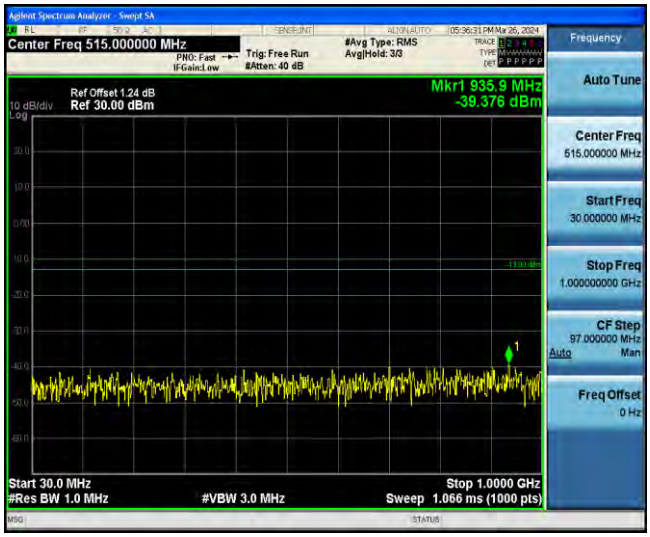
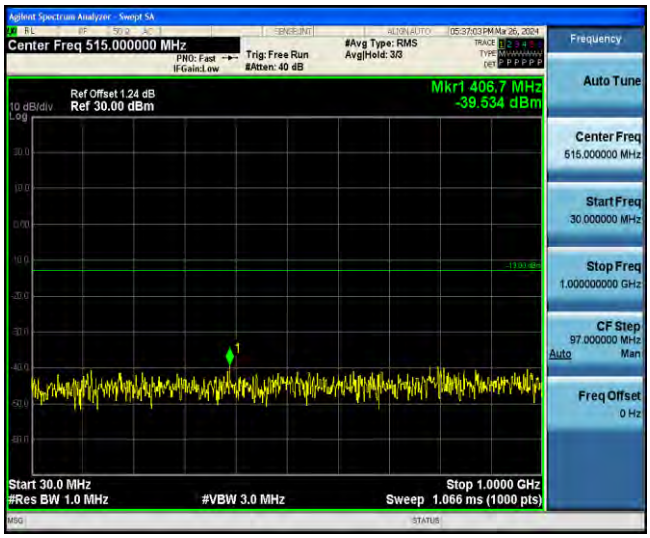
Band2-15MHz-QPSK-18900-1RB#0-Range1:30~1000MHz

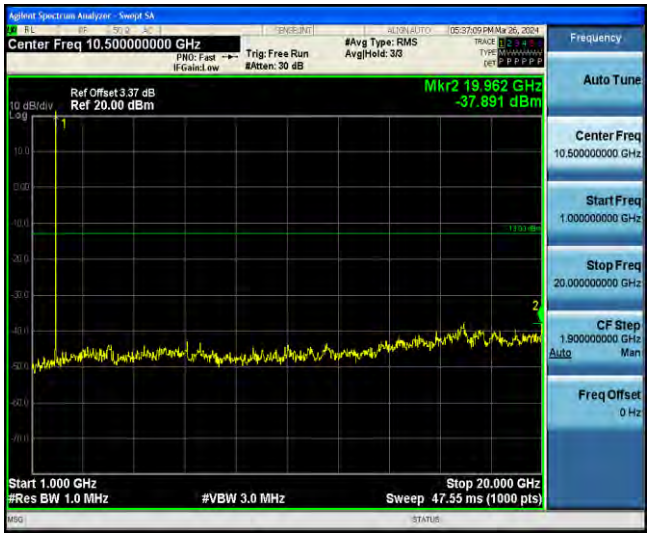


Band2-15MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz

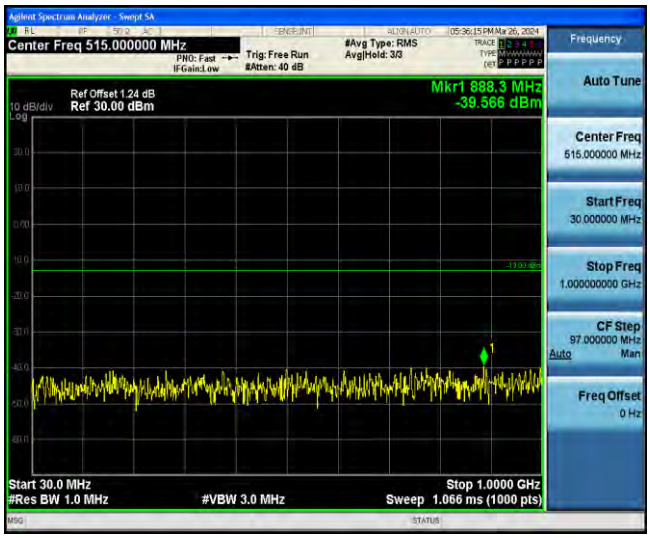
Band2-15MHz-QPSK-19125-1RB#0-Range1:30~1000MHz



Band2-15MHz-QPSK-19125-1RB#0-Range2:1000~20000MHz

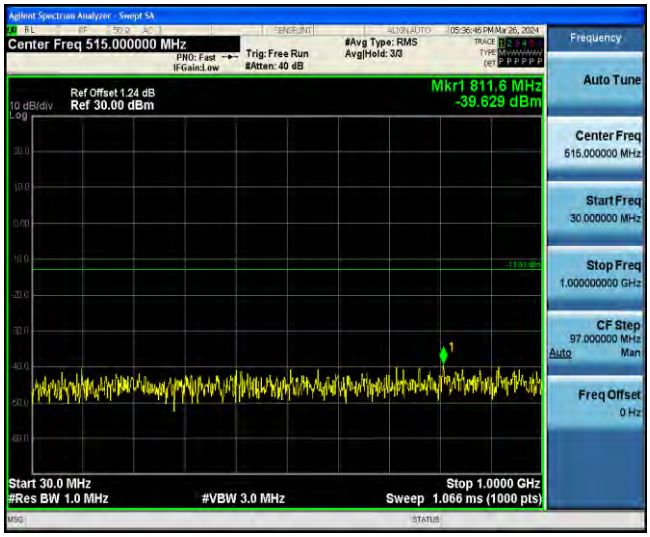


Band2-15MHz-16QAM-18675-1RB#0-Range1:30~1000MHz



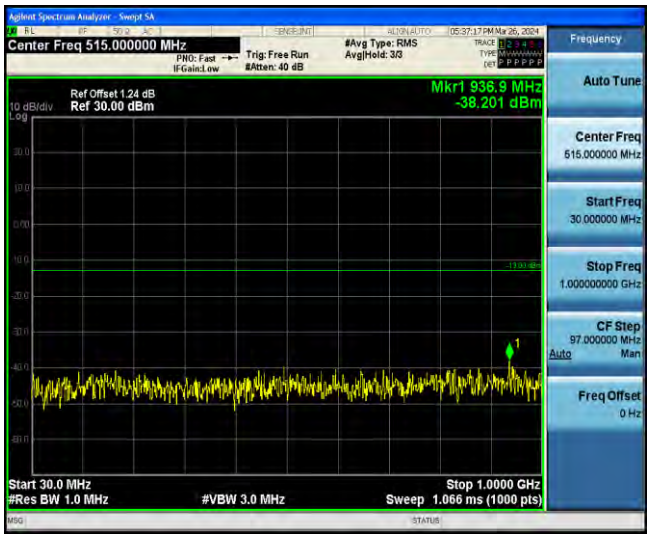
Band2-15MHz-16QAM-18675-1RB#0-Range2:1000~20000MHz

