



11N40SISO\_Ant1\_5190



11N40SISO\_Ant1\_5230



11N40SISO\_Ant1\_5270



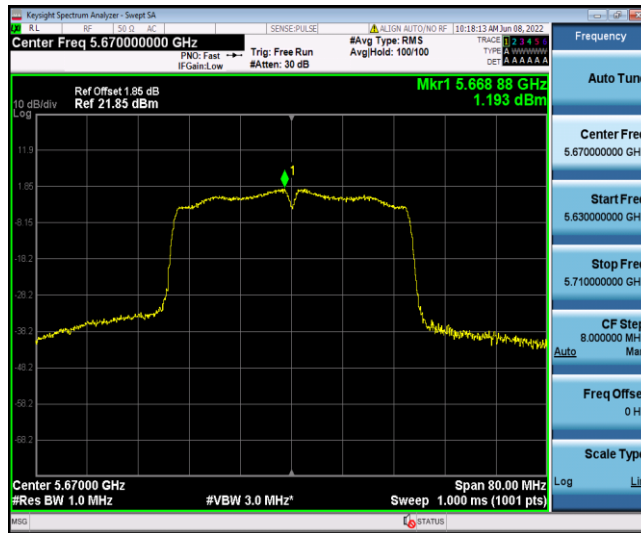
11N40SISO\_Ant1\_5310



11N40SISO\_Ant1\_5510



11N40SISO\_Ant1\_5550



11N40SISO\_Ant1\_5670



11N40SISO\_Ant1\_5755



11N40SISO\_Ant1\_5795

## Appendix E: Frequency Stability

### Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-1500	-0.289575	within the operating band	PASS
			LV	NT	-1500	-0.289575		PASS
			HV	NT	-1500	-0.289575		PASS
		5260	NV	NT	-600	-0.114068		PASS
			LV	NT	-600	-0.114068		PASS
			HV	NT	-300	-0.057034		PASS
		5500	NV	NT	-300	-0.054545		PASS
			LV	NT	-300	-0.054545		PASS
			HV	NT	-300	-0.054545		PASS
		5745	NV	NT	-300	-0.052219		PASS
			LV	NT	0	0		PASS
			HV	NT	-300	-0.052219		PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-1200	-0.23166	within the operating band	PASS
			NV	-20	-1200	-0.23166		PASS
			NV	-10	-1200	-0.23166		PASS
			NV	0	-900	-0.173745		PASS
			NV	10	-900	-0.173745		PASS
			NV	20	-600	-0.11583		PASS
			NV	30	-600	-0.11583		PASS
			NV	40	-900	-0.173745		PASS
			NV	50	-900	-0.173745		PASS
		5260	NV	-30	-300	-0.057034		PASS
			NV	-20	-300	-0.057034		PASS
			NV	-10	-300	-0.057034		PASS
			NV	0	-300	-0.057034		PASS
			NV	10	-300	-0.057034		PASS
			NV	20	0	0		PASS
			NV	30	0	0		PASS
			NV	40	-300	-0.057034		PASS
			NV	50	0	0		PASS
		5500	NV	-30	-300	-0.054545		PASS
			NV	-20	0	0		PASS

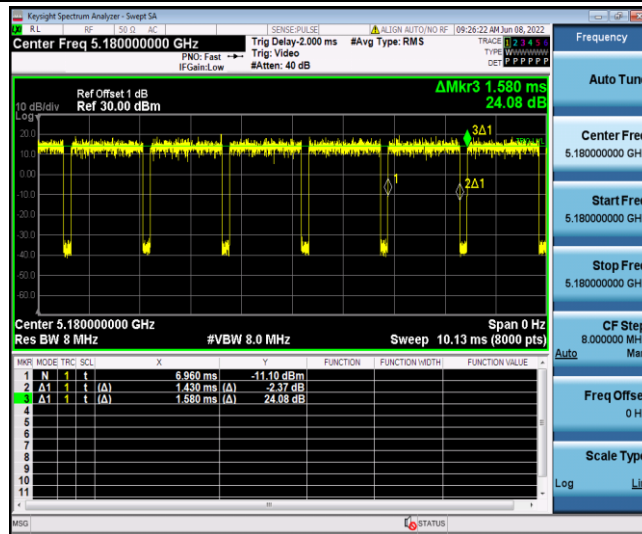
			NV	-10	-300	-0.054545		PASS
			NV	0	-300	-0.054545		PASS
			NV	10	-300	-0.054545		PASS
			NV	20	-300	-0.054545		PASS
			NV	30	-300	-0.054545		PASS
			NV	40	0	0		PASS
			NV	50	-300	-0.054545		PASS
		5745	NV	-30	-300	-0.052219		PASS
			NV	-20	-300	-0.052219		PASS
			NV	-10	-300	-0.052219		PASS
			NV	0	-600	-0.104439		PASS
			NV	10	-300	-0.052219		PASS
			NV	20	-600	-0.104439		PASS
			NV	30	-300	-0.052219		PASS
			NV	40	-600	-0.104439		PASS
			NV	50	-600	-0.104439		PASS

