

Maximum Conducted Output Power

5150-5250MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5180	14.59	24	Pass
	5200	14.37	24	Pass
	5240	16.08	24	Pass
802.11ac20	5180	14.41	24	Pass
	5200	14.26	24	Pass
	5240	15.97	24	Pass
802.11ac40	5190	10.29	24	Pass
	5230	11.35	24	Pass
802.11ac80	5210	9.29	24	Pass

5250-5350MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5260	15.8	24	Pass
	5300	16.64	24	Pass
	5320	16.55	24	Pass
802.11ac20	5260	15.69	24	Pass
	5300	16.6	24	Pass
	5320	16.44	24	Pass
802.11ac40	5270	11.81	24	Pass
	5310	12.75	24	Pass
802.11ac80	5290	12.07	24	Pass

5470-5725MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5500	5.51	24	Pass
	5580	6.73	24	Pass
	5700	7.83	24	Pass
802.11ac20	5500	5.49	24	Pass
	5580	6.77	24	Pass
	5700	7.92	24	Pass
802.11ac40	5510	4.82	24	Pass

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11ac40	5550	4.91	24	Pass
	5670	7.94	24	Pass
802.11ac80	5530	4.33	24	Pass
	5610	7.04	24	Pass

5725-5850MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5745	16.74	30	Pass
	5785	16.92	30	Pass
	5825	17.26	30	Pass
802.11ac20	5745	16.73	30	Pass
	5785	16.74	30	Pass
	5825	17.44	30	Pass
802.11ac40	5755	16.48	30	Pass
	5795	16.88	30	Pass
802.11ac80	5775	16.6	30	Pass

Power Spectral Density

5150-5250MHz

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	5180	3.16	0.44	3.60	11	Pass
	5200	2.92	0.44	3.36	11	Pass
	5240	4.88	0.44	5.32	11	Pass
802.11ac20	5180	2.82	0.55	3.37	11	Pass
	5200	2.76	0.55	3.31	11	Pass
	5240	4.42	0.55	4.97	11	Pass
802.11ac40	5190	-4.60	0.97	-3.63	11	Pass
	5230	-3.68	0.97	-2.71	11	Pass
802.11ac80	5210	-9.86	1.85	-8.01	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	4.32	0.46	4.78	11	Pass
	5300	5.48	0.46	5.94	11	Pass
	5320	5.07	0.46	5.53	11	Pass
802.11ac20	5260	3.92	0.53	4.45	11	Pass
	5300	4.90	0.53	5.43	11	Pass
	5320	4.65	0.53	5.18	11	Pass
802.11ac40	5270	-2.95	1.11	-1.84	11	Pass
	5310	-2.52	1.11	-1.41	11	Pass
802.11ac80	5290	-6.74	1.73	-5.01	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	-5.76	0.46	-5.30	11	Pass
	5580	-4.73	0.46	-4.27	11	Pass
	5700	-3.45	0.46	-2.99	11	Pass
802.11ac20	5500	-6.25	0.59	-5.66	11	Pass
	5580	-4.92	0.59	-4.33	11	Pass
	5700	-3.81	0.59	-3.22	11	Pass
802.11ac40	5510	-10.25	1.00	-9.25	11	Pass

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ac40	5550	-10.27	1.00	-9.27	11	Pass
	5670	-7.76	1.00	-6.76	11	Pass
802.11ac80	5530	-14.11	1.73	-12.38	11	Pass
	5610	-11.72	1.73	-9.99	11	Pass

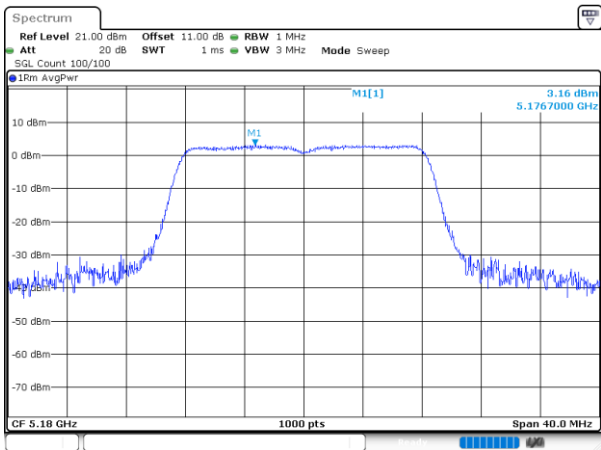
5725-5850MHz

Mode	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor(dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
802.11a	5745	2.34	0.47	2.81	30	Pass
	5785	2.53	0.47	3.00	30	Pass
	5825	2.89	0.47	3.36	30	Pass
802.11ac20	5745	2.33	0.51	2.84	30	Pass
	5785	2.08	0.51	2.59	30	Pass
	5825	2.80	0.51	3.31	30	Pass
802.11ac40	5755	-1.45	0.97	-0.48	30	Pass
	5795	-0.76	0.97	0.21	30	Pass
802.11ac80	5775	-4.88	1.85	-3.03	30	Pass

Result = Reading + Duty Cycle Factor

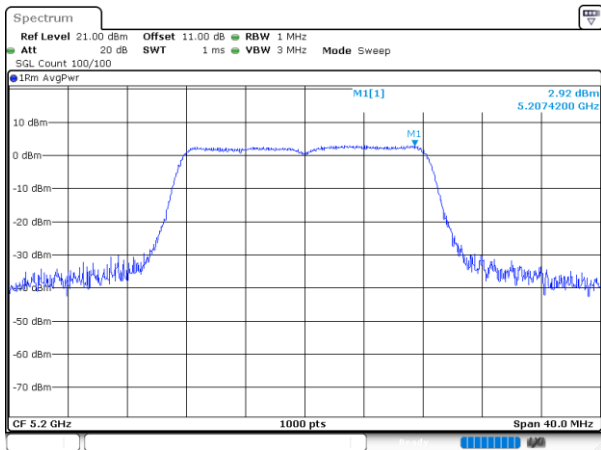
5150-5250MHz

802.11a_5180MHz



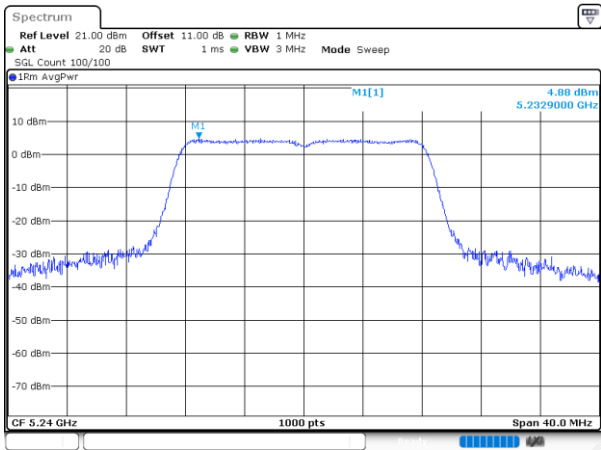
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802.11a_5200MHz



