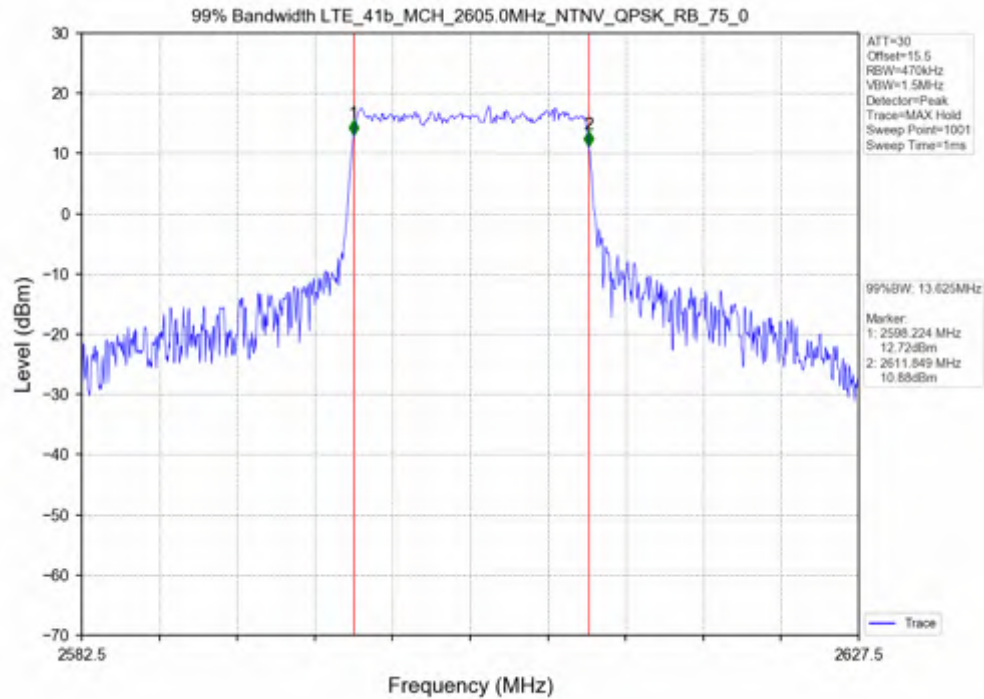
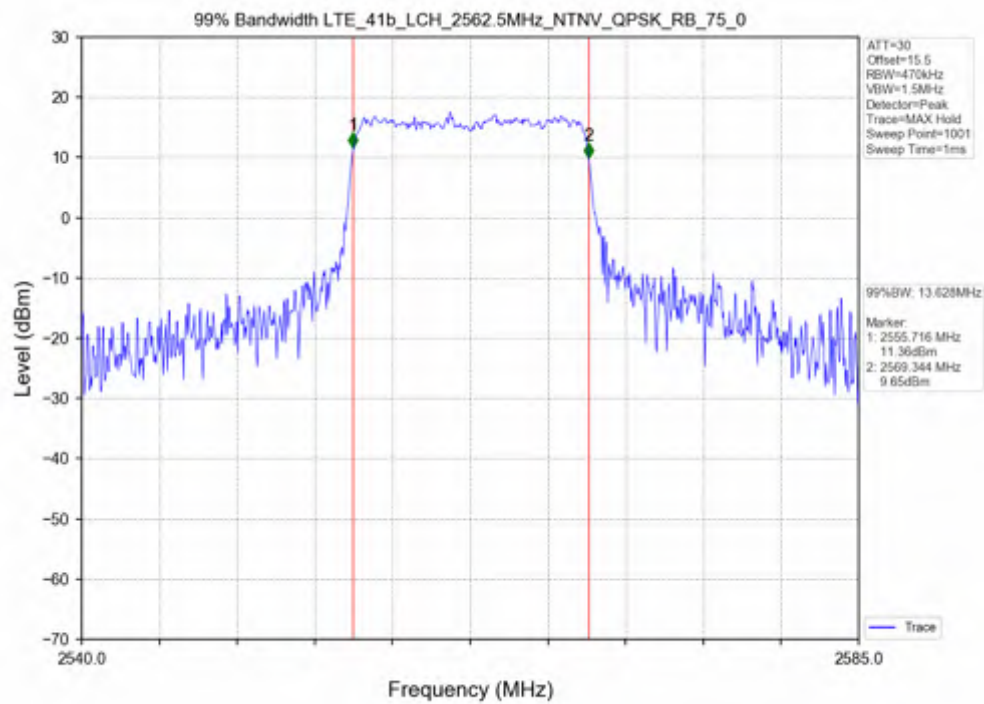
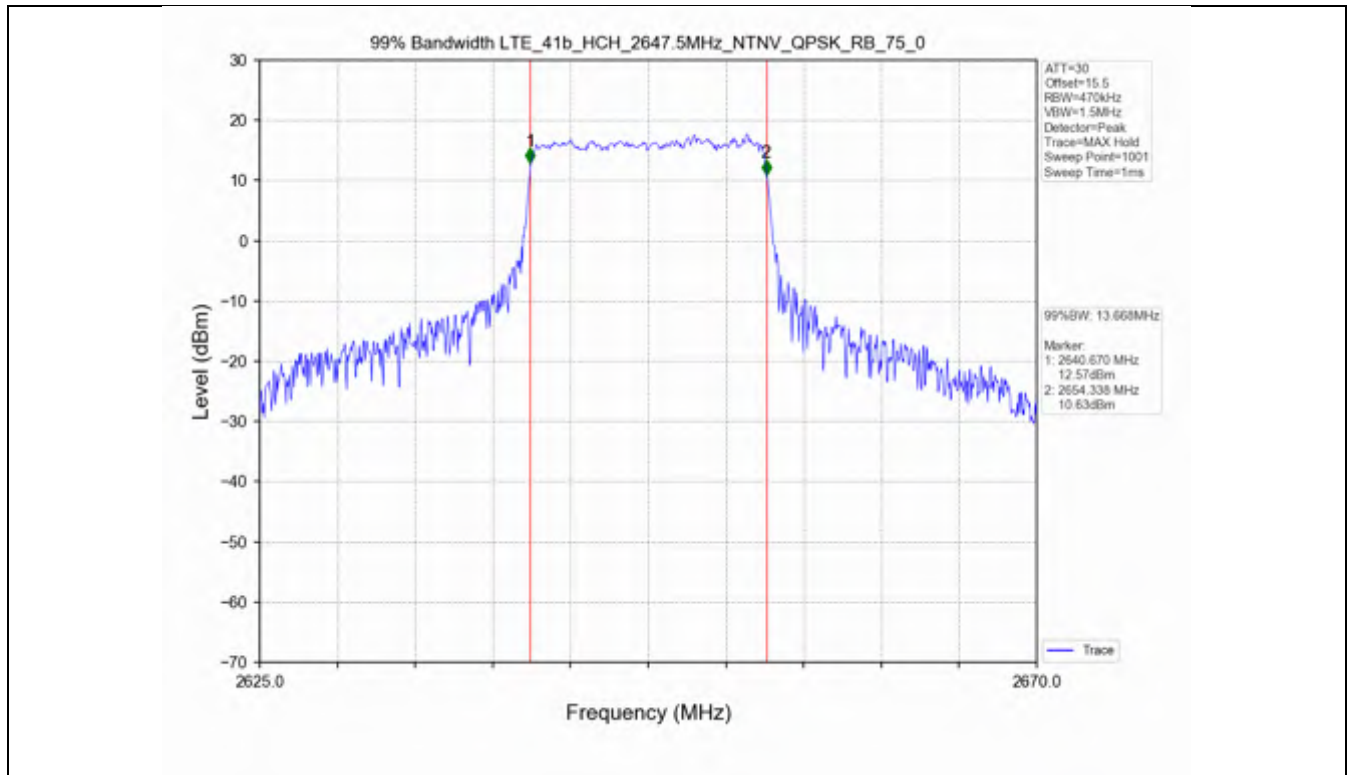
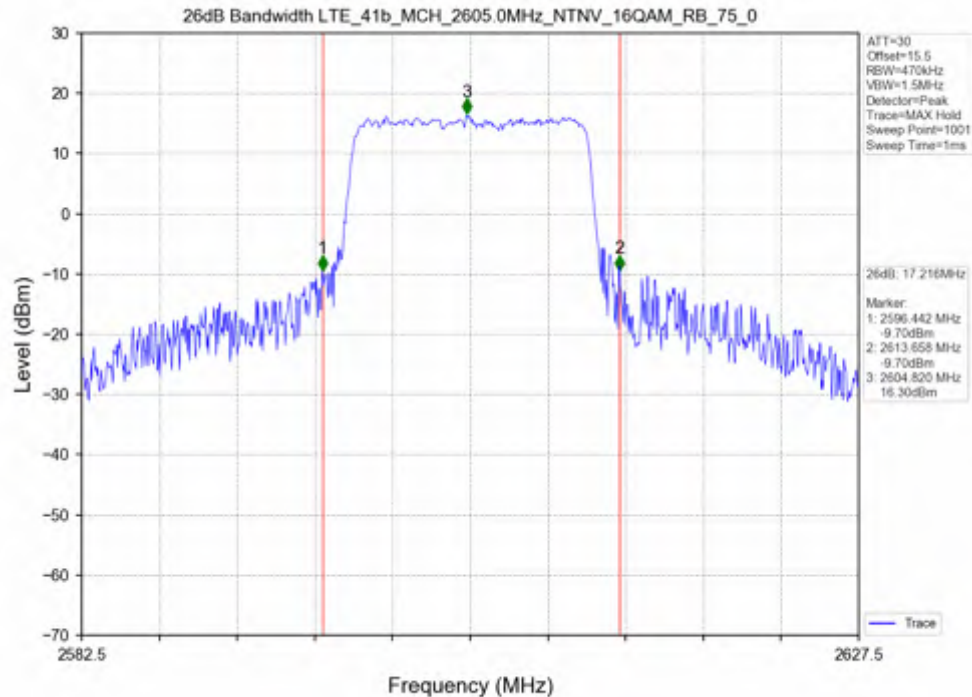
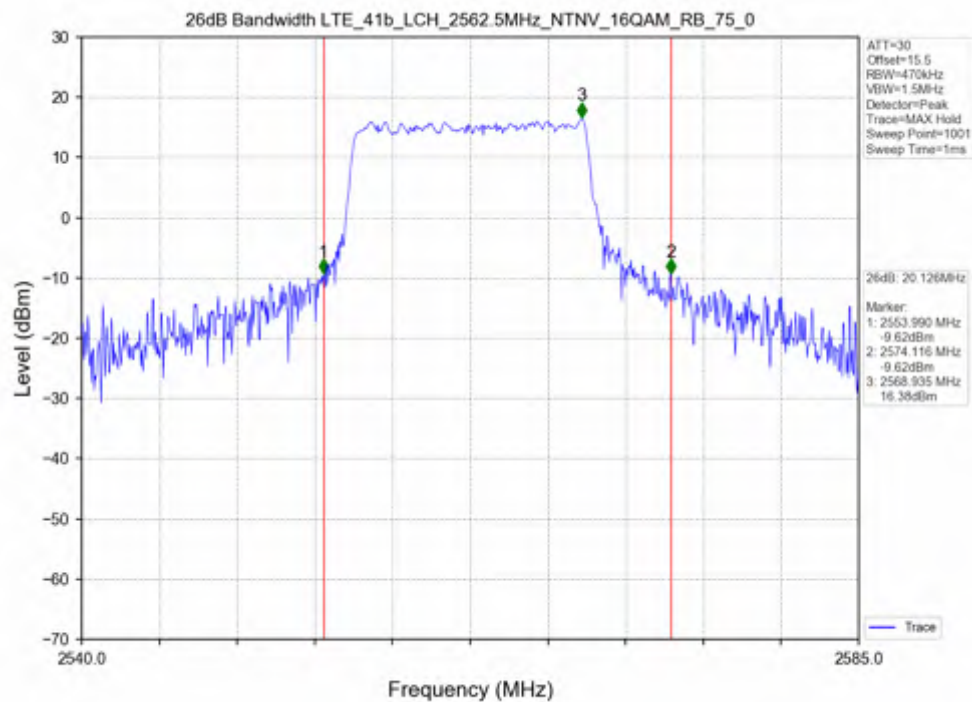
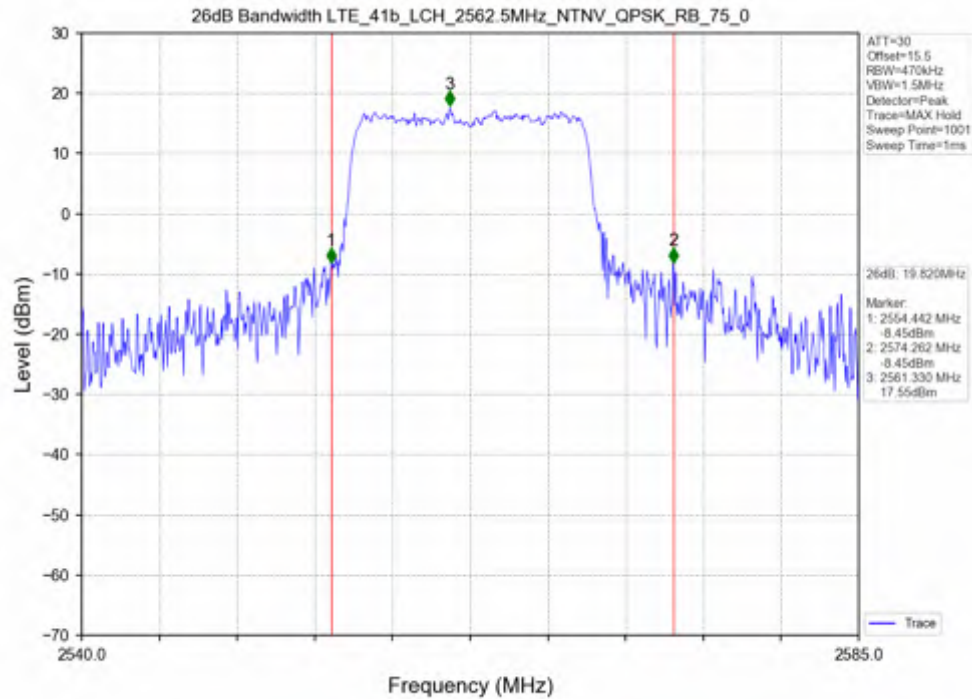
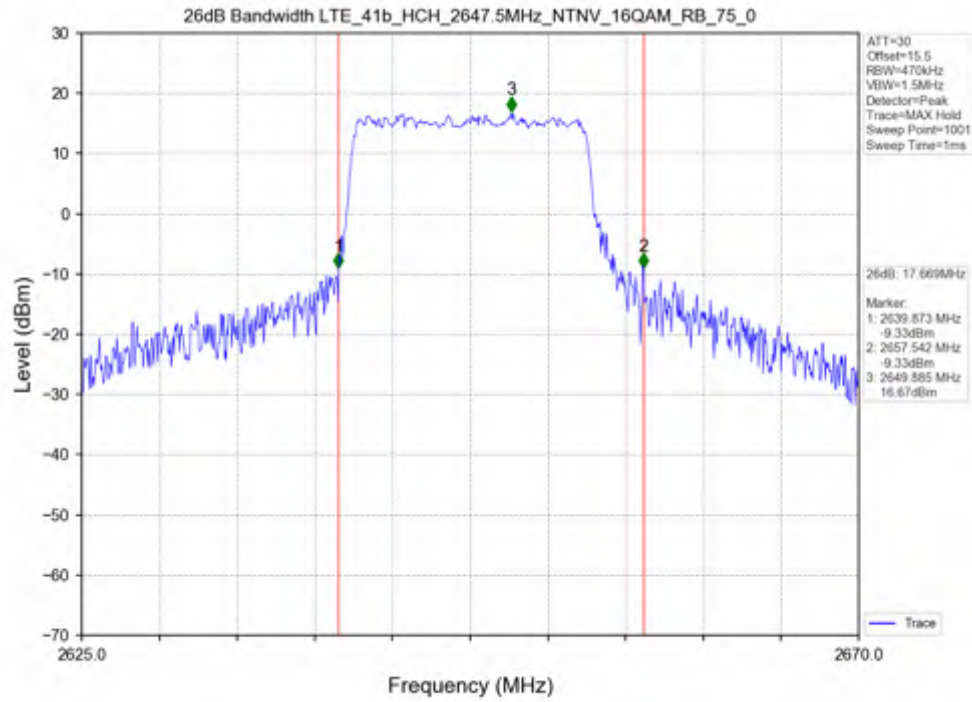


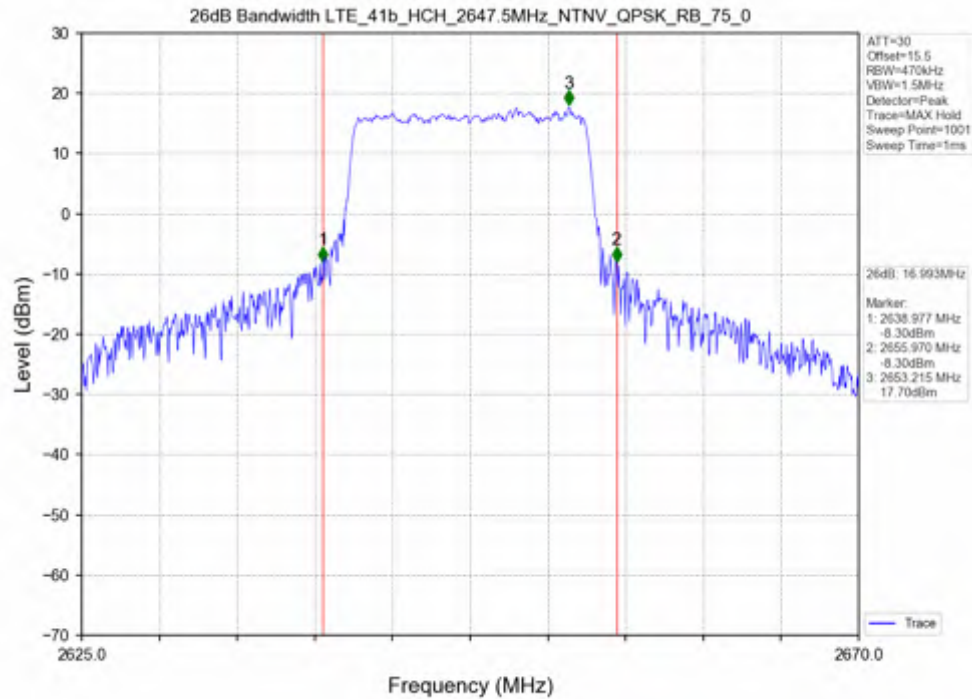
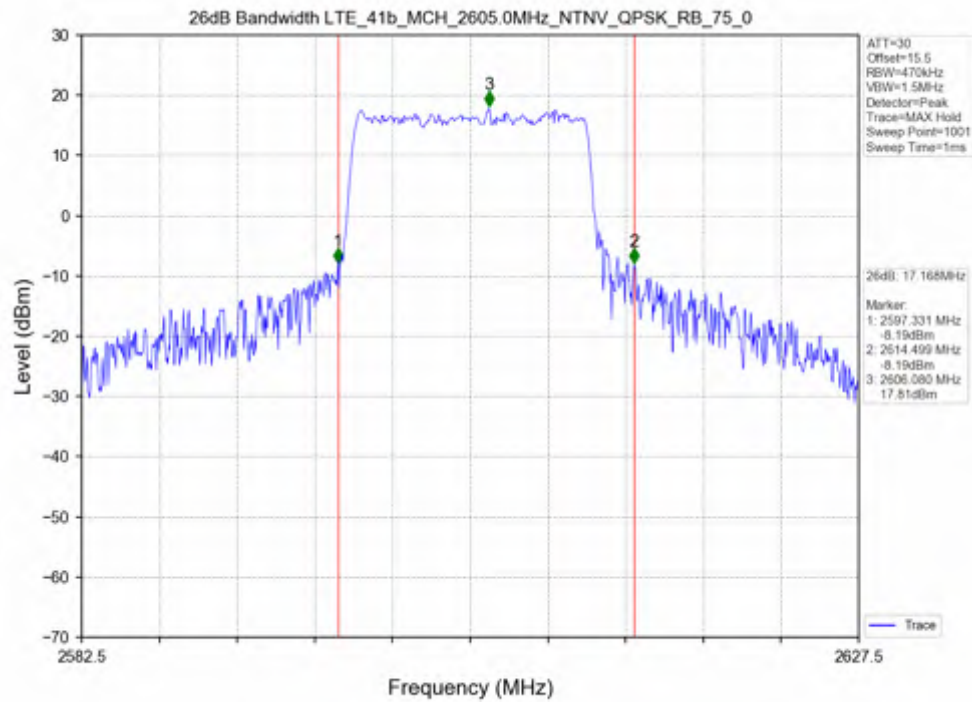




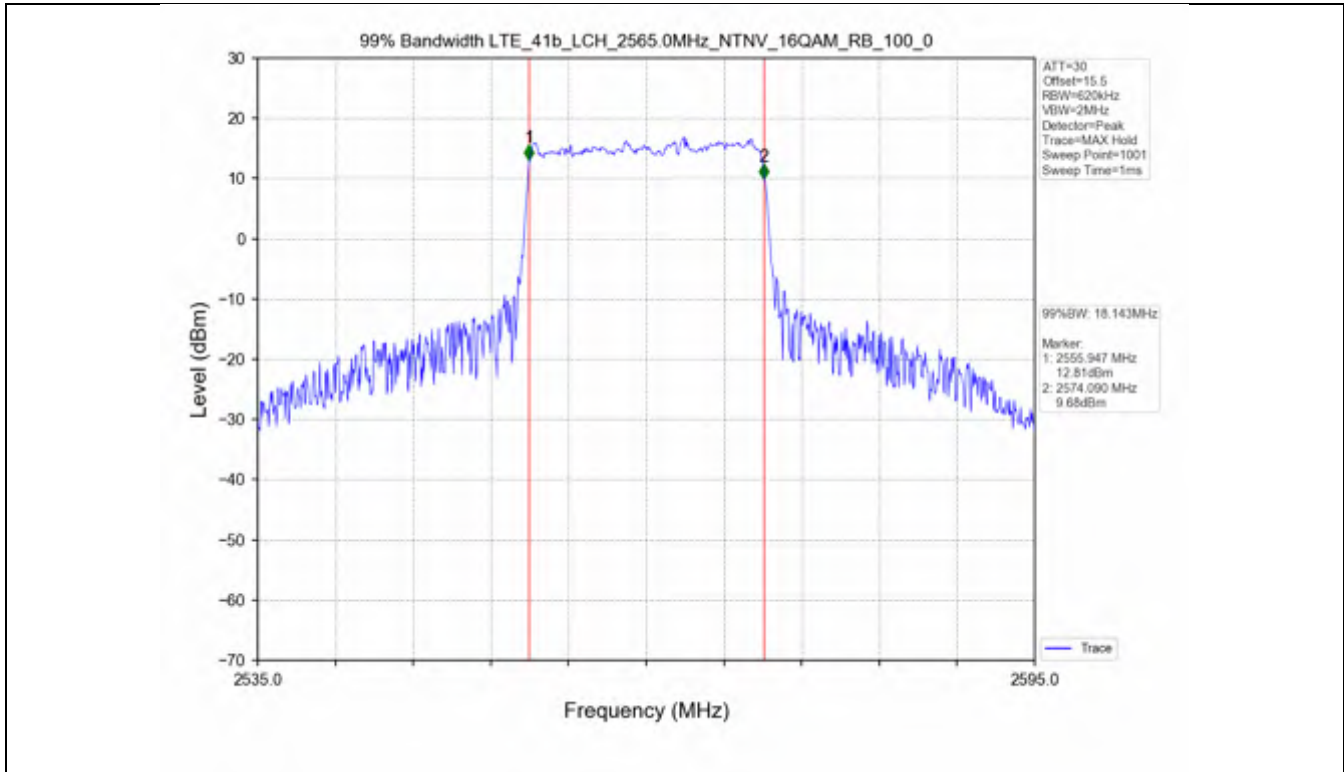
Test Band: 41b_15MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	19.820	17.168	16.993	N/A	PASS
16QAM	75	0	20.126	17.216	17.669	N/A	PASS

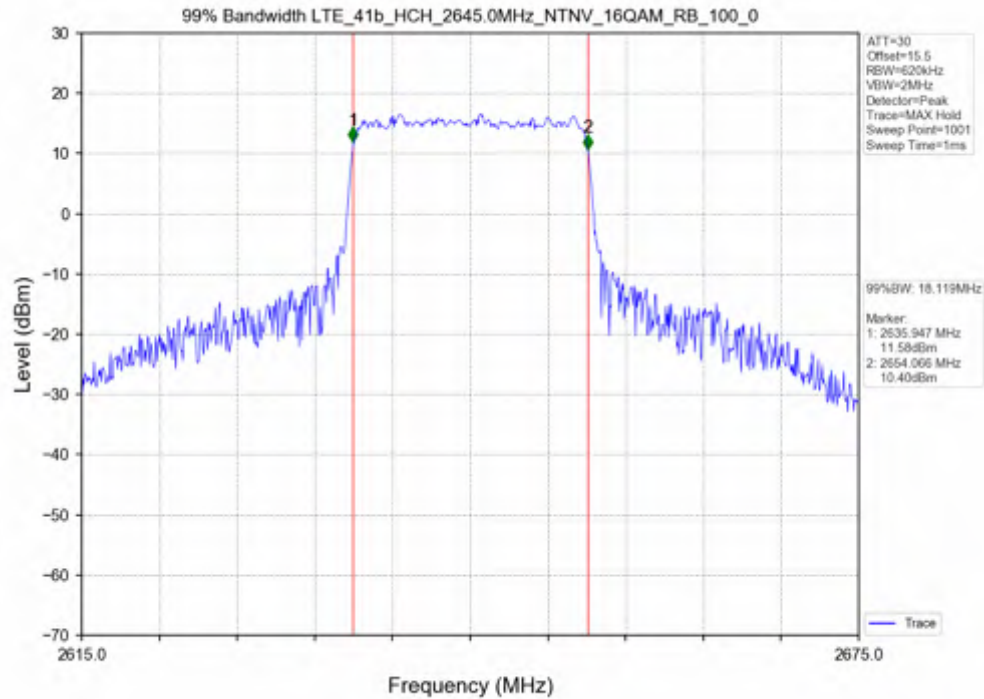
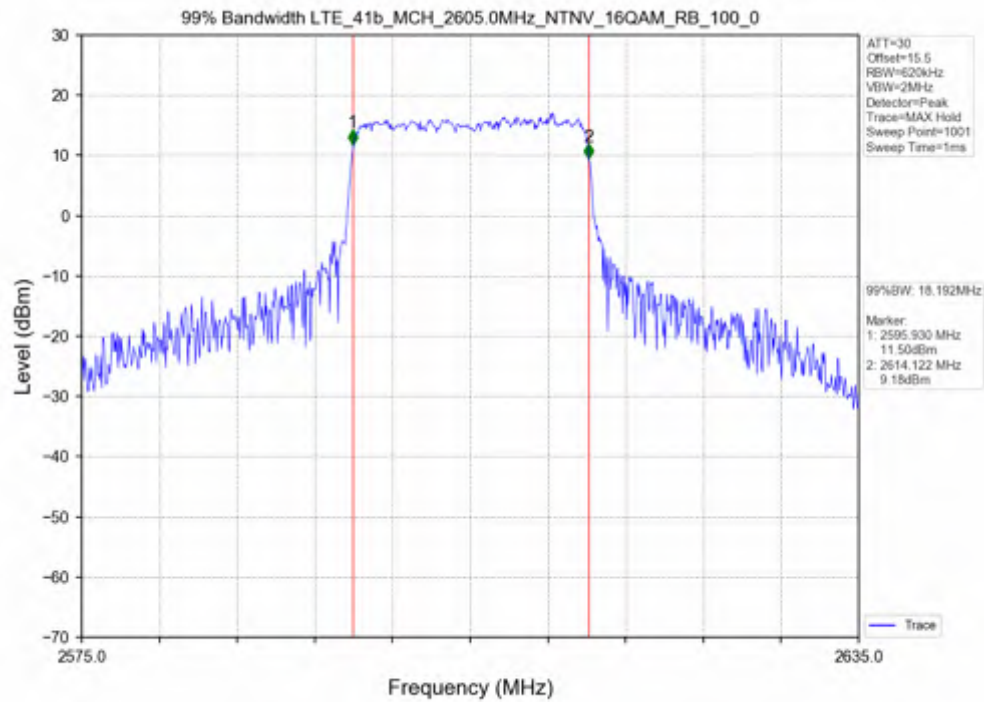


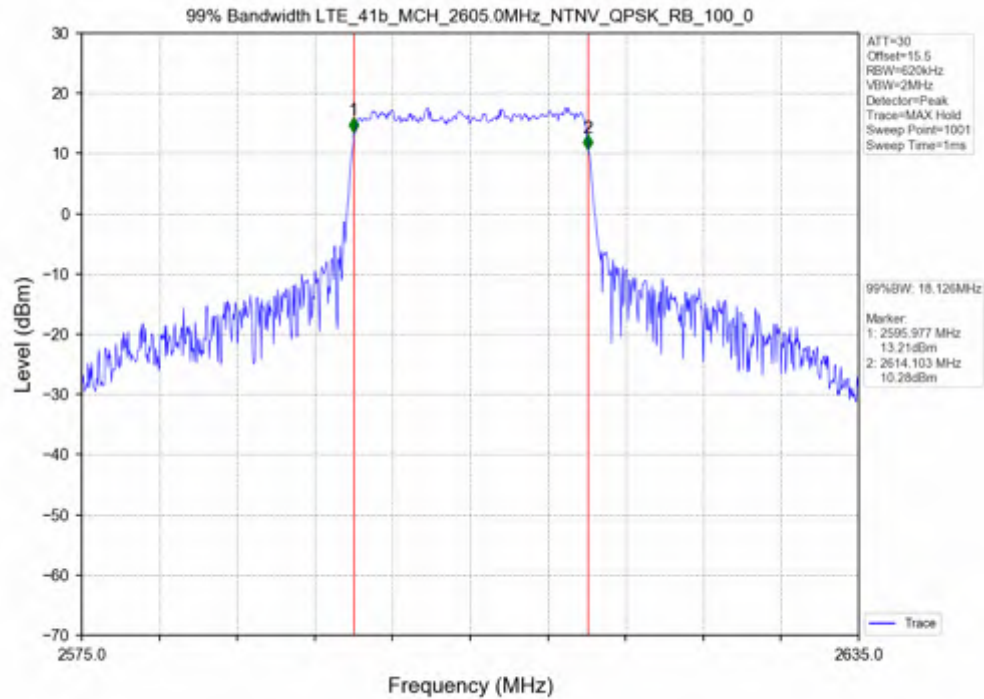
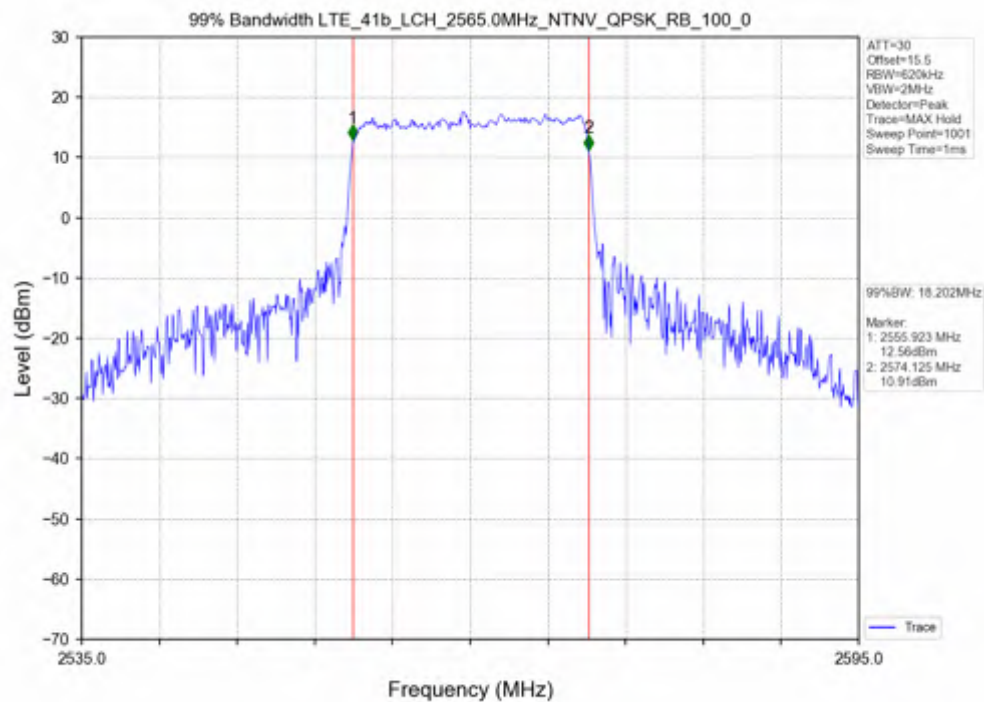


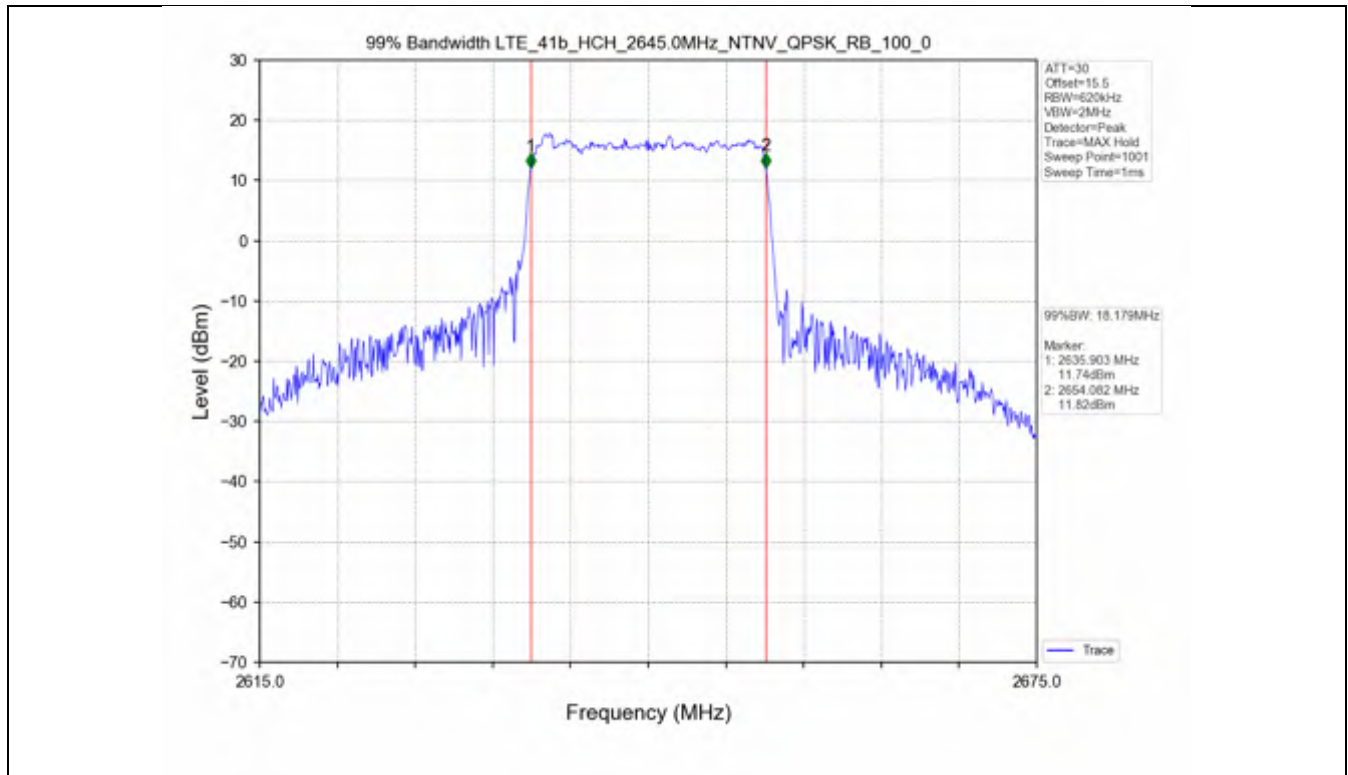


Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	18.202	18.126	18.179	N/A	PASS
16QAM	100	0	18.143	18.192	18.119	N/A	PASS

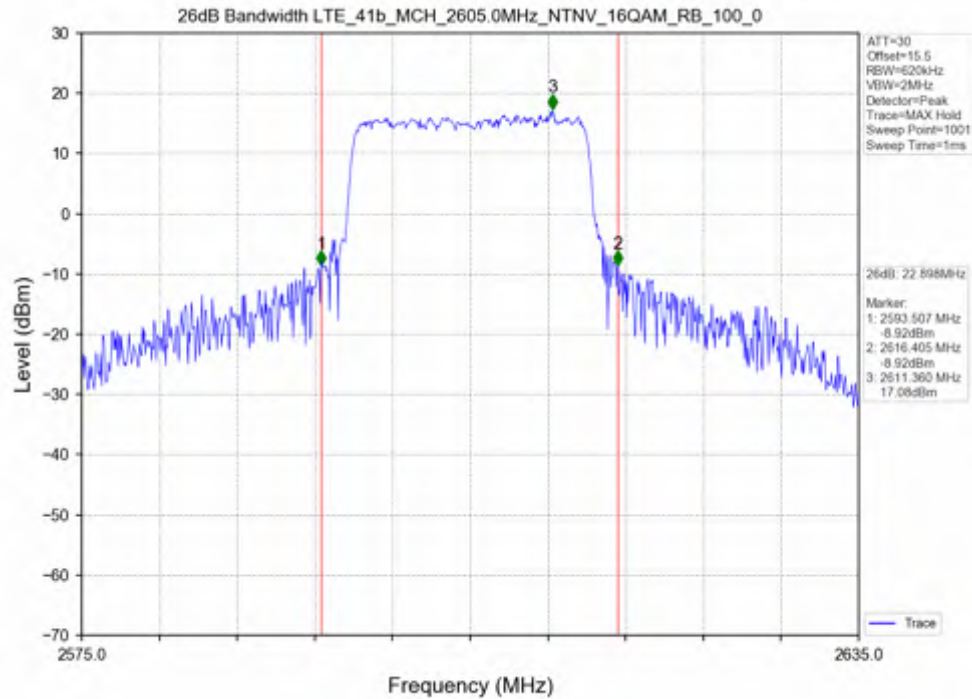
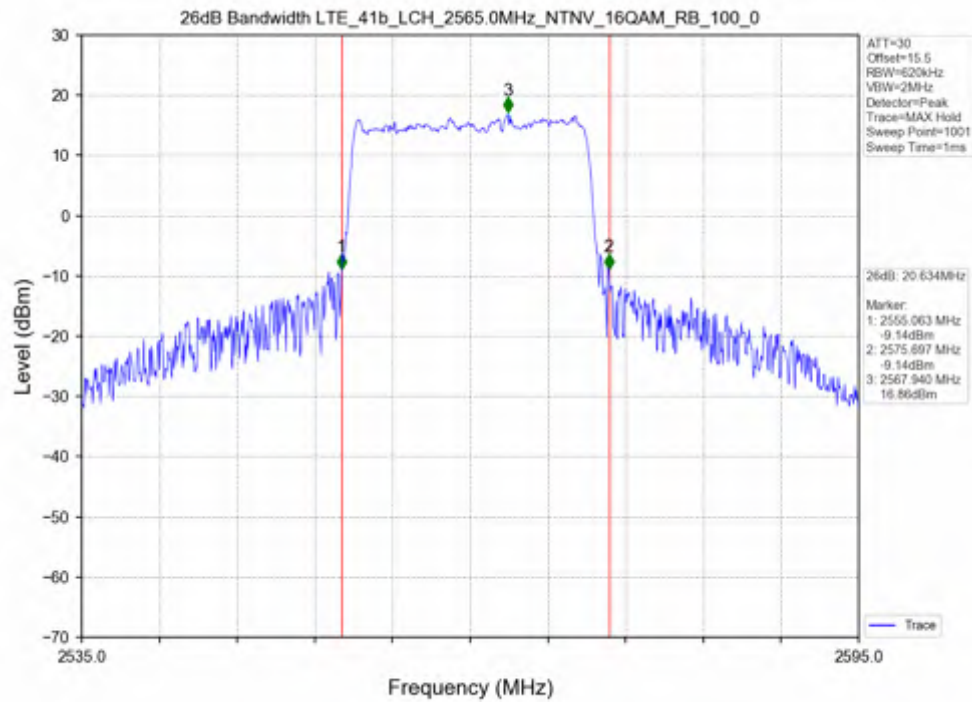


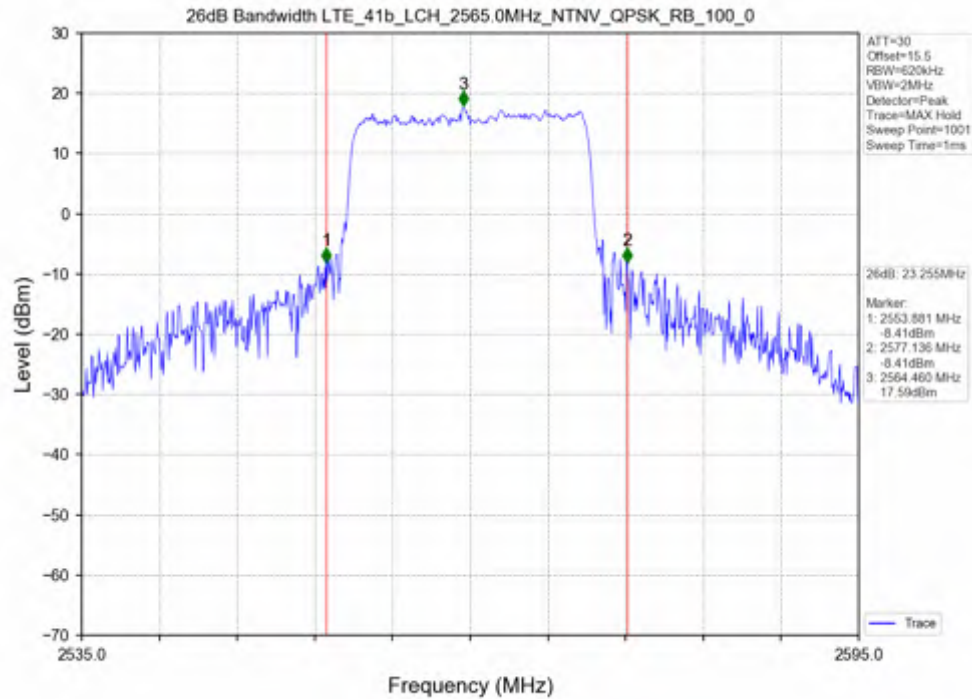
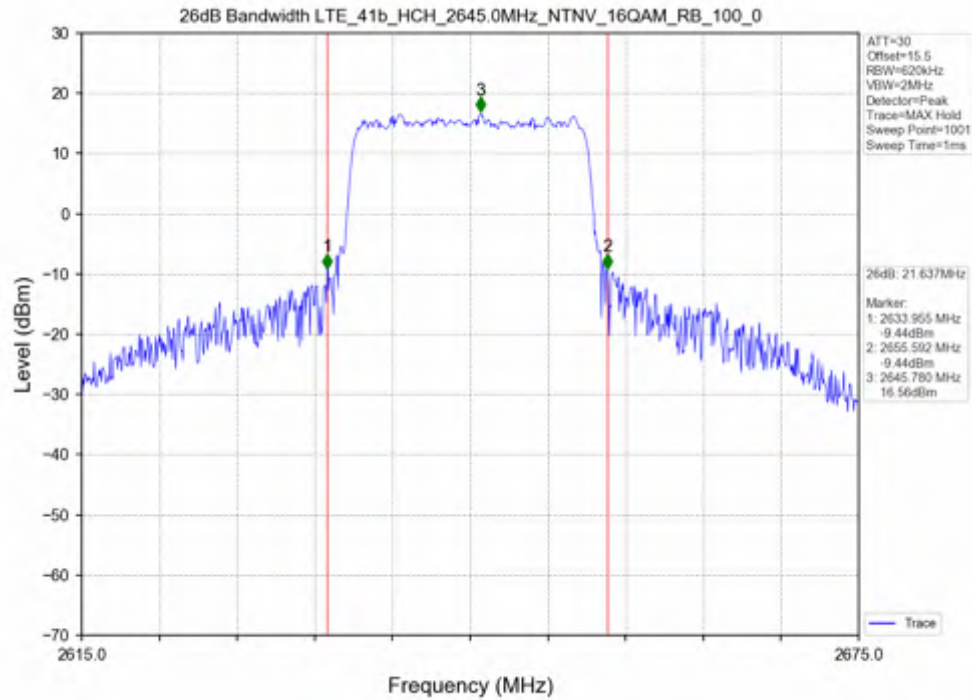


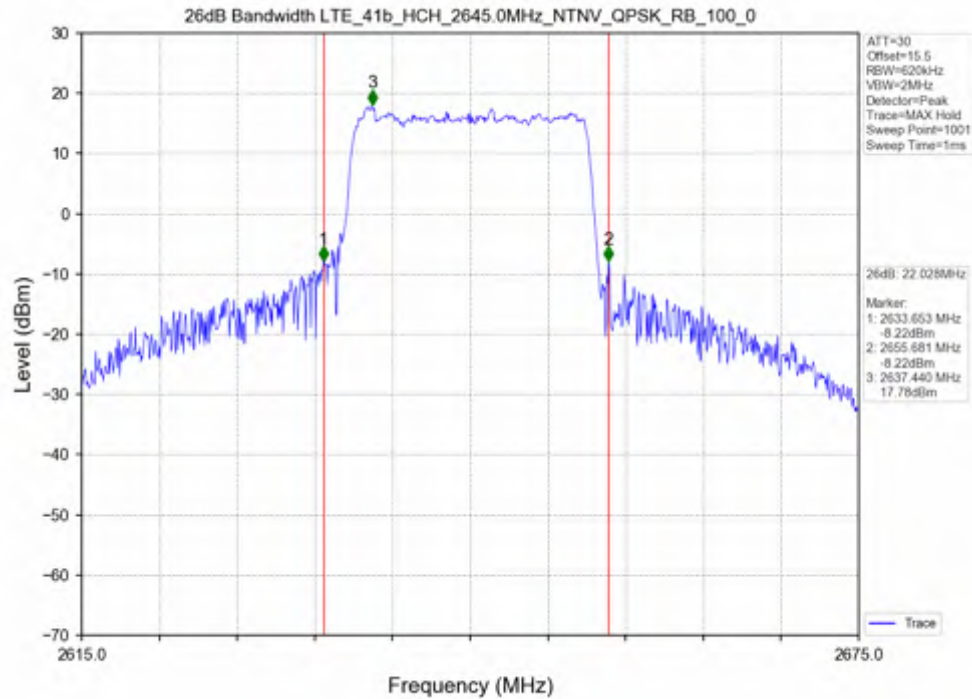
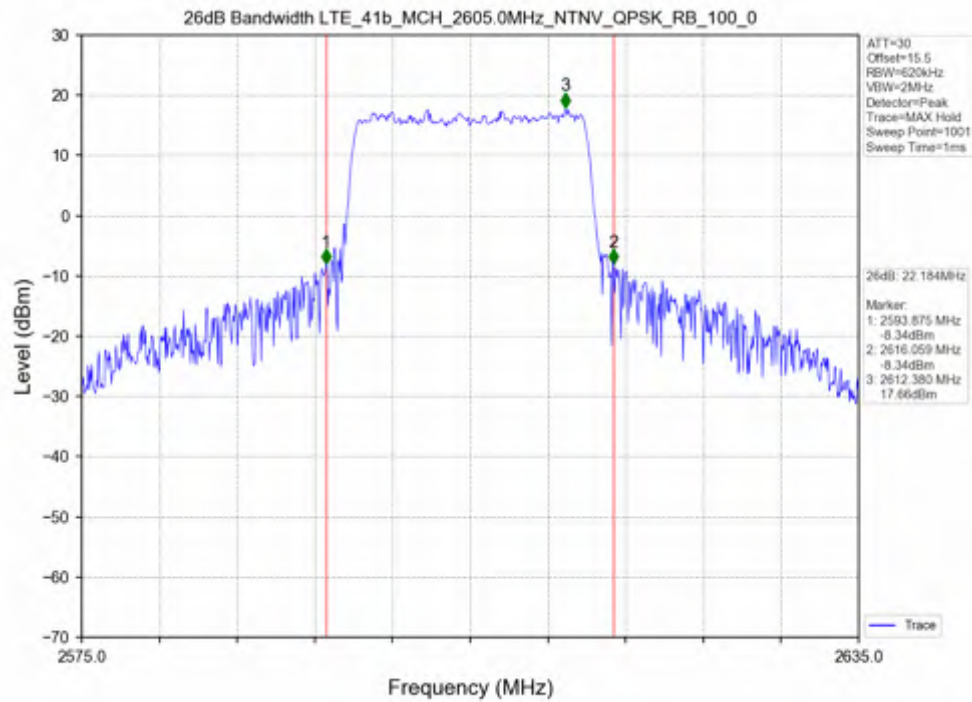




Test Band: 41b_20MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	23.255	22.184	22.028	N/A	PASS
16QAM	100	0	20.634	22.898	21.637	N/A	PASS







2.Frequency stability

Band 2

Test Band: 2 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	9.3555	19.7411	26.4931	0.0051	0.0105	0.0139	2.50	PASS
				NV	-19.2833	-5.2214	-6.0654	-0.0104	-0.0028	-0.0032	2.50	PASS
				HV	-22.2158	-9.0265	-21.9297	-0.0120	-0.0048	-0.0115	2.50	PASS
16QAM	6	0	NT	LV	9.4700	9.9421	-16.7370	0.0051	0.0053	-0.0088	2.50	PASS
				NV	-19.2118	-7.1096	-22.0728	-0.0104	-0.0038	-0.0116	2.50	PASS
				HV	-21.9297	-13.2036	-27.1225	-0.0118	-0.0070	-0.0142	2.50	PASS

Test Band: 2_1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-20.00	-19.9413	-10.8290	-17.6239	-0.0108	-0.0058	-0.0092	2.50	PASS
				-10.00	-18.6396	0.0429	-18.5251	-0.0101	0.0000	-0.0097	2.50	PASS
				0.00	-11.1437	-10.1996	-14.7772	-0.0060	-0.0054	-0.0077	2.50	PASS
				10.00	-9.9707	2.0027	-7.7820	-0.0054	0.0011	-0.0041	2.50	PASS
				20.00	-18.2533	2.5749	-14.2479	-0.0099	0.0014	-0.0075	2.50	PASS
				30.00	-12.2166	-4.3488	-11.0578	-0.0066	-0.0023	-0.0058	2.50	PASS
				40.00	-6.6090	4.2629	-4.7922	-0.0036	0.0023	-0.0025	2.50	PASS
				50.00	-14.4625	-2.1315	-19.5265	-0.0078	-0.0011	-0.0102	2.50	PASS
				60.00	-16.3508	-9.7561	-3.7766	-0.0088	-0.0052	-0.0020	2.50	PASS
16QAM	6	0	NV	-20.00	-14.5483	-14.0476	-13.6900	-0.0079	-0.0075	-0.0072	2.50	PASS
				-10.00	-5.7936	-0.1144	-20.2846	-0.0031	-0.0001	-0.0106	2.50	PASS
				0.00	-12.6028	-12.8889	-2.8038	-0.0068	-0.0069	-0.0015	2.50	PASS
				10.00	-8.5831	-15.8787	-11.6587	-0.0046	-0.0084	-0.0061	2.50	PASS
				20.00	-13.1607	-0.6437	-2.4605	-0.0071	-0.0003	-0.0013	2.50	PASS
				30.00	-1.9598	-9.5844	-7.6532	-0.0011	-0.0051	-0.0040	2.50	PASS
				40.00	-10.3569	-12.9461	-2.1029	-0.0056	-0.0069	-0.0011	2.50	PASS
				50.00	2.3746	0.4578	-1.9169	0.0013	0.0002	-0.0010	2.50	PASS
				60.00	2.2030	-20.1702	-7.4959	0.0012	-0.0107	-0.0039	2.50	PASS

Test Band: 2 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	9.5272	19.4264	19.4120	0.0051	0.0103	0.0102	2.50	PASS
				NV	-17.9243	-6.9666	-17.2377	-0.0097	-0.0037	-0.0090	2.50	PASS
				HV	-23.1028	-8.9264	-13.6185	-0.0125	-0.0047	-0.0071	2.50	PASS
16QAM	15	0	NT	LV	4.5919	9.6846	-20.2274	0.0025	0.0052	-0.0106	2.50	PASS
				NV	-6.8665	-7.8821	-11.1294	-0.0037	-0.0042	-0.0058	2.50	PASS
				HV	-19.2690	-16.9802	-13.5469	-0.0104	-0.0090	-0.0071	2.50	PASS

Test Band: 2 3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-20.00	-7.3385	-18.9972	-12.5313	-0.0040	-0.0101	-0.0066	2.50	PASS
				-10.00	-10.1280	-18.1532	4.3488	-0.0055	-0.0097	0.0023	2.50	PASS
				0.00	-8.1968	-2.8753	-8.0252	-0.0044	-0.0015	-0.0042	2.50	PASS
				10.00	-9.0265	-5.0354	-5.8508	-0.0049	-0.0027	-0.0031	2.50	PASS
				20.00	-5.3072	-0.0286	-2.6464	-0.0029	0.0000	-0.0014	2.50	PASS
				30.00	-12.4884	1.5879	-4.1485	-0.0067	0.0008	-0.0022	2.50	PASS
				40.00	-16.9087	-7.1955	-12.0306	-0.0091	-0.0038	-0.0063	2.50	PASS

				50.00	-11.5156	-15.3780	-9.7418	-0.0062	-0.0082	-0.0051	2.50	PASS
				60.00	-8.9836	-12.7029	-14.0905	-0.0049	-0.0068	-0.0074	2.50	PASS
16QAM	15	0	NV	-20.00	-12.4025	-19.2976	-16.0074	-0.0067	-0.0103	-0.0084	2.50	PASS
				-10.00	-15.1348	-17.7383	-9.7847	-0.0082	-0.0094	-0.0051	2.50	PASS
				0.00	-7.4816	-10.6716	-10.0136	-0.0040	-0.0057	-0.0052	2.50	PASS
				10.00	-13.2179	-13.5040	-8.1968	-0.0071	-0.0072	-0.0043	2.50	PASS
				20.00	-11.5585	-10.5572	-10.0136	-0.0062	-0.0056	-0.0052	2.50	PASS
				30.00	-3.4046	-8.9264	-16.2220	-0.0018	-0.0047	-0.0085	2.50	PASS
				40.00	-4.0483	-2.7180	-13.6328	-0.0022	-0.0014	-0.0071	2.50	PASS
				50.00	-10.2854	-8.0967	-8.8120	-0.0056	-0.0043	-0.0046	2.50	PASS
				60.00	-13.4611	-18.8684	-15.3351	-0.0073	-0.0100	-0.0080	2.50	PASS

Test Band: 2 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	0.0286	7.6962	5.6648	0.0000	0.0041	0.0030	2.50	PASS
				NV	-12.9604	-16.0360	-14.1192	-0.0070	-0.0085	-0.0074	2.50	PASS
				HV	-7.3957	-13.2179	-5.0783	-0.0040	-0.0070	-0.0027	2.50	PASS
16QAM	25	0	NT	LV	-13.2608	11.2581	1.2875	-0.0072	0.0060	0.0007	2.50	PASS
				NV	-14.5626	-7.7963	-16.9802	-0.0079	-0.0041	-0.0089	2.50	PASS
				HV	-9.0265	-0.8726	-4.5776	-0.0049	-0.0005	-0.0024	2.50	PASS

Test Band: 2 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-20.00	-14.9345	-15.5497	-3.4046	-0.0081	-0.0083	-0.0018	2.50	PASS
				-10.00	-12.5313	-8.2111	-4.0770	-0.0068	-0.0044	-0.0021	2.50	PASS
				0.00	-3.1614	2.4891	-4.8780	-0.0017	0.0013	-0.0026	2.50	PASS
				10.00	-4.6921	-6.7091	-5.9795	-0.0025	-0.0036	-0.0031	2.50	PASS
				20.00	1.3447	-3.8910	-3.8767	0.0007	-0.0021	-0.0020	2.50	PASS
				30.00	-1.4019	-7.8821	-3.3903	-0.0008	-0.0042	-0.0018	2.50	PASS
				40.00	-9.0981	-8.7118	-7.7105	-0.0049	-0.0046	-0.0040	2.50	PASS
				50.00	-2.6321	-8.8120	-7.7820	-0.0014	-0.0047	-0.0041	2.50	PASS
				60.00	-11.7874	-9.4271	-8.7404	-0.0064	-0.0050	-0.0046	2.50	PASS
16QAM	25	0	NV	-20.00	-4.3488	-5.9080	-4.4346	-0.0023	-0.0031	-0.0023	2.50	PASS
				-10.00	-13.5326	-1.4162	-9.8562	-0.0073	-0.0008	-0.0052	2.50	PASS
				0.00	-5.5075	-2.0170	-4.8780	-0.0030	-0.0011	-0.0026	2.50	PASS
				10.00	-4.5633	-5.3215	-7.9250	-0.0025	-0.0028	-0.0042	2.50	PASS
				20.00	-9.1982	-12.1736	-4.6062	-0.0050	-0.0065	-0.0024	2.50	PASS
				30.00	-5.4502	-2.5892	1.2445	-0.0029	-0.0014	0.0007	2.50	PASS
				40.00	-10.8576	-9.5415	-5.9652	-0.0059	-0.0051	-0.0031	2.50	PASS
				50.00	-7.2956	-12.4598	-10.9005	-0.0039	-0.0066	-0.0057	2.50	PASS
				60.00	-7.2813	-8.5402	-8.1110	-0.0039	-0.0045	-0.0043	2.50	PASS

Test Band: 2 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	-1.4734	-1.3733	-2.2745	-0.0008	-0.0007	-0.0012	2.50	PASS
				NV	-9.1124	-11.3010	-3.6907	-0.0049	-0.0060	-0.0019	2.50	PASS
				HV	-4.1342	-10.7431	-4.3774	-0.0022	-0.0057	-0.0023	2.50	PASS
16QAM	50	0	NT	LV	-5.7220	-5.3215	-8.4972	-0.0031	-0.0028	-0.0045	2.50	PASS
				NV	-5.7507	-9.9707	-14.5340	-0.0031	-0.0053	-0.0076	2.50	PASS
				HV	-4.4918	-3.8195	-7.4244	-0.0024	-0.0020	-0.0039	2.50	PASS

Test Band: 2 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-20.00	-13.0034	-11.4727	-11.0865	-0.0070	-0.0061	-0.0058	2.50	PASS
				-10.00	-6.1226	-2.7609	-2.7037	-0.0033	-0.0015	-0.0014	2.50	PASS
				0.00	-5.3930	-3.6907	-2.7323	-0.0029	-0.0020	-0.0014	2.50	PASS
				10.00	-3.4475	-0.8297	-10.4856	-0.0019	-0.0004	-0.0055	2.50	PASS
				20.00	-3.2187	-15.3065	-5.6219	-0.0017	-0.0081	-0.0030	2.50	PASS
				30.00	-6.0368	0.7010	-5.1928	-0.0033	0.0004	-0.0027	2.50	PASS
				40.00	-3.7479	-7.8821	-10.2854	-0.0020	-0.0042	-0.0054	2.50	PASS
				50.00	-2.5177	-12.7029	-7.5102	-0.0014	-0.0068	-0.0039	2.50	PASS
16QAM	50	0	NV	60.00	-9.9707	-1.0157	-10.7288	-0.0054	-0.0005	-0.0056	2.50	PASS
				-20.00	-6.8951	-8.4686	-1.7309	-0.0037	-0.0045	-0.0009	2.50	PASS
				-10.00	1.7881	-16.7799	2.9182	0.0010	-0.0089	0.0015	2.50	PASS
				0.00	-2.3031	-11.5156	-11.4870	-0.0012	-0.0061	-0.0060	2.50	PASS
				10.00	-1.9741	-3.5334	-5.4646	-0.0011	-0.0019	-0.0029	2.50	PASS
				20.00	-5.5933	-12.5027	-8.1682	-0.0030	-0.0067	-0.0043	2.50	PASS
				30.00	-2.8038	-8.7547	-10.0422	-0.0015	-0.0047	-0.0053	2.50	PASS
				40.00	-5.2643	0.5007	-3.3331	-0.0028	0.0003	-0.0017	2.50	PASS
				50.00	-4.7493	-10.1709	6.9380	-0.0026	-0.0054	0.0036	2.50	PASS
				60.00	-3.8624	-11.2724	-1.4734	-0.0021	-0.0060	-0.0008	2.50	PASS

Test Band: 2 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	-3.7336	-6.6805	-11.6301	-0.0020	-0.0036	-0.0061	2.50	PASS
				NV	-2.3603	-8.6260	-6.9380	-0.0013	-0.0046	-0.0036	2.50	PASS
				HV	-2.8324	0.9298	-7.7534	-0.0015	0.0005	-0.0041	2.50	PASS
16QAM	75	0	NT	LV	-3.0756	-4.0770	-8.3399	-0.0017	-0.0022	-0.0044	2.50	PASS
				NV	-6.4802	-3.8624	-9.8419	-0.0035	-0.0021	-0.0052	2.50	PASS
				HV	-4.9925	-6.1369	-2.0456	-0.0027	-0.0033	-0.0011	2.50	PASS

Test Band: 2 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-20.00	5.6791	-1.6451	-5.9080	0.0031	-0.0009	-0.0031	2.50	PASS
				-10.00	-4.0340	-6.3801	-9.2983	-0.0022	-0.0034	-0.0049	2.50	PASS
				0.00	-2.5606	-1.2016	0.3004	-0.0014	-0.0006	0.0002	2.50	PASS
				10.00	-8.9264	0.3147	-3.4475	-0.0048	0.0002	-0.0018	2.50	PASS
				20.00	-10.4713	-5.5361	-6.5374	-0.0056	-0.0029	-0.0034	2.50	PASS
				30.00	-5.6362	-5.4932	-6.1512	-0.0030	-0.0029	-0.0032	2.50	PASS
				40.00	-7.3242	-7.8392	-4.8637	-0.0039	-0.0042	-0.0026	2.50	PASS
				50.00	-8.8406	-3.9911	-0.2575	-0.0048	-0.0021	-0.0001	2.50	PASS
16QAM	75	0	NV	60.00	-8.0824	-9.7847	-5.2786	-0.0044	-0.0052	-0.0028	2.50	PASS
				-20.00	-5.9080	-7.5817	-5.0068	-0.0032	-0.0040	-0.0026	2.50	PASS
				-10.00	0.2003	-9.8276	-4.6492	0.0001	-0.0052	-0.0024	2.50	PASS
				0.00	-5.3787	-1.9598	-7.5388	-0.0029	-0.0010	-0.0040	2.50	PASS
				10.00	1.6022	-3.9911	-7.9966	0.0009	-0.0021	-0.0042	2.50	PASS
				20.00	-7.0381	-4.4346	-2.9039	-0.0038	-0.0024	-0.0015	2.50	PASS
				30.00	1.9169	-6.5804	-10.8862	0.0010	-0.0035	-0.0057	2.50	PASS
				40.00	-0.3862	-4.2915	-4.1771	-0.0002	-0.0023	-0.0022	2.50	PASS
				50.00	-5.8937	-8.5688	-7.1383	-0.0032	-0.0046	-0.0038	2.50	PASS



				60.00	-9.2411	-3.9625	-1.3447	-0.0050	-0.0021	-0.0007	2.50	PASS
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Test Band: 2_ 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	-6.1798	-2.7609	-7.4816	-0.0033	-0.0015	-0.0039	2.50	PASS
				NV	-11.6587	-2.8467	-7.7534	-0.0063	-0.0015	-0.0041	2.50	PASS
				HV	-5.9366	-10.3426	-7.7820	-0.0032	-0.0055	-0.0041	2.50	PASS
16QAM	100	0	NT	LV	-8.0252	-2.9039	-6.4373	-0.0043	-0.0015	-0.0034	2.50	PASS
				NV	-5.1355	-12.9032	-4.3631	-0.0028	-0.0069	-0.0023	2.50	PASS
				HV	-5.9223	-3.9911	-3.8624	-0.0032	-0.0021	-0.0020	2.50	PASS

Test Band: 2_ 20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-20.00	-4.6349	-9.8419	-4.6778	-0.0025	-0.0052	-0.0025	2.50	PASS
				-10.00	0.5007	-8.2970	-2.6751	0.0003	-0.0044	-0.0014	2.50	PASS
				0.00	-1.0300	-4.7207	-5.2357	-0.0006	-0.0025	-0.0028	2.50	PASS
				10.00	-6.5947	-6.0797	-5.1785	-0.0035	-0.0032	-0.0027	2.50	PASS
				20.00	-7.8821	-3.3760	-2.4891	-0.0042	-0.0018	-0.0013	2.50	PASS
				30.00	-3.8052	-9.2840	-3.2473	-0.0020	-0.0049	-0.0017	2.50	PASS
				40.00	-4.5919	-4.6062	-2.3031	-0.0025	-0.0025	-0.0012	2.50	PASS
				50.00	-6.0654	-14.4482	-6.2227	-0.0033	-0.0077	-0.0033	2.50	PASS
				60.00	-4.8065	-7.8249	-3.0470	-0.0026	-0.0042	-0.0016	2.50	PASS
16QAM	100	0	NV	-20.00	2.2888	-4.5490	-8.4686	0.0012	-0.0024	-0.0045	2.50	PASS
				-10.00	-8.8263	-12.7602	-6.2513	-0.0047	-0.0068	-0.0033	2.50	PASS
				0.00	-5.1785	-14.0047	-8.0967	-0.0028	-0.0074	-0.0043	2.50	PASS
				10.00	0.9441	-5.5933	-11.7445	0.0005	-0.0030	-0.0062	2.50	PASS
				20.00	-3.2473	-12.5313	-4.7636	-0.0017	-0.0067	-0.0025	2.50	PASS
				30.00	-6.8808	-9.9850	-6.4373	-0.0037	-0.0053	-0.0034	2.50	PASS
				40.00	-6.3372	-13.0034	-4.9925	-0.0034	-0.0069	-0.0026	2.50	PASS
				50.00	-2.9755	-11.1723	-3.6192	-0.0016	-0.0059	-0.0019	2.50	PASS
				60.00	5.8222	-12.2023	-5.6219	0.0031	-0.0065	-0.0030	2.50	PASS

Bnad 4

Test Band: 4_ 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	1.5306	30.1838	15.3065	0.0009	0.0174	0.0087	2.50	PASS
				NV	-20.7853	-2.9325	-19.5837	-0.0122	-0.0017	-0.0112	2.50	PASS
				HV	-17.7526	-13.2179	-19.5408	-0.0104	-0.0076	-0.0111	2.50	PASS
16QAM	6	0	NT	LV	10.2568	-5.6648	-15.9788	0.0060	-0.0033	-0.0091	2.50	PASS
				NV	-21.0285	-3.1757	19.1116	-0.0123	-0.0018	0.0109	2.50	PASS
				HV	-13.3753	-1.9884	2.9182	-0.0078	-0.0011	0.0017	2.50	PASS

Test Band: 4_ 1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-20.00	-8.0681	-12.5456	-6.7520	-0.0047	-0.0072	-0.0038	2.50	PASS
				-10.00	-1.0872	-7.7963	-6.3658	-0.0006	-0.0045	-0.0036	2.50	PASS
				0.00	-3.4904	-33.6599	-5.7077	-0.0020	-0.0194	-0.0033	2.50	PASS

				10.00	-8.7833	-12.1307	-2.2602	-0.0051	-0.0070	-0.0013	2.50	PASS
				20.00	-6.4087	-15.1348	-2.4033	-0.0037	-0.0087	-0.0014	2.50	PASS
				30.00	1.3590	-12.0878	-7.3385	0.0008	-0.0070	-0.0042	2.50	PASS
				40.00	-5.7364	-2.6894	-5.5075	-0.0034	-0.0016	-0.0031	2.50	PASS
				50.00	-8.0109	-4.5061	-7.8106	-0.0047	-0.0026	-0.0045	2.50	PASS
				60.00	-6.2084	-8.5545	-4.4489	-0.0036	-0.0049	-0.0025	2.50	PASS
16QAM	6	0	NV	-20.00	-6.5660	-0.1574	-6.2227	-0.0038	-0.0001	-0.0035	2.50	PASS
				-10.00	-6.7234	-1.6594	-5.9366	-0.0039	-0.0010	-0.0034	2.50	PASS
				0.00	2.6464	-6.6948	-3.3760	0.0015	-0.0039	-0.0019	2.50	PASS
				10.00	1.0872	-2.9325	-2.9469	0.0006	-0.0017	-0.0017	2.50	PASS
				20.00	-6.4802	-9.8276	-2.8753	-0.0038	-0.0057	-0.0016	2.50	PASS
				30.00	-7.3957	-8.9550	-0.0143	-0.0043	-0.0052	0.0000	2.50	PASS
				40.00	-12.3596	-3.3188	-4.7207	-0.0072	-0.0019	-0.0027	2.50	PASS
				50.00	-9.2554	-1.4877	-6.4802	-0.0054	-0.0009	-0.0037	2.50	PASS
				60.00	-6.7234	-4.4060	-7.1812	-0.0039	-0.0025	-0.0041	2.50	PASS

Test Band: 4 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	5.1212	22.5449	14.6341	0.0030	0.0130	0.0083	2.50	PASS
				NV	-25.9209	-15.9645	-24.4188	-0.0151	-0.0092	-0.0139	2.50	PASS
				HV	-22.7165	-19.2547	-18.7540	-0.0133	-0.0111	-0.0107	2.50	PASS
16QAM	15	0	NT	LV	13.9332	19.0401	11.7445	0.0081	0.0110	0.0067	2.50	PASS
				NV	-12.9032	-8.1539	-8.6403	-0.0075	-0.0047	-0.0049	2.50	PASS
				HV	-14.2622	-16.0932	-22.5449	-0.0083	-0.0093	-0.0129	2.50	PASS

Test Band: 4 3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-20.00	-25.8064	-11.0149	-9.9278	-0.0151	-0.0064	-0.0057	2.50	PASS
				-10.00	-10.8576	-6.5804	-3.2330	-0.0063	-0.0038	-0.0018	2.50	PASS
				0.00	-1.0443	-1.6594	0.2003	-0.0006	-0.0010	0.0001	2.50	PASS
				10.00	-0.8011	2.5177	-0.4578	-0.0005	0.0015	-0.0003	2.50	PASS
				20.00	-0.7582	-0.8869	0.4005	-0.0004	-0.0005	0.0002	2.50	PASS
				30.00	-1.8168	1.5593	-0.5293	-0.0011	0.0009	-0.0003	2.50	PASS
				40.00	-5.2500	-6.2084	-0.9727	-0.0031	-0.0036	-0.0006	2.50	PASS
				50.00	-0.1144	2.8038	0.5007	-0.0001	0.0016	0.0003	2.50	PASS
				60.00	4.2057	-6.1798	-2.1029	0.0025	-0.0036	-0.0012	2.50	PASS
16QAM	15	0	NV	-20.00	-14.1334	-12.3167	-9.4700	-0.0083	-0.0071	-0.0054	2.50	PASS
				-10.00	-11.0006	-6.7806	-7.3385	-0.0064	-0.0039	-0.0042	2.50	PASS
				0.00	-6.1083	-3.6049	-4.6062	-0.0036	-0.0021	-0.0026	2.50	PASS
				10.00	-8.9979	-5.1212	-6.1941	-0.0053	-0.0030	-0.0035	2.50	PASS
				20.00	-7.7248	-0.8726	-8.6403	-0.0045	-0.0005	-0.0049	2.50	PASS
				30.00	-4.3058	-5.9509	-6.7949	-0.0025	-0.0034	-0.0039	2.50	PASS
				40.00	-6.3658	-5.9080	-1.8168	-0.0037	-0.0034	-0.0010	2.50	PASS
				50.00	-2.0599	-6.7377	-7.8249	-0.0012	-0.0039	-0.0045	2.50	PASS
				60.00	-5.0211	-2.7609	-9.2697	-0.0029	-0.0016	-0.0053	2.50	PASS
Test Band: 4 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	-7.1383	12.4884	9.1553	-0.0042	0.0072	0.0052	2.50	PASS
				NV	-14.4339	-12.0163	-14.2479	-0.0084	-0.0069	-0.0081	2.50	PASS
				HV	-2.6178	-4.4918	-3.2759	-0.0015	-0.0026	-0.0019	2.50	PASS
16QAM	25	0	NT	LV	4.7779	8.2970	6.1655	0.0028	0.0048	0.0035	2.50	PASS

