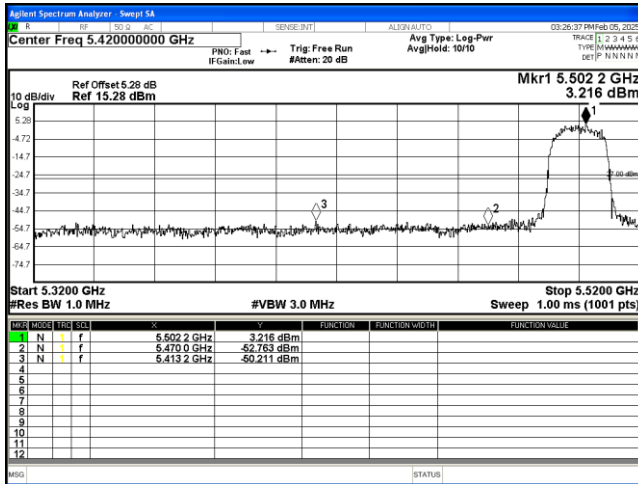
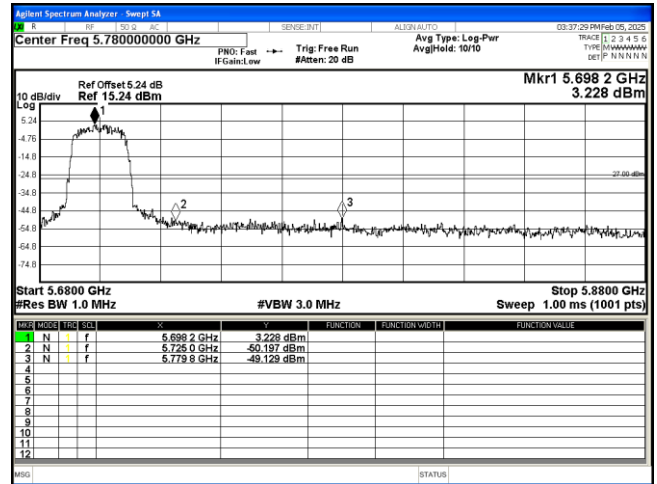
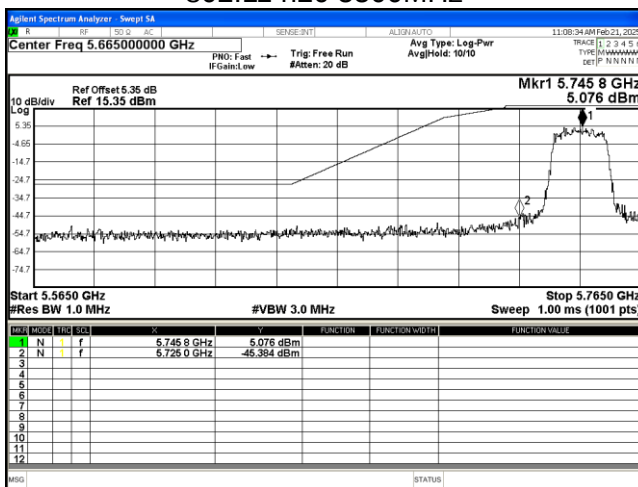




