

5250-5350MHz

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	FCC&RSS 247 Limit (dBm/MHz)
802.11a	5260	5.27	0.11	5.38	11
	5280	4.82	0.11	4.93	11
	5320	4.56	0.11	4.67	11
802.11n20	5260	5.01	0.13	5.14	11
	5280	4.78	0.13	4.91	11
	5320	4.36	0.13	4.49	11
802.11n40	5270	1.87	0.21	2.08	11
	5310	1.74	0.21	1.95	11

5470-5725MHz

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	FCC&RSS 247 Limit (dBm/MHz)
802.11a	5500	1.83	0.11	1.94	11
	5580	1.50	0.11	1.61	11
	5700	2.06	0.11	2.17	11
	5720	2.19	0.11	2.21	11
802.11n20	5500	1.48	0.13	1.61	11
	5580	1.26	0.13	1.39	11
	5700	2.16	0.13	2.29	11
	5720	2.06	0.13	2.19	11
802.11n40	5510	-1.28	0.21	-1.07	11
	5550	-1.71	0.21	-1.50	11
	5670	-0.84	0.21	-0.63	11
	5710	-1.25	0.21	-1.04	11

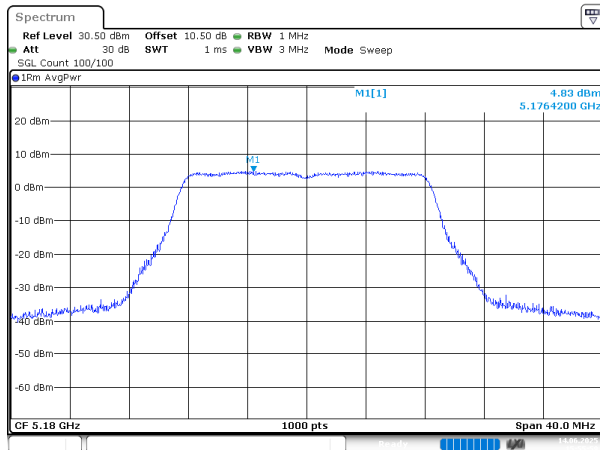
5725-5850MHz

Mode	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor (dB)	Result (dBm/500kHz)	FCC&RSS 247 Limit (dBm/500kHz)
802.11a	5745	0.00	0.11	0.11	30
	5785	0.05	0.11	0.16	30
	5825	0.24	0.11	0.35	30
802.11n20	5745	-0.14	0.13	-0.01	30
	5785	-0.31	0.13	-0.18	30
	5825	-0.13	0.13	0.00	30
802.11n40	5755	-3.40	0.21	-3.19	30
	5795	-3.46	0.21	-3.25	30

Result = Reading + Duty Cycle Factor

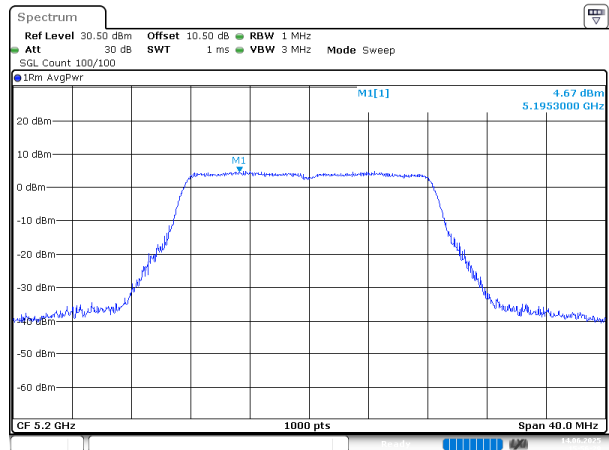
5150-5250MHz

802.11a_5180MHz



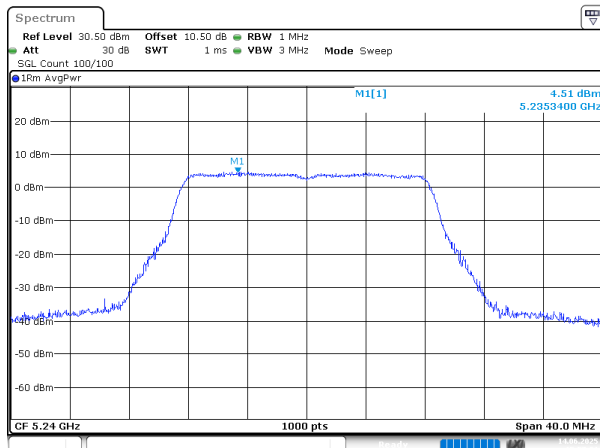
ProjectNo.:2502S13359E-RF Tester:Jojo Zhou
Date: 14.JUN.2025 15:56:00

802.11a_5200MHz



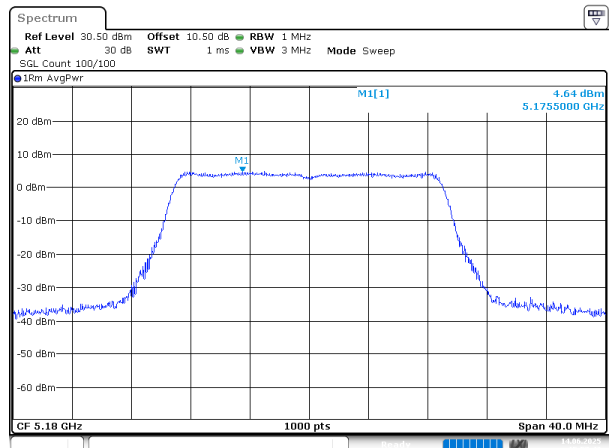
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802.11a_5240MHz