				NV	-10.4141	-17.4093	-12.3739	-0.0061	-0.0100	-0.0071	2.50	PASS
				HV	-9.7132	-8.0967	-6.6805	-0.0057	-0.0047	-0.0038	2.50	PASS

Test Band: 4 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-20.00	2.4891	-0.9871	-7.1526	0.0015	-0.0006	-0.0041	2.50	PASS
				-10.00	-1.5163	-3.1900	-2.9039	-0.0009	-0.0018	-0.0017	2.50	PASS
				0.00	-6.3086	-4.0197	-4.1199	-0.0037	-0.0023	-0.0024	2.50	PASS
				10.00	-2.6178	-2.1315	-1.6022	-0.0015	-0.0012	-0.0009	2.50	PASS
				20.00	-1.8311	-1.0729	-8.6689	-0.0011	-0.0006	-0.0049	2.50	PASS
				30.00	-2.2745	-5.5218	-5.9366	-0.0013	-0.0032	-0.0034	2.50	PASS
				40.00	-0.2289	-1.9312	-7.8964	-0.0001	-0.0011	-0.0045	2.50	PASS
				50.00	-3.6049	-1.0014	-5.2643	-0.0021	-0.0006	-0.0030	2.50	PASS
				60.00	-6.8665	-4.2057	-8.3542	-0.0040	-0.0024	-0.0048	2.50	PASS
16QAM	25	0	NV	-20.00	-7.1955	-4.0770	-4.7922	-0.0042	-0.0024	-0.0027	2.50	PASS
				-10.00	-2.0885	-6.3801	-8.0967	-0.0012	-0.0037	-0.0046	2.50	PASS
				0.00	-3.4618	-7.3671	-2.8181	-0.0020	-0.0043	-0.0016	2.50	PASS
				10.00	-6.3658	-4.5776	-4.4060	-0.0037	-0.0026	-0.0025	2.50	PASS
				20.00	-0.2718	-1.3876	-8.7118	-0.0002	-0.0008	-0.0050	2.50	PASS
				30.00	-4.5204	-6.8665	-1.4591	-0.0026	-0.0040	-0.0008	2.50	PASS
				40.00	-1.6737	-7.2098	-7.5388	-0.0010	-0.0042	-0.0043	2.50	PASS
				50.00	0.9012	-2.7037	-3.0470	0.0005	-0.0016	-0.0017	2.50	PASS
				60.00	-4.7350	-5.3501	-0.2575	-0.0028	-0.0031	-0.0001	2.50	PASS

Test Band: 4 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	-9.7704	1.3161	-2.1458	-0.0057	0.0008	-0.0012	2.50	PASS
				NV	-11.3297	-7.7820	-7.4530	-0.0066	-0.0045	-0.0043	2.50	PASS
				HV	-5.1785	-5.2643	-2.7037	-0.0030	-0.0030	-0.0015	2.50	PASS
16QAM	50	0	NT	LV	-7.1526	-3.7336	-4.6921	-0.0042	-0.0022	-0.0027	2.50	PASS
				NV	-5.6934	-4.4346	-2.5606	-0.0033	-0.0026	-0.0015	2.50	PASS
				HV	-9.1839	-1.5593	-4.0627	-0.0054	-0.0009	-0.0023	2.50	PASS

Test Band: 4 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-20.00	-6.3801	-1.5593	-7.4530	-0.0037	-0.0009	-0.0043	2.50	PASS
				-10.00	-6.1798	-1.9741	-8.1110	-0.0036	-0.0011	-0.0046	2.50	PASS
				0.00	-6.6662	-1.5593	-7.6818	-0.0039	-0.0009	-0.0044	2.50	PASS
				10.00	-8.0538	-0.2003	-5.3644	-0.0047	-0.0001	-0.0031	2.50	PASS
				20.00	-7.5531	-2.5606	-6.8665	-0.0044	-0.0015	-0.0039	2.50	PASS
				30.00	-5.8365	-6.2656	-4.2486	-0.0034	-0.0036	-0.0024	2.50	PASS
				40.00	-4.6635	-7.7105	-10.6859	-0.0027	-0.0045	-0.0061	2.50	PASS
				50.00	-11.4584	-3.5477	-6.3658	-0.0067	-0.0020	-0.0036	2.50	PASS
				60.00	-4.5919	-9.4271	-5.5075	-0.0027	-0.0054	-0.0031	2.50	PASS
16QAM	50	0	NV	-20.00	-4.3201	-0.5579	-6.8951	-0.0025	-0.0003	-0.0039	2.50	PASS
				-10.00	-0.3862	-5.1355	-4.0913	-0.0002	-0.0030	-0.0023	2.50	PASS
				0.00	-0.7439	-2.2602	-5.1069	-0.0004	-0.0013	-0.0029	2.50	PASS
				10.00	-1.0443	-1.5879	-6.2799	-0.0006	-0.0009	-0.0036	2.50	PASS
				20.00	-3.9339	-3.6335	-1.1301	-0.0023	-0.0021	-0.0006	2.50	PASS
				30.00	-6.8092	-2.7752	-5.8794	-0.0040	-0.0016	-0.0034	2.50	PASS

				40.00	-3.5906	-2.7609	-4.5776	-0.0021	-0.0016	-0.0026	2.50	PASS
				50.00	-5.2786	-5.9080	-1.0872	-0.0031	-0.0034	-0.0006	2.50	PASS
				60.00	-7.5245	-7.9536	-5.2500	-0.0044	-0.0046	-0.0030	2.50	PASS

Test Band: 4 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	-6.9952	-8.7261	-7.9823	-0.0041	-0.0050	-0.0046	2.50	PASS
				NV	-8.5258	-6.4945	-6.3944	-0.0050	-0.0037	-0.0037	2.50	PASS
				HV	-1.9741	-6.3801	-4.0197	-0.0011	-0.0037	-0.0023	2.50	PASS
16QAM	75	0	NT	LV	-7.5531	-4.6778	-5.3215	-0.0044	-0.0027	-0.0030	2.50	PASS
				NV	-1.3590	-5.9652	-6.7949	-0.0008	-0.0034	-0.0039	2.50	PASS
				HV	-5.6076	-5.9938	-9.0122	-0.0033	-0.0035	-0.0052	2.50	PASS

Test Band: 4 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-20.00	-5.3358	-7.4816	-6.0654	-0.0031	-0.0043	-0.0035	2.50	PASS
				-10.00	-11.8017	-3.5048	-8.7833	-0.0069	-0.0020	-0.0050	2.50	PASS
				0.00	-7.8106	-3.9339	-4.2629	-0.0045	-0.0023	-0.0024	2.50	PASS
				10.00	-4.1056	-5.9366	-5.4216	-0.0024	-0.0034	-0.0031	2.50	PASS
				20.00	-6.9523	-8.8120	-2.4891	-0.0040	-0.0051	-0.0014	2.50	PASS
				30.00	-8.9121	-8.5974	-2.6321	-0.0052	-0.0050	-0.0015	2.50	PASS
				40.00	-10.4427	-5.8365	-2.9039	-0.0061	-0.0034	-0.0017	2.50	PASS
				50.00	-5.9366	-7.7391	-10.6859	-0.0035	-0.0045	-0.0061	2.50	PASS
				60.00	-9.8419	-7.3814	-3.3331	-0.0057	-0.0043	-0.0019	2.50	PASS
16QAM	75	0	NV	-20.00	0.4864	-2.7609	-2.6321	0.0003	-0.0016	-0.0015	2.50	PASS
				-10.00	-2.0742	-4.7064	-7.4673	-0.0012	-0.0027	-0.0043	2.50	PASS
				0.00	-6.0225	-6.9094	-5.9795	-0.0035	-0.0040	-0.0034	2.50	PASS
				10.00	-6.7520	-6.0511	-4.3488	-0.0039	-0.0035	-0.0025	2.50	PASS
				20.00	-6.9666	-7.4387	-5.8508	-0.0041	-0.0043	-0.0033	2.50	PASS
				30.00	-2.8467	-6.9523	-7.3099	-0.0017	-0.0040	-0.0042	2.50	PASS
				40.00	-4.6492	-2.3031	-7.8106	-0.0027	-0.0013	-0.0045	2.50	PASS
				50.00	-5.1069	-1.1444	-2.4605	-0.0030	-0.0007	-0.0014	2.50	PASS
				60.00	-9.9850	-7.1955	-11.0006	-0.0058	-0.0042	-0.0063	2.50	PASS

Test Band: 4 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	-9.3269	-11.6873	-6.4516	-0.0054	-0.0067	-0.0037	2.50	PASS
				NV	-8.9836	-6.2799	-4.0340	-0.0052	-0.0036	-0.0023	2.50	PASS
				HV	-5.3644	-7.1239	-5.9509	-0.0031	-0.0041	-0.0034	2.50	PASS
16QAM	100	0	NT	LV	-7.9107	-4.4346	-7.2813	-0.0046	-0.0026	-0.0042	2.50	PASS
				NV	-3.1900	-9.9993	-3.2043	-0.0019	-0.0058	-0.0018	2.50	PASS
				HV	-5.2786	-7.9250	-4.1056	-0.0031	-0.0046	-0.0024	2.50	PASS

Test Band: 4 20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-20.00	-7.0524	-6.5804	-6.9809	-0.0041	-0.0038	-0.0040	2.50	PASS
				-10.00	-2.6464	-5.8222	-2.4176	-0.0015	-0.0034	-0.0014	2.50	PASS
				0.00	-10.6859	-8.5545	-1.9312	-0.0062	-0.0049	-0.0011	2.50	PASS

				10.00	-9.4700	-1.6022	-5.6505	-0.0055	-0.0009	-0.0032	2.50	PASS
				20.00	1.0729	-3.6192	-3.7479	0.0006	-0.0021	-0.0021	2.50	PASS
				30.00	-6.3229	-6.9237	-5.0211	-0.0037	-0.0040	-0.0029	2.50	PASS
				40.00	-2.6751	-8.6117	-1.2732	-0.0016	-0.0050	-0.0007	2.50	PASS
				50.00	-5.4216	-4.8494	-1.6451	-0.0032	-0.0028	-0.0009	2.50	PASS
				60.00	-6.0940	-2.9469	-1.8454	-0.0035	-0.0017	-0.0011	2.50	PASS
16QAM	100	0	NV	-20.00	-7.2241	-2.8753	-3.3331	-0.0042	-0.0017	-0.0019	2.50	PASS
				-10.00	-11.0149	-2.4748	-7.9966	-0.0064	-0.0014	-0.0046	2.50	PASS
				0.00	-6.4087	-8.3971	-4.3917	-0.0037	-0.0048	-0.0025	2.50	PASS
				10.00	-6.5804	-7.8964	-5.4789	-0.0038	-0.0046	-0.0031	2.50	PASS
				20.00	-4.6062	-2.8753	-2.4748	-0.0027	-0.0017	-0.0014	2.50	PASS
				30.00	-10.0279	-5.9938	-9.9707	-0.0058	-0.0035	-0.0057	2.50	PASS
				40.00	-8.5115	-1.2875	-3.8338	-0.0049	-0.0007	-0.0022	2.50	PASS
				50.00	-5.5933	0.6866	0.6723	-0.0033	0.0004	0.0004	2.50	PASS
				60.00	-4.4346	-1.2016	-4.1056	-0.0026	-0.0007	-0.0024	2.50	PASS

Band 5

Test Band: 5_ 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	7.4387	3.0327	9.7418	0.0090	0.0036	0.0115	2.50	PASS
				NV	-8.9121	-13.5183	-19.0830	-0.0108	-0.0162	-0.0225	2.50	PASS
				HV	-11.7588	-14.3051	-17.1232	-0.0143	-0.0171	-0.0202	2.50	PASS
16QAM	6	0	NT	LV	6.6948	-1.9741	3.9196	0.0081	-0.0024	0.0046	2.50	PASS
				NV	-8.0395	-7.0238	-11.9591	-0.0097	-0.0084	-0.0141	2.50	PASS
				HV	-10.5858	-20.1273	-13.7186	-0.0128	-0.0241	-0.0162	2.50	PASS

Test Band: 5_ 1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-20.00	-9.1839	-10.5429	-13.1464	-0.0111	-0.0126	-0.0155	2.50	PASS
				-10.00	-0.9727	-6.0797	-5.9080	-0.0012	-0.0073	-0.0070	2.50	PASS
				0.00	-9.0408	-5.5933	-3.5191	-0.0110	-0.0067	-0.0041	2.50	PASS
				10.00	-7.8964	-6.8665	-4.3488	-0.0096	-0.0082	-0.0051	2.50	PASS
				20.00	-7.4959	-3.1328	-2.4748	-0.0091	-0.0037	-0.0029	2.50	PASS
				30.00	-2.8038	-5.7507	-3.0899	-0.0034	-0.0069	-0.0036	2.50	PASS
				40.00	-3.5191	-7.2098	-5.3358	-0.0043	-0.0086	-0.0063	2.50	PASS
				50.00	-9.6273	-4.6062	-5.4932	-0.0117	-0.0055	-0.0065	2.50	PASS
				60.00	-5.2071	-6.5660	-1.9741	-0.0063	-0.0078	-0.0023	2.50	PASS
16QAM	6	0	NV	-20.00	-4.4060	-13.5326	-8.5115	-0.0053	-0.0162	-0.0100	2.50	PASS
				-10.00	-6.8378	-6.6376	-3.9196	-0.0083	-0.0079	-0.0046	2.50	PASS
				0.00	-3.9339	-2.9755	-5.3072	-0.0048	-0.0036	-0.0063	2.50	PASS
				10.00	0.6294	-5.2786	-2.2745	0.0008	-0.0063	-0.0027	2.50	PASS
				20.00	-5.2500	-3.6335	-1.3304	-0.0064	-0.0043	-0.0016	2.50	PASS
				30.00	-2.5034	-6.8951	-0.8440	-0.0030	-0.0082	-0.0010	2.50	PASS
				40.00	-2.3890	-3.9625	-3.6478	-0.0029	-0.0047	-0.0043	2.50	PASS
				50.00	-6.2084	-4.1199	-8.7261	-0.0075	-0.0049	-0.0103	2.50	PASS
				60.00	-3.3760	-5.8937	-7.5531	-0.0041	-0.0070	-0.0089	2.50	PASS

Test Band: 5_ 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		

QPSK	15	0	NT	LV	8.5974	3.8338	4.1485	0.0104	0.0046	0.0049	2.50	PASS
				NV	-9.5987	-9.5415	-16.1648	-0.0116	-0.0114	-0.0191	2.50	PASS
				HV	-12.4884	-18.1961	-15.1920	-0.0151	-0.0218	-0.0179	2.50	PASS
16QAM	15	0	NT	LV	6.6805	8.5974	1.6737	0.0081	0.0103	0.0020	2.50	PASS
				NV	-0.3862	-7.5388	-14.2479	-0.0005	-0.0090	-0.0168	2.50	PASS
				HV	-8.5545	-11.3583	-15.1777	-0.0104	-0.0136	-0.0179	2.50	PASS

Test Band: 5 3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-20.00	-6.2513	-13.5469	-10.8576	-0.0076	-0.0162	-0.0128	2.50	PASS
				-10.00	-5.8937	-3.8767	-5.1641	-0.0071	-0.0046	-0.0061	2.50	PASS
				0.00	-12.2881	-4.7922	1.9884	-0.0149	-0.0057	0.0023	2.50	PASS
				10.00	-2.6321	-2.9469	-2.4605	-0.0032	-0.0035	-0.0029	2.50	PASS
				20.00	-7.2384	-4.5490	-2.3603	-0.0088	-0.0054	-0.0028	2.50	PASS
				30.00	-6.1083	-7.7391	-1.6308	-0.0074	-0.0093	-0.0019	2.50	PASS
				40.00	-1.5736	-4.4489	-5.0354	-0.0019	-0.0053	-0.0059	2.50	PASS
				50.00	-7.1669	-1.7738	-6.2656	-0.0087	-0.0021	-0.0074	2.50	PASS
				60.00	-9.8848	-5.7936	-5.7364	-0.0120	-0.0069	-0.0068	2.50	PASS
16QAM	15	0	NV	-20.00	-6.5947	-7.7534	-9.5701	-0.0080	-0.0093	-0.0113	2.50	PASS
				-10.00	-3.0470	-10.8290	-6.0940	-0.0037	-0.0129	-0.0072	2.50	PASS
				0.00	-3.0184	-7.5531	-5.0211	-0.0037	-0.0090	-0.0059	2.50	PASS
				10.00	-3.9339	-5.7936	0.6723	-0.0048	-0.0069	0.0008	2.50	PASS
				20.00	-2.5606	-7.0381	-0.7153	-0.0031	-0.0084	-0.0008	2.50	PASS
				30.00	-6.8092	-5.5361	-5.9795	-0.0082	-0.0066	-0.0071	2.50	PASS
				40.00	-5.0354	-6.6090	-5.3358	-0.0061	-0.0079	-0.0063	2.50	PASS
				50.00	-8.1253	-5.4073	-6.9523	-0.0098	-0.0065	-0.0082	2.50	PASS
				60.00	-5.3930	-6.2370	-5.8365	-0.0065	-0.0075	-0.0069	2.50	PASS

Test Band: 5 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	-2.3460	0.2861	-10.2139	-0.0028	0.0003	-0.0121	2.50	PASS
				NV	-10.8433	-11.7302	0.8440	-0.0131	-0.0140	0.0010	2.50	PASS
				HV	-8.3542	-3.7766	-13.7758	-0.0101	-0.0045	-0.0163	2.50	PASS
16QAM	25	0	NT	LV	-1.8740	-1.9312	-2.0742	-0.0023	-0.0023	-0.0025	2.50	PASS
				NV	-7.5245	-11.2867	-12.6457	-0.0091	-0.0135	-0.0149	2.50	PASS
				HV	-6.4373	-17.6382	-6.7949	-0.0078	-0.0211	-0.0080	2.50	PASS

Test Band: 5 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-20.00	-5.1355	-8.0967	-8.6975	-0.0062	-0.0097	-0.0103	2.50	PASS
				-10.00	-7.3528	-5.0354	-3.5620	-0.0089	-0.0060	-0.0042	2.50	PASS
				0.00	-7.7820	-6.0081	-3.6335	-0.0094	-0.0072	-0.0043	2.50	PASS
				10.00	-4.1771	-3.5763	-5.5647	-0.0051	-0.0043	-0.0066	2.50	PASS
				20.00	-7.4959	-5.1498	-6.4802	-0.0091	-0.0062	-0.0077	2.50	PASS
				30.00	-5.9509	-4.6635	-5.1355	-0.0072	-0.0056	-0.0061	2.50	PASS
				40.00	-7.3957	-5.0926	-5.4789	-0.0089	-0.0061	-0.0065	2.50	PASS
				50.00	-5.9509	-1.9741	-9.5558	-0.0072	-0.0024	-0.0113	2.50	PASS
				60.00	-2.2888	-9.1553	-15.2206	-0.0028	-0.0109	-0.0180	2.50	PASS
16QAM	25	0	NV	-20.00	-6.3515	-4.4060	-6.5517	-0.0077	-0.0053	-0.0077	2.50	PASS
				-10.00	-7.7391	-5.3644	-7.1812	-0.0094	-0.0064	-0.0085	2.50	PASS

				0.00	-10.4713	-6.3944	-6.9237	-0.0127	-0.0076	-0.0082	2.50	PASS
				10.00	-8.3971	-4.2915	-8.2684	-0.0102	-0.0051	-0.0098	2.50	PASS
				20.00	-6.8522	-3.6621	-6.0511	-0.0083	-0.0044	-0.0071	2.50	PASS
				30.00	-6.1512	-8.9407	-9.0408	-0.0074	-0.0107	-0.0107	2.50	PASS
				40.00	-4.9925	-6.7806	-5.1785	-0.0060	-0.0081	-0.0061	2.50	PASS
				50.00	-8.5831	-5.9652	-7.5531	-0.0104	-0.0071	-0.0089	2.50	PASS
				60.00	-4.6349	-4.8208	-10.0279	-0.0056	-0.0058	-0.0118	2.50	PASS

Test Band: 5_10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	-6.4945	-4.0054	-4.4489	-0.0078	-0.0048	-0.0053	2.50	PASS
				NV	-6.8378	-8.5402	-4.3631	-0.0082	-0.0102	-0.0052	2.50	PASS
				HV	-8.2541	-7.6818	-6.8665	-0.0100	-0.0092	-0.0081	2.50	PASS
16QAM	50	0	NT	LV	-6.5804	-5.8651	-7.3671	-0.0079	-0.0070	-0.0087	2.50	PASS
				NV	-6.5804	-2.8038	-5.6505	-0.0079	-0.0034	-0.0067	2.50	PASS
				HV	-6.2799	-6.3229	-6.9380	-0.0076	-0.0076	-0.0082	2.50	PASS

Test Band: 5_10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-20.00	-8.1539	-5.9509	-4.8923	-0.0098	-0.0071	-0.0058	2.50	PASS
				-10.00	-5.8794	-3.8052	-5.1785	-0.0071	-0.0045	-0.0061	2.50	PASS
				0.00	-4.8494	-5.5075	-7.4959	-0.0058	-0.0066	-0.0089	2.50	PASS
				10.00	-12.5599	-8.6975	-6.6519	-0.0152	-0.0104	-0.0079	2.50	PASS
				20.00	-6.2513	-5.8365	-6.9809	-0.0075	-0.0070	-0.0083	2.50	PASS
				30.00	-6.4802	-5.5647	-3.7909	-0.0078	-0.0067	-0.0045	2.50	PASS
				40.00	-6.7663	-5.6648	-4.2915	-0.0082	-0.0068	-0.0051	2.50	PASS
				50.00	-7.5388	-6.2799	-5.1212	-0.0091	-0.0075	-0.0061	2.50	PASS
				60.00	-6.5374	-6.6805	-8.1396	-0.0079	-0.0080	-0.0096	2.50	PASS
16QAM	50	0	NV	-20.00	-6.7663	-6.7091	-6.5231	-0.0082	-0.0080	-0.0077	2.50	PASS
				-10.00	-7.4244	-4.6206	-8.6832	-0.0090	-0.0055	-0.0103	2.50	PASS
				0.00	-5.1355	-7.4100	-6.8235	-0.0062	-0.0089	-0.0081	2.50	PASS
				10.00	-5.0783	-8.7690	-6.9380	-0.0061	-0.0105	-0.0082	2.50	PASS
				20.00	-6.9094	-3.6764	-8.2827	-0.0083	-0.0044	-0.0098	2.50	PASS
				30.00	-5.6934	-2.0885	-5.2500	-0.0069	-0.0025	-0.0062	2.50	PASS
				40.00	-7.6675	-6.5947	-6.8378	-0.0092	-0.0079	-0.0081	2.50	PASS
				50.00	-8.3399	-3.4046	-6.4373	-0.0101	-0.0041	-0.0076	2.50	PASS
				60.00	-7.3385	-3.7479	-6.1083	-0.0089	-0.0045	-0.0072	2.50	PASS

Band 7

Test Band: 7 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	-7.0810	19.6409	4.3774	-0.0028	0.0077	0.0017	2.50	PASS
				NV	-13.2036	-15.3494	-21.8153	-0.0053	-0.0061	-0.0085	2.50	PASS
				HV	-2.9039	-6.8808	-5.2929	-0.0012	-0.0027	-0.0021	2.50	PASS
16QAM	25	0	NT	LV	-3.1900	10.8290	-15.0919	-0.0013	0.0043	-0.0059	2.50	PASS
				NV	-12.8460	-14.0333	-10.0279	-0.0051	-0.0055	-0.0039	2.50	PASS
				HV	-2.6751	-3.8052	-4.6921	-0.0011	-0.0015	-0.0018	2.50	PASS

Test Band: 7 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-20.00	2.6035	-9.1839	-1.7166	0.0010	-0.0036	-0.0007	2.50	PASS
				-10.00	-4.2772	7.0524	5.2643	-0.0017	0.0028	0.0021	2.50	PASS
				0.00	-3.1757	-4.3201	6.1798	-0.0013	-0.0017	0.0024	2.50	PASS
				10.00	-9.9421	1.9598	-0.9441	-0.0040	0.0008	-0.0004	2.50	PASS
				20.00	-6.3086	-7.9250	-11.5156	-0.0025	-0.0031	-0.0045	2.50	PASS
				30.00	-7.3242	-8.9693	-0.7439	-0.0029	-0.0035	-0.0003	2.50	PASS
				40.00	-3.8338	-2.8038	-3.9196	-0.0015	-0.0011	-0.0015	2.50	PASS
				50.00	-7.8964	2.1029	-6.3086	-0.0032	0.0008	-0.0025	2.50	PASS
				60.00	-1.0729	-0.5579	-11.9591	-0.0004	-0.0002	-0.0047	2.50	PASS
16QAM	25	0	NV	-20.00	6.9237	2.5034	-1.9598	0.0028	0.0010	-0.0008	2.50	PASS
				-10.00	-4.7207	-0.5150	0.0858	-0.0019	-0.0002	0.0000	2.50	PASS
				0.00	-0.2575	8.4829	1.1444	-0.0001	0.0033	0.0004	2.50	PASS
				10.00	4.4346	-11.2009	-6.0081	0.0018	-0.0044	-0.0023	2.50	PASS
				20.00	0.2718	-8.8692	-4.8208	0.0001	-0.0035	-0.0019	2.50	PASS
				30.00	-7.1669	-9.5272	-1.6737	-0.0029	-0.0038	-0.0007	2.50	PASS
				40.00	-5.4932	-16.6082	-5.2500	-0.0022	-0.0066	-0.0020	2.50	PASS
				50.00	-8.8120	8.0109	-13.5469	-0.0035	0.0032	-0.0053	2.50	PASS
				60.00	-9.0265	-0.0286	0.2289	-0.0036	0.0000	0.0001	2.50	PASS

Test Band: 7_10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	-5.2786	-1.8454	-8.8120	-0.0021	-0.0007	-0.0034	2.50	PASS
				NV	-2.2030	-12.6028	-8.1682	-0.0009	-0.0050	-0.0032	2.50	PASS
				HV	-2.2316	-4.5204	-10.1423	-0.0009	-0.0018	-0.0040	2.50	PASS
16QAM	50	0	NT	LV	-1.5020	-1.7166	-10.2425	-0.0006	-0.0007	-0.0040	2.50	PASS
				NV	-4.5776	-5.9366	-1.5306	-0.0018	-0.0023	-0.0006	2.50	PASS
				HV	3.0327	-4.9210	0.5865	0.0012	-0.0019	0.0002	2.50	PASS

Test Band: 7_10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-20.00	1.5879	-7.9966	-0.8297	0.0006	-0.0032	-0.0003	2.50	PASS
				-10.00	-7.3242	-0.0715	-4.4489	-0.0029	0.0000	-0.0017	2.50	PASS
				0.00	-2.7037	-6.4802	-11.4727	-0.0011	-0.0026	-0.0045	2.50	PASS
				10.00	-6.6519	-2.6035	-6.3801	-0.0027	-0.0010	-0.0025	2.50	PASS
				20.00	-0.9871	-7.0667	-7.5531	-0.0004	-0.0028	-0.0029	2.50	PASS
				30.00	-1.7595	-8.0967	-8.5545	-0.0007	-0.0032	-0.0033	2.50	PASS

16QAM	50	0	NV	40.00	-6.5660	-3.4332	-8.2397	-0.0026	-0.0014	-0.0032	2.50	PASS
				50.00	-4.3344	-8.7833	-7.0524	-0.0017	-0.0035	-0.0027	2.50	PASS
				60.00	-5.0211	-12.9604	0.3862	-0.0020	-0.0051	0.0002	2.50	PASS
				-20.00	-3.1185	-11.2152	-3.4046	-0.0012	-0.0044	-0.0013	2.50	PASS
				-10.00	-3.7193	-1.4877	0.6866	-0.0015	-0.0006	0.0003	2.50	PASS
				0.00	3.7909	-7.0667	-1.1158	0.0015	-0.0028	-0.0004	2.50	PASS
				10.00	-6.5660	-7.4387	-2.2888	-0.0026	-0.0029	-0.0009	2.50	PASS
				20.00	-10.7002	-9.5844	-12.5170	-0.0043	-0.0038	-0.0049	2.50	PASS
				30.00	-12.0163	0.0715	-1.6022	-0.0048	0.0000	-0.0006	2.50	PASS
				40.00	0.3004	-7.9393	-3.9196	0.0001	-0.0031	-0.0015	2.50	PASS
				50.00	-2.8467	-15.3923	2.1315	-0.0011	-0.0061	0.0008	2.50	PASS
				60.00	5.1785	-7.3671	-4.6635	0.0021	-0.0029	-0.0018	2.50	PASS

Test Band: 7 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	-1.6737	-5.7507	-6.9952	-0.0007	-0.0023	-0.0027	2.50	PASS
				NV	5.5218	-0.9441	-12.3882	0.0022	-0.0004	-0.0048	2.50	PASS
				HV	-3.2616	-8.2541	-2.5749	-0.0013	-0.0033	-0.0010	2.50	PASS
16QAM	75	0	NT	LV	0.1431	-4.8065	-14.8058	0.0001	-0.0019	-0.0058	2.50	PASS
				NV	-1.9598	-7.5245	-4.4918	-0.0008	-0.0030	-0.0018	2.50	PASS
				HV	-1.3590	-1.0157	-9.6273	-0.0005	-0.0004	-0.0038	2.50	PASS

Test Band: 7 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-20.00	2.0170	4.1342	-0.9727	0.0008	0.0016	-0.0004	2.50	PASS
				-10.00	-3.0327	-6.8378	-4.1199	-0.0012	-0.0027	-0.0016	2.50	PASS
				0.00	-2.7037	1.7738	-2.5606	-0.0011	0.0007	-0.0010	2.50	PASS
				10.00	-6.5374	-1.9026	-0.3862	-0.0026	-0.0008	-0.0002	2.50	PASS
				20.00	-4.5204	-7.3957	-4.3201	-0.0018	-0.0029	-0.0017	2.50	PASS
				30.00	-5.1641	-2.7323	-5.5647	-0.0021	-0.0011	-0.0022	2.50	PASS
				40.00	-10.7718	-2.8324	-5.9223	-0.0043	-0.0011	-0.0023	2.50	PASS
				50.00	-6.0654	1.7452	1.7023	-0.0024	0.0007	0.0007	2.50	PASS
				60.00	-2.2459	0.7296	-6.3944	-0.0009	0.0003	-0.0025	2.50	PASS
16QAM	75	0	NV	-20.00	-6.6519	-3.3760	-0.8583	-0.0027	-0.0013	-0.0003	2.50	PASS
				-10.00	-1.0443	-3.0041	-2.8896	-0.0004	-0.0012	-0.0011	2.50	PASS
				0.00	0.8011	-9.9278	-6.4802	0.0003	-0.0039	-0.0025	2.50	PASS
				10.00	-5.7650	-5.0497	-2.7037	-0.0023	-0.0020	-0.0011	2.50	PASS
				20.00	3.2187	-3.5763	-7.3671	0.0013	-0.0014	-0.0029	2.50	PASS
				30.00	-1.0300	-10.2997	-1.9169	-0.0004	-0.0041	-0.0007	2.50	PASS
				40.00	-8.1968	-3.3474	-5.8508	-0.0033	-0.0013	-0.0023	2.50	PASS
				50.00	0.2432	-5.9080	-3.2330	0.0001	-0.0023	-0.0013	2.50	PASS
				60.00	-1.6594	-4.6921	2.6608	-0.0007	-0.0019	0.0010	2.50	PASS

Test Band: 7 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	1.8883	-2.6608	-10.3283	0.0008	-0.0010	-0.0040	2.50	PASS
				NV	8.0681	-2.5463	-9.7847	0.0032	-0.0010	-0.0038	2.50	PASS
				HV	-1.8311	-1.9741	-5.4502	-0.0007	-0.0008	-0.0021	2.50	PASS
16QAM	100	0	NT	LV	-1.7595	-9.4986	-7.3528	-0.0007	-0.0037	-0.0029	2.50	PASS
				NV	-7.8106	-13.4182	-16.1076	-0.0031	-0.0053	-0.0063	2.50	PASS

				HV	-4.5061	-12.4168	-2.0885	-0.0018	-0.0049	-0.0008	2.50	PASS
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Test Band: 7_ 20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-20.00	-2.6894	-4.7207	-15.8215	-0.0011	-0.0019	-0.0062	2.50	PASS
				-10.00	-2.2173	4.0627	-9.7704	-0.0009	0.0016	-0.0038	2.50	PASS
				0.00	-9.4986	-2.4891	-6.6805	-0.0038	-0.0010	-0.0026	2.50	PASS
				10.00	-10.4570	-4.8780	-13.1178	-0.0042	-0.0019	-0.0051	2.50	PASS
				20.00	-3.1042	-7.7105	-9.6989	-0.0012	-0.0030	-0.0038	2.50	PASS
				30.00	-5.8794	-3.9196	-10.6716	-0.0023	-0.0015	-0.0042	2.50	PASS
				40.00	-12.8460	-4.1485	-4.4632	-0.0051	-0.0016	-0.0017	2.50	PASS
				50.00	-6.8522	0.6866	-7.7105	-0.0027	0.0003	-0.0030	2.50	PASS
16QAM	100	0	NV	60.00	-6.6519	-4.6349	-9.5558	-0.0027	-0.0018	-0.0037	2.50	PASS
				-20.00	-0.0429	-6.9380	2.2030	0.0000	-0.0027	0.0009	2.50	PASS
				-10.00	3.3474	1.8168	-11.3010	0.0013	0.0007	-0.0044	2.50	PASS
				0.00	-12.5742	0.0143	-6.8665	-0.0050	0.0000	-0.0027	2.50	PASS
				10.00	-6.5517	-6.0081	-7.3385	-0.0026	-0.0024	-0.0029	2.50	PASS
				20.00	-5.7936	-4.4632	-6.6090	-0.0023	-0.0018	-0.0026	2.50	PASS
				30.00	-5.1641	-3.0184	-2.8324	-0.0021	-0.0012	-0.0011	2.50	PASS
				40.00	-6.2513	2.1315	-4.3058	-0.0025	0.0008	-0.0017	2.50	PASS
				50.00	-6.4802	-3.7909	-11.9448	-0.0026	-0.0015	-0.0047	2.50	PASS
				60.00	0.2861	-11.9305	0.3004	0.0001	-0.0047	0.0001	2.50	PASS

Band 13

Test Band: 13_ 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	-2.9325	0.1574	0.0572	-0.0038	0.0002	0.0001	2.50	PASS
				NV	-11.0149	-14.6055	-15.9359	-0.0141	-0.0187	-0.0203	2.50	PASS
				HV	-6.7377	-6.2942	-9.3412	-0.0086	-0.0080	-0.0119	2.50	PASS
16QAM	25	0	NT	LV	-5.3072	3.2187	0.6151	-0.0068	0.0041	0.0008	2.50	PASS
				NV	-11.1866	-11.0006	-17.8814	-0.0144	-0.0141	-0.0228	2.50	PASS
				HV	-6.6948	-7.8964	-6.1655	-0.0086	-0.0101	-0.0079	2.50	PASS

Test Band: 13_ 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-20.00	-6.3658	-9.7990	-2.6894	-0.0082	-0.0125	-0.0034	2.50	PASS
				-10.00	-7.8964	-8.0681	-3.8767	-0.0101	-0.0103	-0.0049	2.50	PASS
				0.00	-7.6246	-9.4700	-7.6532	-0.0098	-0.0121	-0.0098	2.50	PASS
				10.00	-8.5258	-8.4257	-8.9407	-0.0109	-0.0108	-0.0114	2.50	PASS
				20.00	-9.3698	-7.0095	-7.4816	-0.0120	-0.0090	-0.0095	2.50	PASS
				30.00	-1.4019	-13.1750	-6.4373	-0.0018	-0.0168	-0.0082	2.50	PASS
				40.00	-9.7704	-4.4632	-5.6648	-0.0125	-0.0057	-0.0072	2.50	PASS
				50.00	-7.7105	0.1574	-7.5817	-0.0099	0.0002	-0.0097	2.50	PASS
16QAM	25	0	NV	60.00	-9.1839	-8.7547	-9.0694	-0.0118	-0.0112	-0.0116	2.50	PASS
				-20.00	-8.1825	-5.5218	-9.1124	-0.0105	-0.0071	-0.0116	2.50	PASS
				-10.00	-6.1655	-4.6206	-6.7949	-0.0079	-0.0059	-0.0087	2.50	PASS
				0.00	-8.9836	-6.6662	-9.5129	-0.0115	-0.0085	-0.0121	2.50	PASS
				10.00	-10.0708	-5.0068	-7.9679	-0.0129	-0.0064	-0.0102	2.50	PASS
				20.00	-3.8624	-3.3617	-6.9523	-0.0050	-0.0043	-0.0089	2.50	PASS

				30.00	-8.0681	-4.1199	-7.8535	-0.0104	-0.0053	-0.0100	2.50	PASS
				40.00	-3.2759	-5.6505	-7.2241	-0.0042	-0.0072	-0.0092	2.50	PASS
				50.00	-11.7588	-2.6894	-0.5293	-0.0151	-0.0034	-0.0007	2.50	PASS
				60.00	-9.4128	-7.1239	-5.1355	-0.0121	-0.0091	-0.0065	2.50	PASS

Test Band: 13 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	/	-7.7677	/	/	-0.0099	/	2.50	PASS
				NV	/	-5.4359	/	/	-0.0070	/	2.50	PASS
				HV	/	-8.0824	/	/	-0.0103	/	2.50	PASS
16QAM	50	0	NT	LV	/	-3.9768	/	/	-0.0051	/	2.50	PASS
				NV	/	-3.9625	/	/	-0.0051	/	2.50	PASS
				HV	/	-4.1342	/	/	-0.0053	/	2.50	PASS

Test Band: 13 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-20.00	/	-8.5831	/	/	-0.0110	/	2.50	PASS
				-10.00	/	-6.3801	/	/	-0.0082	/	2.50	PASS
				0.00	/	-8.1396	/	/	-0.0104	/	2.50	PASS
				10.00	/	-6.7663	/	/	-0.0087	/	2.50	PASS
				20.00	/	-5.6648	/	/	-0.0072	/	2.50	PASS
				30.00	/	-5.5504	/	/	-0.0071	/	2.50	PASS
				40.00	/	-7.1526	/	/	-0.0091	/	2.50	PASS
				50.00	/	-5.1785	/	/	-0.0066	/	2.50	PASS
				60.00	/	-7.5102	/	/	-0.0096	/	2.50	PASS
16QAM	50	0	NV	-20.00	/	-5.1498	/	/	-0.0066	/	2.50	PASS
				-10.00	/	-5.8079	/	/	-0.0074	/	2.50	PASS
				0.00	/	-5.3358	/	/	-0.0068	/	2.50	PASS
				10.00	/	-5.4646	/	/	-0.0070	/	2.50	PASS
				20.00	/	-4.5633	/	/	-0.0058	/	2.50	PASS
				30.00	/	-6.1798	/	/	-0.0079	/	2.50	PASS
				40.00	/	-3.1471	/	/	-0.0040	/	2.50	PASS
				50.00	/	-10.0136	/	/	-0.0128	/	2.50	PASS
				60.00	/	-6.1655	/	/	-0.0079	/	2.50	PASS

Band 17

Test Band: 17 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	-4.5490	2.6035	2.1172	-0.0064	0.0037	0.0030	2.50	PASS
				NV	-11.0006	-7.4244	-14.1334	-0.0156	-0.0105	-0.0198	2.50	PASS
				HV	-3.6907	-7.7105	-7.2098	-0.0052	-0.0109	-0.0101	2.50	PASS
16QAM	25	0	NT	LV	-4.6635	3.9053	-1.9598	-0.0066	0.0055	-0.0027	2.50	PASS
				NV	-13.2465	-12.3596	-11.1580	-0.0187	-0.0174	-0.0156	2.50	PASS
				HV	-6.6233	-5.6934	-7.7820	-0.0094	-0.0080	-0.0109	2.50	PASS

Test Band: 17 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		

QPSK	25	0	NV	-20.00	-3.5048	-2.9182	-10.2854	-0.0050	-0.0041	-0.0144	2.50	PASS
				-10.00	-1.8740	-6.7520	-5.4216	-0.0027	-0.0095	-0.0076	2.50	PASS
				0.00	-5.7507	-3.3903	-6.6090	-0.0081	-0.0048	-0.0093	2.50	PASS
				10.00	-8.2254	-6.9237	-6.0797	-0.0116	-0.0098	-0.0085	2.50	PASS
				20.00	-5.4359	-9.7418	-10.7145	-0.0077	-0.0137	-0.0150	2.50	PASS
				30.00	-4.8923	-3.6192	-7.4244	-0.0069	-0.0051	-0.0104	2.50	PASS
				40.00	-2.5892	-7.4816	-9.0265	-0.0037	-0.0105	-0.0127	2.50	PASS
				50.00	-3.0470	-4.6062	-7.4100	-0.0043	-0.0065	-0.0104	2.50	PASS
				60.00	-5.1498	-1.0872	-5.6219	-0.0073	-0.0015	-0.0079	2.50	PASS
16QAM	25	0	NV	-20.00	-2.0313	-5.9652	-9.7990	-0.0029	-0.0084	-0.0137	2.50	PASS
				-10.00	-4.1485	-5.4502	-9.0551	-0.0059	-0.0077	-0.0127	2.50	PASS
				0.00	-6.7377	-5.9795	-4.9782	-0.0095	-0.0084	-0.0070	2.50	PASS
				10.00	-6.5947	-5.2929	-5.8079	-0.0093	-0.0075	-0.0081	2.50	PASS
				20.00	-2.3890	-7.8821	-7.3957	-0.0034	-0.0111	-0.0104	2.50	PASS
				30.00	-5.9652	-7.9966	-11.5013	-0.0084	-0.0113	-0.0161	2.50	PASS
				40.00	-8.1825	-4.5490	-8.3542	-0.0116	-0.0064	-0.0117	2.50	PASS
				50.00	-7.0524	-0.9871	-10.8719	-0.0100	-0.0014	-0.0152	2.50	PASS
				60.00	-5.0211	-5.4502	-5.2929	-0.0071	-0.0077	-0.0074	2.50	PASS

Test Band: 17 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	-6.6805	-4.7207	-3.8338	-0.0094	-0.0066	-0.0054	2.50	PASS
				NV	-6.0225	-4.1771	-7.7820	-0.0085	-0.0059	-0.0109	2.50	PASS
				HV	-3.8195	-7.5245	-3.9053	-0.0054	-0.0106	-0.0055	2.50	PASS
16QAM	50	0	NT	LV	-4.6349	-0.3576	-6.7520	-0.0065	-0.0005	-0.0095	2.50	PASS
				NV	-5.3930	-7.7820	-4.3917	-0.0076	-0.0110	-0.0062	2.50	PASS
				HV	-5.5075	-5.0068	-6.0511	-0.0078	-0.0071	-0.0085	2.50	PASS

Test Band: 17 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-20.00	-4.3201	-1.0729	-5.5361	-0.0061	-0.0015	-0.0078	2.50	PASS
				-10.00	-7.3242	-4.9353	-7.5388	-0.0103	-0.0070	-0.0106	2.50	PASS
				0.00	-5.2214	-7.4816	-8.4114	-0.0074	-0.0105	-0.0118	2.50	PASS
				10.00	-6.2942	-3.0756	-8.4400	-0.0089	-0.0043	-0.0119	2.50	PASS
				20.00	-2.8753	-3.9625	-6.2656	-0.0041	-0.0056	-0.0088	2.50	PASS
				30.00	-3.7193	-5.3358	-5.8365	-0.0052	-0.0075	-0.0082	2.50	PASS
				40.00	-4.7779	-3.0756	-5.6505	-0.0067	-0.0043	-0.0079	2.50	PASS
				50.00	-6.1226	-5.7077	-8.4829	-0.0086	-0.0080	-0.0119	2.50	PASS
				60.00	-6.4087	-2.0885	-6.4516	-0.0090	-0.0029	-0.0091	2.50	PASS
16QAM	50	0	NV	-20.00	-5.2071	-6.5804	-4.2772	-0.0073	-0.0093	-0.0060	2.50	PASS
				-10.00	-6.8522	-6.6805	-5.5790	-0.0097	-0.0094	-0.0078	2.50	PASS
				0.00	-6.6090	-7.0667	-6.8235	-0.0093	-0.0100	-0.0096	2.50	PASS
				10.00	-6.1655	-8.8835	-4.3201	-0.0087	-0.0125	-0.0061	2.50	PASS
				20.00	-4.0340	-3.5906	-6.7806	-0.0057	-0.0051	-0.0095	2.50	PASS
				30.00	-7.3528	-1.7166	-6.1512	-0.0104	-0.0024	-0.0087	2.50	PASS
				40.00	-7.1239	-3.4189	-7.2670	-0.0100	-0.0048	-0.0102	2.50	PASS
				50.00	-5.6076	-5.4502	-6.2513	-0.0079	-0.0077	-0.0088	2.50	PASS
				60.00	-5.5218	-3.7479	-5.8508	-0.0078	-0.0053	-0.0082	2.50	PASS

Band 38

Test Band: 38 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test	Test	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit	Verdict

	Size	Offset	Temp.	Volt.	LCH	MCH	HCH	LCH	MCH	HCH	(ppm)	
QPSK	25	0	NT	LV	12.5170	7.9250	11.6444	0.0049	0.0031	0.0044	2.50	PASS
				NV	-14.6341	-7.3671	-0.0858	-0.0057	-0.0028	0.0000	2.50	PASS
				HV	-16.5367	-21.4720	-14.1764	-0.0064	-0.0083	-0.0054	2.50	PASS
16QAM	25	0	NT	LV	2.0456	13.1035	7.4816	0.0008	0.0050	0.0029	2.50	PASS
				NV	-5.9080	-12.6028	-12.6457	-0.0023	-0.0049	-0.0048	2.50	PASS
				HV	-11.6444	-19.3691	-10.4856	-0.0045	-0.0075	-0.0040	2.50	PASS

Test Band: 38 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-20.00	-11.1008	-18.4822	106.9736	-0.0043	-0.0071	0.0409	2.50	PASS
				-10.00	-13.3610	-16.0360	23.1314	-0.0052	-0.0062	0.0088	2.50	PASS
				0.00	-8.6117	-10.8004	-3.6335	-0.0033	-0.0042	-0.0014	2.50	PASS
				10.00	-11.8732	-9.7990	-3.4761	-0.0046	-0.0038	-0.0013	2.50	PASS
				20.00	-18.0244	-15.2350	-11.6730	-0.0070	-0.0059	-0.0045	2.50	PASS
				30.00	-8.5974	-13.4182	-13.1750	-0.0033	-0.0052	-0.0050	2.50	PASS
				40.00	-6.7234	-18.1246	-15.6069	-0.0026	-0.0070	-0.0060	2.50	PASS
				50.00	-16.1934	-9.6703	-9.0694	-0.0063	-0.0037	-0.0035	2.50	PASS
				60.00	4.2343	-14.9059	-8.4829	0.0016	-0.0057	-0.0032	2.50	PASS
16QAM	25	0	NV	-20.00	-14.1764	-10.2425	-9.6703	-0.0055	-0.0039	-0.0037	2.50	PASS
				-10.00	-12.6743	-8.2684	-15.7928	-0.0049	-0.0032	-0.0060	2.50	PASS
				0.00	-7.9107	-8.6546	-11.6444	-0.0031	-0.0033	-0.0044	2.50	PASS
				10.00	-8.9264	-8.0824	-2.1887	-0.0035	-0.0031	-0.0008	2.50	PASS
				20.00	-7.9250	-9.8276	-9.1696	-0.0031	-0.0038	-0.0035	2.50	PASS
				30.00	-16.1791	-8.5402	-11.9019	-0.0063	-0.0033	-0.0045	2.50	PASS
				40.00	-14.6055	-18.2247	-17.6096	-0.0057	-0.0070	-0.0067	2.50	PASS
				50.00	-17.2806	-18.0674	-9.8848	-0.0067	-0.0070	-0.0038	2.50	PASS
				60.00	-14.2050	-10.6859	-13.7186	-0.0055	-0.0041	-0.0052	2.50	PASS

Test Band: 38 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	-2.9039	3.6049	0.9012	-0.0011	0.0014	0.0003	2.50	PASS
				NV	-7.7391	-7.6103	-4.6492	-0.0030	-0.0029	-0.0018	2.50	PASS
				HV	6.3658	-6.7949	-11.7874	0.0025	-0.0026	-0.0045	2.50	PASS
16QAM	50	0	NT	LV	-3.9625	4.4346	0.5436	-0.0015	0.0017	0.0002	2.50	PASS
				NV	-14.9345	-10.5858	-8.4829	-0.0058	-0.0041	-0.0032	2.50	PASS
				HV	-17.7240	-5.6076	-9.2983	-0.0069	-0.0022	-0.0036	2.50	PASS

Test Band: 38 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-20.00	-6.7949	-3.6478	-5.2929	-0.0026	-0.0014	-0.0020	2.50	PASS
				-10.00	-6.9094	-7.0524	-1.7166	-0.0027	-0.0027	-0.0007	2.50	PASS
				0.00	-2.6751	-8.1825	-7.3671	-0.0010	-0.0032	-0.0028	2.50	PASS
				10.00	-6.1798	-7.6675	-6.6519	-0.0024	-0.0030	-0.0025	2.50	PASS
				20.00	-6.4373	-1.4019	-3.8195	-0.0025	-0.0005	-0.0015	2.50	PASS
				30.00	-6.9380	-2.4891	-5.0783	-0.0027	-0.0010	-0.0019	2.50	PASS
				40.00	-5.7220	-6.0511	-9.9707	-0.0022	-0.0023	-0.0038	2.50	PASS
				50.00	-4.0054	-4.2486	-4.6206	-0.0016	-0.0016	-0.0018	2.50	PASS
				60.00	-6.9237	-7.9823	-3.0613	-0.0027	-0.0031	-0.0012	2.50	PASS

16QAM	50	0	NV	-20.00	-13.1035	-6.2227	-3.4761	-0.0051	-0.0024	-0.0013	2.50	PASS
				-10.00	-11.1866	-5.9652	-4.0913	-0.0043	-0.0023	-0.0016	2.50	PASS
				0.00	-10.8290	-7.2241	-6.8808	-0.0042	-0.0028	-0.0026	2.50	PASS
				10.00	-15.1348	-8.2684	-7.6103	-0.0059	-0.0032	-0.0029	2.50	PASS
				20.00	-10.3140	-2.7323	-6.9380	-0.0040	-0.0011	-0.0027	2.50	PASS
				30.00	-14.2336	-5.0926	-2.2459	-0.0055	-0.0020	-0.0009	2.50	PASS
				40.00	-14.8630	-7.1669	-7.6818	-0.0058	-0.0028	-0.0029	2.50	PASS
				50.00	-7.5960	-8.1396	-5.8079	-0.0029	-0.0031	-0.0022	2.50	PASS
				60.00	-12.8031	-1.4448	-4.9210	-0.0050	-0.0006	-0.0019	2.50	PASS

Test Band: 38 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	-0.8583	-1.5879	-0.8726	-0.0003	-0.0006	-0.0003	2.50	PASS
				NV	-9.5415	-11.8017	-12.0735	-0.0037	-0.0045	-0.0046	2.50	PASS
				HV	-12.0306	-9.0694	28.9249	-0.0047	-0.0035	0.0111	2.50	PASS
16QAM	75	0	NT	LV	-1.4305	-3.1042	-0.6008	-0.0006	-0.0012	-0.0002	2.50	PASS
				NV	-11.8017	-8.7404	-12.7459	-0.0046	-0.0034	-0.0049	2.50	PASS
				HV	-10.3426	-9.3842	-7.4530	-0.0040	-0.0036	-0.0029	2.50	PASS

Test Band: 38 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-20.00	-5.6076	-8.9121	-8.8406	-0.0022	-0.0034	-0.0034	2.50	PASS
				-10.00	-7.4387	-8.8978	-7.1955	-0.0029	-0.0034	-0.0028	2.50	PASS
				0.00	-12.4598	-5.4646	-11.4298	-0.0048	-0.0021	-0.0044	2.50	PASS
				10.00	-10.8862	-10.2282	-13.9475	-0.0042	-0.0039	-0.0053	2.50	PASS
				20.00	-4.6492	-10.9577	-9.0837	-0.0018	-0.0042	-0.0035	2.50	PASS
				30.00	-5.7650	-6.7377	-11.6873	-0.0022	-0.0026	-0.0045	2.50	PASS
				40.00	-6.0225	-8.2827	-8.7833	-0.0023	-0.0032	-0.0034	2.50	PASS
				50.00	-10.1709	-10.5143	-8.6260	-0.0039	-0.0041	-0.0033	2.50	PASS
				60.00	-11.7874	-10.5858	-13.4182	-0.0046	-0.0041	-0.0051	2.50	PASS
16QAM	75	0	NV	-20.00	-8.8978	-5.2500	-5.8222	-0.0035	-0.0020	-0.0022	2.50	PASS
				-10.00	-9.3985	-5.3787	-3.1757	-0.0036	-0.0021	-0.0012	2.50	PASS
				0.00	-3.1185	-3.2473	-2.3746	-0.0012	-0.0013	-0.0009	2.50	PASS
				10.00	-8.5115	-3.3045	-6.3086	-0.0033	-0.0013	-0.0024	2.50	PASS
				20.00	-6.0940	-0.4578	-6.8951	-0.0024	-0.0002	-0.0026	2.50	PASS
				30.00	-4.2629	-2.4033	-6.5804	-0.0017	-0.0009	-0.0025	2.50	PASS
				40.00	-5.0783	-0.0429	-5.9223	-0.0020	0.0000	-0.0023	2.50	PASS
				50.00	-6.9237	-3.5763	-6.1512	-0.0027	-0.0014	-0.0024	2.50	PASS
				60.00	-7.3814	-9.0551	-7.3671	-0.0029	-0.0035	-0.0028	2.50	PASS

Test Band: 38 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	0.4005	-1.2159	0.5150	0.0002	-0.0005	0.0002	2.50	PASS
				NV	-8.8692	-9.9564	-11.2295	-0.0034	-0.0038	-0.0043	2.50	PASS
				HV	-5.9366	-2.8753	-9.9278	-0.0023	-0.0011	-0.0038	2.50	PASS
16QAM	100	0	NT	LV	-9.3985	-2.8610	3.6907	-0.0036	-0.0011	0.0014	2.50	PASS
				NV	-8.7261	-20.0701	-10.7431	-0.0034	-0.0077	-0.0041	2.50	PASS
				HV	-9.6130	-1.7595	-9.7132	-0.0037	-0.0007	-0.0037	2.50	PASS

Test Band: 38 20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-20.00	-4.8923	-7.4673	-8.4257	-0.0019	-0.0029	-0.0032	2.50	PASS
				-10.00	-5.5790	-4.5061	-9.2268	-0.0022	-0.0017	-0.0035	2.50	PASS
				0.00	-7.5102	-3.6335	-6.4802	-0.0029	-0.0014	-0.0025	2.50	PASS
				10.00	-3.6049	-1.5450	-9.9278	-0.0014	-0.0006	-0.0038	2.50	PASS
				20.00	-1.8454	-7.6675	-6.4373	-0.0007	-0.0030	-0.0025	2.50	PASS
				30.00	-3.5048	-3.9053	-5.5218	-0.0014	-0.0015	-0.0021	2.50	PASS
				40.00	-6.6233	-1.2302	-7.4673	-0.0026	-0.0005	-0.0029	2.50	PASS
				50.00	-6.4230	-4.6778	-5.9223	-0.0025	-0.0018	-0.0023	2.50	PASS
16QAM	100	0	NV	60.00	-2.0170	-5.6934	-5.4502	-0.0008	-0.0022	-0.0021	2.50	PASS
				-20.00	-1.2875	-3.8910	-7.7391	-0.0005	-0.0015	-0.0030	2.50	PASS
				-10.00	-4.3201	-4.9067	-7.0524	-0.0017	-0.0019	-0.0027	2.50	PASS
				0.00	-6.5374	-5.5790	-9.5844	-0.0025	-0.0021	-0.0037	2.50	PASS
				10.00	-5.0068	-7.7105	-6.4230	-0.0019	-0.0030	-0.0025	2.50	PASS
				20.00	-3.2043	-4.7922	-6.1941	-0.0012	-0.0018	-0.0024	2.50	PASS
				30.00	-6.9666	-2.1601	-9.9993	-0.0027	-0.0008	-0.0038	2.50	PASS
				40.00	-2.8896	2.2173	-9.7561	-0.0011	0.0009	-0.0037	2.50	PASS
				50.00	-10.9863	-7.8964	-6.3086	-0.0043	-0.0030	-0.0024	2.50	PASS
				60.00	-4.5347	-9.0265	-4.3201	-0.0018	-0.0035	-0.0017	2.50	PASS

Band 40a

Test Band: 40a 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	10.4713	30.0694	5.7220	0.0045	0.0130	0.0025	2.50	PASS
				NV	-25.2771	52.7286	1.1015	-0.0110	0.0228	0.0005	2.50	PASS
				HV	-32.9304	44.6176	-26.7363	-0.0143	0.0193	-0.0116	2.50	PASS
16QAM	25	0	NT	LV	-0.3290	15.5067	21.7152	-0.0001	0.0067	0.0094	2.50	PASS
				NV	-16.2792	2.1172	35.9344	-0.0071	0.0009	0.0155	2.50	PASS
				HV	-20.0415	-6.5088	26.8936	-0.0087	-0.0028	0.0116	2.50	PASS

Test Band: 40a 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-20.00	-41.2130	27.0939	-61.1401	-0.0179	0.0117	-0.0264	2.50	PASS
				-10.00	-34.1892	18.2676	-56.6340	-0.0148	0.0079	-0.0245	2.50	PASS
				0.00	-21.6722	11.2152	-73.4568	-0.0094	0.0049	-0.0318	2.50	PASS
				10.00	-18.9686	0.6723	115.1991	-0.0082	0.0003	-0.0498	2.50	PASS
				20.00	-24.3187	-12.9604	126.3571	-0.0105	-0.0056	-0.0546	2.50	PASS
				30.00	-24.3473	-15.9216	126.9436	-0.0106	-0.0069	0.0549	2.50	PASS
				40.00	-24.3616	121.3646	230.2122	-0.0106	0.0525	0.0996	2.50	PASS
				50.00	-24.2901	115.7856	213.7899	-0.0105	0.0501	0.0924	2.50	PASS
				60.00	-20.8855	106.7305	186.8820	-0.0091	0.0462	0.0808	2.50	PASS
16QAM	25	0	NV	-20.00	-21.1286	-26.5074	22.8310	-0.0092	-0.0115	0.0099	2.50	PASS

				-10.00	-19.8698	-30.5128	28.0952	-0.0086	-0.0132	0.0121	2.50	PASS
				0.00	-24.4331	-38.6095	14.0047	-0.0106	-0.0167	0.0061	2.50	PASS
				10.00	-13.9475	-36.9644	8.7547	-0.0060	-0.0160	0.0038	2.50	PASS
				20.00	-23.1171	-44.0741	-5.8937	-0.0100	-0.0191	-0.0025	2.50	PASS
				30.00	-16.8514	-46.6347	-1.2159	-0.0073	-0.0202	-0.0005	2.50	PASS
				40.00	-21.2002	-53.2293	-13.7758	-0.0092	-0.0230	-0.0060	2.50	PASS
				50.00	-17.2949	-57.2062	-14.0476	-0.0075	-0.0248	-0.0061	2.50	PASS
				60.00	-12.8889	-73.0133	-21.1430	-0.0056	-0.0316	-0.0091	2.50	PASS

Test Band: 40a_10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	/	-5.3930	/	/	-0.0023	/	2.50	PASS
				NV	/	-8.7690	/	/	-0.0038	/	2.50	PASS
				HV	/	-5.7220	/	/	-0.0025	/	2.50	PASS
16QAM	50	0	NT	LV	/	-4.8494	/	/	-0.0021	/	2.50	PASS
				NV	/	-12.9461	/	/	-0.0056	/	2.50	PASS
				HV	/	-5.1355	/	/	-0.0022	/	2.50	PASS

Test Band: 40a_10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-20.00	/	-11.5013	/	/	-0.0050	/	2.50	PASS
				-10.00	/	-14.4052	/	/	-0.0062	/	2.50	PASS
				0.00	/	-7.1383	/	/	-0.0031	/	2.50	PASS
				10.00	/	-6.7091	/	/	-0.0029	/	2.50	PASS
				20.00	/	-10.3140	/	/	-0.0045	/	2.50	PASS
				30.00	/	-5.5075	/	/	-0.0024	/	2.50	PASS
				40.00	/	-11.3440	/	/	-0.0049	/	2.50	PASS
				50.00	/	-8.4972	/	/	-0.0037	/	2.50	PASS
16QAM	50	0	NV	60.00	/	-14.4196	/	/	-0.0062	/	2.50	PASS
				-20.00	/	-6.8665	/	/	-0.0030	/	2.50	PASS
				-10.00	/	-6.6519	/	/	-0.0029	/	2.50	PASS
				0.00	/	-11.2009	/	/	-0.0048	/	2.50	PASS
				10.00	/	-9.9278	/	/	-0.0043	/	2.50	PASS
				20.00	/	-6.0511	/	/	-0.0026	/	2.50	PASS
				30.00	/	-8.8406	/	/	-0.0038	/	2.50	PASS
				40.00	/	-7.9823	/	/	-0.0035	/	2.50	PASS
50.00	/	-3.7336	/	/	-0.0016	/	2.50	PASS				
60.00	/	-7.7105	/	/	-0.0033	/	2.50	PASS				

Band 40b

Test Band: 40b 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	15.1777	20.7567	6.3086	0.0065	0.0088	0.0027	2.50	PASS
				NV	-23.0598	-19.3119	-19.4693	-0.0098	-0.0082	-0.0083	2.50	PASS
				HV	-20.1559	-22.5306	-28.3814	-0.0086	-0.0096	-0.0120	2.50	PASS
16QAM	25	0	NT	LV	7.5388	12.5742	12.5456	0.0032	0.0053	0.0053	2.50	PASS
				NV	-12.5313	-14.2050	-21.6007	-0.0053	-0.0060	-0.0092	2.50	PASS
				HV	-17.6382	-12.7316	-22.4161	-0.0075	-0.0054	-0.0095	2.50	PASS

Test Band: 40b	5MHz Bandwidth (Frequency Error VS. Temperature)
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Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-20.00	-10.1852	-16.0074	-17.3807	-0.0043	-0.0068	-0.0074	2.50	PASS
				-10.00	-16.1791	-20.5278	-7.2384	-0.0069	-0.0087	-0.0031	2.50	PASS
				0.00	-10.8862	-18.3821	-8.7976	-0.0046	-0.0078	-0.0037	2.50	PASS
				10.00	-12.9175	-13.3896	-7.6246	-0.0055	-0.0057	-0.0032	2.50	PASS
				20.00	-10.4284	-13.5899	-5.2071	-0.0044	-0.0058	-0.0022	2.50	PASS
				30.00	-11.0149	-6.4373	-7.3099	-0.0047	-0.0027	-0.0031	2.50	PASS
				40.00	-10.9863	-13.2322	-4.5776	-0.0047	-0.0056	-0.0019	2.50	PASS
				50.00	-15.0061	-16.3364	-6.3229	-0.0064	-0.0069	-0.0027	2.50	PASS
				60.00	-13.2894	-15.8501	-10.1996	-0.0056	-0.0067	-0.0043	2.50	PASS
16QAM	25	0	NV	-20.00	-16.3794	-17.9529	-15.8644	-0.0070	-0.0076	-0.0067	2.50	PASS
				-10.00	-12.9032	-15.2779	-6.8378	-0.0055	-0.0065	-0.0029	2.50	PASS
				0.00	-14.6627	-22.0299	-14.2050	-0.0062	-0.0094	-0.0060	2.50	PASS
				10.00	-13.3896	-16.3937	-20.7996	-0.0057	-0.0070	-0.0088	2.50	PASS
				20.00	-9.4986	-7.8535	-10.3998	-0.0040	-0.0033	-0.0044	2.50	PASS
				30.00	-13.6757	-16.8371	-12.8603	-0.0058	-0.0071	-0.0055	2.50	PASS
				40.00	-10.6144	-5.5647	-1.0300	-0.0045	-0.0024	-0.0004	2.50	PASS
				50.00	-8.9836	-11.7302	-9.0551	-0.0038	-0.0050	-0.0038	2.50	PASS
				60.00	-18.1246	-7.8964	-6.8808	-0.0077	-0.0034	-0.0029	2.50	PASS

Test Band: 40b 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	/	-13.8044	/	/	-0.0059	/	2.50	PASS
				NV	/	-15.5640	/	/	-0.0066	/	2.50	PASS
				HV	/	-10.2425	/	/	-0.0043	/	2.50	PASS
16QAM	50	0	NT	LV	/	-15.3637	/	/	-0.0065	/	2.50	PASS
				NV	/	-8.0252	/	/	-0.0034	/	2.50	PASS
				HV	/	-9.4557	/	/	-0.0040	/	2.50	PASS

Test Band: 40b 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-20.00	/	-9.1982	/	/	-0.0039	/	2.50	PASS
				-10.00	/	-7.1096	/	/	-0.0030	/	2.50	PASS
				0.00	/	-9.9134	/	/	-0.0042	/	2.50	PASS
				10.00	/	-12.8460	/	/	-0.0055	/	2.50	PASS
				20.00	/	-11.7874	/	/	-0.0050	/	2.50	PASS
				30.00	/	-1.9884	/	/	-0.0008	/	2.50	PASS
				40.00	/	-19.5980	/	/	-0.0083	/	2.50	PASS
				50.00	/	-11.5442	/	/	-0.0049	/	2.50	PASS
				60.00	/	-12.5742	/	/	-0.0053	/	2.50	PASS
16QAM	50	0	NV	-20.00	/	-10.5858	/	/	-0.0045	/	2.50	PASS
				-10.00	/	-12.4884	/	/	-0.0053	/	2.50	PASS
				0.00	/	-10.2282	/	/	-0.0043	/	2.50	PASS
				10.00	/	-8.1968	/	/	-0.0035	/	2.50	PASS
				20.00	/	-11.5299	/	/	-0.0049	/	2.50	PASS
				30.00	/	-16.4652	/	/	-0.0070	/	2.50	PASS
				40.00	/	-9.4843	/	/	-0.0040	/	2.50	PASS
				50.00	/	-6.9237	/	/	-0.0029	/	2.50	PASS
				60.00	/	-8.0681	/	/	-0.0034	/	2.50	PASS

Band 41

Test Band: 41 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	9.2983	19.9270	10.5000	0.0037	0.0077	0.0039	2.50	PASS
				NV	-19.4120	0.8583	-27.6947	-0.0078	0.0003	-0.0103	2.50	PASS
				HV	-18.6825	-5.7507	-18.7397	-0.0075	-0.0022	-0.0070	2.50	PASS
16QAM	25	0	NT	LV	-0.3719	10.9720	4.2200	-0.0001	0.0042	0.0016	2.50	PASS
				NV	-22.1300	-11.2295	-27.3085	-0.0089	-0.0043	-0.0102	2.50	PASS
				HV	-10.2282	-10.9863	-20.1845	-0.0041	-0.0042	-0.0075	2.50	PASS

Test Band: 41 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-20.00	-17.0517	1.5020	-7.8535	-0.0068	0.0006	-0.0029	2.50	PASS
				-10.00	-1.8740	-2.2602	-7.4816	-0.0008	-0.0009	-0.0028	2.50	PASS
				0.00	-5.2643	4.9353	-15.3494	-0.0021	0.0019	-0.0057	2.50	PASS
				10.00	-2.9039	-6.7091	-7.4100	-0.0012	-0.0026	-0.0028	2.50	PASS
				20.00	-2.9469	-3.1757	-3.4189	-0.0012	-0.0012	-0.0013	2.50	PASS
				30.00	-10.9577	7.8964	1.0300	-0.0044	0.0030	0.0004	2.50	PASS
				40.00	-5.4932	2.5892	-4.2057	-0.0022	0.0010	-0.0016	2.50	PASS
				50.00	-11.2009	8.4400	-6.2370	-0.0045	0.0033	-0.0023	2.50	PASS
				60.00	-12.0020	-0.1144	-13.0034	-0.0048	0.0000	-0.0048	2.50	PASS
16QAM	25	0	NV	-20.00	-7.7534	-7.4100	-17.3092	-0.0031	-0.0029	-0.0064	2.50	PASS
				-10.00	-2.6751	-1.4162	-14.2193	-0.0011	-0.0005	-0.0053	2.50	PASS
				0.00	-6.0225	-12.7172	-10.9291	-0.0024	-0.0049	-0.0041	2.50	PASS
				10.00	-11.2295	-10.1137	-12.0306	-0.0045	-0.0039	-0.0045	2.50	PASS
				20.00	1.5163	-0.7296	-13.0320	0.0006	-0.0003	-0.0048	2.50	PASS
				30.00	-3.8910	-14.2622	-10.7002	-0.0016	-0.0055	-0.0040	2.50	PASS
				40.00	2.2316	-5.5933	-10.1566	0.0009	-0.0022	-0.0038	2.50	PASS
				50.00	-18.6682	-3.8910	-10.6859	-0.0075	-0.0015	-0.0040	2.50	PASS
				60.00	0.2575	-14.7486	-15.4924	0.0001	-0.0057	-0.0058	2.50	PASS

Test Band: 41_10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	-4.8351	2.3890	-10.1709	-0.0019	0.0009	-0.0038	2.50	PASS
				NV	-13.0892	-9.7847	-14.5769	-0.0052	-0.0038	-0.0054	2.50	PASS
				HV	-11.4298	-5.3930	-8.7833	-0.0046	-0.0021	-0.0033	2.50	PASS
16QAM	50	0	NT	LV	-3.1757	2.1172	-9.6273	-0.0013	0.0008	-0.0036	2.50	PASS
				NV	-14.6484	-5.4932	-16.2649	-0.0059	-0.0021	-0.0061	2.50	PASS
				HV	-19.3119	-8.2254	-9.6989	-0.0077	-0.0032	-0.0036	2.50	PASS

