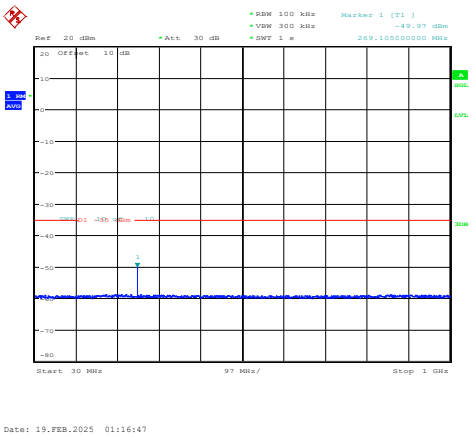
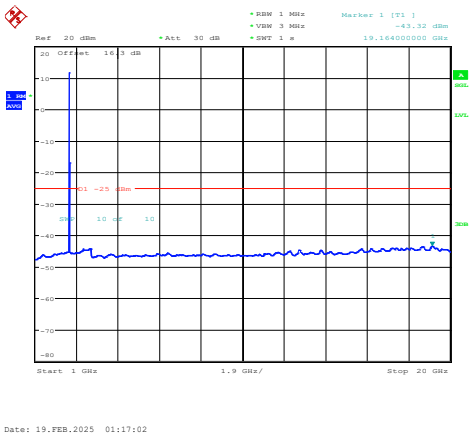
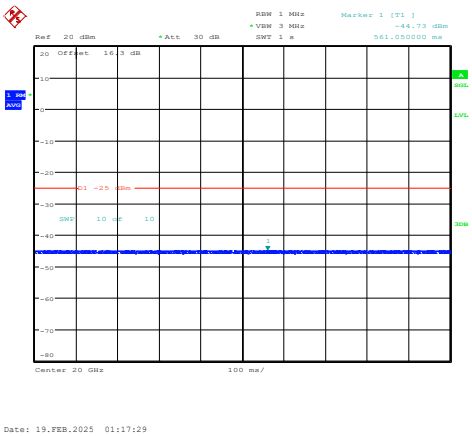


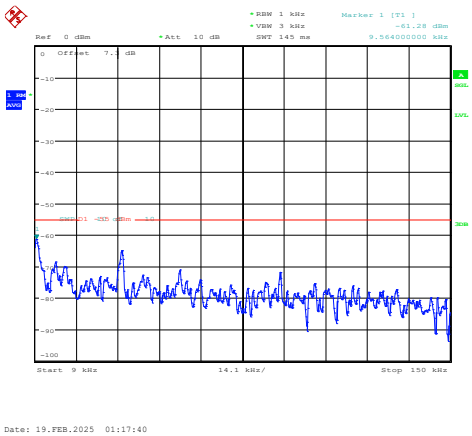
Band41(2535-2655)-15MHz-QPSK-40590-1RB#0-30~1000-PASS



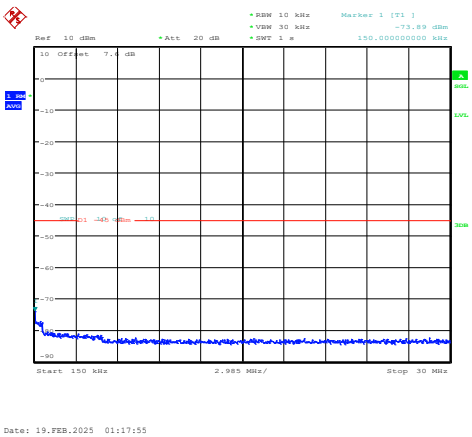
Band41(2535-2655)-15MHz-QPSK-40590-1RB#0-1000~20000-PASS



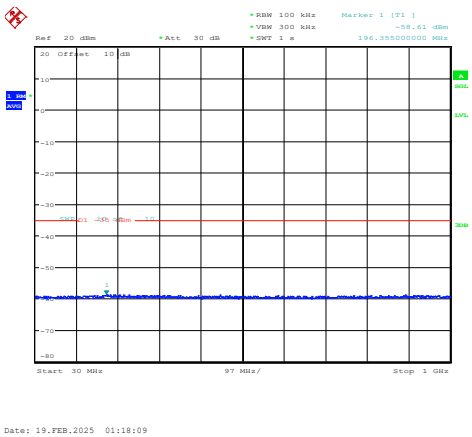
Band41(2535-2655)-15MHz-QPSK-40590-1RB#0-20000~27000-PASS



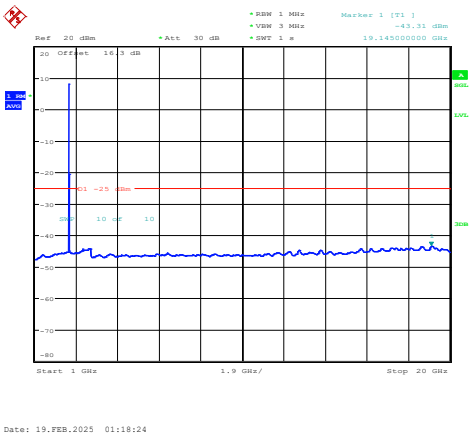
Band41(2535-2655)-15MHz-16QAM-40590-1RB#0-0.009~0.15-PASS



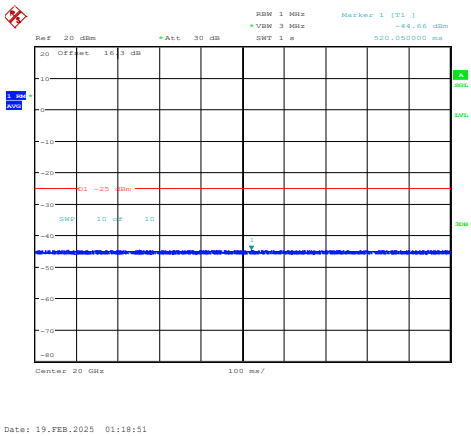
Band41(2535-2655)-15MHz-16QAM-40590-1RB#0-0.15~30-PASS



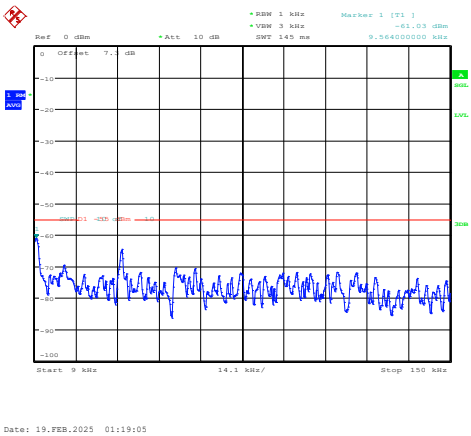
Band41(2535-2655)-15MHz-16QAM-40590-1RB#0-30~1000-PASS



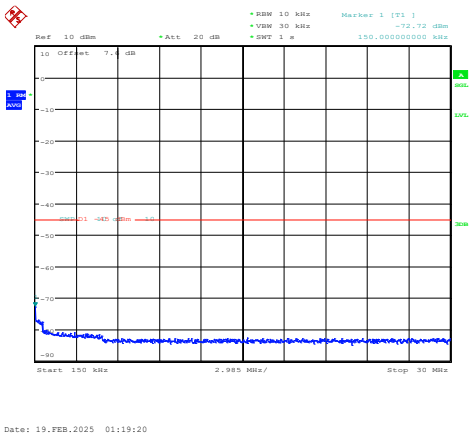
Band41(2535-2655)-15MHz-16QAM-40590-1RB#0-1000~20000-PASS



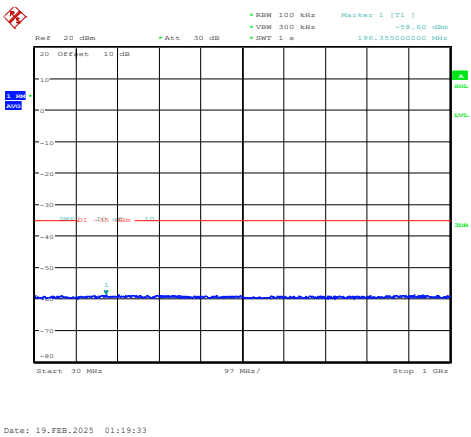
Band41(2535-2655)-15MHz-16QAM-40590-1RB#0-20000~27000-PASS



