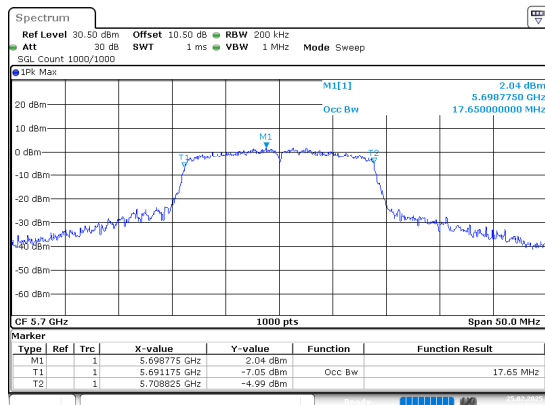
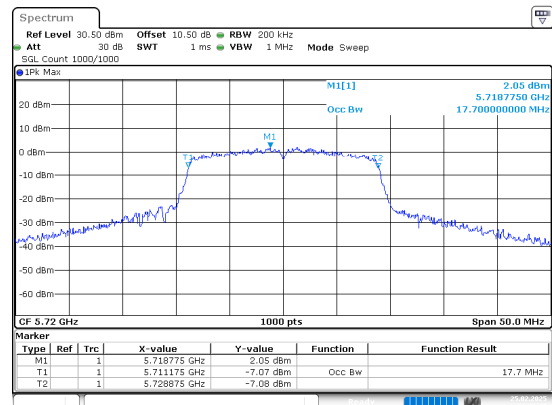


802.11n20_5700MHz



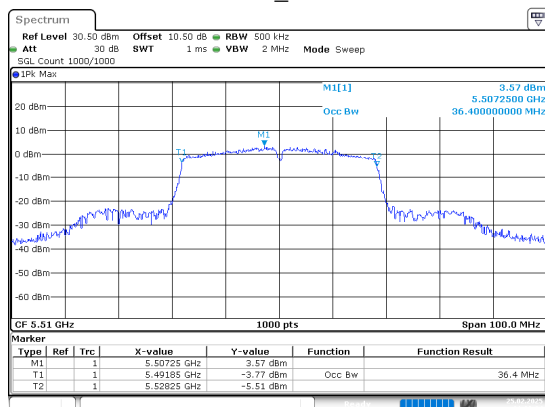
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802.11n20_5720MHz



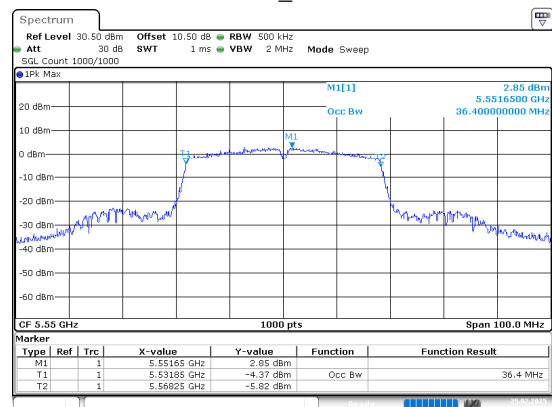
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802.11n40_5510MHz



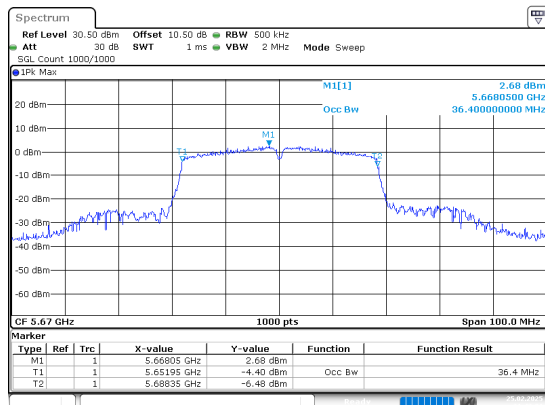
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802.11n40_5550MHz



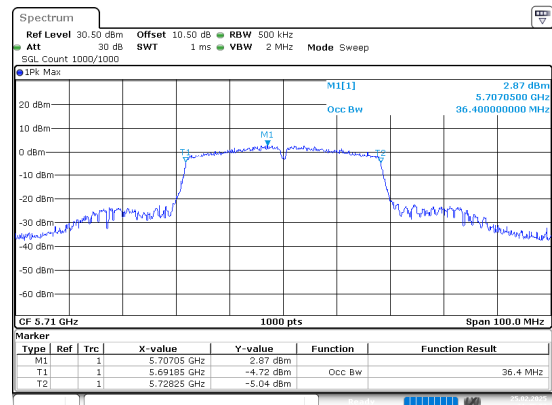
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802.11n40_5670MHz



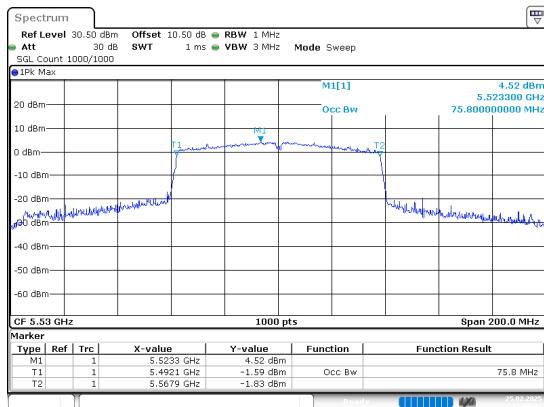
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802.11n40_5710MHz



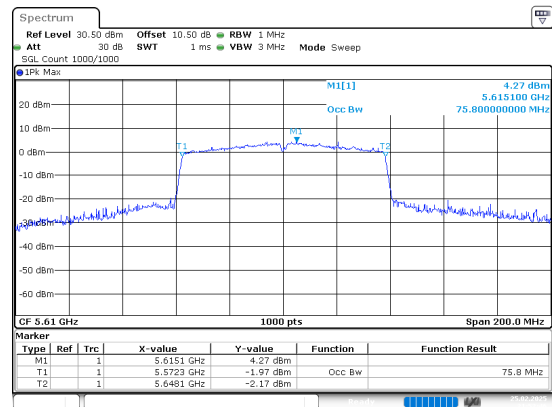
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802.11ac80_5530MHz



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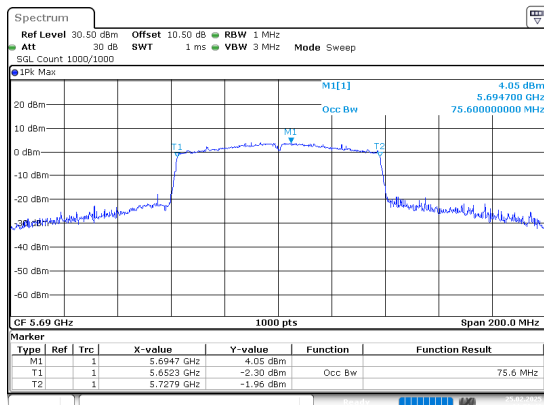
802.11ac80_5610MHz



