

Appendix A

Test Information:

Sample No.:	2Y6Z-2	Test Date:	2025/04/09~2025/04/14
Test Site:	RF	Test Mode:	Transmitting
Tester:	Lingling Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.1-24.4	Relative Humidity: (%)	45-53	ATM Pressure: (kPa)	101.4-101.4
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU26	200256	2025/03/31	2026/03/30
eastsheep	Coaxial Attenuator	2W-SMA-JK-18G	21060302	Each time	N/A
Anritsu	Power Meter	ML2495A	1106009	2024/8/29	2025/8/28
Anritsu	Pulse Power Sensor	MA2411A	10780	2024/8/29	2025/8/28

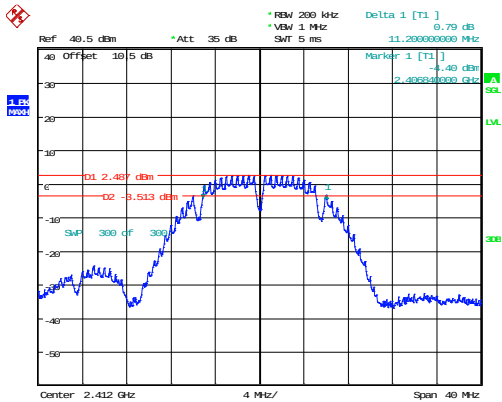
* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

6dB Emission Bandwidth

Mode	Antenna	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11b	Chain 0	2412	11.200	≥0.5	Pass
		2437	12.120	≥0.5	Pass
		2462	10.280	≥0.5	Pass
802.11g	Chain 0	2412	15.160	≥0.5	Pass
		2437	16.400	≥0.5	Pass
		2462	16.400	≥0.5	Pass
802.11n20	Chain 0	2412	17.640	≥0.5	Pass
		2437	17.680	≥0.5	Pass
		2462	17.640	≥0.5	Pass
802.11n40	Chain 0	2422	35.200	≥0.5	Pass
		2437	36.640	≥0.5	Pass
		2452	36.640	≥0.5	Pass

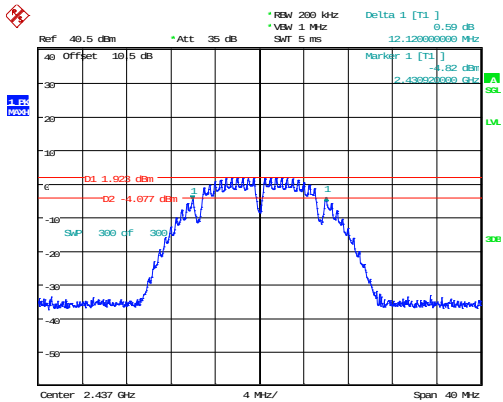
2.4G

802.11b_2412MHz_Chain 0



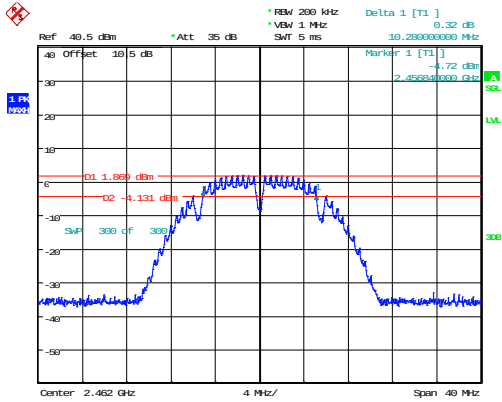
ProjectNo.:2503Q19064E-RF Tester:Lingling Li
Date: 10.APR.2025 13:23:07

802.11b_2437MHz_Chain 0



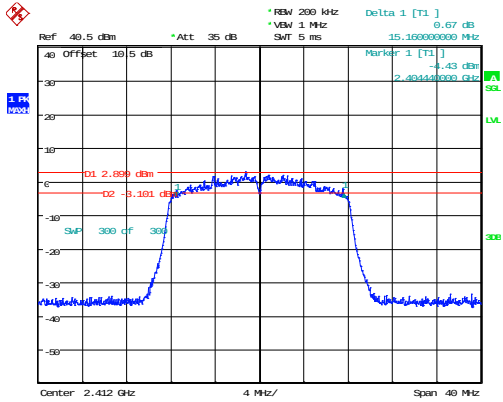
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802.11b_2462MHz_Chain 0



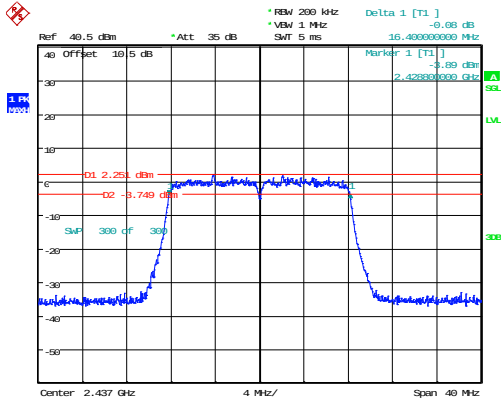
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802.11g_2412MHz_Chain 0



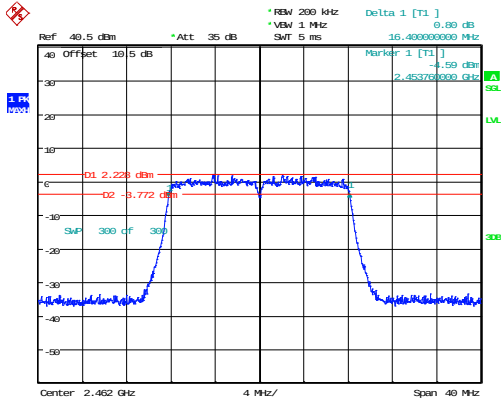
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802.11g_2437MHz_Chain 0



