

FCC LTE Band Test Data

FCC ID : 2ATWZ-FRIGGAV5

Company: : Shanghai Dewav IoT Technology Co.,Ltd.

EUT : Frigga V5

Model Number : V5 PLUS

Reviewed By : Eric Wang

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.18	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.31	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.36	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.56	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.43	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.48	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.46	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.81	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.68	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.89	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.72	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.70	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.61	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.70	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.41	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.77	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.42	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.59	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.59	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.59	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.64	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.62	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.85	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.88	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.25	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.27	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.31	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.32	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.53	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.78	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.70	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.50	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.19	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.43	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.89	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.41	PASS

Band4	1.4MHz	16QAM	20393	1RB#2	22.78	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.60	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.10	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.20	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.20	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.64	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.18	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.19	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.35	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.37	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.37	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.30	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.34	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.50	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.47	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.76	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.75	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.76	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.72	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.80	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.46	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.36	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.39	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.43	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.45	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.67	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.51	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.75	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.28	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.13	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.44	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.44	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.21	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.24	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.11	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.67	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.17	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.67	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.55	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.87	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.80	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.29	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.36	PASS

Band4	3MHz	16QAM	20385	1RB#14	22.49	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.27	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.17	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.39	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.62	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.21	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.21	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.24	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.31	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.40	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.33	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.32	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.54	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.65	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.64	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.73	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.73	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.67	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.70	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.60	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.37	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.84	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.65	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.74	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.69	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.67	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.29	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.31	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.19	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.29	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.37	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.31	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.51	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.21	PASS
Band4	5MHz	16QAM	20175	1RB#12	23.13	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.70	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.81	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.81	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.63	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.69	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.81	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.48	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.75	PASS

Band4	5MHz	16QAM	20375	12RB#0	21.83	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.83	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.76	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.66	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.26	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.50	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.59	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.41	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.41	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.56	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.44	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.62	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.64	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.36	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.76	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.72	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.69	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.70	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.53	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.81	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.80	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.76	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.76	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.67	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.71	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.29	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.62	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.51	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.37	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.27	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.43	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.64	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.95	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.63	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.57	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.57	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.54	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.61	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.03	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.63	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.59	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.92	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.62	PASS

Band4	15MHz	QPSK	20025	1RB#0	23.19	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.62	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.91	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.59	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.58	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.58	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.56	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.71	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.71	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.66	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.74	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.74	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.73	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.71	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.60	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.67	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.71	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.71	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.70	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.69	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.68	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.32	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.54	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.59	PASS
Band4	15MHz	16QAM	20025	38RB#0	22.58	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.58	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.57	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.68	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.70	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.52	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.74	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.73	PASS
Band4	15MHz	16QAM	20175	38RB#37	22.73	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.68	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.82	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.67	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.71	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.69	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.69	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.30	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.80	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.84	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.36	PASS

Band4	20MHz	QPSK	20050	50RB#25	22.41	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.56	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.43	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.62	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.88	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.37	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.53	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.58	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.53	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.61	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.82	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.55	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.56	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.62	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.66	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.59	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.57	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.95	PASS
Band4	20MHz	16QAM	20050	1RB#49	23.56	PASS
Band4	20MHz	16QAM	20050	1RB#99	23.22	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.45	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.09	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.23	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.57	PASS
Band4	20MHz	16QAM	20300	1RB#49	23.01	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.34	PASS

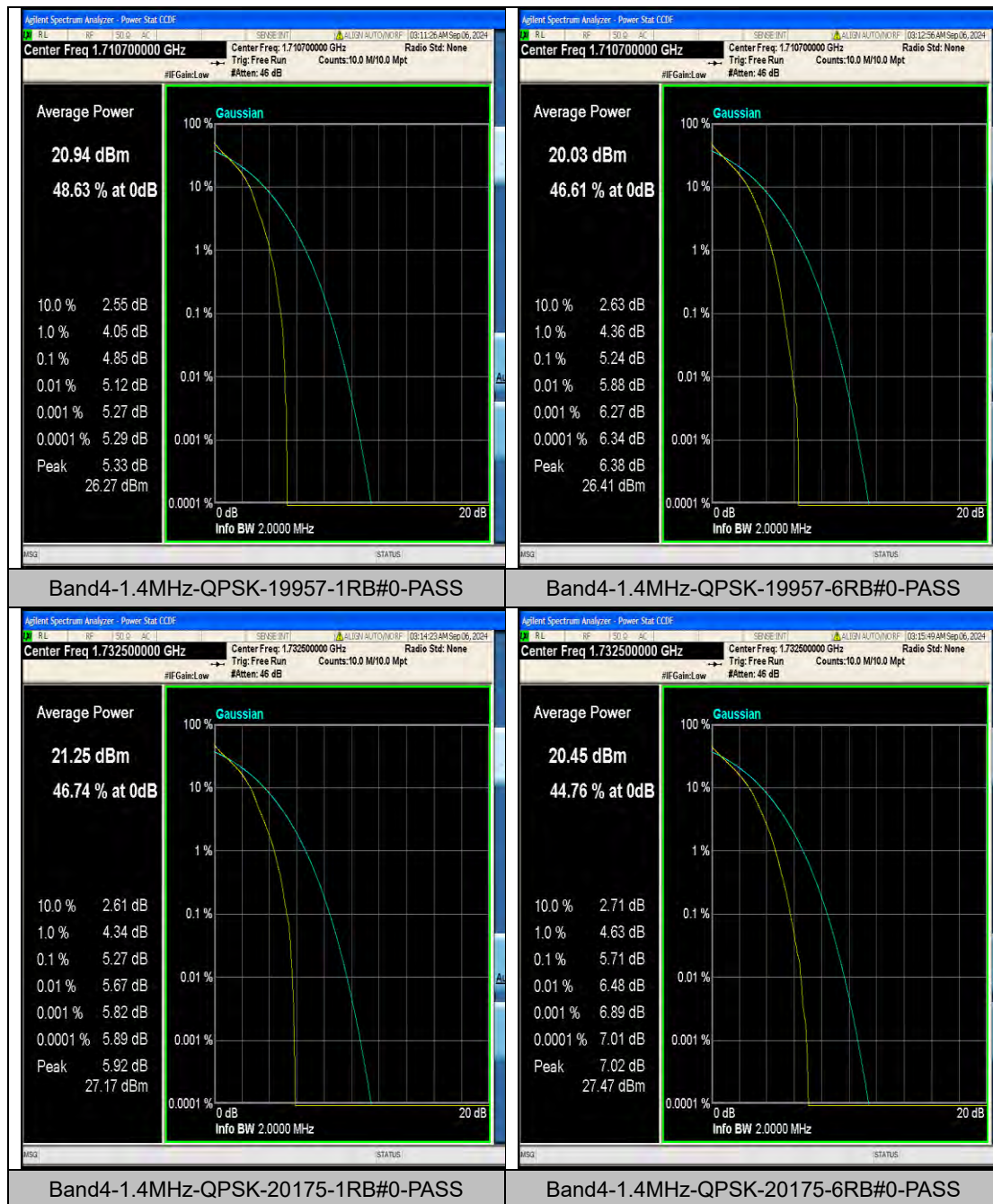
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

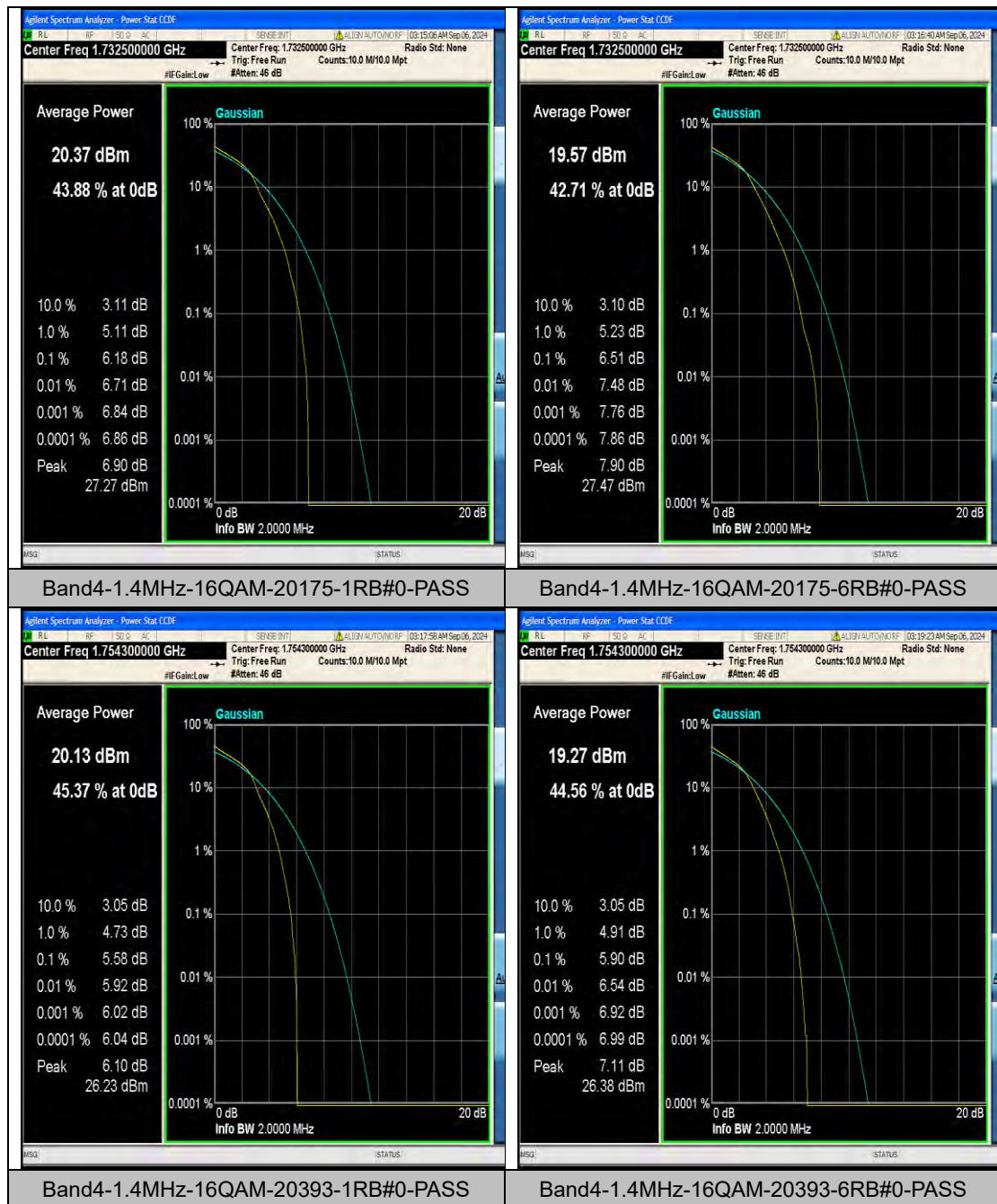
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	4.85	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.24	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	5.27	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.71	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	4.60	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.09	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.78	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.19	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	6.18	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.51	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	5.58	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.90	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.95	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.38	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	5.44	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.75	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	4.61	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.26	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.77	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.24	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	6.26	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.49	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	5.69	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.11	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.92	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.38	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	5.46	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.73	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.39	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.36	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.52	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.08	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	6.20	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.48	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.97	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.04	13	PASS