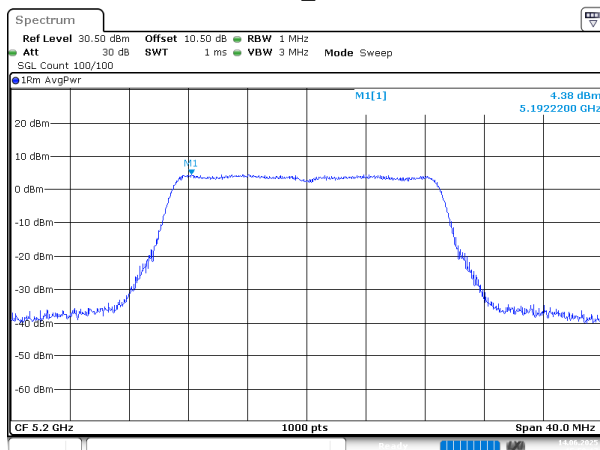
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802.11n20_5180MHz



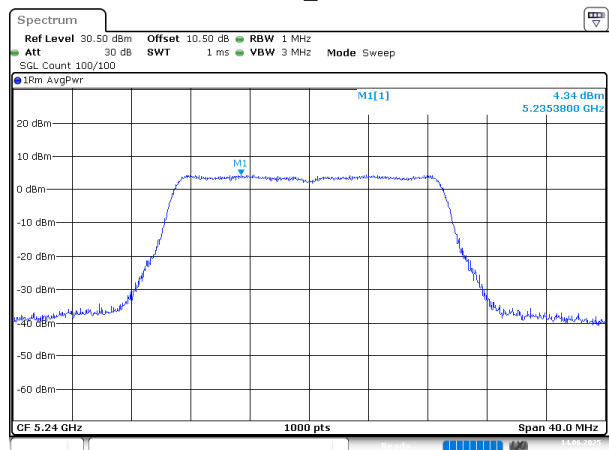
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Date: 14.JUN.2025 15:57:43

802.11n20_5200MHz



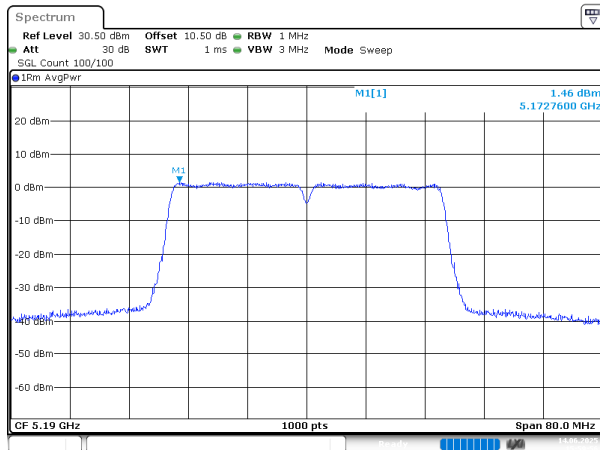
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802.11n20_5240MHz



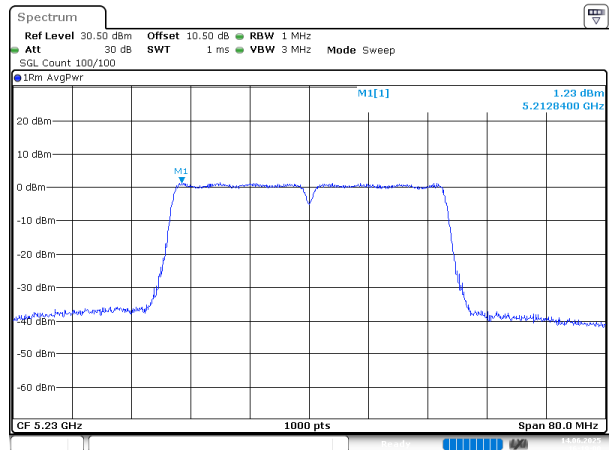
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Date: 14.JUN.2025 15:58:59

