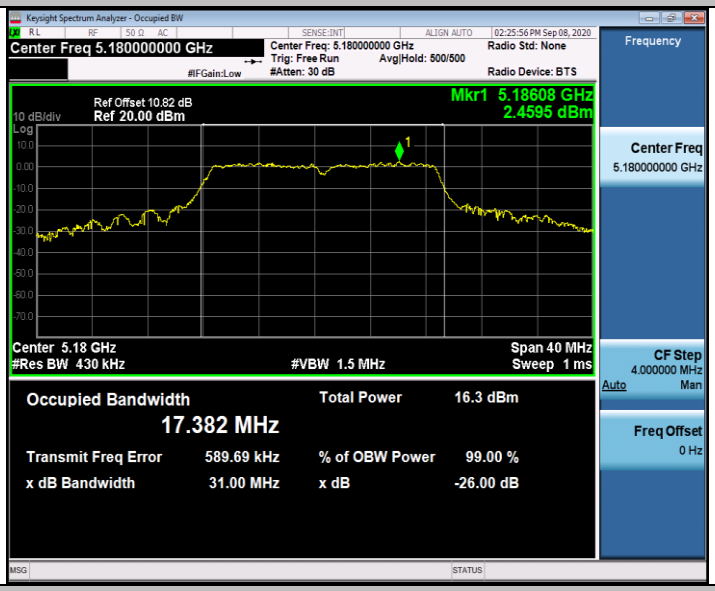
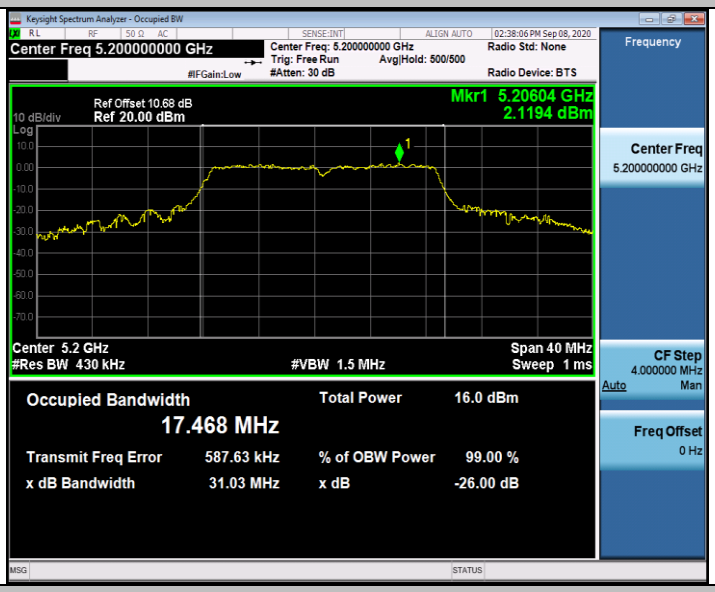
Test Graphs

