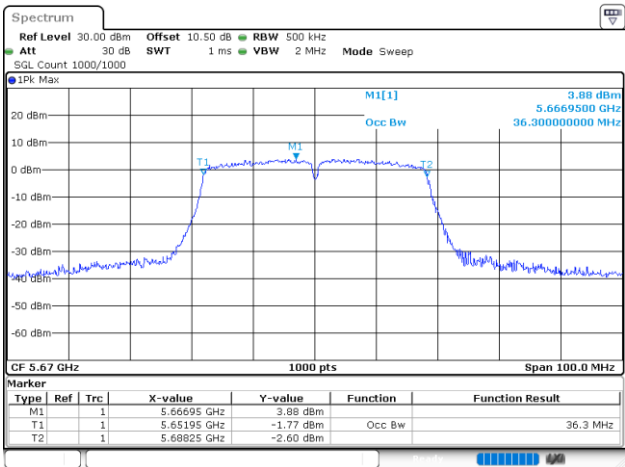
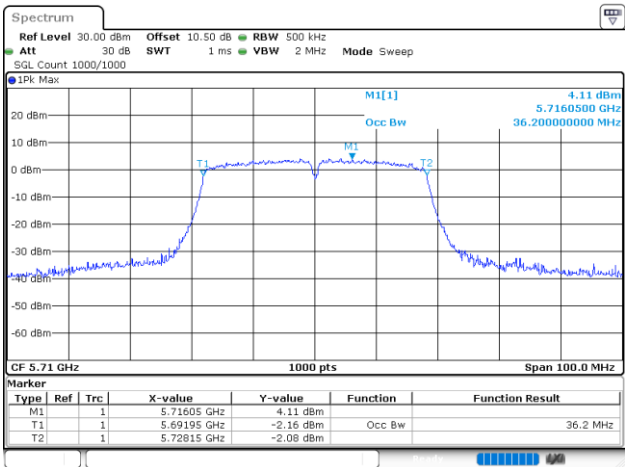


802.11ac40_5670MHz_Chain 0



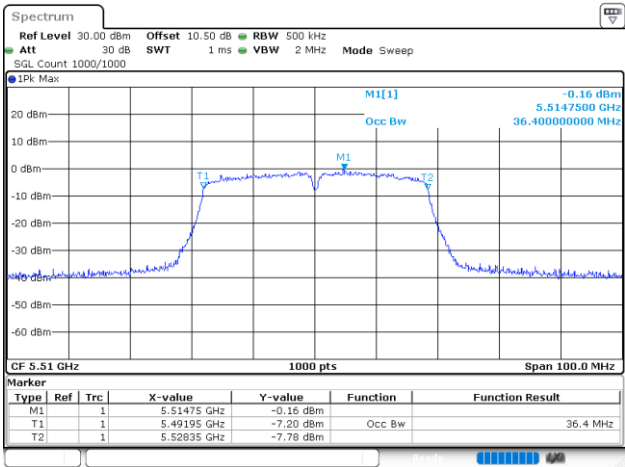
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 11:43:50

802.11ac40_5710MHz_Chain 0



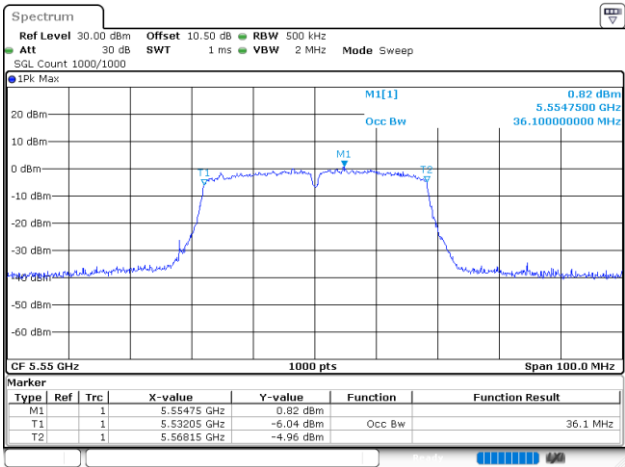
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 11:46:02

802.11ac40_5510MHz_Chain 1



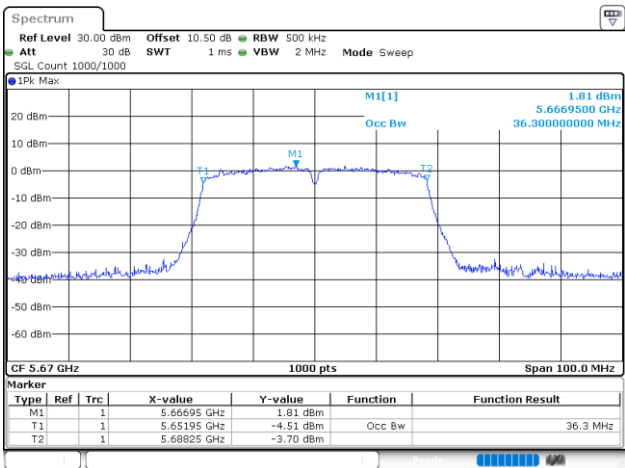
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 15:51:30

802.11ac40_5550MHz_Chain 1



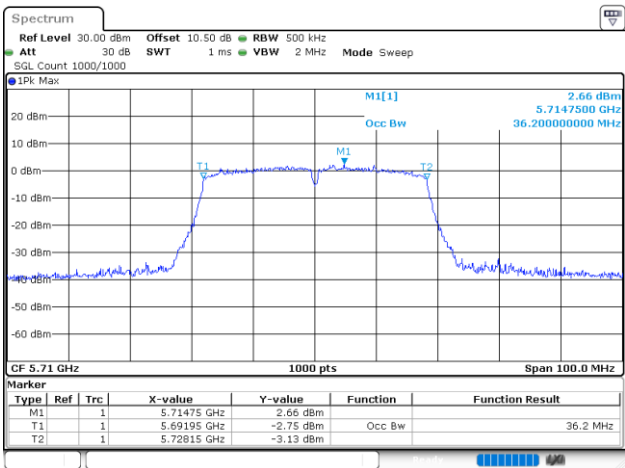
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 15:53:26

802.11ac40_5670MHz_Chain 1



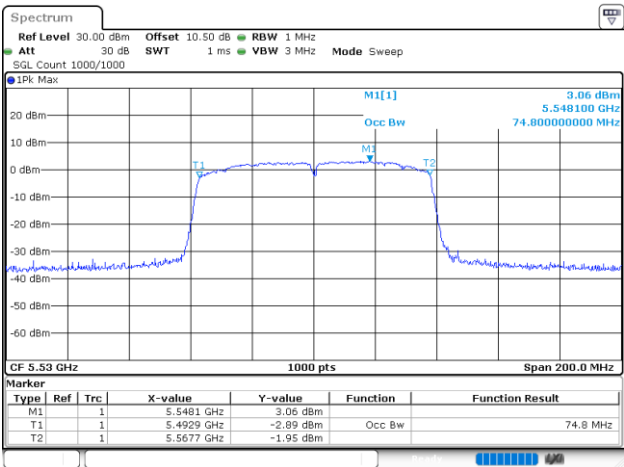
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 15:58:50

802.11ac40_5710MHz_Chain 1



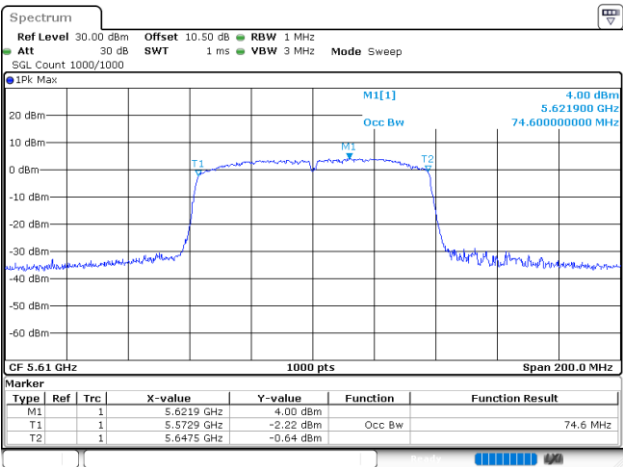
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 16:01:01

802.11ac80_5530MHz_Chain 0



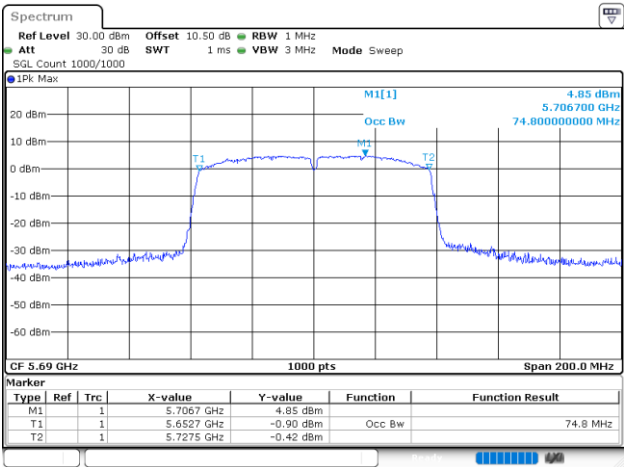
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 11:58:10

802.11ac80_5610MHz_Chain 0



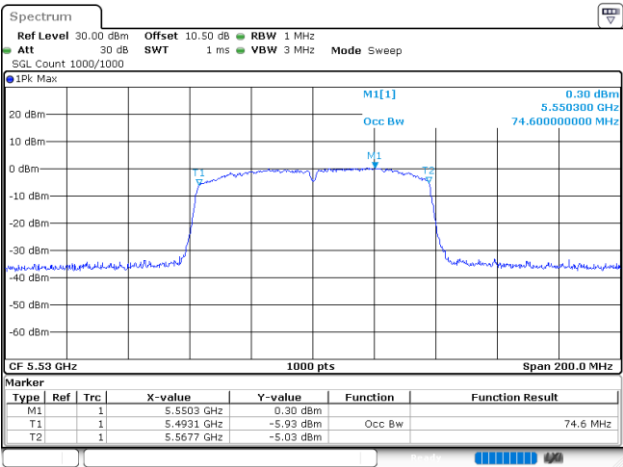
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 13:05:34

802.11ac80_5690MHz_Chain 0



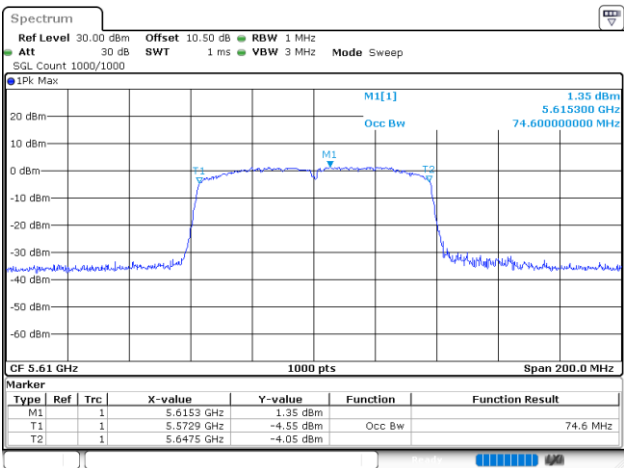
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 13:07:36

802.11ac80_5530MHz_Chain 1



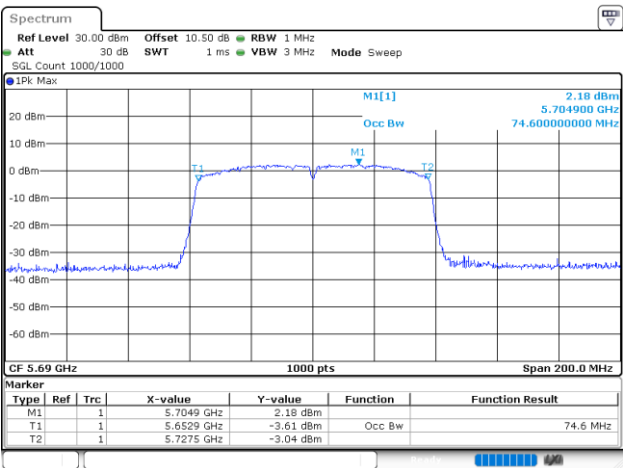
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 16:12:46

802.11ac80_5610MHz_Chain 1



ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 16:14:40

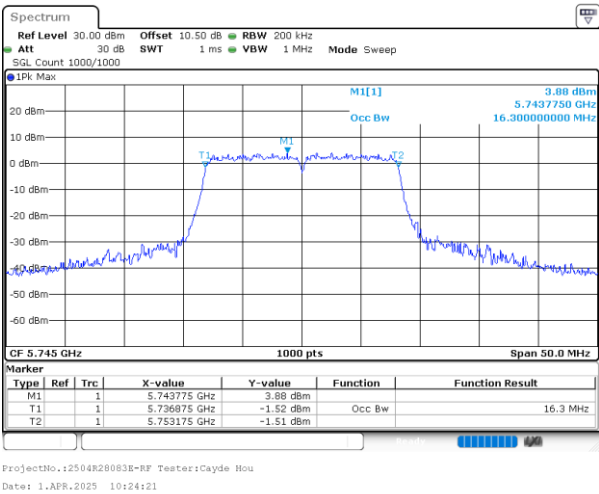
802.11ac80_5690MHz_Chain 1



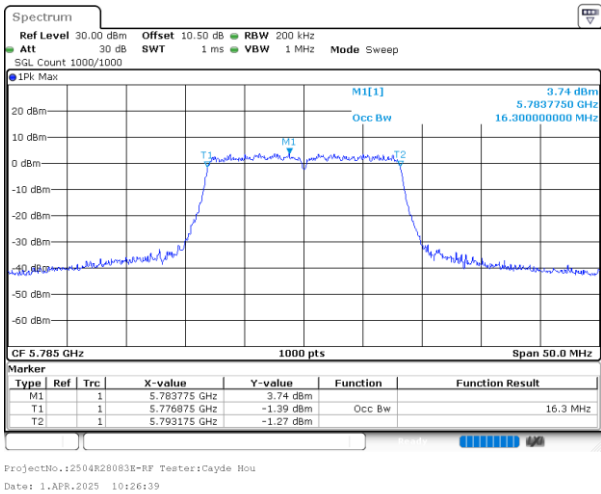
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 16:17:00

5725-5850MHz

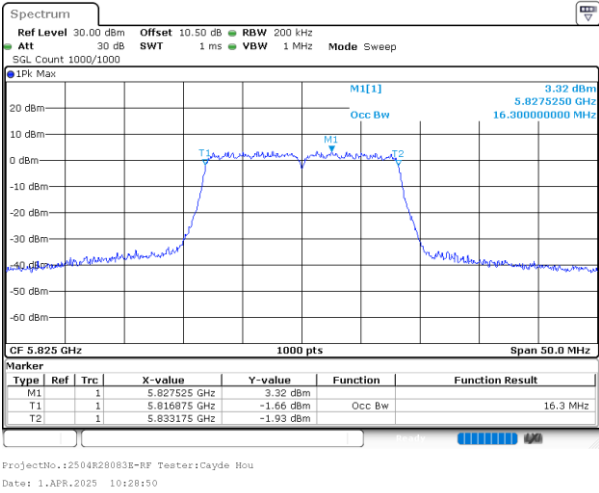
802.11a_5745MHz_Chain 0



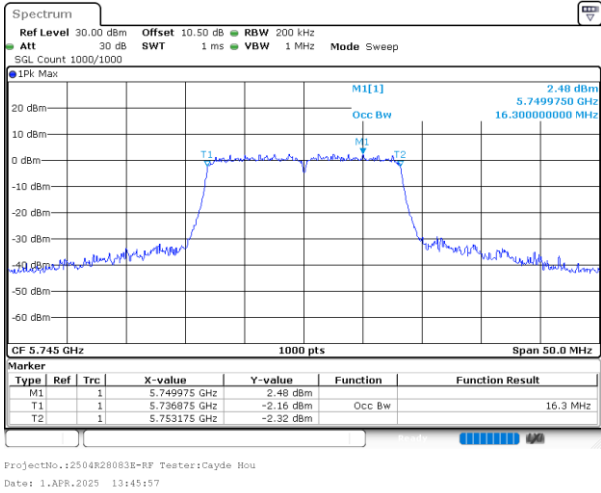
802.11a_5785MHz_Chain 0



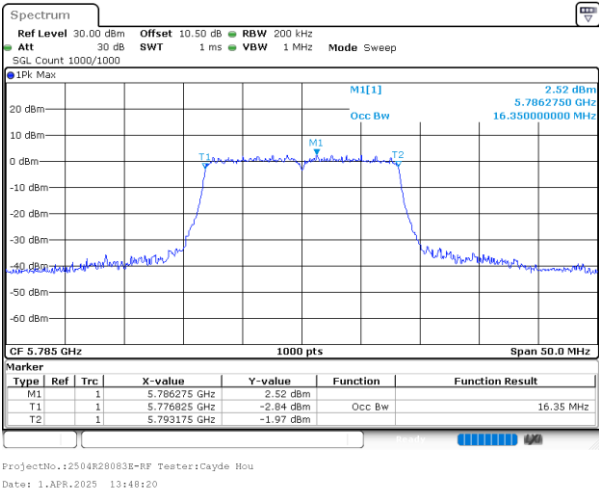
802.11a_5825MHz_Chain 0



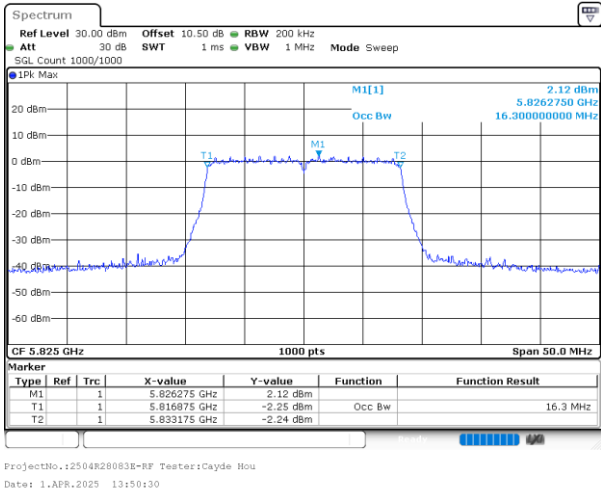
802.11a_5745MHz_Chain 1



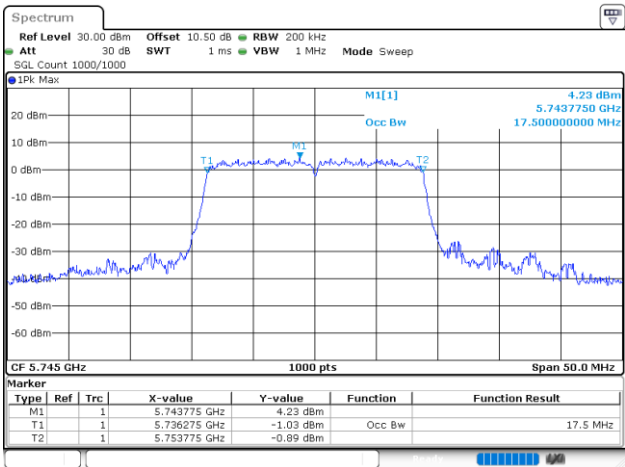
802.11a_5785MHz_Chain 1



802.11a_5825MHz_Chain 1

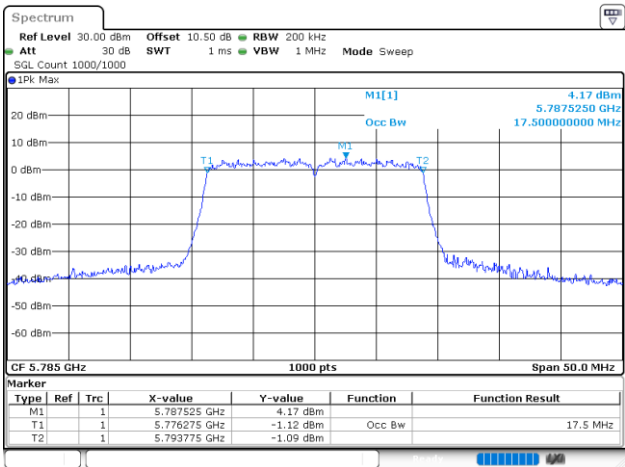


802.11n20_5745MHz_Chain 0



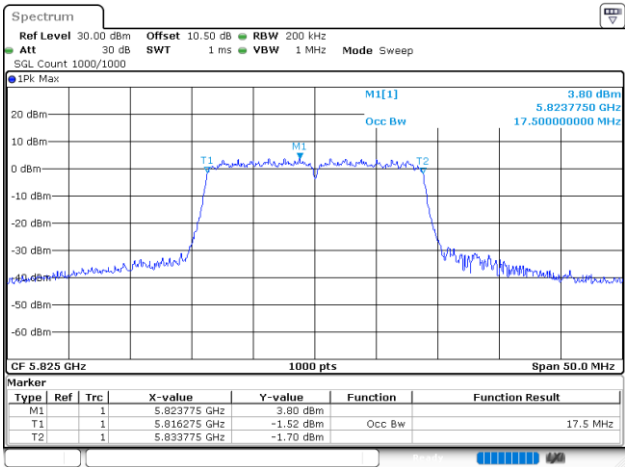
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 09:23:17