802.11n40_5190MHz



ProjectNo.:2502S13359E-RF Tester:Jojo Zhou
Date: 14.JUN.2025 15:59:57

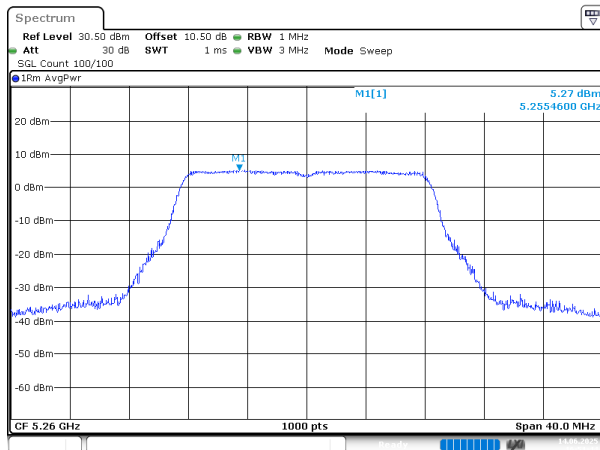
802.11n40_5230MHz



ProjectNo.:2502S13359E-RF Tester:Jojo Zhou
Date: 14.JUN.2025 16:19:01

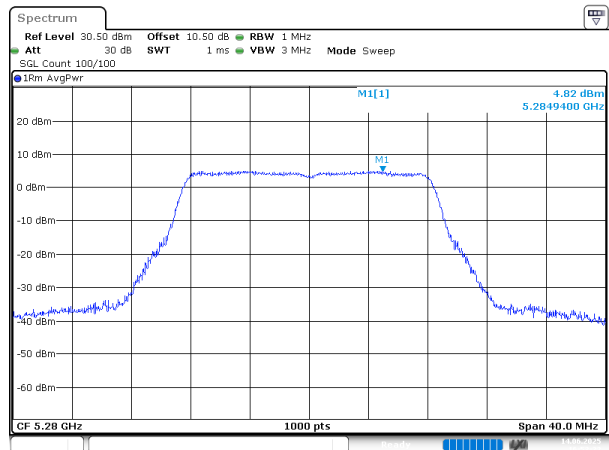
5250-5350MHz

802.11a_5260MHz



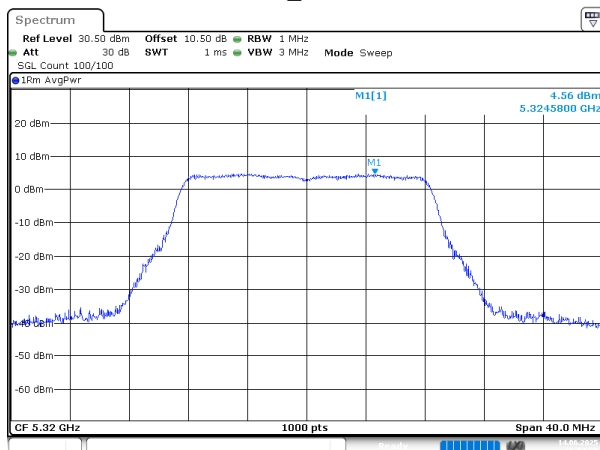
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802.11a_5280MHz



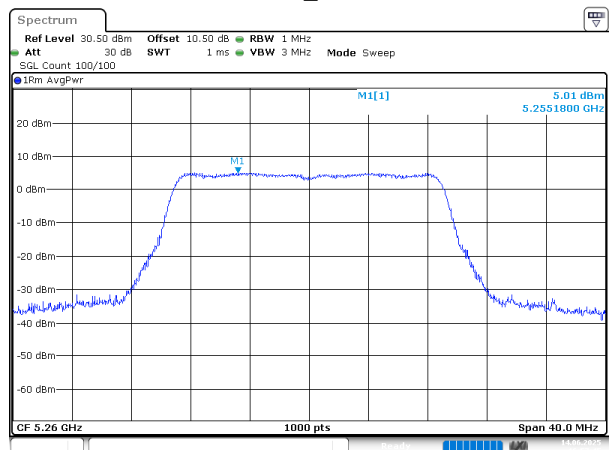
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802.11a_5320MHz



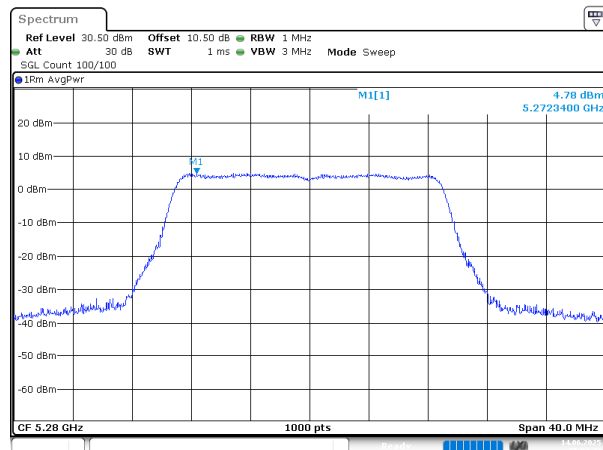
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Date: 14.JUN.2025 16:54:59

802.11n20_5260MHz



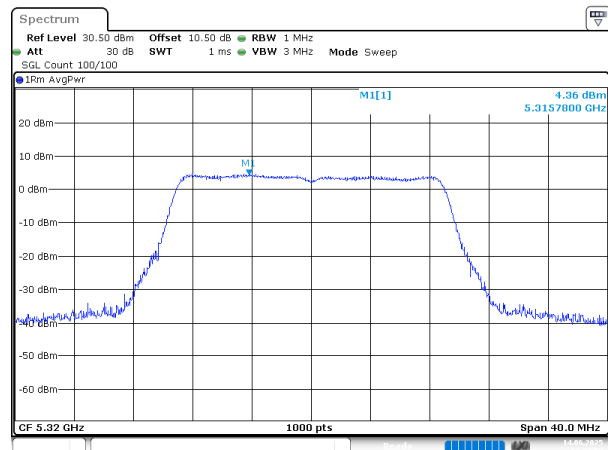
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802.11n20_5280MHz



