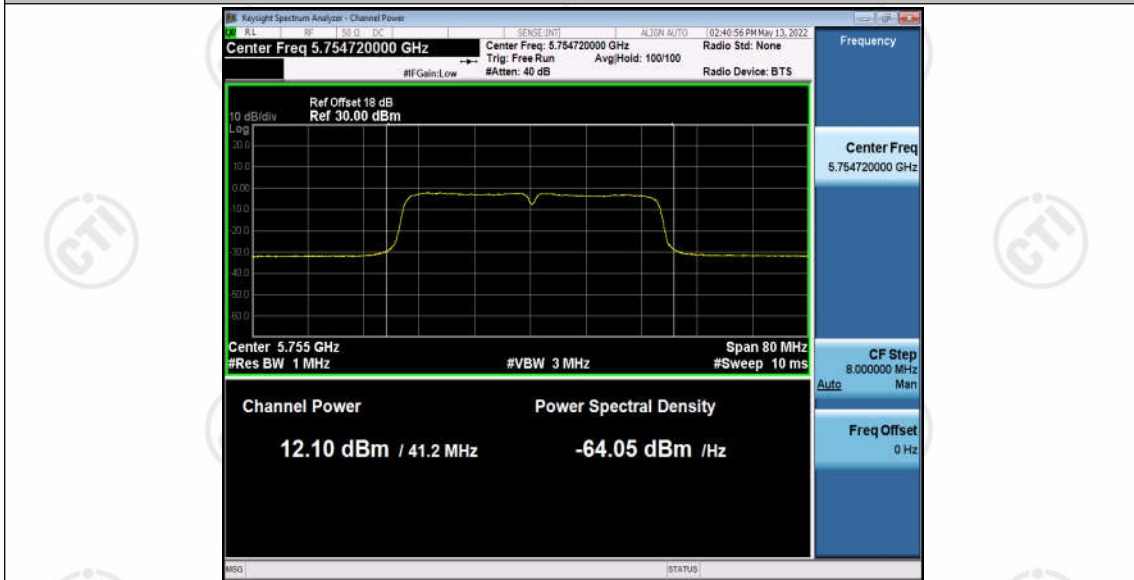
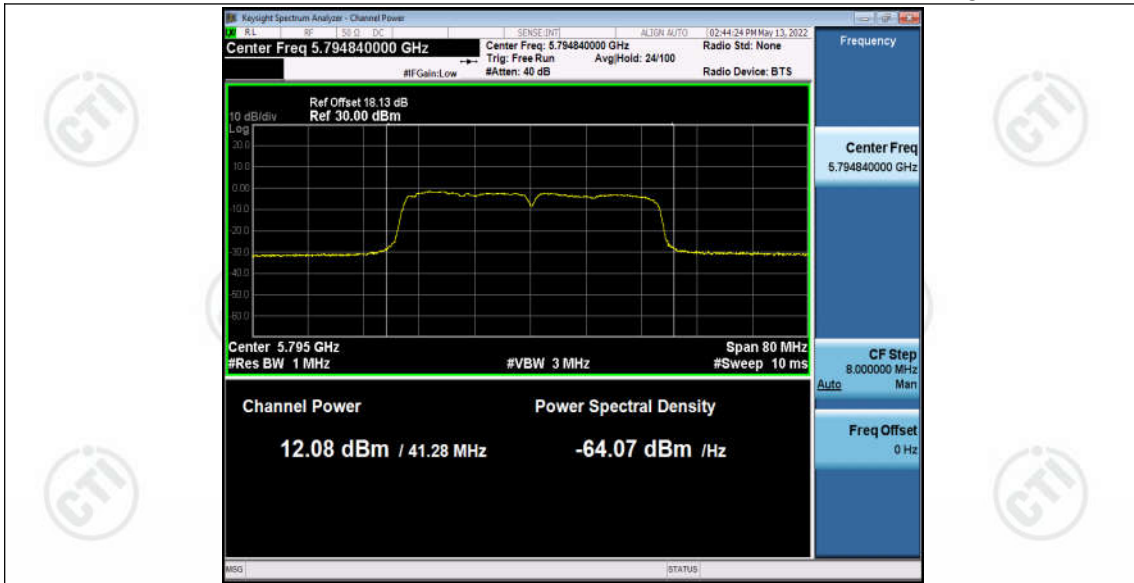


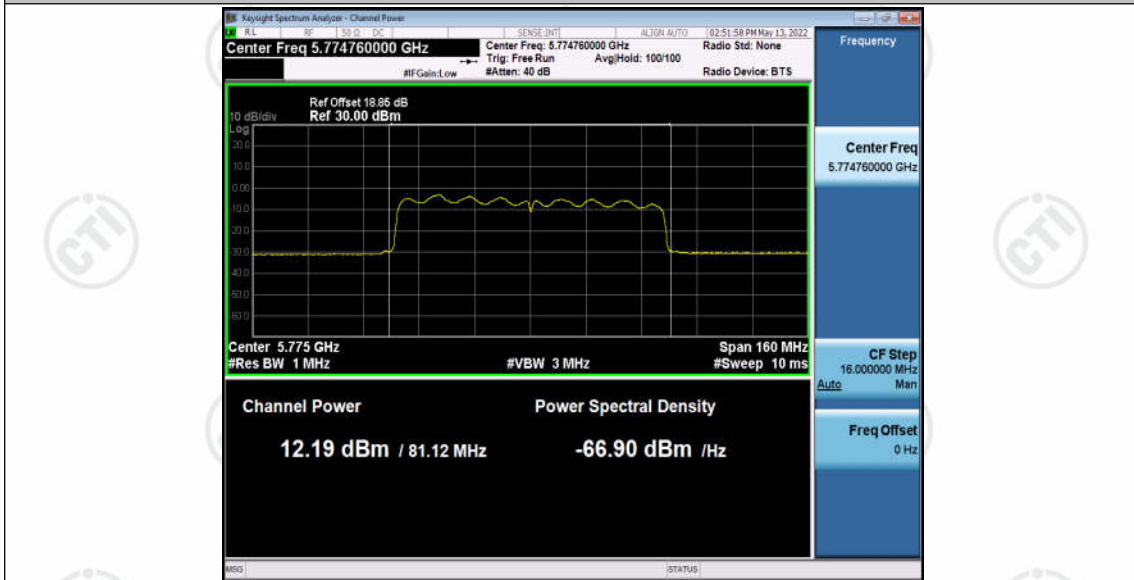
11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5775



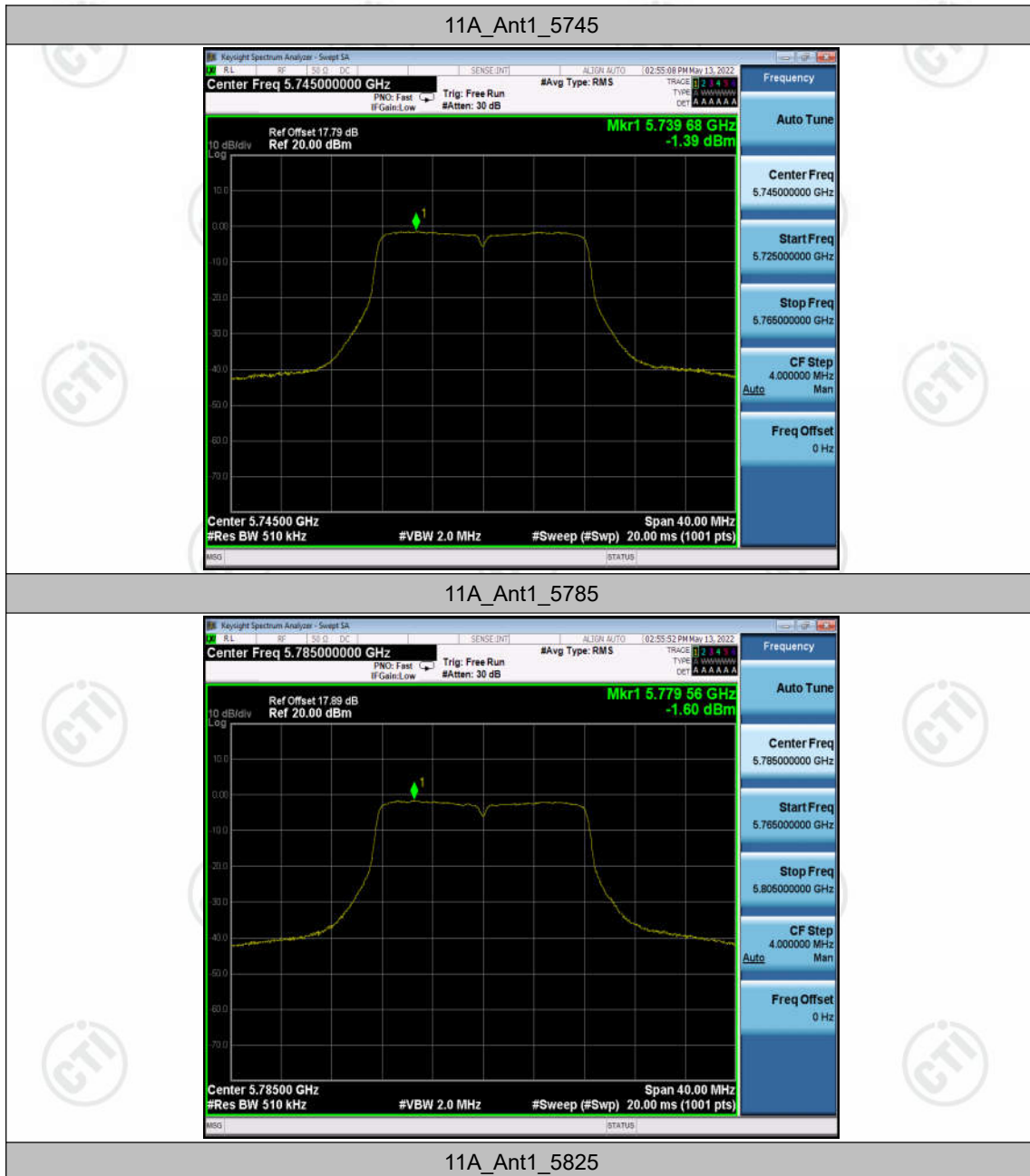
## Appendix D: Maximum power spectral density

