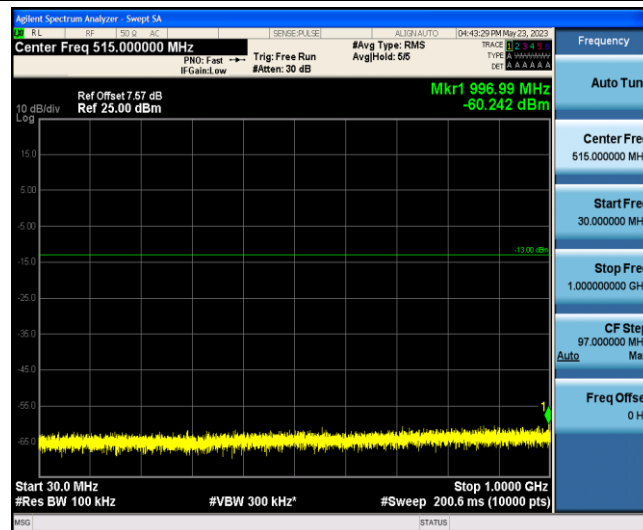
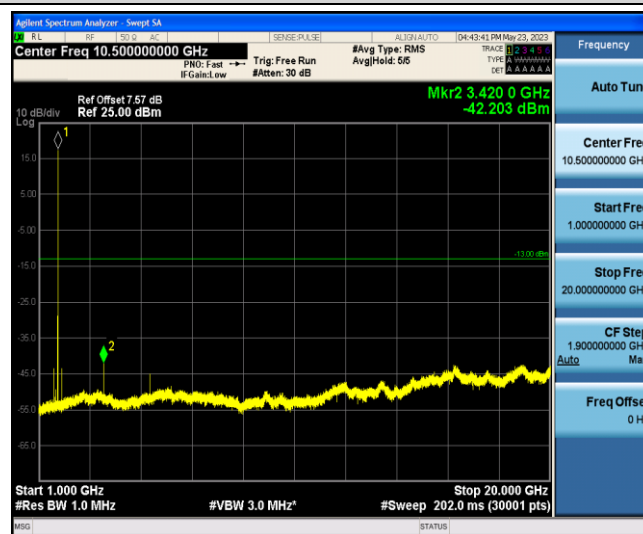
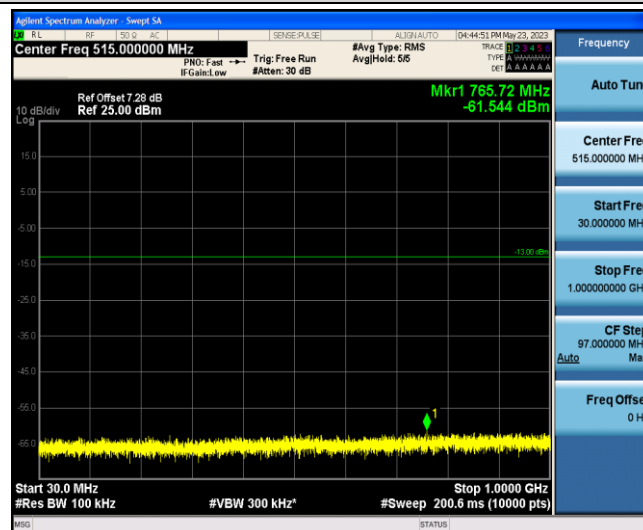




Band4-Stand-Alone-NaN-BPSK-19951-1@0-3.75kHz-30-1000--60.24--13-PASS



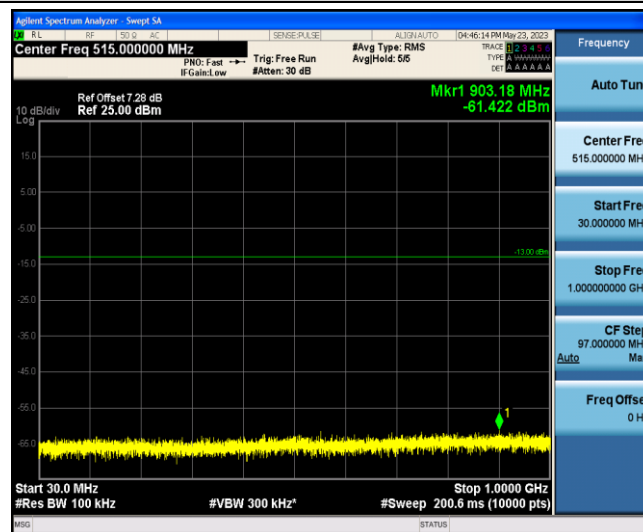
Band4-Stand-Alone-NaN-BPSK-19951-1@0-3.75kHz-1000-20000--42.2--13-PASS



Band4-Stand-Alone-NaN-BPSK-20175-1@0-3.75kHz-30-1000--61.54--13-PASS



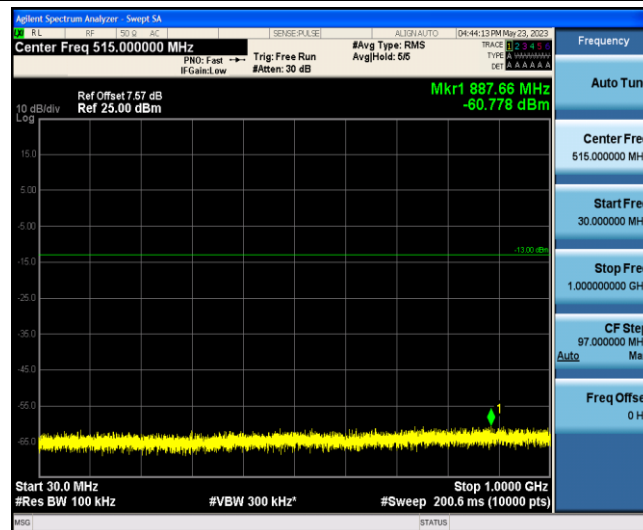
Band4-Stand-Alone-NaN-BPSK-20175-1@0-3.75kHz-1000-20000--42.51--13-PASS



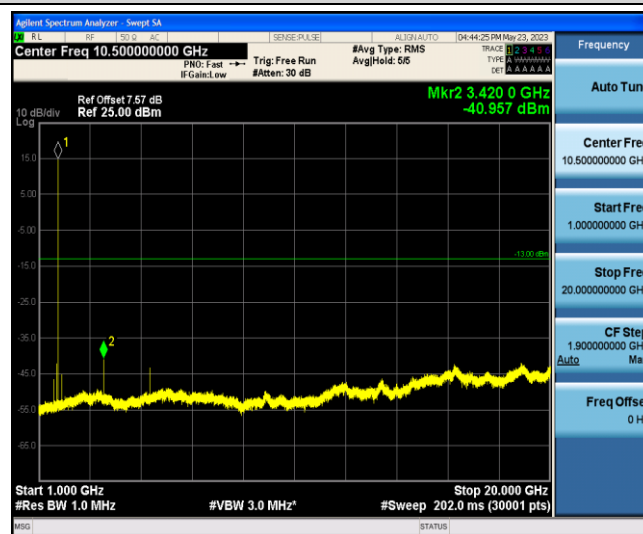
Band4-Stand-Alone-NaN-BPSK-20399-1@0-3.75kHz-30-1000--61.42--13-PASS



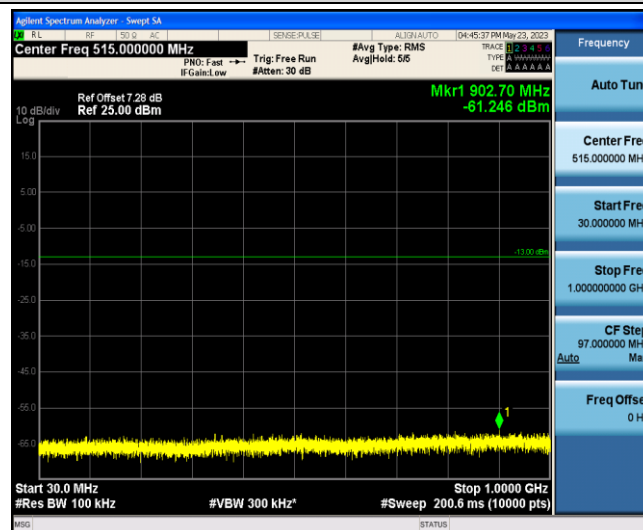
Band4-Stand-Alone-NaN-BPSK-20399-1@0-3.75kHz-1000-20000--42.59--13-PASS