## Appendix F: Duty Cycle

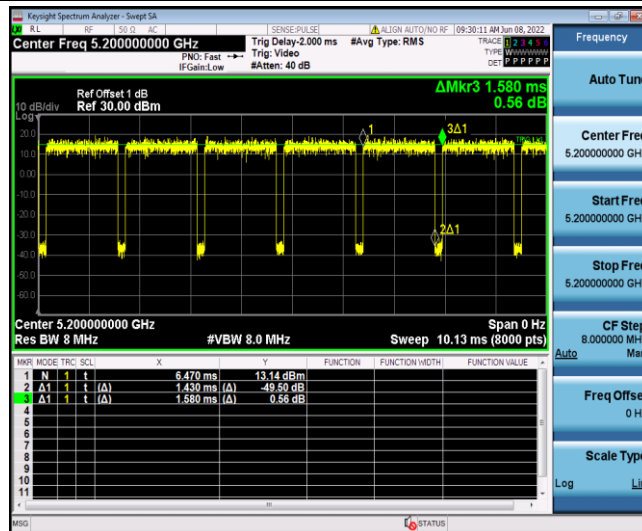
### Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.43	1.58	90.51	---	PASS
		5200	1.43	1.58	90.51	---	PASS
		5240	1.43	1.57	91.08	---	PASS
		5260	1.42	1.57	90.45	---	PASS
		5280	1.43	1.58	90.51	---	PASS
		5320	1.43	1.58	90.51	---	PASS
		5500	1.43	1.57	91.08	---	PASS
		5580	1.42	1.57	90.45	---	PASS
		5700	1.43	1.57	91.08	---	PASS
		5745	1.43	1.58	90.51	---	PASS
		5785	1.43	1.58	90.51	---	PASS
		5825	1.43	1.58	90.51	---	PASS
11N20SISO	Ant1	5180	1.33	1.48	89.86	---	PASS
		5200	1.33	1.48	89.86	---	PASS
		5240	1.34	1.48	90.54	---	PASS
		5260	1.33	1.48	89.86	---	PASS
		5280	1.34	1.48	90.54	---	PASS
		5320	1.34	1.49	89.93	---	PASS
		5500	1.34	1.49	89.93	---	PASS
		5580	1.34	1.49	89.93	---	PASS
		5700	1.34	1.49	89.93	---	PASS
		5745	1.33	1.48	89.86	---	PASS
		5785	1.34	1.48	90.54	---	PASS
		5825	1.33	1.48	89.86	---	PASS
11N40SISO	Ant1	5190	0.65	0.79	82.28	---	PASS
		5230	0.65	0.79	82.28	---	PASS
		5270	0.65	0.80	81.25	---	PASS
		5310	0.64	0.79	81.01	---	PASS
		5510	0.65	0.80	81.25	---	PASS
		5550	0.64	0.79	81.01	---	PASS
		5670	0.65	0.79	82.28	---	PASS
		5755	0.65	0.80	81.25	---	PASS
		5795	0.65	0.79	82.28	---	PASS

