

Appendix D

RF Test Data for 5.5GWIFI(Conducted Measurement)

Product Name: GNSS Receiver

Test Model: Xbase

Environmental Conditions

Temperature:	24.3°C
Relative Humidity:	56.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Zhang hai
Supervised by:	Fengliu Tang

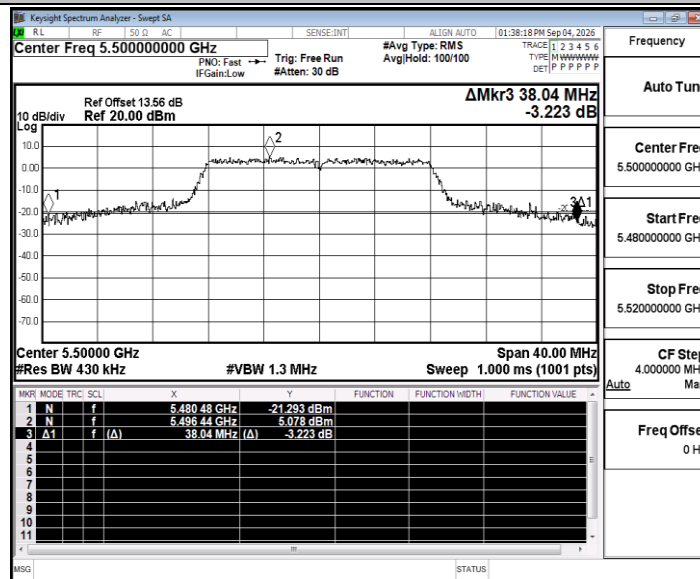
D.1 -26dB Bandwidth

Test Result

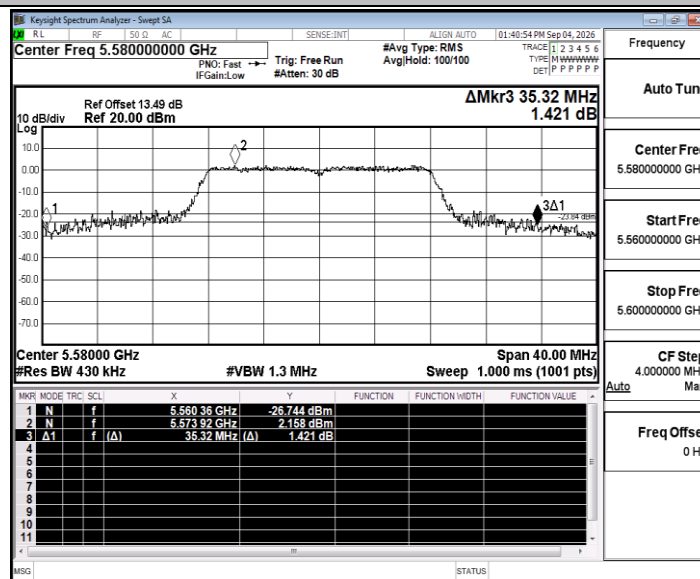
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	38.040	5480.480	5518.520	---	---
		5580	35.320	5560.360	5595.680	---	---
		5700	36.960	5682.760	5719.720	---	---
11N20SISO	Ant1	5500	31.400	5485.440	5516.840	---	---
		5580	35.360	5561.920	5597.280	---	---
		5700	37.160	5681.160	5718.320	---	---
11N40SISO	Ant1	5510	72.880	5475.040	5547.920	---	---
		5550	62.160	5515.120	5577.280	---	---
		5670	77.680	5630.640	5708.320	---	---
11AC20SISO	Ant1	5500	32.880	5481.760	5514.640	---	---
		5580	37.680	5561.880	5599.560	---	---
		5700	37.680	5681.680	5719.360	---	---
11AC40SISO	Ant1	5510	77.440	5470.080	5547.520	---	---
		5550	74.560	5510.400	5584.960	---	---
		5670	75.760	5630.160	5705.920	---	---
11AC80SISO	Ant1	5530	151.360	5451.120	5602.480	---	---
		5610	154.720	5532.400	5687.120	---	---

Test Graphs

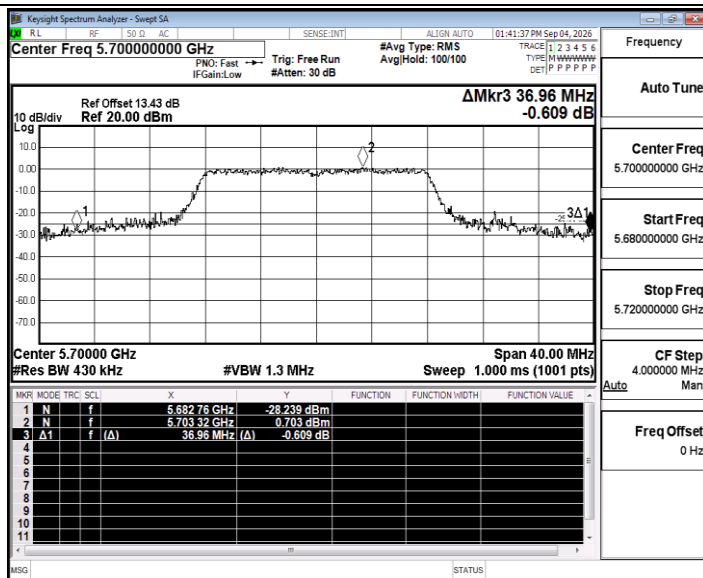
11A_Ant1_5500



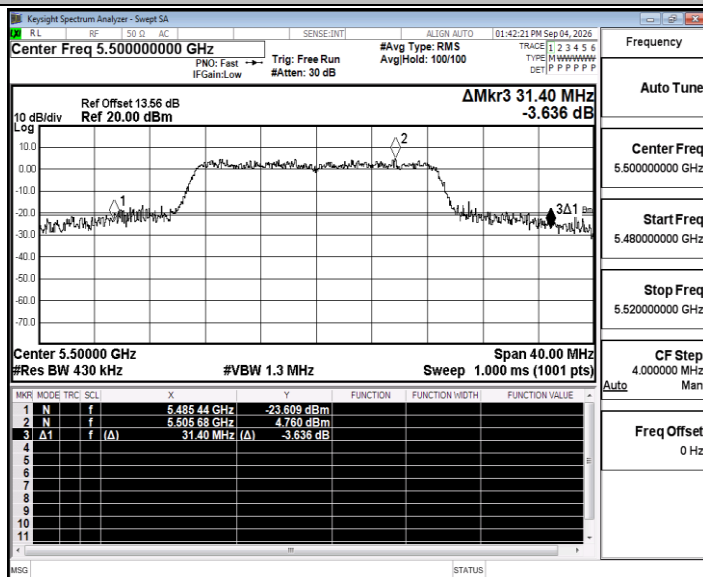
11A_Ant1_5580



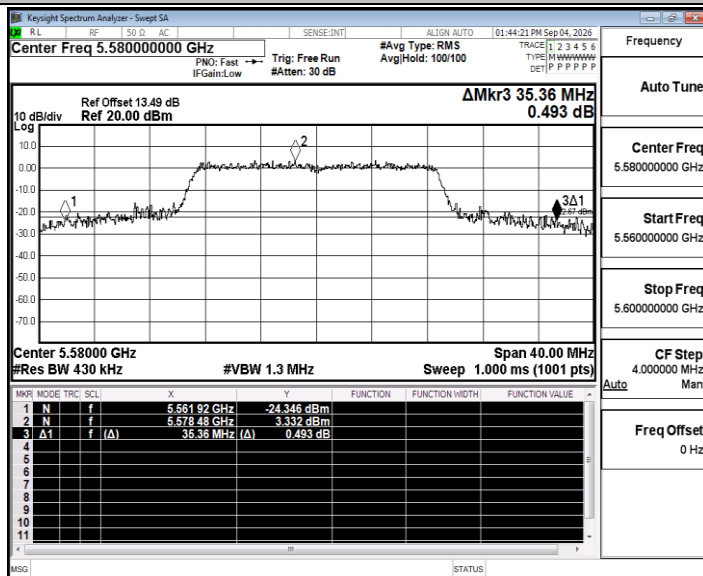
11A_Ant1_5700



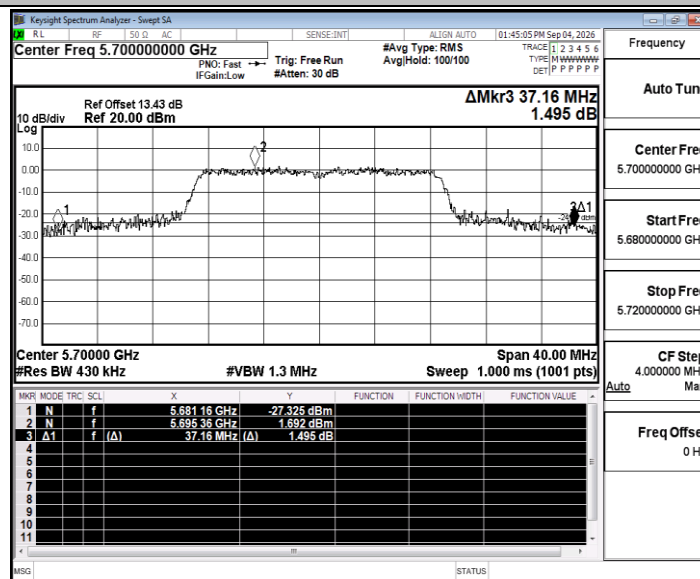
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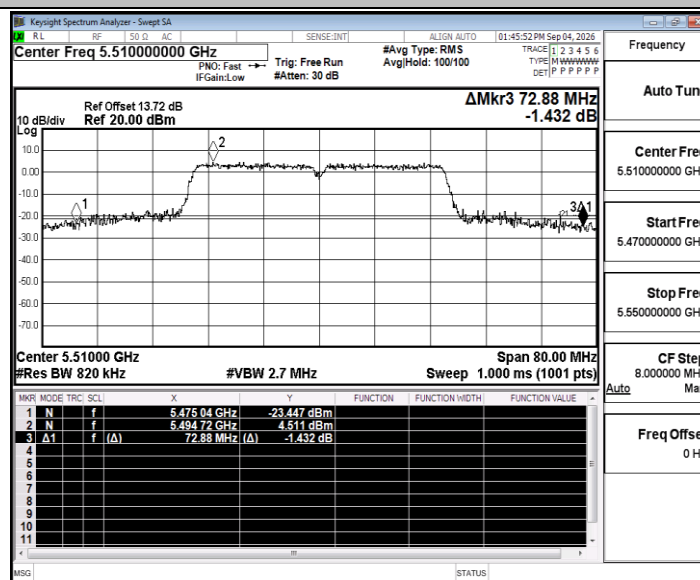
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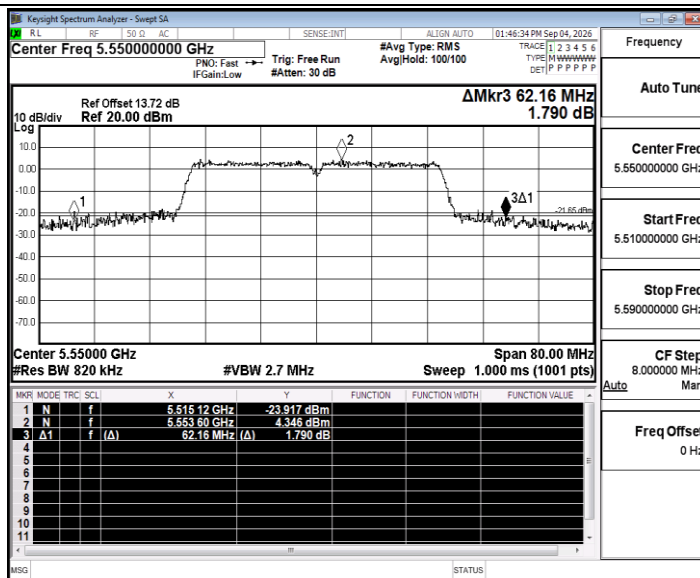
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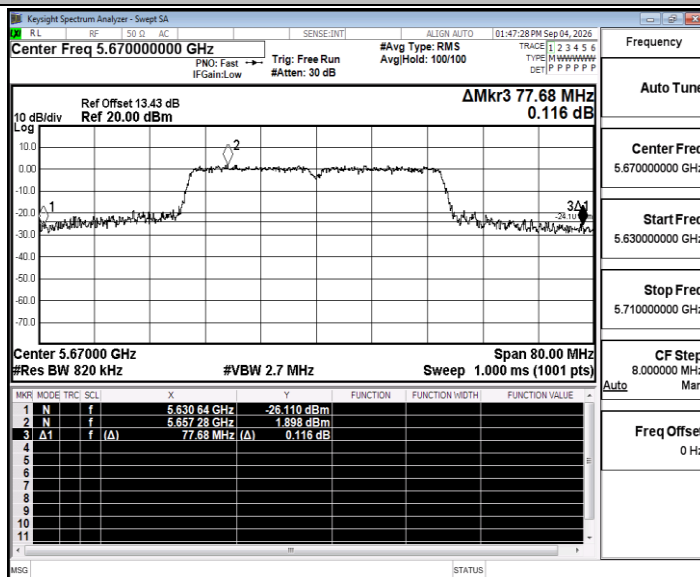
11N40SISO_Ant1_5510