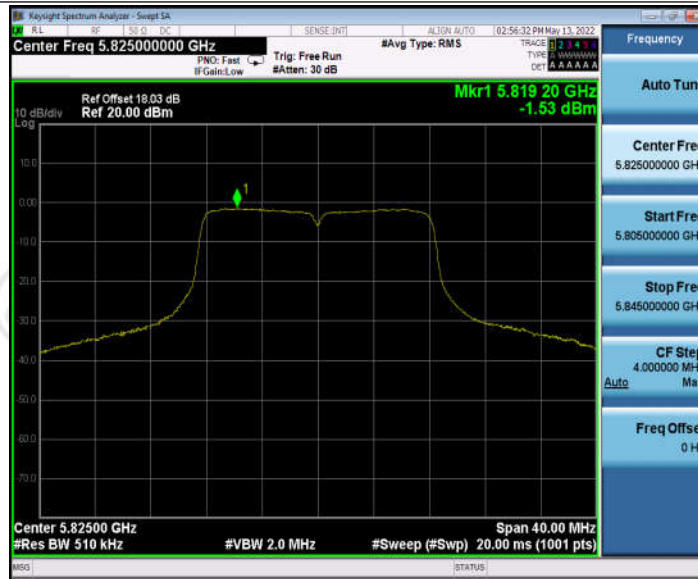
### Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-1.39	≤30.00	PASS
		5785	-1.6	≤30.00	PASS
		5825	-1.53	≤30.00	PASS
11N20SISO	Ant1	5745	-2.28	≤30.00	PASS
		5785	-2.24	≤30.00	PASS
		5825	-2.42	≤30.00	PASS
11N40SISO	Ant1	5755	-4.85	≤30.00	PASS
		5795	-4.87	≤30.00	PASS
11AC20SISO	Ant1	5745	-2.14	≤30.00	PASS
		5785	-2.26	≤30.00	PASS
		5825	-2.37	≤30.00	PASS
11AC40SISO	Ant1	5755	-5.09	≤30.00	PASS
		5795	-5.12	≤30.00	PASS
11AC80SISO	Ant1	5775	-6.12	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.  
 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

## Test Graphs





11N20SISO\_Ant1\_5745



11N20SISO\_Ant1\_5785



11N20SISO\_Ant1\_5825



11N40SISO\_Ant1\_5755



11N40SISO\_Ant1\_5795



11AC20SISO\_Ant1\_5745



11AC20SISO\_Ant1\_5785



11AC20SISO\_Ant1\_5825





11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5775



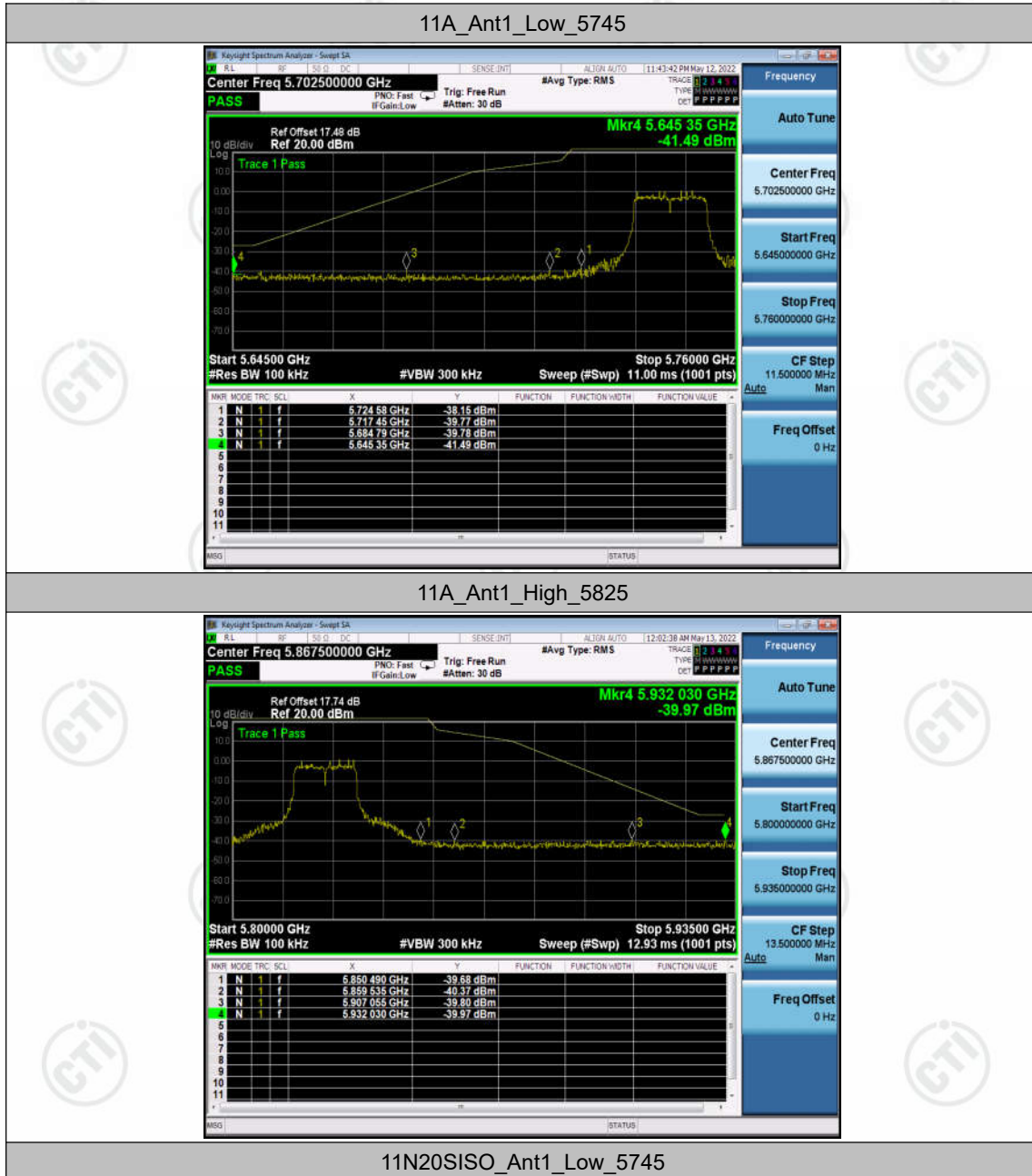
## Appendix E: Band edge measurements

### Test Result B4

Test Mode	Antenna	ChName	Frequency[ MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-39.78	≤-1.26	PASS
				5700~5720	-39.77	≤14.89	PASS
				5720~5725	-38.15	≤26.04	PASS
				5760~5650	-41.49	≤-27	PASS
		High	5825	5850~5855	-39.68	≤16.72	PASS
				5855~5875	-40.37	≤11.27	PASS
				5875~5925	-39.8	≤-3.28	PASS
5925~5935	-39.97	≤-27	PASS				
11N20SI SO	Ant1	Low	5745	5650~5700	-39.16	≤-25.42	PASS
				5700~5720	-40.32	≤15.59	PASS
				5720~5725	-40.16	≤24.47	PASS
				5760~5650	-41.3	≤-27	PASS
		High	5825	5850~5855	-39.72	≤20.41	PASS
				5855~5875	-39.58	≤11.87	PASS
				5875~5925	-39.13	≤-6.38	PASS
5925~5935	-40	≤-27	PASS				
11N40SI SO	Ant1	Low	5755	5650~5700	-40.96	≤-16.71	PASS
				5700~5720	-38.76	≤14.48	PASS
				5720~5725	-37.52	≤19.12	PASS
				5780~5650	-40.97	≤-27	PASS
		High	5795	5850~5855	-39.72	≤25.06	PASS
				5855~5875	-39.33	≤12.95	PASS
				5875~5925	-39.62	≤-2.62	PASS
5925~5935	-39.96	≤-27	PASS				
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.59	≤2.06	PASS
				5700~5720	-41.13	≤13.92	PASS
				5720~5725	-39.69	≤25.26	PASS
				5760~5650	-41.74	≤-27	PASS
		High	5825	5850~5855	-38.81	≤16.41	PASS
				5855~5875	-39.39	≤10.10	PASS
				5875~5925	-39.92	≤1.12	PASS
5925~5935	-39.95	≤-27	PASS				
11AC40S ISO	Ant1	Low	5755	5650~5700	-40.52	≤-0.93	PASS
				5700~5720	-37.81	≤15.50	PASS
				5720~5725	-35.65	≤23.43	PASS

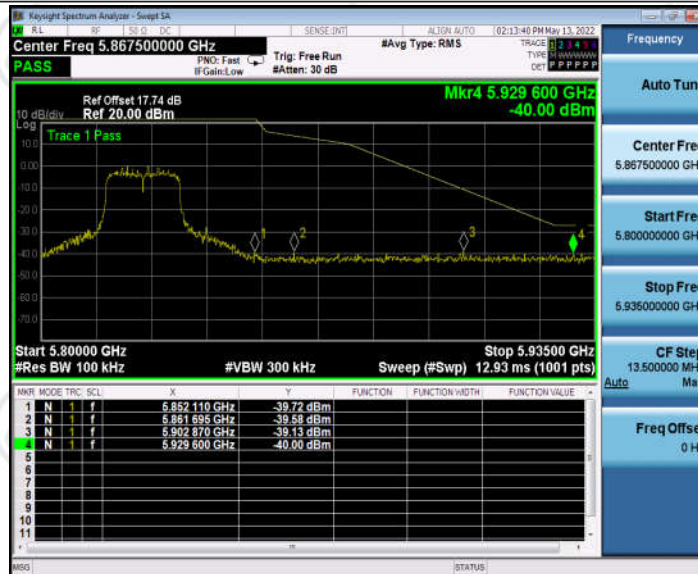
		High	5795	5780~5650	-42.13	$\leq -27$	PASS
				5850~5855	-41.01	$\leq 22.80$	PASS
				5855~5875	-40.23	$\leq 13.37$	PASS
				5875~5925	-39.53	$\leq -8.36$	PASS
				5925~5935	-40.47	$\leq -27$	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-39.81	$\leq -0.76$	PASS
				5700~5720	-38.11	$\leq 14.09$	PASS
				5720~5725	-37.62	$\leq 26.95$	PASS
				5800~5650	-40.77	$\leq -27$	PASS
		High	5775	5850~5855	-39.61	$\leq 17.06$	PASS
				5855~5875	-39.8	$\leq 11.37$	PASS
				5875~5925	-39.61	$\leq -12.17$	PASS
				5925~5935	-40.53	$\leq -27$	PASS

