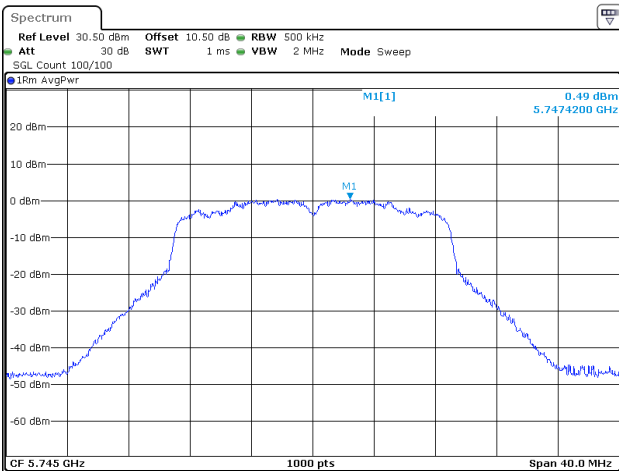
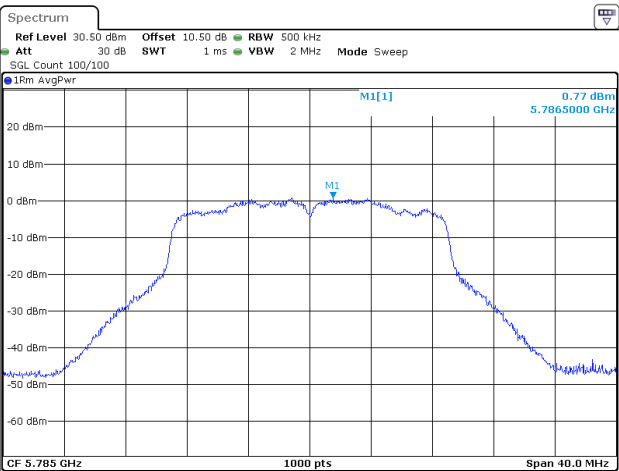


802.11ac20_5745MHz_Chain 0



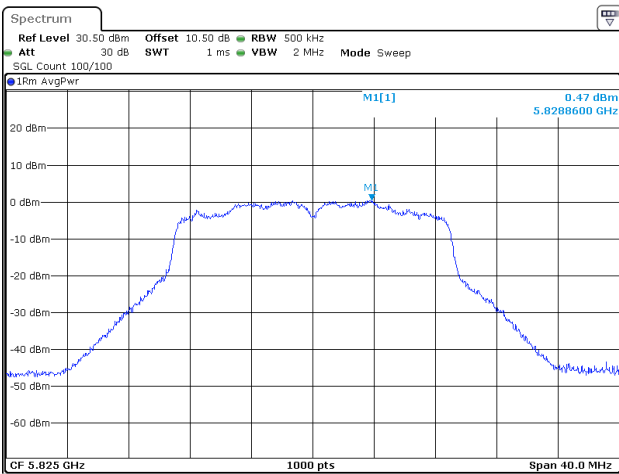
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 30.MAY.2025 00:18:39

802.11ac20_5785MHz_Chain 0



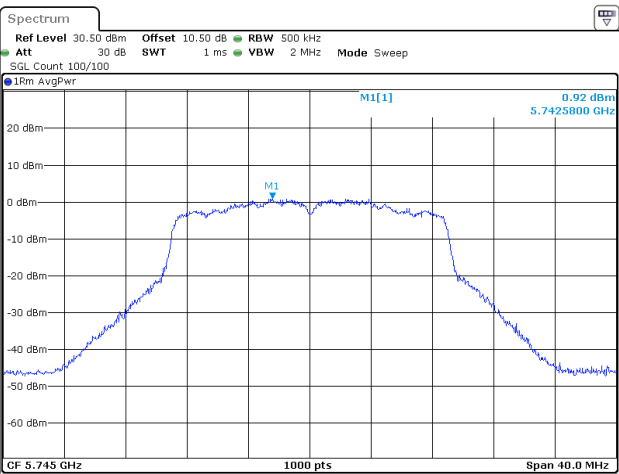
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 30.MAY.2025 00:16:49

802.11ac20_5825MHz_Chain 0



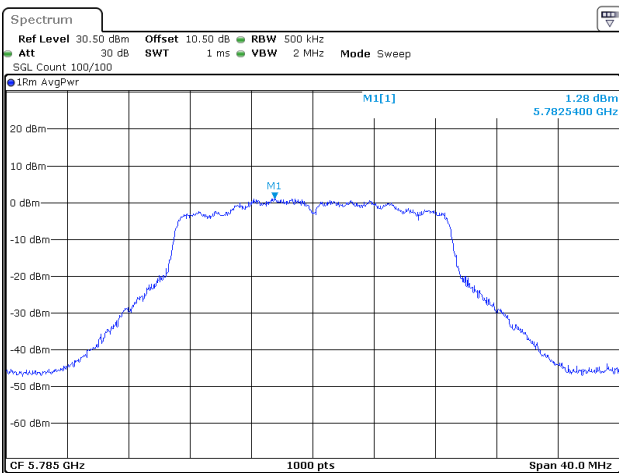
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 30.MAY.2025 00:20:18

802.11ac20_5745MHz_Chain 1



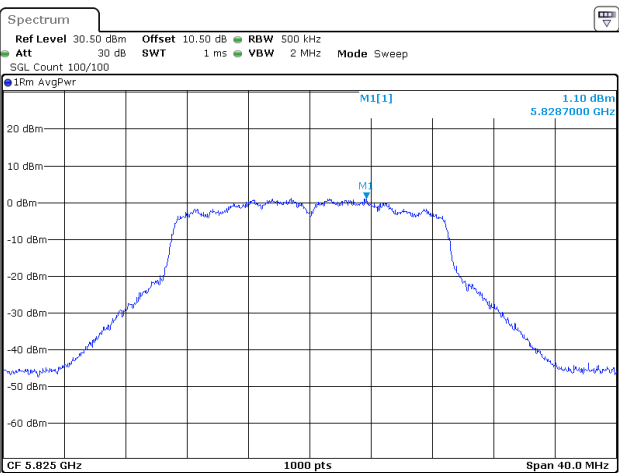
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 6.JUN.2025 23:15:02

802.11ac20_5785MHz_Chain 1



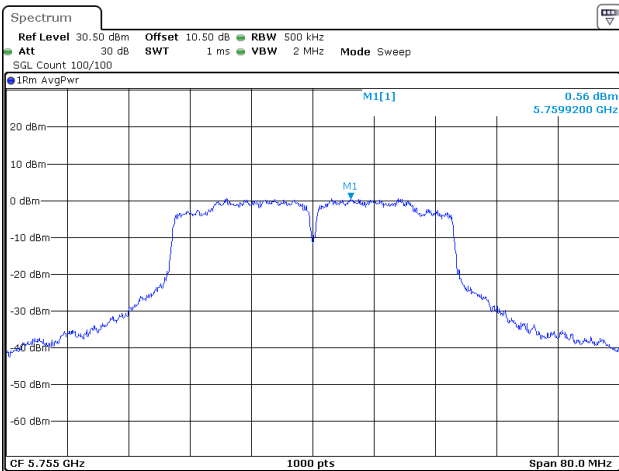
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 6.JUN.2025 23:16:37

802.11ac20_5825MHz_Chain 1



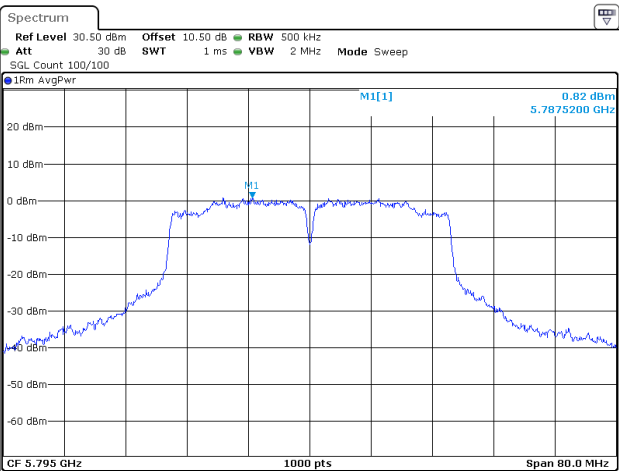
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 6.JUN.2025 23:18:05

802.11ac40_5755MHz_Chain 0



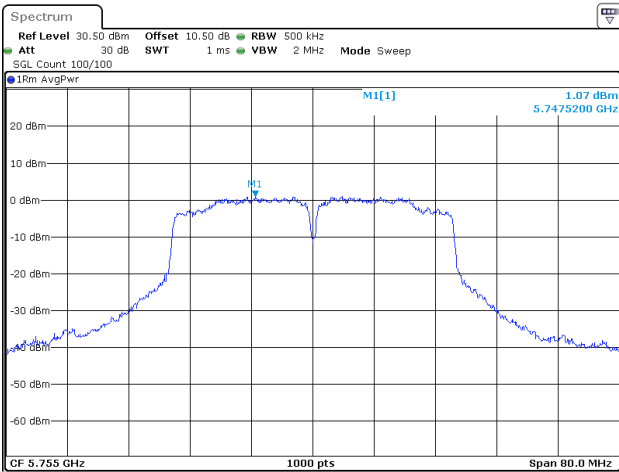
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 30.MAY.2025 00:22:05

802.11ac40_5795MHz_Chain 0



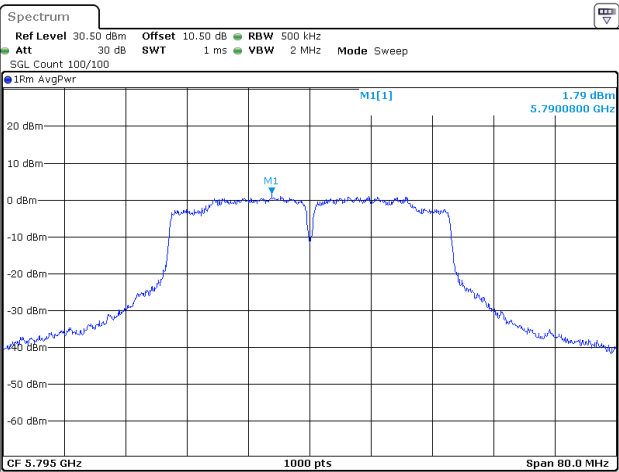
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 30.MAY.2025 00:23:14

802.11ac40_5755MHz_Chain 1



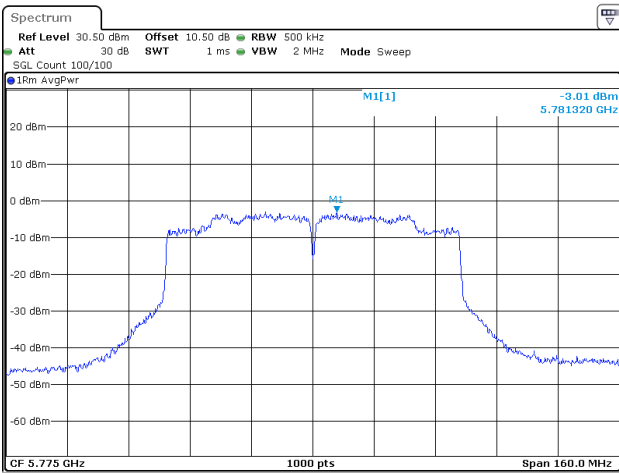
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 6.JUN.2025 23:19:43

802.11ac40_5795MHz_Chain 1



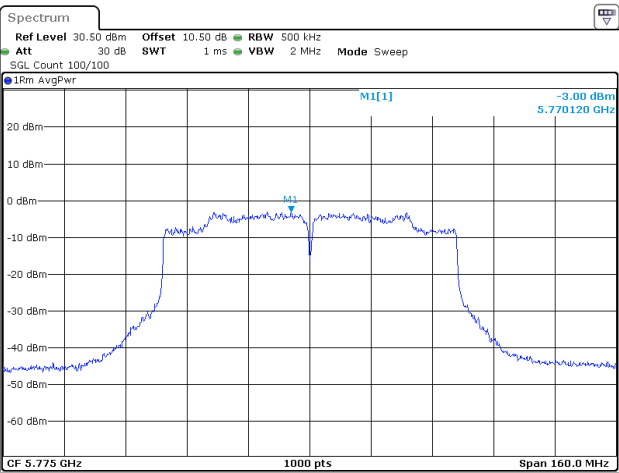
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 6.JUN.2025 23:20:30

