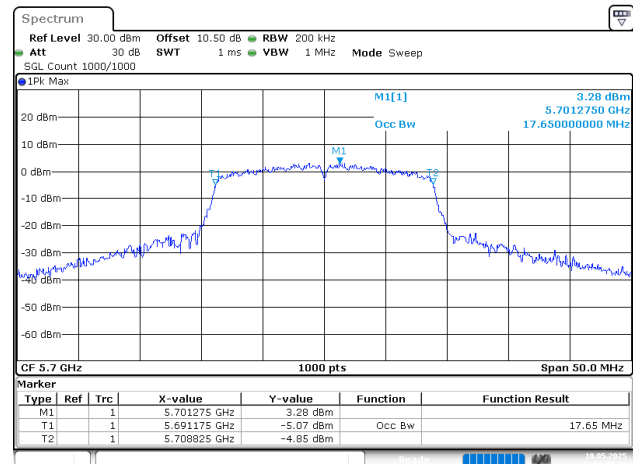
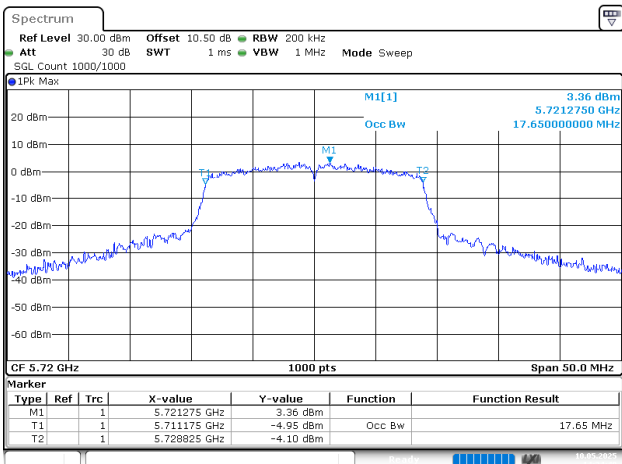


802.11n20_5700MHz



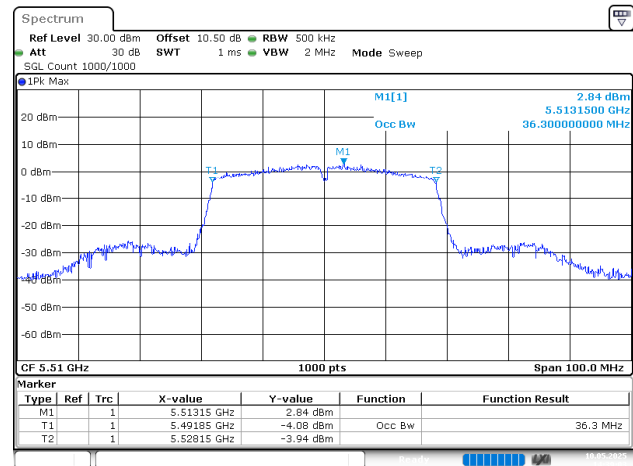
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Date: 10.MAY.2025 14:33:17

802.11n20_5720MHz



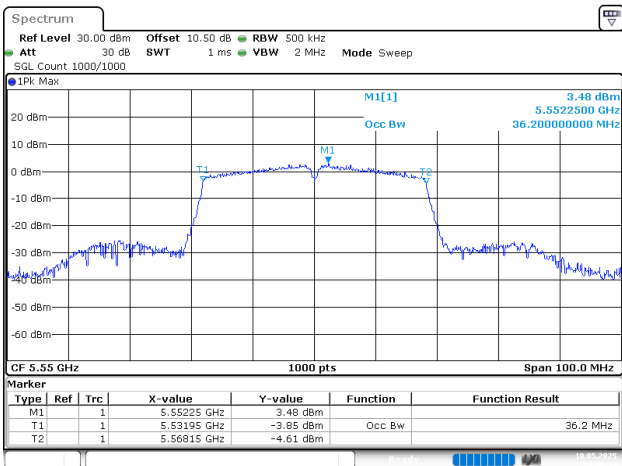
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802.11n40_5510MHz



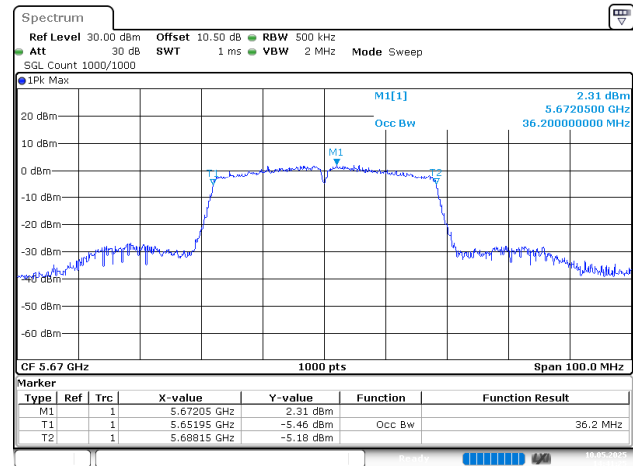
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802.11n40_5550MHz



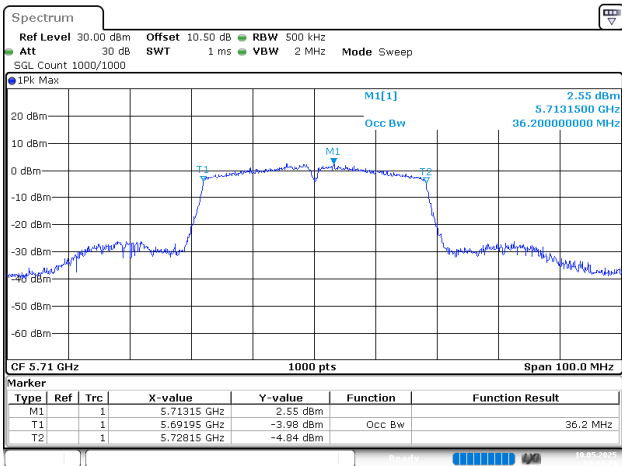
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802.11n40_5670MHz



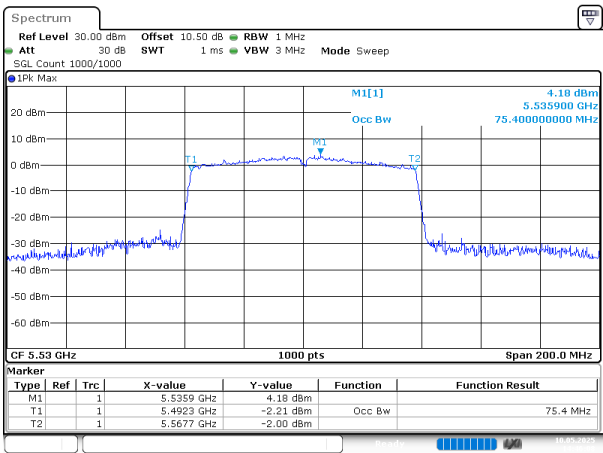
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802.11n40_5710MHz



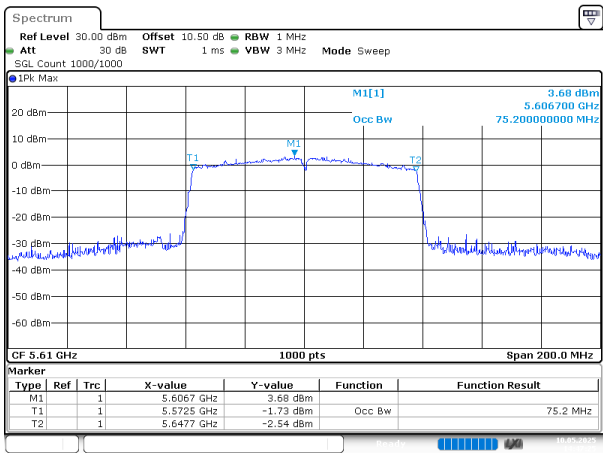
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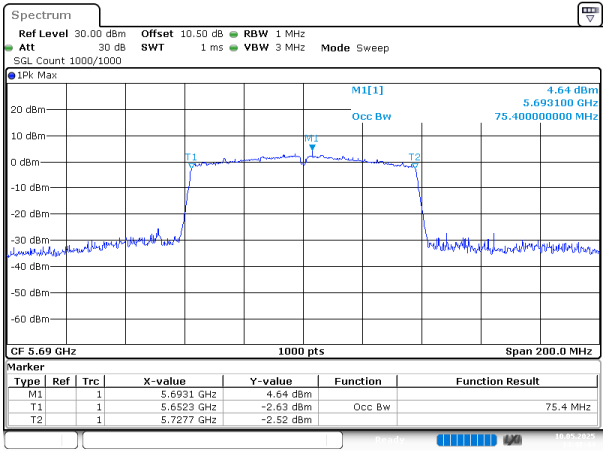
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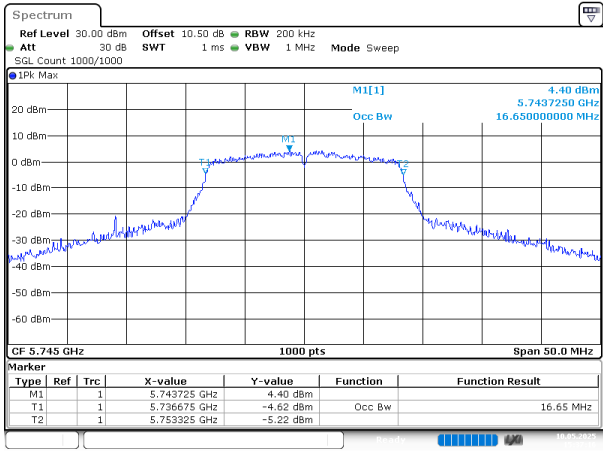
5725-5850MHz