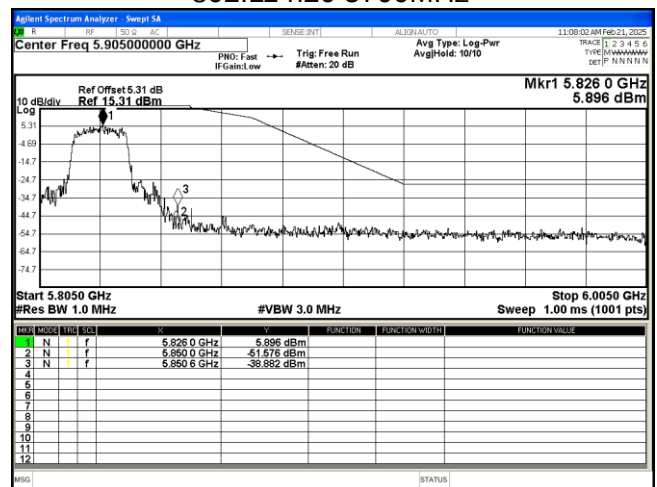
802.11 n20 5500MHz



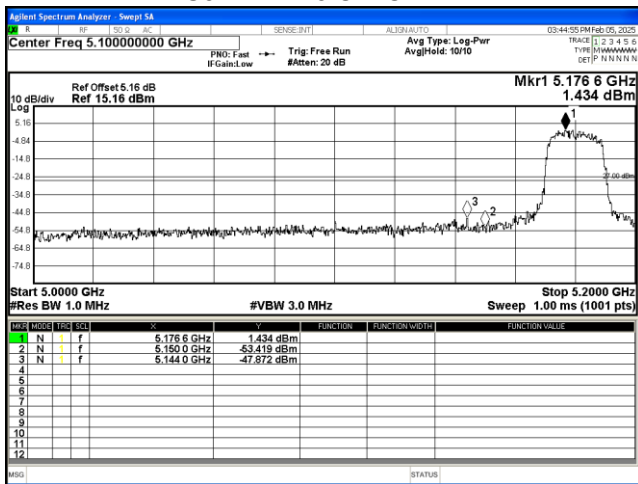
802.11 n20 5700MHz



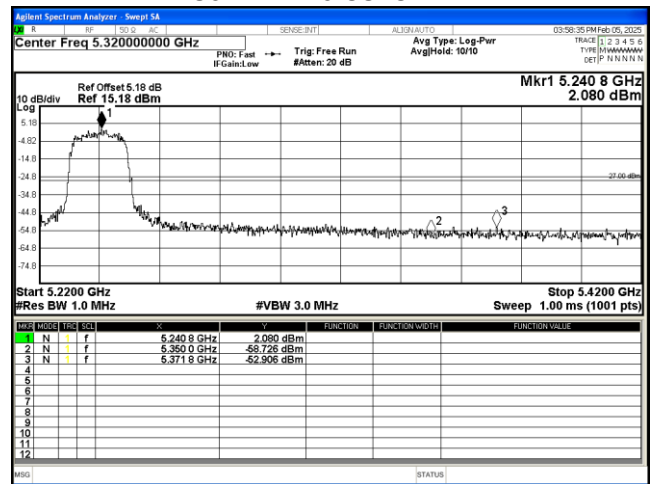
802.11 n20 5745MHz



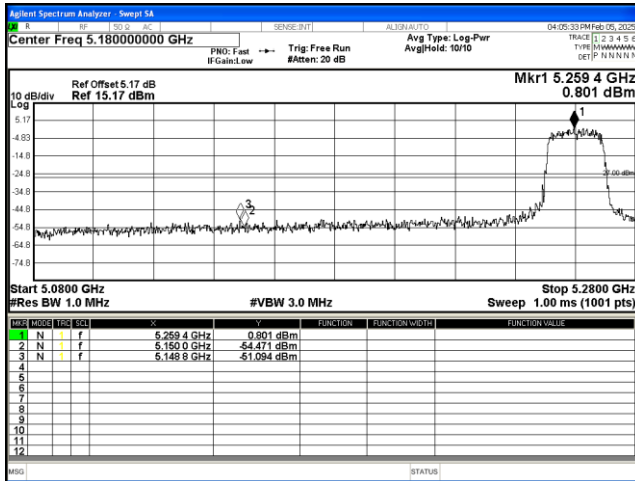
802.11 n20 5825MHz



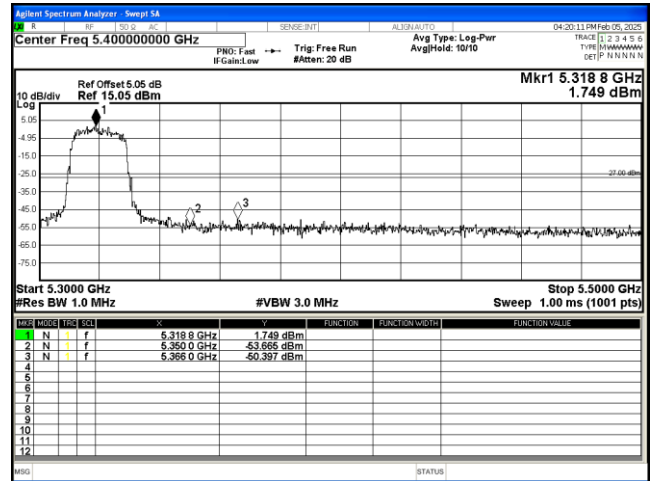
802.11 ac20 5180MHz



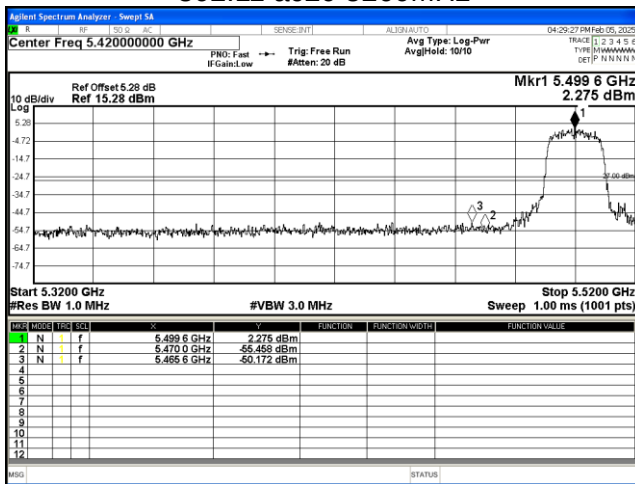
802.11 ac20 5240MHz



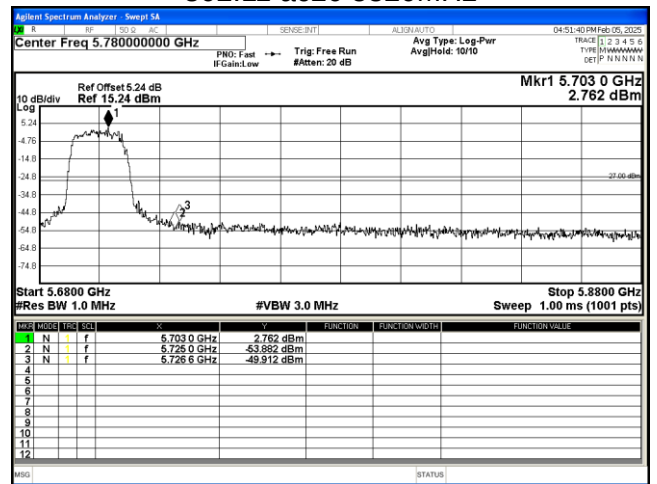
802.11 ac20 5260MHz



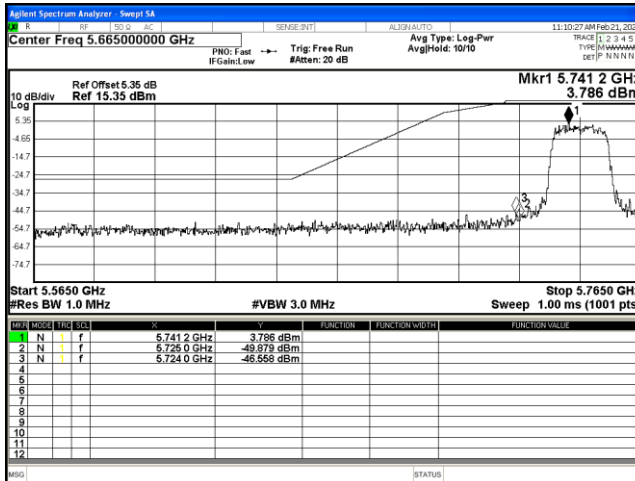
802.11 ac20 5320MHz



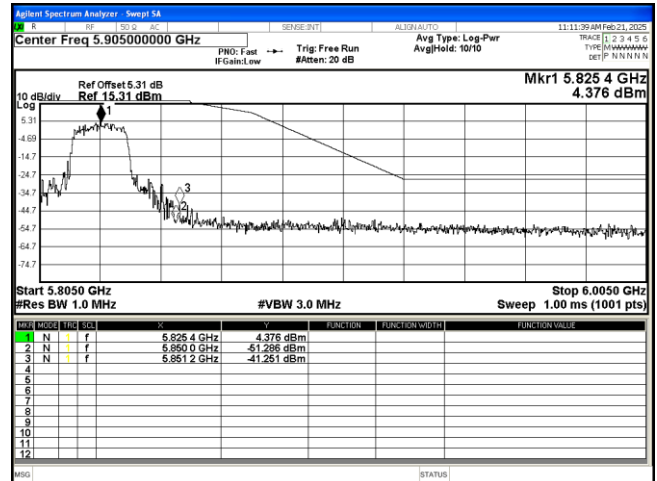
802.11 ac20 5500MHz



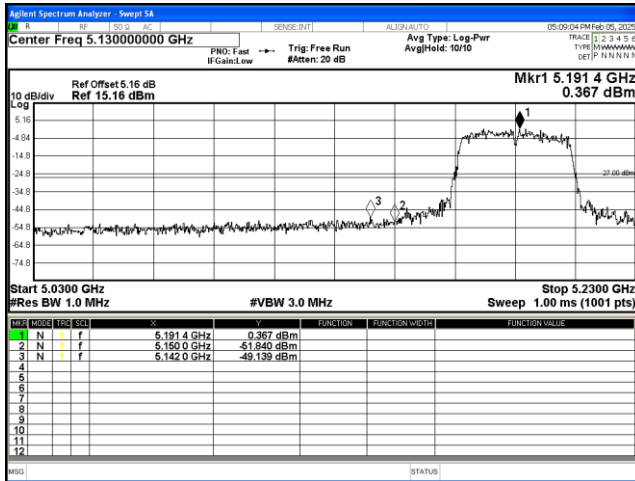