Test Band: 41 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-20.00	-8.6403	-4.1342	-5.5647	-0.0035	-0.0016	-0.0021	2.50	PASS
				-10.00	-6.1512	-4.1342	-3.6192	-0.0025	-0.0016	-0.0013	2.50	PASS
				0.00	-12.0020	-0.1431	-8.6832	-0.0048	-0.0001	-0.0032	2.50	PASS
				10.00	1.4591	-9.5129	-8.8692	0.0006	-0.0037	-0.0033	2.50	PASS
				20.00	-8.1539	-10.1709	-1.3876	-0.0033	-0.0039	-0.0005	2.50	PASS
				30.00	-11.7874	-5.1785	-1.9169	-0.0047	-0.0020	-0.0007	2.50	PASS

				40.00	-8.0538	-5.2643	-6.0797	-0.0032	-0.0020	-0.0023	2.50	PASS
				50.00	-14.0047	-9.2268	-6.0368	-0.0056	-0.0036	-0.0022	2.50	PASS
				60.00	-18.4965	-1.4305	-8.3256	-0.0074	-0.0006	-0.0031	2.50	PASS
16QAM	50	0	NV	-20.00	-11.6444	0.4721	-7.0953	-0.0047	0.0002	-0.0026	2.50	PASS
				-10.00	-14.3766	0.5722	-4.8780	-0.0057	0.0002	-0.0018	2.50	PASS
				0.00	-13.5326	-12.4311	-9.4843	-0.0054	-0.0048	-0.0035	2.50	PASS
				10.00	-17.1375	-4.8780	-4.0340	-0.0069	-0.0019	-0.0015	2.50	PASS
				20.00	-10.2997	-9.4128	-5.7507	-0.0041	-0.0036	-0.0021	2.50	PASS
				30.00	-10.4141	-1.9455	-9.7704	-0.0042	-0.0008	-0.0036	2.50	PASS
				40.00	-9.4271	-5.6219	-8.8692	-0.0038	-0.0022	-0.0033	2.50	PASS
				50.00	-12.4598	-8.6546	-5.7793	-0.0050	-0.0033	-0.0022	2.50	PASS
				60.00	-14.5340	2.6464	-6.9380	-0.0058	0.0010	-0.0026	2.50	PASS

Test Band: 41 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	-2.0170	-0.3004	-13.0463	-0.0008	-0.0001	-0.0049	2.50	PASS
				NV	-10.8147	-7.6675	-17.9672	-0.0043	-0.0030	-0.0067	2.50	PASS
				HV	-13.8474	-9.8848	-10.1709	-0.0055	-0.0038	-0.0038	2.50	PASS
16QAM	75	0	NT	LV	-5.7077	-0.8154	-8.1682	-0.0023	-0.0003	-0.0030	2.50	PASS
				NV	-9.9850	-13.1750	-20.5565	-0.0040	-0.0051	-0.0077	2.50	PASS
				HV	-7.1096	-8.1539	-0.5865	-0.0028	-0.0031	-0.0002	2.50	PASS

Test Band: 41 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-20.00	-12.6743	-6.4802	-6.5231	-0.0051	-0.0025	-0.0024	2.50	PASS
				-10.00	-10.4284	-13.0320	-3.4904	-0.0042	-0.0050	-0.0013	2.50	PASS
				0.00	-7.0524	-7.2813	-6.8522	-0.0028	-0.0028	-0.0026	2.50	PASS
				10.00	-6.2656	-6.0511	-8.6832	-0.0025	-0.0023	-0.0032	2.50	PASS
				20.00	-16.7942	-12.7316	-10.0708	-0.0067	-0.0049	-0.0038	2.50	PASS
				30.00	-6.0511	-0.4292	-11.6730	-0.0024	-0.0002	-0.0044	2.50	PASS
				40.00	-10.6001	-12.2595	-12.6457	-0.0042	-0.0047	-0.0047	2.50	PASS
				50.00	-11.8017	-2.8324	-8.7404	-0.0047	-0.0011	-0.0033	2.50	PASS
				60.00	-6.9523	-12.5313	-8.6403	-0.0028	-0.0048	-0.0032	2.50	PASS
16QAM	75	0	NV	-20.00	-9.9850	-5.0497	-8.0538	-0.0040	-0.0019	-0.0030	2.50	PASS
				-10.00	-10.2282	-3.0899	-8.7547	-0.0041	-0.0012	-0.0033	2.50	PASS
				0.00	-2.7323	-9.9993	-5.7220	-0.0011	-0.0039	-0.0021	2.50	PASS
				10.00	-9.6989	-6.0081	-4.9639	-0.0039	-0.0023	-0.0019	2.50	PASS
				20.00	-9.3698	-6.5947	-9.6273	-0.0037	-0.0025	-0.0036	2.50	PASS
				30.00	-8.8978	0.8011	-11.1580	-0.0036	0.0003	-0.0042	2.50	PASS
				40.00	-7.0381	-8.4829	-3.5048	-0.0028	-0.0033	-0.0013	2.50	PASS
				50.00	-4.5633	-2.9325	-4.1771	-0.0018	-0.0011	-0.0016	2.50	PASS
				60.00	-9.7132	-10.2711	-6.4373	-0.0039	-0.0040	-0.0024	2.50	PASS

Test Band: 41 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	-8.3828	-1.1158	-5.4646	-0.0033	-0.0004	-0.0020	2.50	PASS
				NV	-7.2098	-12.4598	-7.5245	-0.0029	-0.0048	-0.0028	2.50	PASS
				HV	-5.6648	-4.8351	2.3031	-0.0023	-0.0019	0.0009	2.50	PASS
16QAM	100	0	NT	LV	-9.1267	-0.1431	-11.5299	-0.0036	-0.0001	-0.0043	2.50	PASS
				NV	-11.9019	-9.1267	-15.2922	-0.0047	-0.0035	-0.0057	2.50	PASS
				HV	-4.7493	-5.0211	-6.8235	-0.0019	-0.0019	-0.0025	2.50	PASS

Test Band: 41 20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-20.00	-7.8249	-8.0252	-8.9979	-0.0031	-0.0031	-0.0034	2.50	PASS
				-10.00	-12.0163	-6.0511	-5.3072	-0.0048	-0.0023	-0.0020	2.50	PASS
				0.00	-6.5660	-4.7064	-5.4073	-0.0026	-0.0018	-0.0020	2.50	PASS
				10.00	-10.8576	-7.2956	-1.7738	-0.0043	-0.0028	-0.0007	2.50	PASS
				20.00	1.3304	-8.1682	-8.1539	0.0005	-0.0032	-0.0030	2.50	PASS
				30.00	-5.5790	-7.5388	-6.8378	-0.0022	-0.0029	-0.0026	2.50	PASS
				40.00	-4.8208	-7.0095	-5.2929	-0.0019	-0.0027	-0.0020	2.50	PASS
				50.00	-6.6519	-10.1709	-8.9407	-0.0027	-0.0039	-0.0033	2.50	PASS
				60.00	-13.7472	-3.2616	-7.9679	-0.0055	-0.0013	-0.0030	2.50	PASS
16QAM	100	0	NV	-20.00	-2.2602	-5.5790	-9.2411	-0.0009	-0.0022	-0.0034	2.50	PASS
				-10.00	-10.7718	-5.8794	-8.3542	-0.0043	-0.0023	-0.0031	2.50	PASS
				0.00	-6.2513	-8.7976	-13.3467	-0.0025	-0.0034	-0.0050	2.50	PASS
				10.00	-4.4346	-6.7234	-9.9564	-0.0018	-0.0026	-0.0037	2.50	PASS
				20.00	-9.1553	-6.6805	-11.7445	-0.0037	-0.0026	-0.0044	2.50	PASS
				30.00	-9.9421	-0.8583	-5.0926	-0.0040	-0.0003	-0.0019	2.50	PASS
				40.00	-4.3917	-11.3869	-8.5831	-0.0018	-0.0044	-0.0032	2.50	PASS
				50.00	-4.0913	-13.3038	-7.4816	-0.0016	-0.0051	-0.0028	2.50	PASS
				60.00	-10.2425	-4.8923	-14.5912	-0.0041	-0.0019	-0.0054	2.50	PASS

Band 41a

Test Band: 41a 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	18.1103	37.2076	3.3474	0.0072	0.0143	0.0012	2.50	PASS
				NV	-14.5340	19.7411	-31.7430	-0.0058	0.0076	-0.0118	2.50	PASS
				HV	-13.8760	29.7403	-23.9325	-0.0055	0.0115	-0.0089	2.50	PASS
16QAM	25	0	NT	LV	5.0640	4.5633	11.6014	0.0020	0.0018	0.0043	2.50	PASS
				NV	-14.0905	-1.3447	-30.7989	-0.0056	-0.0005	-0.0115	2.50	PASS
				HV	-13.0463	-12.8889	-22.3303	-0.0052	-0.0050	-0.0083	2.50	PASS

Test Band: 41a 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-20.00	-12.5742	20.9141	-24.1041	-0.0050	0.0081	-0.0090	2.50	PASS
				-10.00	-15.4352	13.3610	-17.8814	-0.0062	0.0051	-0.0067	2.50	PASS
				0.00	-13.4754	24.9767	-20.1273	-0.0054	0.0096	-0.0075	2.50	PASS
				10.00	-7.9823	3.4189	-20.0129	-0.0032	0.0013	-0.0074	2.50	PASS
				20.00	1.2016	1.5020	-10.3283	0.0005	0.0006	-0.0038	2.50	PASS
				30.00	25.6348	8.3828	-12.8889	0.0102	0.0032	-0.0048	2.50	PASS
				40.00	3.3045	14.3194	-17.8528	0.0013	0.0055	-0.0066	2.50	PASS
				50.00	1.6737	21.5864	-12.7172	0.0007	0.0083	-0.0047	2.50	PASS
				60.00	-19.0830	-3.1614	-11.7445	-0.0076	-0.0012	-0.0044	2.50	PASS
16QAM	25	0	NV	-20.00	-17.2377	-5.3930	-18.6825	-0.0069	-0.0021	-0.0070	2.50	PASS
				-10.00	-14.3480	-21.3718	-22.1300	-0.0057	-0.0082	-0.0082	2.50	PASS
				0.00	-6.6805	-1.2159	-20.3705	-0.0027	-0.0005	-0.0076	2.50	PASS
				10.00	-15.4781	-3.7479	-19.2261	-0.0062	-0.0014	-0.0072	2.50	PASS
				20.00	-15.4066	-23.4747	-23.2315	-0.0062	-0.0090	-0.0086	2.50	PASS
				30.00	-17.7383	5.2357	-17.1089	-0.0071	0.0020	-0.0064	2.50	PASS
				40.00	-10.0851	-16.1362	-21.8010	-0.0040	-0.0062	-0.0081	2.50	PASS
				50.00	114.312 2	-8.1110	-13.5899	0.0457	-0.0031	-0.0051	2.50	PASS

				60.00	106.744 8	-22.3017	-14.3194	0.0427	-0.0086	-0.0053	2.50	PASS
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Test Band: 41a 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	-0.1431	7.7105	-2.9469	-0.0001	0.0030	-0.0011	2.50	PASS
				NV	-24.4331	-9.5701	-21.4291	-0.0098	-0.0037	-0.0080	2.50	PASS
				HV	-6.4230	-14.5626	-5.2357	-0.0026	-0.0056	-0.0019	2.50	PASS
16QAM	50	0	NT	LV	-2.4033	1.5020	-7.4100	-0.0010	0.0006	-0.0028	2.50	PASS
				NV	-14.6198	-16.4509	-20.4277	-0.0058	-0.0063	-0.0076	2.50	PASS
				HV	-7.2241	-10.0851	-10.5000	-0.0029	-0.0039	-0.0039	2.50	PASS

Test Band: 41a 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-20.00	-10.6001	-8.5258	1.7452	-0.0042	-0.0033	0.0006	2.50	PASS
				-10.00	-13.0320	-10.2139	-10.0136	-0.0052	-0.0039	-0.0037	2.50	PASS
				0.00	-11.3726	7.0381	-3.8481	-0.0045	0.0027	-0.0014	2.50	PASS
				10.00	-9.7561	-16.7942	-8.2254	-0.0039	-0.0065	-0.0031	2.50	PASS
				20.00	-12.0163	-7.6962	-10.0279	-0.0048	-0.0030	-0.0037	2.50	PASS
				30.00	-14.0905	-8.7404	-13.8617	-0.0056	-0.0034	-0.0052	2.50	PASS
				40.00	-3.4332	-3.3045	-12.9175	-0.0014	-0.0013	-0.0048	2.50	PASS
				50.00	-8.1396	-11.3297	-8.4972	-0.0032	-0.0044	-0.0032	2.50	PASS
				60.00	-10.9577	-2.1315	-10.7288	-0.0044	-0.0008	-0.0040	2.50	PASS
16QAM	50	0	NV	-20.00	-13.0606	-16.4223	-14.4339	-0.0052	-0.0063	-0.0054	2.50	PASS
				-10.00	-8.9693	-15.2636	-7.0667	-0.0036	-0.0059	-0.0026	2.50	PASS
				0.00	-16.0360	-1.7595	-9.4414	-0.0064	-0.0007	-0.0035	2.50	PASS
				10.00	-9.5844	1.3733	-10.9291	-0.0038	0.0005	-0.0041	2.50	PASS
				20.00	-12.2309	-9.4414	-15.9931	-0.0049	-0.0036	-0.0060	2.50	PASS
				30.00	-6.1512	-0.8583	-4.9067	-0.0025	-0.0003	-0.0018	2.50	PASS
				40.00	-14.7057	-15.7213	-17.1518	-0.0059	-0.0061	-0.0064	2.50	PASS
				50.00	-6.0797	-0.6866	-7.5245	-0.0024	-0.0003	-0.0028	2.50	PASS
				60.00	63.4003	-6.9094	-10.7145	0.0253	-0.0027	-0.0040	2.50	PASS

Test Band: 41a 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	2.7609	3.6478	-10.5429	0.0011	0.0014	-0.0039	2.50	PASS
				NV	-5.2500	-14.6055	-20.0701	-0.0021	-0.0056	-0.0075	2.50	PASS
				HV	-3.8767	-6.8951	-7.3385	-0.0015	-0.0027	-0.0027	2.50	PASS
16QAM	75	0	NT	LV	-5.0783	-1.4591	-13.8474	-0.0020	-0.0006	-0.0052	2.50	PASS
				NV	-16.3794	-14.8058	-21.1859	-0.0065	-0.0057	-0.0079	2.50	PASS
				HV	-12.3310	-12.5599	-4.2343	-0.0049	-0.0048	-0.0016	2.50	PASS

Test Band: 41a 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-20.00	-4.7064	-10.8147	-11.1723	-0.0019	-0.0042	-0.0042	2.50	PASS
				-10.00	-4.9210	-13.3753	-7.1096	-0.0020	-0.0052	-0.0027	2.50	PASS
				0.00	-8.2827	-5.8222	-2.3031	-0.0033	-0.0022	-0.0009	2.50	PASS
				10.00	-10.7145	-10.1709	-6.7234	-0.0043	-0.0039	-0.0025	2.50	PASS

				20.00	-11.1580	-1.7881	-7.3385	-0.0044	-0.0007	-0.0027	2.50	PASS
				30.00	-0.1574	-8.3256	-5.2357	-0.0001	-0.0032	-0.0020	2.50	PASS
				40.00	0.6580	-7.0095	-11.9305	0.0003	-0.0027	-0.0044	2.50	PASS
				50.00	-4.3917	-4.9353	-0.8011	-0.0018	-0.0019	-0.0003	2.50	PASS
				60.00	-4.1914	-4.8923	-5.3358	-0.0017	-0.0019	-0.0020	2.50	PASS
16QAM	75	0	NV	-20.00	-8.4543	-13.8617	-5.5504	-0.0034	-0.0053	-0.0021	2.50	PASS
				-10.00	-7.5960	-11.9591	-8.4829	-0.0030	-0.0046	-0.0032	2.50	PASS
				0.00	-12.0735	-12.4025	-5.1355	-0.0048	-0.0048	-0.0019	2.50	PASS
				10.00	-10.5572	-6.5660	-12.4598	-0.0042	-0.0025	-0.0046	2.50	PASS
				20.00	-8.1539	-7.3242	-7.1812	-0.0033	-0.0028	-0.0027	2.50	PASS
				30.00	-7.0667	-8.0967	-10.7431	-0.0028	-0.0031	-0.0040	2.50	PASS
				40.00	-7.6389	-7.0381	-9.5129	-0.0030	-0.0027	-0.0035	2.50	PASS
				50.00	-14.1192	-1.0586	-3.2902	-0.0056	-0.0004	-0.0012	2.50	PASS
				60.00	-5.1928	-9.1553	-5.3358	-0.0021	-0.0035	-0.0020	2.50	PASS

Test Band: 41a 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	1.3304	-11.1866	-11.4727	0.0005	-0.0043	-0.0043	2.50	PASS
				NV	-6.7520	-14.6484	-9.7847	-0.0027	-0.0056	-0.0037	2.50	PASS
				HV	-4.4632	-10.9434	0.1717	-0.0018	-0.0042	0.0001	2.50	PASS
16QAM	100	0	NT	LV	-10.1566	-5.1785	-13.2752	-0.0040	-0.0020	-0.0050	2.50	PASS
				NV	-13.2036	3.4046	-7.8106	-0.0053	0.0013	-0.0029	2.50	PASS
				HV	0.0572	-4.2486	-5.0497	0.0000	-0.0016	-0.0019	2.50	PASS

Test Band: 41a 20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-20.00	-6.1798	-8.7833	-9.1410	-0.0025	-0.0034	-0.0034	2.50	PASS
				-10.00	-6.3086	-11.7445	-13.8617	-0.0025	-0.0045	-0.0052	2.50	PASS
				0.00	-6.6519	-13.9046	-4.8208	-0.0027	-0.0054	-0.0018	2.50	PASS
				10.00	-6.4373	-1.7595	-3.9339	-0.0026	-0.0007	-0.0015	2.50	PASS
				20.00	-4.7779	-9.6273	-6.9666	-0.0019	-0.0037	-0.0026	2.50	PASS
				30.00	-4.5776	-2.5892	-7.4673	-0.0018	-0.0010	-0.0028	2.50	PASS
				40.00	2.2888	-6.1226	-14.3766	0.0009	-0.0024	-0.0054	2.50	PASS
				50.00	-8.7118	-9.5701	-3.9768	-0.0035	-0.0037	-0.0015	2.50	PASS
				60.00	-8.3971	-8.4972	-13.0749	-0.0033	-0.0033	-0.0049	2.50	PASS
16QAM	100	0	NV	-20.00	0.0000	0.3862	-5.6648	0.0000	0.0001	-0.0021	2.50	PASS
				-10.00	-10.3426	-9.5987	-10.9291	-0.0041	-0.0037	-0.0041	2.50	PASS
				0.00	3.3617	-2.9182	-3.7193	0.0013	-0.0011	-0.0014	2.50	PASS
				10.00	-5.3787	-7.6103	-9.0408	-0.0021	-0.0029	-0.0034	2.50	PASS
				20.00	-8.4829	-8.5258	-5.5647	-0.0034	-0.0033	-0.0021	2.50	PASS
				30.00	-14.7200	-11.1151	-9.7704	-0.0059	-0.0043	-0.0036	2.50	PASS
				40.00	-10.4856	-6.0940	-3.3760	-0.0042	-0.0023	-0.0013	2.50	PASS
				50.00	-10.9434	-2.7466	-1.7881	-0.0044	-0.0011	-0.0007	2.50	PASS
				60.00	-5.8794	-15.3923	-10.7861	-0.0023	-0.0059	-0.0040	2.50	PASS

Band 41b

Test Band: 41b 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	-10.2282	16.6368	7.7105	-0.0040	0.0064	0.0029	2.50	PASS

16QAM	25	0	NT	NV	-22.5878	-15.9359	-24.5762	-0.0088	-0.0061	-0.0093	2.50	PASS
				HV	-20.4420	-23.6893	-16.7656	-0.0080	-0.0091	-0.0063	2.50	PASS
				LV	12.4311	17.3950	1.4019	0.0049	0.0067	0.0005	2.50	PASS
				NV	-8.9264	-2.7895	-24.9338	-0.0035	-0.0011	-0.0094	2.50	PASS
				HV	-9.0265	-13.1035	-14.3337	-0.0035	-0.0050	-0.0054	2.50	PASS

Test Band: 41b 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-20.00	-17.3235	-25.1198	-8.9264	-0.0068	-0.0096	-0.0034	2.50	PASS
				-10.00	-15.2350	-12.8174	0.2146	-0.0060	-0.0049	0.0001	2.50	PASS
				0.00	-14.4911	-17.9815	-0.6866	-0.0057	-0.0069	-0.0003	2.50	PASS
				10.00	-13.7615	-13.4039	3.6764	-0.0054	-0.0051	0.0014	2.50	PASS
				20.00	-5.0783	-11.6301	-1.6165	-0.0020	-0.0045	-0.0006	2.50	PASS
				30.00	-15.2206	-16.5224	-2.1601	-0.0060	-0.0063	-0.0008	2.50	PASS
				40.00	-12.8746	-19.2976	-7.5245	-0.0050	-0.0074	-0.0028	2.50	PASS
				50.00	-10.2282	-15.6069	-6.5660	-0.0040	-0.0060	-0.0025	2.50	PASS
				60.00	-2.9325	-3.0899	0.3290	-0.0011	-0.0012	0.0001	2.50	PASS
16QAM	25	0	NV	-20.00	-10.0708	-15.8215	-13.1035	-0.0039	-0.0061	-0.0049	2.50	PASS
				-10.00	-11.8160	-5.0783	-4.9067	-0.0046	-0.0019	-0.0018	2.50	PASS
				0.00	-5.8937	-4.6062	2.0456	-0.0023	-0.0018	0.0008	2.50	PASS
				10.00	7.5531	-7.4244	-3.6335	0.0030	-0.0029	-0.0014	2.50	PASS
				20.00	2.4891	-10.0851	-3.8767	0.0010	-0.0039	-0.0015	2.50	PASS
				30.00	-2.6178	-2.0027	2.3174	-0.0010	-0.0008	0.0009	2.50	PASS
				40.00	-11.8303	3.5763	-4.6062	-0.0046	0.0014	-0.0017	2.50	PASS
				50.00	-10.6859	5.3072	-15.0061	-0.0042	0.0020	-0.0057	2.50	PASS
				60.00	10.5715	-6.0368	-11.3583	0.0041	-0.0023	-0.0043	2.50	PASS

Test Band: 41b 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	-2.1601	-10.8719	-3.9339	-0.0008	-0.0042	-0.0015	2.50	PASS
				NV	-9.5272	-22.6879	-16.4652	-0.0037	-0.0087	-0.0062	2.50	PASS
				HV	-2.7895	-2.6178	-6.2227	-0.0011	-0.0010	-0.0023	2.50	PASS
16QAM	50	0	NT	LV	-8.7404	-4.0483	-5.0783	-0.0034	-0.0016	-0.0019	2.50	PASS
				NV	-4.0913	-15.3923	-18.8255	-0.0016	-0.0059	-0.0071	2.50	PASS
				HV	-3.2902	-4.5776	-5.4502	-0.0013	-0.0018	-0.0021	2.50	PASS

Test Band: 41b 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-20.00	-5.4073	-11.8875	-3.3617	-0.0021	-0.0046	-0.0013	2.50	PASS
				-10.00	-12.9747	-8.8978	-4.6062	-0.0051	-0.0034	-0.0017	2.50	PASS
				0.00	-2.8753	-8.2254	-1.7309	-0.0011	-0.0032	-0.0007	2.50	PASS
				10.00	-4.1771	-11.4584	-5.0068	-0.0016	-0.0044	-0.0019	2.50	PASS
				20.00	-9.1839	-7.1812	-1.2302	-0.0036	-0.0028	-0.0005	2.50	PASS
				30.00	-4.4918	-13.6328	-4.9639	-0.0018	-0.0052	-0.0019	2.50	PASS
				40.00	-5.5361	-19.6552	-0.5436	-0.0022	-0.0075	-0.0002	2.50	PASS
				50.00	-5.1785	-1.7309	-5.7507	-0.0020	-0.0007	-0.0022	2.50	PASS
				60.00	-6.2084	-6.0368	-9.0694	-0.0024	-0.0023	-0.0034	2.50	PASS
16QAM	50	0	NV	-20.00	-2.4033	-10.0136	1.2732	-0.0009	-0.0038	0.0005	2.50	PASS
				-10.00	-4.6921	-3.4904	-3.9053	-0.0018	-0.0013	-0.0015	2.50	PASS
				0.00	-5.4216	-4.0197	-6.8665	-0.0021	-0.0015	-0.0026	2.50	PASS

				10.00	-3.0327	-12.2595	-4.8208	-0.0012	-0.0047	-0.0018	2.50	PASS
				20.00	-6.4516	-2.4605	-7.8821	-0.0025	-0.0009	-0.0030	2.50	PASS
				30.00	-4.6921	-2.3890	-7.0810	-0.0018	-0.0009	-0.0027	2.50	PASS
				40.00	-7.4816	-13.0606	-6.9809	-0.0029	-0.0050	-0.0026	2.50	PASS
				50.00	-13.3610	3.8481	-7.3814	-0.0052	0.0015	-0.0028	2.50	PASS
				60.00	-1.7738	-5.8508	-2.4319	-0.0007	-0.0022	-0.0009	2.50	PASS

Test Band: 41b 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	-4.9496	-7.0953	-7.5245	-0.0019	-0.0027	-0.0028	2.50	PASS
				NV	-8.1396	-16.8085	-9.9850	-0.0032	-0.0065	-0.0038	2.50	PASS
				HV	-3.8481	-10.0708	-4.3201	-0.0015	-0.0039	-0.0016	2.50	PASS
16QAM	75	0	NT	LV	-0.9871	-3.1614	-11.5013	-0.0004	-0.0012	-0.0043	2.50	PASS
				NV	-2.2030	-9.8991	-14.0762	-0.0009	-0.0038	-0.0053	2.50	PASS
				HV	-7.2670	-6.5660	-7.5245	-0.0028	-0.0025	-0.0028	2.50	PASS

Test Band: 41b 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-20.00	-5.0068	-6.5804	-9.4700	-0.0020	-0.0025	-0.0036	2.50	PASS
				-10.00	-2.0170	-9.0265	-3.9196	-0.0008	-0.0035	-0.0015	2.50	PASS
				0.00	-7.3242	-6.9523	-2.6035	-0.0029	-0.0027	-0.0010	2.50	PASS
				10.00	-7.2670	-7.3957	-6.8235	-0.0028	-0.0028	-0.0026	2.50	PASS
				20.00	-4.8780	-7.1812	-12.4598	-0.0019	-0.0028	-0.0047	2.50	PASS
				30.00	-13.7758	-4.3058	-11.8303	-0.0054	-0.0017	-0.0045	2.50	PASS
				40.00	-0.4005	-14.0333	-6.7234	-0.0002	-0.0054	-0.0025	2.50	PASS
				50.00	-7.4673	-10.4570	-16.7227	-0.0029	-0.0040	-0.0063	2.50	PASS
				60.00	-4.1628	-11.8446	-4.9782	-0.0016	-0.0045	-0.0019	2.50	PASS
16QAM	75	0	NV	-20.00	-5.0068	-10.8433	-10.0422	-0.0020	-0.0042	-0.0038	2.50	PASS
				-10.00	-4.7350	-10.1137	-4.2200	-0.0018	-0.0039	-0.0016	2.50	PASS
				0.00	-6.1226	-4.7922	-6.5947	-0.0024	-0.0018	-0.0025	2.50	PASS
				10.00	-4.8780	-0.0572	-5.7507	-0.0019	0.0000	-0.0022	2.50	PASS
				20.00	-9.5987	-8.9121	-9.9421	-0.0037	-0.0034	-0.0038	2.50	PASS
				30.00	-8.0967	-4.7779	-11.6587	-0.0032	-0.0018	-0.0044	2.50	PASS
				40.00	-11.4584	-4.1342	-11.4870	-0.0045	-0.0016	-0.0043	2.50	PASS
				50.00	-10.5572	-6.4373	-4.1628	-0.0041	-0.0025	-0.0016	2.50	PASS
				60.00	-6.9237	-9.7275	-4.2629	-0.0027	-0.0037	-0.0016	2.50	PASS

Test Band: 41b 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	-9.3412	-4.8637	-7.6389	-0.0036	-0.0019	-0.0029	2.50	PASS
				NV	-12.9032	-8.2684	-1.4877	-0.0050	-0.0032	-0.0006	2.50	PASS
				HV	0.1431	-5.5933	-3.4761	0.0001	-0.0021	-0.0013	2.50	PASS
16QAM	100	0	NT	LV	-0.1287	-4.3917	-8.5258	-0.0001	-0.0017	-0.0032	2.50	PASS
				NV	-0.3290	1.0157	-7.9966	-0.0001	0.0004	-0.0030	2.50	PASS
				HV	4.1485	-1.3304	-3.4475	0.0016	-0.0005	-0.0013	2.50	PASS

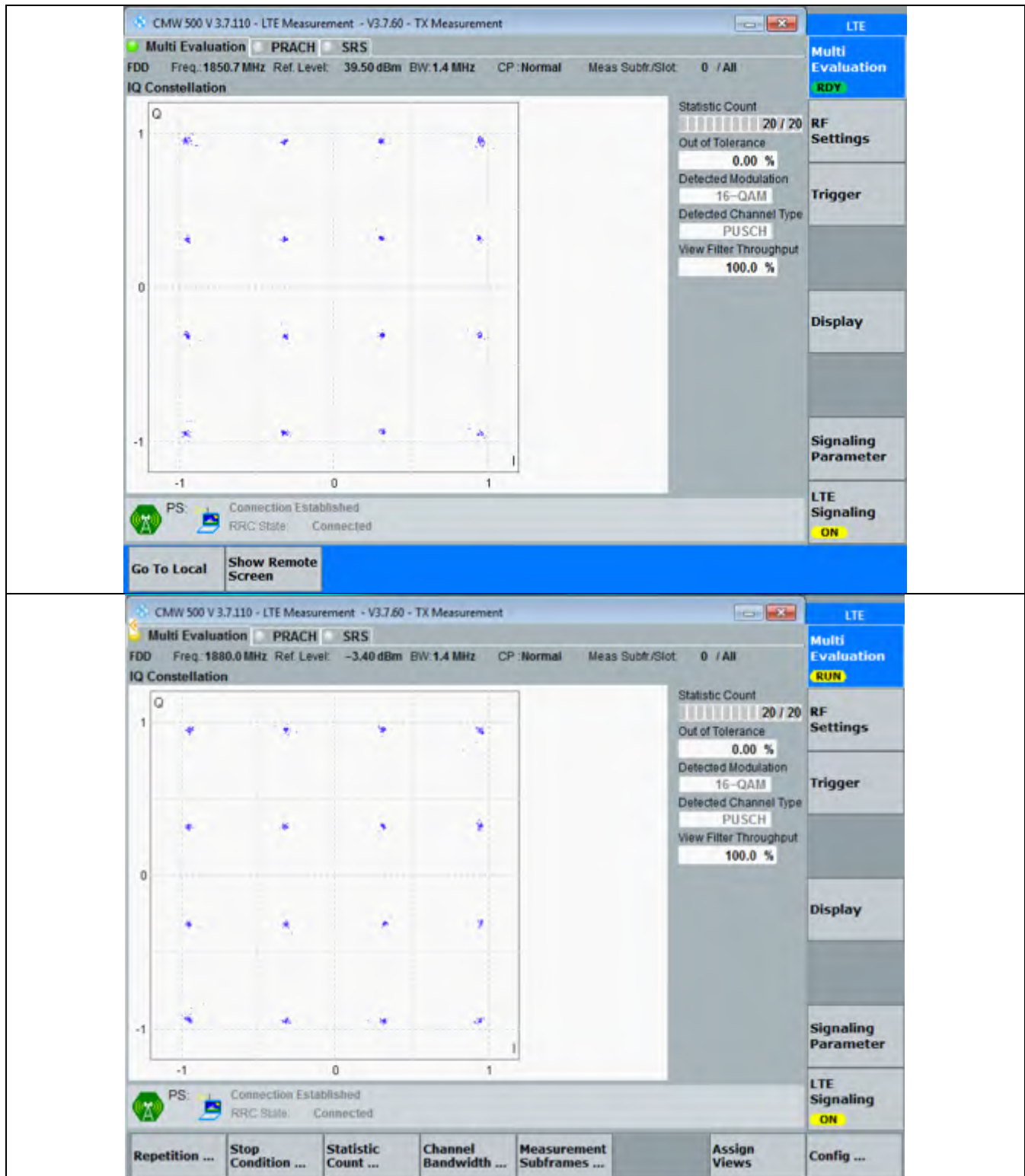
Test Band: 41b 20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-20.00	-6.8665	-4.8351	-3.1757	-0.0027	-0.0019	-0.0012	2.50	PASS
				-10.00	-13.3896	-2.2888	-8.2541	-0.0052	-0.0009	-0.0031	2.50	PASS

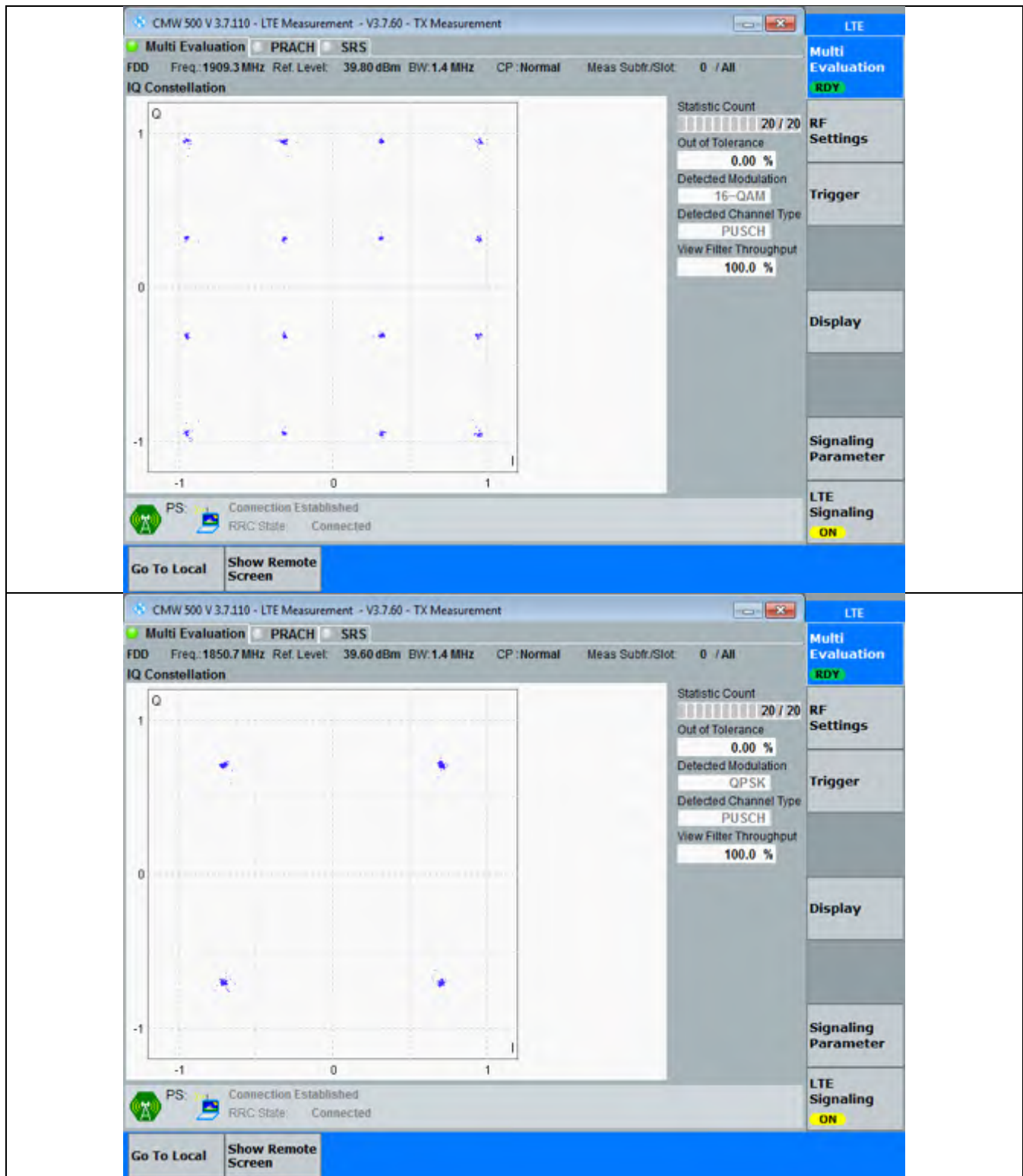


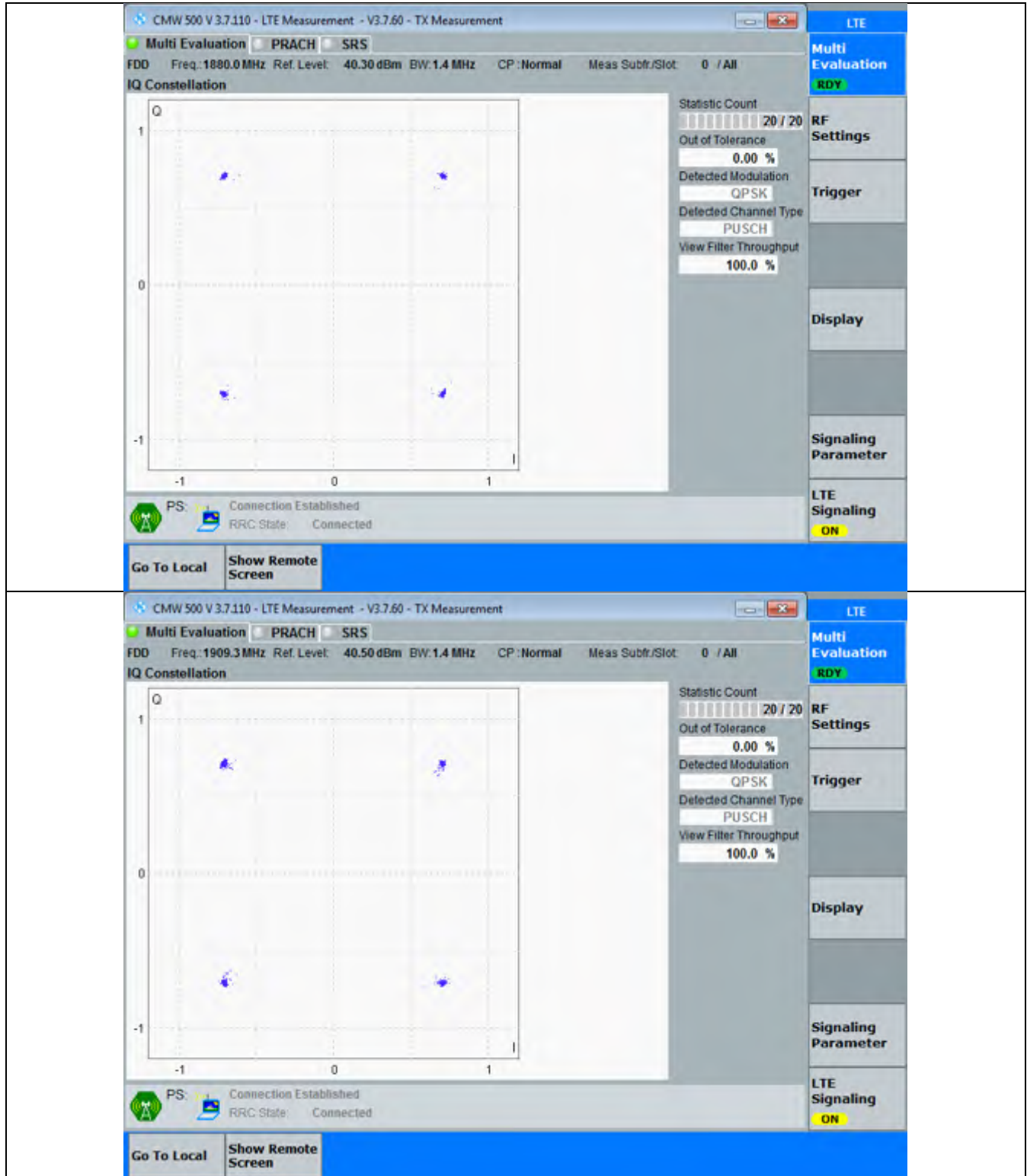
				0.00	-9.7990	-3.7766	-4.7779	-0.0038	-0.0014	-0.0018	2.50	PASS
				10.00	-9.6989	-13.5469	-4.8923	-0.0038	-0.0052	-0.0018	2.50	PASS
				20.00	-4.9925	-0.1001	-6.7520	-0.0019	0.0000	-0.0026	2.50	PASS
				30.00	-3.9625	-12.3167	-8.3685	-0.0015	-0.0047	-0.0032	2.50	PASS
				40.00	-8.5831	-1.5306	-4.8208	-0.0033	-0.0006	-0.0018	2.50	PASS
				50.00	-0.5150	0.8011	-6.1655	-0.0002	0.0003	-0.0023	2.50	PASS
				60.00	-14.8773	-16.7370	-9.0265	-0.0058	-0.0064	-0.0034	2.50	PASS
16QAM	100	0	NV	-20.00	-6.4230	-5.5647	-3.1614	-0.0025	-0.0021	-0.0012	2.50	PASS
				-10.00	-3.8052	-1.1158	-1.9884	-0.0015	-0.0004	-0.0008	2.50	PASS
				0.00	-5.2357	-6.9523	-7.7105	-0.0020	-0.0027	-0.0029	2.50	PASS
				10.00	-4.3344	-4.1914	-5.4216	-0.0017	-0.0016	-0.0020	2.50	PASS
				20.00	-4.6062	-12.9890	-0.1431	-0.0018	-0.0050	-0.0001	2.50	PASS
				30.00	-4.2486	-4.8923	-5.7793	-0.0017	-0.0019	-0.0022	2.50	PASS
				40.00	-9.2983	-2.4891	-7.5388	-0.0036	-0.0010	-0.0029	2.50	PASS
				50.00	-13.7186	-3.1185	-10.9291	-0.0053	-0.0012	-0.0041	2.50	PASS
				60.00	-10.9577	-11.4012	-1.1873	-0.0043	-0.0044	-0.0004	2.50	PASS

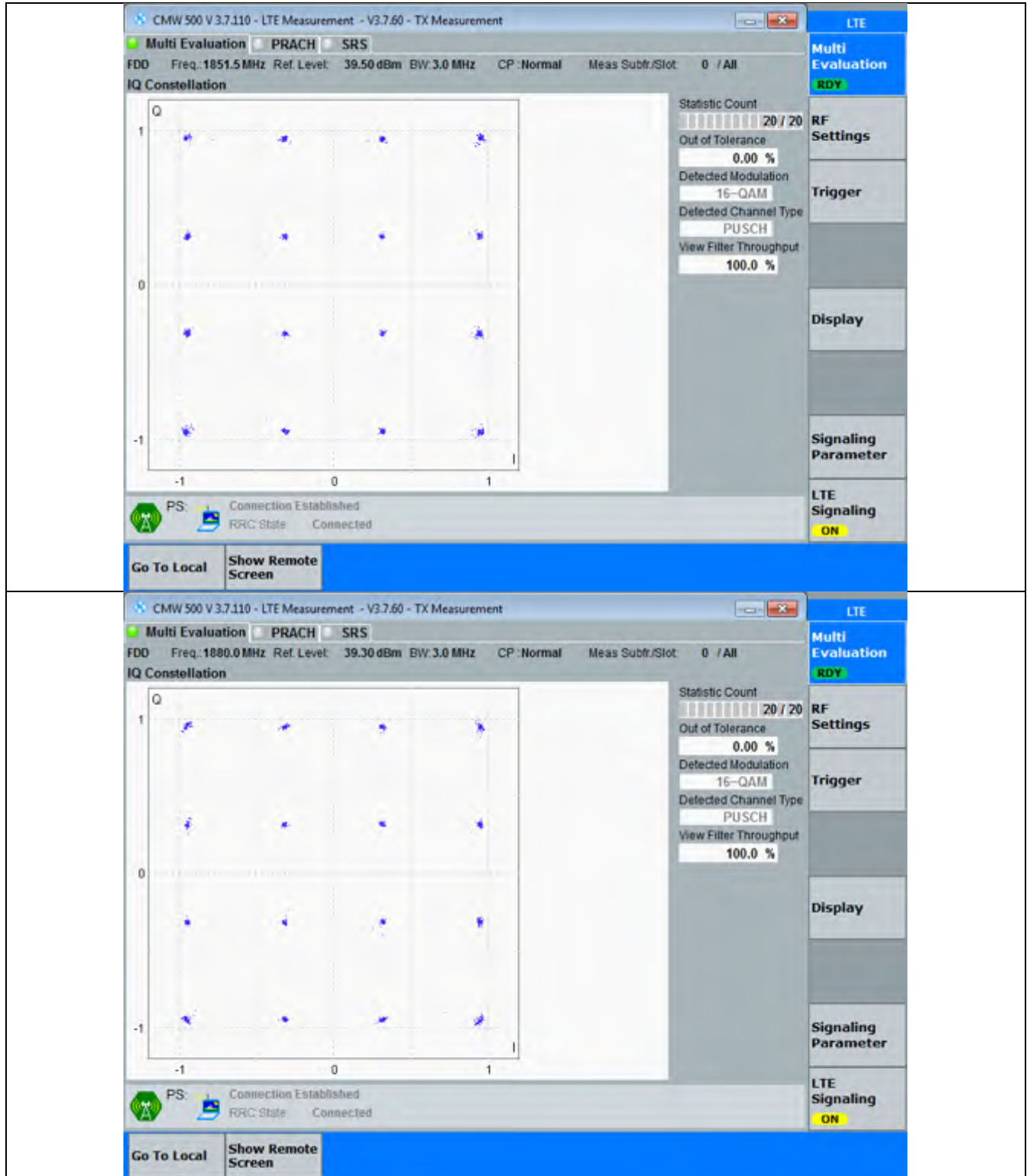
3.Modulation Characteristics

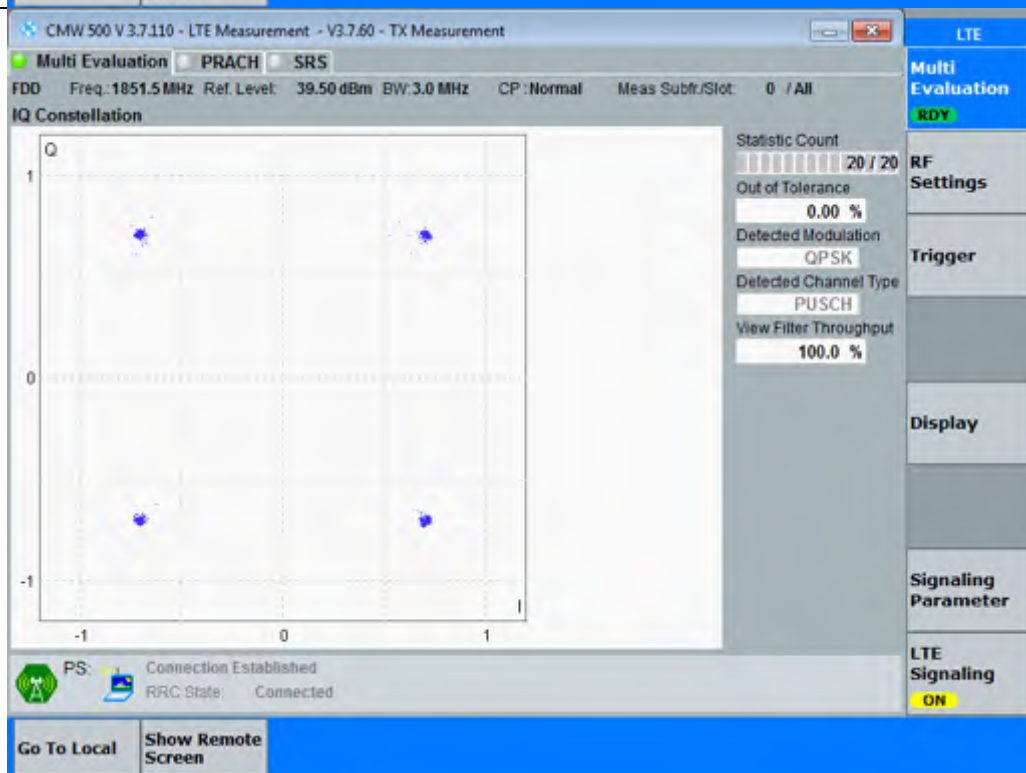
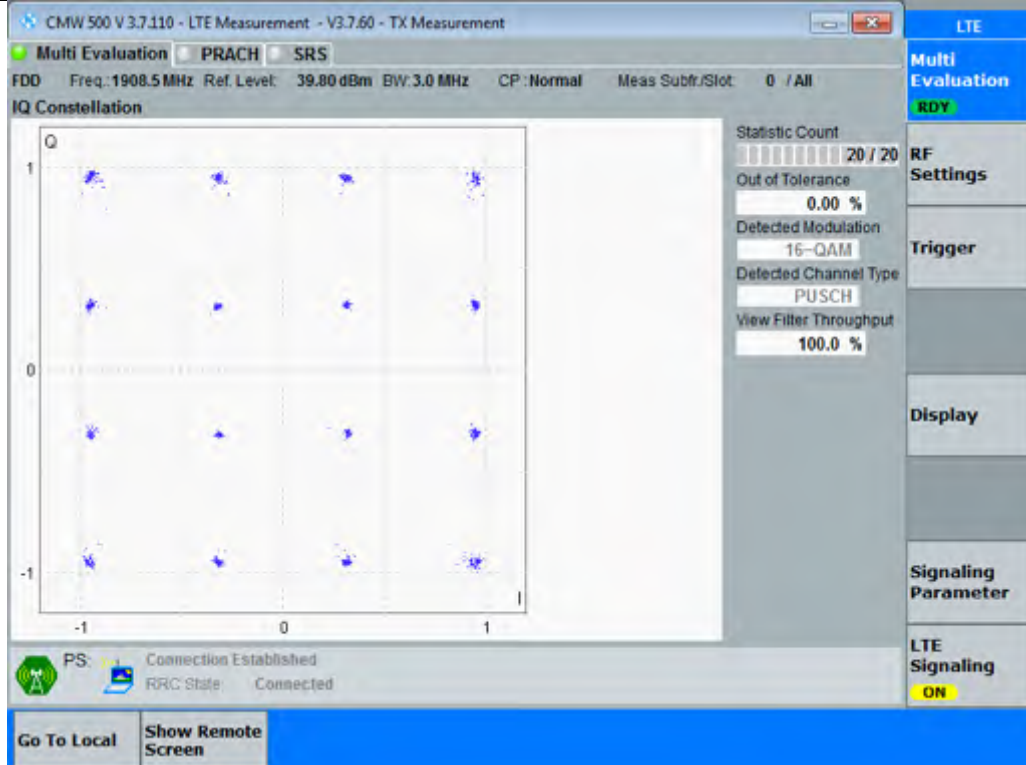
Band 2

