

FCC Appendix RF Test Data for LTE Band 4

FCC ID : 2BVLN-QS-1208

Company : Wuhan Qinggou Intelligent Technology Co., Ltd.

EUT : Qingo AI Vending

Model Number : QS-1208CRSW(G)-US

Report No. : CTA26071002302

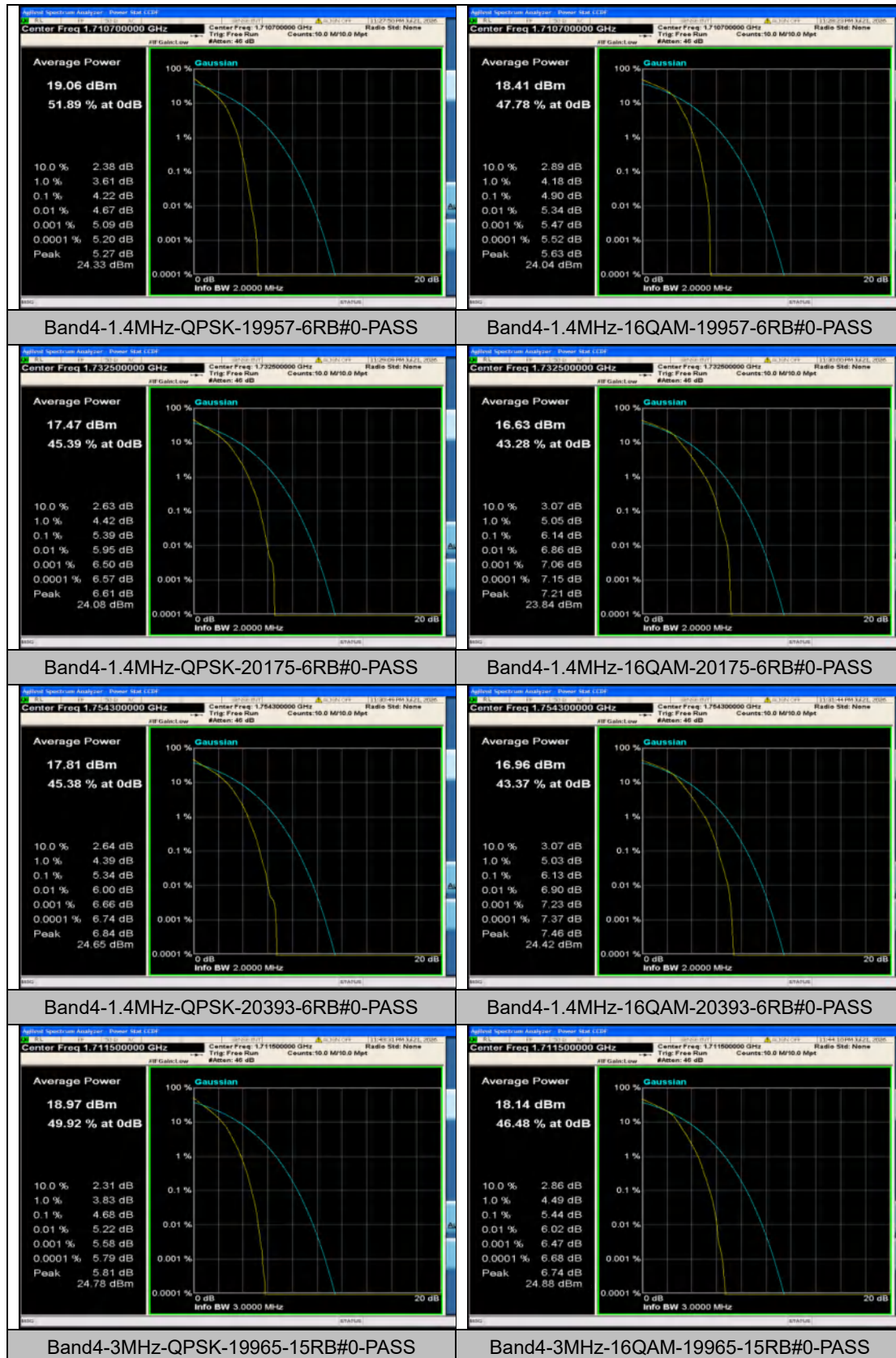
Reviewed By : Eric Wang

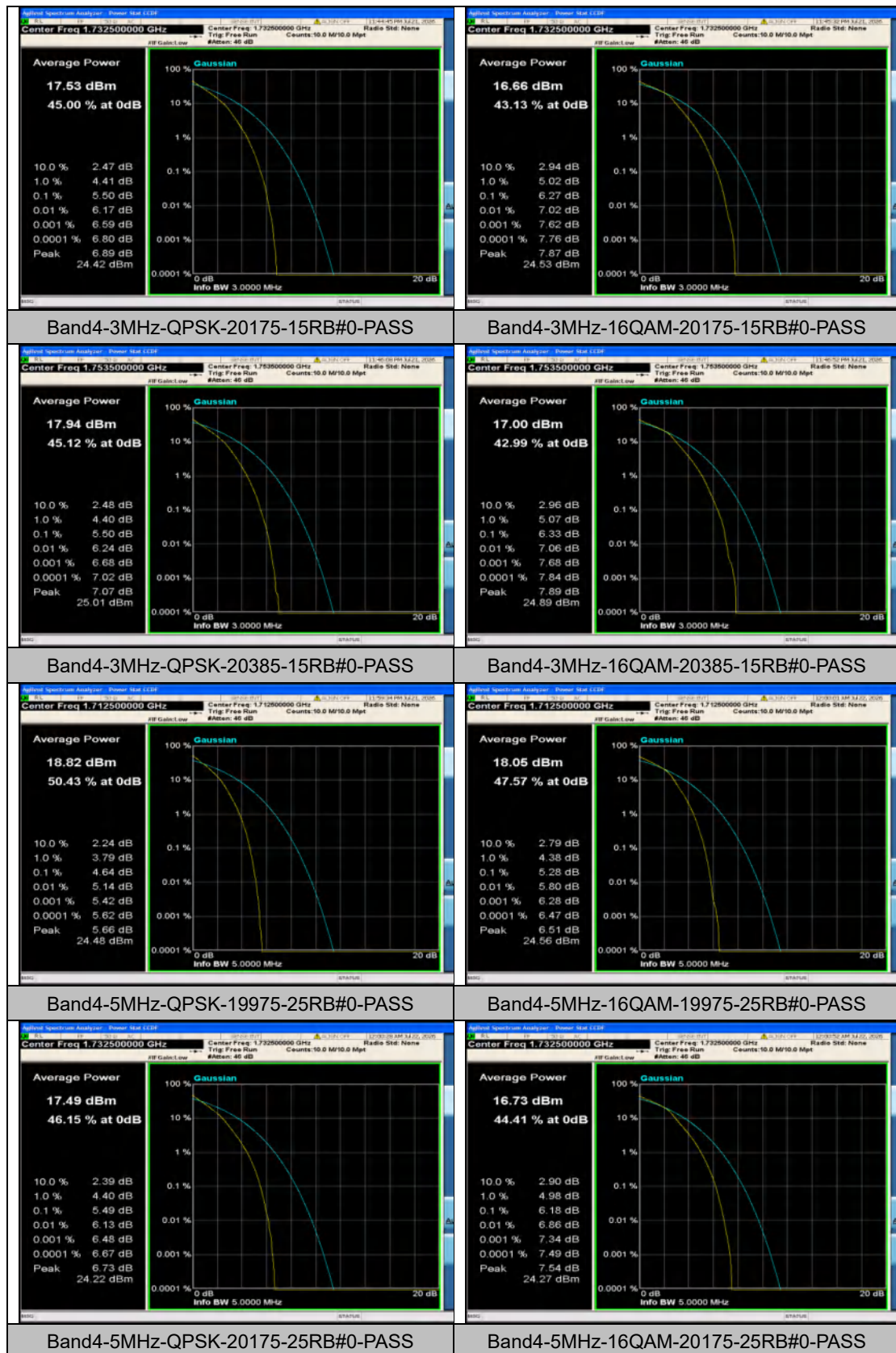
Appendix B: Peak-to-Average Ratio(CCDF)

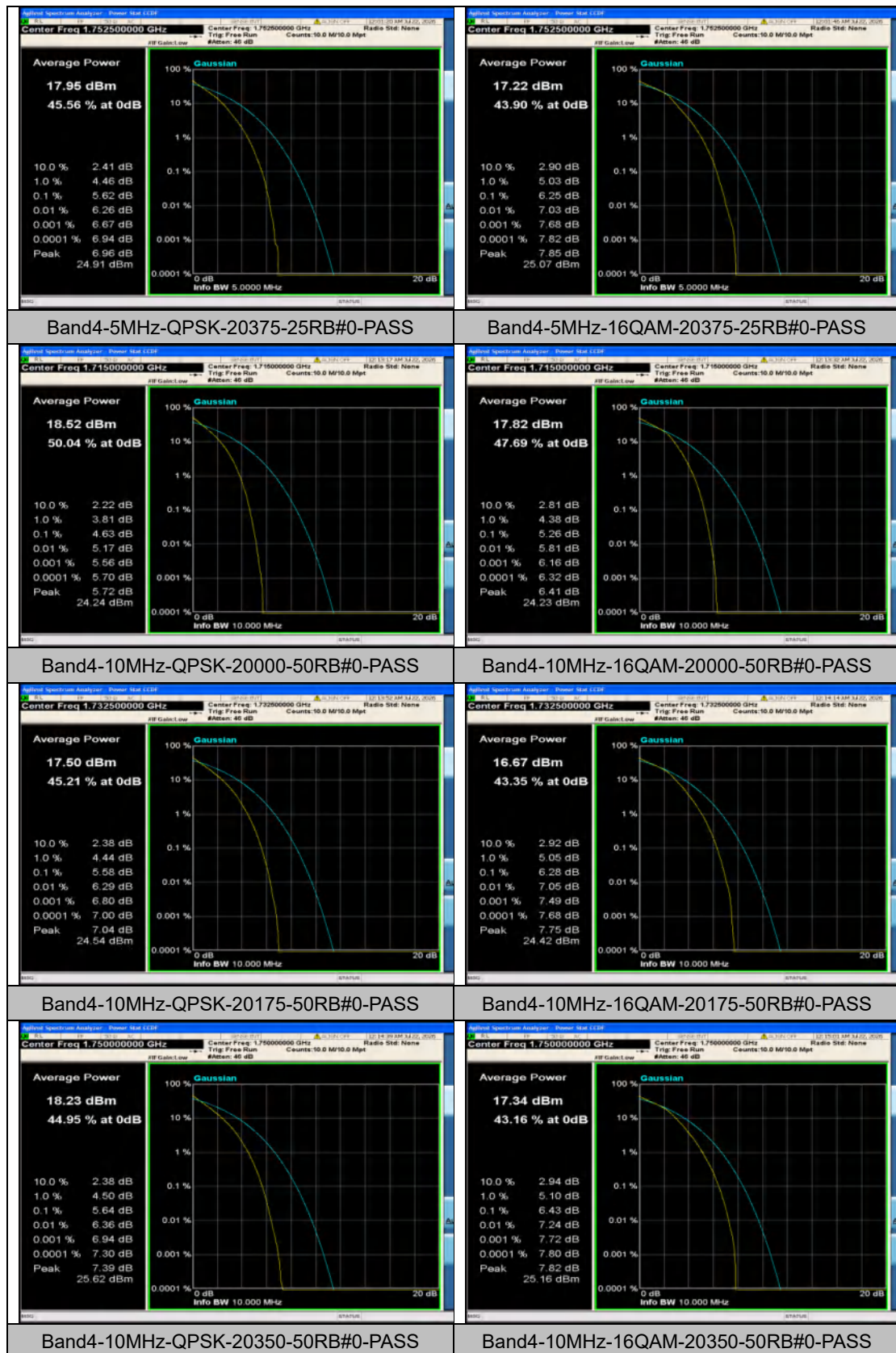
Test Result

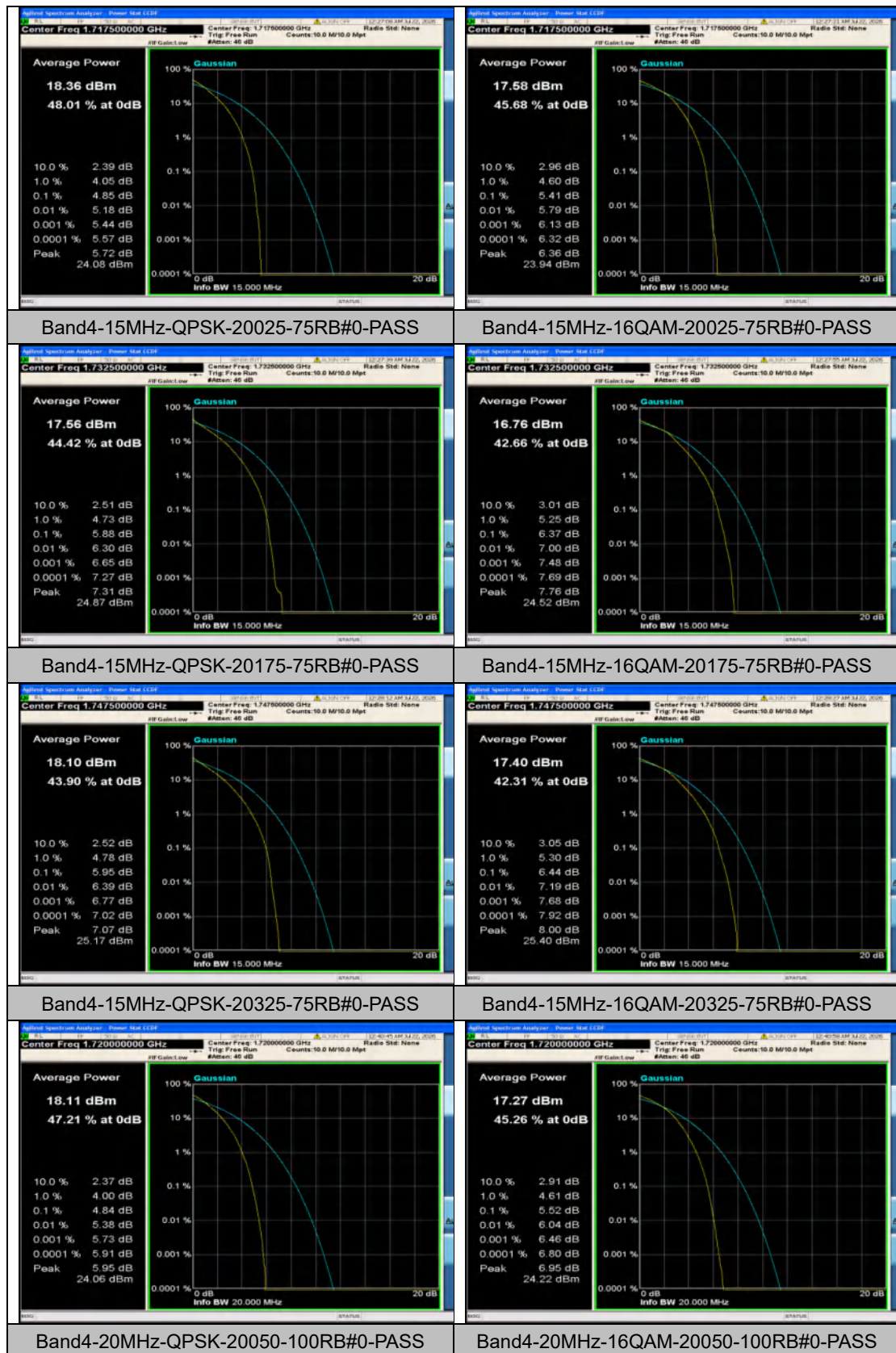
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	4.22	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	4.90	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.39	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.14	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.34	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.13	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.68	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.44	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.50	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.27	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.50	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.33	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.64	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.28	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.49	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.18	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.62	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.25	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.63	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.26	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.58	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.28	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.64	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.43	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	4.85	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.41	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.88	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.37	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.95	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.44	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	4.84	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.52	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.68	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.40	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.73	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.44	13	PASS

