

Appendix-C LTE Band 41

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	22.98	24.11	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	23.06	24.19	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	22.77	23.9	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	21.95	23.08	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	22.6	23.73	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	23	24.13	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	22.62	23.75	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	21.69	22.82	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	23.53	24.66	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	23.92	25.05	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	23.41	24.54	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	22.63	23.76	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	22.36	23.49	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	22.17	23.3	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	22.03	23.16	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	20.97	22.1	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	22.31	23.44	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	21.87	23	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	22.36	23.49	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	20.48	21.61	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	23.13	24.26	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	23.35	24.48	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	22.61	23.74	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	21.8	22.93	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#0	20.33	21.46	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	20.89	22.02	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	20.33	21.46	33.00	PASS
Band41	5MHz	64QAM	39675	25RB#0	19.89	21.02	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	20.1	21.23	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	20.64	21.77	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#24	20.18	21.31	33.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	19.66	20.79	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#0	21.18	22.31	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	21.77	22.9	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	21.28	22.41	33.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	20.77	21.9	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	22.84	23.97	33.00	PASS

Band41	10MHz	QPSK	39700	1RB#24	23.48	24.61	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	22.83	23.96	33.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	21.87	23	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	22.63	23.76	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	23.24	24.37	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	22.54	23.67	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	21.62	22.75	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	23.87	25	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	24.12	25.25	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	23.82	24.95	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	22.7	23.83	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	21.95	23.08	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	23.13	24.26	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	21.95	23.08	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	20.83	21.96	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#0	22.16	23.29	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#24	22.49	23.62	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	22.1	23.23	33.00	PASS
Band41	10MHz	16QAM	40620	50RB#0	20.6	21.73	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	23.35	24.48	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	22.49	23.62	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	22.92	24.05	33.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	21.76	22.89	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	20.43	21.56	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#24	20.67	21.8	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	20.43	21.56	33.00	PASS
Band41	10MHz	64QAM	39700	50RB#0	19.82	20.95	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#0	20.43	21.56	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#24	20.51	21.64	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	20.29	21.42	33.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	19.67	20.8	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	21.34	22.47	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	21.62	22.75	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	21.39	22.52	33.00	PASS
Band41	10MHz	64QAM	41540	50RB#0	20.86	21.99	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	22.73	23.86	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	23	24.13	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#74	22.73	23.86	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	21.77	22.9	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	22.68	23.81	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	22.7	23.83	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	22.68	23.81	33.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	21.62	22.75	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	23.81	24.94	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	23.89	25.02	33.00	PASS

Band41	15MHz	QPSK	41515	1RB#74	23.78	24.91	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	23.02	24.15	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	21.78	22.91	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	22.6	23.73	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	22.11	23.24	33.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	20.86	21.99	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	21.66	22.79	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	22.29	23.42	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	21.72	22.85	33.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	20.81	21.94	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	22.93	24.06	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	22.19	23.32	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#74	23.55	24.68	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	21.9	23.03	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	20.34	21.47	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	20.22	21.35	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	20.31	21.44	33.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	19.67	20.8	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	20.32	21.45	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	20.27	21.4	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	20.35	21.48	33.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	19.75	20.88	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#0	21.18	22.31	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#38	21.17	22.3	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	21.22	22.35	33.00	PASS
Band41	15MHz	64QAM	41515	75RB#0	20.77	21.9	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	22.79	23.92	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	22.98	24.11	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#99	22.66	23.79	33.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	21.9	23.03	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	22.95	24.08	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	22.95	24.08	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#99	22.76	23.89	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	21.76	22.89	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	23.71	24.84	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	23.69	24.82	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	23.74	24.87	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	22.79	23.92	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	22.37	23.5	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	21.91	23.04	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	22.47	23.6	33.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	21.2	22.33	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	21.99	23.12	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	22.15	23.28	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	21.77	22.9	33.00	PASS

Band41	20MHz	16QAM	40620	100RB#0	20.7	21.83	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	22.5	23.63	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	22.55	23.68	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#99	22.4	23.53	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	21.81	22.94	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	20.18	21.31	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	20.67	21.8	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#99	20.29	21.42	33.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	19.73	20.86	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	20.26	21.39	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	20.43	21.56	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	20.19	21.32	33.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	19.75	20.88	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#0	21.16	22.29	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	21.53	22.66	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#99	21.18	22.31	33.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	20.62	21.75	33.00	PASS

