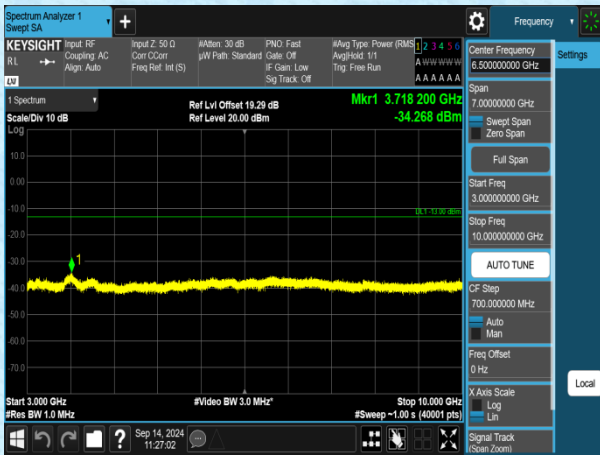
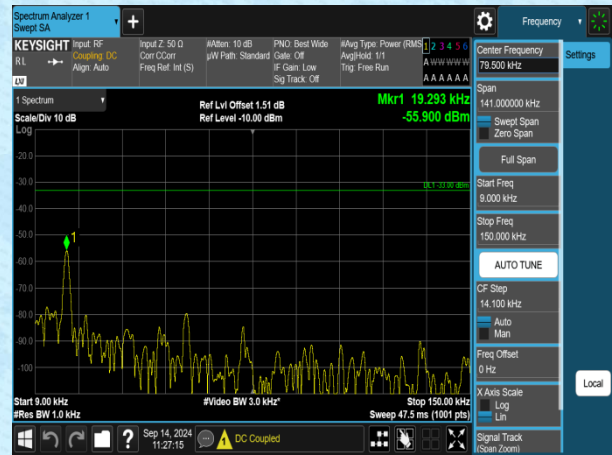
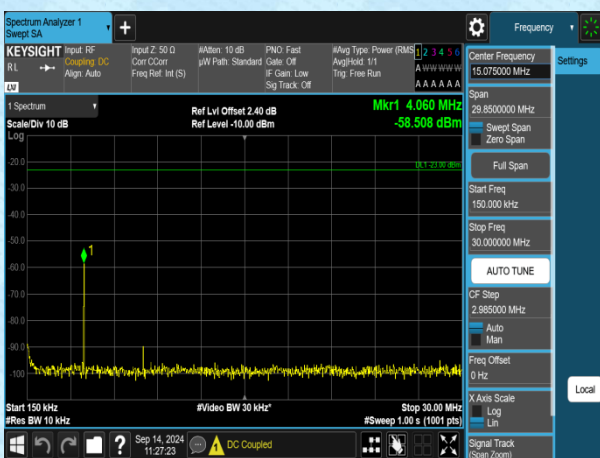




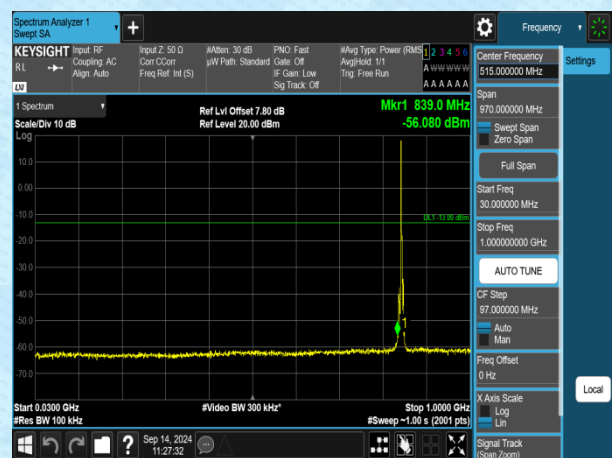
Band5-3MHz-QPSK-20525-1RB#0-3000~10000-PASS



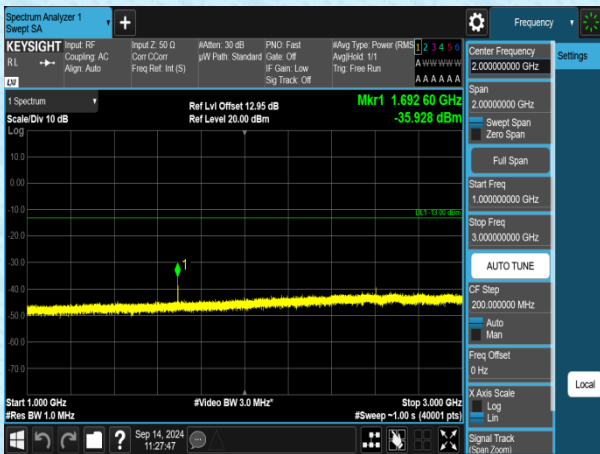
Band5-3MHz-QPSK-20635-1RB#0-0.009~0.15-PASS



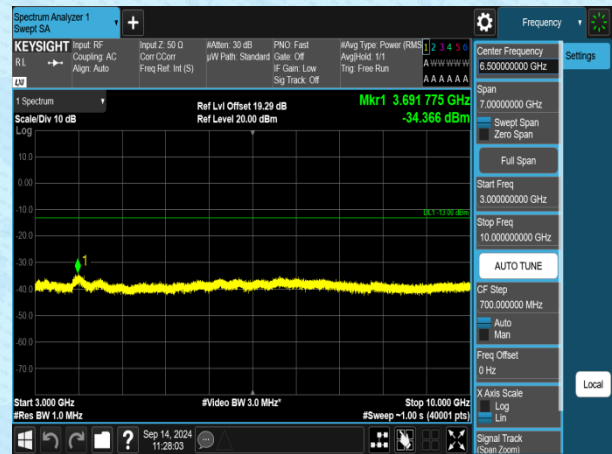
Band5-3MHz-QPSK-20635-1RB#0-0.15~30-PASS



Band5-3MHz-QPSK-20635-1RB#0-30~1000-PASS



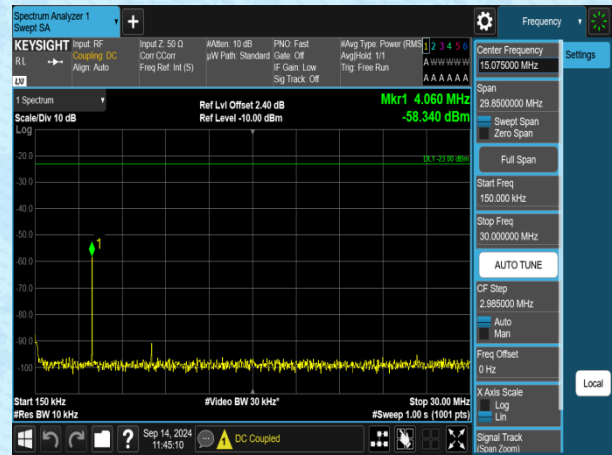
Band5-3MHz-QPSK-20635-1RB#0-1000~3000-PASS



