

Band2-10MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



Band2-10MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



Band2-10MHz-QPSK-19150-1RB#0-Range1:30~1000MHz



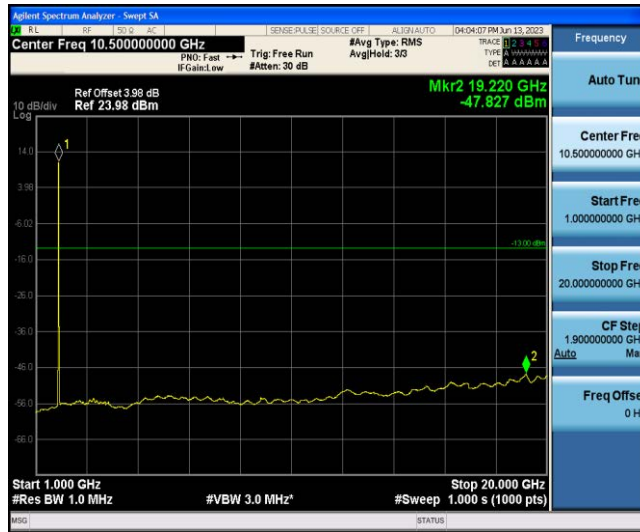
Band2-10MHz-QPSK-19150-1RB#0-Range2:1000~20000MHz



Band2-10MHz-16QAM-18650-1RB#0-Range1:30~1000MHz



Band2-10MHz-16QAM-18650-1RB#0-Range2:1000~20000MHz



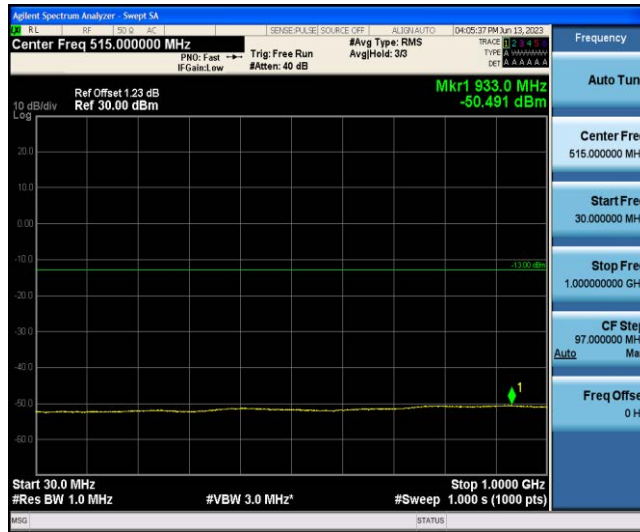
Band2-10MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



Band2-10MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



Band2-10MHz-16QAM-19150-1RB#0-Range1:30~1000MHz



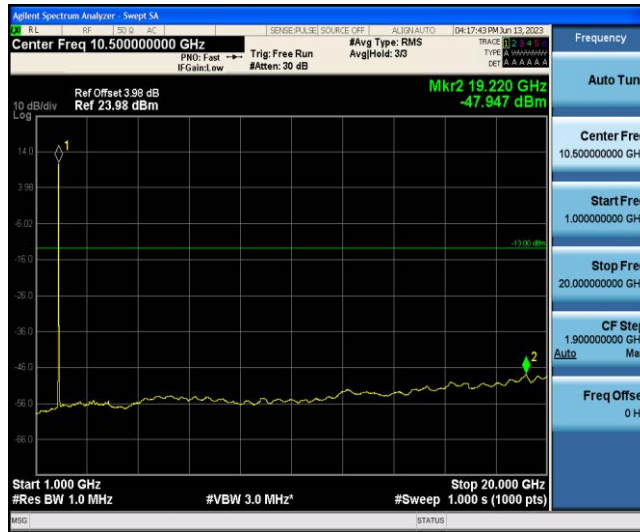
Band2-10MHz-16QAM-19150-1RB#0-Range2:1000~20000MHz



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



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



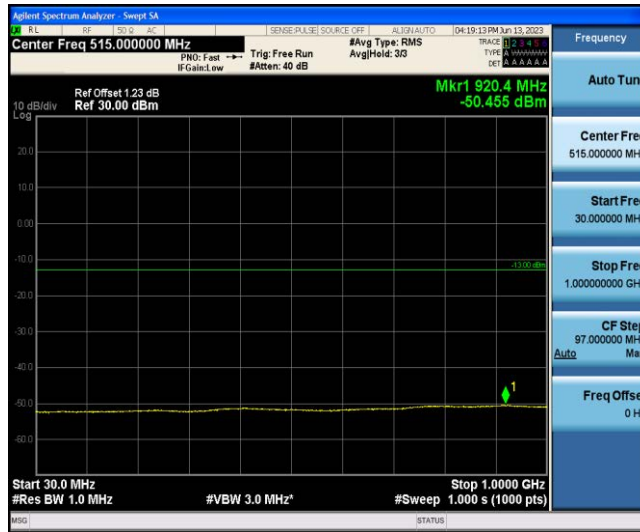
Band2-15MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



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



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



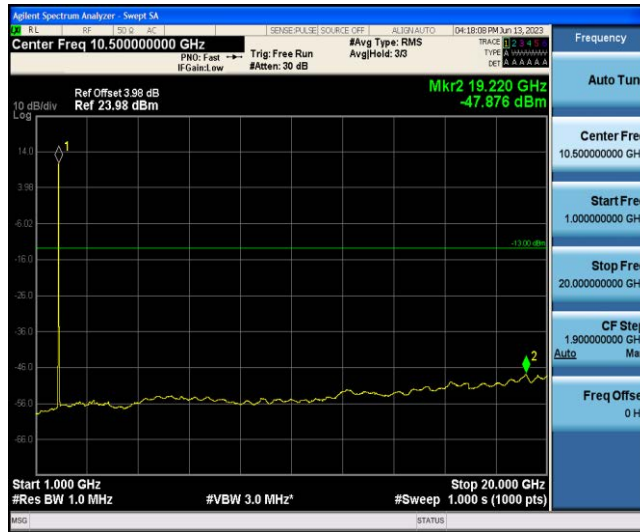
Band2-15MHz-QPSK-19125-1RB#0-Range2:1000~20000MHz