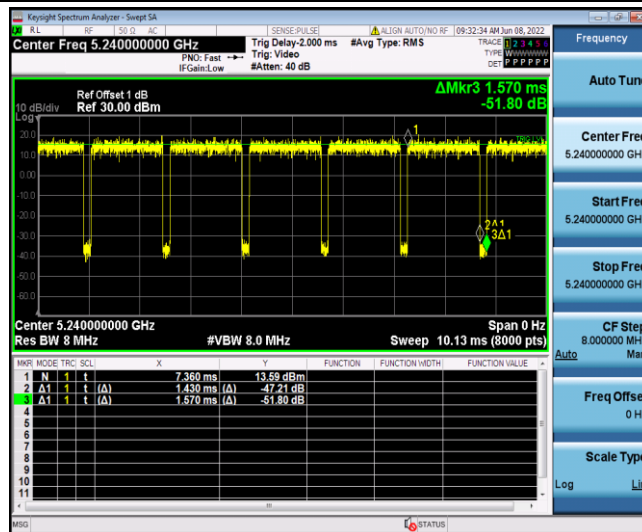
# Test Graphs



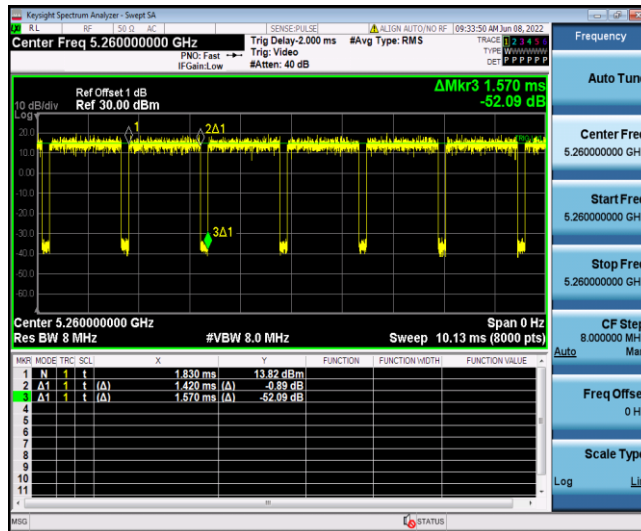
11A\_Ant1\_5180



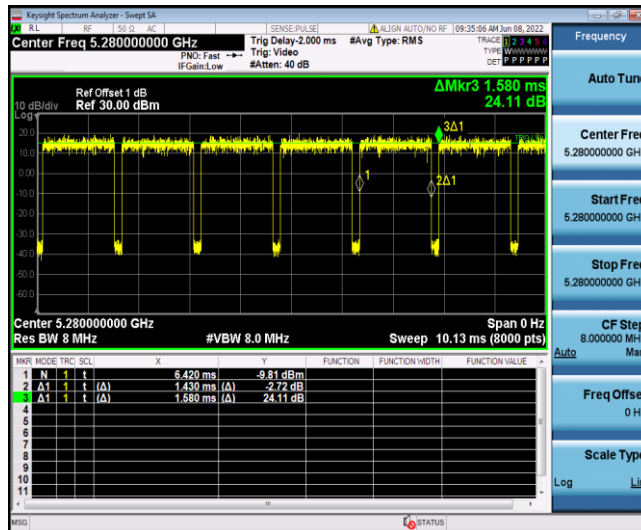
11A\_Ant1\_5200



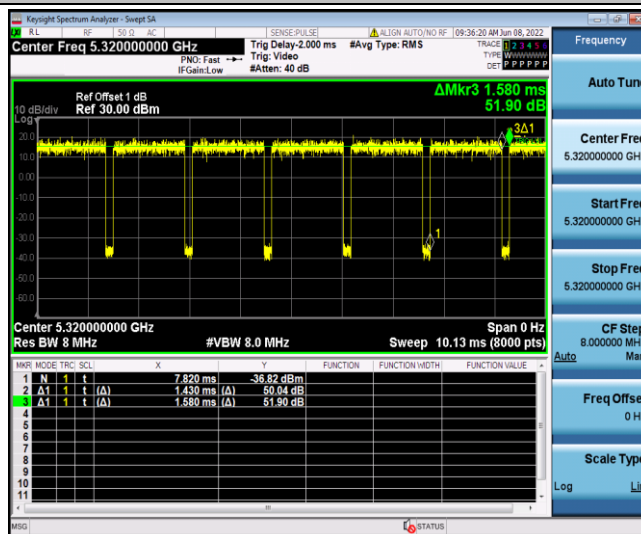
11A\_Ant1\_5240



11A\_Ant1\_5260

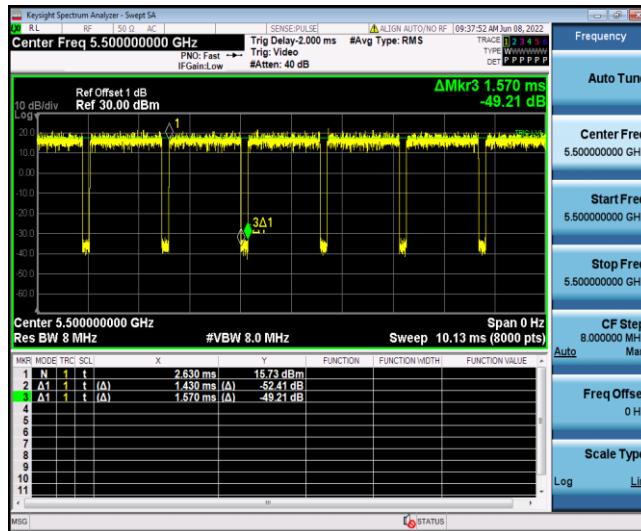


11A\_Ant1\_5280

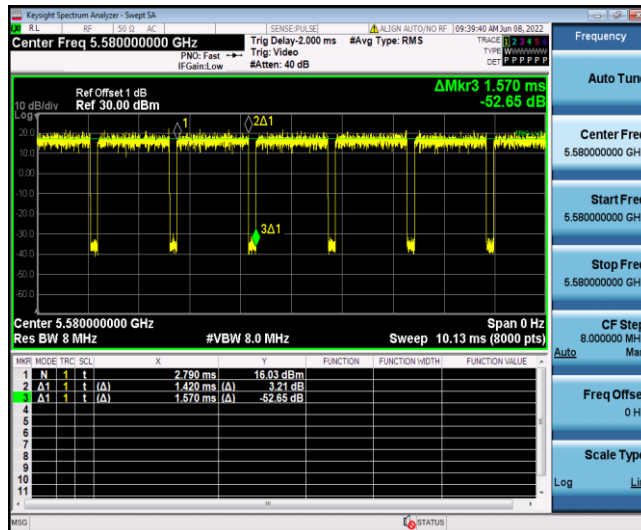