## Test Graphs B4





11N20SISO\_Ant1\_High\_5825



11N40SISO\_Ant1\_Low\_5755



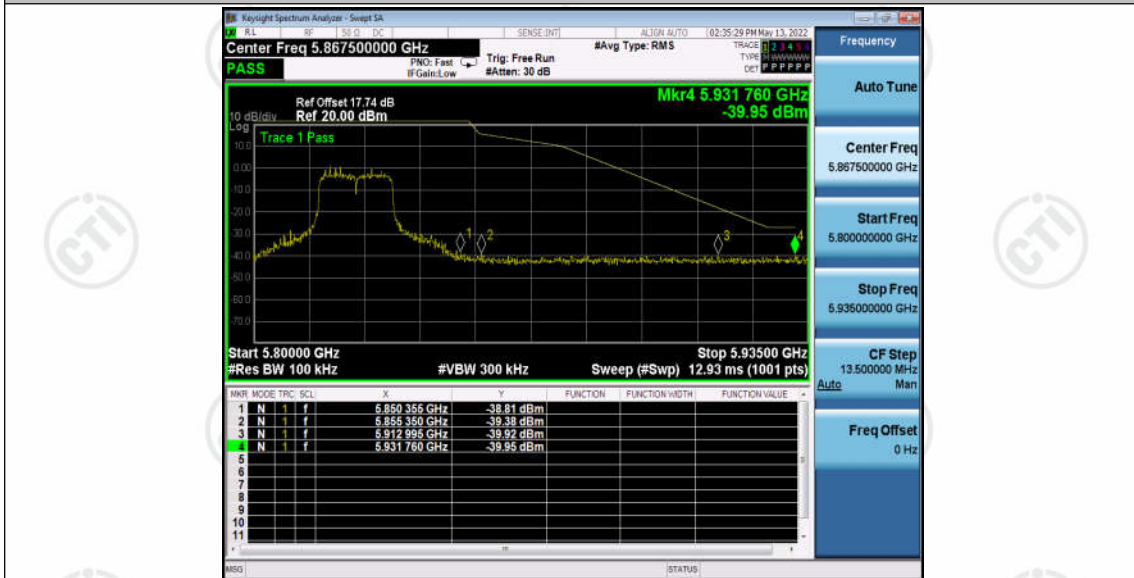
11N40SISO\_Ant1\_High\_5795



11AC20SISO\_Ant1\_Low\_5745



11AC20SISO\_Ant1\_High\_5825



11AC40SISO\_Ant1\_Low\_5755

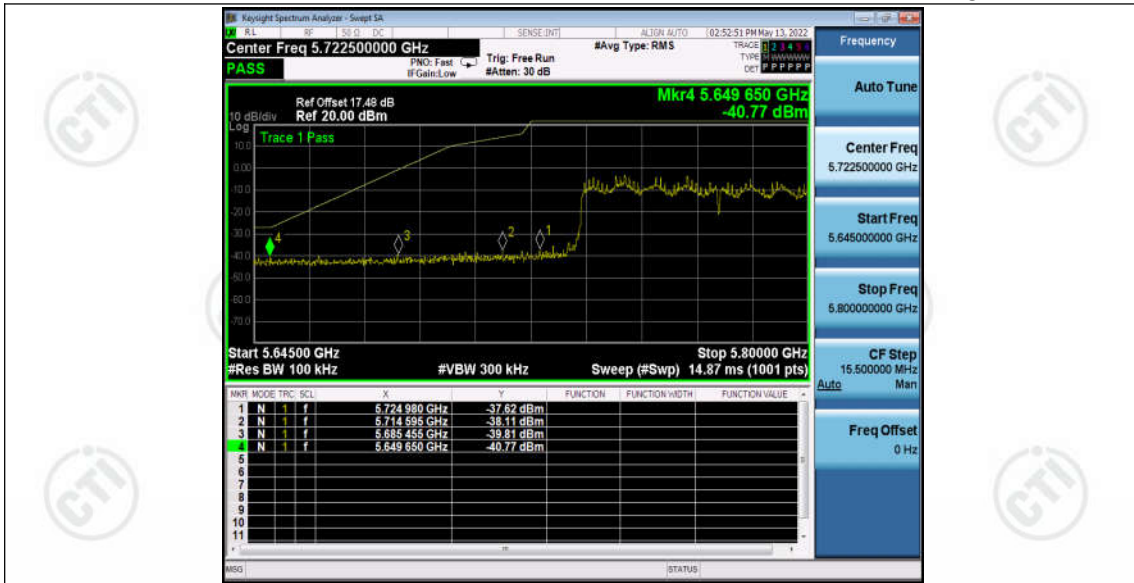




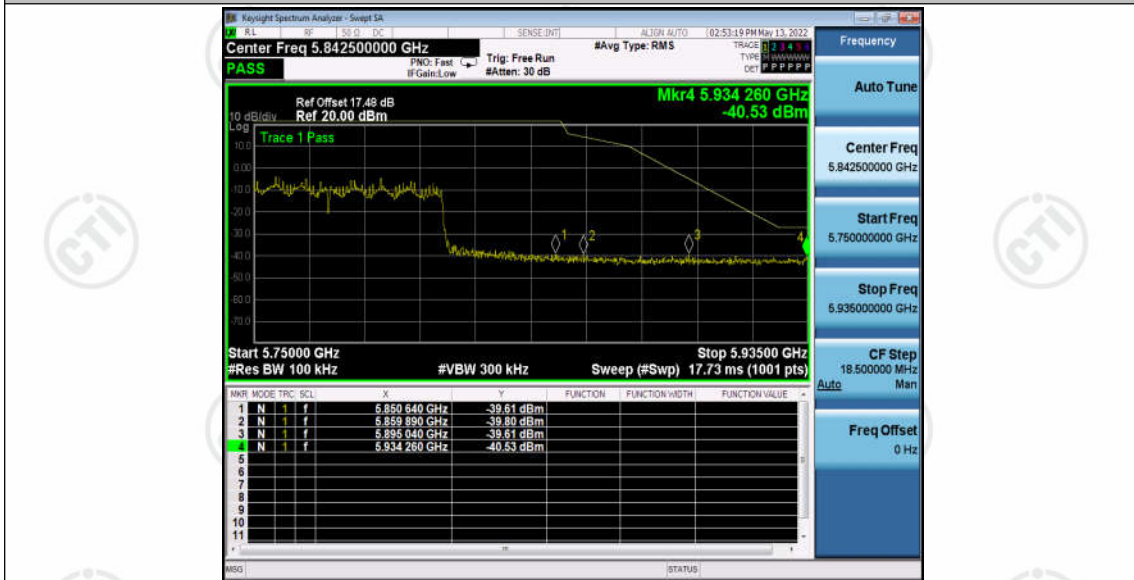
11AC40SISO\_Ant1\_High\_5795



11AC80SISO\_Ant1\_Low\_5775



11AC80SISO\_Ant1\_High\_5775



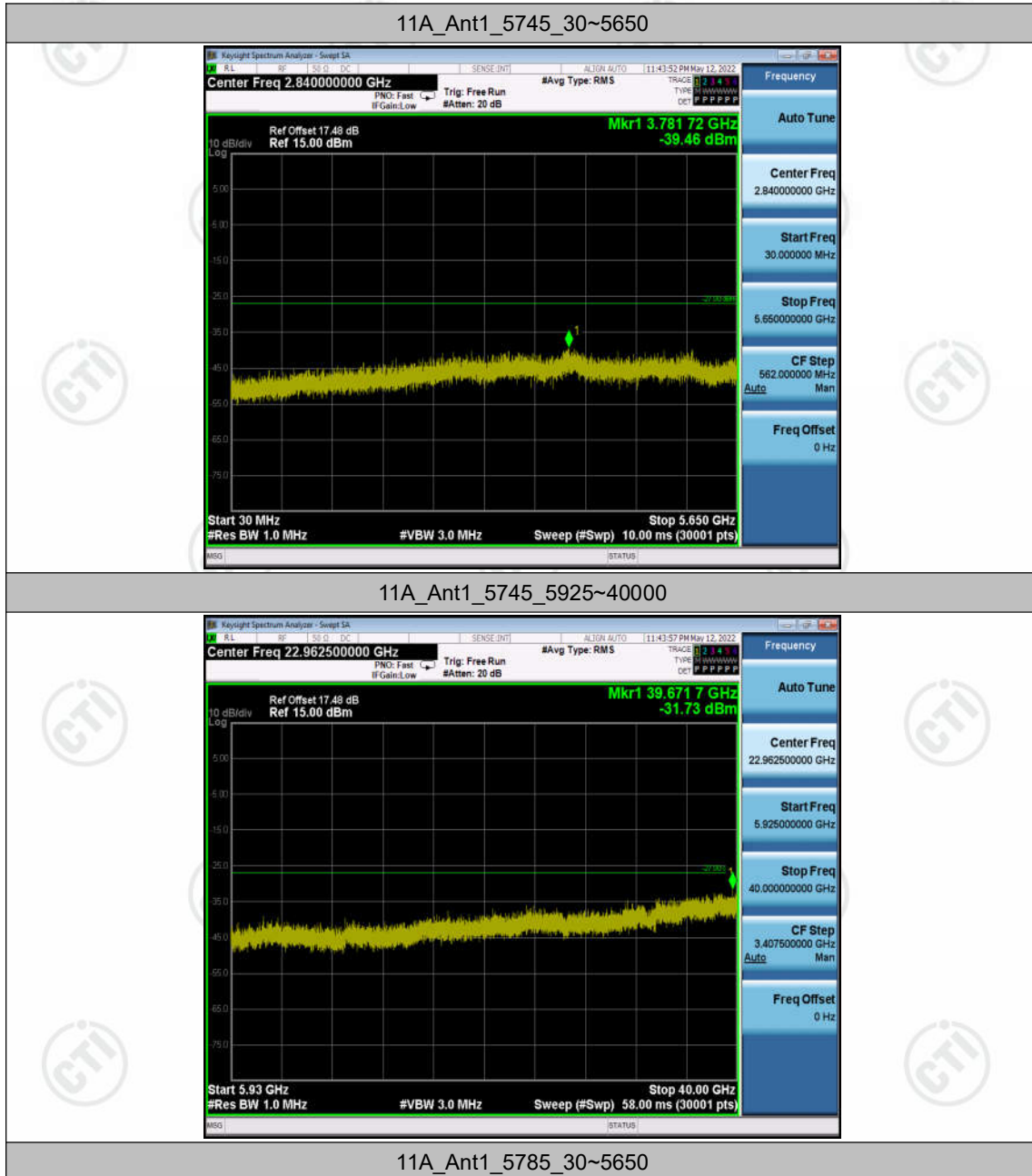
## Appendix F: Conducted Spurious Emission

