

Appendix for LTE B5

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Appendix A: Effective Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Power(dBm)	Antenna Gain(dBi)	ERP(dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.09	-17.9	4.04	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.02	-17.9	3.97	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.79	-17.9	3.74	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.86	-17.9	3.81	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.89	-17.9	3.84	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.9	-17.9	3.85	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.03	-17.9	2.98	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.17	-17.9	3.12	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.93	-17.9	2.88	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.97	-17.9	2.92	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.9	-17.9	2.85	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.01	-17.9	2.96	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.8	-17.9	2.75	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.84	-17.9	1.79	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.67	-17.9	3.62	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.61	-17.9	3.56	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.62	-17.9	3.57	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.6	-17.9	3.55	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.61	-17.9	3.56	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.6	-17.9	3.55	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.76	-17.9	2.71	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.67	-17.9	2.62	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.99	-17.9	2.94	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.66	-17.9	2.61	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.46	-17.9	2.41	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.74	-17.9	2.69	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.59	-17.9	2.54	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.79	-17.9	1.74	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.48	-17.9	3.43	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.55	-17.9	3.5	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.3	-17.9	3.25	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.5	-17.9	3.45	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.5	-17.9	3.45	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.42	-17.9	3.37	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.62	-17.9	2.57	38.45	PASS

Band5	1.4MHz	16QAM	20643	1RB#0	22.52	-17.9	2.47	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.29	-17.9	2.24	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.47	-17.9	2.42	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.61	-17.9	2.56	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.48	-17.9	2.43	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.45	-17.9	2.4	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.68	-17.9	1.63	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.7	-17.9	3.65	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.01	-17.9	3.96	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.81	-17.9	3.76	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.01	-17.9	2.96	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.07	-17.9	3.02	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.05	-17.9	3	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.02	-17.9	2.97	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.01	-17.9	2.96	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.03	-17.9	2.98	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.05	-17.9	3	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.14	-17.9	2.09	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	22	-17.9	1.95	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.13	-17.9	2.08	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	22	-17.9	1.95	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.52	-17.9	3.47	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.62	-17.9	3.57	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.64	-17.9	3.59	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.83	-17.9	2.78	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.89	-17.9	2.84	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.91	-17.9	2.86	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.88	-17.9	2.83	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.52	-17.9	2.47	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.12	-17.9	3.07	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.7	-17.9	2.65	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.91	-17.9	1.86	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.89	-17.9	1.84	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.96	-17.9	1.91	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.95	-17.9	1.9	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.48	-17.9	3.43	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.64	-17.9	3.59	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.22	-17.9	3.17	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.58	-17.9	2.53	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.56	-17.9	2.51	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.47	-17.9	2.42	38.45	PASS

Band5	3MHz	QPSK	20635	15RB#0	22.54	-17.9	2.49	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.41	-17.9	2.36	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.31	-17.9	2.26	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.15	-17.9	2.1	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.7	-17.9	1.65	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.58	-17.9	1.53	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.57	-17.9	1.52	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.54	-17.9	1.49	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.15	-17.9	4.1	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.97	-17.9	3.92	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.96	-17.9	3.91	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.07	-17.9	3.02	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.06	-17.9	3.01	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.04	-17.9	2.99	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.08	-17.9	3.03	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	23	-17.9	2.95	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.78	-17.9	2.73	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.74	-17.9	2.69	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.17	-17.9	2.12	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.03	-17.9	1.98	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.13	-17.9	2.08	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.06	-17.9	2.01	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.87	-17.9	3.82	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.73	-17.9	3.68	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.97	-17.9	3.92	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.86	-17.9	2.81	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.89	-17.9	2.84	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.98	-17.9	2.93	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.98	-17.9	2.93	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.17	-17.9	3.12	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.99	-17.9	2.94	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.23	-17.9	3.18	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.05	-17.9	2	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.98	-17.9	1.93	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.12	-17.9	2.07	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.01	-17.9	1.96	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.91	-17.9	3.86	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.46	-17.9	3.41	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.36	-17.9	3.31	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.66	-17.9	2.61	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.59	-17.9	2.54	38.45	PASS

Band5	5MHz	QPSK	20625	12RB#13	22.53	-17.9	2.48	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.64	-17.9	2.59	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.94	-17.9	2.89	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.4	-17.9	2.35	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.42	-17.9	2.37	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.86	-17.9	1.81	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.65	-17.9	1.6	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.62	-17.9	1.57	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.72	-17.9	1.67	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.08	-17.9	4.03	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.68	-17.9	3.63	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.69	-17.9	3.64	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.95	-17.9	2.9	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.76	-17.9	2.71	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.75	-17.9	2.7	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.84	-17.9	2.79	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.34	-17.9	3.29	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#12	23.02	-17.9	2.97	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.73	-17.9	2.68	38.45	PASS
Band5	10MHz	16QAM	20450	12RB#0	23.18	-17.9	3.13	38.45	PASS
Band5	10MHz	16QAM	20450	12RB#6	23.01	-17.9	2.96	38.45	PASS
Band5	10MHz	16QAM	20450	12RB#13	22.88	-17.9	2.83	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.1	-17.9	2.05	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.63	-17.9	3.58	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.6	-17.9	3.55	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.02	-17.9	3.97	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.88	-17.9	2.83	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.83	-17.9	2.78	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	23	-17.9	2.95	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.88	-17.9	2.83	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.66	-17.9	2.61	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#12	23.14	-17.9	3.09	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.05	-17.9	3	38.45	PASS
Band5	10MHz	16QAM	20525	12RB#0	22.91	-17.9	2.86	38.45	PASS
Band5	10MHz	16QAM	20525	12RB#6	22.85	-17.9	2.8	38.45	PASS
Band5	10MHz	16QAM	20525	12RB#13	22.8	-17.9	2.75	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.96	-17.9	1.91	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.94	-17.9	3.89	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.8	-17.9	3.75	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.43	-17.9	3.38	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.98	-17.9	2.93	38.45	PASS

Band5	10MHz	QPSK	20600	25RB#12	22.89	-17.9	2.84	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.83	-17.9	2.78	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.88	-17.9	2.83	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.96	-17.9	2.91	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#12	22.78	-17.9	2.73	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.64	-17.9	2.59	38.45	PASS
Band5	10MHz	16QAM	20600	12RB#0	22.98	-17.9	2.93	38.45	PASS
Band5	10MHz	16QAM	20600	12RB#6	22.97	-17.9	2.92	38.45	PASS
Band5	10MHz	16QAM	20600	12RB#13	22.89	-17.9	2.84	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.04	-17.9	1.99	38.45	PASS

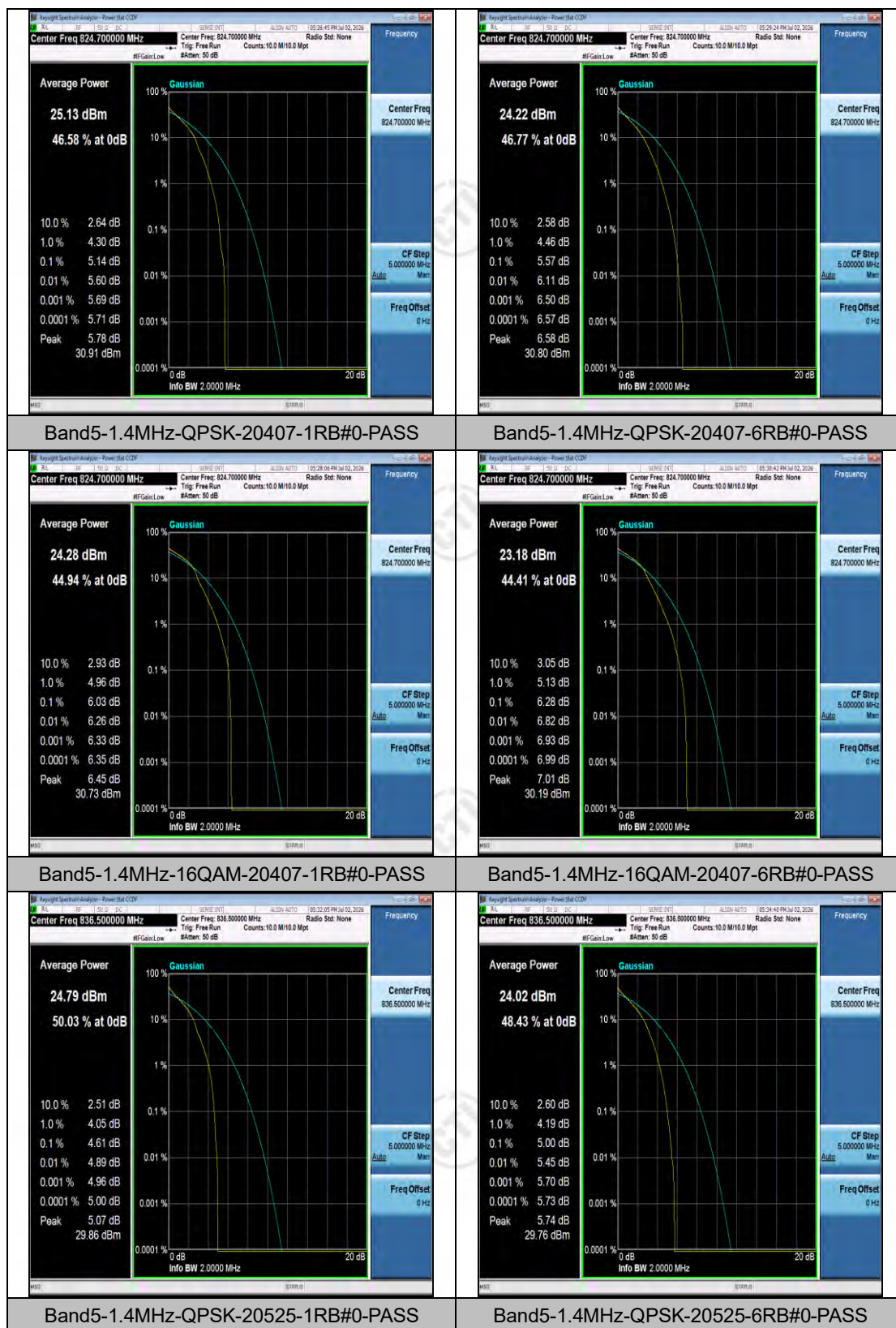
Appendix B: Peak-to-Average Ratio(CCDF)