11A\_Ant1\_5320

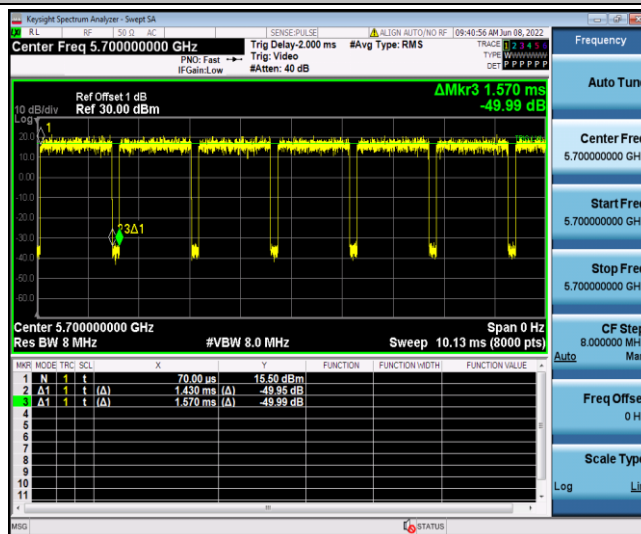




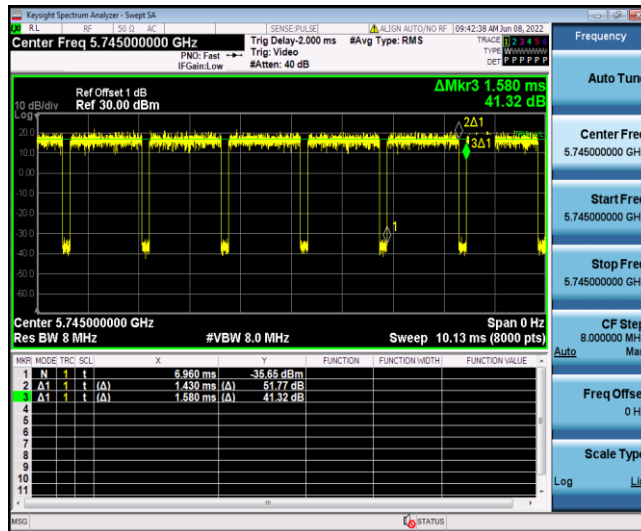
11A\_Ant1\_5500



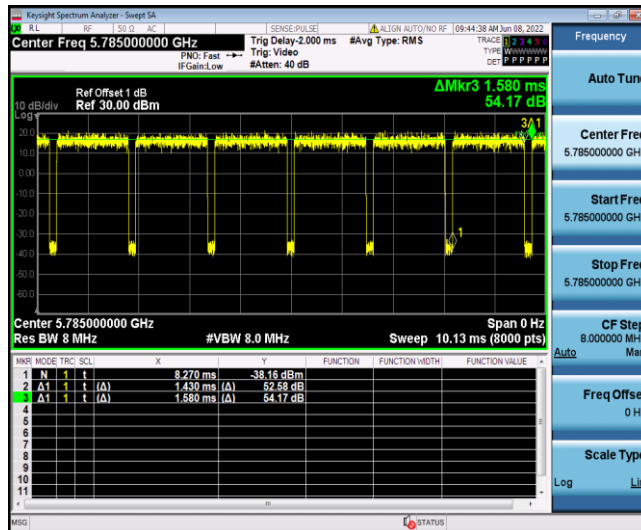
11A\_Ant1\_5580



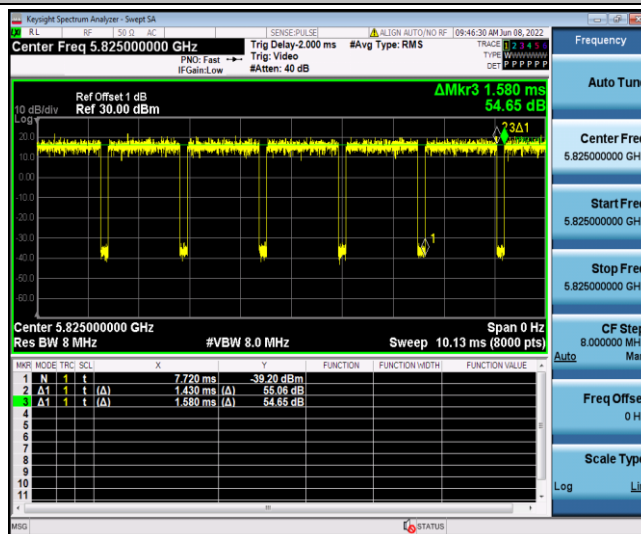
11A\_Ant1\_5700



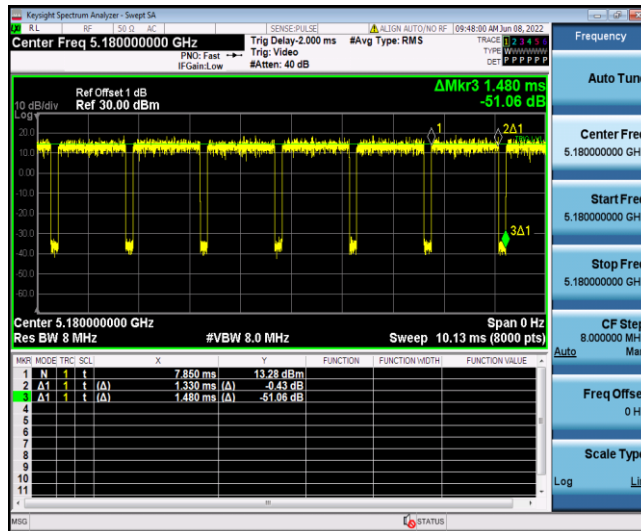
11A\_Ant1\_5745



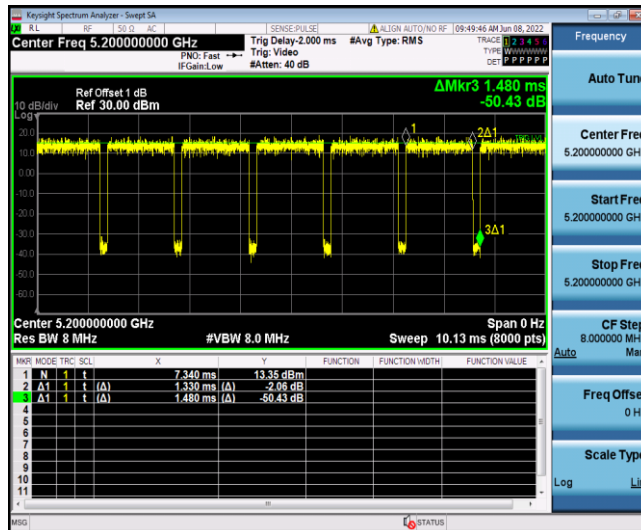
