

5725-5850MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5745	15.39	30	Pass
	5785	15.26	30	Pass
	5825	15.4	30	Pass
802.11n20	5745	15.17	30	Pass
	5785	15.08	30	Pass
	5825	15.22	30	Pass
802.11n40	5755	15.07	30	Pass
	5795	15.1	30	Pass
802.11ac20	5745	15.15	30	Pass
	5785	15.1	30	Pass
	5825	15.25	30	Pass
802.11ac40	5755	15.06	30	Pass
	5795	15.32	30	Pass
802.11ac80	5775	15.26	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	6.21	0.14	6.35	11	Pass
	5200	5.81	0.14	5.95	11	Pass
	5240	6.10	0.14	6.24	11	Pass
802.11n20	5180	5.06	0.15	5.21	11	Pass
	5200	5.47	0.15	5.62	11	Pass
	5240	5.32	0.15	5.47	11	Pass
802.11n40	5190	2.49	0.29	2.78	11	Pass
	5230	2.20	0.29	2.49	11	Pass
802.11ac20	5180	5.13	0.15	5.28	11	Pass
	5200	4.98	0.15	5.13	11	Pass
	5240	5.11	0.15	5.26	11	Pass
802.11ac40	5190	2.24	0.29	2.53	11	Pass
	5230	2.17	0.29	2.46	11	Pass
802.11ac80	5210	-4.72	0.55	-4.17	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	5.43	0.14	5.57	11	Pass
	5280	5.82	0.14	5.96	11	Pass
	5320	5.56	0.14	5.70	11	Pass
802.11n20	5260	5.16	0.15	5.31	11	Pass
	5280	5.53	0.15	5.68	11	Pass
	5320	6.29	0.15	6.44	11	Pass
802.11n40	5270	2.67	0.29	2.96	11	Pass
	5310	2.83	0.29	3.12	11	Pass
802.11ac20	5260	5.89	0.15	6.04	11	Pass
	5280	5.02	0.15	5.17	11	Pass
	5320	5.26	0.15	5.41	11	Pass
802.11ac40	5270	2.20	0.29	2.49	11	Pass
	5310	2.13	0.29	2.42	11	Pass
802.11ac80	5290	-1.09	0.50	-0.59	11	Pass

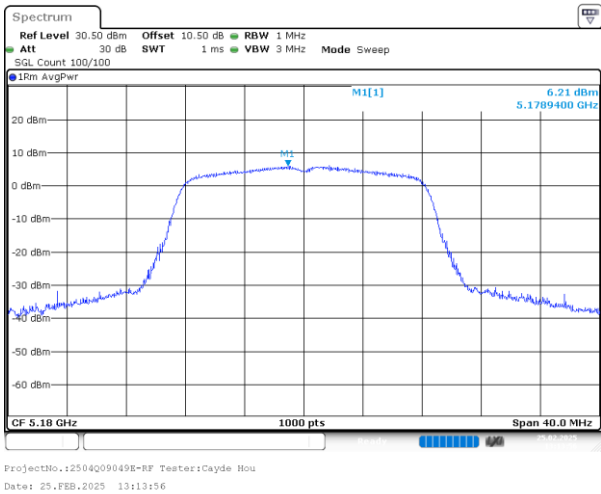
5725-5850MHz

Mode	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor(dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
802.11a	5745	2.40	0.14	2.54	30	Pass
	5785	2.52	0.14	2.66	30	Pass
	5825	2.70	0.14	2.84	30	Pass
802.11n20	5745	2.11	0.15	2.26	30	Pass
	5785	2.03	0.15	2.18	30	Pass
	5825	1.96	0.15	2.11	30	Pass
802.11n40	5755	-1.00	0.29	-0.71	30	Pass
	5795	-0.94	0.29	-0.65	30	Pass
802.11ac20	5745	1.72	0.15	1.87	30	Pass
	5785	1.86	0.15	2.01	30	Pass
	5825	1.87	0.15	2.02	30	Pass
802.11ac40	5755	-1.29	0.29	-1.00	30	Pass
	5795	-0.95	0.29	-0.66	30	Pass
802.11ac80	5775	-4.36	0.55	-3.81	30	Pass

