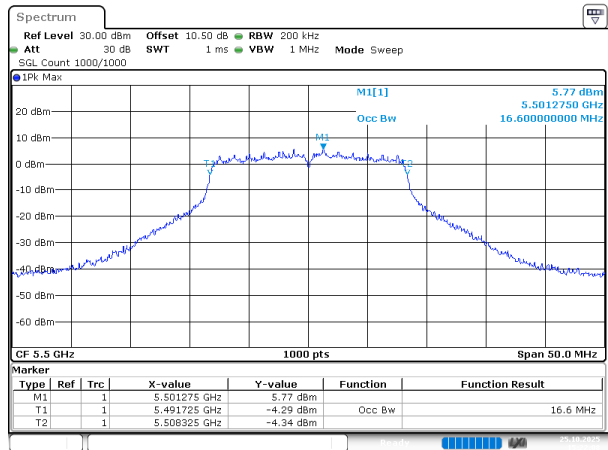


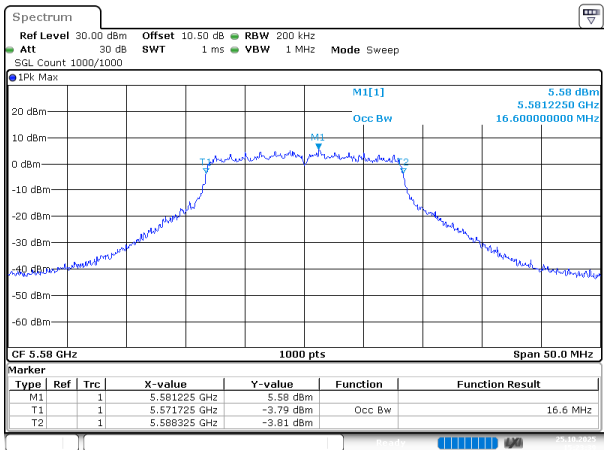
5470-5725MHz

802.11a_5500MHz



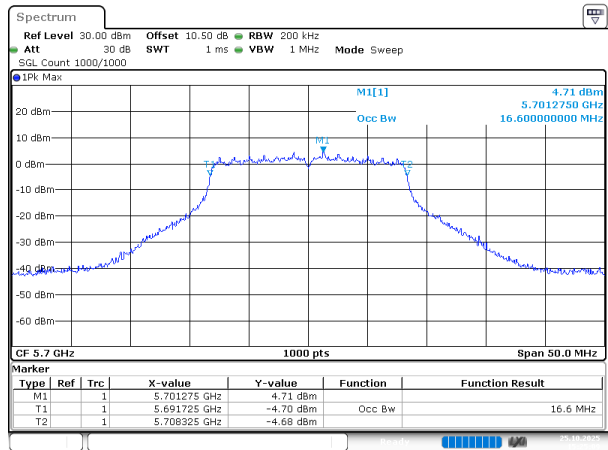
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Date: 25.OCT.2025 15:22:09

802.11a_5580MHz



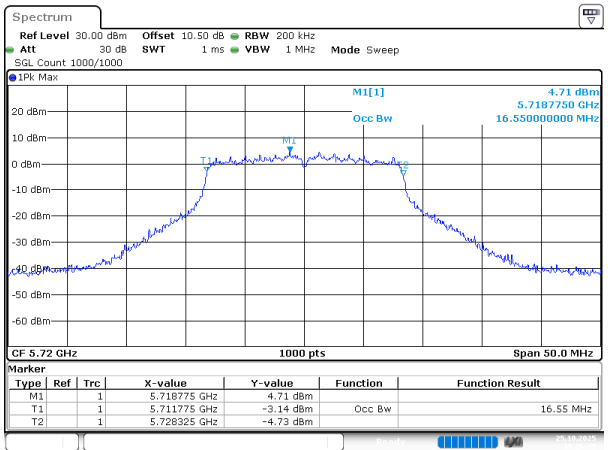
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802.11a_5700MHz



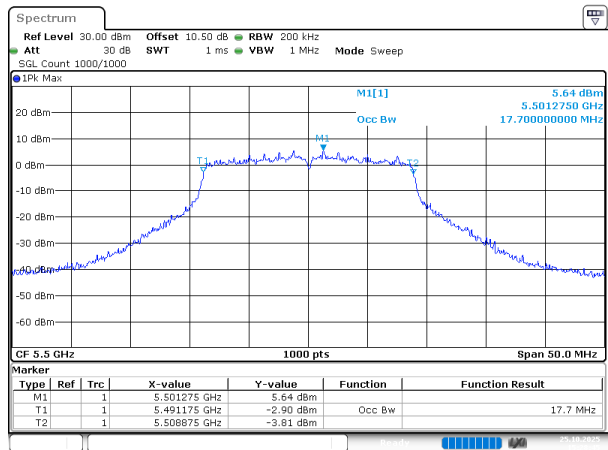
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802.11a_5720MHz



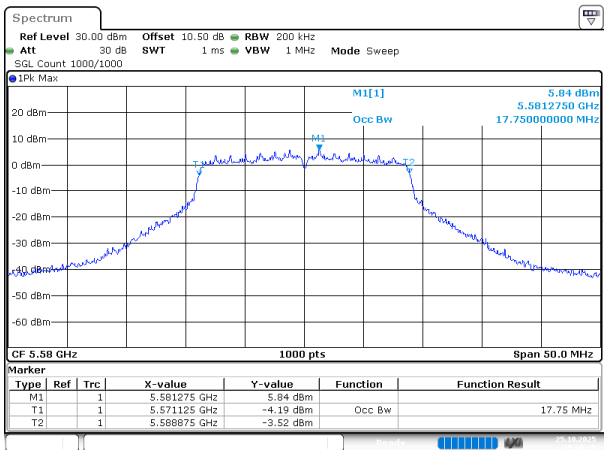
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802.11n20_5500MHz



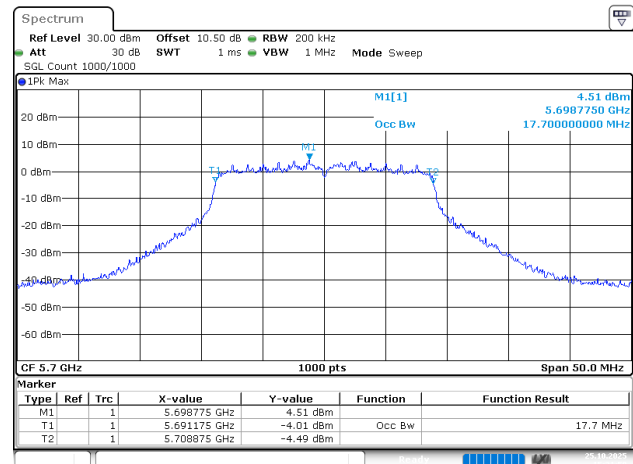
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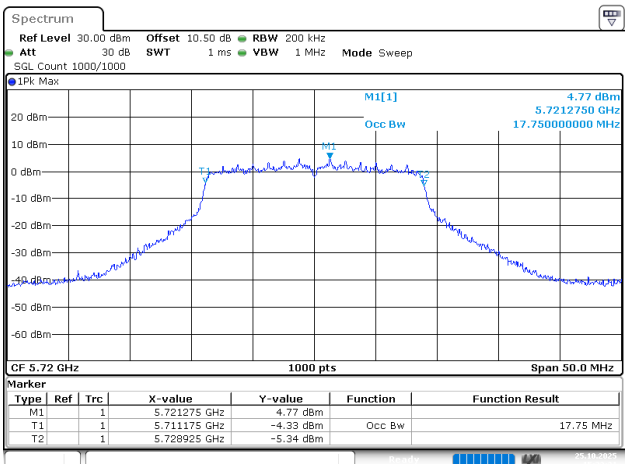
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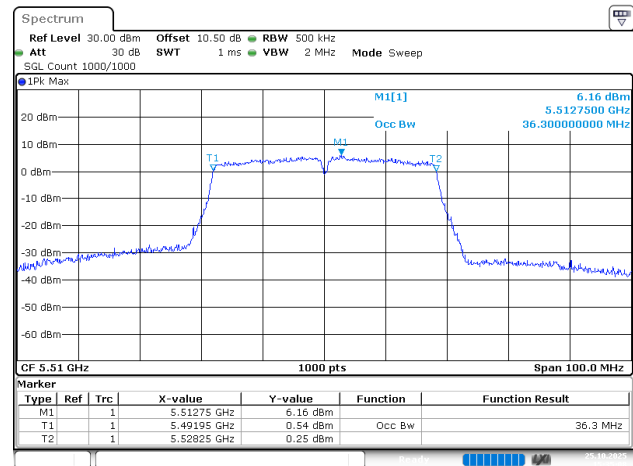
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802.11n20_5720MHz



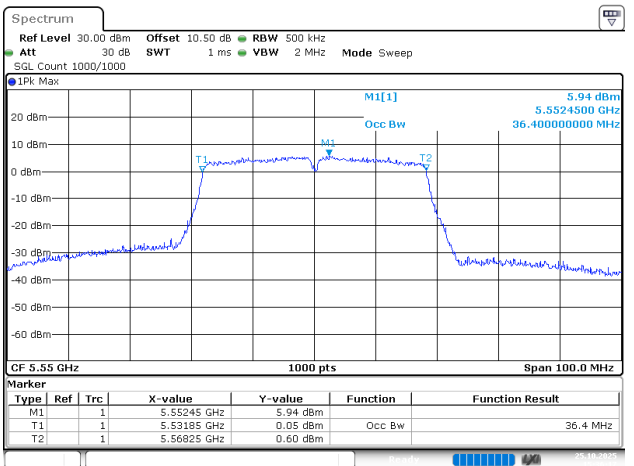
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802.11n40_5510MHz