802.11 ac20 5700MHz



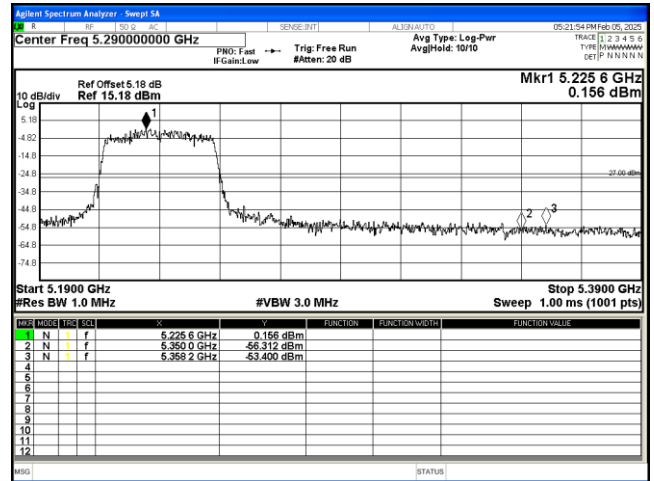
802.11 ac20 5745MHz



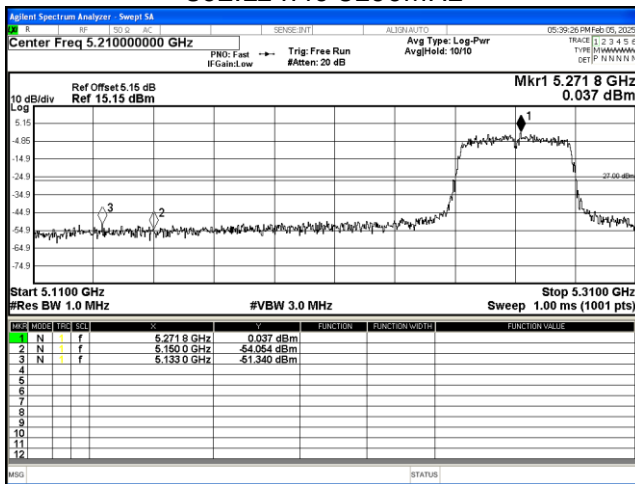
802.11 ac20 5825MHz



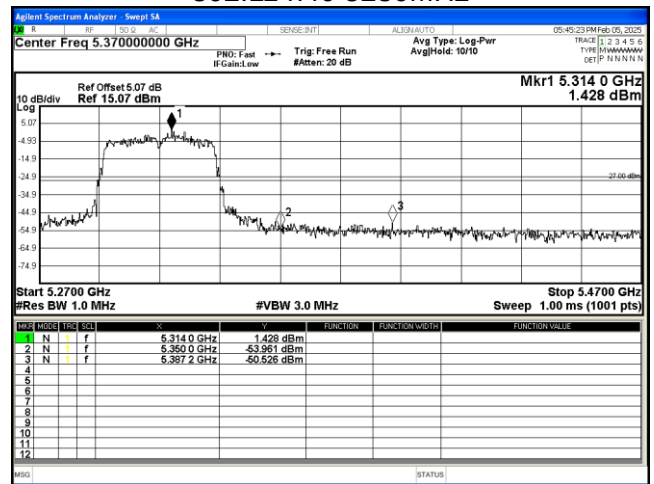
802.11 n40 5190MHz



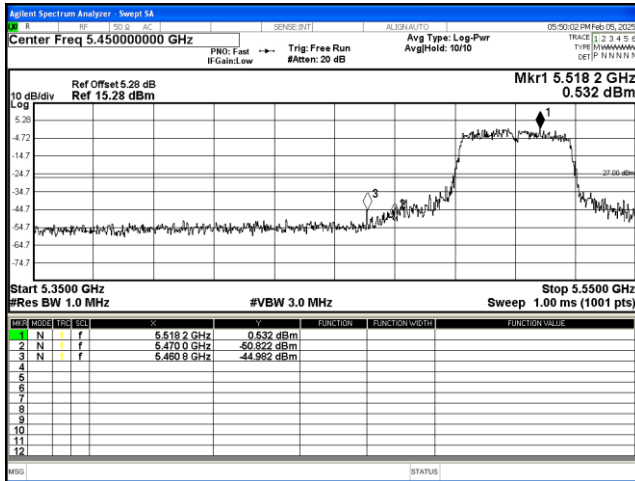
802.11 n40 5230MHz



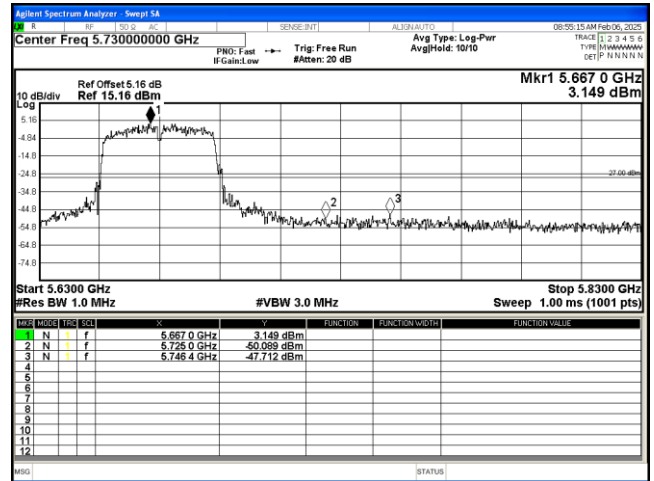
802.11 n40 5270MHz



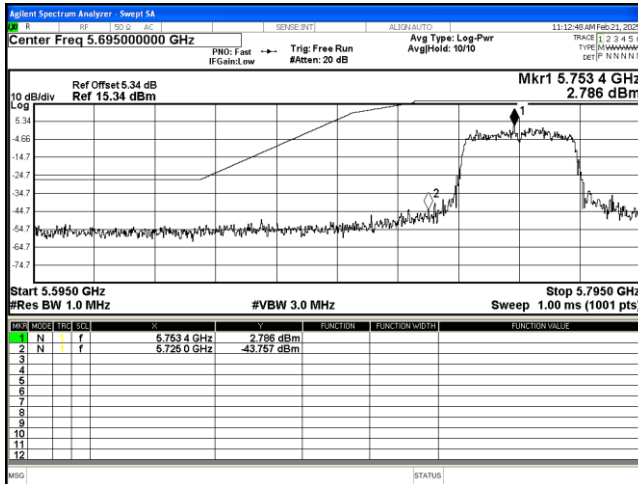
802.11 n40 5310MHz



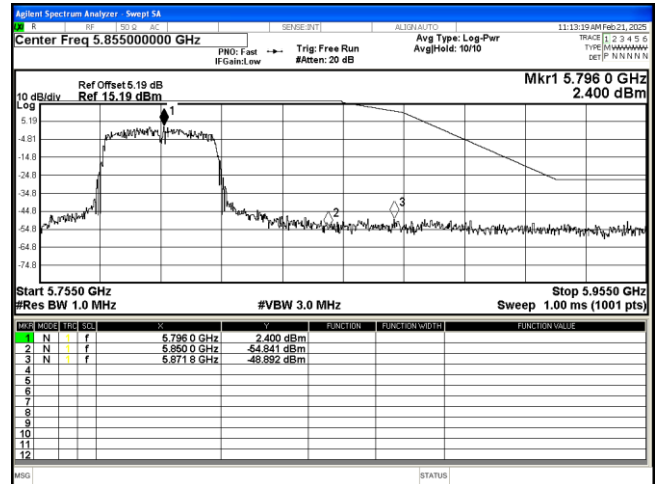
802.11 n40 5510MHz



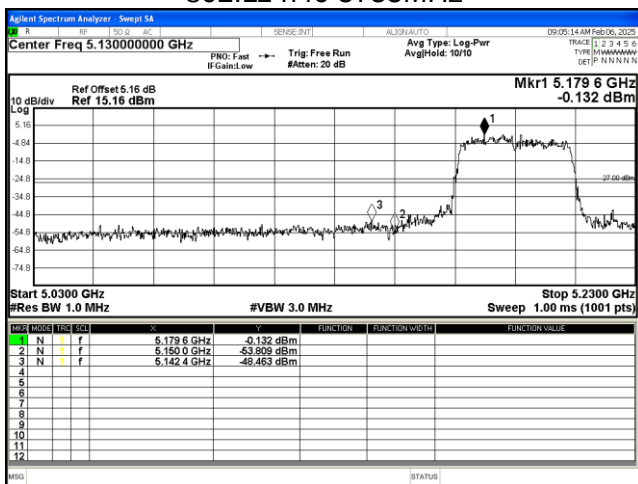
802.11 n40 5670MHz



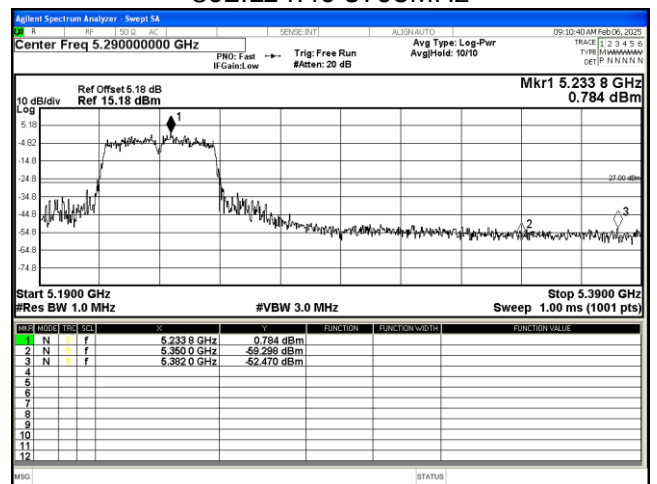
802.11 n40 5755MHz



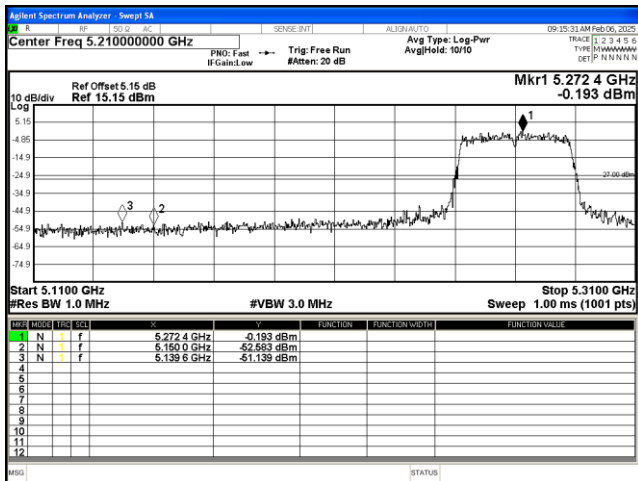
