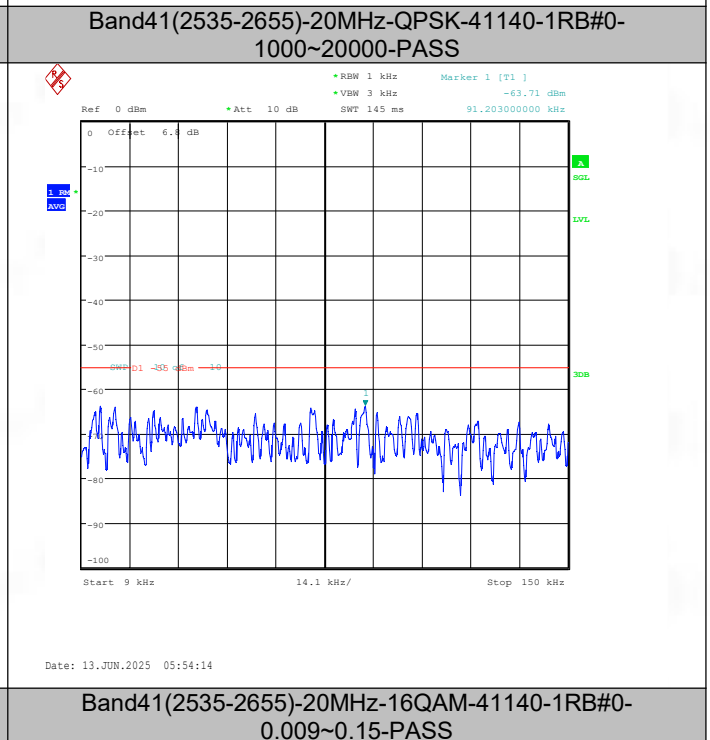
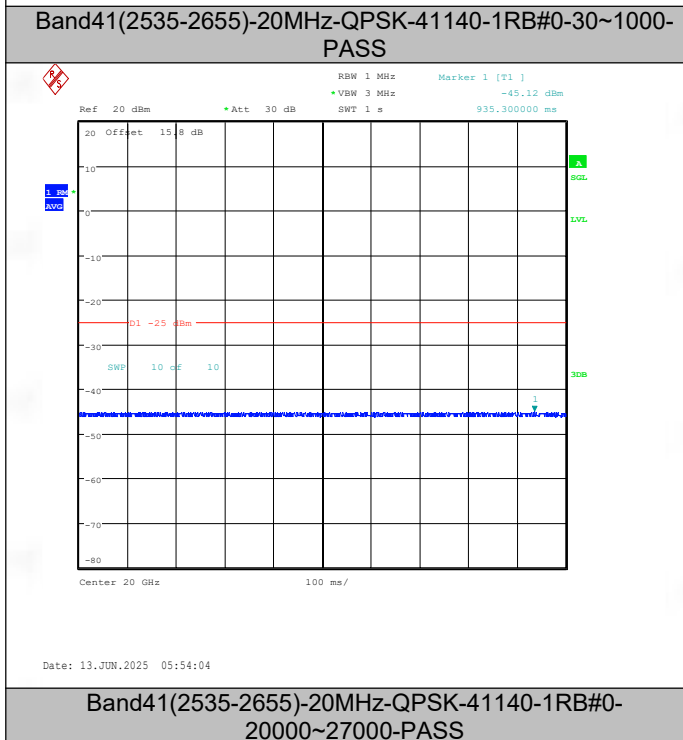
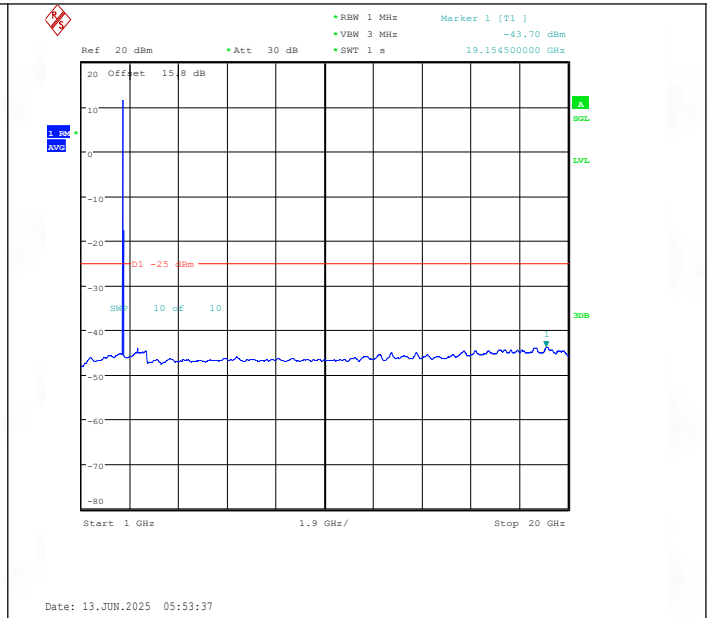
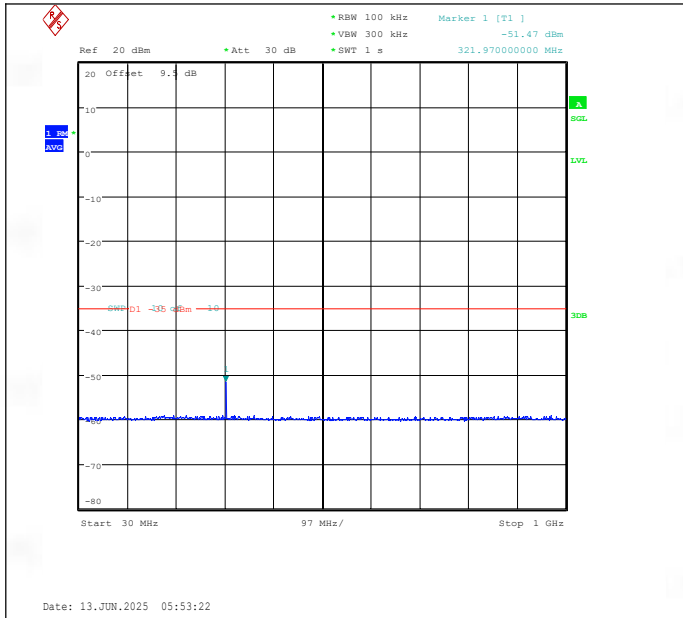
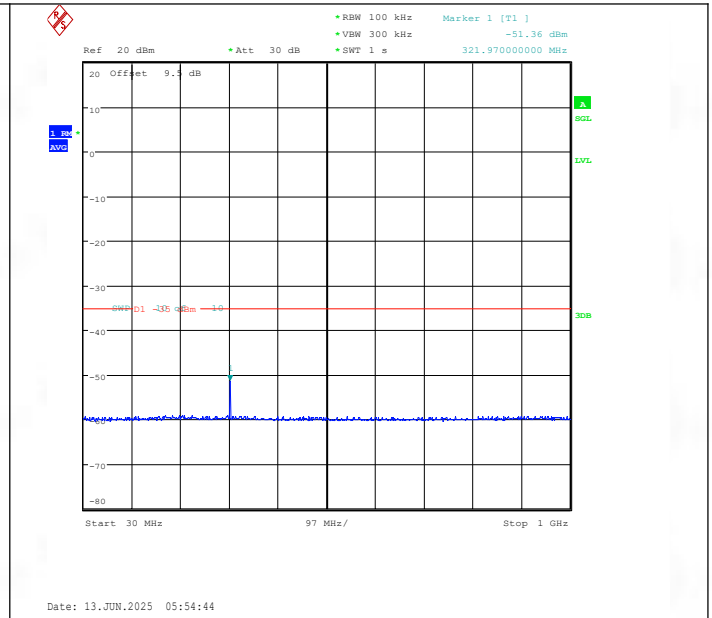
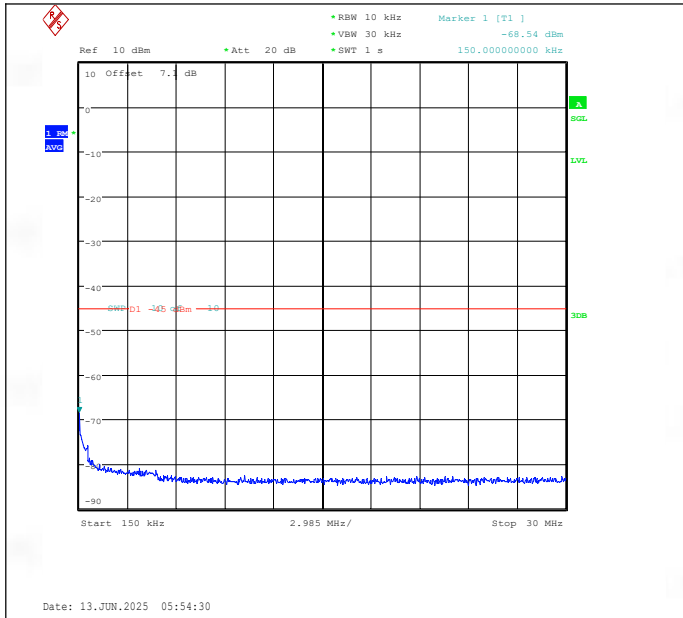
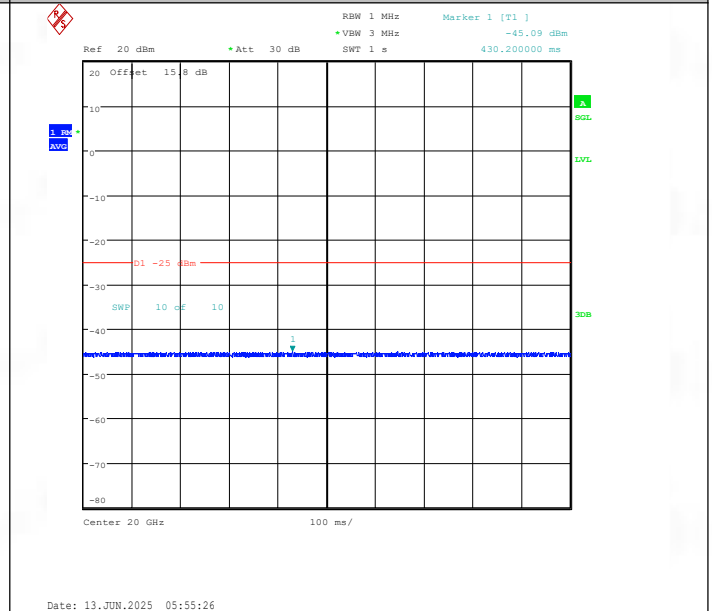
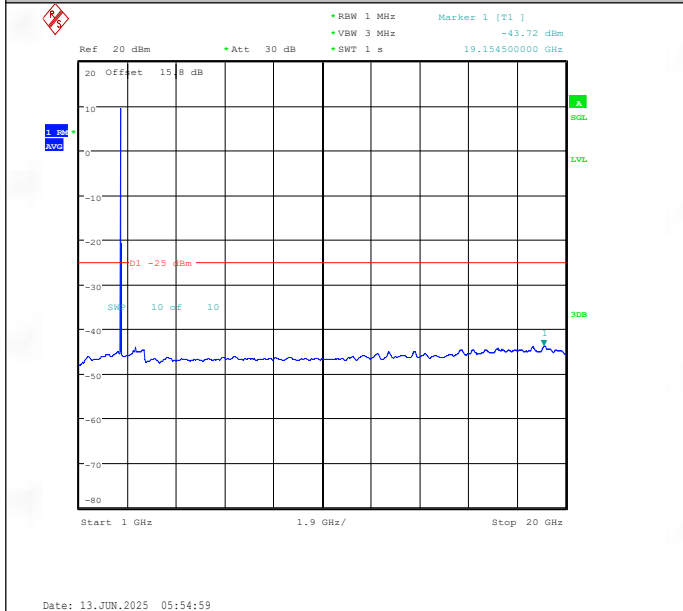






