

Appendix A: Test Results

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Appendix A.1: Test Results of Conducted Power Spectral Density

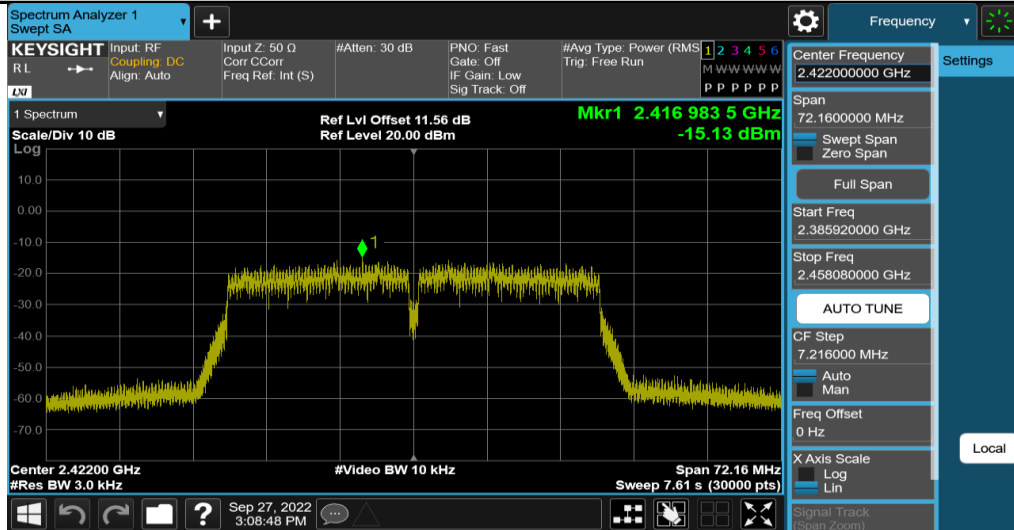
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.70	≤8.00	PASS
		2437	-8.41	≤8.00	PASS
		2462	-8.90	≤8.00	PASS
11G	Ant1	2412	-12.54	≤8.00	PASS
		2437	-13.00	≤8.00	PASS
		2462	-11.46	≤8.00	PASS
11N20SISO	Ant1	2412	-12.79	≤8.00	PASS
		2437	-12.34	≤8.00	PASS
		2462	-12.89	≤8.00	PASS
11N40SISO	Ant1	2422	-15.13	≤8.00	PASS
		2437	-14.82	≤8.00	PASS
		2452	-18.40	≤8.00	PASS