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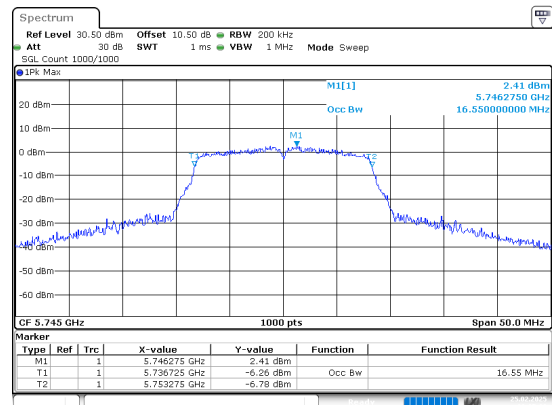
5725-5850MHz

802.11ac80_5690MHz



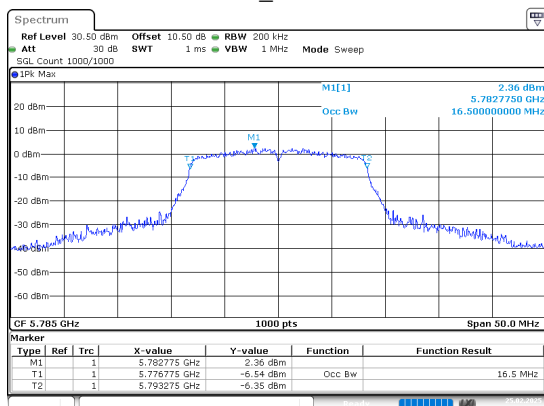
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802.11a_5745MHz



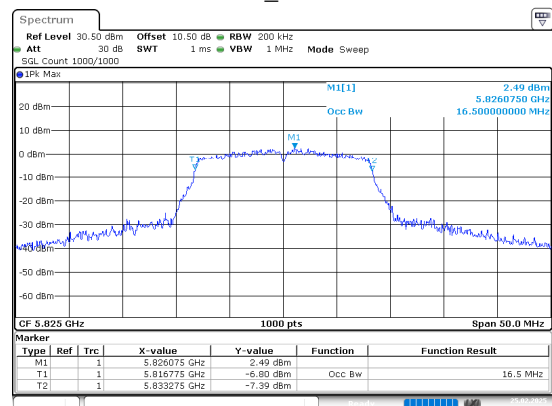
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802.11a_5785MHz



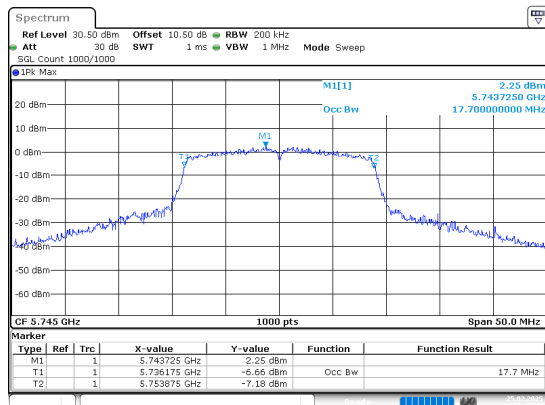
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802.11a_5825MHz



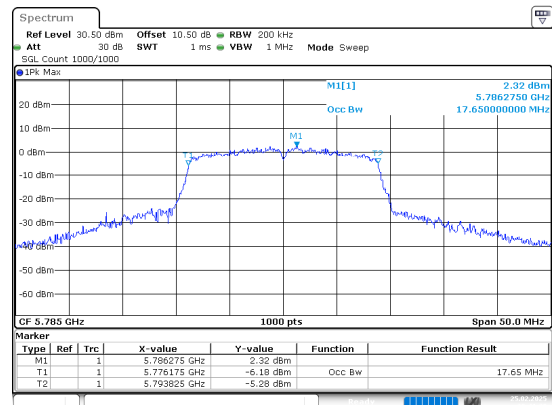
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802.11n20_5745MHz



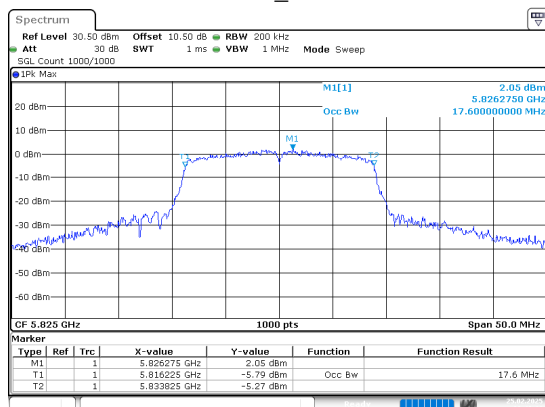
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802.11n20_5785MHz



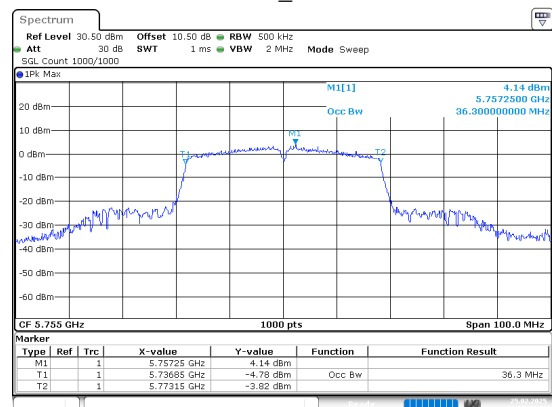
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802.11n20_5825MHz



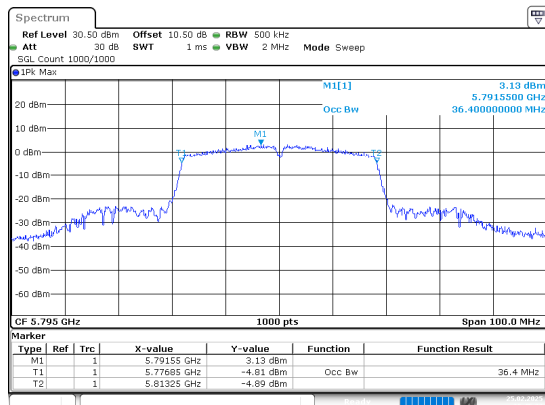
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802.11n40_5755MHz



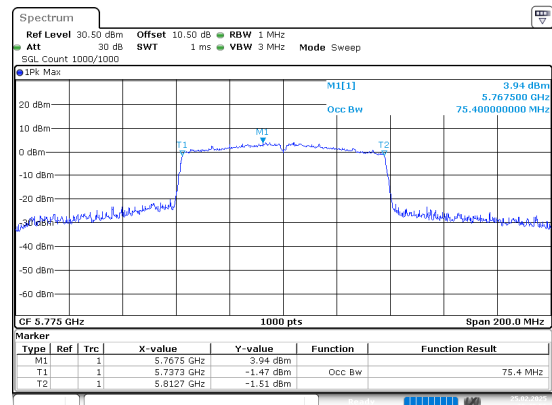
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802.11n40_5795MHz