Band41(2535-2655)-20MHz-16QAM-41140-1RB#0-0.15~30-PASS

Band41(2535-2655)-20MHz-16QAM-41140-1RB#0-30~1000-PASS



Band41(2535-2655)-20MHz-16QAM-41140-1RB#0-1000~20000-PASS

Band41(2535-2655)-20MHz-16QAM-41140-1RB#0-20000~27000-PASS

1.6 Appendix F: Frequency Stability

1.6.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band41 (2535-2655)	5MHz	QPSK	40065	25RB#0	VN	NT	-10.24	-0.004035	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	40065	25RB#0	VL	NT	-12.10	-0.004768	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	40065	25RB#0	VH	NT	-10.71	-0.004221	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	40065	25RB#0	VN	NT	16.94	0.006676	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	40065	25RB#0	VL	NT	6.05	0.002384	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	40065	25RB#0	VH	NT	-8.27	-0.003259	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	40590	25RB#0	VN	NT	-3.53	-0.001363	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	40590	25RB#0	VL	NT	-10.79	-0.004166	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	40590	25RB#0	VH	NT	-8.24	-0.003181	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	40590	25RB#0	VN	NT	8.45	0.003263	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	40590	25RB#0	VL	NT	9.06	0.003498	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	40590	25RB#0	VH	NT	-9.86	-0.003807	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	41215	25RB#0	VN	NT	10.50	0.003959	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	41215	25RB#0	VL	NT	-3.35	-0.001263	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	41215	25RB#0	VH	NT	4.58	0.001727	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	41215	25RB#0	VN	NT	-14.93	-0.005629	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	41215	25RB#0	VL	NT	-19.86	-0.007487	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	VH	NT	-27.14	-0.010232	±2.5	PASS

(2535-2655)										
Band41 (2535-2655)	10MHz	QPSK	40090	50RB#0	VN	NT	-8.33	-0.003280	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40090	50RB#0	VL	NT	-4.48	-0.001764	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40090	50RB#0	VH	NT	-7.30	-0.002874	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	40090	50RB#0	VN	NT	-5.05	-0.001988	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	40090	50RB#0	VL	NT	-4.91	-0.001933	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	40090	50RB#0	VH	NT	-7.20	-0.002835	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40590	50RB#0	VN	NT	10.70	0.004131	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40590	50RB#0	VL	NT	9.54	0.003683	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40590	50RB#0	VH	NT	6.27	0.002421	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	40590	50RB#0	VN	NT	7.47	0.002884	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	40590	50RB#0	VL	NT	-7.25	-0.002799	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	40590	50RB#0	VH	NT	-12.50	-0.004826	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	41190	50RB#0	VN	NT	-14.53	-0.005483	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	41190	50RB#0	VL	NT	3.58	0.001351	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	41190	50RB#0	VH	NT	-5.04	-0.001902	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	41190	50RB#0	VN	NT	-7.50	-0.002830	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	41190	50RB#0	VL	NT	-7.17	-0.002706	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	41190	50RB#0	VH	NT	-6.58	-0.002483	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	40115	75RB#0	VN	NT	4.63	0.001821	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	40115	75RB#0	VL	NT	-10.80	-0.004248	±2.5	PASS

2655)										
Band41 (2535- 2655)	15MHz	QPSK	40115	75RB#0	VH	NT	-13.45	-0.005290	±2.5	PASS
Band41 (2535- 2655)	15MHz	16QAM	40115	75RB#0	VN	NT	-7.90	-0.003107	±2.5	PASS
Band41 (2535- 2655)	15MHz	16QAM	40115	75RB#0	VL	NT	5.26	0.002069	±2.5	PASS
Band41 (2535- 2655)	15MHz	16QAM	40115	75RB#0	VH	NT	-6.32	-0.002486	±2.5	PASS
Band41 (2535- 2655)	15MHz	QPSK	40590	75RB#0	VN	NT	-4.43	-0.001710	±2.5	PASS
Band41 (2535- 2655)	15MHz	QPSK	40590	75RB#0	VL	NT	-14.73	-0.005687	±2.5	PASS
Band41 (2535- 2655)	15MHz	QPSK	40590	75RB#0	VH	NT	-4.36	-0.001683	±2.5	PASS
Band41 (2535- 2655)	15MHz	16QAM	40590	75RB#0	VN	NT	7.75	0.002992	±2.5	PASS
Band41 (2535- 2655)	15MHz	16QAM	40590	75RB#0	VL	NT	7.21	0.002784	±2.5	PASS
Band41 (2535- 2655)	15MHz	16QAM	40590	75RB#0	VH	NT	6.38	0.002463	±2.5	PASS
Band41 (2535- 2655)	15MHz	QPSK	41165	75RB#0	VN	NT	-10.93	-0.004128	±2.5	PASS
Band41 (2535- 2655)	15MHz	QPSK	41165	75RB#0	VL	NT	4.41	0.001666	±2.5	PASS
Band41 (2535- 2655)	15MHz	QPSK	41165	75RB#0	VH	NT	6.47	0.002444	±2.5	PASS
Band41 (2535- 2655)	15MHz	16QAM	41165	75RB#0	VN	NT	-9.26	-0.003498	±2.5	PASS
Band41 (2535- 2655)	15MHz	16QAM	41165	75RB#0	VL	NT	-5.11	-0.001930	±2.5	PASS
Band41 (2535- 2655)	15MHz	16QAM	41165	75RB#0	VH	NT	-10.76	-0.004064	±2.5	PASS
Band41 (2535- 2655)	20MHz	QPSK	40140	100RB#0	VN	NT	-10.33	-0.004059	±2.5	PASS
Band41 (2535- 2655)	20MHz	QPSK	40140	100RB#0	VL	NT	-7.71	-0.003029	±2.5	PASS
Band41 (2535- 2655)	20MHz	QPSK	40140	100RB#0	VH	NT	-11.69	-0.004593	±2.5	PASS
Band41 (2535- 2655)	20MHz	16QAM	40140	100RB#0	VN	NT	-14.72	-0.005784	±2.5	PASS

