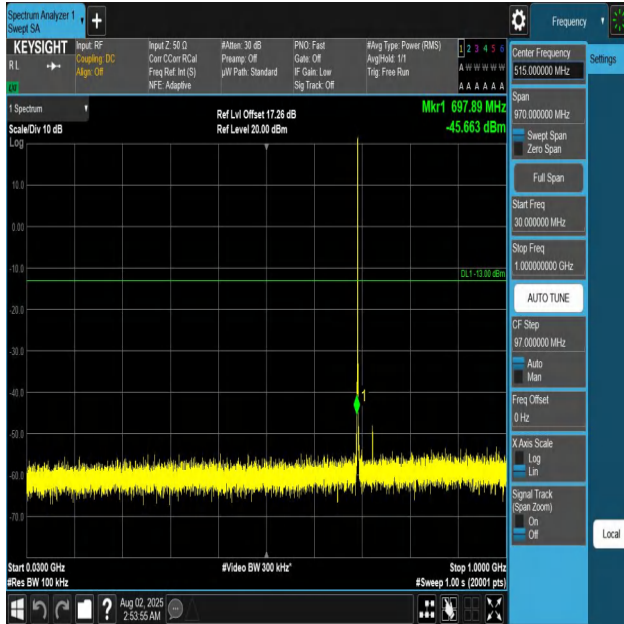




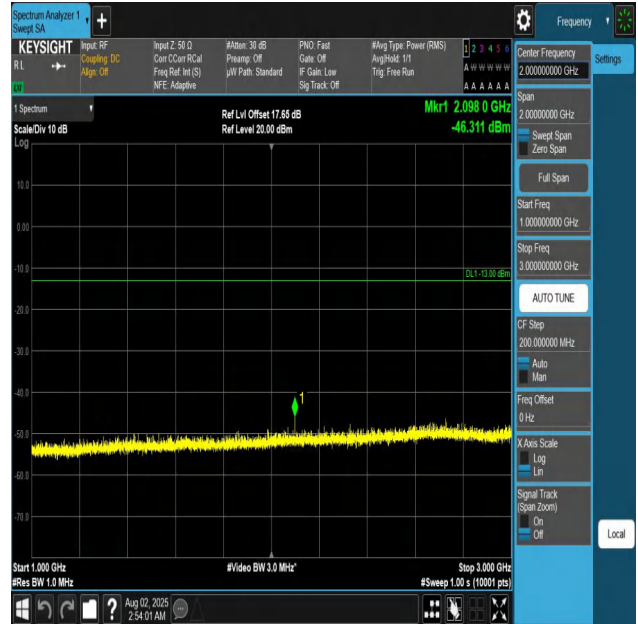
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-39.10	PASS
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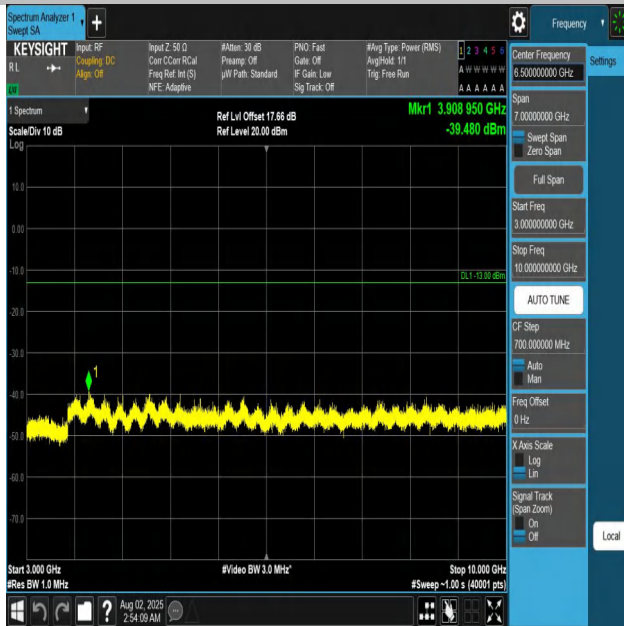
Test Graphs



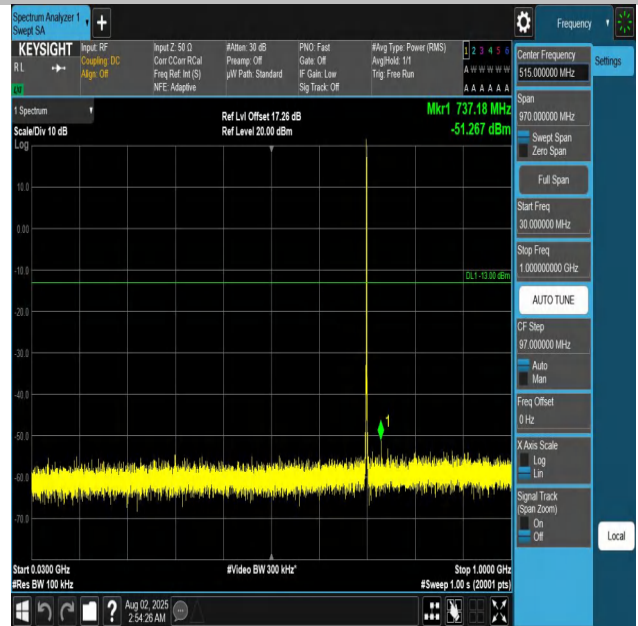
Band12-1.4MHz-QPSK-23017-1RB#0-30~1000-PASS



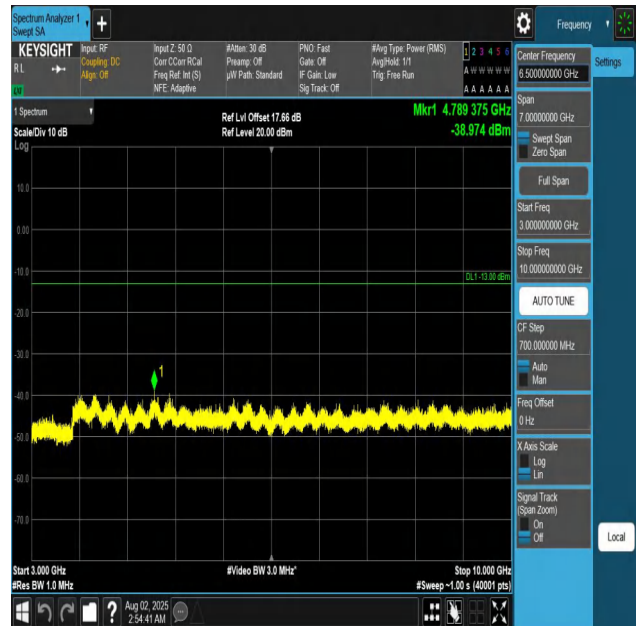
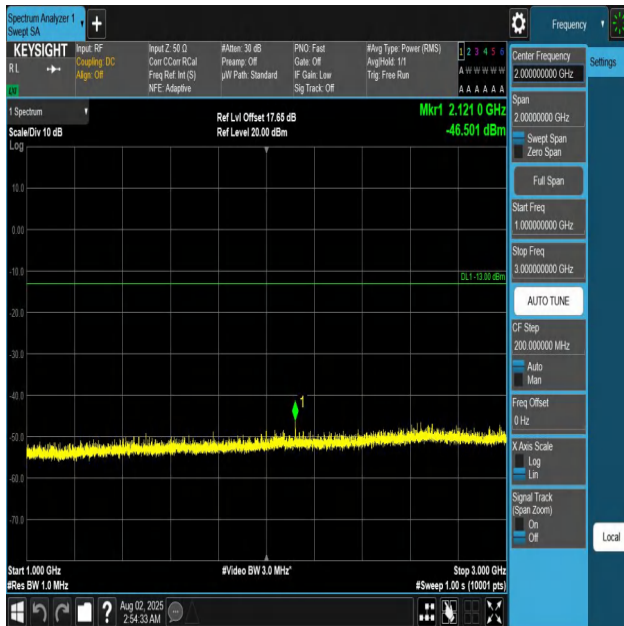
Band12-1.4MHz-QPSK-23017-1RB#0-1000~3000-PASS