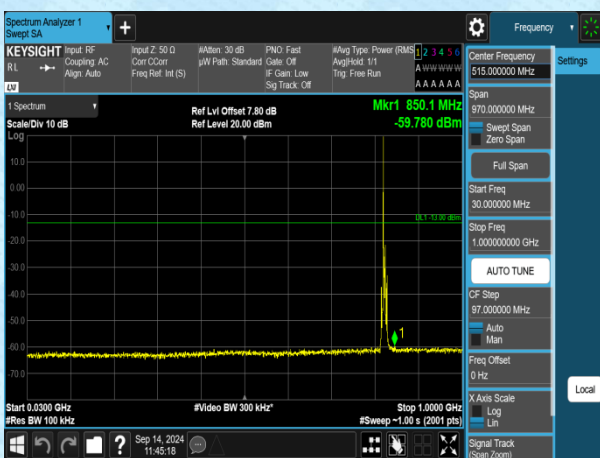
Band5-3MHz-QPSK-20635-1RB#0-3000~10000-PASS



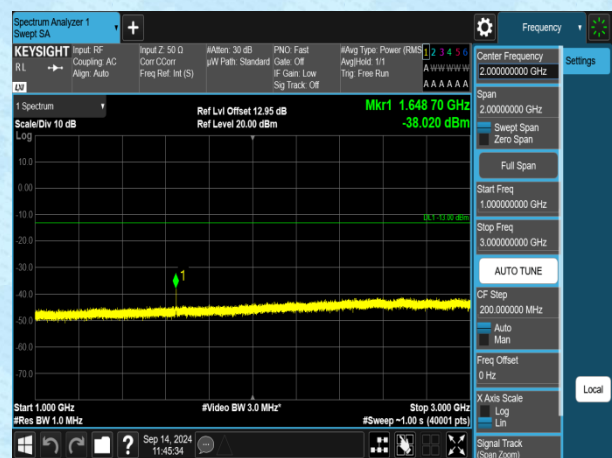
Band5-5MHz-QPSK-20425-1RB#0-0.009~0.15-PASS



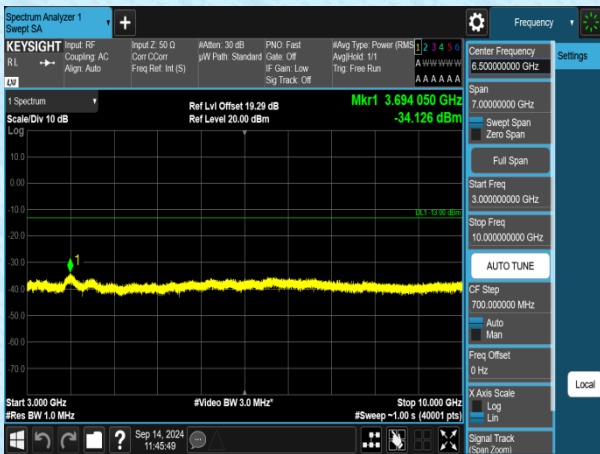
Band5-5MHz-QPSK-20425-1RB#0-0.15~30-PASS



Band5-5MHz-QPSK-20425-1RB#0-30~1000-PASS



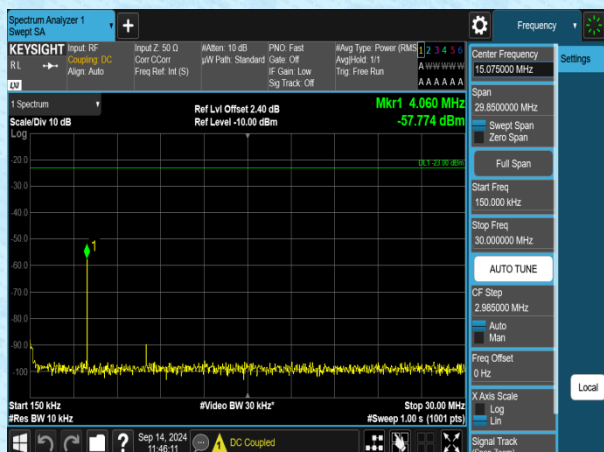
Band5-5MHz-QPSK-20425-1RB#0-1000~3000-PASS



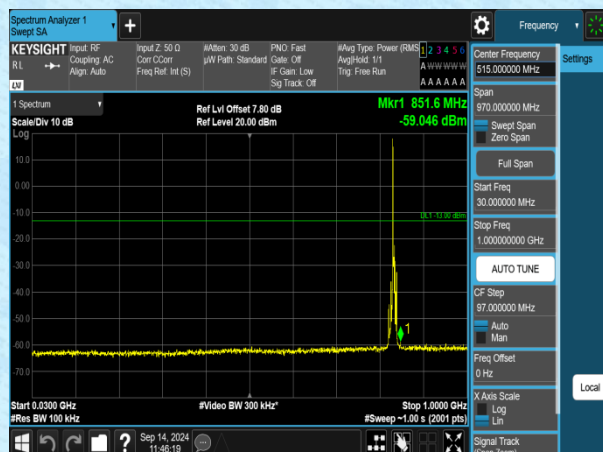
Band5-5MHz-QPSK-20425-1RB#0-3000~10000-PASS



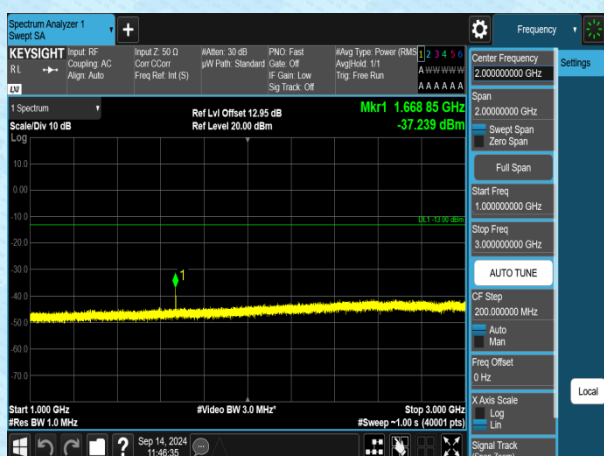
Band5-5MHz-QPSK-20525-1RB#0-0.009~0.15-PASS