11A_Ant1_5180

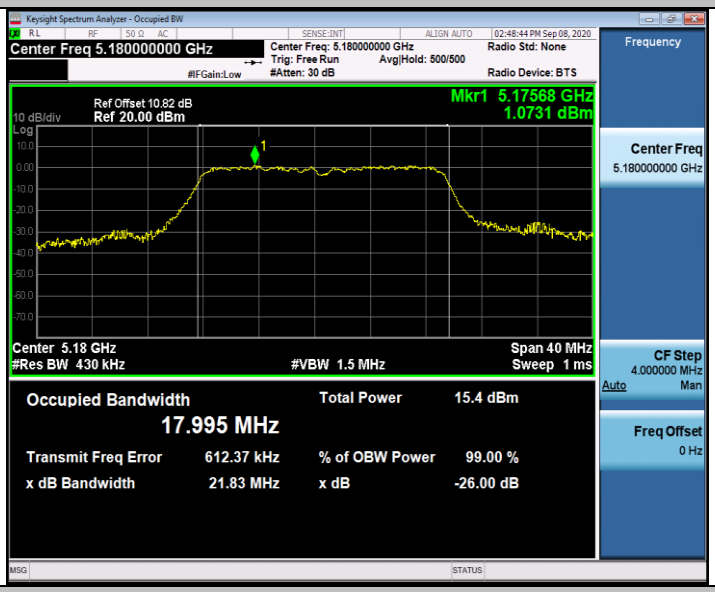


11A_Ant1_5200



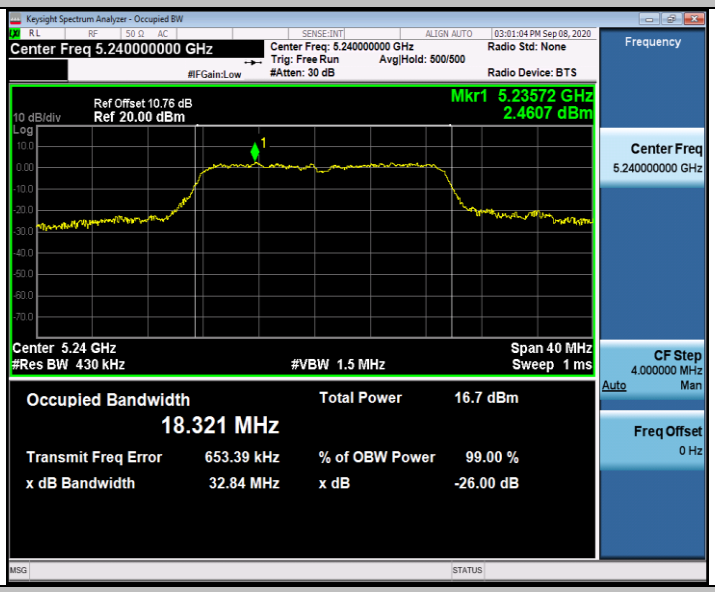
11A_Ant1_5240

11N20SISO_Ant1_5180



11N20SISO_Ant1_5200

11N20SISO_Ant1_5240



11N40SISO_Ant1_5190

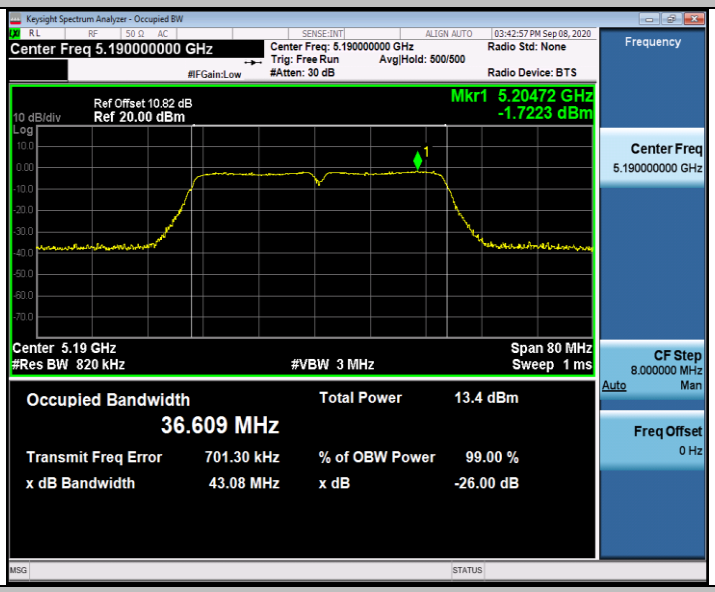
11N40SISO_Ant1_5230

11AC20SISO_Ant1_5180

11AC20SISO_Ant1_5200

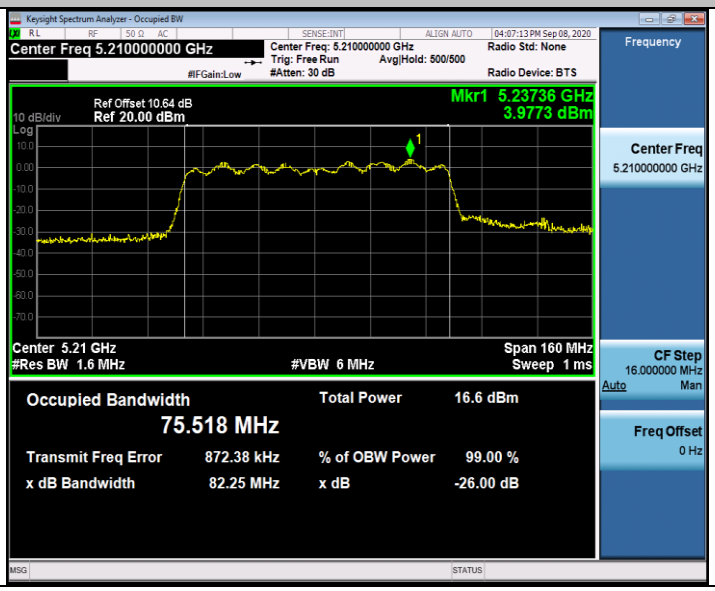
11AC20SISO_Ant1_5240

11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230

11AC80SISO_Ant1_5210

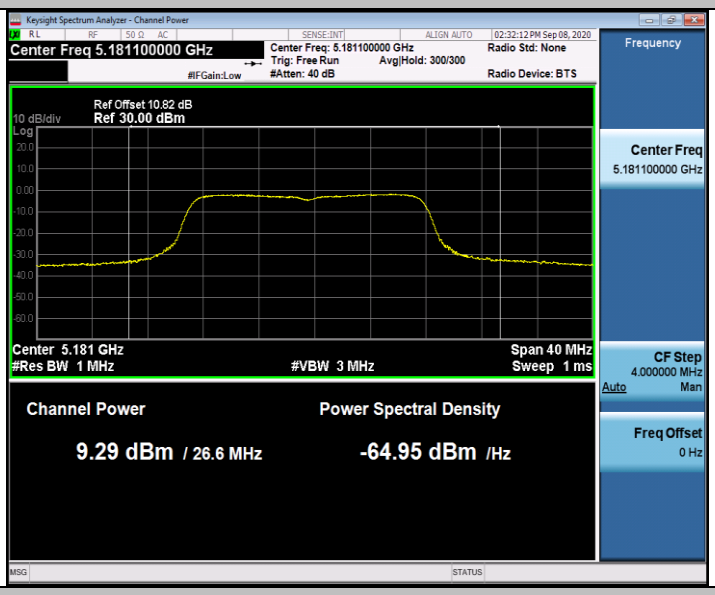


