

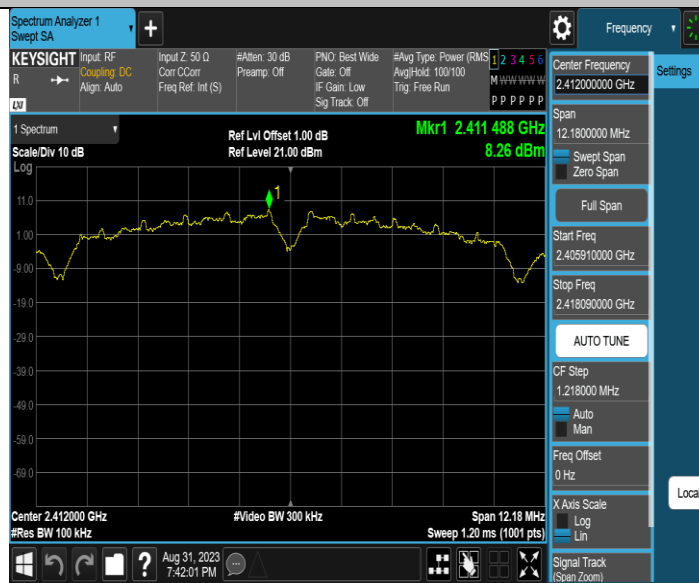
Appendix F: Conducted Spurious Emission

Test Result for Reference level :

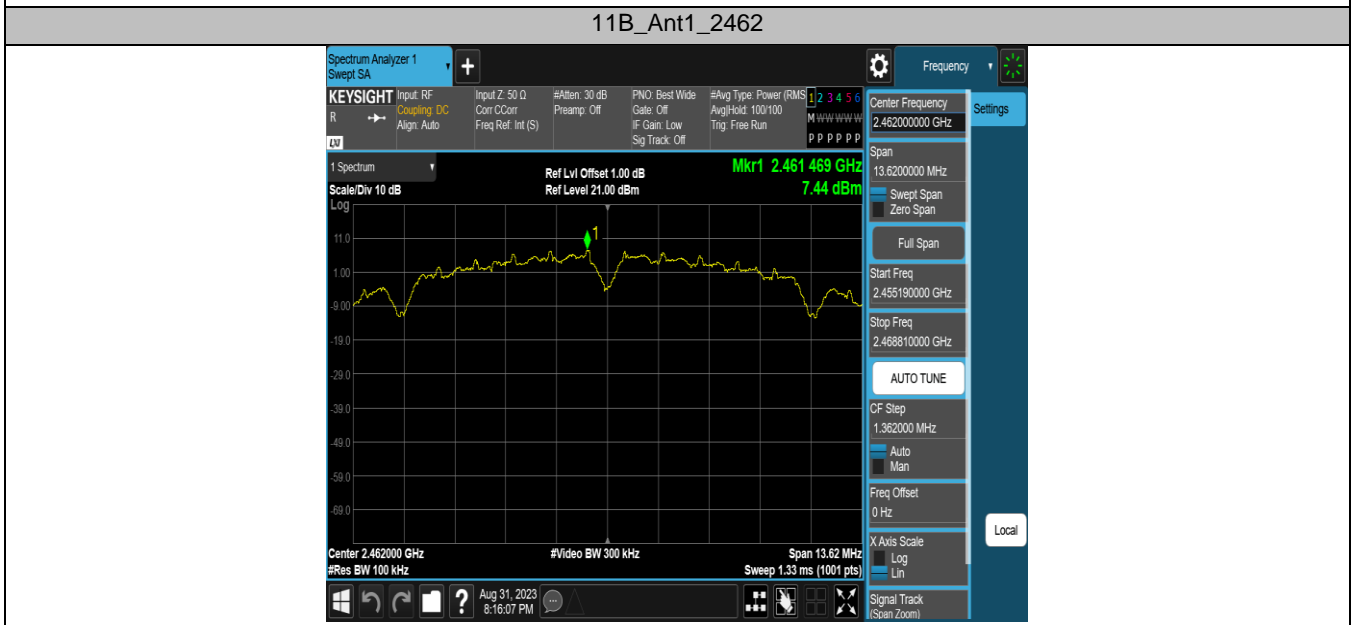
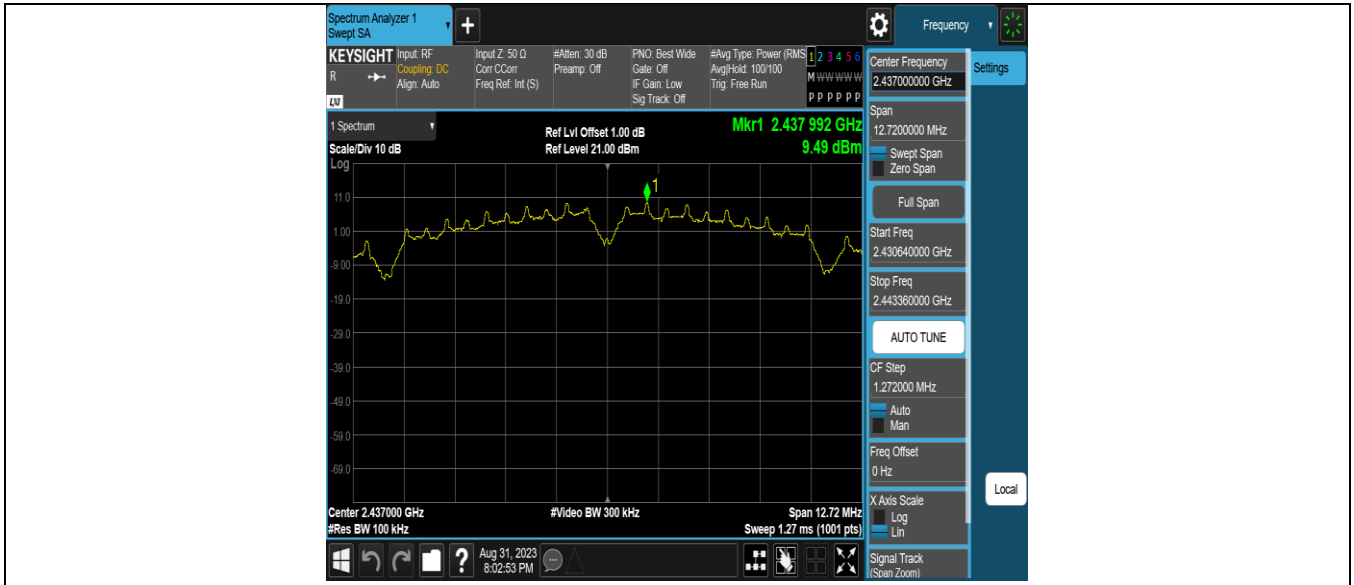
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2411.49	8.26
		2437	2437.99	9.49
		2462	2461.47	7.44
11G	Ant1	2412	2409.50	5.93
		2437	2435.74	6.06
		2462	2454.48	5.09
11N20SISO	Ant1	2412	2413.26	4.98
		2437	2439.48	4.22
		2462	2463.24	4.41
11N40SISO	Ant1	2422	2418.26	0.32
		2437	2439.51	0.82
		2452	2449.48	1.48

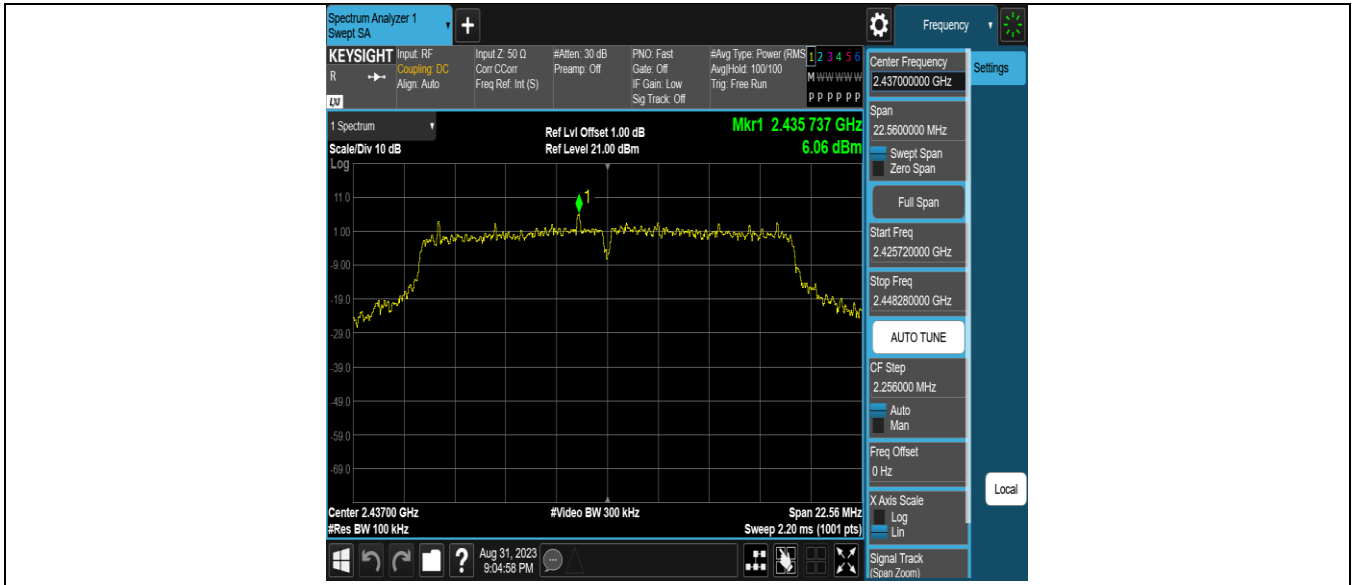
Note: We have evaluated SISO, MIMO mode, shown in the report is the worst data.

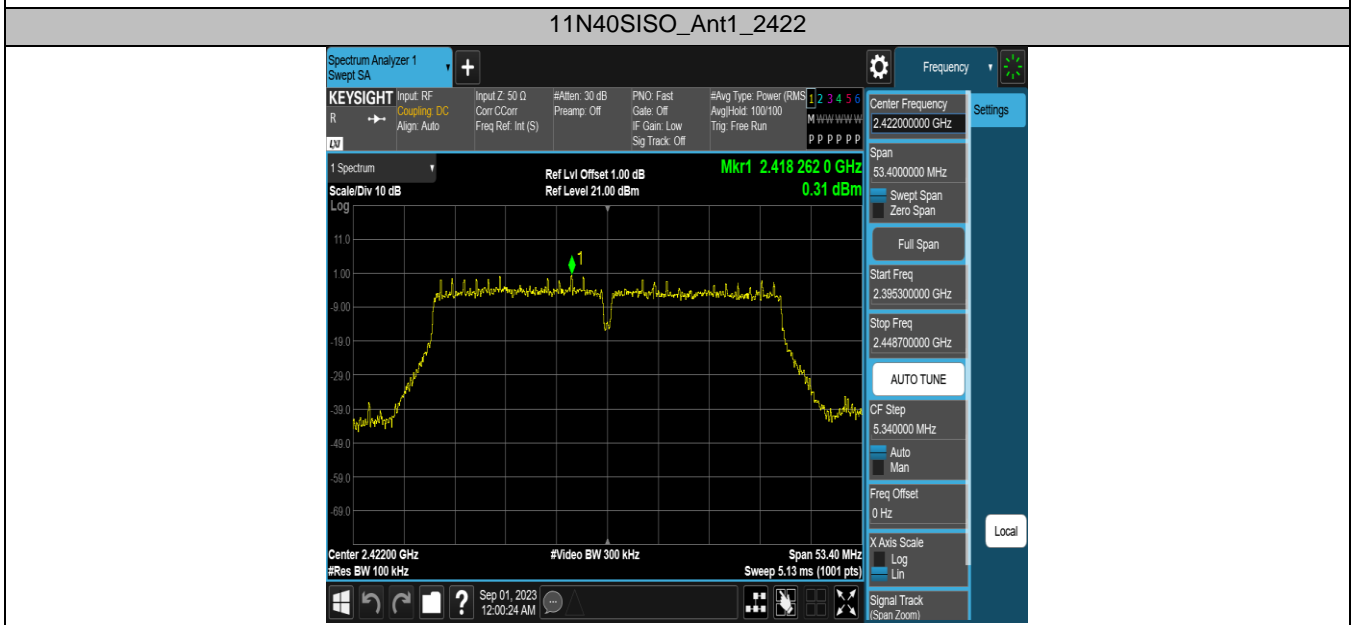
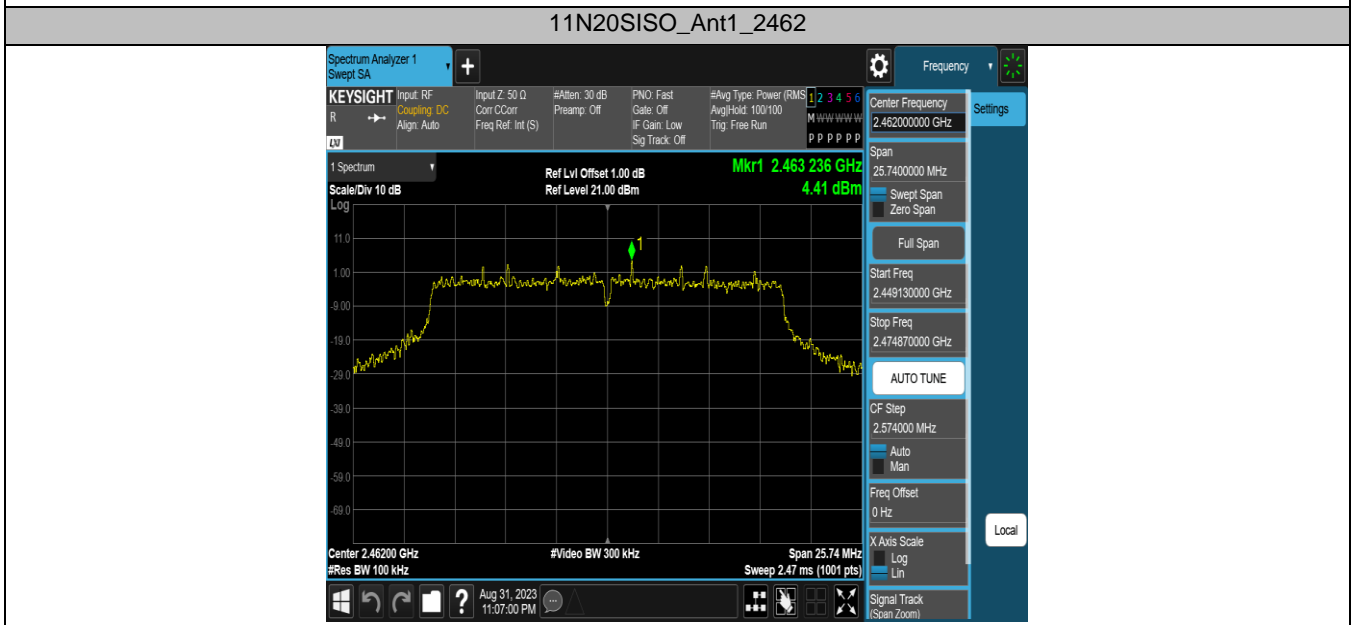
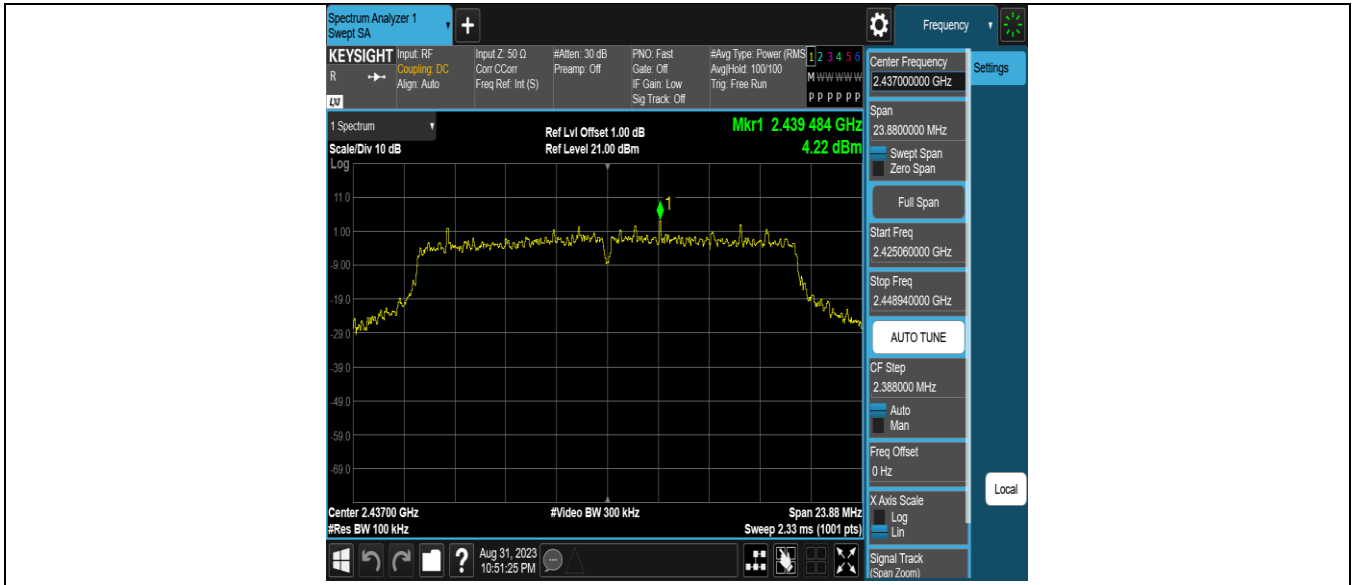
11B_Ant1_2412