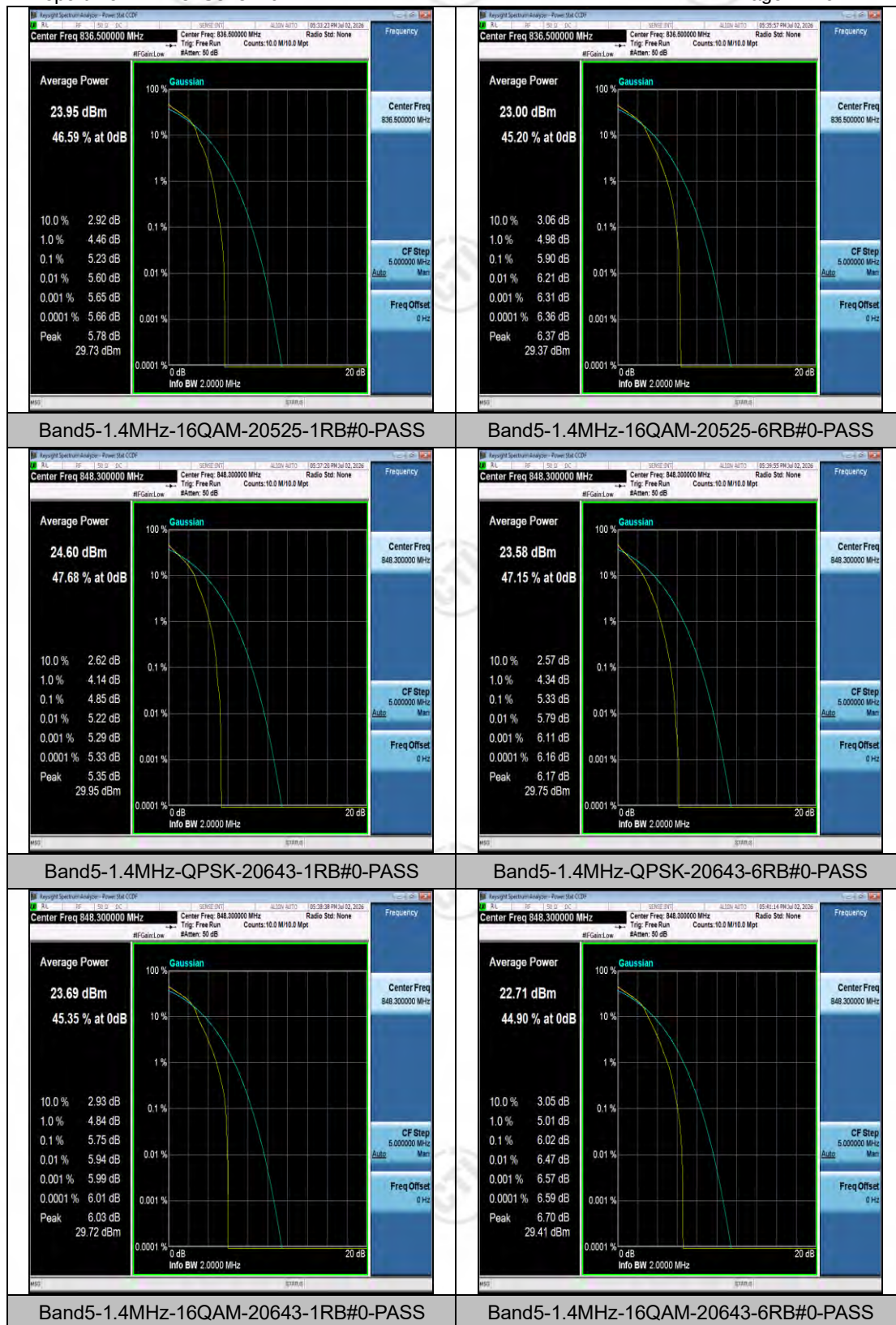
Test Result

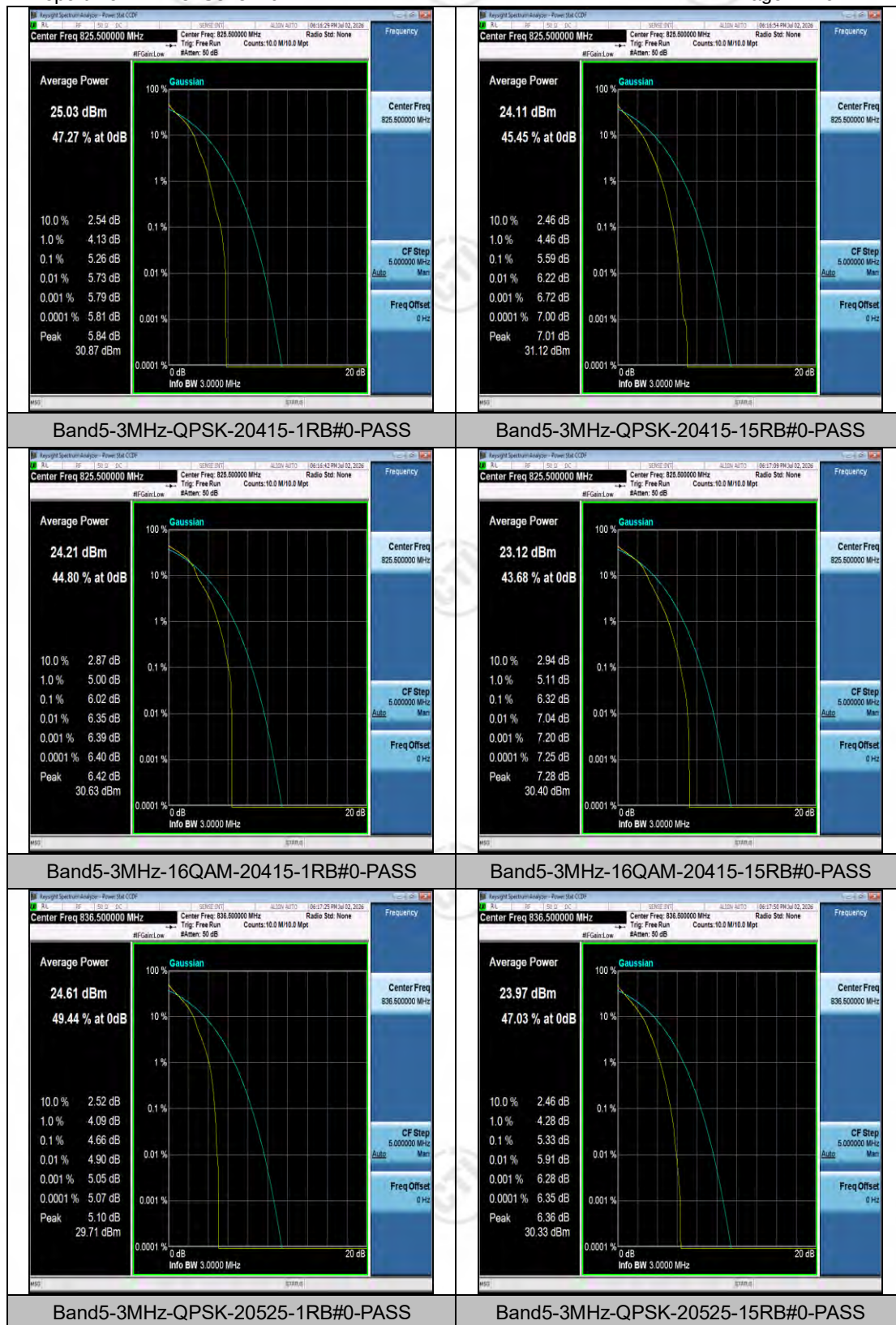
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	5.14	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.57	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	6.03	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.28	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.61	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.00	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.23	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.90	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.85	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.33	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.75	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.02	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.26	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.59	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	6.02	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.32	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.66	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.33	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.30	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.11	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	5.29	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.46	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	6.16	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.20	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.01	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.66	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.83	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.30	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.43	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.22	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.16	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.85	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	5.39	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.62	13	PASS

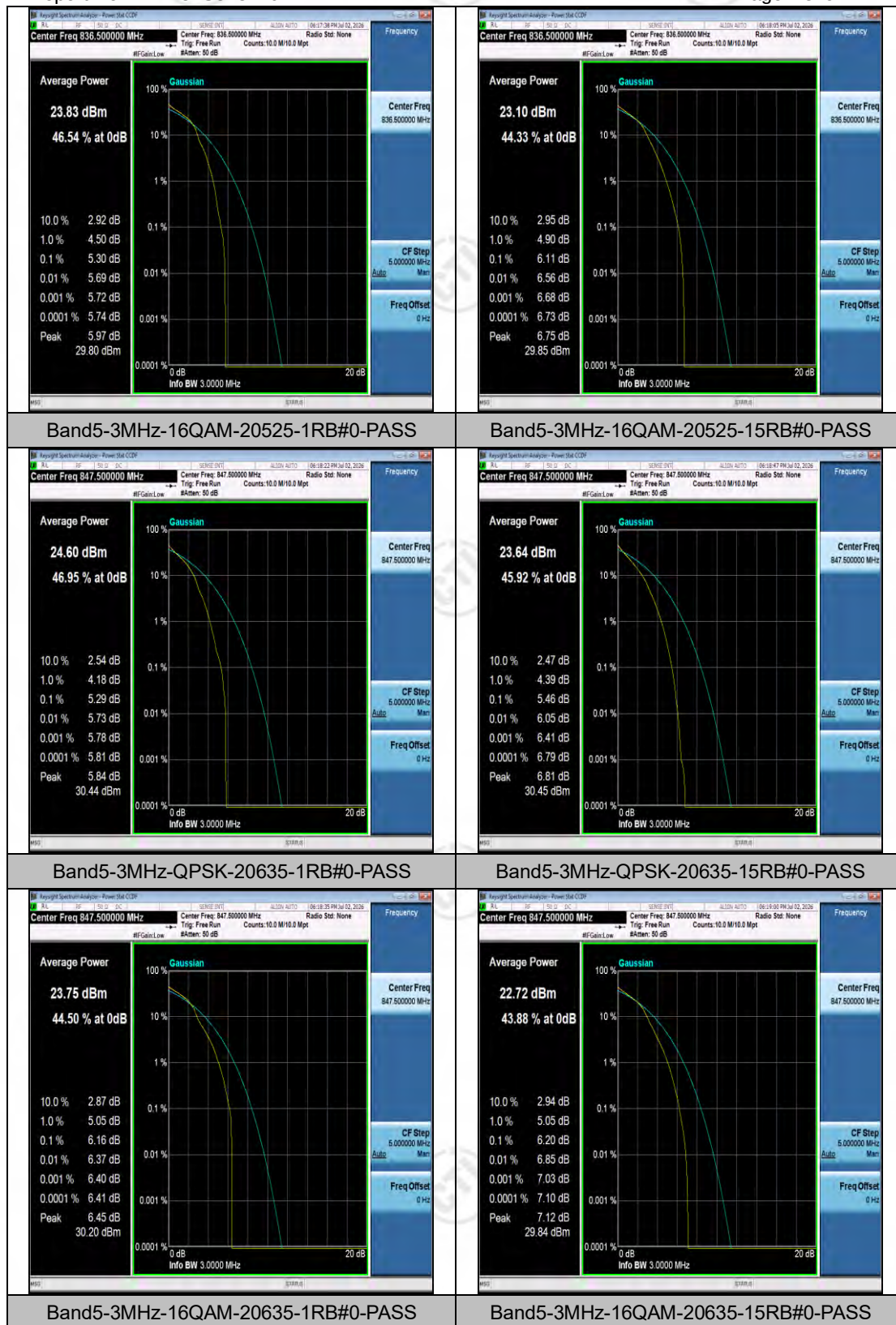
Band5	5MHz	16QAM	20625	1RB#0	6.19	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.24	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.23	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.56	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.98	13	PASS
Band5	10MHz	16QAM	20450	1RB#24	5.73	13	PASS
Band5	10MHz	16QAM	20450	25RB#0	6.31	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.75	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.38	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.40	13	PASS
Band5	10MHz	16QAM	20525	1RB#24	5.42	13	PASS
Band5	10MHz	16QAM	20525	25RB#0	5.82	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	5.03	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.58	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.78	13	PASS
Band5	10MHz	16QAM	20600	1RB#24	6.10	13	PASS
Band5	10MHz	16QAM	20600	25RB#0	6.38	13	PASS