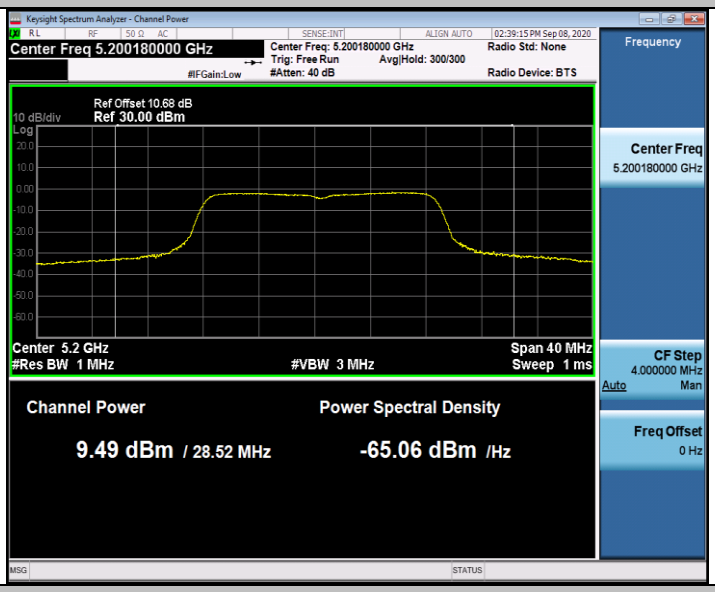
Appendix B: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	9.29	<=23.98	PASS
		5200	9.49	<=23.98	PASS
		5240	10.99	<=23.98	PASS
11N20SISO	Ant1	5180	8.60	<=23.98	PASS
		5200	10.25	<=23.98	PASS
		5240	9.75	<=23.98	PASS
11N40SISO	Ant1	5190	6.29	<=23.98	PASS
		5230	10.42	<=23.98	PASS
11AC20SISO	Ant1	5180	8.54	<=23.98	PASS
		5200	10.20	<=23.98	PASS
		5240	9.84	<=23.98	PASS
11AC40SISO	Ant1	5190	6.13	<=23.98	PASS
		5230	10.48	<=23.98	PASS
11AC80SISO	Ant1	5210	7.86	<=23.98	PASS