802.11 n40 5795MHz



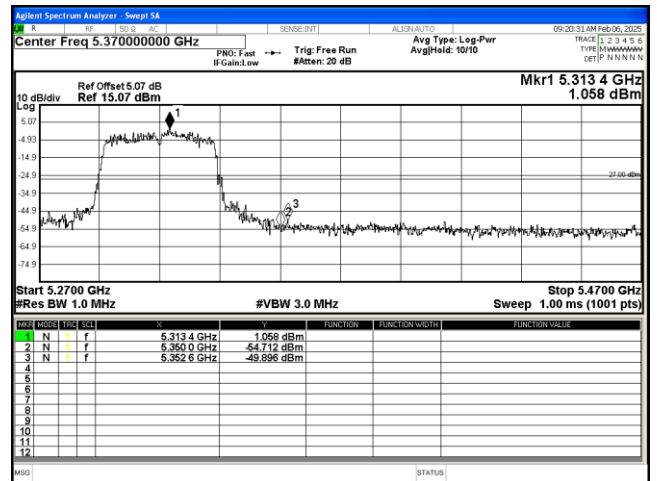
802.11 ac40 5190MHz



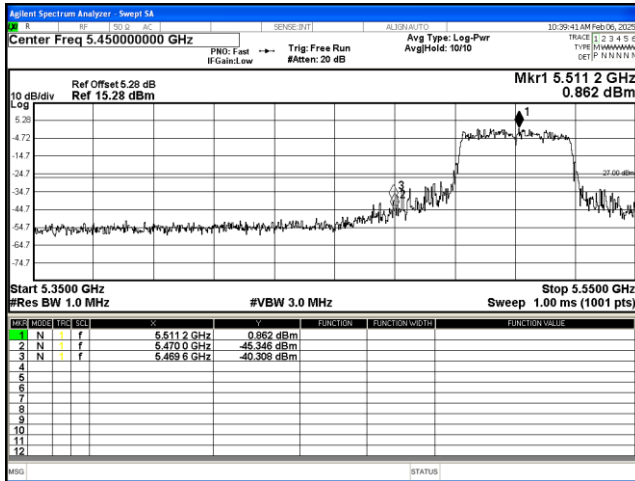
802.11 ac40 5230MHz



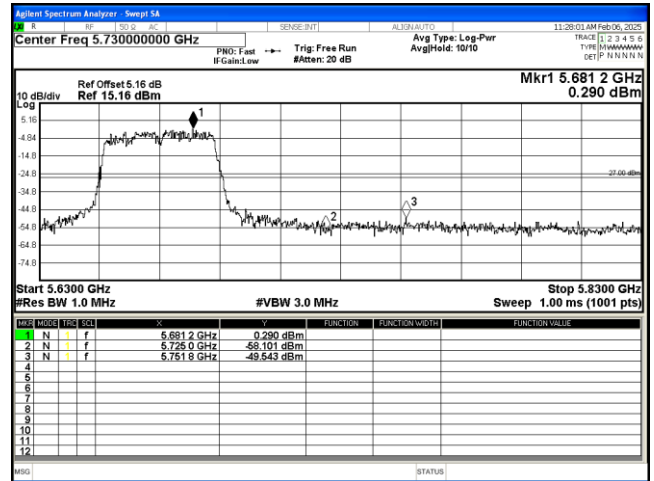
802.11 ac40 5270MHz



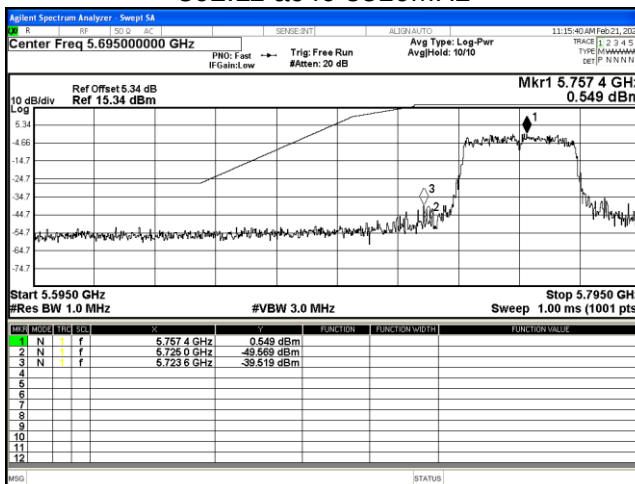
802.11 ac40 5310MHz



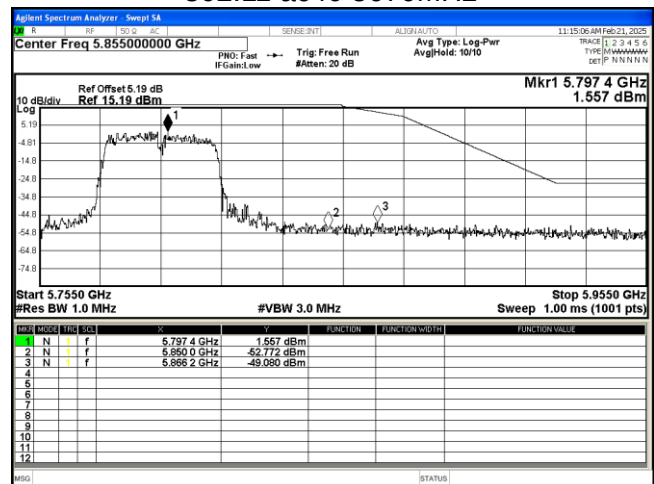
802.11 ac40 5510MHz



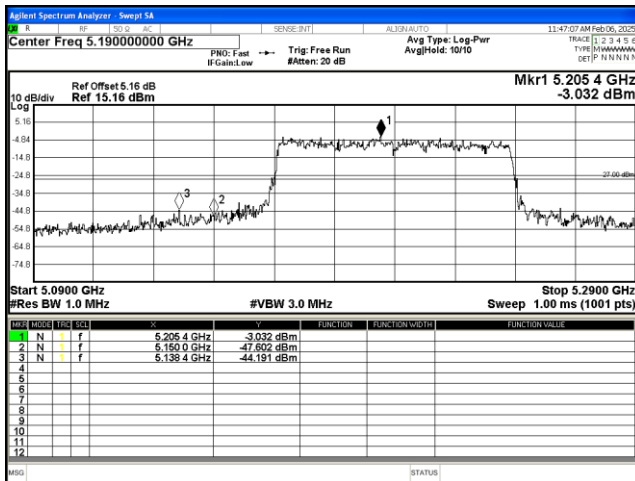
802.11 ac40 5670MHz



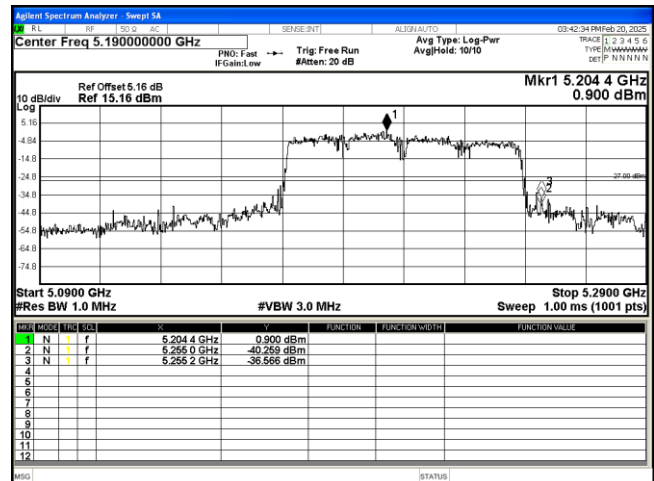
802.11 ac40 5755MHz



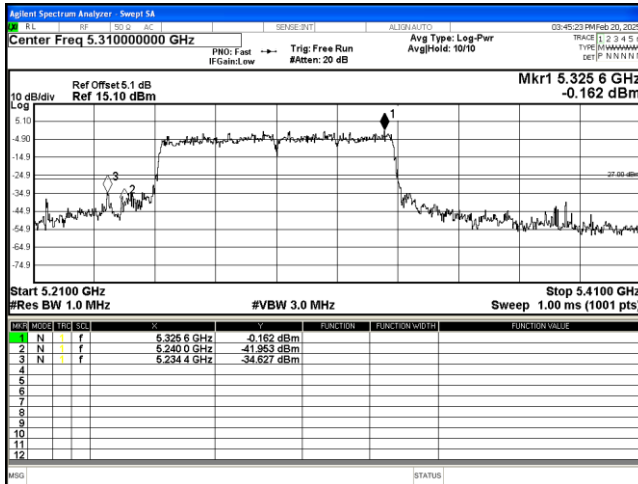
802.11 ac40 5795MHz



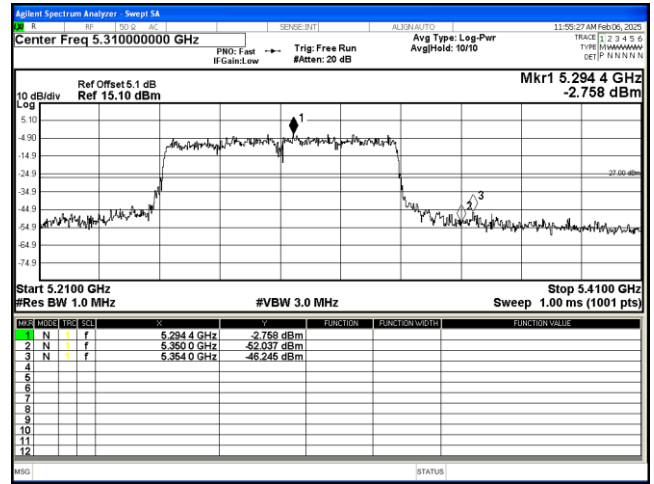
802.11 ac80 5210MHz Left