802.11n20_5785MHz_Chain 0



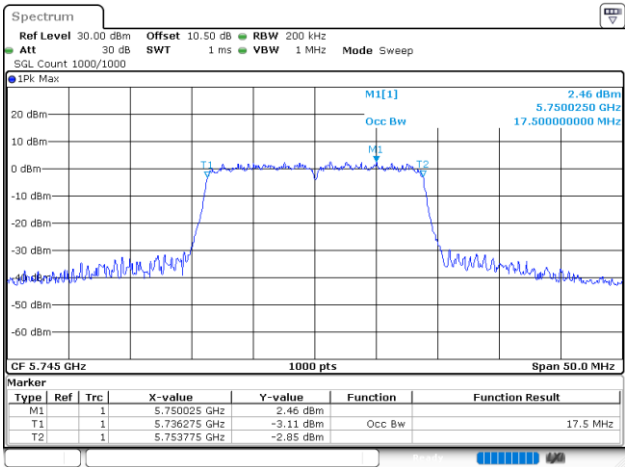
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 09:25:32

802.11n20_5825MHz_Chain 0



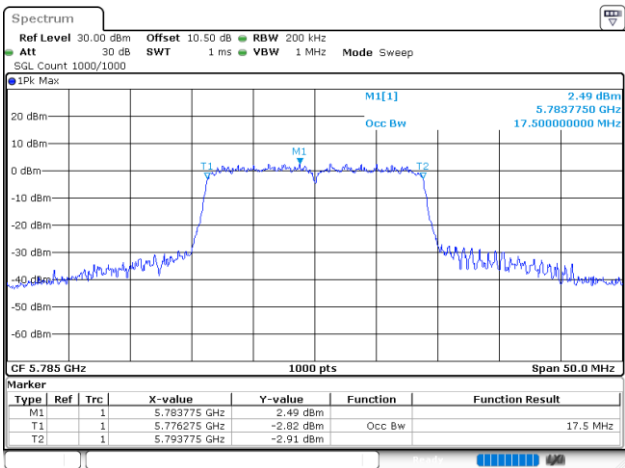
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 09:27:44

802.11n20_5745MHz_Chain 1



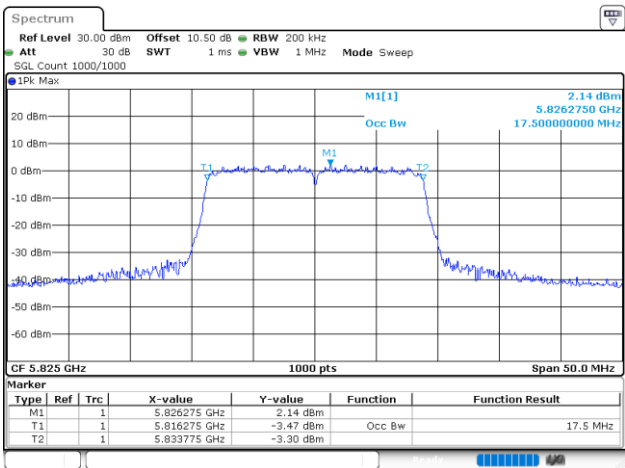
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 14:26:19

802.11n20_5785MHz_Chain 1



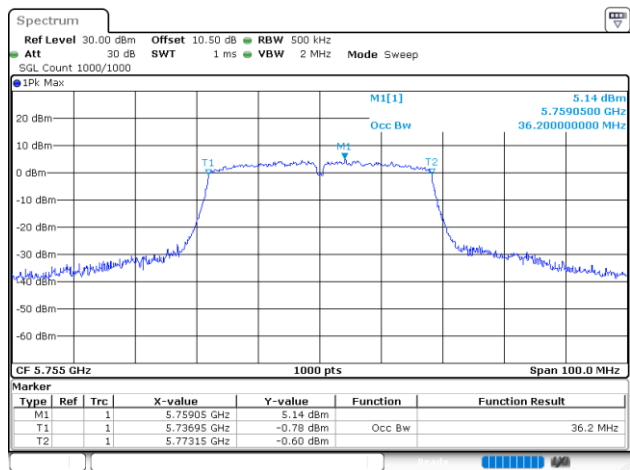
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 14:28:27

802.11n20_5825MHz_Chain 1



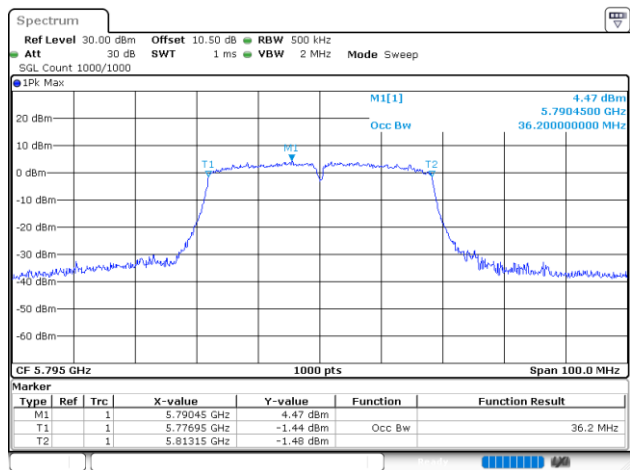
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 14:30:37

802.11n40_5755MHz_Chain 0



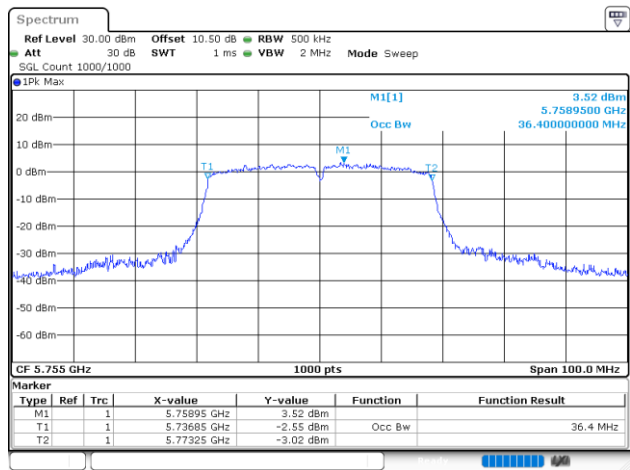
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 10:52:41

802.11n40_5795MHz_Chain 0



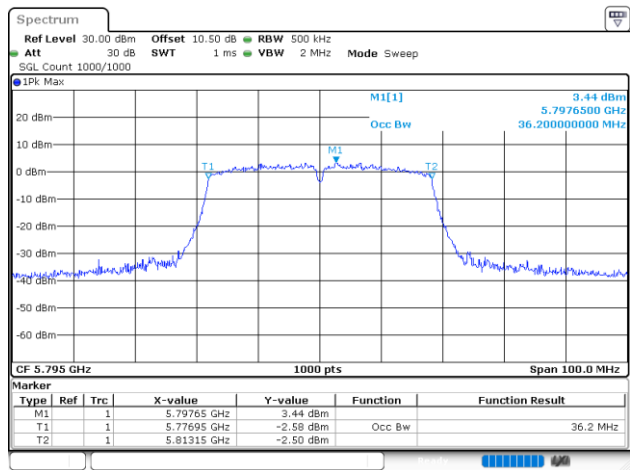
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 10:54:43

802.11n40_5755MHz_Chain 1



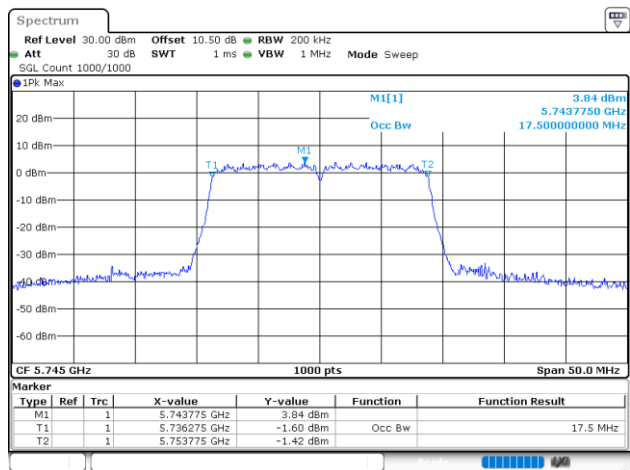
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 14:59:08

802.11n40_5795MHz_Chain 1



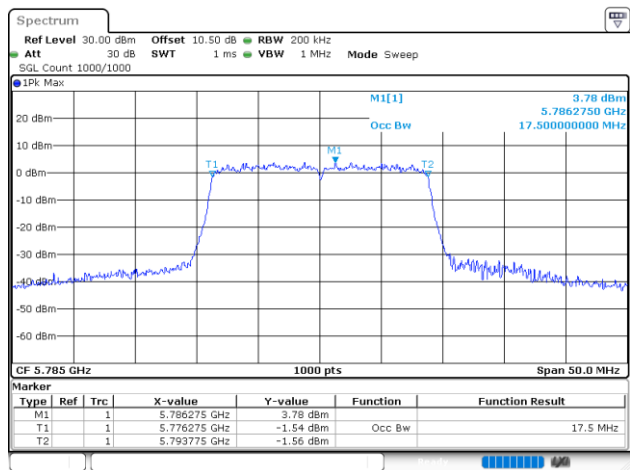
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 15:01:00

802.11ac20_5745MHz_Chain 0



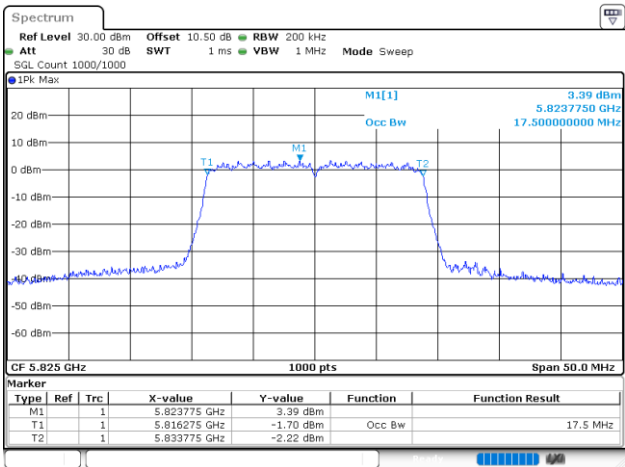
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 11:23:01

802.11ac20_5785MHz_Chain 0



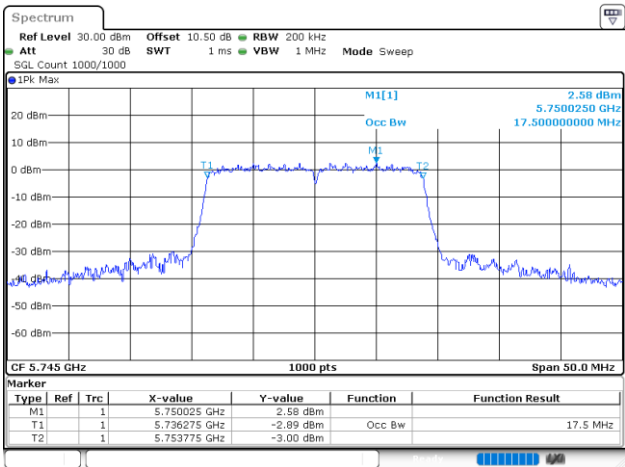
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 11:25:21

802.11ac20_5825MHz_Chain 0



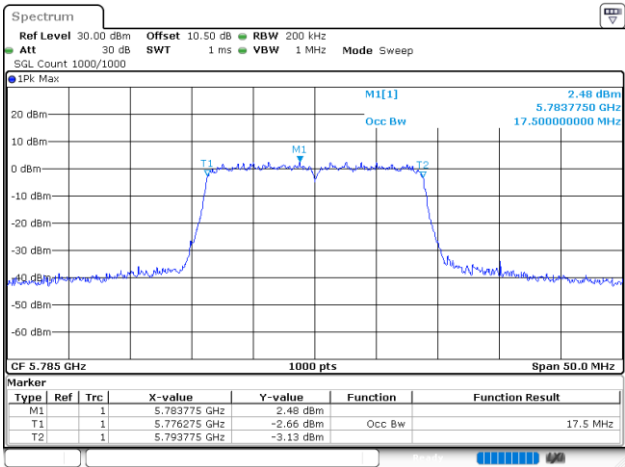
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 11:27:47

802.11ac20_5745MHz_Chain 1



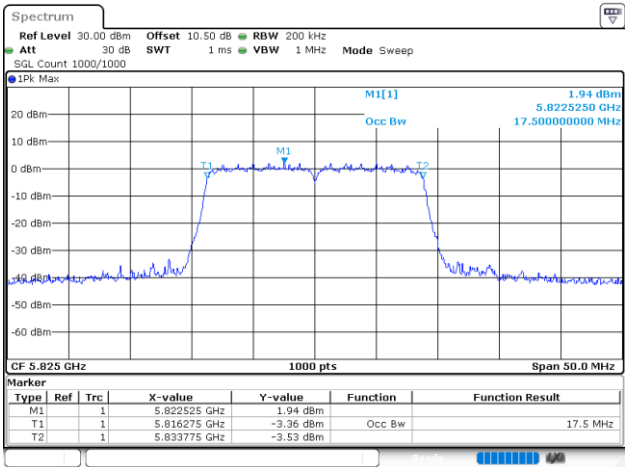
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 15:35:17

802.11ac20_5785MHz_Chain 1



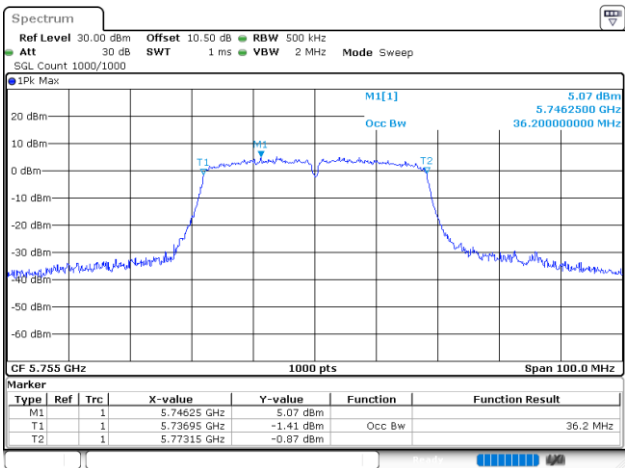
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 15:37:44

802.11ac20_5825MHz_Chain 1



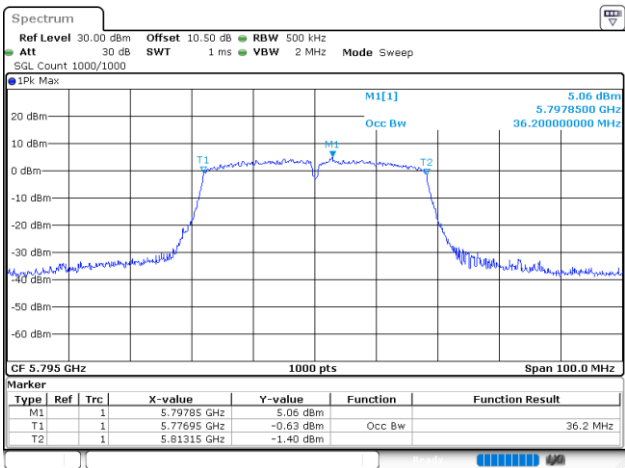
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 15:40:13

802.11ac40_5755MHz_Chain 0



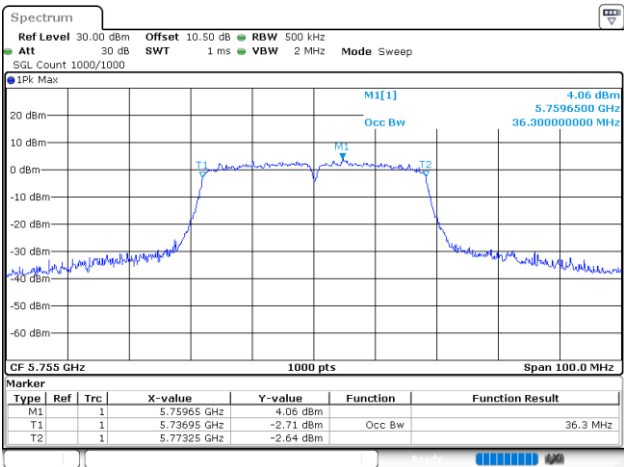
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 11:48:28

802.11ac40_5795MHz_Chain 0



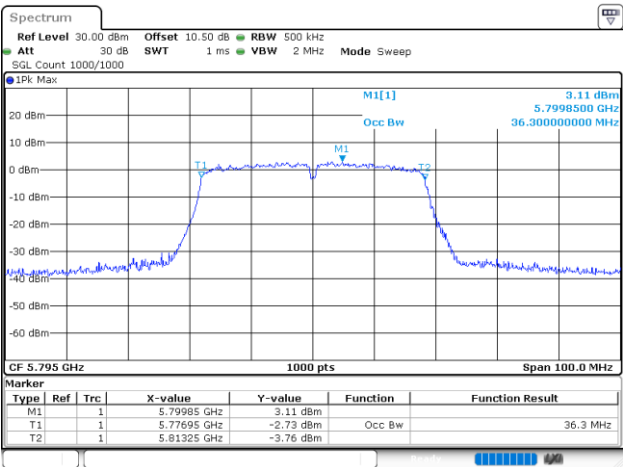
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 11:50:26

802.11ac40_5755MHz_Chain 1



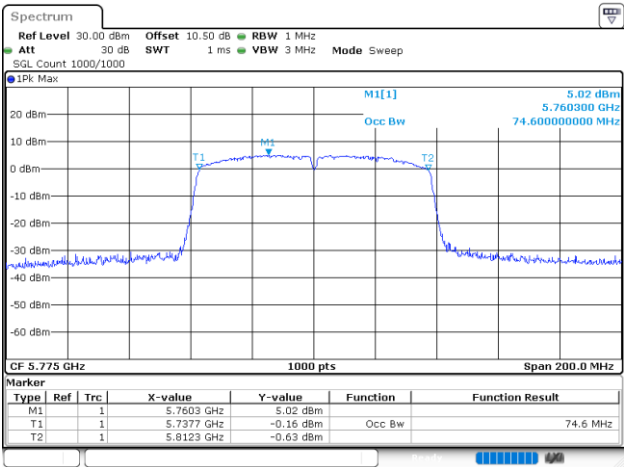
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 16:03:49

802.11ac40_5795MHz_Chain 1



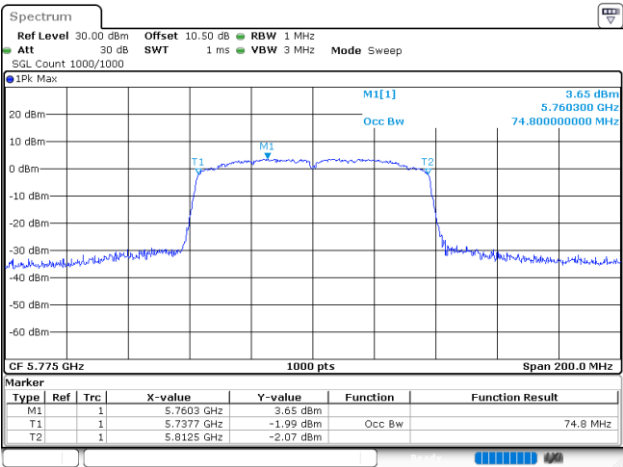
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 16:05:47

802.11ac80_5775MHz_Chain 0



ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 13:10:44

802.11ac80_5775MHz_Chain 1



ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 16:19:22

Maximum Conducted Output Power

5150-5250MHz

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	Chain 0	5180	12.45	24	Pass
		5200	12.75	24	Pass
		5240	13.06	24	Pass
	Chain 1	5180	8.37	24	Pass
		5200	8.18	24	Pass
		5240	8.09	24	Pass
802.11n20	Chain 0	5180	12.55	24	Pass
		5200	12.84	24	Pass
		5240	13.02	24	Pass
	Chain 1	5180	8.41	24	Pass
		5200	8.3	24	Pass
		5240	8.07	24	Pass
	Chain 0+Chain 1	5180	13.95	23.02	Pass
		5200	14.13	23.02	Pass
		5240	14.21	23.02	Pass
802.11n40	Chain 0	5190	12.42	24	Pass
		5230	12.92	24	Pass
	Chain 1	5190	8.21	24	Pass
		5230	7.94	24	Pass
	Chain 0+Chain 1	5190	13.71	23.02	Pass
		5230	14.01	23.02	Pass
802.11ac20	Chain 0	5180	12.4	24	Pass
		5200	12.73	24	Pass
		5240	12.91	24	Pass
	Chain 1	5180	8.29	24	Pass
		5200	8.15	24	Pass
		5240	8.02	24	Pass
	Chain 0+Chain 1	5180	13.82	23.02	Pass
		5200	14.03	23.02	Pass
		5240	14.13	23.02	Pass
802.11ac40	Chain 0	5190	12.24	24	Pass
		5230	12.62	24	Pass

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11ac40	Chain 1	5190	7.92	24	Pass
		5230	7.87	24	Pass
	Chain 0+Chain 1	5190	13.61	23.02	Pass
		5230	13.87	23.02	Pass
802.11ac80	Chain 0	5210	13.0	24	Pass
	Chain 1	5210	8.52	24	Pass
	Chain 0+Chain 1	5210	14.32	23.02	Pass

Note:

Beamforming Mode:Array Gain=10 log(N_{ANT}/N_{ss}) dB.