11B_Ant1_2437









11N40SISO_Ant1_2452

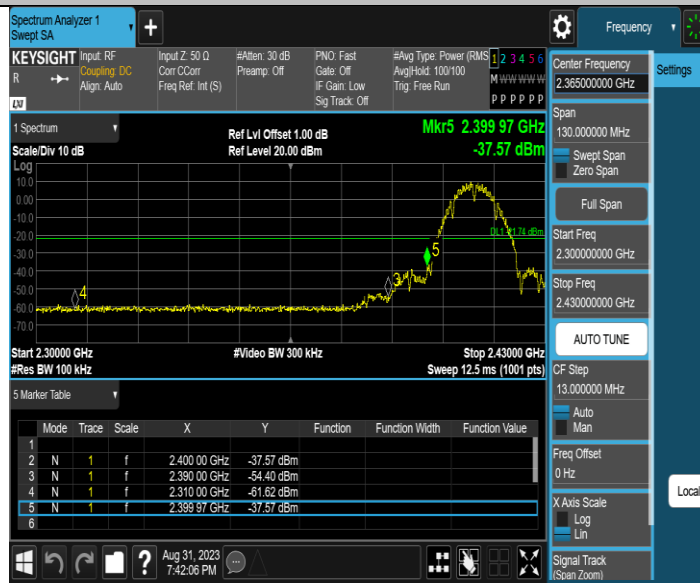


Test Result for Band edge :

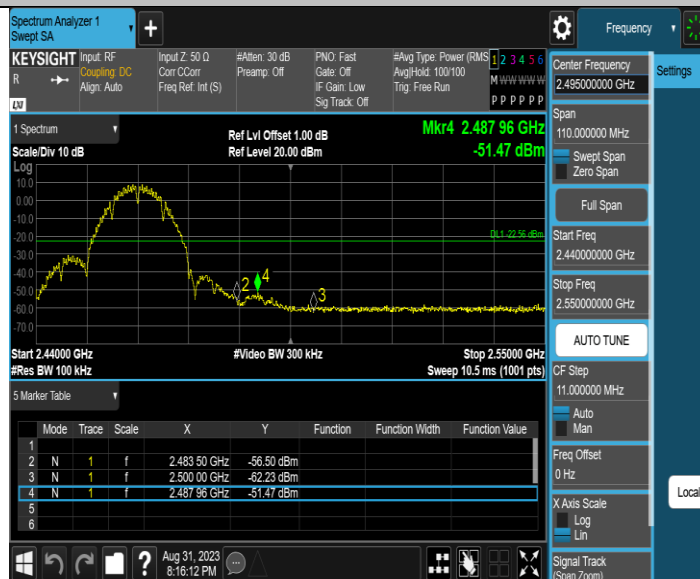
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.26	-37.57	≤-21.74	PASS
		High	2462	7.44	-51.47	≤-22.56	PASS
11G	Ant1	Low	2412	5.93	-26.3	≤-24.07	PASS
		High	2462	5.09	-44.3	≤-24.91	PASS
11N20SISO	Ant1	Low	2412	4.98	-25.94	≤-25.02	PASS
		High	2462	4.41	-46.67	≤-25.59	PASS
11N40SISO	Ant1	Low	2422	0.32	-37.14	≤-29.68	PASS
		High	2452	1.48	-44.27	≤-28.52	PASS

Note: We have evaluated SISO, MIMO mode, shown in the report is the worst data.

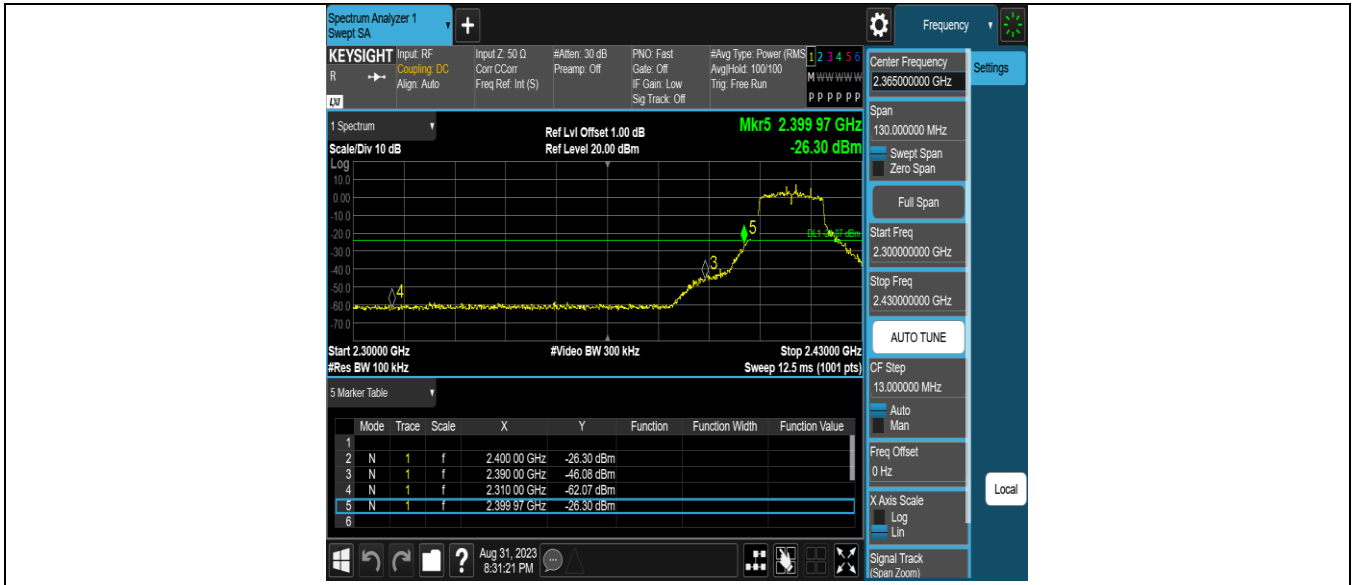
11B_Ant1_Low_2412



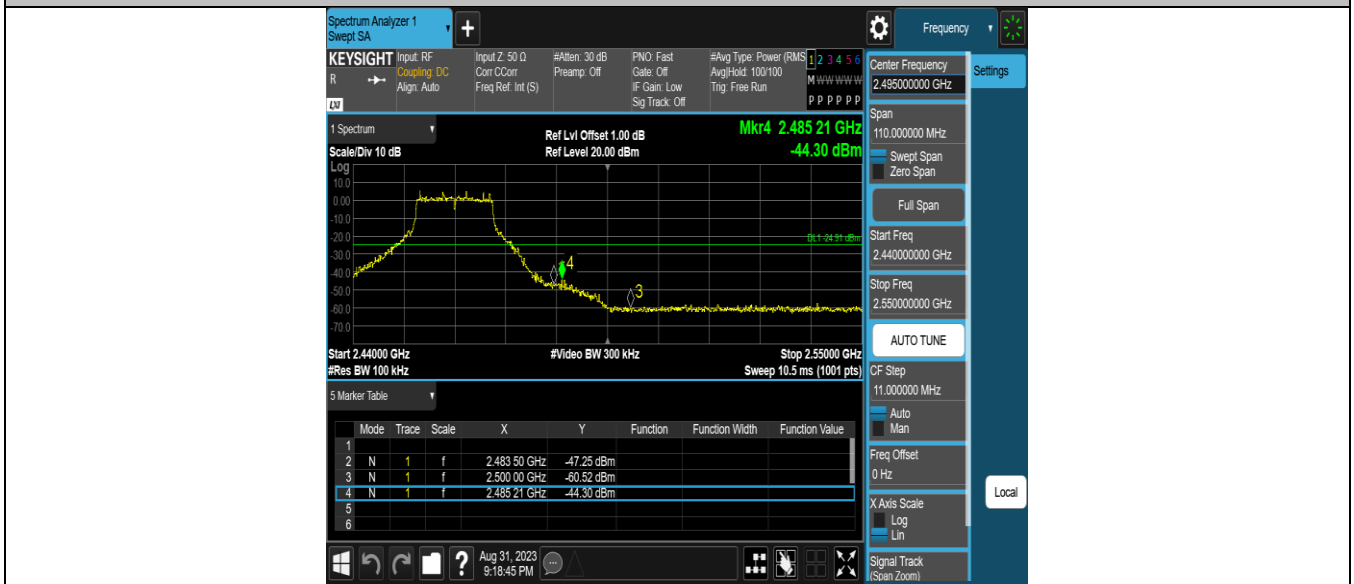
11B_Ant1_High_2462



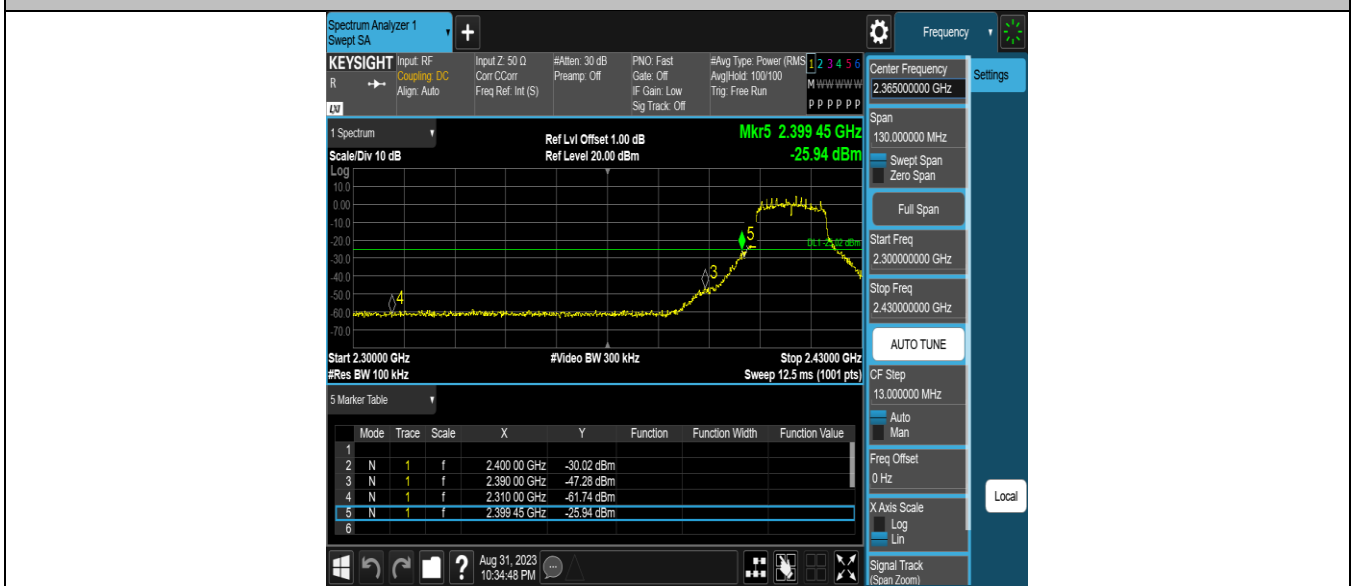
11G_Ant1_Low_2412



11G_Ant1_High_2462



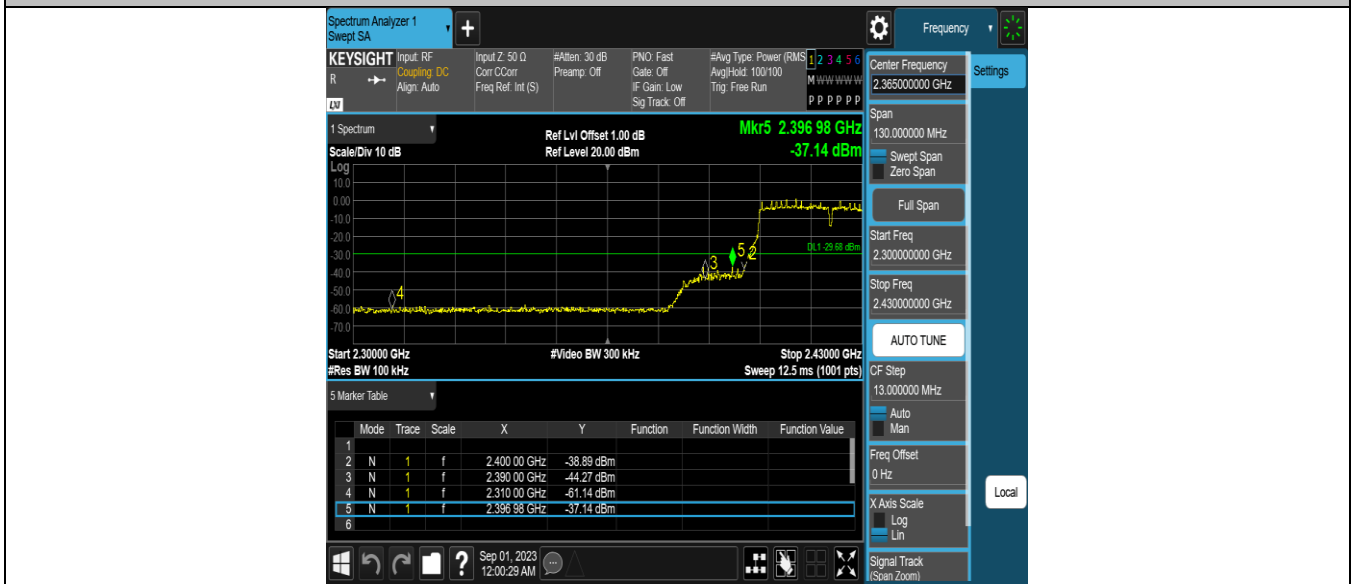
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Test Result for Spurious Emission :

TestMode	Antenna	Frequency [MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	8.26	-69.09	≤-21.74	PASS
			1000~3000	8.26	-64.49	≤-21.74	PASS
			3000~5000	8.26	-55.94	≤-21.74	PASS
			5000~7000	8.26	-65.22	≤-21.74	PASS
			7000~9000	8.26	-65.53	≤-21.74	PASS
			9000~11000	8.26	-65.84	≤-21.74	PASS
			11000~13000	8.26	-65.46	≤-21.74	PASS
			13000~15000	8.26	-63.8	≤-21.74	PASS
			15000~17000	8.26	-63.44	≤-21.74	PASS
			17000~19000	8.26	-64.16	≤-21.74	PASS
			19000~21000	8.26	-62.95	≤-21.74	PASS
			21000~23000	8.26	-62.35	≤-21.74	PASS
		23000~25000	8.26	-61.32	≤-21.74	PASS	
		2437	30~1000	9.49	-69.44	≤-20.51	PASS
			1000~3000	9.49	-64.4	≤-20.51	PASS
			3000~5000	9.49	-56.55	≤-20.51	PASS
			5000~7000	9.49	-64.61	≤-20.51	PASS
			7000~9000	9.49	-65.59	≤-20.51	PASS
			9000~11000	9.49	-64.6	≤-20.51	PASS
			11000~13000	9.49	-65.64	≤-20.51	PASS
			13000~15000	9.49	-64.53	≤-20.51	PASS
			15000~17000	9.49	-64.26	≤-20.51	PASS
			17000~19000	9.49	-63.41	≤-20.51	PASS
			19000~21000	9.49	-63.12	≤-20.51	PASS
			21000~23000	9.49	-62.31	≤-20.51	PASS
		23000~25000	9.49	-61.23	≤-20.51	PASS	
		2462	30~1000	7.44	-69.79	≤-22.56	PASS
			1000~3000	7.44	-65.42	≤-22.56	PASS
			3000~5000	7.44	-58.1	≤-22.56	PASS
			5000~7000	7.44	-65.52	≤-22.56	PASS
			7000~9000	7.44	-65.69	≤-22.56	PASS
			9000~11000	7.44	-65.72	≤-22.56	PASS
			11000~13000	7.44	-66.15	≤-22.56	PASS
			13000~15000	7.44	-64.72	≤-22.56	PASS
			15000~17000	7.44	-63.8	≤-22.56	PASS
			17000~19000	7.44	-63.16	≤-22.56	PASS
19000~21000	7.44		-62.46	≤-22.56	PASS		
21000~23000	7.44		-61.41	≤-22.56	PASS		
23000~25000	7.44	-60.7	≤-22.56	PASS			
11G	Ant1	2412	30~1000	5.93	-69.26	≤-24.07	PASS
			1000~3000	5.93	-62.83	≤-24.07	PASS
			3000~5000	5.93	-64.96	≤-24.07	PASS
			5000~7000	5.93	-65.04	≤-24.07	PASS
			7000~9000	5.93	-65.53	≤-24.07	PASS
			9000~11000	5.93	-66.14	≤-24.07	PASS
			11000~13000	5.93	-65.59	≤-24.07	PASS