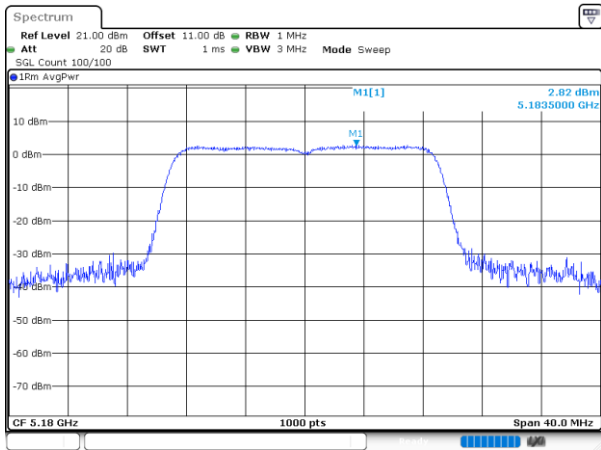
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802.11a_5240MHz



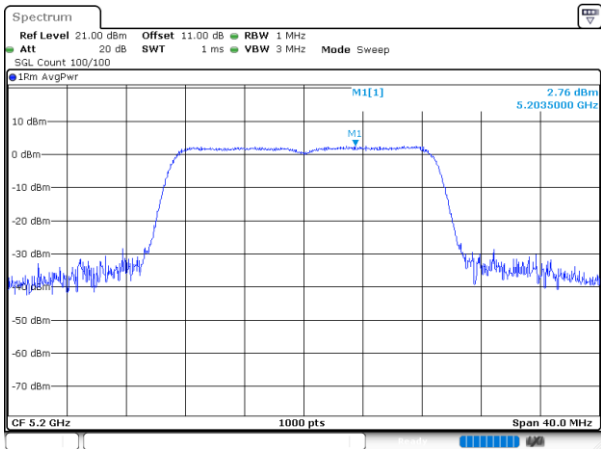
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802.11ac20_5180MHz



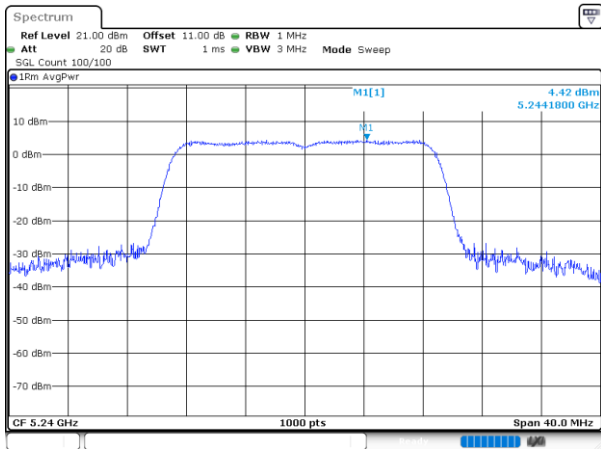
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802.11ac20_5200MHz



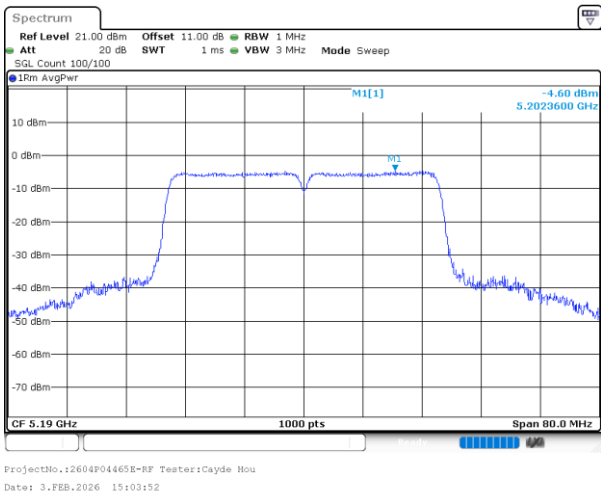
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802.11ac20_5240MHz