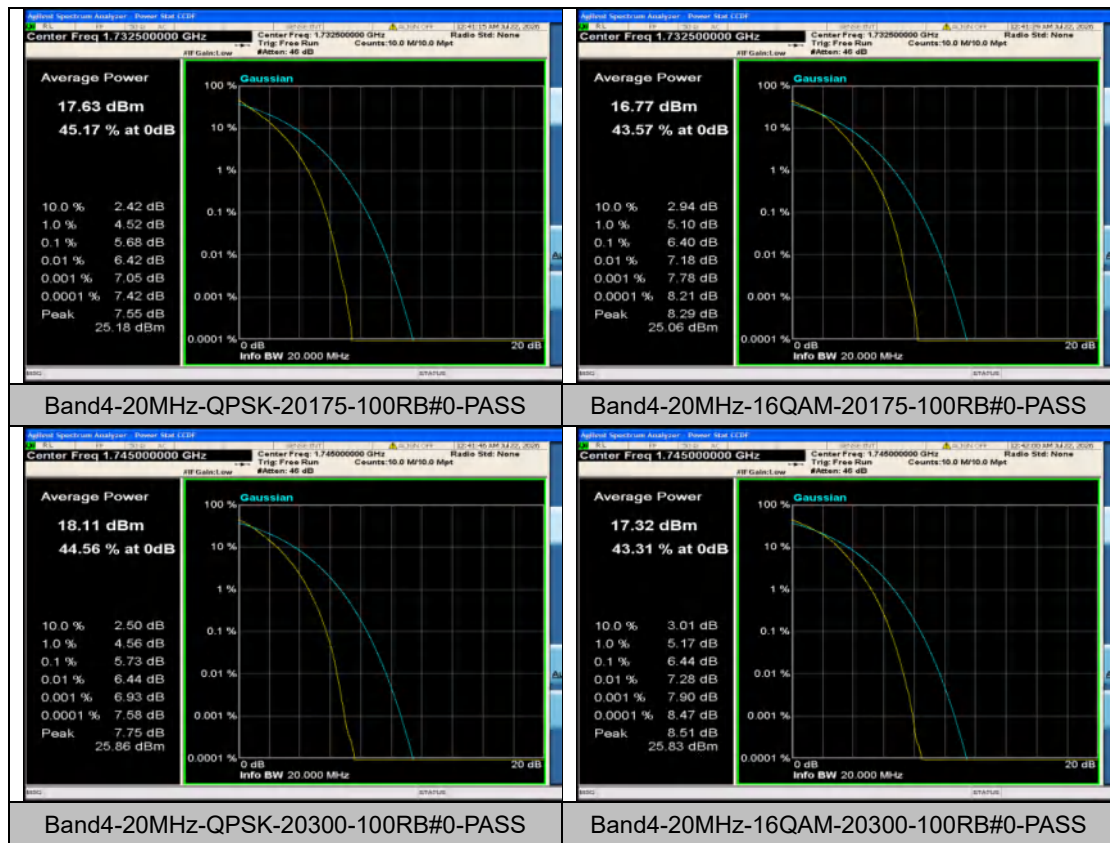
Test Graphs









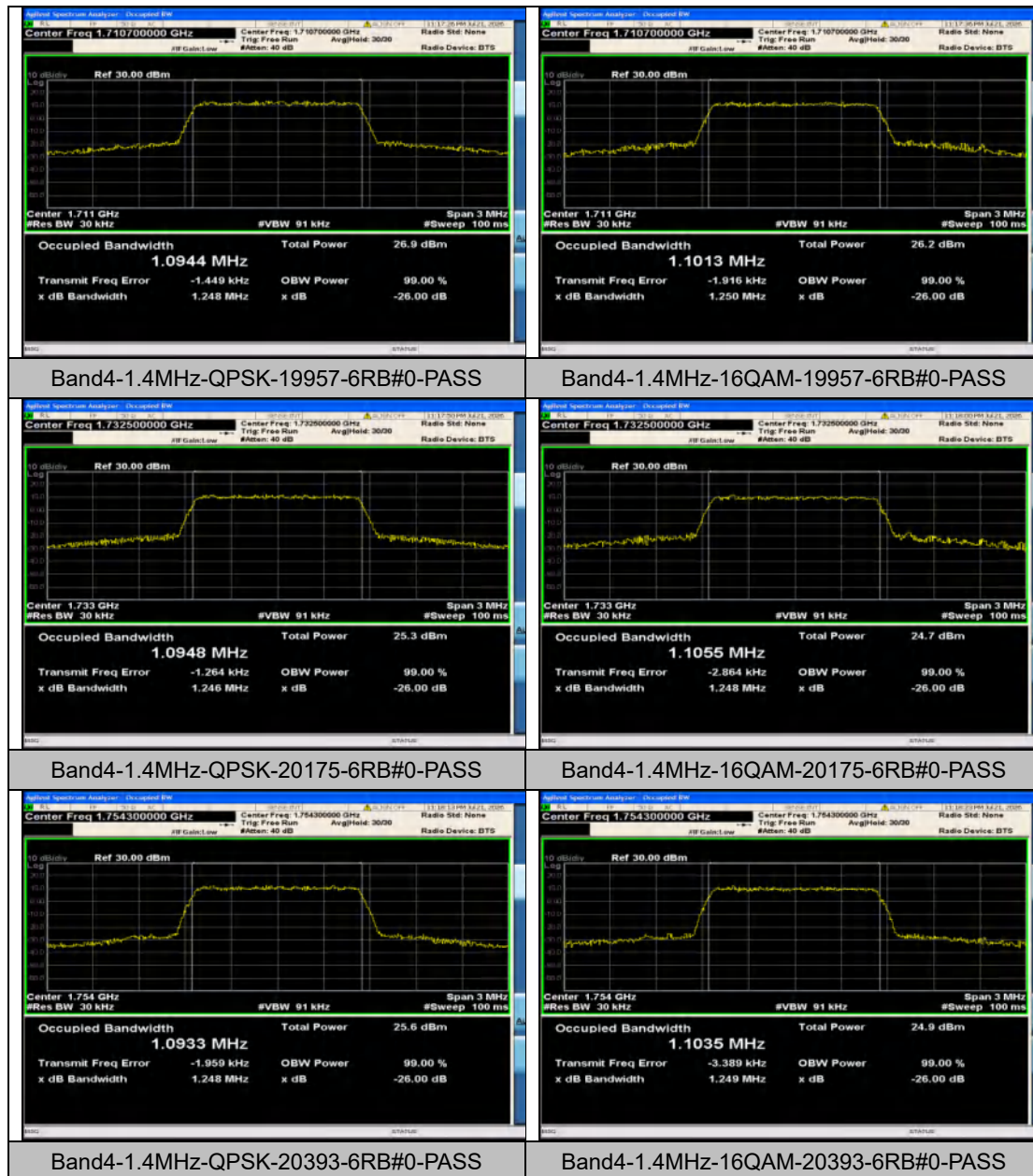


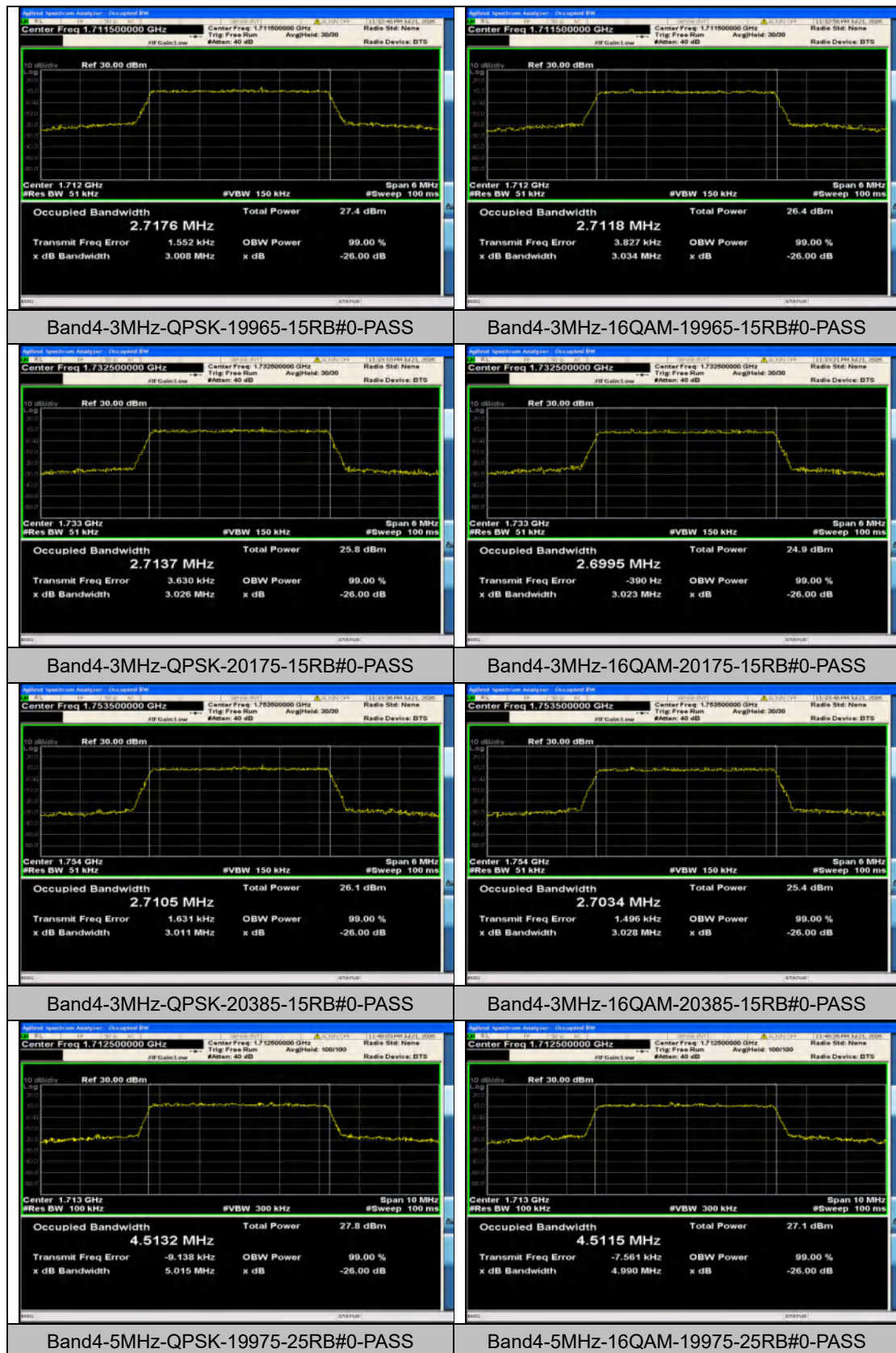
Appendix C: 26dB Bandwidth and Occupied Bandwidth

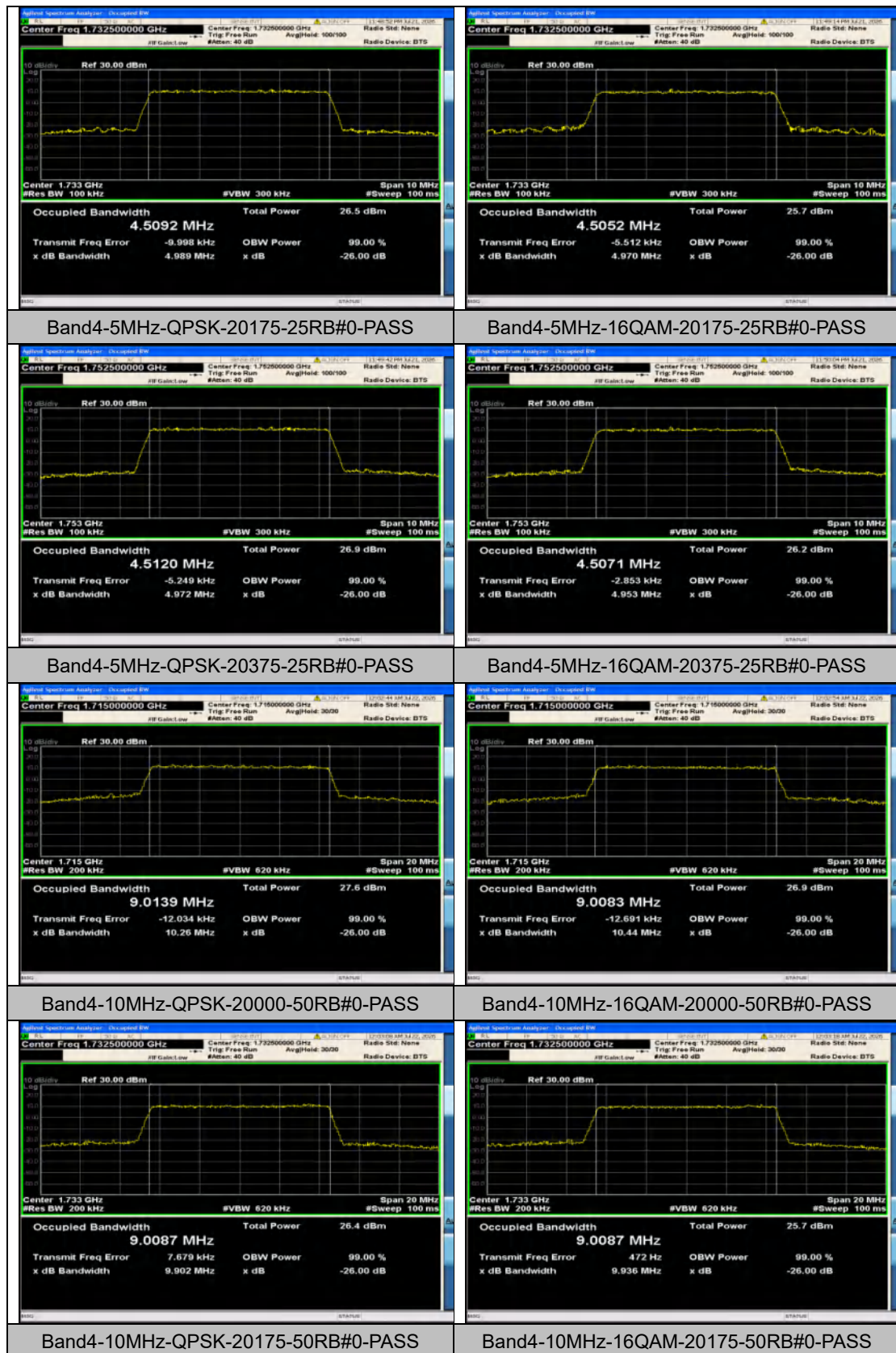
Test Result

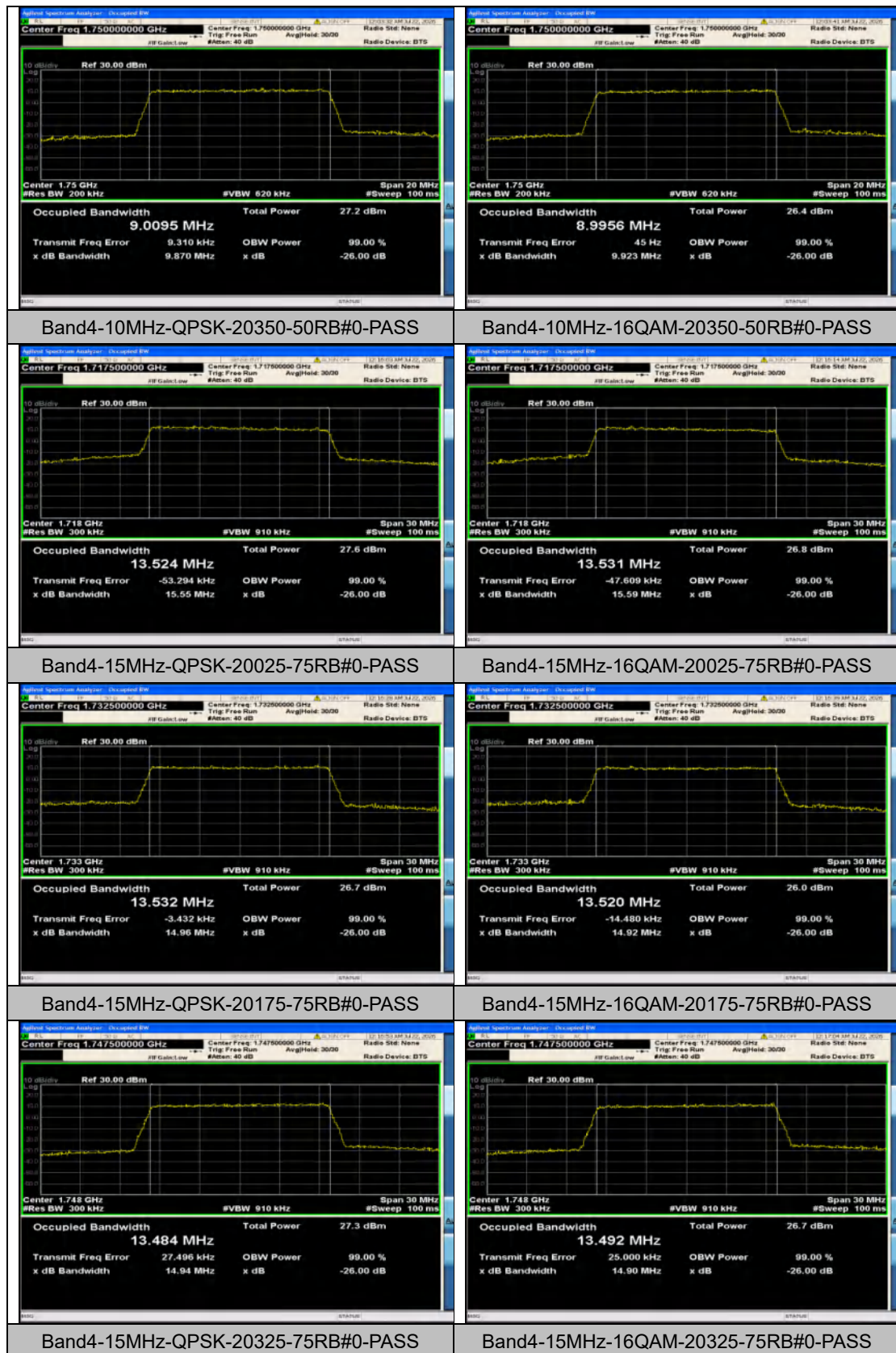
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0944	1.248	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1013	1.250	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0948	1.246	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1055	1.248	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0933	1.248	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1035	1.249	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7176	3.008	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7118	3.034	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7137	3.026	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6995	3.023	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7105	3.011	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7034	3.028	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5132	5.015	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5115	4.990	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5092	4.989	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5052	4.970	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5120	4.972	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5071	4.953	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0139	10.26	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0083	10.44	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0087	9.902	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0087	9.936	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0095	9.870	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9956	9.923	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.524	15.55	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.531	15.59	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.532	14.96	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.520	14.92	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.484	14.94	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.492	14.90	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.045	21.55	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.065	19.93	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.097	19.81	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.101	19.79	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.027	19.75	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.010	19.66	PASS