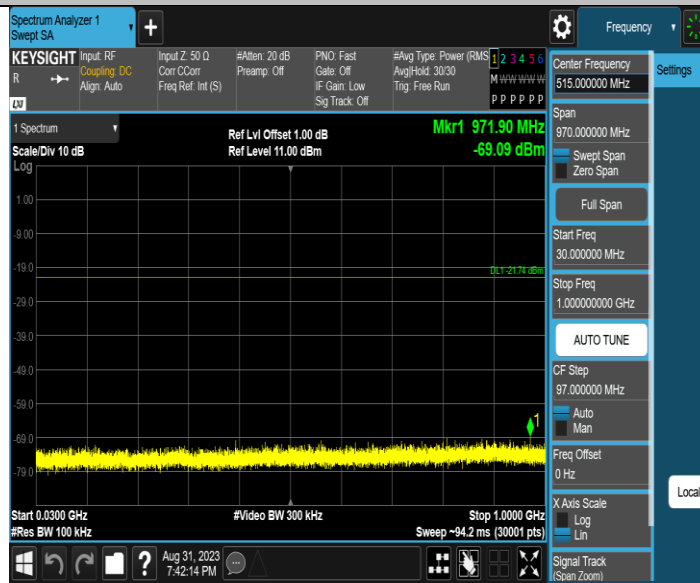
			13000~15000	5.93	-64.82	≤-24.07	PASS		
			15000~17000	5.93	-64.21	≤-24.07	PASS		
			17000~19000	5.93	-63.88	≤-24.07	PASS		
			19000~21000	5.93	-62.26	≤-24.07	PASS		
			21000~23000	5.93	-62.28	≤-24.07	PASS		
			23000~25000	5.93	-61.42	≤-24.07	PASS		
		2437	30~1000	6.06	-68.93	≤-23.94	PASS		
			1000~3000	6.06	-61.18	≤-23.94	PASS		
			3000~5000	6.06	-64.53	≤-23.94	PASS		
			5000~7000	6.06	-64.39	≤-23.94	PASS		
			7000~9000	6.06	-65.76	≤-23.94	PASS		
			9000~11000	6.06	-65.1	≤-23.94	PASS		
			11000~13000	6.06	-65.88	≤-23.94	PASS		
			13000~15000	6.06	-64.33	≤-23.94	PASS		
			15000~17000	6.06	-64.37	≤-23.94	PASS		
			17000~19000	6.06	-62.7	≤-23.94	PASS		
			19000~21000	6.06	-62.74	≤-23.94	PASS		
			21000~23000	6.06	-60.95	≤-23.94	PASS		
			23000~25000	6.06	-61.04	≤-23.94	PASS		
			2462	30~1000	5.09	-69.56	≤-24.91	PASS	
		1000~3000		5.09	-65.55	≤-24.91	PASS		
		3000~5000		5.09	-64.24	≤-24.91	PASS		
		5000~7000		5.09	-64.61	≤-24.91	PASS		
		7000~9000		5.09	-65.57	≤-24.91	PASS		
		9000~11000		5.09	-64.68	≤-24.91	PASS		
		11000~13000		5.09	-65.85	≤-24.91	PASS		
		13000~15000		5.09	-64.89	≤-24.91	PASS		
		15000~17000		5.09	-63.62	≤-24.91	PASS		
		17000~19000		5.09	-63.28	≤-24.91	PASS		
		19000~21000		5.09	-62.95	≤-24.91	PASS		
		21000~23000		5.09	-62.43	≤-24.91	PASS		
		23000~25000	5.09	-61.78	≤-24.91	PASS			
		11N20SISO	Ant1	2412	30~1000	4.98	-68.9	≤-25.02	PASS
					1000~3000	4.98	-65.06	≤-25.02	PASS
					3000~5000	4.98	-64.81	≤-25.02	PASS
					5000~7000	4.98	-64.63	≤-25.02	PASS
					7000~9000	4.98	-65.3	≤-25.02	PASS
					9000~11000	4.98	-65.37	≤-25.02	PASS
					11000~13000	4.98	-65.58	≤-25.02	PASS
					13000~15000	4.98	-64.08	≤-25.02	PASS
					15000~17000	4.98	-64.34	≤-25.02	PASS
					17000~19000	4.98	-63.77	≤-25.02	PASS
19000~21000	4.98				-63.09	≤-25.02	PASS		
21000~23000	4.98				-61.97	≤-25.02	PASS		
23000~25000	4.98				-60.54	≤-25.02	PASS		
2437	30~1000				4.22	-69.64	≤-25.78	PASS	
	1000~3000			4.22	-66.09	≤-25.78	PASS		
	3000~5000			4.22	-64.37	≤-25.78	PASS		
	5000~7000			4.22	-65	≤-25.78	PASS		
	7000~9000			4.22	-65.94	≤-25.78	PASS		

			9000~11000	4.22	-65.88	≤-25.78	PASS		
			11000~13000	4.22	-65.8	≤-25.78	PASS		
			13000~15000	4.22	-64.41	≤-25.78	PASS		
			15000~17000	4.22	-64.24	≤-25.78	PASS		
			17000~19000	4.22	-63.58	≤-25.78	PASS		
			19000~21000	4.22	-62.87	≤-25.78	PASS		
			21000~23000	4.22	-62.38	≤-25.78	PASS		
			23000~25000	4.22	-61.74	≤-25.78	PASS		
		2462	30~1000	4.41	-69.07	≤-25.59	PASS		
			1000~3000	4.41	-65.8	≤-25.59	PASS		
			3000~5000	4.41	-63.92	≤-25.59	PASS		
			5000~7000	4.41	-65.1	≤-25.59	PASS		
			7000~9000	4.41	-65.35	≤-25.59	PASS		
			9000~11000	4.41	-65.14	≤-25.59	PASS		
			11000~13000	4.41	-65.88	≤-25.59	PASS		
			13000~15000	4.41	-64.19	≤-25.59	PASS		
			15000~17000	4.41	-65	≤-25.59	PASS		
			17000~19000	4.41	-63.51	≤-25.59	PASS		
			19000~21000	4.41	-62.9	≤-25.59	PASS		
			21000~23000	4.41	-62.15	≤-25.59	PASS		
		23000~25000	4.41	-60.77	≤-25.59	PASS			
		11N40SISO	Ant1	2422	30~1000	0.32	-69.16	≤-29.68	PASS
					1000~3000	0.32	-66.4	≤-29.68	PASS
					3000~5000	0.32	-64.64	≤-29.68	PASS
					5000~7000	0.32	-65.59	≤-29.68	PASS
					7000~9000	0.32	-65.38	≤-29.68	PASS
					9000~11000	0.32	-65.4	≤-29.68	PASS
					11000~13000	0.32	-65.98	≤-29.68	PASS
13000~15000	0.32				-64.13	≤-29.68	PASS		
15000~17000	0.32				-64.1	≤-29.68	PASS		
17000~19000	0.32				-63.96	≤-29.68	PASS		
19000~21000	0.32				-62.47	≤-29.68	PASS		
21000~23000	0.32				-61.72	≤-29.68	PASS		
23000~25000	0.32			-61.41	≤-29.68	PASS			
2437	30~1000			0.82	-69.63	≤-29.18	PASS		
	1000~3000			0.82	-66.33	≤-29.18	PASS		
	3000~5000			0.82	-64.41	≤-29.18	PASS		
	5000~7000			0.82	-64.98	≤-29.18	PASS		
	7000~9000			0.82	-65.81	≤-29.18	PASS		
	9000~11000			0.82	-64.48	≤-29.18	PASS		
	11000~13000			0.82	-65.96	≤-29.18	PASS		
	13000~15000			0.82	-64.39	≤-29.18	PASS		
	15000~17000			0.82	-64.03	≤-29.18	PASS		
	17000~19000	0.82	-64.01	≤-29.18	PASS				
2452	30~1000	1.48	-69.54	≤-28.52	PASS				
	1000~3000	1.48	-65.27	≤-28.52	PASS				
	3000~5000	1.48	-64.95	≤-28.52	PASS				

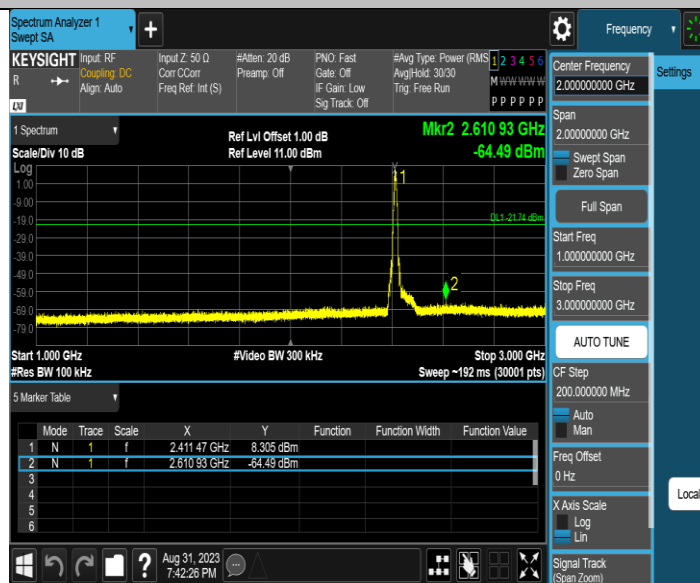
		5000~7000	1.48	-65.14	≤-28.52	PASS
		7000~9000	1.48	-64.57	≤-28.52	PASS
		9000~11000	1.48	-65.8	≤-28.52	PASS
		11000~13000	1.48	-66.29	≤-28.52	PASS
		13000~15000	1.48	-64.05	≤-28.52	PASS
		15000~17000	1.48	-64.08	≤-28.52	PASS
		17000~19000	1.48	-63.69	≤-28.52	PASS
		19000~21000	1.48	-62.36	≤-28.52	PASS
		21000~23000	1.48	-61.9	≤-28.52	PASS
		23000~25000	1.48	-61.45	≤-28.52	PASS

Note: We have evaluated SISO, MIMO mode, shown in the report is the worst data.

