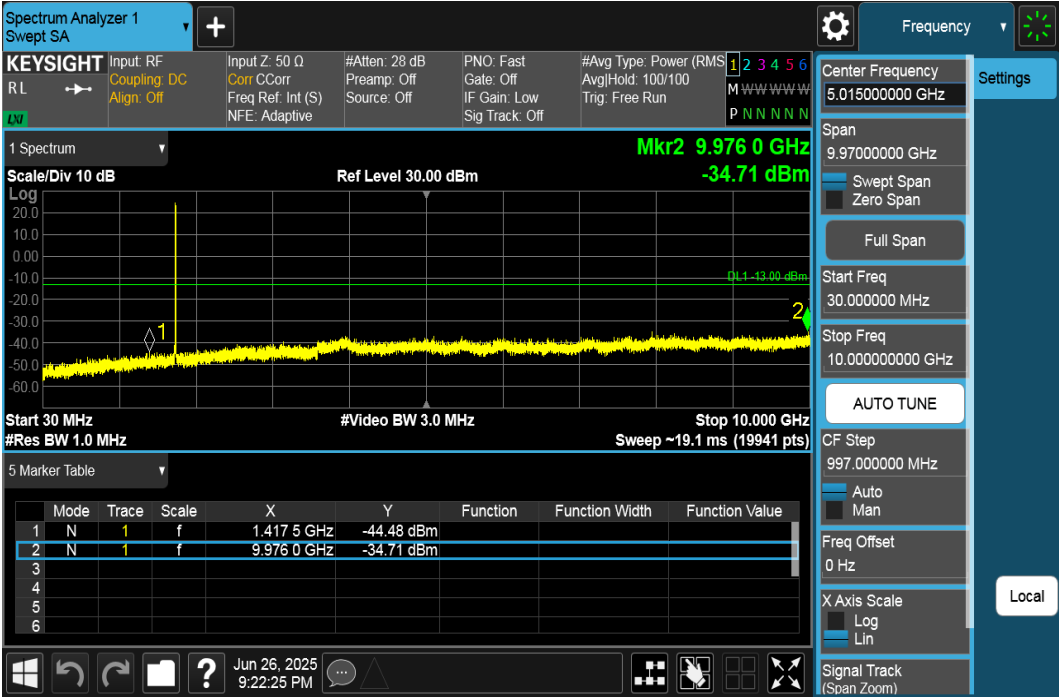
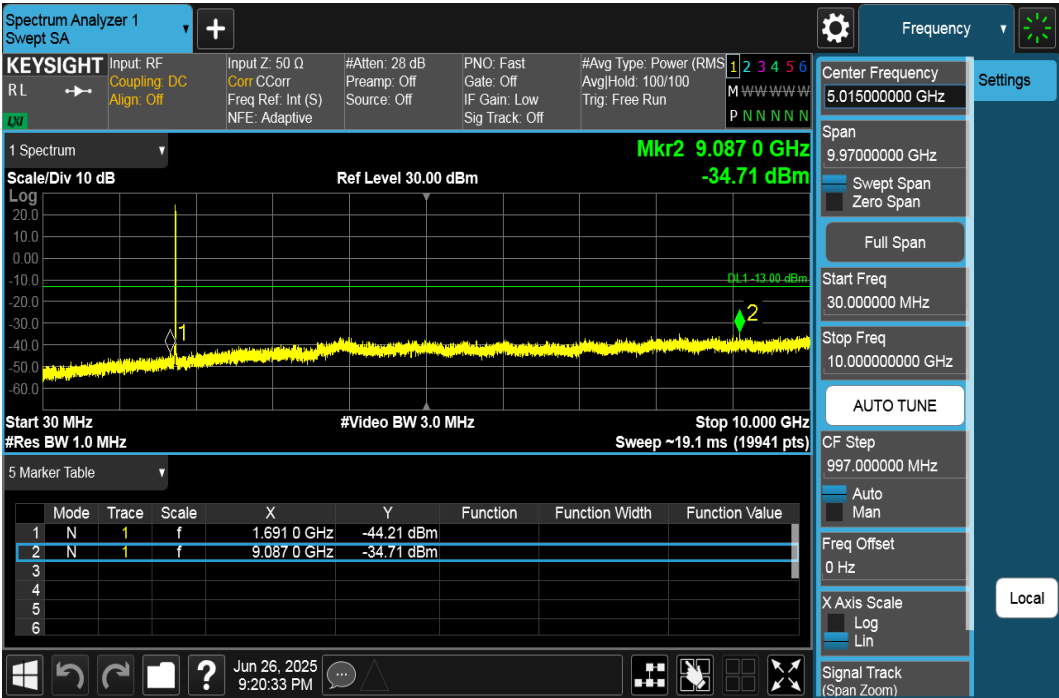