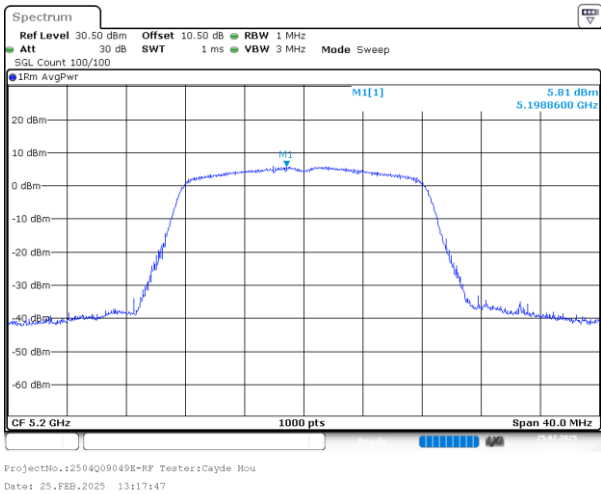
Result = Reading + Duty Cycle Factor

5150-5250MHz

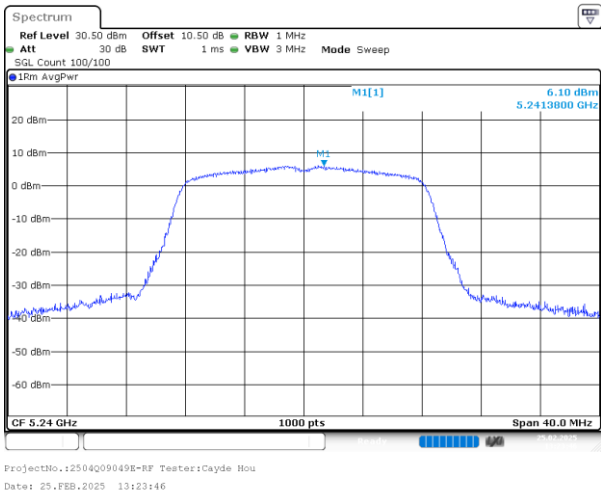
802.11a_5180MHz



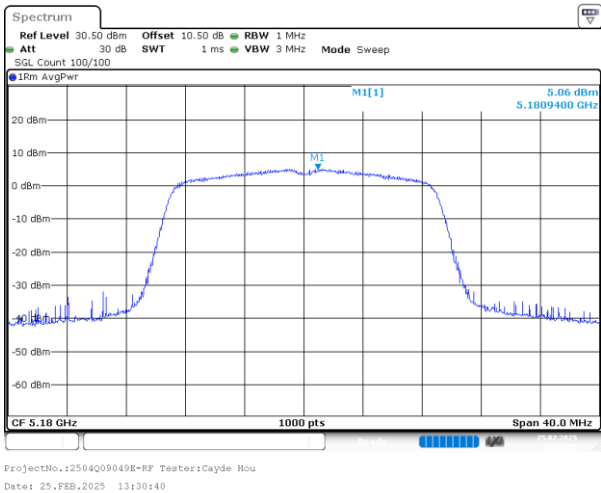
802.11a_5200MHz



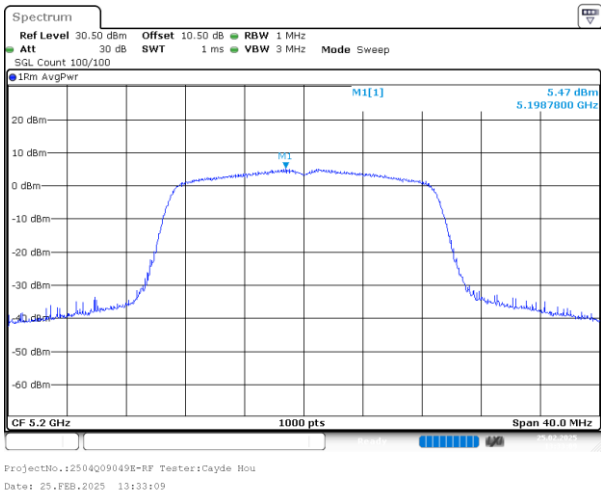
802.11a_5240MHz



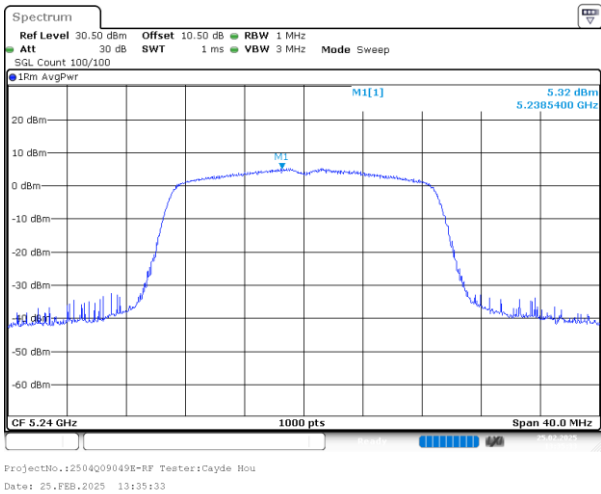
802.11n20_5180MHz



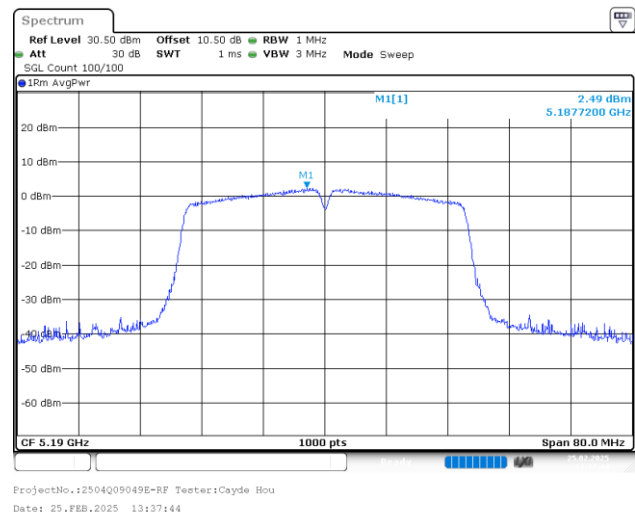
802.11n20_5200MHz



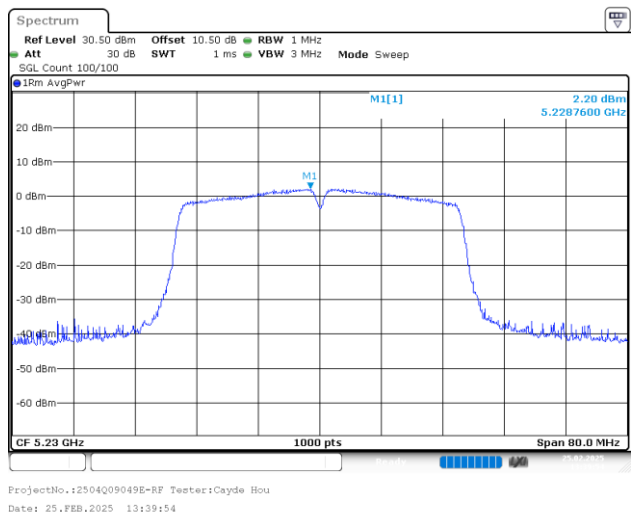
802.11n20_5240MHz



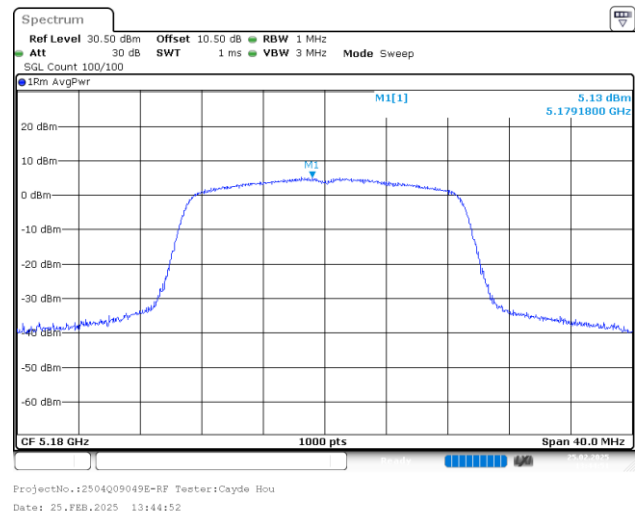
802.11n40_5190MHz



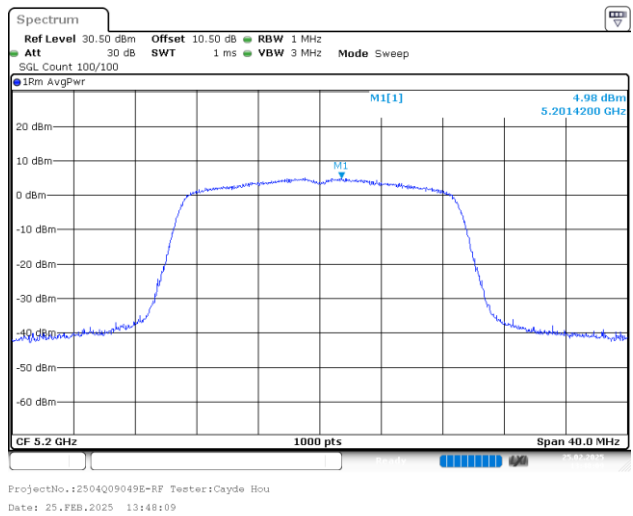
802.11n40_5230MHz



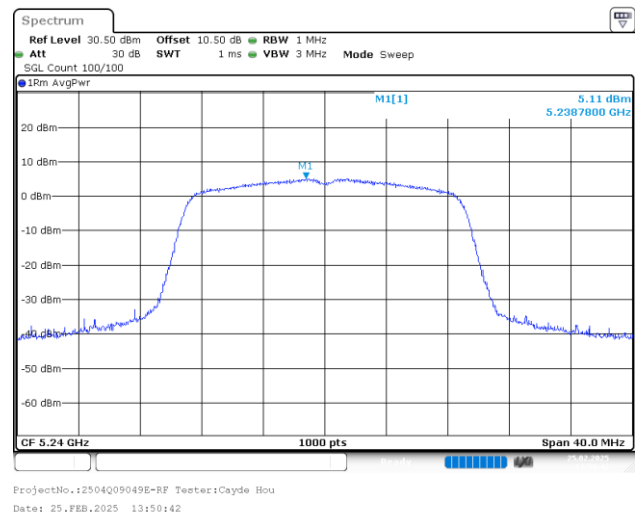
802.11ac20_5180MHz



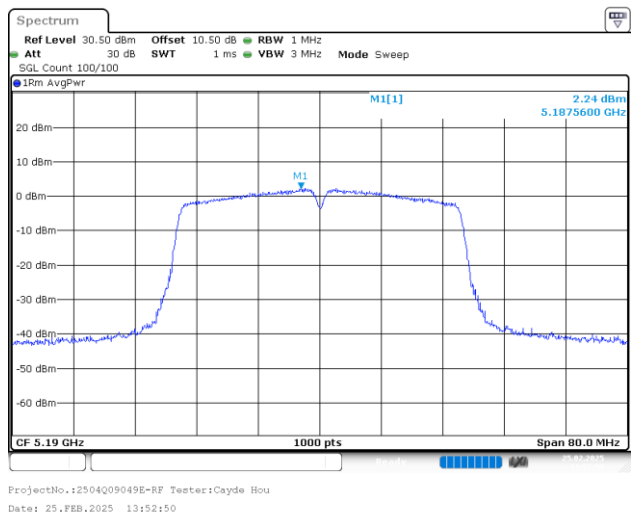
802.11ac20_5200MHz



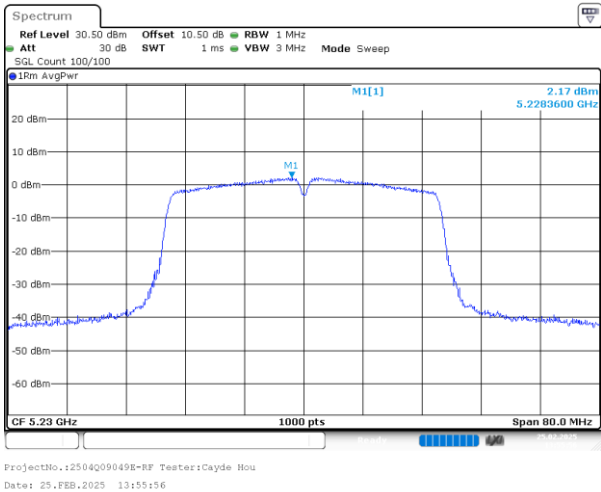
802.11ac20_5240MHz



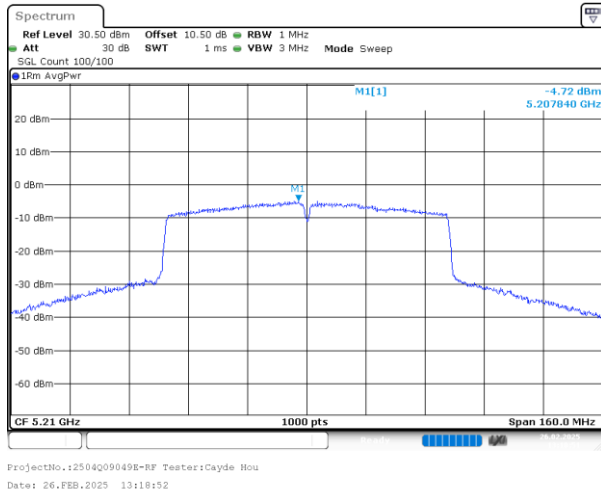
802.11ac40_5190MHz



802.11ac40_5230MHz

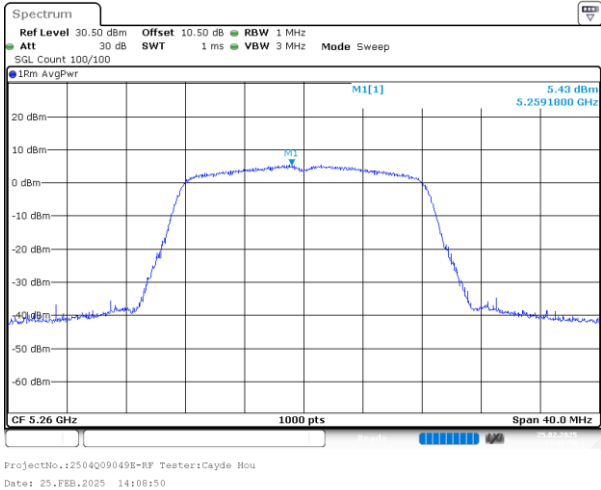


802.11ac80_5210MHz

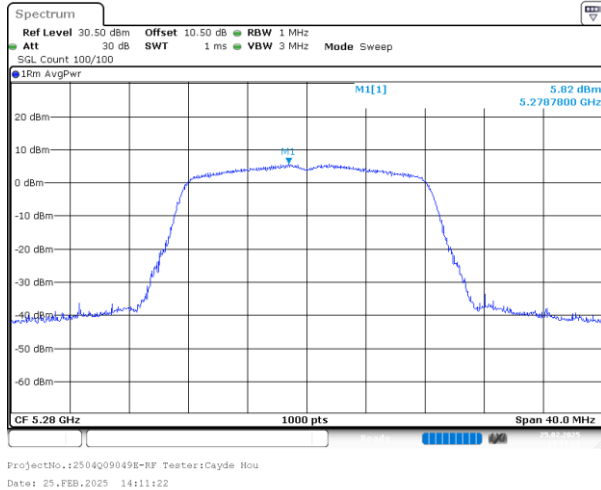


5250-5350MHz

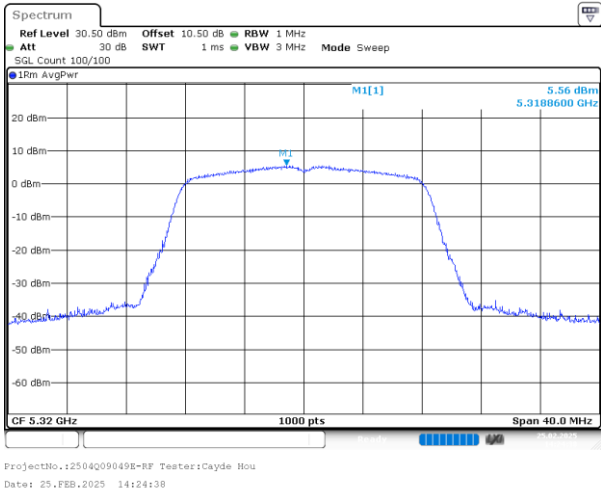
802.11a_5260MHz



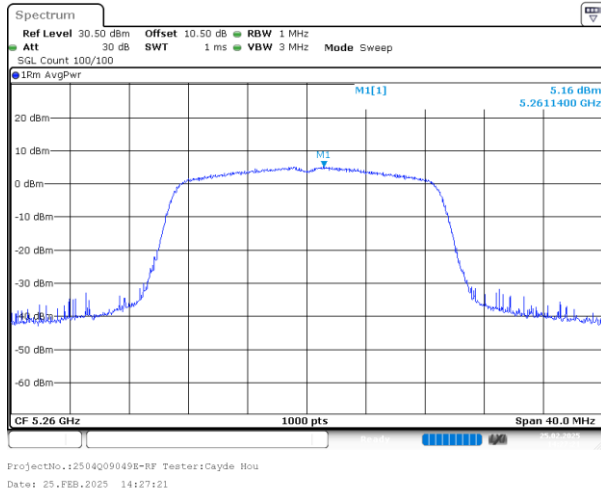
