

Test Data for E-UTRA Band 4

EUT: <u>LTE module</u> Test Model: <u>ZX800-VG</u>
Ambient Condition: <u>25</u> °C, <u>45</u> %RH, <u>101.325</u> kPa
Test Engineer: <u>Jack Zhou</u>

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	20.92	22.87	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	20.40	22.35	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	21.02	22.97	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	20.51	22.46	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	21.05	23	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.54	22.49	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	20.95	22.9	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.53	22.48	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	20.96	22.91	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.55	22.5	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	21.03	22.98	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.60	22.55	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	20.66	22.61	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.33	22.28	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.58	23.53	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.13	23.08	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	21.58	23.53	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.17	23.12	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	21.61	23.56	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.13	23.08	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	21.61	23.56	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.14	23.09	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	21.61	23.56	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.14	23.09	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	21.59	23.54	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.13	23.08	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.27	23.22	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.89	22.84	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.35	23.3	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.83	22.78	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.30	23.25	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	20.83	22.78	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.31	23.26	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	20.85	22.8	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	21.30	23.25	PASS

Band4	1.4MHz	16QAM	20393	3RB#0	20.88	22.83	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	21.30	23.25	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	20.87	22.82	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	21.28	23.23	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.87	22.82	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.99	22.94	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.54	22.49	PASS
Band4	3MHz	QPSK	19965	1RB#0	20.91	22.86	PASS
Band4	3MHz	16QAM	19965	1RB#0	20.35	22.3	PASS
Band4	3MHz	QPSK	19965	1RB#8	21.10	23.05	PASS
Band4	3MHz	16QAM	19965	1RB#8	20.58	22.53	PASS
Band4	3MHz	QPSK	19965	1RB#14	21.19	23.14	PASS
Band4	3MHz	16QAM	19965	1RB#14	20.69	22.64	PASS
Band4	3MHz	QPSK	19965	8RB#0	20.59	22.54	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.26	22.21	PASS
Band4	3MHz	QPSK	19965	8RB#4	20.59	22.54	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.26	22.21	PASS
Band4	3MHz	QPSK	19965	8RB#7	20.74	22.69	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.40	22.35	PASS
Band4	3MHz	QPSK	19965	15RB#0	20.63	22.58	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.34	22.29	PASS
Band4	3MHz	QPSK	20175	1RB#0	21.60	23.55	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.29	23.24	PASS
Band4	3MHz	QPSK	20175	1RB#8	21.65	23.6	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.29	23.24	PASS
Band4	3MHz	QPSK	20175	1RB#14	21.63	23.58	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.27	23.22	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.29	23.24	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.90	22.85	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.28	23.23	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.89	22.84	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.30	23.25	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.87	22.82	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.29	23.24	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.86	22.81	PASS
Band4	3MHz	QPSK	20385	1RB#0	21.35	23.3	PASS
Band4	3MHz	16QAM	20385	1RB#0	20.90	22.85	PASS
Band4	3MHz	QPSK	20385	1RB#8	21.36	23.31	PASS
Band4	3MHz	16QAM	20385	1RB#8	20.84	22.79	PASS
Band4	3MHz	QPSK	20385	1RB#14	21.31	23.26	PASS
Band4	3MHz	16QAM	20385	1RB#14	20.81	22.76	PASS
Band4	3MHz	QPSK	20385	8RB#0	20.99	22.94	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.62	22.57	PASS

Band4	3MHz	QPSK	20385	8RB#4	21.00	22.95	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.61	22.56	PASS
Band4	3MHz	QPSK	20385	8RB#7	20.97	22.92	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.62	22.57	PASS
Band4	3MHz	QPSK	20385	15RB#0	20.99	22.94	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.61	22.56	PASS
Band4	5MHz	QPSK	19975	1RB#0	20.98	22.93	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.57	22.52	PASS
Band4	5MHz	QPSK	19975	1RB#12	21.15	23.1	PASS
Band4	5MHz	16QAM	19975	1RB#12	20.75	22.7	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.40	23.35	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.01	22.96	PASS
Band4	5MHz	QPSK	19975	12RB#0	20.65	22.6	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.33	22.28	PASS
Band4	5MHz	QPSK	19975	12RB#6	20.66	22.61	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.31	22.26	PASS
Band4	5MHz	QPSK	19975	12RB#13	20.87	22.82	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.56	22.51	PASS
Band4	5MHz	QPSK	19975	25RB#0	20.76	22.71	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.45	22.4	PASS
Band4	5MHz	QPSK	20175	1RB#0	21.76	23.71	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.32	23.27	PASS
Band4	5MHz	QPSK	20175	1RB#12	21.72	23.67	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.32	23.27	PASS
Band4	5MHz	QPSK	20175	1RB#24	21.77	23.72	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.34	23.29	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.34	23.29	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.93	22.88	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.32	23.27	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.92	22.87	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.33	23.28	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.94	22.89	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.33	23.28	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.91	22.86	PASS
Band4	5MHz	QPSK	20375	1RB#0	21.50	23.45	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.18	23.13	PASS
Band4	5MHz	QPSK	20375	1RB#12	21.35	23.3	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.03	22.98	PASS
Band4	5MHz	QPSK	20375	1RB#24	21.40	23.35	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.07	23.02	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.04	22.99	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.70	22.65	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.05	23	PASS

Band4	5MHz	16QAM	20375	12RB#6	20.71	22.66	PASS
Band4	5MHz	QPSK	20375	12RB#13	20.99	22.94	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.66	22.61	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.02	22.97	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.65	22.6	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.23	23.18	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.66	22.61	PASS
Band4	10MHz	QPSK	20000	1RB#24	21.39	23.34	PASS
Band4	10MHz	16QAM	20000	1RB#24	20.91	22.86	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.70	23.65	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.19	23.14	PASS
Band4	10MHz	QPSK	20000	25RB#0	20.85	22.8	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.55	22.5	PASS
Band4	10MHz	QPSK	20000	25RB#12	20.85	22.8	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.56	22.51	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.12	23.07	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.83	22.78	PASS
Band4	10MHz	QPSK	20175	1RB#0	21.88	23.83	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.51	23.46	PASS
Band4	10MHz	QPSK	20175	1RB#24	21.73	23.68	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.38	23.33	PASS
Band4	10MHz	QPSK	20175	1RB#49	21.88	23.83	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.53	23.48	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.36	23.31	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.93	22.88	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.39	23.34	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.96	22.91	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.44	23.39	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.01	22.96	PASS
Band4	10MHz	QPSK	20350	1RB#0	21.75	23.7	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.31	23.26	PASS
Band4	10MHz	QPSK	20350	1RB#24	21.51	23.46	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.06	23.01	PASS
Band4	10MHz	QPSK	20350	1RB#49	21.60	23.55	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.10	23.05	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.21	23.16	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.82	22.77	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.19	23.14	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.82	22.77	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.13	23.08	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.74	22.69	PASS
Band4	10MHz	QPSK	20000	50RB#0	20.92	22.87	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.35	23.3	PASS

Band4	10MHz	QPSK	20350	50RB#0	21.12	23.07	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.50	23.45	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.22	23.17	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.99	23.94	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.70	23.65	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.14	24.09	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.81	23.76	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.25	23.2	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.24	23.19	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.75	23.7	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.74	23.69	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.83	23.78	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.85	23.8	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.22	24.17	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.70	23.65	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.27	24.22	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.73	23.68	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.16	24.11	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.61	23.56	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.69	23.64	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.70	23.65	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.72	23.67	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.72	23.67	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.60	23.55	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.64	23.59	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.09	24.04	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.74	23.69	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.00	23.95	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.64	23.59	PASS
Band4	15MHz	QPSK	20325	1RB#74	21.80	23.75	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.41	23.36	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.74	23.69	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.74	23.69	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.65	23.6	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.65	23.6	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.44	23.39	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.45	23.4	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.56	23.51	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.75	23.7	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.61	23.56	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.49	23.44	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.98	22.93	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.07	24.02	PASS