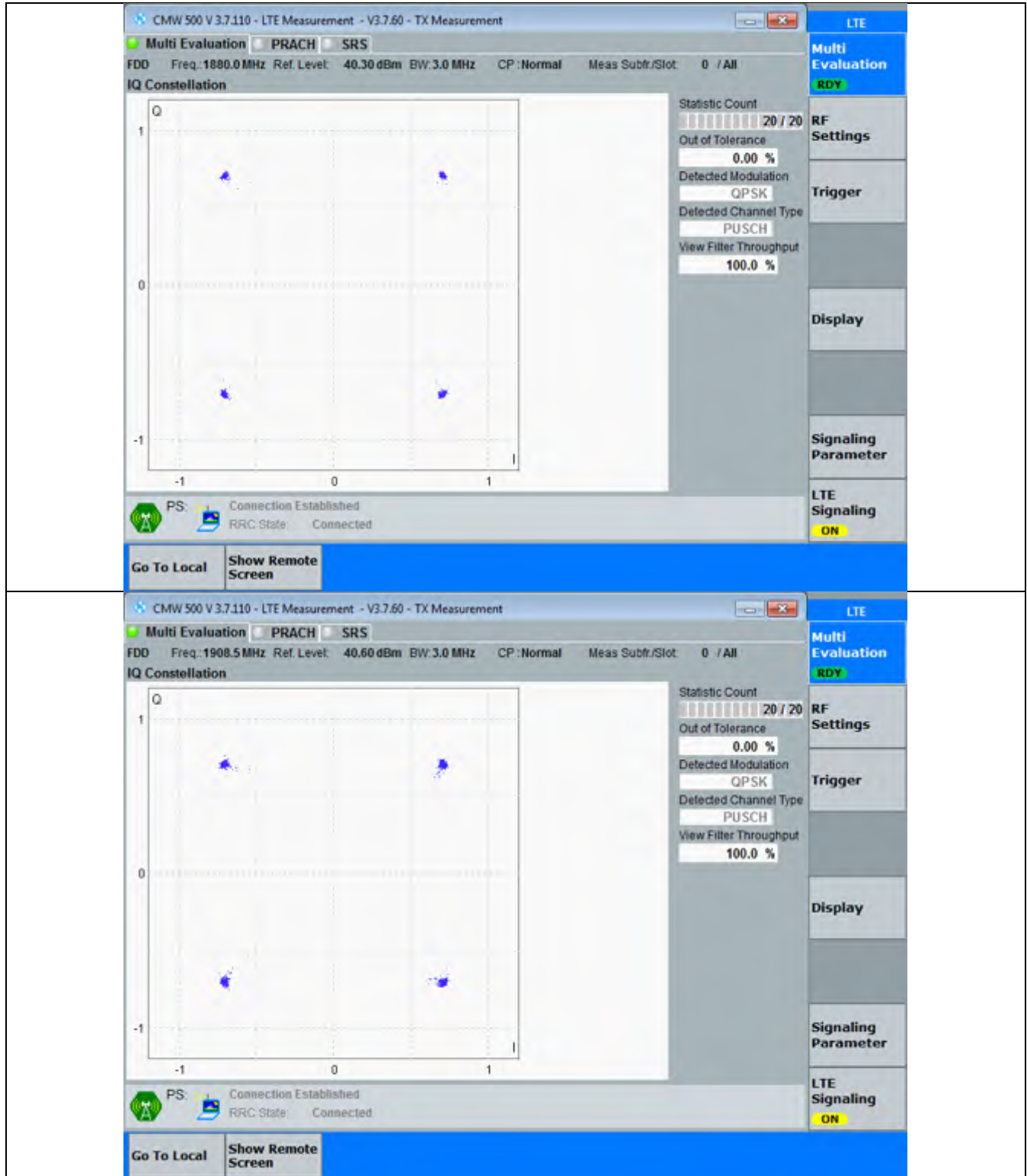


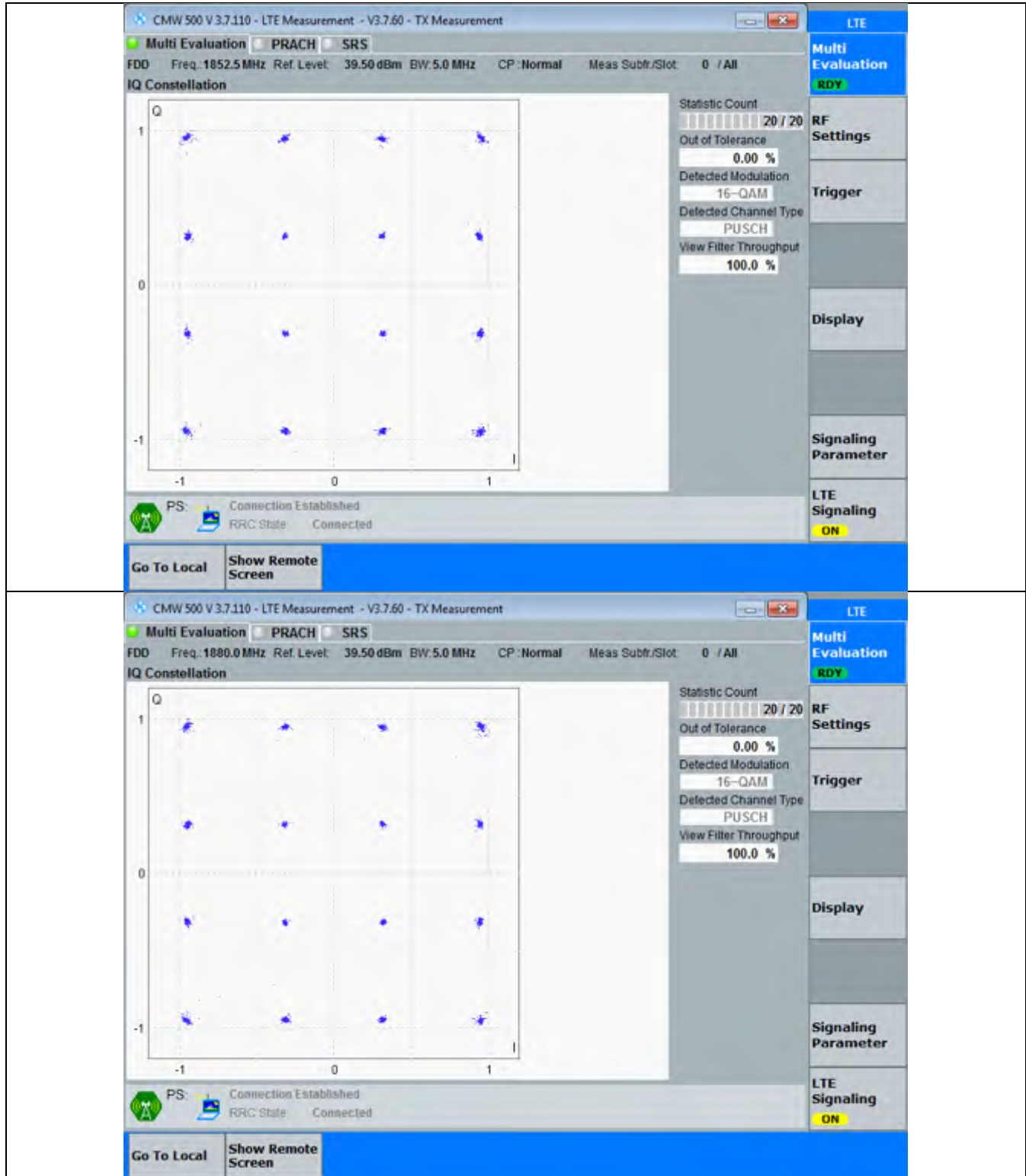


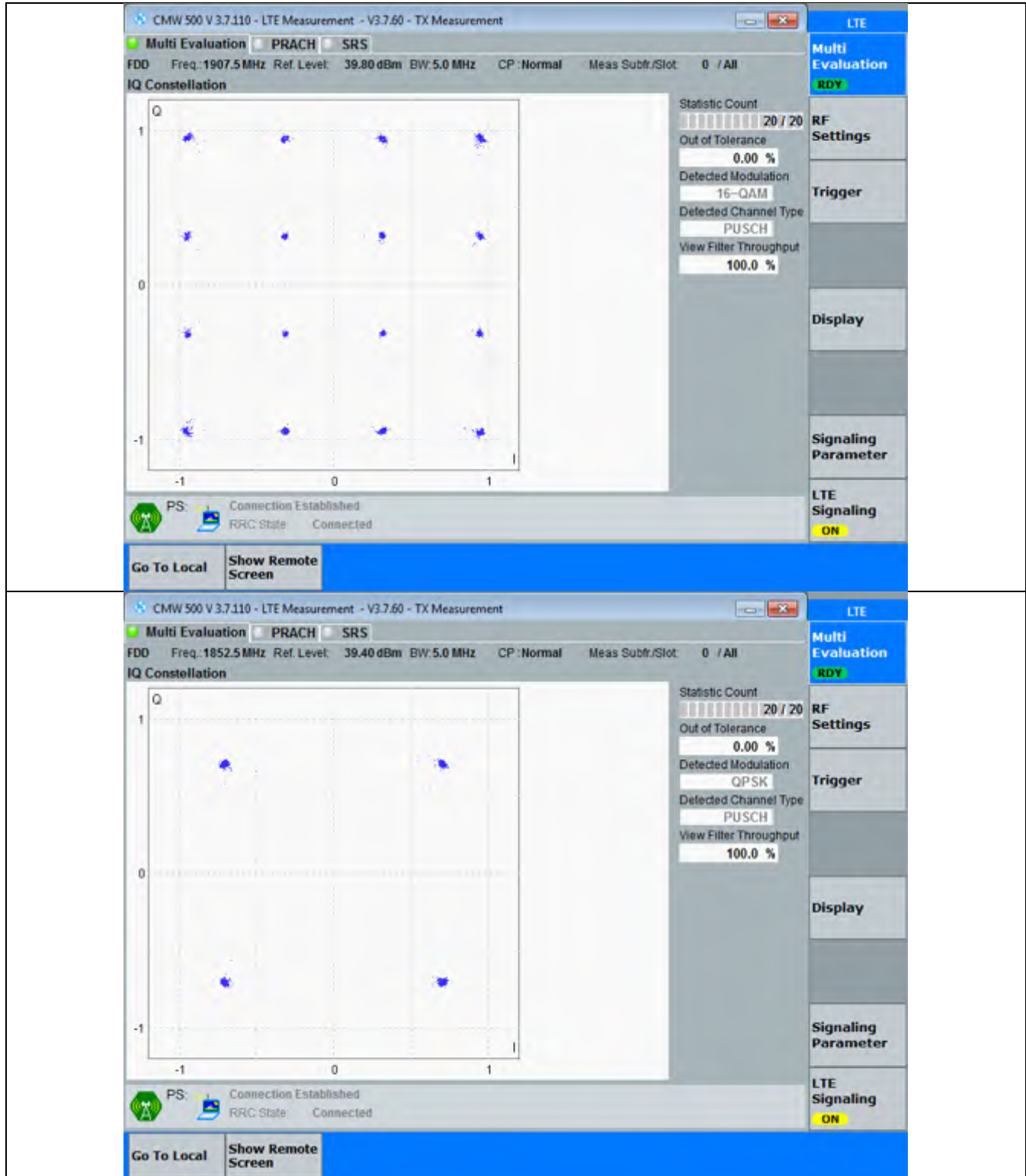


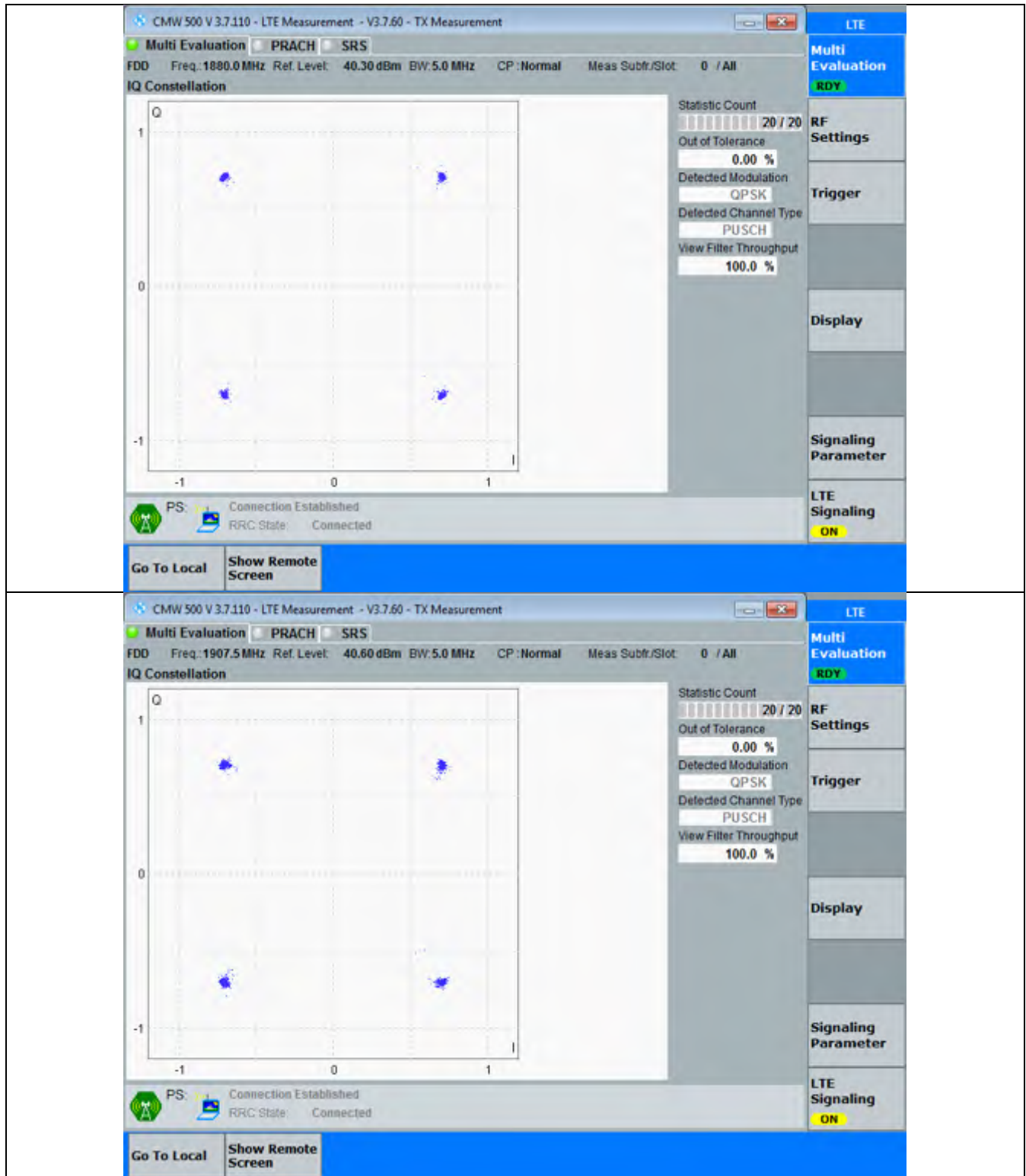


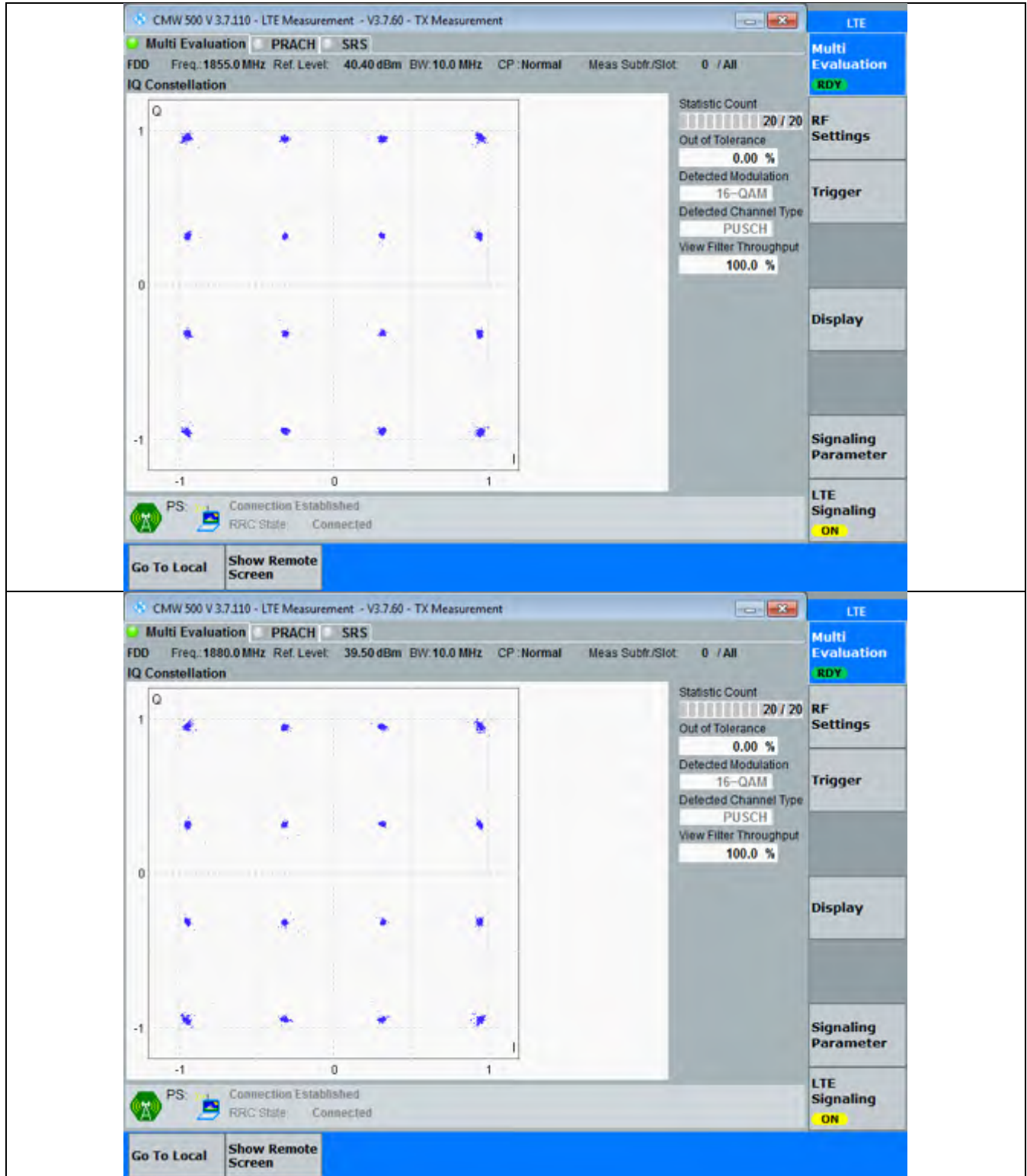


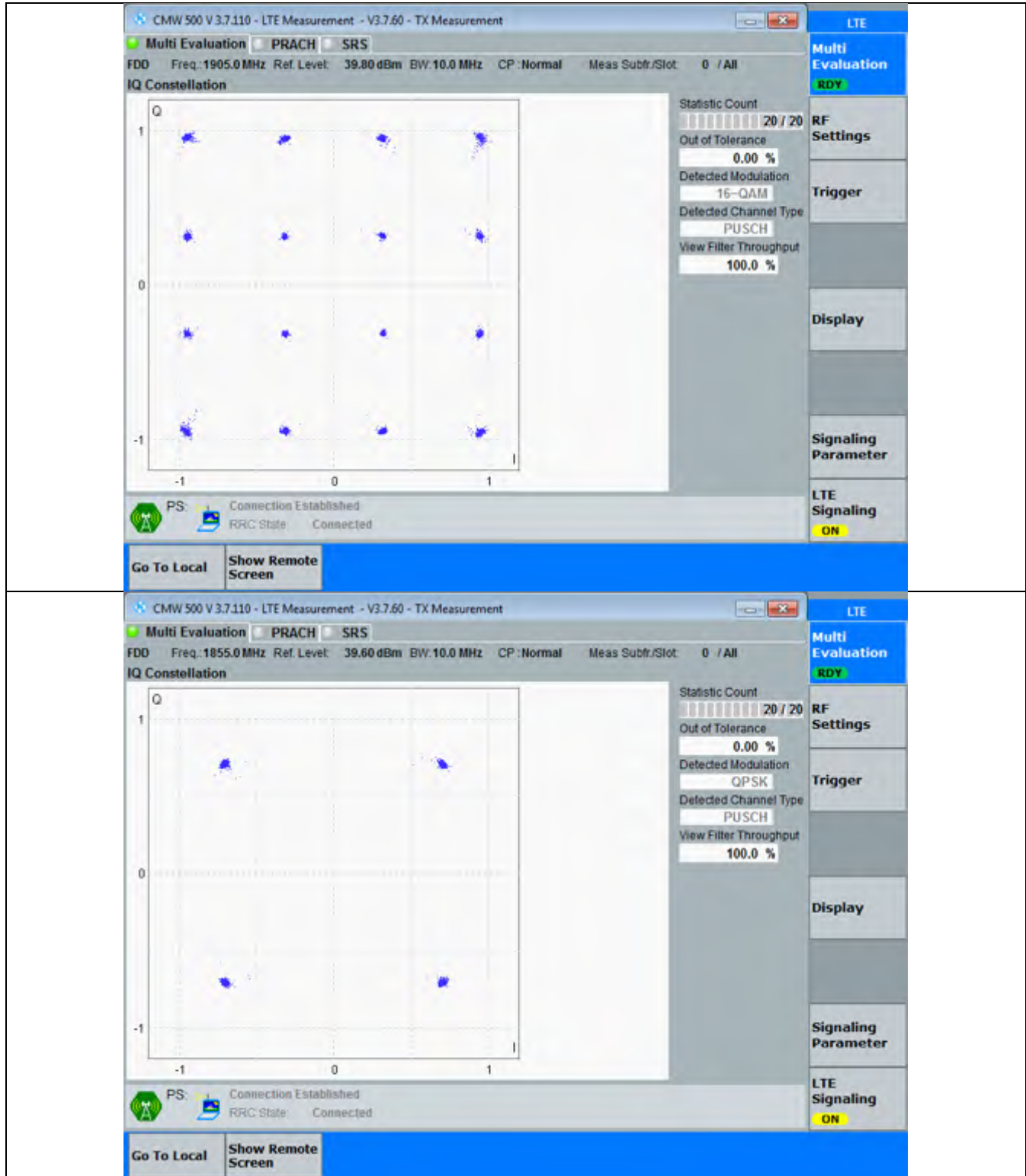


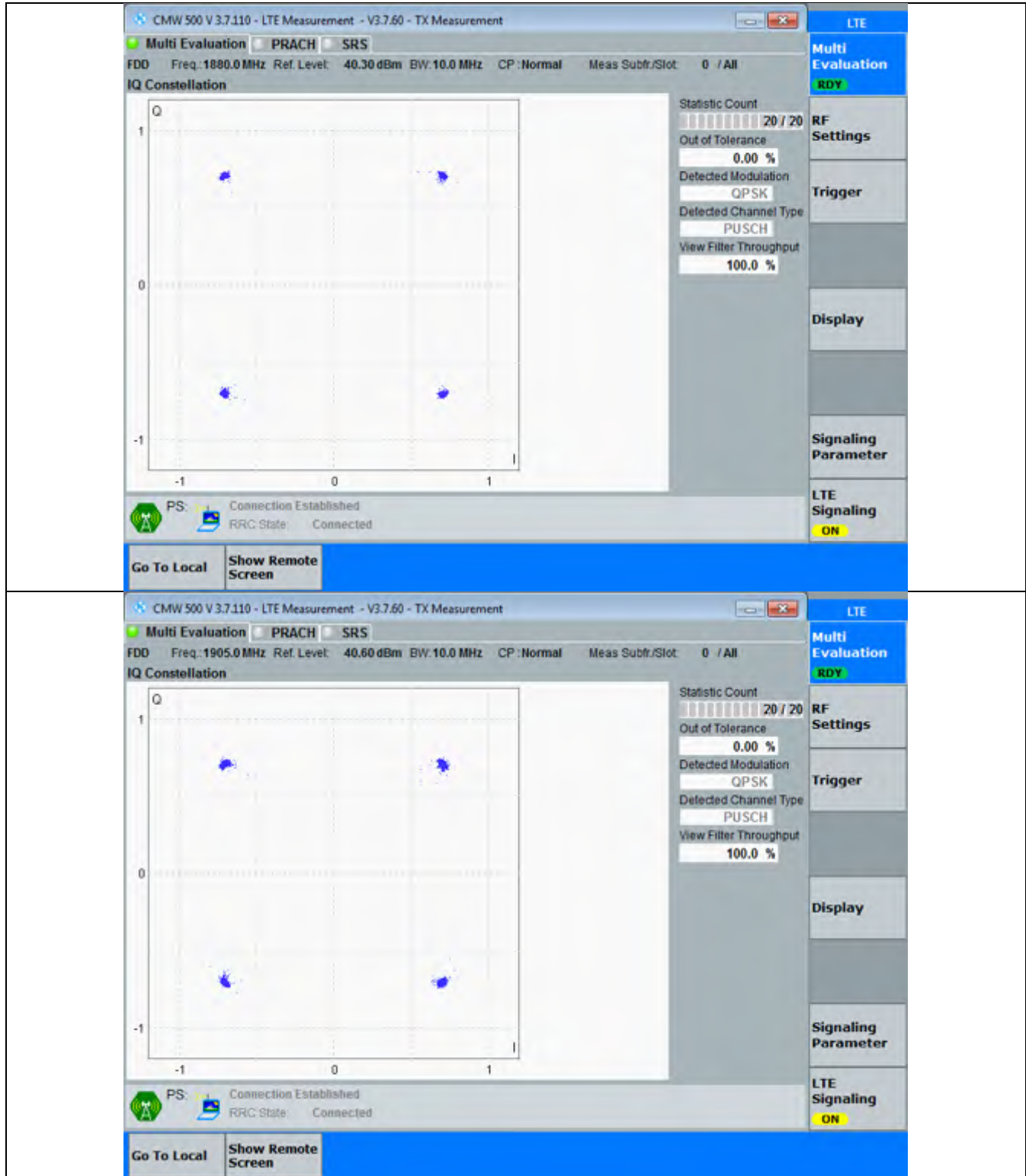


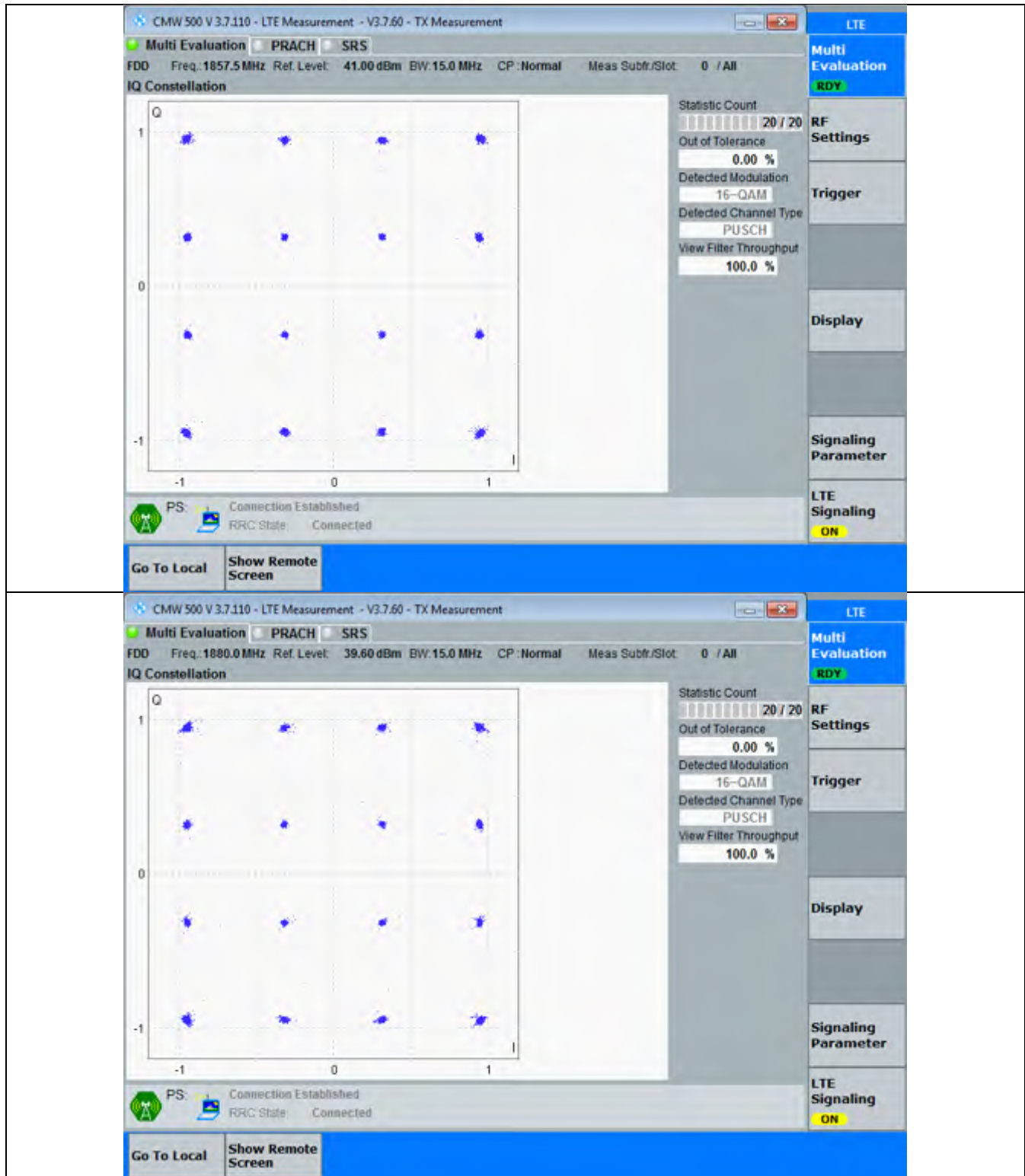


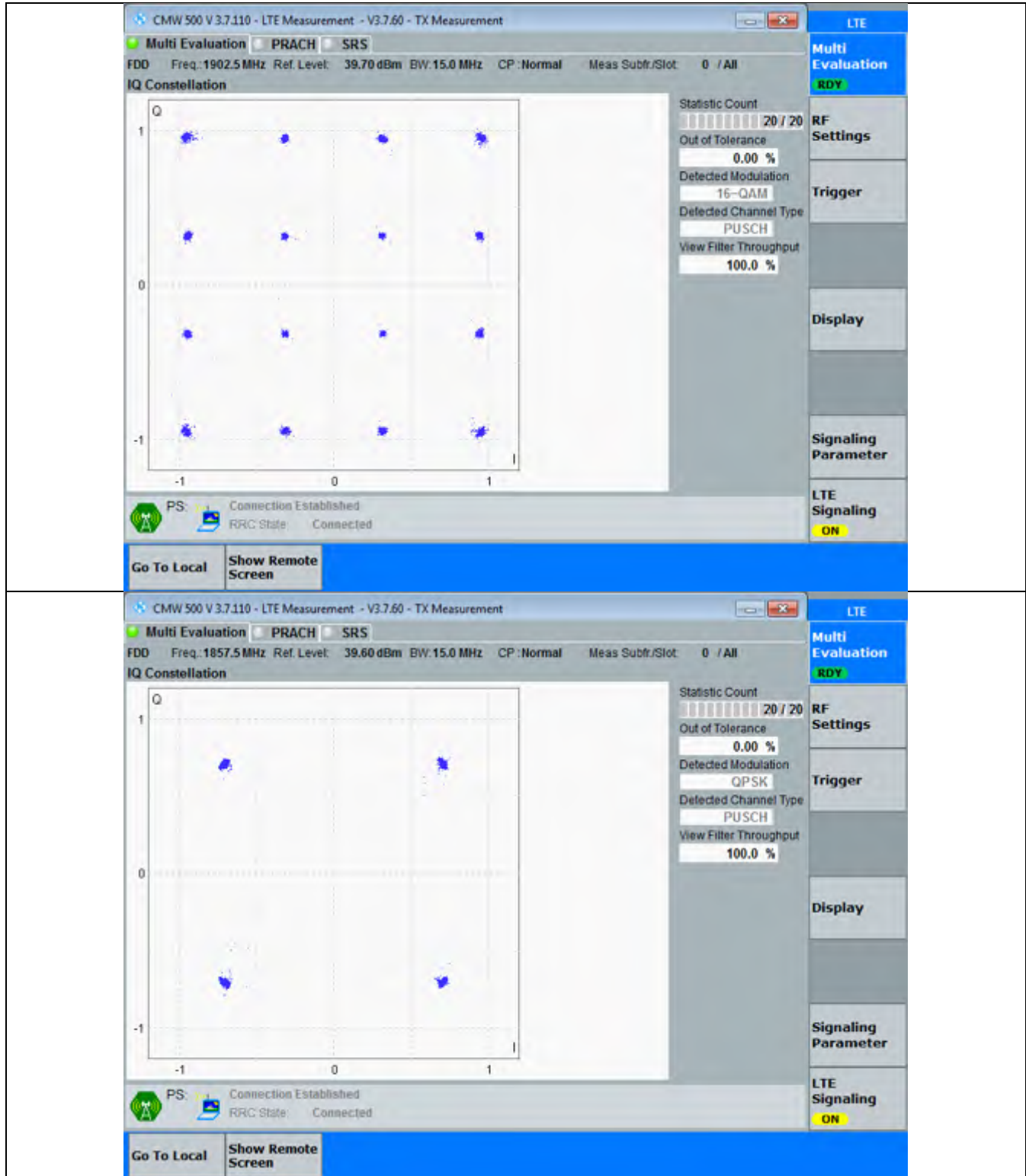


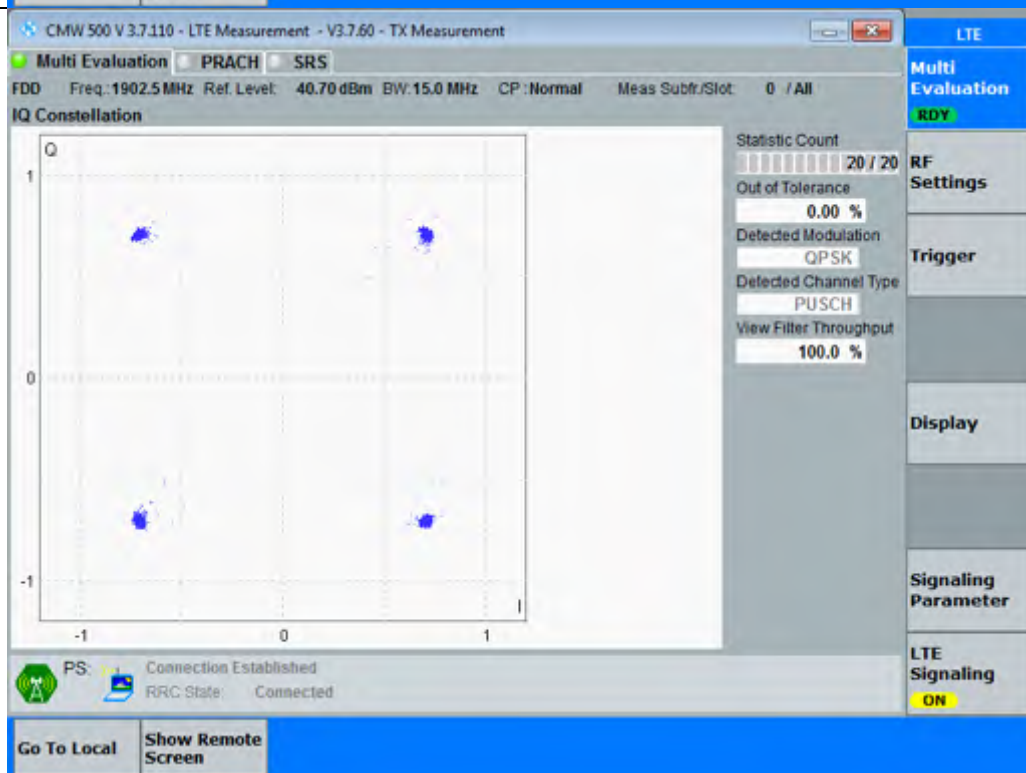
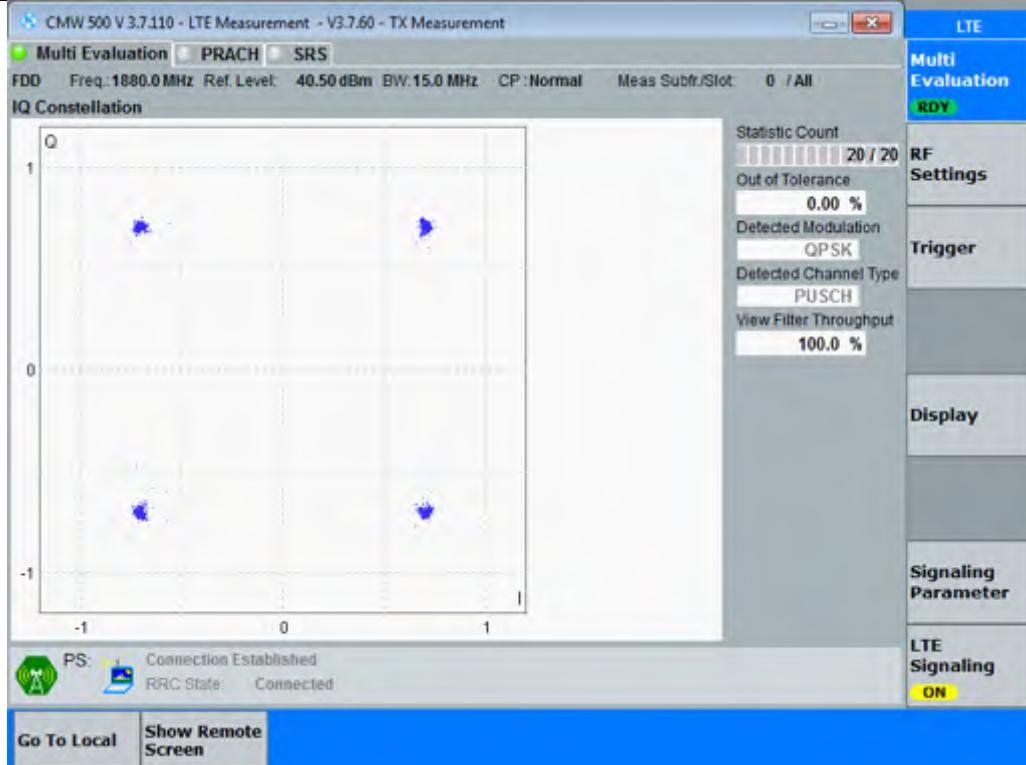


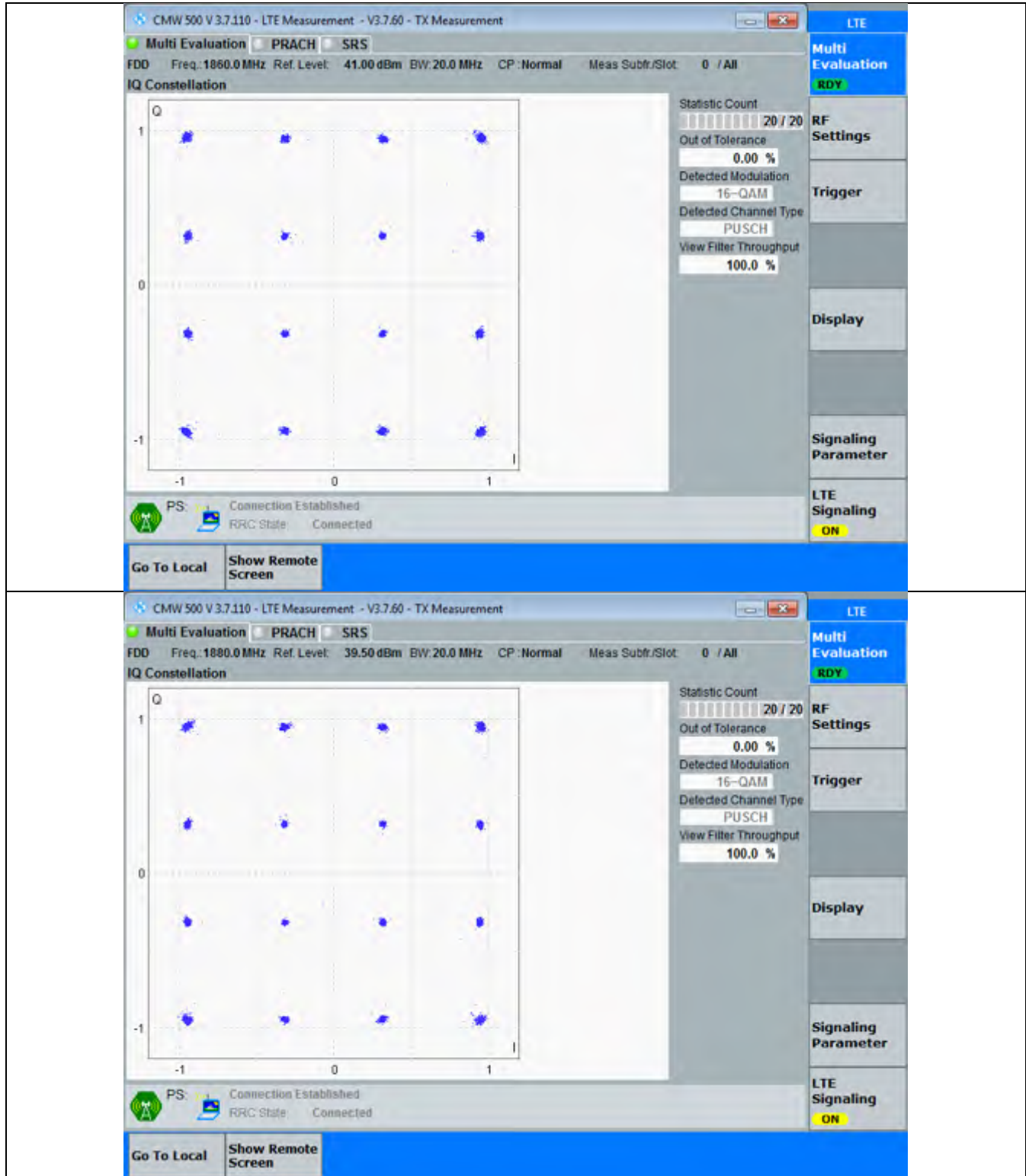


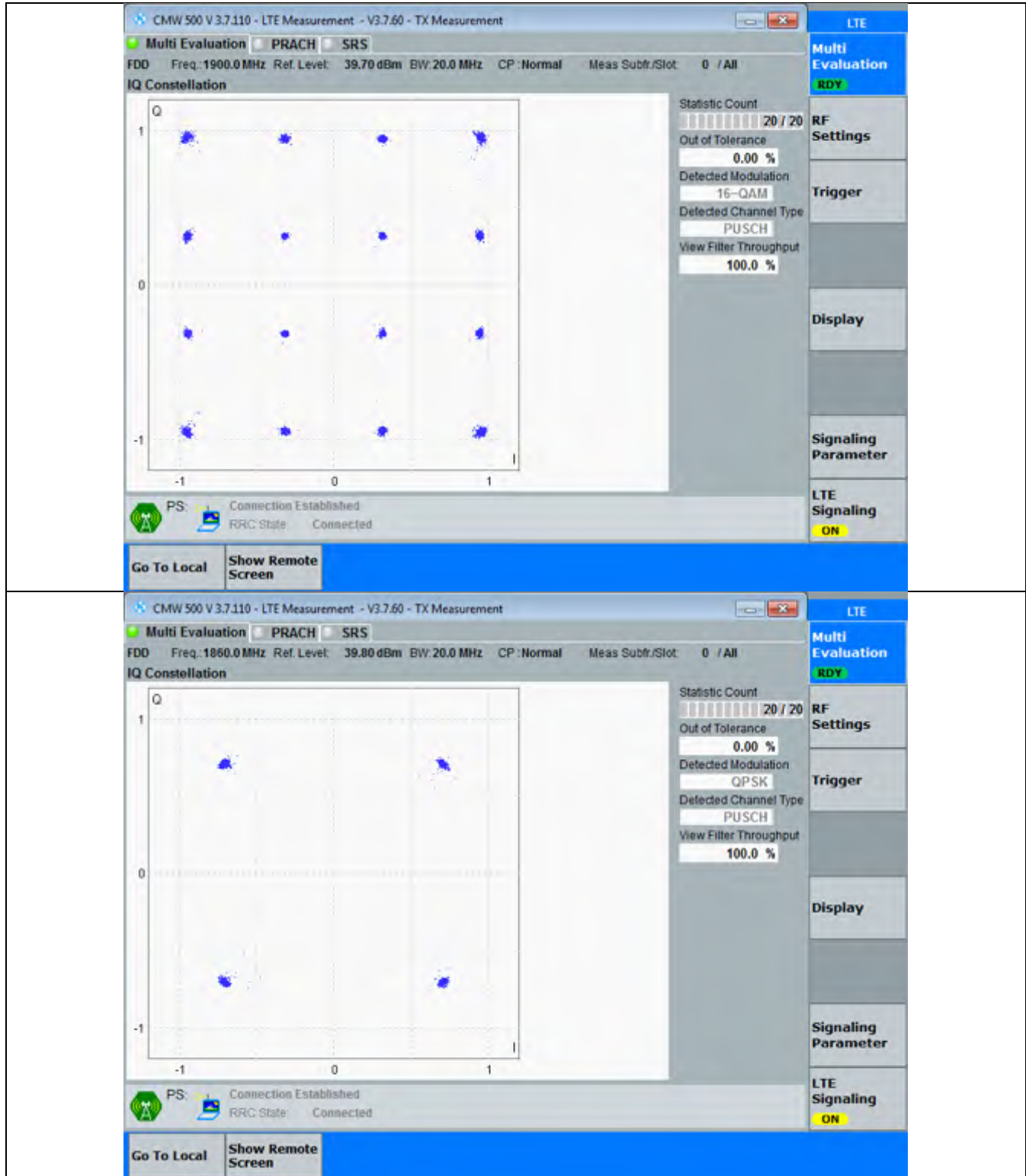


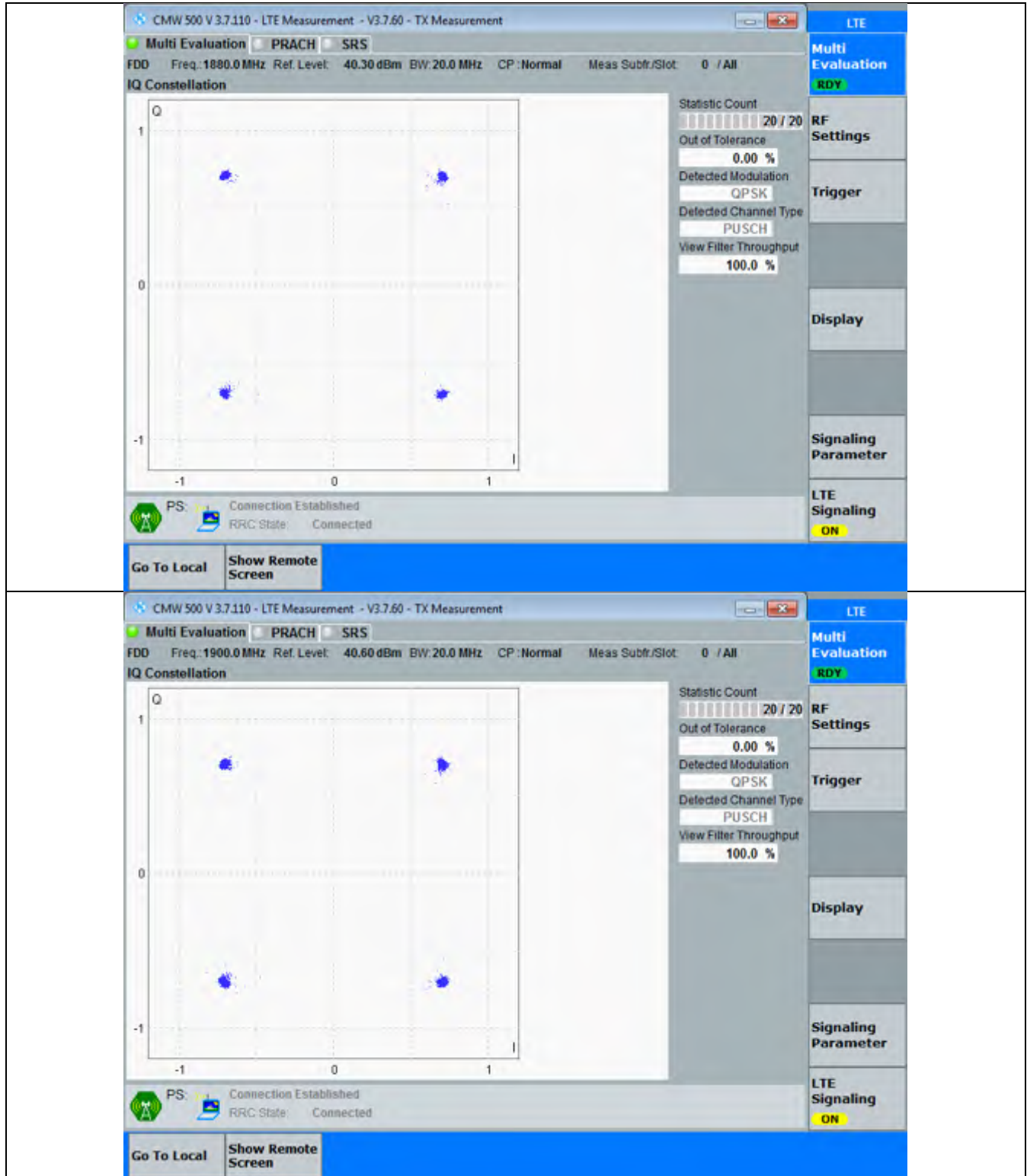


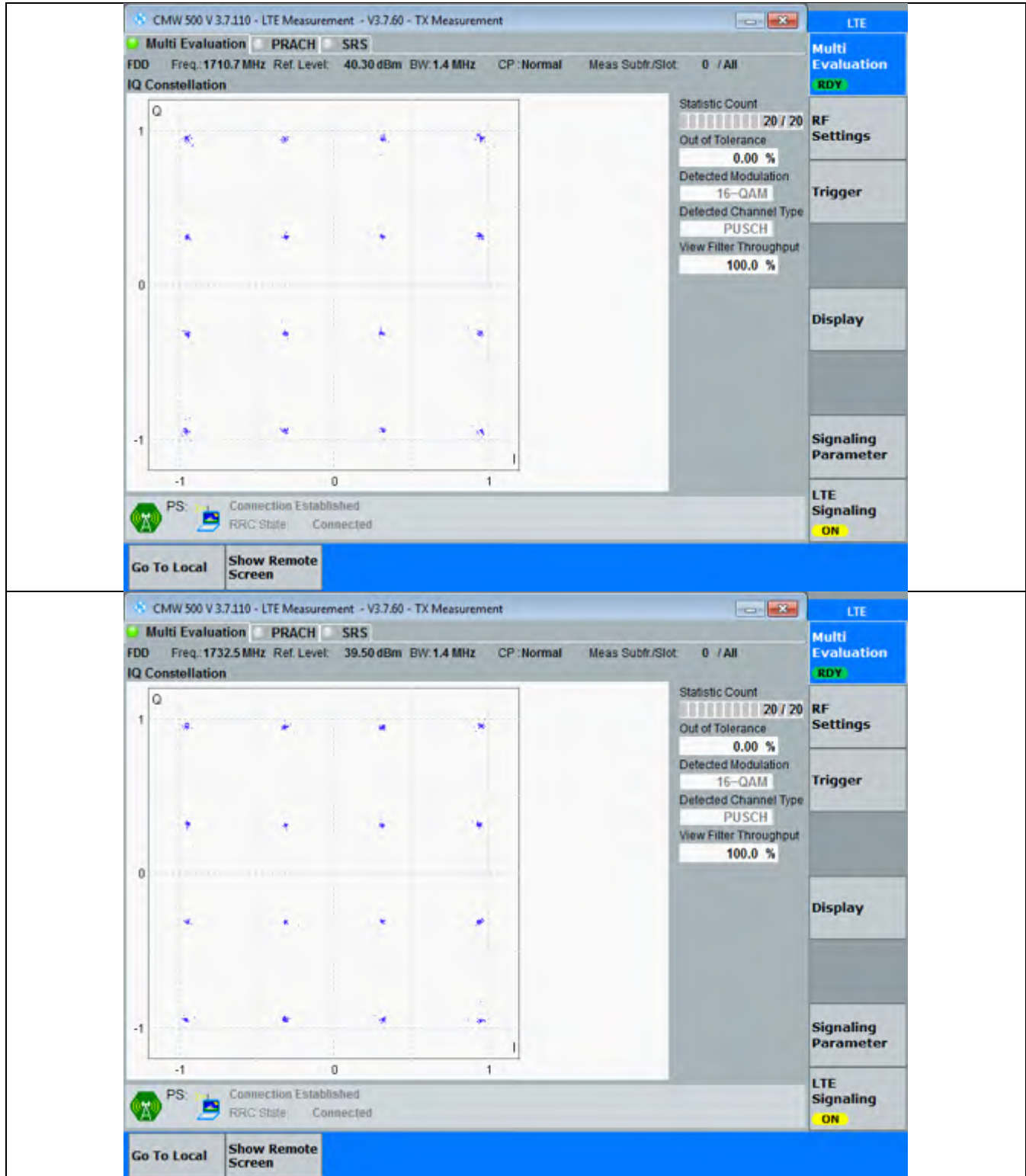


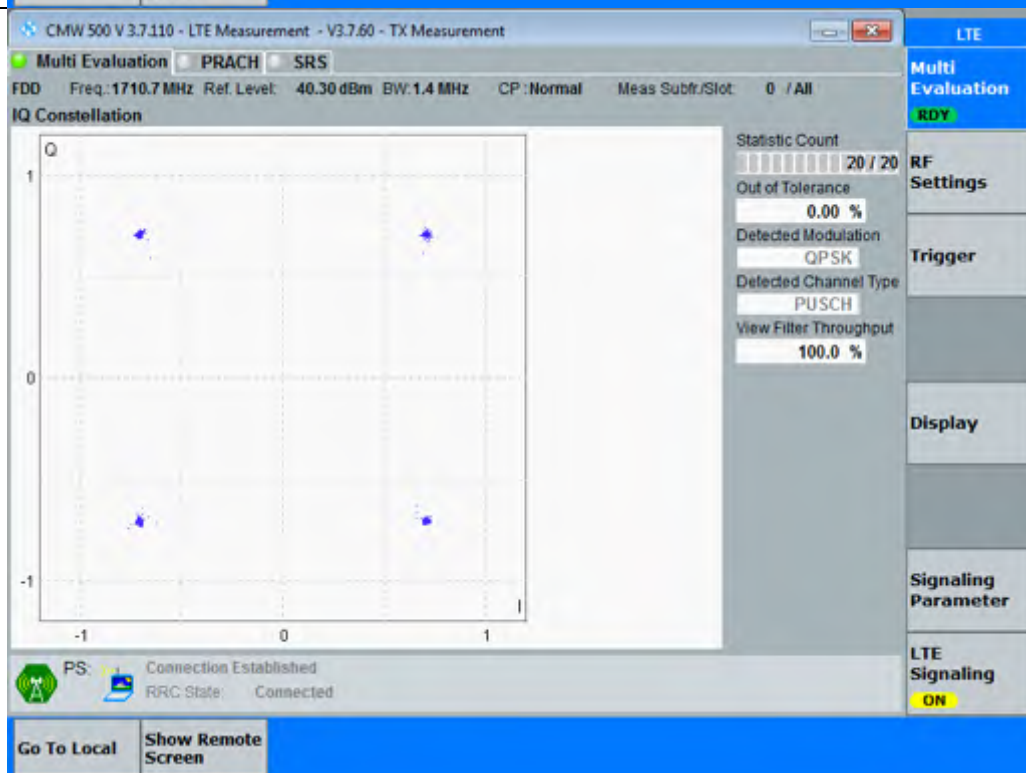
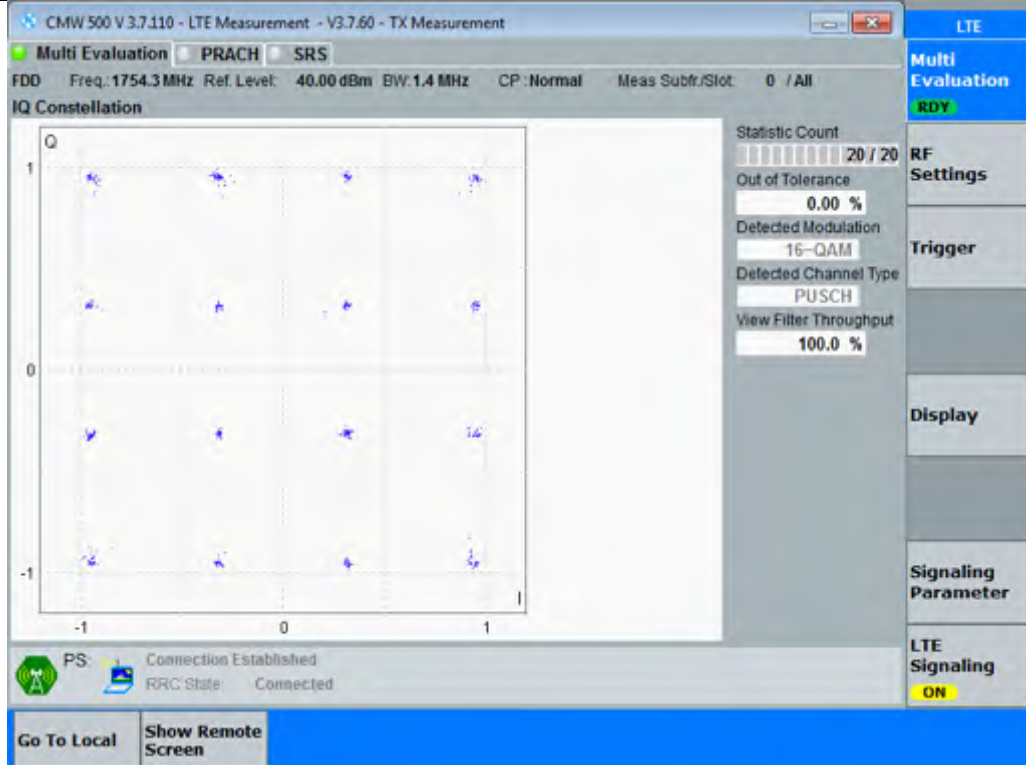


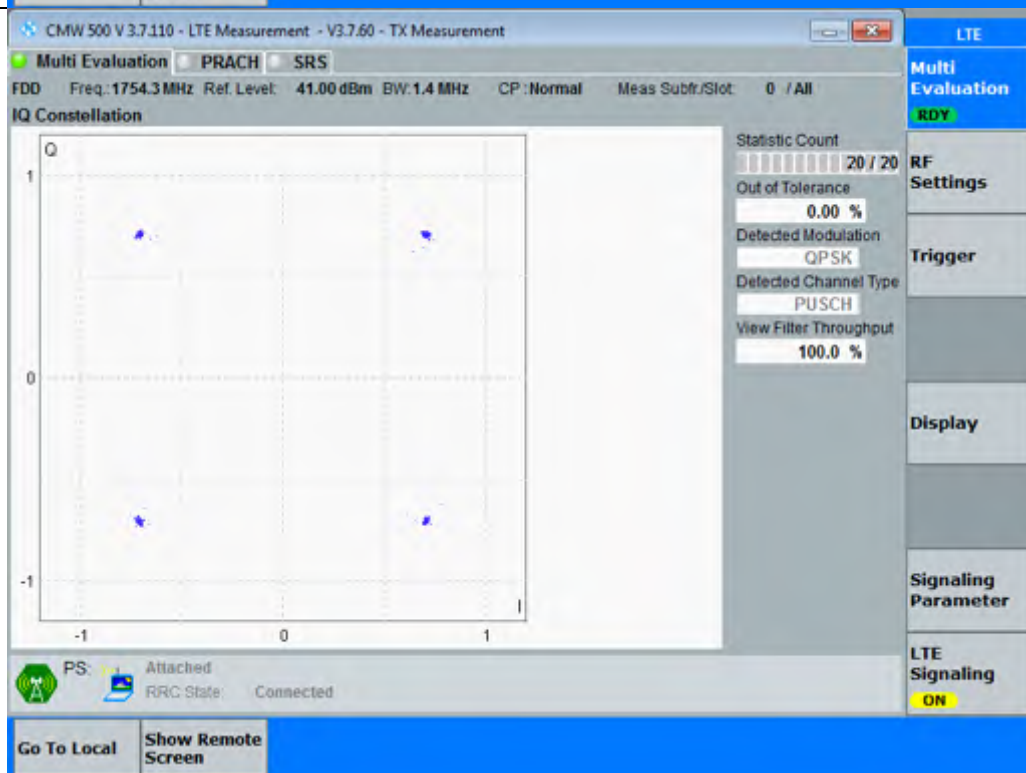
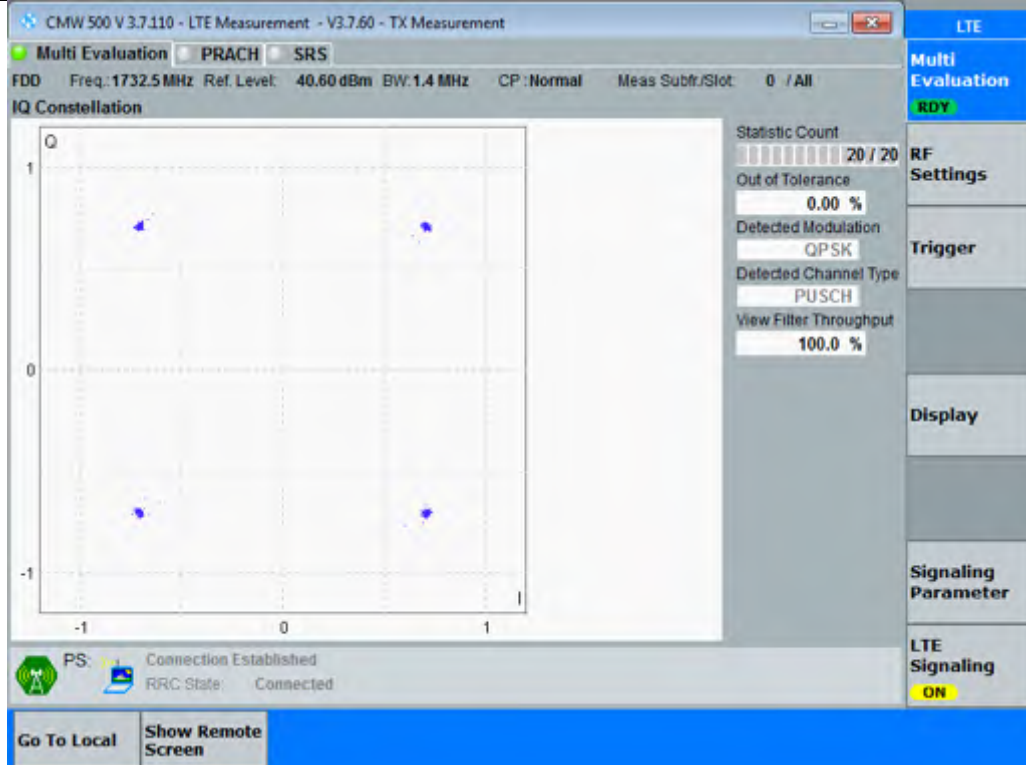