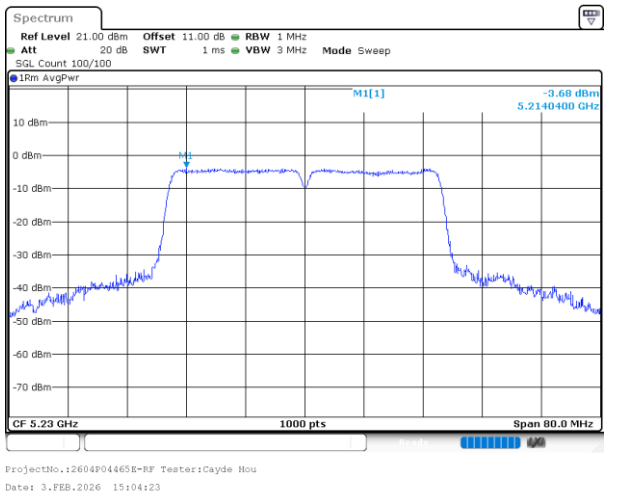


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802.11ac40_5190MHz

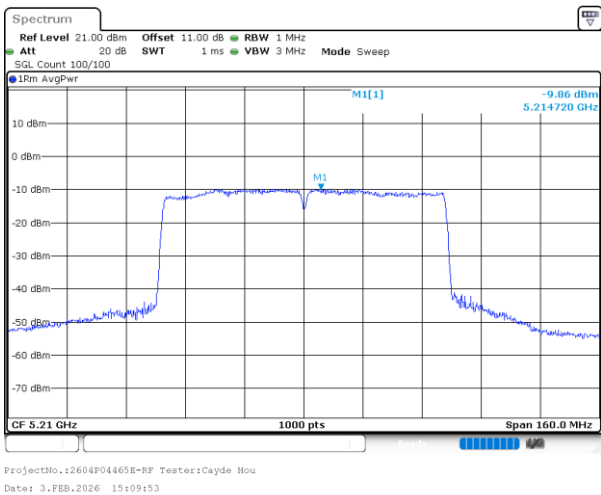


802.11ac40_5230MHz

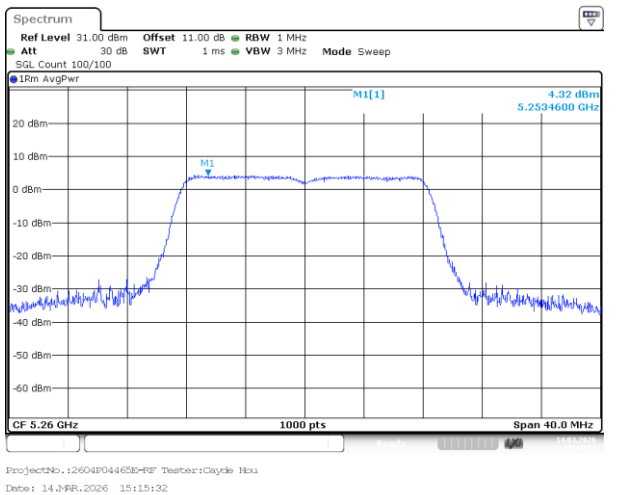


5250-5350MHz

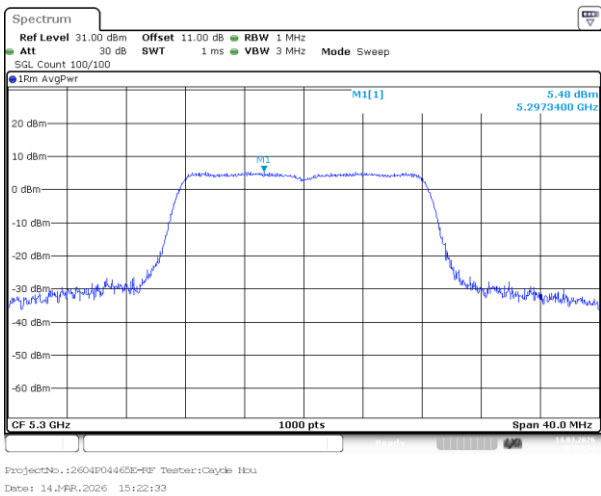
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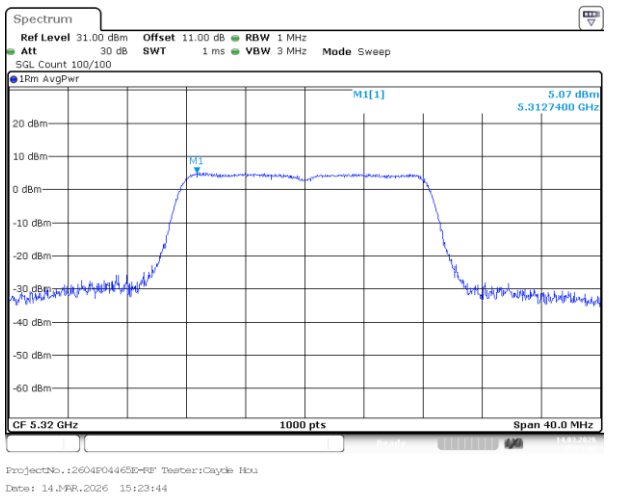
802.11a_5260MHz



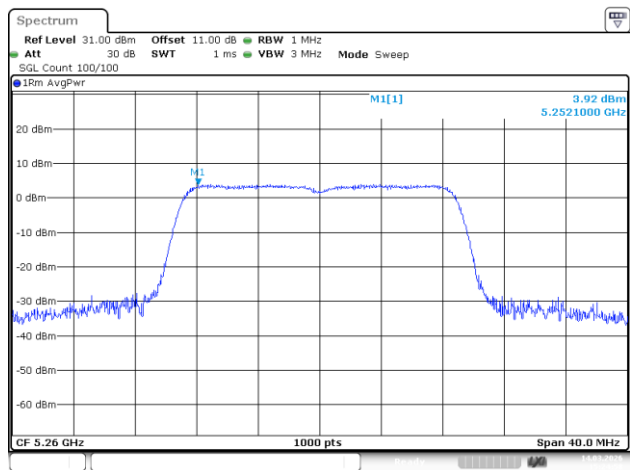
802.11a_5300MHz



802.11a_5320MHz

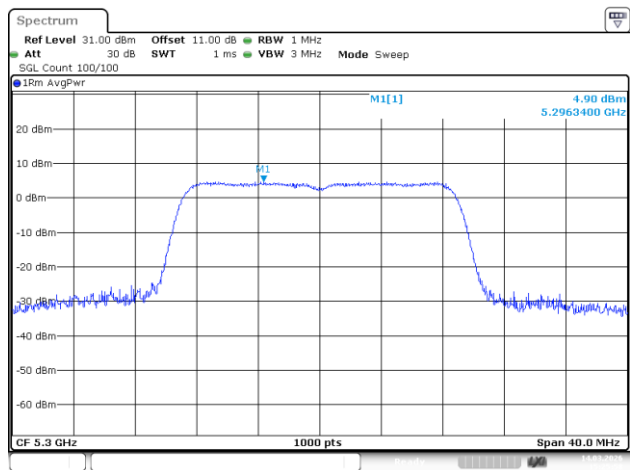


802.11ac20_5260MHz



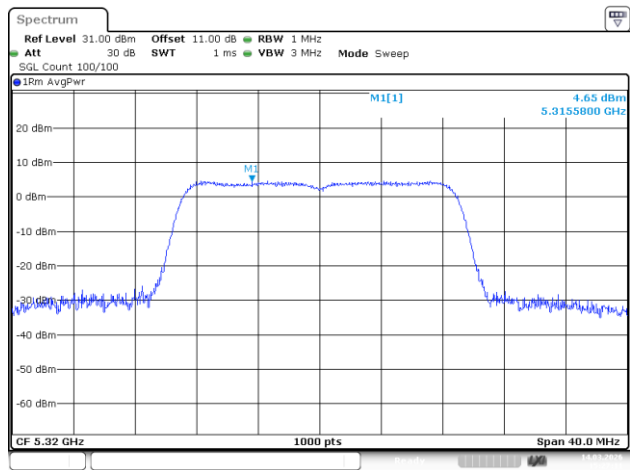
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802.11ac20_5300MHz



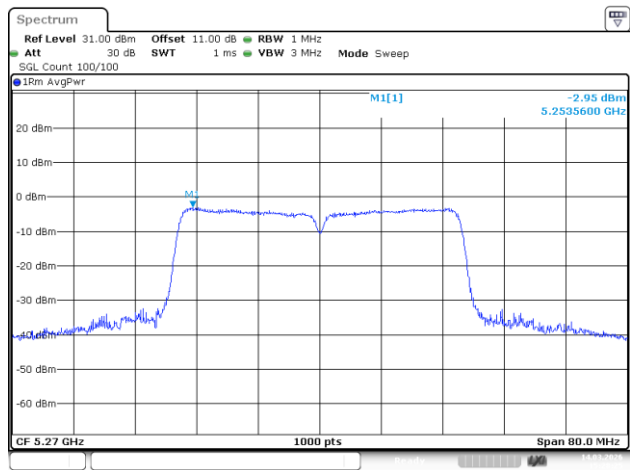
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802.11ac20_5320MHz



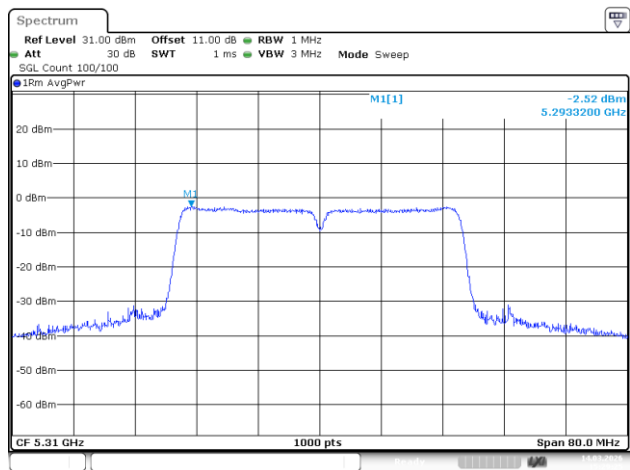
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802.11ac40_5270MHz



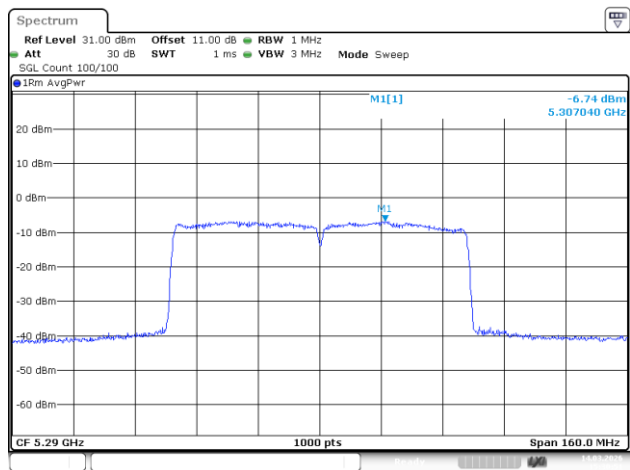
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802.11ac40_5310MHz