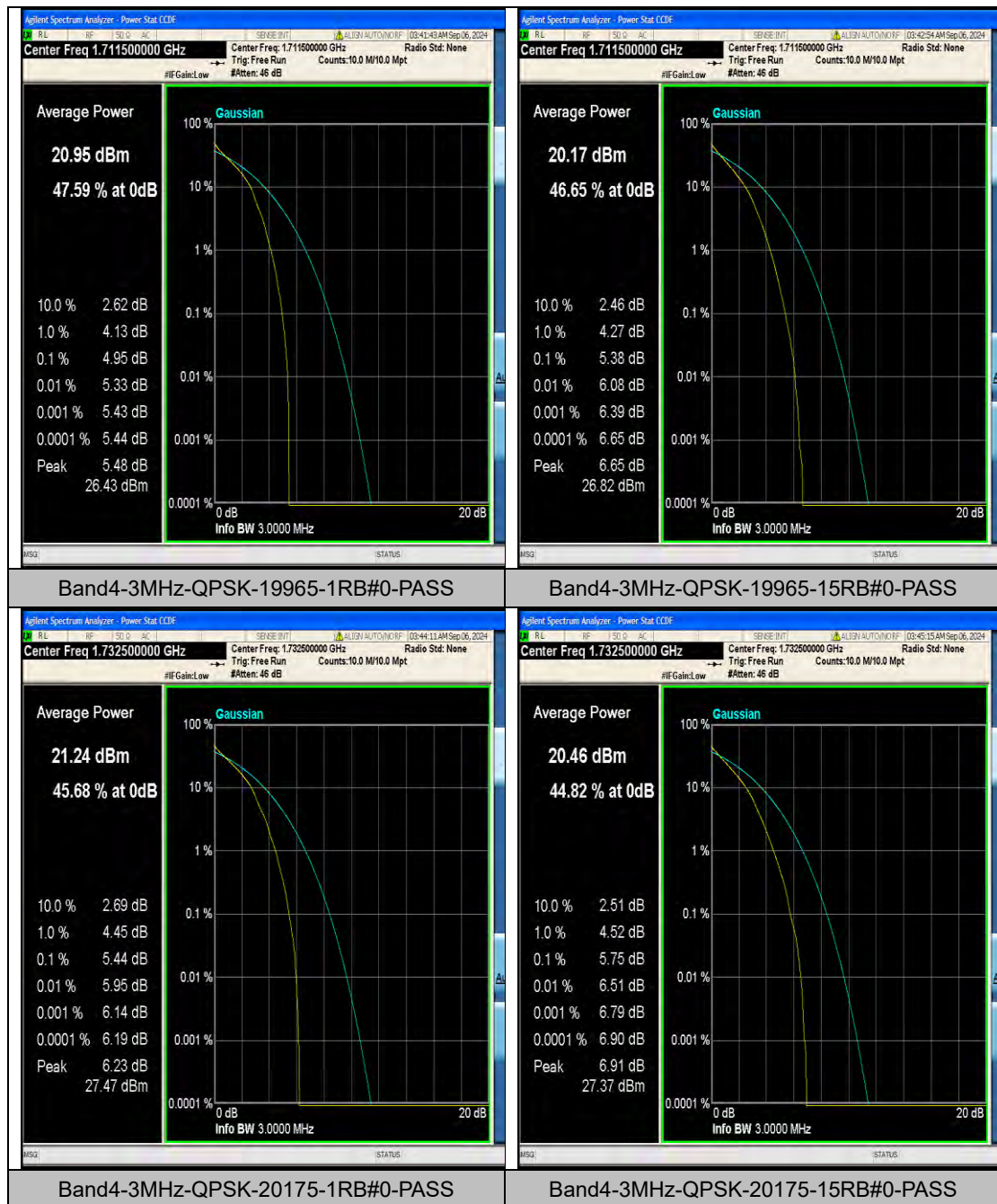
Band4	10MHz	QPSK	20000	1RB#0	4.86	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.29	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	5.47	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.65	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	4.41	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.24	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.77	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	6.33	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.30	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.78	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.54	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	5.41	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.89	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	4.63	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.45	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.77	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	6.32	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	5.52	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	4.75	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.35	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	5.11	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.54	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.91	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.20	13	PASS

