



11AC20SISO\_Ant1\_5825



11AC20SISO\_Ant2\_5825



11AC40SISO\_Ant1\_5190



11AC40SISO\_Ant2\_5190



11AC40SISO\_Ant1\_5230



11AC40SISO\_Ant2\_5230



11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant2\_5755



11AC40SISO\_Ant1\_5795



11AC40SISO\_Ant2\_5795



11AC80SISO\_Ant1\_5210



11AC80SISO\_Ant2\_5210



11AC80SISO\_Ant1\_5775



11AC80SISO\_Ant2\_5775

## 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	-37200	-7.181467	20	PASS
			LV	NT	-36300	-7.007722	20	PASS
			HV	NT	-36000	-6.949807	20	PASS
	Ant2	5180	NV	NT	-36600	-7.065637	20	PASS
			LV	NT	-36600	-7.065637	20	PASS
			HV	NT	-36600	-7.065637	20	PASS
	Ant1	5745	NV	NT	-39900	-6.94517	20	PASS
			LV	NT	-38700	-6.736292	20	PASS
			HV	NT	-38100	-6.631854	20	PASS
	Ant2	5745	NV	NT	-40200	-6.997389	20	PASS
			LV	NT	-39900	-6.94517	20	PASS
			HV	NT	-39000	-6.788512	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-35700	-6.891892	20	PASS
			NV	-20	-35700	-6.891892	20	PASS
			NV	-10	-35400	-6.833977	20	PASS
			NV	0	-35700	-6.891892	20	PASS
			NV	10	-35400	-6.833977	20	PASS
			NV	20	-36000	-6.949807	20	PASS
			NV	30	-36300	-7.007722	20	PASS
			NV	40	-36600	-7.065637	20	PASS
			NV	50	-36600	-7.065637	20	PASS
	Ant2	5180	NV	-30	-36600	-7.065637	20	PASS
			NV	-20	-36600	-7.065637	20	PASS
			NV	-10	-36600	-7.065637	20	PASS
			NV	0	-36600	-7.065637	20	PASS
			NV	10	-36600	-7.065637	20	PASS
			NV	20	-36600	-7.065637	20	PASS
			NV	30	-36600	-7.065637	20	PASS
			NV	40	-36600	-7.065637	20	PASS
			NV	50	-36600	-7.065637	20	PASS
	Ant1	5745	NV	-30	-37200	-6.475196	20	PASS

			NV	-20	-36900	-6.422977	20	PASS
			NV	-10	-36600	-6.370757	20	PASS
			NV	0	-35700	-6.214099	20	PASS
			NV	10	-36000	-6.266319	20	PASS
			NV	20	-36000	-6.266319	20	PASS
			NV	30	-35400	-6.16188	20	PASS
			NV	40	-35400	-6.16188	20	PASS
			NV	50	-34800	-6.057441	20	PASS
	Ant2	5745	NV	-30	-38700	-6.736292	20	PASS
			NV	-20	-38100	-6.631854	20	PASS
			NV	-10	-37500	-6.527415	20	PASS
			NV	0	-37200	-6.475196	20	PASS
			NV	10	-36600	-6.370757	20	PASS
			NV	20	-36300	-6.318538	20	PASS
			NV	30	-36300	-6.318538	20	PASS
			NV	40	-36300	-6.318538	20	PASS
			NV	50	-35700	-6.214099	20	PASS

## Appendix F: Duty Cycle

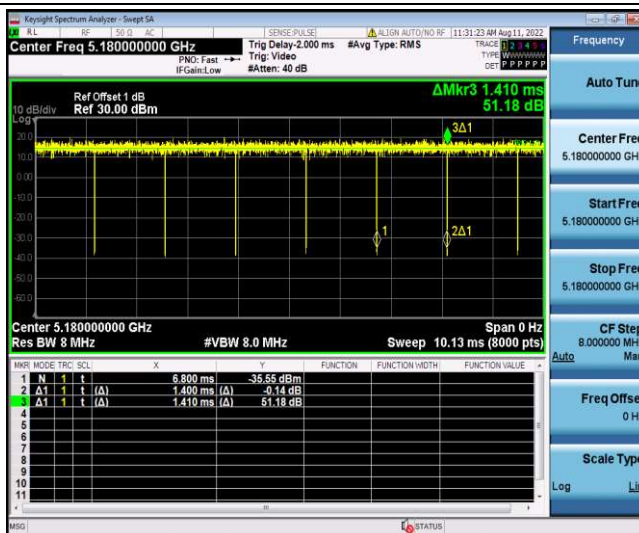
### Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.40	1.41	99.29	---	PASS
	Ant2	5180	1.39	1.40	99.29	---	PASS
	Ant1	5200	1.39	1.40	99.29	---	PASS
	Ant2	5200	1.39	1.40	99.29	---	PASS
	Ant1	5240	1.39	1.40	99.29	---	PASS
	Ant2	5240	1.39	1.40	99.29	---	PASS
	Ant1	5745	1.39	1.40	99.29	---	PASS
	Ant2	5745	1.39	1.40	99.29	---	PASS
	Ant1	5785	1.39	1.41	98.58	---	PASS
	Ant2	5785	1.39	1.40	99.29	---	PASS
	Ant1	5825	1.39	1.40	99.29	---	PASS
	Ant2	5825	1.39	1.40	99.29	---	PASS
11N20SISO	Ant1	5180	1.30	1.31	99.24	---	PASS
	Ant2	5180	1.30	1.31	99.24	---	PASS
	Ant1	5200	1.30	1.31	99.24	---	PASS
	Ant2	5200	1.30	1.31	99.24	---	PASS
	Ant1	5240	1.30	1.31	99.24	---	PASS
	Ant2	5240	1.30	1.31	99.24	---	PASS
	Ant1	5745	1.30	1.31	99.24	---	PASS
	Ant2	5745	1.29	1.31	98.47	---	PASS
	Ant1	5785	1.29	1.31	98.47	---	PASS
	Ant2	5785	1.30	1.31	99.24	---	PASS
	Ant1	5825	1.30	1.31	99.24	---	PASS
	Ant2	5825	1.30	1.31	99.24	---	PASS
11N40SISO	Ant1	5190	0.64	0.66	96.97	---	PASS
	Ant2	5190	0.65	0.66	98.48	---	PASS
	Ant1	5230	0.65	0.66	98.48	---	PASS
	Ant2	5230	0.64	0.66	96.97	---	PASS
	Ant1	5755	0.65	0.66	98.48	---	PASS
	Ant2	5755	0.65	0.66	98.48	---	PASS
	Ant1	5795	0.64	0.66	96.97	---	PASS
	Ant2	5795	0.64	0.66	96.97	---	PASS
11AC20SISO	Ant1	5180	1.32	1.33	99.25	---	PASS
	Ant2	5180	1.31	1.33	98.50	---	PASS
	Ant1	5200	1.31	1.33	98.50	---	PASS
	Ant2	5200	1.31	1.32	99.24	---	PASS
	Ant1	5240	1.32	1.33	99.25	---	PASS

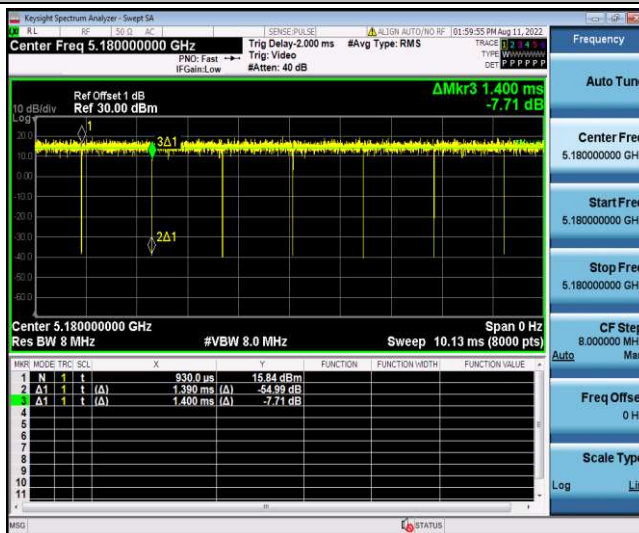


	Ant2	5240	1.31	1.32	99.24	---	PASS
	Ant1	5745	1.31	1.32	99.24	---	PASS
	Ant2	5745	1.31	1.33	98.50	---	PASS
	Ant1	5785	1.31	1.32	99.24	---	PASS
	Ant2	5785	1.32	1.33	99.25	---	PASS
	Ant1	5825	1.31	1.32	99.24	---	PASS
	Ant2	5825	1.31	1.33	98.50	---	PASS
11AC40SISO	Ant1	5190	0.65	0.66	98.48	---	PASS
	Ant2	5190	0.65	0.66	98.48	---	PASS
	Ant1	5230	0.65	0.67	97.01	---	PASS
	Ant2	5230	0.65	0.66	98.48	---	PASS
	Ant1	5755	0.65	0.67	97.01	---	PASS
	Ant2	5755	0.65	0.67	97.01	---	PASS
	Ant1	5795	0.65	0.67	97.01	---	PASS
11AC80SISO	Ant2	5795	0.65	0.66	98.48	---	PASS
	Ant1	5210	0.32	0.33	96.97	---	PASS
	Ant2	5210	0.32	0.33	96.97	---	PASS
	Ant1	5775	0.32	0.34	94.12	---	PASS
	Ant2	5775	0.32	0.33	96.97	---	PASS

