

Test Information:

Sample No.:	2Z6H-2	Test Date:	2025/04/02~2025/04/08
Test Site:	RF	Test Mode:	Transmitting
Tester:	Leo Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	23.5-24.4	Relative Humidity: (%)	47-57	ATM Pressure: (kPa)	101.5-101.7
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Test Equipment List and Details:

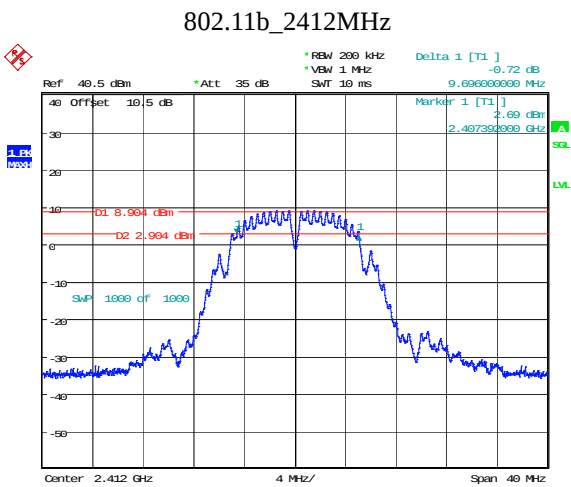
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Anritsu	Power Meter	ML2495A	1106009	2024/08/29	2025/08/28
Anritsu	Pulse Power Sensor	MA2411A	10780	2024/08/29	2025/08/28
R&S	Spectrum Analyzer	FSU26	100147	2025/03/31	2026/03/30
R&S	Spectrum Analyzer	FSU26	200256	2025/03/31	2026/03/30
eastsheep	Coaxial Attenuator	2W-SMA-JK-18G	21060301	Each time	N/A
zhuoxiang	Coaxial Cable	SMA-178	211001	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).

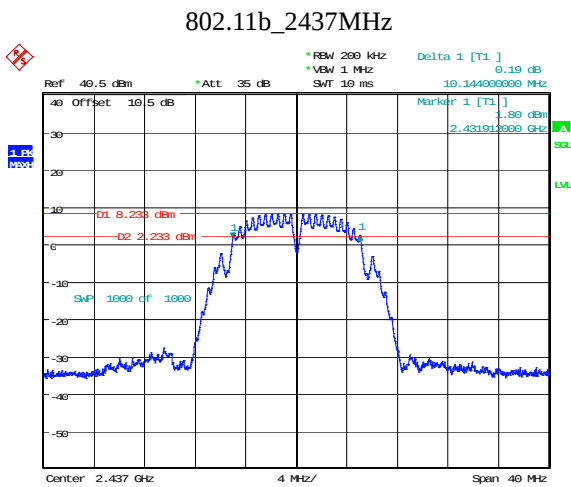
6dB Emission Bandwidth

Mode	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11b	2412	9.696	≥0.5	Pass
	2437	10.144	≥0.5	Pass
	2462	9.664	≥0.5	Pass
802.11g	2412	16.520	≥0.5	Pass
	2437	16.480	≥0.5	Pass
	2462	16.480	≥0.5	Pass
802.11n20	2412	17.600	≥0.5	Pass
	2437	17.480	≥0.5	Pass
	2462	17.480	≥0.5	Pass

