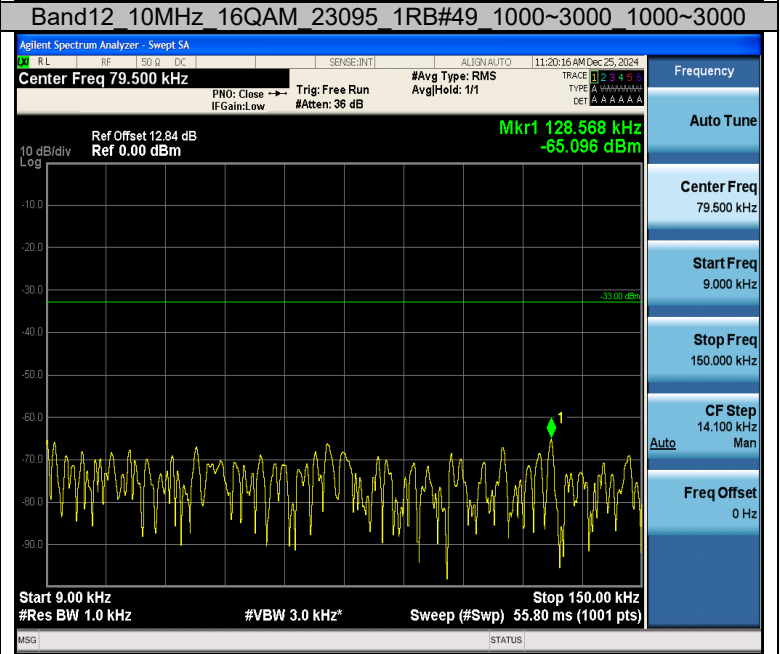
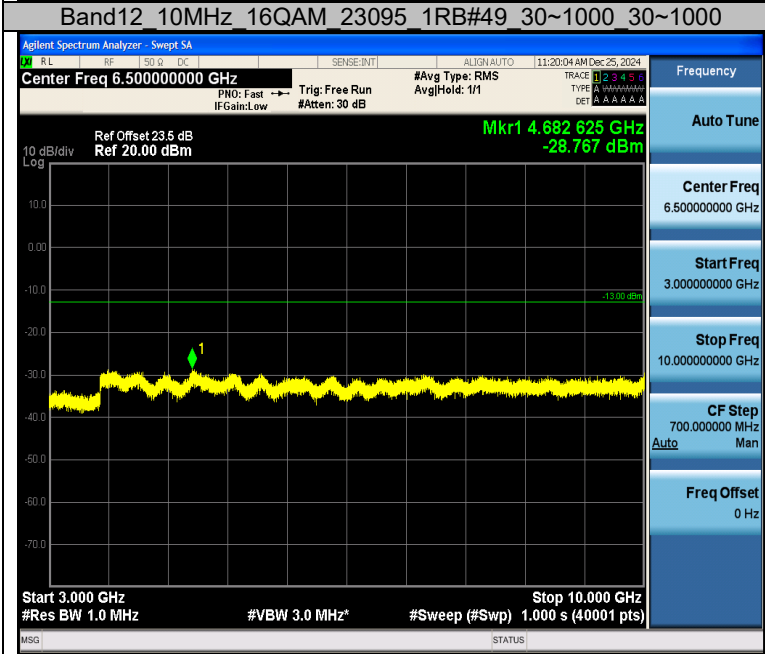
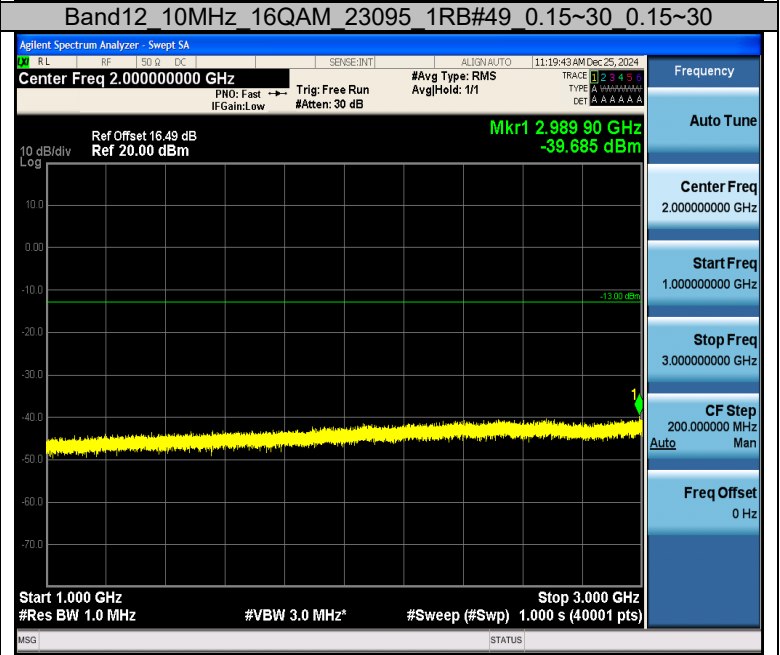
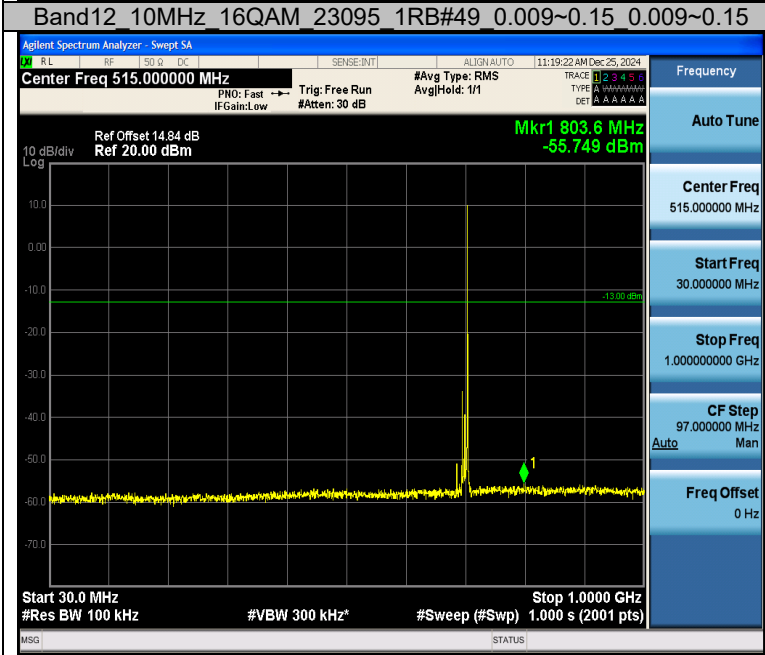
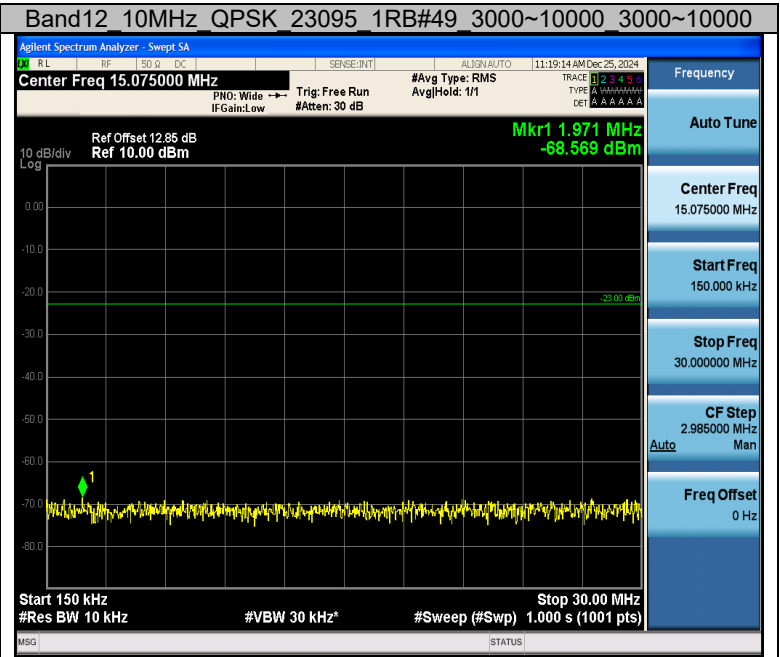
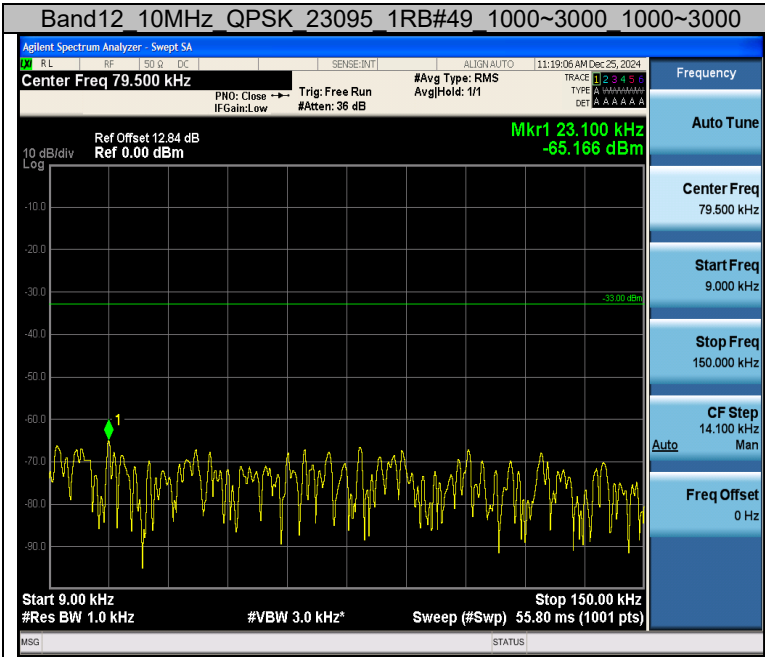
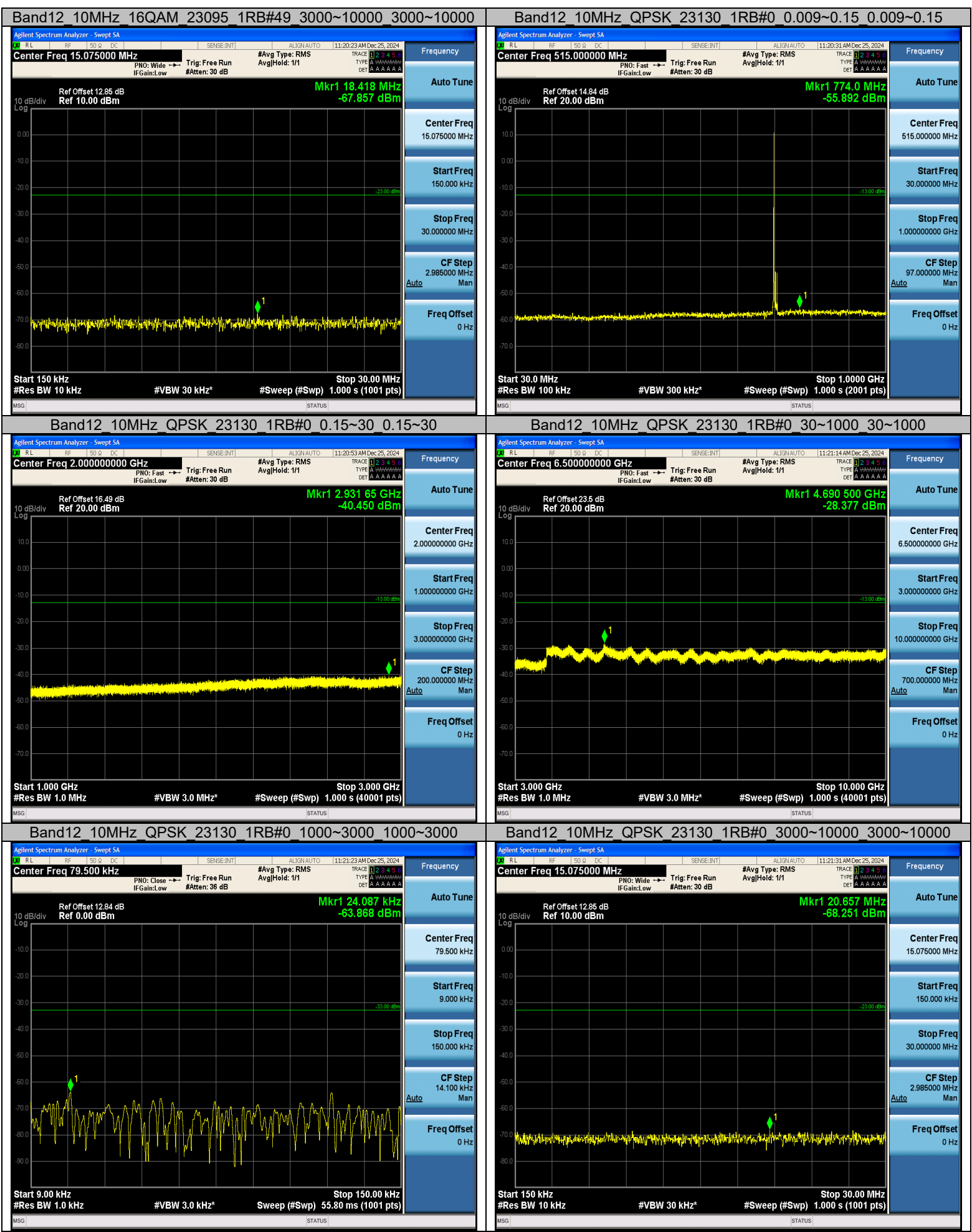
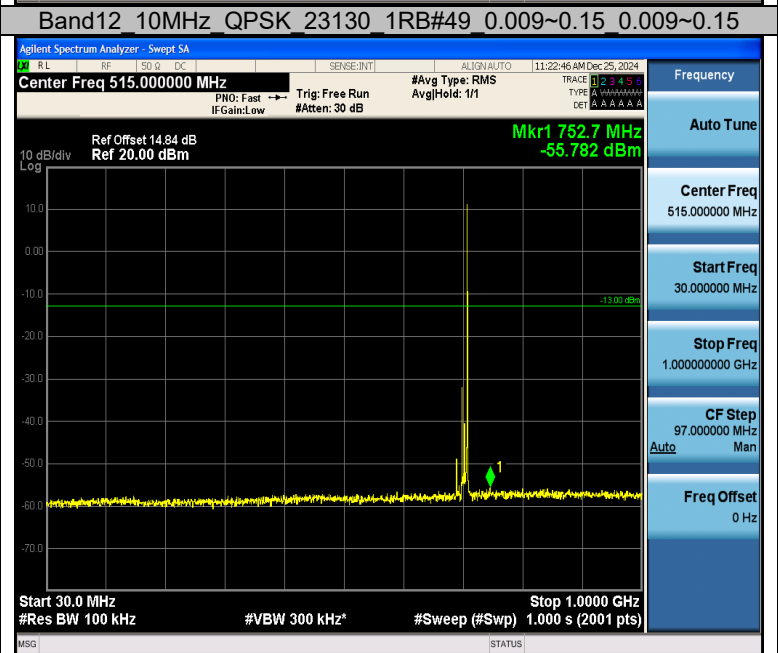