Band41 (2535-2655)	20MHz	16QAM	40140	100RB#0	VL	NT	-7.24	-0.002845	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40140	100RB#0	VH	NT	-5.91	-0.002322	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	40590	100RB#0	VN	NT	5.11	0.001973	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	40590	100RB#0	VL	NT	9.18	0.003544	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	40590	100RB#0	VH	NT	-7.52	-0.002903	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40590	100RB#0	VN	NT	-7.22	-0.002788	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40590	100RB#0	VL	NT	6.25	0.002413	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40590	100RB#0	VH	NT	-10.29	-0.003973	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	41140	100RB#0	VN	NT	11.40	0.004310	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	41140	100RB#0	VL	NT	-7.84	-0.002964	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	41140	100RB#0	VH	NT	-7.31	-0.002764	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	41140	100RB#0	VN	NT	-4.01	-0.001516	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	41140	100RB#0	VL	NT	-6.68	-0.002526	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	41140	100RB#0	VH	NT	-13.63	-0.005153	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41 (2535-2655)	5MHz	QPSK	40065	25RB#0	NV	-30	-11.13	-0.004386	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	40065	25RB#0	NV	-20	-19.45	-0.007665	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	40065	25RB#0	NV	-10	-21.80	-0.008591	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	40065	25RB#0	NV	0	228.75	0.090148	±2.5	PASS
Band41	5MHz	QPSK	40065	25RB#0	NV	10	212.13	0.083598	±2.5	PASS

(2535-2655)										
Band41 (2535-2655)	5MHz	QPSK	40065	25RB#0	NV	20	214.23	0.084426	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	40065	25RB#0	NV	30	204.81	0.080713	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	40065	25RB#0	NV	40	212.36	0.083689	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	40065	25RB#0	NV	50	203.59	0.080233	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	40065	25RB#0	NV	-30	-8.33	-0.003283	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	40065	25RB#0	NV	-20	-9.96	-0.003925	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	40065	25RB#0	NV	-10	-5.72	-0.002254	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	40065	25RB#0	NV	0	-6.04	-0.002380	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	40065	25RB#0	NV	10	8.90	0.003507	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	40065	25RB#0	NV	20	-4.88	-0.001923	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	40065	25RB#0	NV	30	-7.62	-0.003003	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	40065	25RB#0	NV	40	-4.58	-0.001805	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	40065	25RB#0	NV	50	-13.22	-0.005210	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	40590	25RB#0	NV	-30	8.17	0.003154	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	40590	25RB#0	NV	-20	-3.72	-0.001436	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	40590	25RB#0	NV	-10	-8.23	-0.003178	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	40590	25RB#0	NV	0	-4.78	-0.001846	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	40590	25RB#0	NV	10	10.09	0.003896	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	40590	25RB#0	NV	20	-11.67	-0.004506	±2.5	PASS
Band41 (2535-2655)	5MHz	QPSK	40590	25RB#0	NV	30	-8.28	-0.003197	±2.5	PASS

2655)										
Band41 (2535- 2655)	5MHz	QPSK	40590	25RB#0	NV	40	6.32	0.002440	±2.5	PASS
Band41 (2535- 2655)	5MHz	QPSK	40590	25RB#0	NV	50	-3.88	-0.001498	±2.5	PASS
Band41 (2535- 2655)	5MHz	16QAM	40590	25RB#0	NV	-30	4.99	0.001927	±2.5	PASS
Band41 (2535- 2655)	5MHz	16QAM	40590	25RB#0	NV	-20	6.91	0.002668	±2.5	PASS
Band41 (2535- 2655)	5MHz	16QAM	40590	25RB#0	NV	-10	-6.61	-0.002552	±2.5	PASS
Band41 (2535- 2655)	5MHz	16QAM	40590	25RB#0	NV	0	-9.48	-0.003660	±2.5	PASS
Band41 (2535- 2655)	5MHz	16QAM	40590	25RB#0	NV	10	8.23	0.003178	±2.5	PASS
Band41 (2535- 2655)	5MHz	16QAM	40590	25RB#0	NV	20	-10.61	-0.004097	±2.5	PASS
Band41 (2535- 2655)	5MHz	16QAM	40590	25RB#0	NV	30	7.50	0.002896	±2.5	PASS
Band41 (2535- 2655)	5MHz	16QAM	40590	25RB#0	NV	40	9.76	0.003768	±2.5	PASS
Band41 (2535- 2655)	5MHz	16QAM	40590	25RB#0	NV	50	-6.91	-0.002668	±2.5	PASS
Band41 (2535- 2655)	5MHz	QPSK	41215	25RB#0	NV	-30	7.48	0.002820	±2.5	PASS
Band41 (2535- 2655)	5MHz	QPSK	41215	25RB#0	NV	-20	-3.89	-0.001467	±2.5	PASS
Band41 (2535- 2655)	5MHz	QPSK	41215	25RB#0	NV	-10	2.55	0.000961	±2.5	PASS
Band41 (2535- 2655)	5MHz	QPSK	41215	25RB#0	NV	0	-21.49	-0.008102	±2.5	PASS
Band41 (2535- 2655)	5MHz	QPSK	41215	25RB#0	NV	10	-14.83	-0.005591	±2.5	PASS
Band41 (2535- 2655)	5MHz	QPSK	41215	25RB#0	NV	20	-14.39	-0.005425	±2.5	PASS
Band41 (2535- 2655)	5MHz	QPSK	41215	25RB#0	NV	30	-14.33	-0.005402	±2.5	PASS
Band41 (2535- 2655)	5MHz	QPSK	41215	25RB#0	NV	40	-17.12	-0.006454	±2.5	PASS
Band41 (2535- 2655)	5MHz	QPSK	41215	25RB#0	NV	50	-27.69	-0.010439	±2.5	PASS

Band41 (2535-2655)	5MHz	16QAM	41215	25RB#0	NV	-30	-28.21	-0.010635	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	41215	25RB#0	NV	-20	-27.68	-0.010435	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	41215	25RB#0	NV	-10	-29.48	-0.011114	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	41215	25RB#0	NV	0	-15.61	-0.005885	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	41215	25RB#0	NV	10	-27.12	-0.010224	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	41215	25RB#0	NV	20	-29.84	-0.011250	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	41215	25RB#0	NV	30	-14.93	-0.005629	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	41215	25RB#0	NV	40	-19.00	-0.007163	±2.5	PASS
Band41 (2535-2655)	5MHz	16QAM	41215	25RB#0	NV	50	-28.64	-0.010797	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40090	50RB#0	NV	-30	-6.65	-0.002618	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40090	50RB#0	NV	-20	-7.88	-0.003102	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40090	50RB#0	NV	-10	-15.36	-0.006047	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40090	50RB#0	NV	0	6.54	0.002575	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40090	50RB#0	NV	10	7.11	0.002799	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40090	50RB#0	NV	20	-7.24	-0.002850	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40090	50RB#0	NV	30	2.70	0.001063	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40090	50RB#0	NV	40	-8.07	-0.003177	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40090	50RB#0	NV	50	6.64	0.002614	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	40090	50RB#0	NV	-30	6.04	0.002378	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	40090	50RB#0	NV	-20	-7.50	-0.002953	±2.5	PASS
Band41	10MHz	16QAM	40090	50RB#0	NV	-10	-13.66	-0.005378	±2.5	PASS

(2535-2655)										
Band41 (2535-2655)	10MHz	16QAM	40090	50RB#0	NV	0	11.57	0.004555	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	40090	50RB#0	NV	10	-4.48	-0.001764	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	40090	50RB#0	NV	20	8.40	0.003307	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	40090	50RB#0	NV	30	10.69	0.004209	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	40090	50RB#0	NV	40	-6.74	-0.002654	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	40090	50RB#0	NV	50	14.36	0.005654	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40590	50RB#0	NV	-30	-5.95	-0.002297	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40590	50RB#0	NV	-20	-10.60	-0.004093	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40590	50RB#0	NV	-10	3.79	0.001463	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40590	50RB#0	NV	0	-6.37	-0.002459	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40590	50RB#0	NV	10	1.93	0.000745	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40590	50RB#0	NV	20	4.58	0.001768	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40590	50RB#0	NV	30	4.89	0.001888	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40590	50RB#0	NV	40	-5.11	-0.001973	±2.5	PASS
Band41 (2535-2655)	10MHz	QPSK	40590	50RB#0	NV	50	4.59	0.001772	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	40590	50RB#0	NV	-30	-6.64	-0.002564	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	40590	50RB#0	NV	-20	6.61	0.002552	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	40590	50RB#0	NV	-10	-9.03	-0.003486	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	40590	50RB#0	NV	0	5.68	0.002193	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	40590	50RB#0	NV	10	-8.84	-0.003413	±2.5	PASS