Band4-Stand-Alone-NaN-QPSK-19951-1@0-3.75kHz-30-1000--60.78--13-PASS



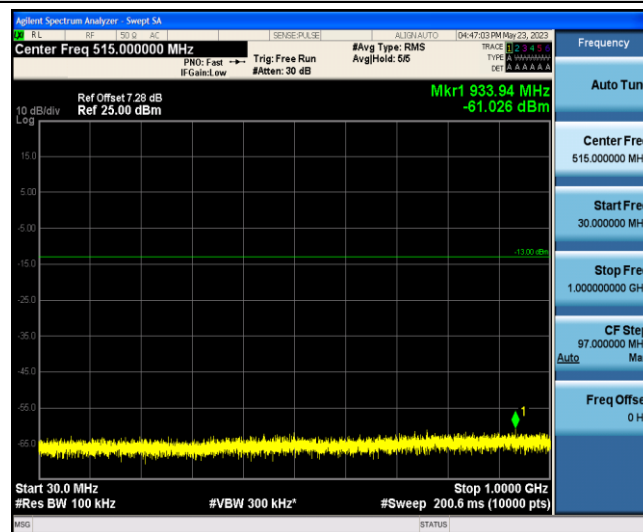
Band4-Stand-Alone-NaN-QPSK-19951-1@0-3.75kHz-1000-20000--40.96--13-PASS



Band4-Stand-Alone-NaN-QPSK-20175-1@0-3.75kHz-30-1000--61.25--13-PASS



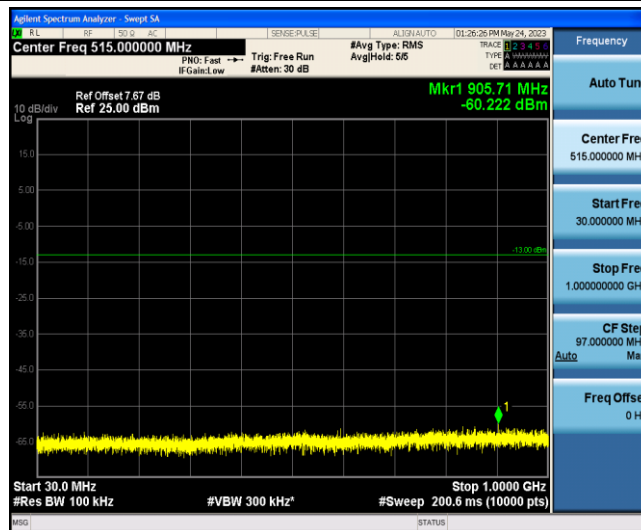
Band4-Stand-Alone-NaN-QPSK-20175-1@0-3.75kHz-1000-20000--42.24--13-PASS



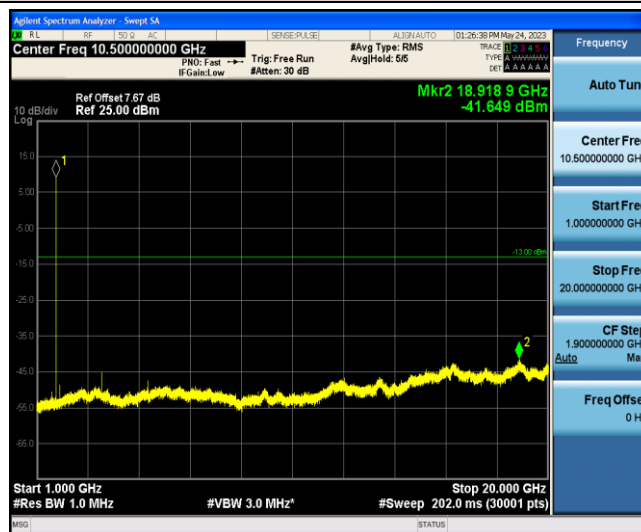
Band4-Stand-Alone-NaN-QPSK-20399-1@0-3.75kHz-30-1000--61.03--13-PASS



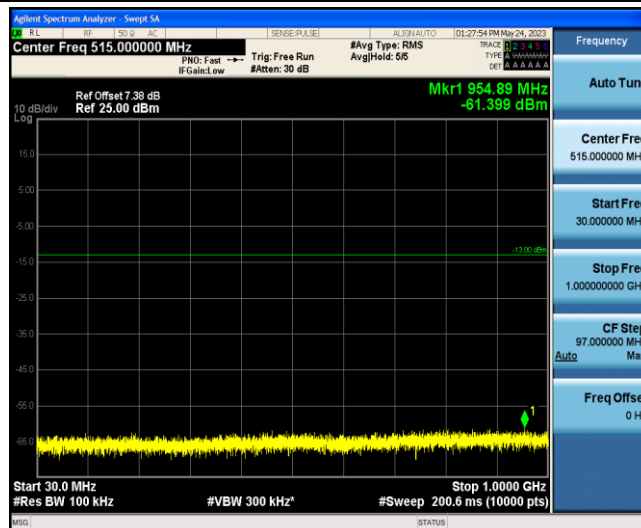
Band4-Stand-Alone-NaN-QPSK-20399-1@0-3.75kHz-1000-20000--42.1--13-PASS



Band4-Stand-Alone-NaN-BPSK-19951-1@0-15kHz-30-1000--60.22--13-PASS



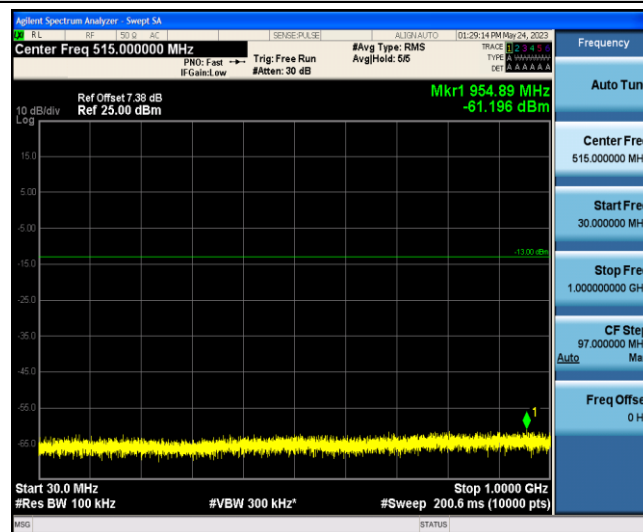
Band4-Stand-Alone-NaN-BPSK-19951-1@0-15kHz-1000-20000--41.65--13-PASS



Band4-Stand-Alone-NaN-BPSK-20175-1@0-15kHz-30-1000--61.4--13-PASS



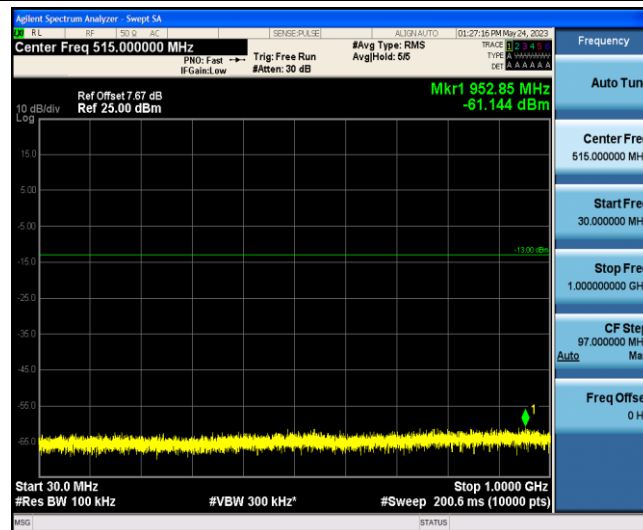
Band4-Stand-Alone-NaN-BPSK-20175-1@0-15kHz-1000-20000--42.16--13-PASS



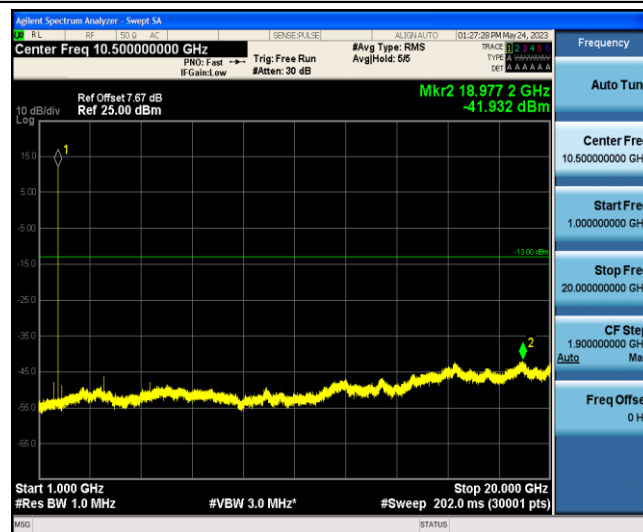
Band4-Stand-Alone-NaN-BPSK-20399-1@0-15kHz-30-1000--61.2--13-PASS



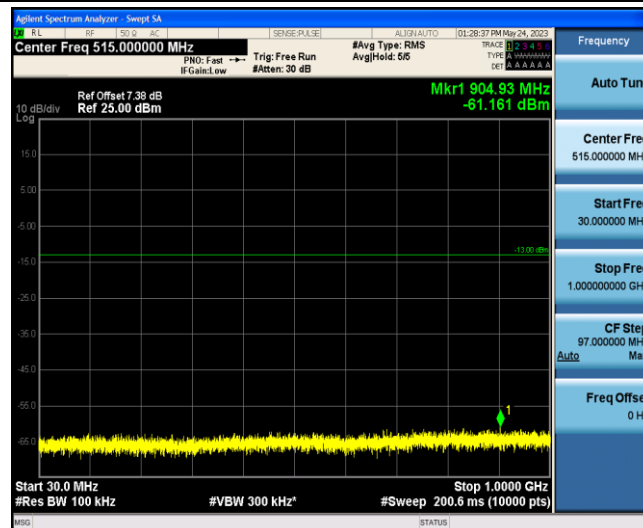
Band4-Stand-Alone-NaN-BPSK-20399-1@0-15kHz-1000-20000--42.44--13-PASS