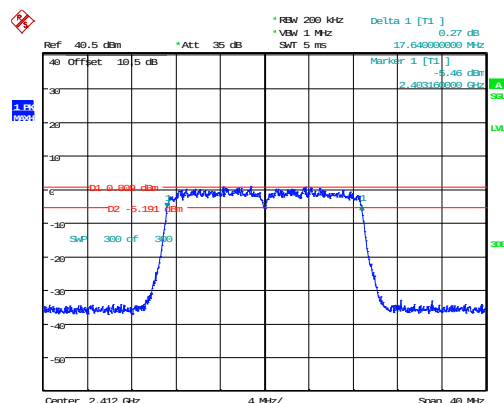
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802.11g_2462MHz_Chain 0



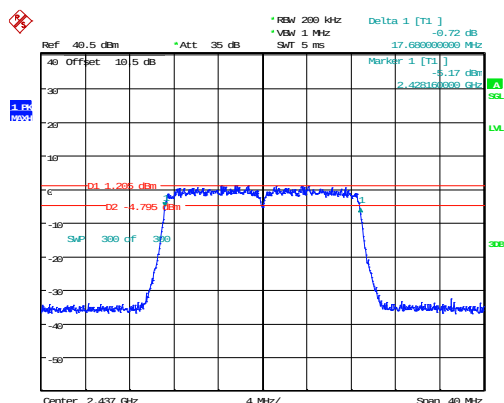
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802.11n20_2412MHz_Chain 0



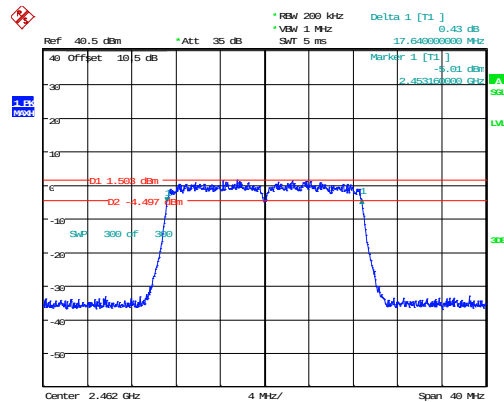
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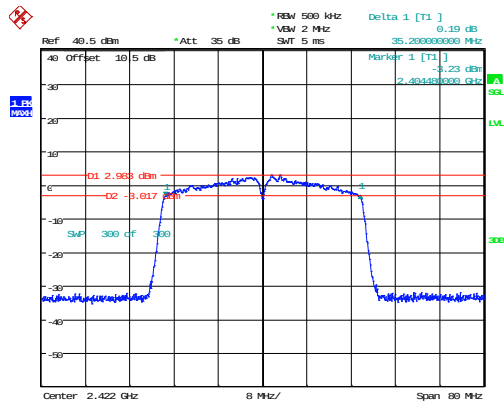
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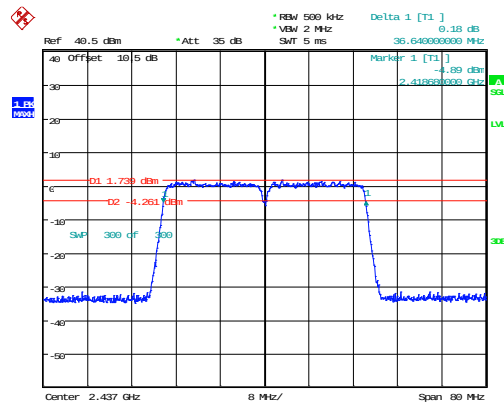
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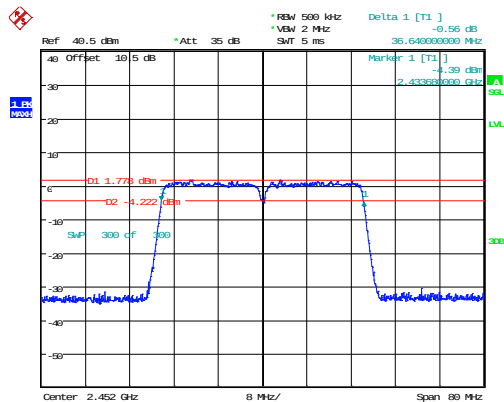
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802.11n40_2437MHz_Chain 0



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Date: 10.APR.2025 14:00:18

802.11n40_2452MHz_Chain 0



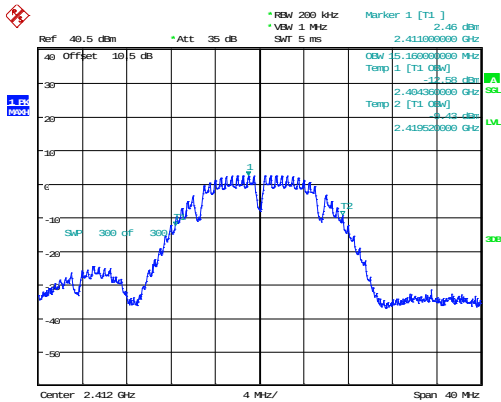
ProjectNo.:2503Q19064E-RF Tester:LingLing Li
Date: 10.APR.2025 14:03:25

99% Occupied Bandwidth

Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)
802.11b	Chain 0	2412	15.160
		2437	15.040
		2462	15.080
802.11g	Chain 0	2412	16.160
		2437	16.400
		2462	16.360
802.11n20	Chain 0	2412	17.560
		2437	17.560
		2462	17.560
802.11n40	Chain 0	2422	35.760
		2437	36.320
		2452	36.320