802.11ac80_5775MHz_Chain 0



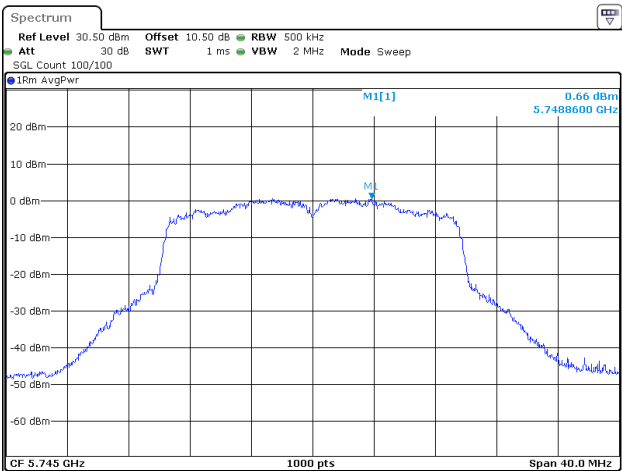
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 30.MAY.2025 00:25:29

802.11ac80_5775MHz_Chain 1



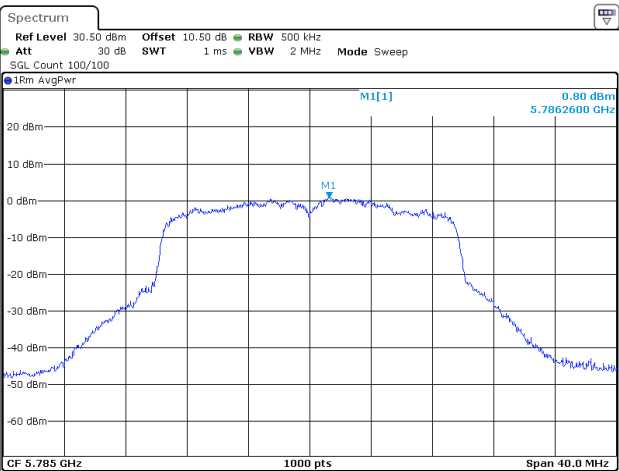
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 6.JUN.2025 23:21:50

802.11ax20_5745MHz_RU_Full_Chain 0



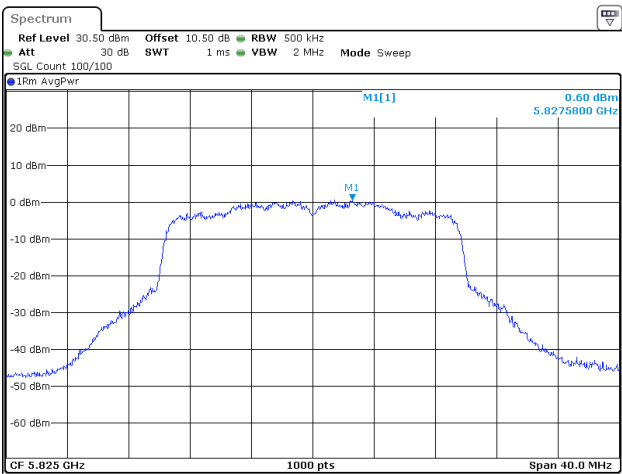
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 30.MAY.2025 00:27:08

802.11ax20_5785MHz_RU_Full_Chain 0



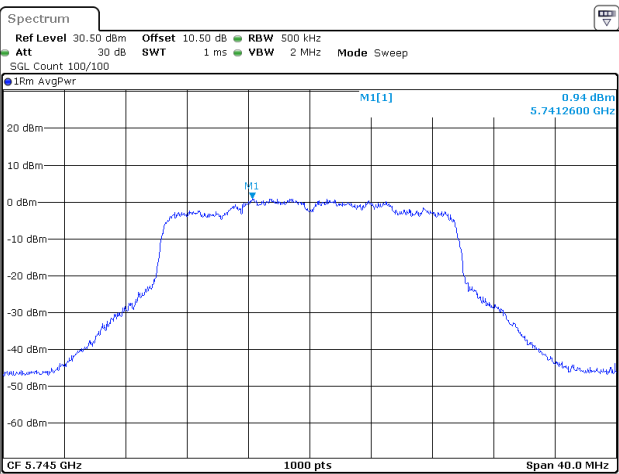
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 30.MAY.2025 00:29:45

802.11ax20_5825MHz_RU_Full_Chain 0



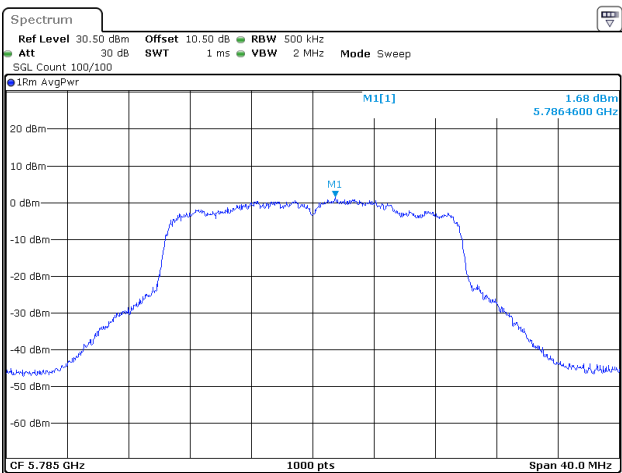
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 30.MAY.2025 00:31:08

802.11ax20_5745MHz_RU_Full_Chain 1



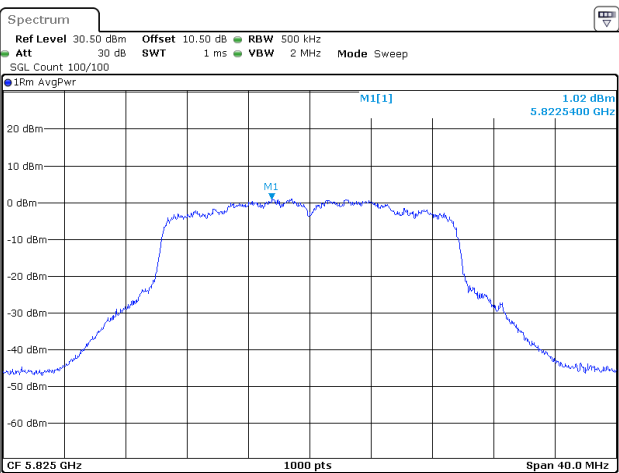
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 6.JUN.2025 23:23:17

802.11ax20_5785MHz_RU_Full_Chain 1



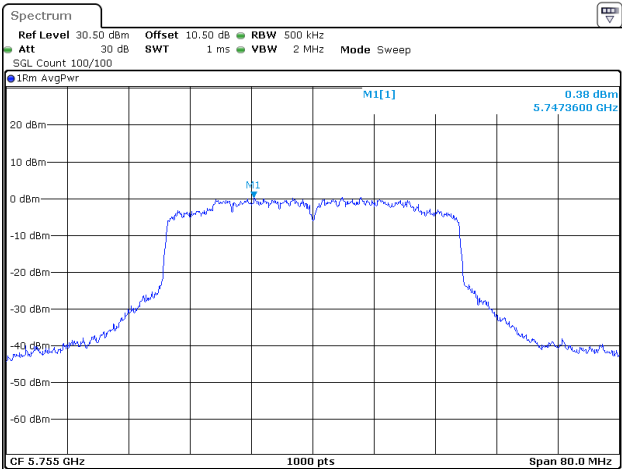
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 6.JUN.2025 23:26:45

802.11ax20_5825MHz_RU_Full_Chain 1

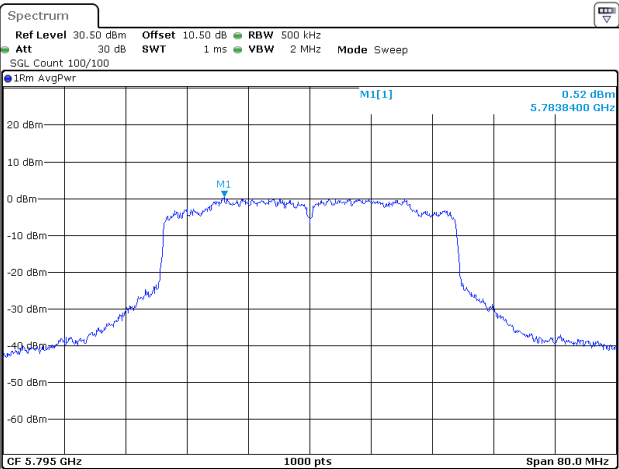


ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 6.JUN.2025 23:27:36

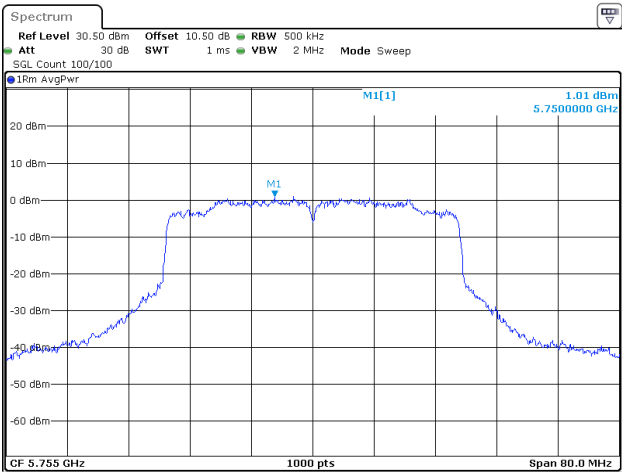
802.11ax40_5755MHz_RU_Full_Chain 0



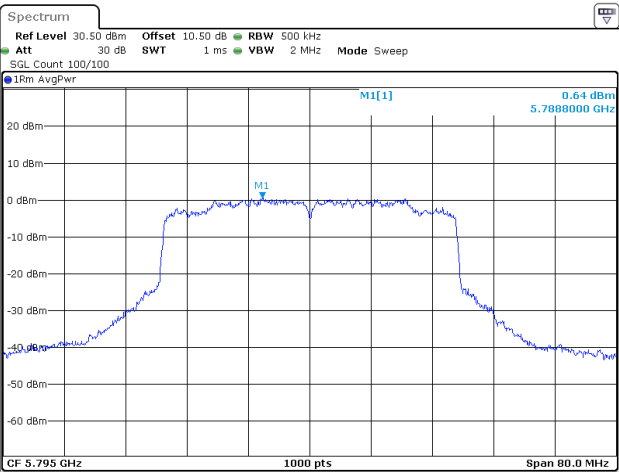
802.11ax40_5795MHz_RU_Full_Chain 0



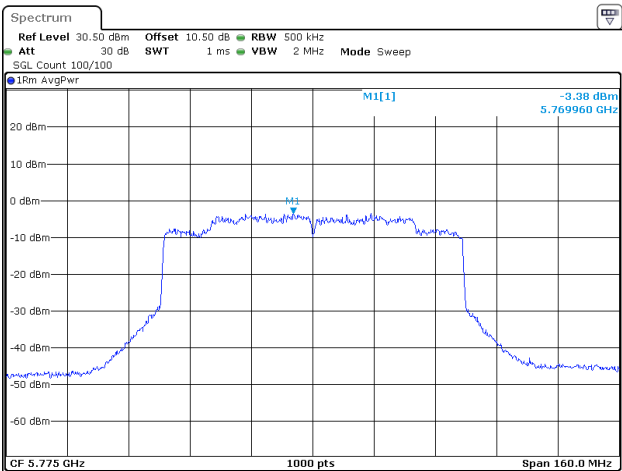
802.11ax40_5755MHz_RU_Full_Chain 1



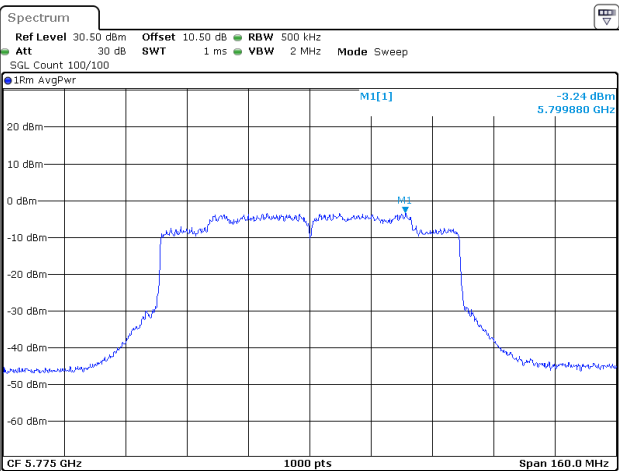
802.11ax40_5795MHz_RU_Full_Chain 1



802.11ax80_5775MHz_RU_Full_Chain 0



802.11ax80_5775MHz_RU_Full_Chain 1



Duty Cycle**Test Information:**

Sample No.:	330P-2	Test Date:	2025/09/04
Test Site:	RF	Test Mode:	Transmitting
Tester:	Brian Li	Test Result:	Pass

