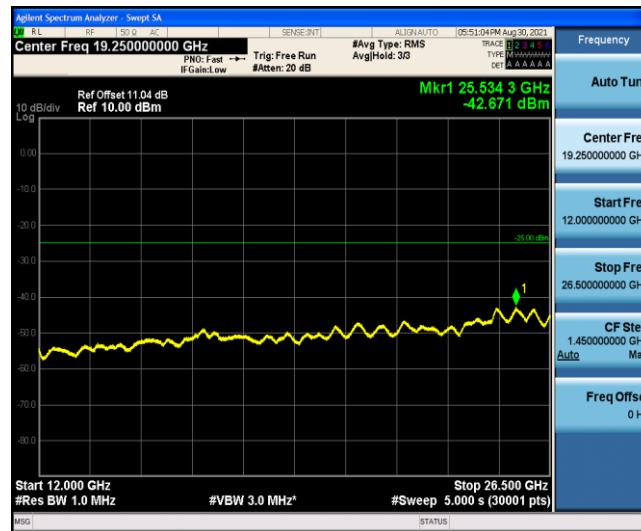
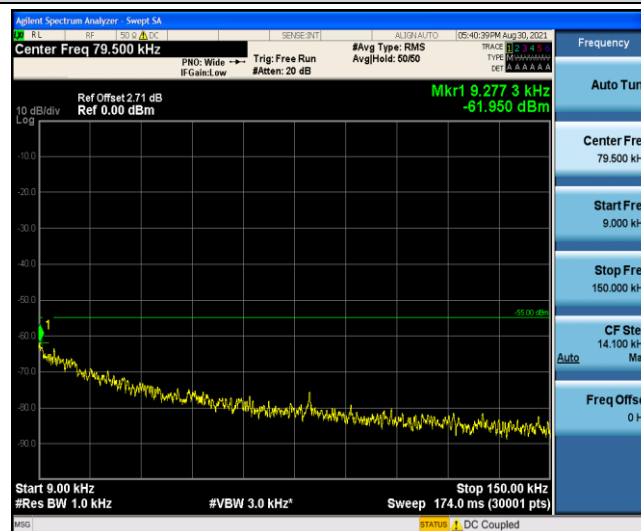
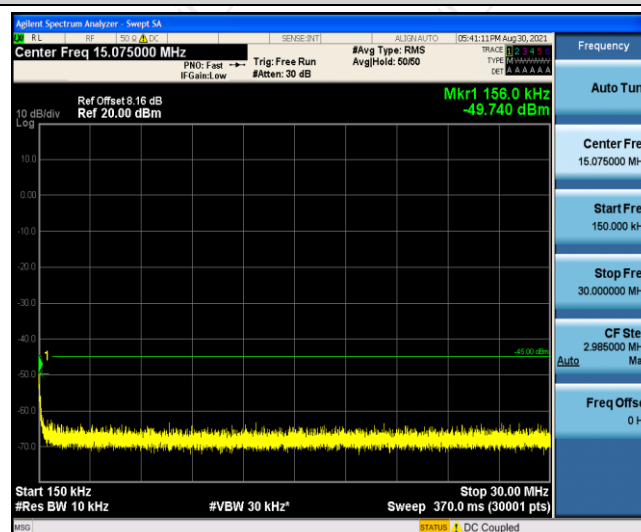




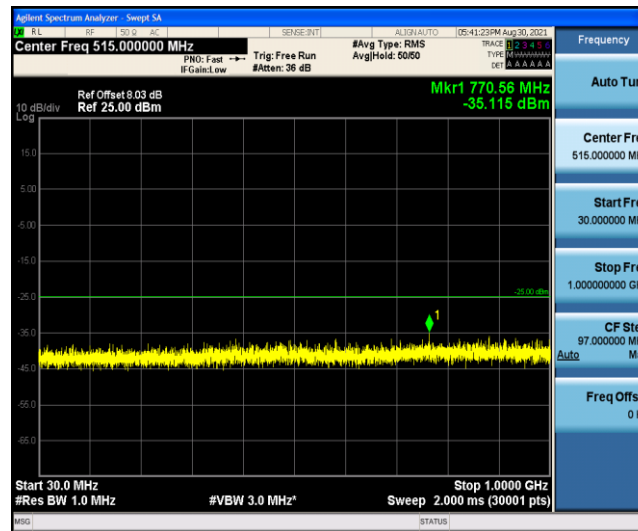
Band7-20MHz-16QAM-20850-1RB#0-Range1:0.009~0.15MHz



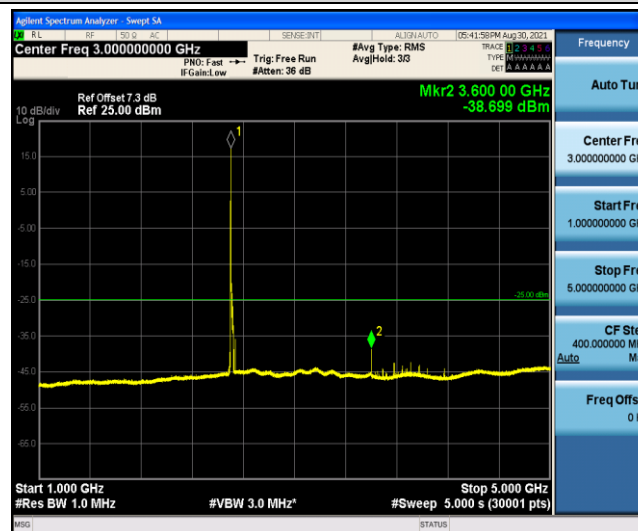
Band7-20MHz-16QAM-20850-1RB#0-Range2:0.15~30MHz



