

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	12.15	0.006463	Within authorized band for Band 2	Pass
	3.91	7.57	0.004027		
	4.50	-8.43	-0.004484		
16QAM					
25	3.45	6.98	0.003713	Within authorized band for Band 2	Pass
	3.91	-7.05	-0.003750		
	4.50	-11.89	-0.006324		
64QAM					
25	3.45	3.95	0.002101	Within authorized band for Band 2	Pass
	3.91	-8.04	-0.004277		
	4.50	6.41	0.003410		
<i>Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.</i>					

LTE Band 5 part:

Reference Frequency: LTE Band 5(10MHz) Middle channel=20525 Frequency=836.5MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.91	-30	-5.84	-0.006981	±2.5	Pass
	-20	-6.54	-0.007818		
	-10	-3.79	-0.004531		
	0	-6.41	-0.007663		
	10	-3.98	-0.004758		
	20	-6.32	-0.007555		
	30	-6.58	-0.007866		
	40	-6.39	-0.007639		
	50	-5.66	-0.006766		
16QAM					
3.91	-30	-5.95	-0.007113	±2.5	Pass
	-20	-4.61	-0.005511		
	-10	-8.57	-0.010245		
	0	-6.78	-0.008105		
	10	-5.99	-0.007161		
	20	-5.31	-0.006348		
	30	-5.24	-0.006264		
	40	-7.55	-0.009026		
	50	-6.49	-0.007759		
64QAM					
3.91	-30	-4.71	-0.005631	±2.5	Pass
	-20	-7.37	-0.008811		
	-10	-6.35	-0.007591		
	0	-6.12	-0.007316		
	10	-5.64	-0.006742		
	20	-5.42	-0.006479		
	30	-8.58	-0.010257		
	40	-8.41	-0.010054		
	50	-3.43	-0.004100		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-2.39	-0.002857	±2.5	Pass
	3.91	-5.76	-0.006886		
	4.50	-6.72	-0.008033		
16QAM					
25	3.45	-7.34	-0.008775	±2.5	Pass
	3.91	-8.14	-0.009731		
	4.50	-5.61	-0.006707		
64QAM					
25	3.45	-6.57	-0.007854	±2.5	Pass
	3.91	-5.68	-0.006790		
	4.50	-7.12	-0.008512		
<i>Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.</i>					

LTE Band 7 part:

Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 Frequency=2535.0MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.91	-30	-13.88	-0.005475	Within authorized band for Band 7	Pass
	-20	-9.50	-0.003748		
	-10	7.40	0.002919		
	0	-10.17	-0.004012		
	10	-10.09	-0.003980		
	20	4.12	0.001625		
	30	-12.13	-0.004785		
	40	-13.56	-0.005349		
	50	-7.78	-0.003069		
16QAM					
3.91	-30	-7.00	-0.002761	Within authorized band for Band 7	Pass
	-20	8.23	0.003247		
	-10	-11.34	-0.004473		
	0	-12.43	-0.004903		
	10	5.98	0.002359		
	20	-4.95	-0.001953		
	30	-11.90	-0.004694		
	40	-6.81	-0.002686		
	50	-14.26	-0.005625		
64QAM					
3.91	-30	-9.98	-0.003937	Within authorized band for Band 7	Pass
	-20	-8.73	-0.003444		
	-10	4.15	0.001637		
	0	-11.22	-0.004426		
	10	-4.86	-0.001917		
	20	-5.51	-0.002174		
	30	-7.00	-0.002761		
	40	-5.35	-0.002110		
	50	-15.23	-0.006008		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	13.78	0.005436	Within authorized band for Band 7	Pass
	3.91	-15.61	-0.006158		
	4.50	-12.17	-0.004801		
16QAM					
25	3.45	-10.17	-0.004012	Within authorized band for Band 7	Pass
	3.91	-7.48	-0.002951		
	4.50	-10.24	-0.004039		
64QAM					
25	3.45	-8.13	-0.003207	Within authorized band for Band 7	Pass
	3.91	5.46	0.002154		
	4.50	-11.06	-0.004363		
<i>Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.</i>					

LTE Band 12 part:

Reference Frequency: LTE Band 12(10MHz) Middle channel=23095 Frequency=707.5MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.91	-30	-5.46	-0.007717	Within authorized band for Band 12	Pass
	-20	-6.18	-0.008735		
	-10	-3.99	-0.005640		
	0	-4.19	-0.005922		
	10	-5.66	-0.008000		
	20	-2.47	-0.003491		
	30	-5.16	-0.007293		
	40	-4.98	-0.007039		
	50	-4.89	-0.006912		
16QAM					
3.91	-30	-5.18	-0.007322	Within authorized band for Band 12	Pass
	-20	-2.72	-0.003845		
	-10	2.65	0.003746		
	0	-4.58	-0.006473		
	10	-3.72	-0.005258		
	20	-3.43	-0.004848		
	30	-3.56	-0.005032		
	40	-5.84	-0.008254		
	50	-2.42	-0.003420		
64QAM					
3.91	-30	-3.22	-0.004551	Within authorized band for Band 12	Pass
	-20	-5.31	-0.007505		
	-10	-5.92	-0.008367		
	0	-6.95	-0.009823		
	10	-3.95	-0.005583		
	20	-1.63	-0.002304		
	30	-5.32	-0.007519		
	40	-4.79	-0.006770		
	50	-6.04	-0.008537		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	4.32	0.006106	Within authorized band for Band 12	Pass
	3.91	-5.62	-0.007943		
	4.50	-6.22	-0.008792		
16QAM					
25	3.45	-5.52	-0.007802	Within authorized band for Band 12	Pass
	3.91	-2.09	-0.002954		
	4.50	-4.58	-0.006473		
64QAM					
25	3.45	-3.58	-0.005060	Within authorized band for Band 12	Pass
	3.91	-5.87	-0.008297		
	4.50	-4.45	-0.006290		
<i>Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.</i>					

LTE Band 40 part:

Reference Frequency: LTE Band 40(10MHz) Middle channel=38700 Frequency=2310.0MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.91	-30	-9.48	-0.004104	Within authorized band for Band 40	Pass
	-20	-4.06	-0.001758		
	-10	-7.51	-0.003251		
	0	7.62	0.003299		
	10	-8.75	-0.003788		
	20	-7.30	-0.003160		
	30	8.14	0.003524		
	40	-2.92	-0.001264		
	50	-10.36	-0.004485		
16QAM					
3.91	-30	-7.08	-0.003065	Within authorized band for Band 40	Pass
	-20	-11.10	-0.004805		
	-10	-8.88	-0.003844		
	0	10.34	0.004476		
	10	-11.19	-0.004844		
	20	6.92	0.002996		
	30	-9.47	-0.004100		
	40	6.14	0.002658		
	50	-5.71	-0.002472		
64QAM					
3.91	-30	-10.76	-0.004658	Within authorized band for Band 40	Pass
	-20	-5.04	-0.002182		
	-10	-15.69	-0.006792		
	0	-2.33	-0.001009		
	10	-11.66	-0.005048		
	20	-9.63	-0.004169		
	30	-10.11	-0.004377		
	40	-3.48	-0.001506		
	50	-8.27	-0.003580		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	4.72	0.002043	Within authorized band for Band 40	Pass
	3.91	4.86	0.002104		
	4.50	2.95	0.001277		
16QAM					
25	3.45	3.26	0.001411	Within authorized band for Band 40	Pass
	3.91	-12.32	-0.005333		
	4.50	-7.30	-0.003160		
64QAM					
25	3.45	-12.42	-0.005377	Within authorized band for Band 40	Pass
	3.91	4.58	0.001983		
	4.50	-2.46	-0.001065		
<i>Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.</i>					

LTE Band 40 part:

Reference Frequency: LTE Band 40(10MHz) Middle channel=39200 Frequency=2355.0MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.91	-30	-7.98	-0.003389	Within authorized band for Band 40	Pass
	-20	-3.59	-0.001524		
	-10	-5.41	-0.002297		
	0	-6.59	-0.002798		
	10	-1.97	-0.000837		
	20	-17.95	-0.007622		
	30	-13.96	-0.005928		
	40	4.89	0.002076		
	50	-10.90	-0.004628		
16QAM					
3.91	-30	-6.12	-0.002599	Within authorized band for Band 40	Pass
	-20	-7.50	-0.003185		
	-10	-6.48	-0.002752		
	0	-6.21	-0.002637		
	10	2.25	0.000955		
	20	3.09	0.001312		
	30	-8.44	-0.003584		
	40	-5.18	-0.002200		
	50	-7.24	-0.003074		
64QAM					
3.91	-30	-6.37	-0.002705	Within authorized band for Band 40	Pass
	-20	3.73	0.001584		
	-10	-4.46	-0.001894		
	0	-4.29	-0.001822		
	10	-6.78	-0.002879		
	20	1.36	0.000577		
	30	-5.81	-0.002467		
	40	5.84	0.002480		
	50	-5.84	-0.002480		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-5.36	-0.002276	Within authorized band for Band 40	Pass
	3.91	-5.19	-0.002204		
	4.50	5.49	0.002331		
16QAM					
25	3.45	7.04	0.002989	Within authorized band for Band 40	Pass
	3.91	-4.94	-0.002098		
	4.50	-3.78	-0.001605		
64QAM					
25	3.45	6.92	0.002938	Within authorized band for Band 40	Pass
	3.91	-9.57	-0.004064		
	4.50	-5.41	-0.002297		
<i>Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.</i>					