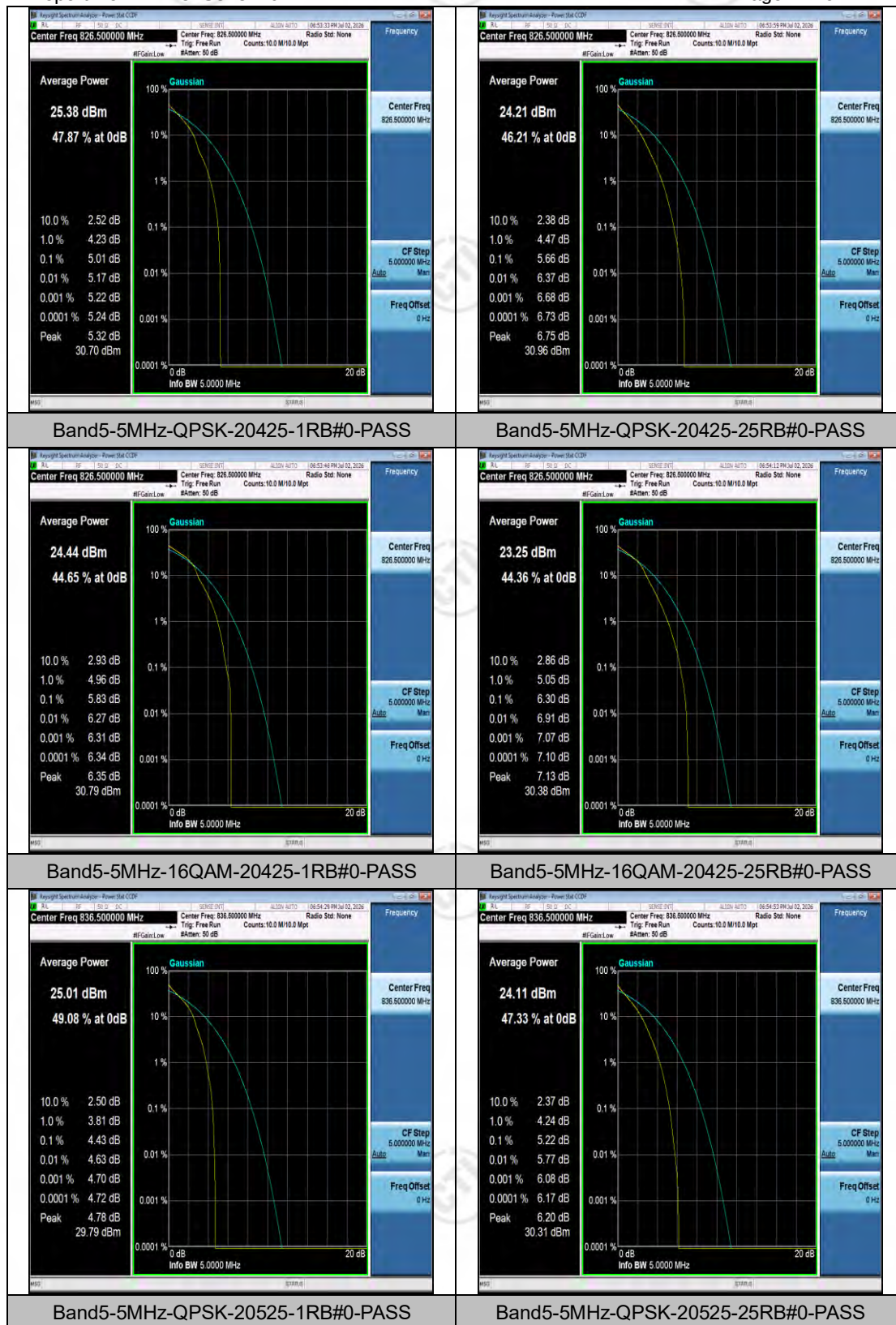
Test Graphs

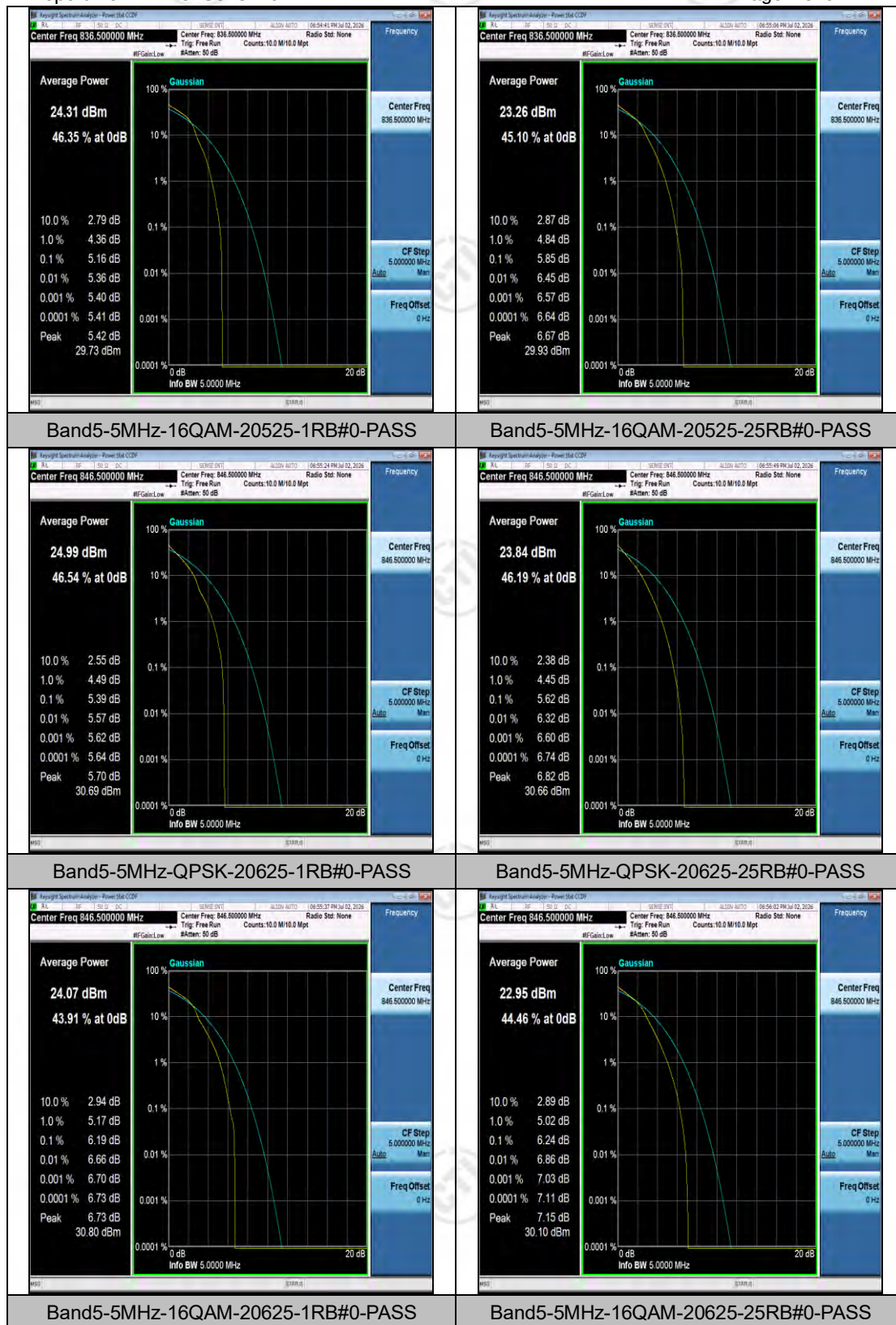


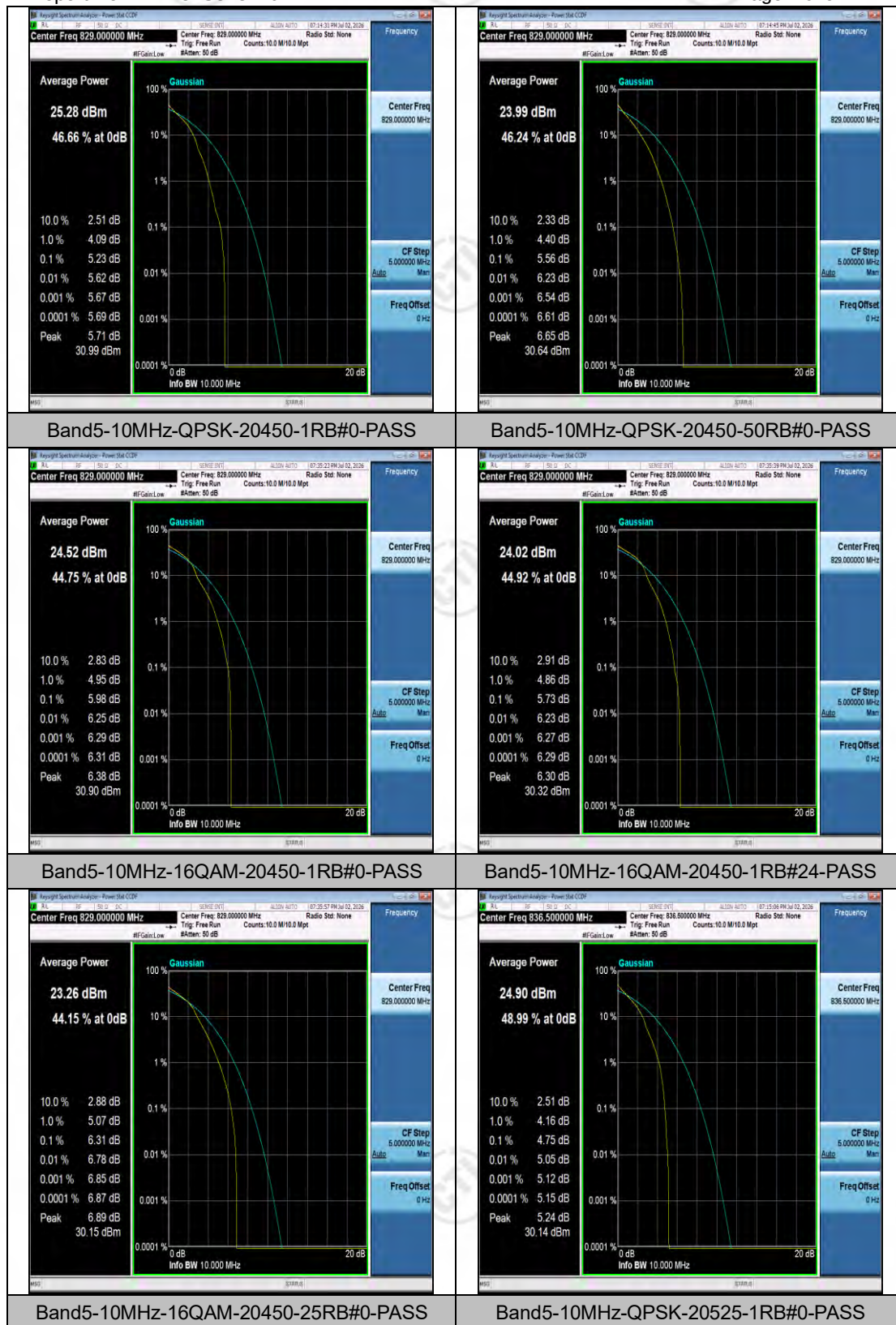


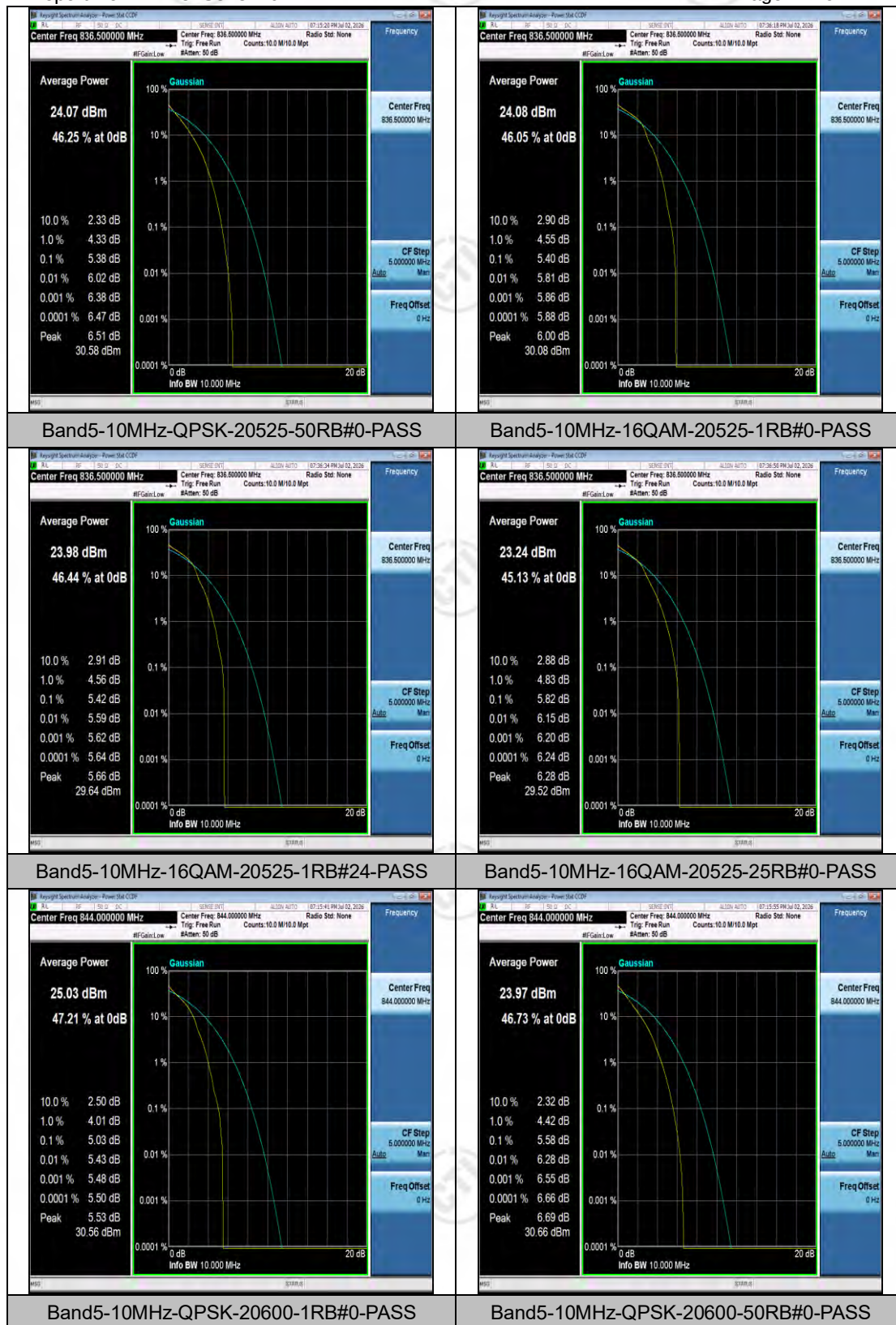