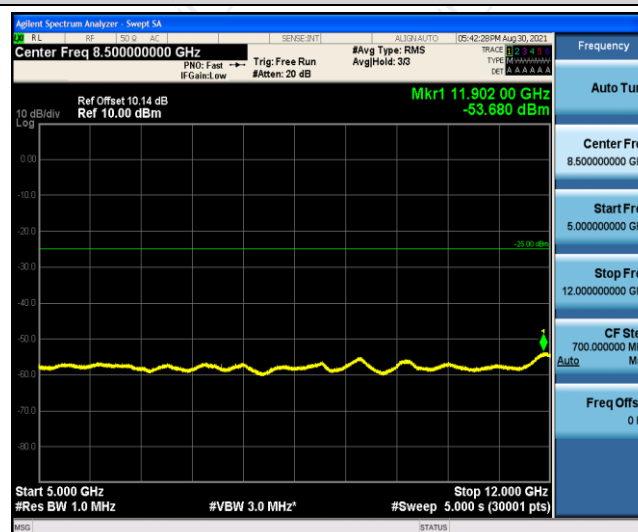
Band7-20MHz-16QAM-20850-1RB#0-Range3:30~1000MHz



Band7-20MHz-16QAM-20850-1RB#0-Range4:1000~5000MHz



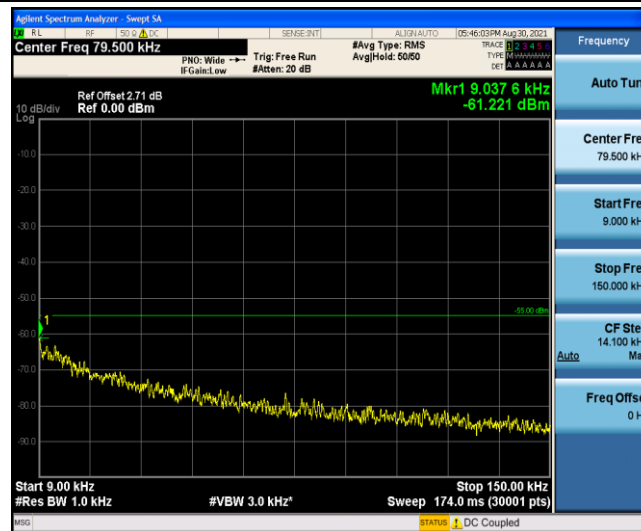
Band7-20MHz-16QAM-20850-1RB#0-Range5:5000~12000MHz



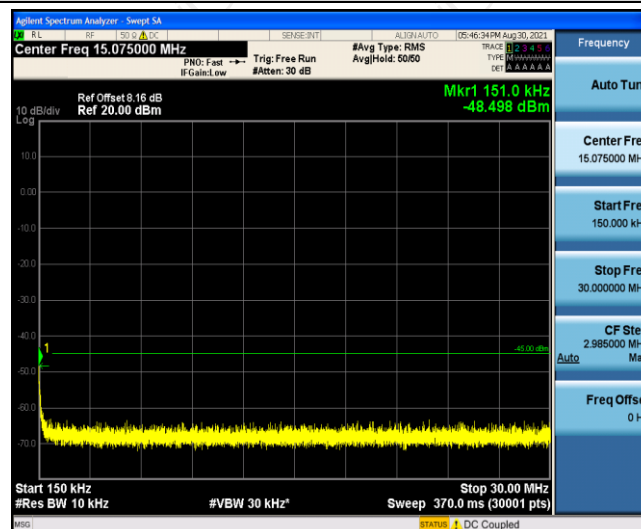
Band7-20MHz-16QAM-20850-1RB#0-Range6:12000~26500MHz



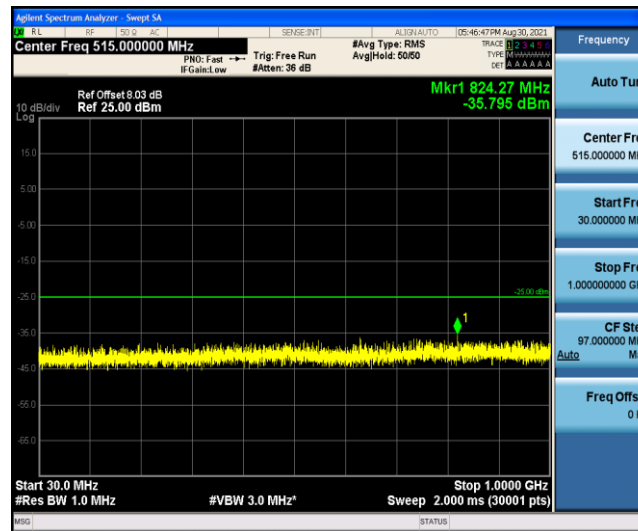
Band7-20MHz-16QAM-21100-1RB#0-Range1:0.009~0.15MHz



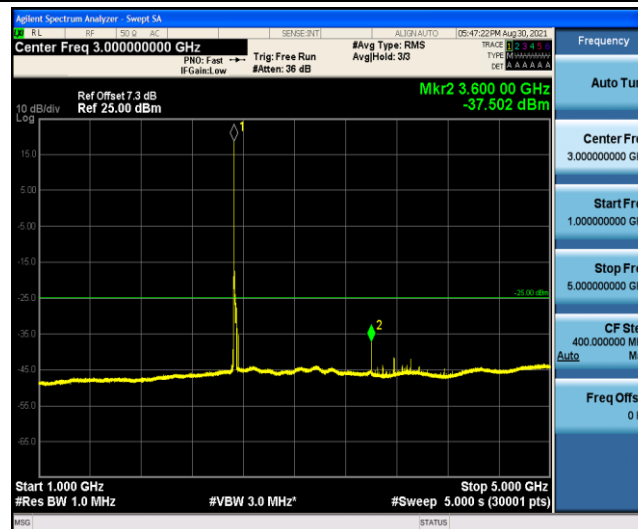
Band7-20MHz-16QAM-21100-1RB#0-Range2:0.15~30MHz