Band4	20MHz	16QAM	20050	1RB#49	21.64	23.59	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.11	24.06	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.64	23.59	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.16	24.11	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.67	23.62	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.26	24.21	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.80	23.75	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.09	24.04	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.63	23.58	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.17	24.12	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.80	23.75	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.16	24.11	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.84	23.79	PASS
Band4	20MHz	QPSK	20300	1RB#99	21.85	23.8	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.52	23.47	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.51	23.46	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.52	23.47	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.74	23.69	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.57	23.52	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.85	23.8	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.85	23.8	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.86	23.81	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.78	23.73	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.74	23.69	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.76	23.71	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.59	23.54	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.67	23.62	PASS

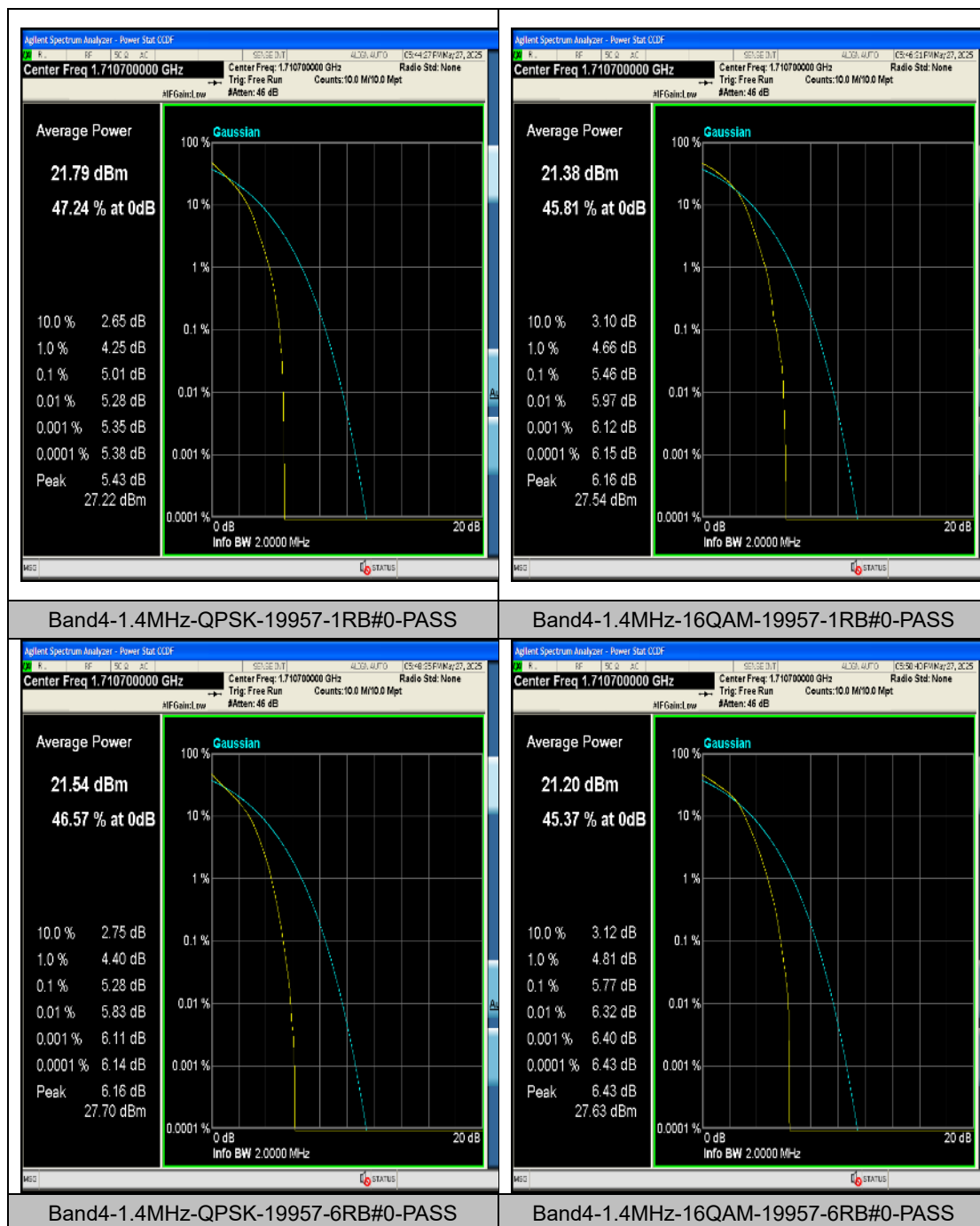
Appendix B: Peak-to-Average Ratio(CCDF)