LTE Band 41 part:

Reference Frequency: LTE Band 41 (10MHz) Middle channel=40640 Frequency=2595.0MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.91	-30	-3.92	-0.001511	Within authorized band for Band 41	Pass
	-20	5.99	0.002308		
	-10	-5.85	-0.002254		
	0	-8.57	-0.003303		
	10	-8.90	-0.003430		
	20	8.80	0.003391		
	30	-6.01	-0.002316		
	40	-4.38	-0.001688		
	50	3.81	0.001468		
16QAM					
3.91	-30	-6.67	-0.002570	Within authorized band for Band 41	Pass
	-20	-4.26	-0.001642		
	-10	-4.81	-0.001854		
	0	-5.79	-0.002231		
	10	2.49	0.000960		
	20	-4.45	-0.001715		
	30	-2.69	-0.001037		
	40	-5.72	-0.002204		
	50	-6.28	-0.002420		
64QAM					
3.91	-30	-7.10	-0.002736	Within authorized band for Band 41	Pass
	-20	2.89	0.001114		
	-10	-7.22	-0.002782		
	0	-6.69	-0.002578		
	10	-4.16	-0.001603		
	20	-3.95	-0.001522		
	30	8.65	0.003333		
	40	-5.46	-0.002104		
	50	-6.65	-0.002563		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-3.88	-0.001495	Within authorized band for Band 41	Pass
	3.91	-3.68	-0.001418		
	4.50	-9.53	-0.003672		
16QAM					
25	3.45	3.55	0.001368	Within authorized band for Band41	Pass
	3.91	-5.34	-0.002058		
	4.50	4.75	0.001830		
64QAM					
25	3.45	-1.76	-0.000678	Within authorized band for Band41	Pass
	3.91	-10.43	-0.004019		
	4.50	-7.61	-0.002933		
<i>Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.</i>					

LTE Band 66 part:

Reference Frequency: LTE Band 66 (10MHz) Middle channel=132322 Frequency=1745.0MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.91	-30	7.67	0.004395	Within authorized band for Band 66	Pass
	-20	-3.83	-0.002195		
	-10	-5.36	-0.003072		
	0	6.39	0.003662		
	10	-6.51	-0.003731		
	20	6.14	0.003519		
	30	-8.37	-0.004797		
	40	-7.40	-0.004241		
	50	-11.12	-0.006372		
16QAM					
3.91	-30	-6.41	-0.003673	Within authorized band for Band 66	Pass
	-20	-8.83	-0.005060		
	-10	-10.66	-0.006109		
	0	-7.81	-0.004476		
	10	-10.24	-0.005868		
	20	-8.25	-0.004728		
	30	-10.59	-0.006069		
	40	-4.51	-0.002585		
	50	-4.05	-0.002321		
64QAM					
3.91	-30	-9.13	-0.005232	Within authorized band for Band 66	Pass
	-20	-8.34	-0.004779		
	-10	6.62	0.003794		
	0	6.67	0.003822		
	10	-7.15	-0.004097		
	20	-11.53	-0.006607		
	30	2.92	0.001673		
	40	-3.98	-0.002281		
	50	-8.83	-0.005060		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-2.99	-0.001713	Within authorized band for Band 66	Pass
	3.91	-10.49	-0.006011		
	4.50	6.51	0.003731		
16QAM					
25	3.45	-7.91	-0.004533	Within authorized band for Band 66	Pass
	3.91	-8.00	-0.004585		
	4.50	-5.98	-0.003427		
64QAM					
25	3.45	-3.38	-0.001937	Within authorized band for Band 66	Pass
	3.91	-7.52	-0.004309		
	4.50	-11.53	-0.006607		
<i>Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.</i>					

Appendix H: Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	PASS
Band2	3MHz	QPSK	18615	15RB#0	PASS
Band2	3MHz	QPSK	18900	15RB#0	PASS
Band2	3MHz	QPSK	19185	15RB#0	PASS
Band2	3MHz	16QAM	18615	15RB#0	PASS
Band2	3MHz	16QAM	18900	15RB#0	PASS
Band2	3MHz	16QAM	19185	15RB#0	PASS
Band2	3MHz	64QAM	18615	15RB#0	PASS
Band2	3MHz	64QAM	18900	15RB#0	PASS
Band2	3MHz	64QAM	19185	15RB#0	PASS
Band2	5MHz	QPSK	18625	25RB#0	PASS
Band2	5MHz	QPSK	18900	25RB#0	PASS
Band2	5MHz	QPSK	19175	25RB#0	PASS
Band2	5MHz	16QAM	18625	25RB#0	PASS
Band2	5MHz	16QAM	18900	25RB#0	PASS
Band2	5MHz	16QAM	19175	25RB#0	PASS
Band2	5MHz	64QAM	18625	25RB#0	PASS
Band2	5MHz	64QAM	18900	25RB#0	PASS
Band2	5MHz	64QAM	19175	25RB#0	PASS
Band2	10MHz	QPSK	18650	50RB#0	PASS
Band2	10MHz	QPSK	18900	50RB#0	PASS
Band2	10MHz	QPSK	19150	50RB#0	PASS
Band2	10MHz	16QAM	18650	50RB#0	PASS
Band2	10MHz	16QAM	18900	50RB#0	PASS
Band2	10MHz	16QAM	19150	50RB#0	PASS
Band2	10MHz	64QAM	18650	50RB#0	PASS
Band2	10MHz	64QAM	18900	50RB#0	PASS

Band2	10MHz	64QAM	19150	50RB#0	PASS
Band2	15MHz	QPSK	18675	75RB#0	PASS
Band2	15MHz	QPSK	18900	75RB#0	PASS
Band2	15MHz	QPSK	19125	75RB#0	PASS
Band2	15MHz	16QAM	18675	75RB#0	PASS
Band2	15MHz	16QAM	18900	75RB#0	PASS
Band2	15MHz	16QAM	19125	75RB#0	PASS
Band2	15MHz	64QAM	18675	75RB#0	PASS
Band2	15MHz	64QAM	18900	75RB#0	PASS
Band2	15MHz	64QAM	19125	75RB#0	PASS
Band2	20MHz	QPSK	18700	100RB#0	PASS
Band2	20MHz	QPSK	18900	100RB#0	PASS
Band2	20MHz	QPSK	19100	100RB#0	PASS
Band2	20MHz	16QAM	18700	100RB#0	PASS
Band2	20MHz	16QAM	18900	100RB#0	PASS
Band2	20MHz	16QAM	19100	100RB#0	PASS
Band2	20MHz	64QAM	18700	100RB#0	PASS
Band2	20MHz	64QAM	18900	100RB#0	PASS
Band2	20MHz	64QAM	19100	100RB#0	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	PASS
Band5	3MHz	QPSK	20415	15RB#0	PASS
Band5	3MHz	QPSK	20525	15RB#0	PASS
Band5	3MHz	QPSK	20635	15RB#0	PASS
Band5	3MHz	16QAM	20415	15RB#0	PASS
Band5	3MHz	16QAM	20525	15RB#0	PASS
Band5	3MHz	16QAM	20635	15RB#0	PASS
Band5	3MHz	64QAM	20415	15RB#0	PASS
Band5	3MHz	64QAM	20525	15RB#0	PASS
Band5	3MHz	64QAM	20635	15RB#0	PASS
Band5	5MHz	QPSK	20425	25RB#0	PASS
Band5	5MHz	QPSK	20525	25RB#0	PASS
Band5	5MHz	QPSK	20625	25RB#0	PASS
Band5	5MHz	16QAM	20425	25RB#0	PASS

