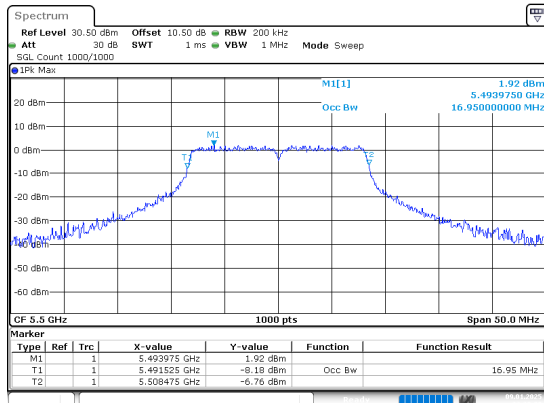


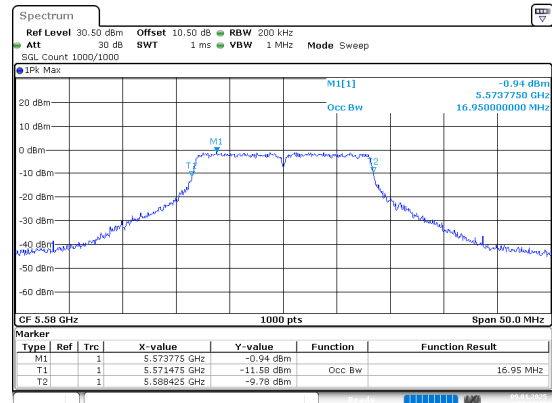
5470-5725MHz

802.11a_5500MHz



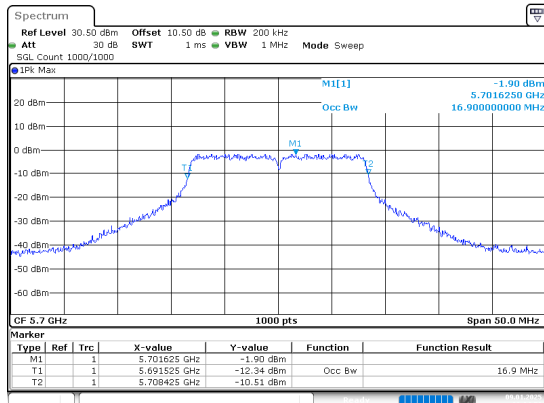
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Date: 9.JAN.2025 22:38:09

802.11a_5580MHz



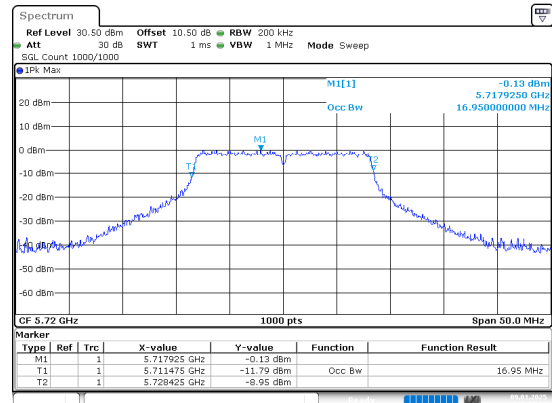
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802.11a_5700MHz



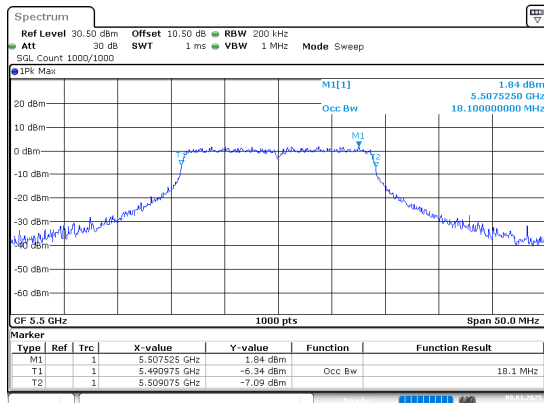
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802.11a_5720MHz



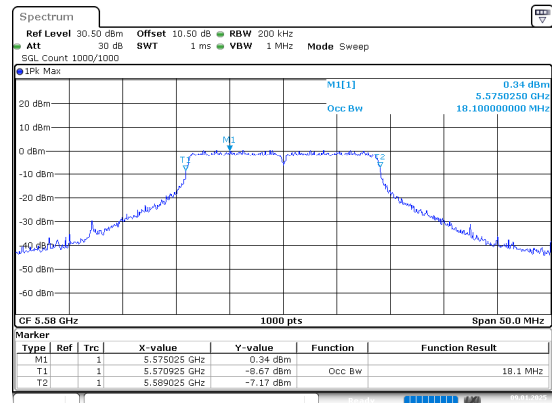
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802.11n20_5500MHz



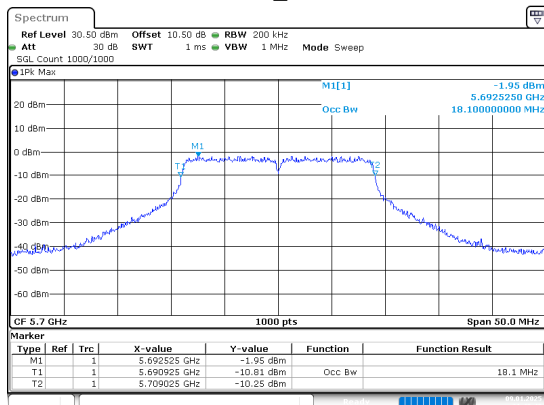
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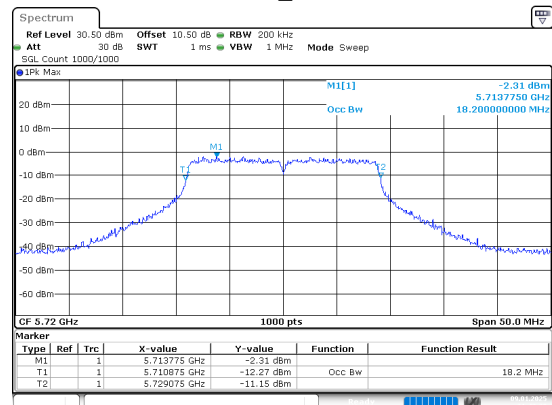
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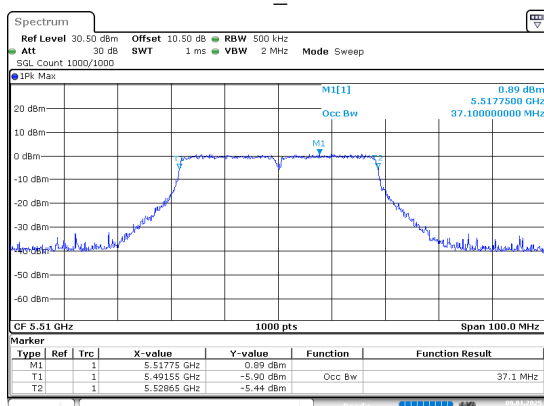
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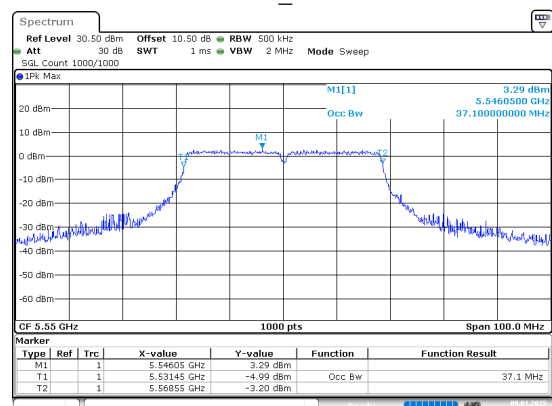
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802.11n40_5510MHz



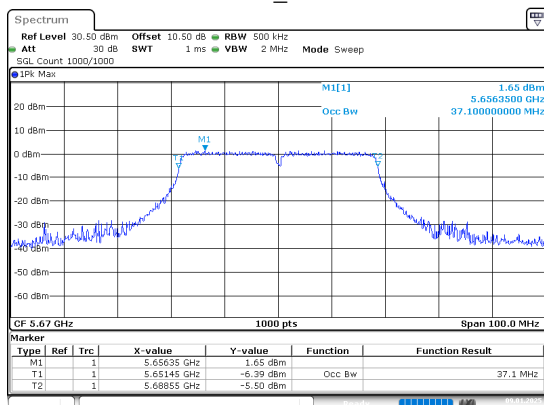
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802.11n40_5550MHz



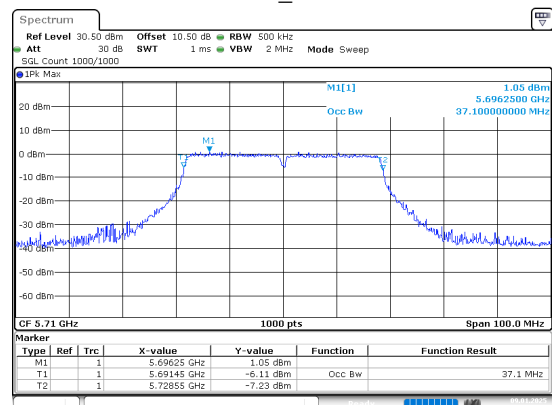
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802.11n40_5670MHz