Band2-15MHz-16QAM-18900-1RB#0-Range1:30~1000MHz

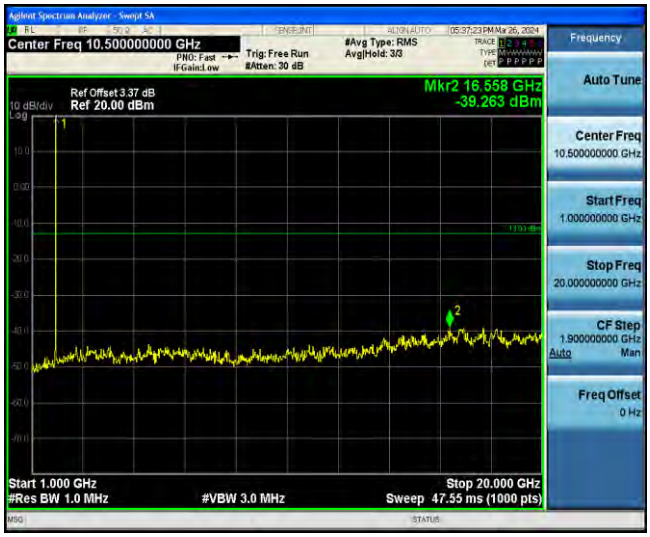


Band2-15MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz

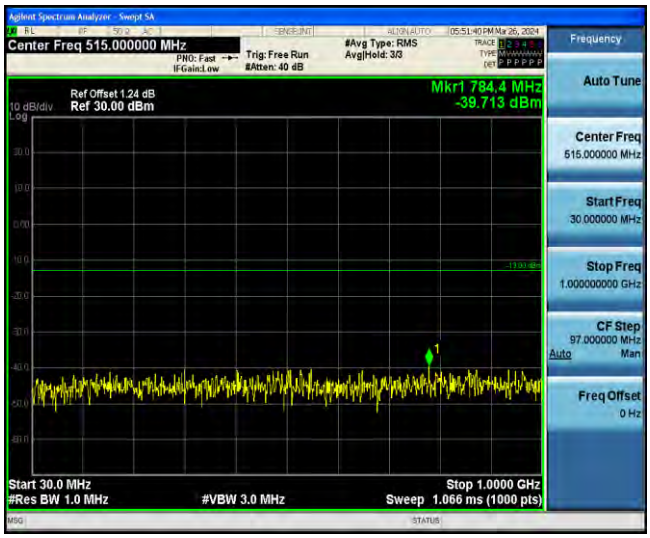
Band2-15MHz-16QAM-19125-1RB#0-Range1:30~1000MHz



Band2-15MHz-16QAM-19125-1RB#0-Range2:1000~20000MHz

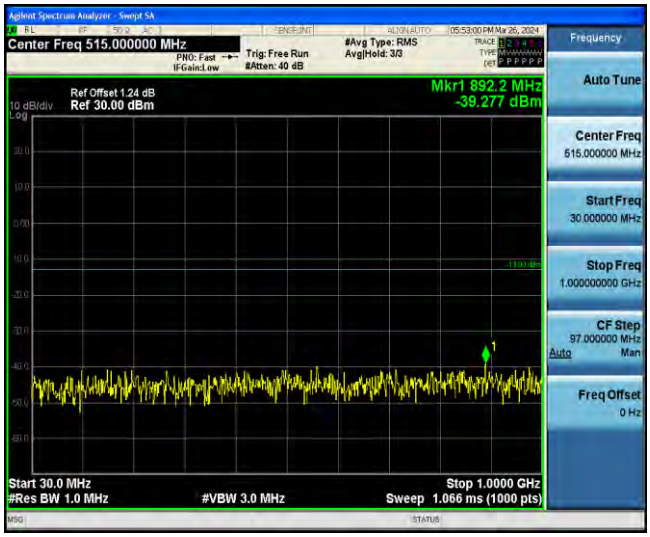


Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz



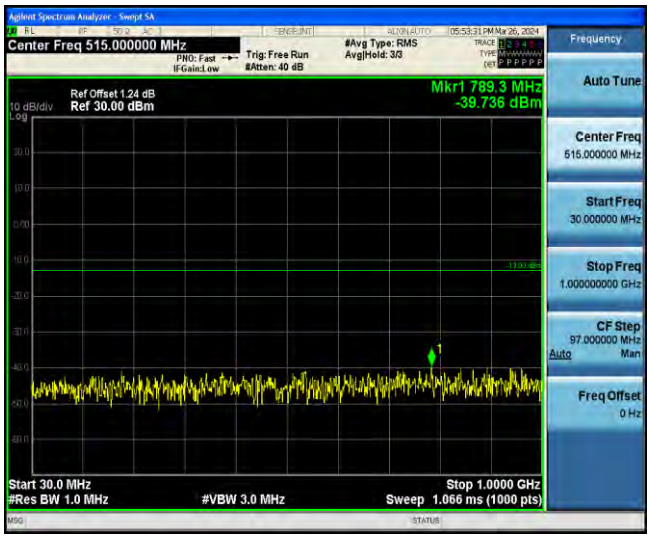
Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz

Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



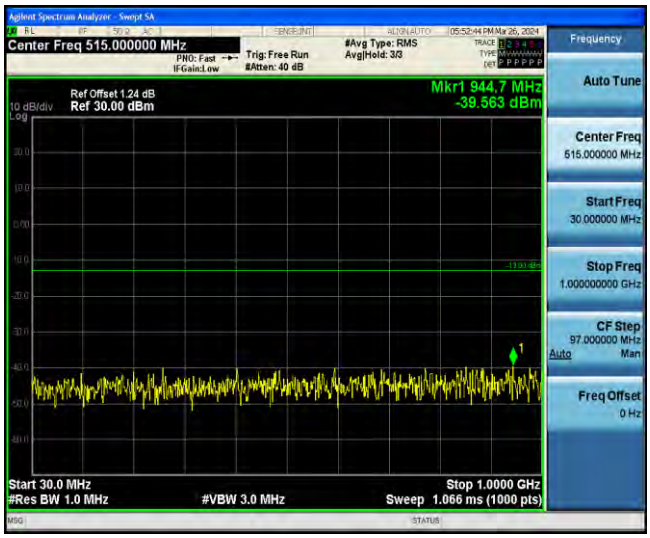
Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz

Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



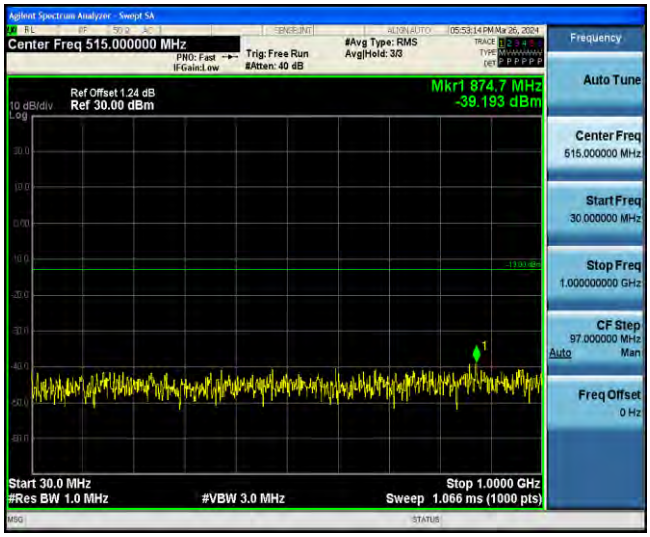
Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz

Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz



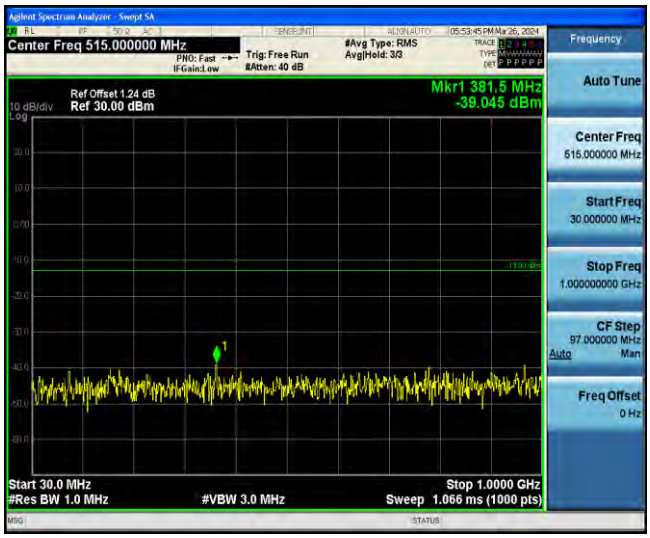
Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz

Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz

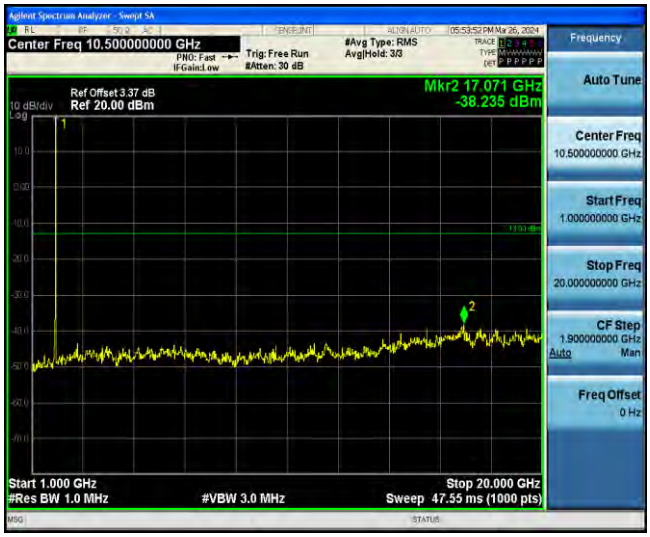


Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz

Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz



Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~20000MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	VL	NT	-5.32	-0.002875	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VN	NT	-4.92	-0.002658	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VH	NT	-4.90	-0.002648	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VL	NT	-6.86	-0.003649	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VN	NT	-6.22	-0.003309	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VH	NT	-4.89	-0.002601	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VL	NT	-4.40	-0.002305	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VN	NT	-3.72	-0.001948	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VH	NT	-3.97	-0.002079	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VL	NT	-8.90	-0.004809	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VN	NT	-9.46	-0.005112	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VH	NT	-8.76	-0.004733	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VL	NT	-8.05	-0.004282	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VN	NT	-3.38	-0.001798	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VH	NT	-8.45	-0.004495	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VL	NT	-4.10	-0.002147	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VN	NT	2.77	0.001451	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VH	NT	3.35	0.001755	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VL	NT	-3.51	-0.001896	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VN	NT	-6.53	-0.003527	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VH	NT	-4.07	-0.002198	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VL	NT	-8.73	-0.004644	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VN	NT	-7.34	-0.003904	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VH	NT	-4.61	-0.002452	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VL	NT	-4.46	-0.002337	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VN	NT	-2.54	-0.001331	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VH	NT	4.47	0.002342	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VL	NT	-6.31	-0.003408	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VN	NT	-4.16	-0.002247	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VH	NT	-5.95	-0.003214	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VL	NT	-6.05	-0.003218	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VN	NT	-5.40	-0.002872	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VH	NT	-7.34	-0.003904	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VL	NT	5.18	0.002714	±2.5	PASS

Band2	3MHz	16QAM	19185	15RB#0	VN	NT	6.07	0.003181	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VH	NT	5.40	0.002829	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VL	NT	-6.81	-0.003676	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VN	NT	-6.74	-0.003638	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VH	NT	-6.67	-0.003601	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VL	NT	-3.89	-0.002069	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VN	NT	-4.91	-0.002612	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VH	NT	-4.84	-0.002574	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VL	NT	4.13	0.002165	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VN	NT	3.76	0.001971	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VH	NT	2.39	0.001253	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VL	NT	-7.22	-0.003897	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VN	NT	-5.32	-0.002872	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VH	NT	-6.37	-0.003439	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VL	NT	-7.85	-0.004176	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VN	NT	-6.84	-0.003638	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VH	NT	-5.55	-0.002952	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VL	NT	-3.66	-0.001919	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VN	NT	6.17	0.003235	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VH	NT	4.12	0.002160	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VL	NT	-5.55	-0.002992	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VN	NT	-5.32	-0.002868	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VH	NT	-5.37	-0.002895	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VL	NT	-5.78	-0.003074	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VN	NT	-8.23	-0.004378	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VH	NT	-7.61	-0.004048	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VL	NT	-3.96	-0.002079	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VN	NT	2.85	0.001496	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VH	NT	3.14	0.001648	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VL	NT	-4.67	-0.002518	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VN	NT	-4.84	-0.002609	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VH	NT	-7.48	-0.004032	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VL	NT	-5.70	-0.003032	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VN	NT	-3.27	-0.001739	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VH	NT	-6.97	-0.003707	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VL	NT	4.63	0.002430	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VN	NT	2.47	0.001297	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VH	NT	3.65	0.001916	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VL	NT	-6.56	-0.003532	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VN	NT	-6.56	-0.003532	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VH	NT	-7.93	-0.004269	±2.5	PASS

Band2	15MHz	QPSK	18900	75RB#0	VL	NT	-7.69	-0.004090	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VN	NT	-4.14	-0.002202	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VH	NT	-6.55	-0.003484	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VL	NT	-6.14	-0.003227	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VN	NT	-7.27	-0.003821	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VH	NT	-7.19	-0.003779	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VL	NT	-8.01	-0.004312	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VN	NT	-5.67	-0.003052	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VH	NT	-5.00	-0.002692	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VL	NT	-5.24	-0.002787	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VN	NT	-5.56	-0.002957	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VH	NT	-3.36	-0.001787	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VL	NT	-5.06	-0.002660	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VN	NT	-6.63	-0.003485	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VH	NT	-7.70	-0.004047	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	6.26	0.003366	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	3.67	0.001973	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	4.19	0.002253	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-6.79	-0.003612	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-3.85	-0.002048	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-8.16	-0.004340	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-4.75	-0.002500	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-6.78	-0.003568	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-4.79	-0.002521	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	2.64	0.001419	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	5.33	0.002866	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	5.63	0.003027	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-6.84	-0.003638	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-5.57	-0.002963	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	-5.14	-0.002734	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-5.92	-0.003116	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-5.41	-0.002847	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-4.29	-0.002258	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-30	-6.03	-0.003258	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-20	-4.57	-0.002469	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	0	-5.87	-0.003172	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	10	-3.16	-0.001707	±2.5	PASS

Band2	1.4MHz	QPSK	18607	6RB#0	NV	20	-4.21	-0.002275	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-30	-5.13	-0.002729	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-20	-7.34	-0.003904	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	0	-6.91	-0.003676	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	10	-4.25	-0.002261	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	20	-5.78	-0.003074	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-30	-3.41	-0.001786	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-20	-3.78	-0.001980	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	0	-2.61	-0.001367	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	10	-6.69	-0.003504	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	20	-2.80	-0.001467	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-30	-5.63	-0.003042	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-20	-6.07	-0.003280	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	0	-9.23	-0.004987	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	10	-4.88	-0.002637	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	20	-5.99	-0.003237	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-30	-4.85	-0.002580	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-20	-4.13	-0.002197	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	0	-7.16	-0.003809	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	10	-7.62	-0.004053	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	20	-6.29	-0.003346	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-30	2.18	0.001142	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-20	3.29	0.001723	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	0	-2.18	-0.001142	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	10	3.60	0.001886	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	20	3.36	0.001760	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	-30	-7.54	-0.004072	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	-20	-6.30	-0.003403	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	0	-3.76	-0.002031	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	10	-6.88	-0.003716	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	20	-6.39	-0.003451	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-30	-7.72	-0.004106	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-20	-4.64	-0.002468	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	0	-5.47	-0.002910	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	10	-3.43	-0.001824	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	20	-4.33	-0.002303	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	-30	4.27	0.002237	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	-20	2.92	0.001530	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	0	5.31	0.002782	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	10	1.94	0.001017	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	20	-3.88	-0.002033	±2.5	PASS

