

FCC Appendix RF Test Data for LTE Band 41

Company: : **Gastor Pty Ltd**

EUT : **GPS tracker**

Model Number : **AG45**

FCC ID : **2BU7Q-AG45**

Report No. : **CTA26031300113**

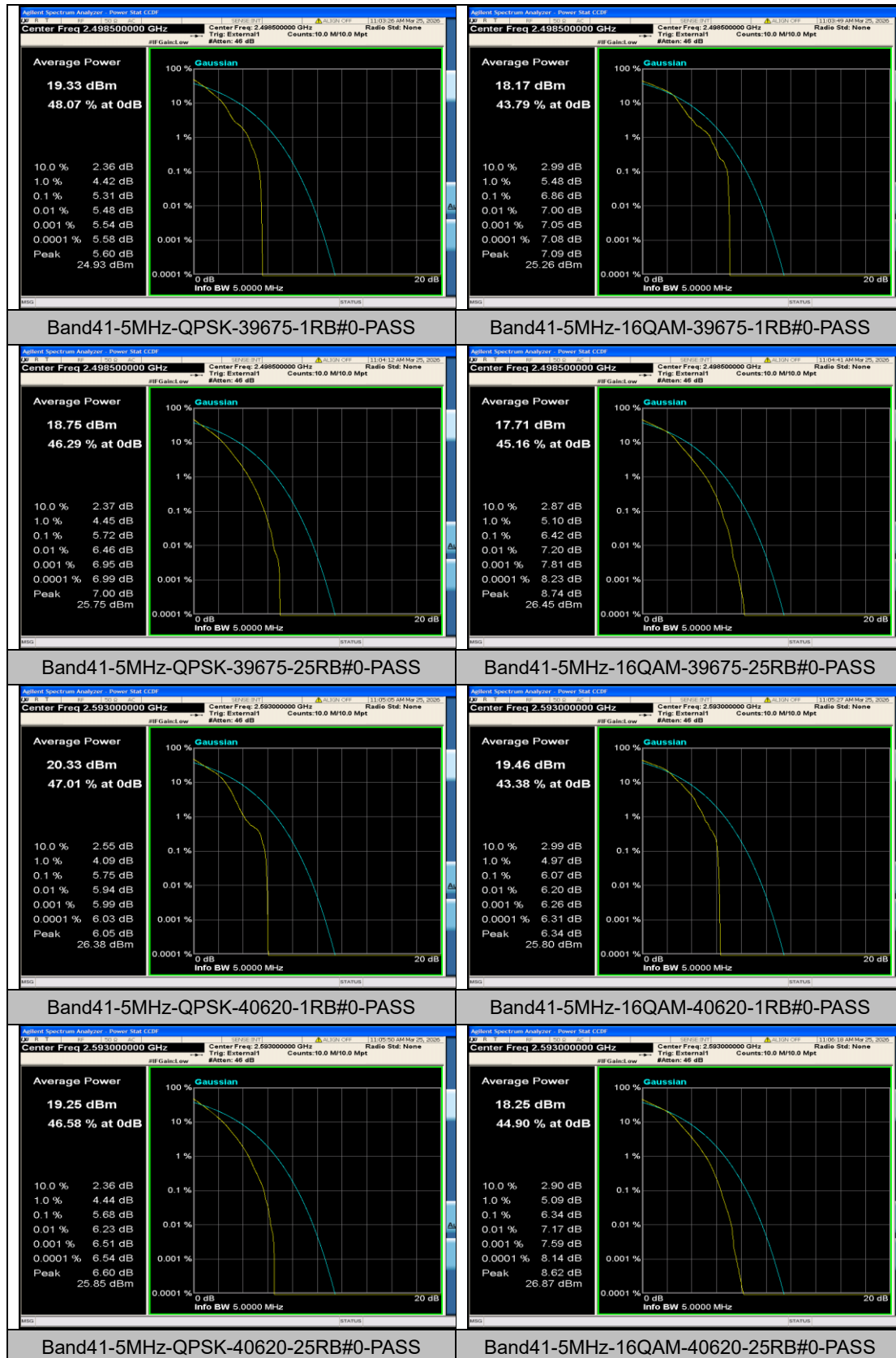
Reviewed By : **Eric Wang**

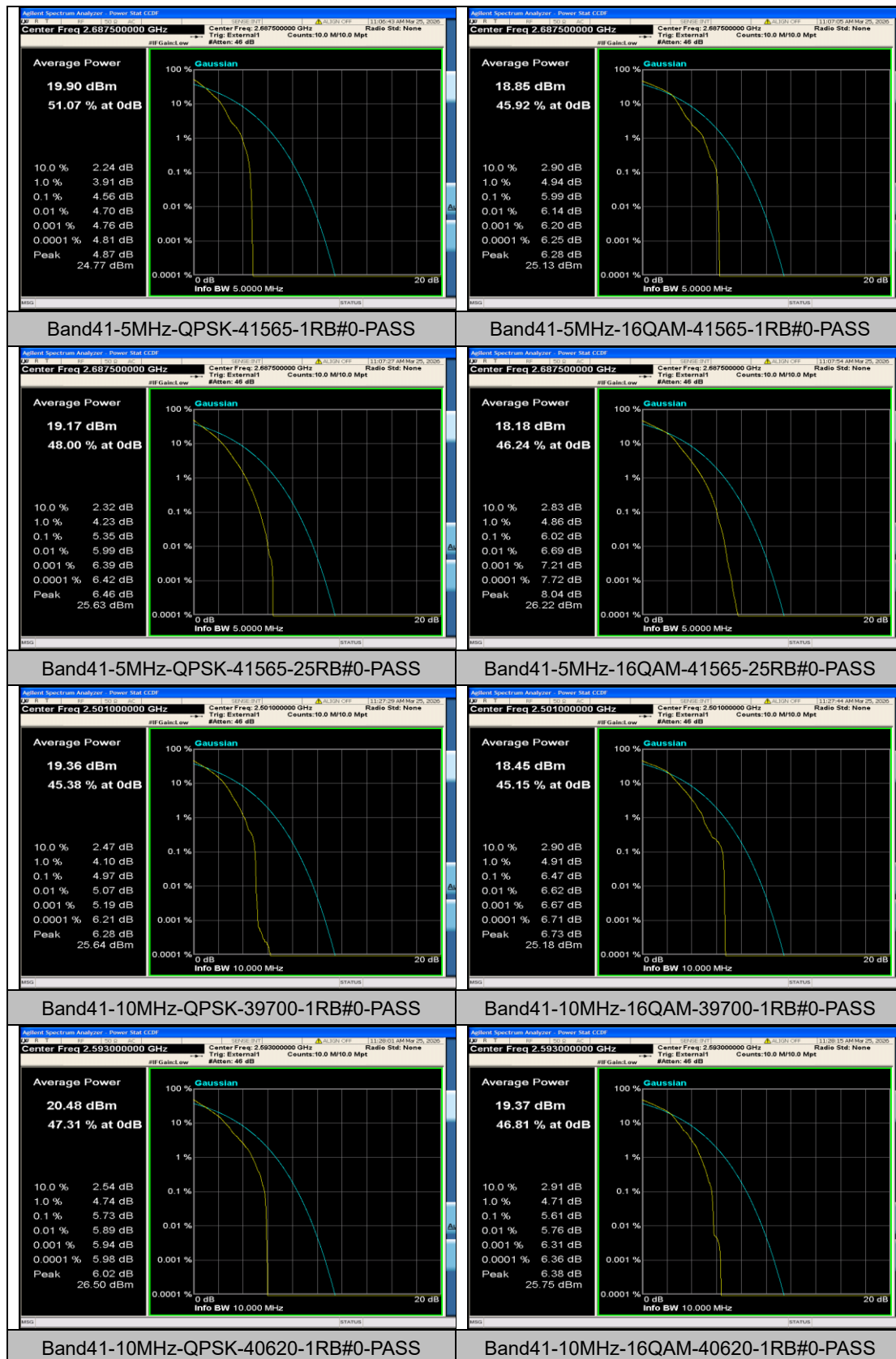
Appendix B: Peak-to-Average Ratio(CCDF)