Band12-1.4MHz-QPSK-23017-1RB#0-3000~10000-PASS

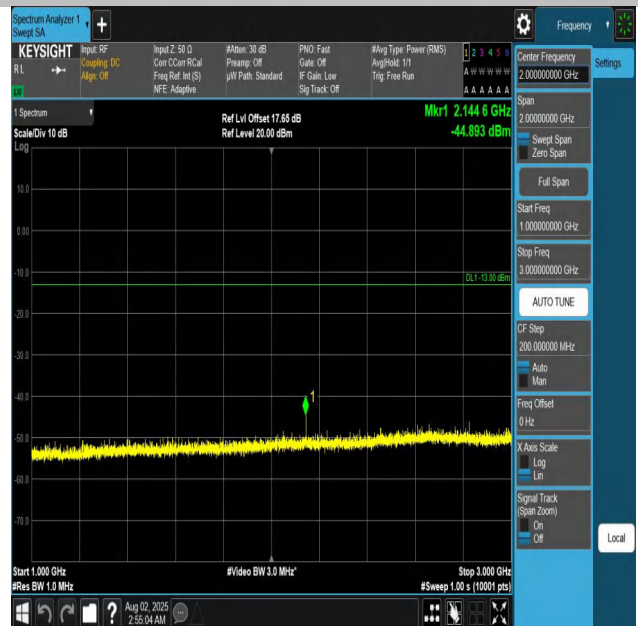
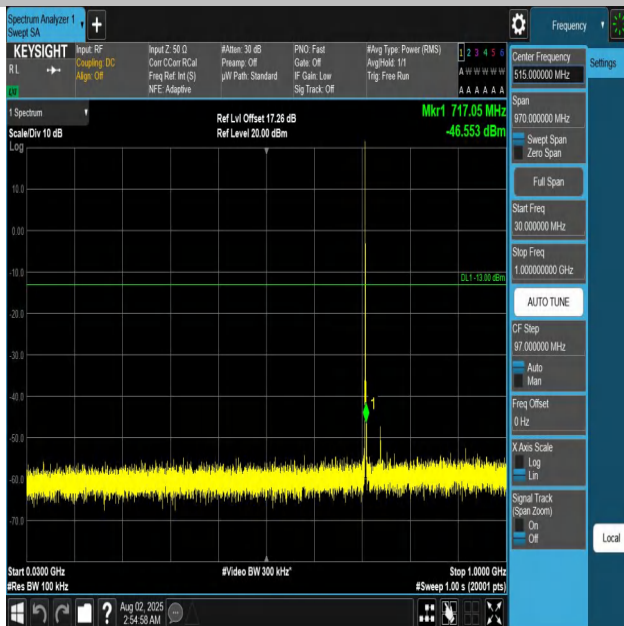


Band12-1.4MHz-QPSK-23095-1RB#0-30~1000-PASS



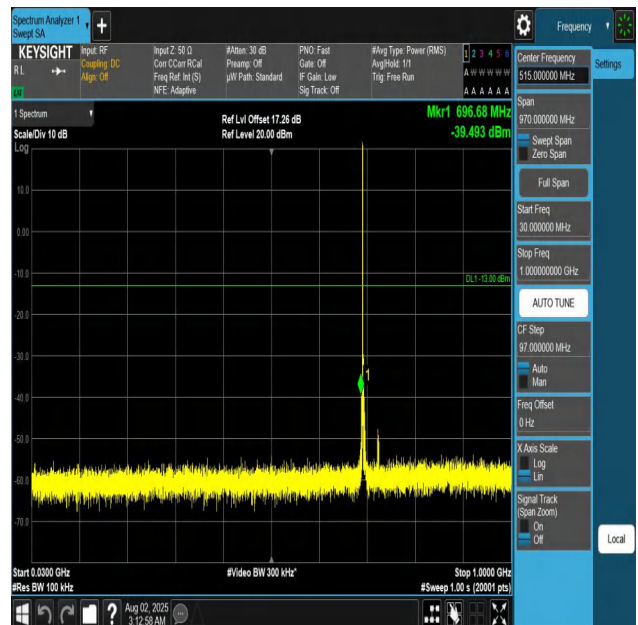
Band12-1.4MHz-QPSK-23095-1RB#0-1000~3000-PASS

