

Appendix RF Test Data for LTE Band 41

Company: : SIMFINITY COMPANY LIMITED

EUT : MIFI

Model Number : U6

FCC ID : 2BSRS-U6

Report No. : CTA25100901310

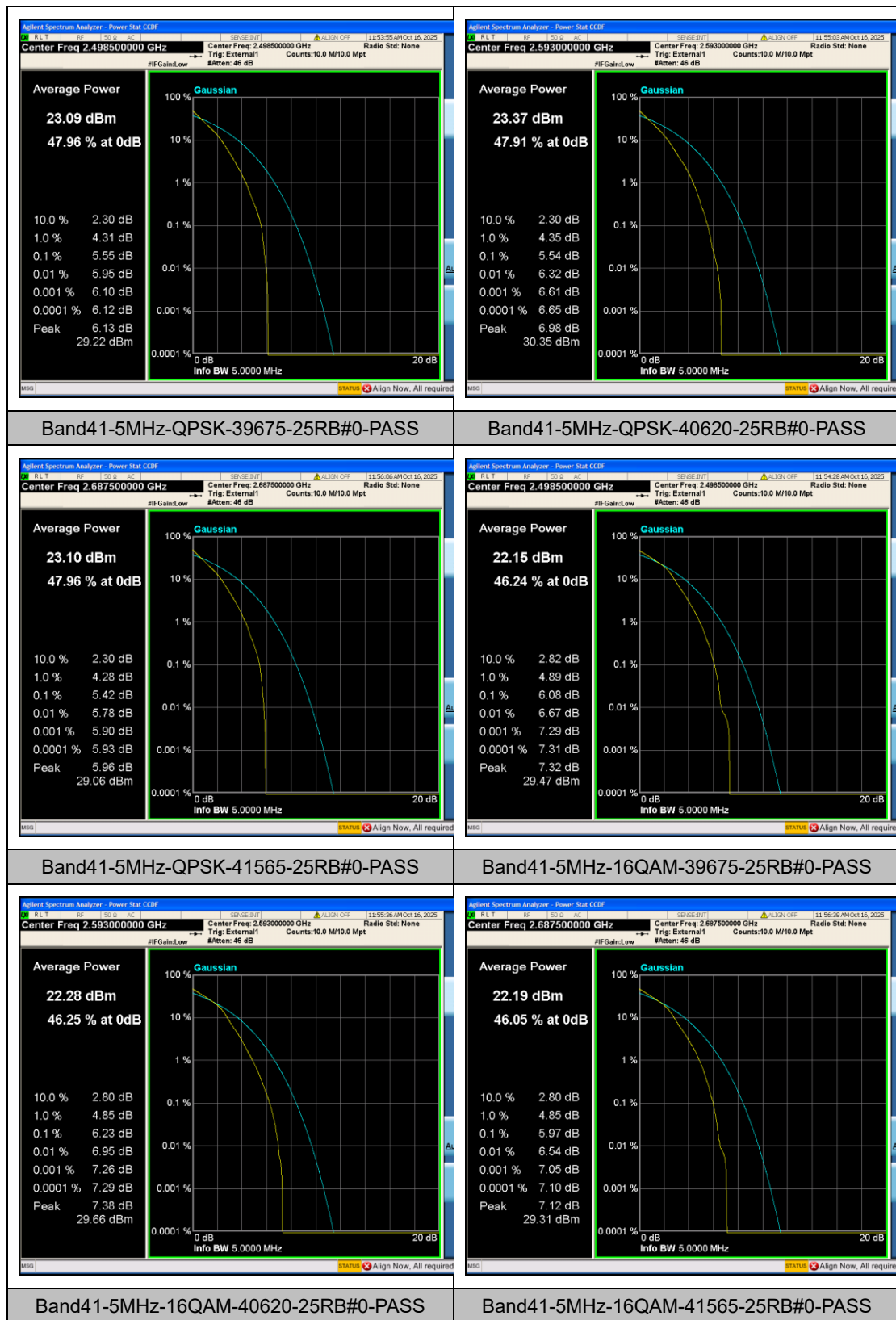
Reviewed By : Eric Wang

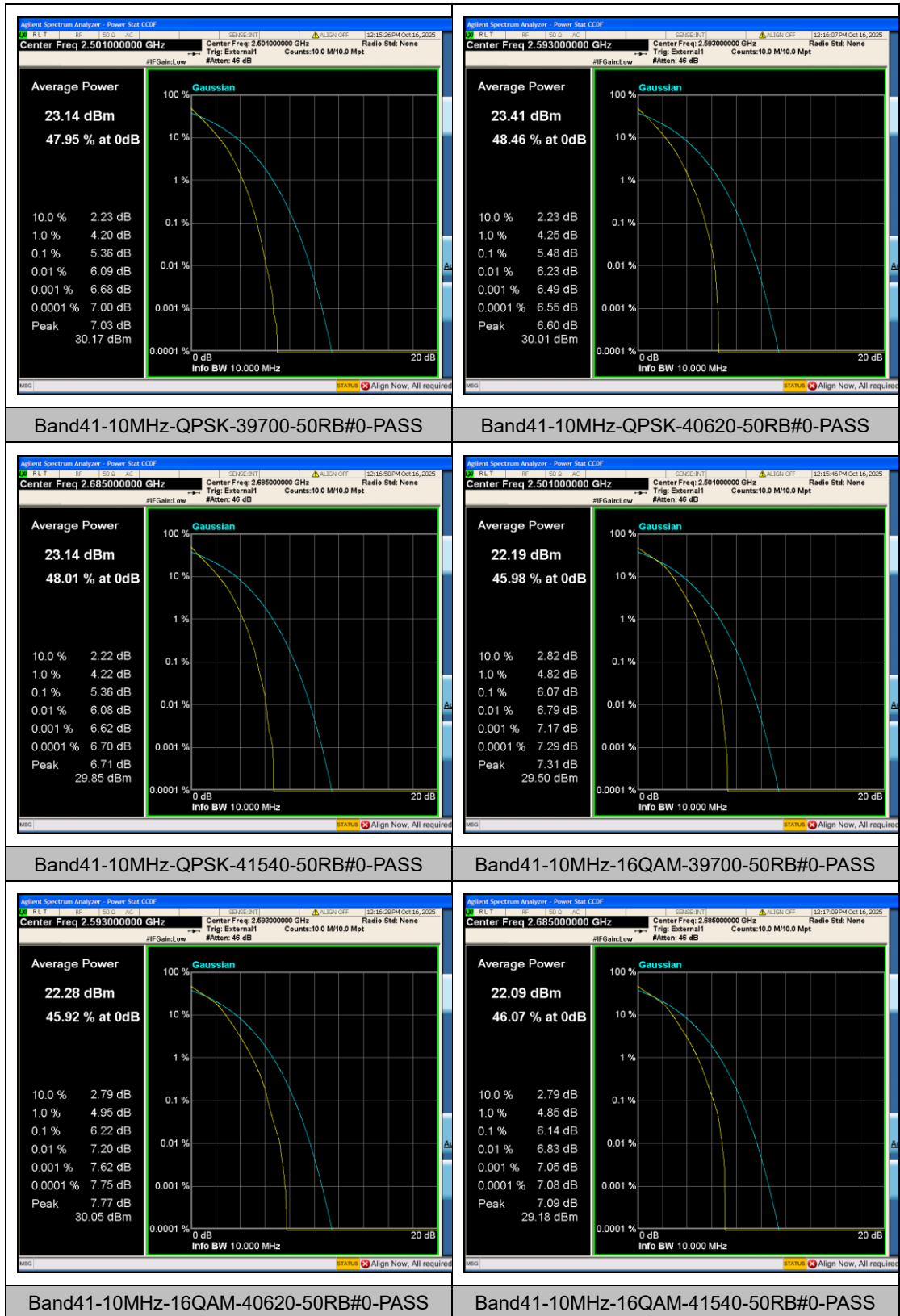
Appendix B: Peak-to-Average Ratio(CCDF)