Test Graphs

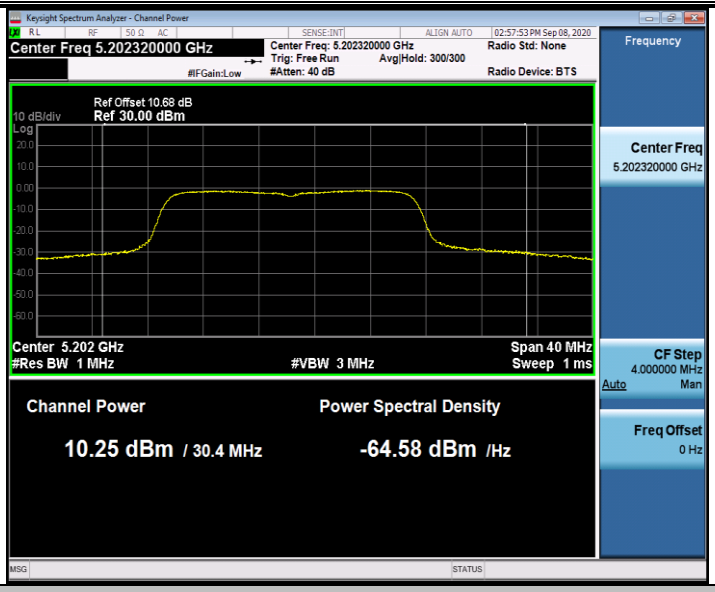
11A_Ant1_5180


11A_Ant1_5200


11A_Ant1_5240

11N20SISO_Ant1_5180

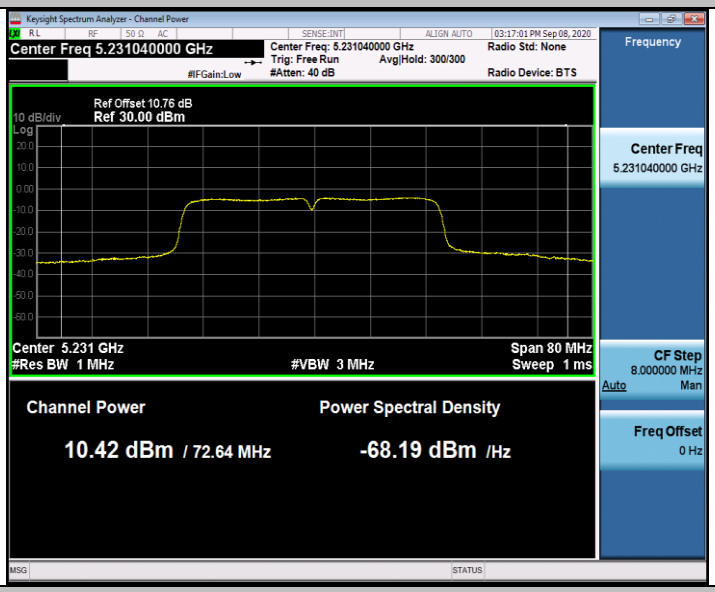
11N20SISO_Ant1_5200



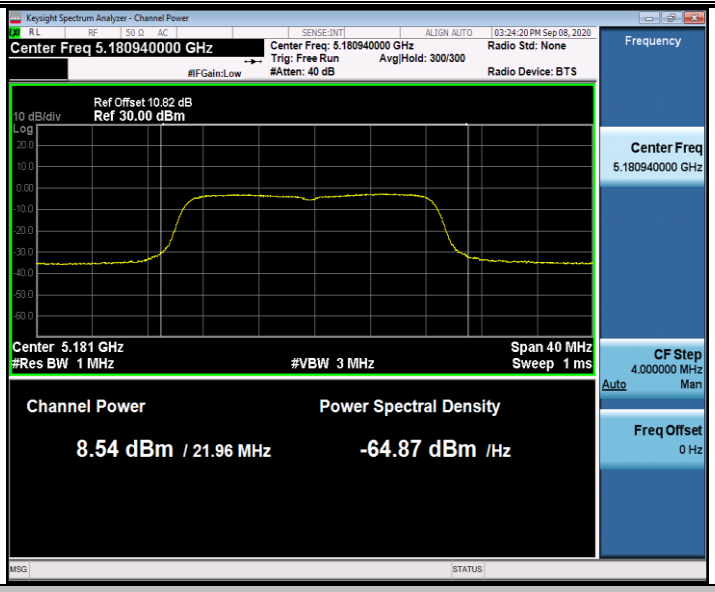
11N20SISO_Ant1_5240

11N40SISO_Ant1_5190

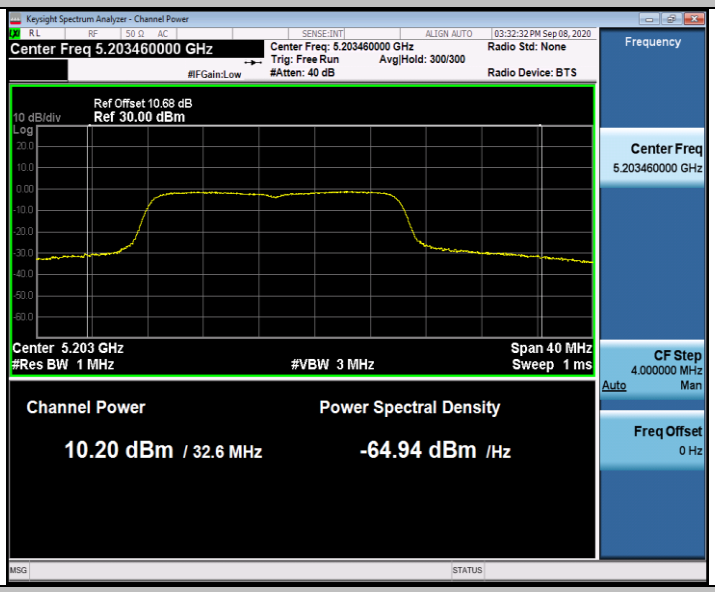
11N40SISO_Ant1_5230



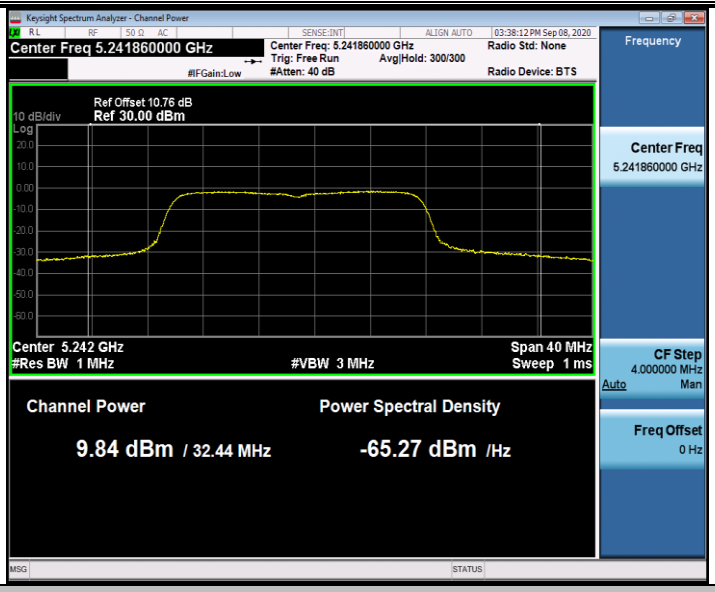
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200