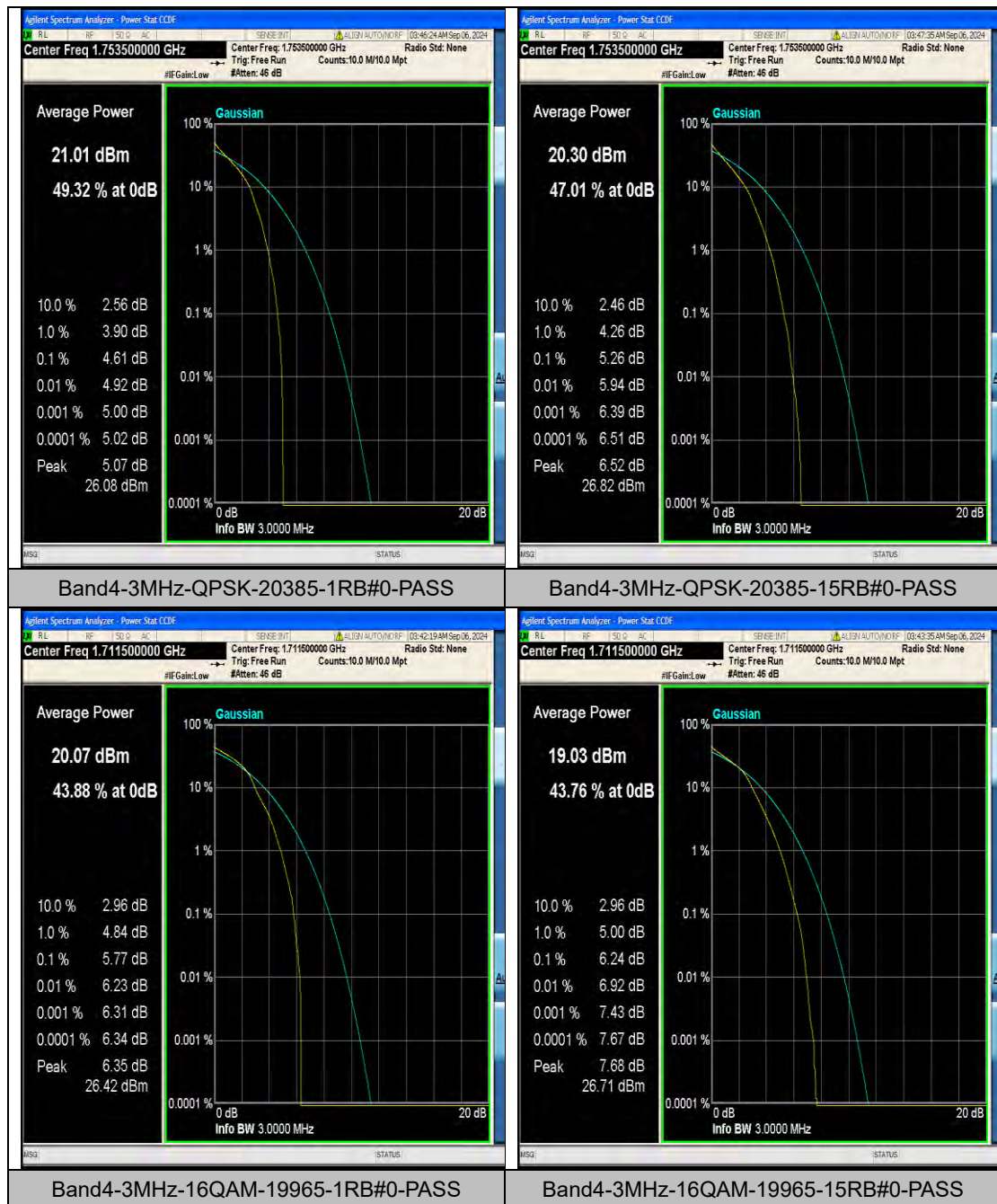
Test Graphs

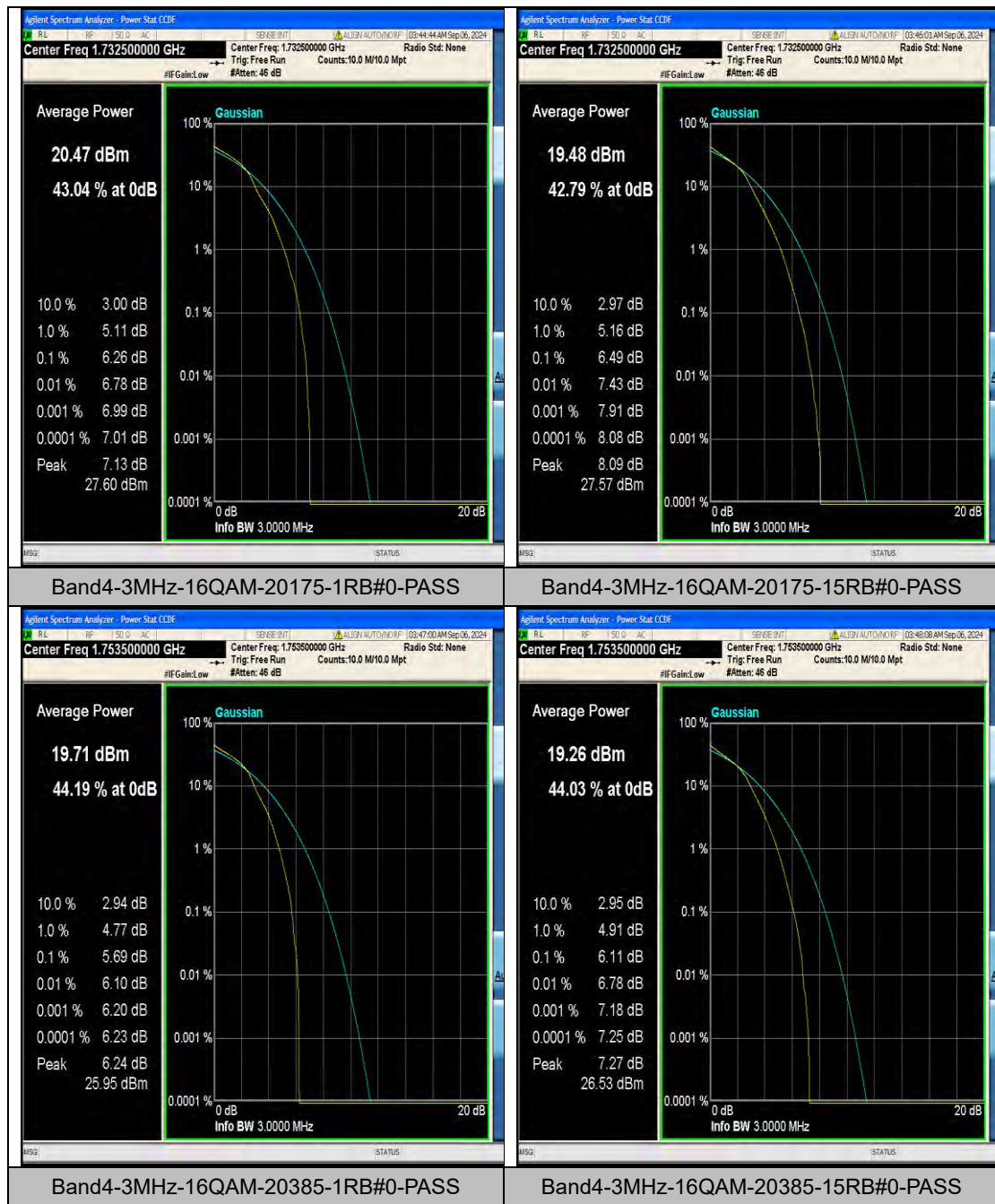




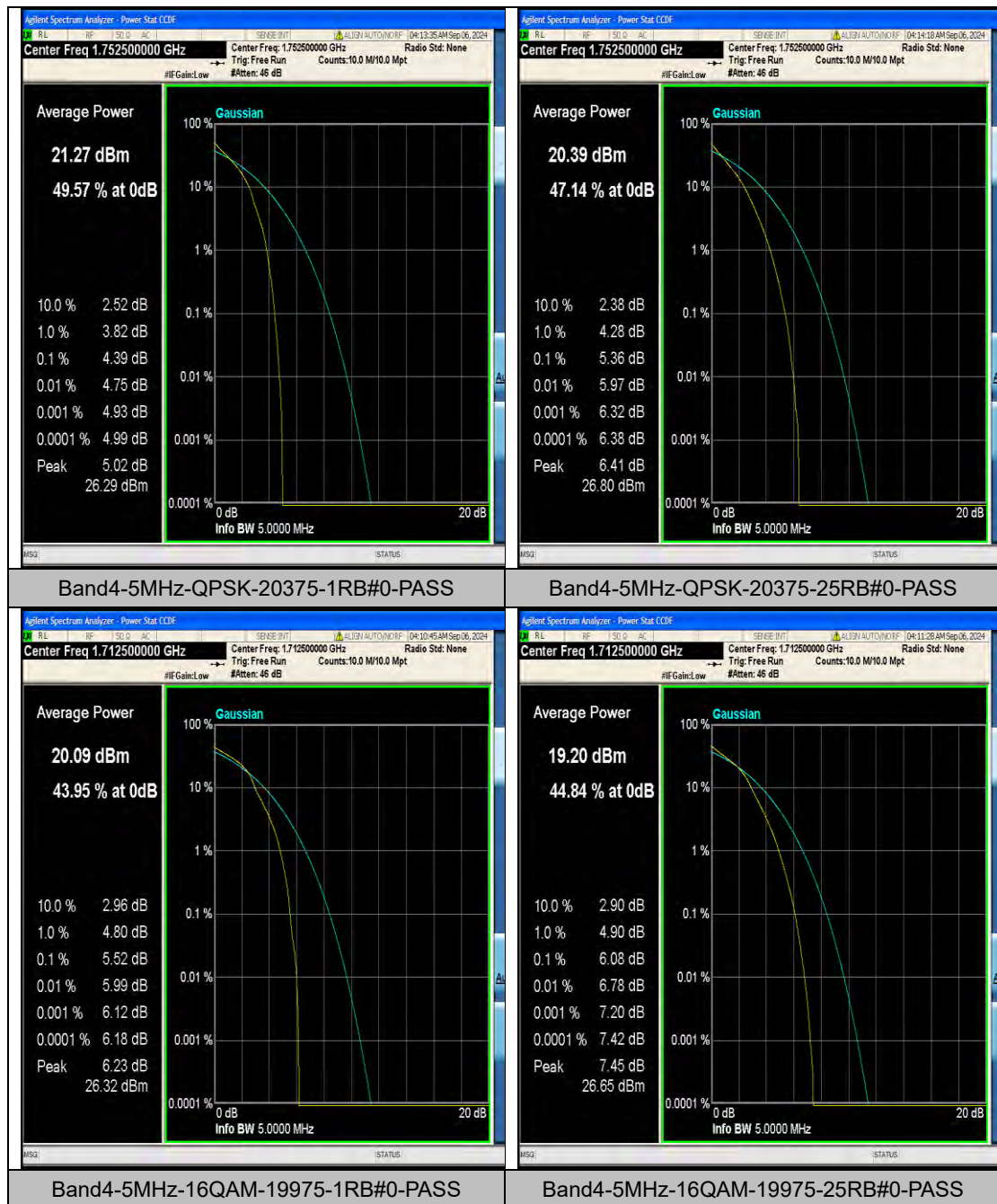