802.11ac80_5690MHz



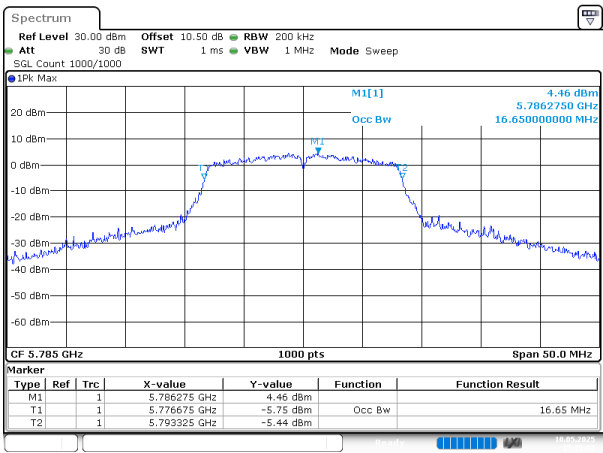
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802.11a_5745MHz



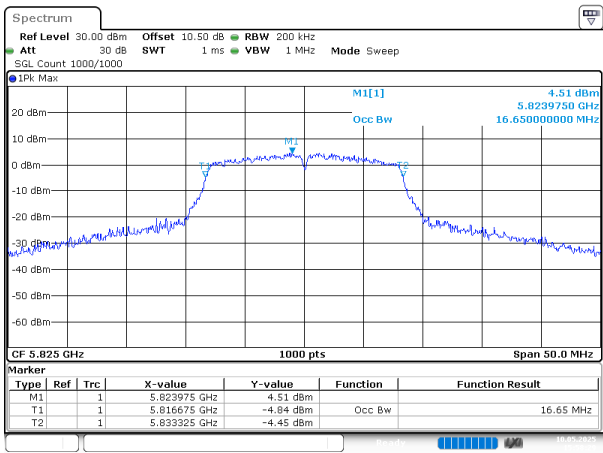
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802.11a_5785MHz



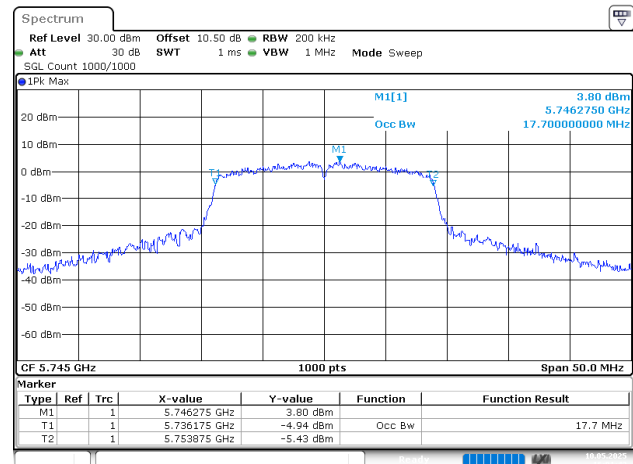
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802.11a_5825MHz



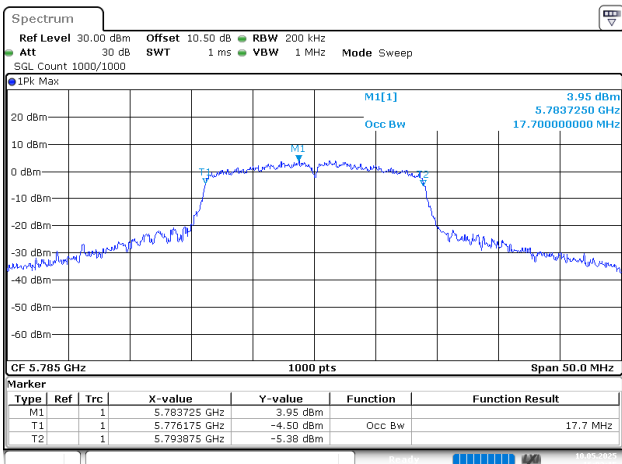
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802.11n20_5745MHz



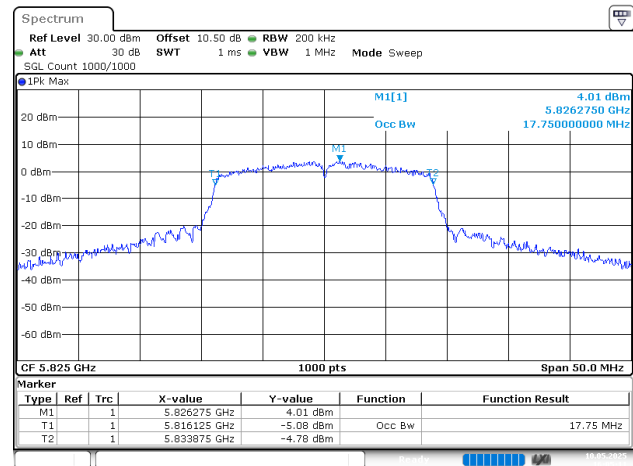
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802.11n20_5785MHz



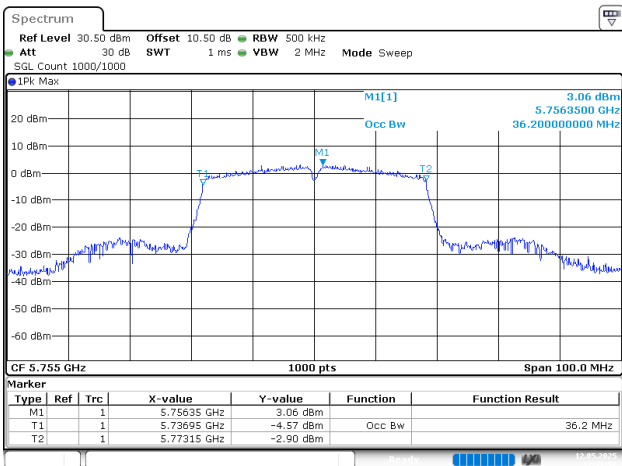
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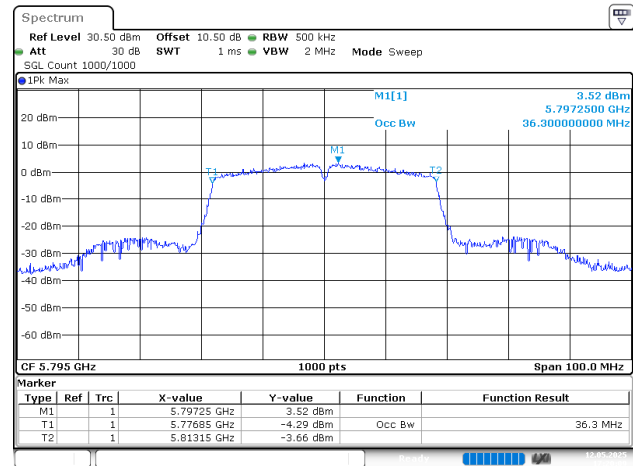
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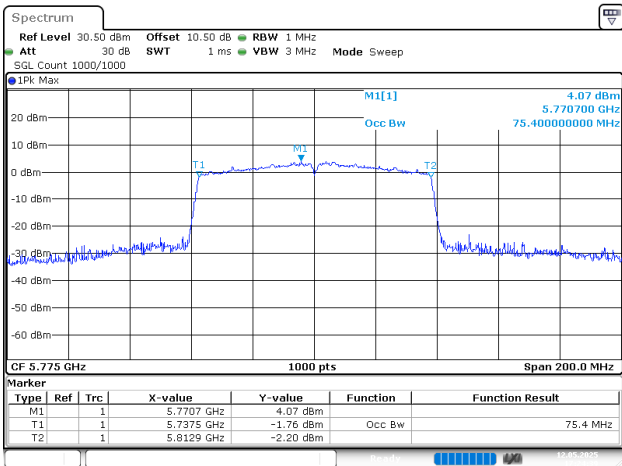
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802.11n40_5795MHz