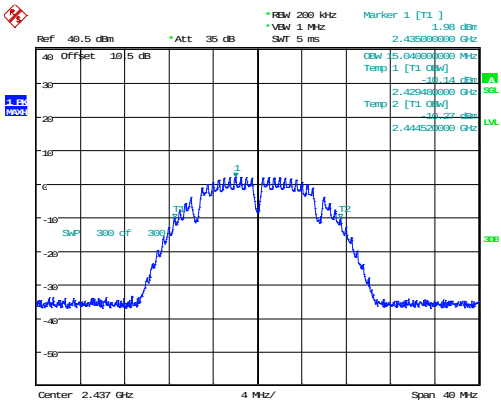
2.4G

802.11b_2412MHz_Chain 0



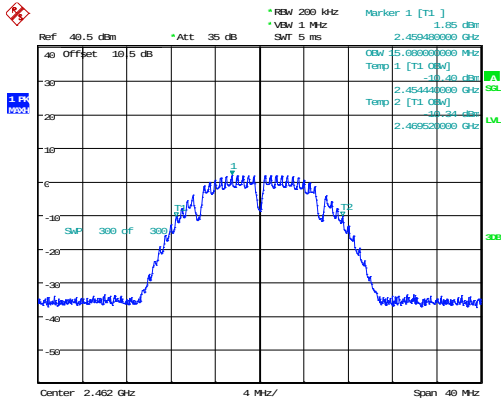
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802.11b_2437MHz_Chain 0



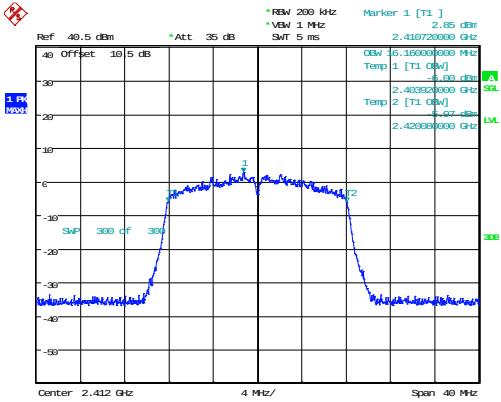
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Date: 10.APR.2025 13:30:05

802.11b_2462MHz_Chain 0



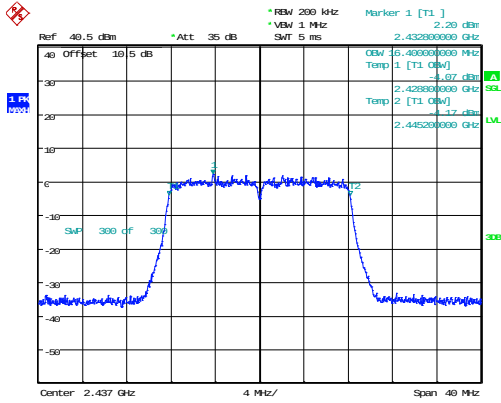
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802.11g_2412MHz_Chain 0



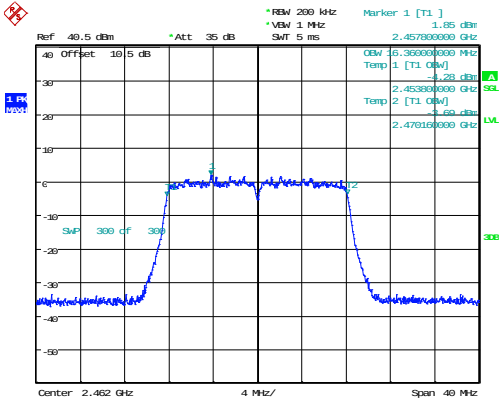
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802.11g_2437MHz_Chain 0



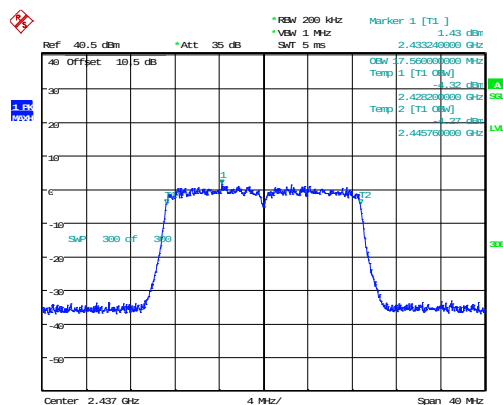
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802.11g_2462MHz_Chain 0



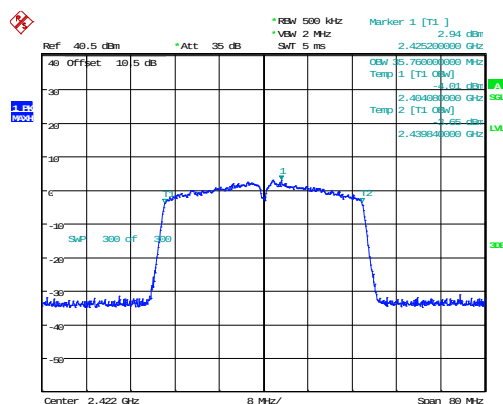
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802.11n20 2437MHz Chain 0



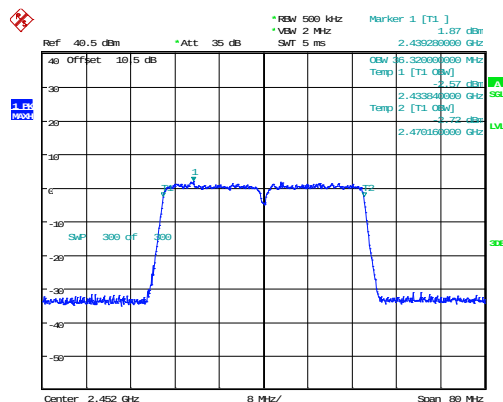
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Date: 10.APR.2025 13:50:28

