

Appendix-A LTE Band 4

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.38	24.68	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.35	24.65	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.24	24.54	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	23.31	24.61	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	23.14	24.44	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	23.2	24.5	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	23.24	24.54	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	22.28	23.58	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	22.62	23.92	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	22.41	23.71	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	22.43	23.73	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	21.17	22.47	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.42	24.72	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.37	24.67	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.29	24.59	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	23.32	24.62	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	23.3	24.6	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	23.47	24.77	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	23.25	24.55	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	22.39	23.69	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	22.48	23.78	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	22.46	23.76	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	22.4	23.7	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	21.36	22.66	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.5	24.8	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.41	24.71	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.36	24.66	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	23.42	24.72	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	23.38	24.68	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	23.47	24.77	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	23.4	24.7	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	22.45	23.75	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	22.49	23.79	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	22.46	23.76	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	22.53	23.83	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	21.4	22.7	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.24	24.54	30.00	PASS

Band4	3MHz	QPSK	19965	1RB#8	23.31	24.61	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.21	24.51	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	23.29	24.59	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	23.32	24.62	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	23.11	24.41	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	23.5	24.8	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	22.34	23.64	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	22.46	23.76	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	22.32	23.62	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	22.3	23.6	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	21.37	22.67	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.44	24.74	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.31	24.61	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.24	24.54	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	23.4	24.7	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	23.4	24.7	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	23.45	24.75	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	23.4	24.7	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	22.4	23.7	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	22.4	23.7	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	22.44	23.74	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	22.63	23.93	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	21.41	22.71	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.42	24.72	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.37	24.67	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.29	24.59	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	23.49	24.79	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	23.33	24.63	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	23.47	24.77	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	23.35	24.65	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	22.49	23.79	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	22.93	24.23	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	22.7	24	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	22.6	23.9	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	21.44	22.74	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.37	24.67	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.46	24.76	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.25	24.55	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	23.47	24.77	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	23.45	24.75	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	23.15	24.45	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	23.48	24.78	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	22.45	23.75	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	22.75	24.05	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	22.79	24.09	30.00	PASS

Band4	5MHz	64QAM	19975	1RB#24	22.86	24.16	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	21.45	22.75	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.41	24.71	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.33	24.63	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.3	24.6	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	23.35	24.65	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	23.52	24.82	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	23.66	24.96	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	23.3	24.6	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	22.48	23.78	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	22.58	23.88	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	22.66	23.96	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	22.52	23.82	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	21.38	22.68	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.57	24.87	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.48	24.78	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.27	24.57	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	23.42	24.72	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	23.33	24.63	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	23.56	24.86	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	23.42	24.72	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.38	23.68	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	22.45	23.75	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	22.35	23.65	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	22.44	23.74	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	21.41	22.71	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.35	24.65	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.37	24.67	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.35	24.65	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	23.55	24.85	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	23.59	24.89	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	23.55	24.85	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	23.53	24.83	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	22.44	23.74	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	22.67	23.97	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	22.8	24.1	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	22.46	23.76	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	21.51	22.81	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.47	24.77	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.36	24.66	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.33	24.63	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	23.41	24.71	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	23.58	24.88	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	23.55	24.85	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	23.37	24.67	30.00	PASS

Band4	10MHz	16QAM	20175	50RB#0	22.5	23.8	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	22.54	23.84	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	22.7	24	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	22.47	23.77	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	21.48	22.78	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.52	24.82	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.5	24.8	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.33	24.63	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	23.52	24.82	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	23.24	24.54	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.42	24.72	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	23.47	24.77	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	22.51	23.81	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	22.64	23.94	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	22.65	23.95	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	22.53	23.83	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	21.41	22.71	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.34	24.64	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.58	24.88	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.53	24.83	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	23.55	24.85	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	23.54	24.84	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	23.28	24.58	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	23.34	24.64	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	22.41	23.71	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	22.68	23.98	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	22.62	23.92	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	22.67	23.97	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	21.51	22.81	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.44	24.74	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.39	24.69	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.3	24.6	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	23.46	24.76	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	23.47	24.77	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	23.69	24.99	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	23.3	24.6	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	22.45	23.75	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	22.67	23.97	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	22.48	23.78	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	22.44	23.74	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	21.48	22.78	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.46	24.76	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.4	24.7	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.41	24.71	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	23.46	24.76	30.00	PASS

Band4	15MHz	16QAM	20325	1RB#0	23.28	24.58	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	23.44	24.74	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	23.4	24.7	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	22.43	23.73	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	22.77	24.07	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	22.59	23.89	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	22.56	23.86	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	21.42	22.72	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.4	24.7	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.56	24.86	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.79	25.09	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	23.47	24.77	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	23.25	24.55	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	23.62	24.92	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	23.49	24.79	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	22.47	23.77	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	22.29	23.59	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	22.54	23.84	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	22.69	23.99	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	21.44	22.74	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.48	24.78	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.38	24.68	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.6	24.9	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	23.45	24.75	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.22	24.52	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.5	24.8	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	23.45	24.75	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	22.43	23.73	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	22.56	23.86	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	22.82	24.12	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	22.56	23.86	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	21.36	22.66	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.46	24.76	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.39	24.69	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.44	24.74	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	23.42	24.72	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	23.43	24.73	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	23.39	24.69	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	23.4	24.7	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	22.38	23.68	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	22.93	24.23	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	22.76	24.06	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	22.91	24.21	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	21.38	22.68	30.00	PASS

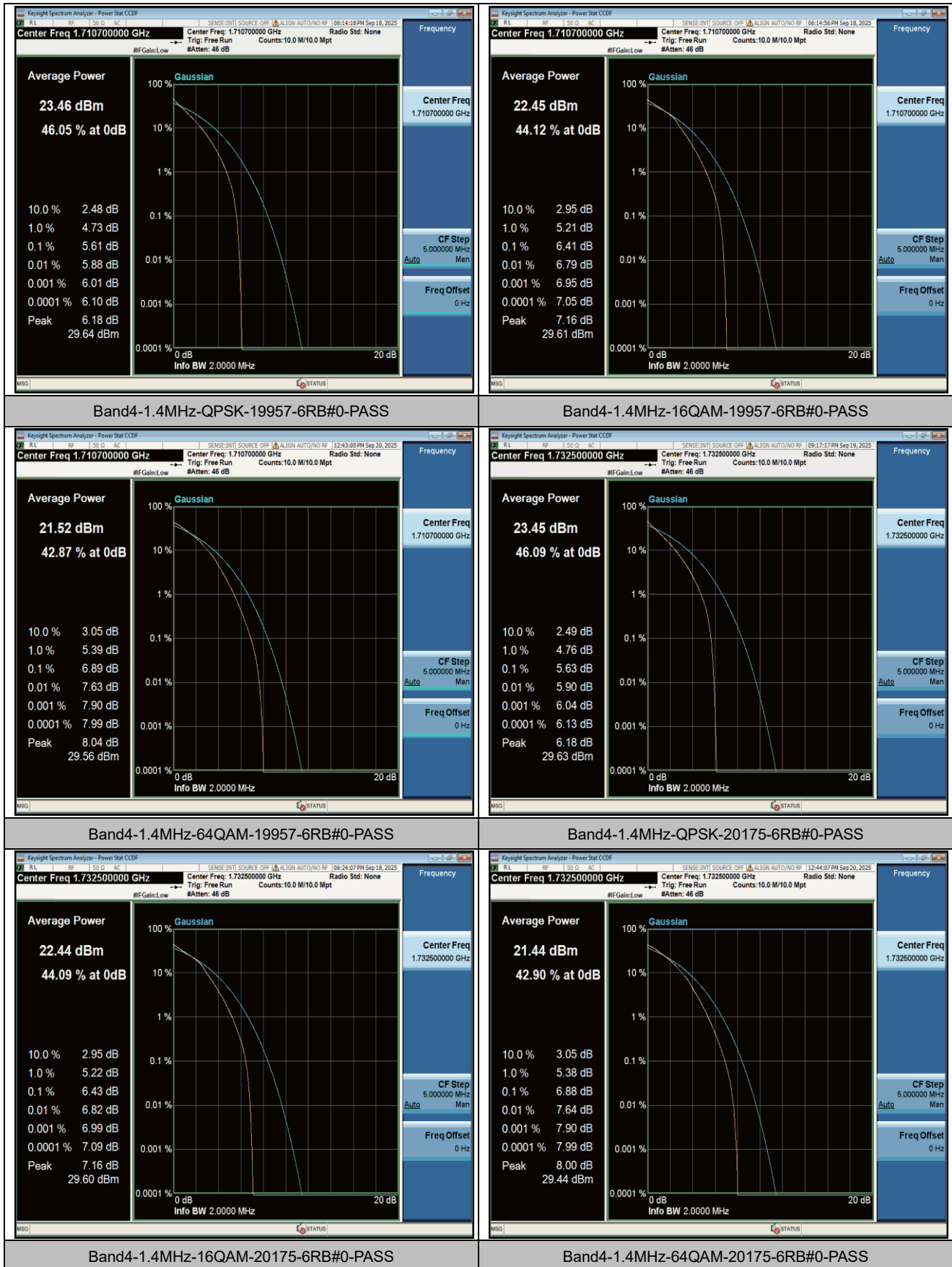
Peak-to-Average Ratio(CCDF)