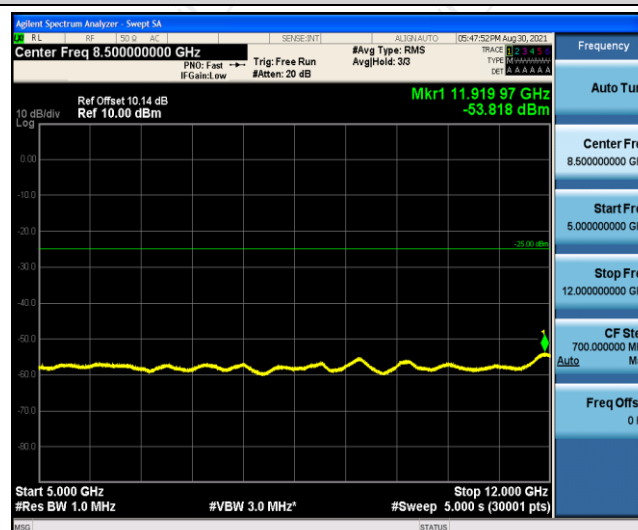
Band7-20MHz-16QAM-21100-1RB#0-Range3:30~1000MHz



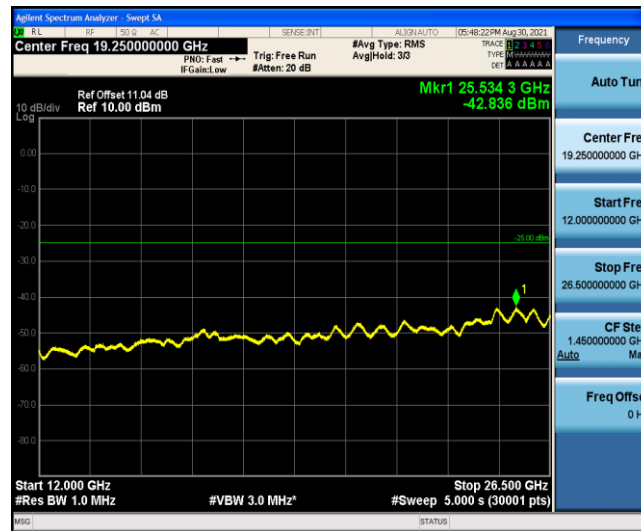
Band7-20MHz-16QAM-21100-1RB#0-Range4:1000~5000MHz



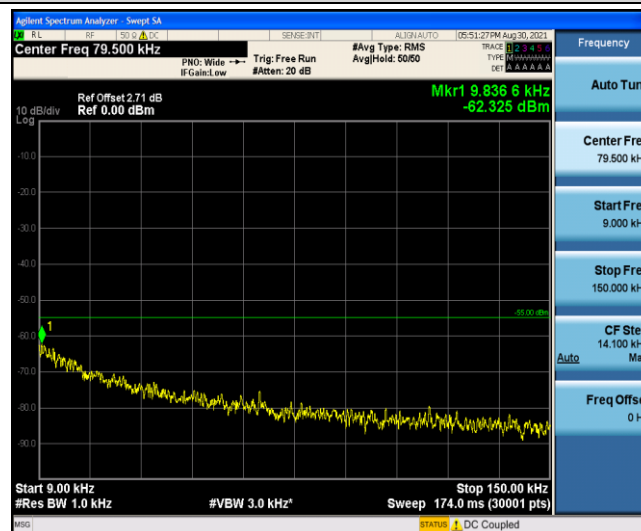
Band7-20MHz-16QAM-21100-1RB#0-Range5:5000~12000MHz



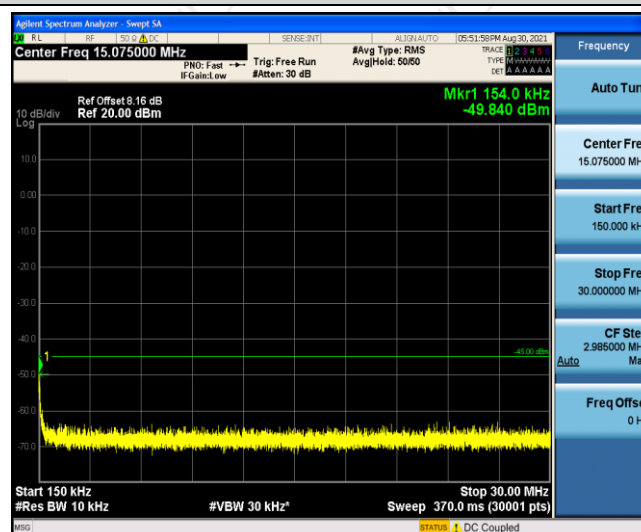
Band7-20MHz-16QAM-21100-1RB#0-Range6:12000~26500MHz



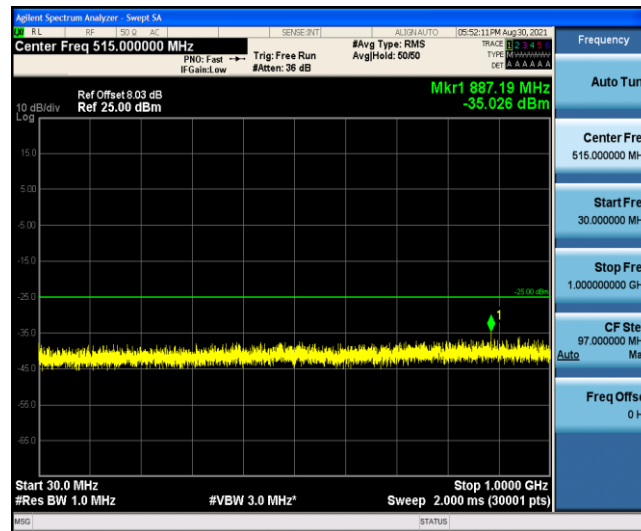
Band7-20MHz-16QAM-21350-1RB#0-Range1:0.009~0.15MHz