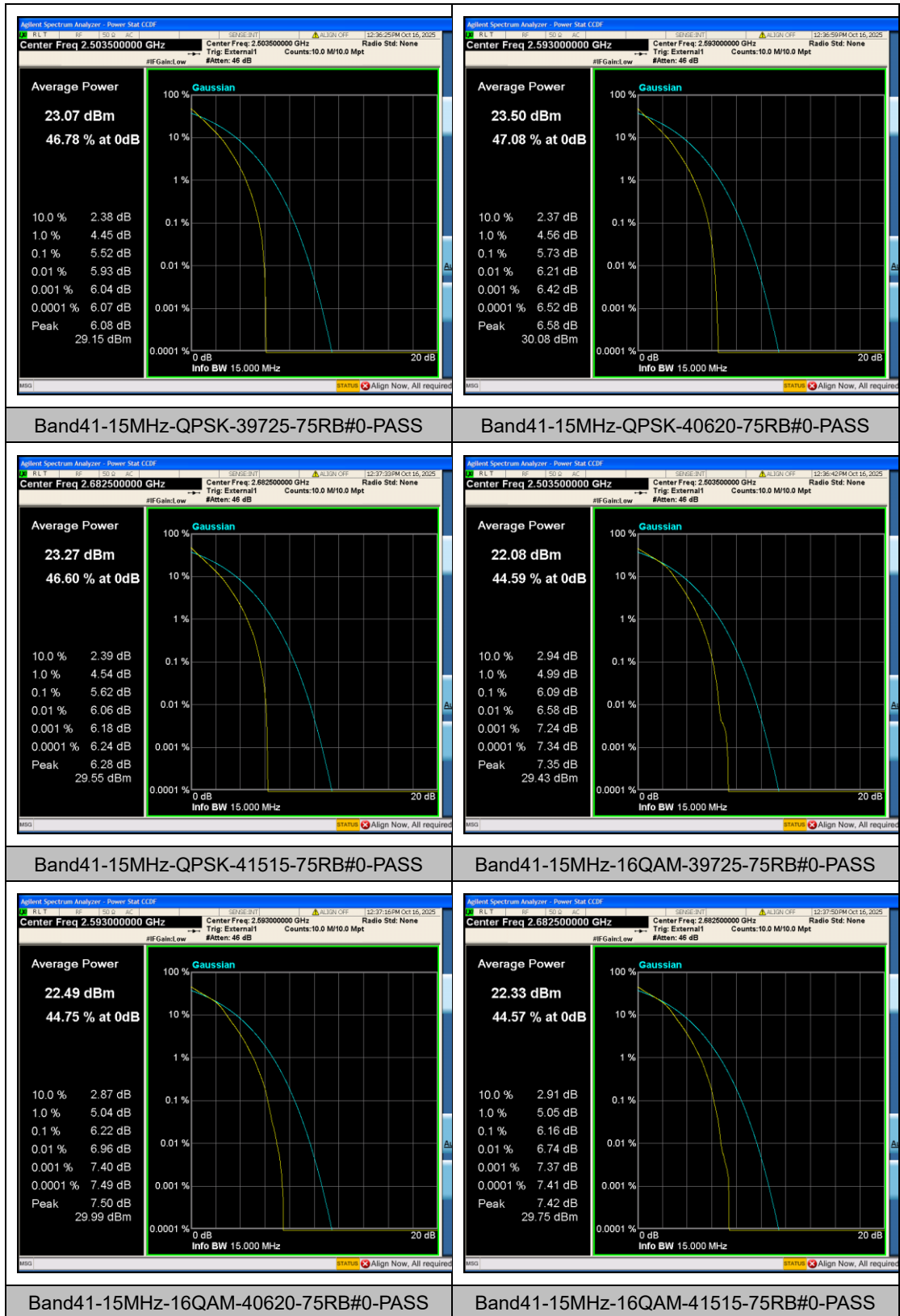
Test Result

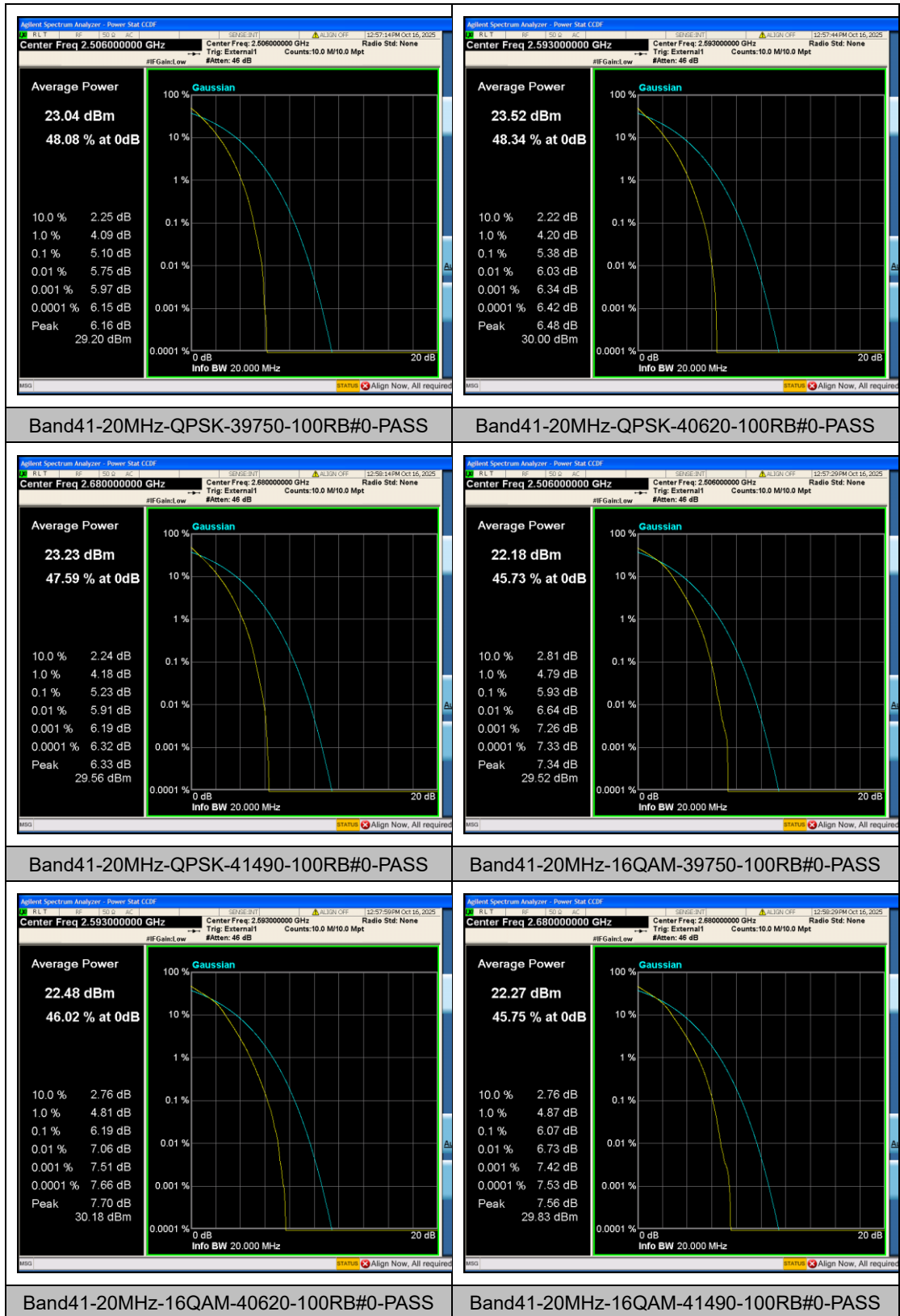
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	5.55	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	5.54	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	5.42	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	6.08	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	6.23	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	5.97	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	5.36	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	5.48	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	5.36	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	6.07	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	6.22	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	6.14	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	5.52	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	5.73	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	5.62	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	6.09	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	6.22	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	6.16	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	5.10	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.38	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	5.23	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	5.93	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	6.19	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	6.07	13	PASS