ProjectNo.:2502S55753E-RF Tester:Bill Yang
Date: 12.MAY.2025 17:20:10

802.11ac80_5775MHz



ProjectNo.:2502S55753E-RF Tester:Bill Yang
Date: 12.MAY.2025 17:24:40

5.5 Maximum Conducted Output Power

Test Information:

Serial No.:	31ZT-1	Test Date:	2025/05/10~2025/05/12
Test Site:	RF	Test Mode:	Transmitting
Tester:	Bill Yang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.1-26.4	Relative Humidity: (%)	51-57	ATM Pressure: (kPa)	100.6-101
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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-EM502	2024/06/07	2025/06/06
R&S	Coaxial Attenuator	10dB	F-08-EM512	2024/06/13	2025/06/12
Anritsu	Microwave Peak Power Sensor	MA24418A	12618	2024/08/27	2025/08/26

* 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	14.5	24	Pass
	5200	14.52	24	Pass
	5240	14.51	24	Pass
802.11n20	5180	13.32	24	Pass
	5200	13.28	24	Pass
	5240	13.5	24	Pass
802.11n40	5190	11.13	24	Pass
	5230	11.11	24	Pass
802.11ac80	5210	11.37	24	Pass

5250-5350MHz

Mode	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	5260	14.59	24	Pass
	5280	14.54	24	Pass
	5320	14.54	24	Pass
802.11n20	5260	13.83	24	Pass
	5280	14.03	24	Pass
	5320	14.0	24	Pass
802.11n40	5270	11.19	24	Pass
	5310	11.37	24	Pass
802.11ac80	5290	11.32	24	Pass

5470-5725MHz

Mode	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	5500	14.72	24	Pass
	5580	14.52	24	Pass
	5700	13.54	24	Pass
	5720	12.88	24	Pass
802.11n20	5500	13.6	24	Pass
	5580	13.27	24	Pass
	5700	12.95	24	Pass

Mode	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11n20	5720	12.31	24	Pass
802.11n40	5510	11.31	24	Pass
	5550	11.51	24	Pass
	5670	10.78	24	Pass
	5710	10.68	24	Pass
802.11ac80	5530	11.51	24	Pass
	5610	11.22	24	Pass
	5690	10.93	24	Pass

5725-5850MHz

Mode	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	5745	14.14	30	Pass
	5785	14.23	30	Pass
	5825	14.37	30	Pass
802.11n20	5745	13.67	30	Pass
	5785	13.72	30	Pass
	5825	13.77	30	Pass
802.11n40	5755	11.89	30	Pass
	5795	11.96	30	Pass
802.11ac80	5775	11.84	30	Pass

5.6 Power Spectral Density

Test Information:

Serial No.:	31ZT-1	Test Date:	2025/05/10~2025/05/12
Test Site:	RF	Test Mode:	Transmitting
Tester:	Bill Yang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.1-26.4	Relative Humidity: (%)	51-57	ATM Pressure: (kPa)	100.6-101
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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-EM502	2024/06/07	2025/06/06
R&S	Coaxial Attenuator	10dB	F-08-EM512	2024/06/13	2025/06/12
R&S	Spectrum Analyzer	FSV40	101589	2024/09/05	2025/09/04
R&S	Spectrum Analyzer	FSV40	101947	2024/09/05	2025/09/04

* 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	4.33	0.14	4.47	11	Pass
	5200	4.36	0.14	4.50	11	Pass
	5240	4.30	0.14	4.44	11	Pass
802.11n20	5180	2.98	0.15	3.13	11	Pass
	5200	3.08	0.15	3.23	11	Pass
	5240	3.27	0.15	3.42	11	Pass
802.11n40	5190	-2.04	0.29	-1.75	11	Pass
	5230	-2.21	0.29	-1.92	11	Pass
802.11ac80	5210	-5.23	0.55	-4.68	11	Pass

5250-5350MHz

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	5260	4.49	0.14	4.63	11	Pass
	5280	4.36	0.14	4.50	11	Pass
	5320	4.52	0.14	4.66	11	Pass
802.11n20	5260	3.70	0.15	3.85	11	Pass
	5280	3.78	0.15	3.93	11	Pass
	5320	3.77	0.15	3.92	11	Pass
802.11n40	5270	-2.09	0.29	-1.80	11	Pass
	5310	-2.09	0.29	-1.80	11	Pass
802.11ac80	5290	-5.36	0.55	-4.81	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	4.72	0.14	4.86	11	Pass
	5580	4.23	0.14	4.37	11	Pass
	5700	3.49	0.14	3.63	11	Pass
	5720	3.35	0.14	3.49	11	Pass
802.11n20	5500	3.54	0.15	3.69	11	Pass
	5580	2.80	0.15	2.95	11	Pass

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11n20	5700	2.69	0.15	2.84	11	Pass
	5720	2.66	0.15	2.81	11	Pass
802.11n40	5510	-2.21	0.29	-1.92	11	Pass
	5550	-1.59	0.29	-1.30	11	Pass
	5670	-2.53	0.29	-2.24	11	Pass
	5710	-2.29	0.29	-2.00	11	Pass
802.11ac80	5530	-5.36	0.55	-4.81	11	Pass
	5610	-5.64	0.55	-5.09	11	Pass
	5690	-5.86	0.55	-5.31	11	Pass

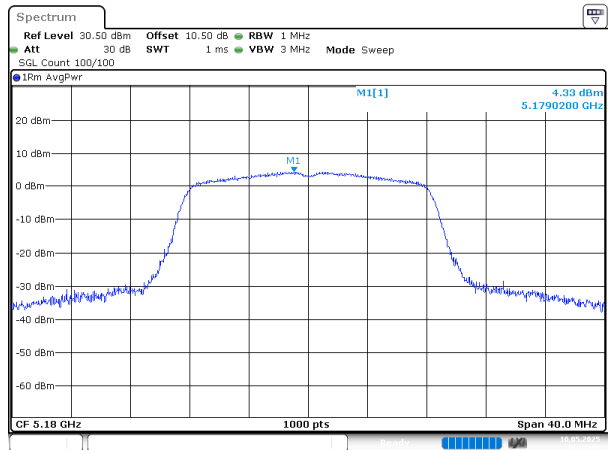
5725-5850MHz

Mode	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor(dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
802.11a	5745	1.24	0.14	1.38	30	Pass
	5785	1.22	0.14	1.36	30	Pass
	5825	1.48	0.14	1.62	30	Pass
802.11n20	5745	0.46	0.15	0.61	30	Pass
	5785	0.45	0.15	0.60	30	Pass
	5825	0.36	0.15	0.51	30	Pass
802.11n40	5755	-4.09	0.29	-3.80	30	Pass
	5795	-4.40	0.29	-4.11	30	Pass
802.11ac80	5775	-7.72	0.55	-7.17	30	Pass

Result = Reading + Duty Cycle Factor

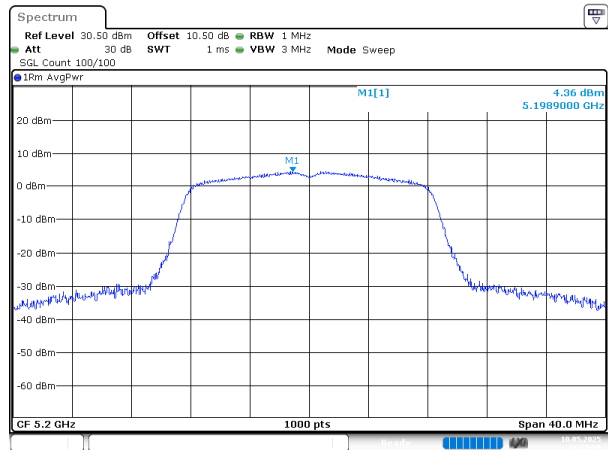
5150-5250MHz

802.11a_5180MHz



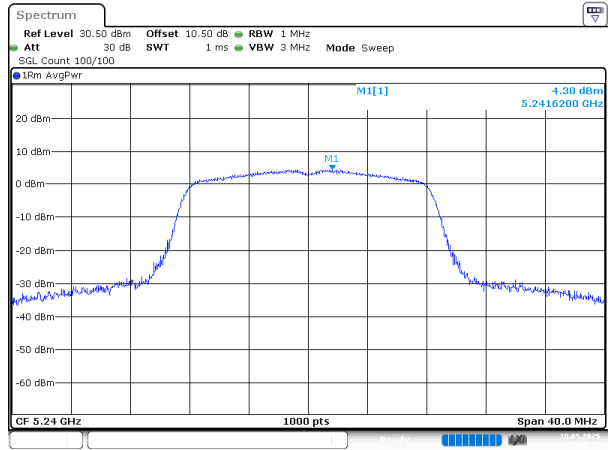
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802.11a_5200MHz