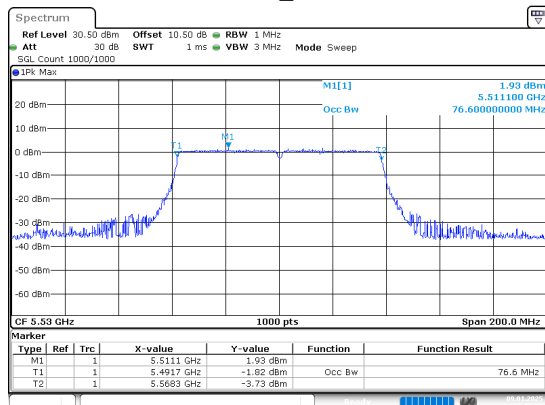
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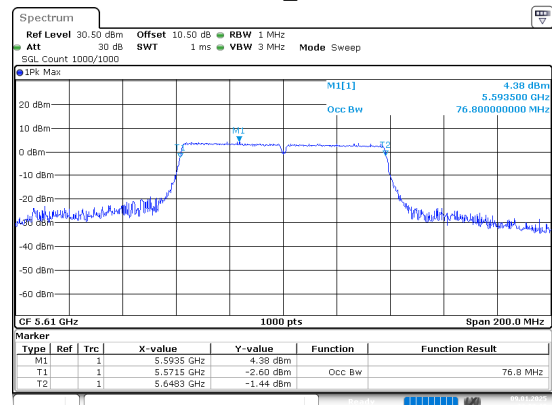


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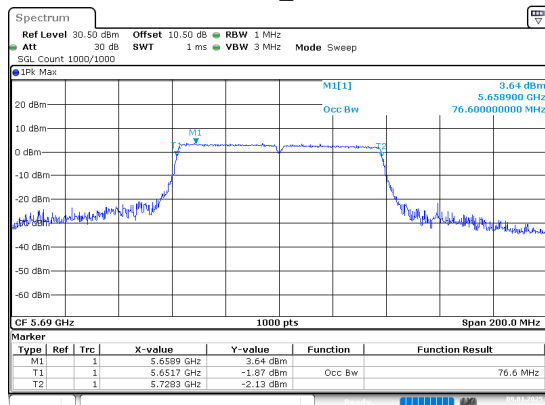


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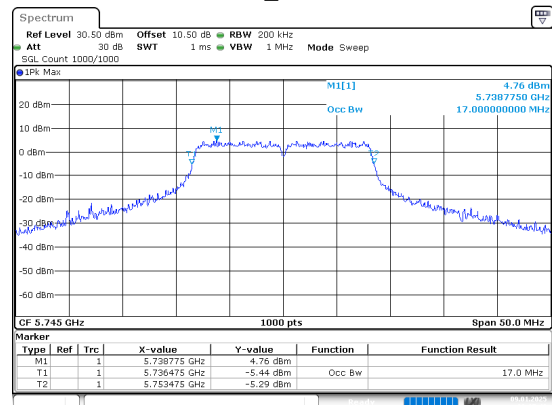


5725-5850MHz

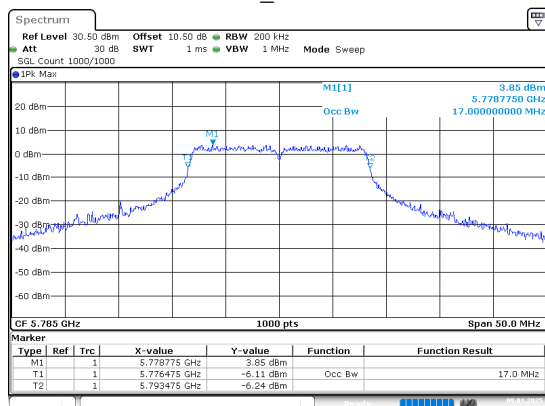
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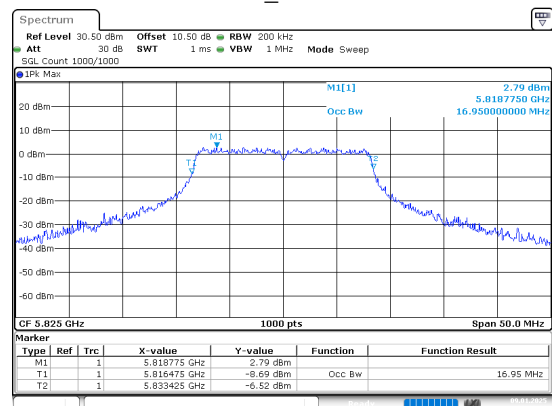
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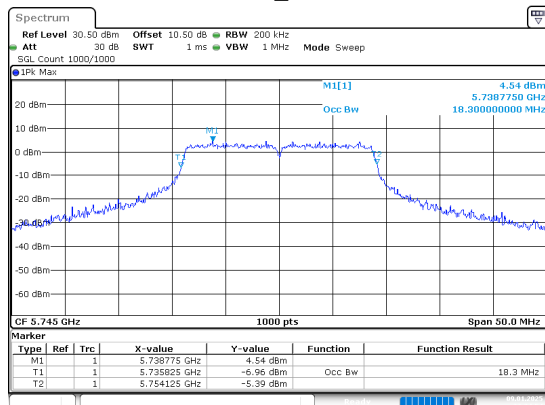
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802.11a_5825MHz



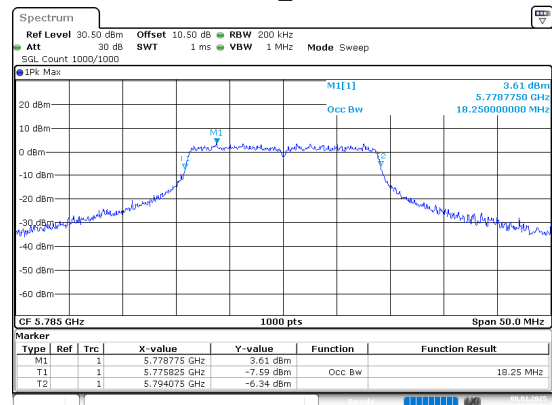
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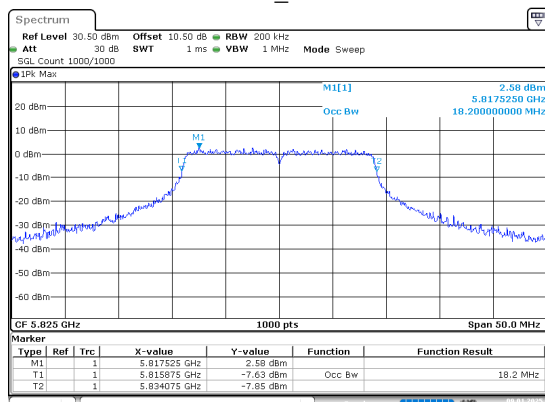
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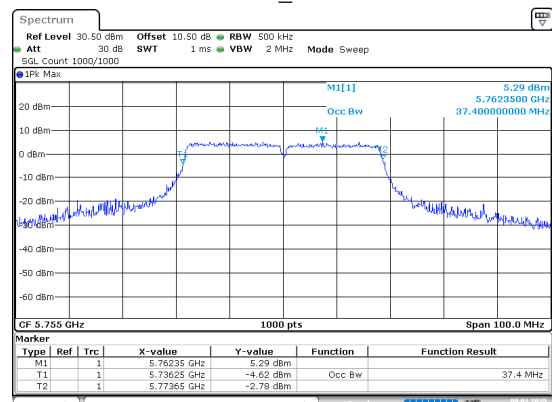
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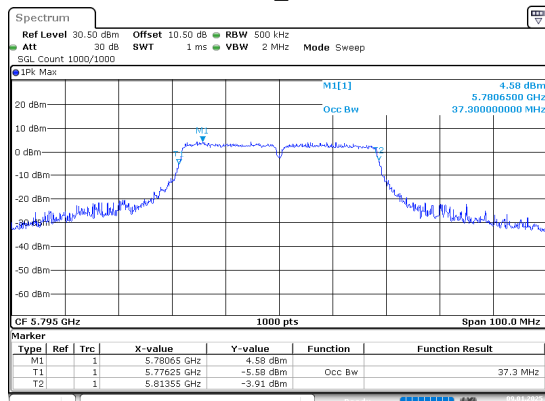
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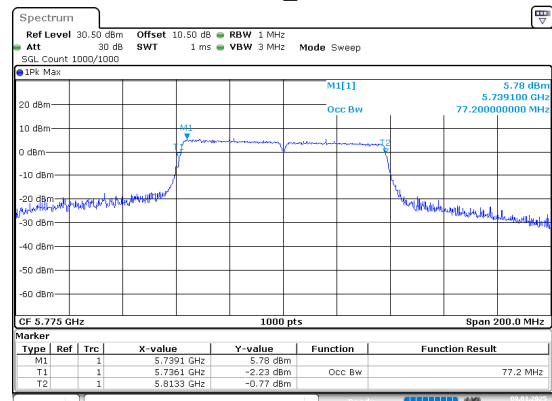
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ProjectNo.:2402Y100836E-RF Tester:Karl Liang

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802.11ac80_5775MHz



ProjectNo.:2402Y100836E-RF Tester:Karl Liang

Date: 9.JAN.2025 22:30:13

5.5 Maximum Conducted Output Power

Test Information:

Serial No.:	2TEQ-5	Test Date:	2025/01/09
Test Site:	RF	Test Mode:	Transmitting
Tester:	Karl Liang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	22.5	Relative Humidity: (%)	41	ATM Pressure: (kPa)	101.5
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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
Anritsu	Microwave Peak Power Sensor	MA24418A	12618	2024/8/27	2025/8/26

* 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	Antenna	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	Chain 0	5180	15.13	24	Pass
		5200	15.77	24	Pass
		5240	14.91	24	Pass
802.11n20	Chain 0	5180	15.39	24	Pass
		5200	15.12	24	Pass
		5240	15.01	24	Pass
802.11n40	Chain 0	5190	15.16	24	Pass
		5230	14.92	24	Pass
802.11ac80	Chain 0	5210	13.99	24	Pass

Note: The device is a Client device.