802.11a_5280MHz



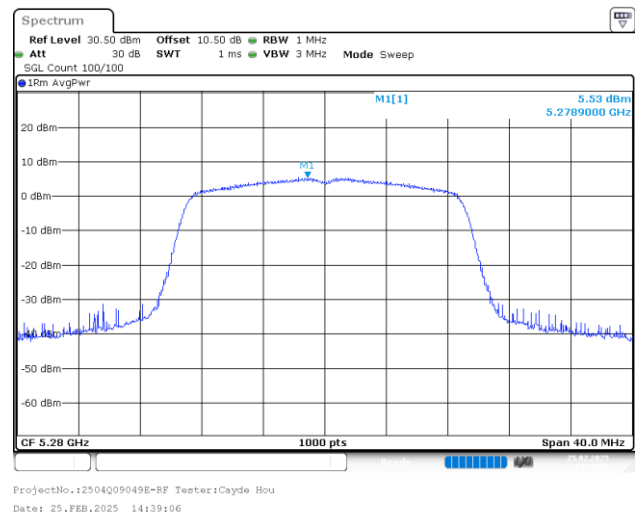
802.11a_5320MHz



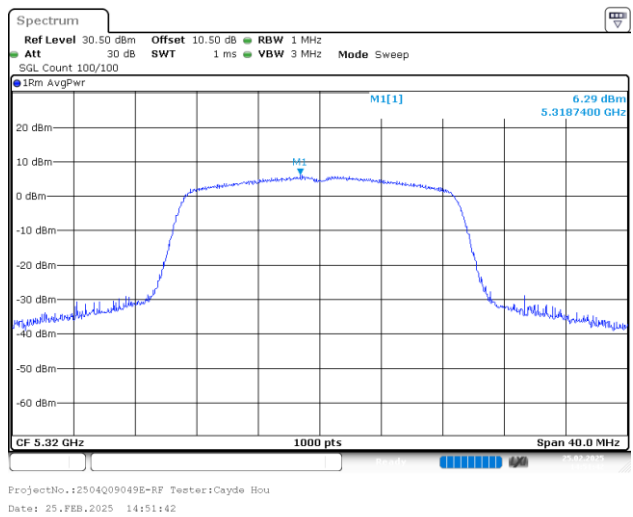
802.11n20_5260MHz



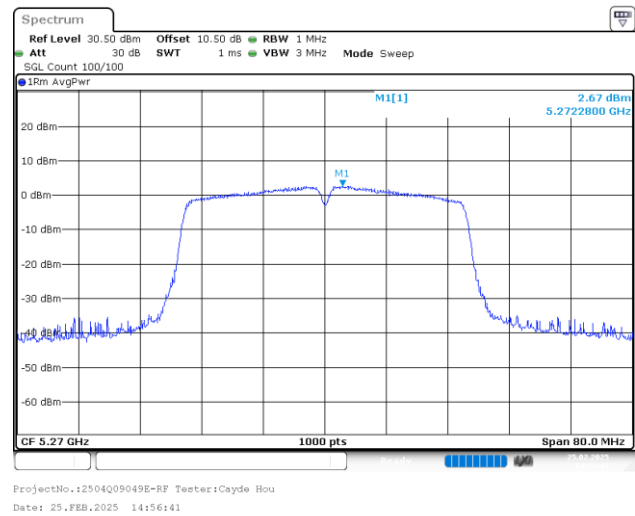
802.11n20_5280MHz



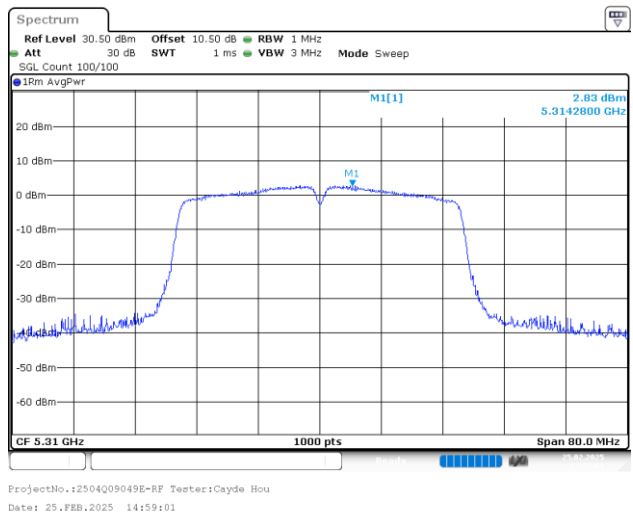
802.11n20_5320MHz



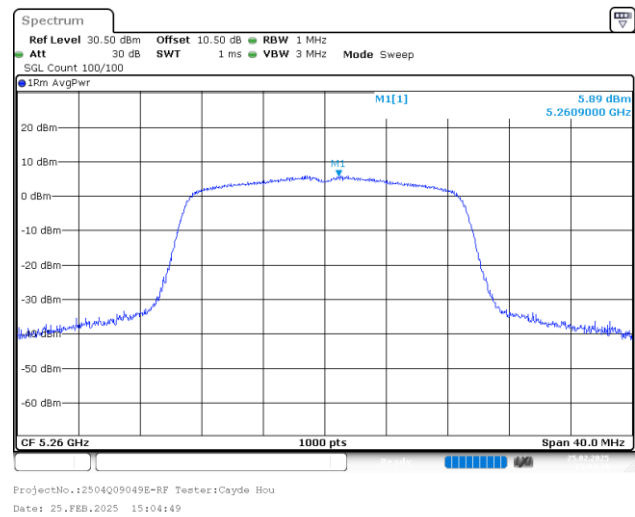
802.11n40_5270MHz



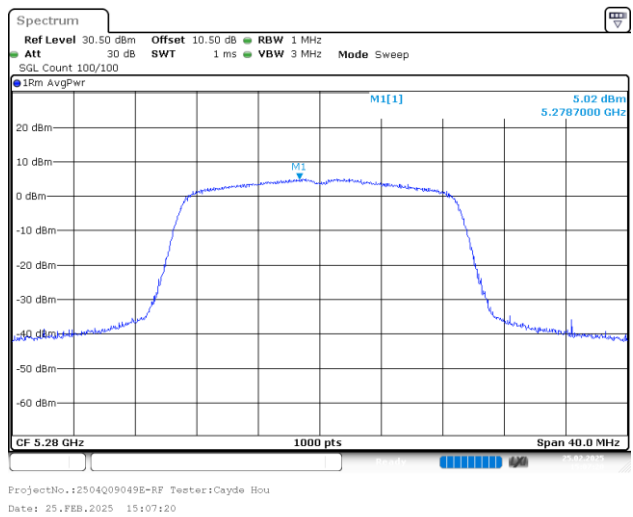
802.11n40_5310MHz



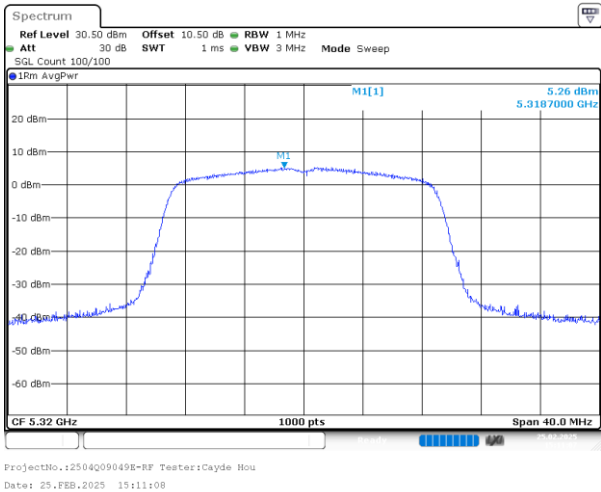
802.11ac20_5260MHz



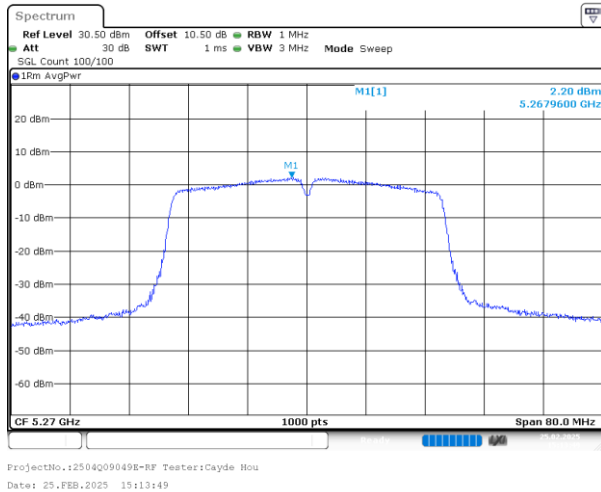
802.11ac20_5280MHz



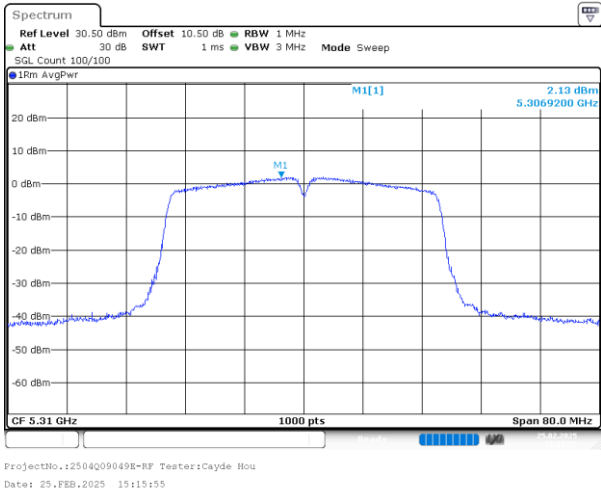
802.11ac20_5320MHz



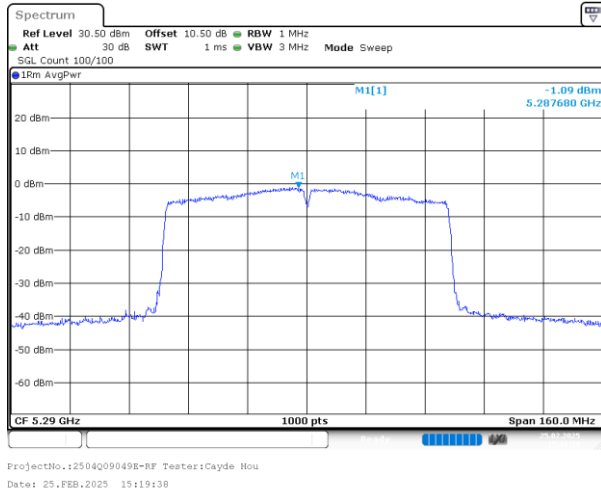
802.11ac40_5270MHz



802.11ac40_5310MHz

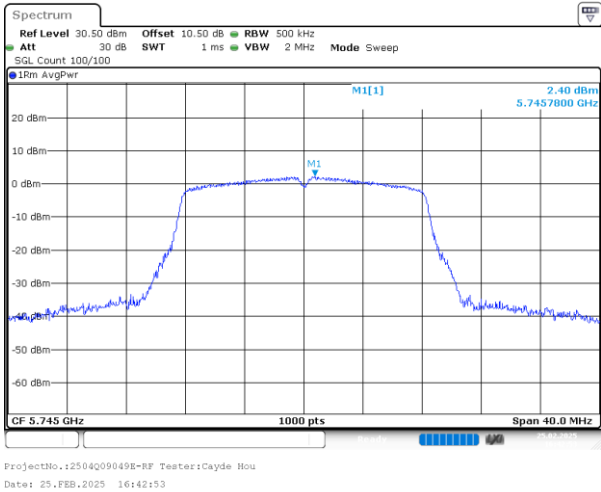


802.11ac80_5290MHz

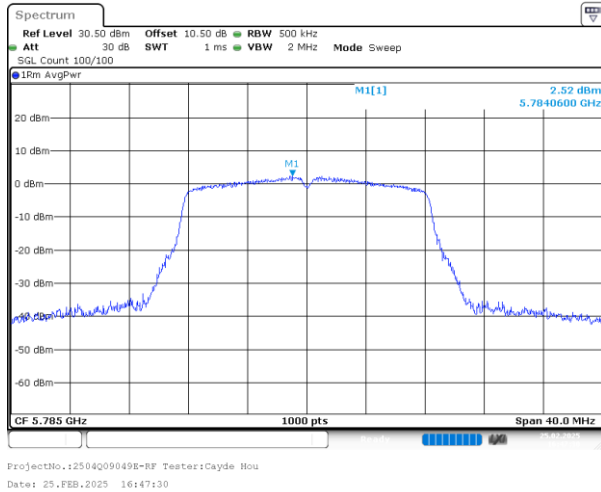


5725-5850MHz

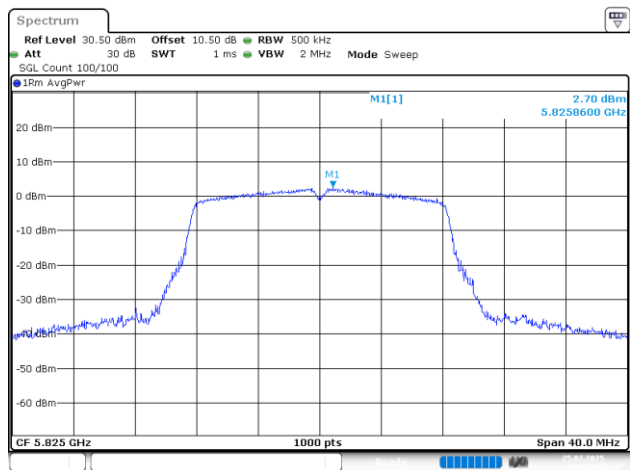
802.11a_5745MHz



802.11a_5785MHz

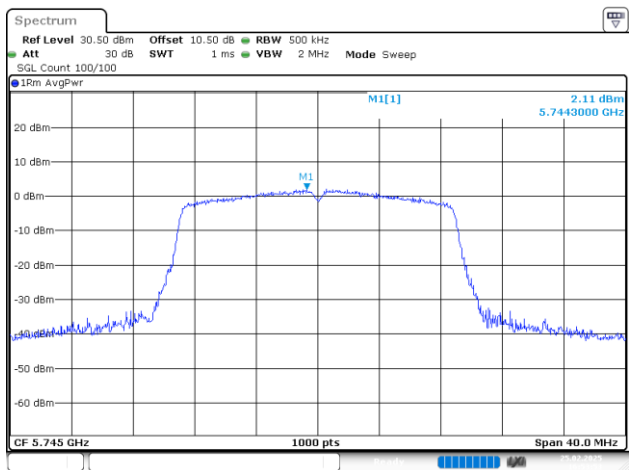


802.11a_5825MHz



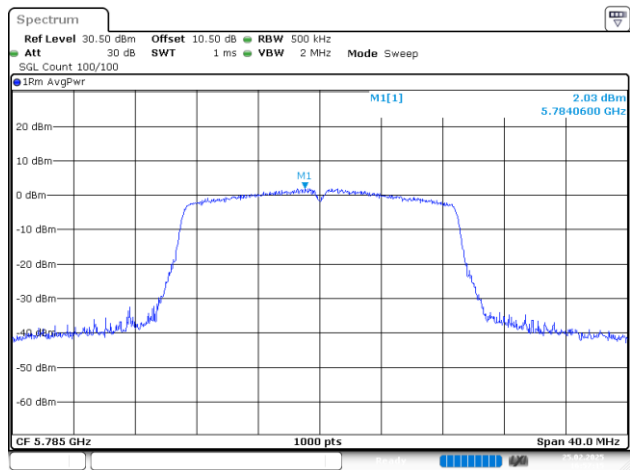
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Date: 25.FEB.2025 16:51:17

802.11n20_5745MHz



