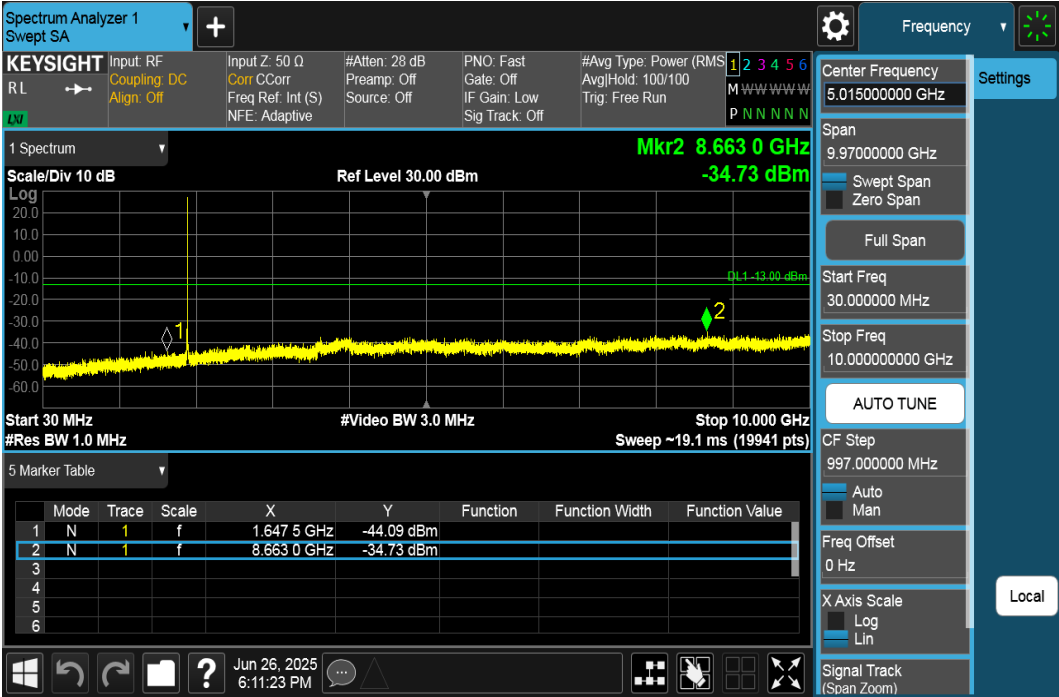
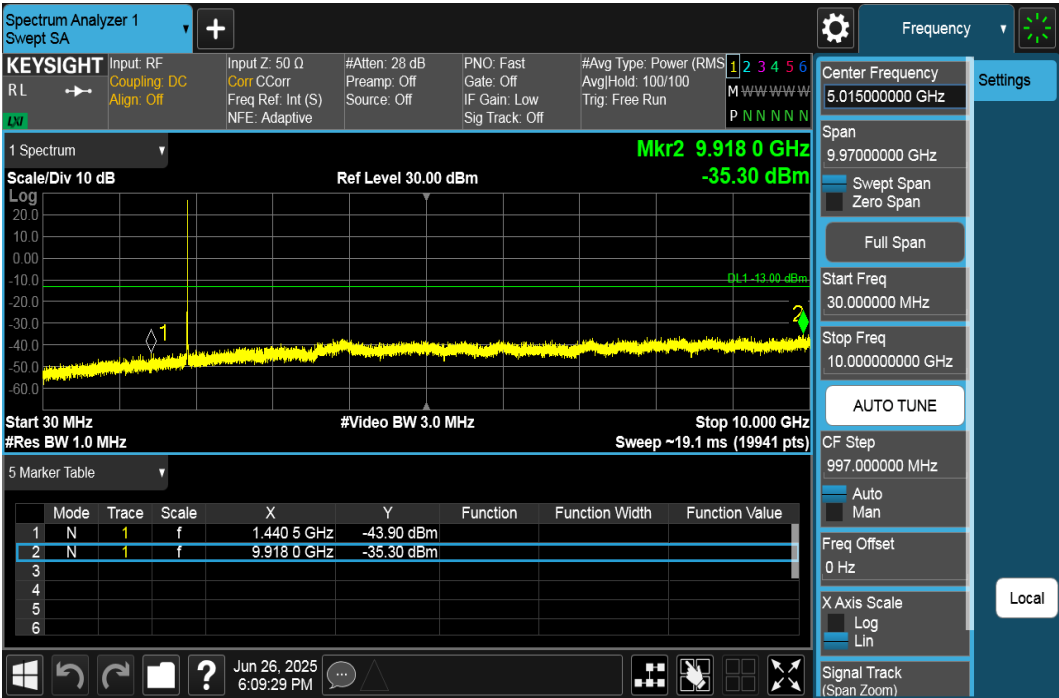


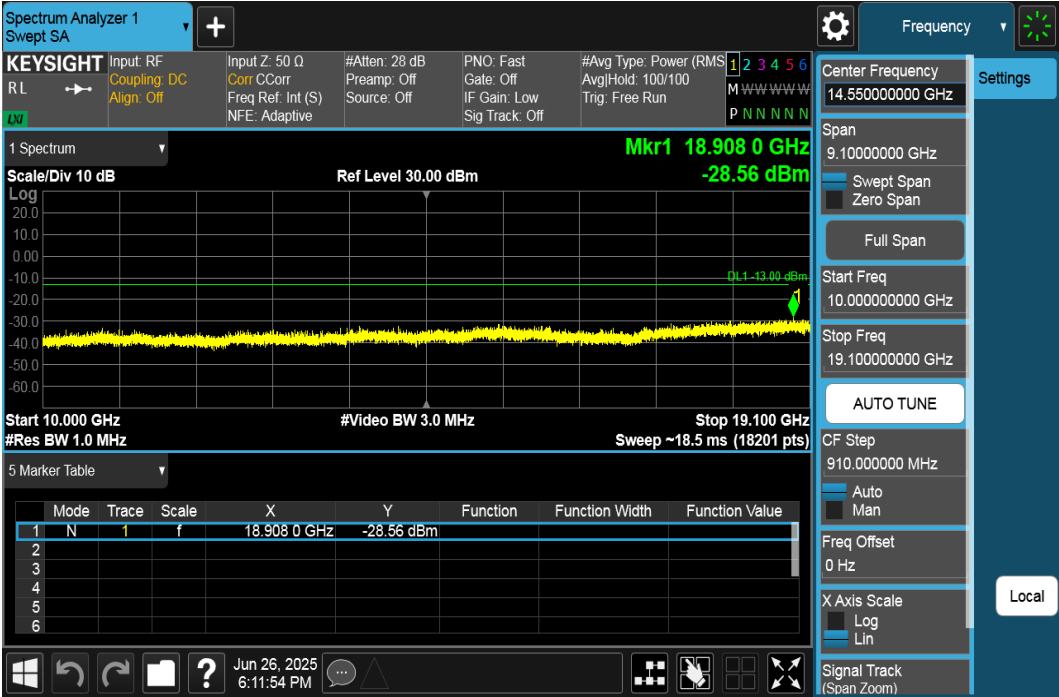
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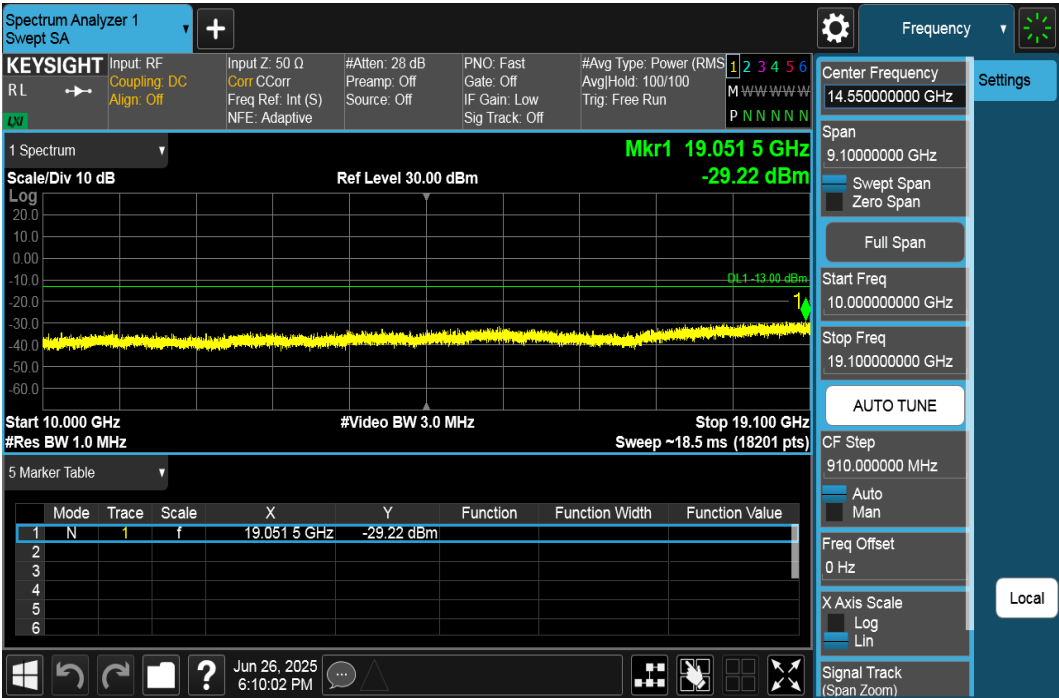
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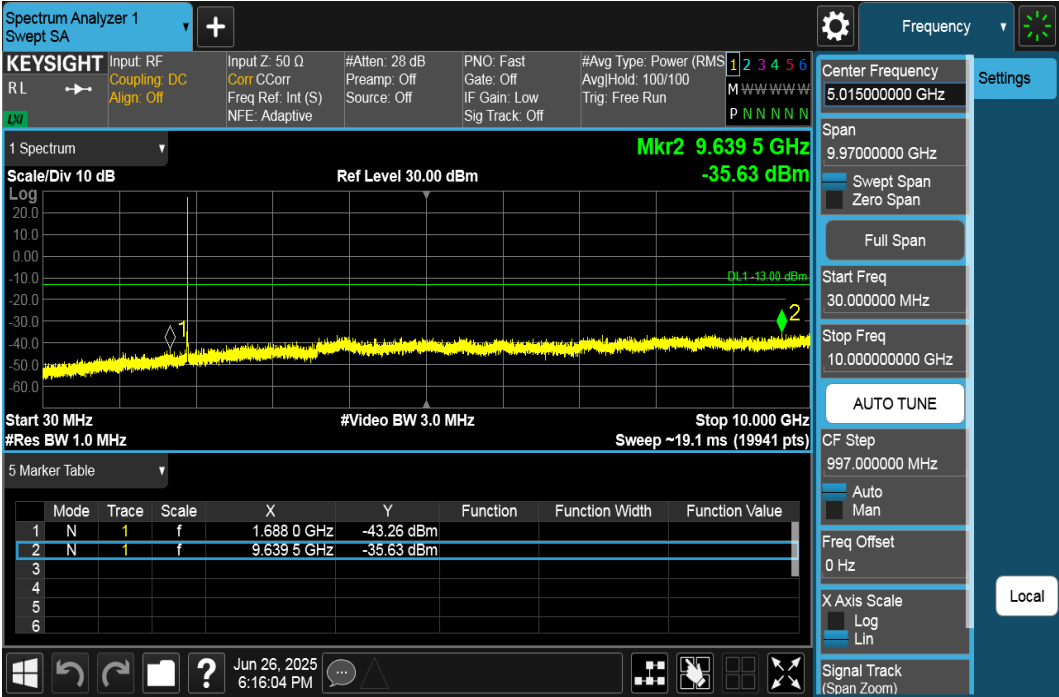
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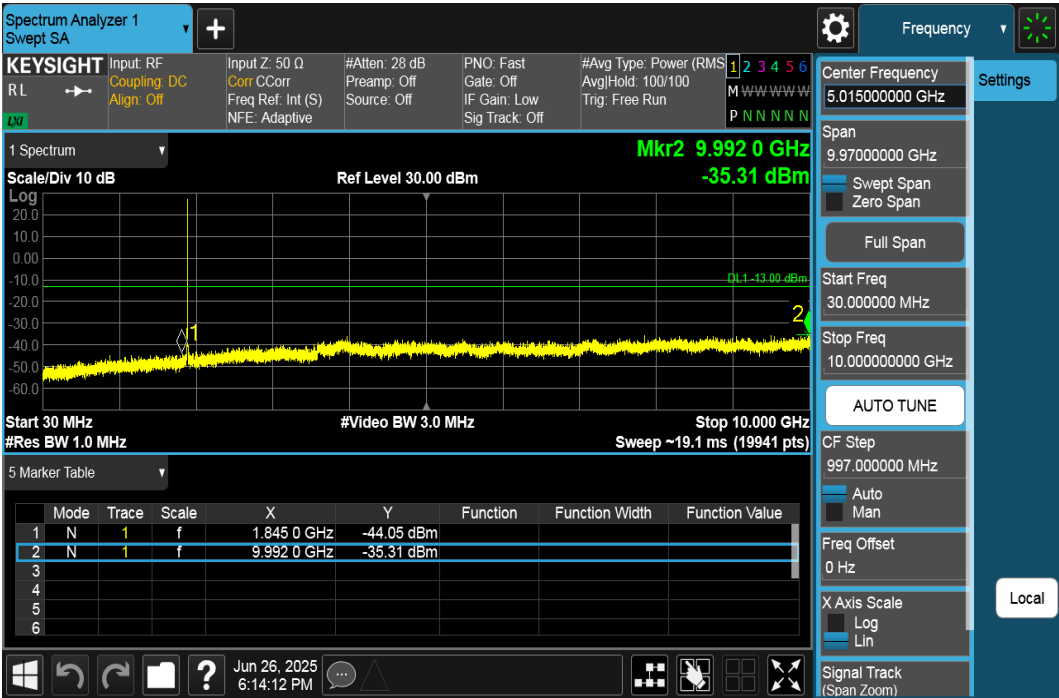
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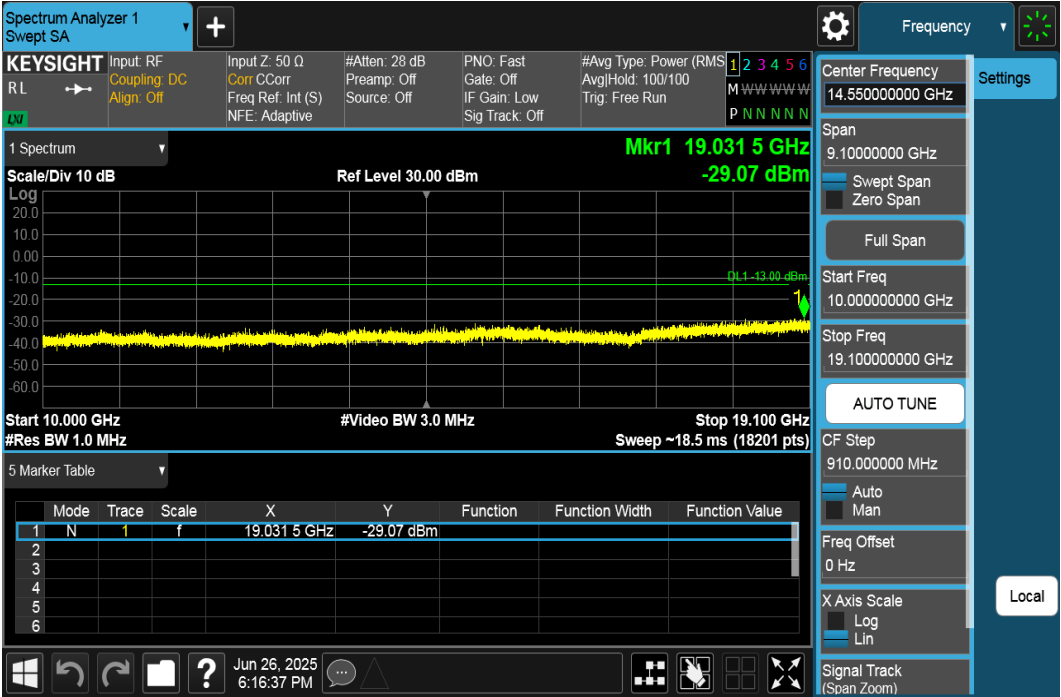
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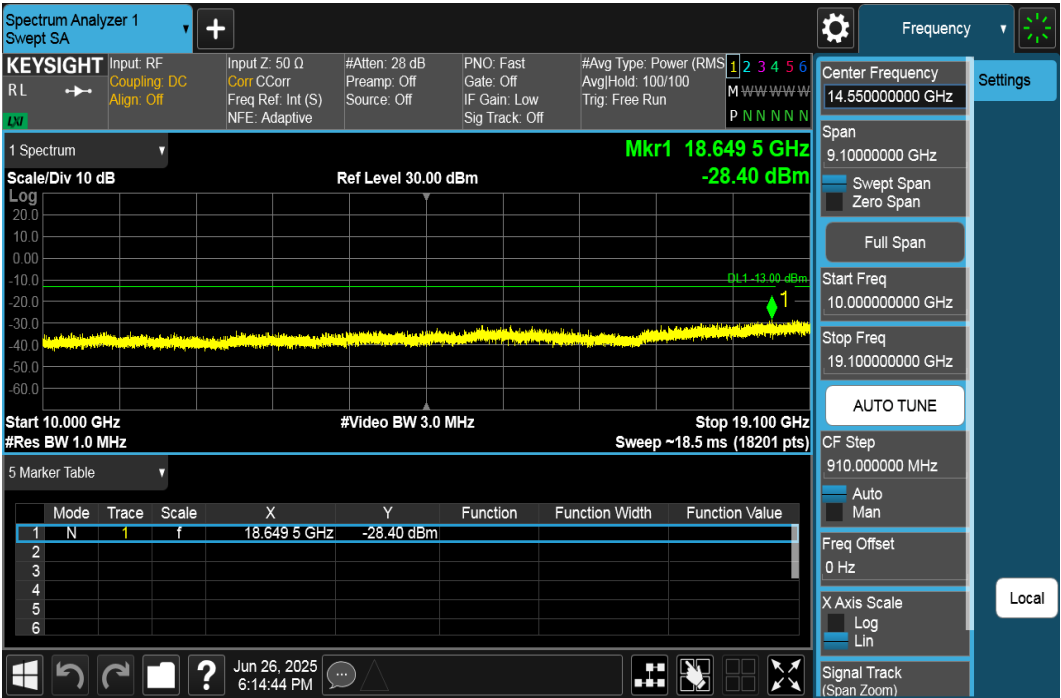
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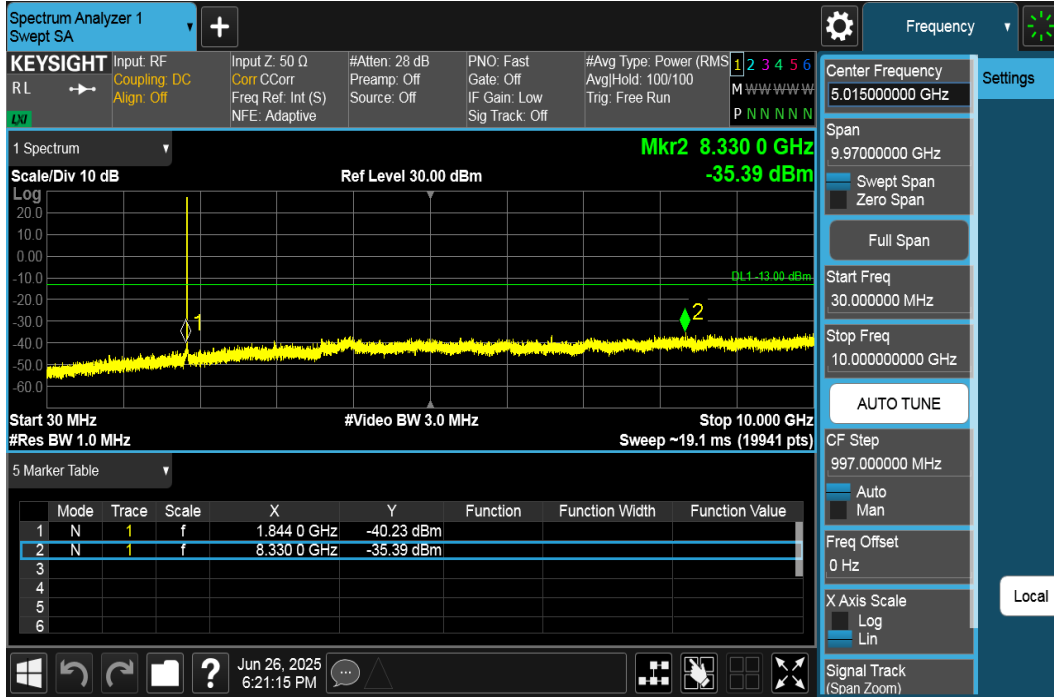