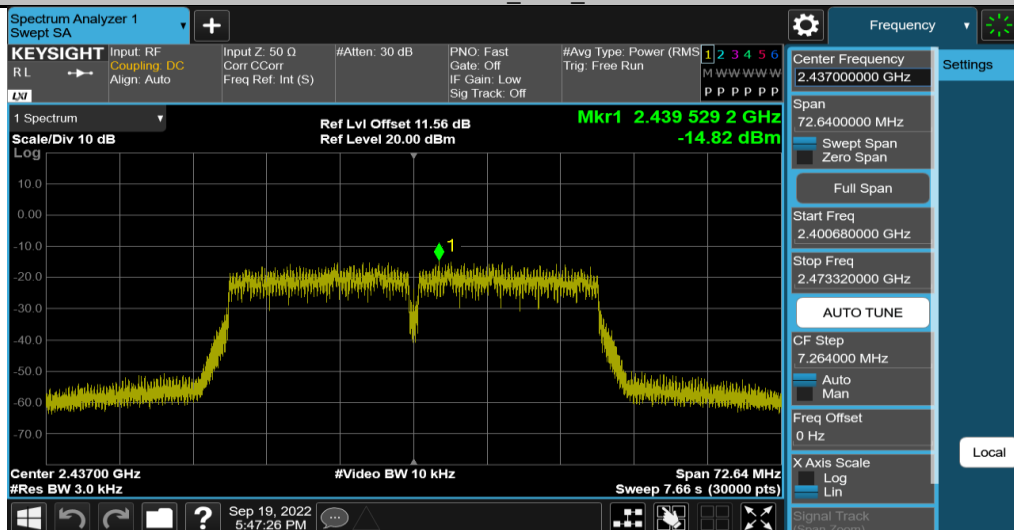




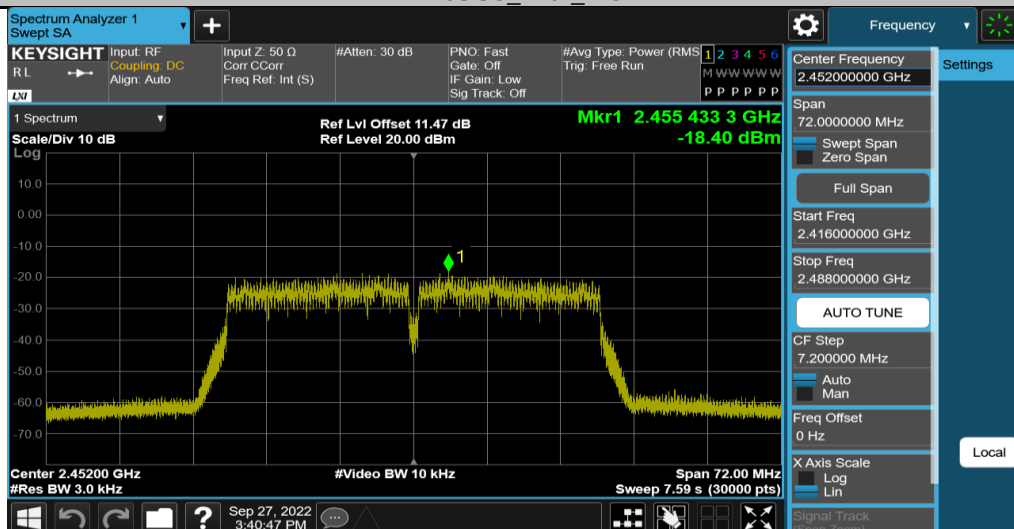
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



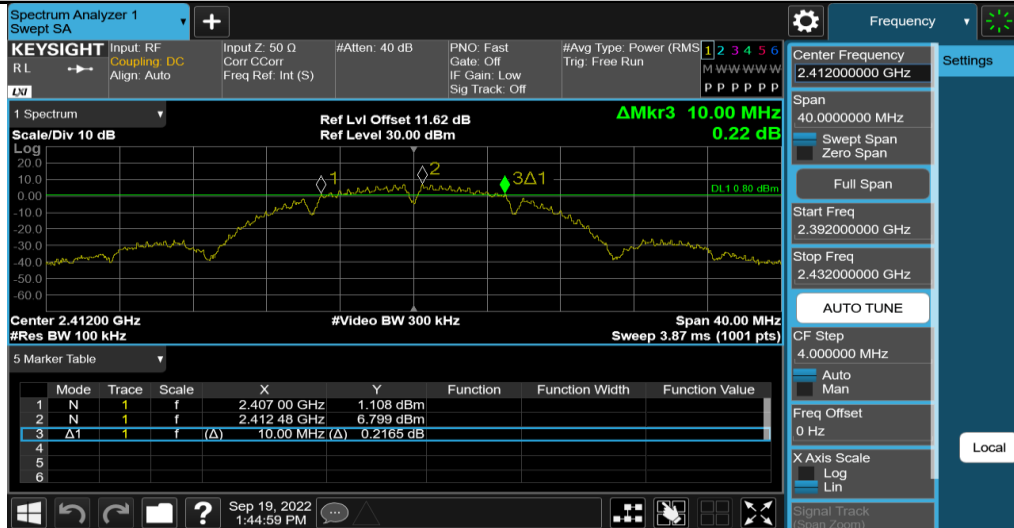
11N40SISO_Ant1_2452



Appendix A.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.000	2407.000	2417.000	0.5	PASS
		2437	10.000	2432.000	2442.000	0.5	PASS
		2462	10.000	2457.000	2467.000	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.360	2453.800	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.200	2420.800	0.5	PASS
		2437	17.600	2428.200	2445.800	0.5	PASS
		2462	17.560	2453.200	2470.760	0.5	PASS
11N40SISO	Ant1	2422	36.080	2404.080	2440.160	0.5	PASS
		2437	36.320	2418.840	2455.160	0.5	PASS
		2452	36.000	2434.080	2470.080	0.5	PASS