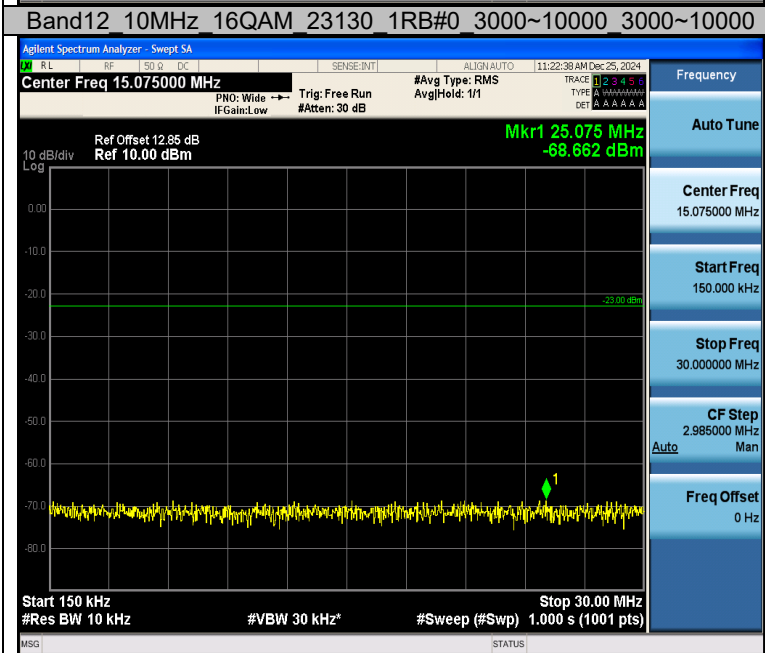
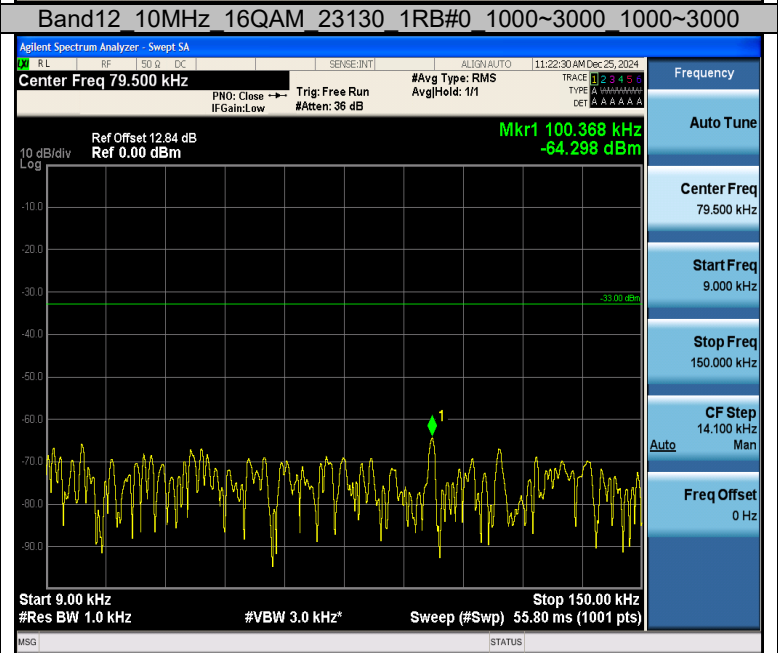
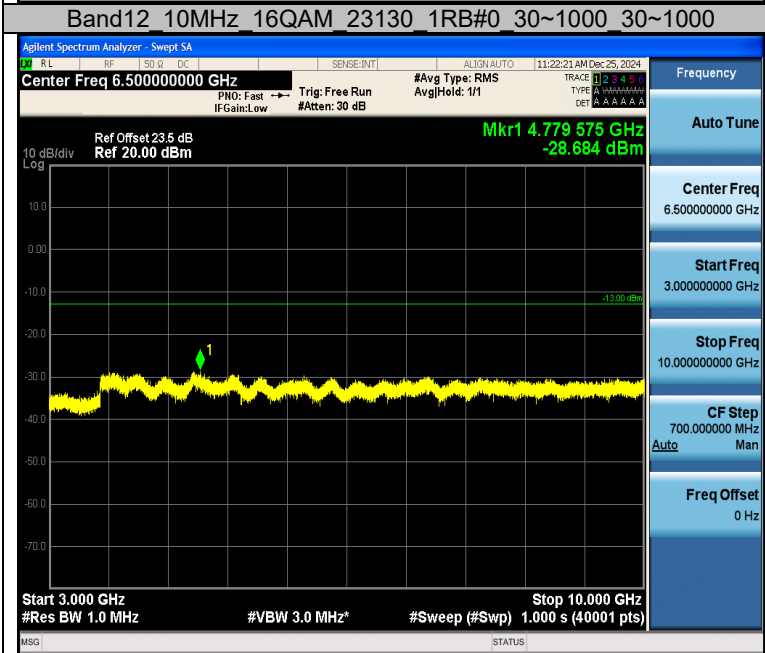
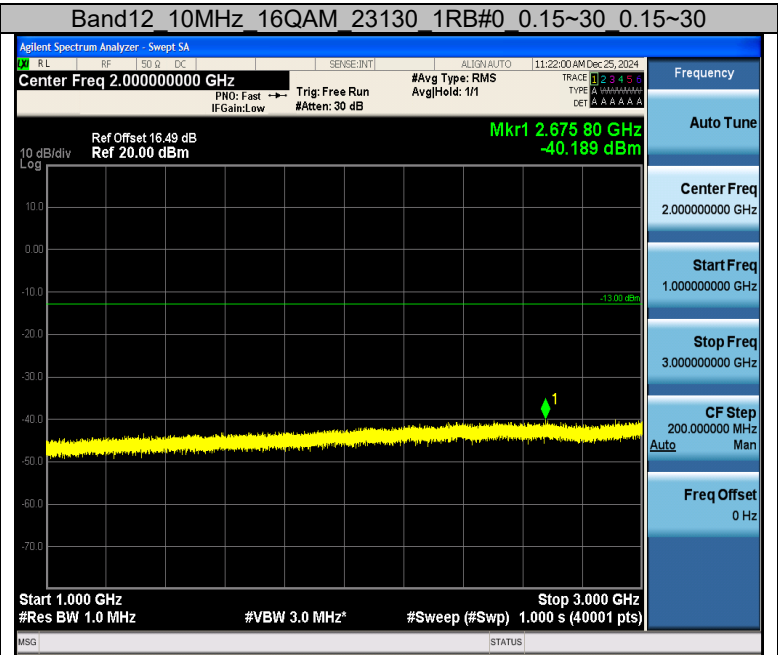
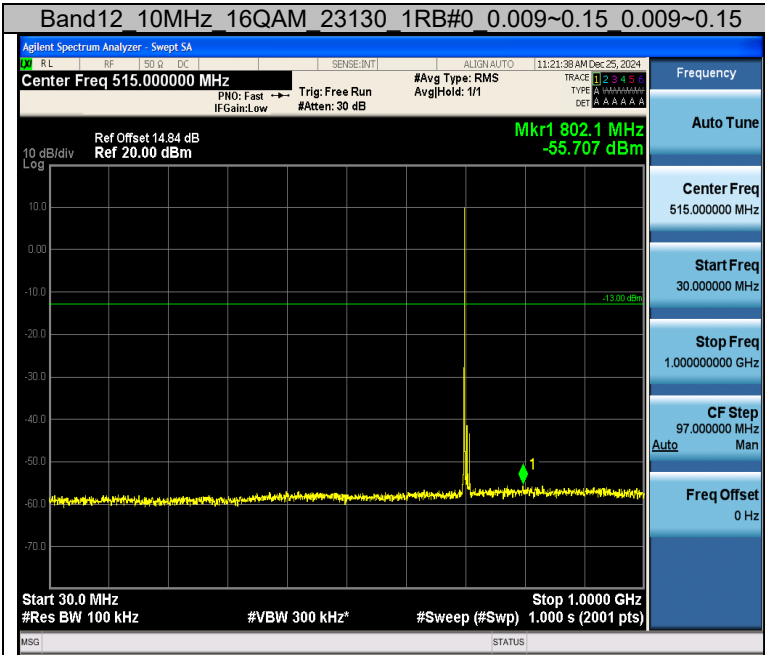
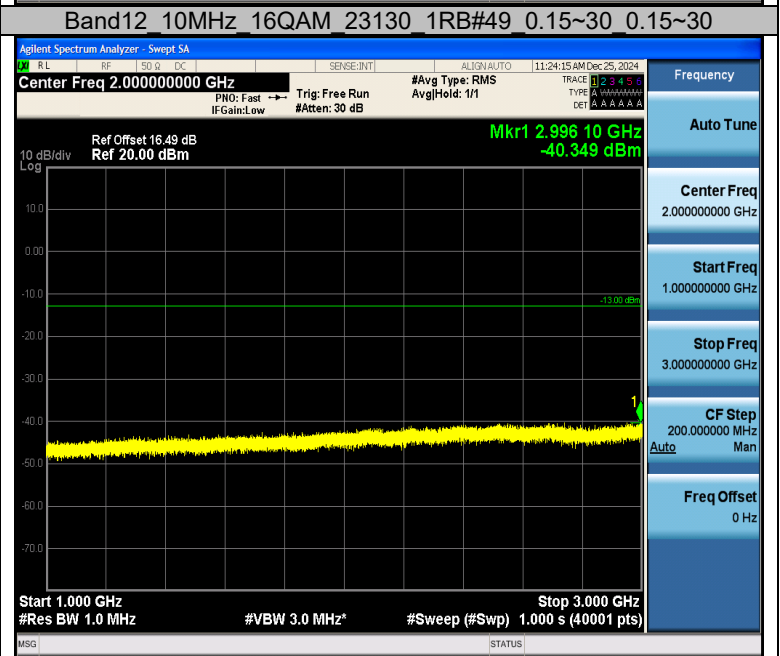
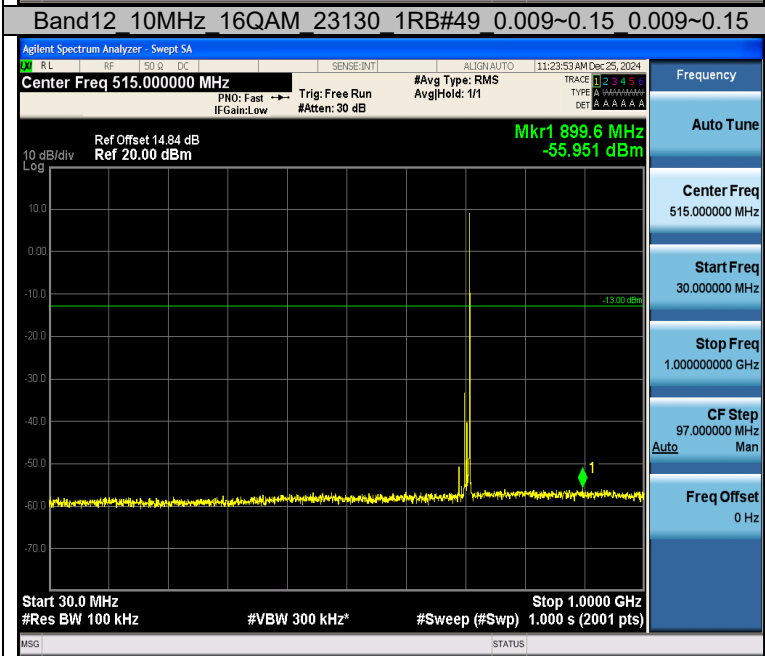
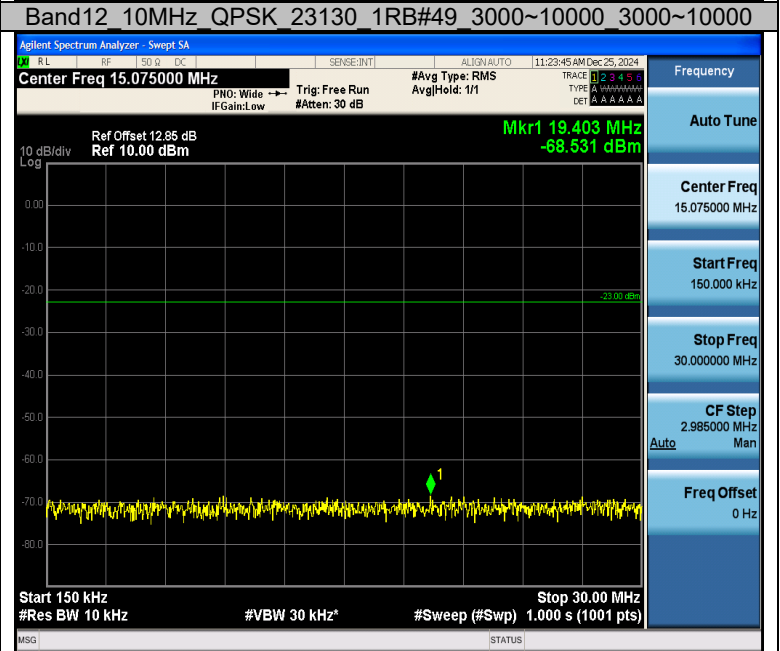
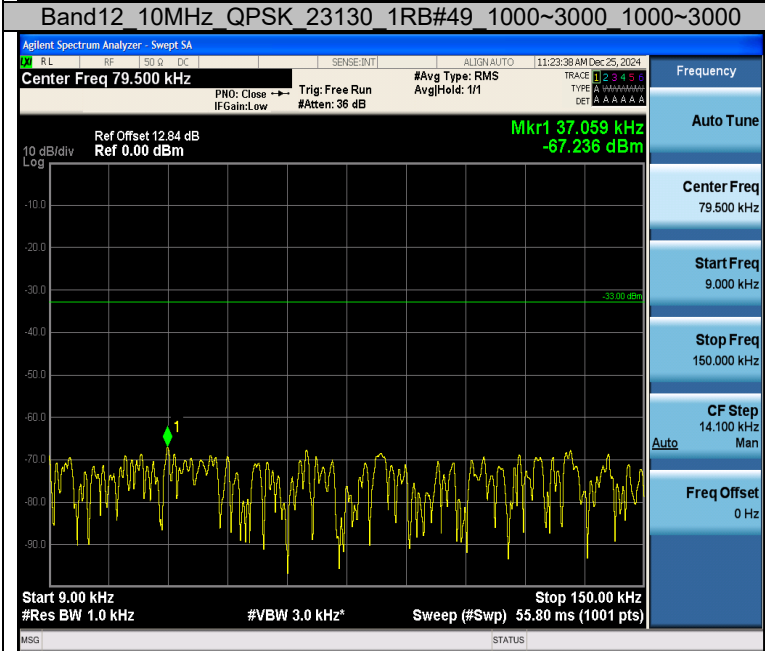