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



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



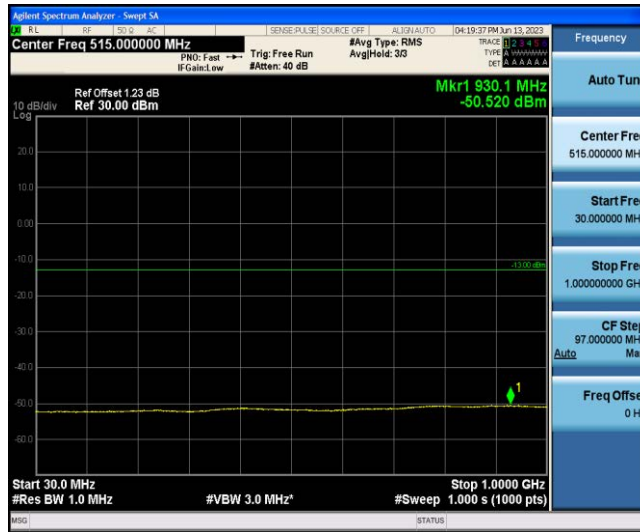
Band2-15MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



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

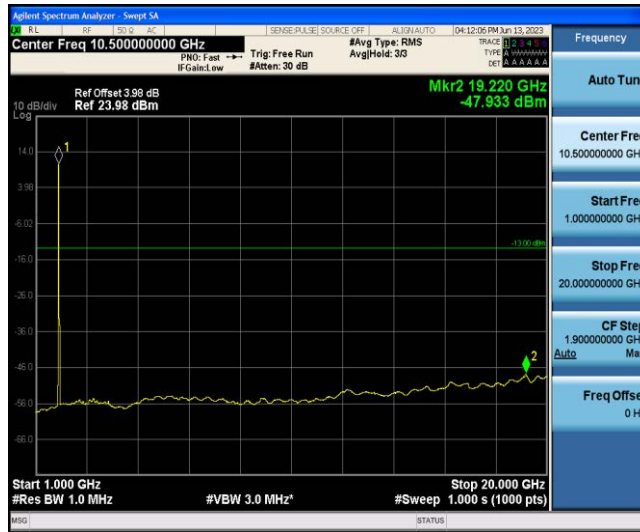


Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz



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



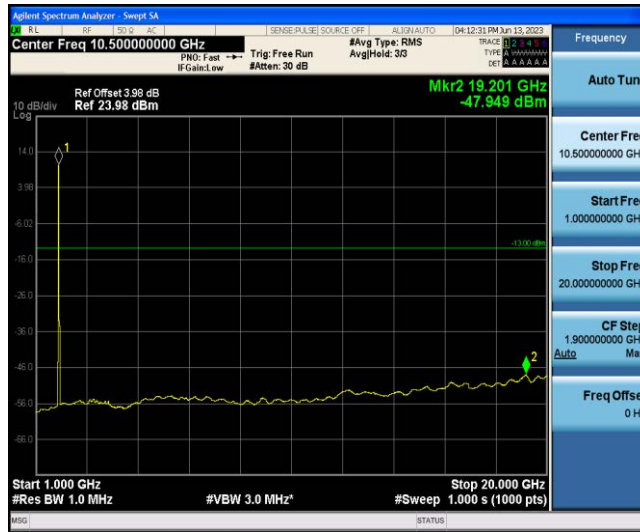
Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz



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



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



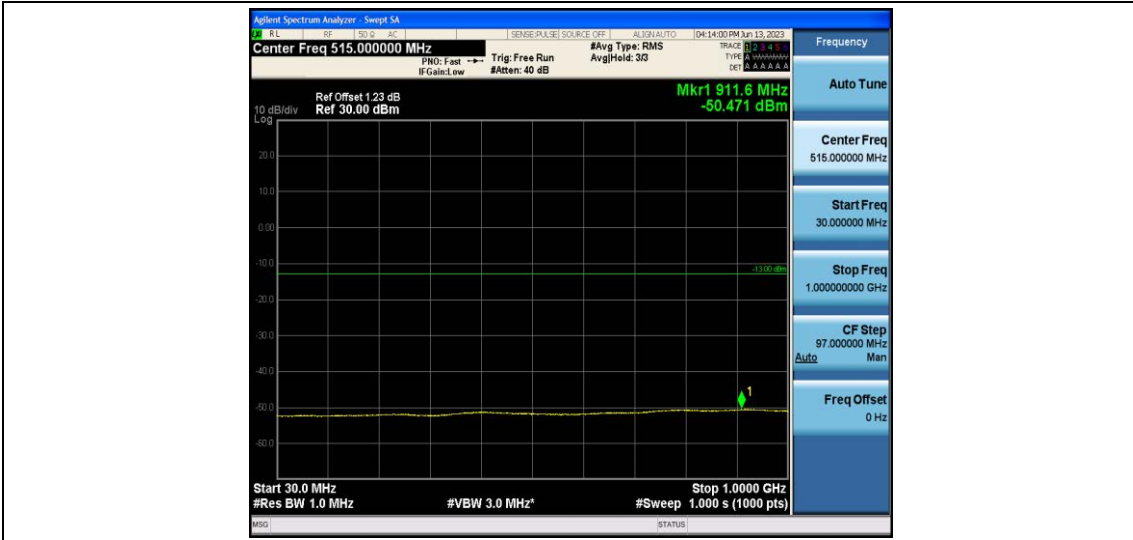
Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



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

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band2	1.4MHz	QPSK	18607	6RB#0	VL	NT	31.83	0.017199	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VN	NT	7.72	0.004171	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VH	NT	33.17	0.017923	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VL	NT	51.23	0.027250	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VN	NT	32.64	0.017362	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VH	NT	47.41	0.025218	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VL	NT	12.57	0.006584	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VN	NT	18.12	0.009490	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VH	NT	-21.90	-0.011470	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VL	NT	24.58	0.013281	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VN	NT	22.43	0.012120	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VH	NT	25.58	0.013822	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VL	NT	39.48	0.021000	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VN	NT	39.34	0.020926	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VH	NT	45.30	0.024096	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VL	NT	-25.66	-0.013439	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VN	NT	-29.53	-0.015466	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VH	NT	-24.32	-0.012738	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VL	NT	22.85	0.012341	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VN	NT	7.71	0.004164	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VH	NT	19.07	0.010300	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VL	NT	17.27	0.009186	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VN	NT	-11.70	-0.006223	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VH	NT	-31.09	-0.016537	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VL	NT	-34.88	-0.018276	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VN	NT	30.13	0.015787	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VH	NT	-11.13	-0.005832	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VL	NT	10.46	0.005649	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VN	NT	11.99	0.006476	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VH	NT	17.24	0.009311	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VL	NT	-34.06	-0.018117	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VN	NT	-10.87	-0.005782	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VH	NT	-44.95	-0.023910	±2.5	PASS