Band4-Stand-Alone-NaN-QPSK-19951-1@0-15kHz-30-1000--61.14--13-PASS



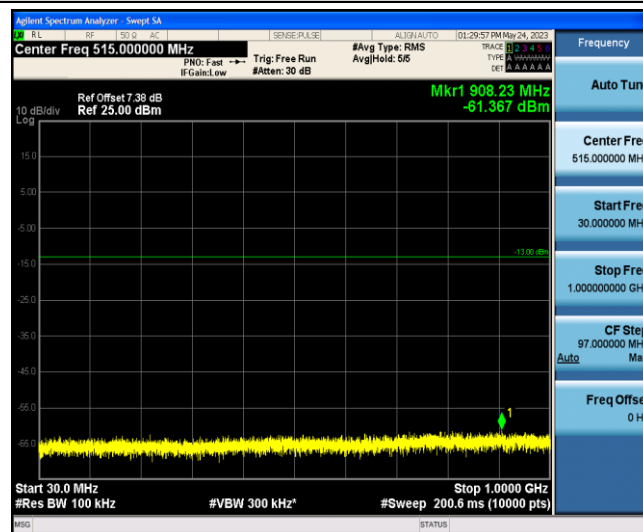
Band4-Stand-Alone-NaN-QPSK-19951-1@0-15kHz-1000-20000--41.93--13-PASS



Band4-Stand-Alone-NaN-QPSK-20175-1@0-15kHz-30-1000--61.16--13-PASS



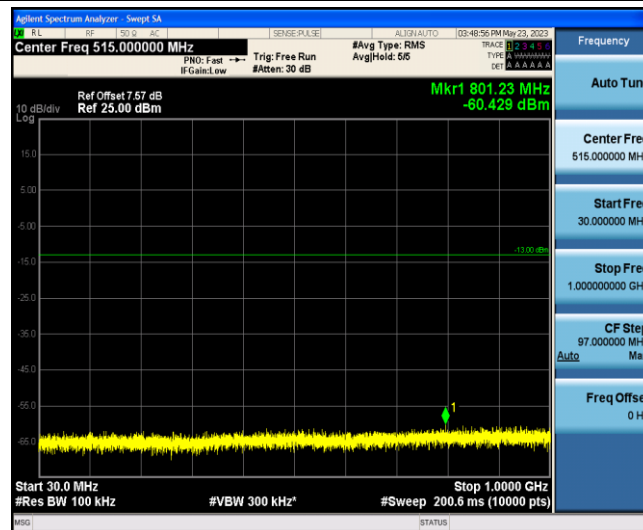
Band4-Stand-Alone-NaN-QPSK-20175-1@0-15kHz-1000-20000--42.22--13-PASS



Band4-Stand-Alone-NaN-QPSK-20399-1@0-15kHz-30-1000--61.37--13-PASS



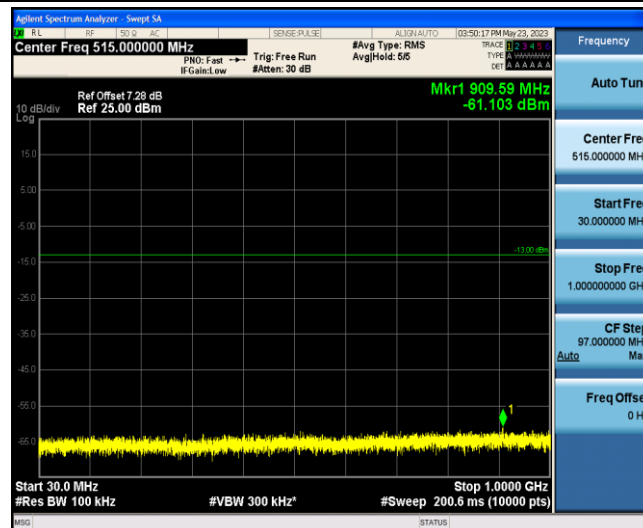
Band4-Stand-Alone-NaN-QPSK-20399-1@0-15kHz-1000-20000--42.38--13-PASS



Band66-Stand-Alone-NaN-BPSK-131973-1@0-3.75kHz-30-1000--60.43--13-PASS



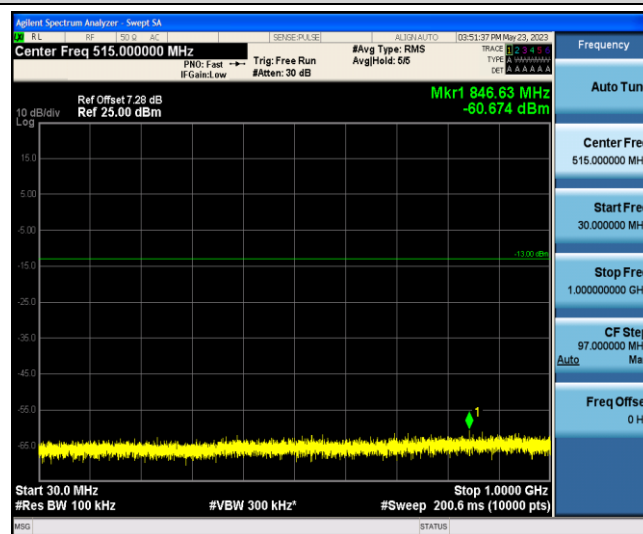
Band66-Stand-Alone-NaN-BPSK-131973-1@0-3.75kHz-1000-20000--41.86--13-PASS



Band66-Stand-Alone-NaN-BPSK-132322-1@0-3.75kHz-30-1000--61.1--13-PASS



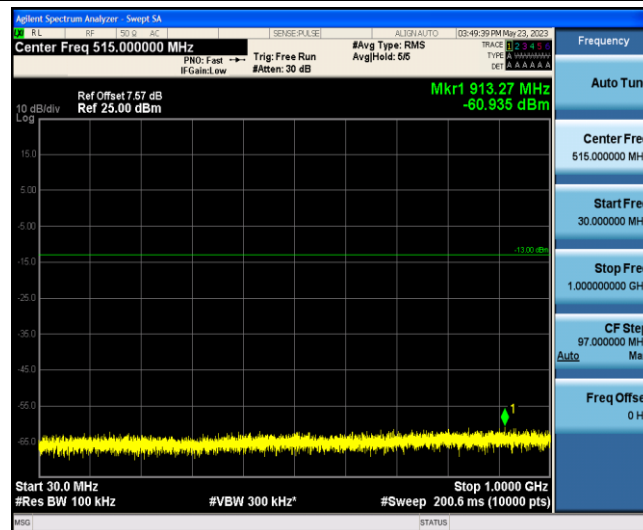
Band66-Stand-Alone-NaN-BPSK-132322-1@0-3.75kHz-1000-20000--42.16--13-PASS



Band66-Stand-Alone-NaN-BPSK-132671-1@0-3.75kHz-30-1000--60.67--13-PASS



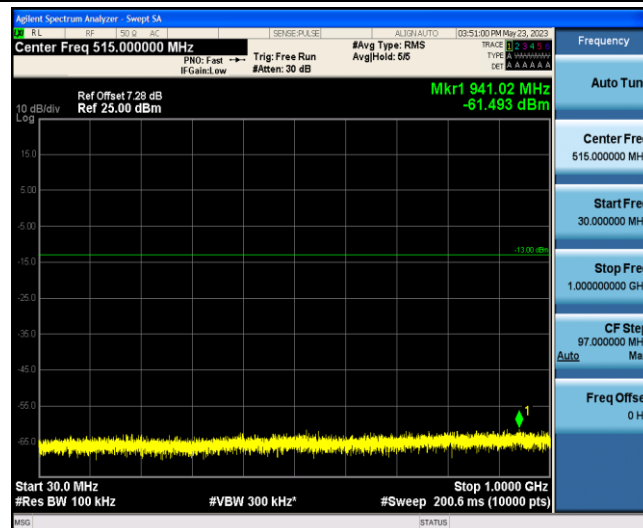
Band66-Stand-Alone-NaN-BPSK-132671-1@0-3.75kHz-1000-20000--42.24--13-PASS