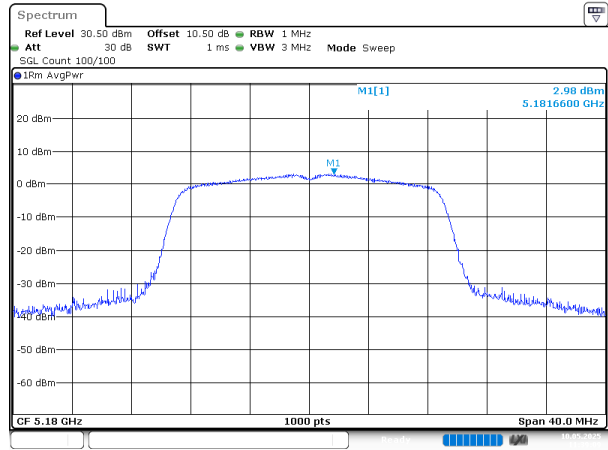
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802.11a_5240MHz



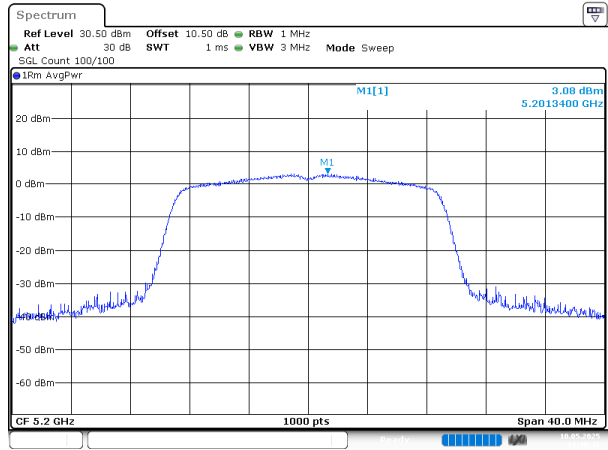
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802.11n20_5180MHz



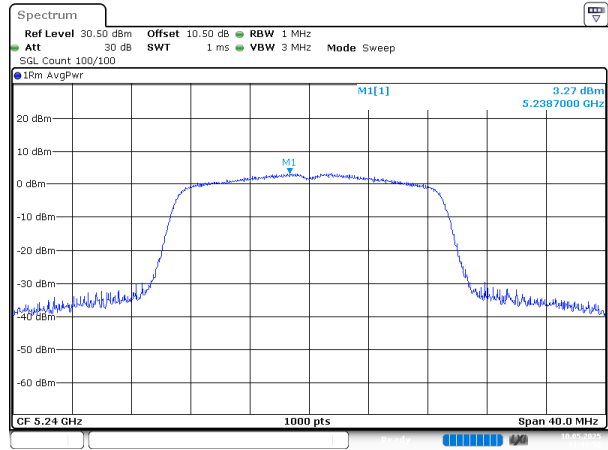
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Date: 10.MAY.2025 11:39:09

802.11n20_5200MHz



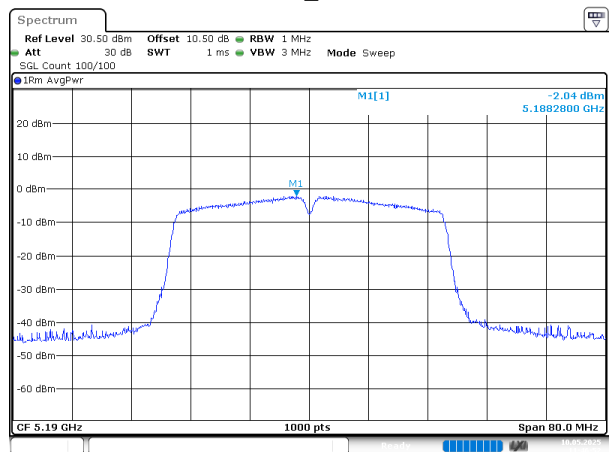
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802.11n20_5240MHz



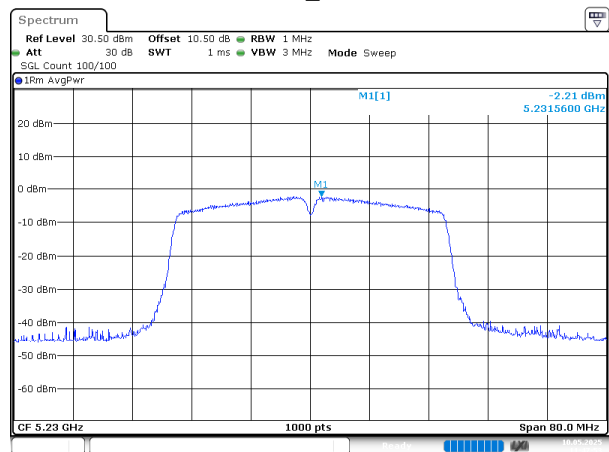
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802.11n40_5190MHz



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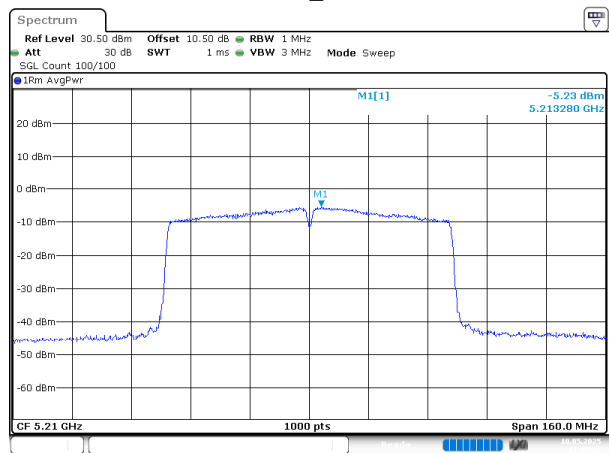
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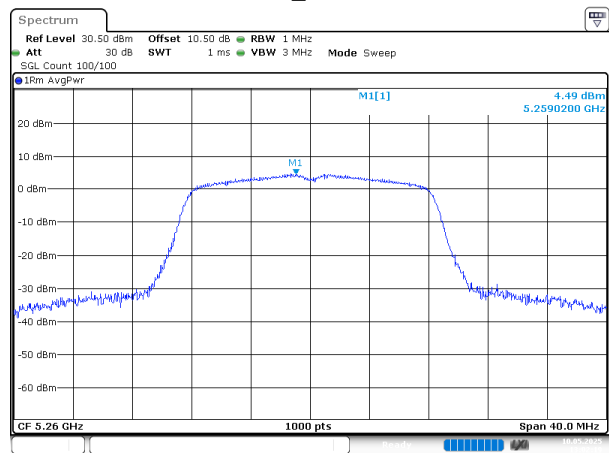
5250-5350MHz

802.11ac80_5210MHz



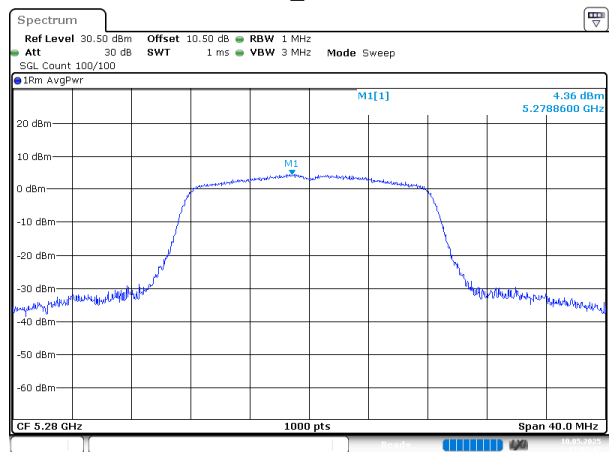
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802.11a_5260MHz



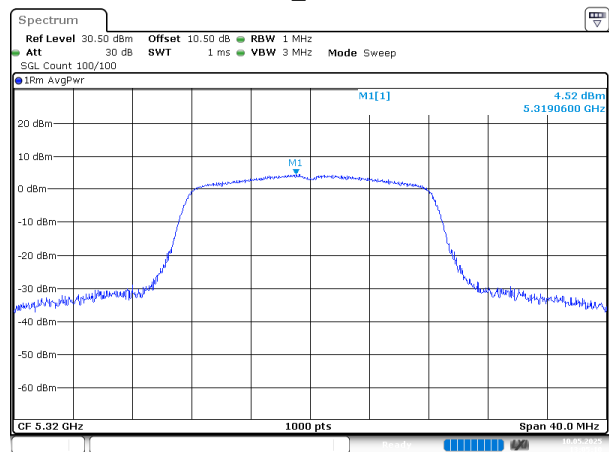
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802.11a_5280MHz



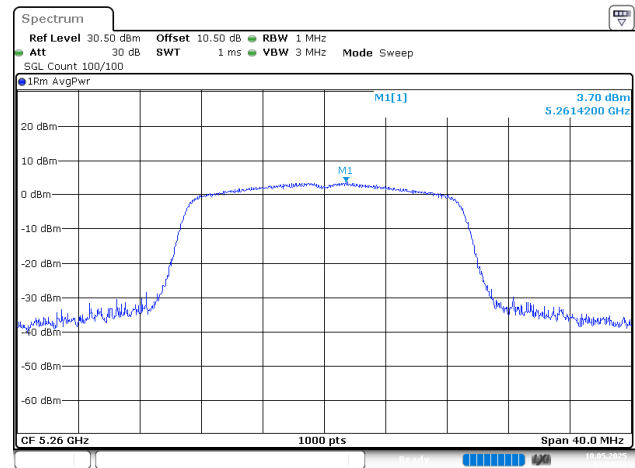
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802.11a_5320MHz