802.11n40_2422MHz_Chain 0



ProjectNo.:2503Q19064E-RF Tester:Lingling Li
Date: 10.APR.2025 13:56:07

802.11n40_2452MHz_Chain 0



ProjectNo.:2503Q19064E-RF Tester:Lingling Li
Date: 10.APR.2025 14:04:06

Maximum Conducted Output Power

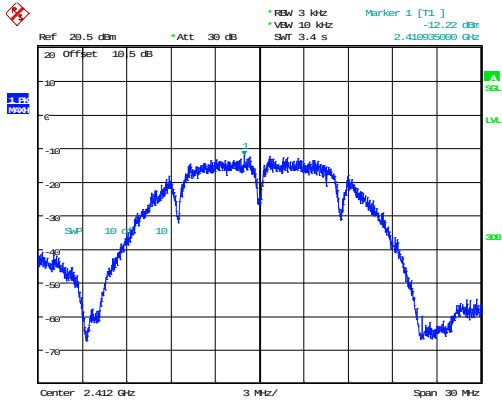
Mode	Antenna	Test Frequency (MHz)	Peak Output Power(dBm)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11b	Chain 0	2412	14.41	11.79	30	Pass
		2437	14.75	11.25	30	Pass
		2462	14.60	11.07	30	Pass
	Chain 1	2412	14.53	11.78	30	Pass
		2437	15.51	11.73	30	Pass
		2462	15.22	11.46	30	Pass
802.11g	Chain 0	2412	19.07	10.22	30	Pass
		2437	19.61	10.70	30	Pass
		2462	19.99	10.51	30	Pass
	Chain 1	2412	19.25	10.17	30	Pass
		2437	20.26	10.88	30	Pass
		2462	20.15	10.78	30	Pass
802.11n20	Chain 0	2412	18.88	10.31	30	Pass
		2437	19.71	10.72	30	Pass
		2462	19.91	10.85	30	Pass
	Chain 1	2412	19.37	10.72	30	Pass
		2437	20.11	11.43	30	Pass
		2462	20.33	11.34	30	Pass
	Chain 0+Chain 1	2412	22.14	13.53	30	Pass
		2437	22.92	14.10	30	Pass
		2462	23.14	14.11	30	Pass
802.11n40	Chain 0	2422	18.93	10.62	30	Pass
		2437	19.41	10.80	30	Pass
		2452	19.68	10.92	30	Pass
	Chain 1	2422	20.02	11.24	30	Pass
		2437	20.14	11.66	30	Pass
		2452	20.33	11.43	30	Pass
	Chain 0+Chain 1	2422	22.52	13.95	30	Pass
		2437	22.80	14.26	30	Pass
		2452	23.03	14.19	30	Pass

Power Spectral Density

Mode	Antenna	Test Frequency (MHz)	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
802.11b	Chain 0	2412	-12.22	8	Pass
		2437	-12.70	8	Pass
		2462	-12.63	8	Pass
	Chain 1	2412	-11.11	8	Pass
		2437	-11.51	8	Pass
		2462	-12.42	8	Pass
802.11g	Chain 0	2412	-14.75	8	Pass
		2437	-16.19	8	Pass
		2462	-16.51	8	Pass
	Chain 1	2412	-14.97	8	Pass
		2437	-15.32	8	Pass
		2462	-15.65	8	Pass
802.11n20	Chain 0	2412	-15.68	8	Pass
		2437	-16.20	8	Pass
		2462	-15.49	8	Pass
	Chain 1	2412	-13.64	8	Pass
		2437	-14.45	8	Pass
		2462	-13.74	8	Pass
	Chain 0+Chain 1	2412	-11.53	8	Pass
		2437	-12.23	8	Pass
		2462	-11.52	8	Pass
802.11n40	Chain 0	2422	-17.95	8	Pass
		2437	-18.74	8	Pass
		2452	-18.30	8	Pass
	Chain 1	2422	-19.38	8	Pass
		2437	-17.55	8	Pass
		2452	-17.91	8	Pass
	Chain 0+Chain 1	2422	-15.60	8	Pass
		2437	-15.09	8	Pass
		2452	-15.09	8	Pass

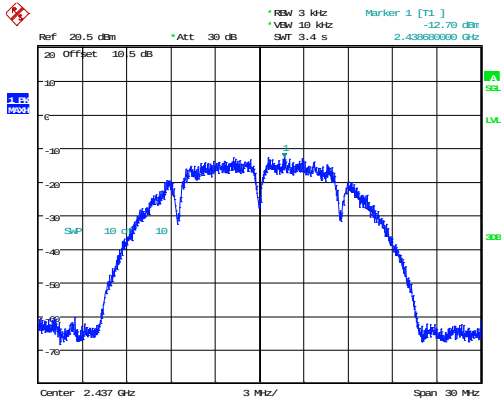
2.4G

802.11b_2412MHz_Chain 0



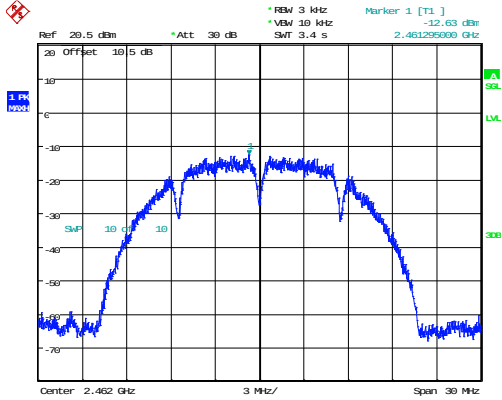
ProjectNo.:2503Q19064E-RF Tester:Lingling Li
Date: 10.APR.2025 13:26:57

802.11b_2437MHz_Chain 0



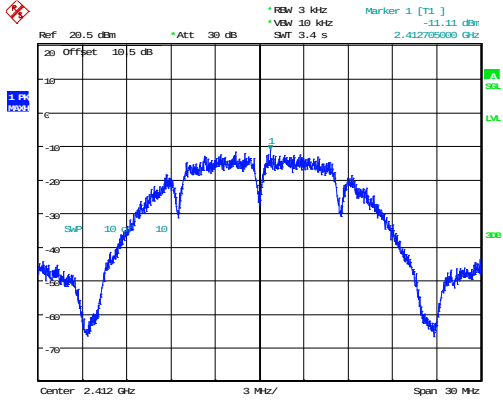
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Date: 10.APR.2025 13:31:01