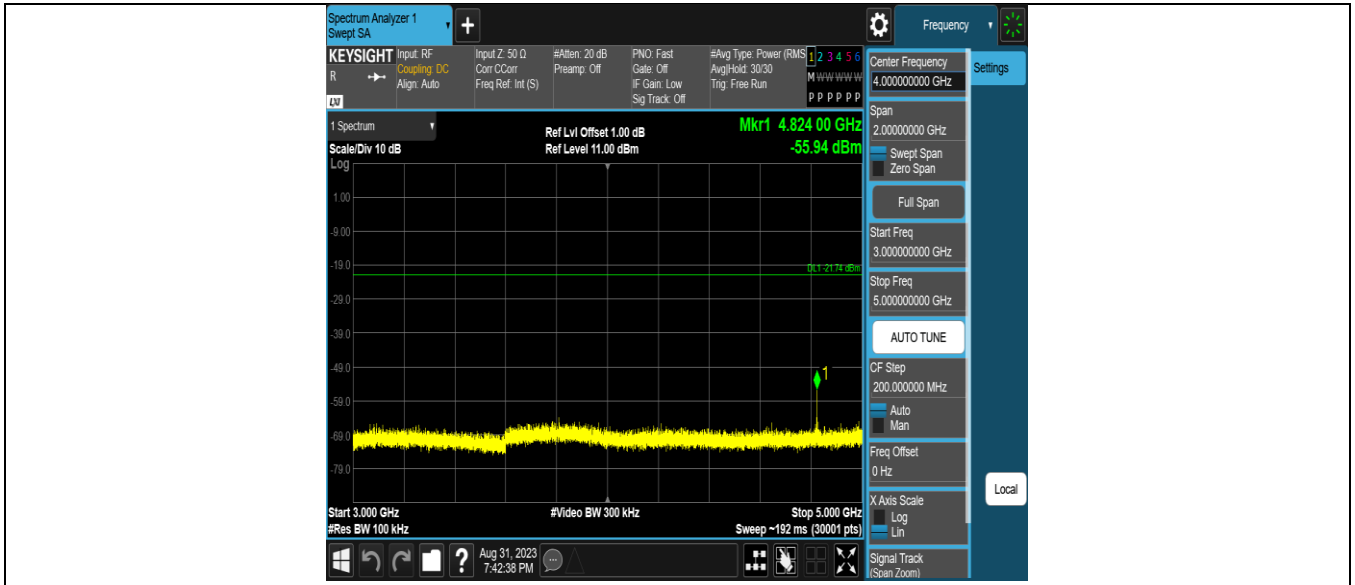
11B_Ant1_2412_30~1000



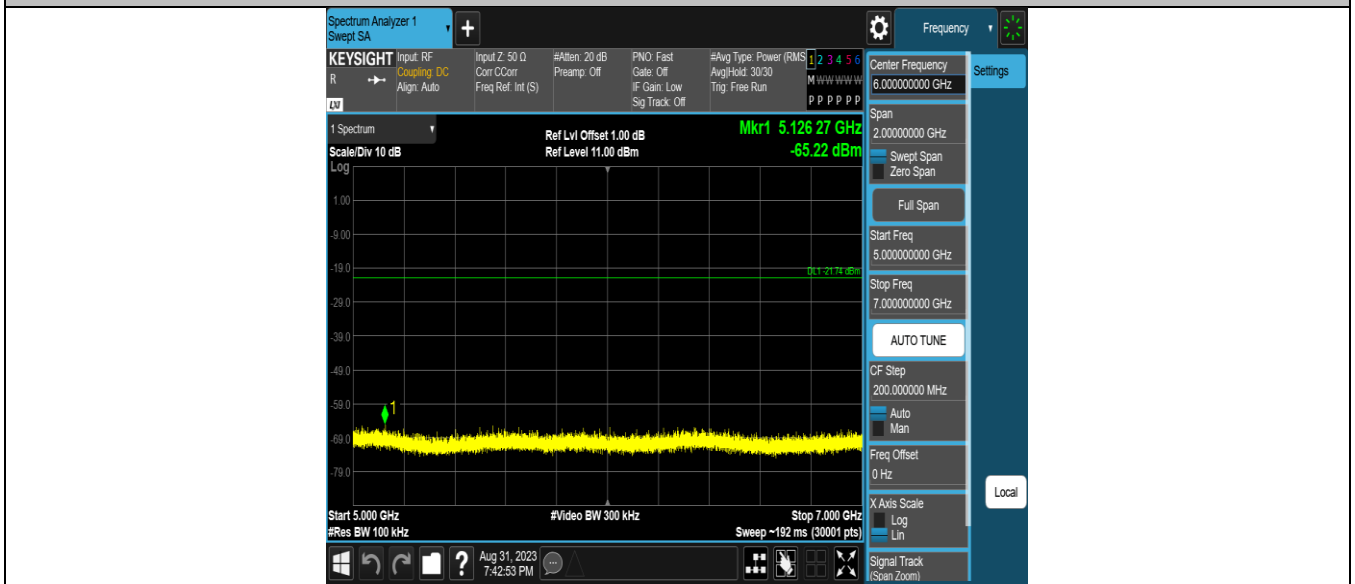
11B_Ant1_2412_1000~3000



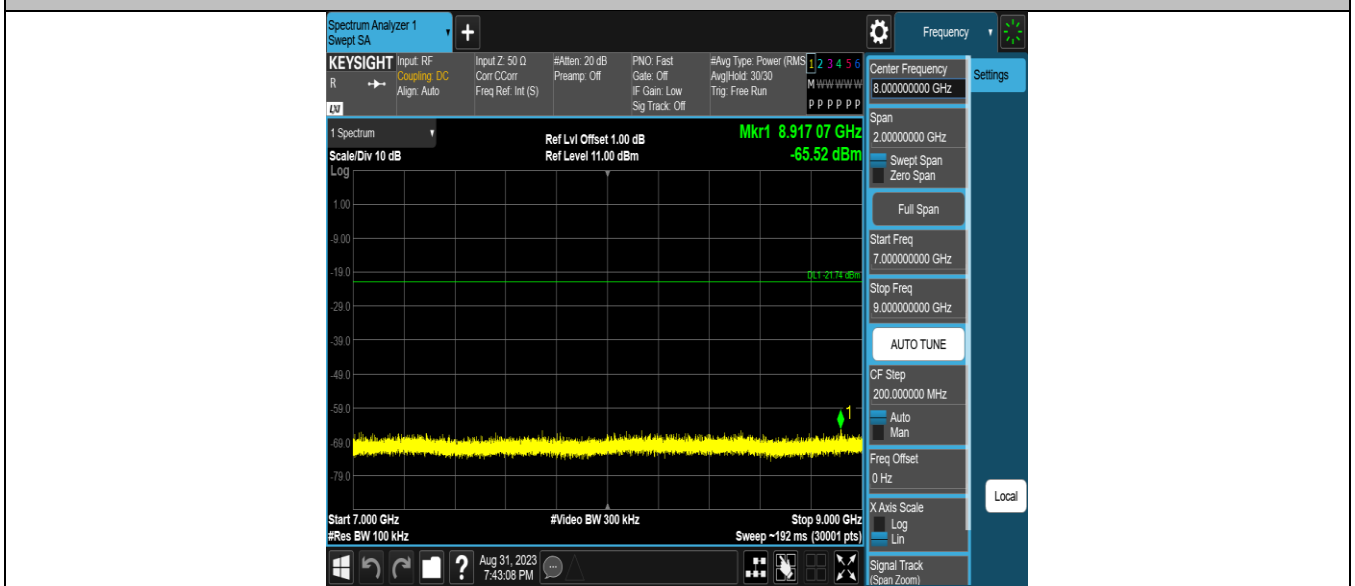
11B_Ant1_2412_3000~5000



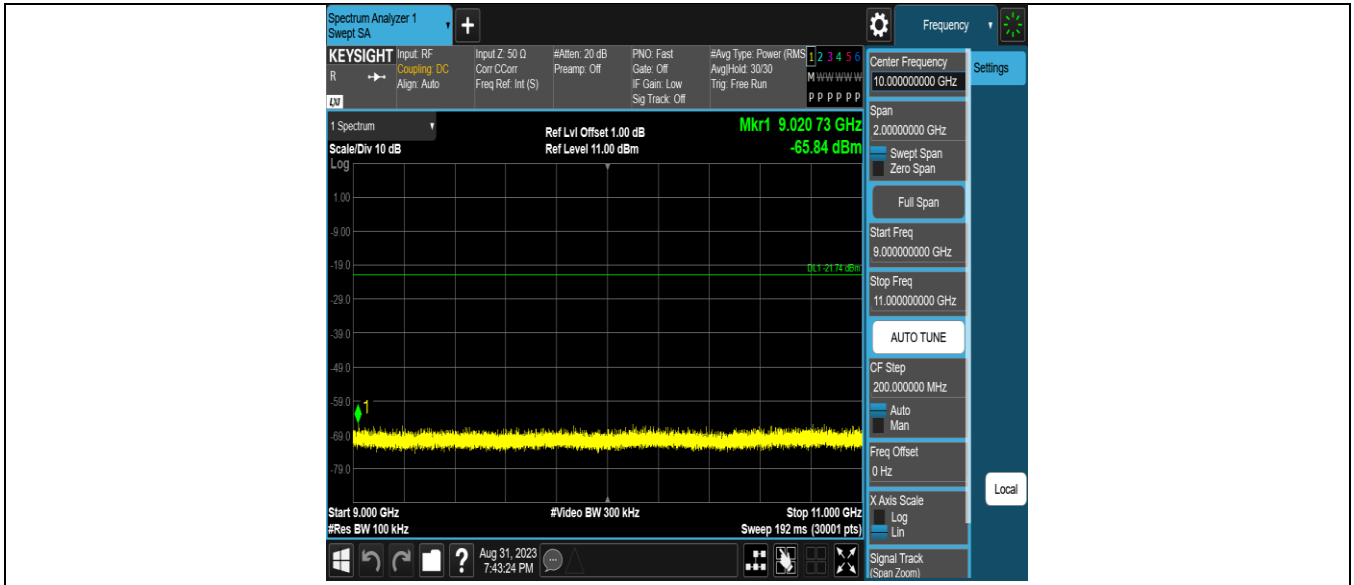
11B_Ant1_2412_5000-7000



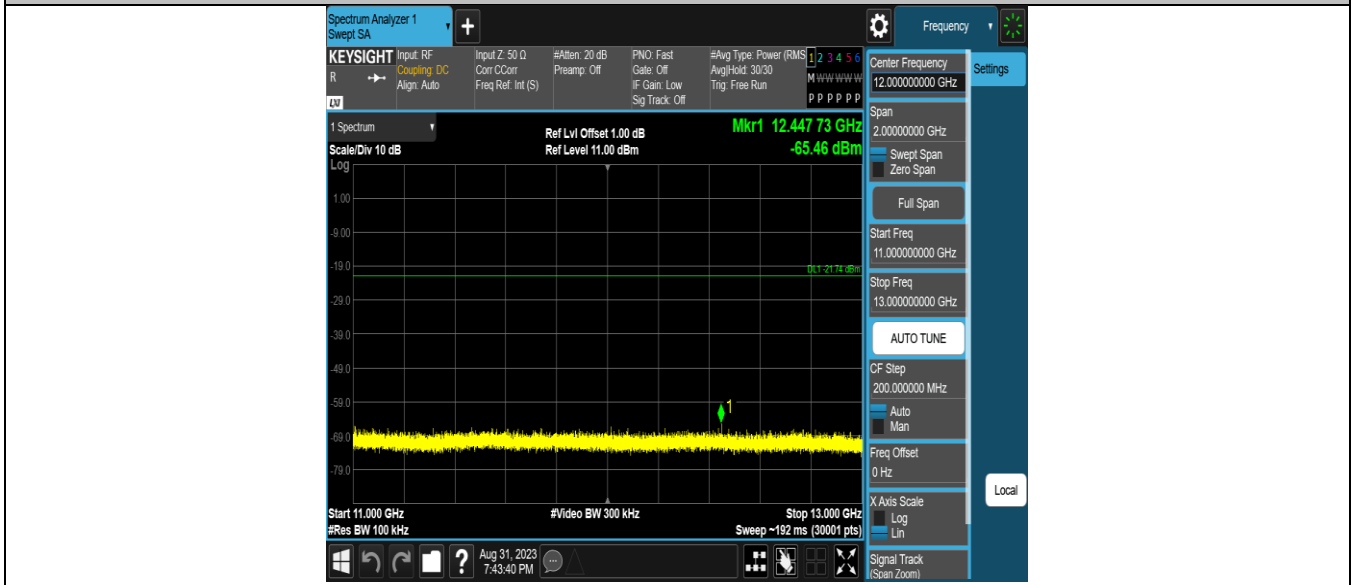
11B_Ant1_2412_7000-9000



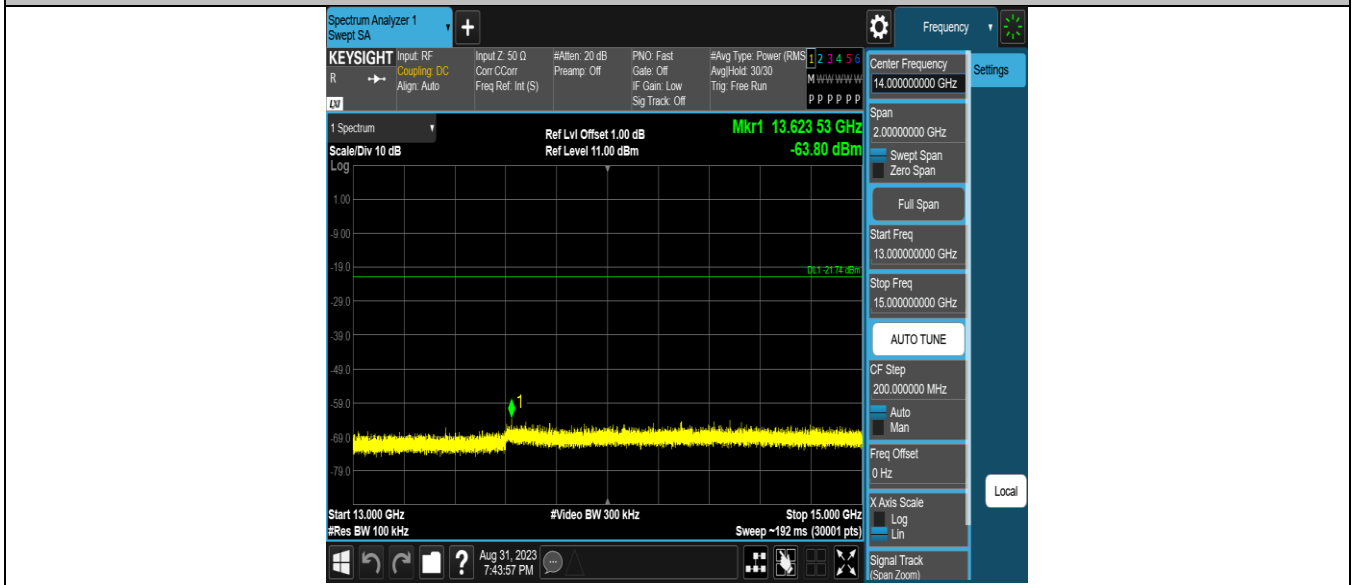
11B_Ant1_2412_9000-11000



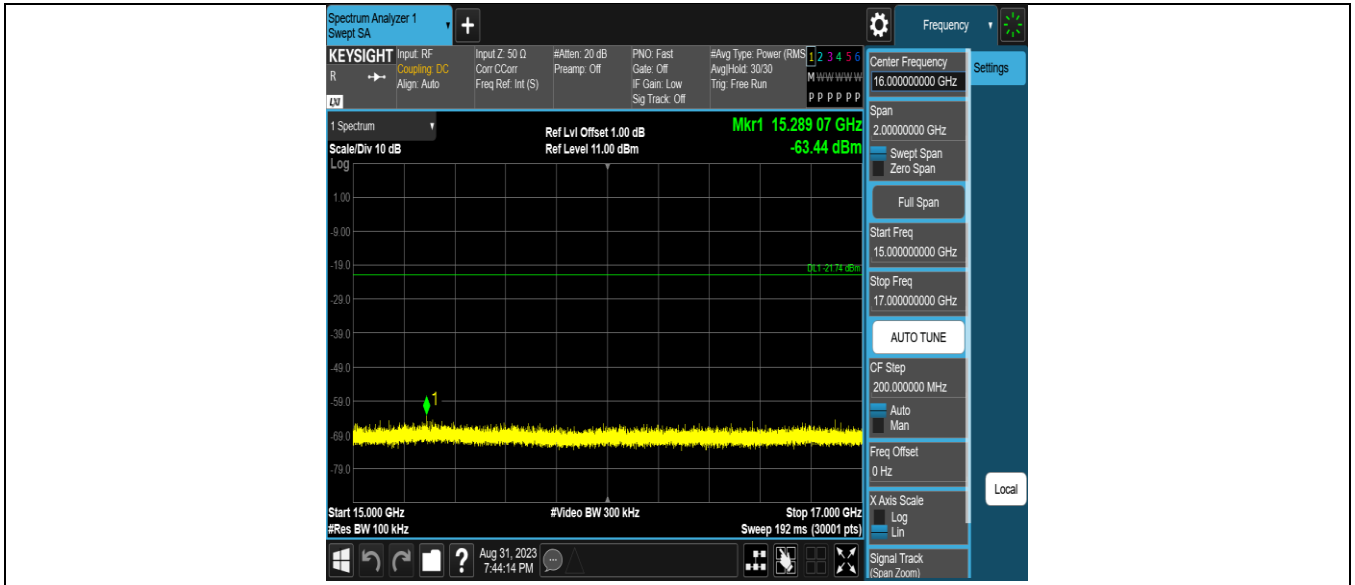
11B_Ant1_2412_11000~13000