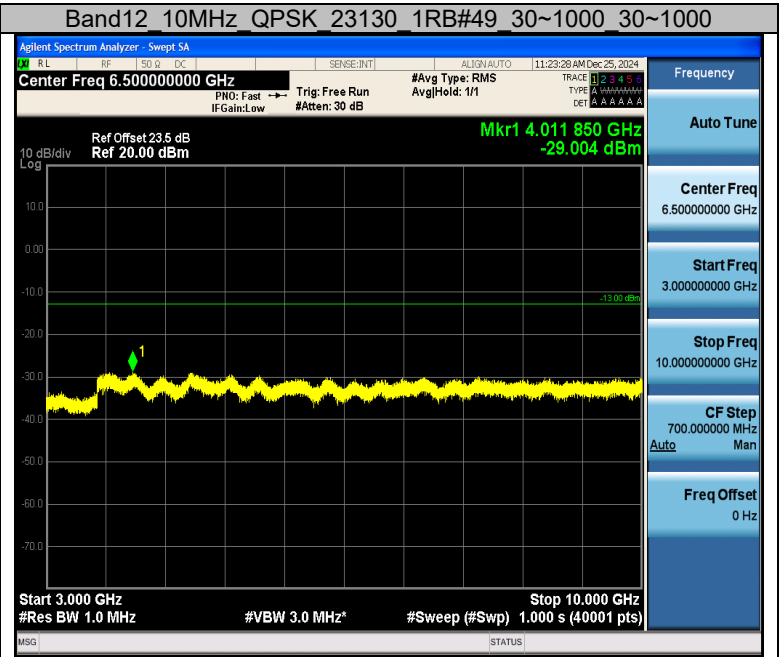
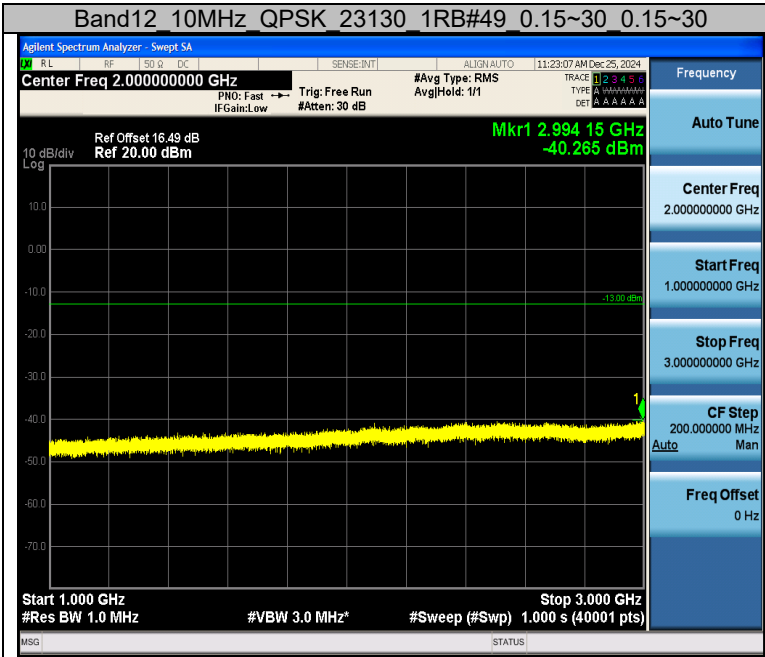
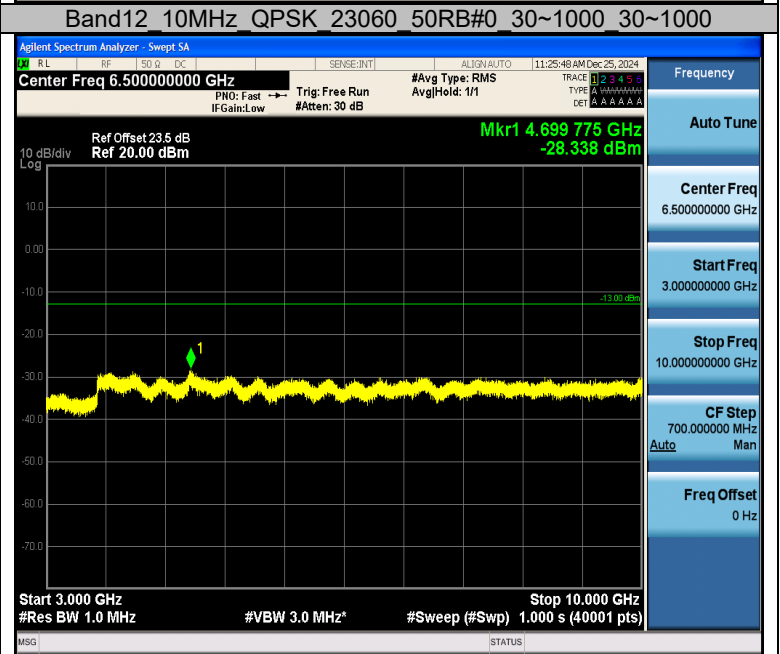
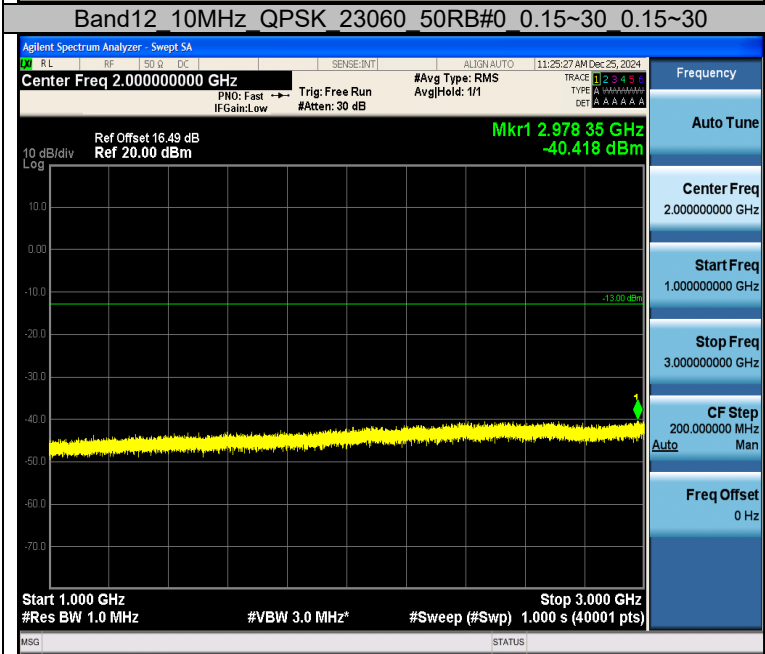
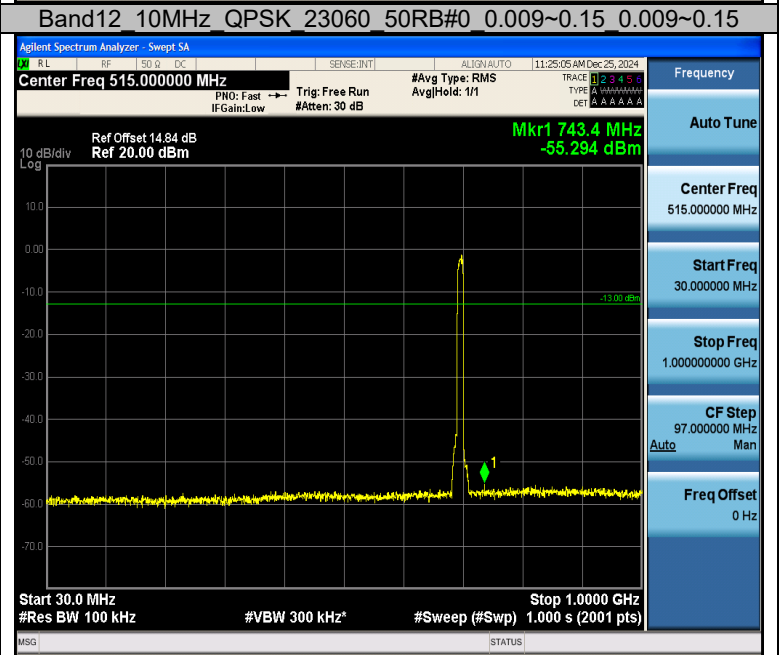
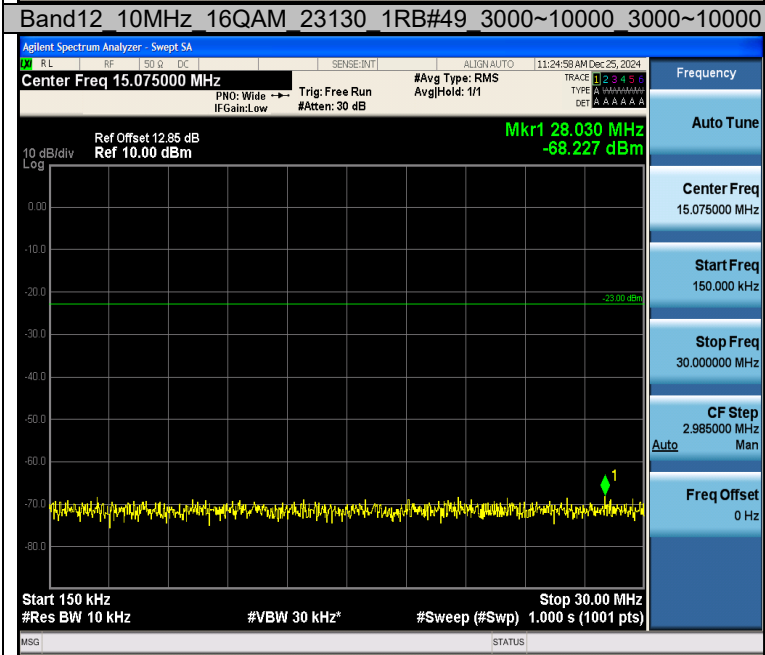
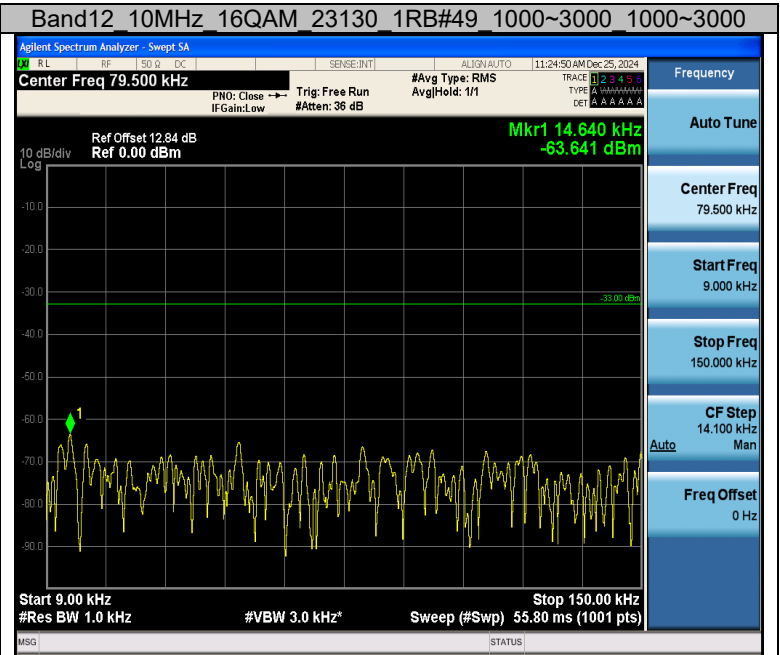
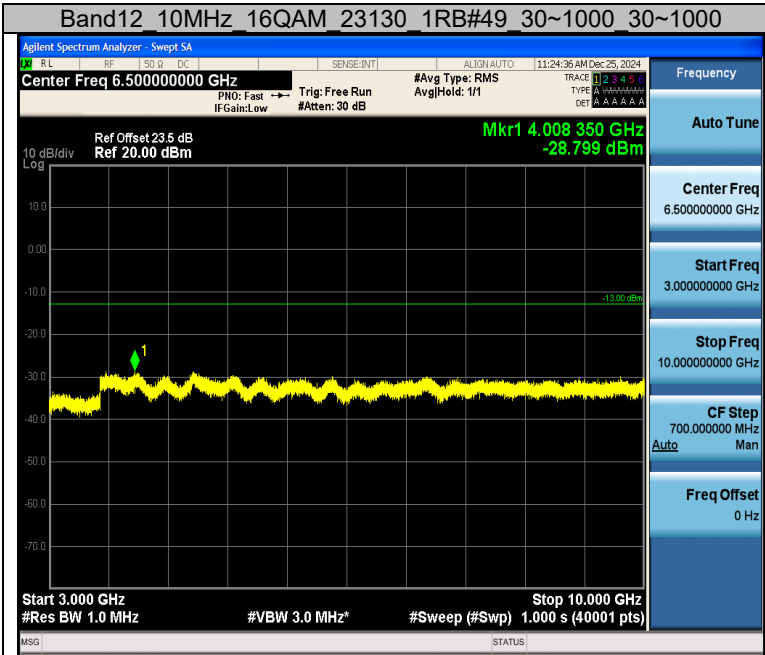