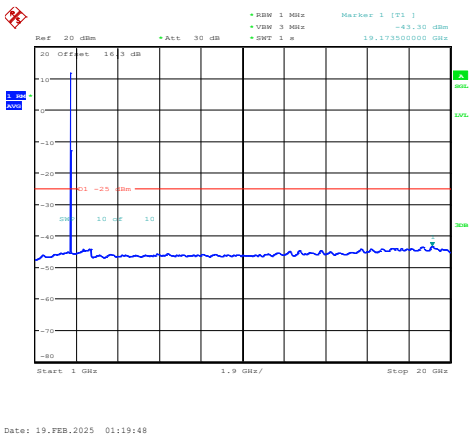
Band41(2535-2655)-15MHz-QPSK-41165-1RB#0-0.009~0.15-PASS



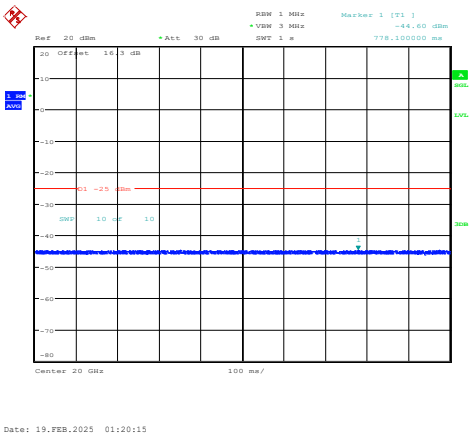
Band41(2535-2655)-15MHz-QPSK-41165-1RB#0-0.15~30-PASS



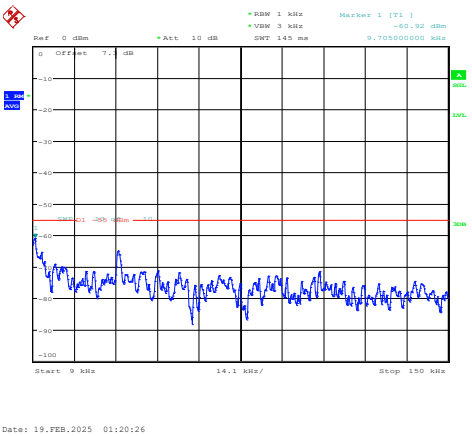
Band41(2535-2655)-15MHz-QPSK-41165-1RB#0-30~1000-PASS



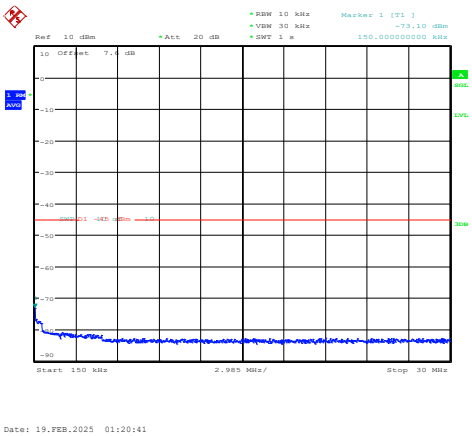
Band41(2535-2655)-15MHz-QPSK-41165-1RB#0-1000~20000-PASS



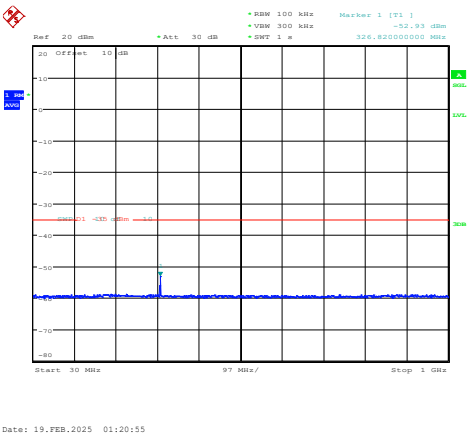
Band41(2535-2655)-15MHz-QPSK-41165-1RB#0-20000~27000-PASS



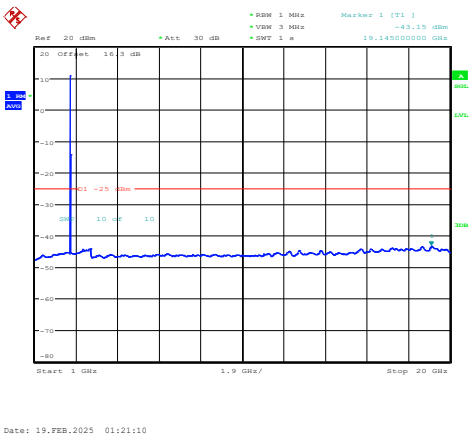
Band41(2535-2655)-15MHz-16QAM-41165-1RB#0-0.009~0.15-PASS



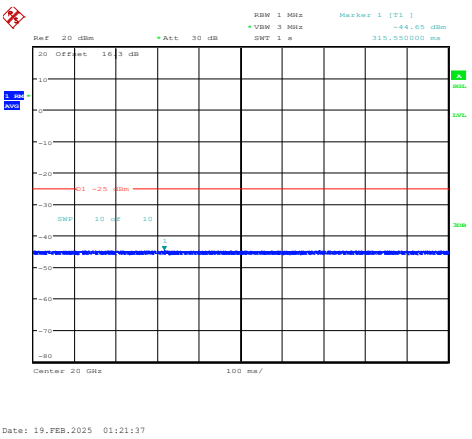
Band41(2535-2655)-15MHz-16QAM-41165-1RB#0-0.15~30-PASS



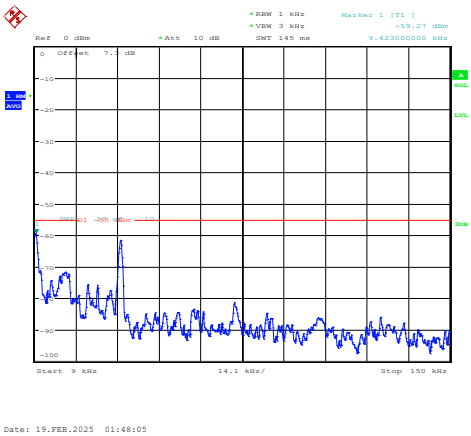
Band41(2535-2655)-15MHz-16QAM-41165-1RB#0-30~1000-PASS



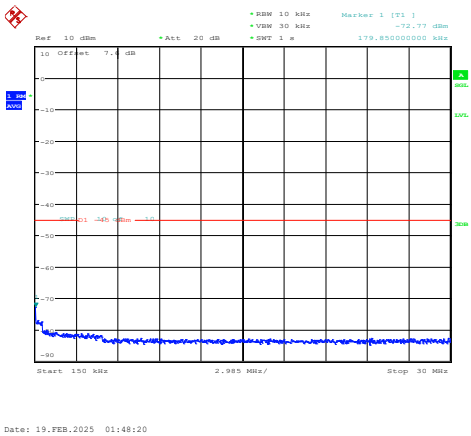
Band41(2535-2655)-15MHz-16QAM-41165-1RB#0-1000~20000-PASS



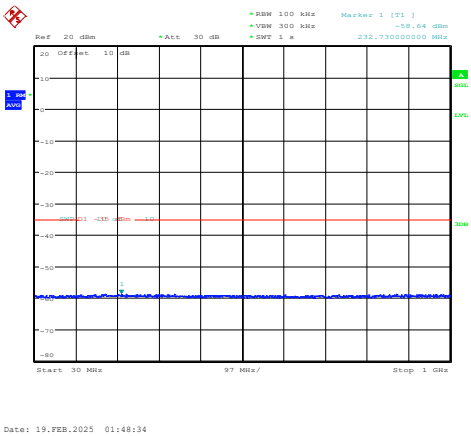
Band41(2535-2655)-15MHz-16QAM-41165-1RB#0-20000~27000-PASS



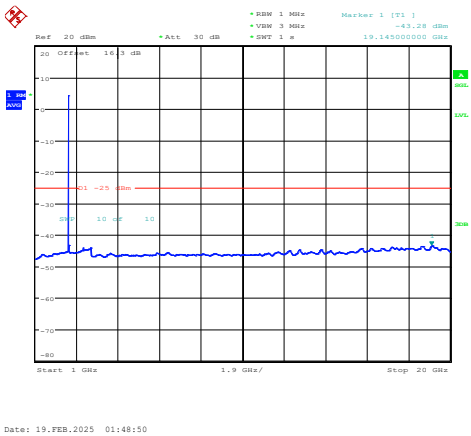
Band41(2535-2655)-20MHz-QPSK-40140-1RB#0-0.009~0.15-PASS