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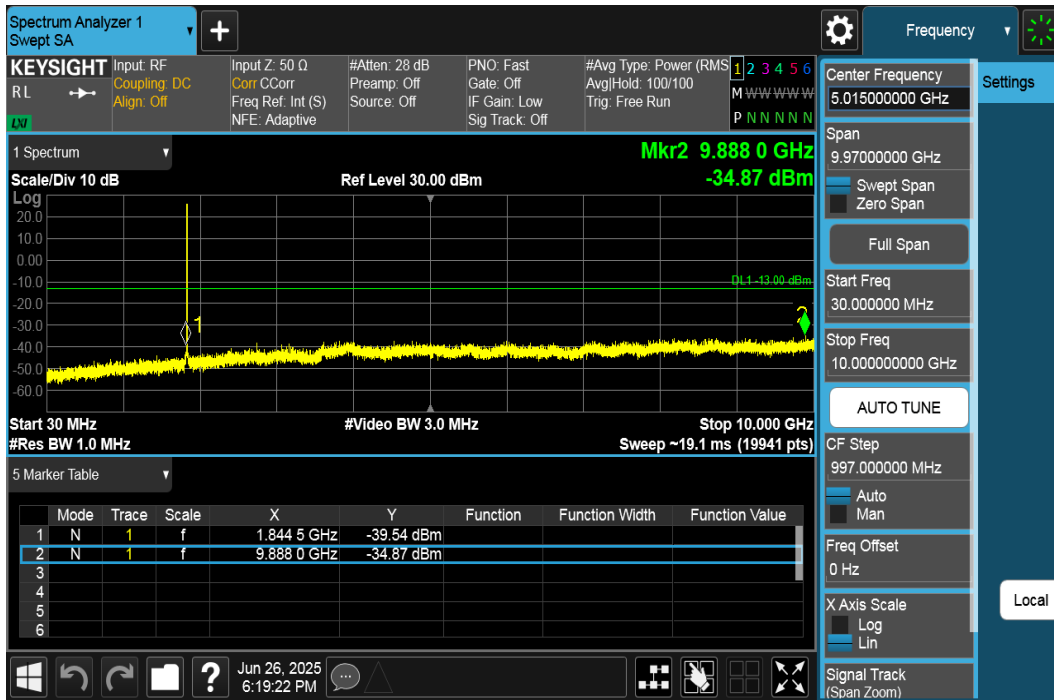
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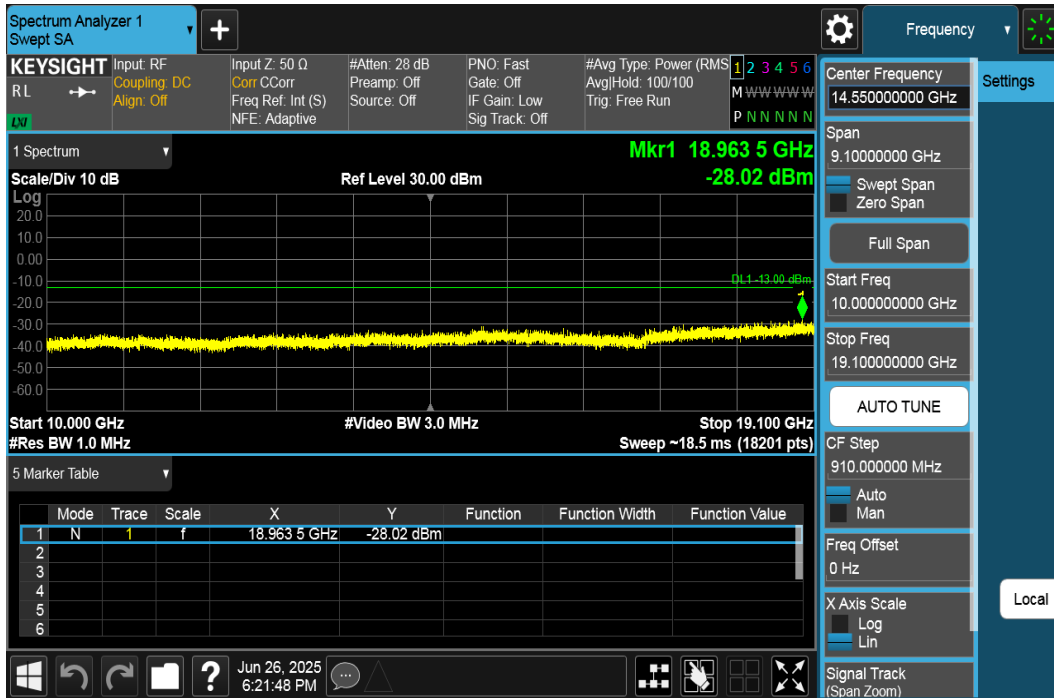
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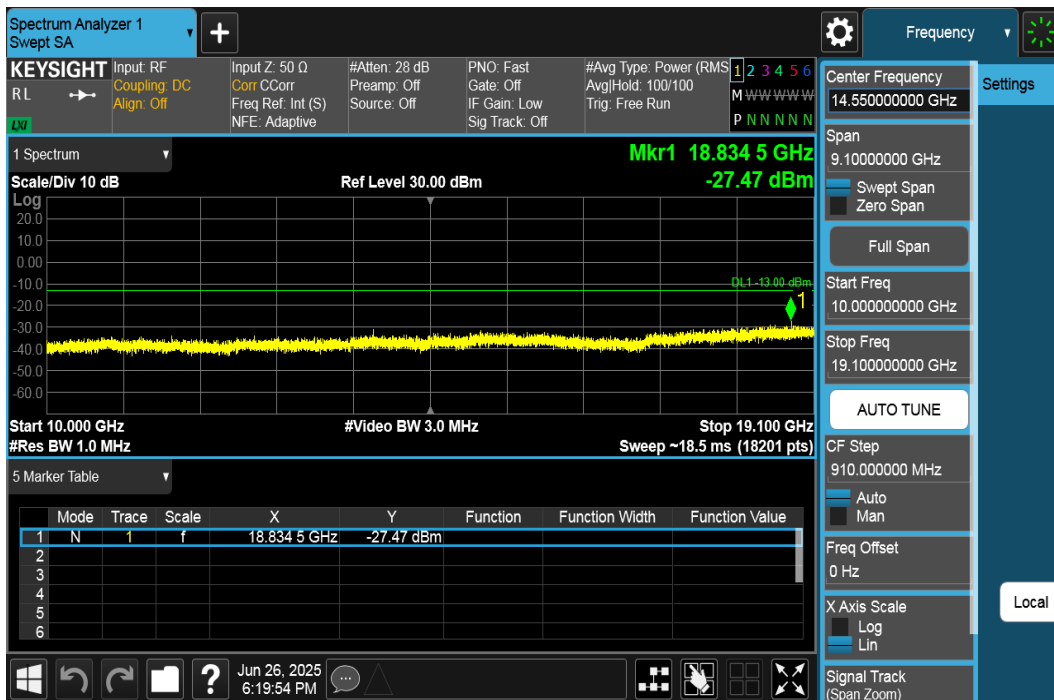
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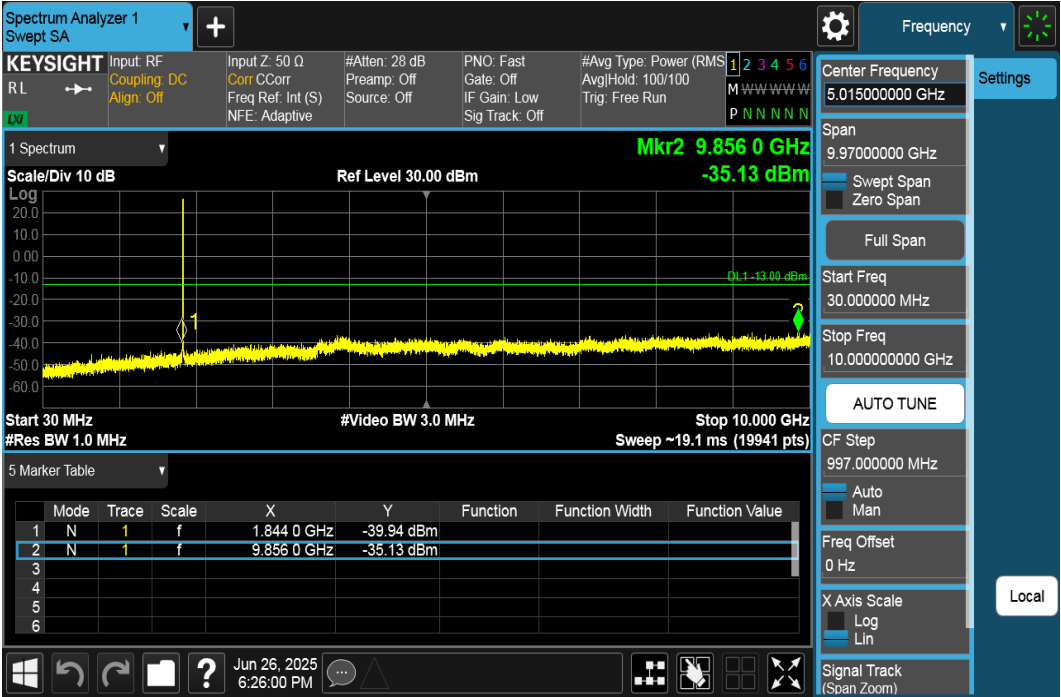
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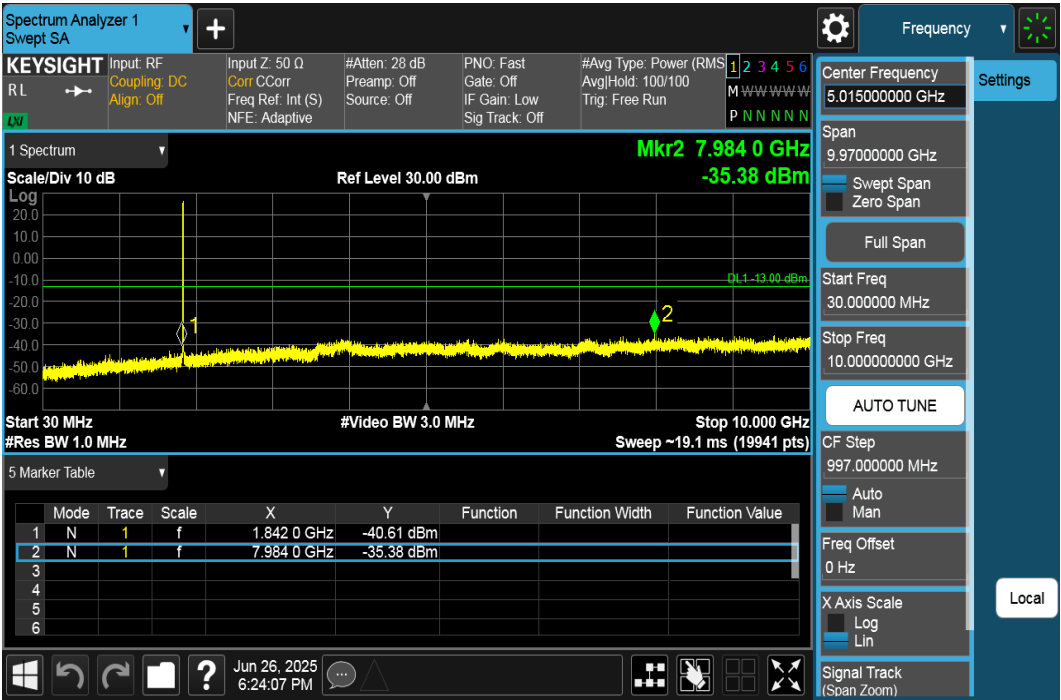
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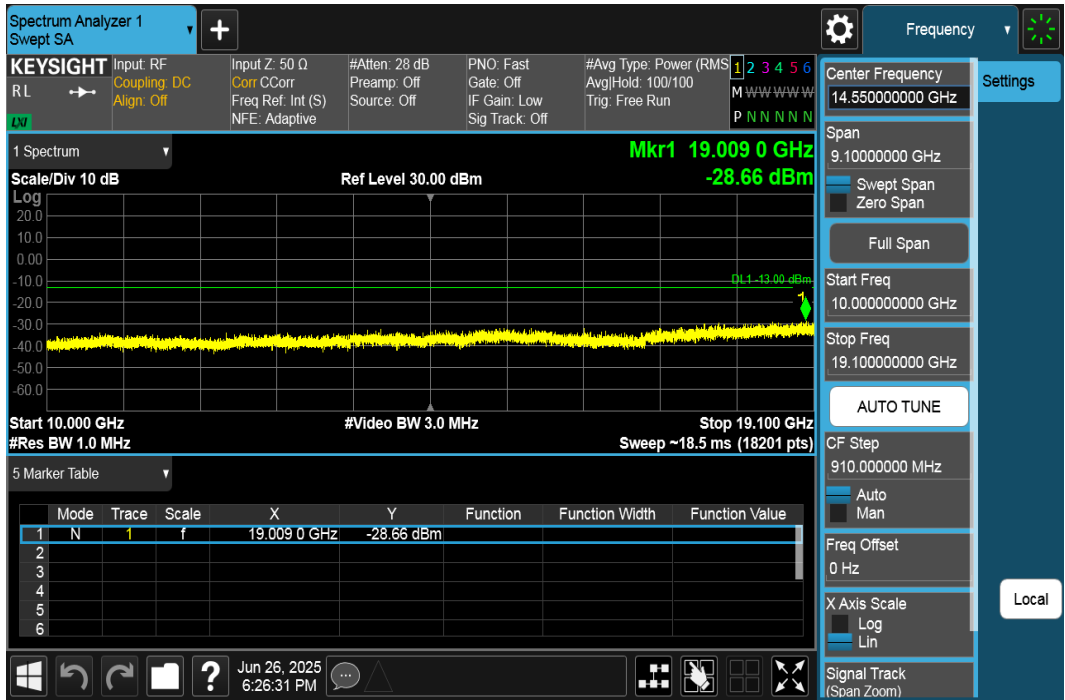
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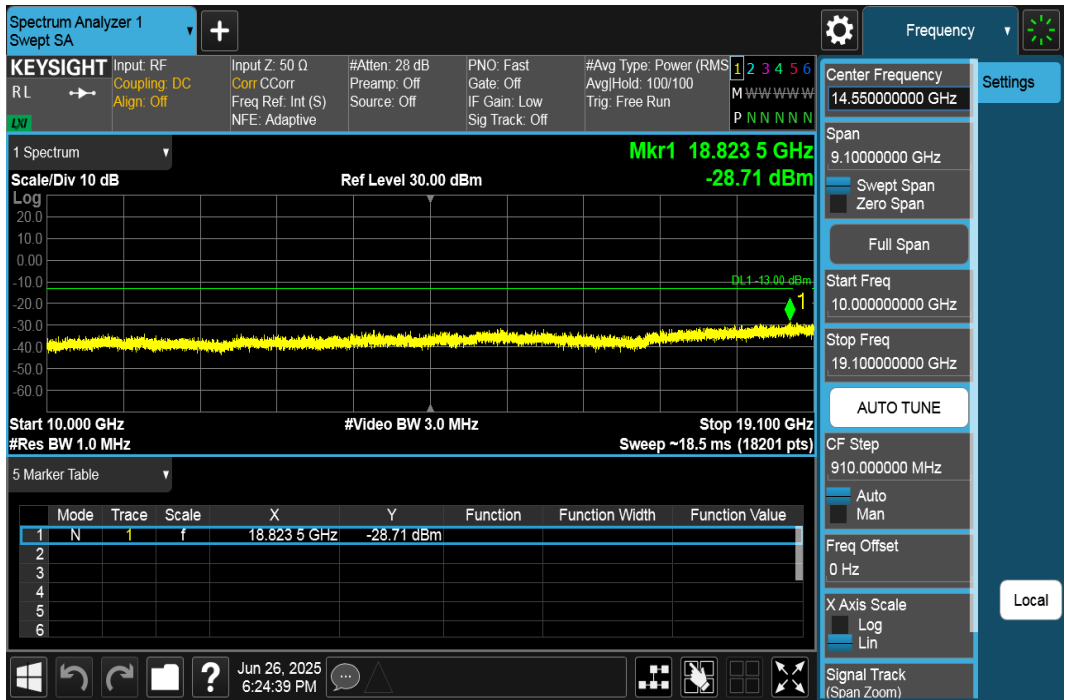