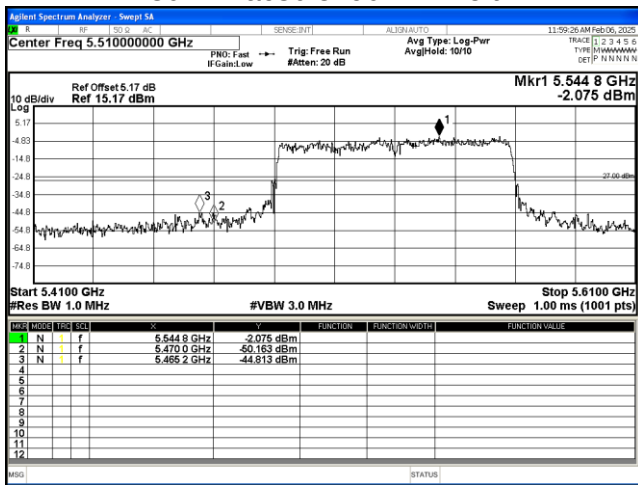
802.11 ac80 5210MHz Right



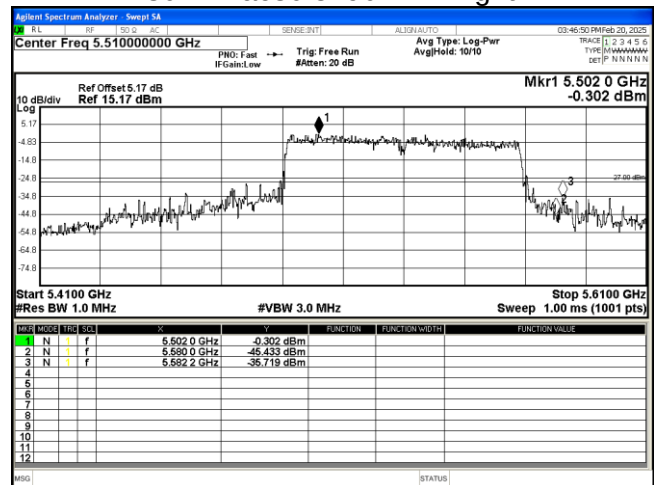
802.11 ac80 5290MHz Left



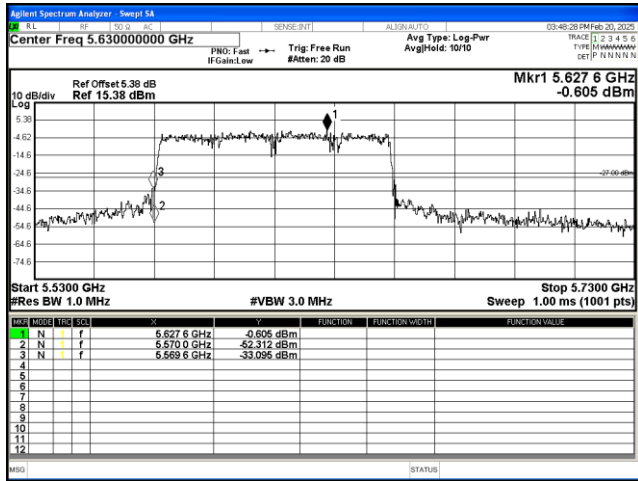
802.11 ac80 5290MHz Right



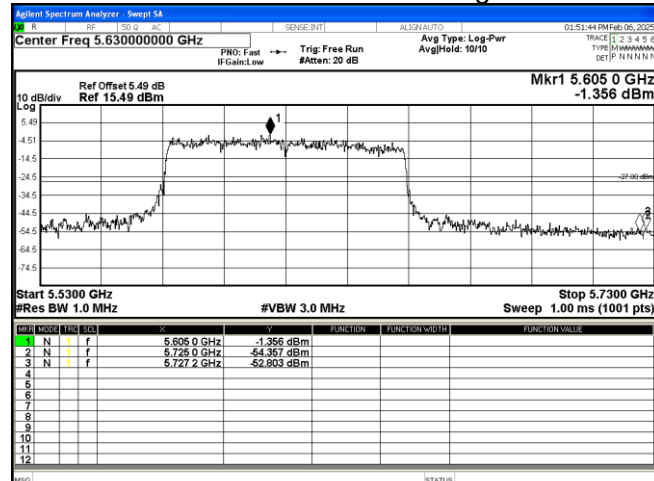
802.11 ac80 5530MHz Left



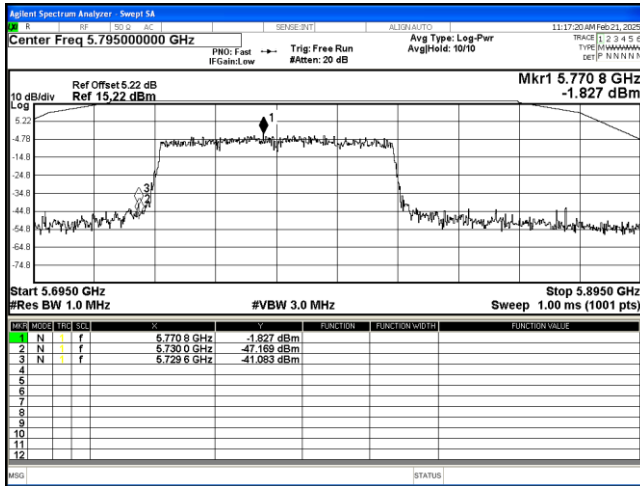
802.11 ac80 5530MHz Right



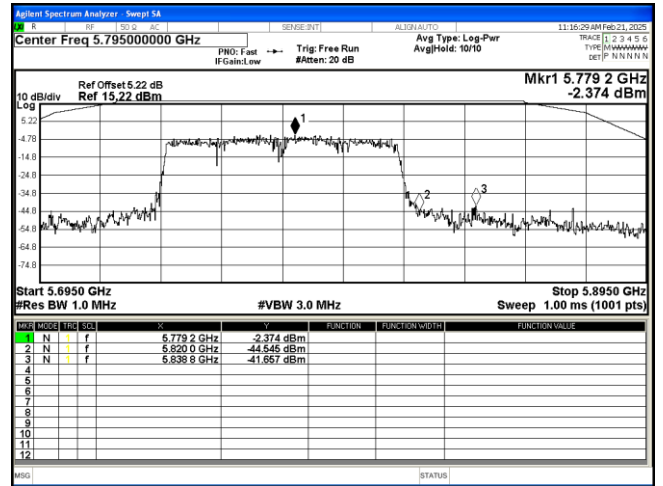
802.11 ac80 5610MHz Left



802.11 ac80 5610MHz Right



802.11 ac80 5775MHz Left



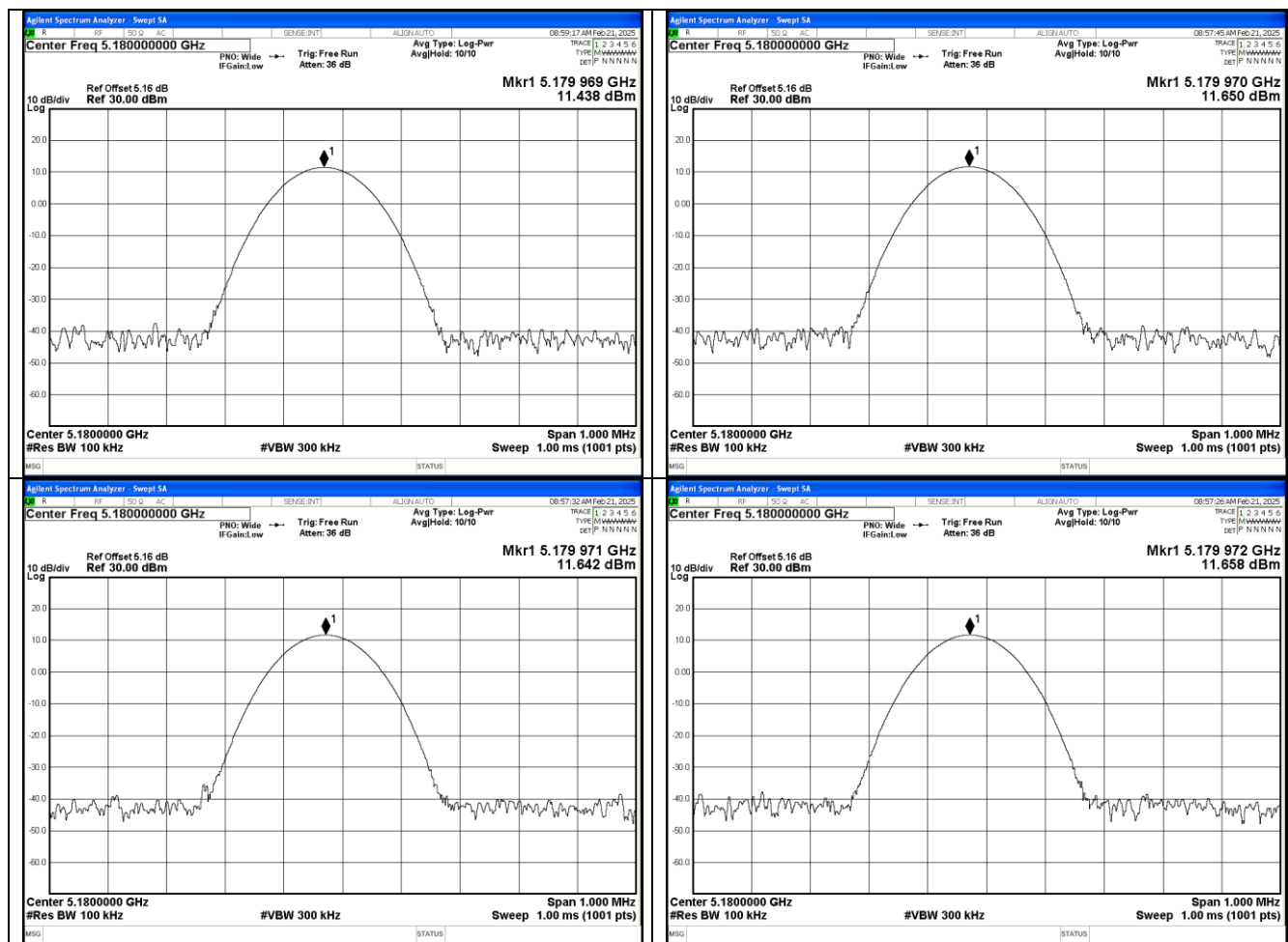
802.11 ac80 5775MHz Right

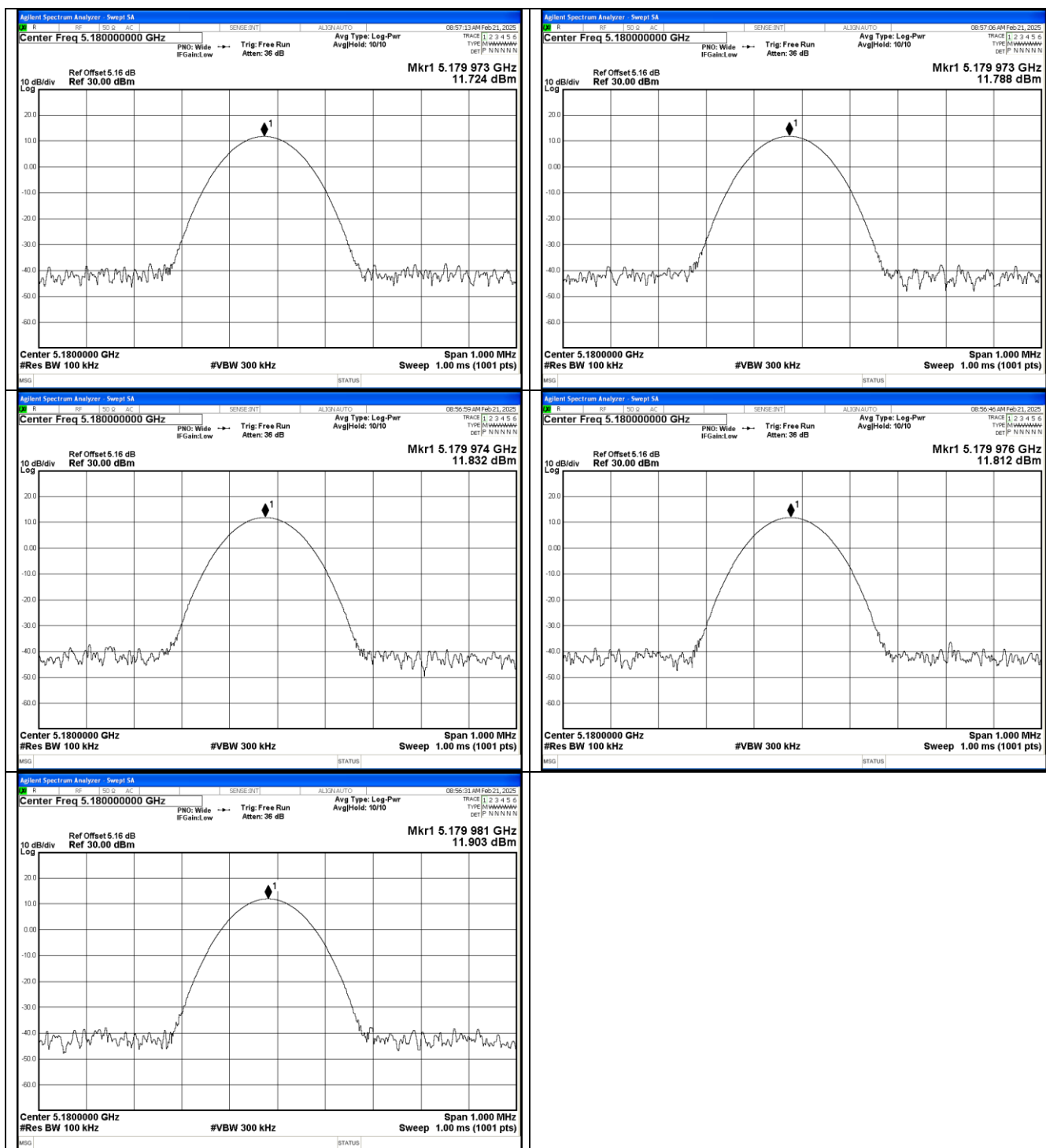
Appendix A.4 Test Results of Frequency Stability