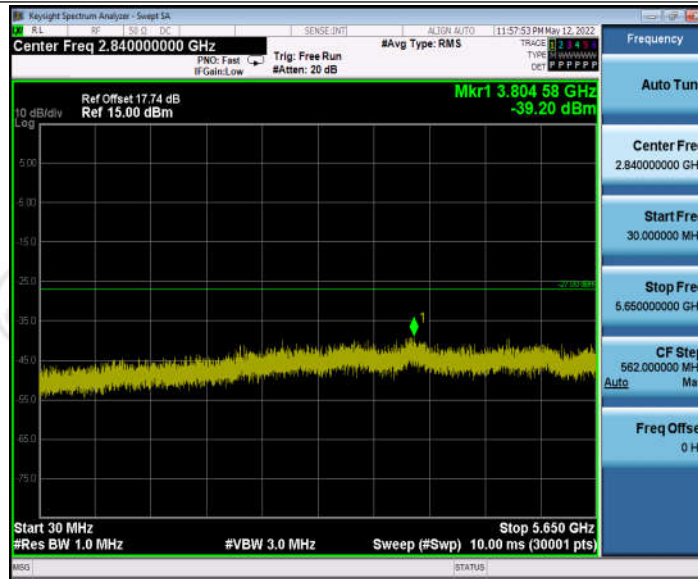
### Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	3781.72	-39.46	≤-27	PASS
			5925~4000	39671.74	-31.73	≤-27	PASS
		5785	30~5650	3804.58	-39.2	≤-27	PASS
			5925~4000	39902.32	-31.29	≤-27	PASS
		5825	30~5650	3760.56	-38.74	≤-27	PASS
			5925~4000	39536.58	-32.13	≤-27	PASS
11N20SI SO	Ant1	5745	30~5650	3766.36	-38.77	≤-27	PASS
			5925~4000	38796.02	-31.54	≤-27	PASS
		5785	30~5650	3818.82	-38.89	≤-27	PASS
			5925~4000	38788.07	-32.11	≤-27	PASS
		5825	30~5650	3772.92	-38.55	≤-27	PASS
			5925~4000	38374.62	-32.61	≤-27	PASS
11N40SI SO	Ant1	5755	30~5650	3745.76	-38.74	≤-27	PASS
			5925~4000	38841.45	-31.57	≤-27	PASS
		5795	30~5650	5044.91	-39.19	≤-27	PASS
			5925~4000	39785.33	-31.82	≤-27	PASS
11AC20S ISO	Ant1	5745	30~5650	3788.09	-39.25	≤-27	PASS
			5925~4000	37301.26	-31.47	≤-27	PASS
		5785	30~5650	3819	-38.23	≤-27	PASS
			5925~4000	38563.17	-31.57	≤-27	PASS
		5825	30~5650	3777.6	-38.6	≤-27	PASS
			5925~4000	38815.33	-31.18	≤-27	PASS
11AC40S ISO	Ant1	5755	30~5650	3755.69	-39.54	≤-27	PASS
			5925~4000	39961.38	-31.84	≤-27	PASS

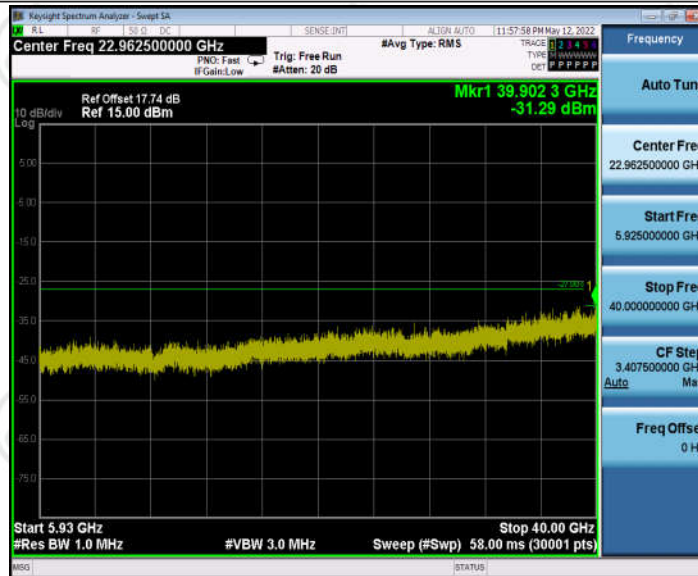
		5795	30~5650	3865.84	-39.08	≤-27	PASS
			5925~4000	38828.96	-30.9	≤-27	PASS
11AC80S ISO	Ant1	5775	30~5650	5027.3	-39.34	≤-27	PASS
			5925~4000	39532.04	-32.39	≤-27	PASS