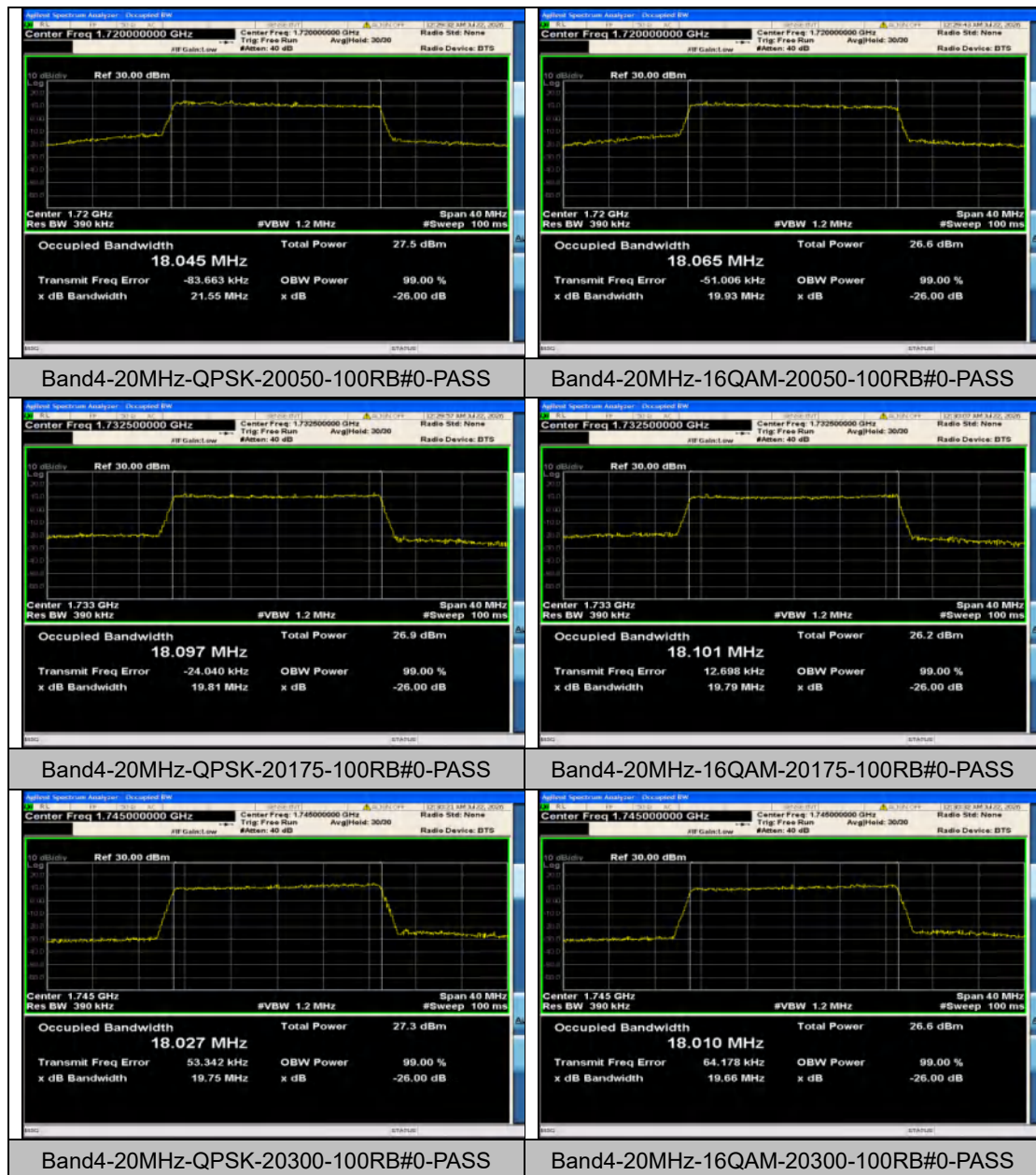
Test Graphs









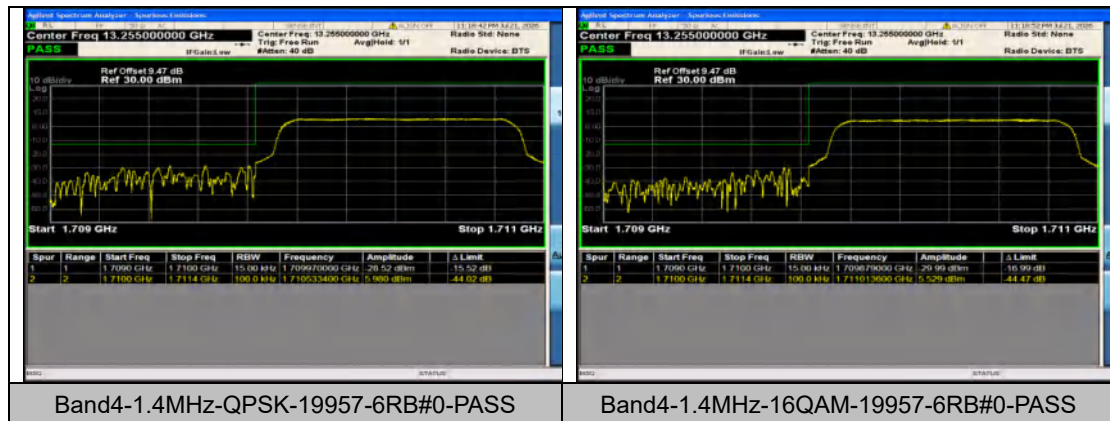


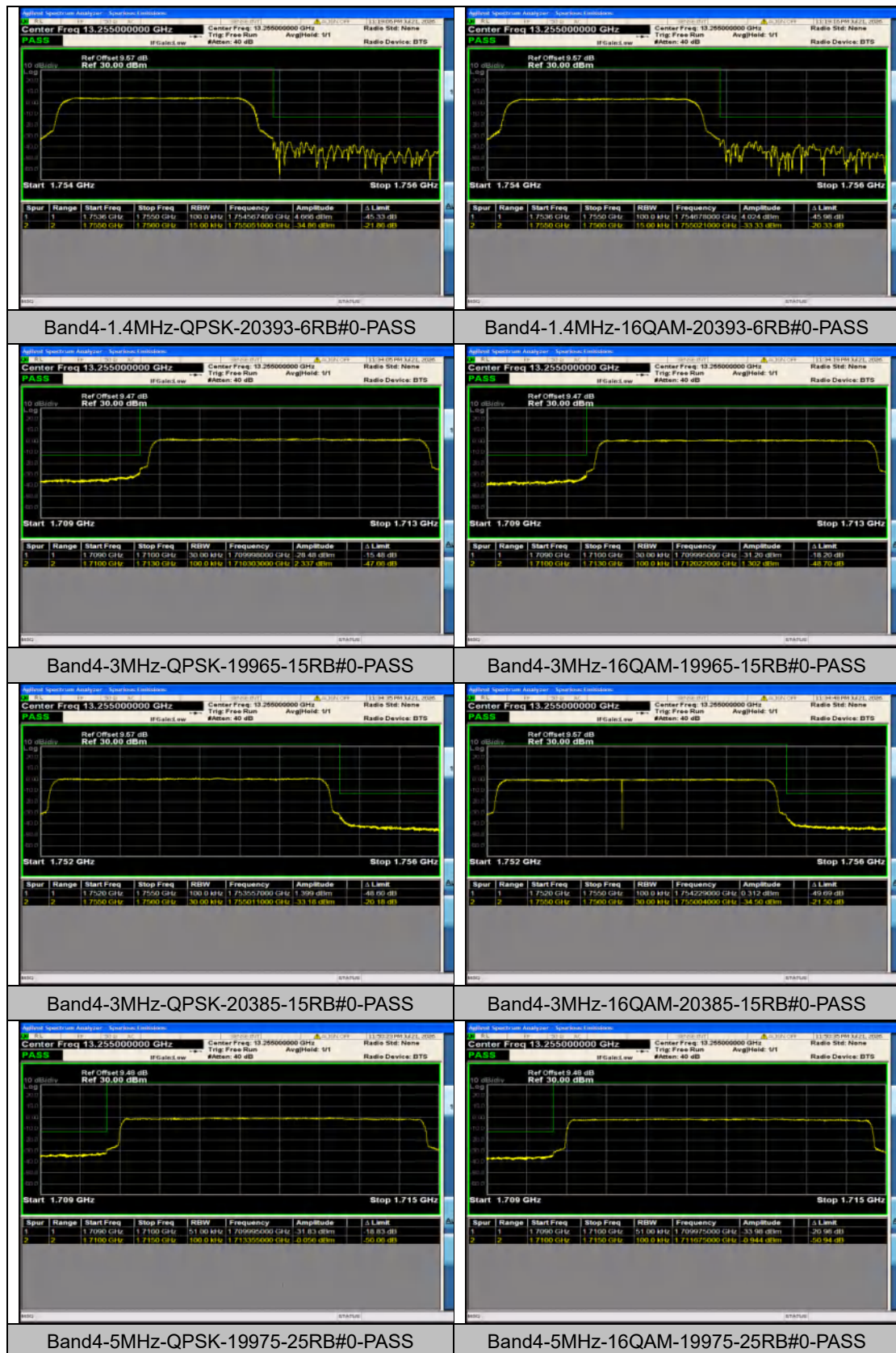
Appendix D: Band Edge

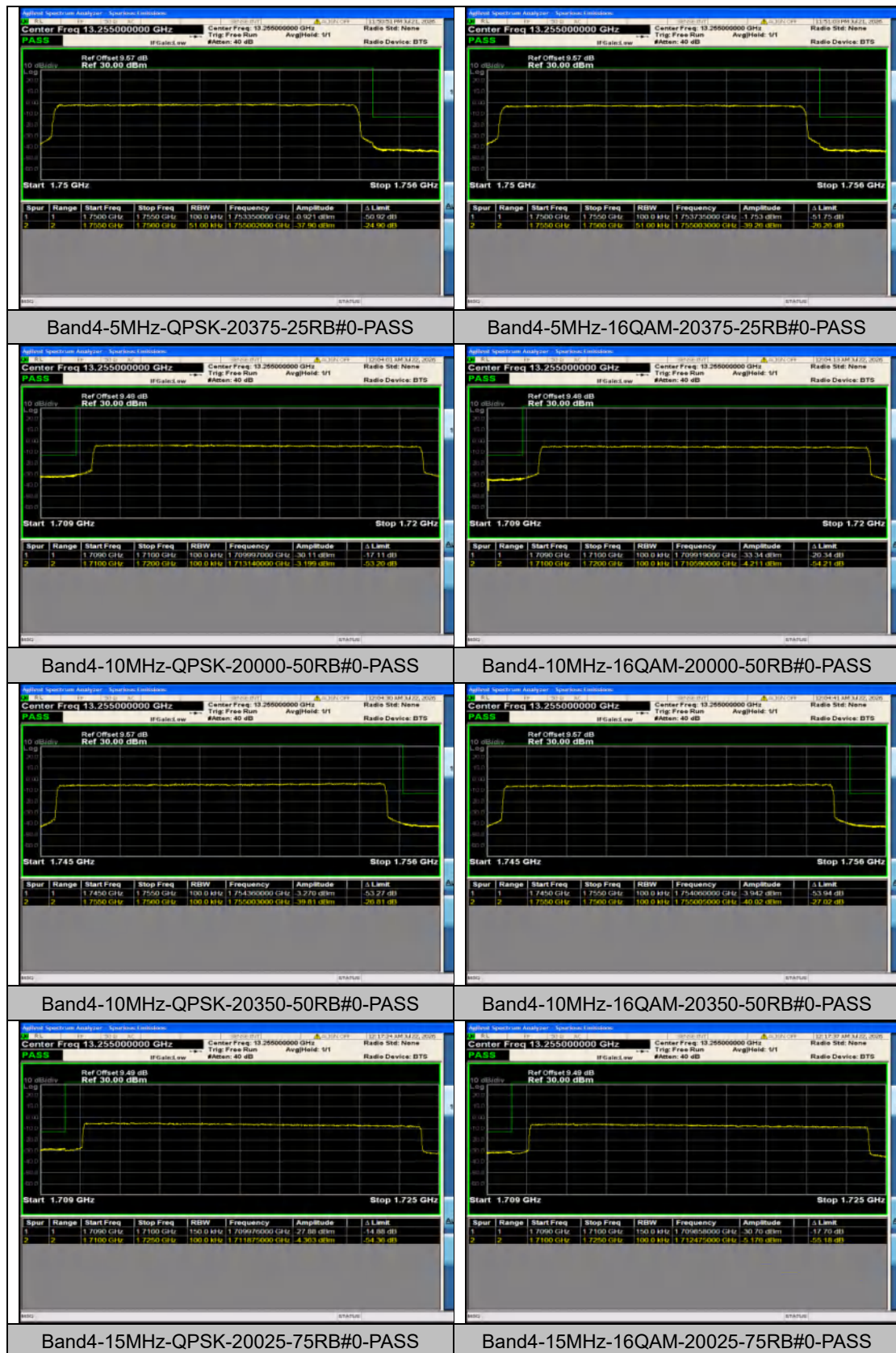
Test Result

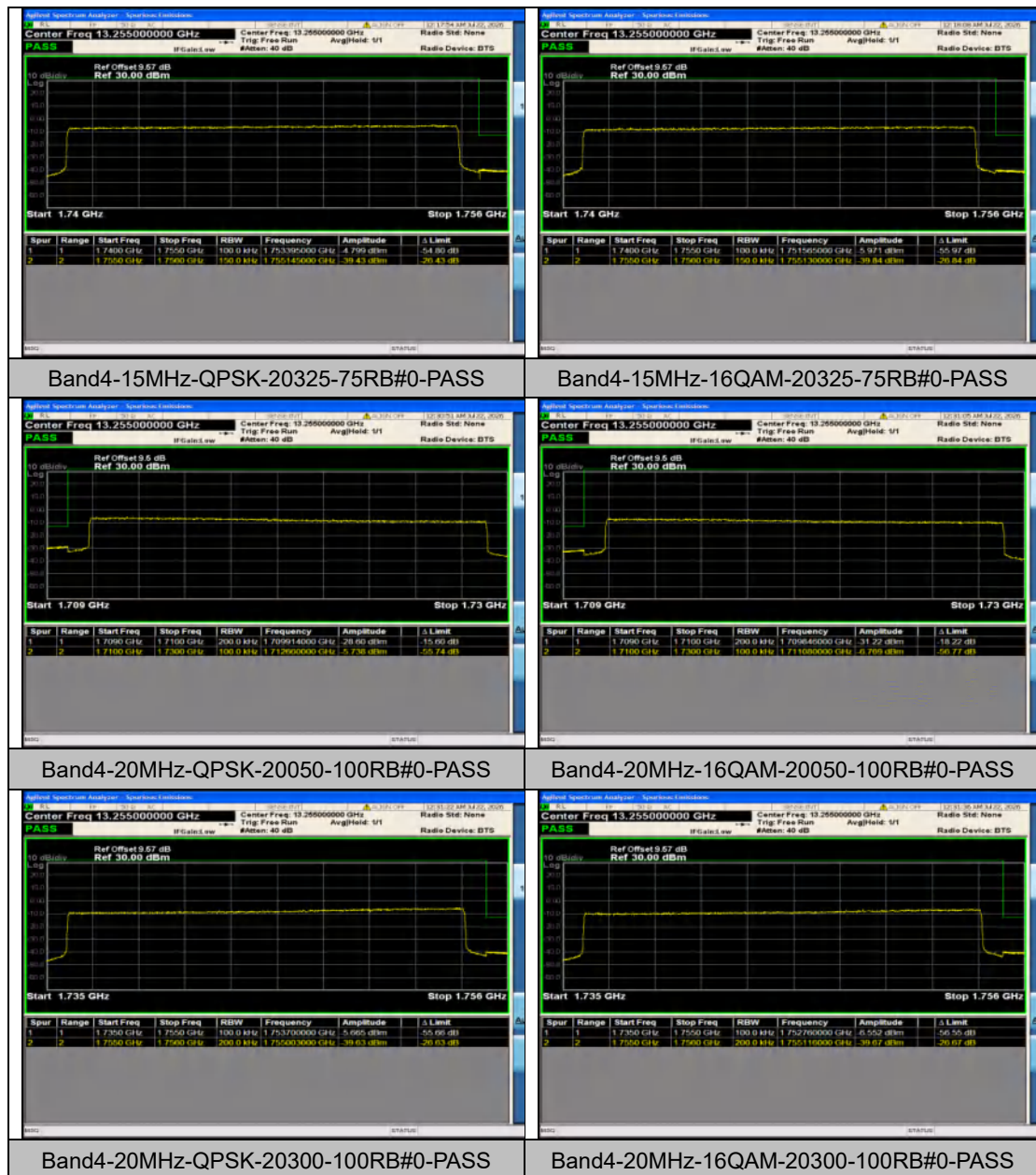
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-28.52	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-29.99	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-34.86	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-33.33	PASS
Band4	3MHz	QPSK	19965	15RB#0	-28.48	PASS
Band4	3MHz	16QAM	19965	15RB#0	-31.20	PASS
Band4	3MHz	QPSK	20385	15RB#0	-33.18	PASS
Band4	3MHz	16QAM	20385	15RB#0	-34.50	PASS
Band4	5MHz	QPSK	19975	25RB#0	-31.83	PASS
Band4	5MHz	16QAM	19975	25RB#0	-33.98	PASS
Band4	5MHz	QPSK	20375	25RB#0	-37.90	PASS
Band4	5MHz	16QAM	20375	25RB#0	-39.26	PASS
Band4	10MHz	QPSK	20000	50RB#0	-30.11	PASS
Band4	10MHz	16QAM	20000	50RB#0	-33.34	PASS
Band4	10MHz	QPSK	20350	50RB#0	-39.81	PASS
Band4	10MHz	16QAM	20350	50RB#0	-40.02	PASS
Band4	15MHz	QPSK	20025	75RB#0	-27.88	PASS
Band4	15MHz	16QAM	20025	75RB#0	-30.70	PASS
Band4	15MHz	QPSK	20325	75RB#0	-39.43	PASS
Band4	15MHz	16QAM	20325	75RB#0	-39.84	PASS
Band4	20MHz	QPSK	20050	100RB#0	-28.60	PASS
Band4	20MHz	16QAM	20050	100RB#0	-31.22	PASS
Band4	20MHz	QPSK	20300	100RB#0	-39.63	PASS
Band4	20MHz	16QAM	20300	100RB#0	-39.67	PASS

Test Graphs









Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	0.009~0.15	-60.03	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	0.15~30	-51.67	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	30~1000	-57.90	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1000~3000	-26.71	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	3000~20000	-38.55	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	0.009~0.15	-60.23	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	0.15~30	-50.97	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	30~1000	-58.30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1000~3000	-27.98	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	3000~20000	-38.93	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	0.009~0.15	-58.48	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	0.15~30	-51.32	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	30~1000	-58.12	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1000~3000	-48.16	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	3000~20000	-38.78	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	0.009~0.15	-60.63	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	0.15~30	-50.82	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	30~1000	-57.63	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1000~3000	-48.33	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	3000~20000	-38.66	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	0.009~0.15	-60.67	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	0.15~30	-53.61	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	30~1000	-58.51	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1000~3000	-29.27	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	3000~20000	-38.60	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	0.009~0.15	-59.57	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	0.15~30	-54.53	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	30~1000	-57.93	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1000~3000	-32.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	3000~20000	-38.83	PASS
Band4	3MHz	QPSK	19965	15RB#0	0.009~0.15	-57.43	PASS
Band4	3MHz	QPSK	19965	15RB#0	0.15~30	-48.41	PASS
Band4	3MHz	QPSK	19965	15RB#0	30~1000	-58.41	PASS
Band4	3MHz	QPSK	19965	15RB#0	1000~3000	-20.09	PASS
Band4	3MHz	QPSK	19965	15RB#0	3000~20000	-38.79	PASS
Band4	3MHz	16QAM	19965	15RB#0	0.009~0.15	-58.70	PASS

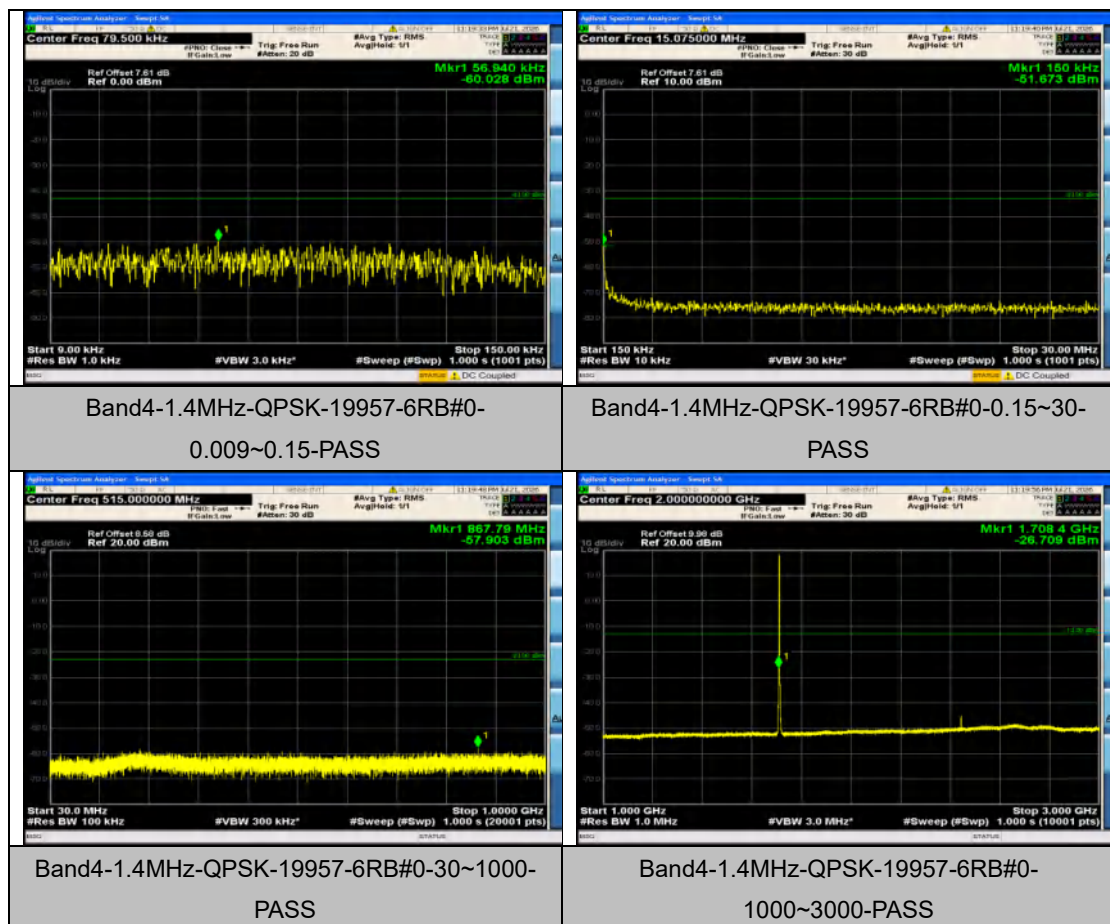
Band4	3MHz	16QAM	19965	15RB#0	0.15~30	-51.16	PASS
Band4	3MHz	16QAM	19965	15RB#0	30~1000	-45.39	PASS
Band4	3MHz	16QAM	19965	15RB#0	1000~3000	-22.15	PASS
Band4	3MHz	16QAM	19965	15RB#0	3000~20000	-37.56	PASS
Band4	3MHz	QPSK	20175	15RB#0	0.009~0.15	-60.48	PASS
Band4	3MHz	QPSK	20175	15RB#0	0.15~30	-52.21	PASS
Band4	3MHz	QPSK	20175	15RB#0	30~1000	-57.35	PASS
Band4	3MHz	QPSK	20175	15RB#0	1000~3000	-47.91	PASS
Band4	3MHz	QPSK	20175	15RB#0	3000~20000	-38.49	PASS
Band4	3MHz	16QAM	20175	15RB#0	0.009~0.15	-59.08	PASS
Band4	3MHz	16QAM	20175	15RB#0	0.15~30	-50.92	PASS
Band4	3MHz	16QAM	20175	15RB#0	30~1000	-58.20	PASS
Band4	3MHz	16QAM	20175	15RB#0	1000~3000	-48.08	PASS
Band4	3MHz	16QAM	20175	15RB#0	3000~20000	-38.53	PASS
Band4	3MHz	QPSK	20385	15RB#0	0.009~0.15	-59.71	PASS
Band4	3MHz	QPSK	20385	15RB#0	0.15~30	-52.61	PASS
Band4	3MHz	QPSK	20385	15RB#0	30~1000	-58.29	PASS
Band4	3MHz	QPSK	20385	15RB#0	1000~3000	-28.76	PASS
Band4	3MHz	QPSK	20385	15RB#0	3000~20000	-38.63	PASS
Band4	3MHz	16QAM	20385	15RB#0	0.009~0.15	-58.71	PASS
Band4	3MHz	16QAM	20385	15RB#0	0.15~30	-51.95	PASS
Band4	3MHz	16QAM	20385	15RB#0	30~1000	-58.14	PASS
Band4	3MHz	16QAM	20385	15RB#0	1000~3000	-28.26	PASS
Band4	3MHz	16QAM	20385	15RB#0	3000~20000	-39.02	PASS
Band4	5MHz	QPSK	19975	25RB#0	0.009~0.15	-59.89	PASS
Band4	5MHz	QPSK	19975	25RB#0	0.15~30	-52.32	PASS
Band4	5MHz	QPSK	19975	25RB#0	30~1000	-58.37	PASS
Band4	5MHz	QPSK	19975	25RB#0	1000~3000	-19.03	PASS
Band4	5MHz	QPSK	19975	25RB#0	3000~20000	-38.72	PASS
Band4	5MHz	16QAM	19975	25RB#0	0.009~0.15	-59.03	PASS
Band4	5MHz	16QAM	19975	25RB#0	0.15~30	-51.11	PASS
Band4	5MHz	16QAM	19975	25RB#0	30~1000	-58.20	PASS
Band4	5MHz	16QAM	19975	25RB#0	1000~3000	-22.42	PASS
Band4	5MHz	16QAM	19975	25RB#0	3000~20000	-38.63	PASS
Band4	5MHz	QPSK	20175	25RB#0	0.009~0.15	-60.54	PASS
Band4	5MHz	QPSK	20175	25RB#0	0.15~30	-52.26	PASS
Band4	5MHz	QPSK	20175	25RB#0	30~1000	-58.11	PASS
Band4	5MHz	QPSK	20175	25RB#0	1000~3000	-48.26	PASS
Band4	5MHz	QPSK	20175	25RB#0	3000~20000	-38.51	PASS
Band4	5MHz	16QAM	20175	25RB#0	0.009~0.15	-60.72	PASS
Band4	5MHz	16QAM	20175	25RB#0	0.15~30	-52.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	30~1000	-58.60	PASS
Band4	5MHz	16QAM	20175	25RB#0	1000~3000	-48.40	PASS