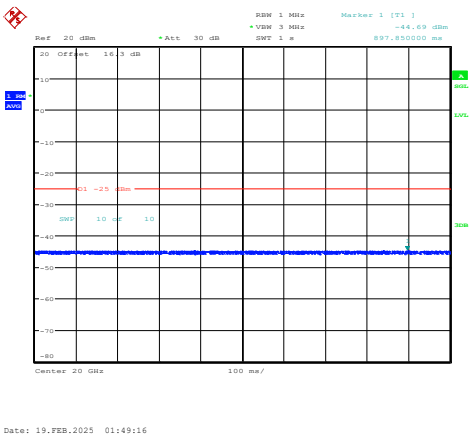
Band41(2535-2655)-20MHz-QPSK-40140-1RB#0-0.15~30-PASS



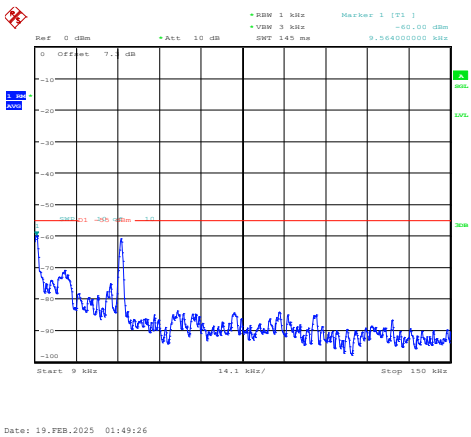
Band41(2535-2655)-20MHz-QPSK-40140-1RB#0-30~1000-PASS



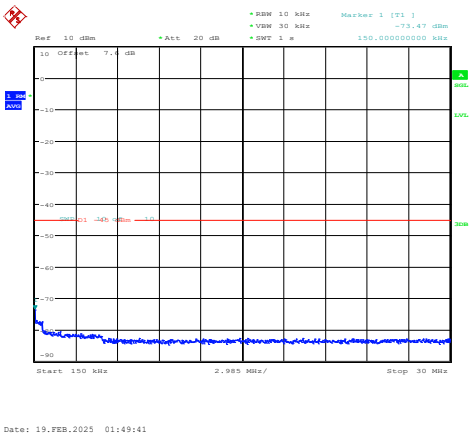
Band41(2535-2655)-20MHz-QPSK-40140-1RB#0-1000~20000-PASS



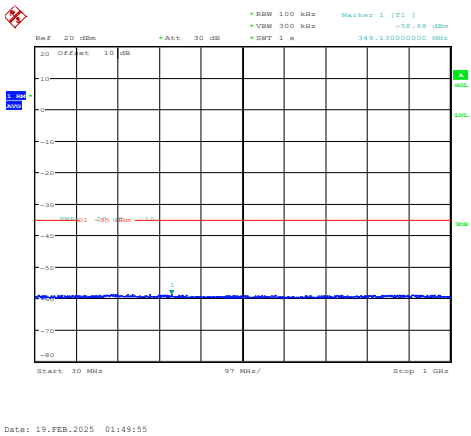
Band41(2535-2655)-20MHz-QPSK-40140-1RB#0-20000~27000-PASS



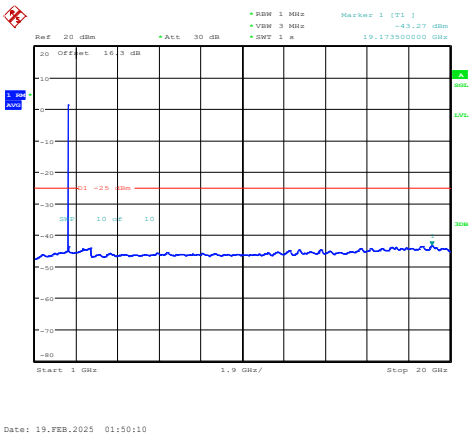
Band41(2535-2655)-20MHz-16QAM-40140-1RB#0-0.009~0.15-PASS



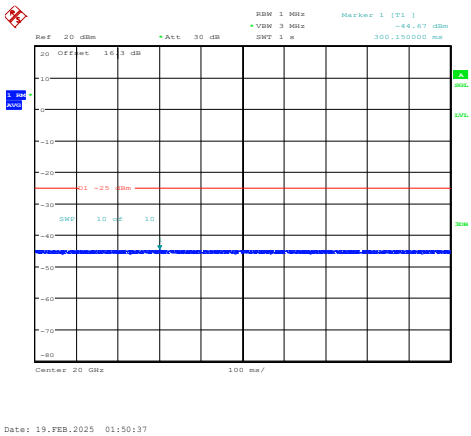
Band41(2535-2655)-20MHz-16QAM-40140-1RB#0-0.15~30-PASS



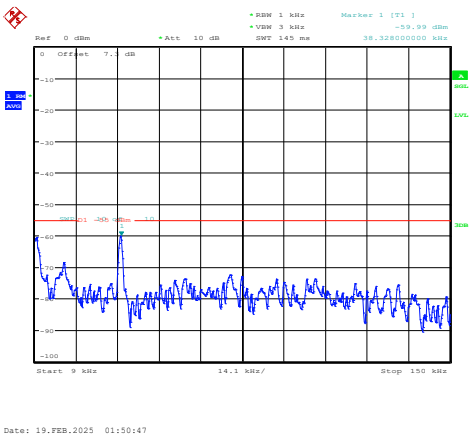
Band41(2535-2655)-20MHz-16QAM-40140-1RB#0-30~1000-PASS



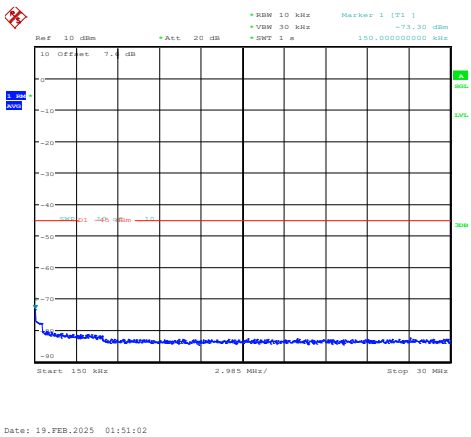
Band41(2535-2655)-20MHz-16QAM-40140-1RB#0-1000~20000-PASS



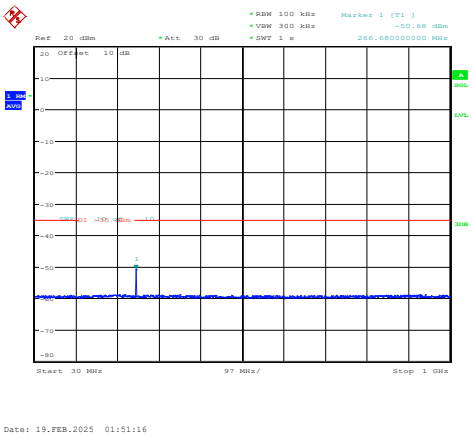
Band41(2535-2655)-20MHz-16QAM-40140-1RB#0-20000~27000-PASS



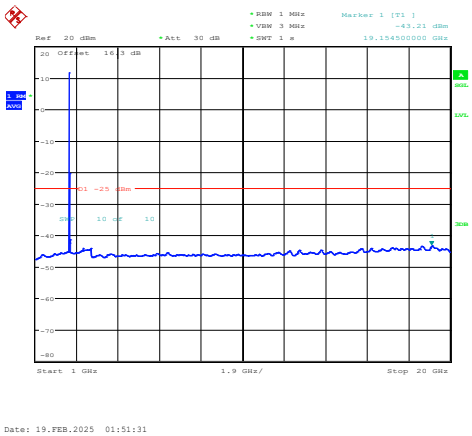
Band41(2535-2655)-20MHz-QPSK-40590-1RB#0-0.009~0.15-PASS



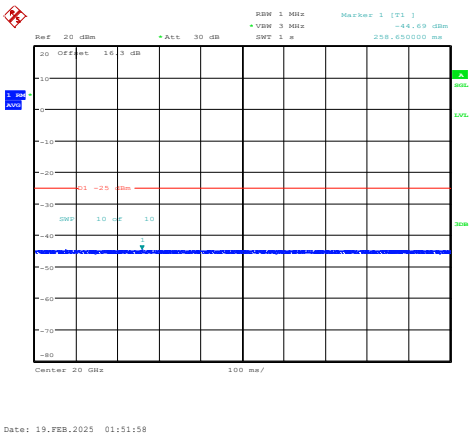
Band41(2535-2655)-20MHz-QPSK-40590-1RB#0-0.15~30-PASS



