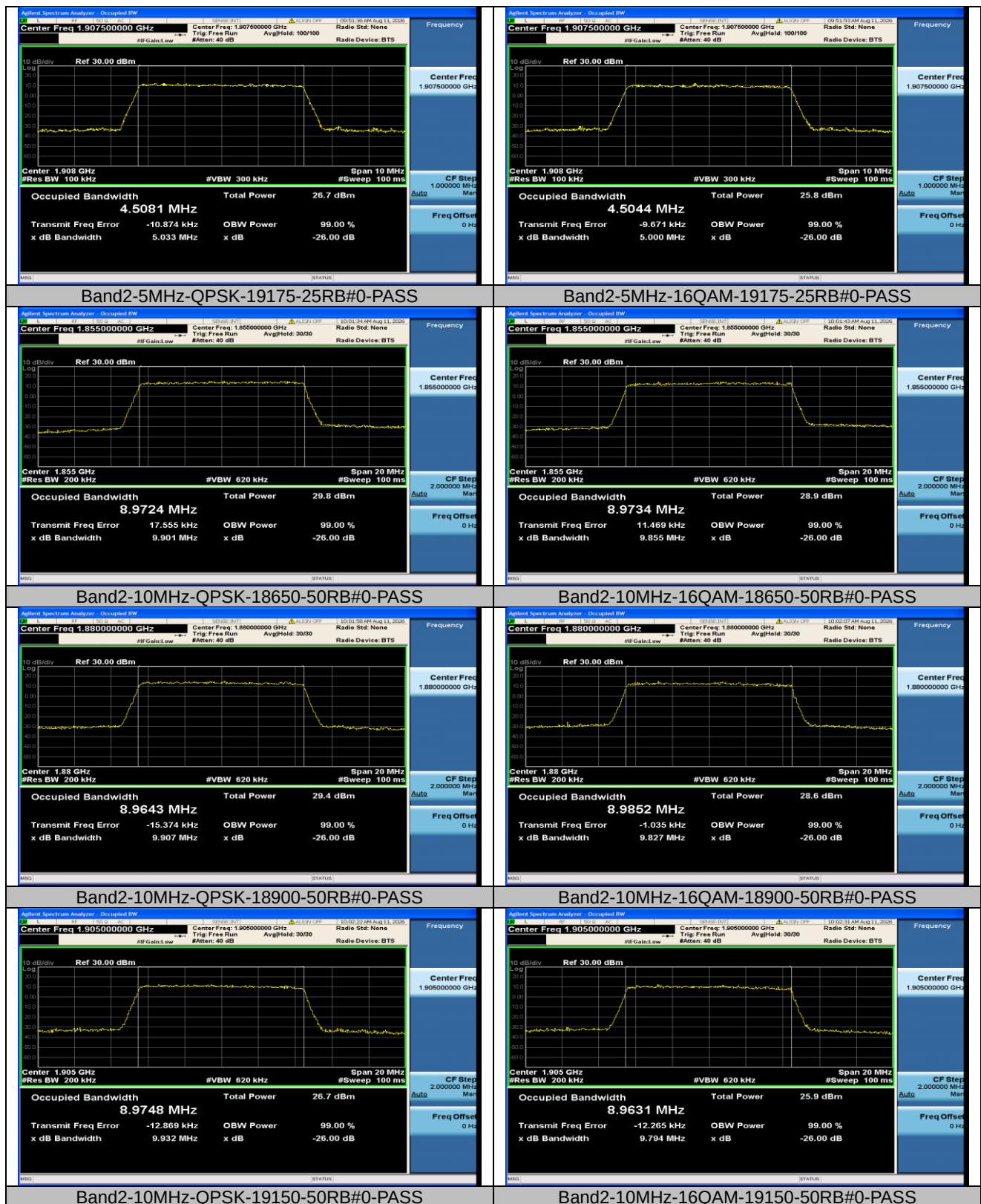
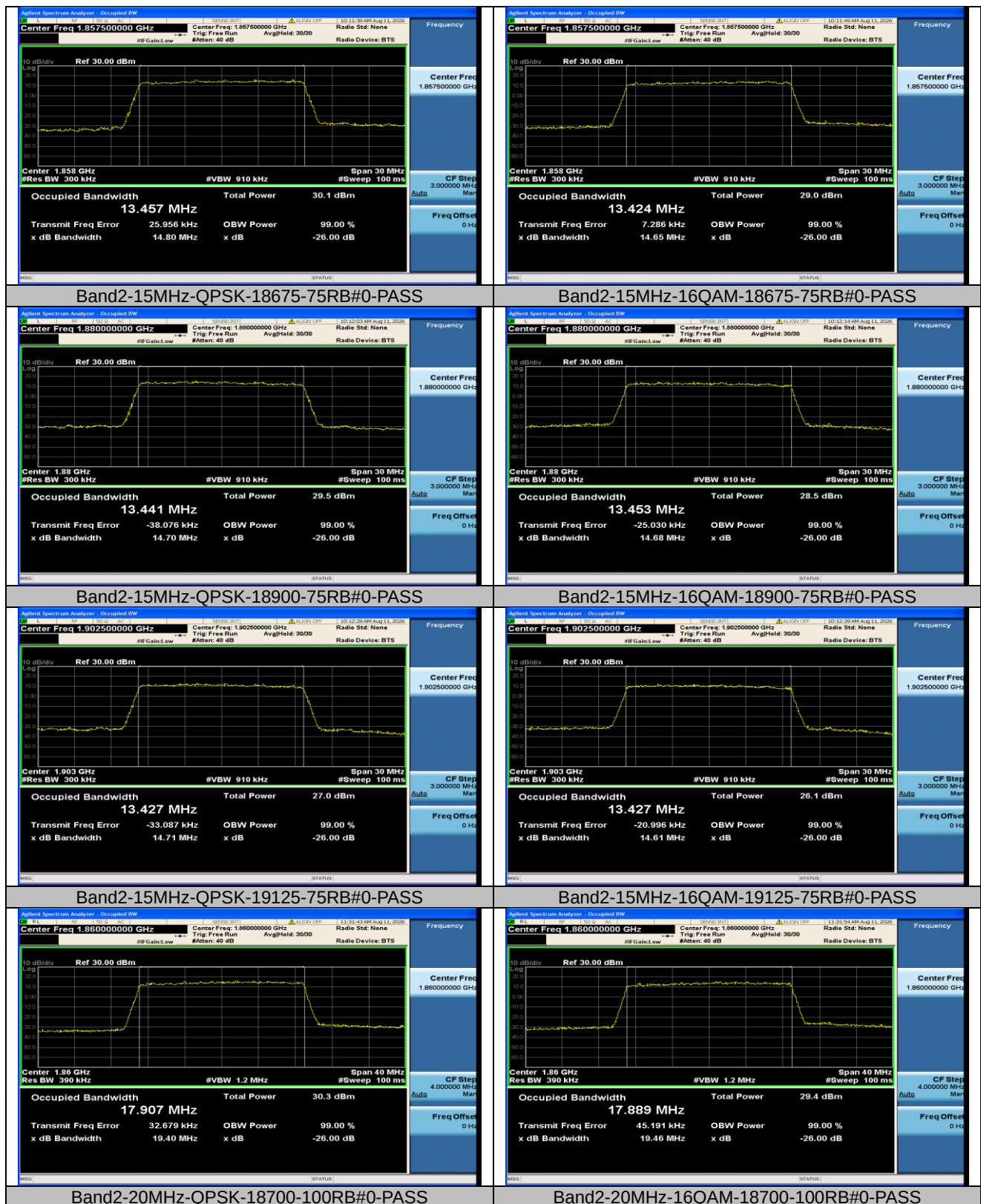
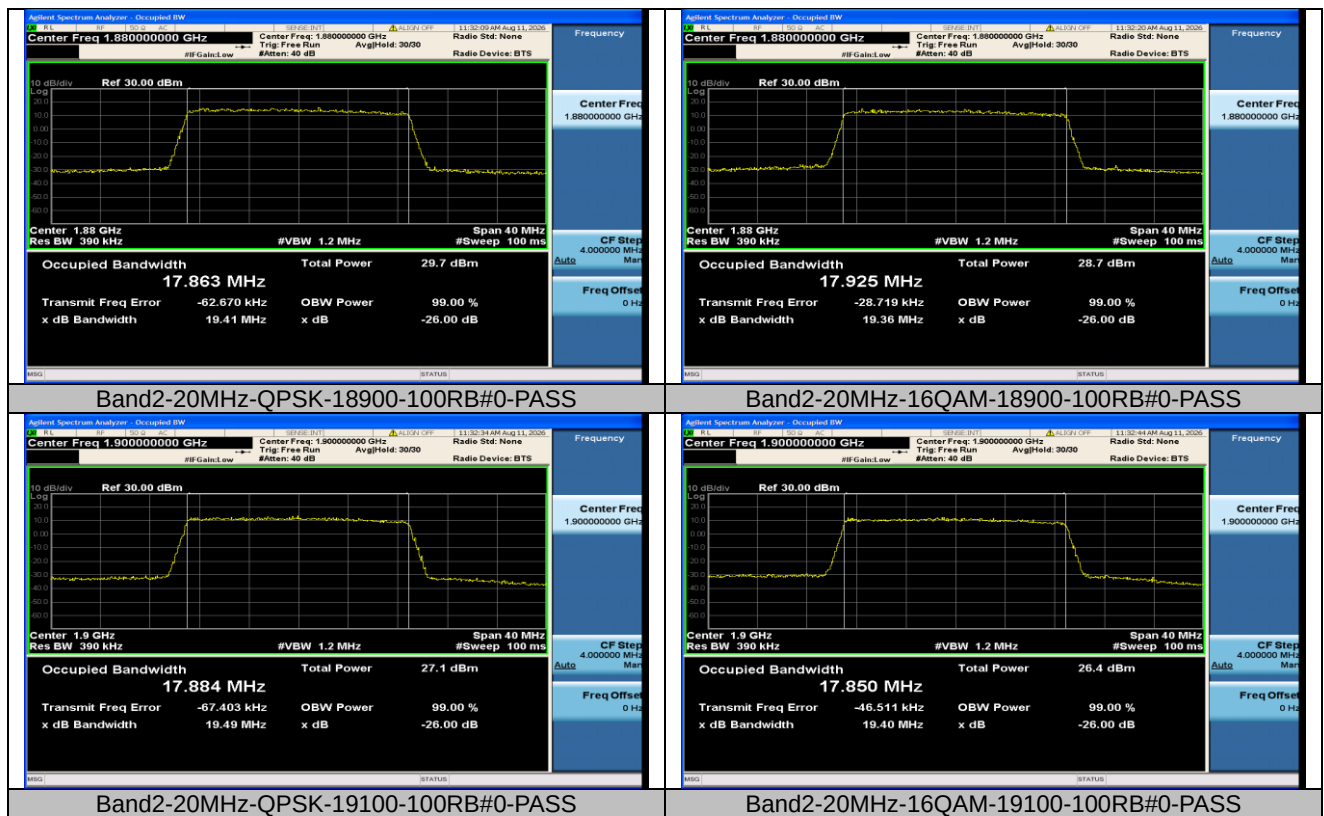