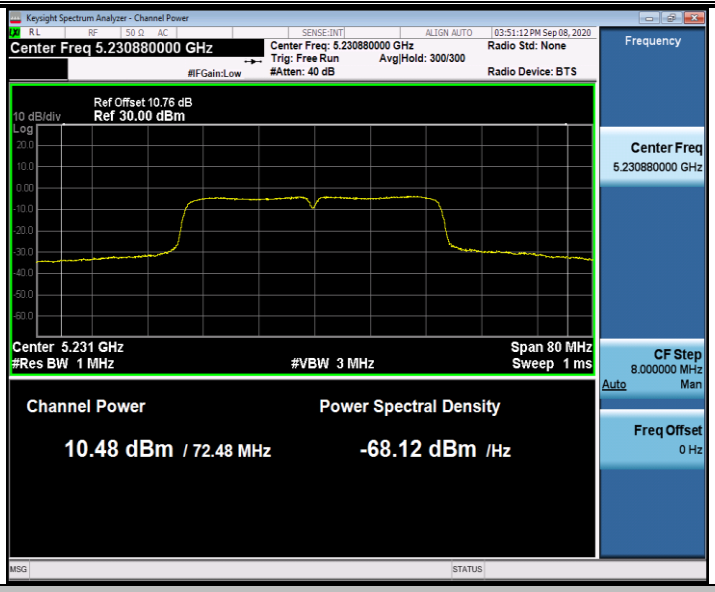


11AC20SISO_Ant1_5240

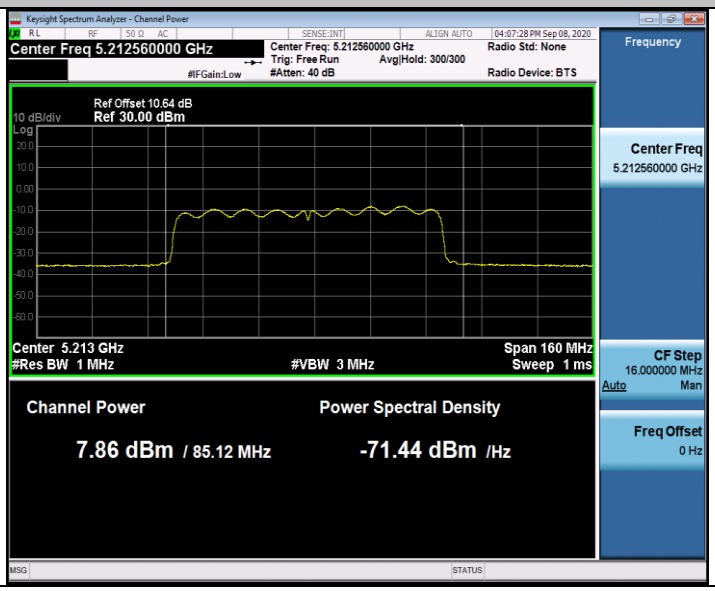


11AC40SISO_Ant1_5190

11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



Appendix C: Maximum power spectral density

Test Result

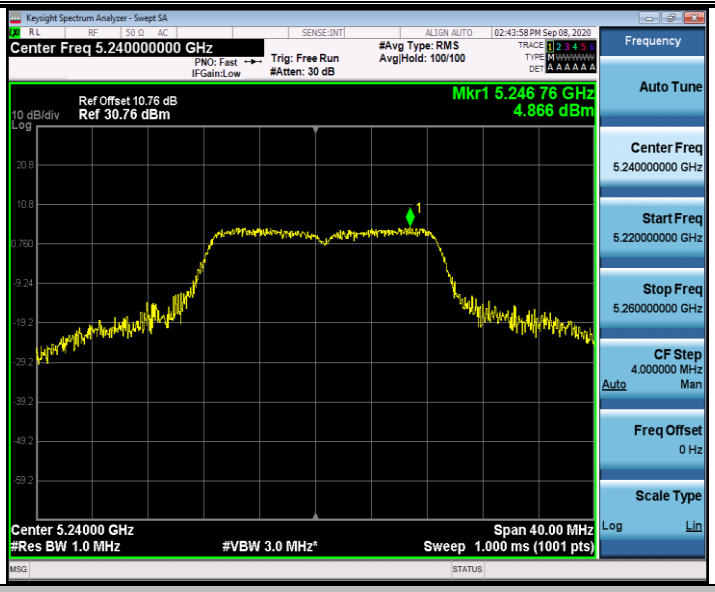
TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	3.21	<=11	PASS
		5200	3.62	<=11	PASS
		5240	4.87	<=11	PASS
11N20SISO	Ant1	5180	2.76	<=11	PASS
		5200	4.18	<=11	PASS
		5240	3.81	<=11	PASS
11N40SISO	Ant1	5190	-2.68	<=11	PASS
		5230	1.51	<=11	PASS
11AC20SISO	Ant1	5180	2.57	<=11	PASS
		5200	4.29	<=11	PASS
		5240	3.86	<=11	PASS
11AC40SISO	Ant1	5190	-2.82	<=11	PASS
		5230	1.3	<=11	PASS
11AC80SISO	Ant1	5210	-2.32	<=11	PASS