Band12-1.4MHz-QPSK-23095-1RB#0-3000~10000-PASS

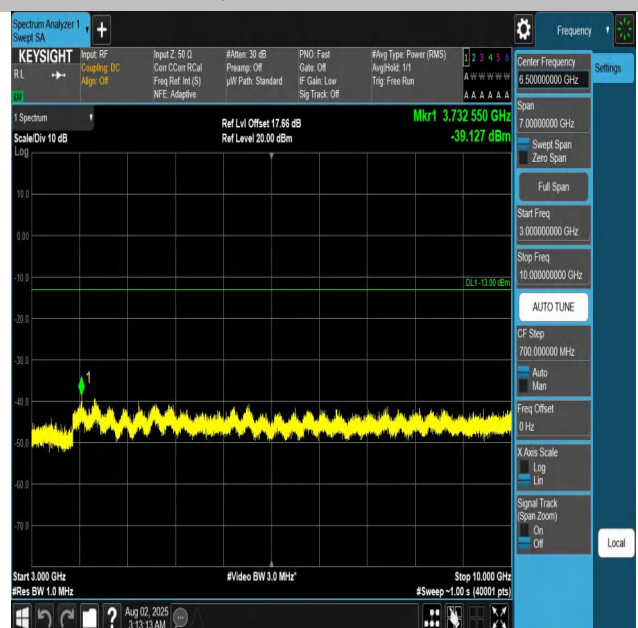


Band12-1.4MHz-QPSK-23173-1RB#0-30~1000-PASS

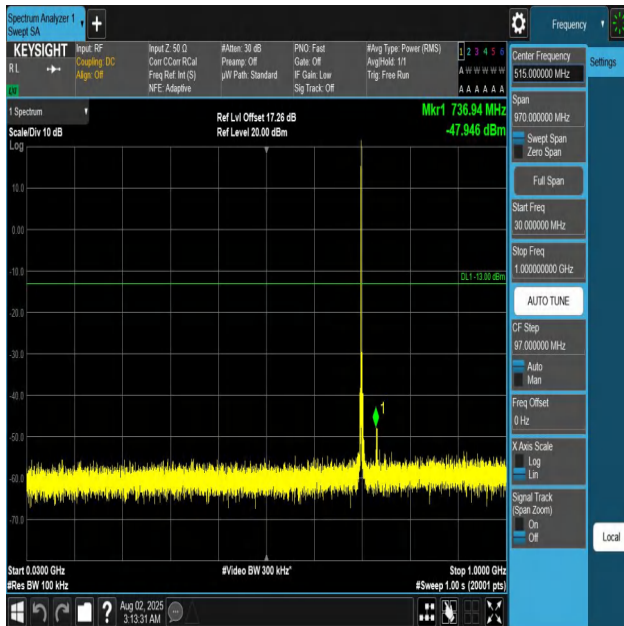
Band12-1.4MHz-QPSK-23173-1RB#0-1000~3000-PASS



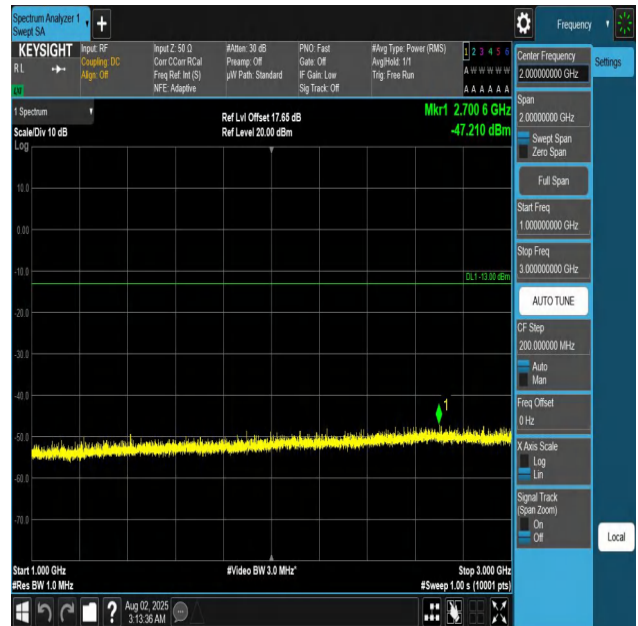
Band12-3MHz-QPSK-23025-1RB#0-30~1000-PASS



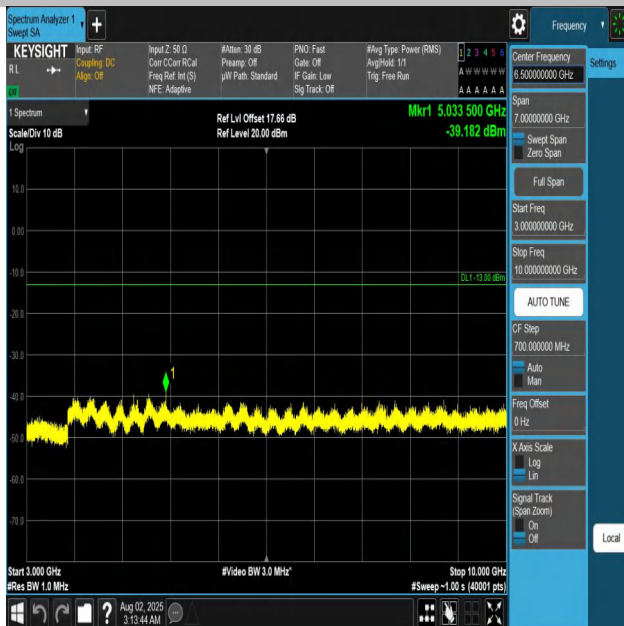
Band12-3MHz-QPSK-23025-1RB#0-3000~10000-PASS



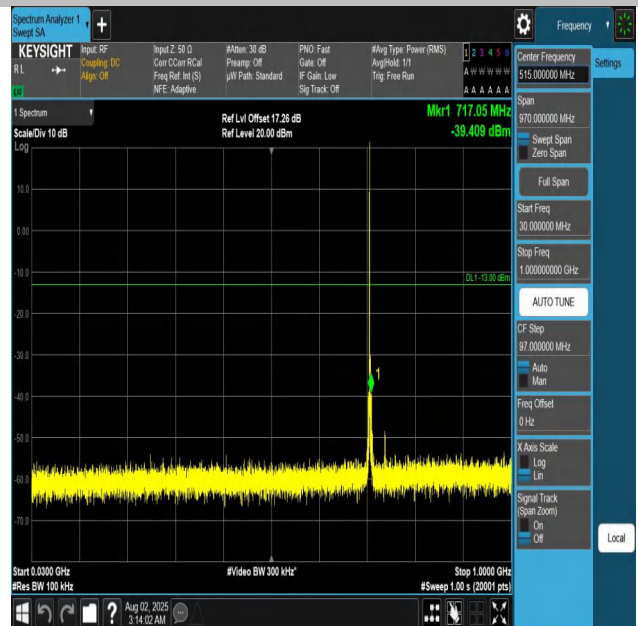
Band12-3MHz-QPSK-23095-1RB#0-30~1000-PASS



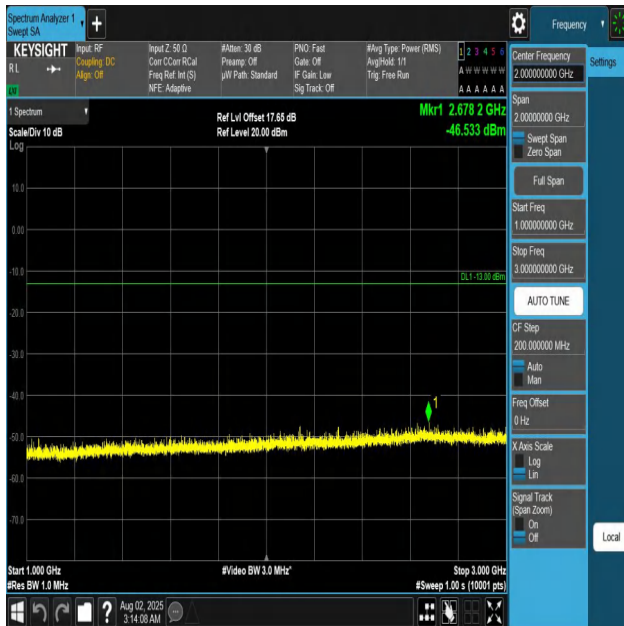
Band12-3MHz-QPSK-23095-1RB#0-1000~3000-PASS



