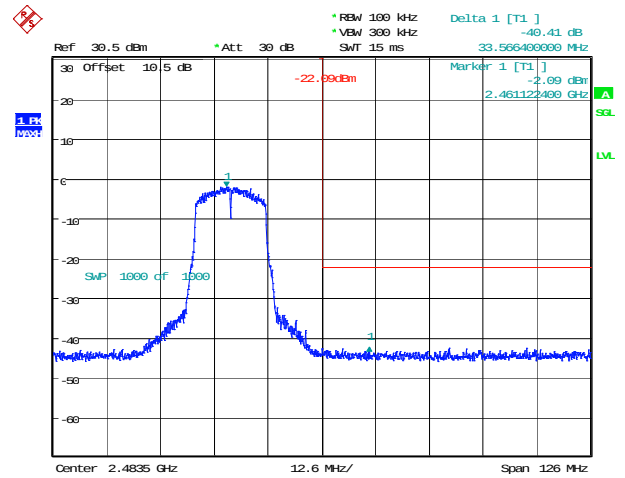
ProjectNo.:2503S20876E-RF Tester:Chin Qin
 Date: 16.MAY.2025 20:13:17

802.11g_2412MHz_Chain 1



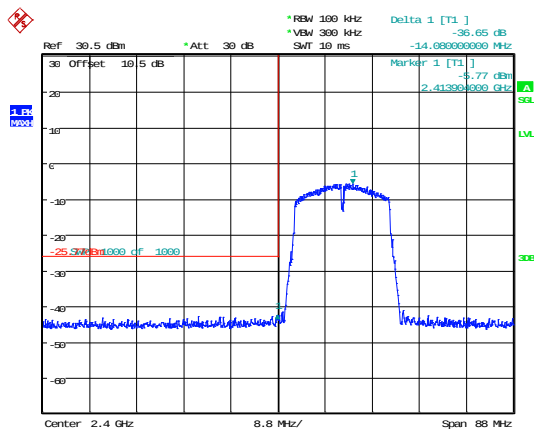
Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 22.MAY.2025 19:44:56

802.11g_2462MHz_Chain 1



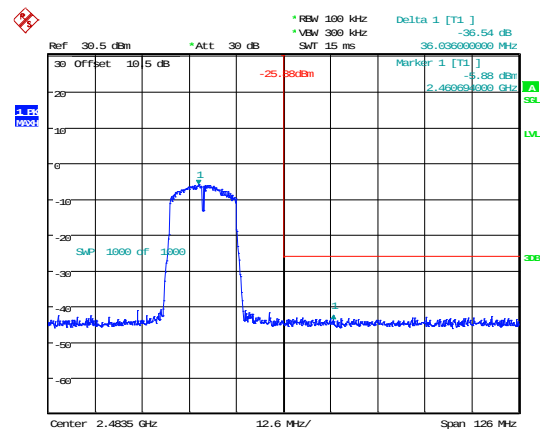
Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 22.MAY.2025 20:03:38

802.11n20_2412MHz_Chain 0



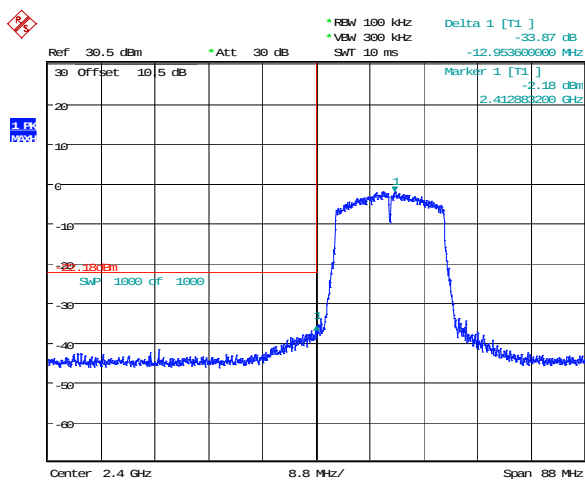
ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 16.MAY.2025 20:17:57