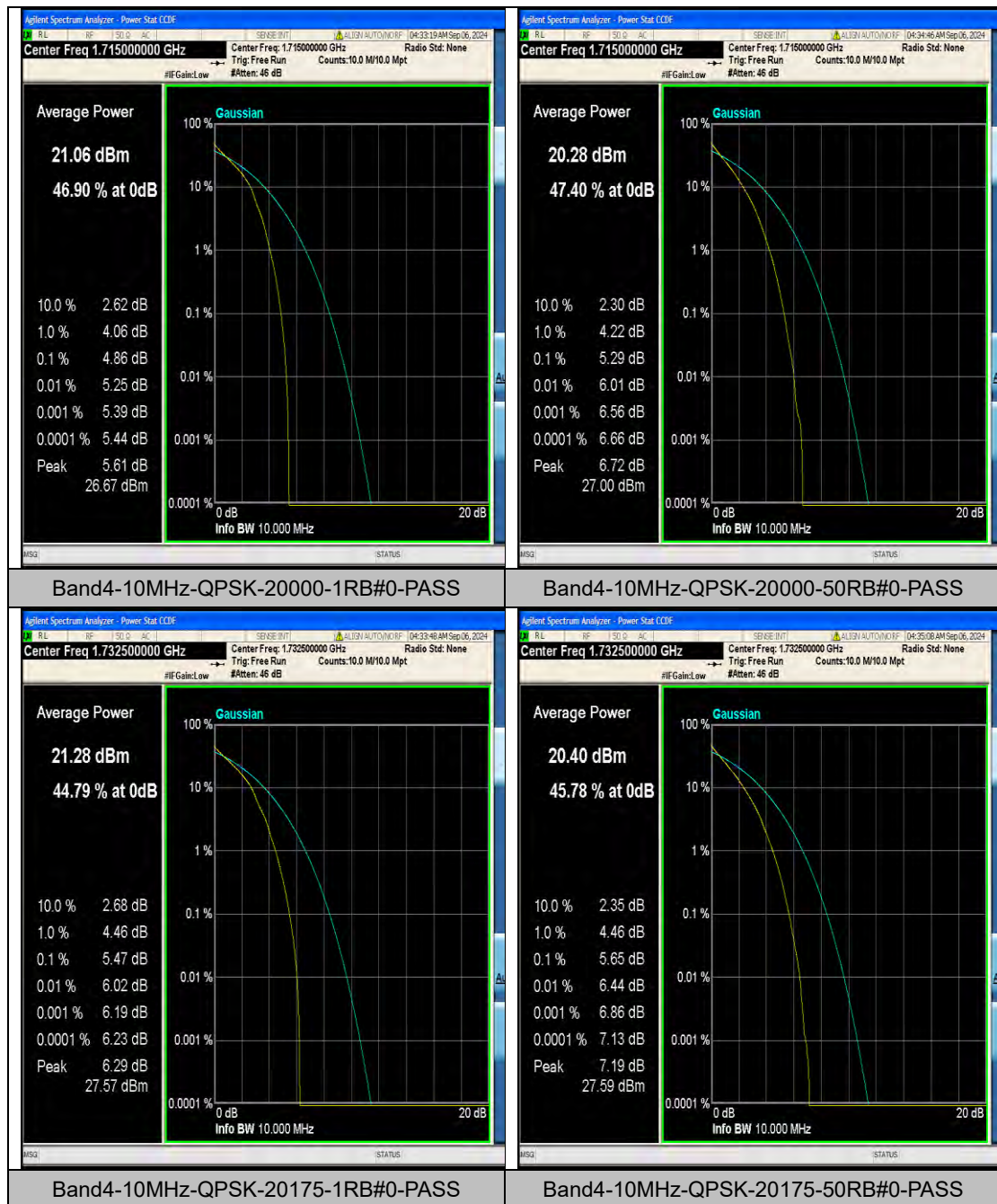


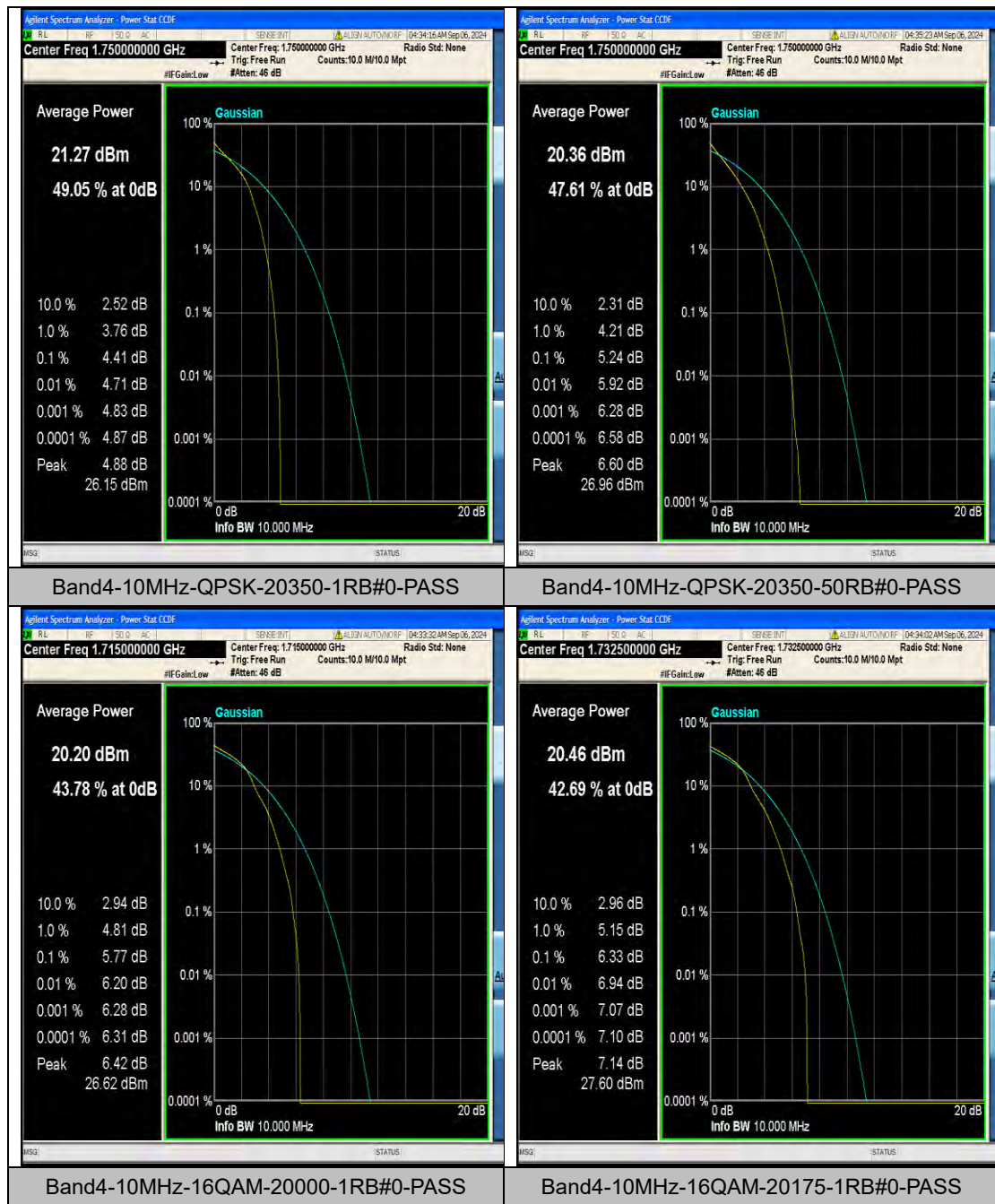




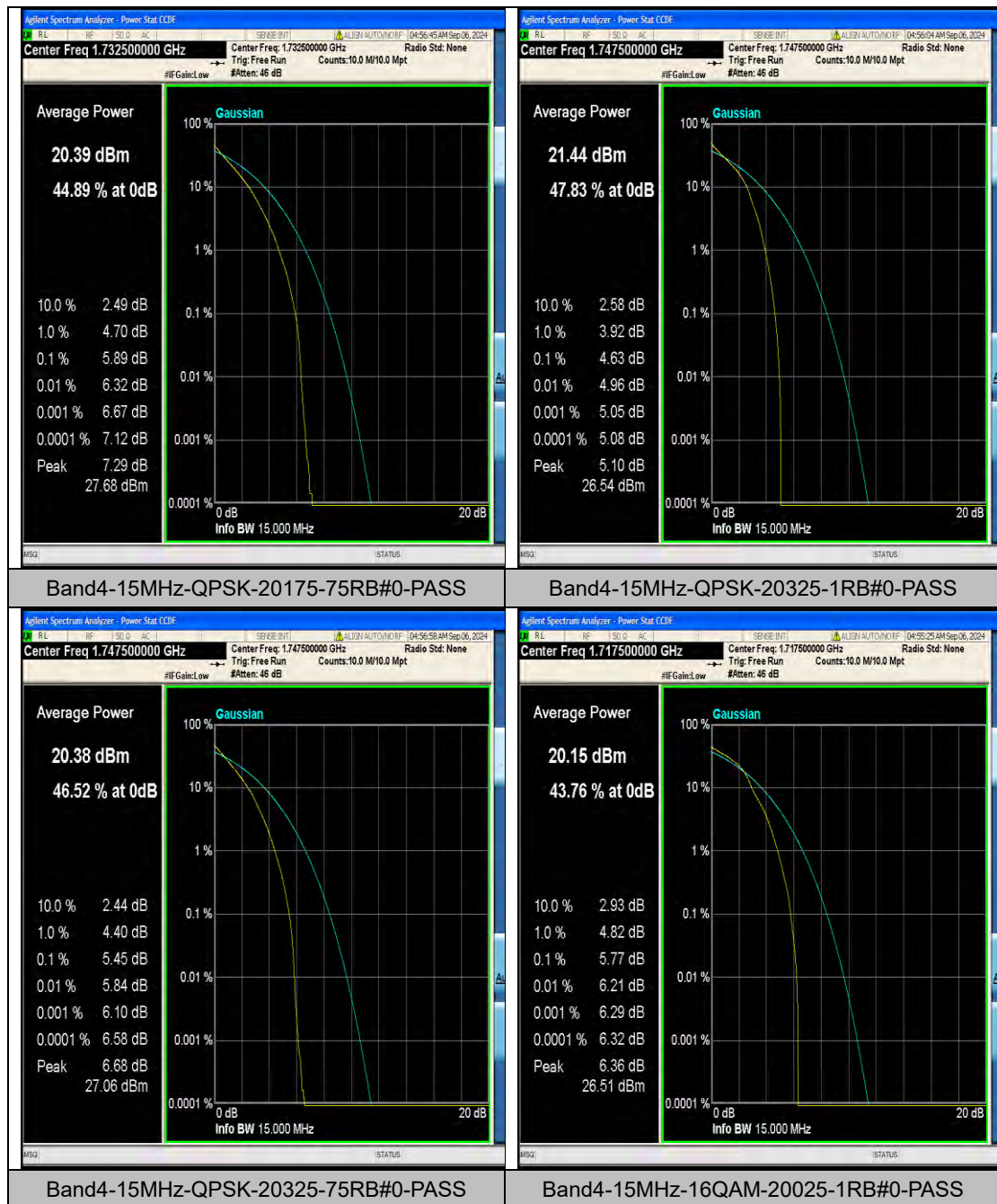
