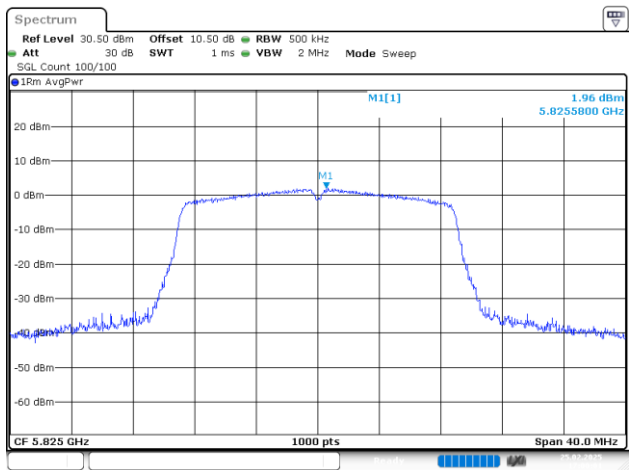
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802.11n20_5785MHz



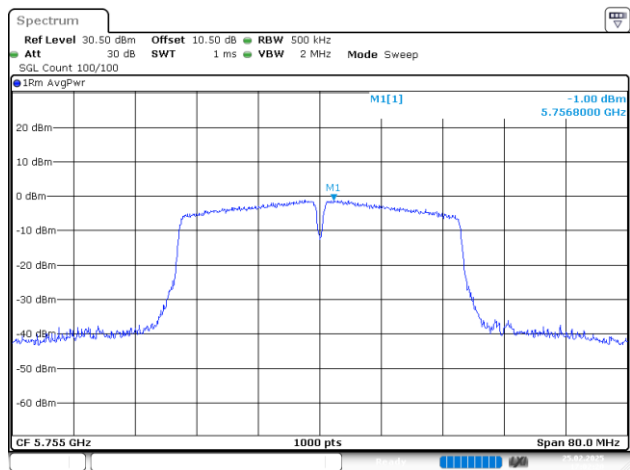
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802.11n20_5825MHz



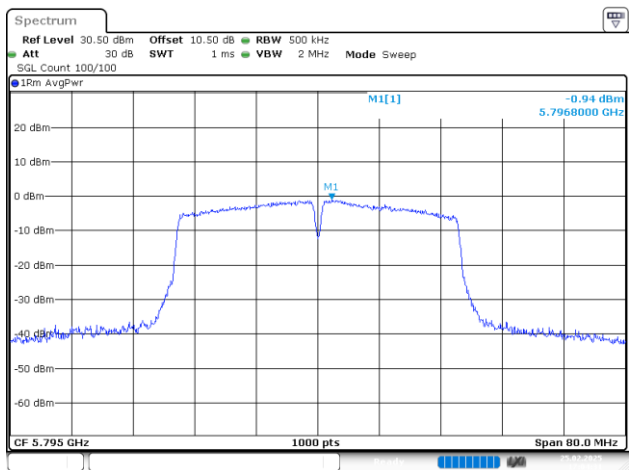
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802.11n40_5755MHz



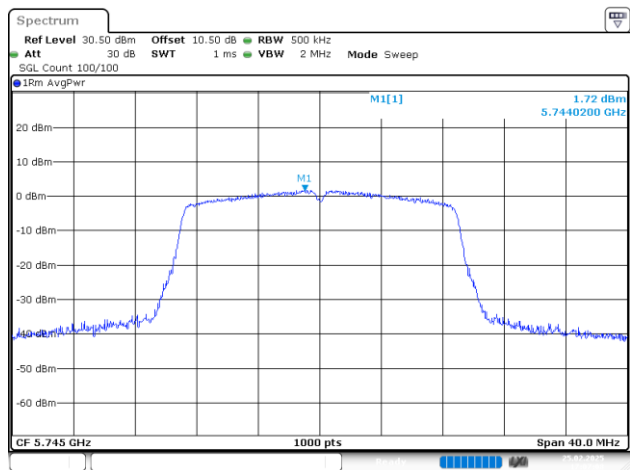
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Date: 25.FEB.2025 17:02:20

802.11n40_5795MHz



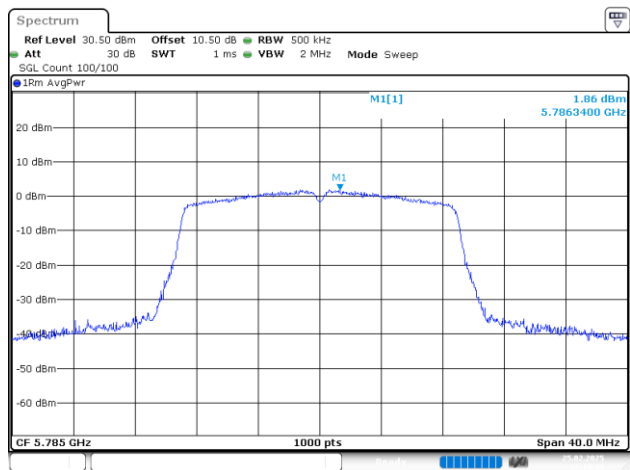
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802.11ac20_5745MHz



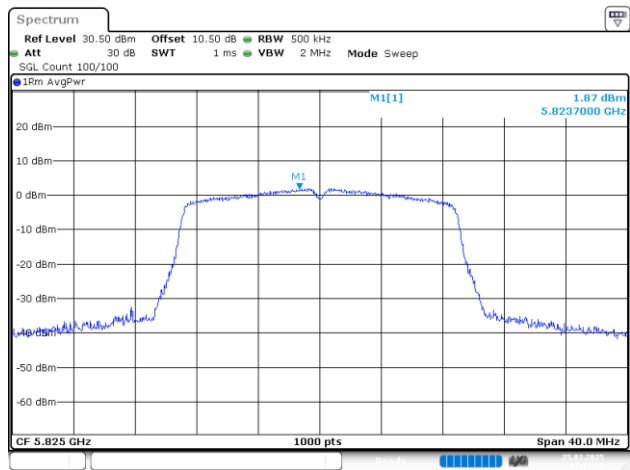
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Date: 25.FEB.2025 17:07:08

802.11ac20_5785MHz



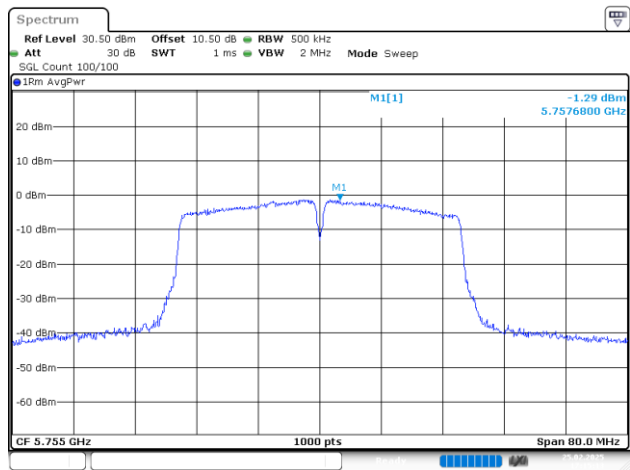
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802.11ac20_5825MHz



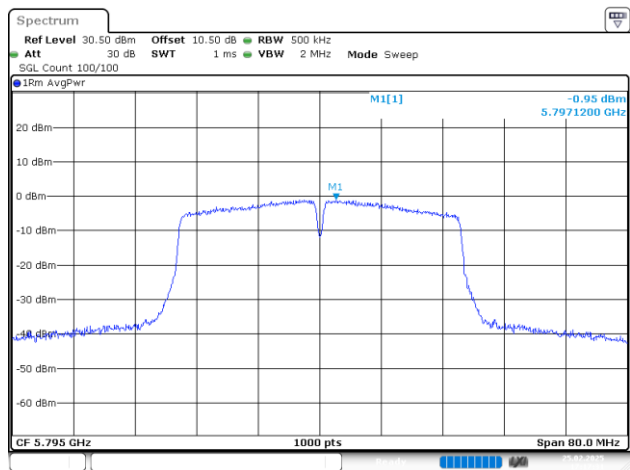
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802.11ac40_5755MHz



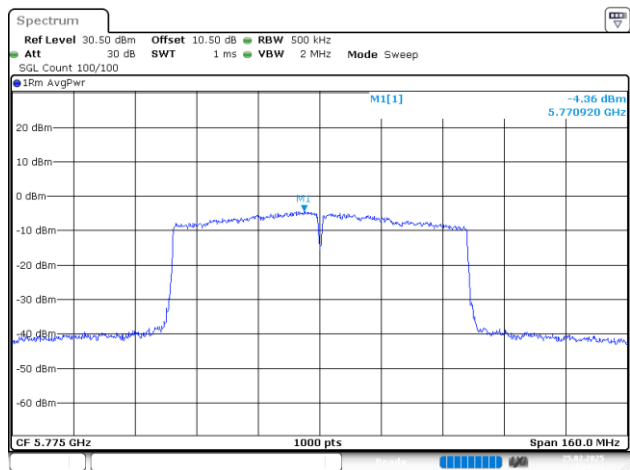
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802.11ac40_5795MHz