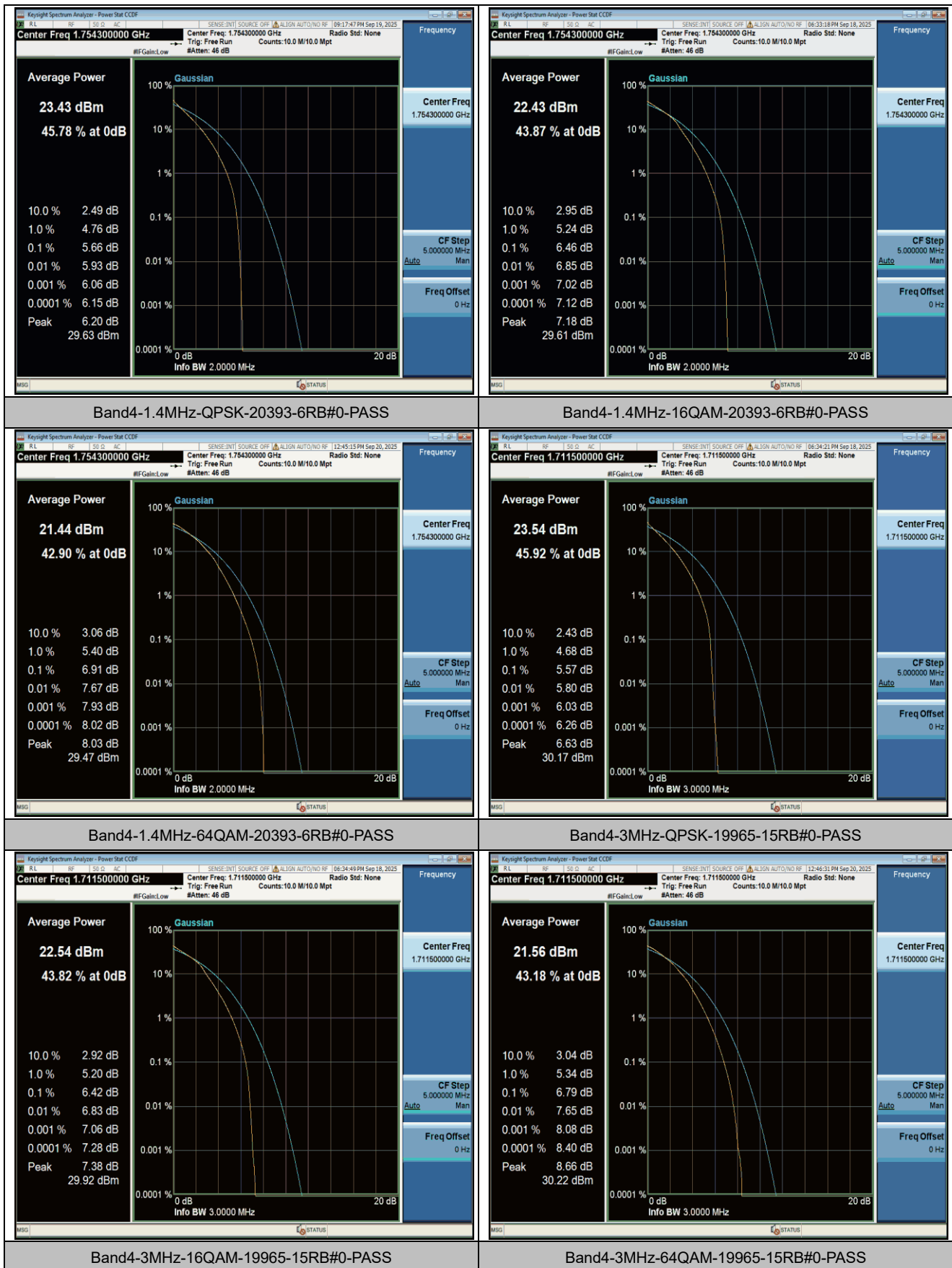
Test Result

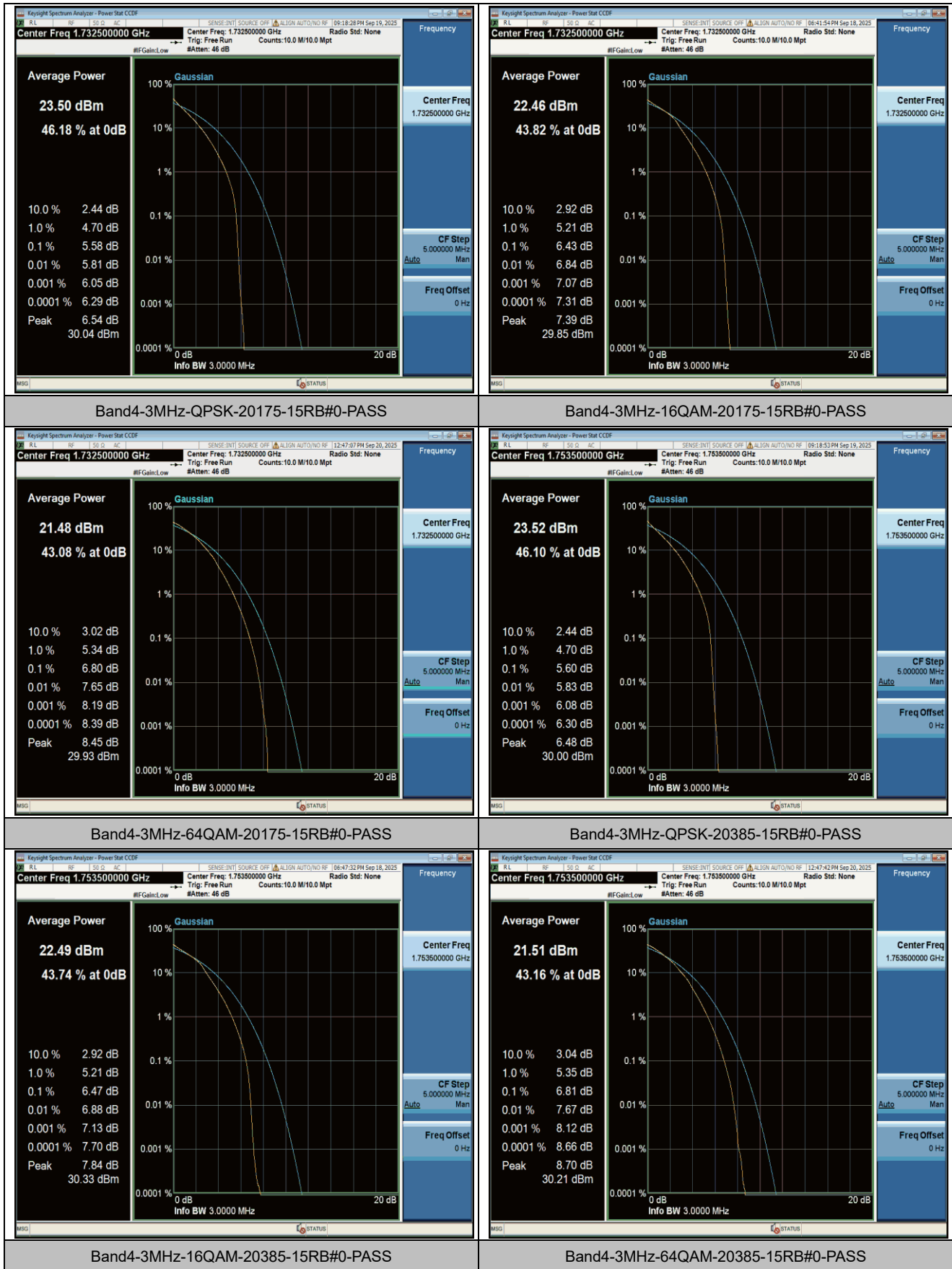
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.61	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.41	13	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	6.89	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.63	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.43	13	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	6.88	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.66	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.46	13	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	6.91	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.57	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.42	13	PASS
Band4	3MHz	64QAM	19965	15RB#0	6.79	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.58	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.43	13	PASS
Band4	3MHz	64QAM	20175	15RB#0	6.80	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.60	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.47	13	PASS
Band4	3MHz	64QAM	20385	15RB#0	6.81	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.63	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.42	13	PASS
Band4	5MHz	64QAM	19975	25RB#0	6.70	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.64	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.43	13	PASS
Band4	5MHz	64QAM	20175	25RB#0	6.74	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.67	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.46	13	PASS
Band4	5MHz	64QAM	20375	25RB#0	6.83	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.70	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.41	13	PASS
Band4	10MHz	64QAM	20000	50RB#0	6.70	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.71	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.43	13	PASS
Band4	10MHz	64QAM	20175	50RB#0	6.71	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.73	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.47	13	PASS
Band4	10MHz	64QAM	20350	50RB#0	6.76	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.62	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.41	13	PASS
Band4	15MHz	64QAM	20025	75RB#0	6.72	13	PASS

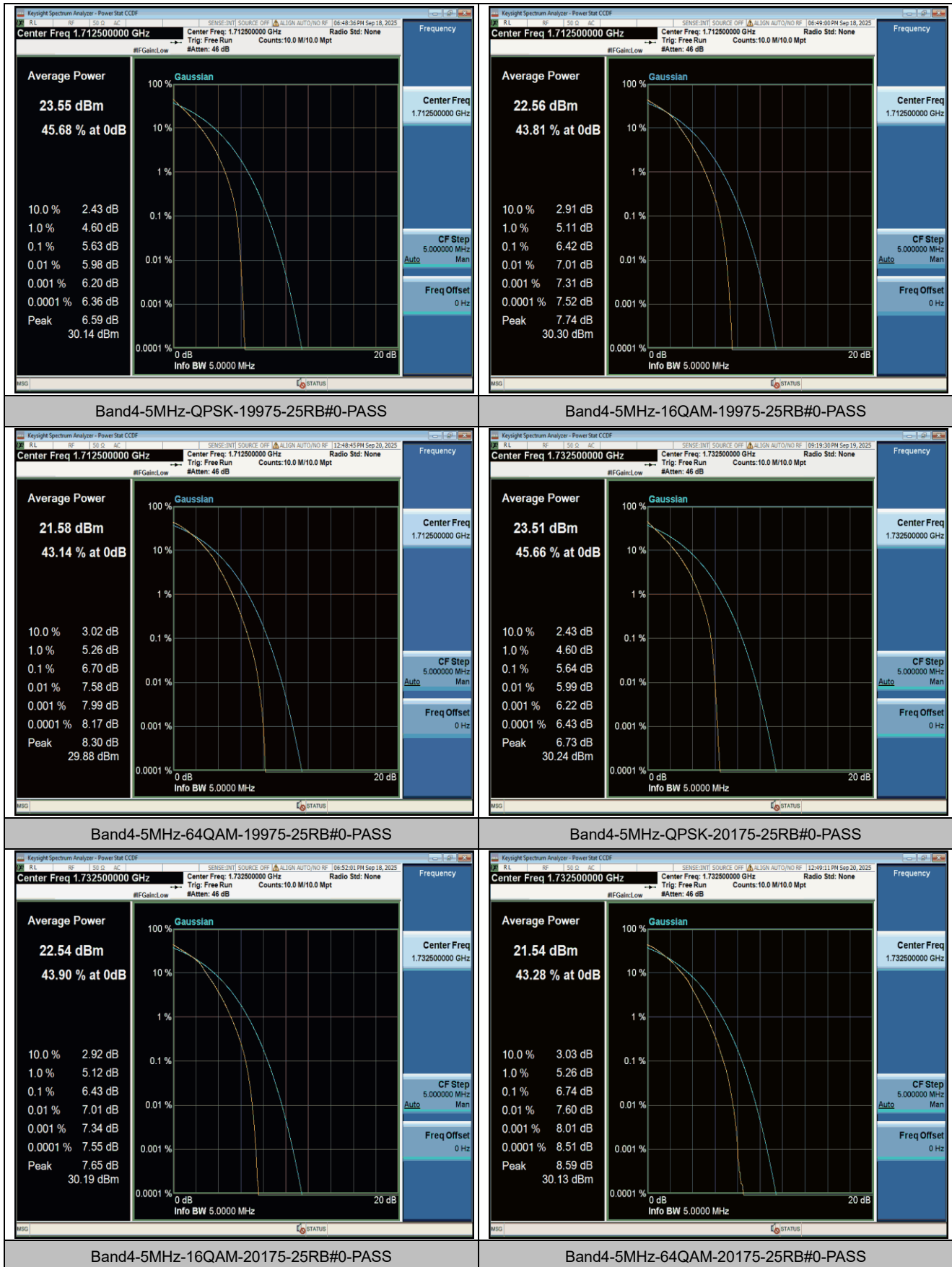
Band4	15MHz	QPSK	20175	75RB#0	5.63	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.42	13	PASS
Band4	15MHz	64QAM	20175	75RB#0	6.72	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.67	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.46	13	PASS
Band4	15MHz	64QAM	20325	75RB#0	6.76	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.50	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.35	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.68	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.53	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.39	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.73	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.62	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.46	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.76	13	PASS