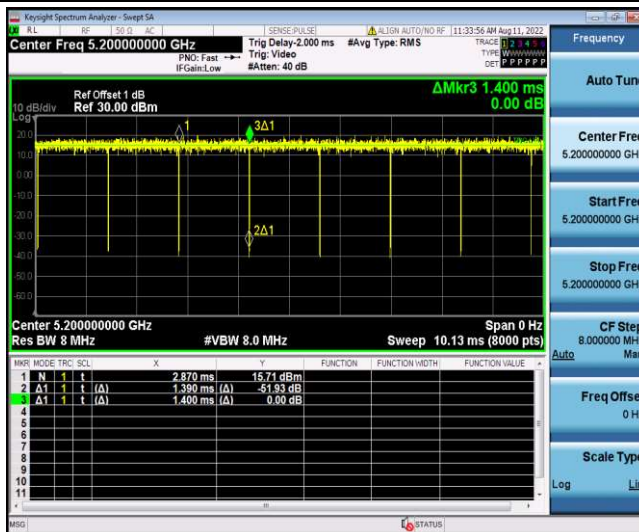
### Test Graphs



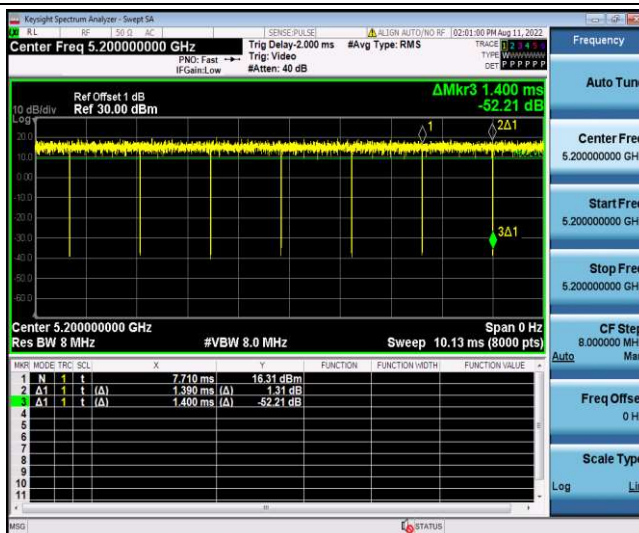
11A\_Ant1\_5180



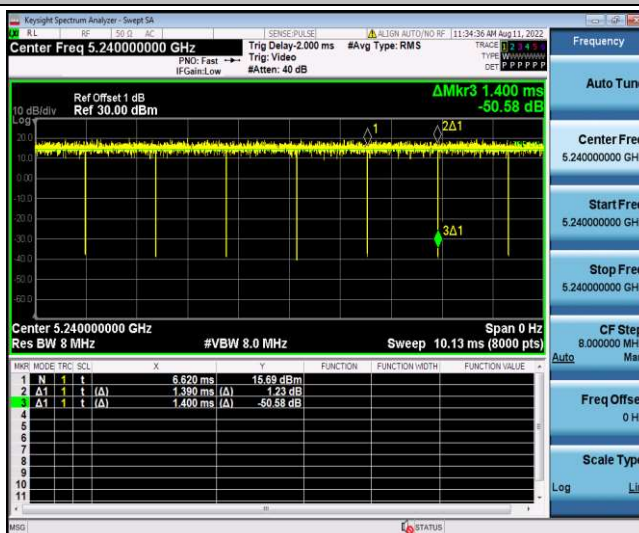
11A\_Ant2\_5180



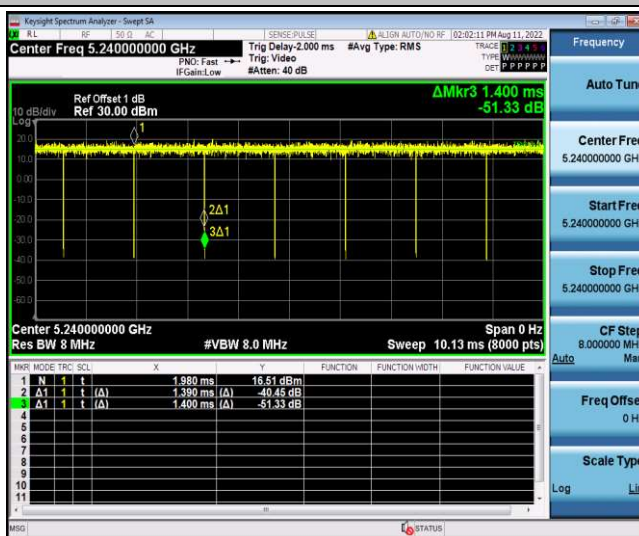
11A\_Ant1\_5200



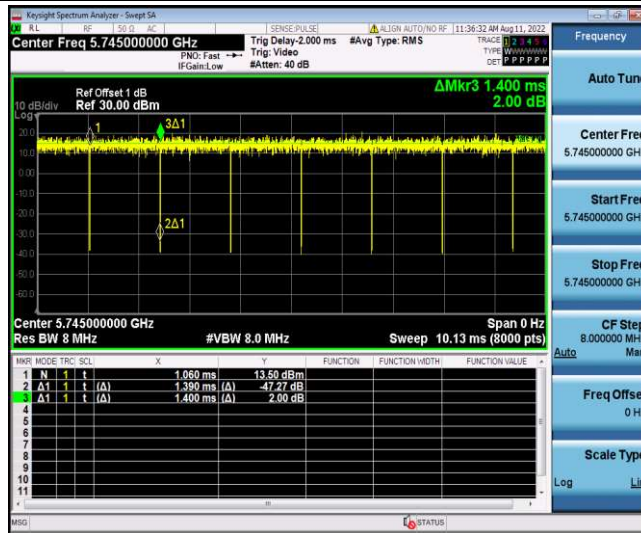
11A\_Ant2\_5200



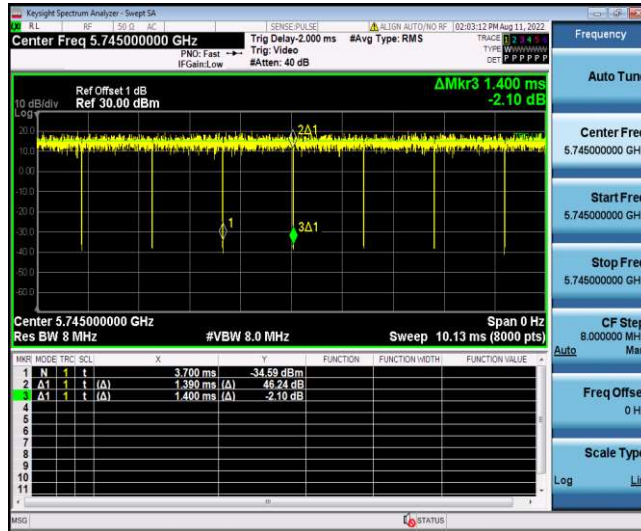
11A\_Ant1\_5240



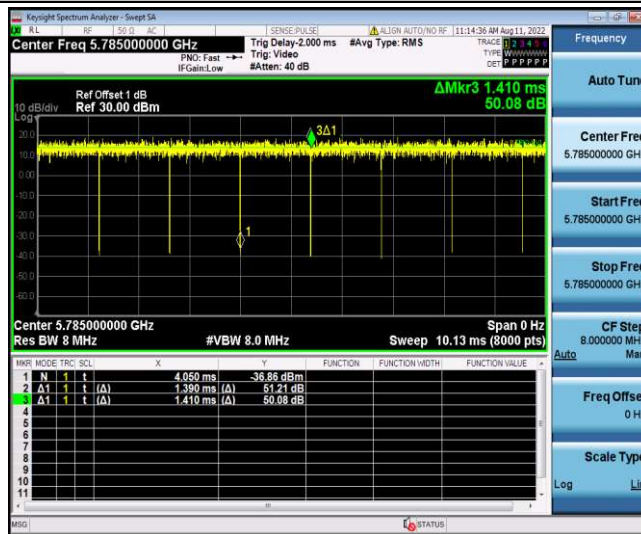
11A\_Ant2\_5240



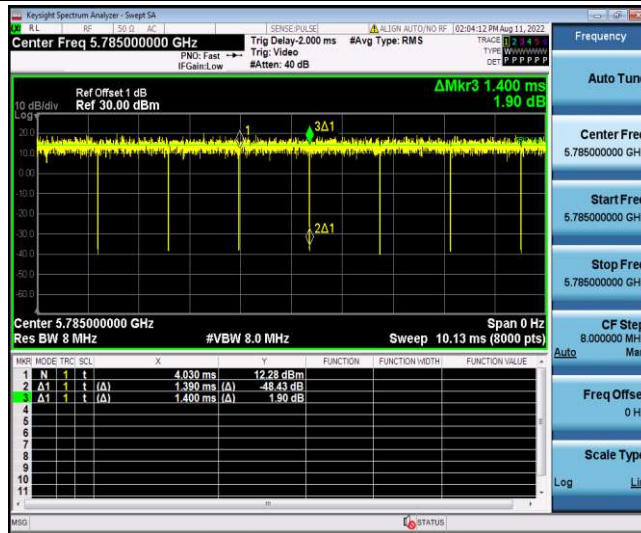
11A\_Ant1\_5745



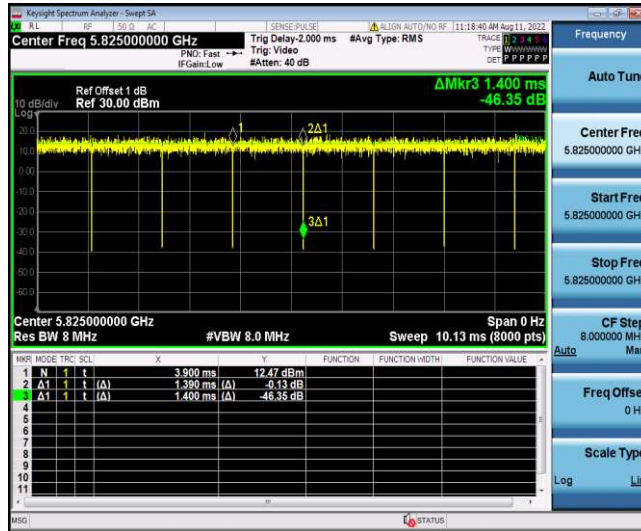