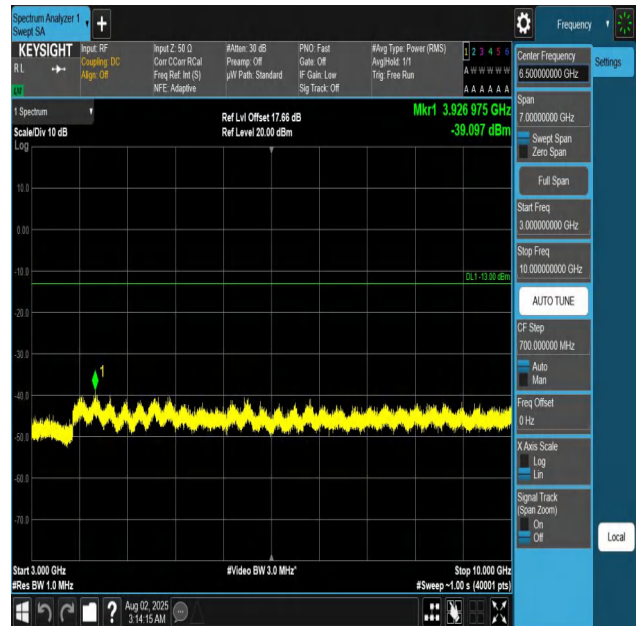
Band12-3MHz-QPSK-23095-1RB#0-3000~10000-PASS



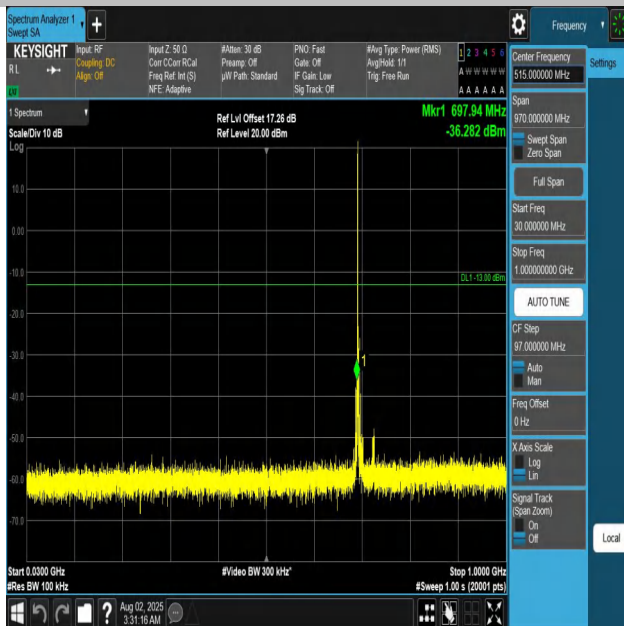
Band12-3MHz-QPSK-23165-1RB#0-30~1000-PASS



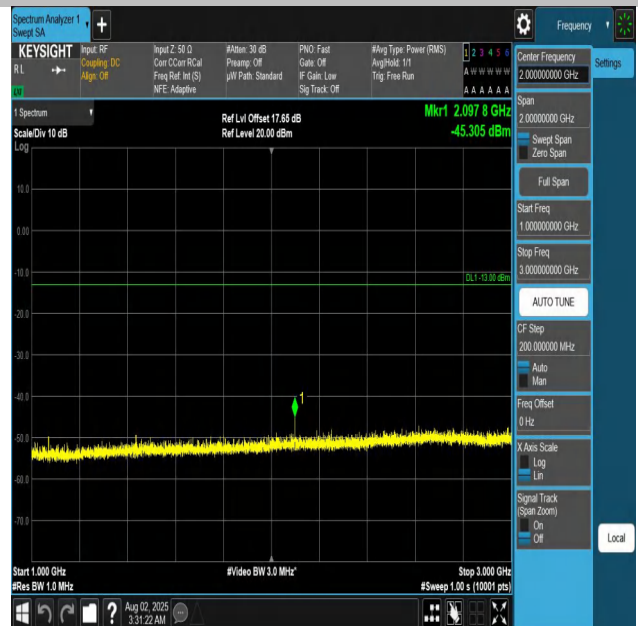
Band12-3MHz-QPSK-23165-1RB#0-1000~3000-PASS



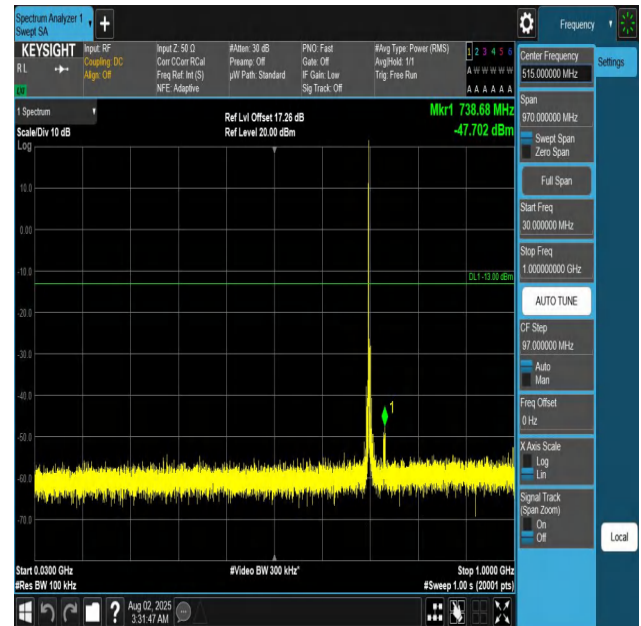
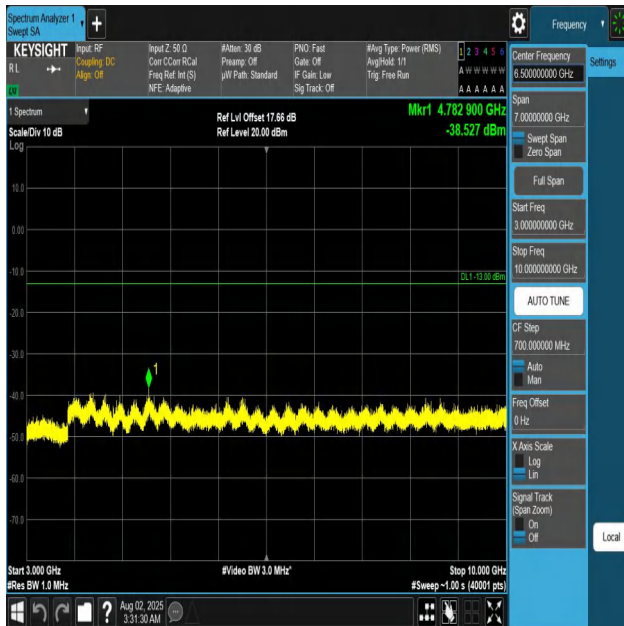
Band12-3MHz-QPSK-23165-1RB#0-3000~10000-PASS



