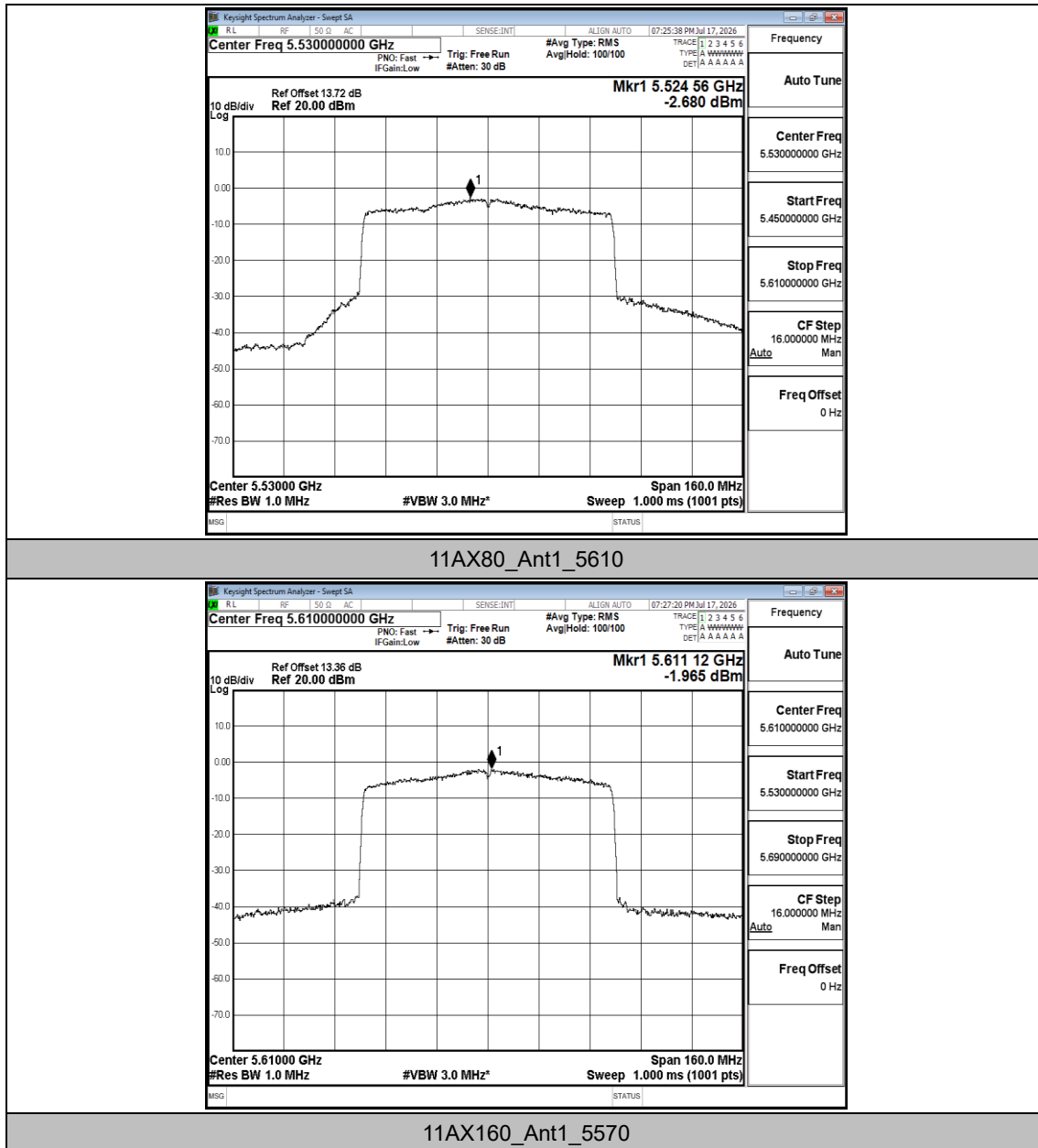
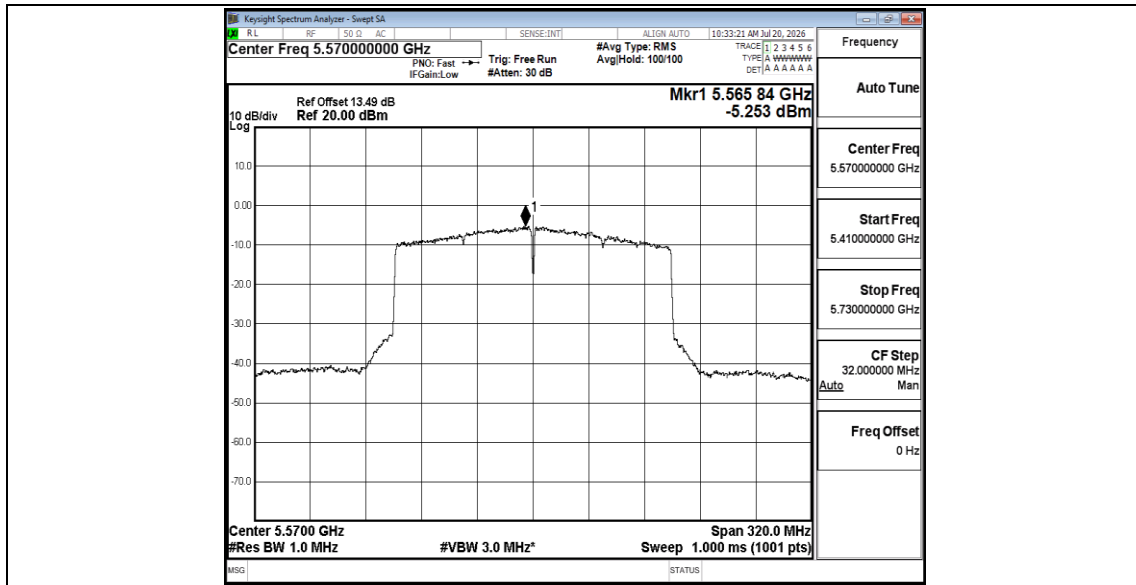






F.4 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Freq (MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Gain [dBi]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5500	AV	5350.000	-54.51	≤-45.80	4.45	0.15	45.29	≤54	PASS
				AV	5420.120	-52.49	≤-45.80	4.45	0.15	47.31	≤54	PASS
				AV	5460.000	-53.28	≤-45.80	4.45	0.15	46.52	≤54	PASS
				Peak	5350.000	-46.55	≤-31.45	4.45	0.00	53.10	≤68.2	PASS
				Peak	5420.120	-43.59	≤-31.45	4.45	0.00	56.06	≤68.2	PASS
				Peak	5460.000	-45.45	≤-31.45	4.45	0.00	54.20	≤68.2	PASS
		High	5700	AV	5725.000	-51.16	≤-45.83	4.45	0.18	48.67	≤54	PASS
				AV	5725.530	-51.32	≤-45.83	4.45	0.18	48.51	≤54	PASS
				AV	5735.000	-53.72	≤-45.83	4.45	0.18	46.11	≤54	PASS
				Peak	5725.000	-43.38	≤-31.45	4.45	0.00	56.27	≤68.2	PASS
				Peak	5725.910	-40.04	≤-31.45	4.45	0.00	59.61	≤68.2	PASS
				Peak	5735.000	-45.1	≤-31.45	4.45	0.00	54.55	≤68.2	PASS
11N20	Ant1	Low	5500	AV	5350.000	-55.5	≤-45.84	4.45	0.19	44.34	≤54	PASS
				AV	5420.330	-53.55	≤-45.84	4.45	0.19	46.29	≤54	PASS
				AV	5460.000	-54	≤-45.84	4.45	0.19	45.84	≤54	PASS
				Peak	5350.000	-46.18	≤-31.45	4.45	0.00	53.47	≤68.2	PASS
				Peak	5401.850	-44.16	≤-31.45	4.45	0.00	55.49	≤68.2	PASS
				Peak	5460.000	-47.27	≤-31.45	4.45	0.00	52.38	≤68.2	PASS
		High	5700	AV	5725.000	-51.39	≤-45.81	4.45	0.16	48.42	≤54	PASS
				AV	5725.340	-52.18	≤-45.81	4.45	0.16	47.63	≤54	PASS
				AV	5735.000	-53.42	≤-45.81	4.45	0.16	46.39	≤54	PASS
				Peak	5725.000	-43.44	≤-31.45	4.45	0.00	56.21	≤68.2	PASS
				Peak	5725.340	-41.66	≤-31.45	4.45	0.00	57.99	≤68.2	PASS
				Peak	5735.000	-44.74	≤-31.45	4.45	0.00	54.91	≤68.2	PASS
11N40	Ant1	Low	5510	AV	5350.000	-54.44	≤-46.03	4.45	0.38	45.59	≤54	PASS
				AV	5459.500	-51.87	≤-46.03	4.45	0.38	48.16	≤54	PASS
				AV	5460.000	-52.43	≤-46.03	4.45	0.38	47.60	≤54	PASS
				Peak	5350.000	-46.18	≤-31.45	4.45	0.00	53.47	≤68.2	PASS
				Peak	5375.460	-42.04	≤-31.45	4.45	0.00	57.61	≤68.2	PASS
				Peak	5460.000	-42.37	≤-31.45	4.45	0.00	57.28	≤68.2	PASS
		High	5670	AV	5725.000	-52.29	≤-46.03	4.45	0.38	47.74	≤54	PASS
				AV	5725.210	-51.42	≤-46.03	4.45	0.38	48.61	≤54	PASS
				AV	5735.000	-52.83	≤-46.03	4.45	0.38	47.20	≤54	PASS
				Peak	5725.000	-43	≤-31.45	4.45	0.00	56.65	≤68.2	PASS

11AC20	Ant1	Low	5500	Peak	5726.130	-42	≤-31.45	4.45	0.00	57.65	≤68.2	PASS
				Peak	5735.000	-43.41	≤-31.45	4.45	0.00	56.24	≤68.2	PASS
				AV	5350.000	-55.56	≤-46.08	4.45	0.43	44.52	≤54	PASS
				AV	5420.120	-53.67	≤-46.08	4.45	0.43	46.41	≤54	PASS
				AV	5460.000	-54.54	≤-46.08	4.45	0.43	45.54	≤54	PASS
				Peak	5350.000	-46.59	≤-31.45	4.45	0.00	53.06	≤68.2	PASS
		High	5700	Peak	5458.760	-43.99	≤-31.45	4.45	0.00	55.66	≤68.2	PASS
				Peak	5460.000	-46.45	≤-31.45	4.45	0.00	53.20	≤68.2	PASS
				AV	5725.000	-51.74	≤-46.08	4.45	0.43	48.34	≤54	PASS
				AV	5725.150	-51.69	≤-46.08	4.45	0.43	48.39	≤54	PASS
				AV	5735.000	-53.55	≤-46.08	4.45	0.43	46.53	≤54	PASS
				Peak	5725.000	-40.97	≤-31.45	4.45	0.00	58.68	≤68.2	PASS
11AC40	Ant1	Low	5510	Peak	5726.100	-40.47	≤-31.45	4.45	0.00	59.18	≤68.2	PASS
				Peak	5735.000	-46.31	≤-31.45	4.45	0.00	53.34	≤68.2	PASS
				AV	5350.000	-54.41	≤-46.55	4.45	0.90	46.14	≤54	PASS
				AV	5459.720	-51.76	≤-46.55	4.45	0.90	48.79	≤54	PASS
				AV	5460.000	-51.98	≤-46.55	4.45	0.90	48.57	≤54	PASS
				Peak	5350.000	-45.92	≤-31.45	4.45	0.00	53.73	≤68.2	PASS
	High	5670	5670	Peak	5459.060	-41.4	≤-31.45	4.45	0.00	58.25	≤68.2	PASS
				Peak	5460.000	-43.34	≤-31.45	4.45	0.00	56.31	≤68.2	PASS
				AV	5725.000	-51.91	≤-46.55	4.45	0.90	48.64	≤54	PASS
				AV	5725.900	-51.44	≤-46.55	4.45	0.90	49.11	≤54	PASS
				AV	5735.000	-52.89	≤-46.55	4.45	0.90	47.66	≤54	PASS
				Peak	5725.000	-42.26	≤-31.45	4.45	0.00	57.39	≤68.2	PASS
11AC80	Ant1	Low	5530	Peak	5726.130	-40.37	≤-31.45	4.45	0.00	59.28	≤68.2	PASS
				Peak	5735.000	-43.09	≤-31.45	4.45	0.00	56.56	≤68.2	PASS
				AV	5350.000	-56.51	≤-46.90	4.45	1.25	44.39	≤54	PASS
				AV	5458.200	-49.76	≤-46.90	4.45	1.25	51.14	≤54	PASS
				AV	5460.000	-51.8	≤-46.90	4.45	1.25	49.10	≤54	PASS
				Peak	5350.000	-48.86	≤-31.45	4.45	0.00	50.79	≤68.2	PASS
	High	5610	5610	Peak	5438.320	-38.46	≤-31.45	4.45	0.00	61.19	≤68.2	PASS
				Peak	5460.000	-42.15	≤-31.45	4.45	0.00	57.50	≤68.2	PASS
				AV	5725.000	-53.41	≤-47.20	4.45	1.55	47.79	≤54	PASS
				AV	5725.230	-52.99	≤-47.20	4.45	1.55	48.21	≤54	PASS
				AV	5735.000	-54.3	≤-47.20	4.45	1.55	46.90	≤54	PASS
				Peak	5725.000	-44.67	≤-31.45	4.45	0.00	54.98	≤68.2	PASS
11AC160	Ant1	Low	5570	Peak	5730.180	-41.83	≤-31.45	4.45	0.00	57.82	≤68.2	PASS
				Peak	5735.000	-45.78	≤-31.45	4.45	0.00	53.87	≤68.2	PASS
				AV	5350.000	-57.52	≤-47.69	4.45	2.04	44.17	≤54	PASS
				AV	5447.875	-48.02	≤-47.69	4.45	2.04	53.67	≤54	PASS
				AV	5460.000	-52.14	≤-47.69	4.45	2.04	49.55	≤54	PASS