Test Graphs







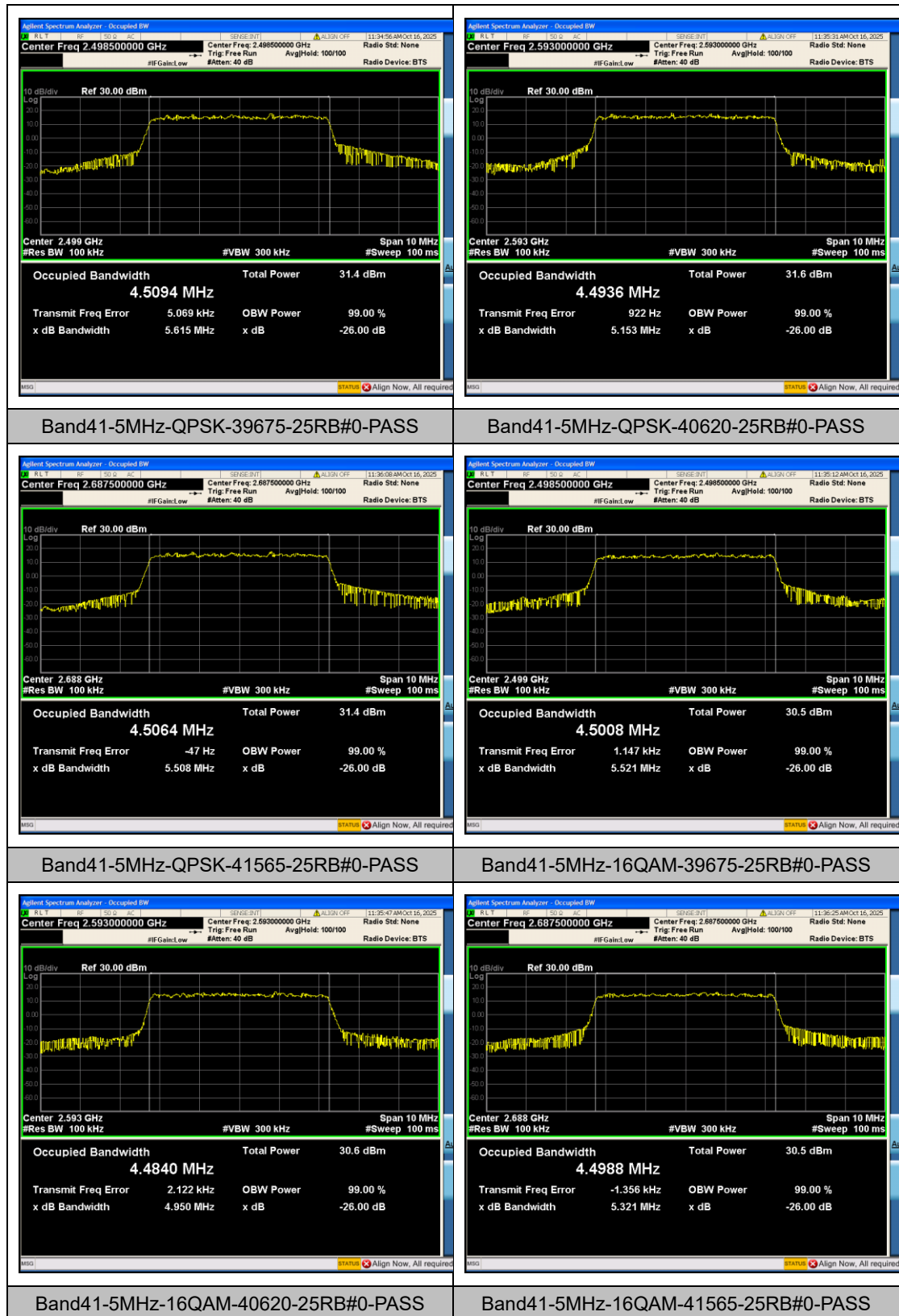


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5094	5.615	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.4936	5.153	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.5064	5.508	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.5008	5.521	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.4840	4.950	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4988	5.321	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9829	10.39	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9704	10.31	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9839	9.892	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9791	10.14	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9749	10.26	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9628	9.807	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.425	14.81	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.397	14.98	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.463	14.74	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.436	14.75	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.465	15.10	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.459	15.14	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.915	19.66	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.907	20.22	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.909	19.88	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.897	19.46	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.882	20.10	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.896	19.40	PASS