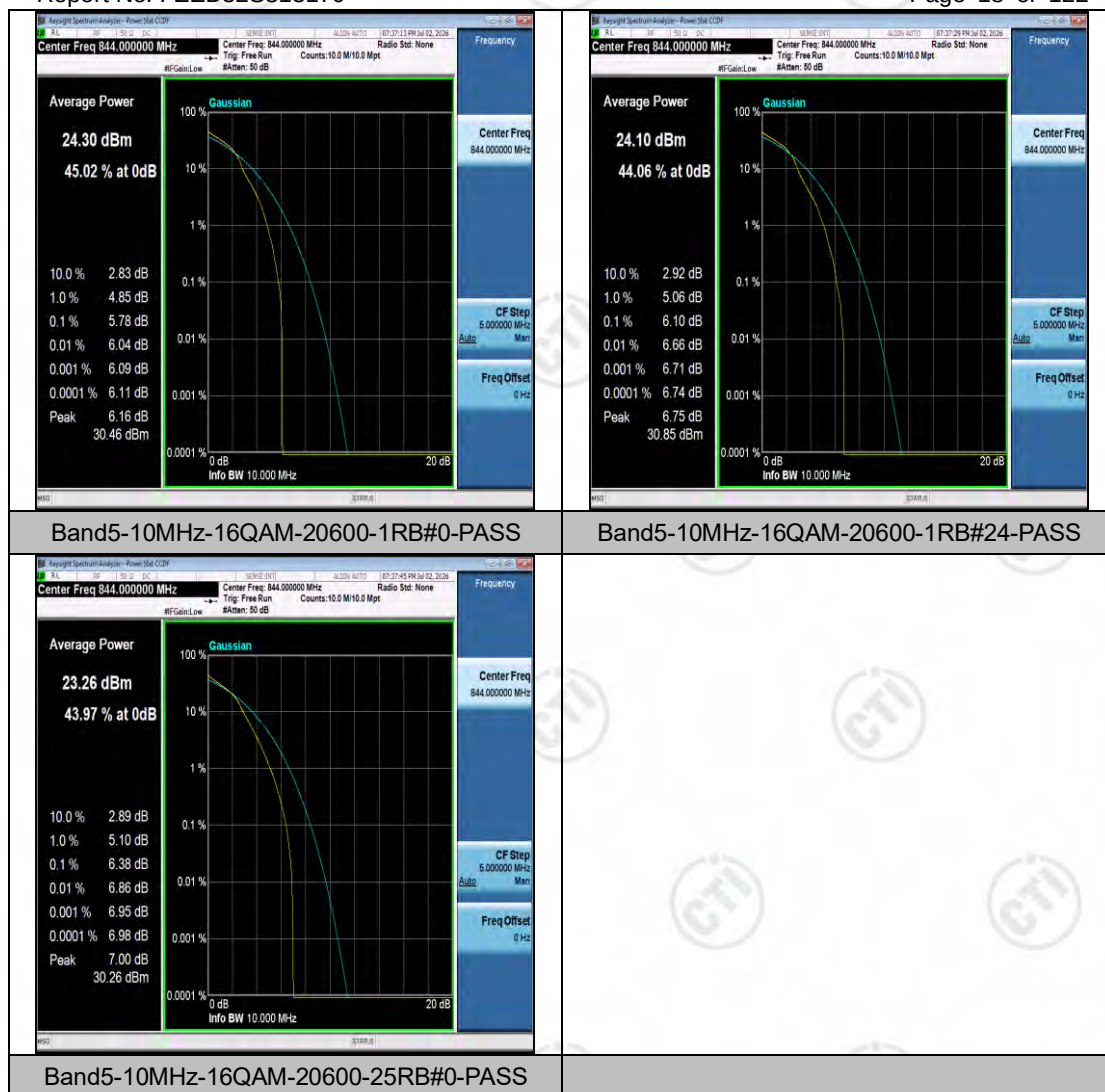










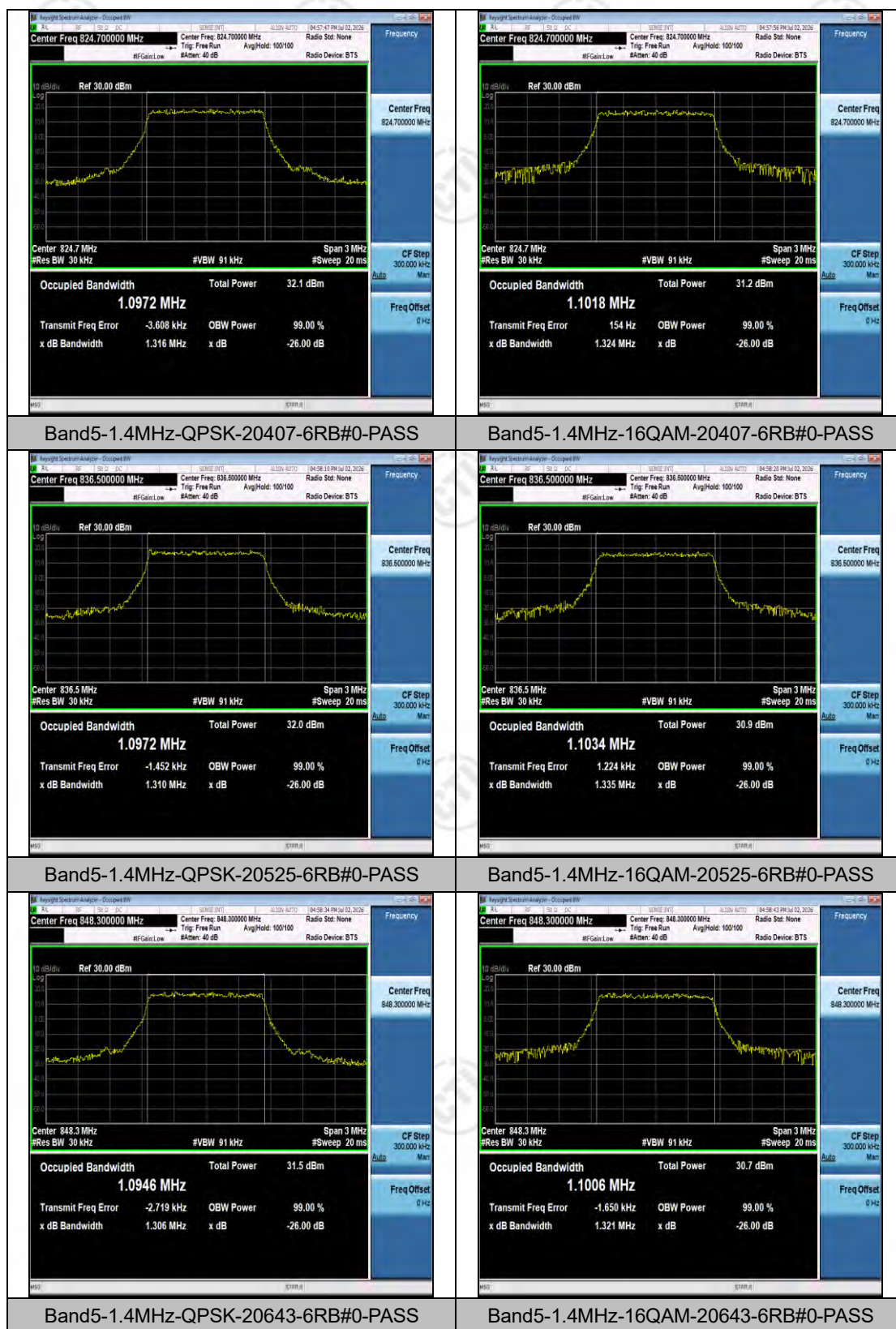


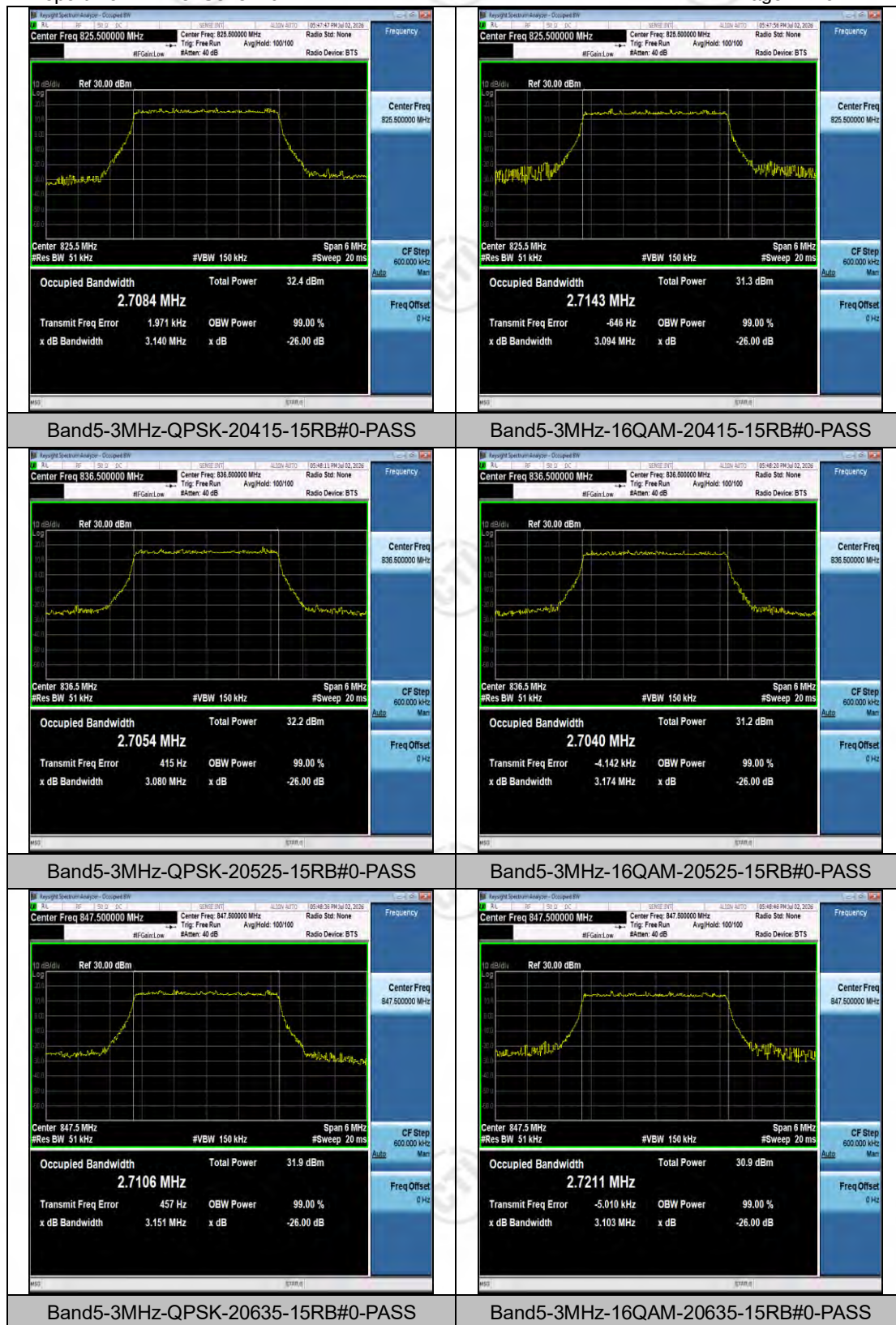
Appendix C: 26dB Bandwidth and Occupied Bandwidth