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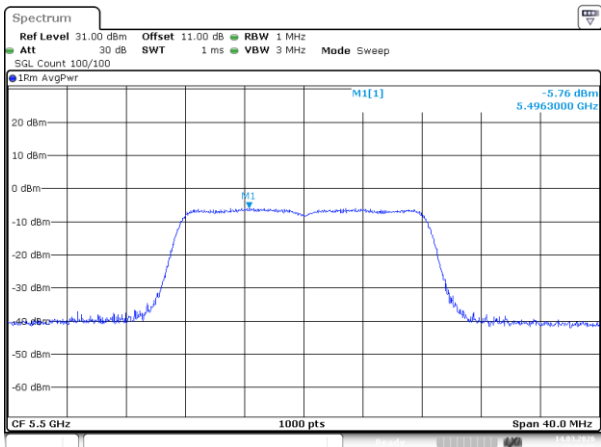
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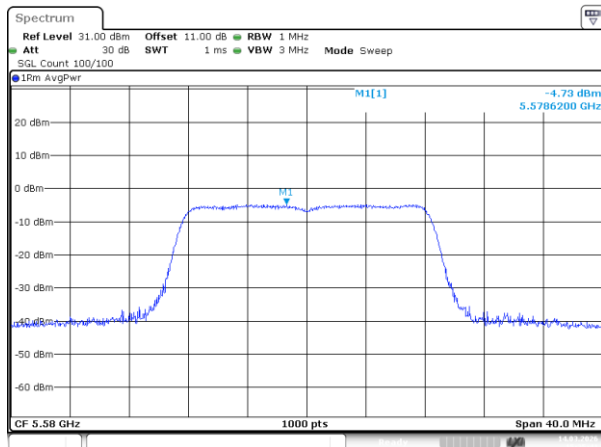
5470-5725MHz

802.11a_5500MHz



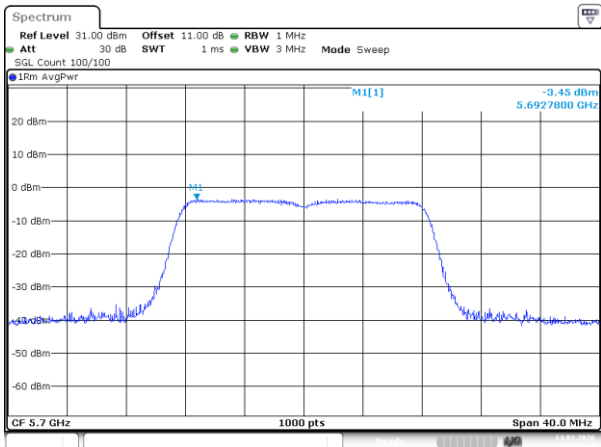
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802.11a_5580MHz



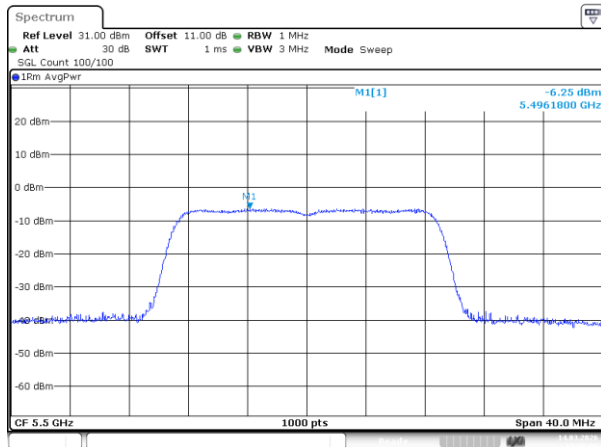
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802.11a_5700MHz



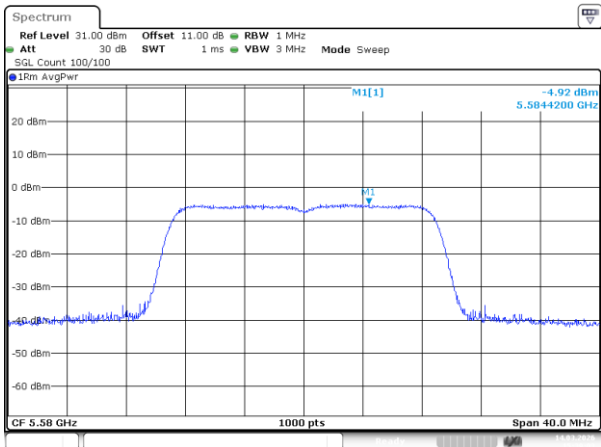
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802.11ac20_5500MHz



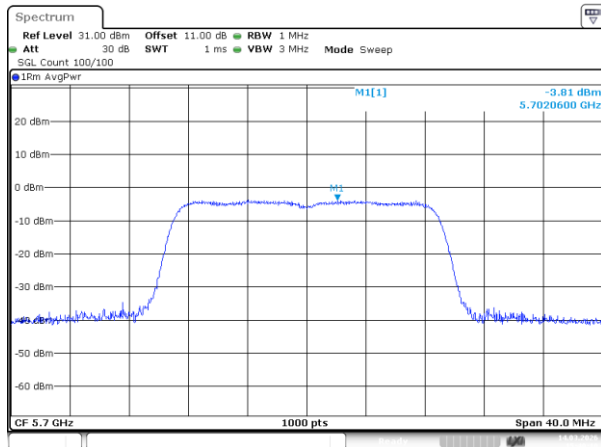
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802.11ac20_5580MHz



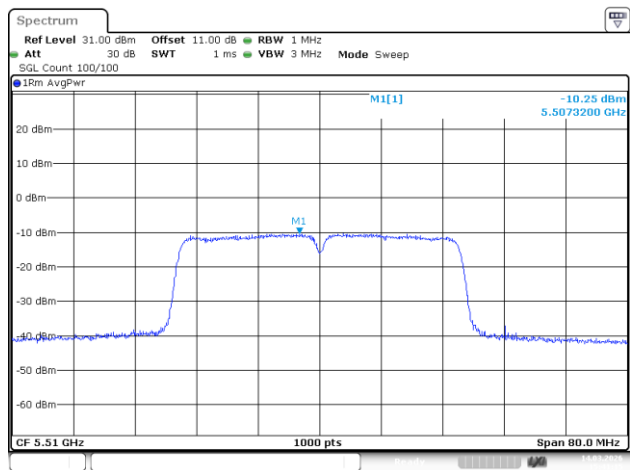
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802.11ac20_5700MHz



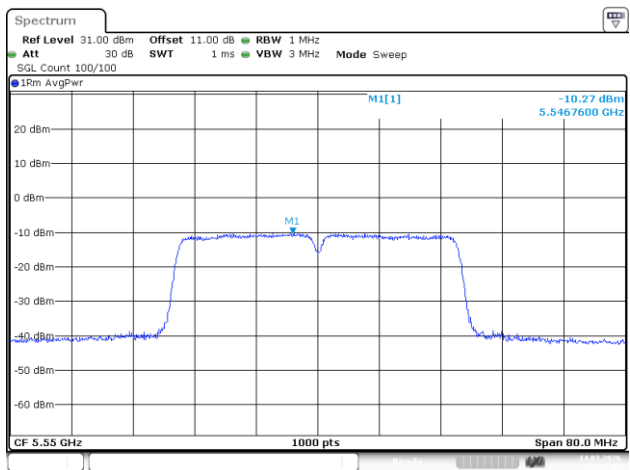
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802.11ac40_5510MHz