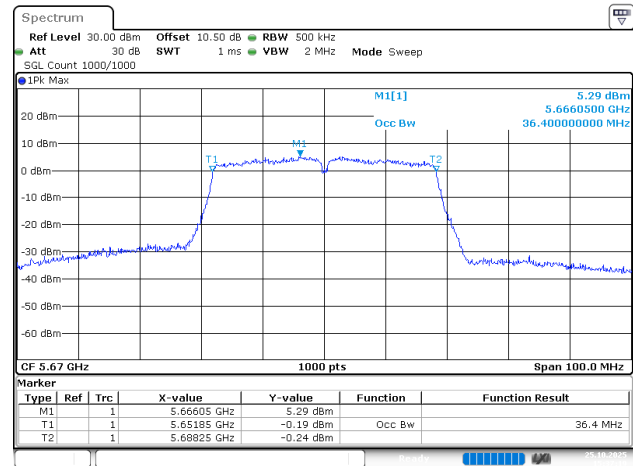
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802.11n40_5550MHz



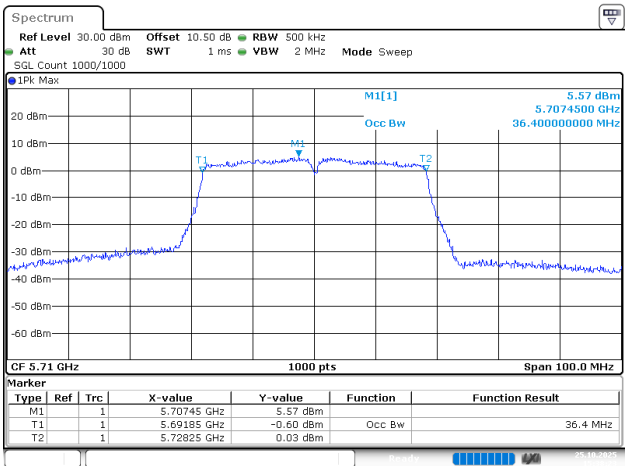
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802.11n40_5670MHz



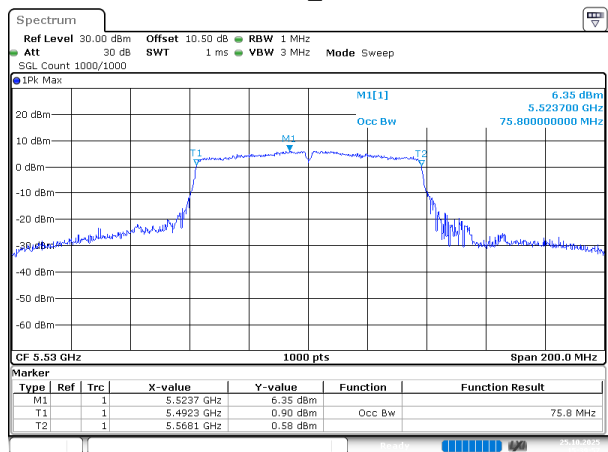
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802.11n40_5710MHz

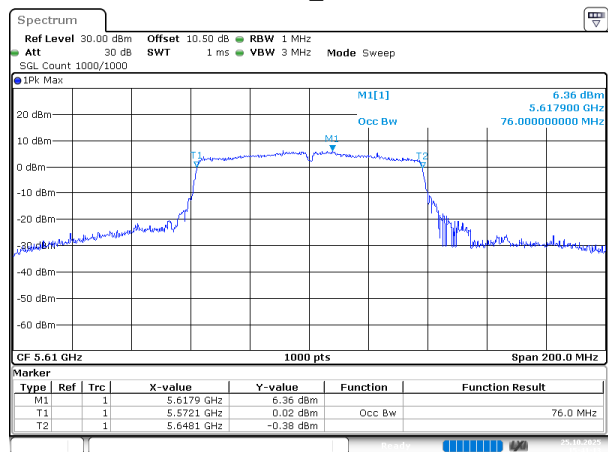


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Date: 25.OCT.2025 15:38:23

802.11ac80_5530MHz

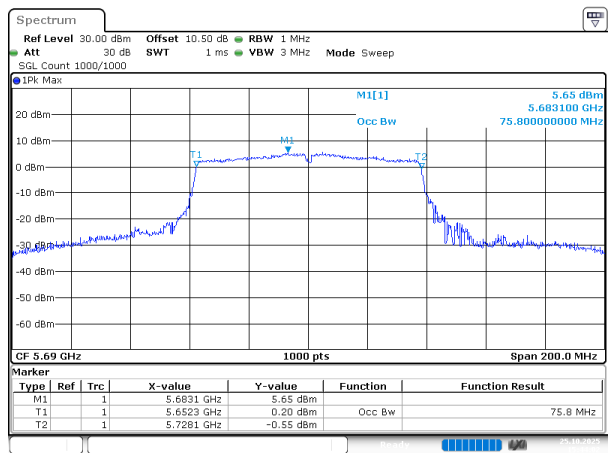


802.11ac80_5610MHz

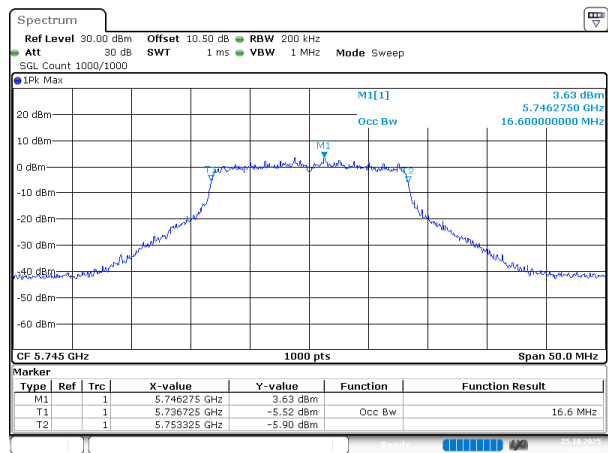


5725-5850MHz

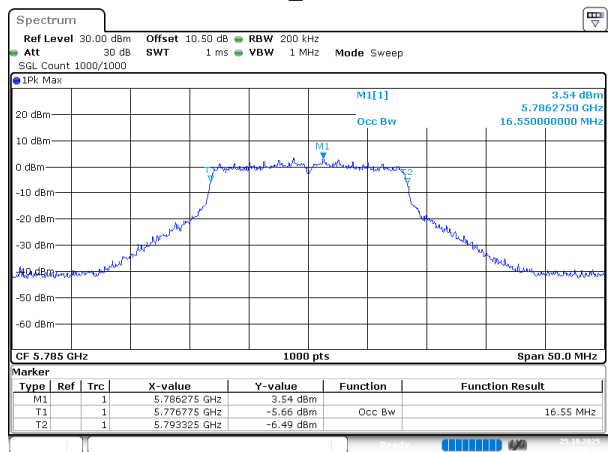
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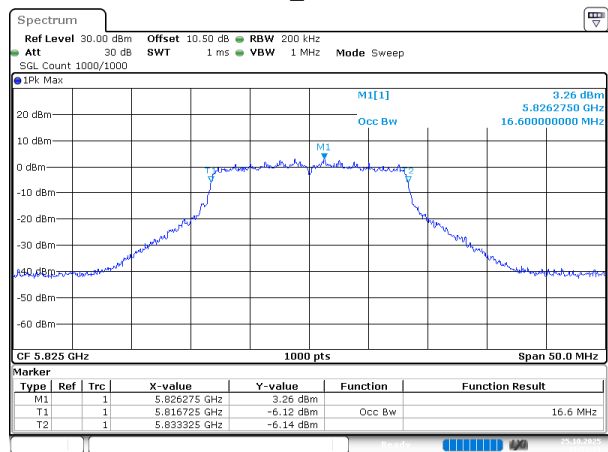
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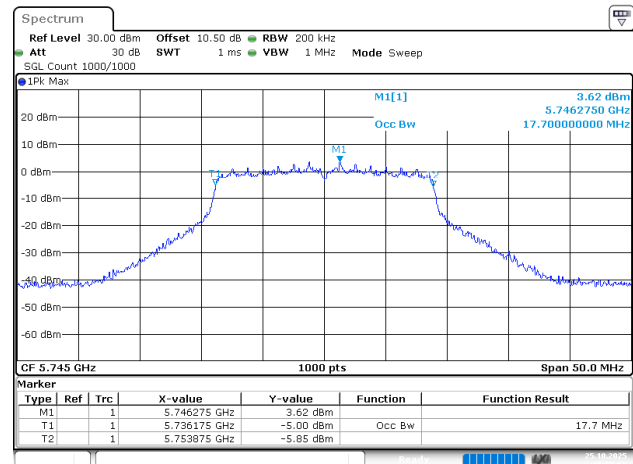
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802.11a_5825MHz