Band5-5MHz-QPSK-20525-1RB#0-0.15~30-PASS



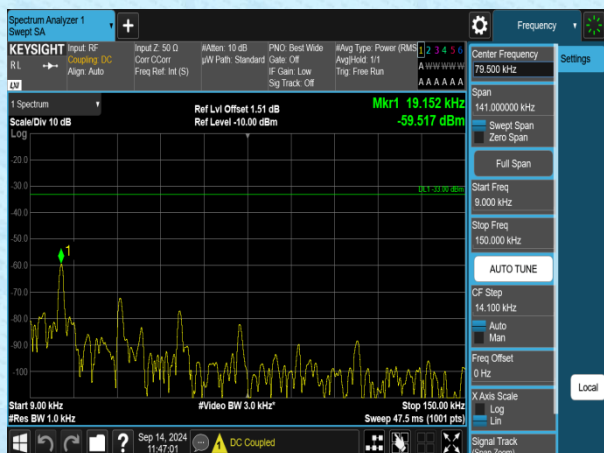
Band5-5MHz-QPSK-20525-1RB#0-30~1000-PASS



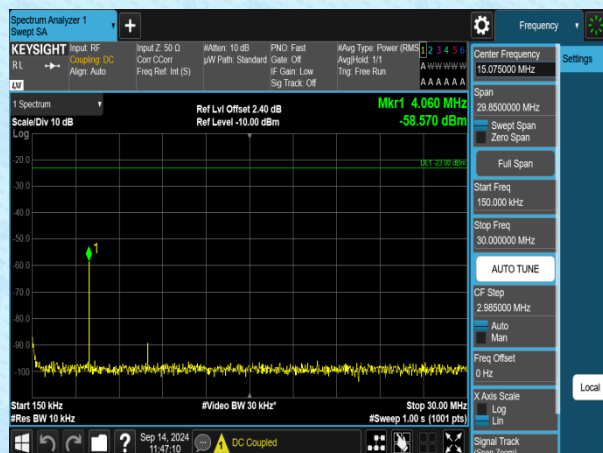
Band5-5MHz-QPSK-20525-1RB#0-1000~3000-PASS



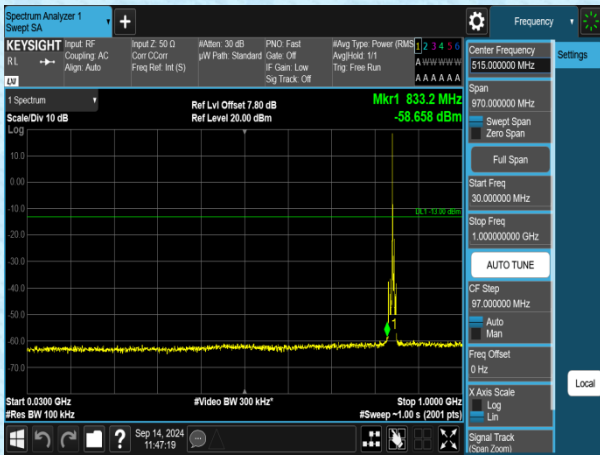
Band5-5MHz-QPSK-20525-1RB#0-3000~10000-PASS



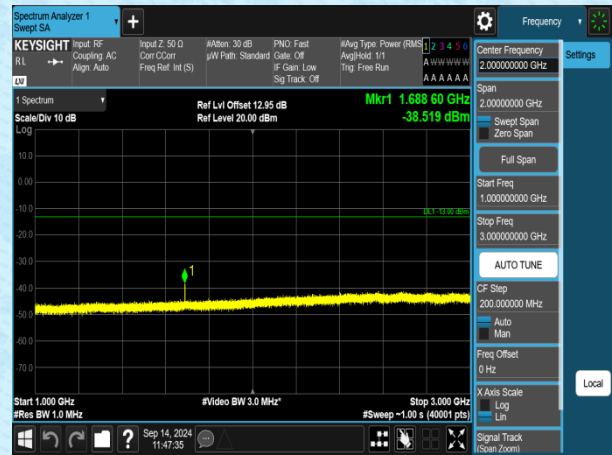
Band5-5MHz-QPSK-20625-1RB#0-0.009~0.15-PASS



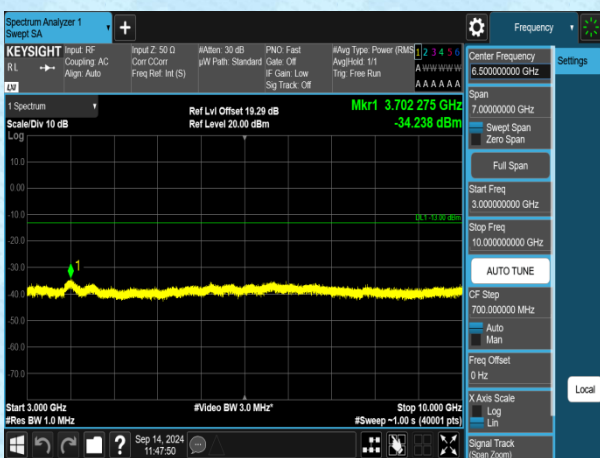
Band5-5MHz-QPSK-20625-1RB#0-0.15~30-PASS



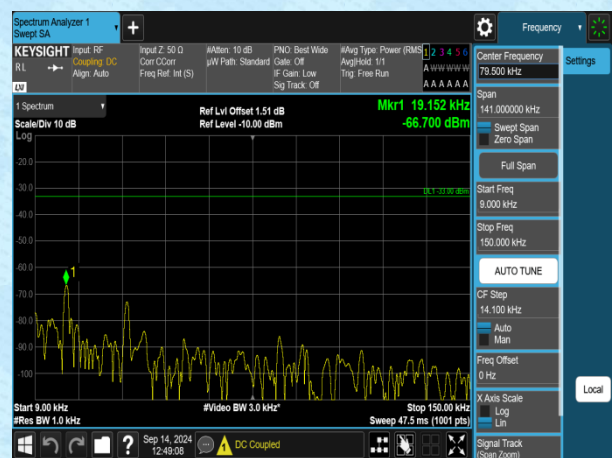
Band5-5MHz-QPSK-20625-1RB#0-30~1000-PASS