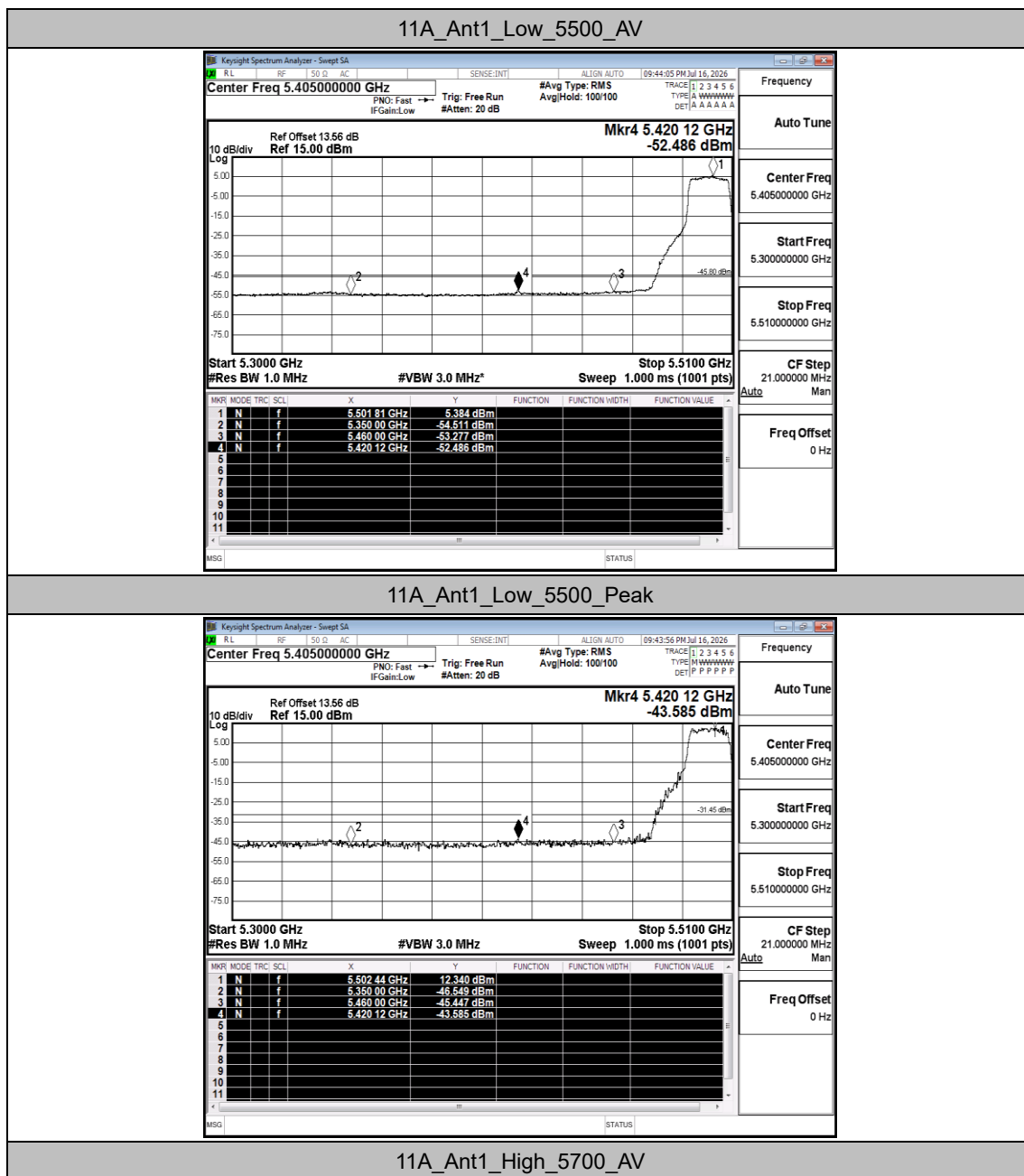
				Peak	5350.000	-49.48	≤-31.45	4.45	0.00	50.17	≤68.2	PASS
				Peak	5434.375	-36.47	≤-31.45	4.45	0.00	63.18	≤68.2	PASS
				Peak	5460.000	-43.75	≤-31.45	4.45	0.00	55.90	≤68.2	PASS
		High	5570	AV	5725.000	-52.54	≤-47.69	4.45	2.04	49.15	≤54	PASS
				AV	5725.440	-52.51	≤-47.69	4.45	2.04	49.18	≤54	PASS
				AV	5735.000	-56.16	≤-47.69	4.45	2.04	45.53	≤54	PASS
				Peak	5725.000	-41.91	≤-31.45	4.45	0.00	57.74	≤68.2	PASS
				Peak	5725.080	-41.91	≤-31.45	4.45	0.00	57.74	≤68.2	PASS
				Peak	5735.000	-48.69	≤-31.45	4.45	0.00	50.96	≤68.2	PASS
11AX20	Ant1	Low	5500	AV	5350.000	-54.78	≤-46.23	4.45	0.58	45.45	≤54	PASS
				AV	5419.910	-52.67	≤-46.23	4.45	0.58	47.56	≤54	PASS
				AV	5460.000	-54.01	≤-46.23	4.45	0.58	46.22	≤54	PASS
				Peak	5350.000	-46.33	≤-31.45	4.45	0.00	53.32	≤68.2	PASS
				Peak	5429.150	-43.63	≤-31.45	4.45	0.00	56.02	≤68.2	PASS
				Peak	5460.000	-44.53	≤-31.45	4.45	0.00	55.12	≤68.2	PASS
		High	5700	AV	5725.000	-52.29	≤-46.13	4.45	0.48	47.84	≤54	PASS
				AV	5725.150	-52.48	≤-46.13	4.45	0.48	47.65	≤54	PASS
				AV	5735.000	-53.98	≤-46.13	4.45	0.48	46.15	≤54	PASS
				Peak	5725.000	-44.04	≤-31.45	4.45	0.00	55.61	≤68.2	PASS
				Peak	5731.800	-42.51	≤-31.45	4.45	0.00	57.14	≤68.2	PASS
				Peak	5735.000	-45.88	≤-31.45	4.45	0.00	53.77	≤68.2	PASS
11AX40	Ant1	Low	5510	AV	5350.000	-54.52	≤-46.23	4.45	0.58	45.71	≤54	PASS
				AV	5459.280	-51.56	≤-46.23	4.45	0.58	48.67	≤54	PASS
				AV	5460.000	-52.46	≤-46.23	4.45	0.58	47.77	≤54	PASS
				Peak	5350.000	-46.65	≤-31.45	4.45	0.00	53.00	≤68.2	PASS
				Peak	5459.500	-41.41	≤-31.45	4.45	0.00	58.24	≤68.2	PASS
				Peak	5460.000	-41.96	≤-31.45	4.45	0.00	57.69	≤68.2	PASS
		High	5670	AV	5725.000	-51.63	≤-46.22	4.45	0.57	48.59	≤54	PASS
				AV	5725.440	-52.09	≤-46.22	4.45	0.57	48.13	≤54	PASS
				AV	5735.000	-52.85	≤-46.22	4.45	0.57	47.37	≤54	PASS
				Peak	5725.000	-42.96	≤-31.45	4.45	0.00	56.69	≤68.2	PASS
				Peak	5727.740	-41.31	≤-31.45	4.45	0.00	58.34	≤68.2	PASS
				Peak	5735.000	-45.85	≤-31.45	4.45	0.00	53.80	≤68.2	PASS
11AX80	Ant1	Low	5530	AV	5350.000	-55.97	≤-46.24	4.45	0.59	44.27	≤54	PASS
				AV	5454.000	-49.56	≤-46.24	4.45	0.59	50.68	≤54	PASS
				AV	5460.000	-51.13	≤-46.24	4.45	0.59	49.11	≤54	PASS
				Peak	5350.000	-47.09	≤-31.45	4.45	0.00	52.56	≤68.2	PASS
				Peak	5438.600	-39.25	≤-31.45	4.45	0.00	60.40	≤68.2	PASS
				Peak	5460.000	-43.85	≤-31.45	4.45	0.00	55.80	≤68.2	PASS
		High	5610	AV	5725.000	-55.18	≤-46.15	4.45	0.50	44.97	≤54	PASS
				AV	5729.250	-54.42	≤-46.15	4.45	0.50	45.73	≤54	PASS

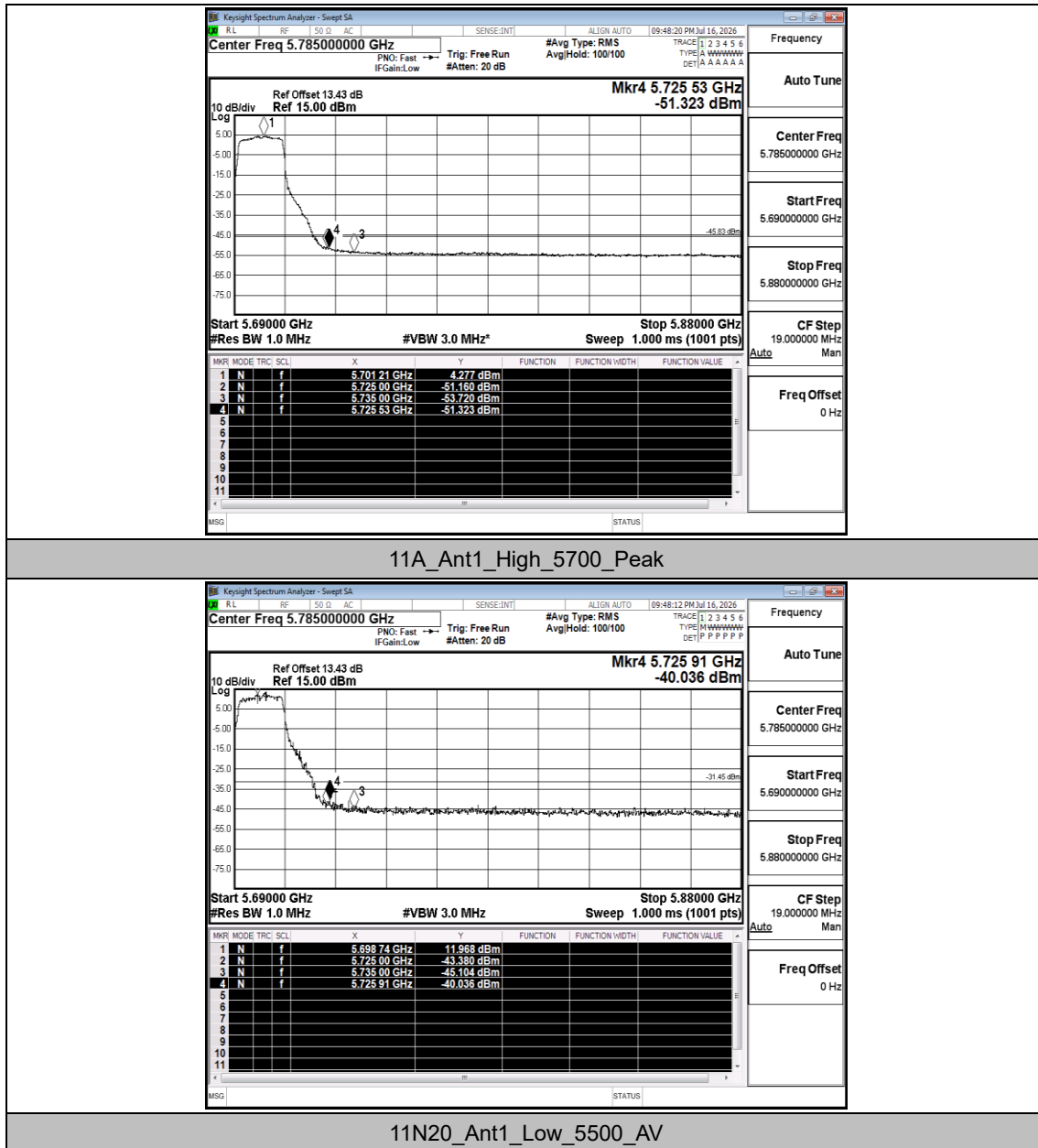
11AX160	Ant1			AV	5735.000	-55.77	≤-46.15	4.45	0.50	44.38	≤54	PASS
				Peak	5725.000	-46.94	≤-31.45	4.45	0.00	52.71	≤68.2	PASS
				Peak	5731.000	-44.58	≤-31.45	4.45	0.00	55.07	≤68.2	PASS
				Peak	5735.000	-46.6	≤-31.45	4.45	0.00	53.05	≤68.2	PASS
		Low	5570	AV	5350.000	-57.01	≤-46.24	4.45	0.59	43.23	≤54	PASS
				AV	5452.750	-48.74	≤-46.24	4.45	0.59	51.50	≤54	PASS
				AV	5460.000	-51.04	≤-46.24	4.45	0.59	49.20	≤54	PASS
				Peak	5350.000	-46.13	≤-31.45	4.45	0.00	53.52	≤68.2	PASS
				Peak	5451.625	-37.18	≤-31.45	4.45	0.00	62.47	≤68.2	PASS
				Peak	5460.000	-41.8	≤-31.45	4.45	0.00	57.85	≤68.2	PASS
		High	5570	AV	5725.000	-52.86	≤-46.24	4.45	0.59	47.38	≤54	PASS
				AV	5725.080	-52.86	≤-46.24	4.45	0.59	47.38	≤54	PASS
				AV	5735.000	-54.13	≤-46.24	4.45	0.59	46.11	≤54	PASS
				Peak	5725.000	-43.63	≤-31.45	4.45	0.00	56.02	≤68.2	PASS
				Peak	5725.800	-43.05	≤-31.45	4.45	0.00	56.60	≤68.2	PASS
				Peak	5735.000	-45.76	≤-31.45	4.45	0.00	53.89	≤68.2	PASS