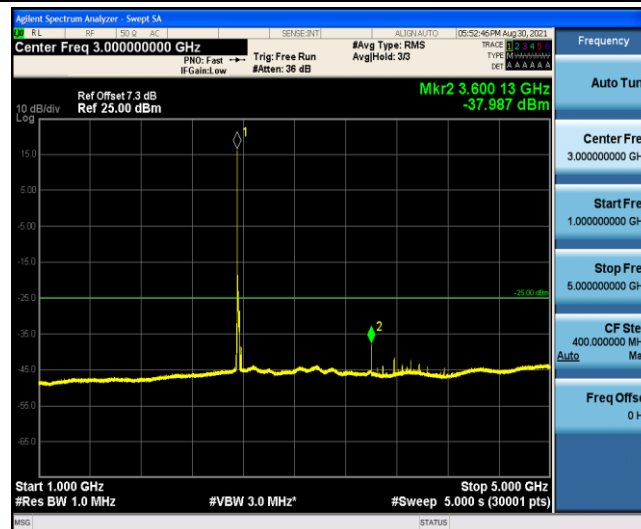
Band7-20MHz-16QAM-21350-1RB#0-Range2:0.15~30MHz



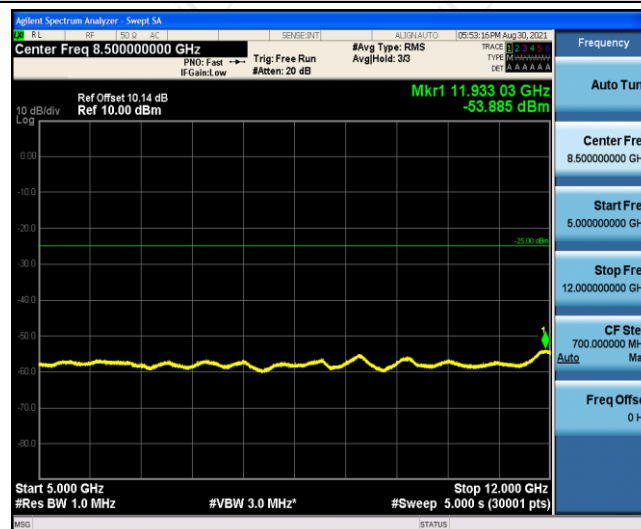
Band7-20MHz-16QAM-21350-1RB#0-Range3:30~1000MHz



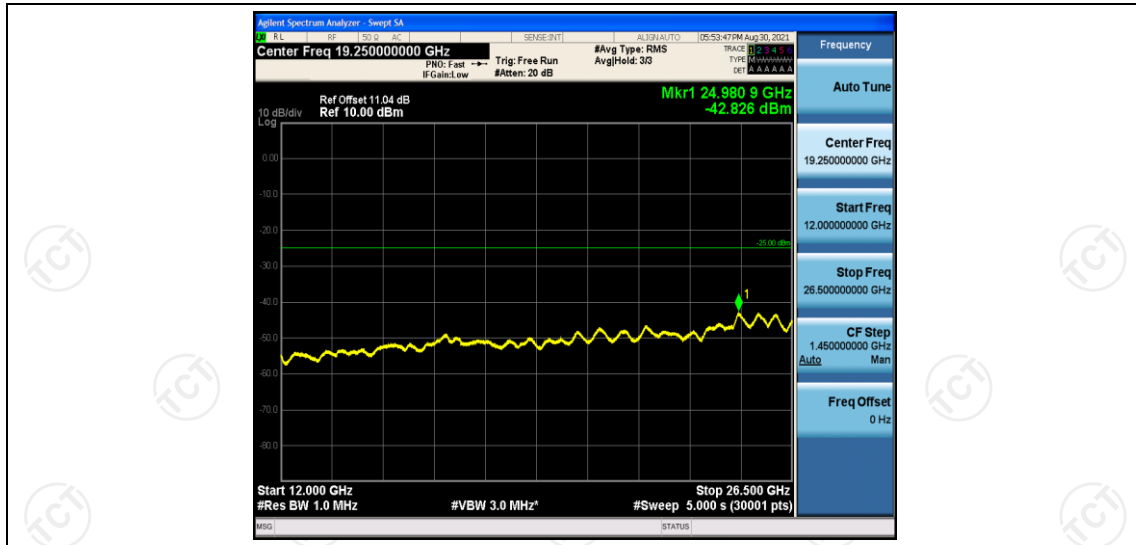
Band7-20MHz-16QAM-21350-1RB#0-Range4:1000~5000MHz



Band7-20MHz-16QAM-21350-1RB#0-Range5:5000~12000MHz



Band7-20MHz-16QAM-21350-1RB#0-Range6:12000~26500MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	7.65	0.003057	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	-46.62	-0.018629	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	14.43	0.005766	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	-42.09	-0.016604	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	-27.29	-0.010765	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	9.30	0.003669	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	19.20	0.007478	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	26.42	0.010290	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	17.04	0.006637	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	27.42	0.010957	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	17.67	0.007061	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	24.95	0.009970	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	-28.95	-0.011420	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	-17.34	-0.006840	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	-31.64	-0.012481	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	27.45	0.010691	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VN	NT	21.03	0.008191	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	23.10	0.008997	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	31.21	0.012472	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	-10.67	-0.004264	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	17.80	0.007113	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	30.30	0.012108	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	50.95	0.020360	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	6.31	0.002489	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	-7.57	-0.002986	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	-8.68	-0.003424	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	-15.22	-0.006004	±2.5	PASS