11A\_Ant1\_5785



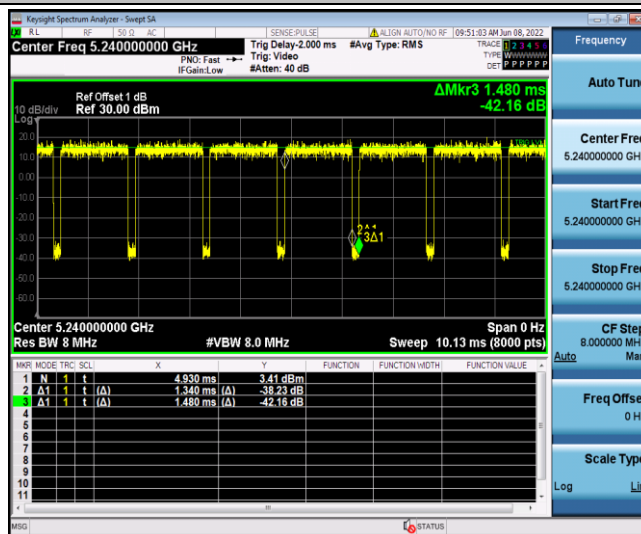
11A\_Ant1\_5825



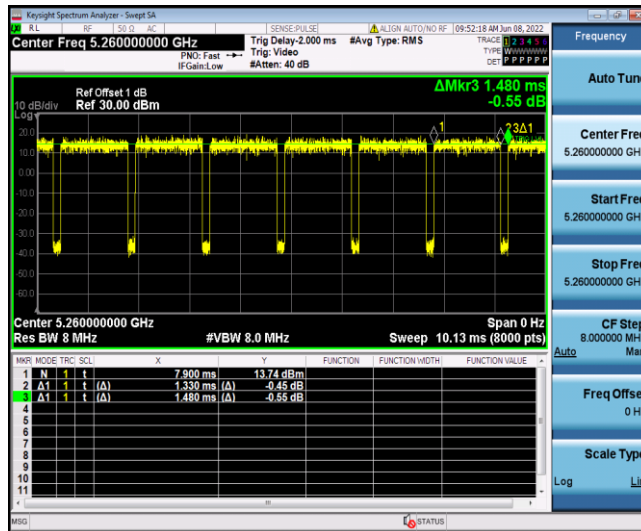
11N20SISO\_Ant1\_5180



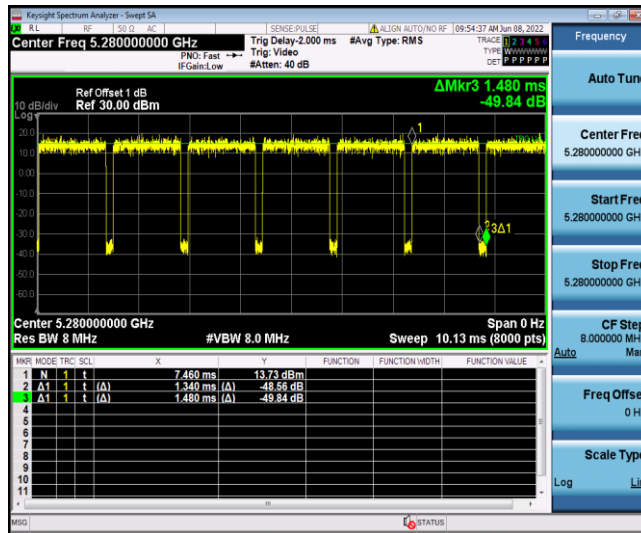
11N20SISO\_Ant1\_5200



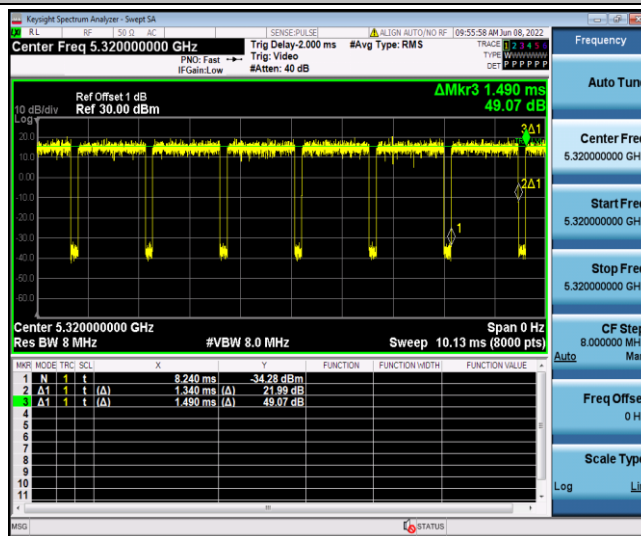
11N20SISO\_Ant1\_5240



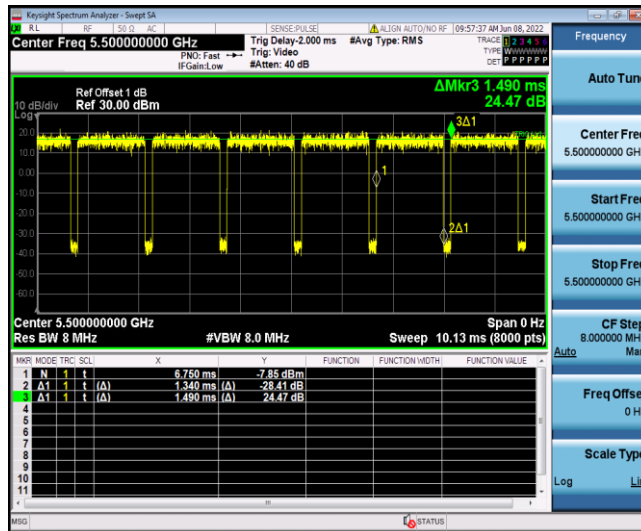
11N20SISO\_Ant1\_5260