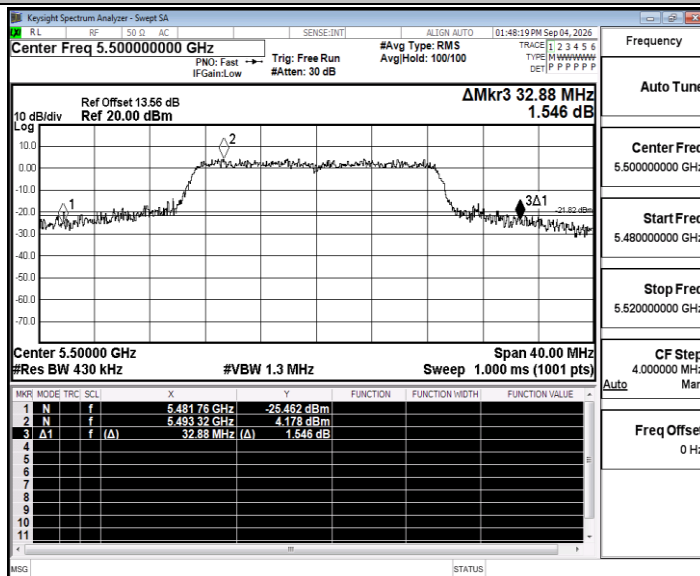
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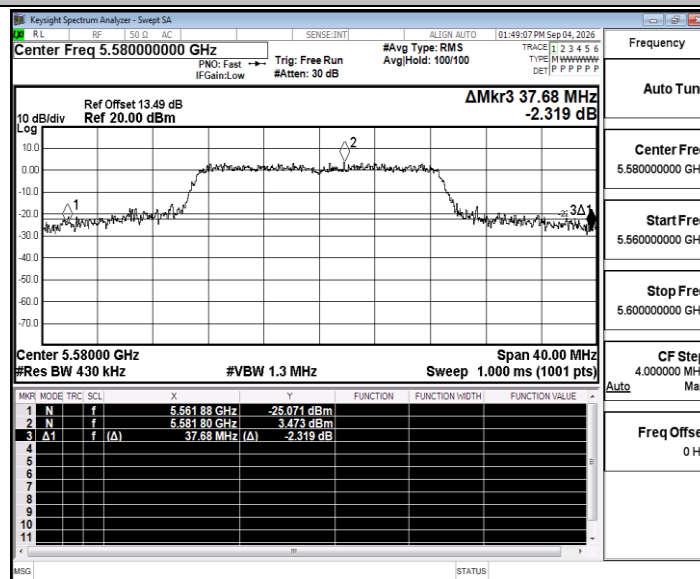
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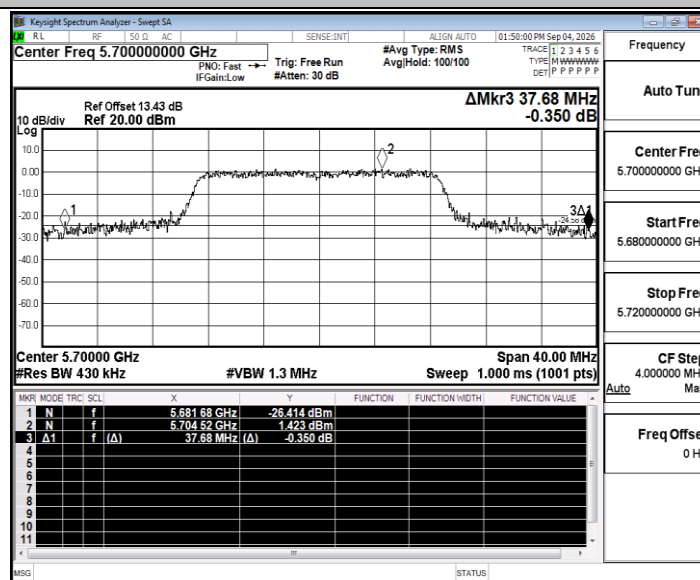
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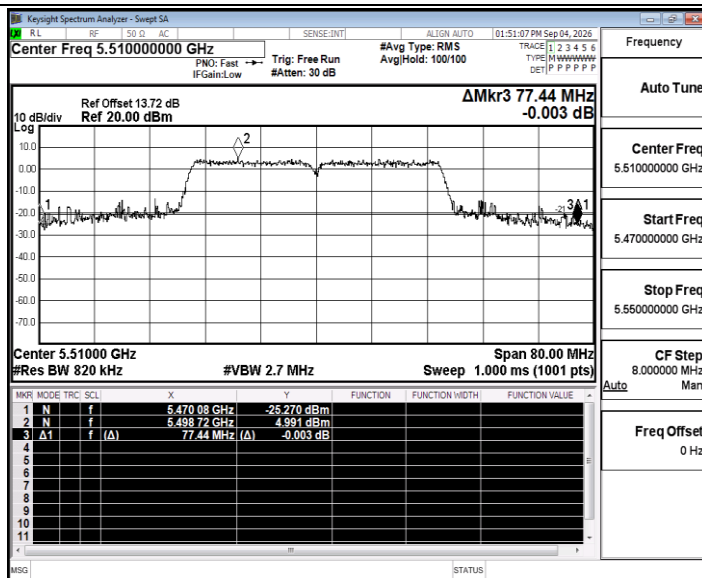
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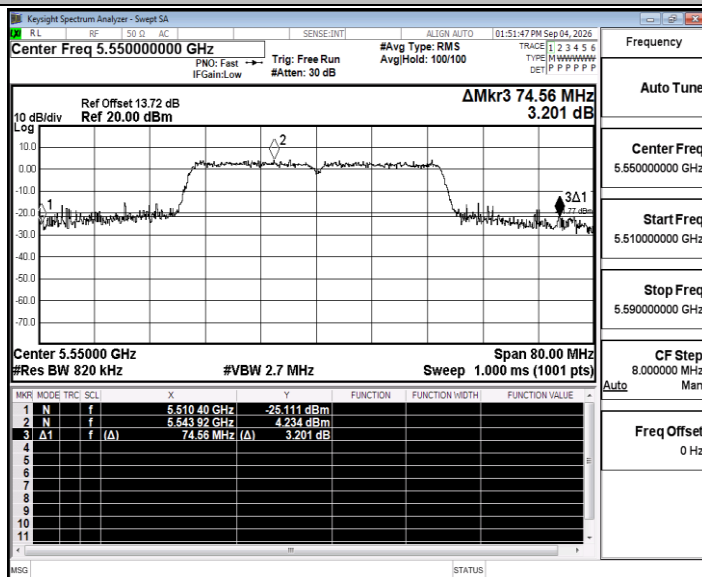
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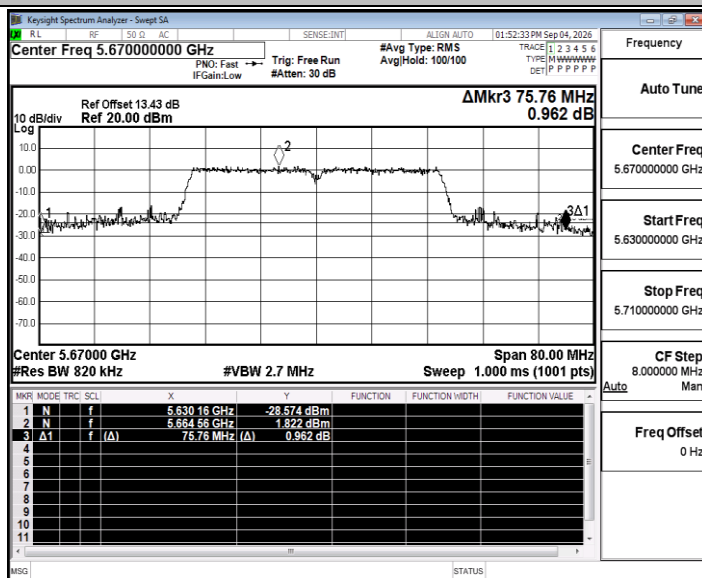
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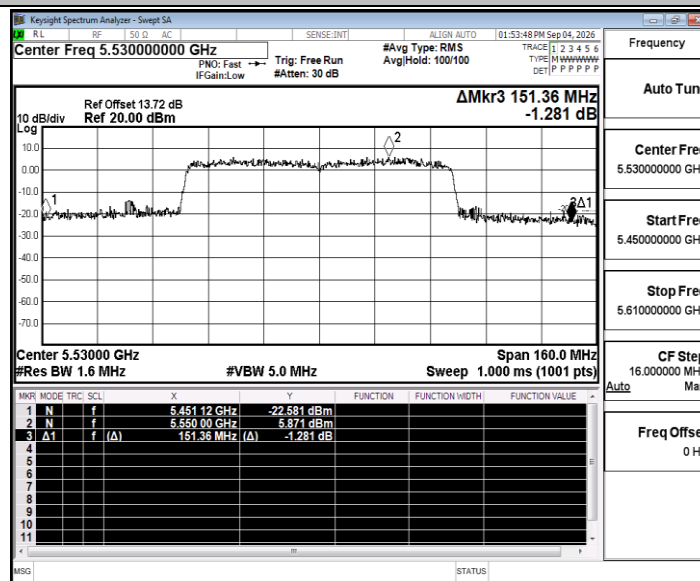
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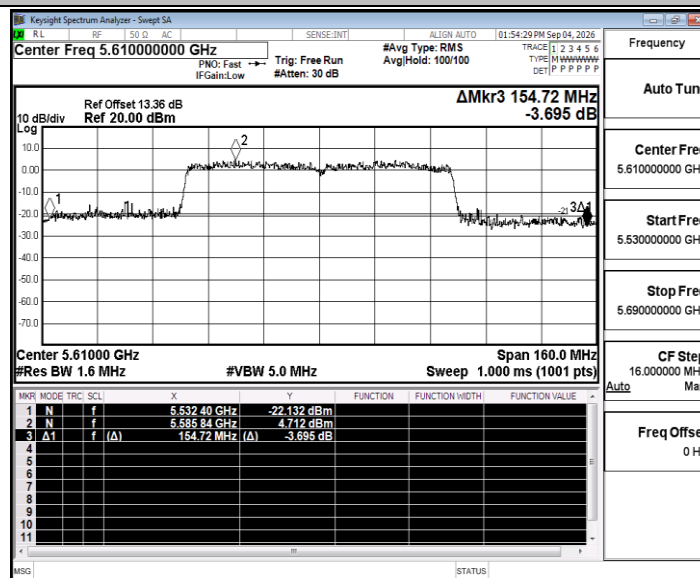
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