Band2	3MHz	16QAM	19185	15RB#0	VL	NT	13.73	0.007194	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VN	NT	-31.53	-0.016521	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VH	NT	-4.08	-0.002138	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VL	NT	-20.96	-0.011314	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VN	NT	31.46	0.016982	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VH	NT	-22.69	-0.012248	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VL	NT	32.56	0.017319	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VN	NT	16.74	0.008904	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VH	NT	29.33	0.015601	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VL	NT	41.03	0.021510	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VN	NT	38.80	0.020341	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VH	NT	22.42	0.011754	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VL	NT	-29.00	-0.015655	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VN	NT	-28.34	-0.015298	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VH	NT	-24.26	-0.013096	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VL	NT	14.45	0.007686	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VN	NT	14.96	0.007957	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VH	NT	14.63	0.007782	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VL	NT	-21.41	-0.011224	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VN	NT	-21.01	-0.011014	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VH	NT	-16.92	-0.008870	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VL	NT	44.23	0.023844	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VN	NT	36.51	0.019682	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VH	NT	33.09	0.017838	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VL	NT	31.97	0.017005	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VN	NT	26.88	0.014298	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VH	NT	21.72	0.011553	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VL	NT	26.24	0.013774	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VN	NT	33.90	0.017795	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VH	NT	8.08	0.004241	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VL	NT	-19.63	-0.010582	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VN	NT	-13.75	-0.007412	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VH	NT	-22.87	-0.012329	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VL	NT	-39.70	-0.021117	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VN	NT	-32.20	-0.017128	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VH	NT	-39.63	-0.021080	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VL	NT	11.00	0.005774	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VN	NT	14.71	0.007722	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VH	NT	12.06	0.006331	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VL	NT	21.43	0.011537	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VN	NT	51.71	0.027838	±2.5	PASS



Band2	15MHz	QPSK	18675	75RB#0	VH	NT	-11.30	-0.006083	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VL	NT	14.53	0.007729	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VN	NT	15.88	0.008447	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VH	NT	-16.72	-0.008894	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VL	NT	4.46	0.002344	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VN	NT	21.37	0.011233	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VH	NT	-27.27	-0.014334	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VL	NT	-44.23	-0.023812	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VN	NT	-27.95	-0.015047	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VH	NT	1.77	0.000953	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VL	NT	-48.62	-0.025862	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VN	NT	-36.85	-0.019601	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VH	NT	7.20	0.003830	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VL	NT	-54.86	-0.028836	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VN	NT	-45.65	-0.023995	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VH	NT	6.52	0.003427	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	9.68	0.005204	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	13.78	0.007409	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	31.64	0.017011	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-15.35	-0.008165	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	32.13	0.017090	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-29.71	-0.015803	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-7.41	-0.003900	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	34.98	0.018411	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-16.44	-0.008653	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	9.00	0.004839	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	-5.05	-0.002715	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	21.66	0.011645	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-17.84	-0.009489	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-16.97	-0.009027	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	-16.14	-0.008585	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-36.74	-0.019337	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-35.29	-0.018574	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-33.46	-0.017611	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-30	35.08	0.018955	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-20	31.23	0.016875	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	0	30.06	0.016243	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	10	26.89	0.014530	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	20	27.37	0.014789	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-30	47.15	0.025080	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-20	39.45	0.020984	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	0	40.90	0.021755	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	10	42.23	0.022463	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	20	40.73	0.021665	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-30	-39.87	-0.020882	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-20	-48.51	-0.025407	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	0	-20.60	-0.010789	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	10	-23.32	-0.012214	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	20	-28.02	-0.014676	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-30	29.34	0.015853	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-20	29.68	0.016037	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	0	27.81	0.015027	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	10	30.94	0.016718	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	20	29.60	0.015994	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-30	49.71	0.026441	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-20	4.02	0.002138	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	0	7.93	0.004218	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	10	10.80	0.005745	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	20	12.92	0.006872	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-30	-23.32	-0.012214	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-20	-19.84	-0.010391	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	0	-16.69	-0.008741	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	10	-14.58	-0.007636	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	20	-12.29	-0.006437	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	-30	18.17	0.009814	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	-20	19.43	0.010494	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	0	12.75	0.006886	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	10	12.52	0.006762	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	20	9.81	0.005298	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-30	-23.02	-0.012245	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-20	-32.70	-0.017394	±2.5	PASS



Band2	3MHz	QPSK	18900	15RB#0	NV	0	-45.55	-0.024229	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	10	-53.33	-0.028367	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	20	-35.53	-0.018899	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	-30	-22.57	-0.011826	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	-20	-35.53	-0.018617	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	0	-44.90	-0.023526	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	10	-33.67	-0.017642	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	20	-25.21	-0.013209	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	-30	20.38	0.011007	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	-20	25.53	0.013789	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	0	26.64	0.014388	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	10	23.56	0.012725	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	20	29.28	0.015814	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-30	5.61	0.002984	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-20	-50.80	-0.027021	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	0	3.92	0.002085	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	10	-15.95	-0.008484	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	20	7.55	0.004016	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	-30	-17.91	-0.009384	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	-20	-42.99	-0.022526	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	0	-18.68	-0.009788	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	10	-34.05	-0.017841	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	20	-52.03	-0.027262	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	-30	-19.30	-0.010418	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	-20	-20.56	-0.011099	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	0	-22.79	-0.012302	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	10	-26.32	-0.014208	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	20	-28.08	-0.015158	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-30	30.88	0.016426	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-20	28.60	0.015213	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	0	21.64	0.011511	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	10	24.09	0.012814	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	20	18.34	0.009755	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	-30	15.78	0.008273	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	-20	9.58	0.005022	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	0	3.48	0.001824	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	10	-7.62	-0.003995	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	20	-15.06	-0.007895	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	-30	-22.89	-0.012356	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	-20	-19.91	-0.010748	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	0	-18.67	-0.010078	±2.5	PASS