5250-5350MHz

Mode	Antenna	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	Chain 0	5260	15.41	24	Pass
		5280	15.62	24	Pass
		5320	15.28	24	Pass
802.11n20	Chain 0	5260	15.26	24	Pass
		5280	14.83	24	Pass
		5320	14.81	24	Pass
802.11n40	Chain 0	5270	13.94	24	Pass
		5310	13.67	24	Pass
802.11ac80	Chain 0	5290	12.8	24	Pass

5470-5725MHz

Mode	Antenna	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	Chain 0	5500	13.18	24	Pass
		5580	9.36	24	Pass
		5700	8.3	24	Pass
		5720	10.56	24	Pass
802.11n20	Chain 0	5500	12.64	24	Pass
		5580	11.32	24	Pass
		5700	9.0	24	Pass
		5720	8.27	24	Pass
802.11n40	Chain 0	5510	10.86	24	Pass
		5550	12.62	24	Pass
		5670	11.18	24	Pass
		5710	10.51	24	Pass
802.11ac80	Chain 0	5530	10.86	24	Pass
		5610	13.4	24	Pass
		5690	13.01	24	Pass

5725-5850MHz

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	Chain 0	5745	15.66	30	Pass
		5785	14.7	30	Pass
		5825	13.65	30	Pass
802.11n20	Chain 0	5745	15.19	30	Pass
		5785	14.33	30	Pass
		5825	13.05	30	Pass
802.11n40	Chain 0	5755	14.91	30	Pass
		5795	13.76	30	Pass
802.11ac80	Chain 0	5775	14.37	30	Pass

5.6 Power Spectral Density

Test Information:

Serial No.:	2TEQ-5	Test Date:	2025/01/09
Test Site:	RF	Test Mode:	Transmitting
Tester:	Karl Liang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	22.5	Relative Humidity: (%)	41	ATM Pressure: (kPa)	101.5
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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	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:

5150-5250MHz

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	Chain 0	5180	1.52	2.40	3.92	11	Pass
		5200	3.09	2.40	5.49	11	Pass
		5240	1.39	2.40	3.79	11	Pass
802.11n20	Chain 0	5180	3.11	0.80	3.91	11	Pass
		5200	3.36	0.80	4.16	11	Pass
		5240	3.29	0.80	4.09	11	Pass
802.11n40	Chain 0	5190	0.44	0.83	1.27	11	Pass
		5230	0.09	0.83	0.92	11	Pass
802.11ac80	Chain 0	5210	-4.00	0.89	-3.11	11	Pass

5250-5350MHz

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	Chain 0	5260	2.44	2.40	4.84	11	Pass
		5280	2.36	2.40	4.76	11	Pass
		5320	2.48	2.40	4.88	11	Pass
802.11n20	Chain 0	5260	3.71	0.80	4.51	11	Pass
		5280	3.31	0.80	4.11	11	Pass
		5320	3.02	0.80	3.82	11	Pass
802.11n40	Chain 0	5270	-0.66	0.83	0.17	11	Pass
		5310	-0.66	0.83	0.17	11	Pass
802.11ac80	Chain 0	5290	-5.22	0.88	-4.34	11	Pass

5470-5725MHz

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	Chain 0	5500	0.65	2.39	3.04	11	Pass
		5580	-3.56	2.39	-1.17	11	Pass
		5700	-4.47	2.39	-2.08	11	Pass
		5720	-2.23	2.39	0.16	11	Pass
802.11n20	Chain 0	5500	0.53	0.80	1.33	11	Pass
		5580	-0.96	0.80	-0.16	11	Pass
		5700	-3.45	0.80	-2.65	11	Pass
		5720	-3.64	0.80	-2.84	11	Pass
802.11n40	Chain 0	5510	-4.41	0.83	-3.58	11	Pass
		5550	-2.61	0.83	-1.78	11	Pass
		5670	-4.19	0.83	-3.36	11	Pass
		5710	-4.34	0.83	-3.51	11	Pass
802.11ac80	Chain 0	5530	-7.68	0.89	-6.79	11	Pass
		5610	-5.05	0.89	-4.16	11	Pass
		5690	-5.16	0.89	-4.27	11	Pass

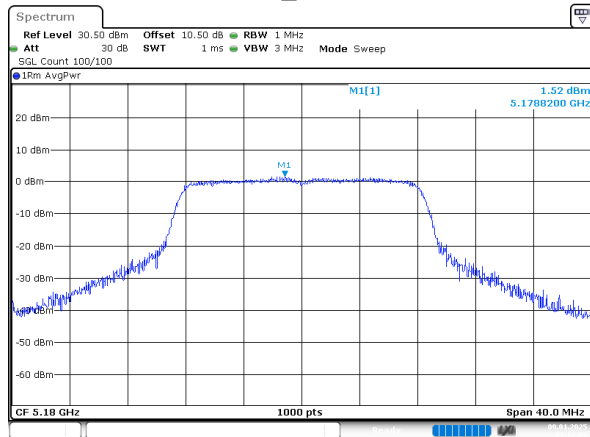
5725-5850MHz

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor(dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)
802.11a	Chain 0	5745	-1.84	2.40	0.56	30
		5785	-1.64	2.40	0.76	30
		5825	-3.37	2.40	-0.97	30
802.11n20	Chain 0	5745	0.10	0.80	0.90	30
		5785	-0.96	0.80	-0.16	30
		5825	-1.81	0.80	-1.01	30
802.11n40	Chain 0	5755	-3.11	0.83	-2.28	30
		5795	-3.91	0.83	-3.08	30
802.11ac80	Chain 0	5775	-6.71	0.89	-5.82	30

Result = Reading + Duty Cycle Factor

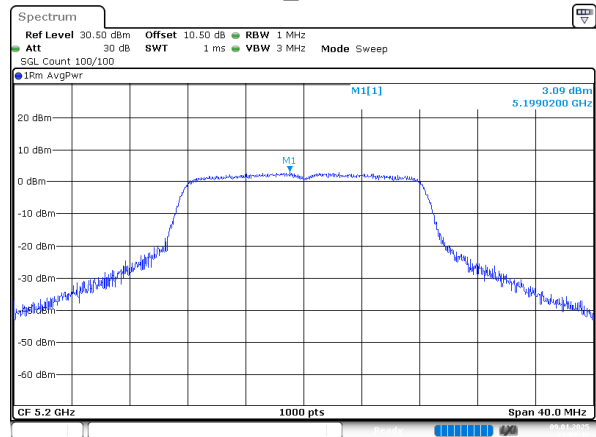
5150-5250MHz

802.11a_5180MHz



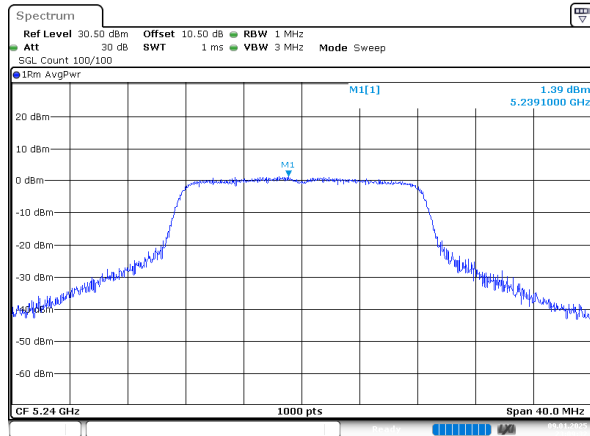
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802.11a_5200MHz



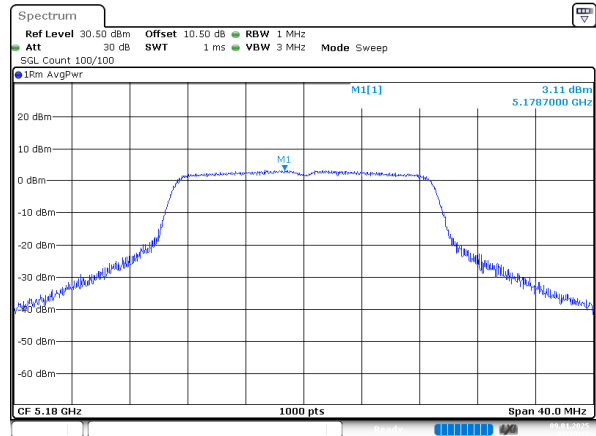
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802.11a_5240MHz



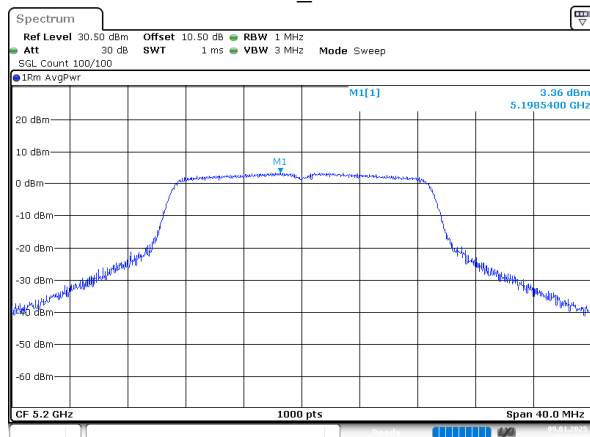
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802.11n20_5180MHz