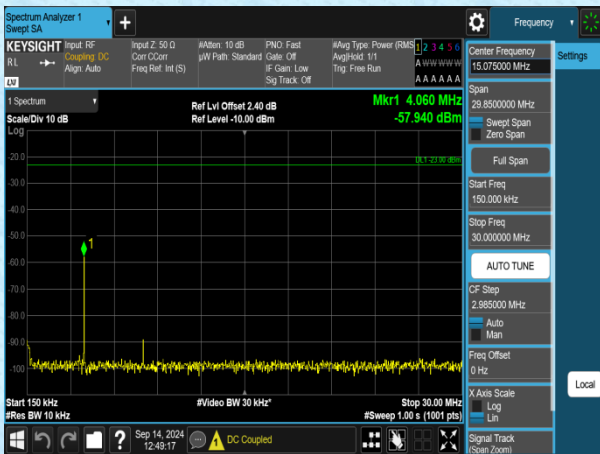
Band5-5MHz-QPSK-20625-1RB#0-1000~3000-PASS



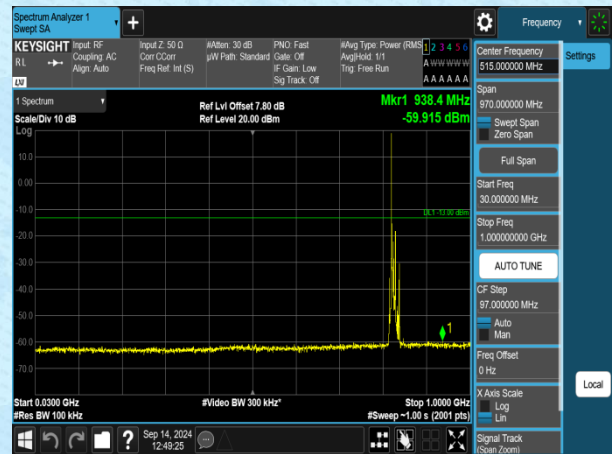
Band5-5MHz-QPSK-20625-1RB#0-3000~10000-PASS



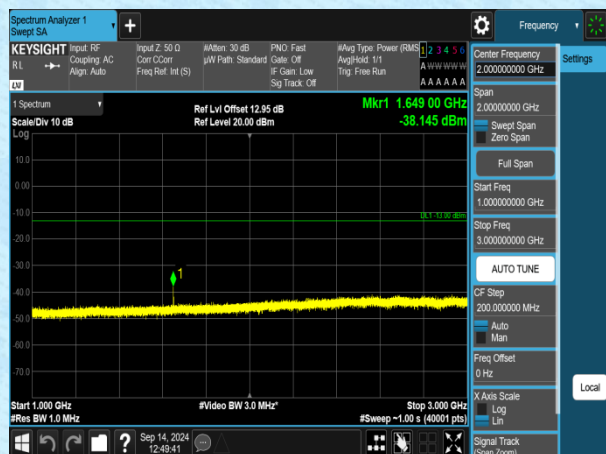
Band5-10MHz-QPSK-20450-1RB#0-0.009~0.15-PASS



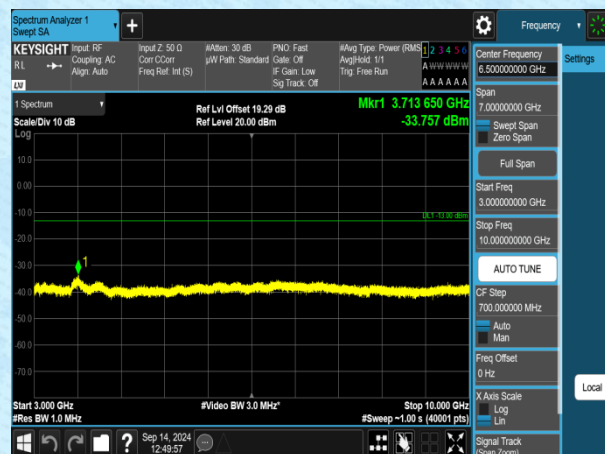
Band5-10MHz-QPSK-20450-1RB#0-0.15~30-PASS



Band5-10MHz-QPSK-20450-1RB#0-30~1000-PASS



Band5-10MHz-QPSK-20450-1RB#0-1000~3000-PASS



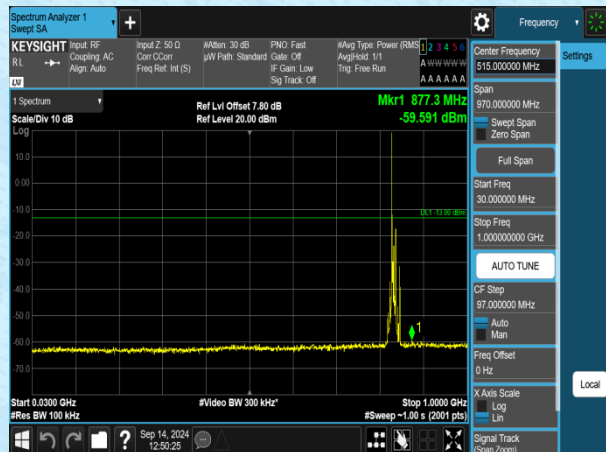
Band5-10MHz-QPSK-20450-1RB#0-3000~10000-PASS



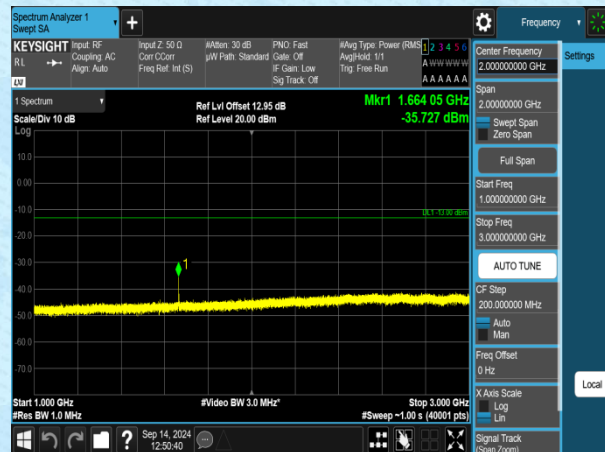
Band5-10MHz-QPSK-20525-1RB#0-0.009~0.15-PASS



