

Appendix-C LTE Band 4

Effective (Isotropic) Radiated Power Output Data

Test Result

Ant8:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	24.3	21.2	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	24.25	21.15	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	24.16	21.06	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	23.28	20.18	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	23.12	20.02	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	23.21	20.11	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	23.09	19.99	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	22.2	19.1	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	22.64	19.54	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	22.43	19.33	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	22.54	19.44	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	21.49	18.39	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	24.43	21.33	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	24.38	21.28	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	24.2	21.1	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	23.42	20.32	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	23.26	20.16	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	23.46	20.36	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	23.4	20.3	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	22.3	19.2	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	22.71	19.61	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	22.79	19.69	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	22.31	19.21	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	21.58	18.48	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	24.62	21.52	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	24.67	21.57	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	24.32	21.22	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	23.38	20.28	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	23.52	20.42	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	23.26	20.16	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	23.42	20.32	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	22.24	19.14	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	22.77	19.67	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	22.58	19.48	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	22.74	19.64	30.00	PASS

Band4	1.4MHz	64QAM	20393	6RB#0	21.56	18.46	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	24.36	21.26	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	24.34	21.24	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	24.33	21.23	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	23.4	20.3	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	23.23	20.13	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	23.31	20.21	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	23.23	20.13	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	22.35	19.25	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	22.68	19.58	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	22.75	19.65	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	22.51	19.41	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	21.43	18.33	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	24.57	21.47	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	24.49	21.39	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	24.42	21.32	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	23.37	20.27	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	23.45	20.35	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	23.43	20.33	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	23.51	20.41	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	22.39	19.29	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	22.58	19.48	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	22.72	19.62	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	22.27	19.17	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	21.41	18.31	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	24.52	21.42	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	24.59	21.49	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	24.47	21.37	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	23.38	20.28	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	23.24	20.14	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	23.51	20.41	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	23.3	20.2	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	22.38	19.28	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	22.52	19.42	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	22.97	19.87	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	22.51	19.41	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	21.51	18.41	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	24.59	21.49	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	24.41	21.31	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	24.55	21.45	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	23.49	20.39	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	23.43	20.33	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	23.51	20.41	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	23.5	20.4	30.00	PASS

Band4	5MHz	16QAM	19975	25RB#0	22.5	19.4	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	22.89	19.79	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	23.12	20.02	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	22.56	19.46	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	21.49	18.39	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	24.58	21.48	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	24.4	21.3	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	24.45	21.35	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	23.42	20.32	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	23.15	20.05	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	23.5	20.4	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	23.58	20.48	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	22.39	19.29	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	22.91	19.81	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	22.7	19.6	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	22.6	19.5	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	21.37	18.27	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	24.41	21.31	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	24.49	21.39	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	24.53	21.43	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	23.47	20.37	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	23.3	20.2	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	23.51	20.41	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	23.46	20.36	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.6	19.5	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	23.08	19.98	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	22.63	19.53	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	23.28	20.18	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	21.53	18.43	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	24.55	21.45	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	24.24	21.14	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	24.39	21.29	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	23.5	20.4	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	23.53	20.43	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	23.55	20.45	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	23.43	20.33	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	22.46	19.36	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	22.51	19.41	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	22.48	19.38	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	22.56	19.46	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	21.5	18.4	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	24.53	21.43	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	24.61	21.51	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	24.31	21.21	30.00	PASS

Band4	10MHz	QPSK	20175	50RB#0	23.33	20.23	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	23.45	20.35	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	23.54	20.44	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	23.62	20.52	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	22.31	19.21	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	22.87	19.77	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	22.8	19.7	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	22.47	19.37	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	21.41	18.31	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	24.48	21.38	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	24.42	21.32	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	24.57	21.47	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	23.51	20.41	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	23.29	20.19	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.55	20.45	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	23.84	20.74	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	22.53	19.43	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	22.79	19.69	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	22.81	19.71	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	22.66	19.56	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	21.56	18.46	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	24.59	21.49	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	24.36	21.26	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	24.65	21.55	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	23.44	20.34	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	23.13	20.03	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	23.64	20.54	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	23.47	20.37	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	22.45	19.35	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	22.39	19.29	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	22.58	19.48	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	22.54	19.44	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	21.5	18.4	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	24.52	21.42	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	24.64	21.54	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	24.33	21.23	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	23.31	20.21	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	23.42	20.32	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	23.5	20.4	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	23.35	20.25	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	22.4	19.3	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	22.58	19.48	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	22.54	19.44	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	22.47	19.37	30.00	PASS

Band4	15MHz	64QAM	20175	75RB#0	21.42	18.32	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	24.43	21.33	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	24.56	21.46	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	24.25	21.15	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	23.37	20.27	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	23.26	20.16	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	23.18	20.08	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	23.39	20.29	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	22.39	19.29	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	22.57	19.47	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	22.49	19.39	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	22.48	19.38	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	21.43	18.33	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	24.38	21.28	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	24.34	21.24	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	24.25	21.15	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	23.39	20.29	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	23.34	20.24	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	23.56	20.46	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	23.24	20.14	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	22.48	19.38	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	22.3	19.2	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	22.73	19.63	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	22.38	19.28	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	21.46	18.36	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	24.49	21.39	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	24.4	21.3	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	24.15	21.05	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	23.33	20.23	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.15	20.05	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.51	20.41	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	23.26	20.16	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	22.42	19.32	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	22.54	19.44	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	22.61	19.51	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	22.25	19.15	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	21.35	18.25	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	24.44	21.34	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	24.31	21.21	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	24.28	21.18	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	23.32	20.22	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	23.15	20.05	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	23.38	20.28	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	23.73	20.63	30.00	PASS

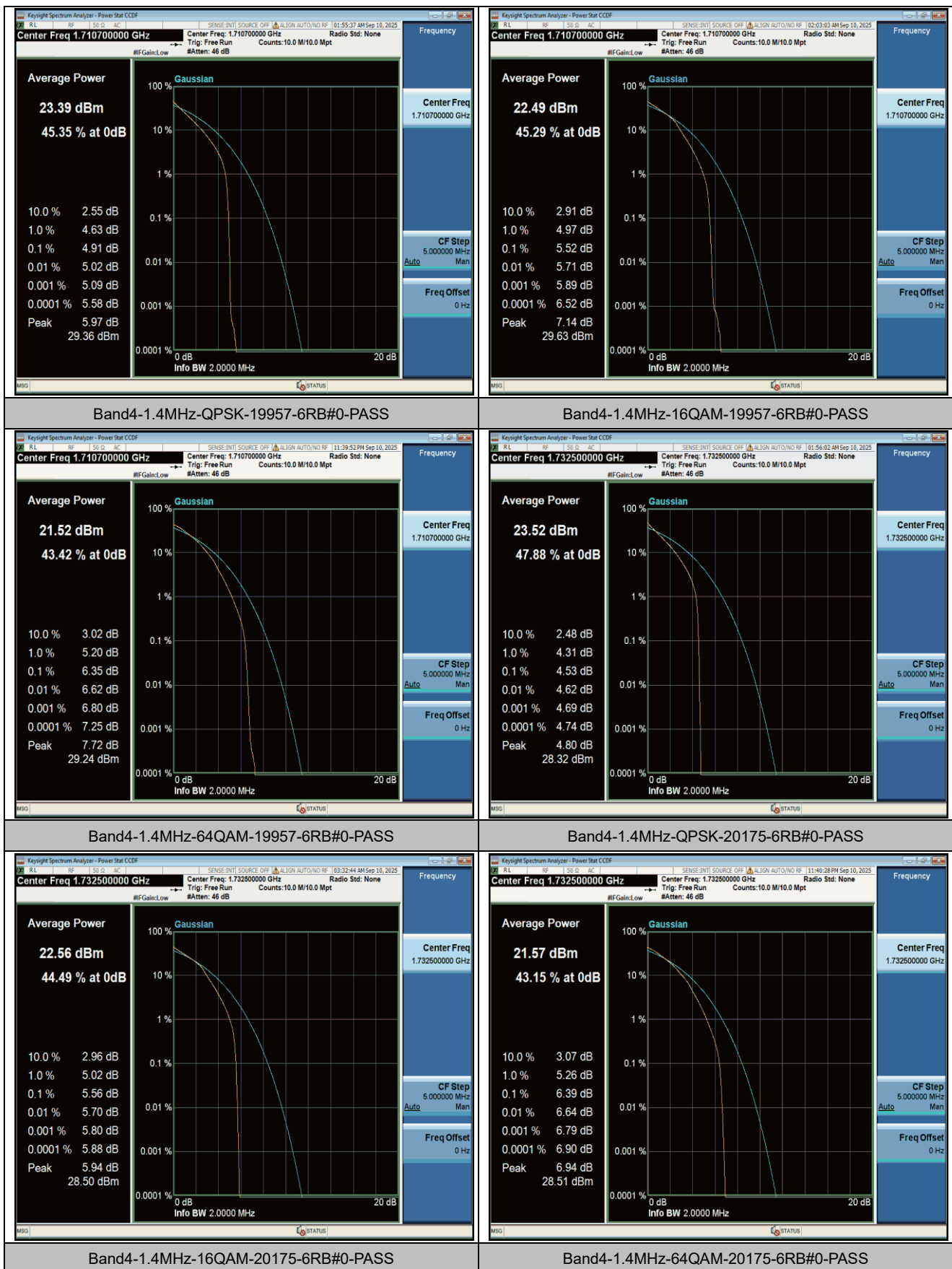
Band4	20MHz	16QAM	20300	100RB#0	22.41	19.31	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	22.51	19.41	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	22.65	19.55	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	22.69	19.59	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	21.38	18.28	30.00	PASS

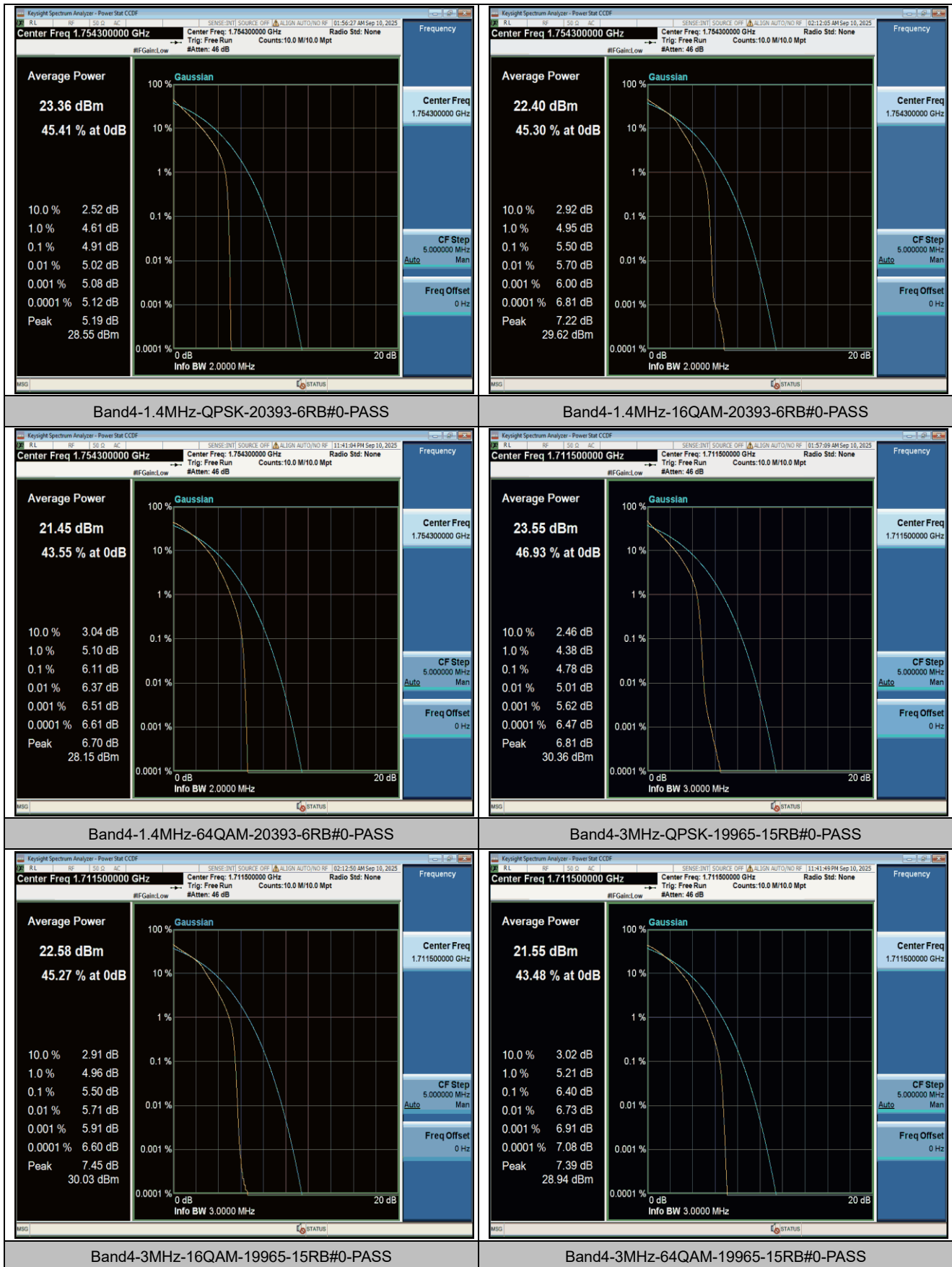
Peak-to-Average Ratio(CCDF)**Test Result**