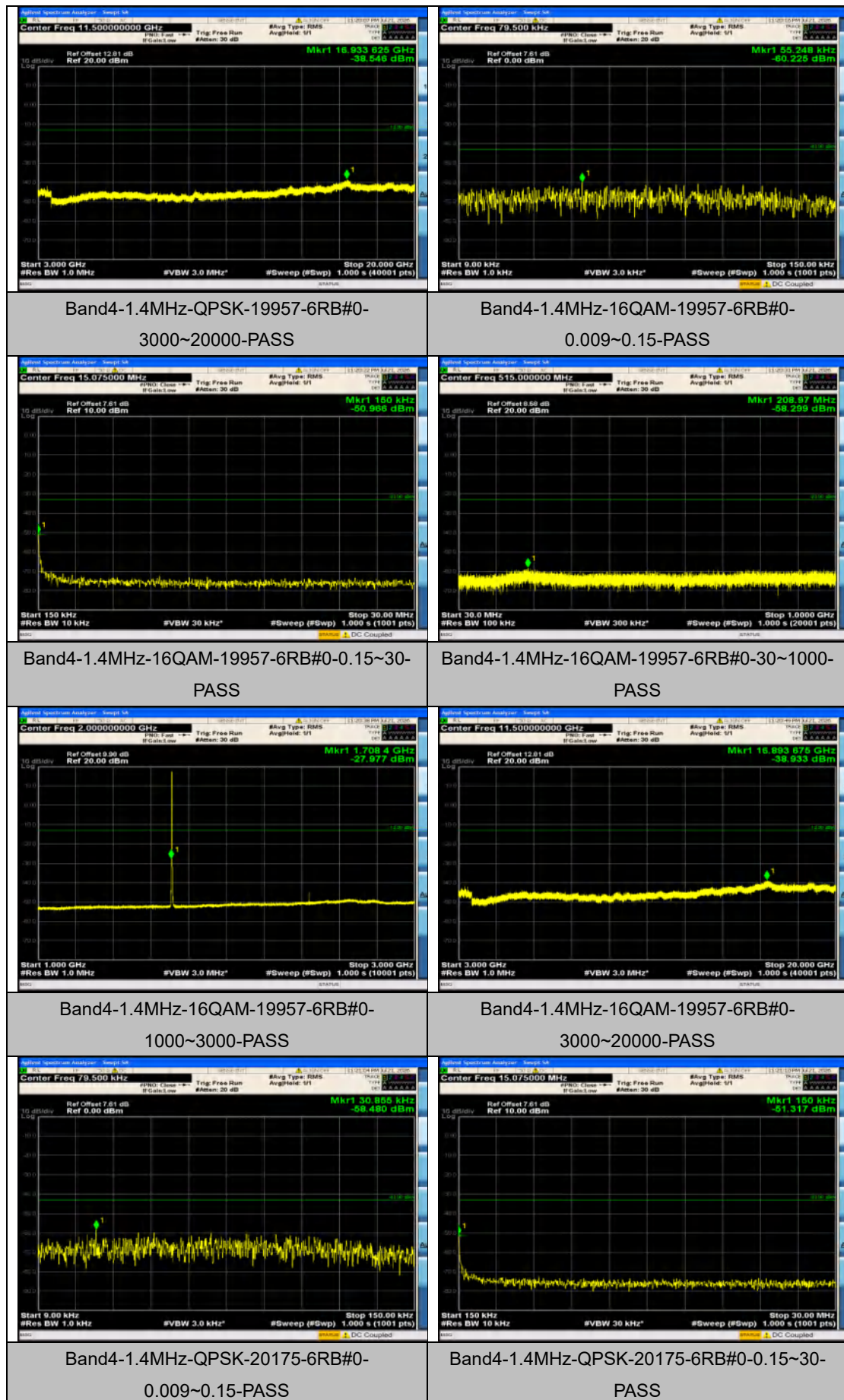
Band4	5MHz	16QAM	20175	25RB#0	3000~20000	-38.77	PASS
Band4	5MHz	QPSK	20375	25RB#0	0.009~0.15	-59.95	PASS
Band4	5MHz	QPSK	20375	25RB#0	0.15~30	-51.98	PASS
Band4	5MHz	QPSK	20375	25RB#0	30~1000	-58.19	PASS
Band4	5MHz	QPSK	20375	25RB#0	1000~3000	-28.45	PASS
Band4	5MHz	QPSK	20375	25RB#0	3000~20000	-38.46	PASS
Band4	5MHz	16QAM	20375	25RB#0	0.009~0.15	-58.50	PASS
Band4	5MHz	16QAM	20375	25RB#0	0.15~30	-52.11	PASS
Band4	5MHz	16QAM	20375	25RB#0	30~1000	-58.23	PASS
Band4	5MHz	16QAM	20375	25RB#0	1000~3000	-28.56	PASS
Band4	5MHz	16QAM	20375	25RB#0	3000~20000	-38.85	PASS
Band4	10MHz	QPSK	20000	50RB#0	0.009~0.15	-58.30	PASS
Band4	10MHz	QPSK	20000	50RB#0	0.15~30	-52.12	PASS
Band4	10MHz	QPSK	20000	50RB#0	30~1000	-58.71	PASS
Band4	10MHz	QPSK	20000	50RB#0	1000~3000	-18.11	PASS
Band4	10MHz	QPSK	20000	50RB#0	3000~20000	-38.74	PASS
Band4	10MHz	16QAM	20000	50RB#0	0.009~0.15	-58.83	PASS
Band4	10MHz	16QAM	20000	50RB#0	0.15~30	-51.14	PASS
Band4	10MHz	16QAM	20000	50RB#0	30~1000	-58.59	PASS
Band4	10MHz	16QAM	20000	50RB#0	1000~3000	-20.03	PASS
Band4	10MHz	16QAM	20000	50RB#0	3000~20000	-39.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	0.009~0.15	-59.90	PASS
Band4	10MHz	QPSK	20175	50RB#0	0.15~30	-50.39	PASS
Band4	10MHz	QPSK	20175	50RB#0	30~1000	-58.29	PASS
Band4	10MHz	QPSK	20175	50RB#0	1000~3000	-43.80	PASS
Band4	10MHz	QPSK	20175	50RB#0	3000~20000	-38.06	PASS
Band4	10MHz	16QAM	20175	50RB#0	0.009~0.15	-60.13	PASS
Band4	10MHz	16QAM	20175	50RB#0	0.15~30	-51.39	PASS
Band4	10MHz	16QAM	20175	50RB#0	30~1000	-58.29	PASS
Band4	10MHz	16QAM	20175	50RB#0	1000~3000	-44.27	PASS
Band4	10MHz	16QAM	20175	50RB#0	3000~20000	-38.21	PASS
Band4	10MHz	QPSK	20350	50RB#0	0.009~0.15	-59.01	PASS
Band4	10MHz	QPSK	20350	50RB#0	0.15~30	-52.27	PASS
Band4	10MHz	QPSK	20350	50RB#0	30~1000	-58.32	PASS
Band4	10MHz	QPSK	20350	50RB#0	1000~3000	-28.93	PASS
Band4	10MHz	QPSK	20350	50RB#0	3000~20000	-38.53	PASS
Band4	10MHz	16QAM	20350	50RB#0	0.009~0.15	-59.57	PASS
Band4	10MHz	16QAM	20350	50RB#0	0.15~30	-50.99	PASS
Band4	10MHz	16QAM	20350	50RB#0	30~1000	-57.71	PASS
Band4	10MHz	16QAM	20350	50RB#0	1000~3000	-29.17	PASS
Band4	10MHz	16QAM	20350	50RB#0	3000~20000	-38.97	PASS
Band4	15MHz	QPSK	20025	75RB#0	0.009~0.15	-59.82	PASS
Band4	15MHz	QPSK	20025	75RB#0	0.15~30	-51.28	PASS

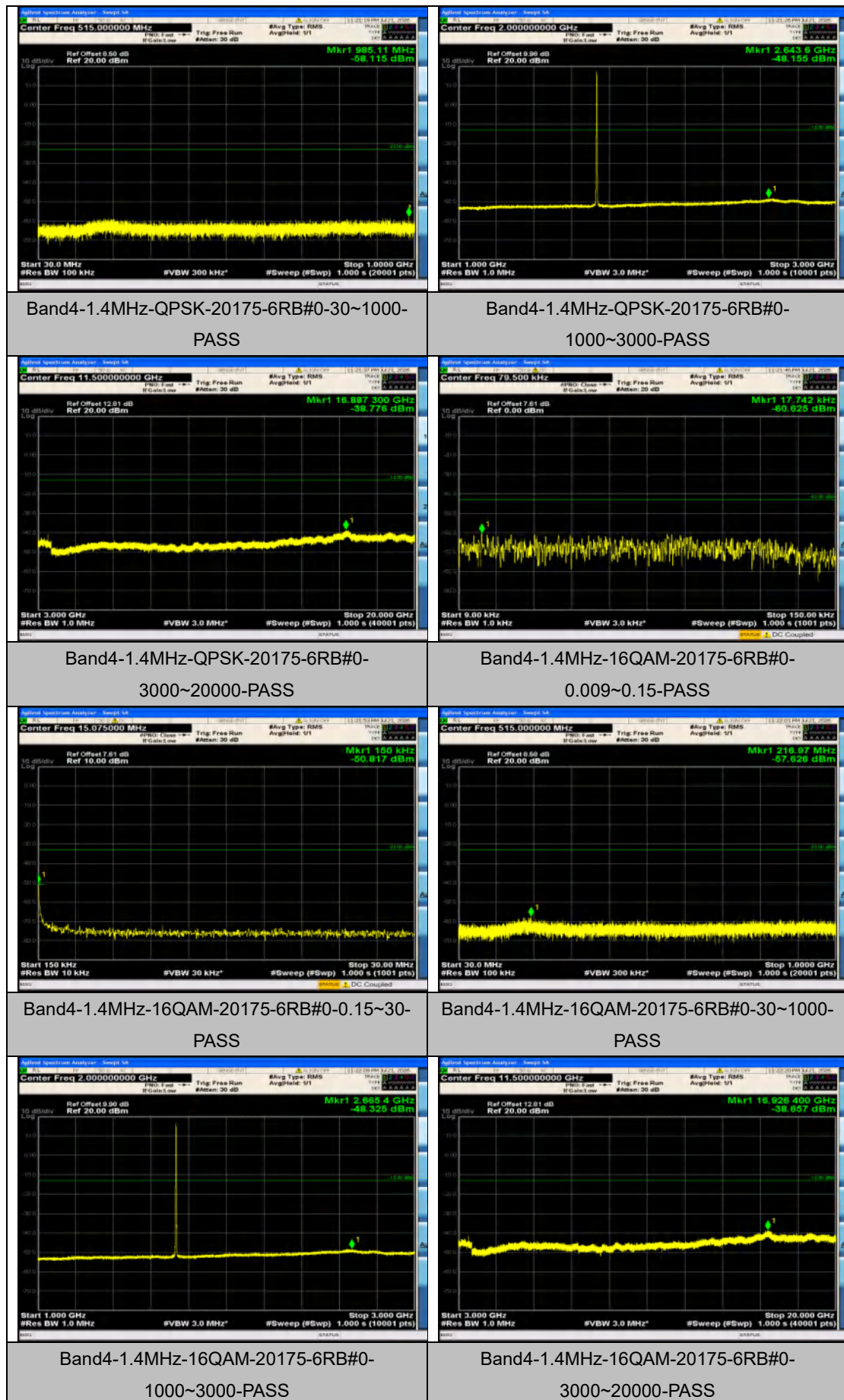
Band4	15MHz	QPSK	20025	75RB#0	30~1000	-58.45	PASS
Band4	15MHz	QPSK	20025	75RB#0	1000~3000	-16.01	PASS
Band4	15MHz	QPSK	20025	75RB#0	3000~20000	-38.26	PASS
Band4	15MHz	16QAM	20025	75RB#0	0.009~0.15	-60.40	PASS
Band4	15MHz	16QAM	20025	75RB#0	0.15~30	-54.29	PASS
Band4	15MHz	16QAM	20025	75RB#0	30~1000	-58.14	PASS
Band4	15MHz	16QAM	20025	75RB#0	1000~3000	-19.81	PASS
Band4	15MHz	16QAM	20025	75RB#0	3000~20000	-38.75	PASS
Band4	15MHz	QPSK	20175	75RB#0	0.009~0.15	-60.12	PASS
Band4	15MHz	QPSK	20175	75RB#0	0.15~30	-52.62	PASS
Band4	15MHz	QPSK	20175	75RB#0	30~1000	-58.51	PASS
Band4	15MHz	QPSK	20175	75RB#0	1000~3000	-34.47	PASS
Band4	15MHz	QPSK	20175	75RB#0	3000~20000	-38.64	PASS
Band4	15MHz	16QAM	20175	75RB#0	0.009~0.15	-59.49	PASS
Band4	15MHz	16QAM	20175	75RB#0	0.15~30	-53.11	PASS
Band4	15MHz	16QAM	20175	75RB#0	30~1000	-58.25	PASS
Band4	15MHz	16QAM	20175	75RB#0	1000~3000	-37.36	PASS
Band4	15MHz	16QAM	20175	75RB#0	3000~20000	-38.98	PASS
Band4	15MHz	QPSK	20325	75RB#0	0.009~0.15	-59.48	PASS
Band4	15MHz	QPSK	20325	75RB#0	0.15~30	-50.23	PASS
Band4	15MHz	QPSK	20325	75RB#0	30~1000	-58.10	PASS
Band4	15MHz	QPSK	20325	75RB#0	1000~3000	-27.36	PASS
Band4	15MHz	QPSK	20325	75RB#0	3000~20000	-38.09	PASS
Band4	15MHz	16QAM	20325	75RB#0	0.009~0.15	-59.77	PASS
Band4	15MHz	16QAM	20325	75RB#0	0.15~30	-51.13	PASS
Band4	15MHz	16QAM	20325	75RB#0	30~1000	-58.23	PASS
Band4	15MHz	16QAM	20325	75RB#0	1000~3000	-28.36	PASS
Band4	15MHz	16QAM	20325	75RB#0	3000~20000	-38.45	PASS
Band4	20MHz	QPSK	20050	100RB#0	0.009~0.15	-59.29	PASS
Band4	20MHz	QPSK	20050	100RB#0	0.15~30	-53.47	PASS
Band4	20MHz	QPSK	20050	100RB#0	30~1000	-57.90	PASS
Band4	20MHz	QPSK	20050	100RB#0	1000~3000	-18.97	PASS
Band4	20MHz	QPSK	20050	100RB#0	3000~20000	-38.95	PASS
Band4	20MHz	16QAM	20050	100RB#0	0.009~0.15	-59.87	PASS
Band4	20MHz	16QAM	20050	100RB#0	0.15~30	-51.80	PASS
Band4	20MHz	16QAM	20050	100RB#0	30~1000	-58.47	PASS
Band4	20MHz	16QAM	20050	100RB#0	1000~3000	-20.19	PASS
Band4	20MHz	16QAM	20050	100RB#0	3000~20000	-38.46	PASS
Band4	20MHz	QPSK	20175	100RB#0	0.009~0.15	-59.22	PASS
Band4	20MHz	QPSK	20175	100RB#0	0.15~30	-50.60	PASS
Band4	20MHz	QPSK	20175	100RB#0	30~1000	-58.19	PASS
Band4	20MHz	QPSK	20175	100RB#0	1000~3000	-30.40	PASS
Band4	20MHz	QPSK	20175	100RB#0	3000~20000	-38.67	PASS

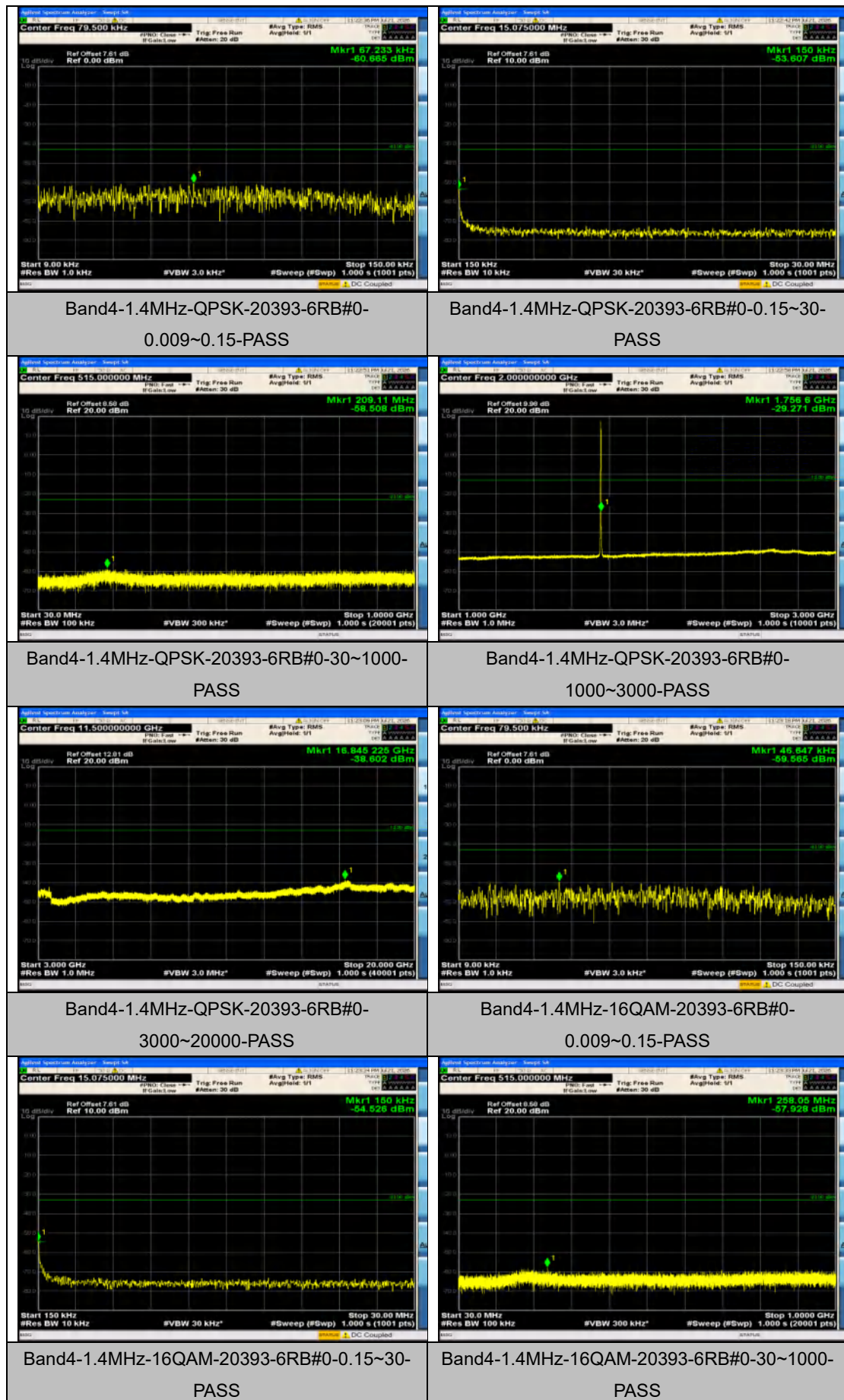
Band4	20MHz	16QAM	20175	100RB#0	0.009~0.15	-59.34	PASS
Band4	20MHz	16QAM	20175	100RB#0	0.15~30	-50.19	PASS
Band4	20MHz	16QAM	20175	100RB#0	30~1000	-57.02	PASS
Band4	20MHz	16QAM	20175	100RB#0	1000~3000	-31.87	PASS
Band4	20MHz	16QAM	20175	100RB#0	3000~20000	-38.48	PASS
Band4	20MHz	QPSK	20300	100RB#0	0.009~0.15	-58.58	PASS
Band4	20MHz	QPSK	20300	100RB#0	0.15~30	-51.72	PASS
Band4	20MHz	QPSK	20300	100RB#0	30~1000	-57.82	PASS
Band4	20MHz	QPSK	20300	100RB#0	1000~3000	-30.17	PASS
Band4	20MHz	QPSK	20300	100RB#0	3000~20000	-38.92	PASS
Band4	20MHz	16QAM	20300	100RB#0	0.009~0.15	-59.11	PASS
Band4	20MHz	16QAM	20300	100RB#0	0.15~30	-51.07	PASS
Band4	20MHz	16QAM	20300	100RB#0	30~1000	-57.17	PASS
Band4	20MHz	16QAM	20300	100RB#0	1000~3000	-30.13	PASS
Band4	20MHz	16QAM	20300	100RB#0	3000~20000	-38.16	PASS