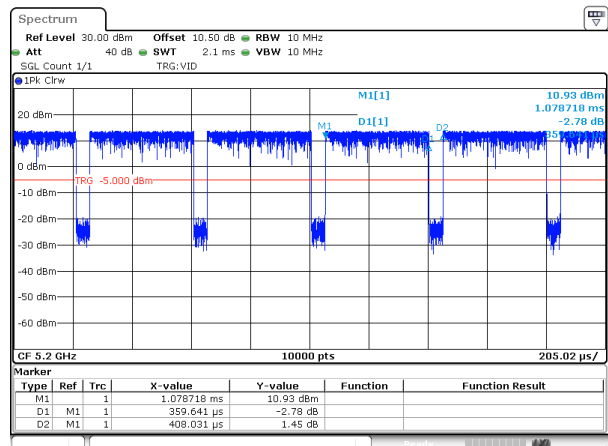
Environmental Conditions:

Temperature: (°C)	26	Relative Humidity: (%)	52	ATM Pressure: (kPa)	101
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Test Data:

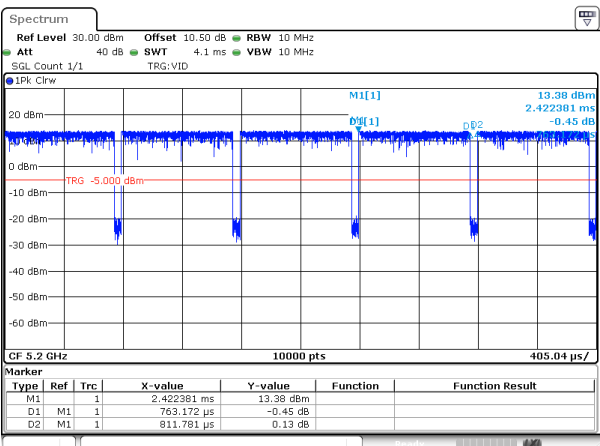
Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5200	0.360	0.408	88.24	0.54	2778	3
802.11ac20	5200	0.763	0.812	93.97	0.27	1311	2
802.11ac40	5190	0.775	0.825	93.94	0.27	1290	2
802.11ac80	5210	0.758	0.809	93.70	0.28	1319	2
802.11ac160	5250	0.759	0.809	93.82	0.28	1318	2
802.11ax20_RU_Full	5200	0.772	0.822	93.92	0.27	1295	2
802.11ax40_RU_Full	5190	0.764	0.814	93.86	0.28	1309	2
802.11ax80_RU_Full	5210	0.772	0.822	93.92	0.27	1295	2
802.11ax160_RU_Full	5250	0.771	0.822	93.80	0.28	1297	2

802.11a_5200MHz



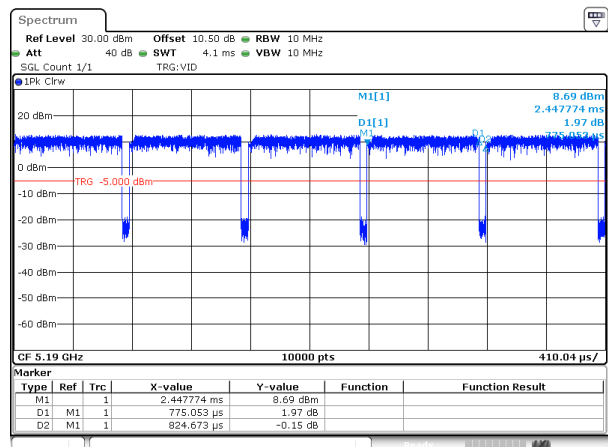
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 4.SEP.2025 20:15:30

802.11ac20_5200MHz



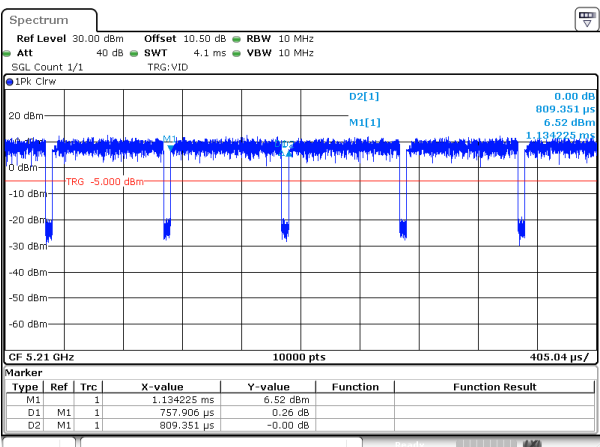
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 4.SEP.2025 20:18:04

802.11ac40_5190MHz



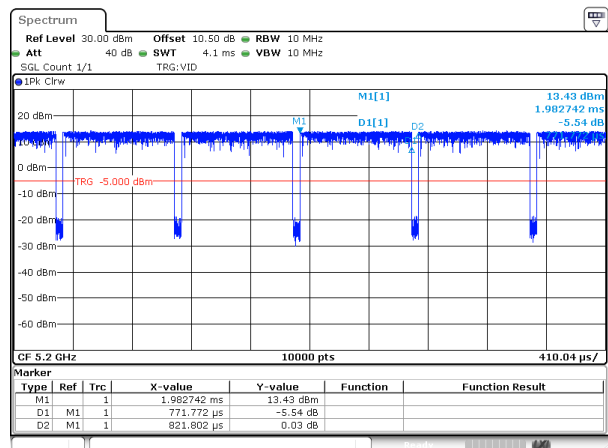
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 4.SEP.2025 20:18:29

802.11ac80_5210MHz



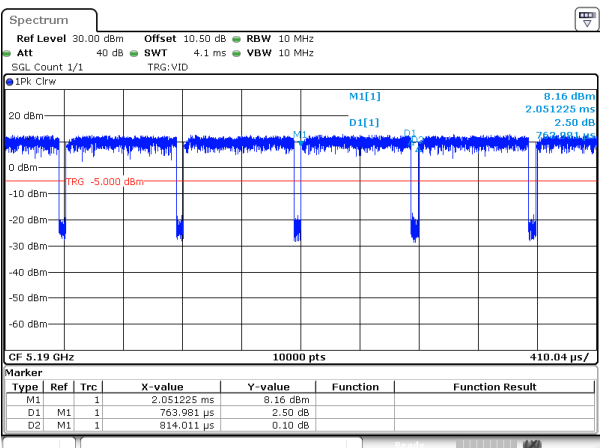
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 4.SEP.2025 20:19:26

802.11ax20_5200MHz_RU_Full



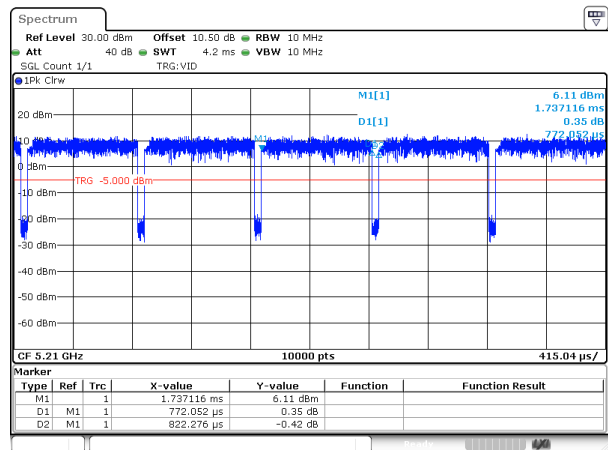
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 4.SEP.2025 20:16:04

802.11ax40_5190MHz_RU_Full



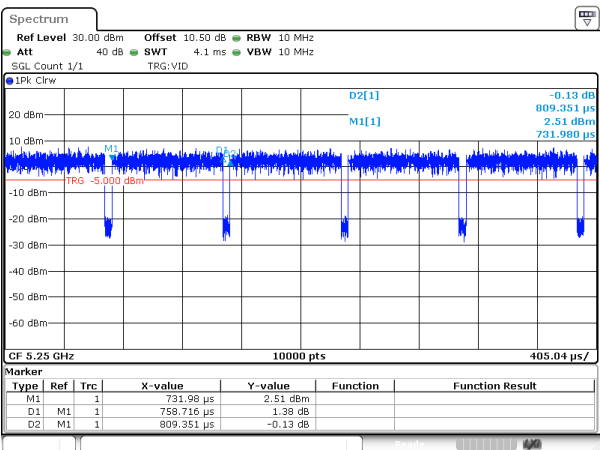
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 4.SEP.2025 20:16:42

802.11ax80_5210MHz_RU_Full



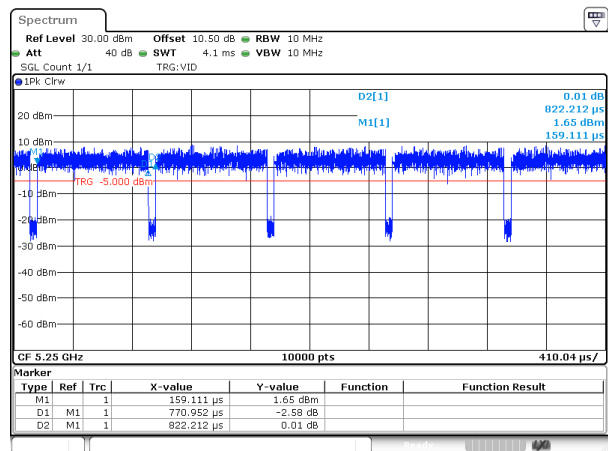
ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 4.SEP.2025 20:17:27

802.11ac160_5250MHz



ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 4.SEP.2025 20:21:10

802.11ax160_5250MHz_RU_Full



ProjectNo.:2501T30351E-RF Tester:Brian Li
Date: 4.SEP.2025 20:20:21

26dB Attenuated Below The Channel Power

Test Information:

Sample No.:	330P-2	Test Date:	2025/09/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rainbow Zhu	Test Result:	Pass

Environmental Conditions:

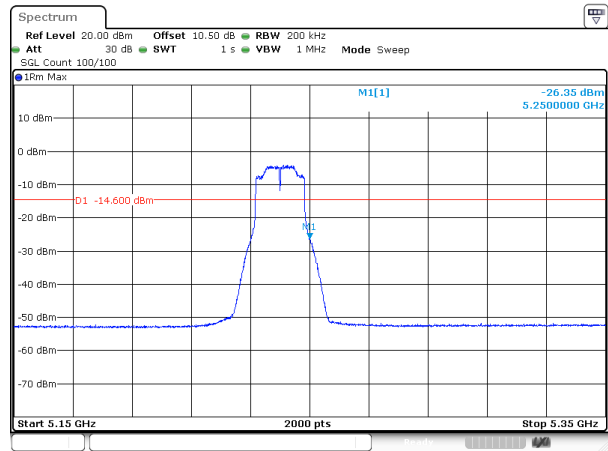
Temperature: (°C)	26.8	Relative Humidity: (%)	53	ATM Pressure: (kPa)	100.1
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Test Data:
5150-5250MHz