11A\_Ant2\_5745



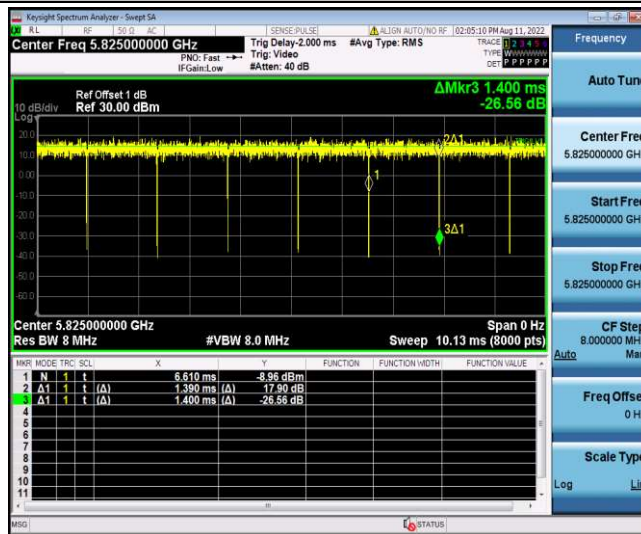
11A\_Ant1\_5785



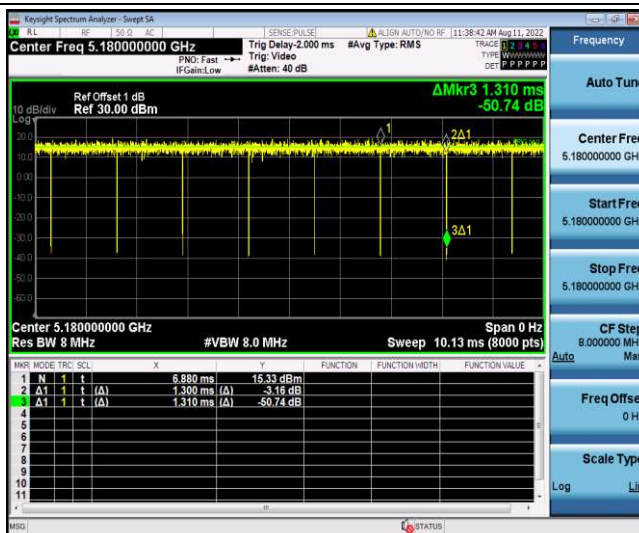
11A\_Ant2\_5785



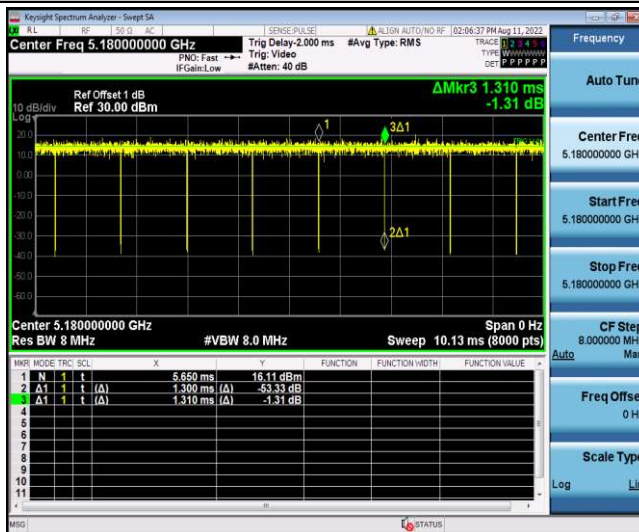
11A\_Ant1\_5825



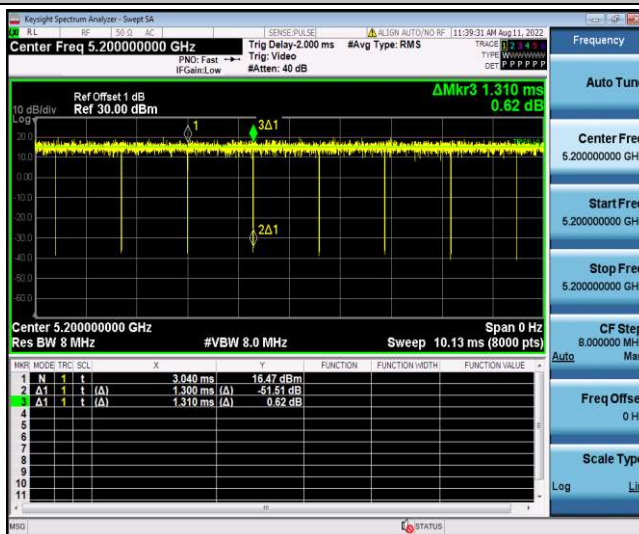
11A\_Ant2\_5825



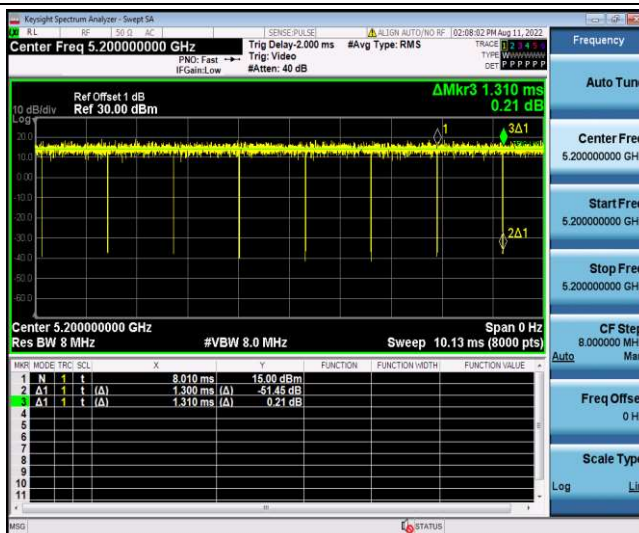
11N20SISO\_Ant1\_5180



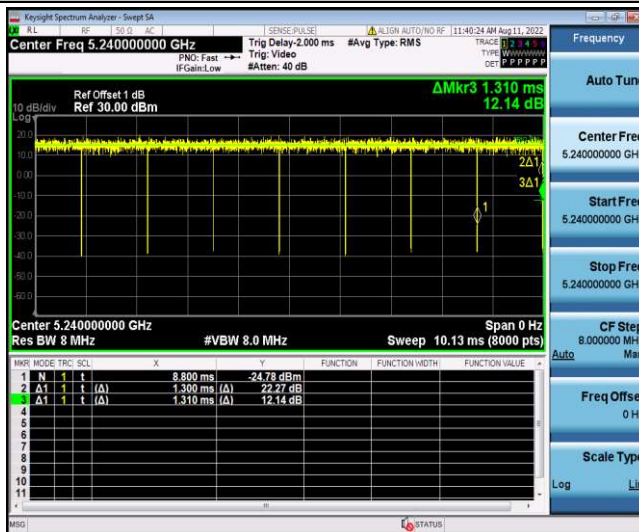
11N20SISO\_Ant2\_5180



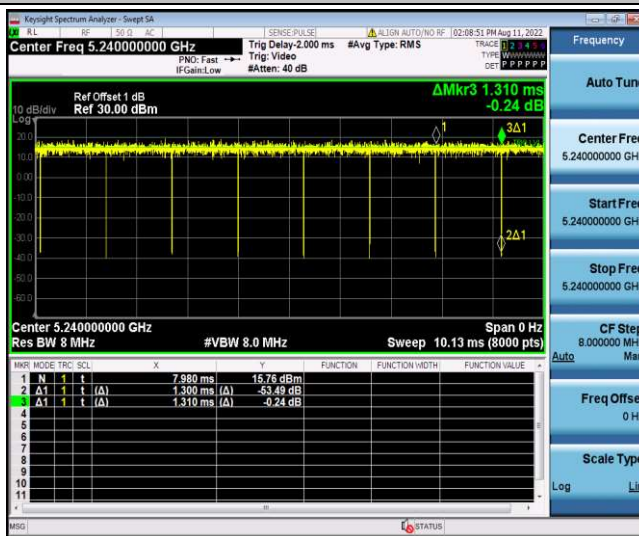
11N20SISO\_Ant1\_5200



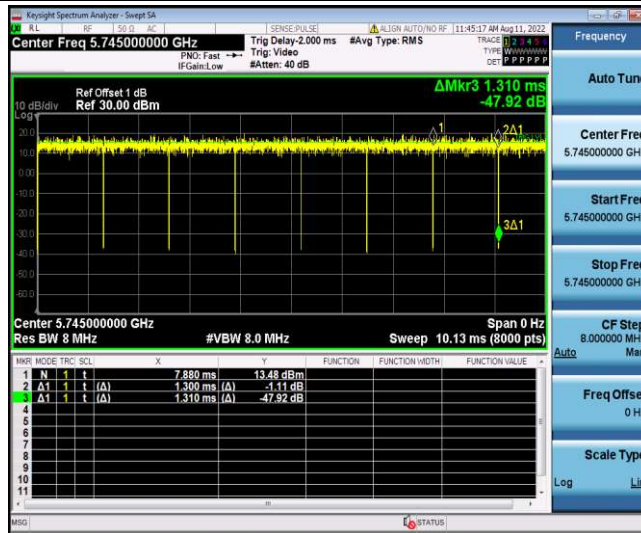
11N20SISO\_Ant2\_5200