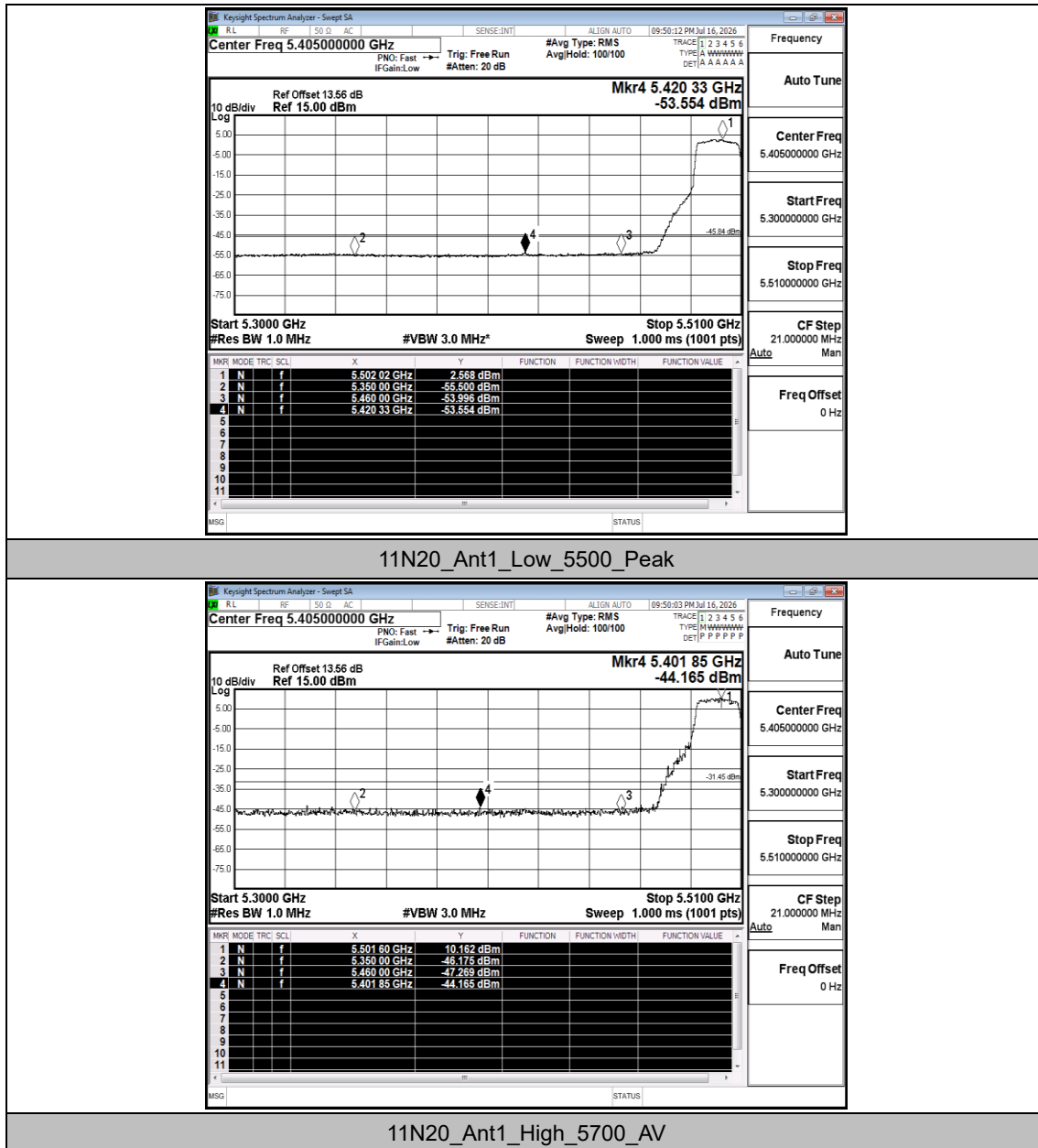
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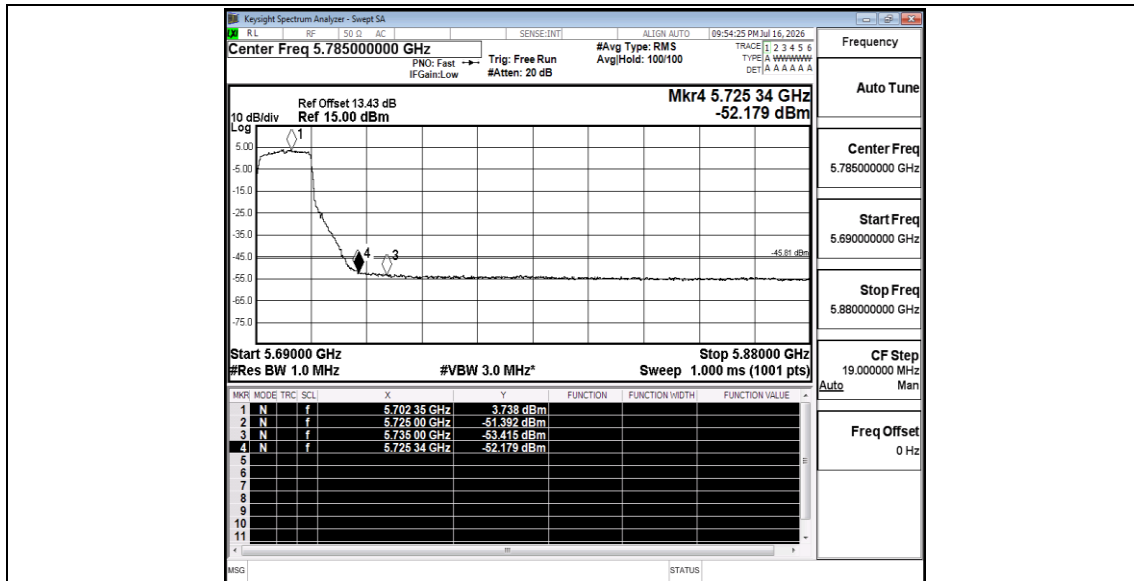
1. The Antenna Gain is compensated in the graph.