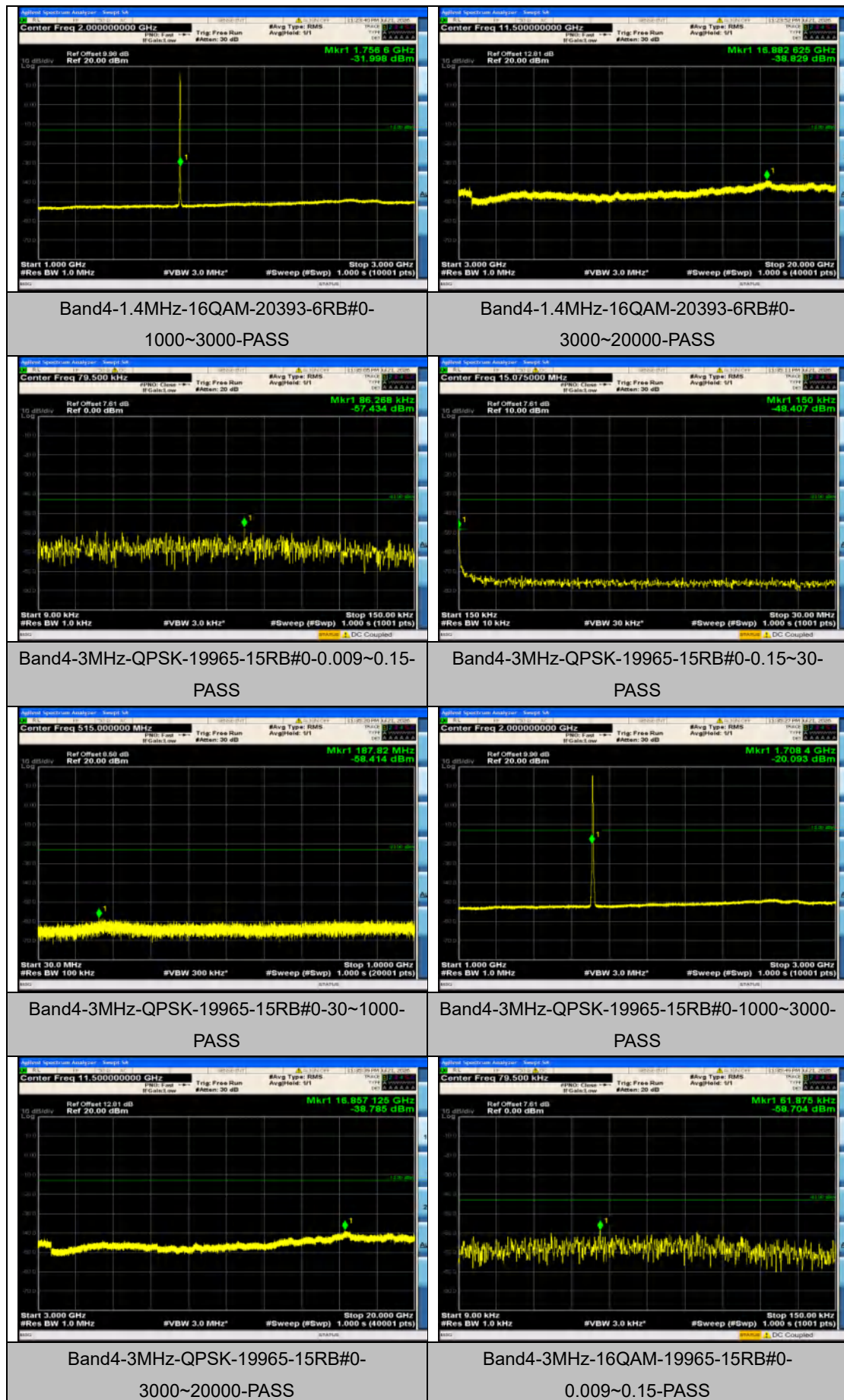
Test Graphs

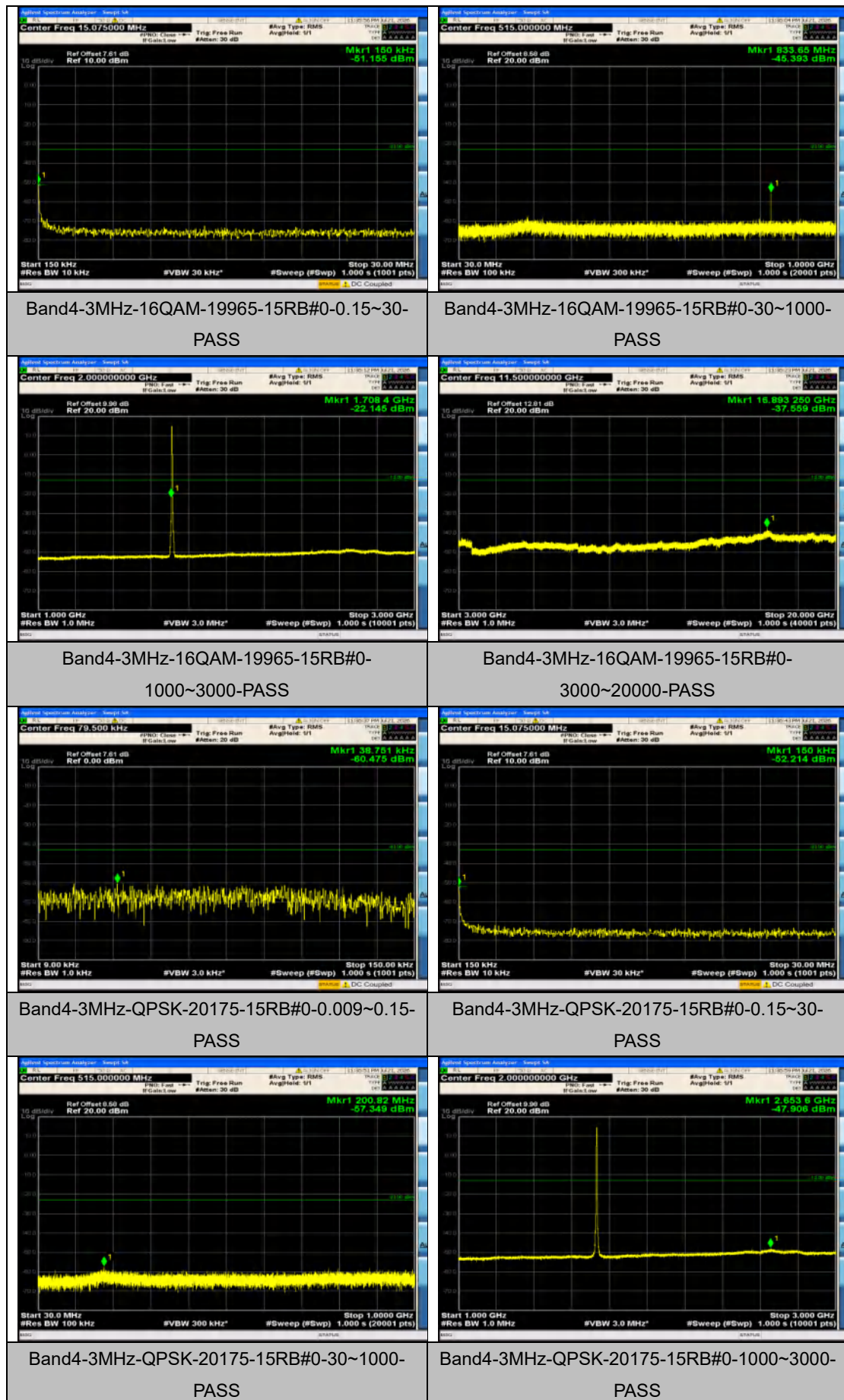


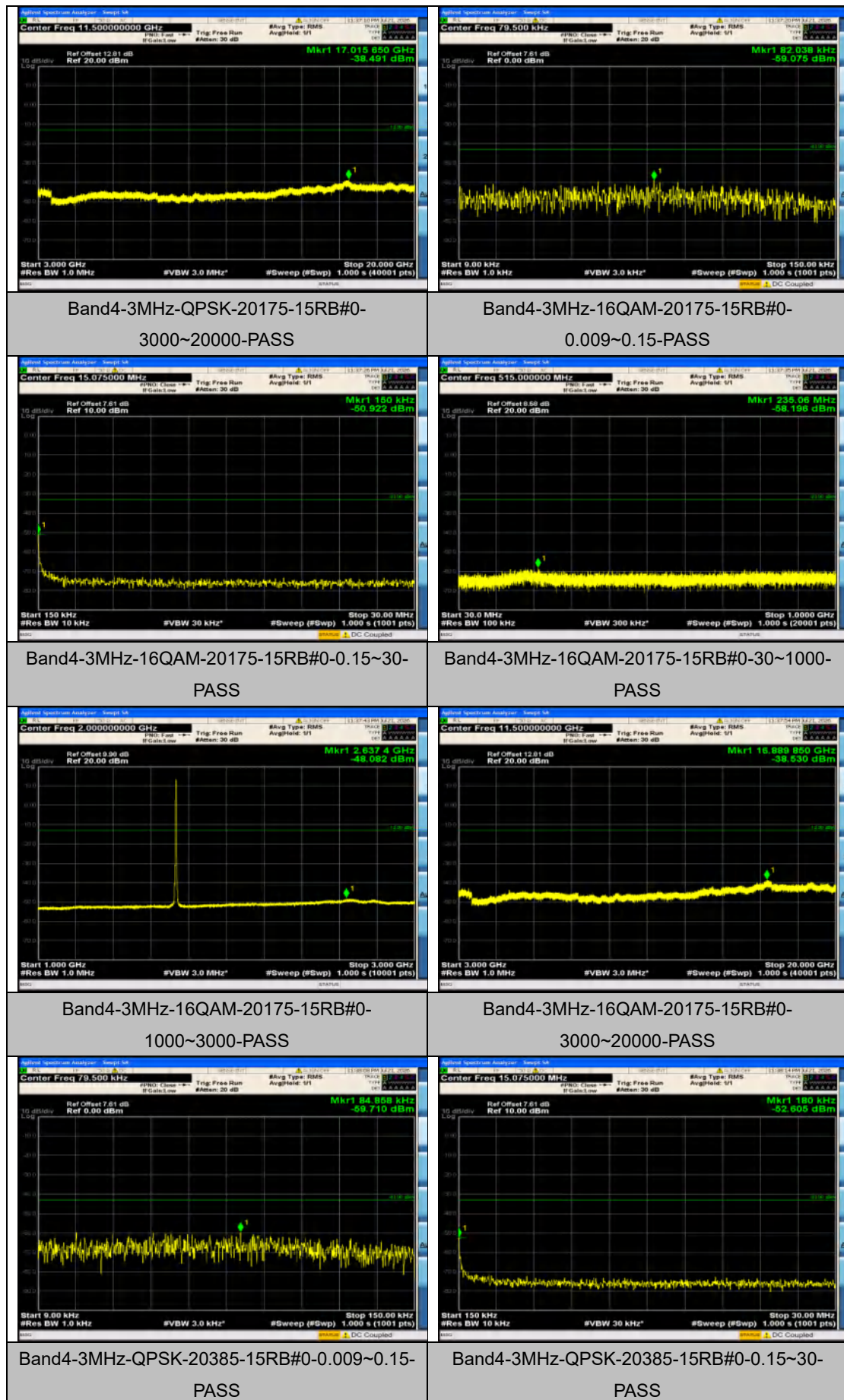


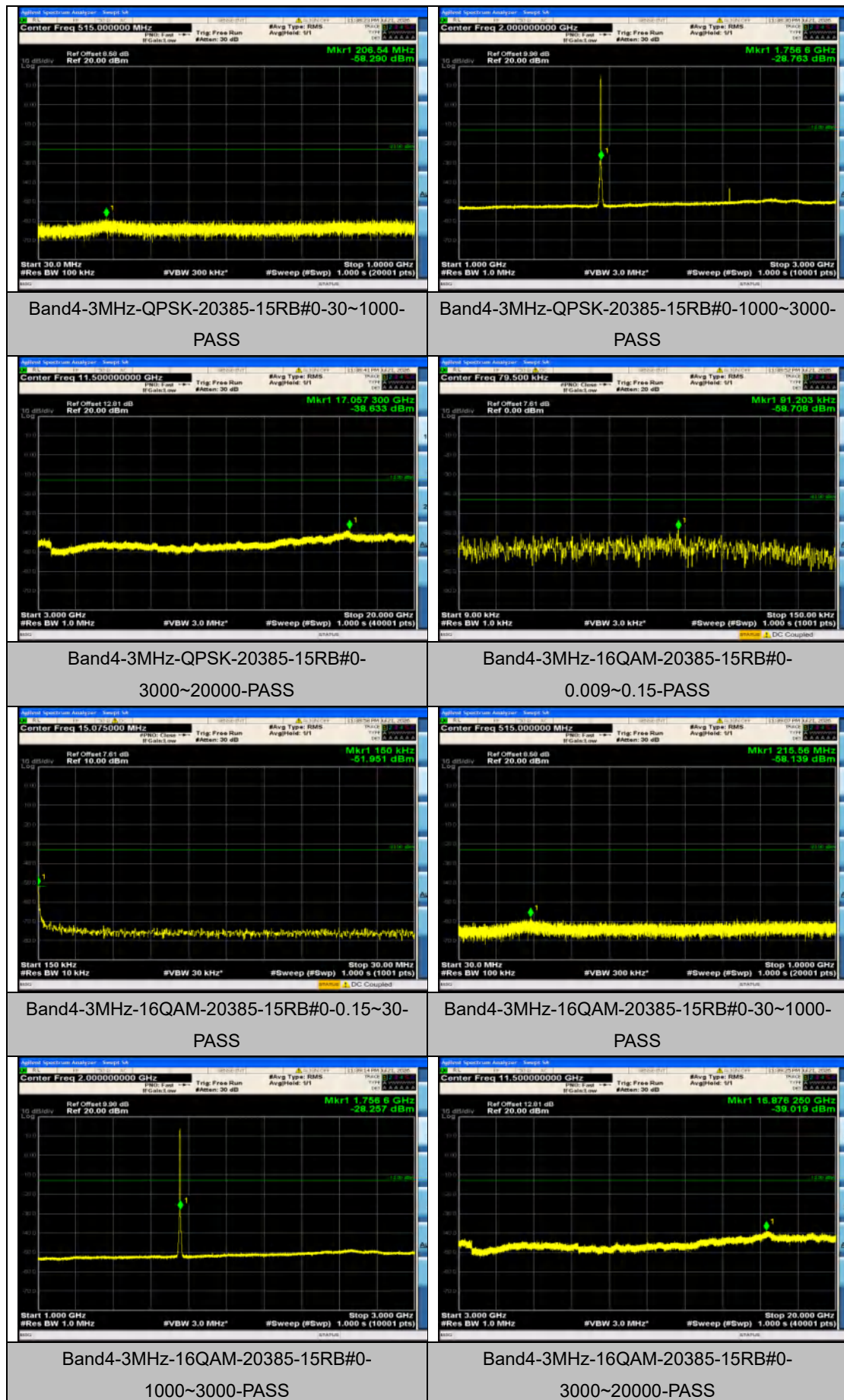


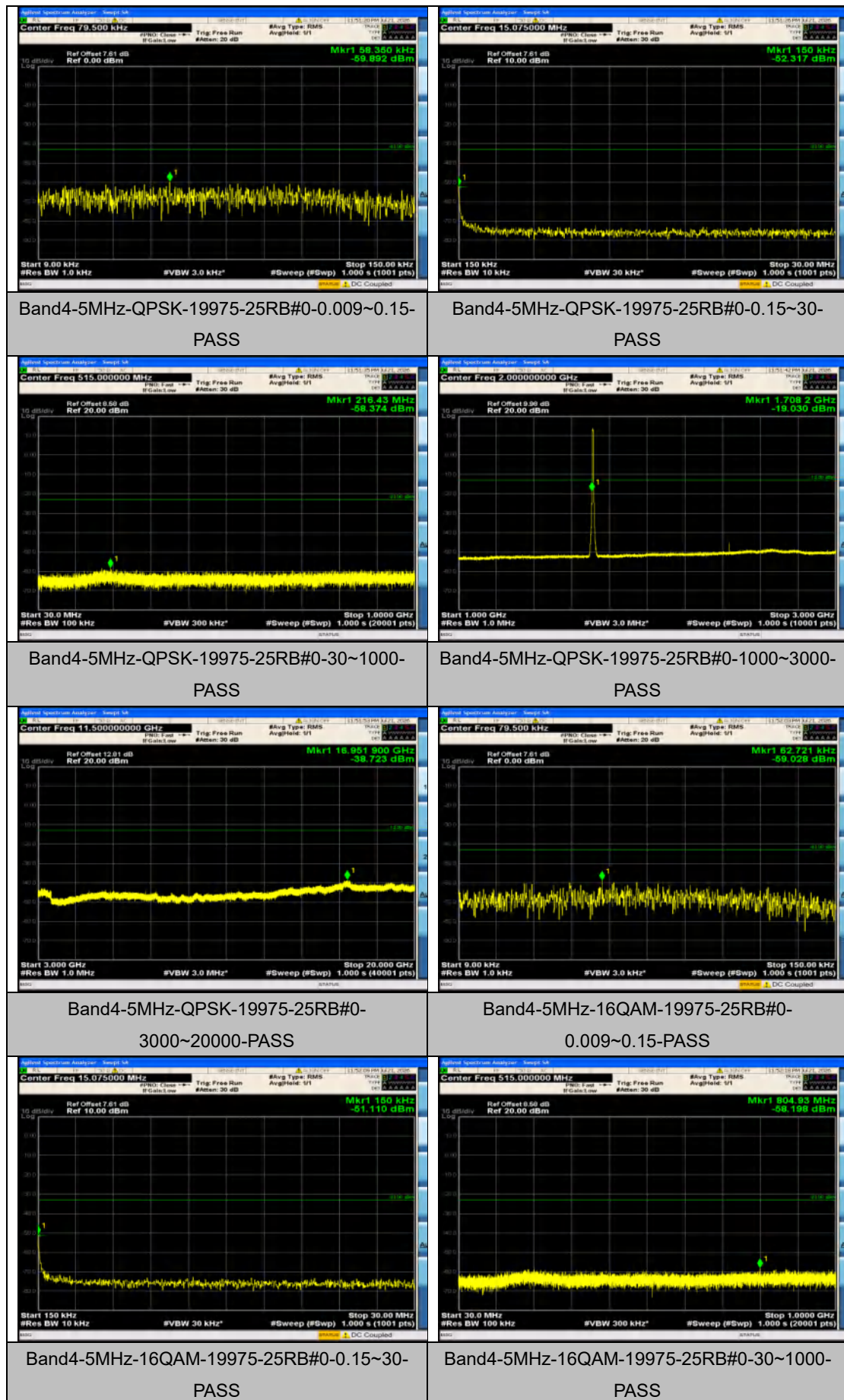


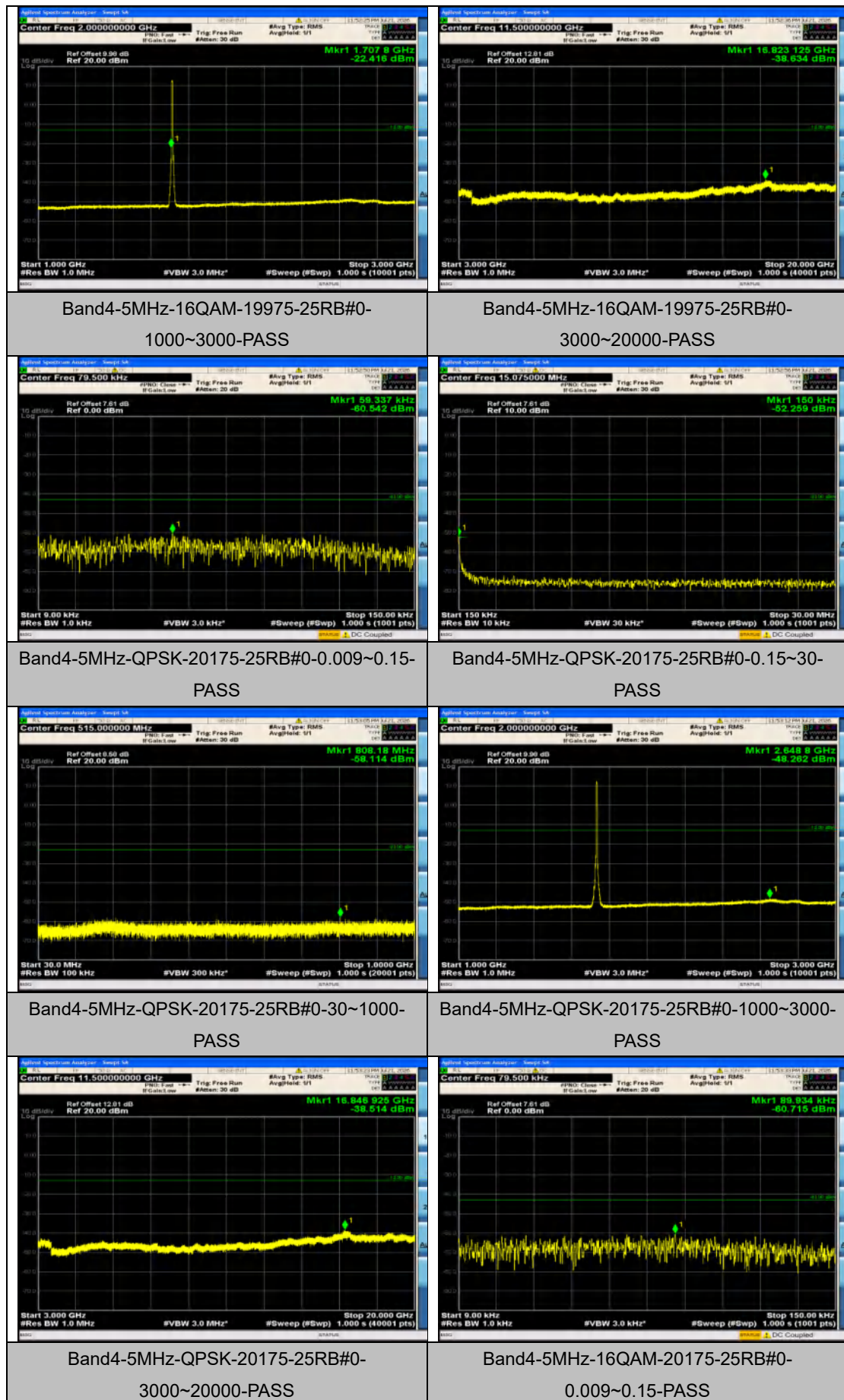


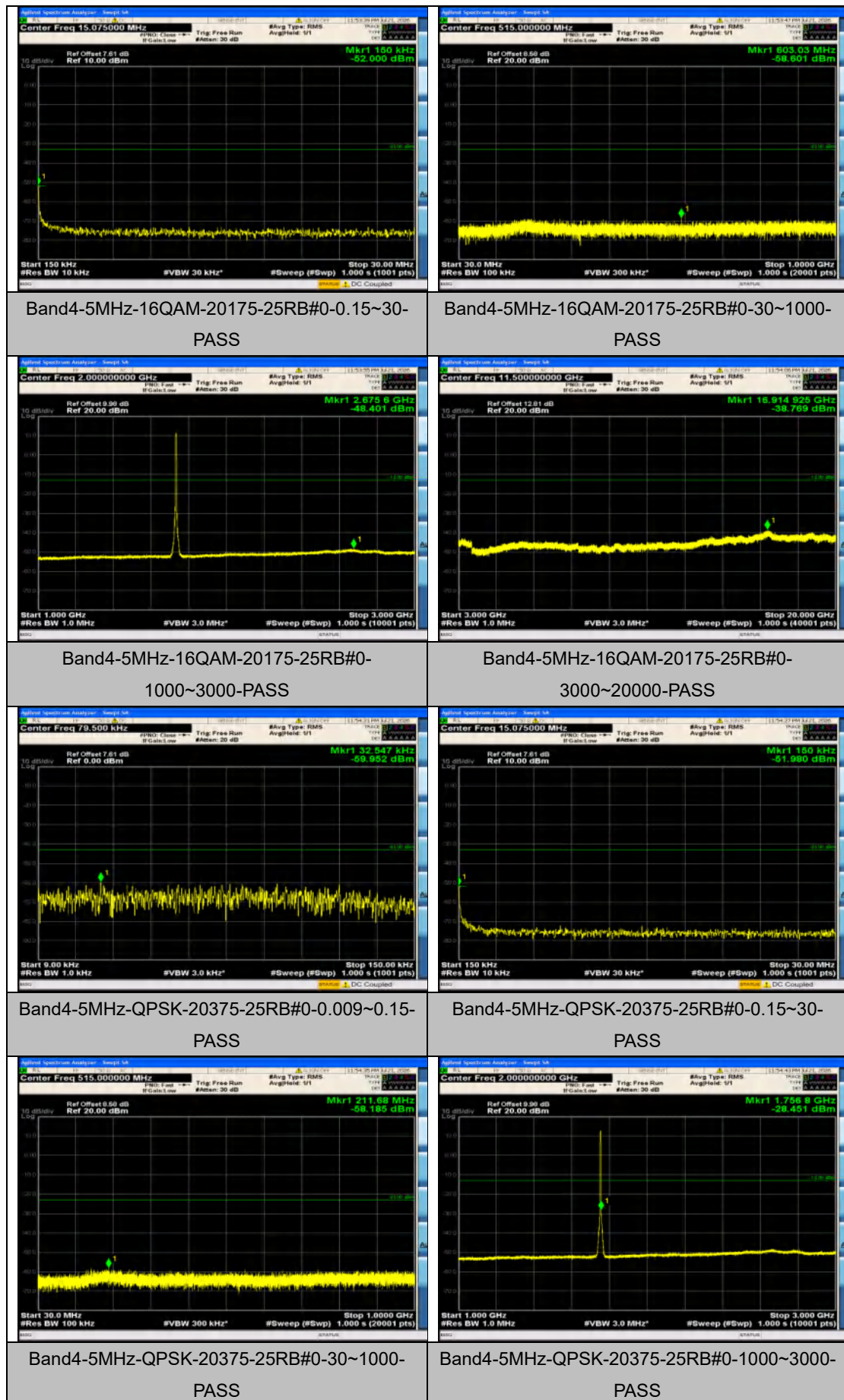


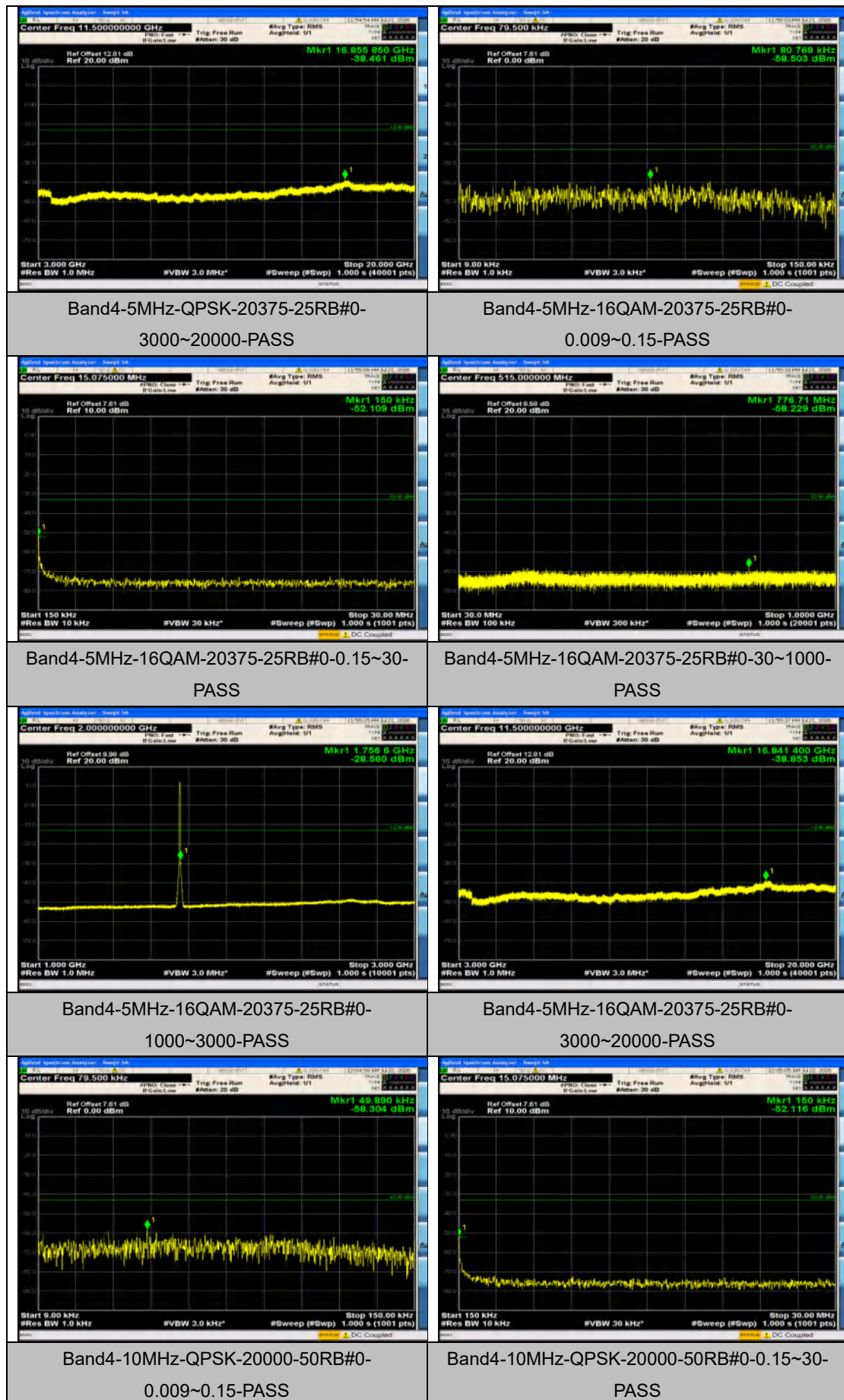


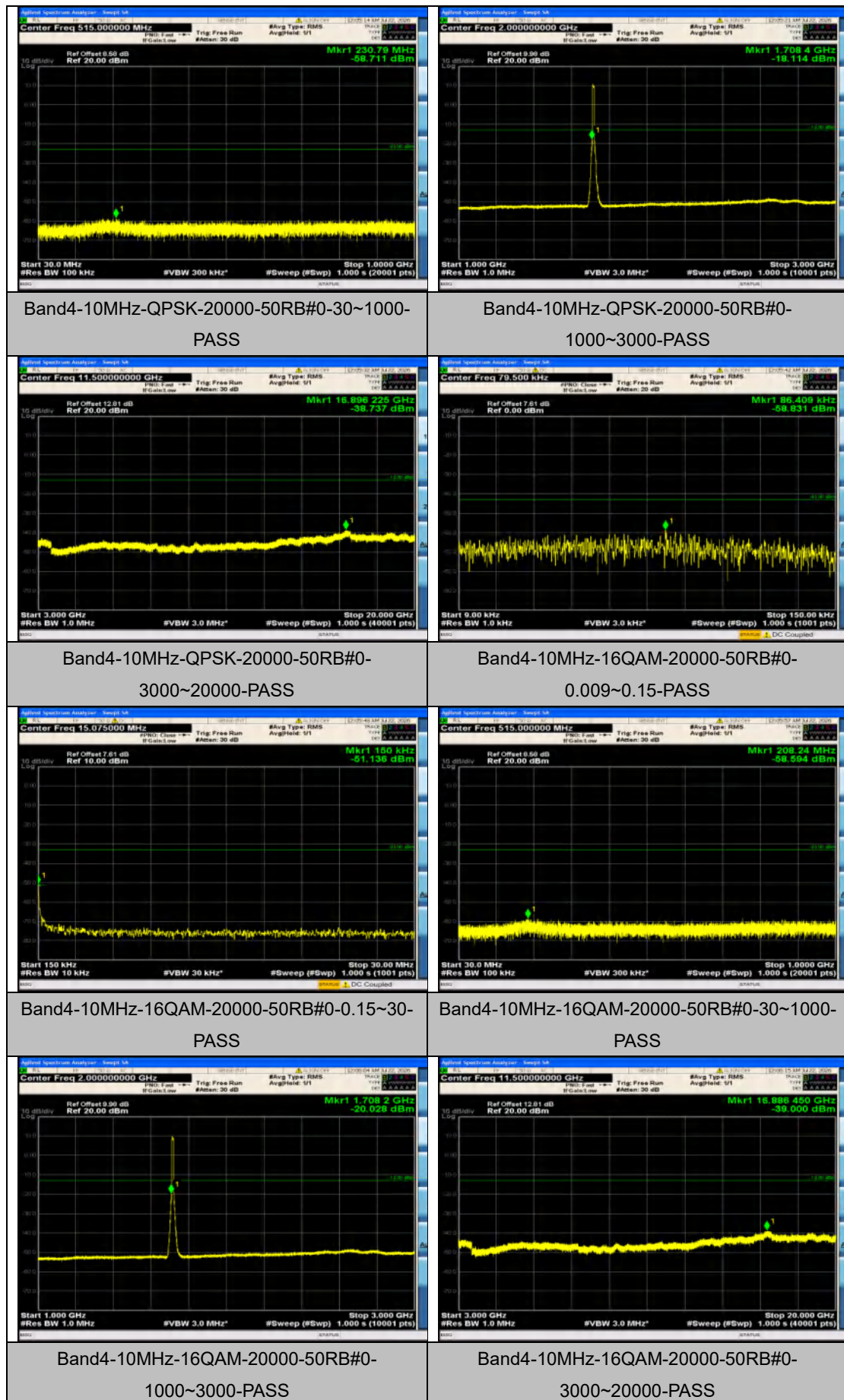


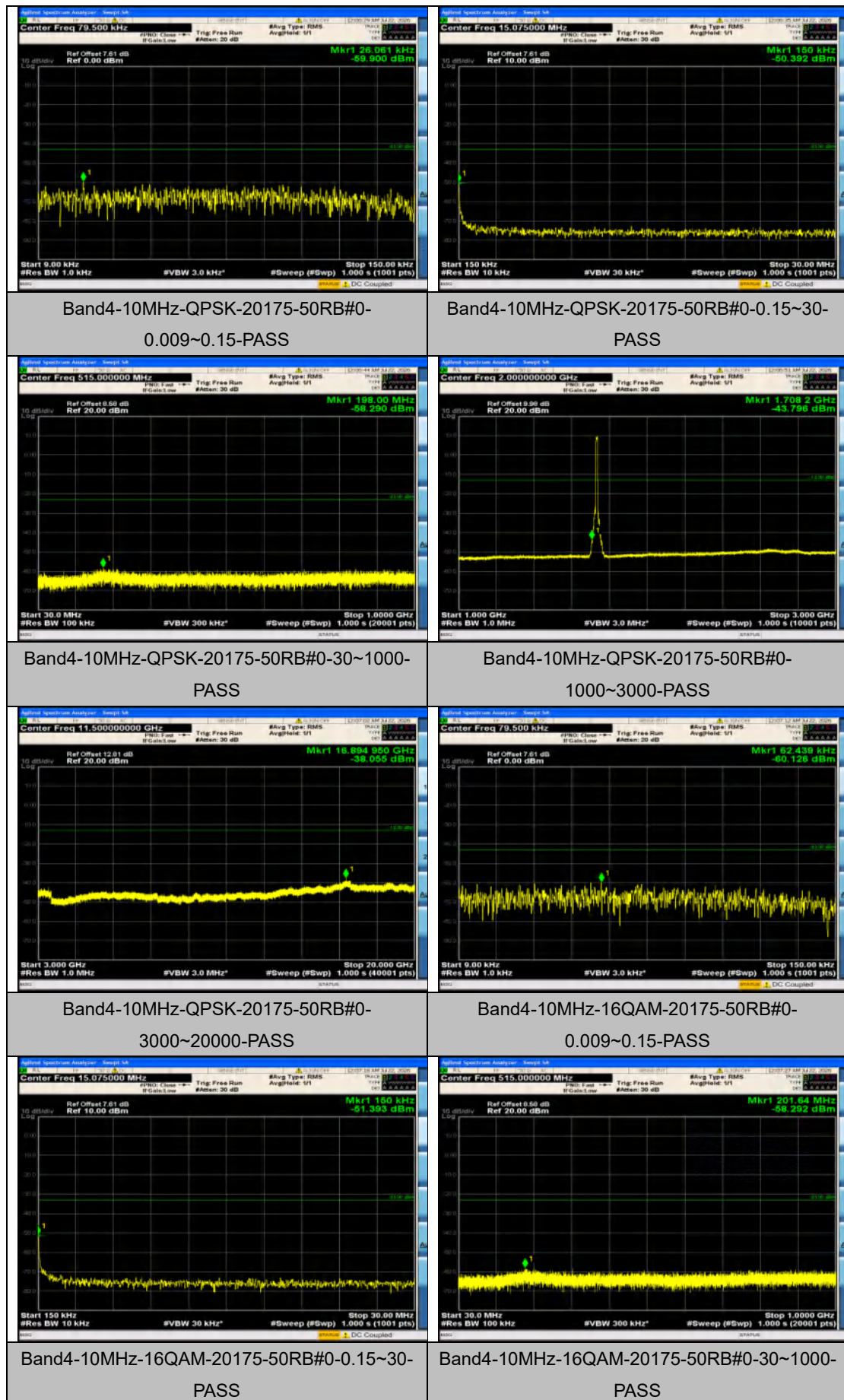


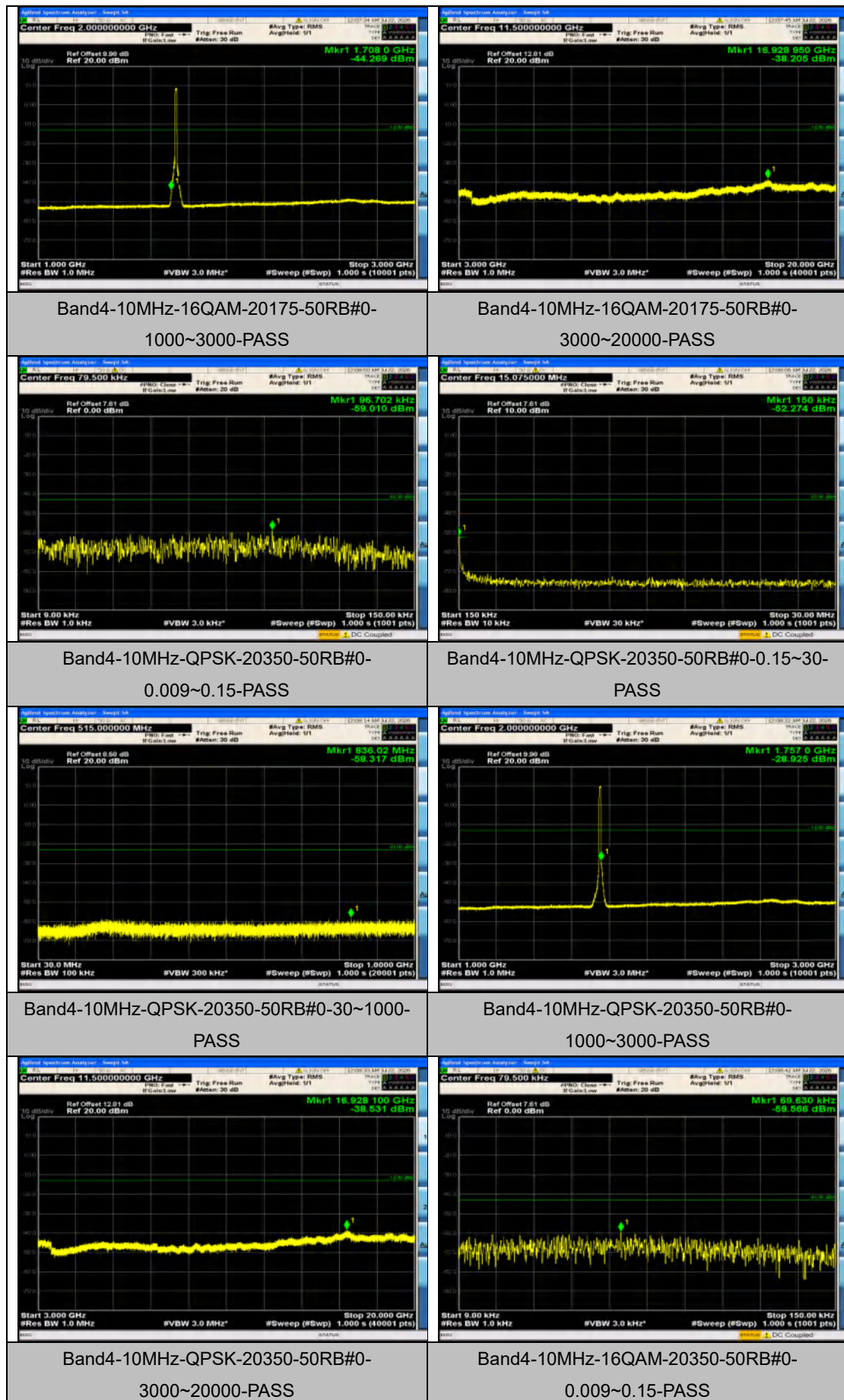


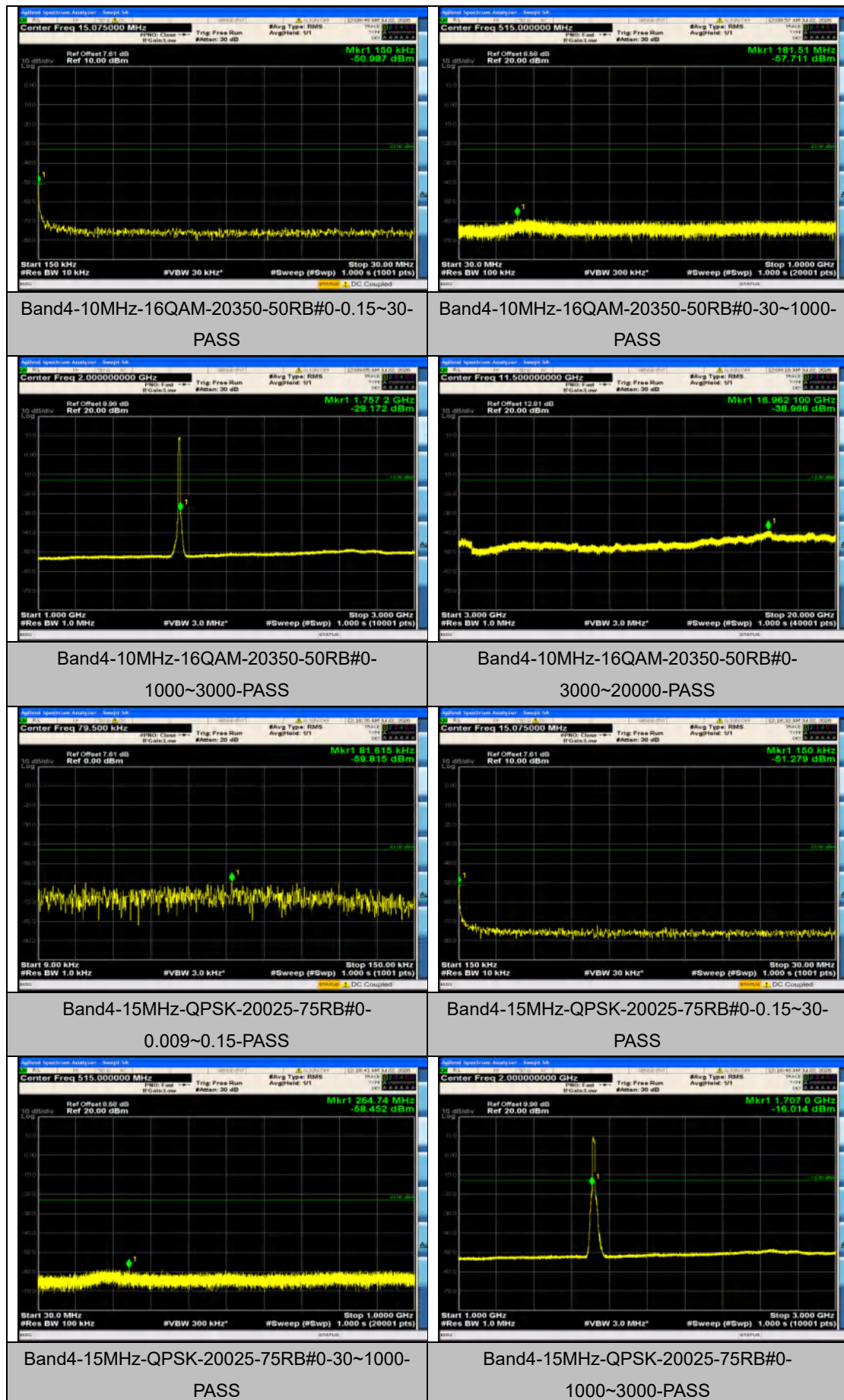


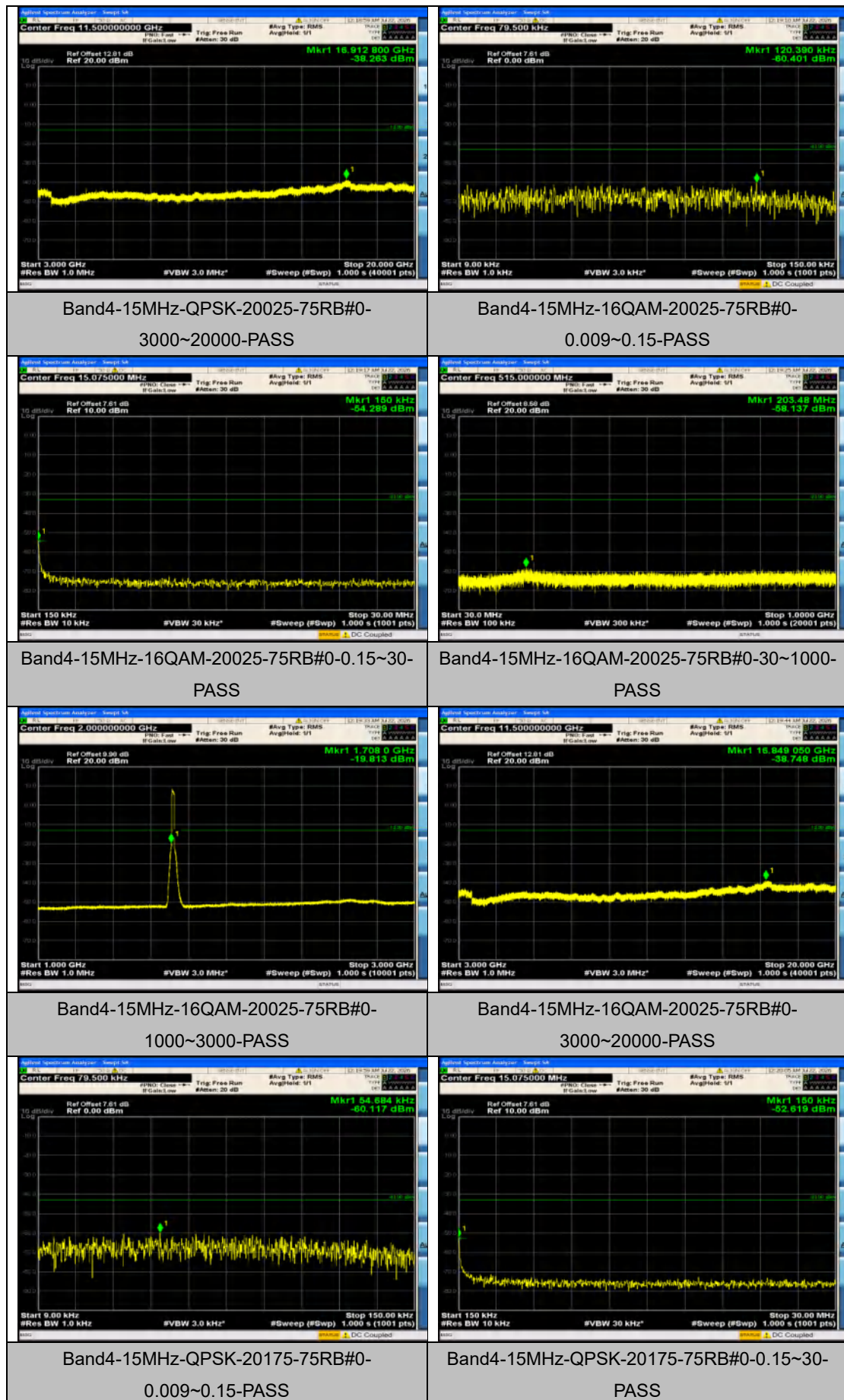


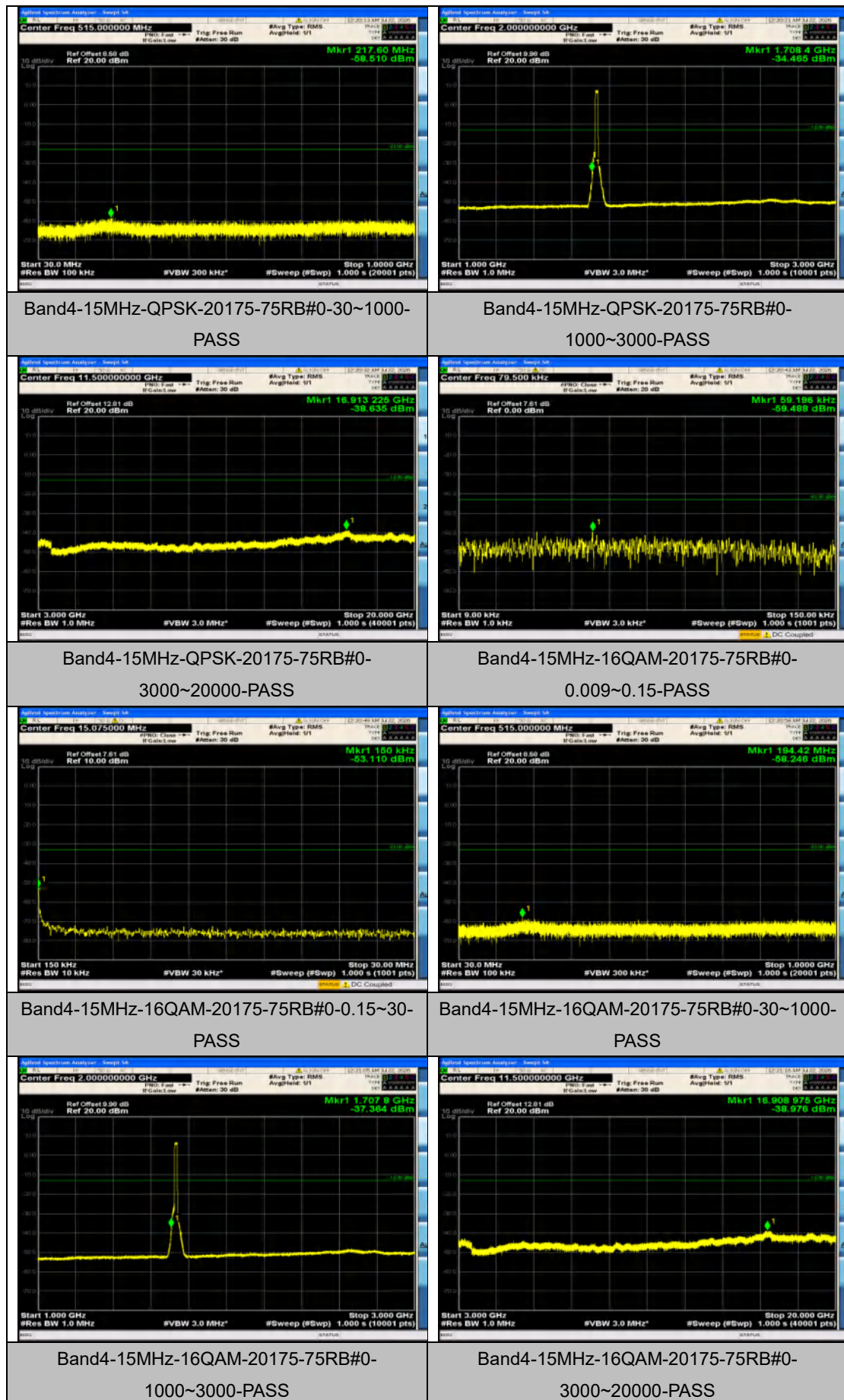


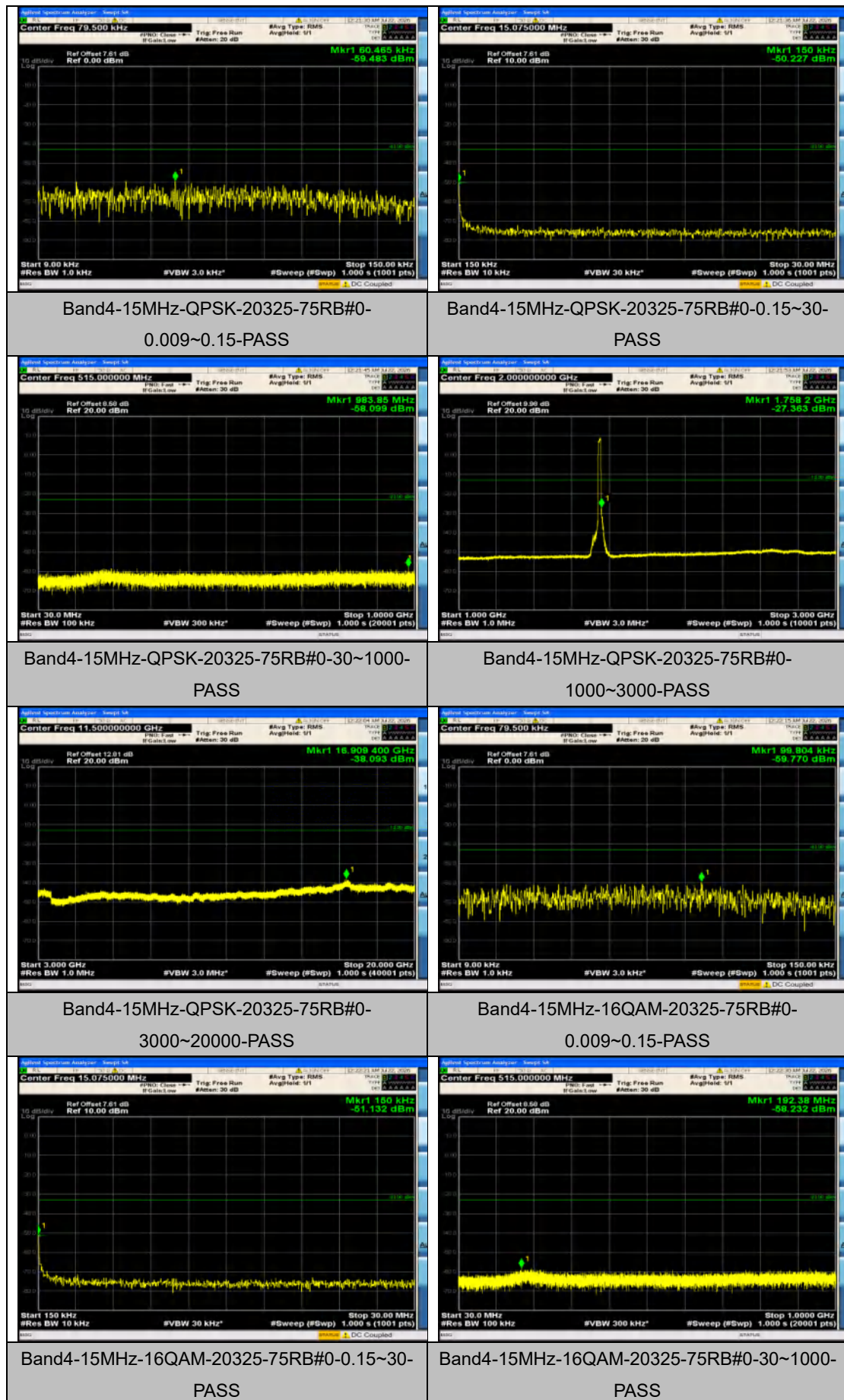


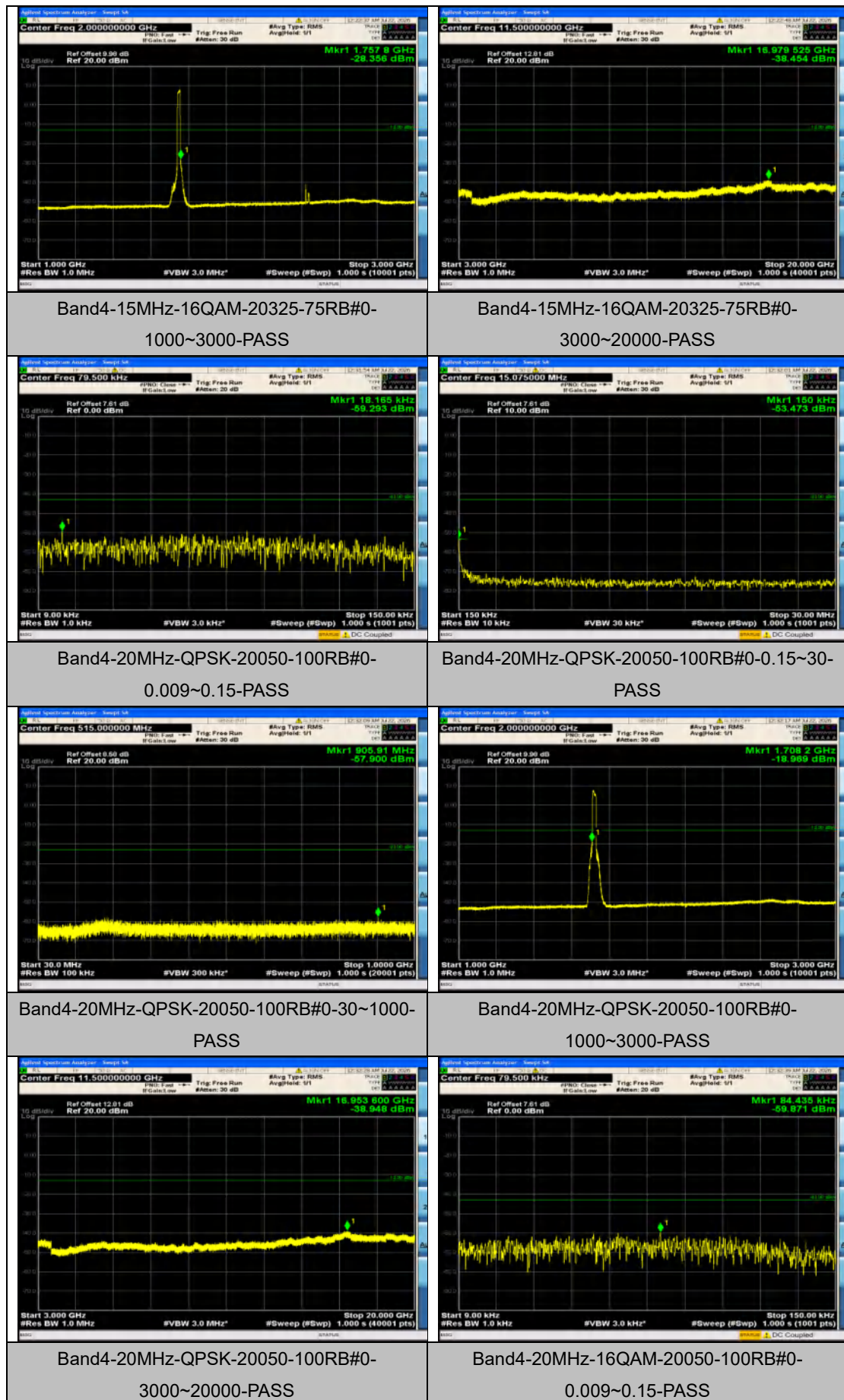


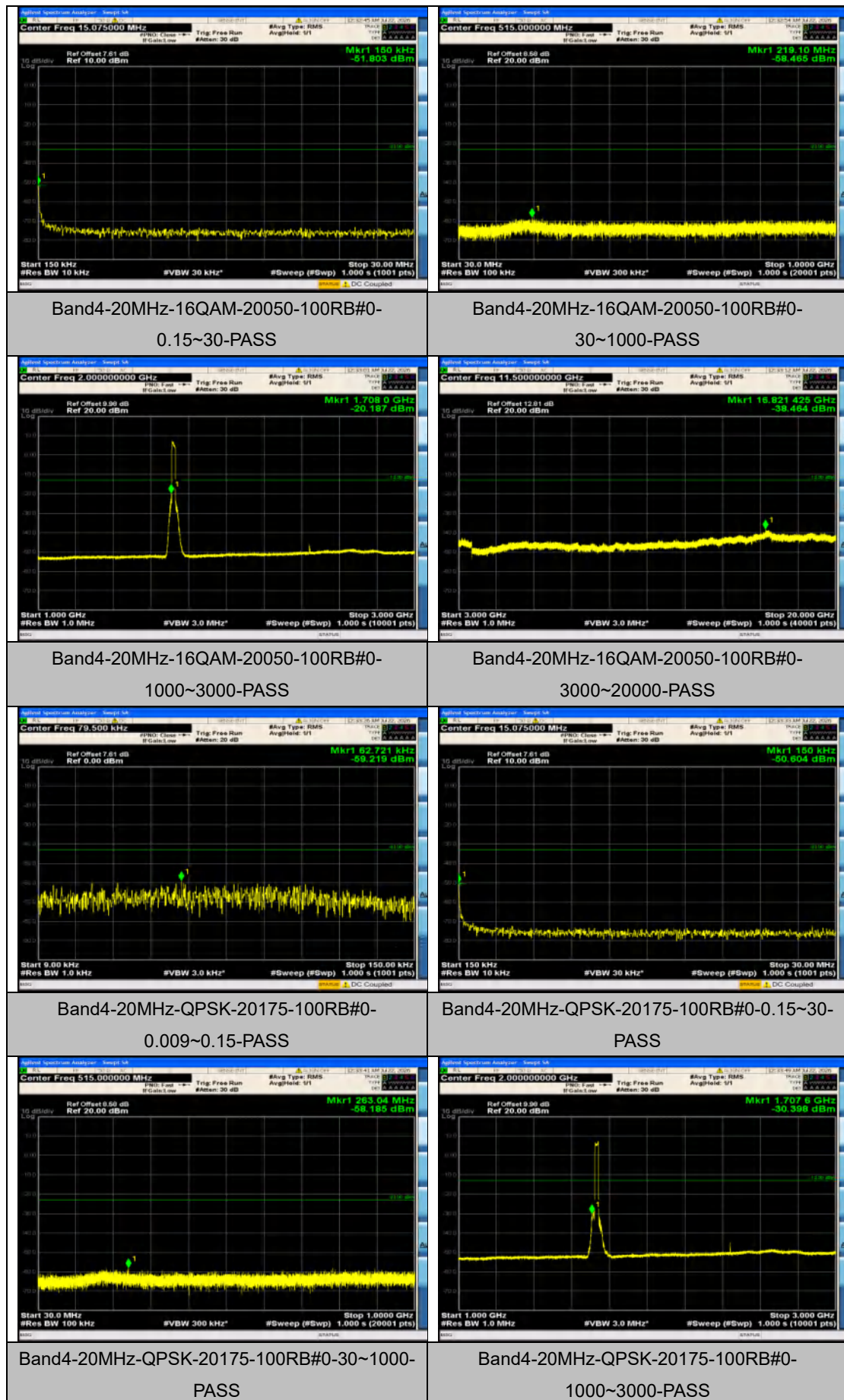


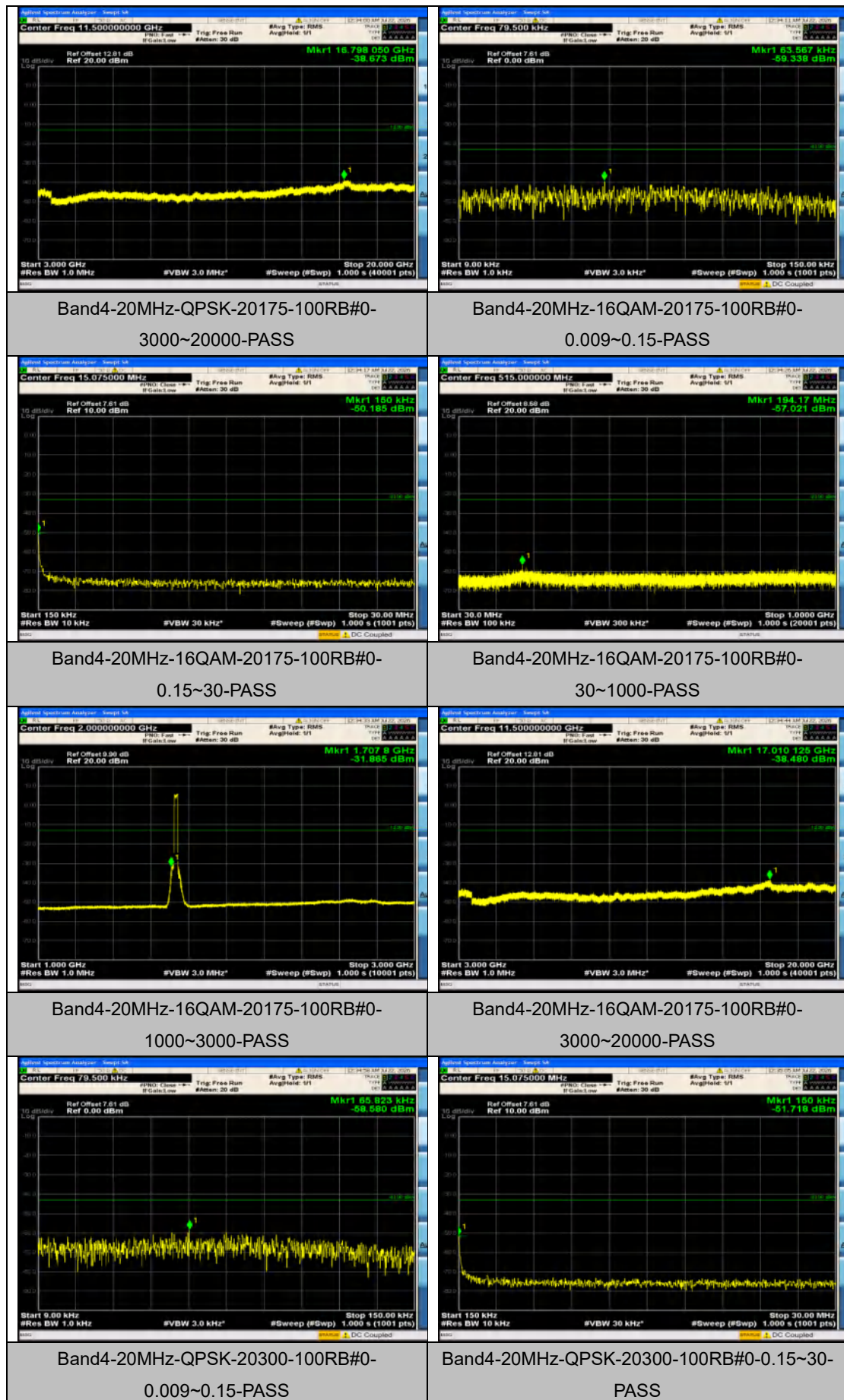


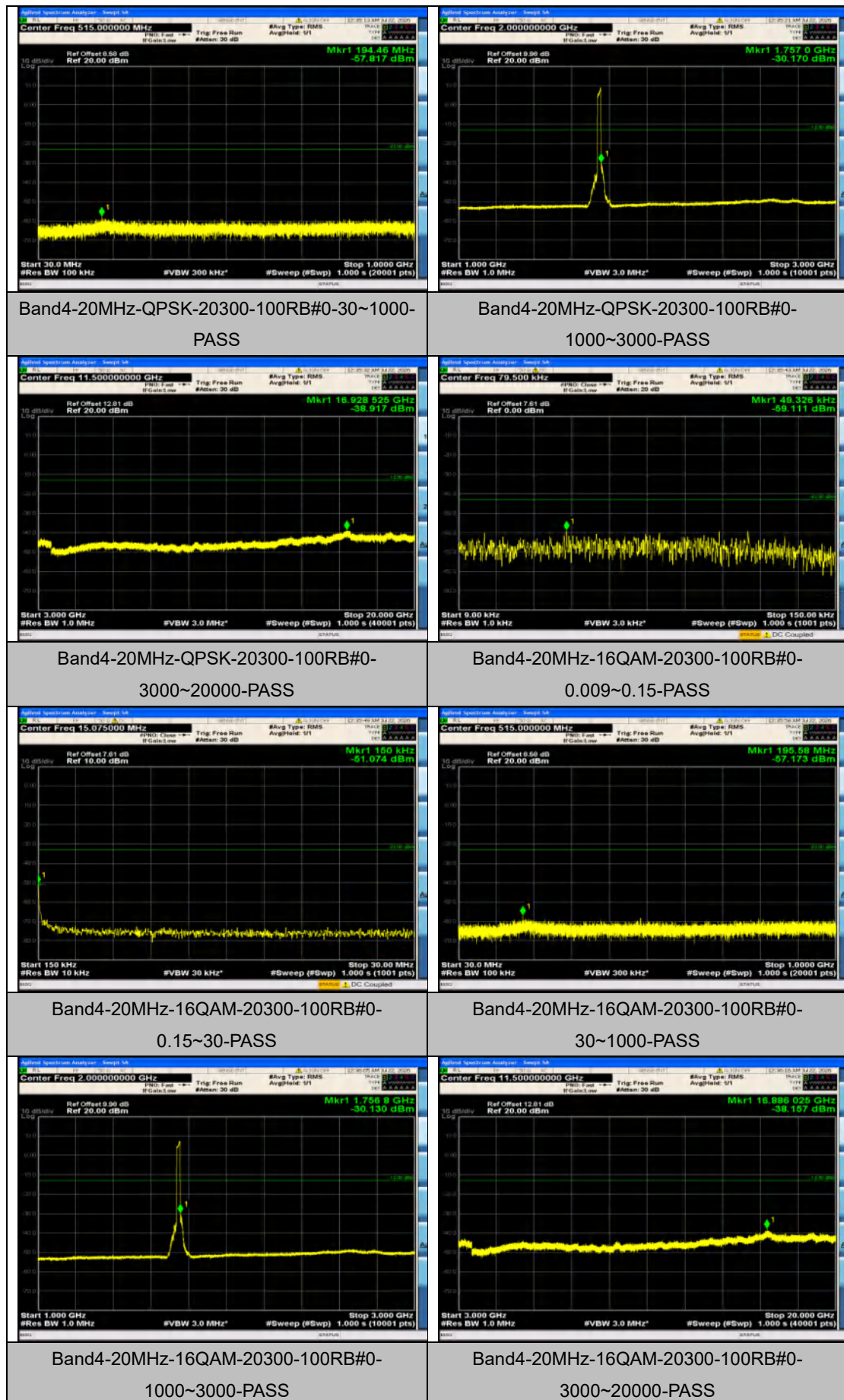












Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	Temperature						
				RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	-19.68	-0.011504	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	-47.56	-0.027801	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-10	-36.72	-0.021465	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	10.36	0.006056	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	-17.50	-0.010230	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	-36.54	-0.021360	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	30	-22.14	-0.012942	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	40	-8.11	-0.004741	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	50	-26.56	-0.015526	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	-13.99	-0.008178	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	-25.25	-0.014760	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-10	-36.31	-0.021225	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	-7.18	-0.004197	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	-11.69	-0.006833	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	-19.98	-0.011679	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	30	-25.19	-0.014725	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	40	-29.63	-0.017320	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	50	-36.28	-0.021208	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	-33.42	-0.019290	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	-13.58	-0.007838	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-10	-37.75	-0.021789	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	-24.43	-0.014101	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	8.28	0.004779	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-24.26	-0.014003	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	-47.09	-0.027180	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	-42.86	-0.024739	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	-29.01	-0.016745	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-18.73	-0.010811	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-30.80	-0.017778	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-10	11.97	0.006909	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-12.40	-0.007157	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	-26.02	-0.015019	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	4.35	0.002511	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	-17.05	-0.009841	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	-31.31	-0.018072	±2.5	PASS

Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	-7.90	-0.004560	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	-33.20	-0.018925	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	8.80	0.005016	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-10	-9.81	-0.005592	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	-23.16	-0.013202	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-31.24	-0.017808	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-36.95	-0.021063	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	30	-21.82	-0.012438	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	40	-30.71	-0.017506	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	50	-41.93	-0.023901	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-25.89	-0.014758	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-28.87	-0.016457	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-10	-26.08	-0.014866	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-31.00	-0.017671	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-30.44	-0.017352	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-37.21	-0.021211	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	30	-42.33	-0.024129	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	40	-49.30	-0.028102	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	50	5.48	0.003124	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	14.46	0.008449	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-20	9.57	0.005592	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-10	7.74	0.004522	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	-2.59	-0.001513	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	-10.76	-0.006287	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	-12.72	-0.007432	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	30	-14.06	-0.008215	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	40	-17.34	-0.010131	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	50	-14.52	-0.008484	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	-8.53	-0.004984	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	-9.70	-0.005668	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-10	-5.55	-0.003243	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	4.22	0.002466	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	10	11.19	0.006538	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	13.82	0.008075	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	30	20.50	0.011978	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	40	21.69	0.012673	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	50	22.37	0.013070	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	9.48	0.005472	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	-2.05	-0.001183	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-10	-6.37	-0.003677	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	-10.47	-0.006043	±2.5	PASS