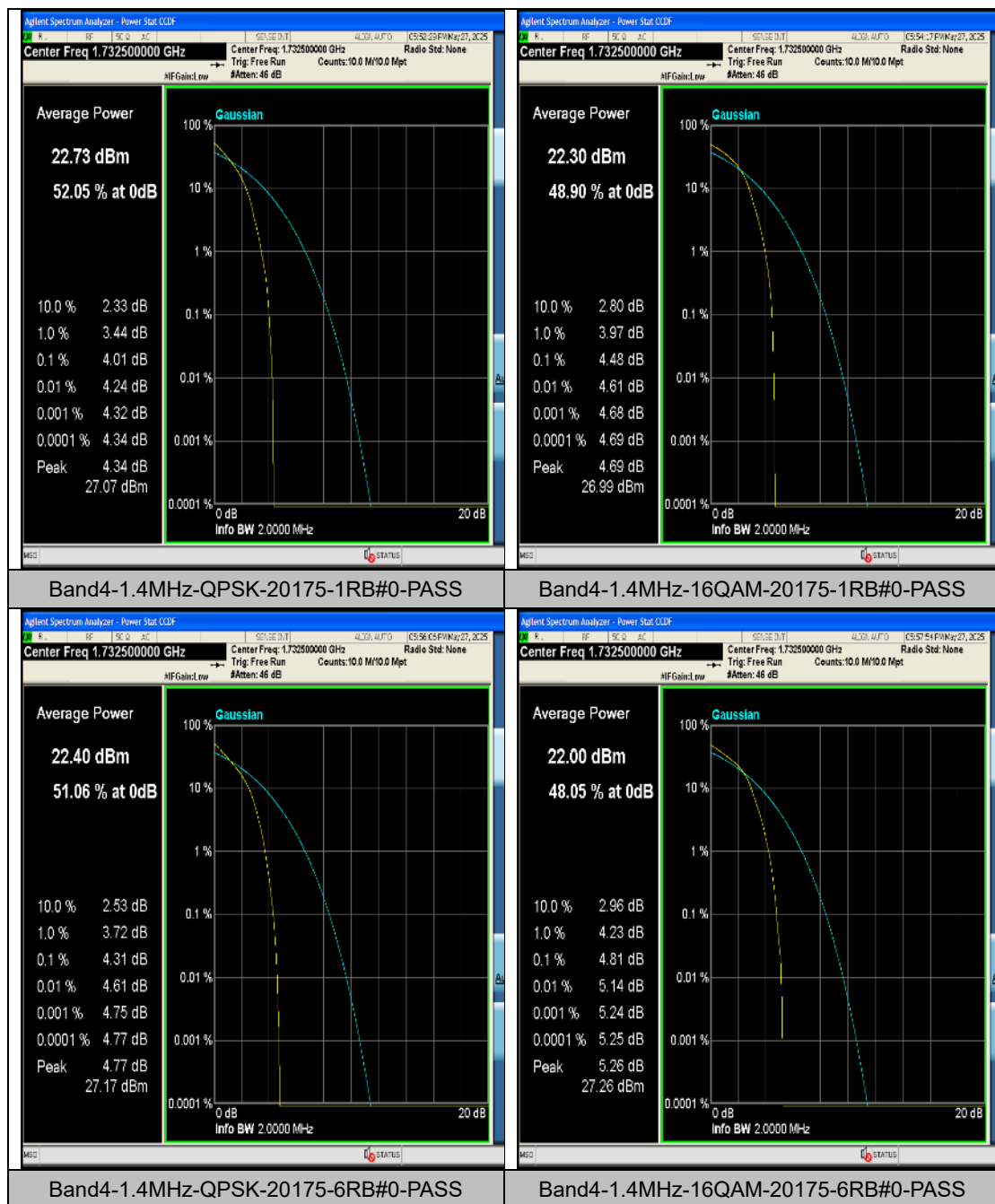
Test Result

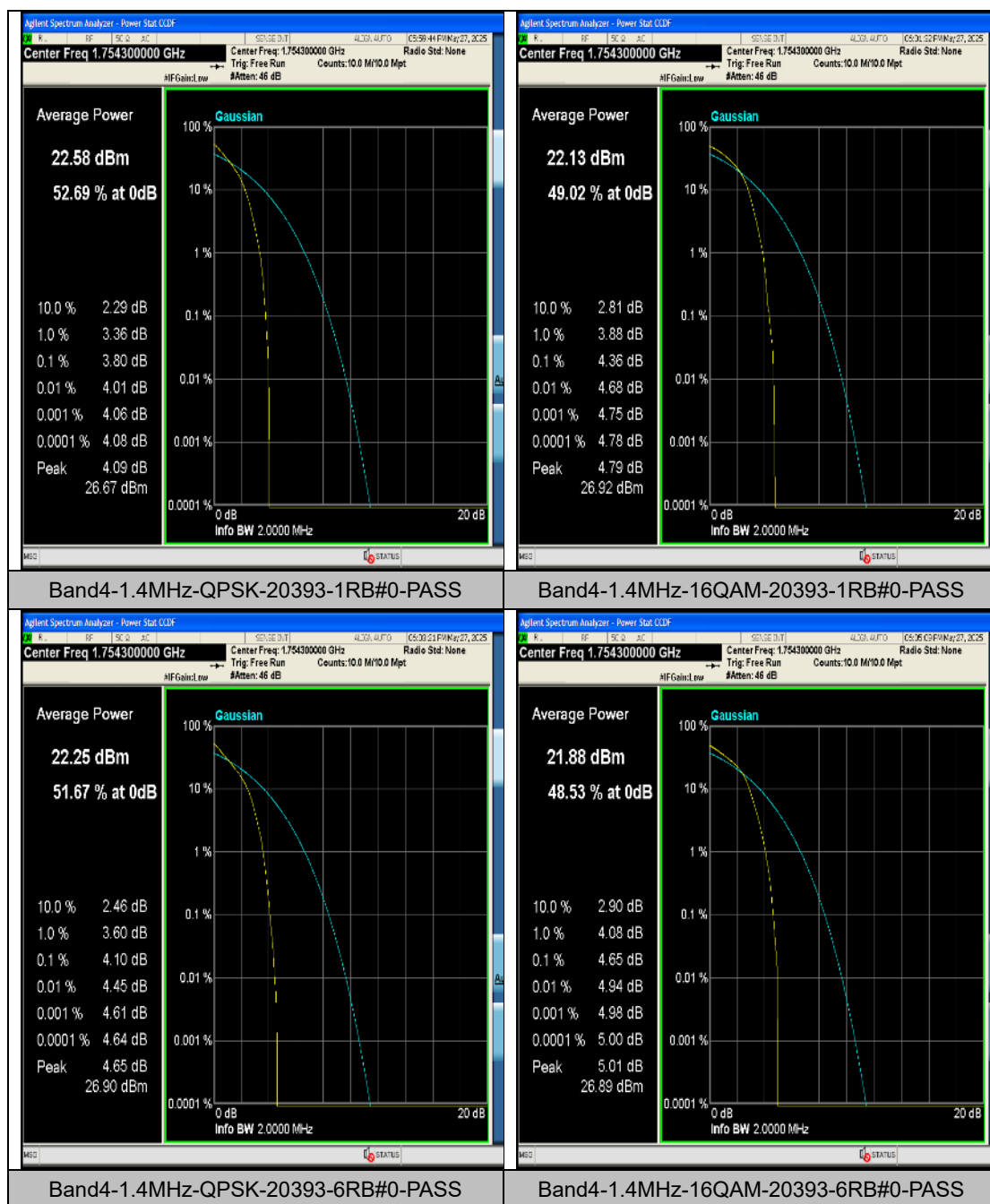
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	5.01	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.46	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.28	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.77	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.01	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	4.48	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.31	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	4.81	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.80	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	4.36	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.10	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	4.65	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	5.09	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.63	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.42	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.95	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.07	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.54	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.78	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.27	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.89	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.45	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.68	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.20	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	5.01	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.44	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.29	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.76	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.11	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.44	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.71	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.21	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.94	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.37	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.69	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.16	13	PASS

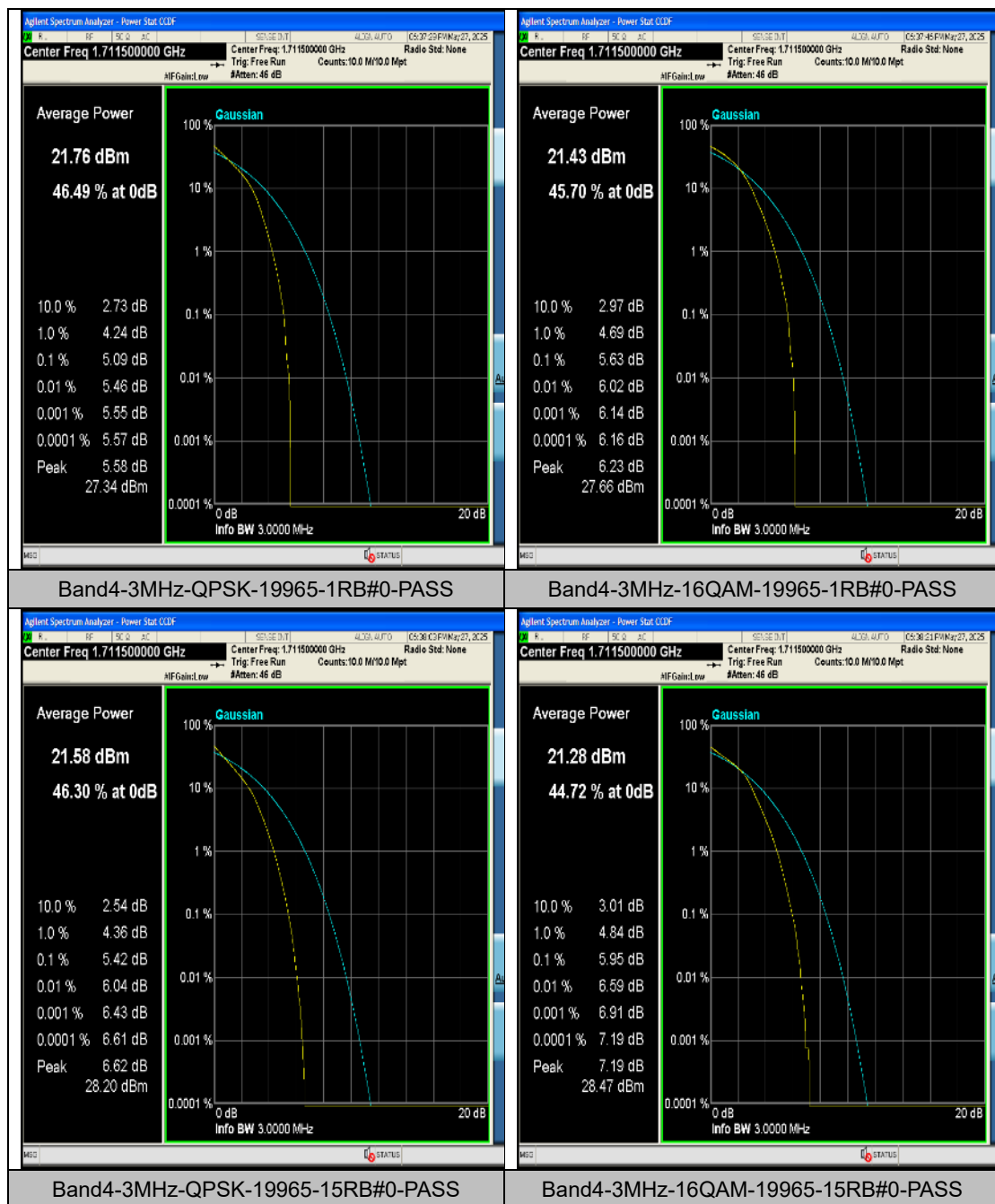
Band4	10MHz	QPSK	20000	1RB#0	4.51	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.15	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	3.81	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	4.28	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	3.76	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	4.26	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.97	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.68	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.69	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.56	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.21	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	3.76	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	4.42	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	3.57	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	4.22	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	4.82	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	4.70	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.75	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	4.57	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	3.81	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	3.48	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	4.69	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.74	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.47	13	PASS