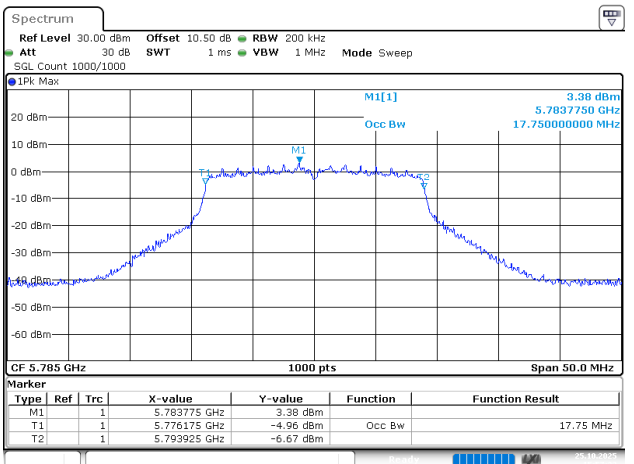


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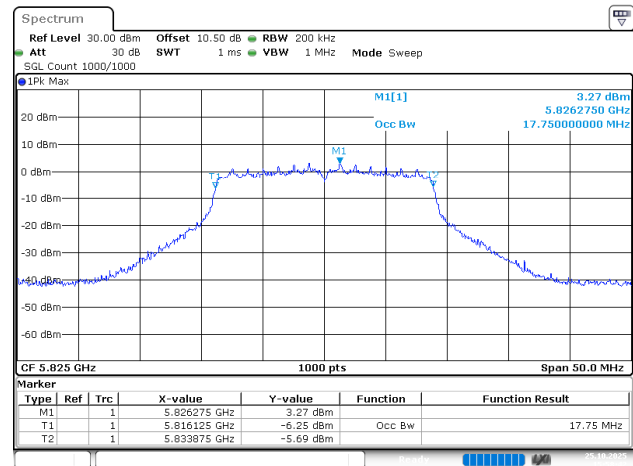
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802.11n20_5785MHz



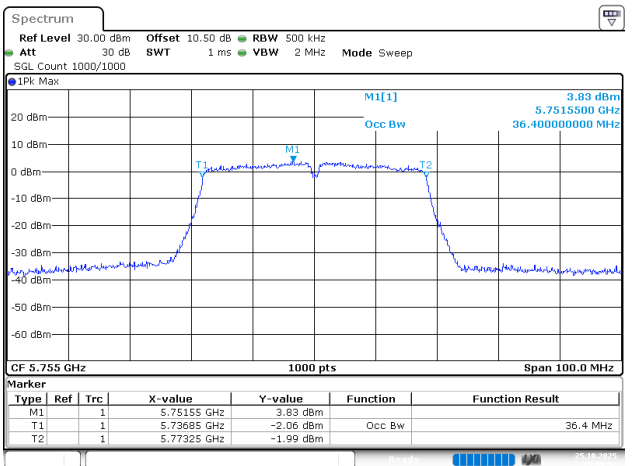
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802.11n20_5825MHz



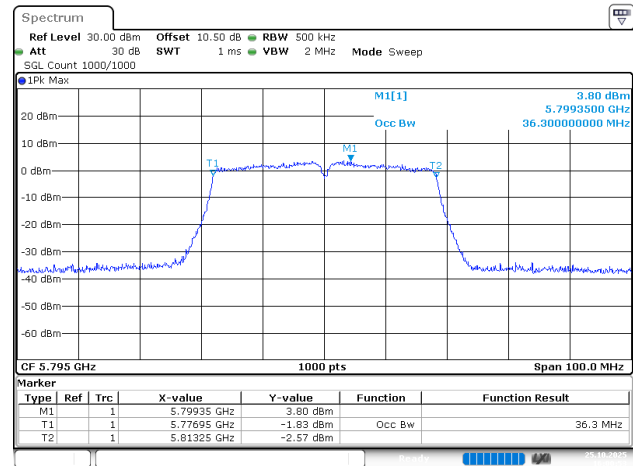
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802.11n40_5755MHz



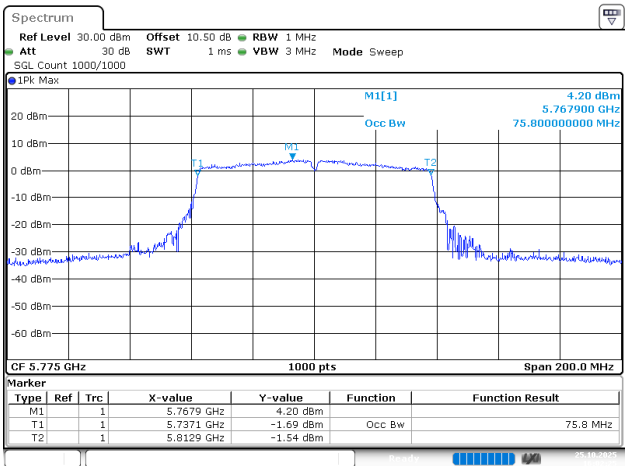
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802.11n40_5795MHz



ProjectNo.:2502W27143E-RF Tester:Conor Fu
Date: 25.OCT.2025 16:00:54

802.11ac80_5775MHz



ProjectNo.:2502W27143E-RF Tester:Conor Fu
Date: 25.OCT.2025 16:02:26

5.5 Maximum Conducted Output Power

Test Information:

Serial No.:	38S5-2	Test Date:	2025/10/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	27.2	Relative Humidity: (%)	45	ATM Pressure: (kPa)	101.1
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM503	2025/06/06	2026/06/05
Anritsu	Microwave Peak Power Sensor	MA24418A	12618	2025/06/11	2026/06/10

* 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:

5150-5250MHz

Mode	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	5180	9.71	24	Pass
	5200	9.76	24	Pass
	5240	10.55	24	Pass
802.11n20	5180	9.55	24	Pass
	5200	9.58	24	Pass
	5240	10.35	24	Pass
802.11n40	5190	10.64	24	Pass
	5230	10.88	24	Pass
802.11ac80	5210	10.48	24	Pass

Note: The device is a Client device.

5250-5350MHz

Mode	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	5260	11.79	24	Pass
	5280	11.84	24	Pass
	5320	11.75	24	Pass
802.11n20	5260	11.64	24	Pass
	5280	11.66	24	Pass
	5320	11.61	24	Pass
802.11n40	5270	12.72	24	Pass
	5310	12.63	24	Pass
802.11ac80	5290	12.46	24	Pass

5470-5725MHz

Mode	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	5500	14.01	24	Pass
	5580	14.23	24	Pass
	5700	13.08	24	Pass
	5720	12.45	24	Pass
802.11n20	5500	13.83	24	Pass
	5580	14.04	24	Pass
	5700	12.89	24	Pass
	5720	12.16	24	Pass
802.11n40	5510	14.84	24	Pass
	5550	14.99	24	Pass
	5670	14.29	24	Pass
	5710	13.61	24	Pass
802.11ac80	5530	14.72	24	Pass
	5610	14.41	24	Pass
	5690	13.66	24	Pass

5725-5850MHz

Mode	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	5745	12.05	30	Pass
	5785	11.94	30	Pass
	5825	11.73	30	Pass
802.11n20	5745	11.86	30	Pass
	5785	11.77	30	Pass
	5825	11.51	30	Pass
802.11n40	5755	12.86	30	Pass
	5795	12.5	30	Pass
802.11ac80	5775	12.56	30	Pass

5.6 Power Spectral Density

Test Information:

Serial No.:	38S5-2	Test Date:	2025/10/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	27.2	Relative Humidity: (%)	45	ATM Pressure: (kPa)	101.1
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM503	2025/06/06	2026/06/05
R&S	Spectrum Analyzer	FSV40	101589	2025/07/28	2026/07/27

* 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:

5150-5250MHz

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	5180	-0.52	0	-0.52	11	Pass
	5200	-0.52	0	-0.52	11	Pass
	5240	0.20	0	0.20	11	Pass
802.11n20	5180	-1.10	0	-1.10	11	Pass
	5200	-0.87	0	-0.87	11	Pass
	5240	-0.09	0	-0.09	11	Pass
802.11n40	5190	-3.13	0.17	-2.96	11	Pass
	5230	-2.74	0.17	-2.57	11	Pass
802.11ac80	5210	-6.48	0.33	-6.15	11	Pass

Note: The device is a Client device.

5250-5350MHz

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	5260	1.33	0	1.33	11	Pass
	5280	1.56	0	1.56	11	Pass
	5320	1.24	0	1.24	11	Pass
802.11n20	5260	0.91	0	0.91	11	Pass
	5280	1.10	0	1.10	11	Pass
	5320	0.95	0	0.95	11	Pass
802.11n40	5270	-1.04	0.17	-0.87	11	Pass
	5310	-0.91	0.17	-0.74	11	Pass
802.11ac80	5290	-4.24	0.33	-3.91	11	Pass

5470-5725MHz

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	5500	3.84	0	3.84	11	Pass
	5580	3.87	0	3.87	11	Pass
	5700	2.85	0	2.85	11	Pass
	5720	2.93	0	2.93	11	Pass
802.11n20	5500	3.34	0	3.34	11	Pass
	5580	3.62	0	3.62	11	Pass
	5700	2.41	0	2.41	11	Pass
	5720	2.36	0	2.36	11	Pass
802.11n40	5510	1.36	0.17	1.53	11	Pass
	5550	1.32	0.17	1.49	11	Pass
	5670	0.65	0.17	0.82	11	Pass
	5710	0.35	0.17	0.52	11	Pass
802.11ac80	5530	-1.85	0.33	-1.52	11	Pass
	5610	-2.47	0.33	-2.14	11	Pass
	5690	-3.12	0.33	-2.79	11	Pass