Band12-5MHz-QPSK-23035-1RB#0-30~1000-PASS

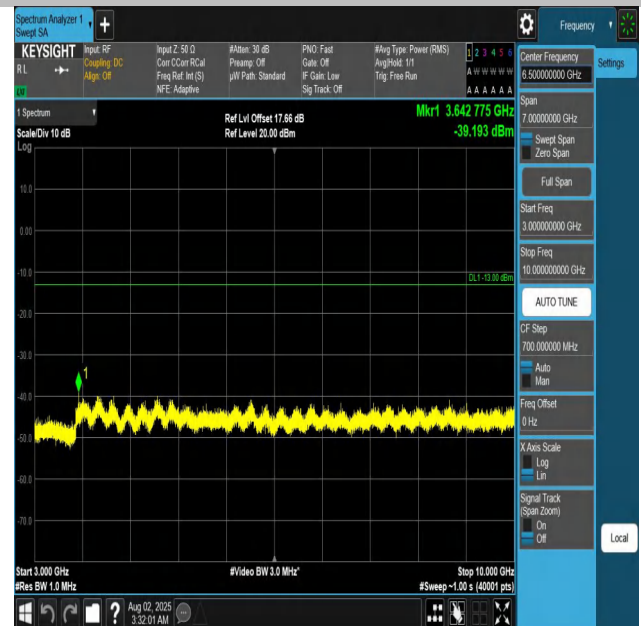
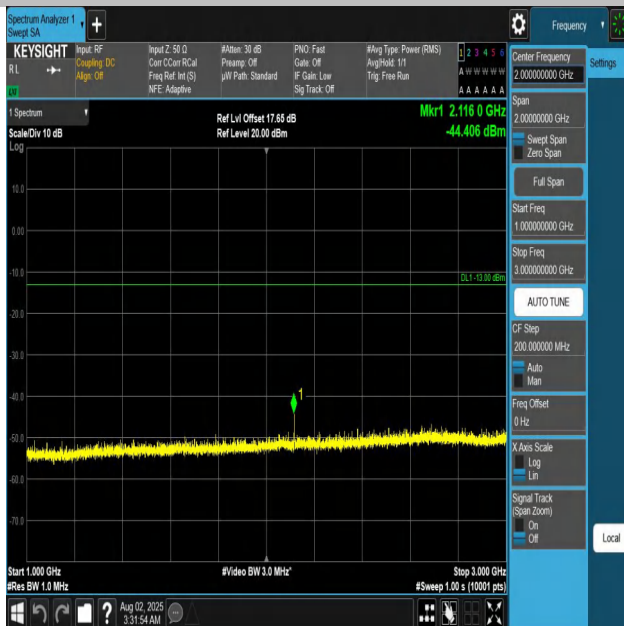


Band12-5MHz-QPSK-23035-1RB#0-1000~3000-PASS



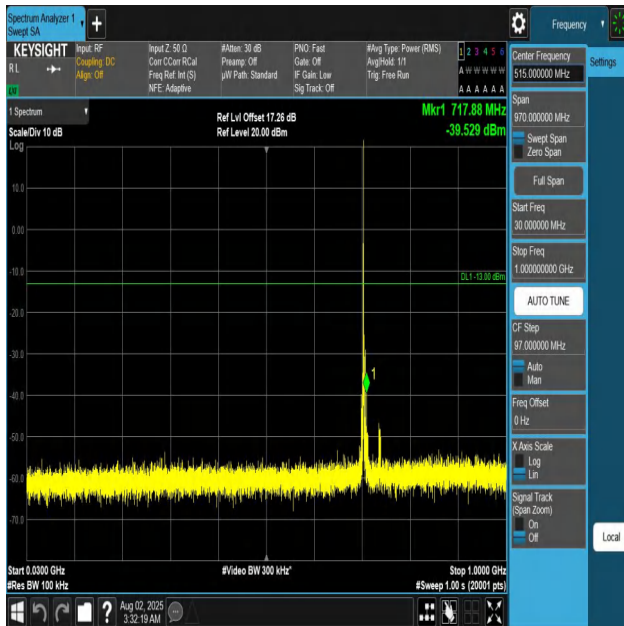
Band12-5MHz-QPSK-23035-1RB#0-3000~10000-PASS

Band12-5MHz-QPSK-23095-1RB#0-30~1000-PASS

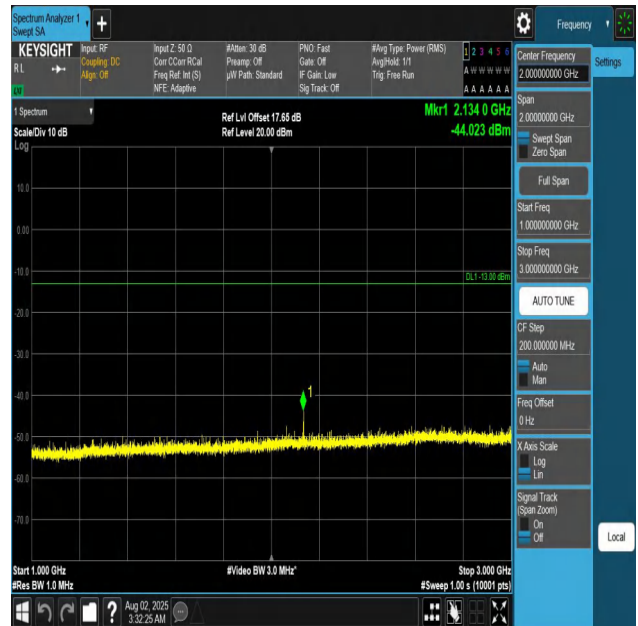


Band12-5MHz-QPSK-23095-1RB#0-1000~3000-PASS

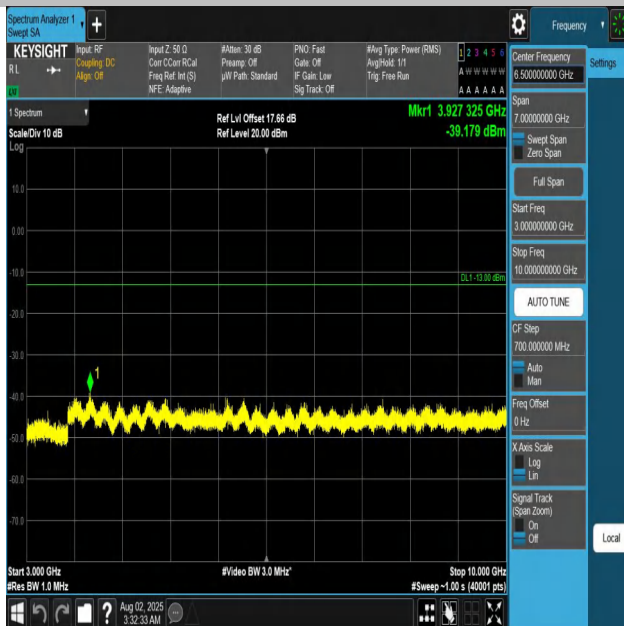
Band12-5MHz-QPSK-23095-1RB#0-3000~10000-PASS