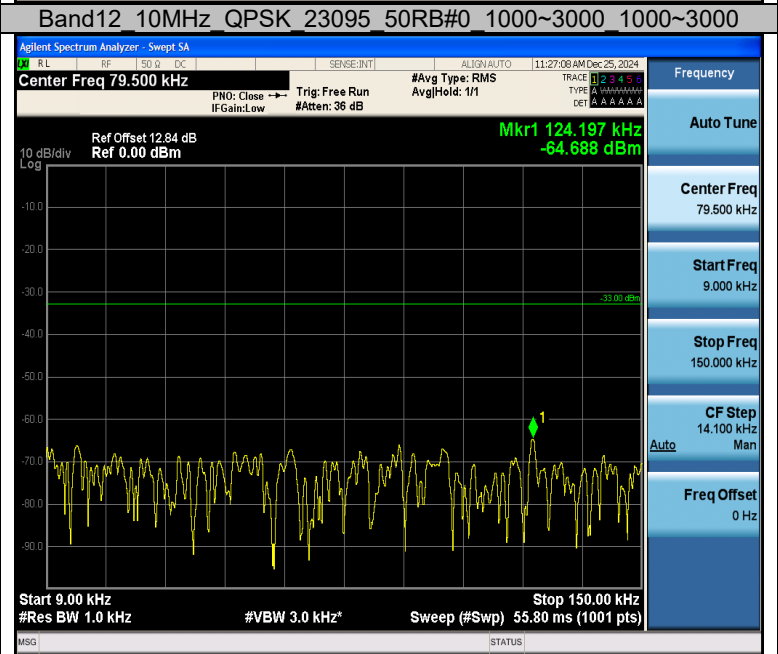
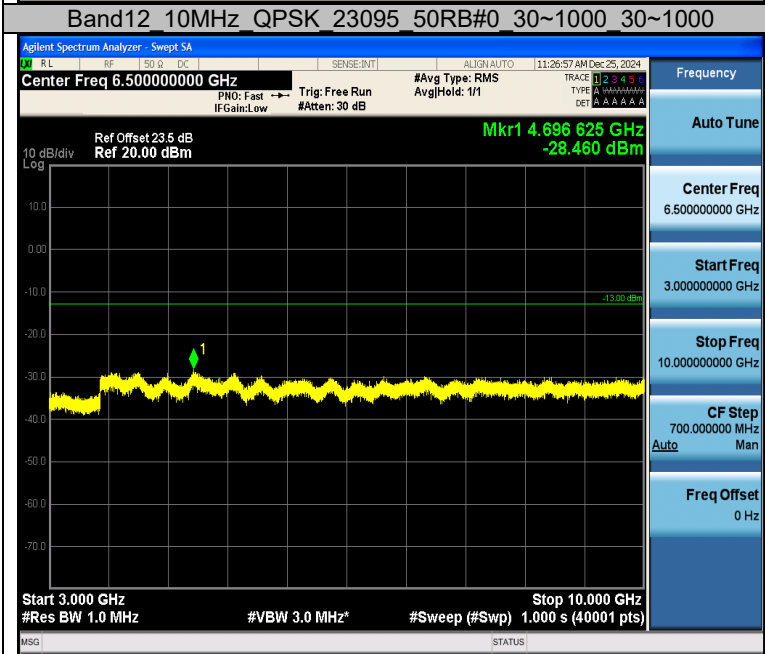
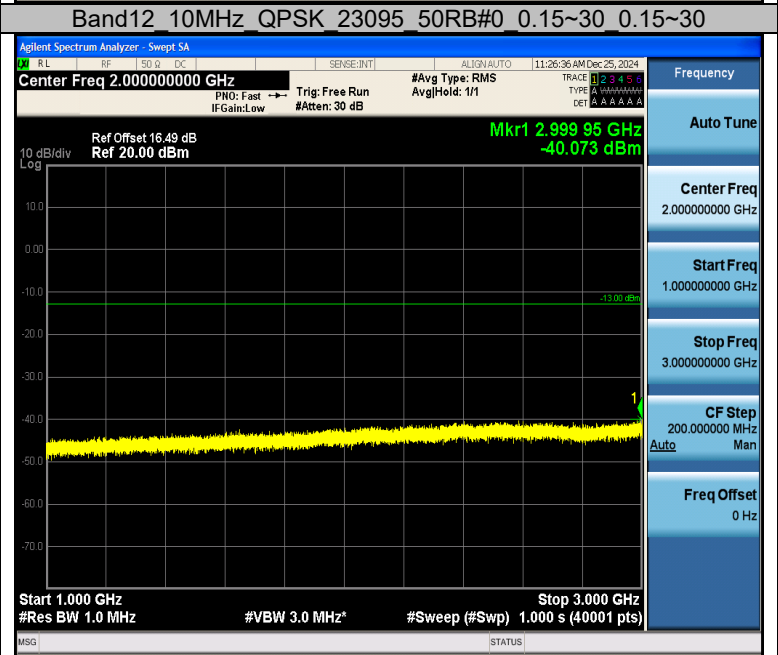
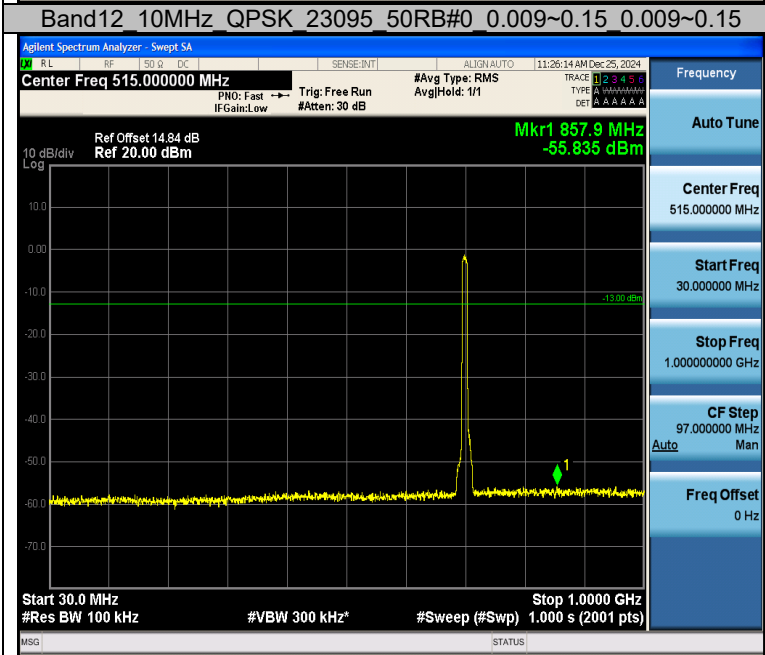
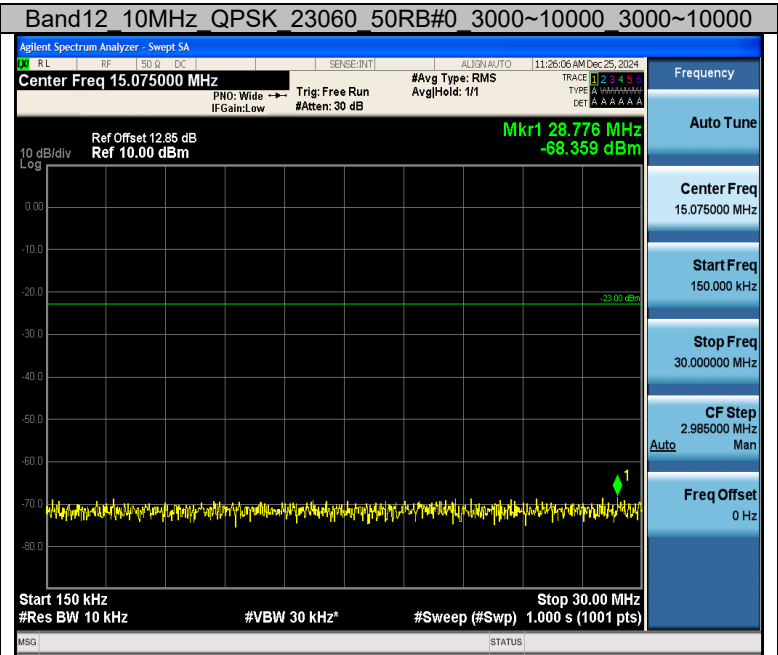
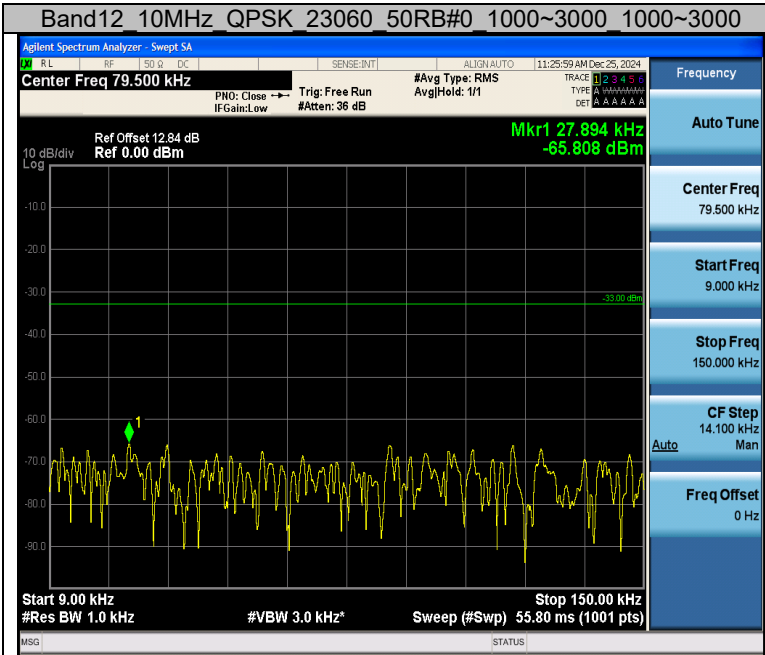