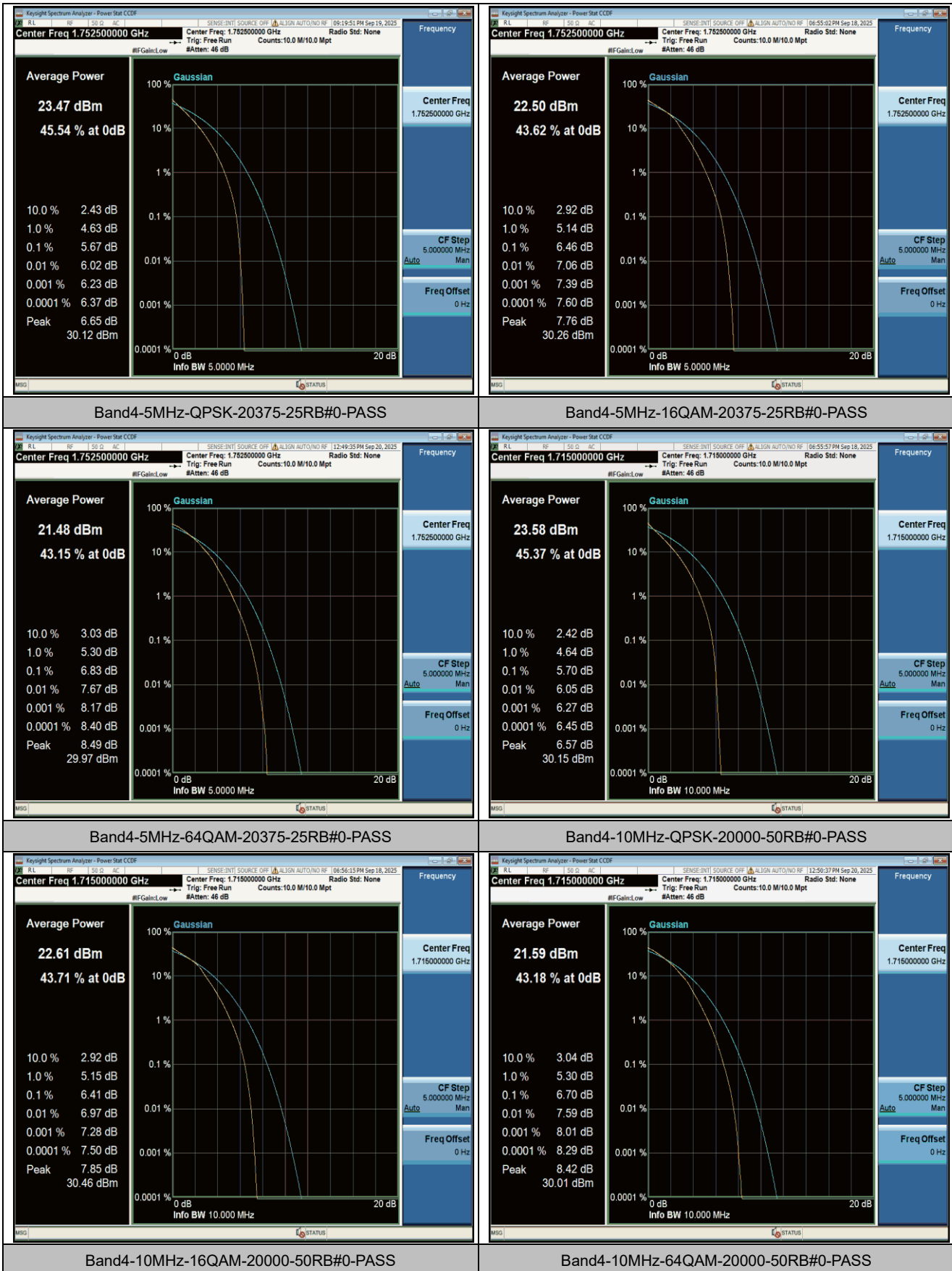
Test Graphs

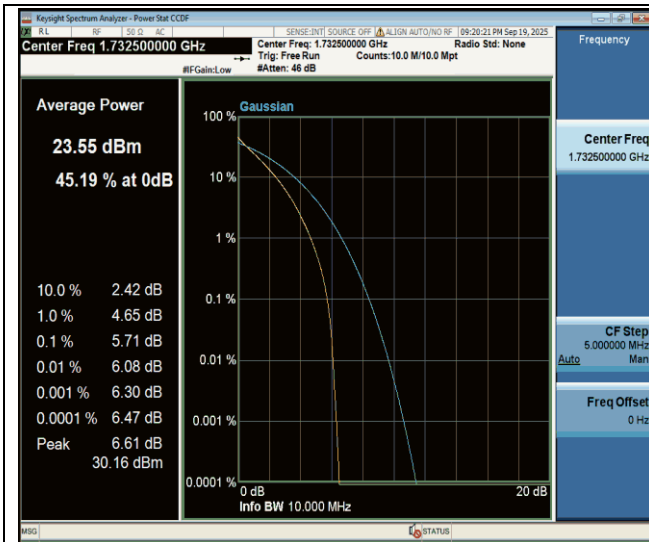




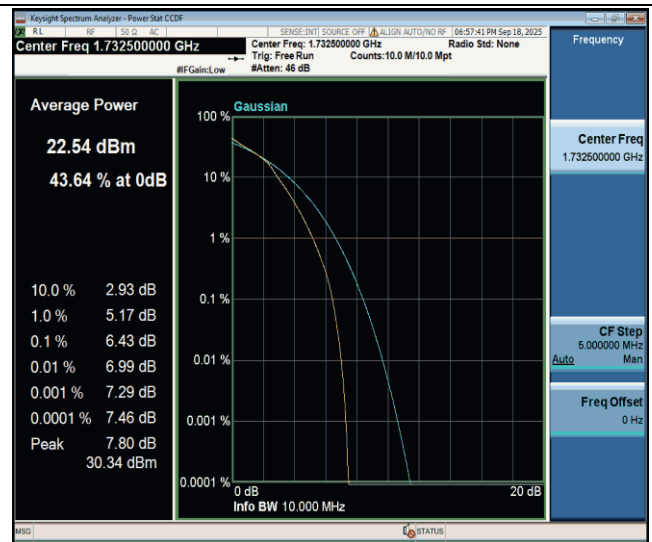




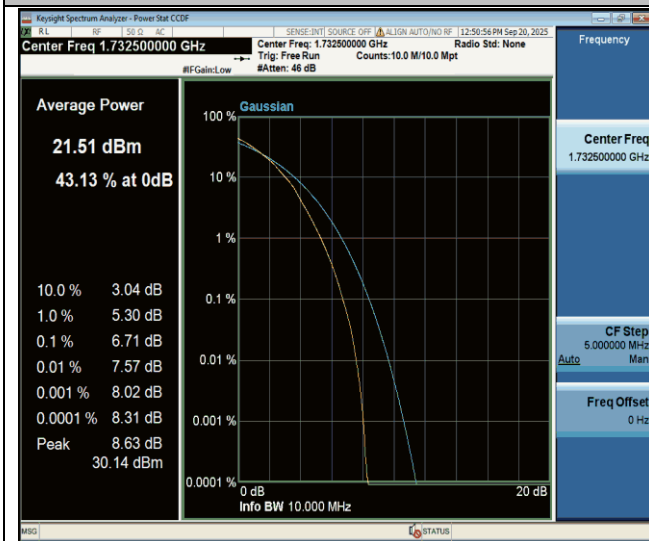




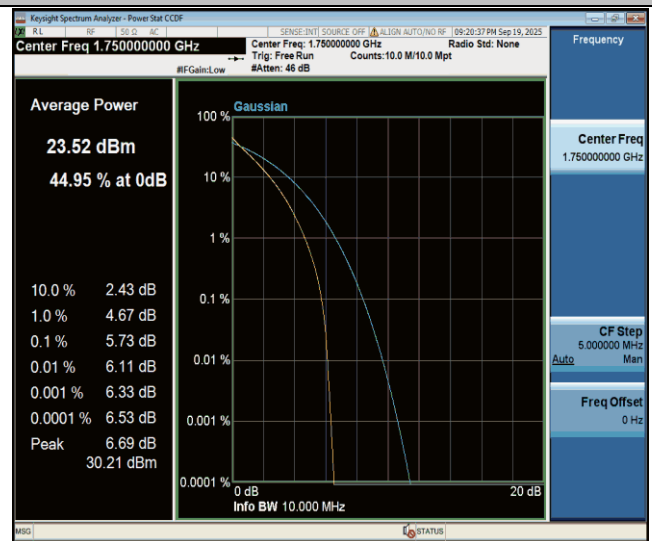
Band4-10MHz-QPSK-20175-50RB#0-PASS



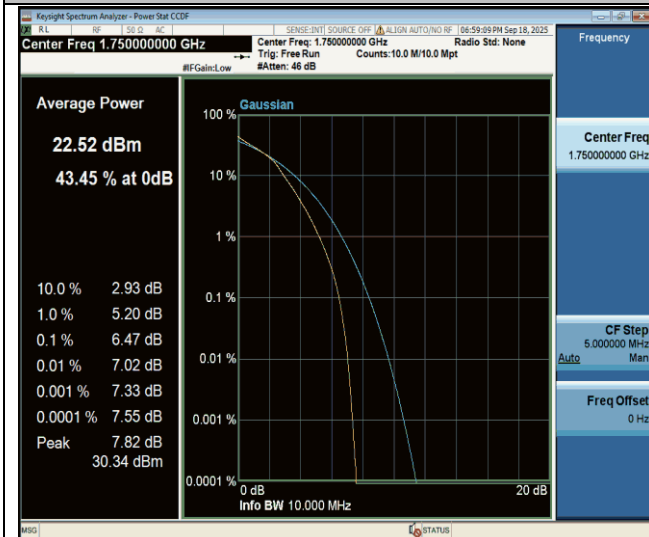
Band4-10MHz-16QAM-20175-50RB#0-PASS



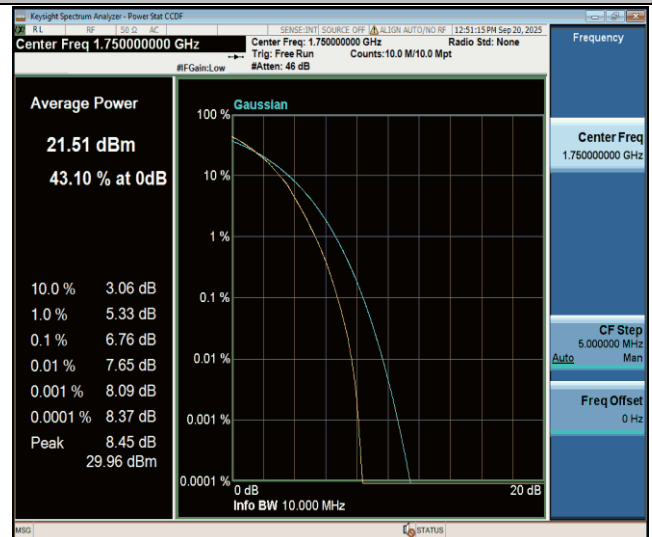
Band4-10MHz-64QAM-20175-50RB#0-PASS



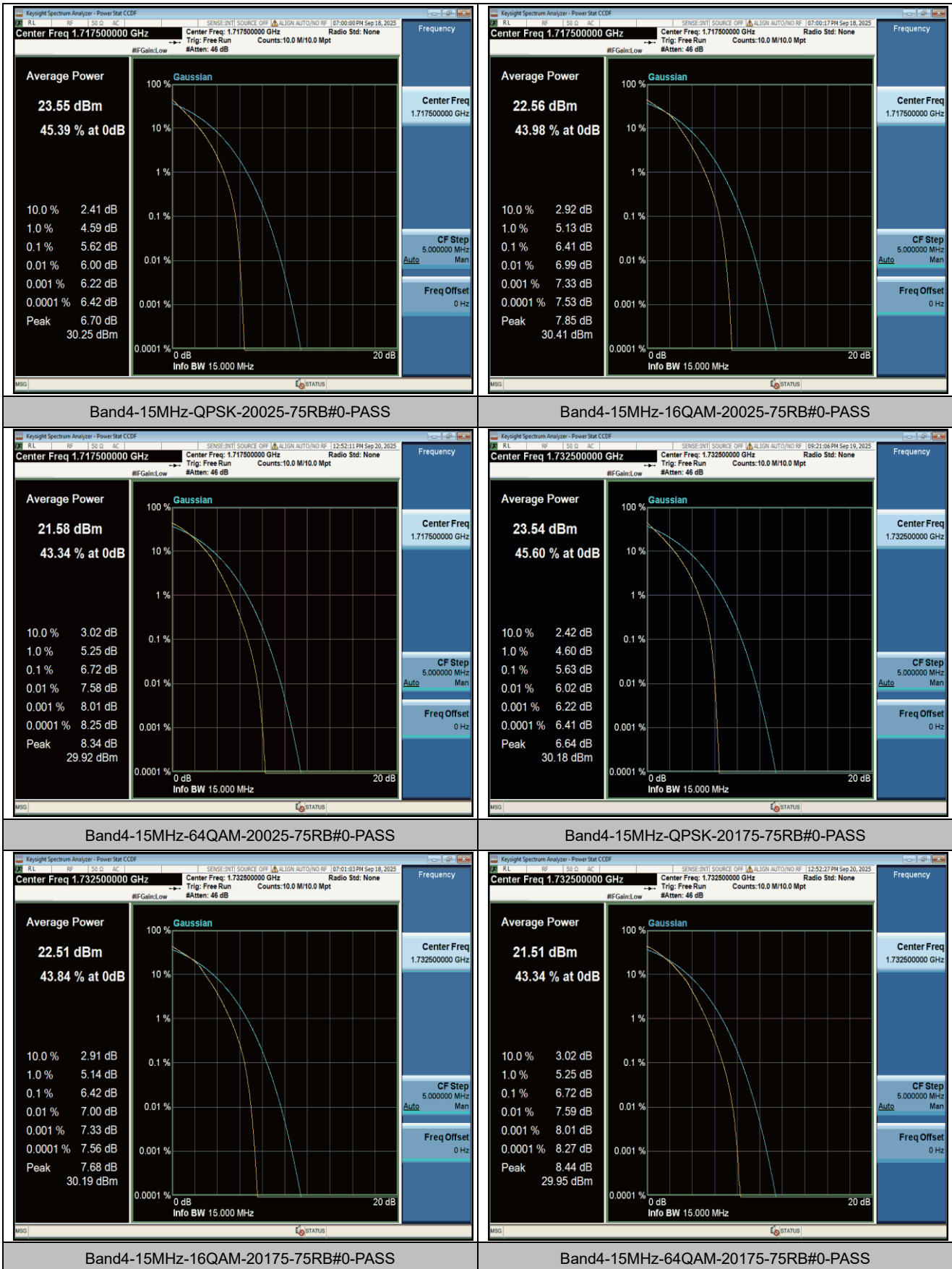
Band4-10MHz-QPSK-20350-50RB#0-PASS

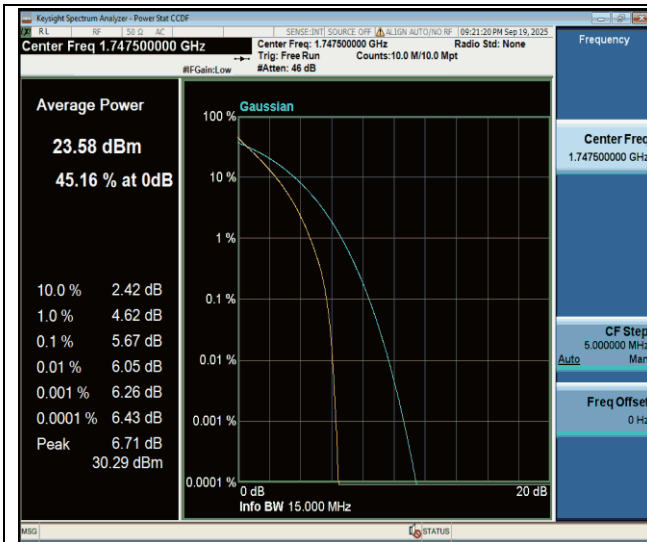


Band4-10MHz-16QAM-20350-50RB#0-PASS

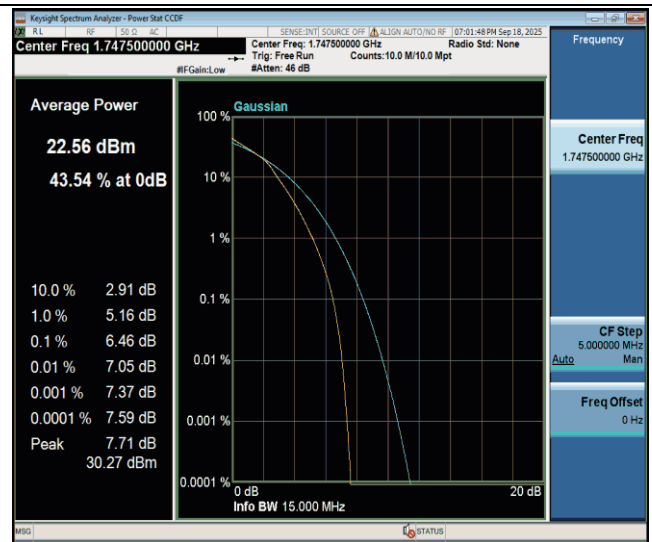


Band4-10MHz-64QAM-20350-50RB#0-PASS

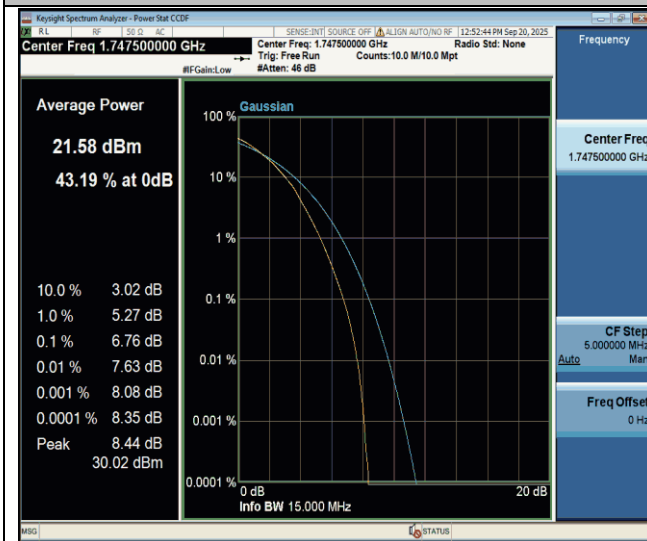




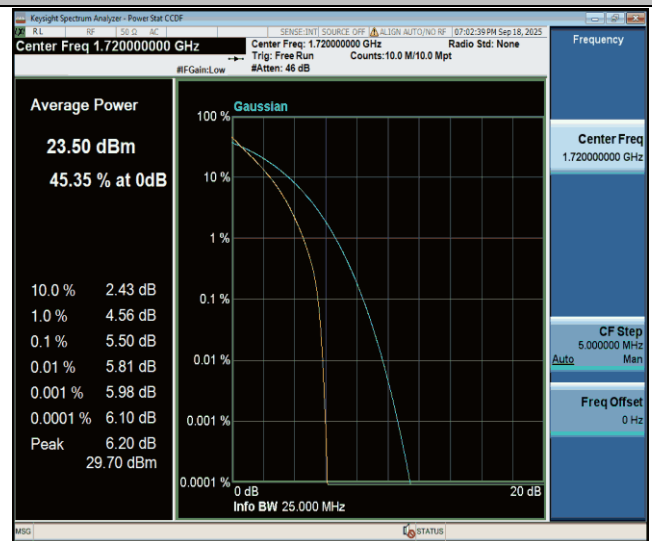
Band4-15MHz-QPSK-20325-75RB#0-PASS



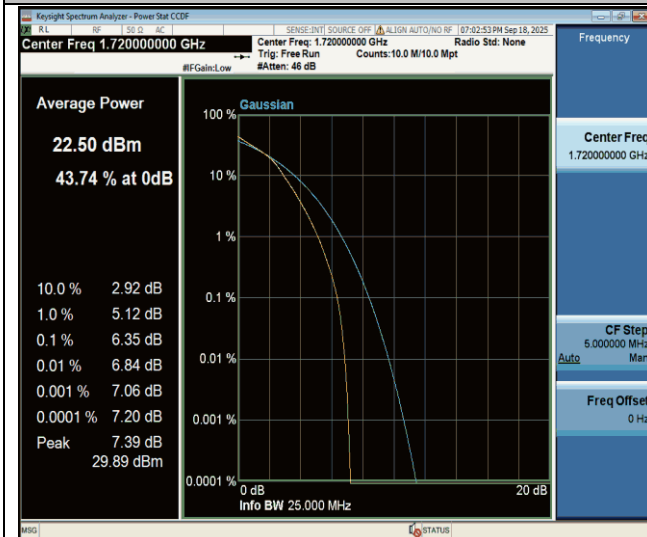
Band4-15MHz-16QAM-20325-75RB#0-PASS



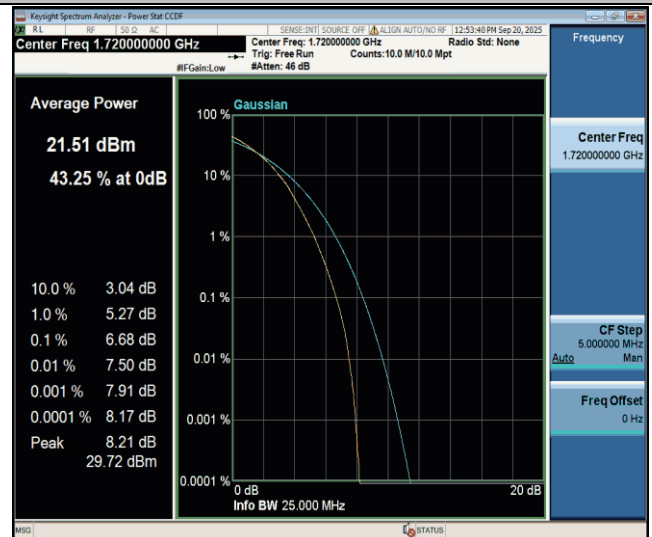
Band4-15MHz-64QAM-20325-75RB#0-PASS



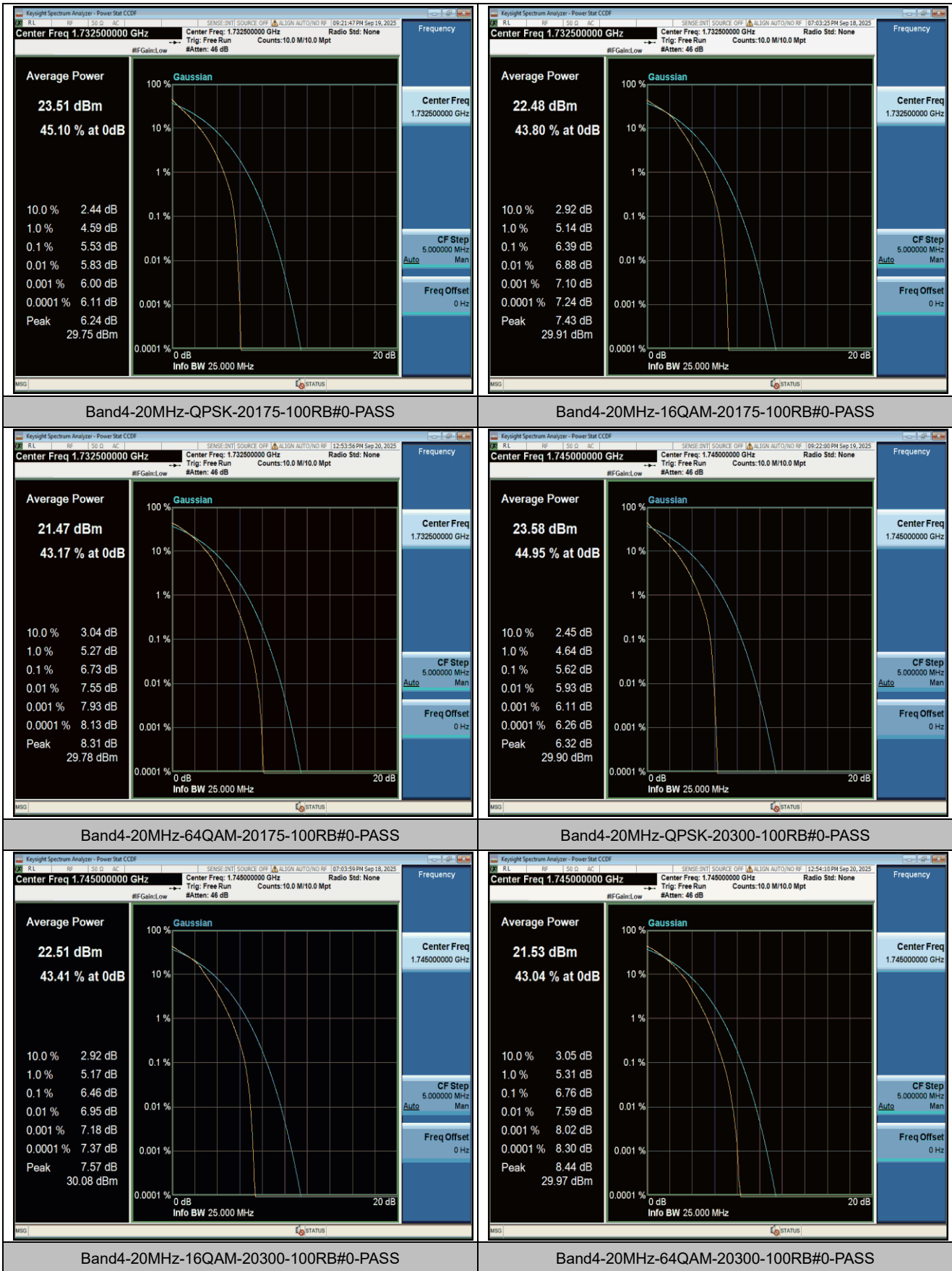
Band4-20MHz-QPSK-20050-100RB#0-PASS



Band4-20MHz-16QAM-20050-100RB#0-PASS



Band4-20MHz-64QAM-20050-100RB#0-PASS



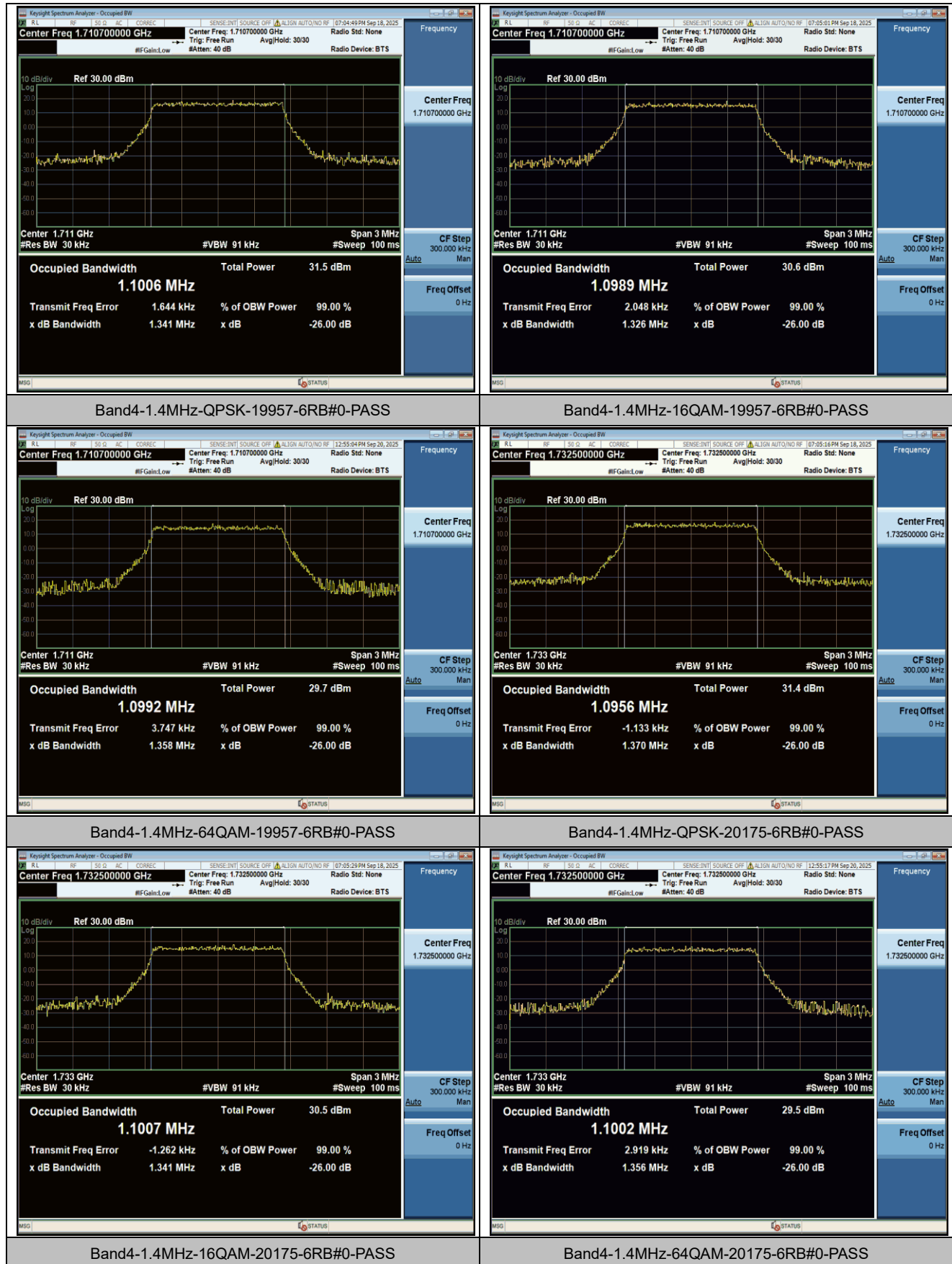
26dB Bandwidth and Occupied Bandwidth

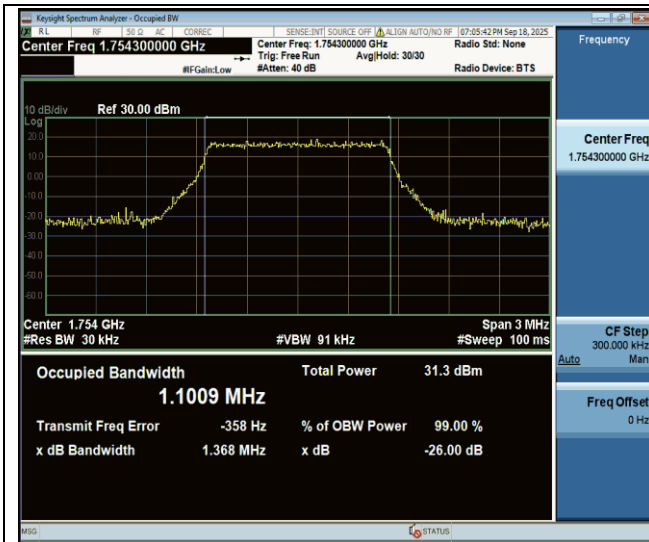
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.1006	1.341	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0989	1.326	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.0992	1.358	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0956	1.370	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1007	1.341	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.1002	1.356	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1009	1.368	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0987	1.360	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.1054	1.386	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6976	3.059	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6986	3.036	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.6987	3.030	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7071	3.031	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6953	3.016	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.7031	3.043	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6890	3.032	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6959	2.993	