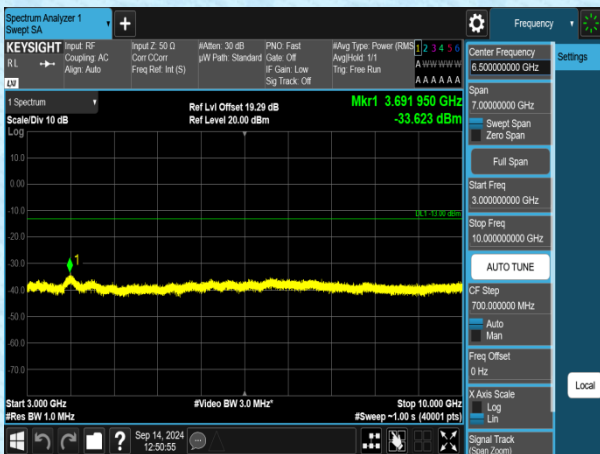
Band5-10MHz-QPSK-20525-1RB#0-0.15~30-PASS



Band5-10MHz-QPSK-20525-1RB#0-30~1000-PASS



Band5-10MHz-QPSK-20525-1RB#0-1000~3000-PASS



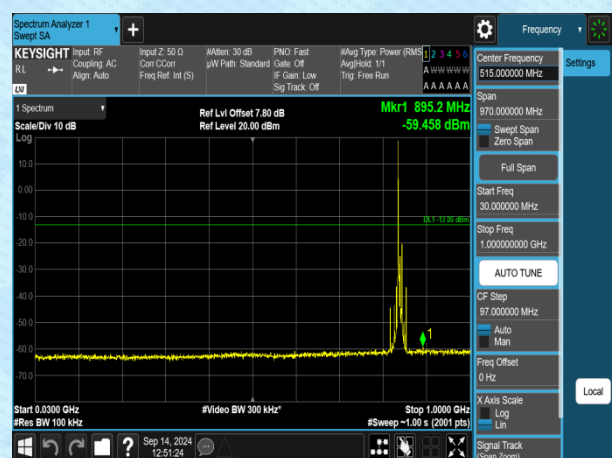
Band5-10MHz-QPSK-20525-1RB#0-3000~10000-PASS



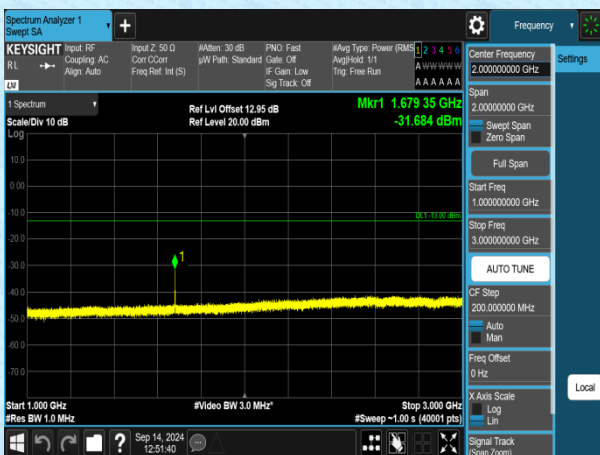
Band5-10MHz-QPSK-20600-1RB#0-0.009~0.15-PASS



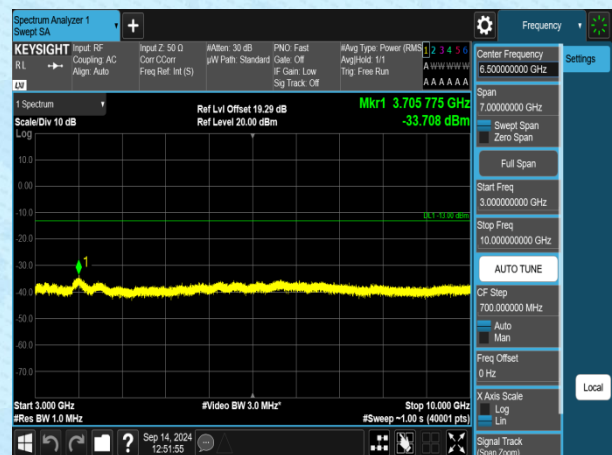
Band5-10MHz-QPSK-20600-1RB#0-0.15~30-PASS



Band5-10MHz-QPSK-20600-1RB#0-30~1000-PASS



Band5-10MHz-QPSK-20600-1RB#0-1000~3000-PASS



Band5-10MHz-QPSK-20600-1RB#0-3000~10000-PASS

AppendixF:Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	-15.69	-0.019025	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	-19.40	-0.023524	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	-15.79	-0.019146	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	-13.06	-0.015836	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	-16.74	-0.020298	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	-12.09	-0.014660	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	-38.71	-0.046276	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-17.05	-0.020383	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	-23.02	-0.027519	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	-11.34	-0.013556	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	15.94	0.019056	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	-28.75	-0.034369	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	-38.55	-0.045444	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	-34.29	-0.040422	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	-44.17	-0.052069	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	-28.78	-0.033927	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	-38.41	-0.045279	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	-23.57	-0.027785	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	-24.43	-0.029594	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	-30.16	-0.036535	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	-14.26	-0.017274	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VN	NT	-12.66	-0.015336	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VL	NT	6.92	0.008383	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VH	NT	-31.61	-0.038292	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	-21.07	-0.025188	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	-31.60	-0.037776	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	-25.56	-0.030556	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	-12.35	-0.014764	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	6.75	0.008069	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VH	NT	-5.32	-0.006360	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	-30.50	-0.035988	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	4.58	0.005404	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	7.75	0.009145	±2.5	PASS

Band5	3MHz	16QAM	20635	15RB#0	VN	NT	-18.45	-0.021770	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VL	NT	-19.93	-0.023516	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VH	NT	-16.68	-0.019681	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VN	NT	-32.23	-0.038996	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	-46.58	-0.056358	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VH	NT	-30.97	-0.037471	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	-21.30	-0.025771	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	-12.82	-0.015511	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	-16.31	-0.019734	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	-23.45	-0.028033	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	-13.68	-0.016354	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	-15.15	-0.018111	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	15.22	0.018195	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	18.14	0.021686	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	10.01	0.011967	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	-34.73	-0.041028	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	7.40	0.008742	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	-14.23	-0.016810	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	13.13	0.015511	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	-38.52	-0.045505	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VH	NT	-7.30	-0.008624	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	6.77	0.008166	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-26.49	-0.031954	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-25.92	-0.031267	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-21.73	-0.026212	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	5.16	0.006224	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-6.07	-0.007322	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-30.20	-0.036103	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-25.18	-0.030102	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-29.05	-0.034728	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-31.70	-0.037896	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-24.75	-0.029588	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-17.07	-0.020406	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-28.17	-0.033377	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-25.62	-0.030355	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-21.36	-0.025308	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	10.37	0.012287	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-18.02	-0.021351	±2.5	PASS