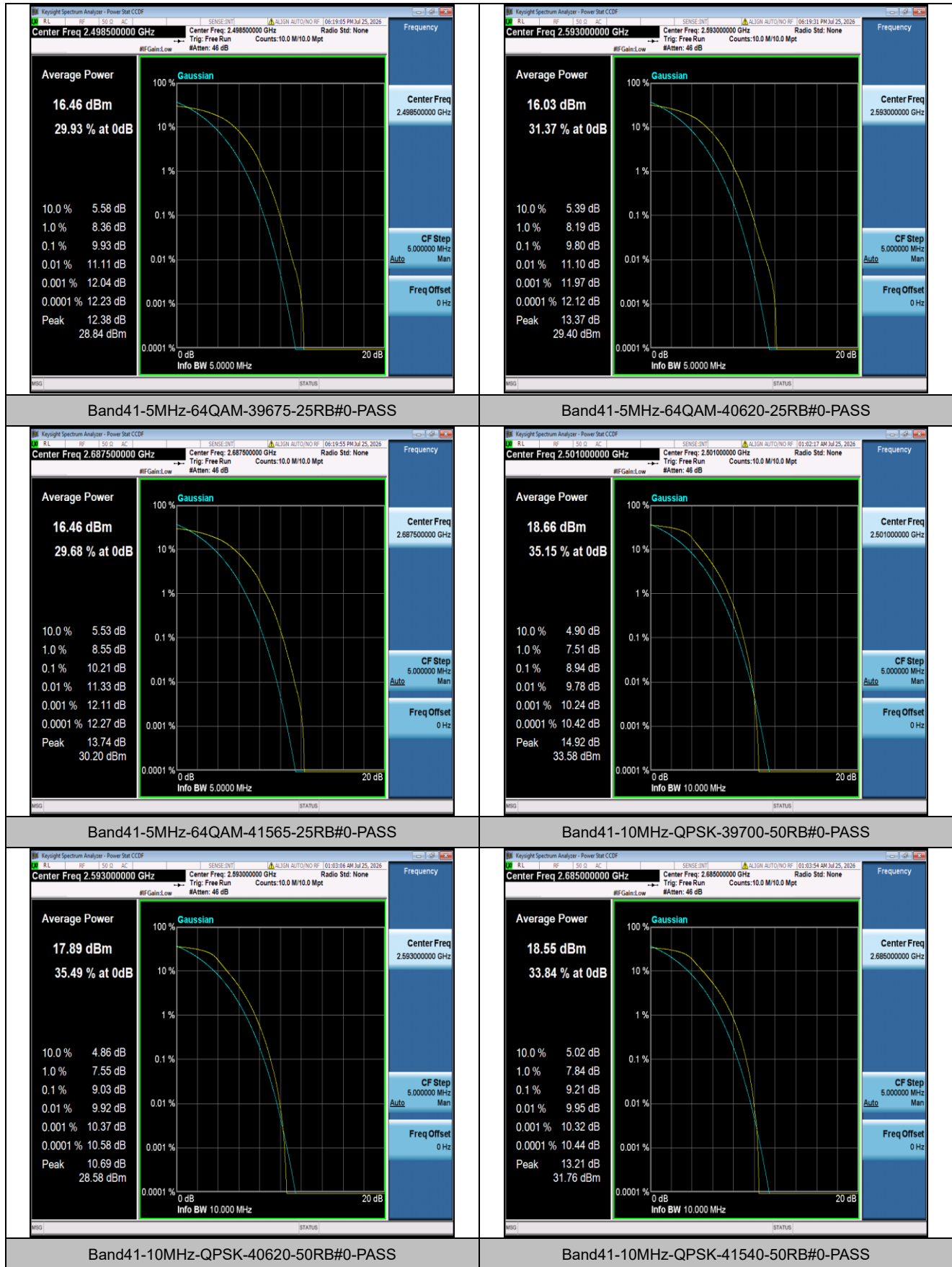
Peak-to-Average Ratio(CCDF)