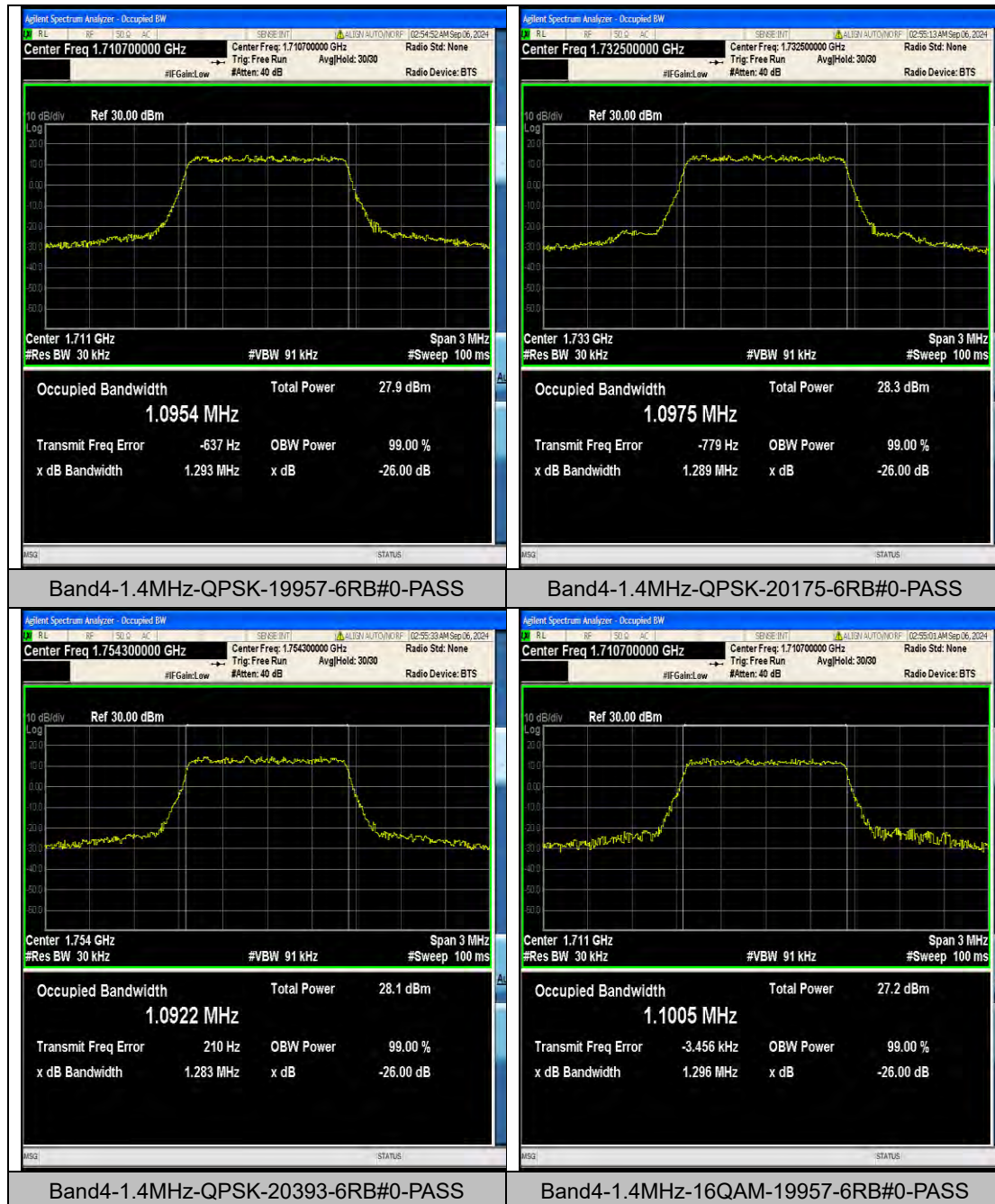
Appendix C: 26dB Bandwidth and Occupied Bandwidth