Band5	5MHz	16QAM	20525	25RB#0	PASS
Band5	5MHz	16QAM	20625	25RB#0	PASS
Band5	5MHz	64QAM	20425	25RB#0	PASS
Band5	5MHz	64QAM	20525	25RB#0	PASS
Band5	5MHz	64QAM	20625	25RB#0	PASS
Band5	10MHz	QPSK	20450	50RB#0	PASS
Band5	10MHz	QPSK	20525	50RB#0	PASS
Band5	10MHz	QPSK	20600	50RB#0	PASS
Band5	10MHz	16QAM	20450	50RB#0	PASS
Band5	10MHz	16QAM	20525	50RB#0	PASS
Band5	10MHz	16QAM	20600	50RB#0	PASS
Band5	10MHz	64QAM	20450	50RB#0	PASS
Band5	10MHz	64QAM	20525	50RB#0	PASS
Band5	10MHz	64QAM	20600	50RB#0	PASS
Band7	5MHz	QPSK	20775	25RB#0	PASS
Band7	5MHz	QPSK	21100	25RB#0	PASS
Band7	5MHz	QPSK	21425	25RB#0	PASS
Band7	5MHz	16QAM	20775	25RB#0	PASS
Band7	5MHz	16QAM	21100	25RB#0	PASS
Band7	5MHz	16QAM	21425	25RB#0	PASS
Band7	5MHz	64QAM	20775	25RB#0	PASS
Band7	5MHz	64QAM	21100	25RB#0	PASS
Band7	5MHz	64QAM	21425	25RB#0	PASS
Band7	10MHz	QPSK	20800	50RB#0	PASS
Band7	10MHz	QPSK	21100	50RB#0	PASS
Band7	10MHz	QPSK	21400	50RB#0	PASS
Band7	10MHz	16QAM	20800	50RB#0	PASS
Band7	10MHz	16QAM	21100	50RB#0	PASS
Band7	10MHz	16QAM	21400	50RB#0	PASS
Band7	10MHz	64QAM	20800	50RB#0	PASS
Band7	10MHz	64QAM	21100	50RB#0	PASS
Band7	10MHz	64QAM	21400	50RB#0	PASS
Band7	15MHz	QPSK	20825	75RB#0	PASS
Band7	15MHz	QPSK	21100	75RB#0	PASS
Band7	15MHz	QPSK	21375	75RB#0	PASS
Band7	15MHz	16QAM	20825	75RB#0	PASS
Band7	15MHz	16QAM	21100	75RB#0	PASS
Band7	15MHz	16QAM	21375	75RB#0	PASS
Band7	15MHz	64QAM	20825	75RB#0	PASS
Band7	15MHz	64QAM	21100	75RB#0	PASS
Band7	15MHz	64QAM	21375	75RB#0	PASS

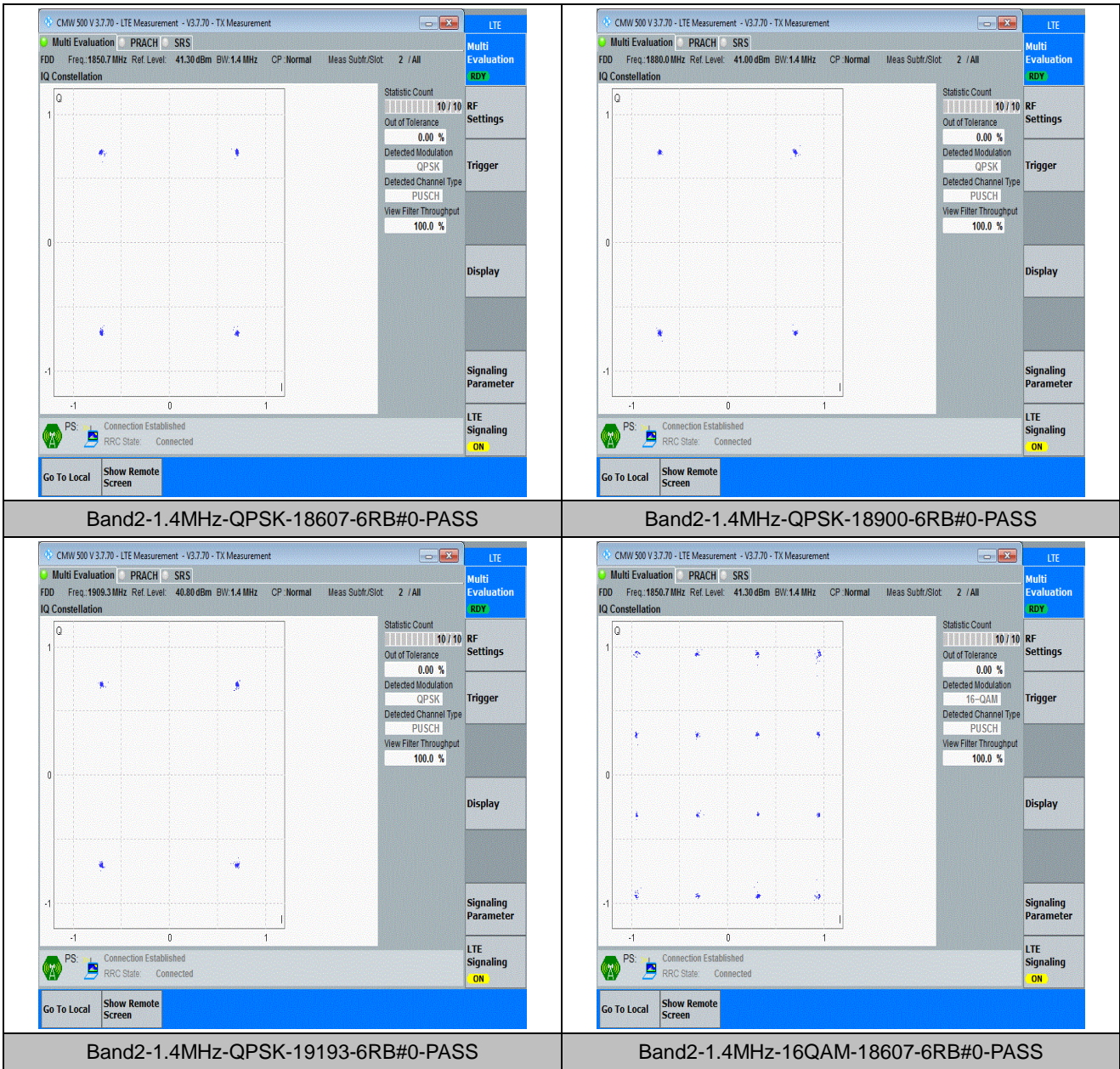
Band7	20MHz	QPSK	20850	100RB#0	PASS
Band7	20MHz	QPSK	21100	100RB#0	PASS
Band7	20MHz	QPSK	21350	100RB#0	PASS
Band7	20MHz	16QAM	20850	100RB#0	PASS
Band7	20MHz	16QAM	21100	100RB#0	PASS
Band7	20MHz	16QAM	21350	100RB#0	PASS
Band7	20MHz	64QAM	20850	100RB#0	PASS
Band7	20MHz	64QAM	21100	100RB#0	PASS
Band7	20MHz	64QAM	21350	100RB#0	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	PASS
Band12	3MHz	QPSK	23025	15RB#0	PASS
Band12	3MHz	QPSK	23095	15RB#0	PASS
Band12	3MHz	QPSK	23165	15RB#0	PASS
Band12	3MHz	16QAM	23025	15RB#0	PASS
Band12	3MHz	16QAM	23095	15RB#0	PASS
Band12	3MHz	16QAM	23165	15RB#0	PASS
Band12	3MHz	64QAM	23025	15RB#0	PASS
Band12	3MHz	64QAM	23095	15RB#0	PASS
Band12	3MHz	64QAM	23165	15RB#0	PASS
Band12	5MHz	QPSK	23035	25RB#0	PASS
Band12	5MHz	QPSK	23095	25RB#0	PASS
Band12	5MHz	QPSK	23155	25RB#0	PASS
Band12	5MHz	16QAM	23035	25RB#0	PASS
Band12	5MHz	16QAM	23095	25RB#0	PASS
Band12	5MHz	16QAM	23155	25RB#0	PASS
Band12	5MHz	64QAM	23035	25RB#0	PASS
Band12	5MHz	64QAM	23095	25RB#0	PASS
Band12	5MHz	64QAM	23155	25RB#0	PASS
Band12	10MHz	QPSK	23060	50RB#0	PASS
Band12	10MHz	QPSK	23095	50RB#0	PASS
Band12	10MHz	QPSK	23130	50RB#0	PASS
Band12	10MHz	16QAM	23060	50RB#0	PASS
Band12	10MHz	16QAM	23095	50RB#0	PASS