ProjectNo.:2504Q09049E-RF Tester:Cayde Hou
Date: 25.FEB.2025 17:17:32

802.11ac80_5775MHz



ProjectNo.:2504Q09049E-RF Tester:Cayde Hou
Date: 25.FEB.2025 17:20:54

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	5180	1.391	1.437	96.80	0.14	719	1
	5200	1.391	1.437	96.80	0.14	719	1
	5240	1.391	1.437	96.80	0.14	719	1
802.11n20	5180	1.298	1.344	96.58	0.15	770	1
	5200	1.299	1.345	96.58	0.15	770	1
	5240	1.299	1.344	96.65	0.15	770	1
802.11n40	5190	0.647	0.692	93.50	0.29	1546	2
	5230	0.647	0.692	93.50	0.29	1546	2
802.11ac20	5180	1.311	1.358	96.54	0.15	763	1
	5200	1.311	1.358	96.54	0.15	763	1
	5240	1.311	1.357	96.61	0.15	763	1
802.11ac40	5190	0.651	0.696	93.53	0.29	1536	2
	5230	0.651	0.696	93.53	0.29	1536	2
802.11ac80	5210	0.324	0.368	88.04	0.55	3086	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	5260	1.391	1.437	96.80	0.14	719	1
	5280	1.390	1.437	96.73	0.14	719	1
	5320	1.391	1.437	96.80	0.14	719	1
802.11n20	5260	1.299	1.345	96.58	0.15	770	1
	5280	1.299	1.345	96.58	0.15	770	1
	5320	1.298	1.344	96.58	0.15	770	1
802.11n40	5270	0.647	0.692	93.50	0.29	1546	2
	5310	0.647	0.692	93.50	0.29	1546	2
802.11ac20	5260	1.310	1.356	96.61	0.15	763	1
	5280	1.311	1.358	96.54	0.15	763	1
	5320	1.311	1.358	96.54	0.15	763	1
802.11ac40	5270	0.651	0.696	93.53	0.29	1536	2
	5310	0.651	0.696	93.53	0.29	1536	2
802.11ac80	5290	0.368	0.413	89.10	0.50	2717	3

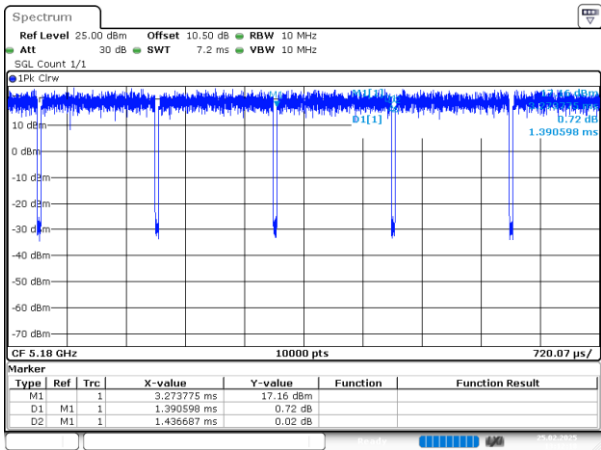
5725-5850MHz

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5745	1.391	1.437	96.80	0.14	719	1
	5785	1.391	1.437	96.80	0.14	719	1
	5825	1.391	1.437	96.80	0.14	719	1
802.11n20	5745	1.299	1.345	96.58	0.15	770	1
	5785	1.299	1.345	96.58	0.15	770	1
	5825	1.299	1.345	96.58	0.15	770	1
802.11n40	5755	0.647	0.692	93.50	0.29	1546	2
	5795	0.647	0.692	93.50	0.29	1546	2
802.11ac20	5745	1.311	1.358	96.54	0.15	763	1
	5785	1.311	1.358	96.54	0.15	763	1
	5825	1.310	1.356	96.61	0.15	763	1
802.11ac40	5755	0.651	0.696	93.53	0.29	1536	2
	5795	0.651	0.696	93.53	0.29	1536	2
802.11ac80	5775	0.324	0.368	88.04	0.55	3086	5

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

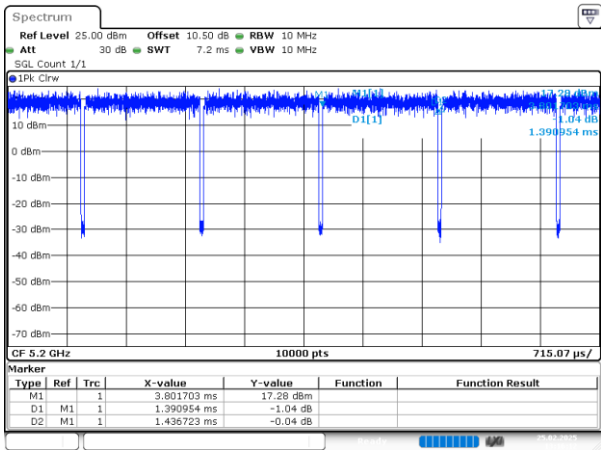
5150-5250MHz

802.11a_5180MHz



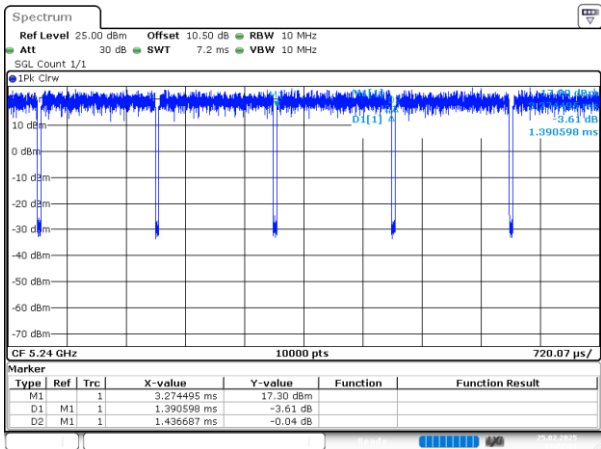
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Date: 25.FEB.2025 13:12:18

802.11a_5200MHz



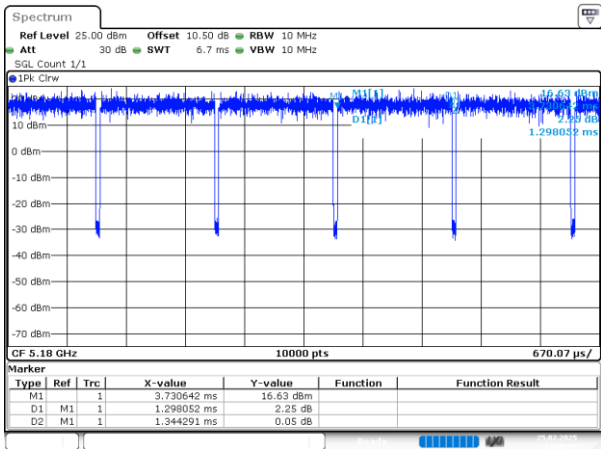
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Date: 25.FEB.2025 13:16:12

802.11a_5240MHz



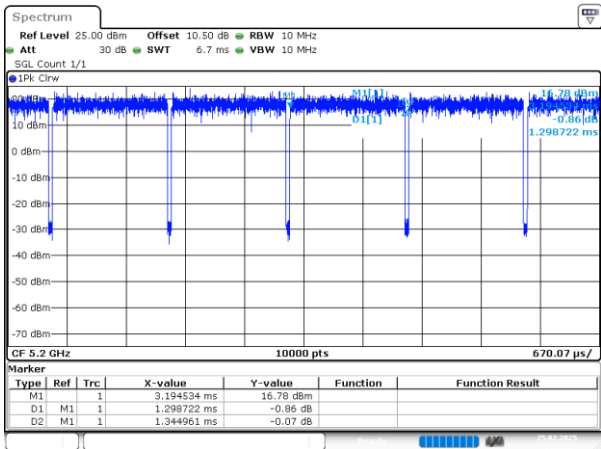
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Date: 25.FEB.2025 13:22:01

802.11n20_5180MHz



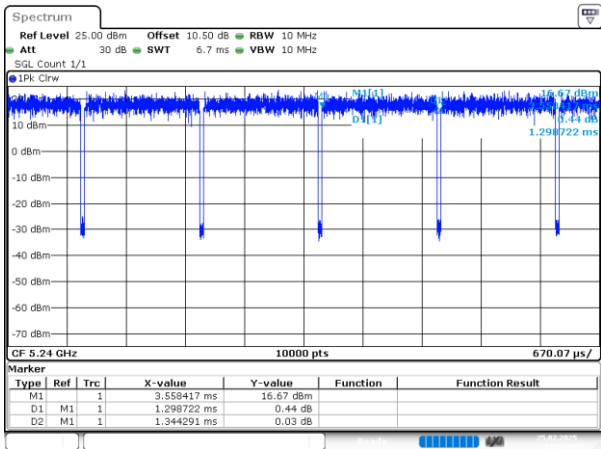
ProjectNo.:2504Q09049E-RF Tester:Cayde Hou
Date: 25.FEB.2025 13:28:49

802.11n20_5200MHz



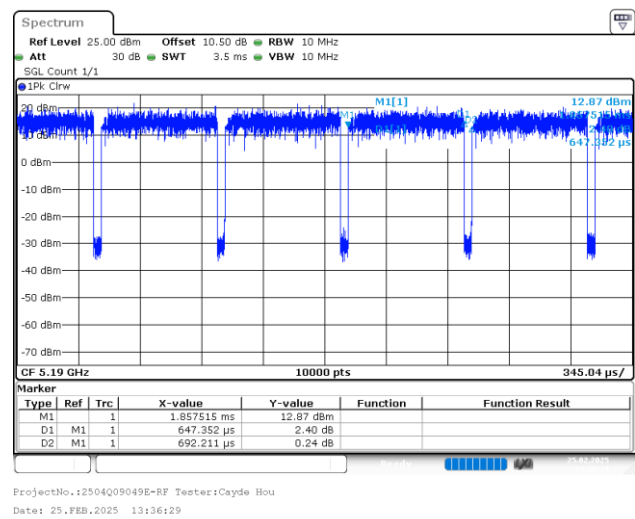
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Date: 25.FEB.2025 13:31:24