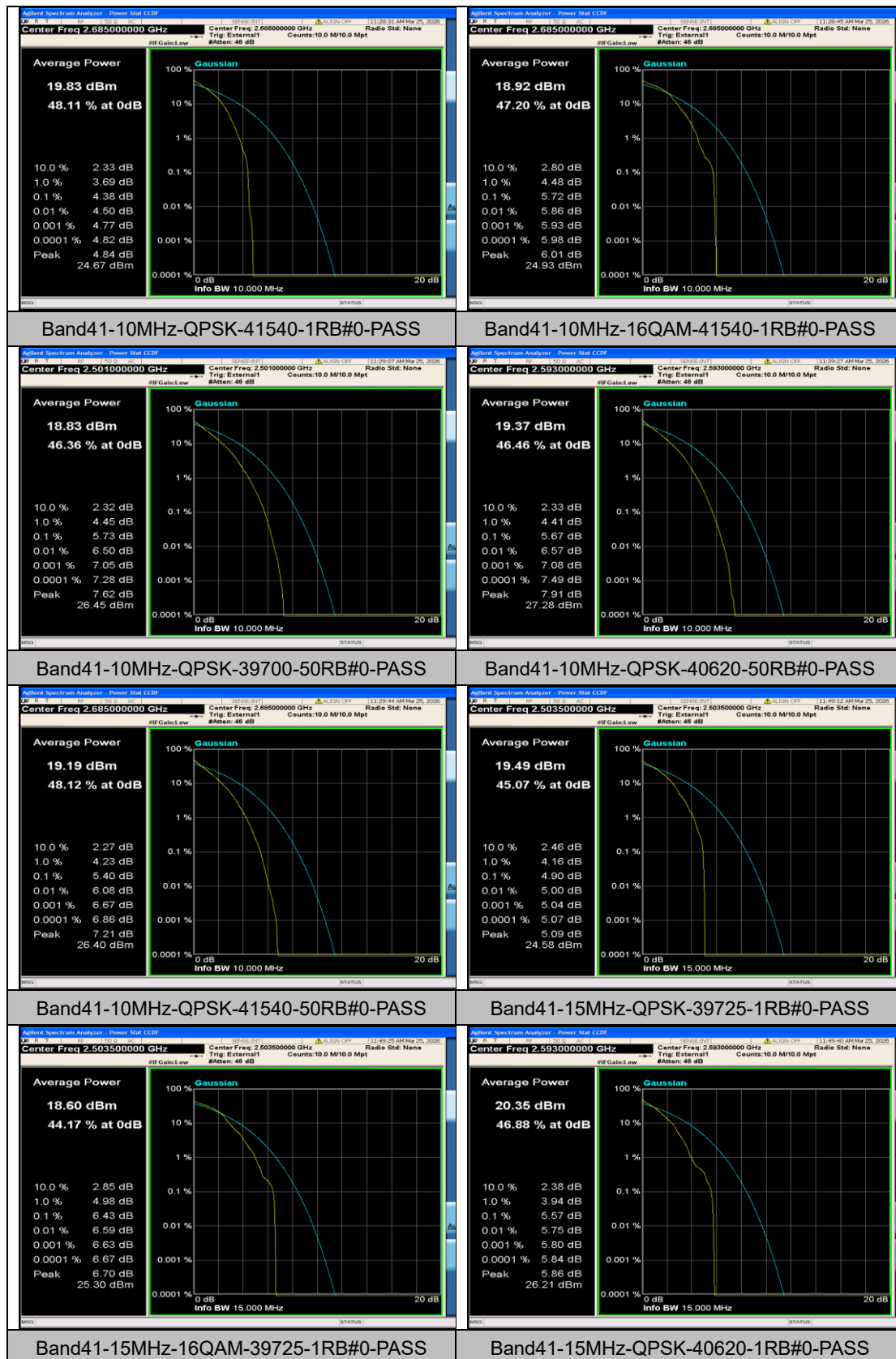
Test Result

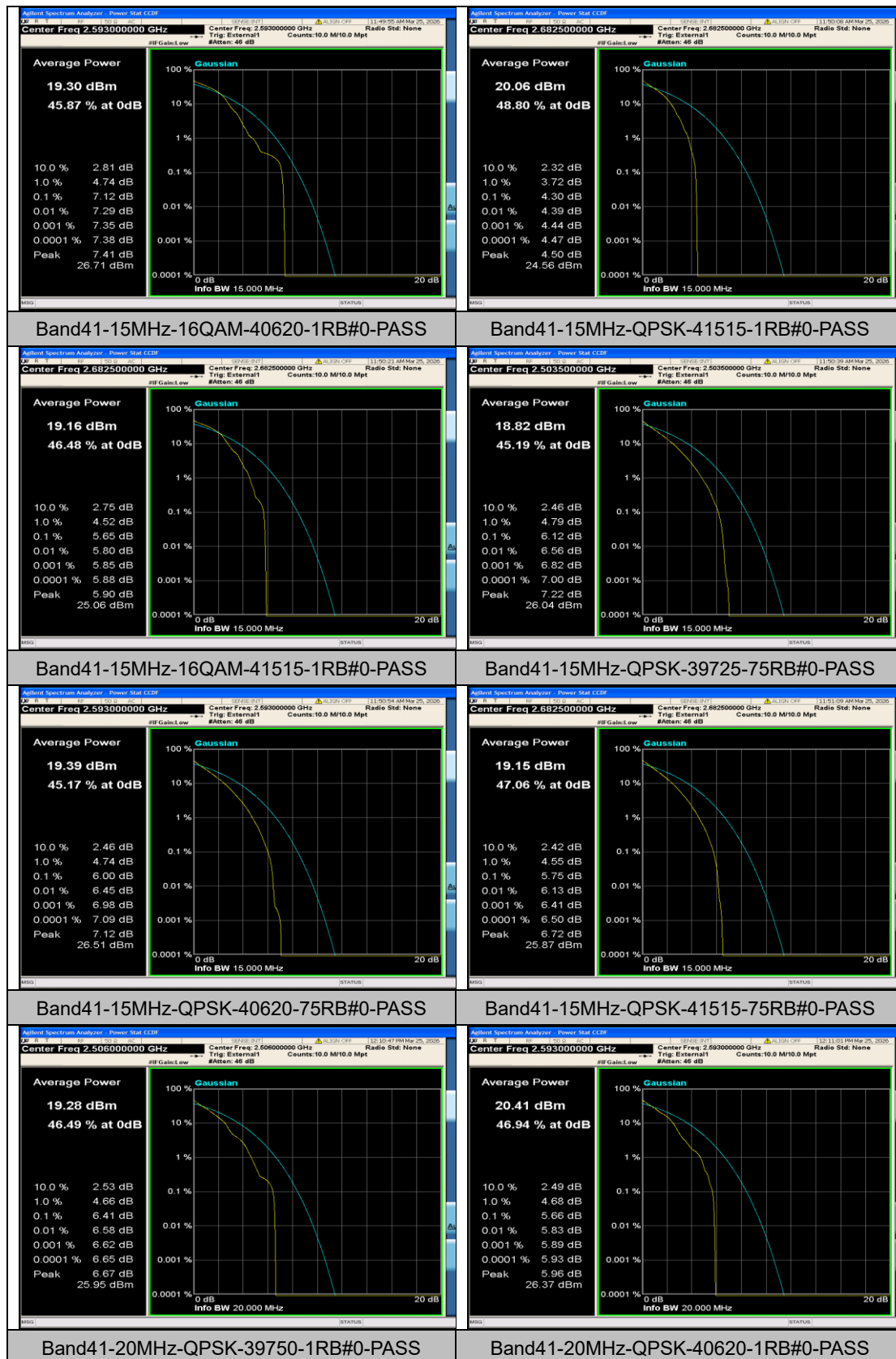
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	5.31	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	6.86	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	5.72	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	6.42	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	5.75	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	6.07	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	5.68	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	6.34	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	4.56	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	5.99	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	5.35	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	6.02	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	4.97	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	6.47	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	5.73	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	5.61	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	4.38	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	5.72	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	5.73	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	5.67	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	5.40	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	4.90	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	6.43	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	5.57	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	7.12	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	4.30	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	5.65	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	6.12	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	6.00	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	5.75	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	6.41	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	5.66	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	5.58	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	5.67	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.67	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	5.36	13	PASS