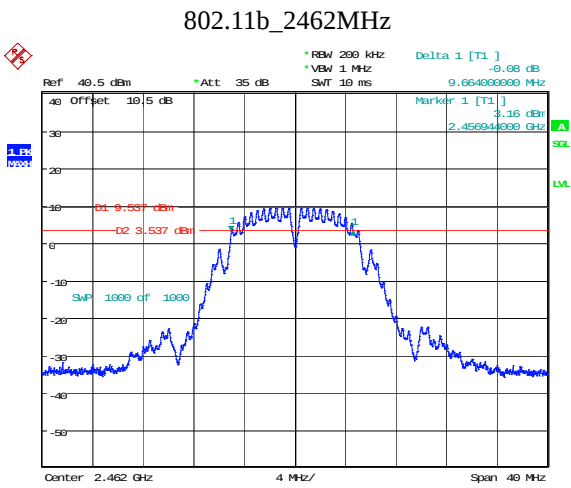
2.4G



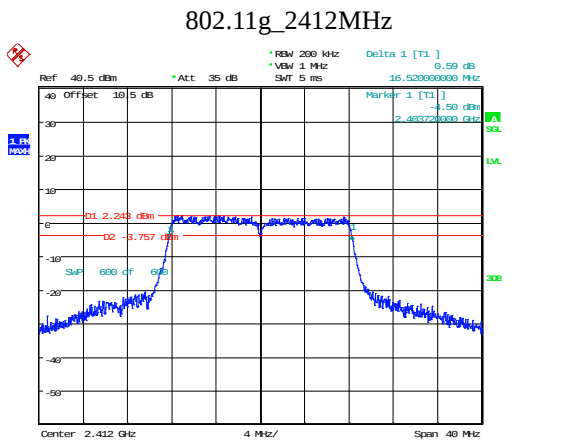
Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 09:46:07



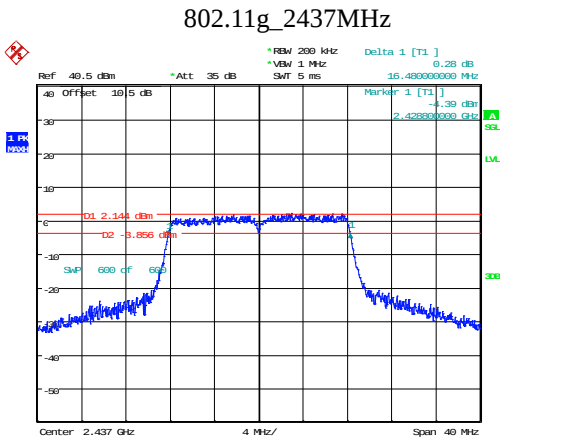
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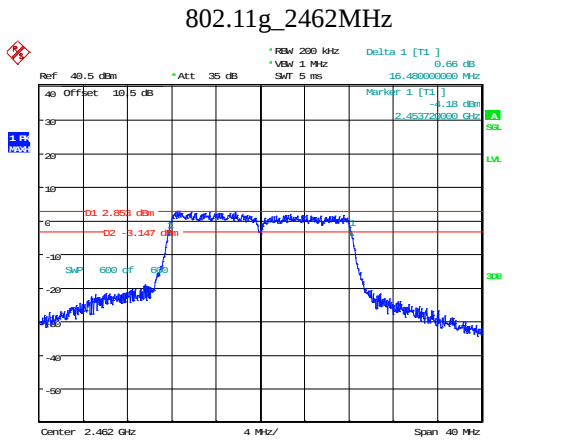
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ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 8.APR.2025 19:09:47

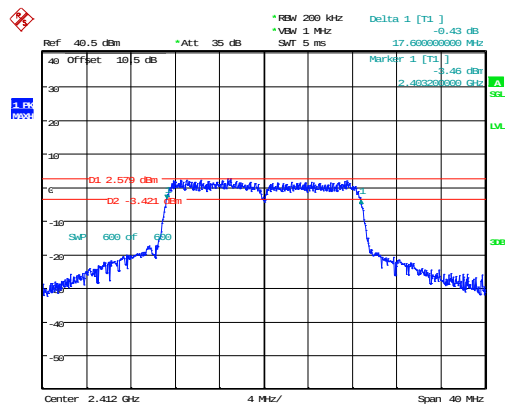


ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 8.APR.2025 19:15:21



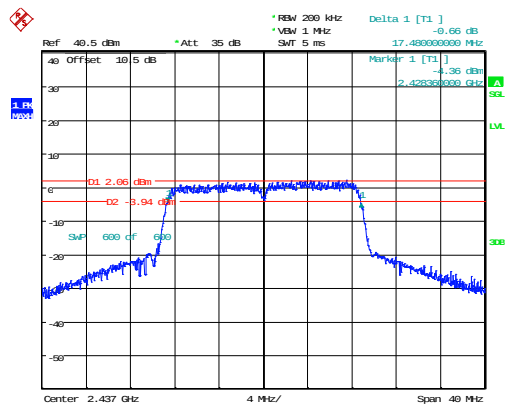
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Date: 8.APR.2025 19:19:51