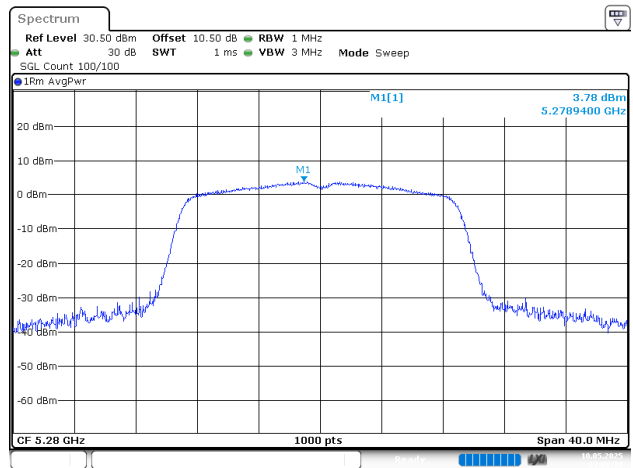
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802.11n20_5260MHz



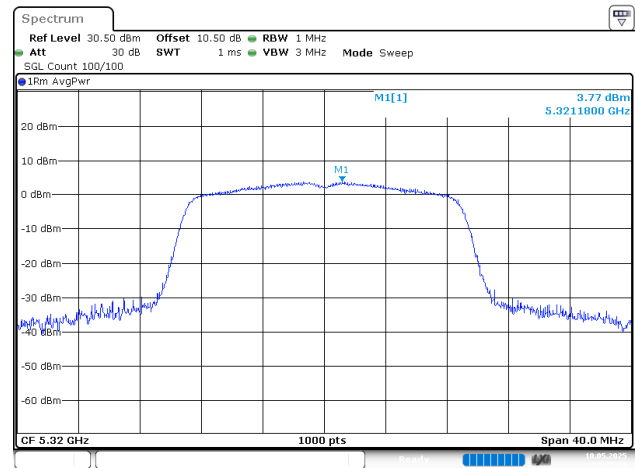
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802.11n20_5280MHz



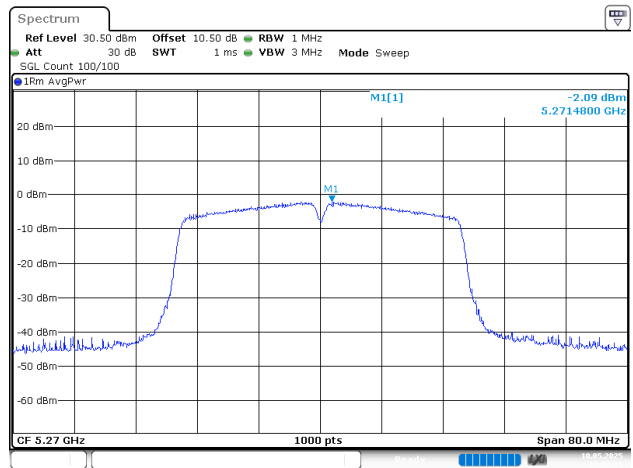
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802.11n20_5320MHz



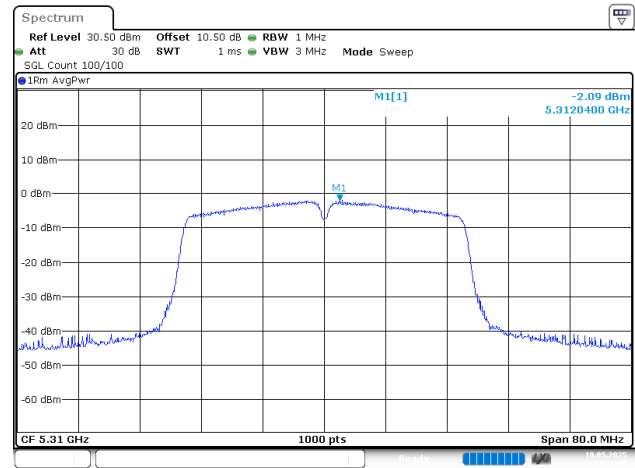
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Date: 10.MAY.2025 13:31:22

802.11n40_5270MHz



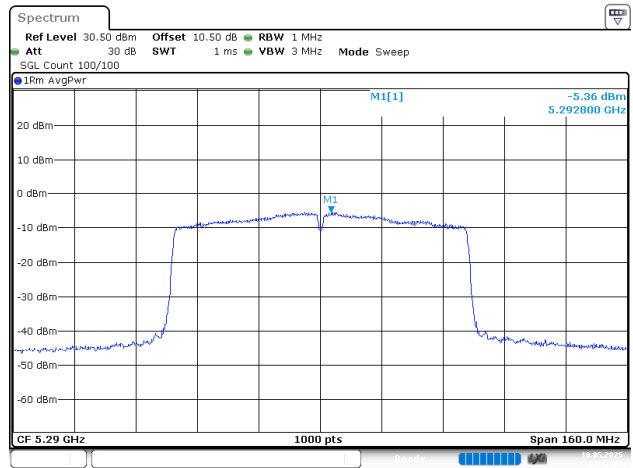
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802.11n40_5310MHz



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Date: 10.MAY.2025 13:40:17

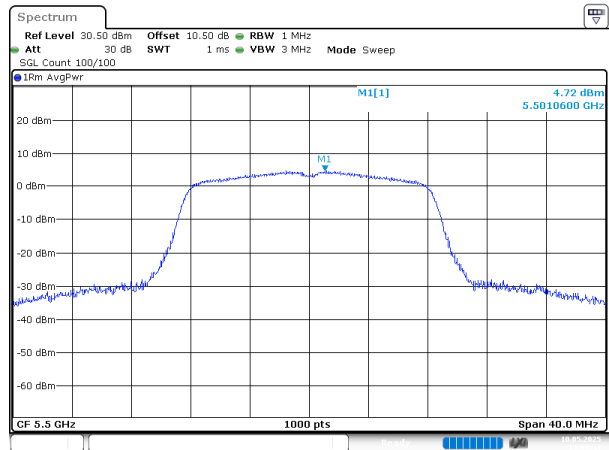
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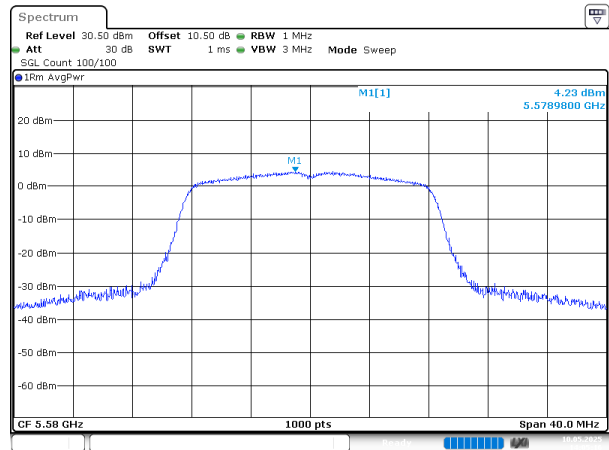
5470-5725MHz

802.11a_5500MHz



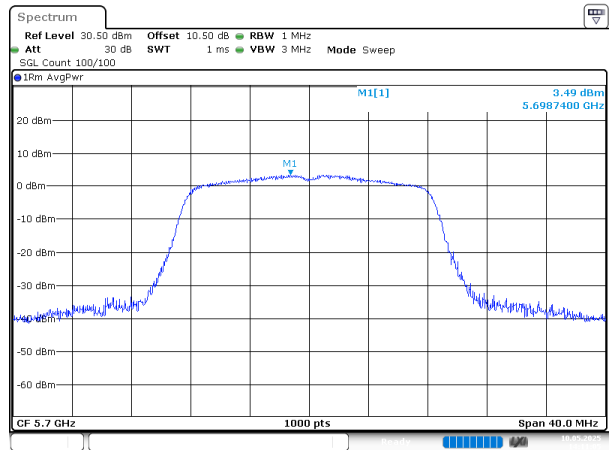
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802.11a_5580MHz



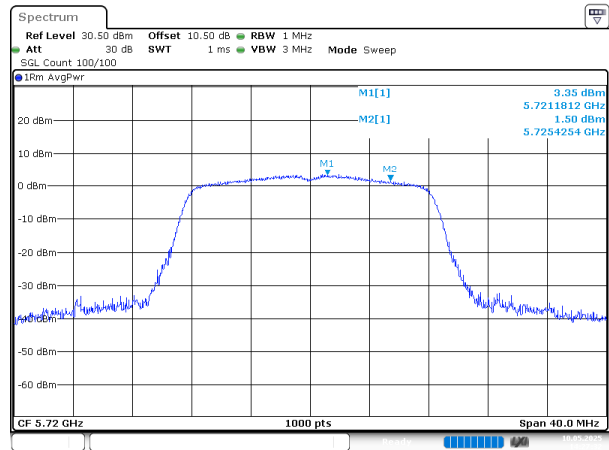
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802.11a_5700MHz