Band66-Stand-Alone-NaN-QPSK-131973-1@0-3.75kHz-30-1000--60.94--13-PASS



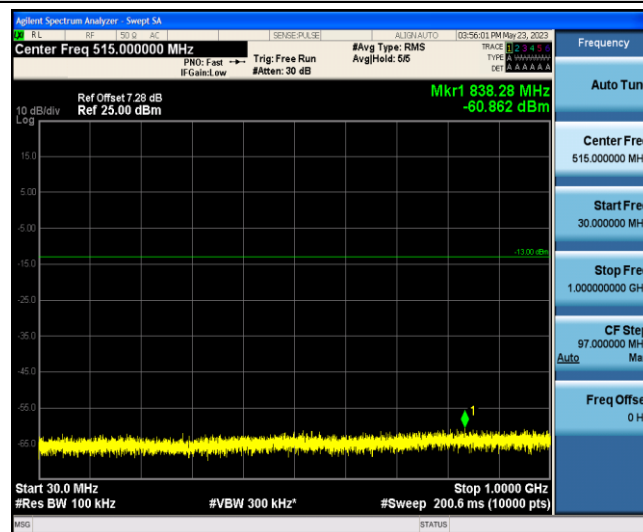
Band66-Stand-Alone-NaN-QPSK-131973-1@0-3.75kHz-1000-20000--42.31--13-PASS



Band66-Stand-Alone-NaN-QPSK-132322-1@0-3.75kHz-30-1000--61.49--13-PASS



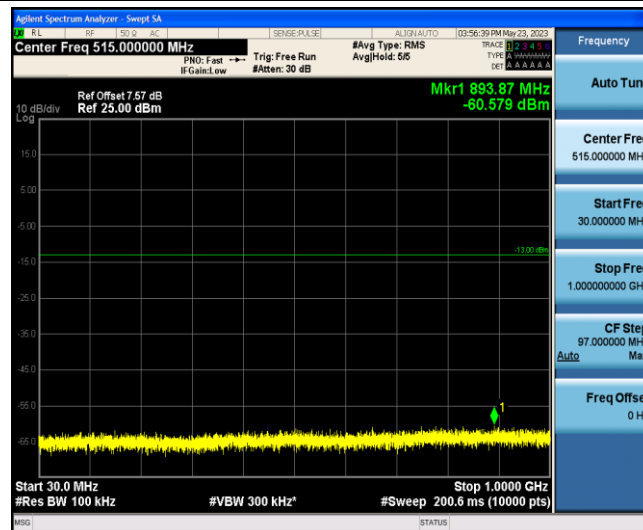
Band66-Stand-Alone-NaN-QPSK-132322-1@0-3.75kHz-1000-20000--42.53--13-PASS



Band66-Stand-Alone-NaN-QPSK-132671-1@0-3.75kHz-30-1000--60.86--13-PASS



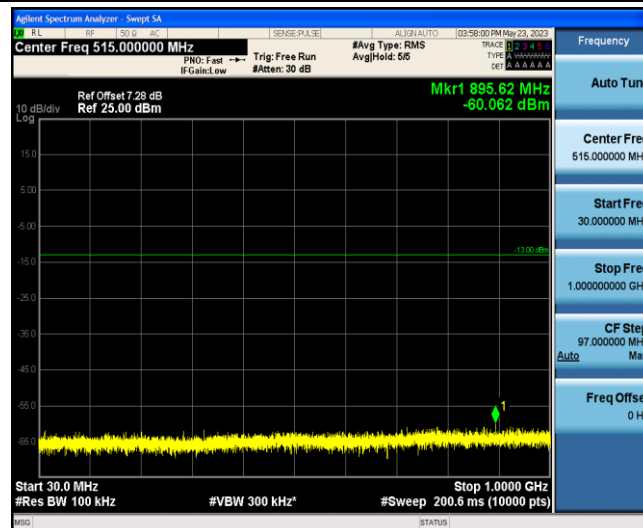
Band66-Stand-Alone-NaN-QPSK-132671-1@0-3.75kHz-1000-20000--42.78--13-PASS



Band66-Stand-Alone-NaN-BPSK-131973-1@0-15kHz-30-1000--60.58--13-PASS



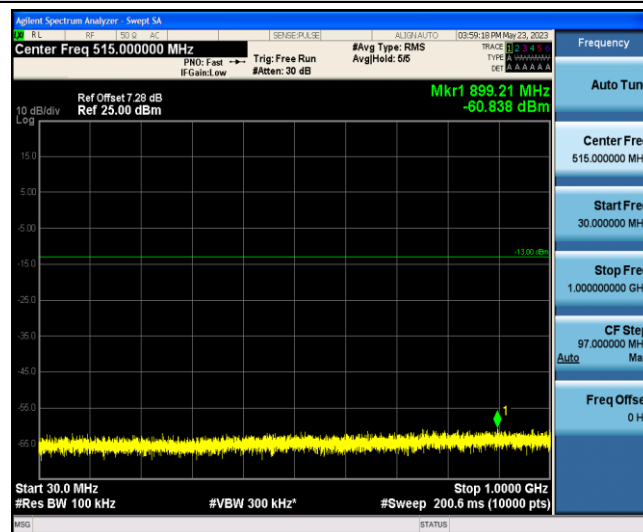
Band66-Stand-Alone-NaN-BPSK-131973-1@0-15kHz-1000-20000--42.22--13-PASS



Band66-Stand-Alone-NaN-BPSK-132322-1@0-15kHz-30-1000--60.06--13-PASS



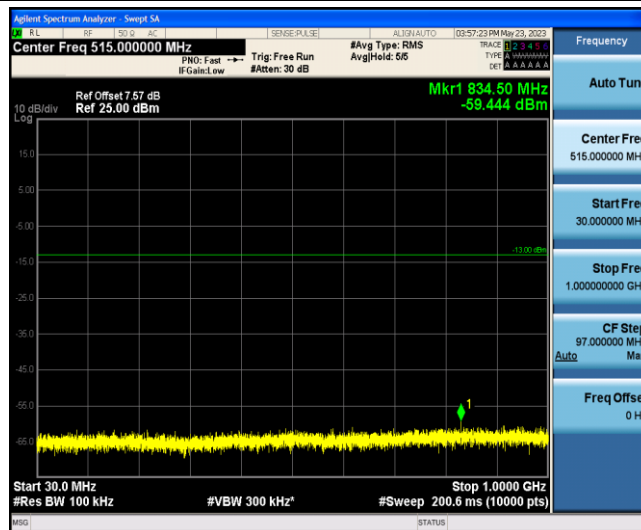
Band66-Stand-Alone-NaN-BPSK-132322-1@0-15kHz-1000-20000--42.52--13-PASS



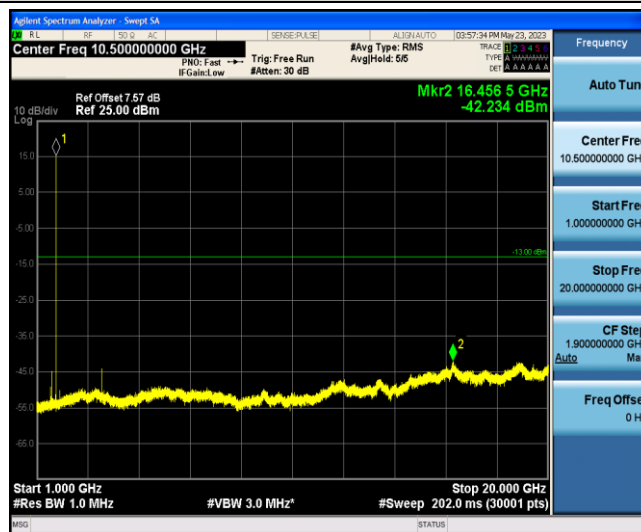
Band66-Stand-Alone-NaN-BPSK-132671-1@0-15kHz-30-1000--60.84--13-PASS



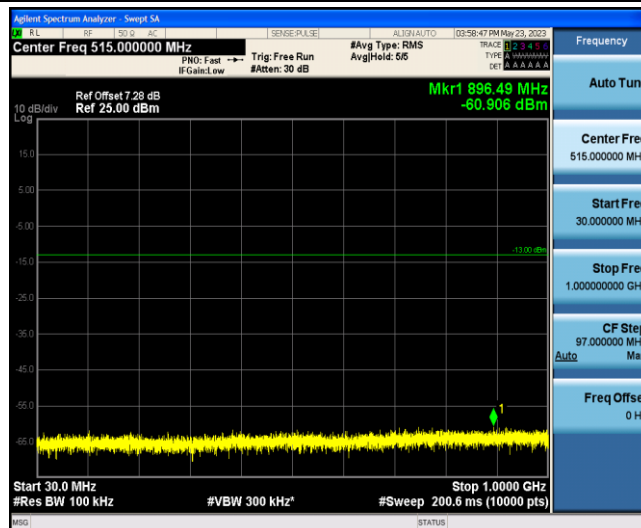
Band66-Stand-Alone-NaN-BPSK-132671-1@0-15kHz-1000-20000--42.2--13-PASS