Directional gain=3.98dBi+3dBi=6.98dBi

The limit for MIMO mode was calculated with the gain of Beamforming mode 6.98dBi.

5250-5350MHz

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	Chain 0	5260	13.14	24	Pass
		5280	12.83	24	Pass
		5320	12.31	24	Pass
	Chain 1	5260	7.38	24	Pass
		5280	7.2	24	Pass
		5320	6.91	24	Pass
802.11n20	Chain 0	5260	13.56	24	Pass
		5280	13.34	24	Pass
		5320	12.75	24	Pass
	Chain 1	5260	7.41	24	Pass
		5280	7.27	24	Pass
		5320	6.99	24	Pass
	Chain 0+Chain 1	5260	14.41	22.44	Pass
		5280	14.21	22.44	Pass
		5320	13.68	22.44	Pass
802.11n40	Chain 0	5270	13.37	24	Pass
		5310	12.8	24	Pass
	Chain 1	5270	7.58	24	Pass
		5310	7.23	24	Pass
	Chain 0+Chain 1	5270	14.08	22.44	Pass
		5310	13.55	22.44	Pass
802.11ac20	Chain 0	5260	13.03	24	Pass
		5280	12.83	24	Pass
		5320	12.38	24	Pass
	Chain 1	5260	7.14	24	Pass
		5280	7.0	24	Pass
		5320	6.74	24	Pass
	Chain 0+Chain 1	5260	14.12	22.44	Pass
		5280	13.93	22.44	Pass
		5320	13.52	22.44	Pass

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11ac40	Chain 0	5270	13.14	24	Pass
		5310	12.57	24	Pass
	Chain 1	5270	7.43	24	Pass
		5310	7.09	24	Pass
	Chain 0+Chain 1	5270	13.89	22.44	Pass
		5310	13.37	22.44	Pass
802.11ac80	Chain 0	5290	13.11	24	Pass
	Chain 1	5290	7.22	24	Pass
	Chain 0+Chain 1	5290	14.40	22.44	Pass

Note:

Beamforming Mode:Array Gain=10 log(N_{ANT}/N_{SS}) dB.

Directional gain=4.56dBi+3dBi=7.56dBi

The limit for MIMO mode was calculated with the gain of Beamforming mode 7.56dBi.

5470-5725MHz

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	Chain 0	5500	11.66	24	Pass
		5580	12.82	24	Pass
		5700	13.89	24	Pass
		5720	12.99	24	Pass
	Chain 1	5500	8.24	24	Pass
		5580	10.28	24	Pass
		5700	11.6	24	Pass
		5720	10.66	24	Pass
802.11n20	Chain 0	5500	11.96	24	Pass
		5580	13.07	24	Pass
		5700	13.95	24	Pass
		5720	12.94	24	Pass
	Chain 1	5500	8.33	24	Pass
		5580	10.24	24	Pass
		5700	11.59	24	Pass
		5720	10.57	24	Pass
	Chain 0+Chain 1	5500	13.46	21.5	Pass
		5580	14.83	21.5	Pass
		5700	15.88	21.5	Pass
		5720	14.54	21.5	Pass
802.11n40	Chain 0	5510	11.41	24	Pass
		5550	12.02	24	Pass
		5670	13.42	24	Pass
		5710	13.02	24	Pass
	Chain 1	5510	8.36	24	Pass
		5550	9.22	24	Pass
		5670	11.01	24	Pass
		5710	10.93	24	Pass
	Chain 0+Chain 1	5510	13.27	21.5	Pass
		5550	13.96	21.5	Pass
		5670	15.50	21.5	Pass
		5710	14.61	21.5	Pass

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11n40	Chain 0	5510	11.41	24	Pass
		5550	12.02	24	Pass
		5670	13.42	24	Pass
		5710	13.02	24	Pass
	Chain 1	5510	8.36	24	Pass
		5550	9.22	24	Pass
		5670	11.01	24	Pass
		5710	10.93	24	Pass
	Chain 0+Chain 1	5510	13.27	21.5	Pass
		5550	13.96	21.5	Pass
		5670	15.50	21.5	Pass
		5710	14.61	21.5	Pass
802.11ac20	Chain 0	5500	11.68	24	Pass
		5580	12.91	24	Pass
		5700	13.96	24	Pass
		5720	13.04	24	Pass
	Chain 1	5500	8.46	24	Pass
		5580	10.31	24	Pass
		5700	11.61	24	Pass
		5720	10.58	24	Pass
	Chain 0+Chain 1	5500	13.18	21.5	Pass
		5580	14.62	21.5	Pass
		5700	15.76	21.5	Pass
		5720	14.44	21.5	Pass
802.11ac40	Chain 0	5510	12.05	24	Pass
		5550	12.53	24	Pass
		5670	13.91	24	Pass
		5710	13.5	24	Pass
	Chain 1	5510	8.75	24	Pass
		5550	9.75	24	Pass

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11ac40	Chain 1	5670	11.29	24	Pass
		5710	11.54	24	Pass
	Chain 0+Chain 1	5510	13.24	21.5	Pass
		5550	13.89	21.5	Pass
		5670	15.32	21.5	Pass
		5710	14.61	21.5	Pass
802.11ac80	Chain 0	5530	11.64	24	Pass
		5610	12.49	24	Pass
		5690	13.32	24	Pass
	Chain 1	5530	8.75	24	Pass
		5610	9.93	24	Pass
		5690	10.88	24	Pass
	Chain 0+Chain 1	5530	14.34	21.5	Pass
		5610	15.31	21.5	Pass
		5690	14.26	21.5	Pass

Note:

Beamforming Mode:Array Gain=10 log(N_{ANT}/N_{SS}) dB.

Directional gain=5.50dBi+3dBi=8.50dBi

The limit for MIMO mode was calculated with the gain of Beamforming mode 8.50dBi.

5725-5850MHz

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	Chain 0	5745	14.37	30	Pass
		5785	14.13	30	Pass
		5825	14.11	30	Pass
	Chain 1	5745	13.01	30	Pass
		5785	12.83	30	Pass
		5825	12.24	30	Pass
802.11n20	Chain 0	5745	14.64	30	Pass
		5785	14.54	30	Pass
		5825	14.12	30	Pass
	Chain 1	5745	12.81	30	Pass
		5785	12.73	30	Pass
		5825	12.43	30	Pass
	Chain 0+Chain 1	5745	16.85	27.19	Pass
		5785	16.76	27.19	Pass
		5825	16.39	27.19	Pass
802.11n40	Chain 0	5755	14.36	30	Pass
		5795	13.95	30	Pass
	Chain 1	5755	13.01	30	Pass
		5795	12.65	30	Pass
	Chain 0+Chain 1	5755	16.50	27.19	Pass
		5795	16.11	27.19	Pass
802.11ac20	Chain 0	5745	14.17	30	Pass
		5785	14.01	30	Pass
		5825	13.64	30	Pass
	Chain 1	5745	12.56	30	Pass
		5785	12.55	30	Pass
		5825	12.31	30	Pass
	Chain 0+Chain 1	5745	16.53	27.19	Pass
		5785	16.43	27.19	Pass
		5825	16.12	27.19	Pass

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11ac40	Chain 0	5755	14.08	30	Pass
		5795	13.76	30	Pass
	Chain 1	5755	12.36	30	Pass
		5795	12.52	30	Pass
	Chain 0+Chain 1	5755	16.23	27.19	Pass
		5795	16.11	27.19	Pass
802.11ac80	Chain 0	5775	14.48	30	Pass
	Chain 1	5775	13.17	30	Pass
	Chain 0+Chain 1	5775	17.11	27.19	Pass

Note:

Beamforming Mode:Array Gain=10 log(N_{ANT}/N_{SS}) dB.

Directional gain=5.81dBi+3dBi=8.81dBi

The limit for MIMO mode was calculated with the gain of Beamforming mode 8.81dBi.

Power Spectral Density

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	1.24	0.40	1.64	11	Pass
		5200	1.49	0.40	1.89	11	Pass
		5240	1.65	0.40	2.05	11	Pass
	Chain 1	5180	-3.07	0.40	-2.67	11	Pass
		5200	-2.94	0.40	-2.54	11	Pass
		5240	-3.22	0.40	-2.82	11	Pass
802.11n20	Chain 0	5180	0.99	/	/	11	Pass
		5200	1.39	/	/	11	Pass
		5240	1.77	/	/	11	Pass
	Chain 1	5180	-3.16	/	/	11	Pass
		5200	-3.36	/	/	11	Pass
		5240	-3.41	/	/	11	Pass
	Chain 0+Chain 1	5180	2.40	0.31	2.71	10.02	Pass
		5200	2.64	0.31	2.95	10.02	Pass
		5240	2.92	0.31	3.23	10.02	Pass
802.11n40	Chain 0	5190	-2.00	/	/	11	Pass
		5230	-2.04	/	/	11	Pass
	Chain 1	5190	-6.26	/	/	11	Pass
		5230	-6.07	/	/	11	Pass
	Chain 0+Chain 1	5190	-0.62	0.72	0.10	10.02	Pass
		5230	-0.59	0.72	0.13	10.02	Pass
802.11ac20	Chain 0	5180	0.81	/	/	11	Pass
		5200	1.36	/	/	11	Pass
		5240	1.46	/	/	11	Pass
	Chain 1	5180	-3.07	/	/	11	Pass
		5200	-3.40	/	/	11	Pass
		5240	-3.38	/	/	11	Pass
	Chain 0+Chain 1	5180	2.30	0.36	2.66	10.02	Pass
		5200	2.61	0.36	2.97	10.02	Pass
		5240	2.69	0.36	3.05	10.02	Pass
802.11ac40	Chain 0	5190	-2.20	/	/	11	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ac40	Chain 0	5230	-1.56	/	/	11	Pass
	Chain 1	5190	-6.30	/	/	11	Pass
		5230	-6.54	/	/	11	Pass
	Chain 0+Chain 1	5190	-0.77	0.55	-0.22	10.02	Pass
		5230	-0.36	0.55	0.19	10.02	Pass
802.11ac80	Chain 0	5210	-5.33	/	/	11	Pass
	Chain 1	5210	-10.02	/	/	11	Pass
	Chain 0+Chain 1	5210	-4.06	1.92	-2.14	10.02	Pass

Note:

Result = Reading + Duty Cycle Factor

The limit for MIMO mode was calculated with the gain of Beamforming mode 6.98dBi.

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	1.79	0.20	1.99	11	Pass
		5280	1.99	0.20	2.19	11	Pass
		5320	1.30	0.20	1.50	11	Pass
	Chain 1	5260	-3.96	0.20	-3.76	11	Pass
		5280	-3.68	0.20	-3.48	11	Pass
		5320	-4.14	0.20	-3.94	11	Pass
802.11n20	Chain 0	5260	2.05	/	/	11	Pass
		5280	1.97	/	/	11	Pass
		5320	1.26	/	/	11	Pass
	Chain 1	5260	-4.11	/	/	11	Pass
		5280	-4.10	/	/	11	Pass
		5320	-4.62	/	/	11	Pass
	Chain 0+Chain 1	5260	2.99	0.31	3.30	9.44	Pass
		5280	2.93	0.31	3.24	9.44	Pass
		5320	2.26	0.31	2.57	9.44	Pass
802.11n40	Chain 0	5270	-1.73	/	/	11	Pass
		5310	-2.13	/	/	11	Pass
	Chain 1	5270	-7.16	/	/	11	Pass
		5310	-7.56	/	/	11	Pass
	Chain 0+Chain 1	5270	-0.64	0.72	0.08	9.44	Pass
		5310	-1.04	0.72	-0.32	9.44	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ac20	Chain 0	5260	1.71	/	/	11	Pass
		5280	1.41	/	/	11	Pass
		5320	0.98	/	/	11	Pass
	Chain 1	5260	-3.91	/	/	11	Pass
		5280	-4.18	/	/	11	Pass
		5320	-4.35	/	/	11	Pass
	Chain 0+Chain 1	5260	2.76	0.36	3.12	9.44	Pass
		5280	2.47	0.36	2.83	9.44	Pass
		5320	2.10	0.36	2.46	9.44	Pass
802.11ac40	Chain 0	5270	-1.39	/	/	11	Pass
		5310	-1.92	/	/	11	Pass
	Chain 1	5270	-7.75	/	/	11	Pass
		5310	-7.42	/	/	11	Pass
	Chain 0+Chain 1	5270	-0.49	0.55	0.06	9.44	Pass
		5310	-0.84	0.55	-0.29	9.44	Pass
802.11ac80	Chain 0	5290	-5.11	/	/	11	Pass
	Chain 1	5290	-11.15	/	/	11	Pass
	Chain 0+Chain 1	5290	-4.14	1.92	-2.22	9.44	Pass

Note:
Result = Reading + Duty Cycle Factor
The limit for MIMO mode was calculated with the gain of Beamforming mode 7.56dBi.

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	0.47	0.36	0.83	11	Pass
		5580	1.73	0.36	2.09	11	Pass
		5700	2.60	0.36	2.96	11	Pass
		5720	2.28	0.36	2.64	11	Pass
			2.81	0.36	3.17	30	Pass
	Chain 1	5500	-2.57	0.36	-2.21	11	Pass
		5580	-0.67	0.36	-0.31	11	Pass
		5700	0.32	0.36	0.68	11	Pass
		5720	-0.13	0.36	0.23	11	Pass
			0.43	0.36	0.79	30	Pass
802.11n20	Chain 0	5500	0.47	/	/	11	Pass
		5580	1.72	/	/	11	Pass
		5700	2.40	/	/	11	Pass
		5720	1.99	/	1.99	11	Pass
			2.61	/	2.61	30	Pass
	Chain 1	5500	-3.06	/	/	11	Pass
		5580	-1.12	/	/	11	Pass
		5700	0.11	/	/	11	Pass
		5720	-0.25	/	-0.25	11	Pass
			0.07	/	0.07	30	Pass
	Chain 0+Chain 1	5500	2.06	0.31	2.37	8.5	Pass
		5580	3.54	0.31	3.85	8.5	Pass
		5700	4.41	0.31	4.72	8.5	Pass
		5720	4.02	0.31	4.33	8.5	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11n40	Chain 0	5510	-2.72	/	/	11	Pass
		5550	-2.38	/	/	11	Pass
		5670	-0.71	/	/	11	Pass
		5710	-2.49	/	-2.49	11	Pass
			-0.54	/	-0.54	30	Pass
	Chain 1	5510	-5.91	/	/	11	Pass
		5550	-5.10	/	/	11	Pass
		5670	-3.14	/	/	11	Pass
		5710	-5.00	/	-5.00	11	Pass
			-3.05	/	-3.05	30	Pass
	Chain 0+Chain 1	5510	-1.02	0.72	-0.30	8.5	Pass
		5550	-0.52	0.72	0.20	8.5	Pass
		5670	1.25	0.72	1.97	8.5	Pass
		5710	-0.56	0.72	0.16	8.5	Pass
802.11ac20	Chain 0	5500	0.04	/	/	11	Pass
		5580	1.16	/	/	11	Pass
		5700	2.27	/	/	11	Pass
		5720	1.95	/	1.95	11	Pass
			2.27	/	2.27	30	Pass
	Chain 1	5500	-3.10	/	/	11	Pass
		5580	-1.21	/	/	11	Pass
		5700	0.07	/	/	11	Pass
		5720	-0.21	/	-0.21	11	Pass
			0.16	/	0.16	30	Pass
	Chain 0+Chain 1	5500	1.76	0.36	2.12	8.5	Pass
		5580	3.15	0.36	3.51	8.5	Pass
		5700	4.32	0.36	4.68	8.5	Pass
		5720	4.01	0.36	4.37	8.5	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ac40	Chain 0	5510	-2.94	/	/	11	Pass
		5550	-2.19	/	/	11	Pass
		5670	-1.16	/	/	11	Pass
		5710	-2.88	/	-2.88	11	Pass
			-1.08	/	-1.08	30	Pass
	Chain 1	5510	-6.07	/	/	11	Pass
		5550	-5.15	/	/	11	Pass
		5670	-3.20	/	/	11	Pass
		5710	-4.86	/	-4.86	11	Pass
			-3.14	/	-3.14	30	Pass
	Chain 0+Chain 1	5510	-1.22	0.55	-0.67	8.5	Pass
		5550	-0.41	0.55	0.14	8.5	Pass
		5670	0.95	0.55	1.50	8.5	Pass
		5710	-0.75	0.55	-0.20	8.5	Pass
802.11ac80	Chain 0	5530	-5.61	/	/	11	Pass
		5610	-4.99	/	/	11	Pass
		5690	-8.33	/	-8.33	11	Pass
			-4.26	/	-4.26	30	Pass
	Chain 1	5530	-8.50	/	/	11	Pass
		5610	-8.30	/	/	11	Pass
		5690	-10.76	/	-10.76	11	Pass
			-6.91	/	-6.91	30	Pass
	Chain 0+Chain 1	5530	-3.81	1.92	-1.89	8.5	Pass
		5610	-3.33	1.92	-1.41	8.5	Pass
		5690	-6.37	1.92	-4.45	8.5	Pass

Note:
Result = Reading + Duty Cycle Factor
The limit for MIMO mode was calculated with the gain of Beamforming mode 8.50dBi.