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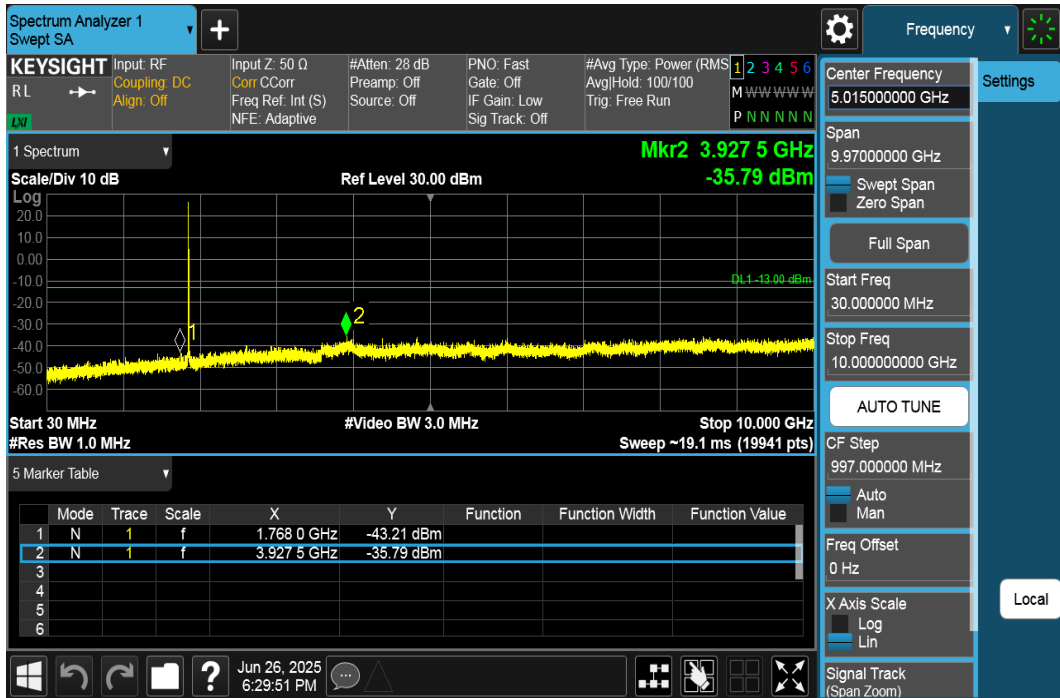
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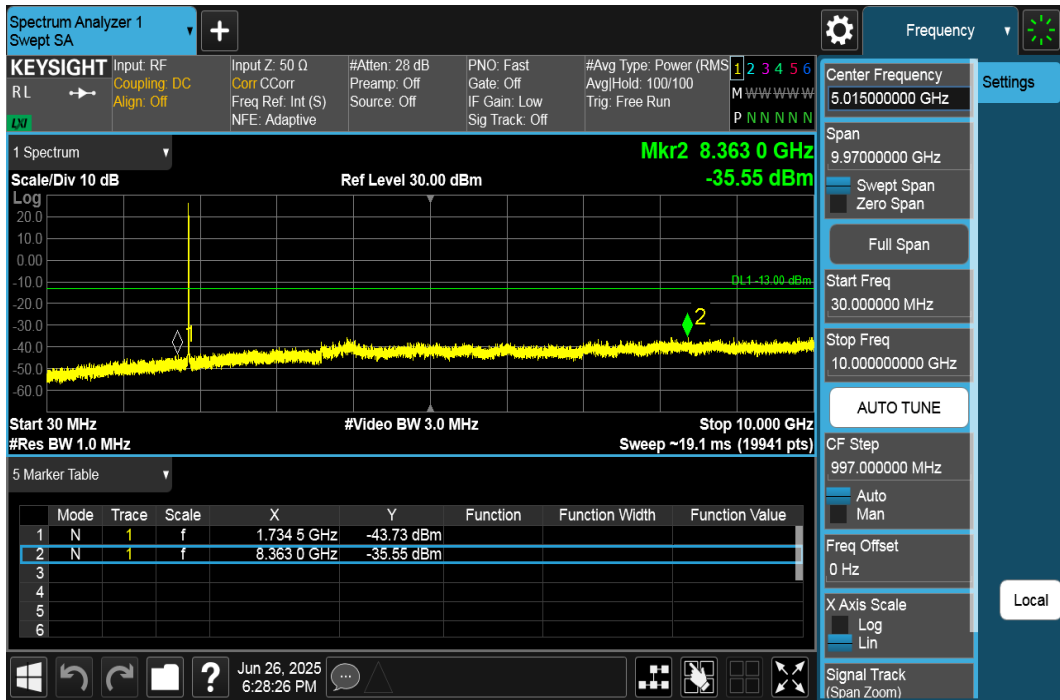
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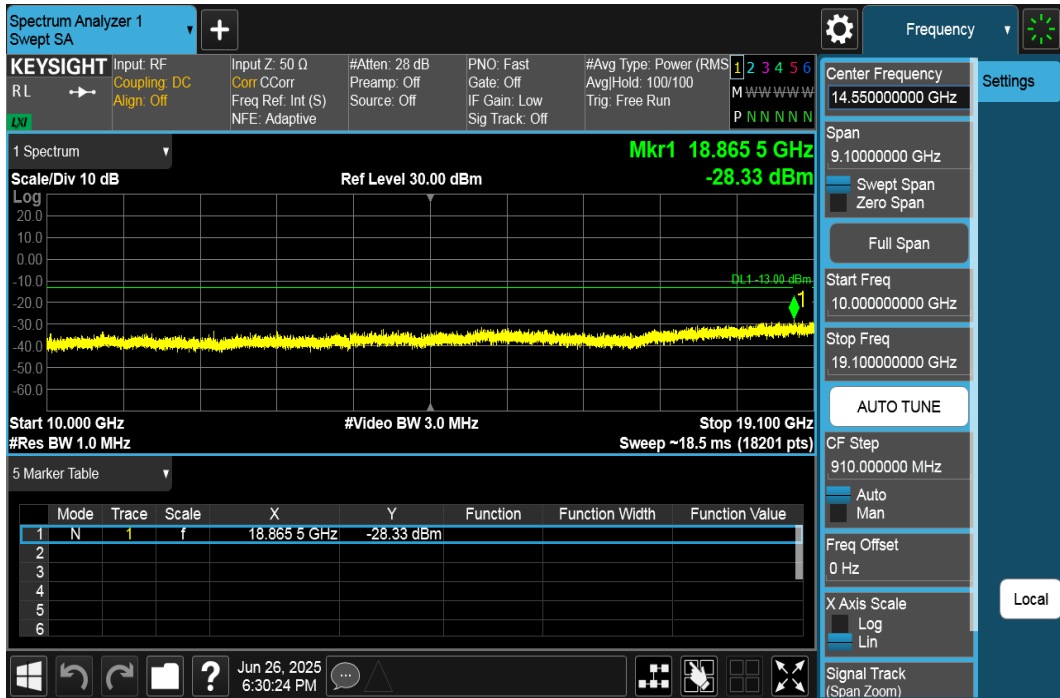
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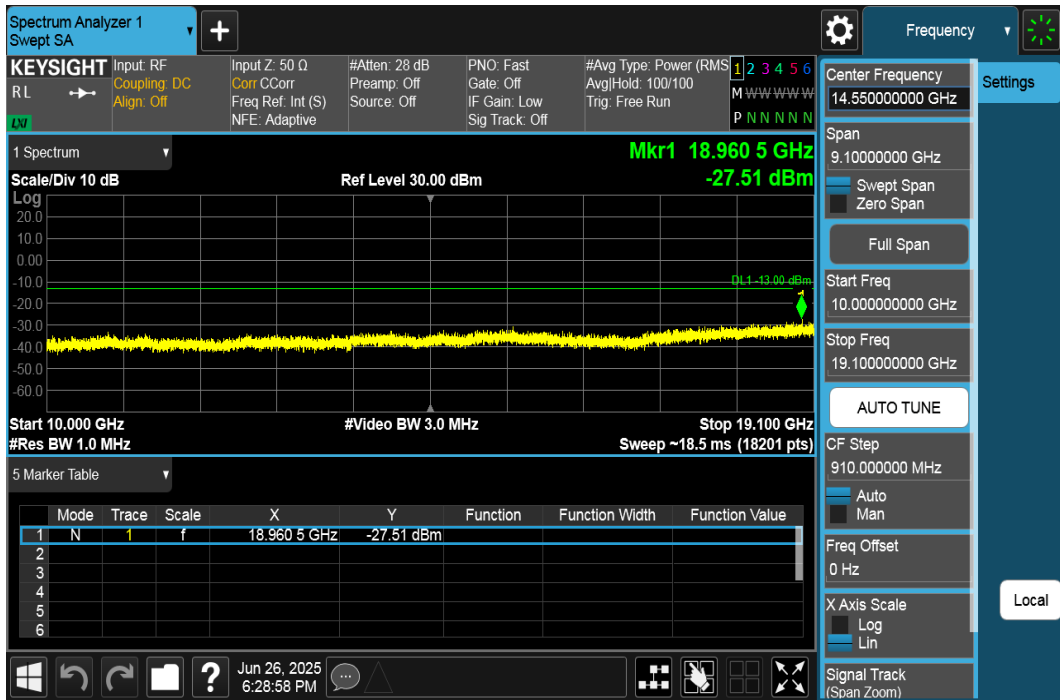
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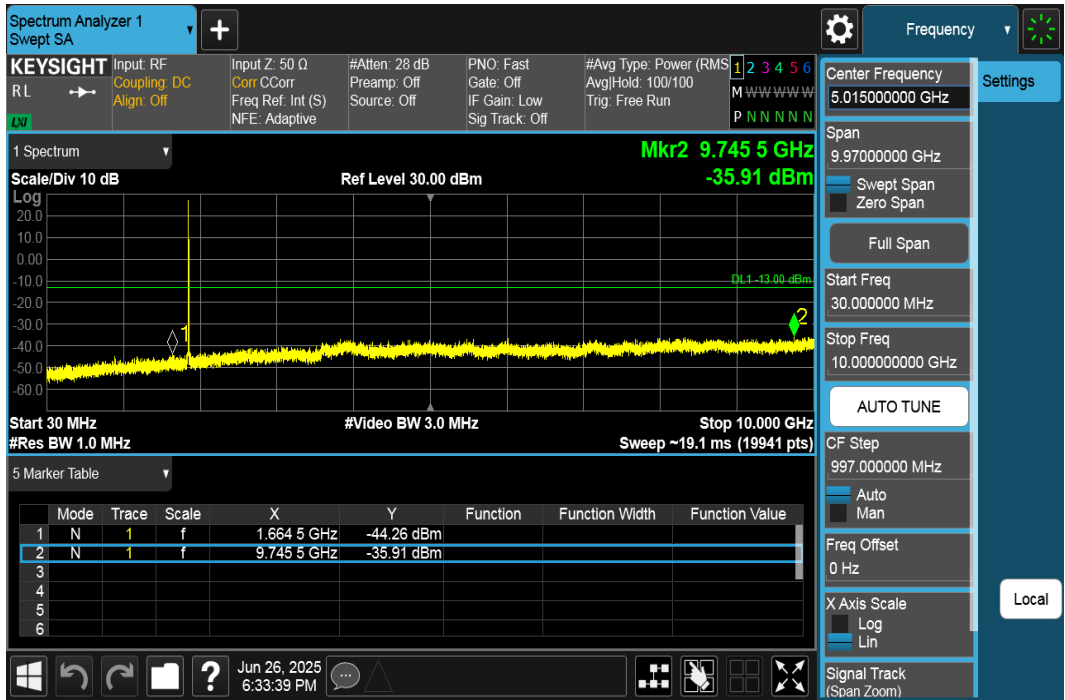
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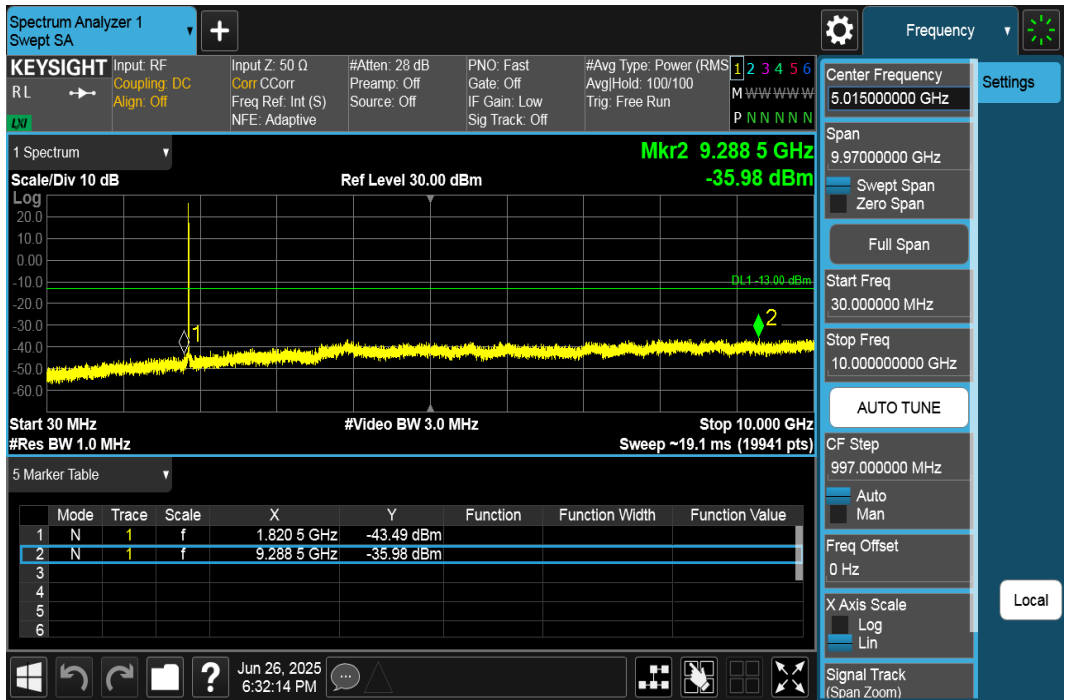
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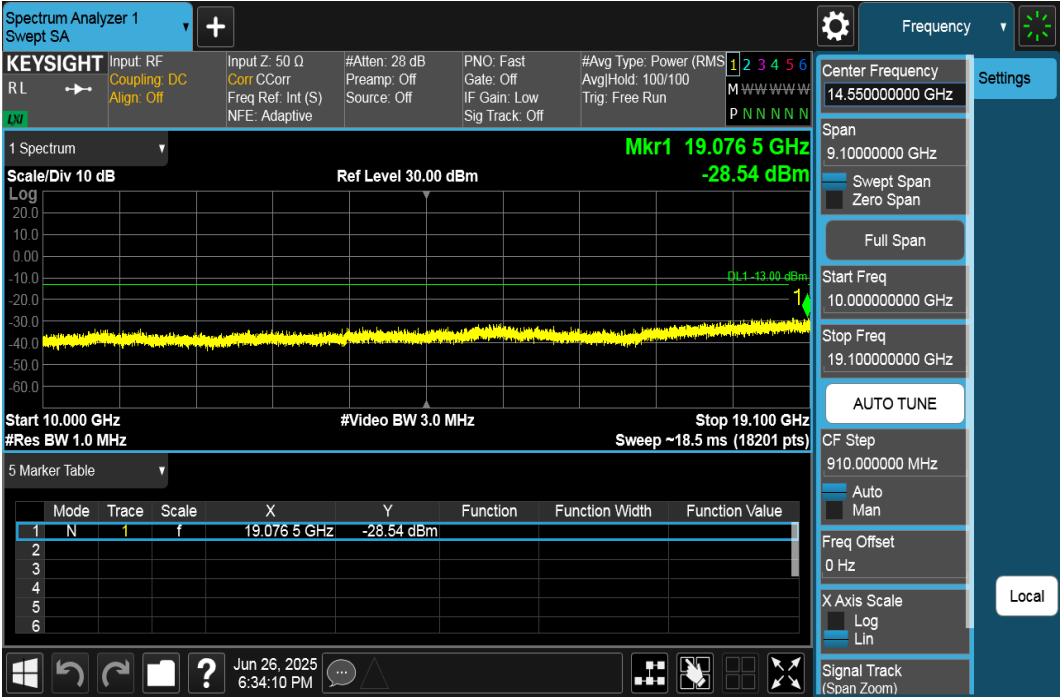