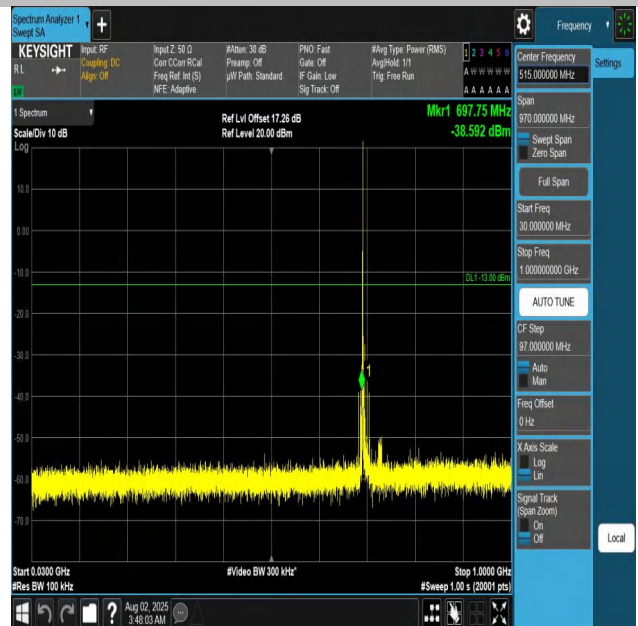
Band12-5MHz-QPSK-23155-1RB#0-30~1000-PASS



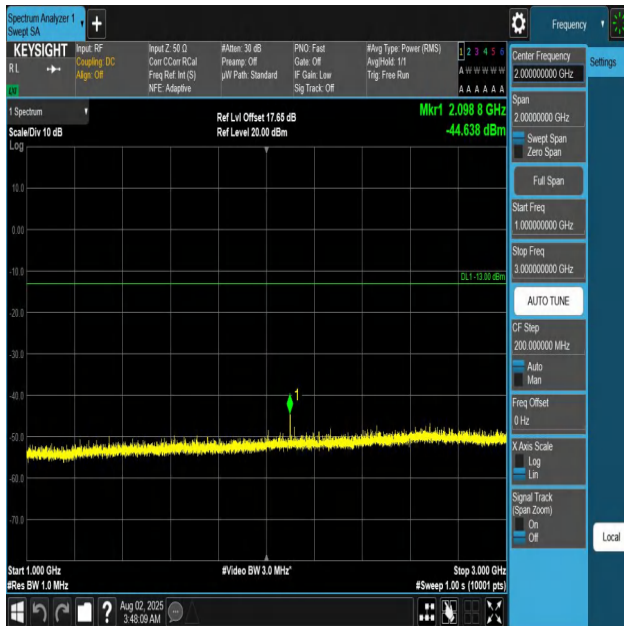
Band12-5MHz-QPSK-23155-1RB#0-1000~3000-PASS



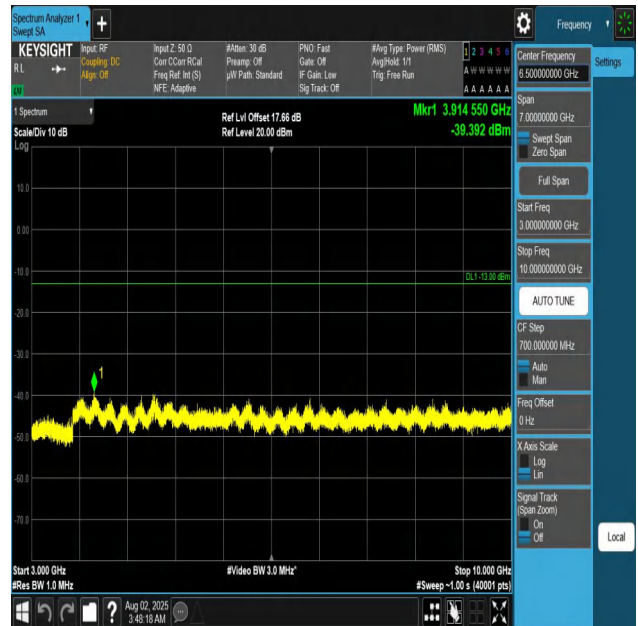
Band12-5MHz-QPSK-23155-1RB#0-3000~10000-PASS



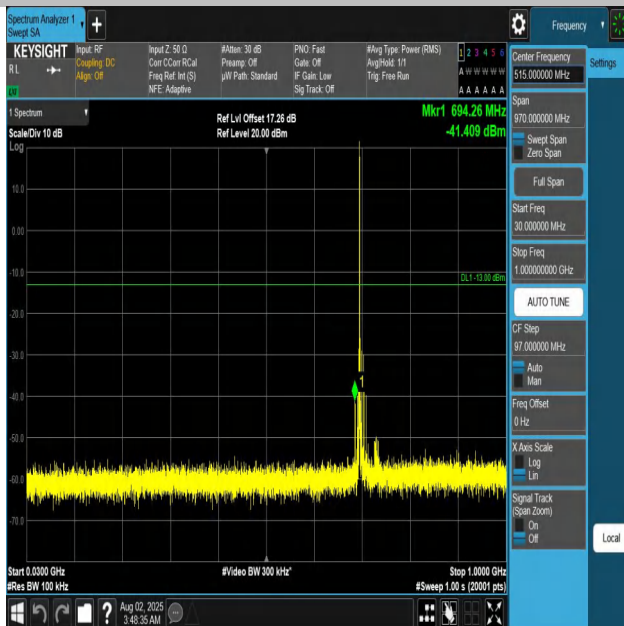
Band12-10MHz-QPSK-23060-1RB#0-30~1000-PASS



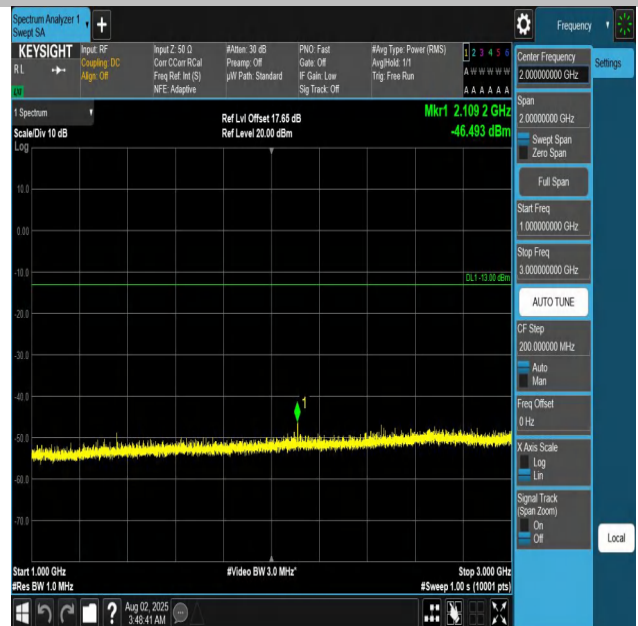
Band12-10MHz-QPSK-23060-1RB#0-1000~3000-PASS