5725-5850MHz

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor(dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
802.11a	Chain 0	5745	0.44	0.42	0.86	30	Pass
		5785	0.18	0.42	0.60	30	Pass
		5825	-0.08	0.42	0.34	30	Pass
	Chain 1	5745	-1.28	0.42	-0.86	30	Pass
		5785	-1.28	0.42	-0.86	30	Pass
		5825	-1.95	0.42	-1.53	30	Pass
802.11n20	Chain 0	5745	0.15	/	/	30	Pass
		5785	0.19	/	/	30	Pass
		5825	-0.38	/	/	30	Pass
	Chain 1	5745	-1.95	/	/	30	Pass
		5785	-1.52	/	/	30	Pass
		5825	-2.11	/	/	30	Pass
	Chain 0+Chain 1	5745	2.24	0.31	2.55	27.19	Pass
		5785	2.43	0.31	2.74	27.19	Pass
		5825	1.85	0.31	2.16	27.19	Pass
802.11n40	Chain 0	5755	-2.85	/	/	30	Pass
		5795	-3.57	/	/	30	Pass
	Chain 1	5755	-4.45	/	/	30	Pass
		5795	-4.76	/	/	30	Pass
	Chain 0+Chain 1	5755	-0.57	0.72	0.15	27.19	Pass
		5795	-1.11	0.72	-0.39	27.19	Pass
802.11ac20	Chain 0	5745	-0.13	/	/	30	Pass
		5785	-0.40	/	/	30	Pass
		5825	-0.61	/	/	30	Pass
	Chain 1	5745	-1.86	/	/	30	Pass
		5785	-1.75	/	/	30	Pass
		5825	-1.97	/	/	30	Pass
	Chain 0+Chain 1	5745	2.10	0.36	2.46	27.19	Pass
		5785	1.99	0.36	2.35	27.19	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor(dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
802.11ac20	Chain 0+Chain 1	5825	1.77	0.36	2.13	27.19	Pass
802.11ac40	Chain 0	5755	-3.08	/	/	30	Pass
		5795	-3.60	/	/	30	Pass
	Chain 1	5755	-4.87	/	/	30	Pass
		5795	-4.77	/	/	30	Pass
	Chain 0+Chain 1	5755	-0.87	0.55	-0.32	27.19	Pass
		5795	-1.14	0.55	-0.59	27.19	Pass
802.11ac80	Chain 0	5775	-6.98	/	/	30	Pass
	Chain 1	5775	-8.48	/	/	30	Pass
	Chain 0+Chain 1	5775	-4.66	1.92	-2.74	27.19	Pass

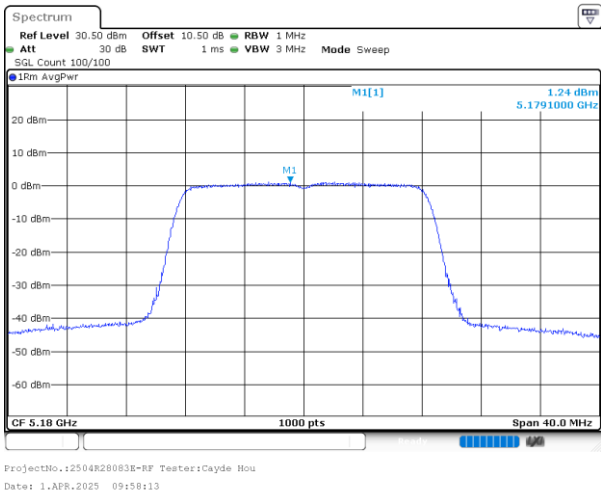
Note:

Result = Reading + Duty Cycle Factor

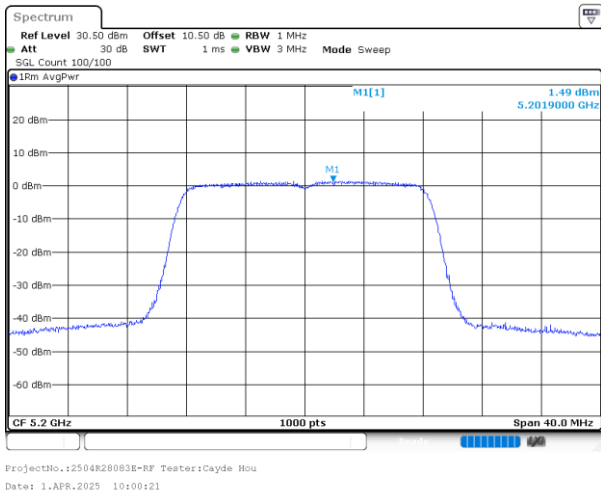
The limit for MIMO mode was calculated with the gain of Beamforming mode 8.81dBi.

5150-5250MHz

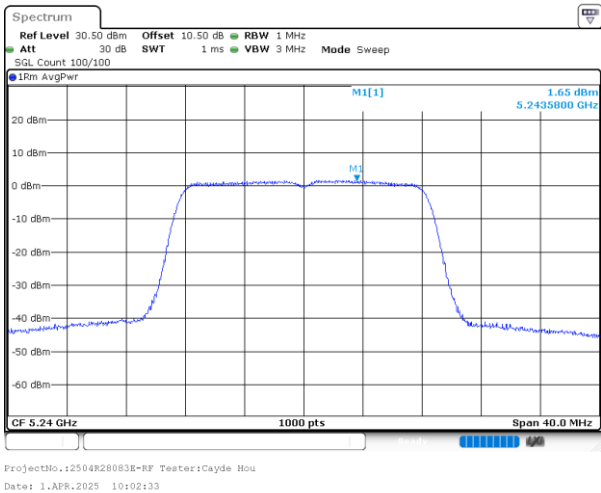
802.11a_5180MHz_Chain 0



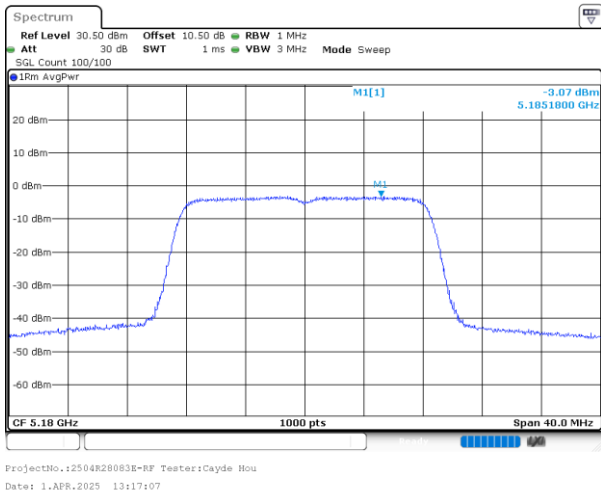
802.11a_5200MHz_Chain 0



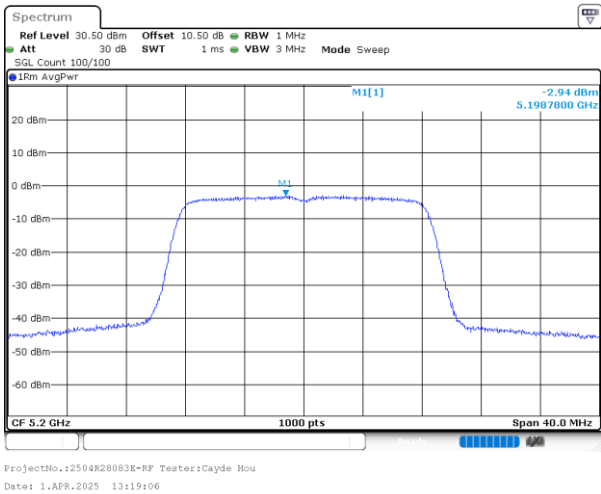
802.11a_5240MHz_Chain 0



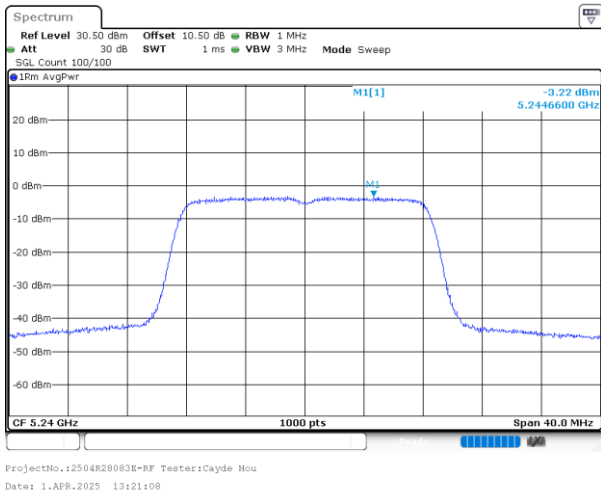
802.11a_5180MHz_Chain 1



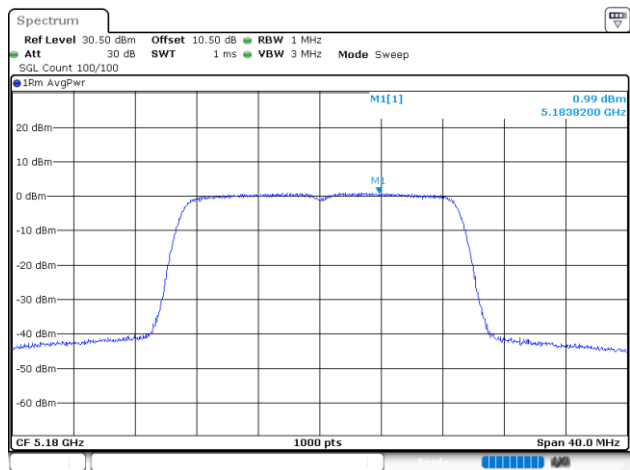
802.11a_5200MHz_Chain 1



802.11a_5240MHz_Chain 1

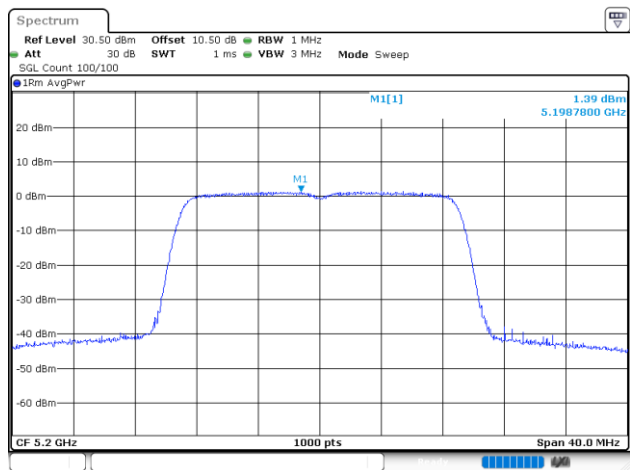


802.11n20_5180MHz_Chain 0



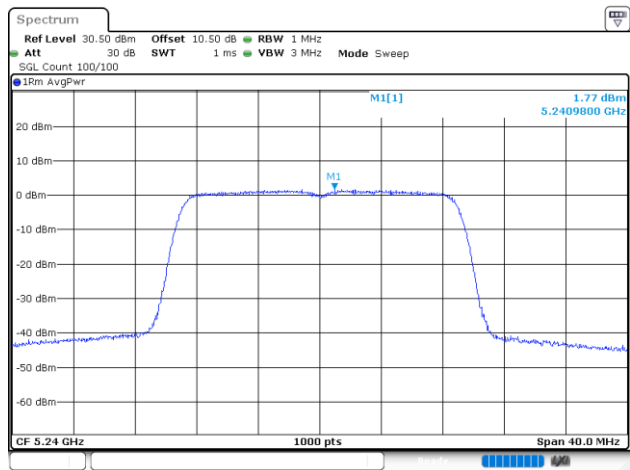
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 09:44:31

802.11n20_5200MHz_Chain 0



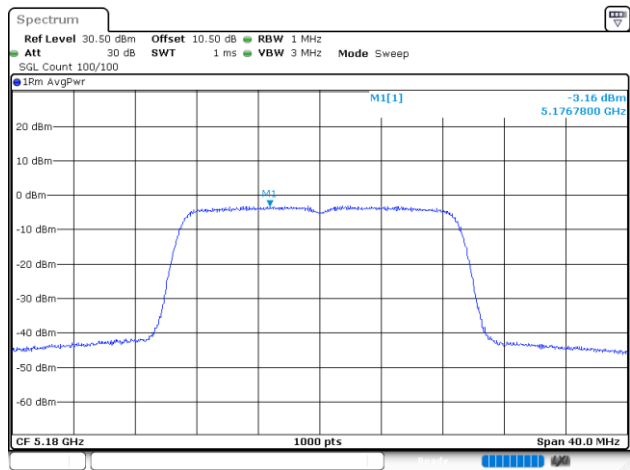
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 09:46:38

802.11n20_5240MHz_Chain 0



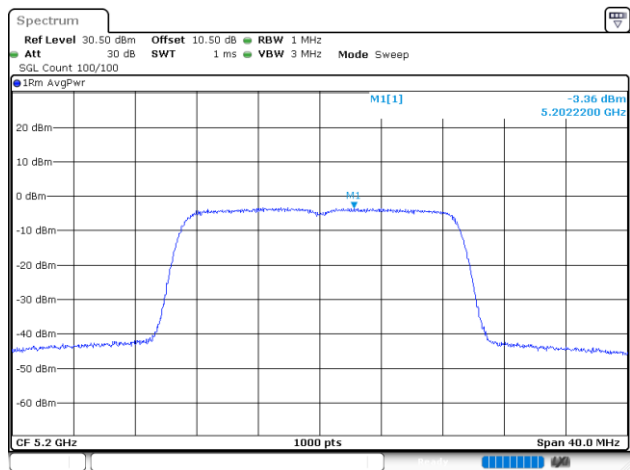
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 09:48:46

802.11n20_5180MHz_Chain 1



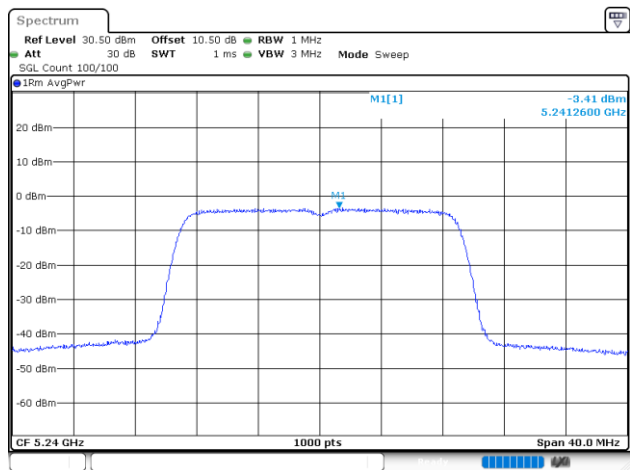
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 13:56:08

802.11n20_5200MHz_Chain 1



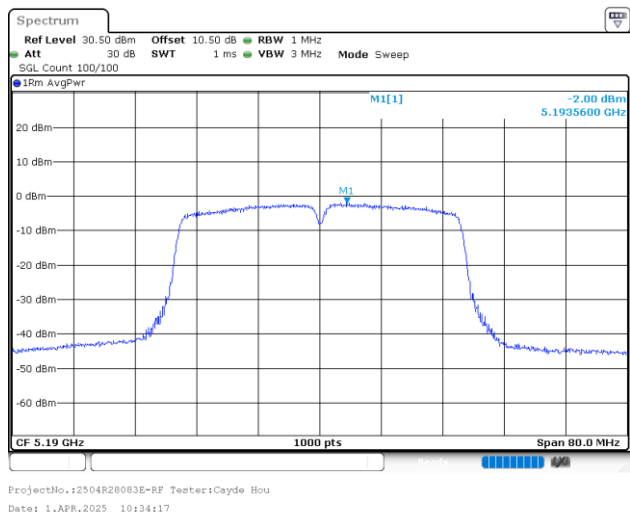
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 13:58:21

802.11n20_5240MHz_Chain 1

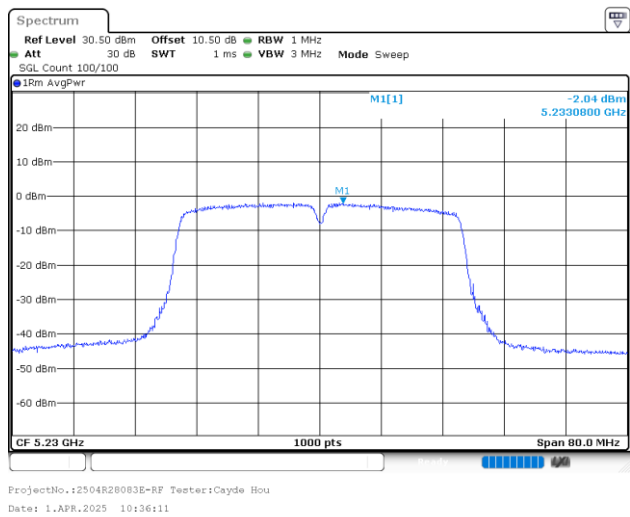


ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 14:00:32

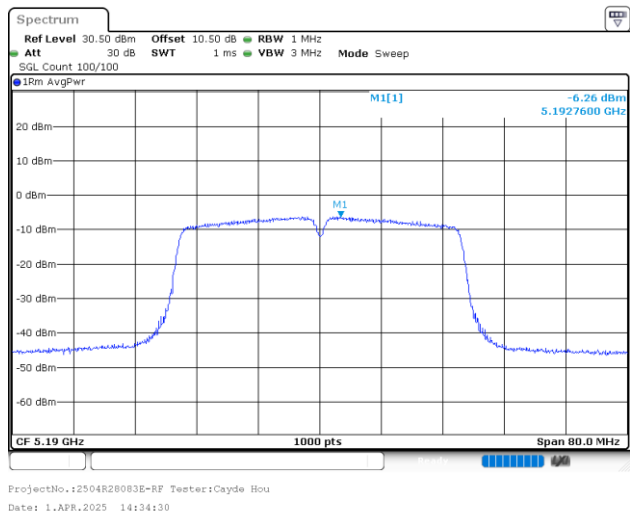
802.11n40_5190MHz_Chain 0



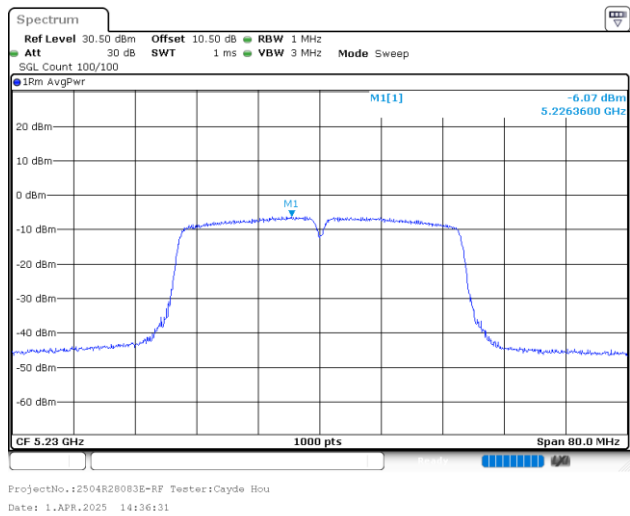
802.11n40_5230MHz_Chain 0



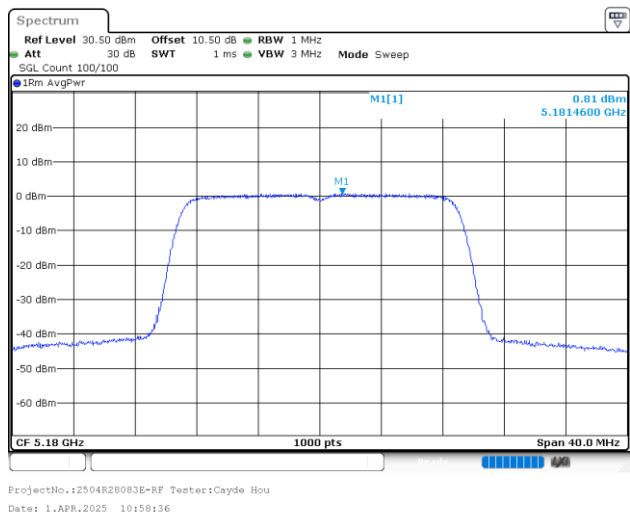
802.11n40_5190MHz_Chain 1



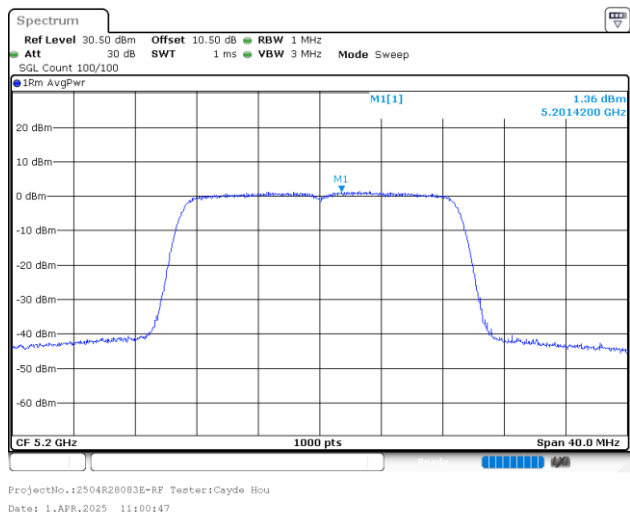
802.11n40_5230MHz_Chain 1



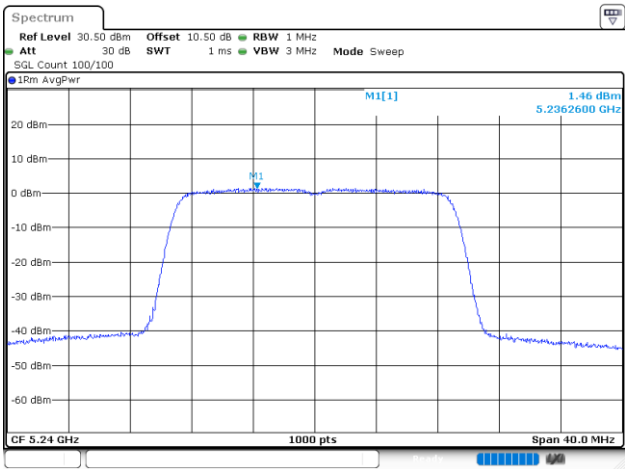
802.11ac20_5180MHz_Chain 0



802.11ac20_5200MHz_Chain 0

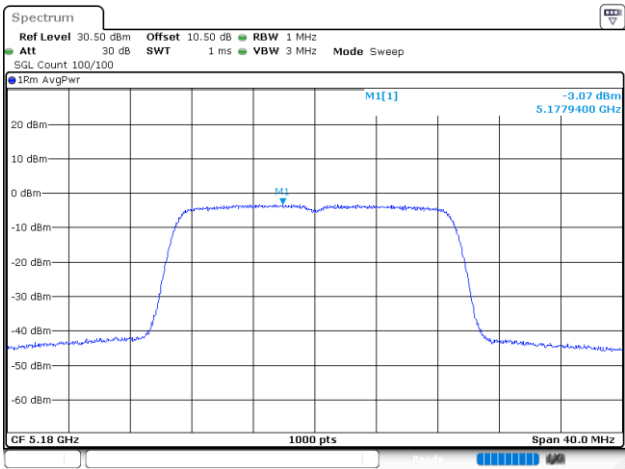


802.11ac20_5240MHz_Chain 0



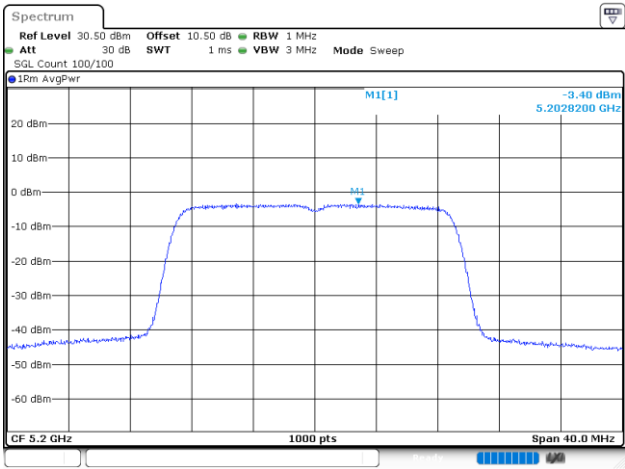
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 11:03:01