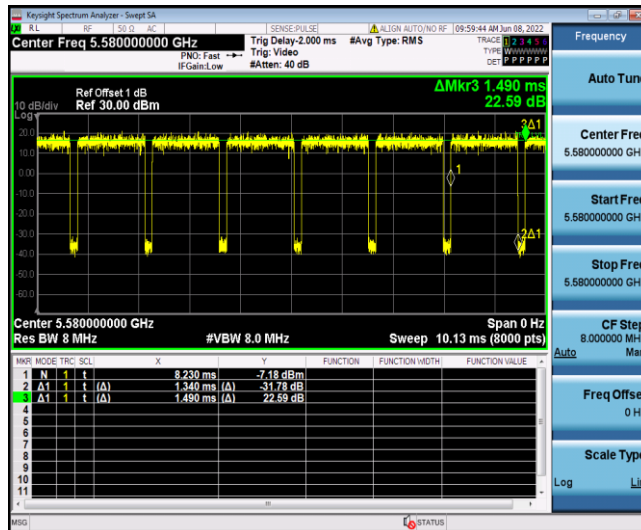
11N20SISO\_Ant1\_5280



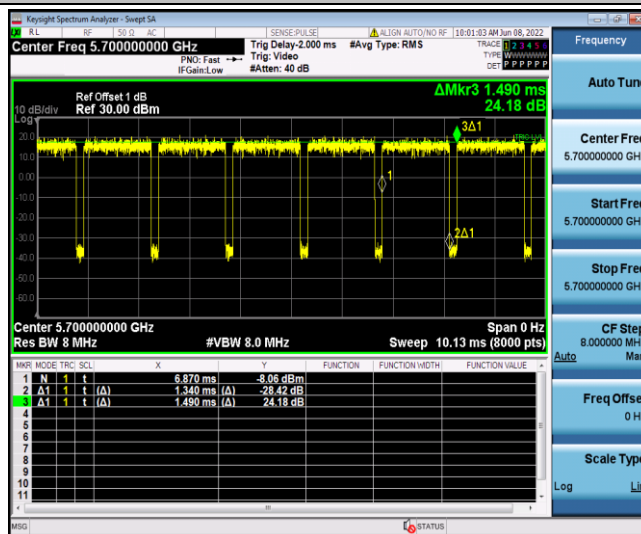
11N20SISO\_Ant1\_5320



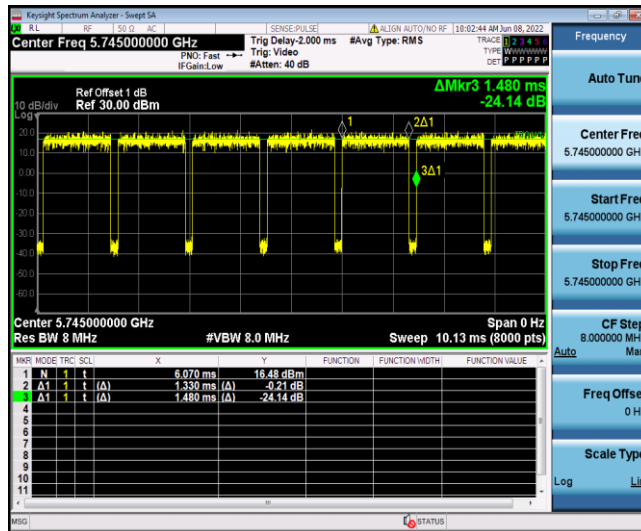
11N20SISO\_Ant1\_5500



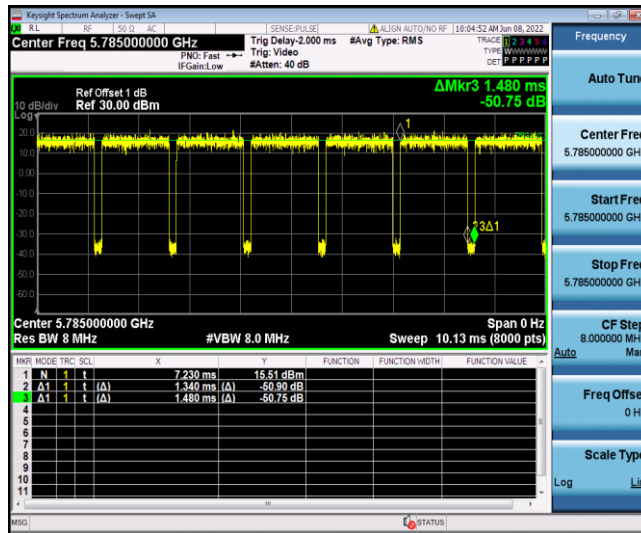
11N20SISO\_Ant1\_5580



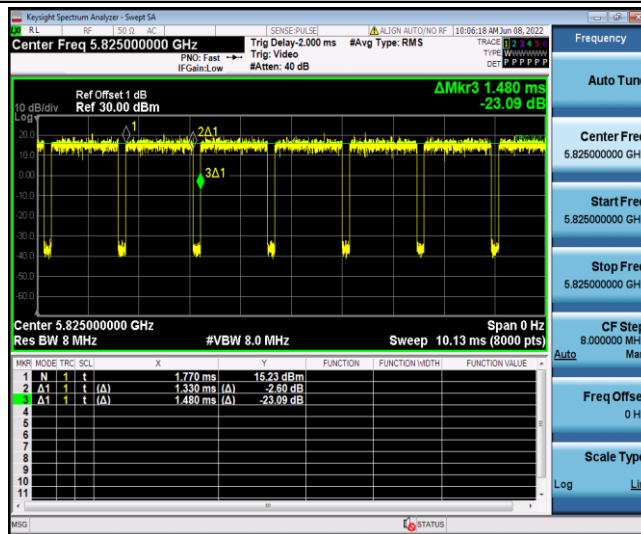
11N20SISO\_Ant1\_5700