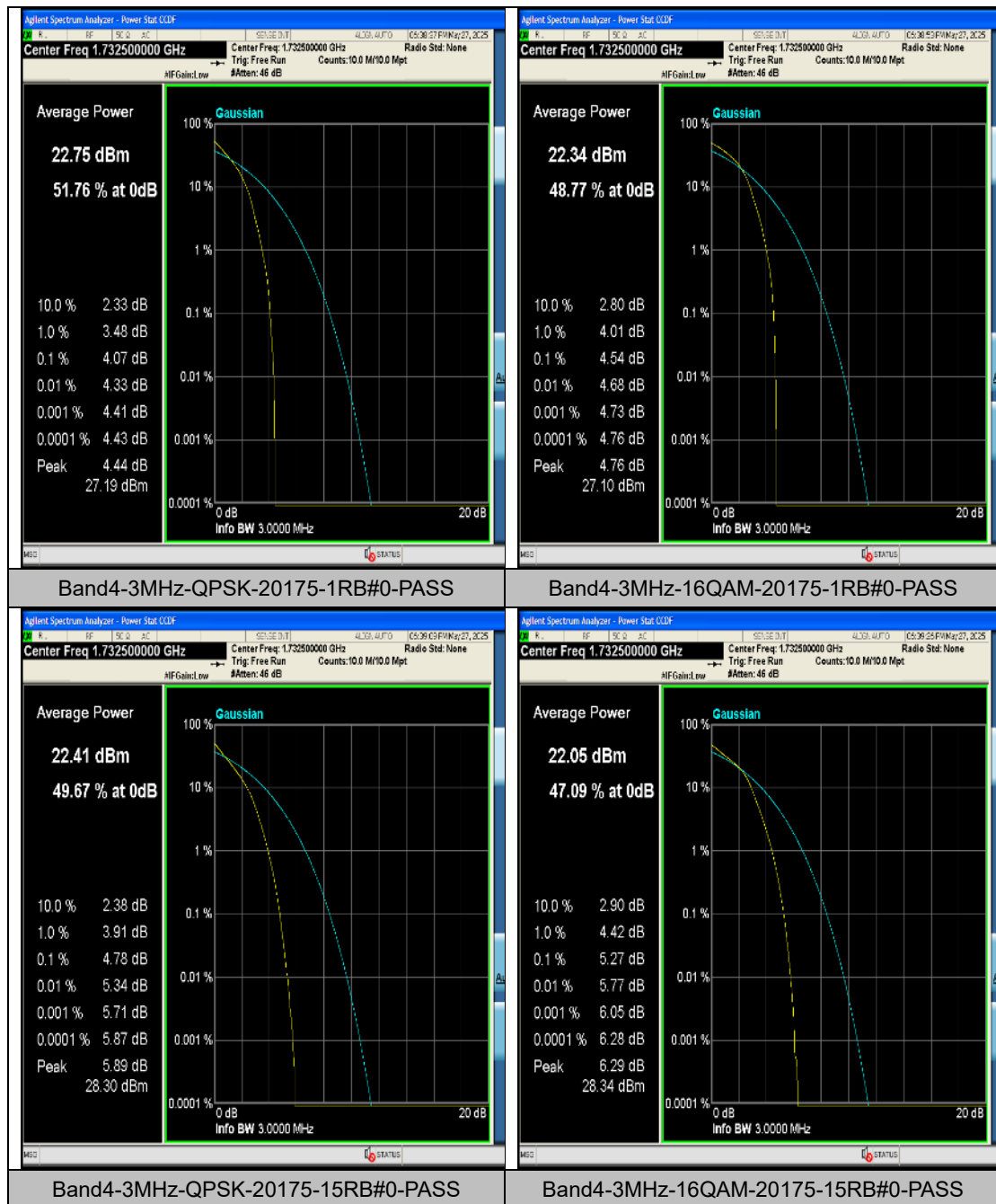
Test Graphs

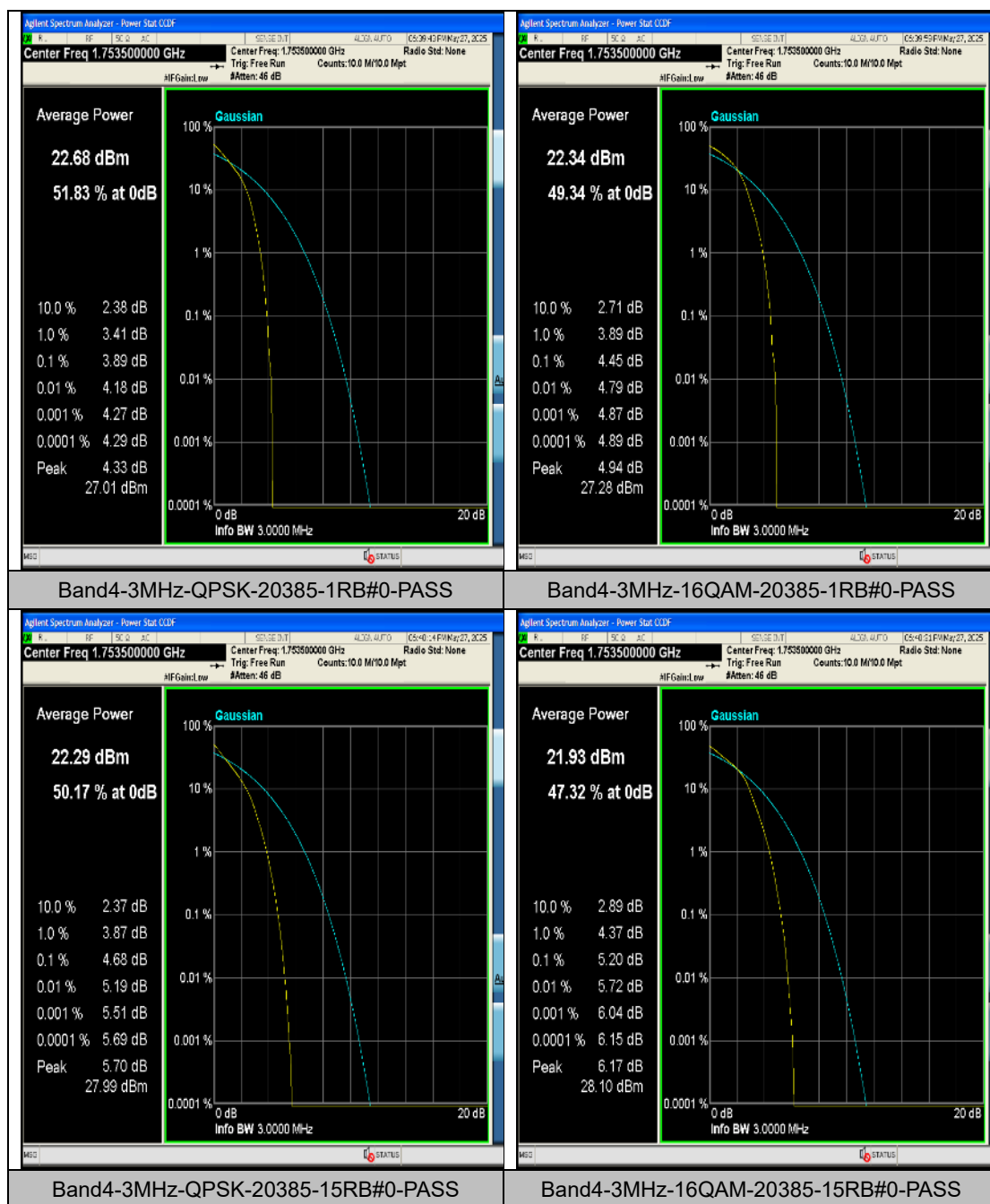