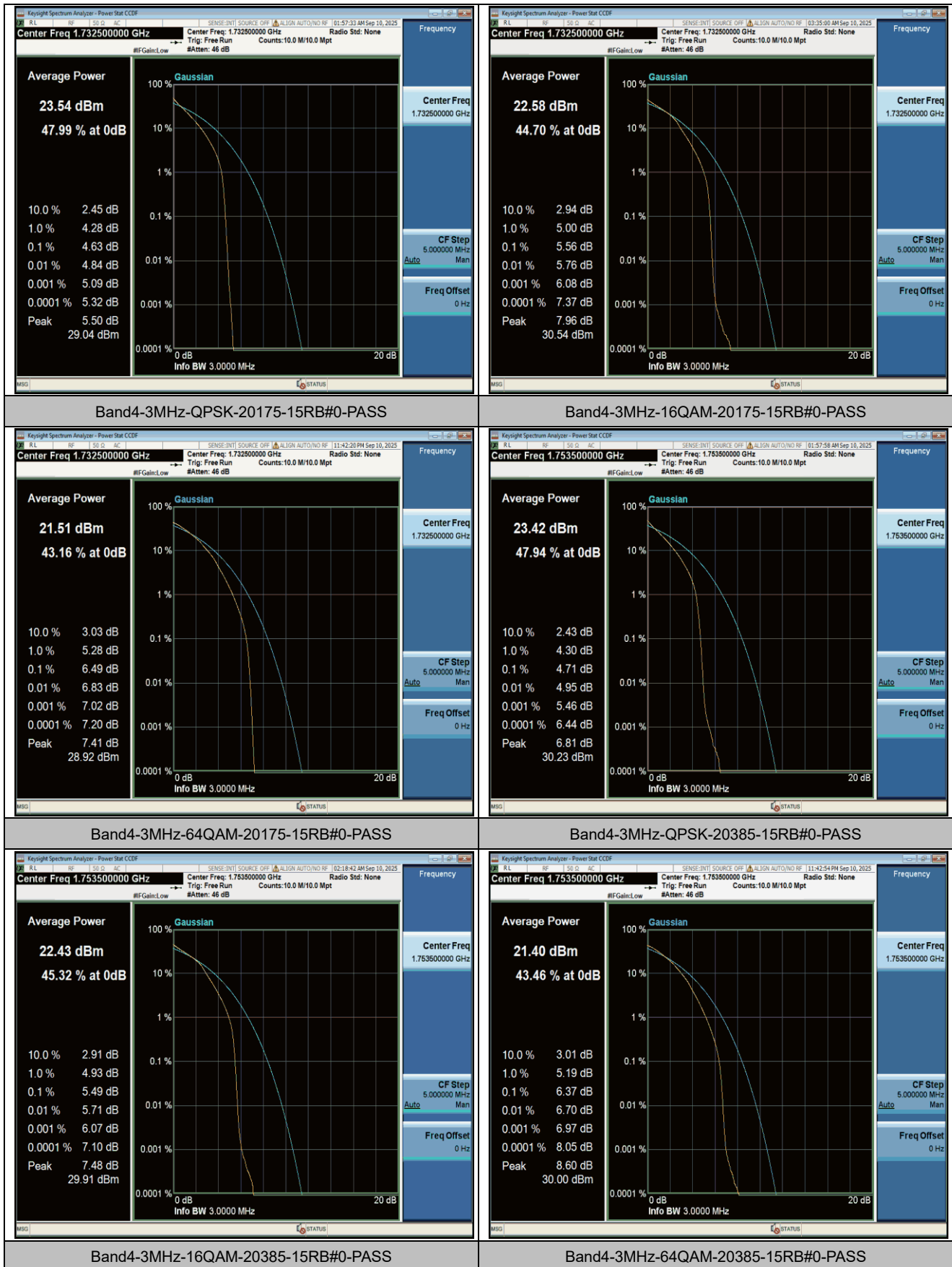
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	4.91	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.52	13	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	6.35	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.53	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.56	13	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	6.39	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.91	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.50	13	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	6.11	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.78	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.50	13	PASS
Band4	3MHz	64QAM	19965	15RB#0	6.40	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.63	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.56	13	PASS
Band4	3MHz	64QAM	20175	15RB#0	6.49	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.71	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.49	13	PASS
Band4	3MHz	64QAM	20385	15RB#0	6.37	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.70	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.66	13	PASS
Band4	5MHz	64QAM	19975	25RB#0	6.50	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.70	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.69	13	PASS
Band4	5MHz	64QAM	20175	25RB#0	6.56	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.64	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.64	13	PASS
Band4	5MHz	64QAM	20375	25RB#0	6.44	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.72	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.75	13	PASS
Band4	10MHz	64QAM	20000	50RB#0	6.50	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.75	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.67	13	PASS
Band4	10MHz	64QAM	20175	50RB#0	6.56	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.68	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.72	13	PASS
Band4	10MHz	64QAM	20350	50RB#0	6.31	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	4.70	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.80	13	PASS
Band4	15MHz	64QAM	20025	75RB#0	6.44	13	PASS

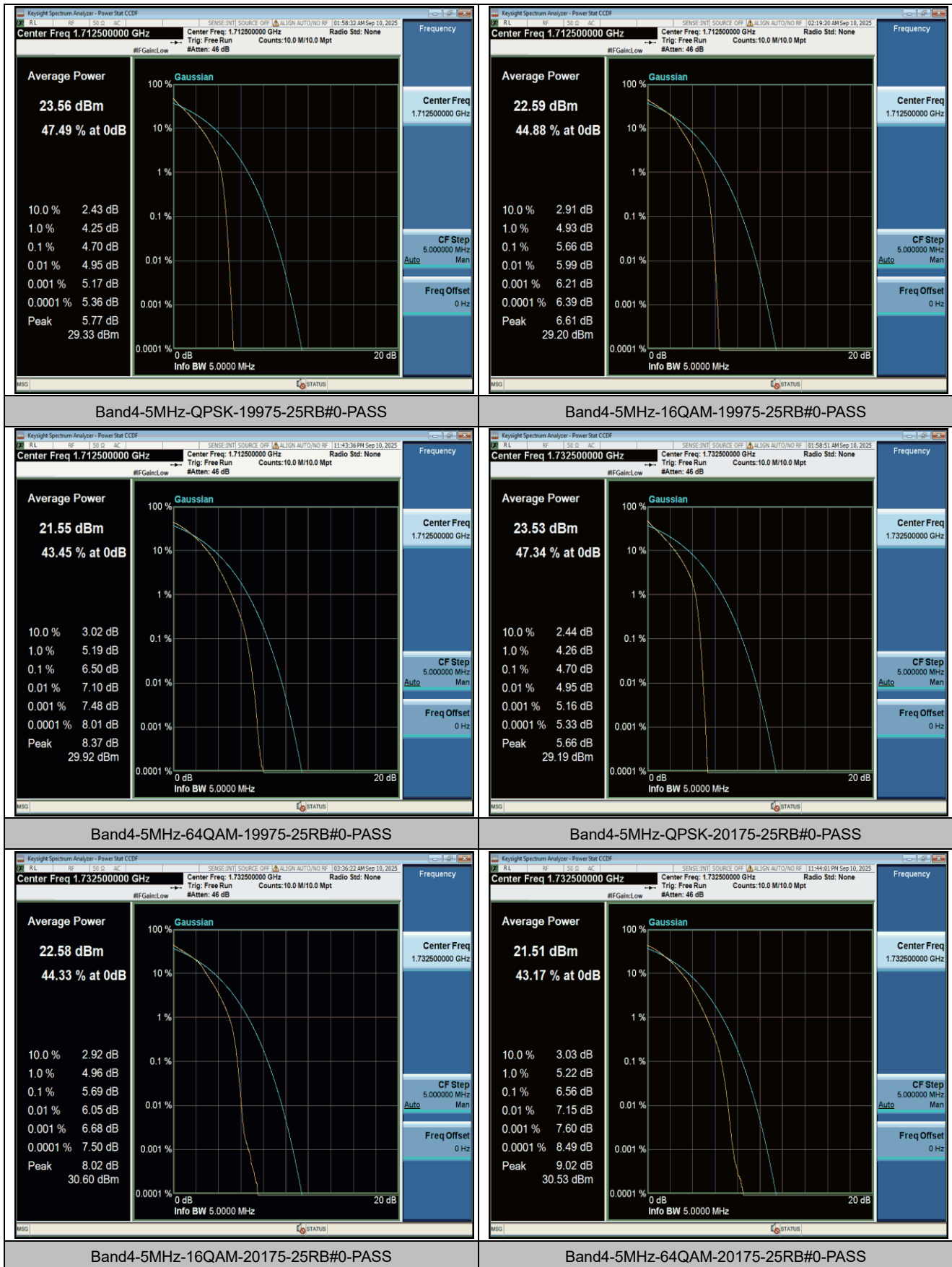
Band4	15MHz	QPSK	20175	75RB#0	4.66	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.63	13	PASS
Band4	15MHz	64QAM	20175	75RB#0	6.54	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.59	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.61	13	PASS
Band4	15MHz	64QAM	20325	75RB#0	6.39	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	4.87	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.74	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.47	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.59	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.68	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.54	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.56	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.15	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.35	13	PASS