Mode	Antenna	Test Frequency (MHz)	Result (dBm)	Limit (dBm)	Verdict
802.11a	Chain 0	5240	-26.35	-14.60	Pass
	Chain 1	5240	-27.50	-13.08	Pass
802.11ac20	Chain 0	5240	-25.73	-16.56	Pass
	Chain 1	5240	-27.19	-16.60	Pass
802.11ac40	Chain 0	5230	-27.87	-14.79	Pass
	Chain 1	5230	-28.93	-13.23	Pass
802.11ac80	Chain 0	5210	-27.75	-12.30	Pass
	Chain 1	5210	-27.95	-11.10	Pass
802.11ax20_RU_FULL	Chain 0	5240	-25.38	-19.15	Pass
	Chain 1	5240	-26.04	-19.17	Pass
802.11ax40_RU_FULL	Chain 0	5230	-27.59	-15.23	Pass
	Chain 1	5230	-29.01	-13.79	Pass
802.11ax80_RU_FULL	Chain 0	5210	-25.33	-12.75	Pass
	Chain 1	5210	-25.78	-11.50	Pass

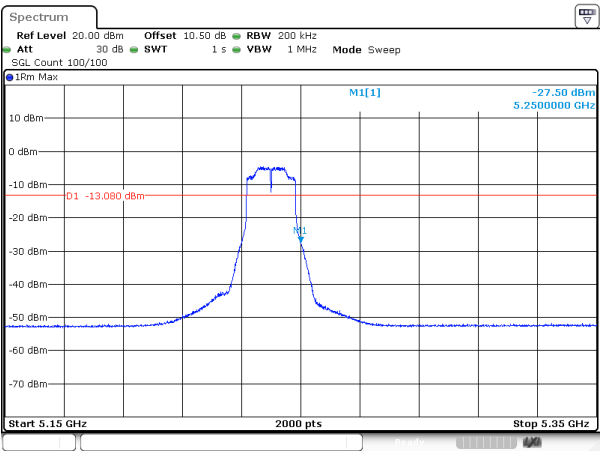
5150-5250MHz

802.11a_5240MHz_Chain 0



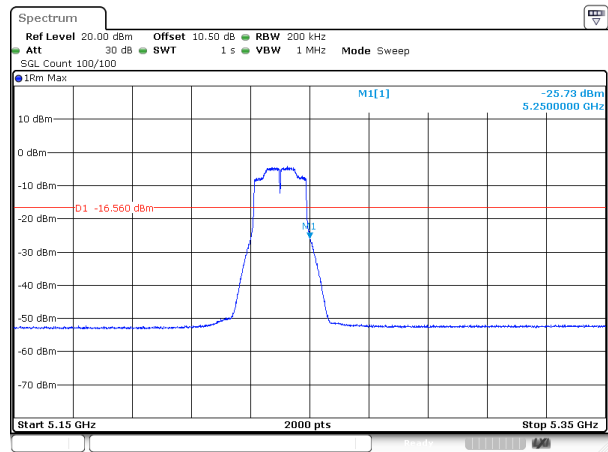
ProjectNo.:2501T30351E-RF Tester:Rainbow Zhu
Date: 25.SEP.2025 18:14:41

802.11a_5240MHz_Chain 1



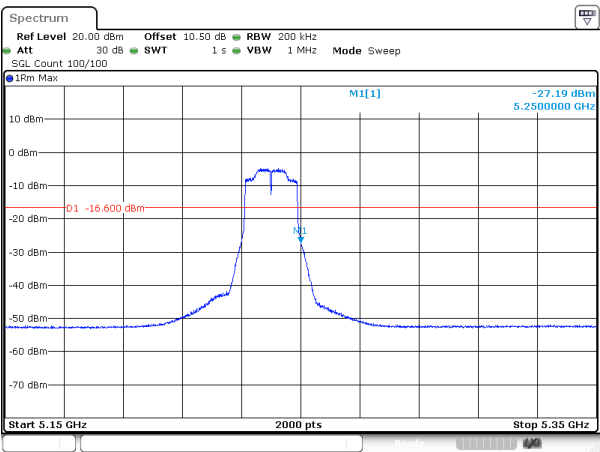
ProjectNo.:2501T30351E-RF Tester:Rainbow Zhu
Date: 25.SEP.2025 20:47:40

802.11ac20_5240MHz_Chain 0



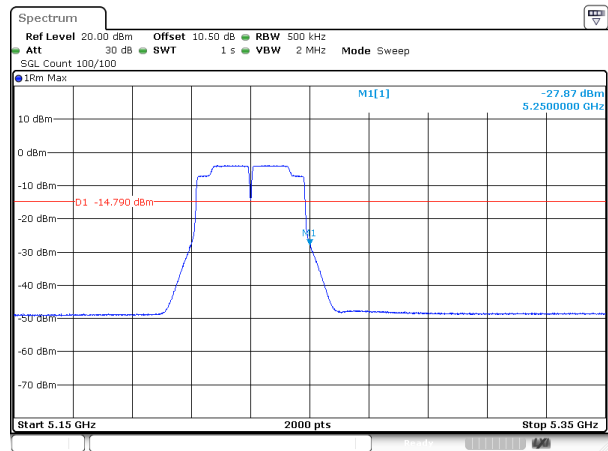
ProjectNo.:2501T30351E-RF Tester:Rainbow Zhu
Date: 25.SEP.2025 17:34:59

802.11ac20_5240MHz_Chain 1



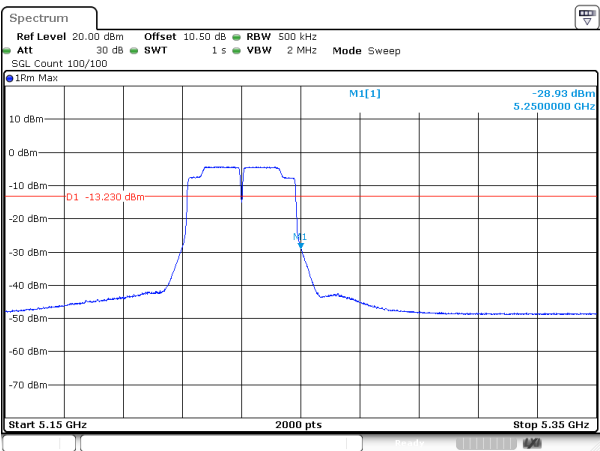
ProjectNo.:2501T30351E-RF Tester:Rainbow Zhu
Date: 25.SEP.2025 20:57:12

802.11ac40_5230MHz_Chain 0



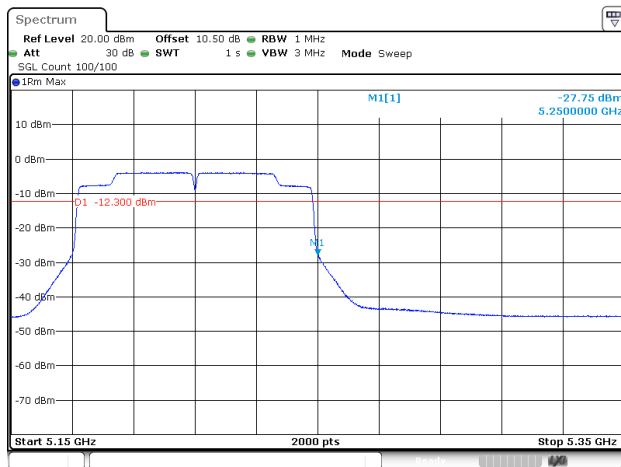
ProjectNo.:2501T30351E-RF Tester:Rainbow Zhu
Date: 25.SEP.2025 17:38:25

802.11ac40_5230MHz_Chain 1



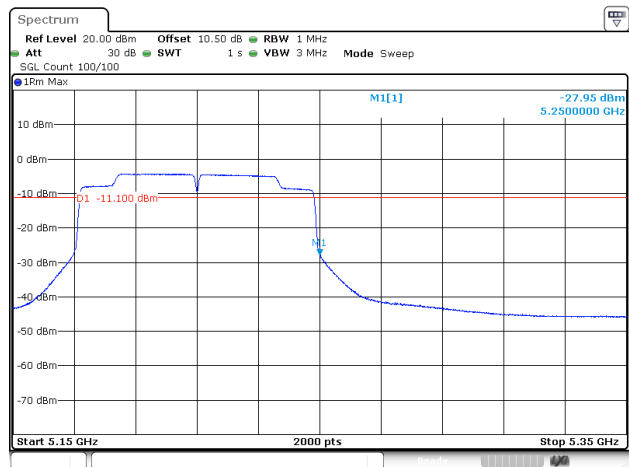
ProjectNo.:2501T30351E-RF Tester:Rainbow Zhu
Date: 25.SEP.2025 20:59:31

802.11ac80_5210MHz_Chain 0



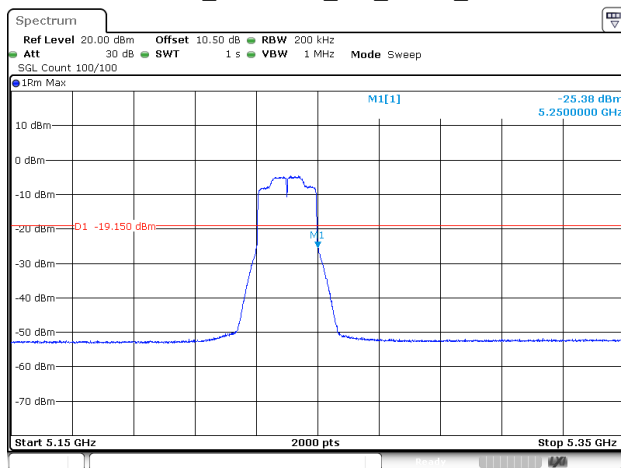
ProjectNo.:2501T30351E-RF Tester:Rainbow Zhu
Date: 25.SEP.2025 18:00:24

802.11ac80_5210MHz_Chain 1



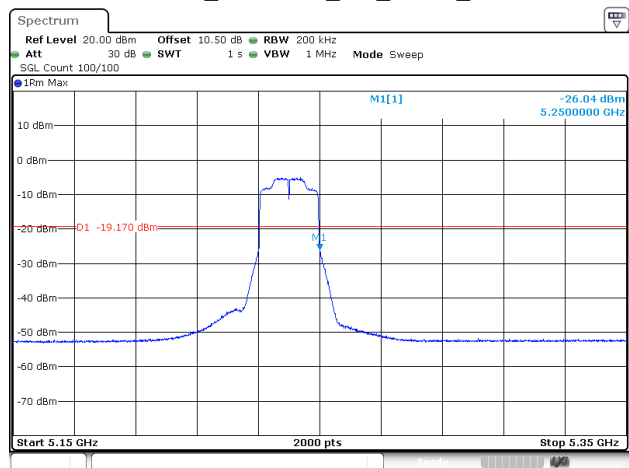
ProjectNo.:2501T30351E-RF Tester:Rainbow Zhu
Date: 25.SEP.2025 21:01:46

802.11ax20_5240MHz_RU_FULL_Chain 0



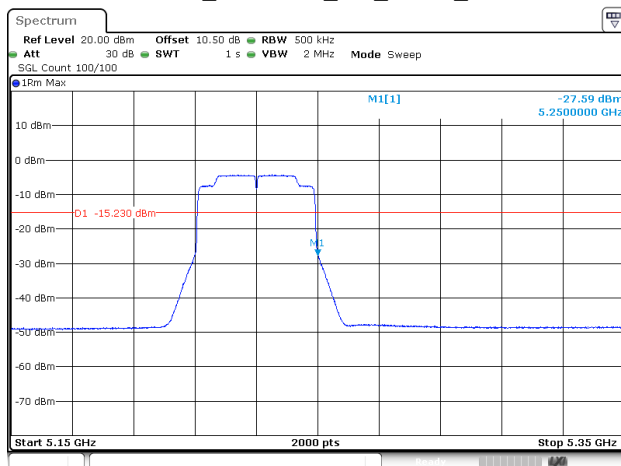
ProjectNo.:2501T30351E-RF Tester:Rainbow Zhu
Date: 25.SEP.2025 17:25:27