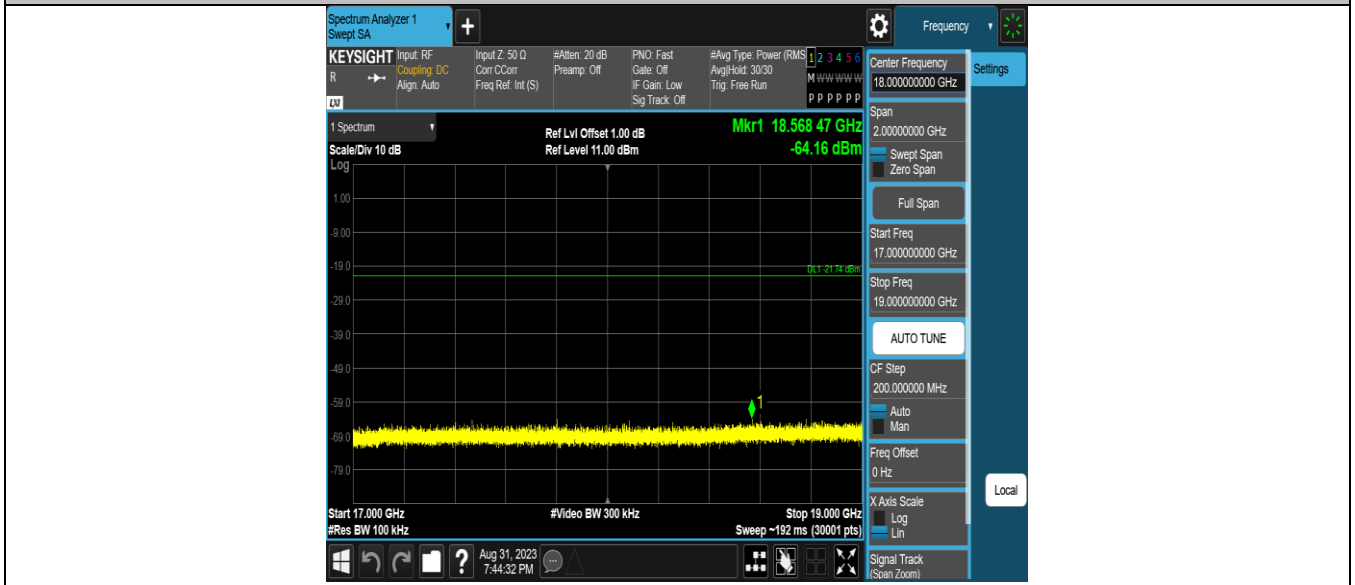
11B_Ant1_2412_13000~15000



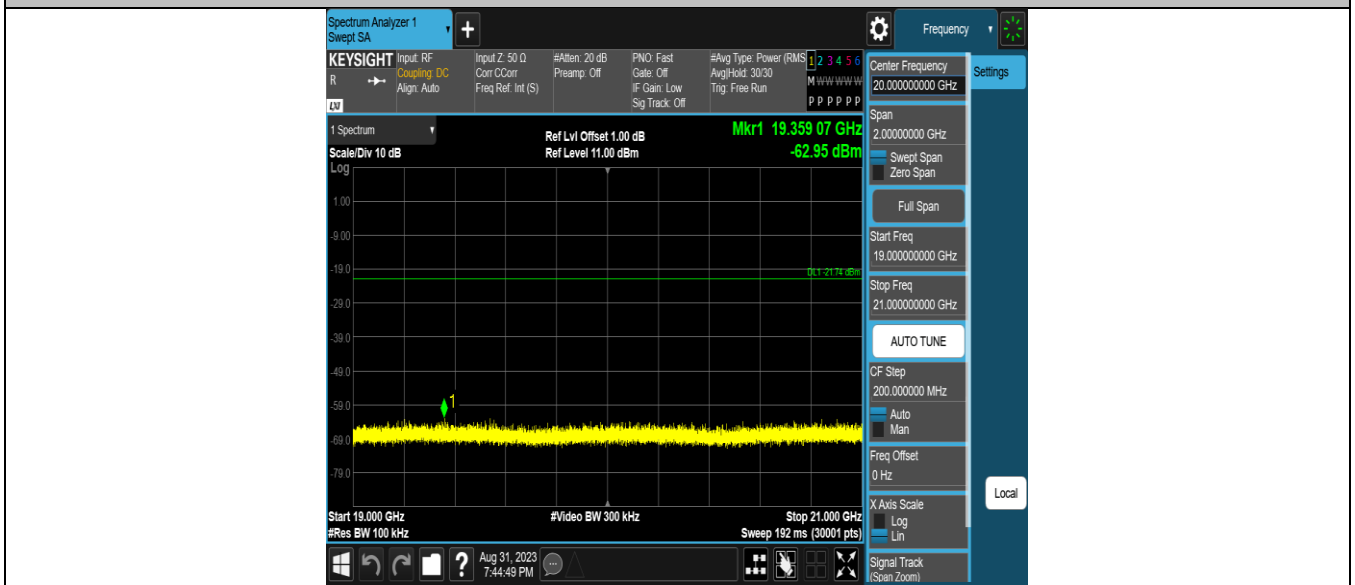
11B_Ant1_2412_15000~17000



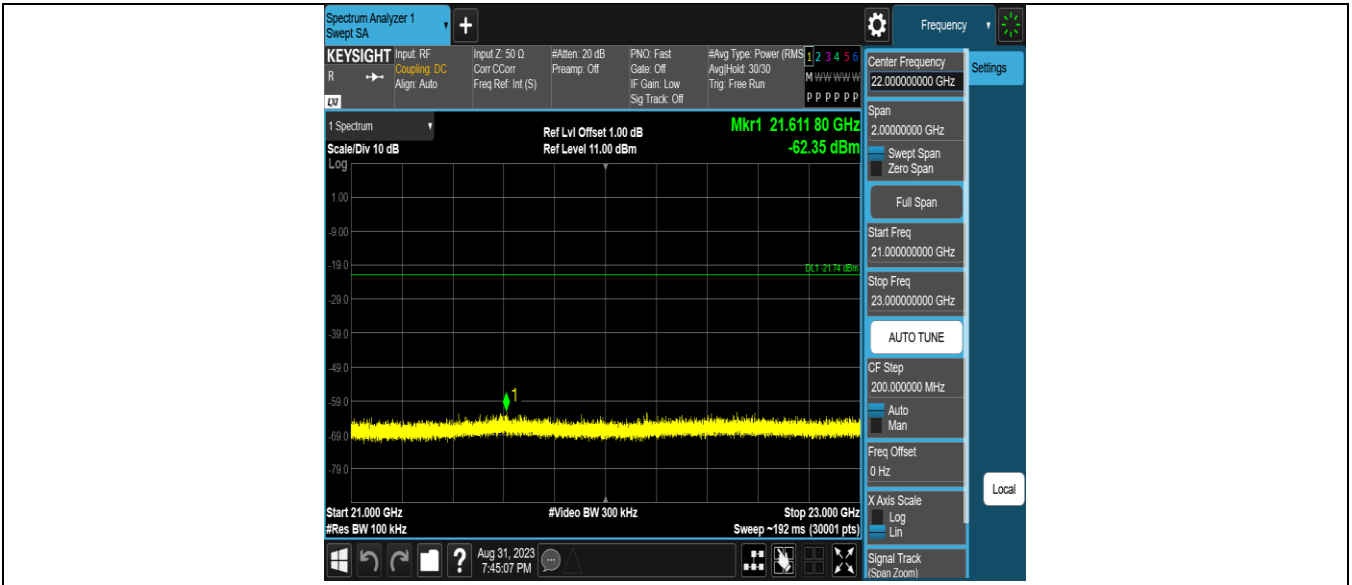
11B_Ant1_2412_17000~19000



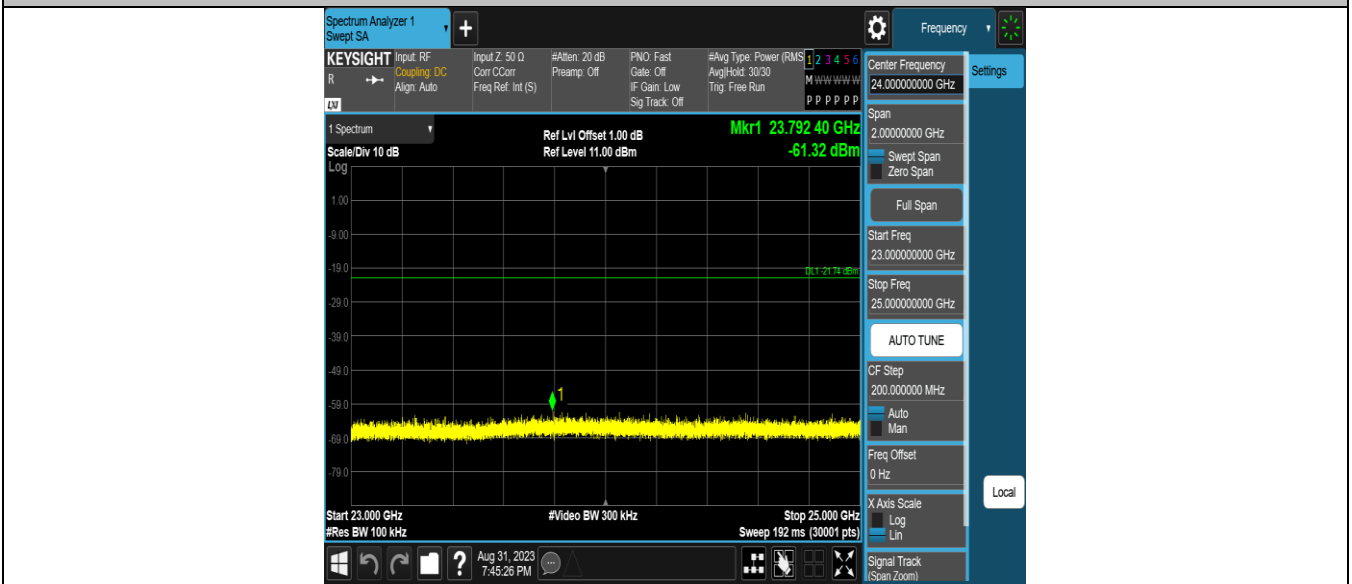
11B_Ant1_2412_19000~21000



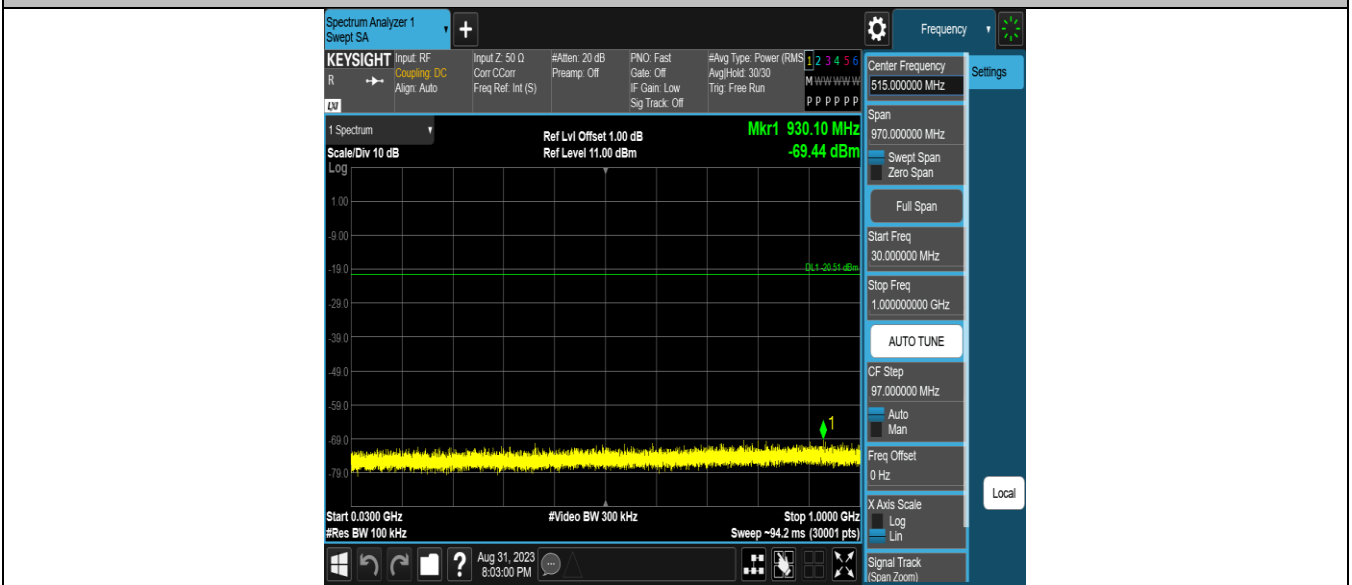
11B_Ant1_2412_21000~23000



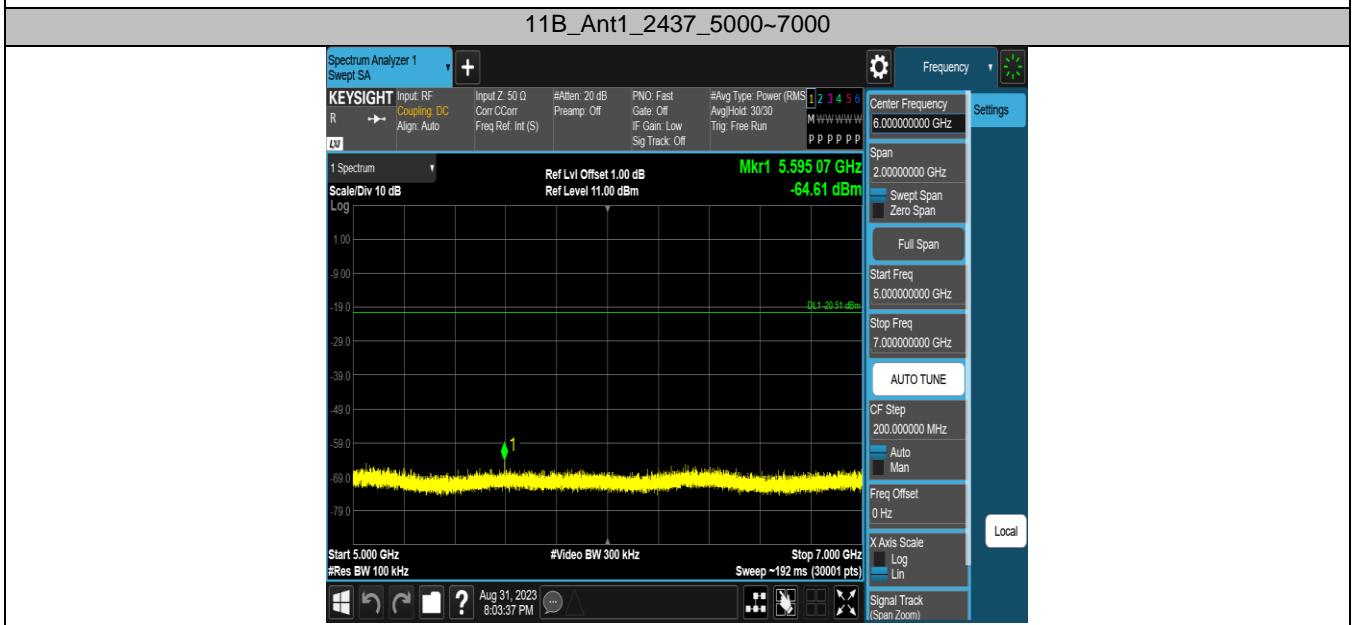
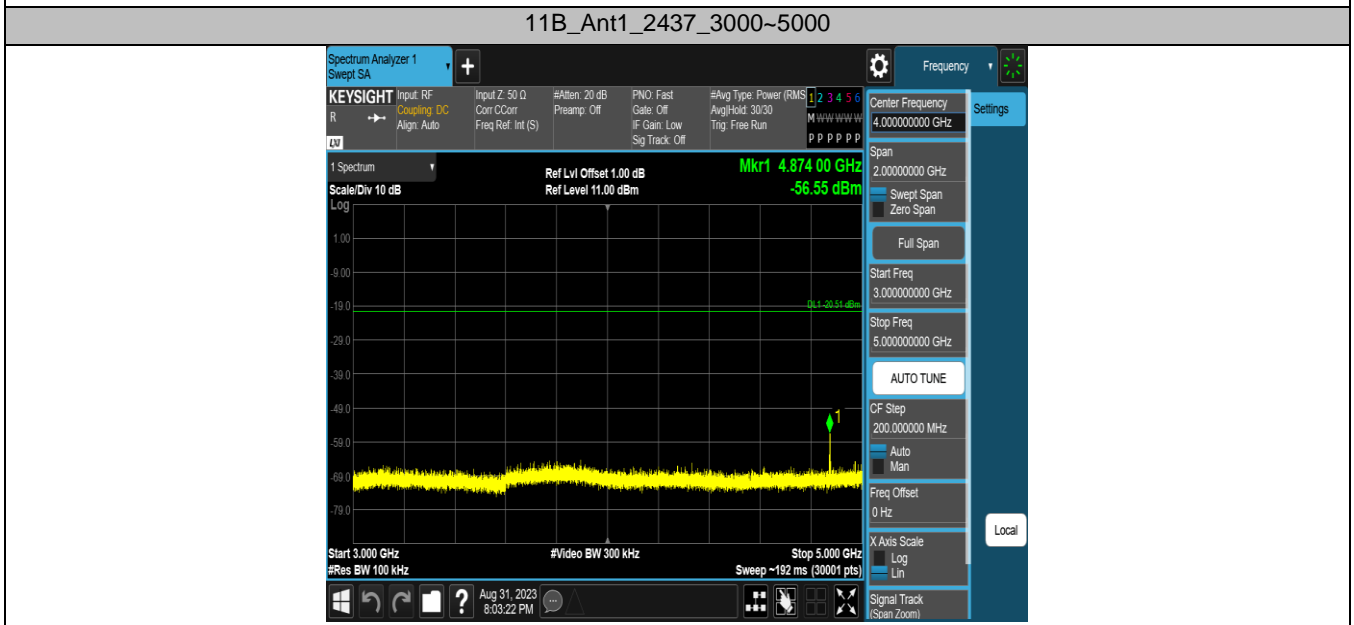
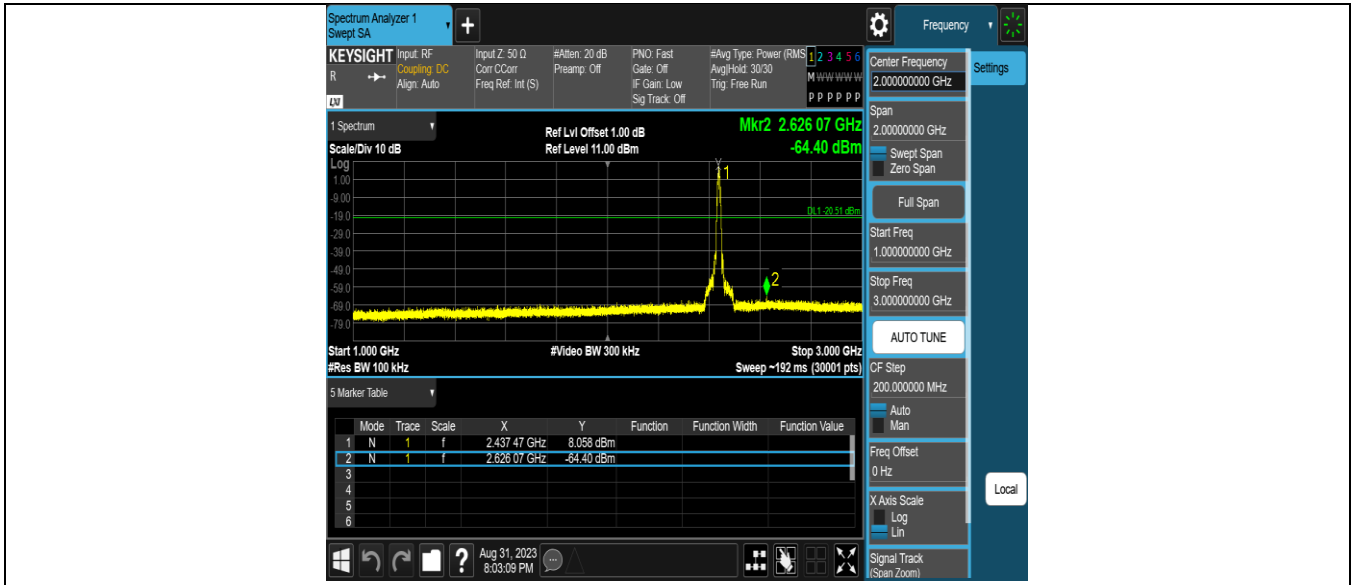
11B_Ant1_2412_23000-25000