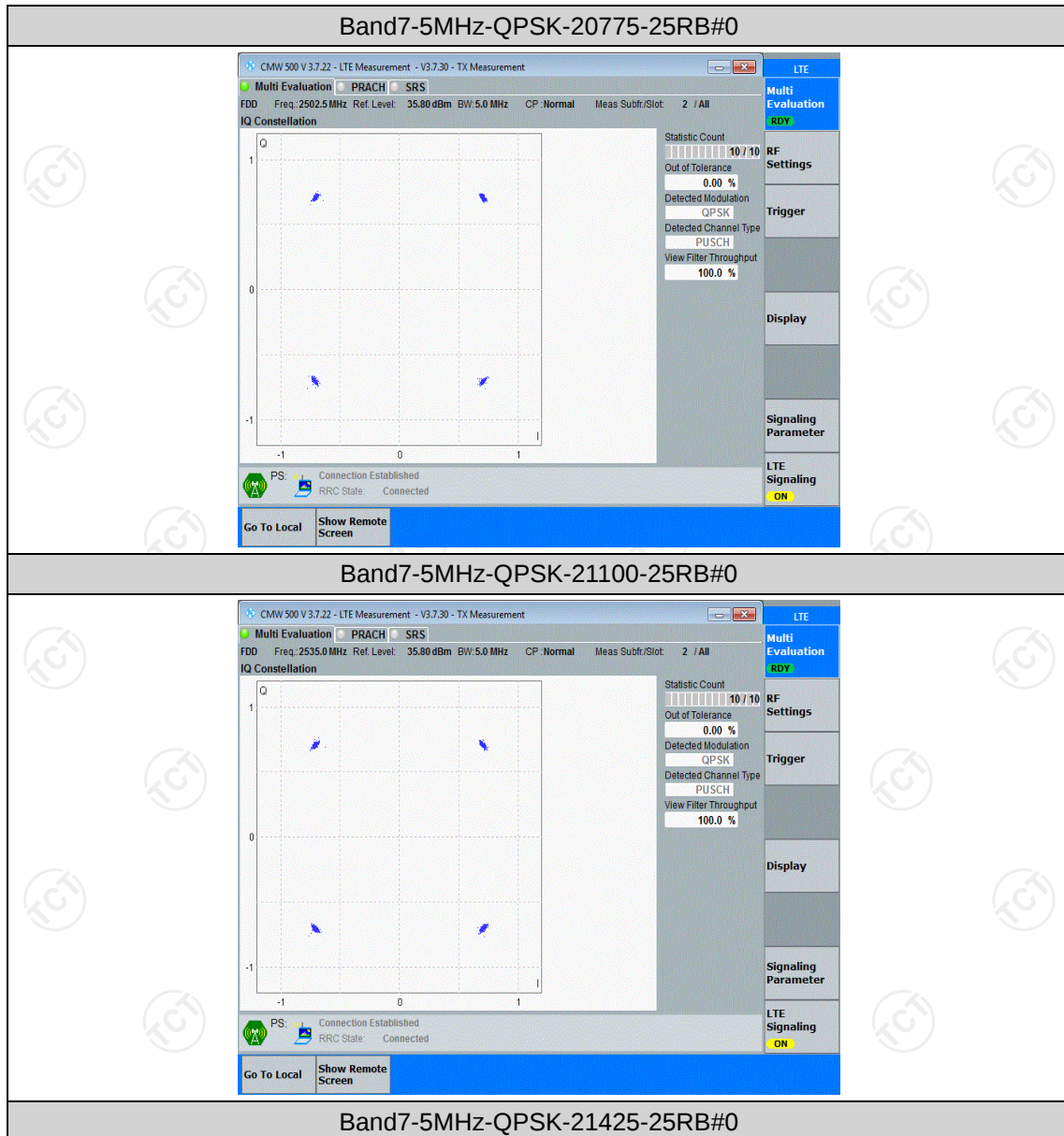
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-19.34	-0.007629	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	15.13	0.005893	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	25.09	0.009772	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	17.47	0.006804	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	14.85	0.005784	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	22.24	0.008662	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	10.23	0.004088	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	-5.02	-0.002006	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	-30.88	-0.012340	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	-50.45	-0.020160	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	-4.43	-0.001770	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	-37.97	-0.014978	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	-40.45	-0.015957	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	-47.89	-0.018892	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	-54.73	-0.021590	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	6.47	0.002552	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	26.26	0.010228	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	22.09	0.008604	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	22.87	0.008907	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	22.42	0.008732	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	20.40	0.007945	±2.5	PASS