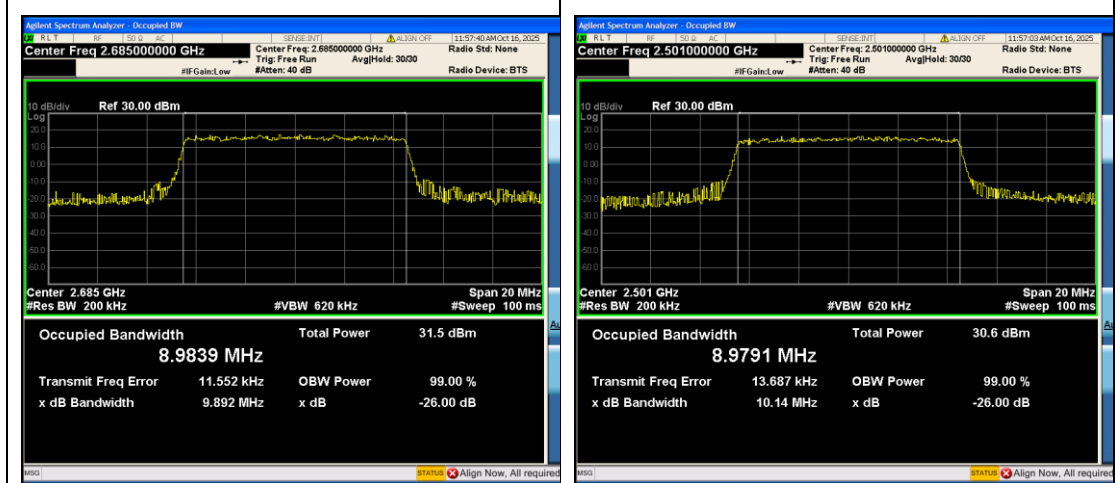
Test Graphs





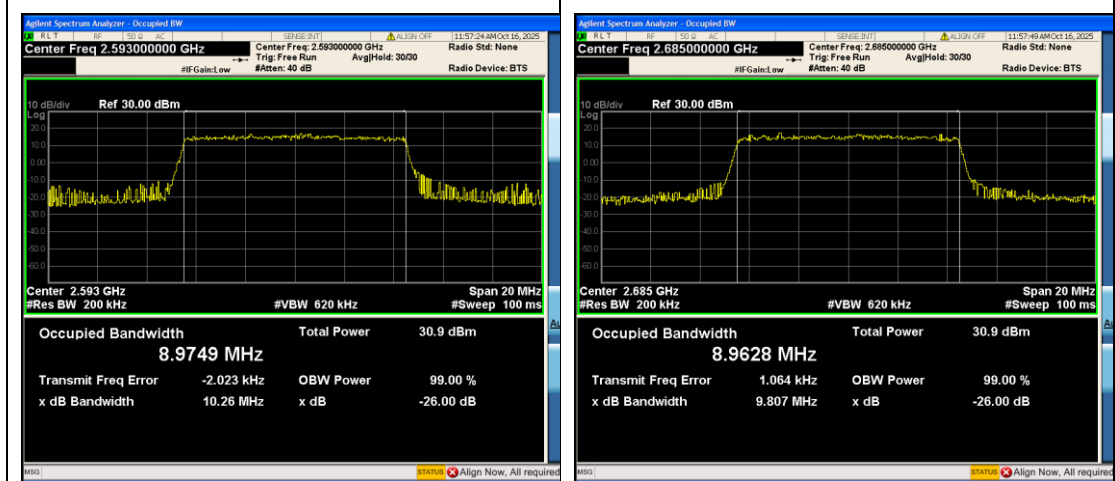
Band41-10MHz-QPSK-39700-50RB#0-PASS

Band41-10MHz-QPSK-40620-50RB#0-PASS



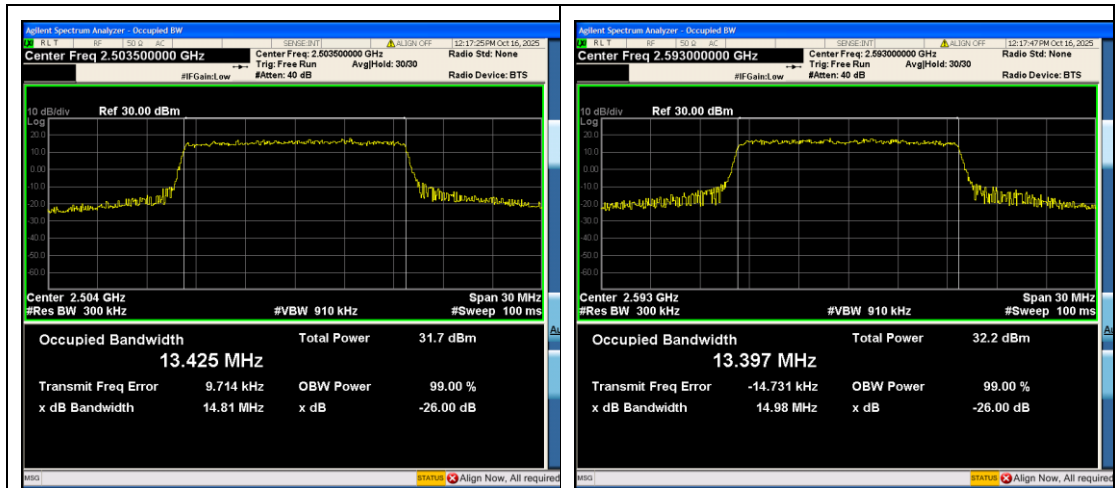
Band41-10MHz-QPSK-41540-50RB#0-PASS

Band41-10MHz-16QAM-39700-50RB#0-PASS



Band41-10MHz-16QAM-40620-50RB#0-PASS

Band41-10MHz-16QAM-41540-50RB#0-PASS



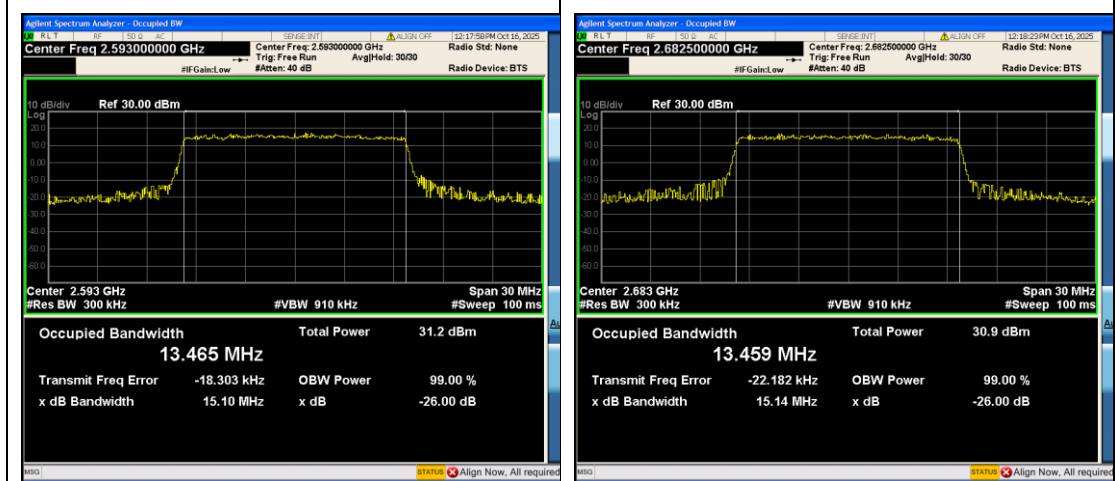
Band41-15MHz-QPSK-39725-75RB#0-PASS

Band41-15MHz-QPSK-40620-75RB#0-PASS



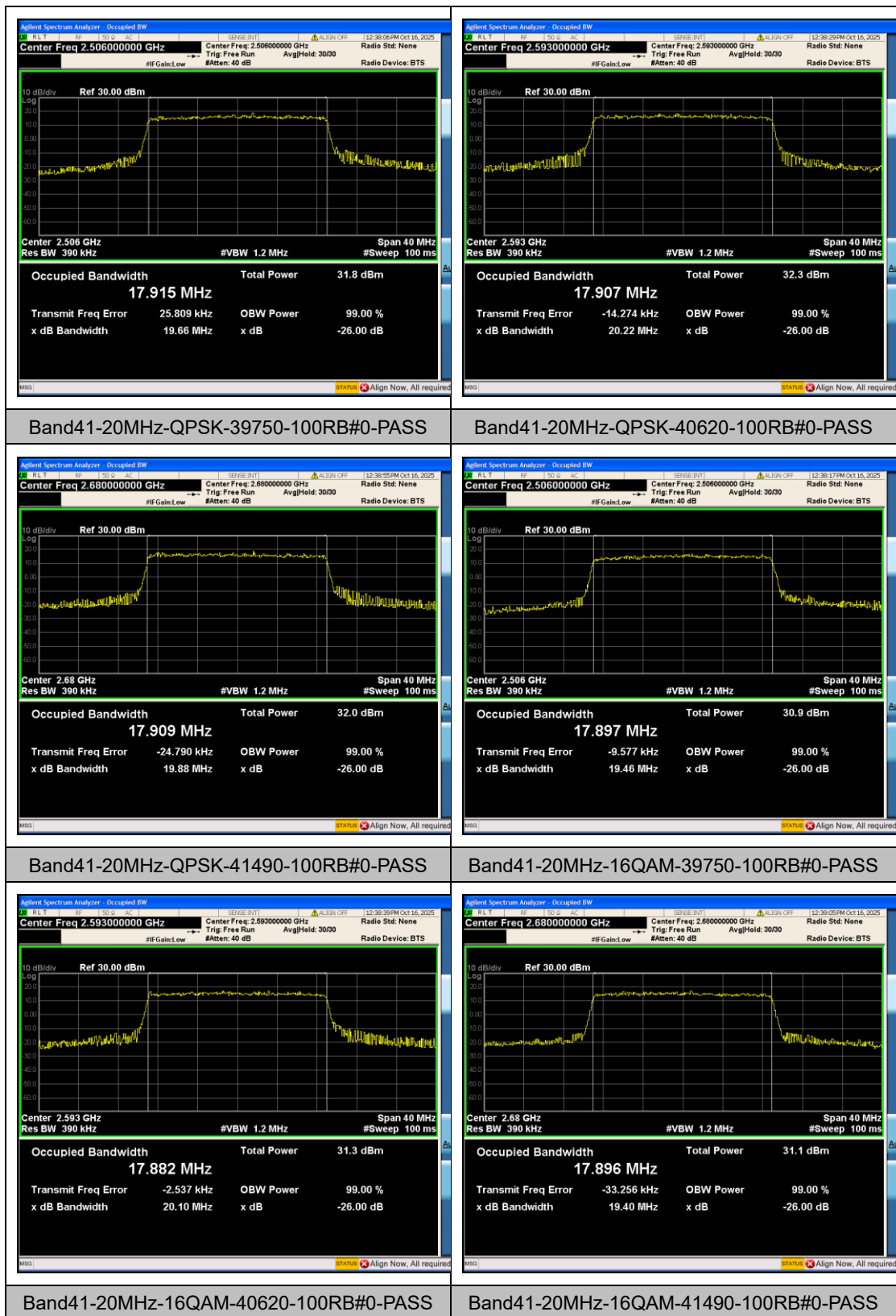
Band41-15MHz-QPSK-41515-75RB#0-PASS

Band41-15MHz-16QAM-39725-75RB#0-PASS



Band41-15MHz-16QAM-40620-75RB#0-PASS

Band41-15MHz-16QAM-41515-75RB#0-PASS

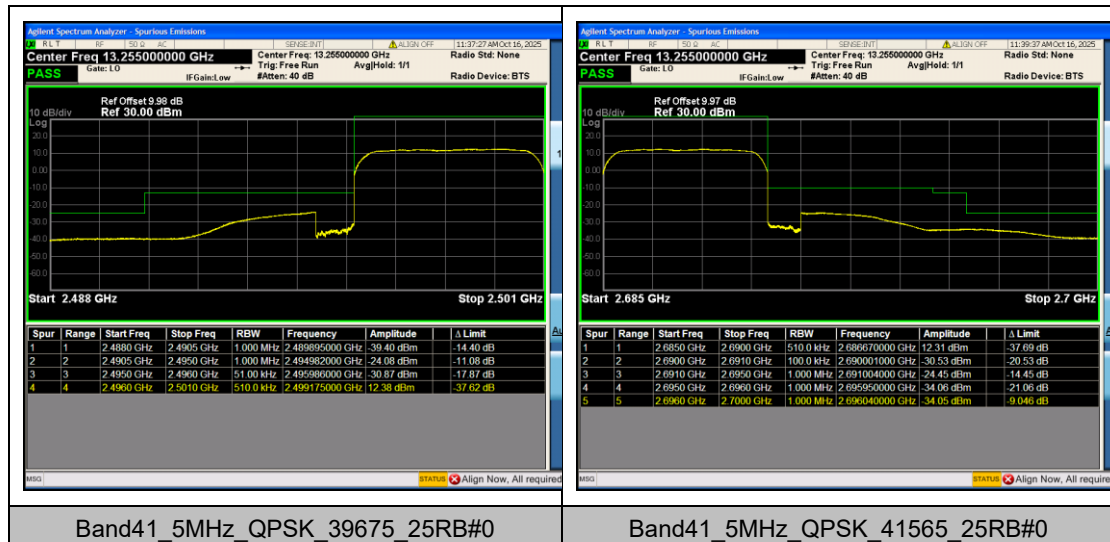


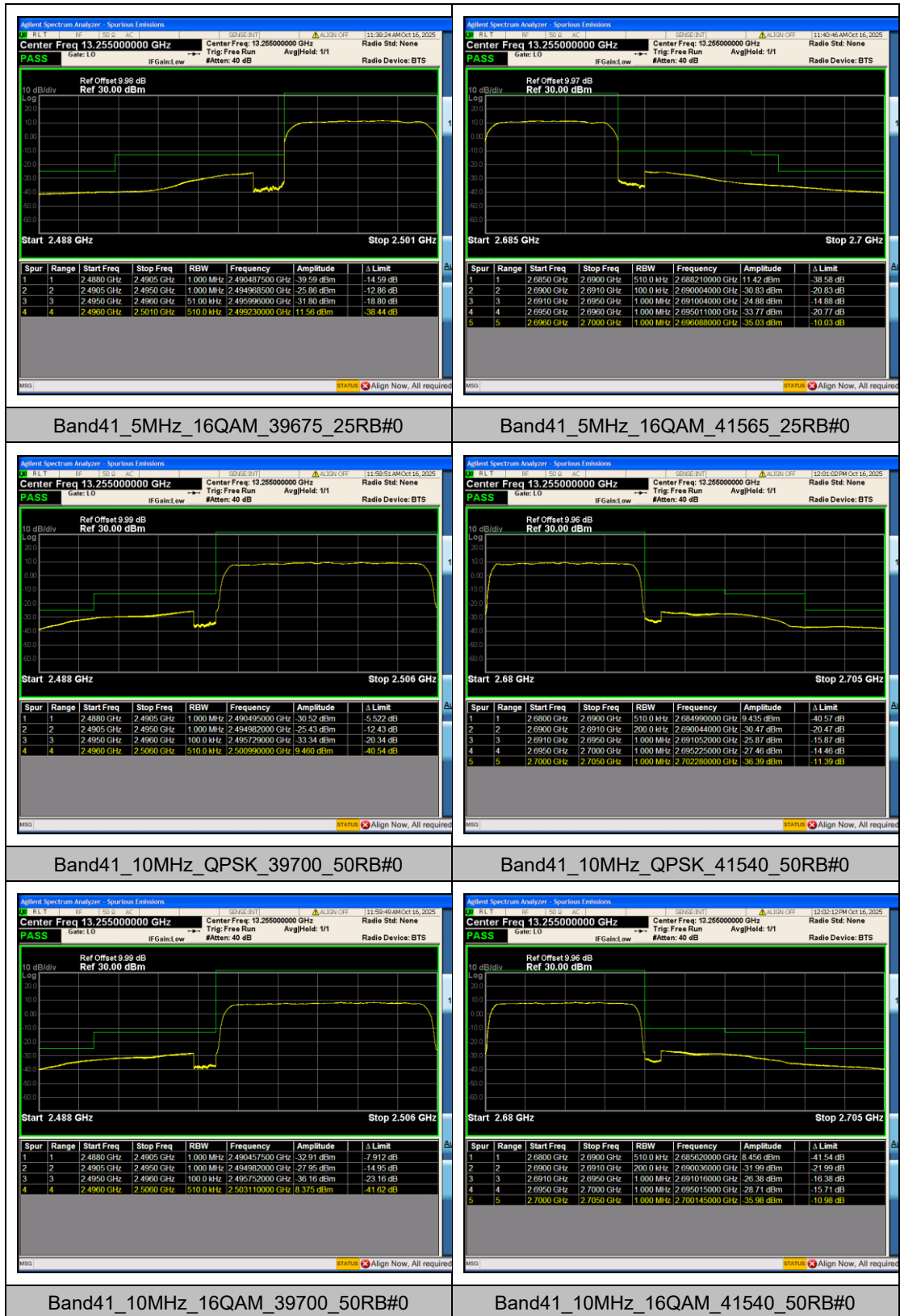
Appendix D: Band Edge

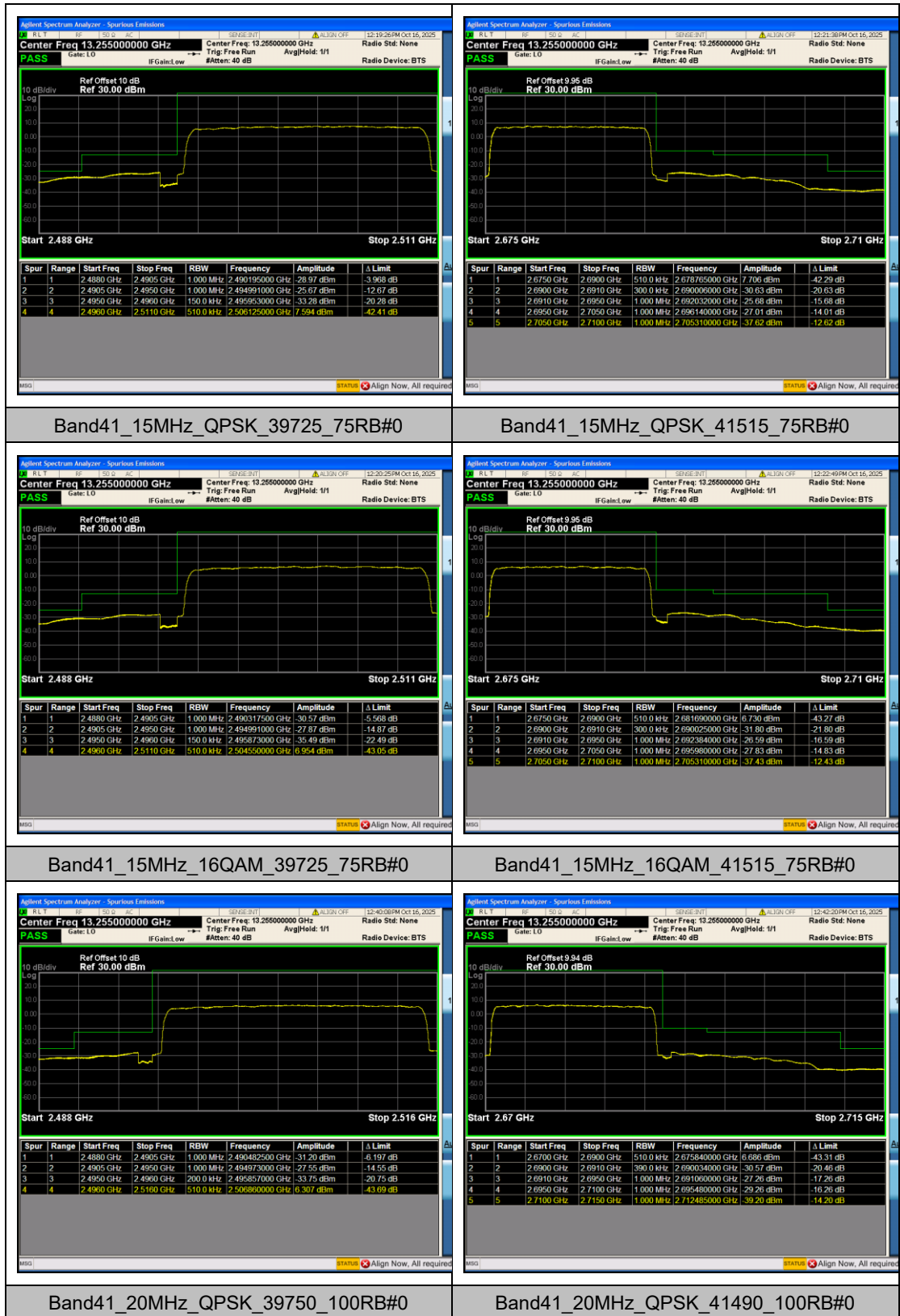
Test Result

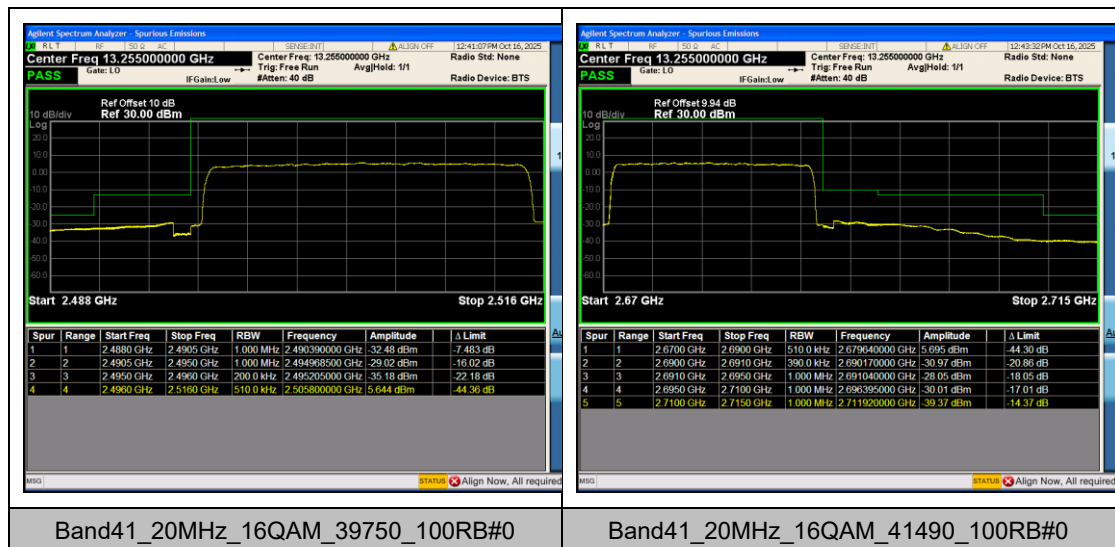