Band66-Stand-Alone-NaN-QPSK-131973-1@0-15kHz-30-1000--59.44--13-PASS



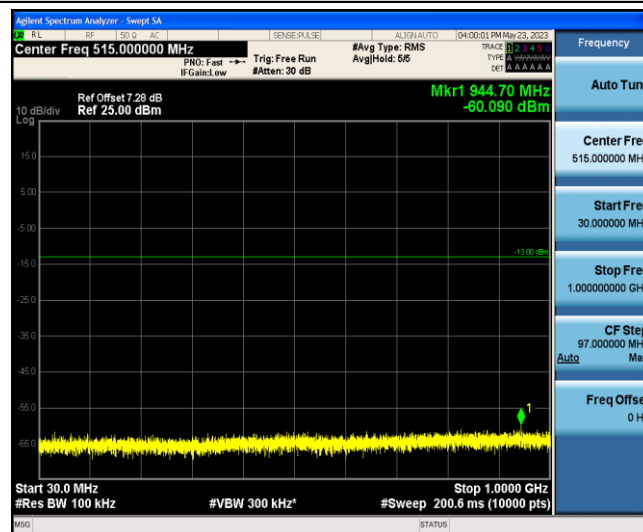
Band66-Stand-Alone-NaN-QPSK-131973-1@0-15kHz-1000-20000--42.23--13-PASS



Band66-Stand-Alone-NaN-QPSK-132322-1@0-15kHz-30-1000--60.91--13-PASS



Band66-Stand-Alone-NaN-QPSK-132322-1@0-15kHz-1000-20000--42.4--13-PASS



Band66-Stand-Alone-NaN-QPSK-132671-1@0-15kHz-30-1000--60.09--13-PASS



Band66-Stand-Alone-NaN-QPSK-132671-1@0-15kHz-1000-20000--42.47--13-PASS

Appendix F: Frequency Stability

Test Result

Voltage											
Band	OpMode	SCS	Modulation	Channel	Tones	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	Stand-Alone	3.75kHz	BPSK	23095	1@0	VH	NT	-11.87	-0.016777	±2.5	PASS
Band12	Stand-Alone	3.75kHz	BPSK	23095	1@0	VL	NT	-13.66	-0.019307	±2.5	PASS
Band12	Stand-Alone	3.75kHz	BPSK	23095	1@0	VN	NT	-14.32	-0.020240	±2.5	PASS
Band12	Stand-Alone	3.75kHz	QPSK	23095	1@0	VH	NT	-6.65	-0.009399	±2.5	PASS
Band12	Stand-Alone	3.75kHz	QPSK	23095	1@0	VL	NT	-7.82	-0.011053	±2.5	PASS
Band12	Stand-Alone	3.75kHz	QPSK	23095	1@0	VN	NT	-7.00	-0.009894	±2.5	PASS
Band12	Stand-Alone	15kHz	BPSK	23095	1@0	VL	NT	-11.52	-0.016283	±2.5	PASS
Band12	Stand-Alone	15kHz	BPSK	23095	1@0	VN	NT	-12.77	-0.018049	±2.5	PASS
Band12	Stand-Alone	15kHz	BPSK	23095	1@0	VH	NT	-11.83	-0.016721	±2.5	PASS
Band12	Stand-Alone	15kHz	QPSK	23095	1@0	VH	NT	-6.45	-0.009117	±2.5	PASS
Band12	Stand-Alone	15kHz	QPSK	23095	1@0	VL	NT	-8.67	-0.012254	±2.5	PASS
Band12	Stand-Alone	15kHz	QPSK	23095	1@0	VN	NT	-11.17	-0.015788	±2.5	PASS
Band13	Stand-Alone	3.75kHz	BPSK	23230	1@0	VH	NT	-18.97	-0.024258	±2.5	PASS
Band13	Stand-Alone	3.75kHz	BPSK	23230	1@0	VL	NT	-21.03	-0.026893	±2.5	PASS
Band13	Stand-Alone	3.75kHz	BPSK	23230	1@0	VN	NT	-21.54	-0.027545	±2.5	PASS
Band13	Stand-Alone	3.75kHz	QPSK	23230	1@0	VL	NT	-13.36	-0.017084	±2.5	PASS
Band13	Stand-Alone	3.75kHz	QPSK	23230	1@0	VN	NT	-13.38	-0.017110	±2.5	PASS
Band13	Stand-Alone	3.75kHz	QPSK	23230	1@0	VH	NT	-12.89	-0.016483	±2.5	PASS
Band13	Stand-Alone	15kHz	BPSK	23230	1@0	VN	NT	-19.03	-0.024335	±2.5	PASS
Band13	Stand-Alone	15kHz	BPSK	23230	1@0	VL	NT	-19.10	-0.024425	±2.5	PASS
Band13	Stand-Alone	15kHz	BPSK	23230	1@0	VH	NT	-17.57	-0.022468	±2.5	PASS
Band13	Stand-Alone	15kHz	QPSK	23230	1@0	VH	NT	-14.78	-0.018900	±2.5	PASS
Band13	Stand-Alone	15kHz	QPSK	23230	1@0	VL	NT	-14.58	-0.018645	±2.5	PASS
Band13	Stand-Alone	15kHz	QPSK	23230	1@0	VN	NT	-17.19	-0.021982	±2.5	PASS
Band2	Stand-Alone	3.75kHz	BPSK	18900	1@0	VH	NT	-46.11	-0.024527	±2.5	PASS
Band2	Stand-Alone	3.75kHz	BPSK	18900	1@0	VN	NT	-55.98	-0.029777	±2.5	PASS
Band2	Stand-Alone	3.75kHz	BPSK	18900	1@0	VL	NT	-50.25	-0.026729	±2.5	PASS
Band2	Stand-Alone	3.75kHz	QPSK	18900	1@0	VL	NT	-31.49	-0.016750	±2.5	PASS
Band2	Stand-Alone	3.75kHz	QPSK	18900	1@0	VH	NT	-33.25	-0.017686	±2.5	PASS
Band2	Stand-Alone	3.75kHz	QPSK	18900	1@0	VN	NT	-33.09	-0.017601	±2.5	PASS
Band2	Stand-Alone	15kHz	BPSK	18900	1@0	VN	NT	-54.14	-0.028798	±2.5	PASS
Band2	Stand-Alone	15kHz	BPSK	18900	1@0	VL	NT	-54.52	-0.029000	±2.5	PASS
Band2	Stand-Alone	15kHz	BPSK	18900	1@0	VH	NT	-47.82	-0.025436	±2.5	PASS
Band2	Stand-Alone	15kHz	QPSK	18900	1@0	VL	NT	-41.83	-0.022250	±2.5	PASS
Band2	Stand-Alone	15kHz	QPSK	18900	1@0	VH	NT	-46.62	-0.024798	±2.5	PASS
Band2	Stand-Alone	15kHz	QPSK	18900	1@0	VN	NT	-45.29	-0.024090	±2.5	PASS

Band4	Stand-Alone	3.75kHz	BPSK	20175	1@0	VH	NT	-48.59	-0.028046	±2.5	PASS
Band4	Stand-Alone	3.75kHz	BPSK	20175	1@0	VN	NT	-57.54	-0.033212	±2.5	PASS
Band4	Stand-Alone	3.75kHz	BPSK	20175	1@0	VL	NT	-52.21	-0.030136	±2.5	PASS
Band4	Stand-Alone	3.75kHz	QPSK	20175	1@0	VN	NT	-35.00	-0.020202	±2.5	PASS
Band4	Stand-Alone	3.75kHz	QPSK	20175	1@0	VL	NT	-33.32	-0.019232	±2.5	PASS
Band4	Stand-Alone	3.75kHz	QPSK	20175	1@0	VH	NT	-32.54	-0.018782	±2.5	PASS
Band4	Stand-Alone	15kHz	BPSK	20175	1@0	VH	NT	-39.15	-0.022597	±2.5	PASS
Band4	Stand-Alone	15kHz	BPSK	20175	1@0	VL	NT	-36.12	-0.020848	±2.5	PASS
Band4	Stand-Alone	15kHz	BPSK	20175	1@0	VN	NT	-36.61	-0.021131	±2.5	PASS
Band4	Stand-Alone	15kHz	QPSK	20175	1@0	VH	NT	-27.69	-0.015983	±2.5	PASS
Band4	Stand-Alone	15kHz	QPSK	20175	1@0	VN	NT	-29.78	-0.017189	±2.5	PASS
Band4	Stand-Alone	15kHz	QPSK	20175	1@0	VL	NT	-27.14	-0.015665	±2.5	PASS
Band66	Stand-Alone	3.75kHz	BPSK	132322	1@0	VH	NT	-42.40	-0.024298	±2.5	PASS
Band66	Stand-Alone	3.75kHz	BPSK	132322	1@0	VN	NT	-44.47	-0.025484	±2.5	PASS
Band66	Stand-Alone	3.75kHz	BPSK	132322	1@0	VL	NT	-42.50	-0.024355	±2.5	PASS
Band66	Stand-Alone	3.75kHz	QPSK	132322	1@0	VN	NT	-27.28	-0.015633	±2.5	PASS
Band66	Stand-Alone	3.75kHz	QPSK	132322	1@0	VL	NT	-24.28	-0.013914	±2.5	PASS
Band66	Stand-Alone	3.75kHz	QPSK	132322	1@0	VH	NT	-24.55	-0.014069	±2.5	PASS
Band66	Stand-Alone	15kHz	BPSK	132322	1@0	VH	NT	-41.84	-0.023977	±2.5	PASS
Band66	Stand-Alone	15kHz	BPSK	132322	1@0	VL	NT	-54.00	-0.030946	±2.5	PASS
Band66	Stand-Alone	15kHz	BPSK	132322	1@0	VN	NT	-39.63	-0.022711	±2.5	PASS
Band66	Stand-Alone	15kHz	QPSK	132322	1@0	VH	NT	-36.65	-0.021003	±2.5	PASS
Band66	Stand-Alone	15kHz	QPSK	132322	1@0	VL	NT	-38.32	-0.021960	±2.5	PASS
Band66	Stand-Alone	15kHz	QPSK	132322	1@0	VN	NT	-36.75	-0.021060	±2.5	PASS