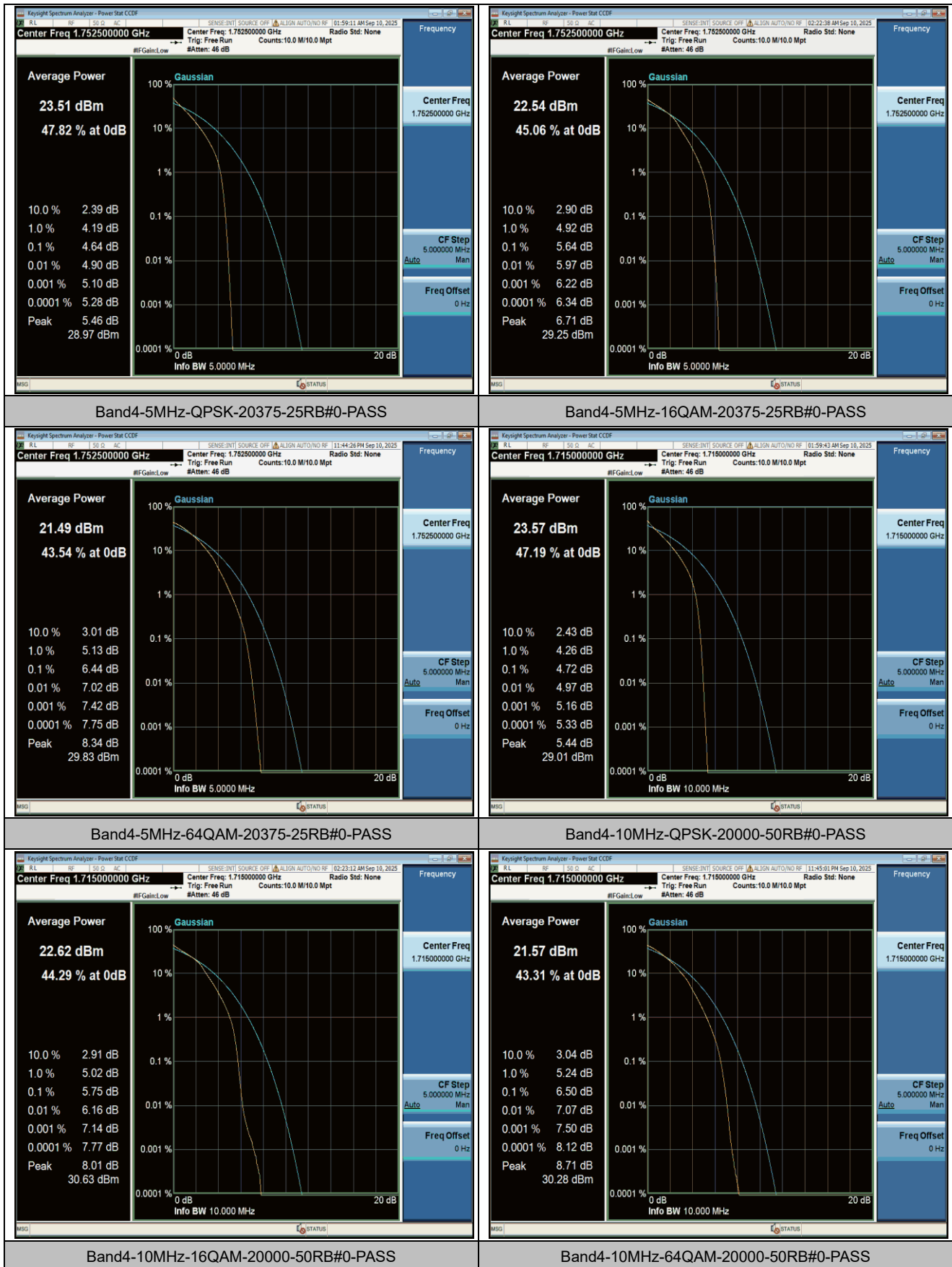
Test Graphs

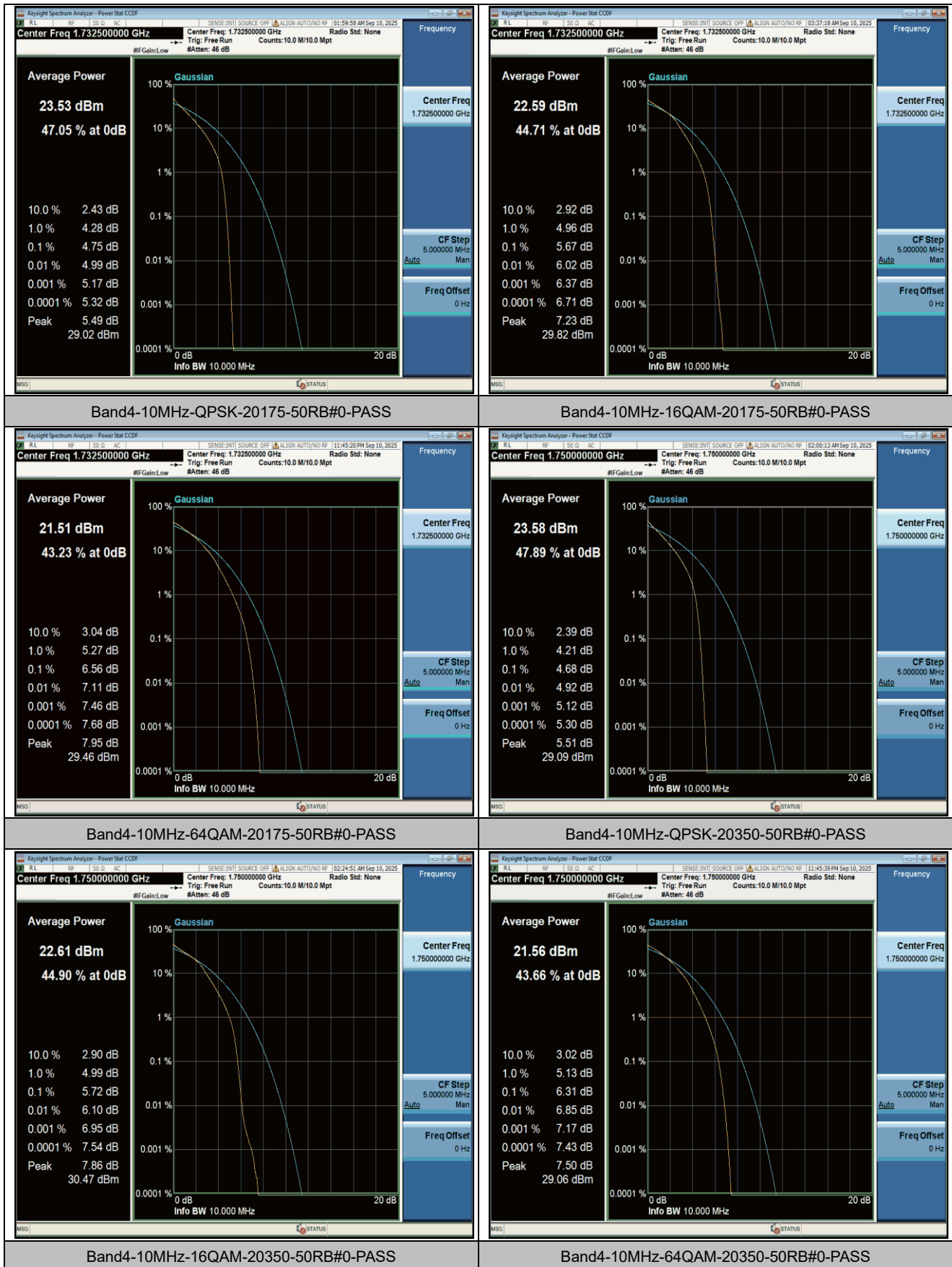


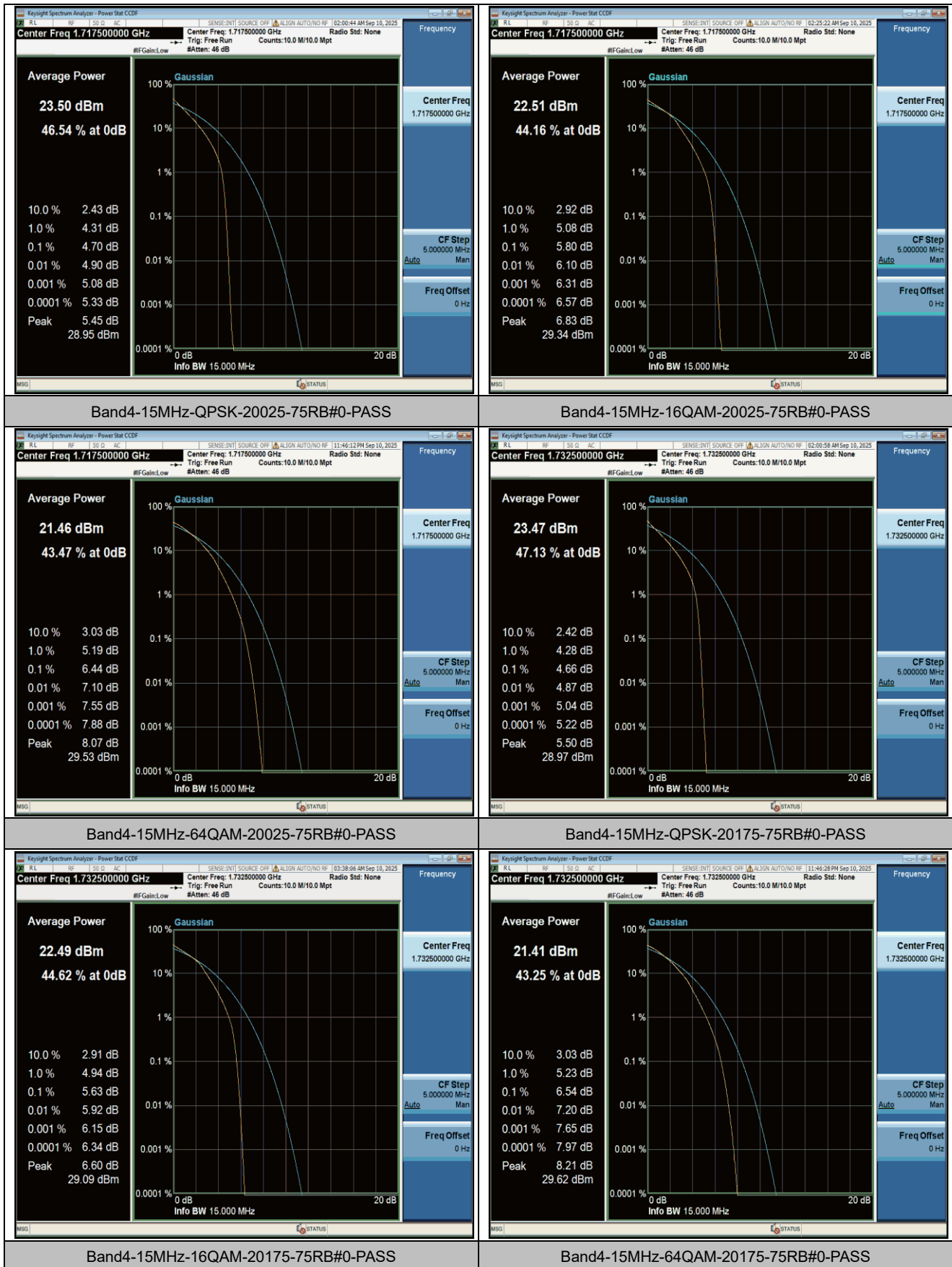


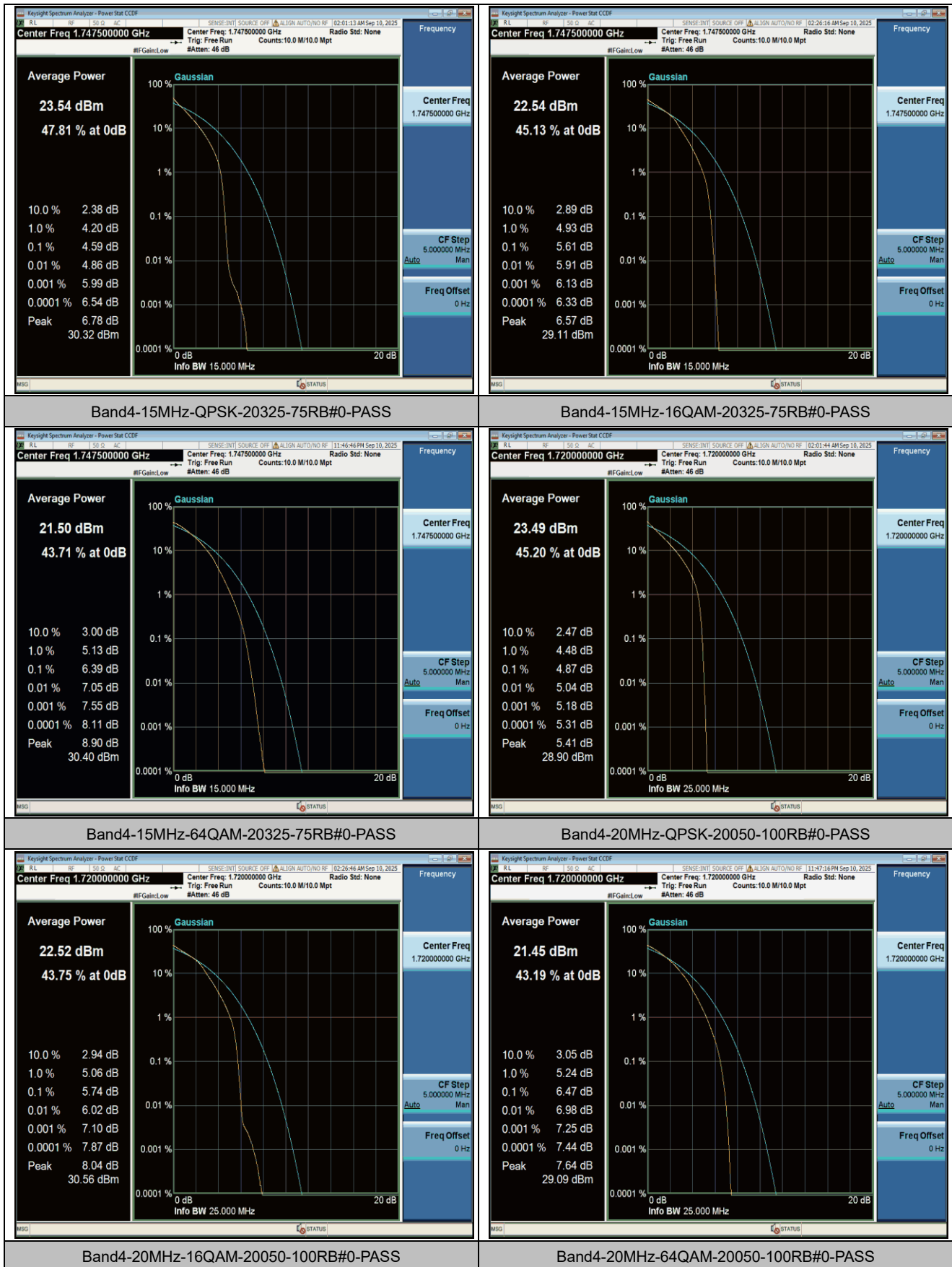


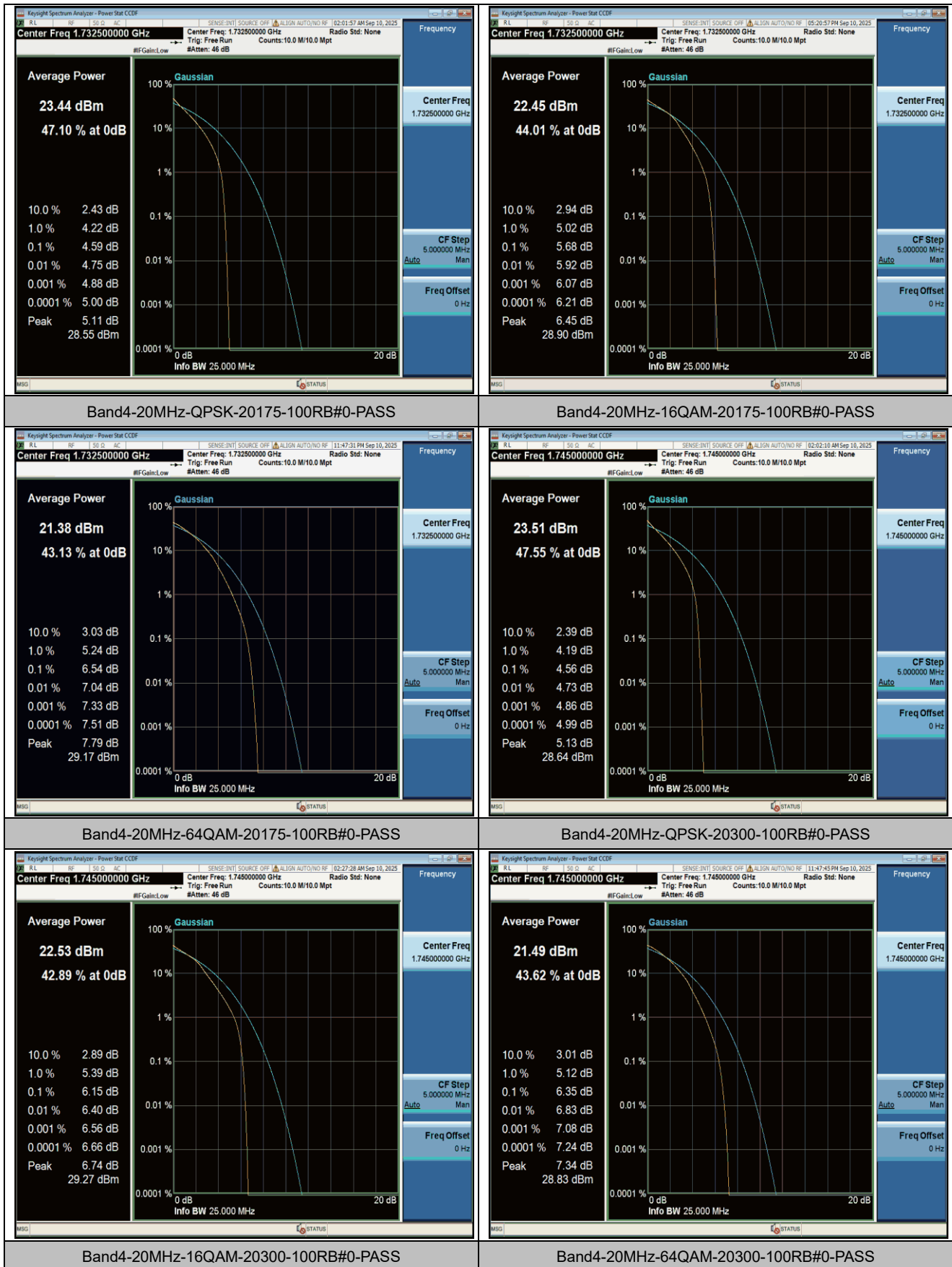












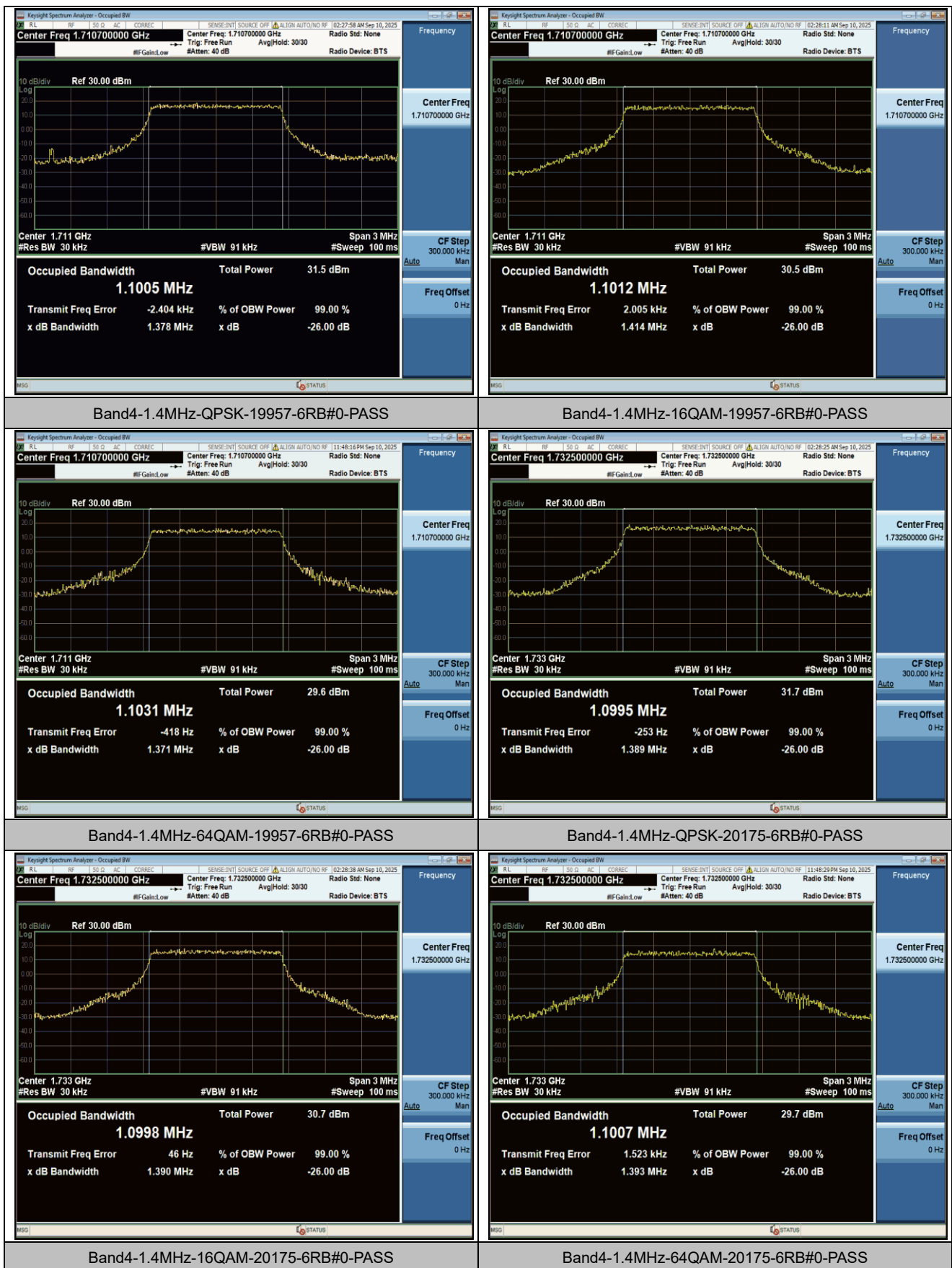
26dB Bandwidth and Occupied Bandwidth

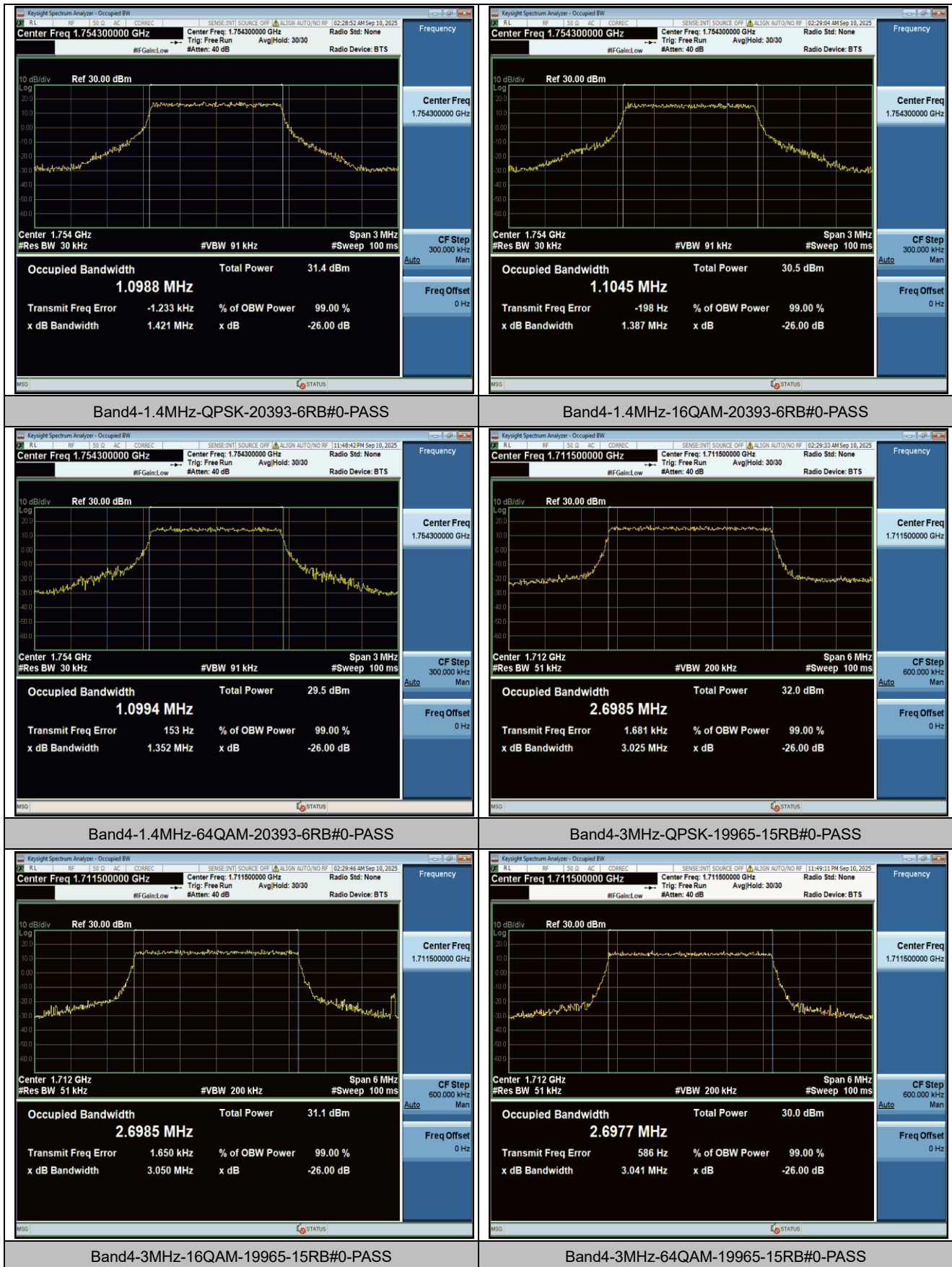
Test Result

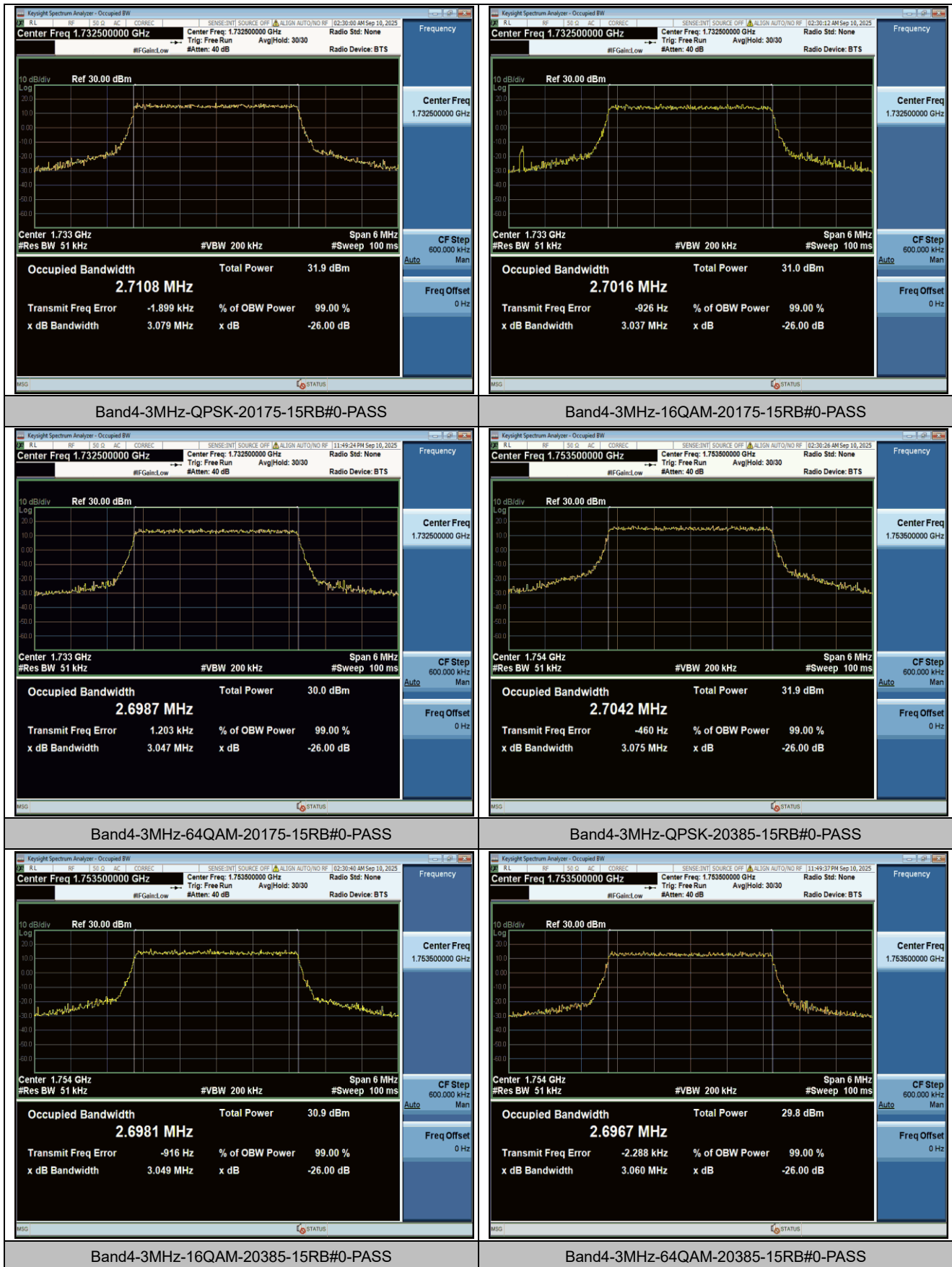
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.1005	1.378	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1012	1.414	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.1031	1.371	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0995	1.389	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0998	1.390	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.1007	1.393	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0988	1.421	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1045	1.387	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.0994	1.352	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6985	3.025	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6985	3.050	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.6977	3.041	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7108	3.079	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7016	