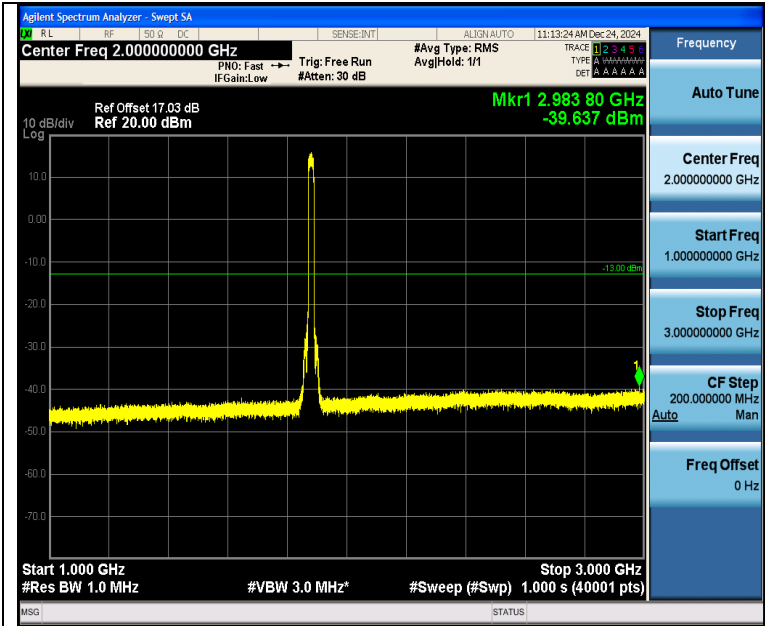
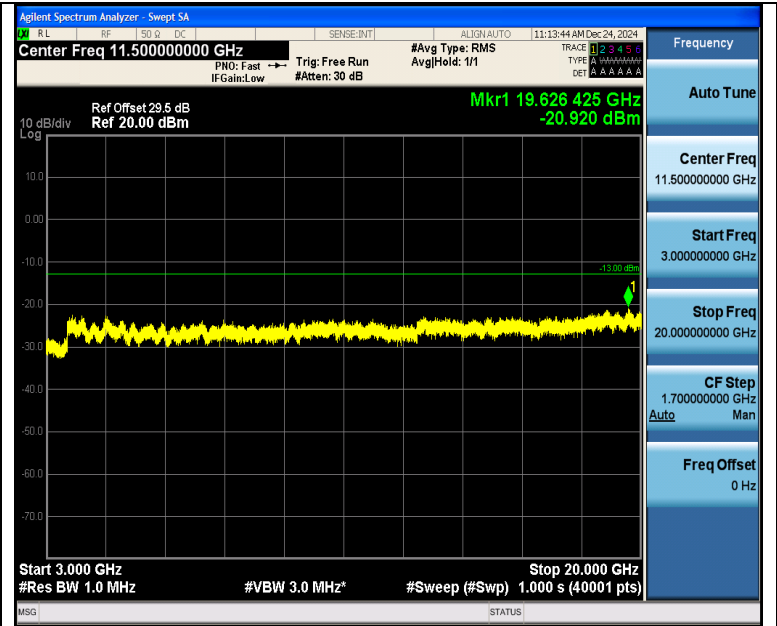
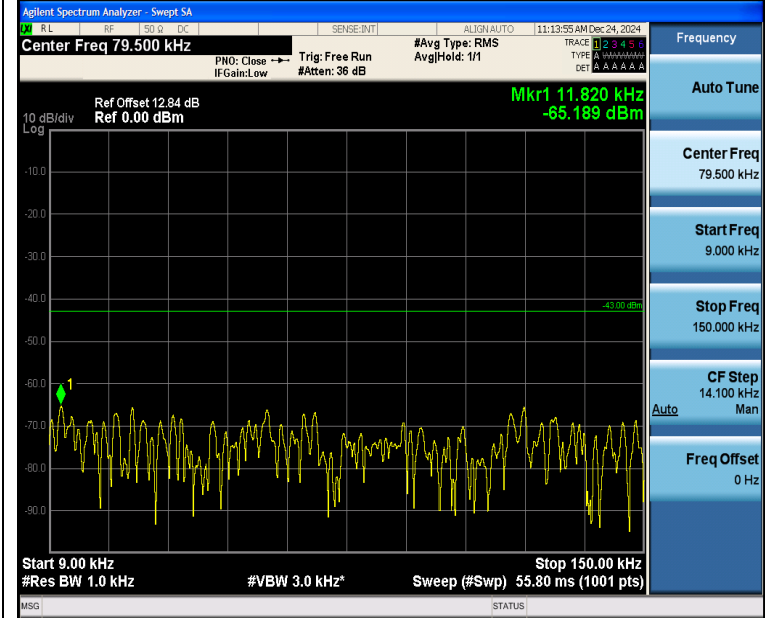




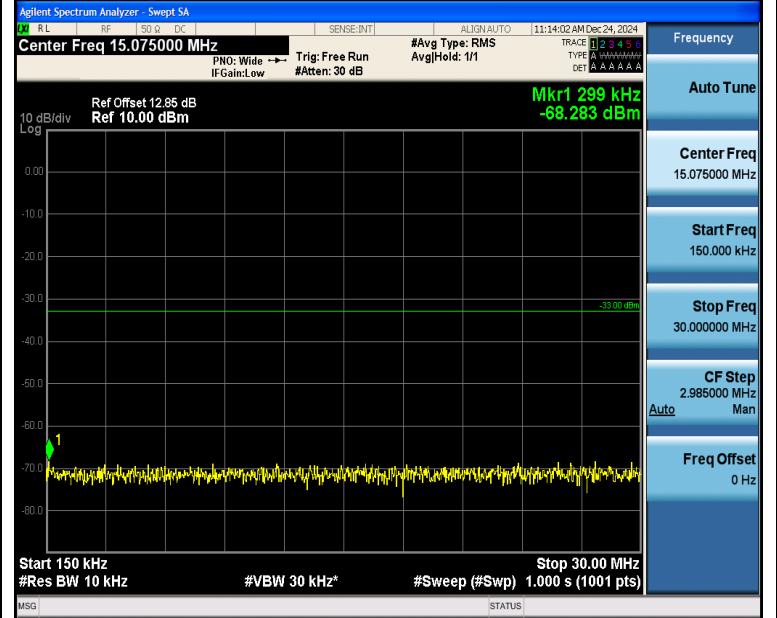
Band2_20MHz_QPSK_18900_100RB#0_1000~3000_1000~3000



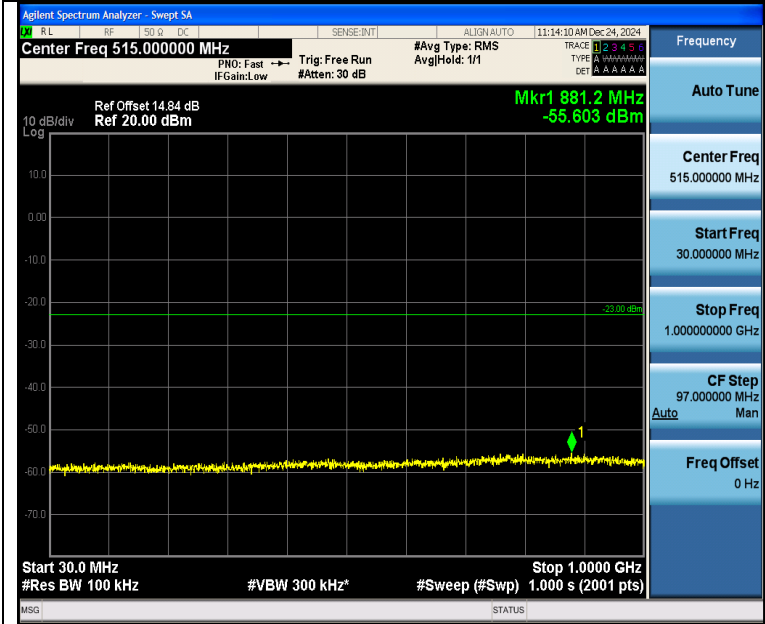
Band2_20MHz_QPSK_18900_100RB#0_3000~20000_3000~20000



