

Maximum Conducted Output Power**5150-5250MHz**

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	Chain 0	5180	11.49	24	Pass
		5200	11.52	24	Pass
		5240	11.26	24	Pass
	Chain 1	5180	11.05	24	Pass
		5200	11.48	24	Pass
		5240	11.63	24	Pass
802.11ac20	Chain 0	5180	11.2	24	Pass
		5200	11.12	24	Pass
		5240	11.1	24	Pass
	Chain 1	5180	11.5	24	Pass
		5200	11.4	24	Pass
		5240	11.44	24	Pass
	Chain 0+Chain 1	5180	14.36	24	Pass
		5200	14.27	24	Pass
		5240	14.28	24	Pass
802.11ac40	Chain 0	5190	11.36	24	Pass
		5230	11.3	24	Pass
	Chain 1	5190	11.64	24	Pass
		5230	11.21	24	Pass
	Chain 0+Chain 1	5190	14.51	24	Pass
		5230	14.27	24	Pass
802.11ac80	Chain 0	5210	11.45	24	Pass
	Chain 1	5210	11.38	24	Pass
	Chain 0+Chain 1	5210	14.43	24	Pass
802.11ax20_RU_Full	Chain 0	5180	11.54	24	Pass
		5200	11.42	24	Pass
		5240	11.4	24	Pass
	Chain 1	5180	11.59	24	Pass
		5200	11.58	24	Pass
		5240	11.61	24	Pass
	Chain 0+Chain 1	5180	14.58	24	Pass
		5200	14.51	24	Pass

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11ax20_RU_Full	Chain 0+Chain 1	5240	14.52	24	Pass
802.11ax40_RU_FULL	Chain 0	5190	11.43	24	Pass
		5230	11.31	24	Pass
	Chain 1	5190	11.54	24	Pass
		5230	11.59	24	Pass
	Chain 0+Chain 1	5190	14.50	24	Pass
		5230	14.46	24	Pass
802.11ax80_RU_Full	Chain 0	5210	11.44	24	Pass
	Chain 1	5210	11.59	24	Pass
	Chain 0+Chain 1	5210	14.53	24	Pass

5725-5850MHz

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	Chain 0	5745	12.79	30	Pass
		5785	12.48	30	Pass
		5825	12.68	30	Pass
	Chain 1	5745	13.27	30	Pass
		5785	12.31	30	Pass
		5825	12.36	30	Pass
802.11ac20	Chain 0	5745	12.88	30	Pass
		5785	12.58	30	Pass
		5825	12.65	30	Pass
	Chain 1	5745	13.12	30	Pass
		5785	12.7	30	Pass
		5825	12.19	30	Pass
	Chain 0+Chain 1	5745	16.01	30	Pass
		5785	15.65	30	Pass
		5825	15.44	30	Pass
802.11ac40	Chain 0	5755	12.44	30	Pass
		5795	12.6	30	Pass
	Chain 1	5755	12.41	30	Pass
		5795	12.42	30	Pass
	Chain 0+Chain 1	5755	15.44	30	Pass
		5795	15.52	30	Pass

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11ac80	Chain 0	5775	12.76	30	Pass
	Chain 1	5775	12.38	30	Pass
	Chain 0+Chain 1	5775	15.67	30	Pass
802.11ax20_RU_Full	Chain 0	5745	13.03	30	Pass
		5785	12.7	30	Pass
		5825	12.77	30	Pass
	Chain 1	5745	13.28	30	Pass
		5785	12.85	30	Pass
		5825	12.3	30	Pass
	Chain 0+Chain 1	5745	16.17	30	Pass
		5785	15.79	30	Pass
		5825	15.55	30	Pass
802.11ax40_RU_FULL	Chain 0	5755	12.48	30	Pass
		5795	12.67	30	Pass
	Chain 1	5755	12.37	30	Pass
		5795	12.33	30	Pass
	Chain 0+Chain 1	5755	15.44	30	Pass
		5795	15.51	30	Pass
802.11ax80_RU_Full	Chain 0	5775	12.53	30	Pass
	Chain 1	5775	12.81	30	Pass
	Chain 0+Chain 1	5775	15.68	30	Pass

Note:
Array Gain = 0dB.
directional gain= 1.96 dBi for 5150-5250MHz
directional gain= 1.7dBi for 5725-5850MHz

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	0.32	0.09	0.41	11	Pass
		5200	0.47	0.09	0.56	11	Pass
		5240	0.32	0.09	0.41	11	Pass
	Chain 1	5180	0.07	0.09	0.16	11	Pass
		5200	0.46	0.09	0.55	11	Pass
		5240	0.39	0.09	0.48	11	Pass
802.11ac20	Chain 0	5180	-0.24	/	/	11	Pass
		5200	-0.11	/	/	11	Pass
		5240	-0.16	/	/	11	Pass
	Chain 1	5180	0.19	/	/	11	Pass
		5200	0.14	/	/	11	Pass
		5240	0.13	/	/	11	Pass
	Chain 0+Chain 1	5180	2.99	0	2.99	11	Pass
		5200	3.03	0	3.03	11	Pass
		5240	3	0	3	11	Pass
802.11ac40	Chain 0	5190	-3.16	/	/	11	Pass
		5230	-3.01	/	/	11	Pass
	Chain 1	5190	-2.53	/	/	11	Pass
		5230	-2.71	/	/	11	Pass
	Chain 0+Chain 1	5190	0.18	0	0.18	11	Pass
		5230	0.15	0	0.15	11	Pass
802.11ac80	Chain 0	5210	-4.71	/	/	11	Pass
	Chain 1	5210	-5.04	/	/	11	Pass
	Chain 0+Chain 1	5210	-1.86	0.09	-1.77	11	Pass
802.11ax20_RU_Full	Chain 0	5180	0.10	/	/	11	Pass
		5200	-0.19	/	/	11	Pass
		5240	-0.18	/	/	11	Pass
	Chain 1	5180	0.10	/	/	11	Pass
		5200	0.13	/	/	11	Pass
		5240	0.01	/	/	11	Pass
	Chain 0+Chain 1	5180	3.11	0	3.11	11	Pass
		5200	2.98	0	2.98	11	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ax20_RU_Full	Chain 0+Chain 1	5240	2.93	0	2.93	11	Pass
802.11ax40_RU_FULL	Chain 0	5190	-3.26	/	/	11	Pass
		5230	-3.32	/	/	11	Pass
	Chain 1	5190	-3.04	/	/	11	Pass
		5230	-3.00	/	/	11	Pass
	Chain 0+Chain 1	5190	-0.14	0	-0.14	11	Pass
		5230	-0.15	0	-0.15	11	Pass
802.11ax80_RU_Full	Chain 0	5210	-4.96	/	/	11	Pass
	Chain 1	5210	-4.92	/	/	11	Pass
	Chain 0+Chain 1	5210	-1.93	0	-1.93	11	Pass

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	-1.08	0.09	-0.99	30	Pass
		5785	-1.77	0.09	-1.68	30	Pass
		5825	-1.57	0.09	-1.48	30	Pass
	Chain 1	5745	-0.90	0.09	-0.81	30	Pass
		5785	-1.57	0.09	-1.48	30	Pass
		5825	-1.73	0.09	-1.64	30	Pass
802.11ac20	Chain 0	5745	-1.13	/	/	30	Pass
		5785	-1.45	/	/	30	Pass
		5825	-1.69	/	/	30	Pass
	Chain 1	5745	-1.02	/	/	30	Pass
		5785	-1.34	/	/	30	Pass
		5825	-2.01	/	/	30	Pass
	Chain 0+Chain 1	5745	1.94	0	1.94	30	Pass
		5785	1.62	0	1.62	30	Pass
		5825	1.16	0	1.16	30	Pass
802.11ac40	Chain 0	5755	-4.92	/	/	30	Pass
		5795	-4.67	/	/	30	Pass
	Chain 1	5755	-5.07	/	/	30	Pass
		5795	-4.77	/	/	30	Pass
	Chain 0+Chain 1	5755	-1.98	0	-1.98	30	Pass
		5795	-1.71	0	-1.71	30	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor(dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
802.11ac80	Chain 0	5775	-6.49	/	/	30	Pass
	Chain 1	5775	-6.30	/	/	30	Pass
	Chain 0+Chain 1	5775	-3.38	0.09	-3.29	30	Pass
802.11ax20_RU_Full	Chain 0	5745	-1.44	/	/	30	Pass
		5785	-1.67	/	/	30	Pass
		5825	-1.47	/	/	30	Pass
	Chain 1	5745	-1.37	/	/	30	Pass
		5785	-1.33	/	/	30	Pass
		5825	-2.24	/	/	30	Pass
	Chain 0+Chain 1	5745	1.61	0	1.61	30	Pass
		5785	1.51	0	1.51	30	Pass
		5825	1.17	0	1.17	30	Pass
802.11ax40_RU_FULL	Chain 0	5755	-4.86	/	/	30	Pass
		5795	-4.72	/	/	30	Pass
	Chain 1	5755	-5.09	/	/	30	Pass
		5795	-5.22	/	/	30	Pass
	Chain 0+Chain 1	5755	-1.96	0	-1.96	30	Pass
		5795	-1.95	0	-1.95	30	Pass
802.11ax80_RU_Full	Chain 0	5775	-6.61	/	/	30	Pass
	Chain 1	5775	-6.63	/	/	30	Pass
	Chain 0+Chain 1	5775	-3.61	0	-3.61	30	Pass

Result = Reading + Duty Cycle Factor

Note:

For power spectral density (PSD) measurements:

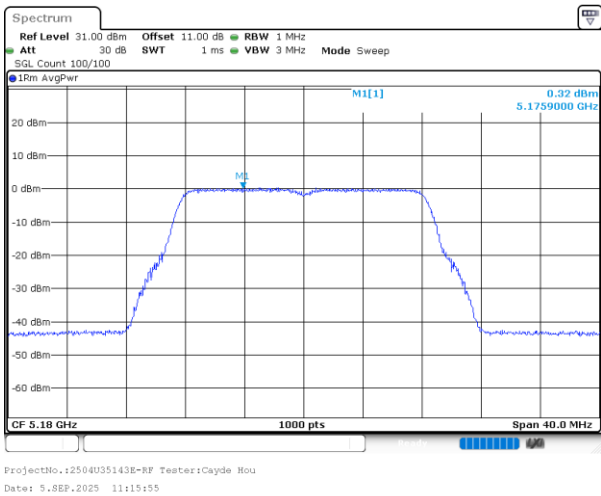
Array Gain = 0dB.