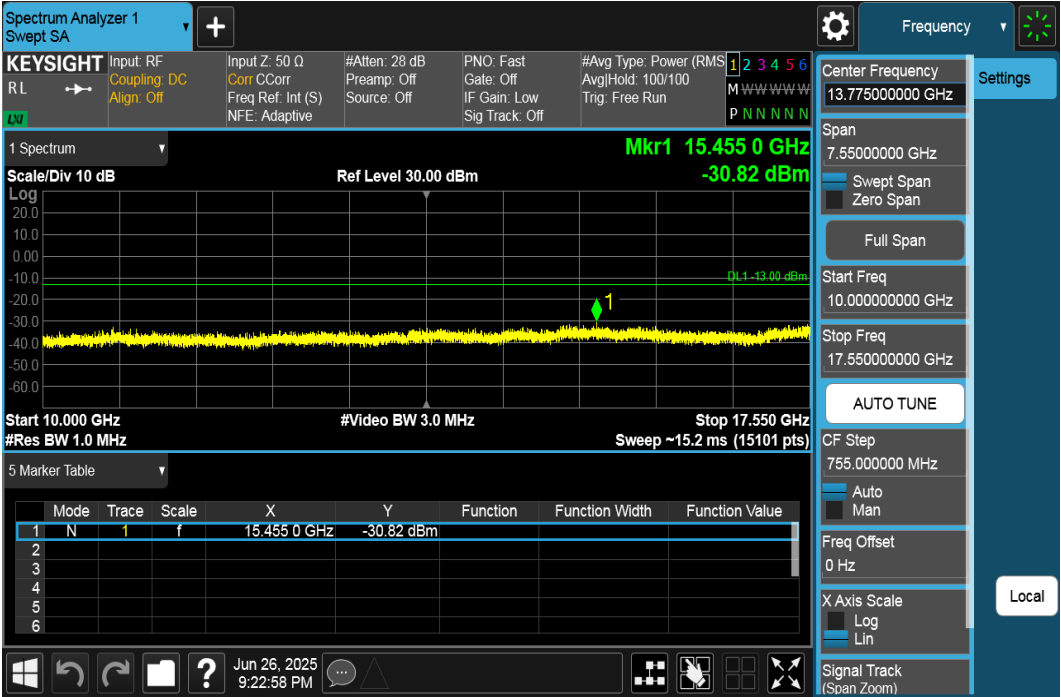
15M_1747.5MHz_CHH_QPSK_1RB_CSE1



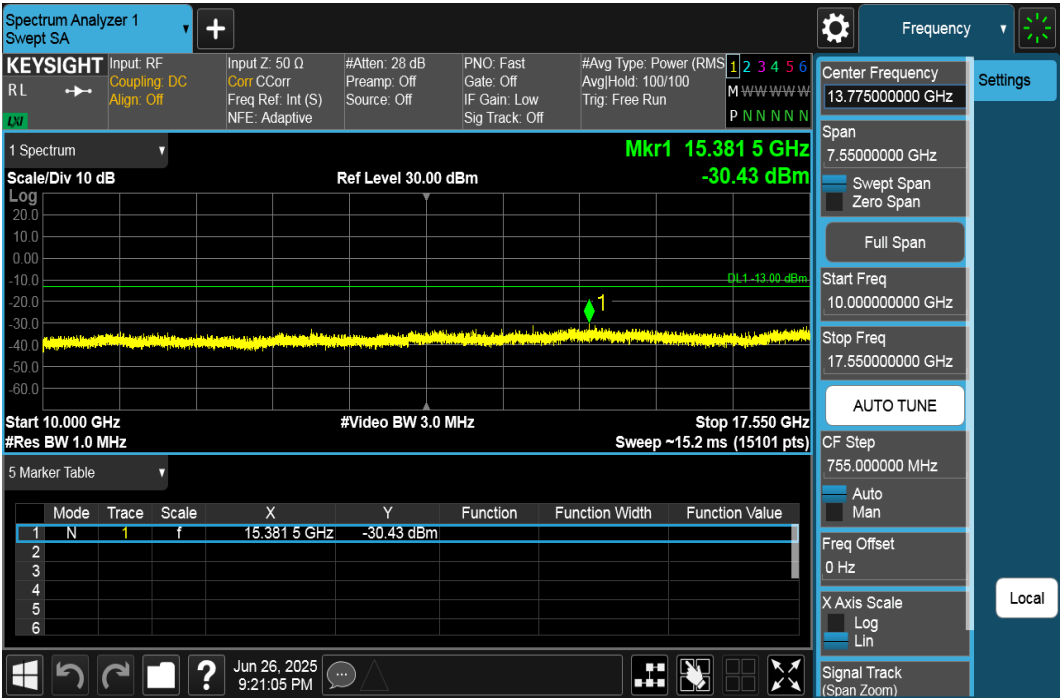
15M_1747.5MHz_CHH_QPSK_6RB_CSE1



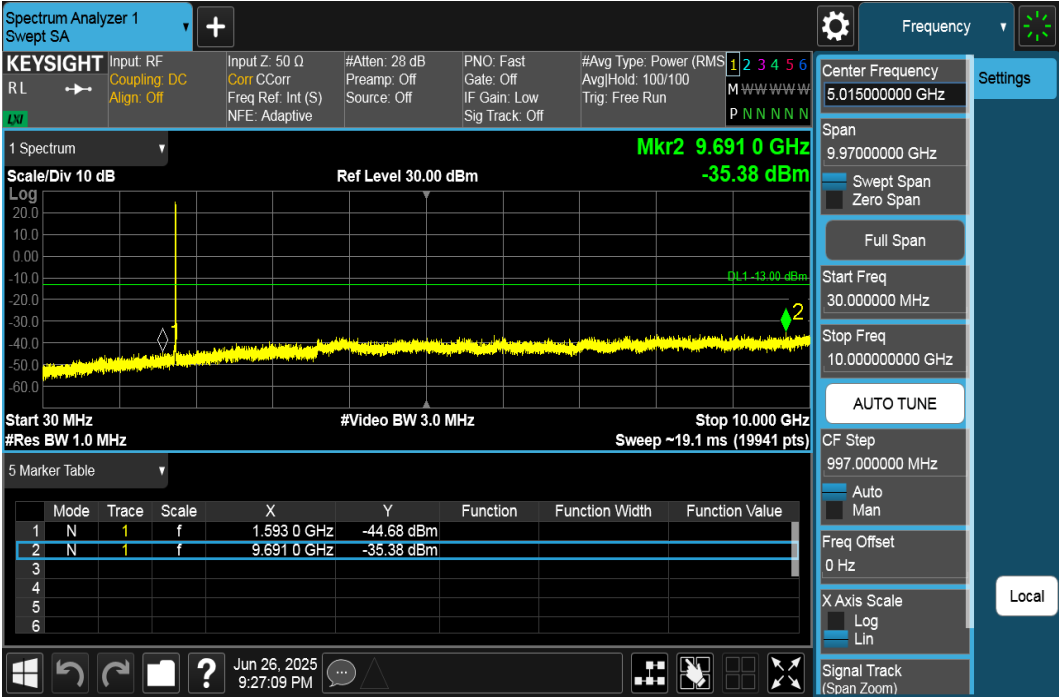
15M_1747.5MHz_CHH_QPSK_1RB_CSE2



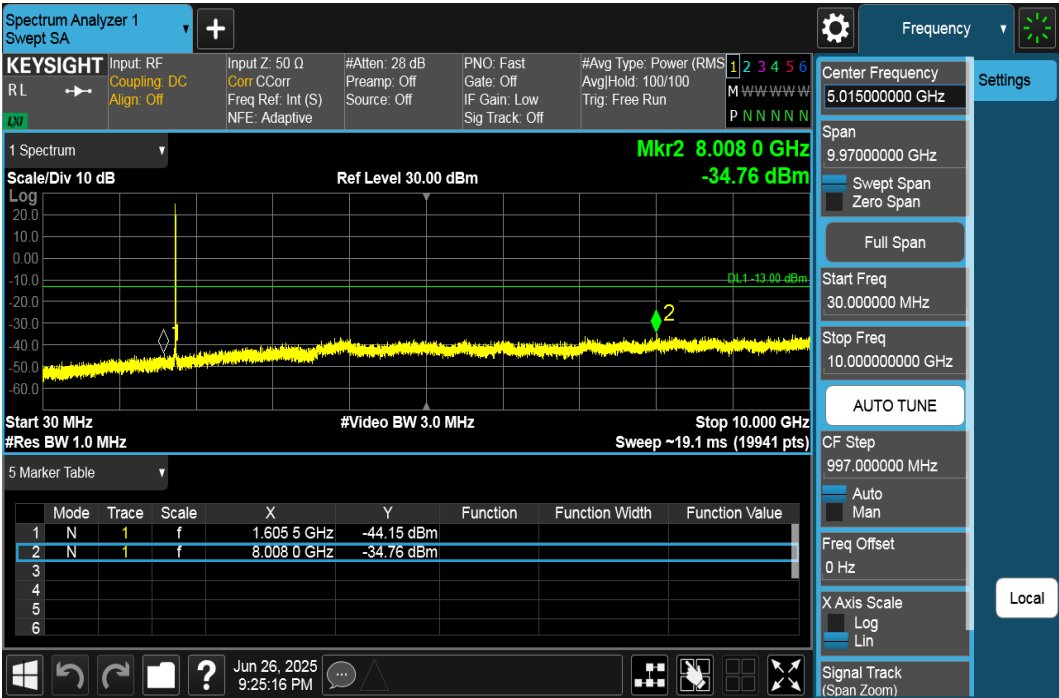
15M_1747.5MHz_CHH_QPSK_6RB_CSE2



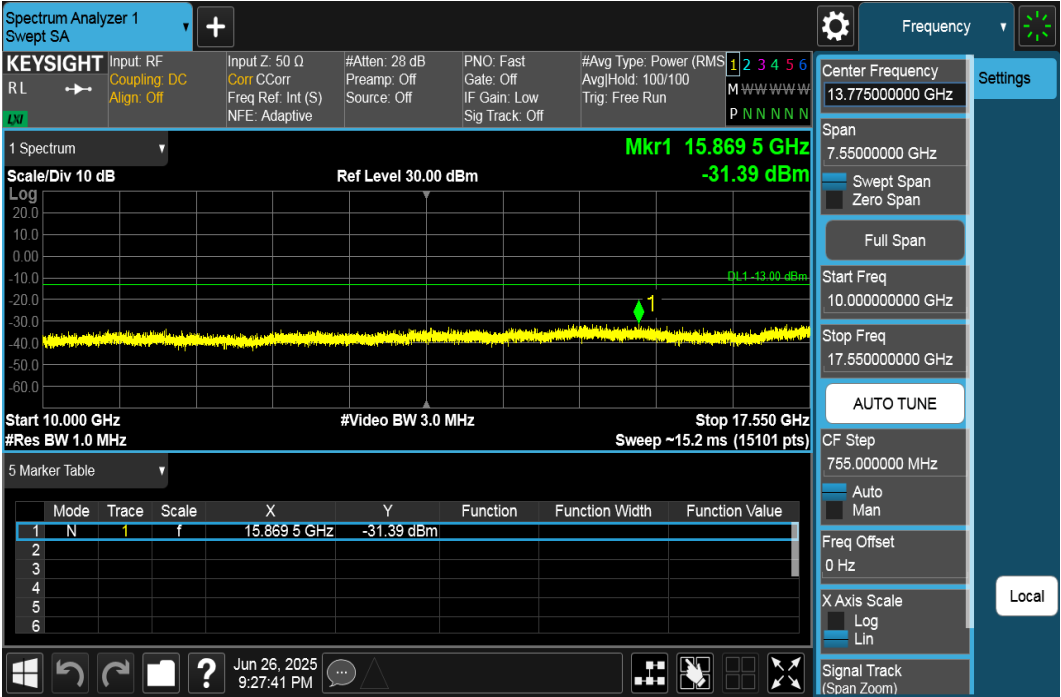
15M_1747.5MHz_CHH_16QAM_1RB_CSE1



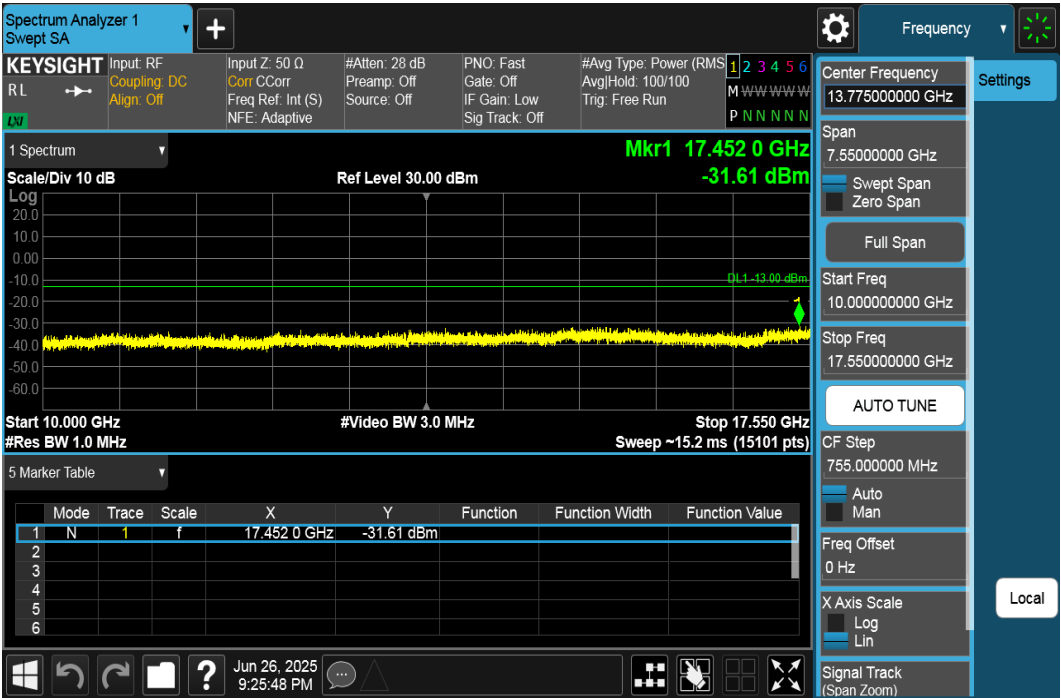
15M_1747.5MHz_CHH_16QAM_5RB_CSE1



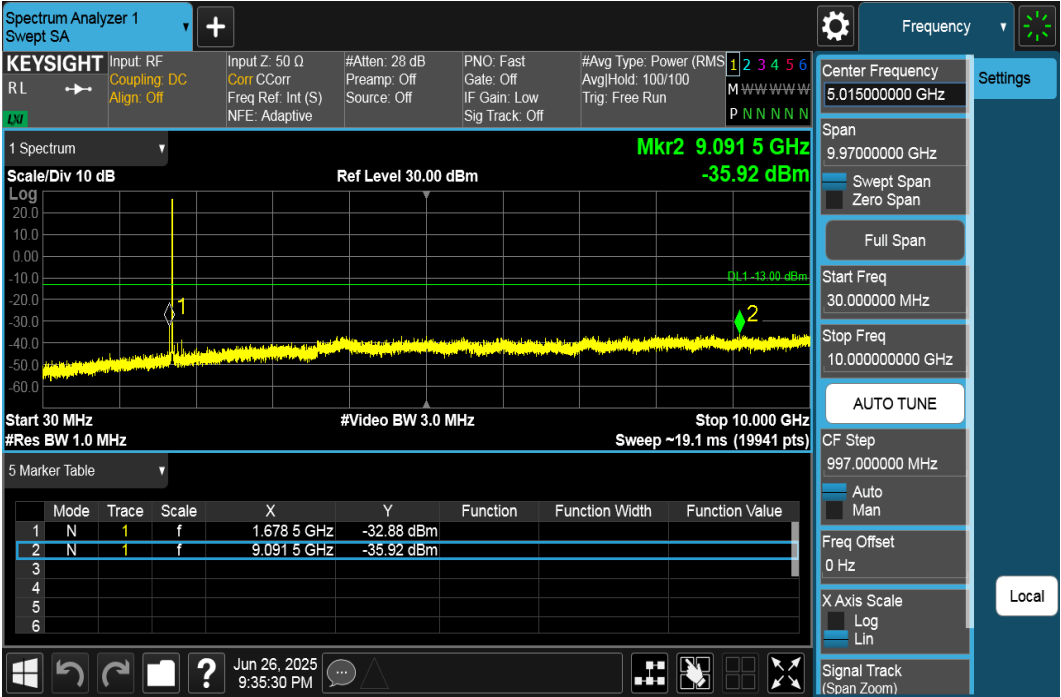
15M_1747.5MHz_CHH_16QAM_1RB_CSE2



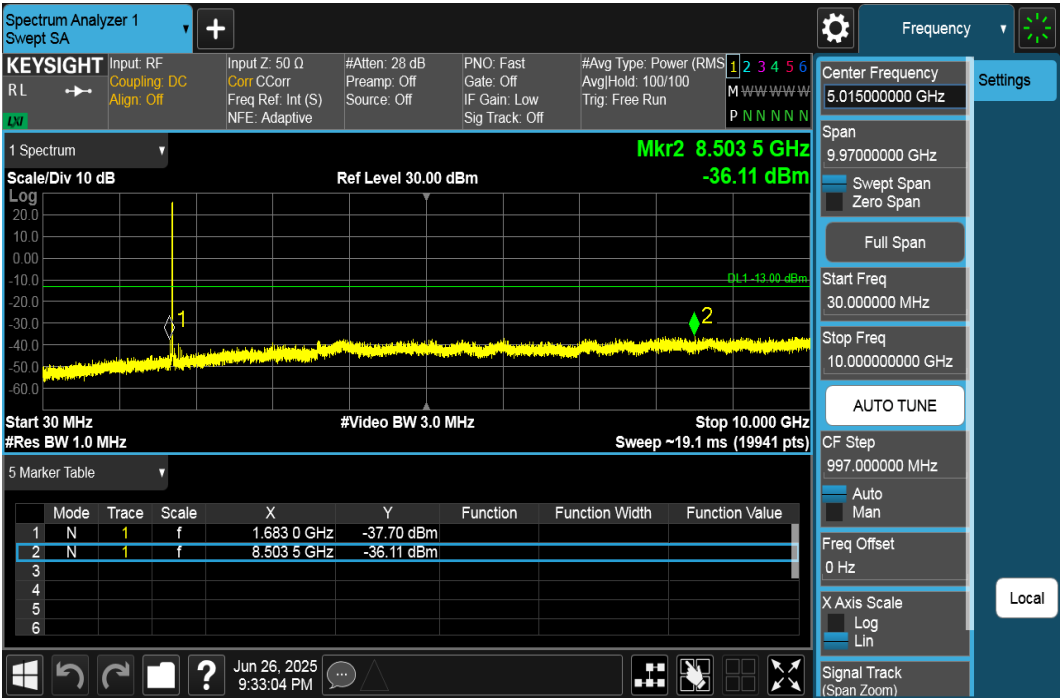
15M_1747.5MHz_CHH_16QAM_5RB_CSE2



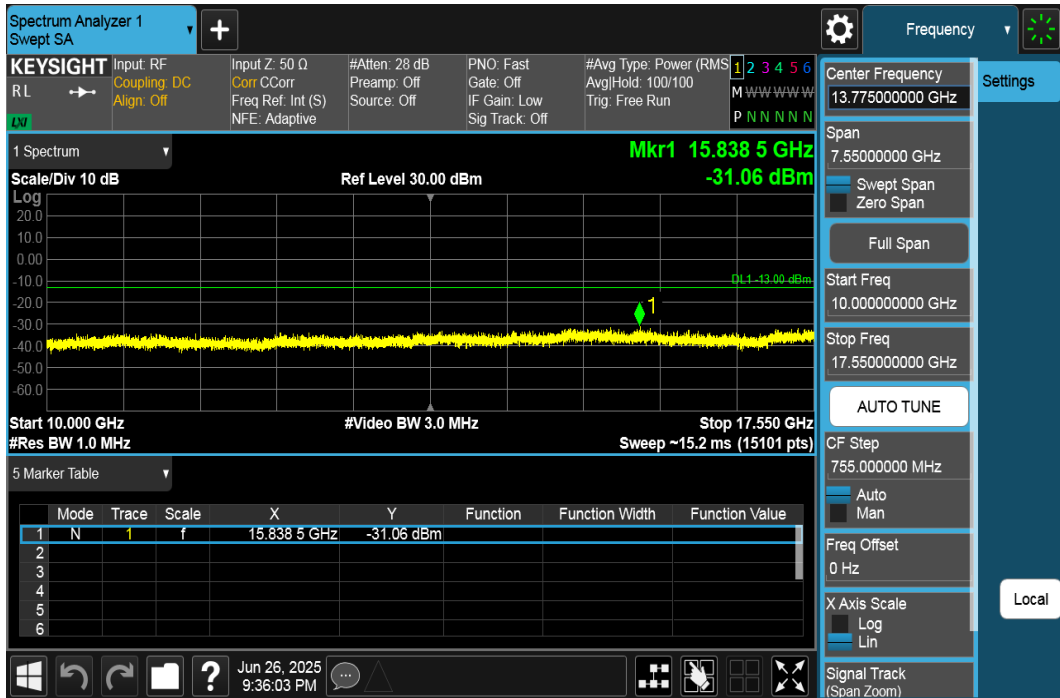