802.11b_2462MHz_Chain 0



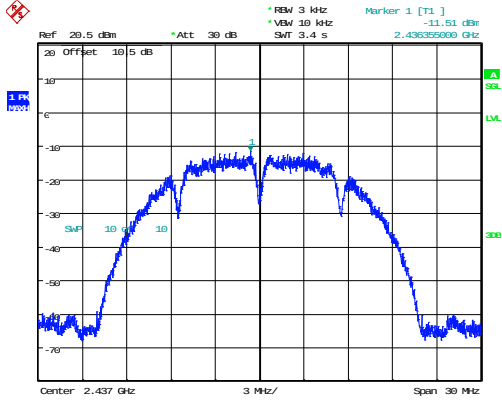
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Date: 10.APR.2025 13:34:38

802.11b_2412MHz_Chain 1



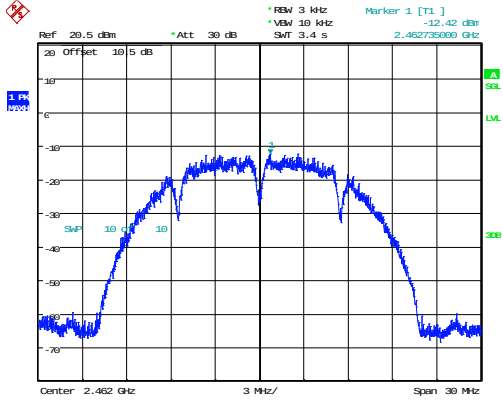
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Date: 14.APR.2025 09:10:11

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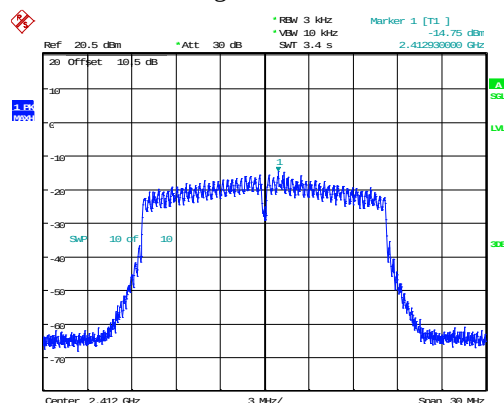
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802.11b_2462MHz_Chain 1



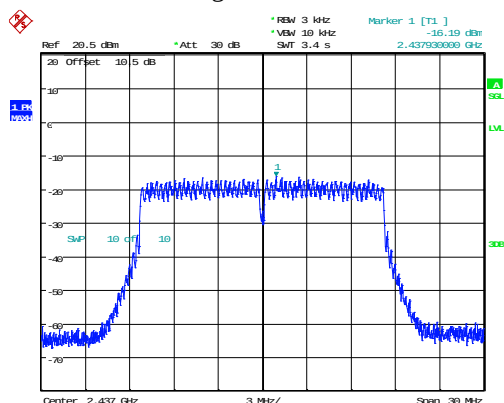
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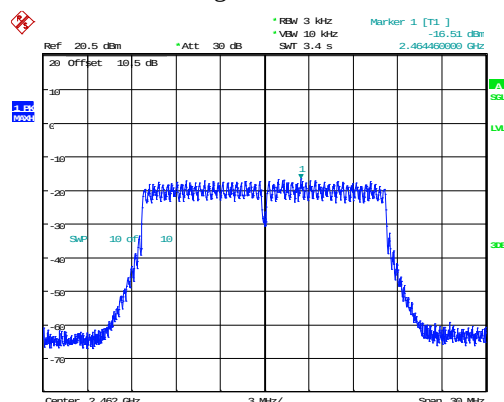
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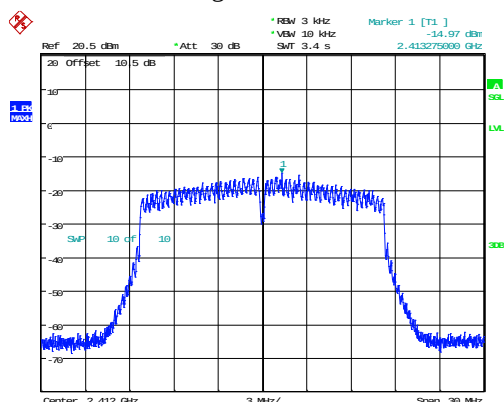
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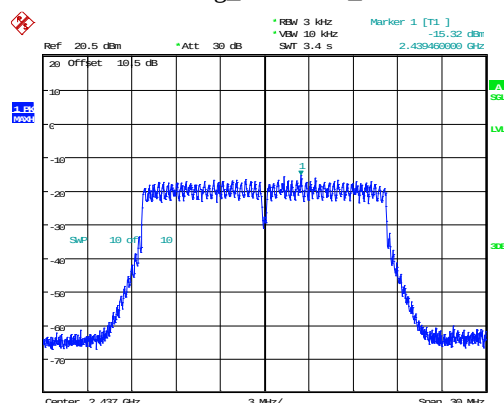
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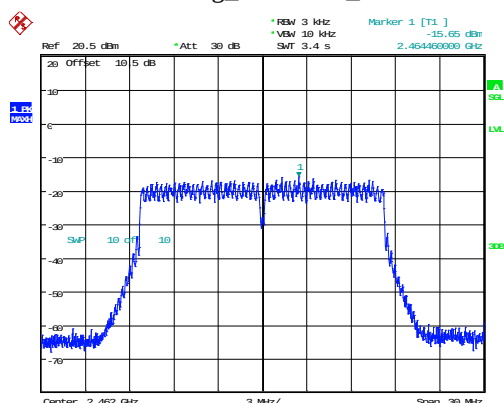
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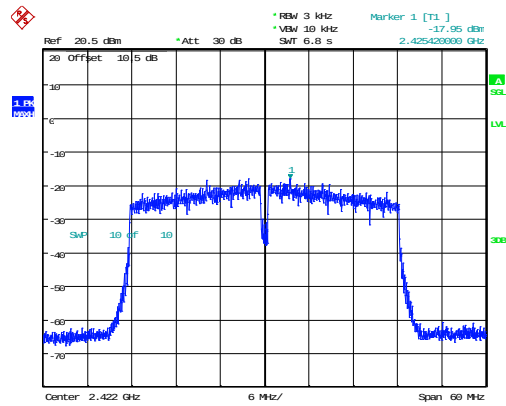
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802.11g_2462MHz_Chain 1