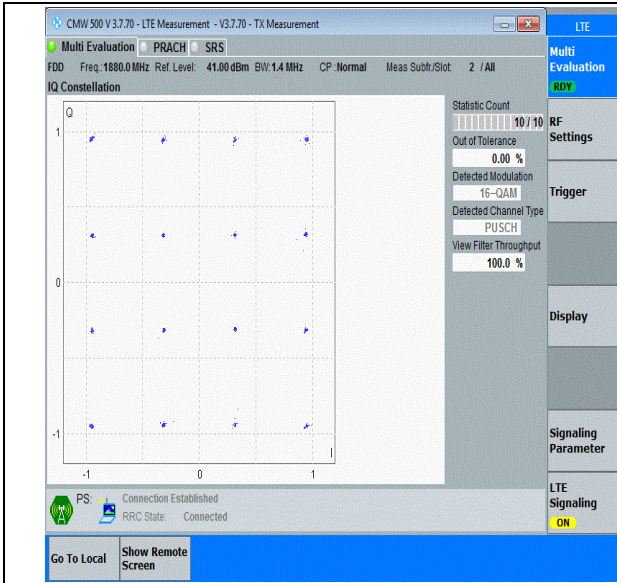
Band12	10MHz	16QAM	23130	50RB#0	PASS
Band12	10MHz	64QAM	23060	50RB#0	PASS
Band12	10MHz	64QAM	23095	50RB#0	PASS
Band12	10MHz	64QAM	23130	50RB#0	PASS
40(2305-2315)	5MHz	QPSK	38725	25RB#0	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	PASS
40(2305-2315)	5MHz	QPSK	38775	25RB#0	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#0	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	PASS
40(2305-2315)	5MHz	16QAM	38775	25RB#0	PASS
40(2305-2315)	5MHz	64QAM	38725	25RB#0	PASS
40(2305-2315)	5MHz	64QAM	38750	25RB#0	PASS
40(2305-2315)	5MHz	64QAM	38775	25RB#0	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	PASS
40(2305-2315)	10MHz	64QAM	38750	50RB#0	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	PASS
40(2350-2360)	5MHz	64QAM	39175	25RB#0	PASS
40(2350-2360)	5MHz	64QAM	39200	25RB#0	PASS
40(2350-2360)	5MHz	64QAM	39225	25RB#0	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	PASS
40(2350-2360)	10MHz	64QAM	39200	50RB#0	PASS
41(2535-2655)	5MHz	QPSK	40065	25RB#0	PASS
41(2535-2655)	5MHz	QPSK	40640	25RB#0	PASS
41(2535-2655)	5MHz	QPSK	41215	25RB#0	PASS
41(2535-2655)	5MHz	16QAM	40065	25RB#0	PASS
41(2535-2655)	5MHz	16QAM	40640	25RB#0	PASS
41(2535-2655)	5MHz	16QAM	41215	25RB#0	PASS
41(2535-2655)	5MHz	64QAM	40065	25RB#0	PASS
41(2535-2655)	5MHz	64QAM	40640	25RB#0	PASS
41(2535-2655)	5MHz	64QAM	41215	25RB#0	PASS
41(2535-2655)	10MHz	QPSK	40090	50RB#0	PASS
41(2535-2655)	10MHz	QPSK	40640	50RB#0	PASS
41(2535-2655)	10MHz	QPSK	41190	50RB#0	PASS
41(2535-2655)	10MHz	16QAM	40090	50RB#0	PASS

41(2535-2655)	10MHz	16QAM	40640	50RB#0	PASS
41(2535-2655)	10MHz	16QAM	41190	50RB#0	PASS
41(2535-2655)	10MHz	64QAM	40090	50RB#0	PASS
41(2535-2655)	10MHz	64QAM	40640	50RB#0	PASS
41(2535-2655)	10MHz	64QAM	41190	50RB#0	PASS
41(2535-2655)	15MHz	QPSK	40115	75RB#0	PASS
41(2535-2655)	15MHz	QPSK	40640	75RB#0	PASS
41(2535-2655)	15MHz	QPSK	41165	75RB#0	PASS
41(2535-2655)	15MHz	16QAM	40115	75RB#0	PASS
41(2535-2655)	15MHz	16QAM	40640	75RB#0	PASS
41(2535-2655)	15MHz	16QAM	41165	75RB#0	PASS
41(2535-2655)	15MHz	64QAM	40115	75RB#0	PASS
41(2535-2655)	15MHz	64QAM	40640	75RB#0	PASS
41(2535-2655)	15MHz	64QAM	41165	75RB#0	PASS
41(2535-2655)	20MHz	QPSK	40140	100RB#0	PASS
41(2535-2655)	20MHz	QPSK	40640	100RB#0	PASS
41(2535-2655)	20MHz	QPSK	41140	100RB#0	PASS
41(2535-2655)	20MHz	16QAM	40140	100RB#0	PASS
41(2535-2655)	20MHz	16QAM	40640	100RB#0	PASS
41(2535-2655)	20MHz	16QAM	41140	100RB#0	PASS
41(2535-2655)	20MHz	64QAM	40140	100RB#0	PASS
41(2535-2655)	20MHz	64QAM	40640	100RB#0	PASS
41(2535-2655)	20MHz	64QAM	41140	100RB#0	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	PASS
Band66	3MHz	QPSK	131987	15RB#0	PASS
Band66	3MHz	QPSK	132322	15RB#0	PASS
Band66	3MHz	QPSK	132657	15RB#0	PASS
Band66	3MHz	16QAM	131987	15RB#0	PASS
Band66	3MHz	16QAM	132322	15RB#0	PASS
Band66	3MHz	16QAM	132657	15RB#0	PASS
Band66	3MHz	64QAM	131987	15RB#0	PASS
Band66	3MHz	64QAM	132322	15RB#0	PASS
Band66	3MHz	64QAM	132657	15RB#0	PASS

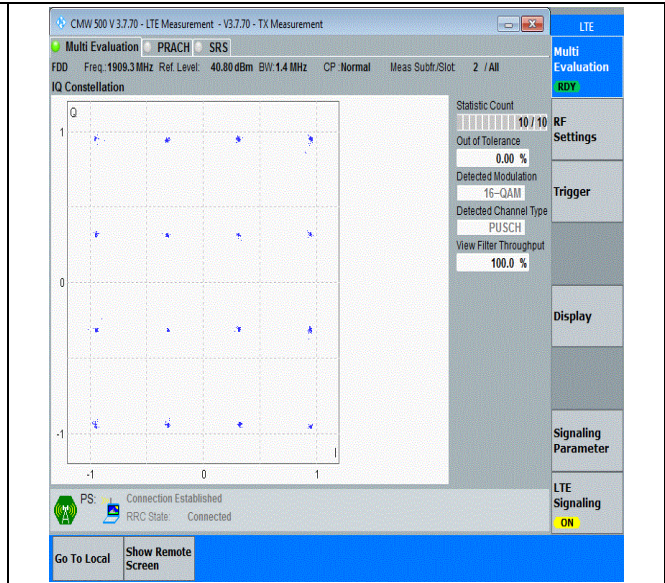
Band66	5MHz	QPSK	131997	25RB#0	PASS
Band66	5MHz	QPSK	132322	25RB#0	PASS
Band66	5MHz	QPSK	132647	25RB#0	PASS
Band66	5MHz	16QAM	131997	25RB#0	PASS
Band66	5MHz	16QAM	132322	25RB#0	PASS
Band66	5MHz	16QAM	132647	25RB#0	PASS
Band66	5MHz	64QAM	131997	25RB#0	PASS
Band66	5MHz	64QAM	132322	25RB#0	PASS
Band66	5MHz	64QAM	132647	25RB#0	PASS
Band66	10MHz	QPSK	132022	50RB#0	PASS
Band66	10MHz	QPSK	132322	50RB#0	PASS
Band66	10MHz	QPSK	132622	50RB#0	PASS
Band66	10MHz	16QAM	132022	50RB#0	PASS
Band66	10MHz	16QAM	132322	50RB#0	PASS
Band66	10MHz	16QAM	132622	50RB#0	PASS
Band66	10MHz	64QAM	132022	50RB#0	PASS
Band66	10MHz	64QAM	132322	50RB#0	PASS
Band66	10MHz	64QAM	132622	50RB#0	PASS
Band66	15MHz	QPSK	132047	75RB#0	PASS
Band66	15MHz	QPSK	132322	75RB#0	PASS
Band66	15MHz	QPSK	132597	75RB#0	PASS
Band66	15MHz	16QAM	132047	75RB#0	PASS
Band66	15MHz	16QAM	132322	75RB#0	PASS
Band66	15MHz	16QAM	132597	75RB#0	PASS
Band66	15MHz	64QAM	132047	75RB#0	PASS
Band66	15MHz	64QAM	132322	75RB#0	PASS
Band66	15MHz	64QAM	132597	75RB#0	PASS
Band66	20MHz	QPSK	132072	100RB#0	PASS
Band66	20MHz	QPSK	132322	100RB#0	PASS
Band66	20MHz	QPSK	132572	100RB#0	PASS
Band66	20MHz	16QAM	132072	100RB#0	PASS
Band66	20MHz	16QAM	132322	100RB#0	PASS
Band66	20MHz	16QAM	132572	100RB#0	PASS
Band66	20MHz	64QAM	132072	100RB#0	PASS
Band66	20MHz	64QAM	132322	100RB#0	PASS
Band66	20MHz	64QAM	132572	100RB#0	PASS