APPENDIX D: FREQUENCY STABILITY

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-30	-5.97	-0.003226	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-20	-5.28	-0.002853	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-10	-7.34	-0.003966	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	0	-4.86	-0.002626	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	10	4.81	0.002599	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	20	-6.39	-0.003453	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	30	-7.44	-0.004020	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	40	-4.33	-0.002340	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	50	-7.04	-0.003804	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-30	-6.22	-0.003361	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-20	-8.15	-0.004404	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-10	-4.38	-0.002367	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	0	-5.44	-0.002939	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	10	-6.72	-0.003631	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	20	-5.95	-0.003215	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	30	-7.60	-0.004107	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	40	-5.56	-0.003004	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	50	-4.12	-0.002226	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-30	-7.58	-0.004032	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-20	-7.85	-0.004176	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-10	-10.13	-0.005388	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	0	-11.17	-0.005941	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	10	-8.13	-0.004324	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	20	-8.61	-0.004580	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	30	-10.27	-0.005463	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	40	-6.54	-0.003479	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	50	-5.76	-0.003064	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-30	-6.18	-0.003287	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-20	-8.21	-0.004367	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-10	-6.11	-0.003250	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	0	-7.85	-0.004176	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	10	-9.98	-0.005309	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	20	-9.17	-0.004878	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	30	-3.92	-0.002085	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	40	-9.00	-0.004787	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	50	-5.12	-0.002723	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-30	6.18	0.003237	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-20	-6.38	-0.003342	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-10	-3.98	-0.002085	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	0	4.25	0.002226	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	10	4.99	0.002614	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	20	5.66	0.002964	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	30	-5.06	-0.002650	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	40	-3.59	-0.001880	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	50	-2.56	-0.001341	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-30	2.56	0.001341	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-20	4.45	0.002331	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-10	-4.86	-0.002545	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	0	5.91	0.003095	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	10	4.56	0.002388	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	20	4.18	0.002189	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	30	-6.77	-0.003546	±2.5	PASS

Band2	1.4MHz	16QAM	19193	6RB#0	NV	40	-4.71	-0.002467	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	50	4.01	0.002100	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	-30	-5.22	-0.002819	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	-20	-3.88	-0.002096	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	-10	6.12	0.003305	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	0	-4.82	-0.002603	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	10	-6.69	-0.003613	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	20	-5.68	-0.003068	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	30	-9.38	-0.005066	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	40	-6.62	-0.003575	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	50	-6.81	-0.003678	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	-30	-8.55	-0.004618	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	-20	-10.96	-0.005920	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	-10	-5.36	-0.002895	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	0	-7.10	-0.003835	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	10	-3.58	-0.001934	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	20	-8.14	-0.004396	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	30	-4.33	-0.002339	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	40	-10.03	-0.005417	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	50	-9.56	-0.005163	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-30	-6.25	-0.003324	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-20	-10.26	-0.005457	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-10	-8.23	-0.004378	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	0	-5.48	-0.002915	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	10	-6.48	-0.003447	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	20	-12.17	-0.006473	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	30	-12.06	-0.006415	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	40	-6.52	-0.003468	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	50	-6.90	-0.003670	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-30	-7.84	-0.004170	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-20	-7.05	-0.003750	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-10	-7.41	-0.003941	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	0	-4.16	-0.002213	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	10	-6.17	-0.003282	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	20	-5.99	-0.003186	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	30	-4.85	-0.002580	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	40	-6.81	-0.003622	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	50	-7.35	-0.003910	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	-30	-9.31	-0.004878	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	-20	5.52	0.002892	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	-10	6.29	0.003296	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	0	-4.49	-0.002353	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	10	-3.32	-0.001740	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	20	-3.73	-0.001954	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	30	-6.31	-0.003306	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	40	3.55	0.001860	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	50	-3.66	-0.001918	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	-30	-5.56	-0.002913	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	-20	9.63	0.005046	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	-10	5.14	0.002693	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	0	-5.68	-0.002976	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	10	4.12	0.002159	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	20	6.69	0.003505	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	30	-6.21	-0.003254	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	40	6.78	0.003553	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	50	-4.38	-0.002295	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	-30	-5.38	-0.002904	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	-20	-5.98	-0.003228	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	-10	-5.62	-0.003034	±2.5	PASS