directional gain= 1.96dBi+3dB=4.96dBi for 5150-5250MHz

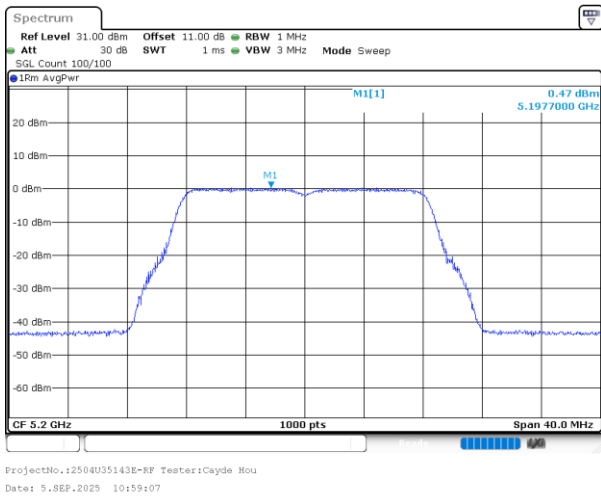
directional gain= 1.7dBi+3dB=-4.7dBi for 5725-5850MHz

5150-5250MHz

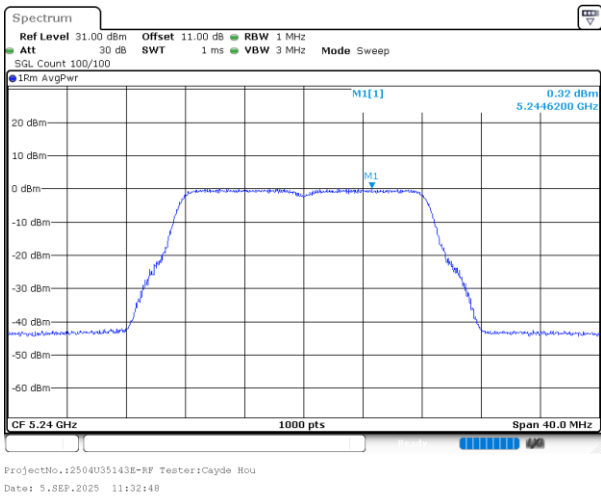
802.11a_5180MHz_Chain 0



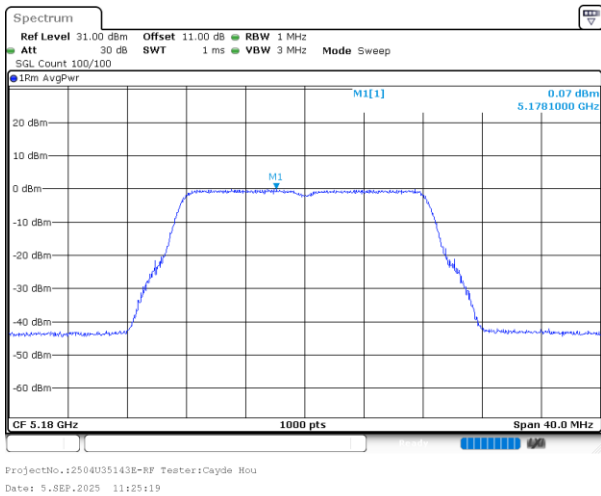
802.11a_5200MHz_Chain 0



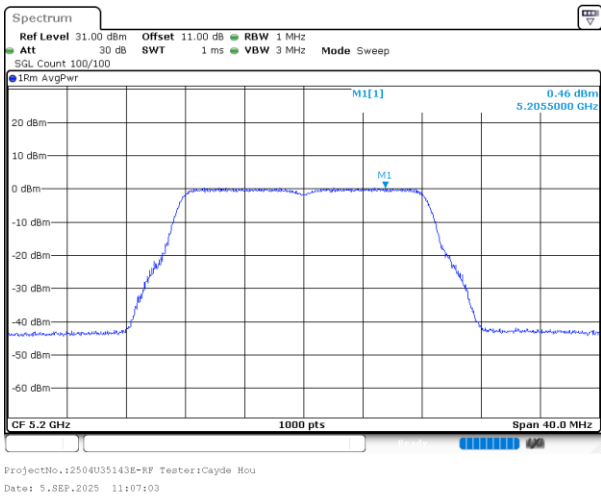
802.11a_5240MHz_Chain 0



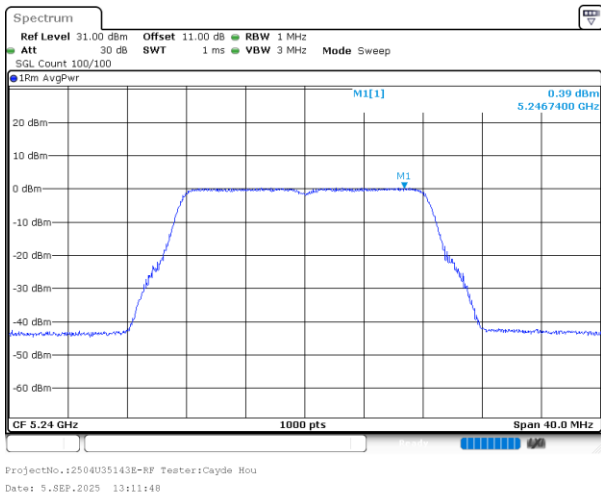
802.11a_5180MHz_Chain 1



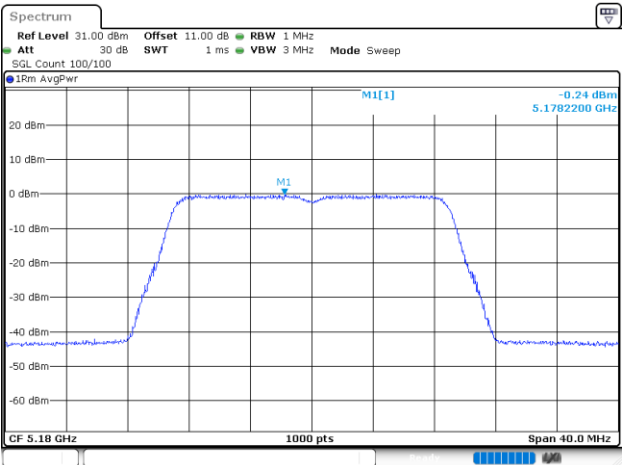
802.11a_5200MHz_Chain 1



802.11a_5240MHz_Chain 1

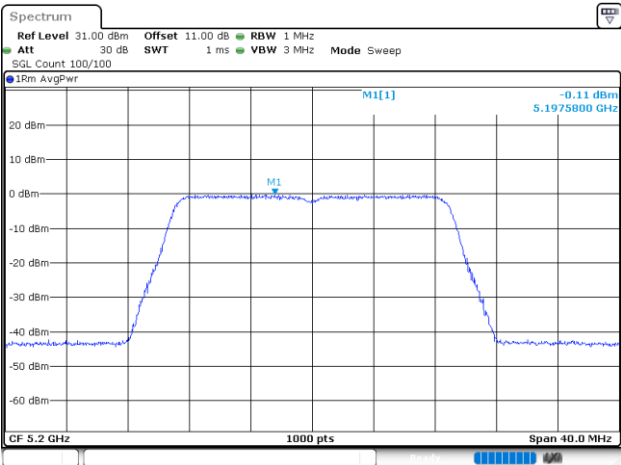


802.11ac20_5180MHz_Chain 0



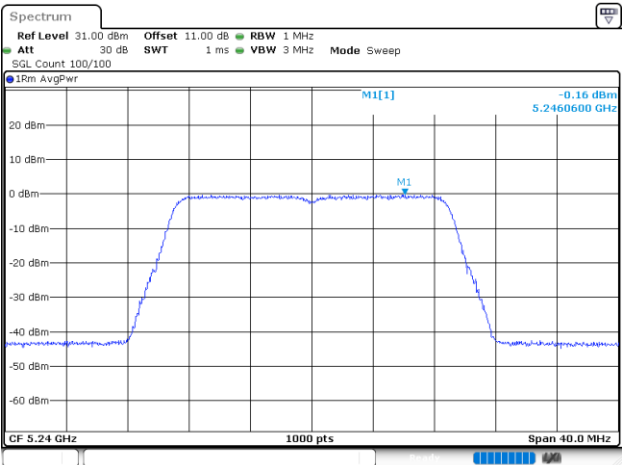
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 13:34:41

802.11ac20_5200MHz_Chain 0



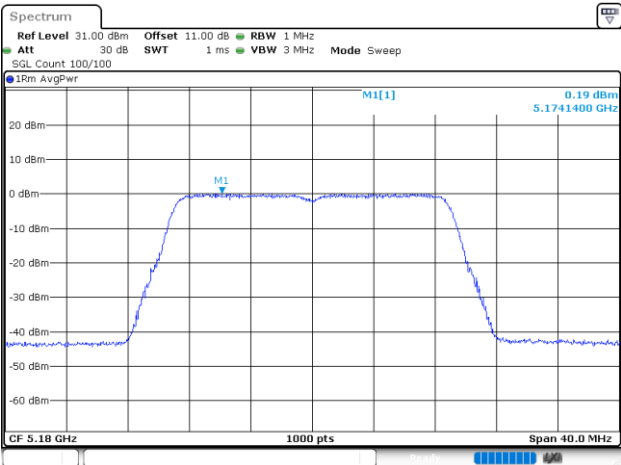
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 13:39:48

802.11ac20_5240MHz_Chain 0



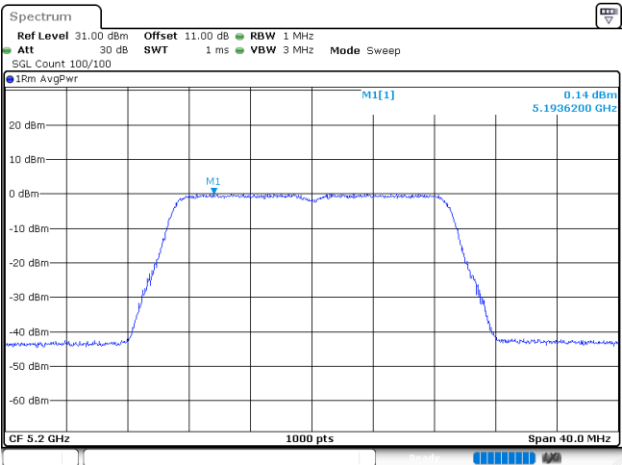
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 13:45:30

802.11ac20_5180MHz_Chain 1



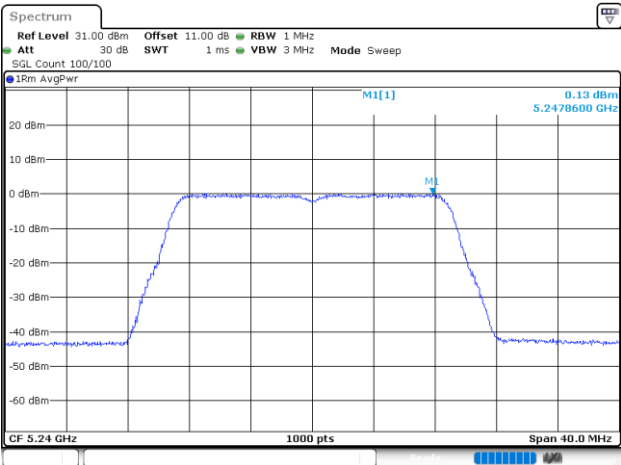
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 14:26:22