3.037	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.6987	3.047	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7042	3.075	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6981	3.049	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.6967	3.060	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5063	5.188	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5093	5.168	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.5059	5.185	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5089	5.167	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5088	5.188	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.5030	5.128	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5119	5.858	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5105	5.122	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.5055	5.128	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9953	10.06	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0094	10.05	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.9975	10.04	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9970	10.10	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0150	10.85	PASS
Band4	10MHz	64QAM	20175	50RB#0	8.9842	10.05	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0073	10.12	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0051	10.04	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.9792	10.11	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.469	14.93	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.478	14.91	PASS

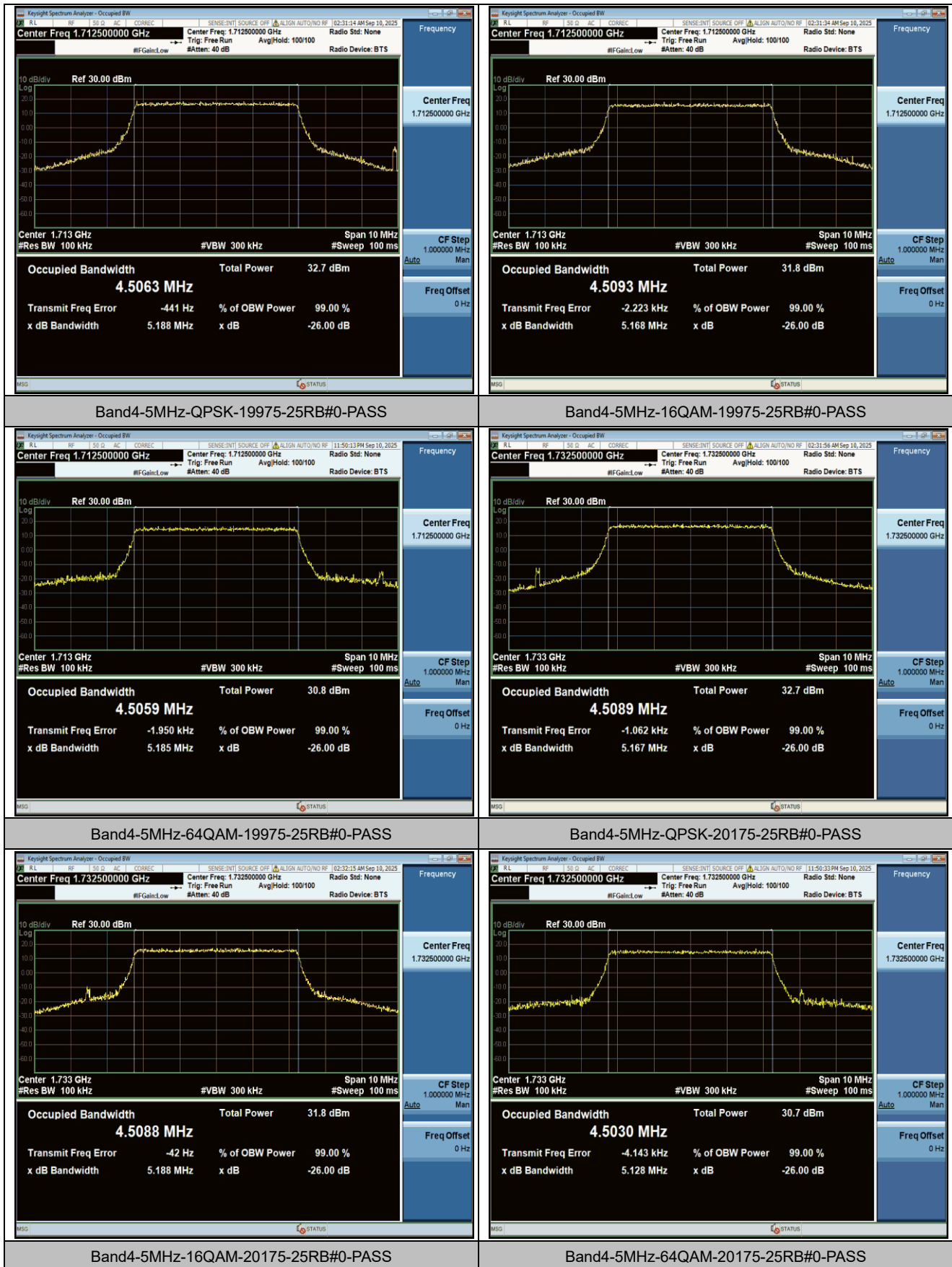
Band4	15MHz	64QAM	20025	75RB#0	13.513	15.07	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.493	14.97	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.472	14.66	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.499	15.03	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.492	15.01	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.477	15.12	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.515	14.90	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.021	19.82	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.022	19.97	PASS
Band4	20MHz	64QAM	20050	100RB#0	18.018	19.92	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.955	19.85	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.029	21.93	PASS
Band4	20MHz	64QAM	20175	100RB#0	18.000	19.69	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.954	19.86	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.993	19.75	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.965	19.72	PASS