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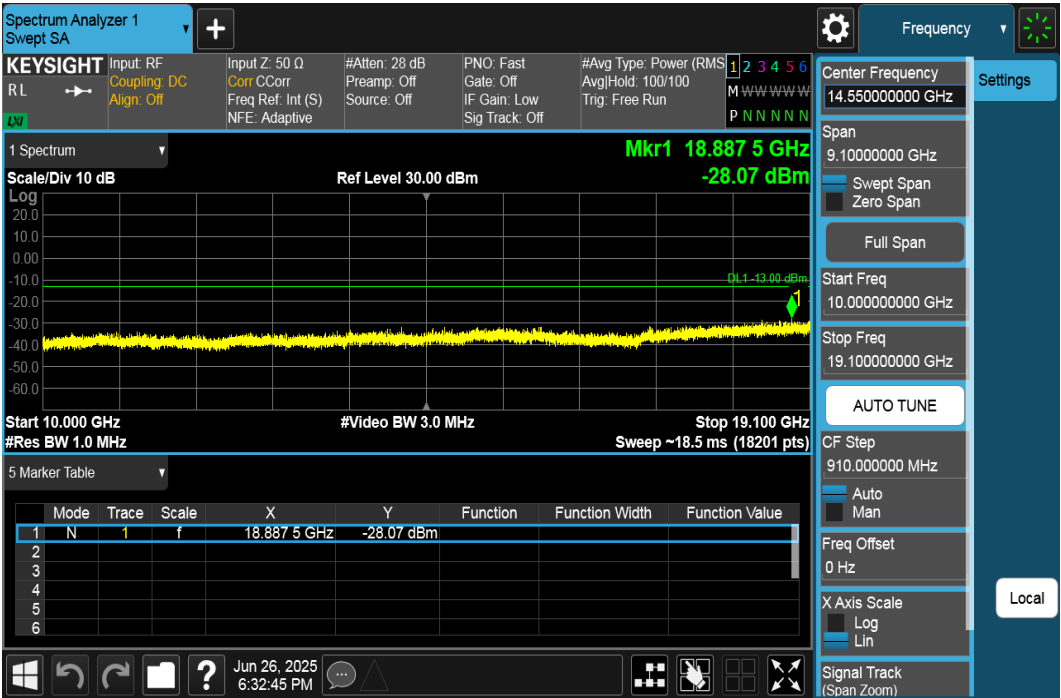
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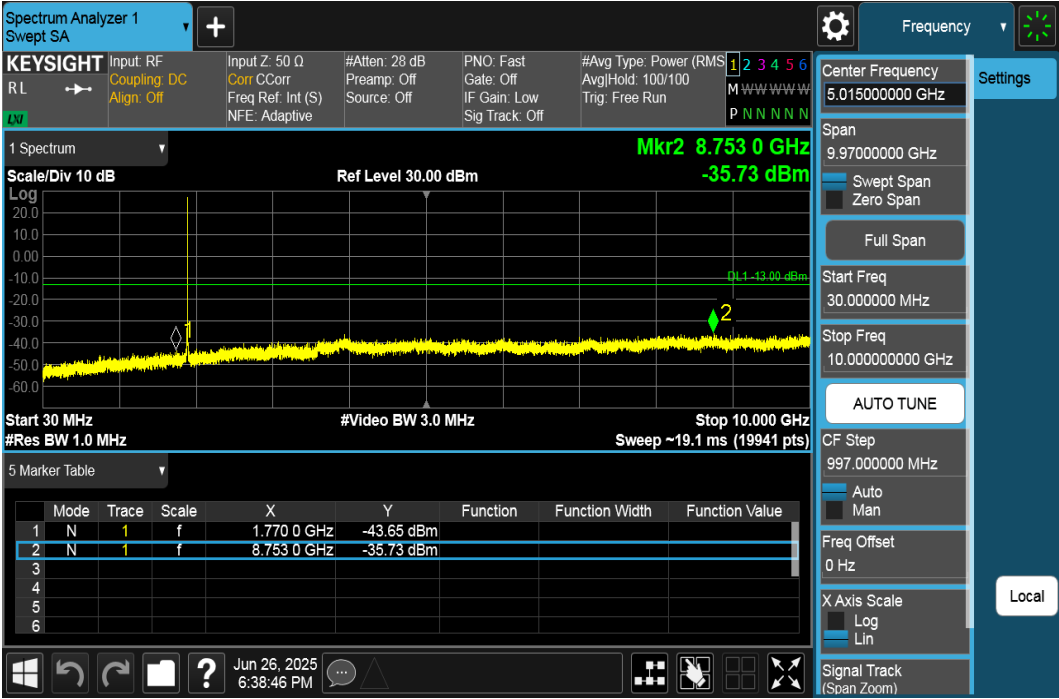
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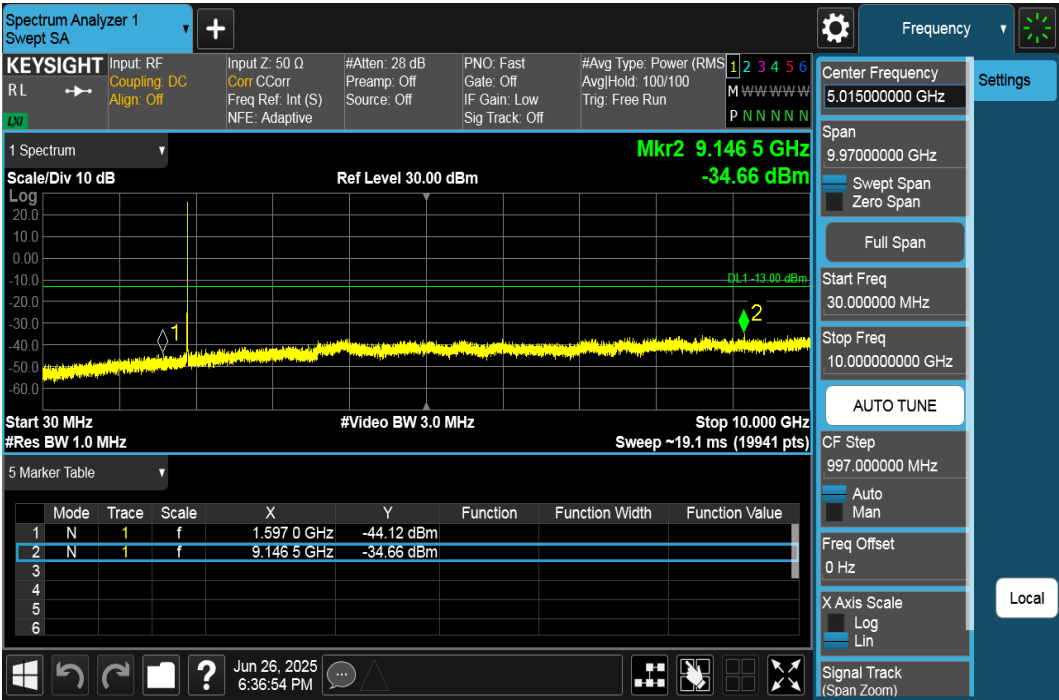
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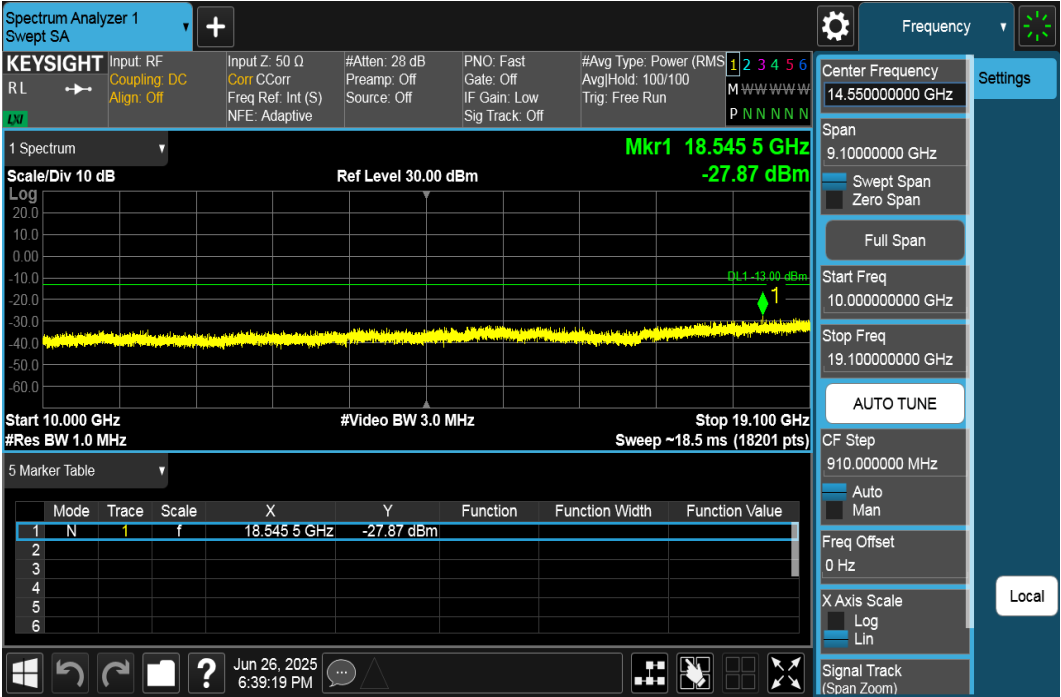
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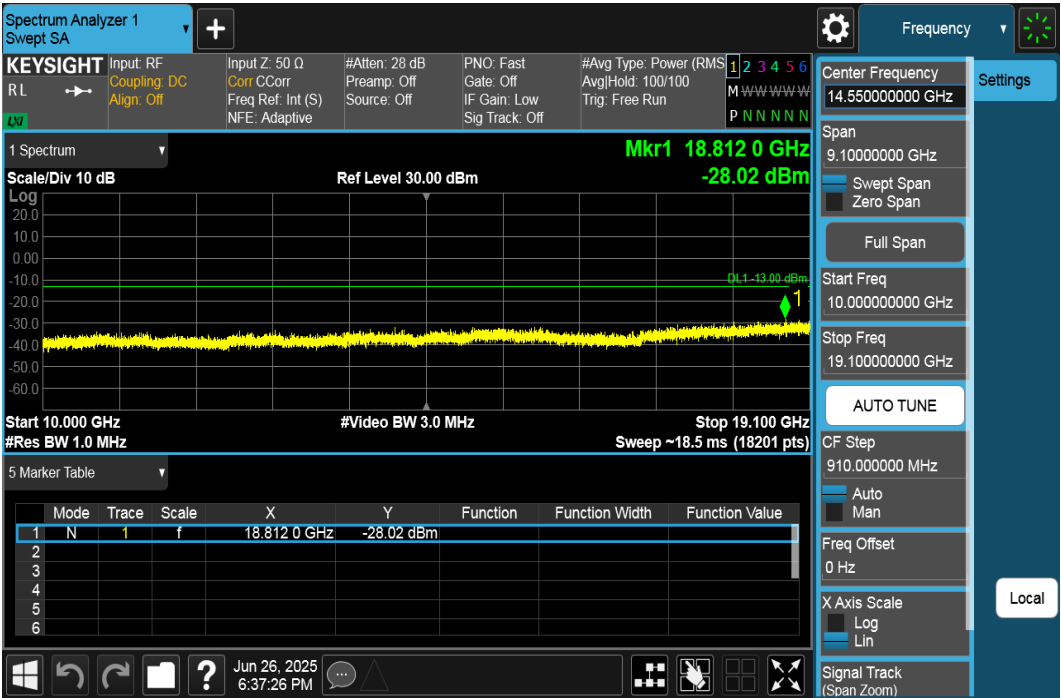
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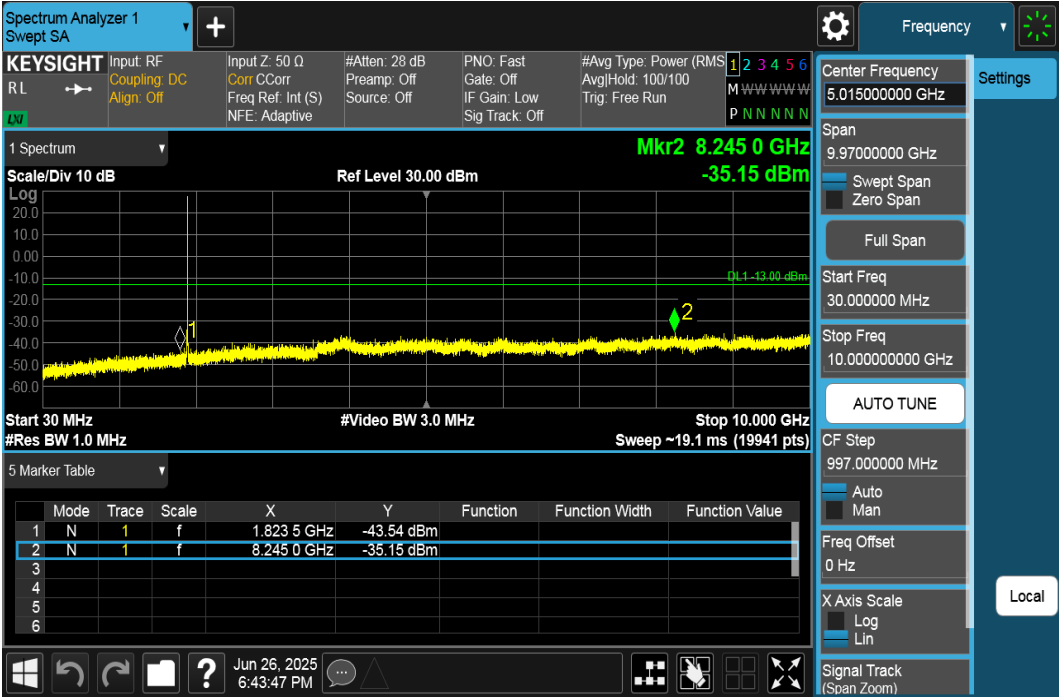
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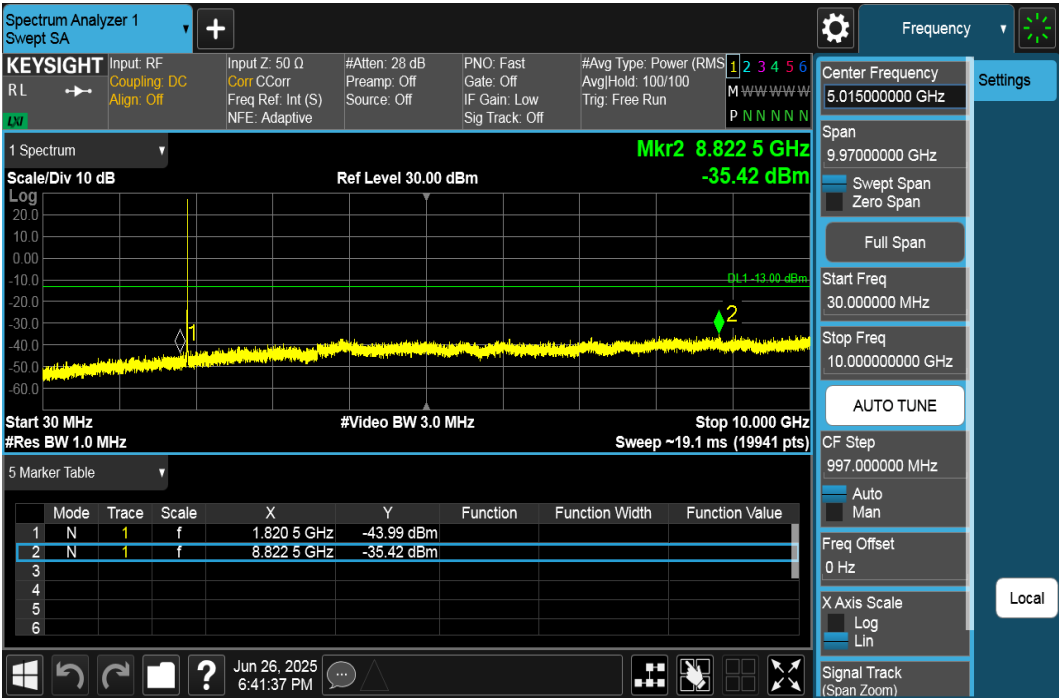