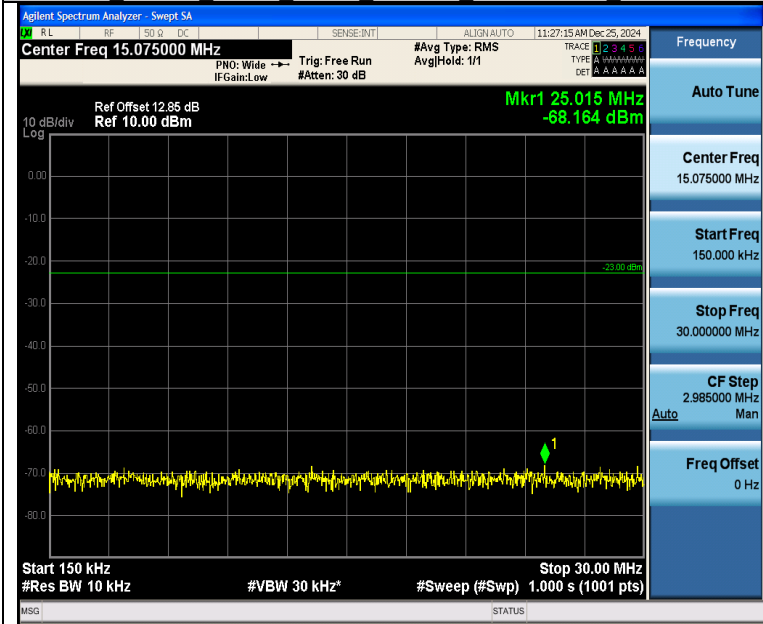




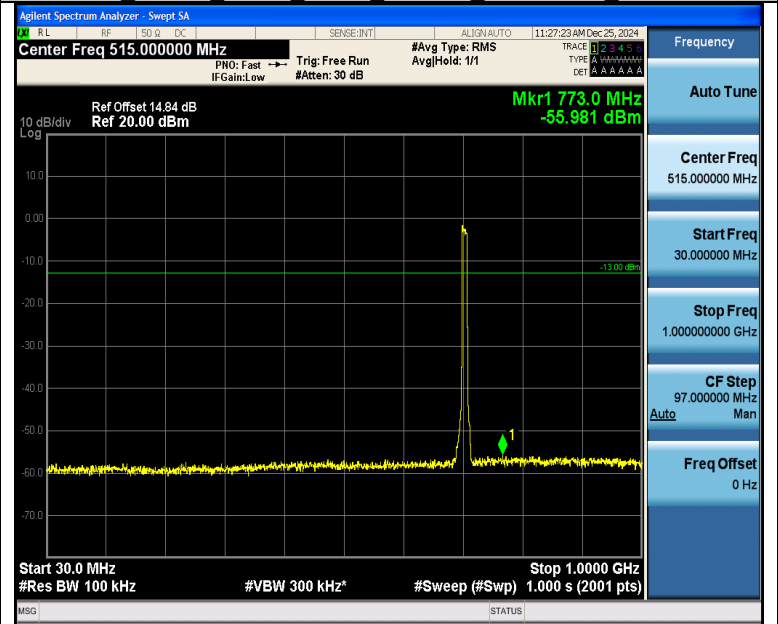




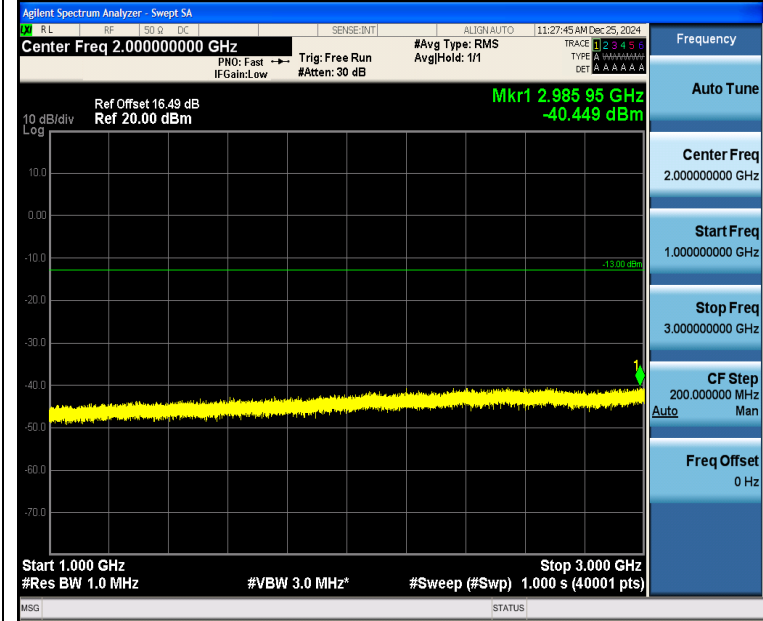
Band12 10MHz QPSK 23095 50RB#0 3000~10000 3000~10000