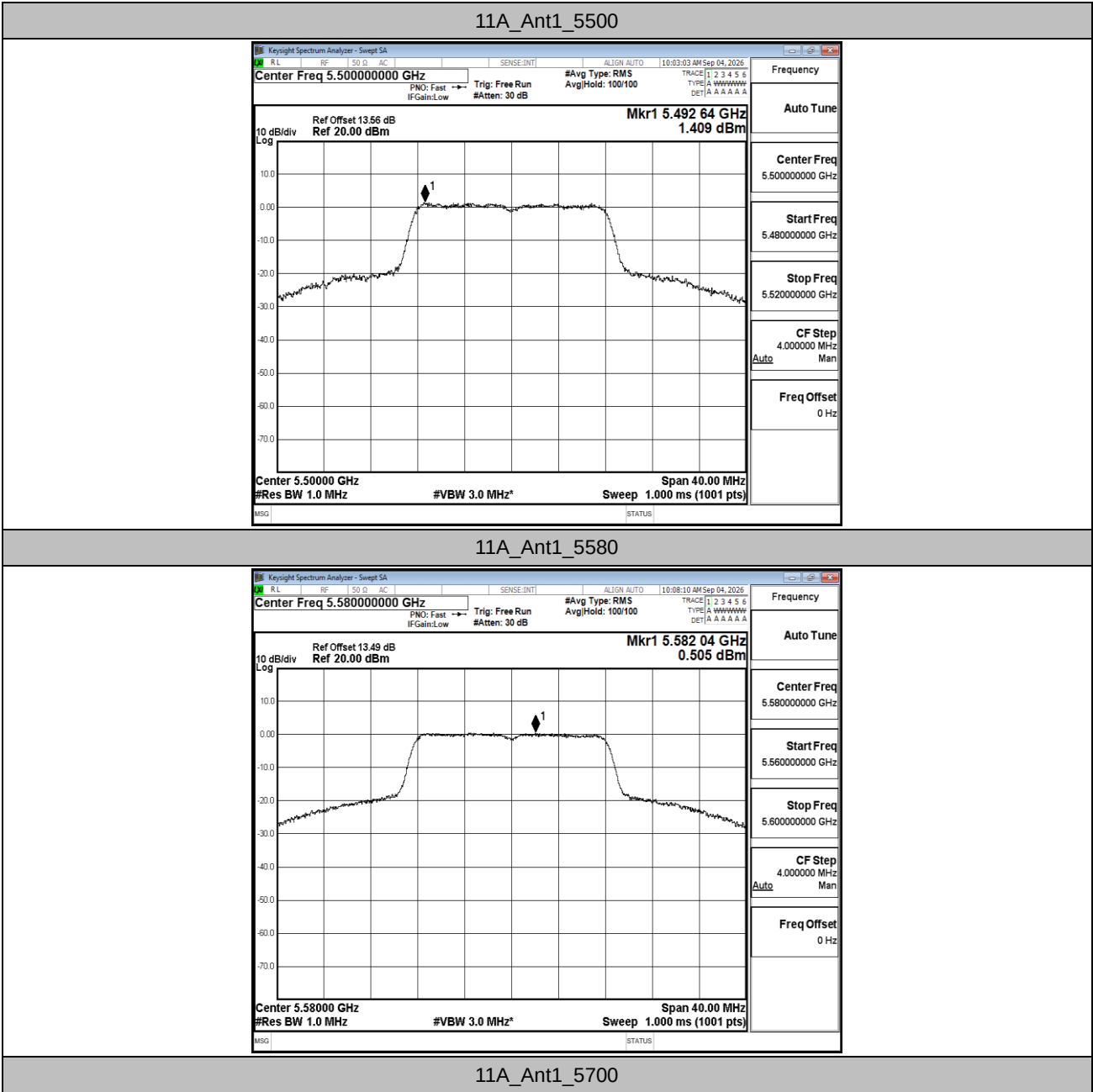
D.2 Maximum Conducted Output Power

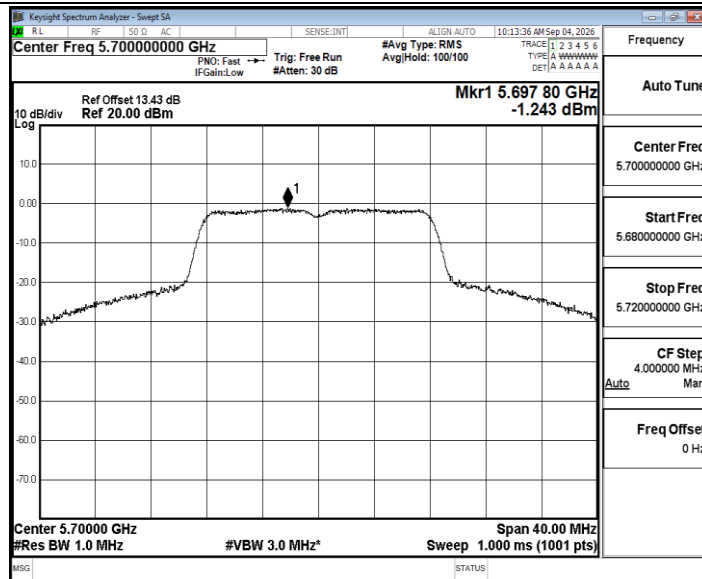
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	a	5500	Ant1	13.53	2.14	15.67	24	Pass
NVNT	a	5580	Ant1	13.13	0.18	13.31	24	Pass
NVNT	a	5700	Ant1	12.18	0.18	12.36	24	Pass
NVNT	n20	5500	Ant1	14.42	0.22	14.64	24	Pass
NVNT	n20	5580	Ant1	13.28	0.22	13.50	24	Pass
NVNT	n20	5700	Ant1	12.33	0.25	12.58	24	Pass
NVNT	n40	5510	Ant1	14.26	0.42	14.68	24	Pass
NVNT	n40	5550	Ant1	13.29	0.42	13.71	24	Pass
NVNT	n40	5670	Ant1	12.20	0.42	12.62	24	Pass
NVNT	ac20	5500	Ant1	14.60	0.21	14.81	24	Pass
NVNT	ac20	5580	Ant1	13.30	0.21	13.51	24	Pass
NVNT	ac20	5700	Ant1	12.30	0.21	12.51	24	Pass
NVNT	ac40	5510	Ant1	14.28	0.42	14.70	24	Pass
NVNT	ac40	5550	Ant1	13.32	0.49	13.81	24	Pass
NVNT	ac40	5670	Ant1	12.25	0.49	12.74	24	Pass
NVNT	ac80	5530	Ant1	13.73	0.94	14.67	24	Pass
NVNT	ac80	5610	Ant1	12.39	0.79	13.18	24	Pass

D.3 Maximum Power Spectral Density Level

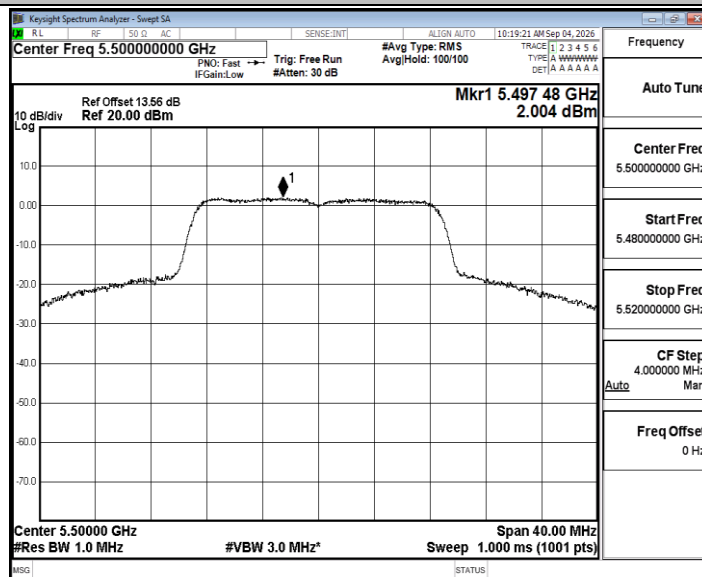
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total Conducted PSD (dBm/MHz)	Limit Conducted(dBm/MHz)	Verdict
NVNT	a	5500	Ant1	1.41	2.14	3.55	11	Pass
NVNT	a	5580	Ant1	0.51	0.18	0.69	11	Pass
NVNT	a	5700	Ant1	-1.24	0.18	-1.06	11	Pass
NVNT	n20	5500	Ant1	2	0.22	2.22	11	Pass
NVNT	n20	5580	Ant1	0.77	0.22	0.99	11	Pass
NVNT	n20	5700	Ant1	-1.2	0.25	-0.95	11	Pass
NVNT	n40	5510	Ant1	-0.77	0.42	-0.35	11	Pass
NVNT	n40	5550	Ant1	-1.01	0.42	-0.59	11	Pass
NVNT	n40	5670	Ant1	-3.96	0.42	-3.54	11	Pass
NVNT	ac20	5500	Ant1	2.11	0.21	2.32	11	Pass
NVNT	ac20	5580	Ant1	0.52	0.21	0.73	11	Pass
NVNT	ac20	5700	Ant1	-1.47	0.21	-1.26	11	Pass
NVNT	ac40	5510	Ant1	-0.64	0.42	-0.22	11	Pass
NVNT	ac40	5550	Ant1	-1.22	0.49	-0.73	11	Pass
NVNT	ac40	5670	Ant1	-3.97	0.49	-3.48	11	Pass
NVNT	ac80	5530	Ant1	-4.01	0.94	-3.07	11	Pass
NVNT	ac80	5610	Ant1	-5.81	0.79	-5.02	11	Pass