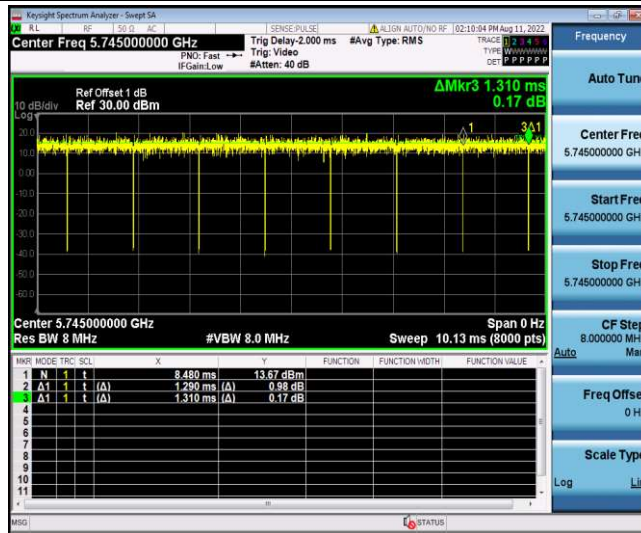
11N20SISO\_Ant1\_5240



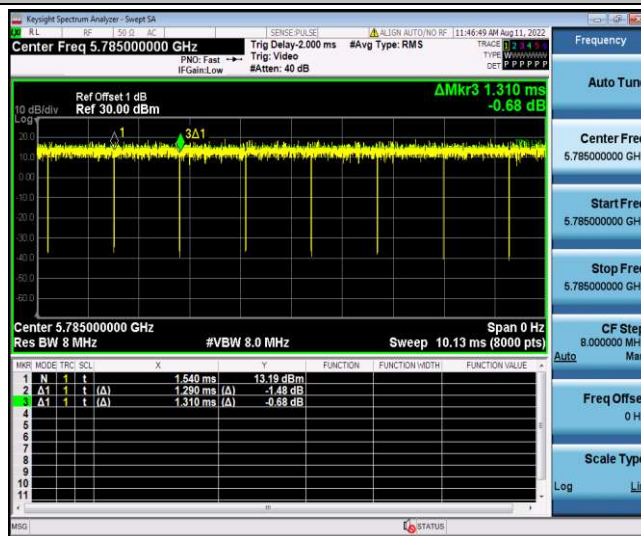
11N20SISO\_Ant2\_5240



11N20SISO\_Ant1\_5745

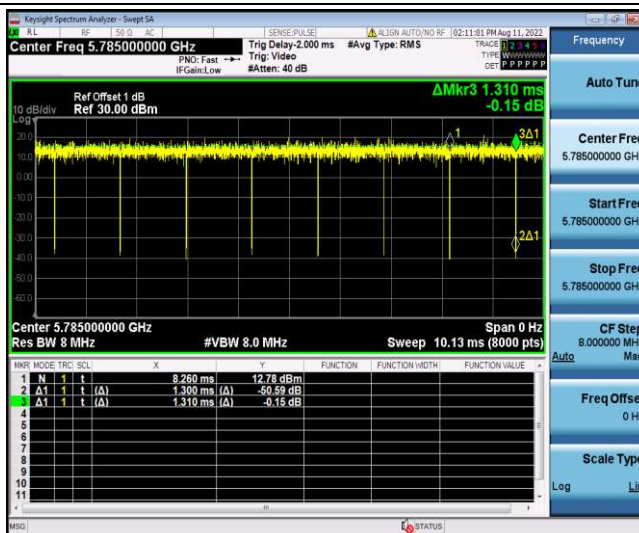


11N20SISO\_Ant2\_5745

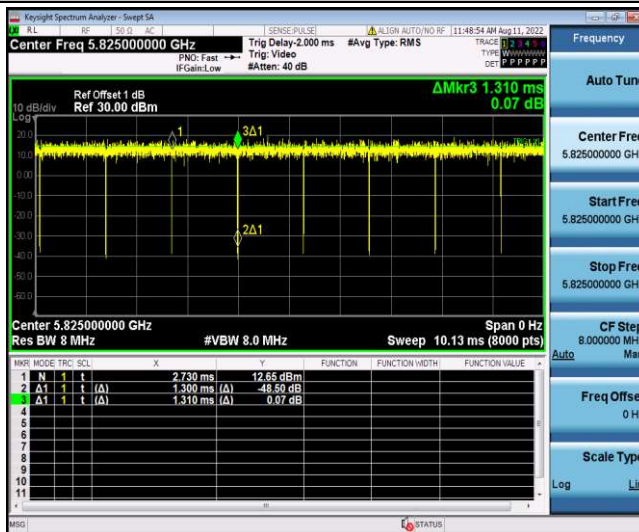


11N20SISO\_Ant1\_5785

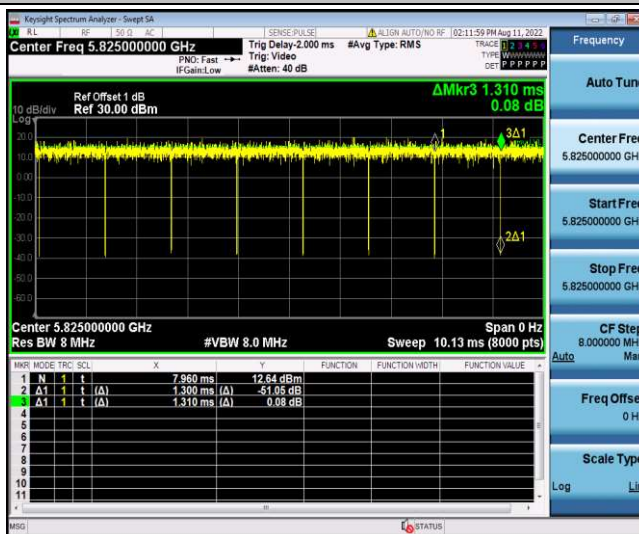




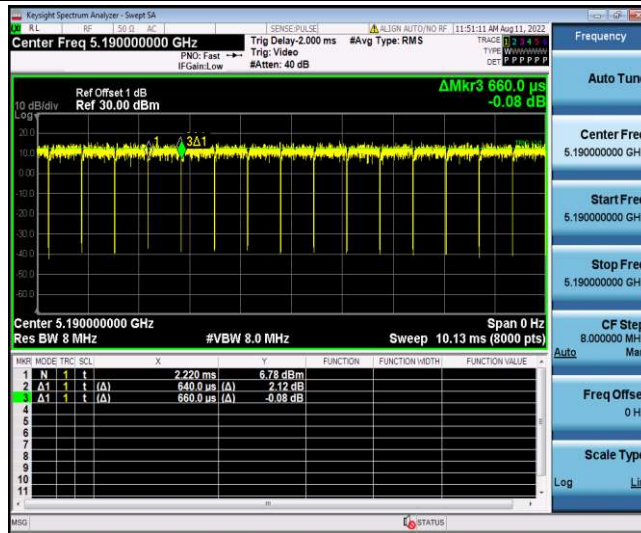
11N20SISO\_Ant2\_5785



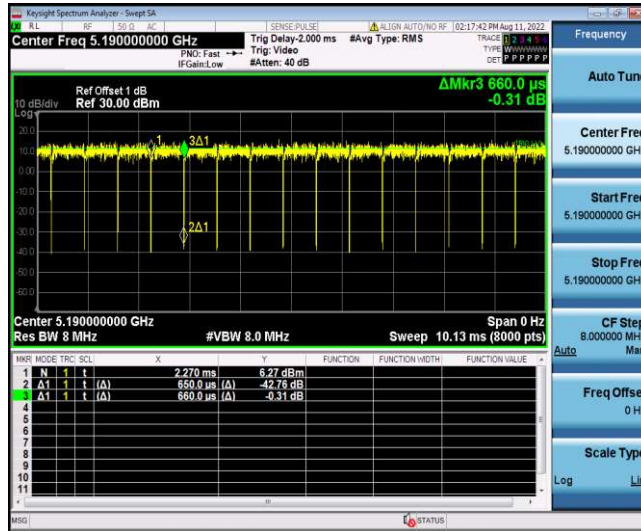
11N20SISO\_Ant1\_5825



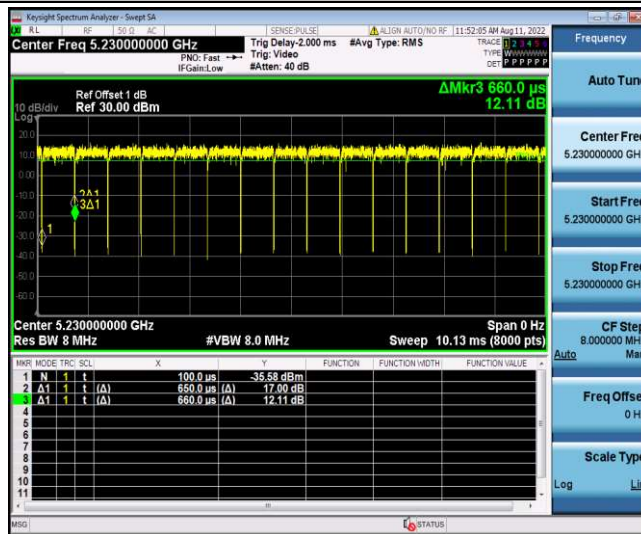