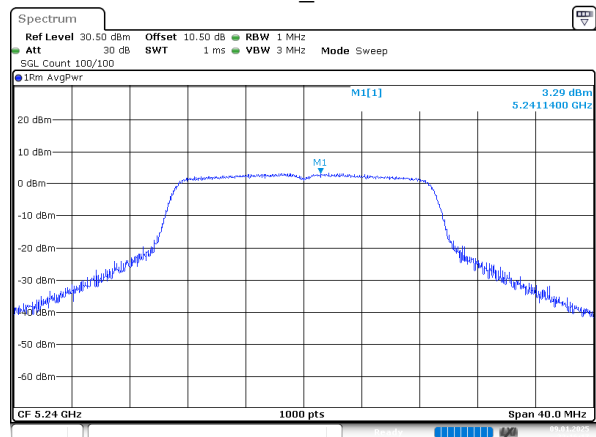
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802.11n20_5200MHz



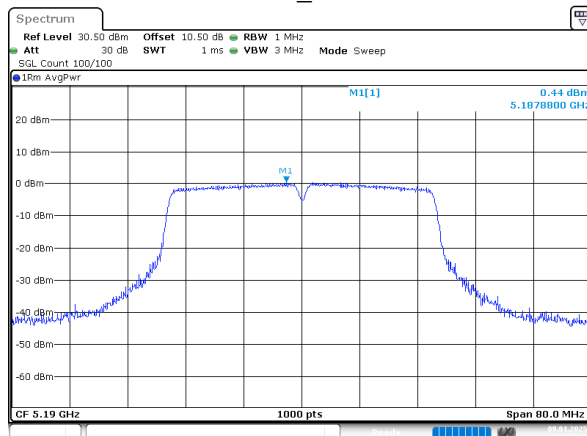
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802.11n20_5240MHz



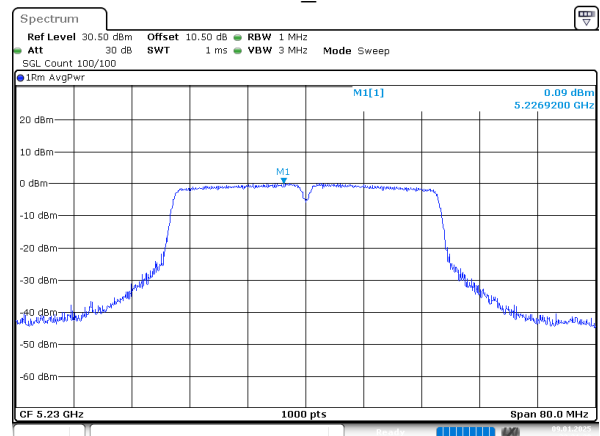
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802.11n40_5190MHz



ProjectNo.:2402Y100836E-RF Tester:Karl Liang
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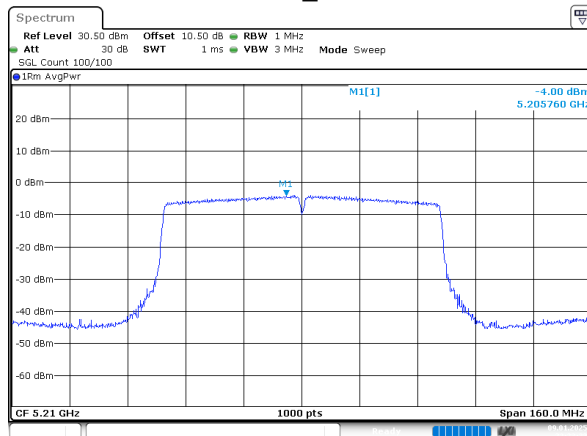
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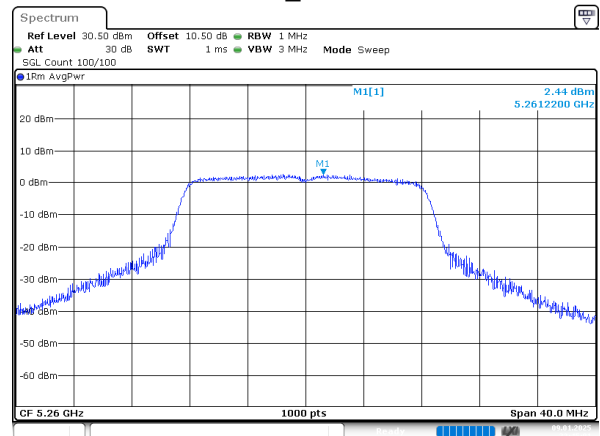
5250-5350MHz

802.11ac80_5210MHz



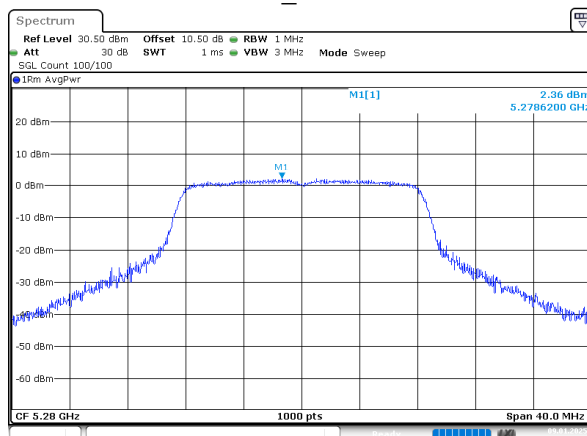
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Date: 9.JAN.2025 23:23:24

802.11a_5260MHz



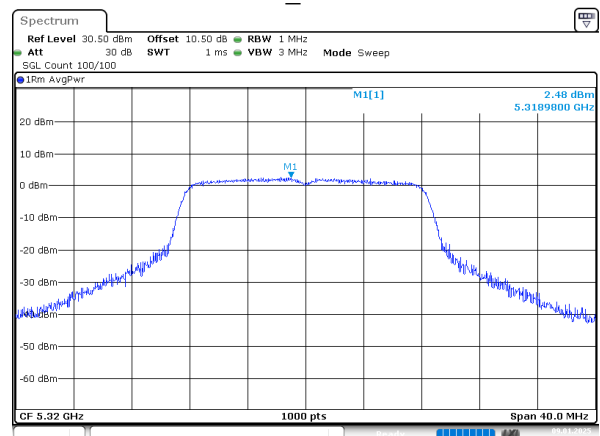
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802.11a_5280MHz



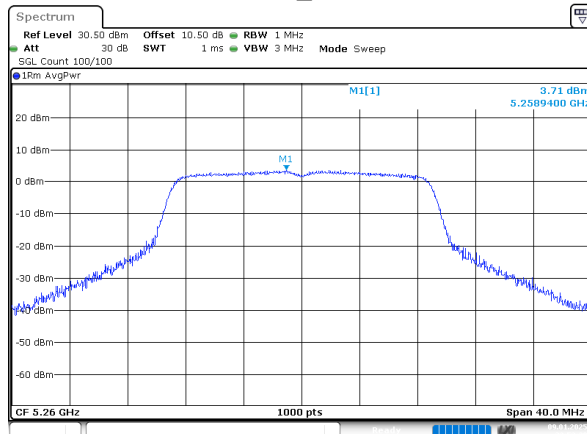
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802.11a_5320MHz

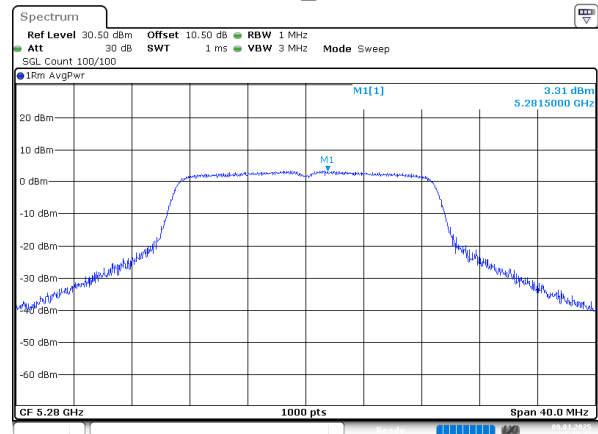


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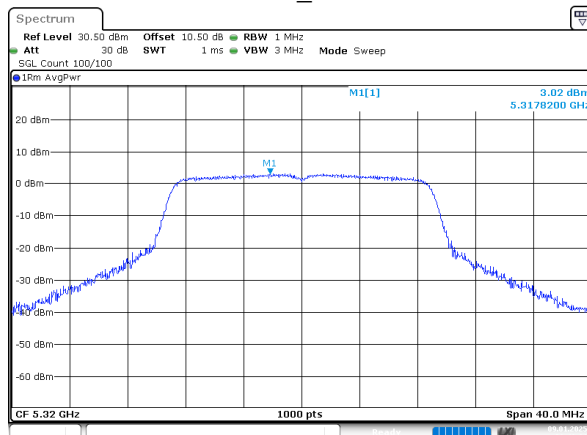
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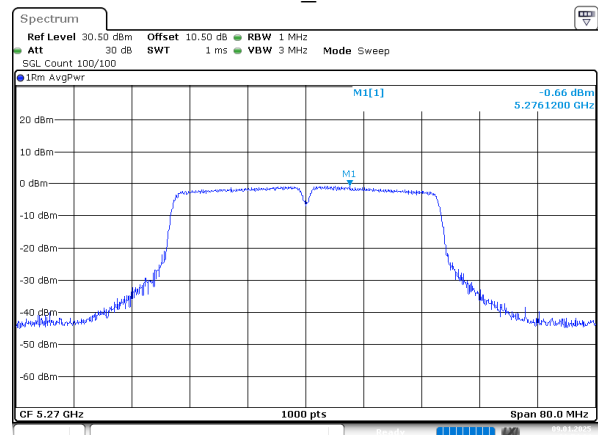
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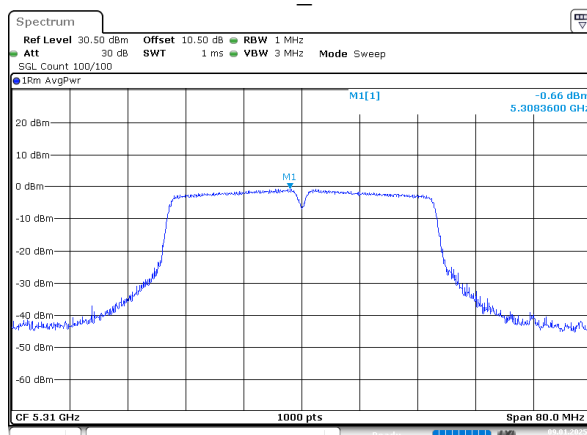
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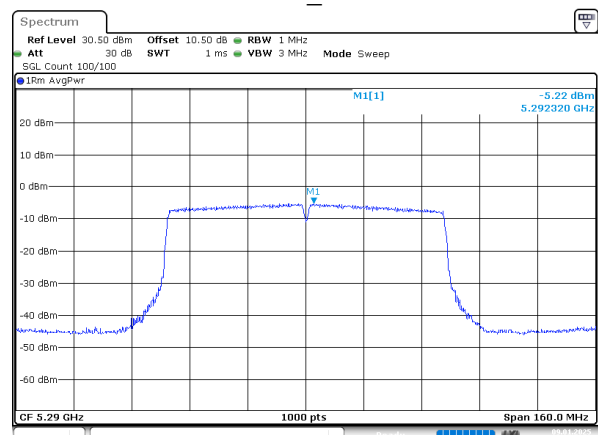
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802.11n40_5310MHz