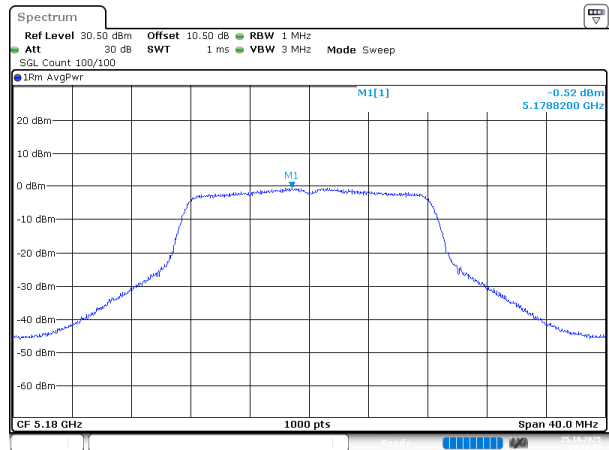
5725-5850MHz

Mode	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor (dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
802.11a	5745	-1.13	0	-1.13	30	Pass
	5785	-1.26	0	-1.26	30	Pass
	5825	-1.47	0	-1.47	30	Pass
802.11n20	5745	-1.35	0	-1.35	30	Pass
	5785	-1.50	0	-1.50	30	Pass
	5825	-1.75	0	-1.75	30	Pass
802.11n40	5755	-3.60	0.17	-3.43	30	Pass
	5795	-4.15	0.17	-3.98	30	Pass
802.11ac80	5775	-7.06	0.33	-6.73	30	Pass

Result = Reading + Duty Cycle Factor

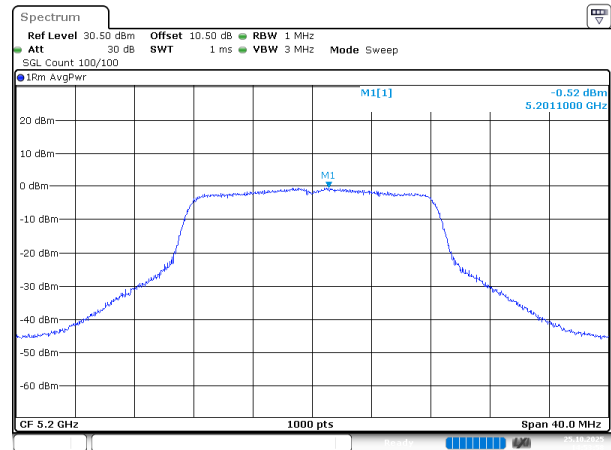
5150-5250MHz

802.11a_5180MHz



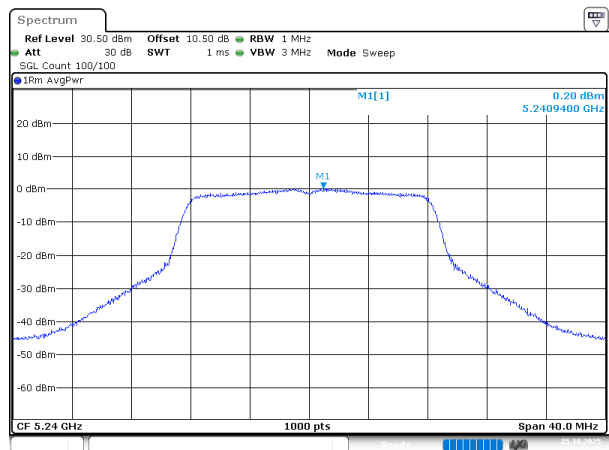
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802.11a_5200MHz



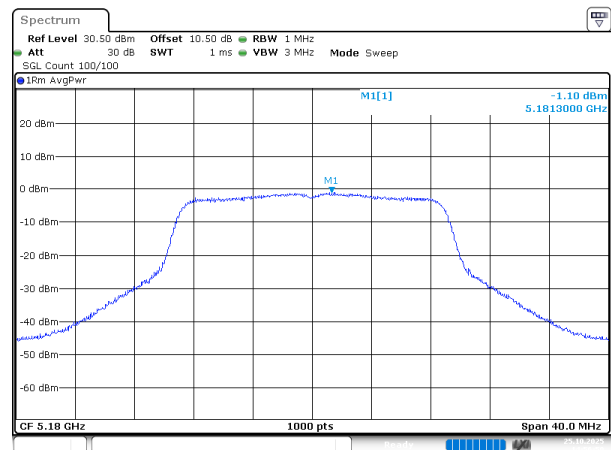
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802.11a_5240MHz



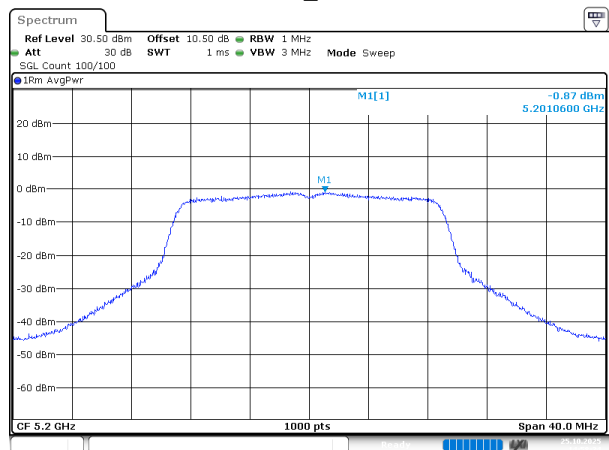
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802.11n20_5180MHz



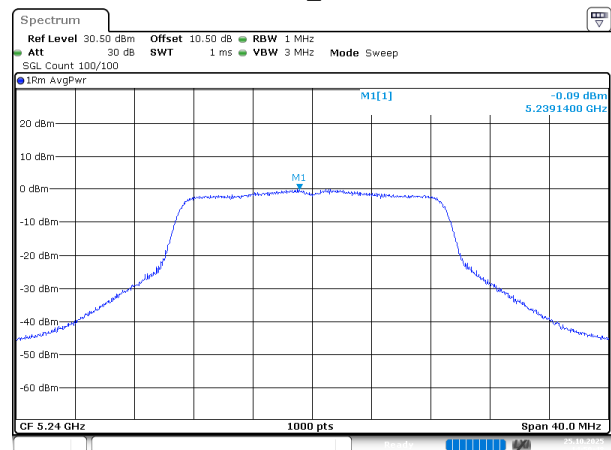
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802.11n20_5200MHz



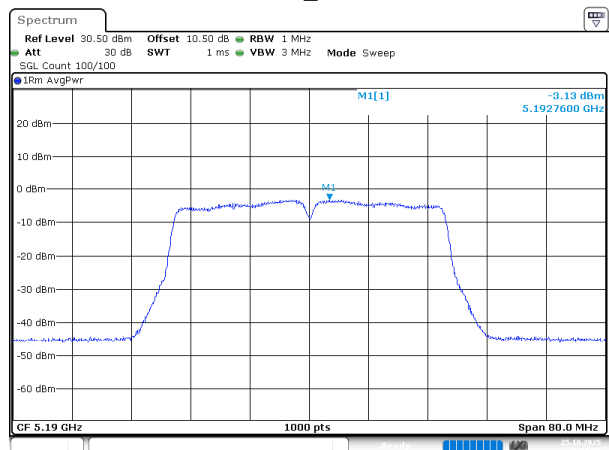
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802.11n20_5240MHz



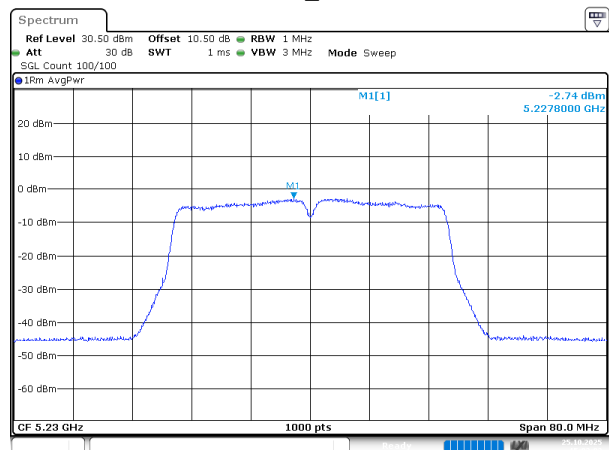
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802.11n40_5190MHz



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Date: 25.OCT.2025 15:01:00

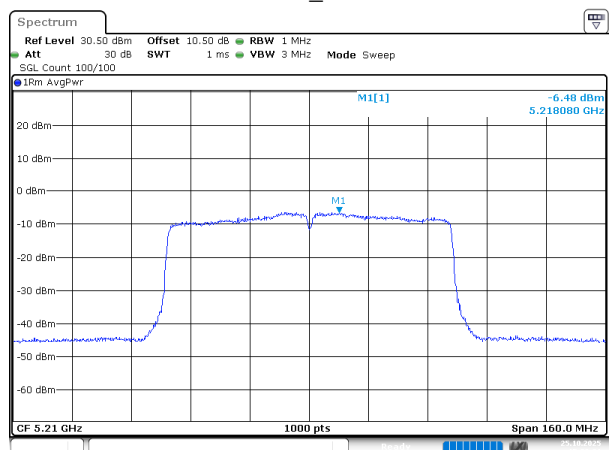
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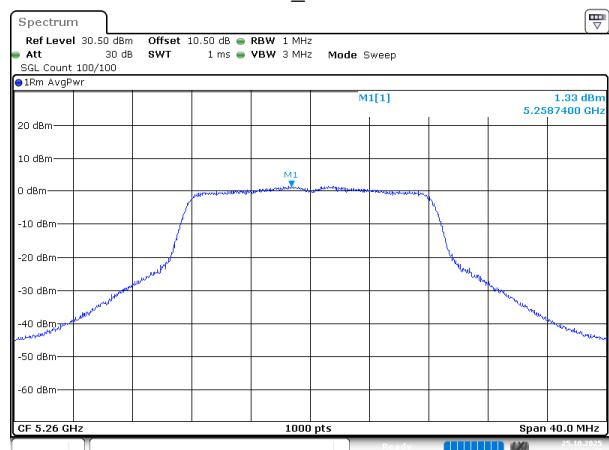
5250-5350MHz