11N20SISO\_Ant2\_5825



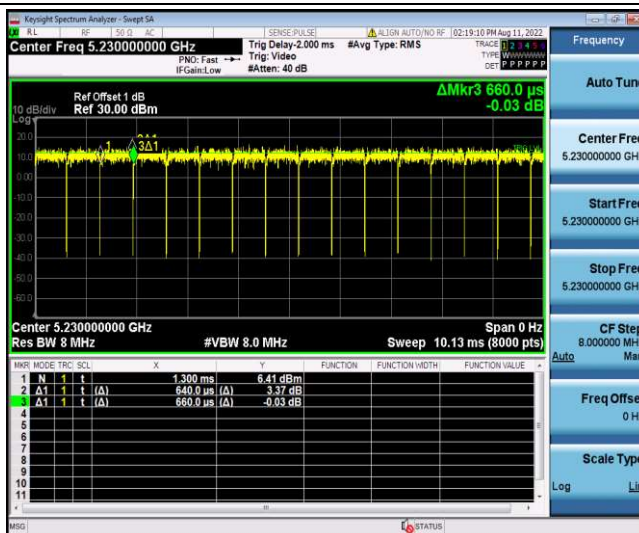
11N40SISO\_Ant1\_5190



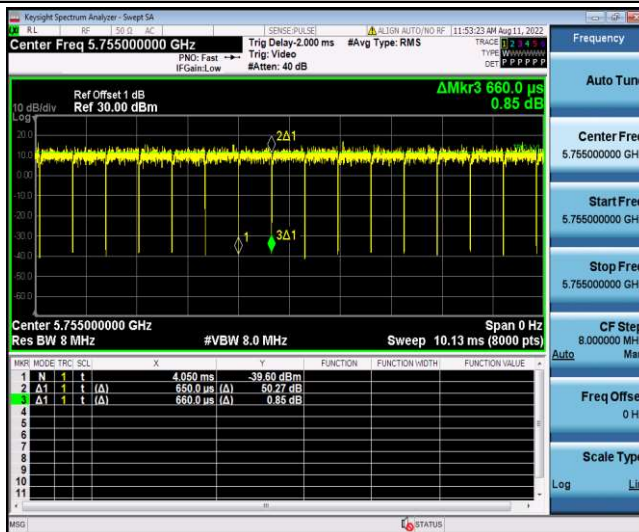
11N40SISO\_Ant2\_5190



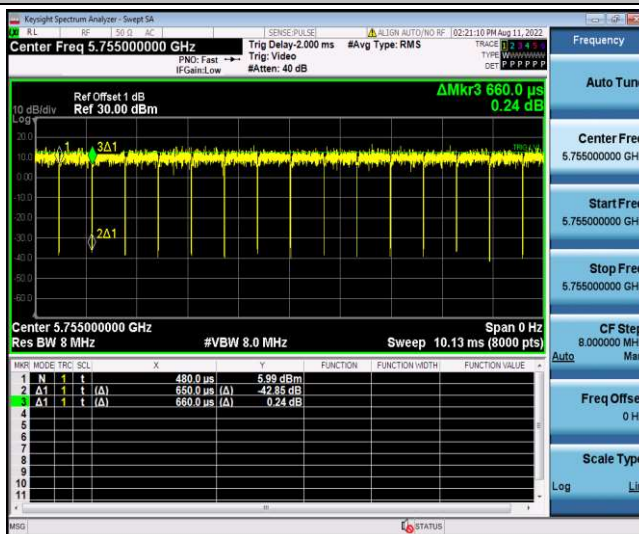
11N40SISO\_Ant1\_5230



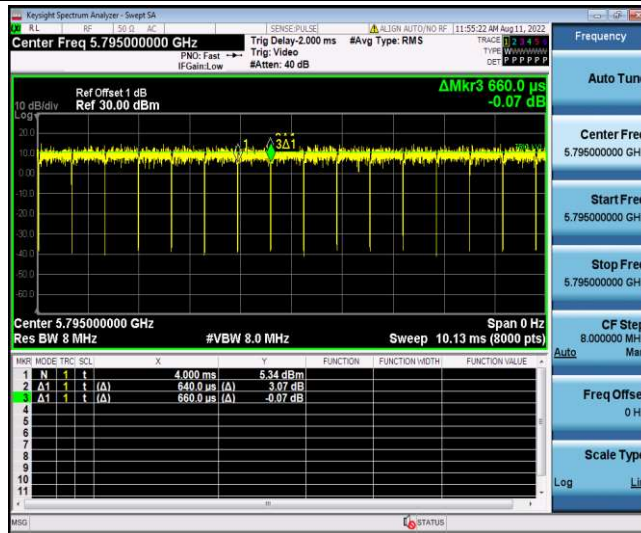
11N40SISO\_Ant2\_5230



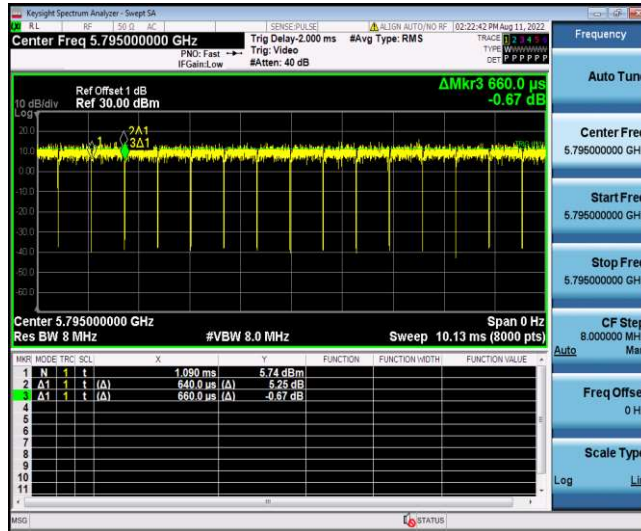
11N40SISO\_Ant1\_5755



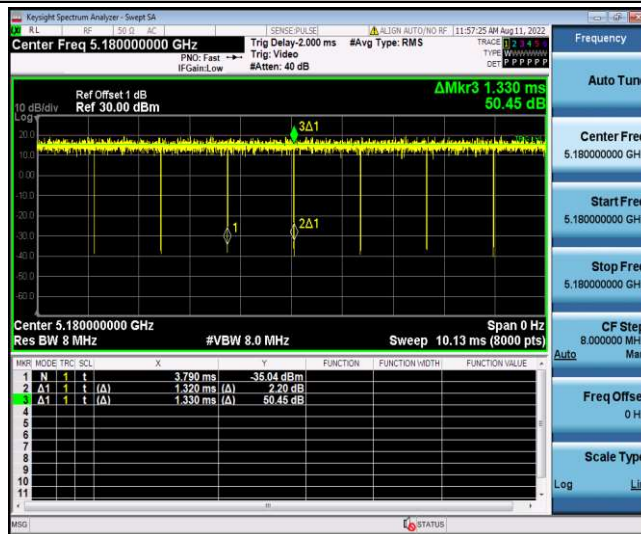
11N40SISO\_Ant2\_5755



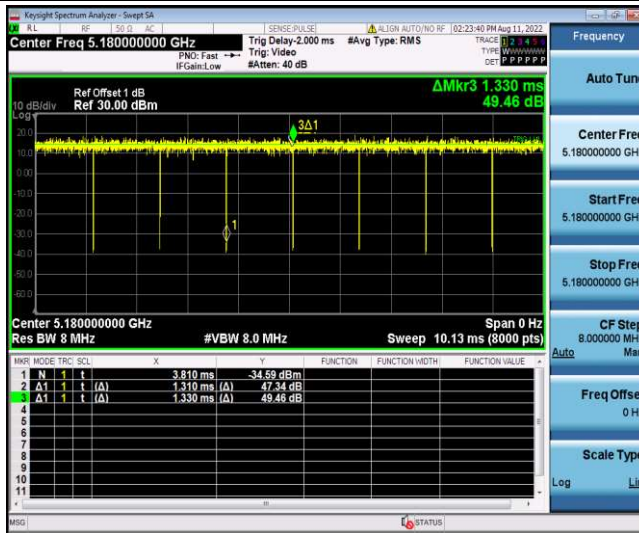
11N40SISO\_Ant1\_5795



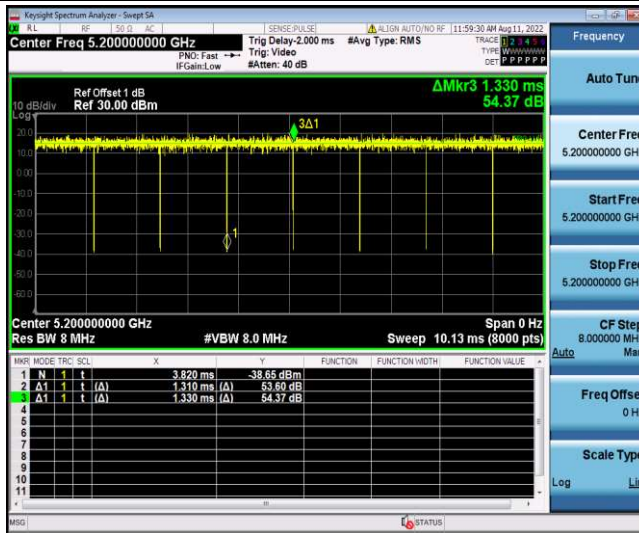