802.11ac20_5200MHz_Chain 1



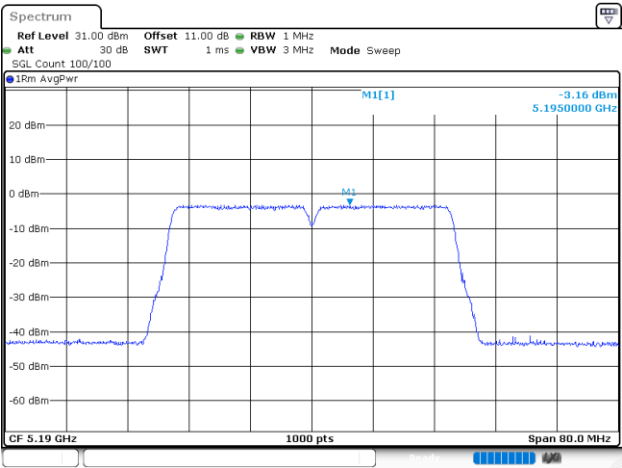
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 14:29:00

802.11ac20_5240MHz_Chain 1



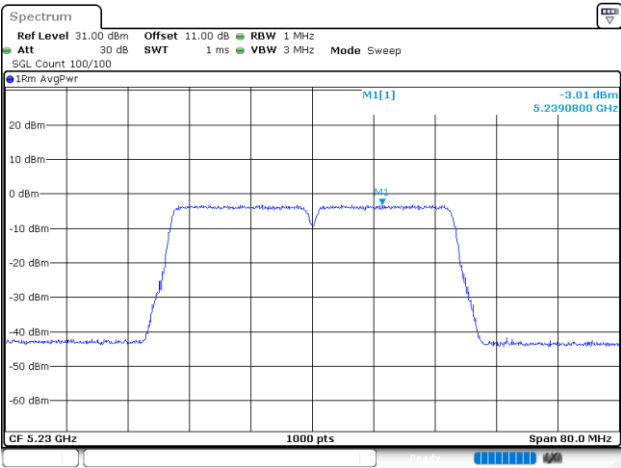
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 14:33:18

802.11ac40_5190MHz_Chain 0



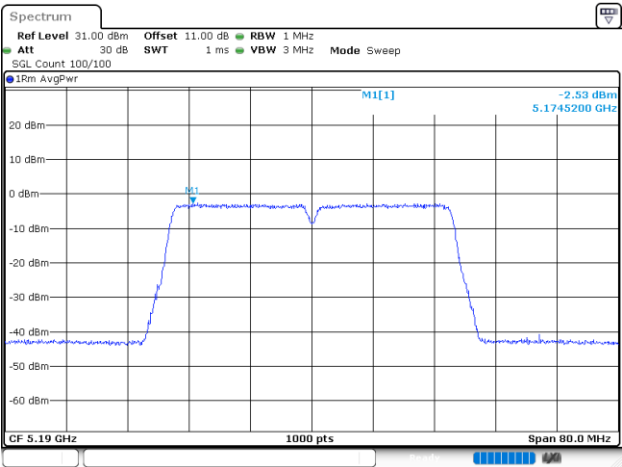
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 14:49:22

802.11ac40_5230MHz_Chain 0



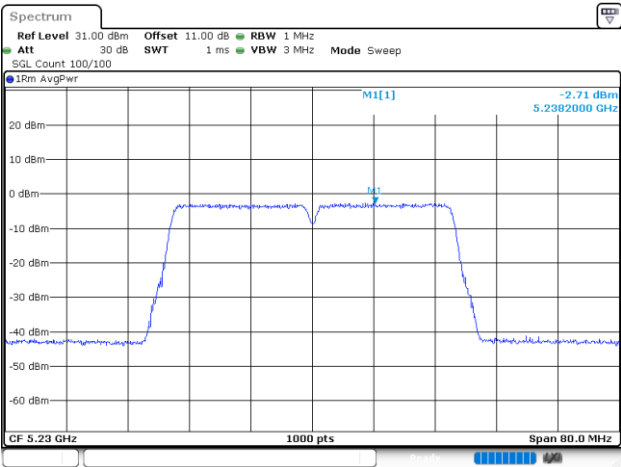
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 14:52:49

802.11ac40_5190MHz_Chain 1



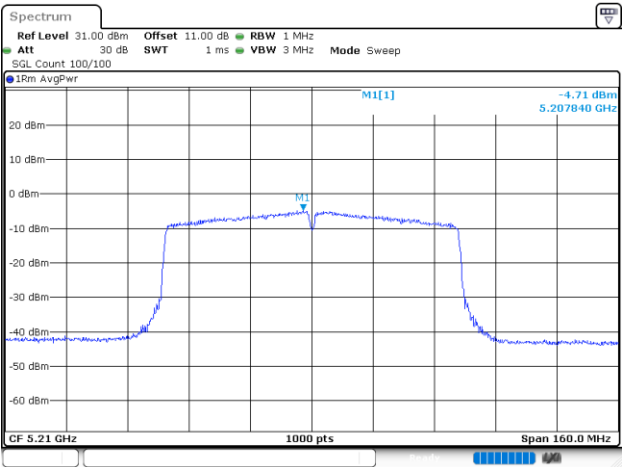
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 15:09:02

802.11ac40_5230MHz_Chain 1



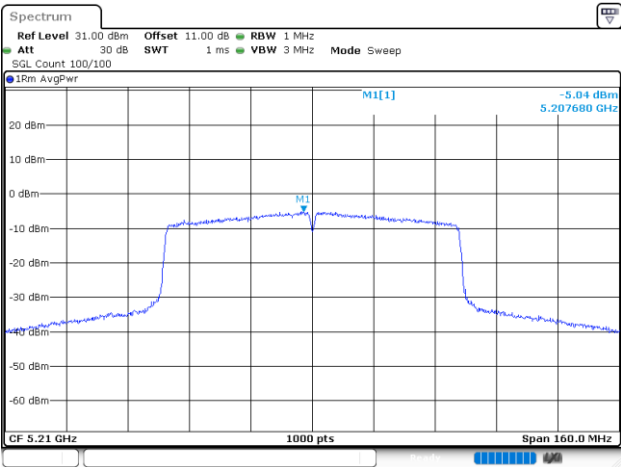
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 15:11:55

802.11ac80_5210MHz_Chain 0



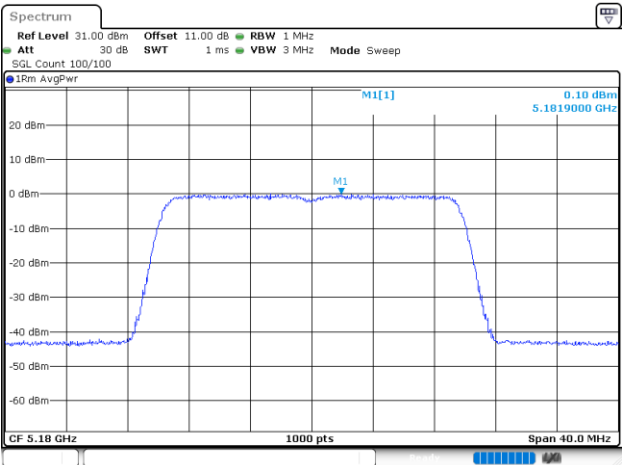
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 15:27:25