## Test Graphs

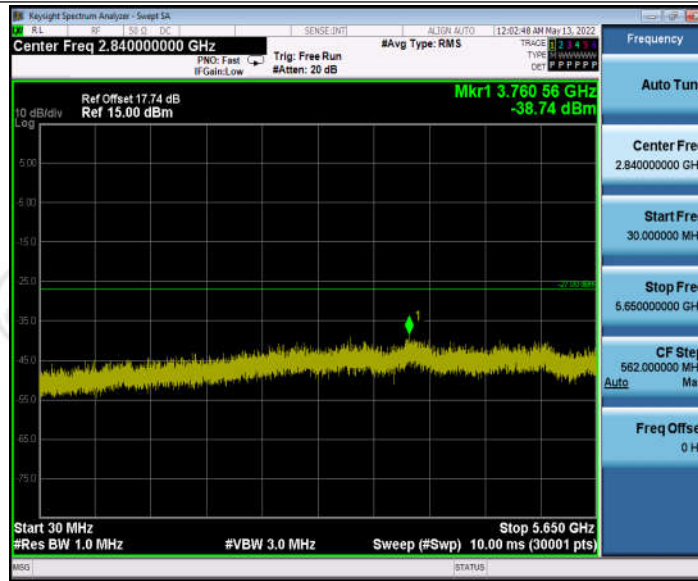




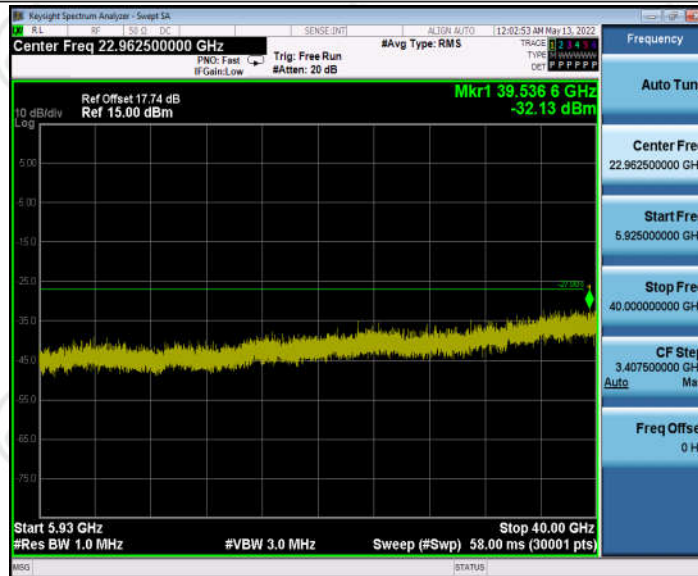
11A\_Ant1\_5785\_5925~40000



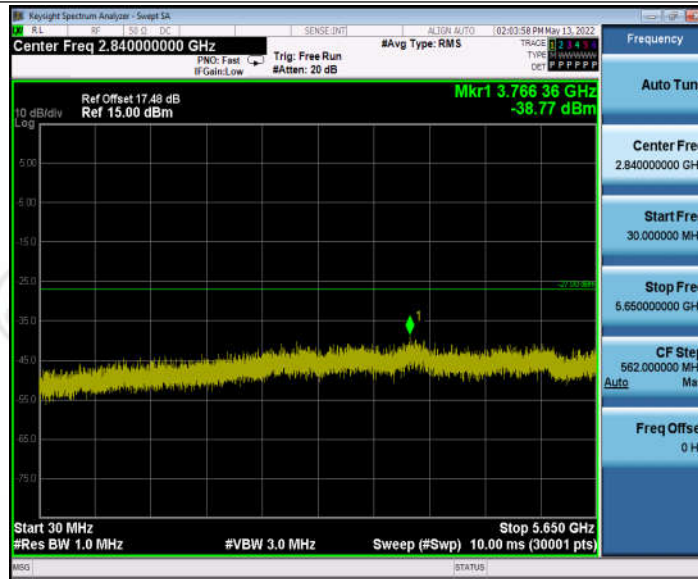
11A\_Ant1\_5825\_30~5650



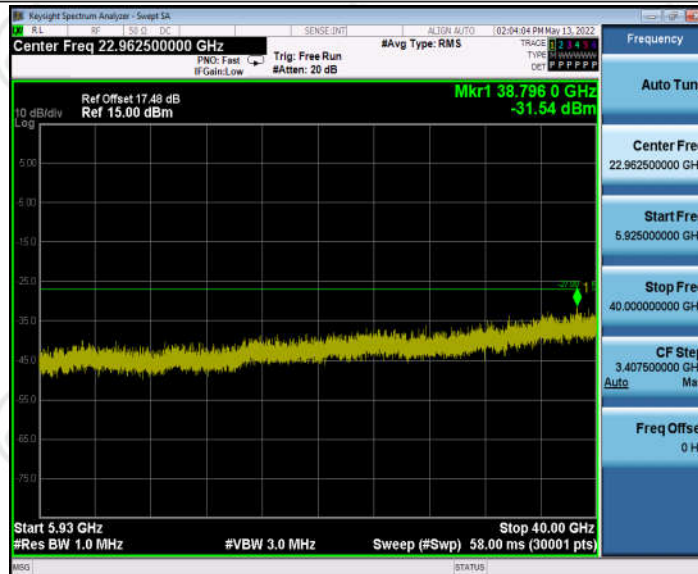
11A\_Ant1\_5825\_5925~40000



11N20SISO\_Ant1\_5745\_30~5650

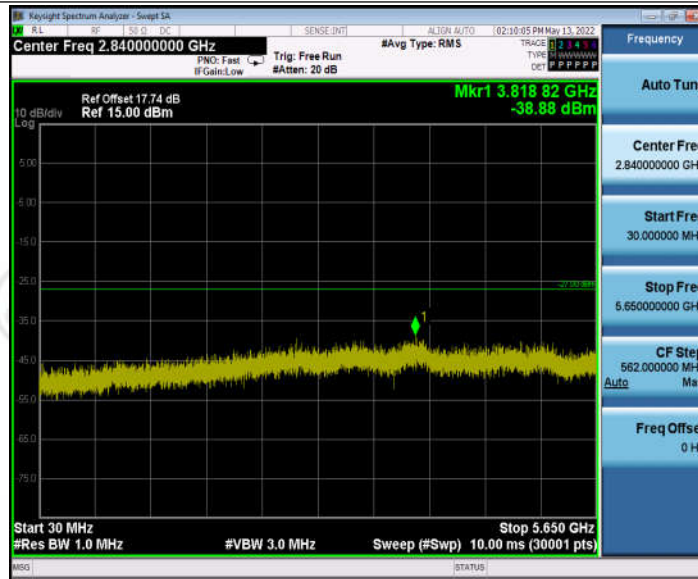


11N20SISO\_Ant1\_5745\_5925-40000

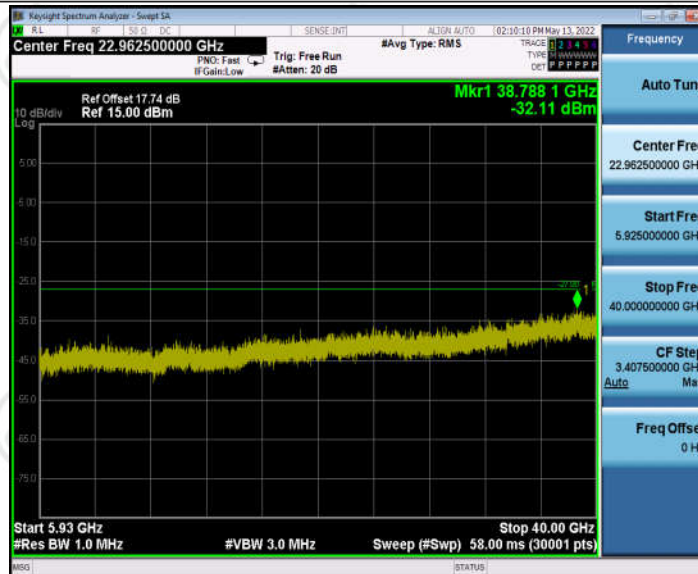


11N20SISO\_Ant1\_5785\_30~5650

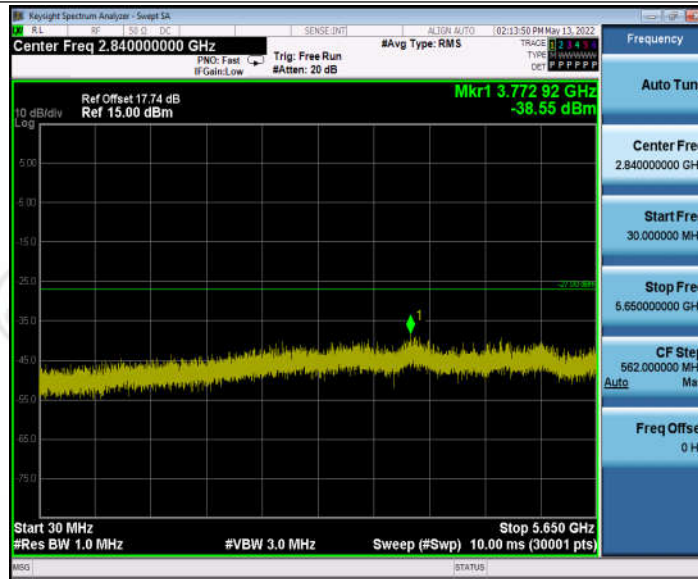




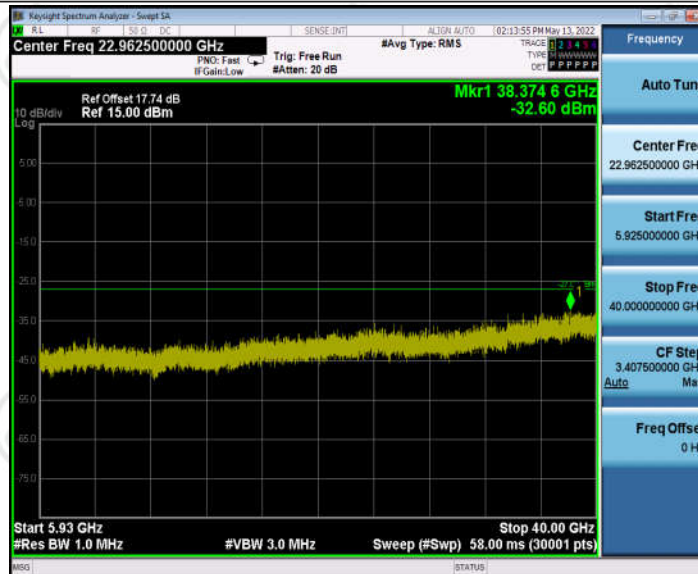
11N20SISO\_Ant1\_5785\_5925~40000



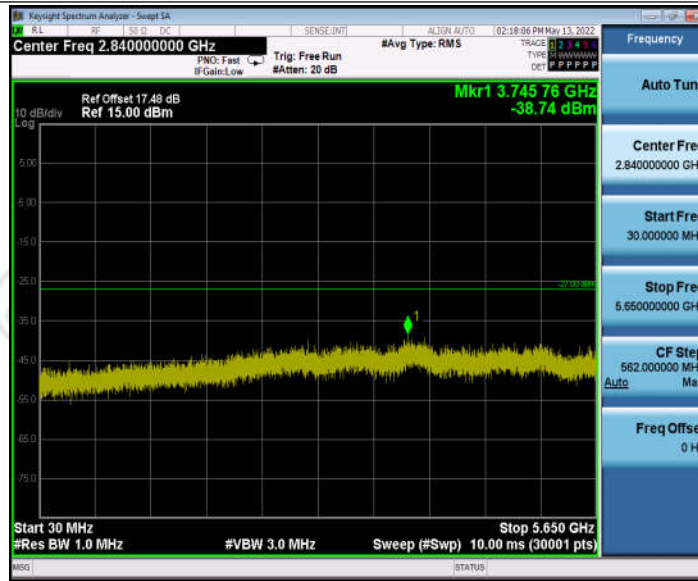
11N20SISO\_Ant1\_5825\_30~5650



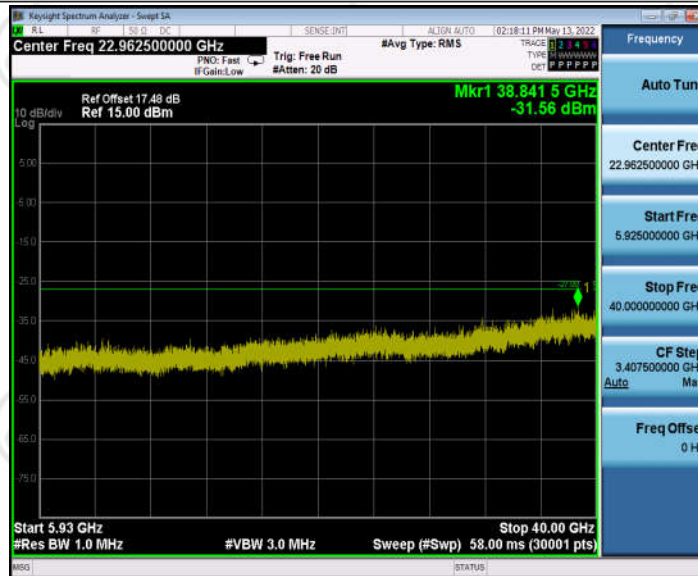
11N20SISO\_Ant1\_5825\_5925~40000



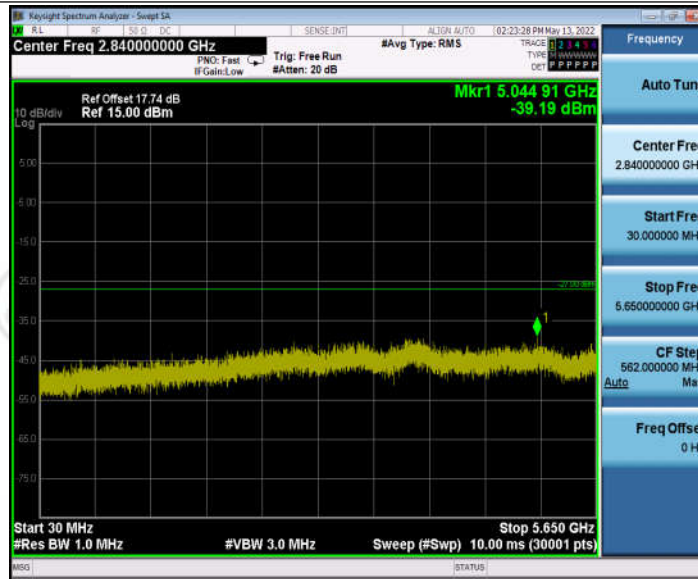
11N40SISO\_Ant1\_5755\_30~5650



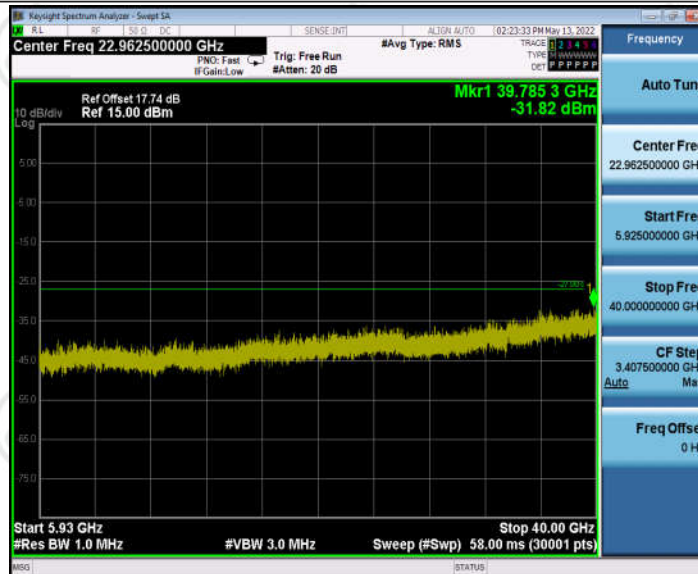
11N40SISO\_Ant1\_5755\_5925-40000



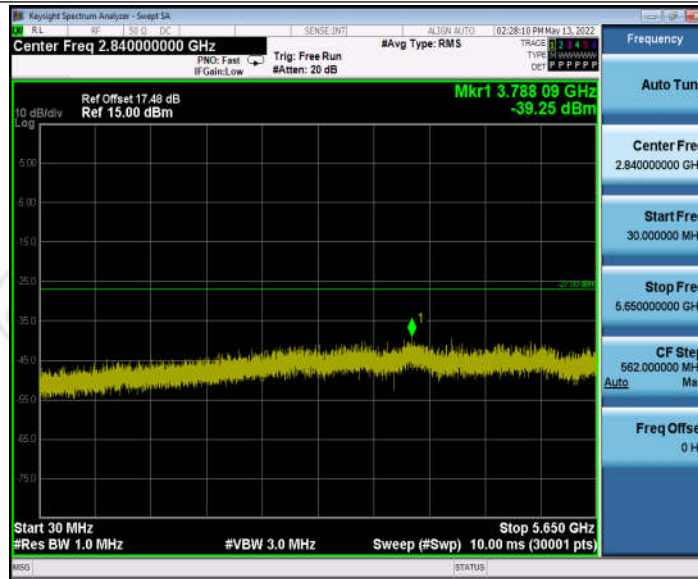
11N40SISO\_Ant1\_5795\_30~5650



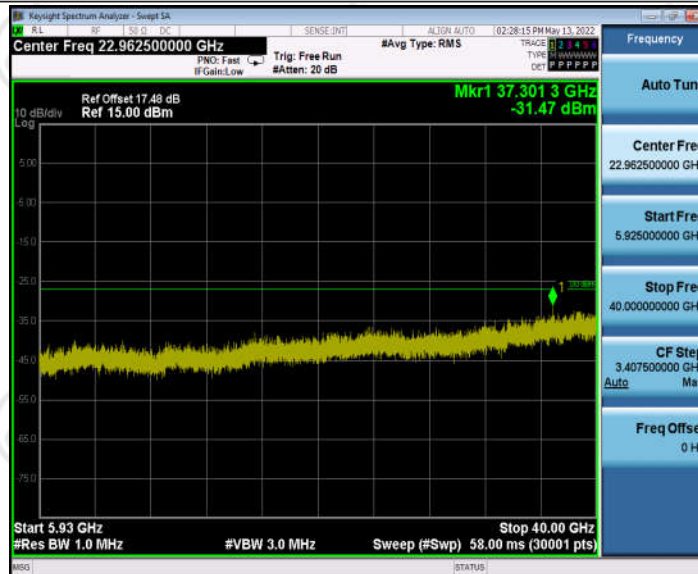
11N40SISO\_Ant1\_5795\_5925-40000



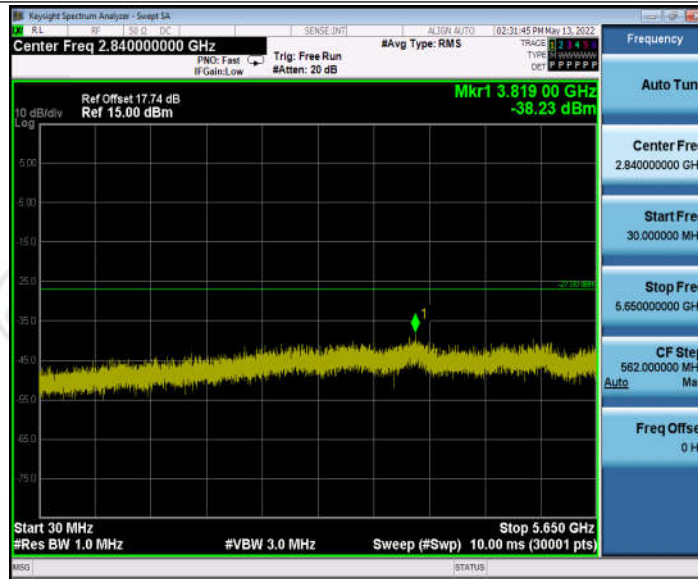
11AC20SISO\_Ant1\_5745\_30-5650



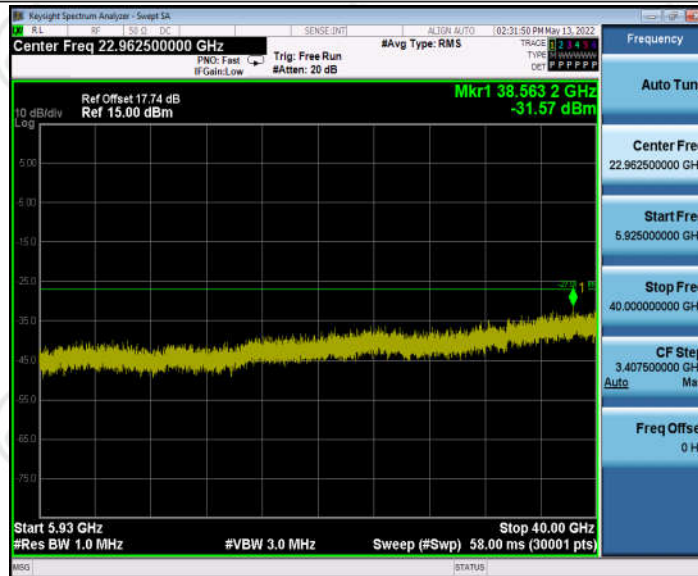
11AC20SISO\_Ant1\_5745\_5925~40000



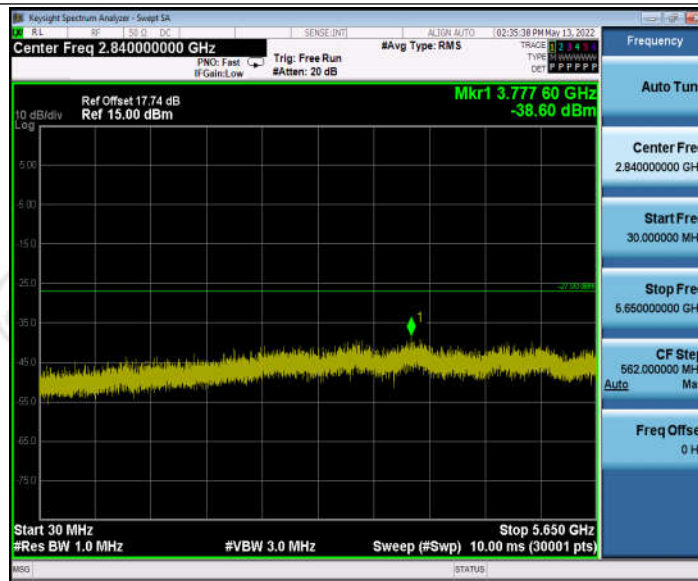
11AC20SISO\_Ant1\_5785\_30~5650



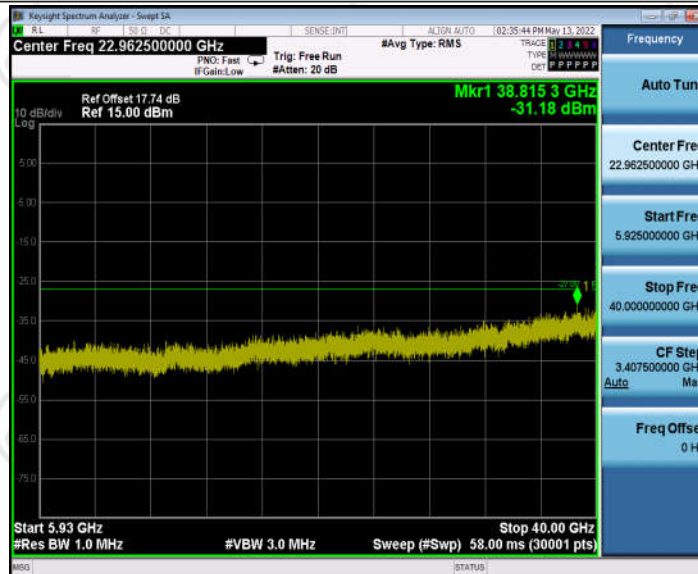
11AC20SISO\_Ant1\_5785\_5925~40000



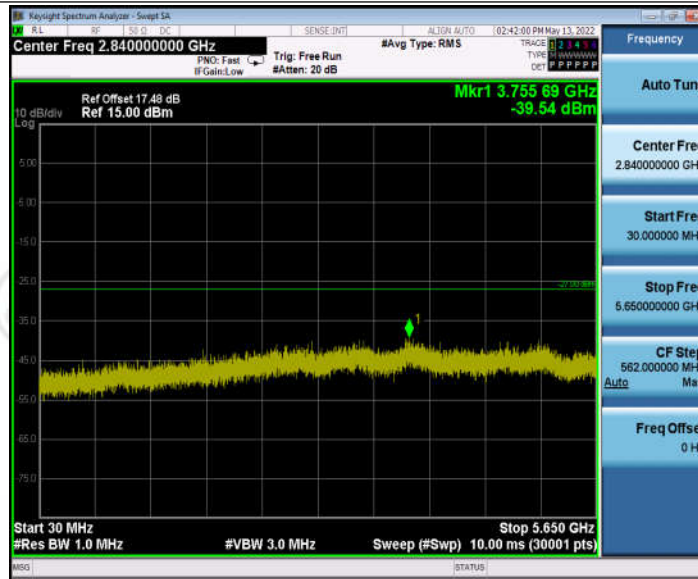
11AC20SISO\_Ant1\_5825\_30~5650



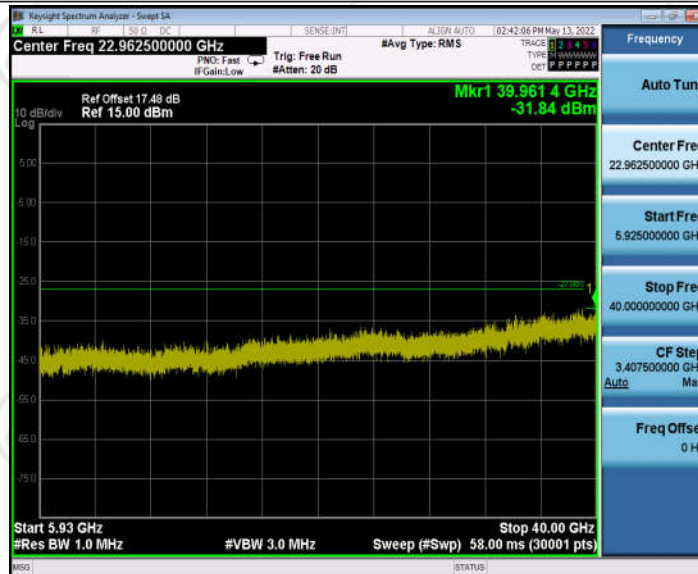
11AC20SISO\_Ant1\_5825\_5925~40000



11AC40SISO\_Ant1\_5755\_30~5650

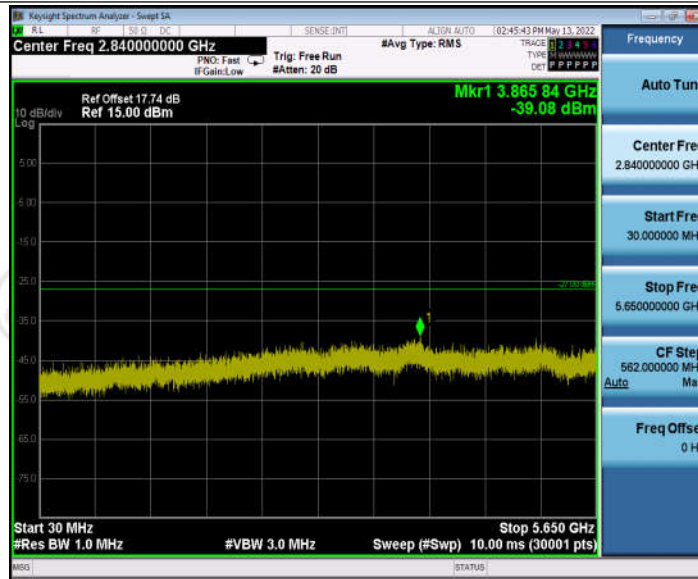


11AC40SISO\_Ant1\_5755\_5925~40000

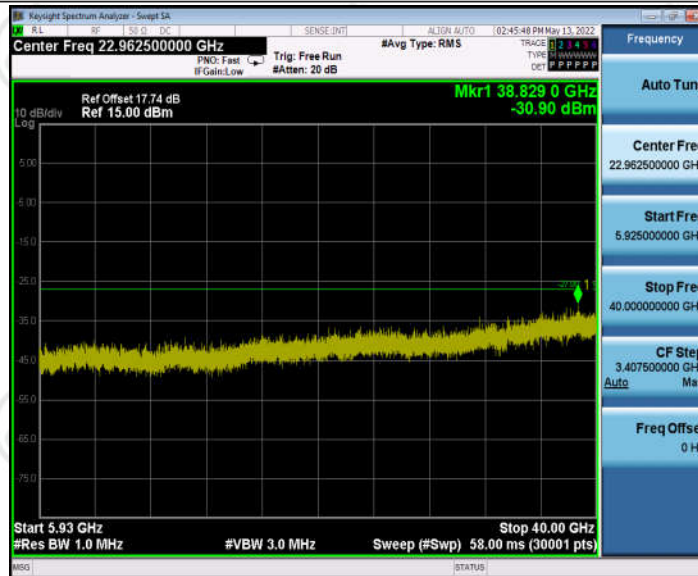


11AC40SISO\_Ant1\_5795\_30~5650

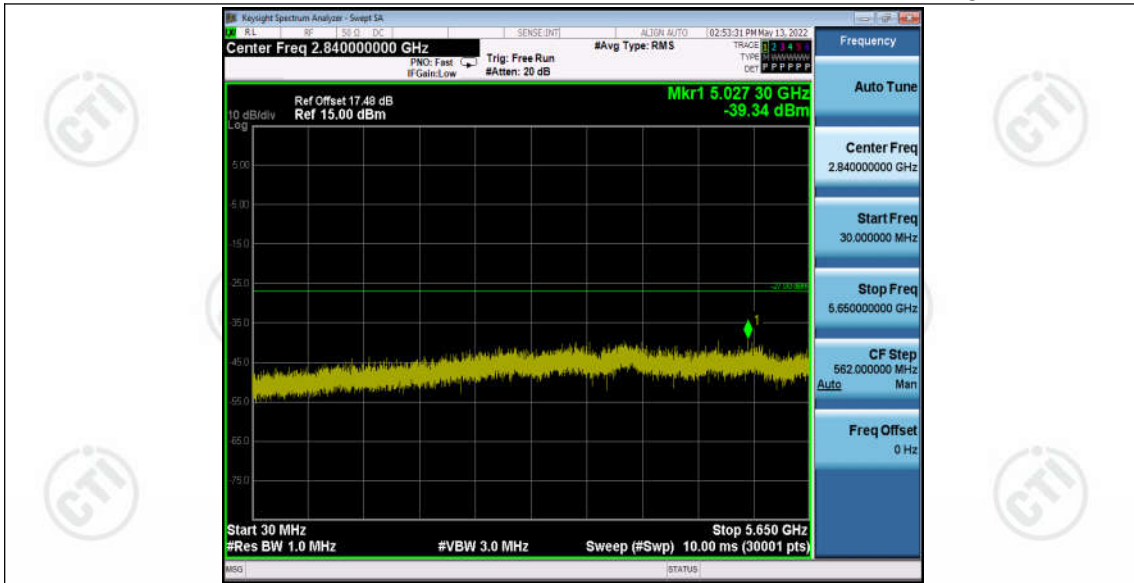




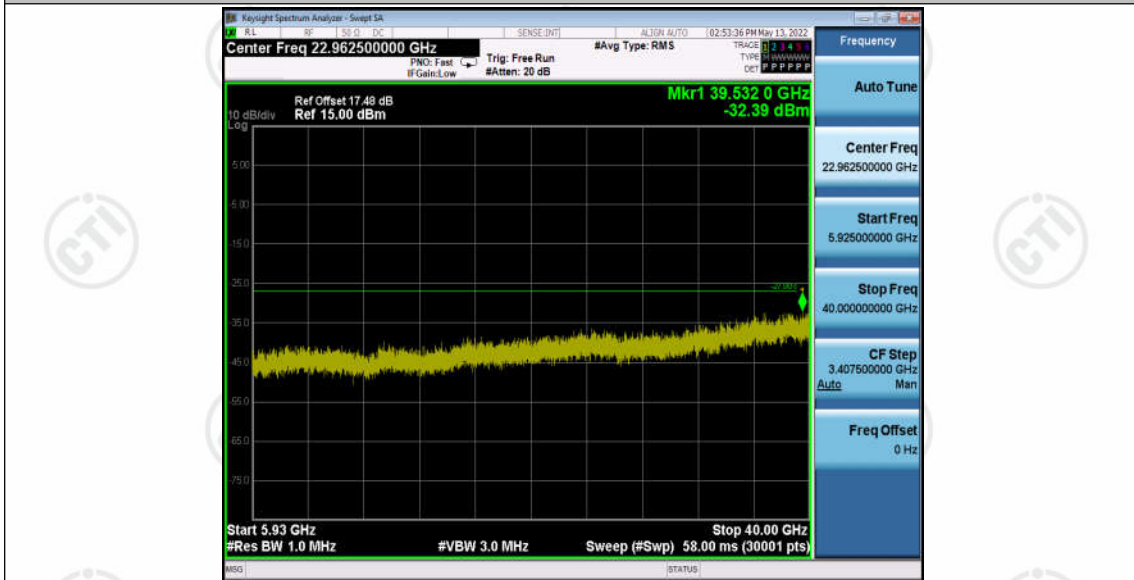
11AC40SISO\_Ant1\_5795\_5925~40000



11AC80SISO\_Ant1\_5775\_30~5650



11AC80SISO\_Ant1\_5775\_5925~40000



## Appendix G: Frequency Stability

### Test Result

Test Mode	Antenna	Frequency [MHz]	Voltage					Limit (ppm)	Verdict
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Deviation (ppm)		
11A	Ant1	5745	NV	NT	-23000.00	-4.003481	20	PASS	
			LV	NT	-23000.00	-4.003481	20	PASS	
			HV	NT	-23000.00	-4.003481	20	PASS	
		5785	NV	NT	-23000.00	-3.975799	20	PASS	