Band2	5MHz	16QAM	18625	25RB#0	NV	10	-22.43	-0.012108	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	20	-20.96	-0.011314	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-30	21.51	0.011441	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-20	19.87	0.010569	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	0	21.82	0.011606	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	10	25.63	0.013633	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	20	22.85	0.012154	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	-30	-16.79	-0.008802	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	-20	-18.67	-0.009788	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	0	-19.51	-0.010228	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	10	-19.34	-0.010139	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	20	-19.13	-0.010029	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-30	29.07	0.015671	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-20	21.86	0.011784	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	0	15.52	0.008367	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	10	8.11	0.004372	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	20	-6.15	-0.003315	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-30	16.24	0.008638	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-20	2.83	0.001505	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	0	-9.46	-0.005032	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	10	-17.54	-0.009330	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	20	-26.34	-0.014011	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-30	-7.90	-0.004147	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-20	-20.18	-0.010593	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	0	-26.54	-0.013932	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	10	-33.27	-0.017465	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	20	-39.41	-0.020688	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-30	-25.06	-0.013509	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-20	-29.08	-0.015677	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	0	-33.00	-0.017790	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	10	-36.01	-0.019412	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	20	-41.28	-0.022253	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-30	-42.17	-0.022431	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-20	-41.90	-0.022287	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	0	-45.63	-0.024271	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	10	-46.08	-0.024511	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	20	-46.39	-0.024676	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	-30	10.57	0.005549	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	-20	10.91	0.005727	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	0	11.40	0.005984	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	10	7.93	0.004163	±2.5	PASS



Band2	10MHz	16QAM	19150	50RB#0	NV	20	8.50	0.004462	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	-30	-28.78	-0.015494	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	-20	-35.32	-0.019015	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	0	-46.72	-0.025152	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	10	-7.50	-0.004038	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	20	-16.34	-0.008797	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-30	-40.21	-0.021388	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-20	5.97	0.003176	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	0	-18.61	-0.009899	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	10	-37.28	-0.019830	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	20	-16.75	-0.008910	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	-30	-45.22	-0.023769	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	-20	-6.15	-0.003233	±2.5	PASS
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Band2	15MHz	QPSK	19125	75RB#0	NV	10	-40.33	-0.021198	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	20	-32.53	-0.017099	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	-30	-15.12	-0.008140	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	-20	-21.47	-0.011559	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	0	-28.90	-0.015559	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	10	-37.29	-0.020075	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	20	-46.86	-0.025227	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-30	-6.74	-0.003585	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-20	-15.78	-0.008394	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	0	-27.74	-0.014755	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	10	-38.55	-0.020505	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	20	-13.12	-0.006979	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	-30	-6.81	-0.003580	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	-20	-16.02	-0.008420	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	0	-23.99	-0.012610	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	10	-30.13	-0.015837	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	20	-38.34	-0.020152	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	45.76	0.024602	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	9.68	0.005204	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	22.16	0.011914	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	35.22	0.018935	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	41.21	0.022156	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-38.42	-0.020436	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-47.82	-0.025436	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-5.66	-0.003011	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-10.69	-0.005686	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-17.07	-0.009080	±2.5	PASS



Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-20.33	-0.010700	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-28.61	-0.015058	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-30.61	-0.016111	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-34.25	-0.018026	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-35.56	-0.018716	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	31.83	0.017113	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	41.01	0.022048	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	-5.32	-0.002860	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	7.82	0.004204	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	12.17	0.006543	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-13.23	-0.007037	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-9.30	-0.004947	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-5.21	-0.002771	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	4.84	0.002574	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	7.87	0.004186	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-28.81	-0.015163	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-25.45	-0.013395	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-18.65	-0.009816	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-18.08	-0.009516	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-16.71	-0.008795	±2.5	PASS

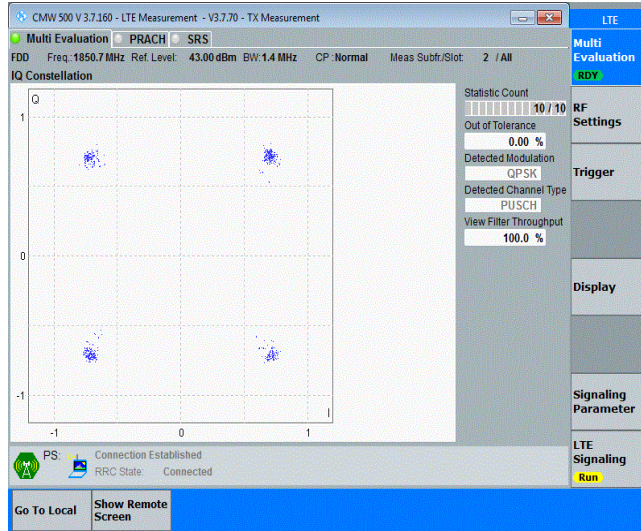
## Appendix G: Modulation Characteristics

### Test Result

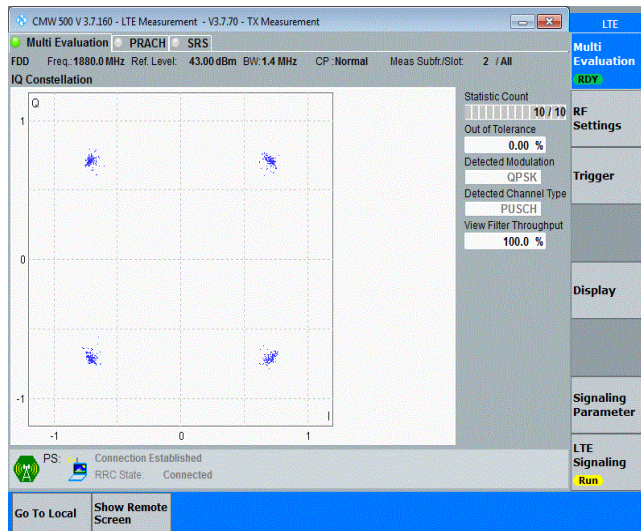
Band	Channel	Result	Verdict
Band2	18607	PASS	PASS
Band2	18900	PASS	PASS
Band2	19193	PASS	PASS
Band2	18607	PASS	PASS
Band2	18900	PASS	PASS
Band2	19193	PASS	PASS
Band2	18615	PASS	PASS
Band2	18900	PASS	PASS
Band2	19185	PASS	PASS
Band2	18615	PASS	PASS
Band2	18900	PASS	PASS
Band2	19185	PASS	PASS
Band2	18625	PASS	PASS
Band2	18900	PASS	PASS
Band2	19175	PASS	PASS
Band2	18625	PASS	PASS
Band2	18900	PASS	PASS
Band2	19175	PASS	PASS
Band2	18650	PASS	PASS
Band2	18900	PASS	PASS
Band2	19150	PASS	PASS
Band2	18650	PASS	PASS
Band2	18900	PASS	PASS
Band2	19150	PASS	PASS
Band2	18675	PASS	PASS
Band2	18900	PASS	PASS
Band2	19125	PASS	PASS
Band2	18675	PASS	PASS
Band2	18900	PASS	PASS
Band2	19125	PASS	PASS
Band2	18700	PASS	PASS
Band2	18900	PASS	PASS
Band2	19100	PASS	PASS
Band2	18700	PASS	PASS
Band2	18900	PASS	PASS
Band2	19100	PASS	PASS