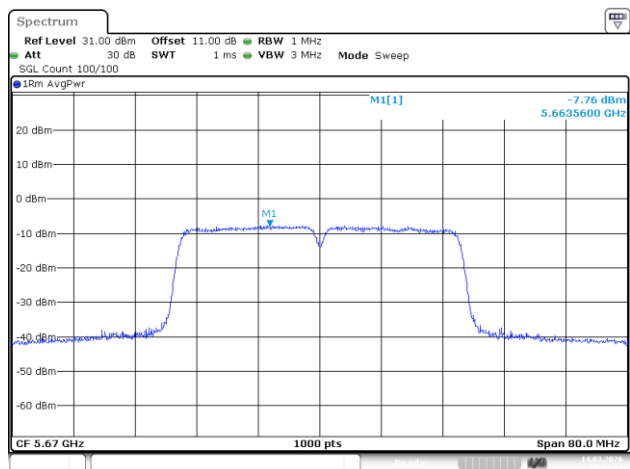
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802.11ac40_5550MHz



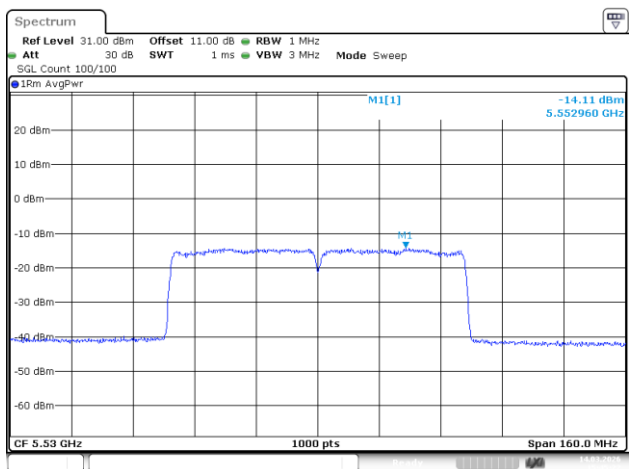
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802.11ac40_5670MHz



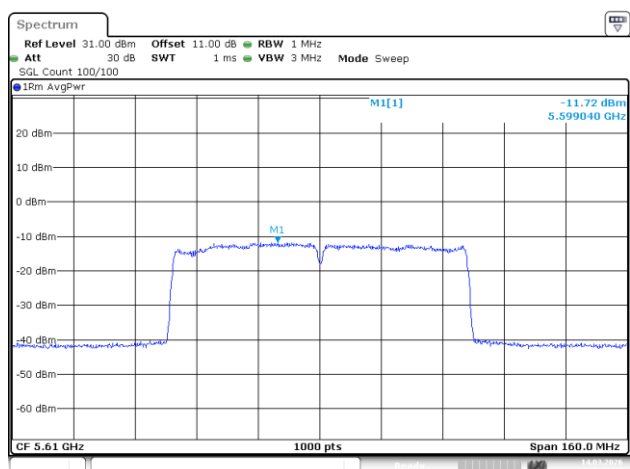
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802.11ac80_5530MHz



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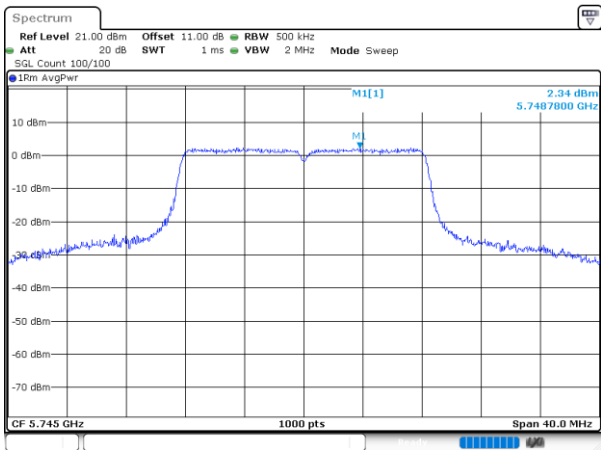
802.11ac80_5610MHz



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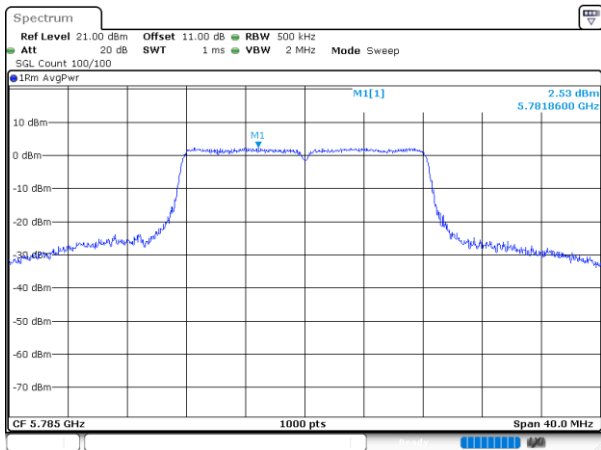
5725-5850MHz

802.11a_5745MHz



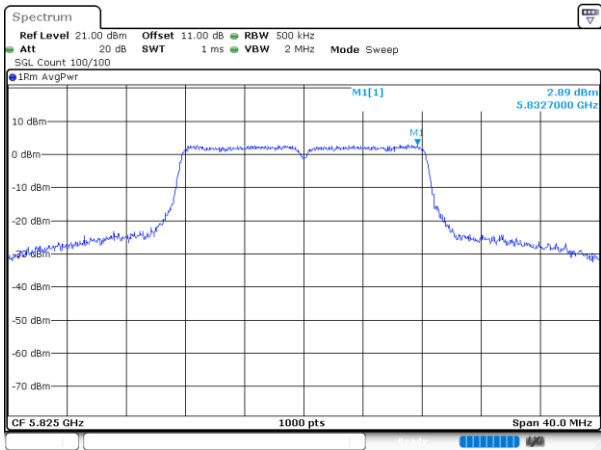
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802.11a_5785MHz



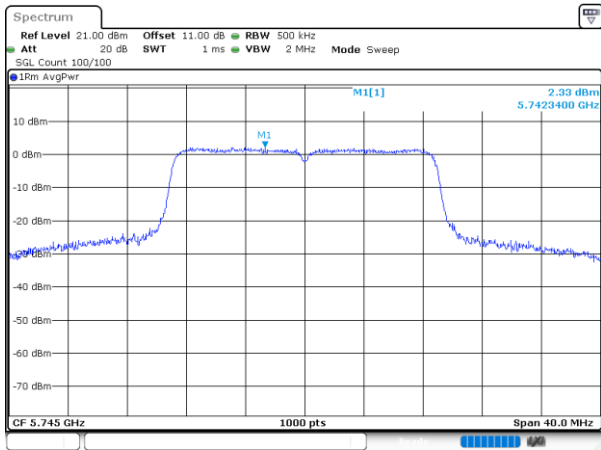
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802.11a_5825MHz



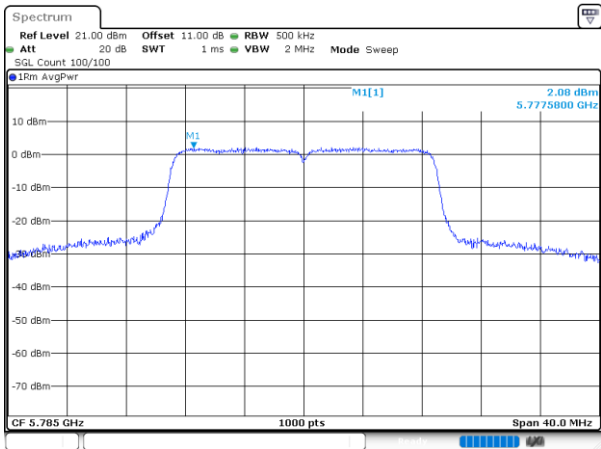
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802.11ac20_5745MHz