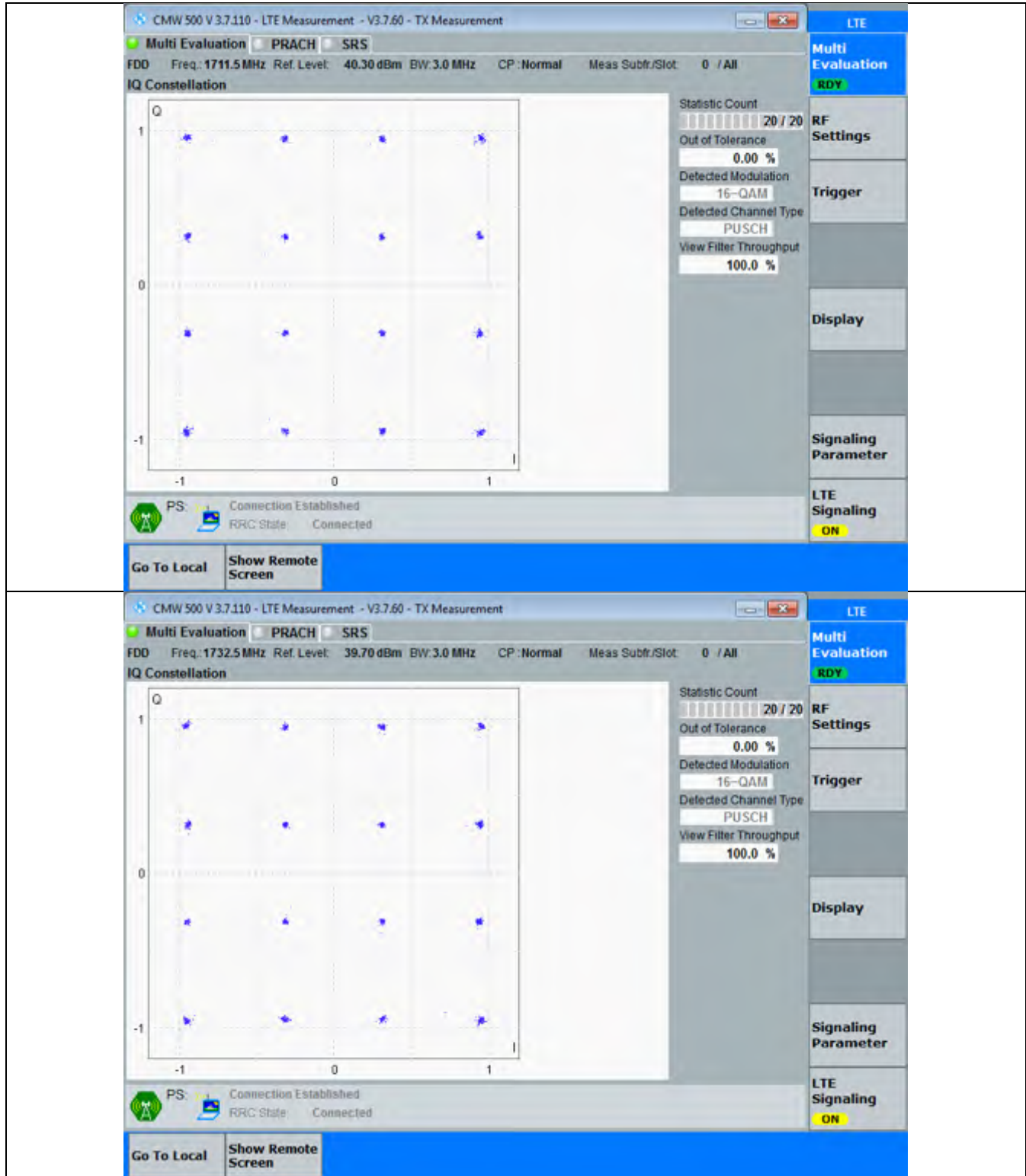


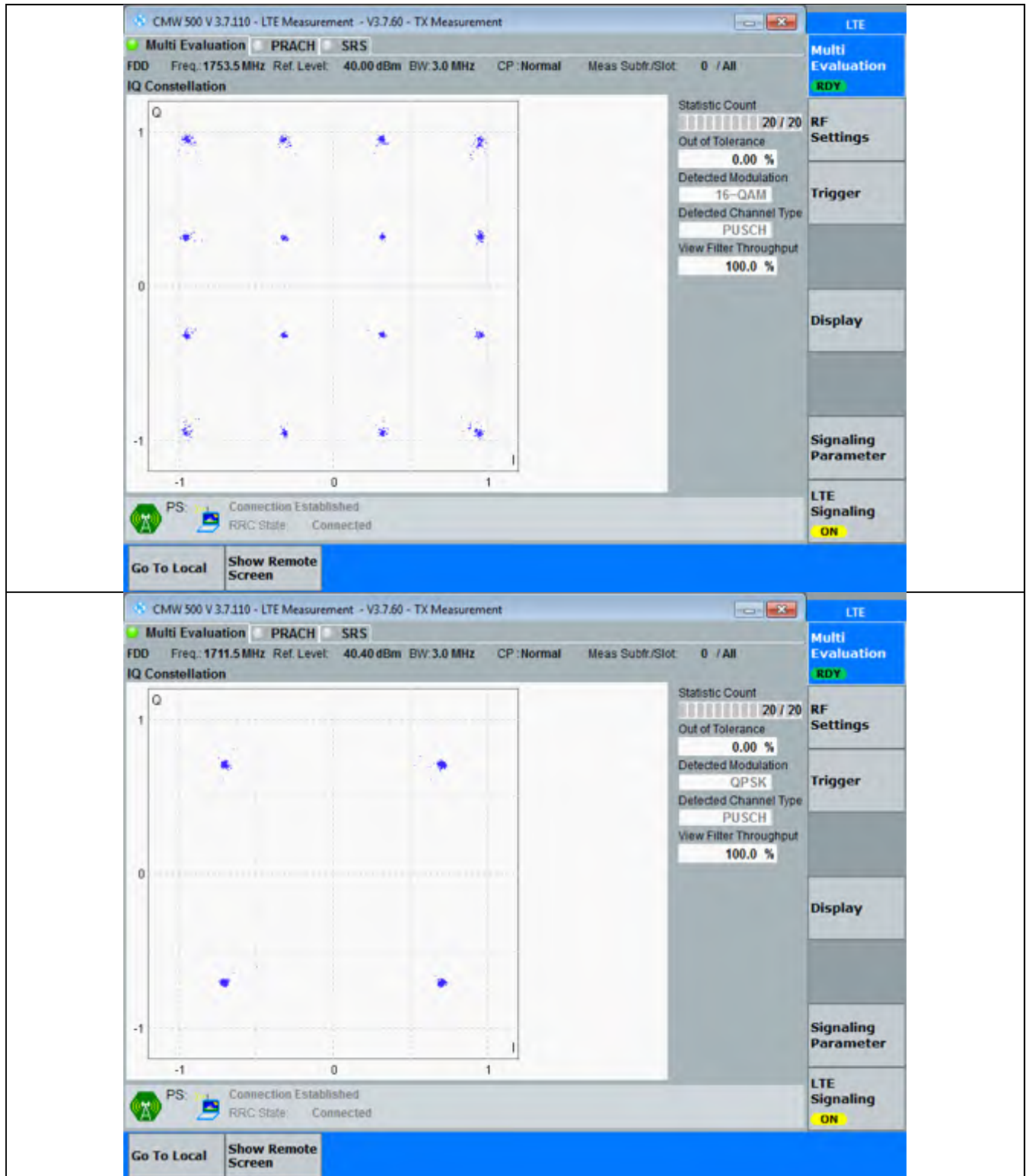


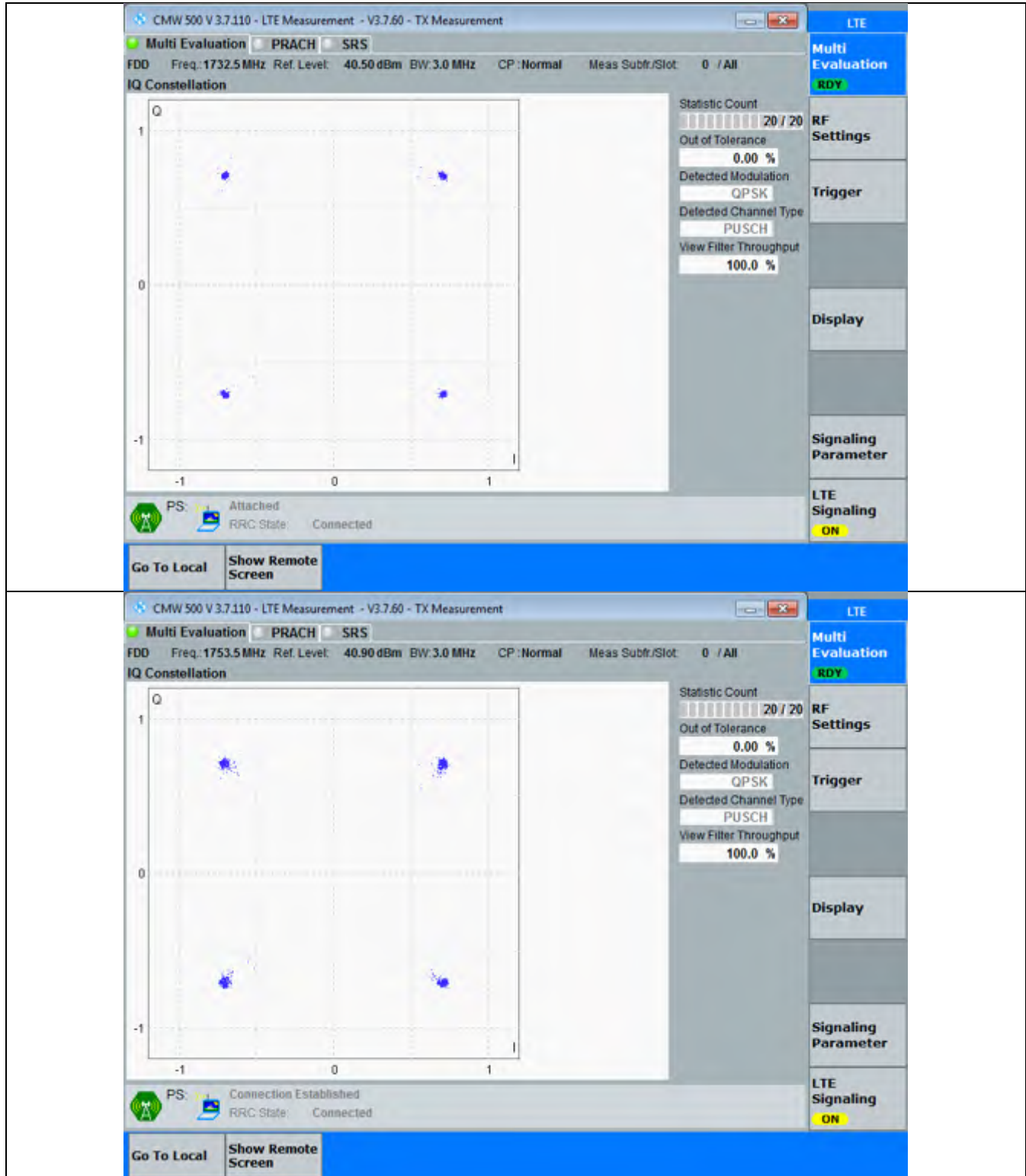


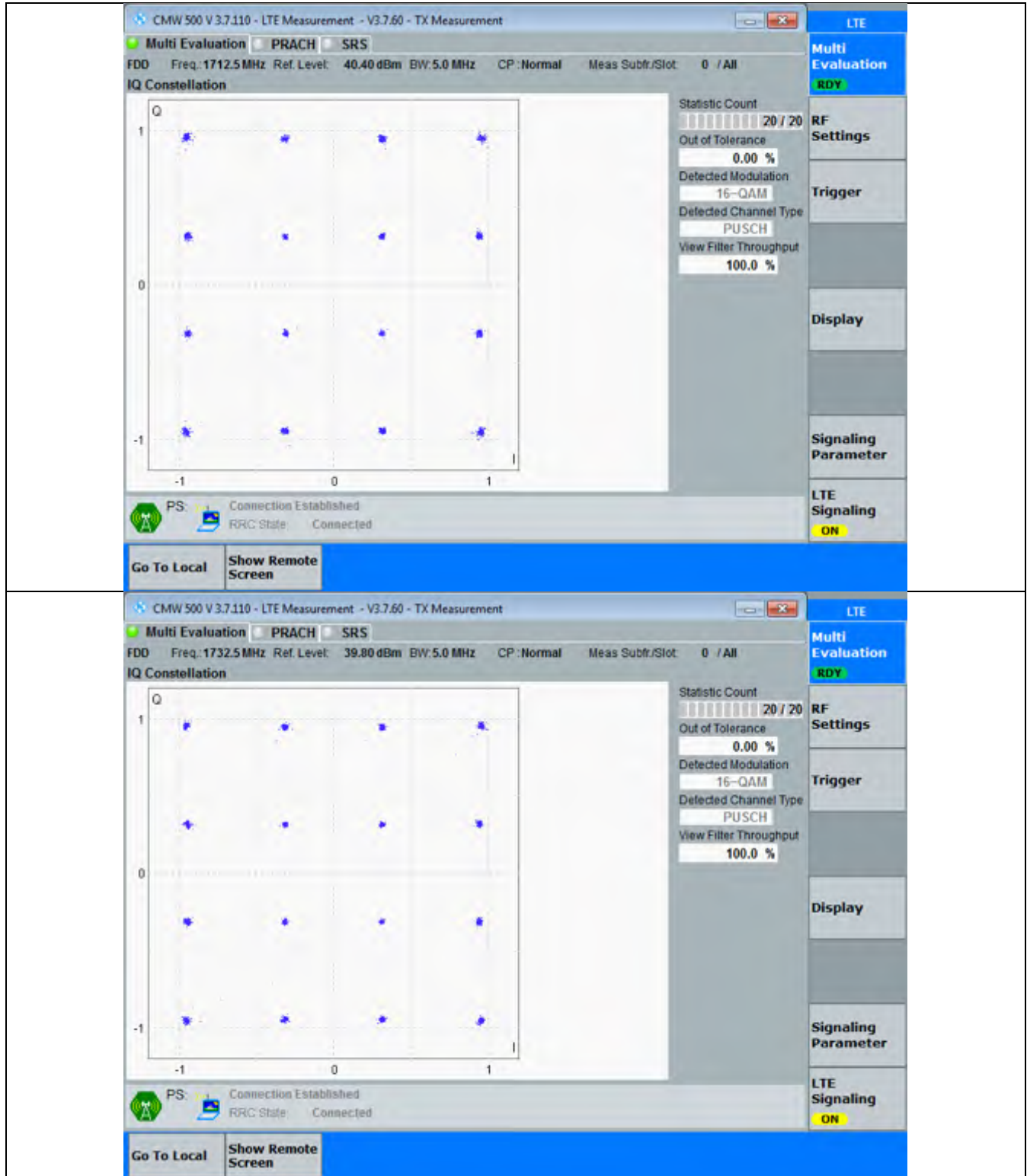


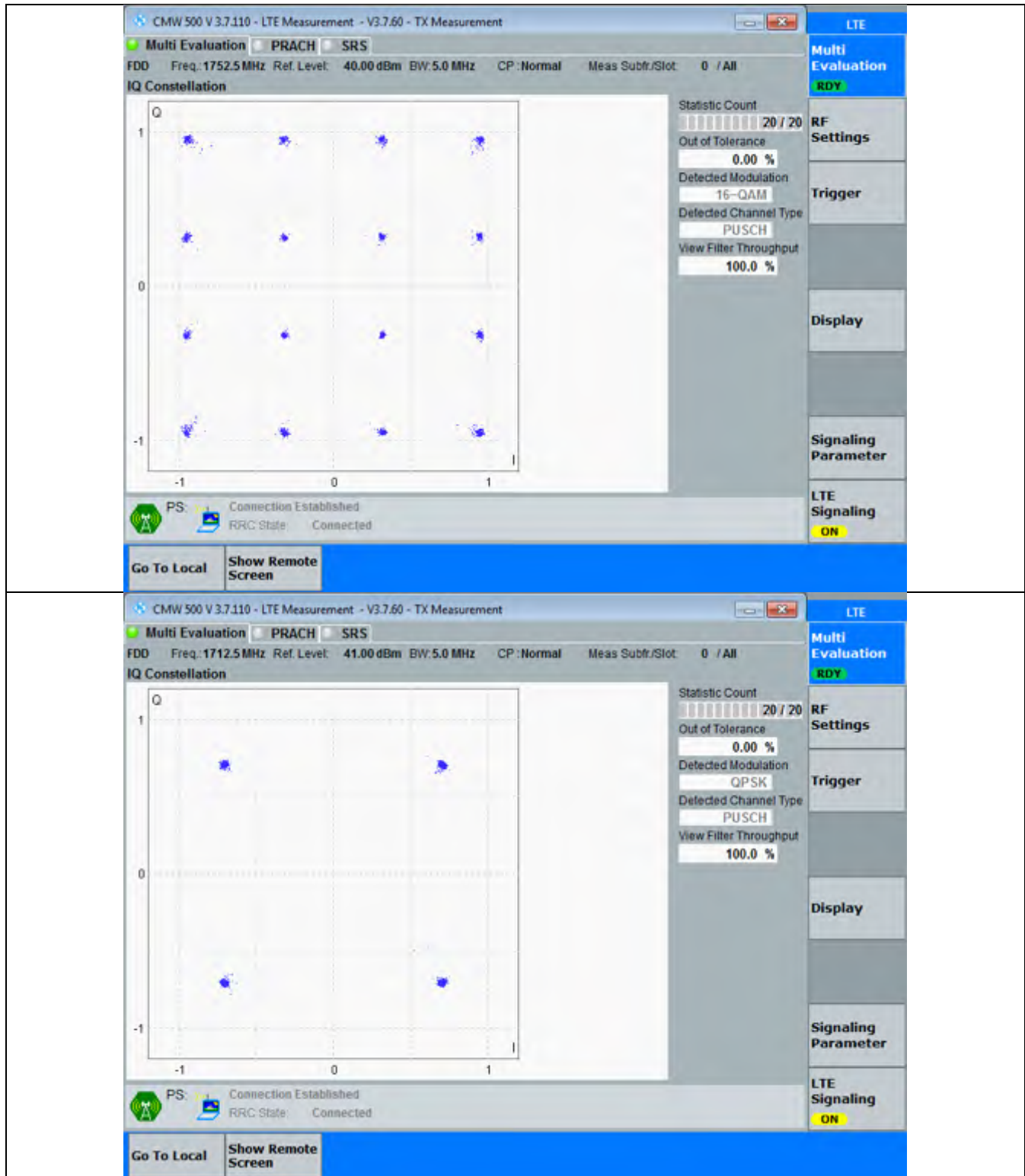


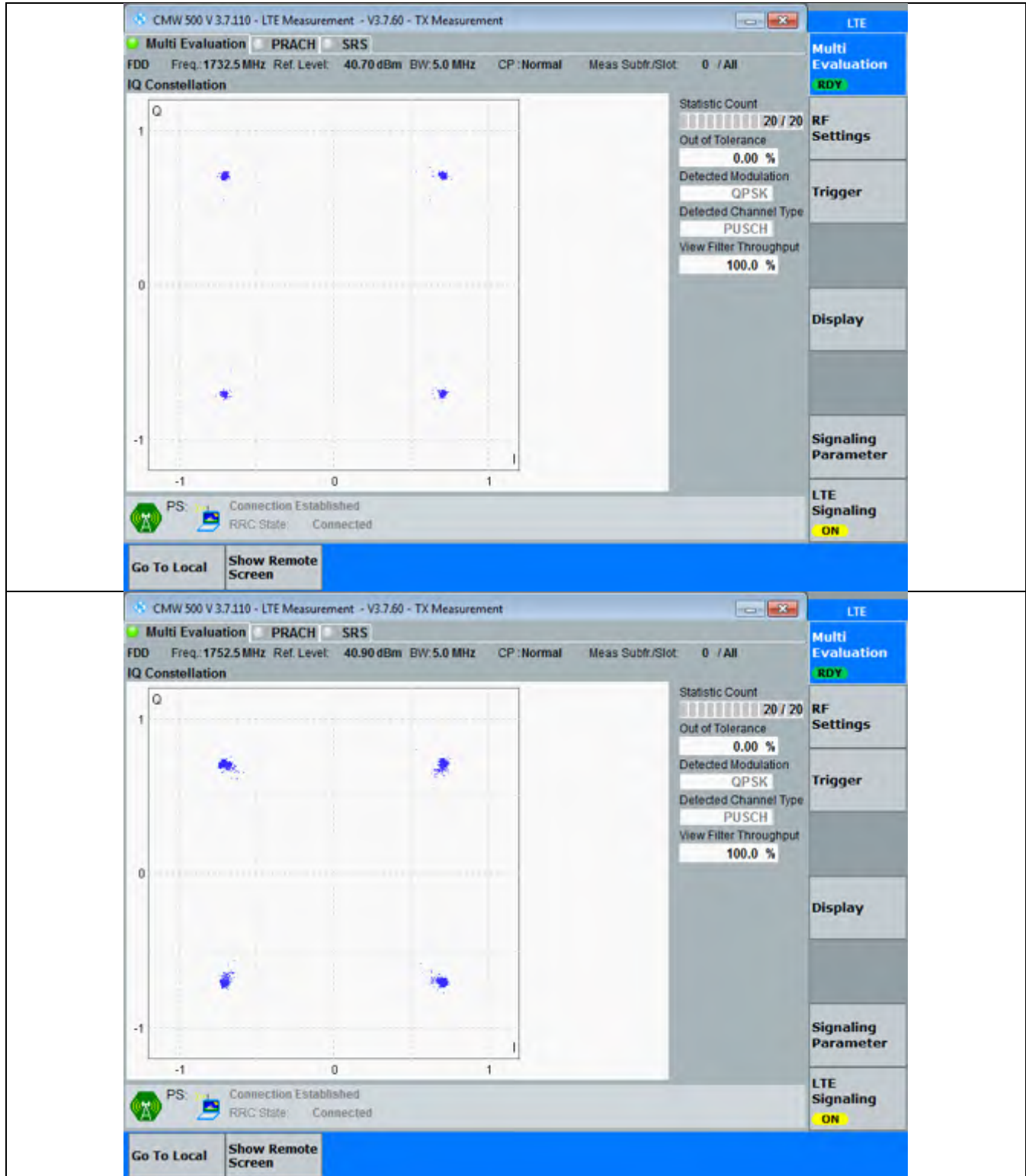


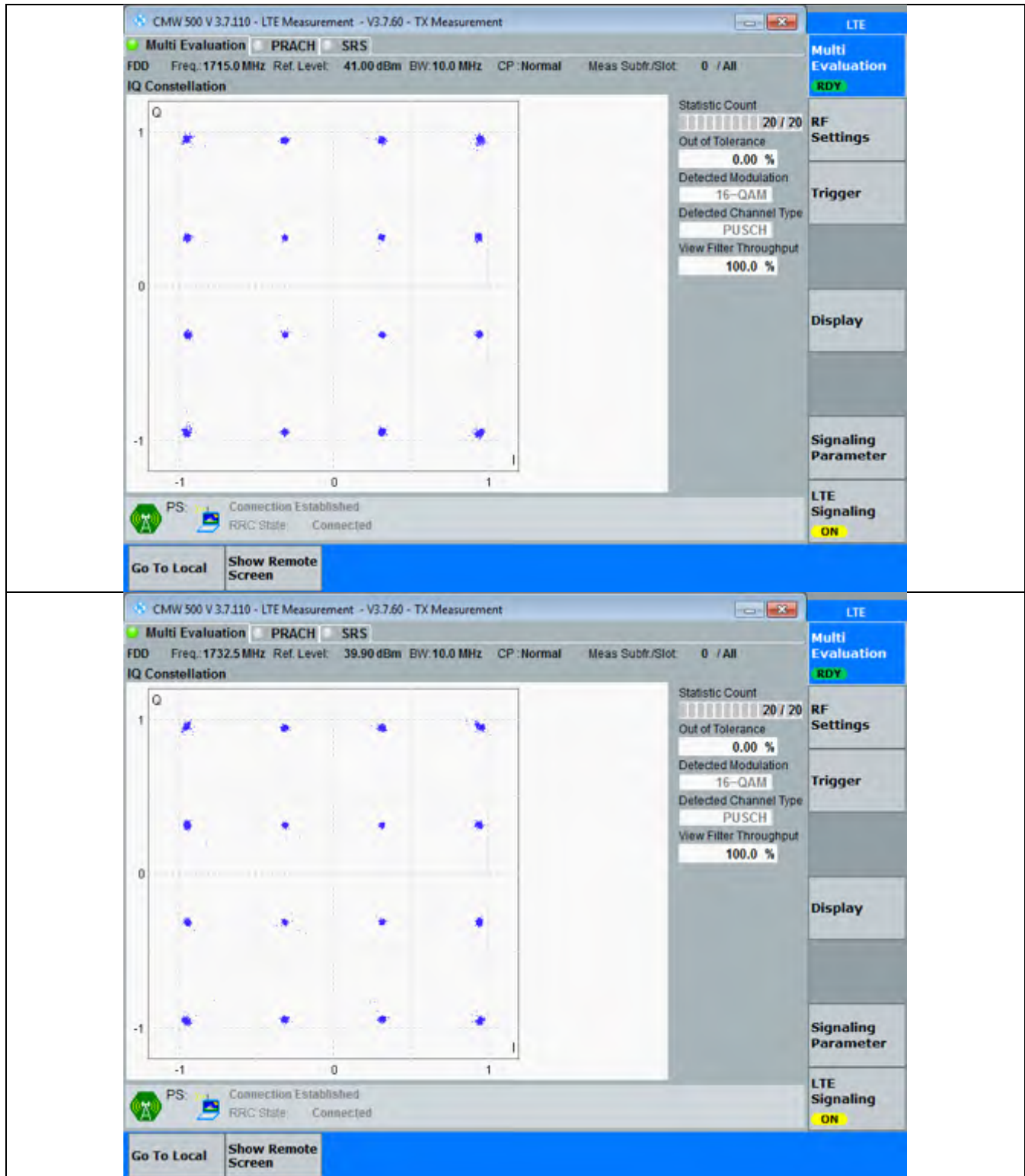


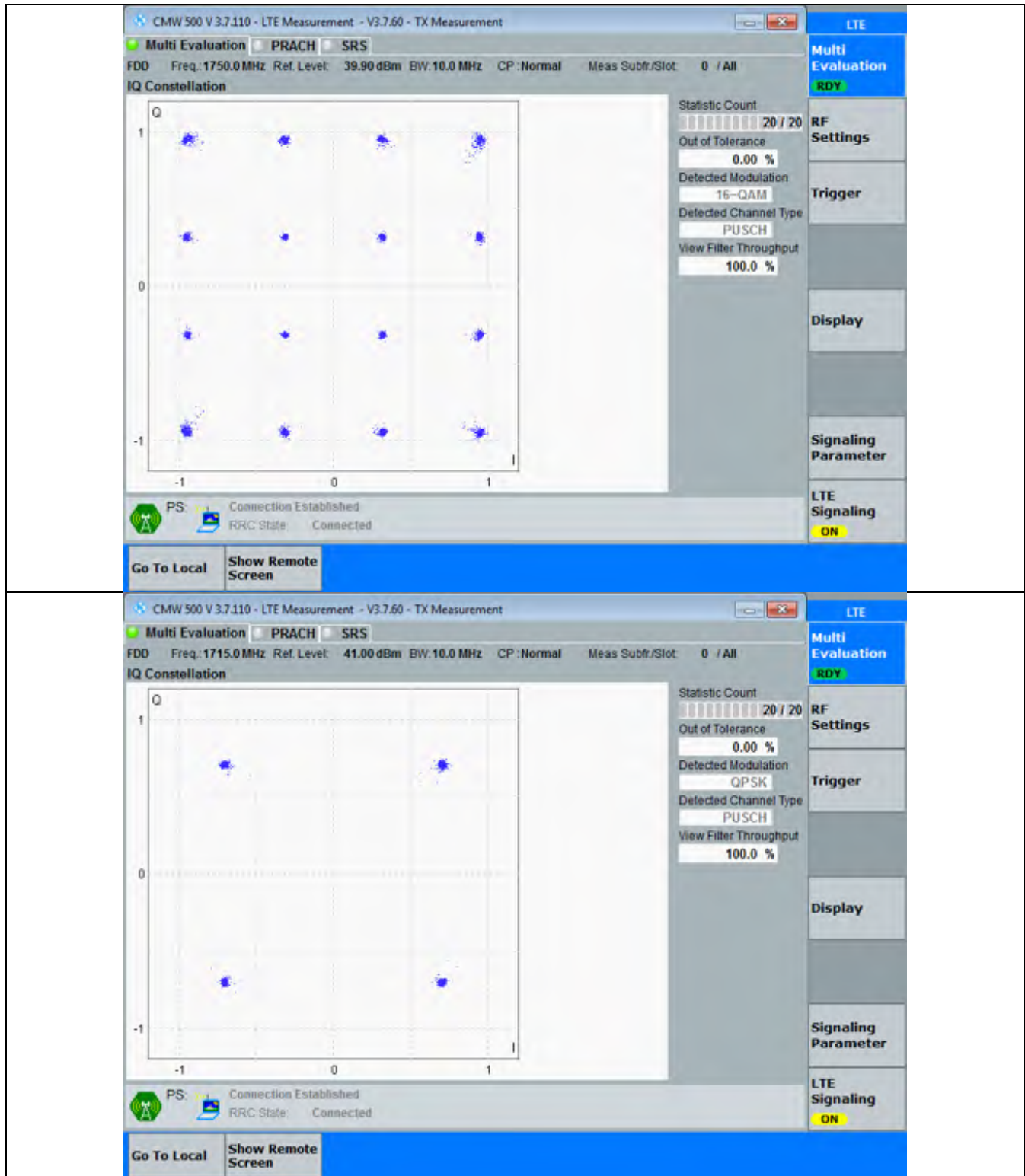


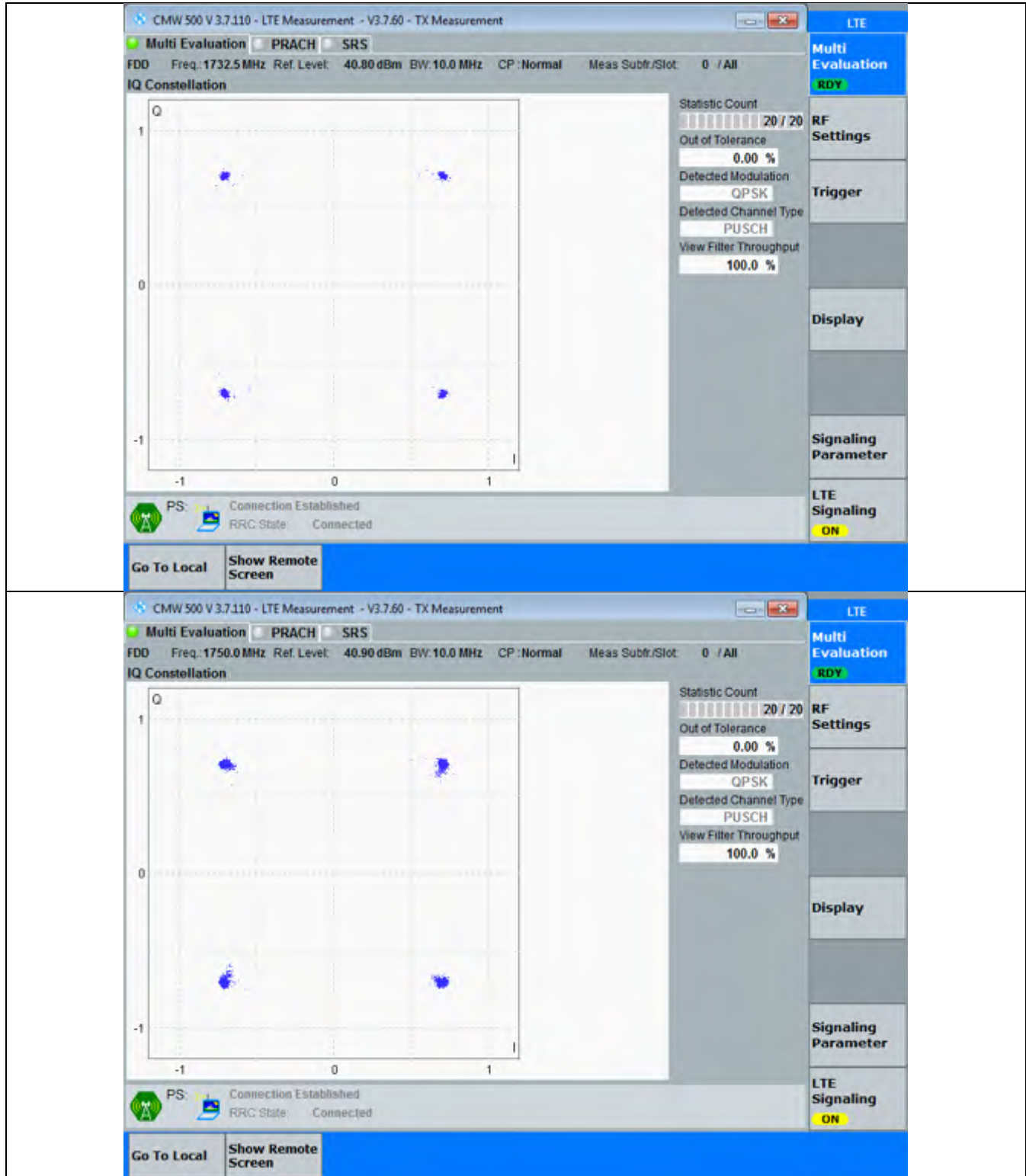


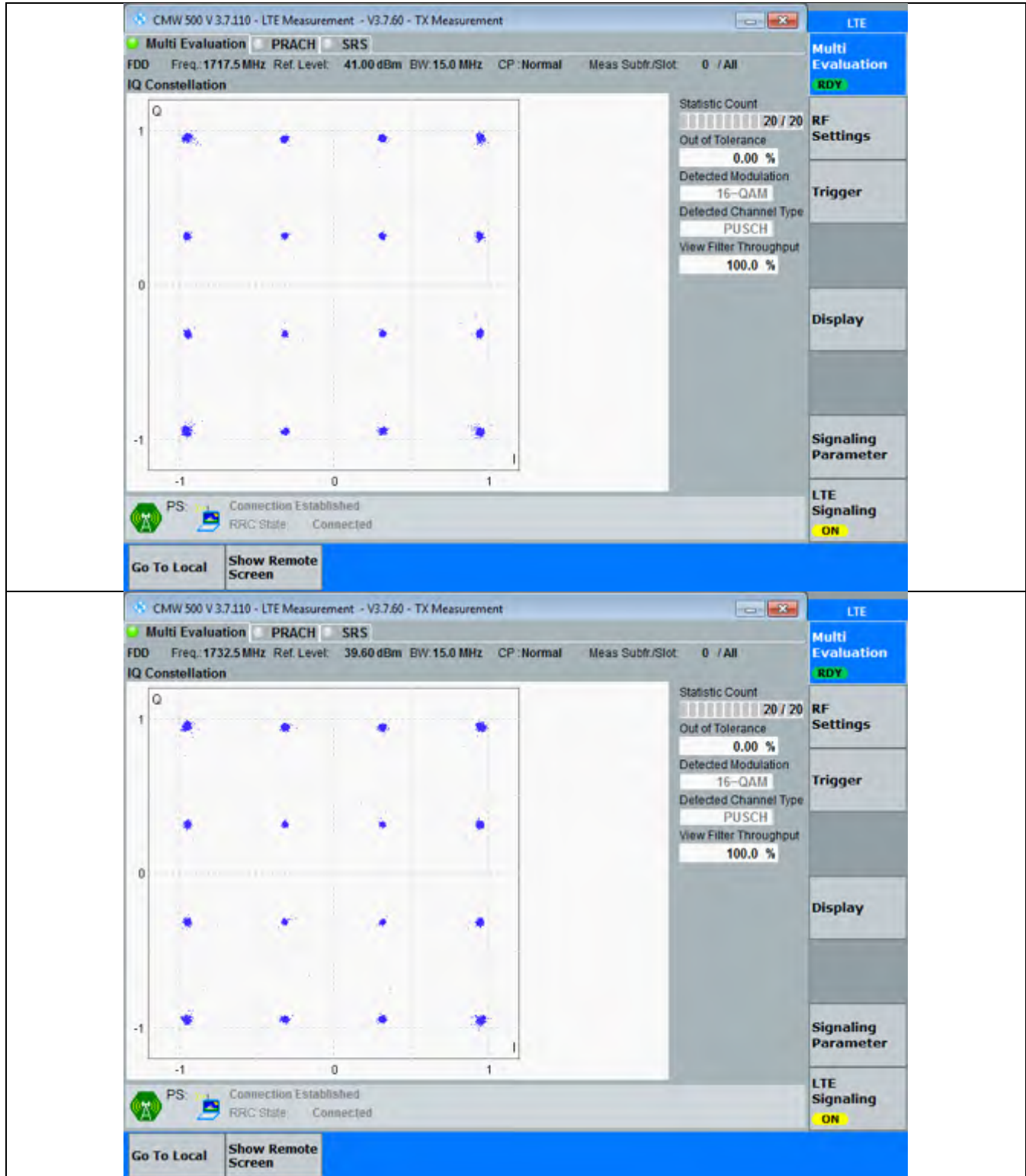


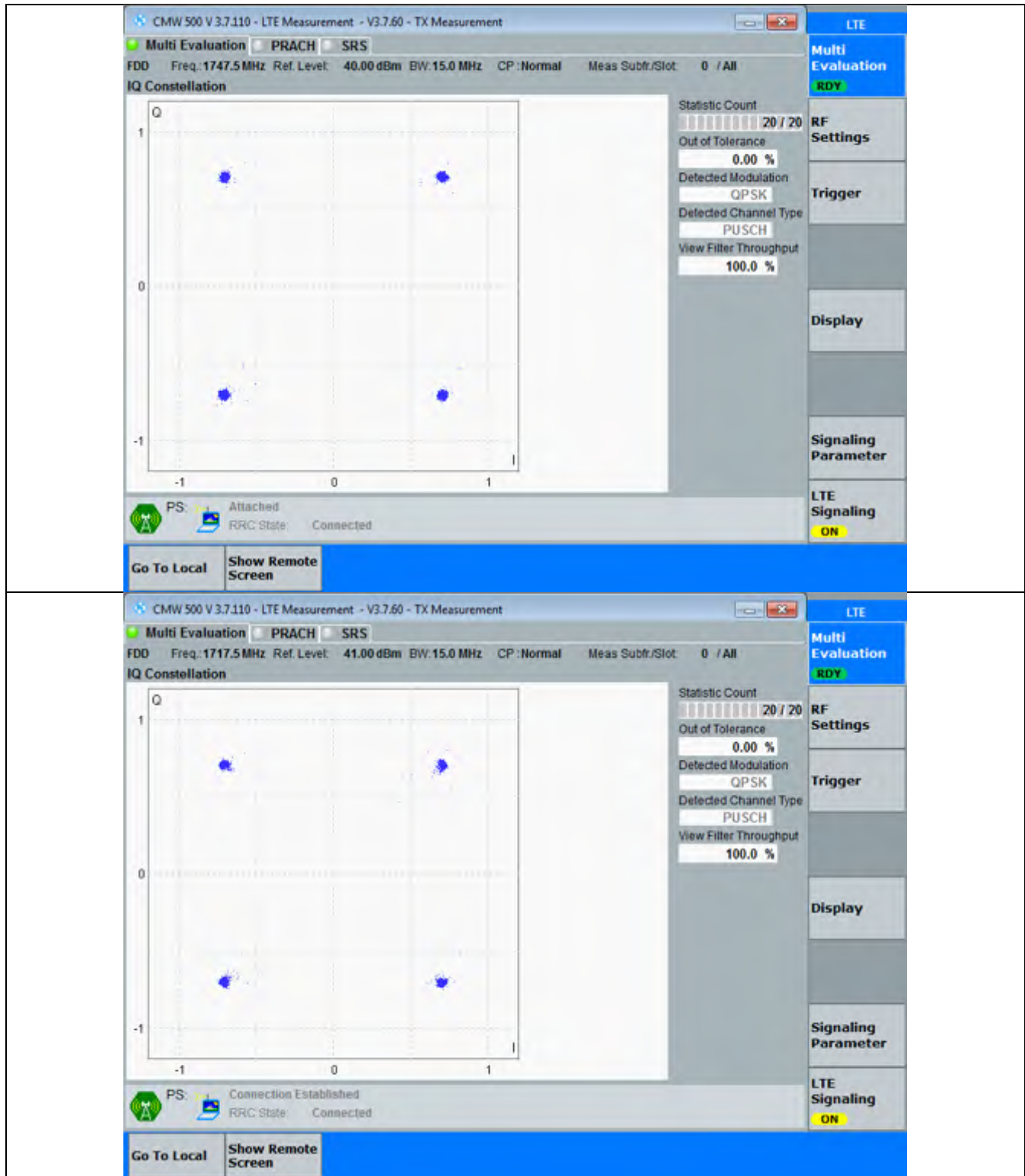


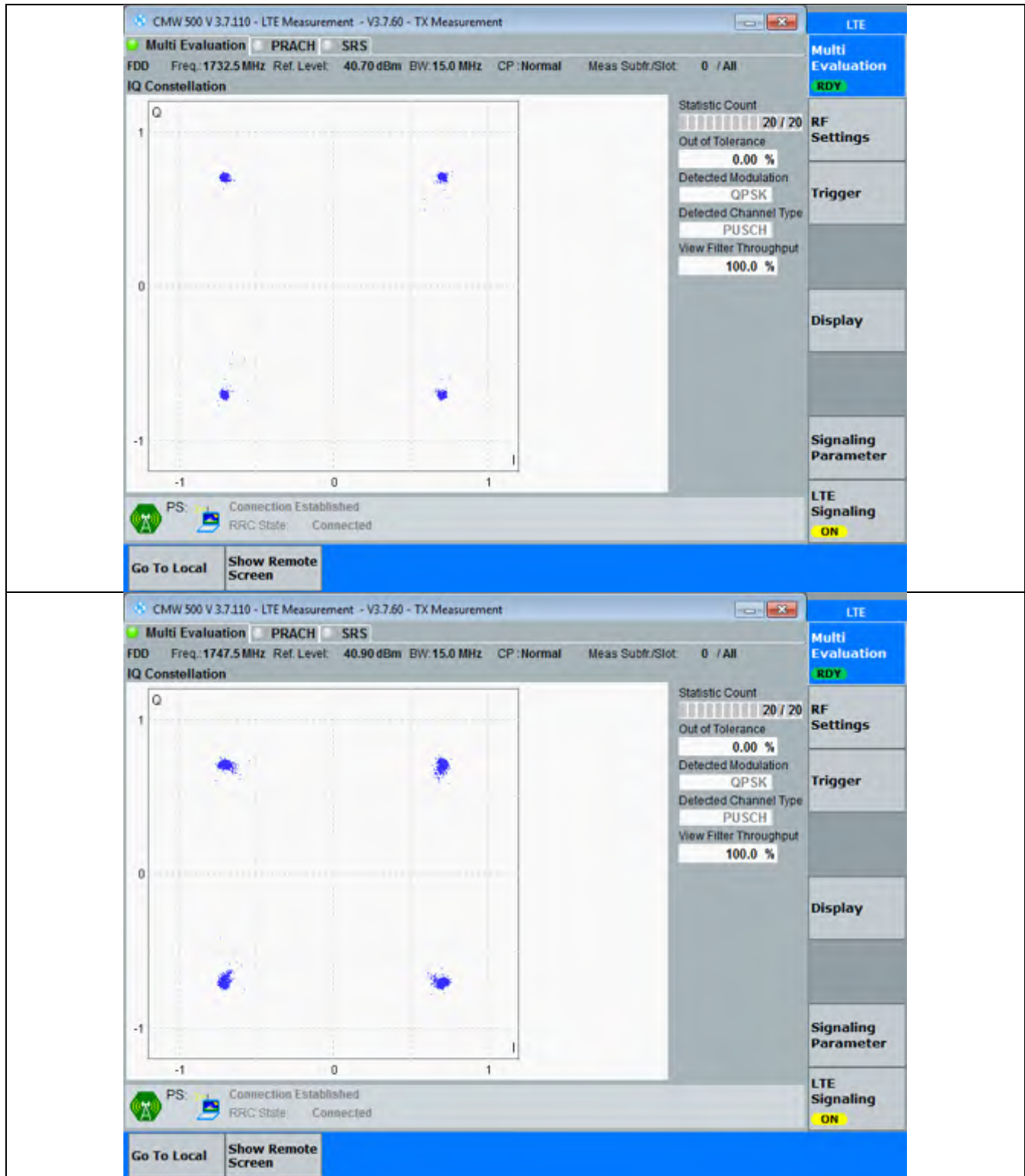


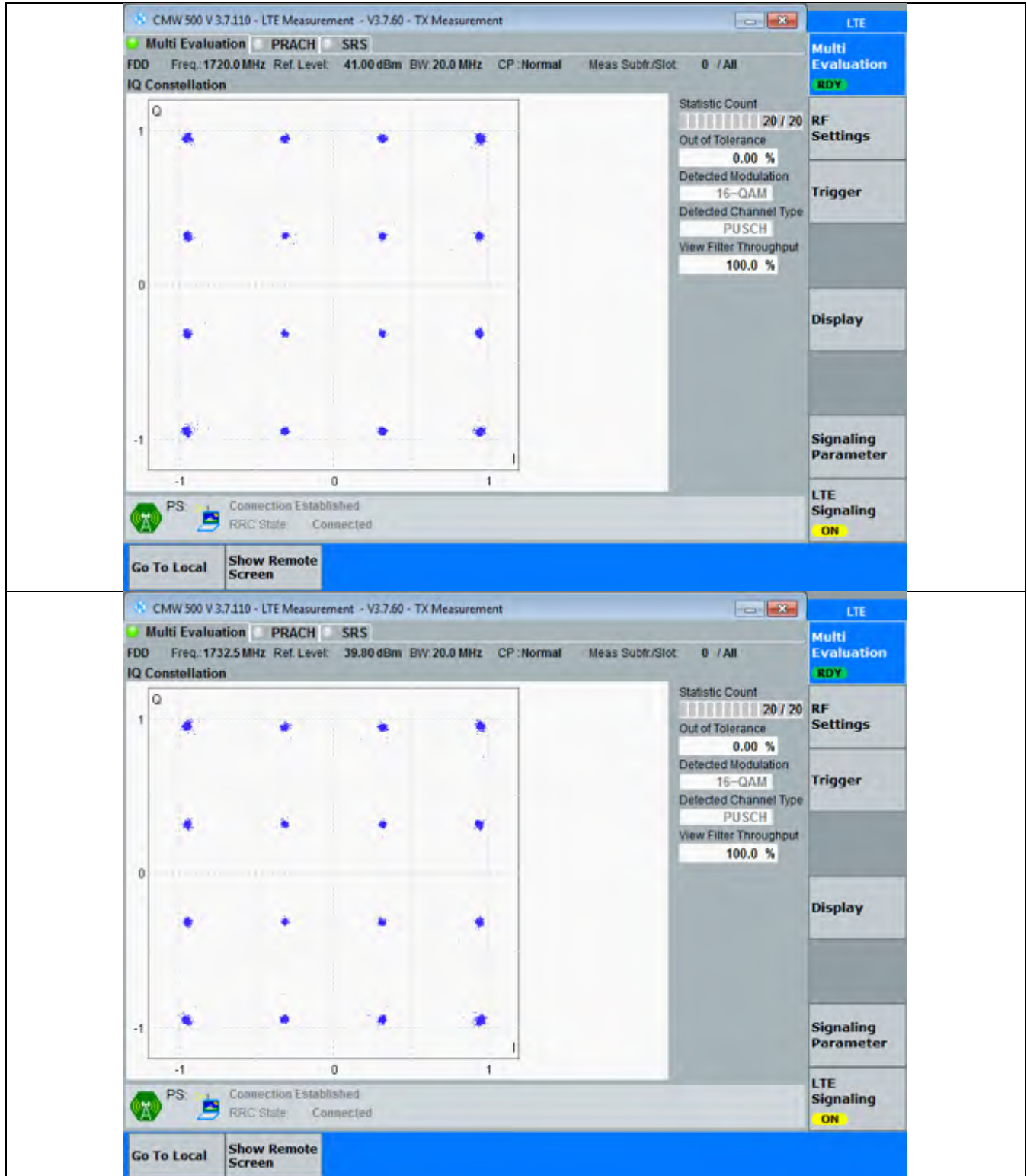


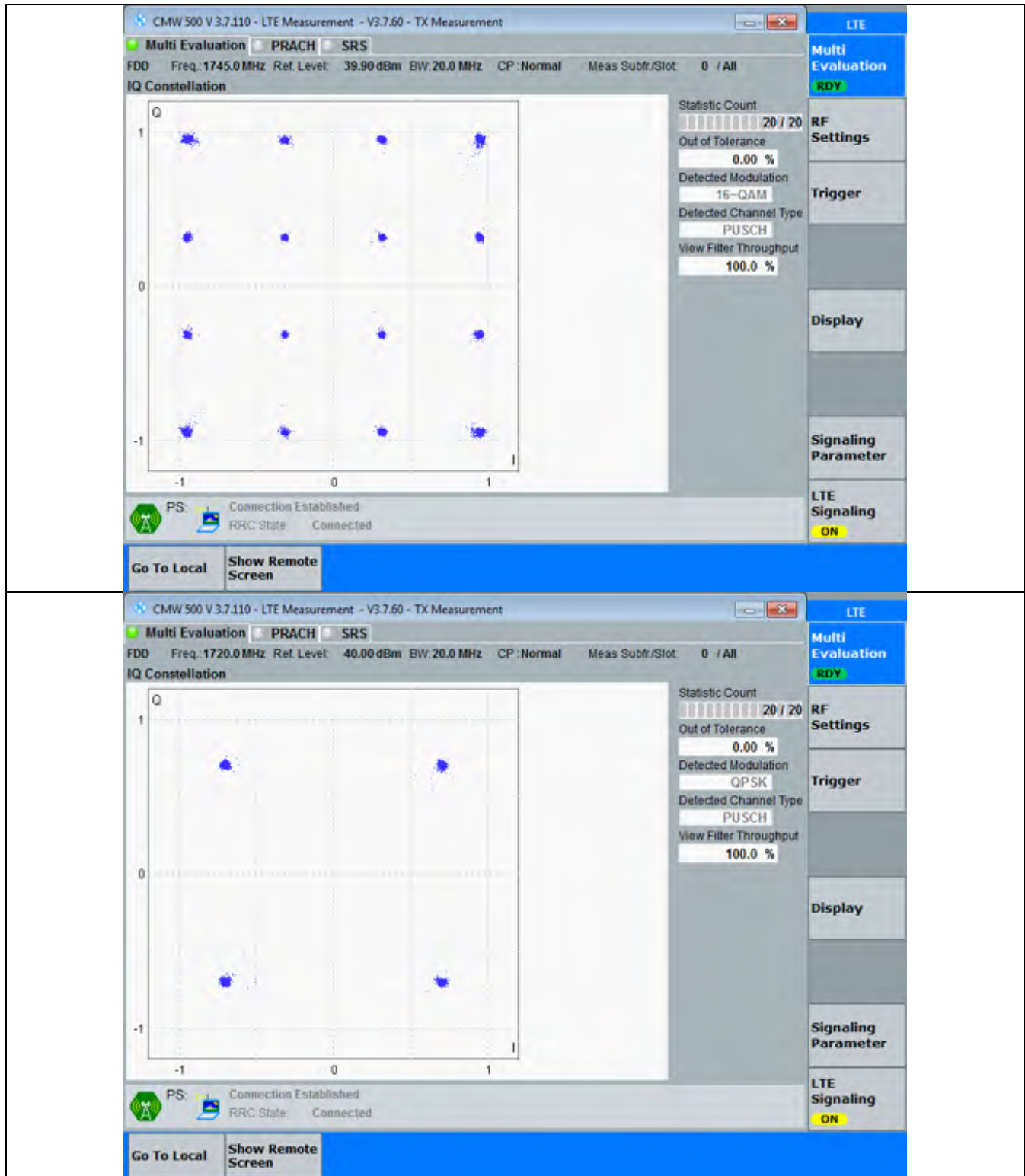


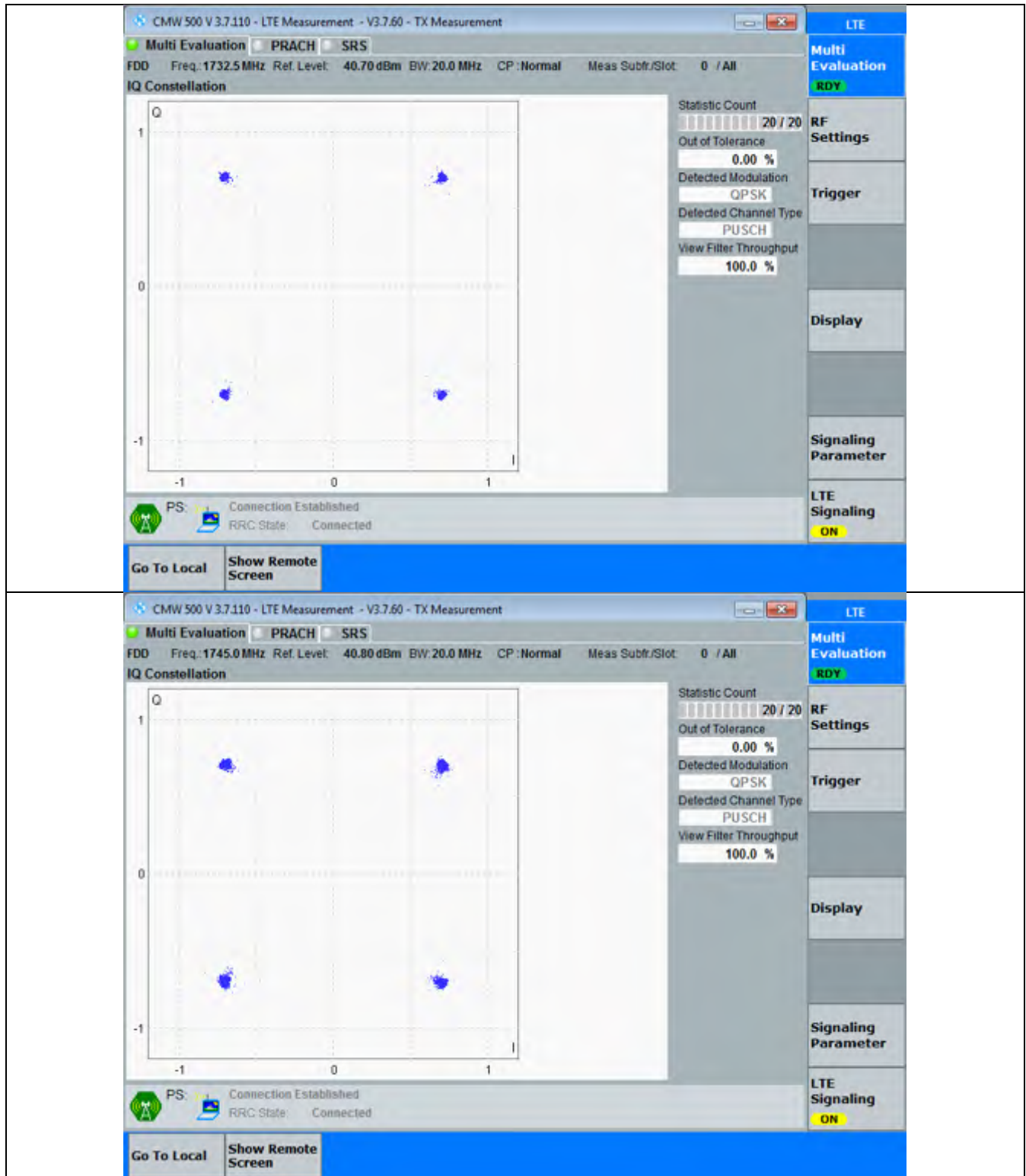


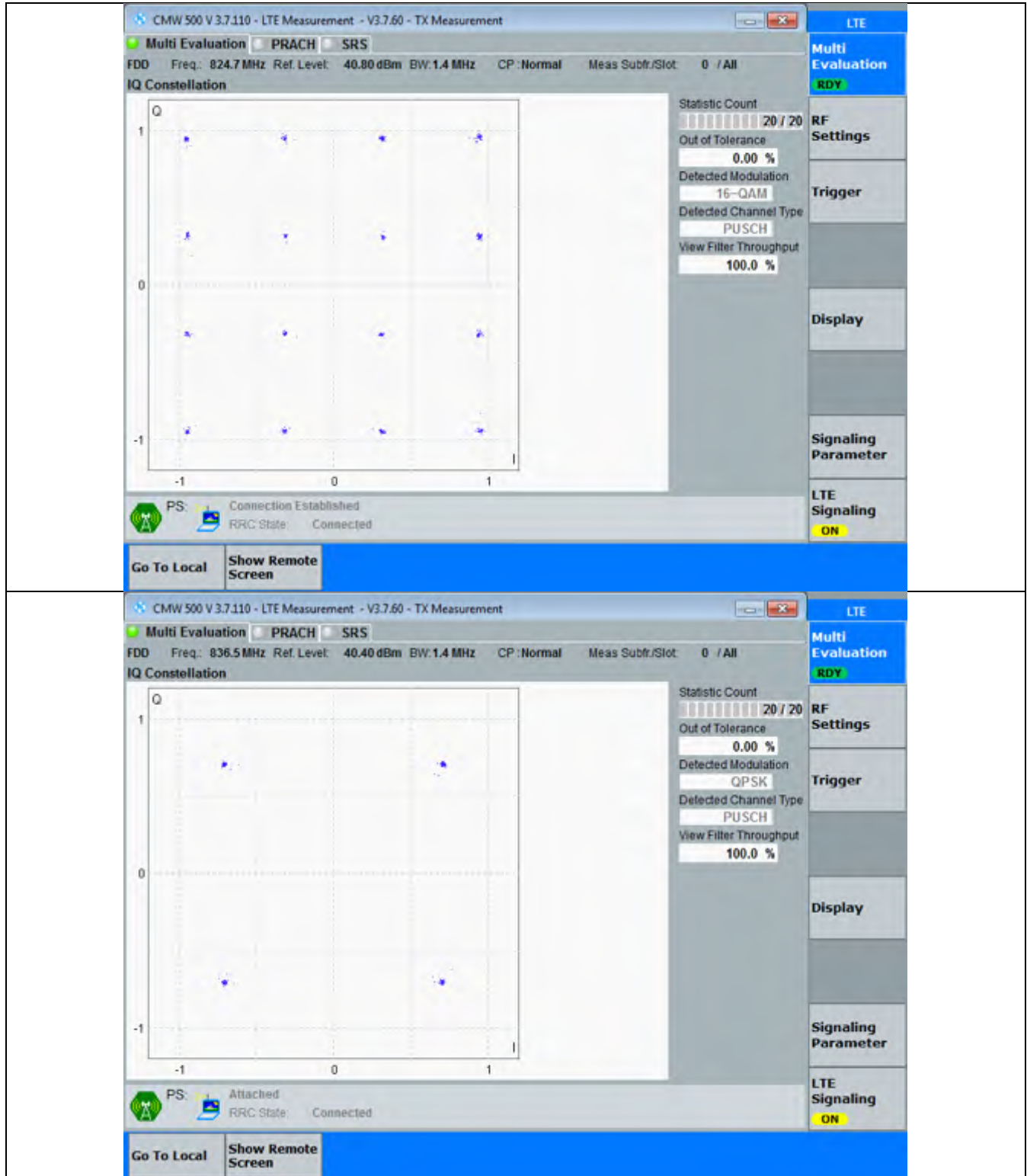


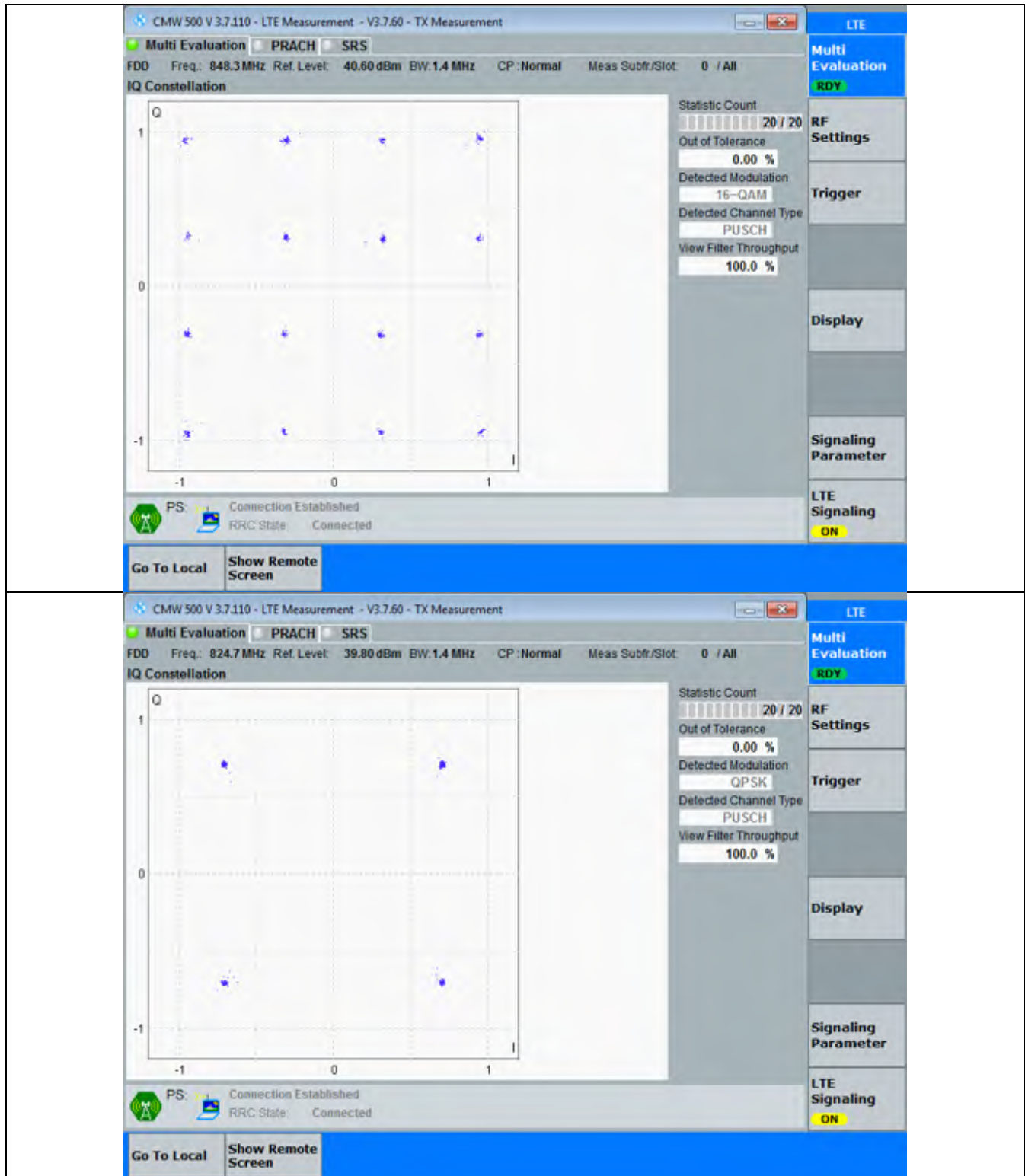


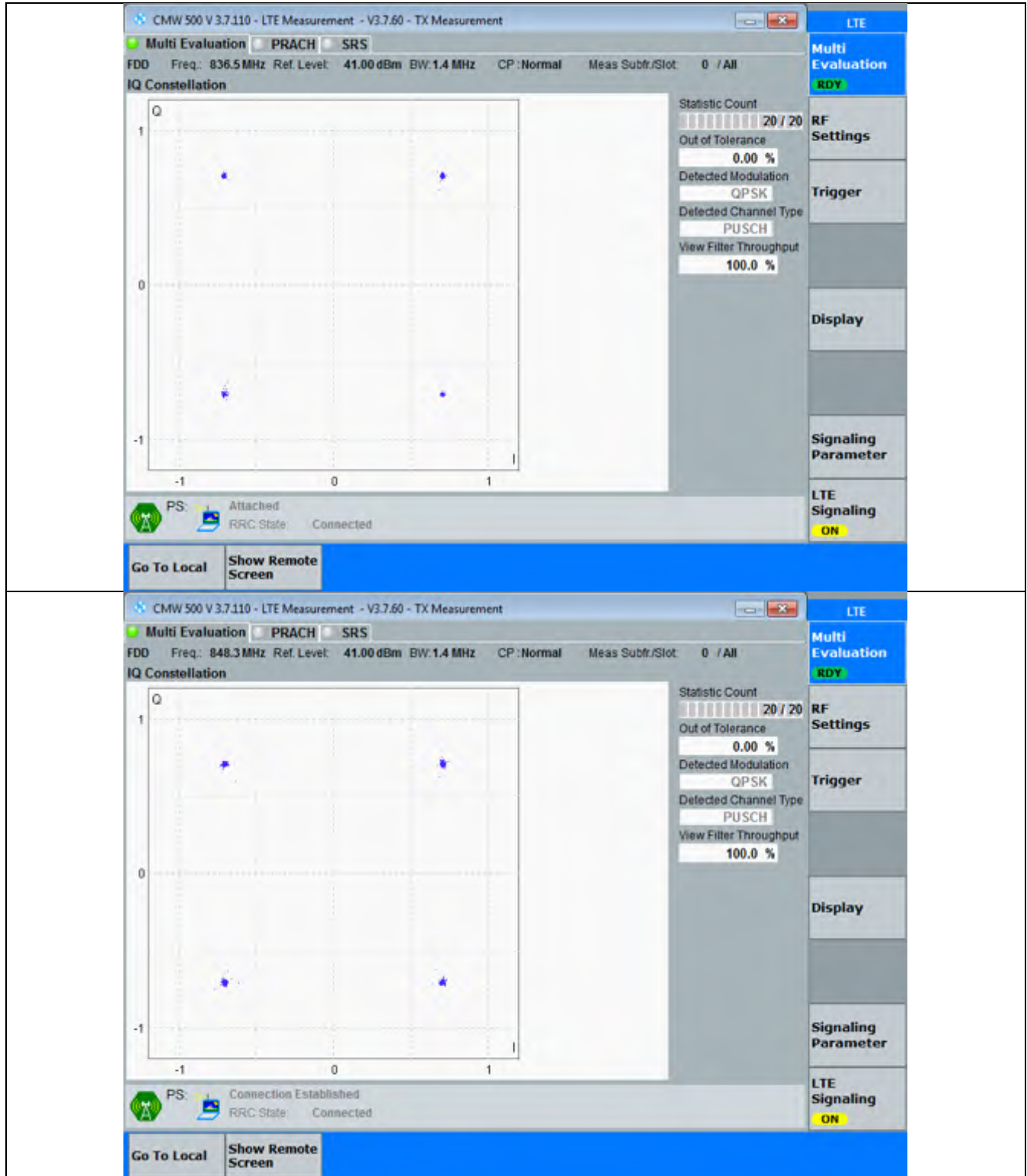


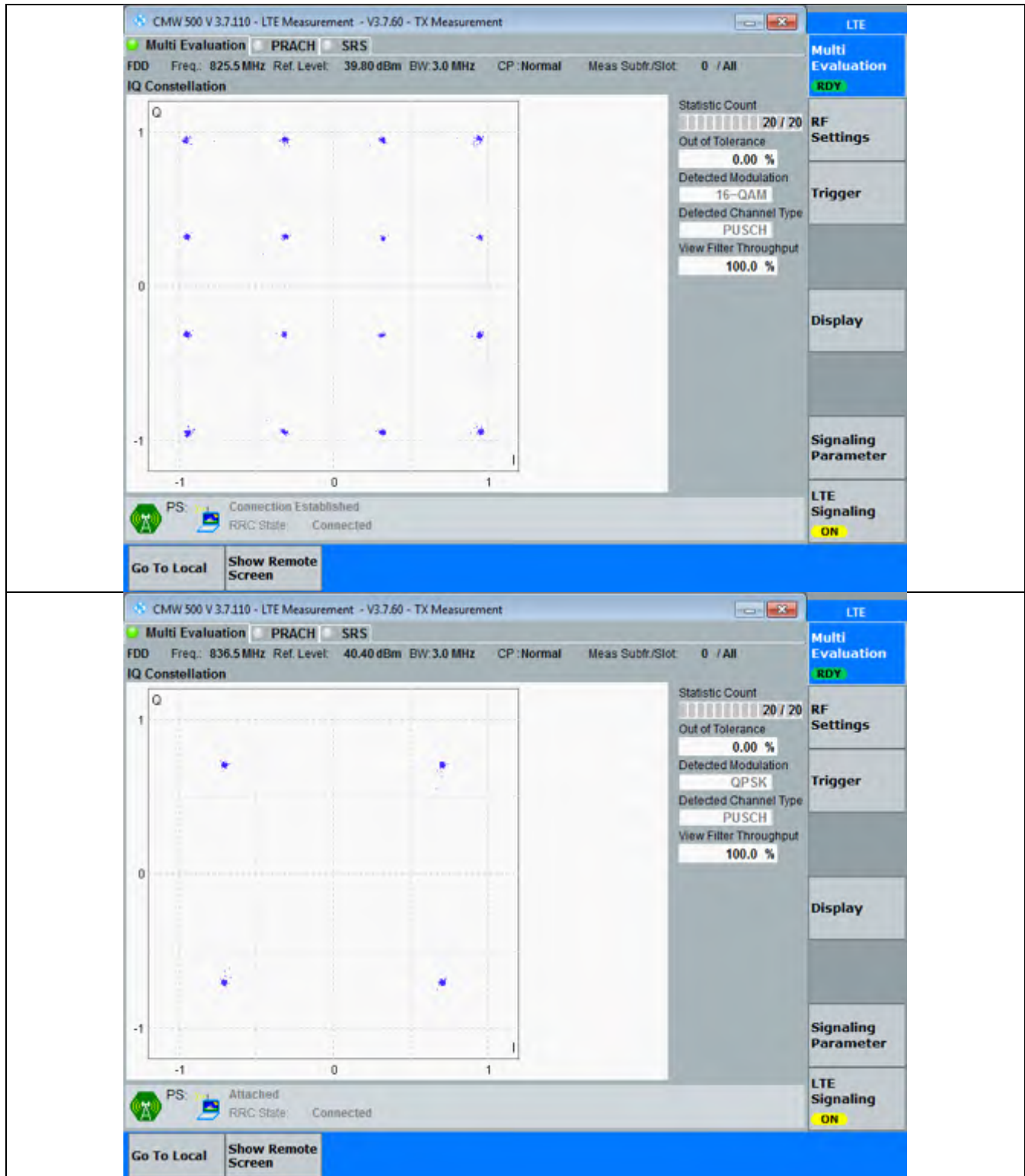


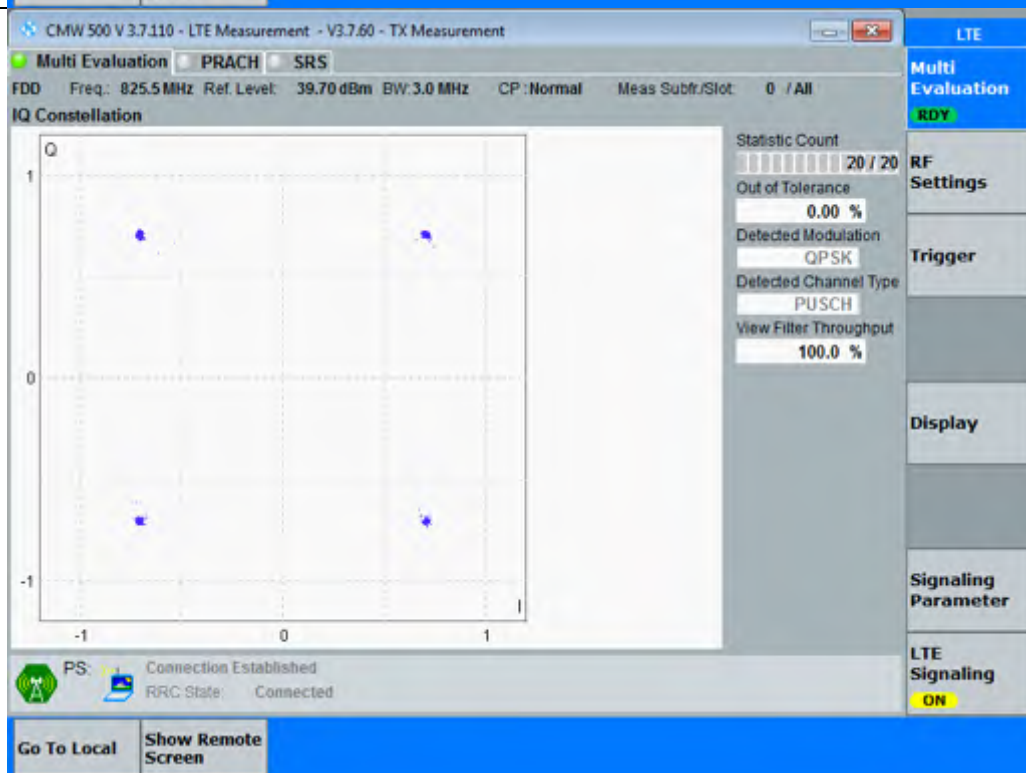
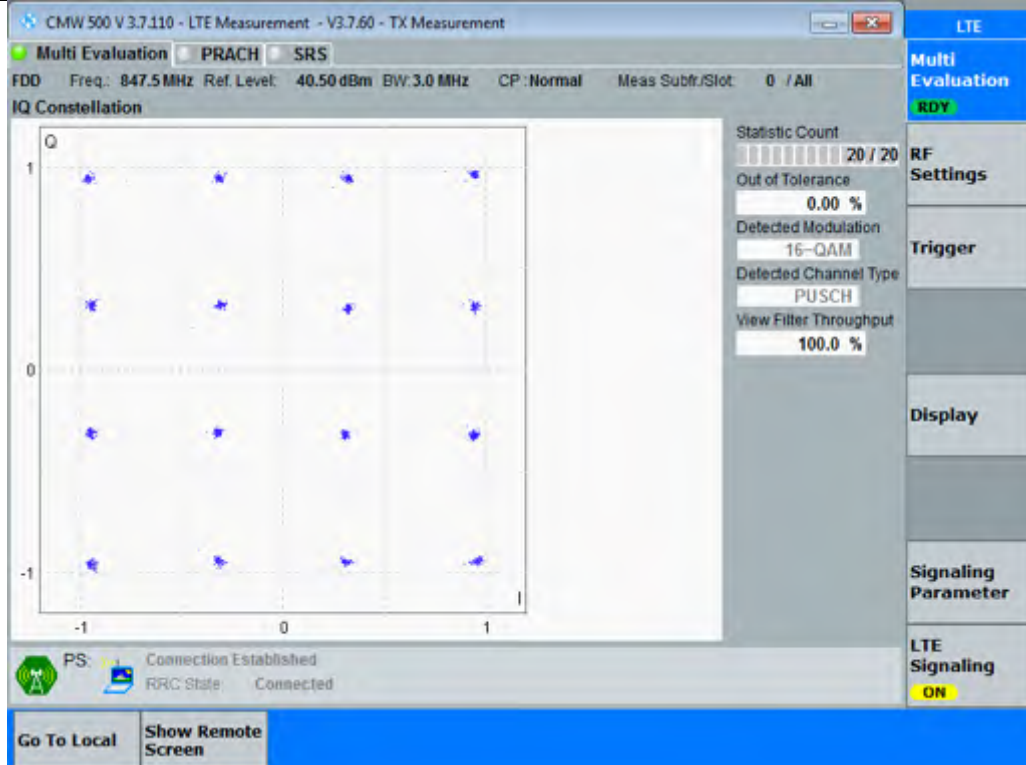


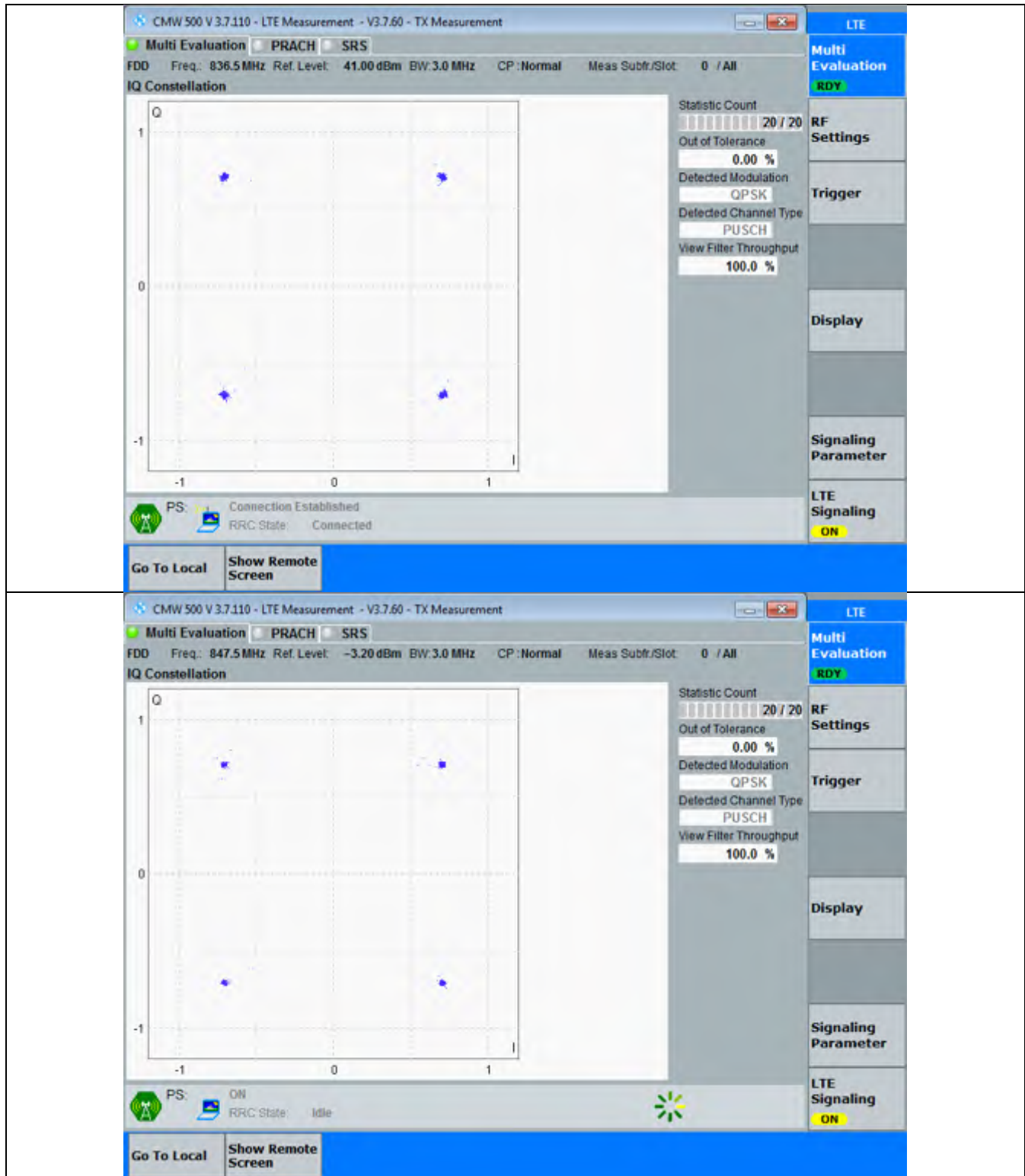


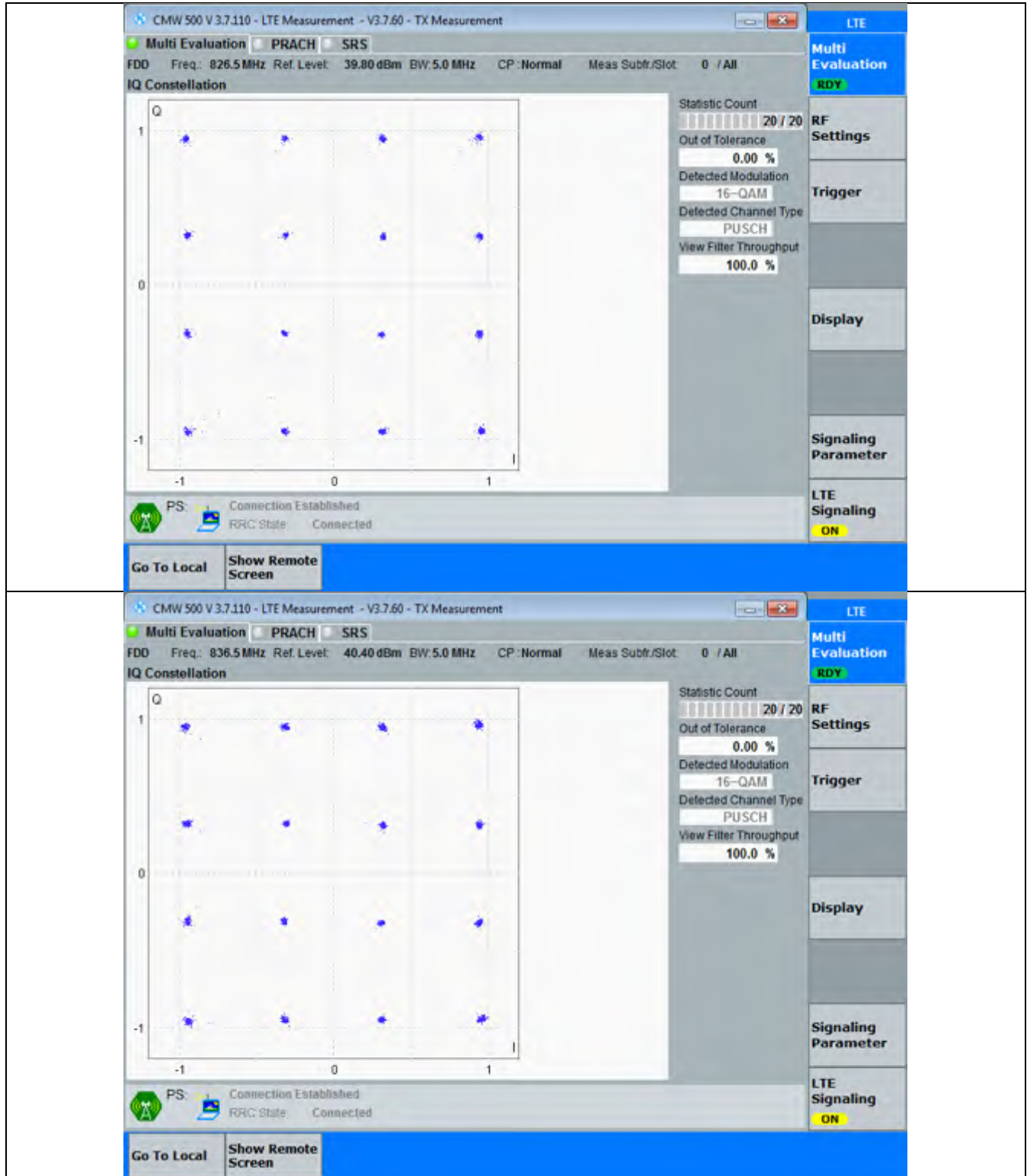


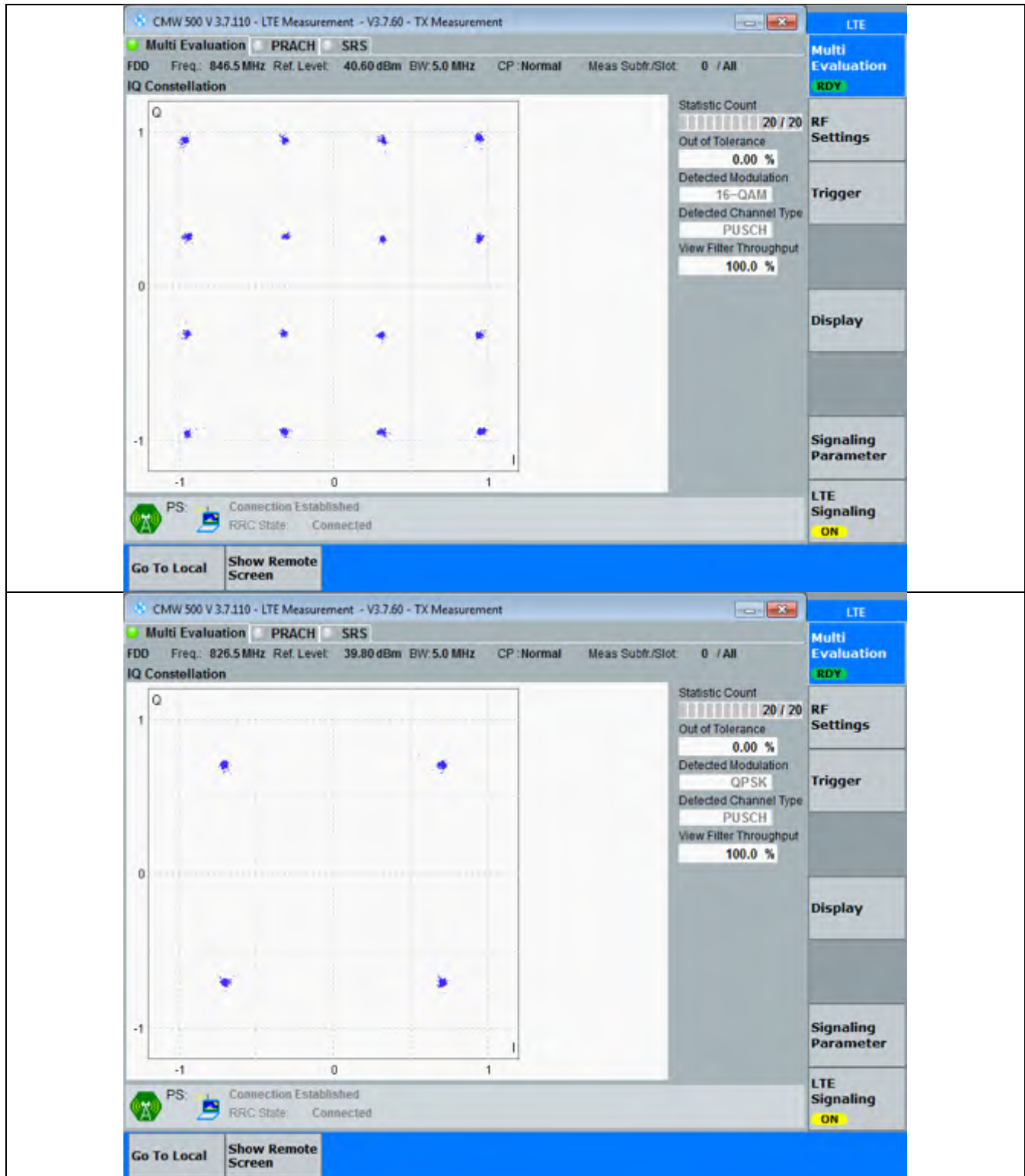


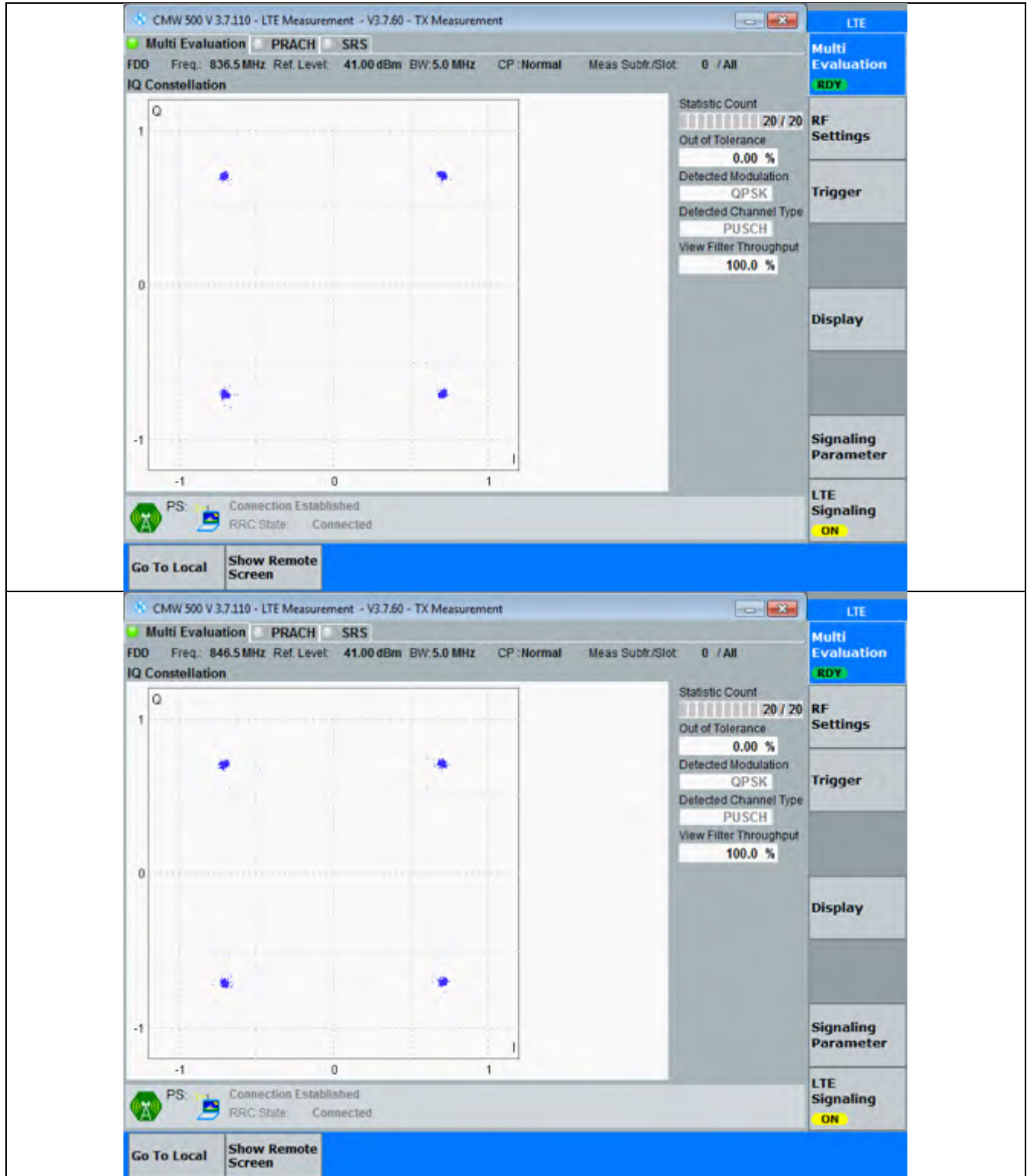


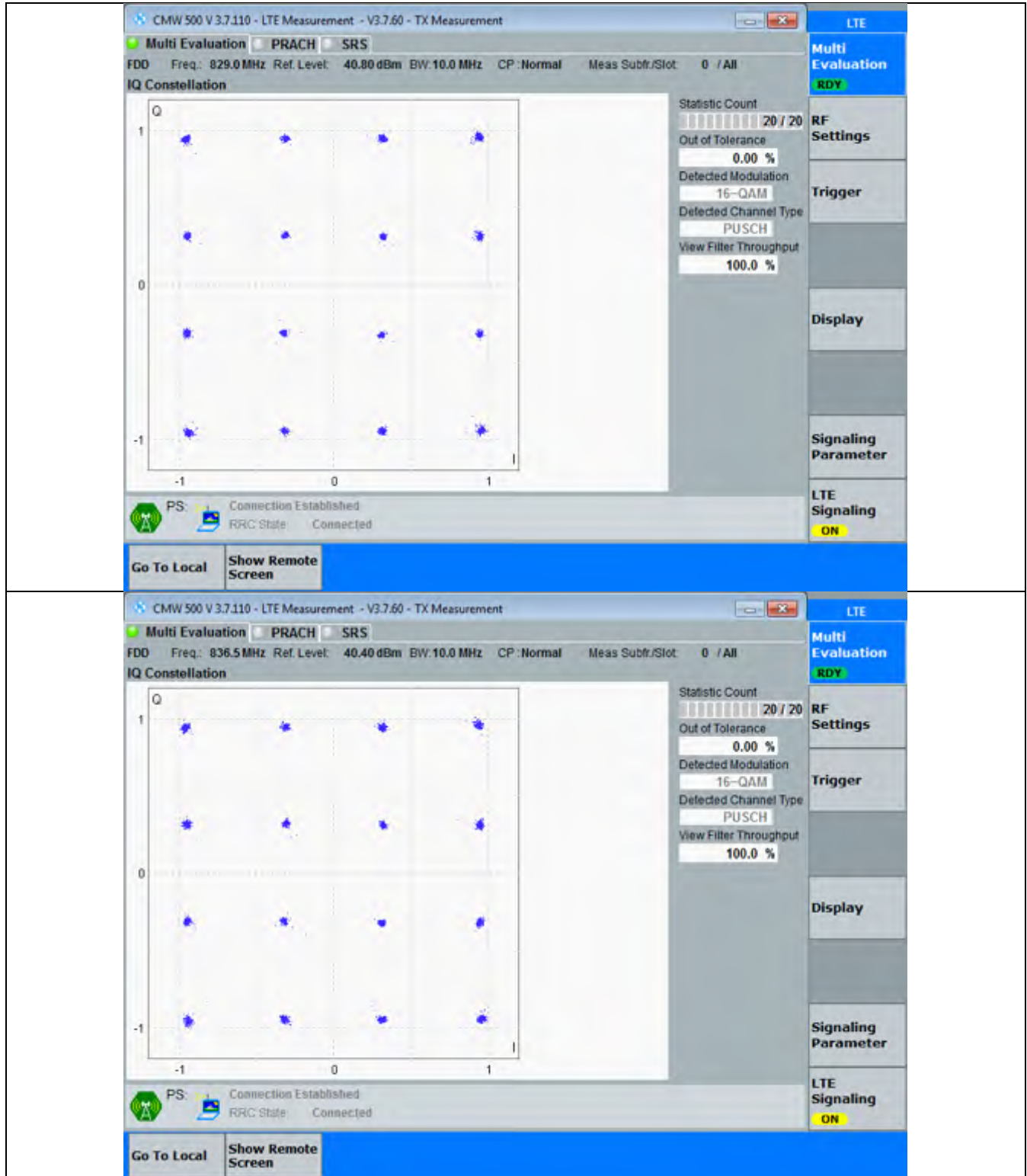


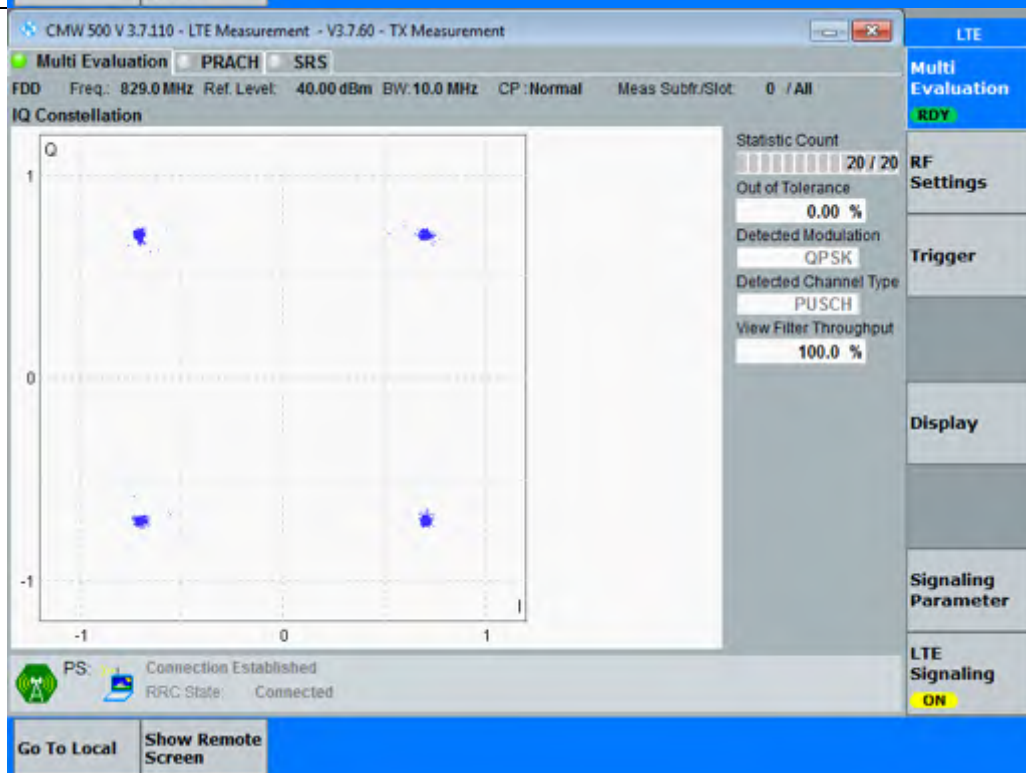
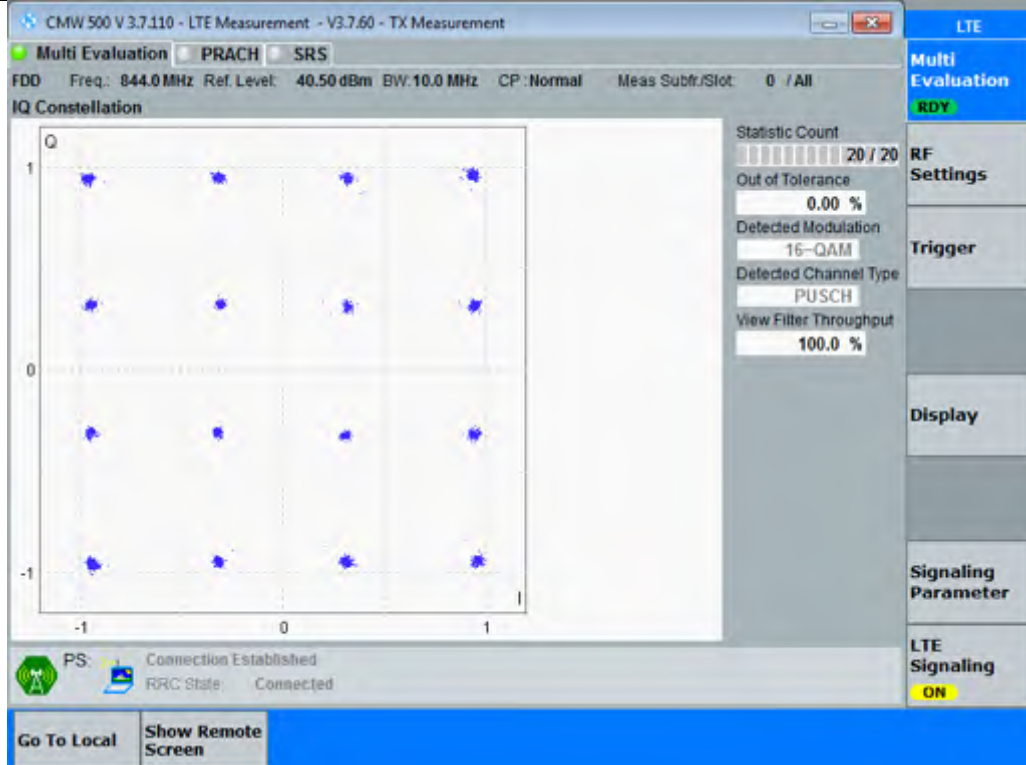