			LV	NT	-23000.00	-3.975799	20	PASS	
			HV	NT	-23000.00	-3.975799	20	PASS	
		5825	NV	NT	-23000.00	-3.948498	20	PASS	
			LV	NT	-23000.00	-3.948498	20	PASS	
			HV	NT	-23000.00	-3.948498	20	PASS	
11N20SI SO	Ant1	5745	NV	NT	-23000.00	-4.003481	20	PASS	
			LV	NT	-23000.00	-4.003481	20	PASS	
			HV	NT	-23000.00	-4.003481	20	PASS	
		5785	NV	NT	-23000.00	-3.975799	20	PASS	
			LV	NT	-23000.00	-3.975799	20	PASS	
			HV	NT	-23000.00	-3.975799	20	PASS	
		5825	NV	NT	-23000.00	-3.948498	20	PASS	
			LV	NT	-23000.00	-3.948498	20	PASS	
			HV	NT	-23000.00	-3.948498	20	PASS	
11N40SI SO	Ant1	5755	NV	NT	-23000.00	-3.996525	20	PASS	
			LV	NT	-22000.00	-3.822763	20	PASS	
			HV	NT	-23000.00	-3.996525	20	PASS	
		5795	NV	NT	-23000.00	-3.968939	20	PASS	
			LV	NT	-23000.00	-3.968939	20	PASS	
			HV	NT	-23000.00	-3.968939	20	PASS	
11AC20S ISO	Ant1	5745	NV	NT	-22000.00	-3.829417	20	PASS	
			LV	NT	-23000.00	-4.003481	20	PASS	
			HV	NT	-23000.00	-4.003481	20	PASS	
		5785	NV	NT	-23000.00	-3.975799	20	PASS	
			LV	NT	-23000.00	-3.975799	20	PASS	
			HV	NT	-23000.00	-3.975799	20	PASS	
		5825	NV	NT	-23000.00	-3.948498	20	PASS	
			LV	NT	-23000.00	-3.948498	20	PASS	
			HV	NT	-23000.00	-3.948498	20	PASS	
11AC40S ISO	Ant1	5755	NV	NT	-23000.00	-3.996525	20	PASS	
			LV	NT	-23000.00	-3.996525	20	PASS	

		5795	HV	NT	-22000.00	-3.822763	20	PASS
			NV	NT	-23000.00	-3.968939	20	PASS
			LV	NT	-23000.00	-3.968939	20	PASS
			HV	NT	-23000.00	-3.968939	20	PASS
11AC80S ISO	Ant1	5775	NV	NT	-23000.00	-3.982684	20	PASS
			LV	NT	-23000.00	-3.982684	20	PASS
			HV	NT	-23000.00	-3.982684	20	PASS

Temperature										
TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict		
11A	Ant1	5745	NV	-30	-23000.00	-4.003481	20	PASS		
			NV	-20	-23000.00	-4.003481	20	PASS		
			NV	-10	-23000.00	-4.003481	20	PASS		
			NV	0	-23000.00	-4.003481	20	PASS		
			NV	10	-22000.00	-3.829417	20	PASS		
			NV	20	-22000.00	-3.829417	20	PASS		
			NV	30	-22000.00	-3.829417	20	PASS		
			NV	40	-22000.00	-3.829417	20	PASS		
			NV	50	-23000.00	-4.003481	20	PASS		
		5785	NV	-30	-23000.00	-3.975799	20	PASS		
			NV	-20	-23000.00	-3.975799	20	PASS		
			NV	-10	-23000.00	-3.975799	20	PASS		
			NV	0	-23000.00	-3.975799	20	PASS		
			NV	10	-23000.00	-3.975799	20	PASS		