802.11ac80_5210MHz_Chain 1

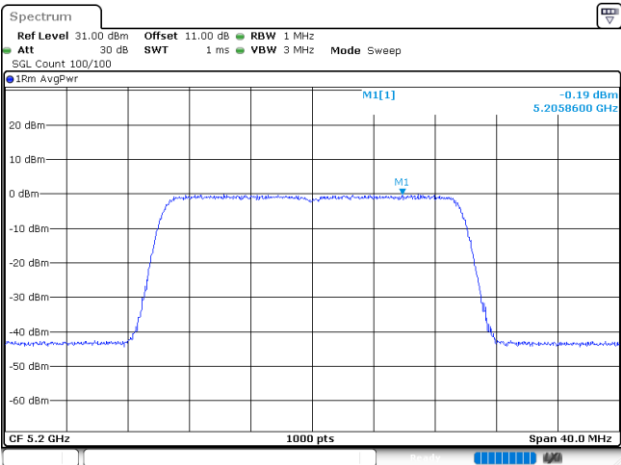


ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 15:43:20

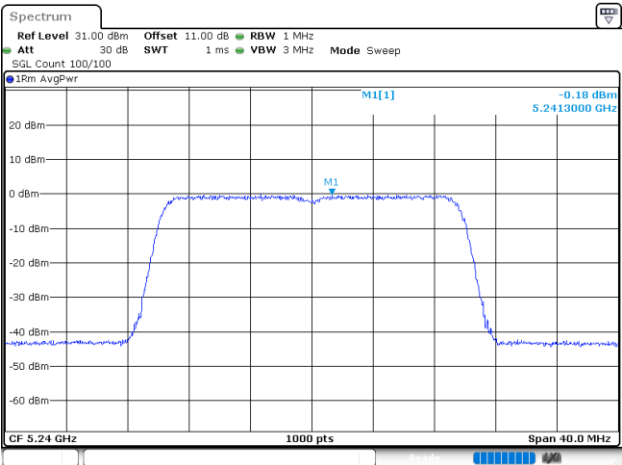
802.11ax20_5180MHz_RU_Full_Chain 0



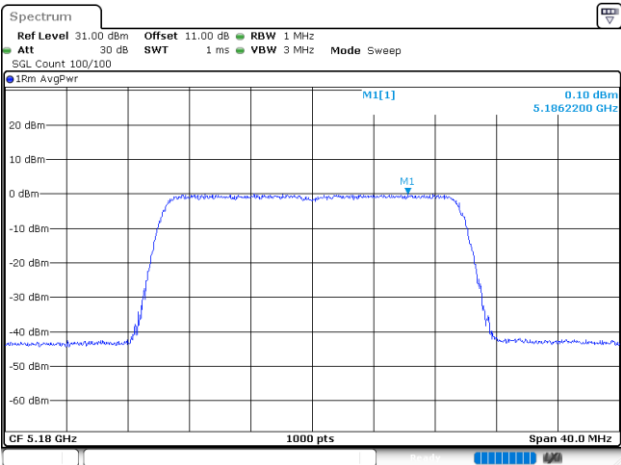
802.11ax20_5200MHz_RU_Full_Chain 0



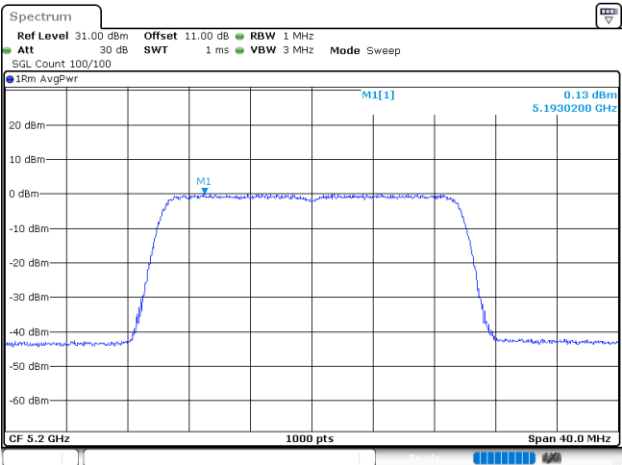
802.11ax20_5240MHz_RU_Full_Chain 0



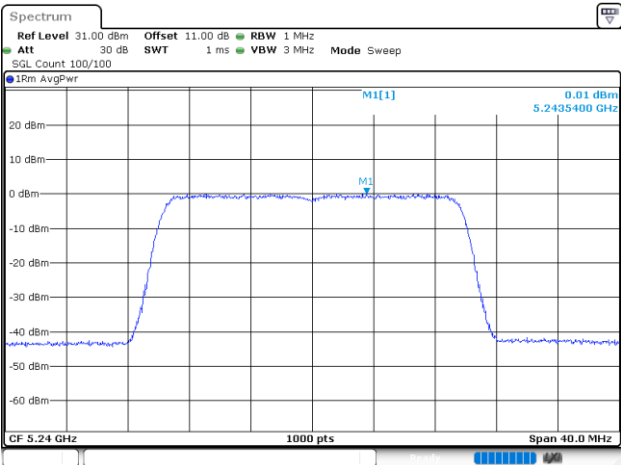
802.11ax20_5180MHz_RU_Full_Chain 1



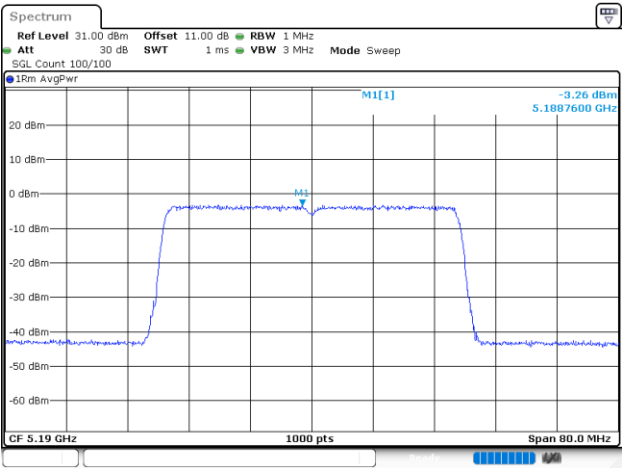
802.11ax20_5200MHz_RU_Full_Chain 1



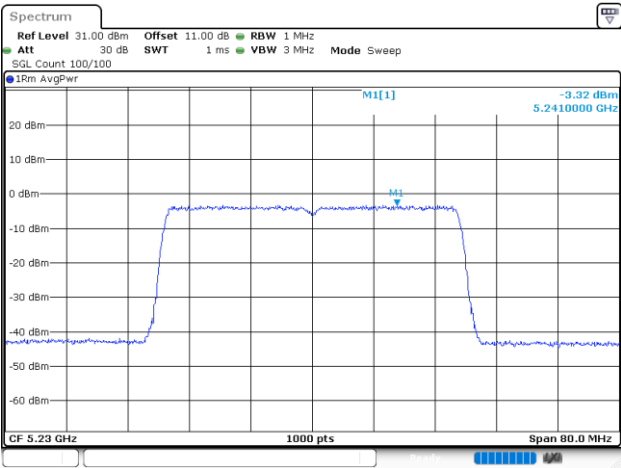
802.11ax20_5240MHz_RU_Full_Chain 1



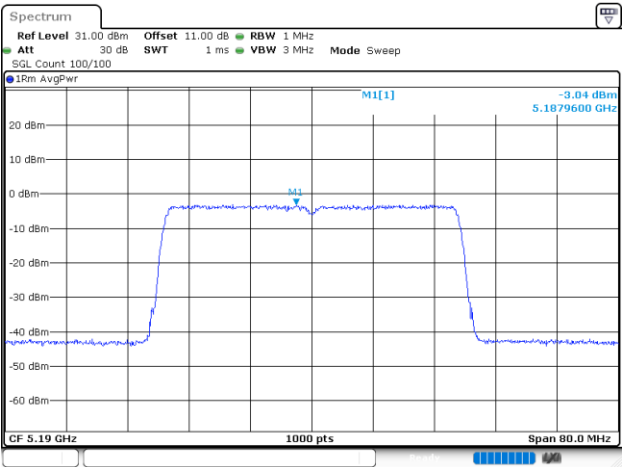
802.11ax40_5190MHz_RU_FULL_Chain 0



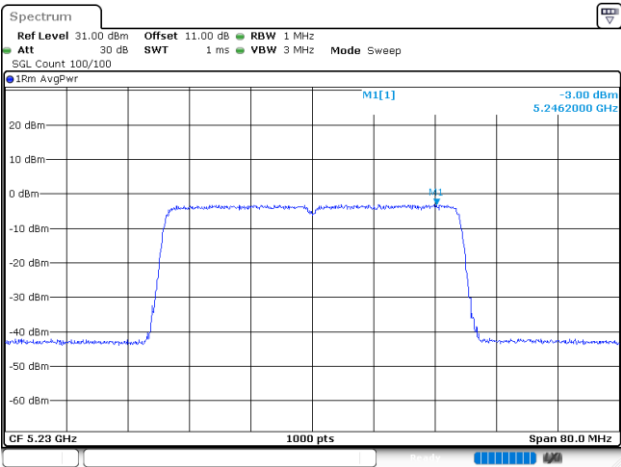
802.11ax40_5230MHz_RU_FULL_Chain 0



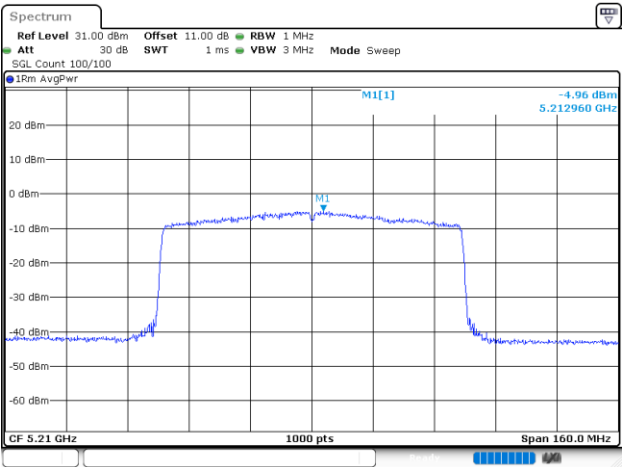
802.11ax40_5190MHz_RU_FULL_Chain 1



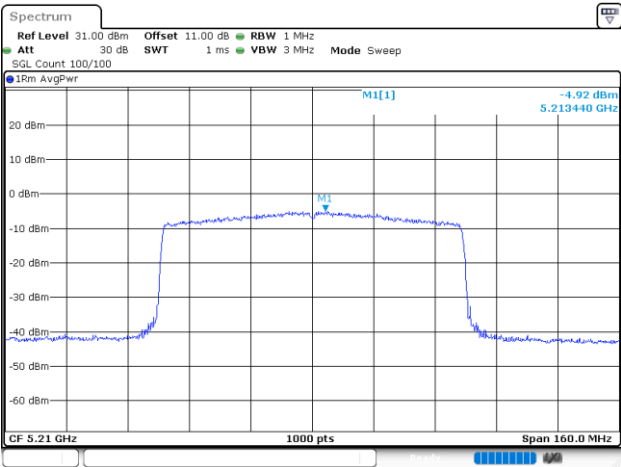
802.11ax40_5230MHz_RU_FULL_Chain 1



802.11ax80_5210MHz_RU_Full_Chain 0

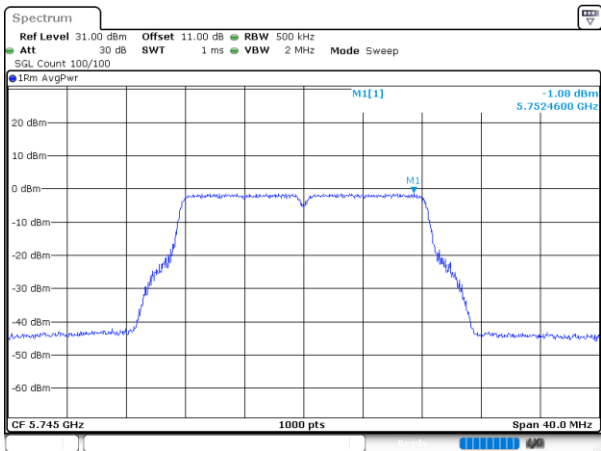


802.11ax80_5210MHz_RU_Full_Chain 1



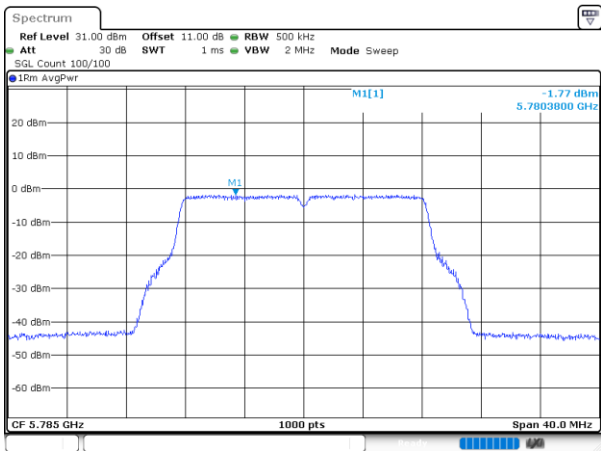
5725-5850MHz

802.11a_5745MHz_Chain 0



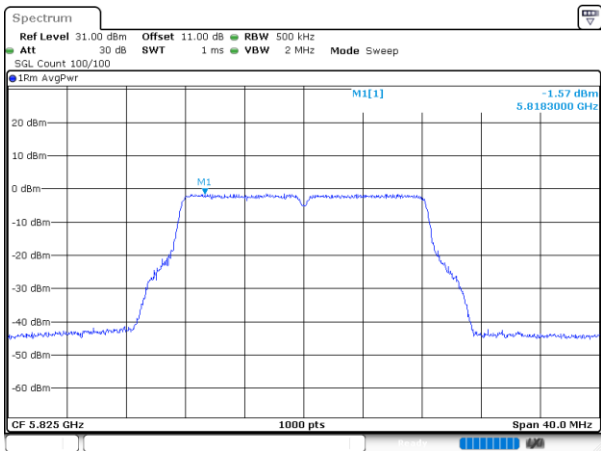
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 11:38:26