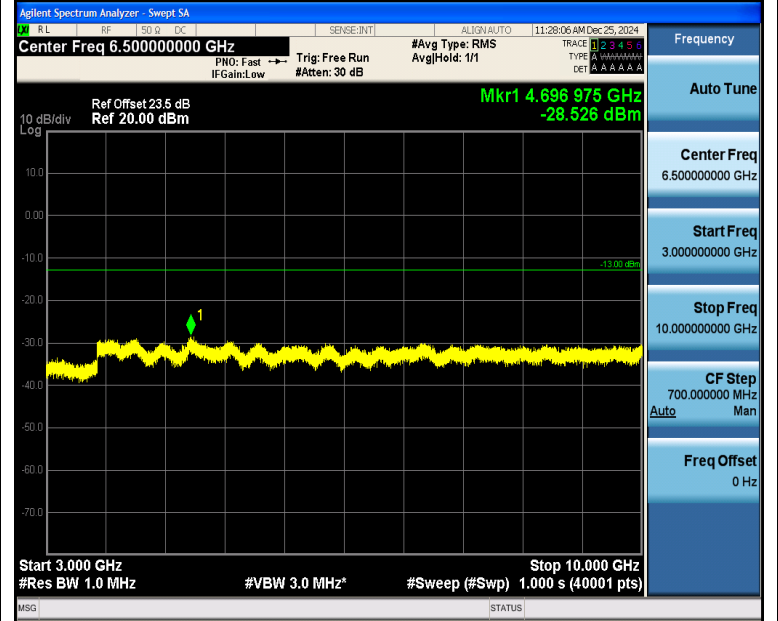
Band12 10MHz QPSK 23130 50RB#0 0.009~0.15 0.009~0.15



Band12 10MHz QPSK 23130 50RB#0 0.15~30 0.15~30



Band12 10MHz QPSK 23130 50RB#0 30~1000 30~1000



Band12 10MHz QPSK 23130 50RB#0 1000~3000 1000~3000

Band12 10MHz QPSK 23130 50RB#0 3000~10000 3000~10000

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	VN	NT	1.99	0.002844	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VL	NT	-2.69	-0.003845	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VH	NT	-2.33	-0.003330	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VN	NT	-2.42	-0.003459	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VL	NT	-2.25	-0.003216	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VH	NT	2.13	0.003044	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VN	NT	-2.62	-0.003703	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VL	NT	-1.53	-0.002163	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VH	NT	-1.26	-0.001781	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VN	NT	-2.82	-0.003986	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VL	NT	-2.07	-0.002926	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VH	NT	-1.77	-0.002502	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VN	NT	-4.02	-0.005620	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VL	NT	-2.95	-0.004124	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VH	NT	2.72	0.003803	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VN	NT	1.77	0.002474	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VL	NT	2.59	0.003621	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VH	NT	-3.19	-0.004460	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VN	NT	-2.96	-0.004226	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VL	NT	1.82	0.002598	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VH	NT	-3.20	-0.004568	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VN	NT	-2.05	-0.002926	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VL	NT	-2.83	-0.004040	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VH	NT	-3.19	-0.004554	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VN	NT	-4.03	-0.005696	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VL	NT	14.46	0.020438	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VH	NT	-1.62	-0.002290	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VN	NT	-2.96	-0.004184	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VL	NT	-3.15	-0.004452	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VH	NT	-2.32	-0.003279	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VN	NT	1.95	0.002729	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VL	NT	2.10	0.002939	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VH	NT	1.77	0.002477	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VN	NT	-2.19	-0.003065	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VL	NT	-3.13	-0.004381	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VH	NT	-2.05	-0.002869	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VN	NT	-2.07	-0.002951	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VL	NT	-3.36	-0.004790	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VH	NT	-1.92	-0.002737	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VN	NT	-2.40	-0.003421	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VL	NT	-2.00	-0.002851	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VH	NT	-2.37	-0.003378	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VN	NT	-3.38	-0.004777	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VL	NT	-3.10	-0.004382	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VH	NT	-2.25	-0.003180	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VN	NT	-2.33	-0.003293	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VL	NT	2.69	0.003802	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VH	NT	2.29	0.003237	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VN	NT	-3.26	-0.004569	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VL	NT	-3.00	-0.004205	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VH	NT	1.90	0.002663	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VN	NT	-2.49	-0.003490	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VL	NT	-1.49	-0.002088	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VH	NT	-1.90	-0.002663	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	2.80	0.003977	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VL	NT	-3.12	-0.004432	±2.5	PASS

Band12	10MHz	QPSK	23060	50RB#0	VH	NT	-10.41	-0.014787	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-3.25	-0.004594	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	1.90	0.002686	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-3.35	-0.004735	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	-4.82	-0.006779	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-2.52	-0.003544	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	1.19	0.001674	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-30	-2.88	-0.004116	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-20	-2.29	-0.003273	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-10	-3.79	-0.005417	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	0	1.67	0.002387	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	10	-4.45	-0.006360	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	20	2.07	0.002958	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	30	-4.03	-0.005760	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	40	-2.16	-0.003087	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	50	-2.46	-0.003516	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-30	-3.03	-0.004330	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-20	-3.00	-0.004288	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-10	-3.79	-0.005417	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	0	-2.95	-0.004216	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	10	-3.26	-0.004659	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	20	-2.46	-0.003516	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	30	7.72	0.011033	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	40	-3.76	-0.005374	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	50	-1.86	-0.002658	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-30	-1.90	-0.002686	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-20	1.56	0.002205	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-10	-2.42	-0.003420	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	-2.45	-0.003463	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	10	1.66	0.002346	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	20	4.09	0.005781	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	30	-3.59	-0.005074	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	40	-3.65	-0.005159	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	50	0.87	0.001230	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-30	-2.65	-0.003746	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-20	-3.40	-0.004806	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-10	1.53	0.002163	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	0	-2.00	-0.002827	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	10	-2.20	-0.003110	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	20	-1.44	-0.002035	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	30	-2.90	-0.004099	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	40	10.60	0.014982	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	50	-5.35	-0.007562	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-30	-2.20	-0.003076	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-20	-2.10	-0.002936	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-10	-2.53	-0.003537	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	0	-2.09	-0.002922	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	10	-2.98	-0.004166	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	20	-3.69	-0.005159	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	30	-2.39	-0.003341	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	40	-4.23	-0.005914	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	50	-1.90	-0.002656	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-30	-2.05	-0.002866	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-20	-2.92	-0.004082	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-10	-13.29	-0.018580	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	0	1.53	0.002139	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	10	-1.83	-0.002558	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	20	2.65	0.003705	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	30	2.27	0.003173	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	40	1.63	0.002279	±2.5	PASS

Band12	1.4MHz	16QAM	23173	6RB#0	NV	50	-2.46	-0.003439	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-30	-2.93	-0.004183	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-20	-4.11	-0.005867	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-10	-2.88	-0.004111	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	0	-3.59	-0.005125	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	10	1.39	0.001984	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	20	-3.63	-0.005182	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	30	-3.32	-0.004739	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	40	-4.41	-0.006296	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	50	-3.42	-0.004882	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-30	-4.96	-0.007081	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-20	-2.95	-0.004211	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-10	-3.19	-0.004554	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	0	-3.82	-0.005453	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	10	-3.45	-0.004925	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	20	-3.19	-0.004554	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	30	-1.89	-0.002698	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	40	-3.52	-0.005025	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	50	-4.39	-0.006267	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-30	-1.93	-0.002728	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-20	1.40	0.001979	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-10	1.62	0.002290	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	0	-2.17	-0.003067	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	10	-3.65	-0.005159	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	20	1.46	0.002064	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	30	-3.23	-0.004565	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	40	-1.92	-0.002714	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	50	-15.45	-0.021837	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-30	2.47	0.003491	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-20	-2.25	-0.003180	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-10	-3.09	-0.004367	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	0	-2.09	-0.002954	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	10	-2.69	-0.003802	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	20	-3.53	-0.004989	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	30	-1.76	-0.002488	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	40	-2.63	-0.003717	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	50	2.85	0.004028	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-30	2.80	0.003919	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-20	2.33	0.003261	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-10	1.03	0.001442	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	0	-1.67	-0.002337	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	10	-2.63	-0.003681	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	20	3.09	0.004325	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	30	3.72	0.005206	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	40	1.99	0.002785	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	50	-4.76	-0.006662	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-30	9.91	0.013870	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-20	-2.60	-0.003639	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-10	2.42	0.003387	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	0	-2.23	-0.003121	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	10	-2.68	-0.003751	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	20	-3.16	-0.004423	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	30	-2.82	-0.003947	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	40	-2.85	-0.003989	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	50	-4.91	-0.006872	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-30	2.42	0.003450	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-20	-1.96	-0.002794	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-10	-2.98	-0.004248	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	0	2.83	0.004034	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	10	-2.53	-0.003607	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	20	1.87	0.002666	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	30	-1.49	-0.002124	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	40	-1.80	-0.002566	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	50	-1.47	-0.002096	±2.5	PASS

Band12	5MHz	16QAM	23035	25RB#0	NV	-30	-2.90	-0.004134	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-20	-3.55	-0.005061	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-10	-2.39	-0.003407	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	0	-4.48	-0.006386	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	10	-3.89	-0.005545	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	20	-4.94	-0.007042	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	30	-2.20	-0.003136	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	40	-9.48	-0.013514	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	50	-3.81	-0.005431	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-30	-2.47	-0.003491	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-20	-2.88	-0.004071	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-10	-2.13	-0.003011	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	0	3.49	0.004933	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	10	-1.46	-0.002064	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	20	-2.29	-0.003237	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	30	-2.22	-0.003138	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	40	-2.27	-0.003208	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	50	-2.00	-0.002827	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-30	-1.66	-0.002346	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-20	-2.53	-0.003576	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-10	-3.08	-0.004353	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	0	-2.15	-0.003039	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	10	-1.37	-0.001936	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	20	-3.26	-0.004608	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	30	-2.26	-0.003194	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	40	-2.65	-0.003746	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	50	2.23	0.003152	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-30	1.36	0.001906	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-20	-3.10	-0.004345	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-10	1.52	0.002130	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	0	-2.98	-0.004177	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	10	-2.22	-0.003111	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	20	-2.25	-0.003153	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	30	-1.80	-0.002523	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	40	1.49	0.002088	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	50	2.13	0.002985	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-30	-2.29	-0.003210	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-20	-4.06	-0.005690	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-10	-2.47	-0.003462	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	0	-2.09	-0.002929	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	10	-2.88	-0.004036	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	20	-2.68	-0.003756	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	30	-4.29	-0.006013	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	40	-3.06	-0.004289	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	50	-1.52	-0.002130	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-30	-1.82	-0.002585	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	-5.44	-0.007727	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-10	1.65	0.002344	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	-3.68	-0.005227	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	1.80	0.002557	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	3.13	0.004446	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	30	2.20	0.003125	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	1.27	0.001804	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	2.16	0.003068	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	-2.13	-0.003011	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-13.42	-0.018968	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	-1.79	-0.002530	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	6.94	0.009809	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	1.52	0.002148	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-3.02	-0.004269	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-3.42	-0.004834	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-4.23	-0.005979	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	12.37	0.017484	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	-2.23	-0.003136	±2.5	PASS