Wi-Fi 802.11ac mode:

Frequency (MHz)	Voltage (V)	Temperature (°C)	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Result
5180	3.30 Vdc	0	5179.969	6.08	25	Pass
		10	5179.97	5.79	25	Pass
		20	5179.971	5.6	25	Pass
		30	5179.972	5.5	25	Pass
		40	5179.973	5.31	25	Pass
		50	5179.973	5.21	25	Pass
		70	5179.974	5.02	25	Pass
	2.81 Vdc	25	5179.976	4.63	25	Pass
	3.80 Vdc	25	5179.981	3.76	25	Pass

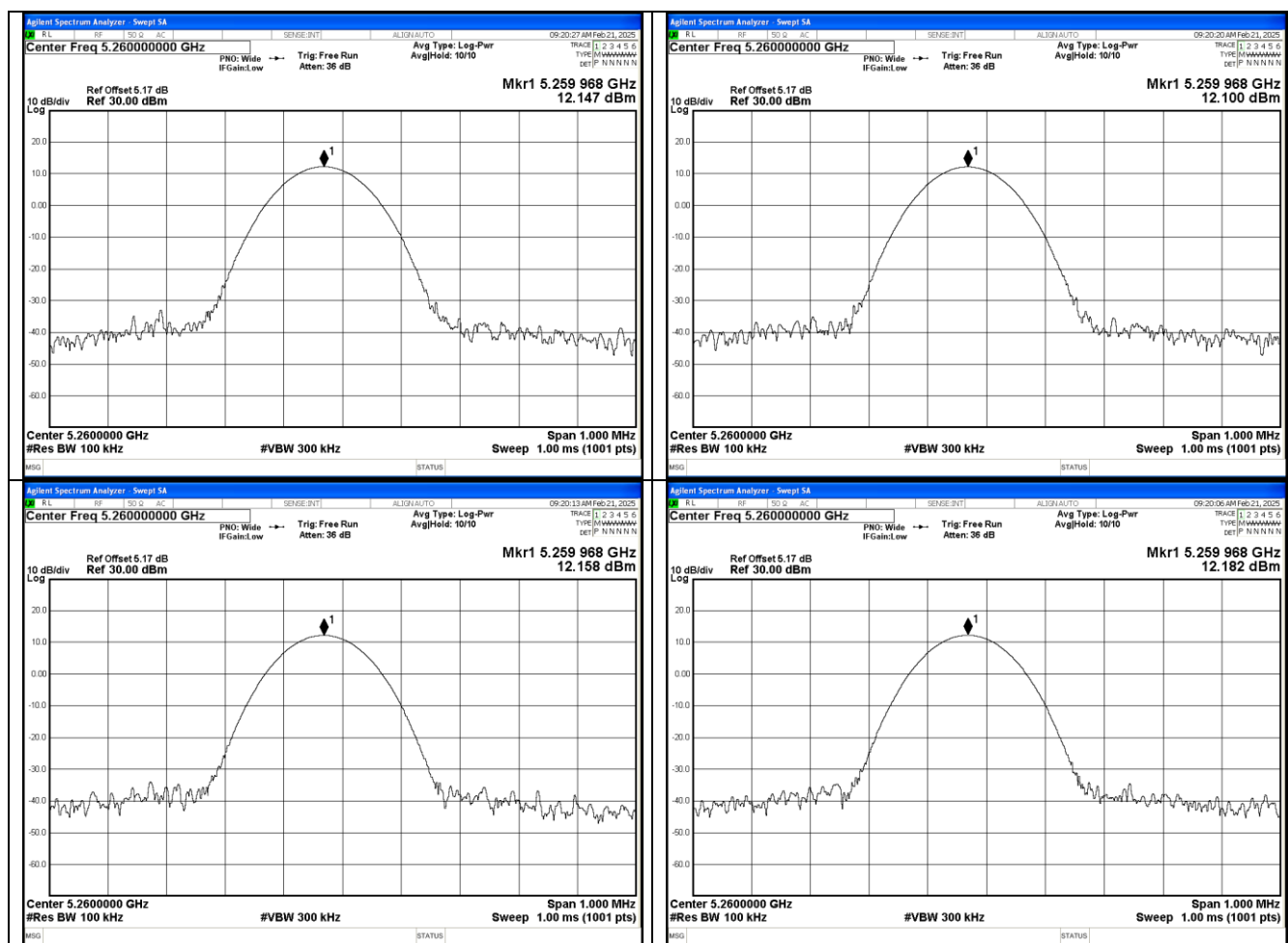
Note: The product has an operating temperature range of 0 to 70°C and is provided by the manufacturer.

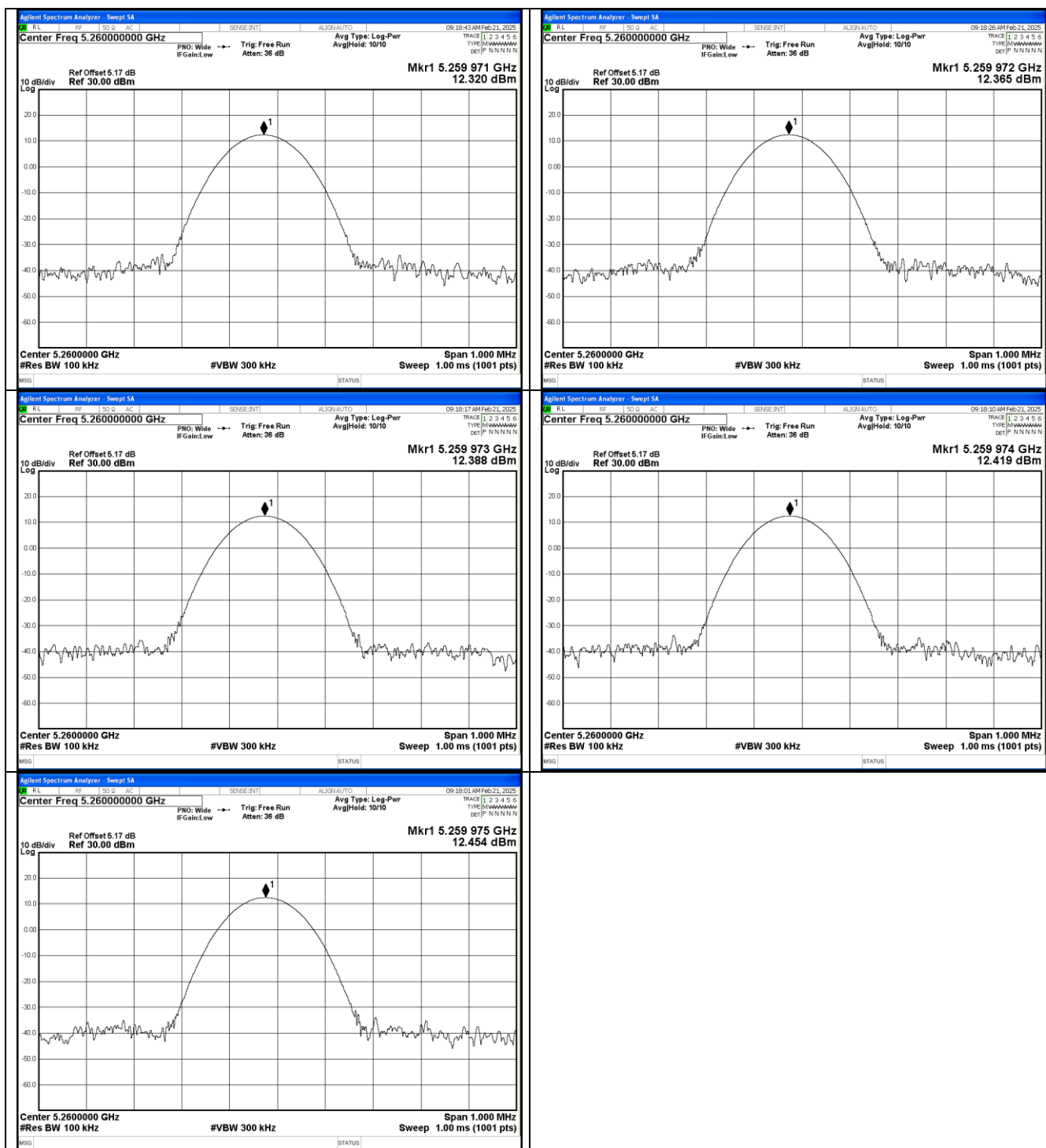




Frequency (MHz)	Voltage (V)	Temperature (°C)	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Result
5260	3.30 Vdc	0	5259.968	6.08	25	Pass
		10	5259.968	6.08	25	Pass
		20	5259.968	6.08	25	Pass
		30	5259.968	6.08	25	Pass
		40	5259.971	5.51	25	Pass
		50	5259.972	5.32	25	Pass
		70	5259.973	5.13	25	Pass
	2.81 Vdc	25	5259.974	4.94	25	Pass
	3.80 Vdc	25	5259.975	4.75	25	Pass