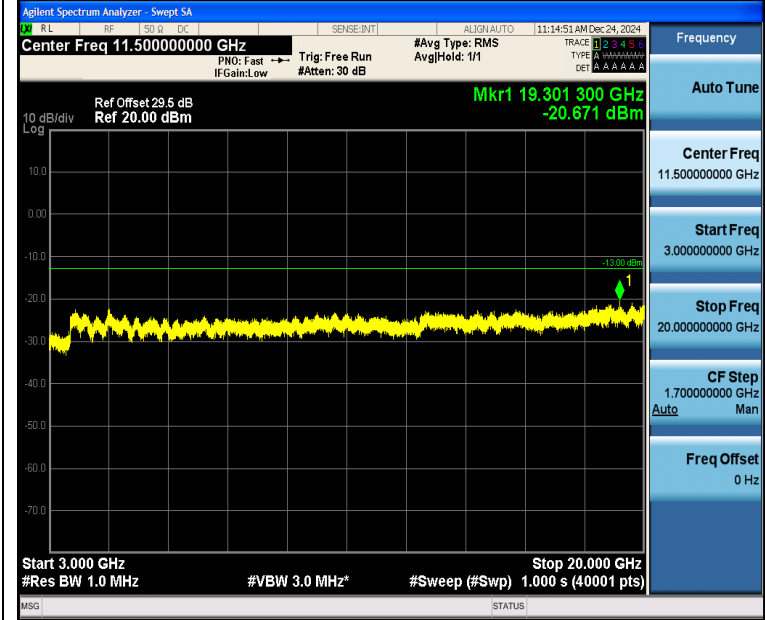
Band2_20MHz_QPSK_19100_100RB#0_0.009~0.15_0.009~0.15



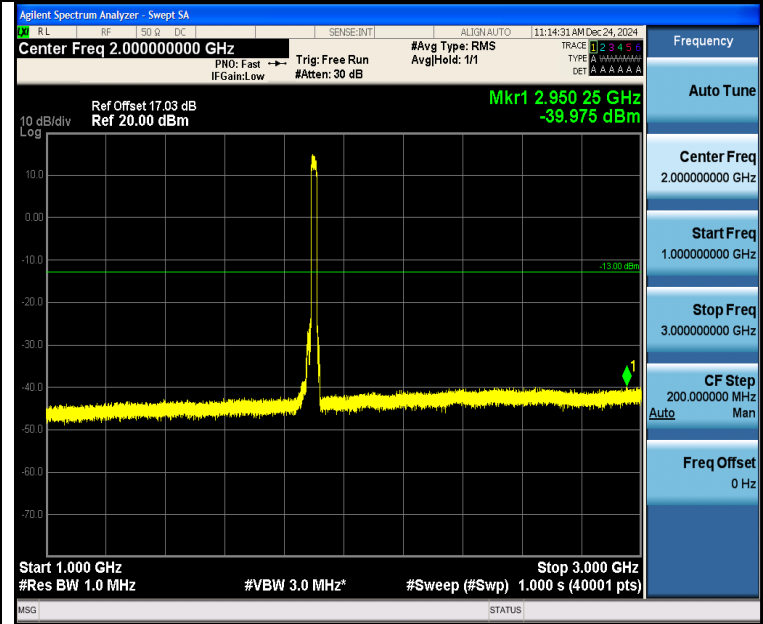
Band2_20MHz_QPSK_19100_100RB#0_0.15~30_0.15~30



Band2_20MHz_QPSK_19100_100RB#0_30~1000_30~1000



Band2_20MHz_QPSK_19100_100RB#0_3000~20000_3000~20000



Band2_20MHz_QPSK_19100_100RB#0_1000~3000_1000~3000

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Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	VN	NT	-8.41	-0.004544	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VL	NT	-6.87	-0.003712	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VH	NT	-7.40	-0.003998	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VN	NT	-6.98	-0.003772	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VL	NT	-4.88	-0.002637	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VH	NT	-4.78	-0.002583	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VN	NT	-5.09	-0.002707	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VL	NT	-7.47	-0.003973	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VH	NT	-7.77	-0.004133	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VN	NT	-8.60	-0.004574	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VL	NT	-7.24	-0.003851	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VH	NT	-8.15	-0.004335	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VN	NT	3.88	0.002032	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VL	NT	5.55	0.002907	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VH	NT	-3.78	-0.001980	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VN	NT	-4.26	-0.002231	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VL	NT	-4.95	-0.002593	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VH	NT	-3.60	-0.001886	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VN	NT	-7.74	-0.004180	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VL	NT	-5.11	-0.002760	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VH	NT	-4.98	-0.002690	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VN	NT	-7.82	-0.004224	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VL	NT	-5.29	-0.002857	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VH	NT	-8.70	-0.004699	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VN	NT	-8.70	-0.004628	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VL	NT	-7.07	-0.003761	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VH	NT	-6.45	-0.003431	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VN	NT	-6.28	-0.003340	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VL	NT	-5.38	-0.002862	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VH	NT	-8.88	-0.004723	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VN	NT	5.51	0.002887	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VL	NT	13.52	0.007084	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VH	NT	-3.60	-0.001886	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VN	NT	4.42	0.002316	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VL	NT	4.53	0.002374	±2.5	PASS

Band2	3MHz	16QAM	19185	15RB#0	VH	NT	4.06	0.002127	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VN	NT	-21.21	-0.011449	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VL	NT	-23.19	-0.012518	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VH	NT	-20.17	-0.010888	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VN	NT	-21.70	-0.011714	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VL	NT	-18.74	-0.010116	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VH	NT	-22.56	-0.012178	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VN	NT	-7.98	-0.004245	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VL	NT	-9.43	-0.005016	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VH	NT	-6.54	-0.003479	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VN	NT	-8.24	-0.004383	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VL	NT	-7.70	-0.004096	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VH	NT	-7.93	-0.004218	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VN	NT	-4.18	-0.002191	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VL	NT	5.51	0.002889	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VH	NT	3.96	0.002076	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VN	NT	7.68	0.004026	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VL	NT	-8.33	-0.004367	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VH	NT	5.56	0.002915	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VN	NT	21.43	0.011553	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VL	NT	11.46	0.006178	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VH	NT	11.23	0.006054	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VN	NT	-9.08	-0.004830	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VL	NT	-10.80	-0.005745	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VH	NT	-8.80	-0.004681	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VN	NT	4.16	0.002184	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VL	NT	5.18	0.002719	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VH	NT	5.28	0.002772	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VN	NT	-7.05	-0.003795	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VL	NT	-7.62	-0.004102	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VH	NT	-8.78	-0.004727	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VN	NT	-8.01	-0.004261	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VL	NT	-8.61	-0.004580	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VH	NT	-9.40	-0.005000	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VN	NT	-9.83	-0.005167	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VL	NT	-6.18	-0.003248	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VH	NT	-6.19	-0.003254	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	3.20	0.001720	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	-6.22	-0.003344	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	6.35	0.003414	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-5.95	-0.003165	±2.5	PASS