Test Graphs

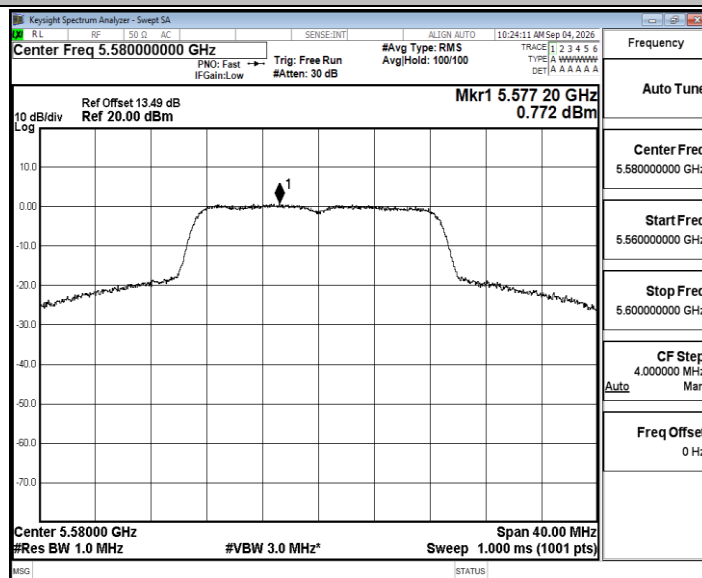




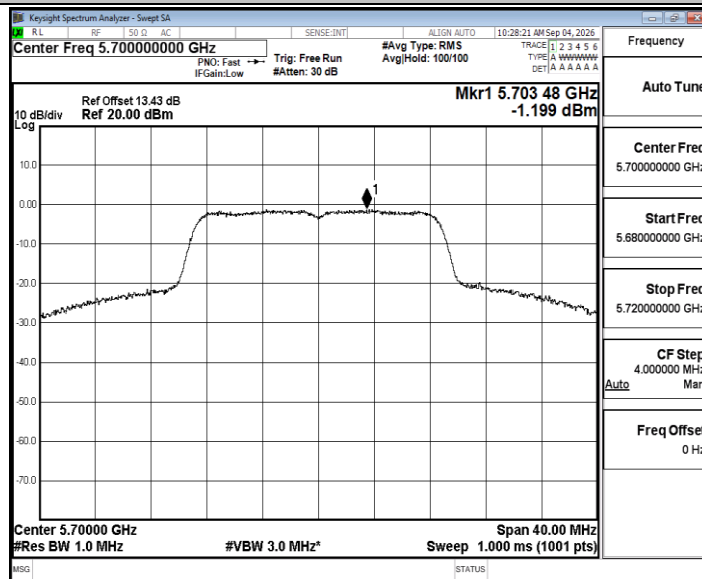
11N20SISO_Ant1_5500



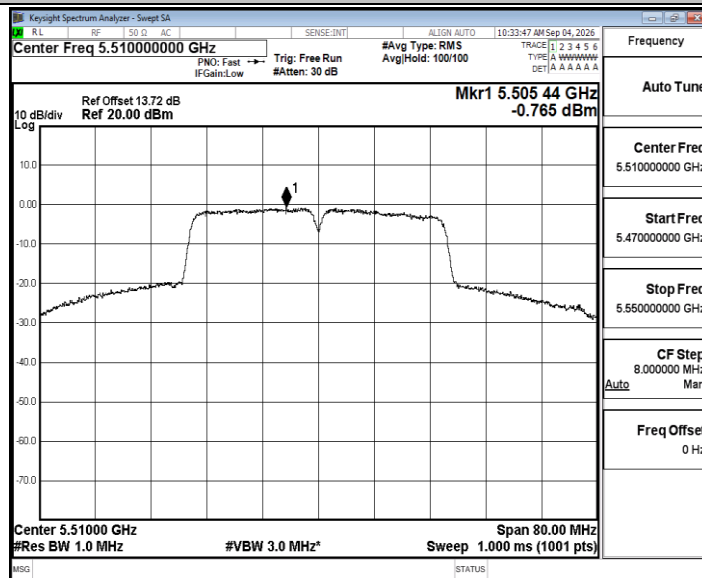
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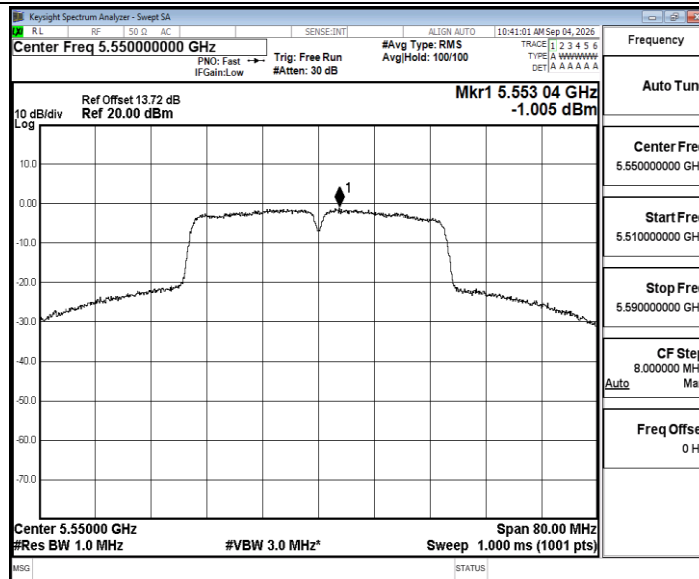
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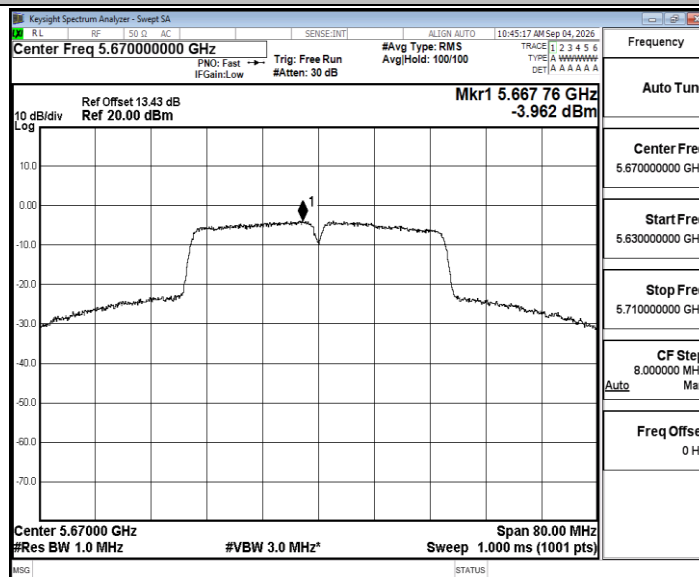
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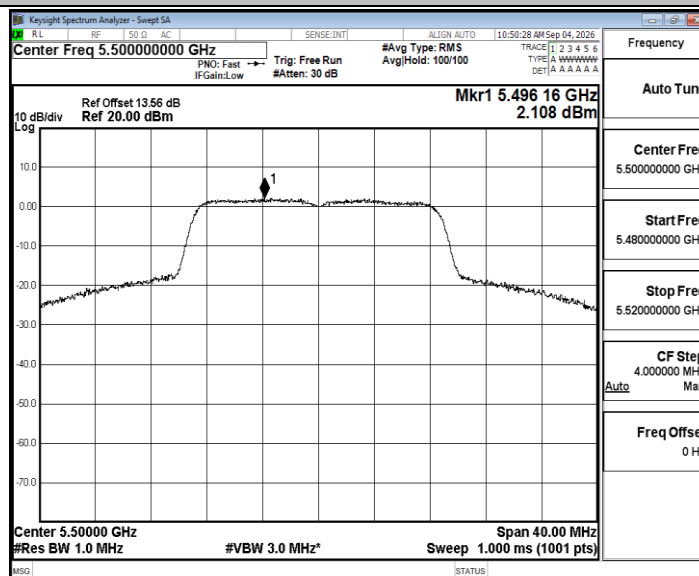
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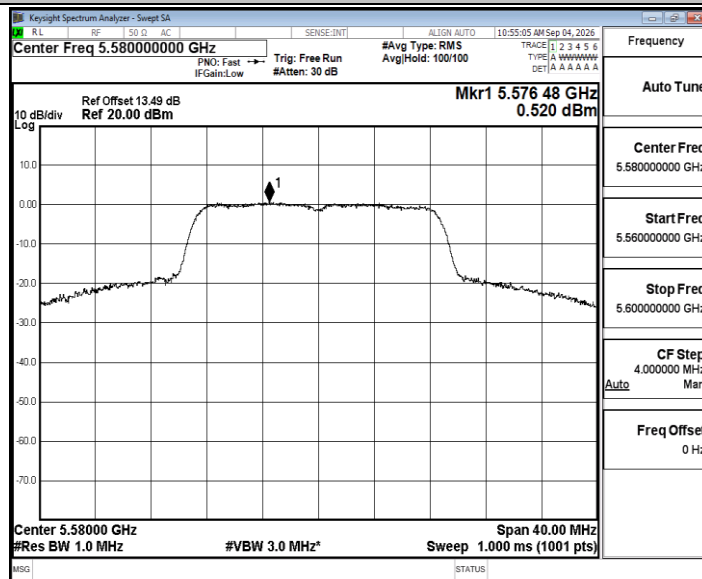
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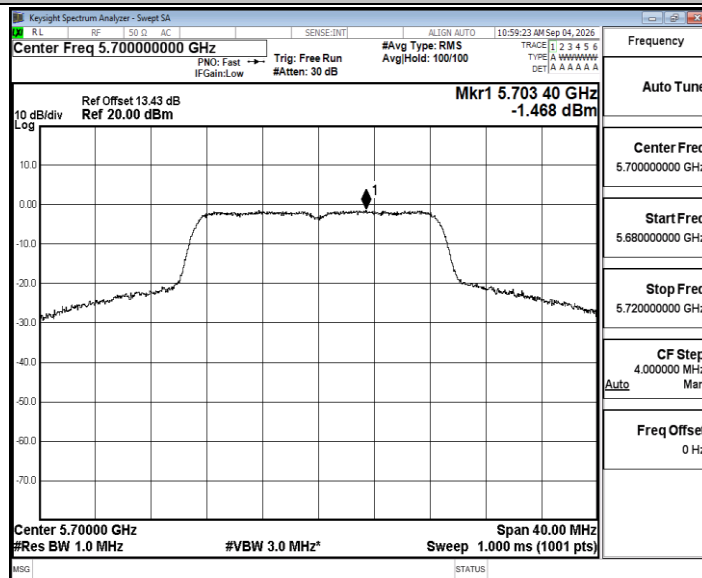
11AC20SISO_Ant1_5500



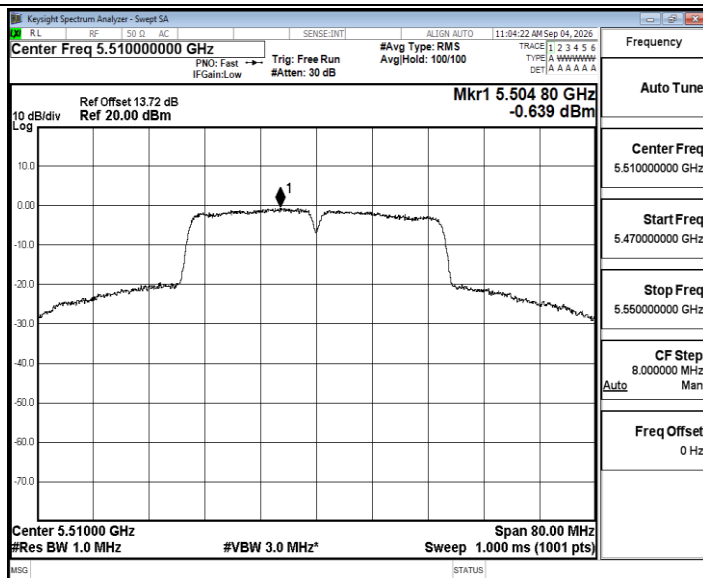
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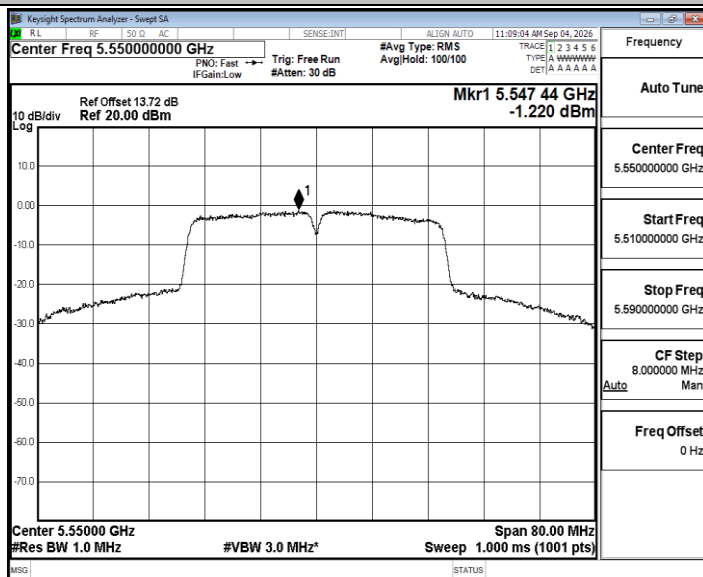
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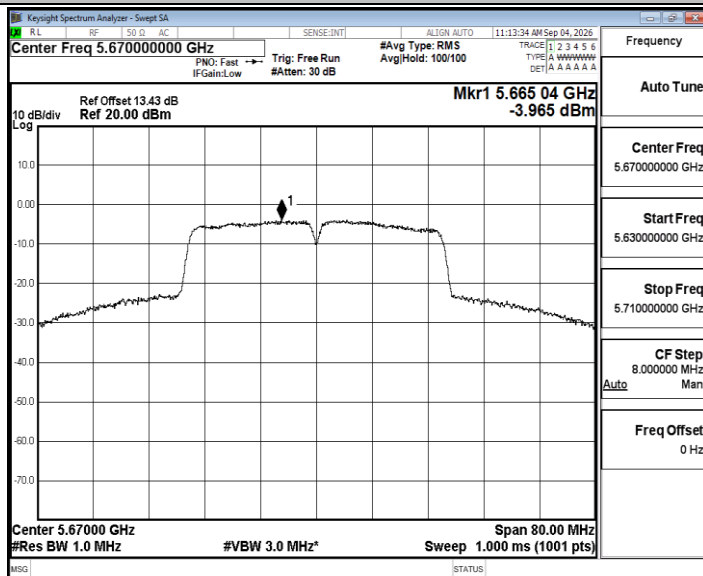
11AC40SISO_Ant1_5510



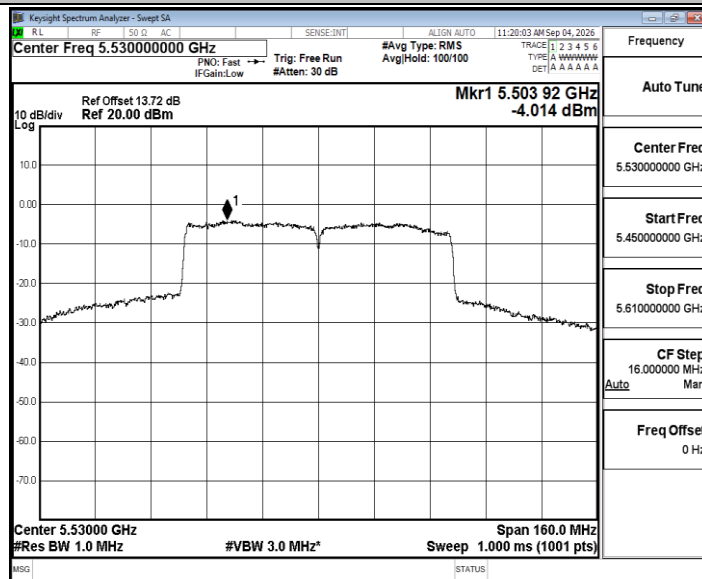
11AC40SISO_Ant1_5550



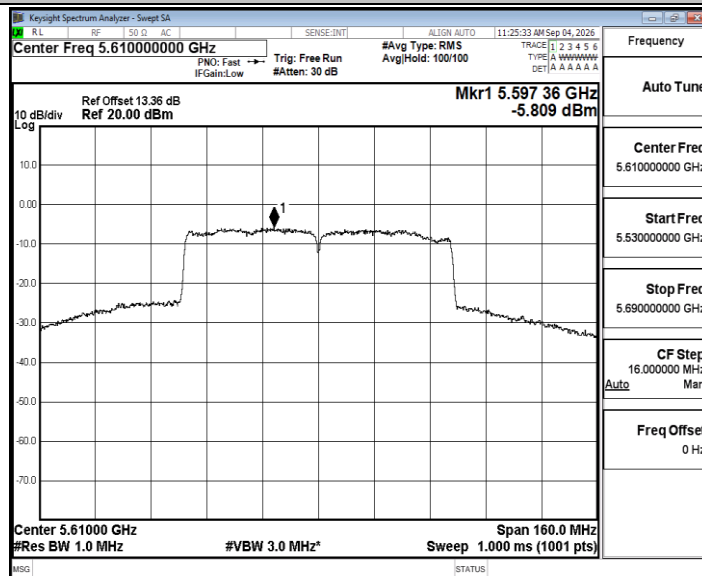
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