802.11ac80_5210MHz



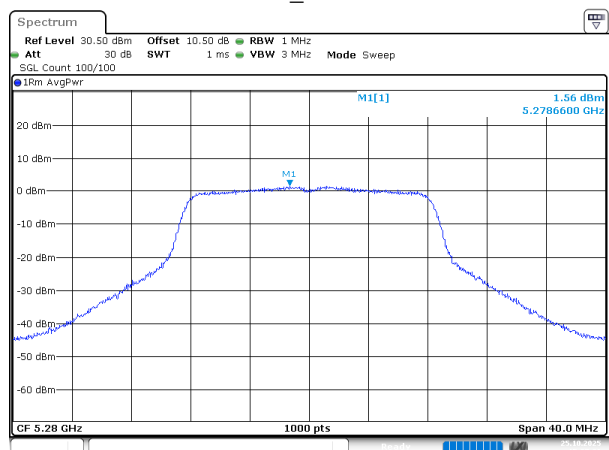
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Date: 25.OCT.2025 15:03:21

802.11a_5260MHz



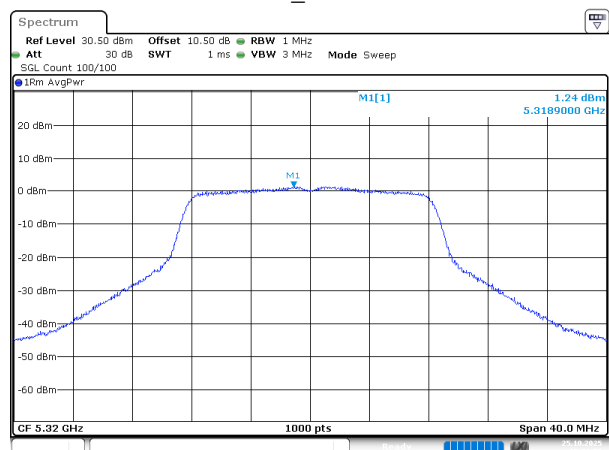
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802.11a_5280MHz



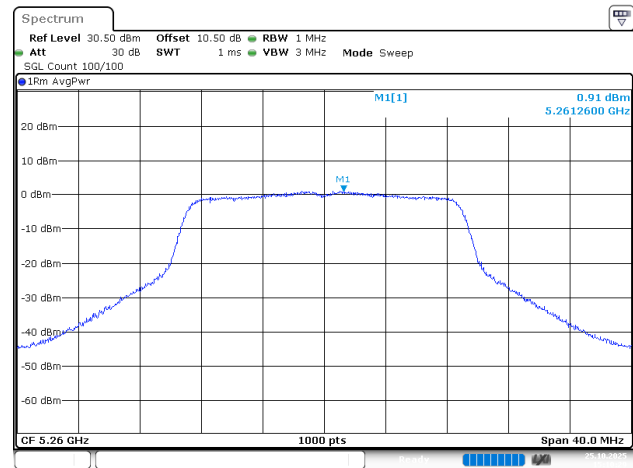
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802.11a_5320MHz



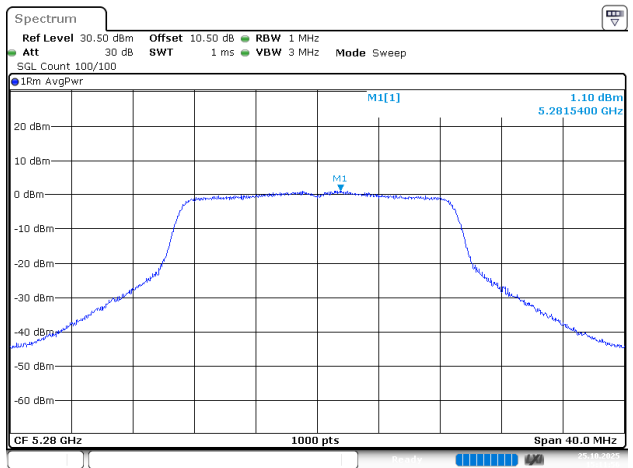
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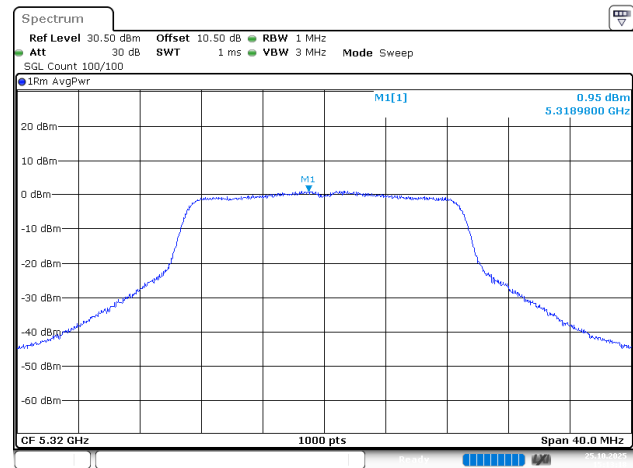
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802.11n20_5280MHz



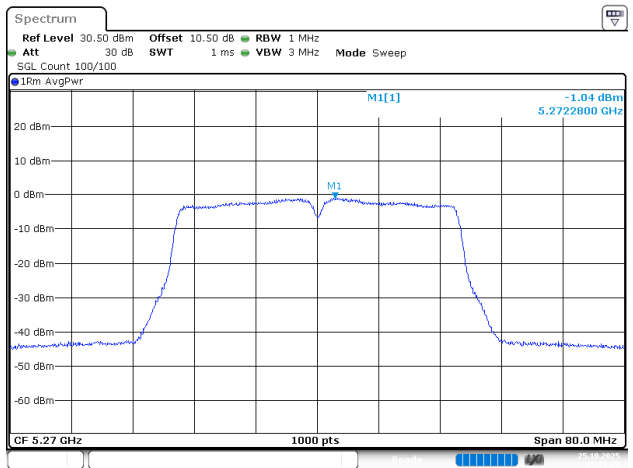
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802.11n20_5320MHz



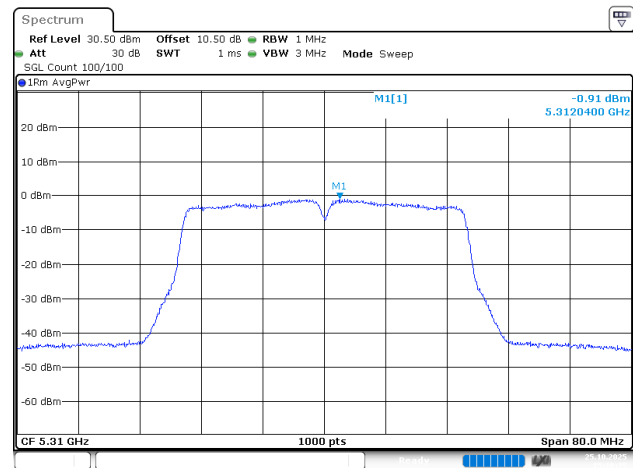
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Date: 25.OCT.2025 15:13:19

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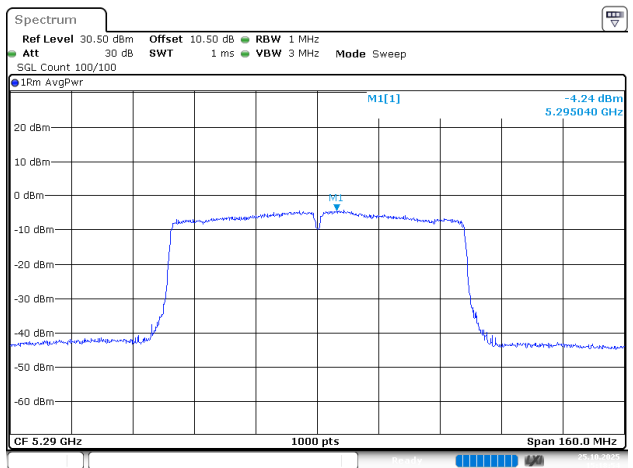
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Date: 25.OCT.2025 15:15:30