Test Graphs

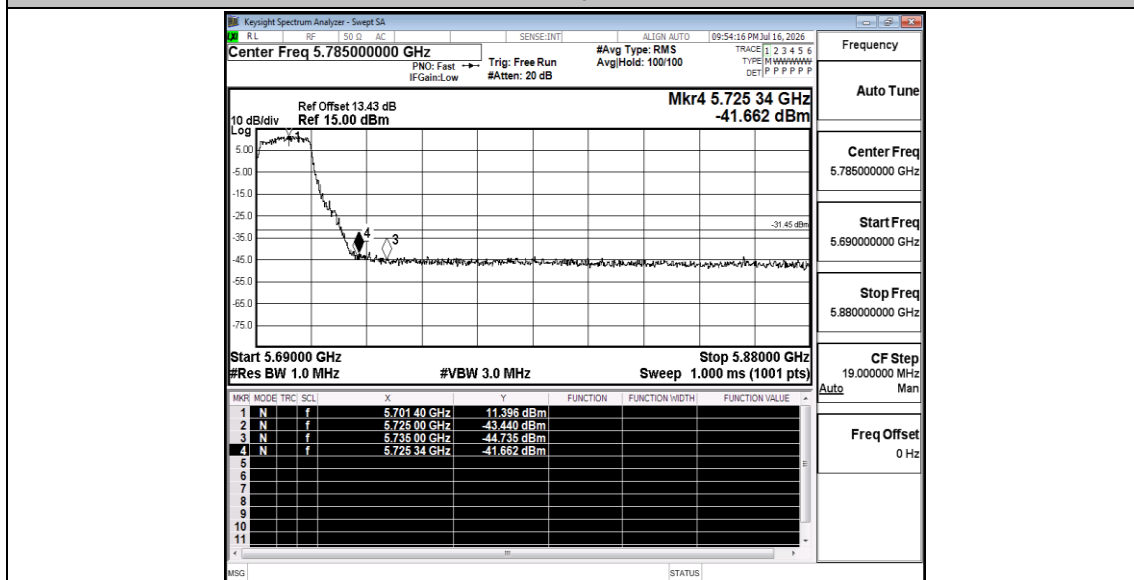




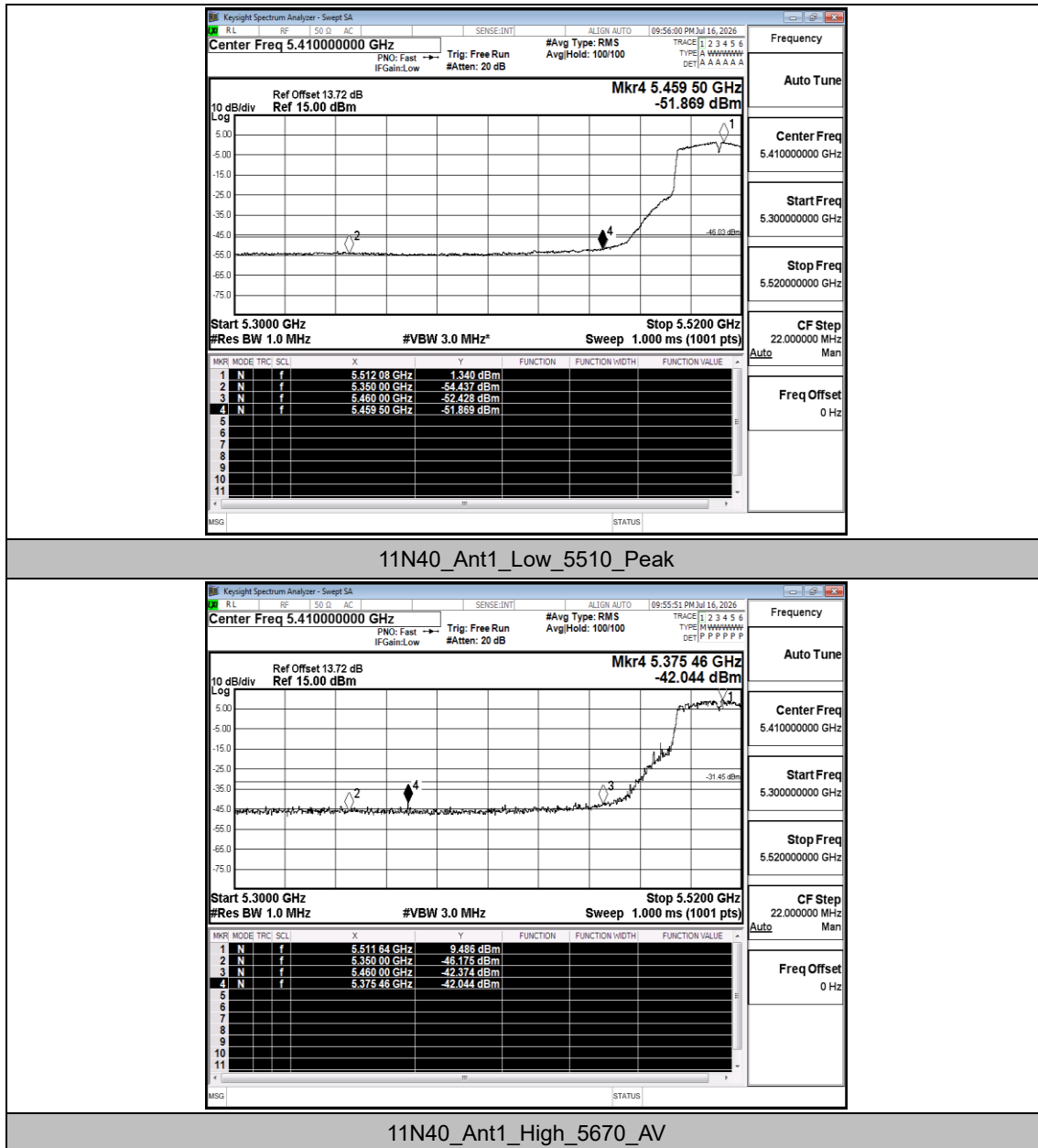


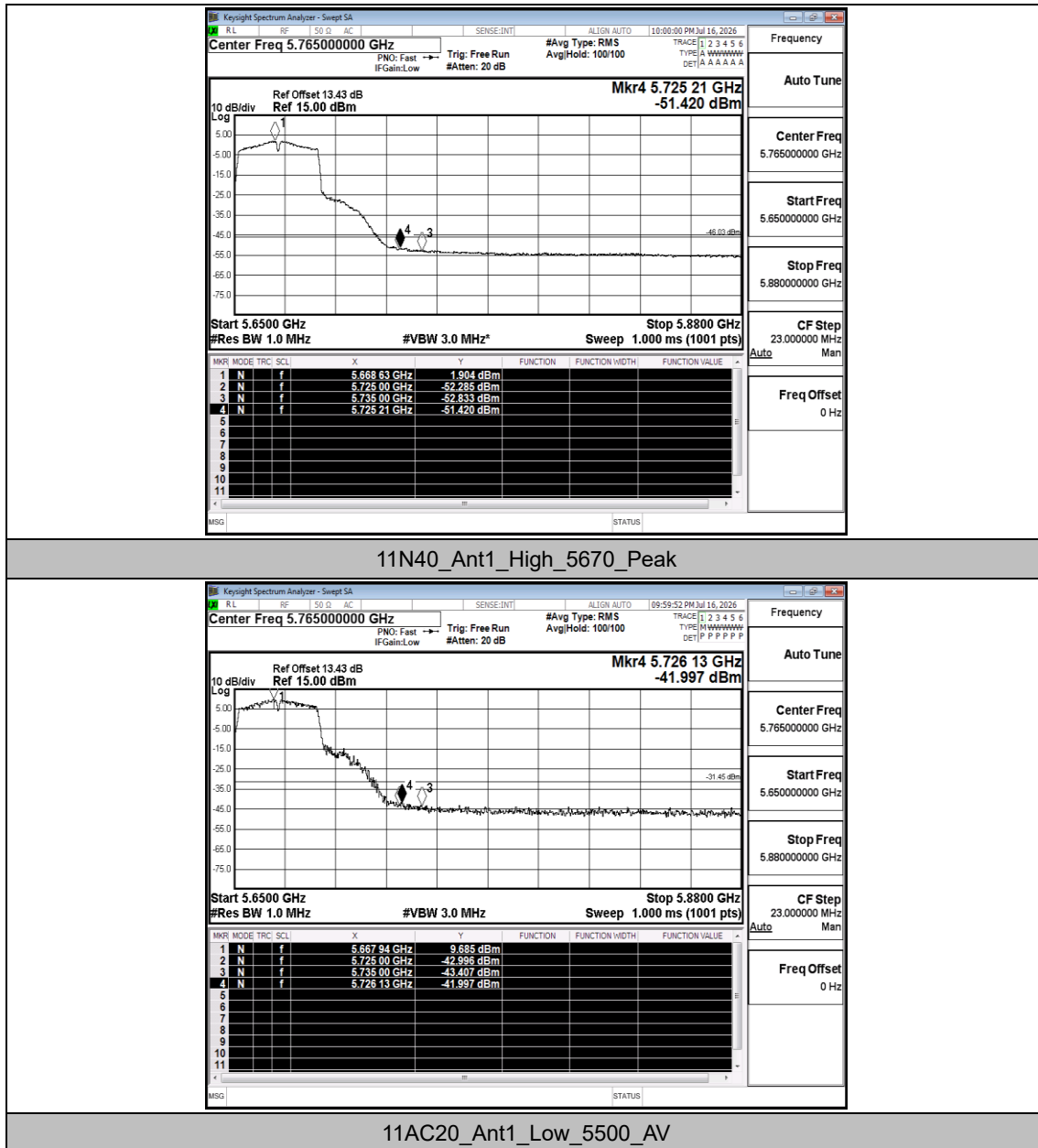


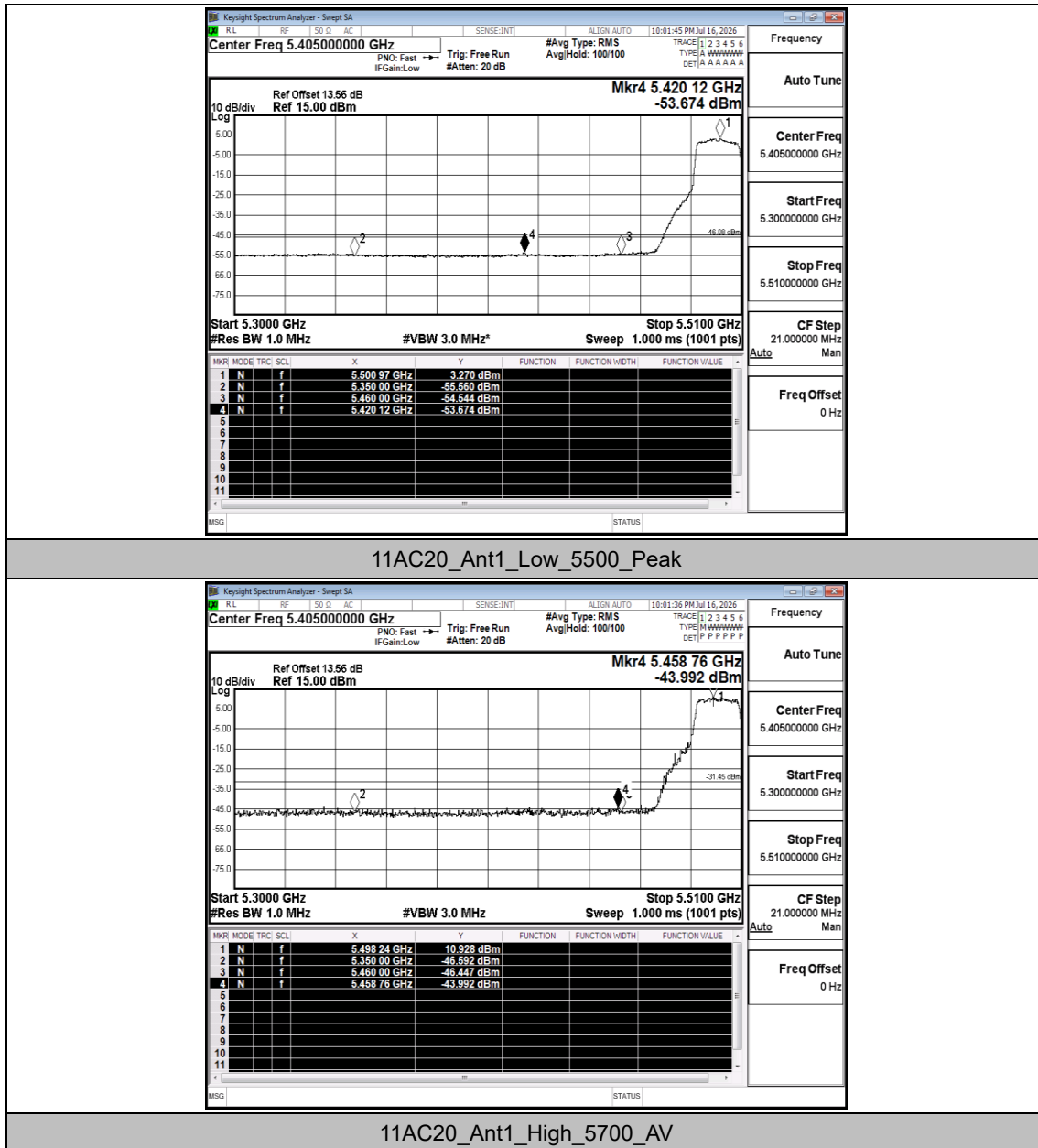
11N20_Ant1_High_5700_Peak

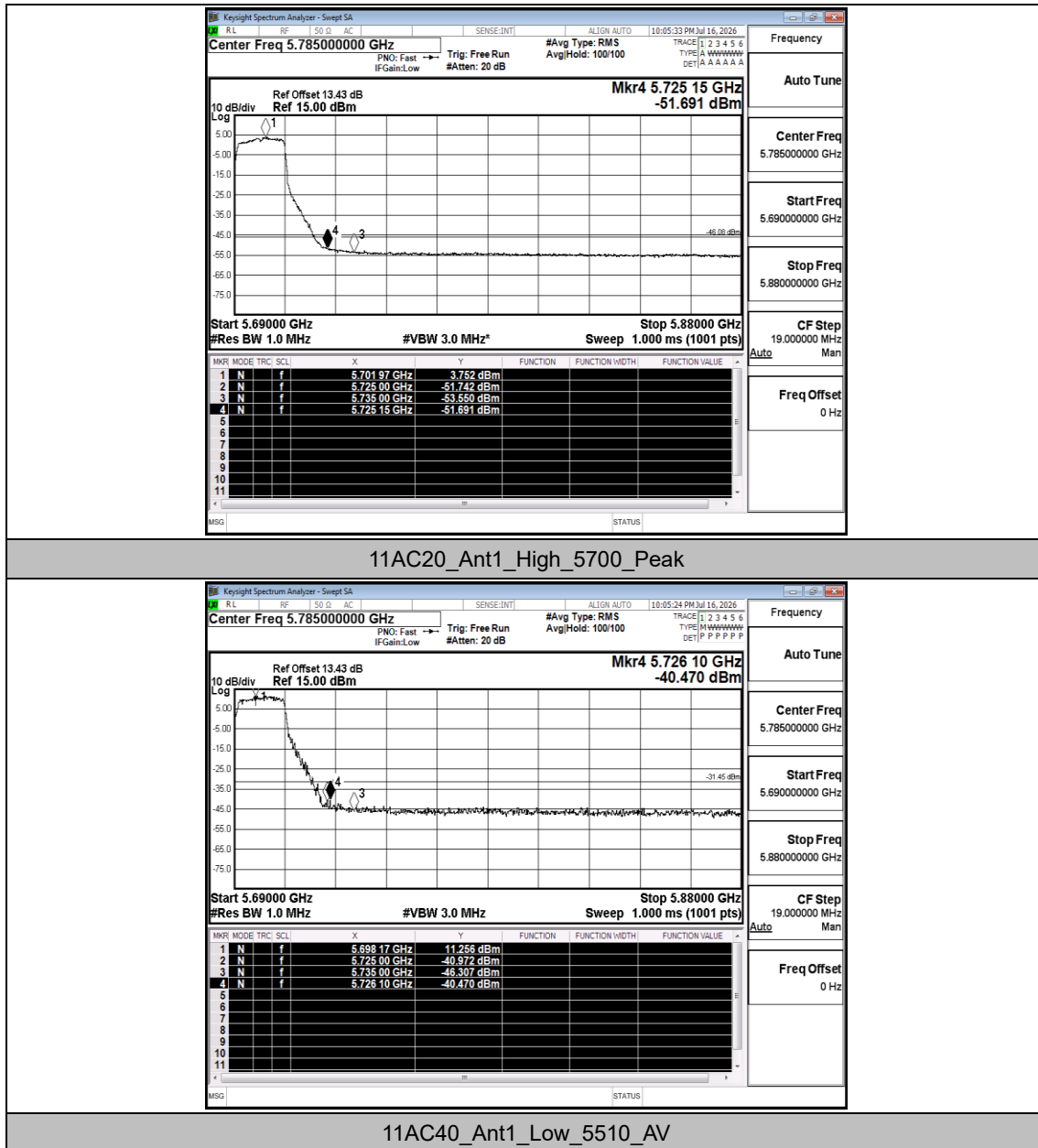


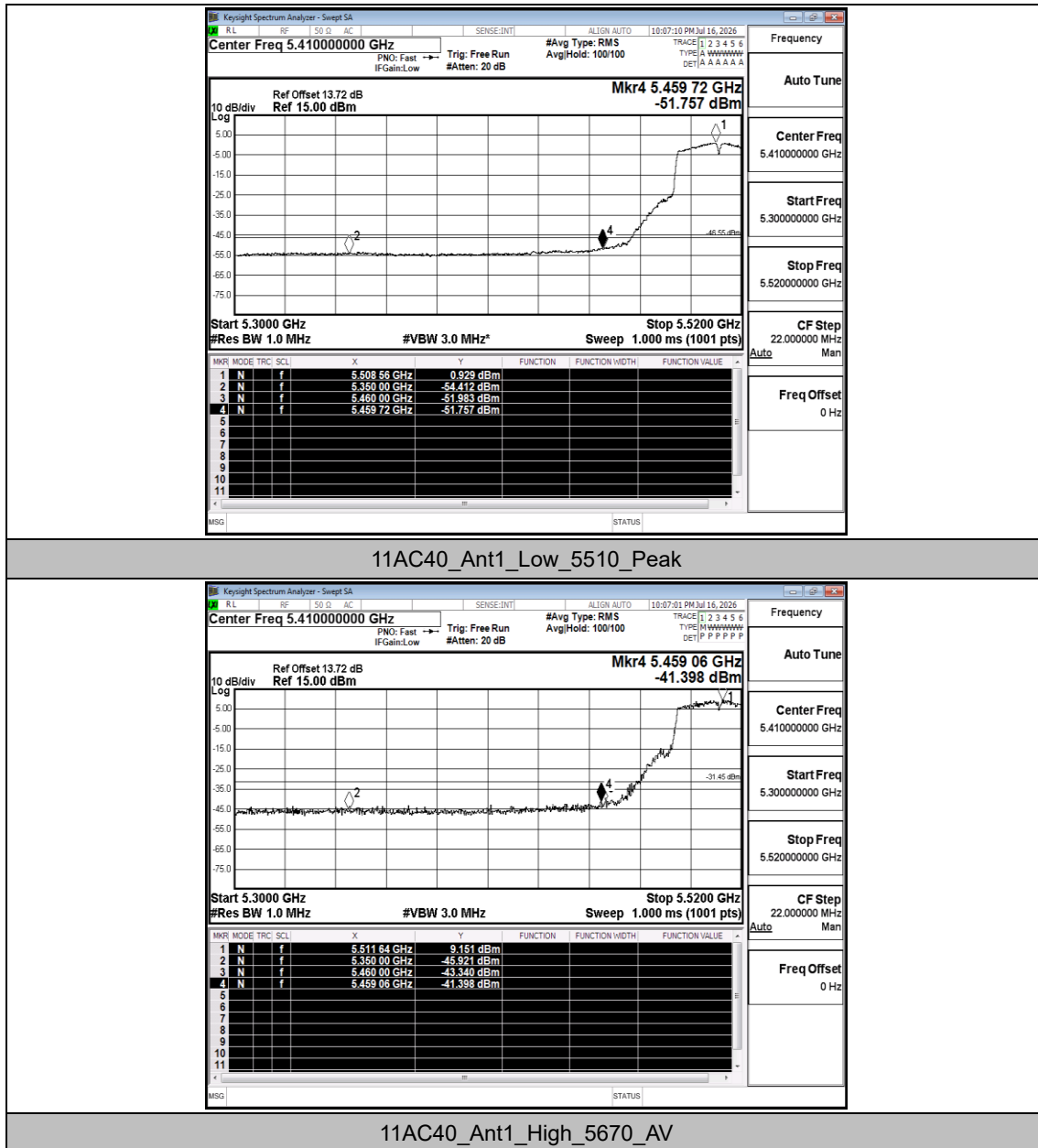
11N40_Ant1_Low_5510_AV

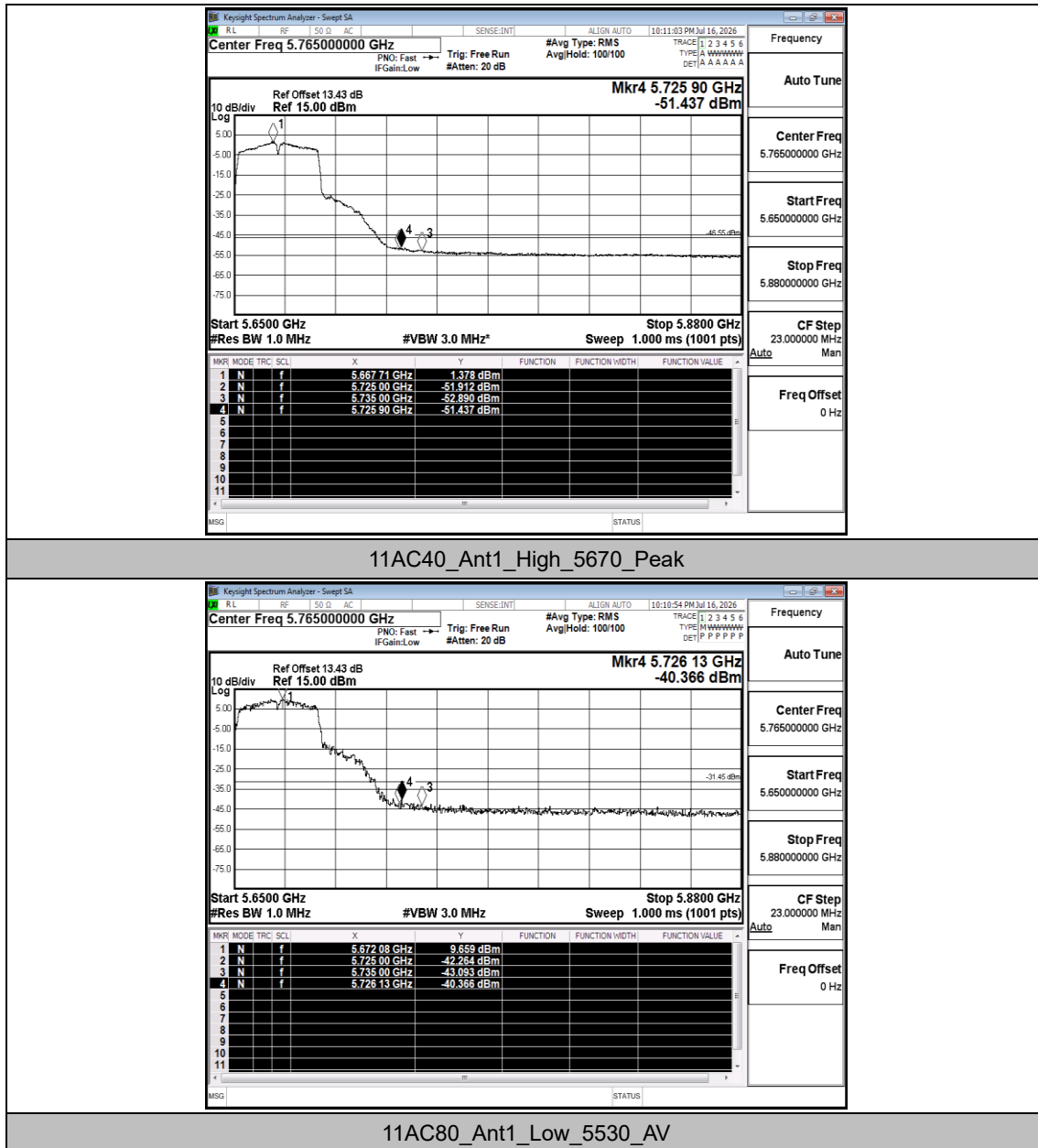


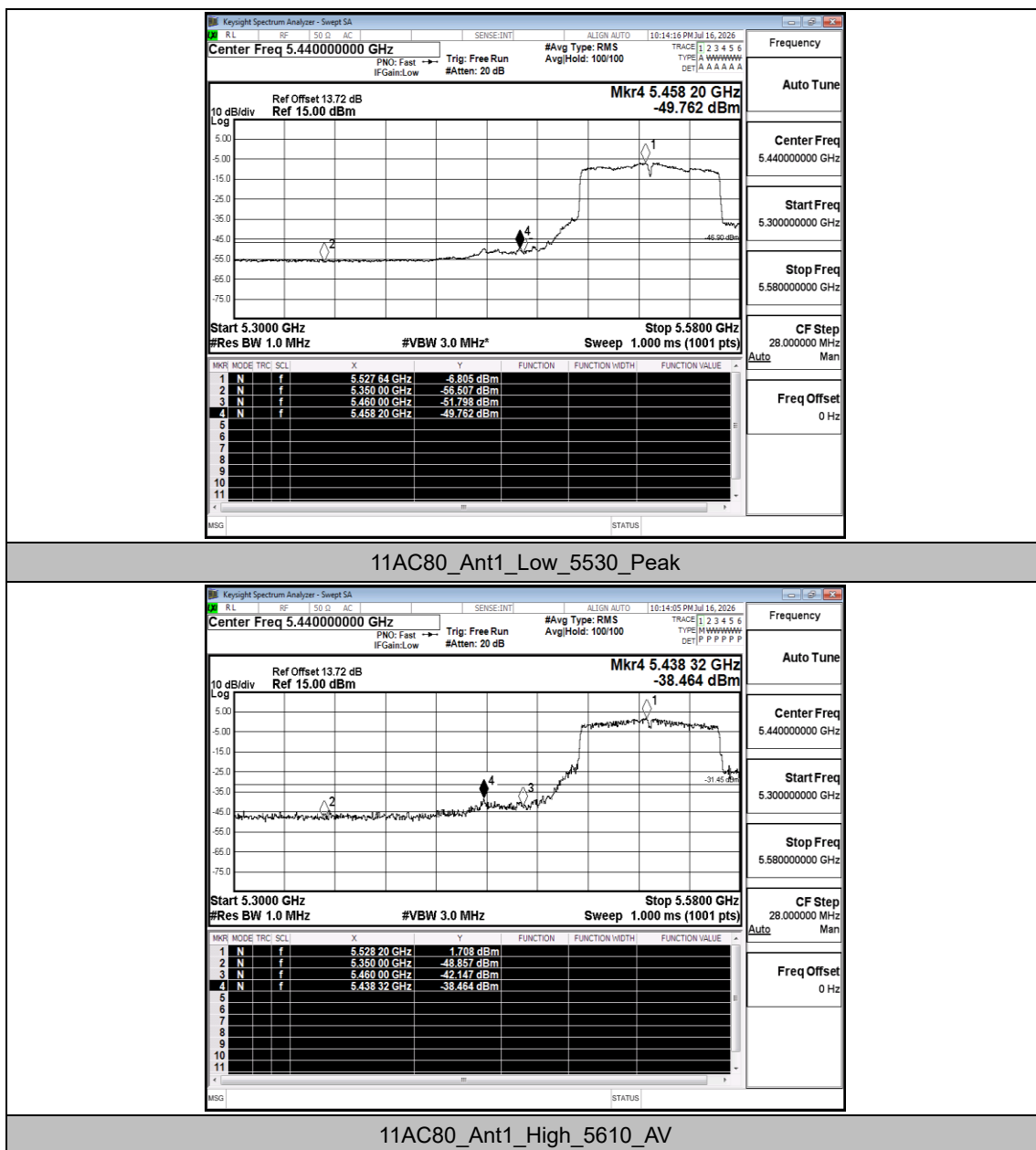


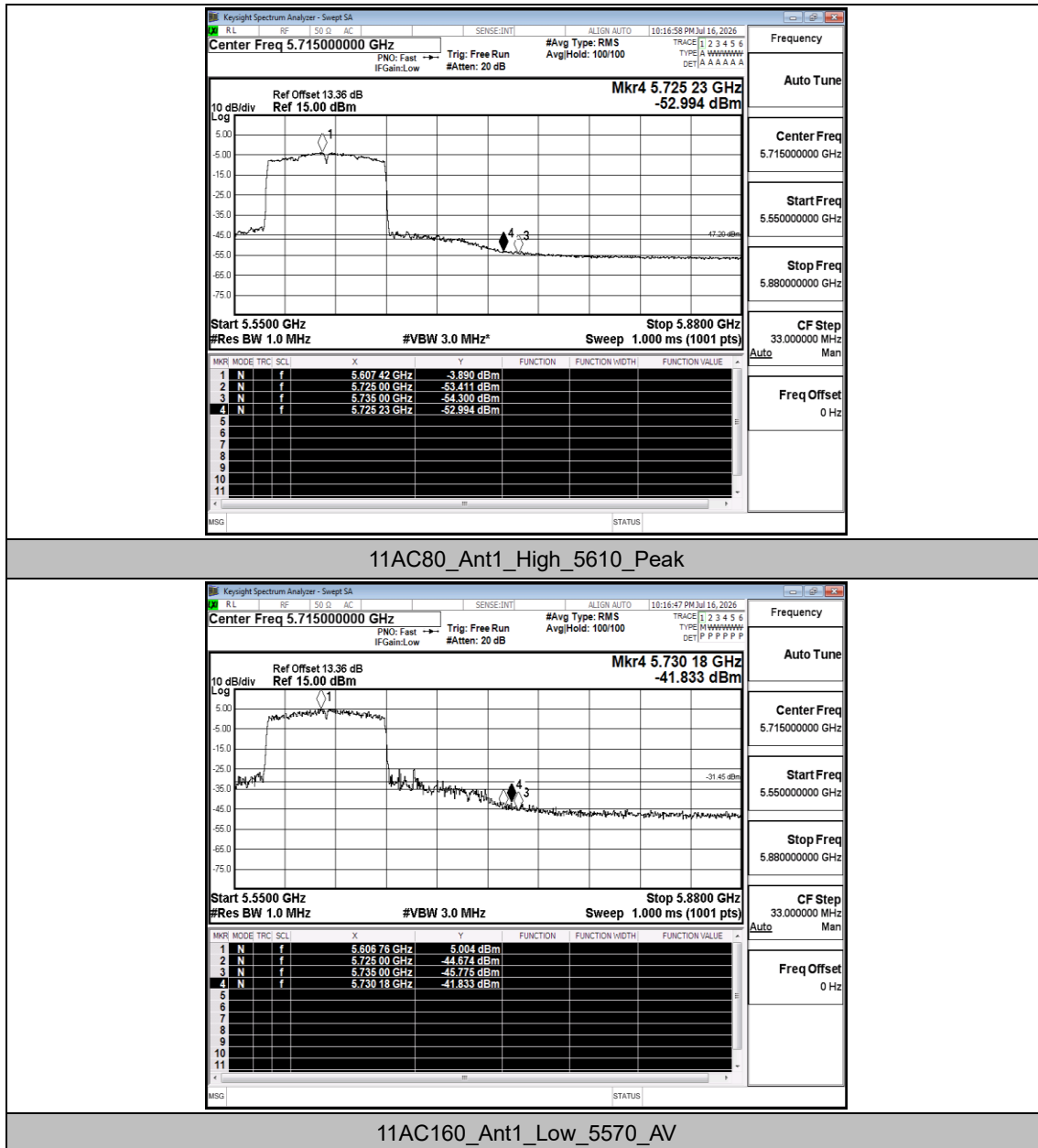


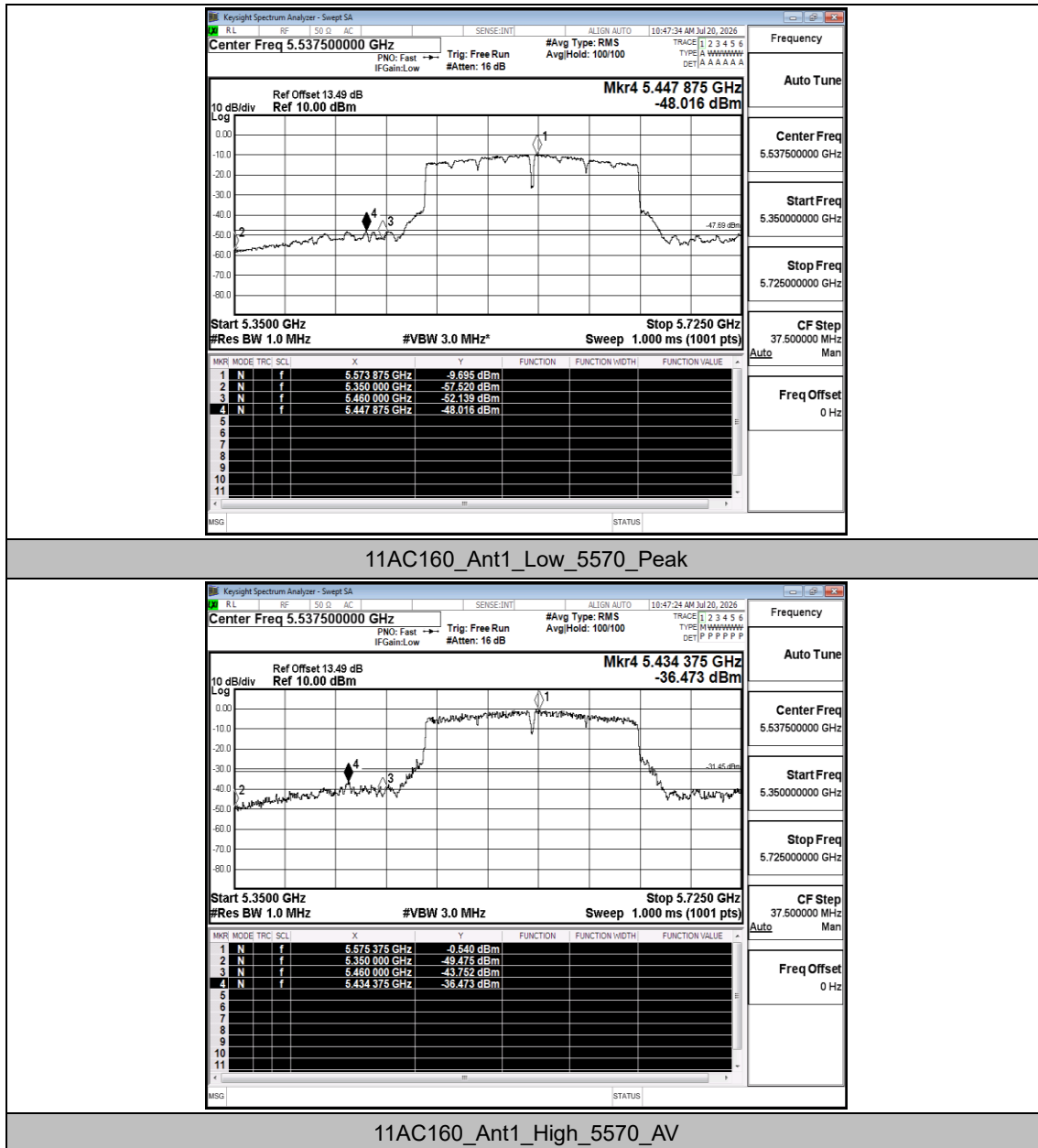


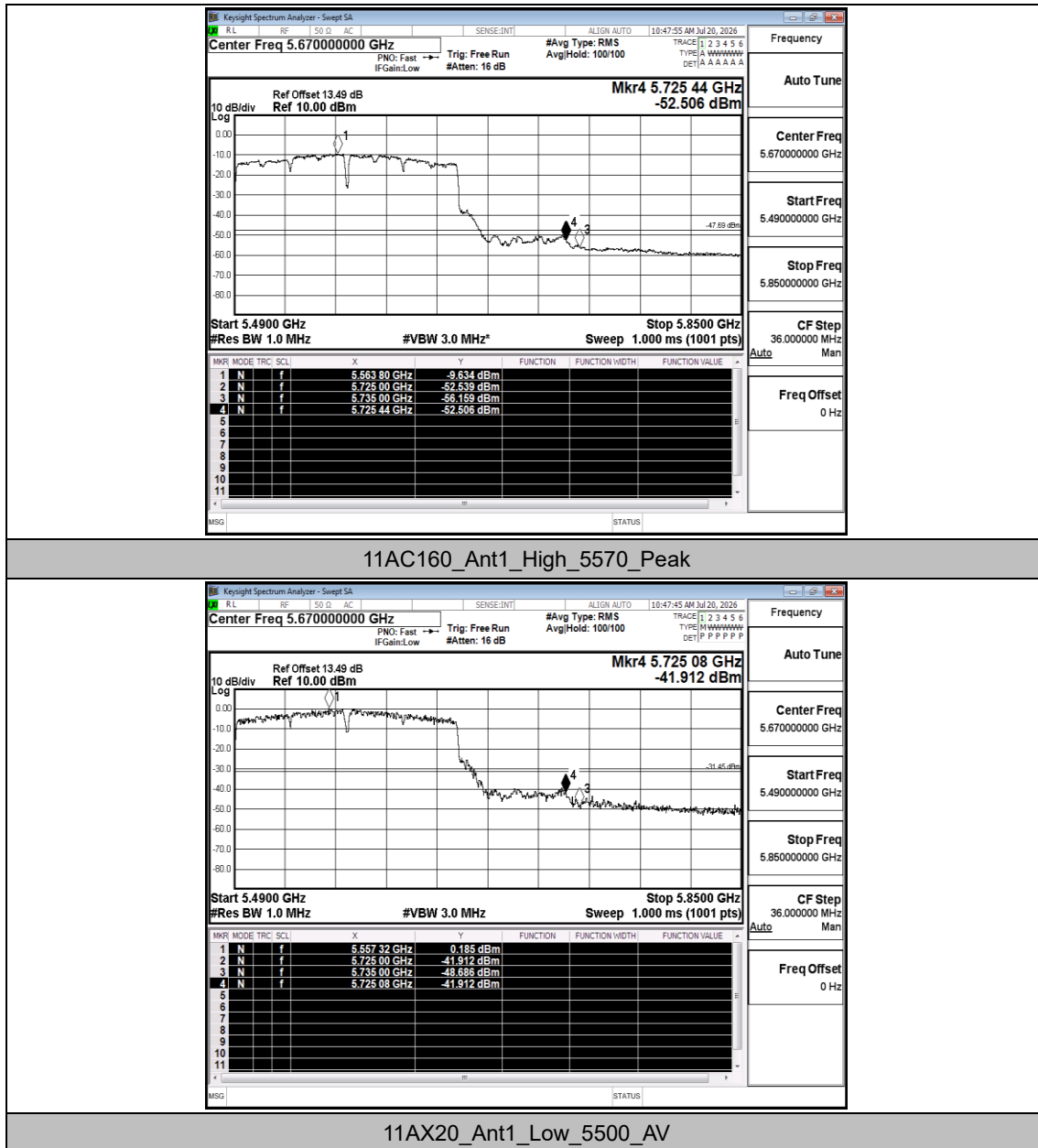


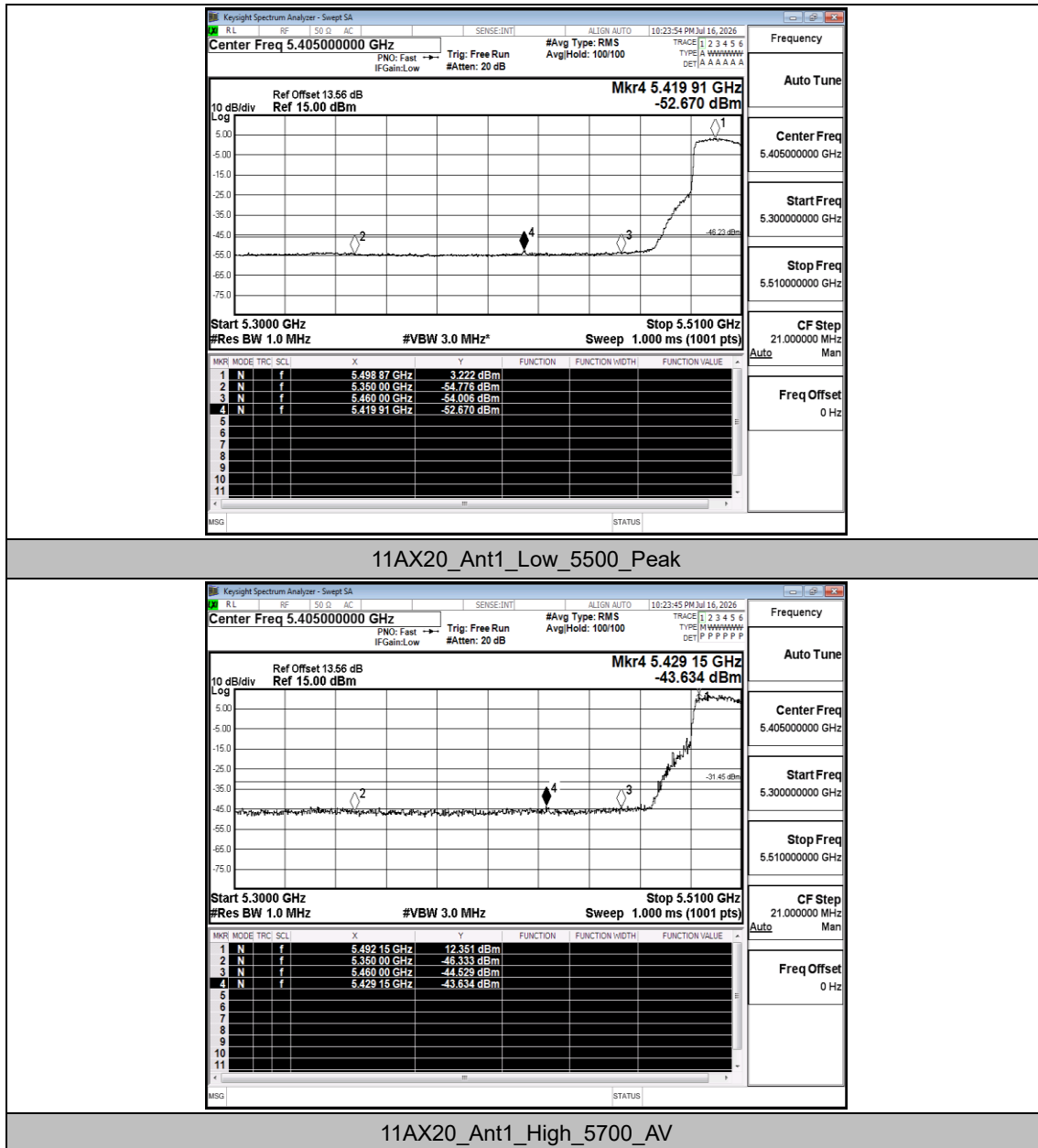


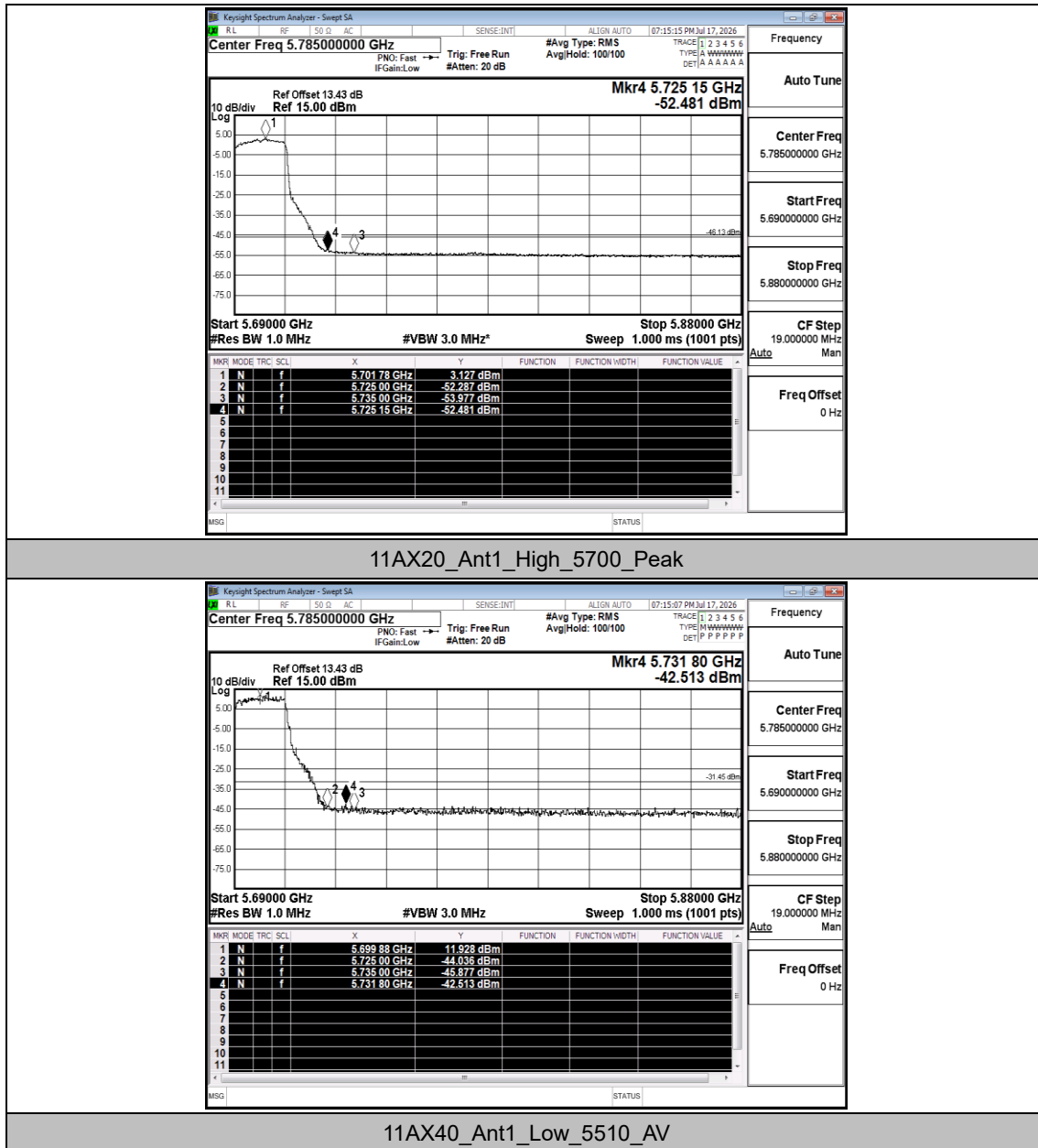


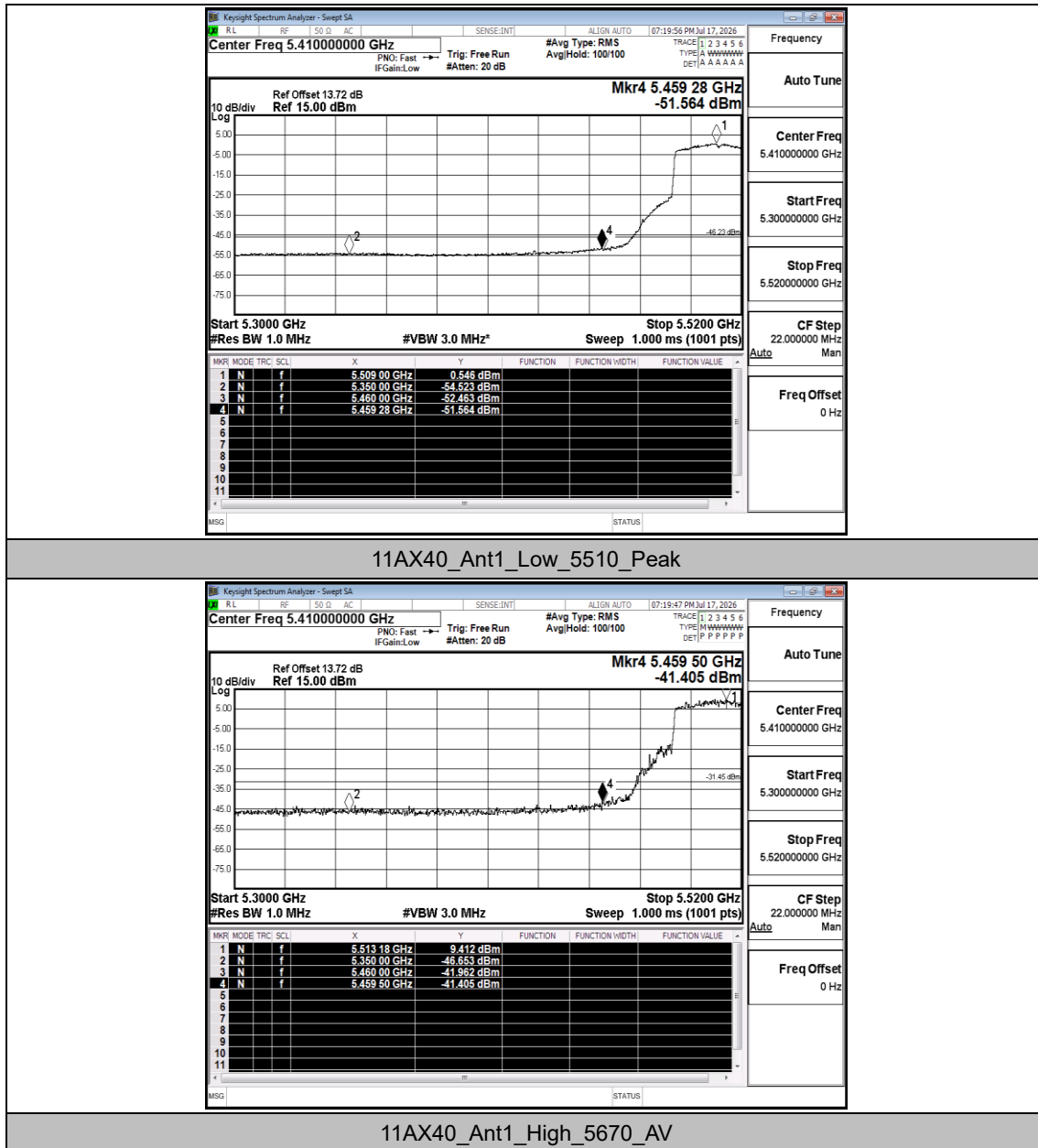


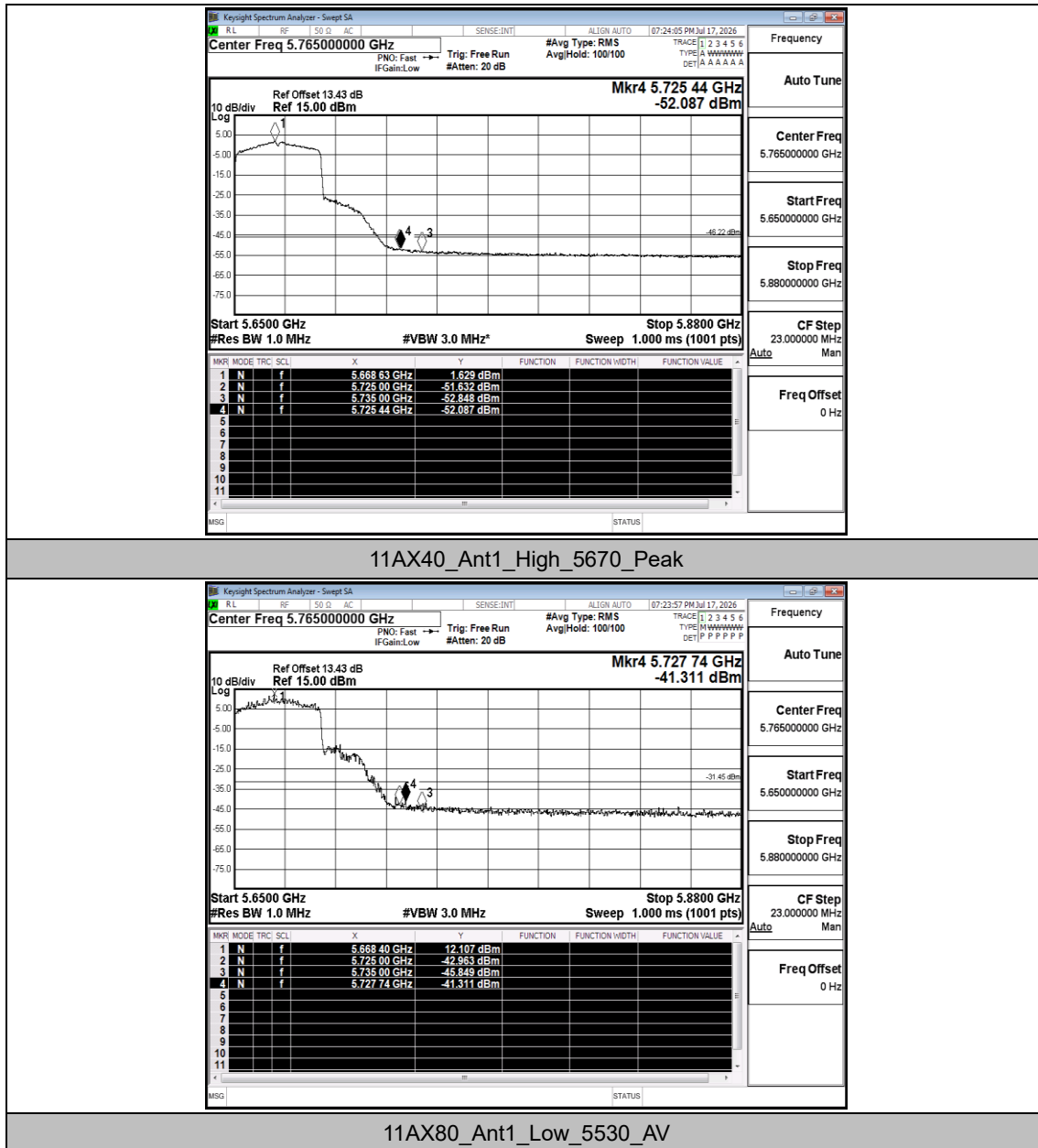


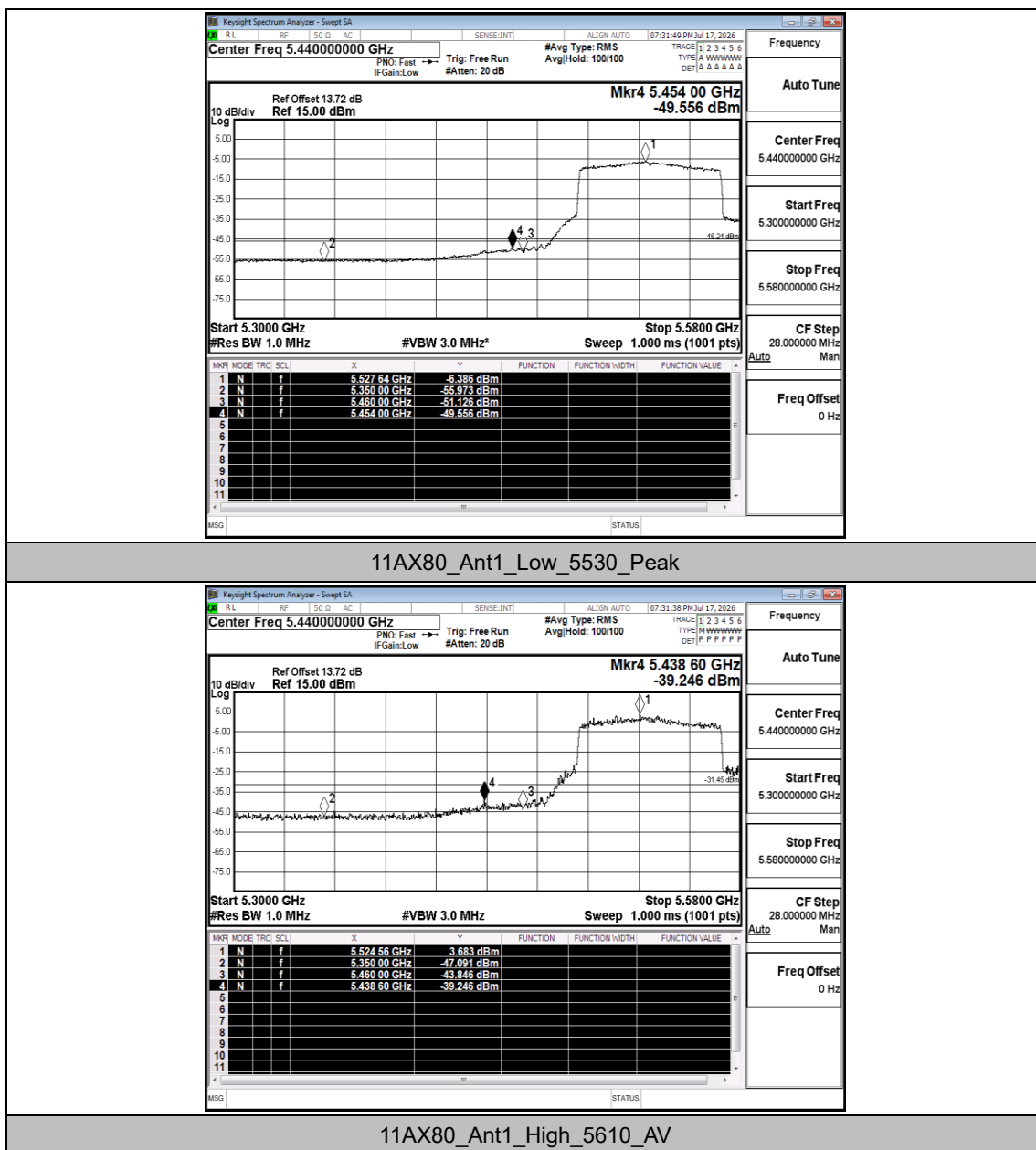


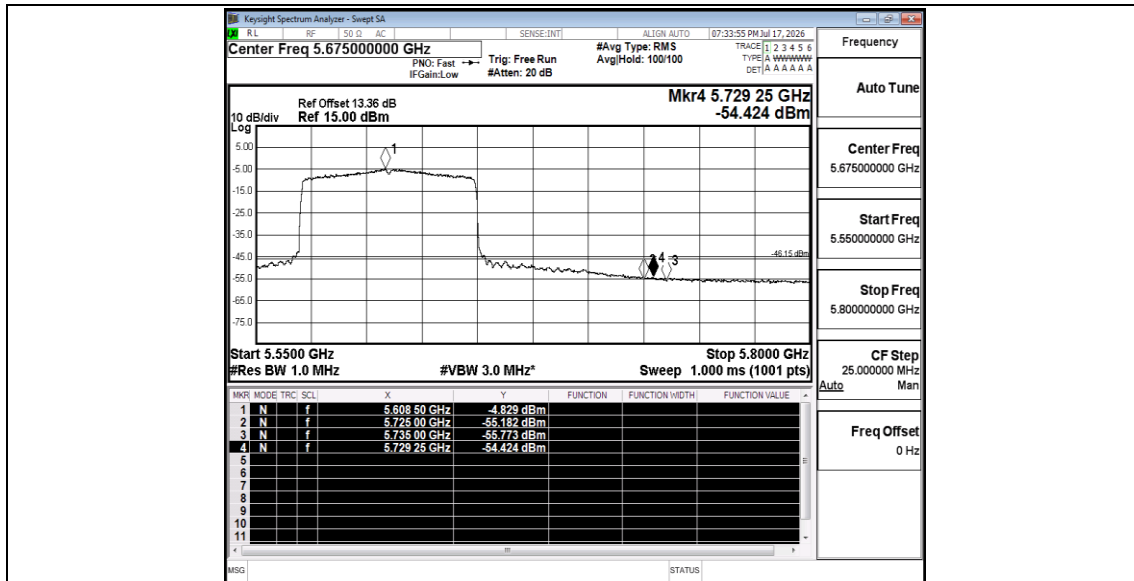