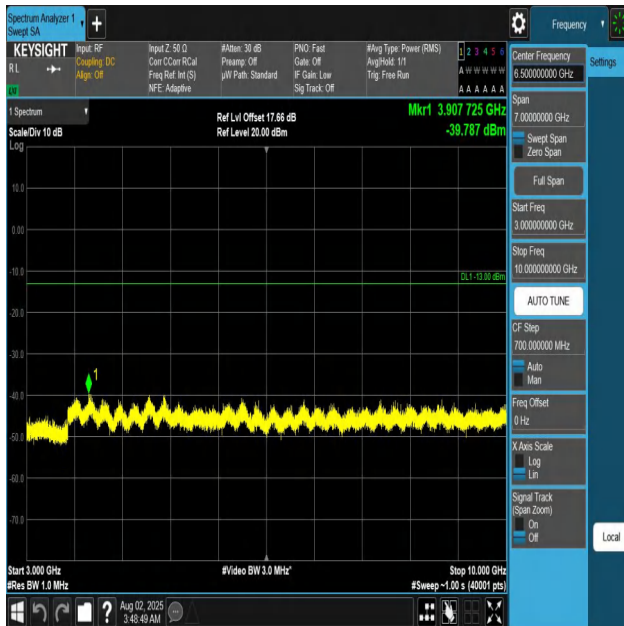
Band12-10MHz-QPSK-23060-1RB#0-3000~10000-PASS



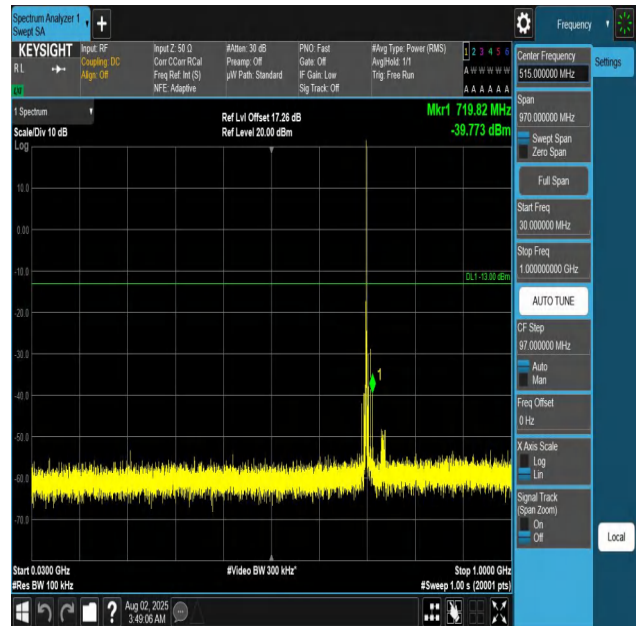
Band12-10MHz-QPSK-23095-1RB#0-30~1000-PASS



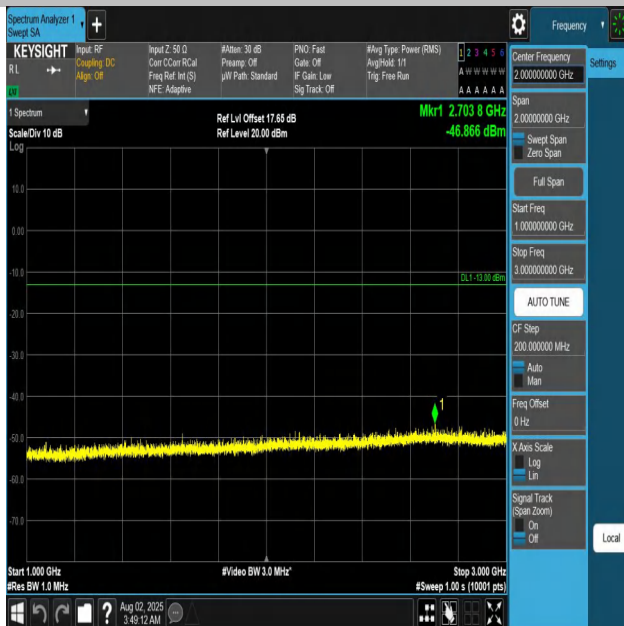
Band12-10MHz-QPSK-23095-1RB#0-1000~3000-PASS



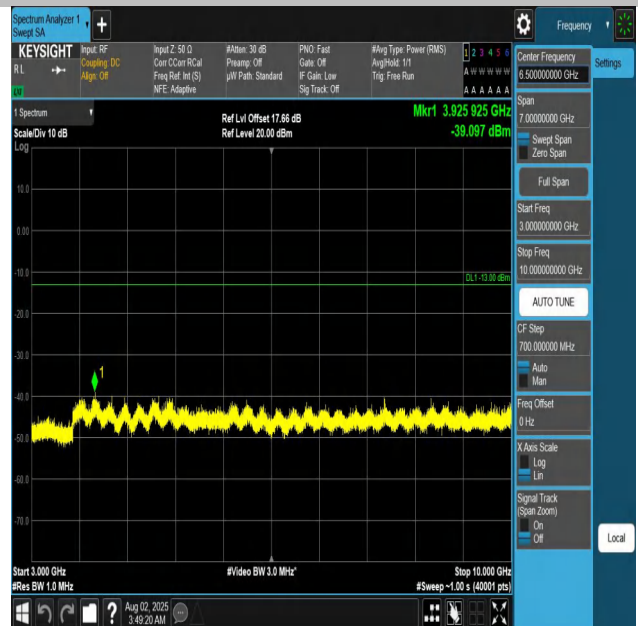
Band12-10MHz-QPSK-23095-1RB#0-3000~10000-PASS