802.11n40_5310MHz



ProjectNo.:2502W27143E-RF Tester:Conor Fu
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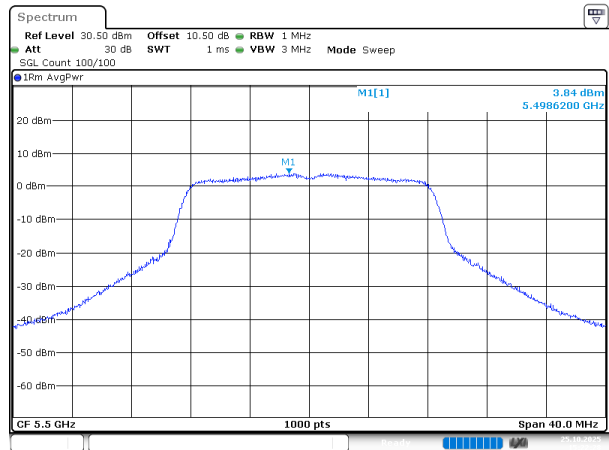
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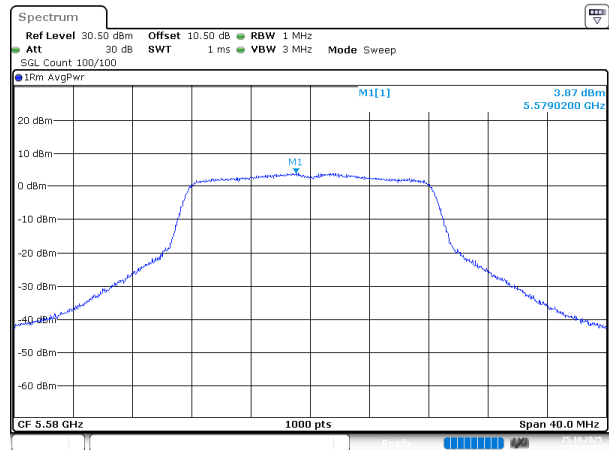
5470-5725MHz

802.11a_5500MHz



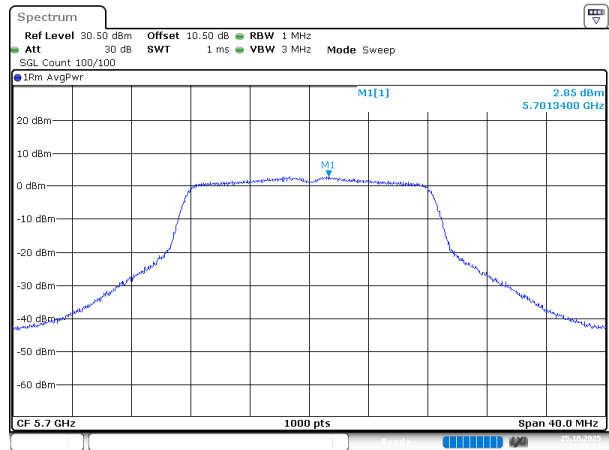
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802.11a_5580MHz



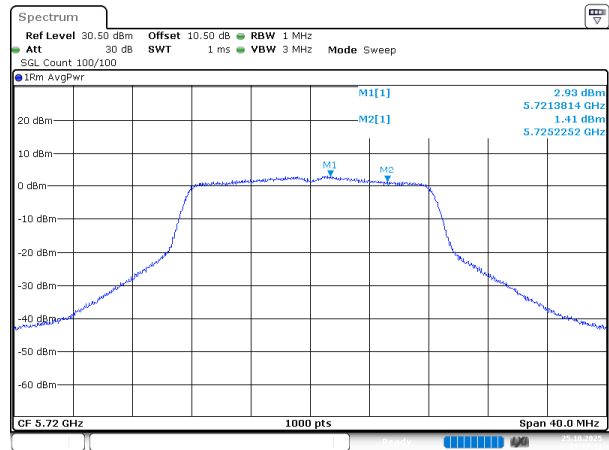
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802.11a_5700MHz



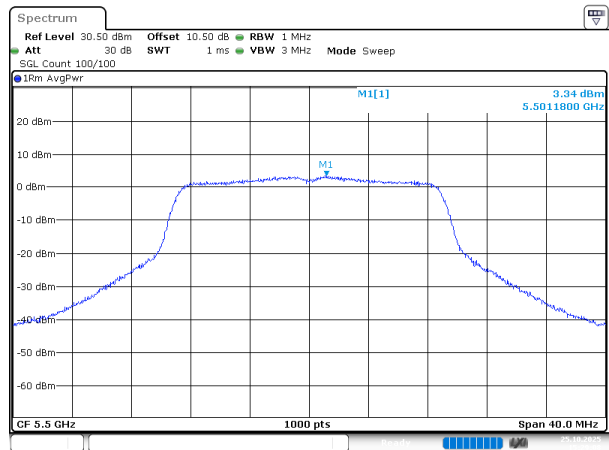
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Date: 25.OCT.2025 15:25:29

802.11a_5720MHz



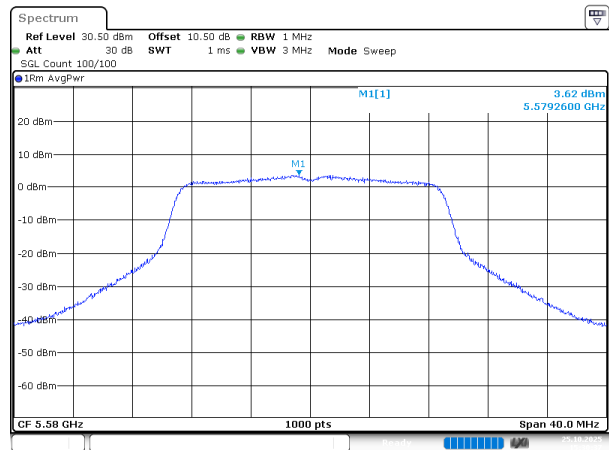
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Date: 25.OCT.2025 15:27:11

802.11n20_5500MHz



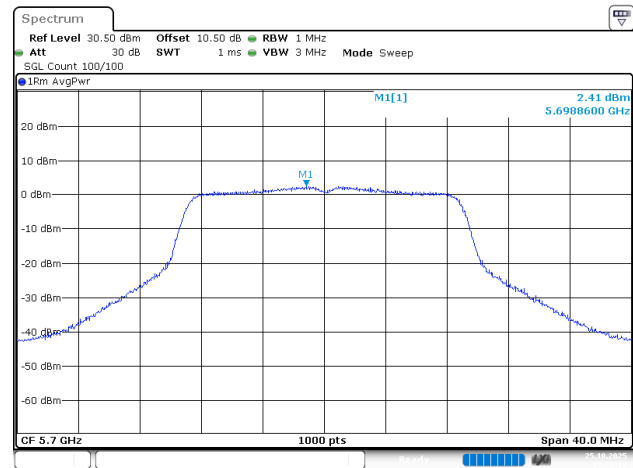
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802.11n20_5580MHz



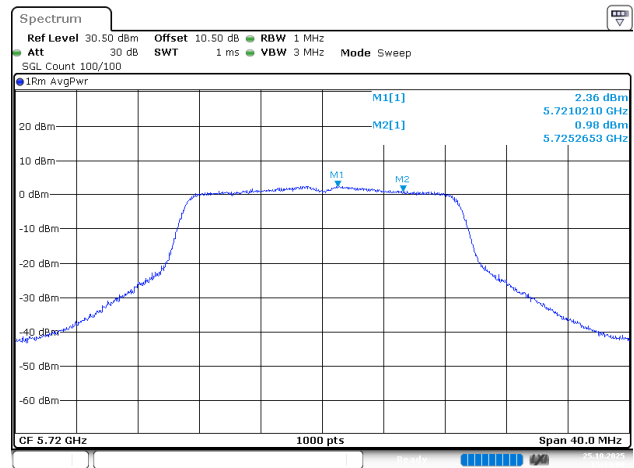
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802.11n20_5700MHz



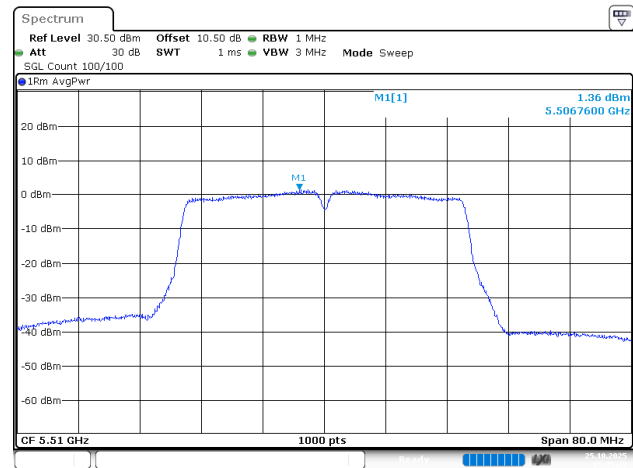
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802.11n20_5720MHz



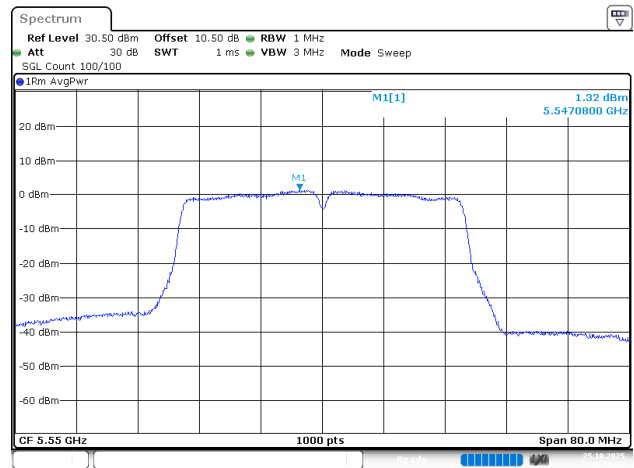
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Date: 25.OCT.2025 15:34:00