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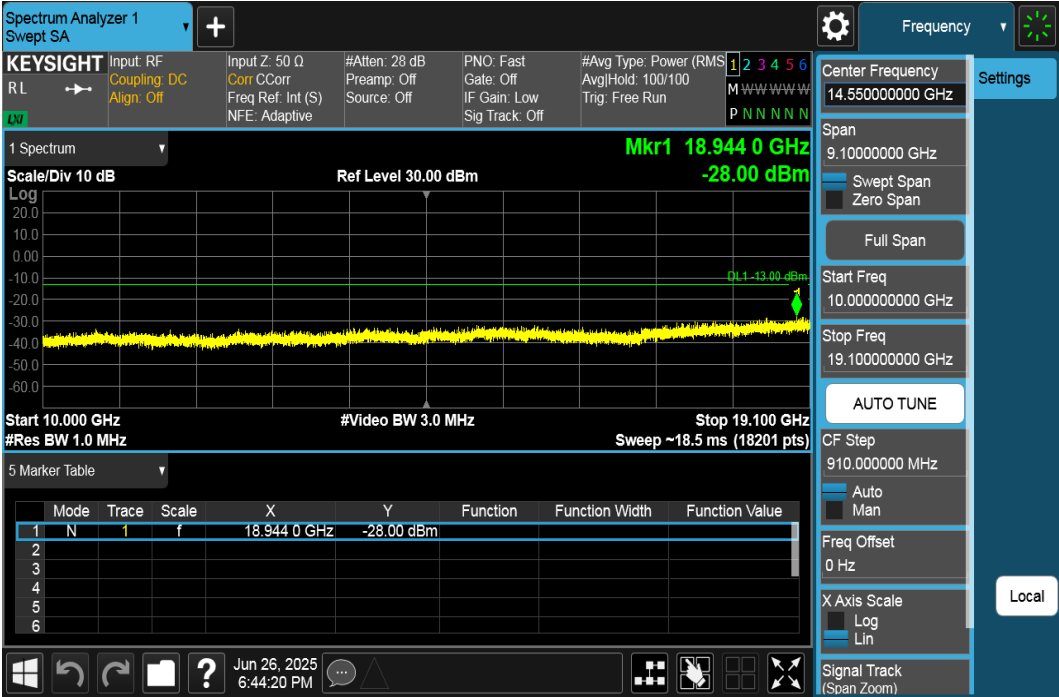
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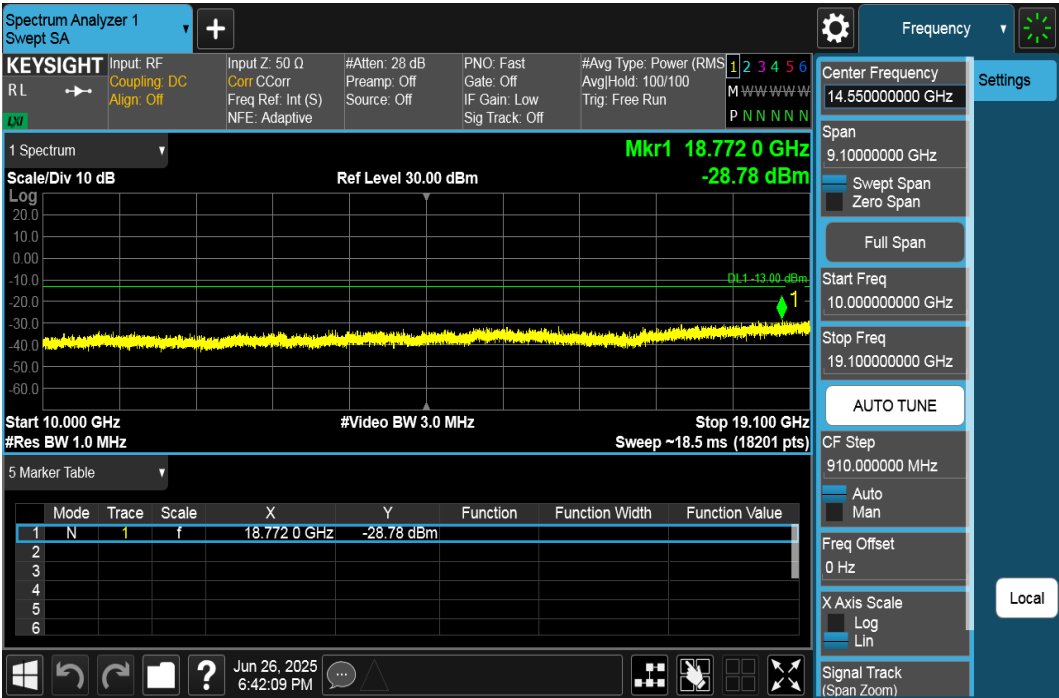
20M_1900MHz_CHH_16QAM_5RB_CSE1



20M_1900MHz_CHH_16QAM_1RB_CSE2



20M_1900MHz_CHH_16QAM_5RB_CSE2



Appendix F: Frequency stability

Frequency Error VS. Voltage

Test Band	Test mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
CatM1 band2	QPSK/ 20MHz	LCH	TN	VL	-0.09	-0.00005	PASS
				VN	2.45	0.00132	PASS
				VH	1.74	0.00094	PASS
		MCH	TN	VL	2.84	0.00152	PASS
				VN	1.63	0.00087	PASS
				VH	2.28	0.00122	PASS
		HCH	TN	VL	2.08	0.00109	PASS