ProjectNo.:2502Q44141E-RF Tester: Tower Qing
Date: 25.FEB.2025 20:45:33

802.11ac80_5775MHz



ProjectNo.:2502Q44141E-RF Tester: Tower Qing
Date: 25.FEB.2025 20:48:56

5.5 Maximum Conducted Output Power

Serial No.:	2YIJ-1	Test Date:	2025/02/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Tower Qing	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.2	Relative Humidity: (%)	42	ATM Pressure: (kPa)	102.1
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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
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	11.56	24	Pass
	5200	11.59	24	Pass
	5240	12.03	24	Pass
802.11n20	5180	11.37	24	Pass
	5200	11.48	24	Pass
	5240	11.93	24	Pass
802.11n40	5190	11.44	24	Pass
	5230	11.86	24	Pass
802.11ac80	5210	12.6	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	12.11	24	Pass
	5280	12.32	24	Pass
	5320	12.33	24	Pass
802.11n20	5260	12.07	24	Pass
	5280	12.28	24	Pass
	5320	12.31	24	Pass
802.11n40	5270	12.19	24	Pass
	5310	12.2	24	Pass
802.11ac80	5290	12.0	24	Pass

5470-5725MHz

Mode	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	5500	12.07	24	Pass
	5580	11.95	24	Pass
	5700	11.78	24	Pass
	5720	12.02	24	Pass
802.11n20	5500	11.86	24	Pass
	5580	11.68	24	Pass
	5700	11.41	24	Pass
	5720	11.8	24	Pass
802.11n40	5510	11.8	24	Pass
	5550	11.65	24	Pass
	5670	11.25	24	Pass
	5710	11.23	24	Pass
802.11ac80	5530	12.64	24	Pass
	5610	12.26	24	Pass
	5690	12.07	24	Pass

5725-5850MHz

Mode	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	5745	12.22	30	Pass
	5785	12.17	30	Pass
	5825	11.85	30	Pass
802.11n20	5745	12.04	30	Pass
	5785	12.11	30	Pass
	5825	11.75	30	Pass
802.11n40	5755	12.01	30	Pass
	5795	11.86	30	Pass
802.11ac80	5775	12.03	30	Pass

5.6 Power Spectral Density

Serial No.:	2YIJ-1	Test Date:	2025/02/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Tower Qing	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.2	Relative Humidity: (%)	42	ATM Pressure: (kPa)	102.1
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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	101461	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	1.40	0.21	1.61	11	Pass
	5200	1.34	0.21	1.55	11	Pass
	5240	1.90	0.21	2.11	11	Pass
802.11n20	5180	0.97	0.25	1.22	11	Pass
	5200	1.11	0.25	1.36	11	Pass
	5240	1.49	0.25	1.74	11	Pass
802.11n40	5190	-1.91	0.33	-1.58	11	Pass
	5230	-1.61	0.33	-1.28	11	Pass
802.11ac80	5210	-4.45	0.57	-3.88	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	1.89	0.21	2.10	11	Pass
	5280	2.29	0.21	2.50	11	Pass
	5320	2.01	0.21	2.22	11	Pass
802.11n20	5260	1.49	0.25	1.74	11	Pass
	5280	1.72	0.25	1.97	11	Pass
	5320	1.80	0.25	2.05	11	Pass
802.11n40	5270	-1.45	0.33	-1.12	11	Pass
	5310	-1.28	0.33	-0.95	11	Pass
802.11ac80	5290	-4.72	0.57	-4.15	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	1.93	0.21	2.14	11	Pass
	5580	1.69	0.21	1.90	11	Pass
	5700	1.41	0.21	1.62	11	Pass
	5720	2.28	0.21	2.49	11	Pass
802.11n20	5500	1.46	0.25	1.71	11	Pass
	5580	1.47	0.25	1.72	11	Pass
	5700	0.86	0.25	1.11	11	Pass
	5720	2.16	0.25	2.41	11	Pass
802.11n40	5510	-1.77	0.33	-1.44	11	Pass
	5550	-1.68	0.33	-1.35	11	Pass
	5670	-2.01	0.33	-1.68	11	Pass
	5710	-1.87	0.33	-1.54	11	Pass
802.11ac80	5530	-4.00	0.57	-3.43	11	Pass
	5610	-4.40	0.57	-3.83	11	Pass
	5690	-4.55	0.57	-3.98	11	Pass

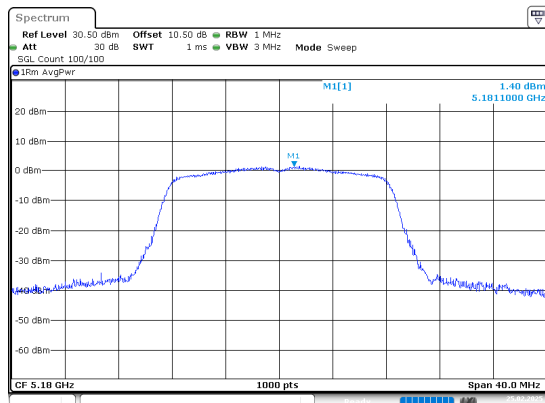
5725-5850MHz

Mode	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor(dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
802.11a	5745	-0.99	0.21	-0.78	30	Pass
	5785	-0.65	0.21	-0.44	30	Pass
	5825	-1.16	0.21	-0.95	30	Pass
802.11n20	5745	-1.26	0.25	-1.01	30	Pass
	5785	-1.27	0.25	-1.02	30	Pass
	5825	-1.56	0.25	-1.31	30	Pass
802.11n40	5755	-4.16	0.33	-3.83	30	Pass
	5795	-4.43	0.33	-4.10	30	Pass
802.11ac80	5775	-7.88	0.57	-7.31	30	Pass

Result = Reading + Duty Cycle Factor

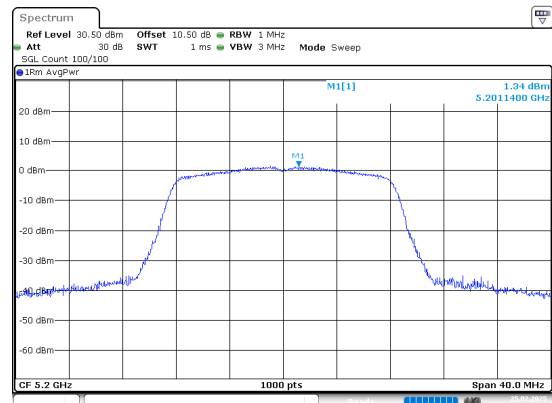
5150-5250MHz

802.11a_5180MHz



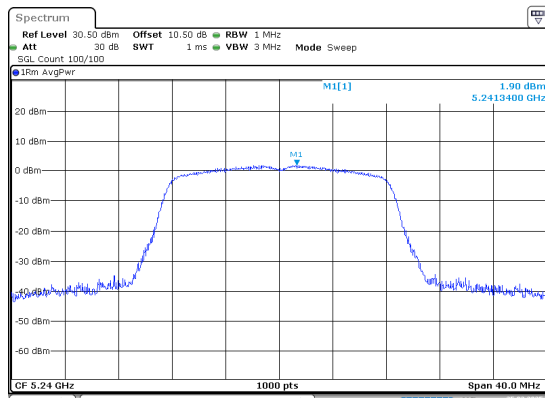
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Date: 25.FEB.2025 17:34:22