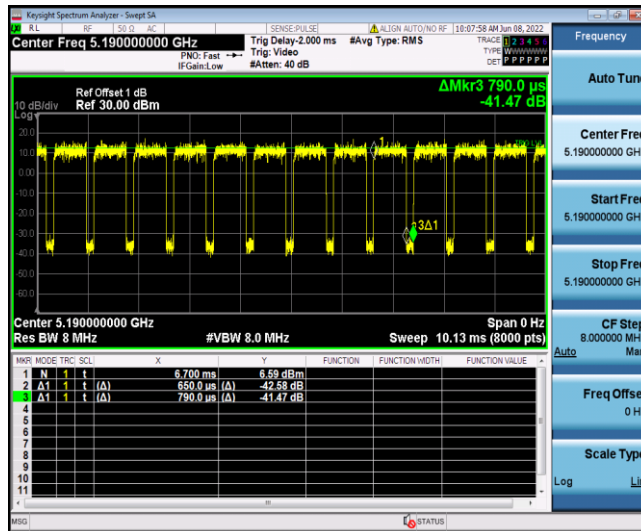
11N20SISO\_Ant1\_5745



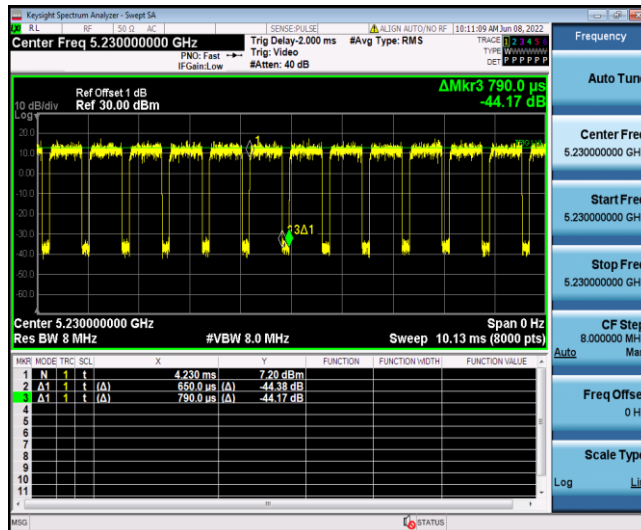
11N20SISO\_Ant1\_5785



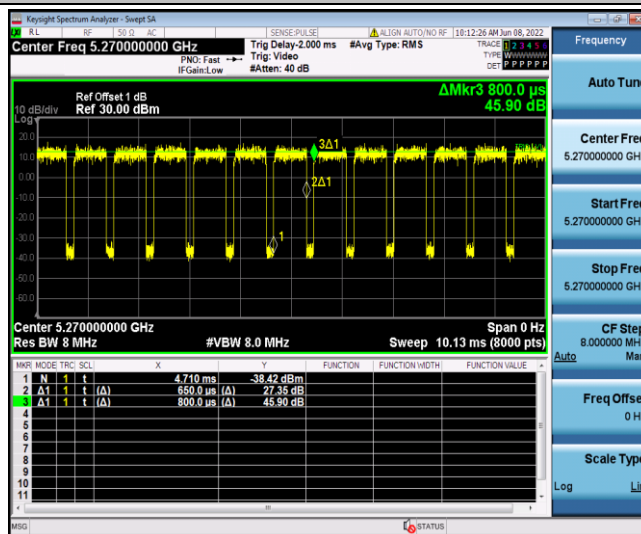
11N20SISO\_Ant1\_5825



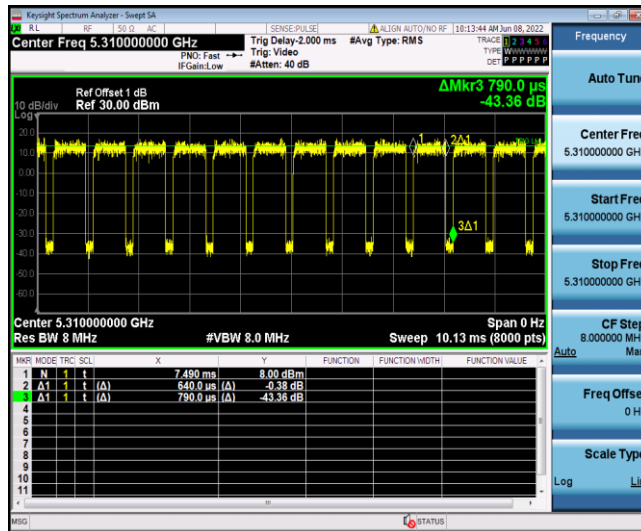
11N40SISO\_Ant1\_5190



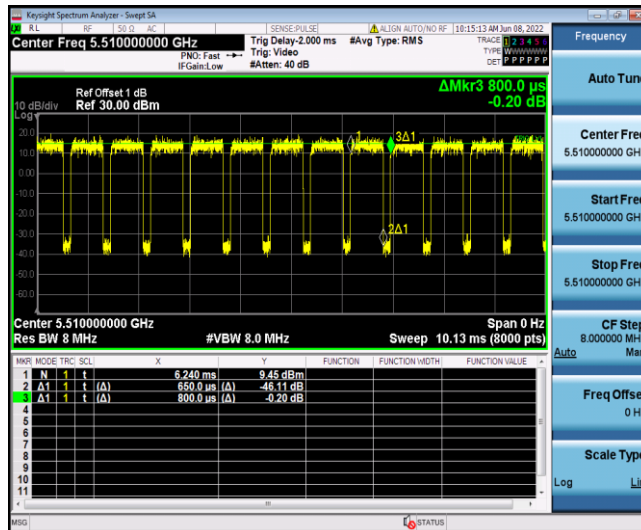
11N40SISO\_Ant1\_5230