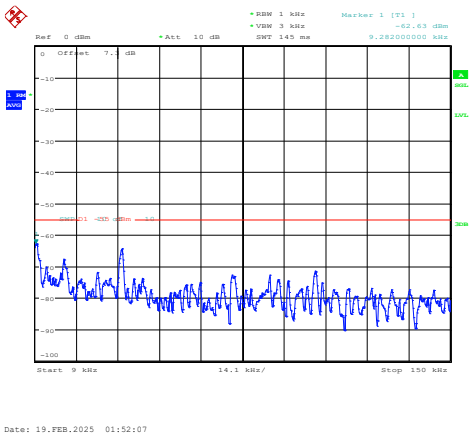
Band41(2535-2655)-20MHz-QPSK-40590-1RB#0-30~1000-PASS



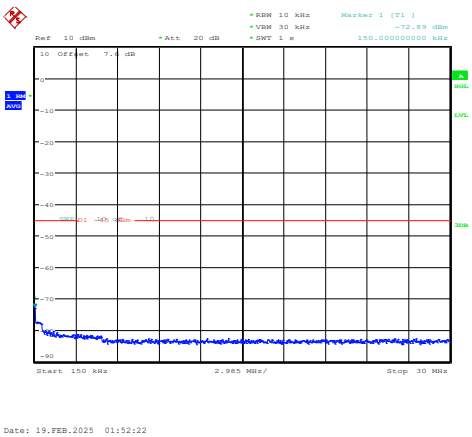
Band41(2535-2655)-20MHz-QPSK-40590-1RB#0-1000~20000-PASS



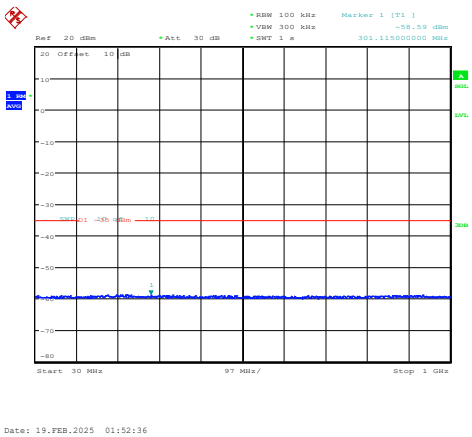
Band41(2535-2655)-20MHz-QPSK-40590-1RB#0-20000~27000-PASS



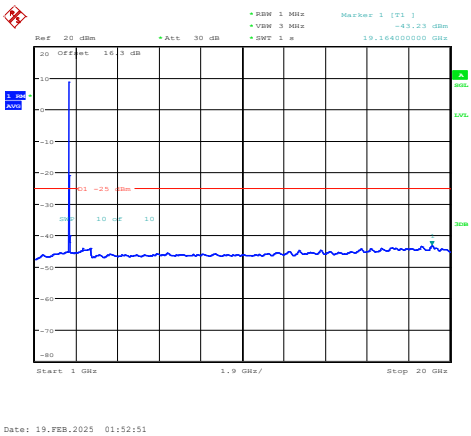
Band41(2535-2655)-20MHz-16QAM-40590-1RB#0-0.009~0.15-PASS



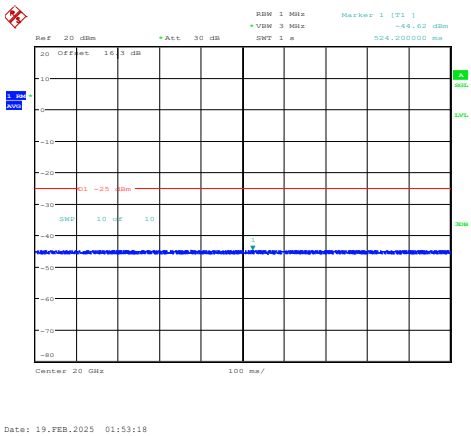
Band41(2535-2655)-20MHz-16QAM-40590-1RB#0-0.15~30-PASS



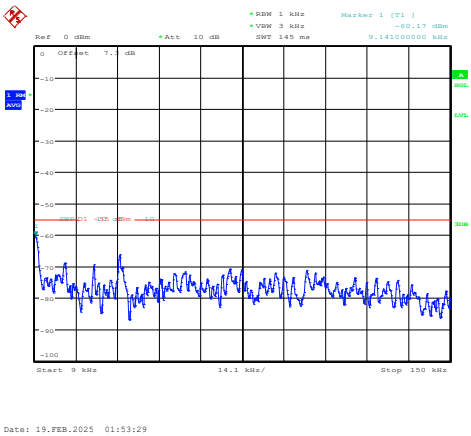
Band41(2535-2655)-20MHz-16QAM-40590-1RB#0-30~1000-PASS



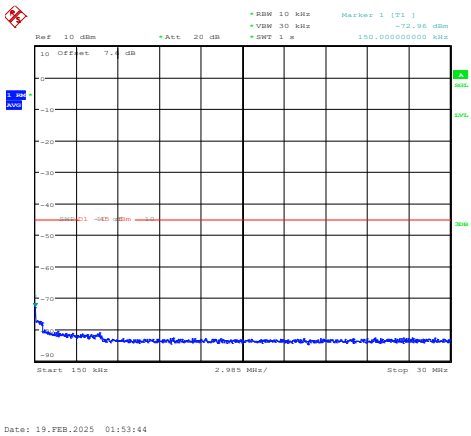
Band41(2535-2655)-20MHz-16QAM-40590-1RB#0-1000~20000-PASS



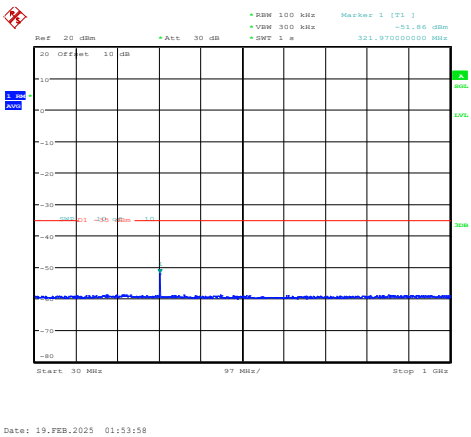
Band41(2535-2655)-20MHz-16QAM-40590-1RB#0-20000~27000-PASS



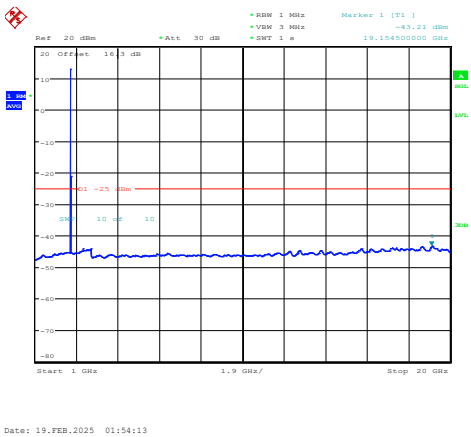
Band41(2535-2655)-20MHz-QPSK-41140-1RB#0-0.009~0.15-PASS



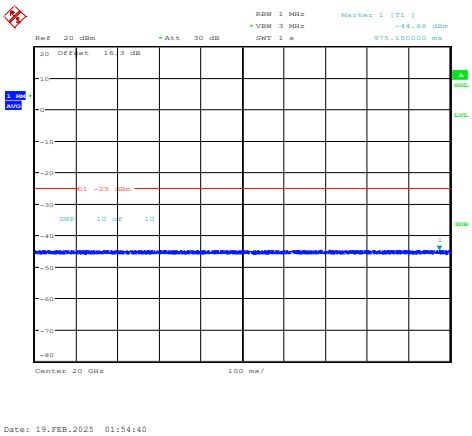
Band41(2535-2655)-20MHz-QPSK-41140-1RB#0-0.15~30-PASS



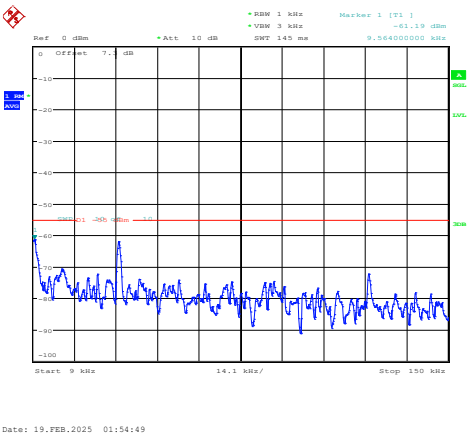
Band41(2535-2655)-20MHz-QPSK-41140-1RB#0-30~1000-PASS