802.11ax20_5240MHz_RU_FULL_Chain 1



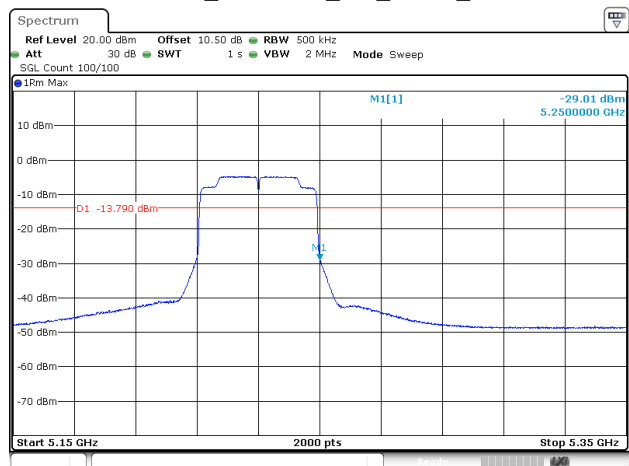
ProjectNo.:2501T30351E-RF Tester:Rainbow Zhu
Date: 25.SEP.2025 20:50:03

802.11ax40_5230MHz_RU_FULL_Chain 0



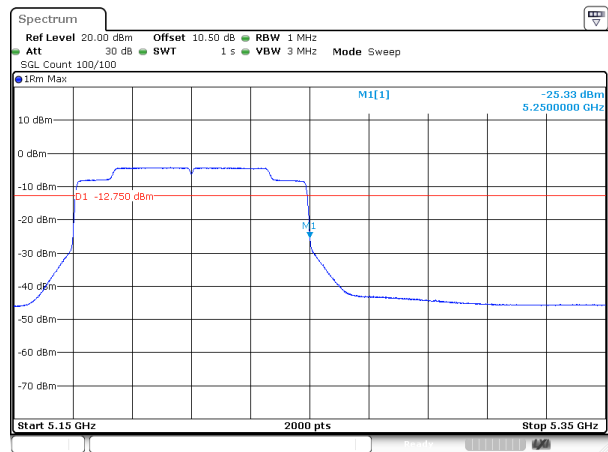
ProjectNo.:2501T30351E-RF Tester:Rainbow Zhu
Date: 25.SEP.2025 17:28:23

802.11ax40_5230MHz_RU_FULL_Chain 1



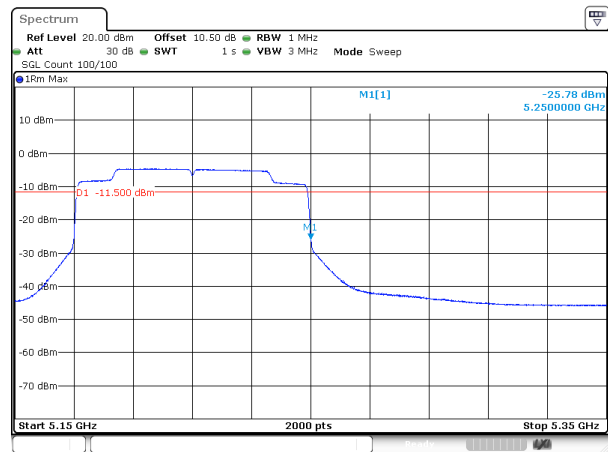
ProjectNo.:2501T30351E-RF Tester:Rainbow Zhu
Date: 25.SEP.2025 20:52:25

802.11ax80_5210MHz_RU_FULL_Chain 0



ProjectNo.:2501T30351E-RF Tester:Rainbow Zhu
Date: 25.SEP.2025 17:31:57

802.11ax80_5210MHz_RU_FULL_Chain 1



ProjectNo.:2501T30351E-RF Tester:Rainbow Zhu
Date: 25.SEP.2025 20:54:46

Frequency Stability

Test Information:

Sample No.:	330P-2	Test Date:	2025/09/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rainbow Zhu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.8	Relative Humidity: (%)	53	ATM Pressure: (kPa)	100.1
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Test Data:**Chain0:****5150-5250MHz**

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11a	-20	138	5171.692	5150.0000	5248.446	5250.0000
	20	138	5171.683	5150.0000	5248.563	5250.0000
	50	138	5171.753	5150.0000	5248.416	5250.0000
	-20	120	5171.775	5150.0000	5248.481	5250.0000
	20	120	5171.675	5150.0000	5248.375	5250.0000
	50	120	5171.821	5150.0000	5248.505	5250.0000
	-20	102	5171.822	5150.0000	5248.499	5250.0000
	20	102	5171.852	5150.0000	5248.475	5250.0000
	50	102	5171.760	5150.0000	5248.495	5250.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac20	-20	138	5171.342	5150.0000	5248.996	5250.0000
	20	138	5171.333	5150.0000	5249.026	5250.0000
	50	138	5171.214	5150.0000	5249.073	5250.0000
	-20	120	5171.247	5150.0000	5248.911	5250.0000
	20	120	5171.175	5150.0000	5248.875	5250.0000
	50	120	5171.182	5150.0000	5248.974	5250.0000
	-20	102	5171.303	5150.0000	5249.072	5250.0000
	20	102	5171.352	5150.0000	5249.010	5250.0000
	50	102	5171.270	5150.0000	5248.904	5250.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax20	-20	138	5170.758	5150.0000	5249.642	5250.0000
	20	138	5170.579	5150.0000	5249.648	5250.0000
	50	138	5170.706	5150.0000	5249.590	5250.0000
	-20	120	5170.651	5150.0000	5249.646	5250.0000
	20	120	5170.575	5150.0000	5249.475	5250.0000
	50	120	5170.623	5150.0000	5249.565	5250.0000
	-20	102	5170.683	5150.0000	5249.593	5250.0000
	20	102	5170.716	5150.0000	5249.584	5250.0000
	50	102	5170.682	5150.0000	5249.618	5250.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac40	-20	138	5172.065	5150.0000	5248.152	5250.0000
	20	138	5172.138	5150.0000	5248.280	5250.0000
	50	138	5172.064	5150.0000	5248.182	5250.0000
	-20	120	5172.062	5150.0000	5248.343	5250.0000
	20	120	5171.950	5150.0000	5248.150	5250.0000
	50	120	5172.065	5150.0000	5248.284	5250.0000
	-20	102	5172.057	5150.0000	5248.162	5250.0000
	20	102	5172.033	5150.0000	5248.223	5250.0000
	50	102	5172.145	5150.0000	5248.168	5250.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax40	-20	138	5171.423	5150.0000	5248.930	5250.0000
	20	138	5171.403	5150.0000	5248.830	5250.0000
	50	138	5171.411	5150.0000	5248.916	5250.0000
	-20	120	5171.371	5150.0000	5248.789	5250.0000
	20	120	5171.250	5150.0000	5248.750	5250.0000
	50	120	5171.353	5150.0000	5248.793	5250.0000
	-20	102	5171.295	5150.0000	5248.766	5250.0000
	20	102	5171.251	5150.0000	5248.852	5250.0000
	50	102	5171.253	5150.0000	5248.921	5250.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac80	-20	138	5172.641	5150.0000	5247.753	5250.0000
	20	138	5172.601	5150.0000	5247.724	5250.0000
	50	138	5172.562	5150.0000	5247.715	5250.0000
	-20	120	5172.598	5150.0000	5247.889	5250.0000
	20	120	5172.696	5150.0000	5247.700	5250.0000
	50	120	5172.519	5150.0000	5247.721	5250.0000
	-20	102	5172.604	5150.0000	5247.830	5250.0000
	20	102	5172.682	5150.0000	5247.713	5250.0000
	50	102	5172.551	5150.0000	5247.740	5250.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax80	-20	138	5171.881	5150.0000	5248.318	5250.0000
	20	138	5171.856	5150.0000	5248.482	5250.0000
	50	138	5171.726	5150.0000	5248.386	5250.0000
	-20	120	5171.738	5150.0000	5248.310	5250.0000
	20	120	5171.755	5150.0000	5248.300	5250.0000
	50	120	5171.769	5150.0000	5248.388	5250.0000
	-20	102	5171.768	5150.0000	5248.360	5250.0000
	20	102	5171.890	5150.0000	5248.326	5250.0000
	50	102	5171.845	5150.0000	5248.351	5250.0000

5250-5350MHz

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11a	-20	138	5251.785	5250.0000	5328.446	5350.0000
	20	138	5251.753	5250.0000	5328.488	5350.0000
	50	138	5251.774	5250.0000	5328.400	5350.0000
	-20	120	5251.790	5250.0000	5328.398	5350.0000
	20	120	5251.725	5250.0000	5328.375	5350.0000
	50	120	5251.908	5250.0000	5328.493	5350.0000
	-20	102	5251.817	5250.0000	5328.565	5350.0000
	20	102	5251.729	5250.0000	5328.521	5350.0000
	50	102	5251.854	5250.0000	5328.468	5350.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac20	-20	138	5251.363	5250.0000	5328.884	5350.0000
	20	138	5251.346	5250.0000	5328.953	5350.0000
	50	138	5251.255	5250.0000	5328.882	5350.0000
	-20	120	5251.257	5250.0000	5328.933	5350.0000
	20	120	5251.175	5250.0000	5328.875	5350.0000
	50	120	5251.310	5250.0000	5328.956	5350.0000
	-20	102	5251.189	5250.0000	5328.920	5350.0000
	20	102	5251.288	5250.0000	5328.955	5350.0000
	50	102	5251.219	5250.0000	5329.000	5350.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax20	-20	138	5250.622	5250.0000	5329.479	5350.0000
	20	138	5250.600	5250.0000	5329.576	5350.0000
	50	138	5250.692	5250.0000	5329.462	5350.0000
	-20	120	5250.658	5250.0000	5329.594	5350.0000
	20	120	5250.575	5250.0000	5329.425	5350.0000
	50	120	5250.636	5250.0000	5329.519	5350.0000
	-20	102	5250.669	5250.0000	5329.527	5350.0000
	20	102	5250.766	5250.0000	5329.480	5350.0000
	50	102	5250.700	5250.0000	5329.596	5350.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac40	-20	138	5251.994	5250.0000	5328.087	5350.0000
	20	138	5252.122	5250.0000	5328.100	5350.0000
	50	138	5251.971	5250.0000	5328.216	5350.0000
	-20	120	5252.064	5250.0000	5328.174	5350.0000
	20	120	5251.950	5250.0000	5328.050	5350.0000
	50	120	5252.059	5250.0000	5328.212	5350.0000
	-20	102	5251.964	5250.0000	5328.235	5350.0000
	20	102	5252.117	5250.0000	5328.204	5350.0000
	50	102	5252.015	5250.0000	5328.127	5350.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax40	-20	138	5251.459	5250.0000	5328.922	5350.0000
	20	138	5251.441	5250.0000	5328.917	5350.0000
	50	138	5251.467	5250.0000	5328.953	5350.0000
	-20	120	5251.369	5250.0000	5329.000	5350.0000
	20	120	5251.350	5250.0000	5328.850	5350.0000
	50	120	5251.433	5250.0000	5328.947	5350.0000
	-20	102	5251.495	5250.0000	5329.039	5350.0000
	20	102	5251.438	5250.0000	5328.996	5350.0000
	50	102	5251.523	5250.0000	5328.994	5350.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac80	-20	138	5252.515	5250.0000	5327.877	5350.0000
	20	138	5252.617	5250.0000	5327.782	5350.0000
	50	138	5252.553	5250.0000	5327.705	5350.0000
	-20	120	5252.616	5250.0000	5327.844	5350.0000
	20	120	5252.500	5250.0000	5327.700	5350.0000
	50	120	5252.677	5250.0000	5327.778	5350.0000
	-20	102	5252.604	5250.0000	5327.842	5350.0000
	20	102	5252.585	5250.0000	5327.736	5350.0000
	50	102	5252.671	5250.0000	5327.828	5350.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax80	-20	138	5251.795	5250.0000	5328.533	5350.0000
	20	138	5251.773	5250.0000	5328.547	5350.0000
	50	138	5251.824	5250.0000	5328.623	5350.0000
	-20	120	5251.829	5250.0000	5328.692	5350.0000
	20	120	5251.700	5250.0000	5328.500	5350.0000
	50	120	5251.798	5250.0000	5328.633	5350.0000
	-20	102	5251.851	5250.0000	5328.679	5350.0000
	20	102	5251.849	5250.0000	5328.568	5350.0000
	50	102	5251.807	5250.0000	5328.666	5350.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac160	-20	138	5172.947	5150.0000	5327.937	5350.0000
	20	138	5173.125	5150.0000	5328.150	5350.0000
	50	138	5172.835	5150.0000	5328.089	5350.0000
	-20	120	5172.814	5150.0000	5328.147	5350.0000
	20	120	5173.147	5150.0000	5327.000	5350.0000
	50	120	5173.047	5150.0000	5328.173	5350.0000
	-20	102	5173.068	5150.0000	5328.120	5350.0000
	20	102	5173.114	5150.0000	5327.965	5350.0000
	50	102	5173.154	5150.0000	5328.061	5350.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax160	-20	138	5172.914	5150.0000	5327.992	5350.0000
	20	138	5173.136	5150.0000	5328.172	5350.0000
	50	138	5172.814	5150.0000	5328.262	5350.0000
	-20	120	5172.847	5150.0000	5328.100	5350.0000
	20	120	5173.165	5150.0000	5327.400	5350.0000
	50	120	5173.014	5150.0000	5328.145	5350.0000
	-20	102	5173.047	5150.0000	5328.020	5350.0000
	20	102	5173.168	5150.0000	5328.012	5350.0000
	50	102	5173.141	5150.0000	5328.209	5350.0000