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	-24.08	PASS
Band41	5MHz	QPSK	41565	25RB#0	-34.05	PASS
Band41	5MHz	16QAM	39675	25RB#0	-25.86	PASS
Band41	5MHz	16QAM	41565	25RB#0	-35.03	PASS
Band41	10MHz	QPSK	39700	50RB#0	-30.52	PASS
Band41	10MHz	QPSK	41540	50RB#0	-36.39	PASS
Band41	10MHz	16QAM	39700	50RB#0	-32.91	PASS
Band41	10MHz	16QAM	41540	50RB#0	-35.98	PASS
Band41	15MHz	QPSK	39725	75RB#0	-28.97	PASS
Band41	15MHz	QPSK	41515	75RB#0	-37.62	PASS
Band41	15MHz	16QAM	39725	75RB#0	-30.57	PASS
Band41	15MHz	16QAM	41515	75RB#0	-37.43	PASS
Band41	20MHz	QPSK	39750	100RB#0	-31.20	PASS
Band41	20MHz	QPSK	41490	100RB#0	-39.20	PASS
Band41	20MHz	16QAM	39750	100RB#0	-32.48	PASS
Band41	20MHz	16QAM	41490	100RB#0	-39.37	PASS

Test Graphs









Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	0.009~0.15	-67.49	PASS
Band41	5MHz	QPSK	39675	25RB#0	0.15~30	-63.09	PASS
Band41	5MHz	QPSK	39675	25RB#0	30~1000	-62.60	PASS