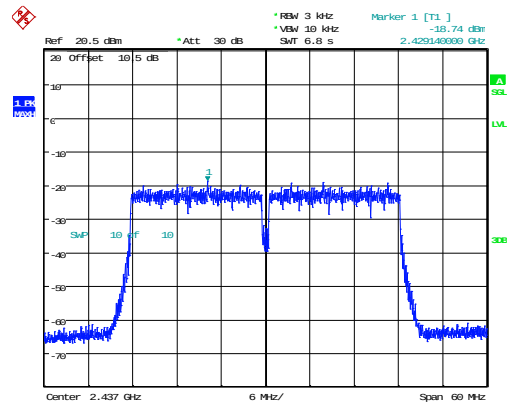
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Date: 10.APR.2025 14:47:17

802.11n40_2422MHz_Chain 0



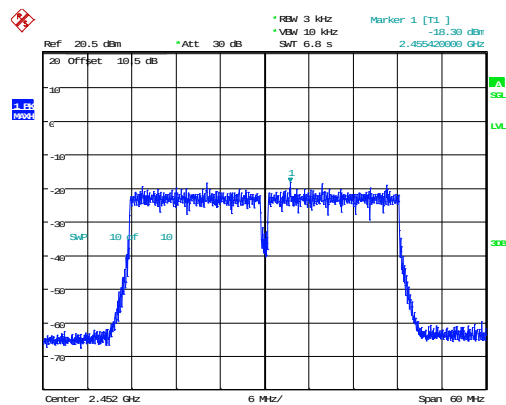
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Date: 10.APR.2025 13:58:22

802.11n40_2437MHz_Chain 0



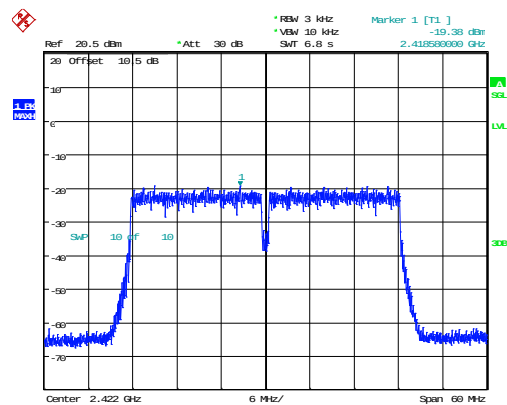
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Date: 10.APR.2025 14:02:37

802.11n40_2452MHz_Chain 0



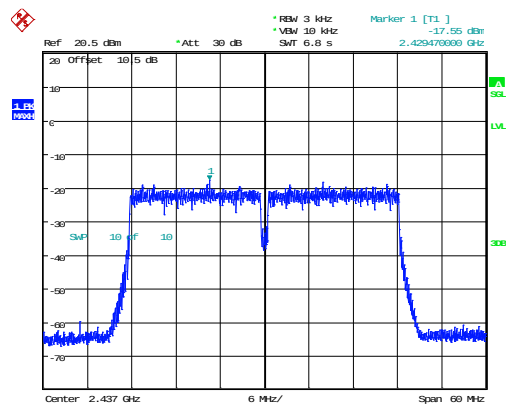
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Date: 10.APR.2025 14:06:20

802.11n40_2422MHz_Chain 1



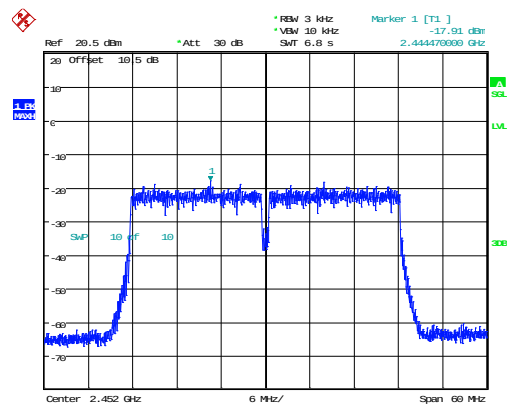
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Date: 10.APR.2025 14:12:58

802.11n40_2437MHz_Chain 1



ProjectNo.:2503Q19064E-RF Tester:Lingling Li
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802.11n40_2452MHz_Chain 1



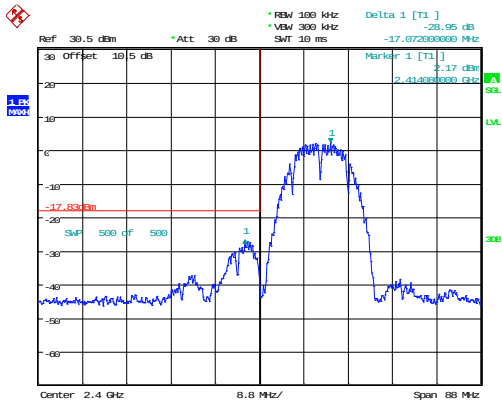
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Date: 10.APR.2025 14:19:16