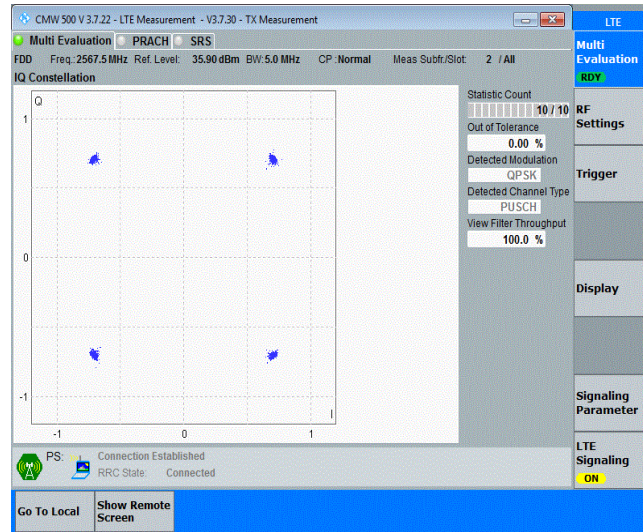
Appendix G: Modulation Characteristics

Test Result

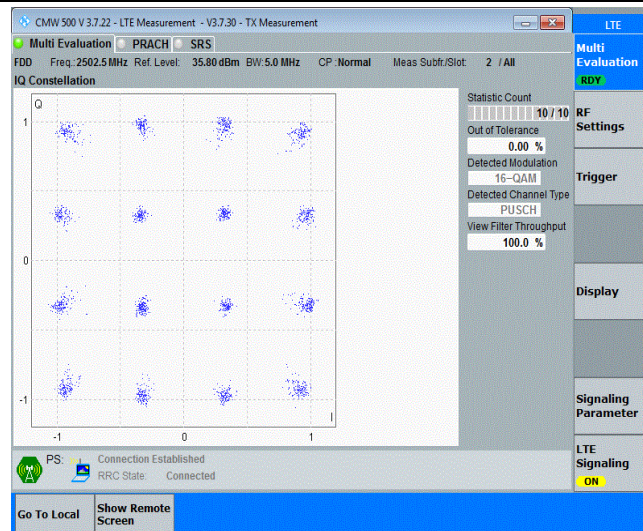
Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band7	5MHz	QPSK	20775	25RB#0	PASS	PASS
Band7	5MHz	QPSK	21100	25RB#0	PASS	PASS
Band7	5MHz	QPSK	21425	25RB#0	PASS	PASS
Band7	5MHz	16QAM	20775	25RB#0	PASS	PASS
Band7	5MHz	16QAM	21100	25RB#0	PASS	PASS
Band7	5MHz	16QAM	21425	25RB#0	PASS	PASS
Band7	10MHz	QPSK	20800	50RB#0	PASS	PASS
Band7	10MHz	QPSK	21100	50RB#0	PASS	PASS
Band7	10MHz	QPSK	21400	50RB#0	PASS	PASS
Band7	10MHz	16QAM	20800	50RB#0	PASS	PASS
Band7	10MHz	16QAM	21100	50RB#0	PASS	PASS
Band7	10MHz	16QAM	21400	50RB#0	PASS	PASS
Band7	15MHz	QPSK	20825	75RB#0	PASS	PASS
Band7	15MHz	QPSK	21100	75RB#0	PASS	PASS
Band7	15MHz	QPSK	21375	75RB#0	PASS	PASS
Band7	15MHz	16QAM	20825	75RB#0	PASS	PASS
Band7	15MHz	16QAM	21100	75RB#0	PASS	PASS
Band7	15MHz	16QAM	21375	75RB#0	PASS	PASS
Band7	20MHz	QPSK	20850	100RB#0	PASS	PASS
Band7	20MHz	QPSK	21100	100RB#0	PASS	PASS
Band7	20MHz	QPSK	21350	100RB#0	PASS	PASS
Band7	20MHz	16QAM	20850	100RB#0	PASS	PASS
Band7	20MHz	16QAM	21100	100RB#0	PASS	PASS
Band7	20MHz	16QAM	21350	100RB#0	PASS	PASS