11N40SISO\_Ant2\_5795



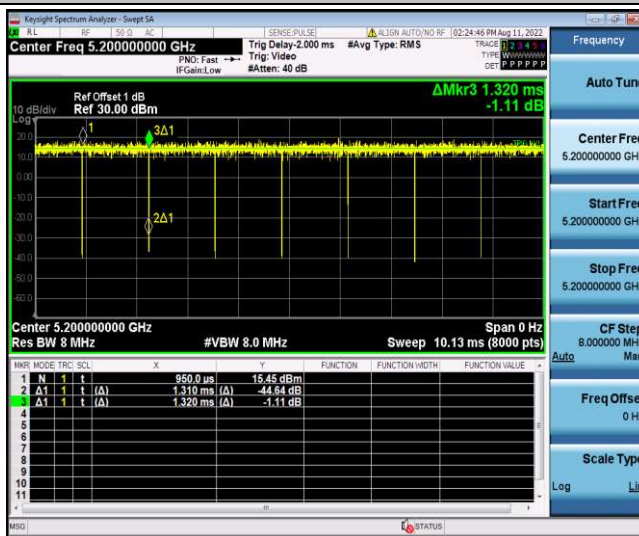
11AC20SISO\_Ant1\_5180



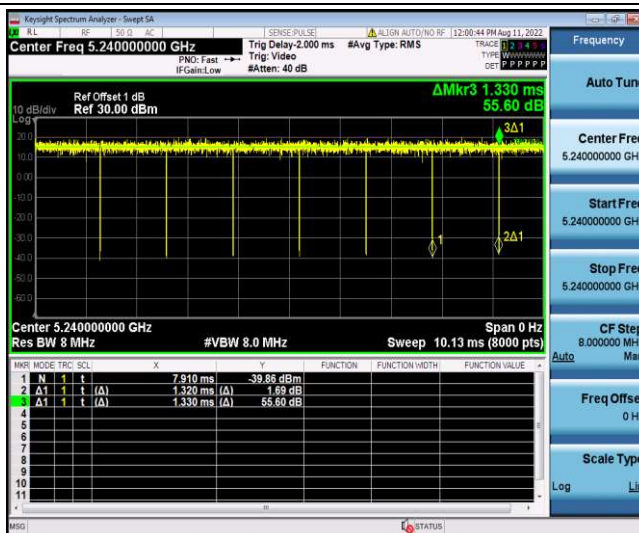
11AC20SISO\_Ant2\_5180



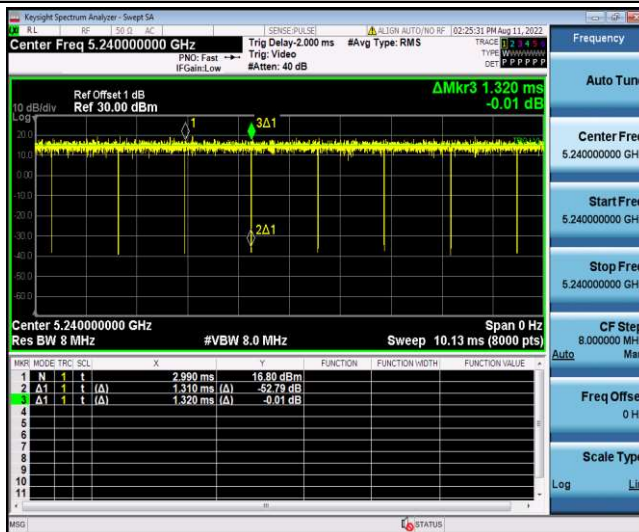
11AC20SISO\_Ant1\_5200



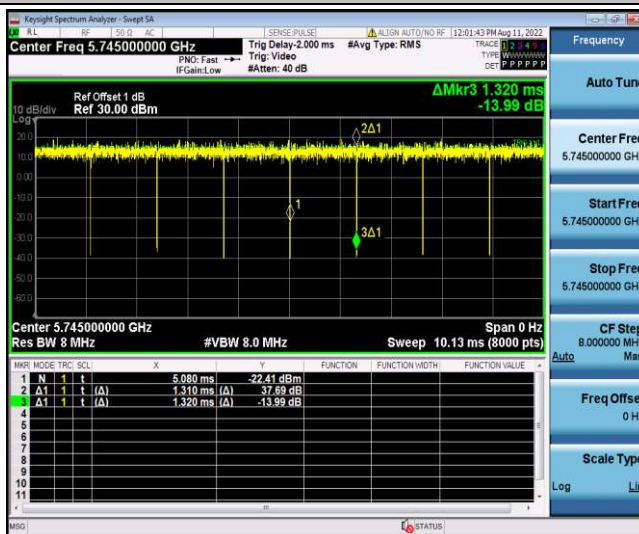
11AC20SISO\_Ant2\_5200



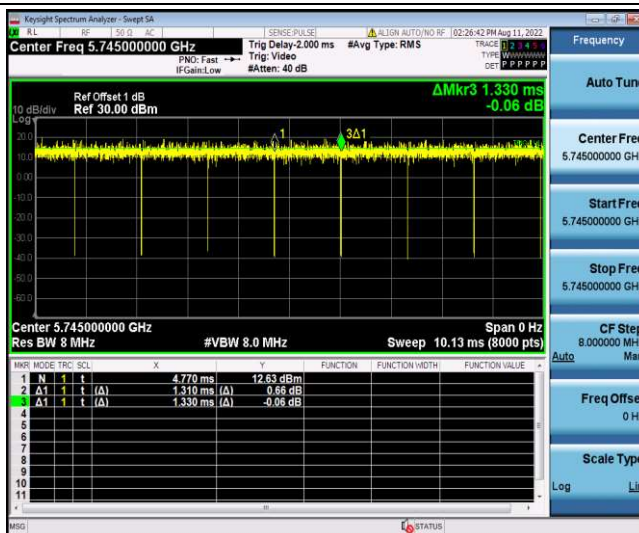
11AC20SISO\_Ant1\_5240



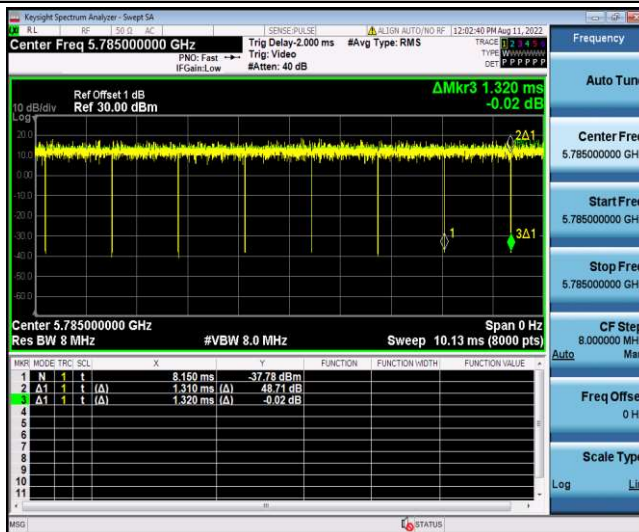
11AC20SISO\_Ant2\_5240



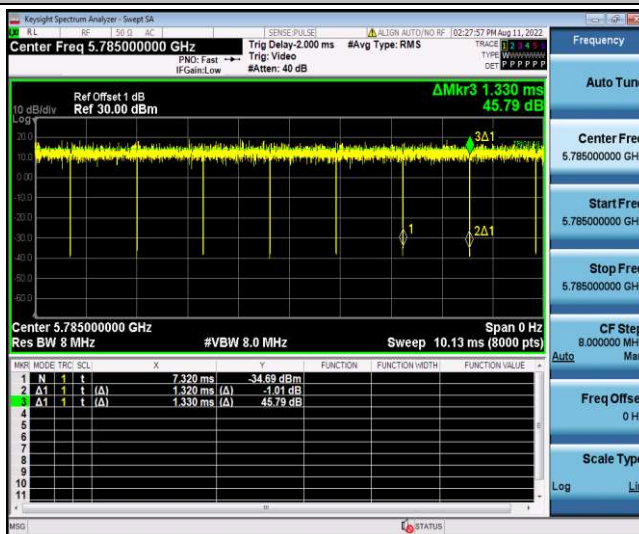
11AC20SISO\_Ant1\_5745



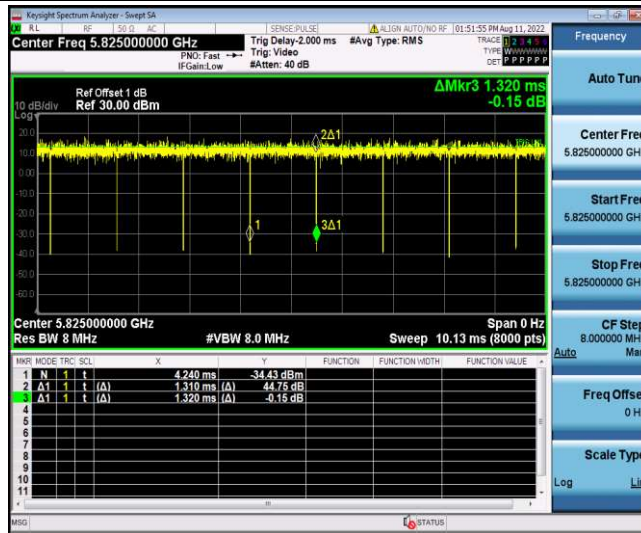