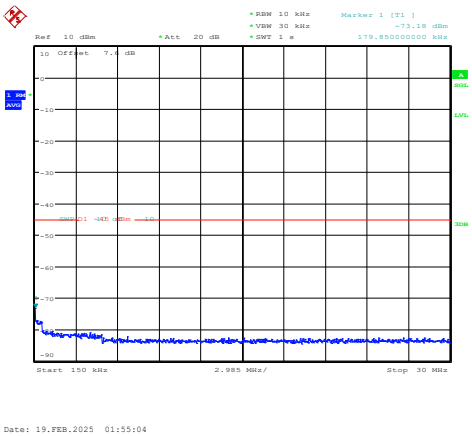
Band41(2535-2655)-20MHz-QPSK-41140-1RB#0-1000~20000-PASS



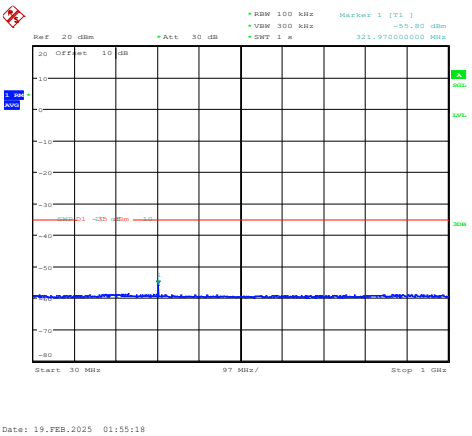
Band41(2535-2655)-20MHz-QPSK-41140-1RB#0-20000~27000-PASS



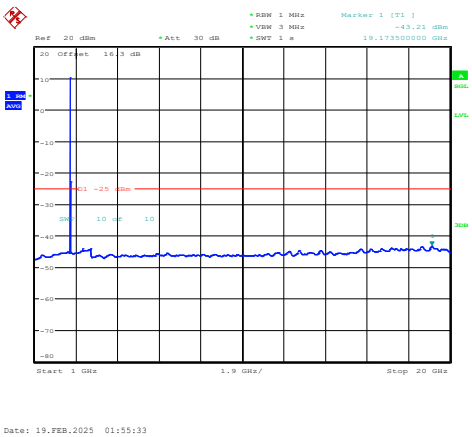
Band41(2535-2655)-20MHz-16QAM-41140-1RB#0-0.009~0.15-PASS



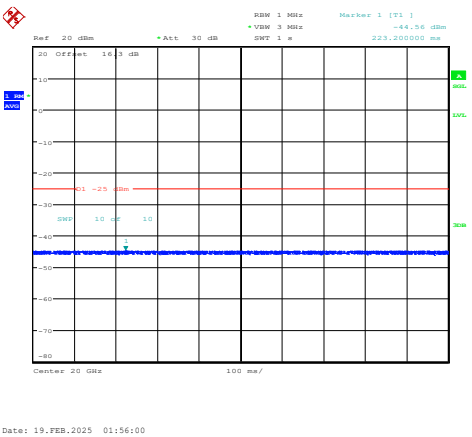
Band41(2535-2655)-20MHz-16QAM-41140-1RB#0-0.15~30-PASS



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

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	VN	NT	-45.40	-0.017892	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	VL	NT	-33.13	-0.013056	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	VH	NT	-22.30	-0.008788	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	VN	NT	-3.63	-0.001431	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	VL	NT	4.16	0.001639	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	VH	NT	12.20	0.004808	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	VN	NT	-17.70	-0.006834	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	VL	NT	-5.16	-0.001992	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	VH	NT	11.93	0.004606	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	VN	NT	39.22	0.015143	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	VL	NT	43.22	0.016687	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	VH	NT	38.31	0.014792	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	VN	NT	4.75	0.001791	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	VL	NT	-29.84	-0.011250	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	VH	NT	-30.18	-0.011378	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	VN	NT	-37.67	-0.014202	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	VL	NT	-35.39	-0.013342	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	VH	NT	-45.09	-0.016999	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	VN	NT	-4.12	-0.001622	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	VL	NT	-5.21	-0.002051	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	VH	NT	-3.86	-0.001520	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	VN	NT	1.80	0.000709	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	VL	NT	-5.29	-0.002083	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	VH	NT	-10.23	-0.004028	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	VN	NT	-9.94	-0.003838	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	VL	NT	-3.93	-0.001517	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	VH	NT	3.55	0.001371	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	VN	NT	-7.48	-0.002888	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	VL	NT	-6.71	-0.002591	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	VH	NT	-10.50	-0.004054	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	VN	NT	-6.84	-0.002581	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	VL	NT	-6.81	-0.002570	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	VH	NT	-9.41	-0.003551	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	VN	NT	-7.70	-0.002906	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	VL	NT	-6.71	-0.002532	±2.5	PASS

Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	VH	NT	3.82	0.001442	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	VN	NT	-5.29	-0.002081	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	VL	NT	2.49	0.000979	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	VH	NT	-6.74	-0.002651	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	VN	NT	-8.35	-0.003284	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	VL	NT	-6.65	-0.002616	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	VH	NT	-7.93	-0.003119	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	VN	NT	-11.42	-0.004409	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	VL	NT	5.35	0.002066	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	VH	NT	5.52	0.002131	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	VN	NT	-10.10	-0.003900	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	VL	NT	-7.44	-0.002873	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	VH	NT	-11.72	-0.004525	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	VN	NT	-15.31	-0.005783	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	VL	NT	-12.82	-0.004842	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	VH	NT	-5.78	-0.002183	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	VN	NT	-10.54	-0.003981	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	VL	NT	-9.34	-0.003528	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	VH	NT	-8.71	-0.003290	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	VN	NT	-10.36	-0.004071	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	VL	NT	-6.64	-0.002609	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	VH	NT	6.91	0.002715	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	VN	NT	2.82	0.001108	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	VL	NT	-6.62	-0.002601	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	VH	NT	-9.50	-0.003733	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	VN	NT	11.97	0.004622	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	VL	NT	-7.65	-0.002954	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	VH	NT	-9.13	-0.003525	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	VN	NT	-7.24	-0.002795	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	VL	NT	-5.52	-0.002131	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	VH	NT	-6.62	-0.002556	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	VN	NT	4.78	0.001807	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	VL	NT	-7.24	-0.002737	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	VH	NT	-6.08	-0.002299	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	VN	NT	-6.59	-0.002491	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	VL	NT	-7.65	-0.002892	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	VH	NT	5.12	0.001936	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict

Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	NV	-30	-20.64	-0.008134	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	NV	-20	-15.91	-0.006270	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	NV	-10	-15.02	-0.005919	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	NV	0	-11.22	-0.004422	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	NV	10	-11.99	-0.004725	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	NV	20	-15.86	-0.006250	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	NV	30	-12.20	-0.004808	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	NV	40	-10.20	-0.004020	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	NV	50	-11.06	-0.004359	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	NV	-30	-3.79	-0.001494	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	NV	-20	-5.15	-0.002030	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	NV	-10	-4.89	-0.001927	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	NV	0	3.18	0.001253	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	NV	10	-4.11	-0.001620	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	NV	20	-8.55	-0.003369	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	NV	30	4.31	0.001699	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	NV	40	-9.23	-0.003637	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	NV	50	6.18	0.002435	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	NV	-30	16.65	0.006429	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	NV	-20	17.58	0.006788	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	NV	-10	23.07	0.008907	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	NV	0	26.35	0.010174	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	NV	10	26.09	0.010073	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	NV	20	33.92	0.013097	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	NV	30	32.90	0.012703	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	NV	40	33.39	0.012892	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	NV	50	37.24	0.014378	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	NV	-30	41.64	0.016077	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	NV	-20	37.16	0.014347	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	NV	-10	38.70	0.014942	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	NV	0	37.75	0.014575	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	NV	10	37.04	0.014301	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	NV	20	39.25	0.015154	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	NV	30	34.65	0.013378	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	NV	40	37.78	0.014587	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	NV	50	37.85	0.014614	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	NV	-30	-26.79	-0.010100	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	NV	-20	-32.24	-0.012155	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	NV	-10	-35.93	-0.013546	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	NV	0	-26.64	-0.010043	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	NV	10	-35.66	-0.013444	±2.5	PASS

Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	NV	20	-36.55	-0.013779	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	NV	30	-37.58	-0.014168	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	NV	40	-42.20	-0.015910	±2.5	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	NV	50	-40.86	-0.015404	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	NV	-30	-46.78	-0.017636	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	NV	-20	-46.95	-0.017700	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	NV	-10	-46.29	-0.017451	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	NV	0	-51.46	-0.019401	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	NV	10	-48.44	-0.018262	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	NV	20	-46.99	-0.017715	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	NV	30	-46.59	-0.017565	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	NV	40	-46.58	-0.017561	±2.5	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	NV	50	-45.28	-0.017071	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	NV	-30	-9.63	-0.003791	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	NV	-20	-3.93	-0.001547	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	NV	-10	-7.32	-0.002882	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	NV	0	-5.32	-0.002094	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	NV	10	-3.00	-0.001181	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	NV	20	-6.39	-0.002516	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	NV	30	-3.29	-0.001295	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	NV	40	4.98	0.001961	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	NV	50	-9.91	-0.003902	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	NV	-30	-7.05	-0.002776	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	NV	-20	3.36	0.001323	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	NV	-10	-7.67	-0.003020	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	NV	0	-6.47	-0.002547	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	NV	10	-3.85	-0.001516	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	NV	20	-4.51	-0.001776	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	NV	30	-5.04	-0.001984	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	NV	40	-8.01	-0.003154	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	NV	50	4.88	0.001921	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	NV	-30	-8.81	-0.003402	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	NV	-20	5.15	0.001988	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	NV	-10	-9.68	-0.003737	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	NV	0	-3.75	-0.001448	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	NV	10	-7.27	-0.002807	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	NV	20	-5.58	-0.002154	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	NV	30	-7.60	-0.002934	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	NV	40	-7.42	-0.002865	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	NV	50	3.36	0.001297	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	NV	-30	-4.62	-0.001784	±2.5	PASS

Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	NV	-20	-5.48	-0.002116	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	NV	-10	-4.29	-0.001656	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	NV	0	-6.48	-0.002502	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	NV	10	-11.03	-0.004259	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	NV	20	-4.88	-0.001884	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	NV	30	-7.54	-0.002911	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	NV	40	-6.79	-0.002622	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	NV	50	-4.12	-0.001591	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	NV	-30	-4.78	-0.001804	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	NV	-20	-10.26	-0.003872	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	NV	-10	6.01	0.002268	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	NV	0	-7.84	-0.002958	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	NV	10	-7.85	-0.002962	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	NV	20	7.12	0.002687	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	NV	30	-9.47	-0.003574	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	NV	40	-7.02	-0.002649	±2.5	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	NV	50	-2.55	-0.000962	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	NV	-30	-12.57	-0.004743	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	NV	-20	-2.69	-0.001015	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	NV	-10	-4.52	-0.001706	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	NV	0	-7.02	-0.002649	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	NV	10	9.13	0.003445	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	NV	20	-8.07	-0.003045	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	NV	30	3.82	0.001442	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	NV	40	-6.67	-0.002517	±2.5	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	NV	50	-6.05	-0.002283	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	NV	-30	-5.32	-0.002092	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	NV	-20	-5.64	-0.002218	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	NV	-10	-3.23	-0.001270	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	NV	0	-6.54	-0.002572	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	NV	10	-6.85	-0.002694	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	NV	20	-11.07	-0.004354	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	NV	30	-5.16	-0.002029	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	NV	40	-10.01	-0.003937	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	NV	50	-2.59	-0.001019	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	NV	-30	-4.35	-0.001711	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	NV	-20	-4.79	-0.001884	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	NV	-10	-8.18	-0.003217	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	NV	0	-6.72	-0.002643	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	NV	10	-7.47	-0.002938	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	NV	20	3.20	0.001259	±2.5	PASS

Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	NV	30	-3.66	-0.001440	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	NV	40	4.45	0.001750	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	NV	50	6.98	0.002745	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	NV	-30	-3.75	-0.001448	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	NV	-20	-8.28	-0.003197	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	NV	-10	-5.87	-0.002266	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	NV	0	-5.51	-0.002127	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	NV	10	-9.23	-0.003564	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	NV	20	-7.42	-0.002865	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	NV	30	-4.51	-0.001741	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	NV	40	3.63	0.001402	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	NV	50	4.25	0.001641	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	NV	-30	-7.78	-0.003004	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	NV	-20	-11.23	-0.004336	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	NV	-10	-7.55	-0.002915	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	NV	0	-10.81	-0.004174	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	NV	10	-6.09	-0.002351	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	NV	20	-3.35	-0.001293	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	NV	30	-6.71	-0.002591	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	NV	40	-5.84	-0.002255	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	NV	50	-3.35	-0.001293	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	NV	-30	-9.86	-0.003724	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	NV	-20	-5.84	-0.002206	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	NV	-10	-7.21	-0.002723	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	NV	0	-6.07	-0.002293	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	NV	10	-8.51	-0.003214	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	NV	20	-6.92	-0.002614	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	NV	30	-10.84	-0.004094	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	NV	40	-5.48	-0.002070	±2.5	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	NV	50	-9.90	-0.003739	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	NV	-30	-4.62	-0.001745	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	NV	-20	-9.73	-0.003675	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	NV	-10	-8.43	-0.003184	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	NV	0	6.38	0.002410	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	NV	10	-4.16	-0.001571	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	NV	20	-3.10	-0.001171	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	NV	30	-9.86	-0.003724	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	NV	40	5.62	0.002123	±2.5	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	NV	50	-10.71	-0.004045	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	NV	-30	-7.30	-0.002868	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	NV	-20	-6.58	-0.002585	±2.5	PASS

Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	NV	-10	-10.30	-0.004047	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	NV	0	-5.16	-0.002028	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	NV	10	-3.38	-0.001328	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	NV	20	-4.53	-0.001780	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	NV	30	-8.30	-0.003261	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	NV	40	-7.08	-0.002782	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	NV	50	-10.24	-0.004024	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	NV	-30	-9.76	-0.003835	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	NV	-20	-6.02	-0.002365	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	NV	-10	3.73	0.001466	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	NV	0	-7.45	-0.002927	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	NV	10	-5.22	-0.002051	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	NV	20	-9.91	-0.003894	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	NV	30	-2.88	-0.001132	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	NV	40	-11.47	-0.004507	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	NV	50	-7.20	-0.002829	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	NV	-30	-5.54	-0.002139	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	NV	-20	4.45	0.001718	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	NV	-10	-9.13	-0.003525	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	NV	0	-5.42	-0.002093	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	NV	10	-8.80	-0.003398	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	NV	20	6.71	0.002591	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	NV	30	4.61	0.001780	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	NV	40	-6.48	-0.002502	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	NV	50	-6.01	-0.002320	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	NV	-30	-4.92	-0.001900	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	NV	-20	-7.38	-0.002849	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	NV	-10	-9.23	-0.003564	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	NV	0	-5.28	-0.002039	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	NV	10	-5.29	-0.002042	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	NV	20	-4.99	-0.001927	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	NV	30	-7.62	-0.002942	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	NV	40	-4.46	-0.001722	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	NV	50	-7.04	-0.002718	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	NV	-30	-7.97	-0.003013	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	NV	-20	-7.45	-0.002817	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	NV	-10	-5.02	-0.001898	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	NV	0	-5.91	-0.002234	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	NV	10	-9.41	-0.003558	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	NV	20	-4.39	-0.001660	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	NV	30	-4.38	-0.001656	±2.5	PASS

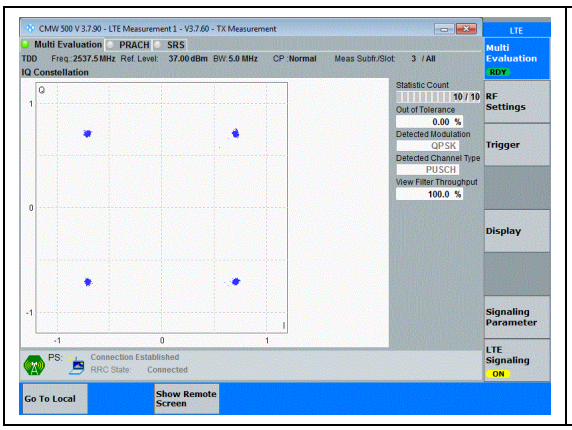
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	NV	40	-9.90	-0.003743	±2.5	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	NV	50	5.54	0.002095	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	NV	-30	-8.30	-0.003138	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	NV	-20	-6.15	-0.002325	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	NV	-10	-9.31	-0.003520	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	NV	0	-5.79	-0.002189	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	NV	10	-5.24	-0.001981	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	NV	20	8.53	0.003225	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	NV	30	-10.20	-0.003856	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	NV	40	-8.20	-0.003100	±2.5	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	NV	50	-7.00	-0.002647	±2.5	PASS