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.7021	3.031	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5096	5.159	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5105	5.142	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.5094	5.222	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5156	5.182	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5170	5.155	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.5130	5.181	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5176	5.084	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5091	5.181	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.5060	5.181	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0062	10.14	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0086	10.06	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.9800	10.08	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0033	10.09	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9995	10.10	PASS
Band4	10MHz	64QAM	20175	50RB#0	9.0127	10.04	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0099	10.15	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0027	10.09	PASS
Band4	10MHz	64QAM	20350	50RB#0	9.0006	10.03	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.511	14.94	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.499	14.96	PASS

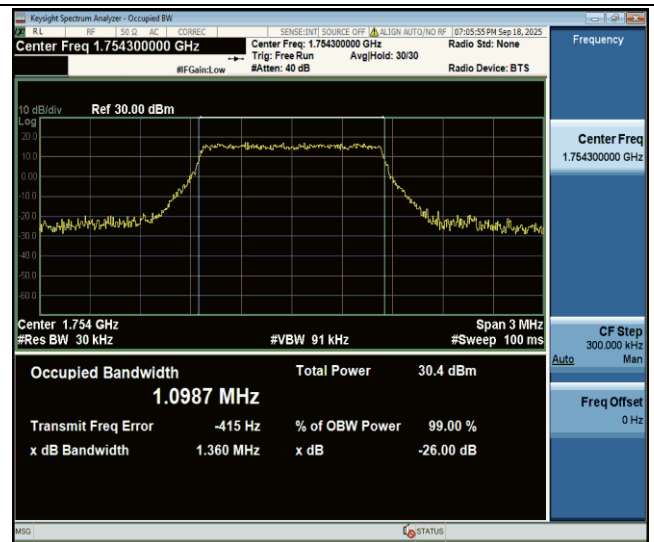
Band4	15MHz	64QAM	20025	75RB#0	13.506	14.97	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.510	14.97	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.517	14.93	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.508	15.08	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.511	15.01	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.509	15.10	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.533	14.96	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.948	19.79	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.968	19.74	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.981	19.80	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.963	19.85	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.987	19.75	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.985	19.85	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.996	19.80	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.984	19.81	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.969	19.80	PASS