11AC20SISO\_Ant2\_5745



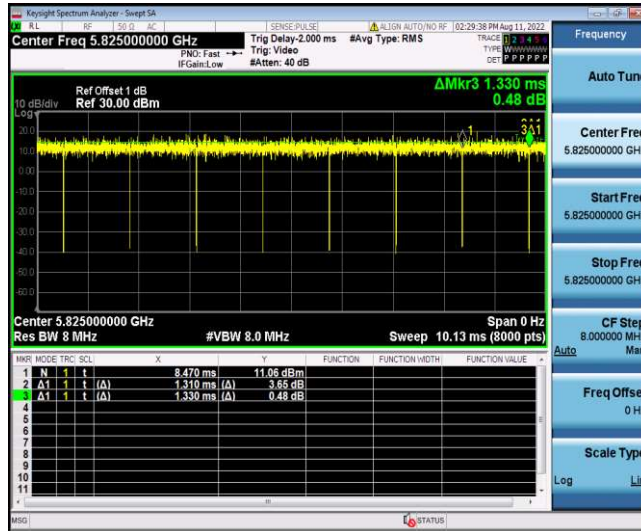
11AC20SISO\_Ant1\_5785



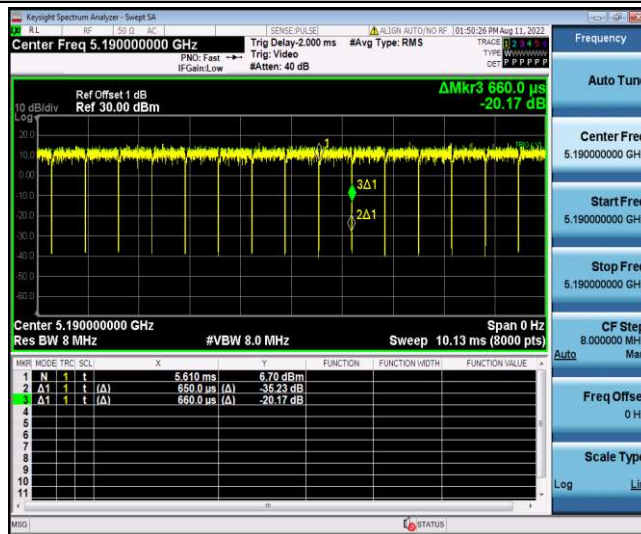
11AC20SISO\_Ant2\_5785



11AC20SISO\_Ant1\_5825

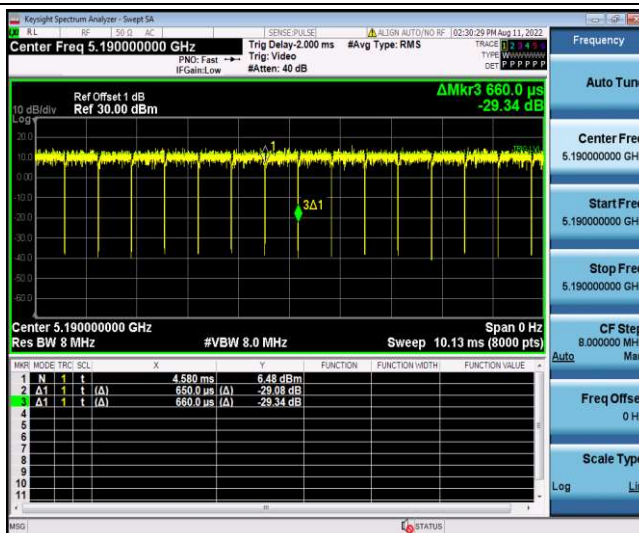


11AC20SISO\_Ant2\_5825

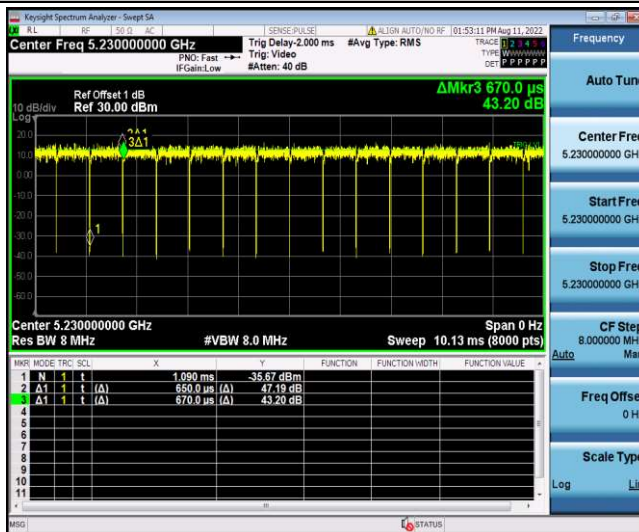


11AC40SISO\_Ant1\_5190

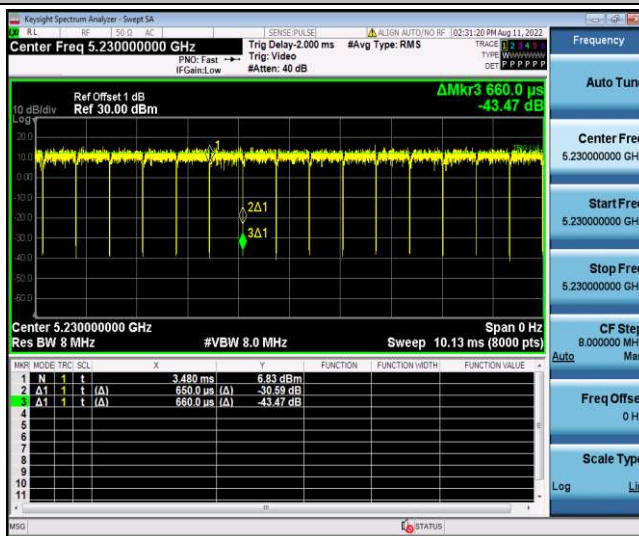




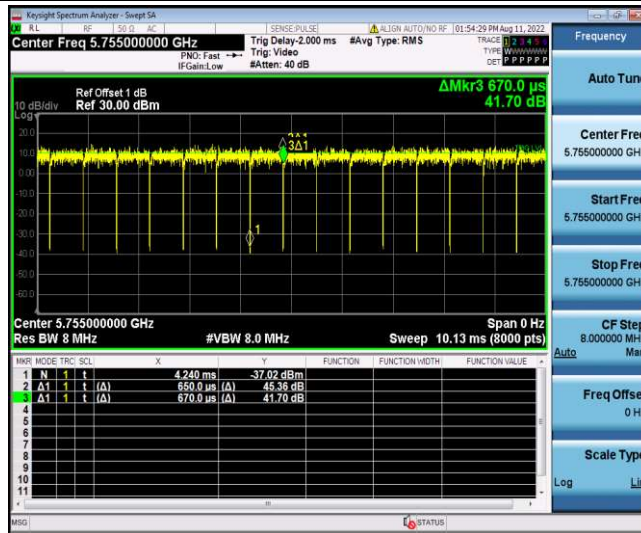
11AC40SISO\_Ant2\_5190



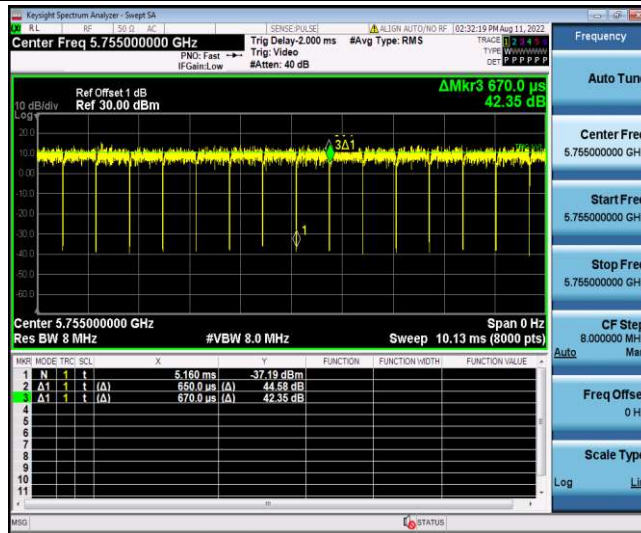
11AC40SISO\_Ant1\_5230