Band4	3MHz	QPSK	20175	15RB#0	NV	10	-16.52	-0.009535	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	-26.46	-0.015273	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	30	-30.43	-0.017564	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	40	-37.36	-0.021564	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	50	-44.40	-0.025628	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	-39.01	-0.022517	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	12.72	0.007342	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-10	8.43	0.004866	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	11.59	0.006690	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	3.81	0.002199	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	-5.11	-0.002949	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	30	-6.01	-0.003469	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	40	-7.88	-0.004548	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	50	-10.96	-0.006326	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-30	-6.75	-0.003849	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-20	-11.86	-0.006764	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-10	-13.70	-0.007813	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	-18.64	-0.010630	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	10	-21.96	-0.012524	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	-22.62	-0.012900	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	30	-21.47	-0.012244	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	40	-21.24	-0.012113	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	50	-25.69	-0.014651	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	-15.71	-0.008959	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	-15.12	-0.008623	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-10	-14.95	-0.008526	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	-14.49	-0.008263	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	-14.59	-0.008321	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	-15.69	-0.008948	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	30	-15.56	-0.008874	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	40	-15.21	-0.008674	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	50	-16.45	-0.009381	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-30	-24.93	-0.014558	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-20	-29.48	-0.017215	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-10	-24.72	-0.014435	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	0	-24.96	-0.014575	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	10	-21.93	-0.012806	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	20	-20.63	-0.012047	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	30	-20.26	-0.011831	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	40	-18.54	-0.010826	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	50	-16.91	-0.009874	±2.5	PASS

Band4	5MHz	16QAM	19975	25RB#0	NV	-30	-10.20	-0.005956	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-20	-9.77	-0.005705	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-10	-9.68	-0.005653	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	0	4.85	0.002832	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	10	8.45	0.004934	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	20	11.29	0.006593	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	30	10.66	0.006225	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	40	14.41	0.008415	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	50	15.02	0.008771	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	10.54	0.006084	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-20	5.87	0.003388	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-10	-9.44	-0.005449	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	-18.58	-0.010724	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	-17.55	-0.010130	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	-22.17	-0.012797	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	30	-28.88	-0.016670	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	40	-28.05	-0.016190	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	50	-31.17	-0.017991	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	-40.74	-0.023515	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-20	-43.87	-0.025322	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-10	-43.83	-0.025299	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	0	-49.38	-0.028502	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	10	-14.51	-0.008375	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	-15.38	-0.008877	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	30	-18.08	-0.010436	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	40	-19.63	-0.011330	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	50	-24.82	-0.014326	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-30	-20.74	-0.011835	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-20	-19.48	-0.011116	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-10	-23.33	-0.013312	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	0	-21.09	-0.012034	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	10	-25.16	-0.014357	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	20	-20.18	-0.011515	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	30	-21.30	-0.012154	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	40	-17.98	-0.010260	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	50	-21.69	-0.012377	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-30	-19.44	-0.011093	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-20	-20.21	-0.011532	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-10	-19.47	-0.011110	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	0	-19.57	-0.011167	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	10	-23.13	-0.013198	±2.5	PASS