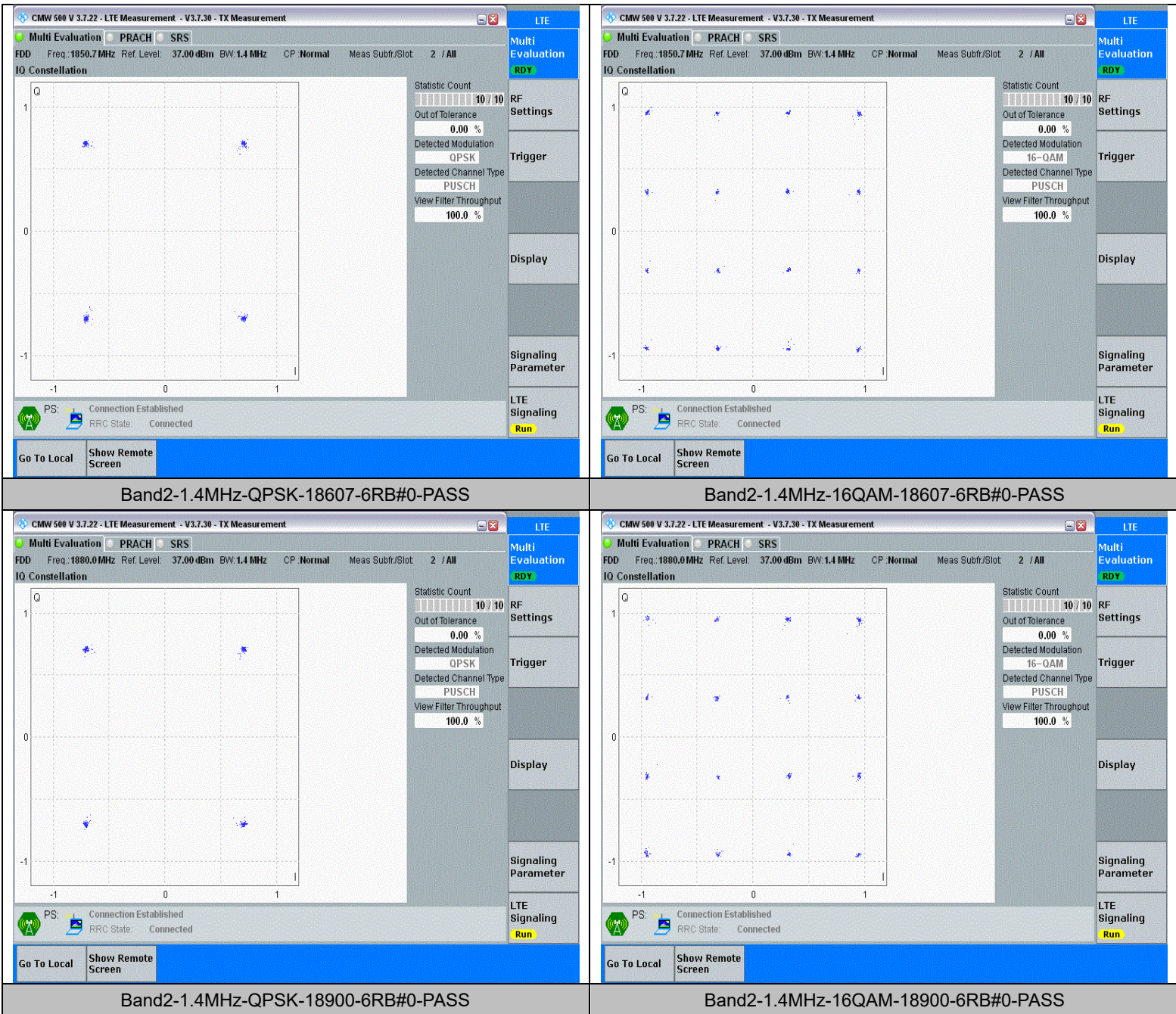
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-7.61	-0.004048	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-6.79	-0.003612	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-11.67	-0.006142	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-4.22	-0.002221	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-5.88	-0.003095	±2.5	PASS

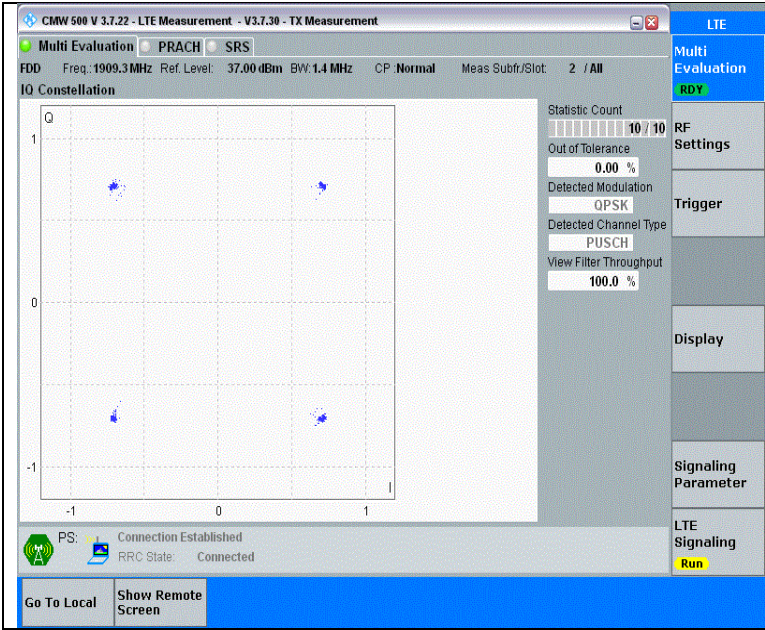
Appendix G: Modulation Characteristics

Test Result

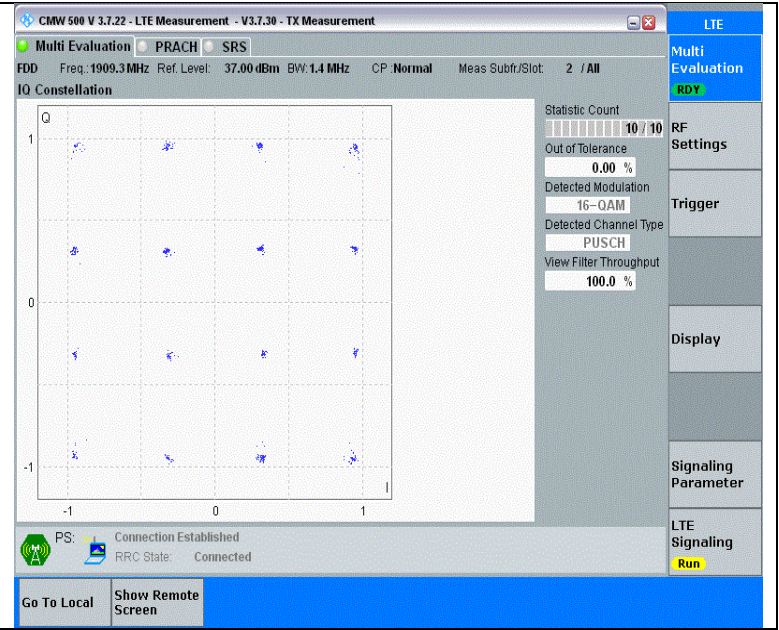
Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	PASS
Band2	3MHz	QPSK	18615	15RB#0	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	QPSK	18900	50RB#0	PASS
Band2	10MHz	QPSK	19150	50RB#0	PASS
Band2	10MHz	16QAM	18650	1RB#0	PASS
Band2	10MHz	16QAM	18900	1RB#0	PASS
Band2	10MHz	16QAM	19150	1RB#0	PASS
Band2	15MHz	QPSK	18675	75RB#0	PASS
Band2	15MHz	QPSK	18900	75RB#0	PASS
Band2	15MHz	QPSK	19125	75RB#0	PASS
Band2	15MHz	16QAM	18675	1RB#0	PASS
Band2	15MHz	16QAM	18900	1RB#0	PASS
Band2	15MHz	16QAM	19125	1RB#0	PASS
Band2	20MHz	QPSK	18700	100RB#0	PASS
Band2	20MHz	QPSK	18900	100RB#0	PASS
Band2	20MHz	QPSK	19100	100RB#0	PASS
Band2	20MHz	16QAM	18700	1RB#0	PASS
Band2	20MHz	16QAM	18900	1RB#0	PASS
Band2	20MHz	16QAM	19100	1RB#0	PASS