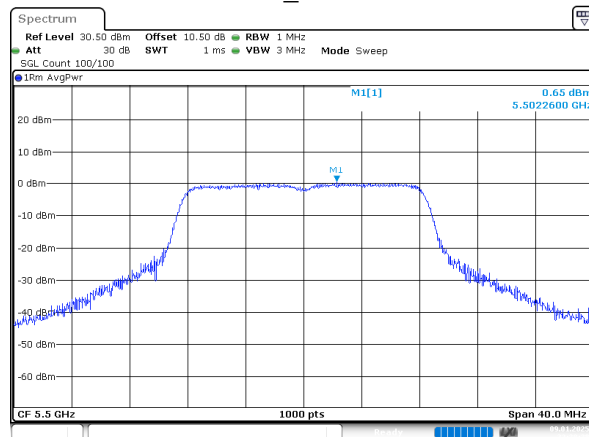


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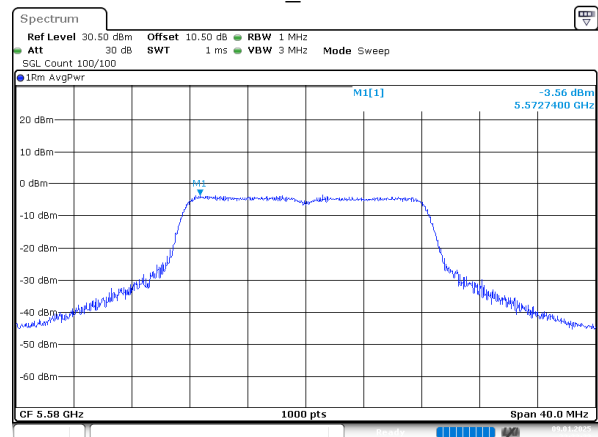
5470-5725MHz

802.11a_5500MHz



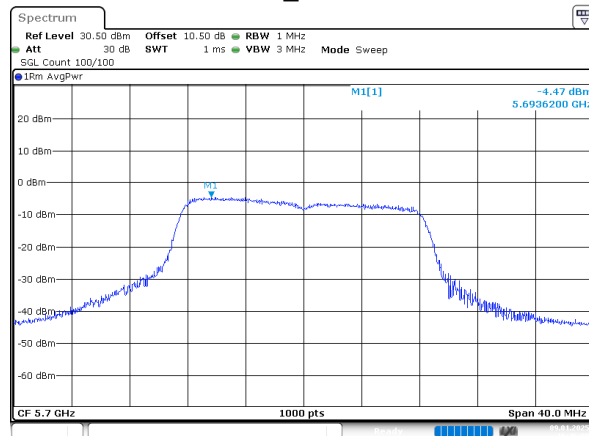
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802.11a_5580MHz



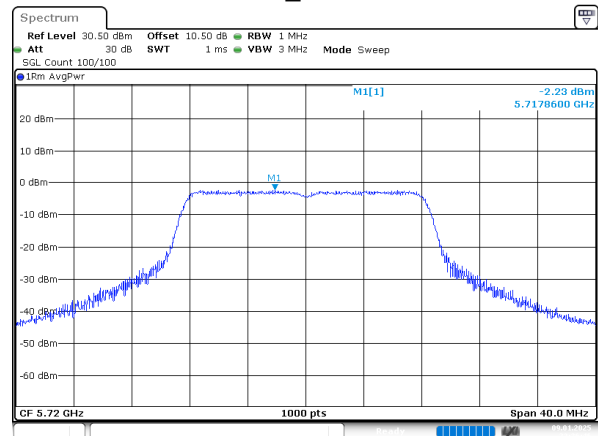
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802.11a_5700MHz



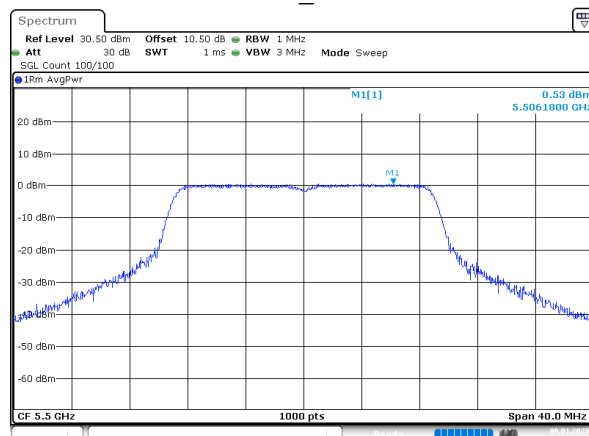
ProjectNo.:2402Y100836E-RF Tester:Karl Liang
Date: 9.JAN.2025 16:46:01

802.11a_5720MHz



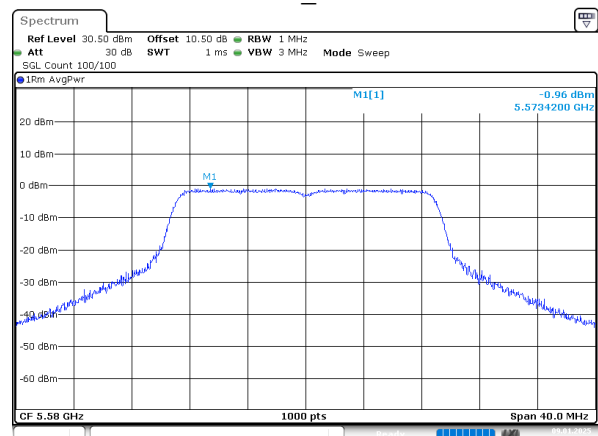
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802.11n20_5500MHz



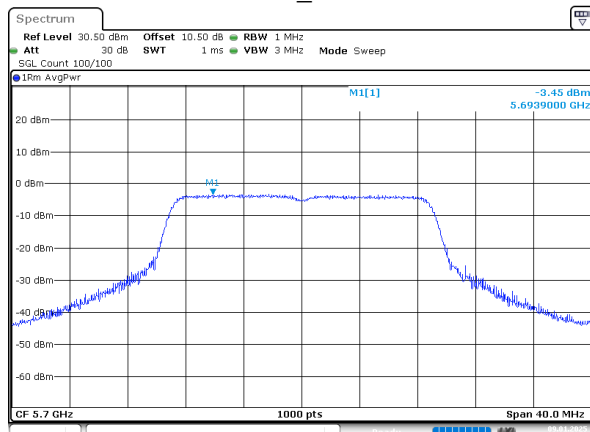
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802.11n20_5580MHz



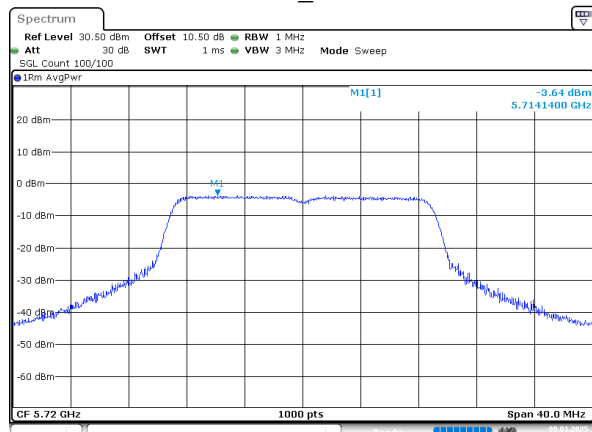
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802.11n20_5700MHz



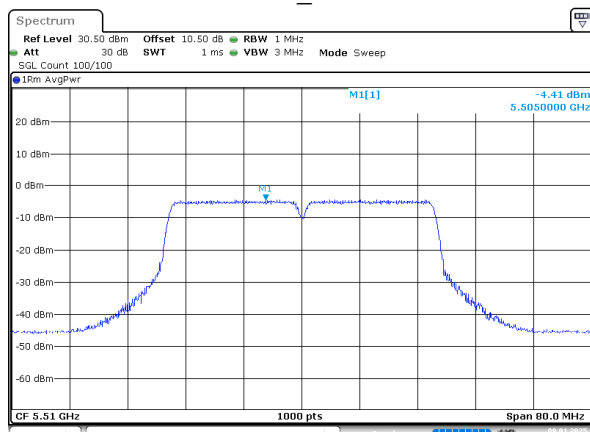
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802.11n20_5720MHz