Band41	5MHz	QPSK	39675	25RB#0	1000~20000	-38.42	PASS
Band41	5MHz	QPSK	39675	25RB#0	20000~27000	-31.89	PASS
Band41	5MHz	QPSK	40620	25RB#0	0.009~0.15	-66.73	PASS
Band41	5MHz	QPSK	40620	25RB#0	0.15~30	-62.13	PASS
Band41	5MHz	QPSK	40620	25RB#0	30~1000	-62.28	PASS
Band41	5MHz	QPSK	40620	25RB#0	1000~20000	-34.63	PASS
Band41	5MHz	QPSK	40620	25RB#0	20000~27000	-31.75	PASS
Band41	5MHz	QPSK	41565	25RB#0	0.009~0.15	-66.18	PASS
Band41	5MHz	QPSK	41565	25RB#0	0.15~30	-61.36	PASS
Band41	5MHz	QPSK	41565	25RB#0	30~1000	-62.35	PASS
Band41	5MHz	QPSK	41565	25RB#0	1000~20000	-34.47	PASS
Band41	5MHz	QPSK	41565	25RB#0	20000~27000	-31.97	PASS
Band41	5MHz	16QAM	39675	25RB#0	0.009~0.15	-69.47	PASS
Band41	5MHz	16QAM	39675	25RB#0	0.15~30	-60.74	PASS
Band41	5MHz	16QAM	39675	25RB#0	30~1000	-61.99	PASS
Band41	5MHz	16QAM	39675	25RB#0	1000~20000	-38.48	PASS
Band41	5MHz	16QAM	39675	25RB#0	20000~27000	-31.48	PASS