Band5	10MHz	16QAM	20600	50RB#0	VH	NT	4.51	0.005344	±2.5	PASS
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Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-30	-26.72	-0.032400	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	-31.49	-0.038184	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-10	-35.65	-0.043228	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-17.85	-0.021644	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-8.38	-0.010161	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-9.87	-0.011968	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	30	-19.21	-0.023293	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	40	-13.93	-0.016891	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	50	-14.71	-0.017837	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	-16.71	-0.020262	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	-38.68	-0.046902	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-10	-10.39	-0.012599	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-9.84	-0.011932	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	8.40	0.010186	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	-5.16	-0.006257	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	30	-6.44	-0.007809	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	40	-6.78	-0.008221	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	50	-8.23	-0.009979	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	-17.44	-0.020849	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-9.70	-0.011596	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-10	6.81	0.008141	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-19.18	-0.022929	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-15.36	-0.018362	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-10.01	-0.011967	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	9.13	0.010915	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	7.75	0.009265	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	50	-7.42	-0.008870	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	-37.57	-0.044913	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	-36.88	-0.044088	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-10	-23.98	-0.028667	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	-15.03	-0.017968	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-15.16	-0.018123	±2.5	PASS

Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	6.78	0.008105	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	30	-5.89	-0.007041	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	40	-28.08	-0.033568	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	50	-32.62	-0.038996	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	-18.50	-0.021808	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	-18.21	-0.021466	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-10	-14.16	-0.016692	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	-17.48	-0.020606	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	-28.74	-0.033880	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-28.32	-0.033384	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	30	-12.47	-0.014700	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	40	-7.12	-0.008393	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	50	-22.43	-0.026441	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	-39.45	-0.046505	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	-8.44	-0.009949	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-10	-10.19	-0.012012	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	-9.31	-0.010975	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	-13.75	-0.016209	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	-21.54	-0.025392	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	30	-13.73	-0.016185	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	40	-15.08	-0.017777	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	50	-7.50	-0.008841	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	9.83	0.011908	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	5.98	0.007244	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-10	-10.40	-0.012598	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	-10.23	-0.012392	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	-8.13	-0.009849	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	-33.76	-0.040896	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	30	-7.62	-0.009231	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	40	-10.31	-0.012489	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	50	9.04	0.010951	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-30	-30.41	-0.036838	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	-17.58	-0.021296	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-10	-19.37	-0.023465	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	-14.18	-0.017177	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	-9.33	-0.011302	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	10.73	0.012998	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	30	9.67	0.011714	±2.5	PASS

Band5	3MHz	16QAM	20415	15RB#0	NV	40	-3.99	-0.004833	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	50	-13.70	-0.016596	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	-27.24	-0.032564	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	-19.60	-0.023431	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-10	-19.30	-0.023072	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	-21.10	-0.025224	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	-5.16	-0.006169	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	-8.80	-0.010520	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	30	-9.10	-0.010879	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	40	-4.03	-0.004818	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	50	-10.87	-0.012995	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-30	-38.17	-0.045631	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-20	-24.12	-0.028834	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-10	-24.59	-0.029396	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	-18.25	-0.021817	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	-14.36	-0.017167	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	-7.20	-0.008607	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	30	-8.55	-0.010221	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	40	-18.17	-0.021721	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	50	-6.42	-0.007675	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-30	-8.11	-0.009569	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	-22.90	-0.027021	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-10	-21.46	-0.025322	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	-11.03	-0.013015	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	-31.13	-0.036732	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	-32.37	-0.038195	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	30	-8.27	-0.009758	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	40	-22.29	-0.026301	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	50	-24.13	-0.028472	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-30	-29.70	-0.035044	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	-17.04	-0.020106	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-10	-30.70	-0.036224	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	-11.83	-0.013959	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	-11.87	-0.014006	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	-9.67	-0.011410	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	30	-15.08	-0.017794	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	40	-13.63	-0.016083	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	50	-8.90	-0.010501	±2.5	PASS

Band5	5MHz	QPSK	20425	25RB#0	NV	-30	-22.89	-0.027695	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-20	-26.04	-0.031506	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-10	-21.20	-0.025650	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	-29.61	-0.035826	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	-3.81	-0.004610	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	-14.19	-0.017169	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	30	-2.49	-0.003013	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	40	-5.36	-0.006485	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	50	-19.73	-0.023872	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-30	-8.35	-0.010103	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-20	8.47	0.010248	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-10	-31.07	-0.037592	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	-20.74	-0.025094	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	4.25	0.005142	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	-13.42	-0.016237	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	30	-16.82	-0.020351	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	40	10.86	0.013140	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	50	-5.82	-0.007042	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	-18.34	-0.021925	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	-12.42	-0.014848	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-10	-18.91	-0.022606	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	-13.50	-0.016139	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-9.01	-0.010771	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	-12.37	-0.014788	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	30	7.21	0.008619	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	40	-13.72	-0.016402	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	50	9.00	0.010759	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	-8.87	-0.010604	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	-35.86	-0.042869	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-10	-20.28	-0.024244	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	-11.04	-0.013198	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	-16.32	-0.019510	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	-16.47	-0.019689	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	30	5.98	0.007149	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	40	-27.58	-0.032971	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	50	-15.38	-0.018386	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	-22.06	-0.026060	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-20	-21.43	-0.025316	±2.5	PASS

Band5	5MHz	QPSK	20625	25RB#0	NV	-10	-21.73	-0.025670	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	-24.05	-0.028411	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	-37.59	-0.044406	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	-9.46	-0.011175	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	30	-18.35	-0.021677	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	40	-12.95	-0.015298	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	50	-36.59	-0.043225	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-30	-16.38	-0.019350	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-20	14.08	0.016633	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-10	12.92	0.015263	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	11.89	0.014046	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	7.84	0.009262	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	20	5.52	0.006521	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	30	2.92	0.003449	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	40	10.77	0.012723	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	50	-11.09	-0.013101	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-20.87	-0.025175	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-23.17	-0.027949	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	-15.59	-0.018806	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-20.30	-0.024487	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-20.24	-0.024415	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-10.71	-0.012919	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-13.90	-0.016767	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-11.36	-0.013703	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-10.63	-0.012823	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-5.92	-0.007141	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-39.91	-0.048142	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-10	-30.41	-0.036683	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-32.72	-0.039469	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-24.55	-0.029614	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-12.33	-0.014873	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	-16.78	-0.020241	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-11.87	-0.014318	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	-12.72	-0.015344	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-24.88	-0.029743	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-13.92	-0.016641	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	10.01	0.011967	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-10.73	-0.012827	±2.5	PASS