			NV	20	-23000.00	-3.975799	20	PASS		
			NV	30	-23000.00	-3.975799	20	PASS		
			NV	40	-23000.00	-3.975799	20	PASS		
			NV	50	-23000.00	-3.975799	20	PASS		
		5825	NV	-30	-23000.00	-3.948498	20	PASS		
			NV	-20	-23000.00	-3.948498	20	PASS		
			NV	-10	-23000.00	-3.948498	20	PASS		
			NV	0	-23000.00	-3.948498	20	PASS		
			NV	10	-23000.00	-3.948498	20	PASS		
			NV	20	-23000.00	-3.948498	20	PASS		
			NV	30	-23000.00	-3.948498	20	PASS		
			NV	40	-23000.00	-3.948498	20	PASS		
			NV	50	-23000.00	-3.948498	20	PASS		
		11N20SI SO	Ant1	5745	NV	-30	-23000.00	-4.003481	20	PASS
					NV	-20	-22000.00	-3.829417	20	PASS
					NV	-10	-22000.00	-3.829417	20	PASS

			NV	0	-23000.00	-4.003481	20	PASS		
			NV	10	-22000.00	-3.829417	20	PASS		
			NV	20	-22000.00	-3.829417	20	PASS		
			NV	30	-22000.00	-3.829417	20	PASS		
			NV	40	-23000.00	-4.003481	20	PASS		
			NV	50	-23000.00	-4.003481	20	PASS		
		5785	NV	-30	-23000.00	-3.975799	20	PASS		
			NV	-20	-23000.00	-3.975799	20	PASS		
			NV	-10	-23000.00	-3.975799	20	PASS		
			NV	0	-23000.00	-3.975799	20	PASS		
			NV	10	-23000.00	-3.975799	20	PASS		
			NV	20	-23000.00	-3.975799	20	PASS		
			NV	30	-23000.00	-3.975799	20	PASS		
			NV	40	-23000.00	-3.975799	20	PASS		
			NV	50	-23000.00	-3.975799	20	PASS		
			5825	NV	-30	-23000.00	-3.948498	20	PASS	
		NV		-20	-23000.00	-3.948498	20	PASS		
		NV		-10	-23000.00	-3.948498	20	PASS		
		NV		0	-23000.00	-3.948498	20	PASS		
		NV		10	-23000.00	-3.948498	20	PASS		
		NV		20	-23000.00	-3.948498	20	PASS		
		NV		30	-23000.00	-3.948498	20	PASS		
		NV		40	-23000.00	-3.948498	20	PASS		
		NV		50	-23000.00	-3.948498	20	PASS		
		11N40SI SO		Ant1	5755	NV	-30	-23000.00	-3.996525	20
			NV			-20	-22000.00	-3.822763	20	PASS
			NV			-10	-22000.00	-3.822763	20	PASS
			NV			0	-23000.00	-3.996525	20	PASS
			NV			10	-23000.00	-3.996525	20	PASS
			NV			20	-22000.00	-3.822763	20	PASS
NV	30		-23000.00			-3.996525	20	PASS		
NV	40		-22000.00			-3.822763	20	PASS		
NV	50		-22000.00			-3.822763	20	PASS		
5795	NV		-30			-23000.00	-3.968939	20	PASS	
	NV		-20		-23000.00	-3.968939	20	PASS		
	NV		-10		-23000.00	-3.968939	20	PASS		
	NV		0		-23000.00	-3.968939	20	PASS		
	NV		10		-23000.00	-3.968939	20	PASS		
	NV		20		-22000.00	-3.796376	20	PASS		
	NV		30		-23000.00	-3.968939	20	PASS		