D.4 Restrict Band

Test Result

Test Mode	Antenna	Channel Name	Freq (MHz)	Detect or	Freq [MHz]	Result [dBm]	Gain [dBi]	DC Factor [dB]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	Low	5500	AV	5350.000	-57.09	2.3	2.14	42.58	≤54	PASS
				AV	5459.810	-47.45	2.3	2.14	52.22	≤54	PASS
				AV	5460.000	-47.26	2.3	2.14	52.41	≤54	PASS
				Peak	5350.000	-48.53	2.3	0	49.00	≤68.2	PASS
				Peak	5451.200	-35.89	2.3	0	61.64	≤68.2	PASS
				Peak	5460.000	-34.82	2.3	0	62.71	≤68.2	PASS
		High	5700	AV	5725.000	-49.42	2.3	0.18	48.29	≤54	PASS
				AV	5725.340	-49.18	2.3	0.18	48.53	≤54	PASS
				AV	5735.000	-55.08	2.3	0.18	42.63	≤54	PASS
				Peak	5725.000	-37.26	2.3	0	60.27	≤68.2	PASS
				Peak	5727.240	-35.85	2.3	0	61.68	≤68.2	PASS
				Peak	5735.000	-46.09	2.3	0	51.44	≤68.2	PASS
11N20 SISO	Ant1	Low	5500	AV	5350.000	-56.86	2.3	0.22	40.89	≤54	PASS
				AV	5458.970	-52.47	2.3	0.22	45.28	≤54	PASS
				AV	5460.000	-52.45	2.3	0.22	45.30	≤54	PASS
				Peak	5350.000	-49.86	2.3	0	47.67	≤68.2	PASS
				Peak	5458.550	-40.01	2.3	0	57.52	≤68.2	PASS
				Peak	5460.000	-40.81	2.3	0	56.72	≤68.2	PASS
		High	5700	AV	5725.000	-48.29	2.3	0.25	49.49	≤54	PASS
				AV	5725.340	-48.15	2.3	0.25	49.63	≤54	PASS
				AV	5735.000	-54.38	2.3	0.25	43.40	≤54	PASS
				Peak	5725.000	-37.01	2.3	0	60.52	≤68.2	PASS
				Peak	5725.150	-32.75	2.3	0	64.78	≤68.2	PASS
				Peak	5735.000	-46.74	2.3	0	50.79	≤68.2	PASS
11N40 SISO	Ant1	Low	5510	AV	5350.000	-56.63	2.3	0.42	41.32	≤54	PASS
				AV	5459.280	-44.8	2.3	0.42	53.15	≤54	PASS
				AV	5460.000	-45.37	2.3	0.42	52.58	≤54	PASS
				Peak	5350.000	-48.48	2.3	0	49.05	≤68.2	PASS
				Peak	5459.280	-32.72	2.3	0	64.81	≤68.2	PASS
				Peak	5460.000	-34.3	2.3	0	63.23	≤68.2	PASS
		High	5670	AV	5725.000	-54.2	2.3	0.42	43.75	≤54	PASS
				AV	5726.360	-53.93	2.3	0.42	44.02	≤54	PASS
				AV	5735.000	-55.54	2.3	0.42	42.41	≤54	PASS
				Peak	5725.000	-45.94	2.3	0	51.59	≤68.2	PASS
				Peak	5727.970	-42.68	2.3	0	54.85	≤68.2	PASS
				Peak	5735.000	-47.38	2.3	0	50.15	≤68.2	PASS

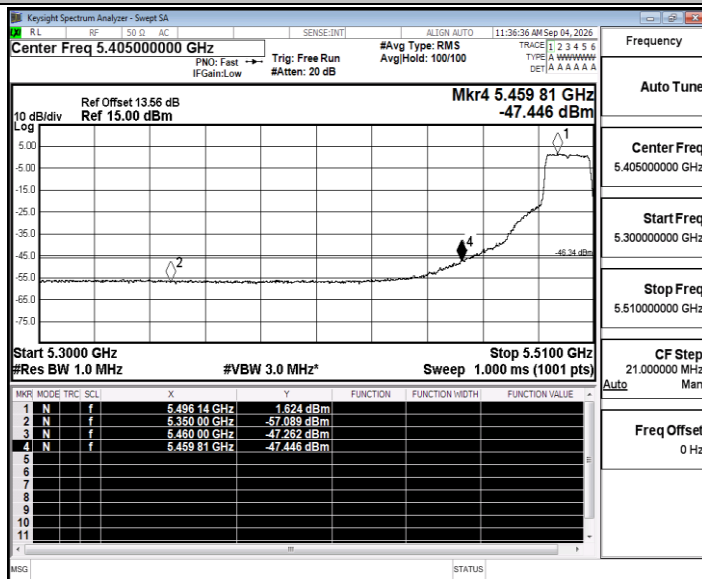
11AC 20SIS O	Ant1	Low	5500	AV	5350.000	-57.13	2.3	0.21	40.61	≤54	PASS
				AV	5459.810	-52.12	2.3	0.21	45.62	≤54	PASS
				AV	5460.000	-52.91	2.3	0.21	44.83	≤54	PASS
				Peak	5350.000	-48.47	2.3	0	49.06	≤68.2	PASS
				Peak	5459.180	-42.09	2.3	0	55.44	≤68.2	PASS
				Peak	5460.000	-41.54	2.3	0	55.99	≤68.2	PASS
		High	5700	AV	5725.000	-48.03	2.3	0.21	49.71	≤54	PASS
				AV	5725.150	-48.69	2.3	0.21	49.05	≤54	PASS
				AV	5735.000	-54.67	2.3	0.21	43.07	≤54	PASS
				Peak	5725.000	-37.35	2.3	0	60.18	≤68.2	PASS
				Peak	5726.100	-34.98	2.3	0	62.55	≤68.2	PASS
				Peak	5735.000	-41.74	2.3	0	55.79	≤68.2	PASS
11AC 40SIS O	Ant1	Low	5510	AV	5350.000	-56.42	2.3	0.42	41.53	≤54	PASS
				AV	5458.180	-45.14	2.3	0.42	52.81	≤54	PASS
				AV	5460.000	-45.69	2.3	0.42	52.26	≤54	PASS
				Peak	5350.000	-48.61	2.3	0	48.92	≤68.2	PASS
				Peak	5458.180	-33.64	2.3	0	63.89	≤68.2	PASS
				Peak	5460.000	-36.38	2.3	0	61.15	≤68.2	PASS
		High	5670	AV	5725.000	-54.15	2.3	0.49	43.87	≤54	PASS
				AV	5727.970	-54.03	2.3	0.49	43.99	≤54	PASS
				AV	5735.000	-55.51	2.3	0.49	42.51	≤54	PASS
				Peak	5725.000	-47.34	2.3	0	50.19	≤68.2	PASS
				Peak	5728.200	-44.48	2.3	0	53.05	≤68.2	PASS
				Peak	5735.000	-48.35	2.3	0	49.18	≤68.2	PASS
11AC 80SIS O	Ant1	Low	5530	AV	5350.000	-56.62	2.3	0.94	41.85	≤54	PASS
				AV	5446.160	-48.74	2.3	0.94	49.73	≤54	PASS
				AV	5460.000	-49.9	2.3	0.94	48.57	≤54	PASS
				Peak	5350.000	-48.2	2.3	0	49.33	≤68.2	PASS
				Peak	5443.360	-38.3	2.3	0	59.23	≤68.2	PASS
				Peak	5460.000	-41.47	2.3	0	56.06	≤68.2	PASS
		High	5610	AV	5725.000	-56.36	2.3	0.79	41.96	≤54	PASS
				AV	5727.210	-55.24	2.3	0.79	43.08	≤54	PASS
				AV	5735.000	-56.42	2.3	0.79	41.90	≤54	PASS
				Peak	5725.000	-46.98	2.3	0	50.55	≤68.2	PASS
				Peak	5732.820	-46.14	2.3	0	51.39	≤68.2	PASS
				Peak	5735.000	-48.64	2.3	0	48.89	≤68.2	PASS

Note:

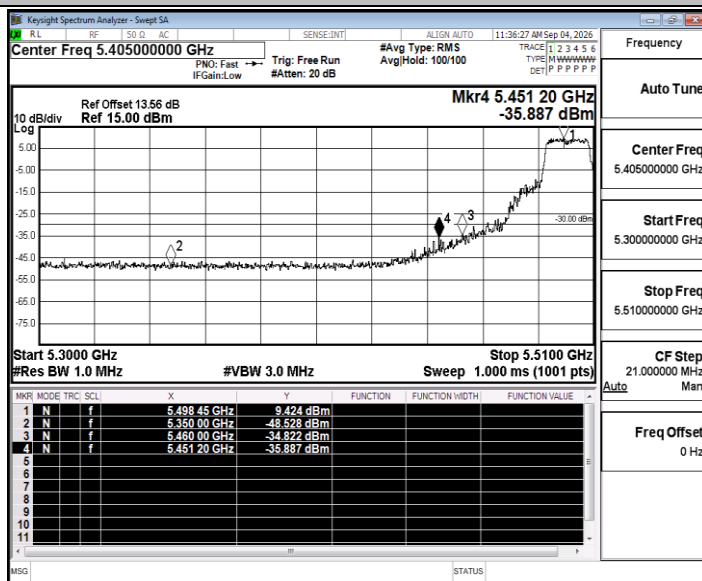
1. The Antenna Gain is compensated in the graph.