802.11n20_2412MHz



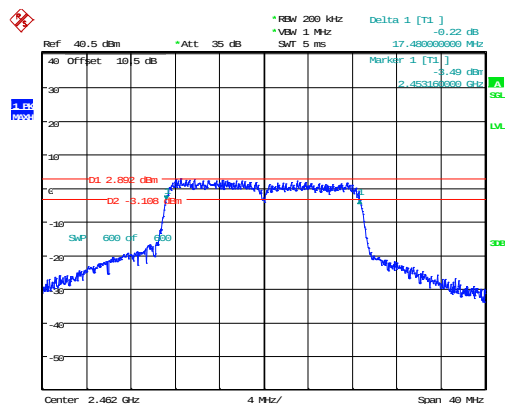
ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 8.APR.2025 19:25:46

802.11n20_2437MHz



ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 8.APR.2025 19:31:18

802.11n20_2462MHz



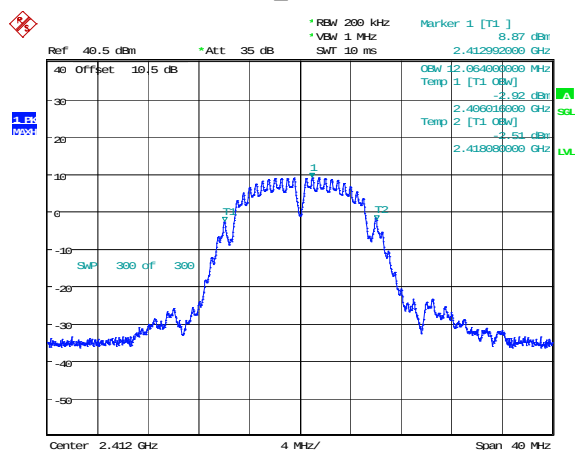
ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 8.APR.2025 19:35:49

99% Occupied Bandwidth

Mode	Test Frequency (MHz)	99% OBW (MHz)
802.11b	2412	12.064
	2437	12.096
	2462	12.096
802.11g	2412	16.800
	2437	16.680
	2462	16.840
802.11n20	2412	17.920
	2437	17.760
	2462	17.880

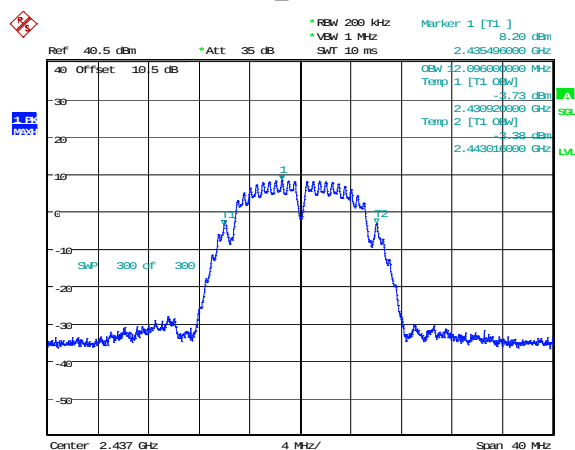
2.4G

802.11b 2412MHz



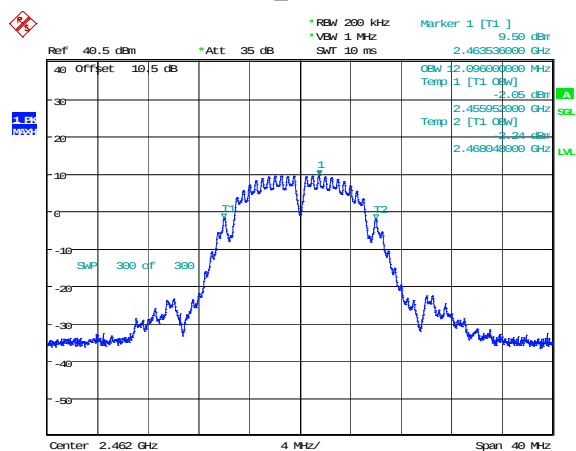
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Date: 2.APR.2025 09:46:44

802.11b 2437MHz



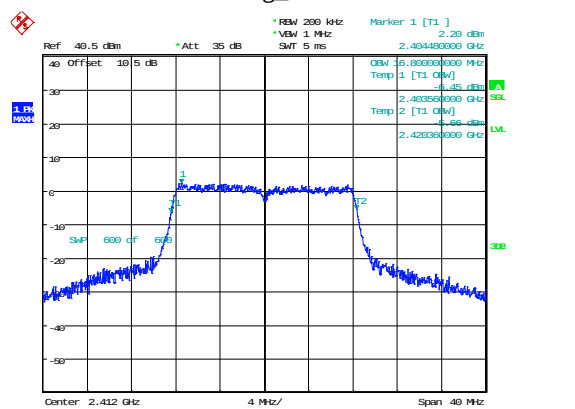
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Date: 2.APR.2025 09:52:05