2655)										
Band41 (2535- 2655)	10MHz	16QAM	40590	50RB#0	NV	20	-9.47	-0.003656	±2.5	PASS
Band41 (2535- 2655)	10MHz	16QAM	40590	50RB#0	NV	30	3.89	0.001502	±2.5	PASS
Band41 (2535- 2655)	10MHz	16QAM	40590	50RB#0	NV	40	-8.97	-0.003463	±2.5	PASS
Band41 (2535- 2655)	10MHz	16QAM	40590	50RB#0	NV	50	-4.29	-0.001656	±2.5	PASS
Band41 (2535- 2655)	10MHz	QPSK	41190	50RB#0	NV	-30	5.39	0.002034	±2.5	PASS
Band41 (2535- 2655)	10MHz	QPSK	41190	50RB#0	NV	-20	-15.56	-0.005872	±2.5	PASS
Band41 (2535- 2655)	10MHz	QPSK	41190	50RB#0	NV	-10	-4.84	-0.001826	±2.5	PASS
Band41 (2535- 2655)	10MHz	QPSK	41190	50RB#0	NV	0	-11.74	-0.004430	±2.5	PASS
Band41 (2535- 2655)	10MHz	QPSK	41190	50RB#0	NV	10	-9.27	-0.003498	±2.5	PASS
Band41 (2535- 2655)	10MHz	QPSK	41190	50RB#0	NV	20	3.92	0.001479	±2.5	PASS
Band41 (2535- 2655)	10MHz	QPSK	41190	50RB#0	NV	30	-5.87	-0.002215	±2.5	PASS
Band41 (2535- 2655)	10MHz	QPSK	41190	50RB#0	NV	40	3.06	0.001155	±2.5	PASS
Band41 (2535- 2655)	10MHz	QPSK	41190	50RB#0	NV	50	-15.36	-0.005796	±2.5	PASS
Band41 (2535- 2655)	10MHz	16QAM	41190	50RB#0	NV	-30	-10.49	-0.003958	±2.5	PASS
Band41 (2535- 2655)	10MHz	16QAM	41190	50RB#0	NV	-20	-8.53	-0.003219	±2.5	PASS
Band41 (2535- 2655)	10MHz	16QAM	41190	50RB#0	NV	-10	-7.90	-0.002981	±2.5	PASS
Band41 (2535- 2655)	10MHz	16QAM	41190	50RB#0	NV	0	-8.20	-0.003094	±2.5	PASS
Band41 (2535- 2655)	10MHz	16QAM	41190	50RB#0	NV	10	-14.00	-0.005283	±2.5	PASS
Band41 (2535- 2655)	10MHz	16QAM	41190	50RB#0	NV	20	-13.18	-0.004974	±2.5	PASS
Band41 (2535- 2655)	10MHz	16QAM	41190	50RB#0	NV	30	-12.85	-0.004849	±2.5	PASS

Band41 (2535-2655)	10MHz	16QAM	41190	50RB#0	NV	40	7.18	0.002709	±2.5	PASS
Band41 (2535-2655)	10MHz	16QAM	41190	50RB#0	NV	50	-12.02	-0.004536	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	40115	75RB#0	NV	-30	-12.26	-0.004822	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	40115	75RB#0	NV	-20	-8.14	-0.003202	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	40115	75RB#0	NV	-10	-6.38	-0.002509	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	40115	75RB#0	NV	0	4.08	0.001605	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	40115	75RB#0	NV	10	-13.06	-0.005137	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	40115	75RB#0	NV	20	5.98	0.002352	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	40115	75RB#0	NV	30	-8.41	-0.003308	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	40115	75RB#0	NV	40	-10.59	-0.004165	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	40115	75RB#0	NV	50	6.42	0.002525	±2.5	PASS
Band41 (2535-2655)	15MHz	16QAM	40115	75RB#0	NV	-30	5.11	0.002010	±2.5	PASS
Band41 (2535-2655)	15MHz	16QAM	40115	75RB#0	NV	-20	-6.54	-0.002572	±2.5	PASS
Band41 (2535-2655)	15MHz	16QAM	40115	75RB#0	NV	-10	-3.58	-0.001408	±2.5	PASS
Band41 (2535-2655)	15MHz	16QAM	40115	75RB#0	NV	0	5.79	0.002277	±2.5	PASS
Band41 (2535-2655)	15MHz	16QAM	40115	75RB#0	NV	10	3.12	0.001227	±2.5	PASS
Band41 (2535-2655)	15MHz	16QAM	40115	75RB#0	NV	20	4.71	0.001853	±2.5	PASS
Band41 (2535-2655)	15MHz	16QAM	40115	75RB#0	NV	30	-9.43	-0.003709	±2.5	PASS
Band41 (2535-2655)	15MHz	16QAM	40115	75RB#0	NV	40	5.82	0.002289	±2.5	PASS
Band41 (2535-2655)	15MHz	16QAM	40115	75RB#0	NV	50	-3.65	-0.001436	±2.5	PASS
Band41	15MHz	QPSK	40590	75RB#0	NV	-30	8.07	0.003116	±2.5	PASS

(2535-2655)										
Band41 (2535-2655)	15MHz	QPSK	40590	75RB#0	NV	-20	-13.49	-0.005208	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	40590	75RB#0	NV	-10	6.38	0.002463	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	40590	75RB#0	NV	0	11.53	0.004452	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	40590	75RB#0	NV	10	-14.53	-0.005610	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	40590	75RB#0	NV	20	-5.52	-0.002131	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	40590	75RB#0	NV	30	-16.15	-0.006236	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	40590	75RB#0	NV	40	-3.59	-0.001386	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	40590	75RB#0	NV	50	-9.48	-0.003660	±2.5	PASS
Band41 (2535-2655)	15MHz	16QAM	40590	75RB#0	NV	-30	-4.26	-0.001645	±2.5	PASS
Band41 (2535-2655)	15MHz	16QAM	40590	75RB#0	NV	-20	-10.67	-0.004120	±2.5	PASS
Band41 (2535-2655)	15MHz	16QAM	40590	75RB#0	NV	-10	-13.33	-0.005147	±2.5	PASS
Band41 (2535-2655)	15MHz	16QAM	40590	75RB#0	NV	0	-11.34	-0.004378	±2.5	PASS
Band41 (2535-2655)	15MHz	16QAM	40590	75RB#0	NV	10	-7.91	-0.003054	±2.5	PASS
Band41 (2535-2655)	15MHz	16QAM	40590	75RB#0	NV	20	-5.84	-0.002255	±2.5	PASS
Band41 (2535-2655)	15MHz	16QAM	40590	75RB#0	NV	30	-11.22	-0.004332	±2.5	PASS
Band41 (2535-2655)	15MHz	16QAM	40590	75RB#0	NV	40	-7.54	-0.002911	±2.5	PASS
Band41 (2535-2655)	15MHz	16QAM	40590	75RB#0	NV	50	-4.12	-0.001591	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	41165	75RB#0	NV	-30	-9.94	-0.003754	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	41165	75RB#0	NV	-20	6.32	0.002387	±2.5	PASS
Band41 (2535-2655)	15MHz	QPSK	41165	75RB#0	NV	-10	-6.22	-0.002349	±2.5	PASS