Test Graphs

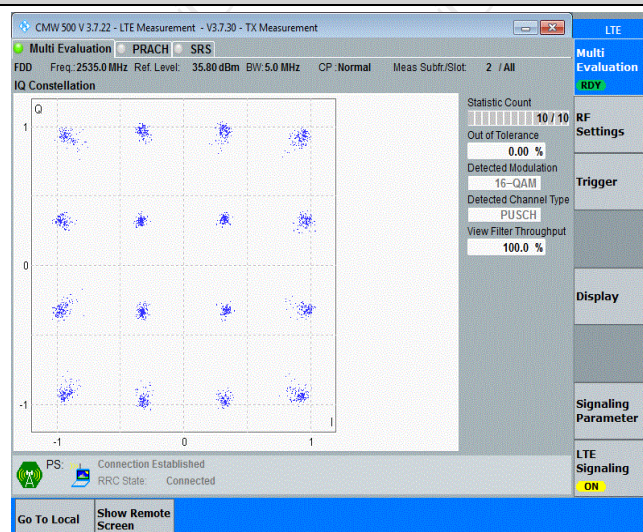




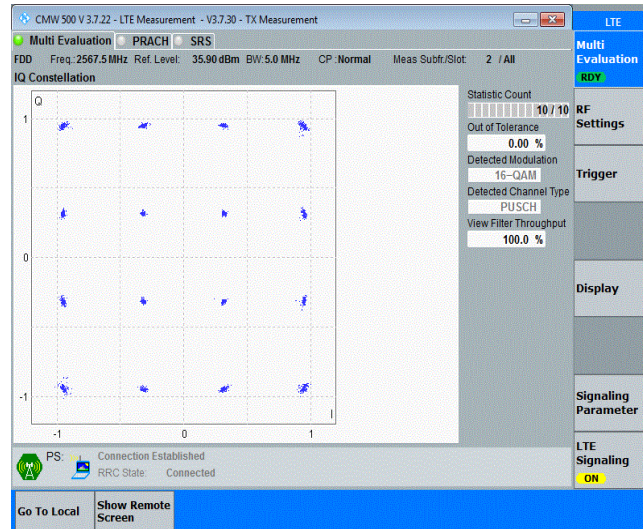
Band7-5MHz-16QAM-20775-25RB#0



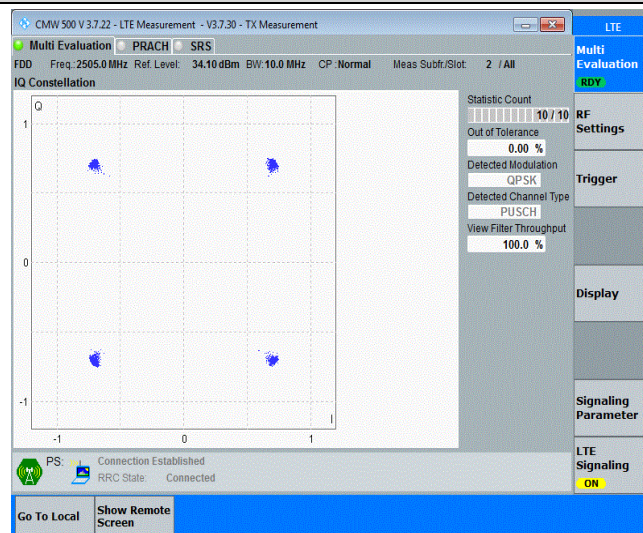
Band7-5MHz-16QAM-21100-25RB#0



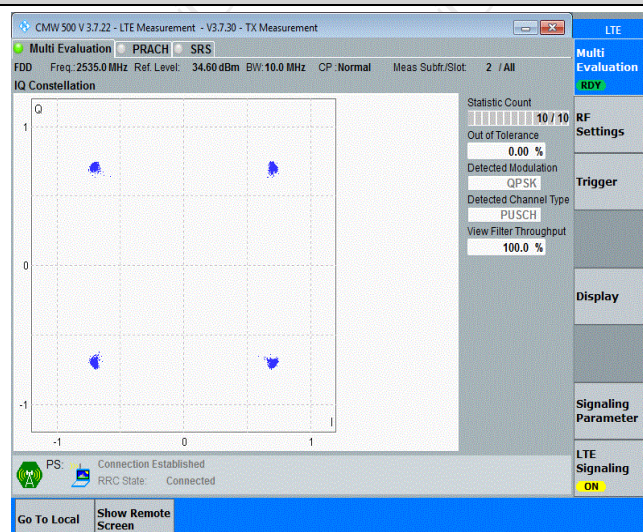
Band7-5MHz-16QAM-21425-25RB#0



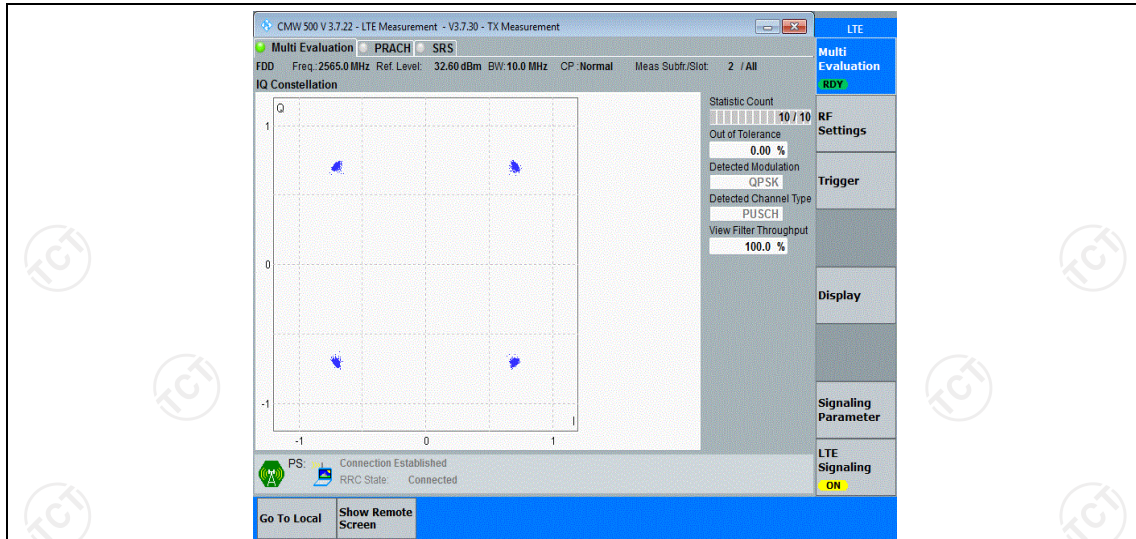
Band7-10MHz-QPSK-20800-50RB#0



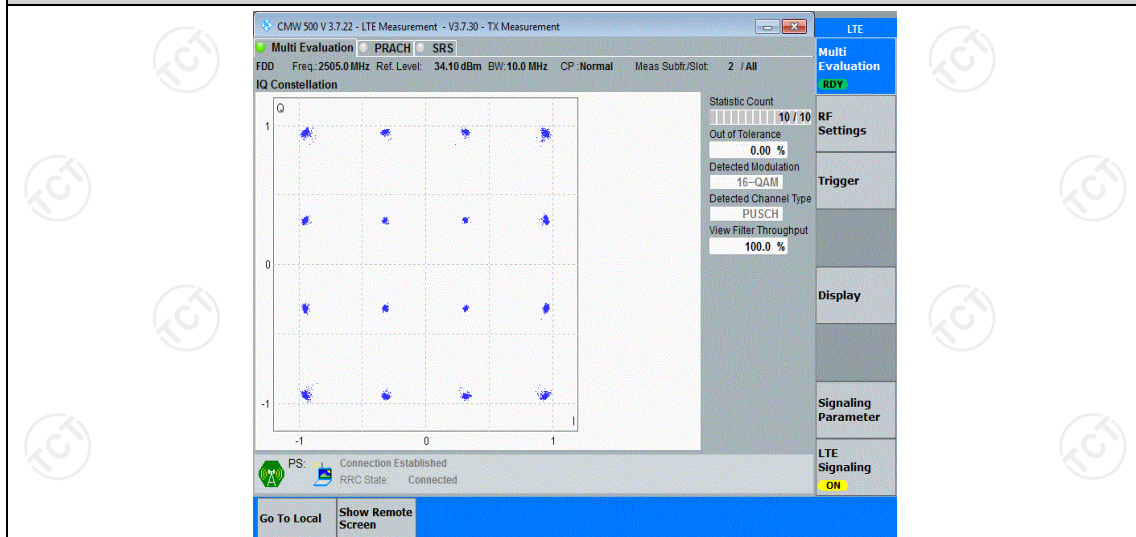
Band7-10MHz-QPSK-21100-50RB#0