100 kHz Bandwidth of Frequency Band Edge

Mode	Antenna	Test Frequency (MHz)	Result (dB)	Limit (dB)	Verdict
802.11b	Chain 0	2412	28.95	20	Pass
		2462	43.54	20	Pass
	Chain 1	2412	32.11	20	Pass
		2462	43.90	20	Pass
802.11g	Chain 0	2412	43.95	20	Pass
		2462	42.18	20	Pass
	Chain 1	2412	42.87	20	Pass
		2462	42.38	20	Pass
802.11n20	Chain 0	2412	41.24	20	Pass
		2462	42.40	20	Pass
	Chain 1	2412	44.13	20	Pass
		2462	43.21	20	Pass
802.11n40	Chain 0	2422	40.59	20	Pass
		2452	37.36	20	Pass
	Chain 1	2422	39.62	20	Pass
		2452	39.74	20	Pass

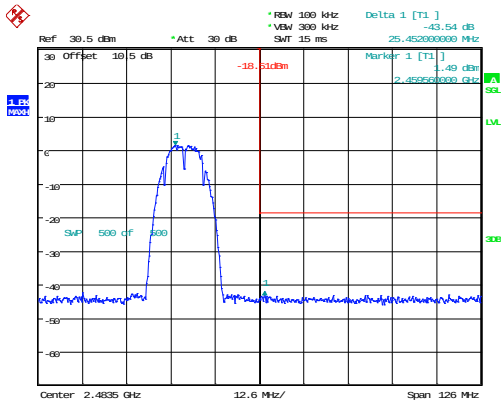
2.4G

802.11b_2412MHz_Chain 0



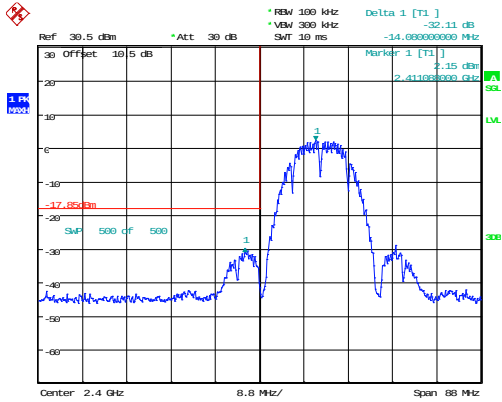
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802.11b_2462MHz_Chain 0



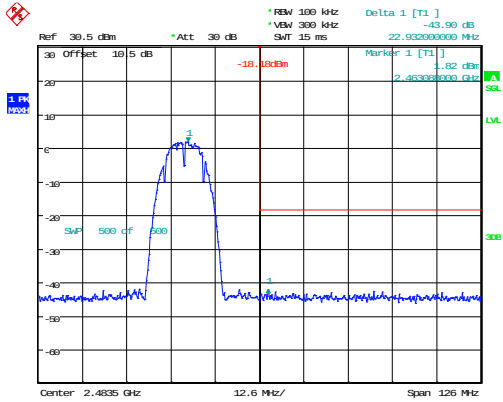
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802.11b_2412MHz_Chain 1



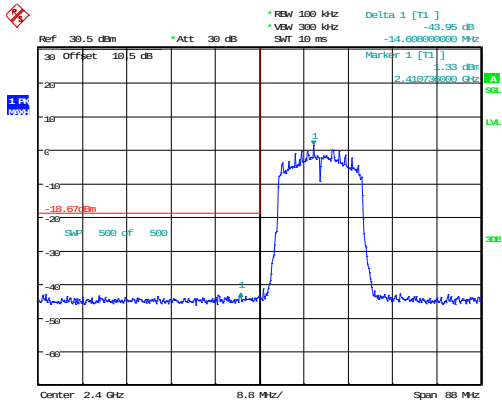
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Date: 14.APR.2025 09:09:25

802.11b_2462MHz_Chain 1



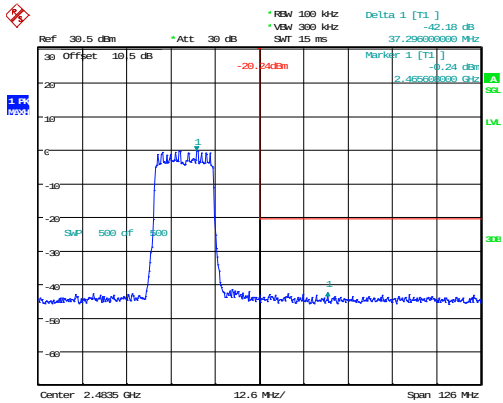
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Date: 10.APR.2025 14:37:15

802.11g_2412MHz_Chain 0



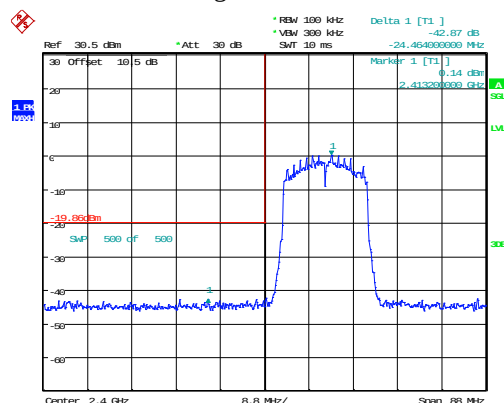
ProjectNo.:2503Q19064E-RF Tester:Lingling Li
Date: 10.APR.2025 13:37:54

802.11g_2462MHz_Chain 0



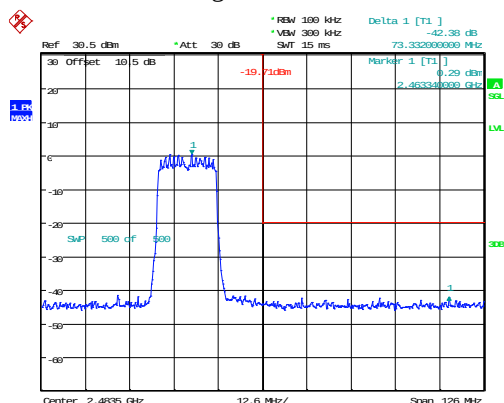
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Date: 10.APR.2025 13:45:19