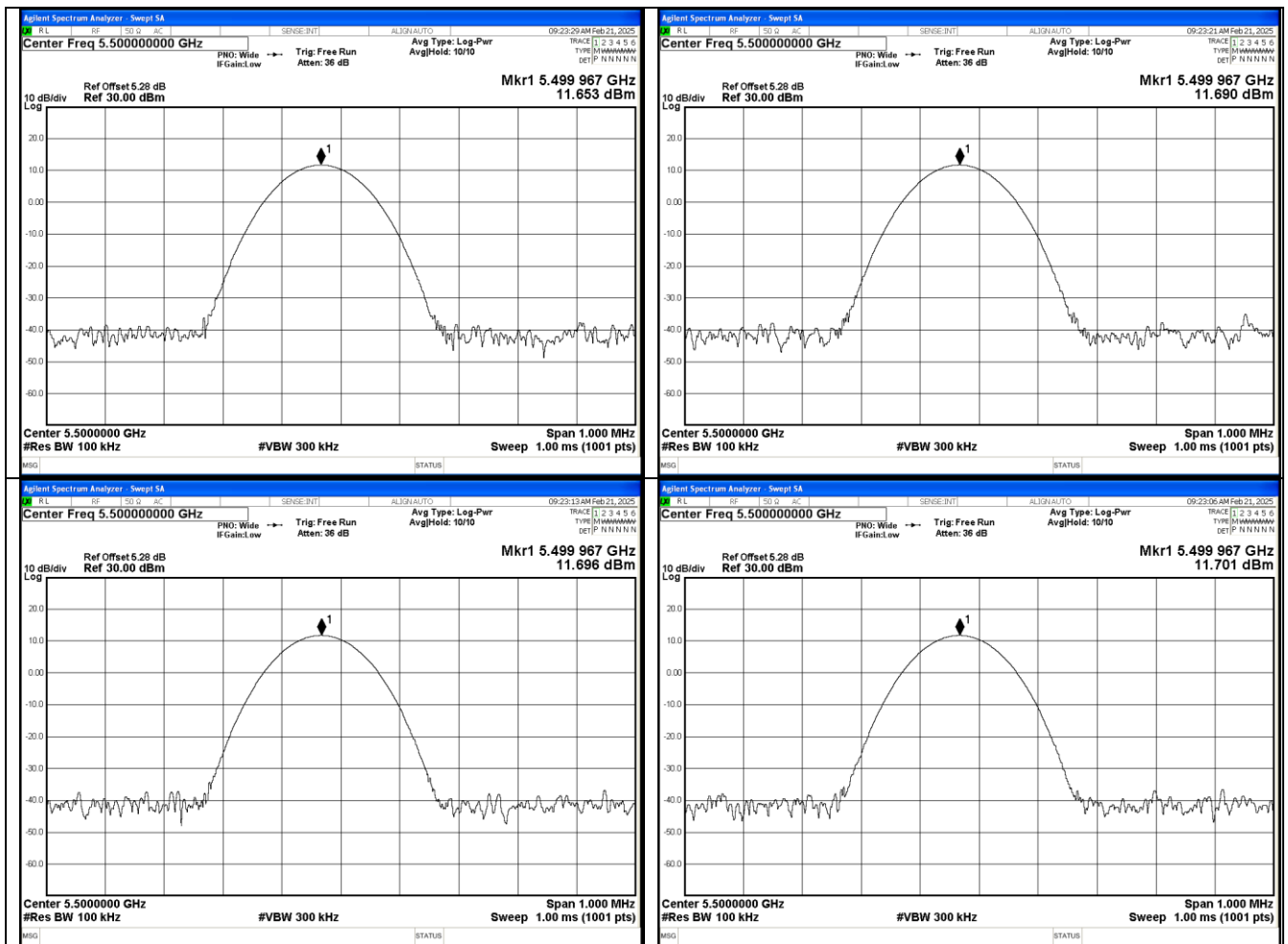
Note: The product has an operating temperature range of 0 to 70°C and is provided by the manufacturer.

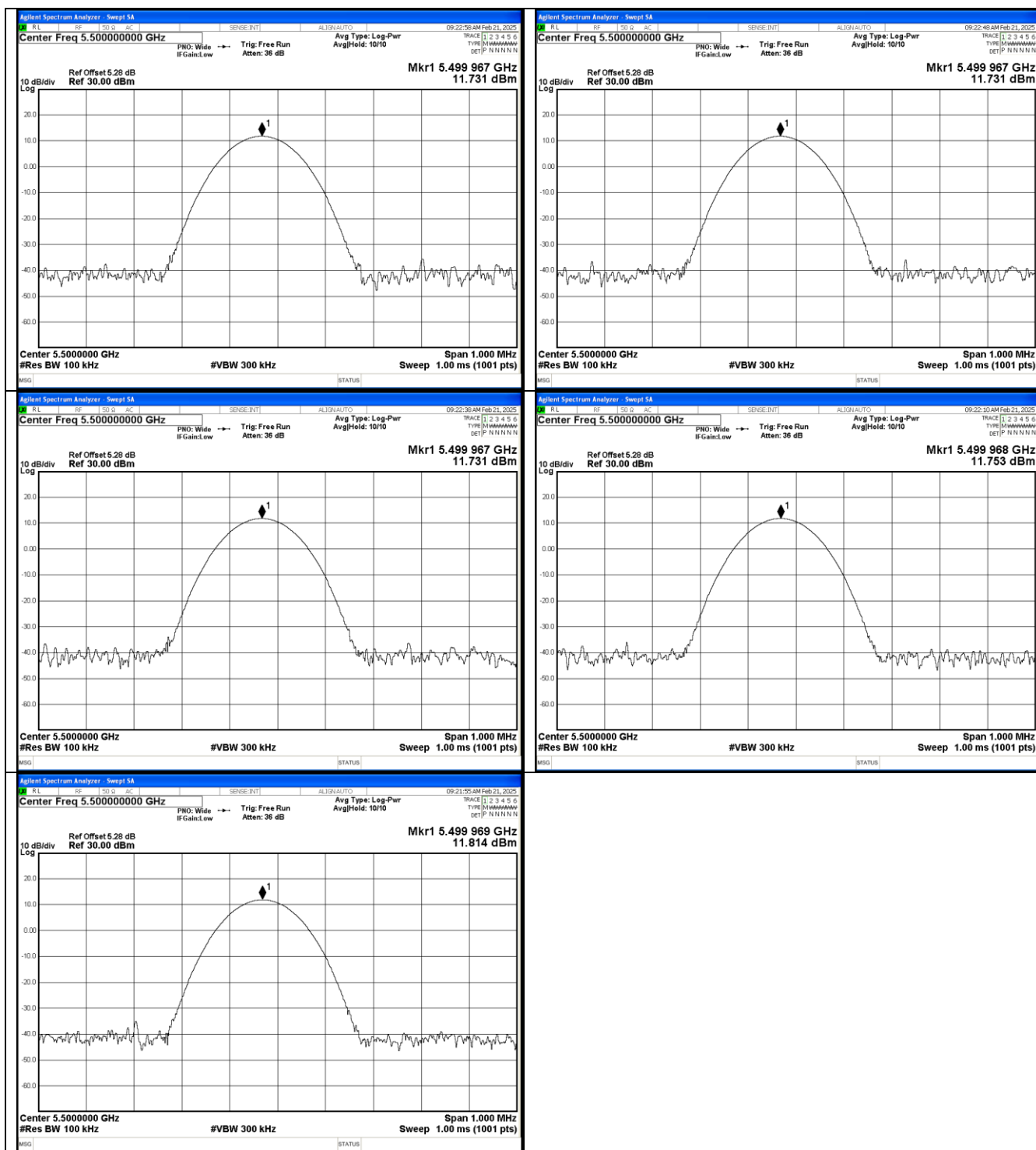




Frequency (MHz)	Voltage (V)	Temperature (°C)	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Result
5500	3.30 Vdc	0	5499.967	6.09	25	Pass
		10	5499.967	6	25	Pass
		20	5499.967	6	25	Pass
		30	5499.967	6	25	Pass
		40	5499.967	6	25	Pass
		50	5499.967	6	25	Pass
		70	5499.967	6	25	Pass
	2.81 Vdc	25	5499.968	5.82	25	Pass
	3.80 Vdc	25	5499.966	5.73	25	Pass