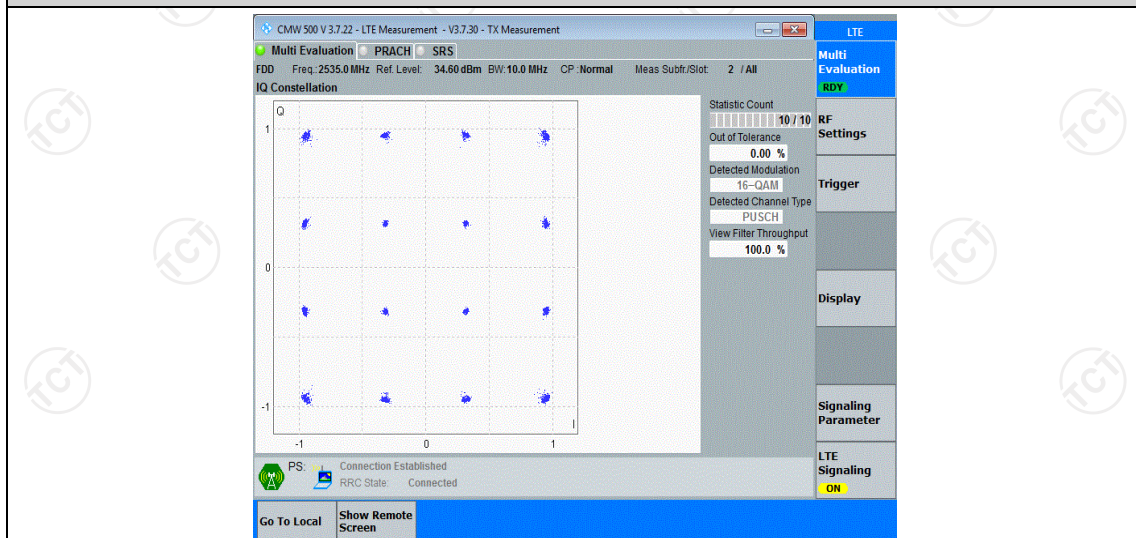
Band7-10MHz-QPSK-21400-50RB#0



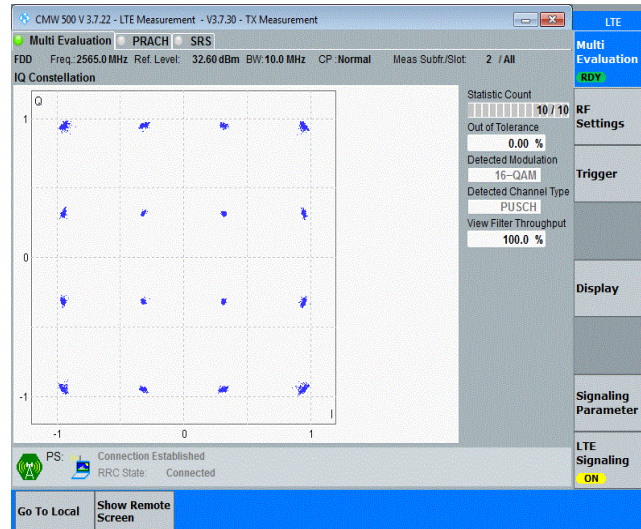
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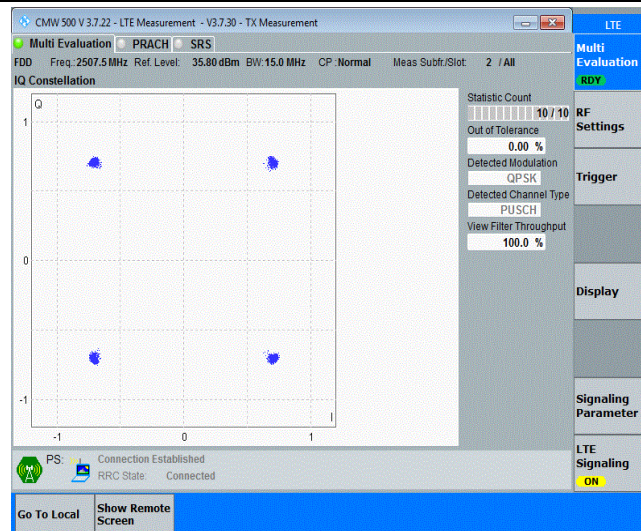
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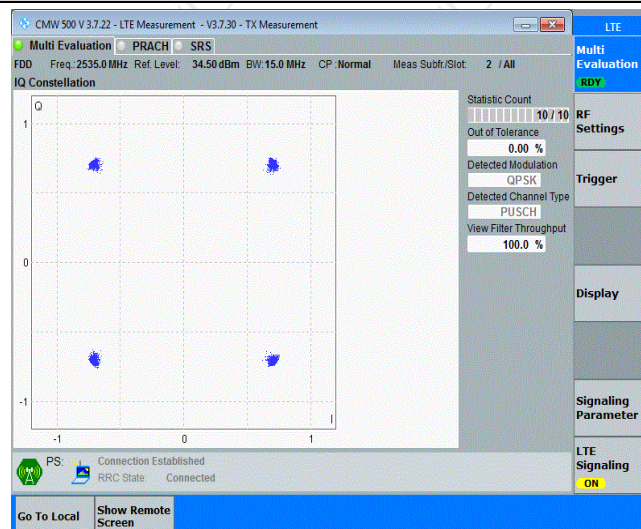
Band7-10MHz-16QAM-21400-50RB#0



Band7-15MHz-QPSK-20825-75RB#0



Band7-15MHz-QPSK-21100-75RB#0



Band7-15MHz-QPSK-21375-75RB#0