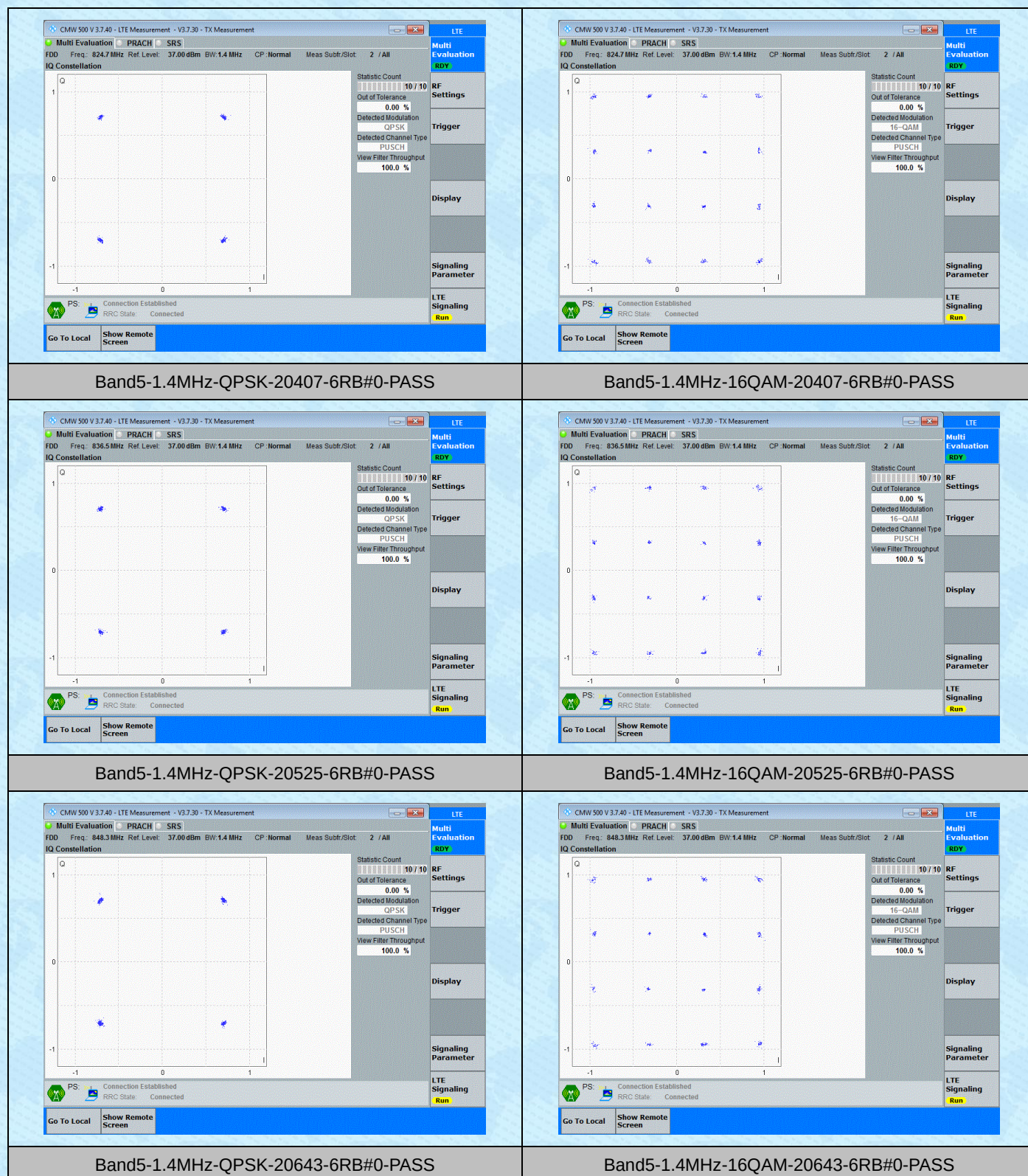
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-11.00	-0.013150	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-36.56	-0.043706	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	9.26	0.011070	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-12.12	-0.014489	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	14.73	0.017609	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-15.41	-0.018422	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	10.81	0.012923	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-10	10.24	0.012241	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	11.57	0.013831	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-19.77	-0.023634	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-37.68	-0.045045	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-27.94	-0.033401	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	13.52	0.016163	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-8.38	-0.010018	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	13.50	0.015995	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-7.14	-0.008460	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	-9.78	-0.011588	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-20.61	-0.024419	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-15.75	-0.018661	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-27.17	-0.032192	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-24.43	-0.028945	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-20.73	-0.024562	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-2.66	-0.003152	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-12.69	-0.015036	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-13.76	-0.016303	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-10	-10.26	-0.012156	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-11.70	-0.013863	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	13.53	0.016031	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-10.16	-0.012038	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-11.74	-0.013910	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	8.23	0.009751	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	-32.77	-0.038827	±2.5	PASS