802.11a_5785MHz_Chain 0



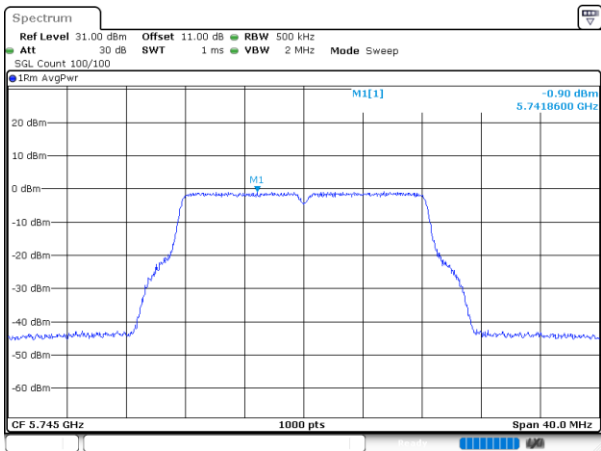
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 11:45:08

802.11a_5825MHz_Chain 0



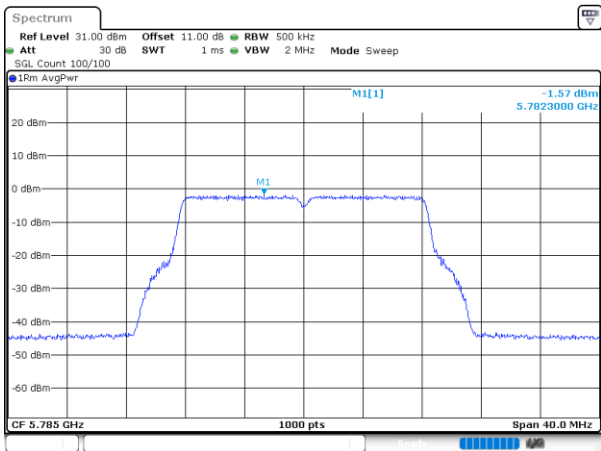
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 11:51:48

802.11a_5745MHz_Chain 1



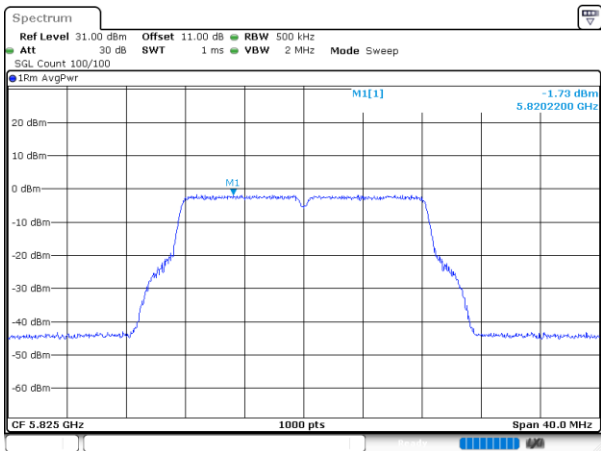
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 13:18:58

802.11a_5785MHz_Chain 1



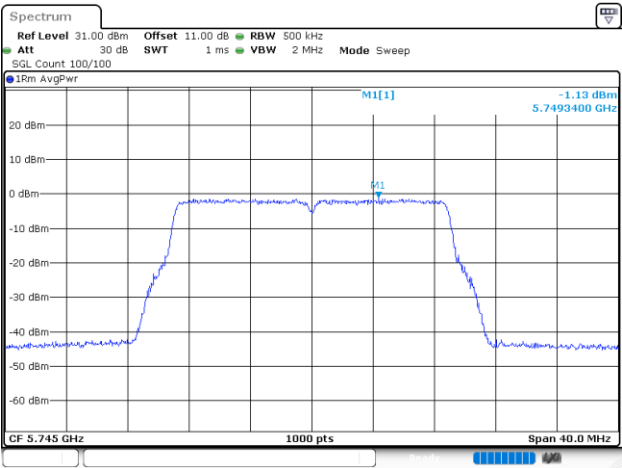
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 13:24:55

802.11a_5825MHz_Chain 1



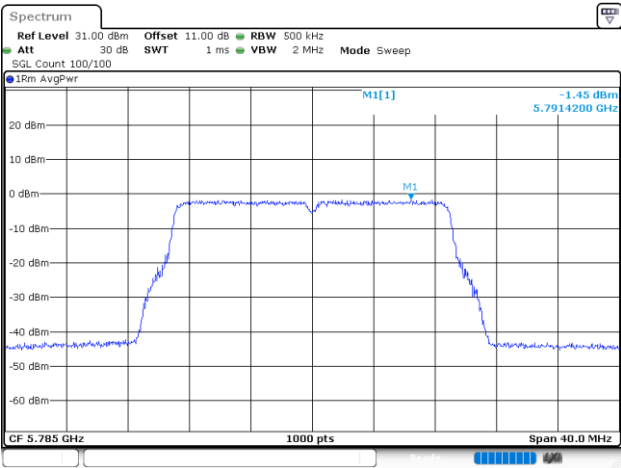
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 13:06:59

802.11ac20_5745MHz_Chain 0



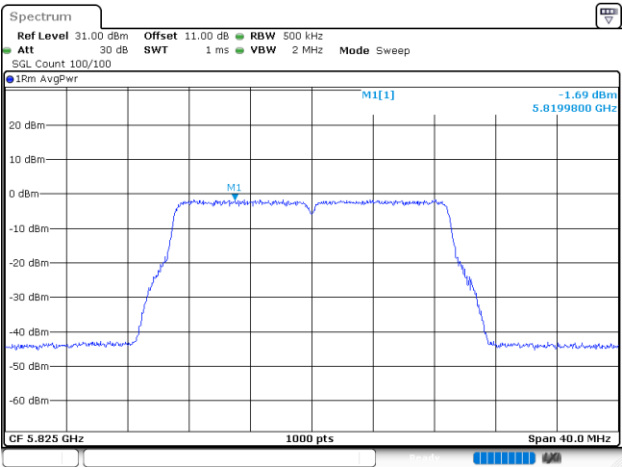
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 13:49:57

802.11ac20_5785MHz_Chain 0



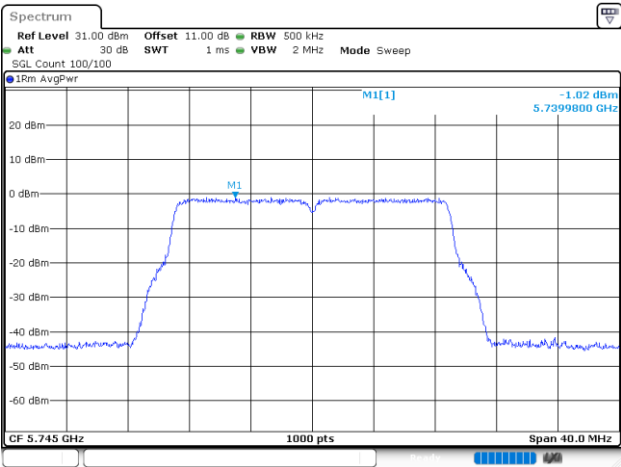
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 13:54:24

802.11ac20_5825MHz_Chain 0



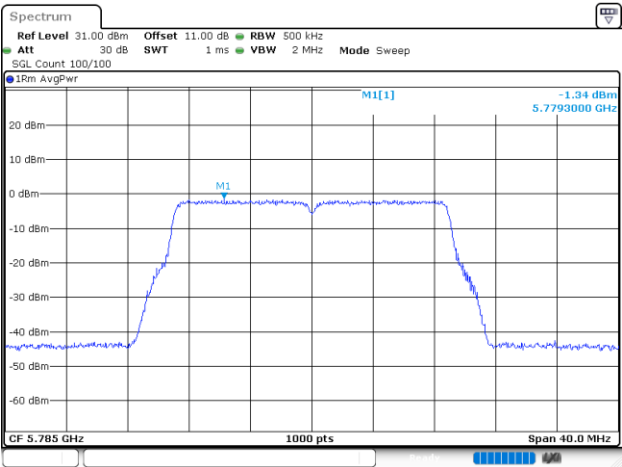
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 13:58:30

802.11ac20_5745MHz_Chain 1



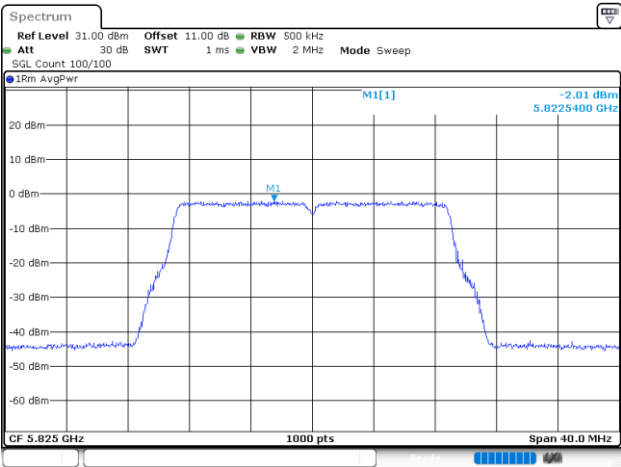
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 14:37:10

802.11ac20_5785MHz_Chain 1



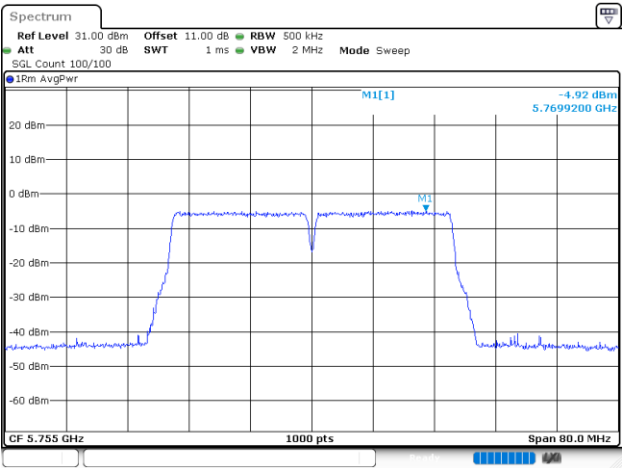
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 14:41:18

802.11ac20_5825MHz_Chain 1



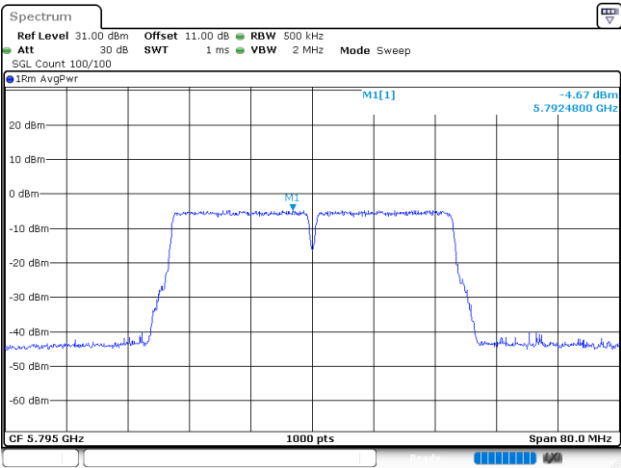
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 14:01:44