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412

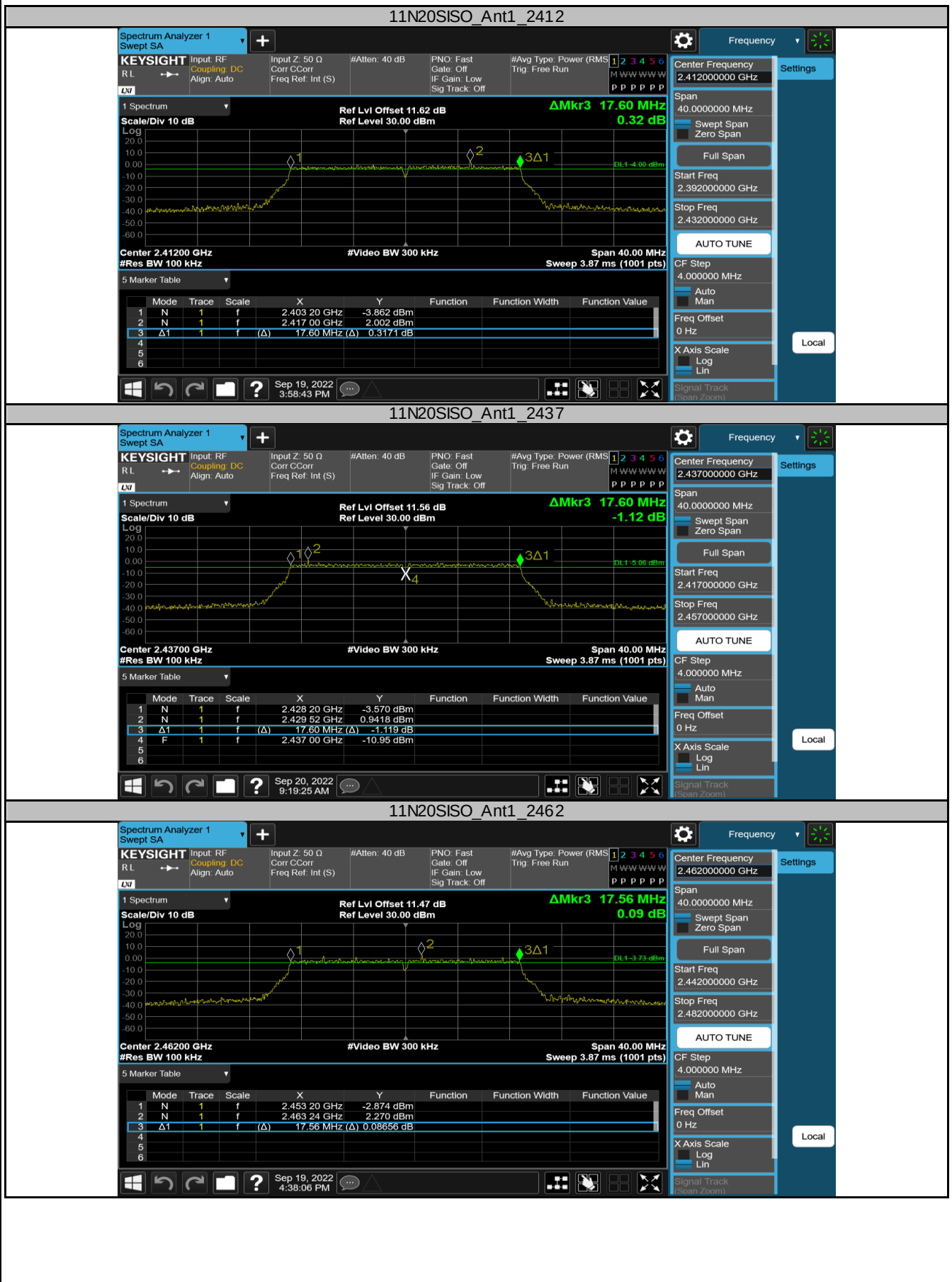


11G_Ant1_2437

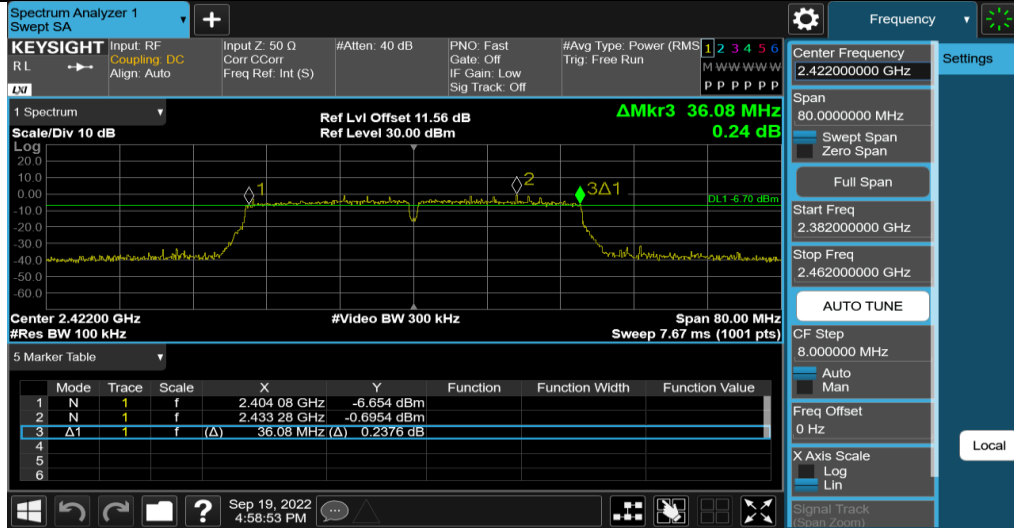


11G_Ant1_2462





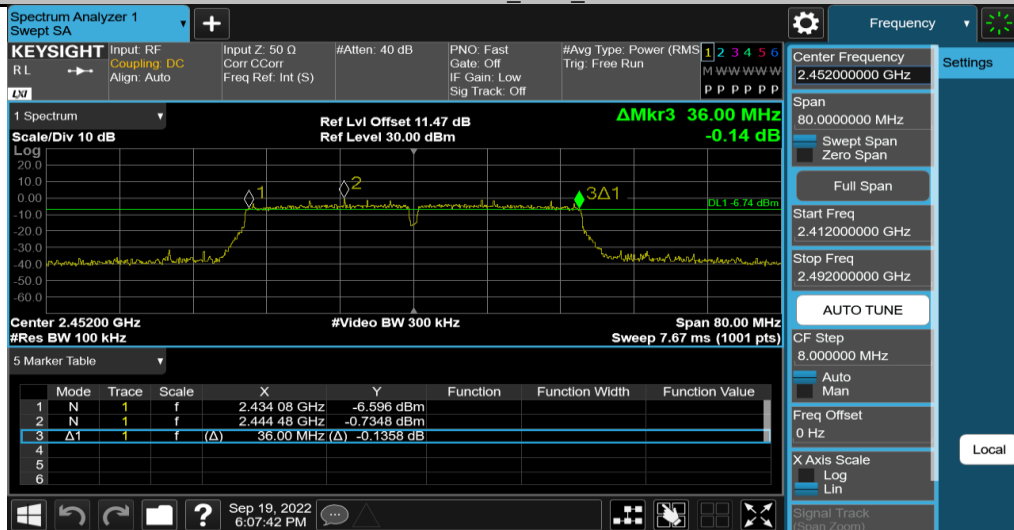
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