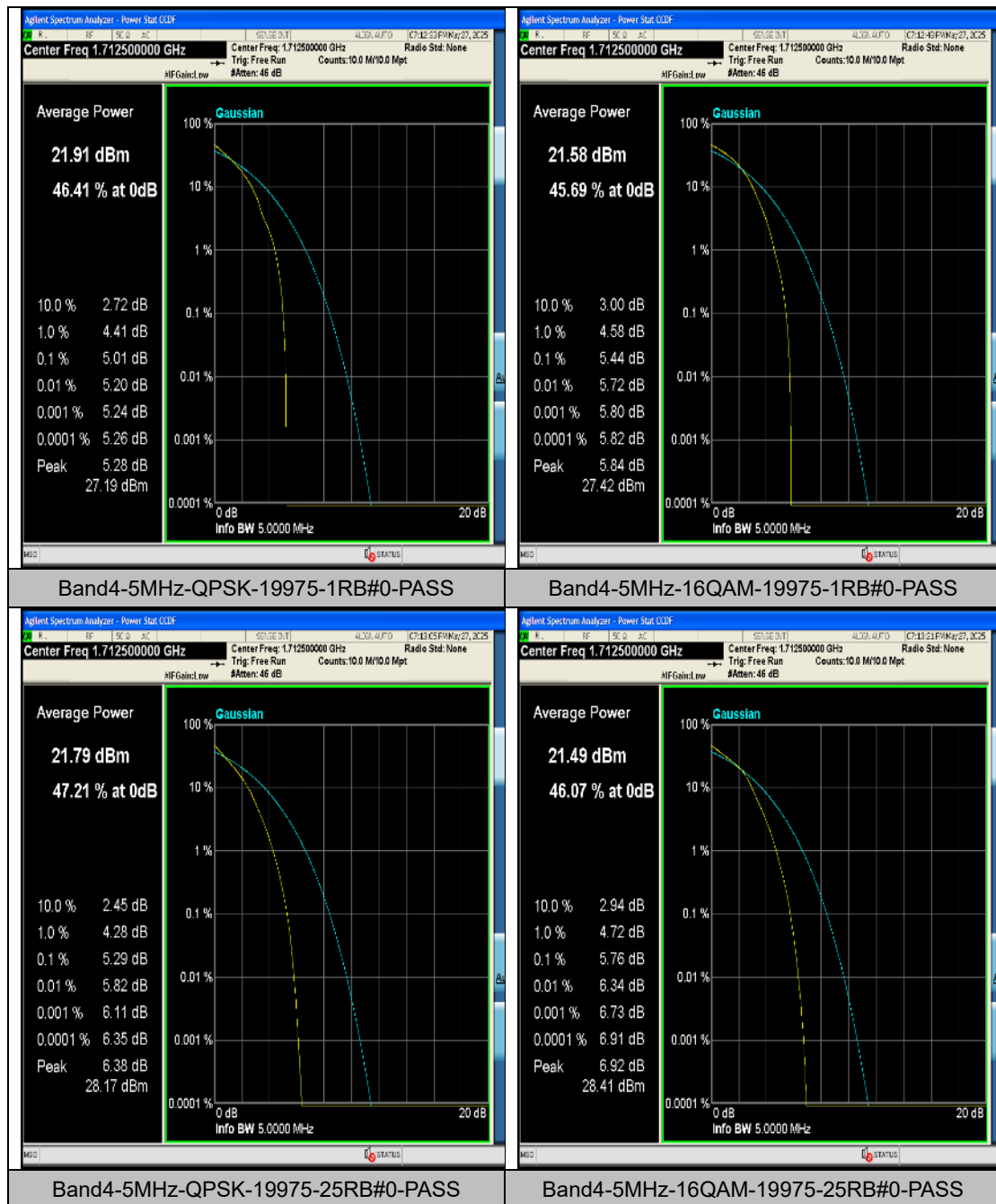


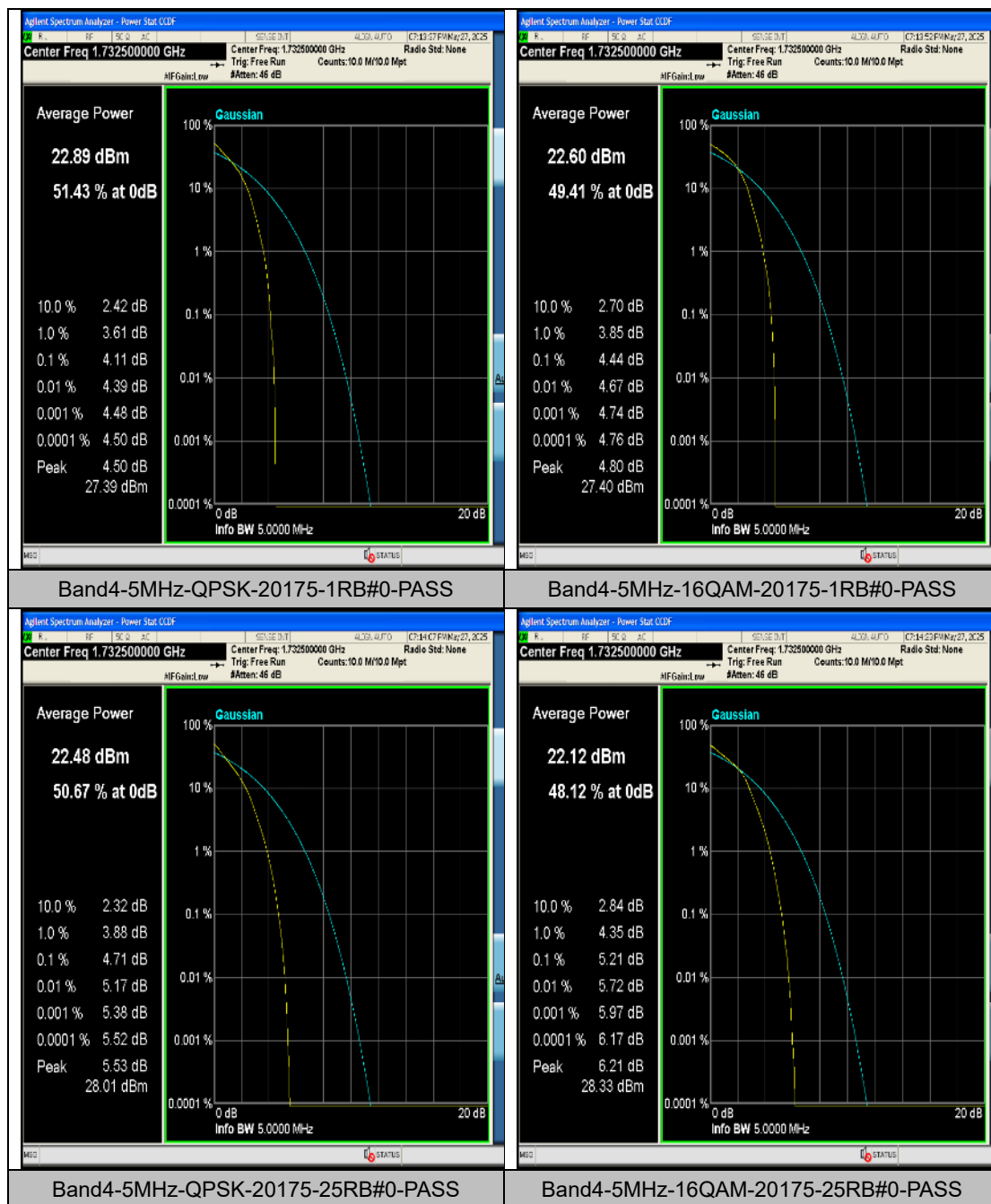