Band2	5MHz	QPSK	18625	25RB#0	NV	0	-2.52	-0.001360	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	10	-5.69	-0.003072	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	20	-3.98	-0.002148	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	30	-5.14	-0.002775	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	40	-7.32	-0.003951	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	50	-9.27	-0.005004	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	-30	-6.11	-0.003298	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	-20	-7.60	-0.004103	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	-10	-6.51	-0.003514	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	0	-6.49	-0.003503	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	10	-7.97	-0.004302	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	20	-6.95	-0.003752	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	30	-9.07	-0.004896	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	40	-8.58	-0.004632	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	50	-8.07	-0.004356	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-30	-9.41	-0.005005	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-20	-10.21	-0.005431	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-10	-10.36	-0.005511	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	0	-4.69	-0.002495	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	10	-7.32	-0.003894	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	20	-5.38	-0.002862	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	30	-8.01	-0.004261	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	40	-11.10	-0.005904	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	50	-6.64	-0.003532	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-30	-7.84	-0.004170	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-20	-8.70	-0.004628	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-10	-5.88	-0.003128	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	0	-7.72	-0.004106	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	10	-2.86	-0.001521	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	20	-5.59	-0.002973	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	30	-7.14	-0.003798	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	40	-8.65	-0.004601	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	50	-5.58	-0.002968	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	-30	-6.57	-0.003444	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	-20	-3.33	-0.001746	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	-10	4.79	0.002511	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	0	-2.98	-0.001562	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	10	7.31	0.003832	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	20	6.29	0.003298	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	30	6.47	0.003392	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	40	4.46	0.002338	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	50	3.63	0.001903	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	-30	4.52	0.002370	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	-20	-5.61	-0.002941	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	-10	-5.45	-0.002857	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	0	-4.73	-0.002480	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	10	2.29	0.001201	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	20	5.19	0.002721	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	30	-7.62	-0.003995	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	40	-4.32	-0.002265	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	50	3.28	0.001720	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-30	-5.42	-0.002922	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-20	6.32	0.003407	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-10	-6.32	-0.003407	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	0	-4.46	-0.002404	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	10	-8.00	-0.004313	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	20	-6.71	-0.003617	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	30	-7.55	-0.004070	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	40	-4.41	-0.002377	±2.5	PASS

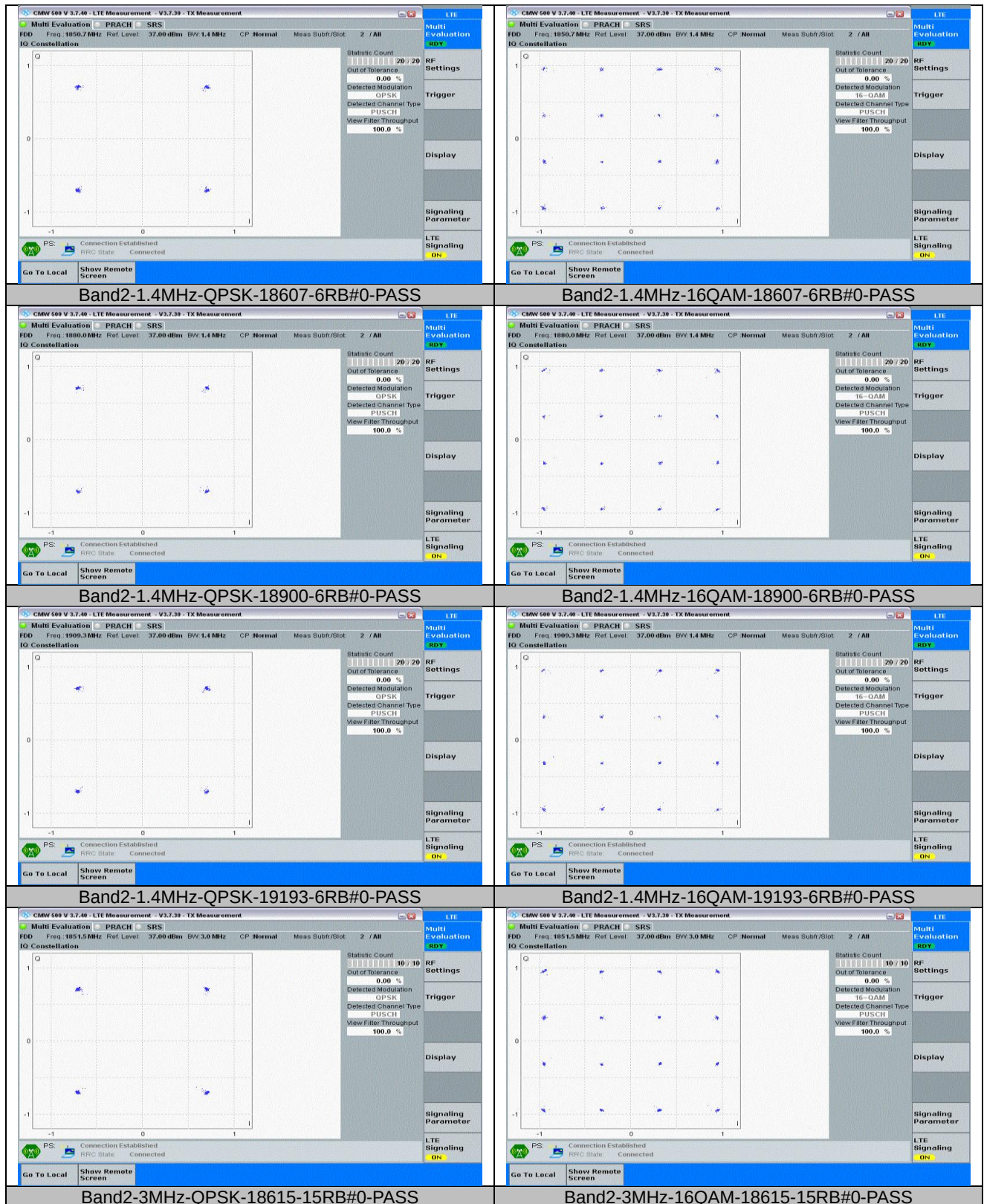
Band2	10MHz	QPSK	18650	50RB#0	NV	50	-8.54	-0.004604	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-30	-7.14	-0.003849	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-20	-4.59	-0.002474	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-10	-5.98	-0.003224	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	0	-4.35	-0.002345	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	10	-6.65	-0.003585	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	20	-5.51	-0.002970	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	30	-6.42	-0.003461	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	40	-8.44	-0.004550	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	50	-5.75	-0.003100	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-30	-6.07	-0.003229	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-20	-4.42	-0.002351	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-10	-6.01	-0.003197	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	0	-5.78	-0.003074	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	10	-6.54	-0.003479	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	20	-8.14	-0.004330	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	30	-9.81	-0.005218	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	40	-6.85	-0.003644	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	50	-8.14	-0.004330	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-30	-7.07	-0.003761	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-20	-8.64	-0.004596	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-10	-8.21	-0.004367	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	0	-4.98	-0.002649	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	10	-7.77	-0.004133	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	20	-12.57	-0.006686	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	30	-9.27	-0.004931	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	40	-7.62	-0.004053	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	50	-8.78	-0.004670	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-30	5.62	0.002950	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-20	6.37	0.003344	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-10	3.36	0.001764	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	0	6.51	0.003417	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	10	-4.18	-0.002194	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	20	-4.38	-0.002299	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	30	5.71	0.002997	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	40	-3.32	-0.001743	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	50	-5.35	-0.002808	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	-30	5.66	0.002971	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	-20	5.02	0.002635	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	-10	6.18	0.003244	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	0	4.03	0.002115	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	10	-3.46	-0.001816	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	20	5.87	0.003081	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	30	5.19	0.002724	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	40	6.18	0.003244	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	50	-4.99	-0.002619	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	-30	-9.41	-0.005066	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	-20	-4.98	-0.002681	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	-10	-9.24	-0.004974	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	0	-9.03	-0.004861	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	10	-5.92	-0.003187	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	20	-8.28	-0.004458	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	30	-6.54	-0.003521	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	40	-8.41	-0.004528	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	50	-9.37	-0.005044	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	-30	-5.64	-0.003036	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	-20	-6.09	-0.003279	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	-10	-4.48	-0.002412	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	0	-7.87	-0.004237	±2.5	PASS