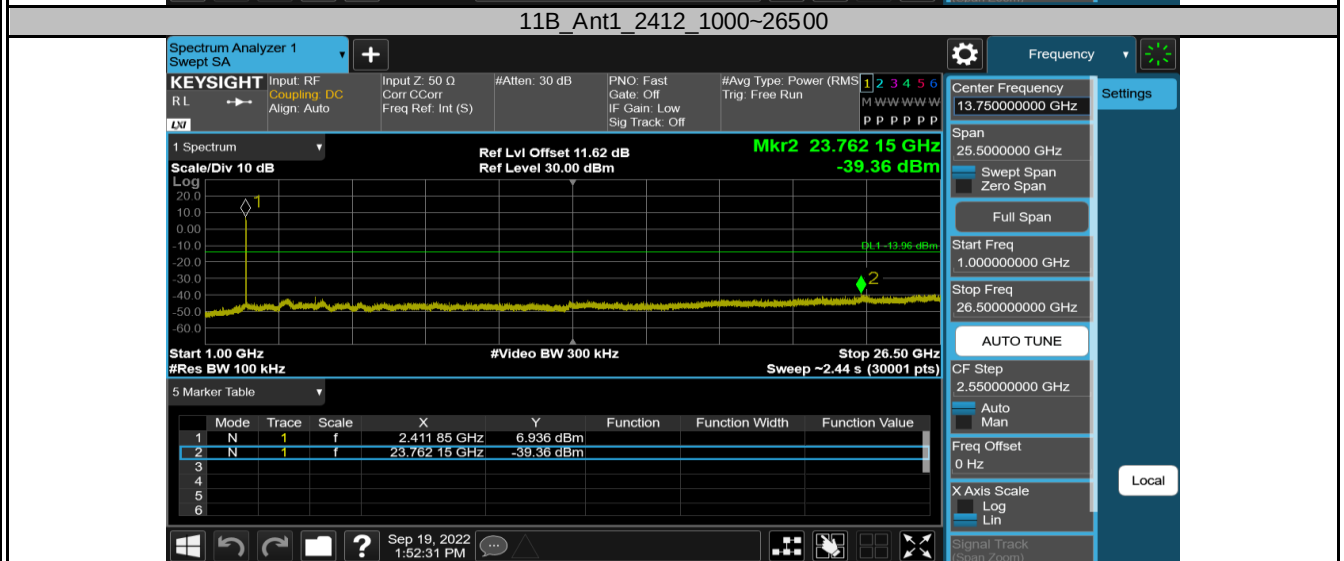
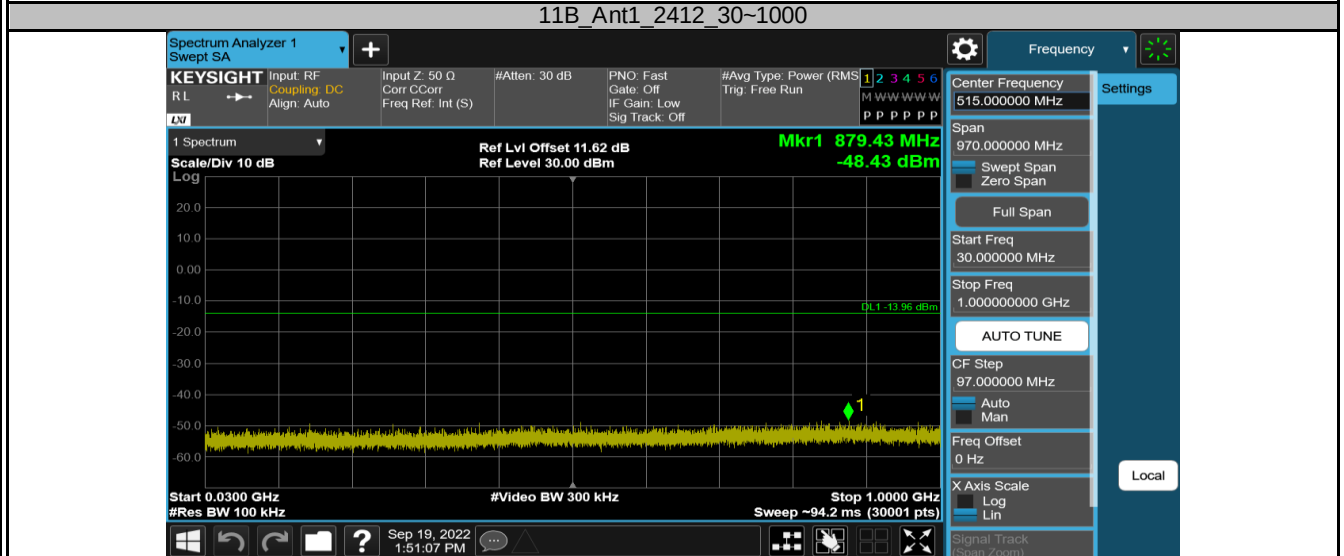
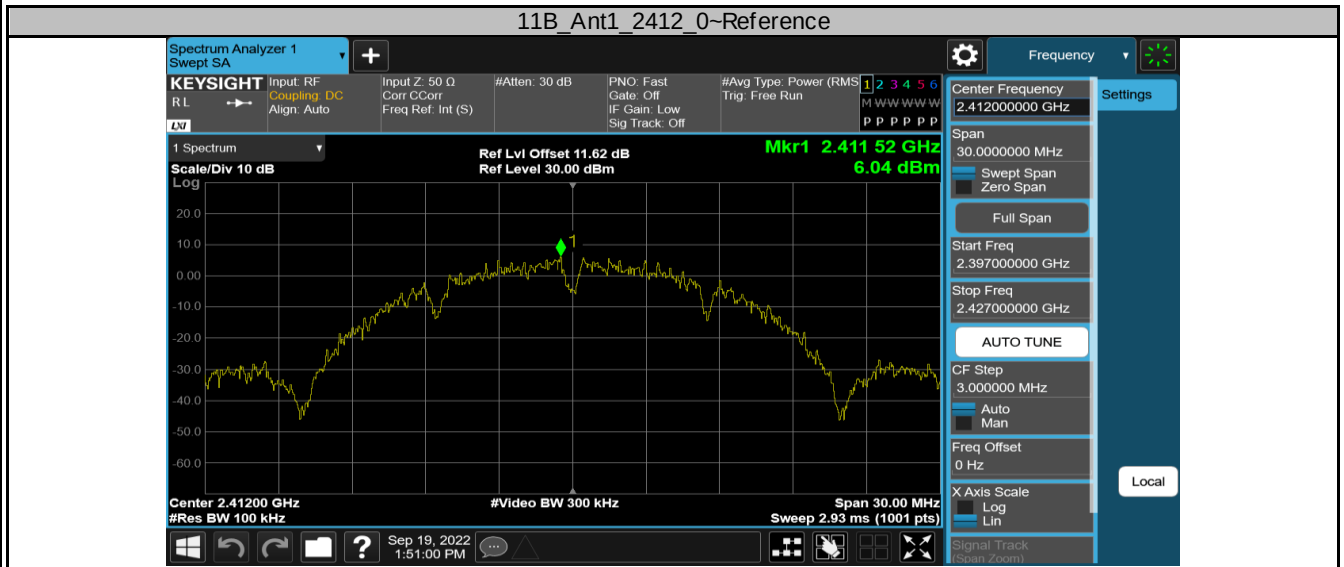