Band2	3MHz	16QAM	18615	15RB#0	NV	-30	-6.13	-0.003311	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	-20	-6.24	-0.003370	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	0	-3.85	-0.002079	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	10	-4.96	-0.002679	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	20	-5.57	-0.003008	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-30	-4.00	-0.002128	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-20	-5.91	-0.003144	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	0	-6.55	-0.003484	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	10	-5.36	-0.002851	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	20	-8.17	-0.004346	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	-30	5.75	0.003013	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	-20	4.27	0.002237	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	0	3.91	0.002049	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	10	5.78	0.003029	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	20	3.22	0.001687	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	-30	-4.85	-0.002618	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	-20	-4.38	-0.002364	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	0	-8.94	-0.004826	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	10	-5.52	-0.002980	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	20	-8.59	-0.004637	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-30	-6.50	-0.003457	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-20	-6.58	-0.003500	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	0	-8.45	-0.004495	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	10	-7.39	-0.003931	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	20	-4.48	-0.002383	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	-30	7.19	0.003769	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	-20	3.99	0.002092	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	0	4.30	0.002254	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	10	4.54	0.002380	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	20	3.21	0.001683	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	-30	-6.67	-0.003601	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	-20	-7.74	-0.004178	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	0	-7.17	-0.003870	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	10	-7.06	-0.003811	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	20	-5.82	-0.003142	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-30	-4.23	-0.002250	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-20	-6.49	-0.003452	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	0	-7.77	-0.004133	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	10	-6.31	-0.003356	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	20	-5.61	-0.002984	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	-30	3.69	0.001934	±2.5	PASS

Band2	5MHz	16QAM	19175	25RB#0	NV	-20	4.84	0.002537	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	0	2.96	0.001552	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	10	3.81	0.001997	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	20	3.26	0.001709	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-30	-5.28	-0.002846	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-20	-3.91	-0.002108	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	0	-3.87	-0.002086	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	10	-7.41	-0.003995	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	20	-4.39	-0.002367	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-30	-5.91	-0.003144	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-20	-6.31	-0.003356	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	0	-3.62	-0.001926	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	10	-3.67	-0.001952	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	20	-5.46	-0.002904	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-30	4.87	0.002556	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-20	-4.63	-0.002430	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	0	4.97	0.002609	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	10	-4.47	-0.002346	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	20	-3.84	-0.002016	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-30	-6.32	-0.003407	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-20	-5.61	-0.003024	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	0	-4.76	-0.002566	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	10	-5.90	-0.003181	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	20	-8.08	-0.004356	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-30	-3.40	-0.001809	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-20	-5.00	-0.002660	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	0	-6.14	-0.003266	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	10	-6.59	-0.003505	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	20	-6.66	-0.003543	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	-30	-2.74	-0.001438	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	-20	2.17	0.001139	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	0	4.89	0.002567	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	10	3.27	0.001717	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	20	4.24	0.002226	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	-30	-5.63	-0.003031	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	-20	-6.28	-0.003381	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	0	-7.70	-0.004145	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	10	-6.98	-0.003758	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	20	-4.67	-0.002514	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-30	-5.08	-0.002702	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-20	-7.08	-0.003766	±2.5	PASS

Band2	15MHz	QPSK	18900	75RB#0	NV	0	-5.54	-0.002947	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	10	-5.51	-0.002931	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	20	-5.53	-0.002941	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	-30	-4.66	-0.002449	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	-20	-5.95	-0.003127	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	0	-5.62	-0.002954	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	10	-4.92	-0.002586	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	20	-8.23	-0.004326	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	-30	-3.77	-0.002030	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	-20	-4.87	-0.002622	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	0	-6.88	-0.003704	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	10	-6.12	-0.003295	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	20	-6.67	-0.003591	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-30	-4.65	-0.002473	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-20	-4.72	-0.002511	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	0	-3.83	-0.002037	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	10	-4.63	-0.002463	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	20	-5.68	-0.003021	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	-30	-4.20	-0.002208	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	-20	-5.57	-0.002928	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	0	-4.15	-0.002181	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	10	-5.53	-0.002907	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	20	-7.65	-0.004021	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	5.90	0.003172	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	4.93	0.002651	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	2.09	0.001124	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	5.19	0.002790	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	3.43	0.001844	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-8.51	-0.004527	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-6.28	-0.003340	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-6.58	-0.003500	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-5.49	-0.002920	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-8.12	-0.004319	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-5.28	-0.002779	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-4.43	-0.002332	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-6.35	-0.003342	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-4.53	-0.002384	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-3.16	-0.001663	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	3.98	0.002140	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	4.65	0.002500	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	4.56	0.002452	±2.5	PASS

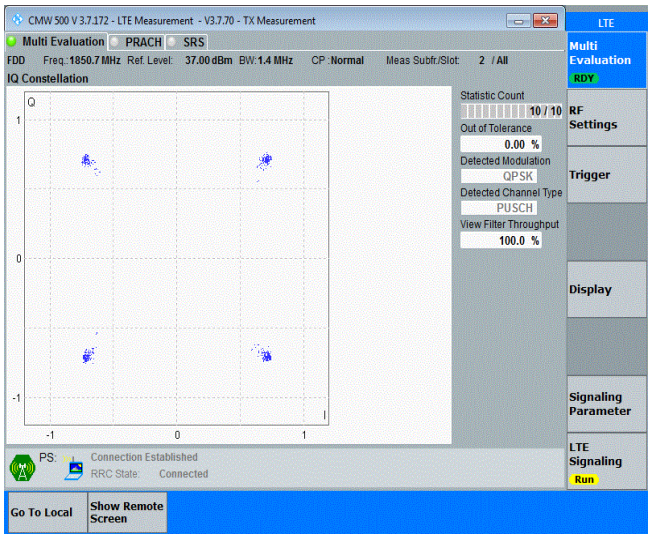
Band2	20MHz	16QAM	18700	100RB#0	NV	10	-2.96	-0.001591	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	-3.62	-0.001946	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-6.17	-0.003282	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-7.80	-0.004149	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-2.30	-0.001223	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-6.11	-0.003250	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-3.71	-0.001973	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-5.28	-0.002779	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-7.18	-0.003779	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-7.40	-0.003895	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-2.56	-0.001347	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-8.19	-0.004311	±2.5	PASS