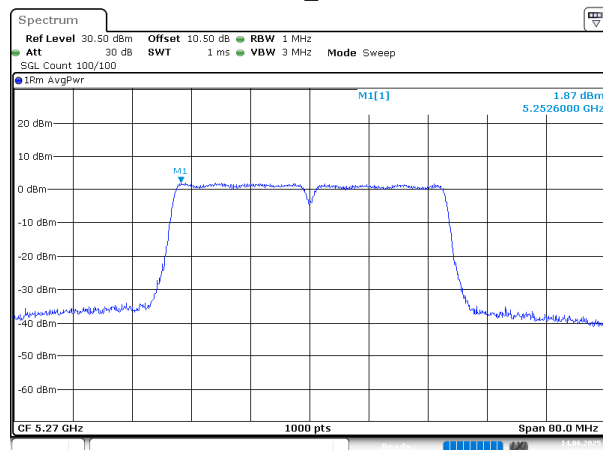
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802.11n20_5320MHz



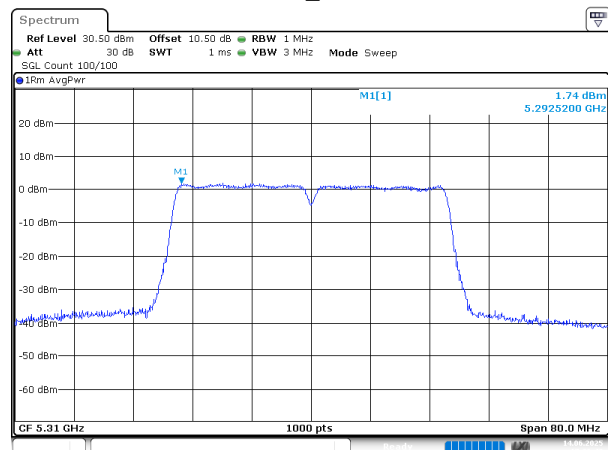
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802.11n40_5270MHz



ProjectNo.:2502S13359E-RF Tester:Jojo Zhou
Date: 14.JUN.2025 17:09:29

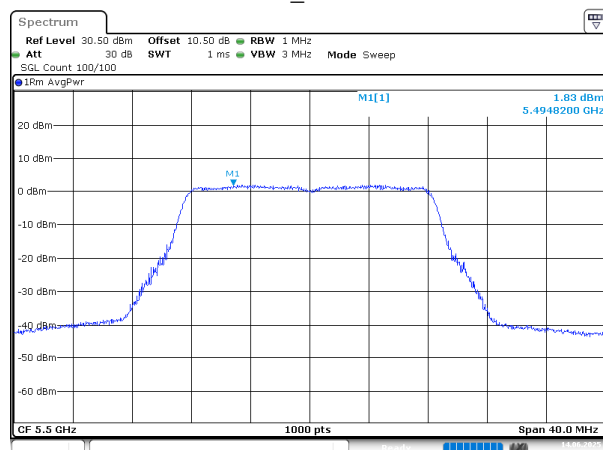
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ProjectNo.:2502S13359E-RF Tester:Jojo Zhou
Date: 14.JUN.2025 17:26:48

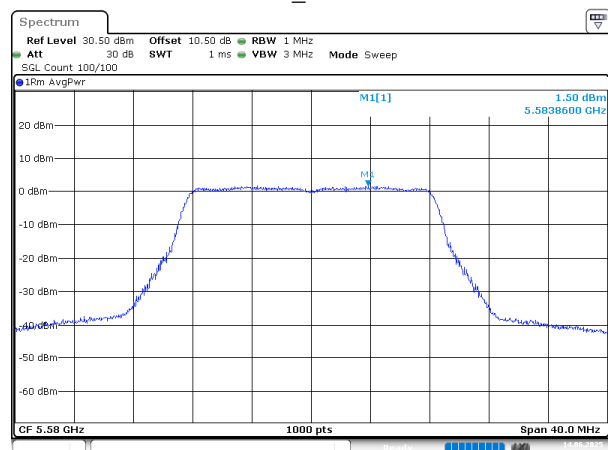
5470-5725MHz

802.11a_5500MHz



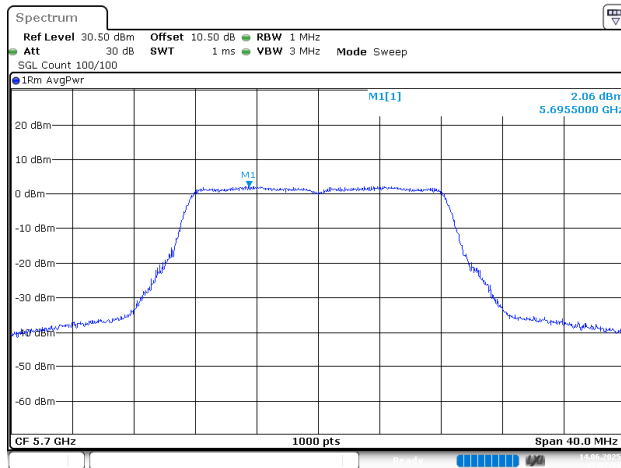
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802.11a_5580MHz