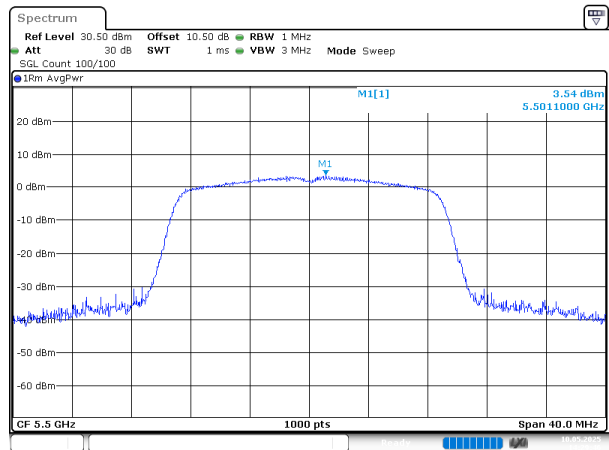
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802.11a_5720MHz



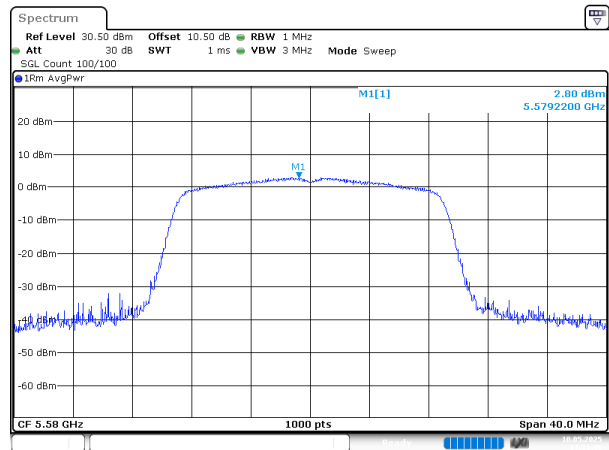
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802.11n20_5500MHz



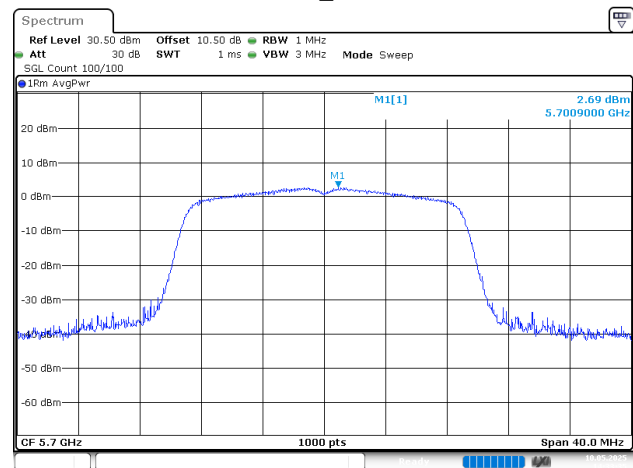
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Date: 10.MAY.2025 14:29:47

802.11n20_5580MHz



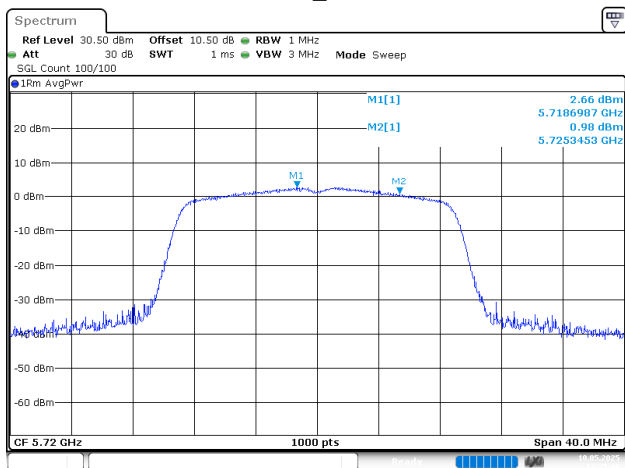
ProjectNo.:2502S55753E-RF Tester:Bill Yang
Date: 10.MAY.2025 14:31:37

802.11n20_5700MHz



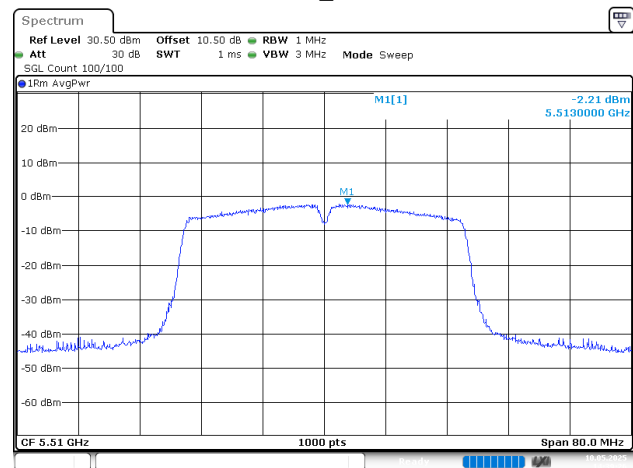
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Date: 10.MAY.2025 14:33:36

802.11n20_5720MHz



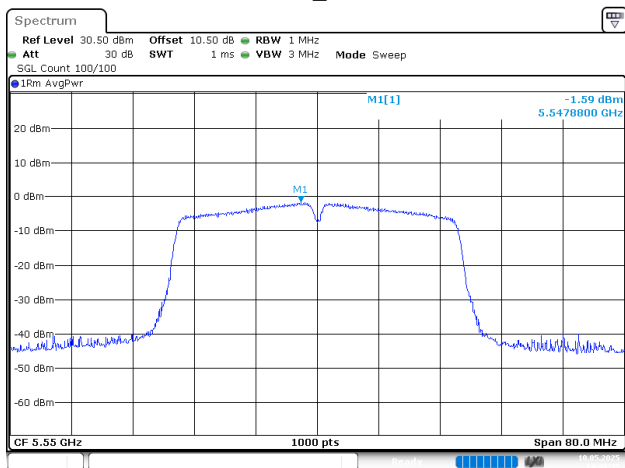
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802.11n40_5510MHz



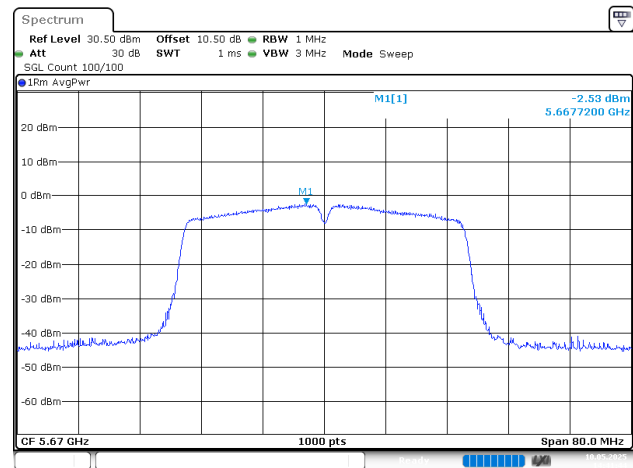
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Date: 10.MAY.2025 14:39:27

802.11n40_5550MHz



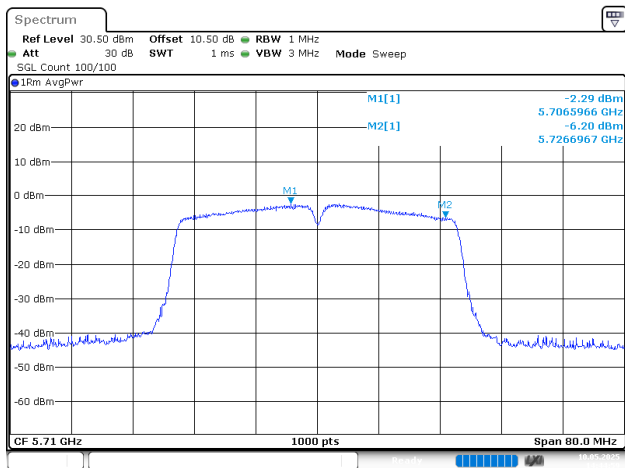
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Date: 10.MAY.2025 14:40:36