802.11a_5200MHz



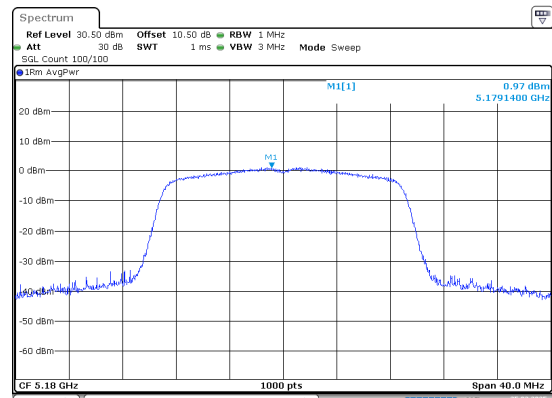
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802.11a_5240MHz



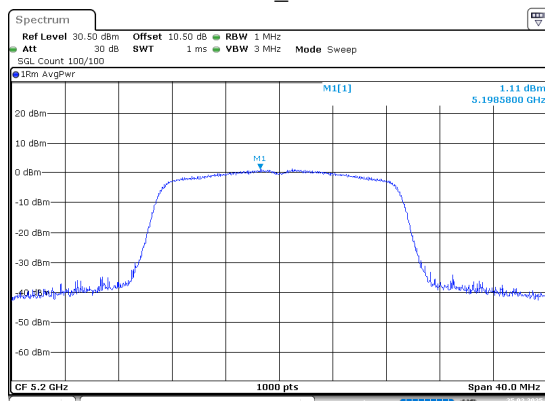
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802.11n20_5180MHz



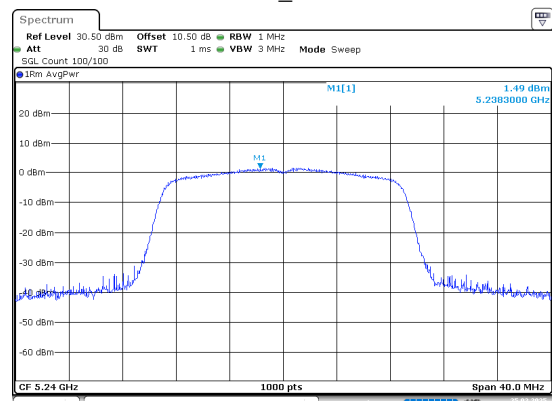
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802.11n20_5200MHz



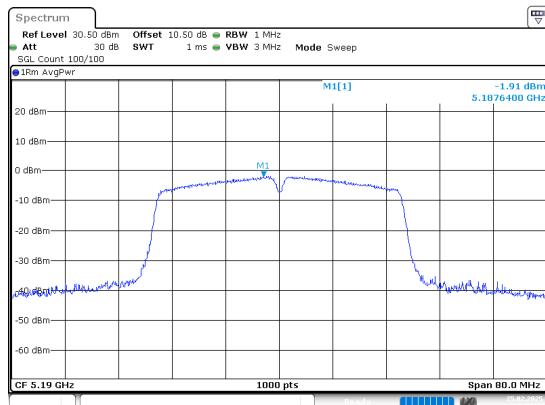
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802.11n20_5240MHz



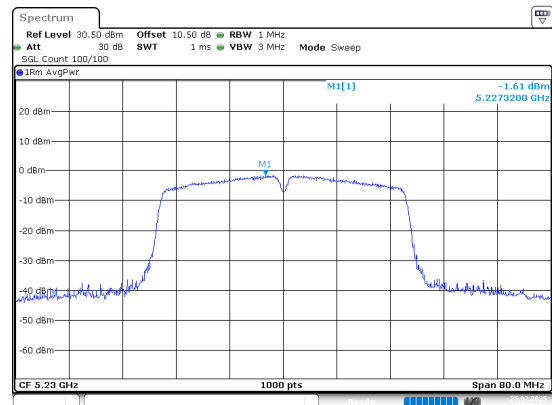
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802.11n40_5190MHz



ProjectNo.:2502Q44141E-RF Tester:Tower Qing
Date: 25.FEB.2025 17:54:52

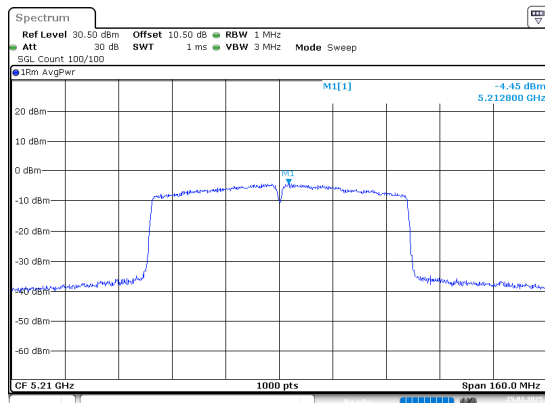
802.11n40_5230MHz



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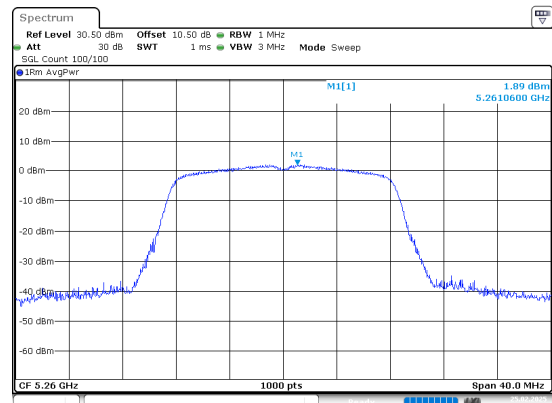
5250-5350MHz

802.11ac80_5210MHz



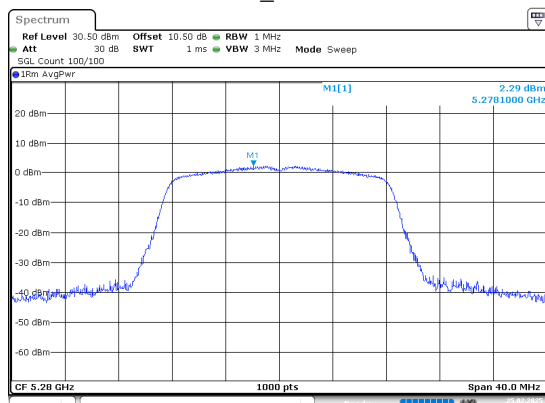
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Date: 25.FEB.2025 18:02:45

802.11a_5260MHz



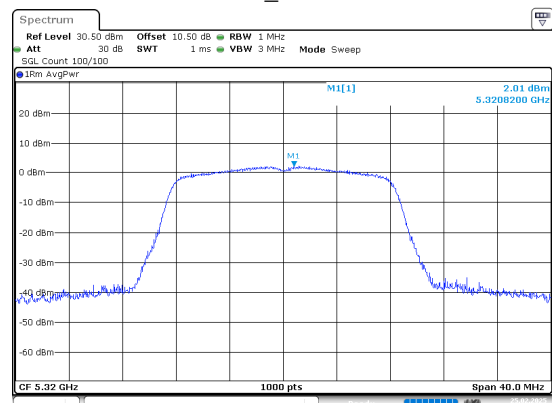
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802.11a_5280MHz