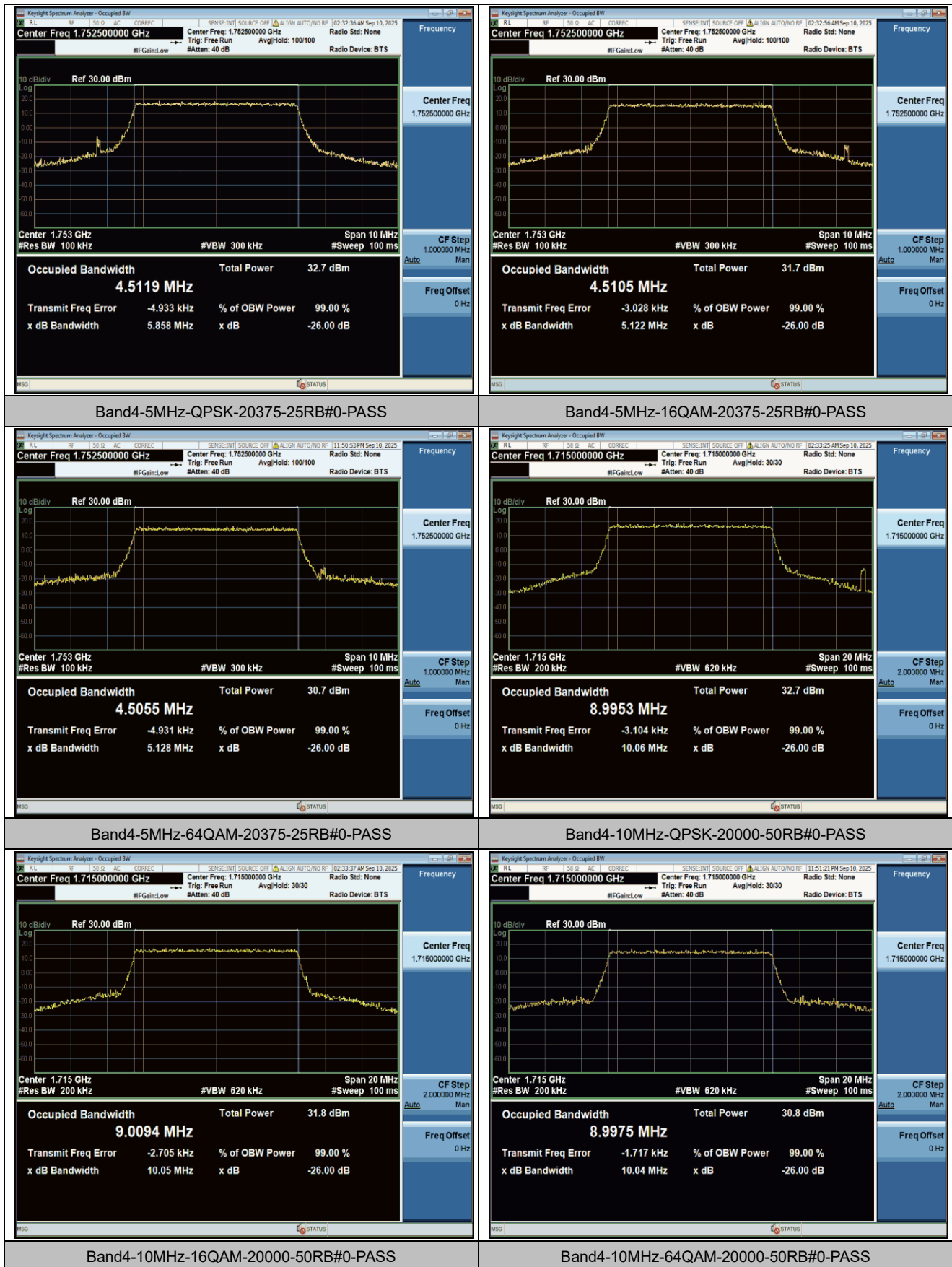
Test Graphs

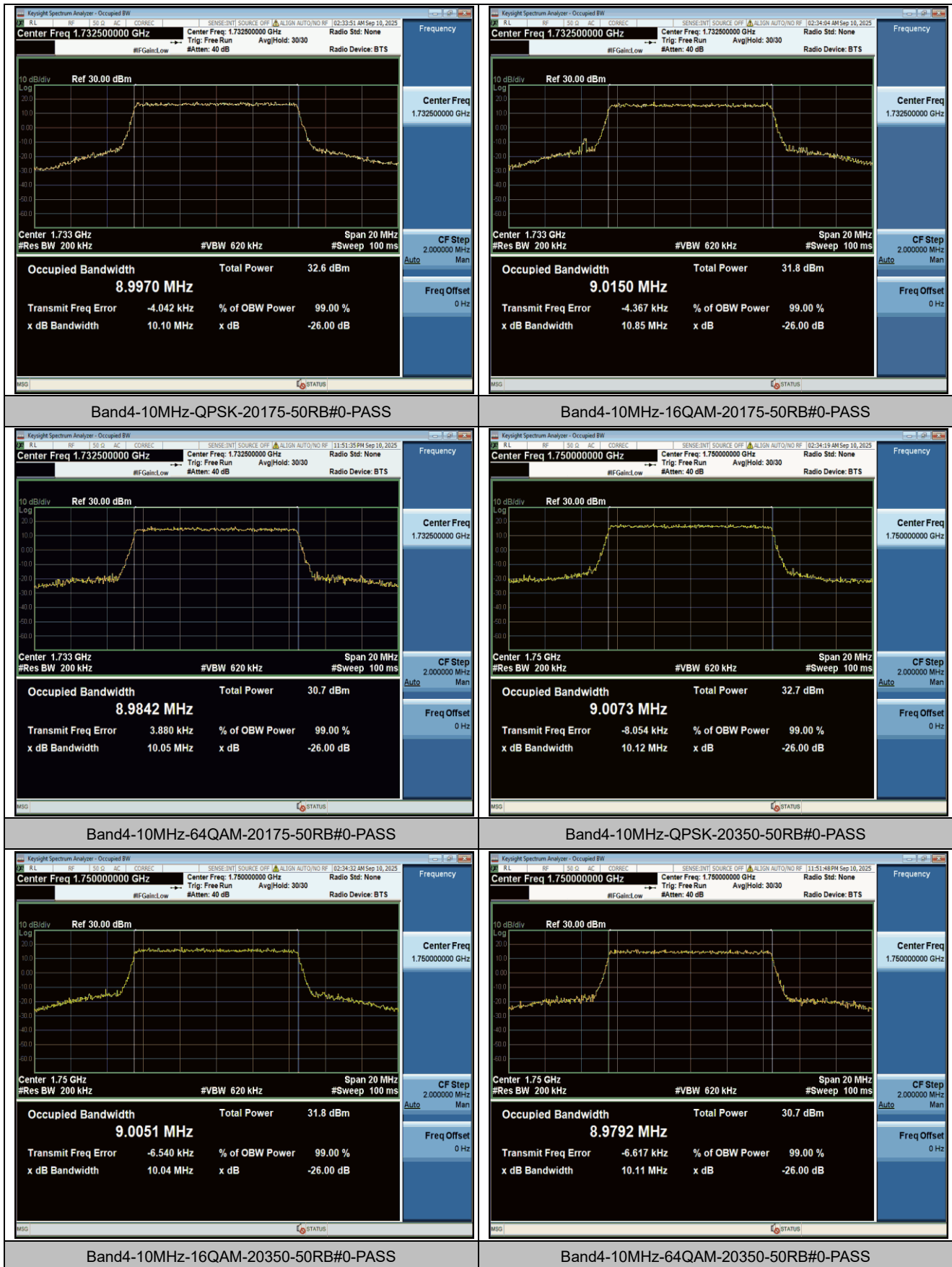


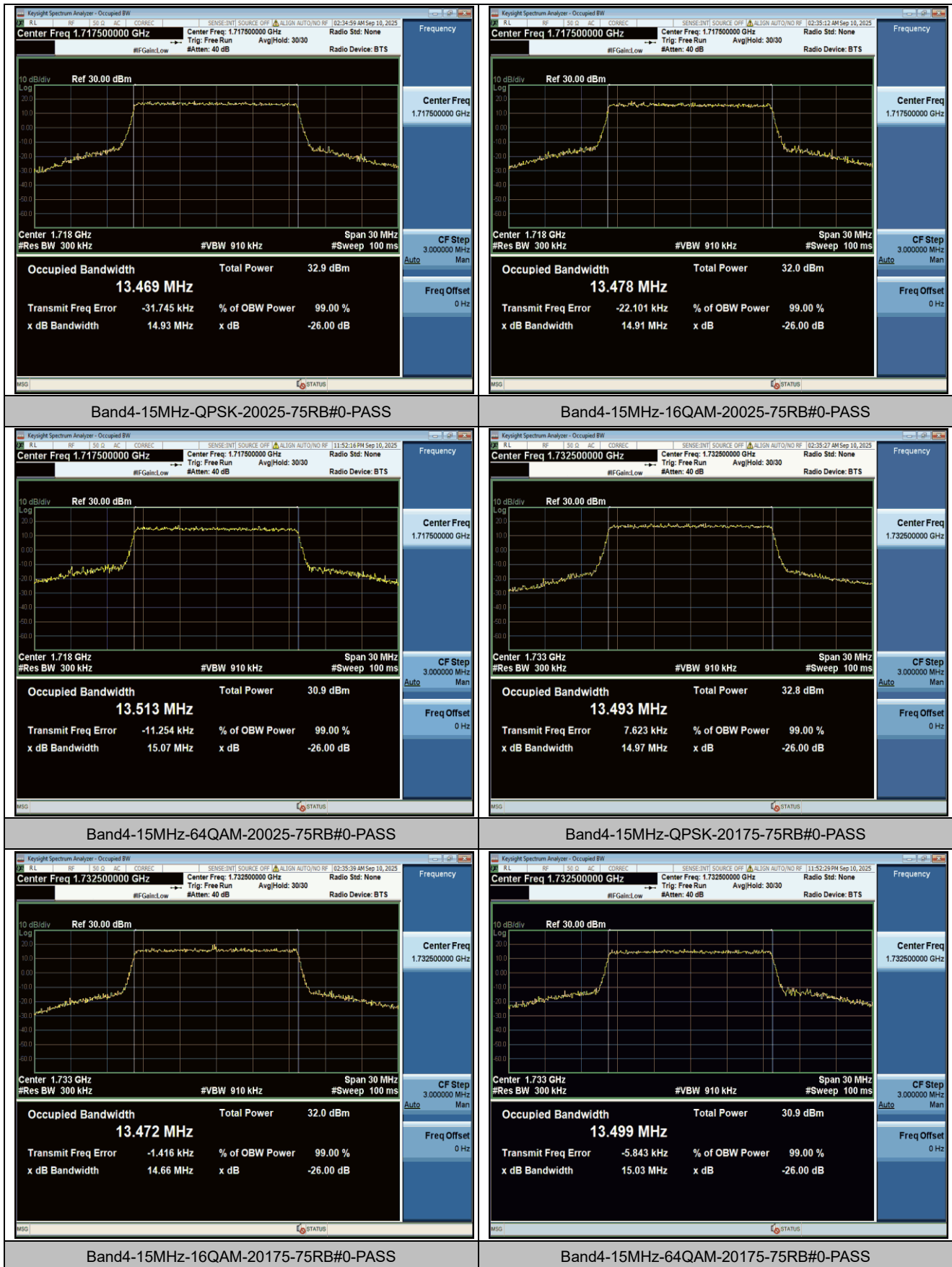


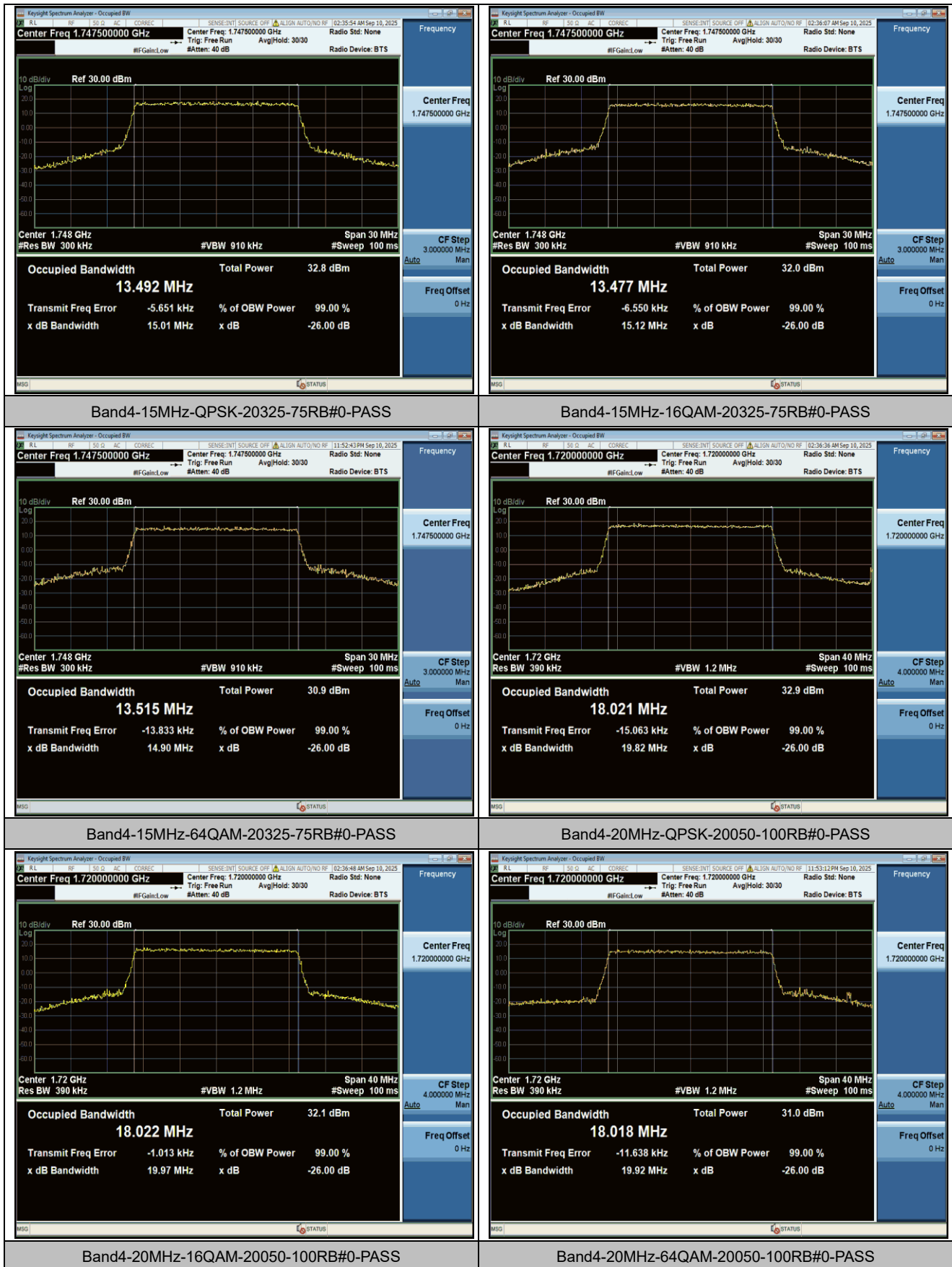


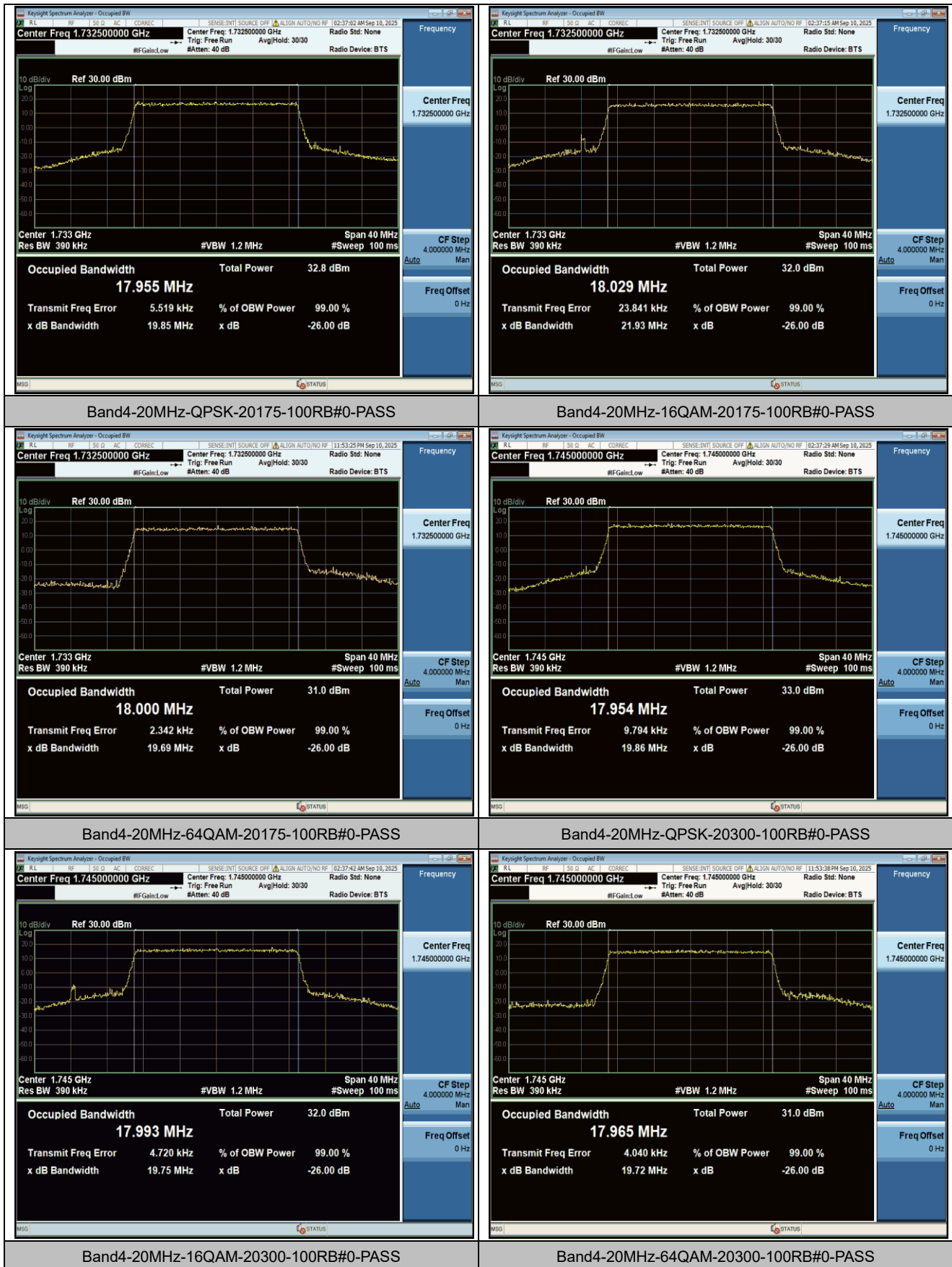






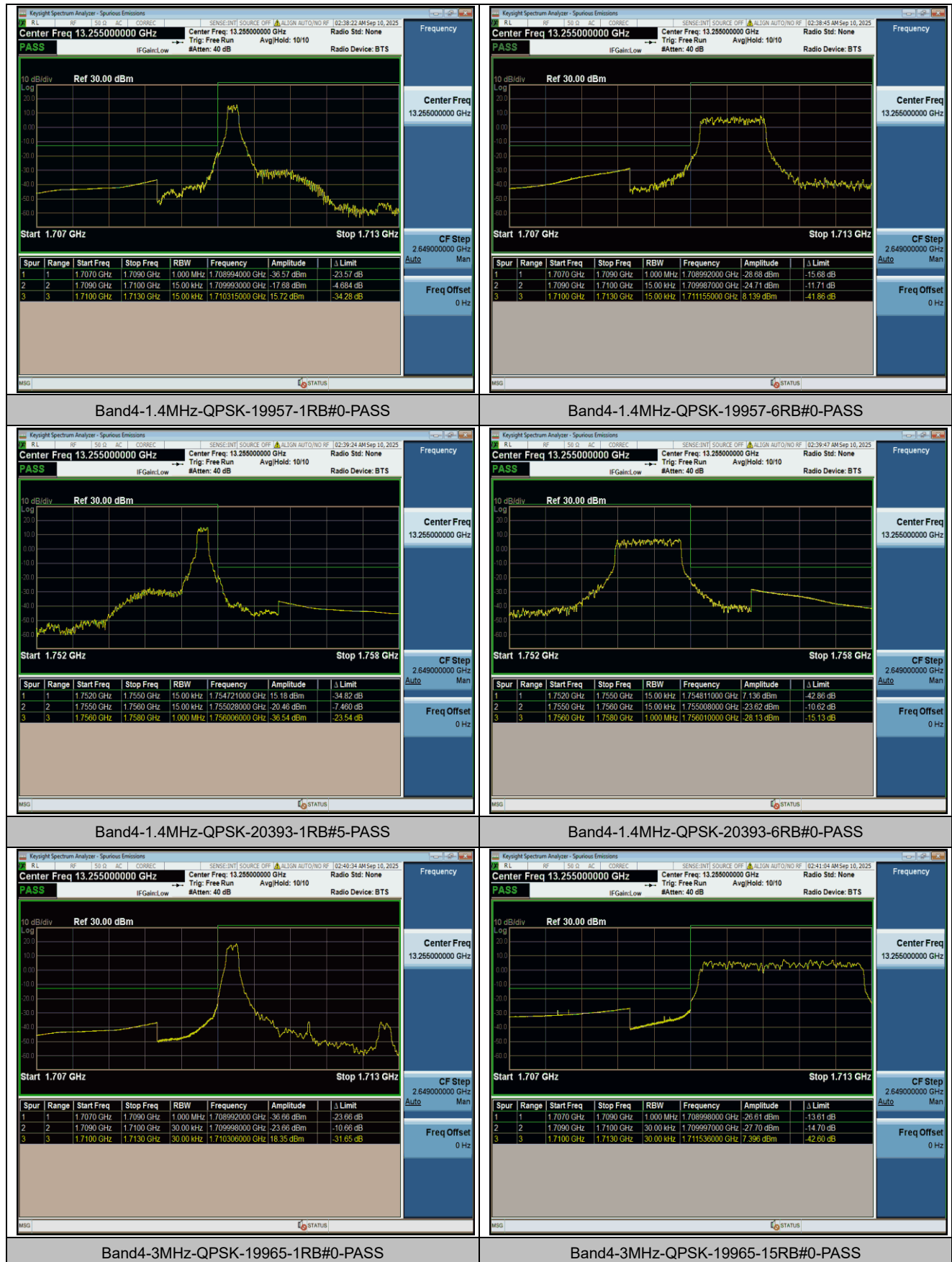


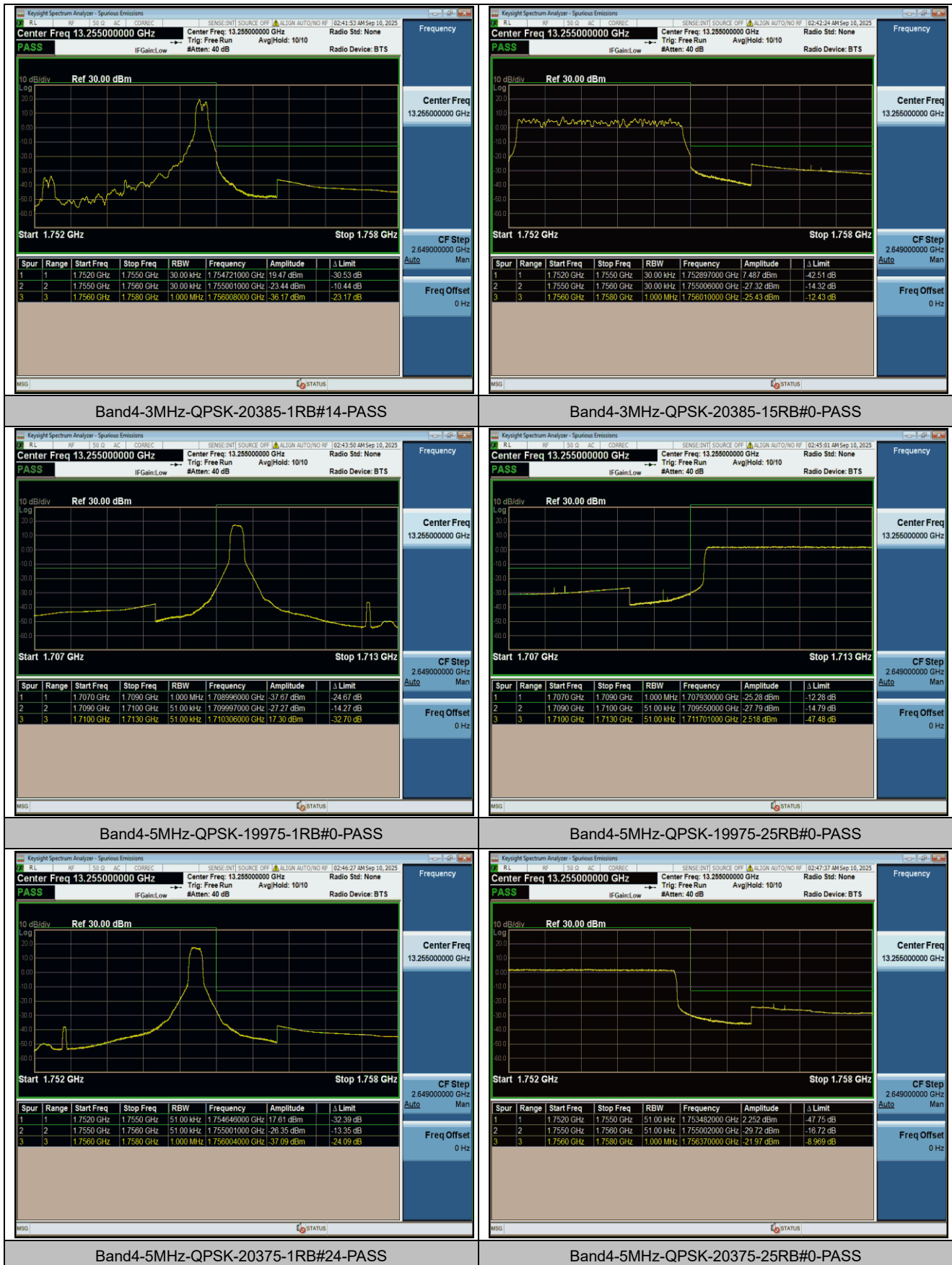


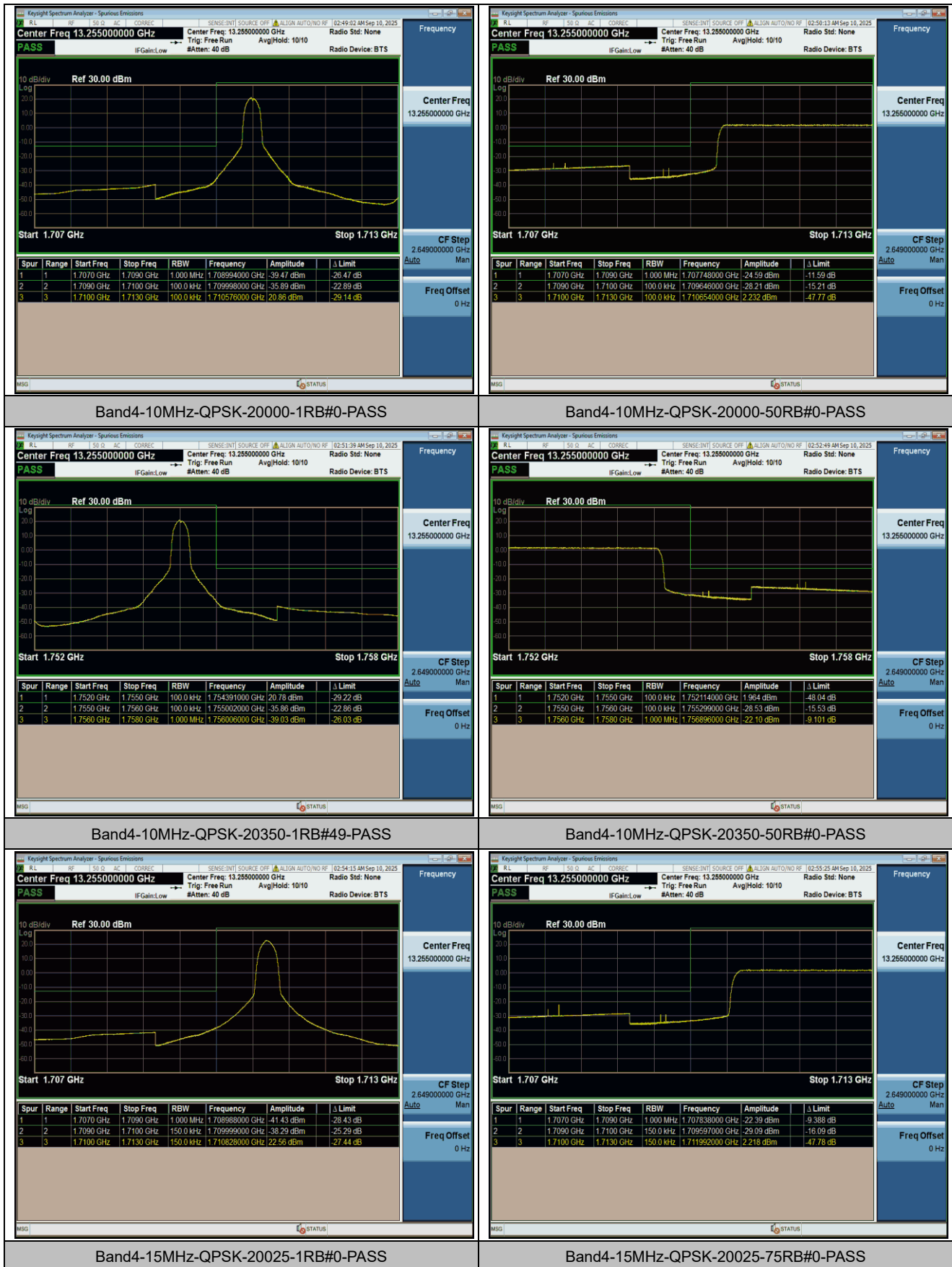


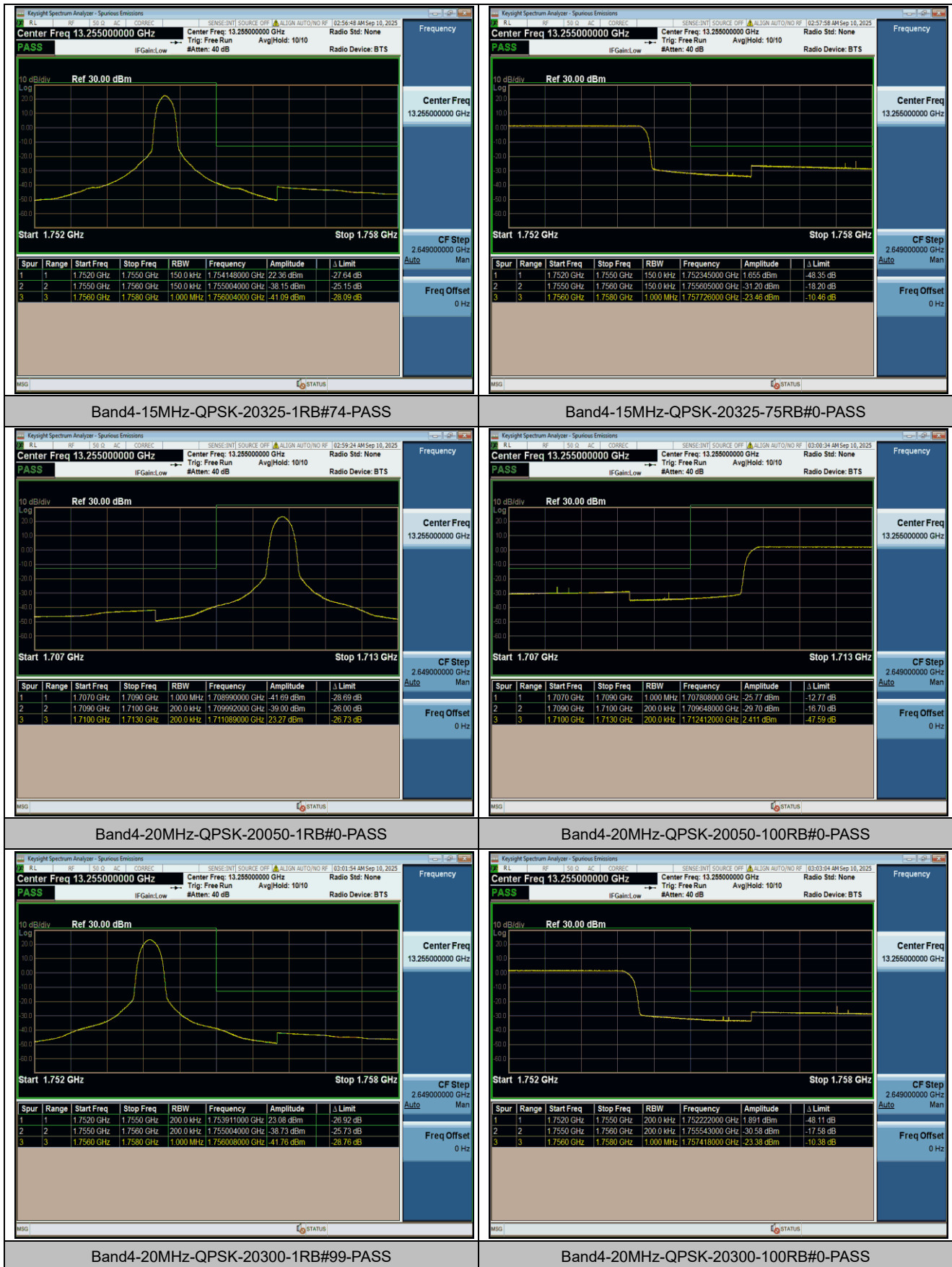
Band Edge

Test Graphs



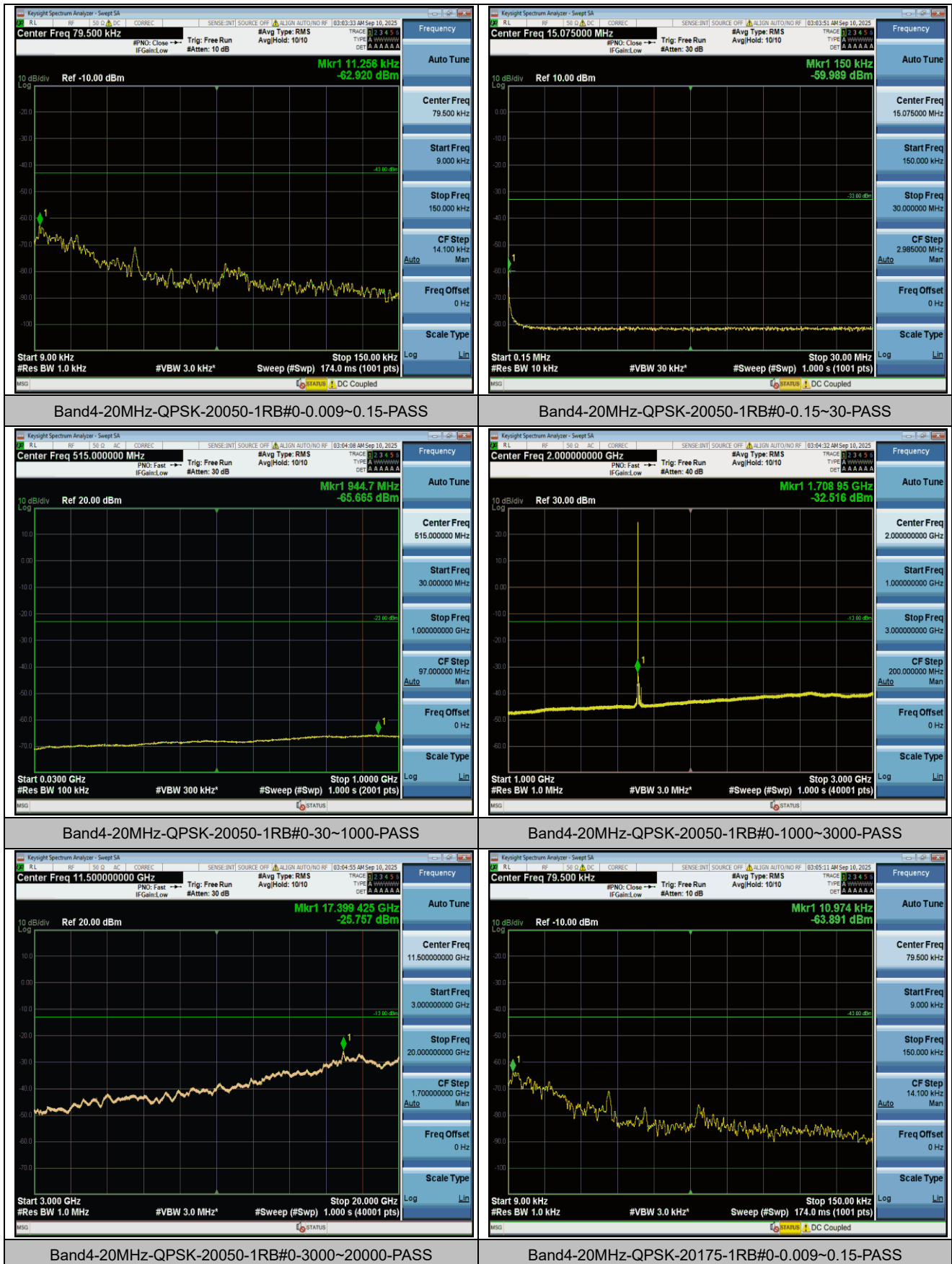


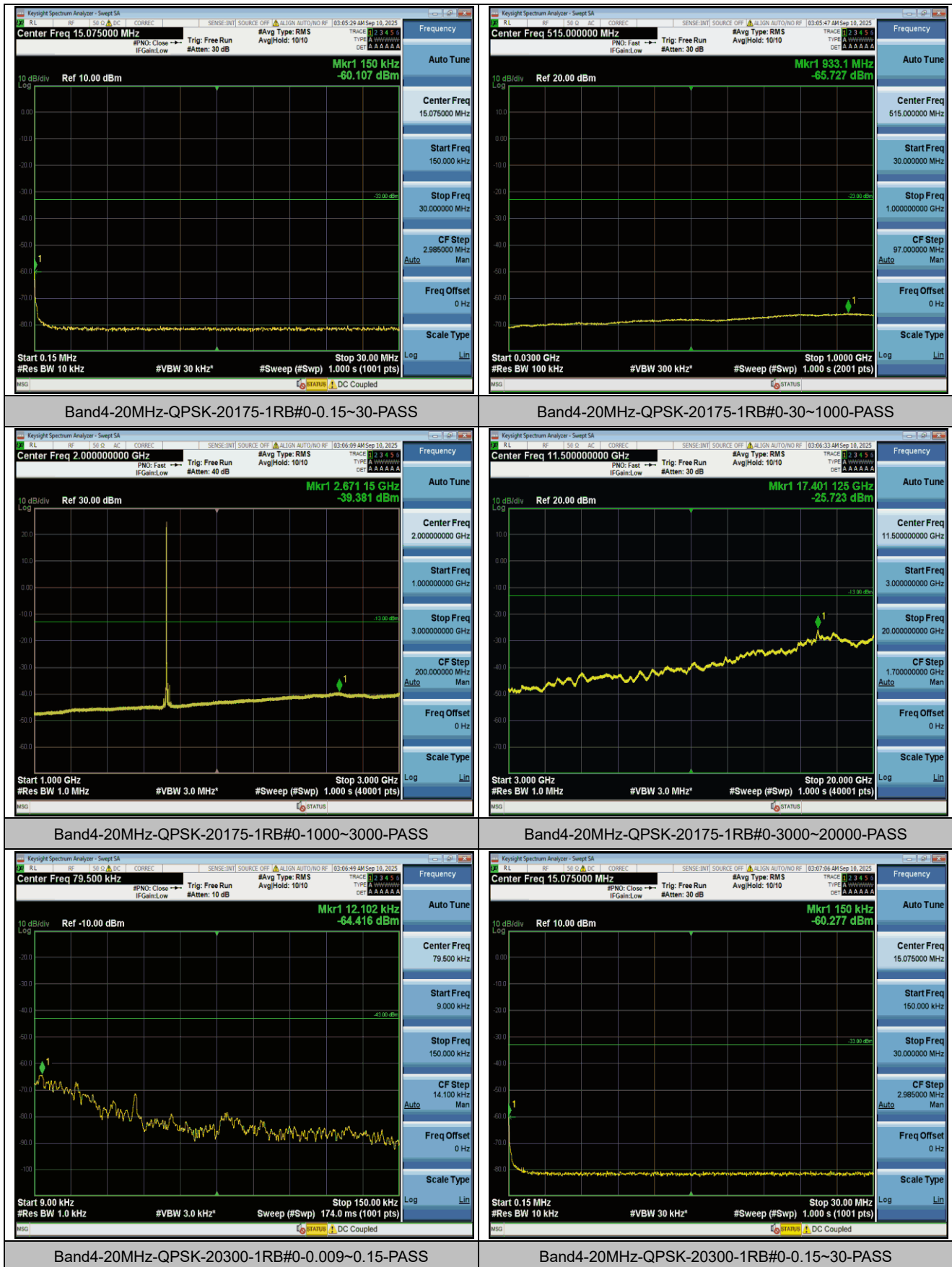


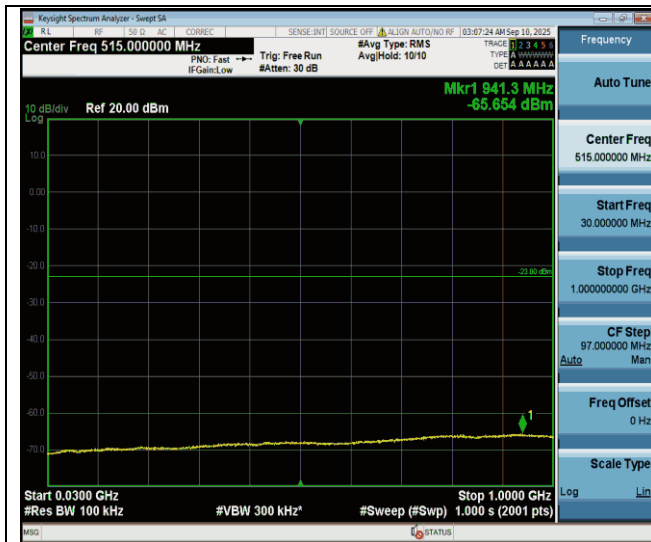