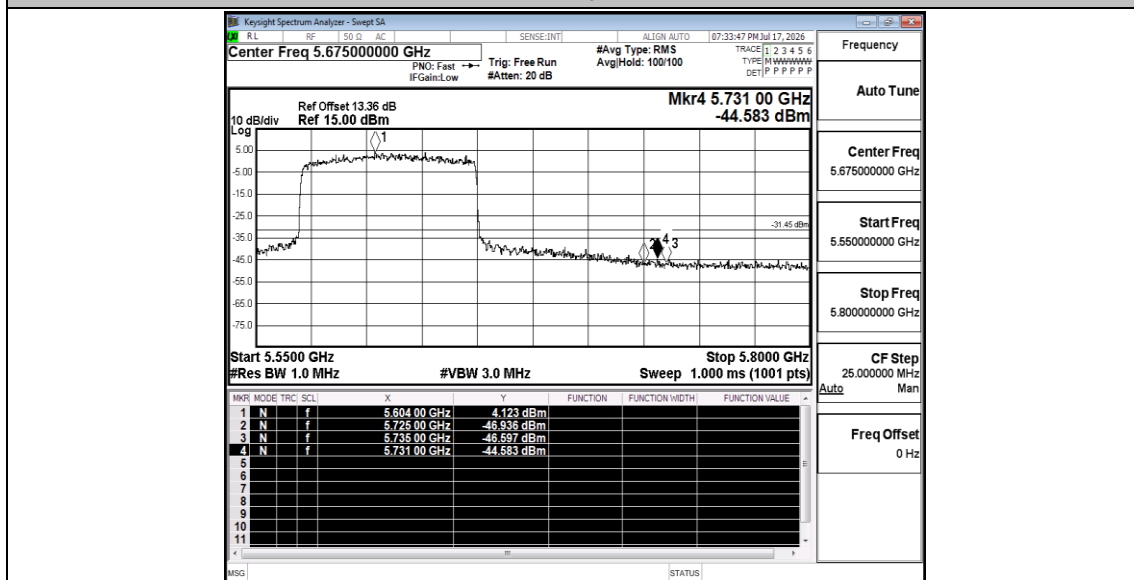




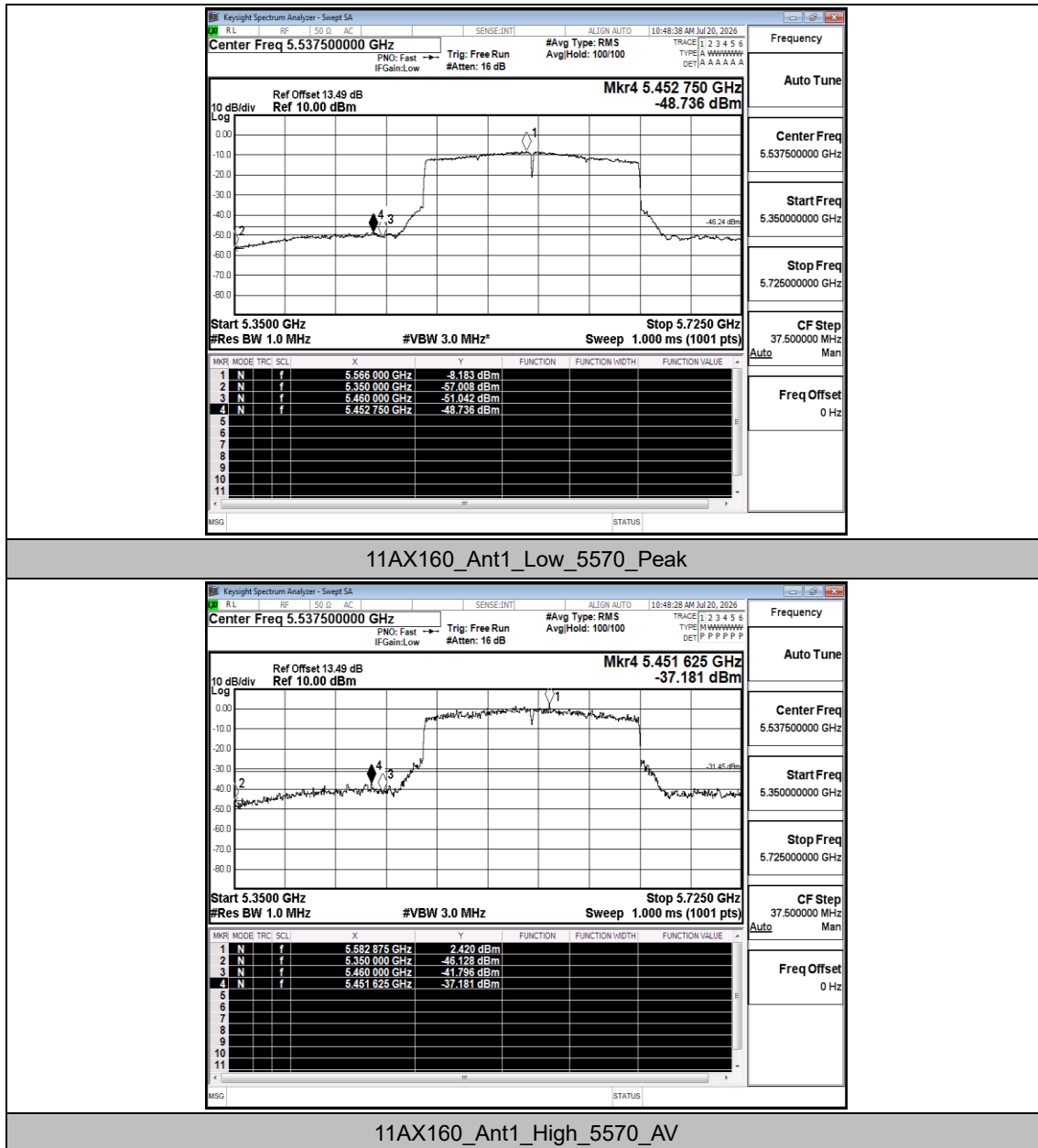


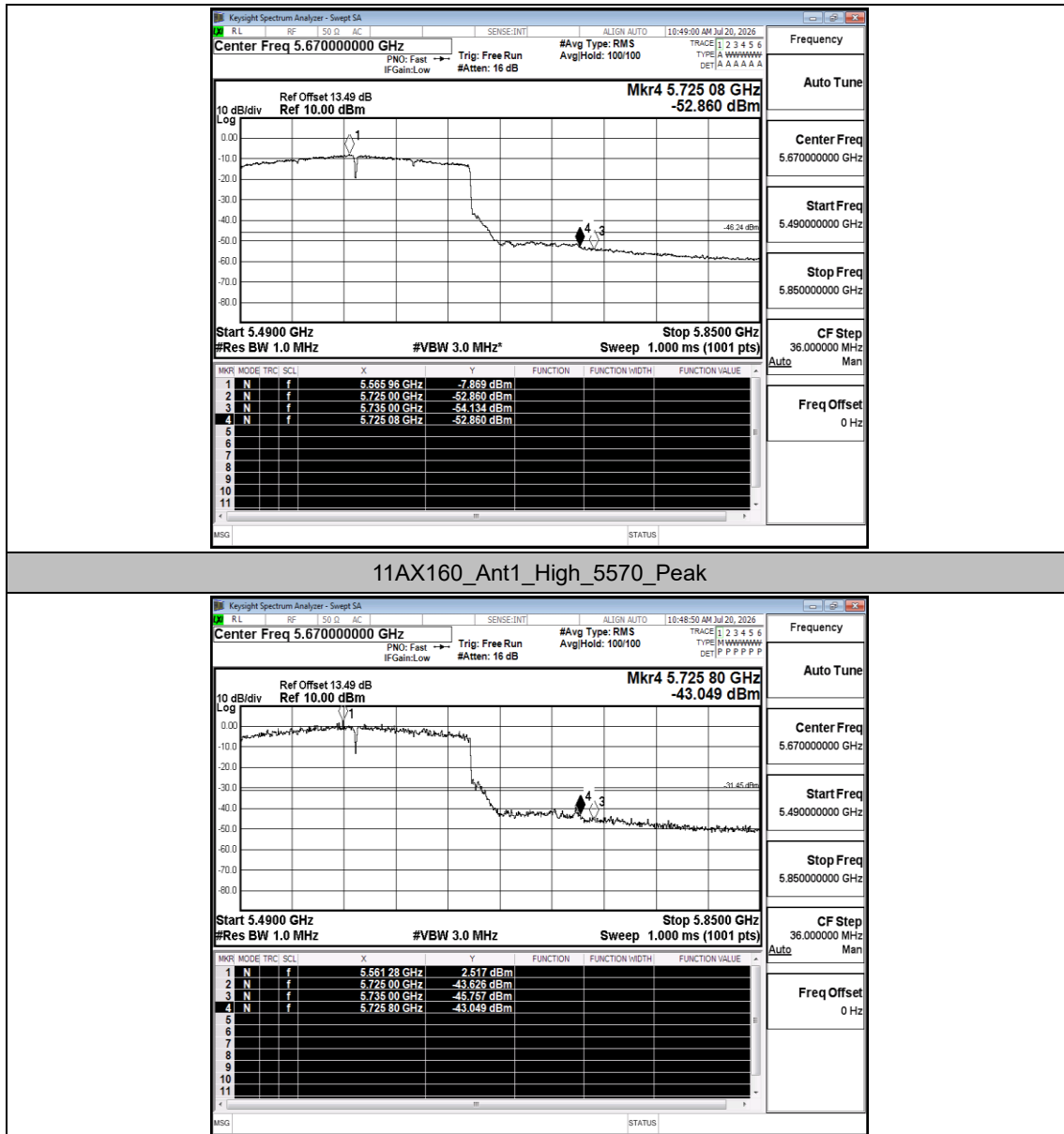


11AX80_Ant1_High_5610_Peak



11AX160_Ant1_Low_5570_AV





F.5 Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Freq (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5500	NV	NT	-60000.00	-10.909091	20	PASS
			LV	NT	-20000.00	-3.636364	20	PASS
			HV	NT	-20000.00	-3.636364	20	PASS
		5580	NV	NT	-40000.00	-7.168459	20	PASS
			LV	NT	-40000.00	-7.168459	20	PASS
			HV	NT	-20000.00	-3.584229	20	PASS
		5700	NV	NT	-60000.00	-10.526316	20	PASS
			LV	NT	-40000.00	-7.017544	20	PASS
			HV	NT	-40000.00	-7.017544	20	PASS
11N20	Ant1	5500	NV	NT	-60000.00	-10.909091	20	PASS
			LV	NT	-40000.00	-7.272727	20	PASS
			HV	NT	-60000.00	-10.909091	20	PASS