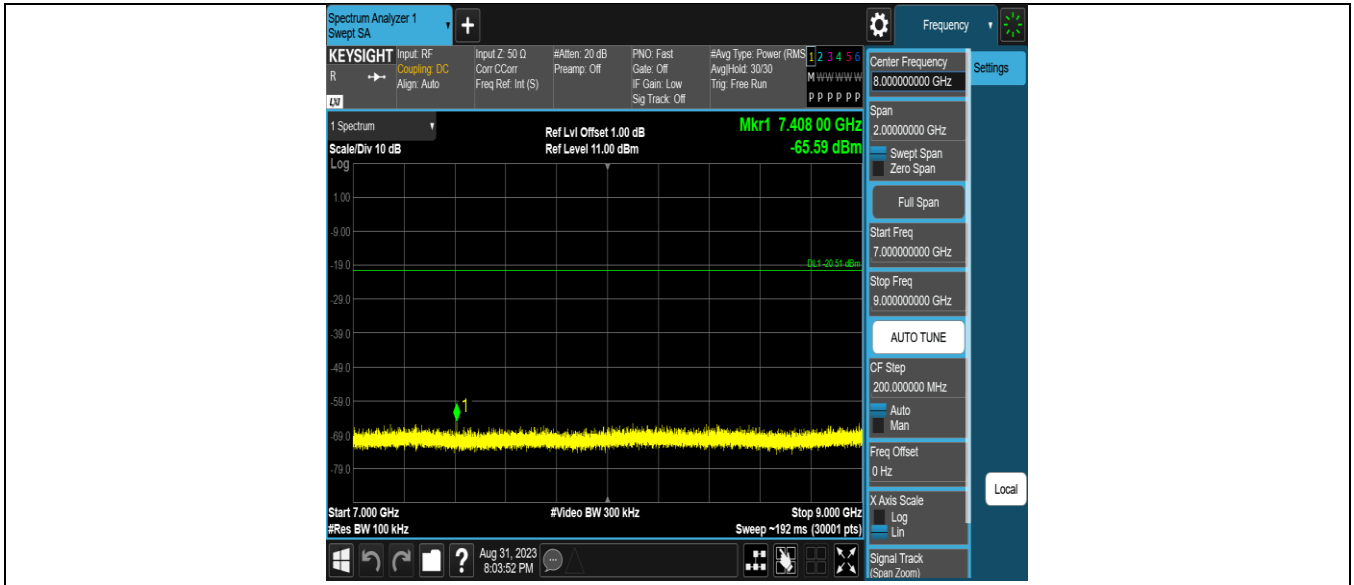


11B_Ant1_2437_30-1000

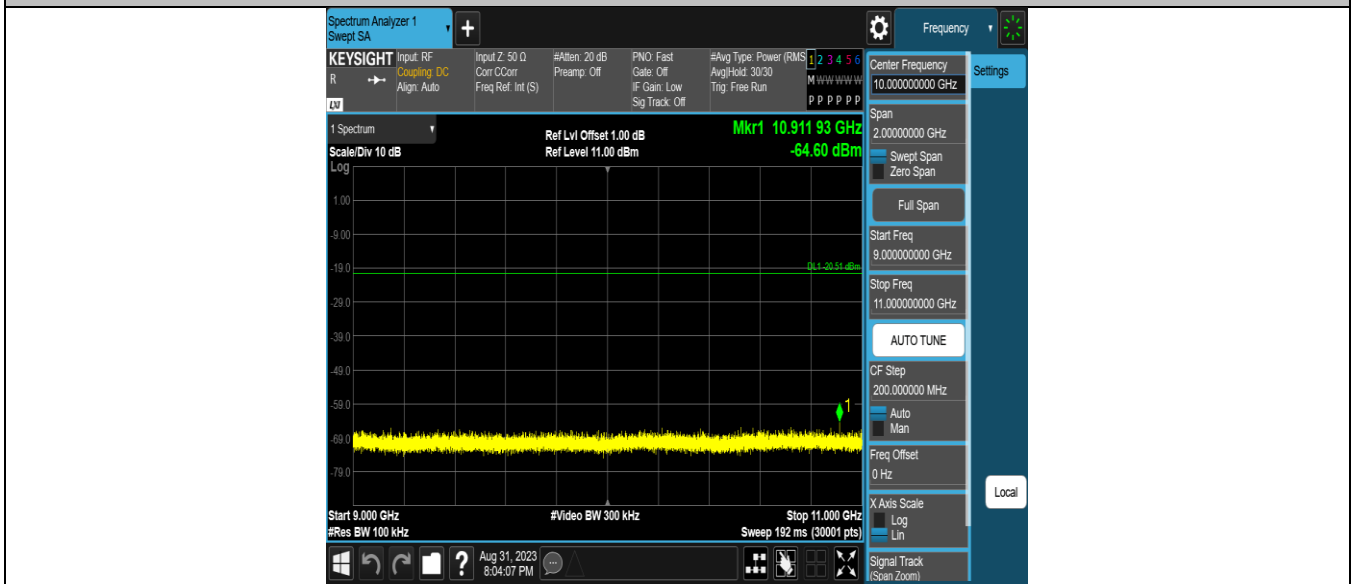


11B_Ant1_2437_1000-3000

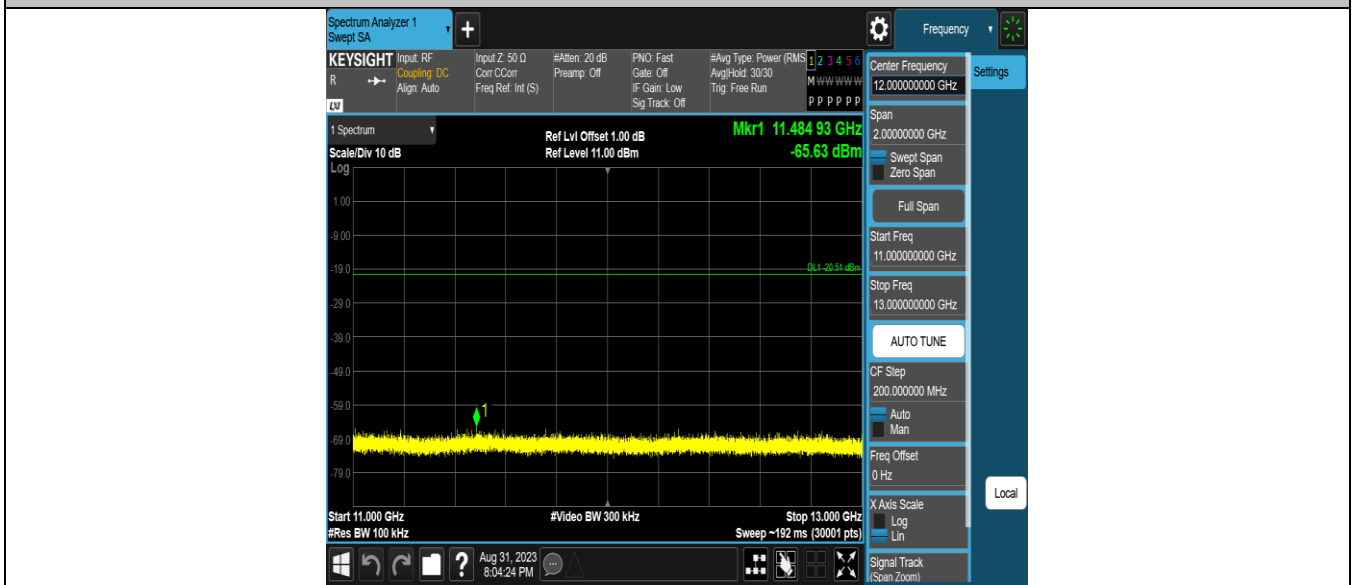




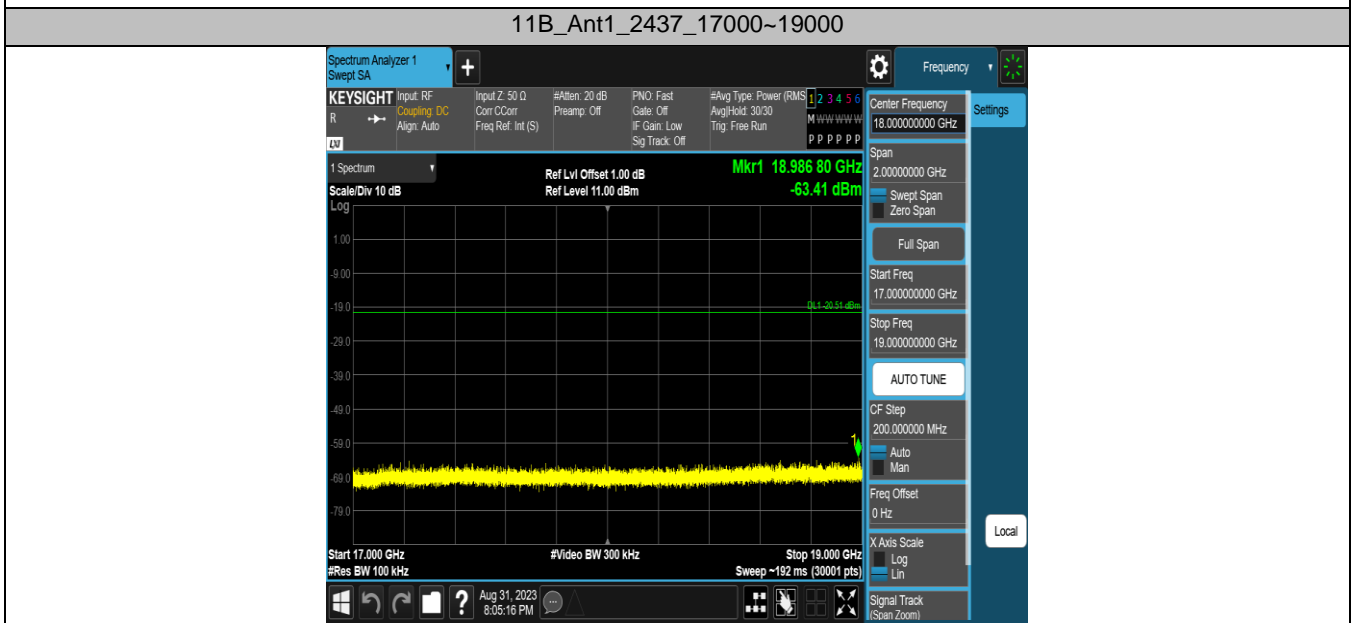
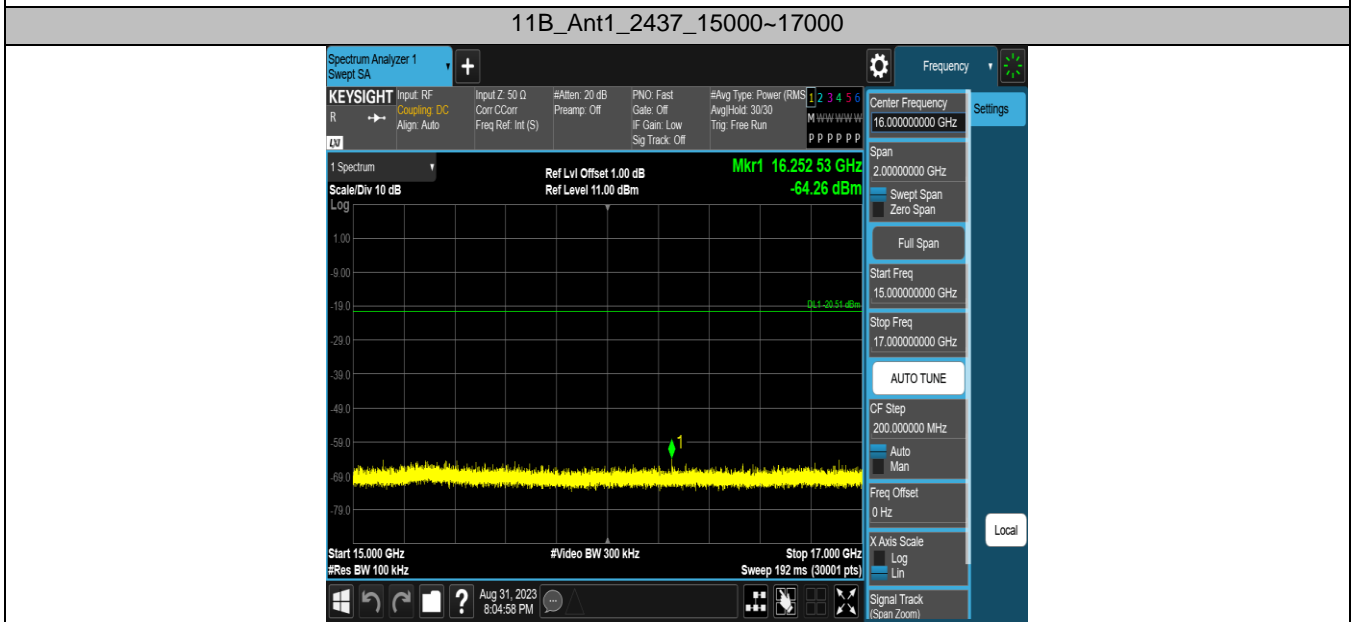
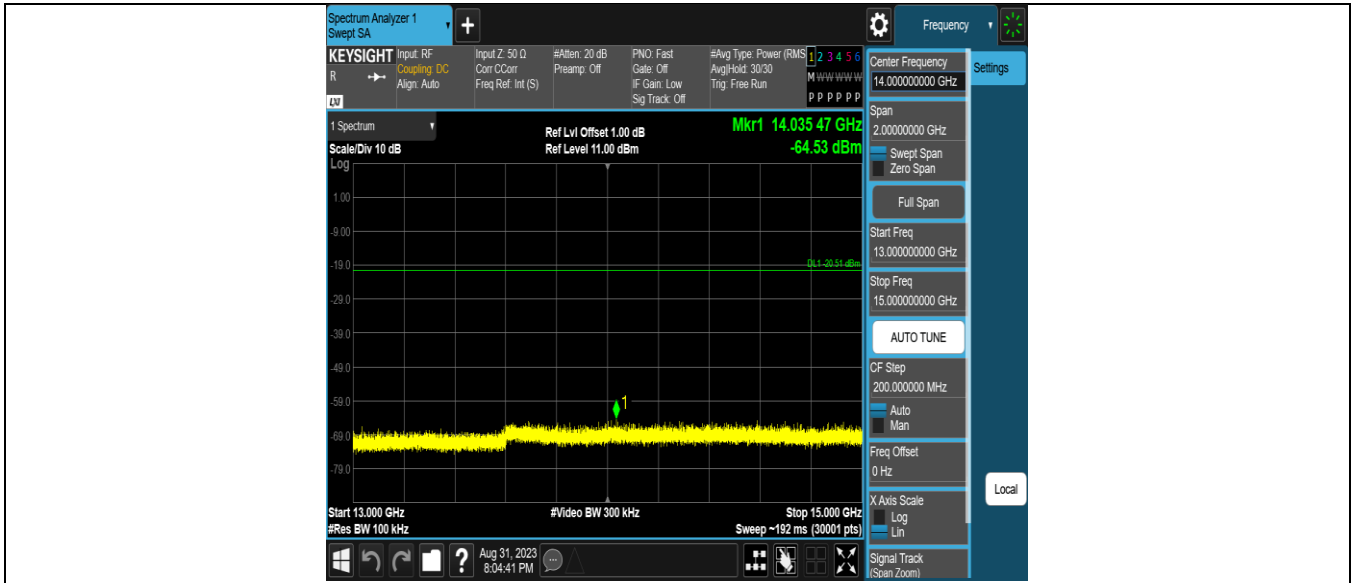
11B_Ant1_2437_9000~11000



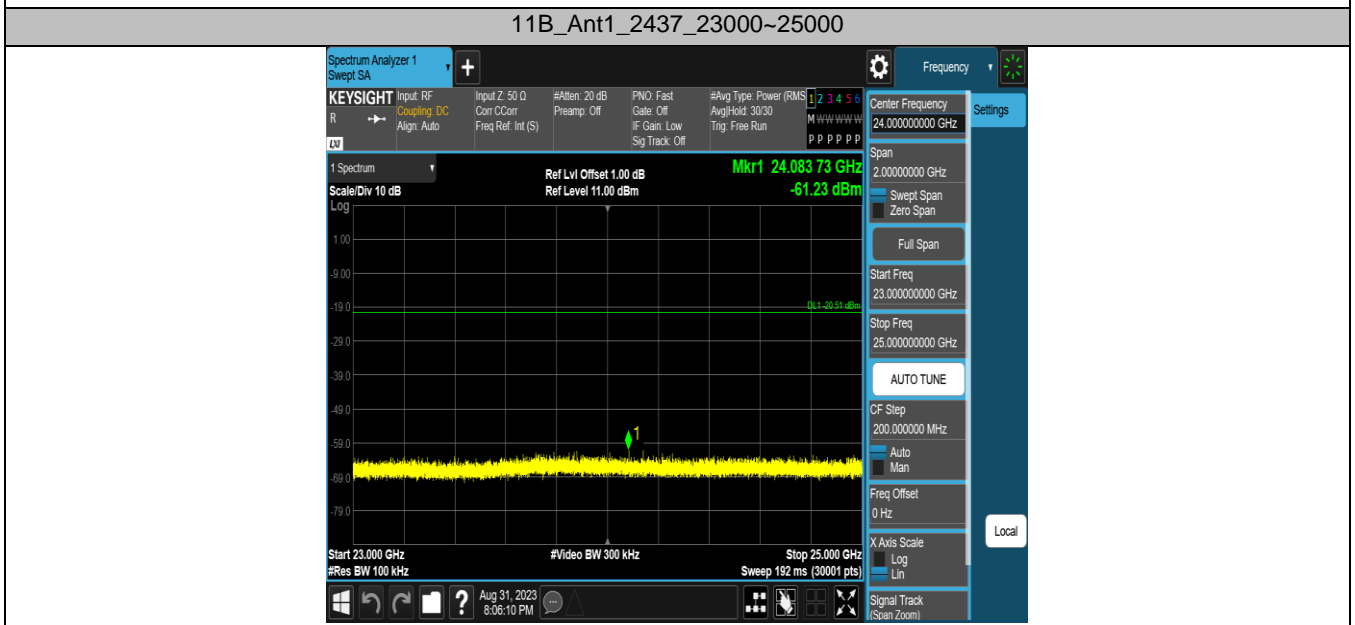
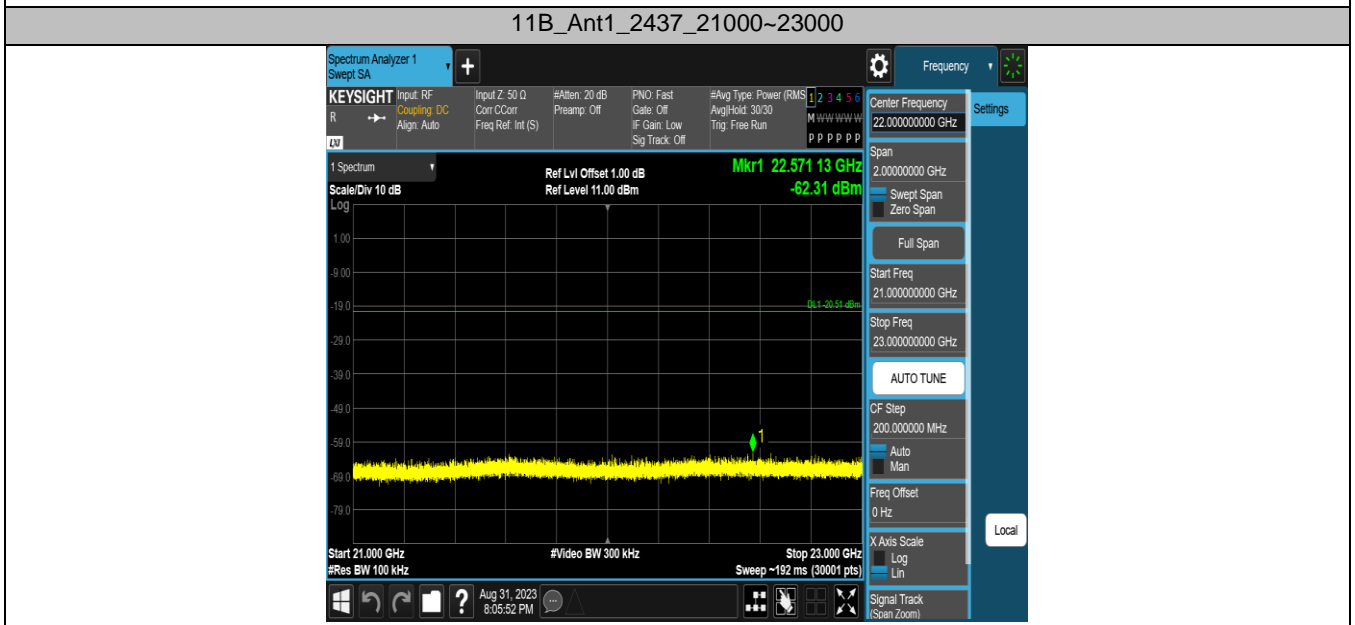
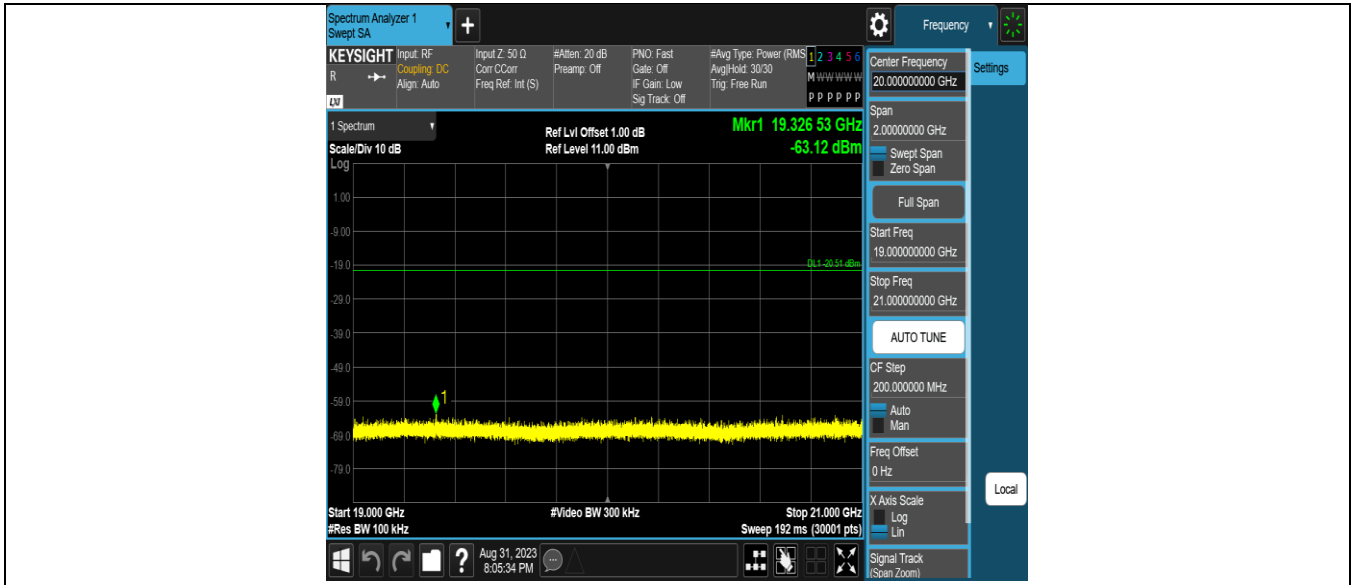
11B_Ant1_2437_11000~13000