Conducted Spurious Emission

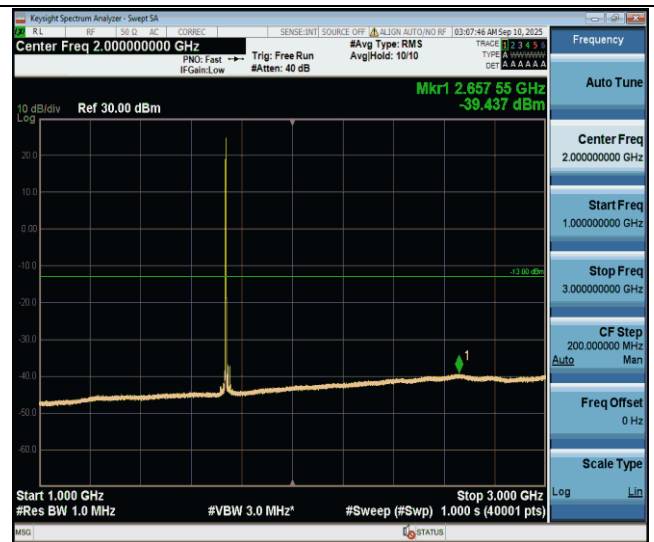
Test Graphs







Band4-20MHz-QPSK-20300-1RB#0-30~1000-PASS



Band4-20MHz-QPSK-20300-1RB#0-1000~3000-PASS



Band4-20MHz-QPSK-20300-1RB#0-3000~20000-PASS

Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	0.00	0.000000	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	0.60	0.000346	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-0.10	-0.000058	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-0.50	-0.000289	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	0.20	0.000115	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	2.60	0.001501	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	0.40	0.000231	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	0.50	0.000289	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-0.10	-0.000058	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-0.30	-0.000173	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	0.00	0.000000	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	0.30	0.000173	PASS

~The End~