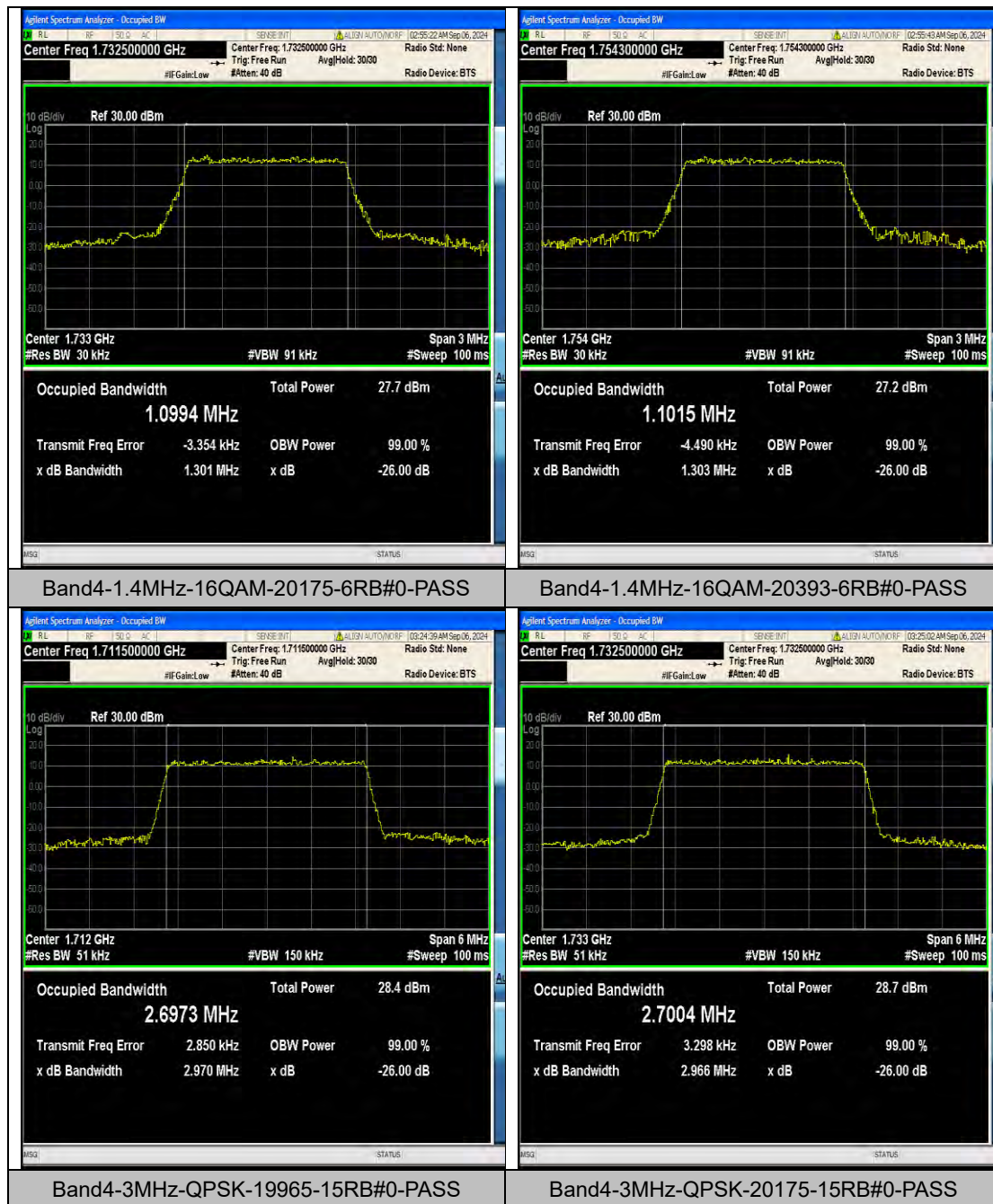
Test Result

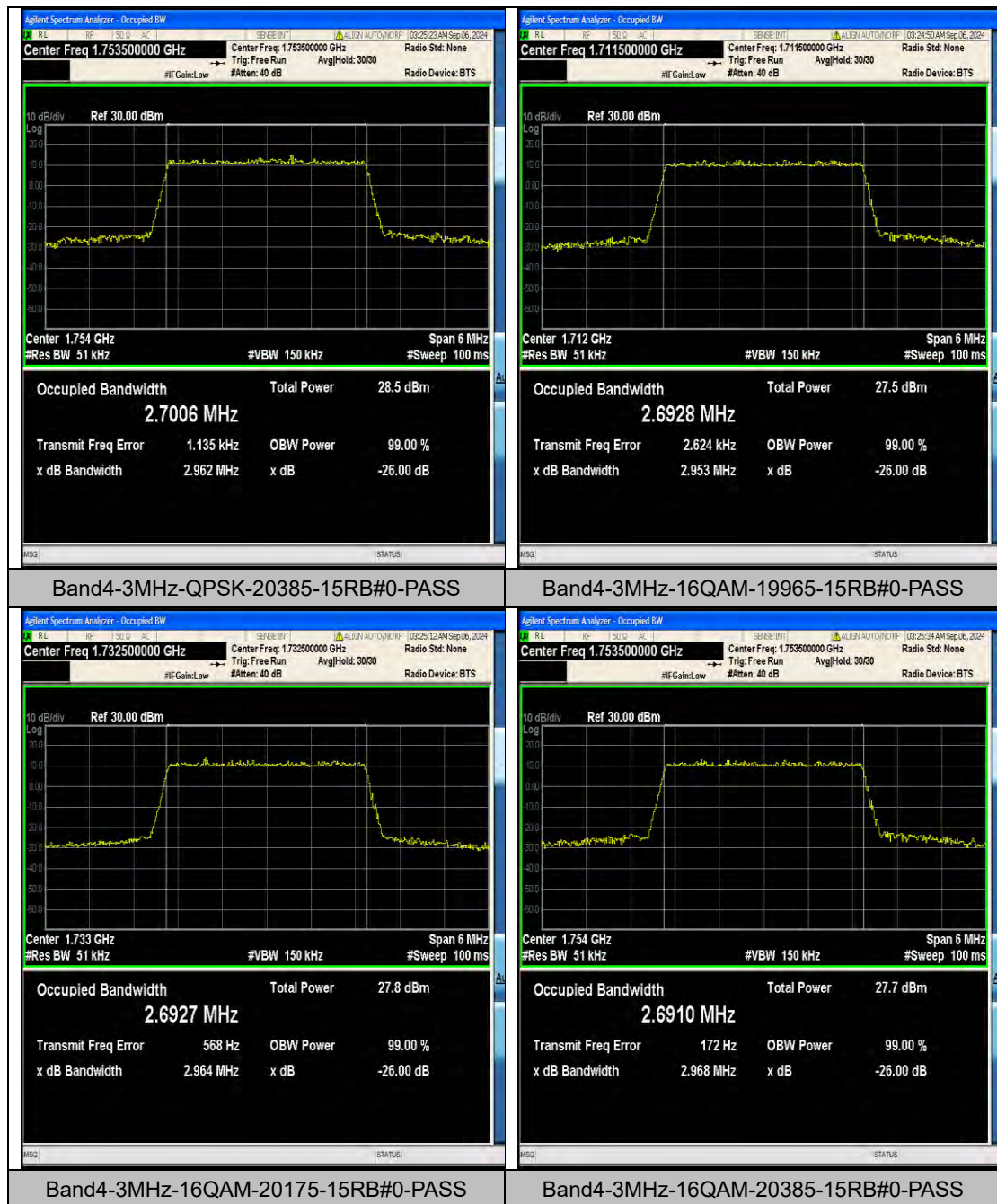
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0954	1.293	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0975	1.289	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0922	1.283	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1005	1.296	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0994	1.301	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1015	1.303	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6973	2.970	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7004	2.966	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7006	2.962	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6928	2.953	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6927	2.964	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6910	2.968	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5031	5.003	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5121	5.029	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5040	5.014	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4988	4.971	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4953	4.967	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4991	4.962	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9679	9.898	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9774	9.912	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9711	9.957	PASS
Band4	10MHz	16QAM	20000	27RB#0	4.9799	5.775	PASS
Band4	10MHz	16QAM	20175	27RB#0	4.9900	5.844	PASS
Band4	10MHz	16QAM	20350	27RB#0	4.9800	5.829	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.422	14.75	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.456	14.72	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.439	14.78	PASS
Band4	15MHz	16QAM	20025	27RB#0	5.0975	6.037	PASS
Band4	15MHz	16QAM	20175	27RB#0	5.0804	6.073	PASS
Band4	15MHz	16QAM	20325	27RB#0	5.0901	6.048	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.898	19.41	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.938	19.43	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.900	19.41	PASS
Band4	20MHz	16QAM	20050	27RB#0	5.2644	6.431	PASS

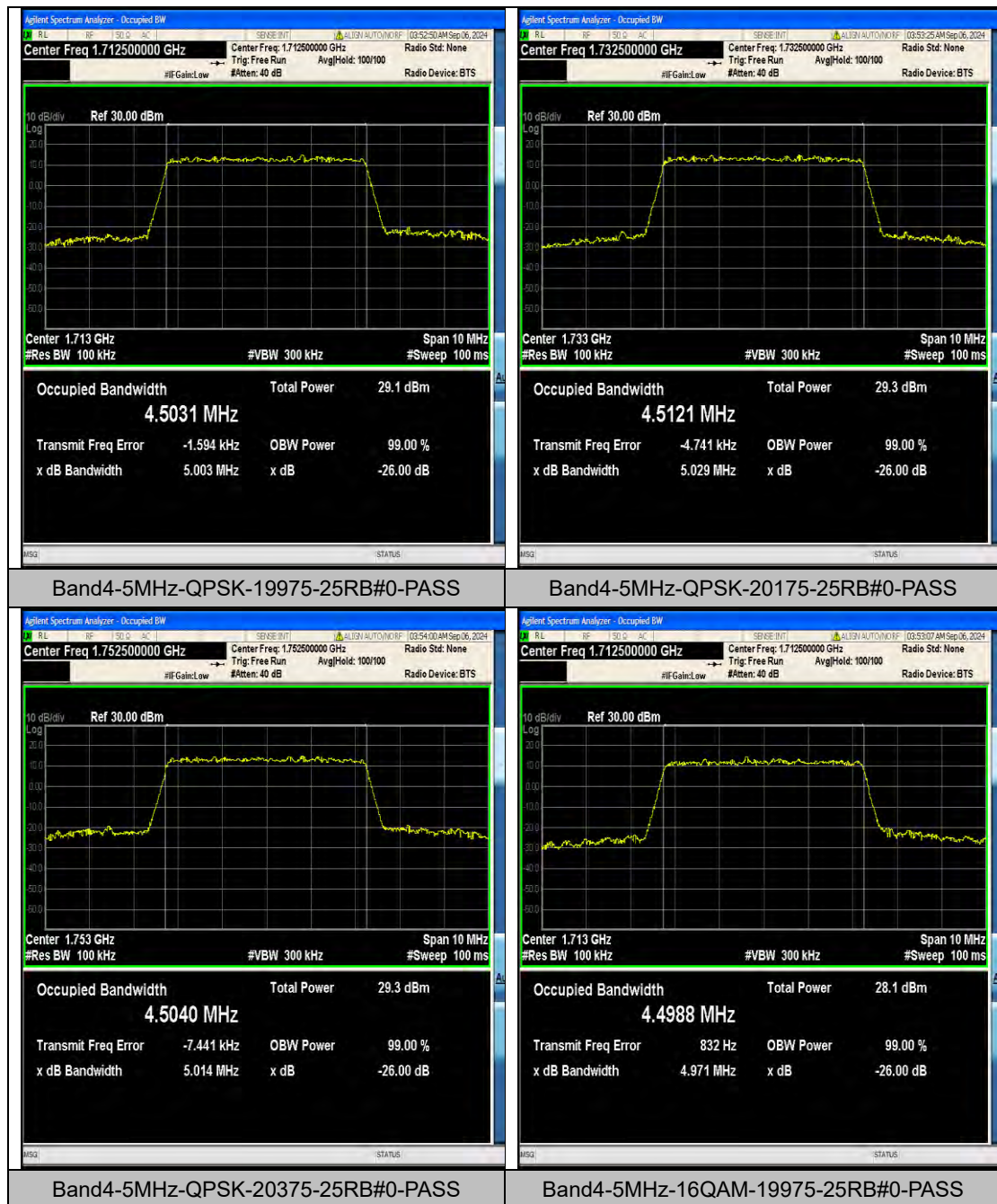
Band4	20MHz	16QAM	20175	27RB#0	5.2449	6.455	PASS
Band4	20MHz	16QAM	20300	27RB#0	5.2363	6.476	PASS