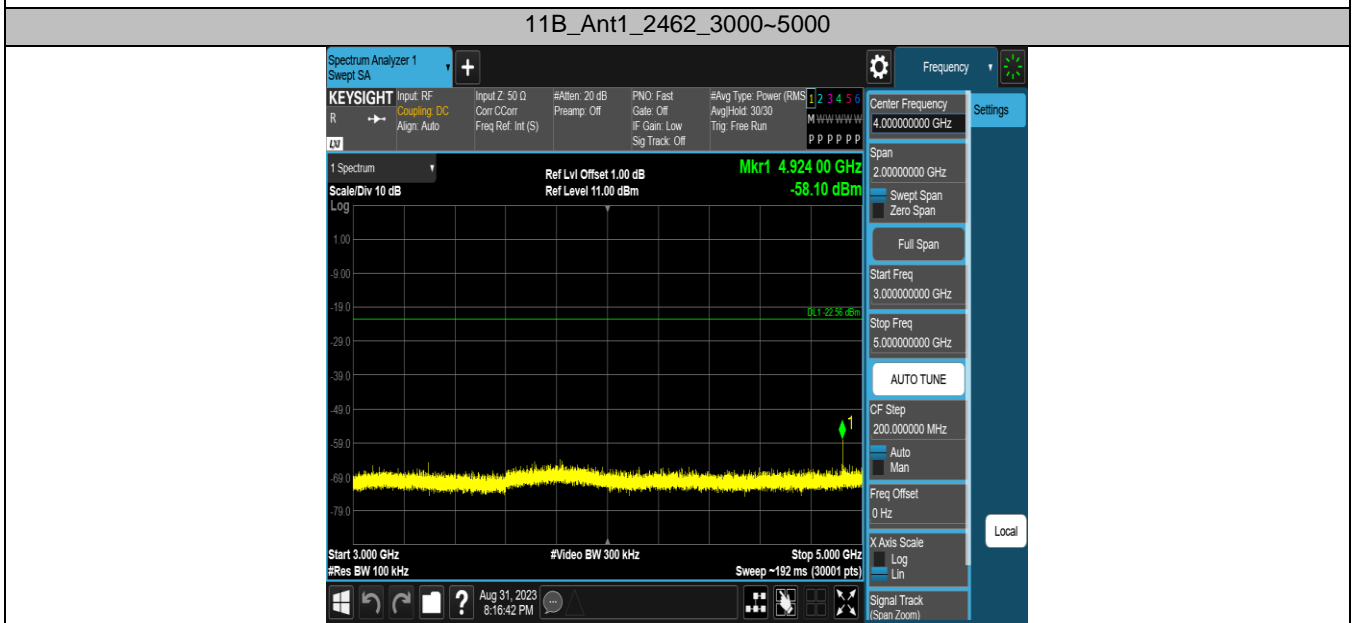
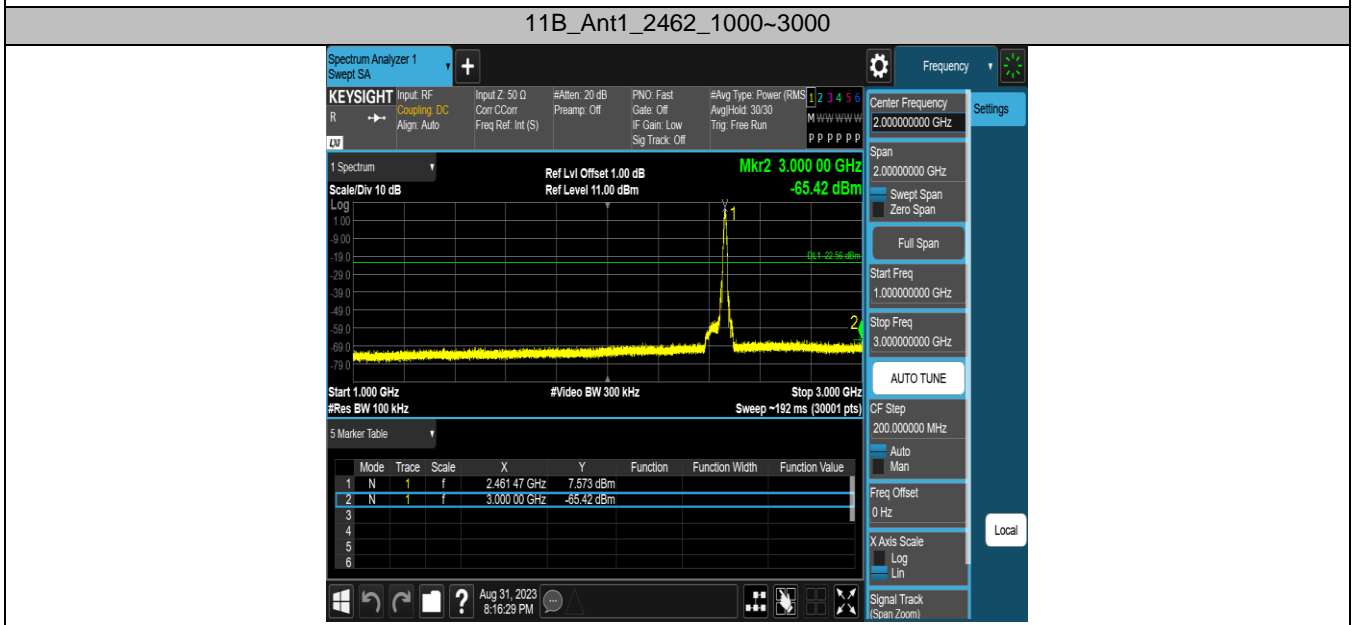
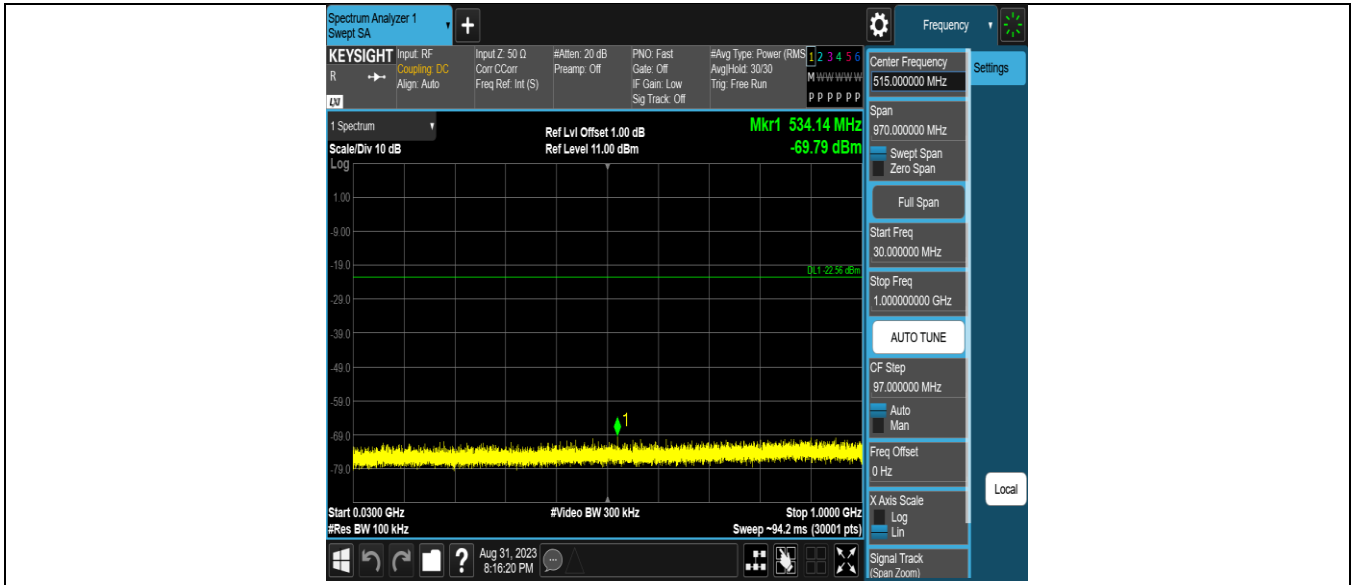