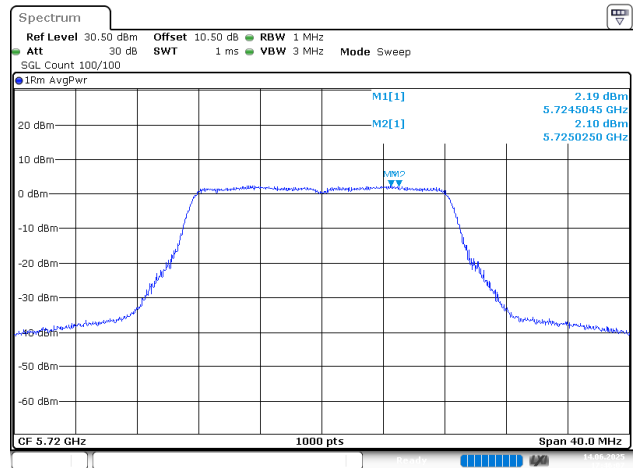
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802.11a_5700MHz



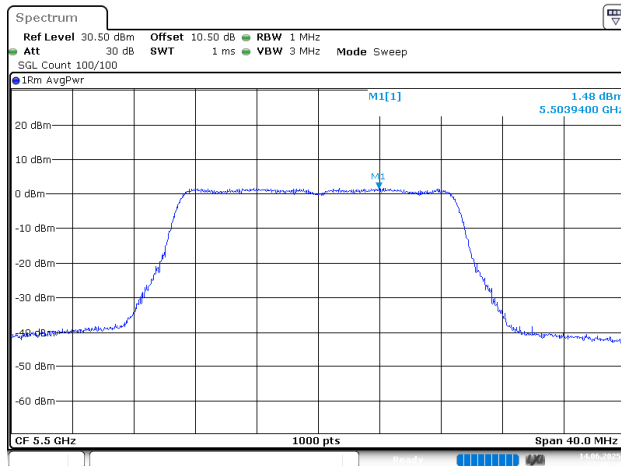
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802.11a_5720MHz



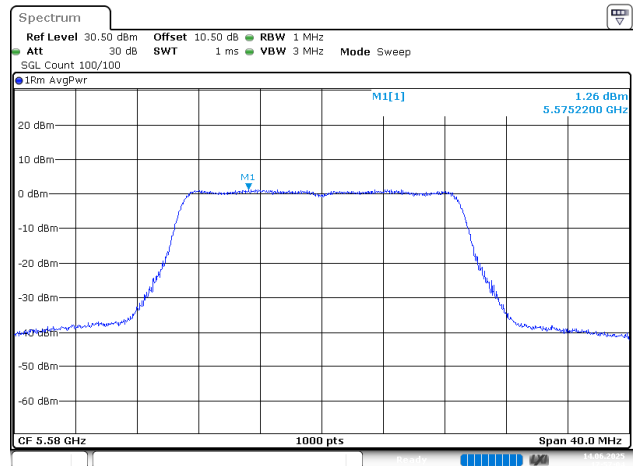
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802.11n20_5500MHz



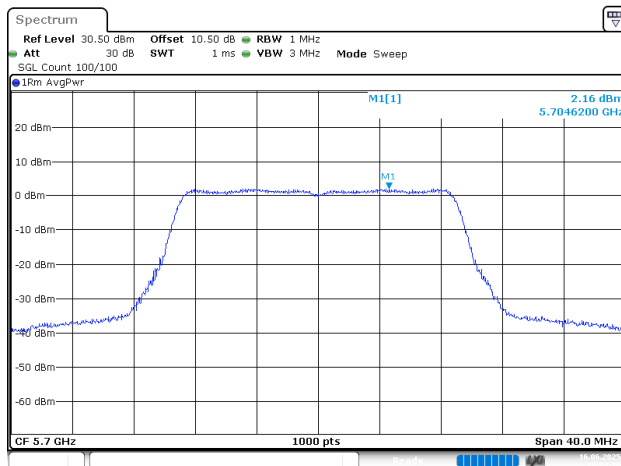
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802.11n20_5580MHz



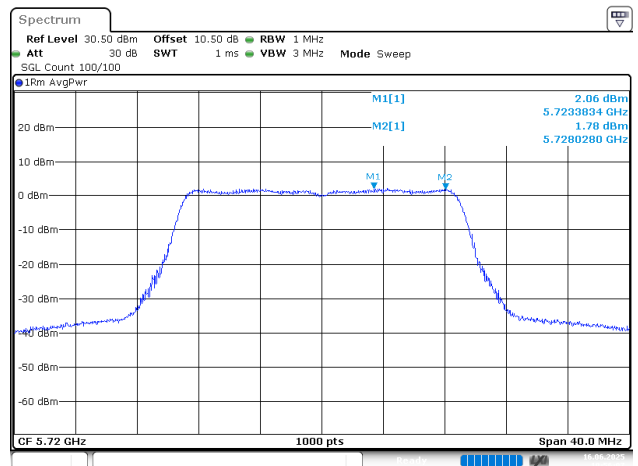
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802.11n20_5700MHz