Test Graphs

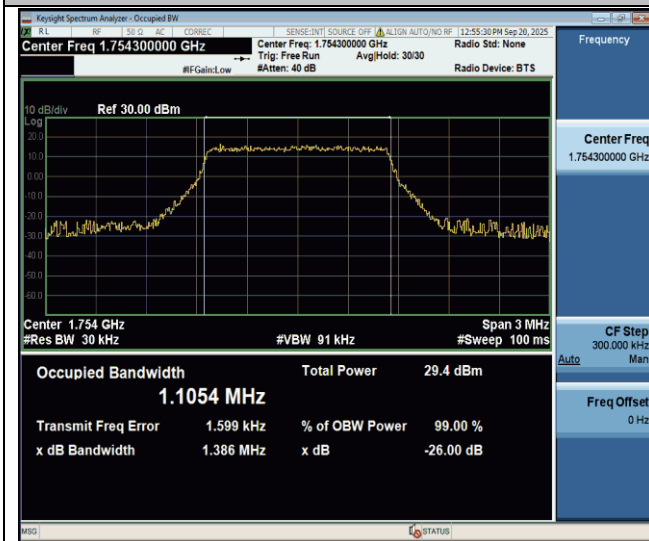




Band4-1.4MHz-QPSK-20393-6RB#0-PASS



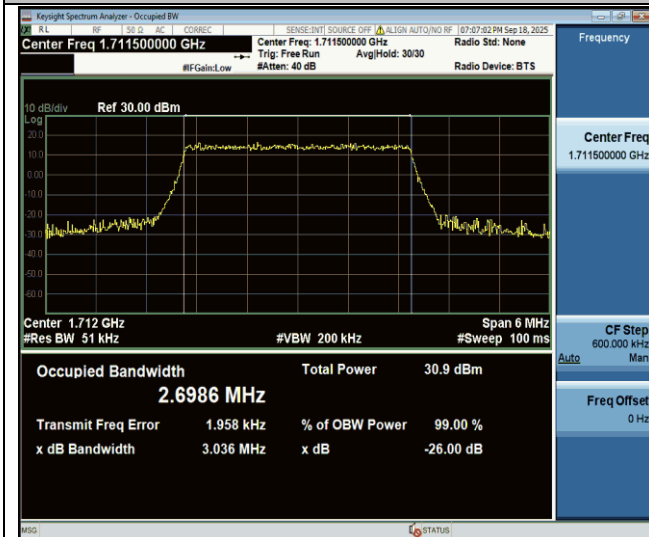
Band4-1.4MHz-16QAM-20393-6RB#0-PASS



Band4-1.4MHz-64QAM-20393-6RB#0-PASS



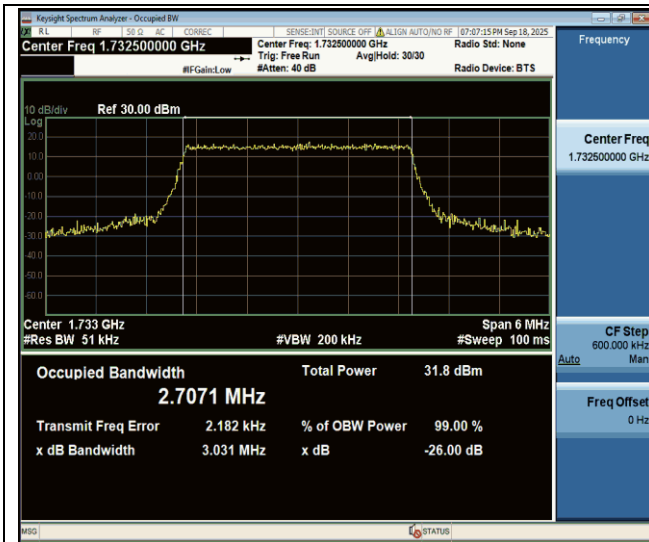
Band4-3MHz-QPSK-19965-15RB#0-PASS



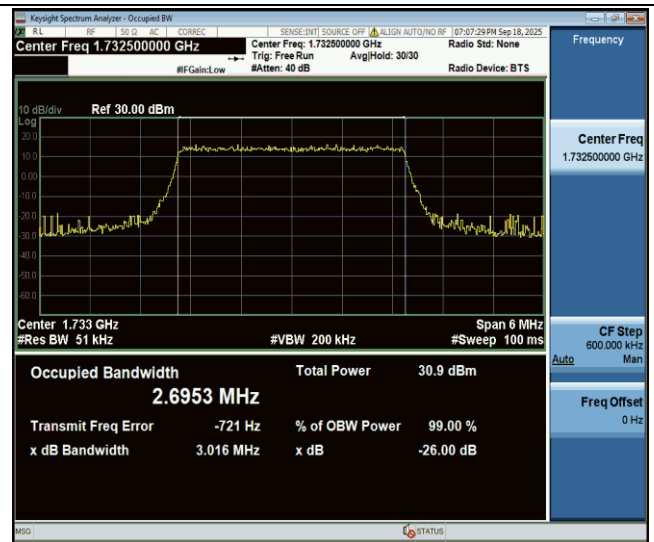
Band4-3MHz-16QAM-19965-15RB#0-PASS



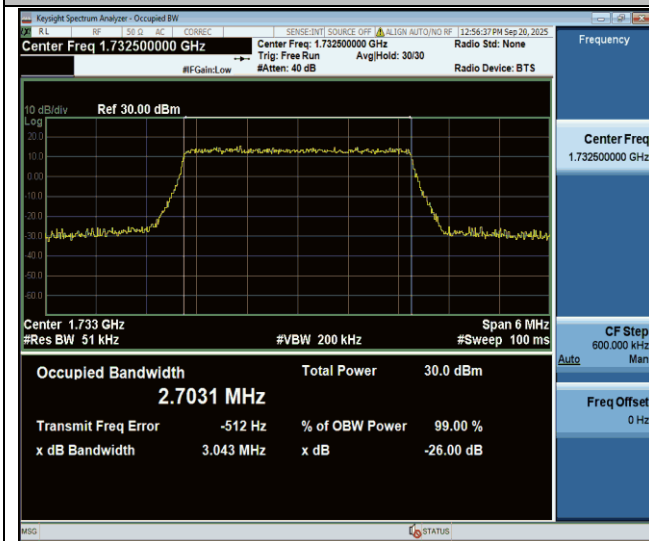
Band4-3MHz-64QAM-19965-15RB#0-PASS



Band4-3MHz-QPSK-20175-15RB#0-PASS



Band4-3MHz-16QAM-20175-15RB#0-PASS



Band4-3MHz-64QAM-20175-15RB#0-PASS



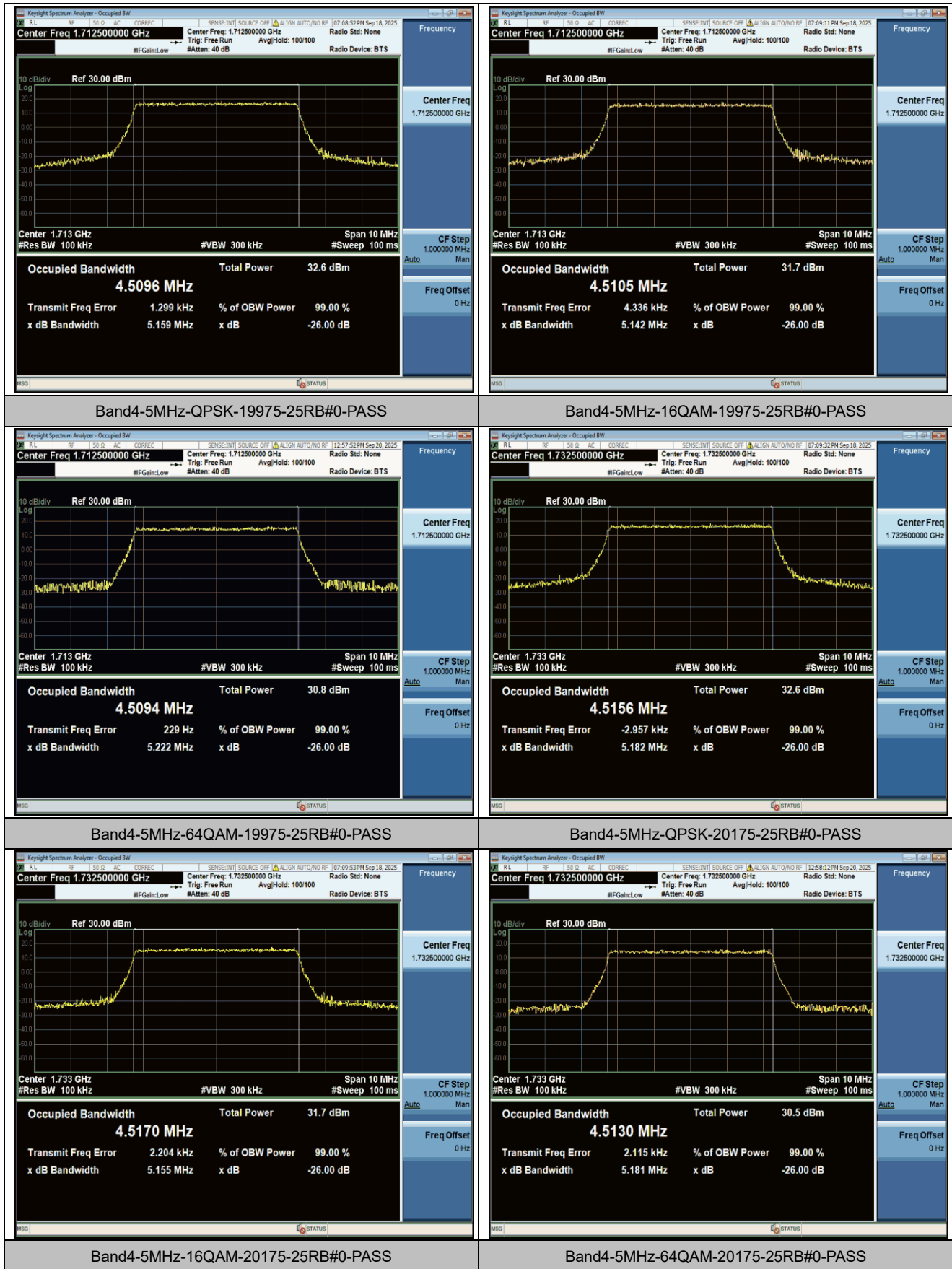
Band4-3MHz-QPSK-20385-15RB#0-PASS

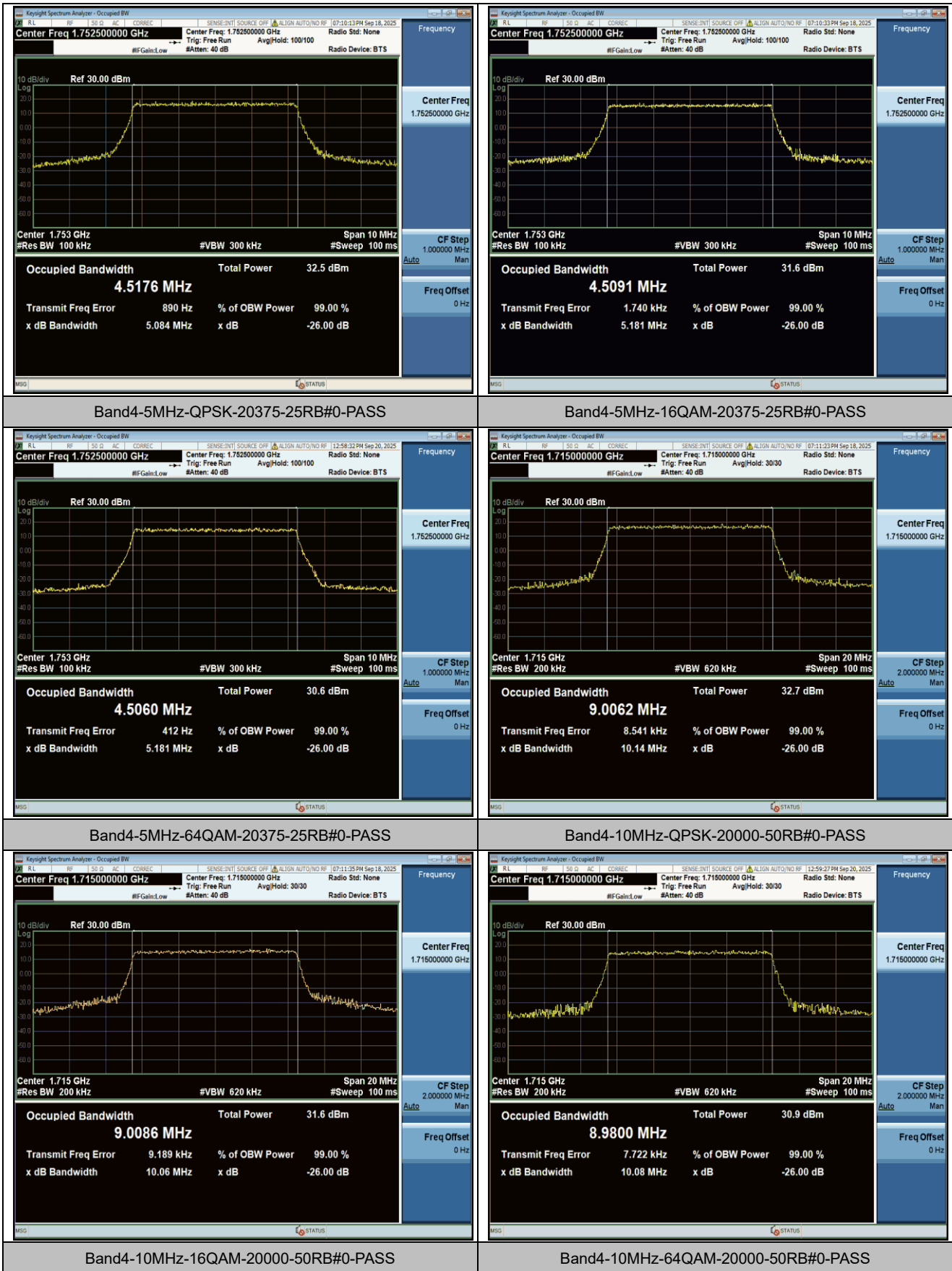


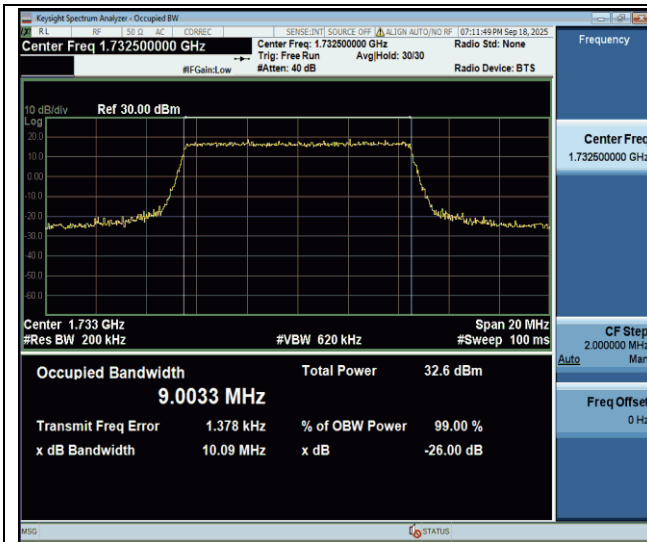
Band4-3MHz-16QAM-20385-15RB#0-PASS



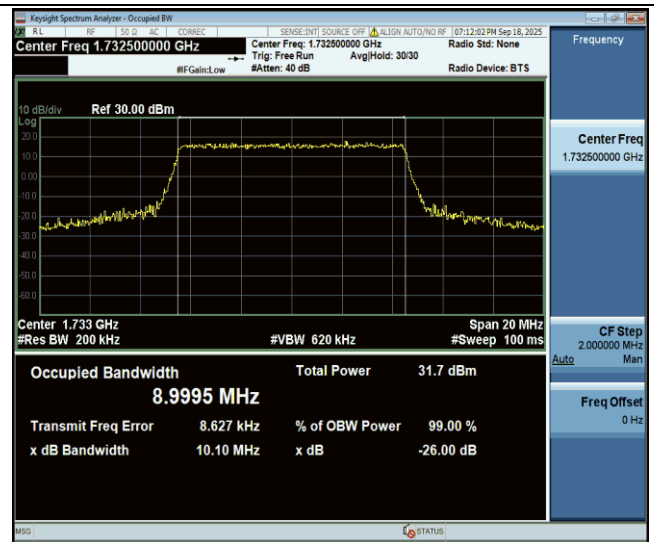