11B_Ant1_2437_13000~15000

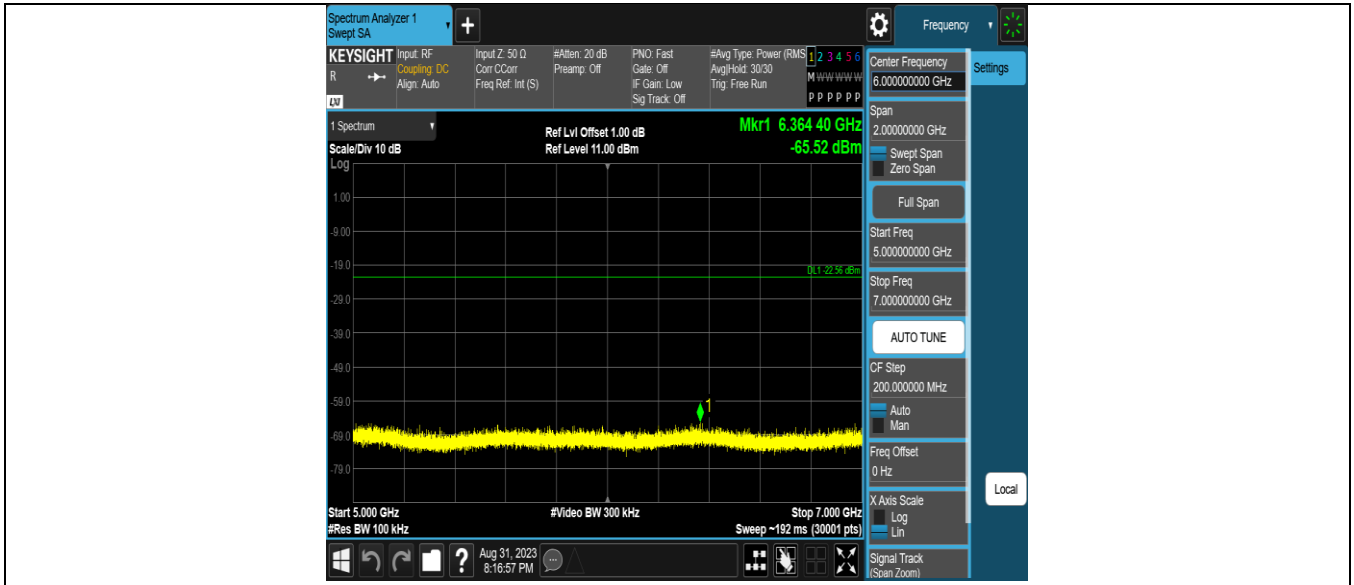


11B_Ant1_2437_19000~21000

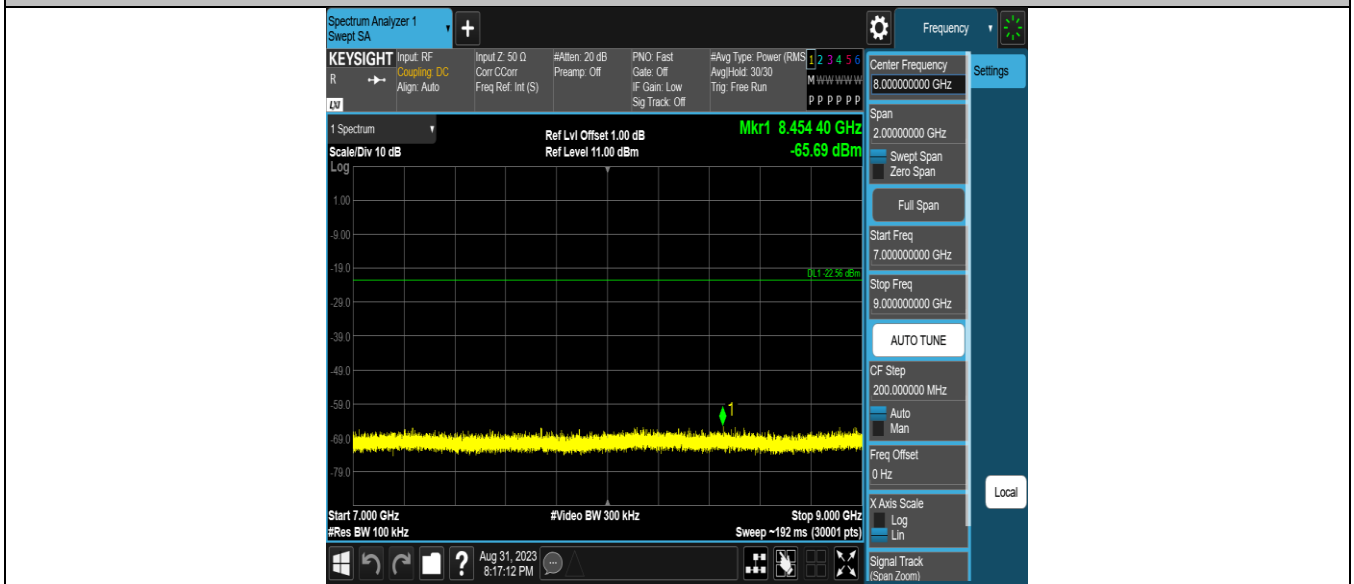




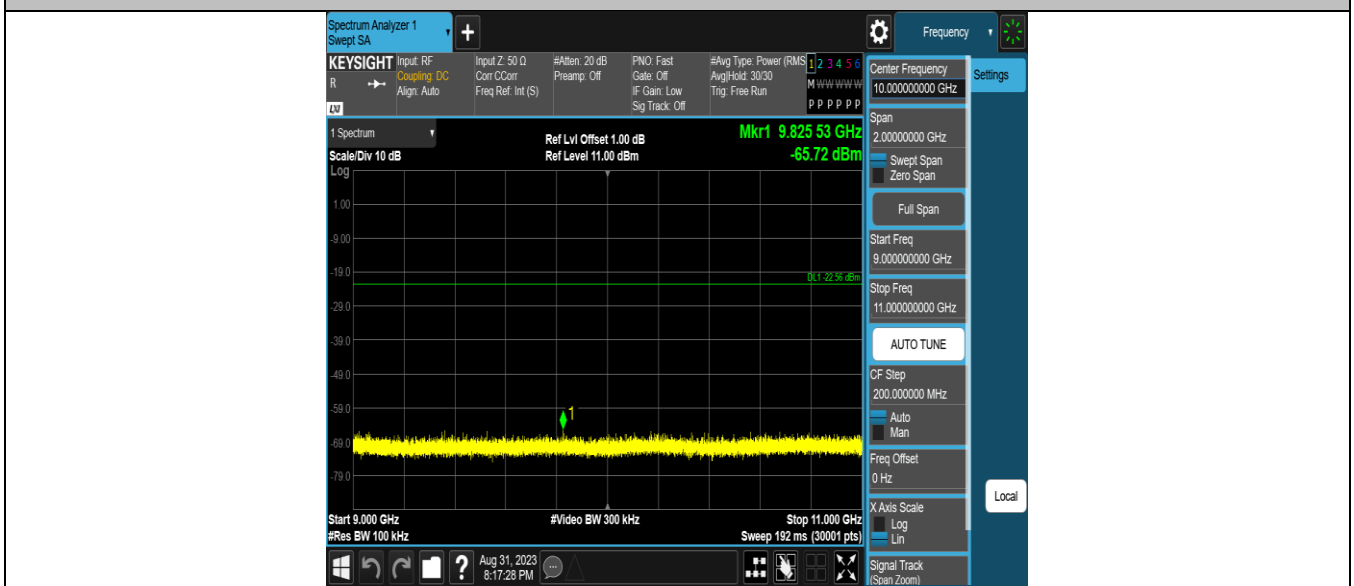
11B_Ant1_2462_5000-7000



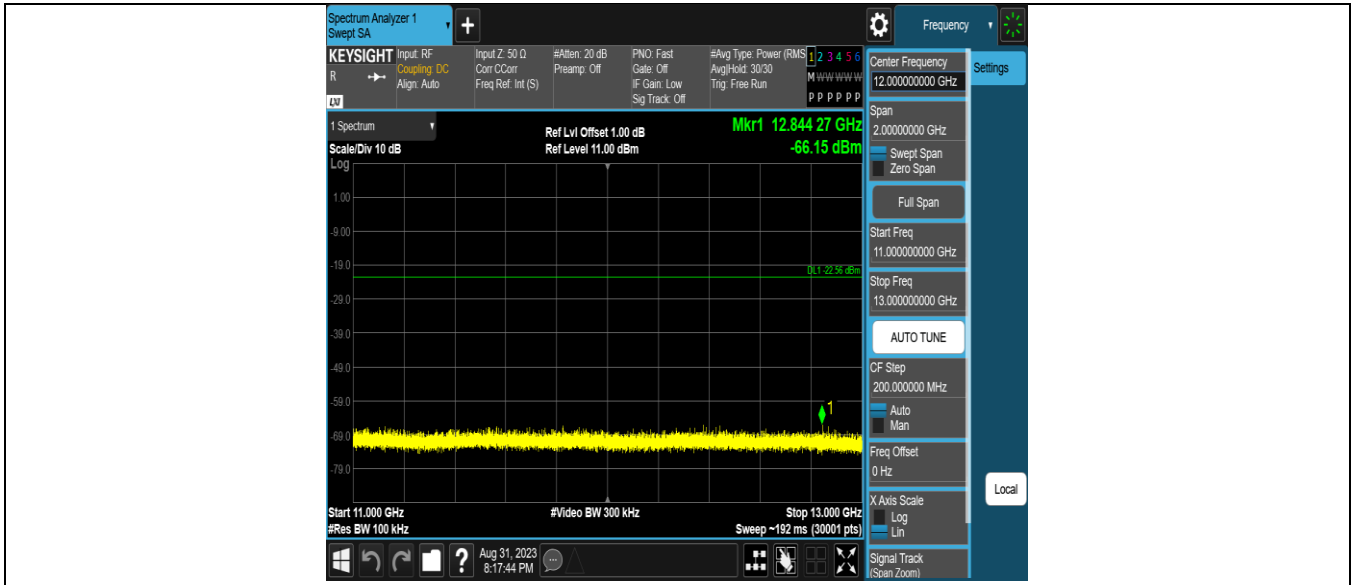
11B_Ant1_2462_7000~9000



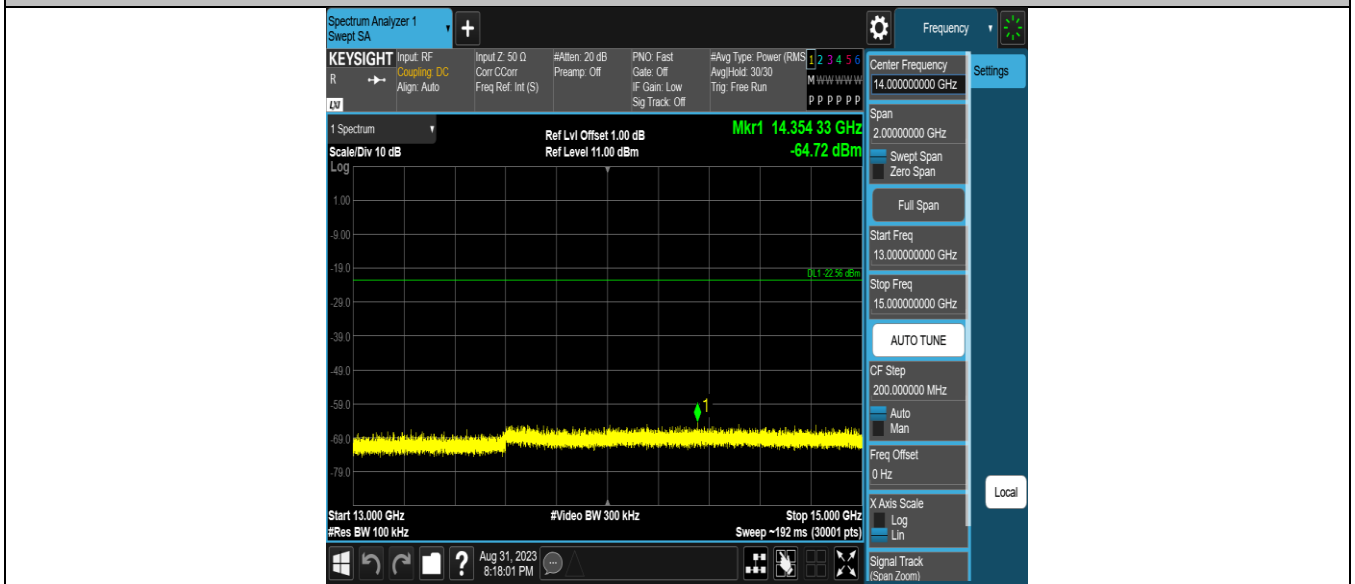
11B_Ant1_2462_9000~11000



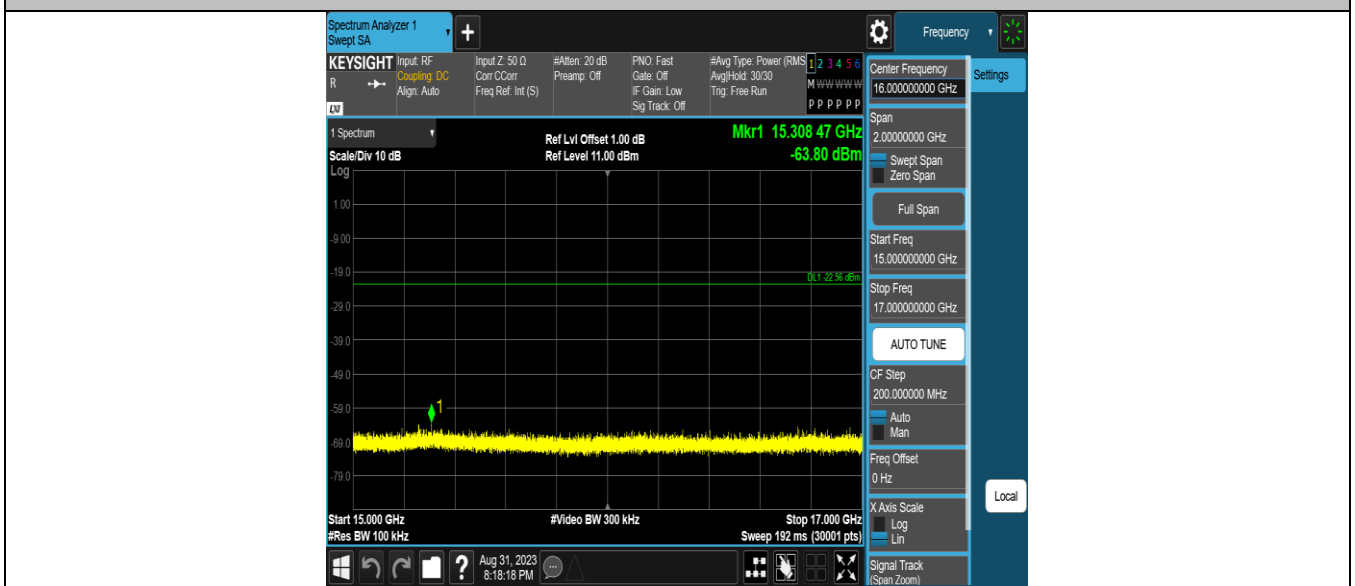
11B_Ant1_2462_11000~13000



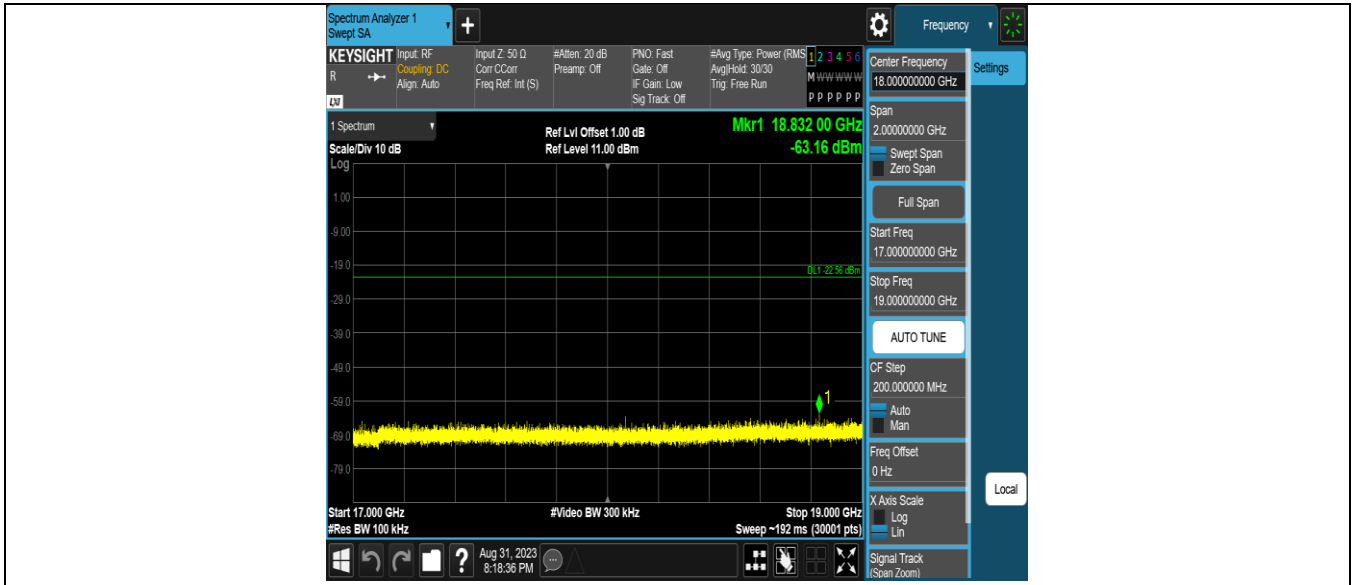
11B_Ant1_2462_13000-15000



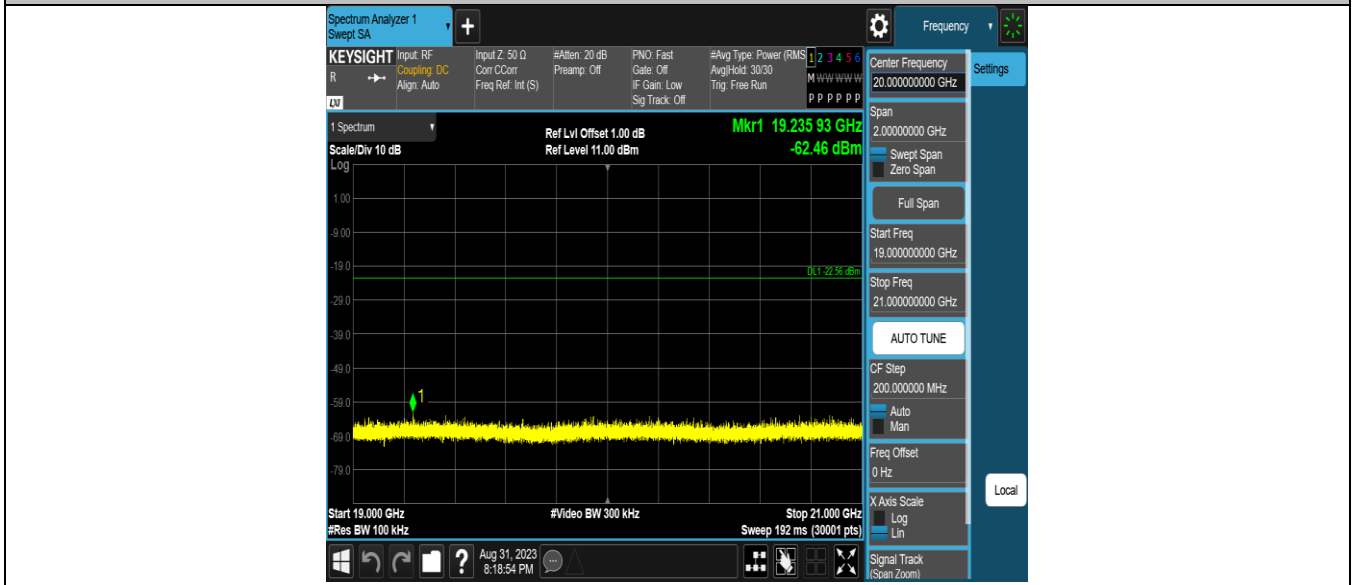
11B_Ant1_2462_15000-17000



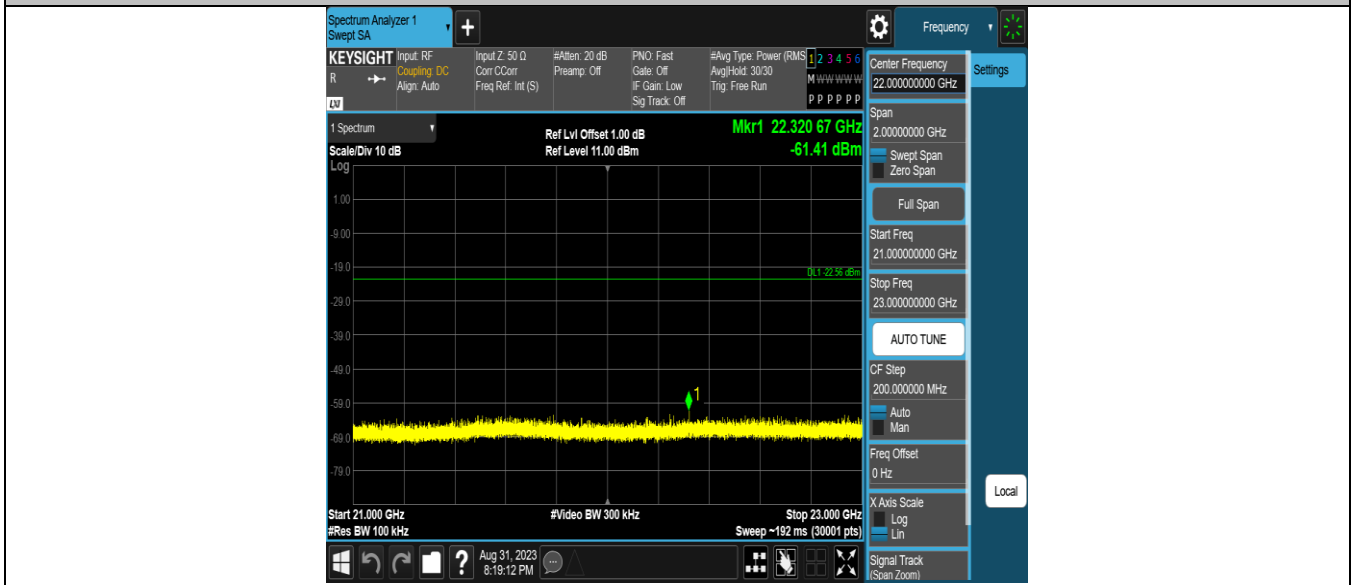
11B_Ant1_2462_17000-19000



11B_Ant1_2462_19000~21000



11B_Ant1_2462_21000~23000



11B_Ant1_2462_23000~25000