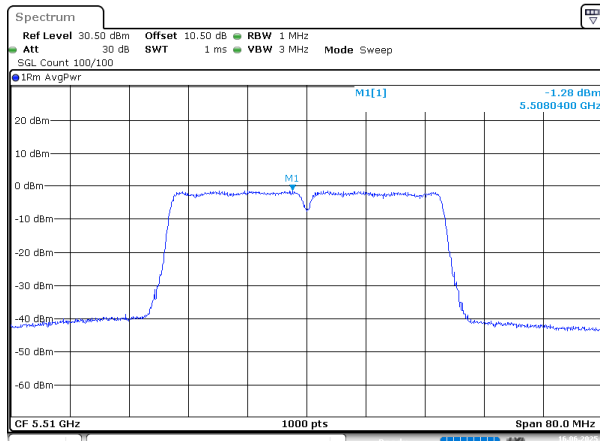
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802.11n20_5720MHz



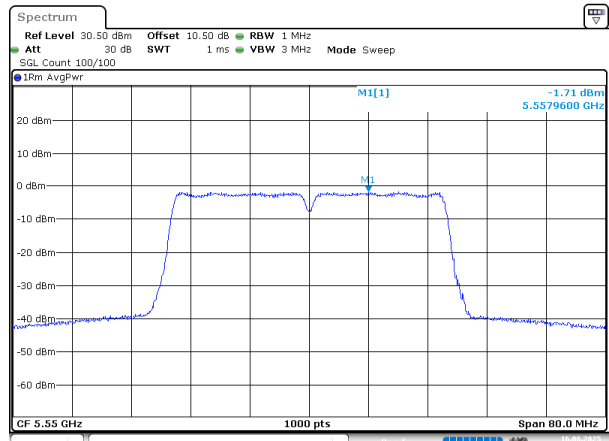
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802.11n40_5510MHz



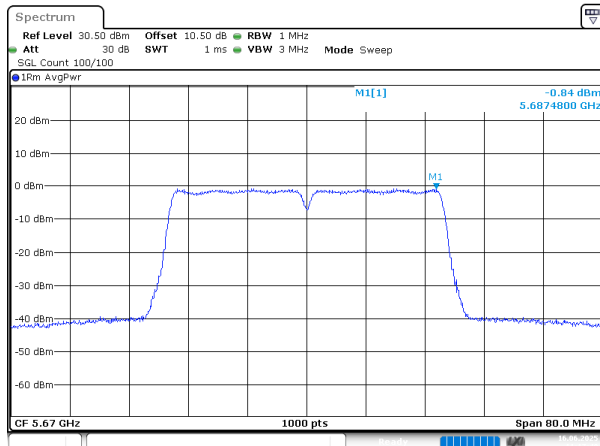
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802.11n40_5550MHz



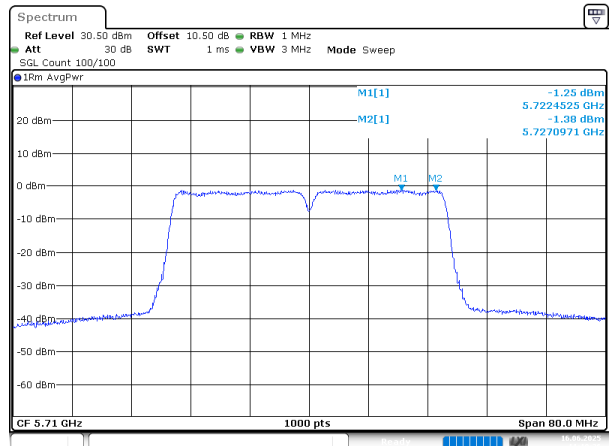
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802.11n40_5670MHz



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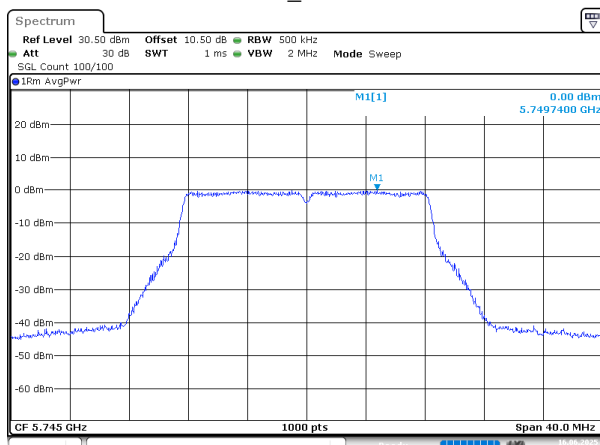
802.11n40_5710MHz



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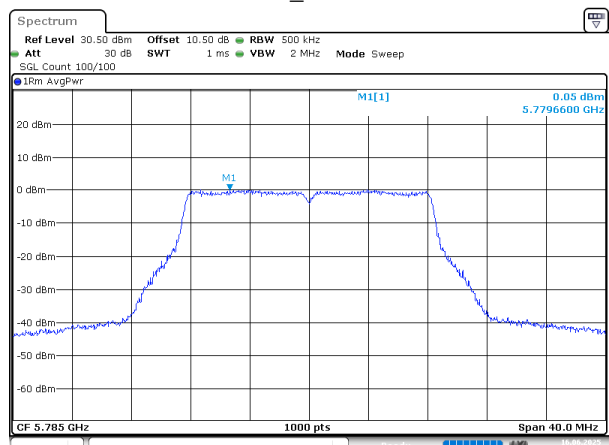
5725-5850MHz