	NV		40		-23000.00	-3.968939	20	PASS		

			NV	50	-23000.00	-3.968939	20	PASS		
11AC20S ISO	Ant1	5745	NV	-30	-23000.00	-4.003481	20	PASS		
			NV	-20	-22000.00	-3.829417	20	PASS		
			NV	-10	-23000.00	-4.003481	20	PASS		
			NV	0	-23000.00	-4.003481	20	PASS		
			NV	10	-22000.00	-3.829417	20	PASS		
			NV	20	-22000.00	-3.829417	20	PASS		
			NV	30	-22000.00	-3.829417	20	PASS		
			NV	40	-22000.00	-3.829417	20	PASS		
			NV	50	-22000.00	-3.829417	20	PASS		
			5785	NV	-30	-23000.00	-3.975799	20	PASS	
		NV		-20	-23000.00	-3.975799	20	PASS		
		NV		-10	-23000.00	-3.975799	20	PASS		
		NV		0	-23000.00	-3.975799	20	PASS		
		NV		10	-23000.00	-3.975799	20	PASS		
		NV		20	-23000.00	-3.975799	20	PASS		
		NV		30	-23000.00	-3.975799	20	PASS		
		NV		40	-23000.00	-3.975799	20	PASS		
		5825	NV	-30	-23000.00	-3.948498	20	PASS		
			NV	-20	-23000.00	-3.948498	20	PASS		
			NV	-10	-23000.00	-3.948498	20	PASS		
			NV	0	-23000.00	-3.948498	20	PASS		
			NV	10	-23000.00	-3.948498	20	PASS		
			NV	20	-23000.00	-3.948498	20	PASS		
			NV	30	-23000.00	-3.948498	20	PASS		
			NV	40	-23000.00	-3.948498	20	PASS		
		11AC40S ISO	Ant1	5755	NV	-30	-23000.00	-3.996525	20	PASS
					NV	-20	-22000.00	-3.822763	20	PASS
					NV	-10	-22000.00	-3.822763	20	PASS
NV	0				-22000.00	-3.822763	20	PASS		
NV	10				-23000.00	-3.996525	20	PASS		
NV	20				-23000.00	-3.996525	20	PASS		
NV	30				-23000.00	-3.996525	20	PASS		
NV	40				-22000.00	-3.822763	20	PASS		
5795	NV			50	-22000.00	-3.822763	20	PASS		
	NV			-30	-23000.00	-3.968939	20	PASS		
	NV			-20	-23000.00	-3.968939	20	PASS		
	NV			-10	-22000.00	-3.796376	20	PASS		
	NV			0	-23000.00	-3.968939	20	PASS		
	NV			50	-23000.00	-3.968939	20	PASS		

			NV	10	-23000.00	-3.968939	20	PASS
			NV	20	-23000.00	-3.968939	20	PASS
			NV	30	-23000.00	-3.968939	20	PASS
			NV	40	-22000.00	-3.796376	20	PASS
			NV	50	-23000.00	-3.968939	20	PASS
11AC80S ISO	Ant1	5775	NV	-30	-23000.00	-3.982684	20	PASS
			NV	-20	-23000.00	-3.982684	20	PASS
			NV	-10	-23000.00	-3.982684	20	PASS
			NV	0	-22000.00	-3.809524	20	PASS
			NV	10	-22000.00	-3.809524	20	PASS
			NV	20	-23000.00	-3.982684	20	PASS
			NV	30	-22000.00	-3.809524	20	PASS
			NV	40	-23000.00	-3.982684	20	PASS
			NV	50	-23000.00	-3.982684	20	PASS

\*\*\* End of Report \*\*\*