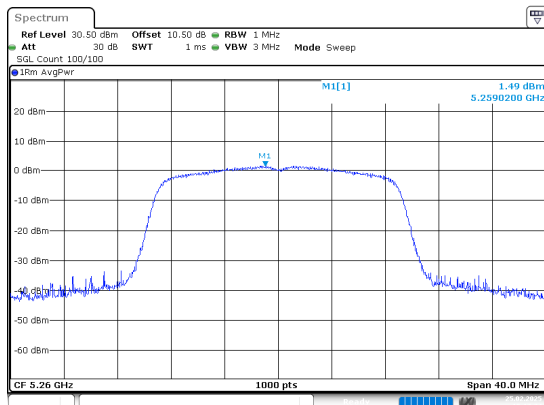
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802.11a_5320MHz



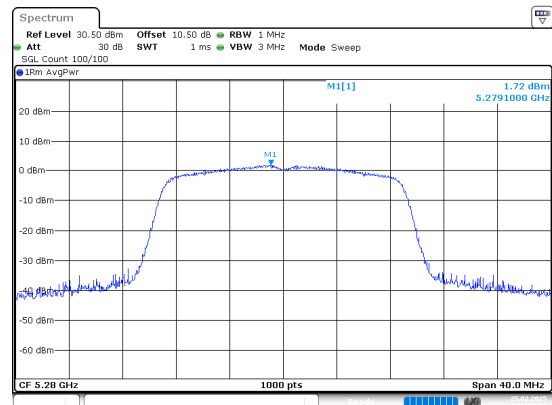
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802.11n20_5260MHz



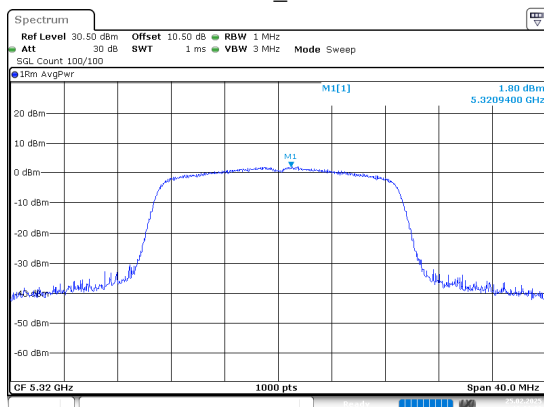
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802.11n20_5280MHz



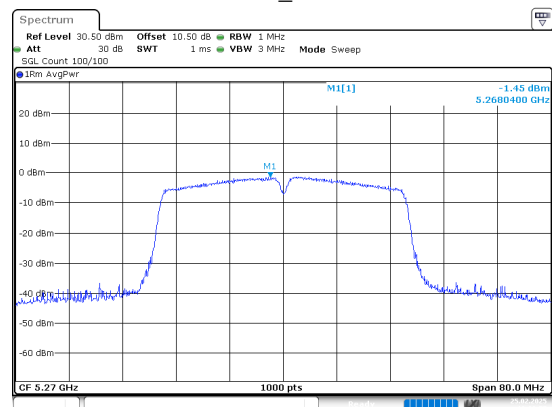
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802.11n20_5320MHz



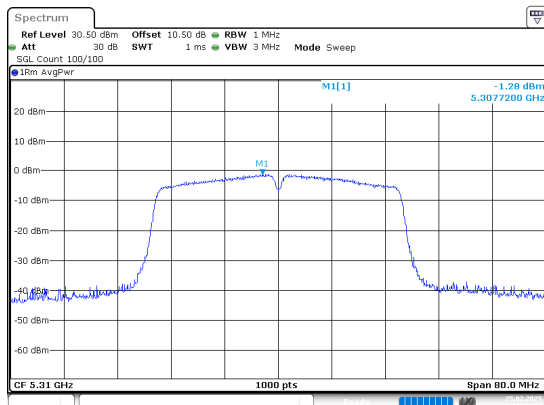
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802.11n40_5270MHz



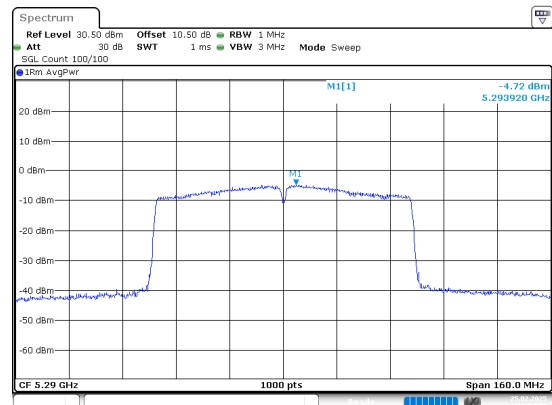
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802.11n40_5310MHz



ProjectNo.:2502Q44141E-RF Tester:Tower Qing
Date: 25.FEB.2025 18:24:45

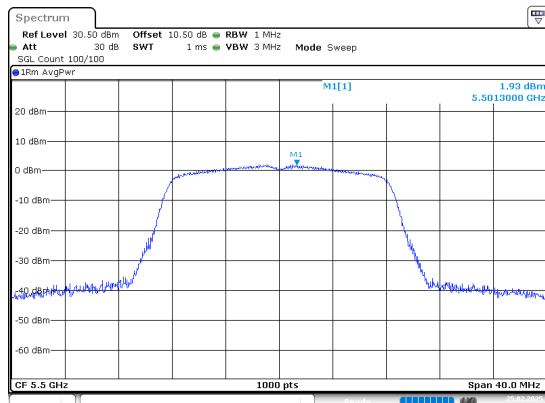
802.11ac80_5290MHz



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Date: 25.FEB.2025 18:27:27

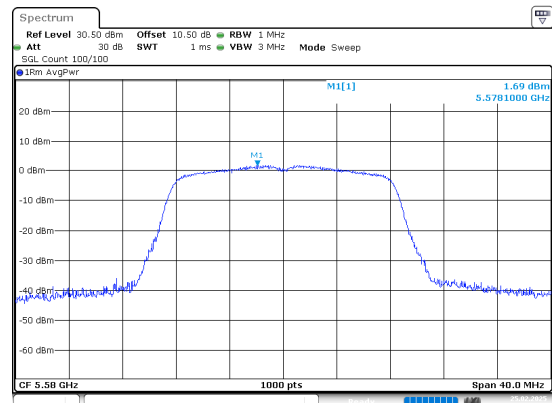
5470-5725MHz

802.11a_5500MHz



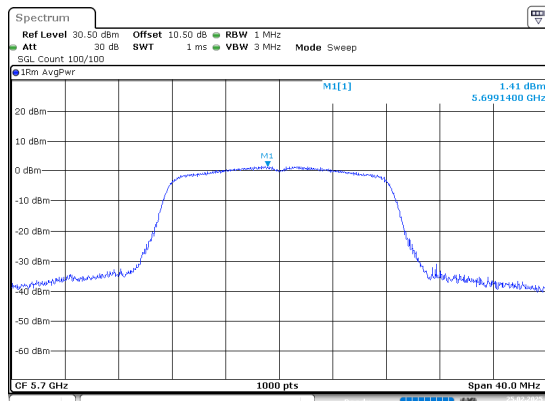
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802.11a_5580MHz