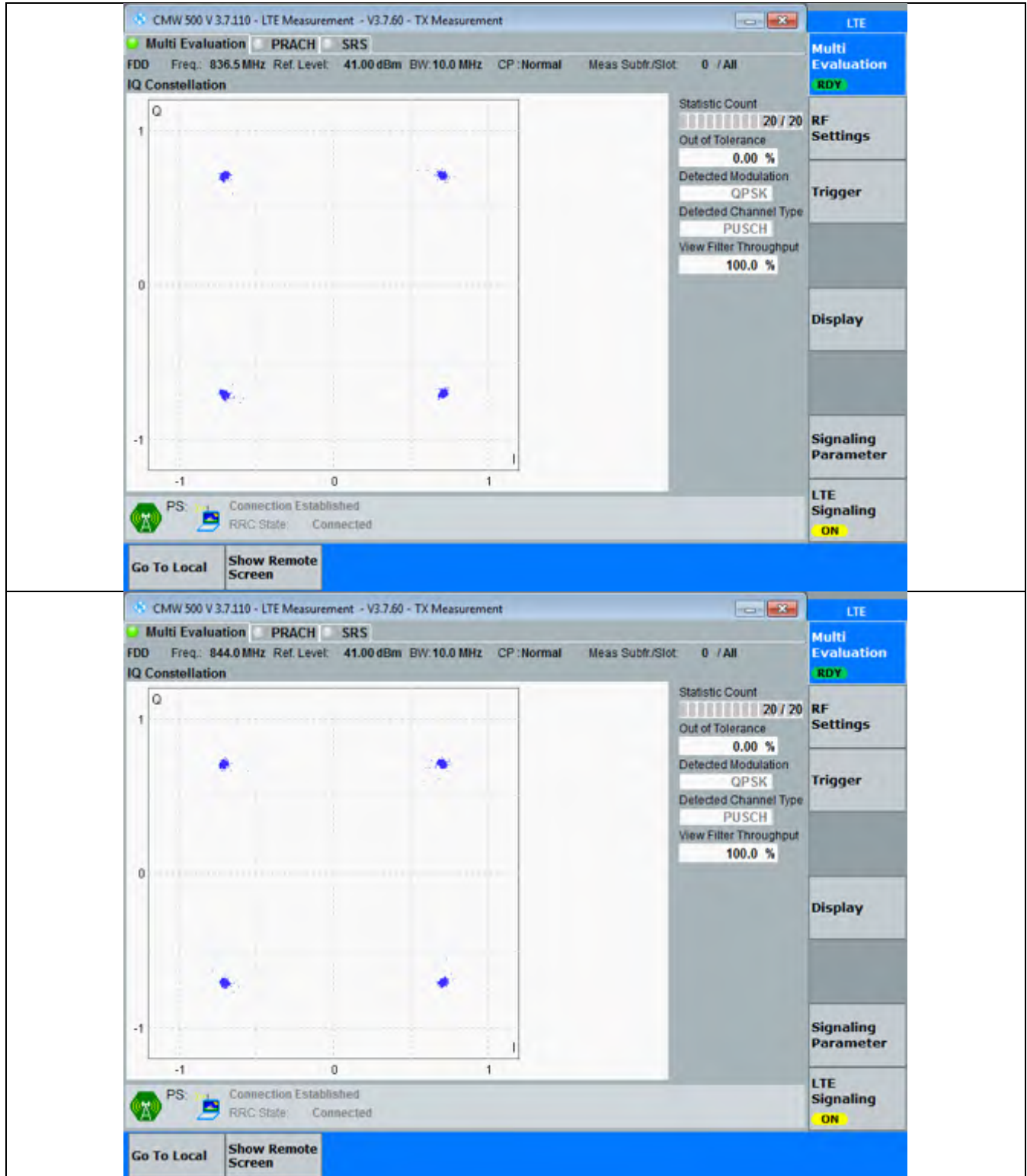


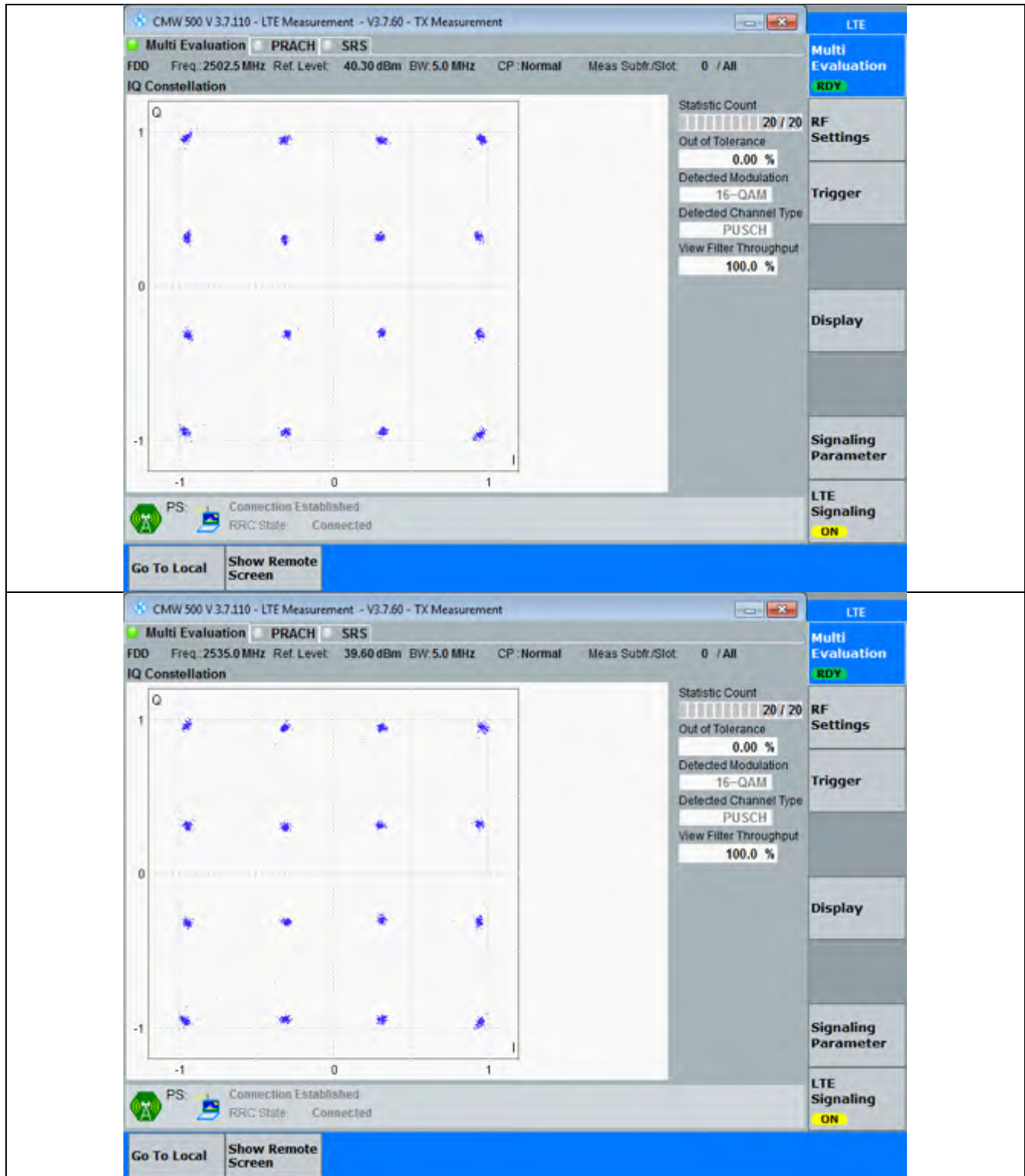


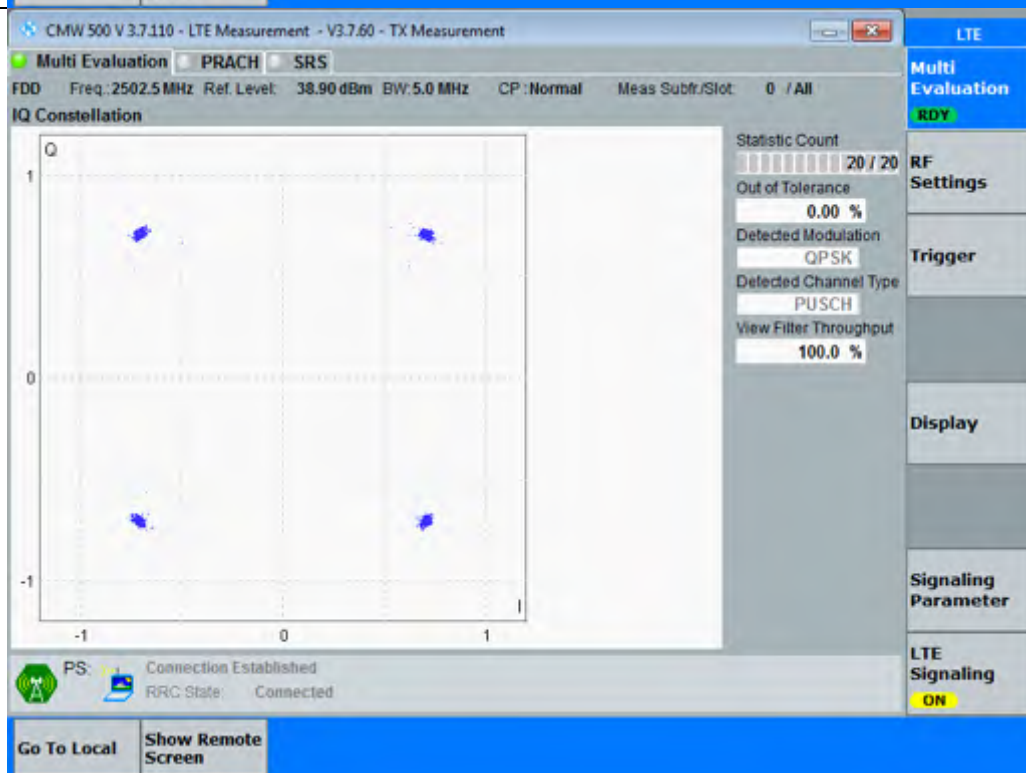
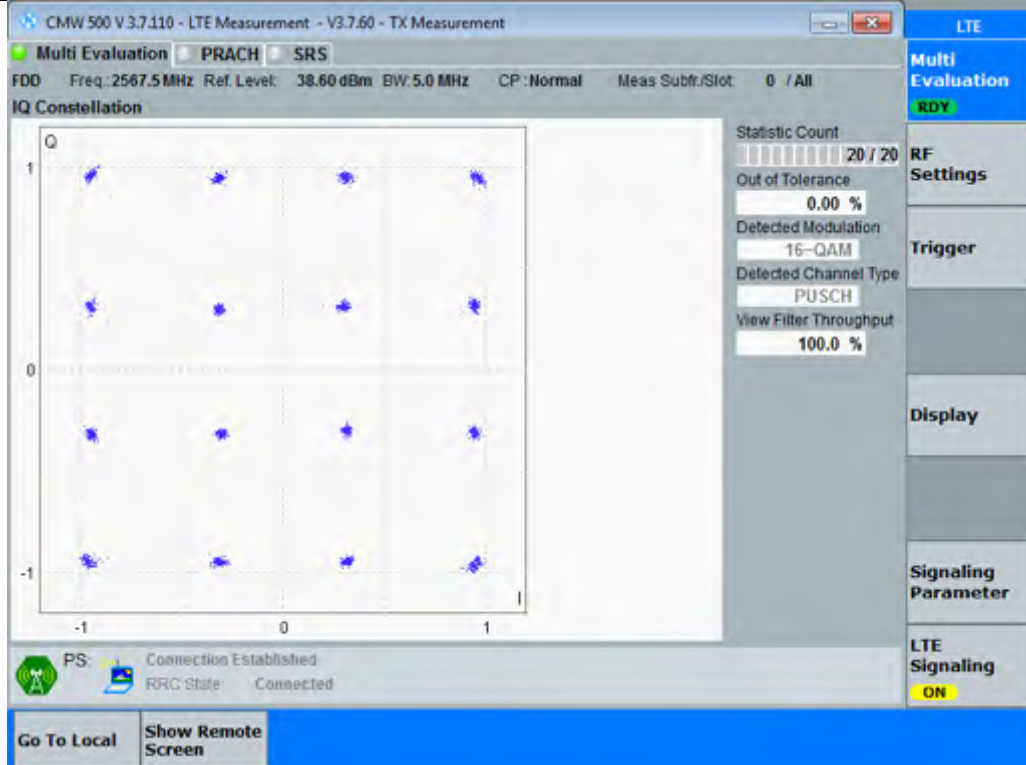


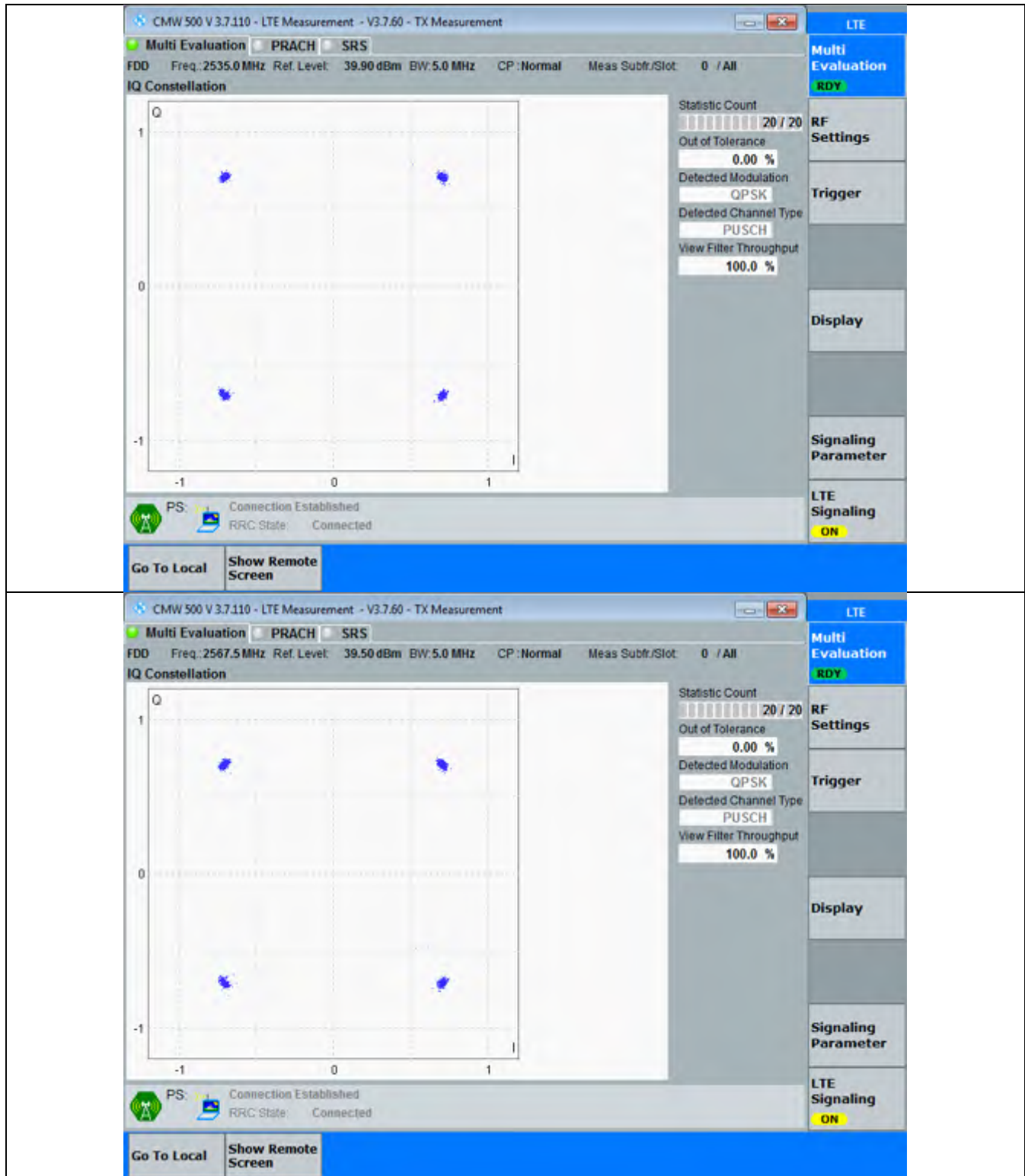


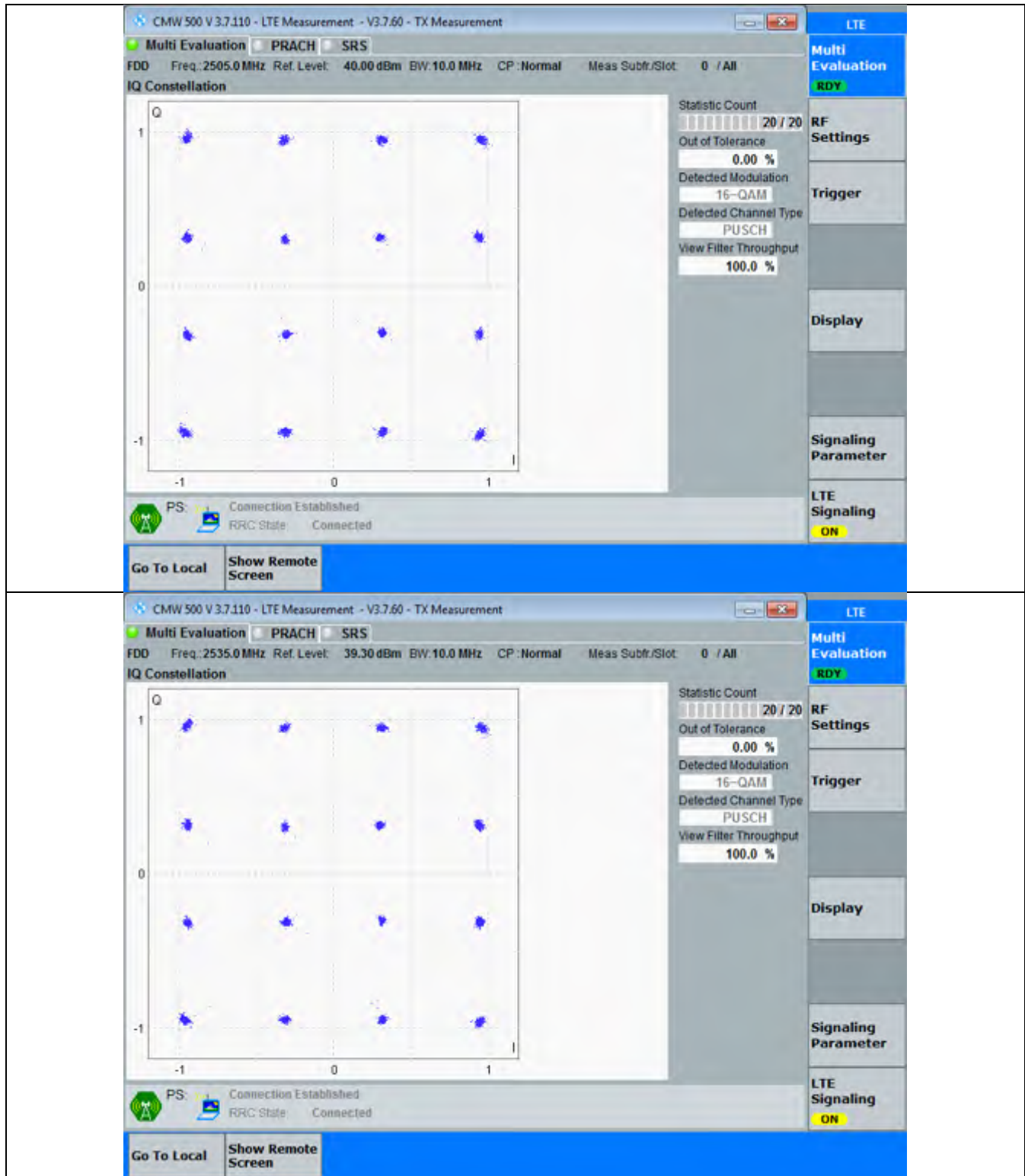


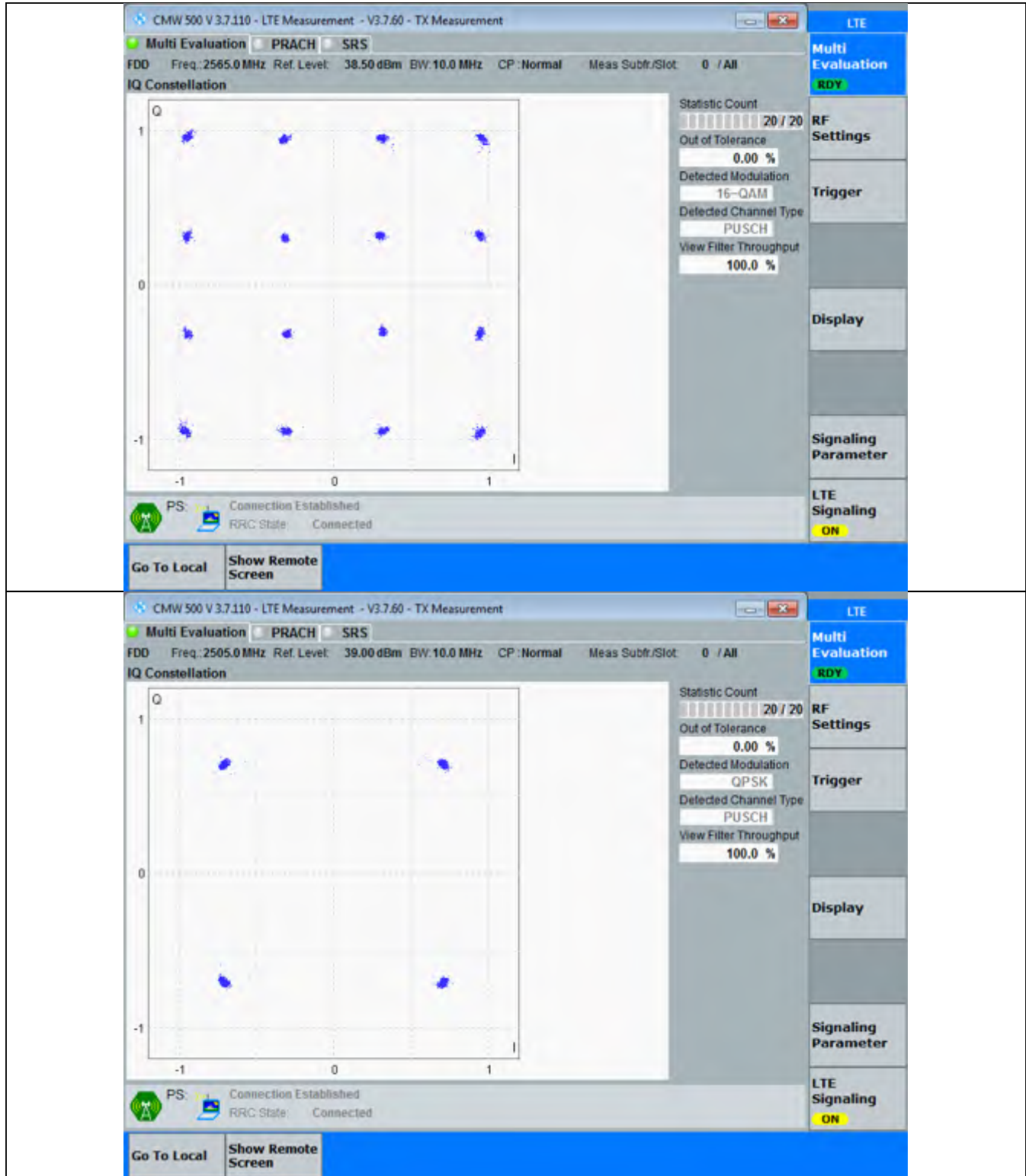


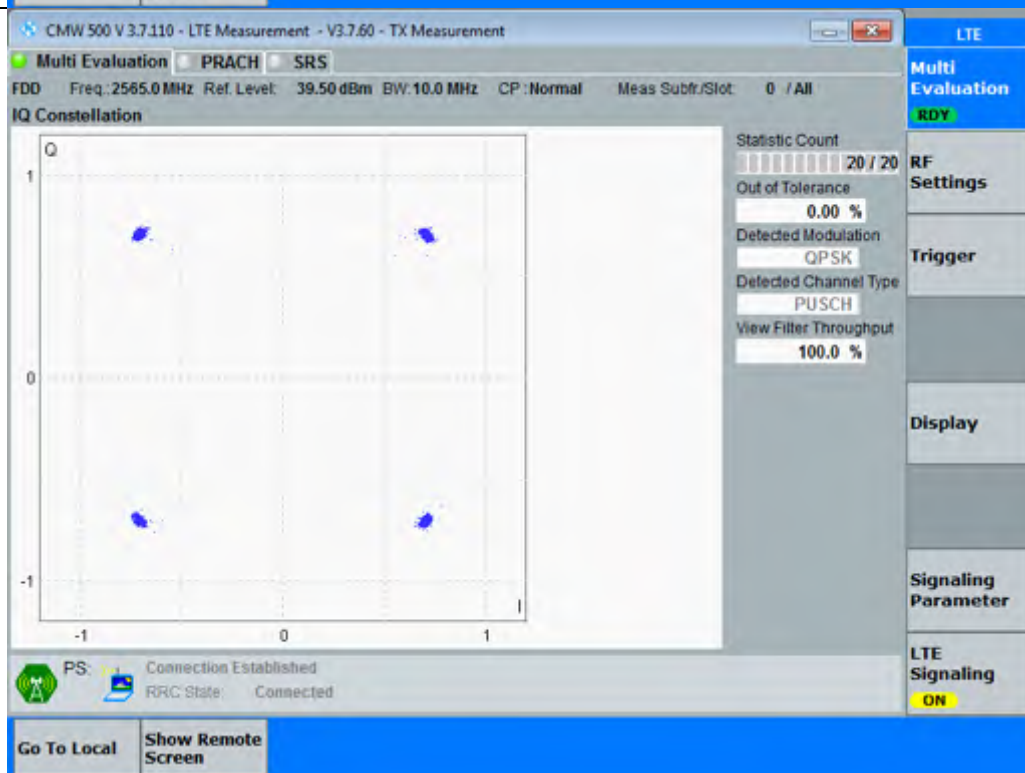
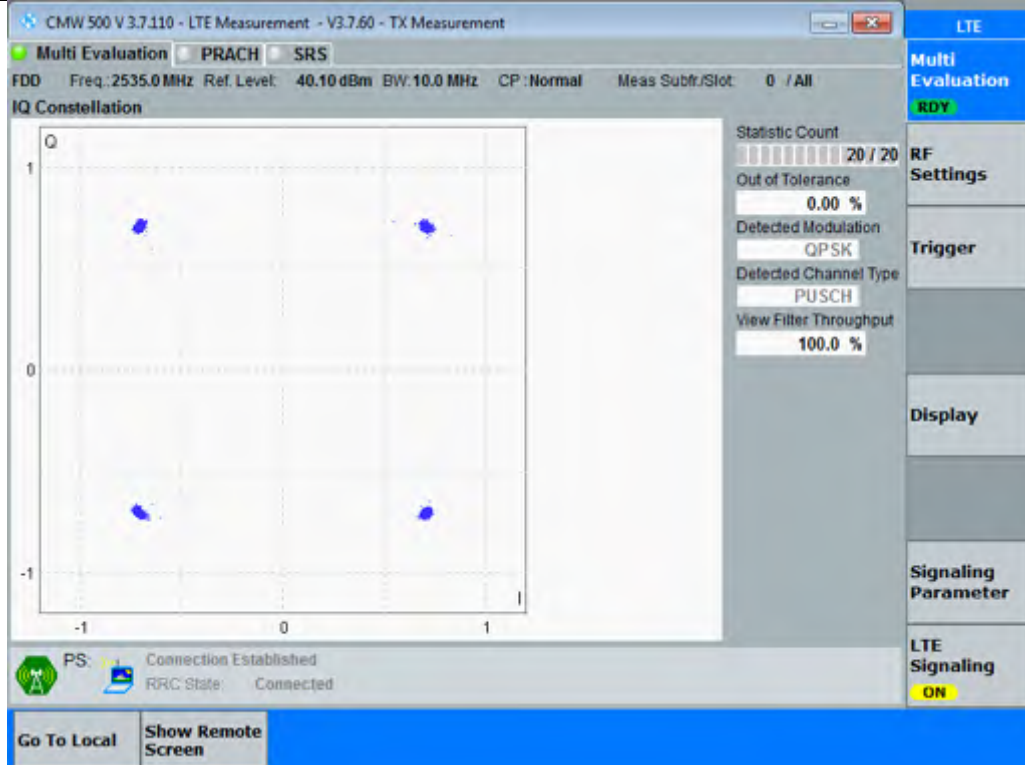


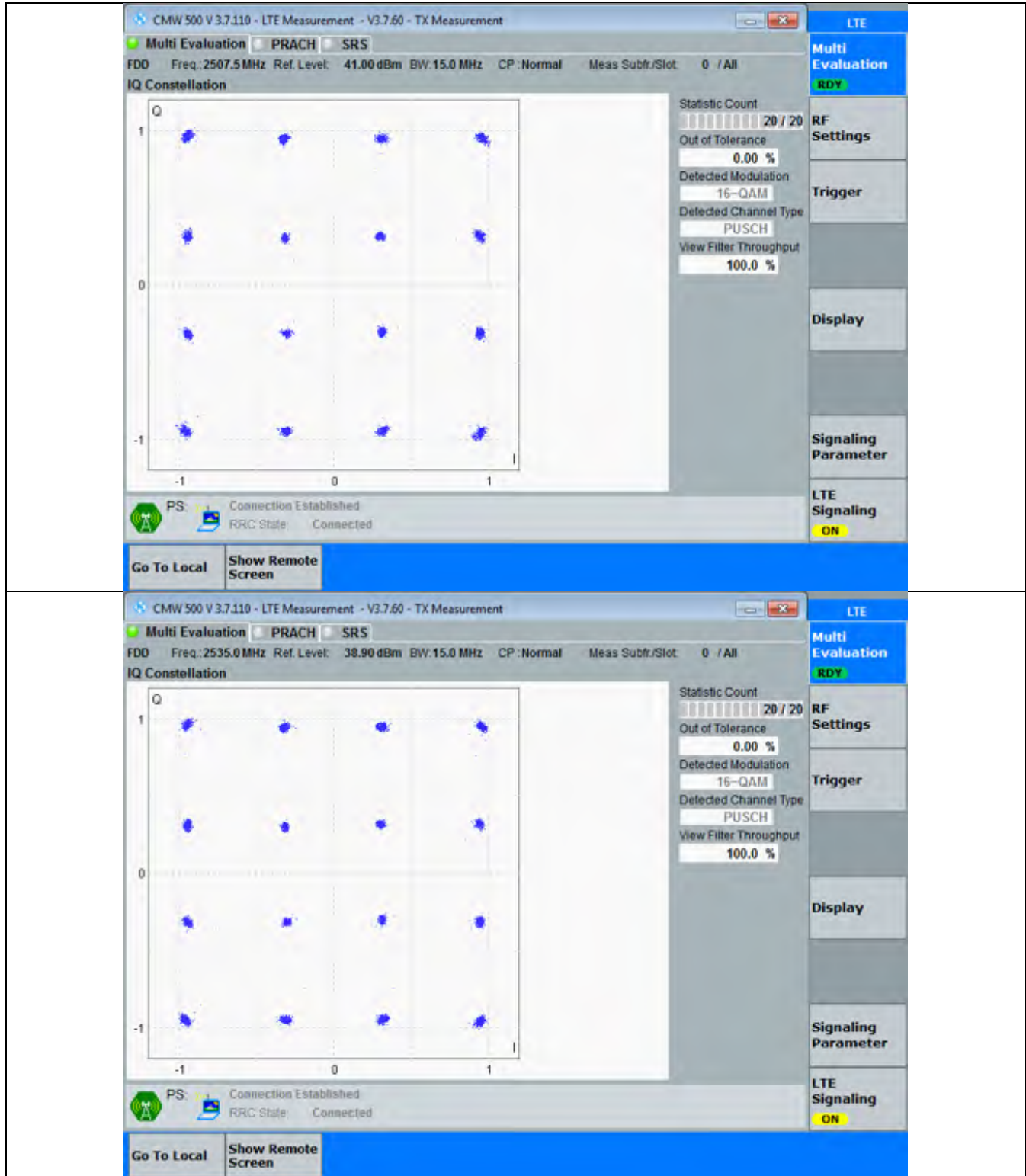


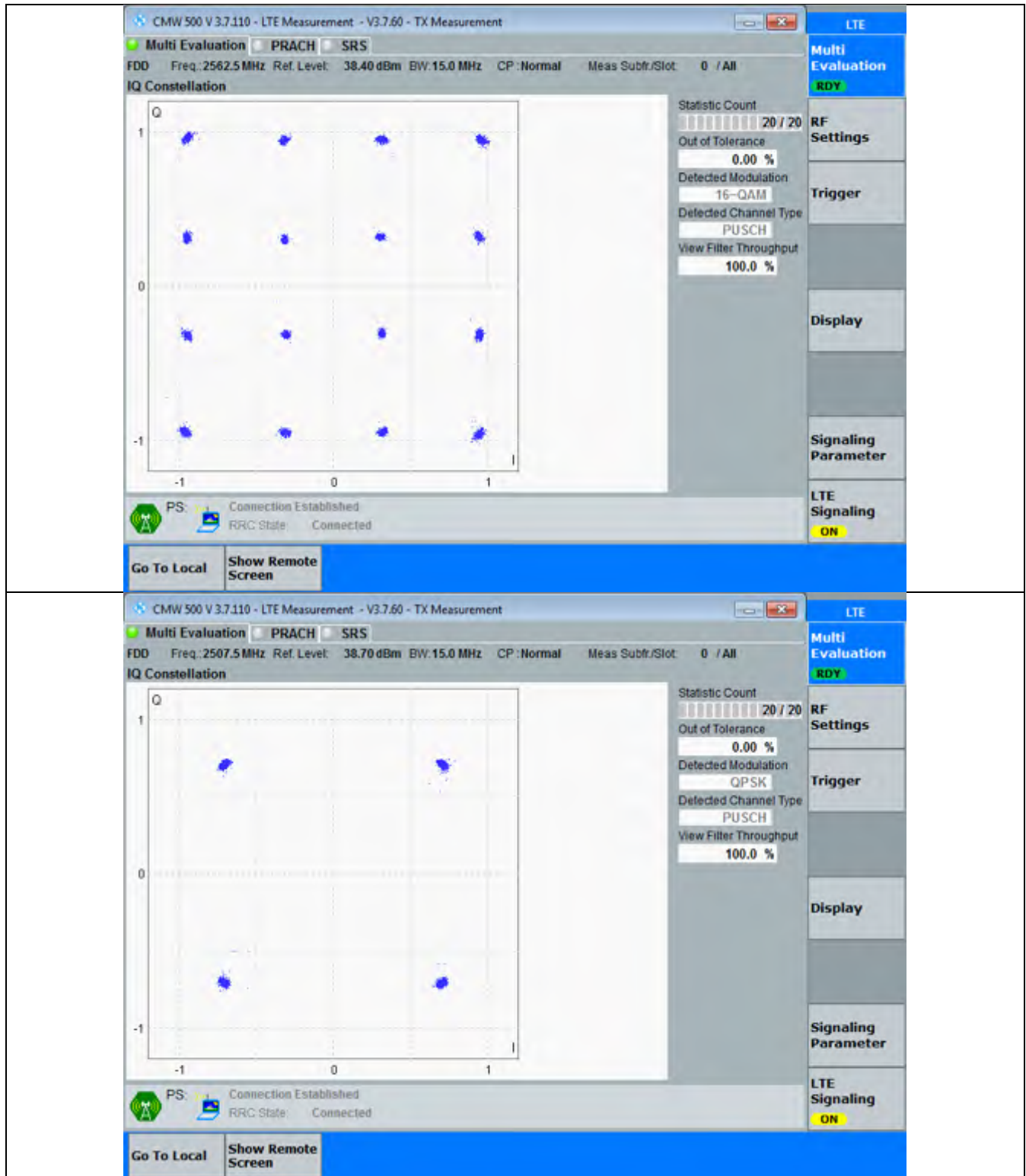


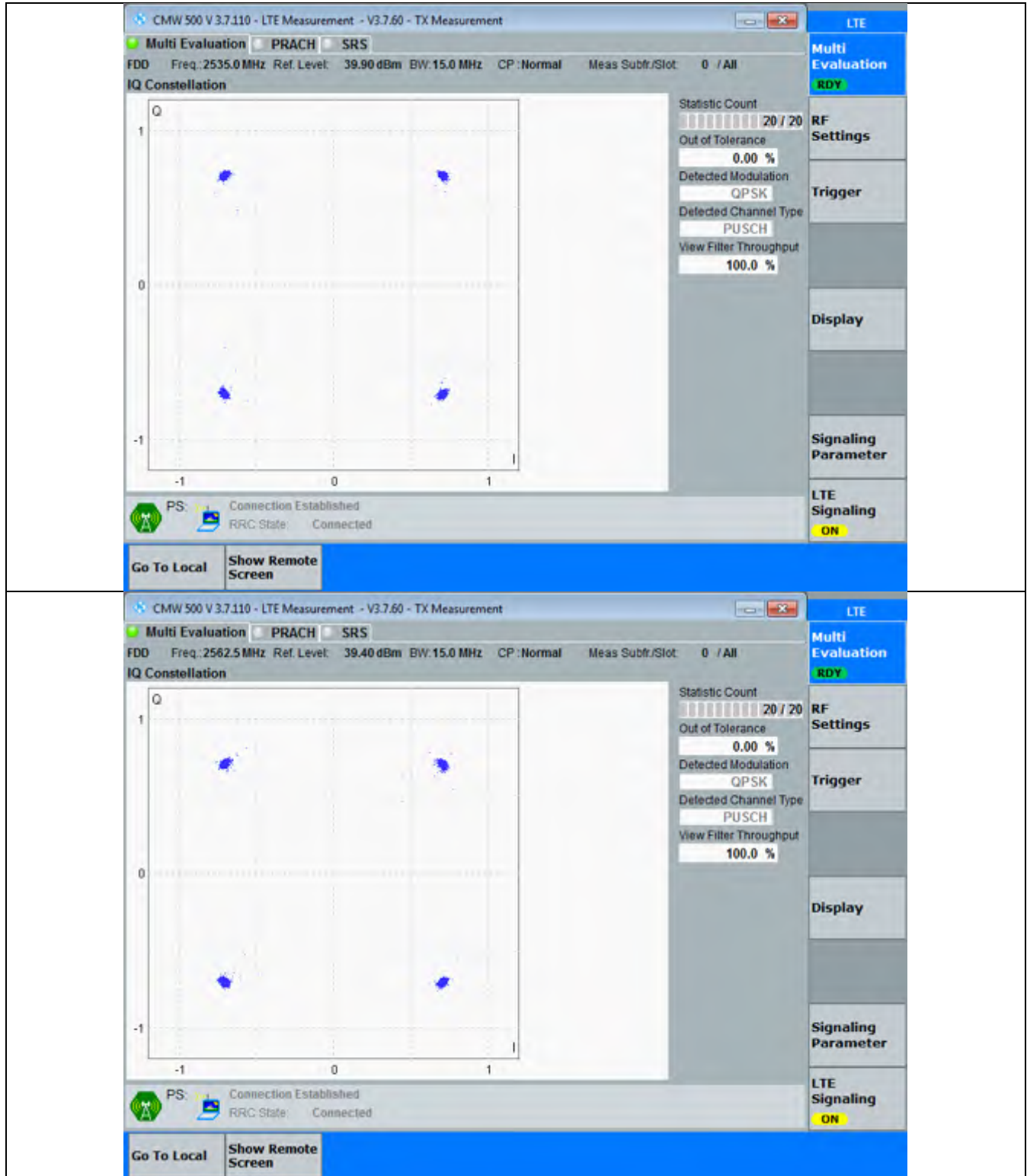


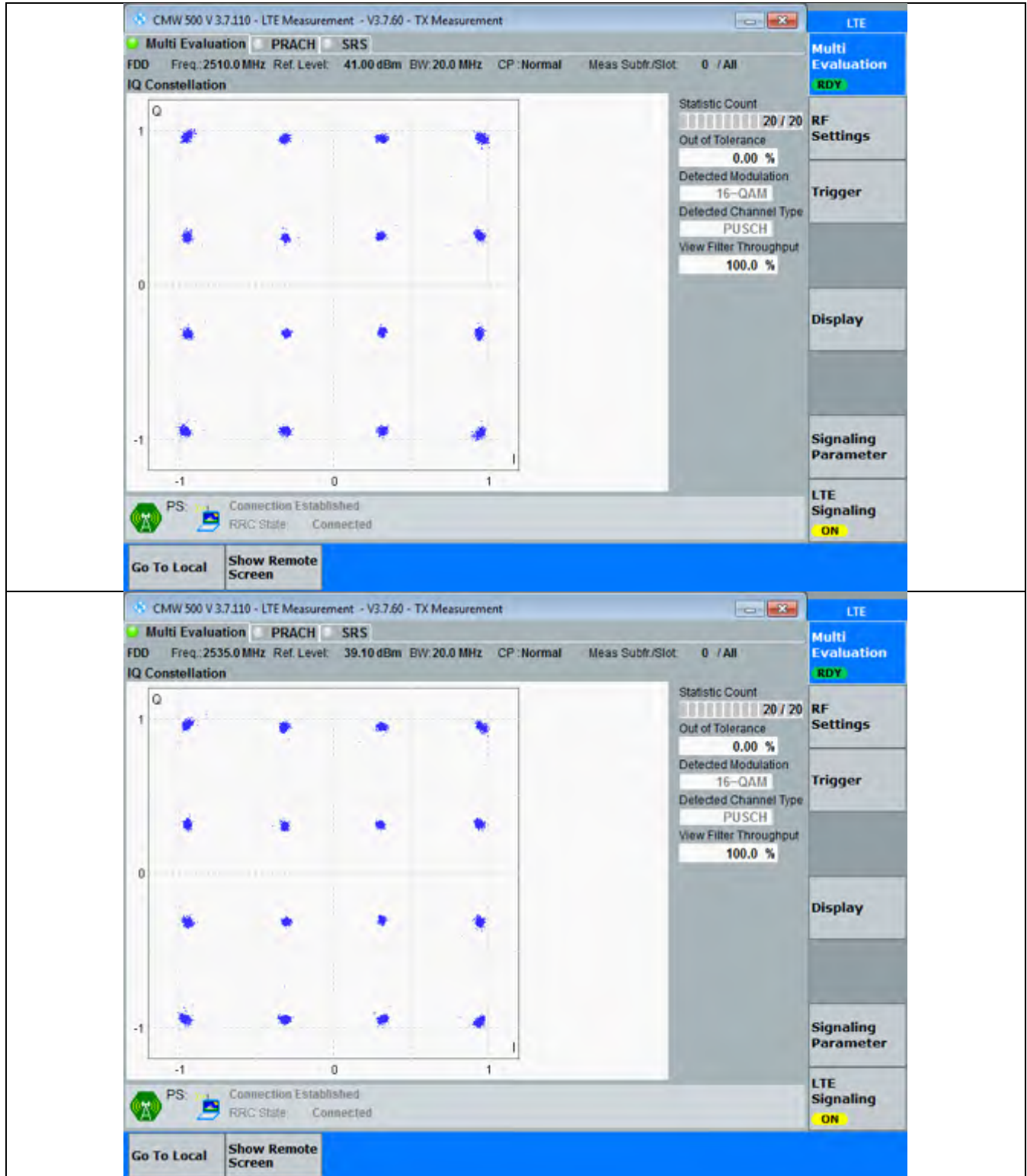


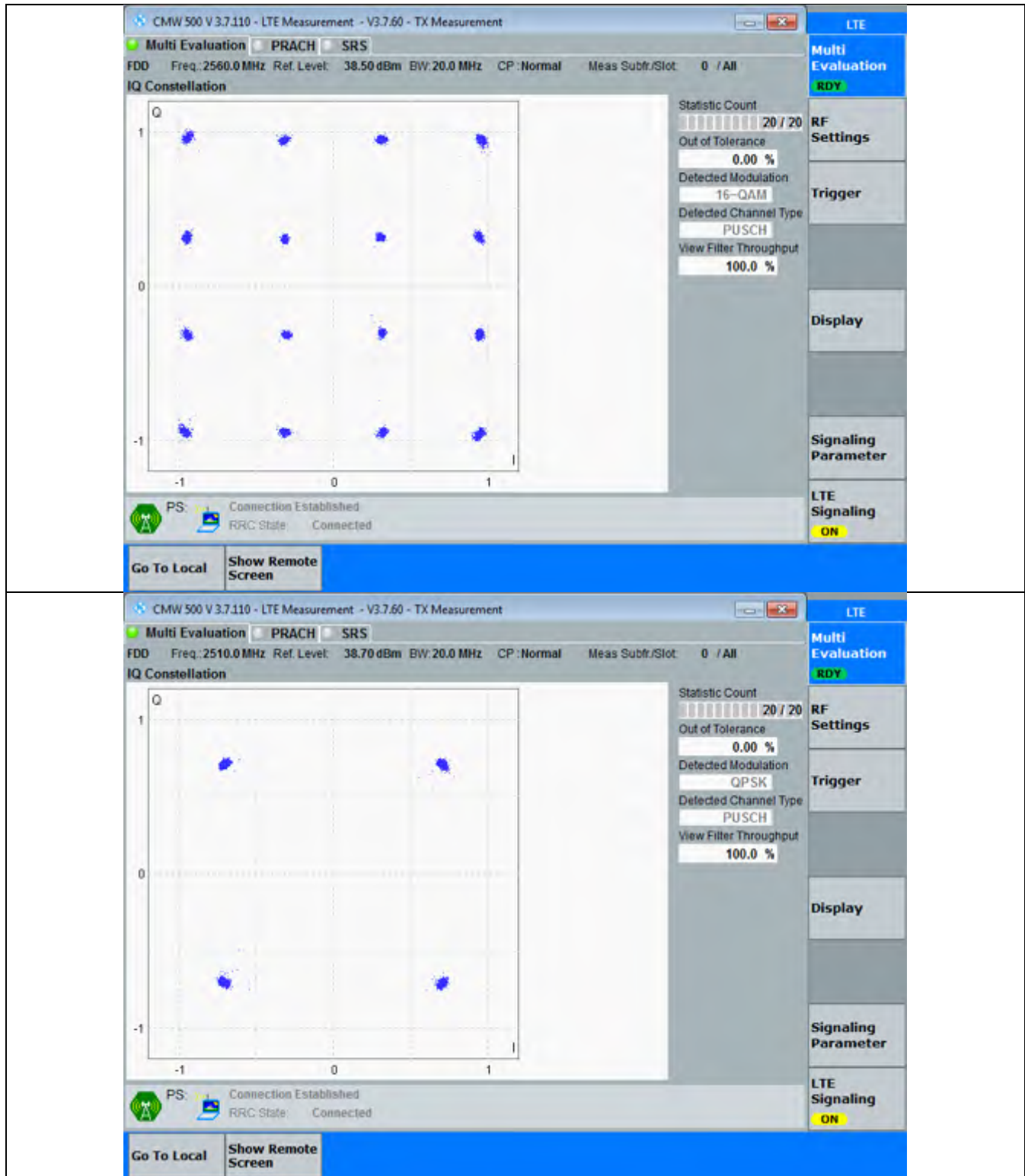


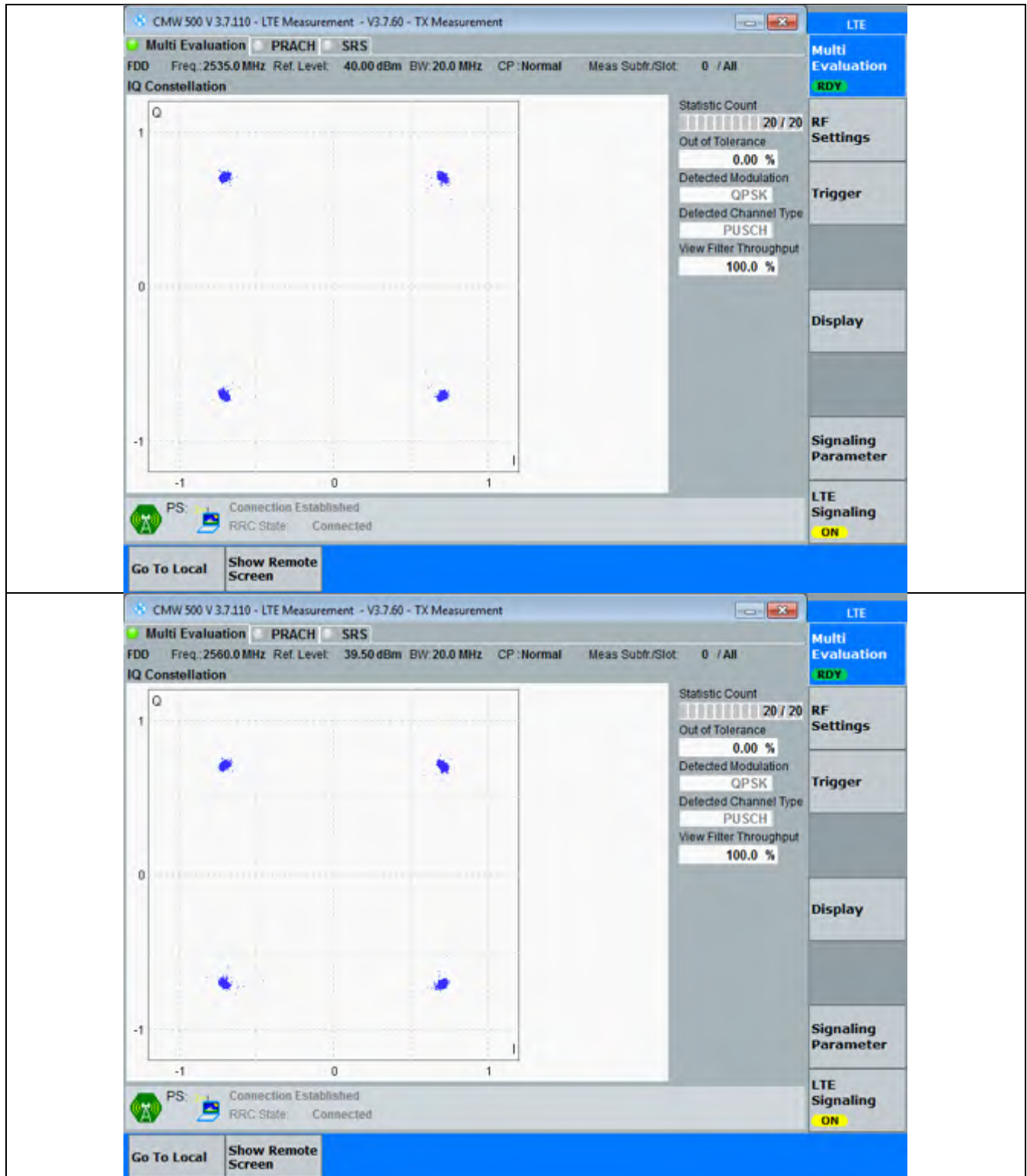


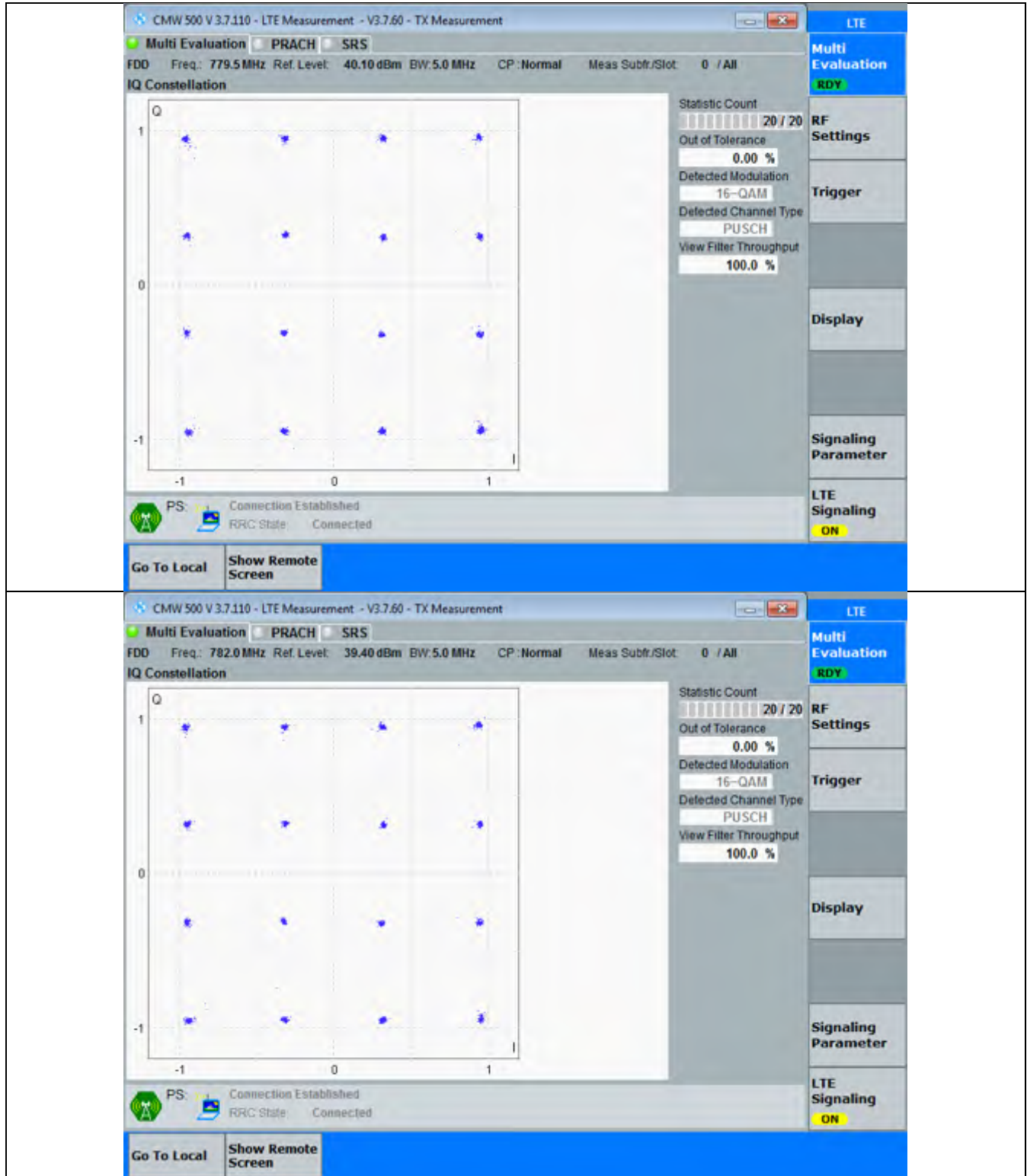


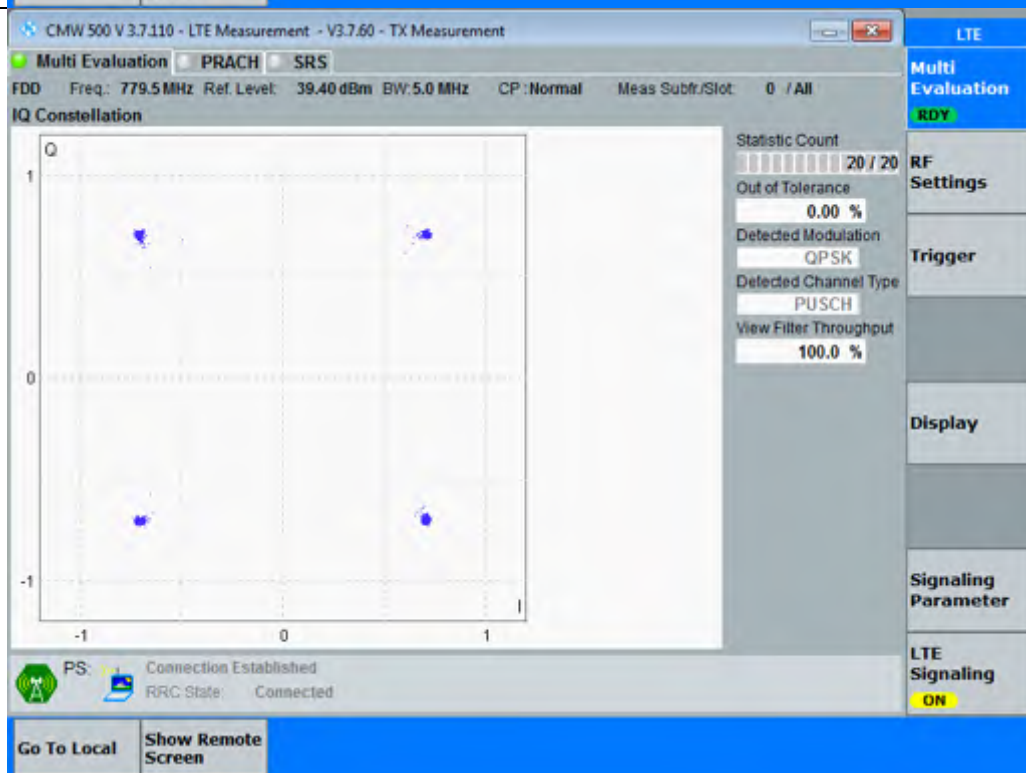
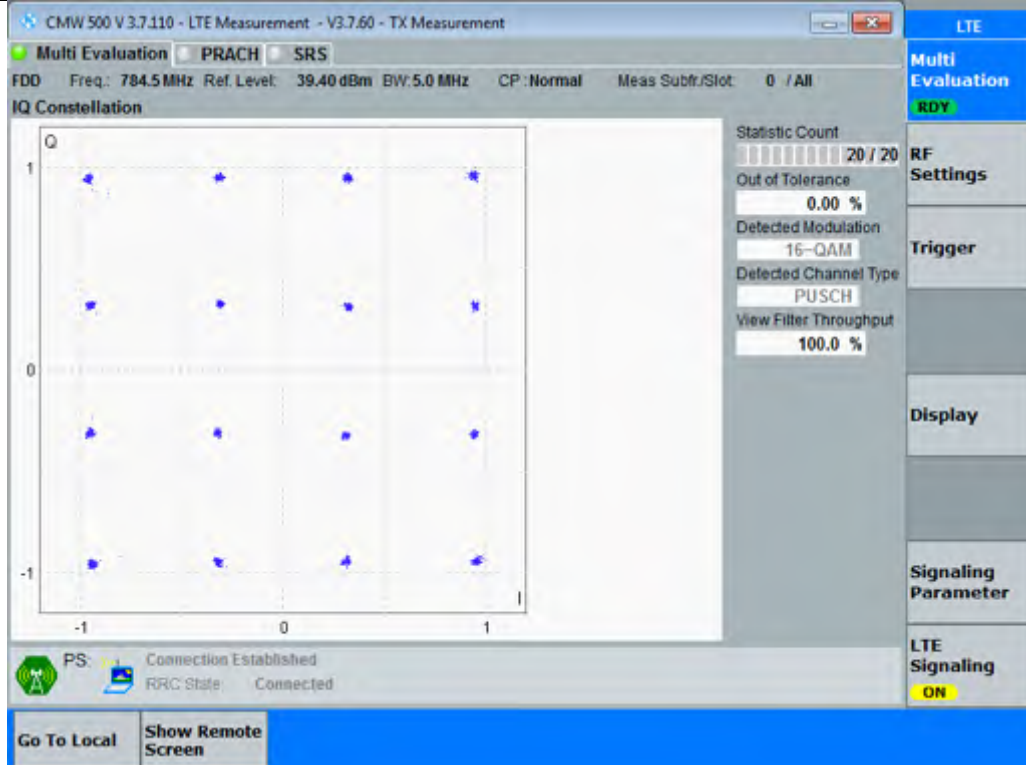