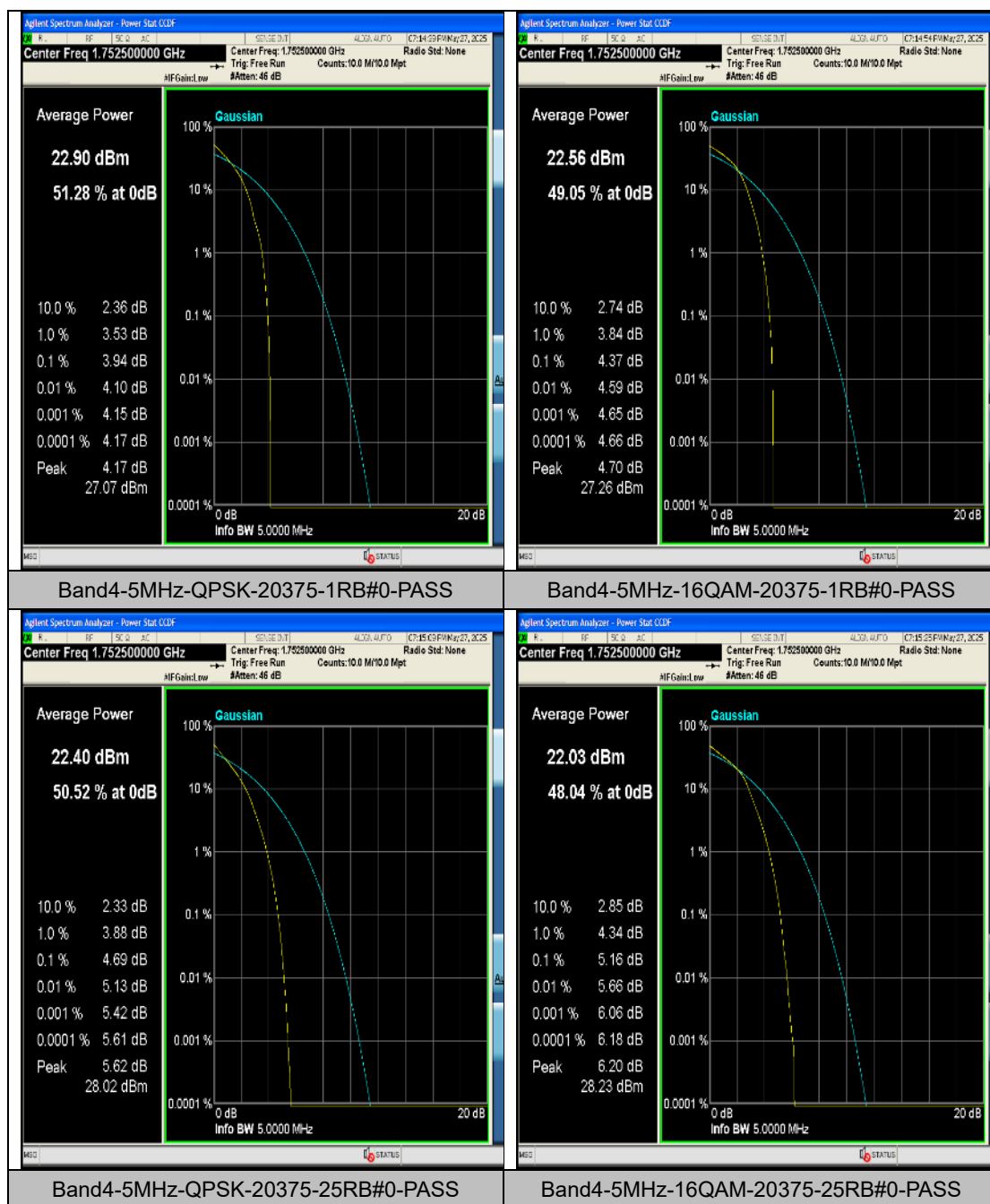


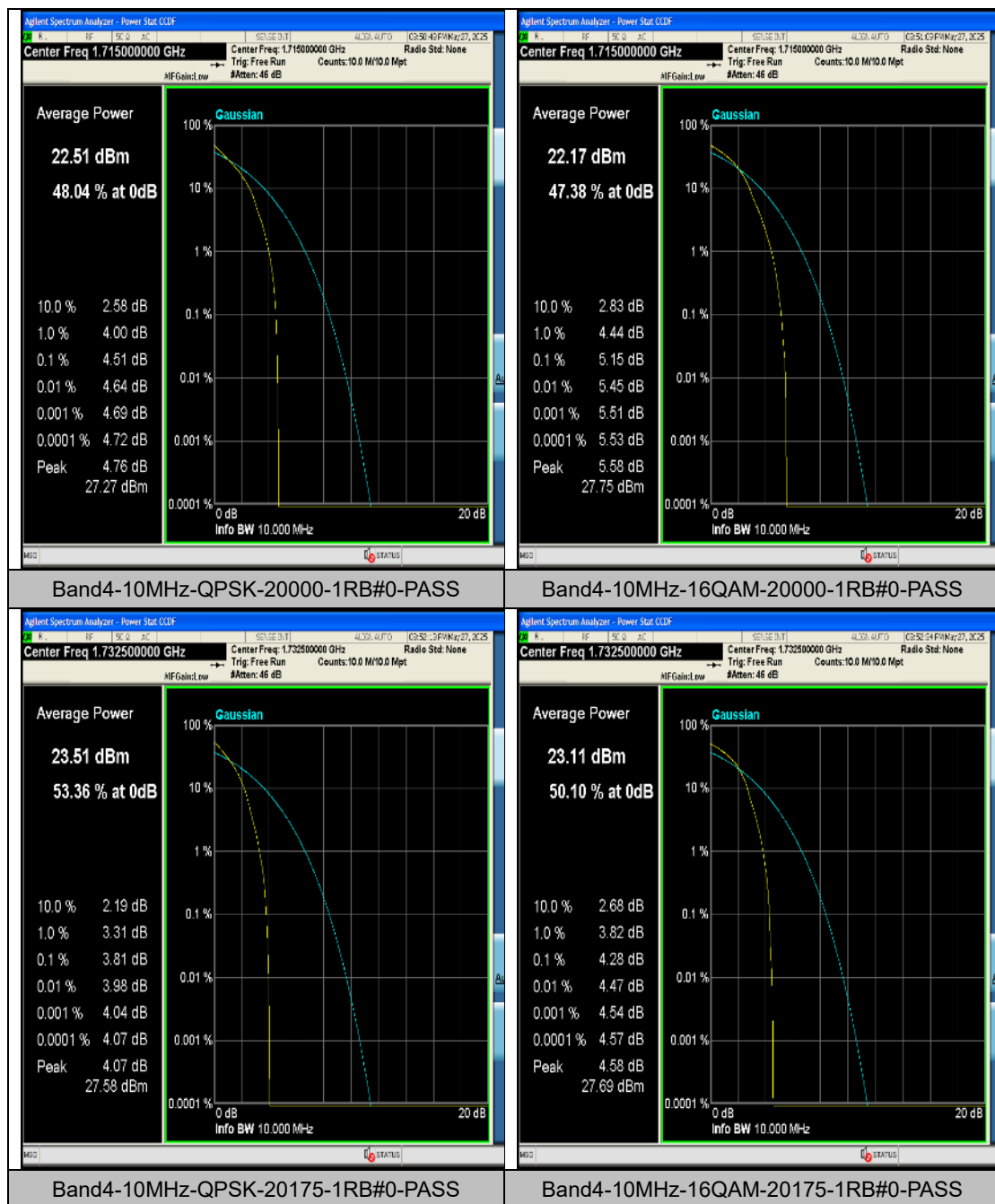