802.11ac20_5180MHz_Chain 1



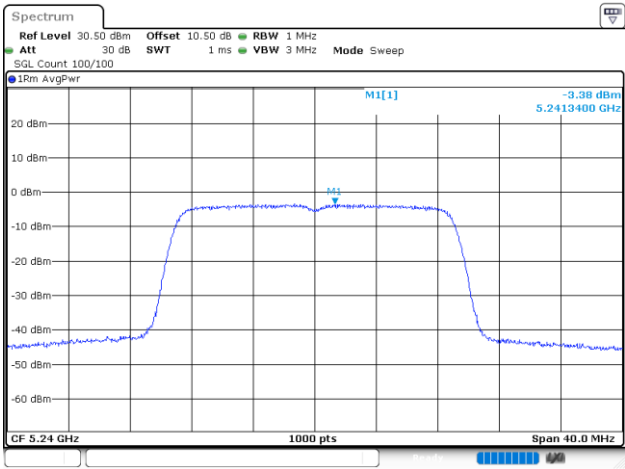
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 15:05:26

802.11ac20_5200MHz_Chain 1



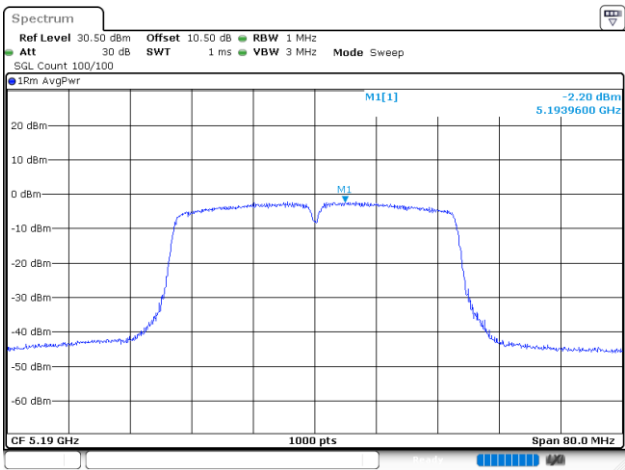
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 15:07:28

802.11ac20_5240MHz_Chain 1



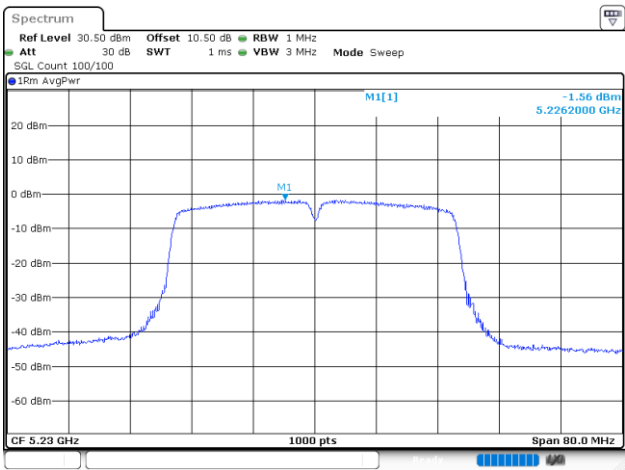
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 15:09:54

802.11ac40_5190MHz_Chain 0



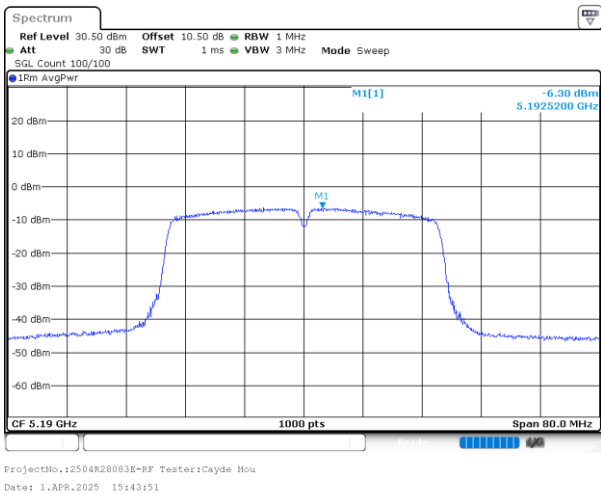
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 11:31:29

802.11ac40_5230MHz_Chain 0

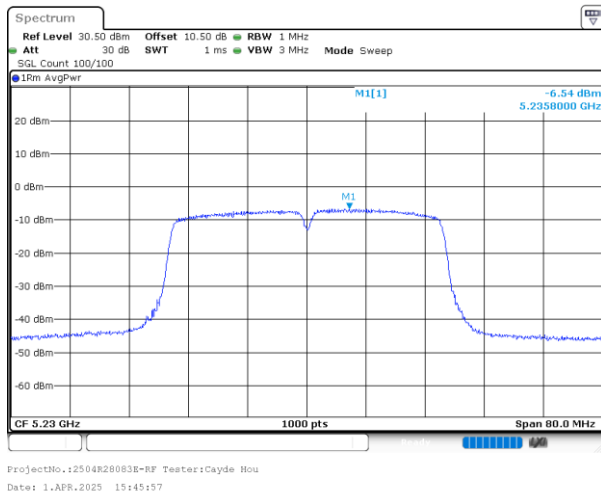


ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 11:33:27

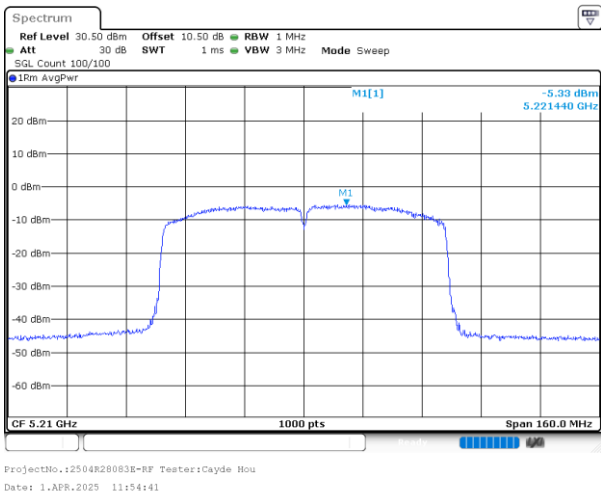
802.11ac40_5190MHz_Chain 1



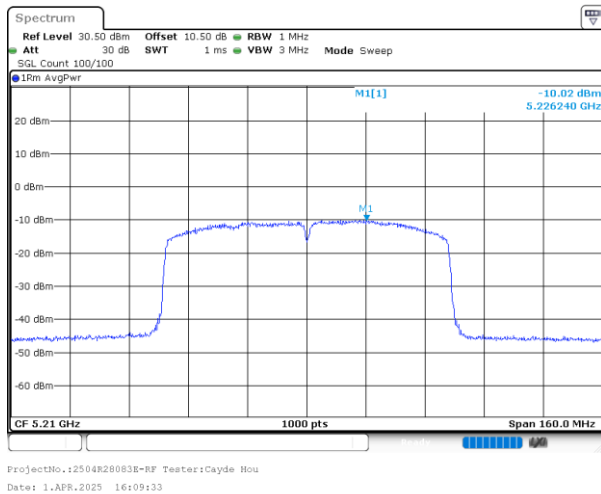
802.11ac40_5230MHz_Chain 1



802.11ac80_5210MHz_Chain 0

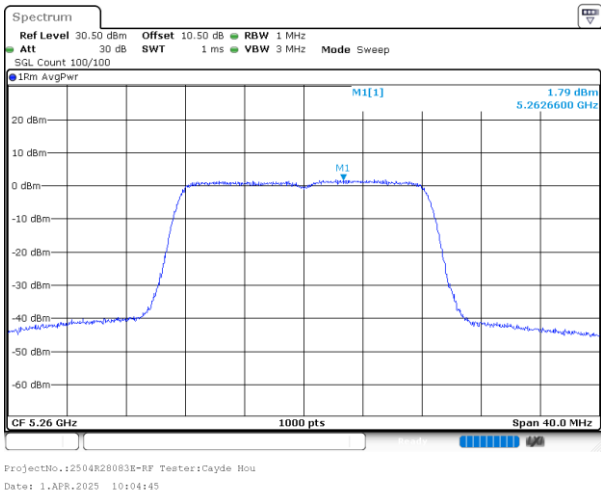


802.11ac80_5210MHz_Chain 1

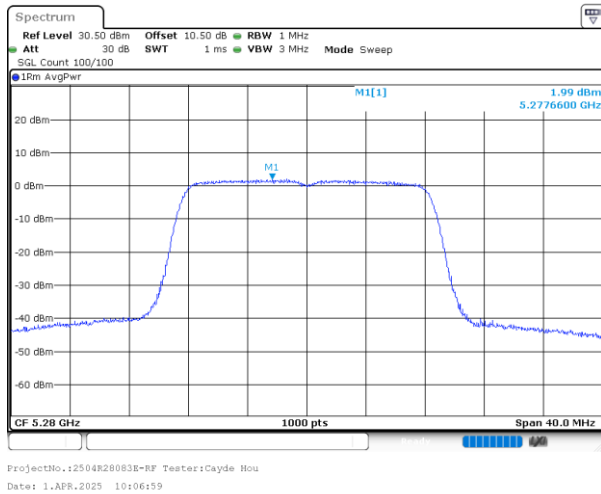


5250-5350MHz

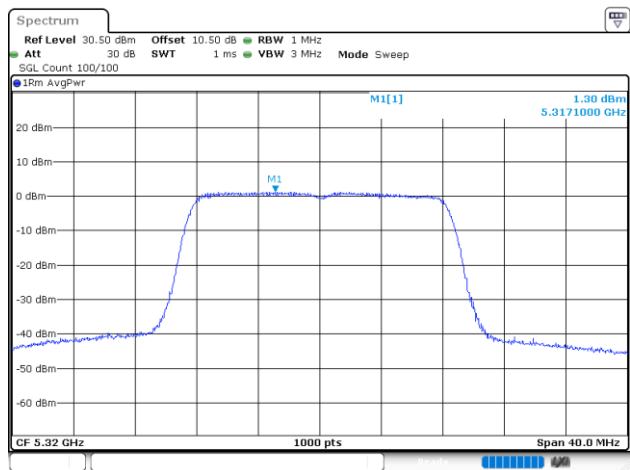
802.11a_5260MHz_Chain 0



802.11a_5280MHz_Chain 0

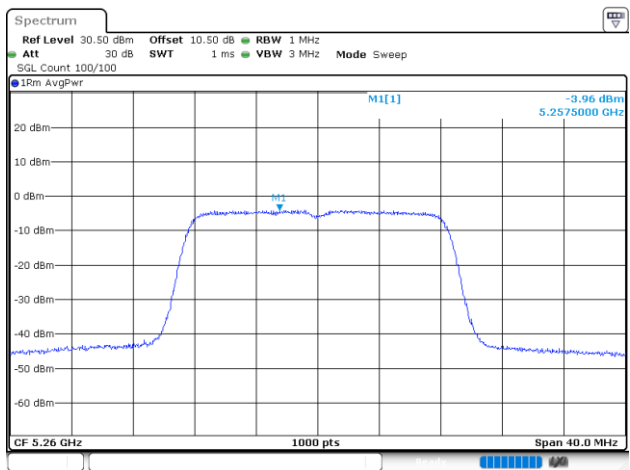


802.11a_5320MHz_Chain 0



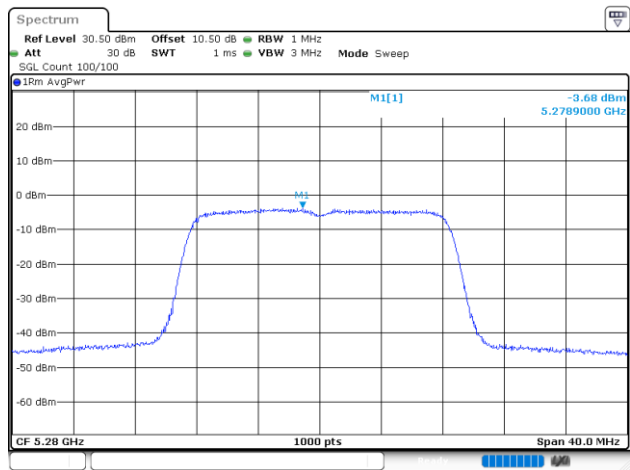
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 10:09:34

802.11a_5260MHz_Chain 1



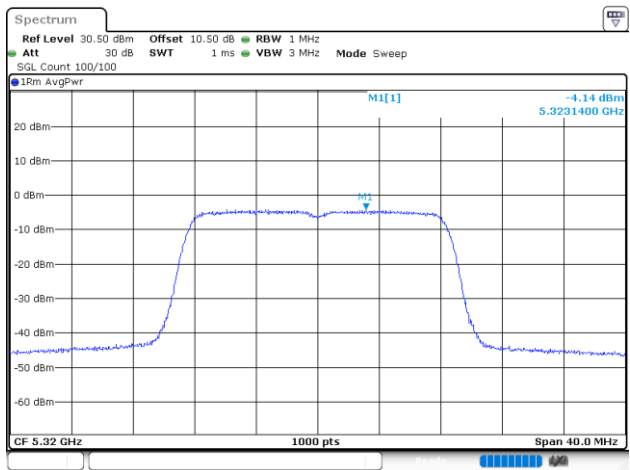
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 13:23:12

802.11a_5280MHz_Chain 1



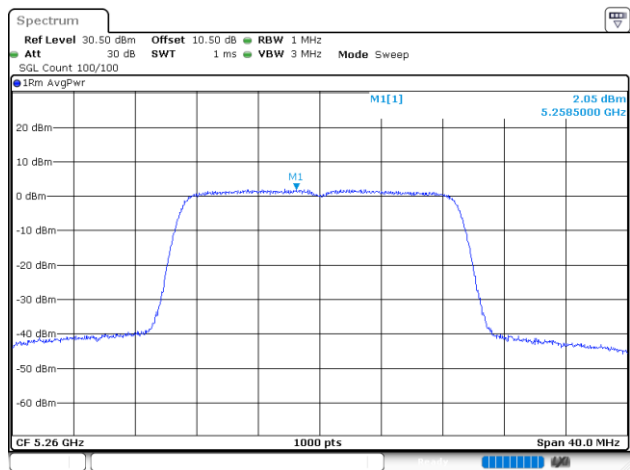
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 13:28:13

802.11a_5320MHz_Chain 1



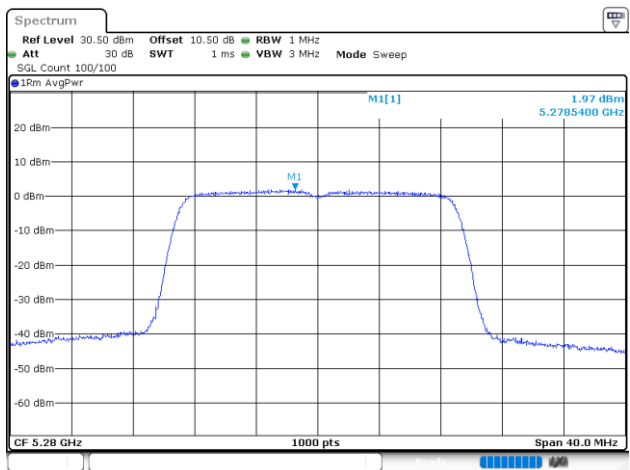
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 13:30:28

802.11n20_5260MHz_Chain 0



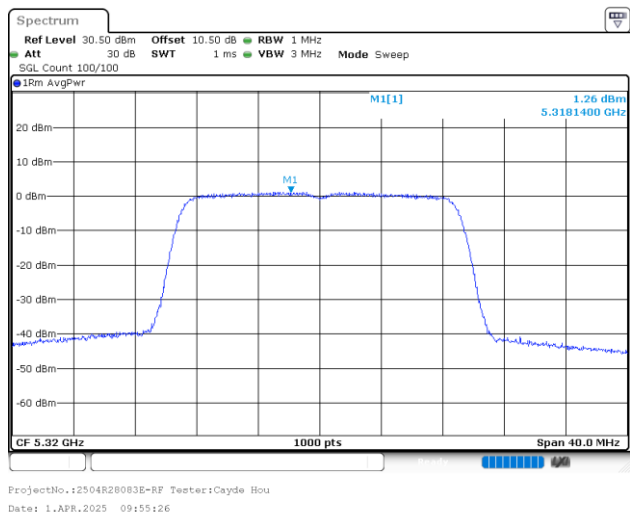
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 09:50:53