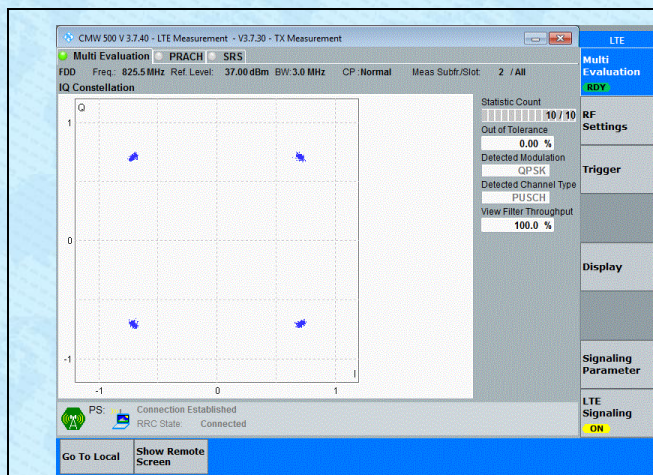
AppendixG:Modulation Characteristics

Test Result

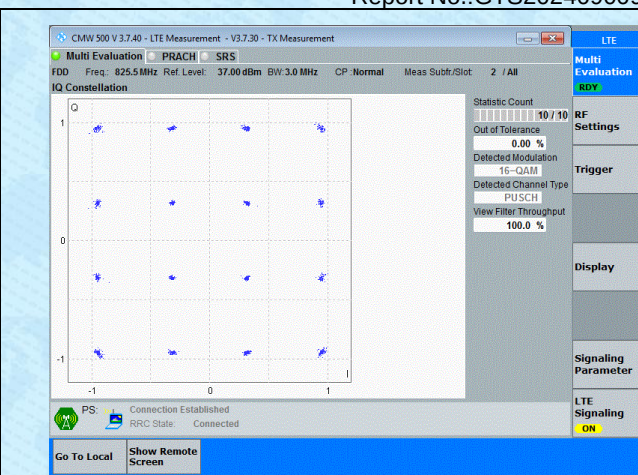
Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	PASS
Band5	3MHz	QPSK	20415	15RB#0	PASS
Band5	3MHz	16QAM	20415	15RB#0	PASS
Band5	3MHz	QPSK	20525	15RB#0	PASS
Band5	3MHz	16QAM	20525	15RB#0	PASS
Band5	3MHz	QPSK	20635	15RB#0	PASS
Band5	3MHz	16QAM	20635	15RB#0	PASS
Band5	5MHz	QPSK	20425	25RB#0	PASS
Band5	5MHz	16QAM	20425	25RB#0	PASS
Band5	5MHz	QPSK	20525	25RB#0	PASS
Band5	5MHz	16QAM	20525	25RB#0	PASS
Band5	5MHz	QPSK	20625	25RB#0	PASS
Band5	5MHz	16QAM	20625	25RB#0	PASS
Band5	10MHz	QPSK	20450	50RB#0	PASS
Band5	10MHz	16QAM	20450	50RB#0	PASS
Band5	10MHz	QPSK	20525	50RB#0	PASS
Band5	10MHz	16QAM	20525	50RB#0	PASS
Band5	10MHz	QPSK	20600	50RB#0	PASS
Band5	10MHz	16QAM	20600	50RB#0	PASS

Test Graphs

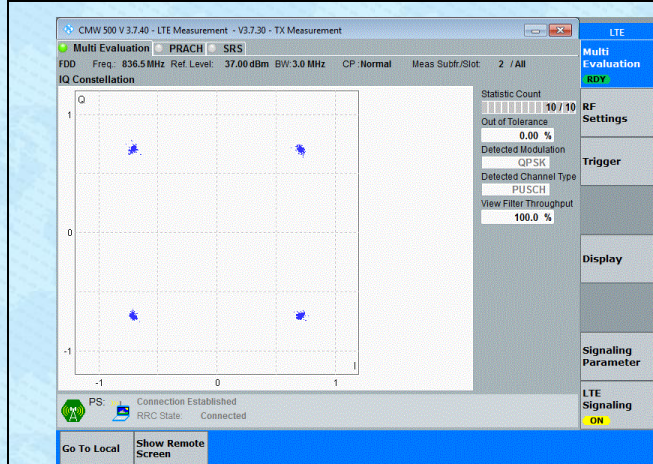




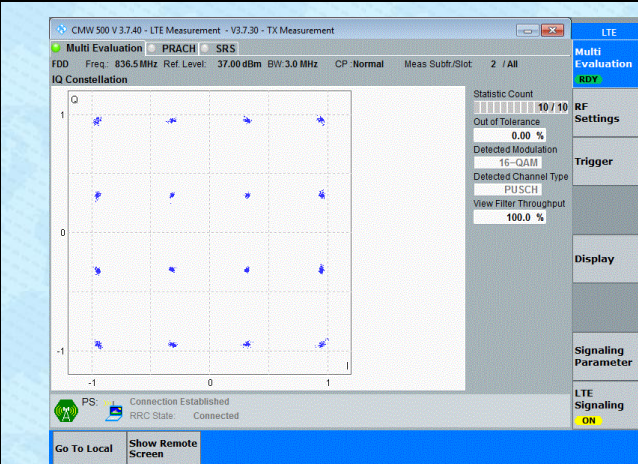
Band5-3MHz-QPSK-20415-15RB#0-PASS



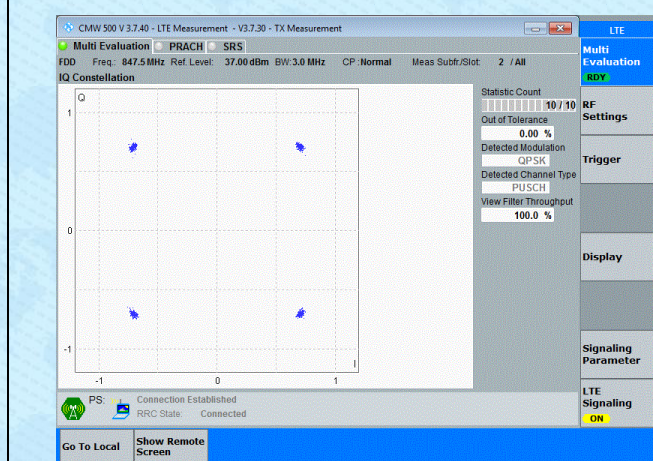
Band5-3MHz-16QAM-20415-15RB#0-PASS



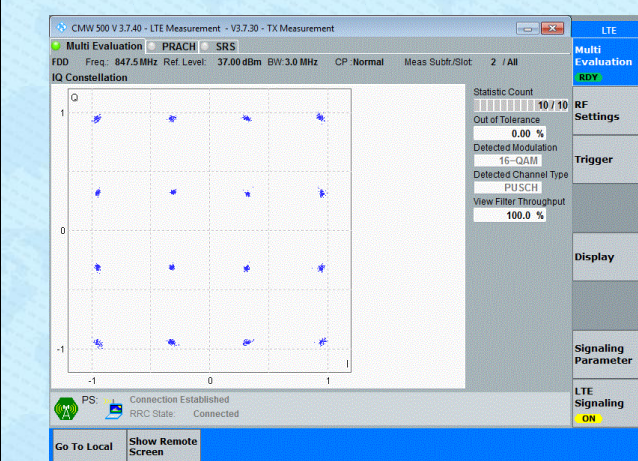
Band5-3MHz-QPSK-20525-15RB#0-PASS



Band5-3MHz-16QAM-20525-15RB#0-PASS



Band5-3MHz-QPSK-20635-15RB#0-PASS



Band5-3MHz-16QAM-20635-15RB#0-PASS