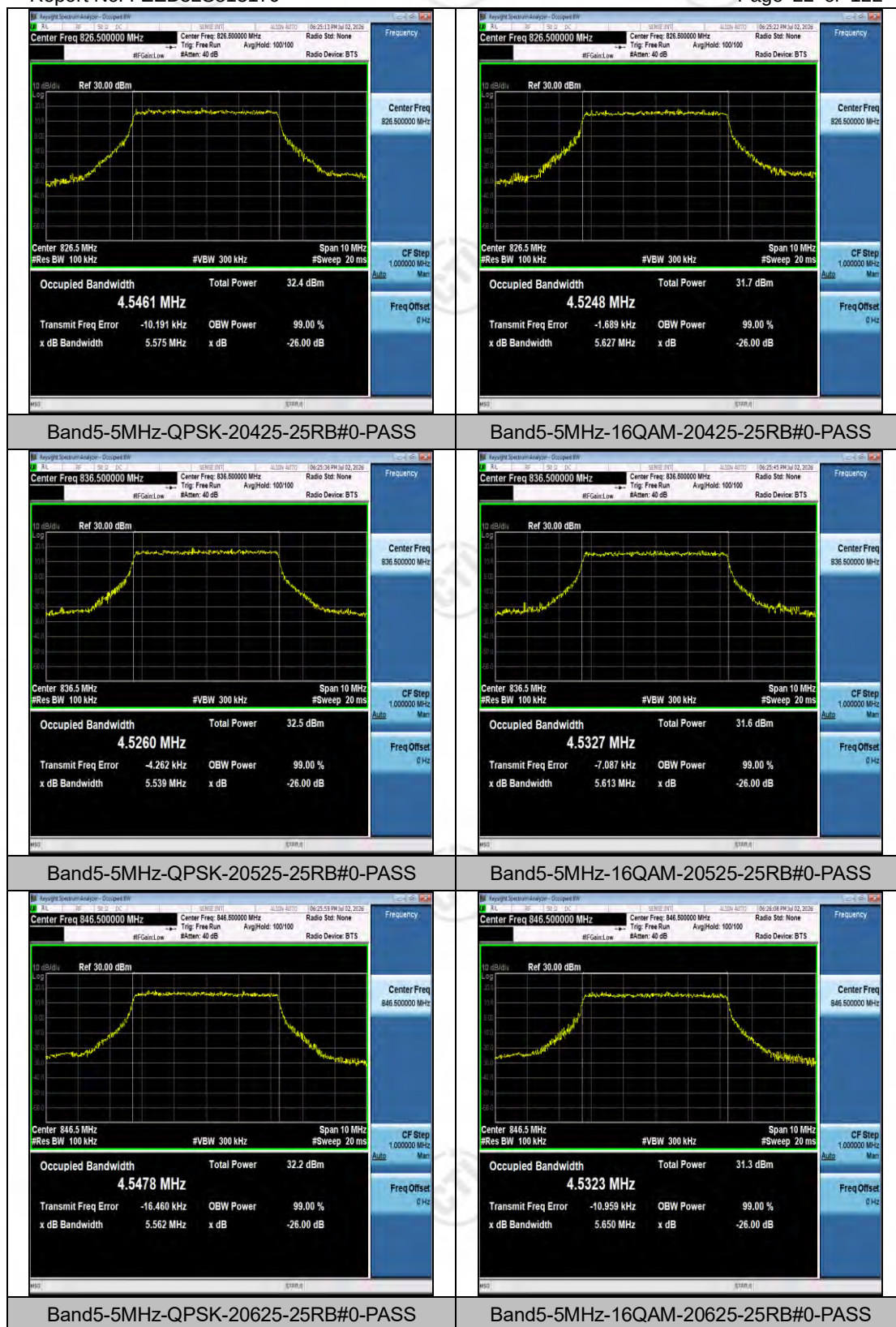
Test Result

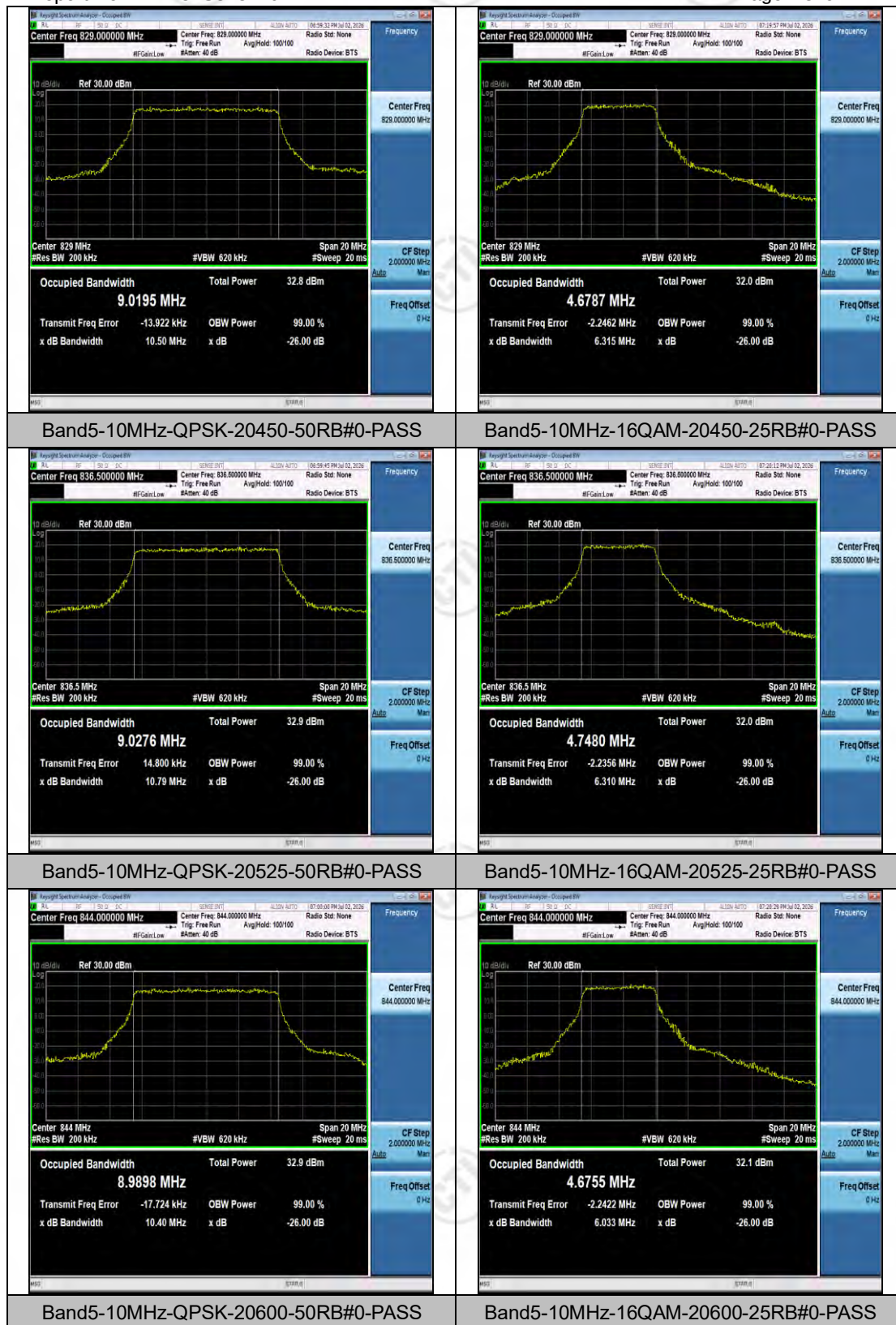
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0972	1.316	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1018	1.324	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0972	1.310	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1034	1.335	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0946	1.306	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1006	1.321	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7084	3.140	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7143	3.094	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7054	3.080	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7040	3.174	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7106	3.151	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7211	3.103	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5461	5.575	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5248	5.627	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5260	5.539	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5327	5.613	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5478	5.562	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5323	5.650	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0195	10.50	PASS
Band5	10MHz	16QAM	20450	25RB#0	4.6787	6.315	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0276	10.79	PASS
Band5	10MHz	16QAM	20525	25RB#0	4.7480	6.310	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9898	10.40	PASS
Band5	10MHz	16QAM	20600	25RB#0	4.6755	6.033	PASS