Temperature											
Band	OpMode	SCS	Modulation	Channel	Tones	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	Stand-Alone	3.75kHz	BPSK	23095	1@0	NV	-30	-10.96	-0.015491	±2.5	PASS
Band12	Stand-Alone	3.75kHz	BPSK	23095	1@0	NV	-20	-8.73	-0.012339	±2.5	PASS
Band12	Stand-Alone	3.75kHz	BPSK	23095	1@0	NV	-10	-9.27	-0.013102	±2.5	PASS
Band12	Stand-Alone	3.75kHz	BPSK	23095	1@0	NV	0	-9.26	-0.013088	±2.5	PASS
Band12	Stand-Alone	3.75kHz	BPSK	23095	1@0	NV	10	-10.04	-0.014191	±2.5	PASS
Band12	Stand-Alone	3.75kHz	BPSK	23095	1@0	NV	20	-10.41	-0.014714	±2.5	PASS
Band12	Stand-Alone	3.75kHz	BPSK	23095	1@0	NV	30	-10.29	-0.014544	±2.5	PASS
Band12	Stand-Alone	3.75kHz	BPSK	23095	1@0	NV	40	-10.21	-0.014431	±2.5	PASS
Band12	Stand-Alone	3.75kHz	BPSK	23095	1@0	NV	50	-11.70	-0.016537	±2.5	PASS
Band12	Stand-Alone	3.75kHz	QPSK	23095	1@0	NV	-30	-6.47	-0.009145	±2.5	PASS
Band12	Stand-Alone	3.75kHz	QPSK	23095	1@0	NV	-20	-5.95	-0.008410	±2.5	PASS
Band12	Stand-Alone	3.75kHz	QPSK	23095	1@0	NV	-10	-5.55	-0.007845	±2.5	PASS
Band12	Stand-Alone	3.75kHz	QPSK	23095	1@0	NV	0	-5.42	-0.007661	±2.5	PASS
Band12	Stand-Alone	3.75kHz	QPSK	23095	1@0	NV	10	-6.81	-0.009625	±2.5	PASS
Band12	Stand-Alone	3.75kHz	QPSK	23095	1@0	NV	20	-8.07	-0.011406	±2.5	PASS

Band12	Stand-Alone	3.75kHz	QPSK	23095	1@0	NV	30	-6.51	-0.009201	±2.5	PASS
Band12	Stand-Alone	3.75kHz	QPSK	23095	1@0	NV	40	-6.59	-0.009314	±2.5	PASS
Band12	Stand-Alone	3.75kHz	QPSK	23095	1@0	NV	50	-6.77	-0.009569	±2.5	PASS
Band12	Stand-Alone	15kHz	BPSK	23095	1@0	NV	-30	-12.13	-0.017145	±2.5	PASS
Band12	Stand-Alone	15kHz	BPSK	23095	1@0	NV	-20	-10.83	-0.015307	±2.5	PASS
Band12	Stand-Alone	15kHz	BPSK	23095	1@0	NV	-10	-12.03	-0.017004	±2.5	PASS
Band12	Stand-Alone	15kHz	BPSK	23095	1@0	NV	0	-13.30	-0.018799	±2.5	PASS
Band12	Stand-Alone	15kHz	BPSK	23095	1@0	NV	10	-12.29	-0.017371	±2.5	PASS
Band12	Stand-Alone	15kHz	BPSK	23095	1@0	NV	20	-11.77	-0.016636	±2.5	PASS
Band12	Stand-Alone	15kHz	BPSK	23095	1@0	NV	30	-13.07	-0.018473	±2.5	PASS
Band12	Stand-Alone	15kHz	BPSK	23095	1@0	NV	40	-10.57	-0.014940	±2.5	PASS
Band12	Stand-Alone	15kHz	BPSK	23095	1@0	NV	50	-11.26	-0.015915	±2.5	PASS
Band12	Stand-Alone	15kHz	QPSK	23095	1@0	NV	-30	-10.63	-0.015025	±2.5	PASS
Band12	Stand-Alone	15kHz	QPSK	23095	1@0	NV	-20	-8.27	-0.011689	±2.5	PASS
Band12	Stand-Alone	15kHz	QPSK	23095	1@0	NV	-10	-7.90	-0.011166	±2.5	PASS
Band12	Stand-Alone	15kHz	QPSK	23095	1@0	NV	0	-9.94	-0.014049	±2.5	PASS
Band12	Stand-Alone	15kHz	QPSK	23095	1@0	NV	10	-8.81	-0.012452	±2.5	PASS
Band12	Stand-Alone	15kHz	QPSK	23095	1@0	NV	20	-9.03	-0.012763	±2.5	PASS
Band12	Stand-Alone	15kHz	QPSK	23095	1@0	NV	30	-9.64	-0.013625	±2.5	PASS
Band12	Stand-Alone	15kHz	QPSK	23095	1@0	NV	40	-9.56	-0.013512	±2.5	PASS
Band12	Stand-Alone	15kHz	QPSK	23095	1@0	NV	50	-8.13	-0.011491	±2.5	PASS
Band13	Stand-Alone	3.75kHz	BPSK	23230	1@0	NV	-30	-16.25	-0.020780	±2.5	PASS
Band13	Stand-Alone	3.75kHz	BPSK	23230	1@0	NV	-20	-16.24	-0.020767	±2.5	PASS
Band13	Stand-Alone	3.75kHz	BPSK	23230	1@0	NV	-10	-15.02	-0.019207	±2.5	PASS
Band13	Stand-Alone	3.75kHz	BPSK	23230	1@0	NV	0	-17.68	-0.022609	±2.5	PASS
Band13	Stand-Alone	3.75kHz	BPSK	23230	1@0	NV	10	-17.71	-0.022647	±2.5	PASS
Band13	Stand-Alone	3.75kHz	BPSK	23230	1@0	NV	20	-17.08	-0.021841	±2.5	PASS
Band13	Stand-Alone	3.75kHz	BPSK	23230	1@0	NV	30	-15.98	-0.020435	±2.5	PASS
Band13	Stand-Alone	3.75kHz	BPSK	23230	1@0	NV	40	-14.72	-0.018824	±2.5	PASS
Band13	Stand-Alone	3.75kHz	BPSK	23230	1@0	NV	50	-15.96	-0.020409	±2.5	PASS
Band13	Stand-Alone	3.75kHz	QPSK	23230	1@0	NV	-30	-12.86	-0.016445	±2.5	PASS
Band13	Stand-Alone	3.75kHz	QPSK	23230	1@0	NV	-20	-13.03	-0.016662	±2.5	PASS
Band13	Stand-Alone	3.75kHz	QPSK	23230	1@0	NV	-10	-12.97	-0.016586	±2.5	PASS
Band13	Stand-Alone	3.75kHz	QPSK	23230	1@0	NV	0	-12.20	-0.015601	±2.5	PASS
Band13	Stand-Alone	3.75kHz	QPSK	23230	1@0	NV	10	-13.23	-0.016918	±2.5	PASS
Band13	Stand-Alone	3.75kHz	QPSK	23230	1@0	NV	20	-12.89	-0.016483	±2.5	PASS
Band13	Stand-Alone	3.75kHz	QPSK	23230	1@0	NV	30	-12.02	-0.015371	±2.5	PASS
Band13	Stand-Alone	3.75kHz	QPSK	23230	1@0	NV	40	-13.40	-0.017136	±2.5	PASS
Band13	Stand-Alone	3.75kHz	QPSK	23230	1@0	NV	50	-13.35	-0.017072	±2.5	PASS
Band13	Stand-Alone	15kHz	BPSK	23230	1@0	NV	-30	-16.19	-0.020703	±2.5	PASS
Band13	Stand-Alone	15kHz	BPSK	23230	1@0	NV	-20	-18.00	-0.023018	±2.5	PASS
Band13	Stand-Alone	15kHz	BPSK	23230	1@0	NV	-10	-16.04	-0.020512	±2.5	PASS
Band13	Stand-Alone	15kHz	BPSK	23230	1@0	NV	0	-16.87	-0.021573	±2.5	PASS