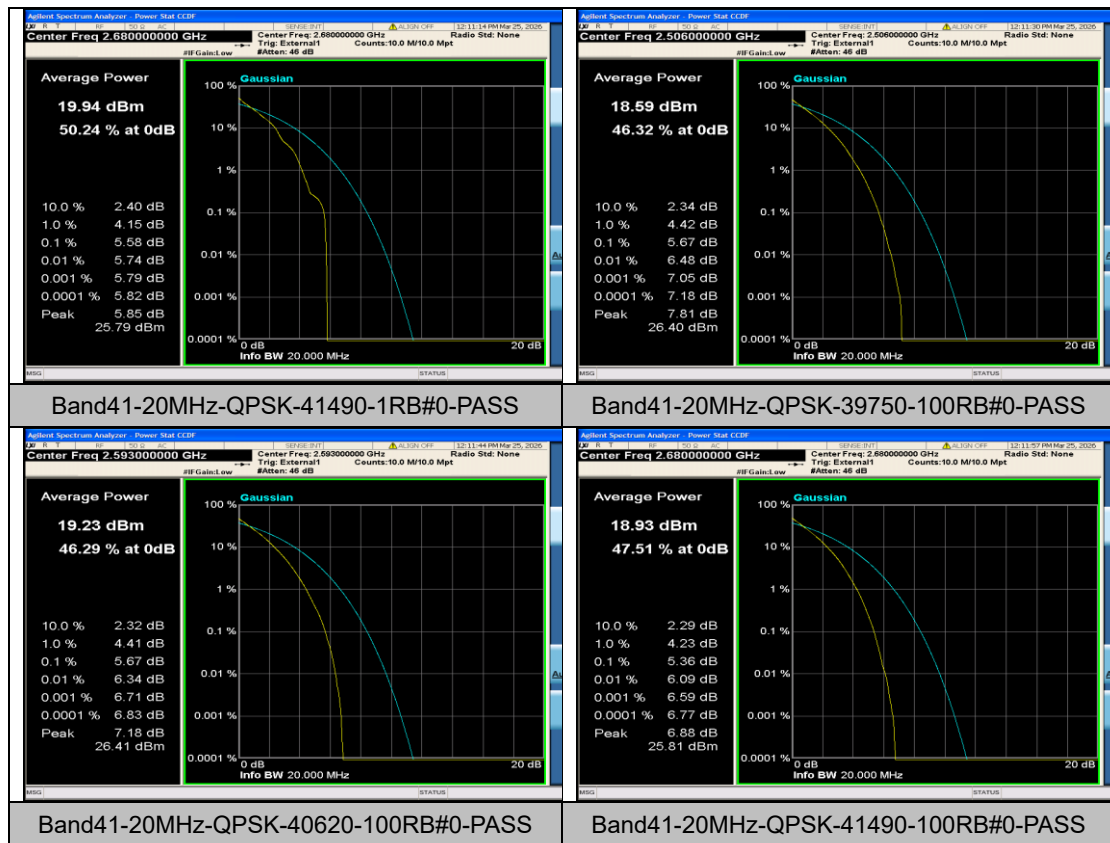
Test Graphs









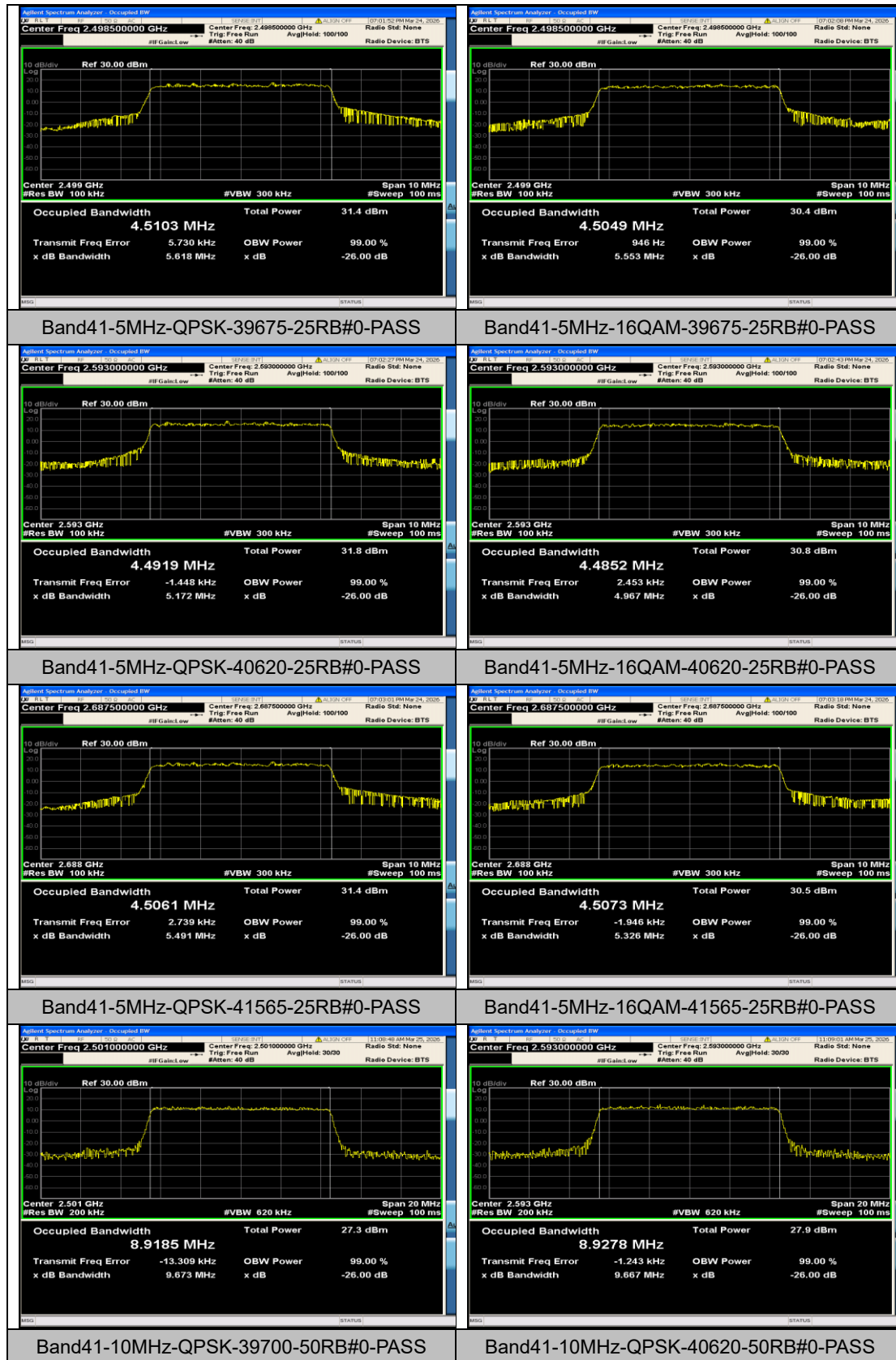