Test Graphs

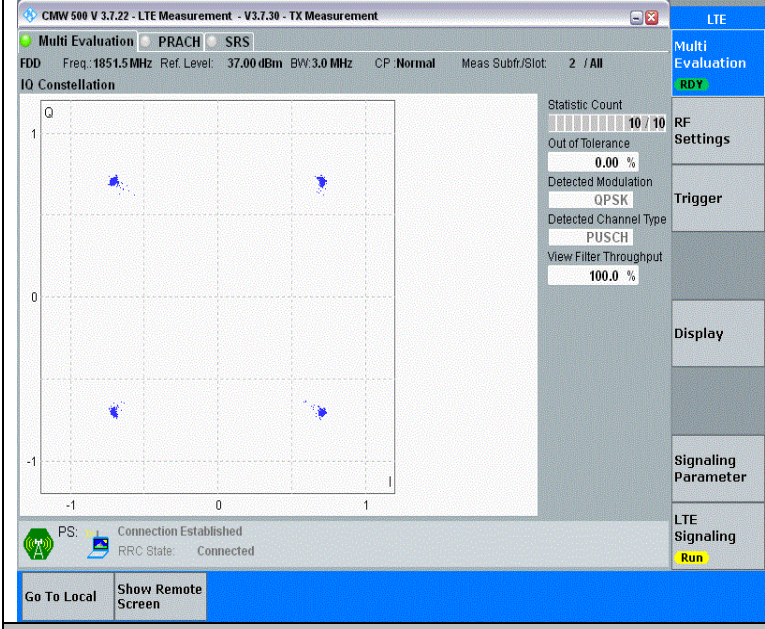




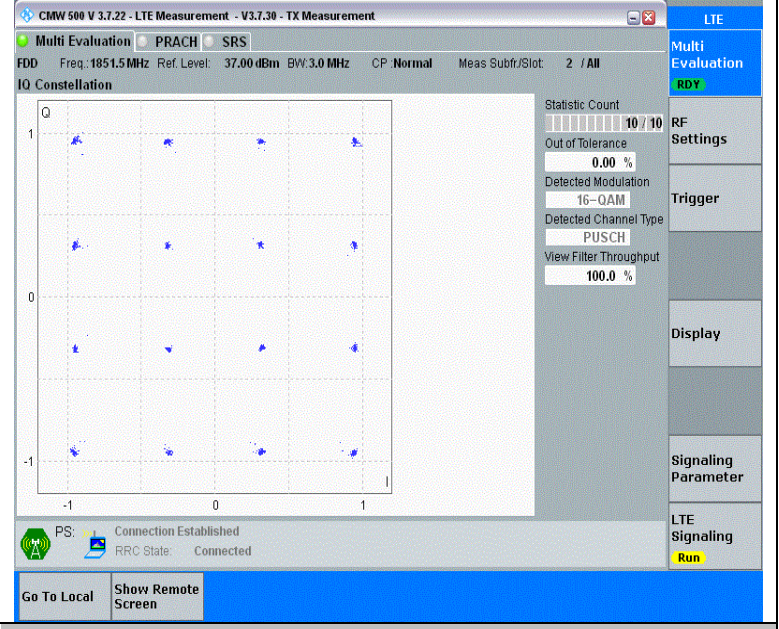
Band2-1.4MHz-QPSK-19193-6RB#0-PASS



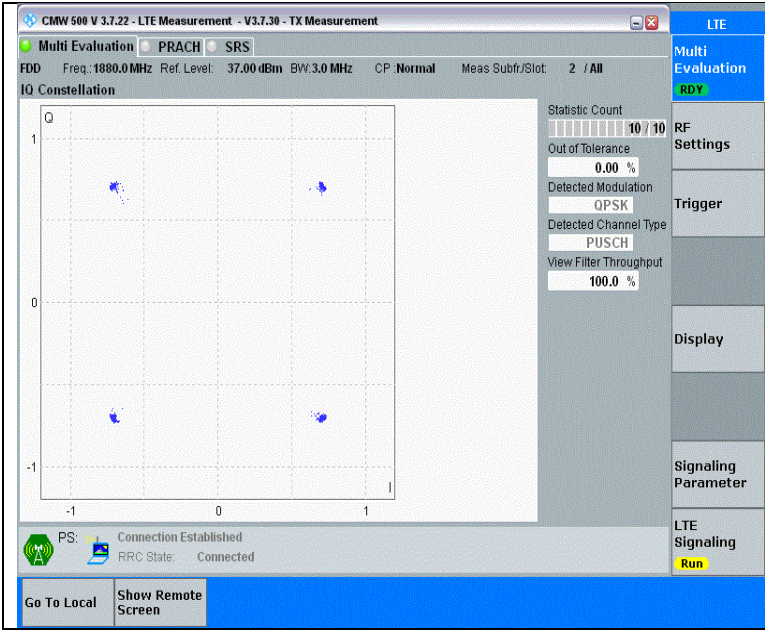
Band2-1.4MHz-16QAM-19193-6RB#0-PASS



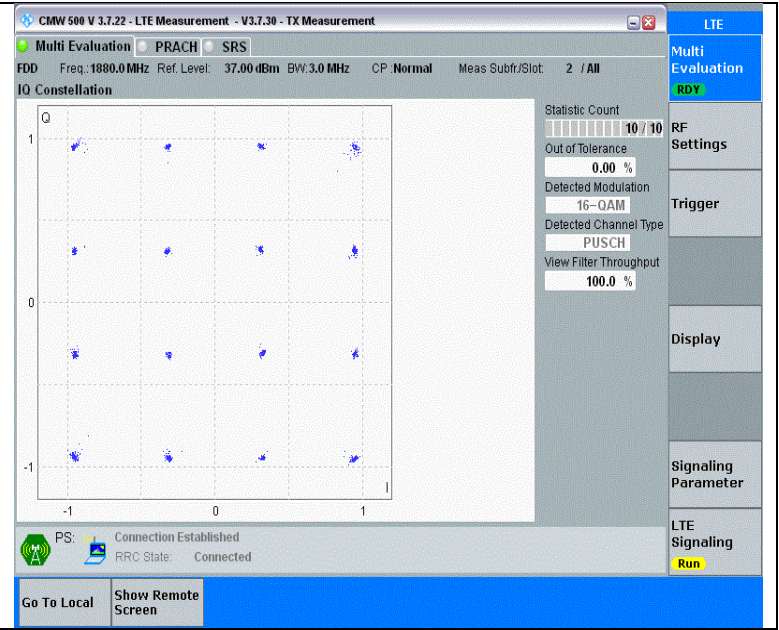
Band2-3MHz-QPSK-18615-15RB#0-PASS



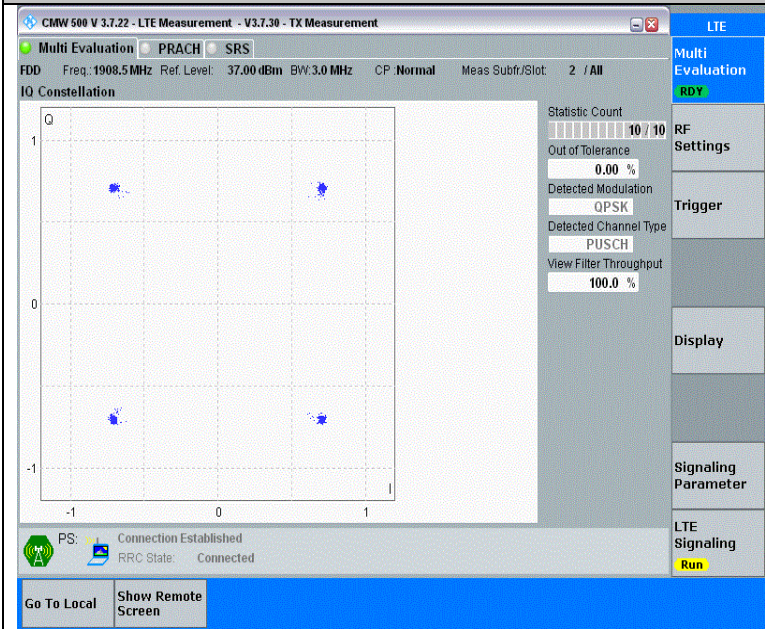
Band2-3MHz-16QAM-18615-15RB#0-PASS



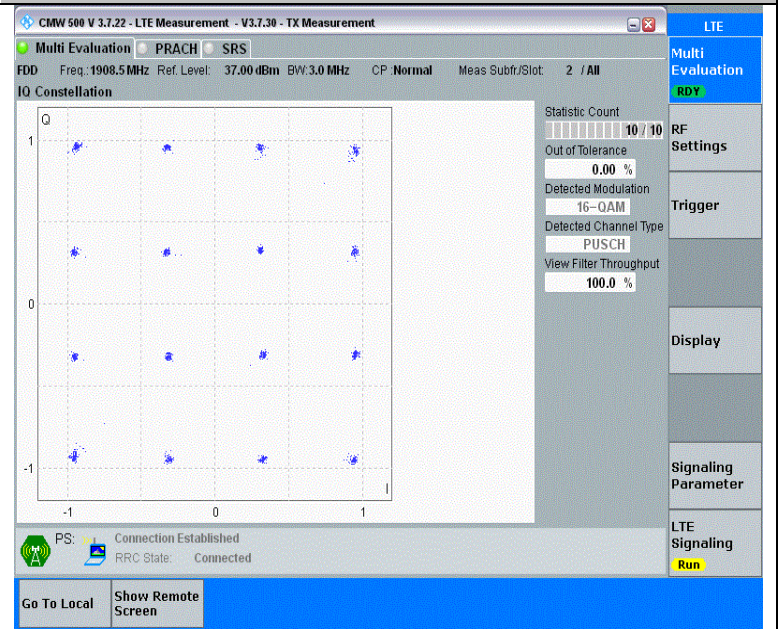