802.11a_5745MHz



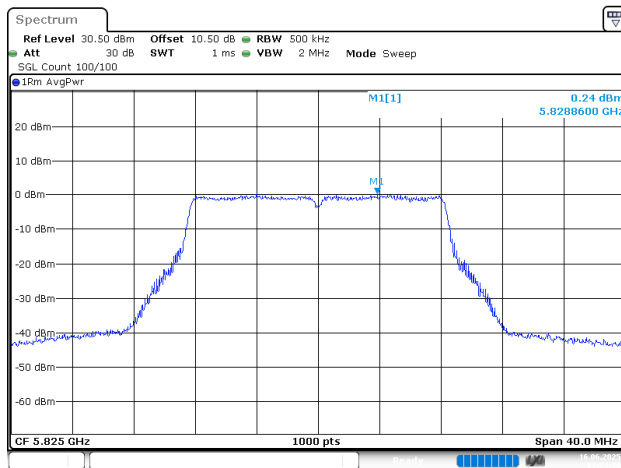
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802.11a_5785MHz



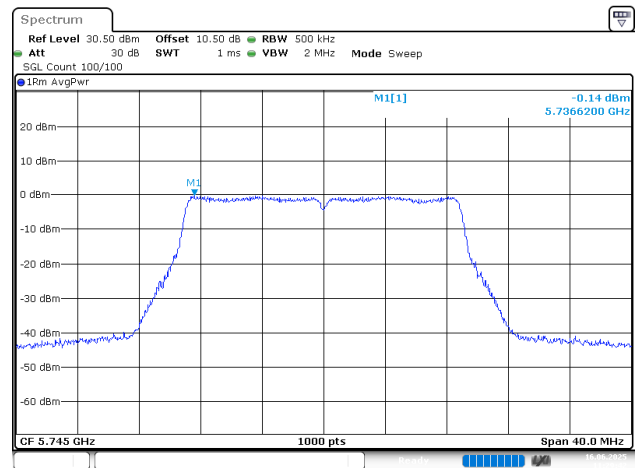
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802.11a_5825MHz



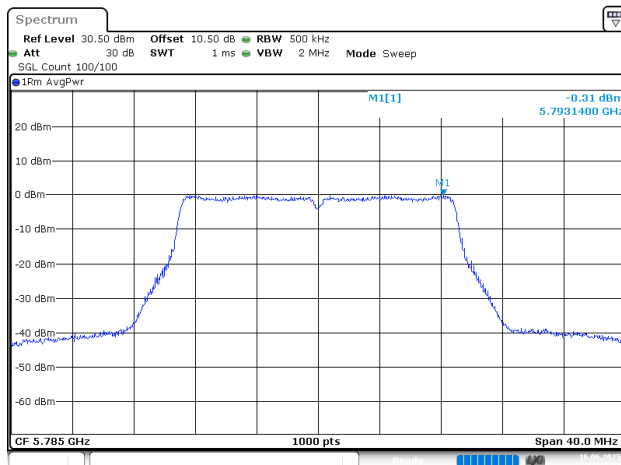
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802.11n20_5745MHz



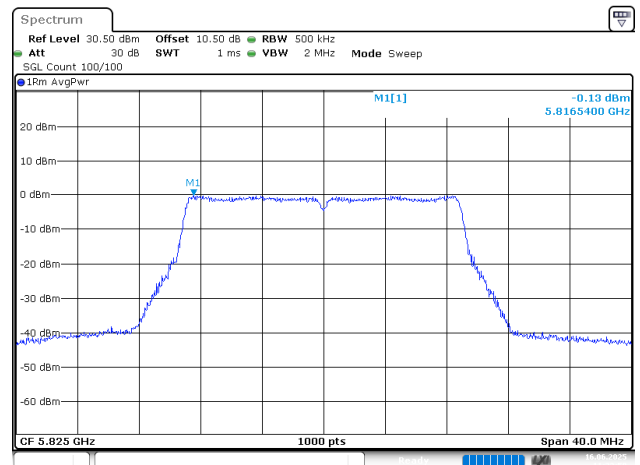
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Date: 16.JUN.2025 11:29:43

802.11n20_5785MHz



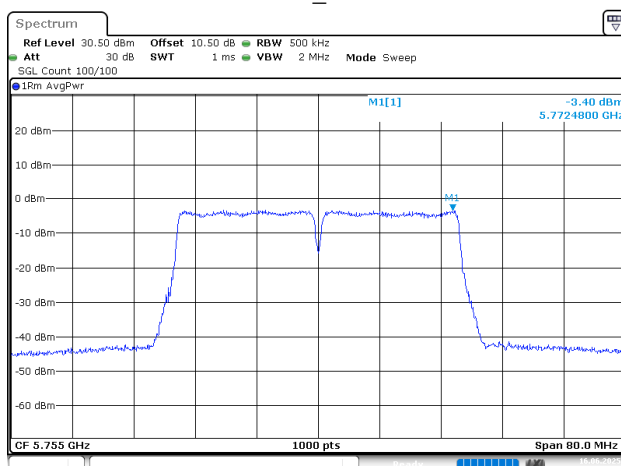
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802.11n20_5825MHz