Band4-3MHz-64QAM-20385-15RB#0-PASS



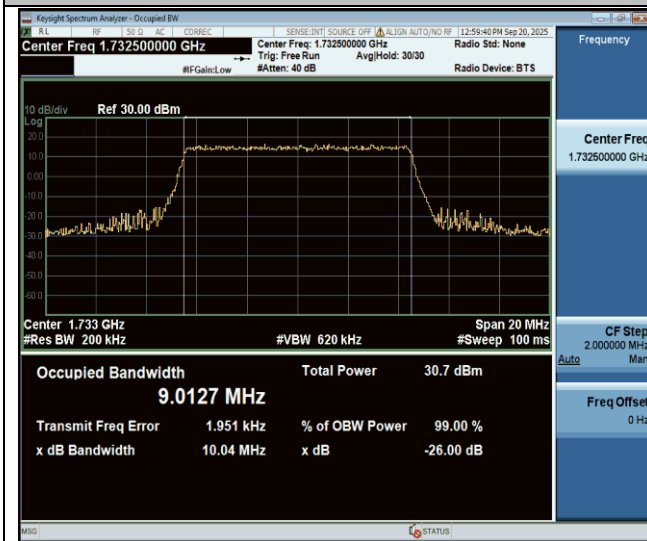




Band4-10MHz-QPSK-20175-50RB#0-PASS



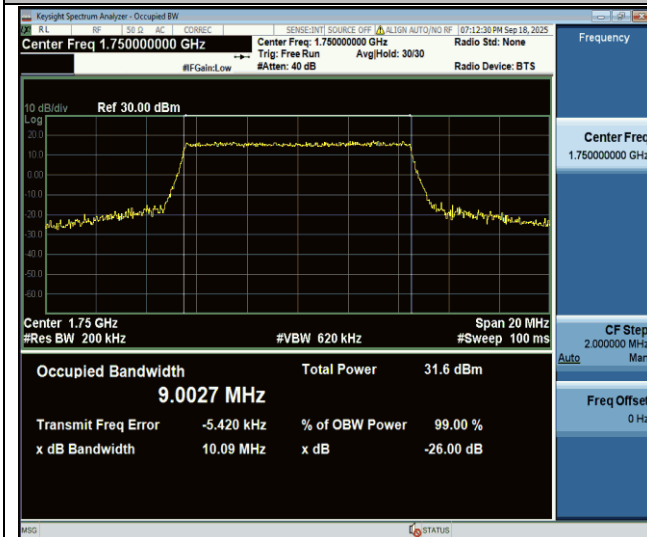
Band4-10MHz-16QAM-20175-50RB#0-PASS



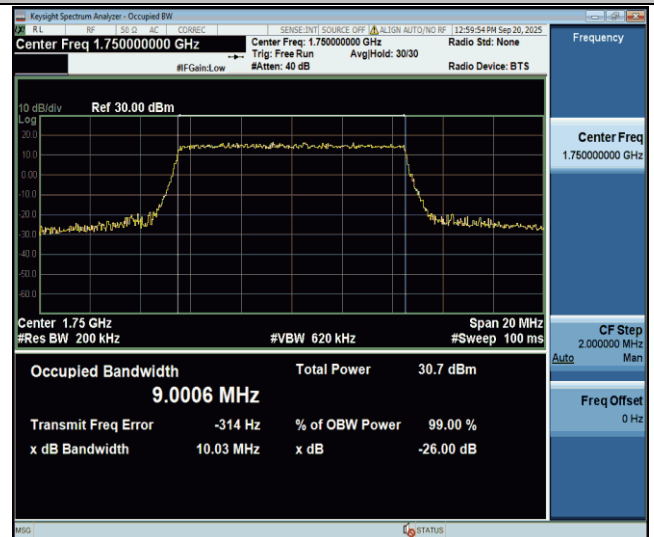
Band4-10MHz-64QAM-20175-50RB#0-PASS



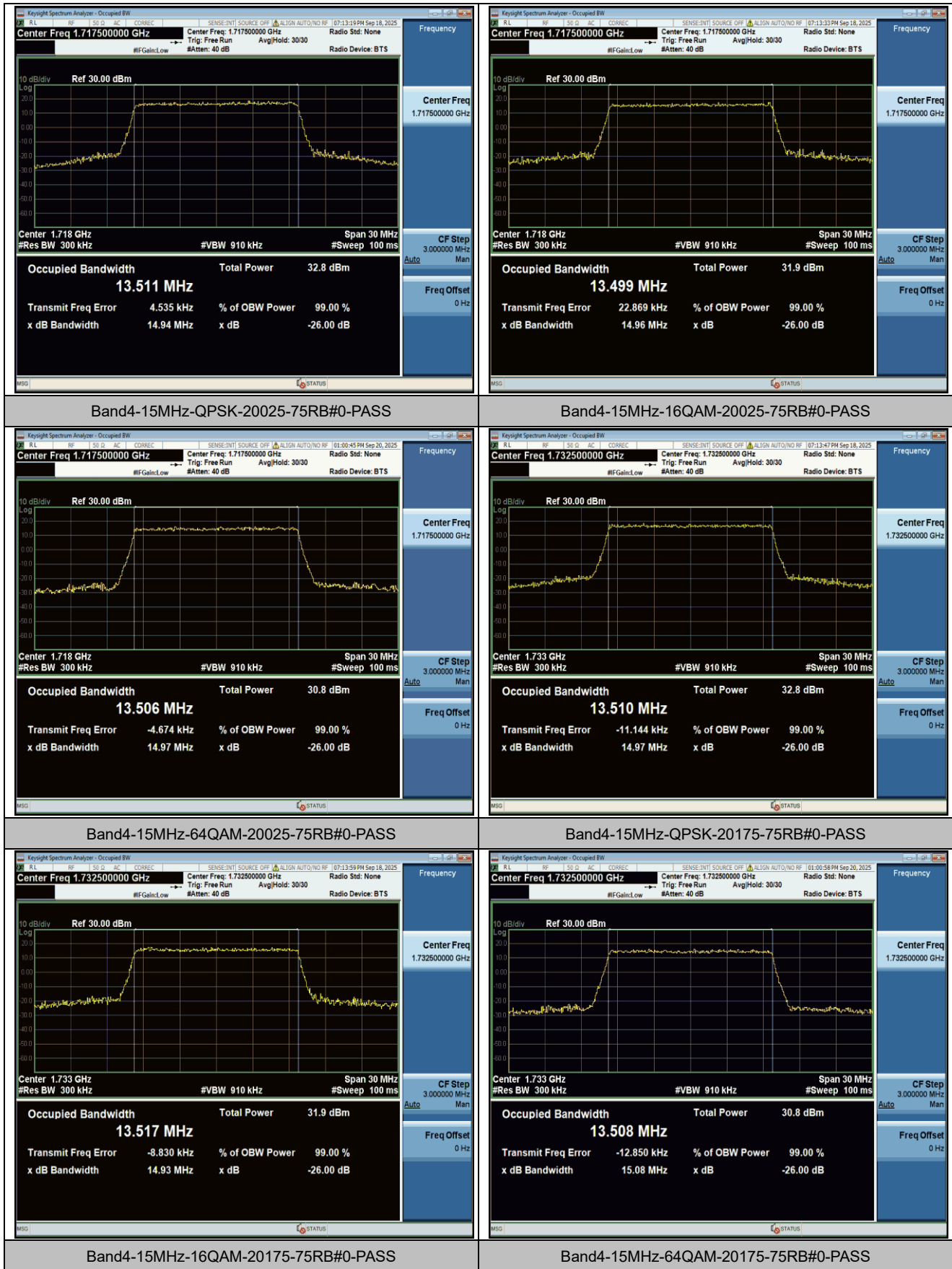
Band4-10MHz-QPSK-20350-50RB#0-PASS

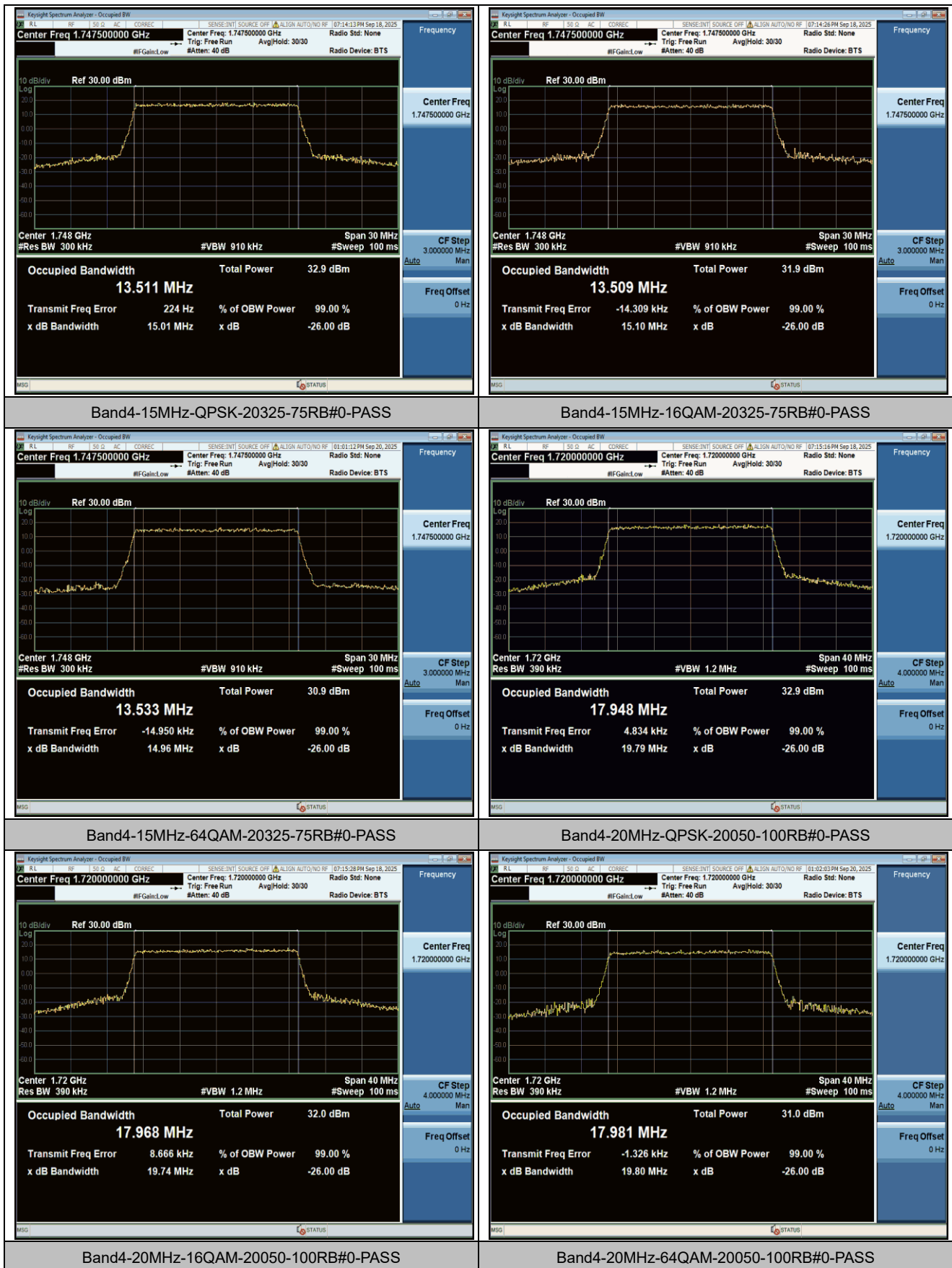


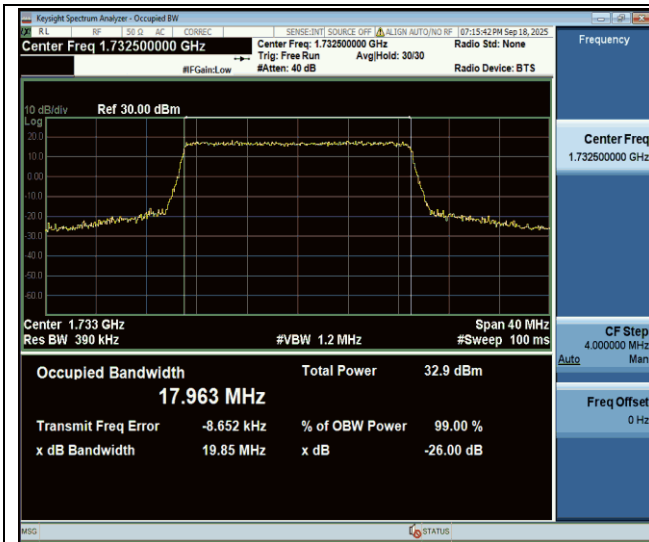
Band4-10MHz-16QAM-20350-50RB#0-PASS



Band4-10MHz-64QAM-20350-50RB#0-PASS







Band4-20MHz-QPSK-20175-100RB#0-PASS



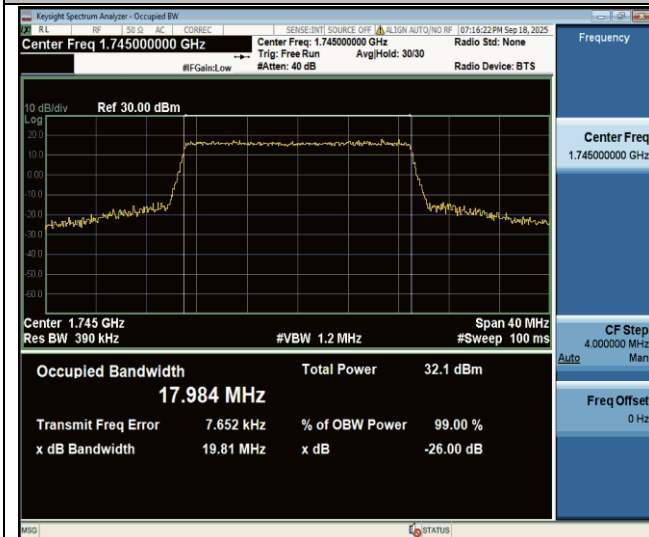
Band4-20MHz-16QAM-20175-100RB#0-PASS



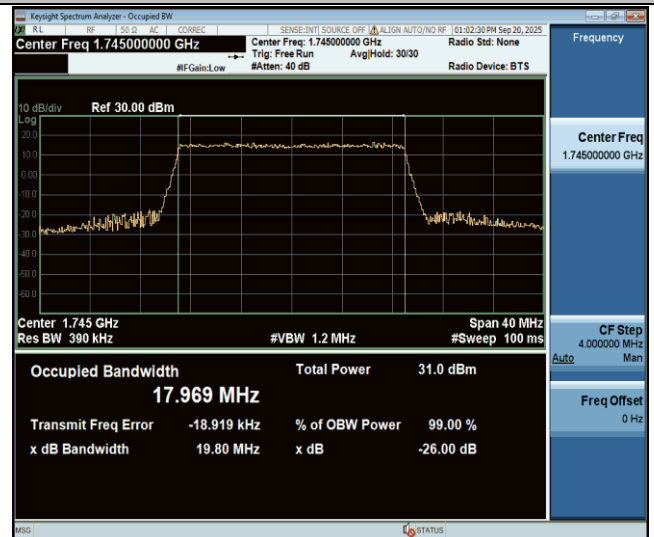
Band4-20MHz-64QAM-20175-100RB#0-PASS



Band4-20MHz-QPSK-20300-100RB#0-PASS



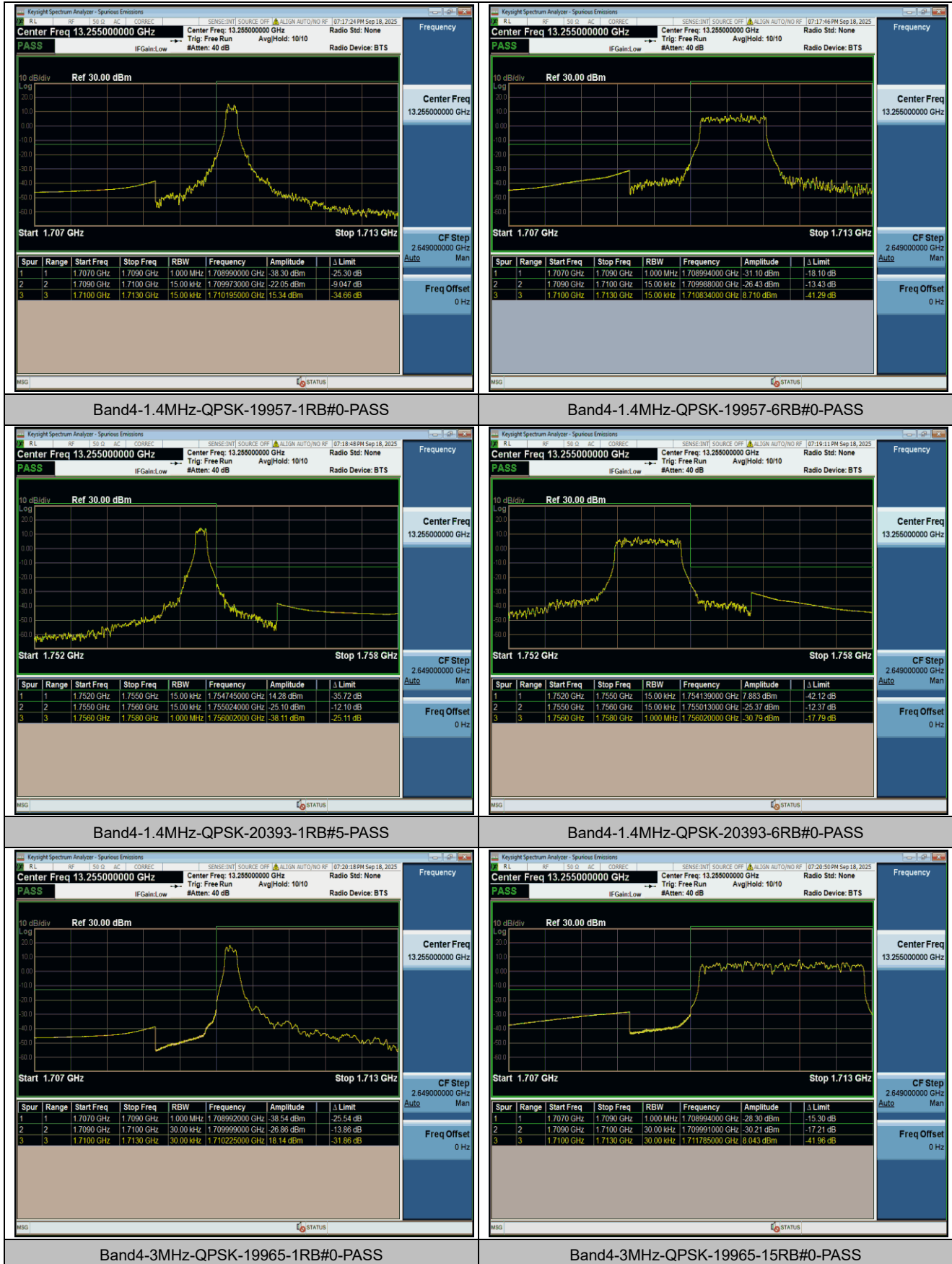
Band4-20MHz-16QAM-20300-100RB#0-PASS