802.11n40_5510MHz



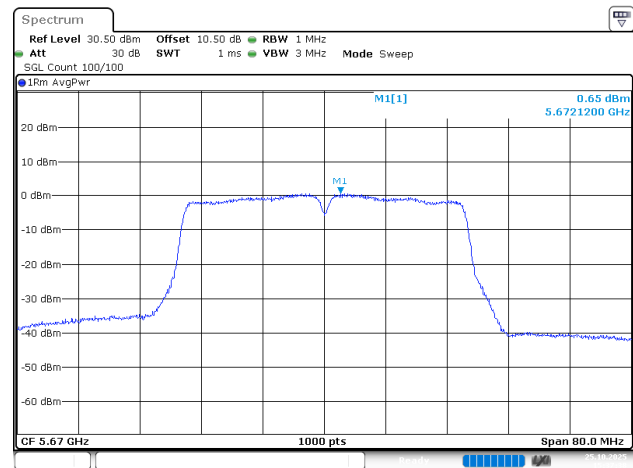
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802.11n40_5550MHz



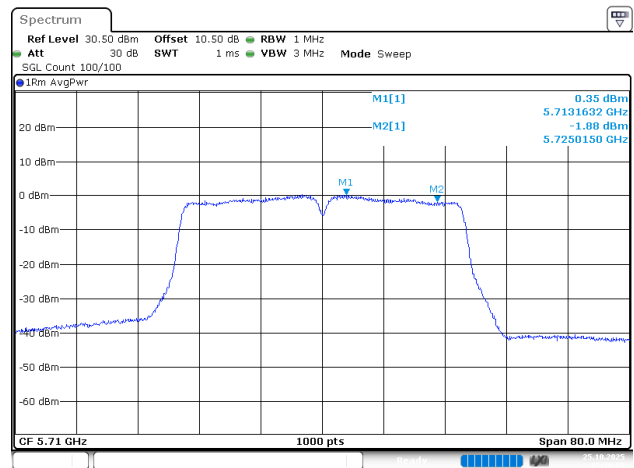
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Date: 25.OCT.2025 15:36:37

802.11n40_5670MHz



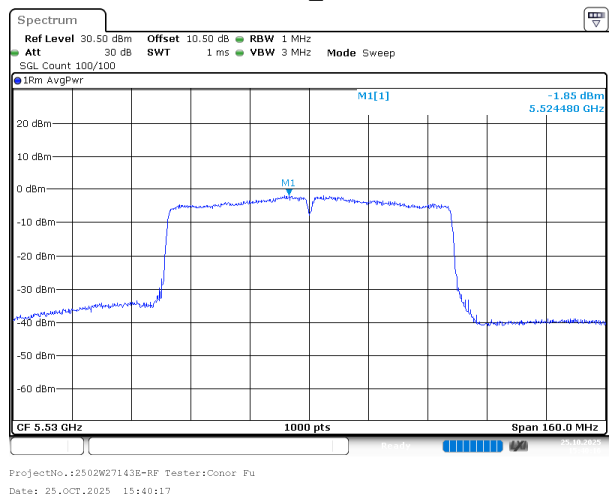
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802.11n40_5710MHz

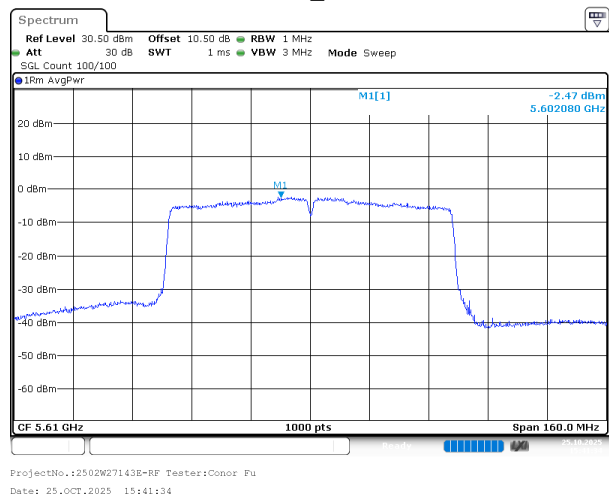


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Date: 25.OCT.2025 15:38:56

802.11ac80_5530MHz

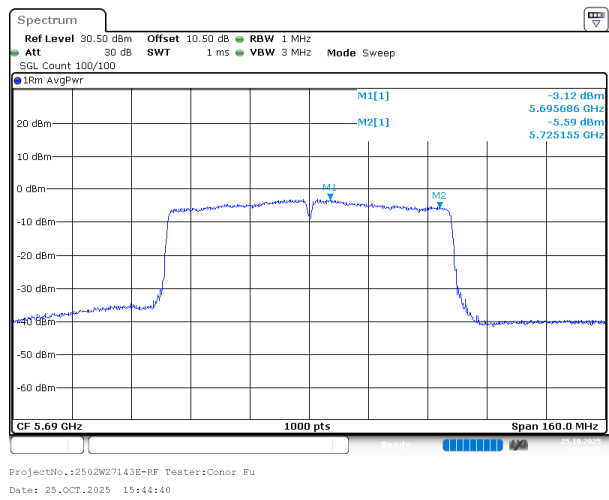


802.11ac80_5610MHz

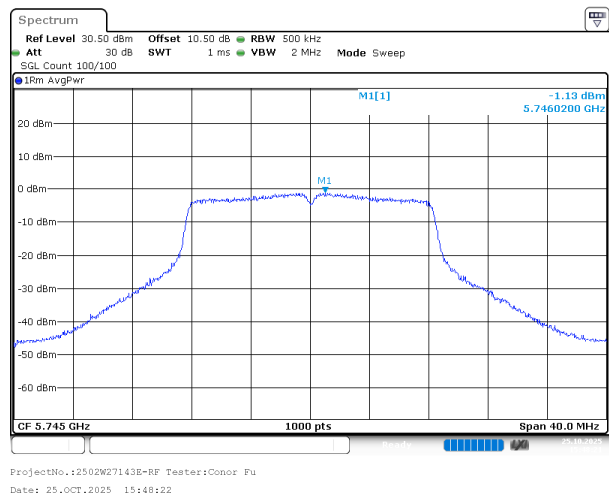


5725-5850MHz

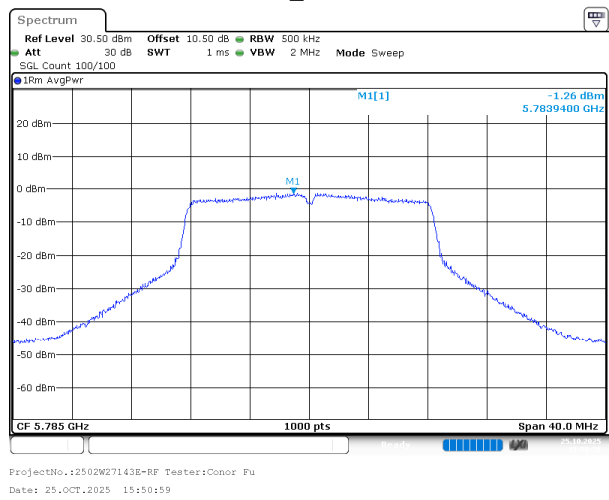
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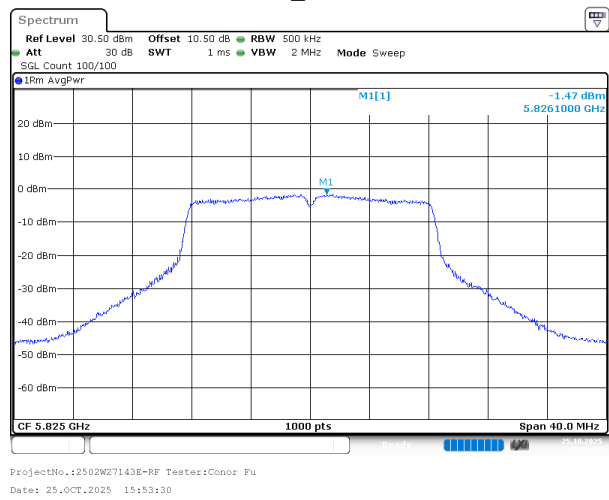
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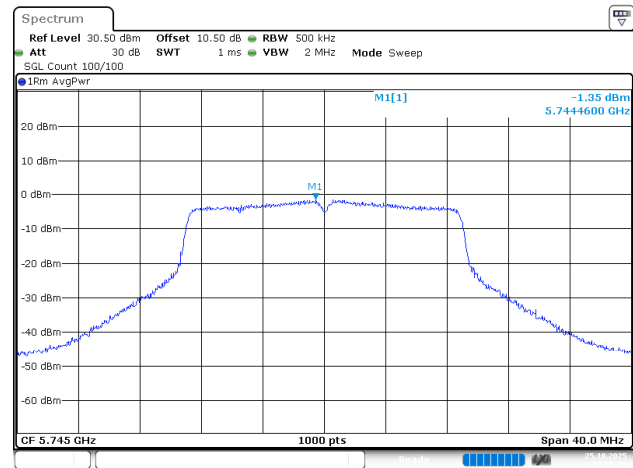
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802.11a_5825MHz