Test Graphs

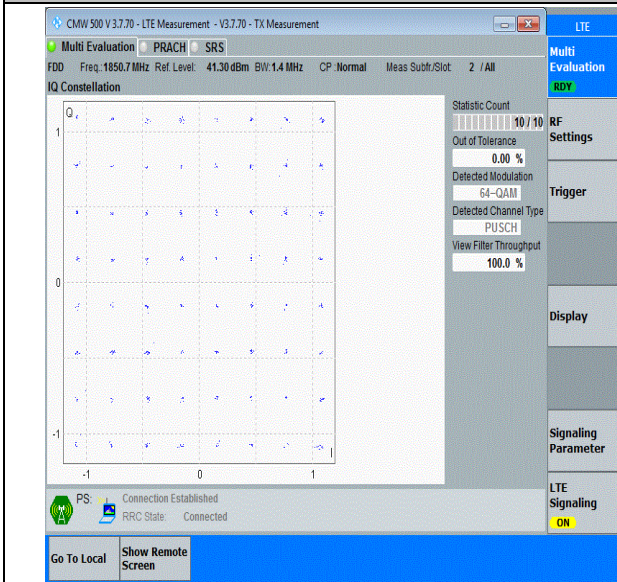




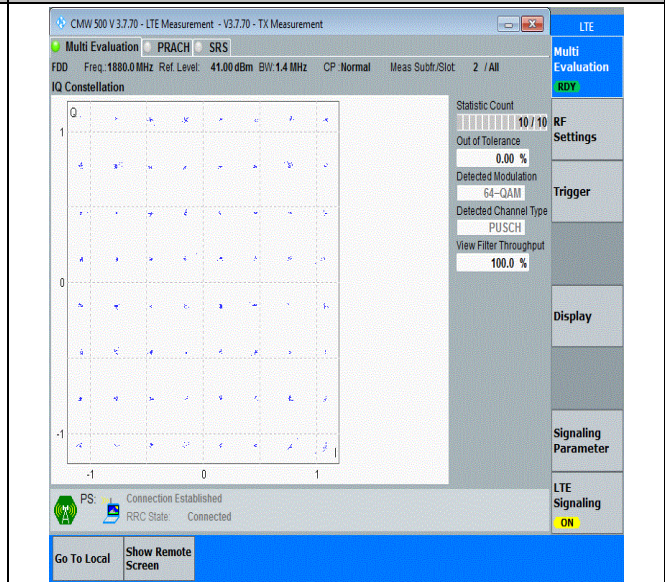
Band2-1.4MHz-16QAM-18900-6RB#0-PASS



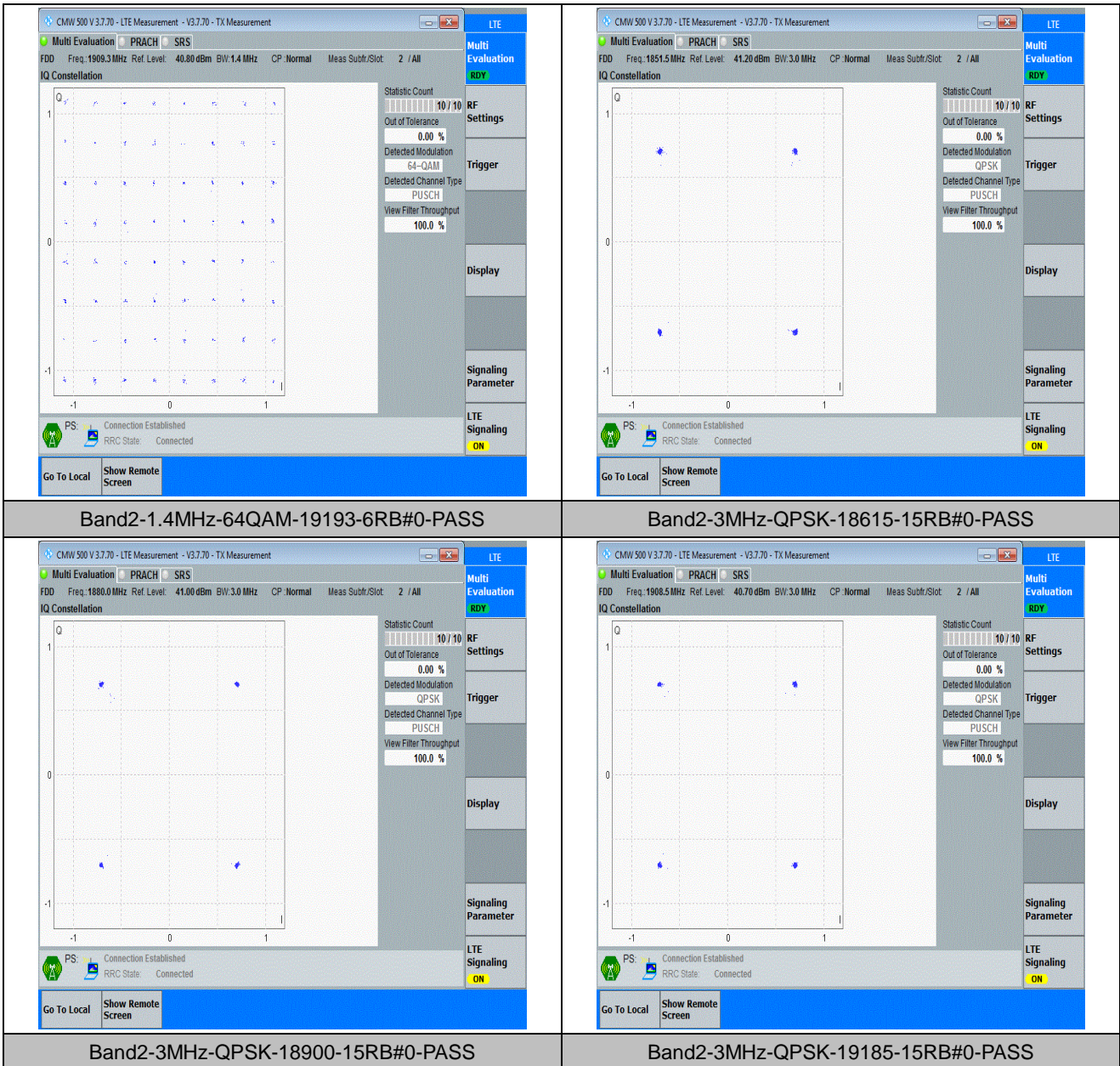
Band2-1.4MHz-16QAM-19193-6RB#0-PASS

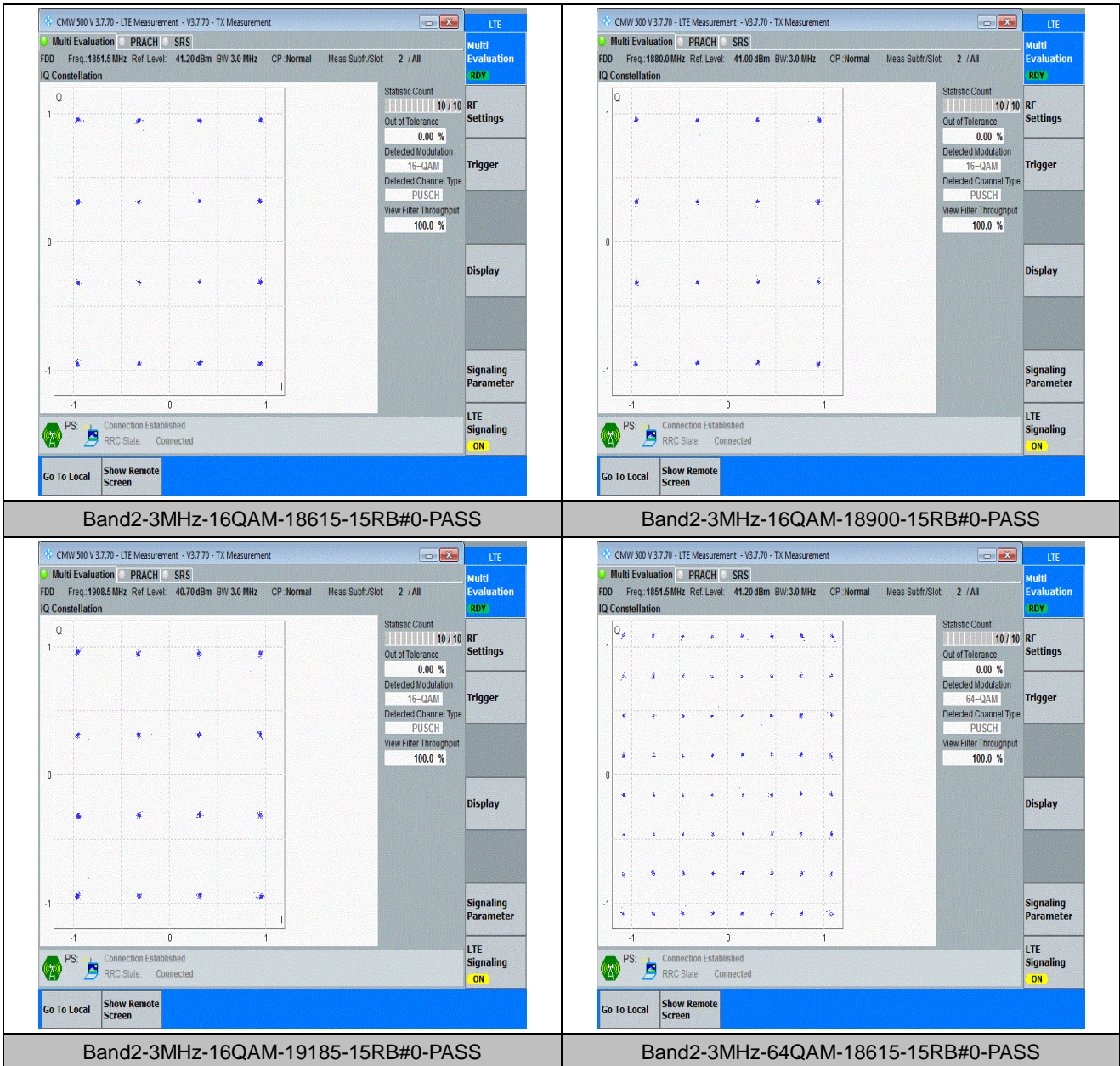


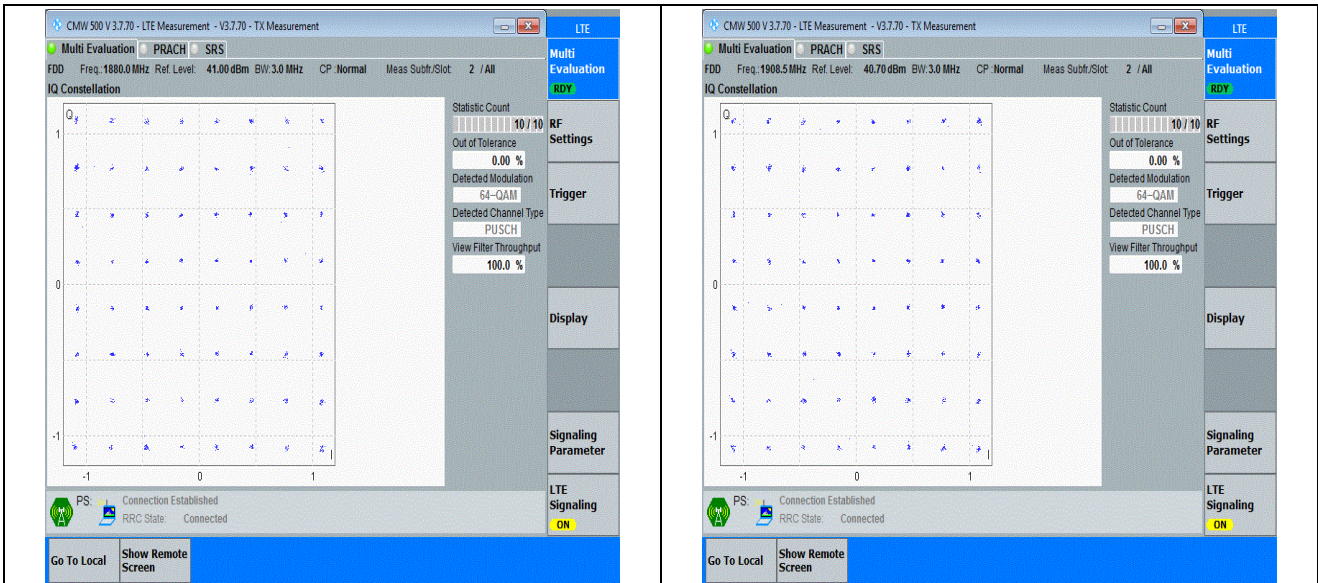
Band2-1.4MHz-64QAM-18607-6RB#0-PASS



Band2-1.4MHz-64QAM-18900-6RB#0-PASS