Band13	Stand-Alone	15kHz	BPSK	23230	1@0	NV	10	-16.39	-0.020959	±2.5	PASS
Band13	Stand-Alone	15kHz	BPSK	23230	1@0	NV	20	-19.58	-0.025038	±2.5	PASS
Band13	Stand-Alone	15kHz	BPSK	23230	1@0	NV	30	-18.35	-0.023465	±2.5	PASS
Band13	Stand-Alone	15kHz	BPSK	23230	1@0	NV	40	-17.90	-0.022890	±2.5	PASS
Band13	Stand-Alone	15kHz	BPSK	23230	1@0	NV	50	-16.31	-0.020857	±2.5	PASS
Band13	Stand-Alone	15kHz	QPSK	23230	1@0	NV	-30	-15.54	-0.019872	±2.5	PASS
Band13	Stand-Alone	15kHz	QPSK	23230	1@0	NV	-20	-16.54	-0.021151	±2.5	PASS
Band13	Stand-Alone	15kHz	QPSK	23230	1@0	NV	-10	-15.29	-0.019552	±2.5	PASS
Band13	Stand-Alone	15kHz	QPSK	23230	1@0	NV	0	-17.71	-0.022647	±2.5	PASS
Band13	Stand-Alone	15kHz	QPSK	23230	1@0	NV	10	-16.25	-0.020780	±2.5	PASS
Band13	Stand-Alone	15kHz	QPSK	23230	1@0	NV	20	-14.85	-0.018990	±2.5	PASS
Band13	Stand-Alone	15kHz	QPSK	23230	1@0	NV	30	-17.37	-0.022212	±2.5	PASS
Band13	Stand-Alone	15kHz	QPSK	23230	1@0	NV	40	-14.91	-0.019066	±2.5	PASS
Band13	Stand-Alone	15kHz	QPSK	23230	1@0	NV	50	-15.38	-0.019668	±2.5	PASS
Band2	Stand-Alone	3.75kHz	BPSK	18900	1@0	NV	-30	-33.87	-0.018016	±2.5	PASS
Band2	Stand-Alone	3.75kHz	BPSK	18900	1@0	NV	-20	-44.07	-0.023441	±2.5	PASS
Band2	Stand-Alone	3.75kHz	BPSK	18900	1@0	NV	-10	-32.97	-0.017537	±2.5	PASS
Band2	Stand-Alone	3.75kHz	BPSK	18900	1@0	NV	0	-34.82	-0.018521	±2.5	PASS
Band2	Stand-Alone	3.75kHz	BPSK	18900	1@0	NV	10	-36.72	-0.019532	±2.5	PASS
Band2	Stand-Alone	3.75kHz	BPSK	18900	1@0	NV	20	-38.07	-0.020250	±2.5	PASS
Band2	Stand-Alone	3.75kHz	BPSK	18900	1@0	NV	30	-40.11	-0.021335	±2.5	PASS
Band2	Stand-Alone	3.75kHz	BPSK	18900	1@0	NV	40	-43.03	-0.022888	±2.5	PASS
Band2	Stand-Alone	3.75kHz	BPSK	18900	1@0	NV	50	-32.07	-0.017059	±2.5	PASS
Band2	Stand-Alone	3.75kHz	QPSK	18900	1@0	NV	-30	-31.36	-0.016681	±2.5	PASS
Band2	Stand-Alone	3.75kHz	QPSK	18900	1@0	NV	-20	-29.71	-0.015803	±2.5	PASS
Band2	Stand-Alone	3.75kHz	QPSK	18900	1@0	NV	-10	-29.73	-0.015814	±2.5	PASS
Band2	Stand-Alone	3.75kHz	QPSK	18900	1@0	NV	0	-27.48	-0.014617	±2.5	PASS
Band2	Stand-Alone	3.75kHz	QPSK	18900	1@0	NV	10	-27.19	-0.014463	±2.5	PASS
Band2	Stand-Alone	3.75kHz	QPSK	18900	1@0	NV	20	-28.11	-0.014952	±2.5	PASS
Band2	Stand-Alone	3.75kHz	QPSK	18900	1@0	NV	30	-32.60	-0.017340	±2.5	PASS
Band2	Stand-Alone	3.75kHz	QPSK	18900	1@0	NV	40	-24.75	-0.013165	±2.5	PASS
Band2	Stand-Alone	3.75kHz	QPSK	18900	1@0	NV	50	-31.30	-0.016649	±2.5	PASS
Band2	Stand-Alone	15kHz	BPSK	18900	1@0	NV	-30	-53.29	-0.028346	±2.5	PASS
Band2	Stand-Alone	15kHz	BPSK	18900	1@0	NV	-20	-49.68	-0.026426	±2.5	PASS
Band2	Stand-Alone	15kHz	BPSK	18900	1@0	NV	-10	-52.93	-0.028154	±2.5	PASS
Band2	Stand-Alone	15kHz	BPSK	18900	1@0	NV	0	-45.92	-0.024426	±2.5	PASS
Band2	Stand-Alone	15kHz	BPSK	18900	1@0	NV	10	-54.86	-0.029181	±2.5	PASS
Band2	Stand-Alone	15kHz	BPSK	18900	1@0	NV	20	-50.30	-0.026755	±2.5	PASS
Band2	Stand-Alone	15kHz	BPSK	18900	1@0	NV	30	-54.90	-0.029202	±2.5	PASS
Band2	Stand-Alone	15kHz	BPSK	18900	1@0	NV	40	-50.45	-0.026835	±2.5	PASS
Band2	Stand-Alone	15kHz	BPSK	18900	1@0	NV	50	-49.70	-0.026436	±2.5	PASS
Band2	Stand-Alone	15kHz	QPSK	18900	1@0	NV	-30	-49.21	-0.026176	±2.5	PASS
Band2	Stand-Alone	15kHz	QPSK	18900	1@0	NV	-20	-45.46	-0.024181	±2.5	PASS

Band2	Stand-Alone	15kHz	QPSK	18900	1@0	NV	-10	-40.14	-0.021351	±2.5	PASS
Band2	Stand-Alone	15kHz	QPSK	18900	1@0	NV	0	-40.61	-0.021601	±2.5	PASS
Band2	Stand-Alone	15kHz	QPSK	18900	1@0	NV	10	-42.33	-0.022516	±2.5	PASS
Band2	Stand-Alone	15kHz	QPSK	18900	1@0	NV	20	-49.22	-0.026181	±2.5	PASS
Band2	Stand-Alone	15kHz	QPSK	18900	1@0	NV	30	-46.45	-0.024707	±2.5	PASS
Band2	Stand-Alone	15kHz	QPSK	18900	1@0	NV	40	-44.43	-0.023633	±2.5	PASS
Band2	Stand-Alone	15kHz	QPSK	18900	1@0	NV	50	-49.61	-0.026388	±2.5	PASS
Band4	Stand-Alone	3.75kHz	BPSK	20175	1@0	NV	-30	-39.98	-0.023076	±2.5	PASS
Band4	Stand-Alone	3.75kHz	BPSK	20175	1@0	NV	-20	-41.51	-0.023960	±2.5	PASS
Band4	Stand-Alone	3.75kHz	BPSK	20175	1@0	NV	-10	-45.45	-0.026234	±2.5	PASS
Band4	Stand-Alone	3.75kHz	BPSK	20175	1@0	NV	0	-43.92	-0.025351	±2.5	PASS
Band4	Stand-Alone	3.75kHz	BPSK	20175	1@0	NV	10	-38.34	-0.022130	±2.5	PASS
Band4	Stand-Alone	3.75kHz	BPSK	20175	1@0	NV	20	-44.90	-0.025916	±2.5	PASS
Band4	Stand-Alone	3.75kHz	BPSK	20175	1@0	NV	30	-41.87	-0.024167	±2.5	PASS
Band4	Stand-Alone	3.75kHz	BPSK	20175	1@0	NV	40	-48.18	-0.027810	±2.5	PASS
Band4	Stand-Alone	3.75kHz	BPSK	20175	1@0	NV	50	-46.73	-0.026973	±2.5	PASS
Band4	Stand-Alone	3.75kHz	QPSK	20175	1@0	NV	-30	-30.44	-0.017570	±2.5	PASS
Band4	Stand-Alone	3.75kHz	QPSK	20175	1@0	NV	-20	-32.59	-0.018811	±2.5	PASS
Band4	Stand-Alone	3.75kHz	QPSK	20175	1@0	NV	-10	-30.81	-0.017784	±2.5	PASS
Band4	Stand-Alone	3.75kHz	QPSK	20175	1@0	NV	0	-32.07	-0.018511	±2.5	PASS
Band4	Stand-Alone	3.75kHz	QPSK	20175	1@0	NV	10	-31.77	-0.018338	±2.5	PASS
Band4	Stand-Alone	3.75kHz	QPSK	20175	1@0	NV	20	-31.43	-0.018141	±2.5	PASS
Band4	Stand-Alone	3.75kHz	QPSK	20175	1@0	NV	30	-32.63	-0.018834	±2.5	PASS
Band4	Stand-Alone	3.75kHz	QPSK	20175	1@0	NV	40	-29.11	-0.016802	±2.5	PASS
Band4	Stand-Alone	3.75kHz	QPSK	20175	1@0	NV	50	-30.13	-0.017391	±2.5	PASS
Band4	Stand-Alone	15kHz	BPSK	20175	1@0	NV	-30	-35.93	-0.020739	±2.5	PASS
Band4	Stand-Alone	15kHz	BPSK	20175	1@0	NV	-20	-38.17	-0.022032	±2.5	PASS
Band4	Stand-Alone	15kHz	BPSK	20175	1@0	NV	-10	-35.82	-0.020675	±2.5	PASS
Band4	Stand-Alone	15kHz	BPSK	20175	1@0	NV	0	-32.67	-0.018857	±2.5	PASS
Band4	Stand-Alone	15kHz	BPSK	20175	1@0	NV	10	-37.21	-0.021478	±2.5	PASS
Band4	Stand-Alone	15kHz	BPSK	20175	1@0	NV	20	-35.48	-0.020479	±2.5	PASS
Band4	Stand-Alone	15kHz	BPSK	20175	1@0	NV	30	-36.58	-0.021114	±2.5	PASS
Band4	Stand-Alone	15kHz	BPSK	20175	1@0	NV	40	-34.88	-0.020133	±2.5	PASS
Band4	Stand-Alone	15kHz	BPSK	20175	1@0	NV	50	-34.70	-0.020029	±2.5	PASS
Band4	Stand-Alone	15kHz	QPSK	20175	1@0	NV	-30	-26.84	-0.015492	±2.5	PASS
Band4	Stand-Alone	15kHz	QPSK	20175	1@0	NV	-20	-30.61	-0.017668	±2.5	PASS
Band4	Stand-Alone	15kHz	QPSK	20175	1@0	NV	-10	-31.37	-0.018107	±2.5	PASS
Band4	Stand-Alone	15kHz	QPSK	20175	1@0	NV	0	-34.62	-0.019983	±2.5	PASS
Band4	Stand-Alone	15kHz	QPSK	20175	1@0	NV	10	-33.59	-0.019388	±2.5	PASS
Band4	Stand-Alone	15kHz	QPSK	20175	1@0	NV	20	-31.90	-0.018413	±2.5	PASS
Band4	Stand-Alone	15kHz	QPSK	20175	1@0	NV	30	-30.16	-0.017408	±2.5	PASS
Band4	Stand-Alone	15kHz	QPSK	20175	1@0	NV	40	-30.61	-0.017668	±2.5	PASS
Band4	Stand-Alone	15kHz	QPSK	20175	1@0	NV	50	-32.83	-0.018949	±2.5	PASS