2655)										
Band41 (2535- 2655)	15MHz	QPSK	41165	75RB#0	NV	0	-8.70	-0.003286	±2.5	PASS
Band41 (2535- 2655)	15MHz	QPSK	41165	75RB#0	NV	10	-6.55	-0.002474	±2.5	PASS
Band41 (2535- 2655)	15MHz	QPSK	41165	75RB#0	NV	20	8.48	0.003203	±2.5	PASS
Band41 (2535- 2655)	15MHz	QPSK	41165	75RB#0	NV	30	-9.57	-0.003615	±2.5	PASS
Band41 (2535- 2655)	15MHz	QPSK	41165	75RB#0	NV	40	7.54	0.002848	±2.5	PASS
Band41 (2535- 2655)	15MHz	QPSK	41165	75RB#0	NV	50	7.60	0.002871	±2.5	PASS
Band41 (2535- 2655)	15MHz	16QAM	41165	75RB#0	NV	-30	-11.84	-0.004472	±2.5	PASS
Band41 (2535- 2655)	15MHz	16QAM	41165	75RB#0	NV	-20	6.35	0.002398	±2.5	PASS
Band41 (2535- 2655)	15MHz	16QAM	41165	75RB#0	NV	-10	2.76	0.001042	±2.5	PASS
Band41 (2535- 2655)	15MHz	16QAM	41165	75RB#0	NV	0	-10.74	-0.004057	±2.5	PASS
Band41 (2535- 2655)	15MHz	16QAM	41165	75RB#0	NV	10	5.76	0.002176	±2.5	PASS
Band41 (2535- 2655)	15MHz	16QAM	41165	75RB#0	NV	20	-9.81	-0.003705	±2.5	PASS
Band41 (2535- 2655)	15MHz	16QAM	41165	75RB#0	NV	30	-5.87	-0.002217	±2.5	PASS
Band41 (2535- 2655)	15MHz	16QAM	41165	75RB#0	NV	40	3.56	0.001345	±2.5	PASS
Band41 (2535- 2655)	15MHz	16QAM	41165	75RB#0	NV	50	-2.55	-0.000963	±2.5	PASS
Band41 (2535- 2655)	20MHz	QPSK	40140	100RB#0	NV	-30	-10.11	-0.003972	±2.5	PASS
Band41 (2535- 2655)	20MHz	QPSK	40140	100RB#0	NV	-20	-6.25	-0.002456	±2.5	PASS
Band41 (2535- 2655)	20MHz	QPSK	40140	100RB#0	NV	-10	-7.50	-0.002947	±2.5	PASS
Band41 (2535- 2655)	20MHz	QPSK	40140	100RB#0	NV	0	-4.35	-0.001709	±2.5	PASS
Band41 (2535- 2655)	20MHz	QPSK	40140	100RB#0	NV	10	-11.07	-0.004350	±2.5	PASS

Band41 (2535-2655)	20MHz	QPSK	40140	100RB#0	NV	20	4.05	0.001591	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	40140	100RB#0	NV	30	10.03	0.003941	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	40140	100RB#0	NV	40	-12.22	-0.004802	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	40140	100RB#0	NV	50	-7.81	-0.003069	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40140	100RB#0	NV	-30	-9.00	-0.003536	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40140	100RB#0	NV	-20	4.95	0.001945	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40140	100RB#0	NV	-10	-6.62	-0.002601	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40140	100RB#0	NV	0	5.31	0.002086	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40140	100RB#0	NV	10	-5.68	-0.002232	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40140	100RB#0	NV	20	-10.16	-0.003992	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40140	100RB#0	NV	30	-6.39	-0.002511	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40140	100RB#0	NV	40	-11.01	-0.004326	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40140	100RB#0	NV	50	-9.07	-0.003564	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	40590	100RB#0	NV	-30	-12.13	-0.004683	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	40590	100RB#0	NV	-20	-6.61	-0.002552	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	40590	100RB#0	NV	-10	-6.61	-0.002552	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	40590	100RB#0	NV	0	-9.97	-0.003849	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	40590	100RB#0	NV	10	5.78	0.002232	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	40590	100RB#0	NV	20	-4.55	-0.001757	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	40590	100RB#0	NV	30	-10.04	-0.003876	±2.5	PASS
Band41	20MHz	QPSK	40590	100RB#0	NV	40	-7.70	-0.002973	±2.5	PASS

(2535-2655)										
Band41 (2535-2655)	20MHz	QPSK	40590	100RB#0	NV	50	-10.03	-0.003873	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40590	100RB#0	NV	-30	-9.68	-0.003737	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40590	100RB#0	NV	-20	-9.66	-0.003730	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40590	100RB#0	NV	-10	13.12	0.005066	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40590	100RB#0	NV	0	-8.58	-0.003313	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40590	100RB#0	NV	10	-9.63	-0.003718	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40590	100RB#0	NV	20	-4.28	-0.001653	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40590	100RB#0	NV	30	10.43	0.004027	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40590	100RB#0	NV	40	-10.67	-0.004120	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	40590	100RB#0	NV	50	-8.25	-0.003185	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	41140	100RB#0	NV	-30	-13.90	-0.005255	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	41140	100RB#0	NV	-20	-4.86	-0.001837	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	41140	100RB#0	NV	-10	-12.10	-0.004575	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	41140	100RB#0	NV	0	6.98	0.002639	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	41140	100RB#0	NV	10	9.03	0.003414	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	41140	100RB#0	NV	20	-5.12	-0.001936	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	41140	100RB#0	NV	30	-9.20	-0.003478	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	41140	100RB#0	NV	40	-6.37	-0.002408	±2.5	PASS
Band41 (2535-2655)	20MHz	QPSK	41140	100RB#0	NV	50	-15.61	-0.005902	±2.5	PASS
Band41 (2535-2655)	20MHz	16QAM	41140	100RB#0	NV	-30	7.47	0.002824	±2.5	PASS

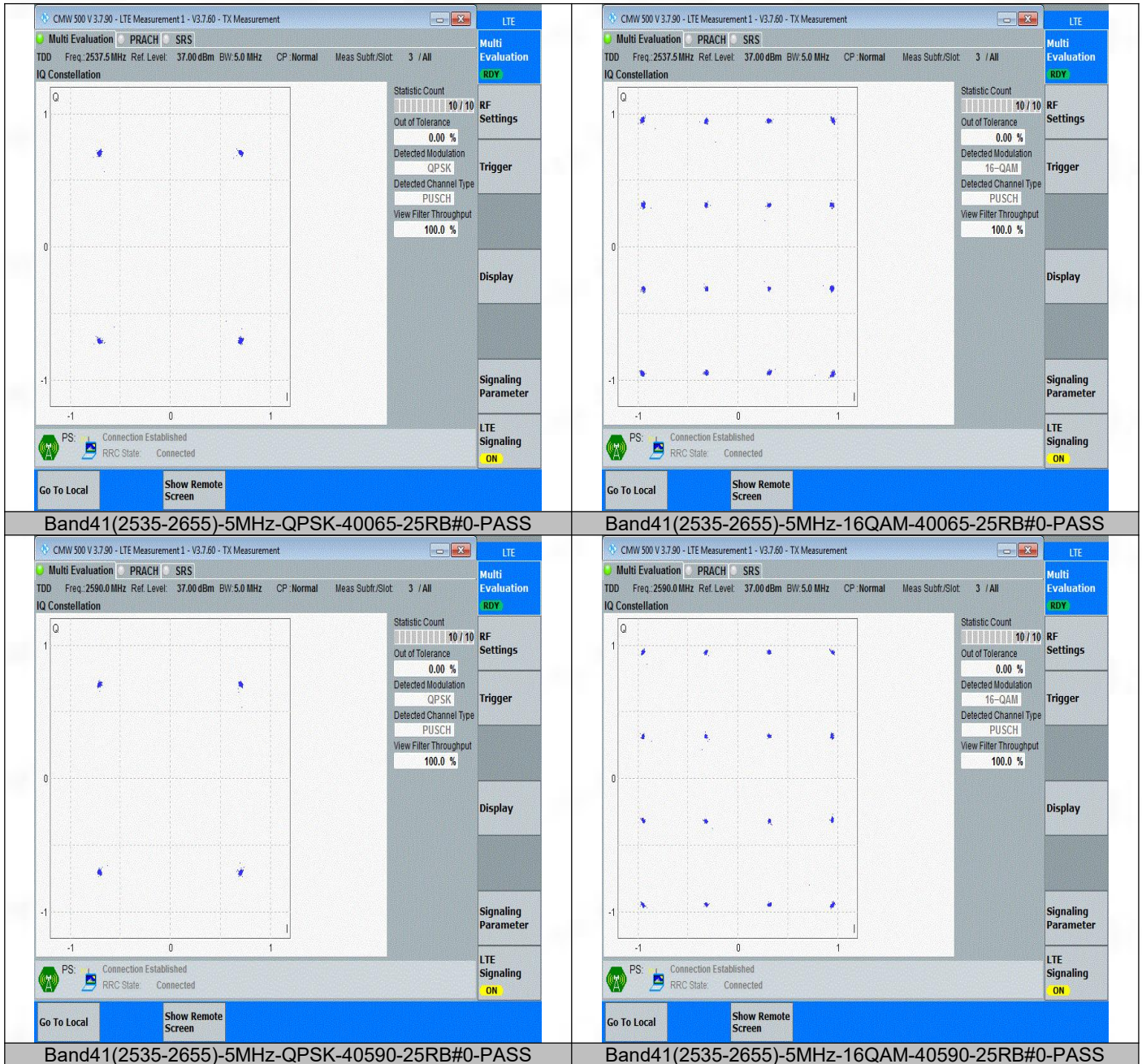
2655)										
Band41 (2535- 2655)	20MHz	16QAM	41140	100RB#0	NV	-20	-11.07	-0.004185	±2.5	PASS
Band41 (2535- 2655)	20MHz	16QAM	41140	100RB#0	NV	-10	-8.21	-0.003104	±2.5	PASS
Band41 (2535- 2655)	20MHz	16QAM	41140	100RB#0	NV	0	-8.83	-0.003338	±2.5	PASS
Band41 (2535- 2655)	20MHz	16QAM	41140	100RB#0	NV	10	-4.48	-0.001694	±2.5	PASS
Band41 (2535- 2655)	20MHz	16QAM	41140	100RB#0	NV	20	6.97	0.002635	±2.5	PASS
Band41 (2535- 2655)	20MHz	16QAM	41140	100RB#0	NV	30	-6.45	-0.002439	±2.5	PASS
Band41 (2535- 2655)	20MHz	16QAM	41140	100RB#0	NV	40	-12.85	-0.004858	±2.5	PASS
Band41 (2535- 2655)	20MHz	16QAM	41140	100RB#0	NV	50	-12.29	-0.004647	±2.5	PASS