Test Graphs









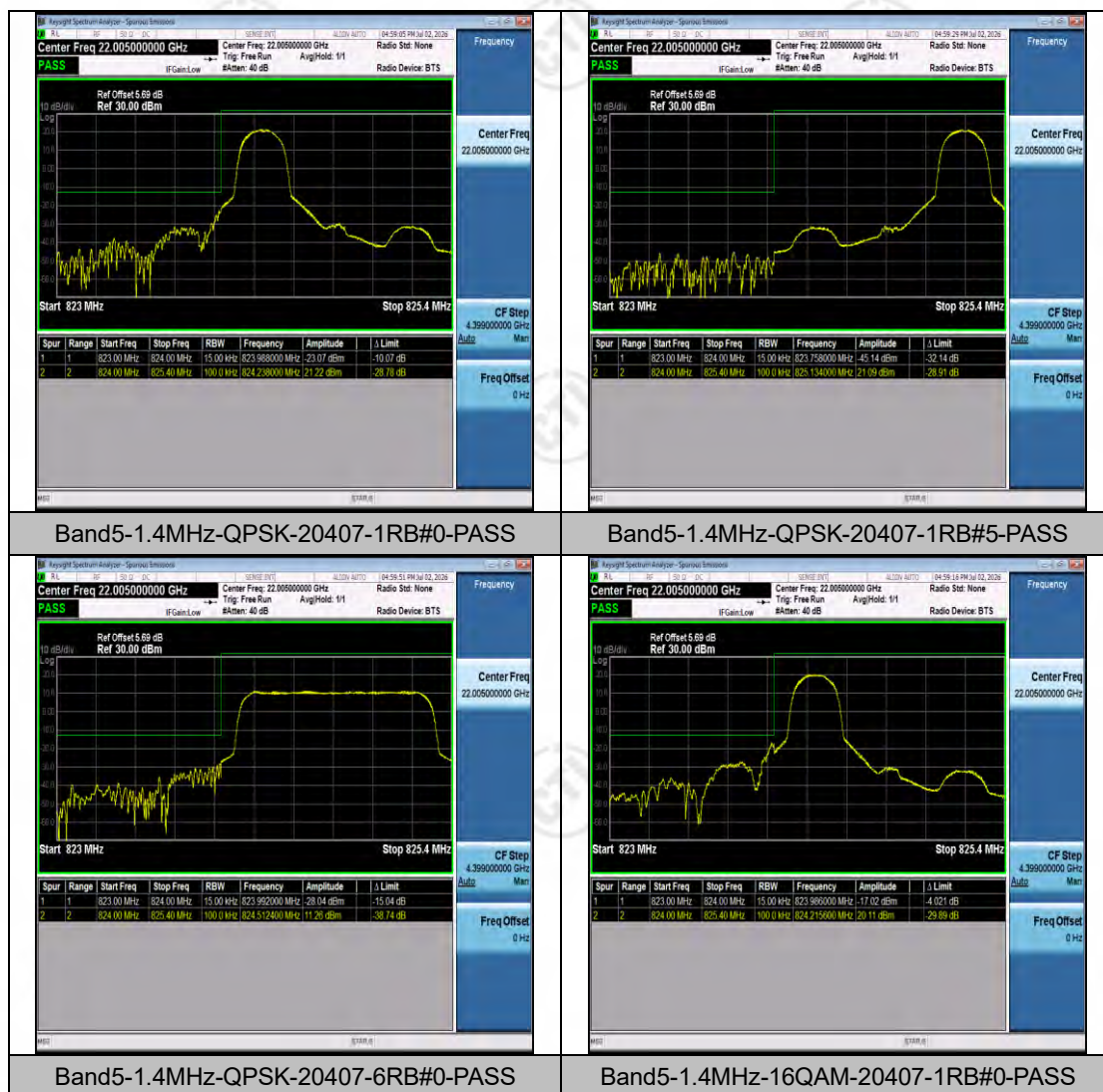
Appendix D: Band Edge

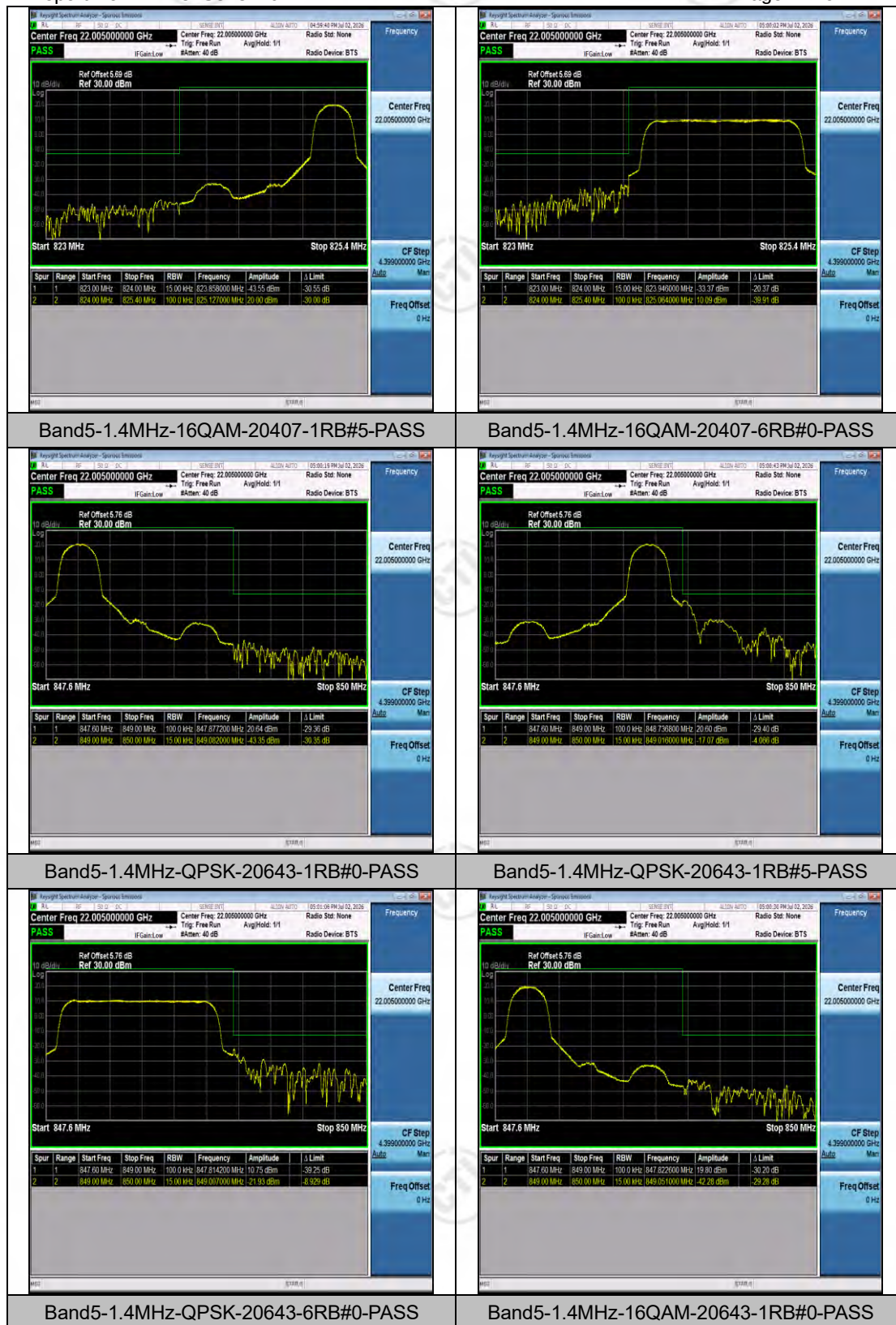
Test Result

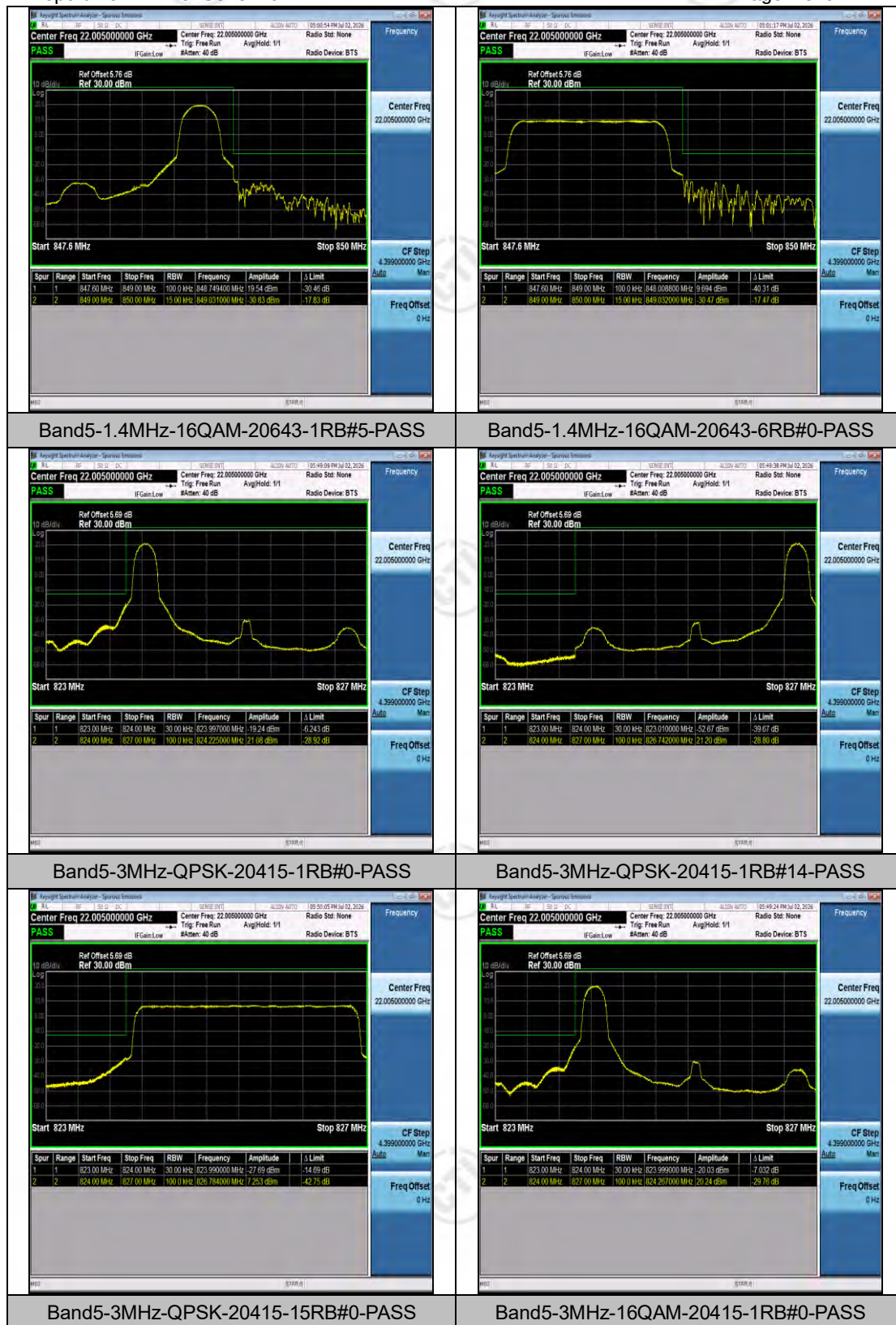
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Margin (dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-23.07	10.07	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-45.14	32.14	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-28.04	15.04	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-17.02	4.02	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-43.55	30.55	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-33.37	20.37	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-43.35	30.35	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-17.07	4.07	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-21.93	8.93	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-42.28	29.28	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-30.83	17.83	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-30.47	17.47	PASS
Band5	3MHz	QPSK	20415	1RB#0	-19.24	6.24	PASS
Band5	3MHz	QPSK	20415	1RB#14	-52.67	39.67	PASS
Band5	3MHz	QPSK	20415	15RB#0	-27.69	14.69	PASS
Band5	3MHz	16QAM	20415	1RB#0	-20.03	7.03	PASS
Band5	3MHz	16QAM	20415	1RB#14	-53.17	40.17	PASS
Band5	3MHz	16QAM	20415	15RB#0	-28.31	15.31	PASS
Band5	3MHz	QPSK	20635	1RB#0	-53.09	40.09	PASS
Band5	3MHz	QPSK	20635	1RB#14	-20.01	7.01	PASS
Band5	3MHz	QPSK	20635	15RB#0	-27.89	14.89	PASS
Band5	3MHz	16QAM	20635	1RB#0	-54.04	41.04	PASS
Band5	3MHz	16QAM	20635	1RB#14	-21.73	8.73	PASS
Band5	3MHz	16QAM	20635	15RB#0	-27.97	14.97	PASS
Band5	5MHz	QPSK	20425	1RB#0	-24.42	11.42	PASS
Band5	5MHz	QPSK	20425	1RB#24	-56.01	43.01	PASS
Band5	5MHz	QPSK	20425	25RB#0	-31.13	18.13	PASS
Band5	5MHz	16QAM	20425	1RB#0	-25.27	12.27	PASS
Band5	5MHz	16QAM	20425	1RB#24	-56.38	43.38	PASS
Band5	5MHz	16QAM	20425	25RB#0	-32.09	19.09	PASS
Band5	5MHz	QPSK	20625	1RB#0	-56.73	43.73	PASS
Band5	5MHz	QPSK	20625	1RB#24	-25.40	12.40	PASS
Band5	5MHz	QPSK	20625	25RB#0	-30.80	17.80	PASS
Band5	5MHz	16QAM	20625	1RB#0	-57.11	44.11	PASS
Band5	5MHz	16QAM	20625	1RB#24	-26.65	13.65	PASS

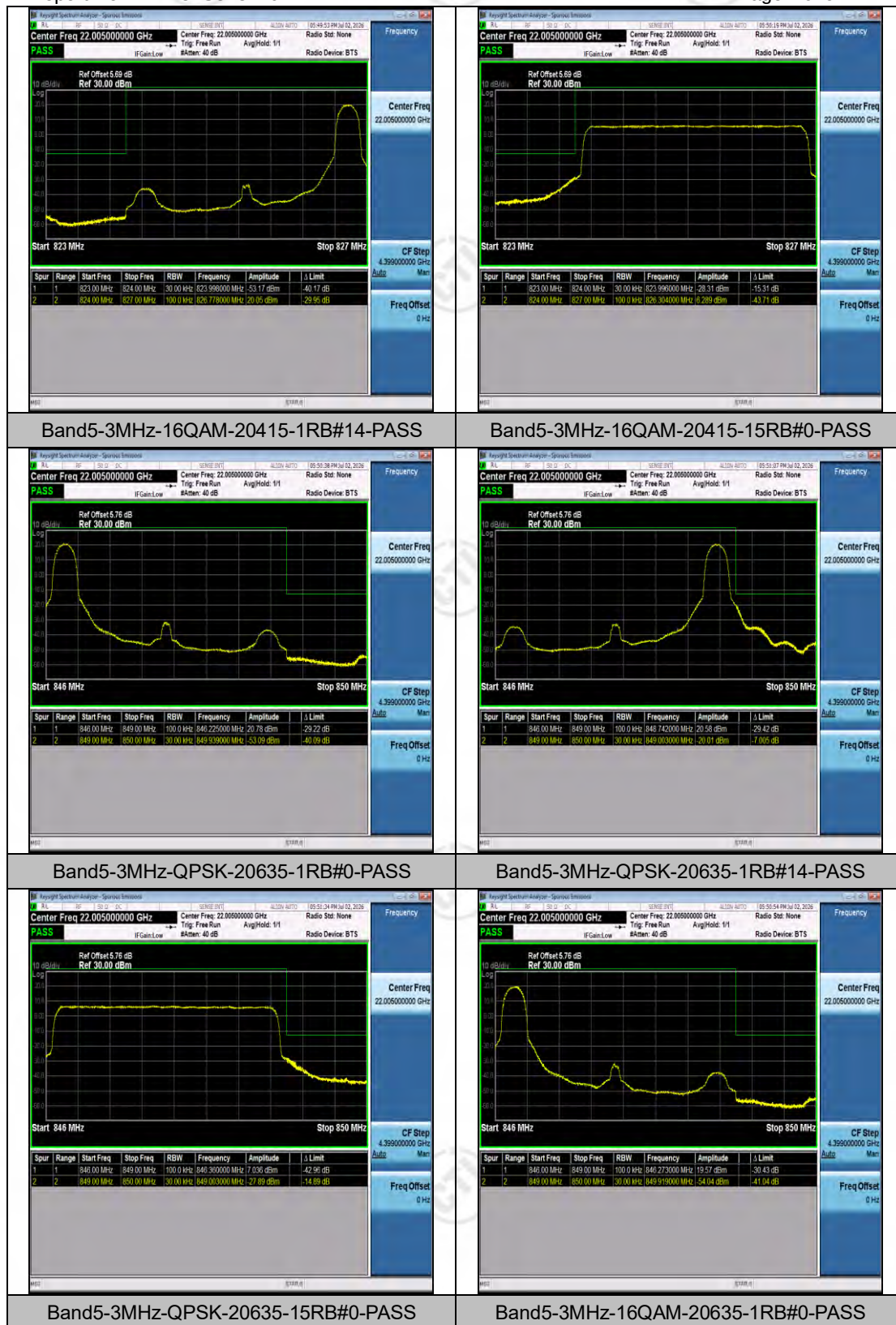
Band5	5MHz	16QAM	20625	25RB#0	-31.86	18.86	PASS
Band5	10MHz	QPSK	20450	1RB#0	-36.72	23.72	PASS
Band5	10MHz	QPSK	20450	1RB#49	-56.14	43.14	PASS
Band5	10MHz	QPSK	20450	50RB#0	-35.21	22.21	PASS
Band5	10MHz	16QAM	20450	1RB#0	-37.23	24.23	PASS
Band5	10MHz	16QAM	20450	1RB#24	-55.27	42.27	PASS
Band5	10MHz	16QAM	20450	25RB#0	-33.96	20.96	PASS
Band5	10MHz	QPSK	20600	1RB#0	-56.52	43.52	PASS
Band5	10MHz	QPSK	20600	1RB#49	-37.84	24.84	PASS
Band5	10MHz	QPSK	20600	50RB#0	-34.57	21.57	PASS
Band5	10MHz	16QAM	20600	1RB#0	-56.95	43.95	PASS
Band5	10MHz	16QAM	20600	1RB#24	-55.52	42.52	PASS
Band5	10MHz	16QAM	20600	25RB#0	-48.92	35.92	PASS