20M_1720MHz_CHL_QPSK_1RB_CSE1



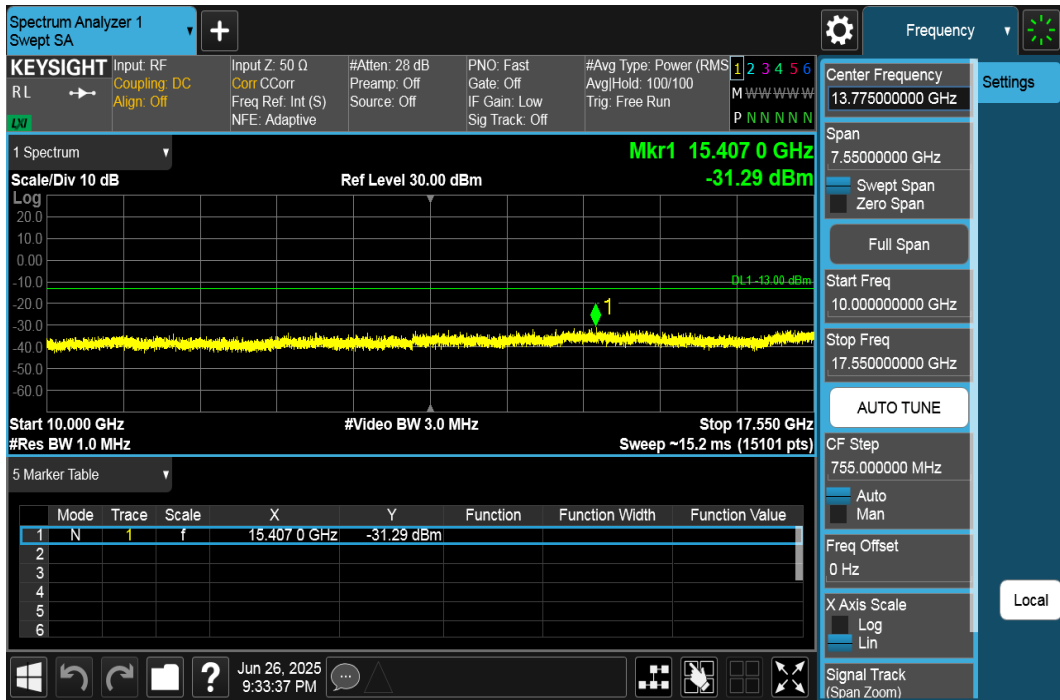
20M_1720MHz_CHL_QPSK_6RB_CSE1



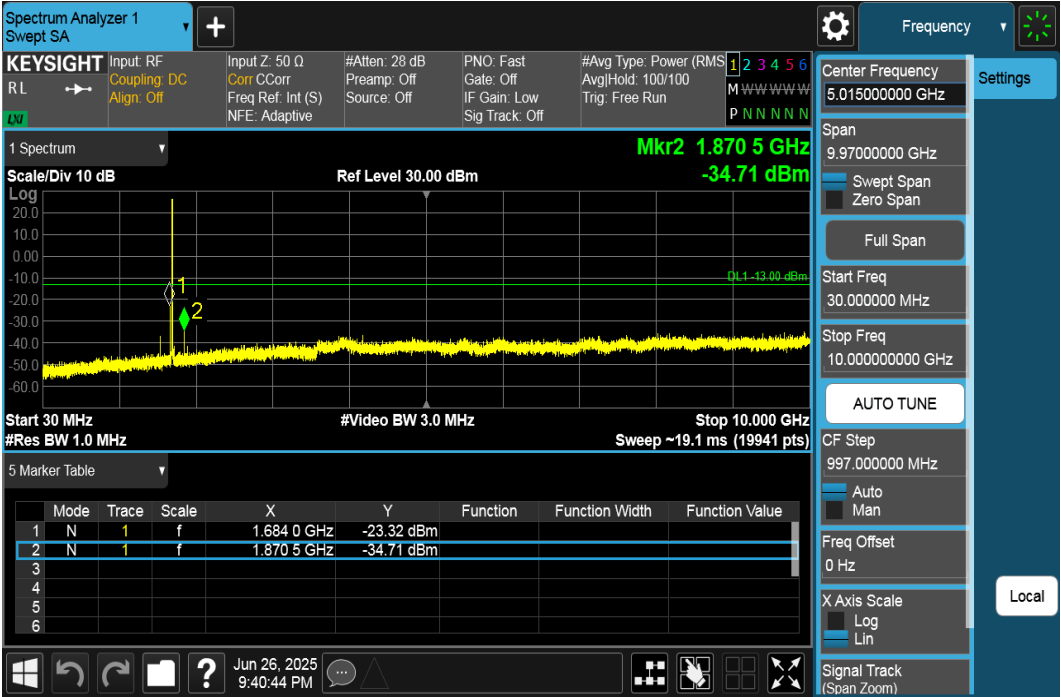
20M_1720MHz_CHL_QPSK_1RB_CSE2



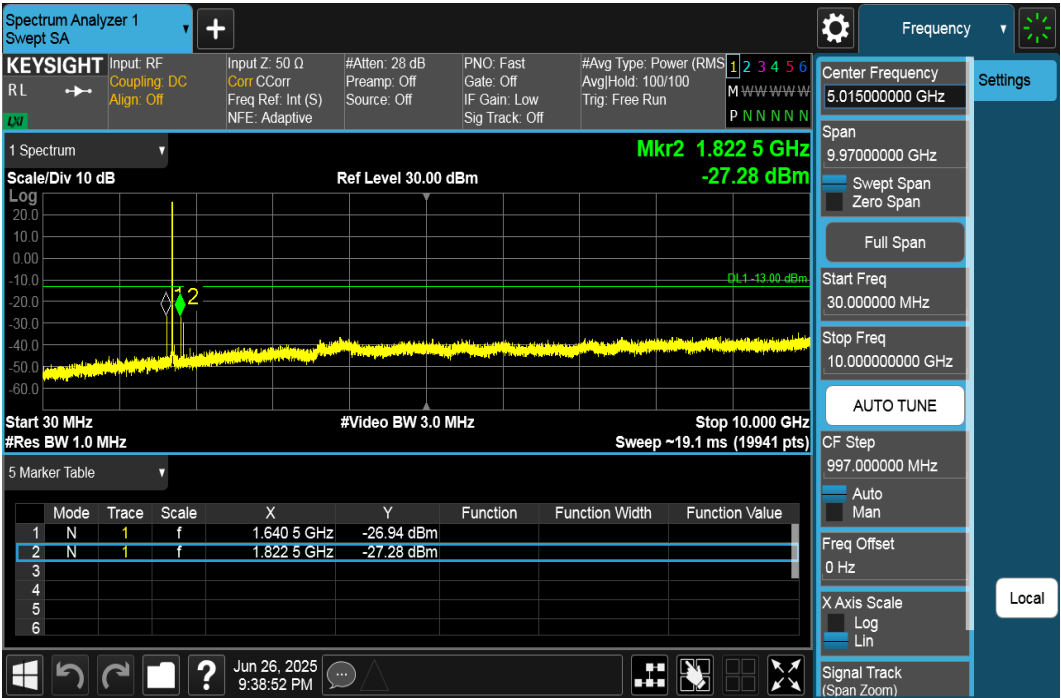
20M_1720MHz_CHL_QPSK_6RB_CSE2



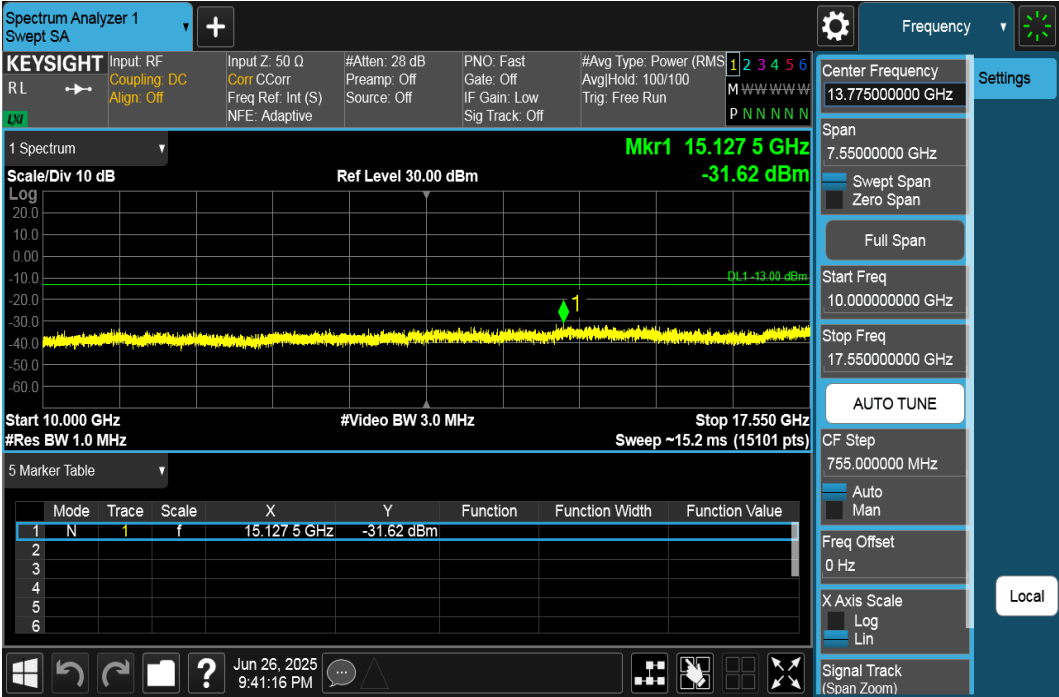
20M_1720MHz_CHL_16QAM_1RB_CSE1



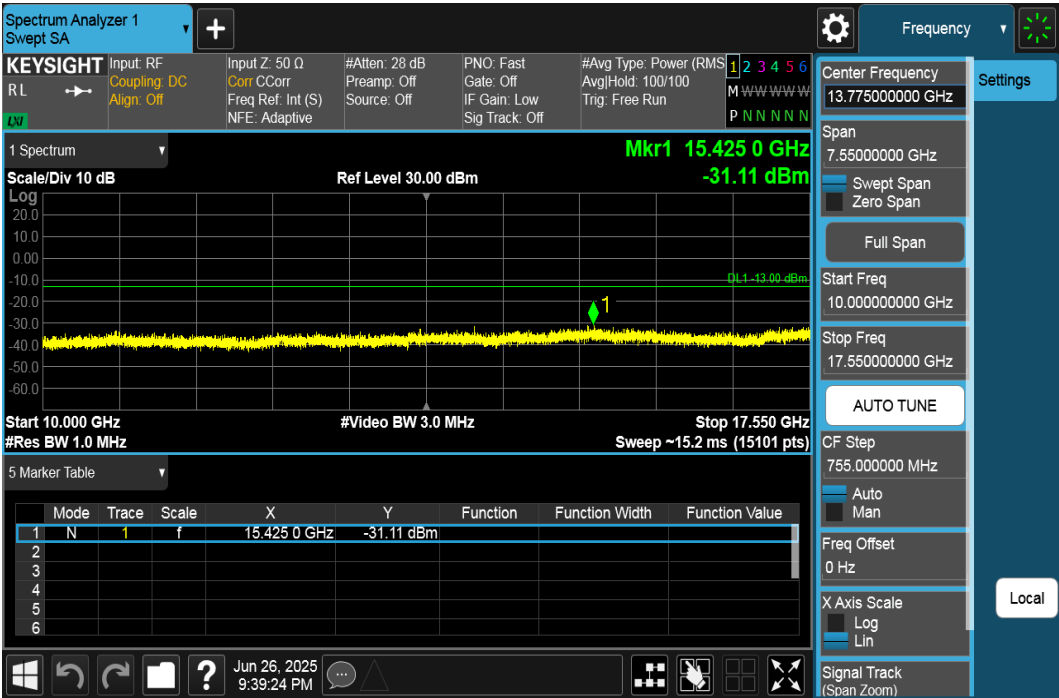
20M_1720MHz_CHL_16QAM_5RB_CSE1



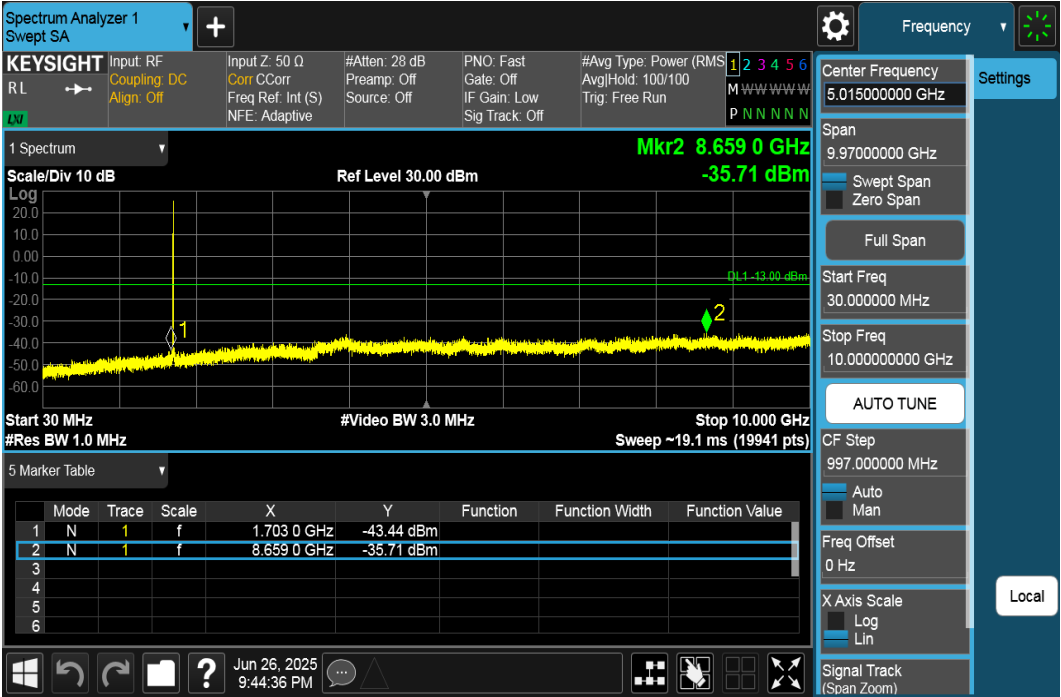
20M_1720MHz_CHL_16QAM_1RB_CSE2



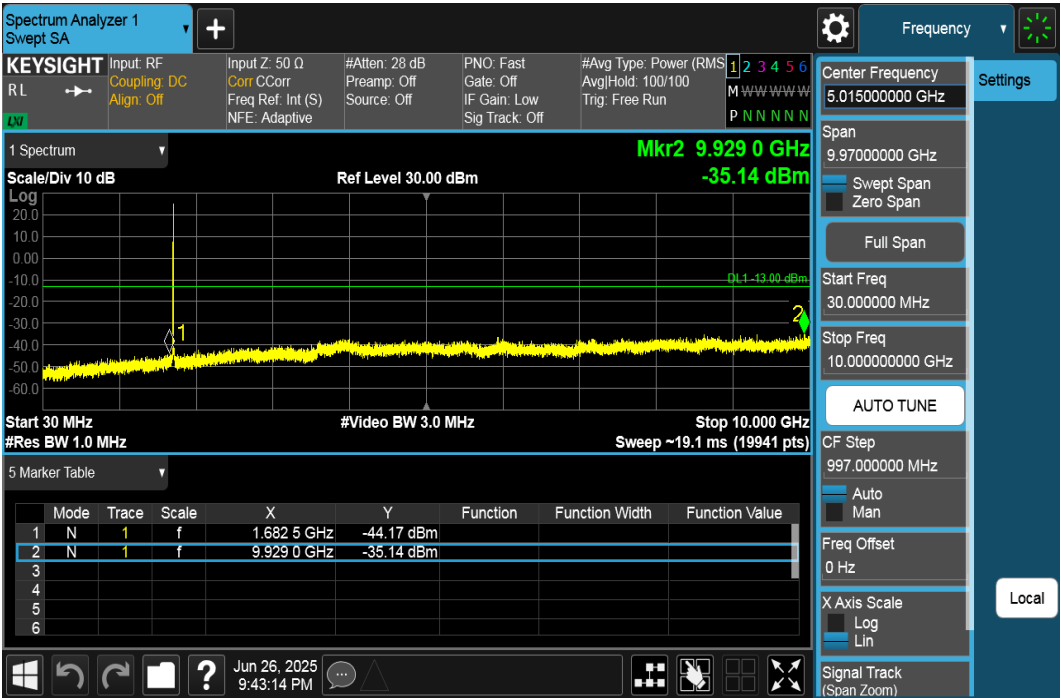
20M_1720MHz_CHL_16QAM_5RB_CSE2



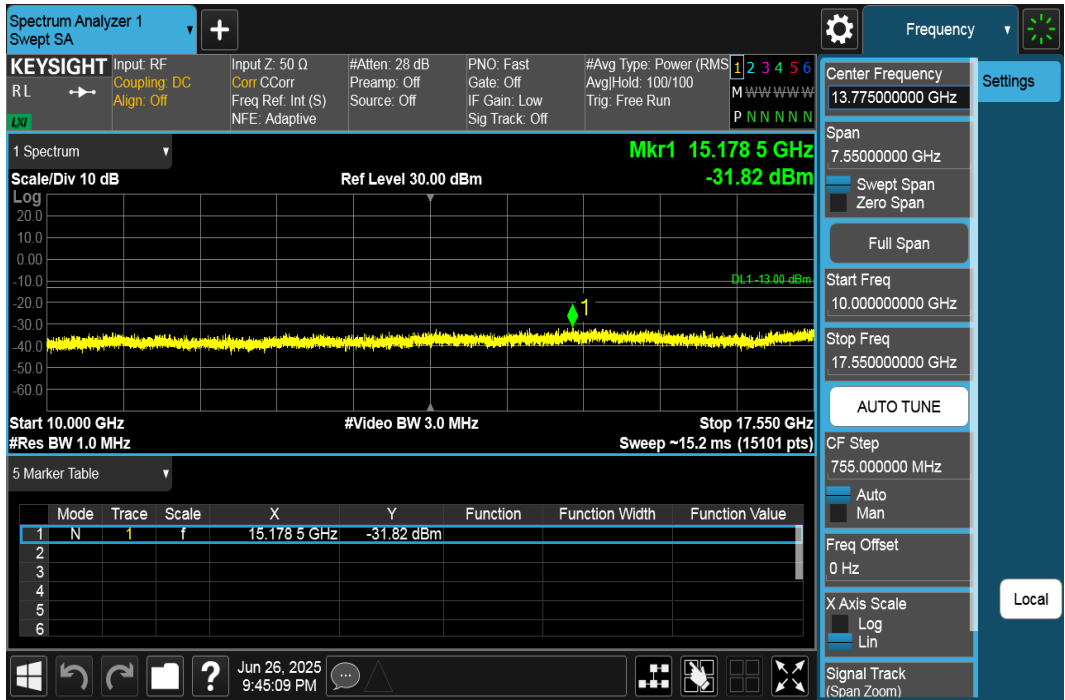
20M_1732.5MHz_CHM_QPSK_1RB_CSE1