802.11n20_5240MHz

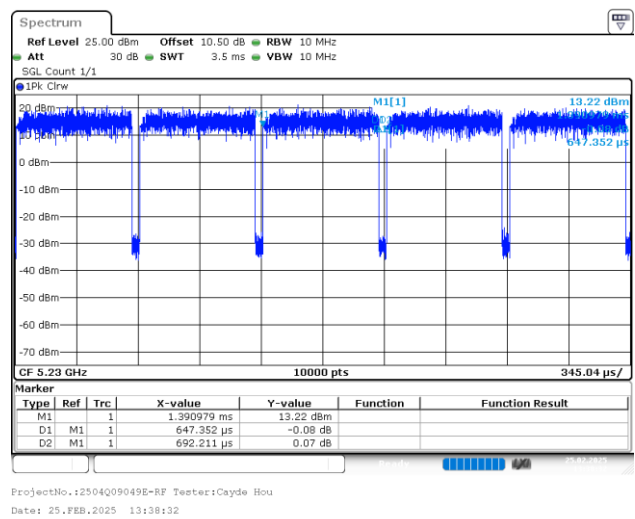


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Date: 25.FEB.2025 13:33:49

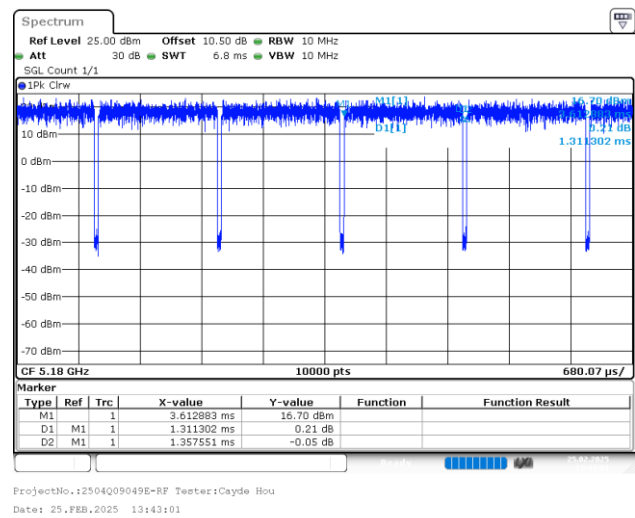
802.11n40_5190MHz



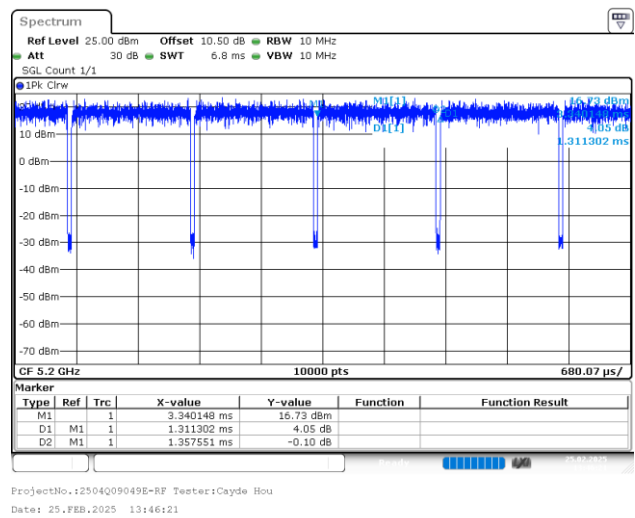
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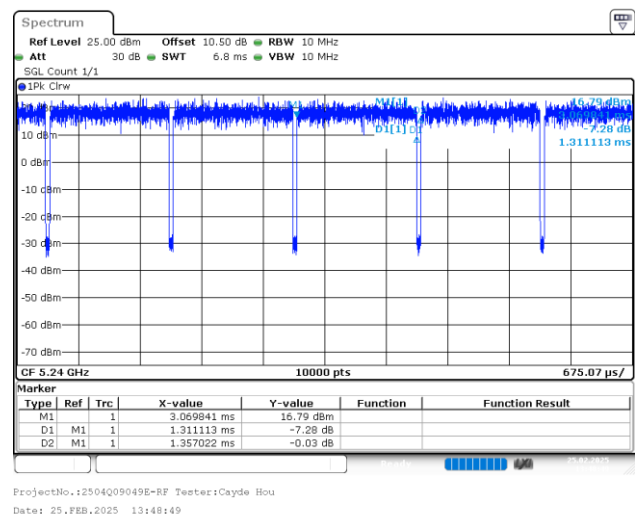
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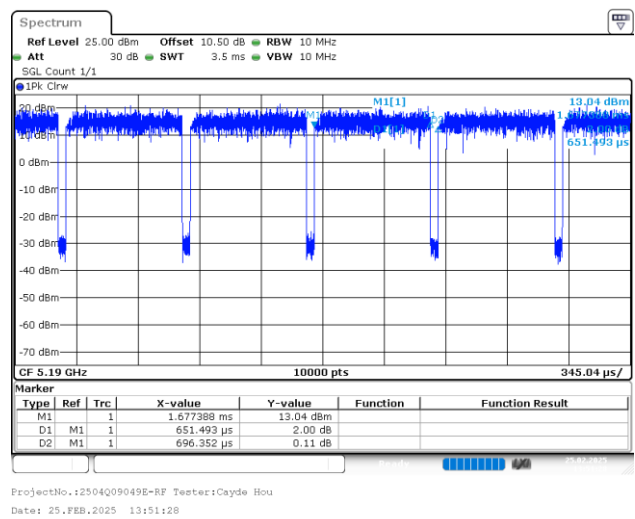
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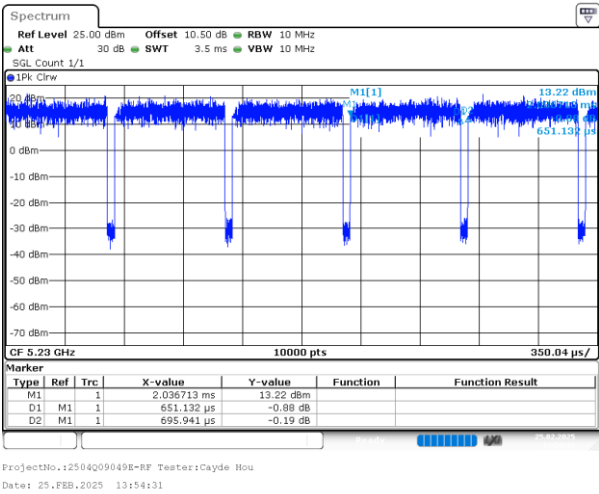
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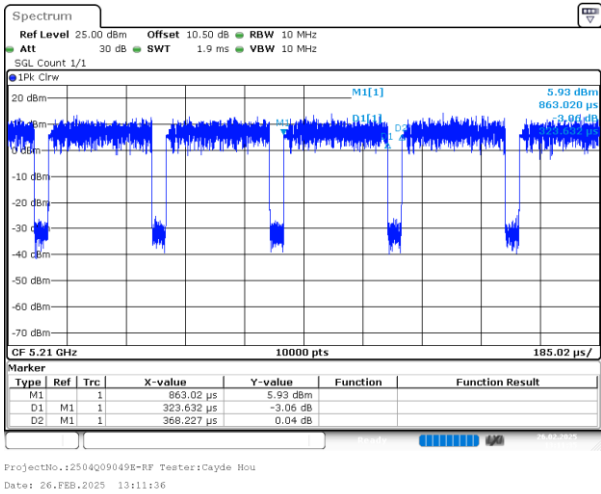
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802.11ac40_5230MHz

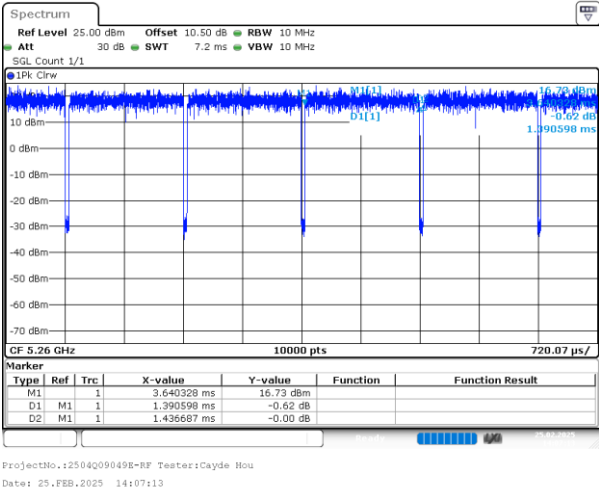


802.11ac80_5210MHz

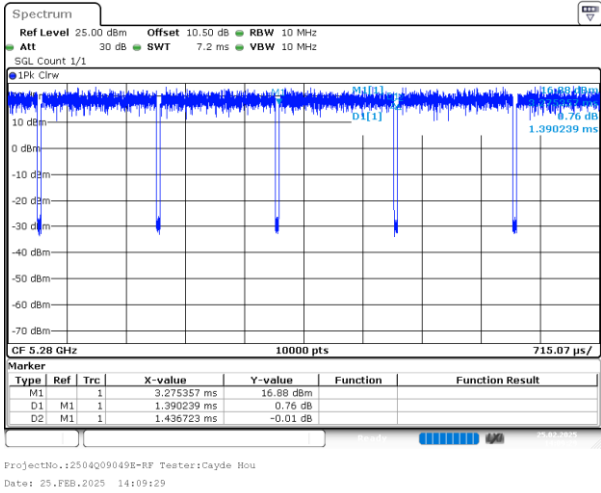


5250-5350MHz

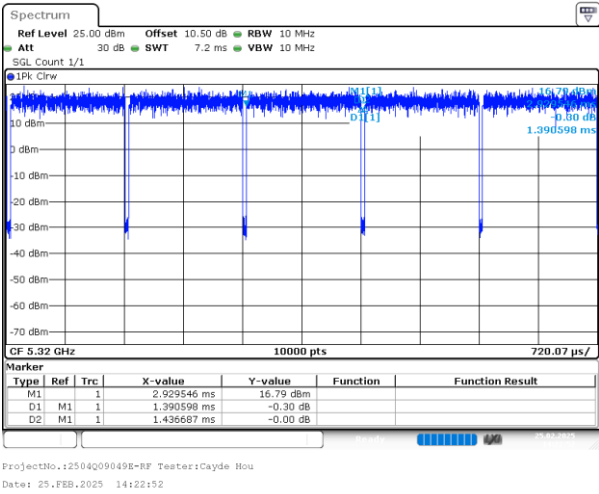
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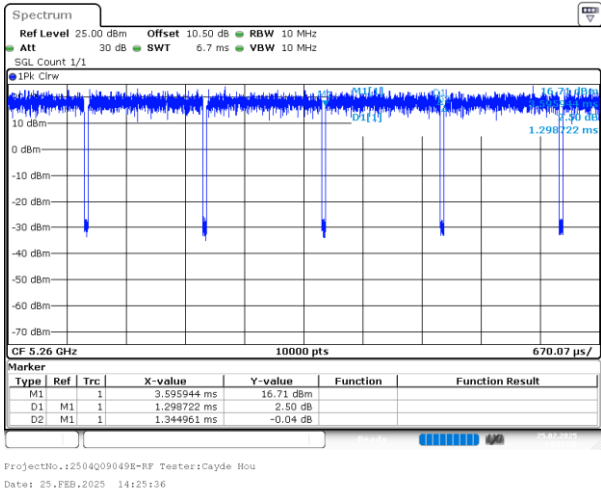
802.11a_5280MHz



802.11a_5320MHz

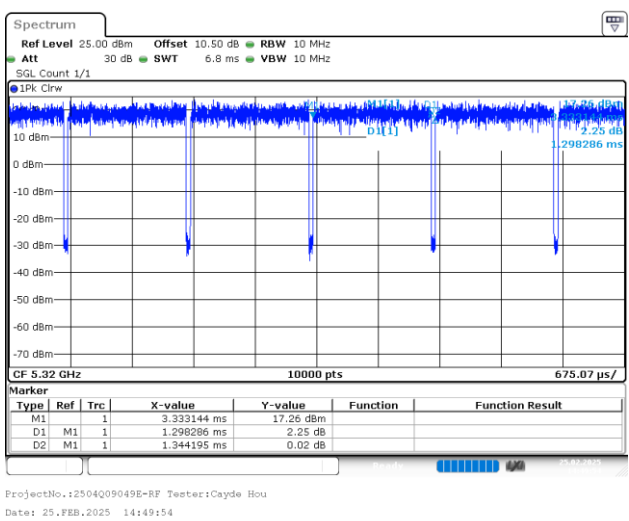
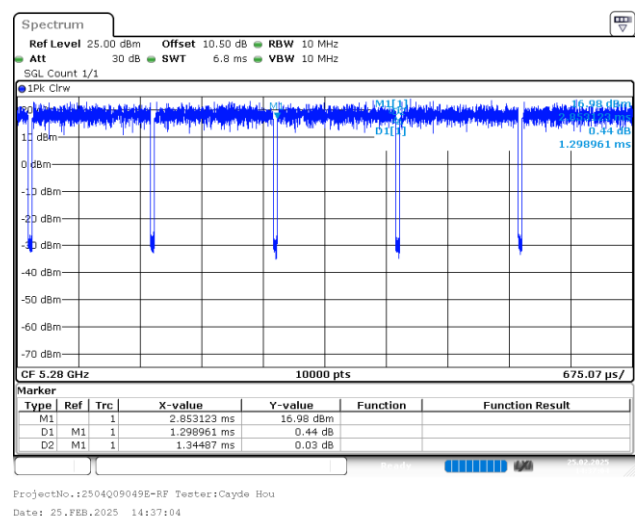