802.11n40_5670MHz



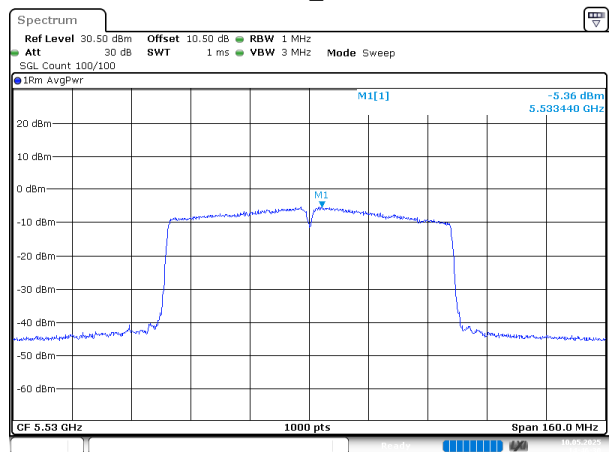
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Date: 10.MAY.2025 14:41:44

802.11n40_5710MHz



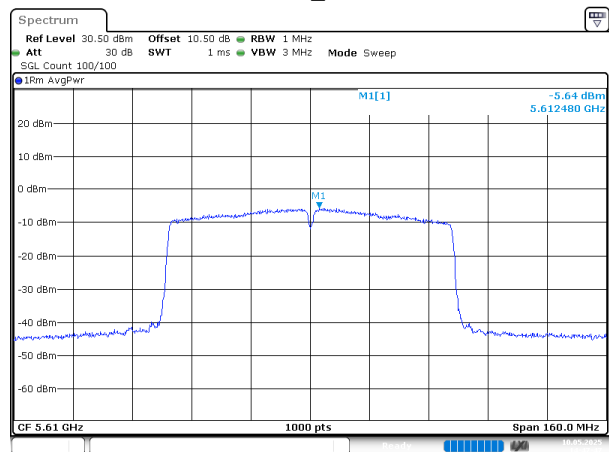
ProjectNo.:2502S55753E-RF Tester:Bill Yang
Date: 10.MAY.2025 14:45:00

802.11ac80_5530MHz



ProjectNo.:2502S55753E-RF Tester:Bill Yang
Date: 10.MAY.2025 14:46:31

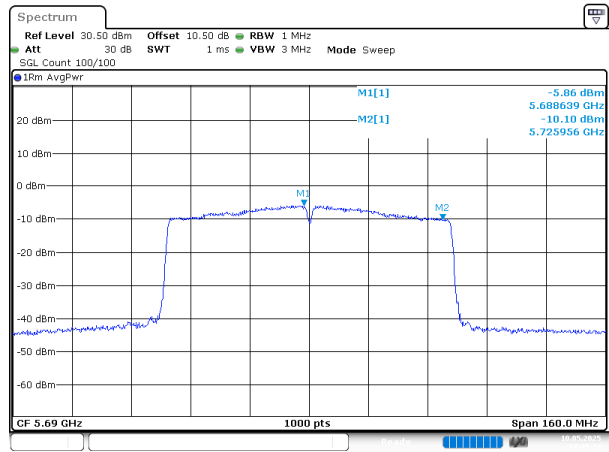
802.11ac80_5610MHz



ProjectNo.:2502S55753E-RF Tester:Bill Yang
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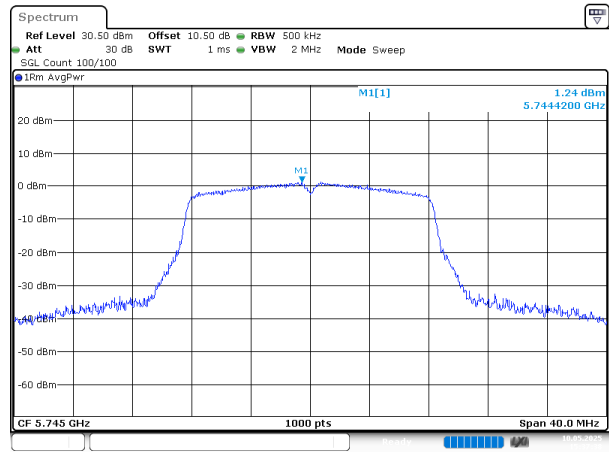
5725-5850MHz

802.11ac80_5690MHz



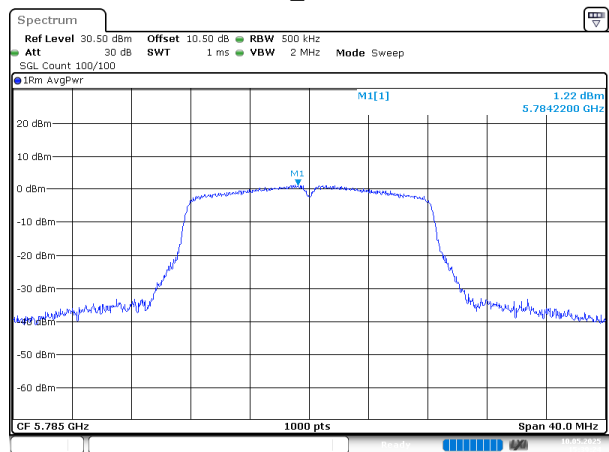
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802.11a_5745MHz



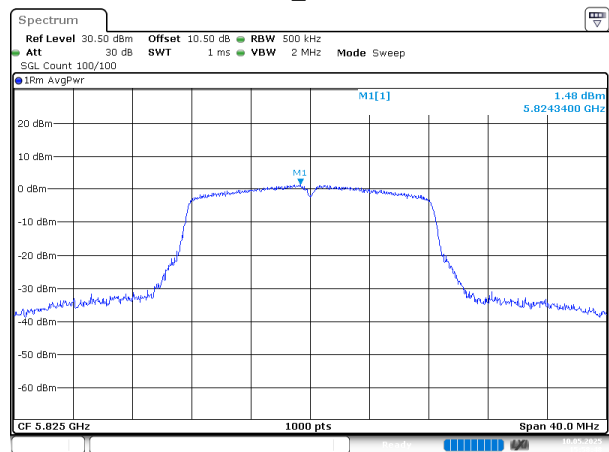
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802.11a_5785MHz



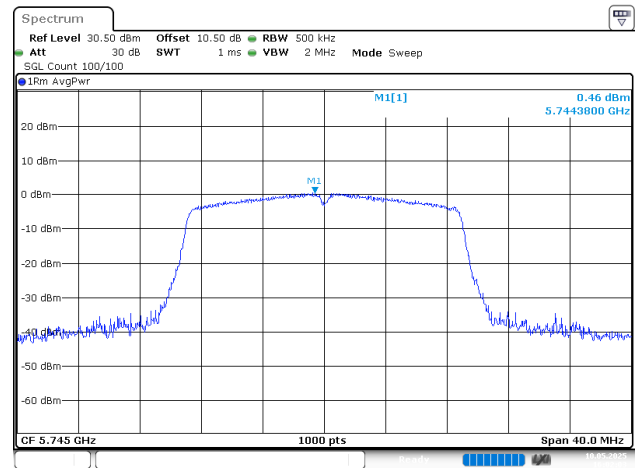
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802.11a_5825MHz



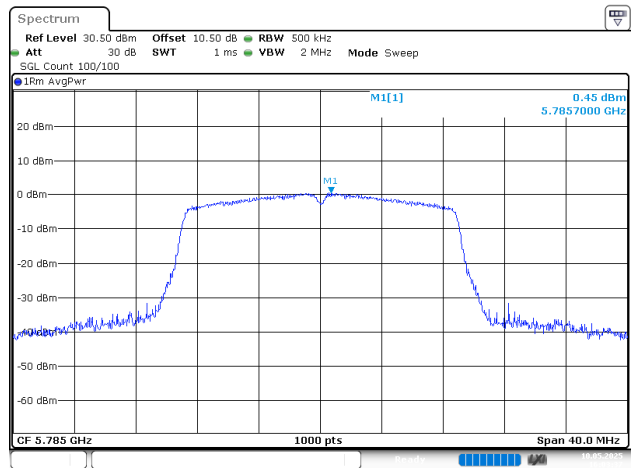
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Date: 10.MAY.2025 15:58:49

802.11n20_5745MHz



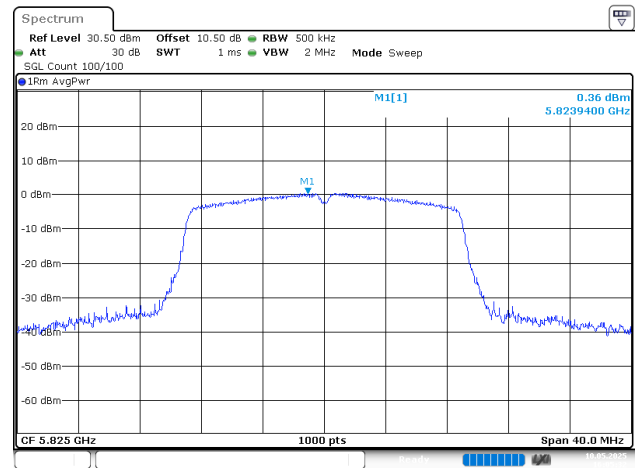
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802.11n20_5785MHz