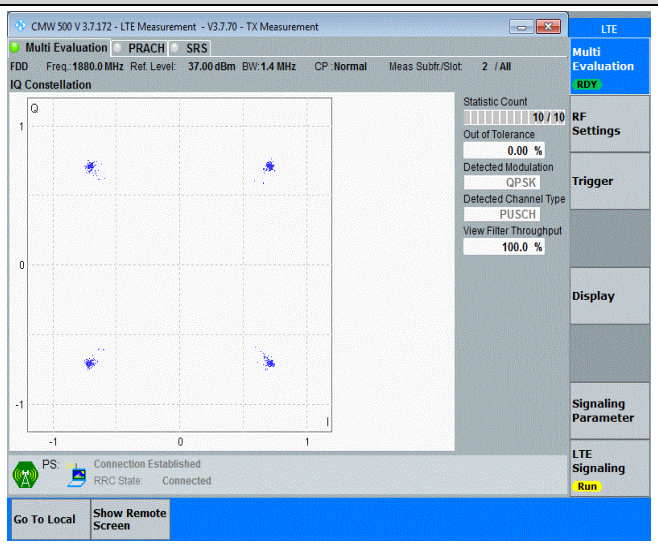
Appendix G: Modulation Characteristics

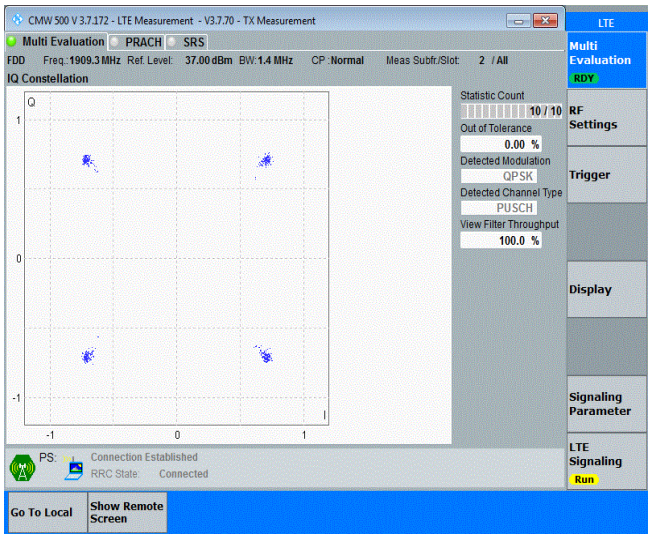
Test Result

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

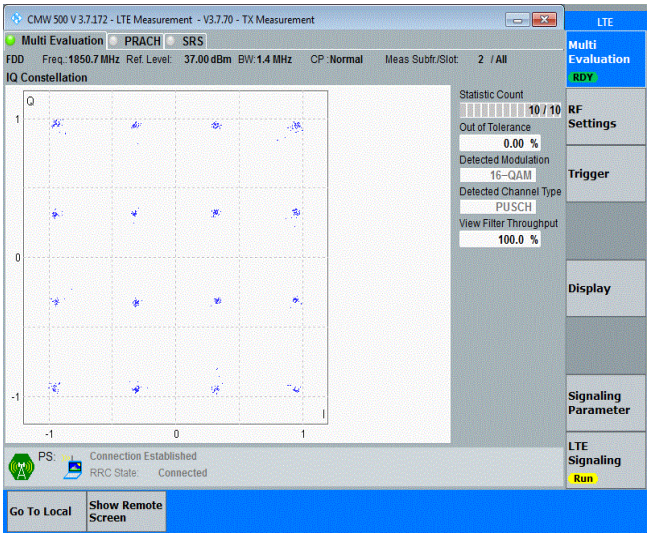
Test Graphs

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


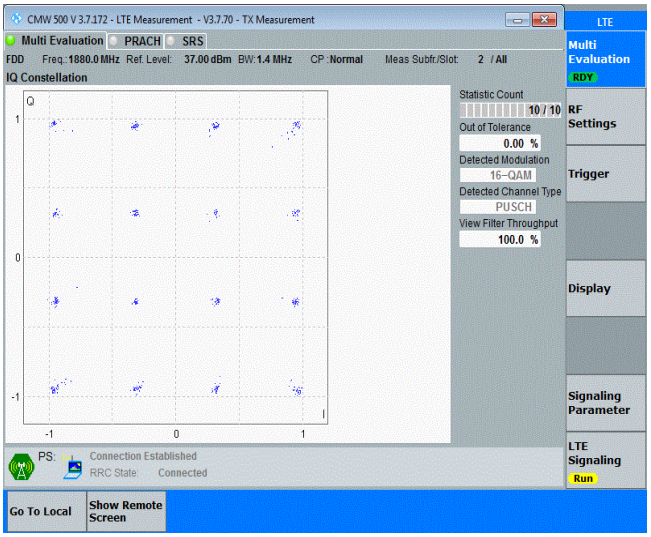
Band2-1.4MHz-QPSK-18900-6RB#0


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


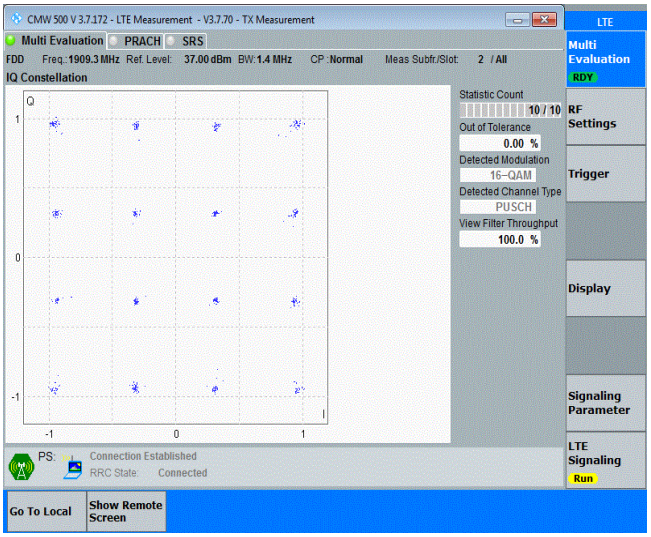
Band2-1.4MHz-16QAM-18607-6RB#0



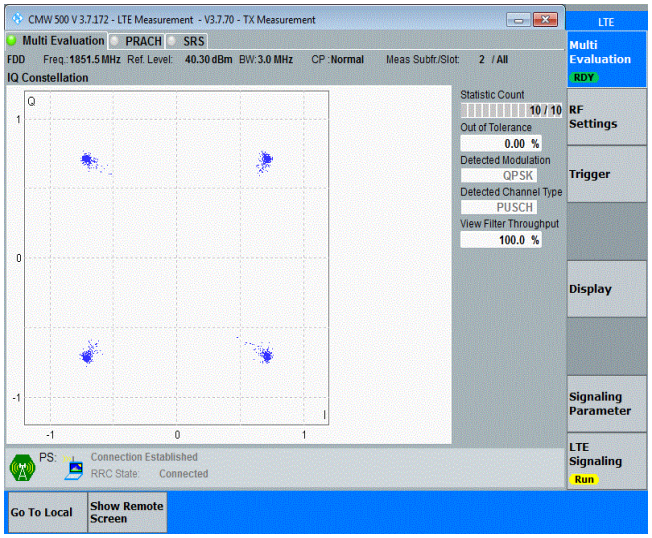
Band2-1.4MHz-16QAM-18900-6RB#0



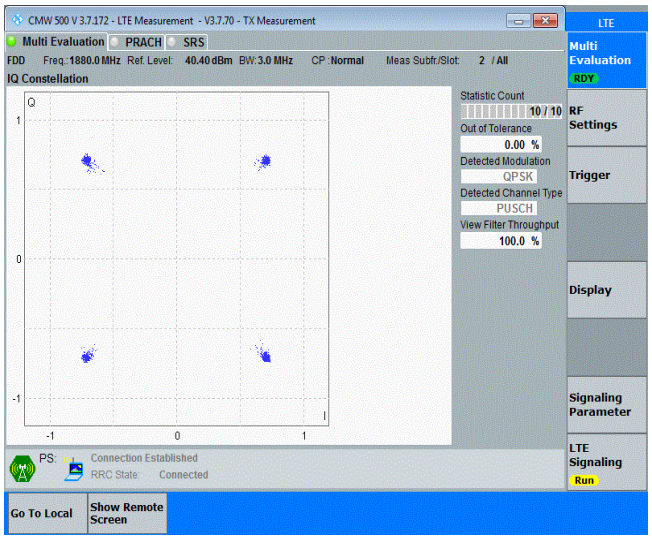
Band2-1.4MHz-16QAM-19193-6RB#0