Band2-3MHz-QPSK-18900-15RB#0-PASS



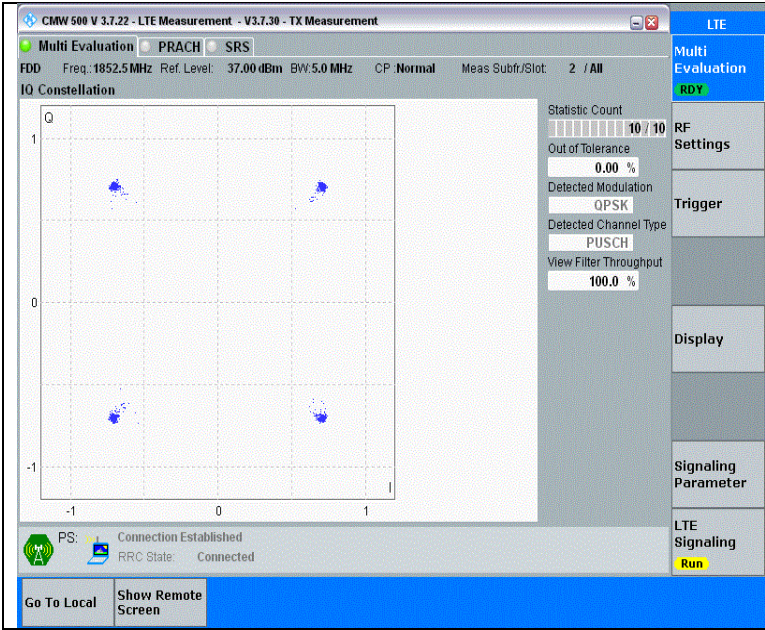
Band2-3MHz-16QAM-18900-15RB#0-PASS



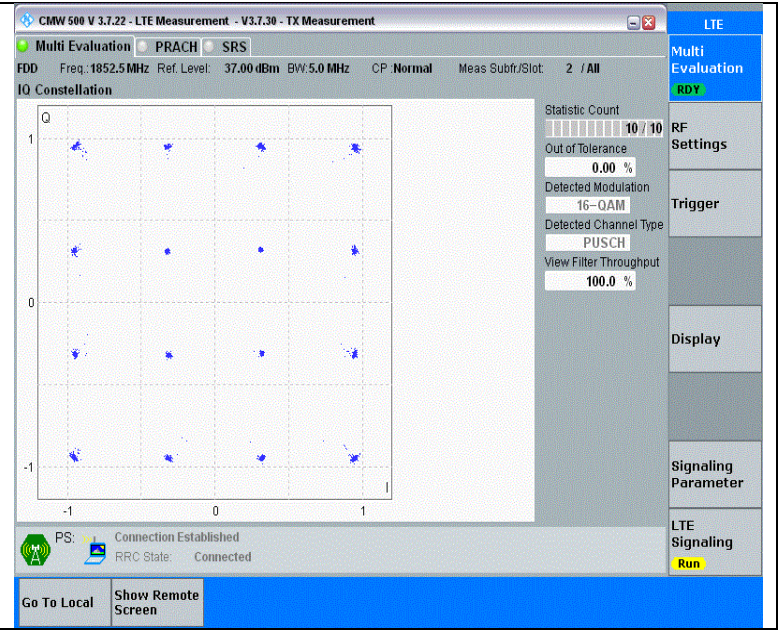
Band2-3MHz-QPSK-19185-15RB#0-PASS



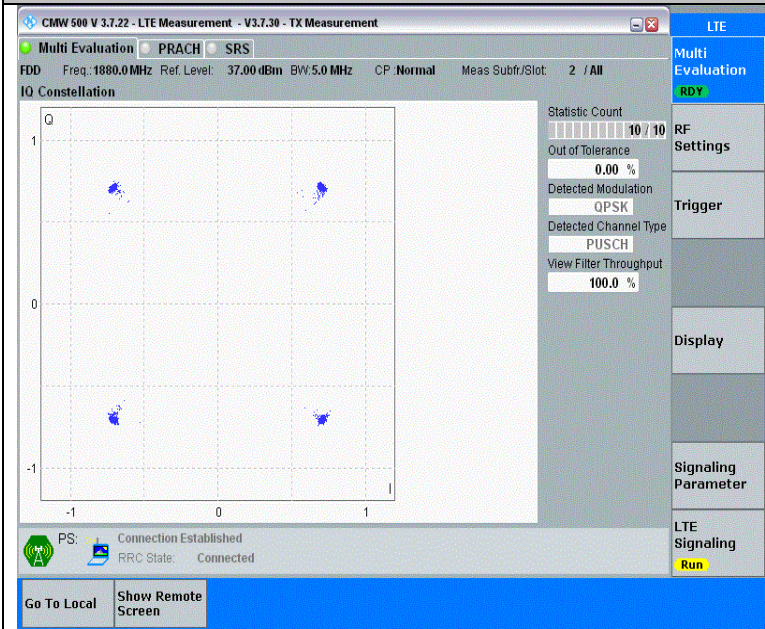
Band2-3MHz-16QAM-19185-15RB#0-PASS



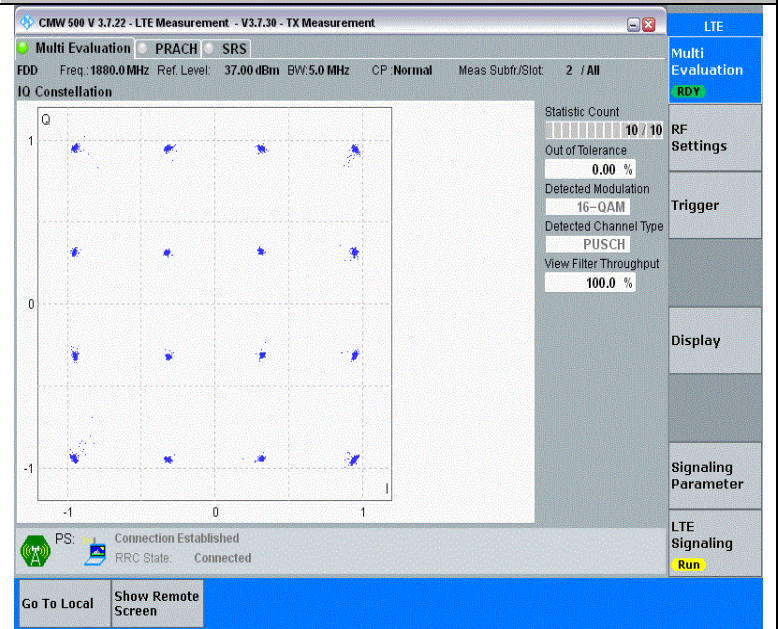
Band2-5MHz-QPSK-18625-25RB#0-PASS



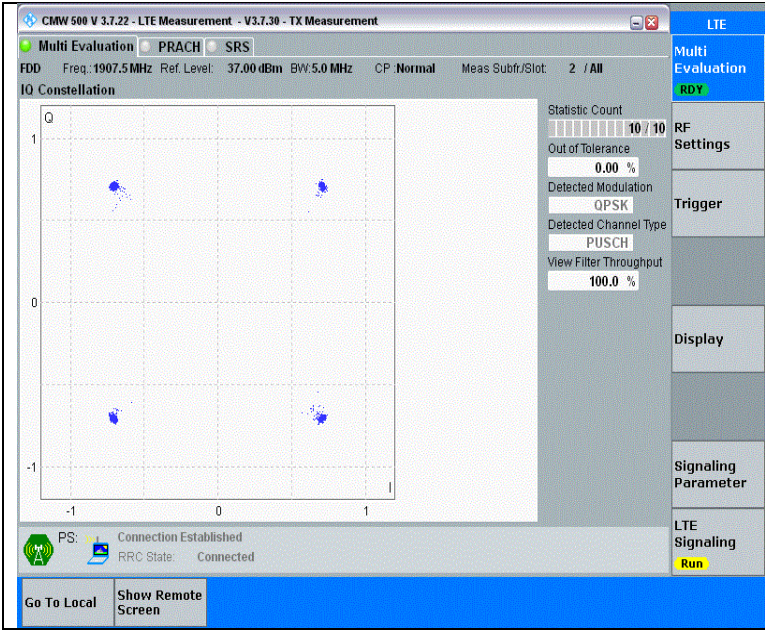
Band2-5MHz-16QAM-18625-25RB#0-PASS