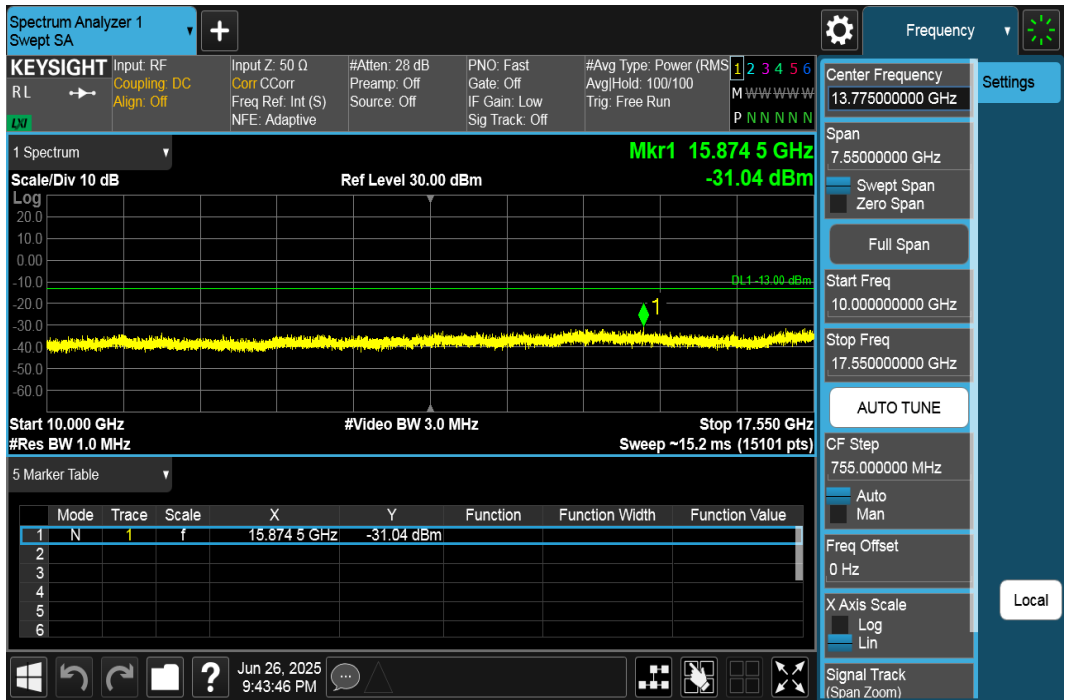
20M_1732.5MHz_CHM_QPSK_6RB_CSE1



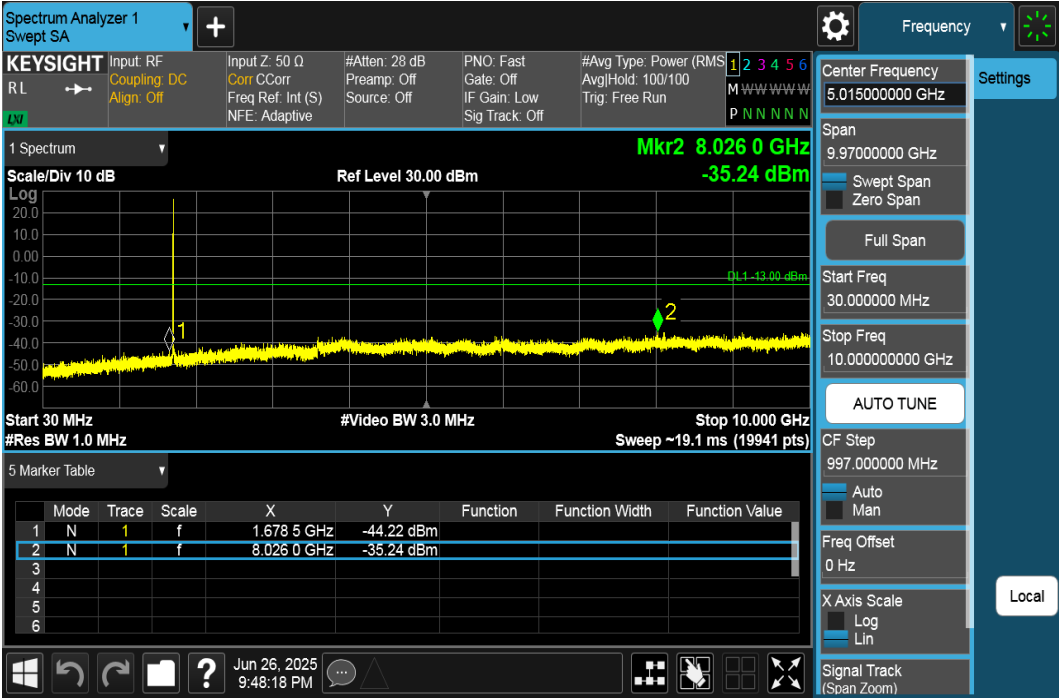
20M_1732.5MHz_CHM_QPSK_1RB_CSE2



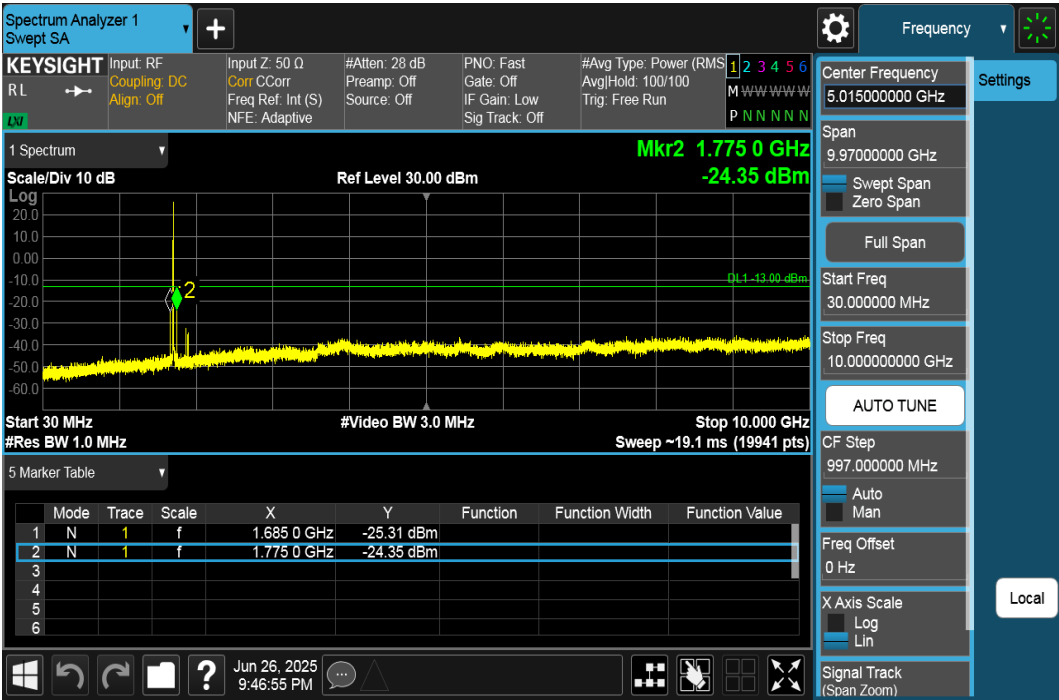
20M_1732.5MHz_CHM_QPSK_6RB_CSE2



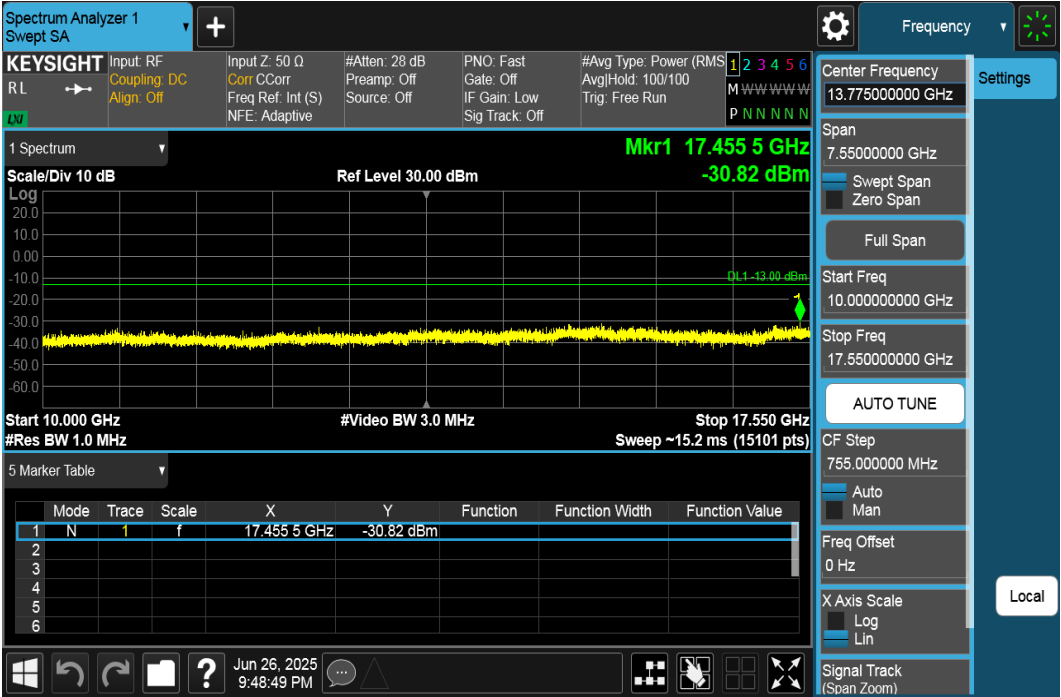
20M_1732.5MHz_CHM_16QAM_1RB_CSE1



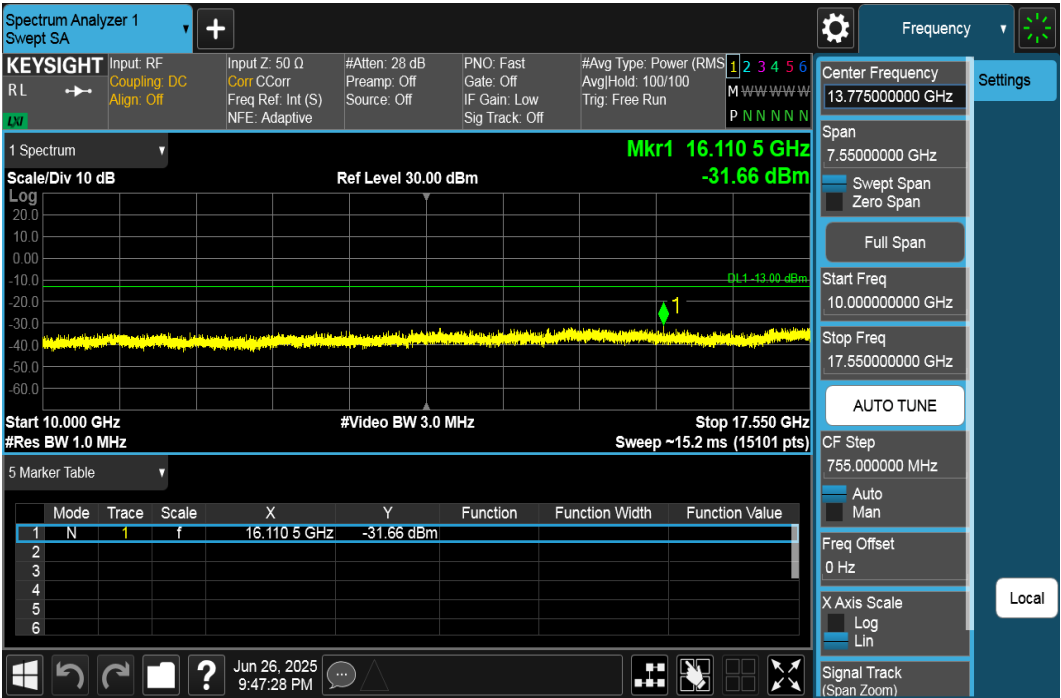
20M_1732.5MHz_CHM_16QAM_5RB_CSE1



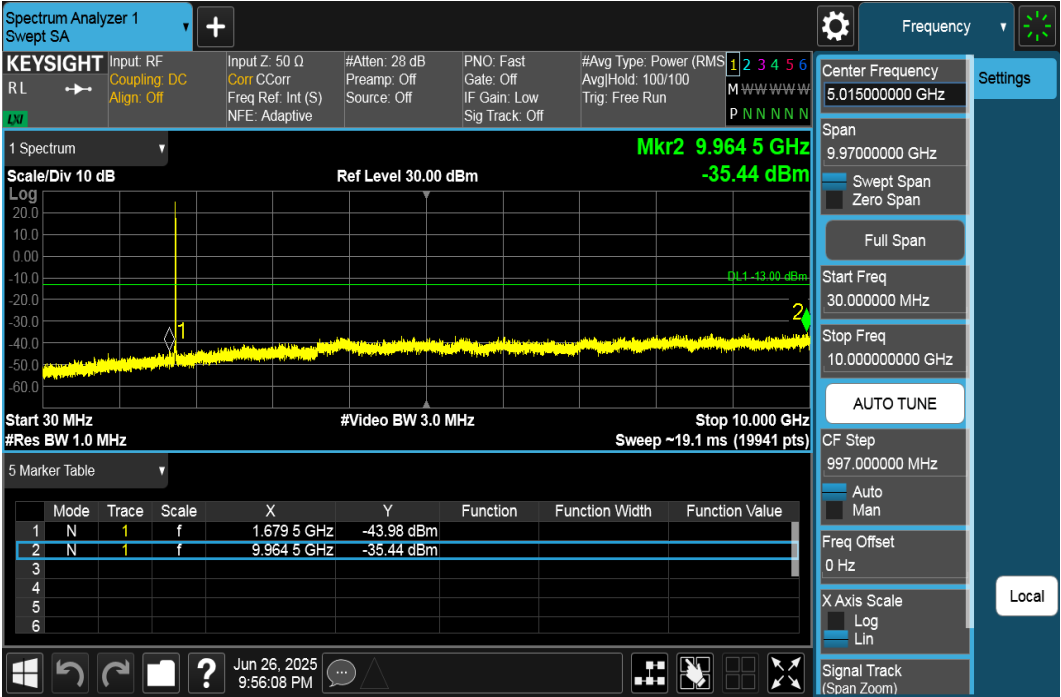
20M_1732.5MHz_CHM_16QAM_1RB_CSE2



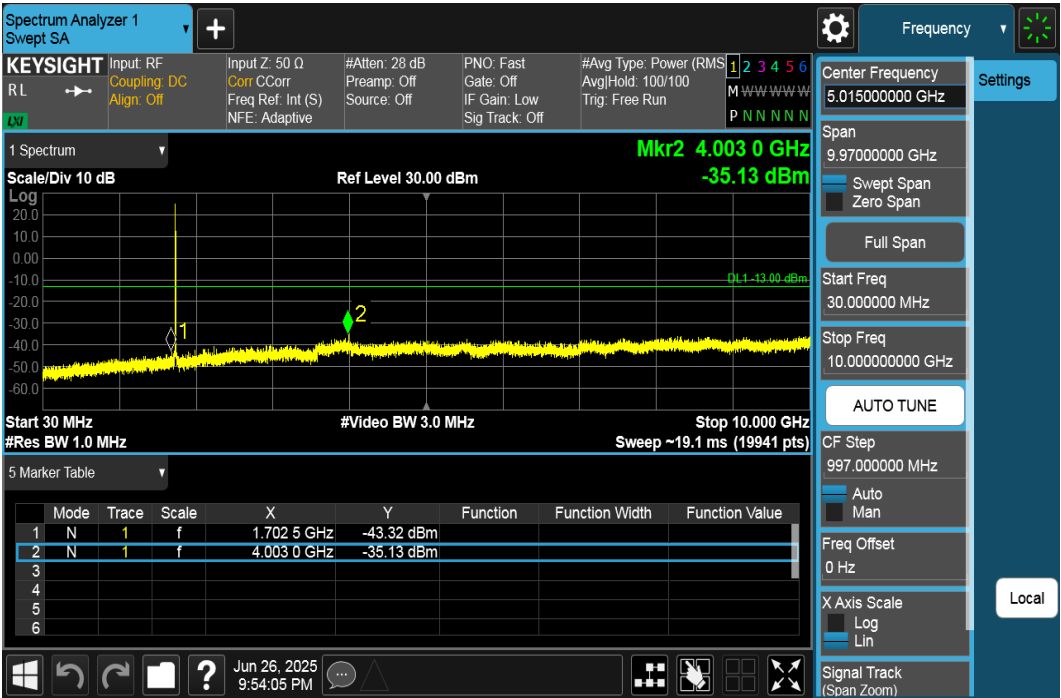
20M_1732.5MHz_CHM_16QAM_5RB_CSE2



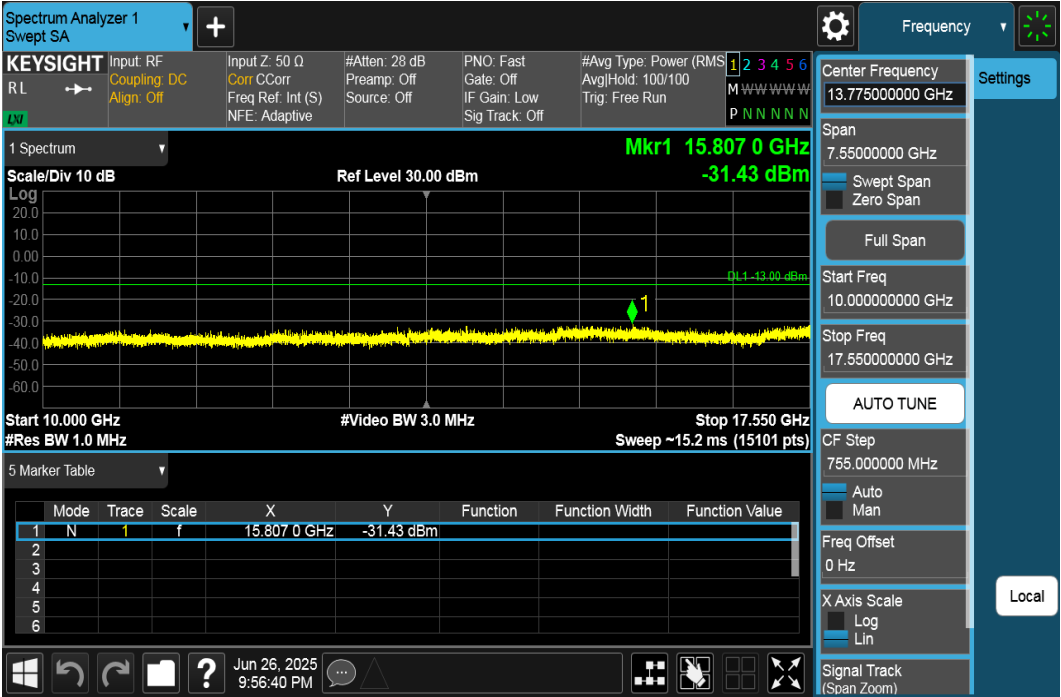
20M_1745MHz_CHH_QPSK_1RB_CSE1



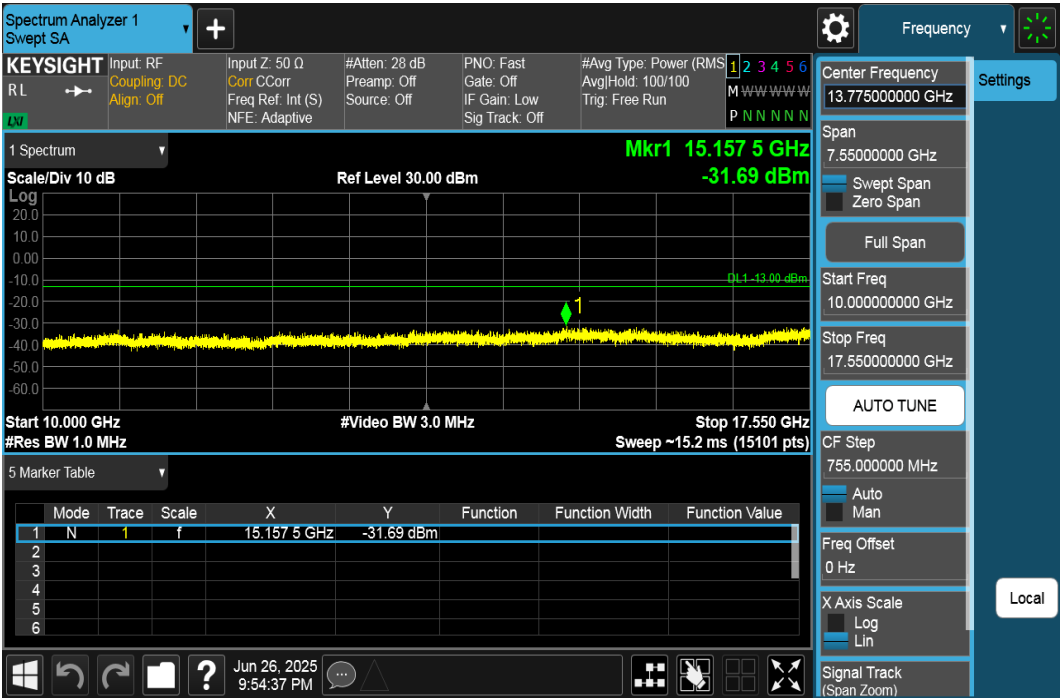