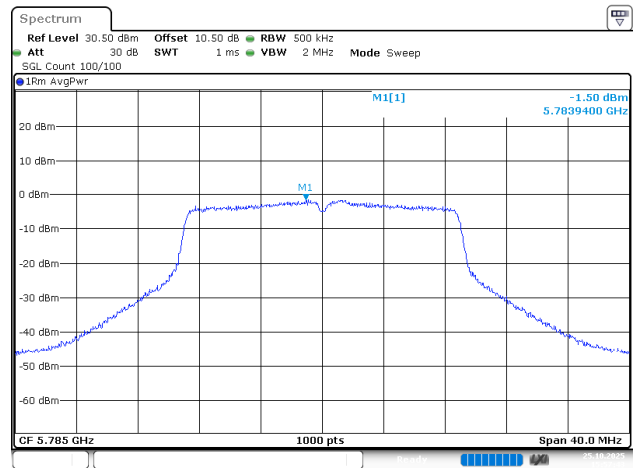


802.11n20_5745MHz



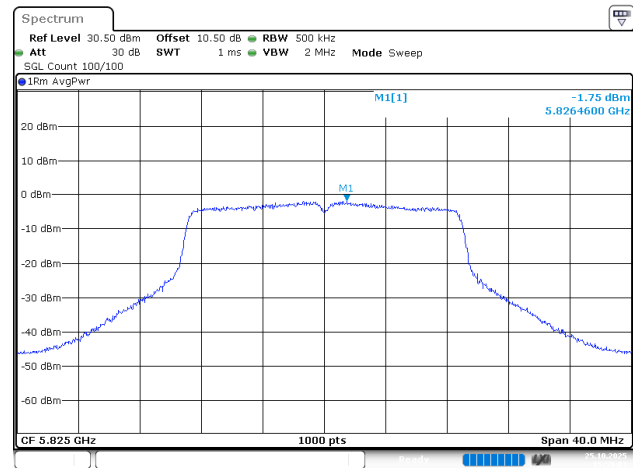
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802.11n20_5785MHz



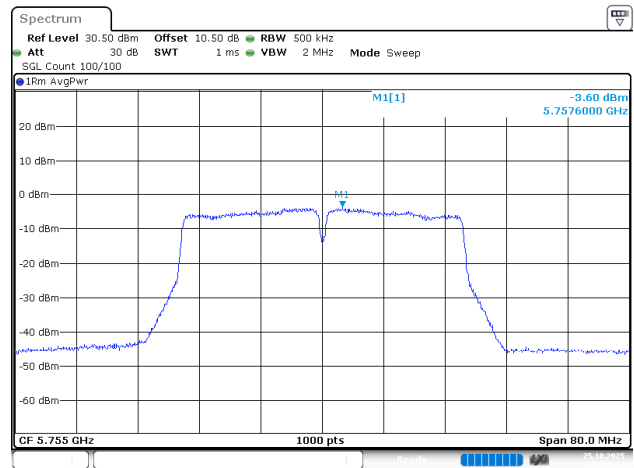
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Date: 25.OCT.2025 15:57:44

802.11n20_5825MHz



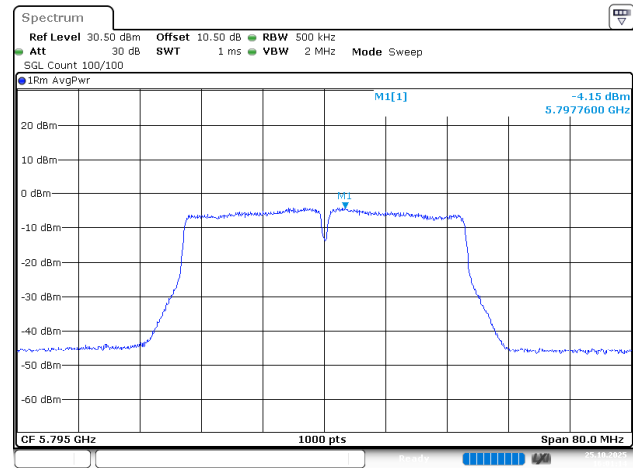
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Date: 25.OCT.2025 15:59:03

802.11n40_5755MHz



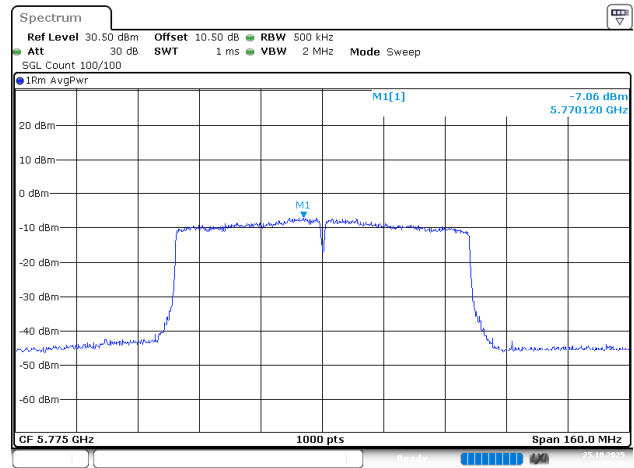
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Date: 25.OCT.2025 16:00:14

802.11n40_5795MHz



ProjectNo.:2502W27143E-RF Tester:Conor Fu
Date: 25.OCT.2025 16:01:15

802.11ac80_5775MHz



ProjectNo.:2502W27143E-RF Tester:Conor Fu
Date: 25.OCT.2025 16:02:47

5.7 Duty Cycle

Test Information:

Serial No.:	38S5-2	Test Date:	2025/10/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	27.2	Relative Humidity: (%)	45	ATM Pressure: (kPa)	101.1
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM503	2025/06/06	2026/06/05
R&S	Spectrum Analyzer	FSV40	101589	2025/07/28	2026/07/27

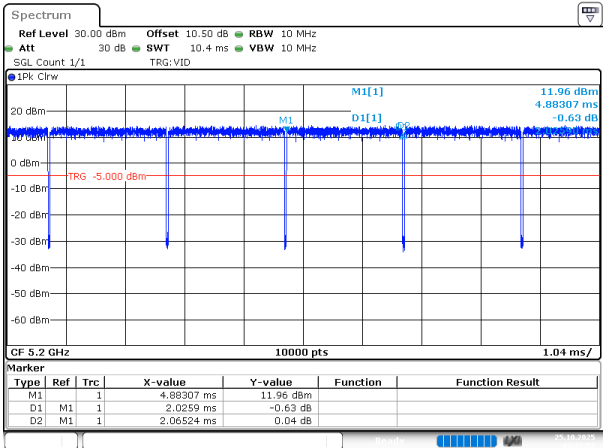
* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

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	2.026	2.065	98.11	/	/	0.010
802.11n20	5200	1.885	1.923	98.02	/	/	0.010
802.11n40	5190	0.928	0.965	96.17	0.17	1078	2
802.11ac80	5210	0.456	0.492	92.68	0.33	2193	3

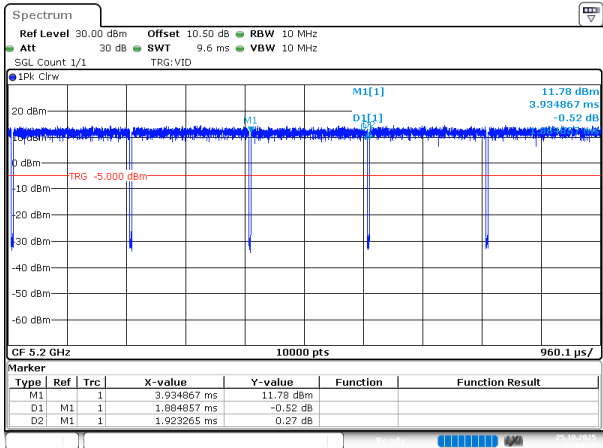
Duty Cycle = Ton/(Ton+Toff)*100%

802.11a_5200MHz



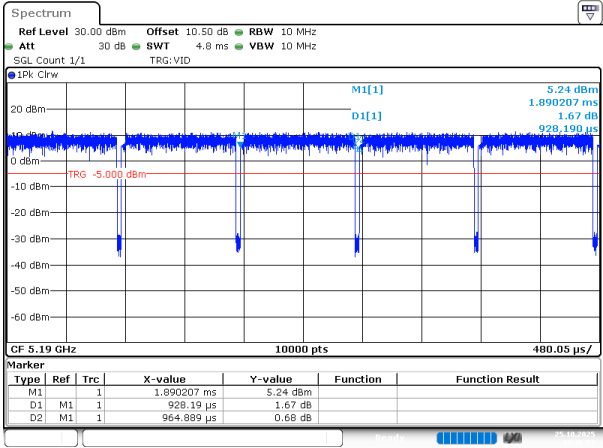
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Date: 25.OCT.2025 14:33:53

802.11n20_5200MHz



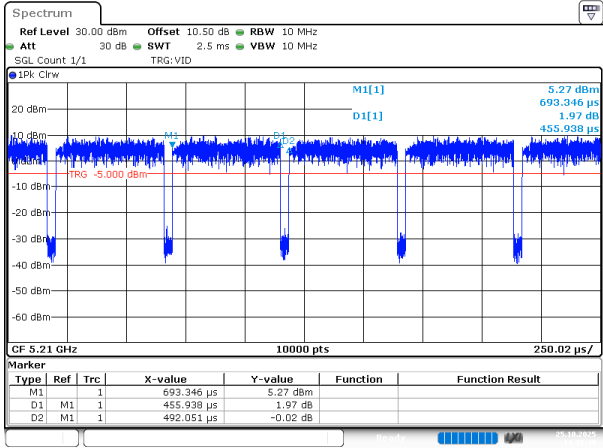
ProjectNo.:2502W27143E-RF Tester:Conor Fu
Date: 25.OCT.2025 14:34:29

802.11n40_5190MHz



ProjectNo.:2502W27143E-RF Tester:Conor Fu
Date: 25.OCT.2025 14:36:57

802.11ac80_5210MHz



ProjectNo.:2502W27143E-RF Tester:Conor Fu
Date: 25.OCT.2025 14:38:39

EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2502W27143E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2502W27143E-RF-INP EUT INTERNAL PHOTOGRAPHS.

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2502W27143E-RF-00D-TSP TEST SETUP PHOTOGRAPHS.

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