Band41	5MHz	16QAM	40620	25RB#0	0.009~0.15	-65.66	PASS
Band41	5MHz	16QAM	40620	25RB#0	0.15~30	-62.38	PASS
Band41	5MHz	16QAM	40620	25RB#0	30~1000	-62.10	PASS
Band41	5MHz	16QAM	40620	25RB#0	1000~20000	-36.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	20000~27000	-31.88	PASS
Band41	5MHz	16QAM	41565	25RB#0	0.009~0.15	-65.61	PASS
Band41	5MHz	16QAM	41565	25RB#0	0.15~30	-62.73	PASS
Band41	5MHz	16QAM	41565	25RB#0	30~1000	-62.18	PASS
Band41	5MHz	16QAM	41565	25RB#0	1000~20000	-36.39	PASS
Band41	5MHz	16QAM	41565	25RB#0	20000~27000	-31.92	PASS
Band41	10MHz	QPSK	39700	50RB#0	0.009~0.15	-66.16	PASS
Band41	10MHz	QPSK	39700	50RB#0	0.15~30	-60.70	PASS
Band41	10MHz	QPSK	39700	50RB#0	30~1000	-62.33	PASS
Band41	10MHz	QPSK	39700	50RB#0	1000~20000	-38.23	PASS
Band41	10MHz	QPSK	39700	50RB#0	20000~27000	-32.09	PASS
Band41	10MHz	QPSK	40620	50RB#0	0.009~0.15	-65.50	PASS