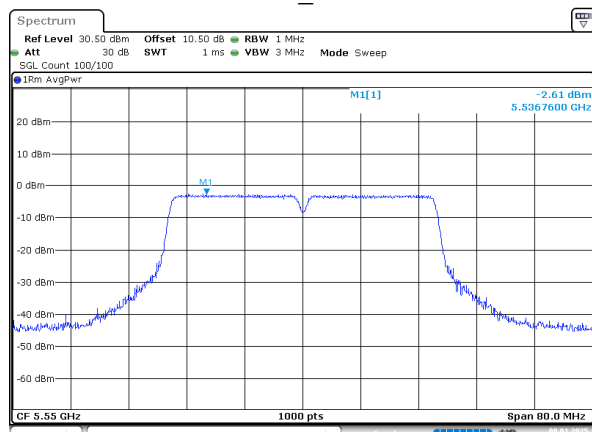
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802.11n40_5510MHz



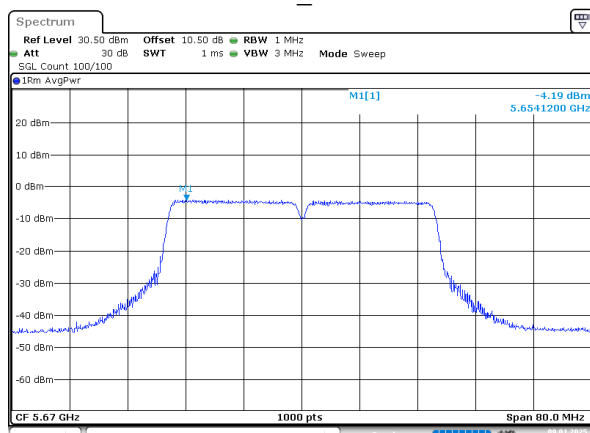
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802.11n40_5550MHz



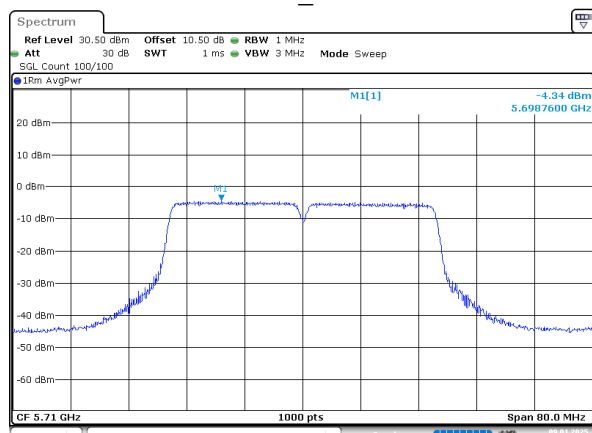
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802.11n40_5670MHz



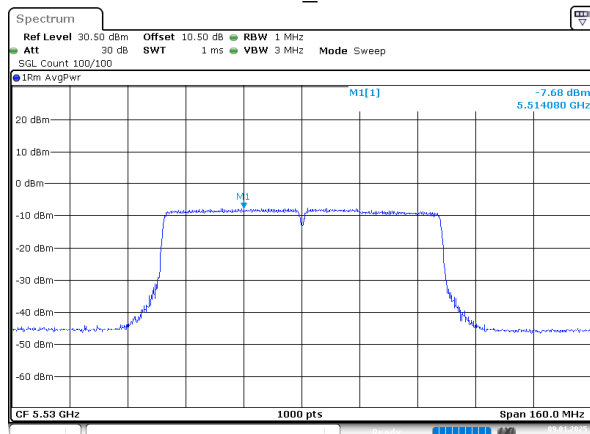
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802.11n40_5710MHz



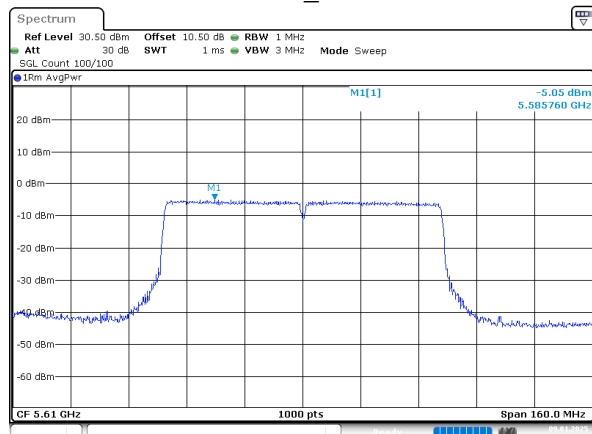
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802.11ac80_5530MHz



ProjectNo.:2402Y100836E-RF Tester:Karl Liang
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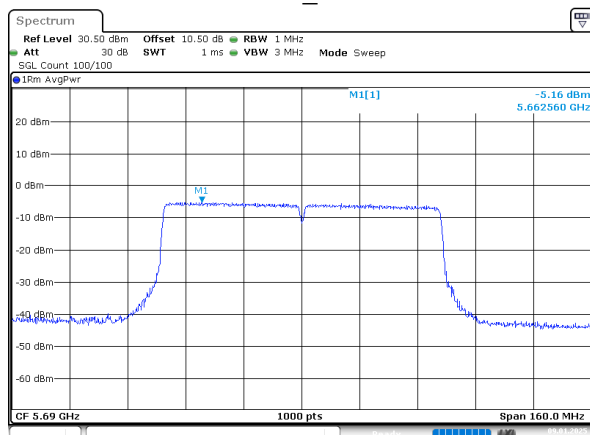
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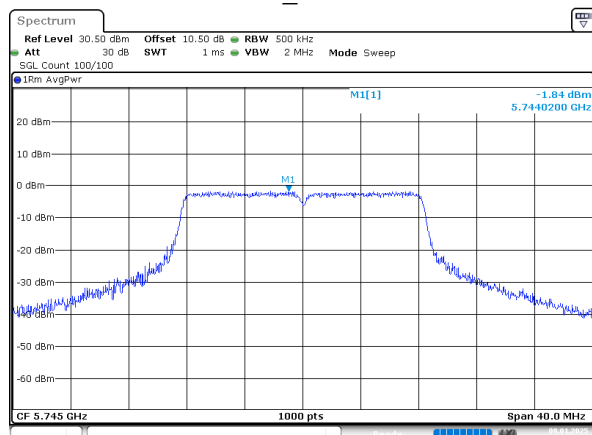
5725-5850MHz

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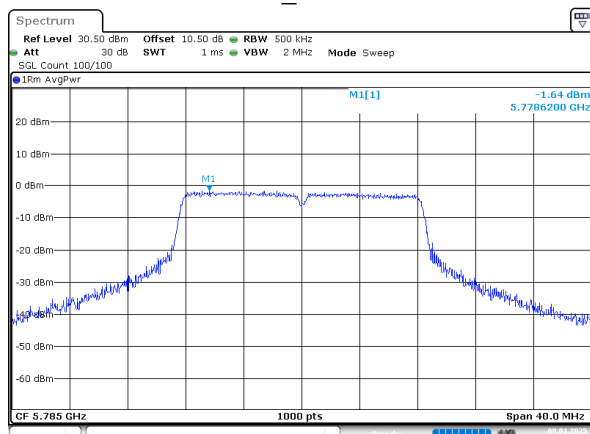
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802.11a_5745MHz



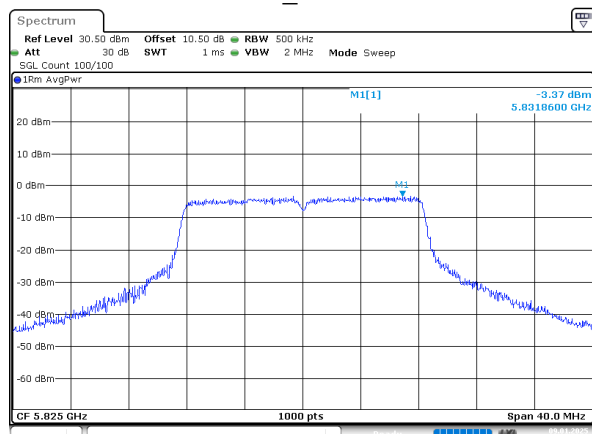
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802.11a_5785MHz



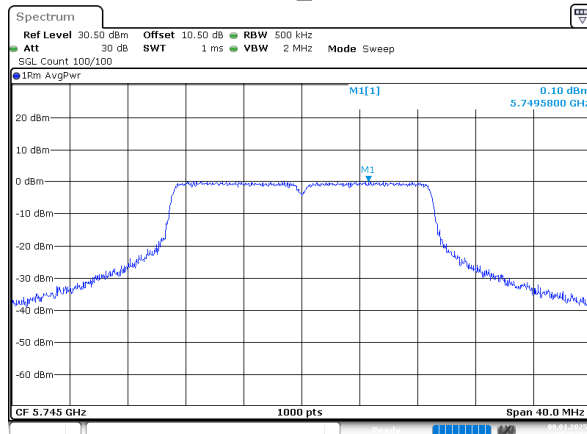
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802.11a_5825MHz