802.11g_2412MHz_Chain 1



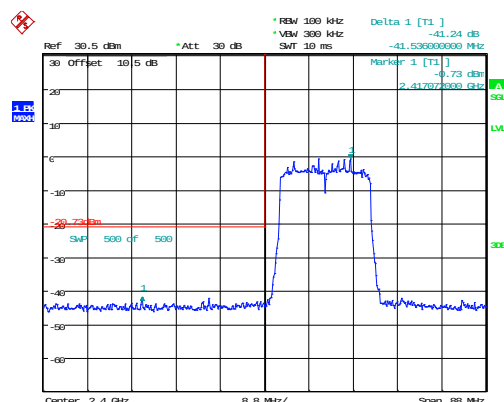
ProjectNo.:2503Q19064E-RF Tester:Lingling Li
Date: 10.APR.2025 14:46:46

802.11g_2462MHz_Chain 1



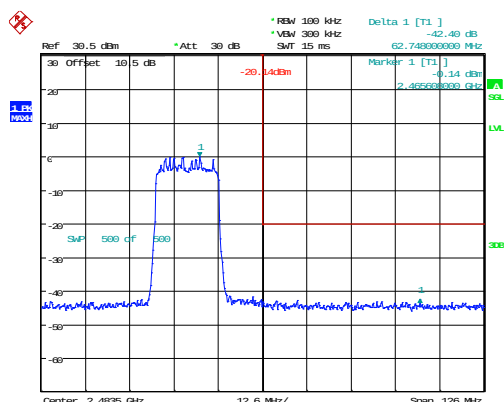
ProjectNo.:2503Q19064E-RF Tester:Lingling Li
Date: 10.APR.2025 14:46:23

802.11n20_2412MHz_Chain 0



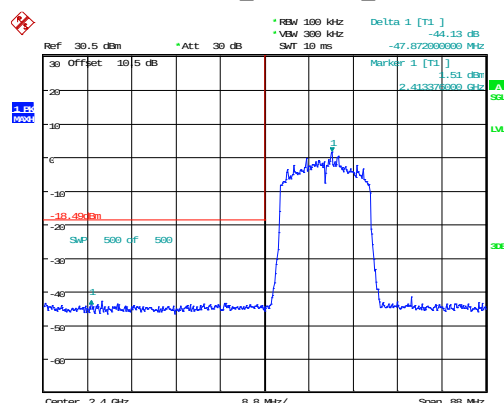
ProjectNo.:2503Q19064E-RF Tester:Lingling Li
Date: 10.APR.2025 13:48:42

802.11n20_2462MHz_Chain 0



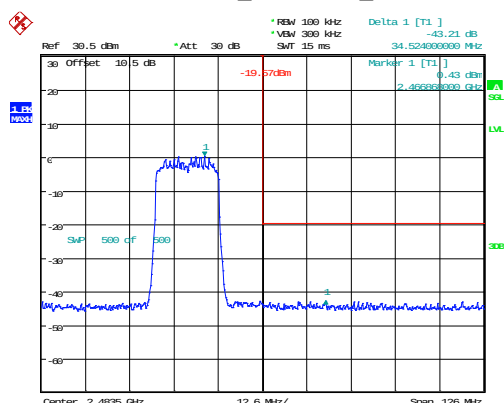
ProjectNo.:2503Q19064E-RF Tester:Lingling Li
Date: 10.APR.2025 13:53:30

802.11n20_2412MHz_Chain 1



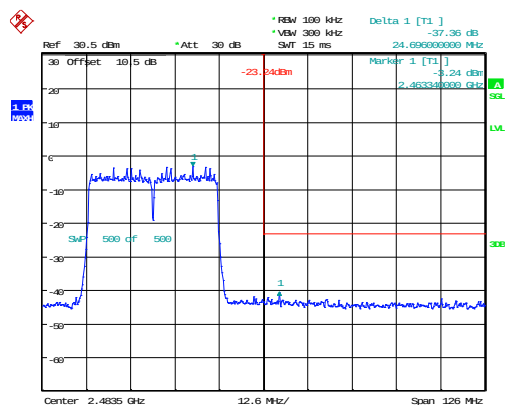
ProjectNo.:2503Q19064E-RF Tester:Lingling Li
Date: 10.APR.2025 14:21:40

802.11n20_2462MHz_Chain 1



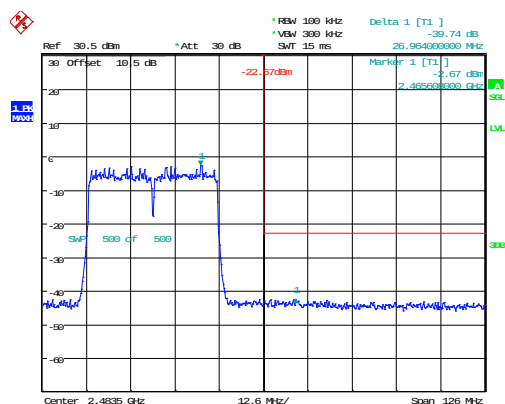
ProjectNo.:2503Q19064E-RF Tester:Lingling Li
Date: 10.APR.2025 14:26:58

802.11n40 2452MHz Chain 0



ProjectNo.:2503Q19064E-RF Tester:Lingling Li
Date: 10.APR.2025 14:05:01

802.11n40 2452MHz Chain 1



ProjectNo.:2503Q19064E-RF Tester:Lingling Li
Date: 10.APR.2025 14:17:54

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	29.111	29.646	98.20	/	/	0.010
802.11g	Chain 0	2437	2.117	2.623	80.71	0.93	472	0.500
802.11n20	Chain 0	2437	4.154	4.663	89.08	0.50	241	0.300
802.11n40	Chain 0	2437	5.961	6.471	92.12	0.36	168	0.200

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