802.11ac40_5755MHz_Chain 0



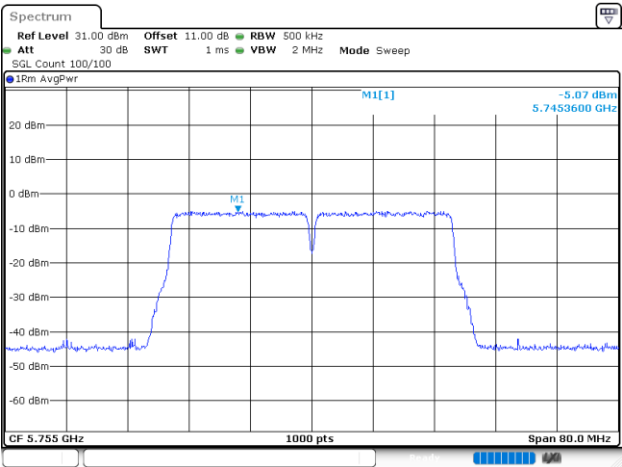
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 14:56:41

802.11ac40_5795MHz_Chain 0



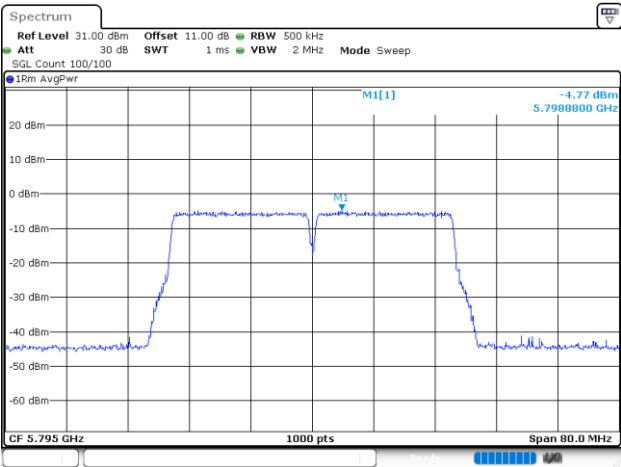
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 14:59:29

802.11ac40_5755MHz_Chain 1



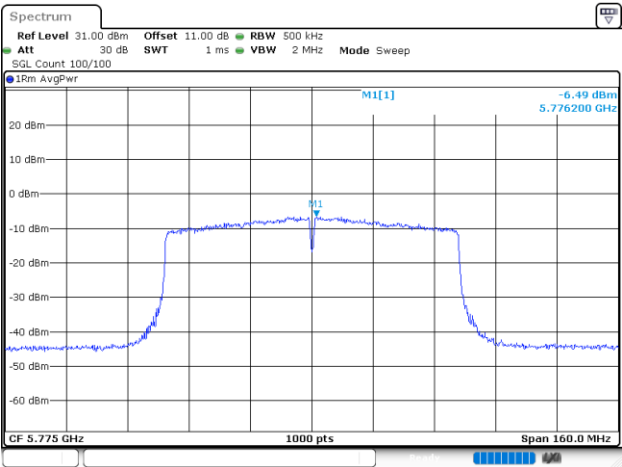
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 15:15:35

802.11ac40_5795MHz_Chain 1



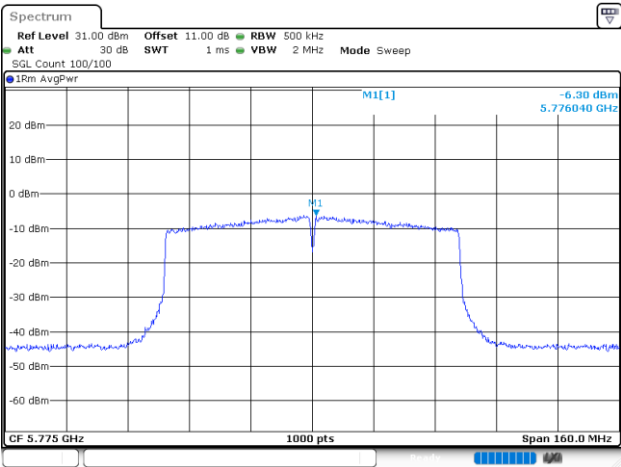
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 15:04:44

802.11ac80_5775MHz_Chain 0



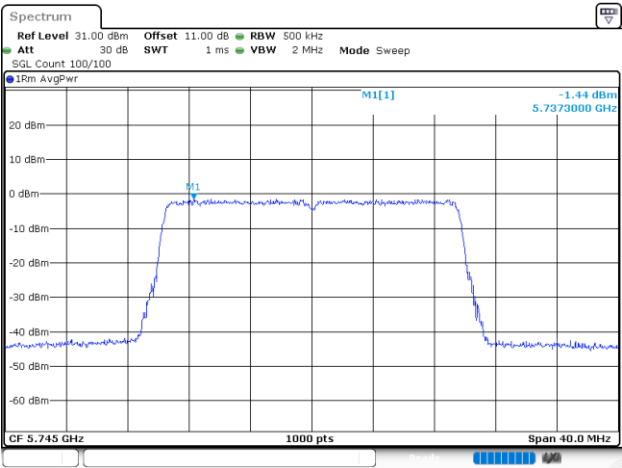
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 15:37:57

802.11ac80_5775MHz_Chain 1



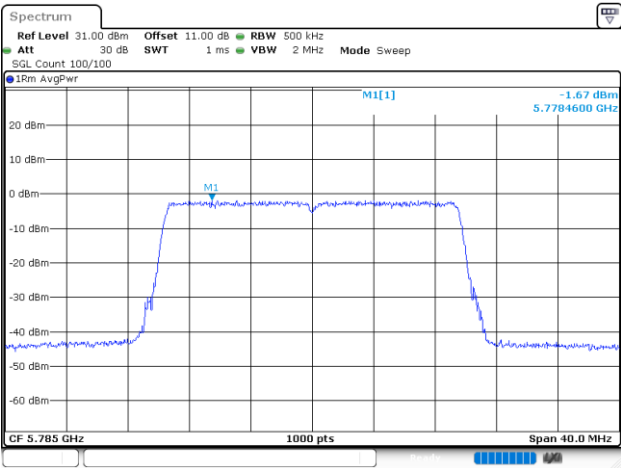
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 15:50:34

802.11ax20_5745MHz_RU_Full_Chain 0



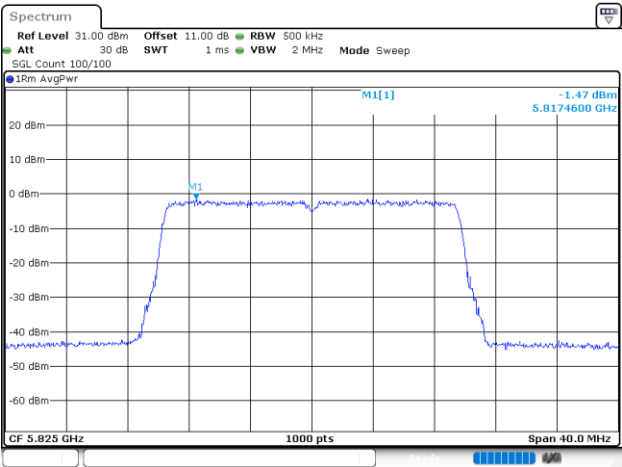
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 16:10:05

802.11ax20_5785MHz_RU_Full_Chain 0



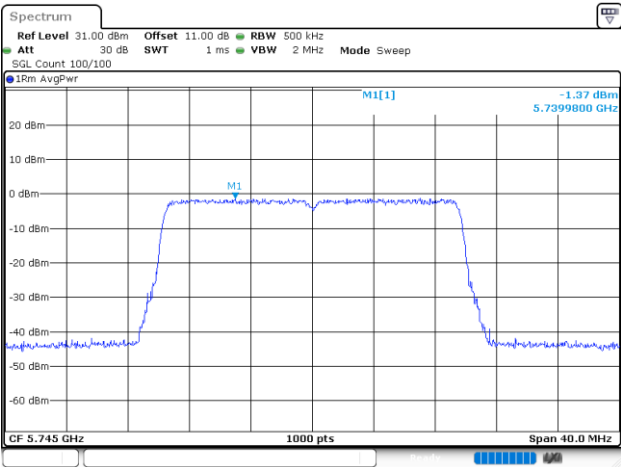
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 16:14:20

802.11ax20_5825MHz_RU_Full_Chain 0



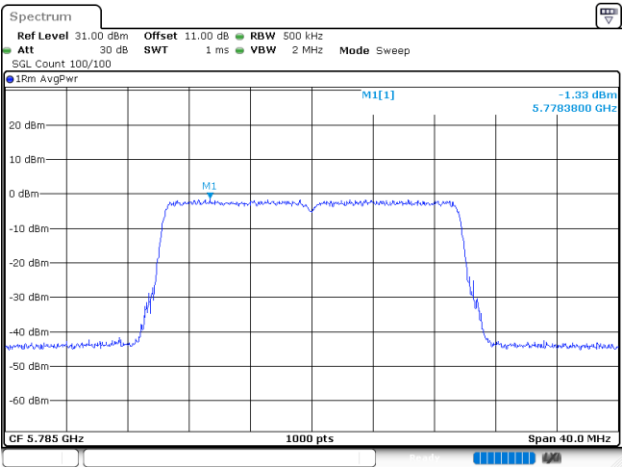
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 16:18:56

802.11ax20_5745MHz_RU_Full_Chain 1



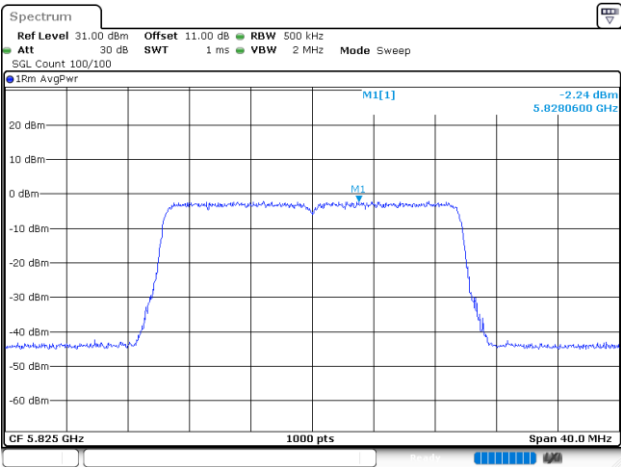
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 16:39:43

802.11ax20_5785MHz_RU_Full_Chain 1



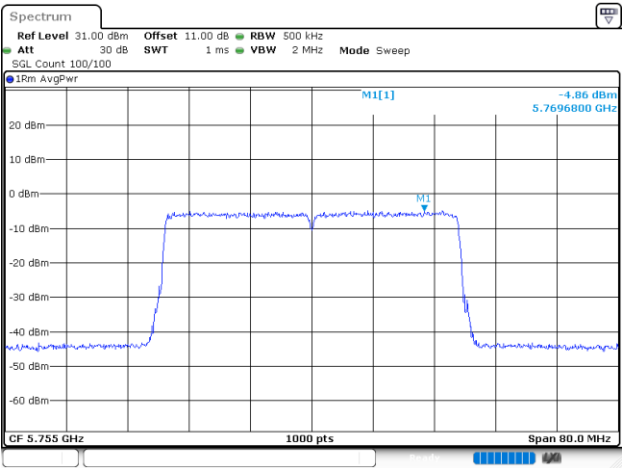
ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 16:44:40