				VN	2.47	0.00129	PASS
				VH	2.53	0.00133	PASS
	16QAM/ 20MHz	LCH	TN	VL	-0.19	-0.00010	PASS
				VN	1.1	0.00059	PASS
				VH	0.97	0.00052	PASS
		MCH	TN	VL	1.99	0.00106	PASS
				VN	1.23	0.00066	PASS
				VH	2.27	0.00121	PASS
		HCH	TN	VL	1.02	0.00053	PASS
				VN	2.05	0.00107	PASS
				VH	2.33	0.00122	PASS

Frequency Error VS. Temperature

Test Band	Test mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
CatM1 band2	QPSK/ 20MHz	LCH	VN	-30	1.17	0.00063	PASS
				-20	1.18	0.00064	PASS
				-10	-0.67	-0.00036	PASS
				0	-2.1	-0.00113	PASS
				10	0.52	0.00028	PASS
				20	0.58	0.00031	PASS
				30	0.7	0.00038	PASS
				40	0.43	0.00023	PASS
				50	0.72	0.00039	PASS
		MCH	VN	-30	1.13	0.00060	PASS
				-20	1.12	0.00060	PASS
				-10	-0.66	-0.00035	PASS
				0	0.93	0.00050	PASS
				10	-0.2	-0.00011	PASS
				20	3.68	0.00197	PASS
				30	3.4	0.00182	PASS
				40	1.18	0.00063	PASS
				50	1.9	0.00102	PASS
		HCH	VN	-30	0.77	0.00040	PASS
				-20	0.65	0.00034	PASS
				-10	0.48	0.00025	PASS
				0	-0.65	-0.00034	PASS
				10	-0.5	-0.00026	PASS
				20	0.56	0.00029	PASS
				30	0.8	0.00042	PASS
				40	-0.26	-0.00014	PASS
				50	-2.28	-0.00119	PASS

Test Band	Test mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
CatM1 band2	16QAM/ 20MHz	LCH	VN	-30	1.13	0.00061	PASS
				-20	1.14	0.00062	PASS
				-10	-0.71	-0.00038	PASS
				0	-1.24	-0.00067	PASS
				10	0.99	0.00053	PASS
				20	0.58	0.00031	PASS
				30	1.71	0.00092	PASS
				40	1.5	0.00081	PASS
				50	1.54	0.00083	PASS
		MCH	VN	-30	-0.89	-0.00048	PASS
				-20	-0.9	-0.00048	PASS
				-10	-0.19	-0.00010	PASS
				0	-1.09	-0.00058	PASS
				10	-0.73	-0.00039	PASS
				20	1.66	0.00089	PASS
				30	1.67	0.00089	PASS
				40	-0.84	-0.00045	PASS
				50	-0.12	-0.00006	PASS
		HCH	VN	-30	1.36	0.00071	PASS
				-20	1.43	0.00075	PASS
				-10	0.11	0.00006	PASS
				0	-0.82	-0.00043	PASS
				10	-0.87	-0.00046	PASS
				20	1.64	0.00086	PASS
				30	1.09	0.00057	PASS
				40	-0.63	-0.00033	PASS
				50	-1.18	-0.00062	PASS

- End of the Appendix -