Test Graphs

11A_Ant1_5180

11A_Ant1_5200

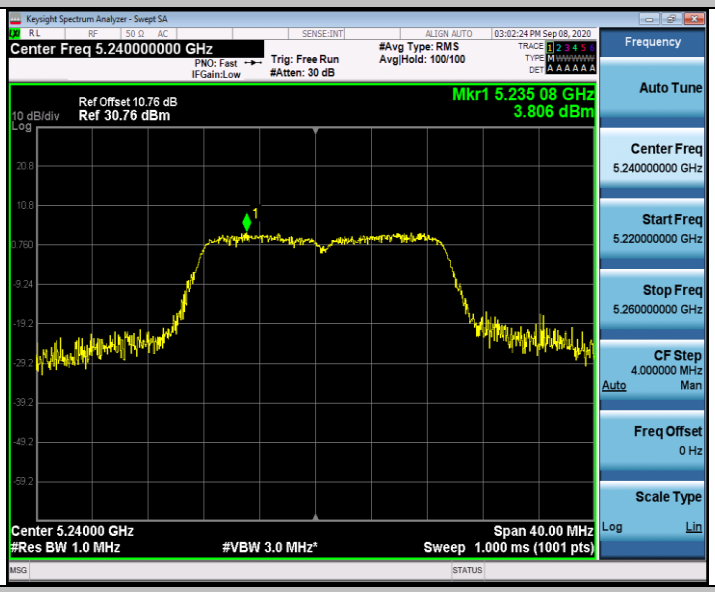
11A_Ant1_5240



11N20SISO_Ant1_5180

11N20SISO_Ant1_5200

11N20SISO_Ant1_5240



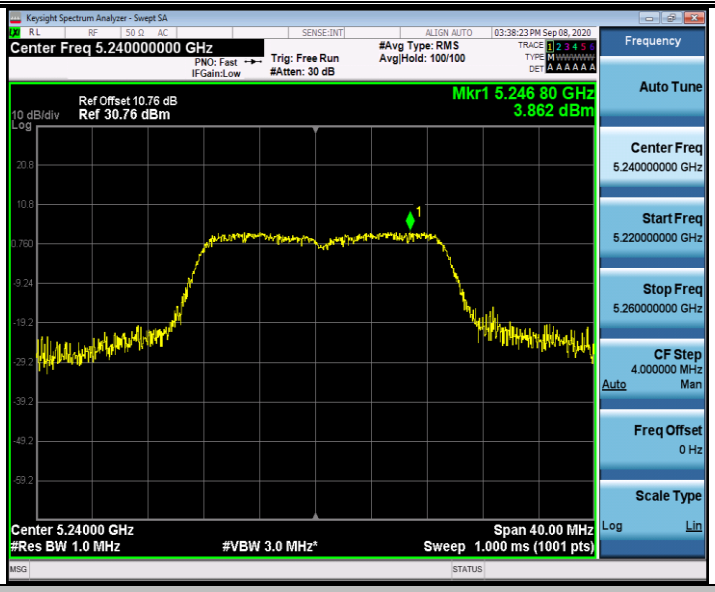
11N40SISO_Ant1_5190

11N40SISO_Ant1_5230

11AC20SISO_Ant1_5180

11AC20SISO_Ant1_5200

11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190

11AC40SISO_Ant1_5230

11AC80SISO_Ant1_5210

Appendix D: Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-45000	-8.687259	20	PASS
			LV	NT	-45000	-8.687259	20	PASS
			HV	NT	-45000	-8.687259	20	PASS
		5200	NV	NT	-44000	-8.461538	20	PASS
			LV	NT	-46000	-8.846154	20	PASS
			HV	NT	-46000	-8.846154	20	PASS
		5240	NV	NT	-44000	-8.396947	20	PASS
			LV	NT	-47000	-8.969466	20	PASS
			HV	NT	-48000	-9.160305	20	PASS
11N20SISO	Ant1	5180	NV	NT	-45000	-8.687259	20	PASS
			LV	NT	-47000	-9.073359	20	PASS
			HV	NT	-47000	-9.073359	20	PASS
		5200	NV	NT	-46000	-8.846154	20	PASS
			LV	NT	-47000	-9.038462	20	PASS
			HV	NT	-48000	-9.230769	20	PASS
		5240	NV	NT	-46000	-8.778626	20	PASS
			LV	NT	-48000	-9.160305	20	PASS
			HV	NT	-48000	-9.160305	20	PASS
11N40SISO	Ant1	5190	NV	NT	-45000	-8.67052	20	PASS
			LV	NT	-47000	-9.055877	20	PASS
			HV	NT	-47000	-9.055877	20	PASS
		5230	NV	NT	-46000	-8.795411	20	PASS
			LV	NT	-47000	-8.986616	20	PASS
			HV	NT	-48000	-9.17782	20	PASS
11AC20SISO	Ant1	5180	NV	NT	-45000	-8.687259	20	PASS
			LV	NT	-47000	-9.073359	20	PASS
			HV	NT	-47000	-9.073359	20	PASS
		5200	NV	NT	-46000	-8.846154	20	PASS
			LV	NT	-47000	-9.038462	20	PASS
			HV	NT	-47000	-9.038462	20	PASS

		5240	NV	NT	-45000	-8.587786	20	PASS
			LV	NT	-47000	-8.969466	20	PASS
			HV	NT	-48000	-9.160305	20	PASS
11AC40SISO	Ant1	5190	NV	NT	-44000	-8.477842	20	PASS
			LV	NT	-46000	-8.863198	20	PASS
			HV	NT	-47000	-9.055877	20	PASS
		5230	NV	NT	-44000	-8.413002	20	PASS
			LV	NT	-47000	-8.986616	20	PASS
			HV	NT	-47000	-8.986616	20	PASS
11AC80SISO	Ant1	5210	NV	NT	-43000	-8.253359	20	PASS
			LV	NT	-46000	-8.829175	20	PASS