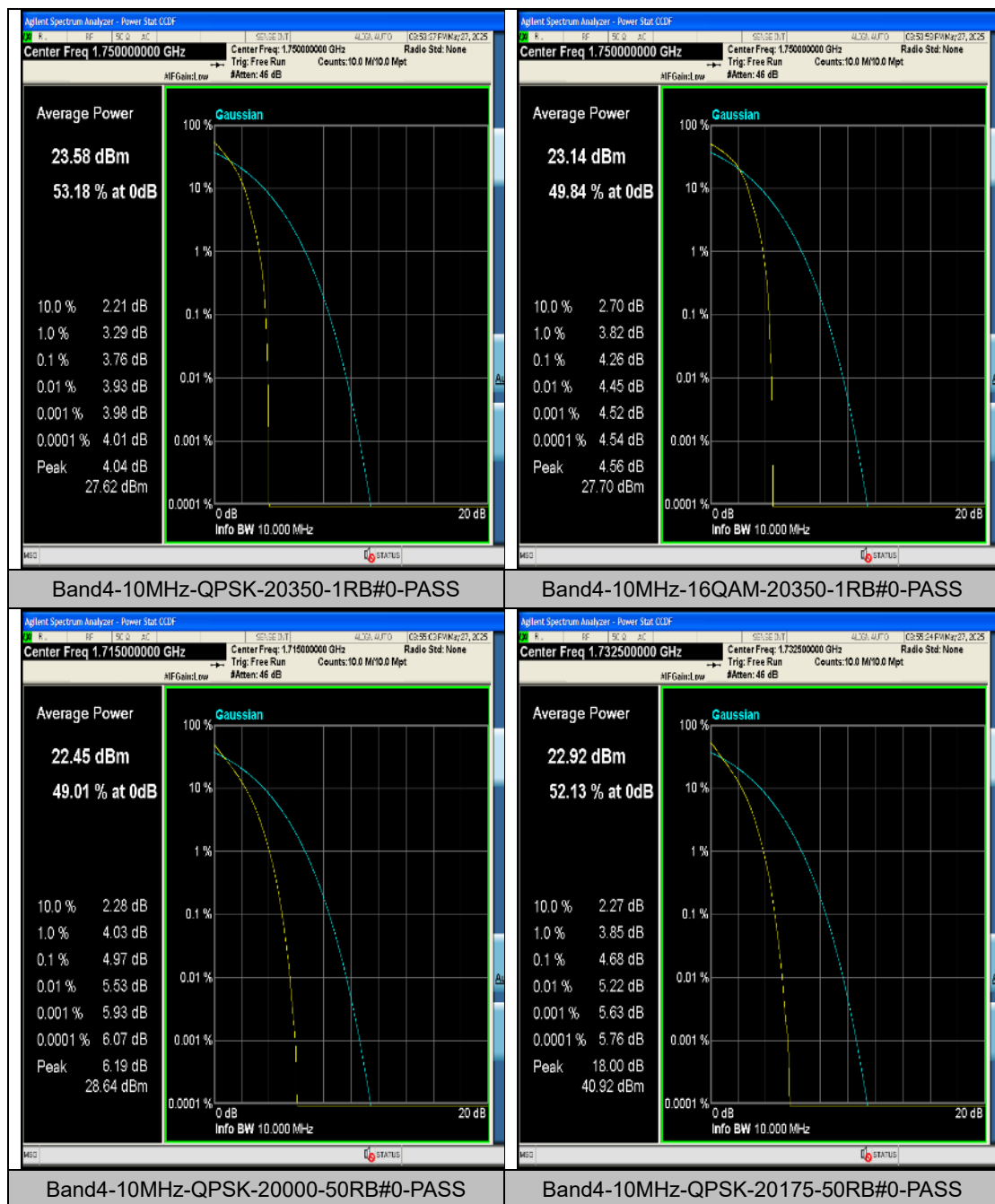


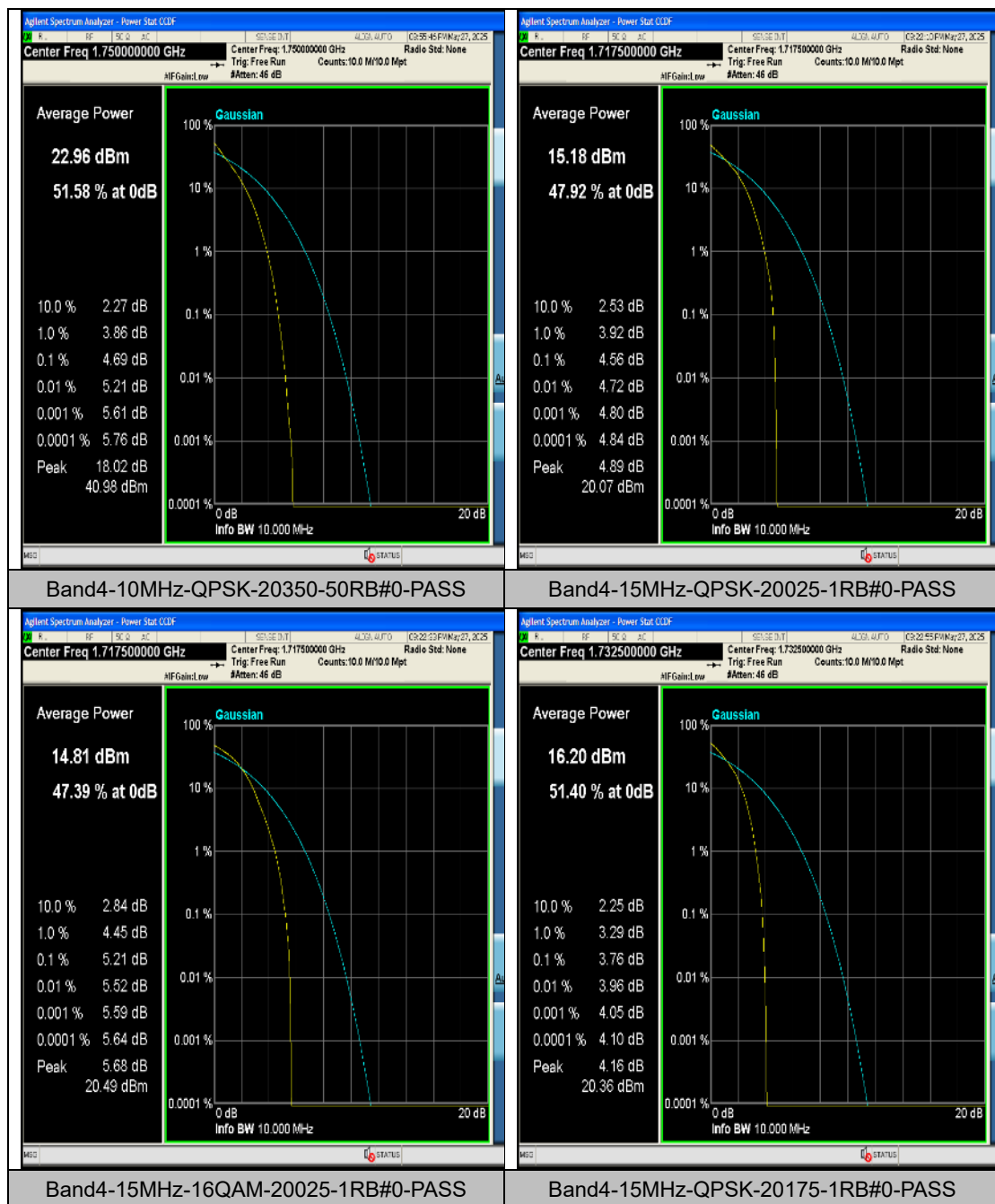