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



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



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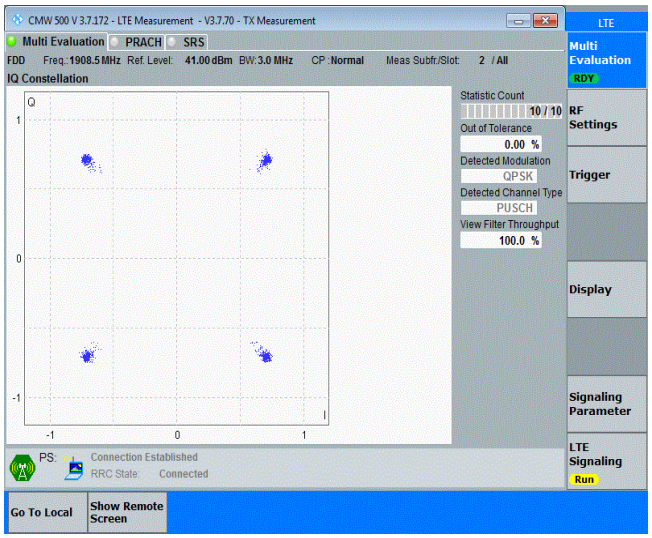
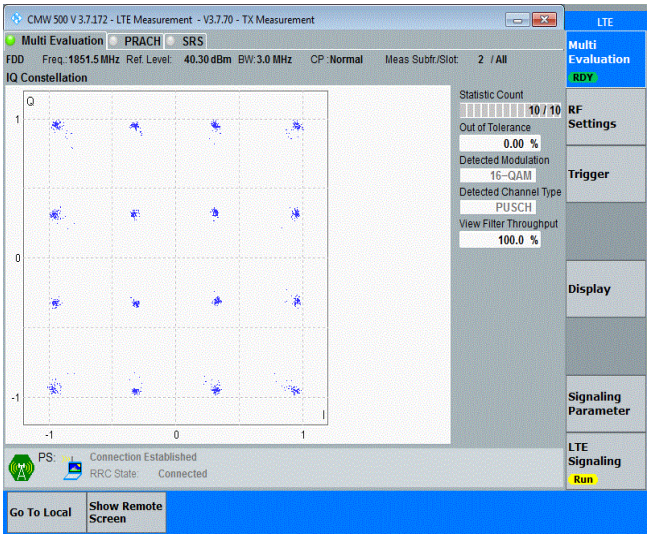


Band2-3MHz-16QAM-18615-15RB#0



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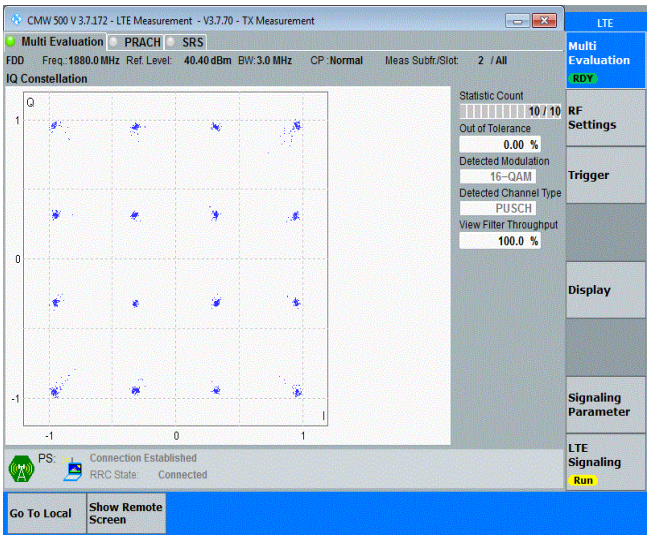

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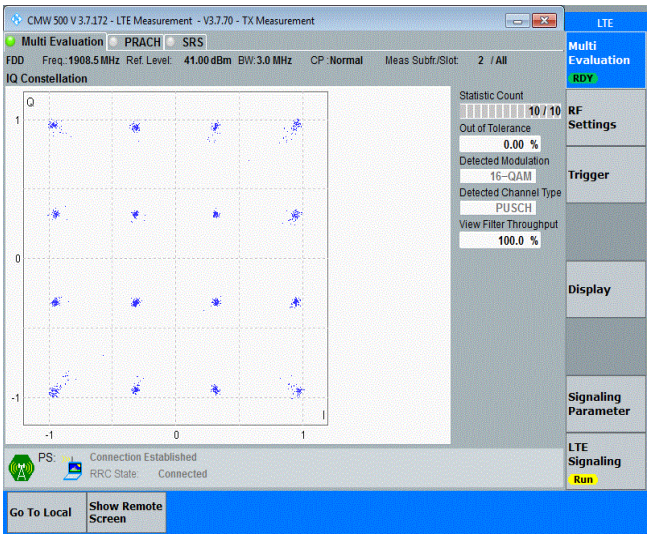

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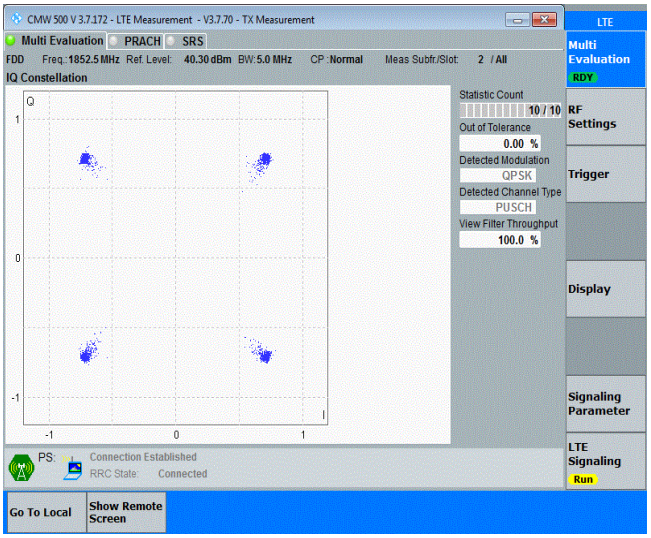

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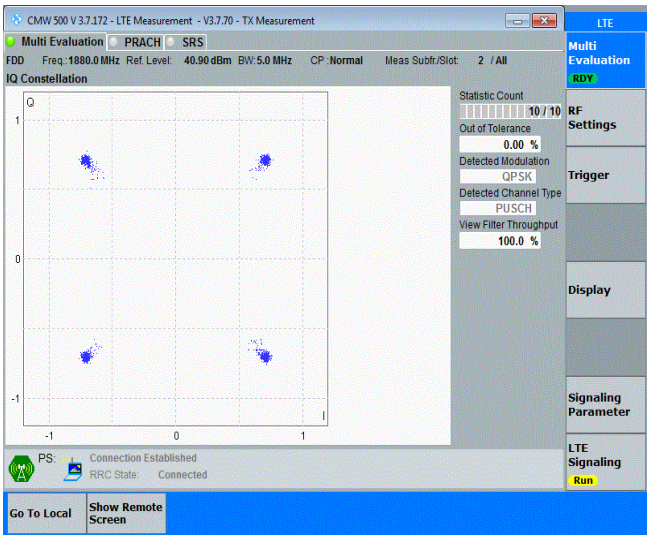