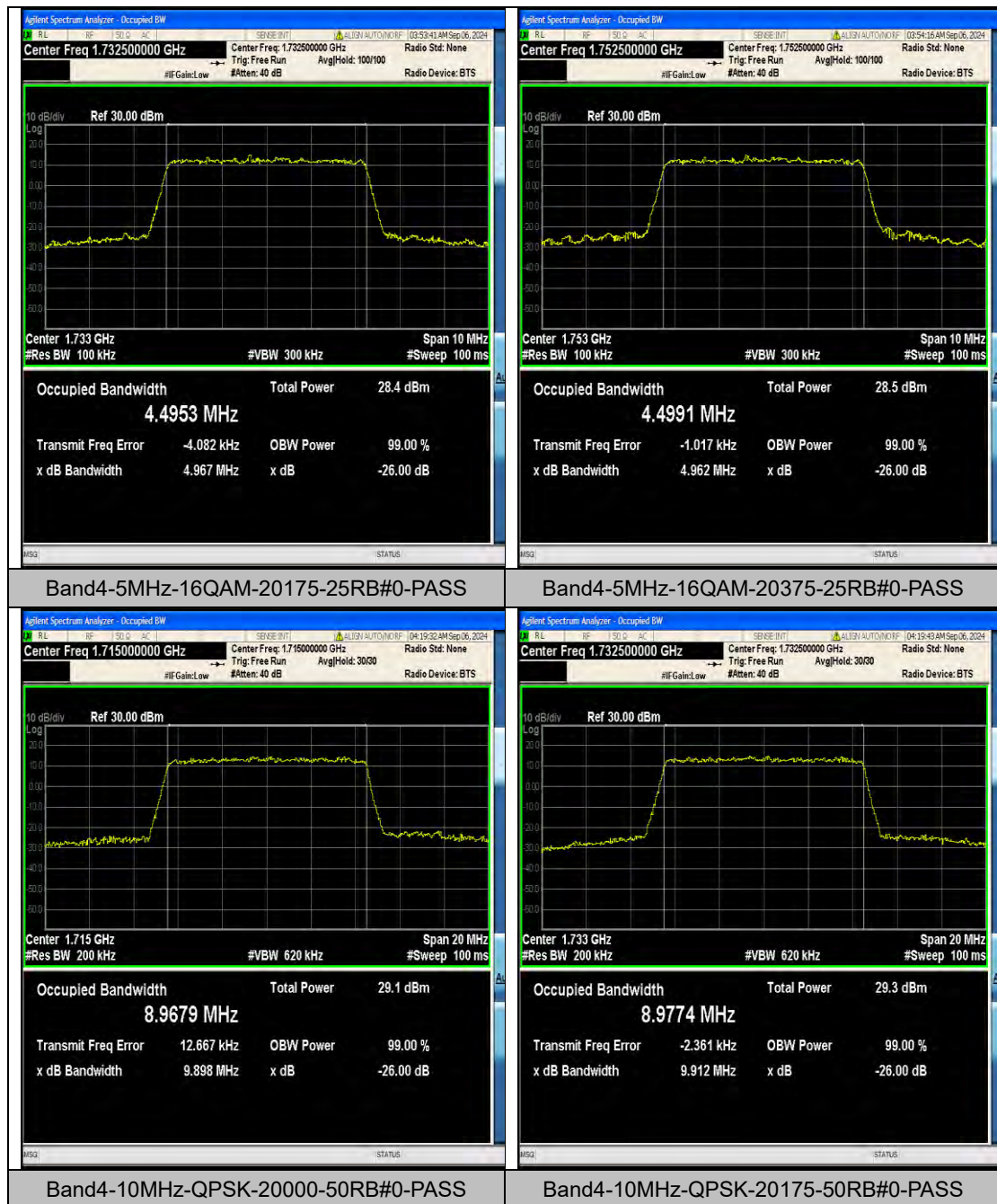
Test Graphs

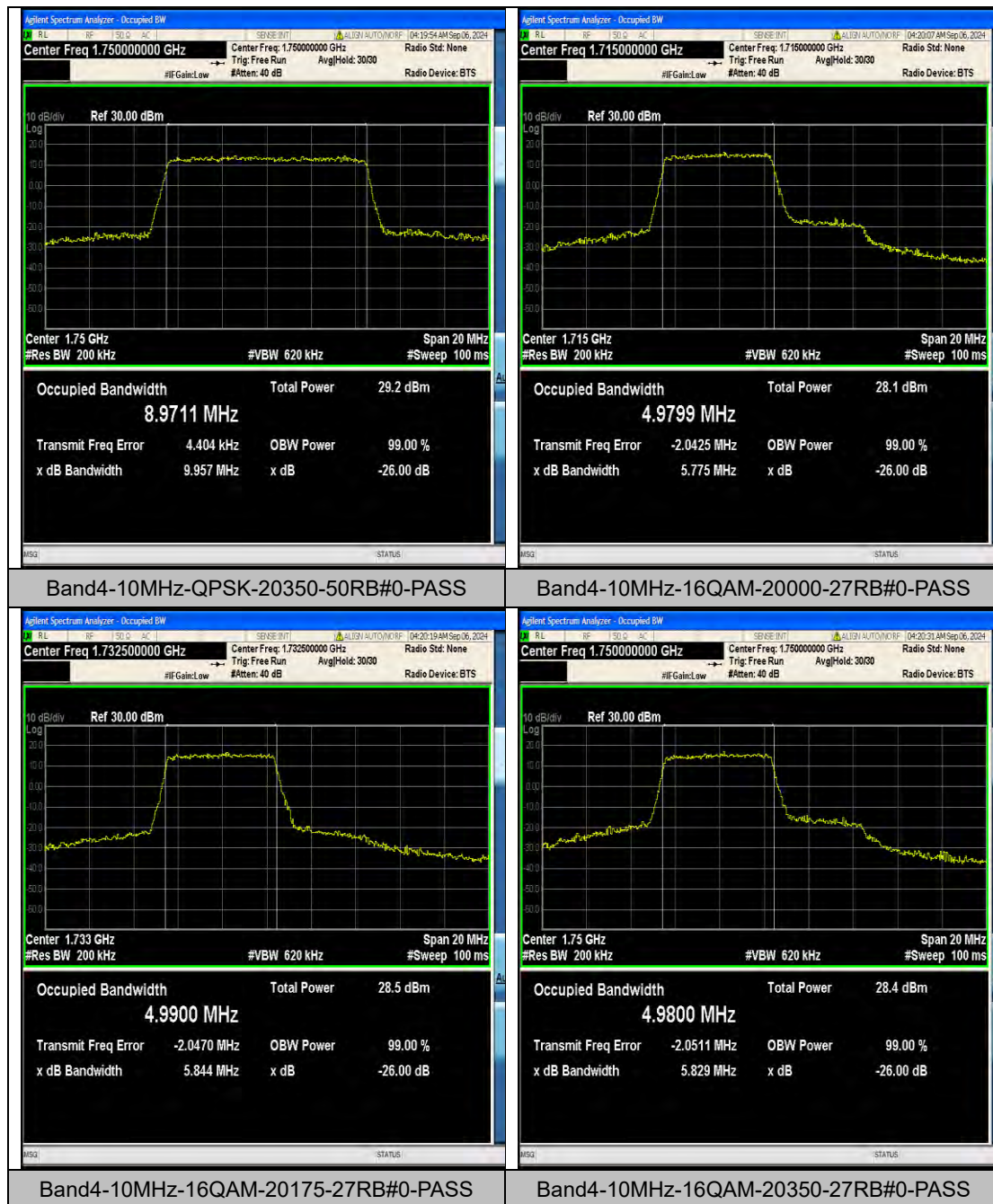


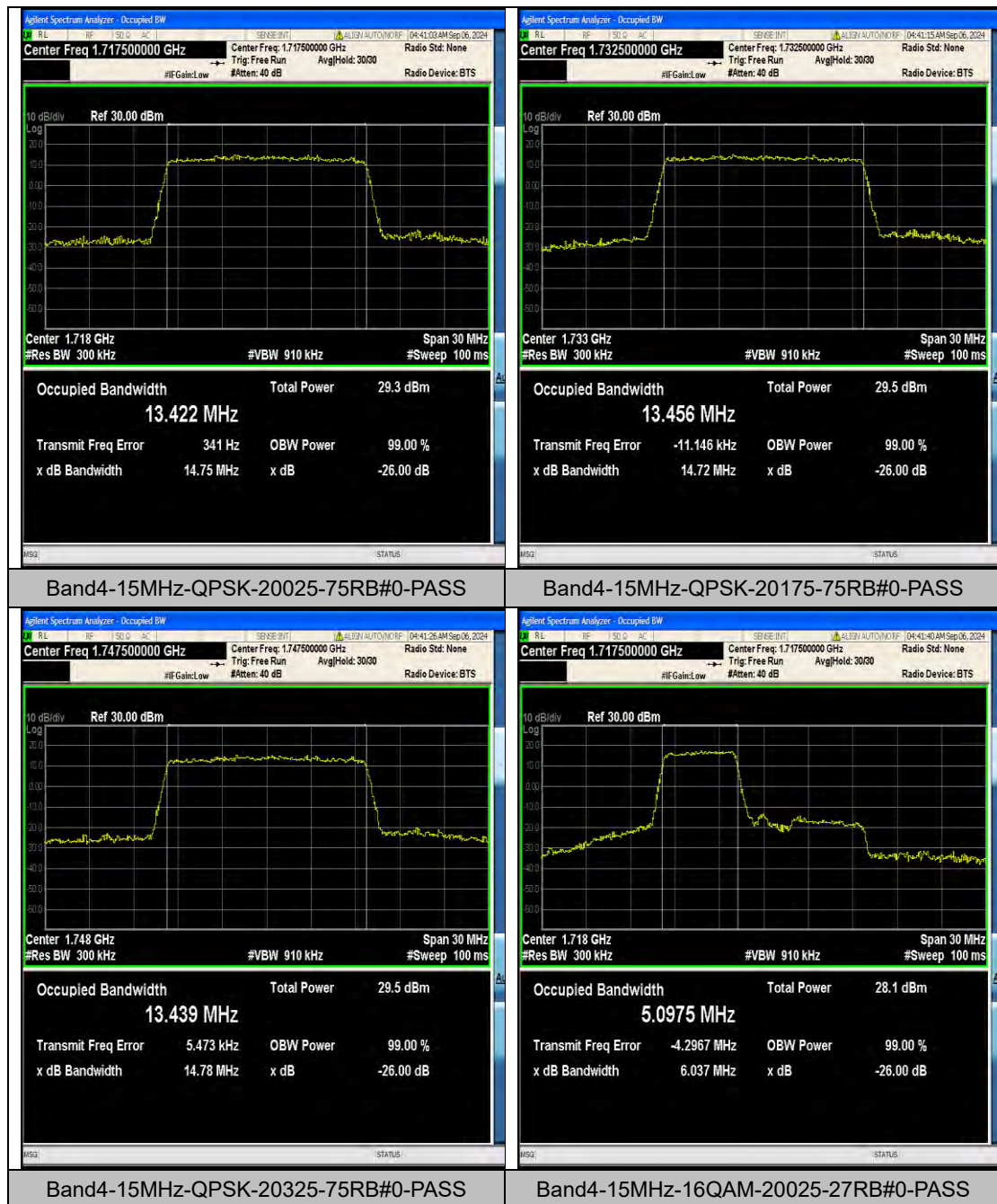




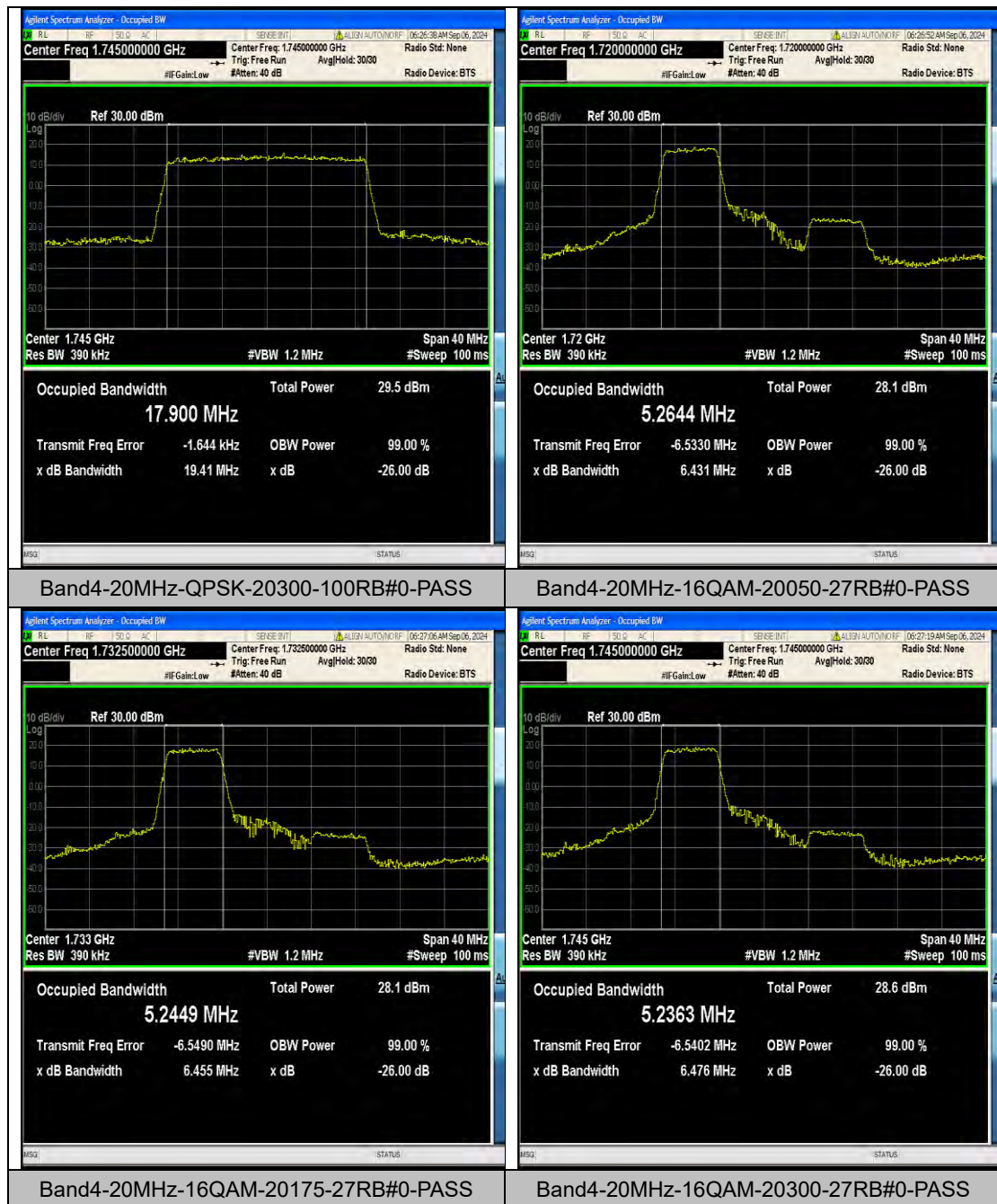












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-28.89	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-35.68	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-29.58	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-34.80	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-27.86	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-29.76	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-35.48	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-38.30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-31.17	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-37.07	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-29.02	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-33.06	PASS
Band4	3MHz	QPSK	19965	1RB#0	-27.47	PASS
Band4	3MHz	QPSK	19965	1RB#14	-38.11	PASS
Band4	3MHz	QPSK	19965	15RB#0	-29.88	PASS
Band4	3MHz	QPSK	20385	1RB#0	-36.16	PASS
Band4	3MHz	QPSK	20385	1RB#14	-27.31	PASS
Band4	3MHz	QPSK	20385	15RB#0	-29.62	PASS
Band4	3MHz	16QAM	19965	1RB#0	-28.70	PASS
Band4	3MHz	16QAM	19965	1RB#14	-39.82	PASS
Band4	3MHz	16QAM	19965	15RB#0	-30.34	PASS
Band4	3MHz	16QAM	20385	1RB#0	-37.85	PASS
Band4	3MHz	16QAM	20385	1RB#14	-29.85	PASS
Band4	3MHz	16QAM	20385	15RB#0	-31.10	PASS
Band4	5MHz	QPSK	19975	1RB#0	-31.06	PASS
Band4	5MHz	QPSK	19975	1RB#24	-47.20	PASS
Band4	5MHz	QPSK	19975	25RB#0	-31.89	PASS
Band4	5MHz	QPSK	20375	1RB#0	-45.83	PASS