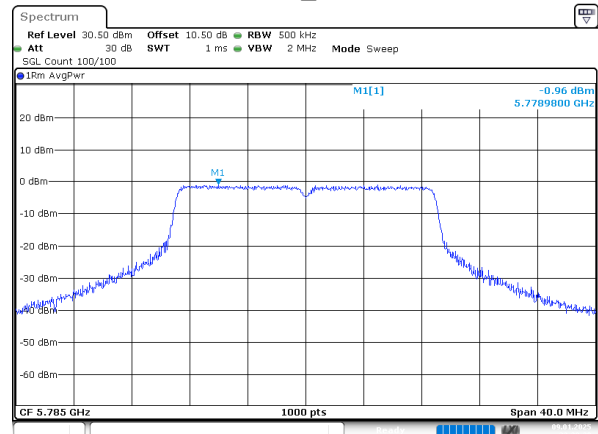
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802.11n20_5745MHz



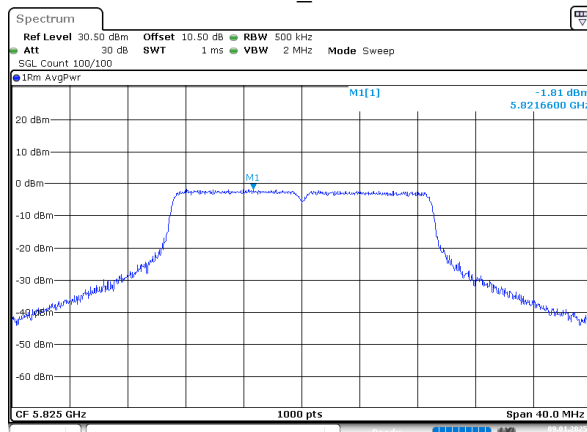
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802.11n20_5785MHz



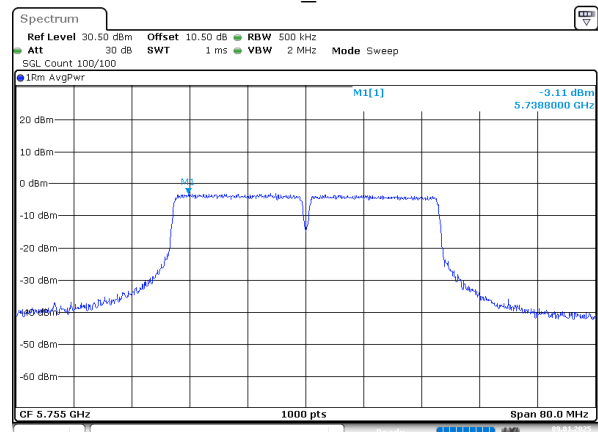
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802.11n20_5825MHz



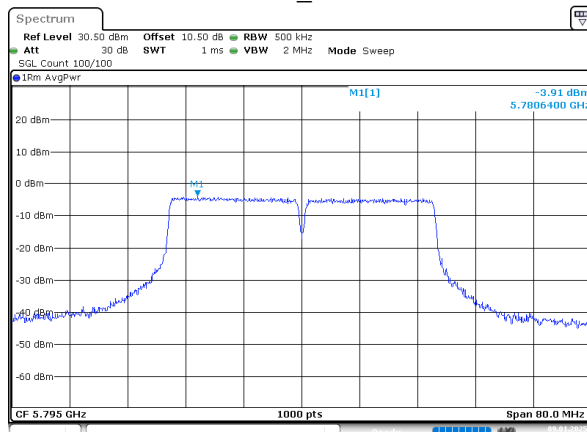
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Date: 9.JAN.2025 22:21:51

802.11n40_5755MHz



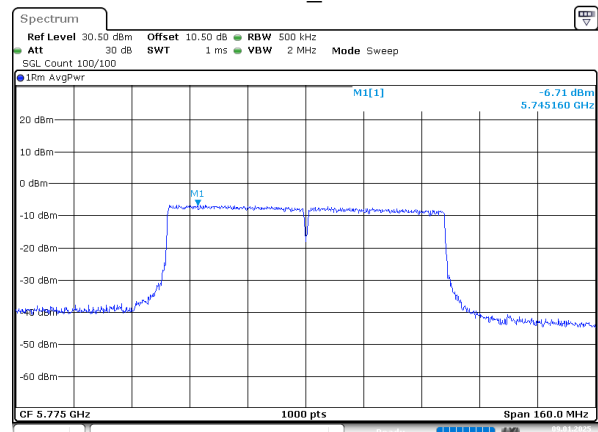
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Date: 9.JAN.2025 22:27:13

802.11n40_5795MHz



ProjectNo.:2402Y100836E-RF Tester:Karl Liang
Date: 9.JAN.2025 22:28:28

802.11ac80_5775MHz



ProjectNo.:2402Y100836E-RF Tester:Karl Liang
Date: 9.JAN.2025 22:30:35

5.7 Duty Cycle

Test Information:

Serial No.:	2TEQ-5	Test Date:	2025/01/09
Test Site:	RF	Test Mode:	Transmitting
Tester:	Karl Liang	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	22.5	Relative Humidity: (%)	41	ATM Pressure: (kPa)	101.5
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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	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:

5150-5250MHz

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5200	1.393	2.418	57.61	2.40	718	1
802.11n20	5200	5.085	6.114	83.17	0.80	197	0.200
802.11n40	5190	4.892	5.923	82.59	0.83	204	0.300
802.11ac80	5210	4.519	5.547	81.47	0.89	221	0.300

5250-5350MHz

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5280	1.393	2.418	57.61	2.40	718	1
802.11n20	5280	5.085	6.111	83.21	0.80	197	0.200
802.11n40	5270	4.894	5.920	82.67	0.83	204	0.300
802.11ac80	5290	4.519	5.538	81.60	0.88	221	0.300

5470-5725MHz

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5580	1.393	2.416	57.66	2.39	718	1
802.11n20	5580	5.085	6.114	83.17	0.80	197	0.200
802.11n40	5550	4.888	5.915	82.64	0.83	205	0.300
802.11ac80	5610	4.519	5.547	81.47	0.89	221	0.300

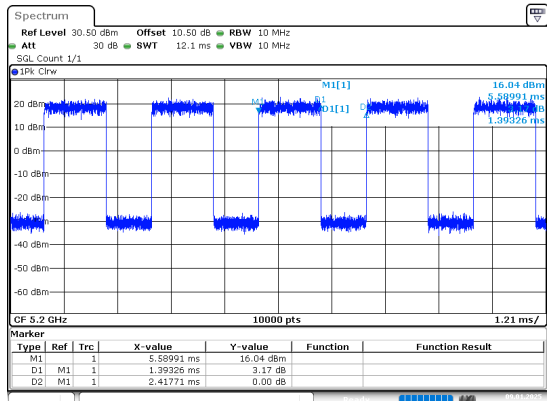
5725-5850MHz

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5785	1.393	2.419	57.59	2.40	718	1
802.11n20	5785	5.085	6.108	83.25	0.80	197	0.200
802.11n40	5755	4.894	5.920	82.67	0.83	204	0.300
802.11ac80	5775	4.519	5.547	81.47	0.89	221	0.300

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

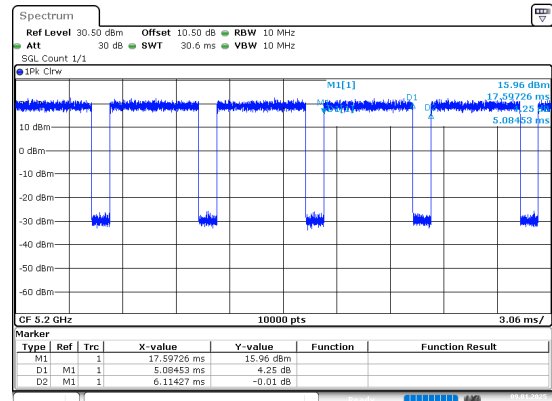
5150-5250MHz

802.11a_5200MHz



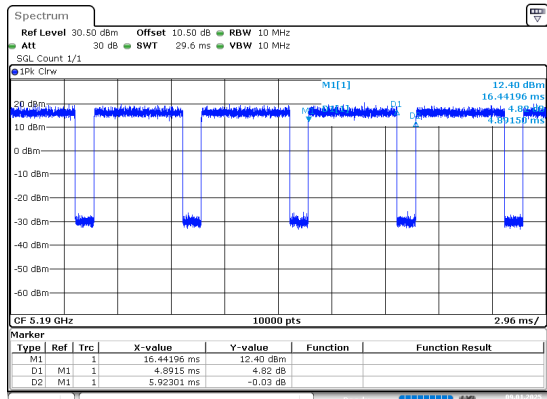
ProjectNo.:2402Y100836E-RF Tester:Karl Liang
Date: 9.JAN.2025 23:06:14

802.11n20_5200MHz



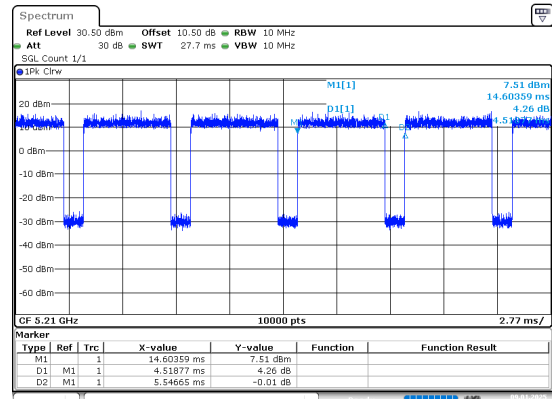
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802.11n40_5190MHz