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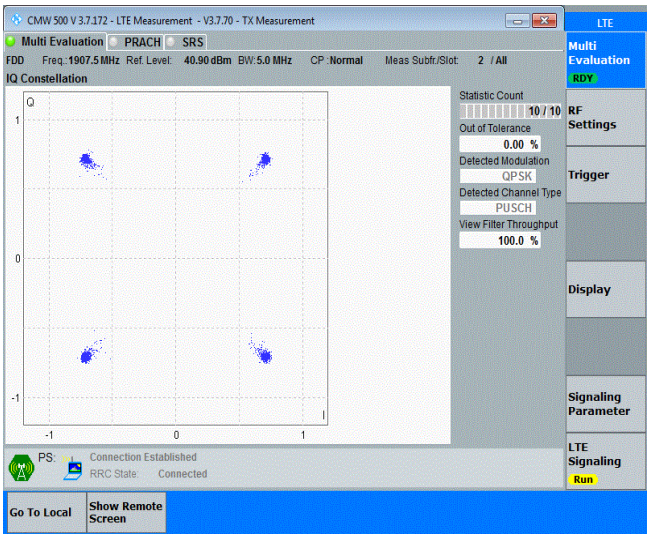

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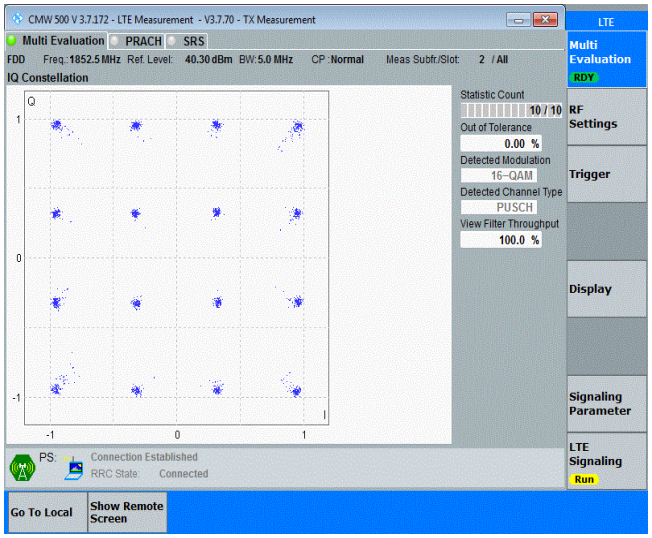

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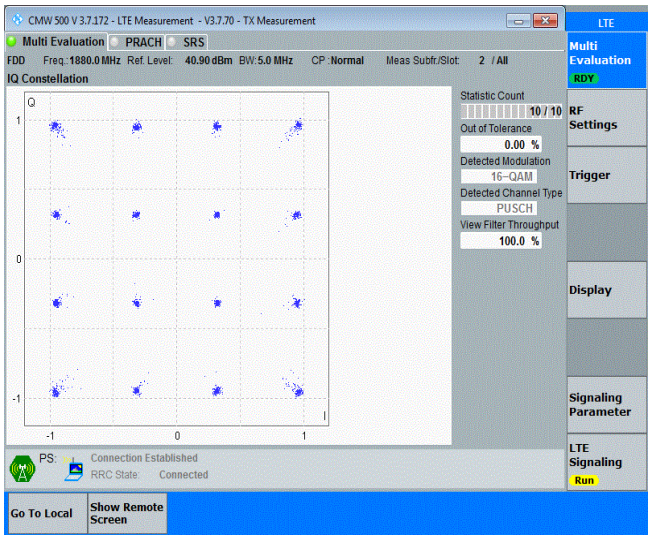

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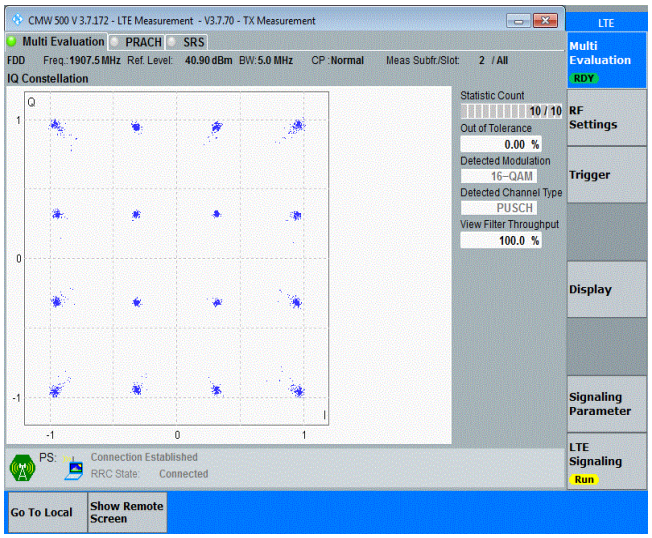
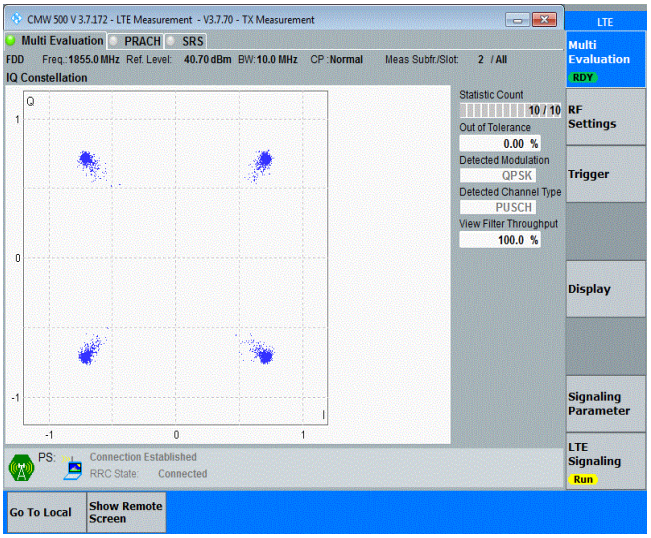
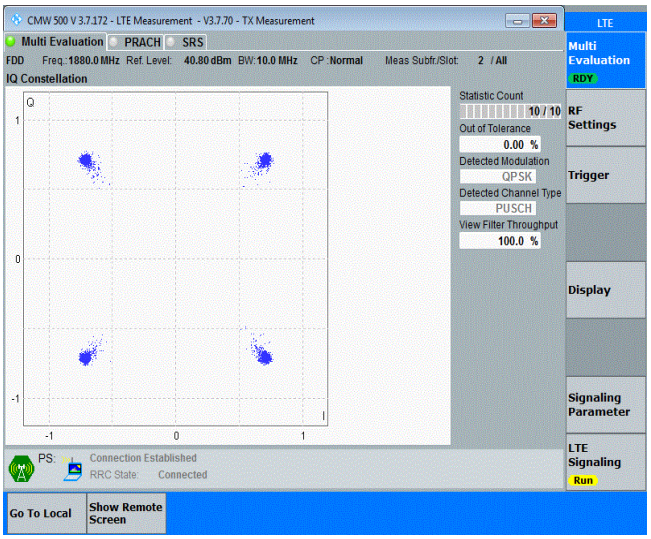