802.11b 2462MHz



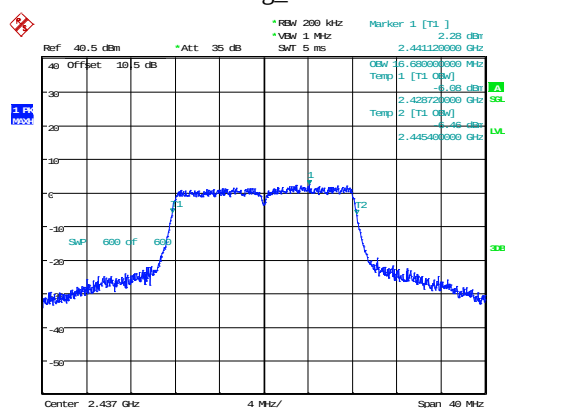
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Date: 2, APR, 2025 09:56:48

802.11g 2412MHz



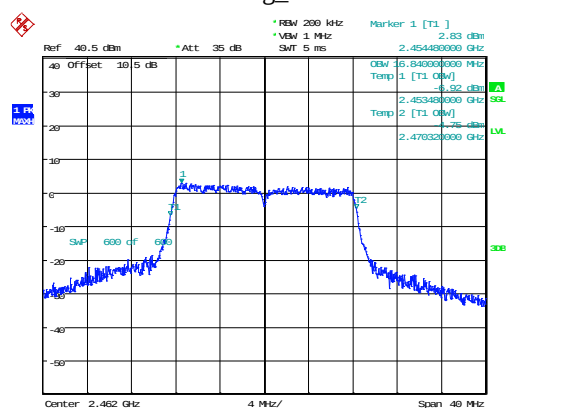
ProjectNo.:2503R23056E-RF Tester:Leo Li
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802.11g 2437MHz



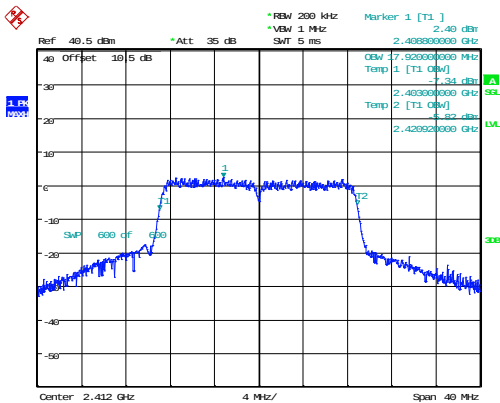
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802.11g 2462MHz



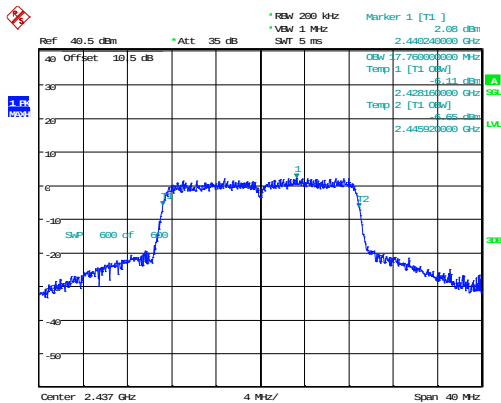
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Date: 8.APR.2025 19:21:31

802.11n20_2412MHz



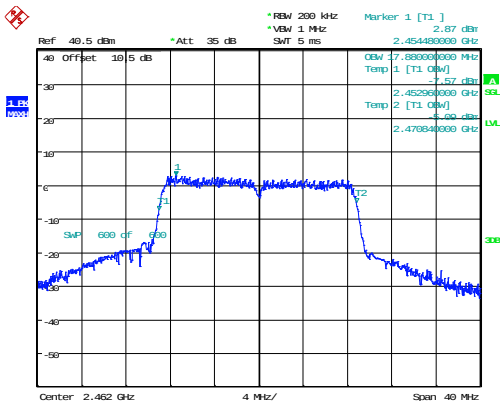
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Date: 8.APR.2025 19:27:16