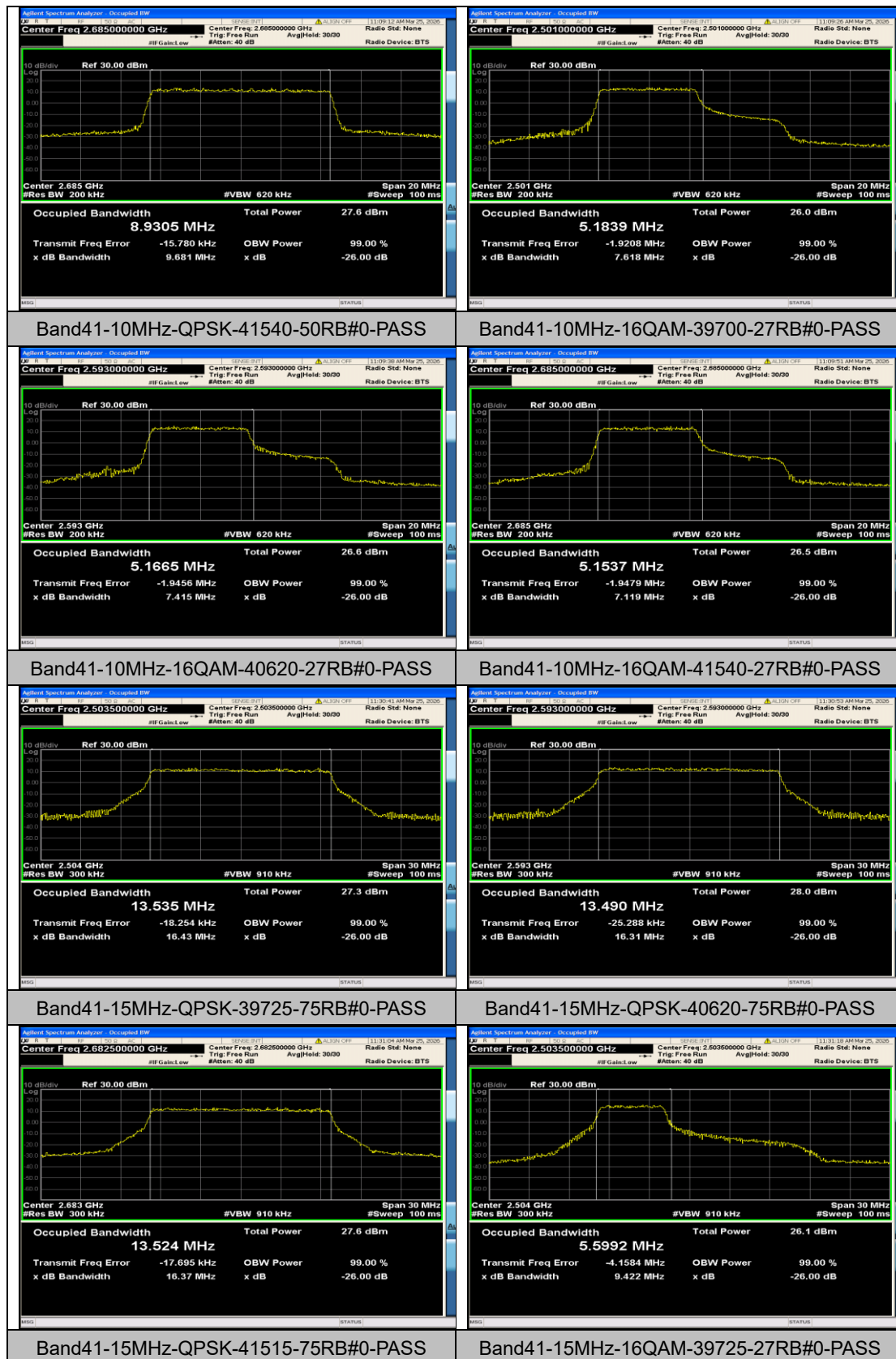
Appendix C: 26dB Bandwidth and Occupied Bandwidth