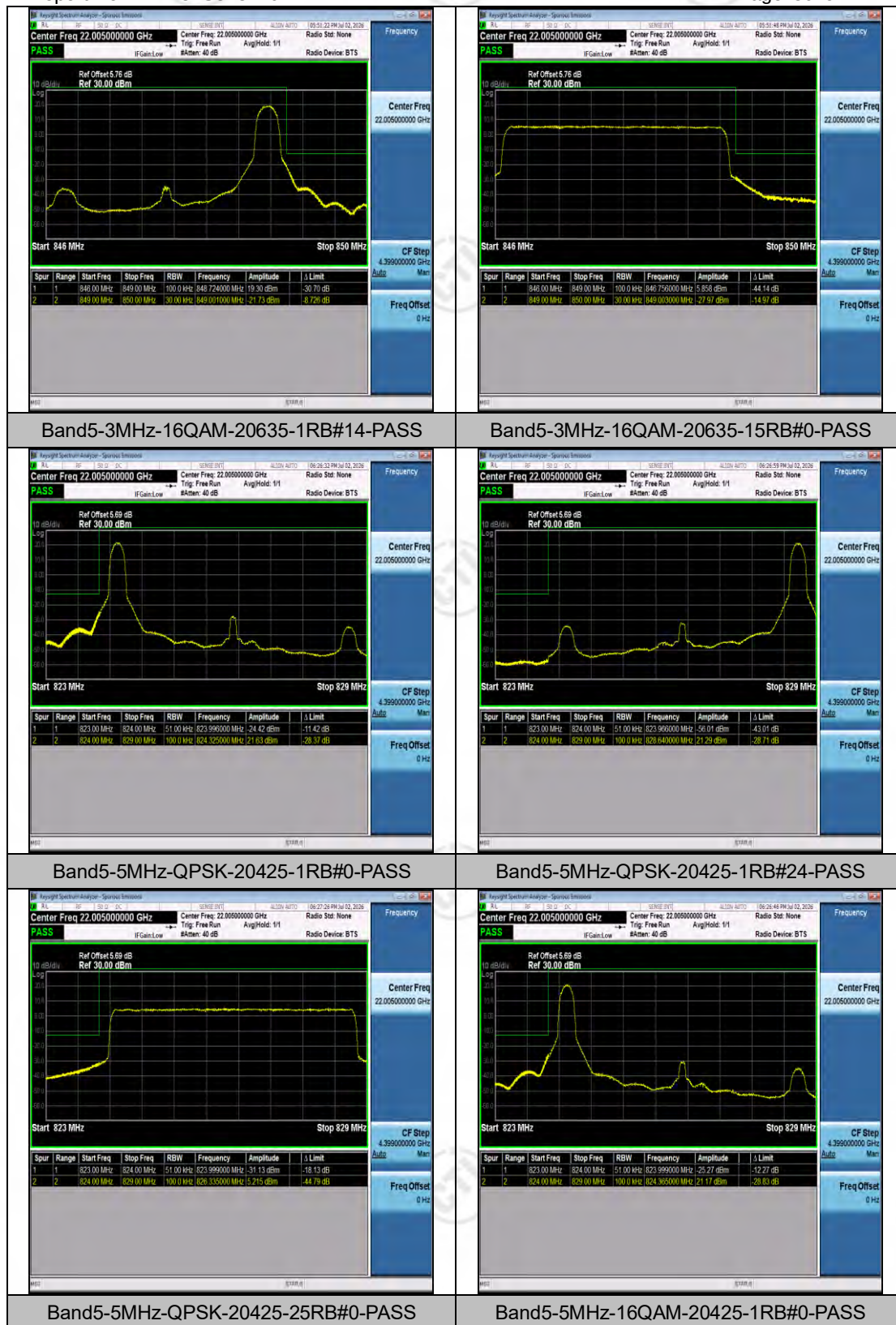
Test Graphs

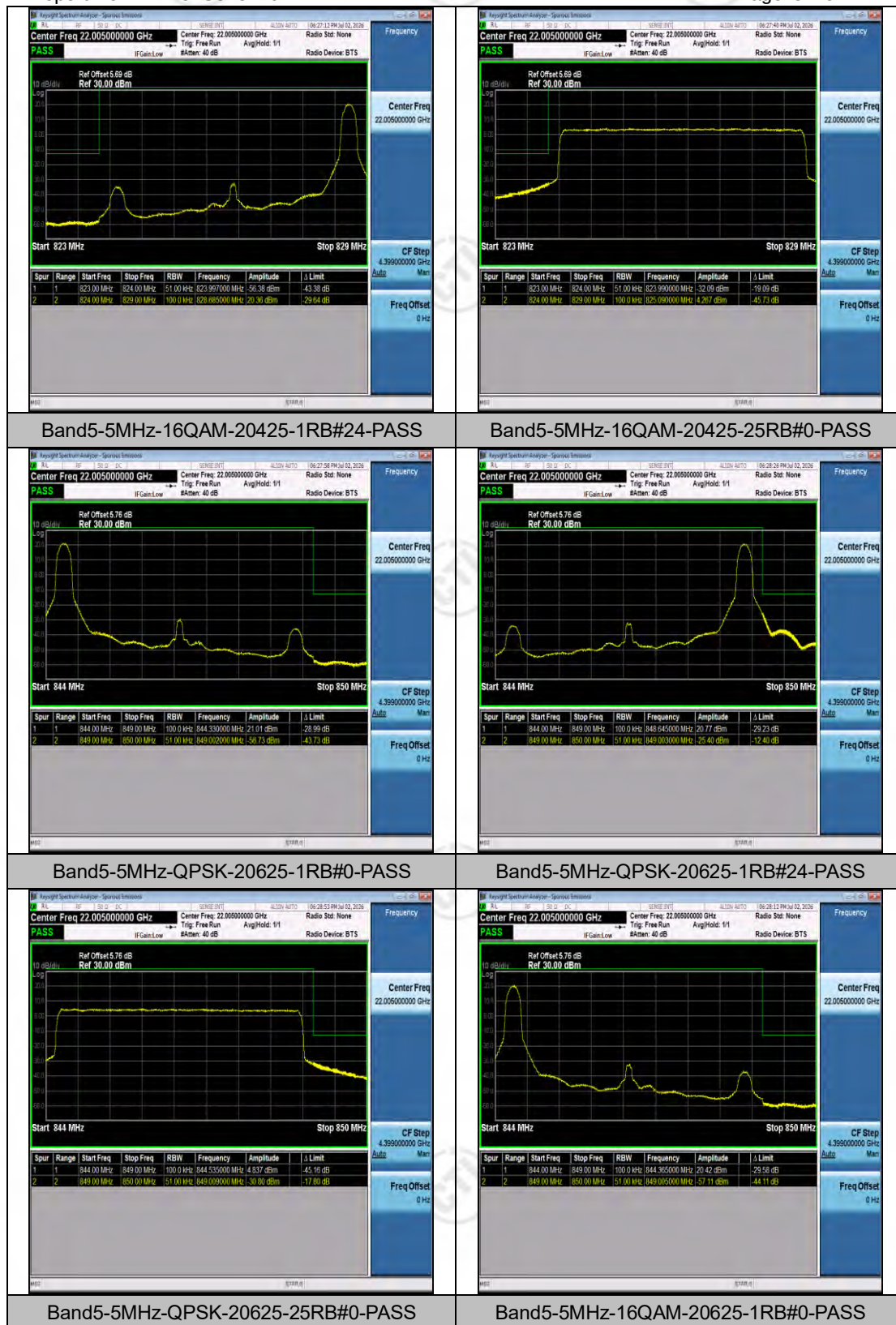


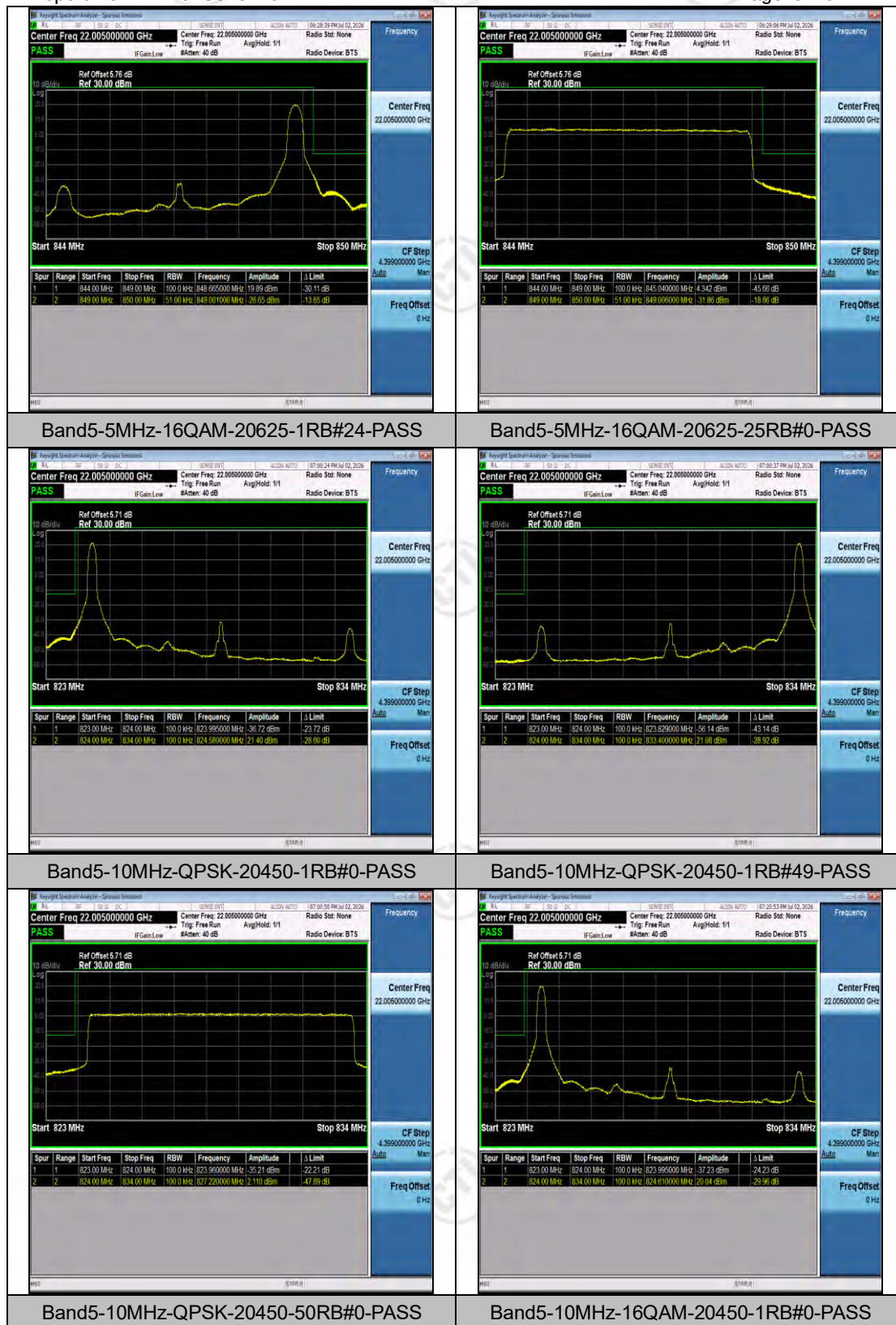


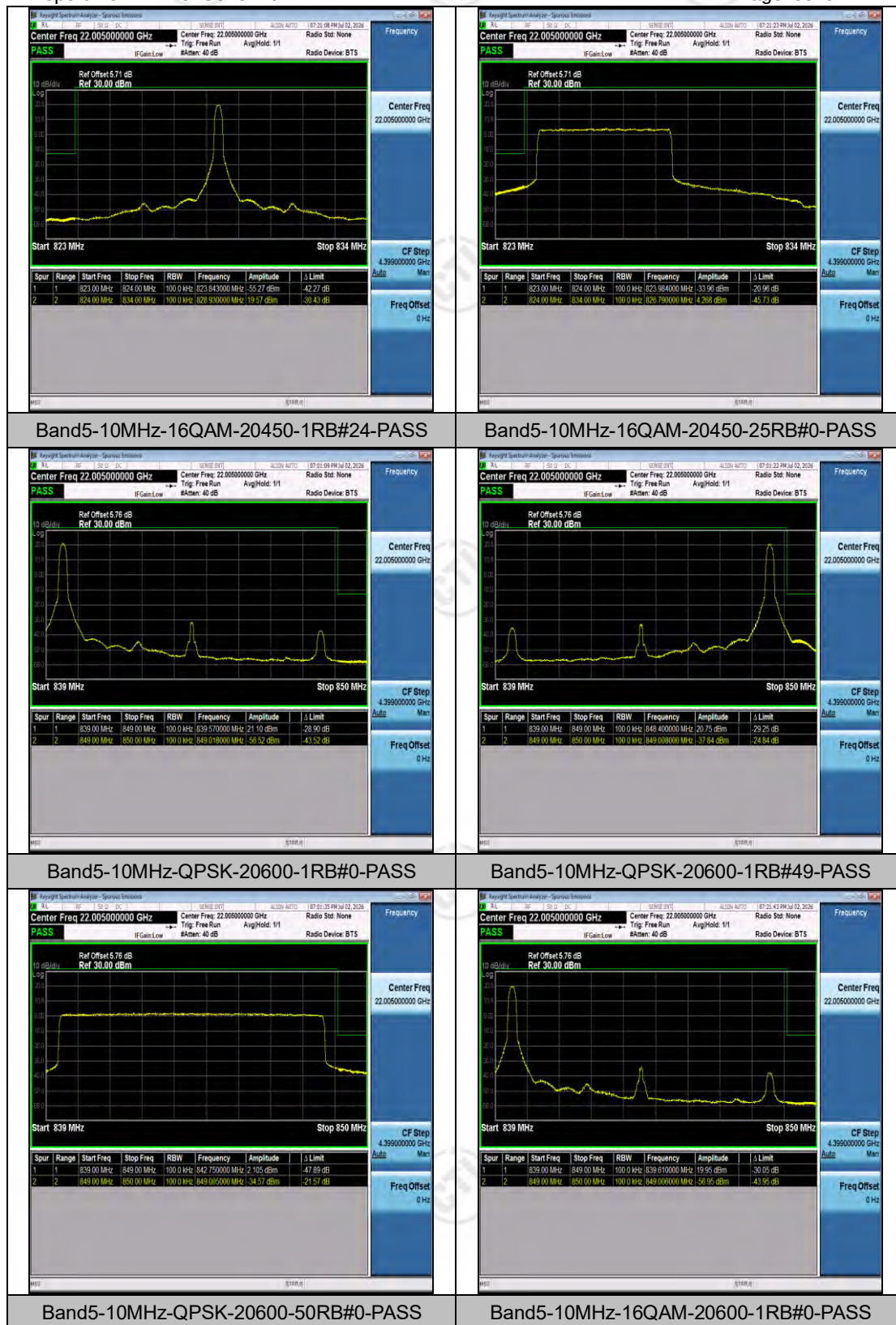


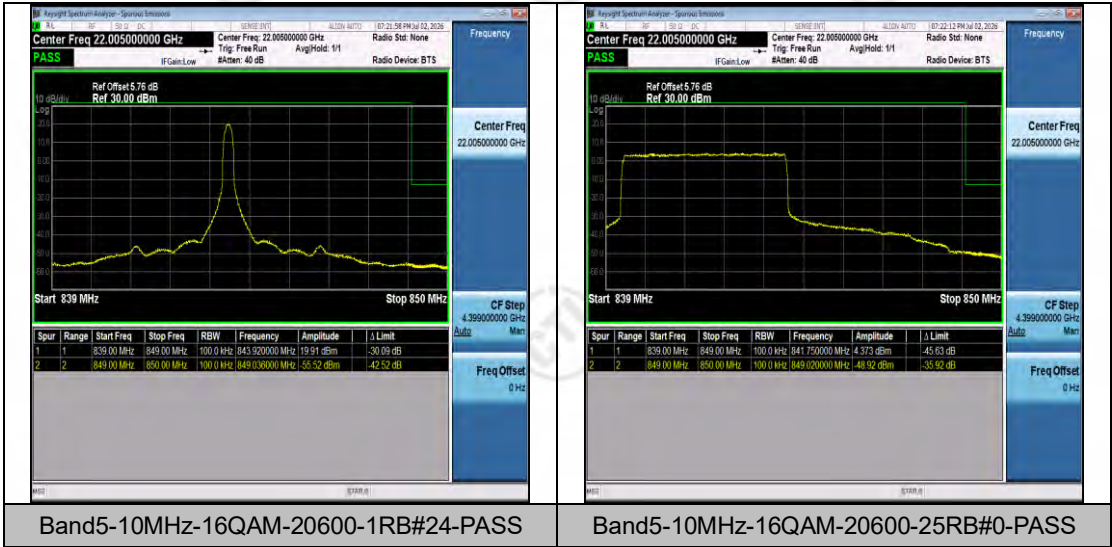












Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-41.84	-33.0	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-46.82	-23.0	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-38.32	-13.0	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-36.25	-13.0	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-35.05	-13.0	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	0.009~0.15	-41.84	-33.0	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	0.15~30	-48.45	-23.0	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	30~1000	-41.50	-13.0	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	1000~3000	-39.41	-13.0	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	3000~10000	-34.91	-13.0	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.009~0.15	-50.86	-33.0	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.15~30	-47.20	-23.0	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	30~1000	-34.84	-13.0	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1000~3000	-45.85	-13.0	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	3000~10000	-34.75	-13.0	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-42.65	-33.0	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-43.98	-23.0	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-38.74	-13.0	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-35.54	-13.0	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-35.40	-13.0	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	0.009~0.15	-43.12	-33.0	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	0.15~30	-46.16	-23.0	PASS

Band5	1.4MHz	16QAM	20407	1RB#5	30~1000	-41.82	-13.0	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	1000~3000	-46.23	-13.0	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	3000~10000	-35.23	-13.0	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.009~0.15	-50.57	-33.0	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.15~30	-48.33	-23.0	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	30~1000	-32.30	-13.0	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1000~3000	-46.29	-13.0	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	3000~10000	-35.34	-13.0	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-43.63	-33.0	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-45.93	-23.0	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-60.92	-13.0	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-38.94	-13.0	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-35.16	-13.0	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	0.009~0.15	-45.09	-33.0	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	0.15~30	-48.23	-23.0	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	30~1000	-60.96	-13.0	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	1000~3000	-45.14	-13.0	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	3000~10000	-35.16	-13.0	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.009~0.15	-49.97	-33.0	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.15~30	-46.48	-23.0	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	30~1000	-60.91	-13.0	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1000~3000	-45.80	-13.0	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3000~10000	-35.43	-13.0	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-44.97	-33.0	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-45.44	-23.0	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-61.68	-13.0	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-45.60	-13.0	PASS

Band5	1.4MHz	16QAM	20525	1RB#0	3000~10 000	-35.43	-13.0	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	0.009~0. 15	-45.33	-33.0	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	0.15~30	-51.37	-23.0	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	30~1000	-61.44	-13.0	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	1000~30 00	-46.08	-13.0	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	3000~10 000	-34.70	-13.0	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.009~0. 15	-51.30	-33.0	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.15~30	-45.47	-23.0	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	30~1000	-61.22	-13.0	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1000~30 00	-46.13	-13.0	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	3000~10 000	-35.33	-13.0	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0. 