			HV	NT	-47000	-9.021113	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-46000	-8.880309	20	PASS
			NV	-20	-46000	-8.880309	20	PASS
			NV	-10	-46000	-8.880309	20	PASS
			NV	0	-46000	-8.880309	20	PASS
			NV	10	-46000	-8.880309	20	PASS
			NV	20	-46000	-8.880309	20	PASS
			NV	30	-46000	-8.880309	20	PASS
			NV	40	-46000	-8.880309	20	PASS
			NV	50	-46000	-8.880309	20	PASS
		5200	NV	-30	-47000	-9.038462	20	PASS
			NV	-20	-47000	-9.038462	20	PASS
			NV	-10	-47000	-9.038462	20	PASS
			NV	0	-47000	-9.038462	20	PASS
			NV	10	-47000	-9.038462	20	PASS
			NV	20	-47000	-9.038462	20	PASS
			NV	30	-48000	-9.230769	20	PASS
			NV	40	-47000	-9.038462	20	PASS
			NV	50	-47000	-9.038462	20	PASS
		5240	NV	-30	-48000	-9.160305	20	PASS
			NV	-20	-48000	-9.160305	20	PASS

			NV	-10	-48000	-9.160305	20	PASS
			NV	0	-48000	-9.160305	20	PASS
			NV	10	-48000	-9.160305	20	PASS
			NV	20	-48000	-9.160305	20	PASS
			NV	30	-48000	-9.160305	20	PASS
			NV	40	-48000	-9.160305	20	PASS
			NV	50	-48000	-9.160305	20	PASS
11N20SISO	Ant1	5180	NV	-30	-47000	-9.073359	20	PASS
			NV	-20	-47000	-9.073359	20	PASS
			NV	-10	-47000	-9.073359	20	PASS
			NV	0	-48000	-9.266409	20	PASS
			NV	10	-48000	-9.266409	20	PASS
			NV	20	-48000	-9.266409	20	PASS
			NV	30	-47000	-9.073359	20	PASS
			NV	40	-48000	-9.266409	20	PASS
			NV	50	-48000	-9.266409	20	PASS
		5200	NV	-30	-48000	-9.230769	20	PASS
			NV	-20	-48000	-9.230769	20	PASS
			NV	-10	-48000	-9.230769	20	PASS
			NV	0	-48000	-9.230769	20	PASS
			NV	10	-48000	-9.230769	20	PASS
			NV	20	-48000	-9.230769	20	PASS
			NV	30	-48000	-9.230769	20	PASS
			NV	40	-48000	-9.230769	20	PASS
			NV	50	-48000	-9.230769	20	PASS
		5240	NV	-30	-48000	-9.160305	20	PASS
			NV	-20	-48000	-9.160305	20	PASS
			NV	-10	-48000	-9.160305	20	PASS
			NV	0	-48000	-9.160305	20	PASS
			NV	10	-48000	-9.160305	20	PASS
			NV	20	-48000	-9.160305	20	PASS
			NV	30	-48000	-9.160305	20	PASS
			NV	40	-48000	-9.160305	20	PASS
			NV	50	-48000	-9.160305	20	PASS
11N40SISO	Ant1	5190	NV	-30	-47000	-9.055877	20	PASS
			NV	-20	-48000	-9.248555	20	PASS