802.11n20_2437MHz



ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 8.APR.2025 19:32:39

802.11n20_2462MHz



ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 8.APR.2025 19:37:31

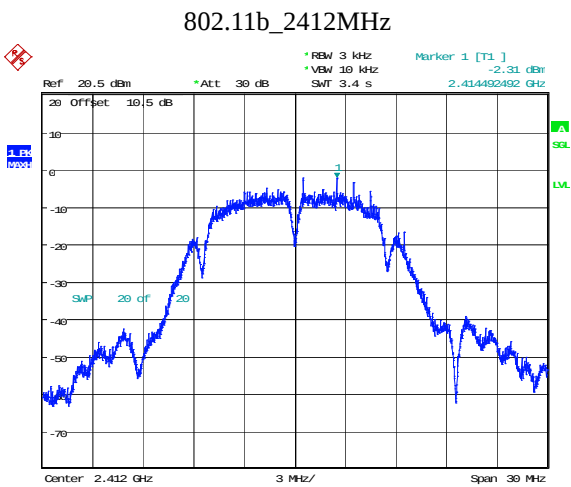
Maximum Conducted Output Power

Mode	Test Frequency (MHz)	Peak Output Power(dBm)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11b	2412	21.36	17.86	30	Pass
	2437	20.86	17.21	30	Pass
	2462	21.98	18.42	30	Pass
802.11g	2412	19.88	11.39	30	Pass
	2437	19.71	11.14	30	Pass
	2462	20.03	11.59	30	Pass
802.11n20	2412	19.85	11.35	30	Pass
	2437	19.65	11.05	30	Pass
	2462	20.01	11.53	30	Pass

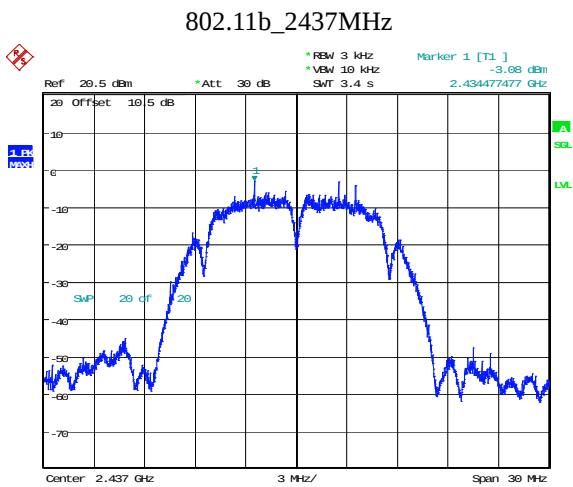
Power Spectral Density

Mode	Test Frequency (MHz)	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
802.11b	2412	-2.31	8	Pass
	2437	-3.08	8	Pass
	2462	-1.62	8	Pass
802.11g	2412	-14.00	8	Pass
	2437	-13.67	8	Pass
	2462	-13.52	8	Pass
802.11n20	2412	-13.03	8	Pass
	2437	-13.39	8	Pass
	2462	-13.12	8	Pass

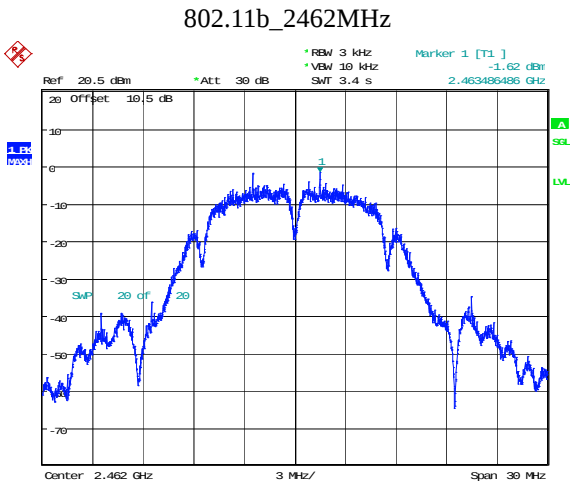
2.4G



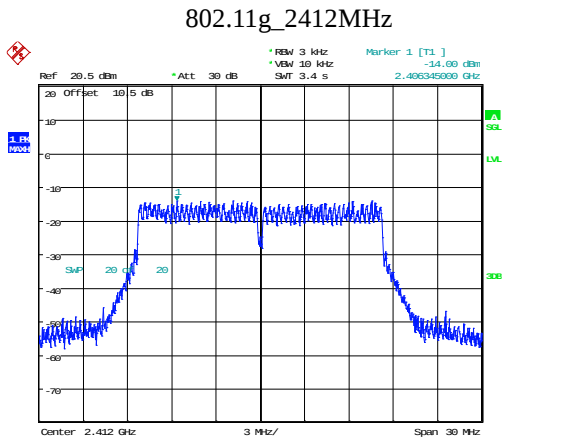
Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 09:49:35