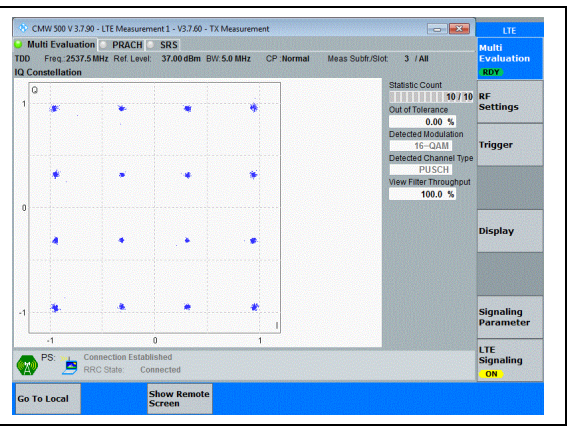
Appendix G: Modulation Characteristics

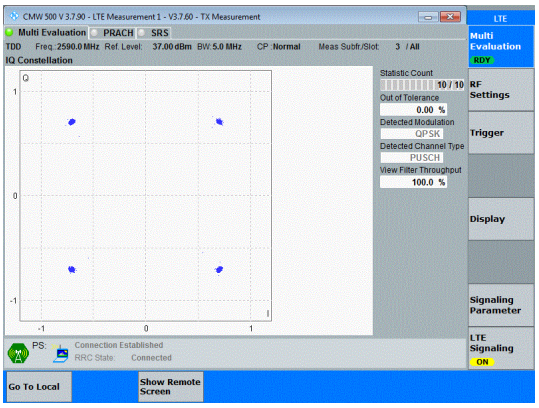
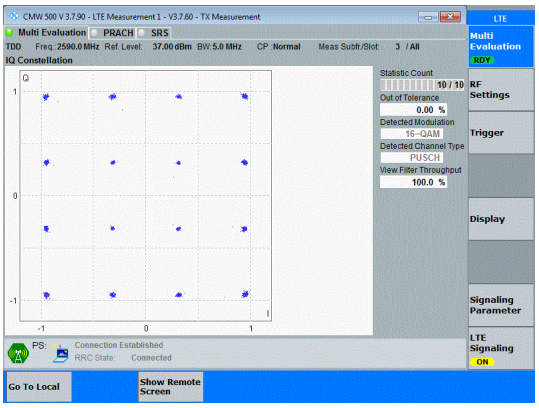
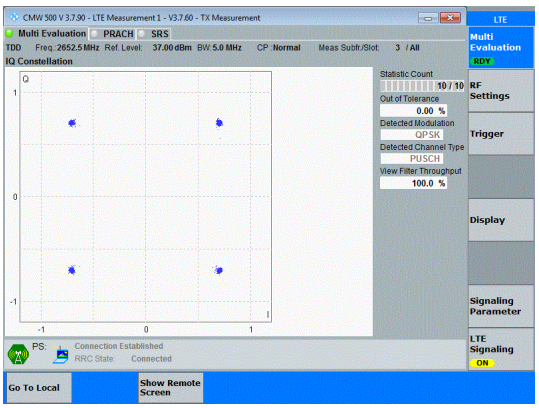
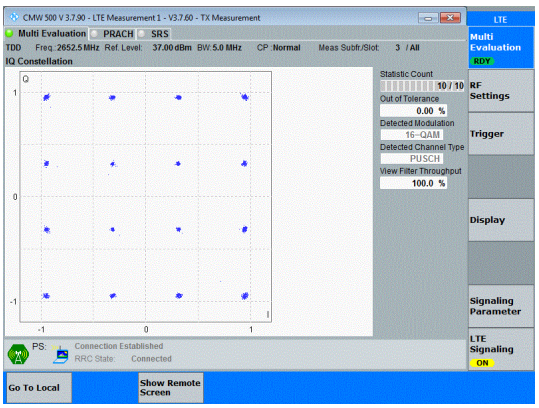
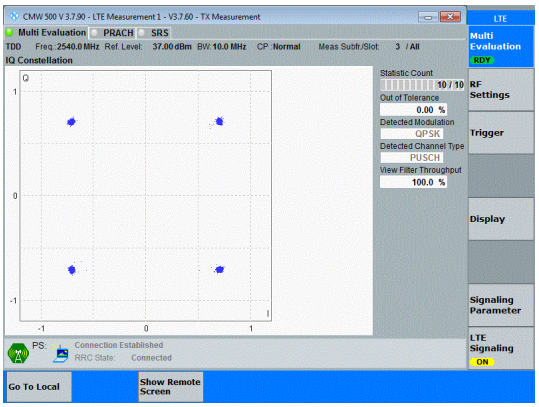
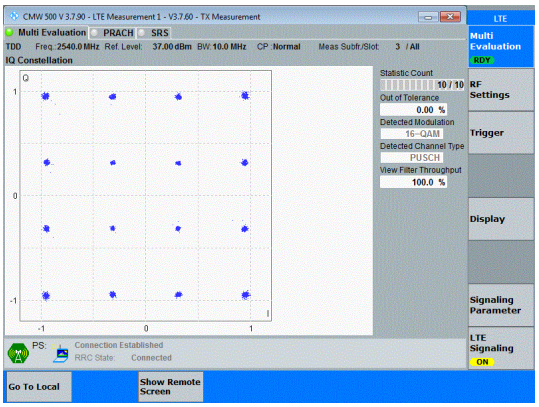
Test Result