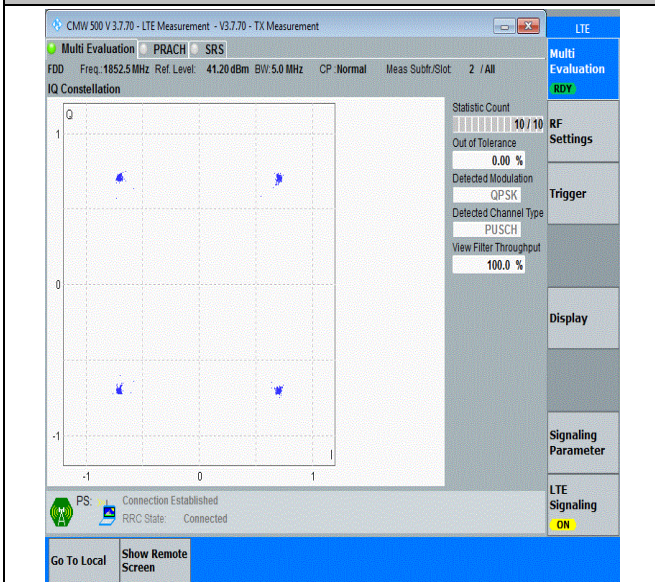




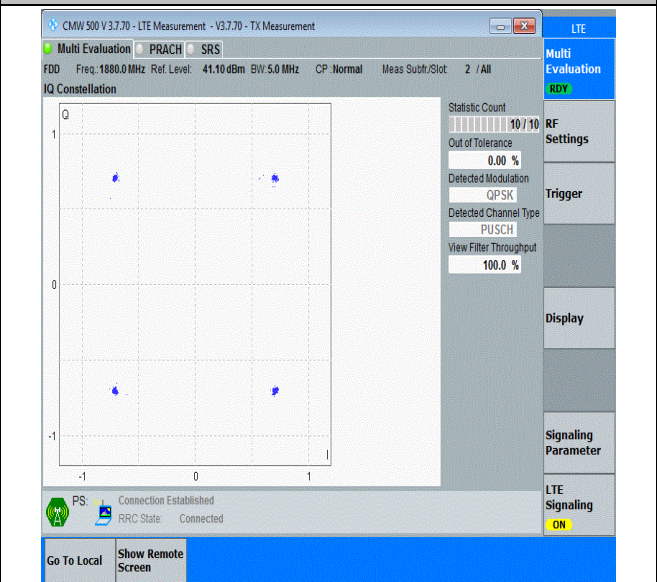


Band2-3MHz-64QAM-18900-15RB#0-PASS

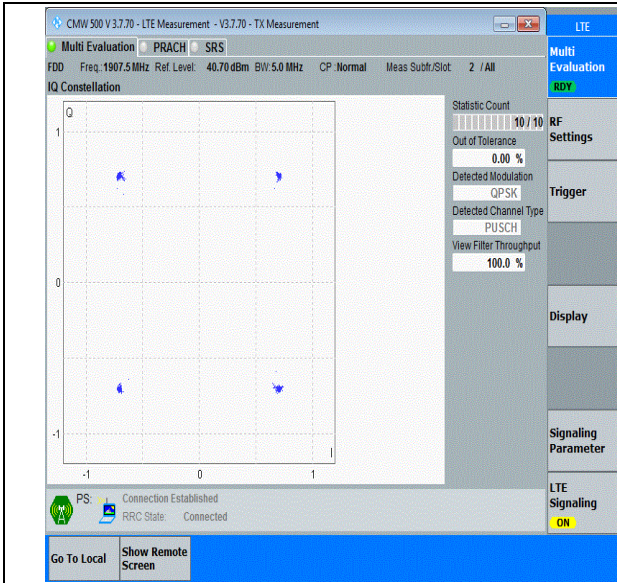
Band2-3MHz-64QAM-19185-15RB#0-PASS



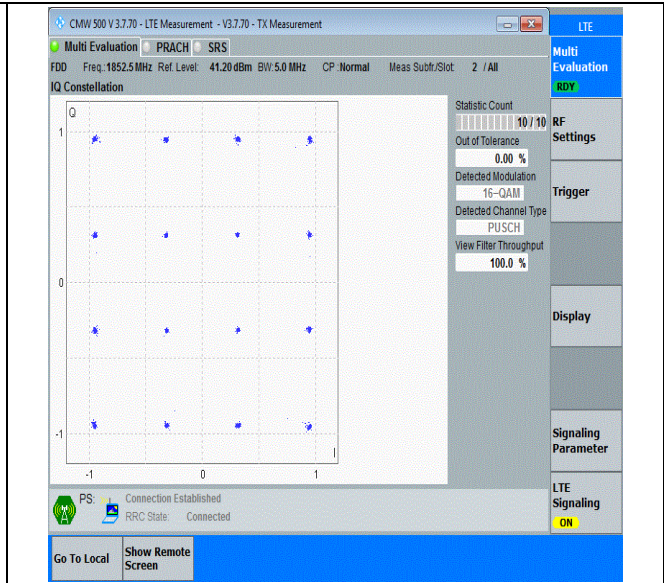
Band2-5MHz-QPSK-18625-25RB#0-PASS



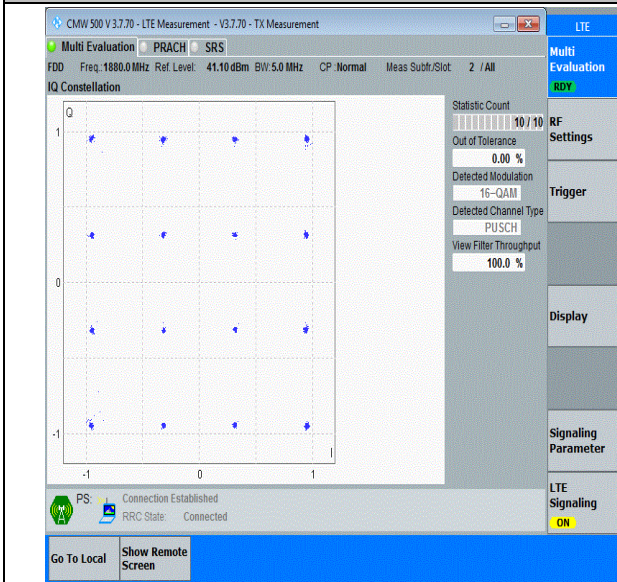
Band2-5MHz-QPSK-18900-25RB#0-PASS



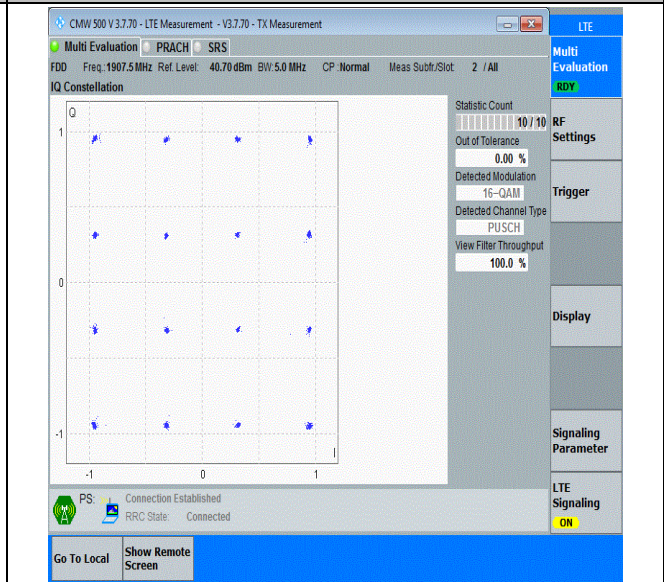