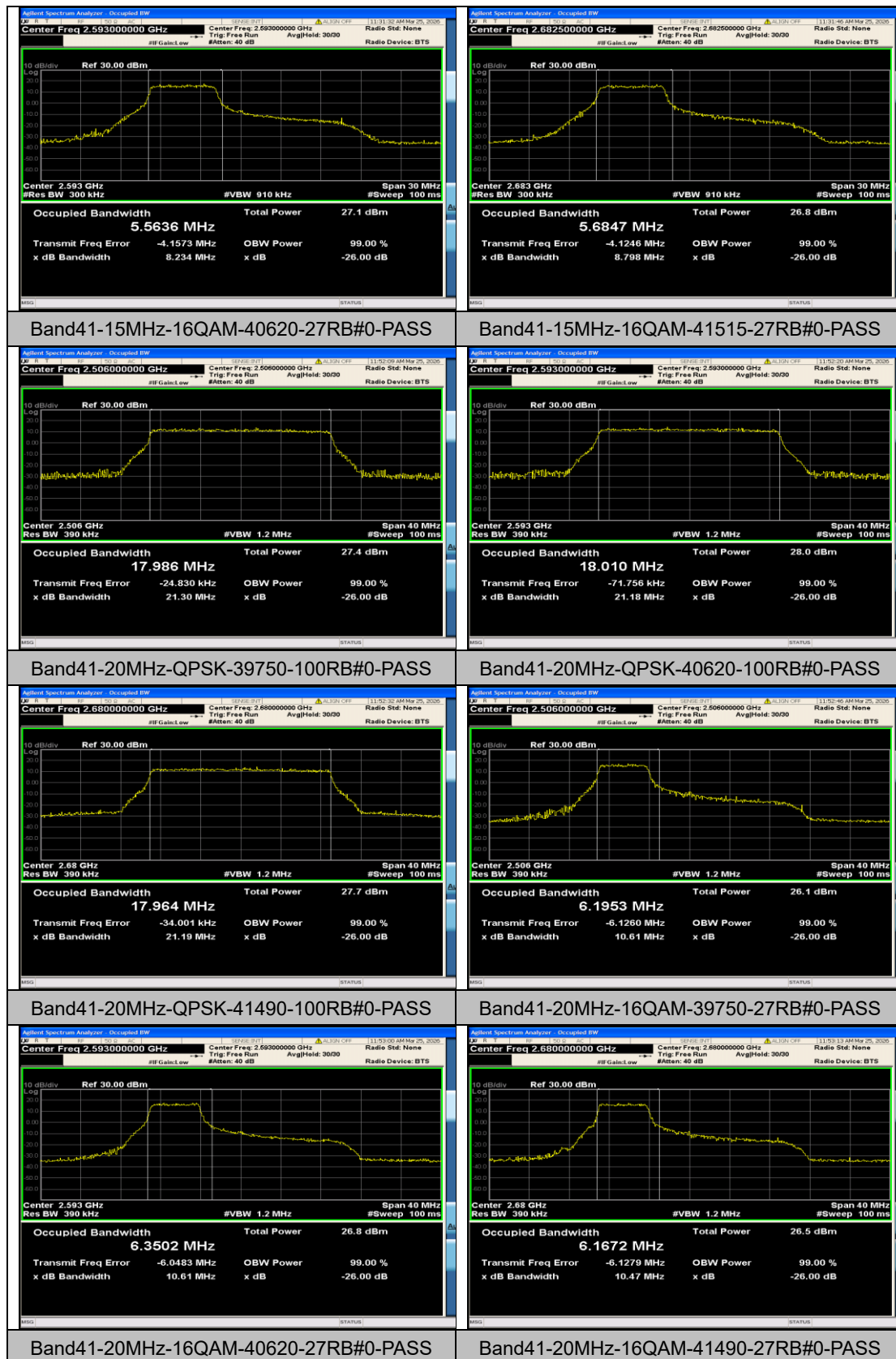
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5103	5.618	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.5049	5.553	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.4919	5.172	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.4852	4.967	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.5061	5.491	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.5073	5.326	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9185	9.673	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9278	9.667	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9305	9.681	PASS
Band41	10MHz	16QAM	39700	27RB#0	5.1839	7.618	PASS
Band41	10MHz	16QAM	40620	27RB#0	5.1665	7.415	PASS
Band41	10MHz	16QAM	41540	27RB#0	5.1537	7.119	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.535	16.43	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.490	16.31	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.524	16.37	PASS
Band41	15MHz	16QAM	39725	27RB#0	5.5992	9.422	PASS
Band41	15MHz	16QAM	40620	27RB#0	5.5636	8.234	PASS
Band41	15MHz	16QAM	41515	27RB#0	5.6847	8.798	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.986	21.30	PASS
Band41	20MHz	QPSK	40620	100RB#0	18.010	21.18	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.964	21.19	PASS
Band41	20MHz	16QAM	39750	27RB#0	6.1953	10.61	PASS
Band41	20MHz	16QAM	40620	27RB#0	6.3502	10.61	PASS
Band41	20MHz	16QAM	41490	27RB#0	6.1672	10.47	PASS