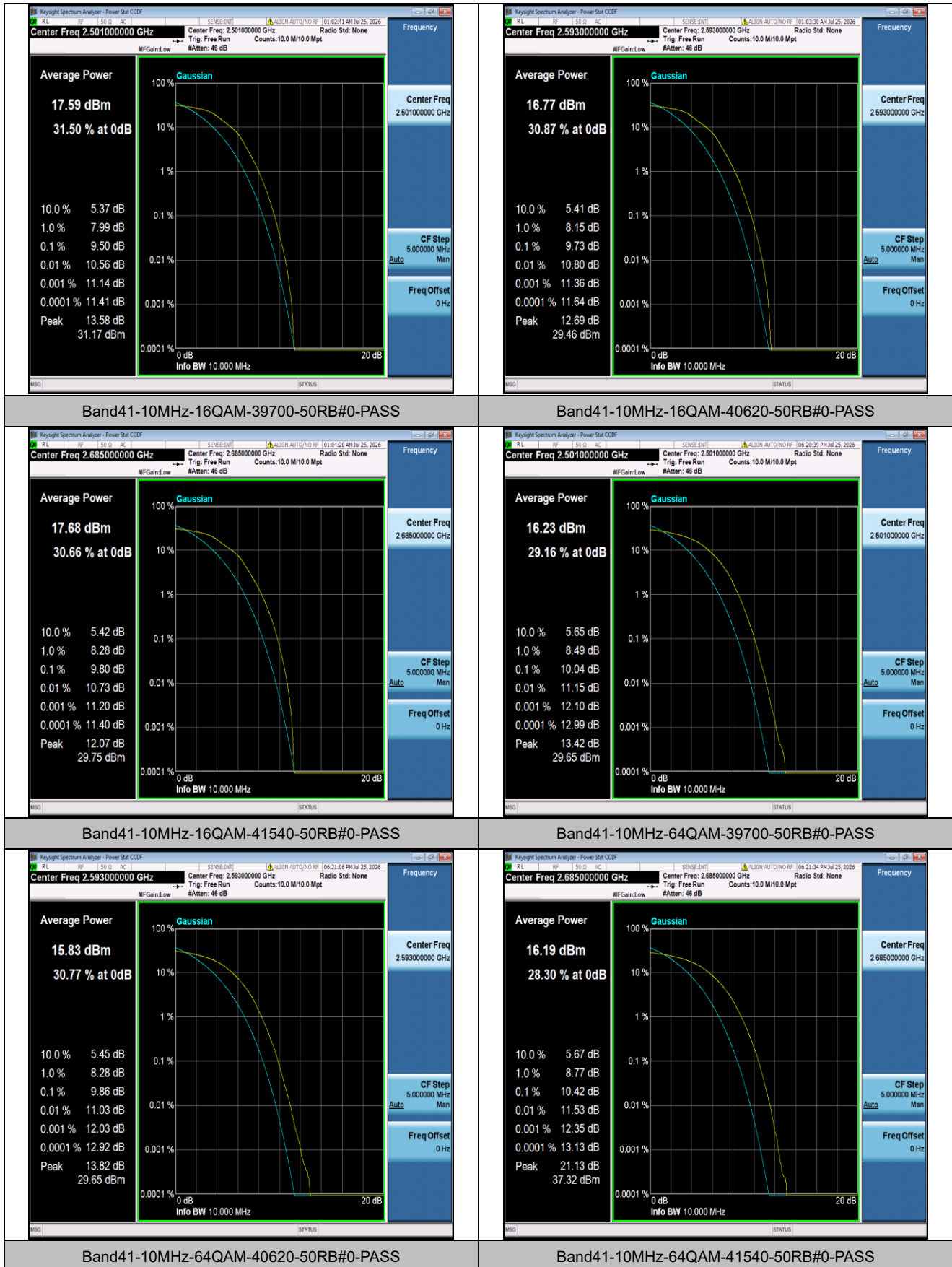
Test Result

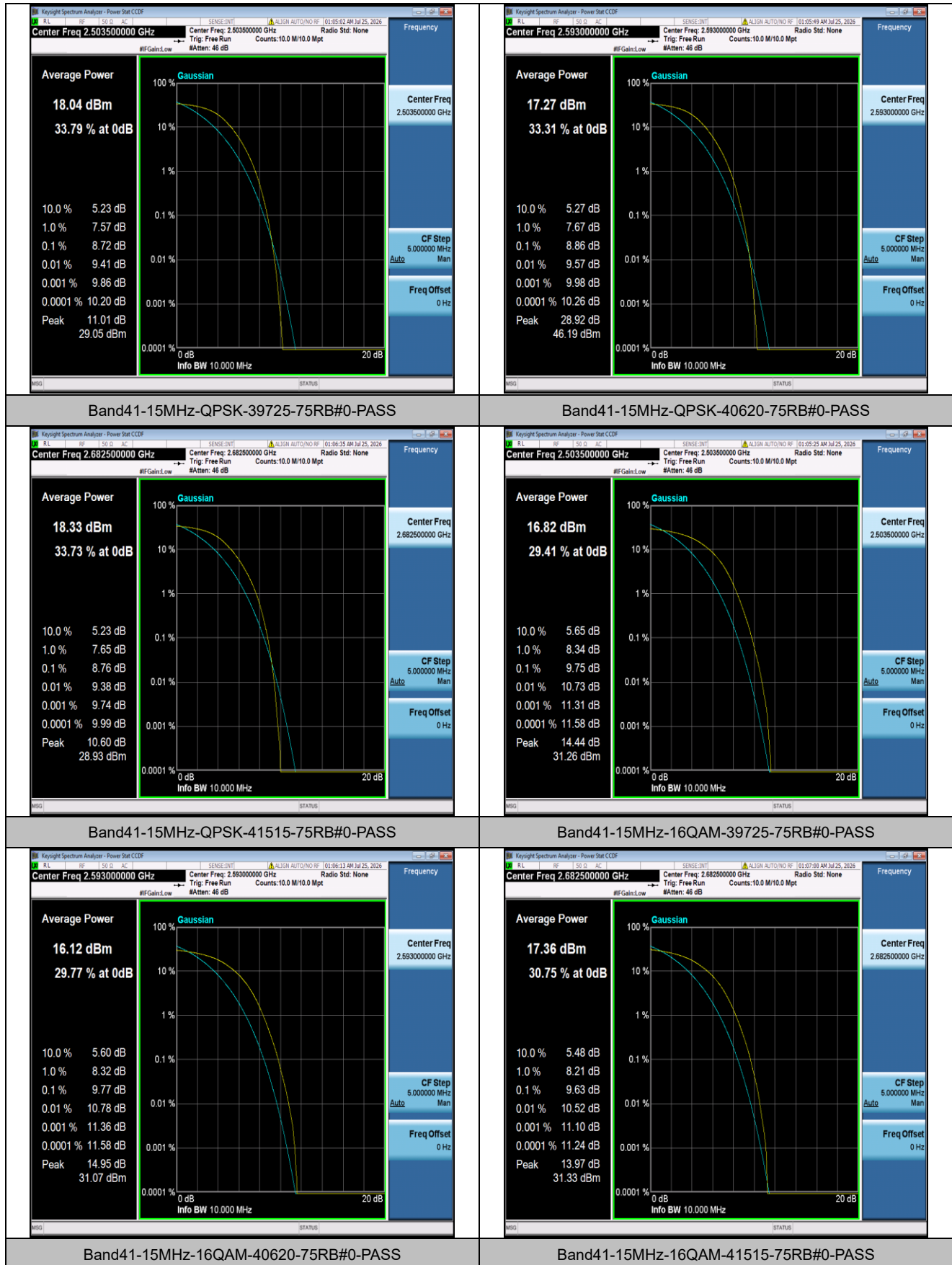
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	9.10	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	9.21	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	9.39	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	9.53	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	9.71	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	9.96	13	PASS
Band41	5MHz	64QAM	39675	25RB#0	9.93	13	PASS
Band41	5MHz	64QAM	40620	25RB#0	9.80	13	PASS
Band41	5MHz	64QAM	41565	25RB#0	10.21	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.94	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	9.03	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.21	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.50	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.73	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.80	13	PASS
Band41	10MHz	64QAM	39700	50RB#0	10.04	13	PASS
Band41	10MHz	64QAM	40620	50RB#0	9.86	13	PASS
Band41	10MHz	64QAM	41540	50RB#0	10.42	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	8.72	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	8.86	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	8.76	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	9.75	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	9.77	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	9.63	13	PASS
Band41	15MHz	64QAM	39725	75RB#0	9.79	13	PASS
Band41	15MHz	64QAM	40620	75RB#0	9.77	13	PASS
Band41	15MHz	64QAM	41515	75RB#0	9.84	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	9.43	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	9.44	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	8.95	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.71	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.62	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	9.91	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	9.63	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	9.89	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	9.88	13	PASS