Band12-10MHz-QPSK-23130-1RB#0-30~1000-PASS



Band12-10MHz-QPSK-23130-1RB#0-1000~3000-PASS



Band12-10MHz-QPSK-23130-1RB#0-3000~10000-PASS



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth h	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	VN	NT	520.00	0.743176	±NA	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VL	NT	-310.00	-0.443047	±NA	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VH	NT	170.00	0.242961	±NA	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VN	NT	-770.00	-1.088339	±NA	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VL	NT	-1610.00	-2.275618	±NA	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VH	NT	-1810.00	-2.558304	±NA	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VN	NT	-1080.00	-1.509856	±NA	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VL	NT	1330.00	1.859360	±NA	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VH	NT	80.00	0.111841	±NA	PASS
Band12	3MHz	QPSK	23025	15RB#0	VN	NT	690.00	0.985011	±NA	PASS
Band12	3MHz	QPSK	23025	15RB#0	VL	NT	1450.00	2.069950	±NA	PASS
Band12	3MHz	QPSK	23025	15RB#0	VH	NT	610.00	0.870807	±NA	PASS
Band12	3MHz	QPSK	23095	15RB#0	VN	NT	2050.00	2.897527	±NA	PASS
Band12	3MHz	QPSK	23095	15RB#0	VL	NT	1130.00	1.597173	±NA	PASS
Band12	3MHz	QPSK	23095	15RB#0	VH	NT	-90.00	-0.127208	±NA	PASS
Band12	3MHz	QPSK	23165	15RB#0	VN	NT	-1170.00	-1.637509	±NA	PASS
Band12	3MHz	QPSK	23165	15RB#0	VL	NT	-990.00	-1.385584	±NA	PASS
Band12	3MHz	QPSK	23165	15RB#0	VH	NT	-150.00	-0.209937	±NA	PASS
Band12	5MHz	QPSK	23035	25RB#0	VN	NT	3300.00	4.704205	±NA	PASS
Band12	5MHz	QPSK	23035	25RB#0	VL	NT	470.00	0.669993	±NA	PASS
Band12	5MHz	QPSK	23035	25RB#0	VH	NT	490.00	0.698503	±NA	PASS
Band12	5MHz	QPSK	23095	25RB#0	VN	NT	-10.00	-0.014134	±NA	PASS
Band12	5MHz	QPSK	23095	25RB#0	VL	NT	-190.00	-0.268551	±NA	PASS
Band12	5MHz	QPSK	23095	25RB#0	VH	NT	-2370.00	-3.349823	±NA	PASS
Band12	5MHz	QPSK	23155	25RB#0	VN	NT	-5200.00	-7.288017	±NA	PASS
Band12	5MHz	QPSK	23155	25RB#0	VL	NT	-2260.00	-3.167484	±NA	PASS
Band12	5MHz	QPSK	23155	25RB#0	VH	NT	-6990.00	-9.796776	±NA	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	8780.00	12.471591	±NA	PASS
Band12	10MHz	QPSK	23060	50RB#0	VL	NT	5610.00	7.968750	±NA	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	9960.00	14.147727	±NA	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-5140.00	-7.265018	±NA	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-5980.00	-8.452297	±NA	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-4950.00	-6.996466	±NA	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	1470.00	2.067511	±NA	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	1960.00	2.756681	±NA	PASS



Band12	10MHz	QPSK	23130	50RB#0	VH	NT	2970.00	4.177215	±NA	PASS
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Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-30	1230.00	1.757896	±NA	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-20	490.00	0.700300	±NA	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-10	-140.00	-0.200086	±NA	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	0	720.00	1.029012	±NA	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	10	470.00	0.671716	±NA	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	20	-30.00	-0.042876	±NA	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	30	650.00	0.928970	±NA	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	40	40.00	0.057167	±NA	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	50	400.00	0.571674	±NA	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-30	-2430.00	-3.434629	±NA	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-20	-1370.00	-1.936396	±NA	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-10	-1260.00	-1.780919	±NA	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	-1940.00	-2.742049	±NA	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	10	-1950.00	-2.756184	±NA	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	20	-2130.00	-3.010601	±NA	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	30	-2080.00	-2.939929	±NA	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	40	-1710.00	-2.416961	±NA	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	50	-1620.00	-2.289753	±NA	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-30	-990.00	-1.384035	±NA	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-20	-1220.00	-1.705578	±NA	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-10	-1040.00	-1.453935	±NA	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	0	230.00	0.321543	±NA	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	10	-630.00	-0.880749	±NA	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	20	-210.00	-0.293583	±NA	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	30	-1420.00	-1.985181	±NA	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	40	-650.00	-0.908710	±NA	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	50	1020.00	1.425975	±NA	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-30	1740.00	2.483940	±NA	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-20	1860.00	2.655246	±NA	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-10	1670.00	2.384011	±NA	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	0	1360.00	1.941470	±NA	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	10	1930.00	2.755175	±NA	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	20	2180.00	3.112063	±NA	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	30	1240.00	1.770164	±NA	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	40	980.00	1.399001	±NA	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	50	1780.00	2.541042	±NA	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-30	790.00	1.116608	±NA	PASS



Band12	3MHz	QPSK	23095	15RB#0	NV	-20	1470.00	2.077739	±NA	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-10	2030.00	2.869258	±NA	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	0	310.00	0.438163	±NA	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	10	-150.00	-0.212014	±NA	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	20	1750.00	2.473498	±NA	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	30	1600.00	2.261484	±NA	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	40	1760.00	2.487633	±NA	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	50	1740.00	2.459364	±NA	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-30	1250.00	1.749475	±NA	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-20	590.00	0.825752	±NA	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-10	770.00	1.077677	±NA	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	0	400.00	0.559832	±NA	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	10	-660.00	-0.923723	±NA	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	20	2490.00	3.484955	±NA	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	30	-1320.00	-1.847446	±NA	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	40	2800.00	3.918824	±NA	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	50	680.00	0.951714	±NA	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-30	-290.00	-0.413400	±NA	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-20	1550.00	2.209551	±NA	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-10	2070.00	2.950820	±NA	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	0	1900.00	2.708482	±NA	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	10	1270.00	1.810406	±NA	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	20	150.00	0.213828	±NA	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	30	470.00	0.669993	±NA	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	40	3220.00	4.590164	±NA	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	50	4470.00	6.372060	±NA	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-30	540.00	0.763251	±NA	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-20	-2310.00	-3.265018	±NA	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-10	-410.00	-0.579505	±NA	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	0	-1160.00	-1.639576	±NA	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	10	-1150.00	-1.625442	±NA	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	20	-1370.00	-1.936396	±NA	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	30	-2050.00	-2.897527	±NA	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	40	-2590.00	-3.660777	±NA	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	50	-2380.00	-3.363958	±NA	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-30	-2040.00	-2.859145	±NA	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-20	-510.00	-0.714786	±NA	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-10	-3080.00	-4.316748	±NA	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	0	-5670.00	-7.946741	±NA	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	10	-2100.00	-2.943238	±NA	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	20	-3010.00	-4.218641	±NA	PASS



Band12	5MHz	QPSK	23155	25RB#0	NV	30	-3760.00	-5.269797	±NA	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	40	-2590.00	-3.629993	±NA	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	50	-3690.00	-5.171689	±NA	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-30	11000.00	15.625000	±NA	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	7080.00	10.056818	±NA	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-10	9680.00	13.750000	±NA	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	9360.00	13.295455	±NA	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	7400.00	10.511364	±NA	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	9110.00	12.940341	±NA	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	30	11360.00	16.136364	±NA	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	14110.00	20.042614	±NA	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	10830.00	15.383523	±NA	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	-1800.00	-2.544170	±NA	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-2740.00	-3.872792	±NA	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	440.00	0.621908	±NA	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-3910.00	-5.526502	±NA	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-80.00	-0.113074	±NA	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-2950.00	-4.169611	±NA	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-2330.00	-3.293286	±NA	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-1890.00	-2.671378	±NA	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	-2580.00	-3.646643	±NA	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	1570.00	2.208158	±NA	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	6700.00	9.423347	±NA	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-10	1610.00	2.264416	±NA	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	3610.00	5.077356	±NA	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	-3490.00	-4.908579	±NA	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	5180.00	7.285513	±NA	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	3260.00	4.585091	±NA	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	1190.00	1.673699	±NA	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	50	3880.00	5.457103	±NA	PASS

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