Band41	10MHz	QPSK	40620	50RB#0	0.15~30	-63.94	PASS
Band41	10MHz	QPSK	40620	50RB#0	30~1000	-62.50	PASS
Band41	10MHz	QPSK	40620	50RB#0	1000~20000	-35.52	PASS
Band41	10MHz	QPSK	40620	50RB#0	20000~27000	-31.97	PASS
Band41	10MHz	QPSK	41540	50RB#0	0.009~0.15	-68.61	PASS
Band41	10MHz	QPSK	41540	50RB#0	0.15~30	-59.25	PASS
Band41	10MHz	QPSK	41540	50RB#0	30~1000	-62.38	PASS
Band41	10MHz	QPSK	41540	50RB#0	1000~20000	-34.22	PASS
Band41	10MHz	QPSK	41540	50RB#0	20000~27000	-32.12	PASS
Band41	10MHz	16QAM	39700	50RB#0	0.009~0.15	-68.45	PASS
Band41	10MHz	16QAM	39700	50RB#0	0.15~30	-59.12	PASS
Band41	10MHz	16QAM	39700	50RB#0	30~1000	-62.07	PASS
Band41	10MHz	16QAM	39700	50RB#0	1000~20000	-37.98	PASS
Band41	10MHz	16QAM	39700	50RB#0	20000~27000	-31.82	PASS
Band41	10MHz	16QAM	40620	50RB#0	0.009~0.15	-65.50	PASS
Band41	10MHz	16QAM	40620	50RB#0	0.15~30	-61.66	PASS
Band41	10MHz	16QAM	40620	50RB#0	30~1000	-62.32	PASS
Band41	10MHz	16QAM	40620	50RB#0	1000~20000	-38.22	PASS
Band41	10MHz	16QAM	40620	50RB#0	20000~27000	-32.02	PASS
Band41	10MHz	16QAM	41540	50RB#0	0.009~0.15	-67.16	PASS
Band41	10MHz	16QAM	41540	50RB#0	0.15~30	-61.15	PASS
Band41	10MHz	16QAM	41540	50RB#0	30~1000	-62.47	PASS
Band41	10MHz	16QAM	41540	50RB#0	1000~20000	-37.62	PASS
Band41	10MHz	16QAM	41540	50RB#0	20000~27000	-31.88	PASS
Band41	15MHz	QPSK	39725	75RB#0	0.009~0.15	-68.15	PASS
Band41	15MHz	QPSK	39725	75RB#0	0.15~30	-62.04	PASS
Band41	15MHz	QPSK	39725	75RB#0	30~1000	-62.42	PASS
Band41	15MHz	QPSK	39725	75RB#0	1000~20000	-38.13	PASS
Band41	15MHz	QPSK	39725	75RB#0	20000~27000	-31.75	PASS
Band41	15MHz	QPSK	40620	75RB#0	0.009~0.15	-64.47	PASS
Band41	15MHz	QPSK	40620	75RB#0	0.15~30	-63.10	PASS
Band41	15MHz	QPSK	40620	75RB#0	30~1000	-62.39	PASS
Band41	15MHz	QPSK	40620	75RB#0	1000~20000	-35.76	PASS
Band41	15MHz	QPSK	40620	75RB#0	20000~27000	-31.89	PASS
Band41	15MHz	QPSK	41515	75RB#0	0.009~0.15	-65.80	PASS
Band41	15MHz	QPSK	41515	75RB#0	0.15~30	-60.59	PASS
Band41	15MHz	QPSK	41515	75RB#0	30~1000	-62.39	PASS
Band41	15MHz	QPSK	41515	75RB#0	1000~20000	-34.31	PASS
Band41	15MHz	QPSK	41515	75RB#0	20000~27000	-32.12	PASS
Band41	15MHz	16QAM	39725	75RB#0	0.009~0.15	-69.16	PASS
Band41	15MHz	16QAM	39725	75RB#0	0.15~30	-61.06	PASS
Band41	15MHz	16QAM	39725	75RB#0	30~1000	-62.12	PASS
Band41	15MHz	16QAM	39725	75RB#0	1000~20000	-38.34	PASS

Band41	15MHz	16QAM	39725	75RB#0	20000~27000	-31.82	PASS
Band41	15MHz	16QAM	40620	75RB#0	0.009~0.15	-66.77	PASS
Band41	15MHz	16QAM	40620	75RB#0	0.15~30	-61.59	PASS
Band41	15MHz	16QAM	40620	75RB#0	30~1000	-62.35	PASS
Band41	15MHz	16QAM	40620	75RB#0	1000~20000	-36.89	PASS
Band41	15MHz	16QAM	40620	75RB#0	20000~27000	-32.13	PASS
Band41	15MHz	16QAM	41515	75RB#0	0.009~0.15	-66.33	PASS
Band41	15MHz	16QAM	41515	75RB#0	0.15~30	-59.87	PASS
Band41	15MHz	16QAM	41515	75RB#0	30~1000	-62.20	PASS
Band41	15MHz	16QAM	41515	75RB#0	1000~20000	-36.23	PASS
Band41	15MHz	16QAM	41515	75RB#0	20000~27000	-32.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	0.009~0.15	-69.53	PASS
Band41	20MHz	QPSK	39750	100RB#0	0.15~30	-59.78	PASS
Band41	20MHz	QPSK	39750	100RB#0	30~1000	-62.41	PASS
Band41	20MHz	QPSK	39750	100RB#0	1000~20000	-38.62	PASS
Band41	20MHz	QPSK	39750	100RB#0	20000~27000	-32.13	PASS
Band41	20MHz	QPSK	40620	100RB#0	0.009~0.15	-65.43	PASS
Band41	20MHz	QPSK	40620	100RB#0	0.15~30	-60.86	PASS
Band41	20MHz	QPSK	40620	100RB#0	30~1000	-62.42	PASS
Band41	20MHz	QPSK	40620	100RB#0	1000~20000	-37.51	PASS
Band41	20MHz	QPSK	40620	100RB#0	20000~27000	-32.10	PASS
Band41	20MHz	QPSK	41490	100RB#0	0.009~0.15	-68.21	PASS
Band41	20MHz	QPSK	41490	100RB#0	0.15~30	-59.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	30~1000	-62.34	PASS
Band41	20MHz	QPSK	41490	100RB#0	1000~20000	-38.05	PASS
Band41	20MHz	QPSK	41490	100RB#0	20000~27000	-32.14	PASS
Band41	20MHz	16QAM	39750	100RB#0	0.009~0.15	-67.27	PASS
Band41	20MHz	16QAM	39750	100RB#0	0.15~30	-63.79	PASS
Band41	20MHz	16QAM	39750	100RB#0	30~1000	-62.25	PASS
Band41	20MHz	16QAM	39750	100RB#0	1000~20000	-38.60	PASS
Band41	20MHz	16QAM	39750	100RB#0	20000~27000	-32.06	PASS
Band41	20MHz	16QAM	40620	100RB#0	0.009~0.15	-67.50	PASS
Band41	20MHz	16QAM	40620	100RB#0	0.15~30	-63.24	PASS
Band41	20MHz	16QAM	40620	100RB#0	30~1000	-62.13	PASS
Band41	20MHz	16QAM	40620	100RB#0	1000~20000	-38.27	PASS
Band41	20MHz	16QAM	40620	100RB#0	20000~27000	-32.08	PASS
Band41	20MHz	16QAM	41490	100RB#0	0.009~0.15	-67.98	PASS
Band41	20MHz	16QAM	41490	100RB#0	0.15~30	-58.16	PASS
Band41	20MHz	16QAM	41490	100RB#0	30~1000	-62.13	PASS
Band41	20MHz	16QAM	41490	100RB#0	1000~20000	-38.73	PASS
Band41	20MHz	16QAM	41490	100RB#0	20000~27000	-31.91	PASS