		5580	NV	NT	-40000.00	-7.168459	20	PASS
			LV	NT	-20000.00	-3.584229	20	PASS
			HV	NT	-40000.00	-7.168459	20	PASS
		5700	NV	NT	-40000.00	-7.017544	20	PASS
			LV	NT	-40000.00	-7.017544	20	PASS
			HV	NT	-40000.00	-7.017544	20	PASS
11N40	Ant1	5510	NV	NT	-80000.00	-14.519056	20	PASS
			LV	NT	-40000.00	-7.259528	20	PASS
			HV	NT	-80000.00	-14.519056	20	PASS
		5550	NV	NT	-40000.00	-7.207207	20	PASS
			LV	NT	-80000.00	-14.414414	20	PASS
			HV	NT	-40000.00	-7.207207	20	PASS
		5670	NV	NT	-40000.00	-7.054674	20	PASS
			LV	NT	-40000.00	-7.054674	20	PASS
			HV	NT	-40000.00	-7.054674	20	PASS
11AC20	Ant1	5500	NV	NT	-40000.00	-7.272727	20	PASS
			LV	NT	-60000.00	-10.909091	20	PASS
			HV	NT	-60000.00	-10.909091	20	PASS
		5580	NV	NT	-40000.00	-7.168459	20	PASS