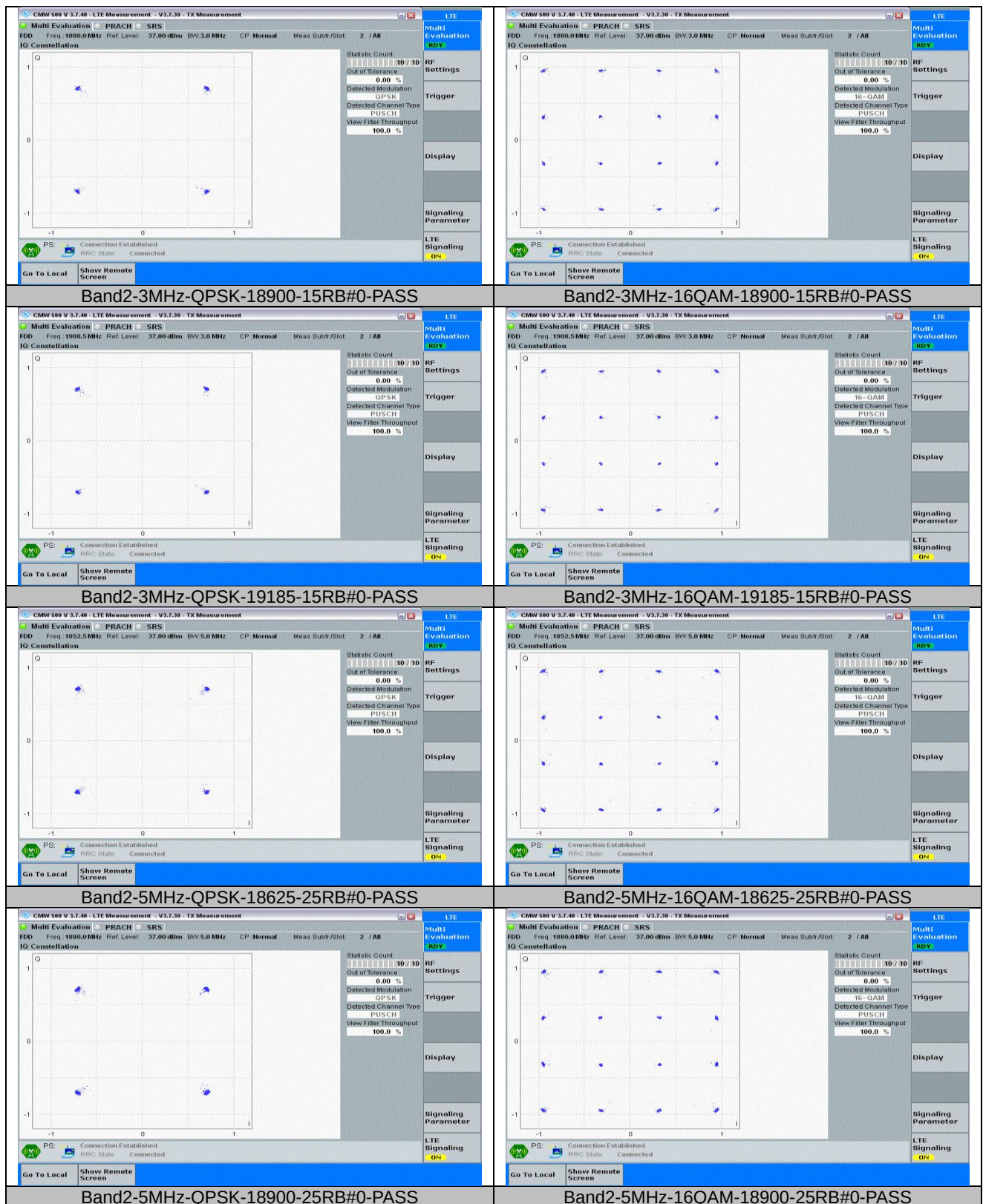
Band2	15MHz	16QAM	18675	75RB#0	NV	10	-8.60	-0.004630	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	20	-9.56	-0.005147	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	30	-6.29	-0.003386	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	40	-5.31	-0.002859	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	50	-7.47	-0.004022	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-30	-6.88	-0.003660	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-20	-4.55	-0.002420	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-10	-6.31	-0.003356	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	0	-6.61	-0.003516	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	10	-5.42	-0.002883	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	20	-9.93	-0.005282	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	30	-8.75	-0.004654	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	40	-5.35	-0.002846	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	50	-6.07	-0.003229	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-30	-7.54	-0.004011	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-20	-6.34	-0.003372	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-10	-7.88	-0.004191	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	0	-5.99	-0.003186	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	10	-8.08	-0.004298	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	20	-7.02	-0.003734	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	30	-8.94	-0.004755	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	40	-7.70	-0.004096	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	50	-6.41	-0.003410	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	-30	-4.18	-0.002197	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	-20	5.24	0.002754	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	-10	-11.80	-0.006202	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	0	-8.63	-0.004536	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	10	-7.17	-0.003769	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	20	-7.77	-0.004084	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	30	-8.83	-0.004641	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	40	-6.57	-0.003453	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	50	-7.58	-0.003984	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	-30	-9.14	-0.004804	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	-20	-7.95	-0.004179	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	-10	-8.41	-0.004420	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	0	-8.54	-0.004489	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	10	-6.54	-0.003438	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	20	-8.00	-0.004205	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	30	-9.44	-0.004962	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	40	-7.85	-0.004126	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	50	-6.82	-0.003585	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	-6.34	-0.003409	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	4.26	0.002290	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	-3.68	-0.001978	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	-3.22	-0.001731	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	-5.46	-0.002935	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	6.37	0.003425	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	-3.73	-0.002005	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	-3.05	-0.001640	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	4.01	0.002156	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	3.35	0.001801	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	5.24	0.002817	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-10	3.73	0.002005	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	5.24	0.002817	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	5.52	0.002968	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	5.94	0.003194	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	6.25	0.003360	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	3.50	0.001882	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	5.05	0.002715	±2.5	PASS