802.11ax20_5825MHz_RU_Full_Chain 1

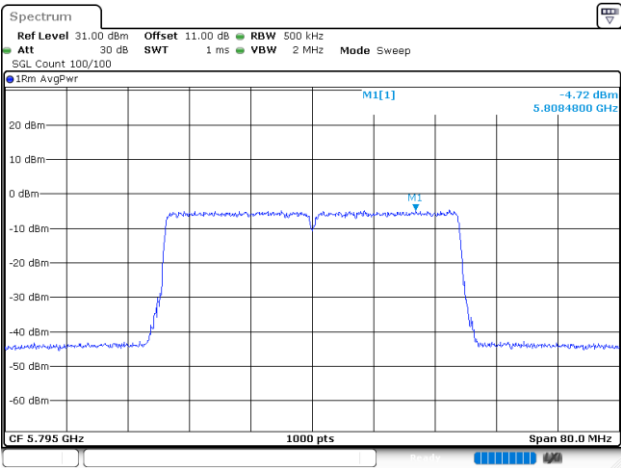


ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 5.SEP.2025 16:22:45

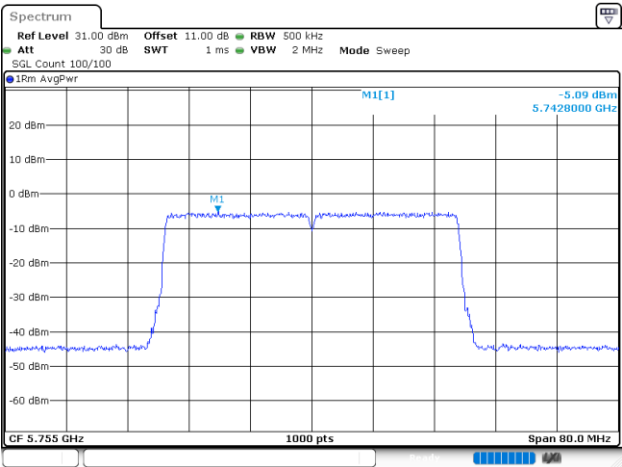
802.11ax40_5755MHz_RU_FULL_Chain 0



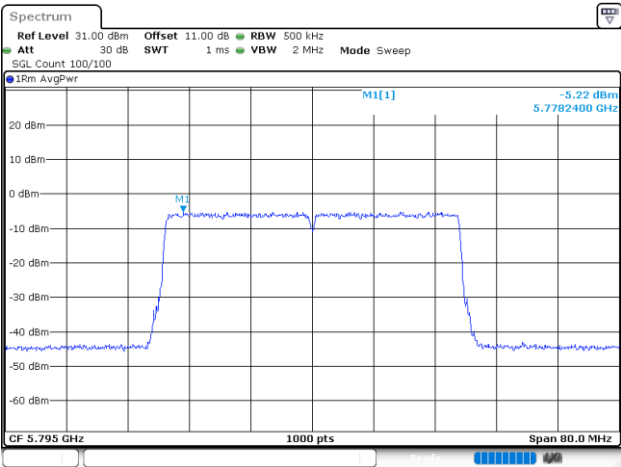
802.11ax40_5795MHz_RU_FULL_Chain 0



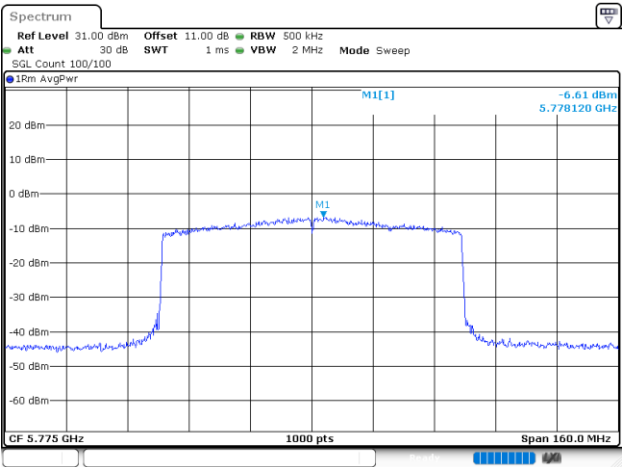
802.11ax40_5755MHz_RU_FULL_Chain 1



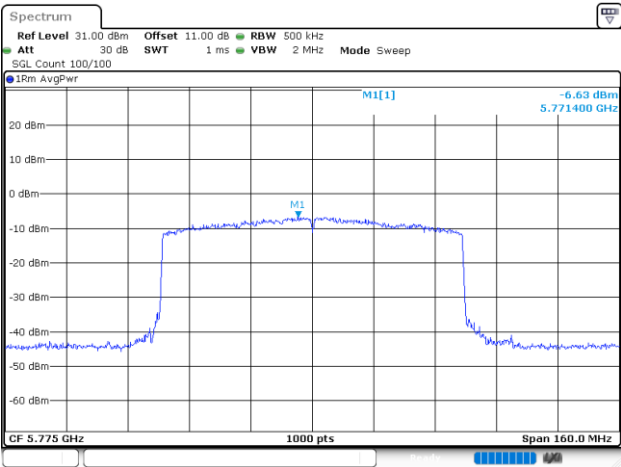
802.11ax40_5795MHz_RU_FULL_Chain 1



802.11ax80_5775MHz_RU_Full_Chain 0



802.11ax80_5775MHz_RU_Full_Chain 1



Duty Cycle

5150-5250MHz

Mode	Antenna	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	Chain 0	5200	4.123	4.209	97.96	0.09	243	0.300
802.11ac20	Chain 0	5200	2.870	2.897	99.07	/	/	0.010
802.11ac40	Chain 0	5190	2.224	2.250	98.84	/	/	0.010
802.11ac80	Chain 0	5210	1.043	1.065	97.93	0.09	959	1
802.11ax20_RU_FULL	Chain 0	5200	2.794	2.822	99.01	/	/	0.010
802.11ax40_RU_FULL	Chain 0	5190	1.426	1.452	98.21	/	/	0.010
802.11ax80_RU_FULL	Chain 0	5210	1.426	1.452	98.21	/	/	0.010

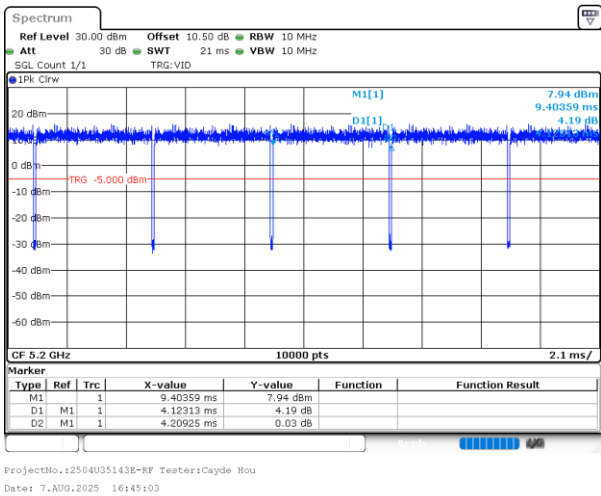
5725-5850MHz

Mode	Antenna	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	Chain 0	5785	4.116	4.202	97.95	0.09	243	0.300
802.11ac20	Chain 0	5785	2.870	2.897	99.07	/	/	0.010
802.11ac40	Chain 0	5755	2.214	2.240	98.84	/	/	0.010
802.11ac80	Chain 0	5775	1.038	1.059	98.02	/	/	0.010
802.11ax20_RU_FULL	Chain 0	5785	2.788	2.816	99.01	/	/	0.010
802.11ax40_RU_FULL	Chain 0	5755	2.788	2.815	99.04	/	/	0.010
802.11ax80_RU_FULL	Chain 0	5775	1.426	1.452	98.21	/	/	0.010