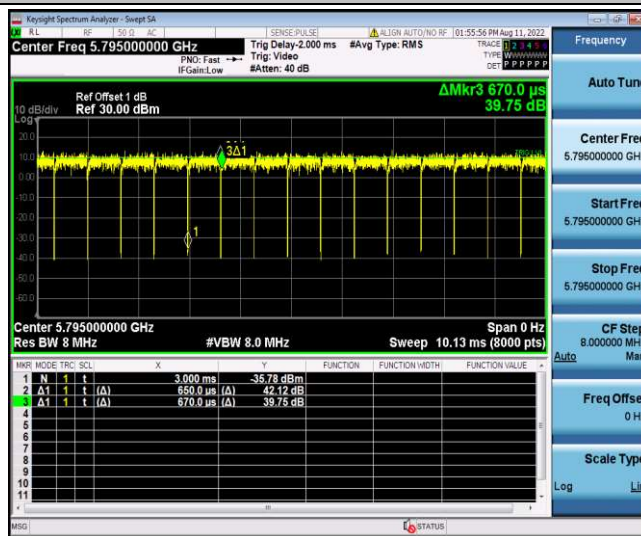
11AC40SISO\_Ant2\_5230



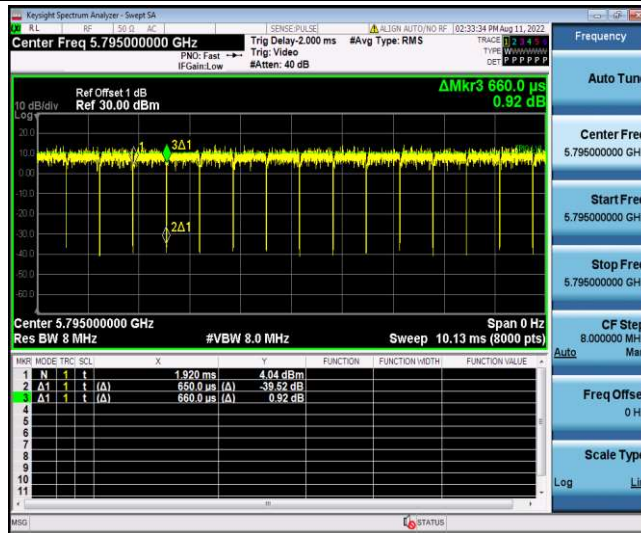
11AC40SISO\_Ant1\_5755



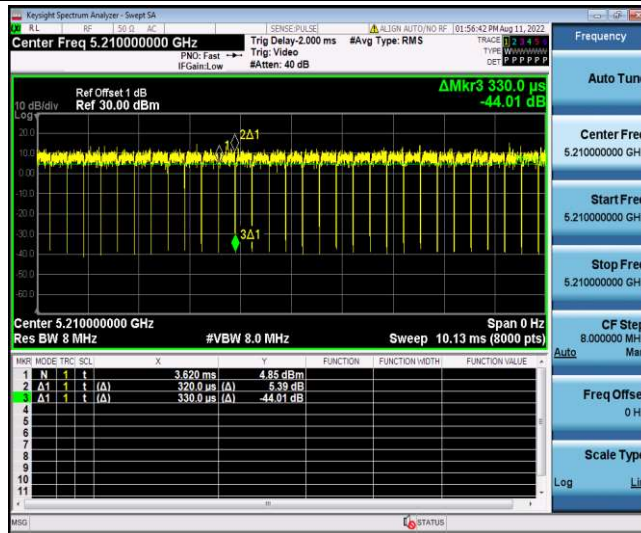
11AC40SISO\_Ant2\_5755



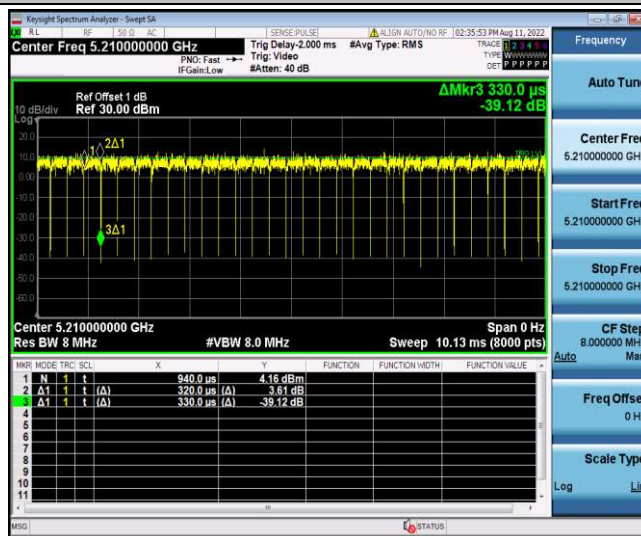
11AC40SISO\_Ant1\_5795



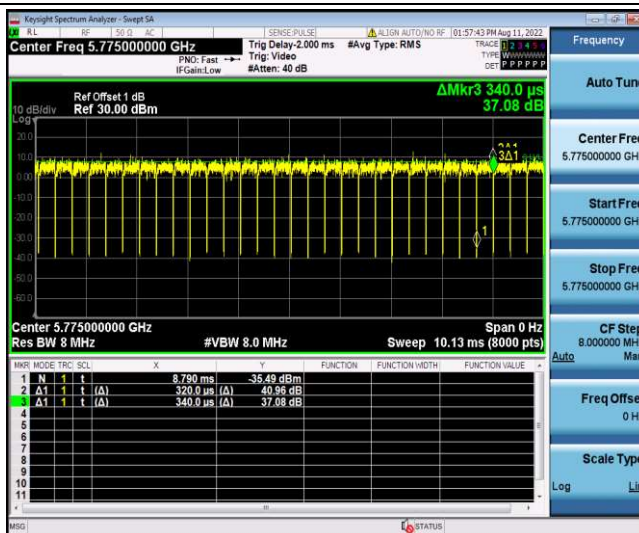
11AC40SISO\_Ant2\_5795



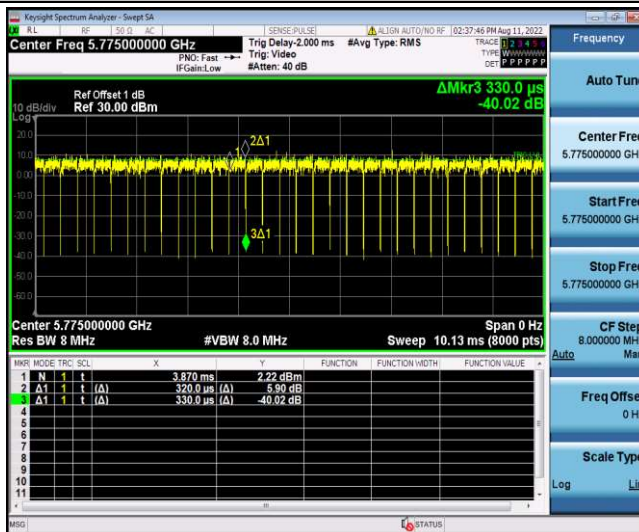
11AC80SISO\_Ant1\_5210



11AC80SISO\_Ant2\_5210



11AC80SISO\_Ant1\_5775



11AC80SISO\_Ant2\_5775

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