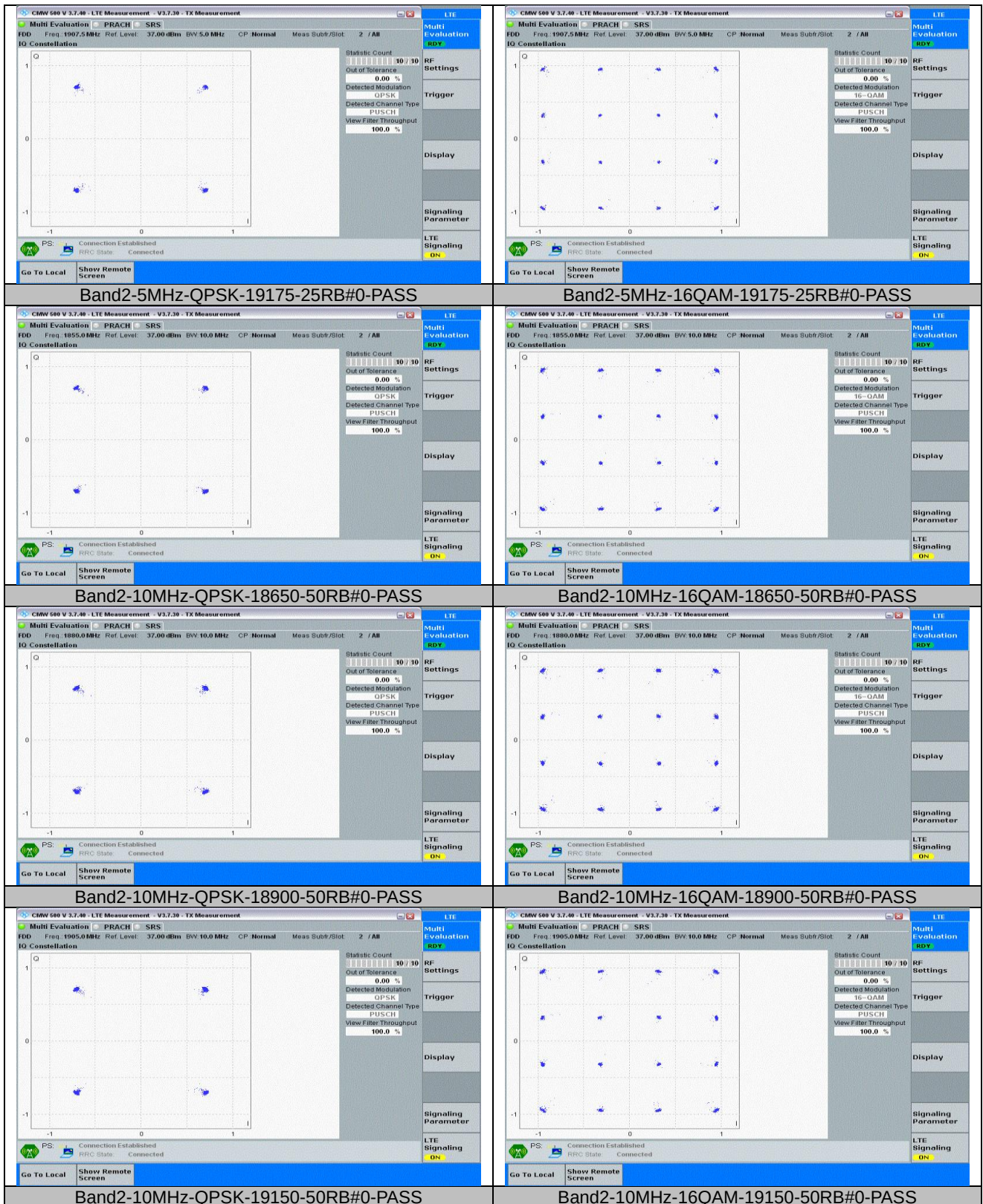
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-8.65	-0.004601	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-7.75	-0.004122	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-8.10	-0.004309	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-6.61	-0.003516	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-4.16	-0.002213	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-6.09	-0.003239	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-6.12	-0.003255	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-5.52	-0.002936	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-8.04	-0.004277	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-6.19	-0.003293	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-8.71	-0.004633	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	-8.60	-0.004574	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-5.28	-0.002809	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-8.30	-0.004415	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-5.81	-0.003090	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	-10.61	-0.005644	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	-6.65	-0.003537	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	-6.87	-0.003654	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-7.31	-0.003847	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-5.89	-0.003100	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	6.97	0.003668	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-9.13	-0.004805	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-9.86	-0.005189	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-6.41	-0.003374	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-5.02	-0.002642	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-8.61	-0.004532	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-6.91	-0.003637	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-7.57	-0.003984	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-5.89	-0.003100	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-10	-6.22	-0.003274	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-5.72	-0.003011	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-6.21	-0.003268	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-4.86	-0.002558	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-7.45	-0.003921	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-5.46	-0.002874	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-4.71	-0.002479	±2.5	PASS