Band2-5MHz-QPSK-19175-25RB#0-PASS



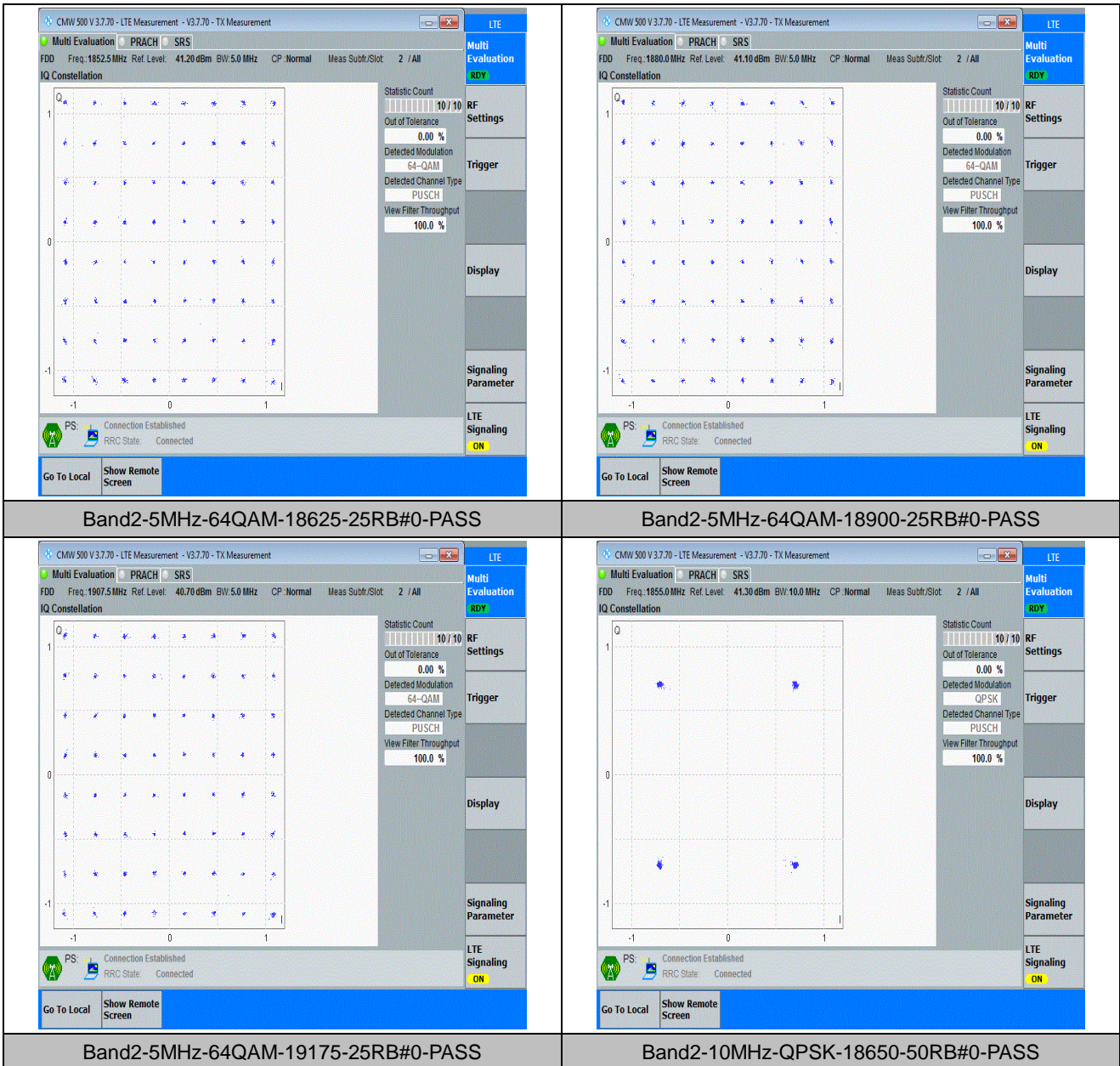
Band2-5MHz-16QAM-18625-25RB#0-PASS

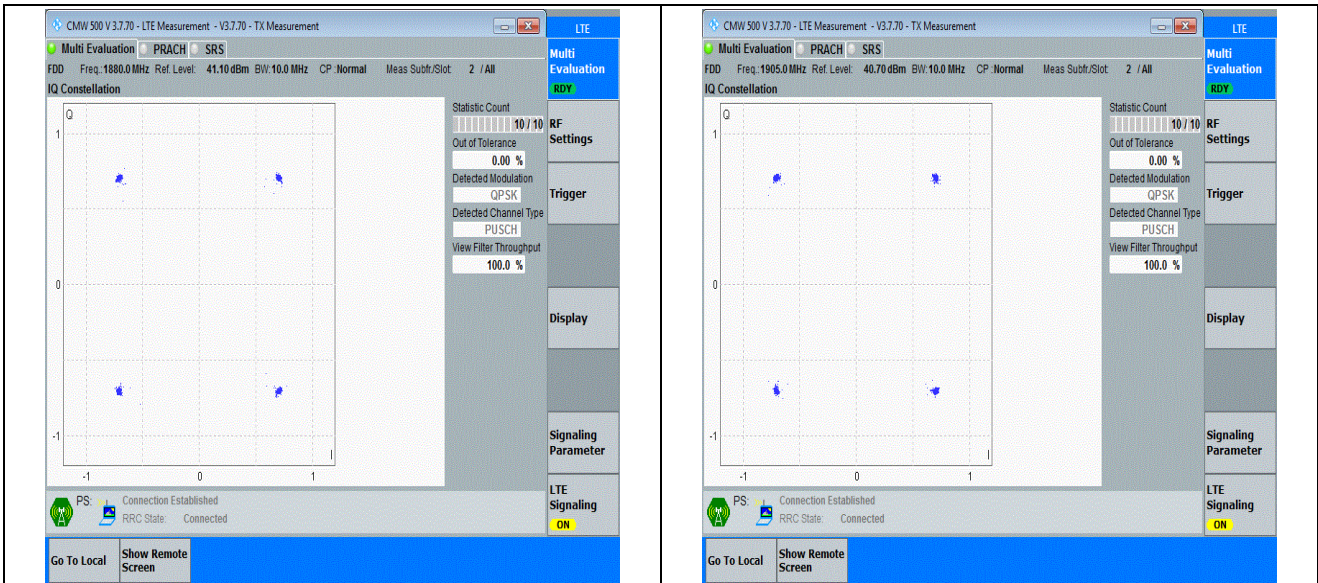


Band2-5MHz-16QAM-18900-25RB#0-PASS



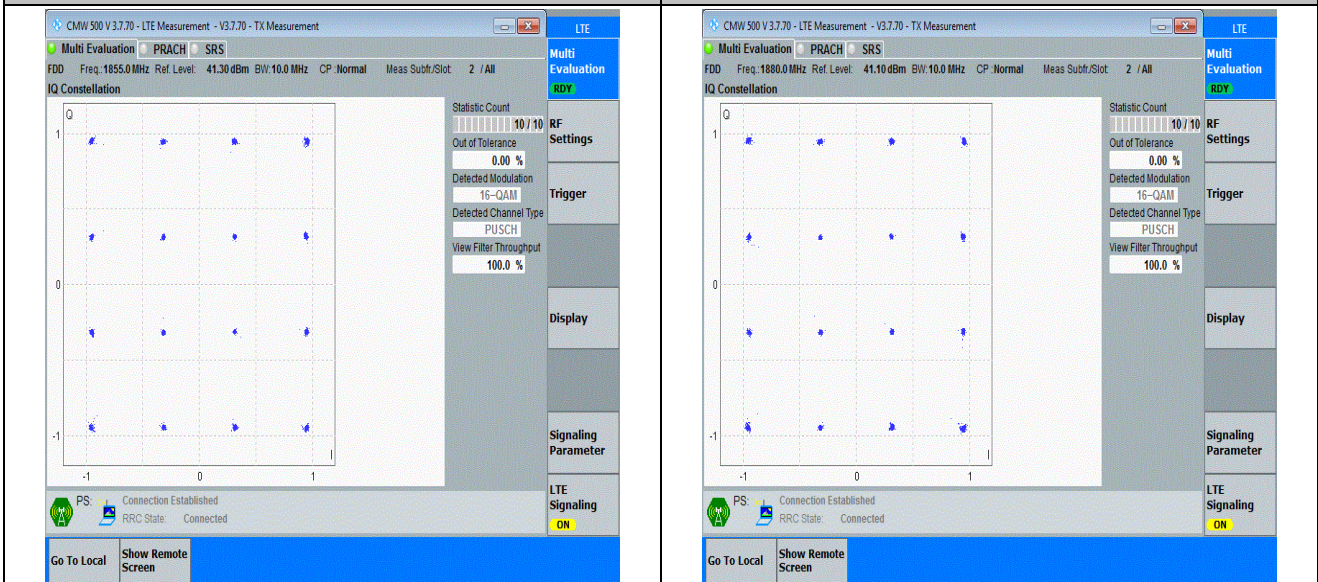
Band2-5MHz-16QAM-19175-25RB#0-PASS





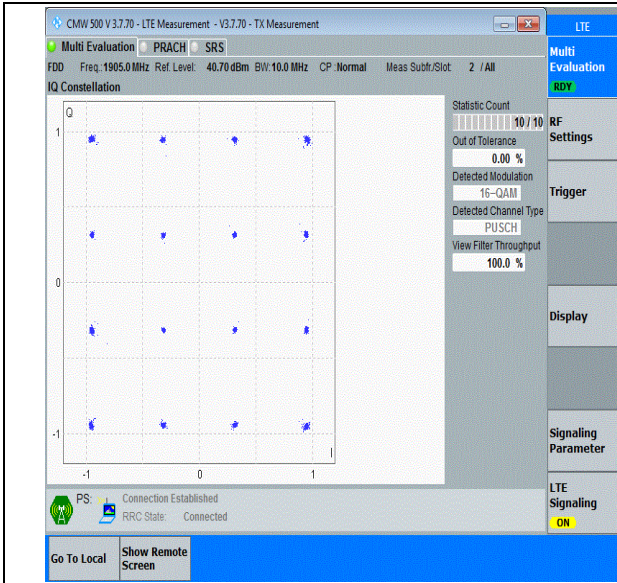
Band2-10MHz-QPSK-18900-50RB#0-PASS