Band66	Stand-Alone	3.75kHz	BPSK	132322	1@0	NV	-30	-26.35	-0.015100	±2.5	PASS
Band66	Stand-Alone	3.75kHz	BPSK	132322	1@0	NV	-20	-23.16	-0.013272	±2.5	PASS
Band66	Stand-Alone	3.75kHz	BPSK	132322	1@0	NV	-10	-37.62	-0.021559	±2.5	PASS
Band66	Stand-Alone	3.75kHz	BPSK	132322	1@0	NV	0	-34.75	-0.019914	±2.5	PASS
Band66	Stand-Alone	3.75kHz	BPSK	132322	1@0	NV	10	-31.87	-0.018264	±2.5	PASS
Band66	Stand-Alone	3.75kHz	BPSK	132322	1@0	NV	20	-30.43	-0.017438	±2.5	PASS
Band66	Stand-Alone	3.75kHz	BPSK	132322	1@0	NV	30	-25.38	-0.014544	±2.5	PASS
Band66	Stand-Alone	3.75kHz	BPSK	132322	1@0	NV	40	-23.89	-0.013691	±2.5	PASS
Band66	Stand-Alone	3.75kHz	BPSK	132322	1@0	NV	50	-24.95	-0.014298	±2.5	PASS
Band66	Stand-Alone	3.75kHz	QPSK	132322	1@0	NV	-30	-20.50	-0.011748	±2.5	PASS
Band66	Stand-Alone	3.75kHz	QPSK	132322	1@0	NV	-20	-18.22	-0.010441	±2.5	PASS
Band66	Stand-Alone	3.75kHz	QPSK	132322	1@0	NV	-10	-21.54	-0.012344	±2.5	PASS
Band66	Stand-Alone	3.75kHz	QPSK	132322	1@0	NV	0	-22.87	-0.013106	±2.5	PASS
Band66	Stand-Alone	3.75kHz	QPSK	132322	1@0	NV	10	-21.47	-0.012304	±2.5	PASS
Band66	Stand-Alone	3.75kHz	QPSK	132322	1@0	NV	20	-25.94	-0.014865	±2.5	PASS
Band66	Stand-Alone	3.75kHz	QPSK	132322	1@0	NV	30	-23.03	-0.013198	±2.5	PASS
Band66	Stand-Alone	3.75kHz	QPSK	132322	1@0	NV	40	-18.08	-0.010361	±2.5	PASS
Band66	Stand-Alone	3.75kHz	QPSK	132322	1@0	NV	50	-22.73	-0.013026	±2.5	PASS
Band66	Stand-Alone	15kHz	BPSK	132322	1@0	NV	-30	-43.03	-0.024659	±2.5	PASS
Band66	Stand-Alone	15kHz	BPSK	132322	1@0	NV	-20	-41.61	-0.023845	±2.5	PASS
Band66	Stand-Alone	15kHz	BPSK	132322	1@0	NV	-10	-41.13	-0.023570	±2.5	PASS
Band66	Stand-Alone	15kHz	BPSK	132322	1@0	NV	0	-41.79	-0.023948	±2.5	PASS
Band66	Stand-Alone	15kHz	BPSK	132322	1@0	NV	10	-42.67	-0.024453	±2.5	PASS
Band66	Stand-Alone	15kHz	BPSK	132322	1@0	NV	20	-41.46	-0.023759	±2.5	PASS
Band66	Stand-Alone	15kHz	BPSK	132322	1@0	NV	30	-44.37	-0.025427	±2.5	PASS
Band66	Stand-Alone	15kHz	BPSK	132322	1@0	NV	40	-44.33	-0.025404	±2.5	PASS
Band66	Stand-Alone	15kHz	BPSK	132322	1@0	NV	50	-45.59	-0.026126	±2.5	PASS
Band66	Stand-Alone	15kHz	QPSK	132322	1@0	NV	-30	-35.22	-0.020183	±2.5	PASS
Band66	Stand-Alone	15kHz	QPSK	132322	1@0	NV	-20	-42.36	-0.024275	±2.5	PASS
Band66	Stand-Alone	15kHz	QPSK	132322	1@0	NV	-10	-37.75	-0.021633	±2.5	PASS
Band66	Stand-Alone	15kHz	QPSK	132322	1@0	NV	0	-33.96	-0.019461	±2.5	PASS
Band66	Stand-Alone	15kHz	QPSK	132322	1@0	NV	10	-30.54	-0.017501	±2.5	PASS
Band66	Stand-Alone	15kHz	QPSK	132322	1@0	NV	20	-37.11	-0.021266	±2.5	PASS
Band66	Stand-Alone	15kHz	QPSK	132322	1@0	NV	30	-38.68	-0.022166	±2.5	PASS
Band66	Stand-Alone	15kHz	QPSK	132322	1@0	NV	40	-36.03	-0.020648	±2.5	PASS
Band66	Stand-Alone	15kHz	QPSK	132322	1@0	NV	50	-38.54	-0.022086	±2.5	PASS

Appendix G: ERP and EIRP

Test Result

Band	SCS	Modulation	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP		Limit (W)	Verdict
					(dBm)	(W)		
Band 2	3.75kHz	BPSK	20.77	5.00	25.77	0.3776	2	PASS
		QPSK	20.71	5.00	25.71	0.3724	2	PASS
	15kHz	BPSK	20.39	5.00	25.39	0.3459	2	PASS
		QPSK	20.44	5.00	25.44	0.3499	2	PASS
Band 4	3.75kHz	BPSK	20.71	5.00	25.71	0.3724	1	PASS
		QPSK	20.69	5.00	25.69	0.3707	1	PASS
	15kHz	BPSK	20.53	5.00	25.53	0.3573	1	PASS
		QPSK	20.51	5.00	25.51	0.3556	1	PASS
Band 66	3.75kHz	BPSK	20.84	5.00	25.84	0.3837	1	PASS
		QPSK	20.77	5.00	25.77	0.3776	1	PASS
	15kHz	BPSK	20.51	5.00	25.51	0.3556	1	PASS
		QPSK	20.49	5.00	25.49	0.3540	1	PASS

Band	SCS	Modulation	Conducted Power (dBm)	Antenna Gain (dBi)	ERP		Limit (W)	Verdict
					(dBm)	(W)		
Band 12	3.75kHz	BPSK	20.63	5.00	23.48	0.2228	3	PASS
		QPSK	20.66	5.00	23.51	0.2244	3	PASS
	15kHz	BPSK	20.65	5.00	23.50	0.2239	3	PASS
		QPSK	20.67	5.00	23.52	0.2249	3	PASS
Band 13	3.75kHz	BPSK	20.71	5.00	23.56	0.2270	3	PASS
		QPSK	20.81	5.00	23.66	0.2323	3	PASS
	15kHz	BPSK	20.76	5.00	23.61	0.2296	3	PASS
		QPSK	20.85	5.00	23.70	0.2344	3	PASS

-----End of the Report -----