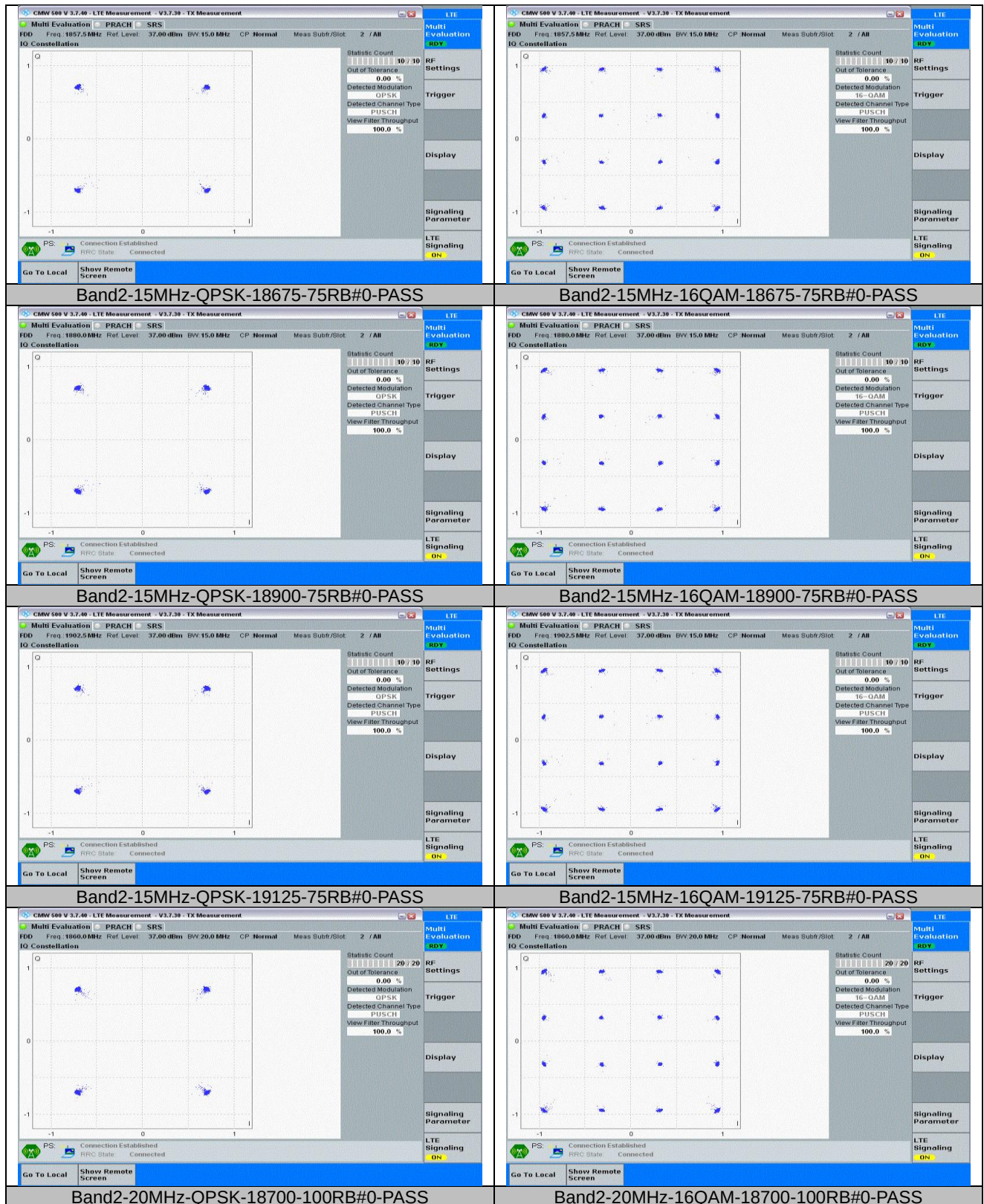
APPENDIX E: MODULATION CHARACTERISTICS

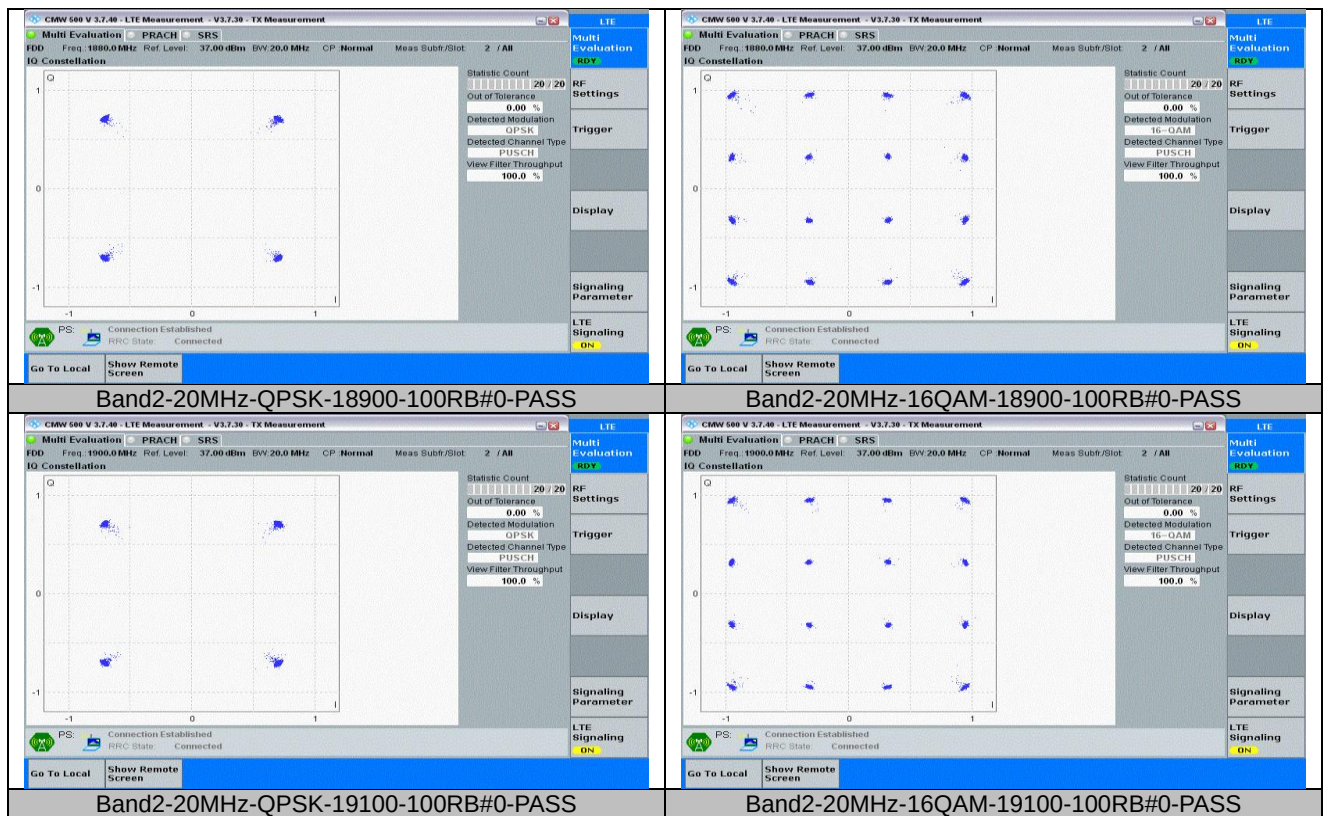
Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	PASS
Band2	3MHz	QPSK	18615	15RB#0	PASS
Band2	3MHz	16QAM	18615	15RB#0	PASS
Band2	3MHz	QPSK	18900	15RB#0	PASS
Band2	3MHz	16QAM	18900	15RB#0	PASS
Band2	3MHz	QPSK	19185	15RB#0	PASS
Band2	3MHz	16QAM	19185	15RB#0	PASS
Band2	5MHz	QPSK	18625	25RB#0	PASS
Band2	5MHz	16QAM	18625	25RB#0	PASS
Band2	5MHz	QPSK	18900	25RB#0	PASS
Band2	5MHz	16QAM	18900	25RB#0	PASS
Band2	5MHz	QPSK	19175	25RB#0	PASS
Band2	5MHz	16QAM	19175	25RB#0	PASS
Band2	10MHz	QPSK	18650	50RB#0	PASS
Band2	10MHz	16QAM	18650	50RB#0	PASS
Band2	10MHz	QPSK	18900	50RB#0	PASS
Band2	10MHz	16QAM	18900	50RB#0	PASS
Band2	10MHz	QPSK	19150	50RB#0	PASS
Band2	10MHz	16QAM	19150	50RB#0	PASS
Band2	15MHz	QPSK	18675	75RB#0	PASS
Band2	15MHz	16QAM	18675	75RB#0	PASS
Band2	15MHz	QPSK	18900	75RB#0	PASS
Band2	15MHz	16QAM	18900	75RB#0	PASS
Band2	15MHz	QPSK	19125	75RB#0	PASS
Band2	15MHz	16QAM	19125	75RB#0	PASS
Band2	20MHz	QPSK	18700	100RB#0	PASS
Band2	20MHz	16QAM	18700	100RB#0	PASS
Band2	20MHz	QPSK	18900	100RB#0	PASS
Band2	20MHz	16QAM	18900	100RB#0	PASS
Band2	20MHz	QPSK	19100	100RB#0	PASS
Band2	20MHz	16QAM	19100	100RB#0	PASS