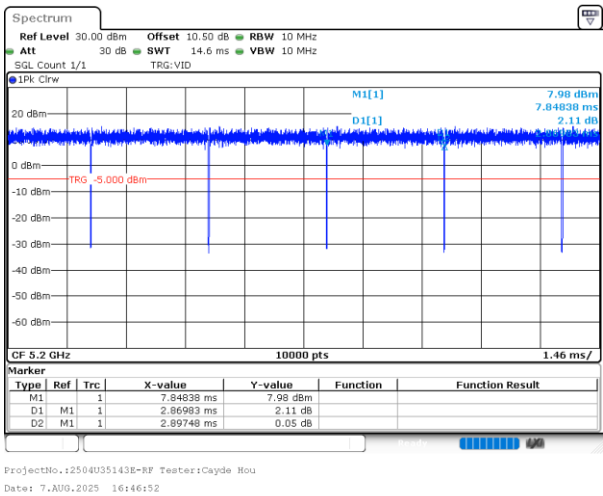
Duty Cycle = Ton/(Ton+Toff)*100%

5150-5250MHz

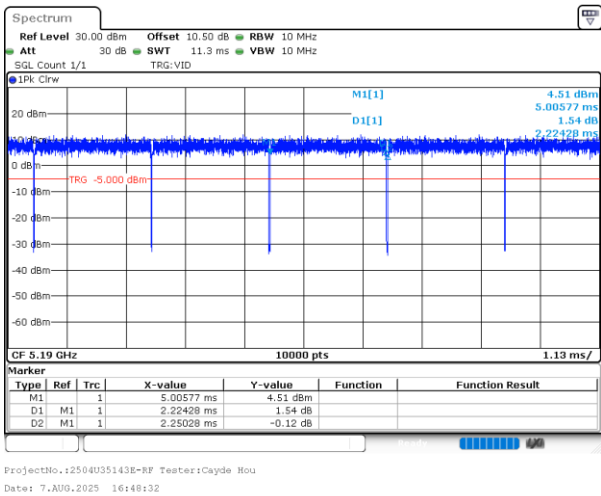
802.11a_5200MHz_Chain 0



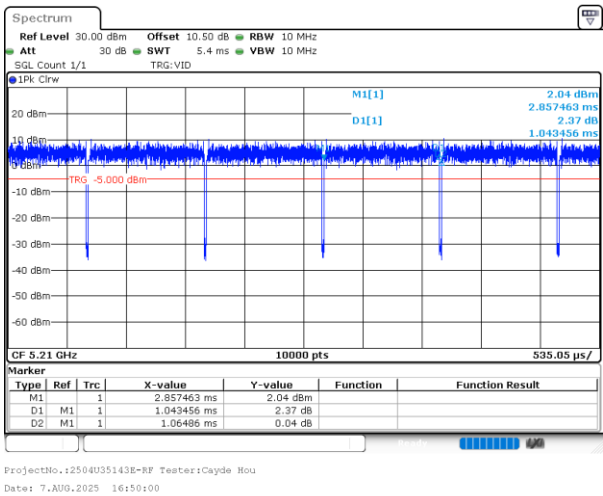
802.11ac20_5200MHz_Chain 0



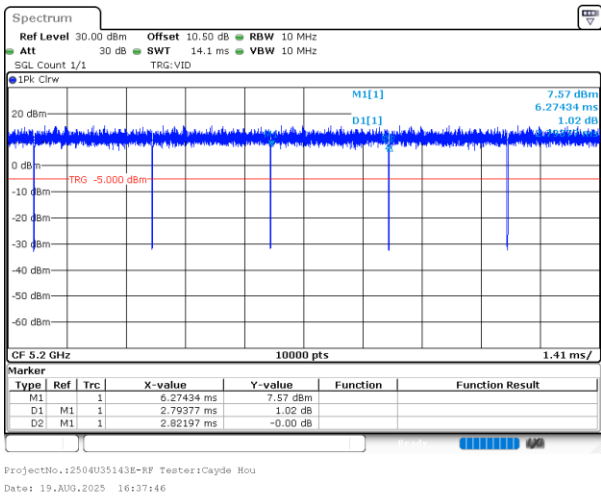
802.11ac40_5190MHz_Chain 0



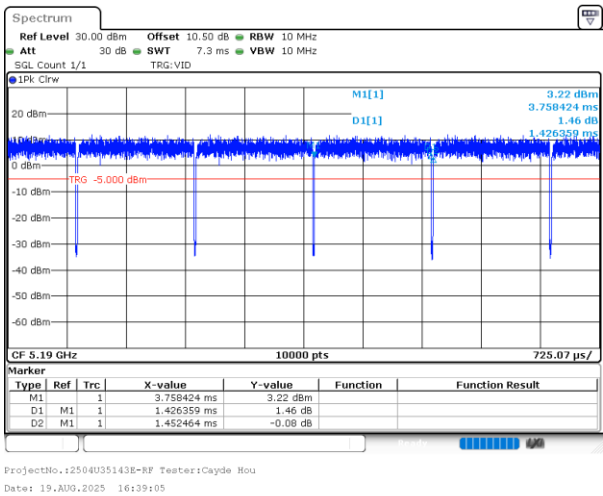
802.11ac80_5210MHz_Chain 0



802.11ax20_5200MHz_RU_FULL_Chain 0

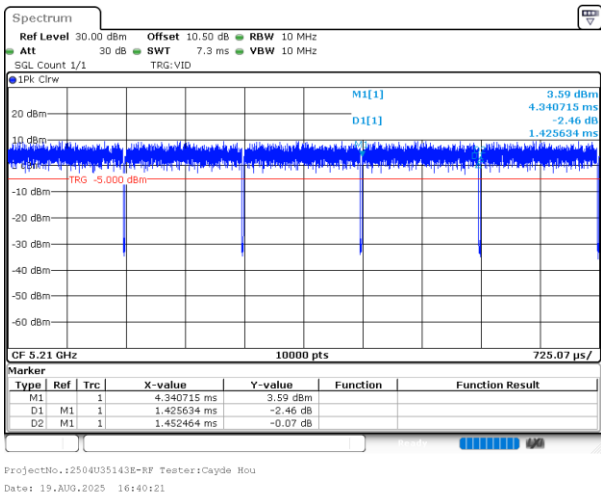


802.11ax40_5190MHz_RU_FULL_Chain 0

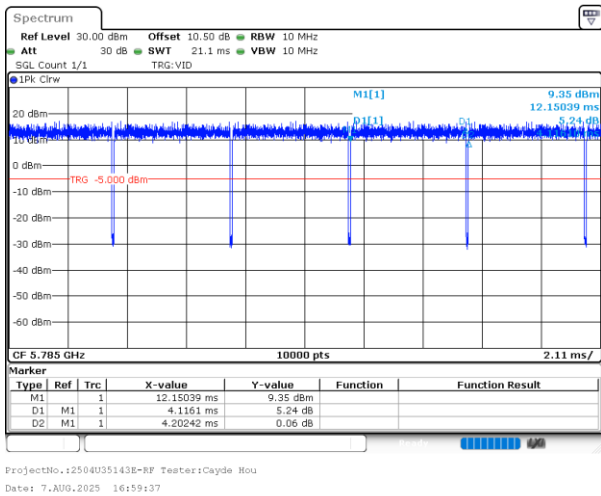


5725-5850MHz

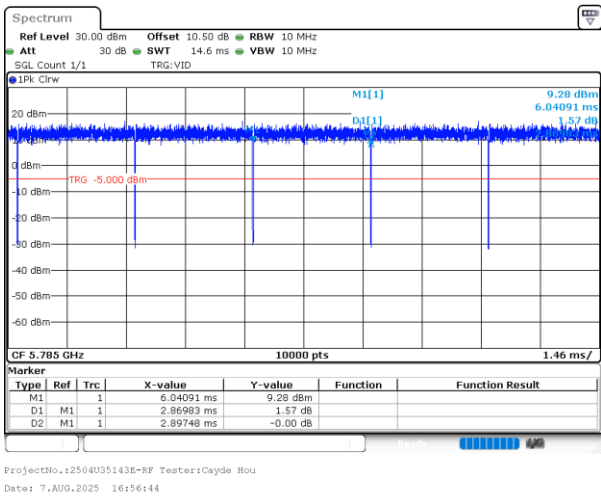
802.11ax80_5210MHz_RU_FULL_Chain 0



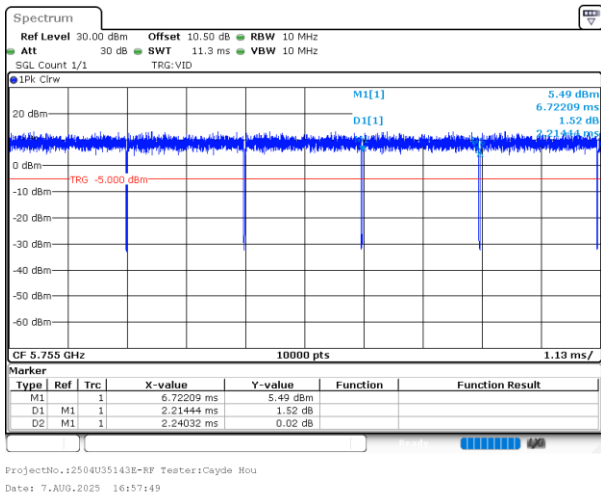
802.11a_5785MHz_Chain 0



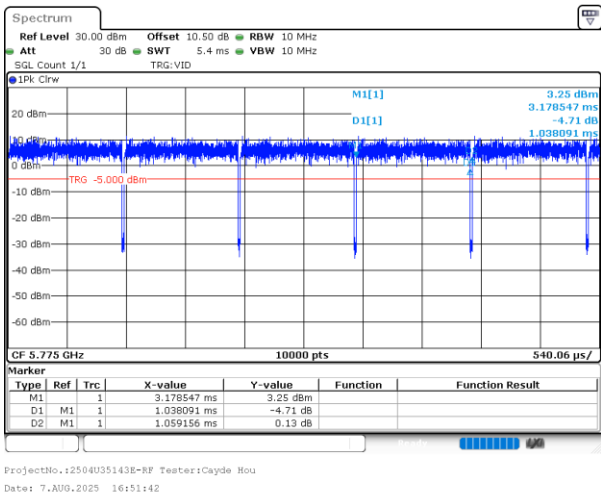
802.11ac20_5785MHz_Chain 0



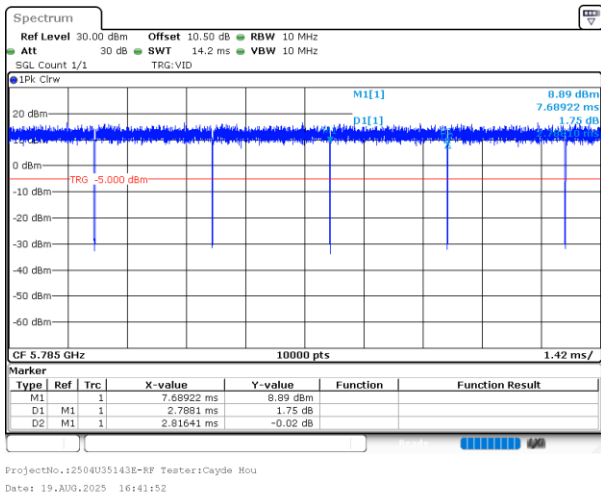
802.11ac40_5755MHz_Chain 0



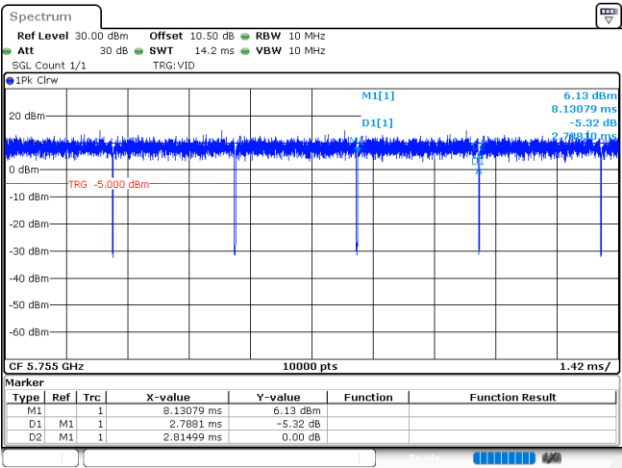
802.11ac80_5775MHz_Chain 0



802.11ax20_5785MHz_RU_FULL_Chain 0

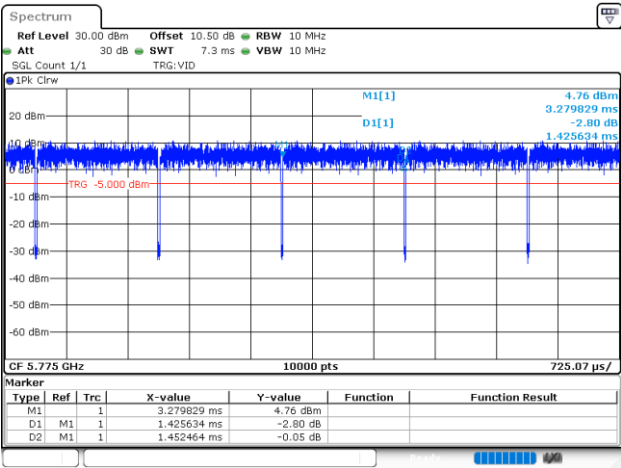


802.11ax40_5755MHz_RU_FULL_Chain 0



ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 19.AUG.2025 16:43:07

802.11ax80_5775MHz_RU_FULL_Chain 0



ProjectNo.:2504U35143E-RF Tester:Cayde Hou
Date: 19.AUG.2025 16:44:16