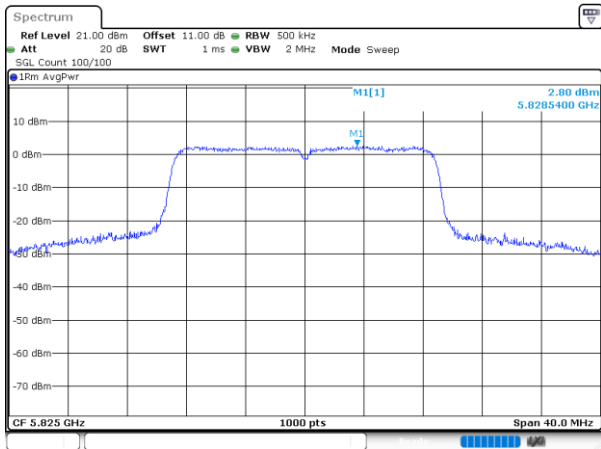
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802.11ac20_5785MHz



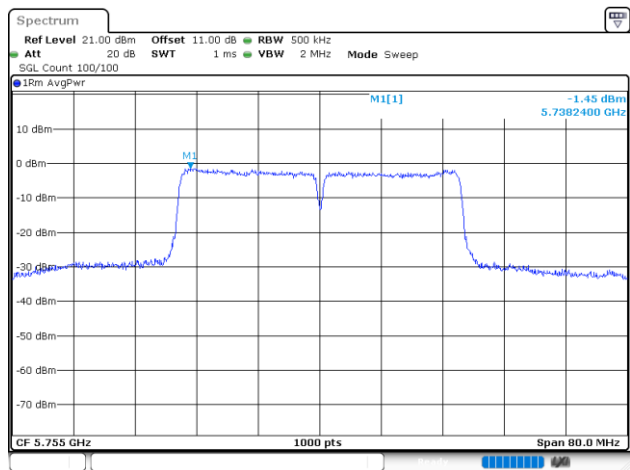
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802.11ac20_5825MHz



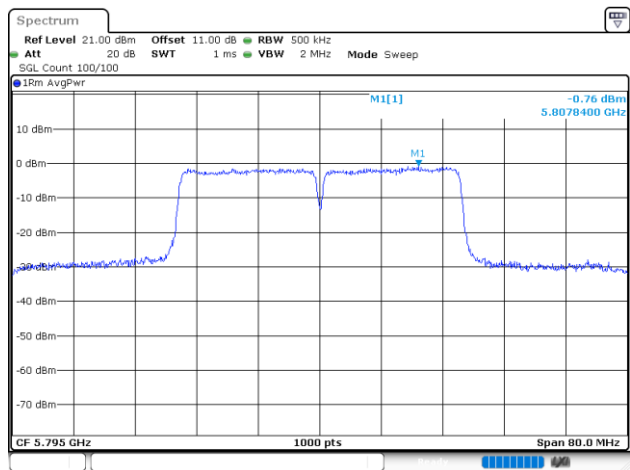
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802.11ac40_5755MHz



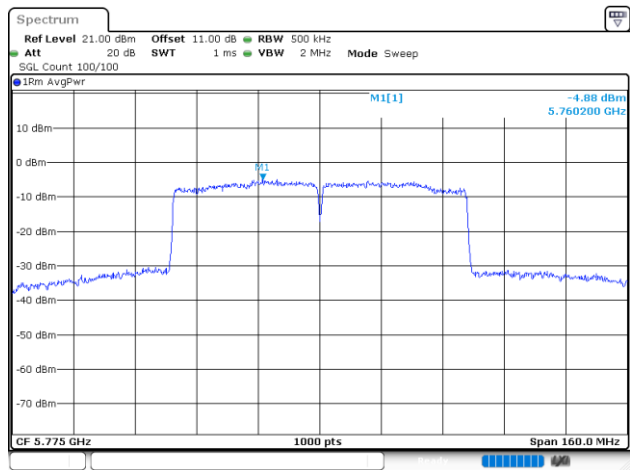
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802.11ac40_5795MHz



ProjectNo.:2604P04465E-RF Tester:Cayde Hou
Date: 3.FEB.2026 15:08:38

802.11ac80_5775MHz



ProjectNo.:2604P04465E-RF Tester:Cayde Hou
Date: 3.FEB.2026 15:14:18

Duty Cycle

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	1.345	1.489	90.33	0.44	743	1
802.11ac20	5200	1.152	1.307	88.14	0.55	868	1
802.11ac40	5190	0.579	0.724	79.97	0.97	1727	2
802.11ac80	5210	0.288	0.441	65.31	1.85	3472	5

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	5300	1.389	1.543	90.02	0.46	720	1
802.11ac20	5300	1.171	1.324	88.44	0.53	854	1
802.11ac40	5270	0.590	0.761	77.53	1.11	1695	2
802.11ac80	5290	0.295	0.439	67.20	1.73	3390	5