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

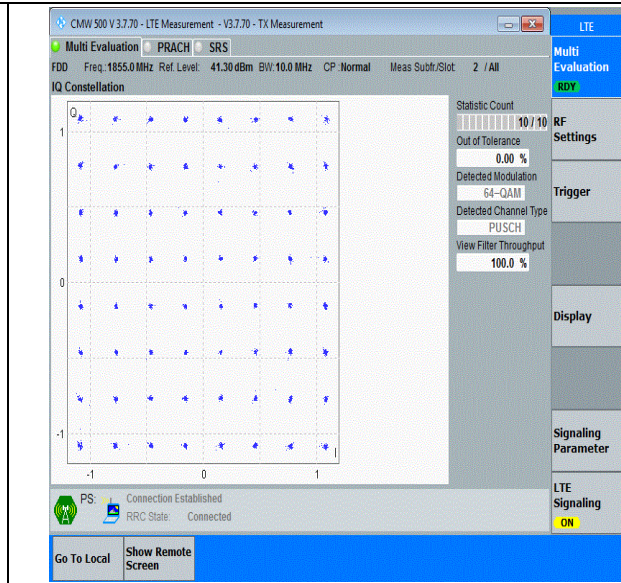


Band2-10MHz-16QAM-18650-50RB#0-PASS

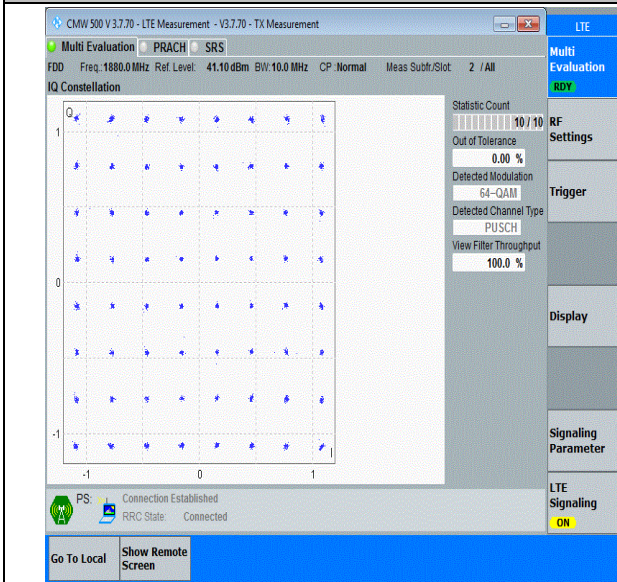
Band2-10MHz-16QAM-18900-50RB#0-PASS



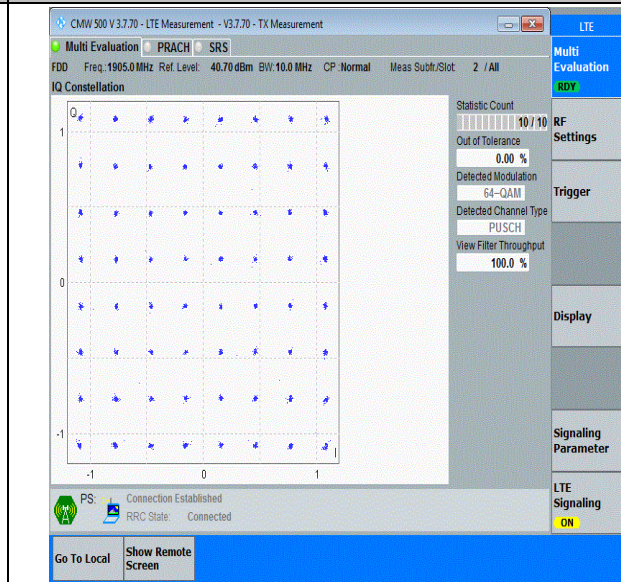
Band2-10MHz-16QAM-19150-50RB#0-PASS



Band2-10MHz-64QAM-18650-50RB#0-PASS



Band2-10MHz-64QAM-18900-50RB#0-PASS



Band2-10MHz-64QAM-19150-50RB#0-PASS