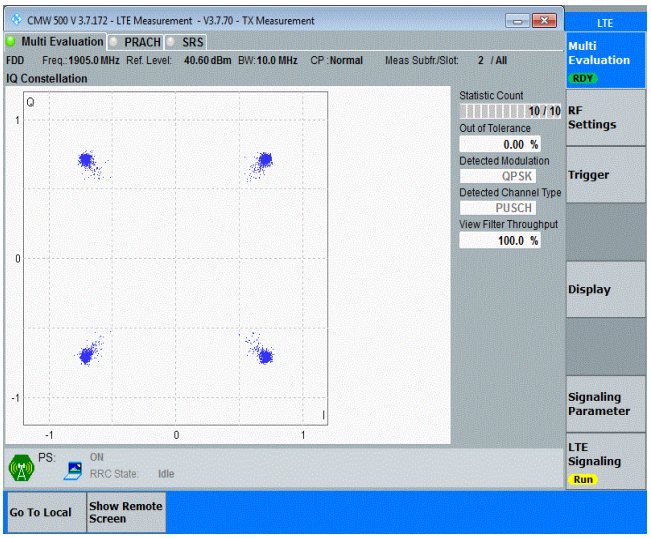
Band2-10MHz-QPSK-18650-50RB#0



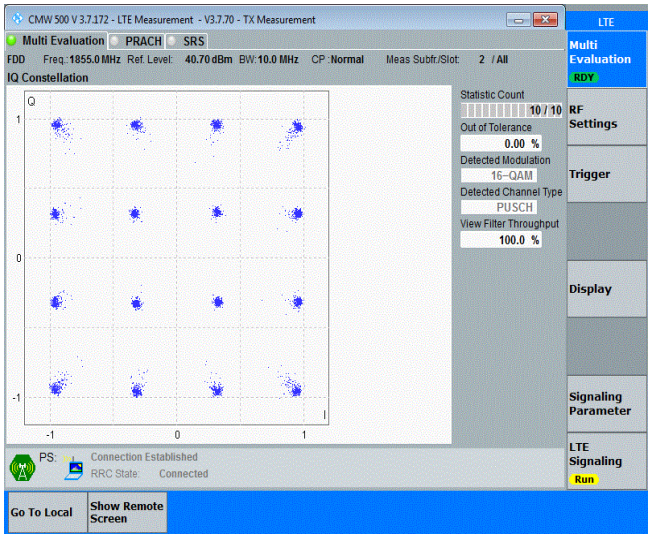
Band2-10MHz-QPSK-18900-50RB#0



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



Band2-10MHz-16QAM-18650-50RB#0



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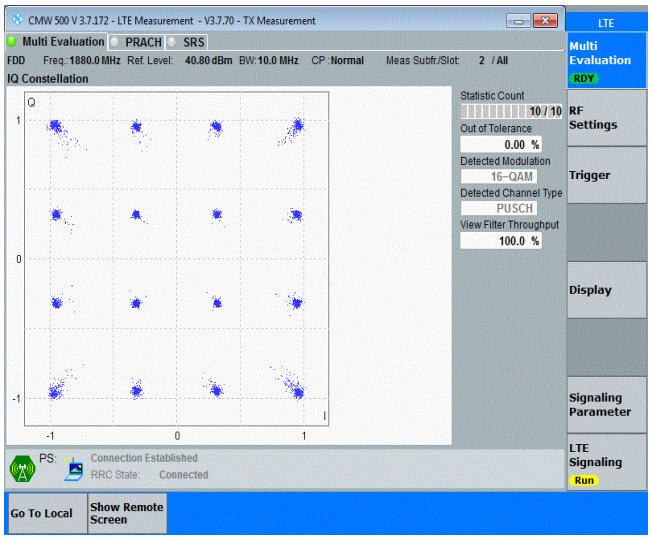

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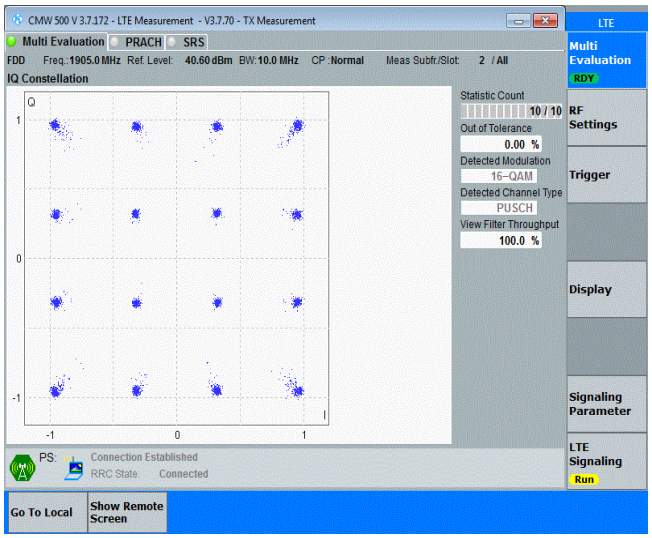
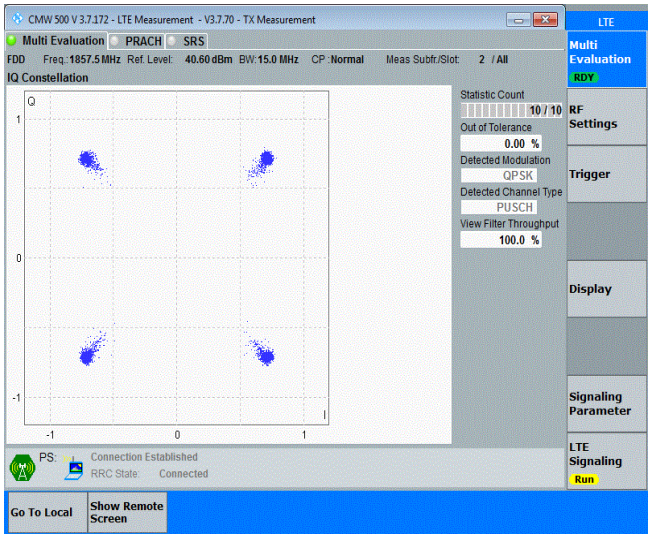


Band2-15MHz-QPSK-18675-75RB#0



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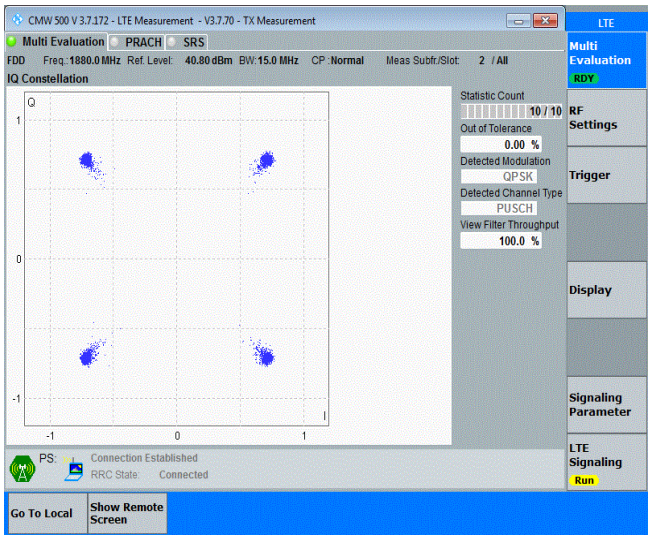

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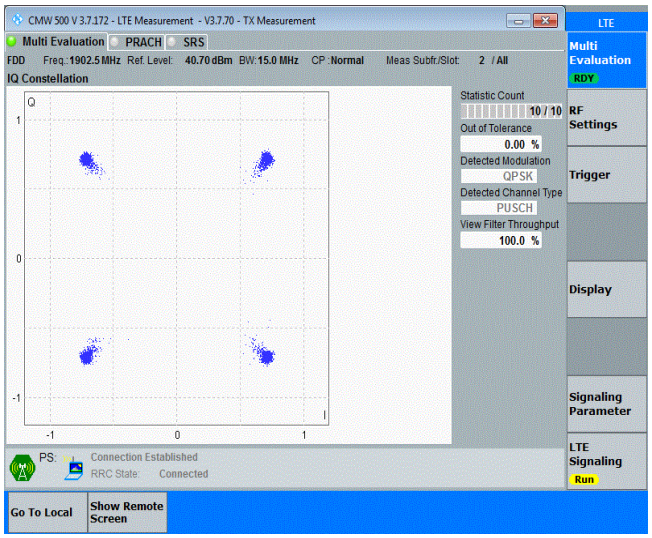

Band2-15MHz-16QAM-18675-75RB#0