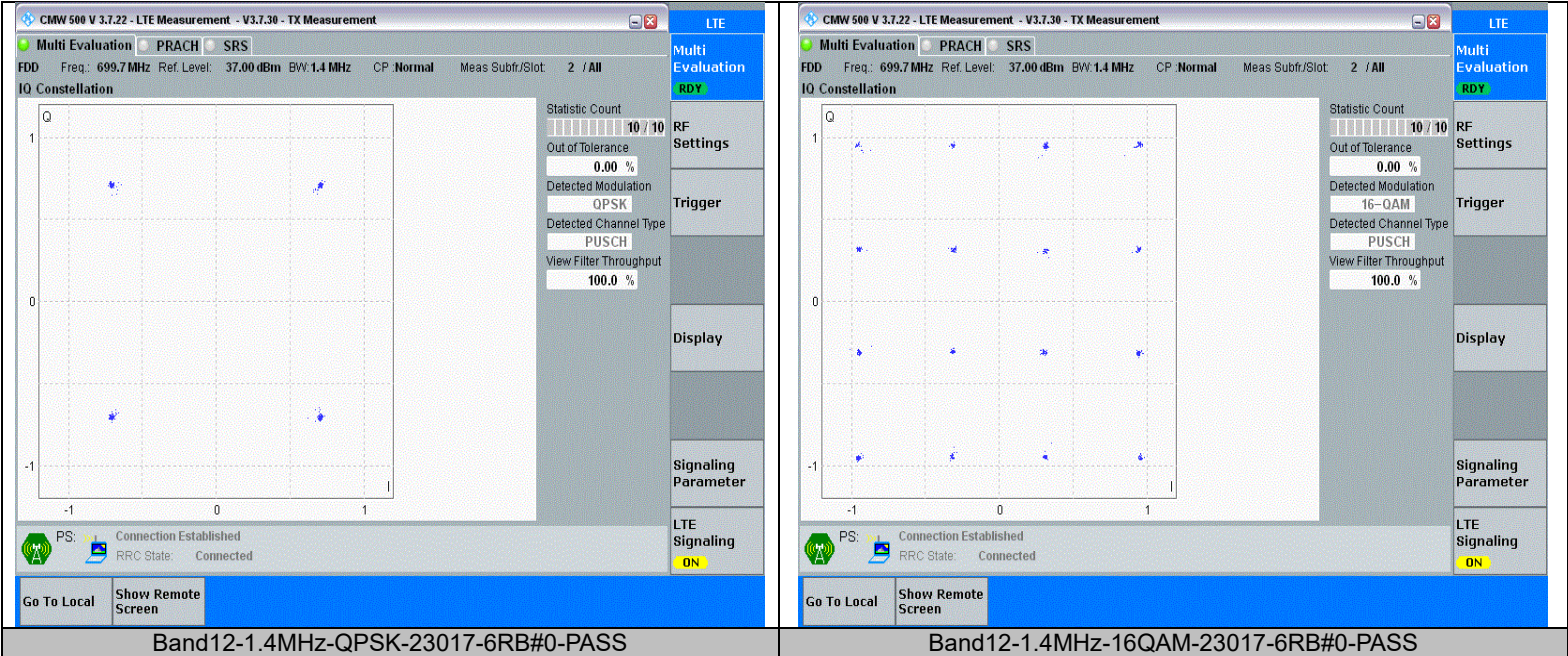
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	-3.28	-0.004613	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-10	-3.05	-0.004290	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	-4.31	-0.006062	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	-2.62	-0.003685	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	-3.06	-0.004304	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	-3.98	-0.005598	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	-2.65	-0.003727	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	50	-6.22	-0.008748	±2.5	PASS

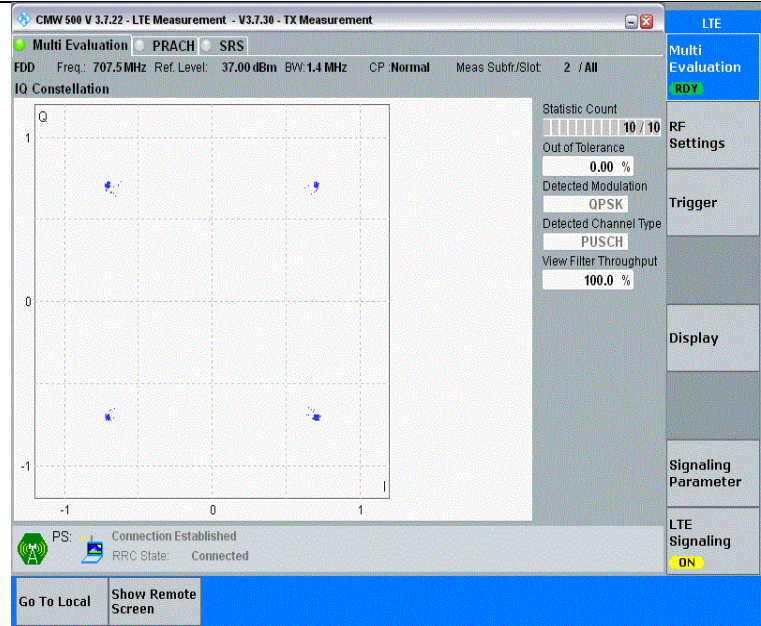
Appendix G: Modulation Characteristics

Test Result

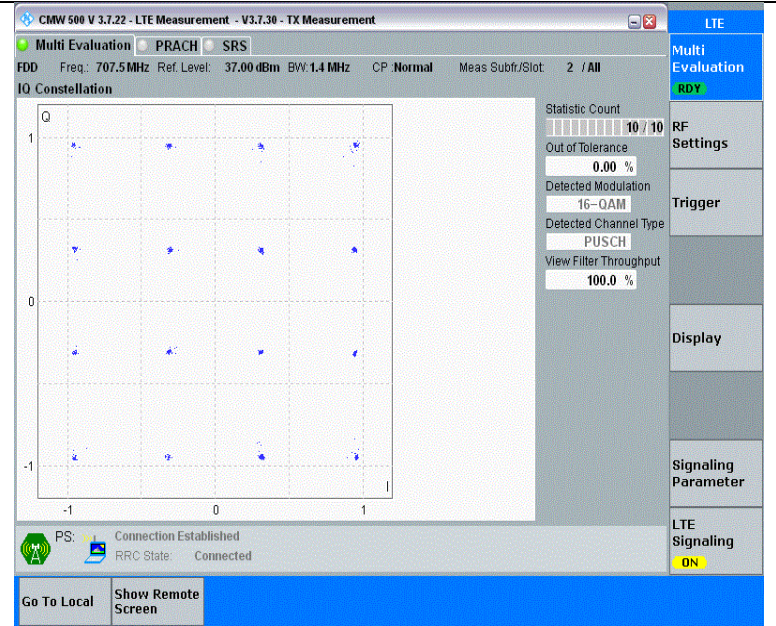
Band12	1.4MHz	QPSK	23017	6RB#0	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	PASS
Band12	3MHz	QPSK	23025	15RB#0	PASS
Band12	3MHz	16QAM	23025	15RB#0	PASS
Band12	3MHz	QPSK	23095	15RB#0	PASS
Band12	3MHz	16QAM	23095	15RB#0	PASS
Band12	3MHz	QPSK	23165	15RB#0	PASS
Band12	3MHz	16QAM	23165	15RB#0	PASS
Band12	5MHz	QPSK	23035	25RB#0	PASS
Band12	5MHz	16QAM	23035	25RB#0	PASS
Band12	5MHz	QPSK	23095	25RB#0	PASS
Band12	5MHz	16QAM	23095	25RB#0	PASS
Band12	5MHz	QPSK	23155	25RB#0	PASS
Band12	5MHz	16QAM	23155	25RB#0	PASS
Band12	10MHz	QPSK	23060	50RB#0	PASS
Band12	10MHz	QPSK	23095	50RB#0	PASS
Band12	10MHz	QPSK	23130	50RB#0	PASS
Band12	10MHz	16QAM	23060	1RB#0	PASS
Band12	10MHz	16QAM	23095	1RB#0	PASS
Band12	10MHz	16QAM	23130	1RB#0	PASS