			LV	NT	-40000.00	-7.168459	20	PASS
			HV	NT	-40000.00	-7.168459	20	PASS
		5700	NV	NT	40000.00	7.017544	20	PASS

			LV	NT	40000.00	7.017544	20	PASS
			HV	NT	40000.00	7.017544	20	PASS
11AC40	Ant1	5510	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5550	NV	NT	40000.00	7.207207	20	PASS
			LV	NT	80000.00	14.414414	20	PASS
			HV	NT	80000.00	14.414414	20	PASS
		5670	NV	NT	40000.00	7.054674	20	PASS
			LV	NT	40000.00	7.054674	20	PASS
			HV	NT	40000.00	7.054674	20	PASS
11AC80	Ant1	5530	NV	NT	80000.00	14.466546	20	PASS
			LV	NT	80000.00	14.466546	20	PASS
			HV	NT	80000.00	14.466546	20	PASS
		5610	NV	NT	80000.00	14.260250	20	PASS
			LV	NT	80000.00	14.260250	20	PASS
			HV	NT	80000.00	14.260250	20	PASS
11AC160	Ant1	5570	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11AX20	Ant1	5500	NV	NT	60000.00	10.909091	20	PASS
			LV	NT	60000.00	10.909091	20	PASS
			HV	NT	60000.00	10.909091	20	PASS
		5580	NV	NT	60000.00	10.752688	20	PASS
			LV	NT	40000.00	7.168459	20	PASS
			HV	NT	60000.00	10.752688	20	PASS
		5700	NV	NT	40000.00	7.017544	20	PASS
			LV	NT	40000.00	7.017544	20	PASS
			HV	NT	60000.00	10.526316	20	PASS
11AX40	Ant1	5510	NV	NT	40000.00	7.259528	20	PASS
			LV	NT	40000.00	7.259528	20	PASS
			HV	NT	80000.00	14.519056	20	PASS
		5550	NV	NT	40000.00	7.207207	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	40000.00	7.207207	20	PASS
		5670	NV	NT	40000.00	7.054674	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	40000.00	7.054674	20	PASS
11AX80	Ant1	5530	NV	NT	80000.00	14.466546	20	PASS
			LV	NT	80000.00	14.466546	20	PASS
			HV	NT	0.00	0.000000	20	PASS