5470-5730MHz

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11a	-20	138	5491.736	5470.0000	5728.345	5730.0000
	20	138	5491.715	5470.0000	5728.418	5730.0000
	50	138	5491.741	5470.0000	5728.356	5730.0000
	-20	120	5491.764	5470.0000	5728.515	5730.0000
	20	120	5491.675	5470.0000	5728.325	5730.0000
	50	120	5491.679	5470.0000	5728.459	5730.0000
	-20	102	5491.755	5470.0000	5728.425	5730.0000
	20	102	5491.739	5470.0000	5728.517	5730.0000
	50	102	5491.759	5470.0000	5728.360	5730.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac20	-20	138	5491.243	5470.0000	5728.952	5730.0000
	20	138	5491.136	5470.0000	5728.967	5730.0000
	50	138	5491.205	5470.0000	5729.058	5730.0000
	-20	120	5491.272	5470.0000	5729.059	5730.0000
	20	120	5491.075	5470.0000	5728.925	5730.0000
	50	120	5491.087	5470.0000	5729.003	5730.0000
	-20	102	5491.087	5470.0000	5729.031	5730.0000
	20	102	5491.127	5470.0000	5729.039	5730.0000
	50	102	5491.130	5470.0000	5729.059	5730.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax20	-20	138	5490.698	5470.0000	5729.619	5730.0000
	20	138	5490.688	5470.0000	5729.520	5730.0000
	50	138	5490.576	5470.0000	5729.457	5730.0000
	-20	120	5490.647	5470.0000	5729.615	5730.0000
	20	120	5490.575	5470.0000	5729.420	5730.0000
	50	120	5490.705	5470.0000	5729.598	5730.0000
	-20	102	5490.582	5470.0000	5729.546	5730.0000
	20	102	5490.623	5470.0000	5729.534	5730.0000
	50	102	5490.749	5470.0000	5729.615	5730.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac40	-20	138	5492.054	5470.0000	5728.201	5730.0000
	20	138	5491.957	5470.0000	5728.114	5730.0000
	50	138	5492.011	5470.0000	5728.106	5730.0000
	-20	120	5492.089	5470.0000	5728.136	5730.0000
	20	120	5491.950	5470.0000	5728.050	5730.0000
	50	120	5492.032	5470.0000	5728.079	5730.0000
	-20	102	5492.086	5470.0000	5728.142	5730.0000
	20	102	5492.106	5470.0000	5728.235	5730.0000
	50	102	5492.137	5470.0000	5728.217	5730.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax40	-20	138	5491.261	5470.0000	5728.856	5730.0000
	20	138	5491.284	5470.0000	5728.828	5730.0000
	50	138	5491.343	5470.0000	5728.925	5730.0000
	-20	120	5491.282	5470.0000	5728.858	5730.0000
	20	120	5491.250	5470.0000	5728.750	5730.0000
	50	120	5491.331	5470.0000	5728.828	5730.0000
	-20	102	5491.290	5470.0000	5728.871	5730.0000
	20	102	5491.410	5470.0000	5728.829	5730.0000
	50	102	5491.332	5470.0000	5728.827	5730.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac80	-20	138	5492.595	5470.0000	5727.746	5730.0000
	20	138	5492.675	5470.0000	5727.829	5730.0000
	50	138	5492.571	5470.0000	5727.766	5730.0000
	-20	120	5492.628	5470.0000	5727.859	5730.0000
	20	120	5492.500	5535.1200	5727.700	5730.0000
	50	120	5492.693	5470.0000	5727.796	5730.0000
	-20	102	5492.570	5470.0000	5727.709	5730.0000
	20	102	5492.606	5470.0000	5727.892	5730.0000
	50	102	5492.635	5470.0000	5727.715	5730.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax80	-20	138	5491.899	5470.0000	5728.646	5730.0000
	20	138	5491.872	5470.0000	5728.559	5730.0000
	50	138	5491.727	5470.0000	5728.519	5730.0000
	-20	120	5491.822	5470.0000	5728.540	5730.0000
	20	120	5491.700	5535.1200	5728.500	5730.0000
	50	120	5491.835	5470.0000	5728.582	5730.0000
	-20	102	5491.772	5470.0000	5728.614	5730.0000
	20	102	5491.719	5470.0000	5728.604	5730.0000
	50	102	5491.756	5470.0000	5728.527	5730.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac160	-20	138	5492.466	5470.0000	5646.958	5730.0000
	20	138	5492.419	5470.0000	5647.165	5730.0000
	50	138	5492.633	5470.0000	5646.814	5730.0000
	-20	120	5492.605	5470.0000	5646.825	5730.0000
	20	120	5492.300	5535.1200	5647.065	5730.0000
	50	120	5492.474	5470.0000	5647.047	5730.0000
	-20	102	5492.616	5470.0000	5646.868	5730.0000
	20	102	5492.488	5470.0000	5646.965	5730.0000
	50	102	5492.568	5470.0000	5646.914	5730.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax160	-20	138	5492.389	5470.0000	5646.947	5730.0000
	20	138	5492.509	5470.0000	5647.165	5730.0000
	50	138	5492.575	5470.0000	5646.814	5730.0000
	-20	120	5492.609	5470.0000	5646.847	5730.0000
	20	120	5492.600	5535.1200	5647.058	5730.0000
	50	120	5492.540	5470.0000	5647.014	5730.0000
	-20	102	5492.686	5470.0000	5646.868	5730.0000
	20	102	5492.491	5470.0000	5646.968	5730.0000
	50	102	5492.557	5470.0000	5646.914	5730.0000

5730-5850MHz

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11a	-20	138	5736.684	5725.0000	5833.378	5850.0000
	20	138	5736.824	5725.0000	5833.384	5850.0000
	50	138	5736.833	5725.0000	5833.492	5850.0000
	-20	120	5736.843	5725.0000	5833.421	5850.0000
	20	120	5736.675	5725.0000	5833.325	5850.0000
	50	120	5736.841	5725.0000	5833.340	5850.0000
	-20	102	5736.799	5725.0000	5833.340	5850.0000
	20	102	5736.705	5725.0000	5833.402	5850.0000
	50	102	5736.870	5725.0000	5833.402	5850.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac20	-20	138	5736.262	5725.0000	5833.968	5850.0000
	20	138	5736.304	5725.0000	5834.034	5850.0000
	50	138	5736.300	5725.0000	5834.024	5850.0000
	-20	120	5736.290	5725.0000	5834.030	5850.0000
	20	120	5736.125	5725.0000	5833.875	5850.0000
	50	120	5736.150	5725.0000	5833.906	5850.0000
	-20	102	5736.257	5725.0000	5834.071	5850.0000
	20	102	5736.183	5725.0000	5833.950	5850.0000
	50	102	5736.297	5725.0000	5834.013	5850.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax20	-20	138	5735.695	5725.0000	5834.551	5850.0000
	20	138	5735.632	5725.0000	5834.504	5850.0000
	50	138	5735.592	5725.0000	5834.615	5850.0000
	-20	120	5735.671	5725.0000	5834.668	5850.0000
	20	120	5735.525	5725.0000	5834.475	5850.0000
	50	120	5735.705	5725.0000	5834.608	5850.0000
	-20	102	5735.588	5725.0000	5834.666	5850.0000
	20	102	5735.544	5725.0000	5834.520	5850.0000
	50	102	5735.599	5725.0000	5834.522	5850.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac40	-20	138	5736.978	5725.0000	5813.210	5850.0000
	20	138	5737.050	5725.0000	5813.187	5850.0000
	50	138	5737.108	5725.0000	5813.175	5850.0000
	-20	120	5737.023	5725.0000	5813.317	5850.0000
	20	120	5736.950	5725.0000	5813.150	5850.0000
	50	120	5737.050	5725.0000	5813.235	5850.0000
	-20	102	5737.000	5725.0000	5813.322	5850.0000
	20	102	5736.983	5725.0000	5813.248	5850.0000
	50	102	5737.124	5725.0000	5813.339	5850.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax40	-20	138	5736.301	5725.0000	5813.804	5850.0000
	20	138	5736.255	5725.0000	5813.845	5850.0000
	50	138	5736.309	5725.0000	5813.765	5850.0000
	-20	120	5736.424	5725.0000	5813.790	5850.0000
	20	120	5736.250	5725.0000	5813.750	5850.0000
	50	120	5736.352	5725.0000	5813.811	5850.0000
	-20	102	5736.345	5725.0000	5813.824	5850.0000
	20	102	5736.323	5725.0000	5813.789	5850.0000
	50	102	5736.330	5725.0000	5813.790	5850.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac80	-20	138	5737.695	5725.0000	5812.734	5850.0000
	20	138	5737.533	5725.0000	5812.725	5850.0000
	50	138	5737.671	5725.0000	5812.823	5850.0000
	-20	120	5737.548	5725.0000	5812.786	5850.0000
	20	120	5737.500	5725.0000	5812.700	5850.0000
	50	120	5737.623	5725.0000	5812.897	5850.0000
	-20	102	5737.647	5725.0000	5812.764	5850.0000
	20	102	5737.603	5725.0000	5812.883	5850.0000
	50	102	5737.515	5725.0000	5812.712	5850.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax80	-20	138	5736.700	5725.0000	5813.901	5850.0000
	20	138	5736.717	5725.0000	5814.083	5850.0000
	50	138	5736.711	5725.0000	5813.932	5850.0000
	-20	120	5736.806	5725.0000	5813.993	5850.0000
	20	120	5736.700	5725.0000	5813.900	5850.0000
	50	120	5736.856	5725.0000	5813.934	5850.0000
	-20	102	5736.884	5725.0000	5813.923	5850.0000
	20	102	5736.766	5725.0000	5813.920	5850.0000
	50	102	5736.808	5725.0000	5813.932	5850.0000