802.11n20_5280MHz_Chain 0

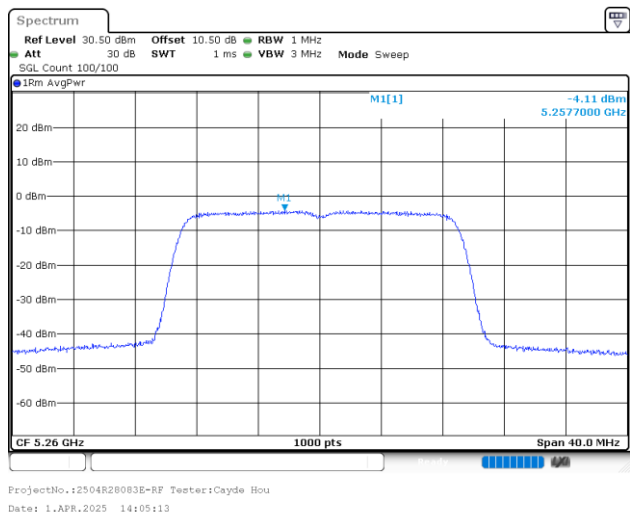


ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 09:53:11

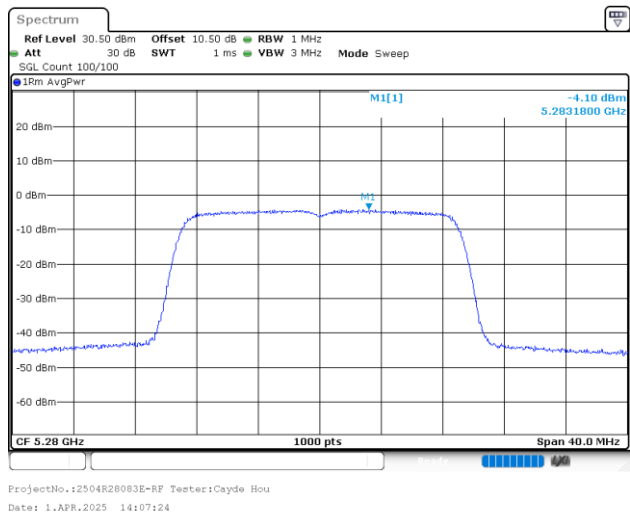
802.11n20_5320MHz_Chain 0



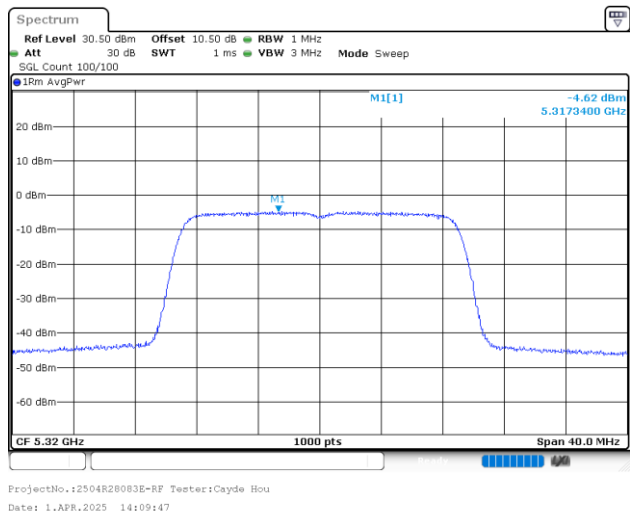
802.11n20_5260MHz_Chain 1



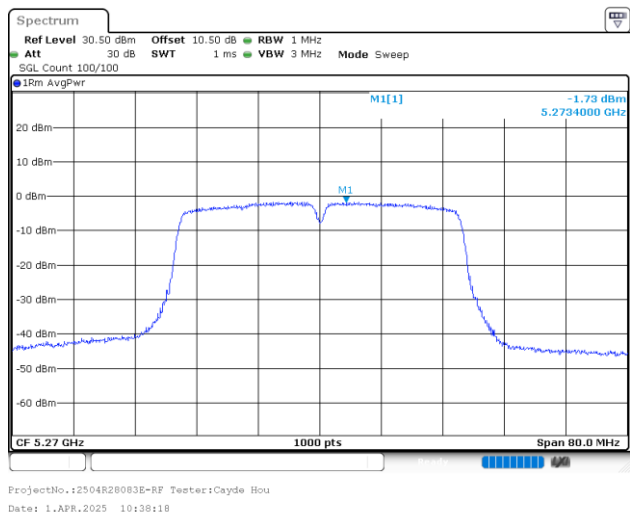
802.11n20_5280MHz_Chain 1



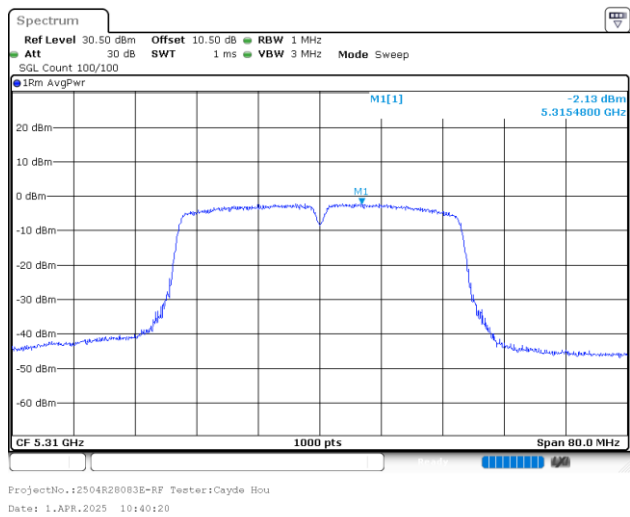
802.11n20_5320MHz_Chain 1



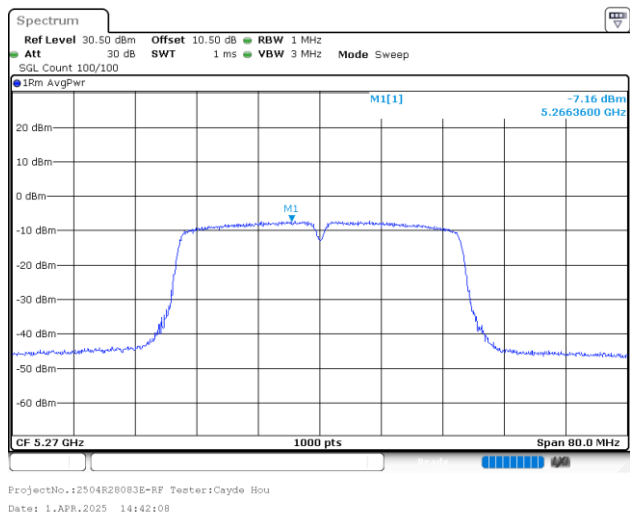
802.11n40_5270MHz_Chain 0



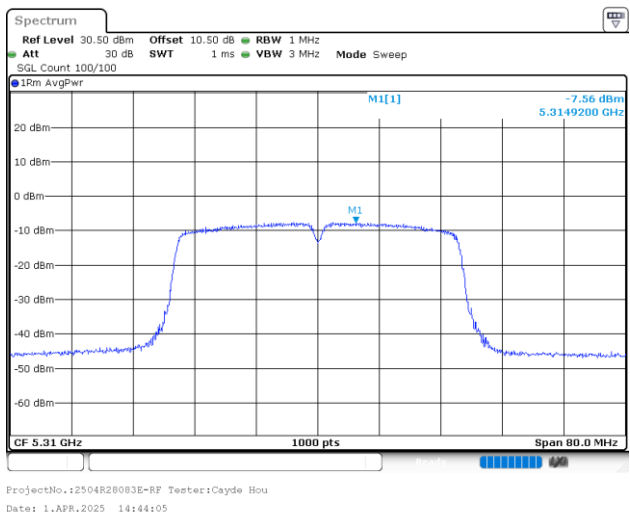
802.11n40_5310MHz_Chain 0



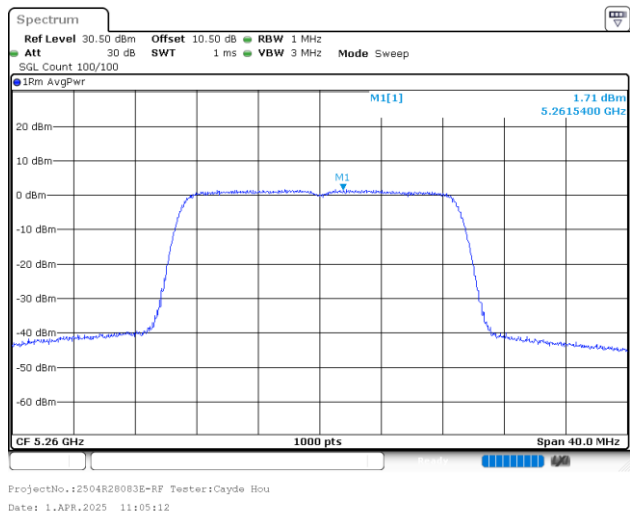
802.11n40_5270MHz_Chain 1



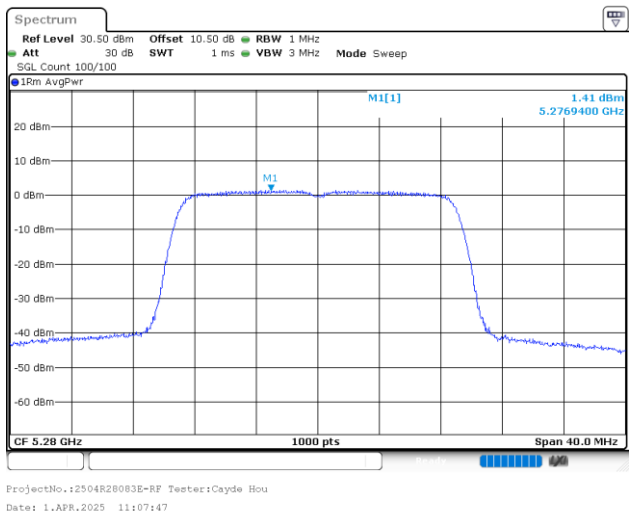
802.11n40_5310MHz_Chain 1



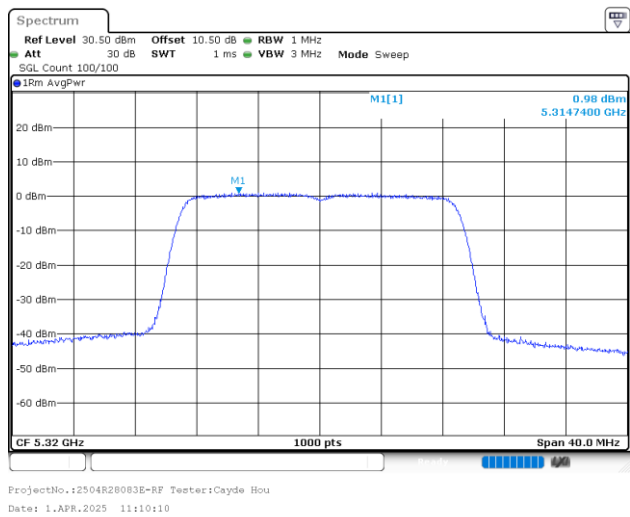
802.11ac20_5260MHz_Chain 0



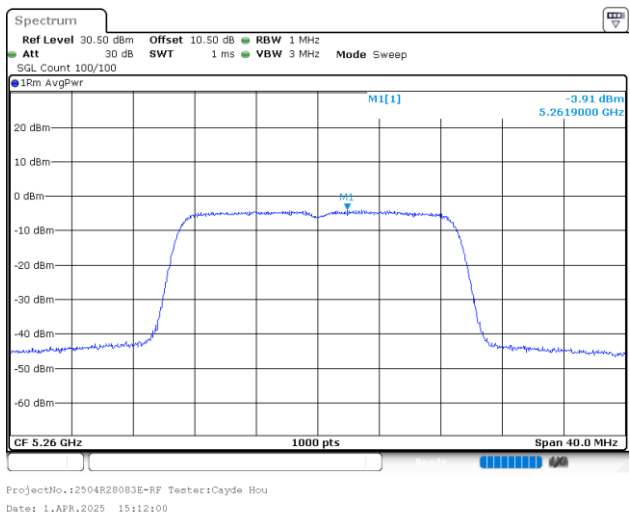
802.11ac20_5280MHz_Chain 0



802.11ac20_5320MHz_Chain 0

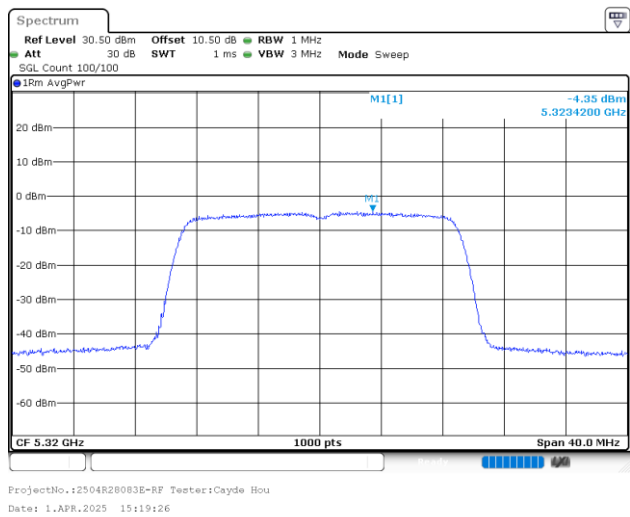
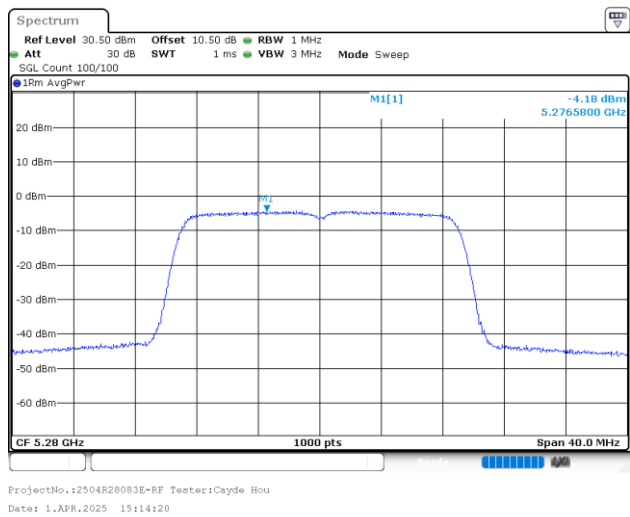


802.11ac20_5260MHz_Chain 1



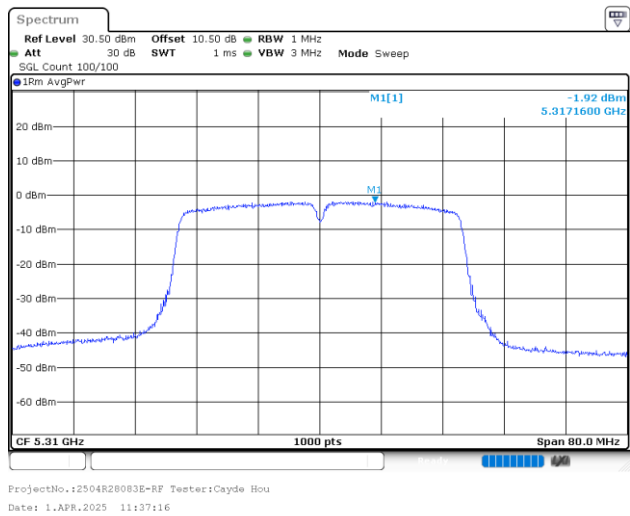
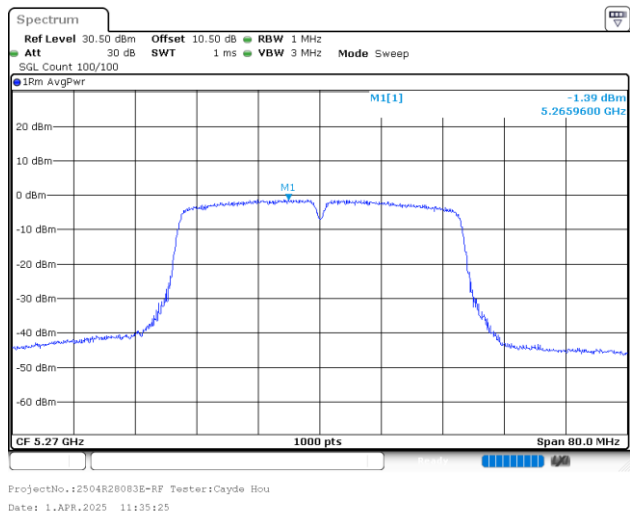
802.11ac20_5280MHz_Chain 1

802.11ac20_5320MHz_Chain 1



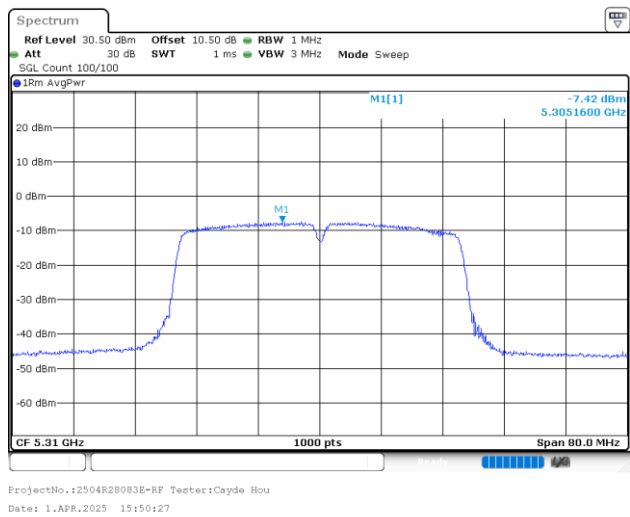
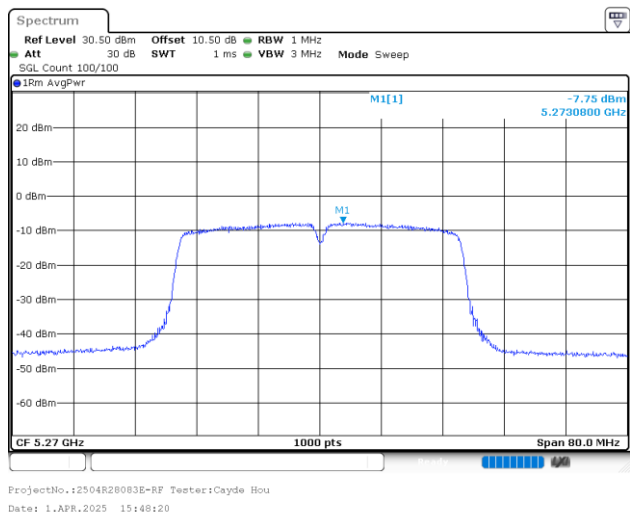
802.11ac40_5270MHz_Chain 0