Test Graphs

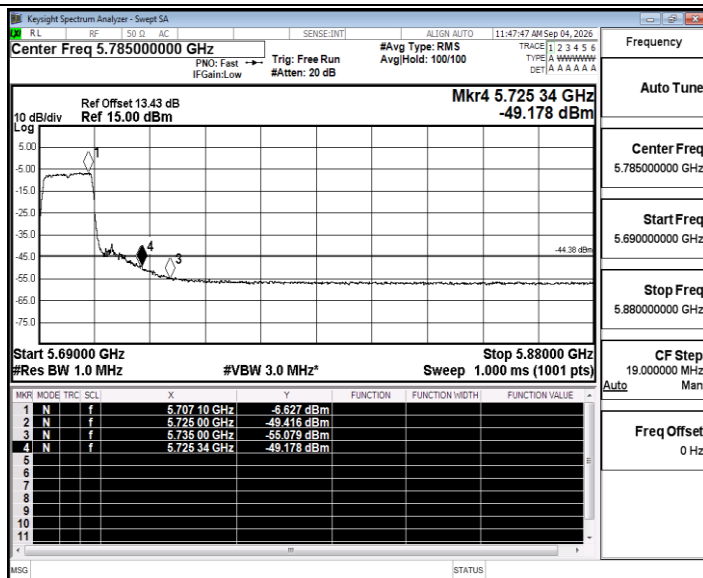
11A_Ant1_Low_5500_AV



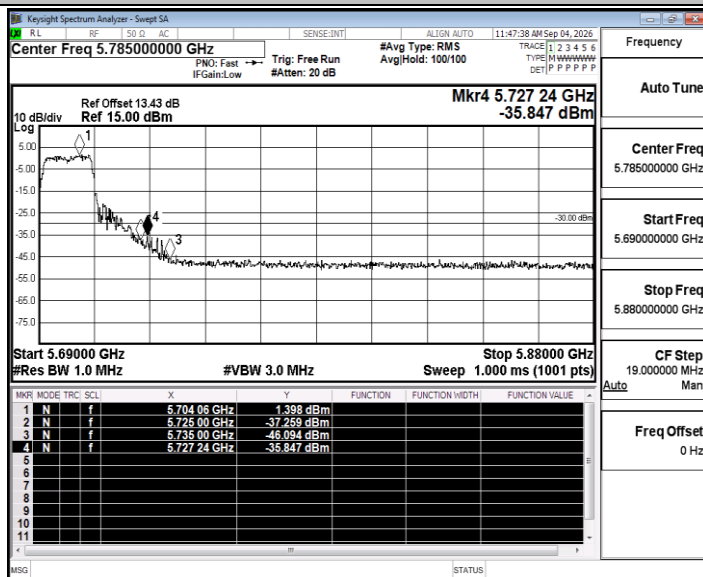
11A_Ant1_Low_5500_Peak



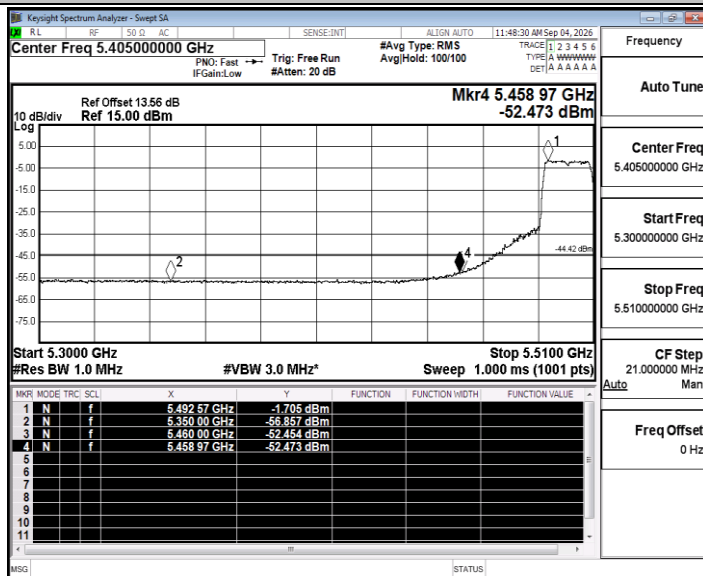
11A_Ant1_High_5700_AV



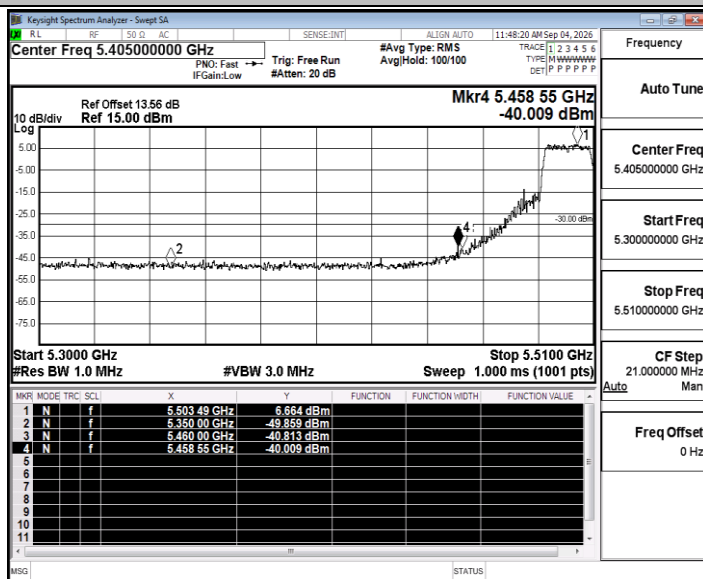
11A_Ant1_High_5700_Peak



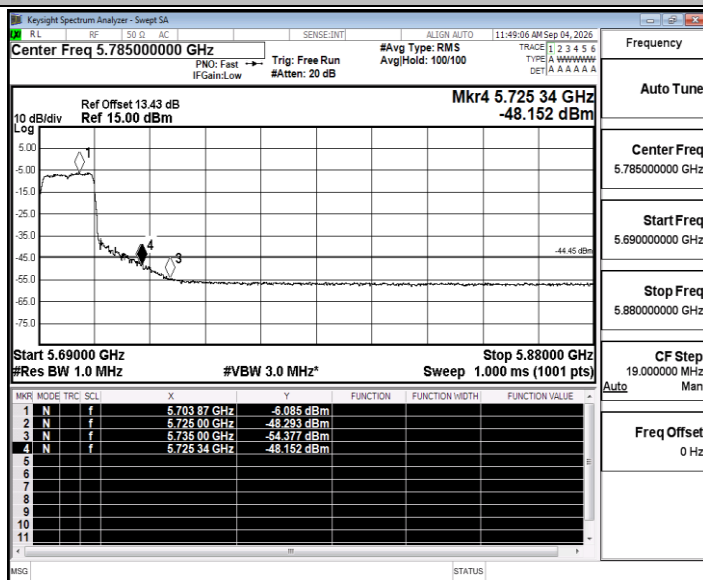
11N20SISO_Ant1_Low_5500_AV



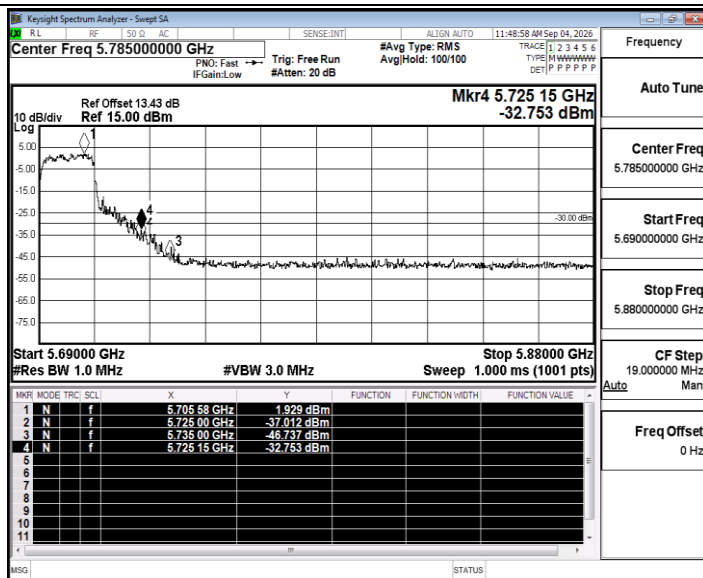
11N20SISO_Ant1_Low_5500_Peak



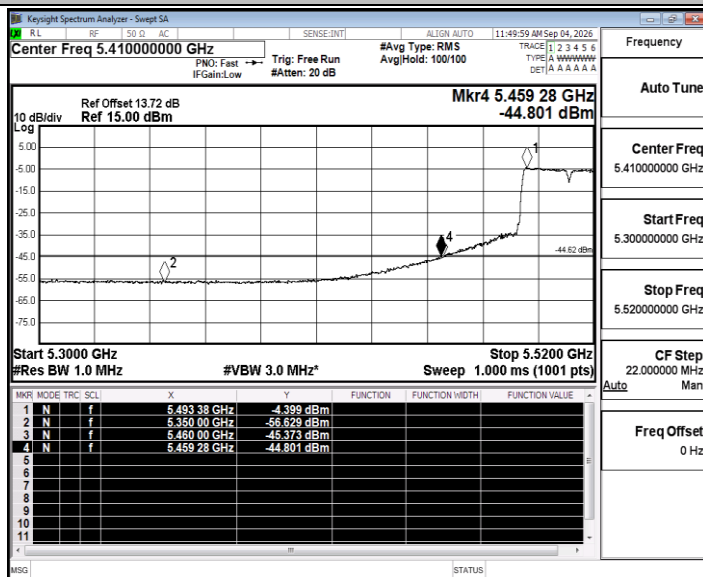
11N20SISO_Ant1_High_5700_AV



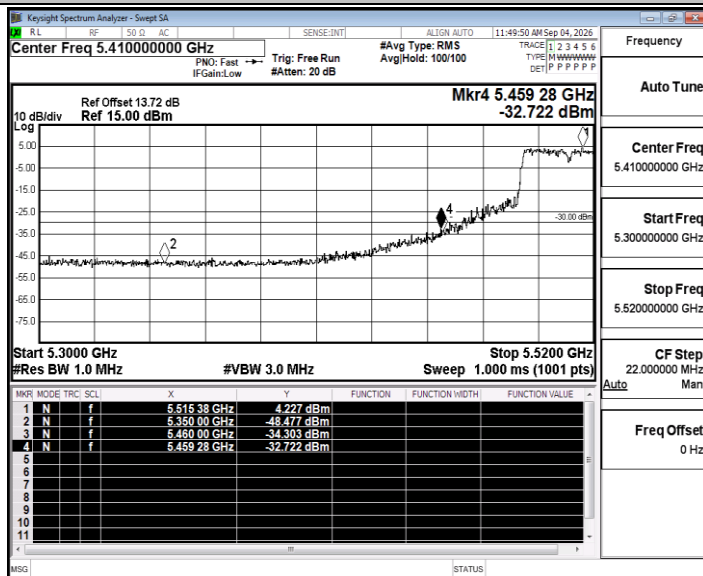
11N20SISO_Ant1_High_5700_Peak



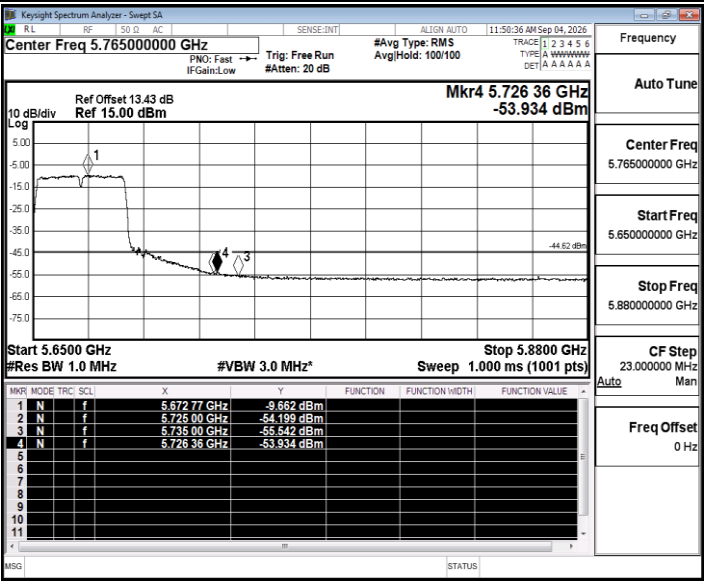
11N40SISO_Ant1_Low_5510_AV



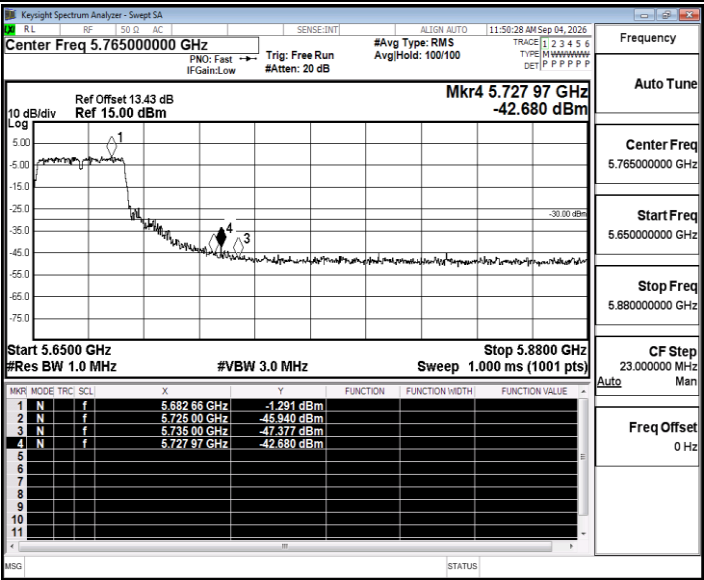
11N40SISO_Ant1_Low_5510_Peak



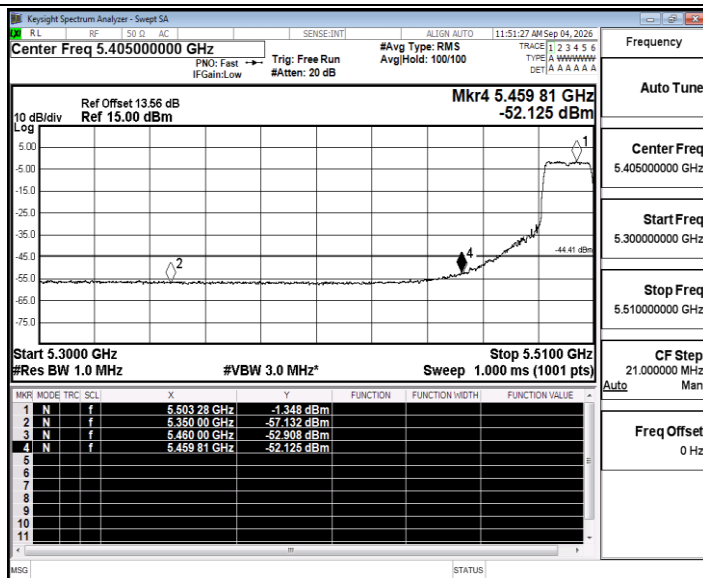
11N40SISO_Ant1_High_5670_AV



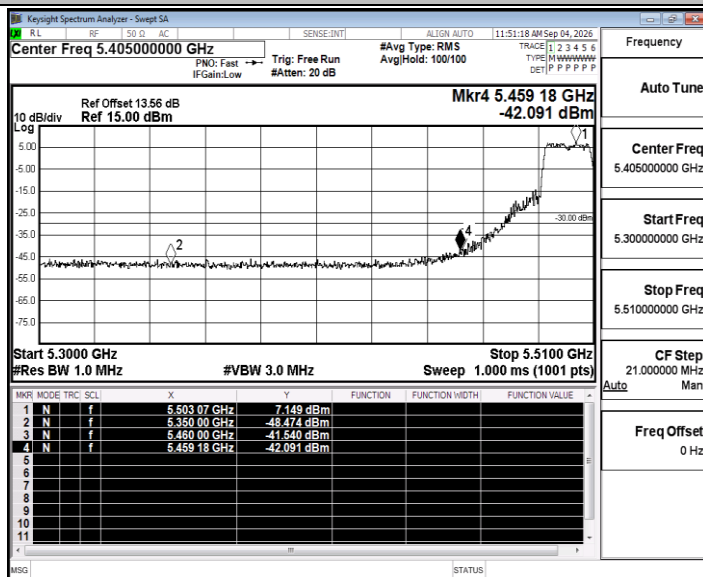
11N40SISO_Ant1_High_5670_Peak



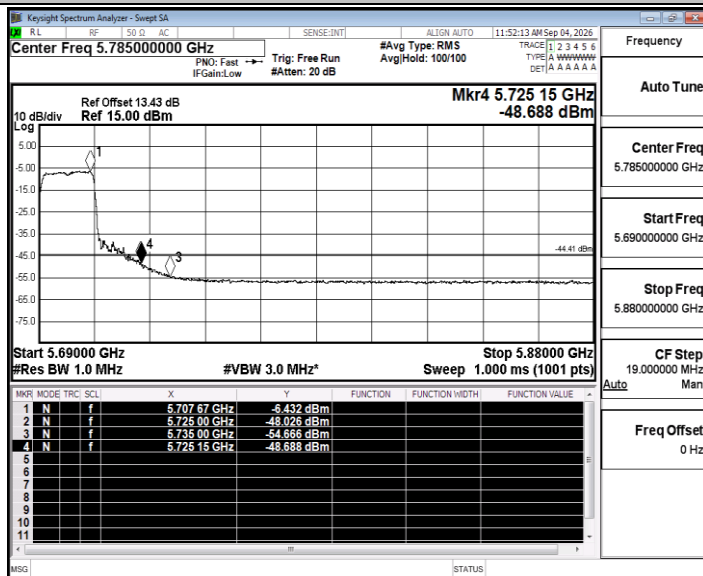
11AC20SISO_Ant1_Low_5500_AV



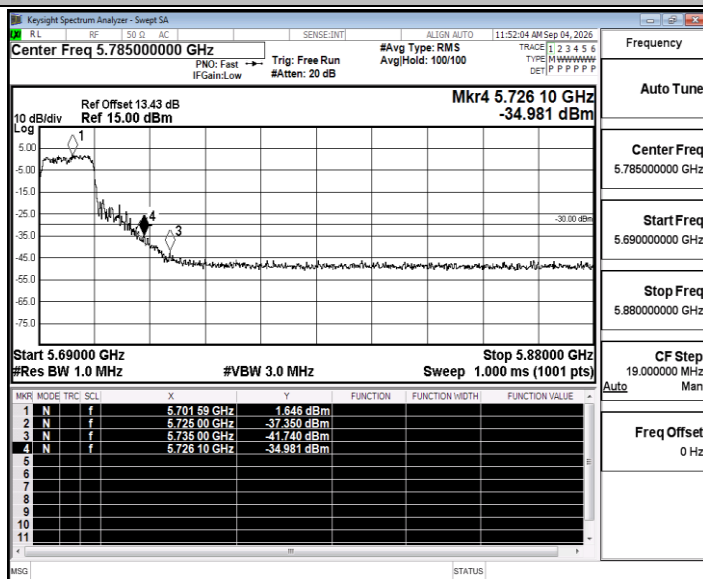
11AC20SISO_Ant1_Low_5500_Peak



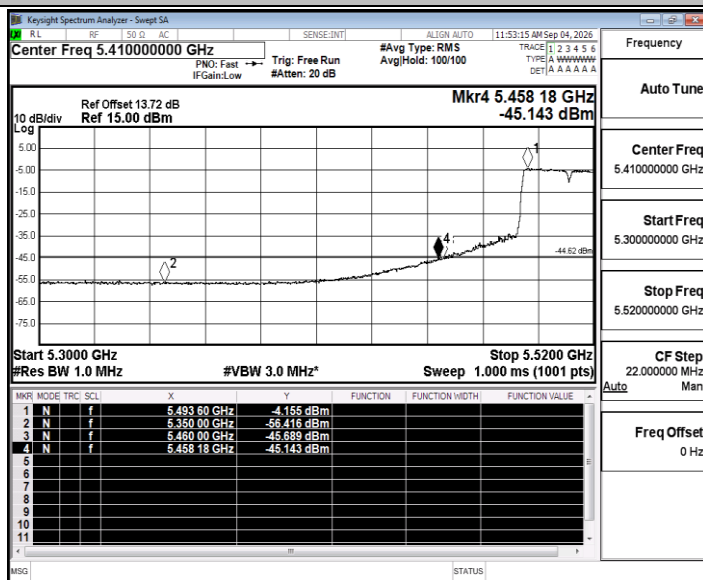
11AC20SISO_Ant1_High_5700_AV



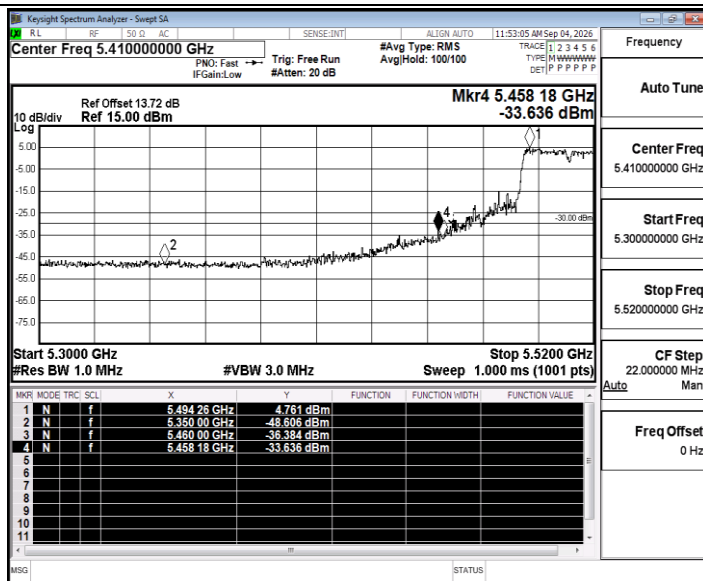
11AC20SISO_Ant1_High_5700_Peak



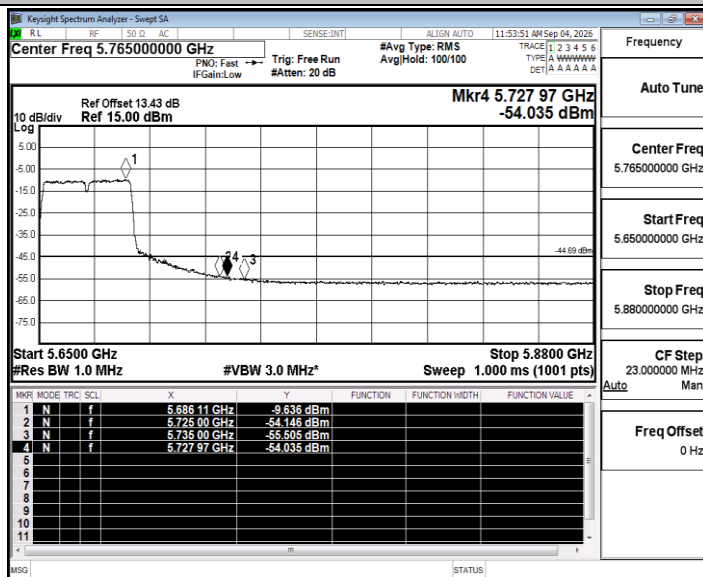
11AC40SISO_Ant1_Low_5510_AV



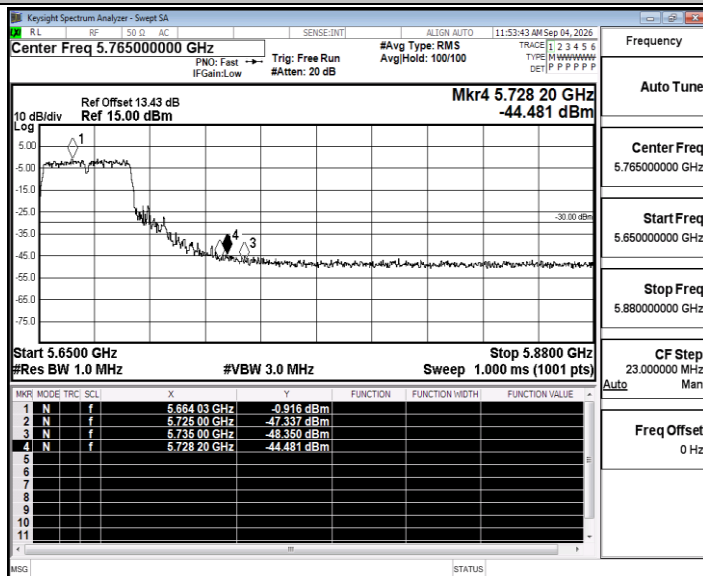
11AC40SISO_Ant1_Low_5510_Peak



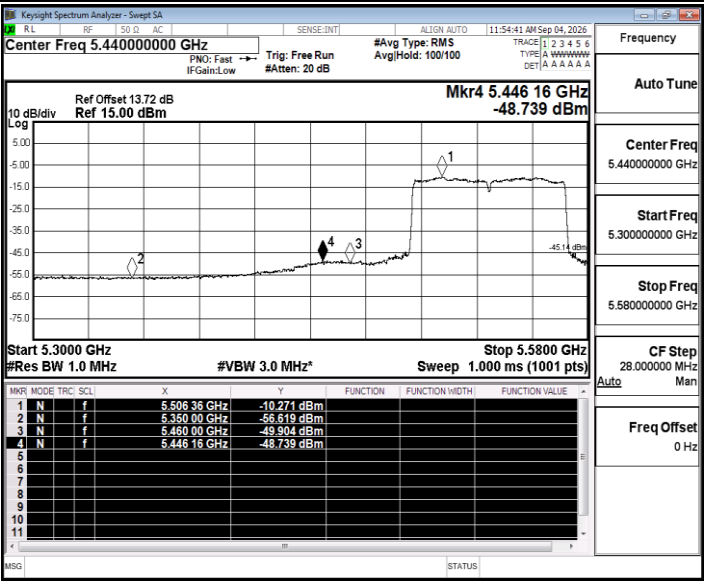
11AC40SISO_Ant1_High_5670_AV



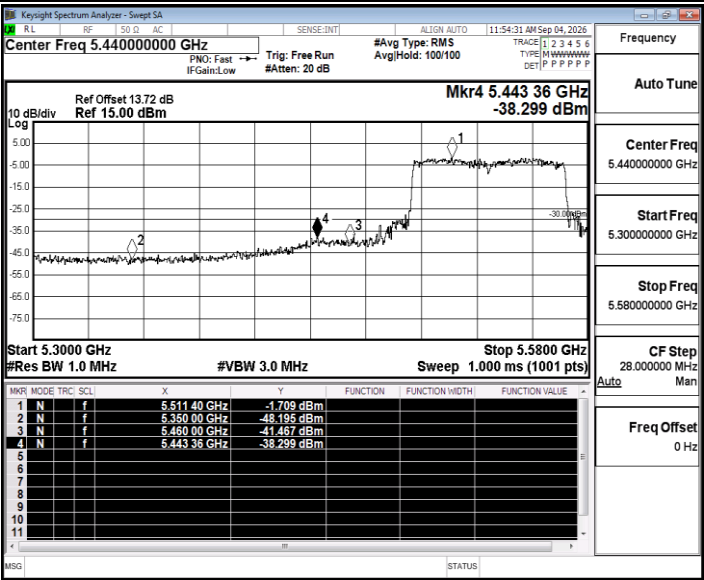
11AC40SISO_Ant1_High_5670_Peak



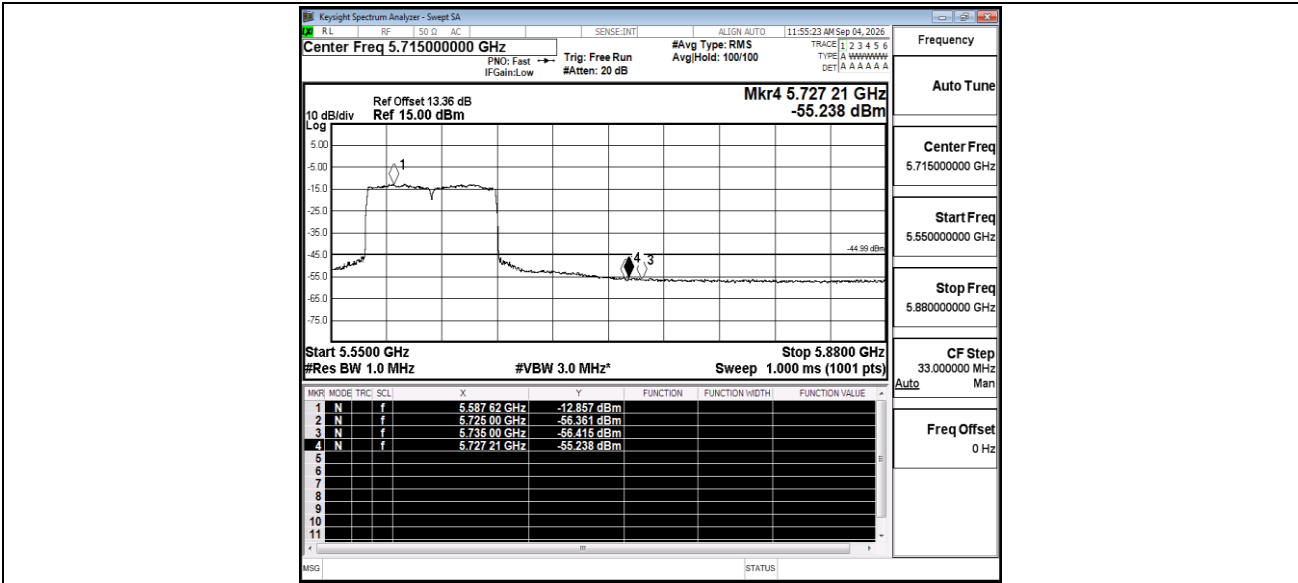
11AC80SISO_Ant1_Low_5530_AV



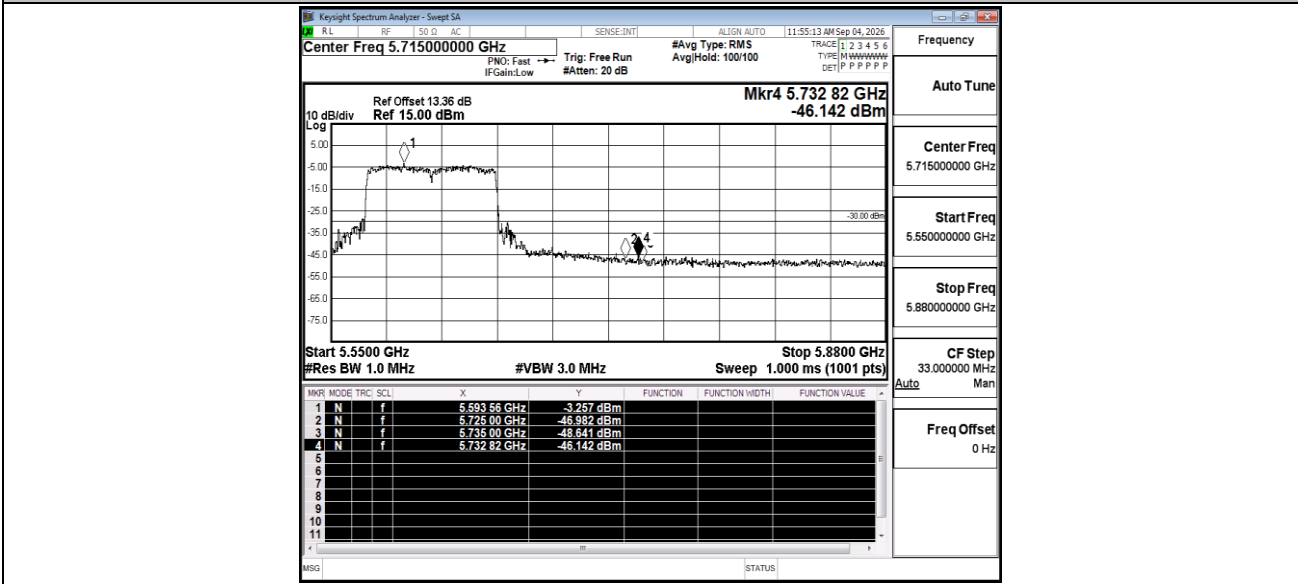
11AC80SISO_Ant1_Low_5530_Peak



11AC80SISO_Ant1_High_5610_AV



11AC80SISO_Ant1_High_5610_Peak



D.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	-20000.00	-3.636364	20	PASS
			LV	NT	-40000.00	-7.272727	20	PASS
			HV	NT	-20000.00	-3.636364	20	PASS
		5580	NV	NT	-20000.00	-3.584229	20	PASS
			LV	NT	-20000.00	-3.584229	20	PASS
			HV	NT	-20000.00	-3.584229	20	PASS
		5700	NV	NT	-20000.00	-3.508772	20	PASS
			LV	NT	-40000.00	-7.017544	20	PASS
			HV	NT	-40000.00	-7.017544	20	PASS
11N20SISO	Ant1	5500	NV	NT	-40000.00	-7.272727	20	PASS
			LV	NT	-40000.00	-7.272727	20	PASS
			HV	NT	-40000.00	-7.272727	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	-20000.00	-3.508772	20	PASS
			LV	NT	-40000.00	-7.017544	20	PASS
			HV	NT	-40000.00	-7.017544	20	PASS
11N40SISO	Ant1	5510	NV	NT	-40000.00	-7.259528	20	PASS
			LV	NT	-40000.00	-7.259528	20	PASS
			HV	NT	-40000.00	-7.259528	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	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5500	NV	NT	-40000.00	-7.272727	20	PASS
			LV	NT	-60000.00	-10.909091	20	PASS
			HV	NT	-40000.00	-7.272727	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	-20000.00	-3.508772	20	PASS

11AC40SIS O	Ant1	5510	NV	NT	-80000.00	-14.519056	20	PASS
			LV	NT	-40000.00	-7.259528	20	PASS
			HV	NT	-40000.00	-7.259528	20	PASS
		5550	NV	NT	-40000.00	-7.207207	20	PASS
			LV	NT	-40000.00	-7.207207	20	PASS
			HV	NT	-40000.00	-7.207207	20	PASS
		5670	NV	NT	-80000.00	-14.109347	20	PASS
			LV	NT	-40000.00	-7.054674	20	PASS
			HV	NT	-40000.00	-7.054674	20	PASS
11AC80SIS O	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