Test Graphs







Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-25.10	PASS
Band41	5MHz	16QAM	39675	1RB#0	-27.99	PASS
Band41	5MHz	QPSK	39675	1RB#24	-42.82	PASS
Band41	5MHz	16QAM	39675	1RB#24	-42.94	PASS
Band41	5MHz	QPSK	39675	25RB#0	-24.34	PASS
Band41	5MHz	16QAM	39675	25RB#0	-25.95	PASS
Band41	5MHz	QPSK	41565	1RB#0	-42.31	PASS
Band41	5MHz	16QAM	41565	1RB#0	-42.12	PASS
Band41	5MHz	QPSK	41565	1RB#24	-23.81	PASS
Band41	5MHz	16QAM	41565	1RB#24	-25.35	PASS
Band41	5MHz	QPSK	41565	25RB#0	-33.99	PASS
Band41	5MHz	16QAM	41565	25RB#0	-34.94	PASS
Band41	10MHz	QPSK	39700	1RB#0	-41.05	PASS
Band41	10MHz	16QAM	39700	1RB#0	-41.18	PASS
Band41	10MHz	QPSK	39700	1RB#49	-41.11	PASS
Band41	10MHz	16QAM	39700	1RB#49	-41.38	PASS
Band41	10MHz	QPSK	41540	1RB#0	-42.51	PASS
Band41	10MHz	16QAM	41540	1RB#0	-42.54	PASS
Band41	10MHz	QPSK	41540	1RB#49	-42.55	PASS
Band41	10MHz	16QAM	41540	1RB#49	-42.54	PASS
Band41	10MHz	QPSK	39700	50RB#0	-37.05	PASS
Band41	10MHz	QPSK	41540	50RB#0	-41.85	PASS
Band41	15MHz	QPSK	39725	1RB#0	-39.75	PASS
Band41	15MHz	16QAM	39725	1RB#0	-39.84	PASS
Band41	15MHz	QPSK	39725	1RB#74	-40.26	PASS
Band41	15MHz	16QAM	39725	1RB#74	-40.52	PASS
Band41	15MHz	QPSK	41515	1RB#0	-42.67	PASS
Band41	15MHz	16QAM	41515	1RB#0	-42.51	PASS
Band41	15MHz	QPSK	41515	1RB#74	-41.91	PASS
Band41	15MHz	16QAM	41515	1RB#74	-42.15	PASS
Band41	15MHz	QPSK	39725	75RB#0	-37.75	PASS
Band41	15MHz	QPSK	41515	75RB#0	-41.98	PASS
Band41	20MHz	QPSK	39750	1RB#0	-39.07	PASS
Band41	20MHz	16QAM	39750	1RB#0	-39.48	PASS
Band41	20MHz	QPSK	39750	1RB#99	-38.25	PASS
Band41	20MHz	16QAM	39750	1RB#99	-38.91	PASS

Band41	20MHz	QPSK	41490	1RB#0	-42.57	PASS
Band41	20MHz	16QAM	41490	1RB#0	-42.72	PASS
Band41	20MHz	QPSK	41490	1RB#99	-41.93	PASS
Band41	20MHz	16QAM	41490	1RB#99	-42.16	PASS
Band41	20MHz	QPSK	39750	100RB#0	-38.42	PASS
Band41	20MHz	QPSK	41490	100RB#0	-42.76	PASS

Test Graphs