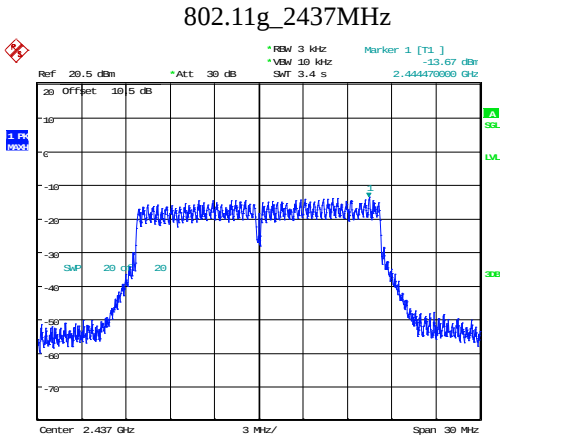
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Date: 2.APR.2025 09:53:40



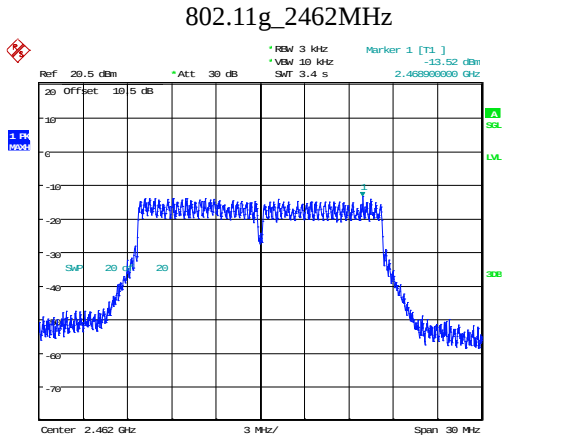
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Date: 2.APR.2025 09:59:22



ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 8.APR.2025 19:14:06

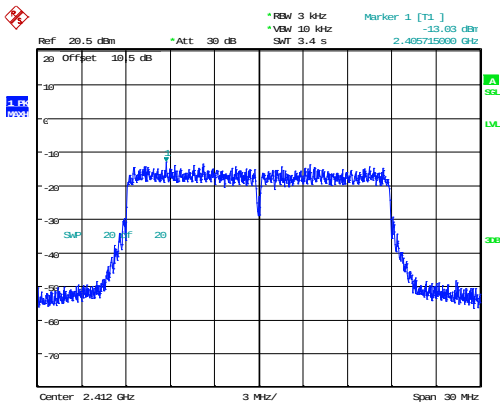


ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 8.APR.2025 19:18:15



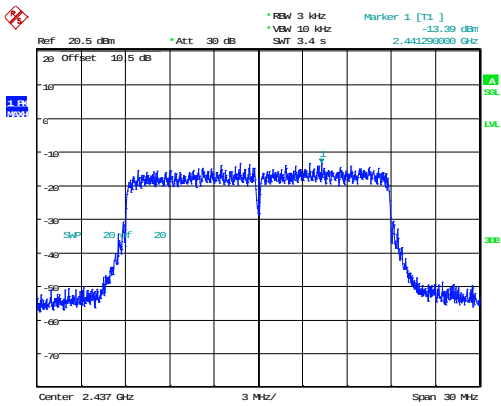
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802.11n20_2412MHz



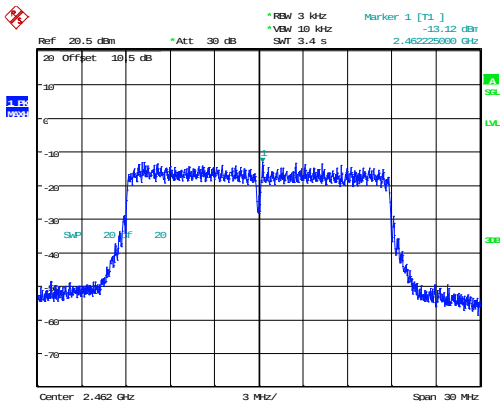
ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 8.APR.2025 19:30:04