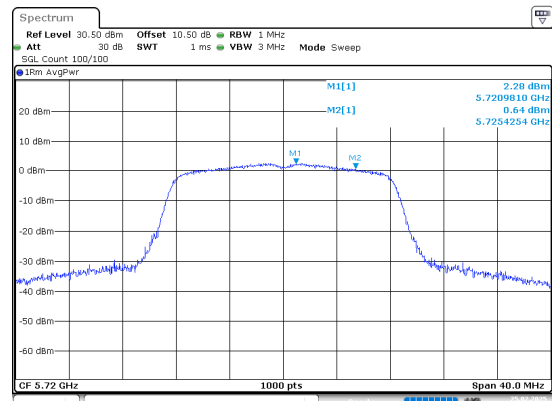
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Date: 25.FEB.2025 21:21:44

802.11a_5700MHz



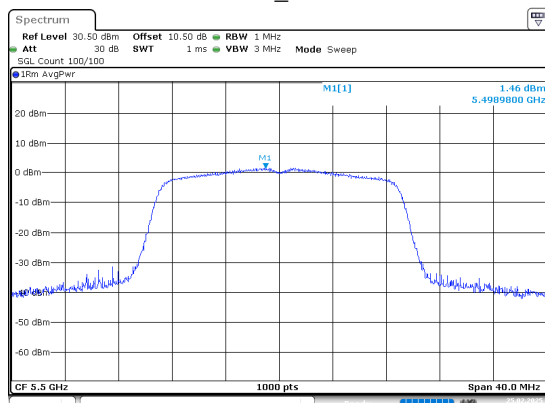
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Date: 25.FEB.2025 21:23:02

802.11a_5720MHz



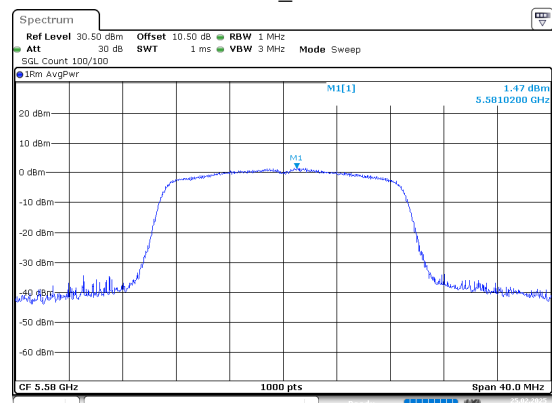
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802.11n20_5500MHz



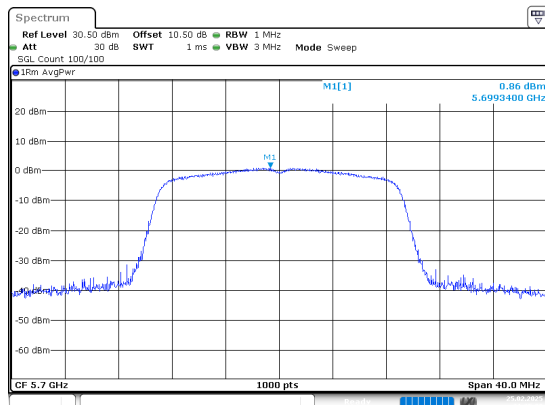
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802.11n20_5580MHz



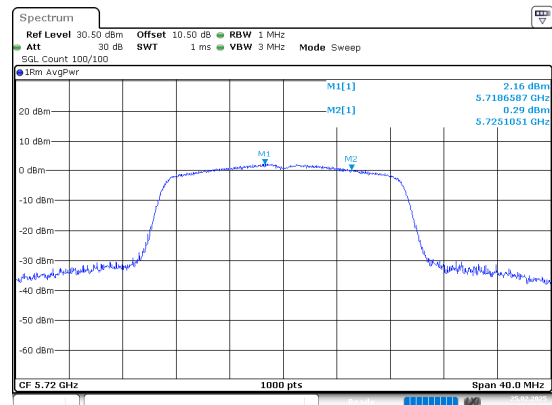
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Date: 25.FEB.2025 21:33:15

802.11n20_5700MHz



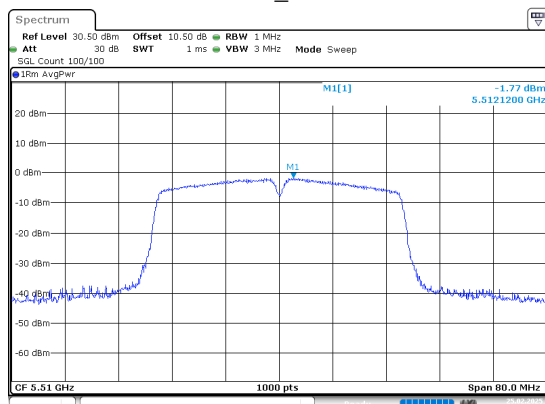
ProjectNo.:2502Q44141E-RF Tester:Tower Qing
Date: 25.FEB.2025 21:38:09

802.11n20_5720MHz



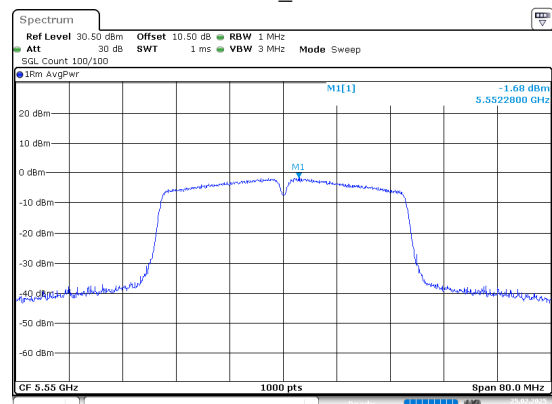
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Date: 25.FEB.2025 21:37:59

802.11n40_5510MHz



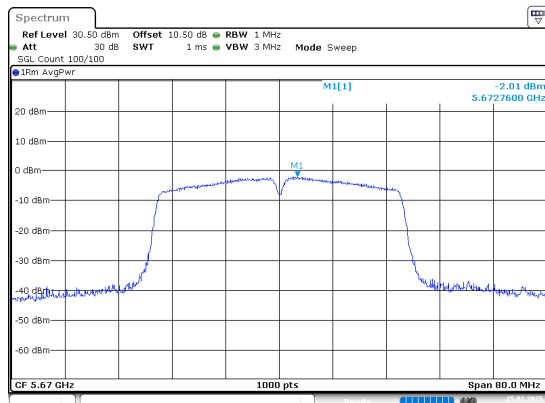
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802.11n40_5550MHz



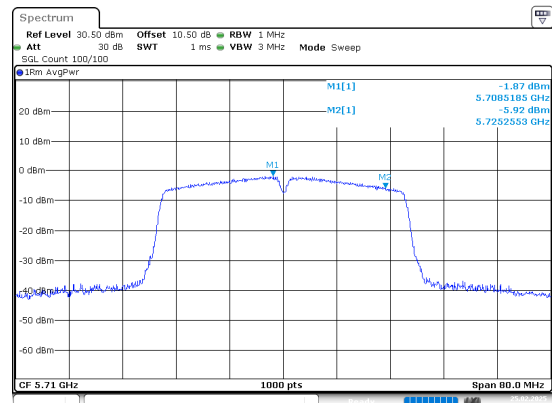
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Date: 25.FEB.2025 21:40:53