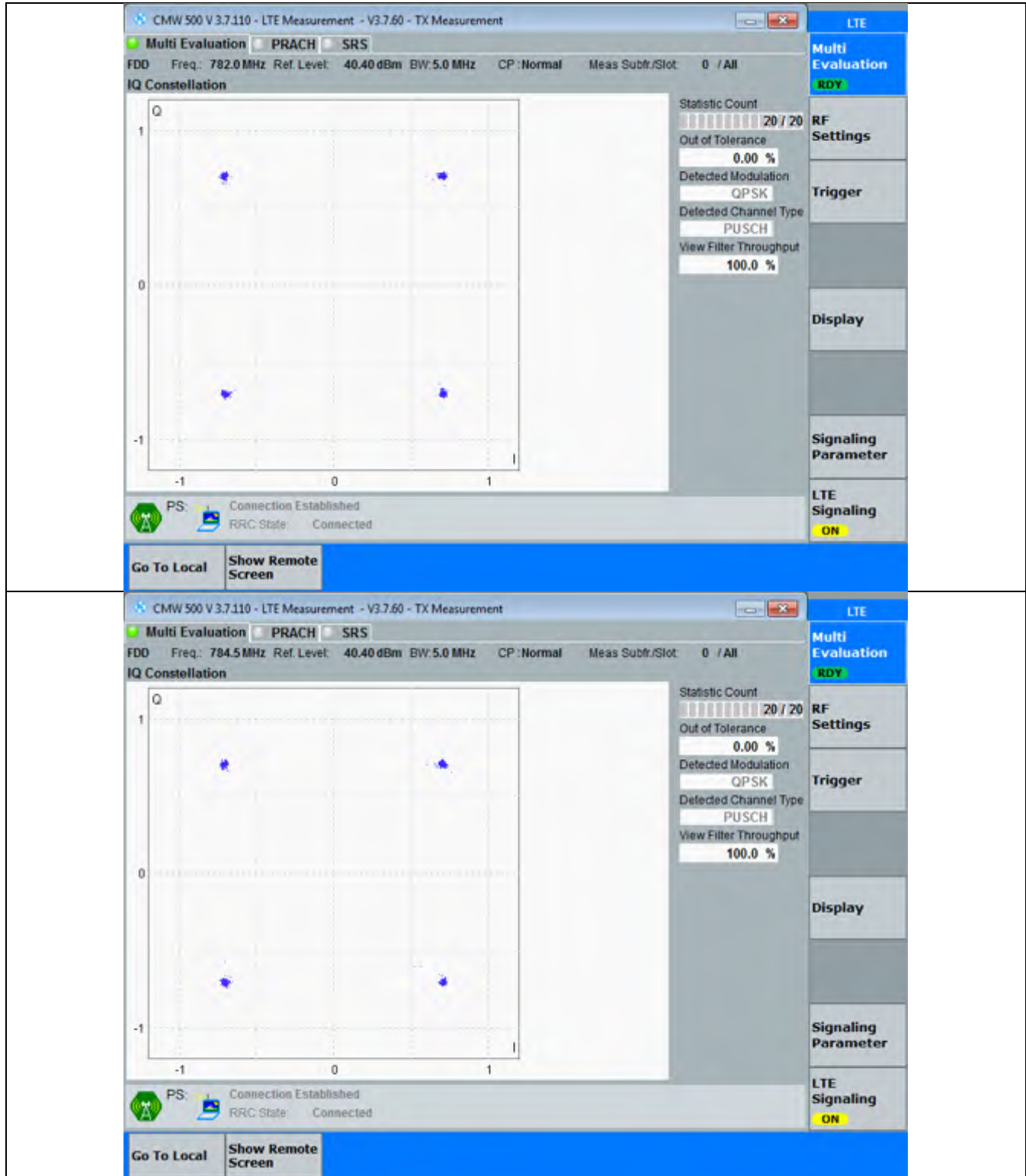


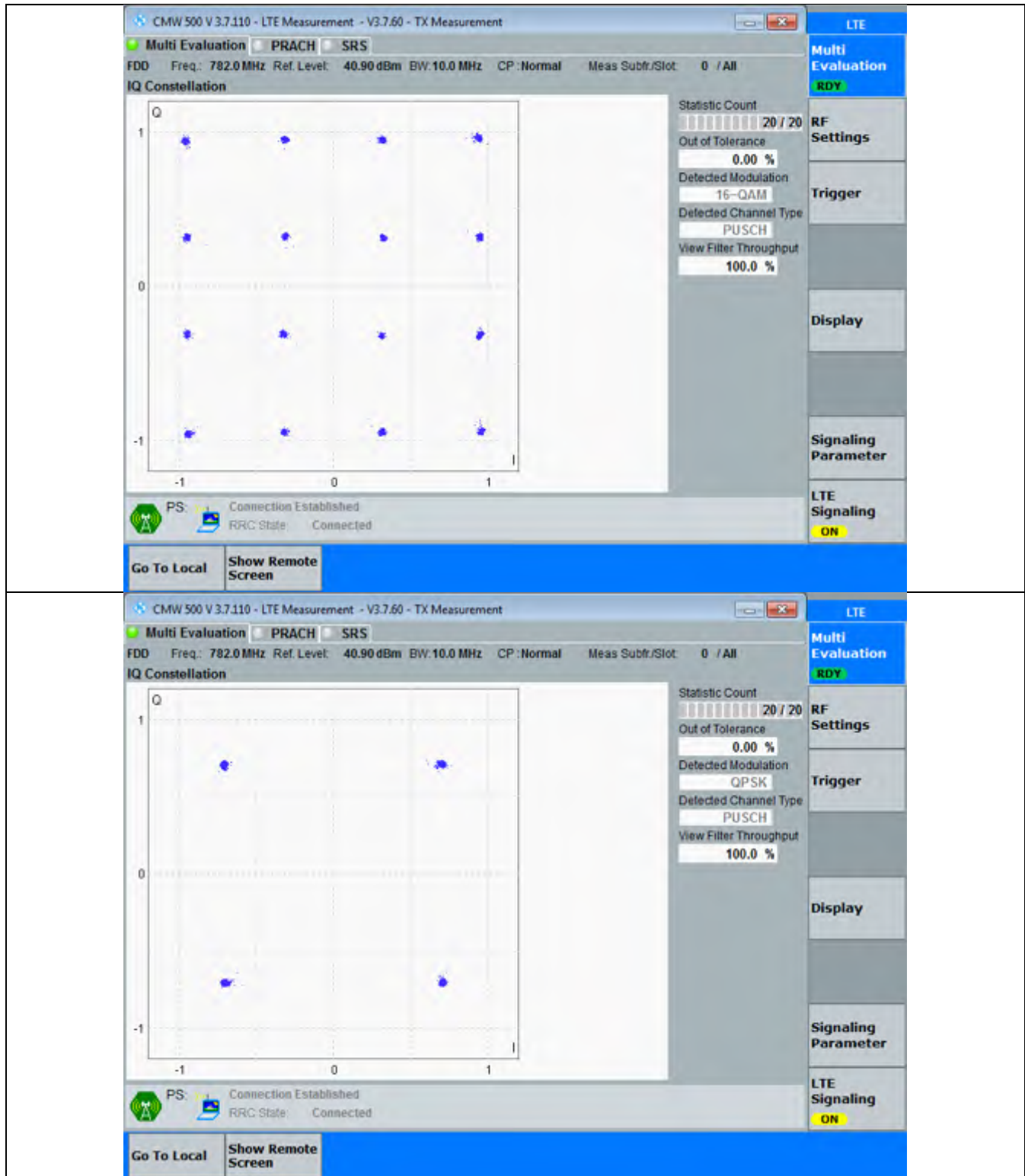


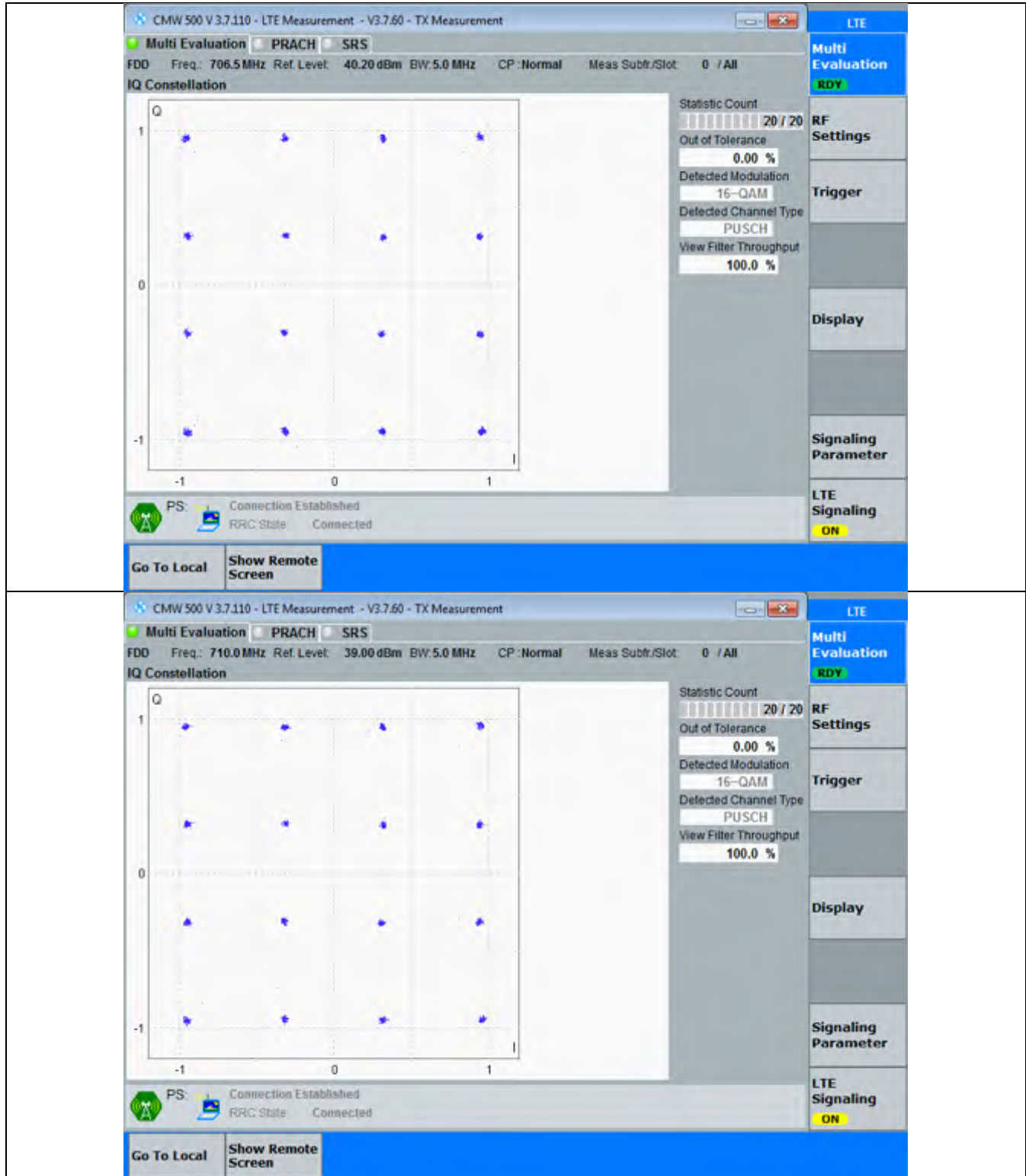


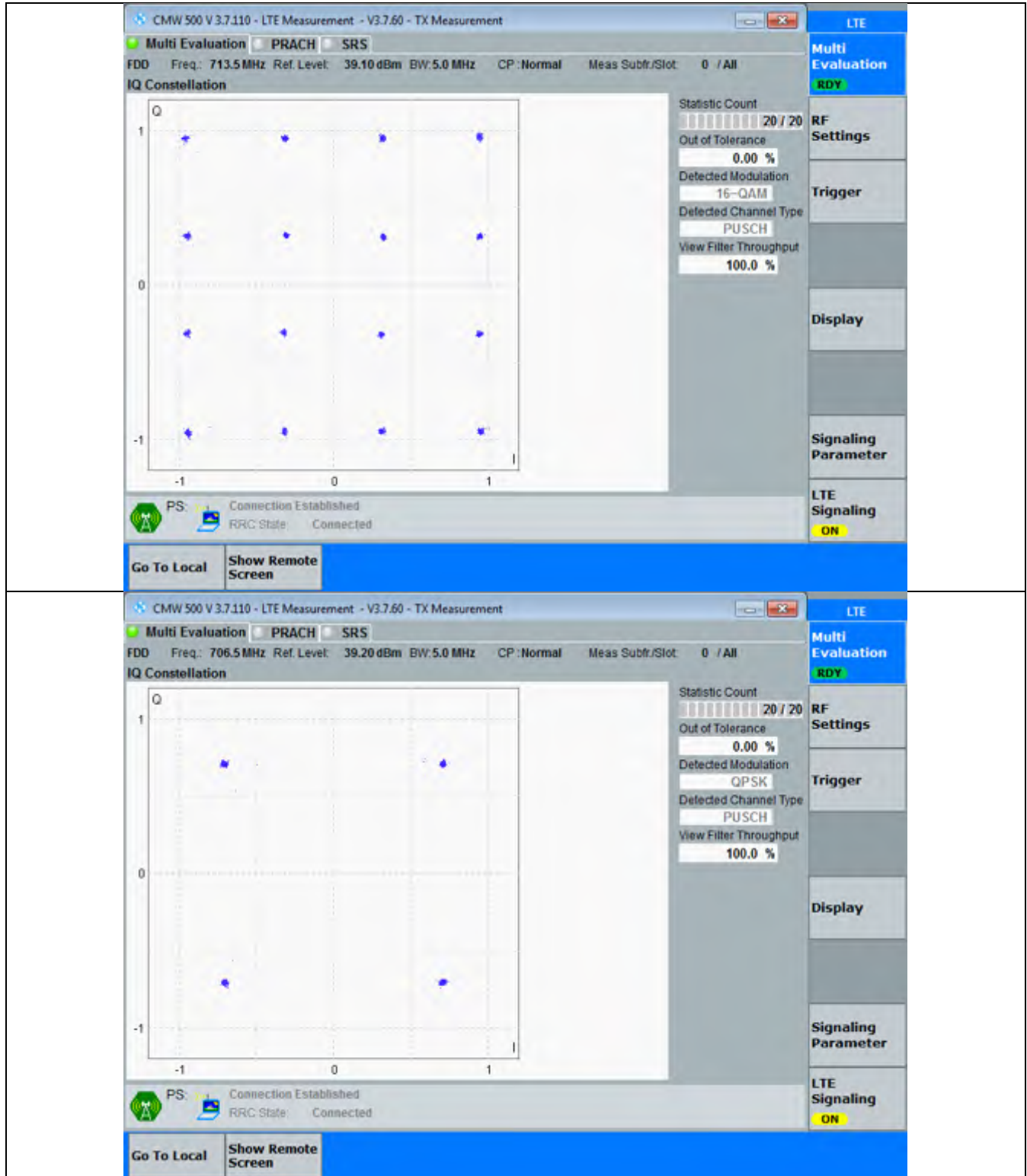


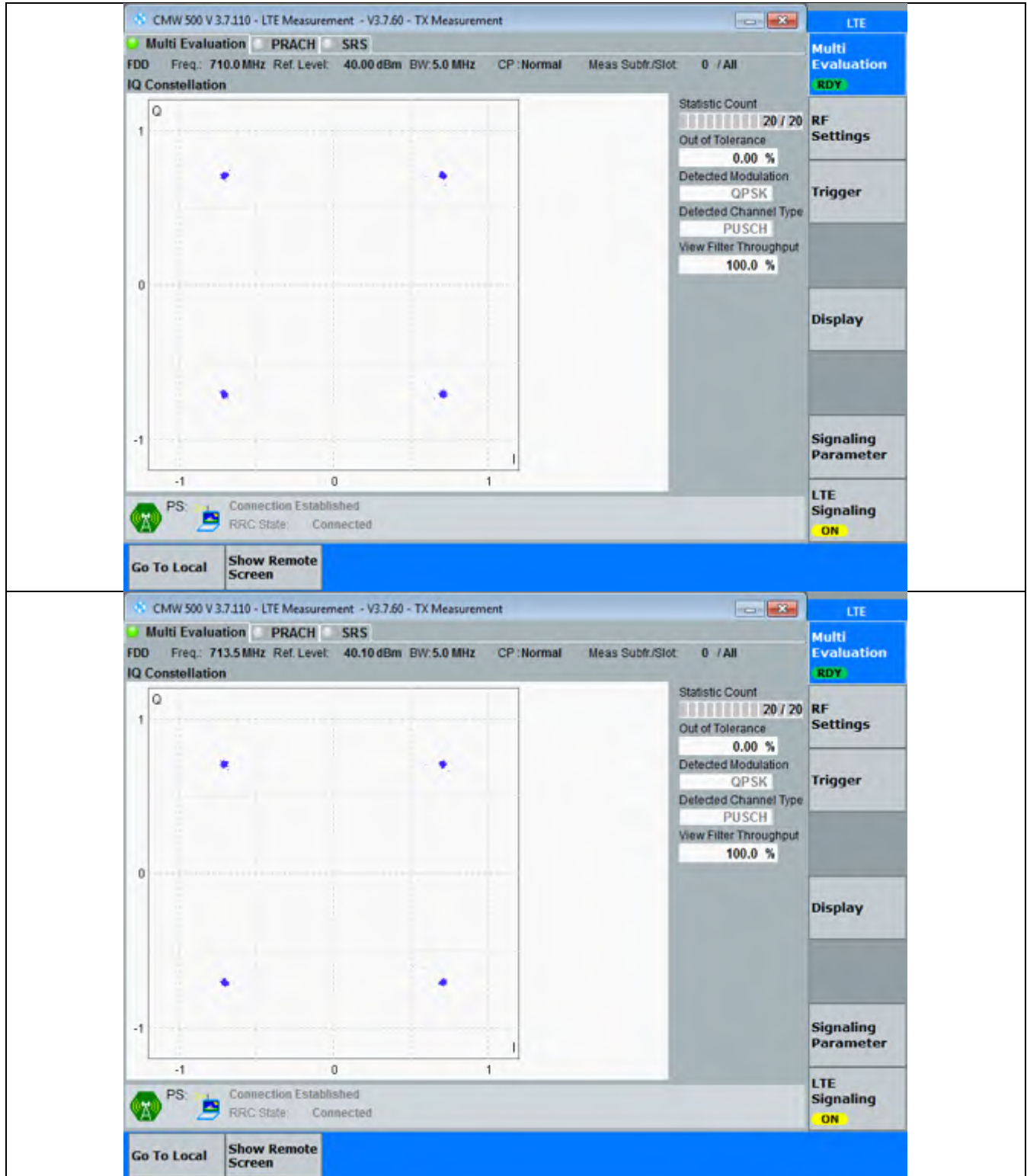


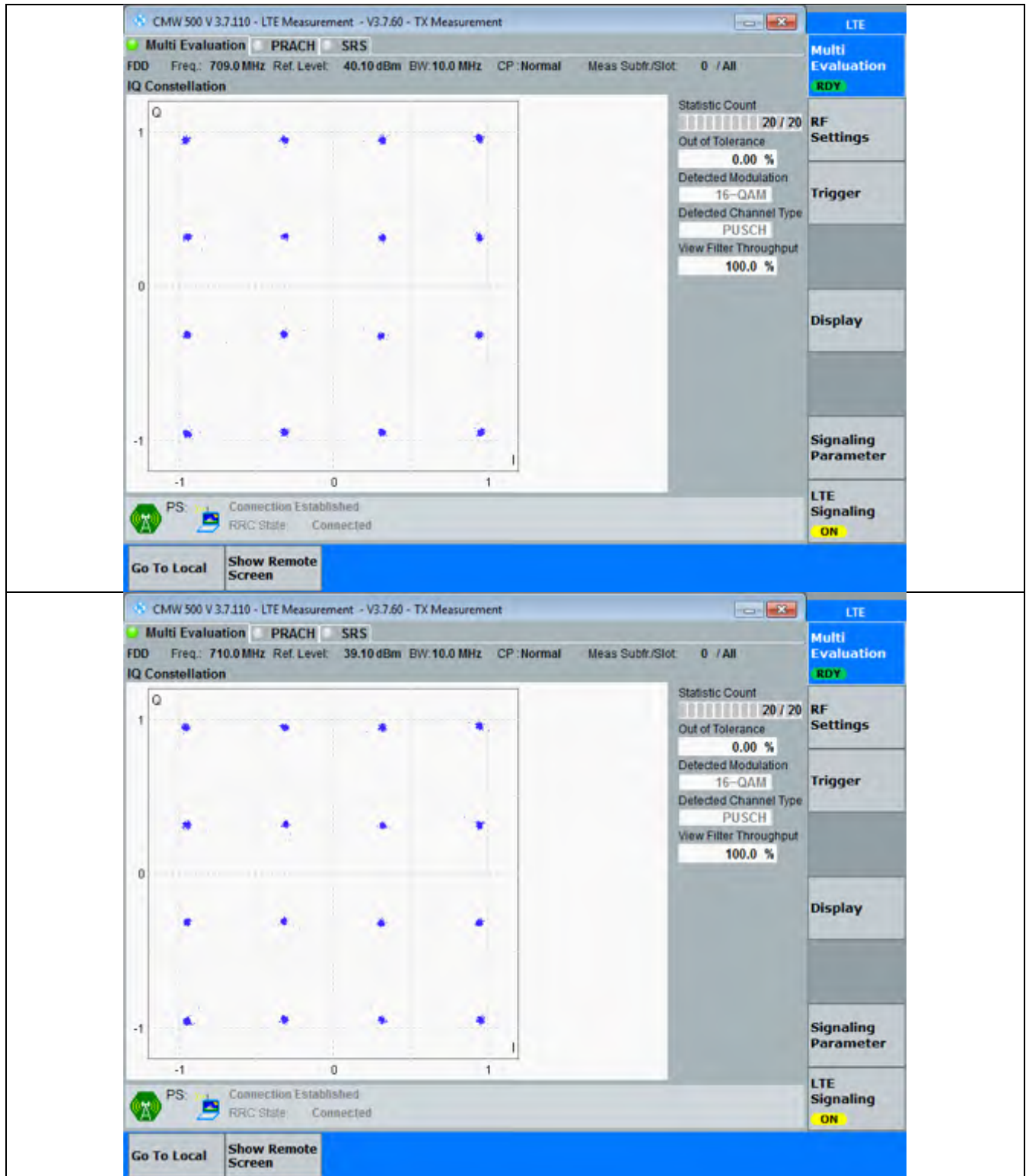


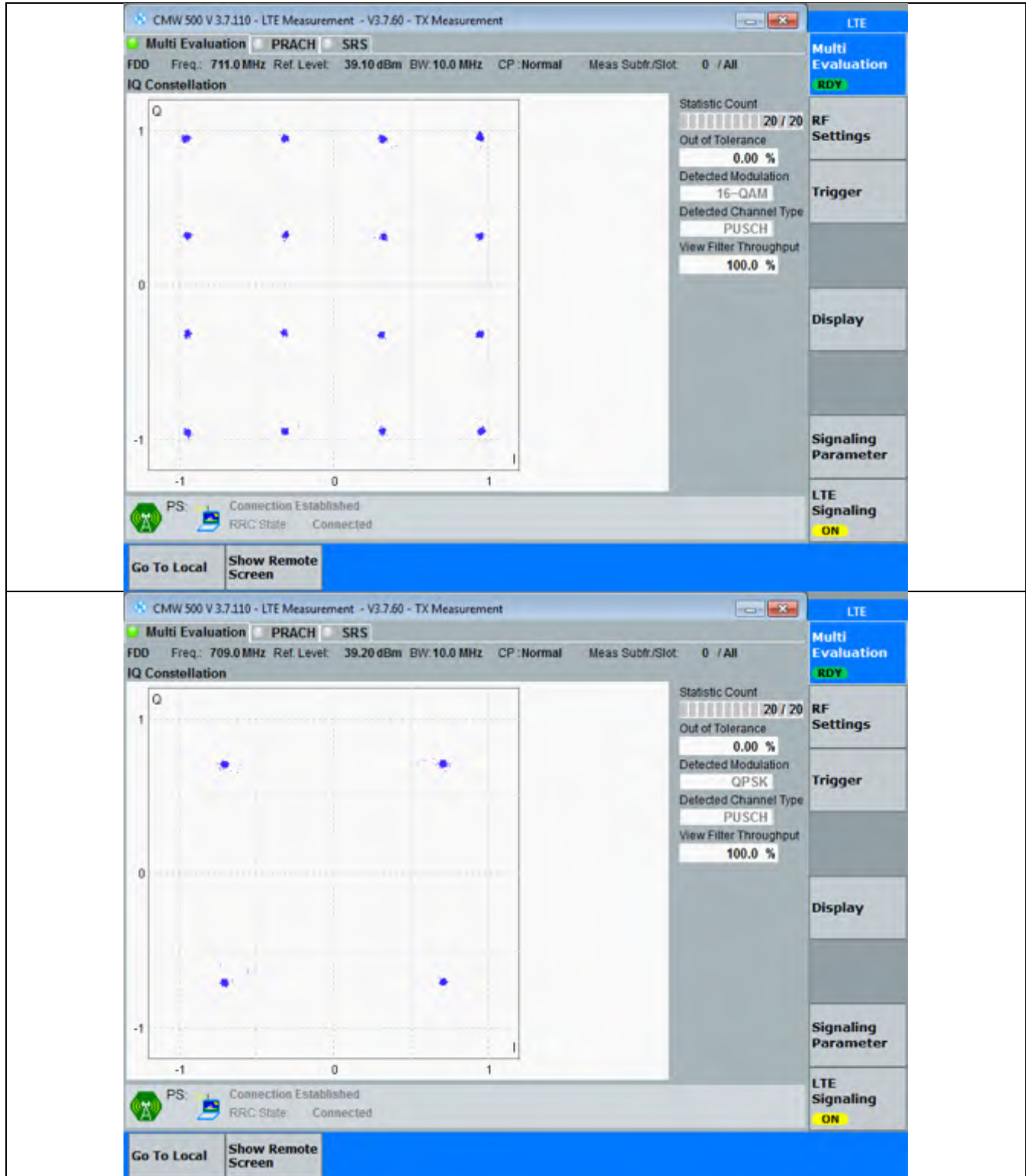


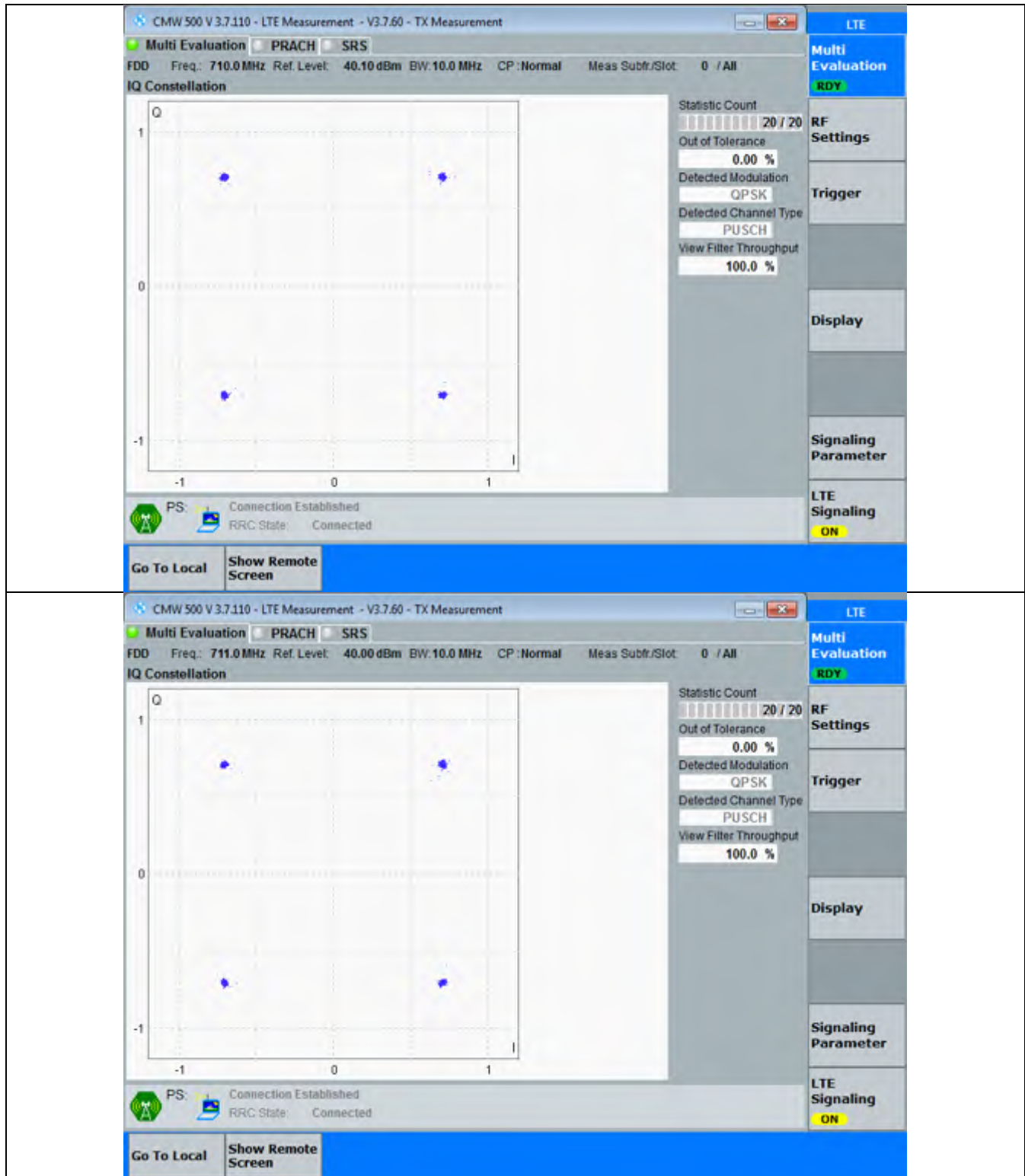


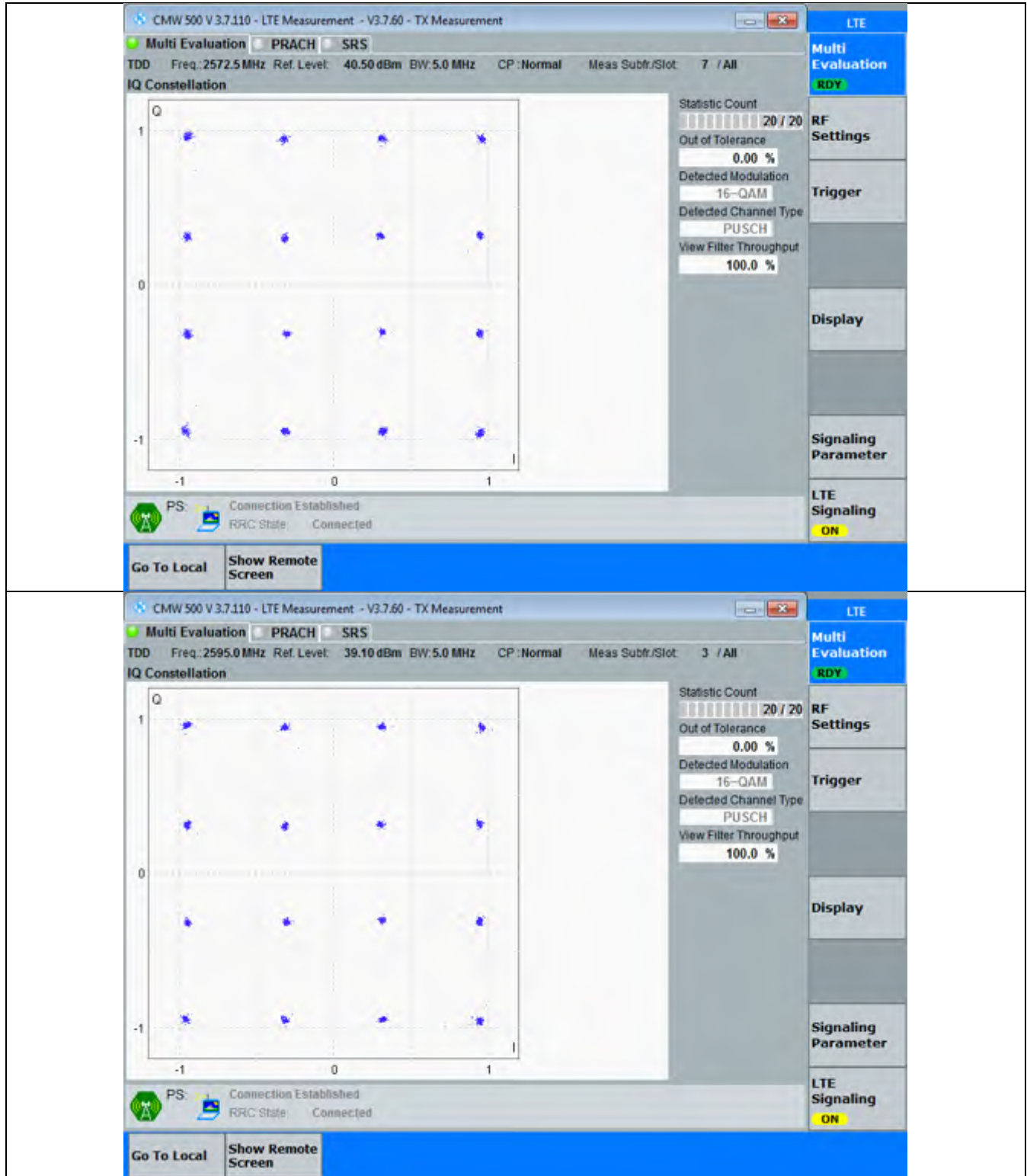


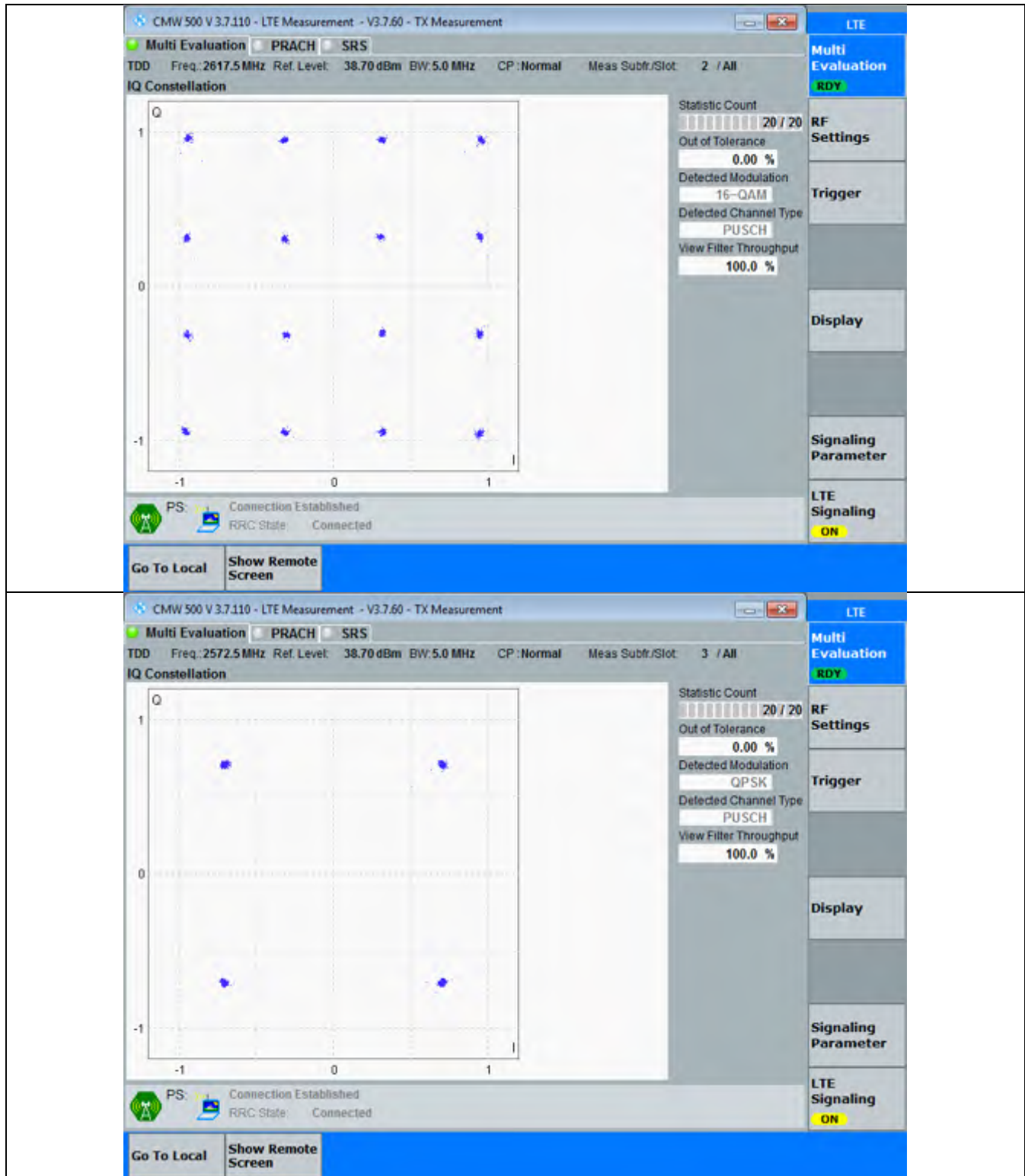


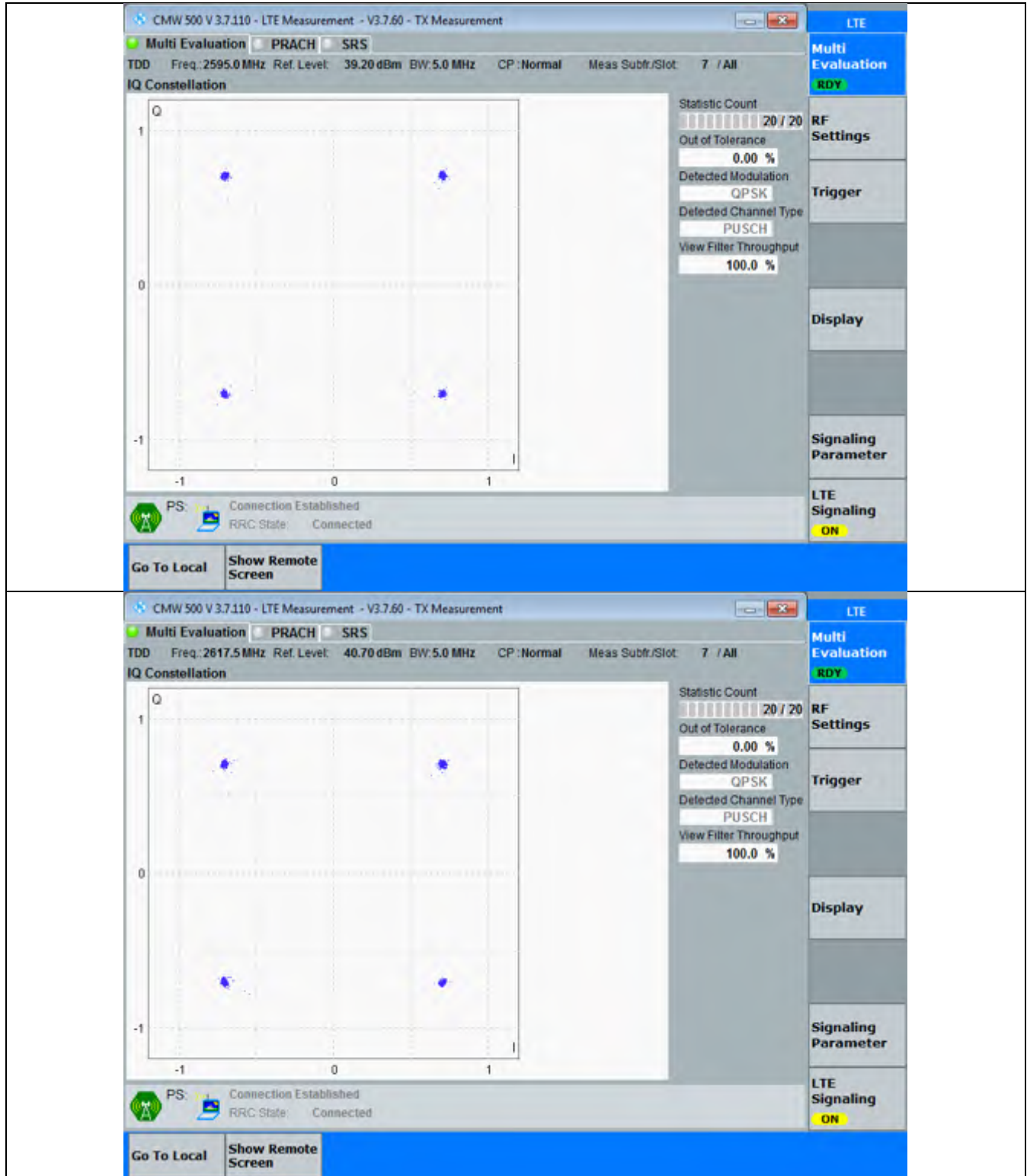


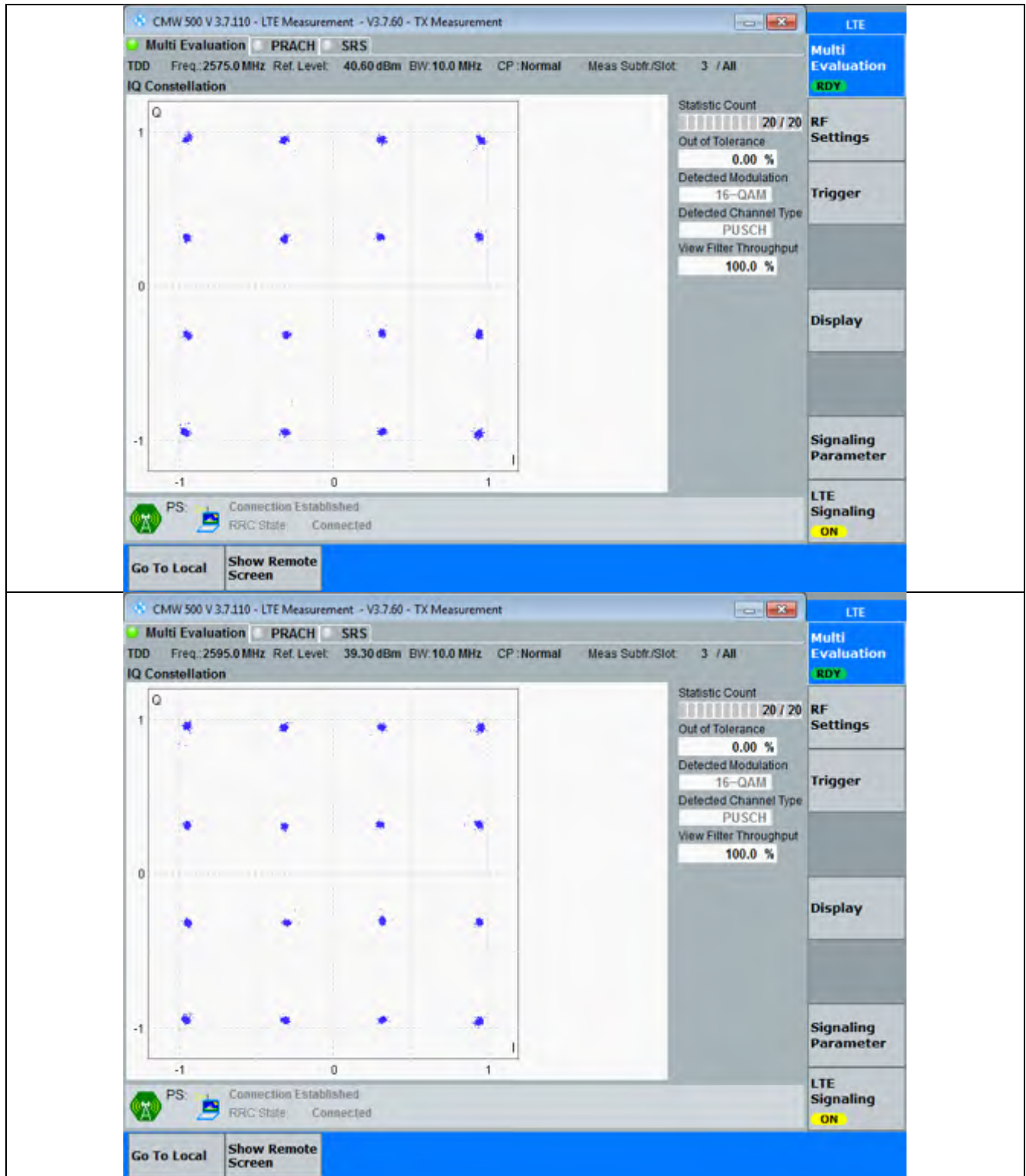


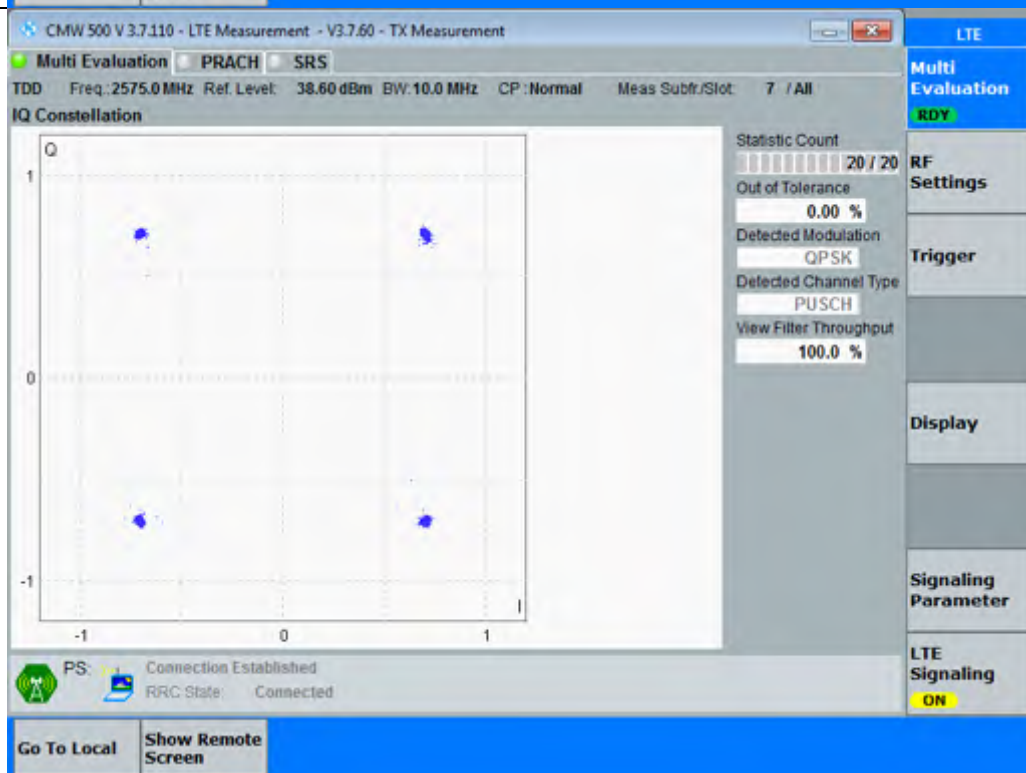
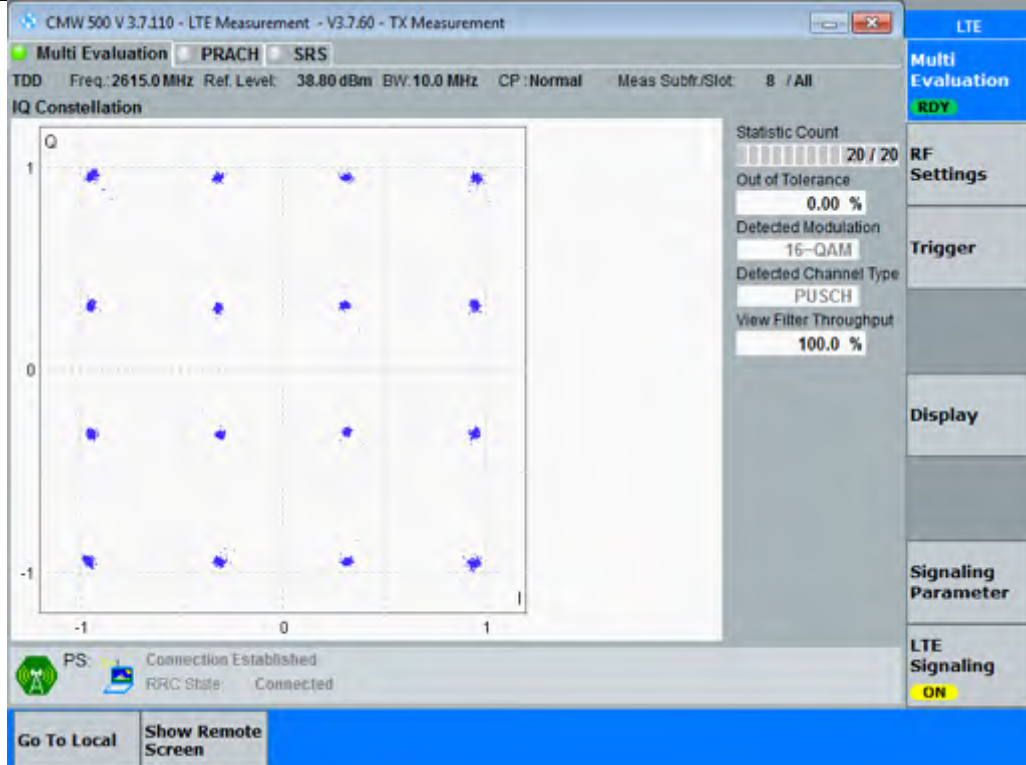


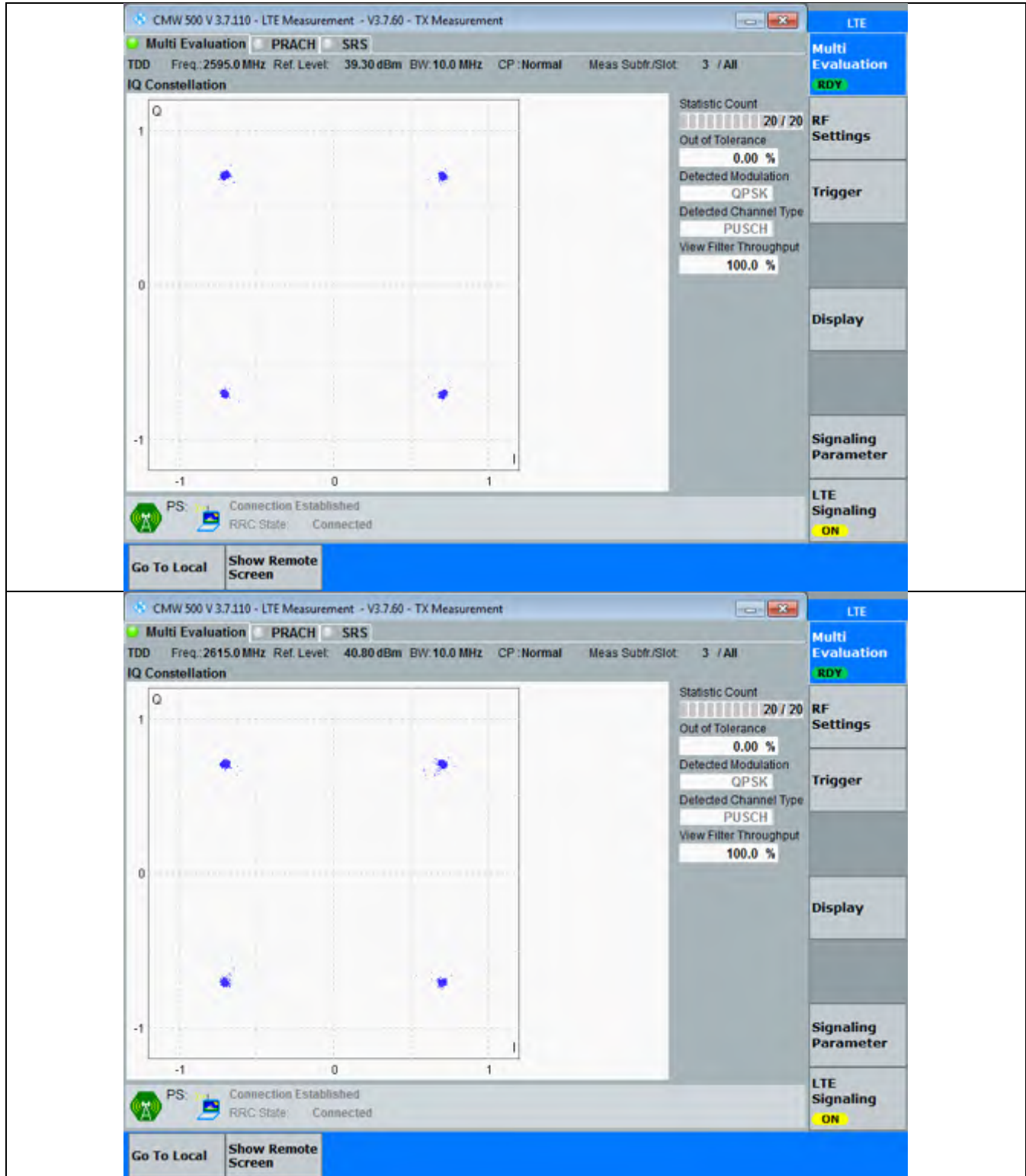


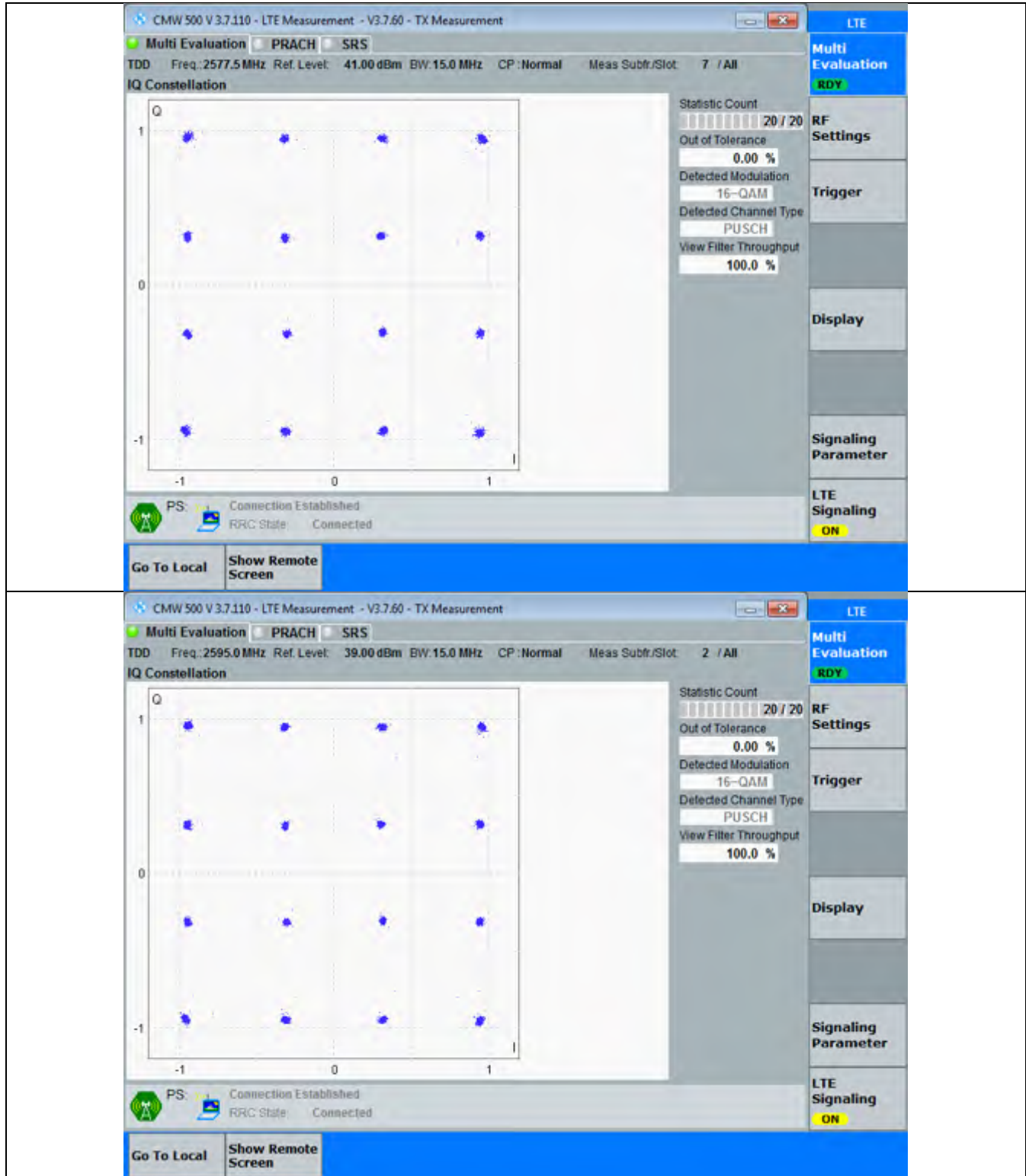


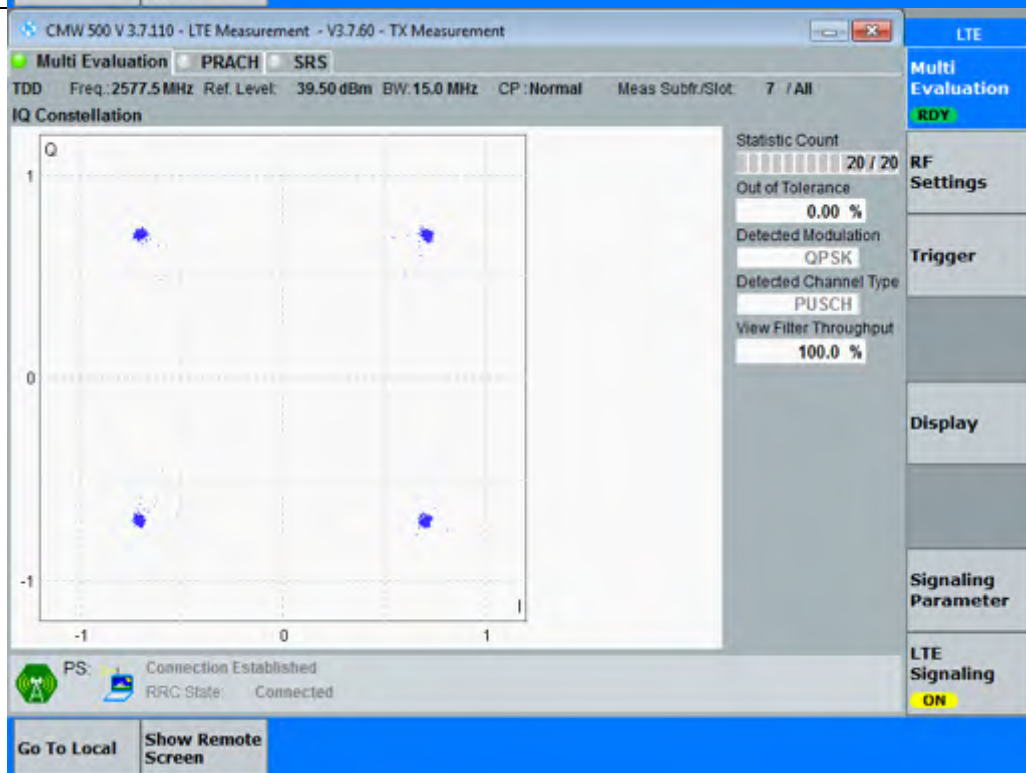
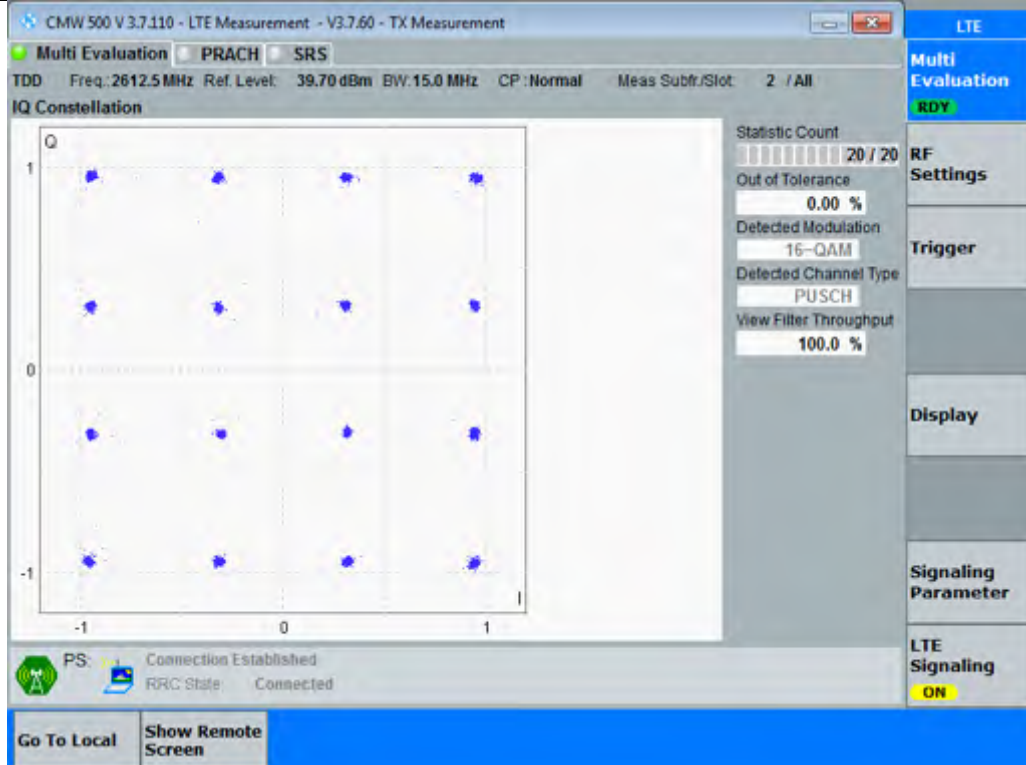


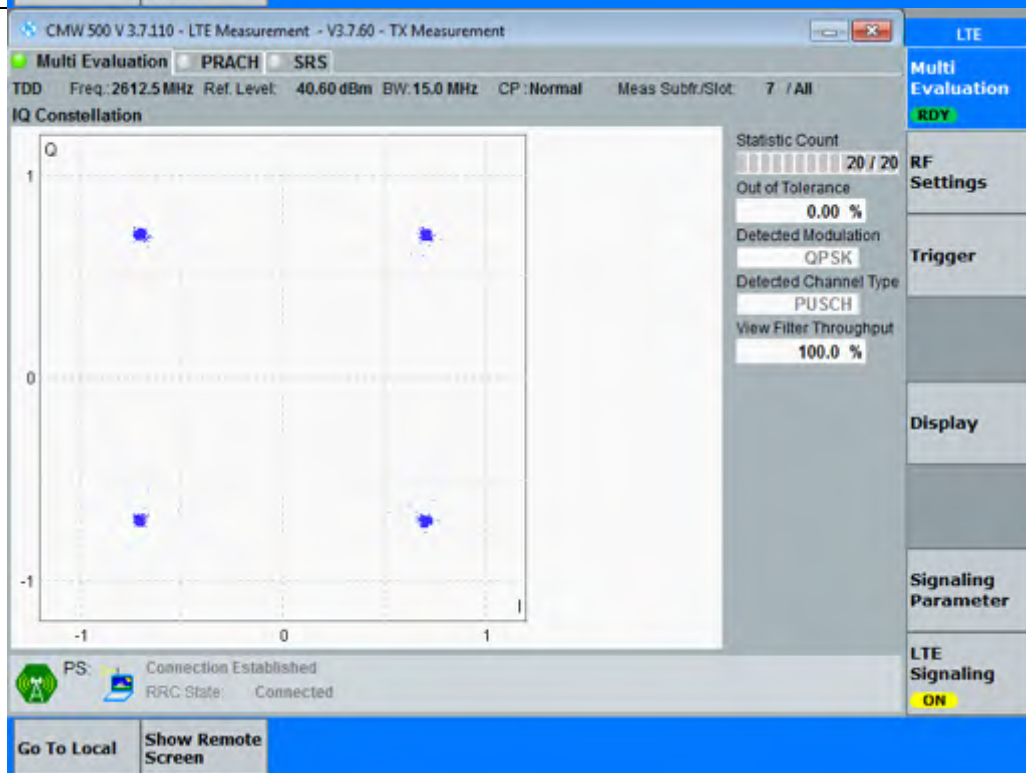
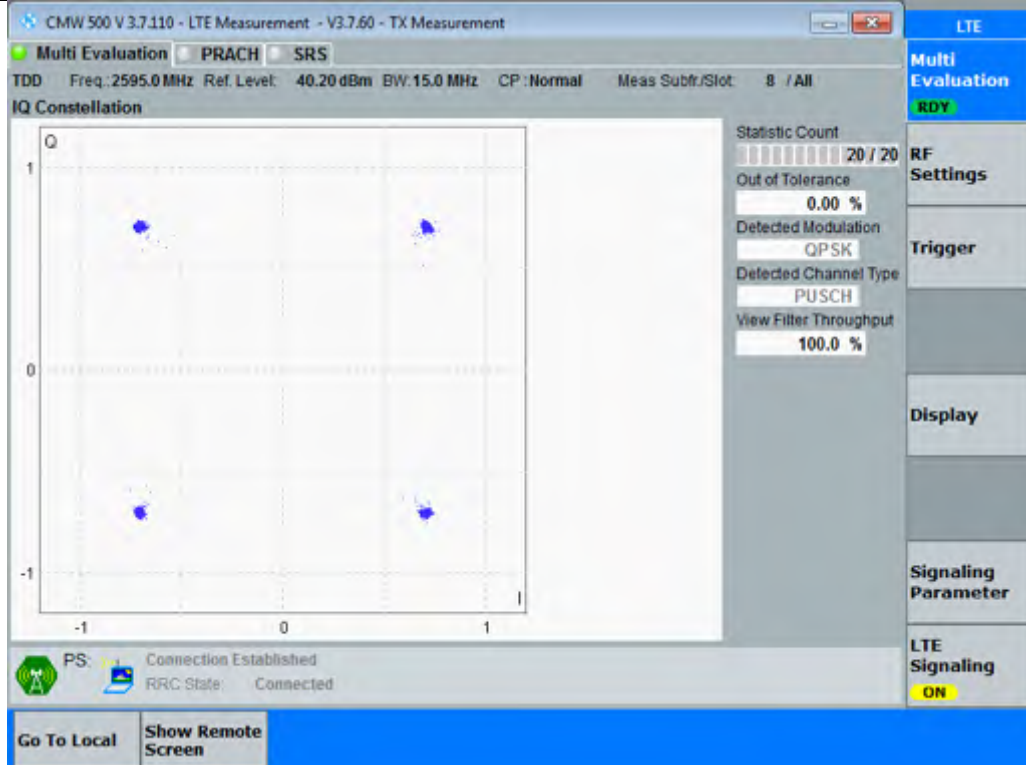


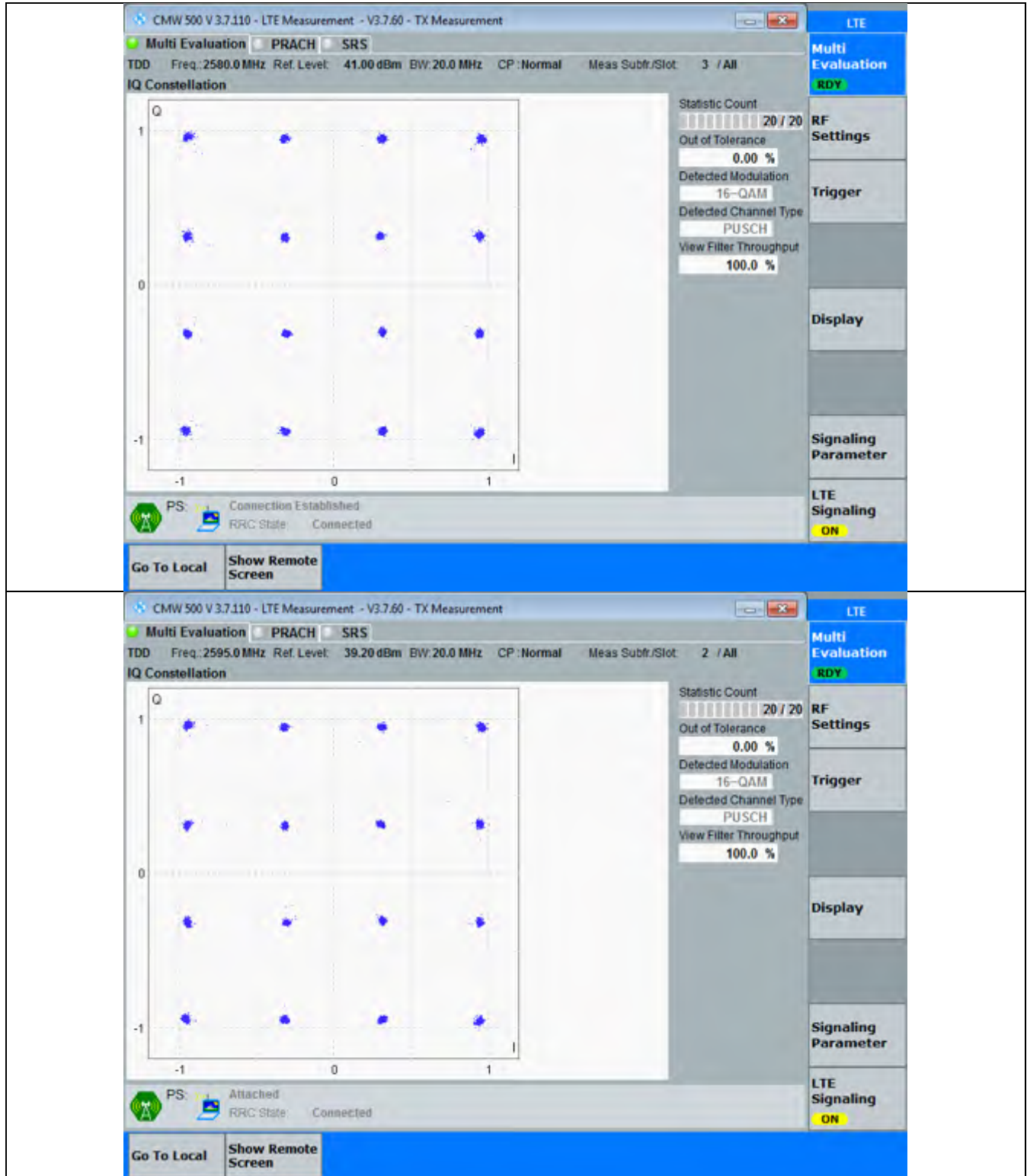


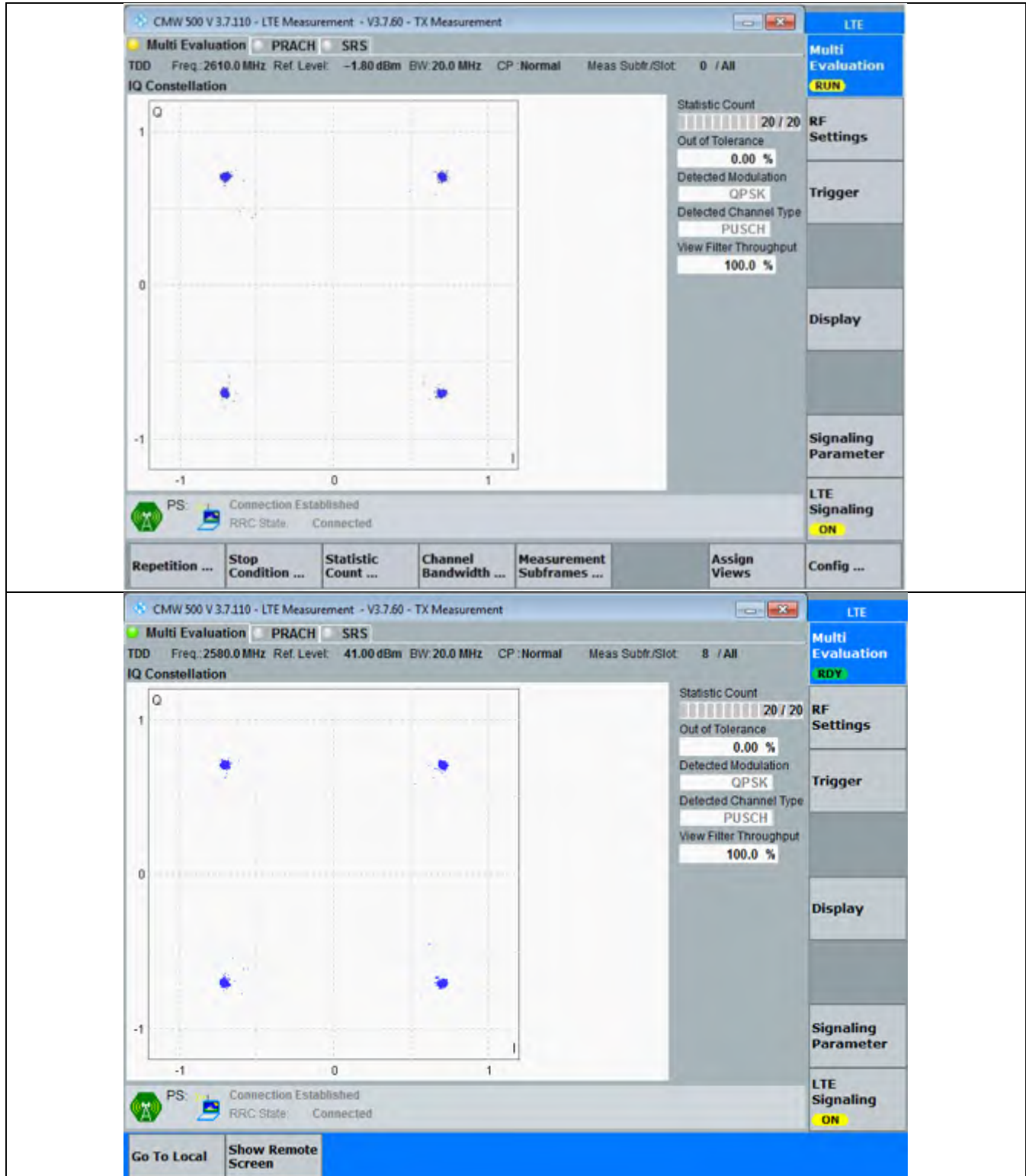


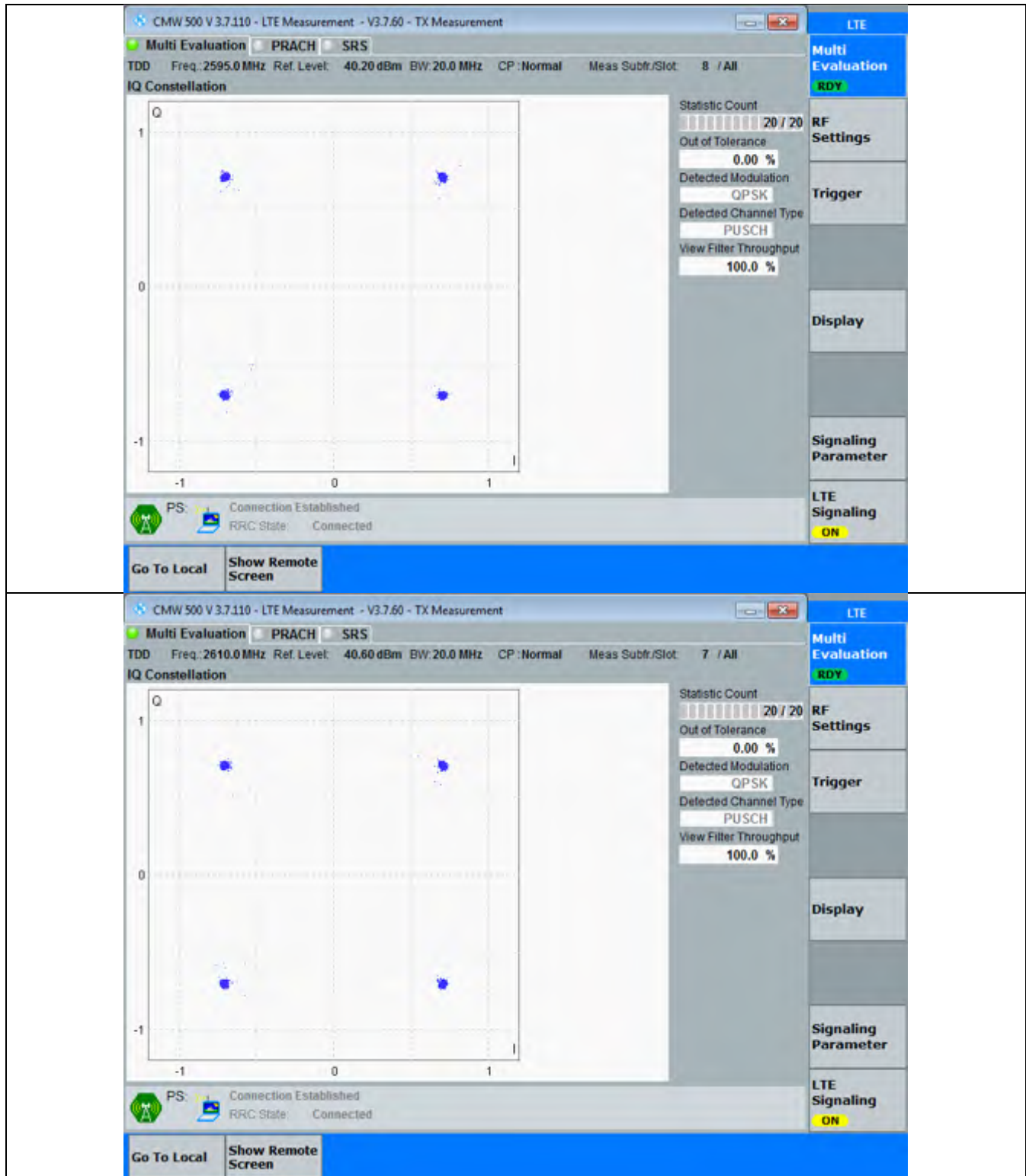




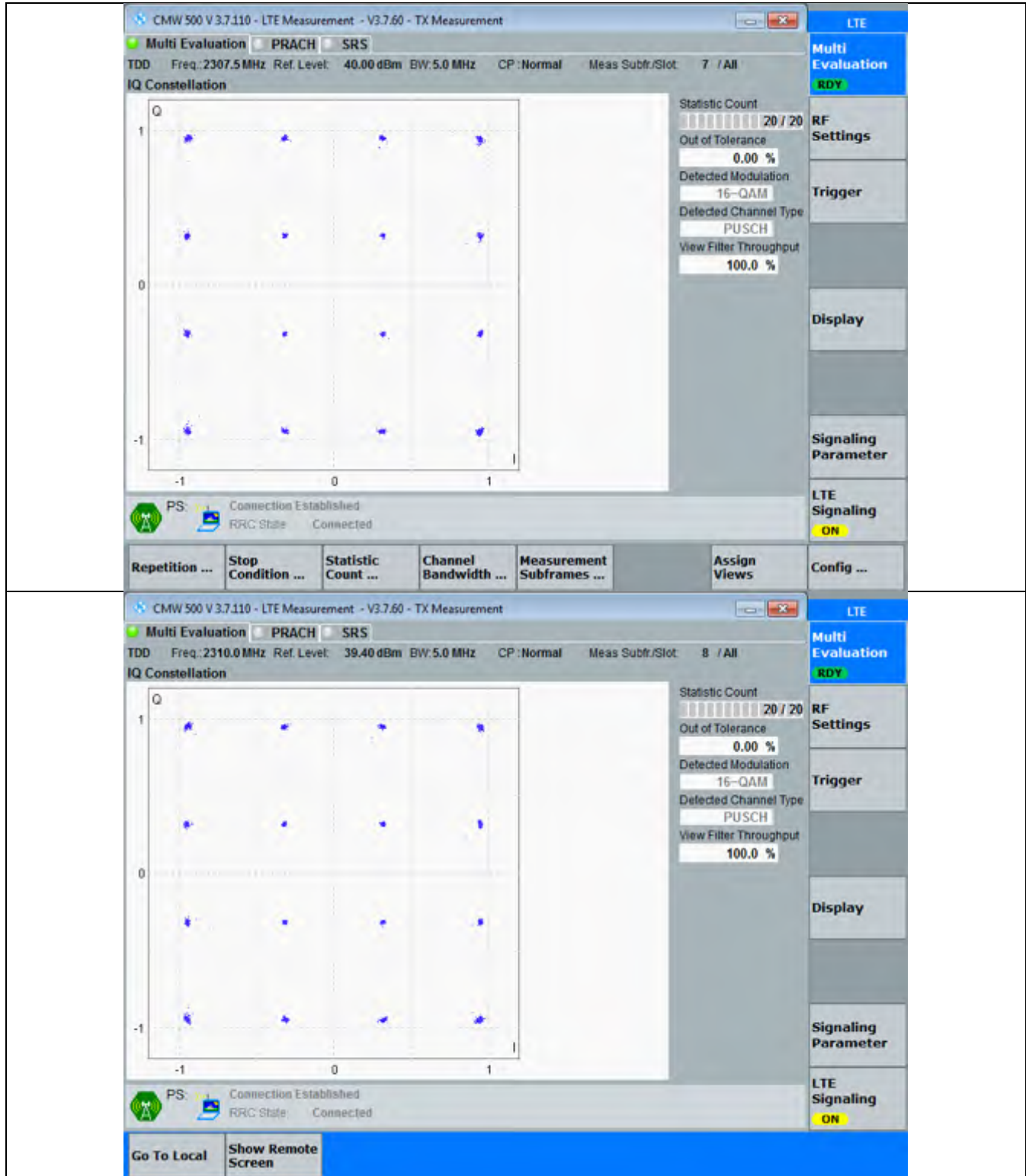


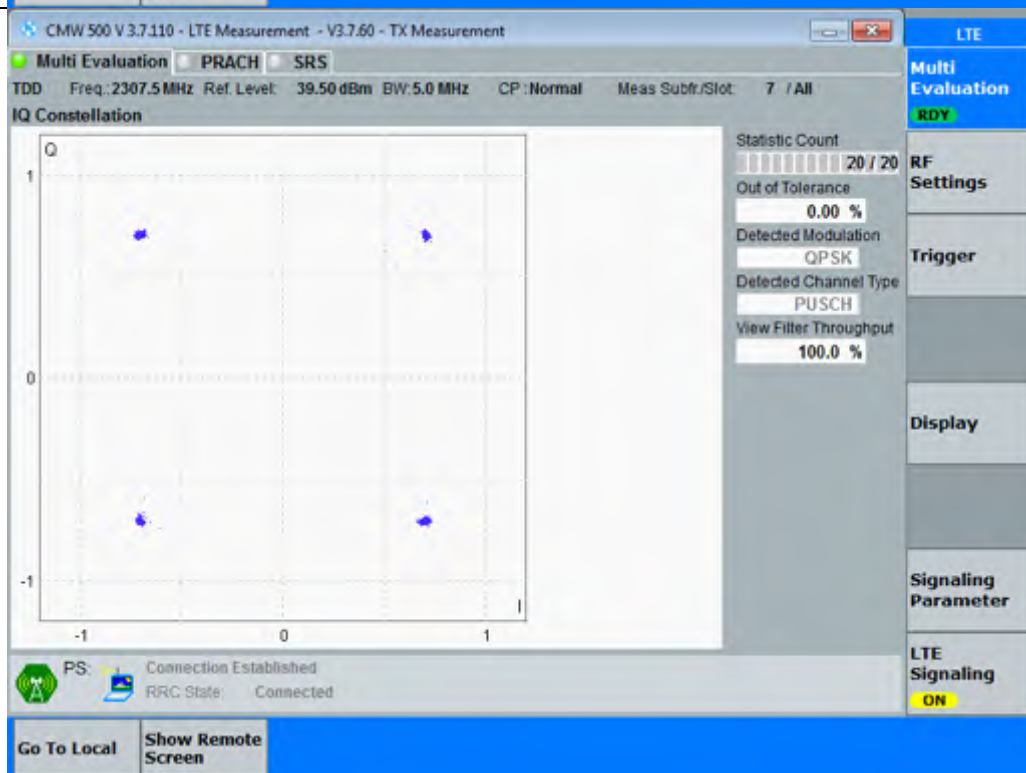
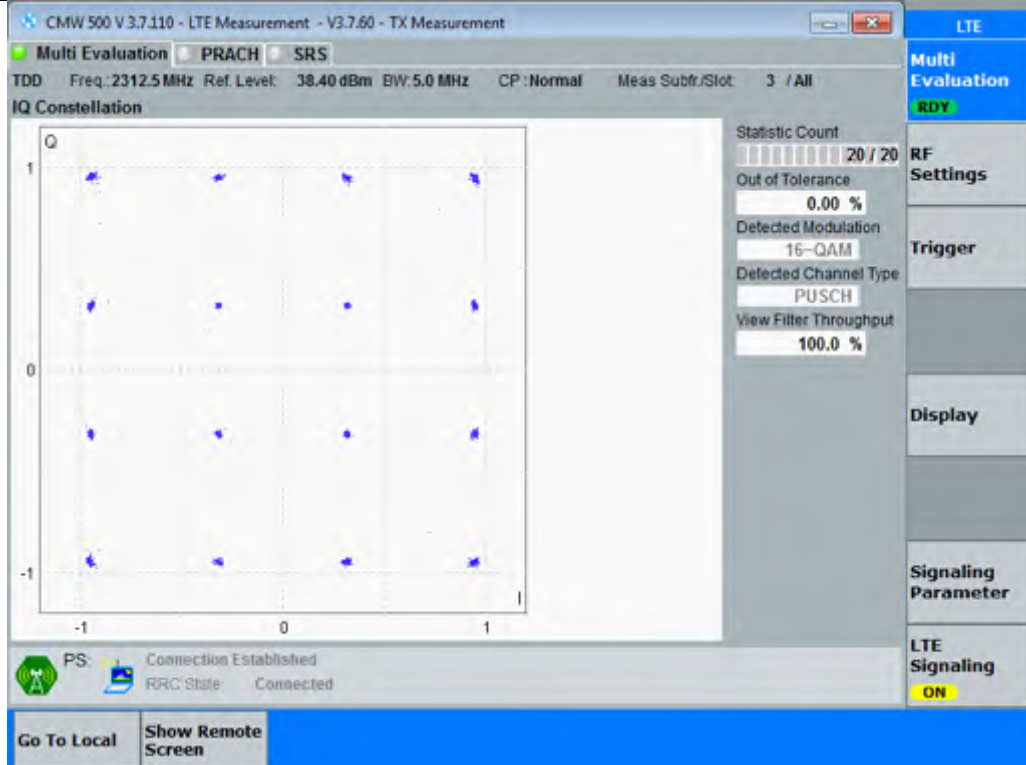