		5610	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS

Temperature								
TestMode	Antenna	Freq(MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5500	NV	-30	-20000.00	-3.636364	20	PASS
			NV	-20	-40000.00	-7.272727	20	PASS
			NV	-10	-40000.00	-7.272727	20	PASS
			NV	0	-20000.00	-3.636364	20	PASS
			NV	10	-20000.00	-3.636364	20	PASS
			NV	20	-40000.00	-7.272727	20	PASS
			NV	30	-20000.00	-3.636364	20	PASS
			NV	40	-20000.00	-3.636364	20	PASS
			NV	50	-40000.00	-7.272727	20	PASS
		5580	NV	-30	-20000.00	-3.584229	20	PASS
			NV	-20	-20000.00	-3.584229	20	PASS
			NV	-10	-40000.00	-7.168459	20	PASS
			NV	0	-40000.00	-7.168459	20	PASS
			NV	10	-20000.00	-3.584229	20	PASS
			NV	20	-40000.00	-7.168459	20	PASS
			NV	30	-40000.00	-7.168459	20	PASS
			NV	40	-40000.00	-7.168459	20	PASS
			NV	50	-40000.00	-7.168459	20	PASS
		5700	NV	-30	-40000.00	-7.017544	20	PASS
			NV	-20	-20000.00	-3.508772	20	PASS
			NV	-10	-40000.00	-7.017544	20	PASS
			NV	0	-40000.00	-7.017544	20	PASS
			NV	10	-40000.00	-7.017544	20	PASS
			NV	20	-40000.00	-7.017544	20	PASS

			NV	30	-40000.00	-7.017544	20	PASS
			NV	40	-20000.00	-3.508772	20	PASS
			NV	50	-40000.00	-7.017544	20	PASS
11N20SISO	Ant1	5500	NV	-30	-40000.00	-7.272727	20	PASS
			NV	-20	-20000.00	-3.636364	20	PASS
			NV	-10	-60000.00	-10.909091	20	PASS
			NV	0	-40000.00	-7.272727	20	PASS
			NV	10	-40000.00	-7.272727	20	PASS
			NV	20	-40000.00	-7.272727	20	PASS
			NV	30	-60000.00	-10.909091	20	PASS
			NV	40	-20000.00	-3.636364	20	PASS
			NV	50	-40000.00	-7.272727	20	PASS
		5580	NV	-30	-60000.00	-10.752688	20	PASS
			NV	-20	-40000.00	-7.168459	20	PASS
			NV	-10	-20000.00	-3.584229	20	PASS
			NV	0	-20000.00	-3.584229	20	PASS
			NV	10	-60000.00	-10.752688	20	PASS
			NV	20	-40000.00	-7.168459	20	PASS
			NV	30	-40000.00	-7.168459	20	PASS
			NV	40	-40000.00	-7.168459	20	PASS
			NV	50	-40000.00	-7.168459	20	PASS
		5700	NV	-30	-40000.00	-7.017544	20	PASS
			NV	-20	-40000.00	-7.017544	20	PASS
			NV	-10	-40000.00	-7.017544	20	PASS
			NV	0	-40000.00	-7.017544	20	PASS
			NV	10	-40000.00	-7.017544	20	PASS
			NV	20	-40000.00	-7.017544	20	PASS
			NV	30	-20000.00	-3.508772	20	PASS
			NV	40	-40000.00	-7.017544	20	PASS
			NV	50	-40000.00	-7.017544	20	PASS
11N40SISO	Ant1	5510	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.00	-7.259528	20	PASS
			NV	-10	-40000.00	-7.259528	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.00	-7.259528	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5550	NV	-30	-40000.00	-7.207207	20	PASS
			NV	-20	-40000.00	-7.207207	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-80000.00	-14.414414	20	PASS

			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.207207	20	PASS
			NV	30	-40000.00	-7.207207	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-7.207207	20	PASS
		5670	NV	-30	-40000.00	-7.054674	20	PASS
			NV	-20	-40000.00	-7.054674	20	PASS
			NV	-10	-40000.00	-7.054674	20	PASS
			NV	0	-40000.00	-7.054674	20	PASS
			NV	10	-40000.00	-7.054674	20	PASS
			NV	20	-40000.00	-7.054674	20	PASS
			NV	30	-80000.00	-14.109347	20	PASS
			NV	40	-40000.00	-7.054674	20	PASS
			NV	50	0.00	0.000000	20	PASS
11AC20SIS O	Ant1	5500	NV	-30	-20000.00	-3.636364	20	PASS