			NV	-10	-47000	-9.055877	20	PASS
			NV	0	-47000	-9.055877	20	PASS
			NV	10	-48000	-9.248555	20	PASS
			NV	20	-48000	-9.248555	20	PASS
			NV	30	-48000	-9.248555	20	PASS
			NV	40	-47000	-9.055877	20	PASS
			NV	50	-48000	-9.248555	20	PASS
		5230	NV	-30	-48000	-9.17782	20	PASS
			NV	-20	-48000	-9.17782	20	PASS
			NV	-10	-48000	-9.17782	20	PASS
			NV	0	-48000	-9.17782	20	PASS
			NV	10	-48000	-9.17782	20	PASS
			NV	20	-48000	-9.17782	20	PASS
			NV	30	-48000	-9.17782	20	PASS
			NV	40	-48000	-9.17782	20	PASS
			NV	50	-48000	-9.17782	20	PASS
11AC20SISO	Ant1	5180	NV	-30	-47000	-9.073359	20	PASS
			NV	-20	-47000	-9.073359	20	PASS
			NV	-10	-48000	-9.266409	20	PASS
			NV	0	-47000	-9.073359	20	PASS
			NV	10	-47000	-9.073359	20	PASS
			NV	20	-48000	-9.266409	20	PASS
			NV	30	-48000	-9.266409	20	PASS
			NV	40	-48000	-9.266409	20	PASS
			NV	50	-48000	-9.266409	20	PASS
		5200	NV	-30	-48000	-9.230769	20	PASS
			NV	-20	-48000	-9.230769	20	PASS
			NV	-10	-47000	-9.038462	20	PASS
			NV	0	-48000	-9.230769	20	PASS
			NV	10	-48000	-9.230769	20	PASS
			NV	20	-48000	-9.230769	20	PASS
			NV	30	-48000	-9.230769	20	PASS
			NV	40	-48000	-9.230769	20	PASS
			NV	50	-48000	-9.230769	20	PASS
		5240	NV	-30	-48000	-9.160305	20	PASS
			NV	-20	-48000	-9.160305	20	PASS

			NV	-10	-48000	-9.160305	20	PASS
			NV	0	-48000	-9.160305	20	PASS
			NV	10	-48000	-9.160305	20	PASS
			NV	20	-48000	-9.160305	20	PASS
			NV	30	-48000	-9.160305	20	PASS
			NV	40	-48000	-9.160305	20	PASS
			NV	50	-48000	-9.160305	20	PASS
11AC40SISO	Ant1	5190	NV	-30	-47000	-9.055877	20	PASS
			NV	-20	-47000	-9.055877	20	PASS
			NV	-10	-47000	-9.055877	20	PASS
			NV	0	-47000	-9.055877	20	PASS
			NV	10	-47000	-9.055877	20	PASS
			NV	20	-47000	-9.055877	20	PASS
			NV	30	-47000	-9.055877	20	PASS
			NV	40	-47000	-9.055877	20	PASS
			NV	50	-47000	-9.055877	20	PASS
		5230	NV	-30	-47000	-8.986616	20	PASS
			NV	-20	-48000	-9.17782	20	PASS
			NV	-10	-48000	-9.17782	20	PASS
			NV	0	-48000	-9.17782	20	PASS
			NV	10	-48000	-9.17782	20	PASS
			NV	20	-48000	-9.17782	20	PASS
			NV	30	-48000	-9.17782	20	PASS
			NV	40	-48000	-9.17782	20	PASS
			NV	50	-48000	-9.17782	20	PASS
11AC80SISO	Ant1	5210	NV	-30	-47000	-9.021113	20	PASS
			NV	-20	-47000	-9.021113	20	PASS
			NV	-10	-47000	-9.021113	20	PASS
			NV	0	-48000	-9.213052	20	PASS
			NV	10	-48000	-9.213052	20	PASS
			NV	20	-48000	-9.213052	20	PASS
			NV	30	-48000	-9.213052	20	PASS
			NV	40	-48000	-9.213052	20	PASS
			NV	50	-48000	-9.213052	20	PASS