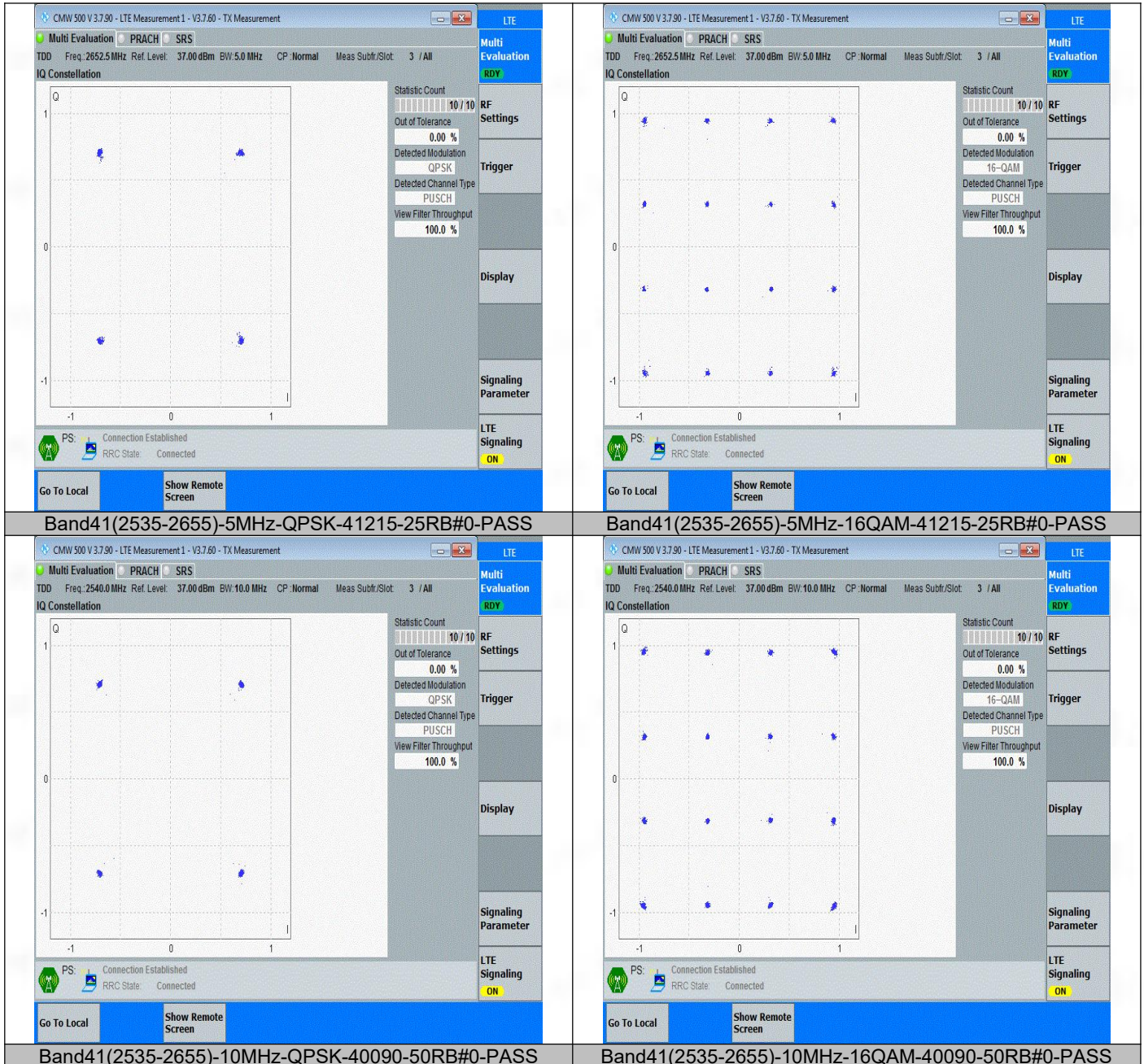
1.7 Appendix G: Modulation Characteristics

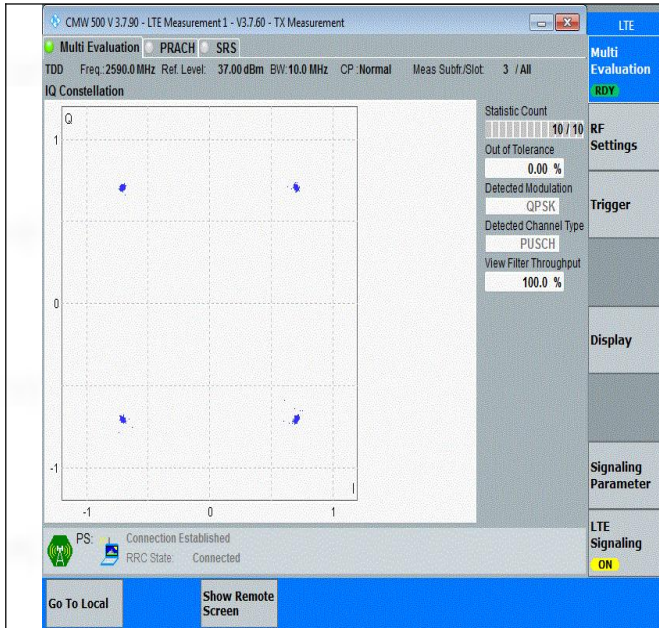
1.7.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	PASS