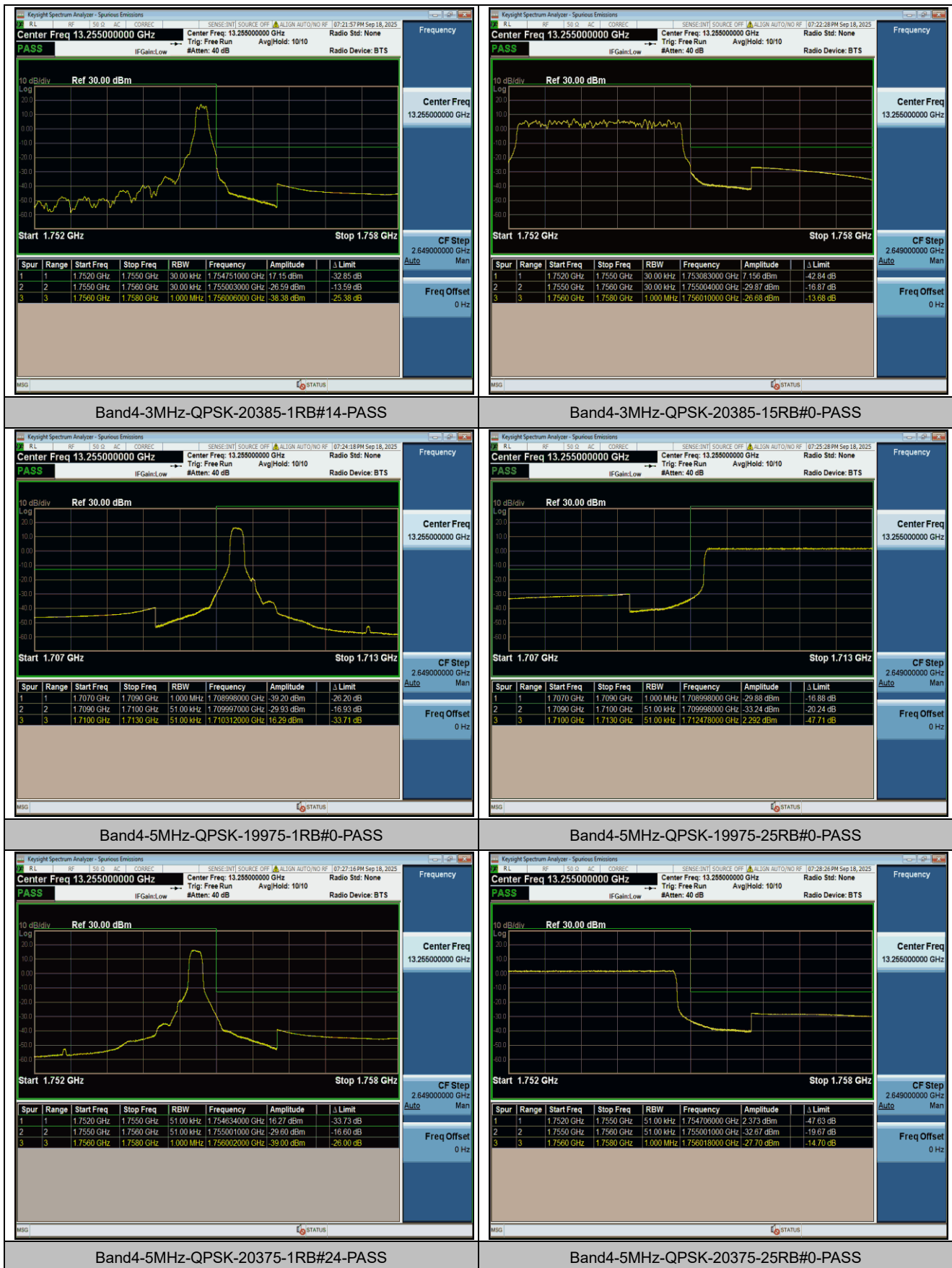


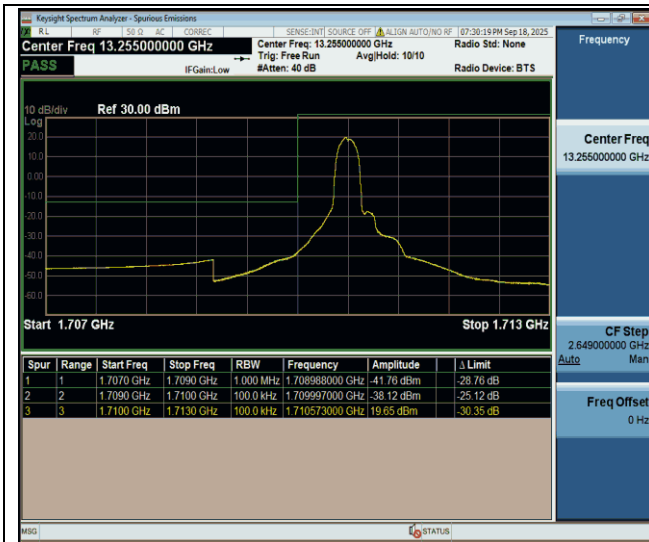
Band4-20MHz-64QAM-20300-100RB#0-PASS

Band Edge

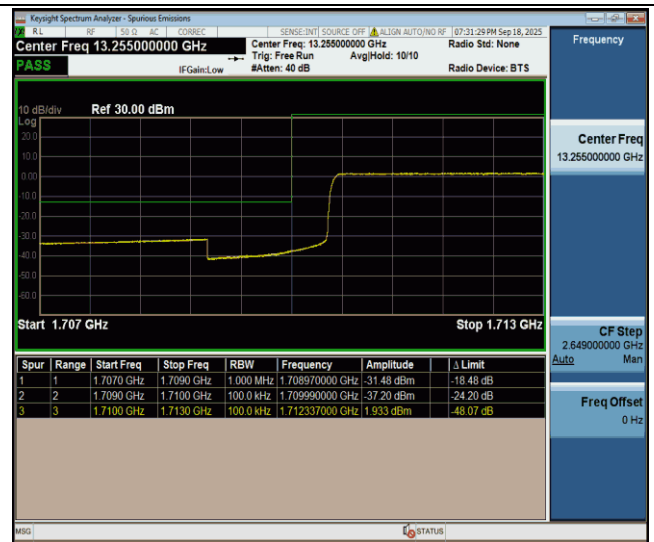
Test Graphs



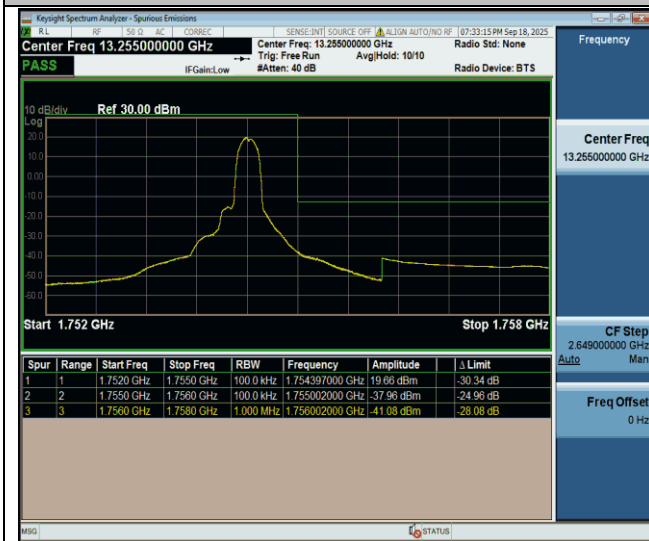




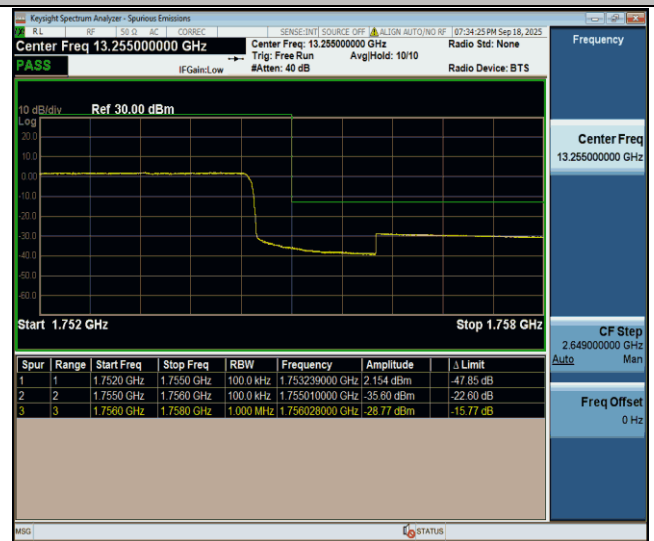
Band4-10MHz-QPSK-20000-1RB#0-PASS



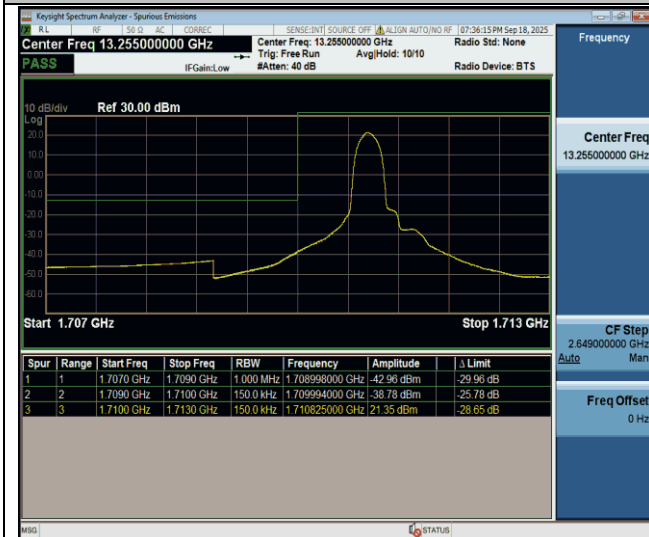
Band4-10MHz-QPSK-20000-50RB#0-PASS



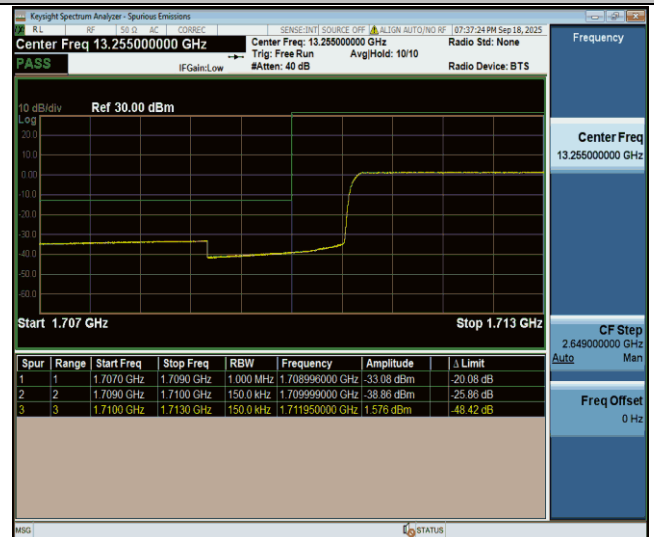
Band4-10MHz-QPSK-20350-1RB#49-PASS



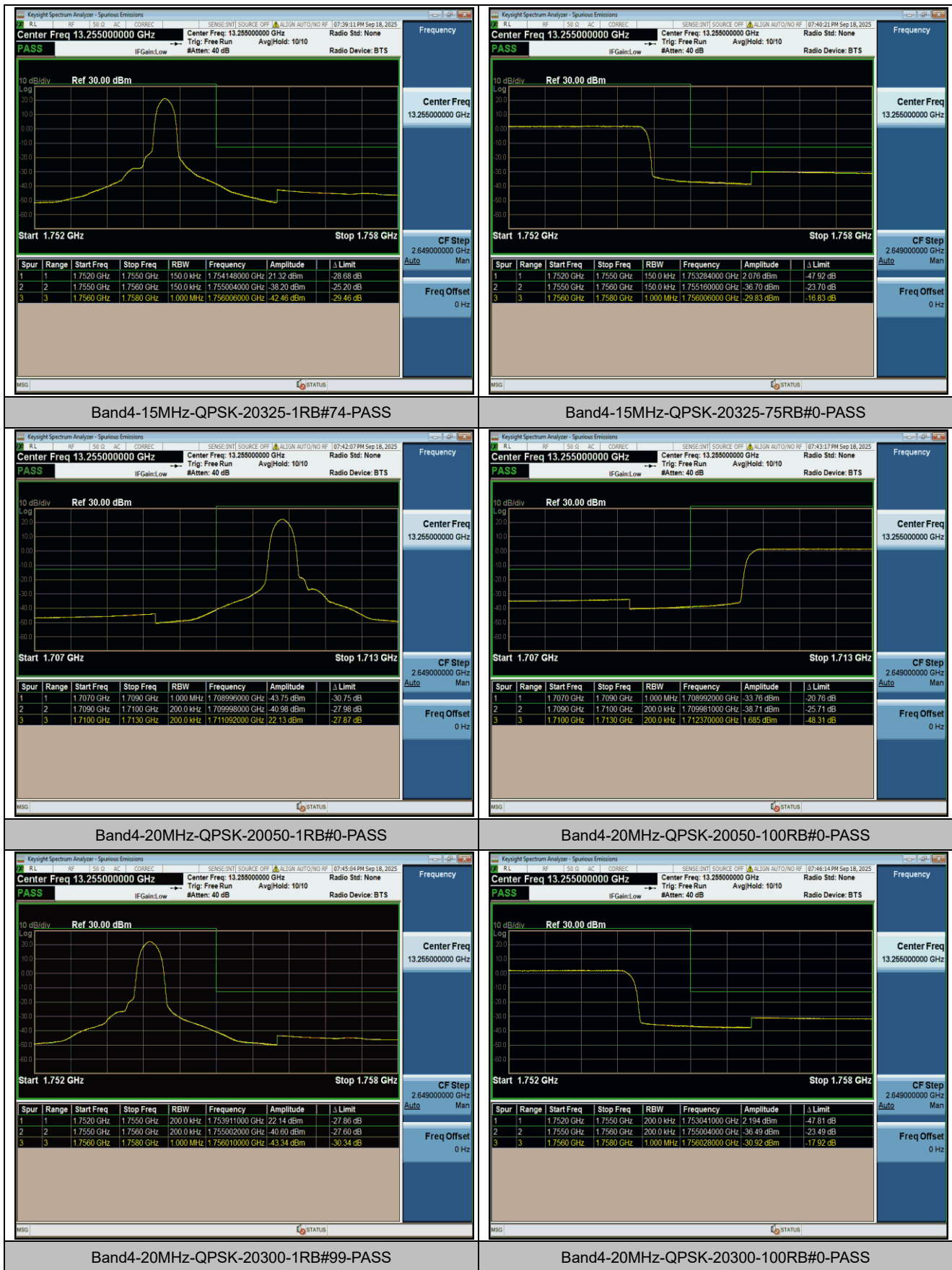
Band4-10MHz-QPSK-20350-50RB#0-PASS



Band4-15MHz-QPSK-20025-1RB#0-PASS

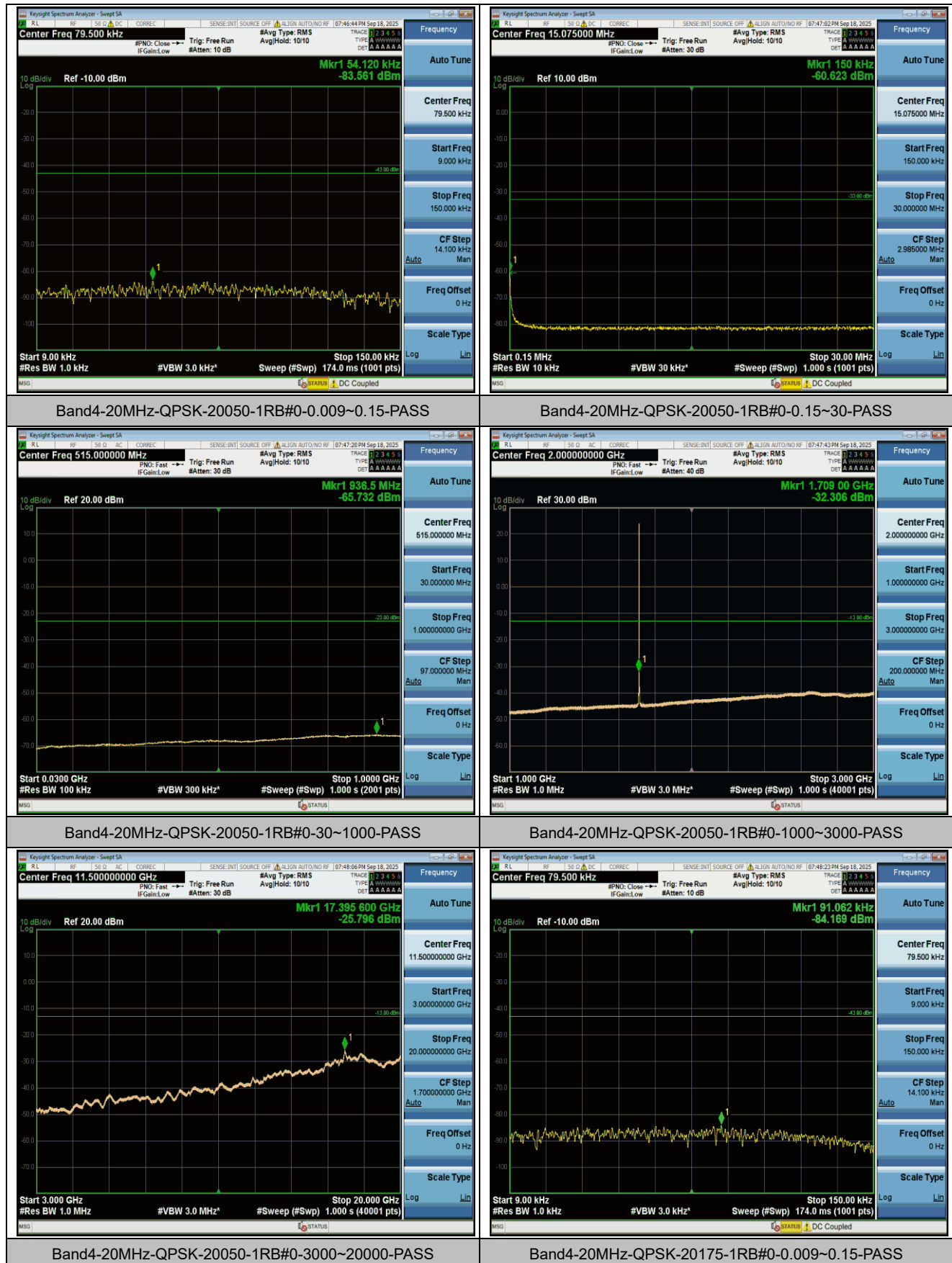


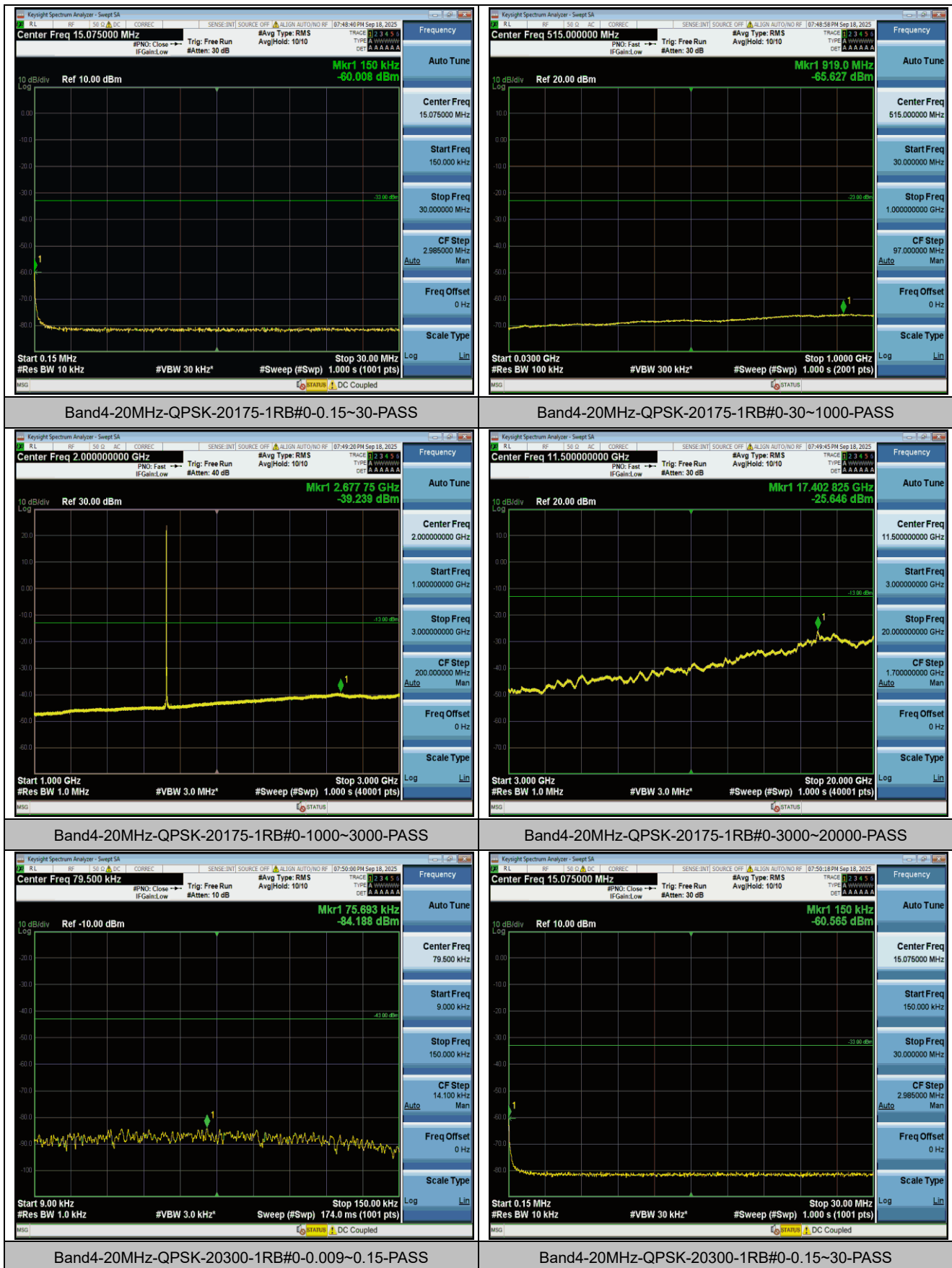
Band4-15MHz-QPSK-20025-75RB#0-PASS

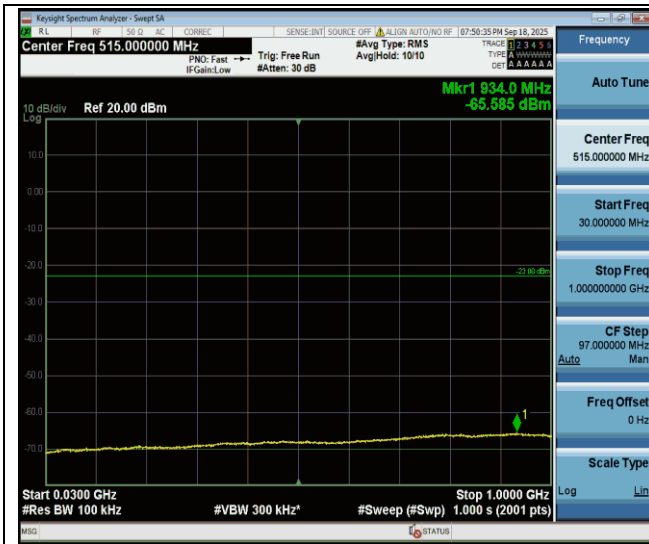


Conducted Spurious Emission

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	-3.60	-0.002078	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-2.00	-0.001154	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-1.70	-0.000981	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	-3.80	-0.002193	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-3.10	-0.001789	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	-2.70	-0.001558	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-3.00	-0.001732	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-2.80	-0.001616	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-2.40	-0.001385	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-3.70	-0.002136	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-5.00	-0.002886	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-3.20	-0.001847	PASS

~The End~