Band4	5MHz	16QAM	20375	25RB#0	NV	20	-19.31	-0.011019	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	30	-18.53	-0.010573	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	40	-19.97	-0.011395	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	50	-12.66	-0.007224	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-30	10.46	0.006099	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-20	13.06	0.007615	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-10	15.39	0.008974	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	0	14.35	0.008367	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	10	20.36	0.011872	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	20	23.82	0.013889	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	30	24.03	0.014012	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	40	24.03	0.014012	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	50	25.22	0.014706	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-30	33.75	0.019679	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-20	34.95	0.020379	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-10	40.81	0.023796	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	0	40.07	0.023364	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	10	40.66	0.023708	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	20	3.25	0.001895	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	30	4.19	0.002443	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	40	5.74	0.003347	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	50	8.45	0.004927	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	-36.69	-0.021177	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	12.19	0.007036	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-10	8.77	0.005062	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	2.66	0.001535	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	-14.02	-0.008092	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	-22.26	-0.012848	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	30	-20.11	-0.011608	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	40	-24.88	-0.014361	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	50	-26.85	-0.015498	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-30	-3.89	-0.002245	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-20	-6.25	-0.003608	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-10	-12.06	-0.006961	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	0	-13.95	-0.008052	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	10	-16.12	-0.009304	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	20	-21.16	-0.012214	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	30	-17.84	-0.010297	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	40	-18.30	-0.010563	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	50	-18.24	-0.010528	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-30	18.31	0.010463	±2.5	PASS

Band4	10MHz	QPSK	20350	50RB#0	NV	-20	16.82	0.009611	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-10	9.71	0.005549	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	0	8.50	0.004857	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	10	3.85	0.002200	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	20	-5.65	-0.003229	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	30	-13.66	-0.007806	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	40	-18.75	-0.010714	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	50	-24.42	-0.013954	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-30	-19.96	-0.011406	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-20	-20.57	-0.011754	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-10	-18.94	-0.010823	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	0	-16.61	-0.009491	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	10	-20.67	-0.011811	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	20	-15.75	-0.009000	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	30	-18.85	-0.010771	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	40	-20.06	-0.011463	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	50	-19.50	-0.011143	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-30	-17.48	-0.010178	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-20	-17.75	-0.010335	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-10	-16.11	-0.009380	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	0	-19.24	-0.011202	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	10	-20.53	-0.011953	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	20	-20.70	-0.012052	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	30	-21.44	-0.012483	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	40	-24.91	-0.014504	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	50	-25.39	-0.014783	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-30	-4.59	-0.002672	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-20	5.42	0.003156	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-10	12.82	0.007464	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	0	8.87	0.005164	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	10	11.84	0.006894	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	20	15.12	0.008803	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	30	16.04	0.009339	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	40	20.11	0.011709	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	50	21.57	0.012559	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	-3.76	-0.002170	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	-11.17	-0.006447	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-10	-18.97	-0.010949	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	-20.51	-0.011838	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	-21.73	-0.012543	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	-26.84	-0.015492	±2.5	PASS