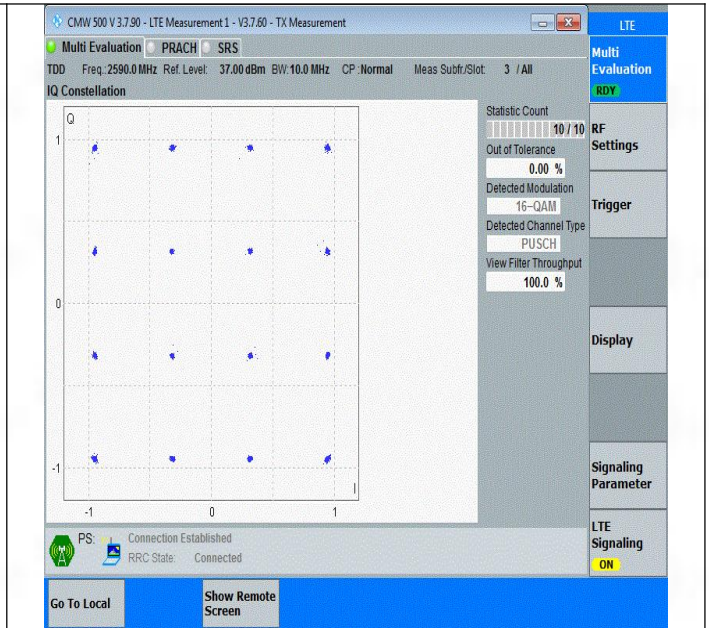
1.7.2 Test Graphs



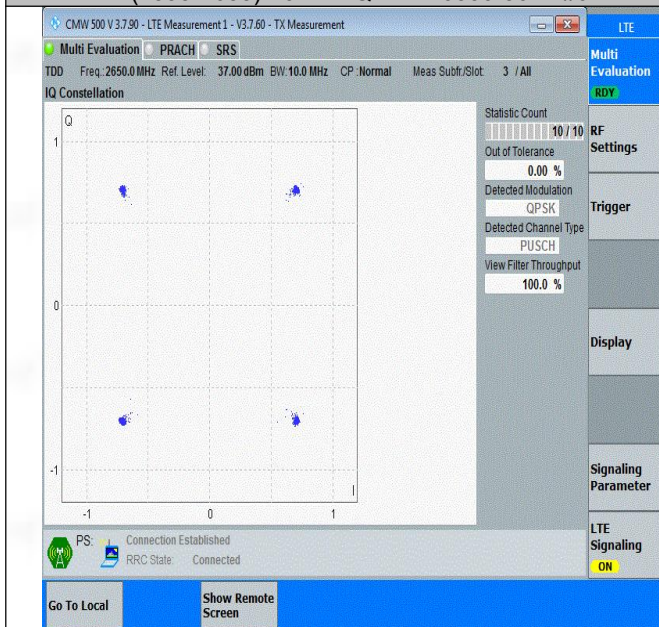




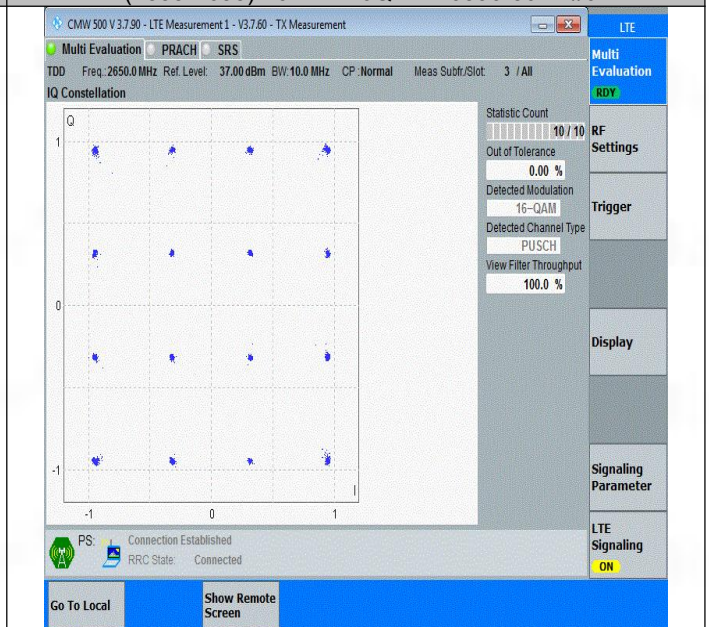
Band41(2535-2655)-10MHz-QPSK-40590-50RB#0-PASS



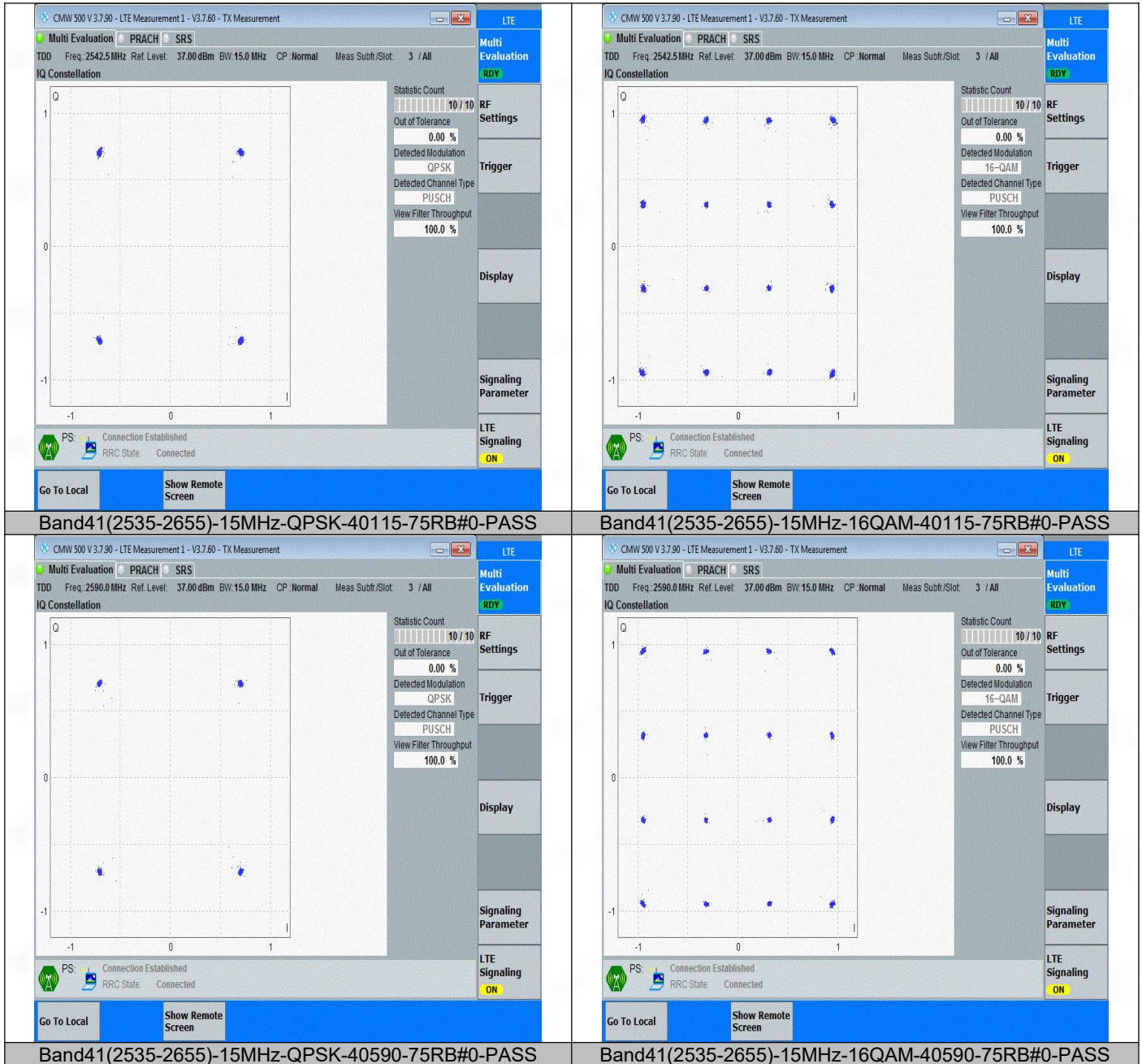
Band41(2535-2655)-10MHz-16QAM-40590-50RB#0-PASS