5470-5725MHz

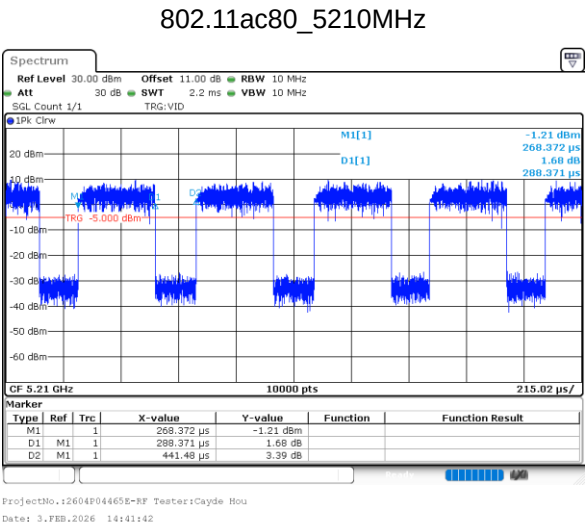
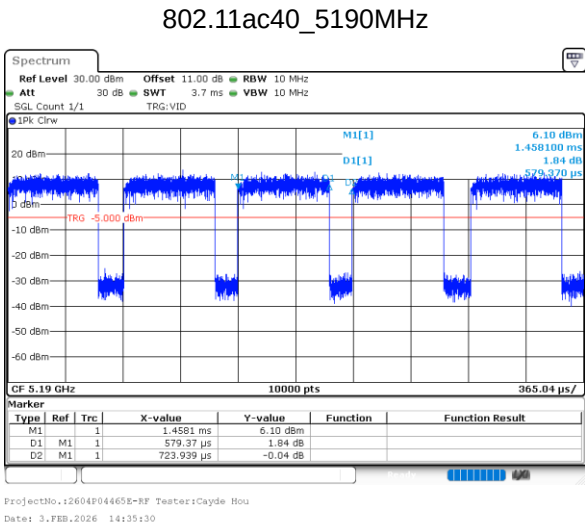
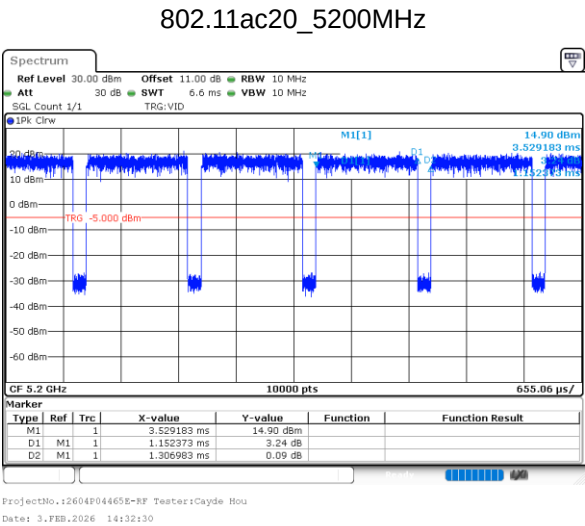
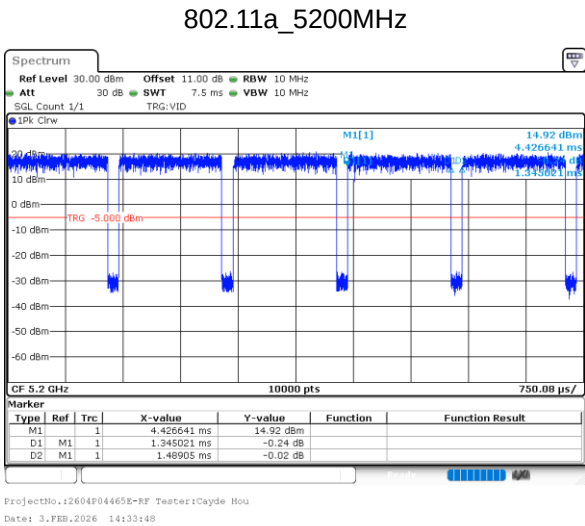
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802.11a	5580	1.384	1.538	89.99	0.46	723	1
802.11ac20	5580	1.181	1.353	87.29	0.59	847	1
802.11ac40	5550	0.590	0.743	79.41	1.00	1695	2
802.11ac80	5610	0.295	0.439	67.20	1.73	3390	5

5725-5850MHz

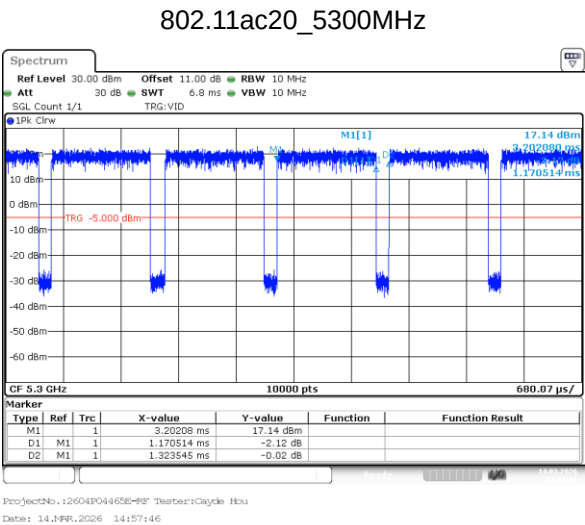
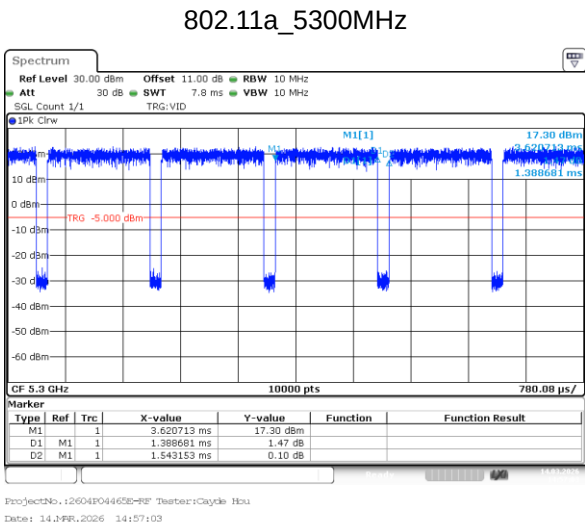
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802.11a	5785	1.354	1.508	89.79	0.47	739	1
802.11ac20	5785	1.153	1.298	88.83	0.51	867	1
802.11ac40	5755	0.579	0.724	79.97	0.97	1727	2
802.11ac80	5775	0.288	0.441	65.31	1.85	3472	5