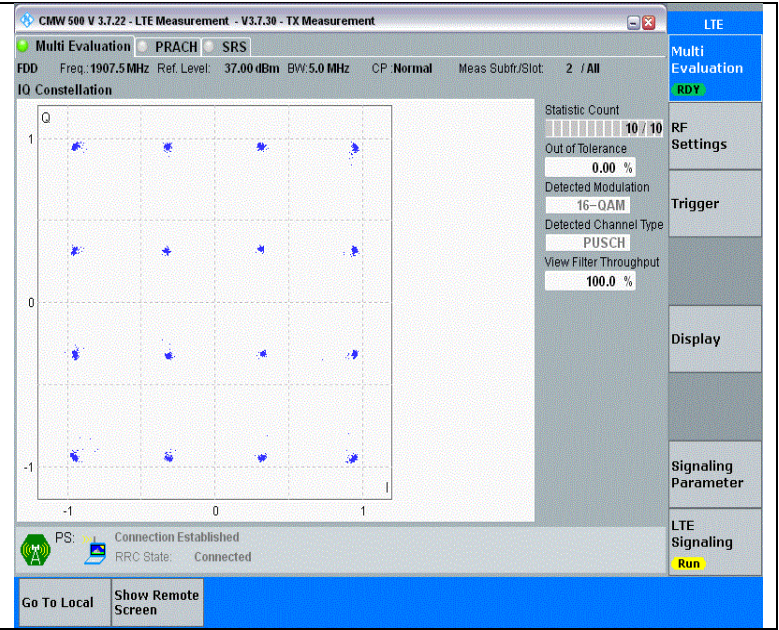
Band2-5MHz-QPSK-18900-25RB#0-PASS



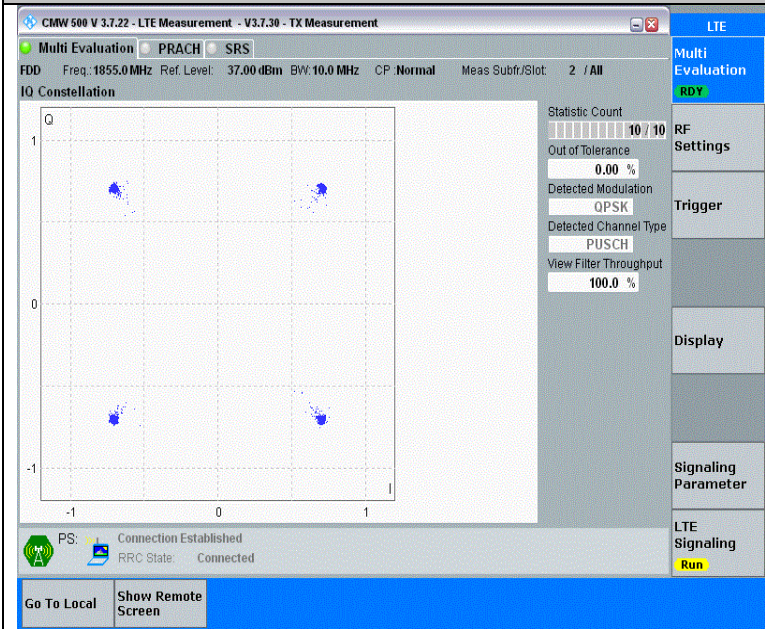
Band2-5MHz-16QAM-18900-25RB#0-PASS



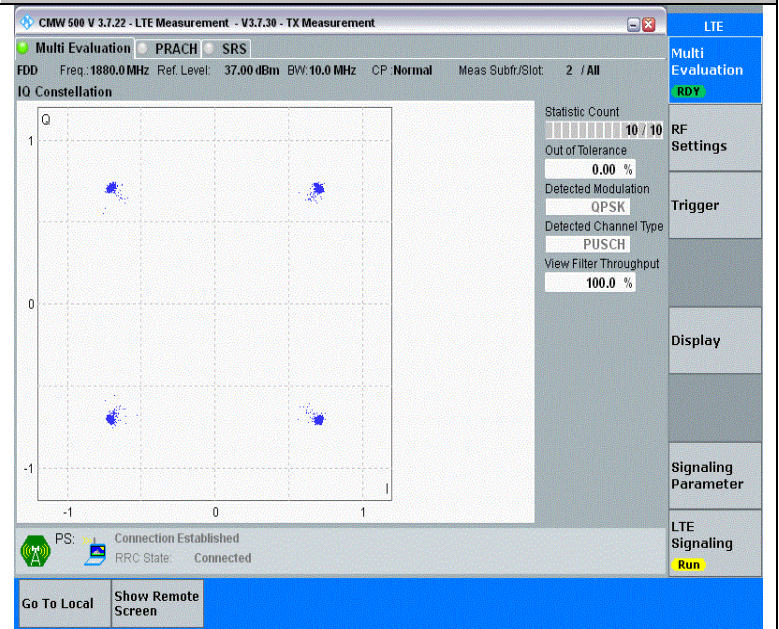
Band2-5MHz-QPSK-19175-25RB#0-PASS



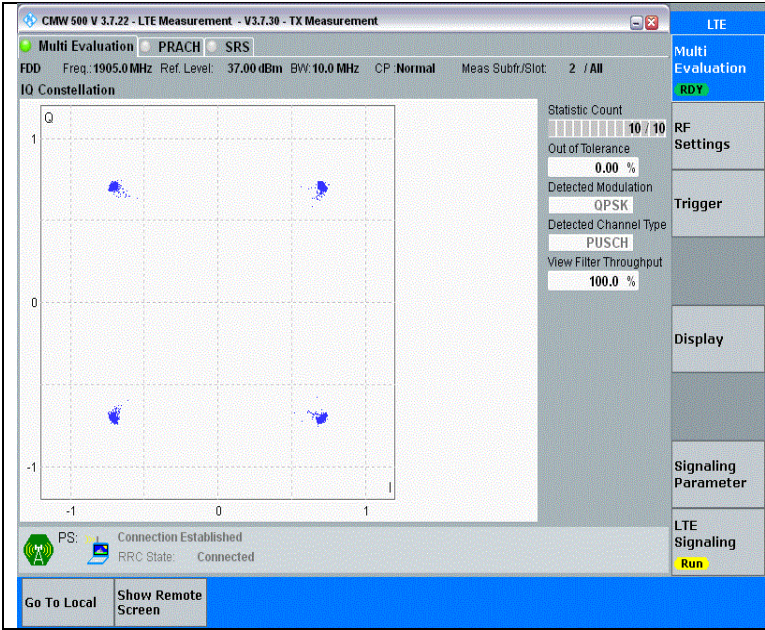
Band2-5MHz-16QAM-19175-25RB#0-PASS



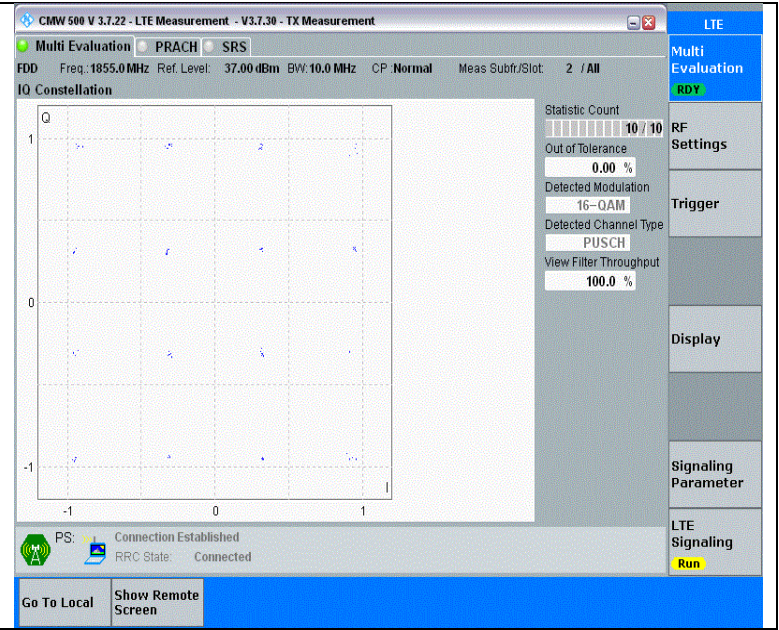
Band2-10MHz-QPSK-18650-50RB#0-PASS



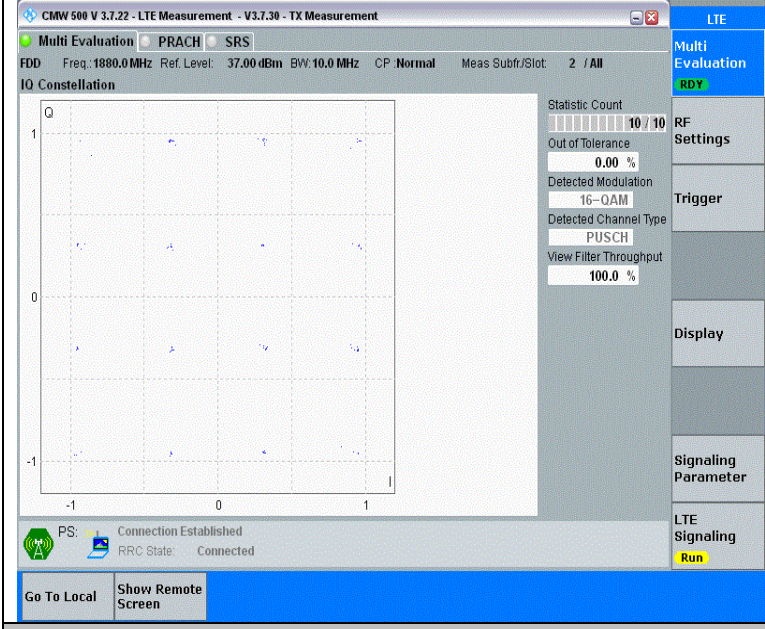