Chain1:**5150-5250MHz**

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11a	-20	138	5171.838	5150.0000	5248.388	5250.0000
	20	138	5171.822	5150.0000	5248.536	5250.0000
	50	138	5171.864	5150.0000	5248.531	5250.0000
	-20	120	5171.821	5150.0000	5248.543	5250.0000
	20	120	5171.675	5150.0000	5248.375	5250.0000
	50	120	5171.700	5150.0000	5248.447	5250.0000
	-20	102	5171.858	5150.0000	5248.384	5250.0000
	20	102	5171.710	5150.0000	5248.484	5250.0000
	50	102	5171.686	5150.0000	5248.481	5250.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac20	-20	138	5171.341	5150.0000	5249.000	5250.0000
	20	138	5171.335	5150.0000	5249.058	5250.0000
	50	138	5171.216	5150.0000	5248.949	5250.0000
	-20	120	5171.249	5150.0000	5248.912	5250.0000
	20	120	5171.147	5150.0000	5248.875	5250.0000
	50	120	5171.157	5150.0000	5248.901	5250.0000
	-20	102	5171.368	5150.0000	5248.936	5250.0000
	20	102	5171.336	5150.0000	5249.034	5250.0000
	50	102	5171.265	5150.0000	5248.923	5250.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax20	-20	138	5170.724	5150.0000	5249.476	5250.0000
	20	138	5170.674	5150.0000	5249.502	5250.0000
	50	138	5170.732	5150.0000	5249.568	5250.0000
	-20	120	5170.767	5150.0000	5249.476	5250.0000
	20	120	5170.575	5150.0000	5249.425	5250.0000
	50	120	5170.627	5150.0000	5249.547	5250.0000
	-20	102	5170.616	5150.0000	5249.464	5250.0000
	20	102	5170.657	5150.0000	5249.445	5250.0000
	50	102	5170.729	5150.0000	5249.589	5250.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac40	-20	138	5172.074	5150.0000	5248.212	5250.0000
	20	138	5171.963	5150.0000	5248.165	5250.0000
	50	138	5172.018	5150.0000	5248.066	5250.0000
	-20	120	5172.054	5150.0000	5248.237	5250.0000
	20	120	5171.950	5150.0000	5248.050	5250.0000
	50	120	5172.053	5150.0000	5248.249	5250.0000
	-20	102	5172.054	5150.0000	5248.086	5250.0000
	20	102	5172.091	5150.0000	5248.192	5250.0000
	50	102	5172.072	5150.0000	5248.076	5250.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax40	-20	138	5171.331	5150.0000	5248.842	5250.0000
	20	138	5171.259	5150.0000	5248.828	5250.0000
	50	138	5171.299	5150.0000	5248.815	5250.0000
	-20	120	5171.446	5150.0000	5248.807	5250.0000
	20	120	5171.250	5150.0000	5248.750	5250.0000
	50	120	5171.420	5150.0000	5248.795	5250.0000
	-20	102	5171.295	5150.0000	5248.841	5250.0000
	20	102	5171.409	5150.0000	5248.946	5250.0000
	50	102	5171.419	5150.0000	5248.886	5250.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac80	-20	138	5172.687	5150.0000	5247.704	5250.0000
	20	138	5172.618	5150.0000	5247.711	5250.0000
	50	138	5172.557	5150.0000	5247.791	5250.0000
	-20	120	5172.602	5150.0000	5247.851	5250.0000
	20	120	5172.596	5150.0000	5247.700	5250.0000
	50	120	5172.653	5150.0000	5247.882	5250.0000
	-20	102	5172.650	5150.0000	5247.826	5250.0000
	20	102	5172.570	5150.0000	5247.736	5250.0000
	50	102	5172.523	5150.0000	5247.837	5250.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax80	-20	138	5171.896	5150.0000	5248.491	5250.0000
	20	138	5171.844	5150.0000	5248.413	5250.0000
	50	138	5171.761	5150.0000	5248.411	5250.0000
	-20	120	5171.721	5150.0000	5248.328	5250.0000
	20	120	5171.866	5150.0000	5248.300	5250.0000
	50	120	5171.802	5150.0000	5248.495	5250.0000
	-20	102	5171.801	5150.0000	5248.493	5250.0000
	20	102	5171.897	5150.0000	5248.480	5250.0000
	50	102	5171.859	5150.0000	5248.431	5250.0000

5250-5350MHz

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11a	-20	138	5251.861	5250.0000	5328.348	5350.0000
	20	138	5251.776	5250.0000	5328.513	5350.0000
	50	138	5251.761	5250.0000	5328.481	5350.0000
	-20	120	5251.840	5250.0000	5328.422	5350.0000
	20	120	5251.725	5250.0000	5328.325	5350.0000
	50	120	5251.909	5250.0000	5328.440	5350.0000
	-20	102	5251.731	5250.0000	5328.498	5350.0000
	20	102	5251.886	5250.0000	5328.338	5350.0000
	50	102	5251.754	5250.0000	5328.495	5350.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac20	-20	138	5251.201	5250.0000	5329.021	5350.0000
	20	138	5251.225	5250.0000	5329.066	5350.0000
	50	138	5251.213	5250.0000	5329.017	5350.0000
	-20	120	5251.259	5250.0000	5328.915	5350.0000
	20	120	5251.125	5250.0000	5328.875	5350.0000
	50	120	5251.246	5250.0000	5328.950	5350.0000
	-20	102	5251.211	5250.0000	5329.038	5350.0000
	20	102	5251.249	5250.0000	5328.884	5350.0000
	50	102	5251.183	5250.0000	5328.933	5350.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax20	-20	138	5250.690	5250.0000	5329.652	5350.0000
	20	138	5250.656	5250.0000	5329.615	5350.0000
	50	138	5250.764	5250.0000	5329.503	5350.0000
	-20	120	5250.709	5250.0000	5329.582	5350.0000
	20	120	5250.575	5250.0000	5329.475	5350.0000
	50	120	5250.670	5250.0000	5329.617	5350.0000
	-20	102	5250.597	5250.0000	5329.516	5350.0000
	20	102	5250.611	5250.0000	5329.528	5350.0000
	50	102	5250.689	5250.0000	5329.619	5350.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac40	-20	138	5252.099	5250.0000	5328.155	5350.0000
	20	138	5251.973	5250.0000	5328.323	5350.0000
	50	138	5252.027	5250.0000	5328.302	5350.0000
	-20	120	5252.101	5250.0000	5328.217	5350.0000
	20	120	5251.950	5250.0000	5328.150	5350.0000
	50	120	5251.977	5250.0000	5328.170	5350.0000
	-20	102	5252.035	5250.0000	5328.206	5350.0000
	20	102	5252.113	5250.0000	5328.236	5350.0000
	50	102	5252.146	5250.0000	5328.217	5350.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax40	-20	138	5251.415	5250.0000	5329.048	5350.0000
	20	138	5251.358	5250.0000	5328.992	5350.0000
	50	138	5251.329	5250.0000	5329.038	5350.0000
	-20	120	5251.419	5250.0000	5328.864	5350.0000
	20	120	5251.250	5250.0000	5328.850	5350.0000
	50	120	5251.279	5250.0000	5328.860	5350.0000
	-20	102	5251.323	5250.0000	5328.915	5350.0000
	20	102	5251.276	5250.0000	5328.865	5350.0000
	50	102	5251.297	5250.0000	5328.998	5350.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac80	-20	138	5252.739	5250.0000	5327.712	5350.0000
	20	138	5252.819	5250.0000	5327.756	5350.0000
	50	138	5252.870	5250.0000	5327.889	5350.0000
	-20	120	5252.731	5250.0000	5327.714	5350.0000
	20	120	5252.700	5250.0000	5327.700	5350.0000
	50	120	5252.883	5250.0000	5327.768	5350.0000
	-20	102	5252.857	5250.0000	5327.769	5350.0000
	20	102	5252.839	5250.0000	5327.805	5350.0000
	50	102	5252.896	5250.0000	5327.780	5350.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax80	-20	138	5251.750	5250.0000	5328.596	5350.0000
	20	138	5251.814	5250.0000	5328.624	5350.0000
	50	138	5251.815	5250.0000	5328.533	5350.0000
	-20	120	5251.734	5250.0000	5328.656	5350.0000
	20	120	5251.700	5250.0000	5328.500	5350.0000
	50	120	5251.820	5250.0000	5328.671	5350.0000
	-20	102	5251.717	5250.0000	5328.697	5350.0000
	20	102	5251.859	5250.0000	5328.653	5350.0000
	50	102	5251.757	5250.0000	5328.589	5350.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac160	-20	138	5172.925	5150.0000	5328.054	5350.0000
	20	138	5173.115	5150.0000	5328.125	5350.0000
	50	138	5172.862	5150.0000	5328.211	5350.0000
	-20	120	5172.847	5150.0000	5327.980	5350.0000
	20	120	5173.165	5150.0000	5326.600	5350.0000
	50	120	5173.058	5150.0000	5328.253	5350.0000
	-20	102	5173.065	5150.0000	5328.039	5350.0000
	20	102	5173.135	5150.0000	5328.017	5350.0000
	50	102	5173.147	5150.0000	5328.148	5350.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax160	-20	138	5172.969	5150.0000	5328.052	5350.0000
	20	138	5173.168	5150.0000	5328.115	5350.0000
	50	138	5172.825	5150.0000	5328.130	5350.0000
	-20	120	5172.864	5150.0000	5328.155	5350.0000
	20	120	5173.586	5150.0000	5327.400	5350.0000
	50	120	5173.054	5150.0000	5328.160	5350.0000
	-20	102	5173.082	5150.0000	5328.080	5350.0000
	20	102	5173.158	5150.0000	5327.963	5350.0000
	50	102	5173.165	5150.0000	5328.121	5350.0000

5470-5730MHz

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11a	-20	138	5491.798	5470.0000	5728.442	5730.0000
	20	138	5491.721	5470.0000	5728.479	5730.0000
	50	138	5491.748	5470.0000	5728.387	5730.0000
	-20	120	5491.676	5470.0000	5728.366	5730.0000
	20	120	5491.675	5470.0000	5728.325	5730.0000
	50	120	5491.828	5470.0000	5728.418	5730.0000
	-20	102	5491.714	5470.0000	5728.364	5730.0000
	20	102	5491.770	5470.0000	5728.494	5730.0000
	50	102	5491.865	5470.0000	5728.521	5730.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac20	-20	138	5491.285	5470.0000	5729.103	5730.0000
	20	138	5491.278	5470.0000	5729.005	5730.0000
	50	138	5491.276	5470.0000	5728.985	5730.0000
	-20	120	5491.346	5470.0000	5728.928	5730.0000
	20	120	5491.175	5470.0000	5728.925	5730.0000
	50	120	5491.352	5470.0000	5729.093	5730.0000
	-20	102	5491.276	5470.0000	5729.040	5730.0000
	20	102	5491.222	5470.0000	5729.033	5730.0000
	50	102	5491.184	5470.0000	5729.044	5730.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax20	-20	138	5490.591	5470.0000	5729.603	5730.0000
	20	138	5490.689	5470.0000	5729.502	5730.0000
	50	138	5490.736	5470.0000	5729.552	5730.0000
	-20	120	5490.641	5470.0000	5729.516	5730.0000
	20	120	5490.575	5470.0000	5729.425	5730.0000
	50	120	5490.661	5470.0000	5729.439	5730.0000
	-20	102	5490.773	5470.0000	5729.573	5730.0000
	20	102	5490.641	5470.0000	5729.496	5730.0000
	50	102	5490.710	5470.0000	5729.491	5730.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac40	-20	138	5491.955	5470.0000	5728.167	5730.0000
	20	138	5491.991	5470.0000	5728.311	5730.0000
	50	138	5492.124	5470.0000	5728.186	5730.0000
	-20	120	5491.969	5470.0000	5728.171	5730.0000
	20	120	5491.950	5470.0000	5728.150	5730.0000
	50	120	5491.988	5470.0000	5728.191	5730.0000
	-20	102	5491.958	5470.0000	5728.348	5730.0000
	20	102	5492.057	5470.0000	5728.234	5730.0000
	50	102	5492.009	5470.0000	5728.315	5730.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax40	-20	138	5491.370	5470.0000	5729.025	5730.0000
	20	138	5491.362	5470.0000	5728.862	5730.0000
	50	138	5491.476	5470.0000	5729.037	5730.0000
	-20	120	5491.408	5470.0000	5728.863	5730.0000
	20	120	5491.350	5470.0000	5728.850	5730.0000
	50	120	5491.443	5470.0000	5729.014	5730.0000
	-20	102	5491.493	5470.0000	5728.928	5730.0000
	20	102	5491.500	5470.0000	5728.934	5730.0000
	50	102	5491.453	5470.0000	5728.936	5730.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac80	-20	138	5492.689	5470.0000	5727.874	5730.0000
	20	138	5492.563	5470.0000	5727.828	5730.0000
	50	138	5492.681	5470.0000	5727.769	5730.0000
	-20	120	5492.606	5470.0000	5727.775	5730.0000
	20	120	5492.500	5535.1200	5727.700	5730.0000
	50	120	5492.580	5470.0000	5727.754	5730.0000
	-20	102	5492.553	5470.0000	5727.860	5730.0000
	20	102	5492.615	5470.0000	5727.836	5730.0000
	50	102	5492.693	5470.0000	5727.784	5730.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax80	-20	138	5491.901	5470.0000	5728.678	5730.0000
	20	138	5491.938	5470.0000	5728.553	5730.0000
	50	138	5491.980	5470.0000	5728.683	5730.0000
	-20	120	5492.027	5470.0000	5728.674	5730.0000
	20	120	5491.900	5535.1200	5728.500	5730.0000
	50	120	5492.024	5470.0000	5728.587	5730.0000
	-20	102	5492.093	5470.0000	5728.643	5730.0000
	20	102	5492.075	5470.0000	5728.649	5730.0000
	50	102	5491.946	5470.0000	5728.512	5730.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac160	-20	138	5492.393	5470.0000	5646.958	5730.0000
	20	138	5492.504	5470.0000	5647.147	5730.0000
	50	138	5492.647	5470.0000	5646.825	5730.0000
	-20	120	5492.634	5470.0000	5646.865	5730.0000
	20	120	5492.300	5535.1200	5647.075	5730.0000
	50	120	5492.584	5470.0000	5647.015	5730.0000
	-20	102	5492.650	5470.0000	5646.862	5730.0000
	20	102	5492.348	5470.0000	5646.958	5730.0000
	50	102	5492.616	5470.0000	5646.947	5730.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax160	-20	138	5492.405	5470.0000	5646.965	5730.0000
	20	138	5492.403	5470.0000	5647.147	5730.0000
	50	138	5492.471	5470.0000	5646.815	5730.0000
	-20	120	5492.570	5470.0000	5646.836	5730.0000
	20	120	5492.600	5535.1200	5647.047	5730.0000
	50	120	5492.548	5470.0000	5647.068	5730.0000
	-20	102	5492.555	5470.0000	5646.858	5730.0000
	20	102	5492.408	5470.0000	5646.969	5730.0000
	50	102	5492.532	5470.0000	5646.962	5730.0000