Band4	5MHz	QPSK	20375	1RB#24	-29.92	PASS
Band4	5MHz	QPSK	20375	25RB#0	-31.85	PASS
Band4	5MHz	16QAM	19975	1RB#0	-31.90	PASS
Band4	5MHz	16QAM	19975	1RB#24	-47.52	PASS
Band4	5MHz	16QAM	19975	25RB#0	-31.52	PASS
Band4	5MHz	16QAM	20375	1RB#0	-46.29	PASS
Band4	5MHz	16QAM	20375	1RB#24	-31.03	PASS
Band4	5MHz	16QAM	20375	25RB#0	-33.37	PASS
Band4	10MHz	QPSK	20000	1RB#0	-39.95	PASS

Band4	10MHz	QPSK	20000	1RB#49	-48.24	PASS
Band4	10MHz	QPSK	20000	50RB#0	-34.75	PASS
Band4	10MHz	QPSK	20350	1RB#0	-47.99	PASS
Band4	10MHz	QPSK	20350	1RB#49	-39.60	PASS
Band4	10MHz	QPSK	20350	50RB#0	-31.99	PASS
Band4	10MHz	16QAM	20000	1RB#0	-40.91	PASS
Band4	10MHz	16QAM	20000	1RB#49	-48.13	PASS
Band4	10MHz	16QAM	20350	1RB#0	-47.97	PASS
Band4	10MHz	16QAM	20350	1RB#49	-40.51	PASS
Band4	15MHz	QPSK	20025	1RB#0	-40.49	PASS
Band4	15MHz	QPSK	20025	1RB#74	-48.11	PASS
Band4	15MHz	QPSK	20025	75RB#0	-36.03	PASS
Band4	15MHz	QPSK	20325	1RB#0	-47.87	PASS
Band4	15MHz	QPSK	20325	1RB#74	-40.47	PASS
Band4	15MHz	QPSK	20325	75RB#0	-31.27	PASS
Band4	15MHz	16QAM	20025	1RB#0	-41.25	PASS
Band4	15MHz	16QAM	20025	1RB#74	-48.26	PASS
Band4	15MHz	16QAM	20325	1RB#0	-47.99	PASS
Band4	15MHz	16QAM	20325	1RB#74	-41.38	PASS
Band4	20MHz	QPSK	20050	1RB#0	-41.09	PASS
Band4	20MHz	QPSK	20050	1RB#99	-48.21	PASS
Band4	20MHz	QPSK	20050	100RB#0	-38.56	PASS
Band4	20MHz	QPSK	20300	1RB#0	-48.24	PASS
Band4	20MHz	QPSK	20300	1RB#99	-41.08	PASS
Band4	20MHz	QPSK	20300	100RB#0	-34.93	PASS
Band4	20MHz	16QAM	20050	1RB#0	-42.01	PASS
Band4	20MHz	16QAM	20050	1RB#99	-48.23	PASS
Band4	20MHz	16QAM	20300	1RB#0	-48.47	PASS
Band4	20MHz	16QAM	20300	1RB#99	-42.17	PASS

Test Graphs