802.11n20_2462MHz_Chain 0



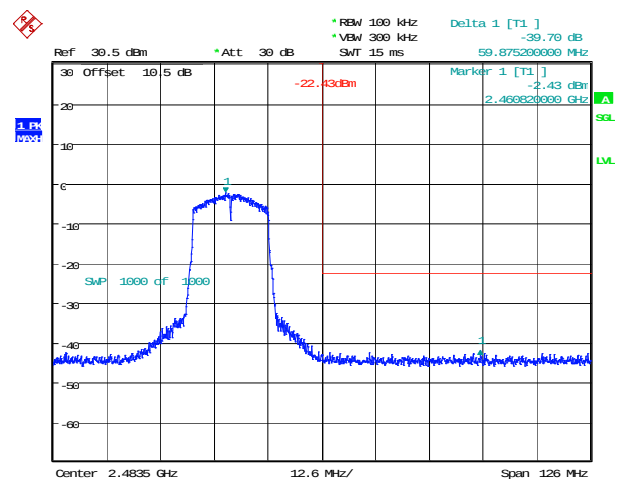
ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 16.MAY.2025 20:27:28

802.11n20_2412MHz_Chain 1



Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 22.MAY.2025 20:06:30

802.11n20_2462MHz_Chain 1



Comment: ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 22.MAY.2025 20:16:14

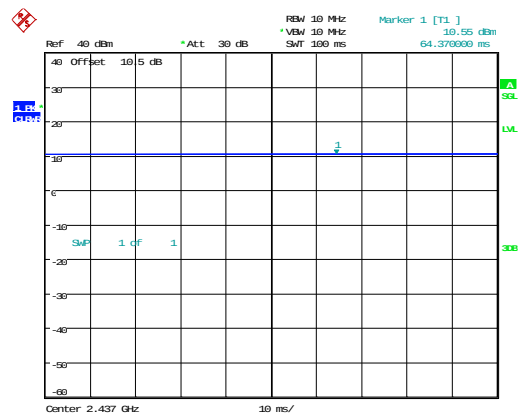
Duty Cycle

Mode	Antenna	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11b	Chain 0	2437	100	100	100	0	NA	0.010
802.11g	Chain 0	2437	100	100	100	0	NA	0.010
802.11n20	Chain 0	2437	100	100	100	0	NA	0.010

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

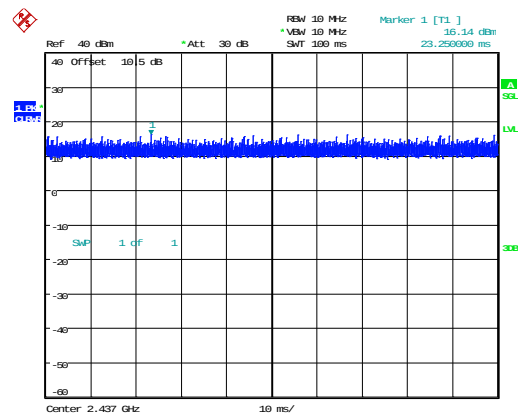
2.4G

802.11b_2437MHz_Chain 0



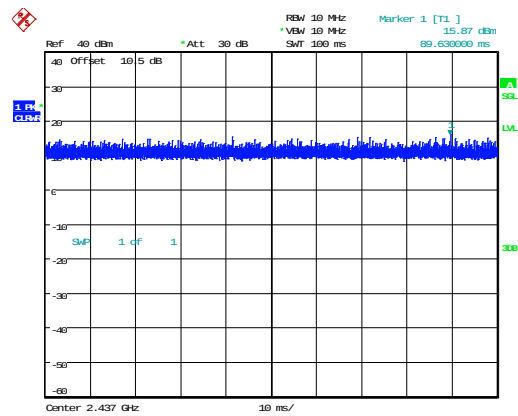
ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 16.MAY.2025 19:36:21

802.11g_2437MHz_Chain 0



ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 16.MAY.2025 19:36:48

802.11n20_2437MHz_Chain 0



ProjectNo.:2503S20876E-RF Tester:Chin Qin
Date: 16.MAY.2025 19:37:35