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

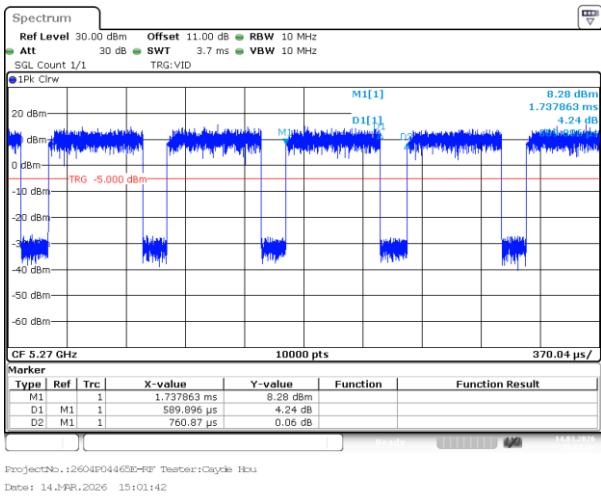
5150-5250MHz



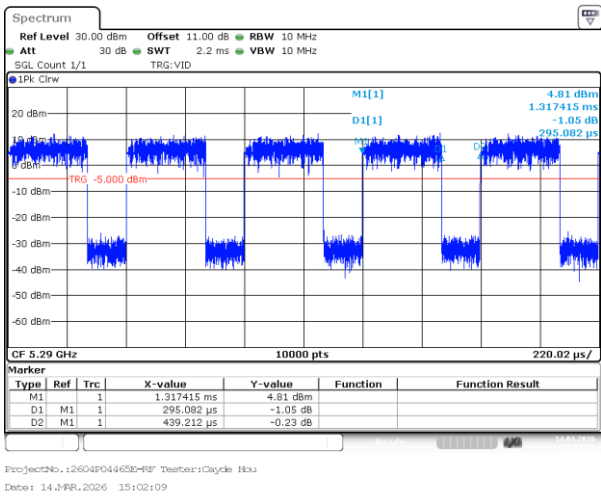
5250-5350MHz



802.11ac40_5270MHz

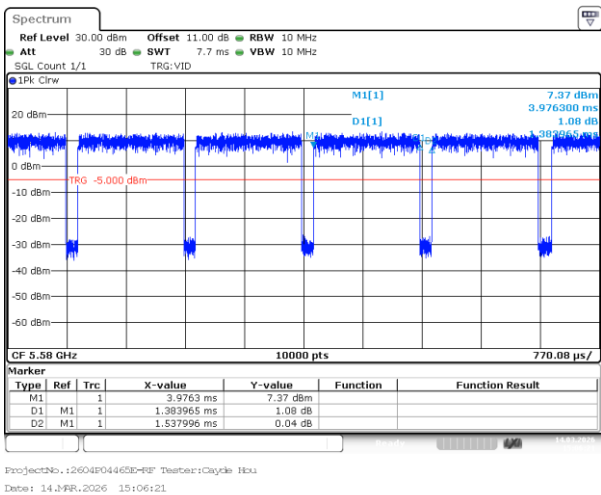


802.11ac80_5290MHz

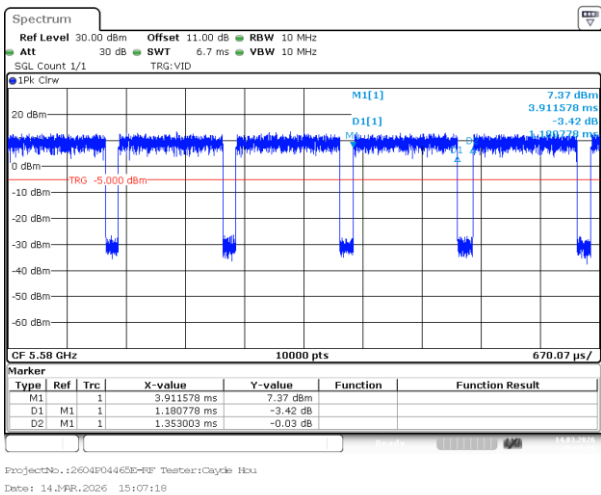


5470-5725MHz

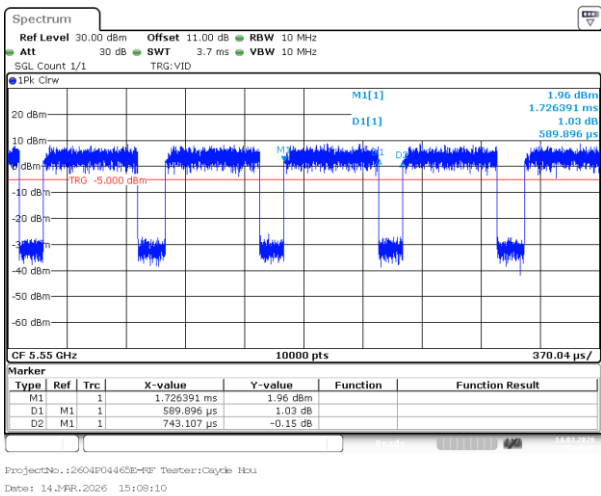
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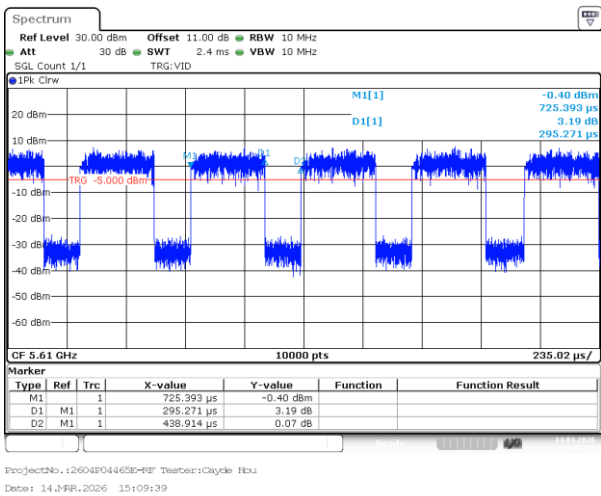
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802.11ac40_5550MHz

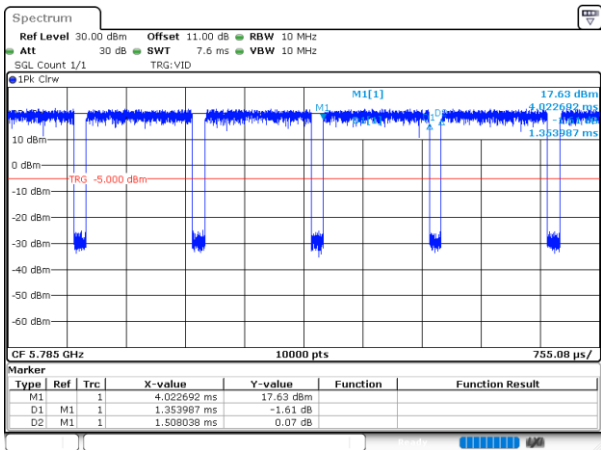


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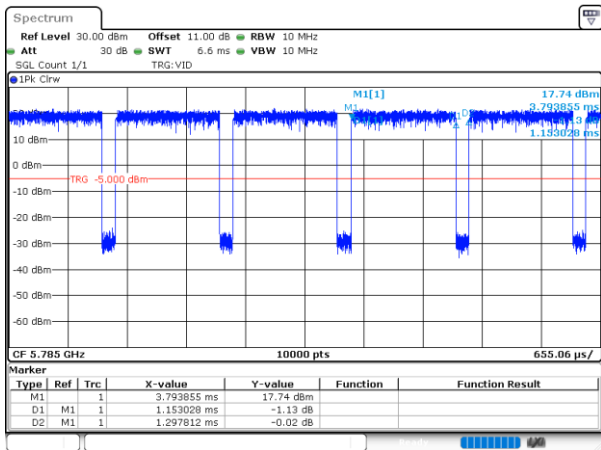
5725-5850MHz

802.11a_5785MHz



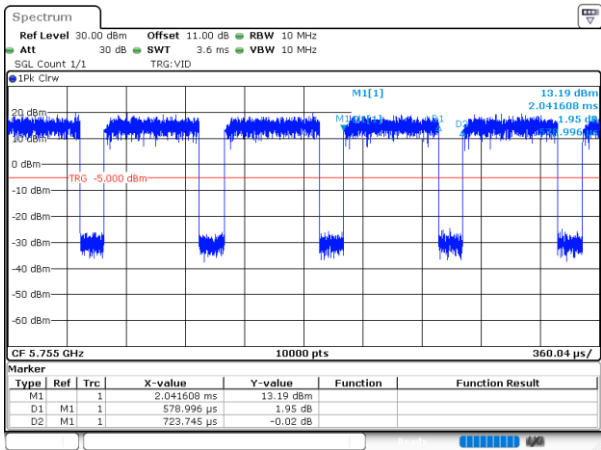
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Date: 3.FEB.2026 14:34:35

802.11ac20_5785MHz



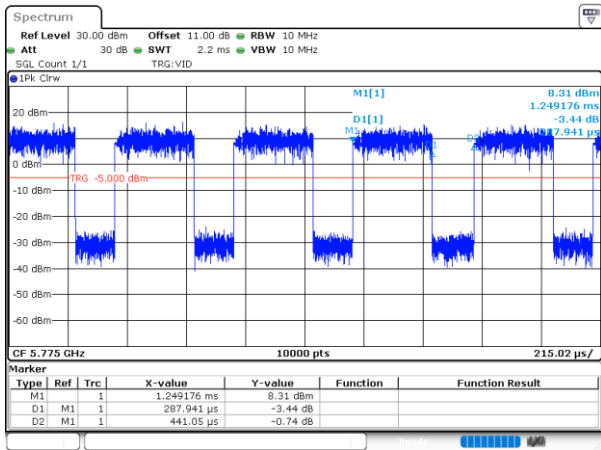
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802.11ac40_5755MHz



ProjectNo.:2604P04465E-RF Tester:Cayde Hou
Date: 3.FEB.2026 14:38:03

802.11ac80_5775MHz



ProjectNo.:2604P04465E-RF Tester:Cayde Hou
Date: 3.FEB.2026 14:40:01

***** END *****