802.11n20_2437MHz



ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 8.APR.2025 19:34:15

802.11n20_2462MHz

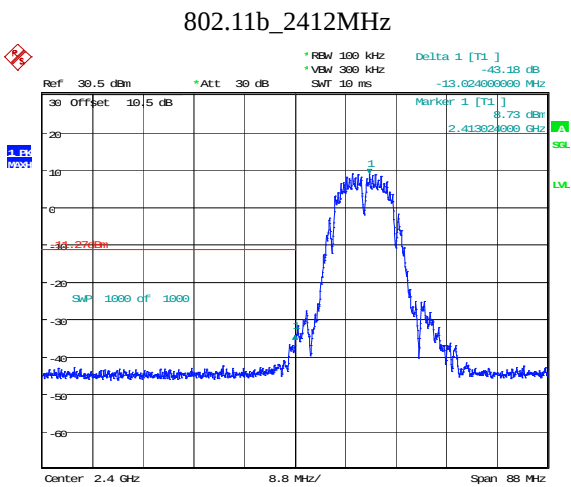


ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 8.APR.2025 19:40:19

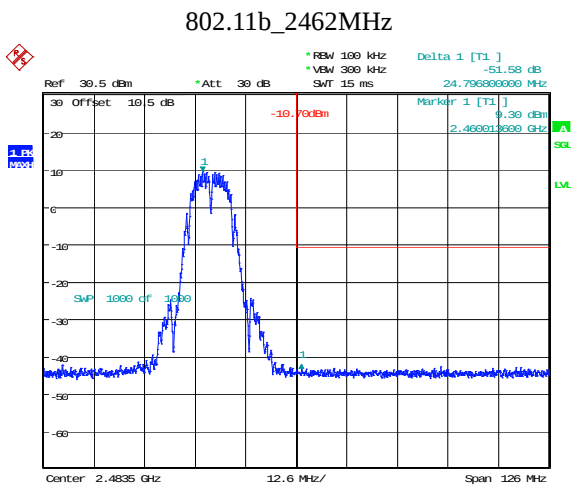
100 kHz Bandwidth of Frequency Band Edge

Mode	Test Frequency (MHz)	Result (dB)	Limit (dB)	Verdict
802.11b	2412	43.18	20	Pass
	2462	51.58	20	Pass
802.11g	2412	29.46	20	Pass
	2462	40.55	20	Pass
802.11n20	2412	26.87	20	Pass
	2462	39.33	20	Pass

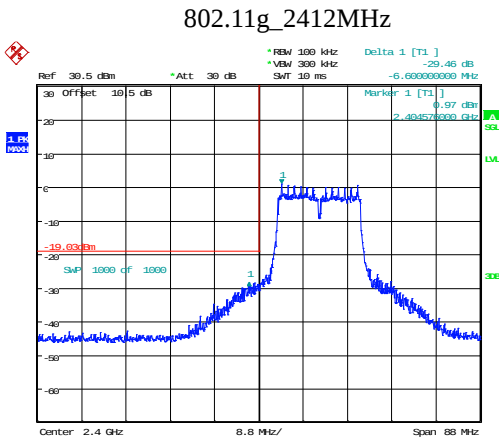
2.4G



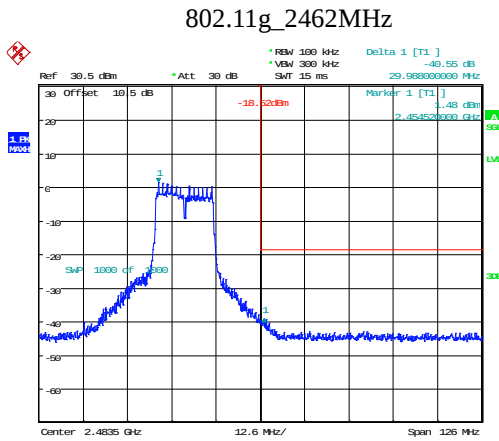
Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 09:48:18



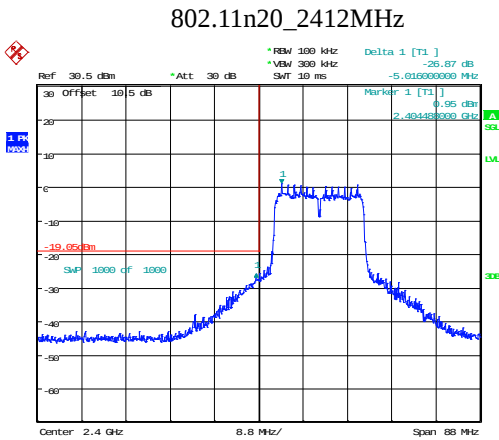
Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 2.APR.2025 09:58:05