802.11n20_5260MHz



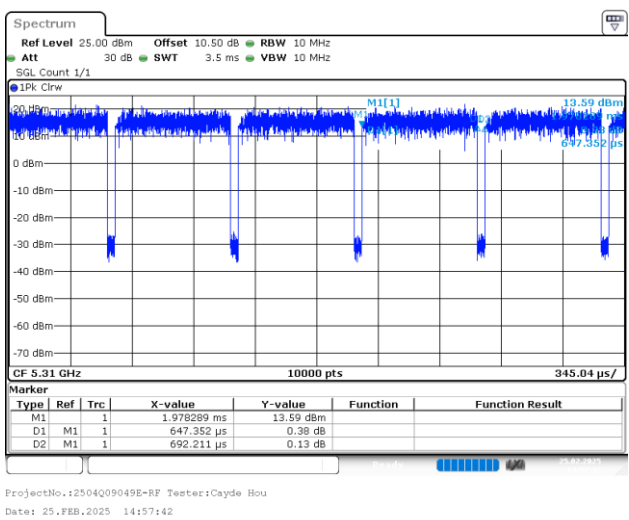
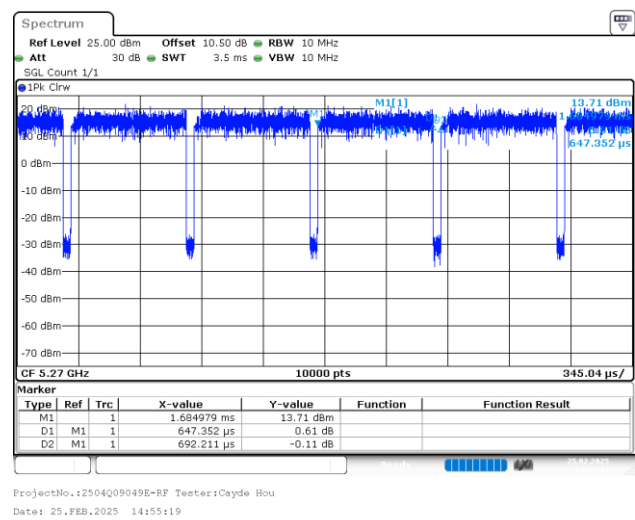
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802.11n20_5320MHz



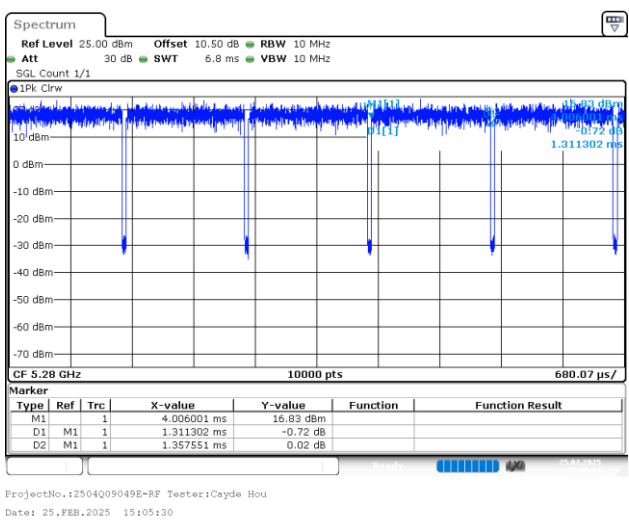
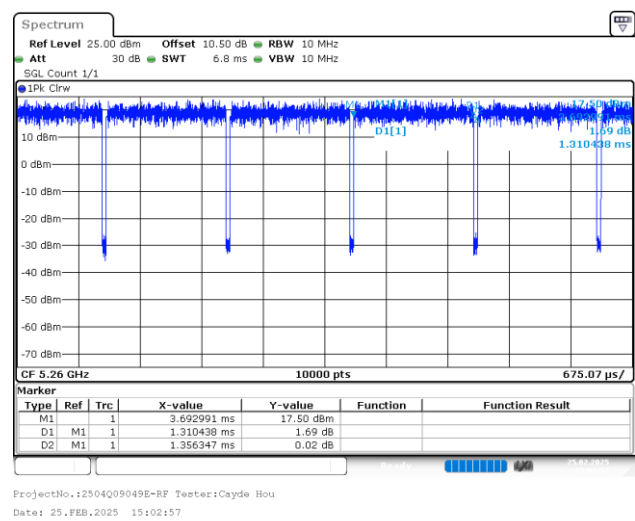
802.11n40_5270MHz

802.11n40_5310MHz

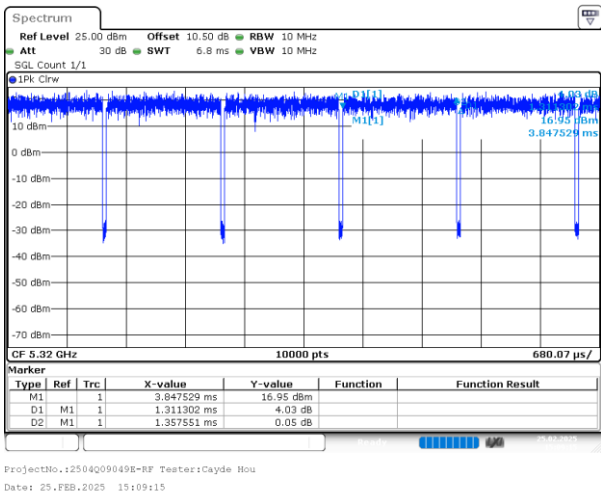


802.11ac20_5260MHz

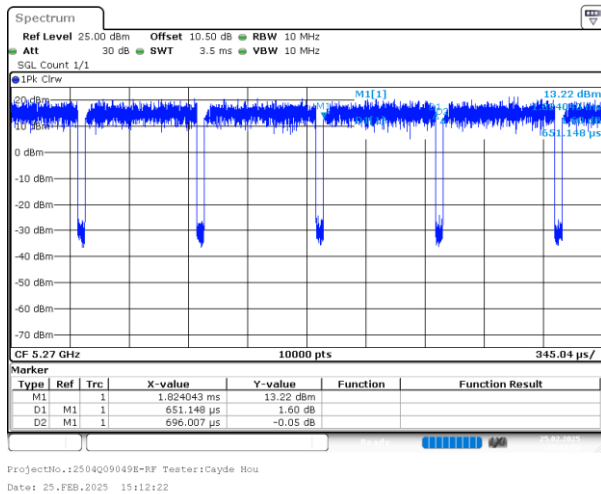
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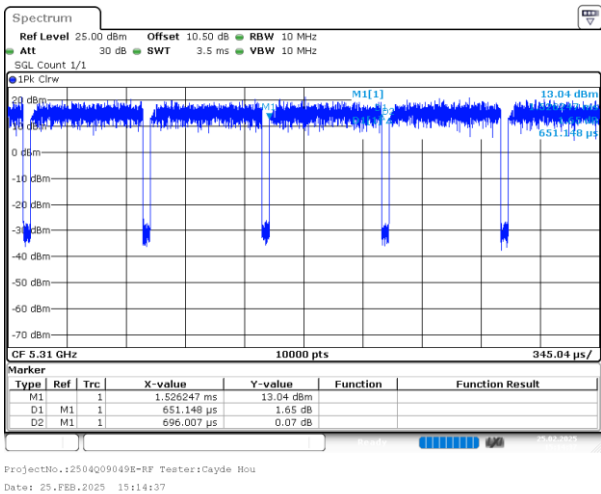
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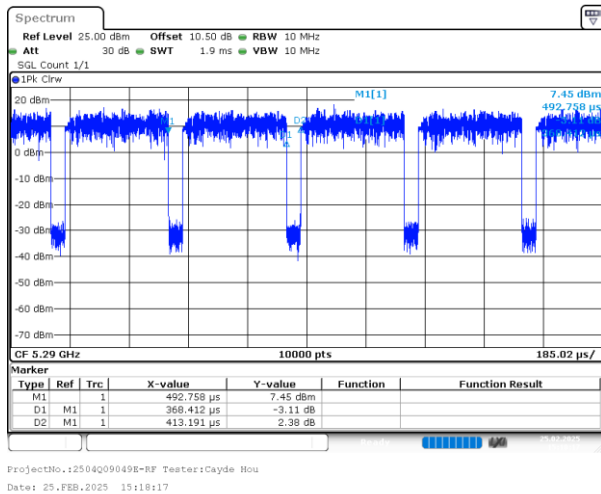
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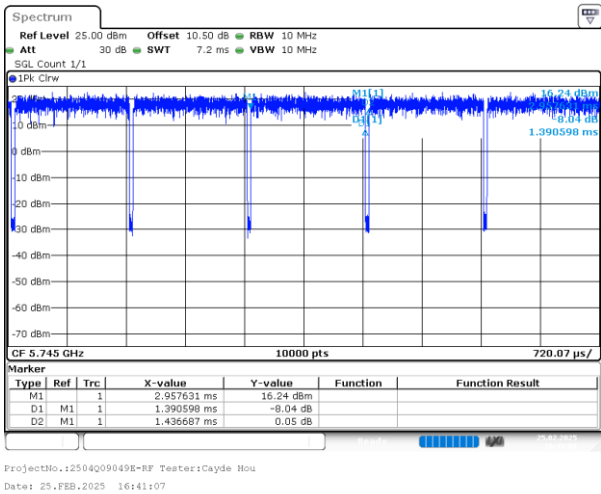