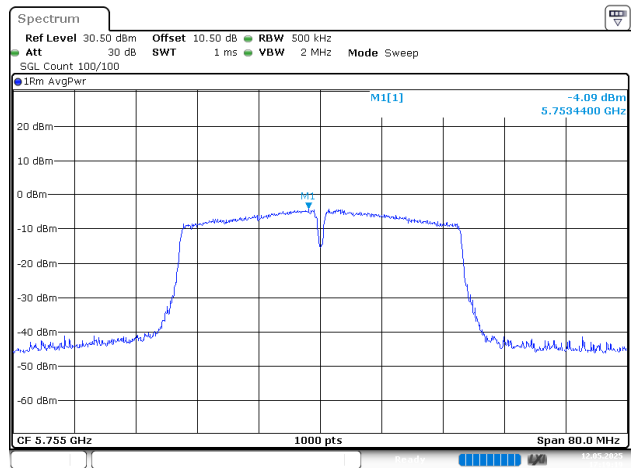
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Date: 10.MAY.2025 16:03:38

802.11n20_5825MHz



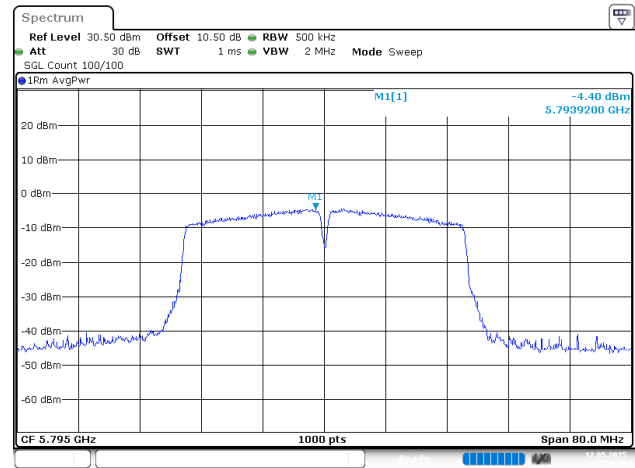
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Date: 10.MAY.2025 16:05:33

802.11n40_5755MHz



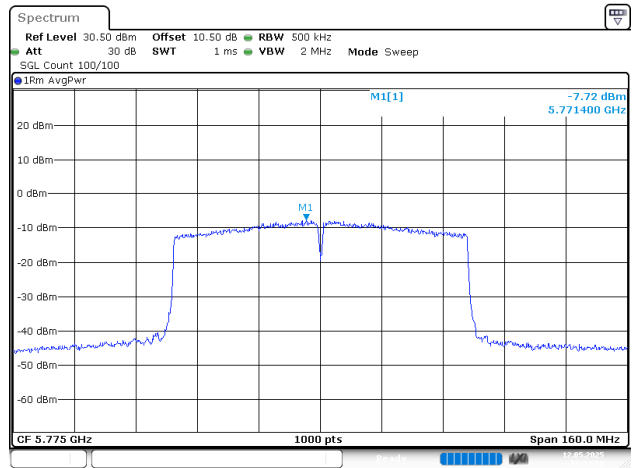
ProjectNo.:2502S55753E-RF Tester:Bill Yang
Date: 12.MAY.2025 17:19:19

802.11n40_5795MHz



ProjectNo.:2502S55753E-RF Tester:Bill Yang
Date: 12.MAY.2025 17:20:30

802.11ac80_5775MHz



ProjectNo.:2502S55753E-RF Tester:Bill Yang
Date: 12.MAY.2025 17:24:59

5.7 Duty Cycle

Test Information:

Serial No.:	31ZT-1	Test Date:	2025/05/10
Test Site:	RF	Test Mode:	Transmitting
Tester:	Bill Yang	Test Result:	/

Environmental Conditions:

Temperature: (°C)	26.1	Relative Humidity: (%)	51	ATM Pressure: (kPa)	101
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Coaxial Attenuator	10dB	F-08-EM512	2024/06/13	2025/06/12
R&S	Spectrum Analyzer	FSV40	101589	2024/09/05	2025/09/04

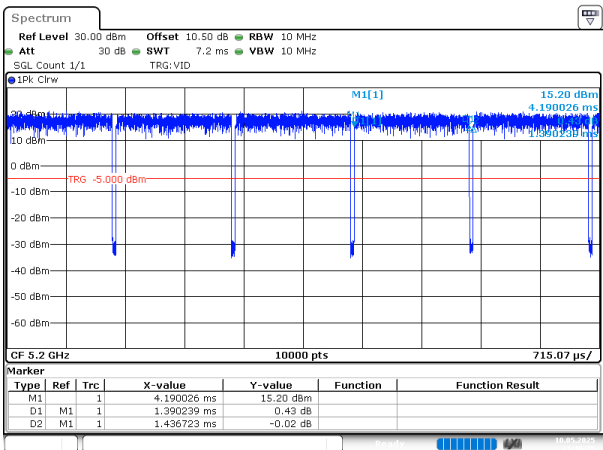
* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

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	1.390	1.437	96.73	0.14	719	1
802.11n20	5200	1.299	1.345	96.58	0.15	770	1
802.11n40	5190	0.648	0.693	93.51	0.29	1543	2
802.11ac80	5210	0.324	0.368	88.04	0.55	3086	5

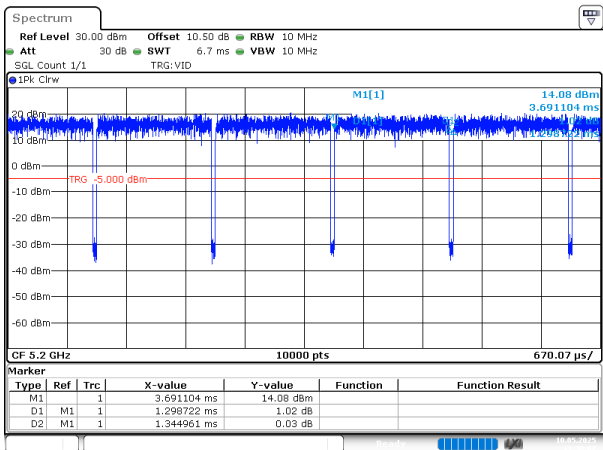
Duty Cycle = Ton/(Ton+Toff)*100%

802.11a_5200MHz



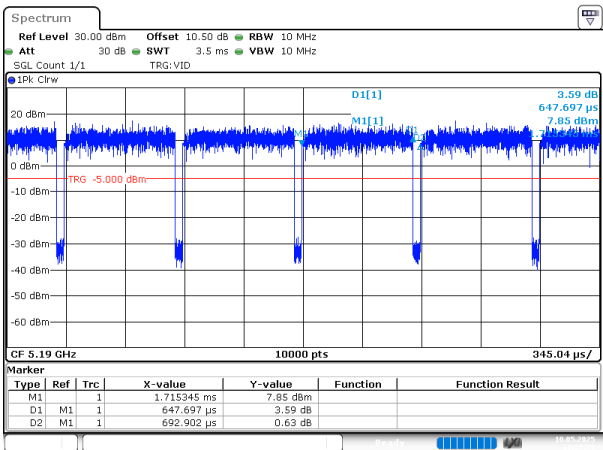
ProjectNo.:2502S55753E-RF Tester:Bill Yang
Date: 10.MAY.2025 11:16:25

802.11n20_5200MHz



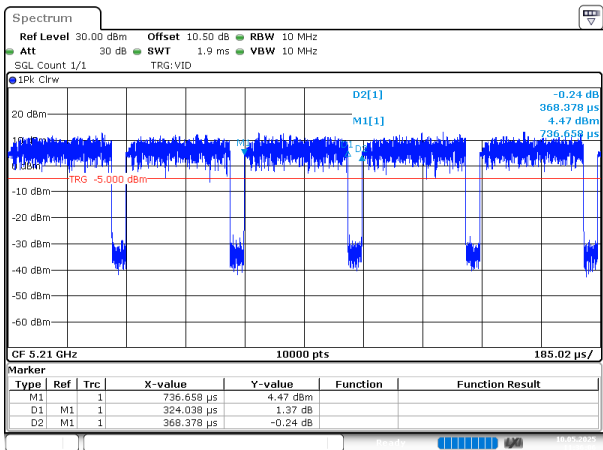
ProjectNo.:2502S55753E-RF Tester:Bill Yang
Date: 10.MAY.2025 11:30:07

802.11n40_5190MHz



ProjectNo.:2502S55753E-RF Tester:Bill Yang
Date: 10.MAY.2025 11:33:33

802.11ac80_5210MHz



ProjectNo.:2502S55753E-RF Tester:Bill Yang
Date: 10.MAY.2025 11:36:06

EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2502S55753E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2502S55753E-RF-INP EUT INTERNAL PHOTOGRAPHS.

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2502S55753E-RF-00D-TSP TEST SETUP PHOTOGRAPHS.

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