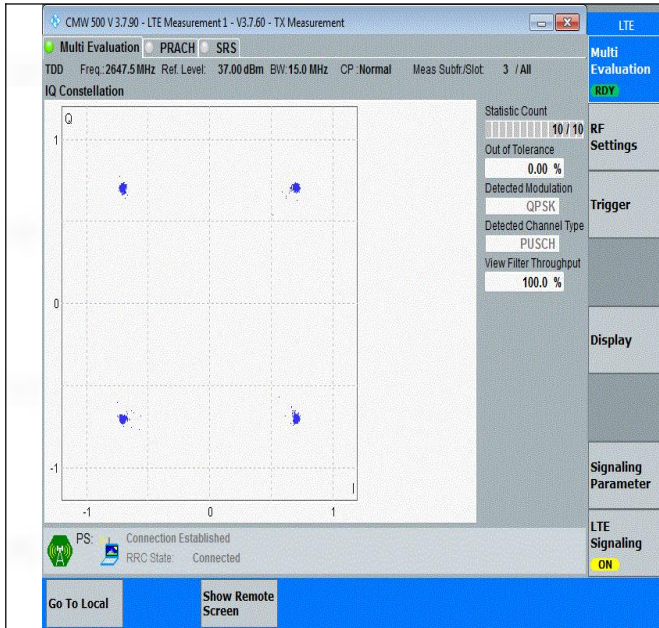


Band41(2535-2655)-10MHz-QPSK-41190-50RB#0-PASS

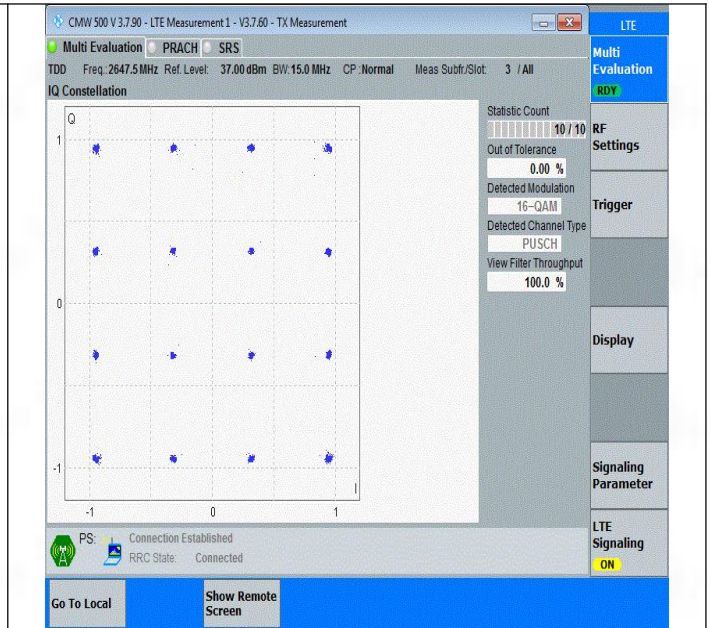


Band41(2535-2655)-10MHz-16QAM-41190-50RB#0-PASS

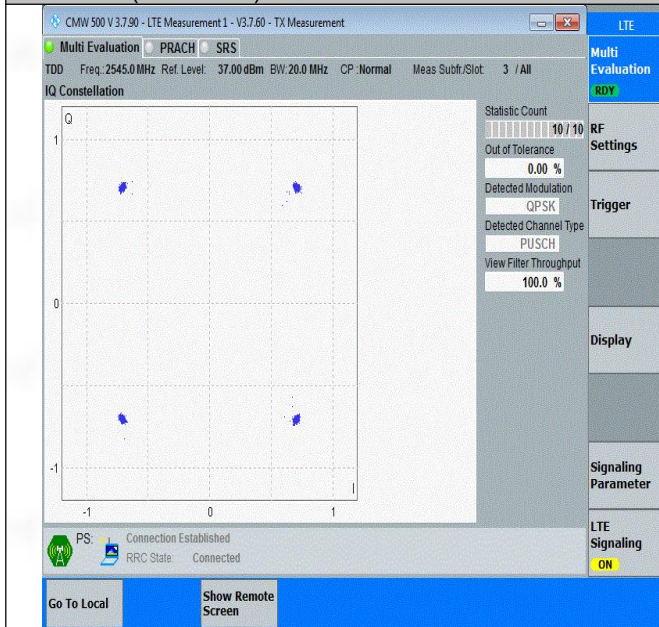




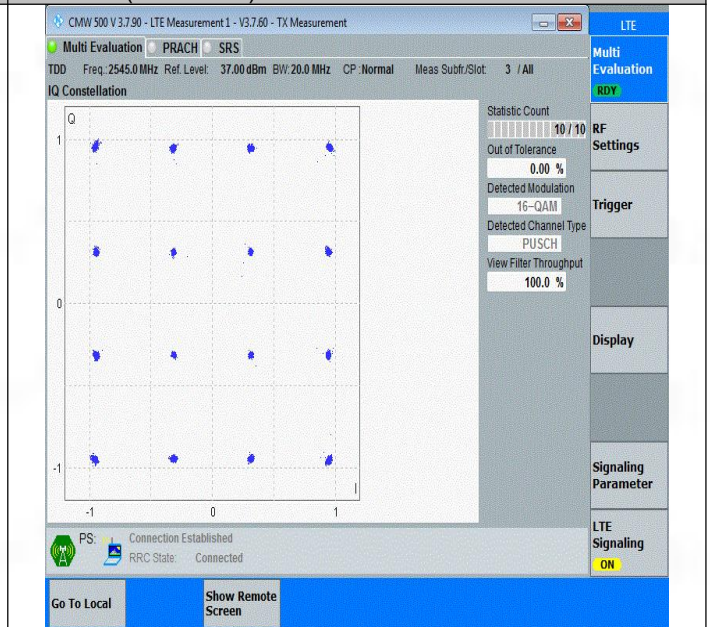
Band41(2535-2655)-15MHz-QPSK-41165-75RB#0-PASS



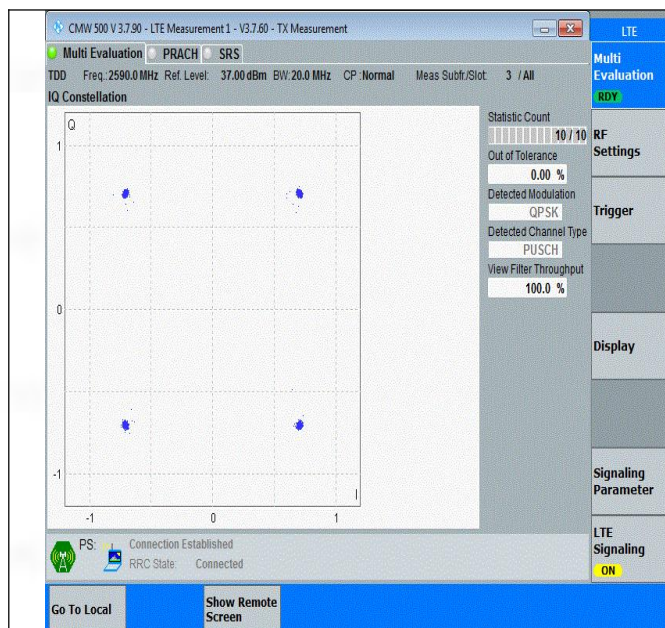
Band41(2535-2655)-15MHz-16QAM-41165-75RB#0-PASS



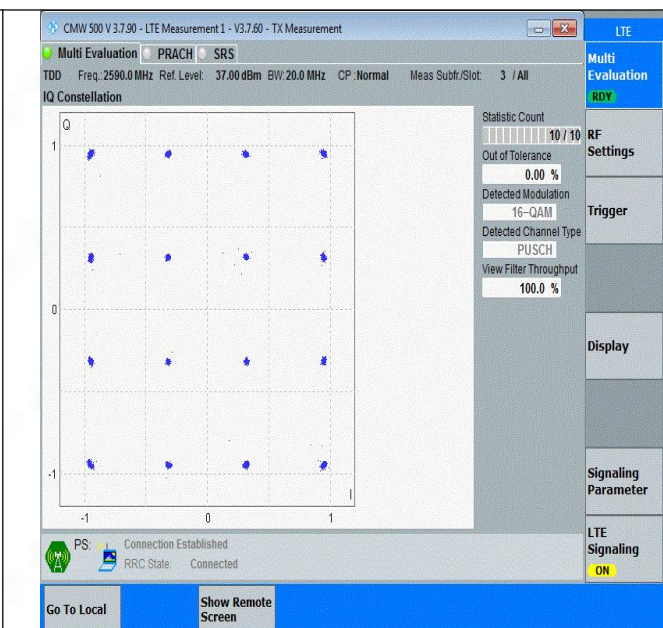
Band41(2535-2655)-20MHz-QPSK-40140-100RB#0-PASS



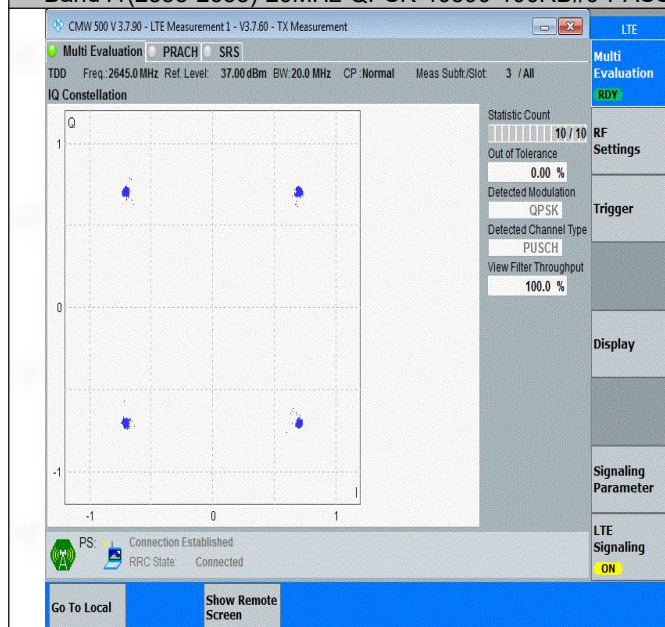
Band41(2535-2655)-20MHz-16QAM-40140-100RB#0-PASS



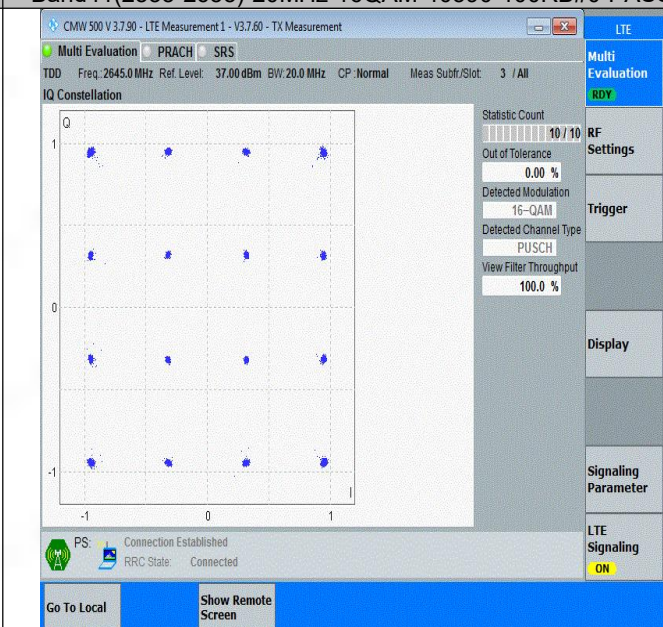
Band41(2535-2655)-20MHz-QPSK-40590-100RB#0-PASS



Band41(2535-2655)-20MHz-16QAM-40590-100RB#0-PASS



Band41(2535-2655)-20MHz-QPSK-41140-100RB#0-PASS



Band41(2535-2655)-20MHz-16QAM-41140-100RB#0-PASS