			NV	-20	-40000.00	-7.272727	20	PASS
			NV	-10	-40000.00	-7.272727	20	PASS
			NV	0	-40000.00	-7.272727	20	PASS
			NV	10	-40000.00	-7.272727	20	PASS
			NV	20	-40000.00	-7.272727	20	PASS
			NV	30	-60000.00	-10.909091	20	PASS
			NV	40	-40000.00	-7.272727	20	PASS
			NV	50	-20000.00	-3.636364	20	PASS
		5580	NV	-30	-40000.00	-7.168459	20	PASS
			NV	-20	-40000.00	-7.168459	20	PASS
			NV	-10	-40000.00	-7.168459	20	PASS
			NV	0	-40000.00	-7.168459	20	PASS
			NV	10	-40000.00	-7.168459	20	PASS
			NV	20	-40000.00	-7.168459	20	PASS
			NV	30	-20000.00	-3.584229	20	PASS
			NV	40	-40000.00	-7.168459	20	PASS
			NV	50	-40000.00	-7.168459	20	PASS
		5700	NV	-30	-20000.00	-3.508772	20	PASS
			NV	-20	-40000.00	-7.017544	20	PASS
			NV	-10	-40000.00	-7.017544	20	PASS
			NV	0	-20000.00	-3.508772	20	PASS
			NV	10	-20000.00	-3.508772	20	PASS
			NV	20	-40000.00	-7.017544	20	PASS
			NV	30	-40000.00	-7.017544	20	PASS
			NV	40	-40000.00	-7.017544	20	PASS
			NV	50	-20000.00	-3.508772	20	PASS
11AC40SIS O	Ant1	5510	NV	-30	-40000.00	-7.259528	20	PASS
			NV	-20	-40000.00	-7.259528	20	PASS

			NV	-10	-40000.00	-7.259528	20	PASS
			NV	0	-80000.00	-14.519056	20	PASS
			NV	10	-40000.00	-7.259528	20	PASS
			NV	20	-40000.00	-7.259528	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-40000.00	-7.259528	20	PASS
			NV	50	-40000.00	-7.259528	20	PASS
		5550	NV	-30	-80000.00	-14.414414	20	PASS
			NV	-20	-40000.00	-7.207207	20	PASS
			NV	-10	-40000.00	-7.207207	20	PASS
			NV	0	-80000.00	-14.414414	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.207207	20	PASS
			NV	30	-40000.00	-7.207207	20	PASS
			NV	40	-40000.00	-7.207207	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5670	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-80000.00	-14.109347	20	PASS
			NV	-10	-40000.00	-7.054674	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.054674	20	PASS
			NV	30	-40000.00	-7.054674	20	PASS
			NV	40	-80000.00	-14.109347	20	PASS
			NV	50	-40000.00	-7.054674	20	PASS
11AC80SIS O	Ant1	5530	NV	-30	-80000.00	-14.466546	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-80000.00	-14.466546	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-80000.00	-14.466546	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5610	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-80000.00	-14.260250	20	PASS
			NV	10	-80000.00	-14.260250	20	PASS
			NV	20	-80000.00	-14.260250	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS

D.6 Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor	Limit	Verdict
11A	Ant1	5500	0.11	0.18	61.11	2.14	---	---
		5580	1.39	1.45	95.86	0.18	---	---
		5700	1.39	1.45	95.86	0.18	---	---
11N20SISO	Ant1	5500	1.18	1.24	95.16	0.22	---	---
		5580	1.18	1.24	95.16	0.22	---	---
		5700	1.17	1.24	94.35	0.25	---	---
11N40SISO	Ant1	5510	0.59	0.65	90.77	0.42	---	---
		5550	0.59	0.65	90.77	0.42	---	---
		5670	0.59	0.65	90.77	0.42	---	---
11AC20SISO	Ant1	5500	1.19	1.25	95.20	0.21	---	---
		5580	1.19	1.25	95.20	0.21	---	---
		5700	1.19	1.25	95.20	0.21	---	---
11AC40SISO	Ant1	5510	0.59	0.65	90.77	0.42	---	---
		5550	0.59	0.66	89.39	0.49	---	---
		5670	0.59	0.66	89.39	0.49	---	---
11AC80SISO	Ant1	5530	0.29	0.36	80.56	0.94	---	---
		5610	0.30	0.36	83.33	0.79	---	---