Band2-10MHz-QPSK-18900-50RB#0-PASS



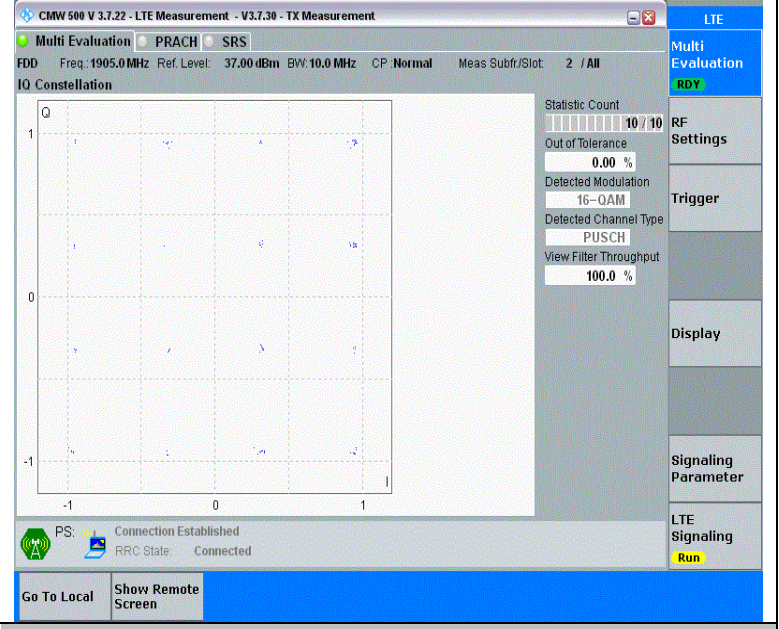
Band2-10MHz-QPSK-19150-50RB#0-PASS



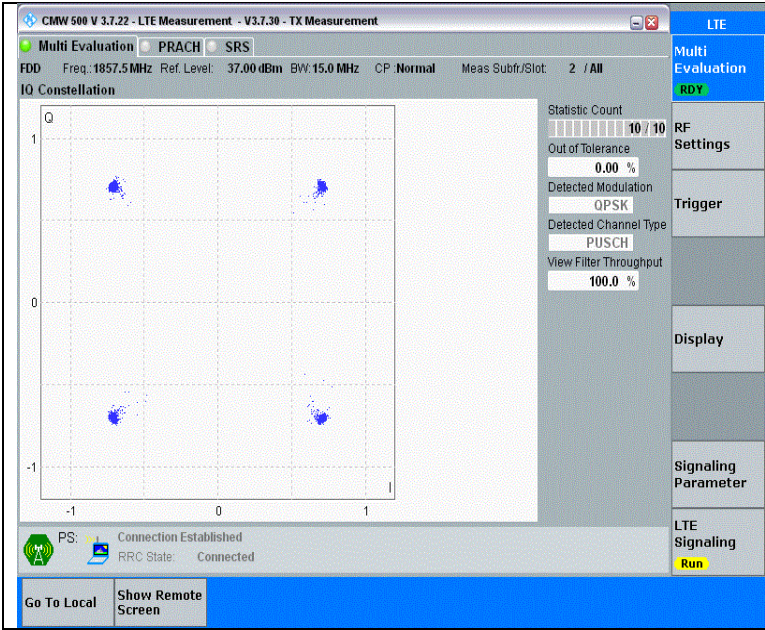
Band2-10MHz-16QAM-18650-1RB#0-PASS



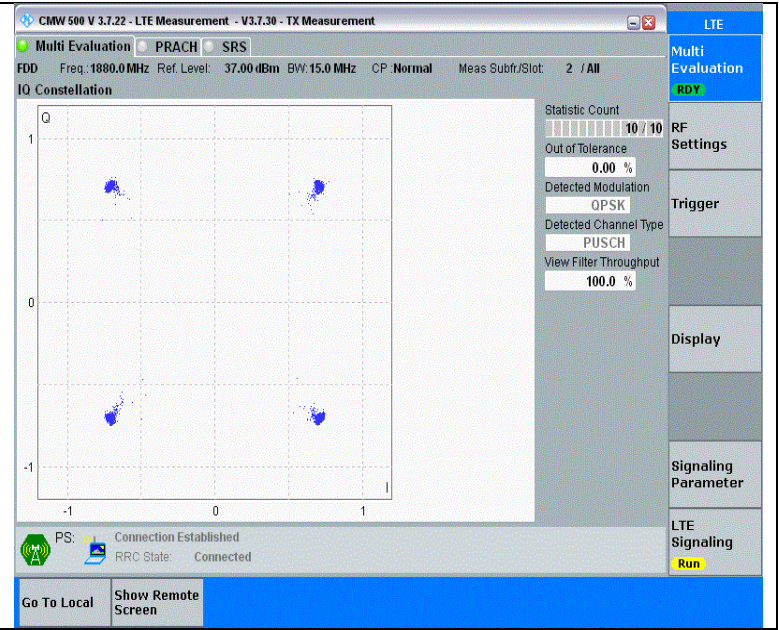
Band2-10MHz-16QAM-18900-1RB#0-PASS



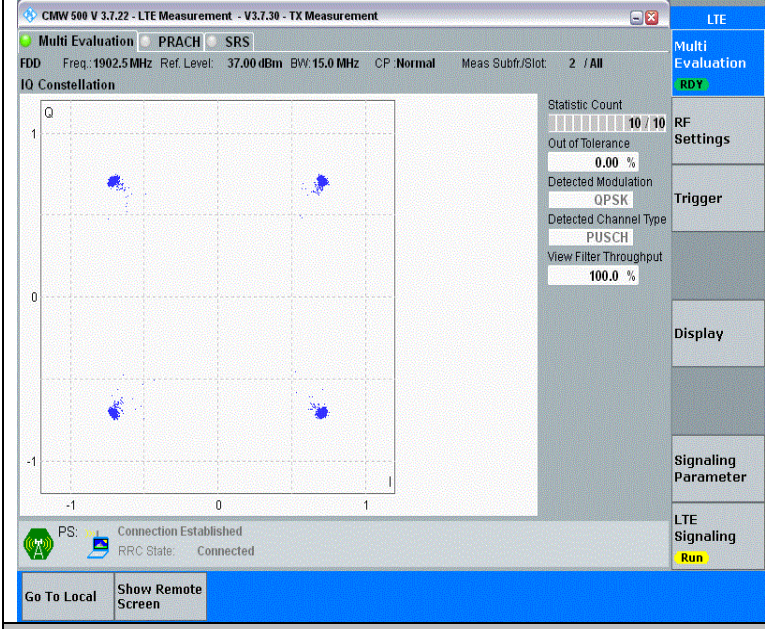
Band2-10MHz-16QAM-19150-1RB#0-PASS



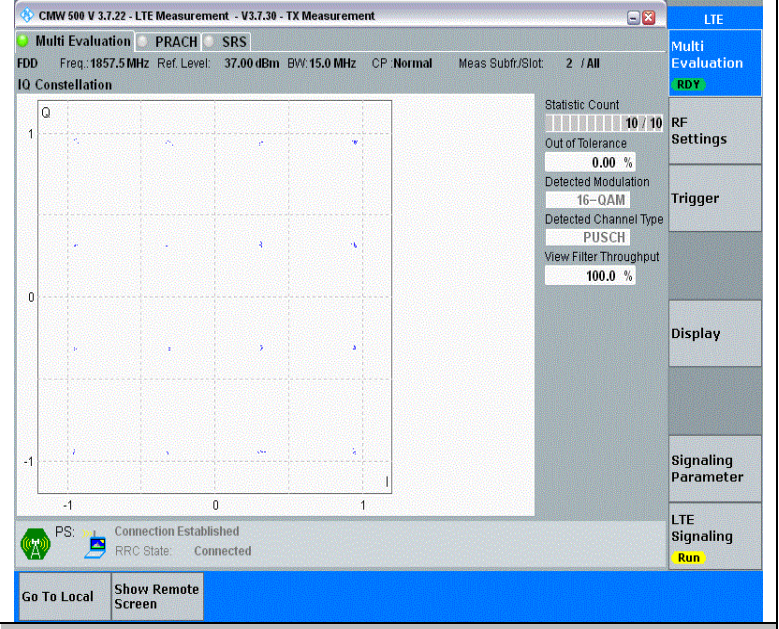
Band2-15MHz-QPSK-18675-75RB#0-PASS