802.11n40_5670MHz



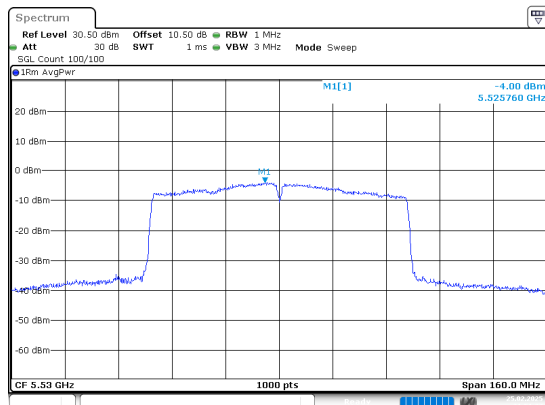
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Date: 25.FEB.2025 21:43:27

802.11n40_5710MHz



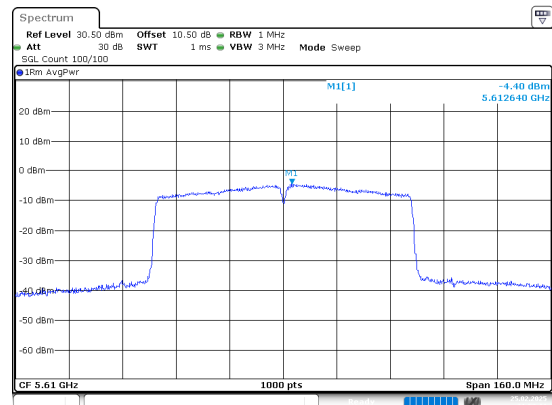
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Date: 25.FEB.2025 21:45:47

802.11ac80_5530MHz



ProjectNo.:2502Q44141E-RF Tester:Tower Qing
Date: 25.FEB.2025 21:51:37

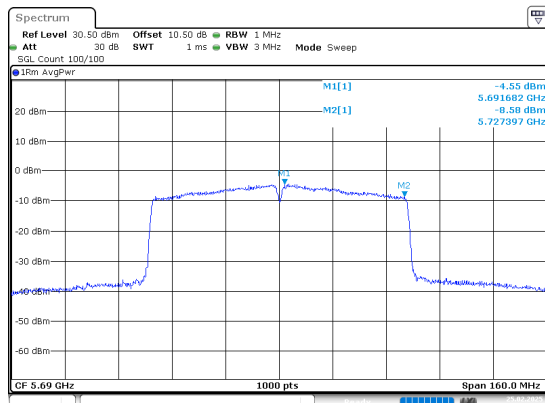
802.11ac80_5610MHz



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Date: 25.FEB.2025 21:53:12

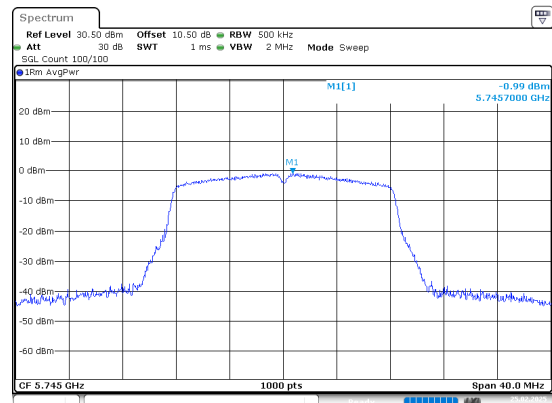
5725-5850MHz

802.11ac80_5690MHz



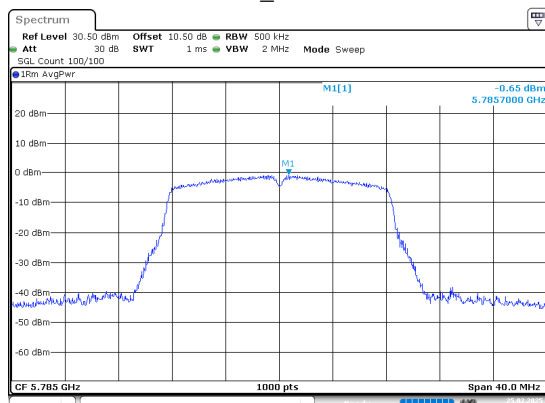
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802.11a_5745MHz



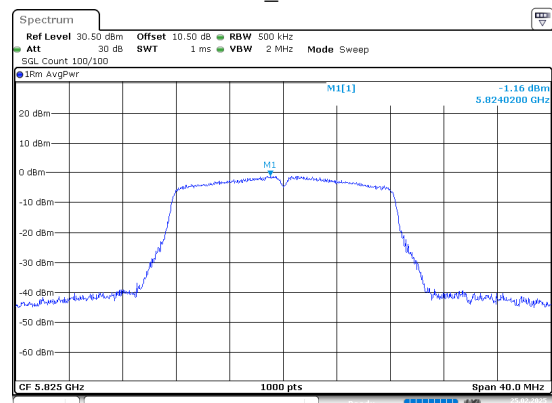
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Date: 25.FEB.2025 20:35:26

802.11a_5785MHz



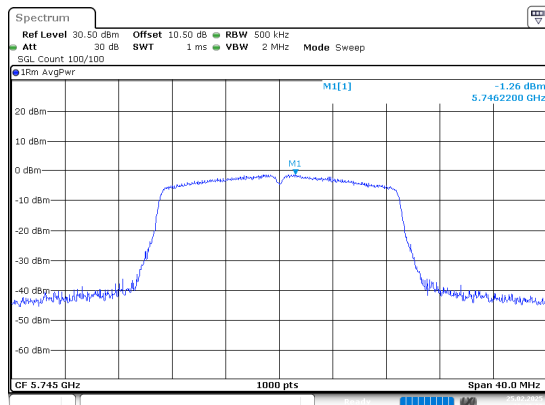
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Date: 25.FEB.2025 20:37:10

802.11a_5825MHz



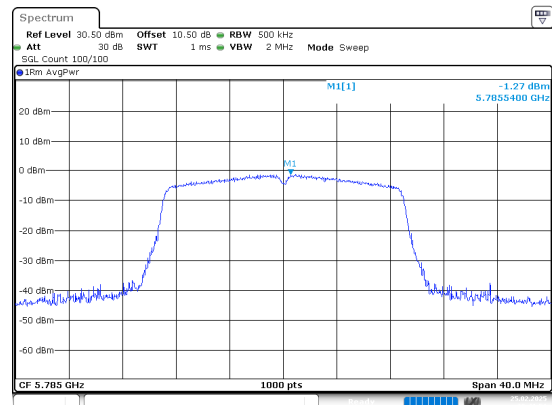
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Date: 25.FEB.2025 20:38:33

802.11n20_5745MHz



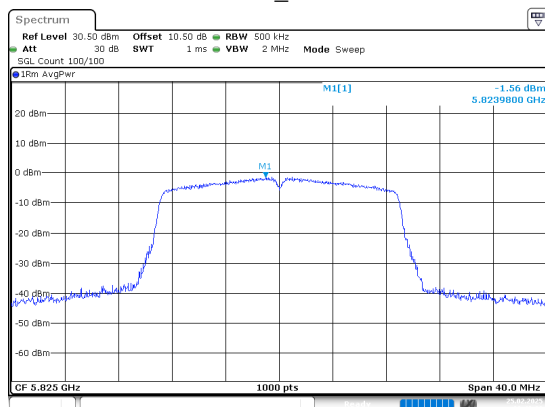
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802.11n20_5785MHz