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

Test Graphs





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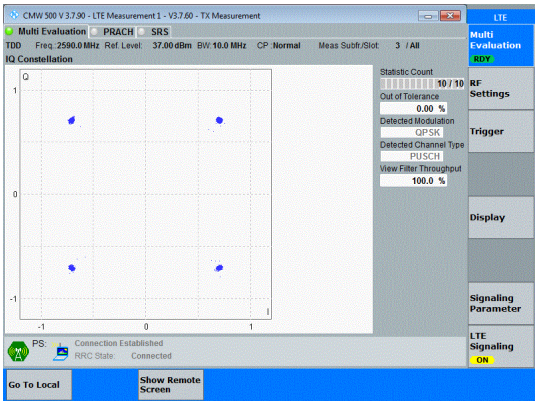	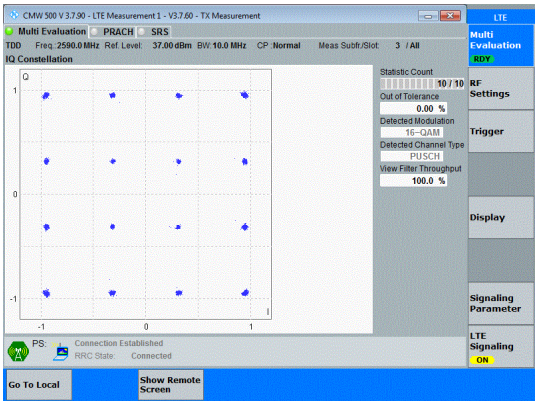
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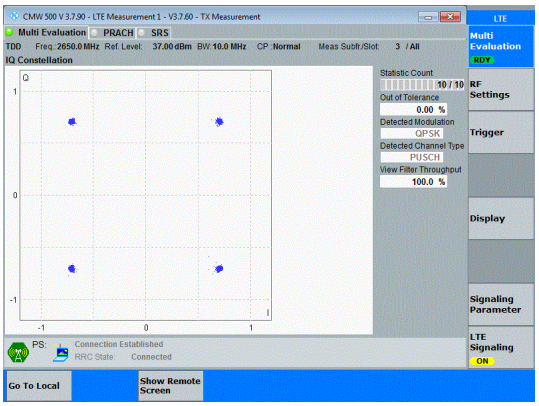	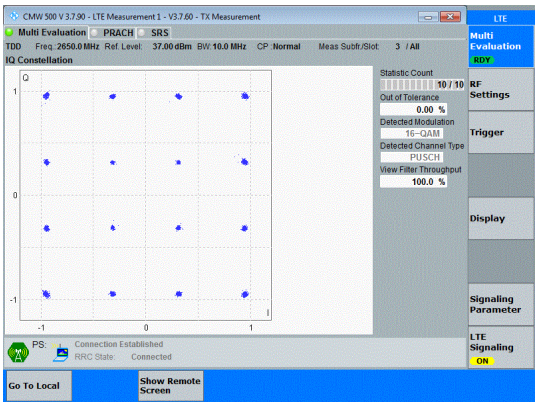
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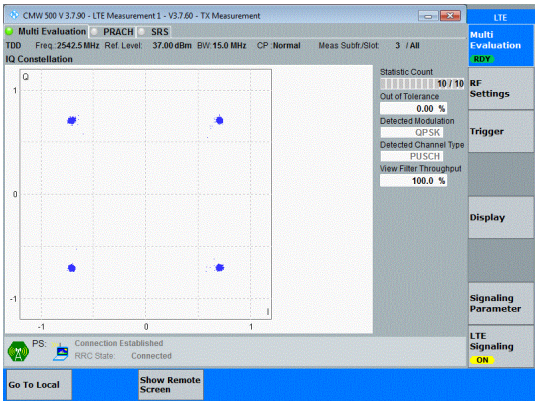	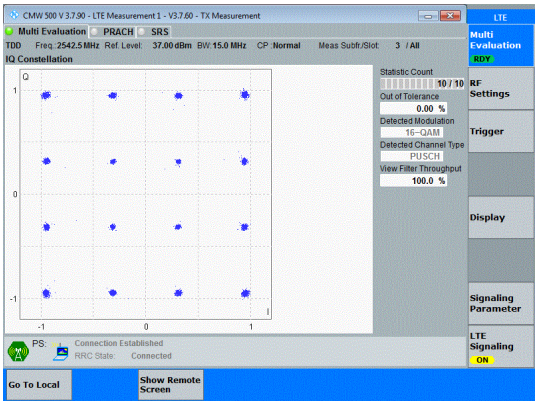
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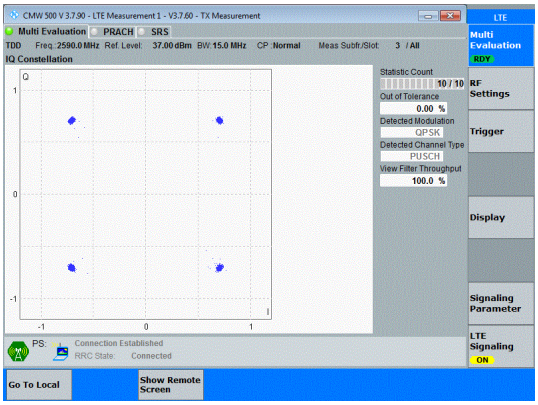	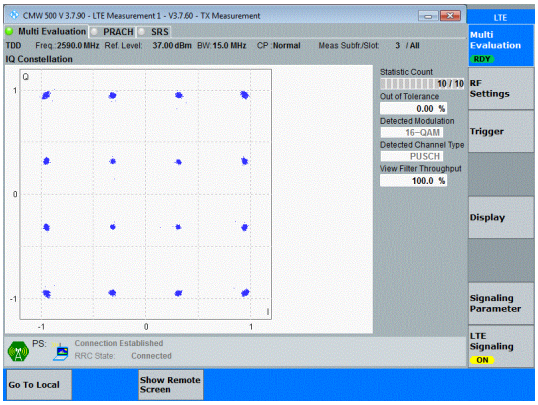
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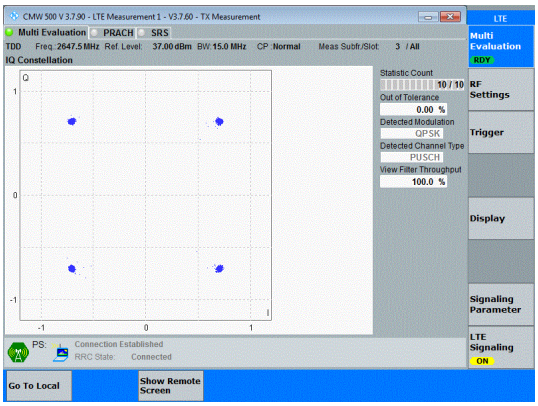	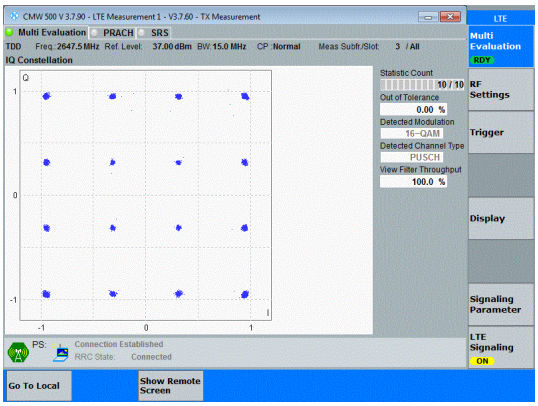
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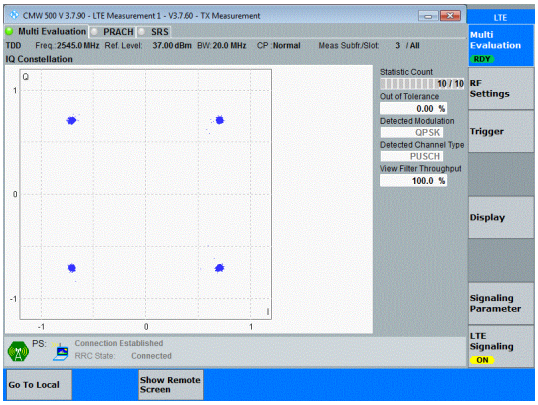	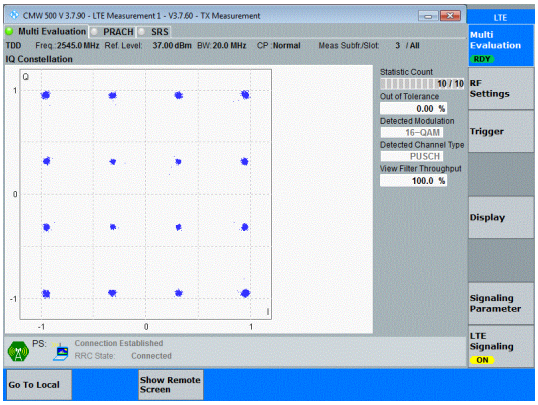
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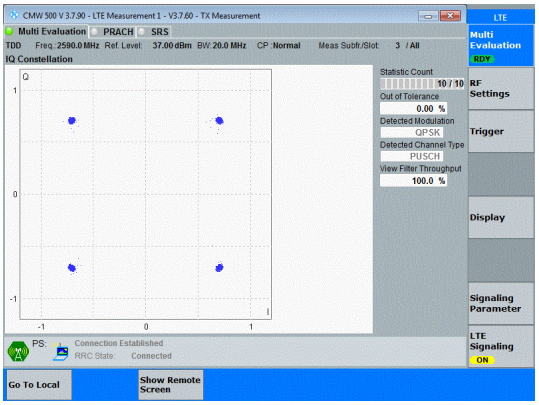	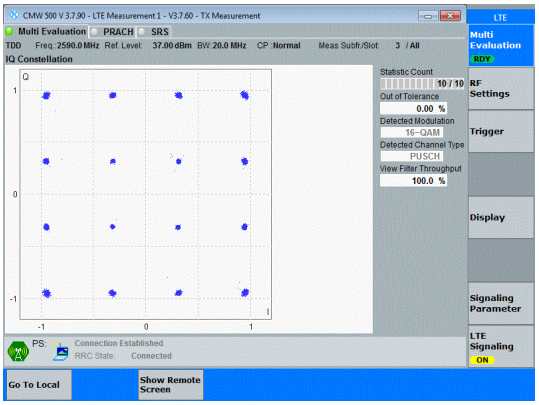
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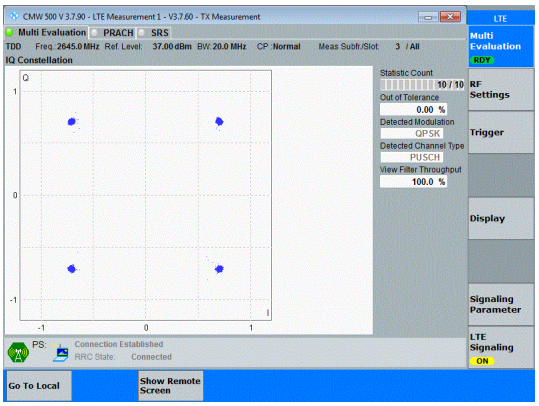	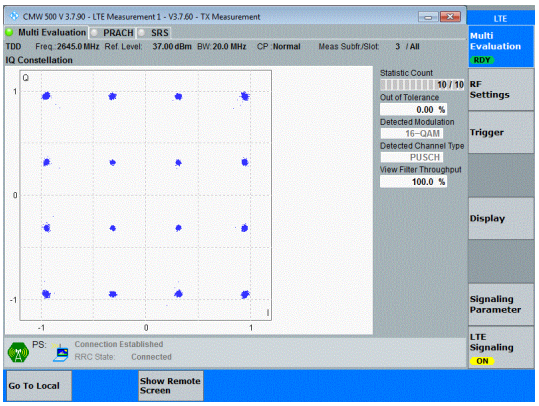
Band41(2535-2655)-20MHz-QPSK-41140-100RB #0-PASS	Band41(2535-2655)-20MHz-16QAM-41140-100RB #0-PASS