802.11ac80_5290MHz

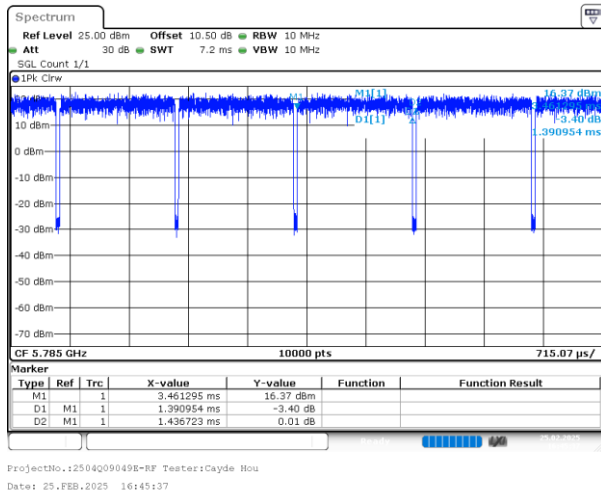


5725-5850MHz

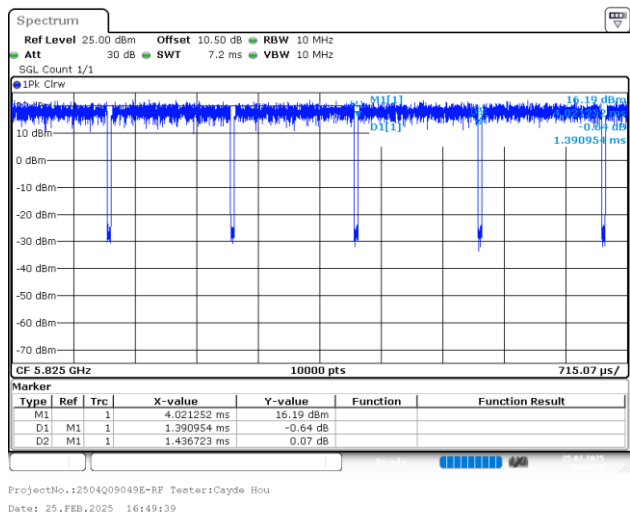
802.11a_5745MHz



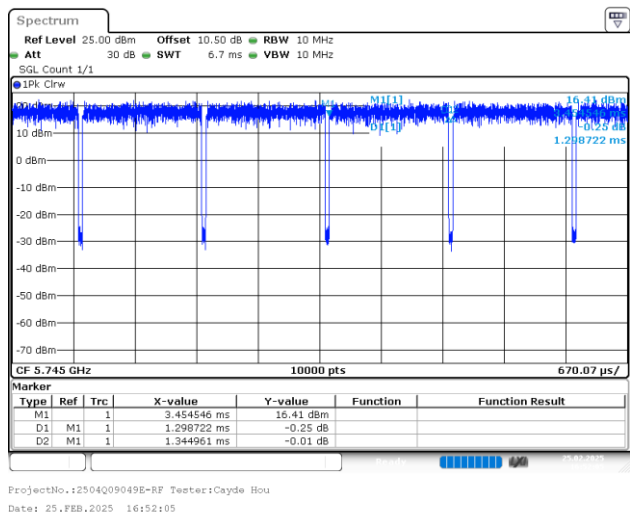
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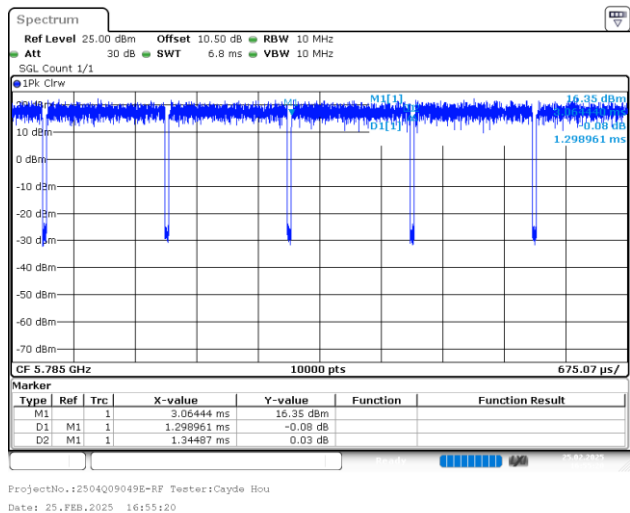
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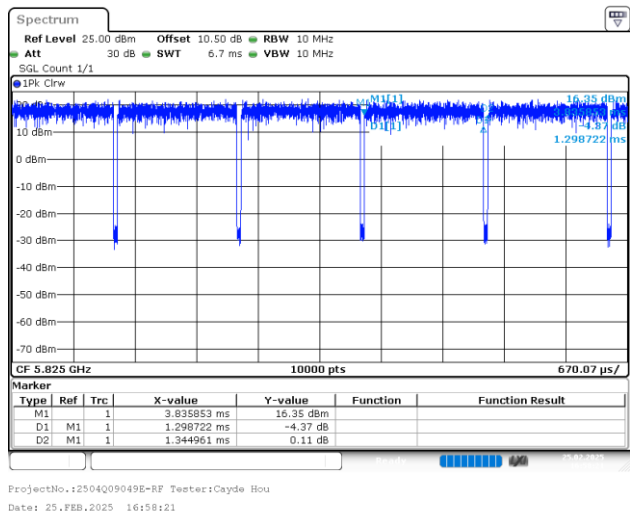
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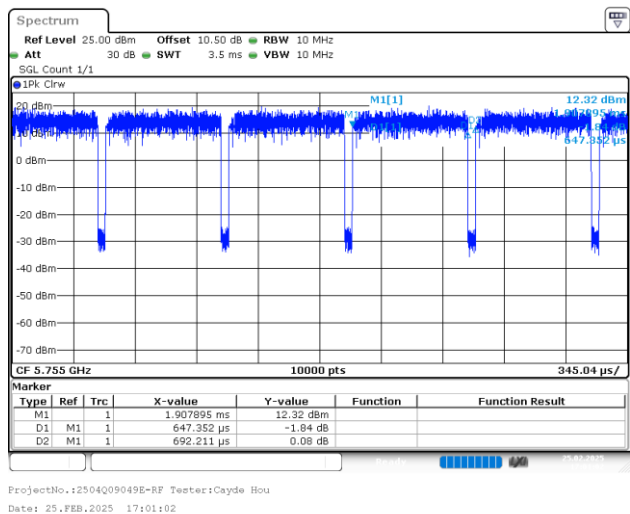
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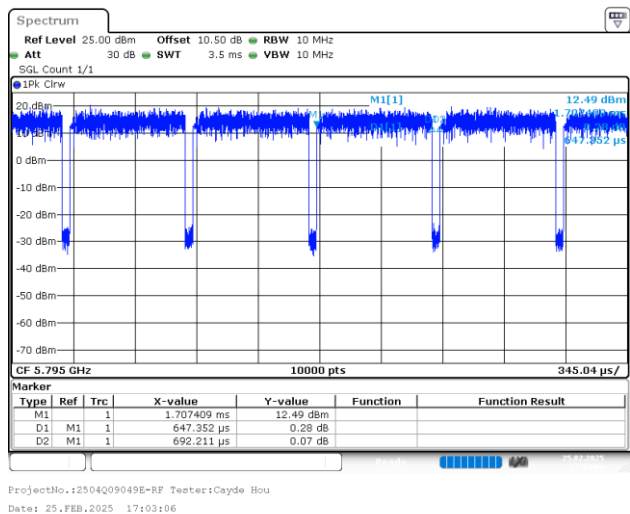
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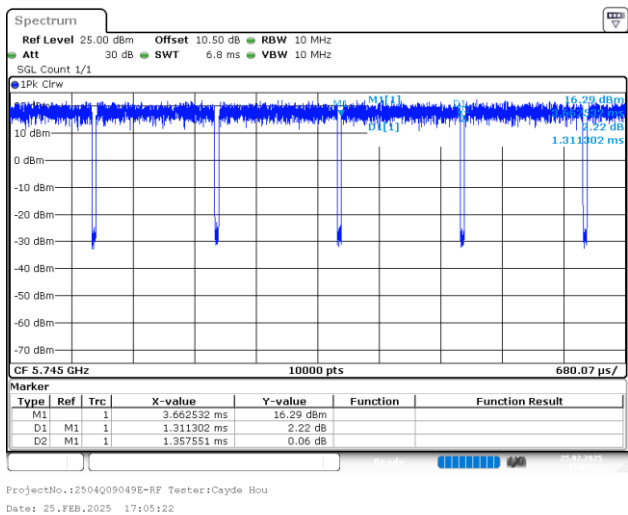
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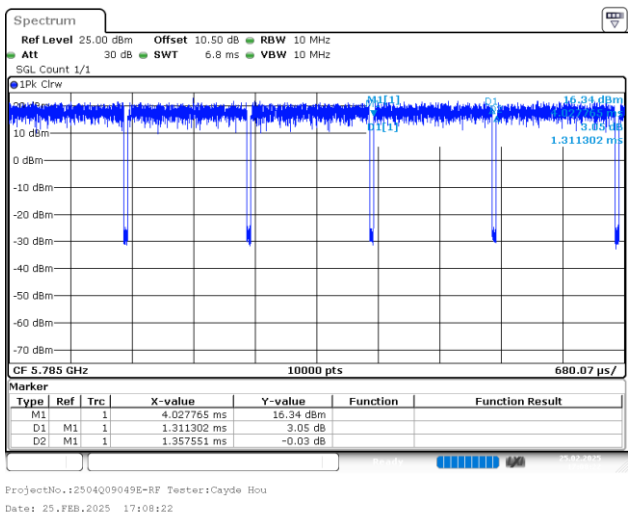
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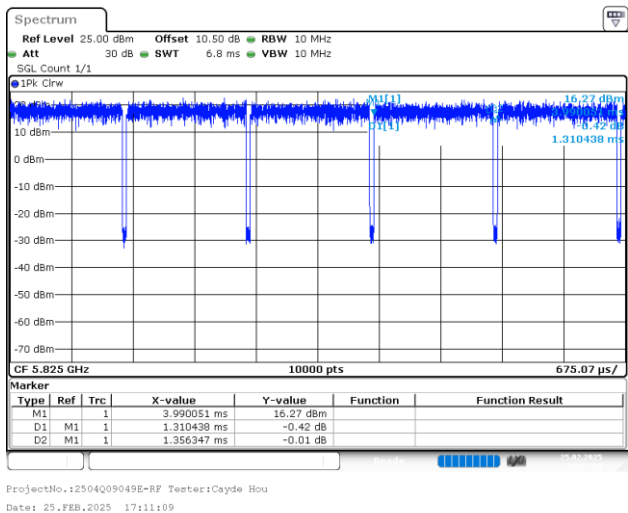
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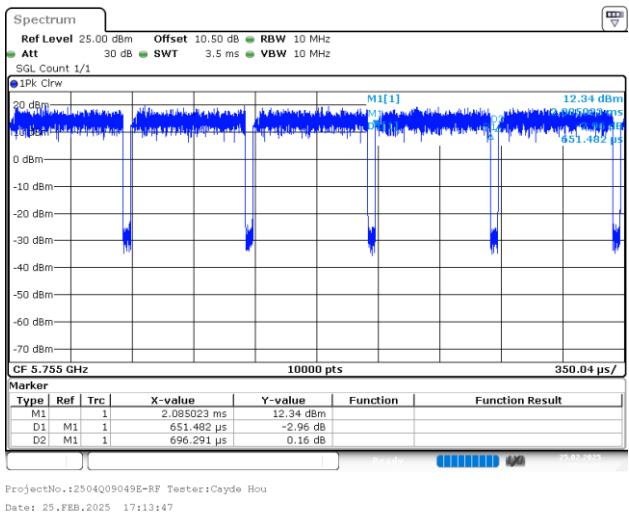
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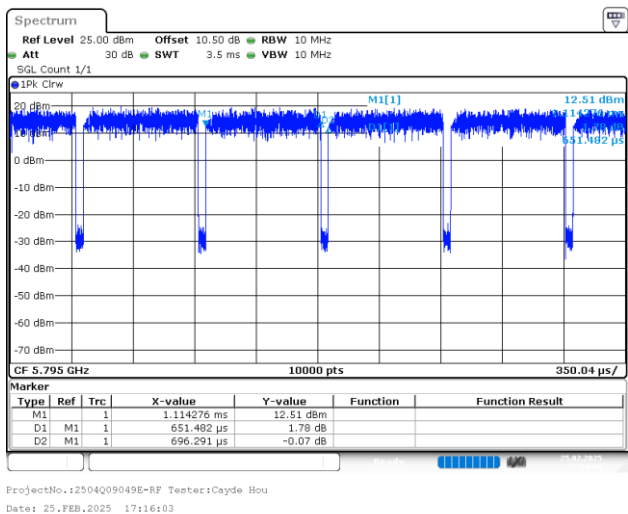
802.11ac20_5825MHz



802.11ac40_5755MHz



802.11ac40_5795MHz



802.11ac80_5775MHz