Band4	15MHz	QPSK	20175	75RB#0	NV	30	-30.64	-0.017685	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	40	-29.14	-0.016820	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	50	-32.46	-0.018736	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-30	3.76	0.002170	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-20	-5.98	-0.003452	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-10	-8.21	-0.004739	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	0	-5.31	-0.003065	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	10	-9.76	-0.005633	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	20	-9.50	-0.005483	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	30	-12.63	-0.007290	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	40	-10.30	-0.005945	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	50	-11.09	-0.006401	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-30	9.56	0.005471	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-20	8.88	0.005082	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-10	8.00	0.004578	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	0	10.67	0.006106	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	10	11.13	0.006369	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	20	6.18	0.003536	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	30	-4.45	-0.002546	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	40	-8.51	-0.004870	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	50	-12.46	-0.007130	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-30	-24.53	-0.014037	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-20	-26.52	-0.015176	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-10	-23.90	-0.013677	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	0	-22.89	-0.013099	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	10	-25.85	-0.014793	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	20	-24.56	-0.014054	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	30	-22.62	-0.012944	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	40	-20.86	-0.011937	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	50	-17.65	-0.010100	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	8.65	0.005029	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	14.81	0.008610	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	15.92	0.009256	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	18.07	0.010506	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	18.68	0.010860	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	22.50	0.013081	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	22.49	0.013076	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	27.32	0.015884	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	24.03	0.013971	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	36.45	0.021192	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	40.54	0.023570	±2.5	PASS

Band4	20MHz	16QAM	20050	100RB#0	NV	-10	43.30	0.025174	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	12.53	0.007285	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	16.78	0.009756	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	17.78	0.010337	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	20.54	0.011942	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	26.74	0.015547	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	27.61	0.016052	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-29.21	-0.016860	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-35.33	-0.020392	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	-8.01	-0.004623	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-13.73	-0.007925	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-17.67	-0.010199	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-24.76	-0.014291	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-28.34	-0.016358	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-31.01	-0.017899	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-38.11	-0.021997	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-40.56	-0.023411	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	-39.91	-0.023036	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-10	-40.11	-0.023152	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	-40.44	-0.023342	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	-37.25	-0.021501	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	-39.25	-0.022655	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	-36.99	-0.021351	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	-38.51	-0.022228	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	-33.63	-0.019411	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	6.37	0.003650	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-6.97	-0.003994	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	-12.95	-0.007421	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-16.79	-0.009622	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-23.96	-0.013731	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-34.68	-0.019874	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-37.58	-0.021536	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-42.04	-0.024092	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-45.29	-0.025954	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-47.88	-0.027438	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-45.83	-0.026264	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-10	-47.76	-0.027370	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-43.75	-0.025072	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-48.27	-0.027662	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-13.76	-0.007885	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-15.99	-0.009163	±2.5	PASS

Band4	20MHz	16QAM	20300	100RB#0	NV	40	-21.21	-0.012155	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-20.11	-0.011524	±2.5	PASS