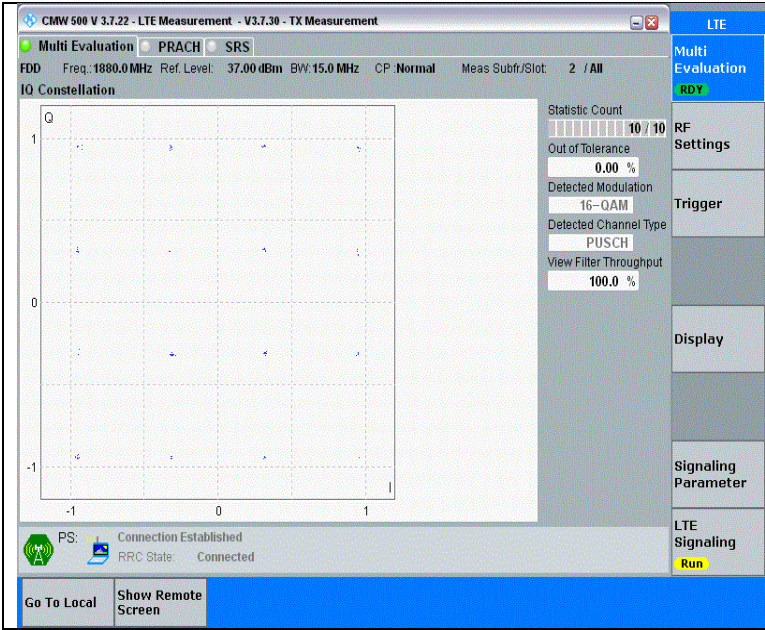
Band2-15MHz-QPSK-18900-75RB#0-PASS



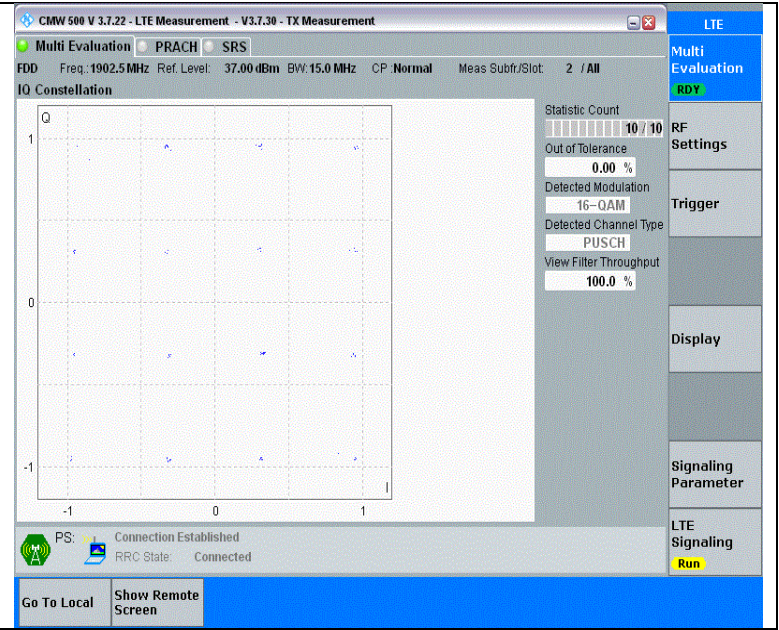
Band2-15MHz-QPSK-19125-75RB#0-PASS



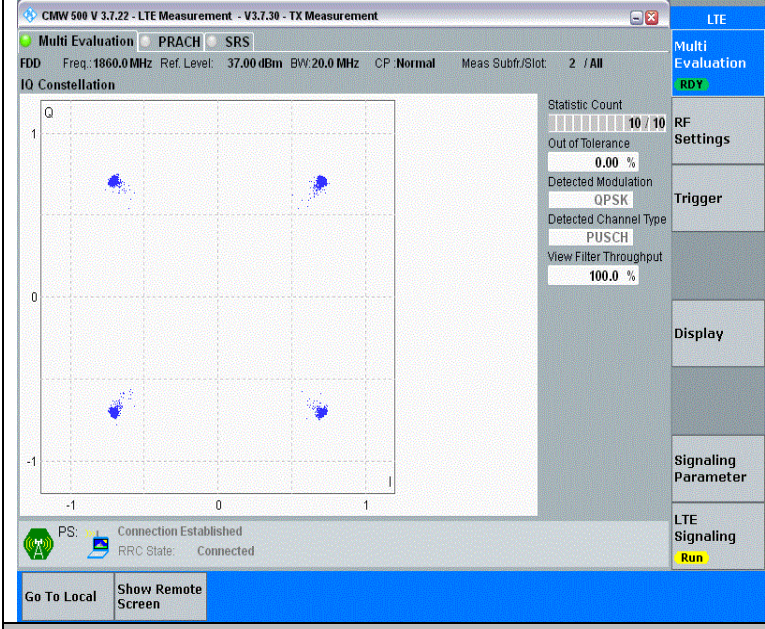
Band2-15MHz-16QAM-18675-1RB#0-PASS



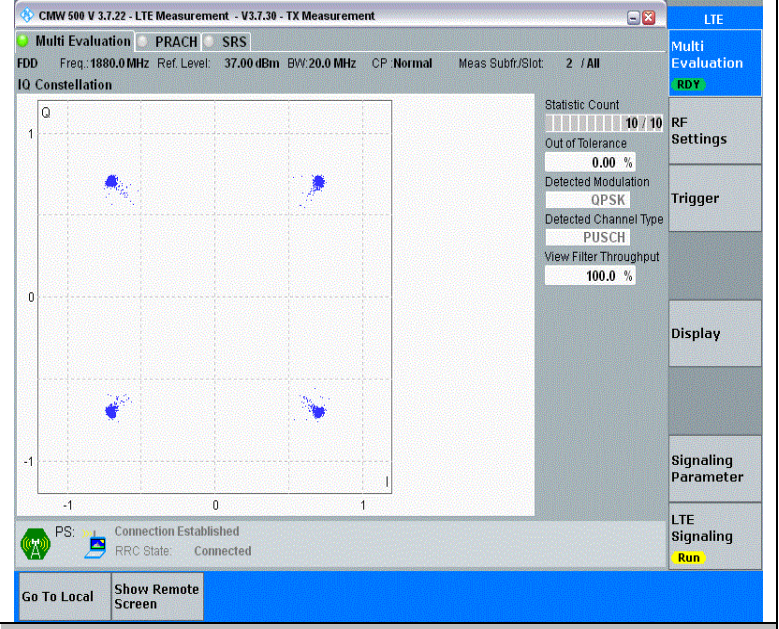
Band2-15MHz-16QAM-18900-1RB#0-PASS



Band2-15MHz-16QAM-19125-1RB#0-PASS



Band2-20MHz-QPSK-18700-100RB#0-PASS



Band2-20MHz-QPSK-18900-100RB#0-PASS