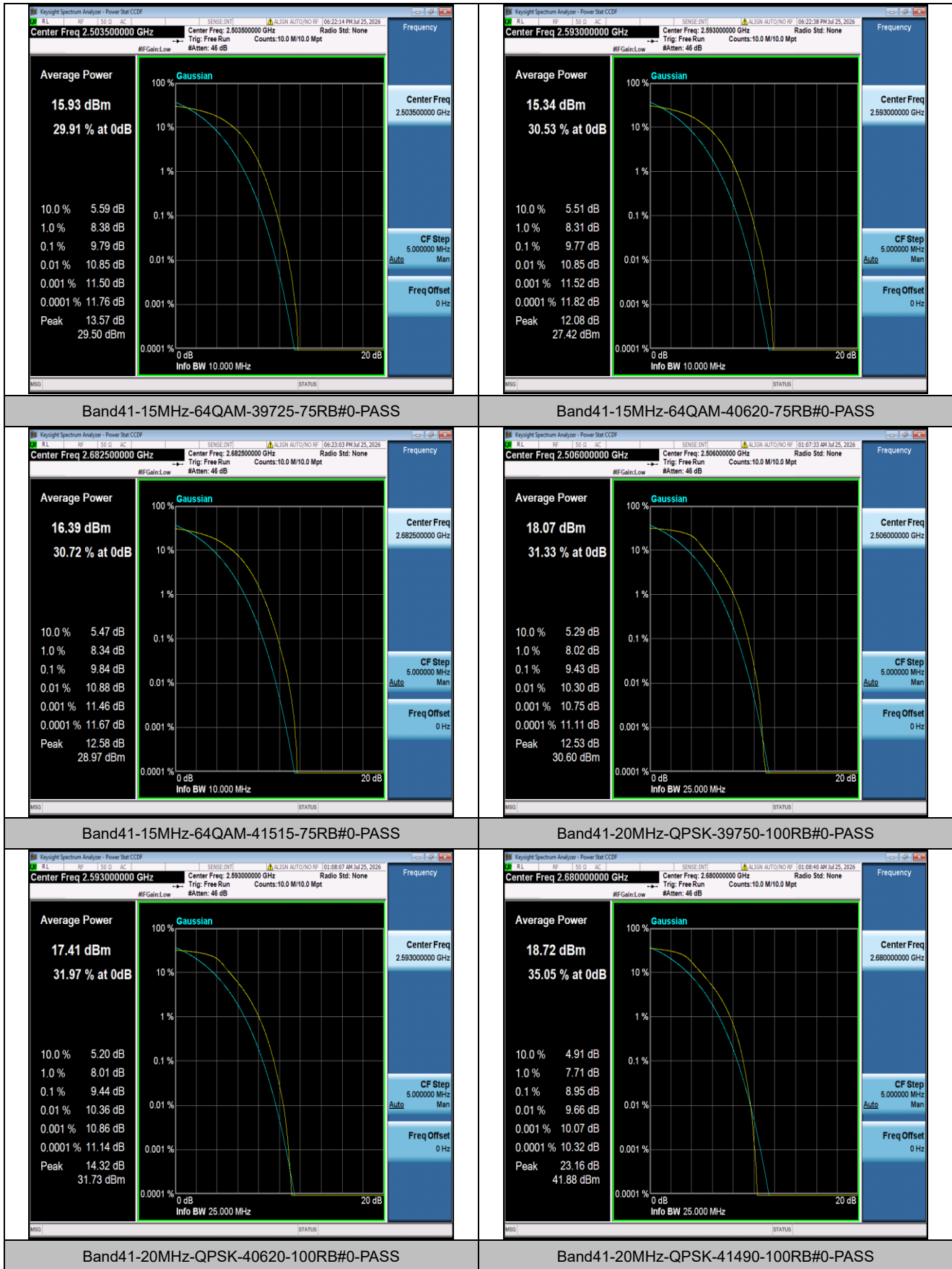
Test Graphs

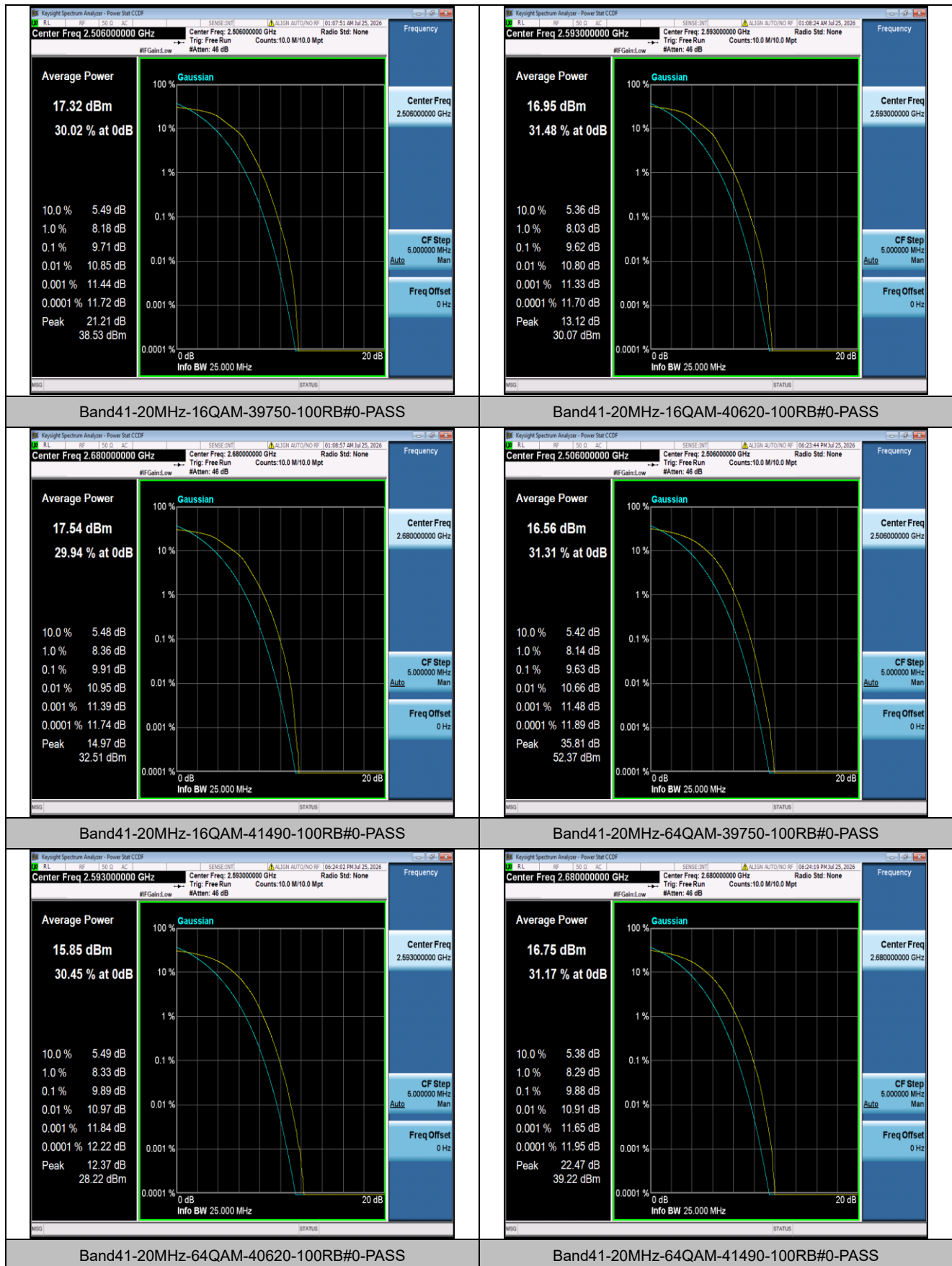












26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5007	5.315	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.4927	5.165	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4968	5.144	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.4913	5.183	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.4879	5.147	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4881	5.175	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.4947	5.360	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.4924	5.155	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.4938	5.199	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9804	10.34	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9737	9.936	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9622	9.915	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9508	10.85	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9420	10.10	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9429	10.17	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.9660	9.863	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.9711	9.879	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.9518	9.858	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.480	16.64	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.492	15.62	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.477	15.81	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.450	16.17	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.435	15.36	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.434	14.91	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.426	14.89	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.405	14.93	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.394	14.72	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.919	20.51	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.973	19.45	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.912	19.53	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.919	20.96	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.913	21.09	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.909	20.20	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.898	20.49	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.890	19.47	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.895	20.31	PASS

Test Graphs