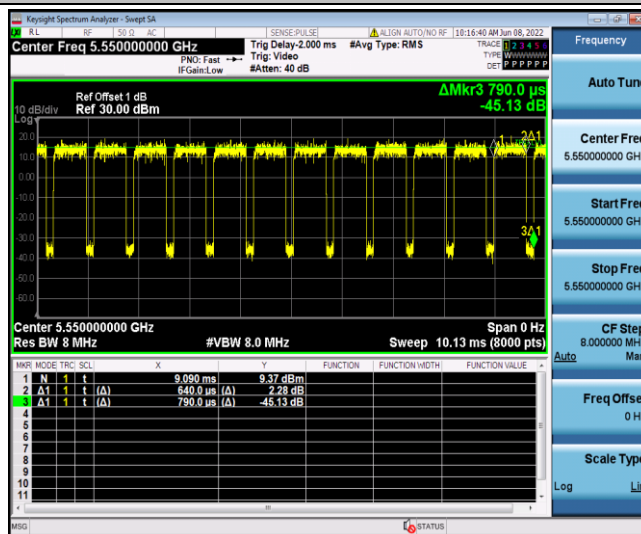
11N40SISO\_Ant1\_5270



11N40SISO\_Ant1\_5310

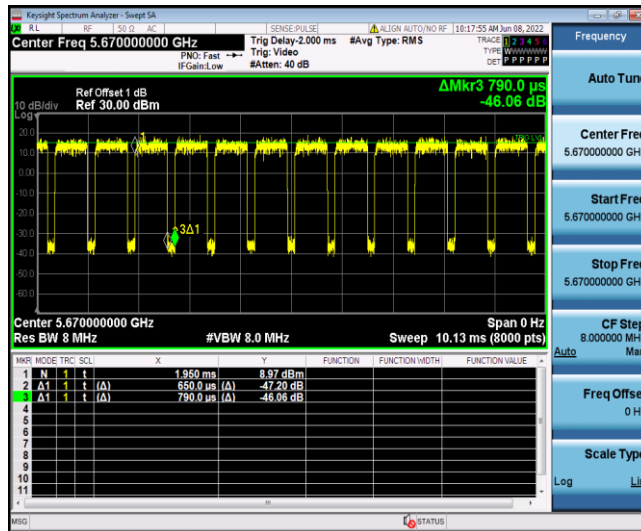


11N40SISO\_Ant1\_5510

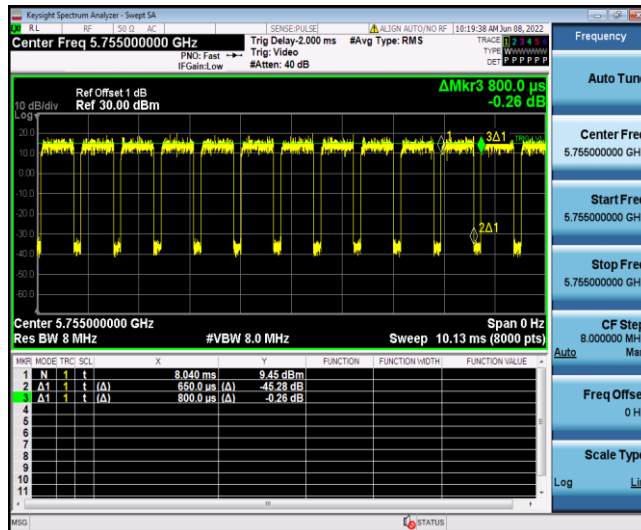


11N40SISO\_Ant1\_5550

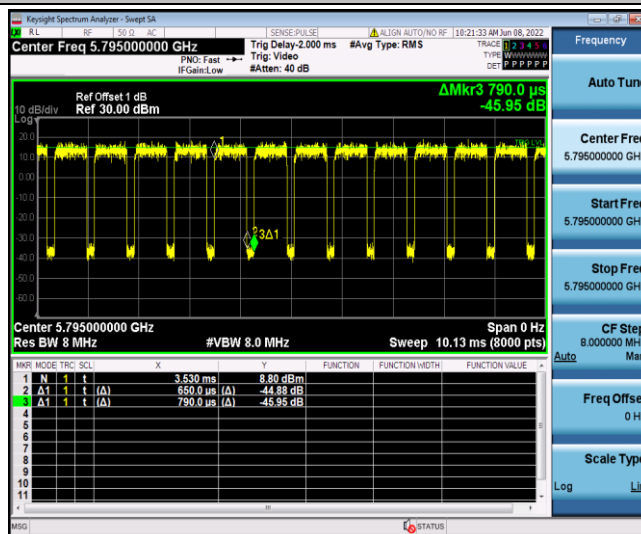




11N40SISO\_Ant1\_5670



11N40SISO\_Ant1\_5755



11N40SISO\_Ant1\_5795

\*\*\*\*\* End \*\*\*\*\*