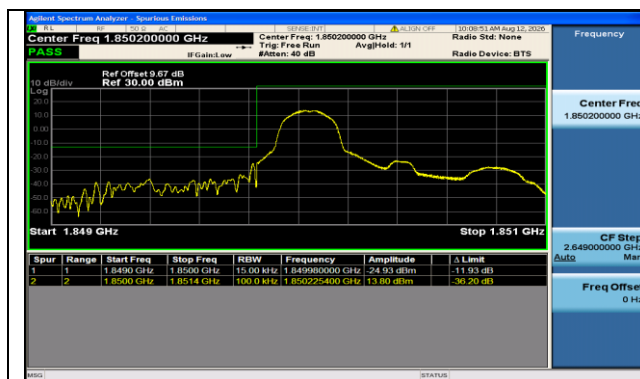




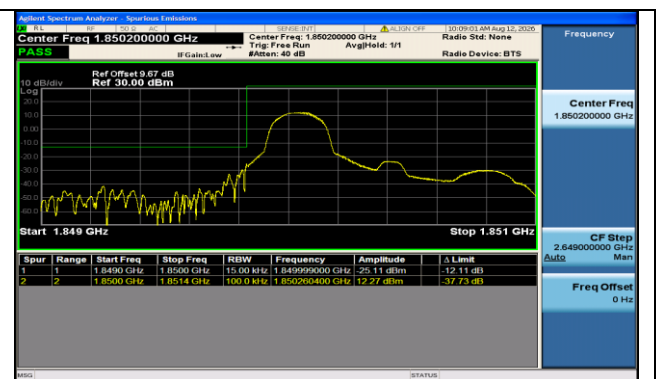
APPENDIX F: BAND EDGE

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-24.93	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-25.11	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-44.93	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-49.07	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-28.11	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-29.85	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-49.77	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-45.90	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-34.79	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-32.26	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-27.13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-31.84	PASS
Band2	3MHz	QPSK	18615	1RB#0	-23.60	PASS
Band2	3MHz	16QAM	18615	1RB#0	-27.16	PASS
Band2	3MHz	QPSK	18615	1RB#14	-40.82	PASS
Band2	3MHz	16QAM	18615	1RB#14	-43.79	PASS
Band2	3MHz	QPSK	18615	15RB#0	-31.30	PASS
Band2	3MHz	16QAM	18615	15RB#0	-33.12	PASS
Band2	3MHz	QPSK	19185	1RB#0	-40.45	PASS
Band2	3MHz	16QAM	19185	1RB#0	-39.49	PASS
Band2	3MHz	QPSK	19185	1RB#14	-22.49	PASS
Band2	3MHz	16QAM	19185	1RB#14	-22.83	PASS
Band2	3MHz	QPSK	19185	15RB#0	-32.51	PASS
Band2	3MHz	16QAM	19185	15RB#0	-32.47	PASS
Band2	5MHz	QPSK	18625	1RB#0	-31.82	PASS
Band2	5MHz	16QAM	18625	1RB#0	-33.23	PASS
Band2	5MHz	QPSK	18625	1RB#24	-49.79	PASS
Band2	5MHz	16QAM	18625	1RB#24	-51.12	PASS
Band2	5MHz	QPSK	18625	25RB#0	-35.46	PASS
Band2	5MHz	16QAM	18625	25RB#0	-37.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	-49.44	PASS
Band2	5MHz	16QAM	19175	1RB#0	-50.56	PASS
Band2	5MHz	QPSK	19175	1RB#24	-30.64	PASS
Band2	5MHz	16QAM	19175	1RB#24	-32.70	PASS
Band2	5MHz	QPSK	19175	25RB#0	-36.77	PASS
Band2	5MHz	16QAM	19175	25RB#0	-37.36	PASS
Band2	10MHz	QPSK	18650	1RB#0	-39.02	PASS
Band2	10MHz	16QAM	18650	1RB#0	-40.53	PASS
Band2	10MHz	QPSK	18650	1RB#49	-52.28	PASS
Band2	10MHz	16QAM	18650	1RB#49	-52.31	PASS
Band2	10MHz	QPSK	18650	50RB#0	-35.65	PASS
Band2	10MHz	16QAM	18650	50RB#0	-37.60	PASS
Band2	10MHz	QPSK	19150	1RB#0	-51.07	PASS
Band2	10MHz	16QAM	19150	1RB#0	-51.50	PASS
Band2	10MHz	QPSK	19150	1RB#49	-37.19	PASS
Band2	10MHz	16QAM	19150	1RB#49	-38.67	PASS
Band2	10MHz	QPSK	19150	50RB#0	-36.91	PASS
Band2	10MHz	16QAM	19150	50RB#0	-38.28	PASS
Band2	15MHz	QPSK	18675	1RB#0	-42.81	PASS
Band2	15MHz	16QAM	18675	1RB#0	-43.55	PASS
Band2	15MHz	QPSK	18675	1RB#74	-51.69	PASS
Band2	15MHz	16QAM	18675	1RB#74	-51.63	PASS
Band2	15MHz	QPSK	18675	75RB#0	-36.33	PASS
Band2	15MHz	16QAM	18675	75RB#0	-37.71	PASS
Band2	15MHz	QPSK	19125	1RB#0	-51.02	PASS
Band2	15MHz	16QAM	19125	1RB#0	-51.12	PASS
Band2	15MHz	QPSK	19125	1RB#74	-42.92	PASS
Band2	15MHz	16QAM	19125	1RB#74	-44.03	PASS

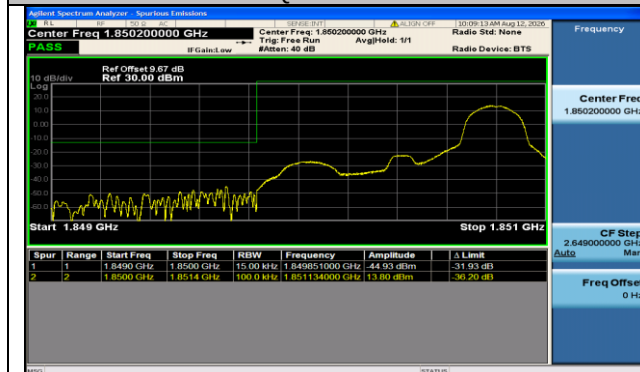
Band2	15MHz	QPSK	19125	75RB#0	-37.81	PASS
Band2	15MHz	16QAM	19125	75RB#0	-39.17	PASS
Band2	20MHz	QPSK	18700	1RB#0	-44.73	PASS
Band2	20MHz	16QAM	18700	1RB#0	-44.96	PASS
Band2	20MHz	QPSK	18700	1RB#99	-50.48	PASS
Band2	20MHz	16QAM	18700	1RB#99	-50.66	PASS
Band2	20MHz	QPSK	18700	100RB#0	-38.83	PASS
Band2	20MHz	16QAM	18700	100RB#0	-39.67	PASS
Band2	20MHz	QPSK	19100	1RB#0	-50.42	PASS
Band2	20MHz	16QAM	19100	1RB#0	-50.59	PASS
Band2	20MHz	QPSK	19100	1RB#99	-44.82	PASS
Band2	20MHz	16QAM	19100	1RB#99	-45.43	PASS
Band2	20MHz	QPSK	19100	100RB#0	-38.65	PASS
Band2	20MHz	16QAM	19100	100RB#0	-40.10	PASS