### Test Graphs

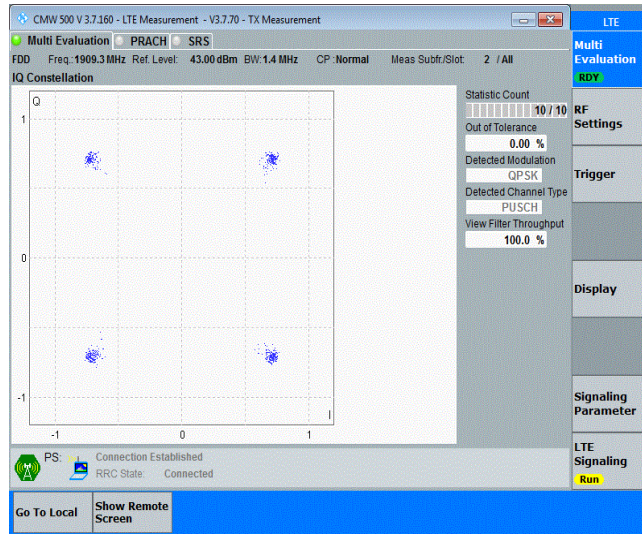
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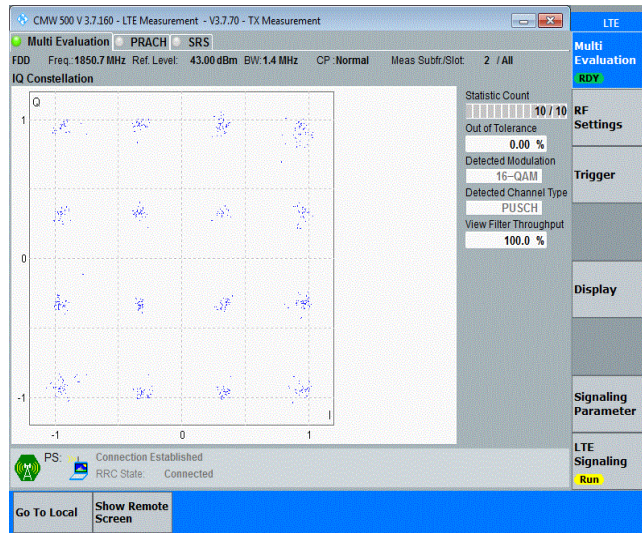
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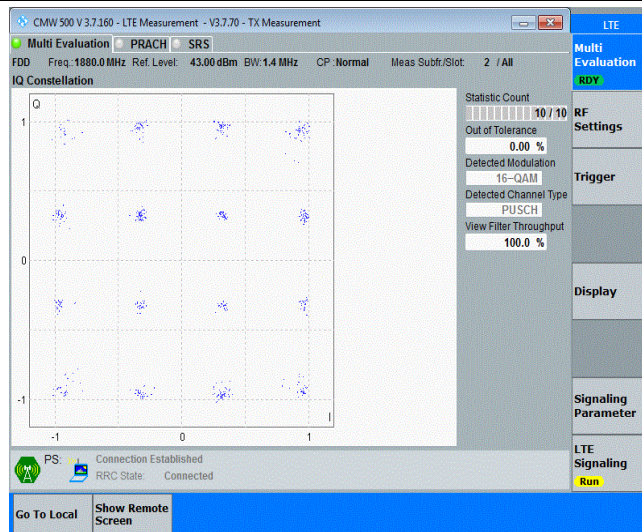
Band2-1.4MHz-QPSK-19193-6RB#0