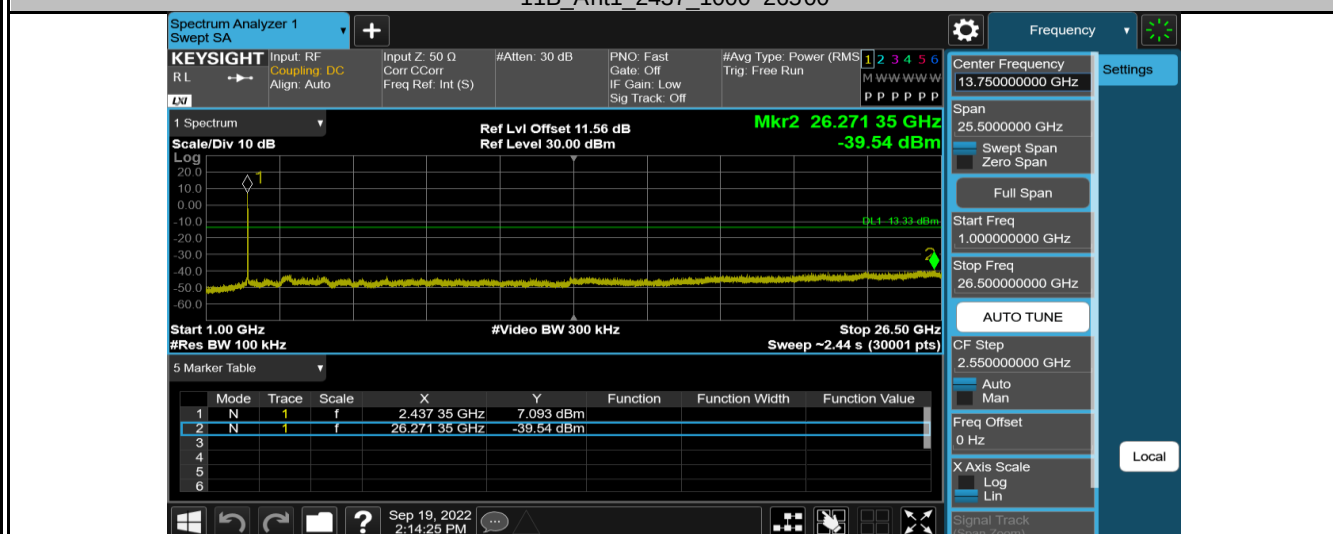
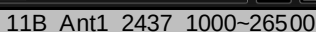
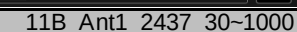
Appendix A3:

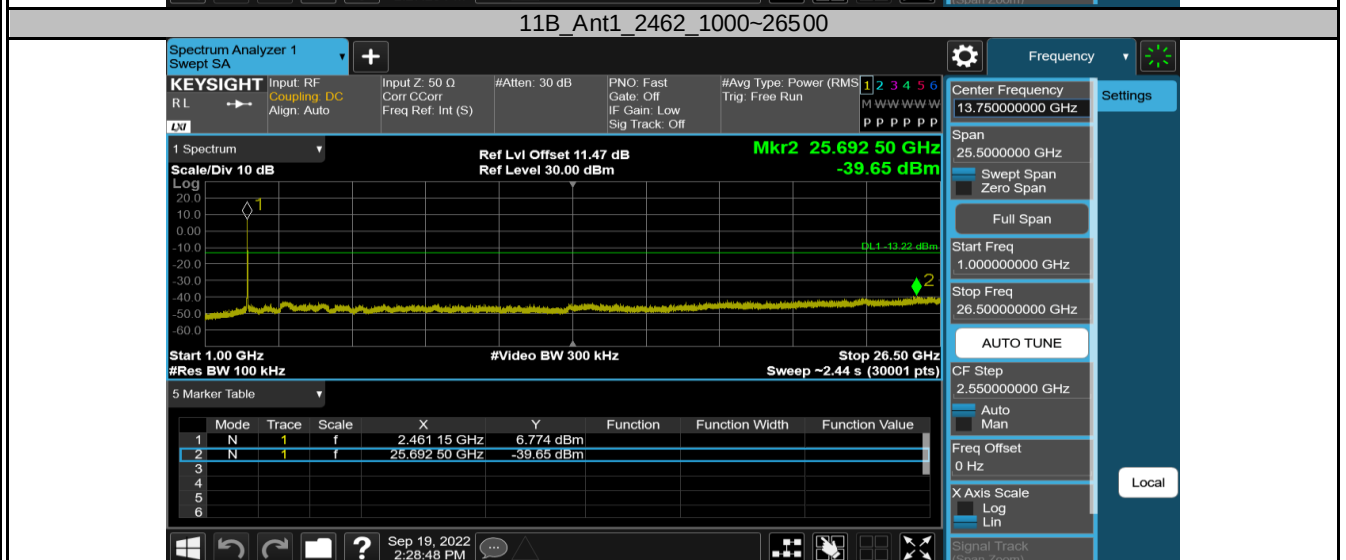
Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