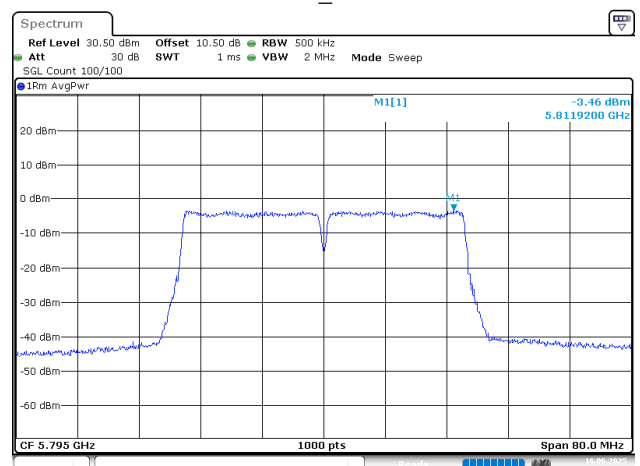
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Date: 16.JUN.2025 11:32:59

802.11n40_5755MHz



ProjectNo.:2502S13359E-RF Tester:Jojo Zhou
Date: 16.JUN.2025 11:34:08

802.11n40_5795MHz



ProjectNo.:2502S13359E-RF Tester:Jojo Zhou
Date: 16.JUN.2025 11:35:17

5.8 Duty Cycle

Test Information:

Serial No.:	311A-7	Test Date:	2025/06/14
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jojo Zhou	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	25.6	Relative Humidity: (%)	52	ATM Pressure: (kPa)	100.7
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101461	2024/09/05	2025/09/04
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM503	2025/06/07	2026/06/06

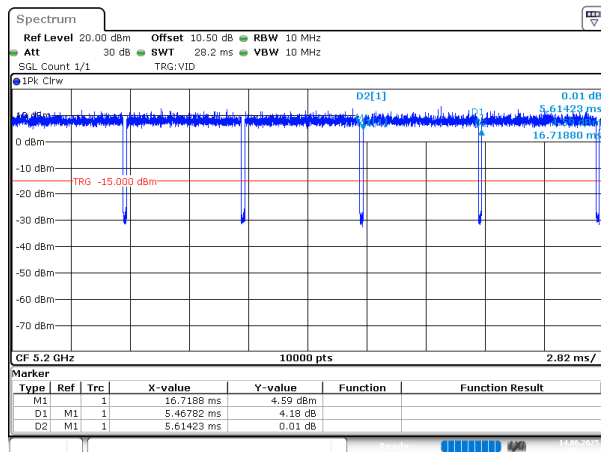
* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor (dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5200	5.468	5.614	97.40	0.11	183	0.200
802.11n20	5200	5.362	5.522	97.10	0.13	186	0.200
802.11n40	5190	3.015	3.163	95.32	0.21	332	0.500

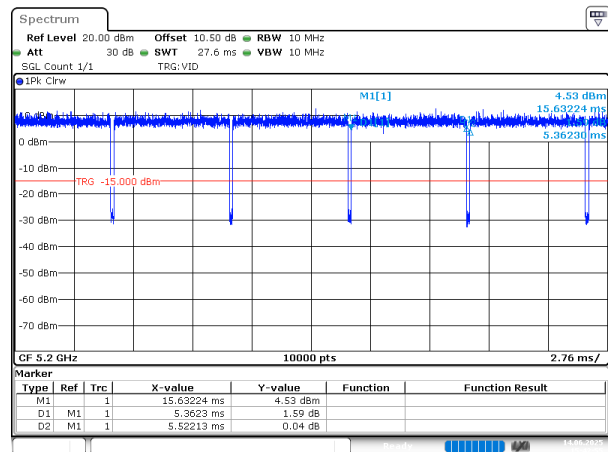
Duty Cycle = $\text{Ton}/(\text{Ton}+\text{Toff}) \times 100\%$

802.11a_5200MHz



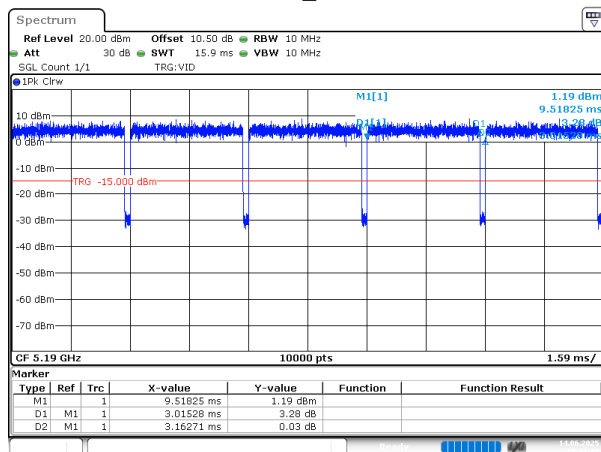
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Date: 14.JUN.2025 15:35:54

802.11n20_5200MHz



ProjectNo.:2502S13359E-RF Tester:Jojo Zhou
Date: 14.JUN.2025 15:42:56

802.11n40_5190MHz



ProjectNo.:2502S13359E-RF Tester:Jojo Zhou
Date: 14.JUN.2025 15:41:32

EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2502S13359E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2502S13359E-RF-INP EUT INTERNAL PHOTOGRAPHS.

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2502S13359E-RF-00D-TSP TEST SETUP PHOTOGRAPHS.

******* END OF REPORT *******