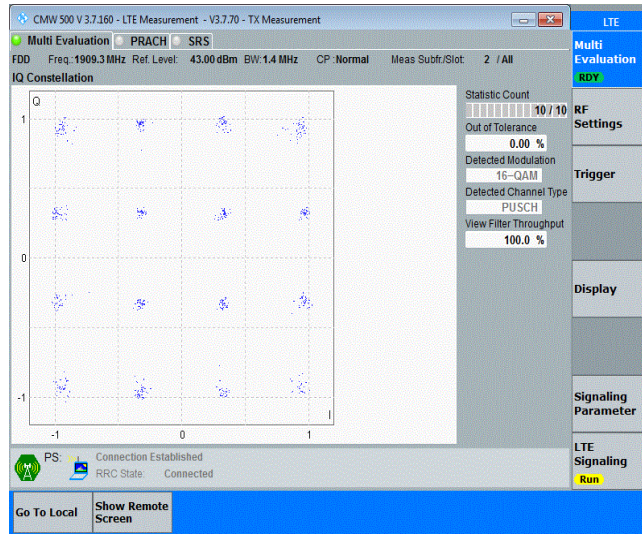
Band2-1.4MHz-16QAM-18607-6RB#0



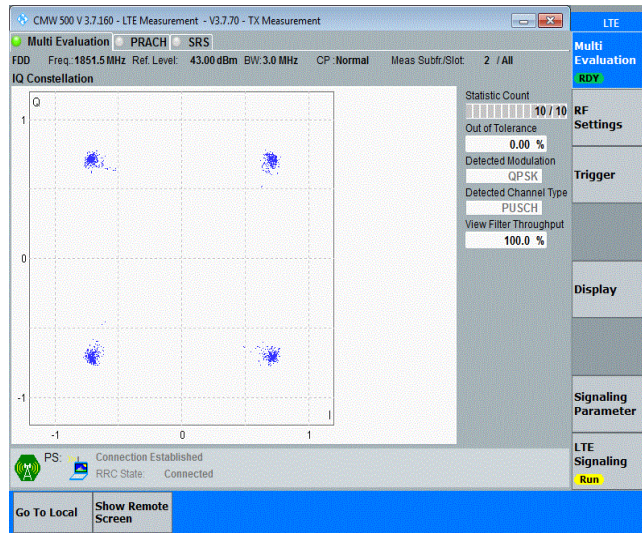
Band2-1.4MHz-16QAM-18900-6RB#0



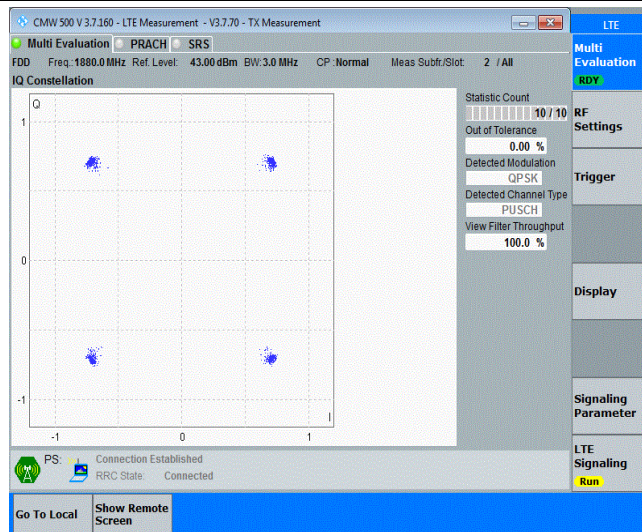
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Band2-3MHz-QPSK-18615-15RB#0