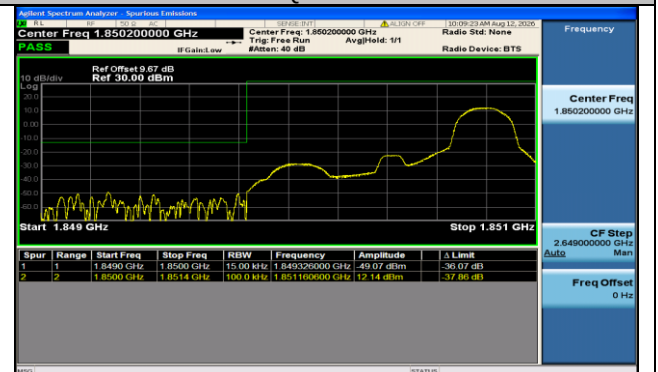
Band2-1.4MHz-QPSK-18607-1RB#0-PASS



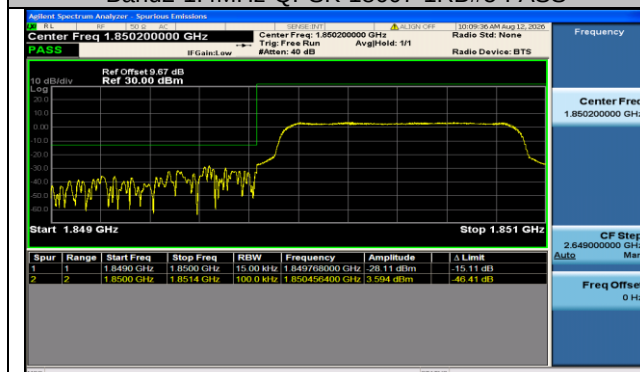
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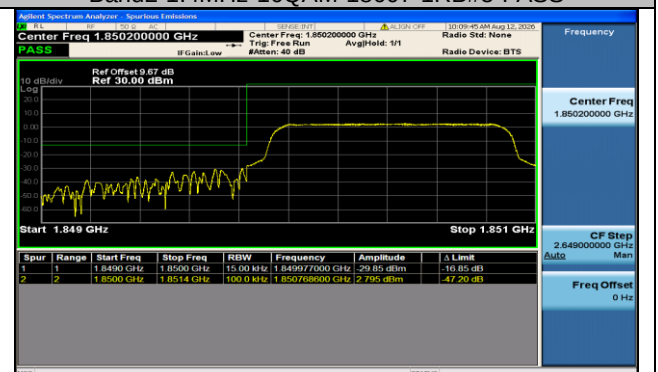
Band2-1.4MHz-QPSK-18607-1RB#5-PASS



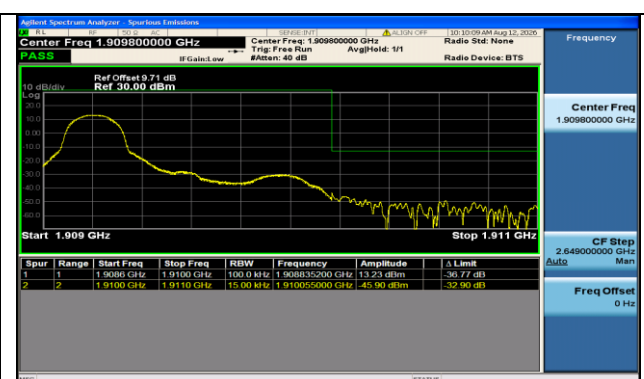
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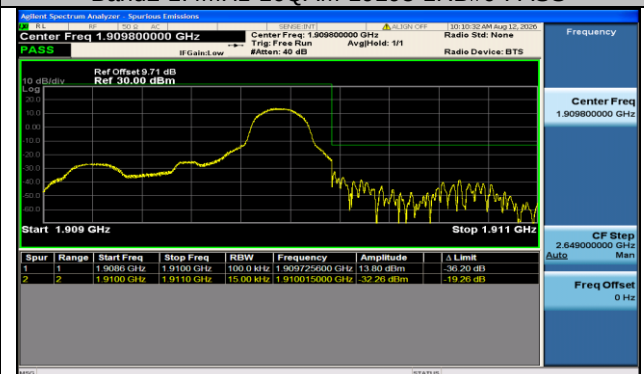
Band2-1.4MHz-QPSK-18607-6RB#0-PASS



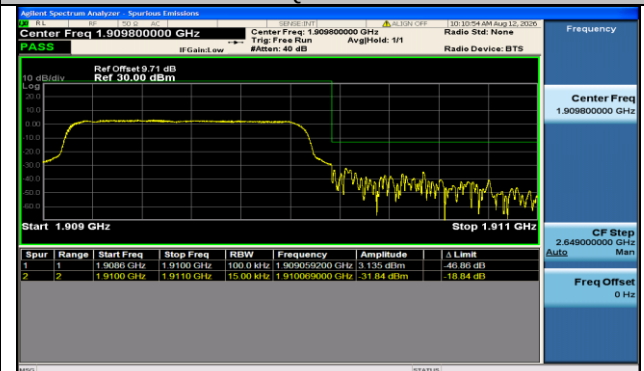
Band2-1.4MHz-16QAM-18607-6RB#0-PASS



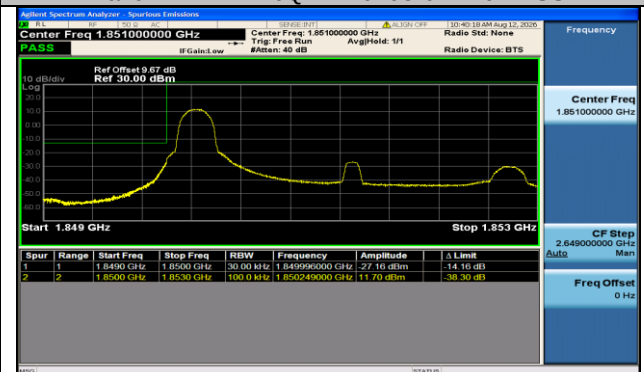
Band2-1.4MHz-16OAM-19193-1RB#0-PASS



Band2-1.4MHz-16QAM-19193-1RB#5-PASS



Band2-1.4MHz-16OAM-19193-6RB#0-PASS



Band2-3MHz-16OAM-18615-1RB#0-PASS