20M_1745MHz_CHH_QPSK_6RB_CSE1



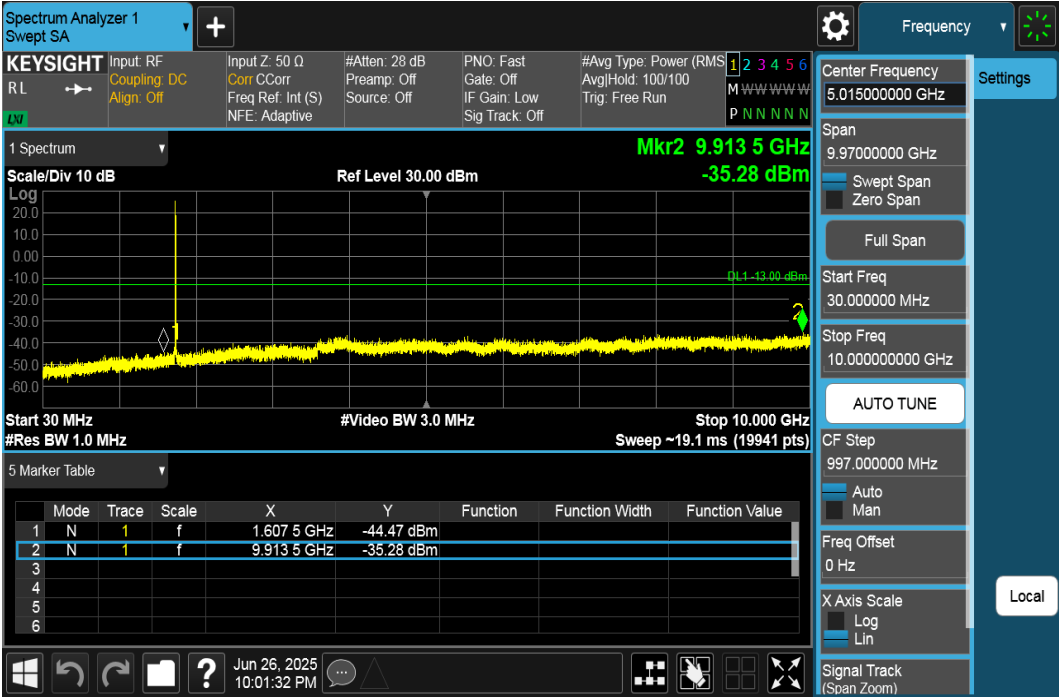
20M_1745MHz_CHH_QPSK_1RB_CSE2



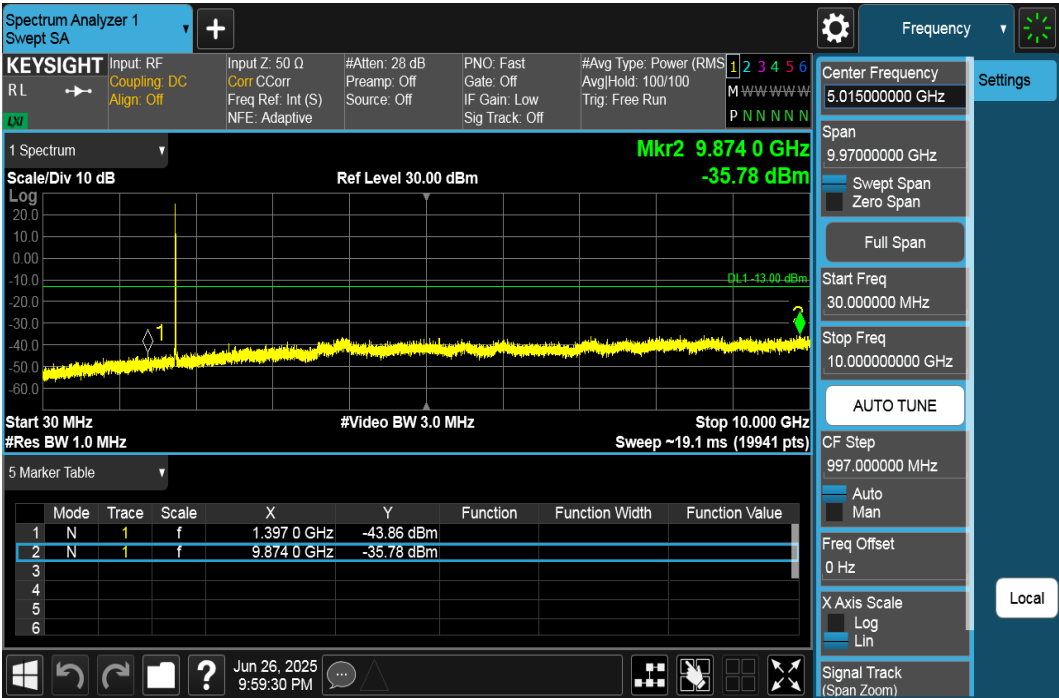
20M_1745MHz_CHH_QPSK_6RB_CSE2



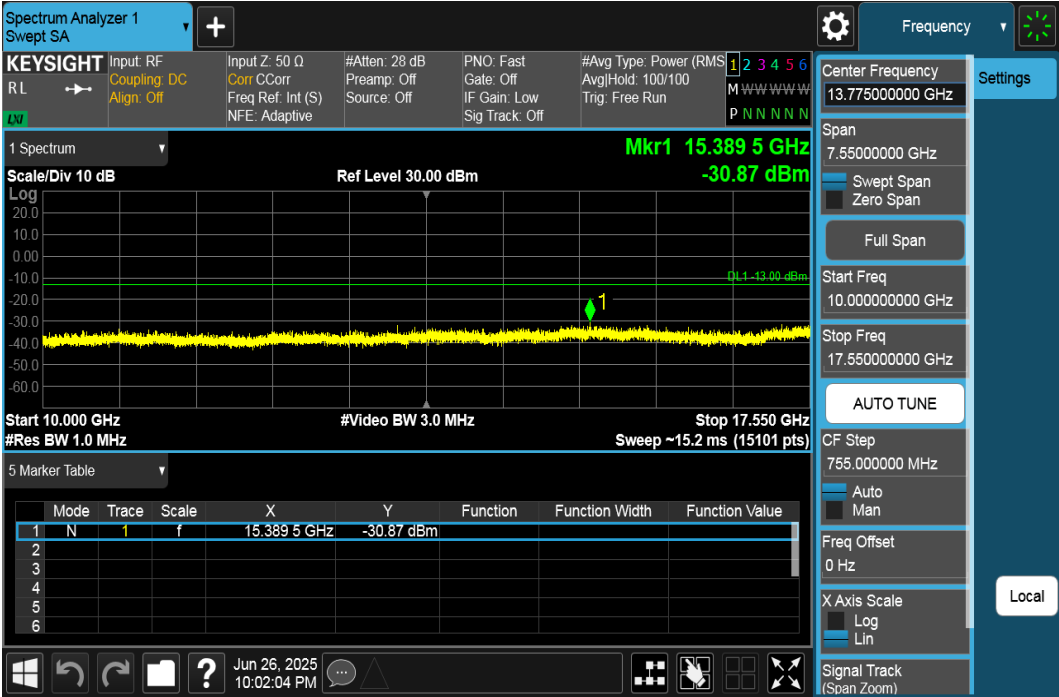
20M_1745MHz_CHH_16QAM_1RB_CSE1



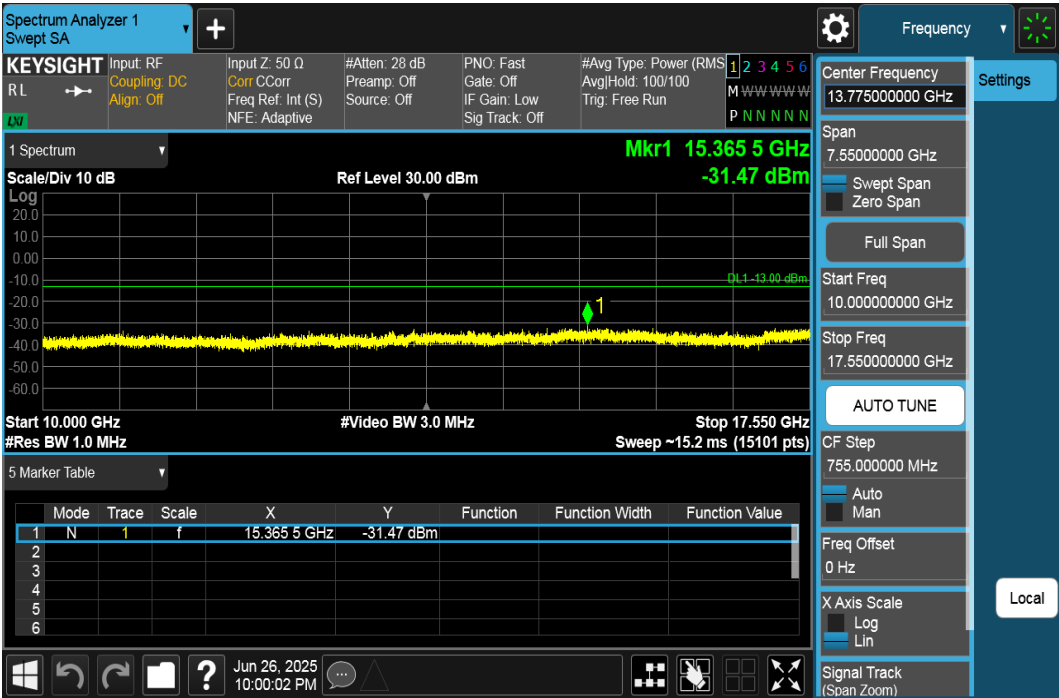
20M_1745MHz_CHH_16QAM_5RB_CSE1



20M_1745MHz_CHH_16QAM_1RB_CSE2



20M_1745MHz_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 band4	QPSK/ 20MHz	LCH	TN	VL	0.77	0.00045	PASS
				VN	1.65	0.00096	PASS
				VH	2.82	0.00165	PASS
		MCH	TN	VL	2.53	0.00147	PASS
				VN	2.48	0.00144	PASS
				VH	2.86	0.00166	PASS
		HCH	TN	VL	2.82	0.00161	PASS
				VN	2.76	0.00157	PASS