15	-42.61	-33.0	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-48.92	-23.0	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-41.02	-13.0	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~30 00	-46.02	-13.0	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10 000	-35.37	-13.0	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	0.009~0. 15	-44.69	-33.0	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	0.15~30	-47.87	-23.0	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	30~1000	-42.13	-13.0	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	1000~30 00	-45.99	-13.0	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	3000~10 000	-35.13	-13.0	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.009~0. 15	-51.55	-33.0	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.15~30	-45.37	-23.0	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	30~1000	-35.87	-13.0	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1000~30 00	-45.98	-13.0	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3000~10 000	-35.32	-13.0	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.	-40.94	-33.0	PASS

					15			
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-46.77	-23.0	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-46.29	-13.0	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-45.89	-13.0	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-35.09	-13.0	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	0.009~0.15	-42.97	-33.0	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	0.15~30	-43.85	-23.0	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	30~1000	-41.50	-13.0	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	1000~3000	-45.89	-13.0	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	3000~10000	-35.18	-13.0	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.009~0.15	-50.14	-33.0	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.15~30	-44.04	-23.0	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	30~1000	-35.56	-13.0	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1000~3000	-46.20	-13.0	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3000~10000	-35.14	-13.0	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-44.94	-33.0	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-49.53	-23.0	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-37.17	-13.0	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-46.15	-13.0	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-34.98	-13.0	PASS
Band5	3MHz	QPSK	20415	1RB#14	0.009~0.15	-45.57	-33.0	PASS
Band5	3MHz	QPSK	20415	1RB#14	0.15~30	-44.98	-23.0	PASS
Band5	3MHz	QPSK	20415	1RB#14	30~1000	-43.76	-13.0	PASS
Band5	3MHz	QPSK	20415	1RB#14	1000~3000	-46.12	-13.0	PASS
Band5	3MHz	QPSK	20415	1RB#14	3000~10000	-35.40	-13.0	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.009~0.15	-50.90	-33.0	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.15~30	-46.52	-23.0	PASS

Band5	3MHz	QPSK	20415	15RB#0	30~1000	-36.63	-13.0	PASS
Band5	3MHz	QPSK	20415	15RB#0	1000~3000	-45.96	-13.0	PASS
Band5	3MHz	QPSK	20415	15RB#0	3000~10000	-34.89	-13.0	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-44.39	-33.0	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-49.41	-23.0	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-36.75	-13.0	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-46.39	-13.0	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-35.26	-13.0	PASS
Band5	3MHz	16QAM	20415	1RB#14	0.009~0.15	-44.95	-33.0	PASS
Band5	3MHz	16QAM	20415	1RB#14	0.15~30	-45.40	-23.0	PASS
Band5	3MHz	16QAM	20415	1RB#14	30~1000	-36.77	-13.0	PASS
Band5	3MHz	16QAM	20415	1RB#14	1000~3000	-46.28	-13.0	PASS
Band5	3MHz	16QAM	20415	1RB#14	3000~10000	-35.03	-13.0	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.009~0.15	-51.60	-33.0	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.15~30	-50.24	-23.0	PASS
Band5	3MHz	16QAM	20415	15RB#0	30~1000	-27.57	-13.0	PASS
Band5	3MHz	16QAM	20415	15RB#0	1000~3000	-46.02	-13.0	PASS
Band5	3MHz	16QAM	20415	15RB#0	3000~10000	-34.97	-13.0	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-45.79	-33.0	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-45.92	-23.0	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-61.47	-13.0	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-46.04	-13.0	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-34.73	-13.0	PASS
Band5	3MHz	QPSK	20525	1RB#14	0.009~0.15	-44.15	-33.0	PASS
Band5	3MHz	QPSK	20525	1RB#14	0.15~30	-46.88	-23.0	PASS
Band5	3MHz	QPSK	20525	1RB#14	30~1000	-61.05	-13.0	PASS
Band5	3MHz	QPSK	20525	1RB#14	1000~3000	-45.74	-13.0	PASS