Test Graphs

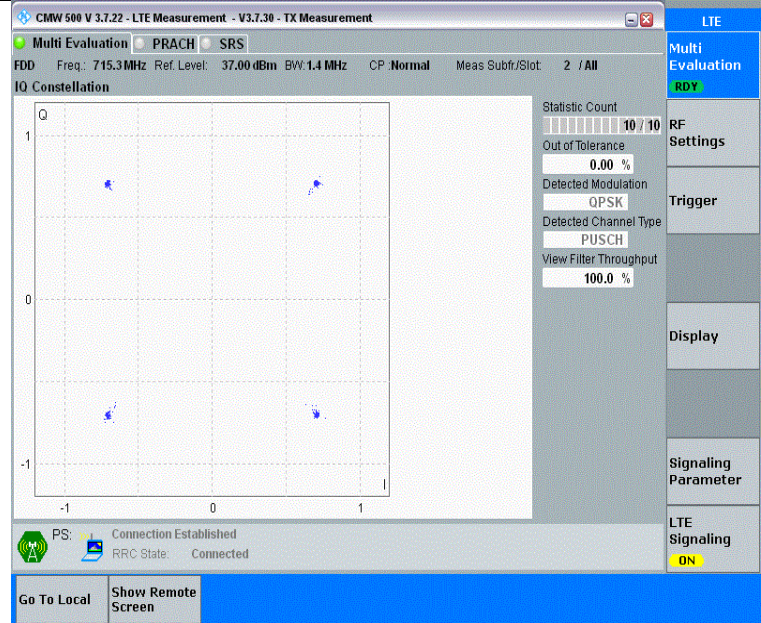




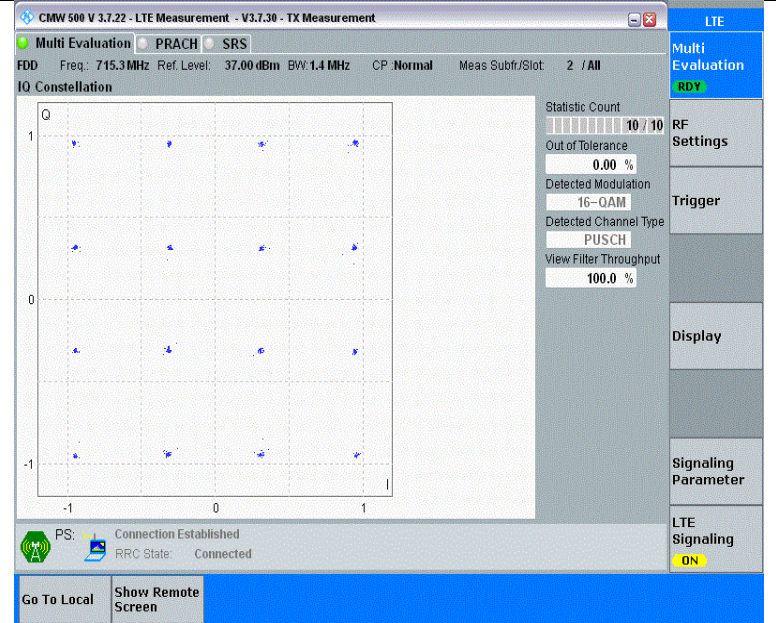
Band12-1.4MHz-QPSK-23095-6RB#0-PASS



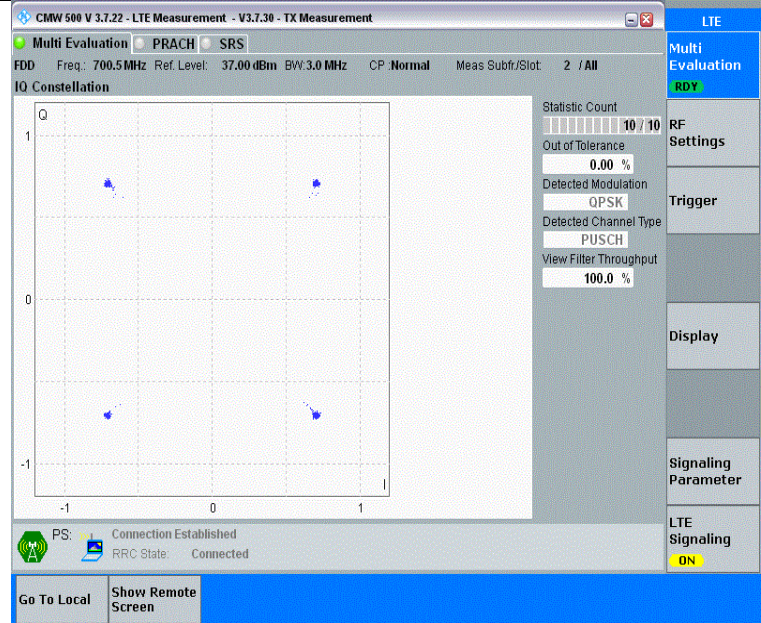
Band12-1.4MHz-16QAM-23095-6RB#0-PASS



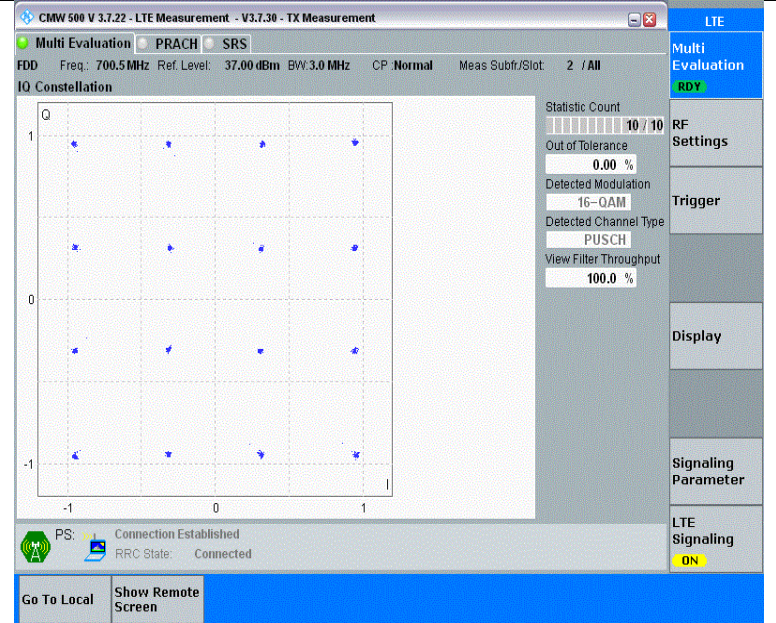
Band12-1.4MHz-QPSK-23173-6RB#0-PASS



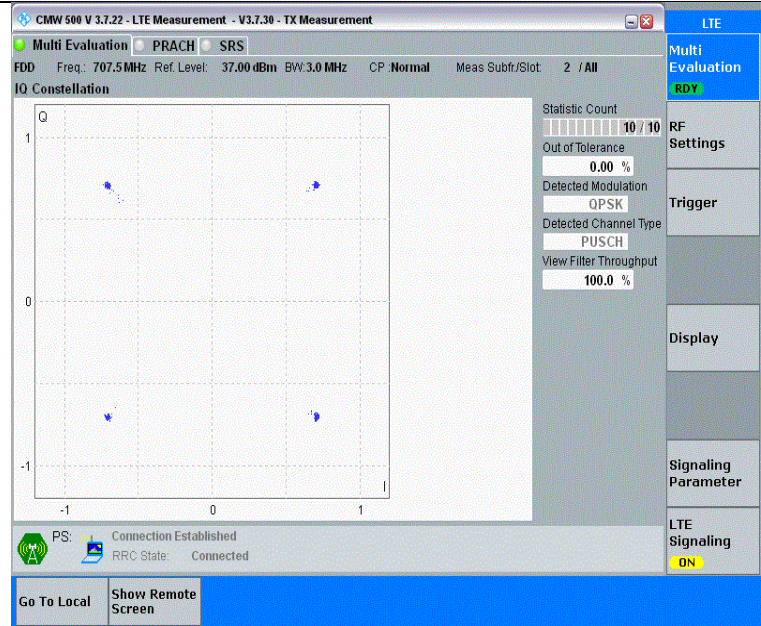
Band12-1.4MHz-16QAM-23173-6RB#0-PASS



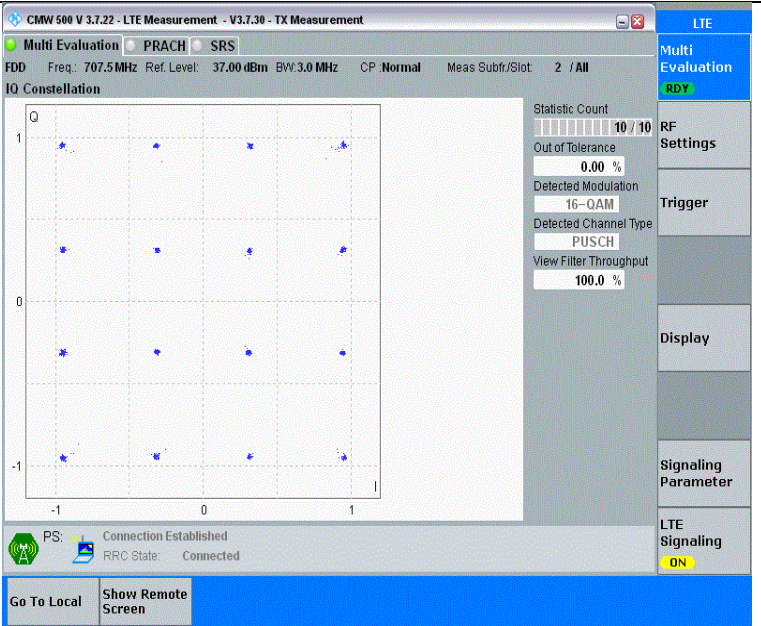
Band12-3MHz-QPSK-23025-15RB#0-PASS



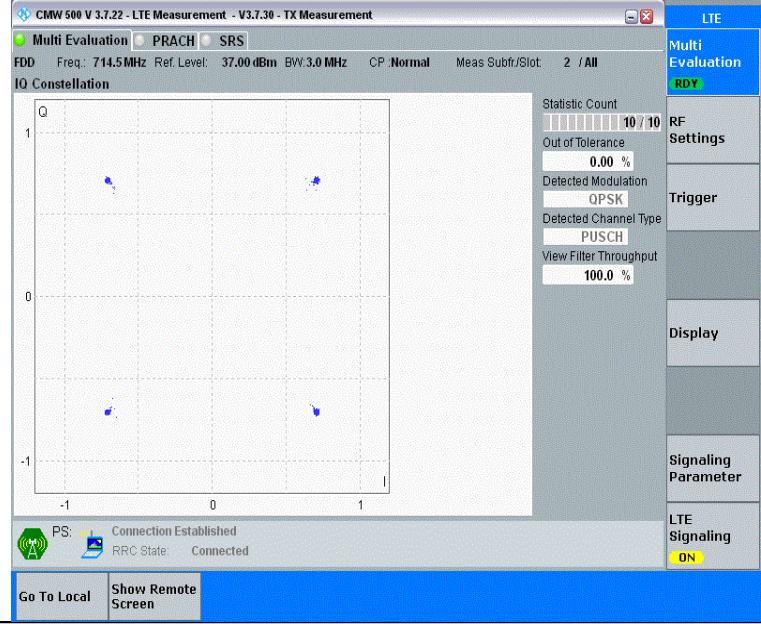
Band12-3MHz-16QAM-23025-15RB#0-PASS



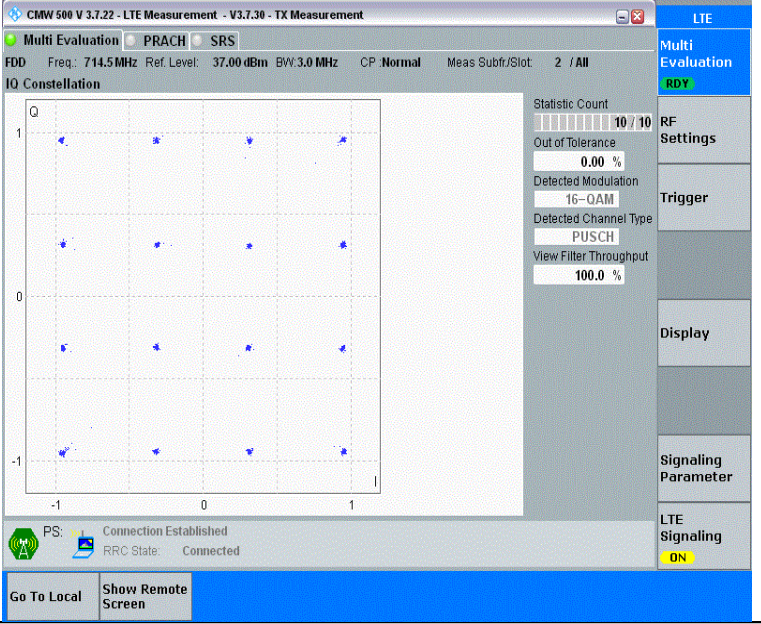
Band12-3MHz-QPSK-23095-15RB#0-PASS



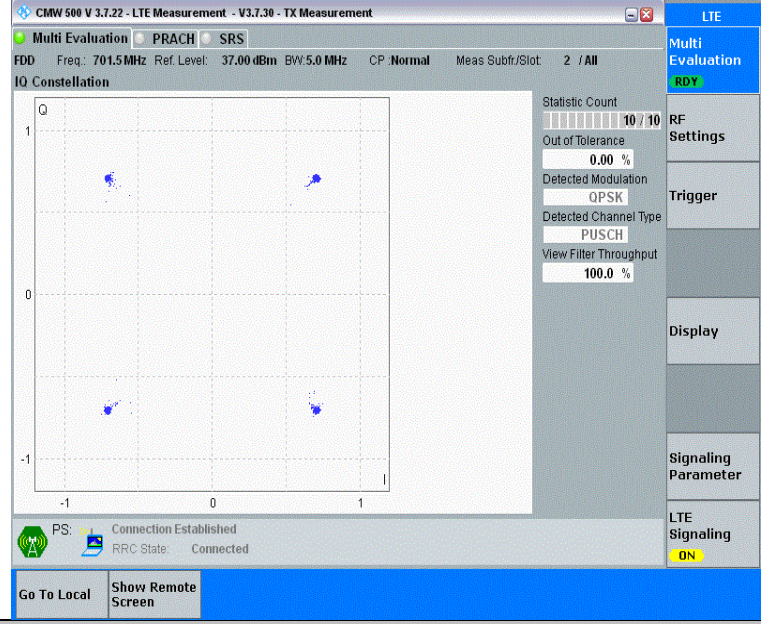
Band12-3MHz-16QAM-23095-15RB#0-PASS



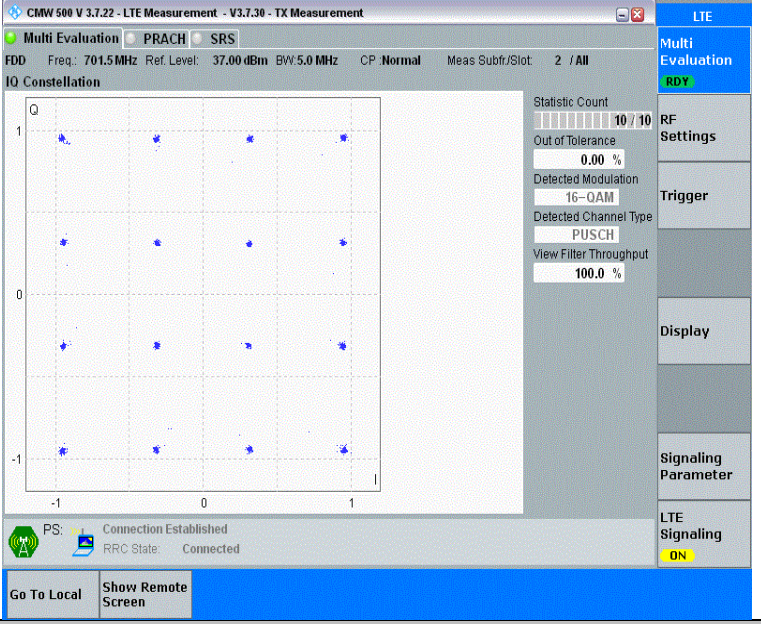
Band12-3MHz-QPSK-23165-15RB#0-PASS



Band12-3MHz-16QAM-23165-15RB#0-PASS



Band12-5MHz-QPSK-23035-25RB#0-PASS



Band12-5MHz-16QAM-23035-25RB#0-PASS