5730-5850MHz

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11a	-20	138	5736.869	5725.0000	5833.509	5850.0000
	20	138	5736.838	5725.0000	5833.401	5850.0000
	50	138	5736.778	5725.0000	5833.476	5850.0000
	-20	120	5736.850	5725.0000	5833.385	5850.0000
	20	120	5736.675	5725.0000	5833.325	5850.0000
	50	120	5736.793	5725.0000	5833.374	5850.0000
	-20	102	5736.837	5725.0000	5833.428	5850.0000
	20	102	5736.808	5725.0000	5833.396	5850.0000
	50	102	5736.682	5725.0000	5833.363	5850.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac20	-20	138	5736.358	5725.0000	5833.940	5850.0000
	20	138	5736.312	5725.0000	5833.918	5850.0000
	50	138	5736.207	5725.0000	5833.998	5850.0000
	-20	120	5736.308	5725.0000	5833.920	5850.0000
	20	120	5736.175	5725.0000	5833.875	5850.0000
	50	120	5736.295	5725.0000	5833.952	5850.0000
	-20	102	5736.184	5725.0000	5833.943	5850.0000
	20	102	5736.361	5725.0000	5833.918	5850.0000
	50	102	5736.225	5725.0000	5833.919	5850.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax20	-20	138	5735.774	5725.0000	5834.547	5850.0000
	20	138	5735.758	5725.0000	5834.578	5850.0000
	50	138	5735.657	5725.0000	5834.581	5850.0000
	-20	120	5735.663	5725.0000	5834.553	5850.0000
	20	120	5735.575	5725.0000	5834.475	5850.0000
	50	120	5735.688	5725.0000	5834.639	5850.0000
	-20	102	5735.633	5725.0000	5834.640	5850.0000
	20	102	5735.757	5725.0000	5834.617	5850.0000
	50	102	5735.682	5725.0000	5834.581	5850.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac40	-20	138	5737.148	5725.0000	5813.252	5850.0000
	20	138	5736.954	5725.0000	5813.289	5850.0000
	50	138	5737.008	5725.0000	5813.164	5850.0000
	-20	120	5736.999	5725.0000	5813.257	5850.0000
	20	120	5736.950	5725.0000	5813.150	5850.0000
	50	120	5737.009	5725.0000	5813.239	5850.0000
	-20	102	5736.992	5725.0000	5813.162	5850.0000
	20	102	5737.149	5725.0000	5813.156	5850.0000
	50	102	5737.085	5725.0000	5813.153	5850.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax40	-20	138	5736.356	5725.0000	5814.023	5850.0000
	20	138	5736.442	5725.0000	5813.887	5850.0000
	50	138	5736.412	5725.0000	5813.952	5850.0000
	-20	120	5736.421	5725.0000	5813.988	5850.0000
	20	120	5736.350	5725.0000	5813.850	5850.0000
	50	120	5736.433	5725.0000	5814.016	5850.0000
	-20	102	5736.468	5725.0000	5813.972	5850.0000
	20	102	5736.426	5725.0000	5813.953	5850.0000
	50	102	5736.501	5725.0000	5813.951	5850.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ac80	-20	138	5737.521	5725.0000	5812.713	5850.0000
	20	138	5737.562	5725.0000	5812.770	5850.0000
	50	138	5737.679	5725.0000	5812.810	5850.0000
	-20	120	5737.550	5725.0000	5812.728	5850.0000
	20	120	5737.500	5725.0000	5812.700	5850.0000
	50	120	5737.674	5725.0000	5812.755	5850.0000
	-20	102	5737.576	5725.0000	5812.860	5850.0000
	20	102	5737.529	5725.0000	5812.771	5850.0000
	50	102	5737.560	5725.0000	5812.815	5850.0000

Test Channel: Lowest for Lower Edge, Highest for Upper Edge						
Test mode	Temperature (°C)	Voltage (V _{AC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
802.11ax80	-20	138	5736.898	5725.0000	5813.481	5850.0000
	20	138	5736.795	5725.0000	5813.371	5850.0000
	50	138	5736.853	5725.0000	5813.435	5850.0000
	-20	120	5736.835	5725.0000	5813.332	5850.0000
	20	120	5736.700	5725.0000	5813.300	5850.0000
	50	120	5736.829	5725.0000	5813.343	5850.0000
	-20	102	5736.863	5725.0000	5813.414	5850.0000
	20	102	5736.732	5725.0000	5813.492	5850.0000
	50	102	5736.874	5725.0000	5813.337	5850.0000

RF EXPOSURE EVALUATION

MPE-Based Exemption

Applicable Standard

According to subpart 2.1091 systems operating under the provisions of this section shall be operated in a manner that ensures the public is not exposed to RF energy level in excess of the communication guidelines.

According to KDB 447498 D04 v01 Interim General RF Exposure Guidance

MPE-Based Exemption:

General frequency and separation-distance dependent MPE-based effective radiated power(ERP) thresholds are in Table B.1 [Table 1 of § 1.1307(b)(3)(i)(C)] to support an exemption from further evaluation from 300 kHz through 100 GHz.

Table 1 to § 1.1307(b)(3)(i)(C) - Single RF Sources Subject to Routine Environmental Evaluation

RF Source frequency (MHz)	Threshold ERP (watts)
0.3-1.34	$1,920 R^2$.
1.34-30	$3,450 R^2/f^2$.
30-300	$3.83 R^2$.
300-1,500	$0.0128 R^2 f$.
1,500-100,000	$19.2 R^2$.

R is the minimum separation distance in meters

f = frequency in MHz

For multiple RF sources: Multiple RF sources are exempt if:

in the case of fixed RF sources operating in the same time-averaging period, or of multiple mobile or portable RF sources within a device operating in the same time averaging period, if the sum of the fractional contributions to the applicable thresholds is less than or equal to 1 as indicated in the following equation:

$$\sum_{i=1}^a \frac{P_i}{P_{th,i}} + \sum_{j=1}^b \frac{ERP_j}{ERP_{th,j}} + \sum_{k=1}^c \frac{Evaluated_k}{Exposure Limit_k} \leq 1$$

Result

Mode	Frequency (MHz)	Tune up conducted power [#] (dBm)	Antenna Gain [#]		ERP		Evaluation Distance (m)	ERP Limit (mW)
			(dBi)	(dBd)	(dBm)	(mW)		
BT	2402-2480	8.0	3.21	1.06	9.06	8.05	0.2	768
BLE	2402-2480	6.0	3.21	1.06	7.06	5.08	0.2	768
2.4G Wi-Fi	2412-2462	26.0	3.21	1.06	27.06	508.16	0.2	768
5.2G Wi-Fi	5180-5240	18.0	2.33	0.18	18.18	65.77	0.2	768
5.3G Wi-Fi	5260-5320	18.0	3.88	1.73	19.73	93.97	0.2	768
5.6G Wi-Fi	5500-5720	18.0	4.01	1.86	19.86	96.83	0.2	768
5.8G Wi-Fi	5745-5825	21.5	4.35	2.20	23.70	234.42	0.2	768

Note: 1. The tune up conducted power and antenna gain was declared by the applicant.
 2. 0dBd=2.15dBi
 3. The BT, 2.4G and 5G Wi-Fi can transmit at same time.

Simultaneous transmitting consideration (worst case):

The ratio= $ERP_{BT} / \text{limit} + ERP_{2.4G \text{ Wi-Fi}} / \text{limit} + ERP_{5.8G \text{ Wi-Fi}} / \text{limit} = 8.05/768 + 508.16/768 + 234.42/768 = 0.977 < 1.0$

So simultaneous exposure is compliant.

To maintain compliance with the FCC's RF exposure guidelines, place the equipment at least 20cm from nearby persons.

Result: Compliant

Field reference level exposure exemption limits

Applicable Standard

According to RSS-102 Issue 6§6.6:

Field reference level (FRL) exposure evaluation is required if the separation distance between the user and/or bystander and the device's radiating element is greater than 20 cm (i.e. mobile devices), except when the device operates as follows:

- below 20 MHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than 1 W (adjusted for tune-up tolerance)
- at or above 20 MHz and below 48 MHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than $4.49/f^{0.5}$ W (adjusted for tune-up tolerance), where f is in MHz
- at or above 48 MHz and below 300 MHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than 0.6 W (adjusted for tune-up tolerance)
- at or above 300 MHz and below 6 GHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than $1.31 \times 10^{-2} f^{0.6834}$ W (adjusted for tune-up tolerance), where f is in MHz
- at or above 6 GHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than 5 W (adjusted for tune-up tolerance) In these cases, the information contained in the RF exposure technical brief may be limited to information that demonstrates how the EIRP was derived.

Calculated Data:

Mode	Frequency (MHz)	Maximum tune-up conducted power [#] (dBm)	Antenna Gain [#]	Maximum tune-up EIRP		Evaluation Distance (m)	Limit (mW)
			(dBi)	(dBm)	(mW)		
BT	2402-2480	8.0	3.21	11.21	13.21	0.2	2676
BLE	2402-2480	6.0	3.21	9.21	8.34	0.2	2676
2.4G Wi-Fi	2412-2462	26.0	3.21	29.21	833.68	0.2	2684
5.2G Wi-Fi	5180-5240	18.0	2.33	20.33	107.89	0.2	4525
5.3G Wi-Fi	5260-5320	18.0	3.88	21.88	154.17	0.2	4573
5.6G Wi-Fi	5500-5720	18.0	4.01	22.01	158.85	0.2	4714
5.8G Wi-Fi	5745-5825	21.5	4.35	25.85	384.59	0.2	4857

Note: 1. The tune up conducted power[#] and antenna gain[#] was declared by the applicant.

3. The BT, 2.4G and 5G Wi-Fi can transmit at same time.

Simultaneous transmitting consideration (worst case):

The ratio= $EIRP_{BT}/limit + EIRP_{2.4G\ Wi-Fi}/limit + EIRP_{5.8G\ Wi-Fi}/limit = 13.21/2676 + 833.68/2684 + 384.59/4857 = 0.395 < 1.0$

So simultaneous exposure is compliant.

Result: Compliant

Note: To maintain compliance with the RF exposure guidelines, place the equipment at least 20cm from nearby persons.

EUT PHOTOGRAPHS

Please refer to the attachment 2501T30351E-RF External photo and 2501T30351E-RF Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2501T30351E-RF-TSPB Test Setup photo.

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