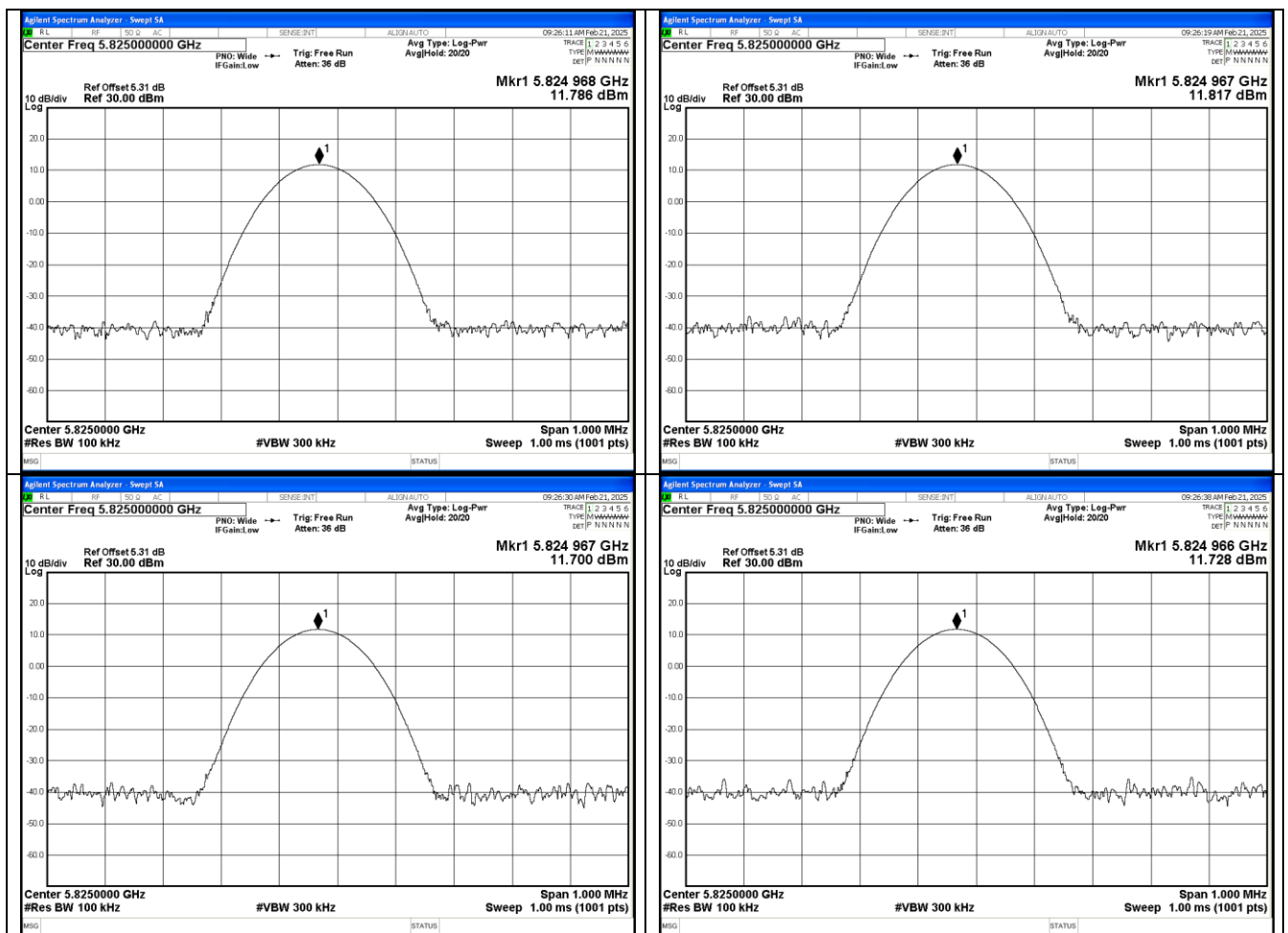
Note: The product has an operating temperature range of 0 to 70°C and is provided by the manufacturer.

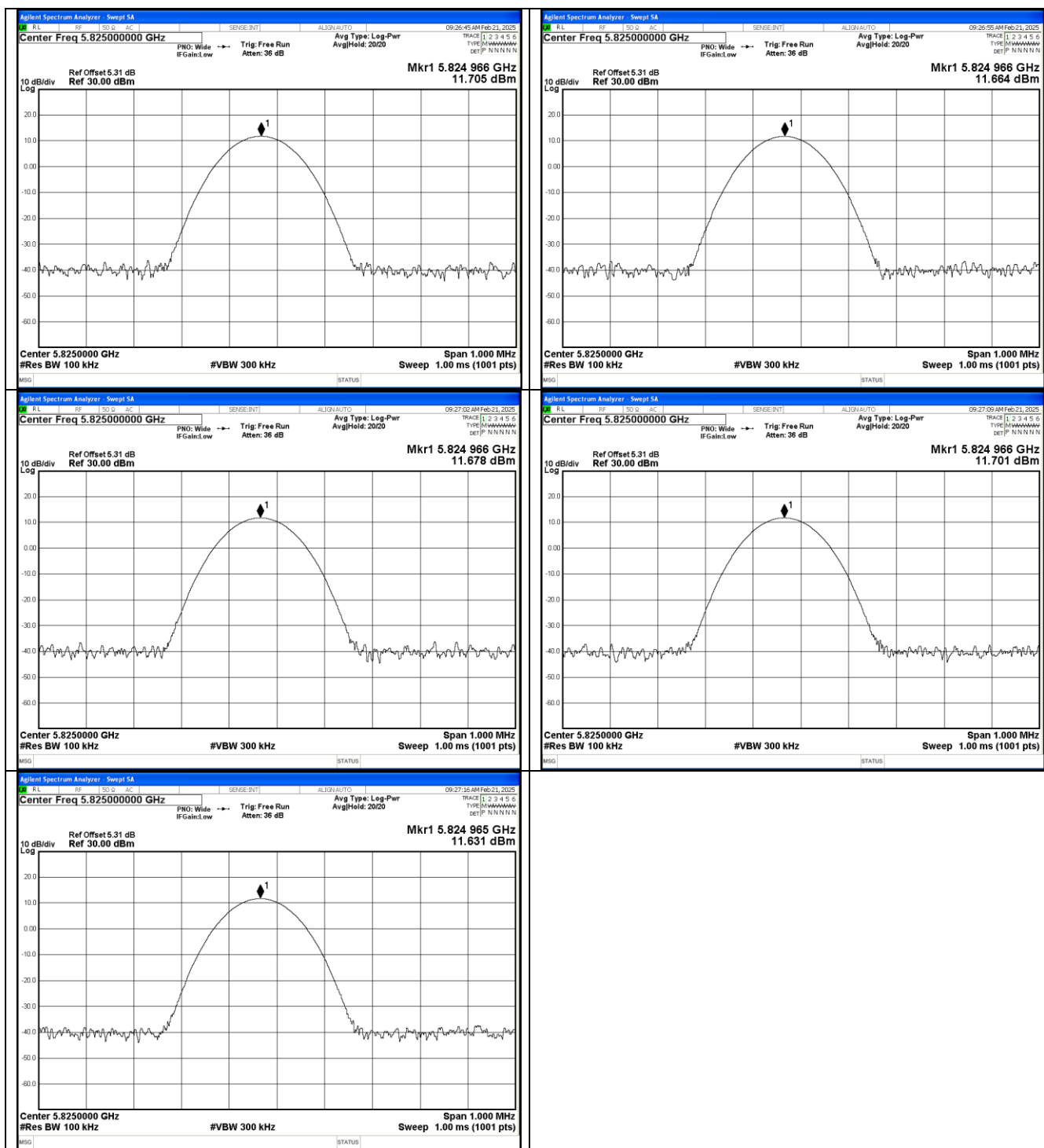




Frequency (MHz)	Voltage (V)	Temperature (°C)	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Result
5825	3.30 Vdc	0	5824.968	5.49	25	Pass
		10	5824.967	5.67	25	Pass
		20	5824.967	5.75	25	Pass
		30	5824.966	5.84	25	Pass
		40	5824.966	5.84	25	Pass
		50	5824.966	5.84	25	Pass
		70	5824.966	5.92	25	Pass
	2.81 Vdc	25	5824.966	5.92	25	Pass
	3.80 Vdc	25	5824.965	6.01	25	Pass

Note: The product has an operating temperature range of 0 to 70°C and is provided by the manufacturer.





Appendix A.5 Test Results of Conducted Power Spectral Density

802.11a mode:								
CH	Freq.	FCC PSD (dBm/MHz)		IC EIRP PSD (dBm/MHz)		IC Limit (dBm/MHz)	FCC Limit (dBm/MHz)	Result
		ANT1	ANT2	ANT1	ANT2			
36	5180	4.147	4.035	7.937	7.825	10	11	Pass
44	5200	3.109	3.963	6.899	7.753	10	11	Pass
48	5240	3.111	4.181	6.901	7.971	10	11	Pass

CH	Freq.	FCC PSD (dBm/MHz)		IC PSD (dBm/MHz)		IC Limit (dBm/MHz)	FCC Limit (dBm/MHz)	Result
		ANT1	ANT2	ANT1	ANT2			
52	5260	3.627	4.226	3.627	4.226	11	11	Pass
56	5300	3.462	3.693	3.462	3.693	11	11	Pass
64	5320	3.548	4.911	3.548	4.911	11	11	Pass
100	5500	3.997	3.942	3.997	3.942	11	11	Pass
116	5580	3.931	3.514	3.931	3.514	11	11	Pass
140	5700	2.902	2.34	2.902	2.34	11	11	Pass

CH	Freq.	ANT1_PSD (dBm/500kHz)	ANT2_PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
149	5745	3.549	4.31	30	Pass
157	5785	3.393	4.369	30	Pass
165	5825	4.238	3.166	30	Pass

Note:

Antenna gain(G) of 802.11 a/n/ac: 5150MHz to 5350MHz: 3.79 dBi, 5470MHz to 5725MHz: 4.19 dBi, 5725MHz to 5850MHz: 3.94 dBi (ANT1&2)..