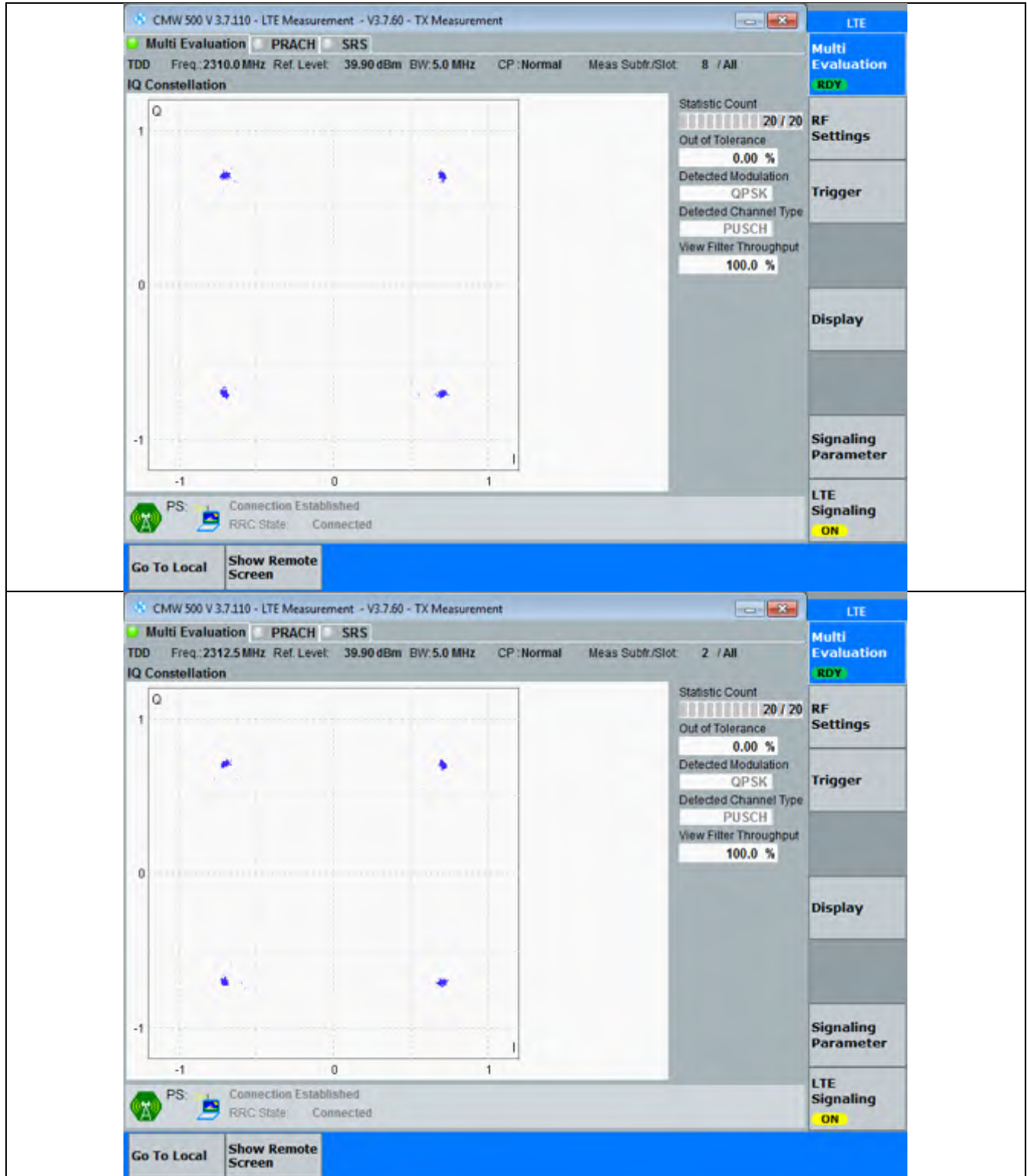


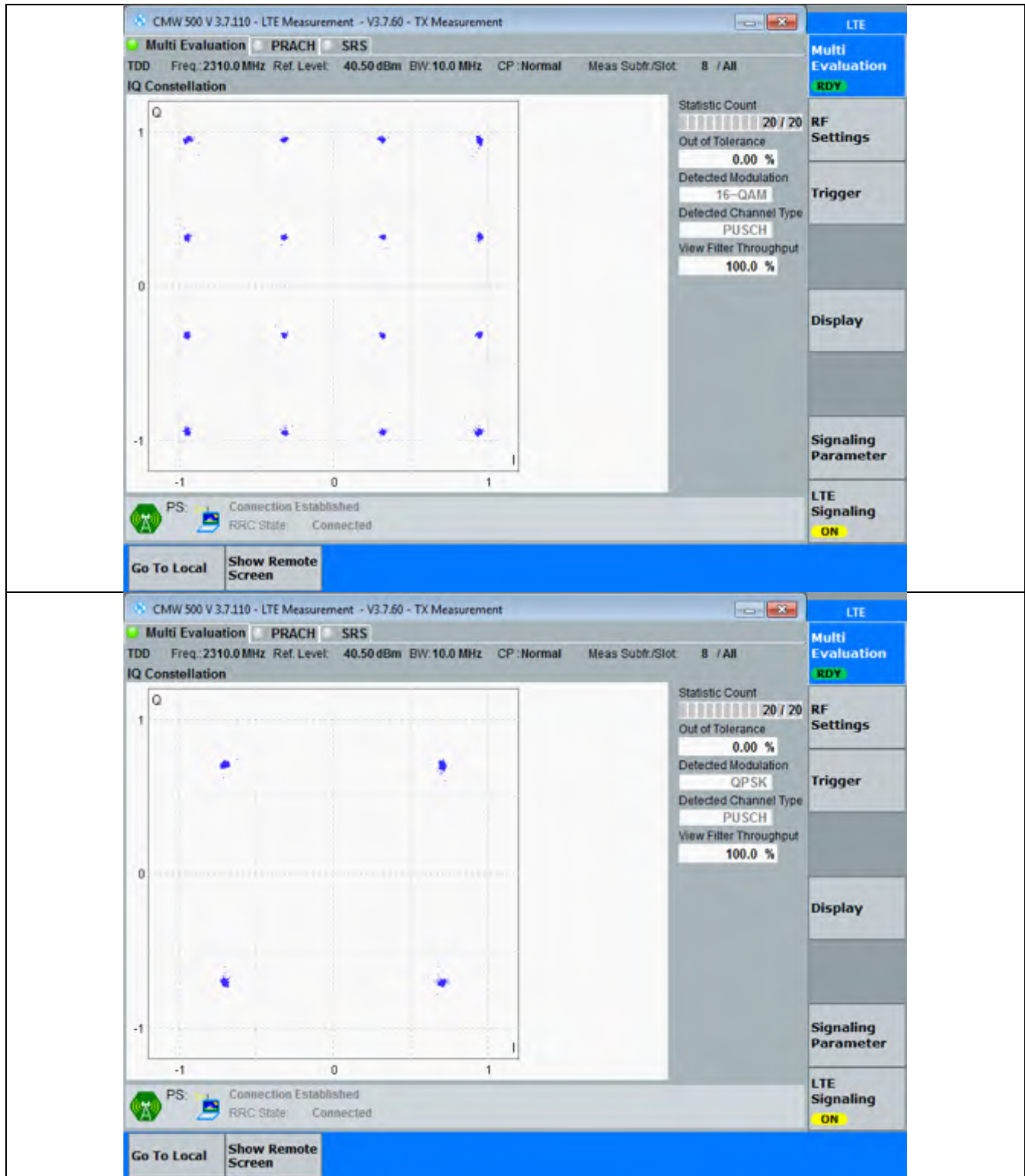


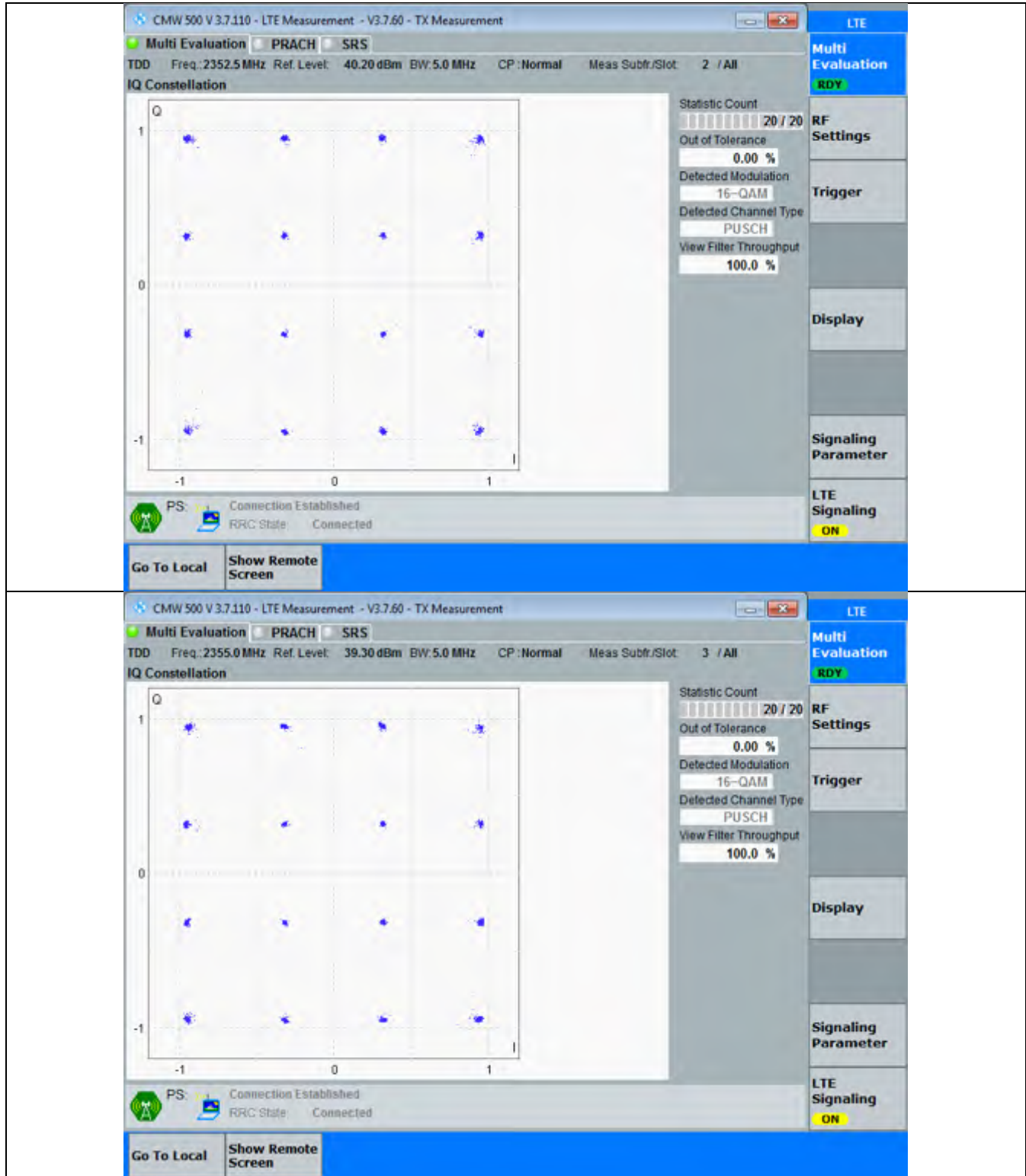
Band 40a

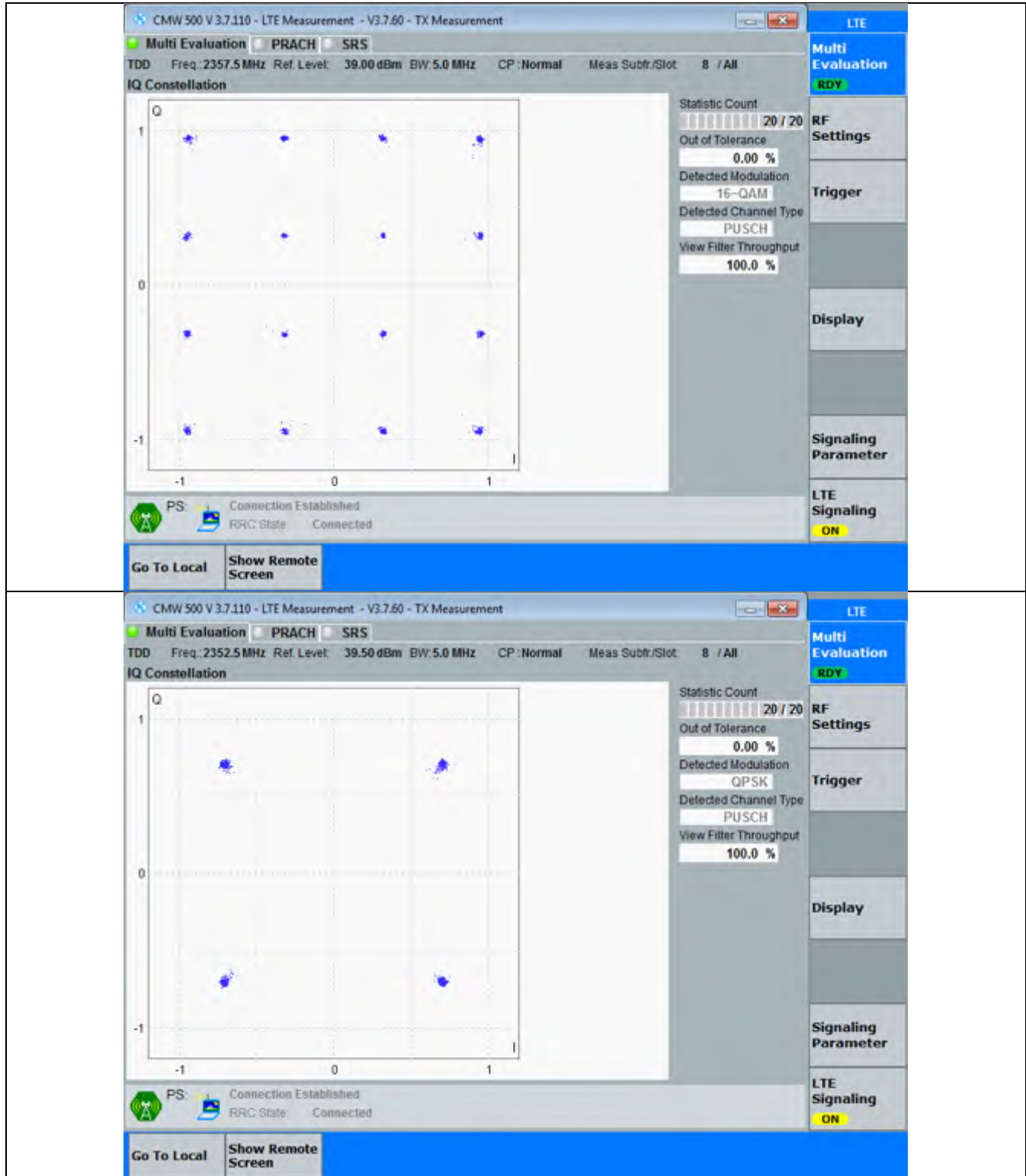


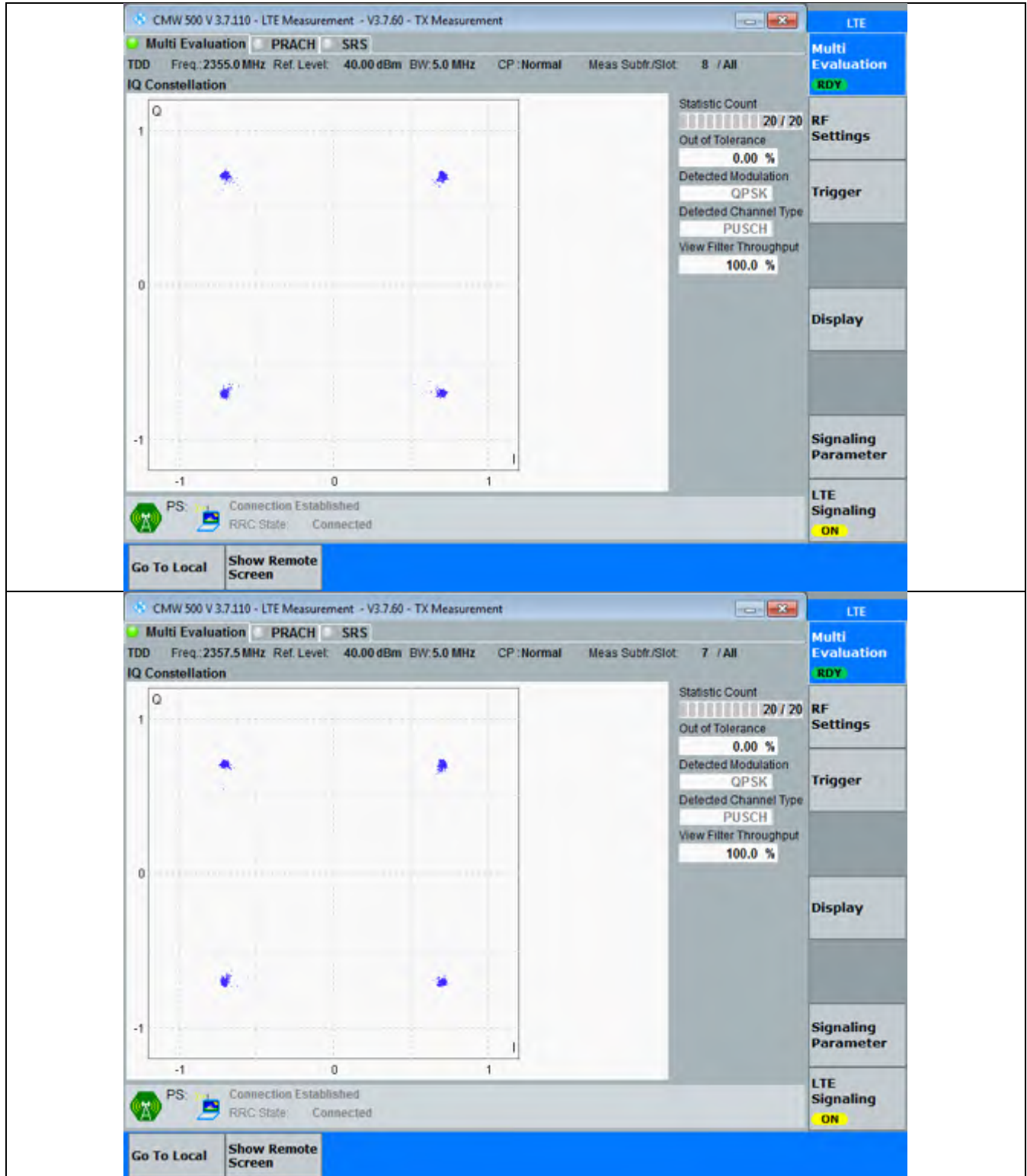


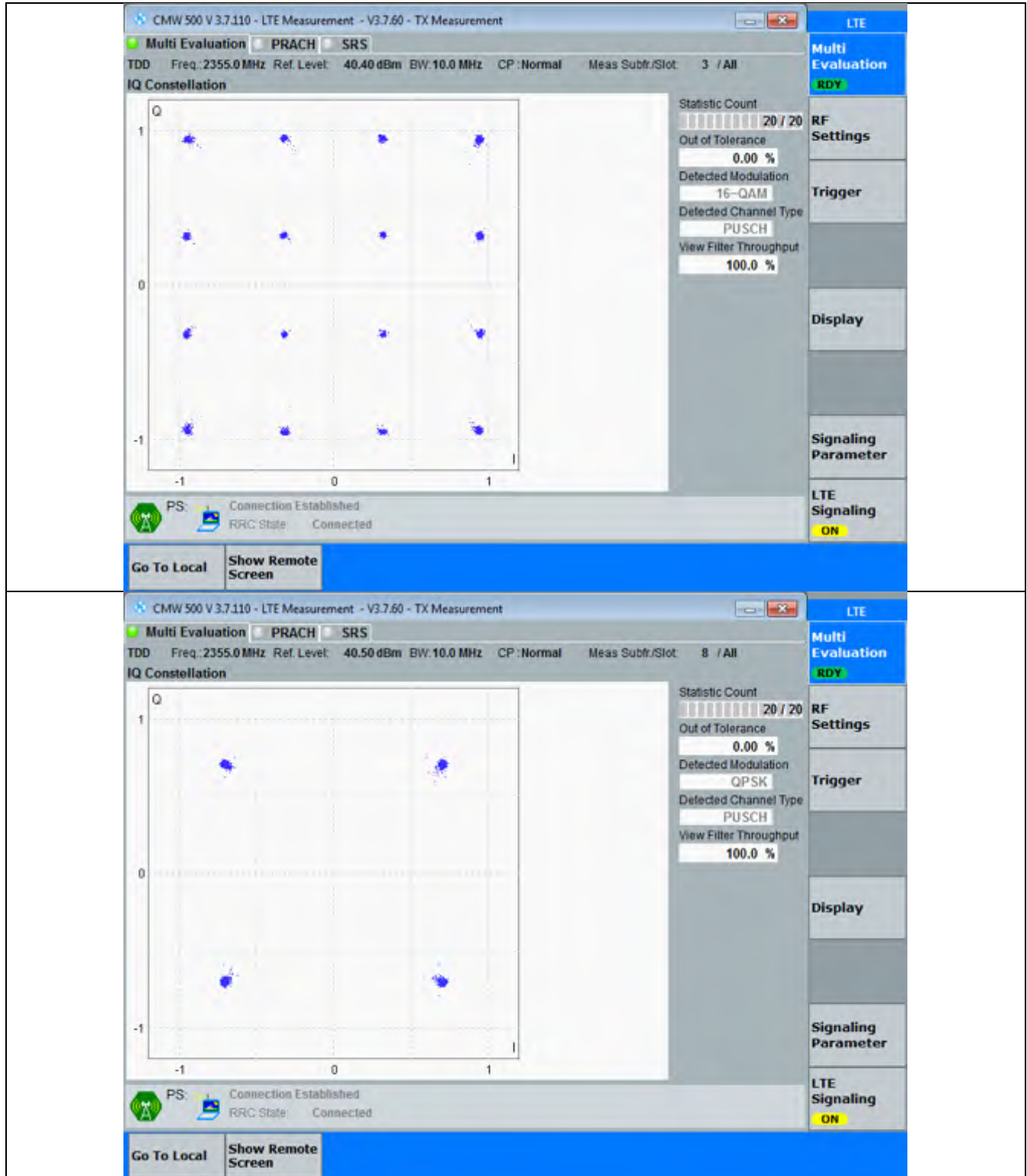


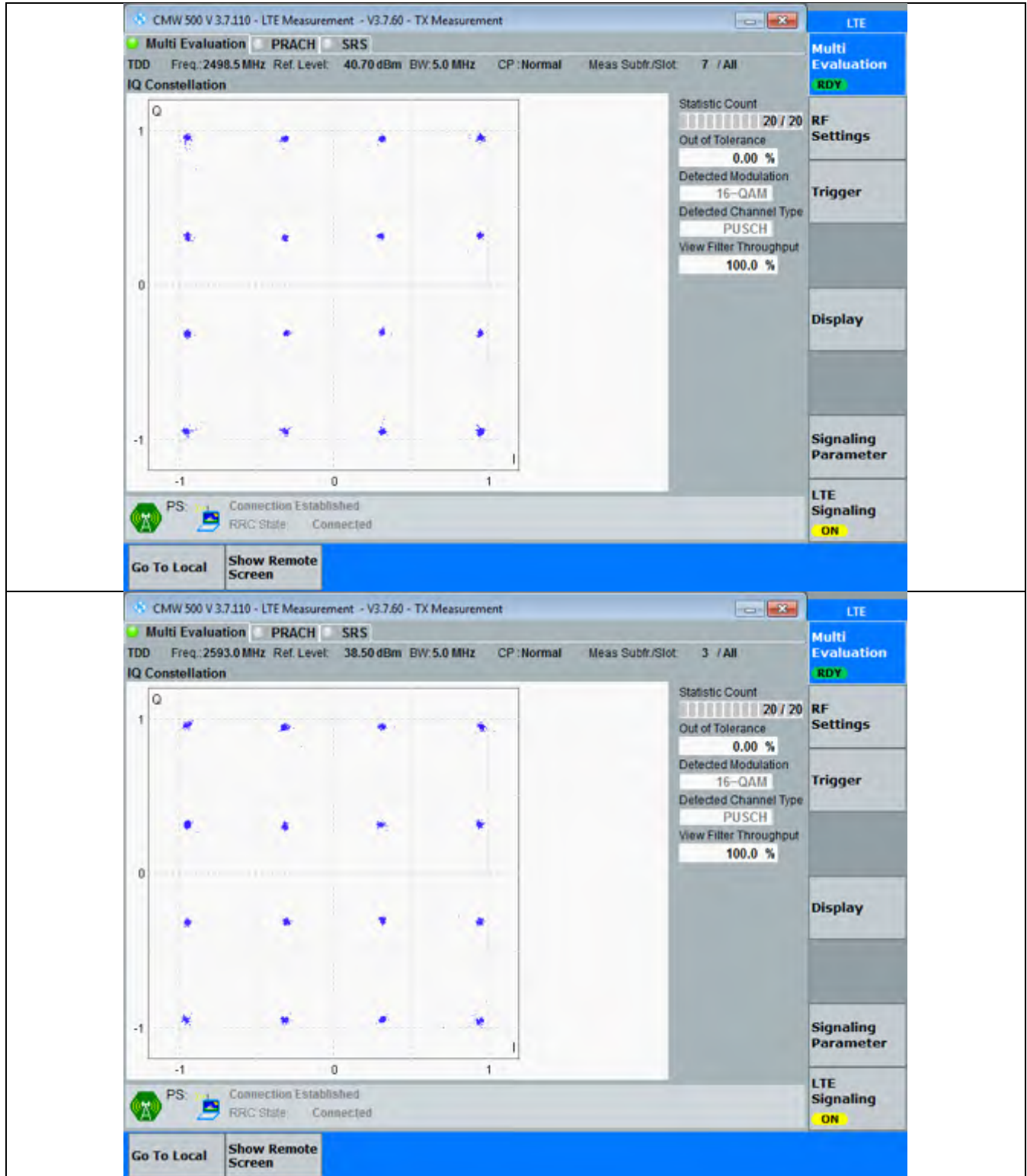


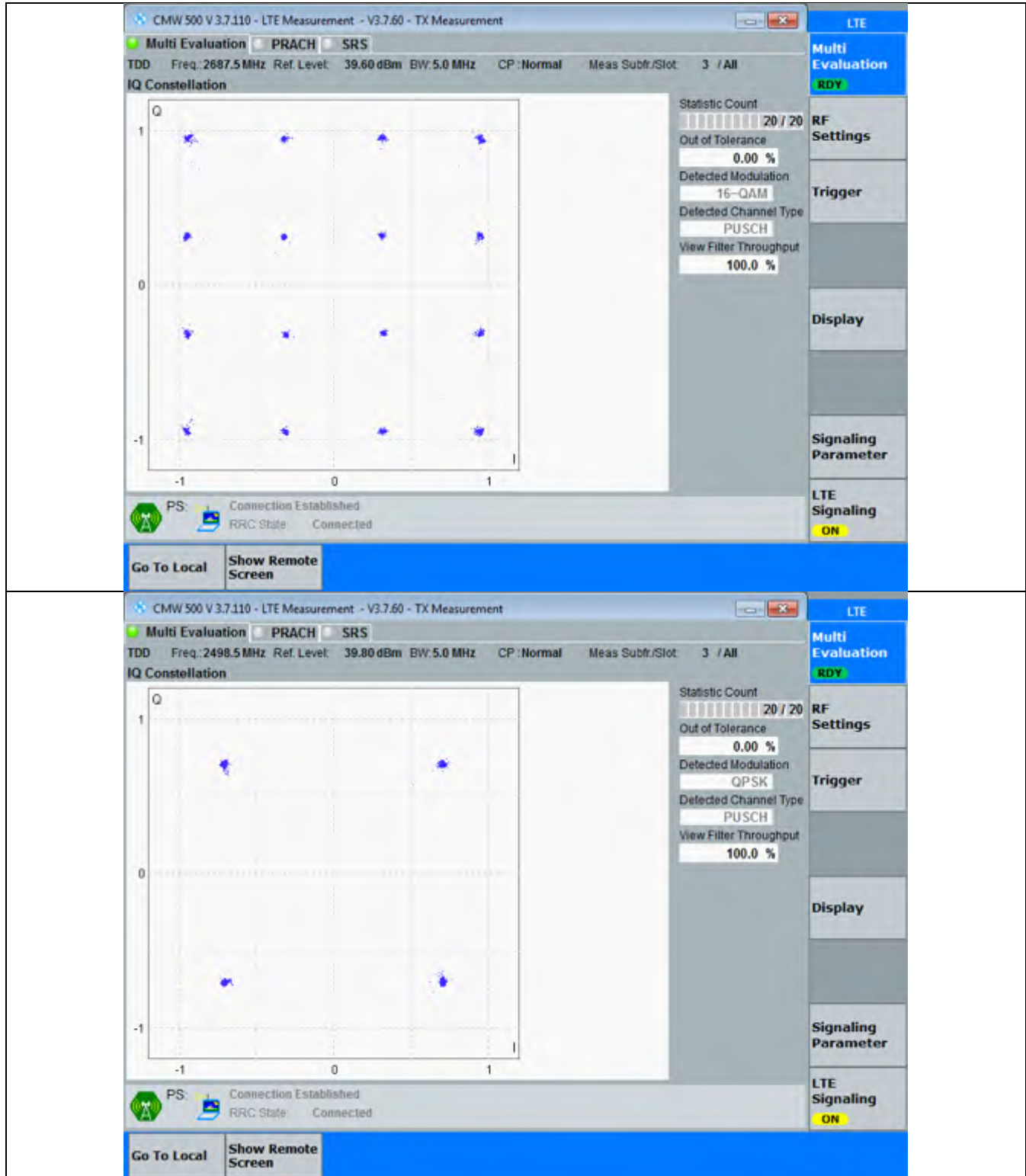


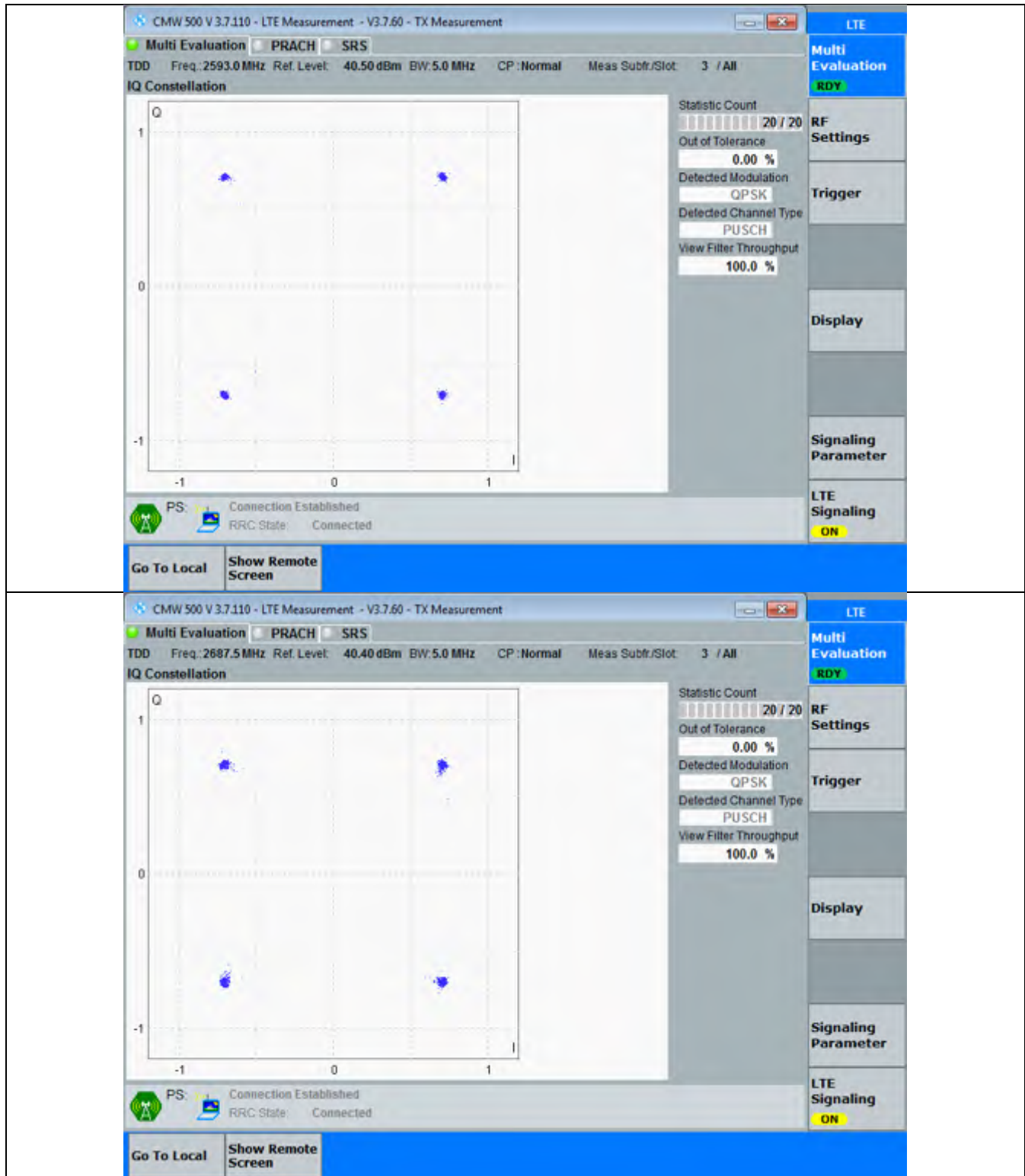


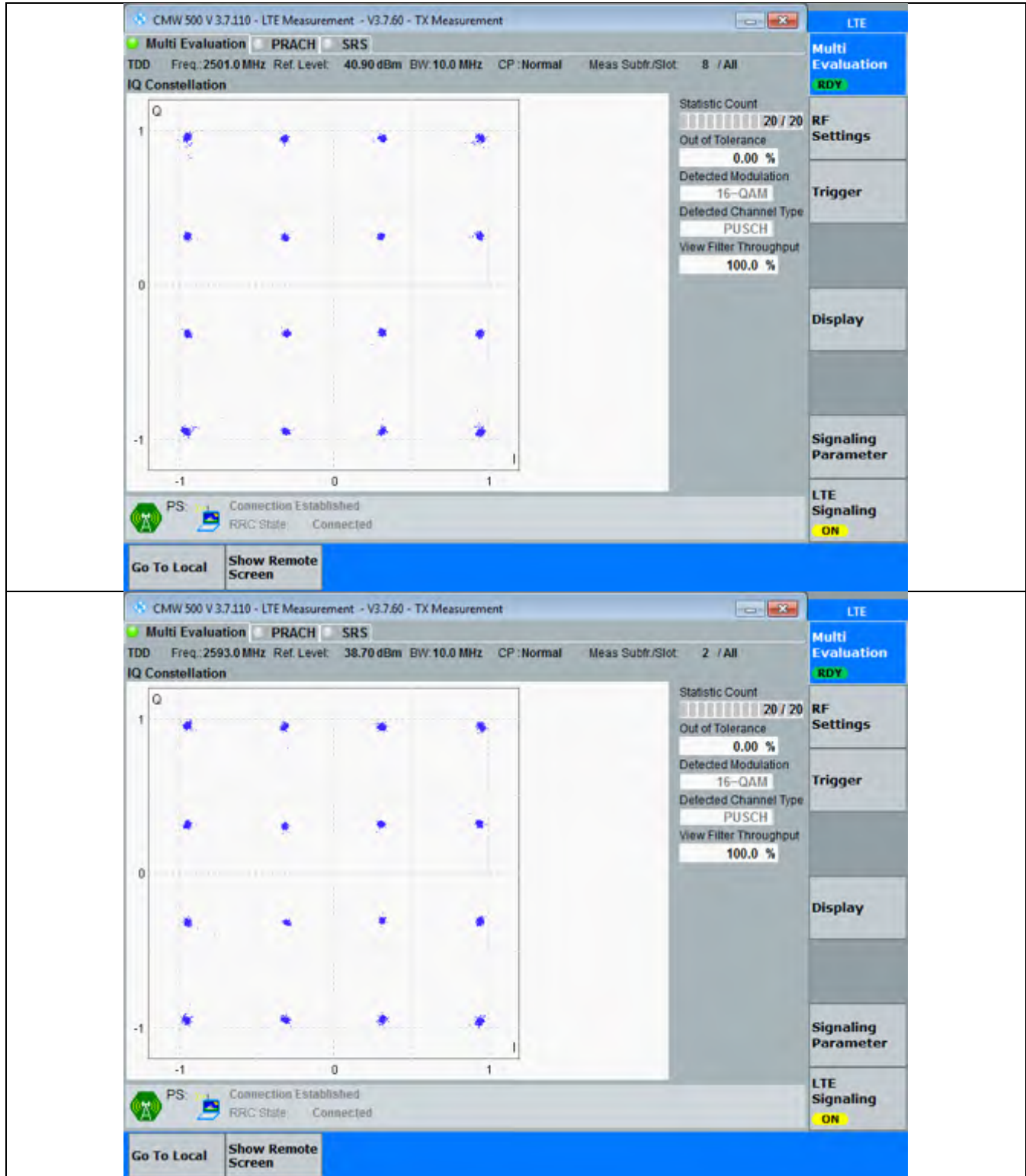


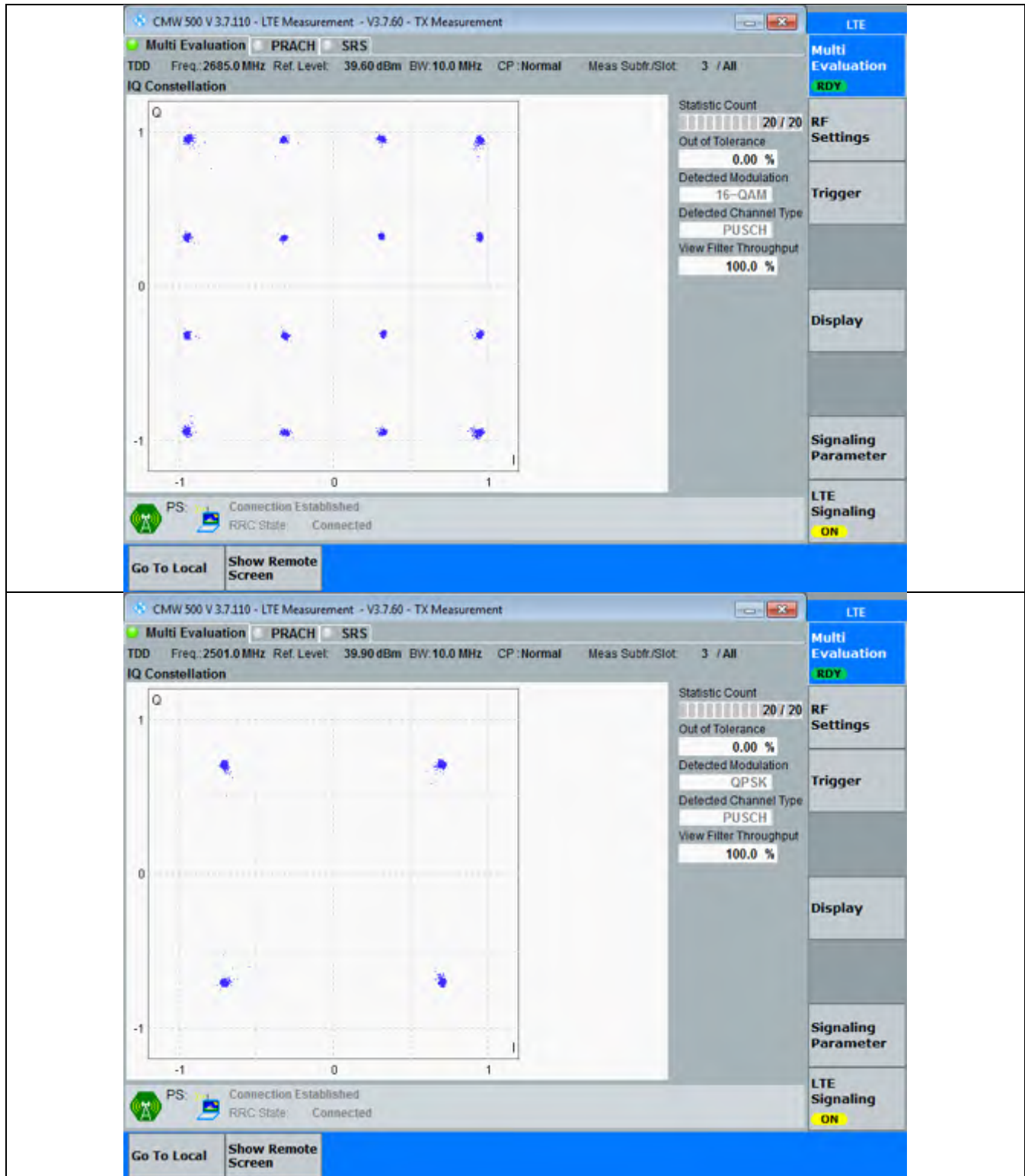


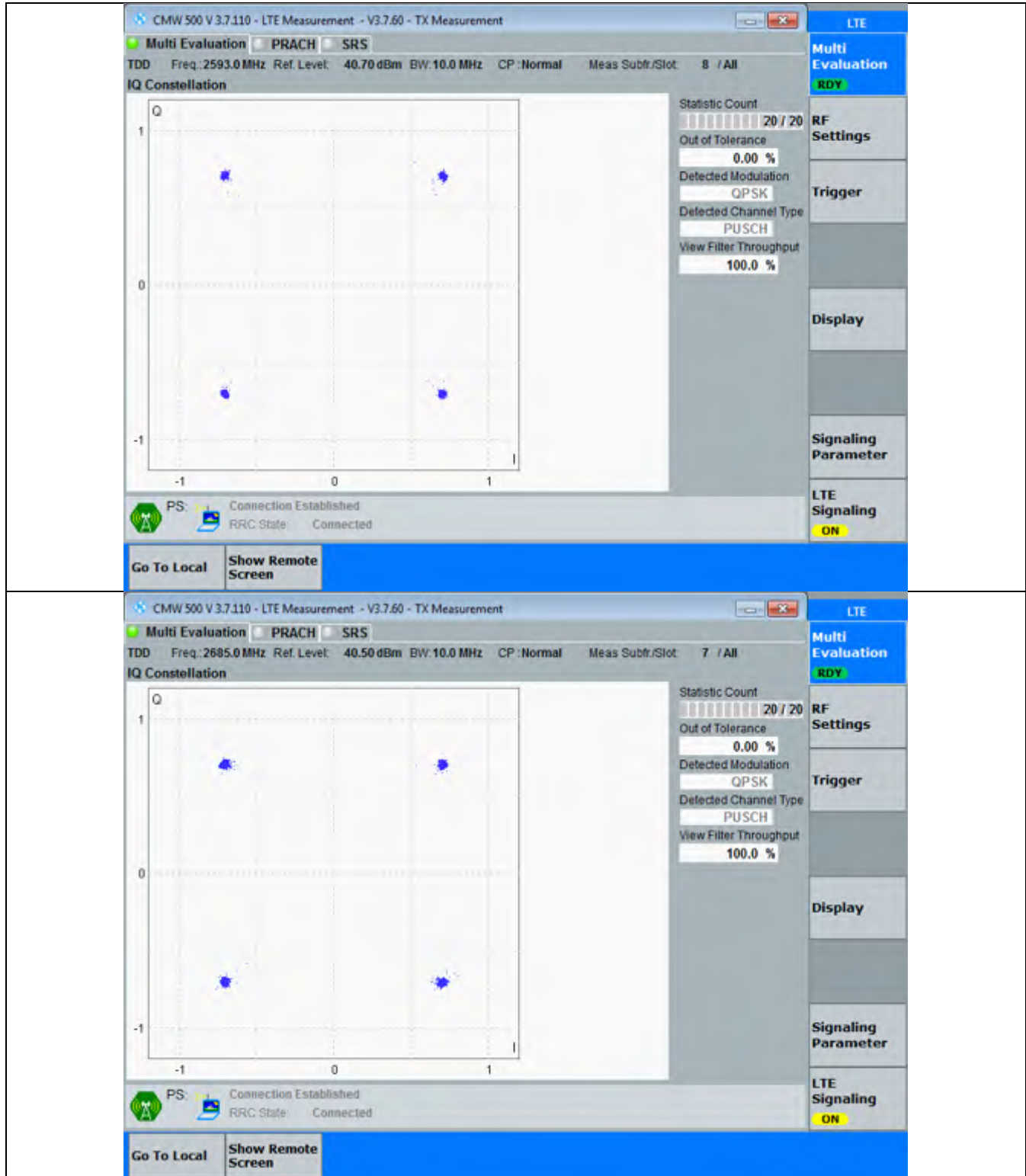


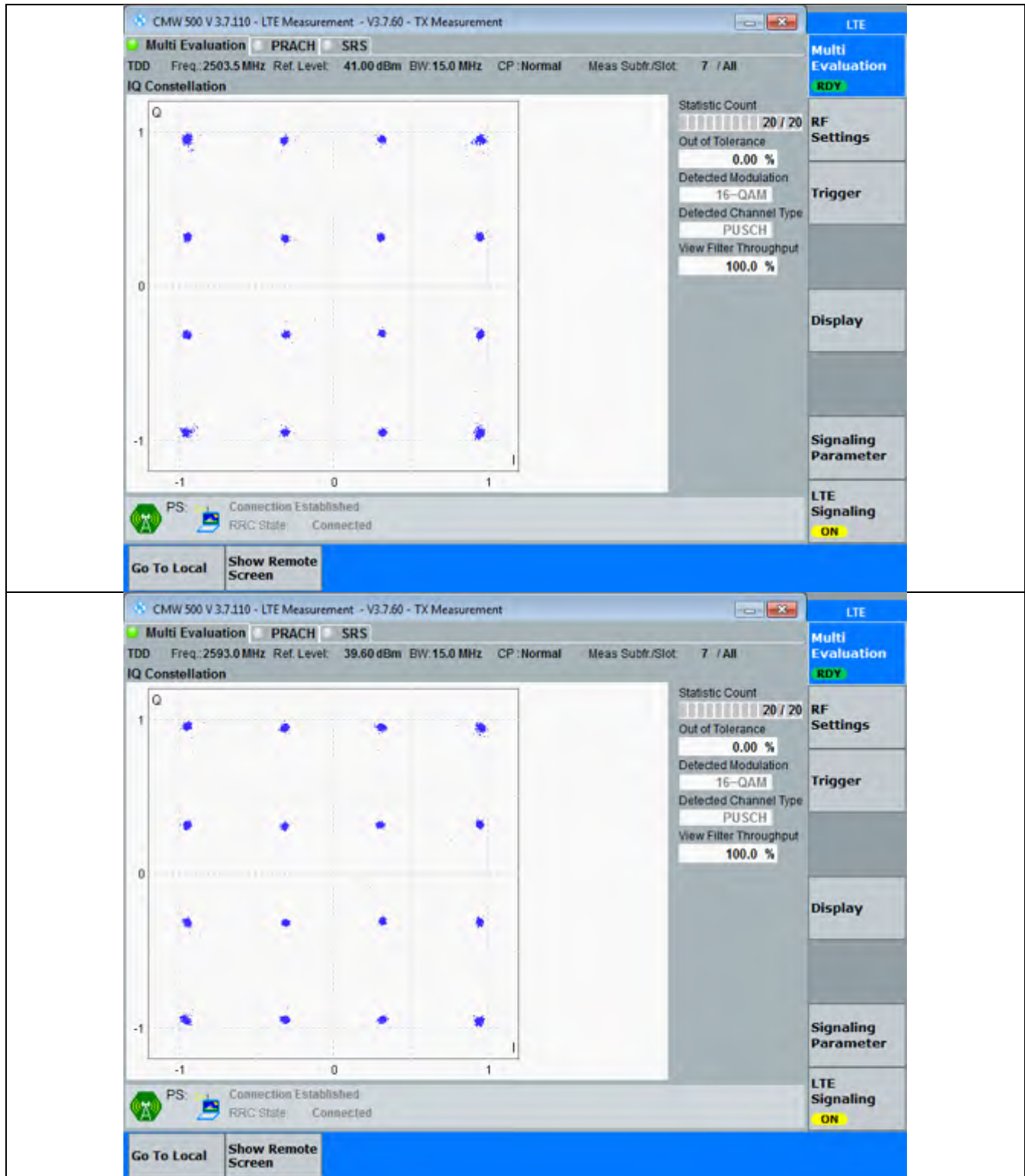


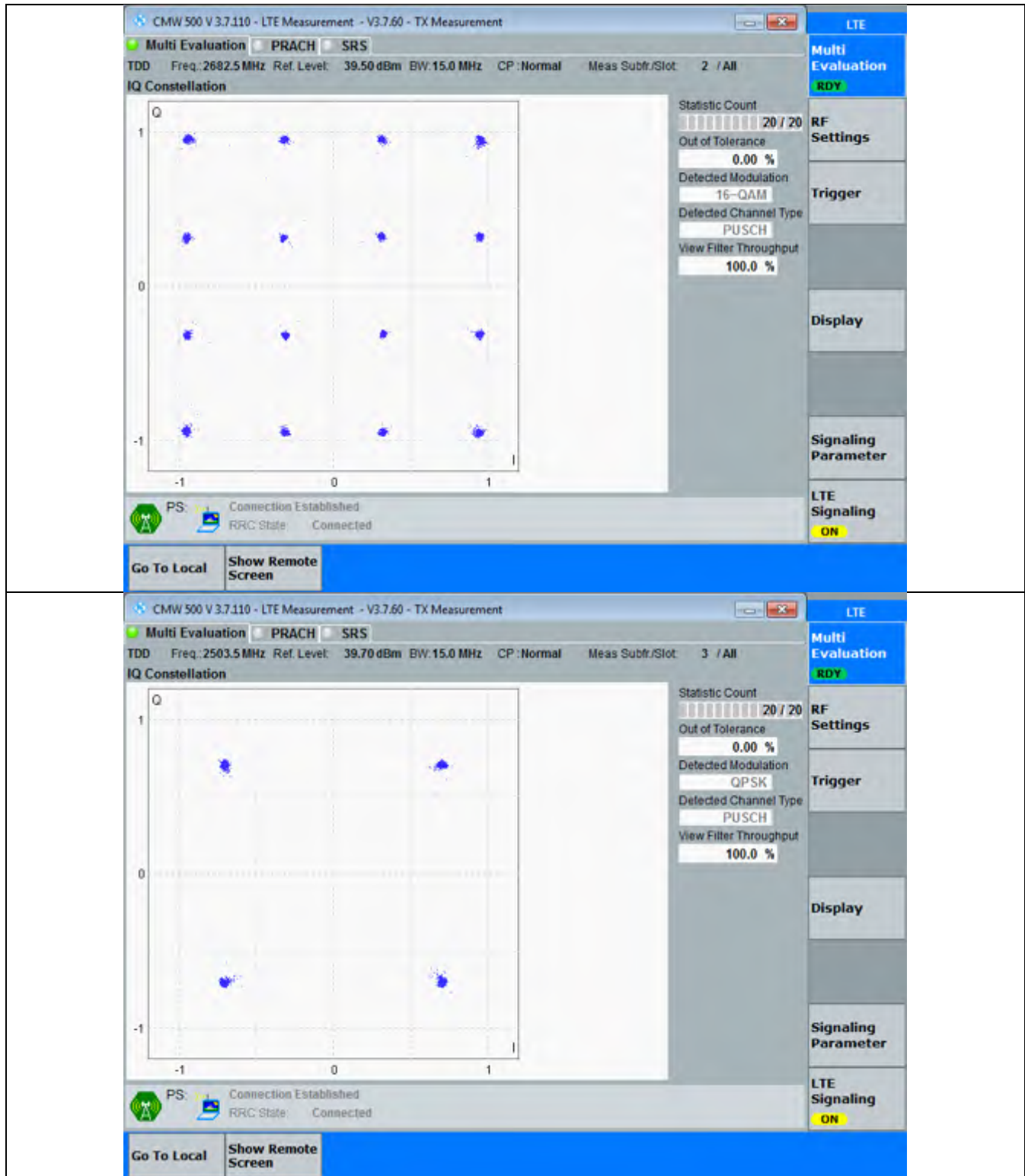


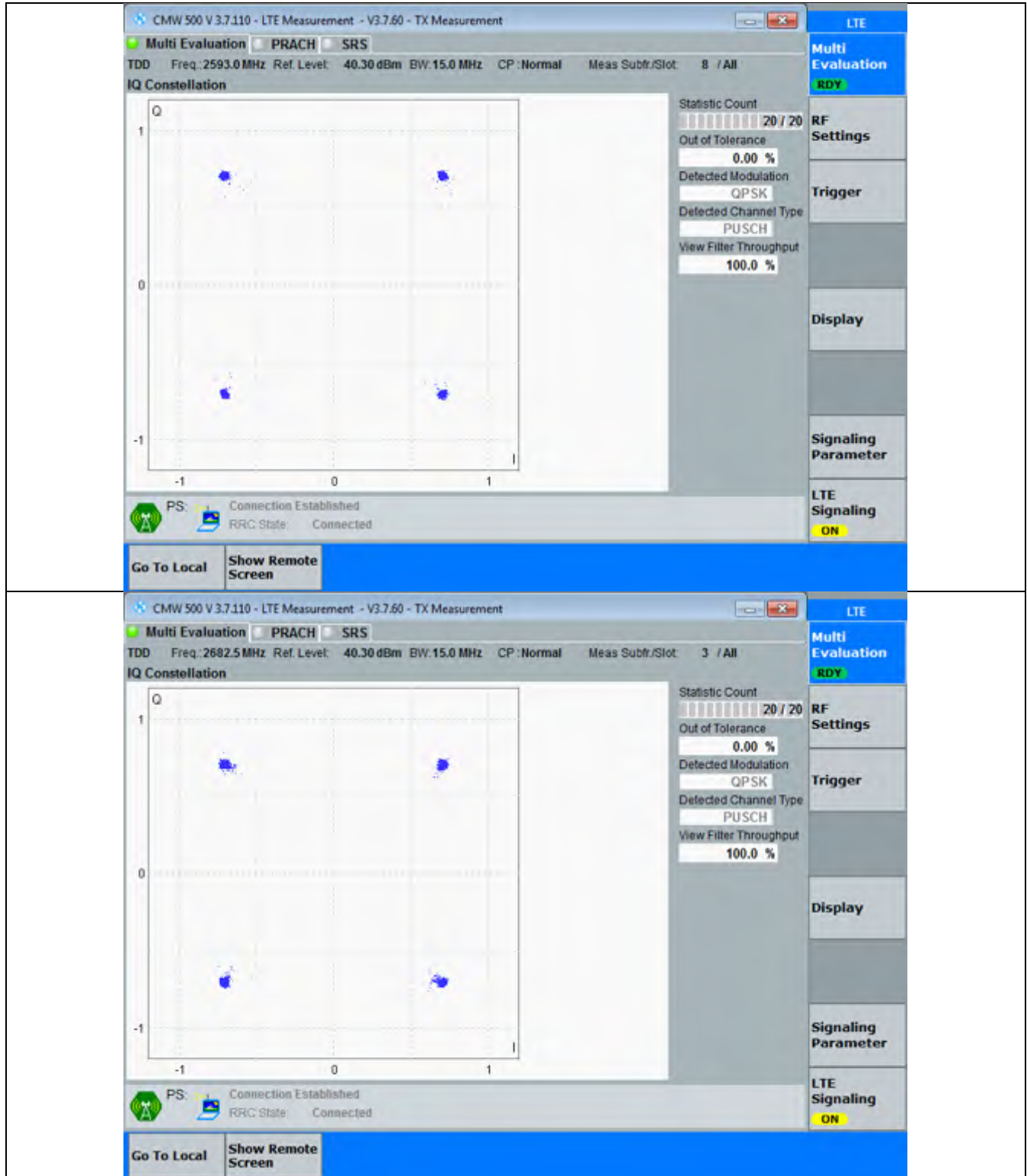


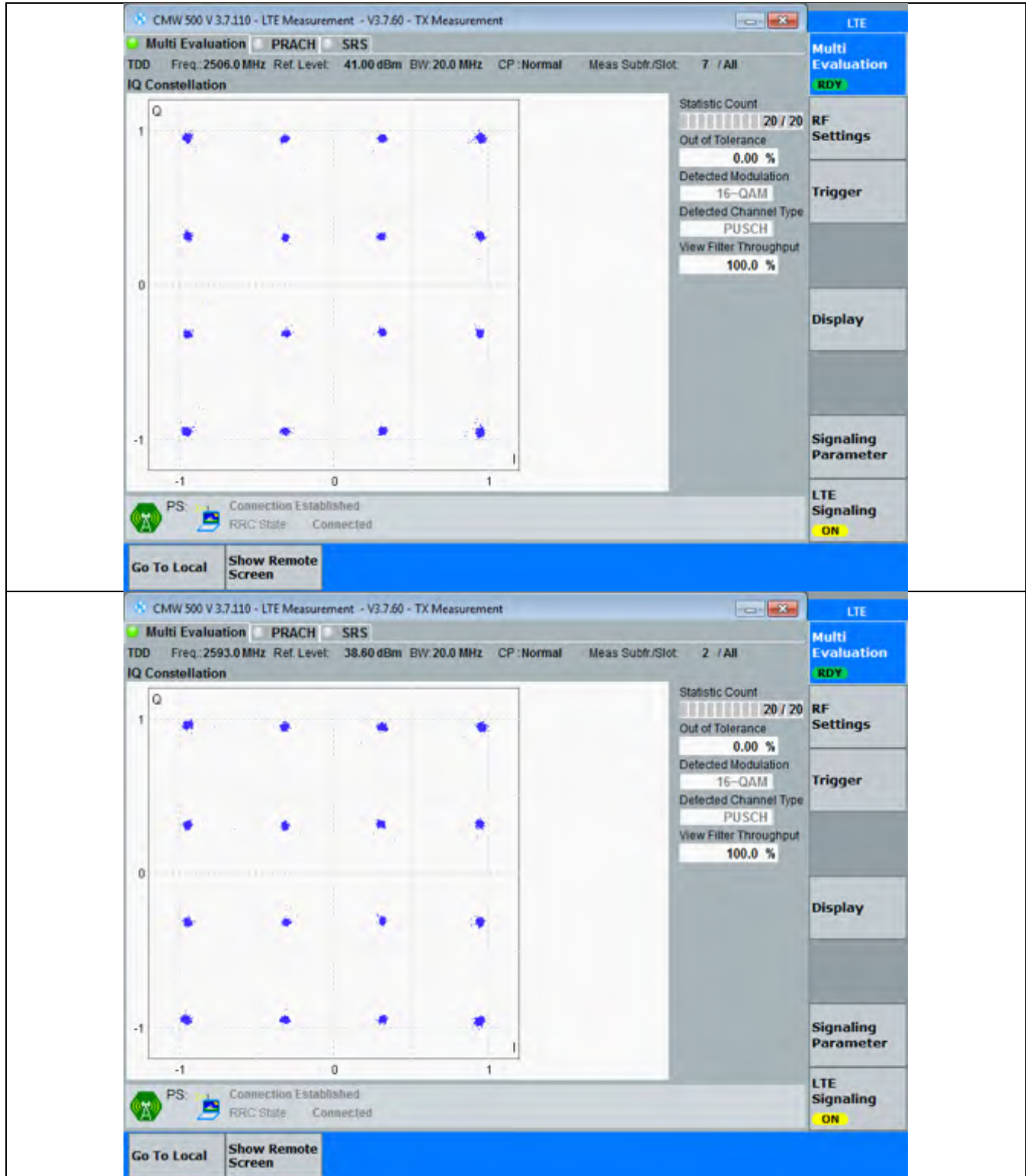


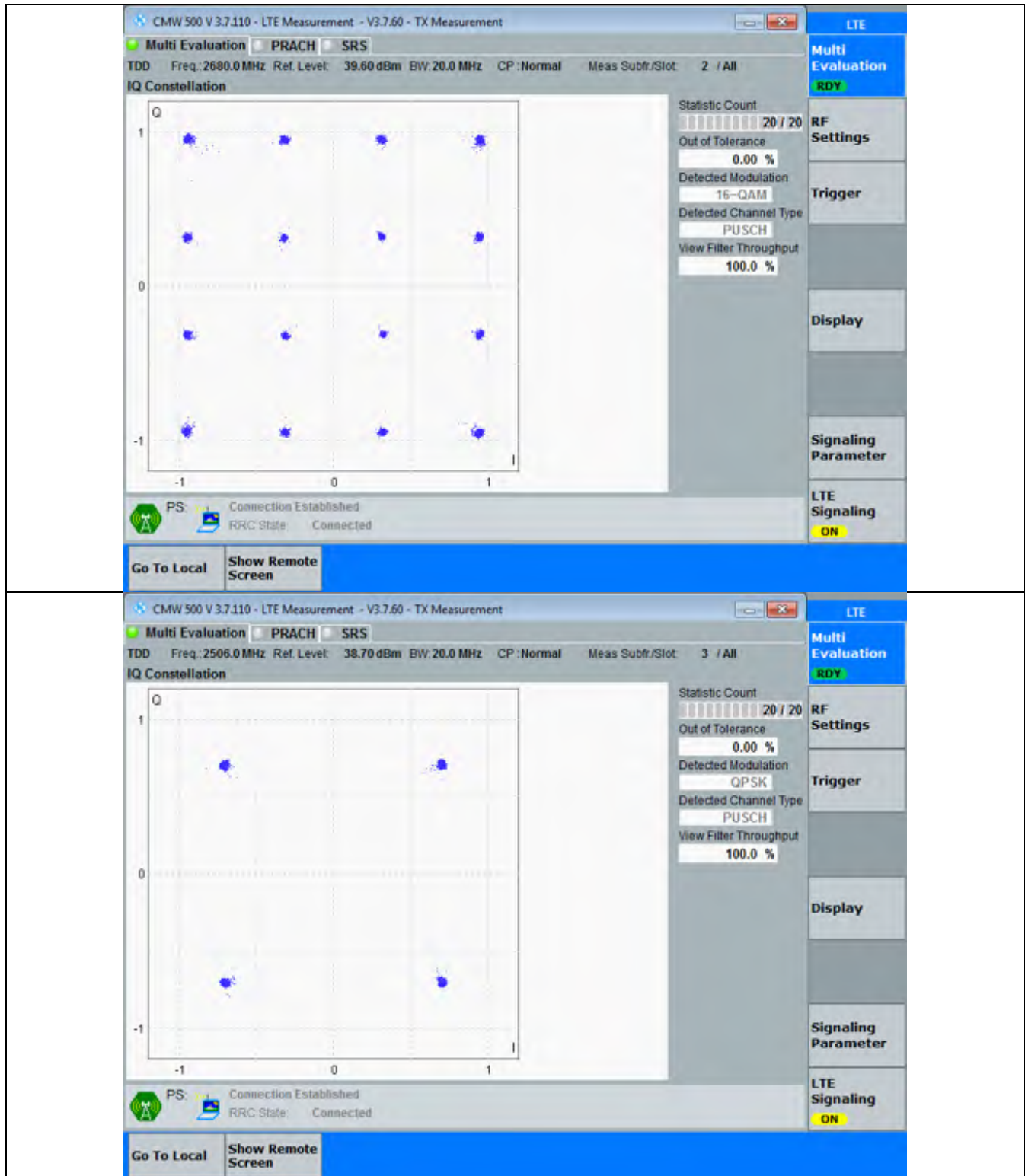


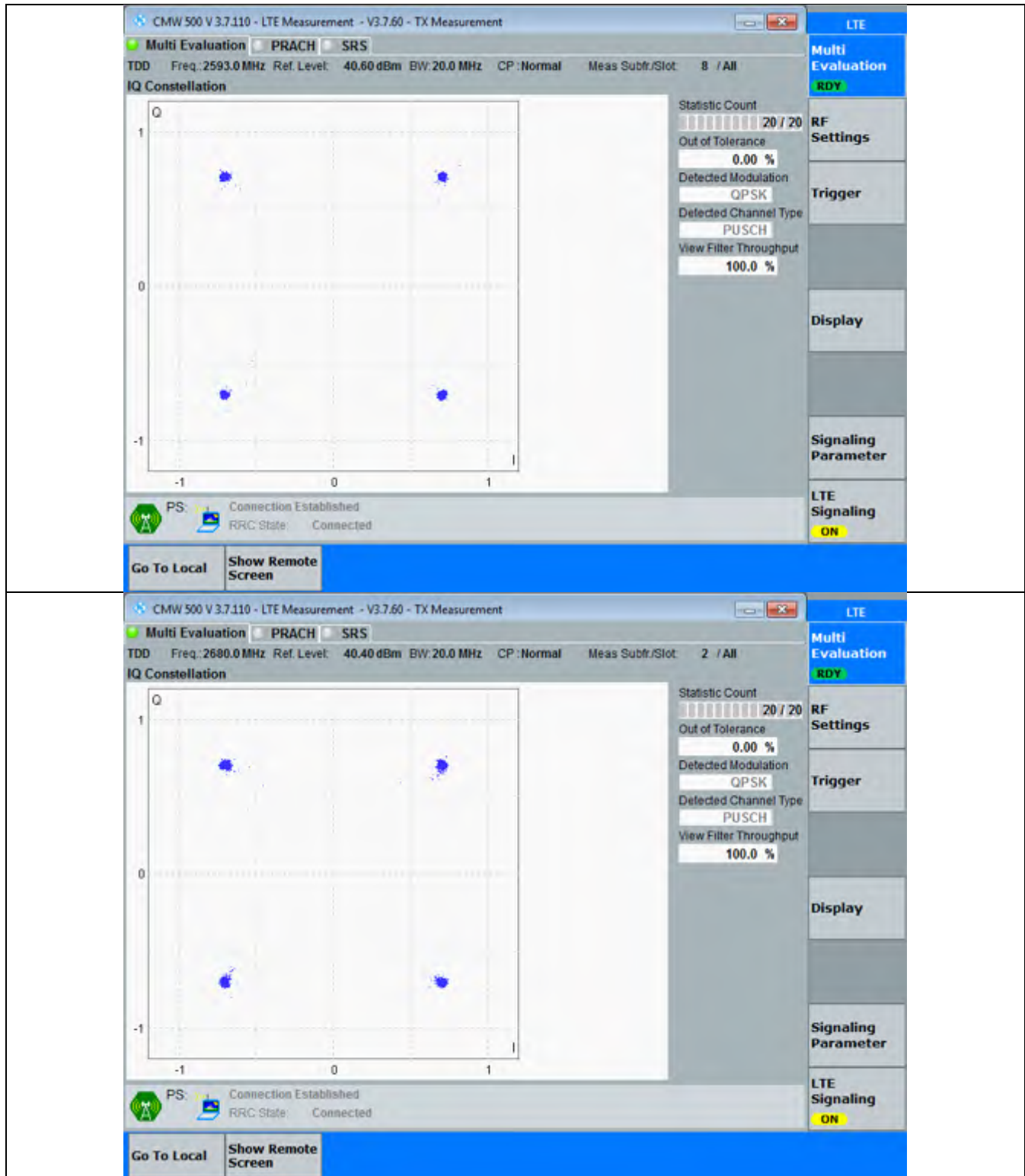












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