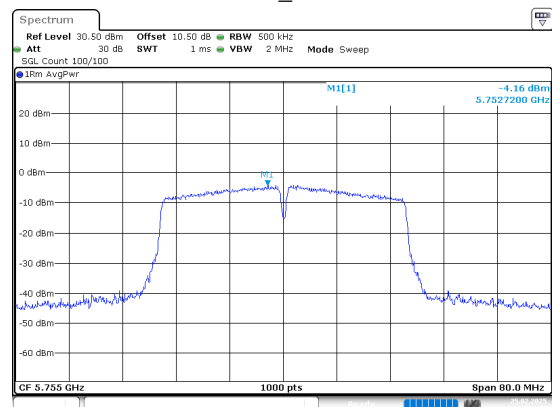
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802.11n20_5825MHz



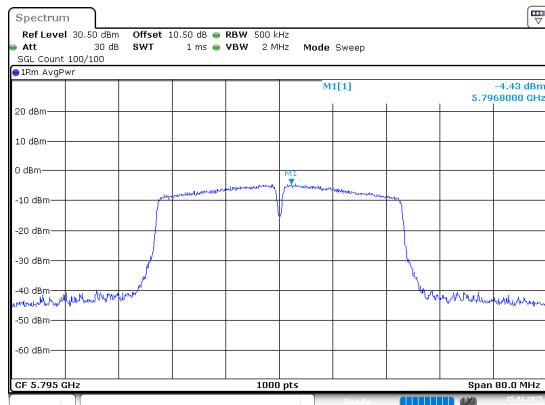
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Date: 25.FEB.2025 20:43:33

802.11n40_5755MHz



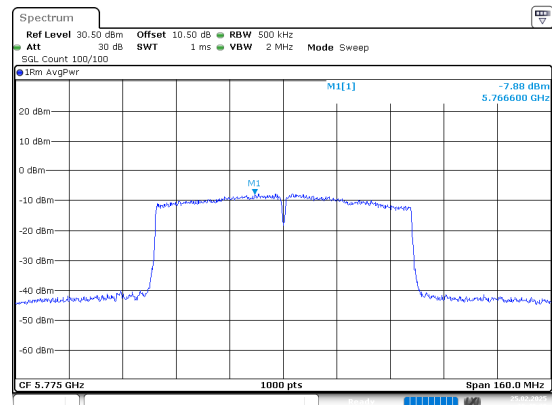
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Date: 25.FEB.2025 20:44:47

802.11n40_5795MHz



ProjectNo.:2502Q44141E-RF Tester: Tower Qing
Date: 25.FEB.2025 20:45:55

802.11ac80_5775MHz



ProjectNo.:2502Q44141E-RF Tester: Tower Qing
Date: 25.FEB.2025 20:49:39

5.7 Duty Cycle

Serial No.:	2YIJ-1	Test Date:	2025/02/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Tower Qing	Test Result:	/

Environmental Conditions:

Temperature: (°C)	25.2	Relative Humidity: (%)	42	ATM Pressure: (kPa)	102.1
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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	101461	2024/09/05	2025/09/04

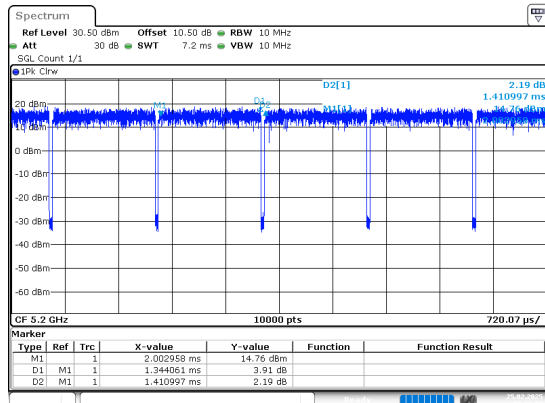
* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

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	1.344	1.411	95.25	0.21	744	1
802.11n20	5200	1.259	1.333	94.45	0.25	794	1
802.11n40	5190	0.626	0.675	92.74	0.33	1597	2
802.11ac80	5210	0.323	0.368	87.77	0.57	3096	5

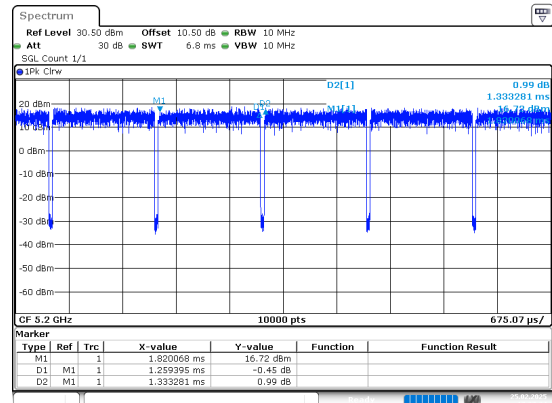
Duty Cycle = Ton/(Ton+Toff)*100%

802.11a_5200MHz



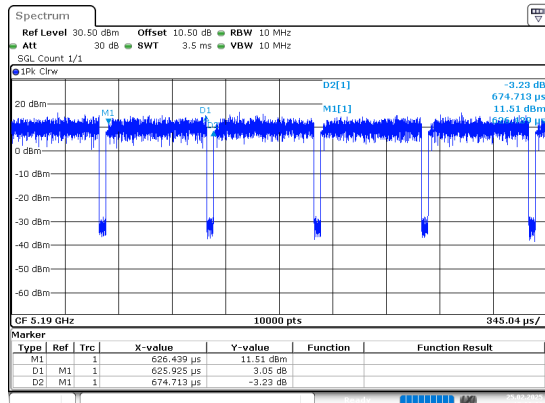
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Date: 25.FEB.2025 17:26:03

802.11n20_5200MHz



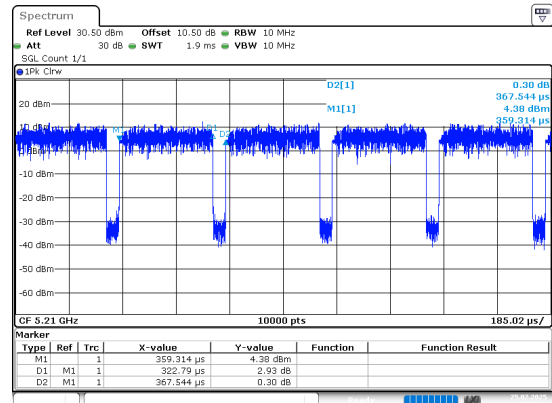
ProjectNo.:2502Q44141E-RF Tester:Tower Qing
Date: 25.FEB.2025 17:27:25

802.11n40_5190MHz



ProjectNo.:2502Q44141E-RF Tester:Tower Qing
Date: 25.FEB.2025 17:29:23

802.11ac80_5210MHz



ProjectNo.:2502Q44141E-RF Tester:Tower Qing
Date: 25.FEB.2025 17:30:33

EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2502Q44141E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2502Q44141E-RF-INP EUT INTERNAL PHOTOGRAPHS.

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2502Q44141E-RF-00D-TSP TEST SETUP PHOTOGRAPHS.

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