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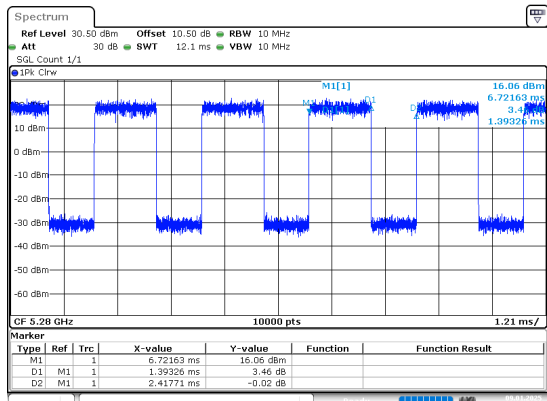
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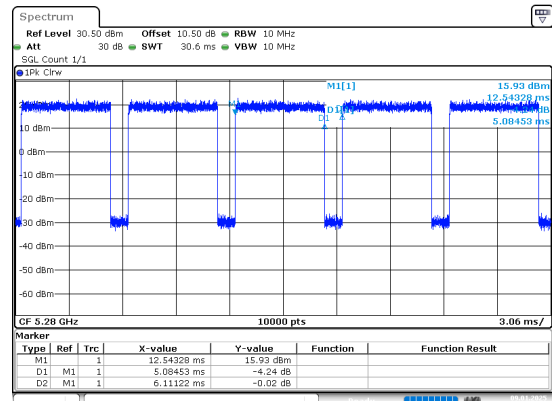
5250-5350MHz

802.11a_5280MHz



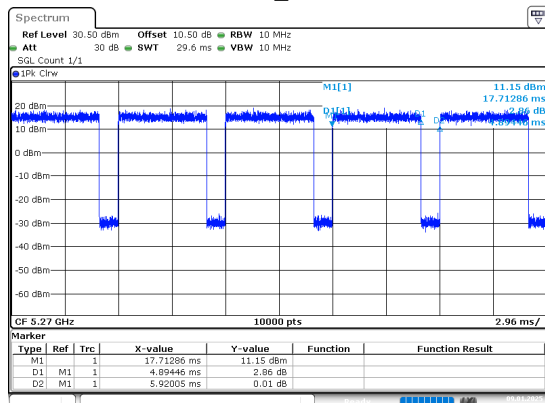
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802.11n20_5280MHz

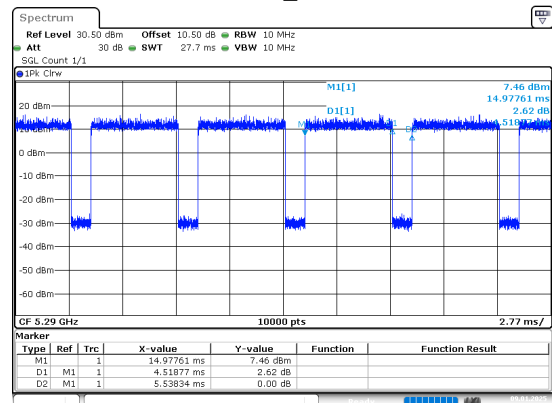


ProjectNo.:2402Y100836E-RF Tester:Karl Liang
Date: 9.JAN.2025 22:46:12

802.11n40_5270MHz

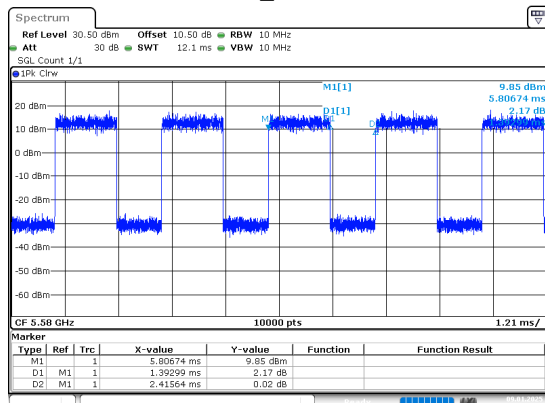


802.11ac80_5290MHz

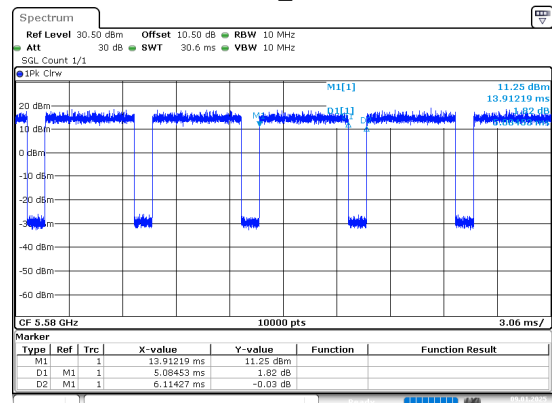


5470-5725MHz

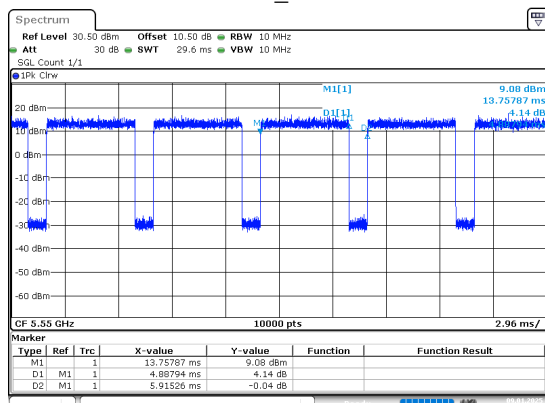
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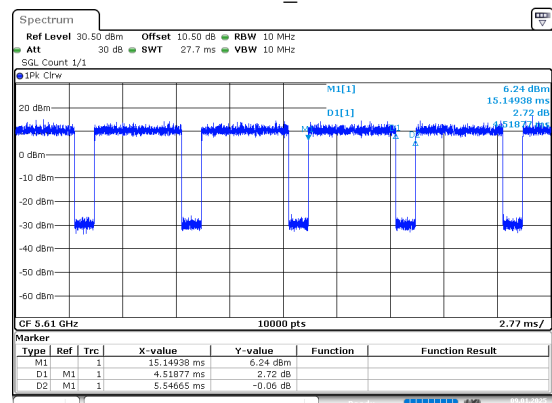
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802.11n40_5550MHz

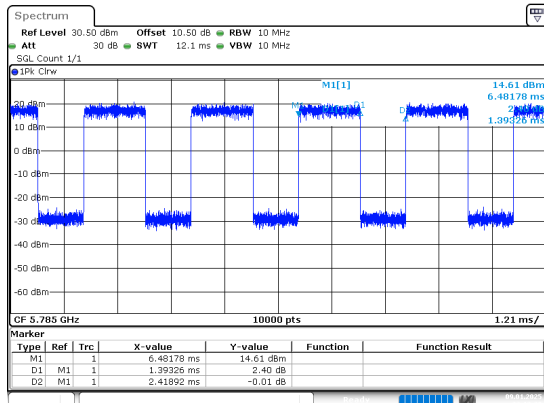


802.11ac80_5610MHz



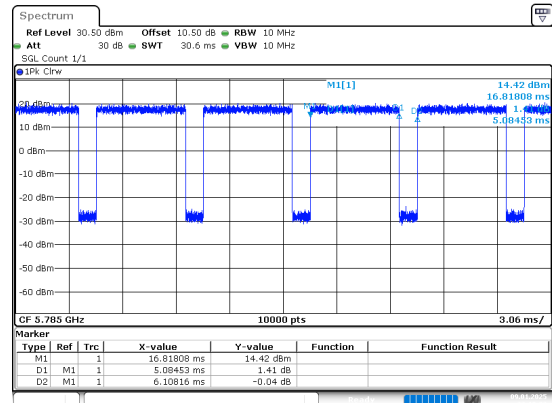
5725-5850MHz

802.11a_5785MHz



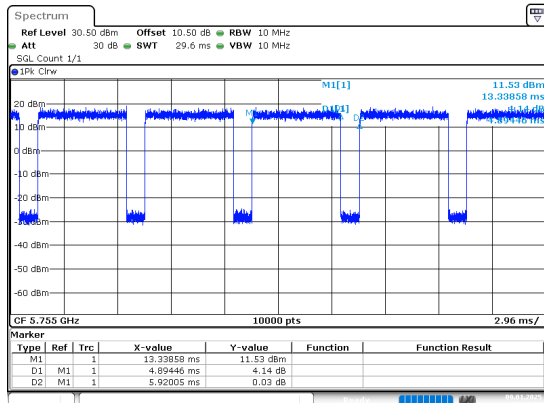
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802.11n20_5785MHz



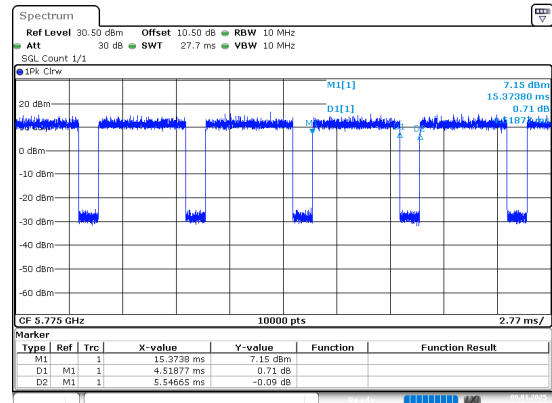
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802.11n40_5755MHz



ProjectNo.:2402Y100836E-RF Tester:Karl Liang
Date: 9.JAN.2025 22:26:12

802.11ac80_5775MHz



ProjectNo.:2402Y100836E-RF Tester:Karl Liang
Date: 9.JAN.2025 22:29:26

EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2402Y100836E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2402Y100836E-RF-INP EUT INTERNAL PHOTOGRAPHS.

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2402Y100836E-RF-00A-TSP TEST SETUP PHOTOGRAPHS.

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