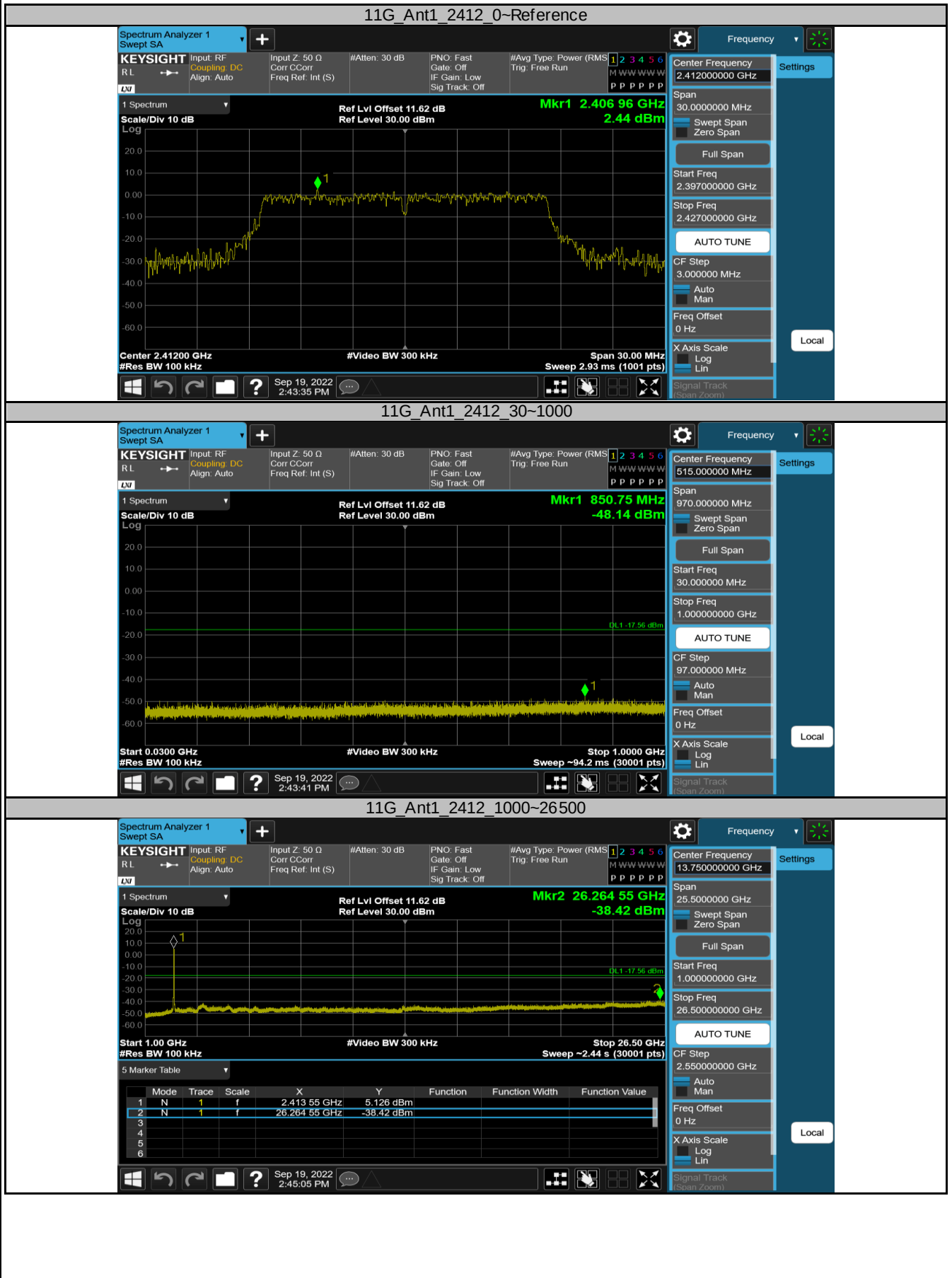
Conducted Spurious Emission

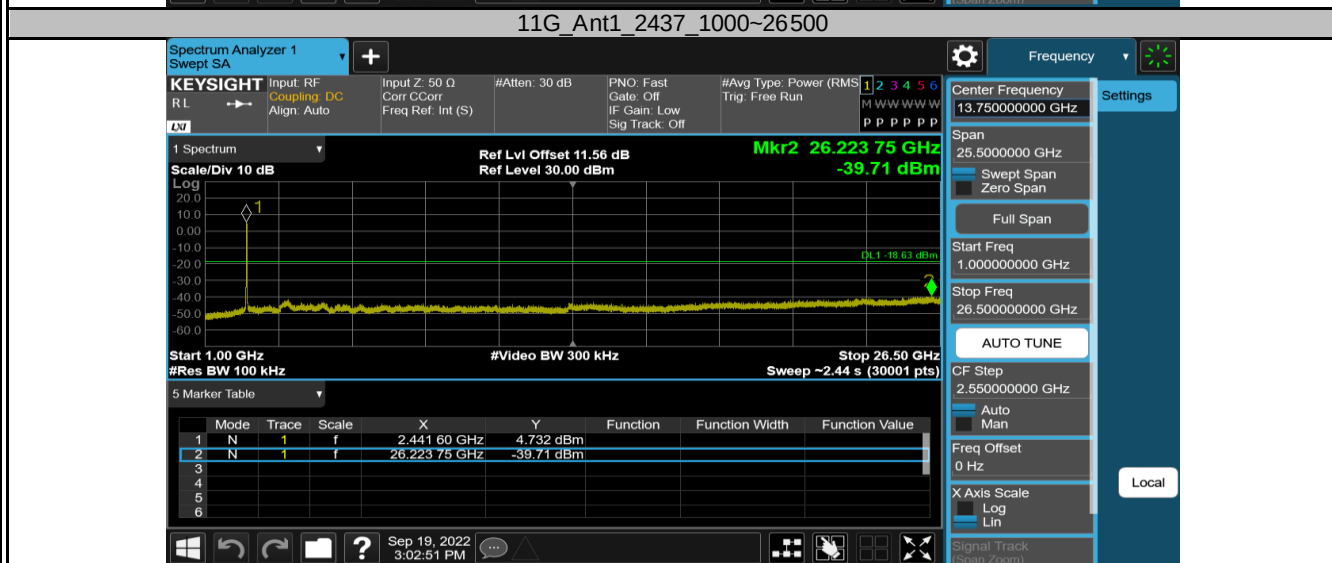
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.04	6.04	---	PASS
			30~1000	6.04	-48.44	≤-13.96	PASS
			1000~26500	6.04	-39.36	≤-13.96	PASS
		2437	Reference	6.67	6.67	---	PASS
			30~1000	6.67	-48.42	≤-13.33	PASS
			1000~26500	6.67	-39.55	≤-13.33	PASS
		2462	Reference	6.78	6.78	---	PASS
			30~1000	6.78	-49.13	≤-13.22	PASS
			1000~26500	6.78	-39.65	≤-13.22	PASS
11G	Ant1	2412	Reference	2.44	2.44	---	PASS
			30~1000	2.44	-48.14	≤-17.56	PASS
			1000~26500	2.44	-38.42	≤-17.56	PASS
		2437	Reference	1.37	1.37	---	PASS
			30~1000	1.37	-48.67	≤-18.63	PASS
			1000~26500	1.37	-39.71	≤-18.63	PASS
		2462	Reference	0.92	0.92	---	PASS
			30~1000	0.92	-48.89	≤-19.08	PASS
			1000~26500	0.92	-39.77	≤-19.08	PASS
11N20SISO	Ant1	2412	Reference	-1.78	-1.78	---	PASS
			30~1000	-1.78	-47.84	≤-21.78	PASS
			1000~26500	-1.78	-39.02	≤-21.78	PASS
		2437	Reference	1.22	1.22	---	PASS
			30~1000	1.22	-48.96	≤-18.78	PASS
			1000~26500	1.22	-39.55	≤-18.78	PASS
		2462	Reference	-0.22	-0.22	---	PASS
			30~1000	-0.22	-48.09	≤-20.22	PASS
			1000~26500	-0.22	-39.24	≤-20.22	PASS
11N40SISO	Ant1	2422	Reference	-1.48	-1.48	---	PASS
			30~1000	-1.48	-48.12	≤-21.48	PASS
			1000~26500	-1.48	-39.49	≤-21.48	PASS
		2437	Reference	-1.69	-1.69	---	PASS
			30~1000	-1.69	-48.33	≤-21.69	PASS
			1000~26500	-1.69	-38.78	≤-21.69	PASS
		2452	Reference	-0.79	-0.79	---	PASS
			30~1000	-0.79	-48.23	≤-20.79	PASS
			1000~26500	-0.79	-39.59	≤-20.79	PASS