				VH	2.42	0.00138	PASS
	16QAM/ 20MHz	LCH	TN	VL	0.58	0.00034	PASS
				VN	1.89	0.00110	PASS
				VH	1.61	0.00094	PASS
		MCH	TN	VL	1.92	0.00111	PASS
				VN	2.04	0.00118	PASS
				VH	-0.99	-0.00057	PASS
		HCH	TN	VL	1.78	0.00102	PASS
				VN	1.72	0.00098	PASS
				VH	1.51	0.00086	PASS

Frequency Error VS. Temperature

Test Band	Test mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
CatM1 band4	QPSK/ 20MHz	LCH	VN	-30	0.86	0.00050	PASS
				-20	1.35	0.00079	PASS
				-10	0.53	0.00031	PASS
				0	0.16	0.00009	PASS
				10	1.61	0.00094	PASS
				20	1.48	0.00086	PASS
				30	2.02	0.00118	PASS
				40	1.53	0.00089	PASS
				50	1.68	0.00098	PASS
		MCH	VN	-30	0.16	0.00009	PASS
				-20	-0.38	-0.00022	PASS
				-10	0.48	0.00028	PASS
				0	0.02	0.00001	PASS
				10	0.78	0.00045	PASS
				20	-0.64	-0.00037	PASS
				30	0.48	0.00028	PASS
				40	0.83	0.00048	PASS
				50	0.78	0.00045	PASS
		HCH	VN	-30	-0.27	-0.00015	PASS
				-20	-0.28	-0.00016	PASS
				-10	2.37	0.00135	PASS
				0	1.21	0.00069	PASS
				10	0.97	0.00055	PASS
				20	2.49	0.00142	PASS
				30	1.83	0.00104	PASS
				40	1.18	0.00067	PASS
				50	-0.73	-0.00042	PASS

Test Band	Test mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
CatM1 band4	16QAM/ 20MHz	LCH	VN	-30	0.05	0.00003	PASS
				-20	0.04	0.00002	PASS
				-10	1.25	0.00073	PASS
				0	-0.18	-0.00011	PASS
				10	1.24	0.00072	PASS
				20	1.07	0.00063	PASS
				30	1.67	0.00098	PASS
				40	0.93	0.00054	PASS
				50	1.09	0.00064	PASS
		MCH	VN	-30	1.91	0.00111	PASS
				-20	1.93	0.00112	PASS
				-10	0.12	0.00007	PASS
				0	-0.35	-0.00020	PASS
				10	0.58	0.00034	PASS
				20	2.16	0.00125	PASS
				30	2.24	0.00130	PASS
				40	1.96	0.00114	PASS
				50	2.68	0.00155	PASS
		HCH	VN	-30	-0.28	-0.00016	PASS
				-20	-0.27	-0.00015	PASS
				-10	-0.17	-0.00010	PASS
				0	2.33	0.00133	PASS
				10	2.48	0.00141	PASS
				20	-0.13	-0.00007	PASS
				30	-0.28	-0.00016	PASS
				40	2.72	0.00155	PASS
				50	-0.69	-0.00039	PASS

- End of the Appendix -