802.11ac40_5310MHz_Chain 0

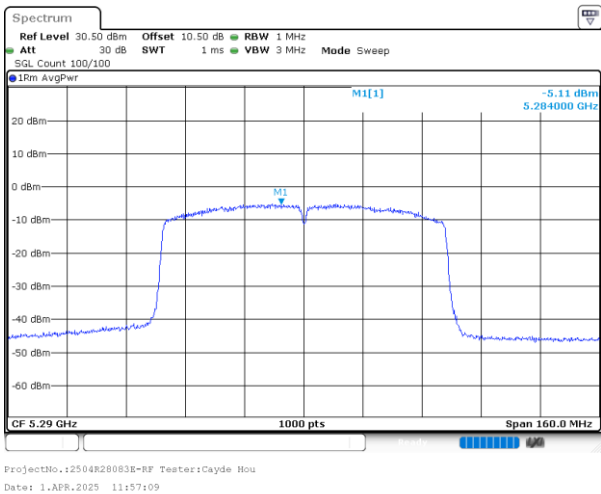


802.11ac40_5270MHz_Chain 1

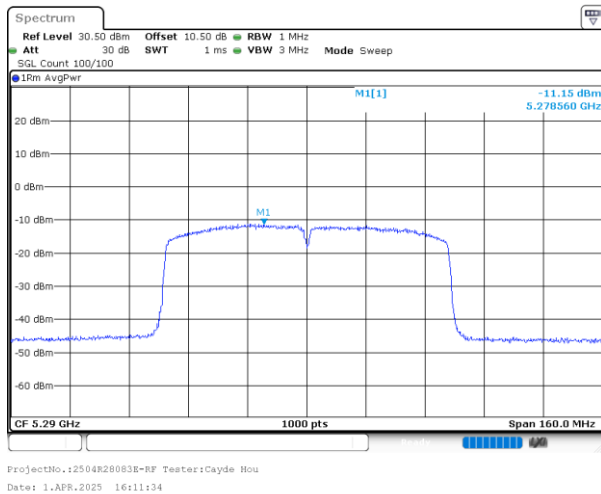
802.11ac40_5310MHz_Chain 1



802.11ac80_5290MHz_Chain 0

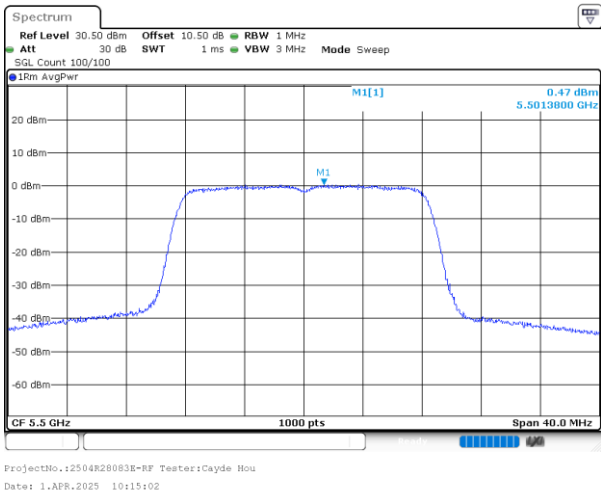


802.11ac80_5290MHz_Chain 1

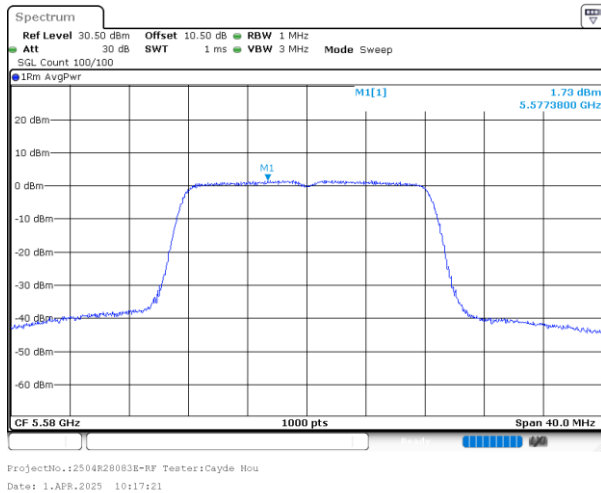


5470-5725MHz

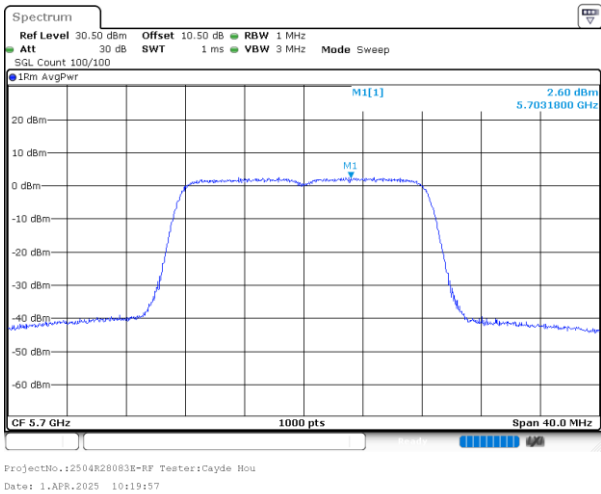
802.11a_5500MHz_Chain 0



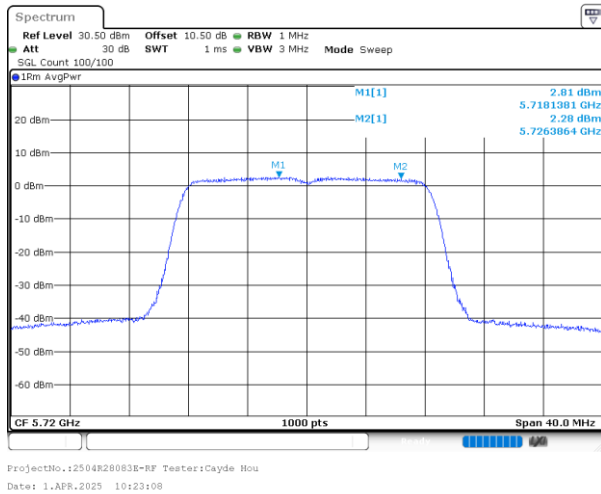
802.11a_5580MHz_Chain 0



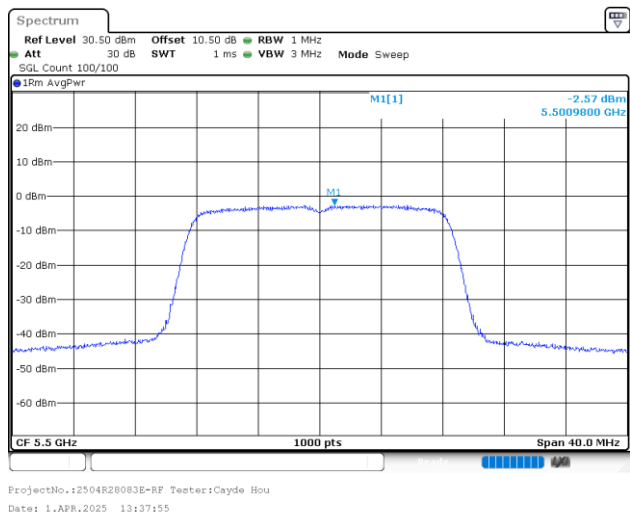
802.11a_5700MHz_Chain 0



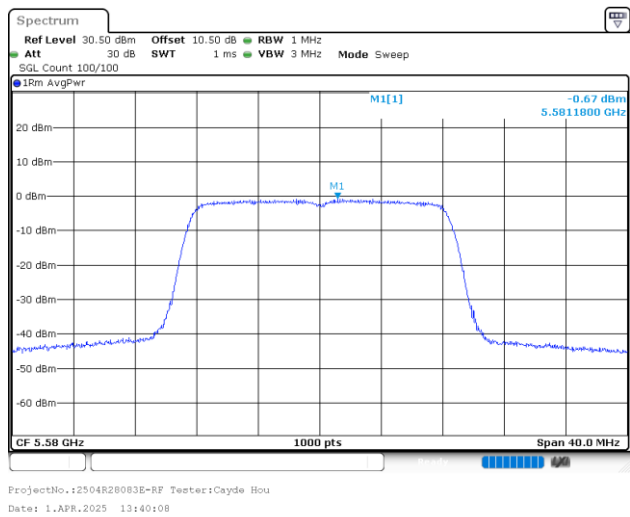
802.11a_5720MHz_Chain 0



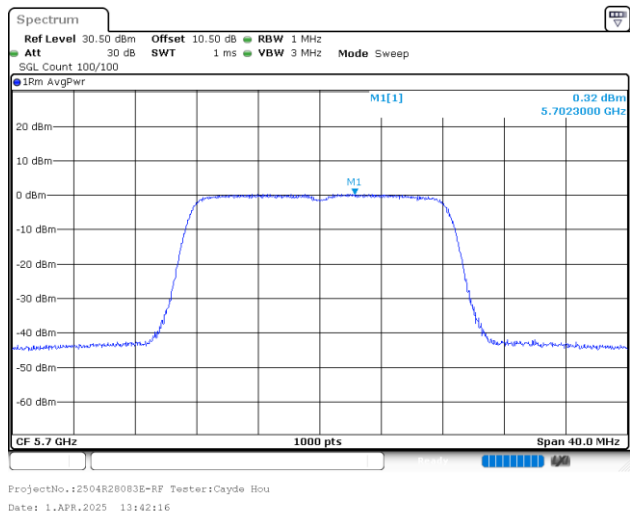
802.11a_5500MHz_Chain 1



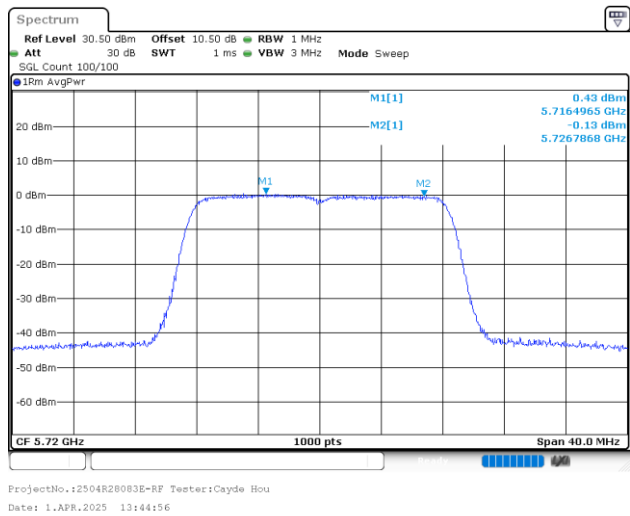
802.11a_5580MHz_Chain 1



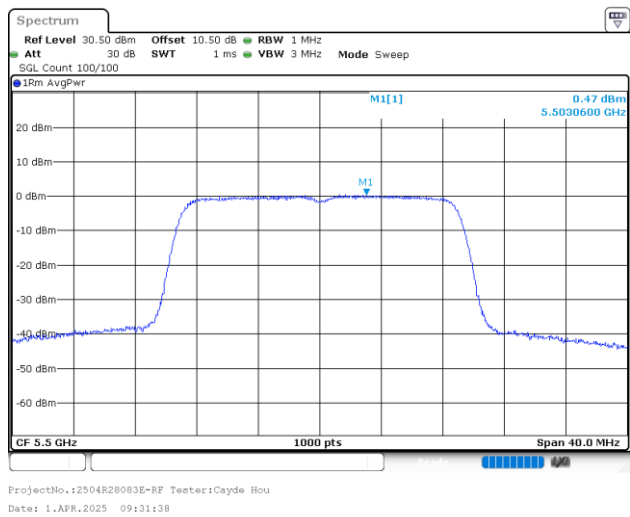
802.11a_5700MHz_Chain 1



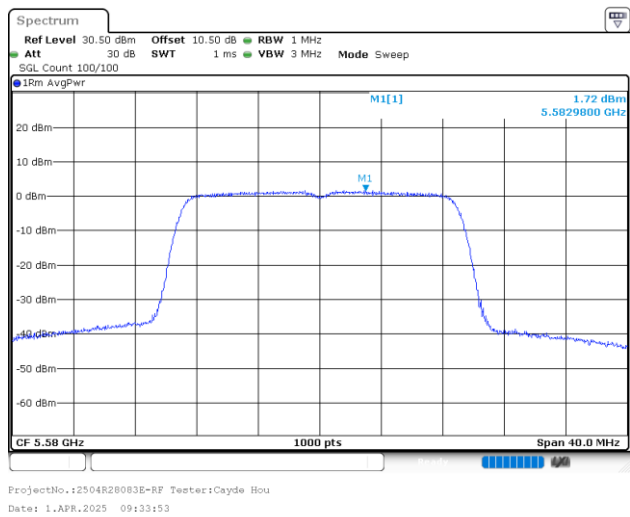
802.11a_5720MHz_Chain 1



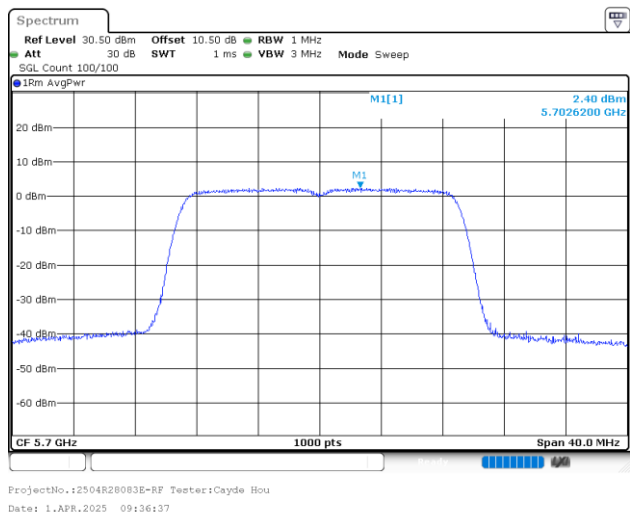
802.11n20_5500MHz_Chain 0



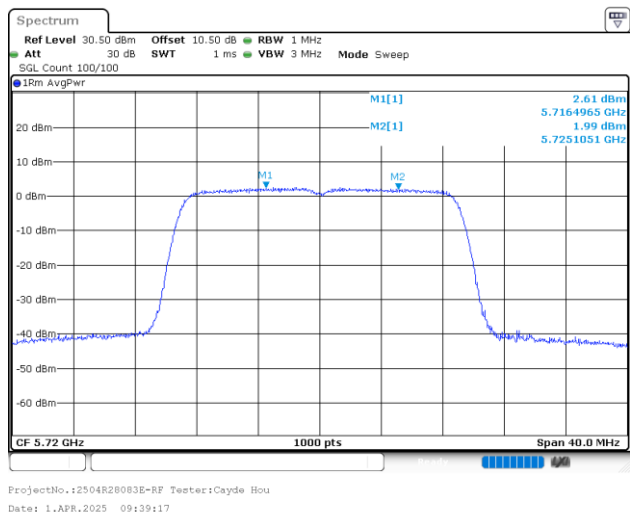
802.11n20_5580MHz_Chain 0



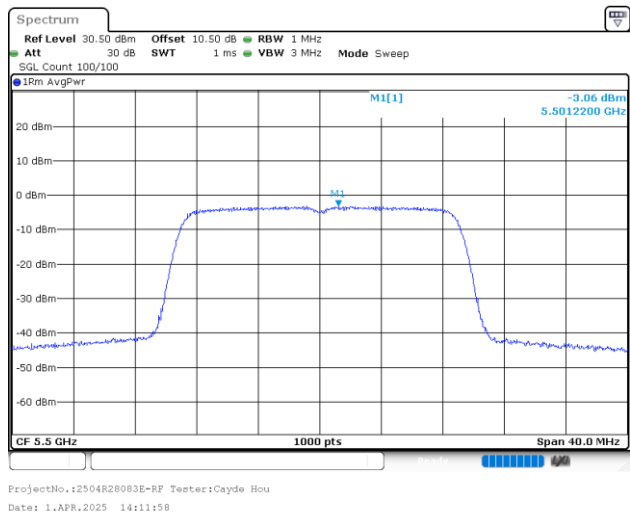
802.11n20_5700MHz_Chain 0



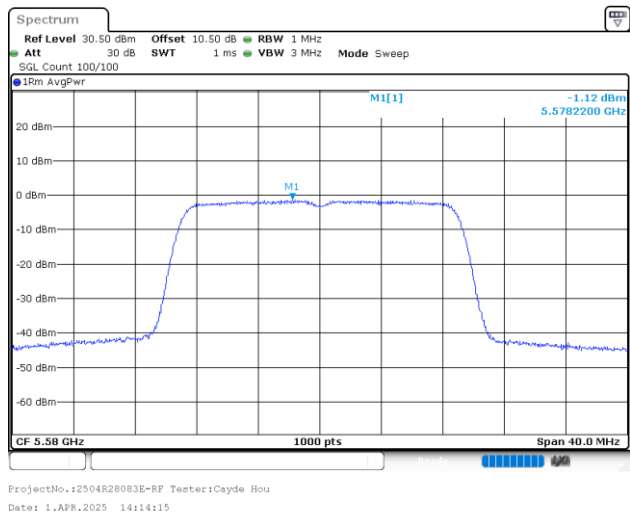
802.11n20_5720MHz_Chain 0



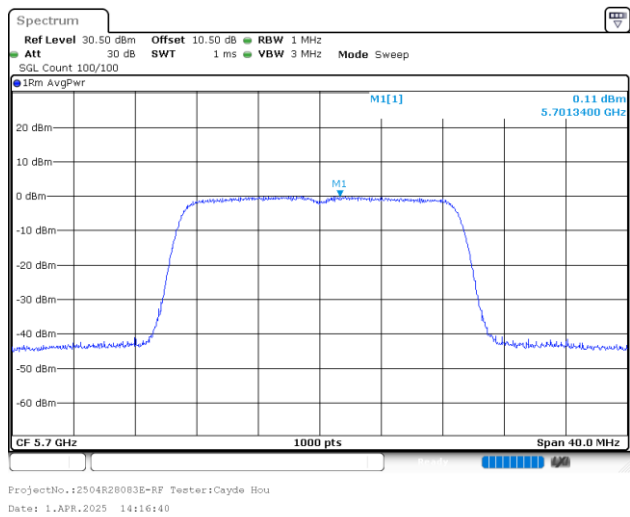
802.11n20_5500MHz_Chain 1



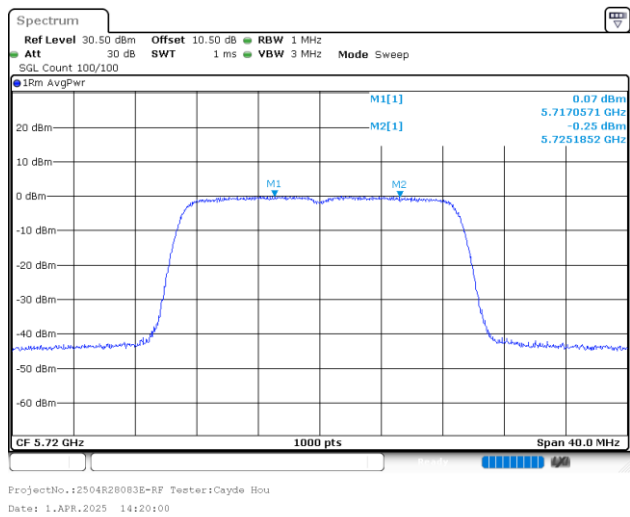
802.11n20_5580MHz_Chain 1



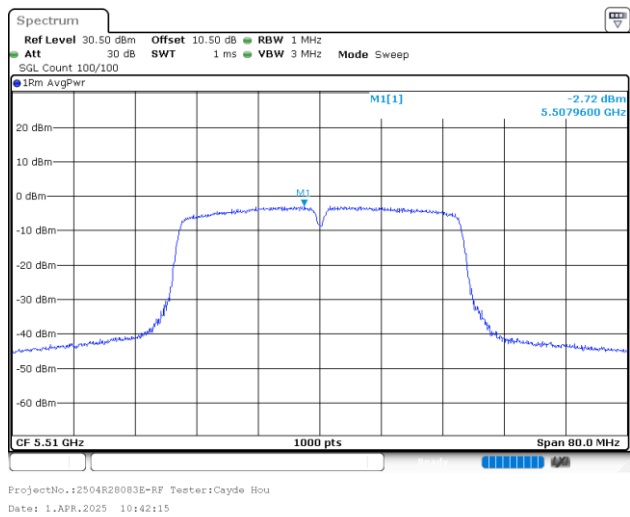
802.11n20_5700MHz_Chain 1



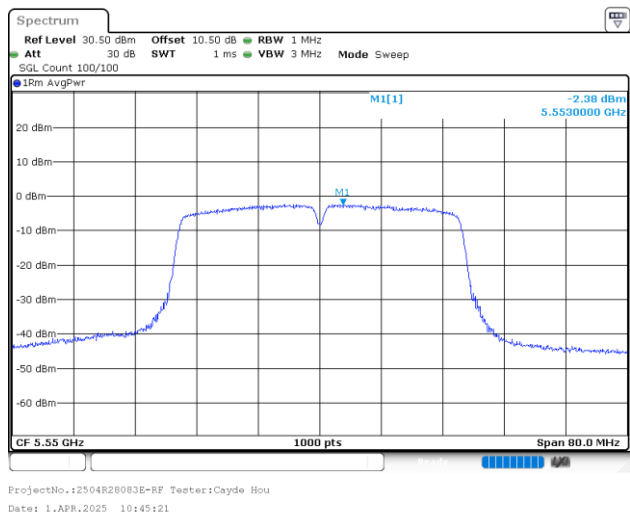
802.11n20_5720MHz_Chain 1



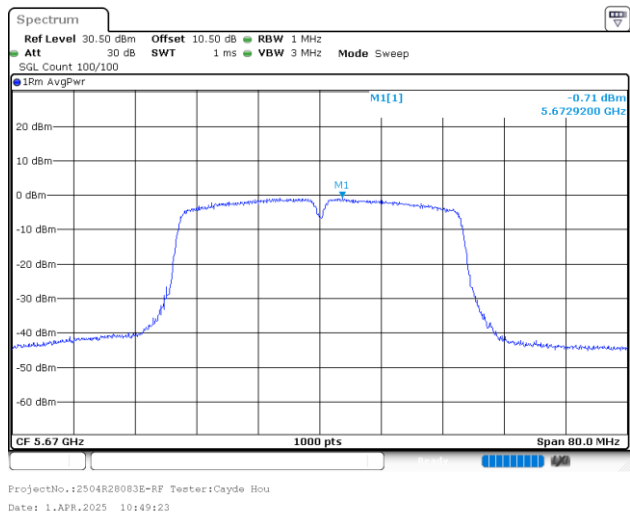
802.11n40_5510MHz_Chain 0



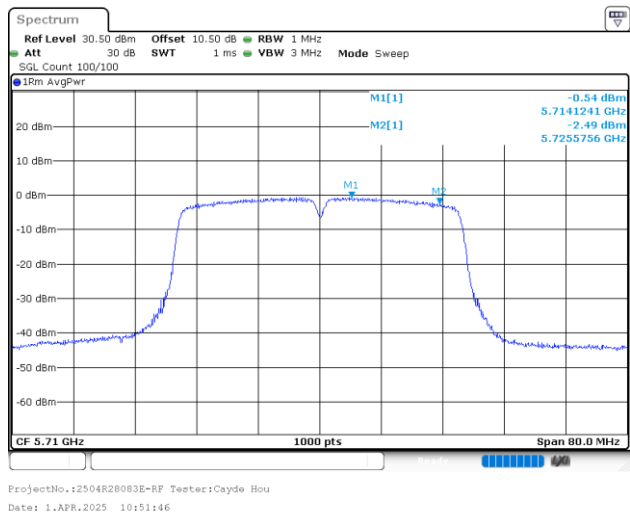
802.11n40_5550MHz_Chain 0



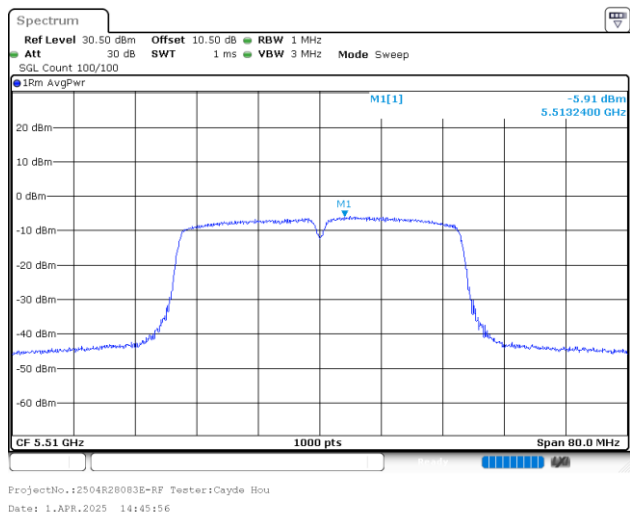
802.11n40_5670MHz_Chain 0



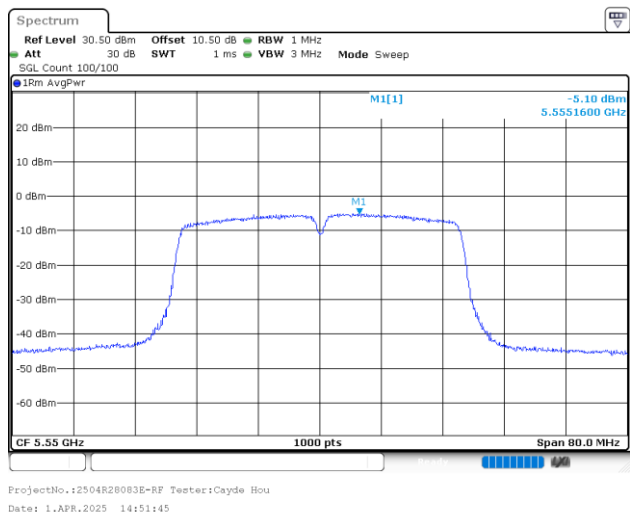
802.11n40_5710MHz_Chain 0



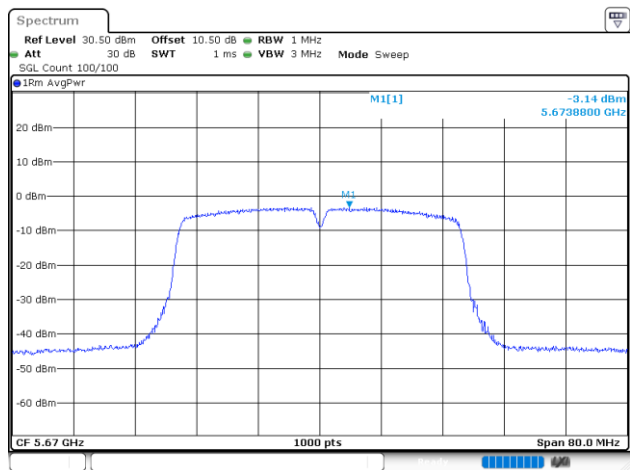
802.11n40_5510MHz_Chain 1



802.11n40_5550MHz_Chain 1

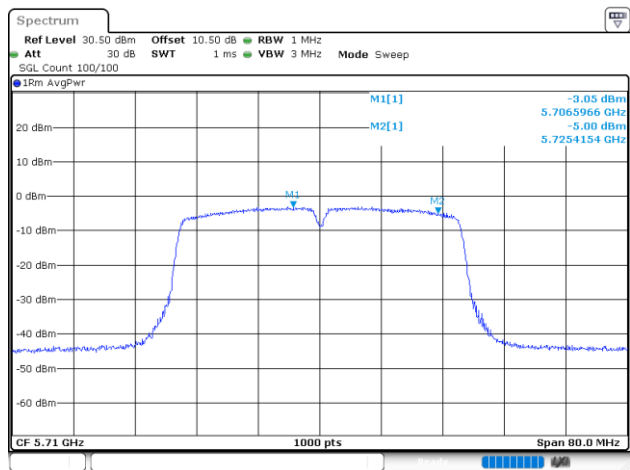


802.11n40_5670MHz_Chain 1



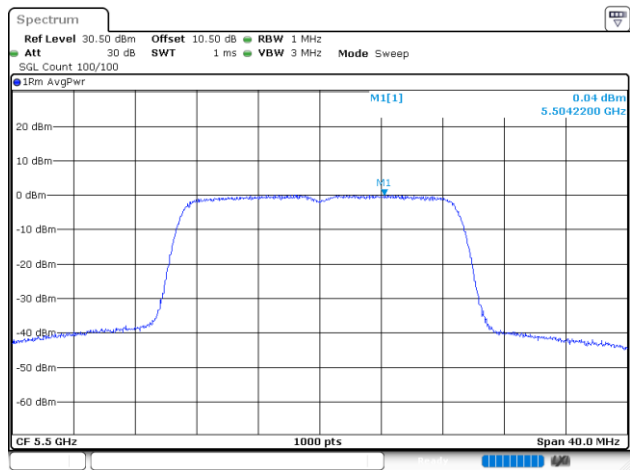
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 14:53:39

802.11n40_5710MHz_Chain 1



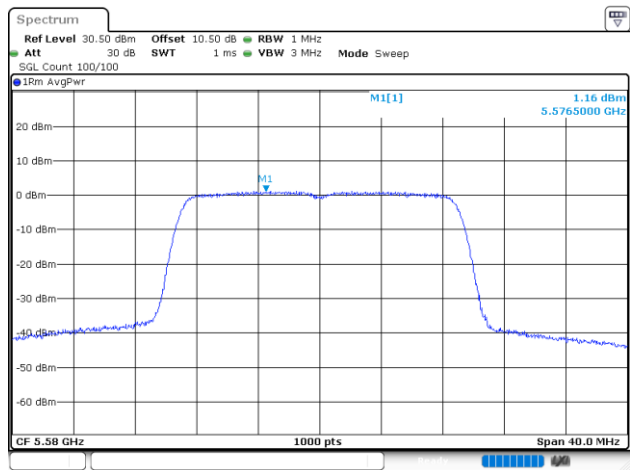
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 14:56:43