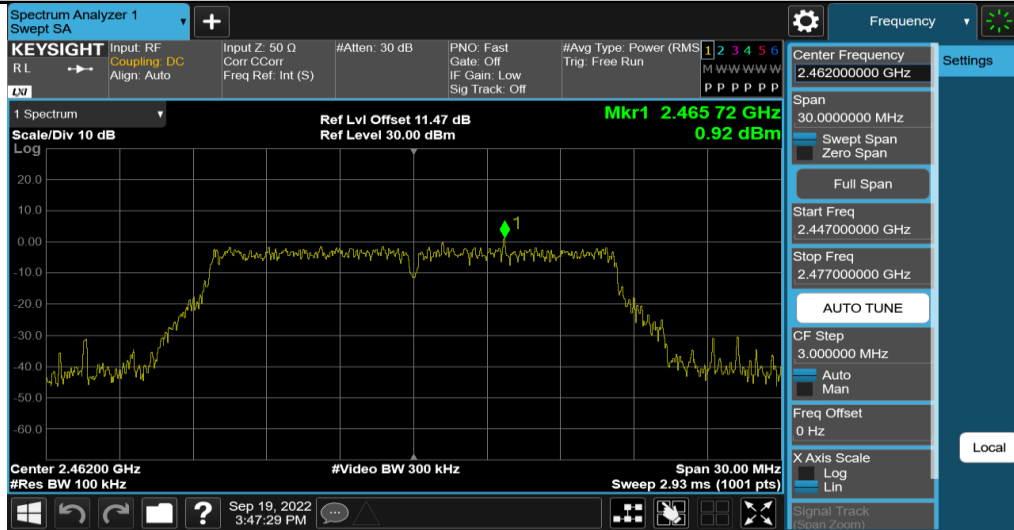




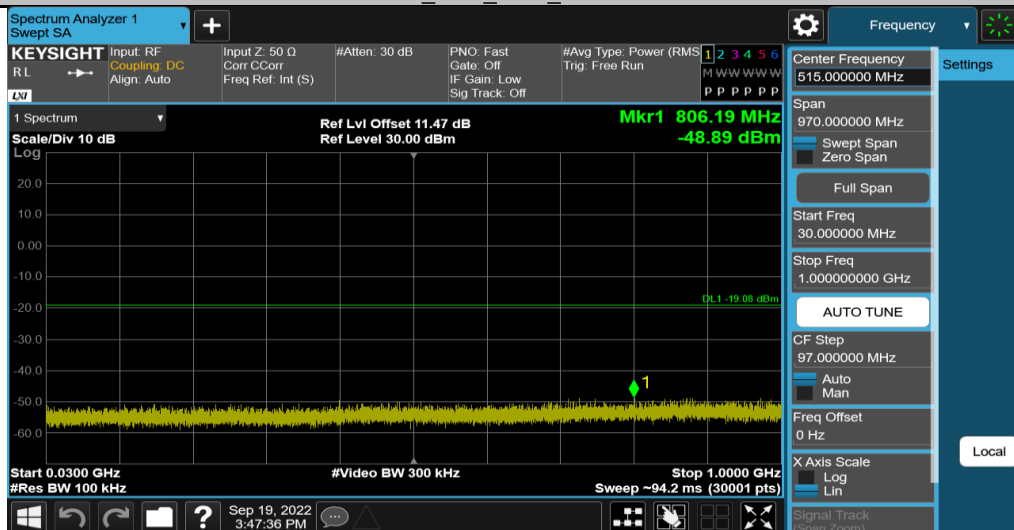




11G_Ant1_2462_0-Reference



11G_Ant1_2462_30-1000



11G_Ant1_2462_1000-26500