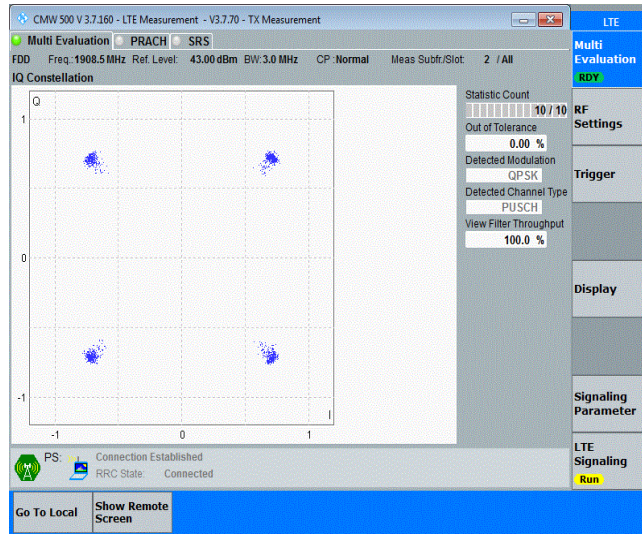


Band2-3MHz-QPSK-18900-15RB#0

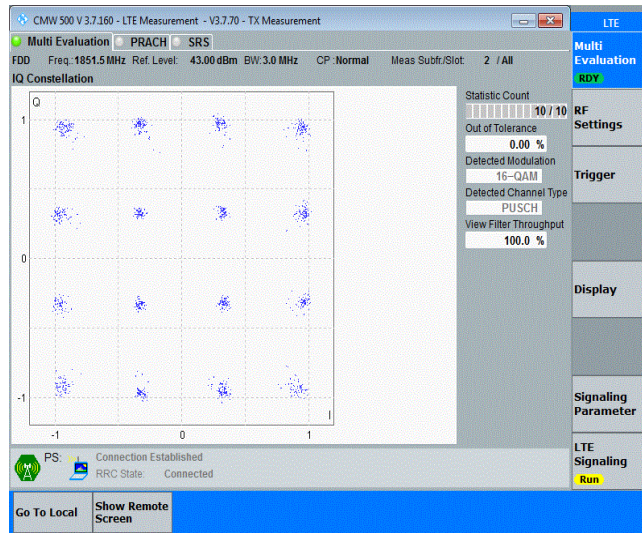


Band2-3MHz-QPSK-19185-15RB#0

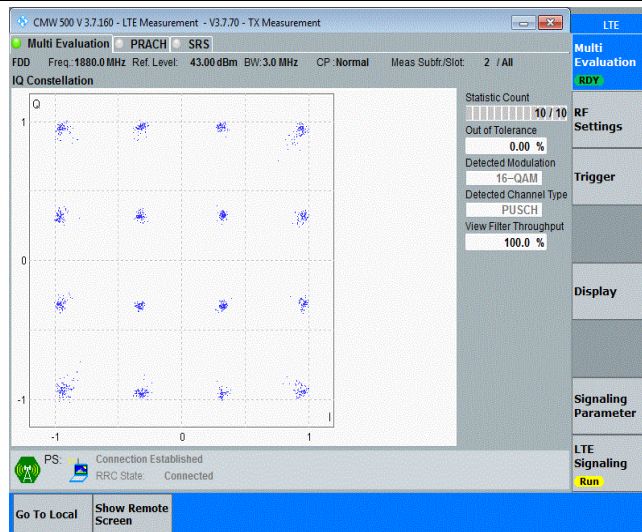




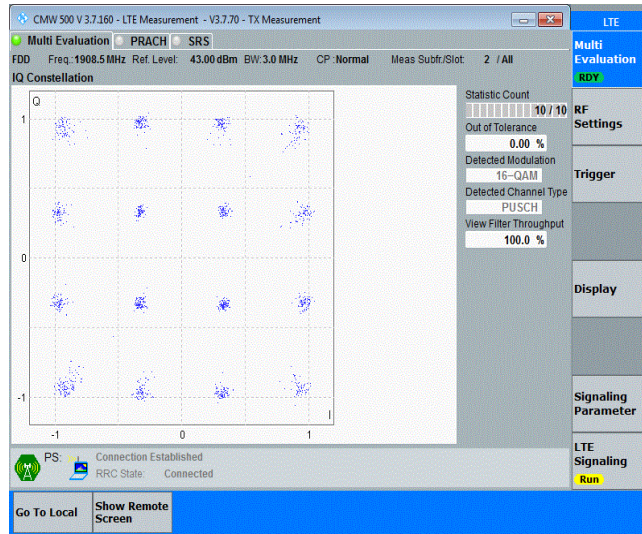
Band2-3MHz-16QAM-18615-15RB#0



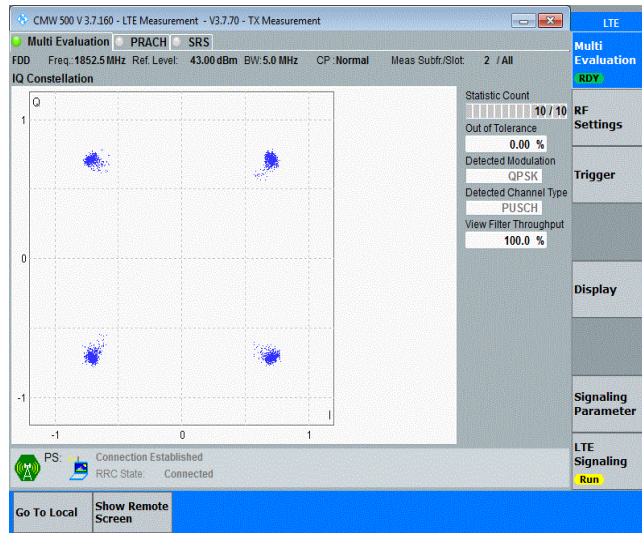
Band2-3MHz-16QAM-18900-15RB#0



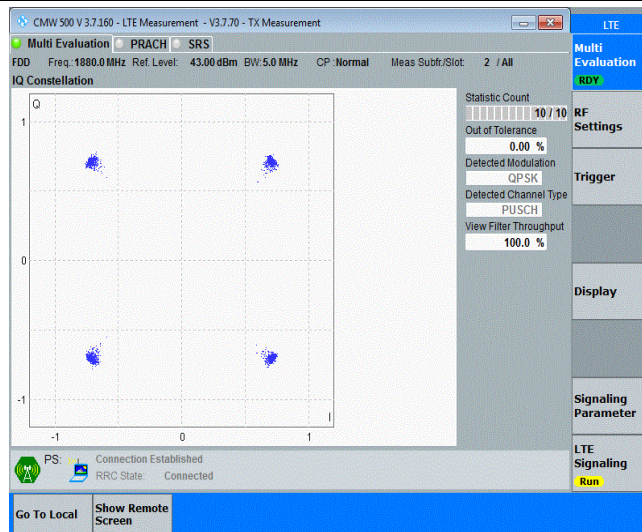
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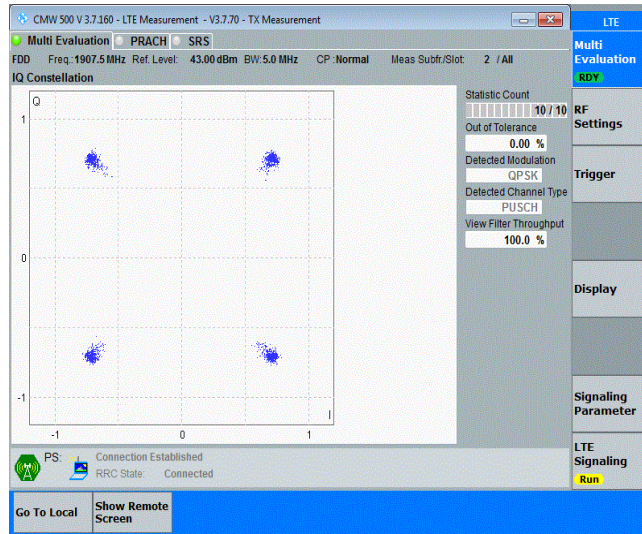
Band2-5MHz-QPSK-18625-25RB#0



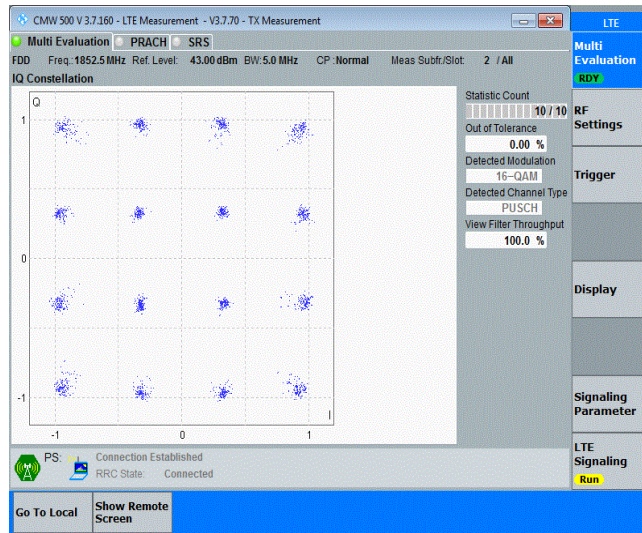
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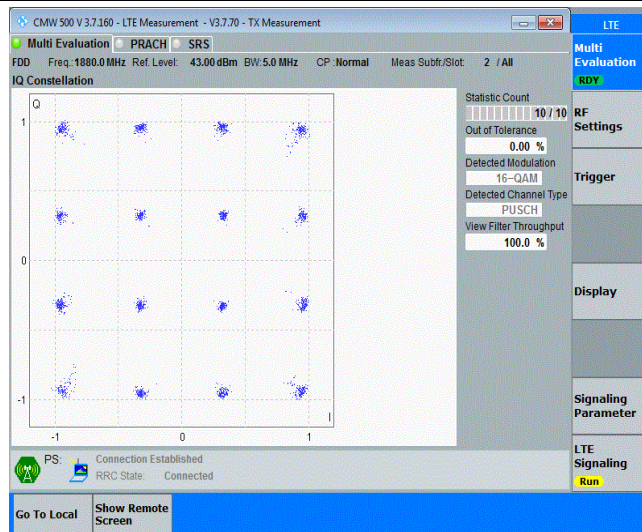
Band2-5MHz-QPSK-19175-25RB#0