802.11ac20_5500MHz_Chain 0



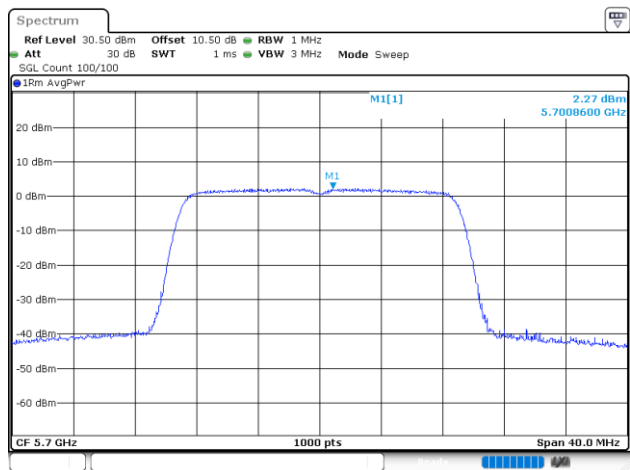
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 11:12:24

802.11ac20_5580MHz_Chain 0



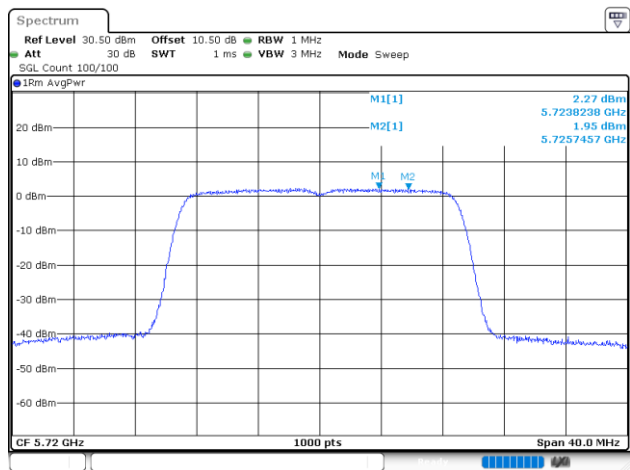
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 11:14:43

802.11ac20_5700MHz_Chain 0



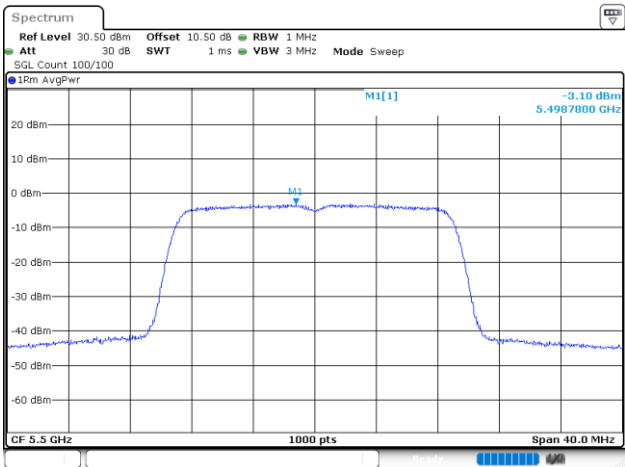
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 11:19:06

802.11ac20_5720MHz_Chain 0



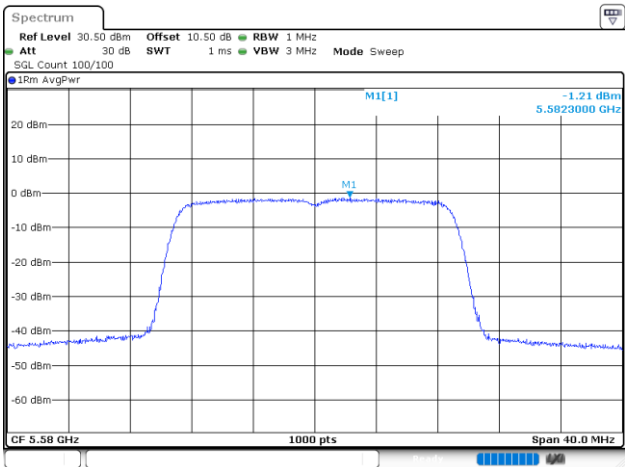
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 11:21:50

802.11ac20_5500MHz_Chain 1



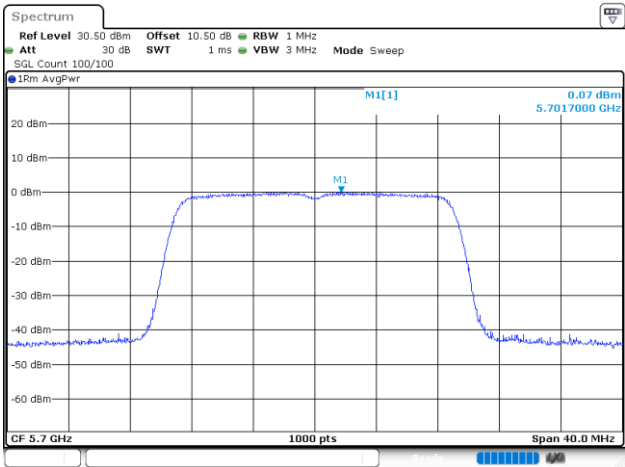
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 15:21:36

802.11ac20_5580MHz_Chain 1



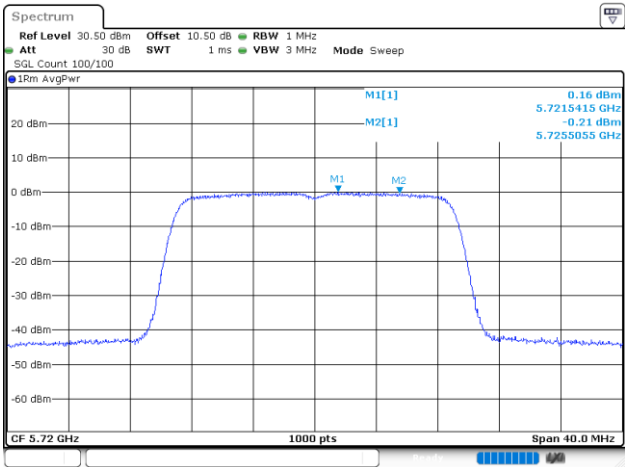
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 15:25:23

802.11ac20_5700MHz_Chain 1



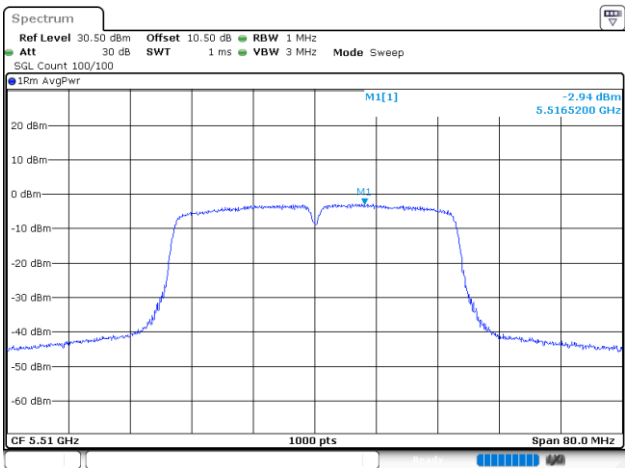
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 15:27:39

802.11ac20_5720MHz_Chain 1



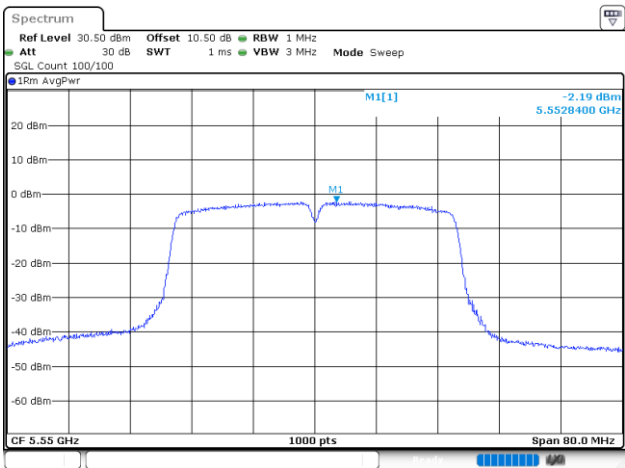
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 15:34:05

802.11ac40_5510MHz_Chain 0



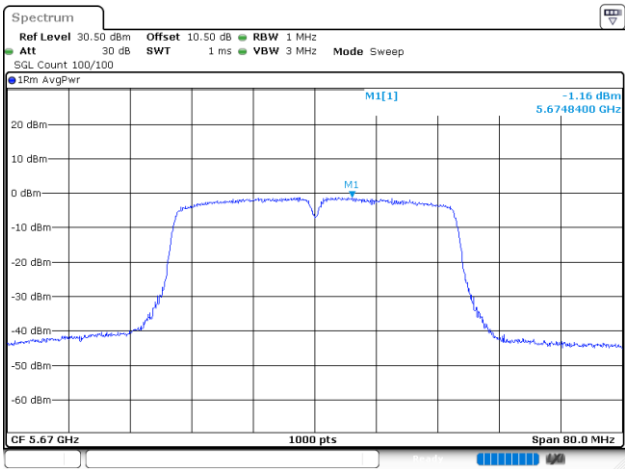
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 11:40:23

802.11ac40_5550MHz_Chain 0



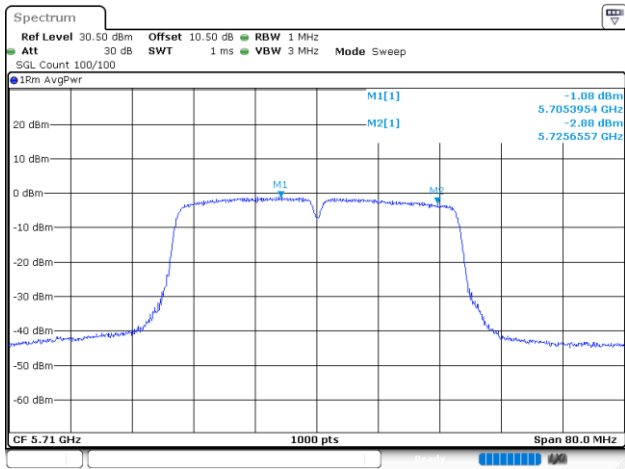
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 11:42:27

802.11ac40_5670MHz_Chain 0



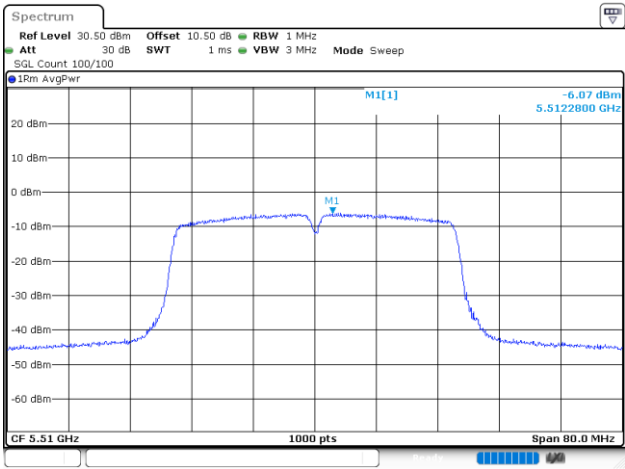
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 11:44:54

802.11ac40_5710MHz_Chain 0



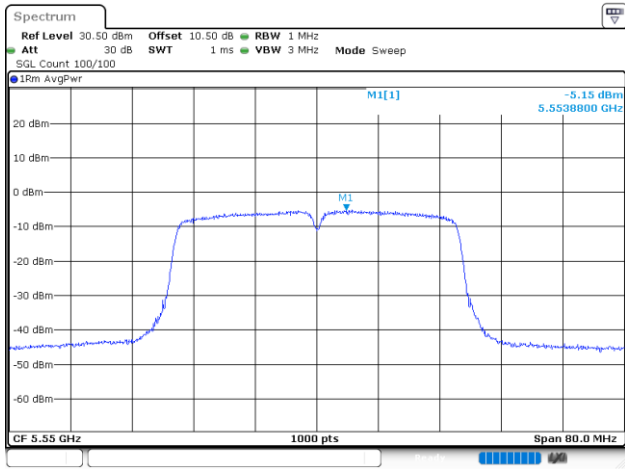
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 11:47:27

802.11ac40_5510MHz_Chain 1



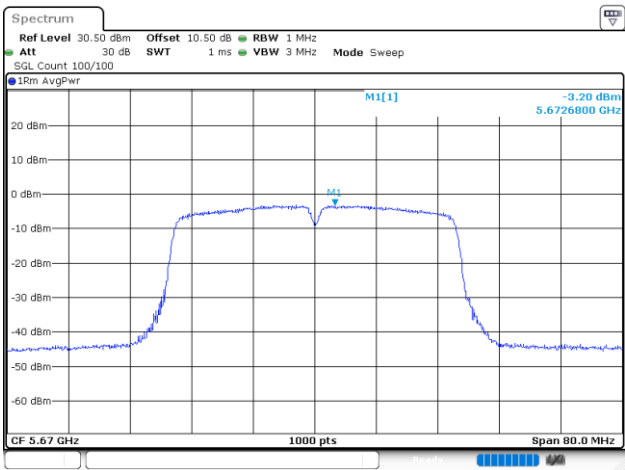
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 15:52:23

802.11ac40_5550MHz_Chain 1



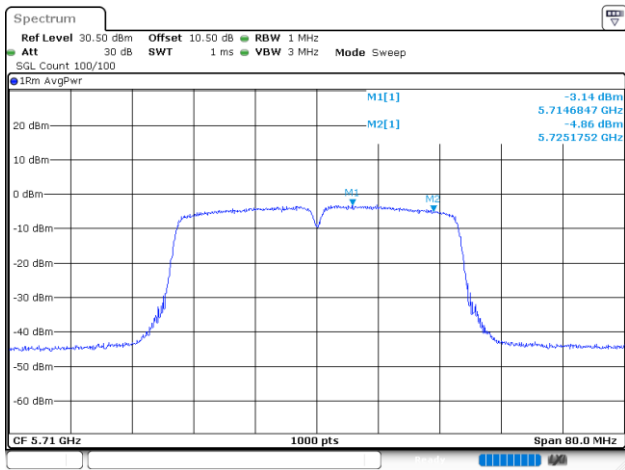
ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 15:54:20

802.11ac40_5670MHz_Chain 1



ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 15:59:42

802.11ac40_5710MHz_Chain 1



ProjectNo.:2504R28083E-RF Tester:Cayde Hou
Date: 1.APR.2025 16:02:19