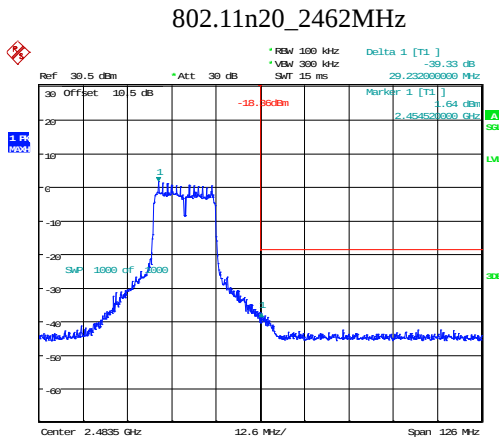
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Date: 8.APR.2025 19:12:48



ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 8.APR.2025 19:23:02



ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 8.APR.2025 19:28:46



ProjectNo.:2503R23056E-RF Tester:Leo Li
Date: 8.APR.2025 19:39:00

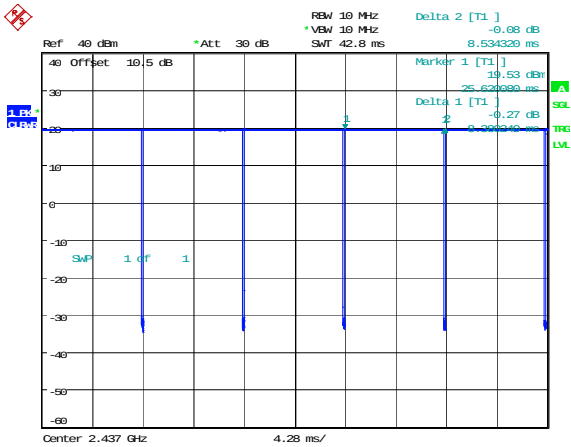
Duty Cycle

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11b	2437	8.380	8.534	98.20	/	/	0.010
802.11g	2437	1.391	1.545	90.03	0.46	719	1
802.11n20	2437	1.172	1.327	88.32	0.54	853	1

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

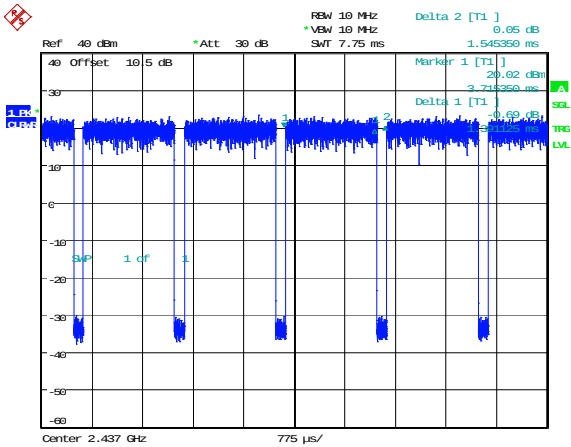
2.4G

802.11b_2437MHz



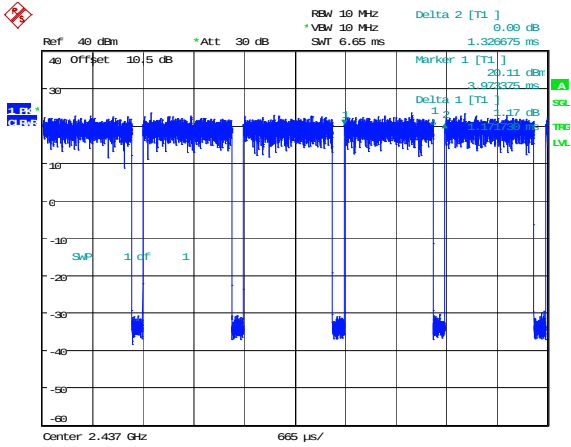
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Date: 2.APR.2025 09:35:23

802.11g_2437MHz



Comment: ProjectNo.:2503R23056E-RF Tester:Leo LI
Date: 2.APR.2025 09:38:05

802.11n20_2437MHz



Comment: ProjectNo.:2503R23056E-RF Tester:Leo LI
Date: 2.APR.2025 09:40:56