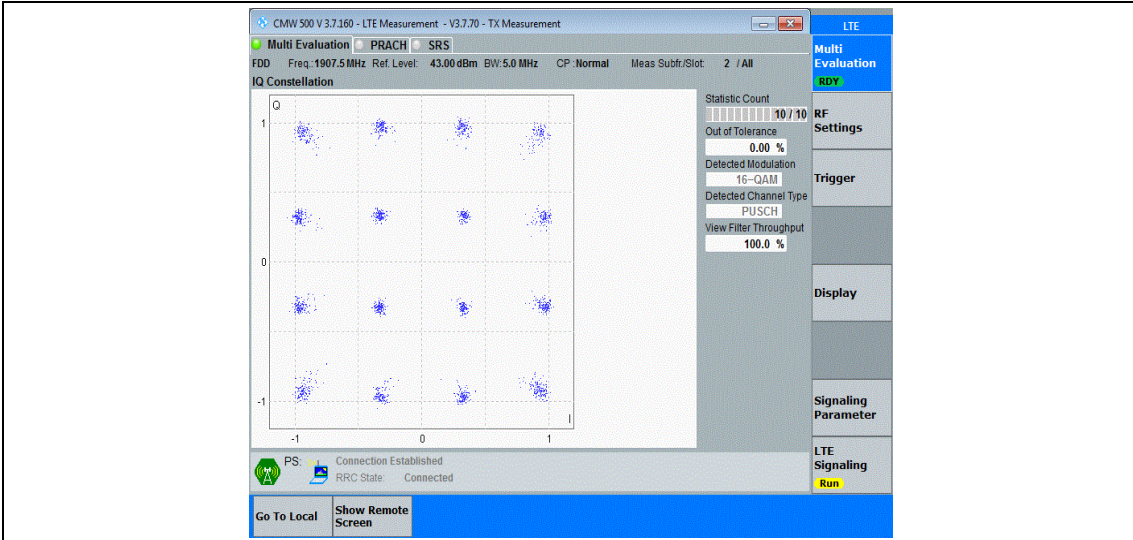
Band2-5MHz-16QAM-18625-25RB#0



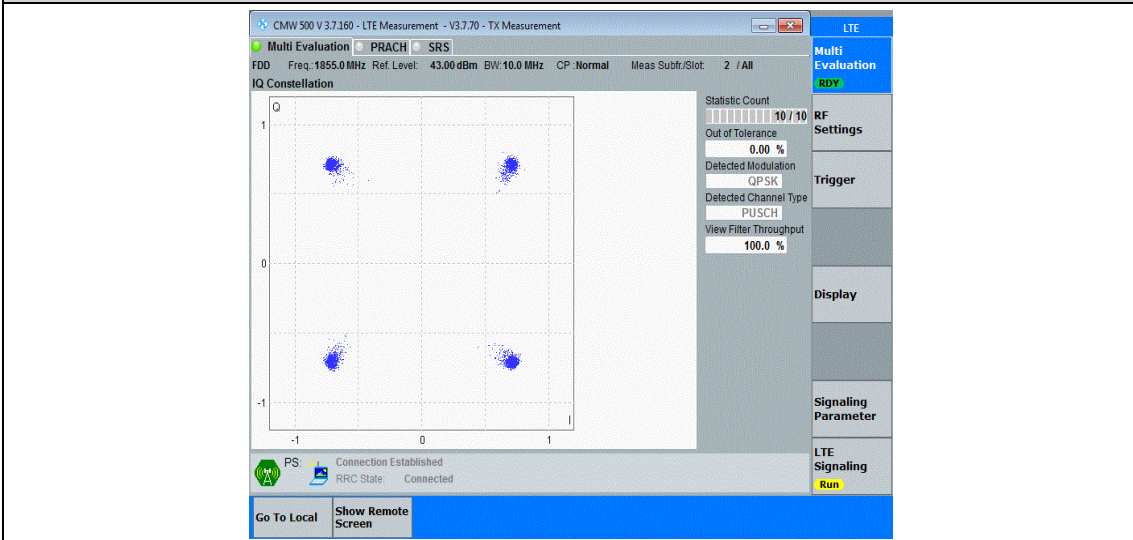
Band2-5MHz-16QAM-18900-25RB#0



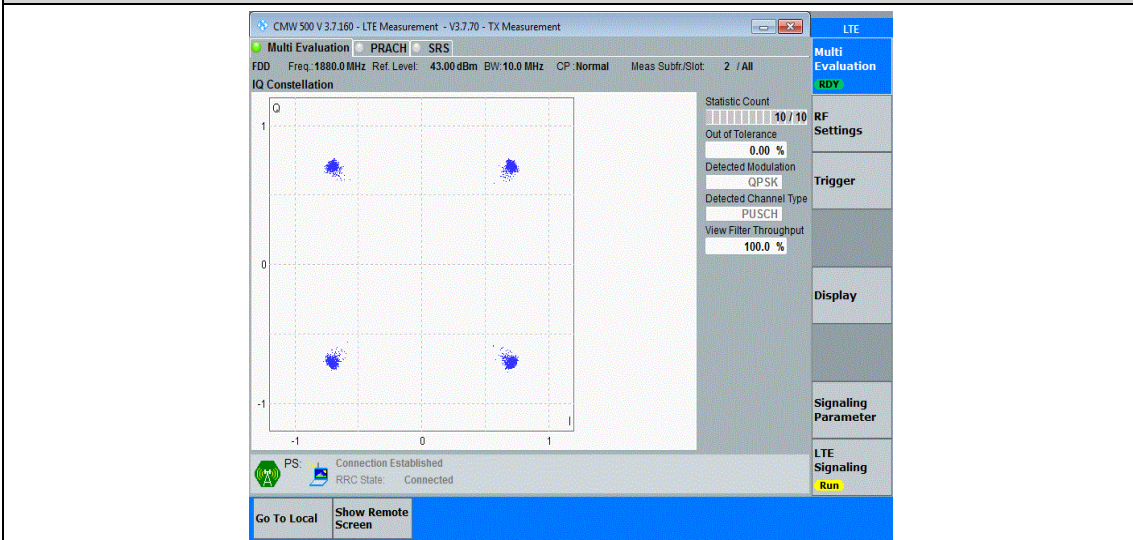
Band2-5MHz-16QAM-19175-25RB#0



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



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



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