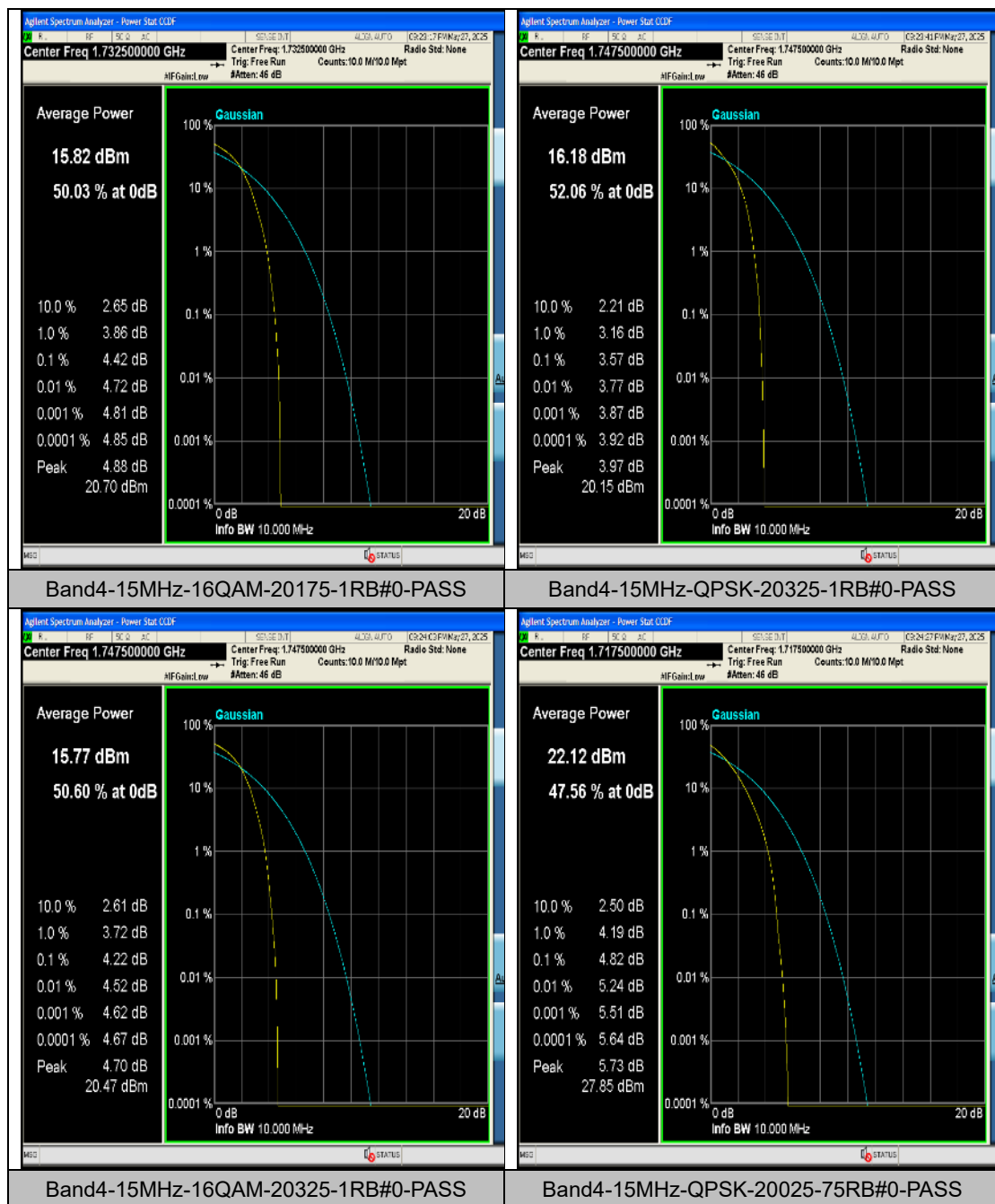


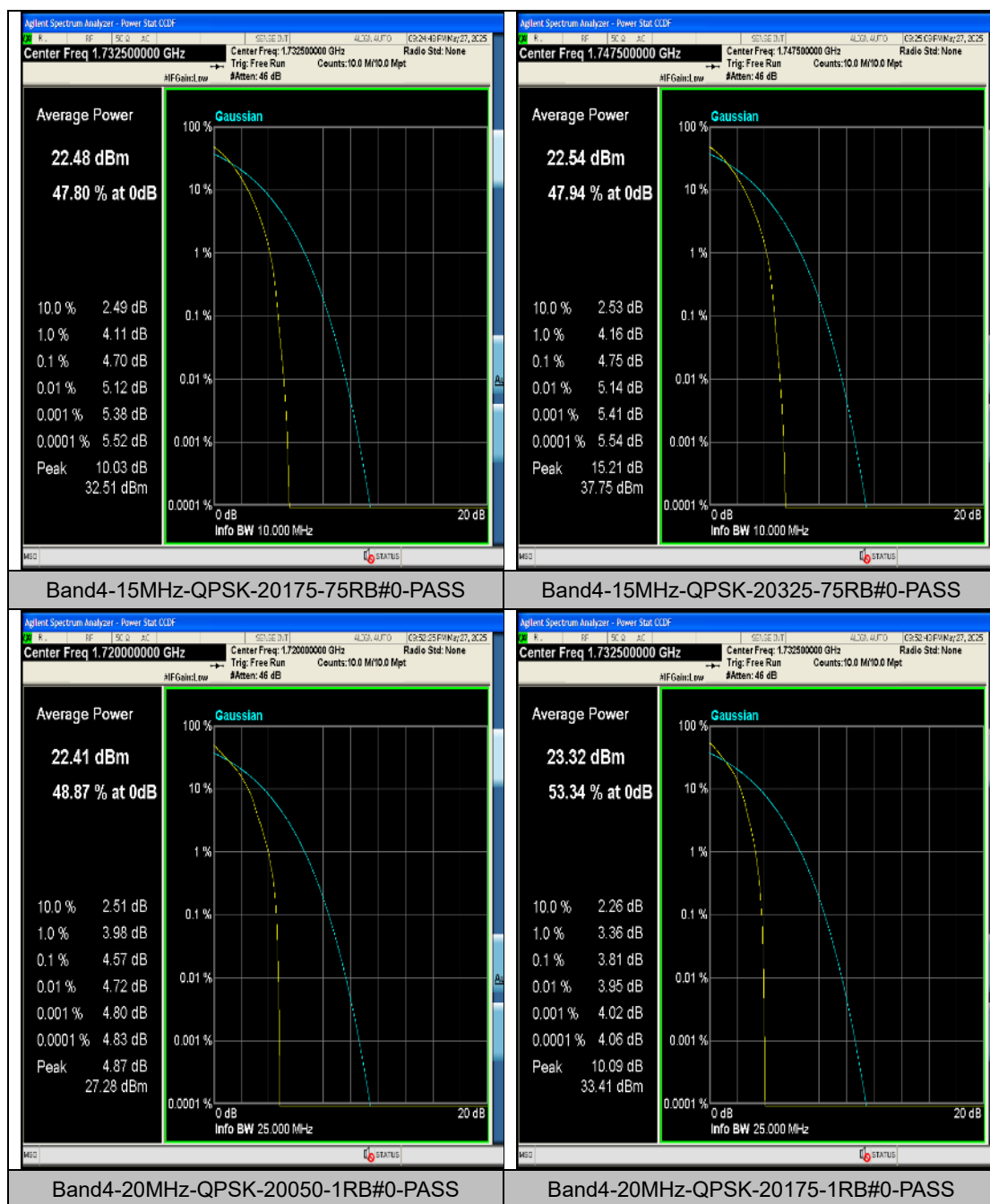


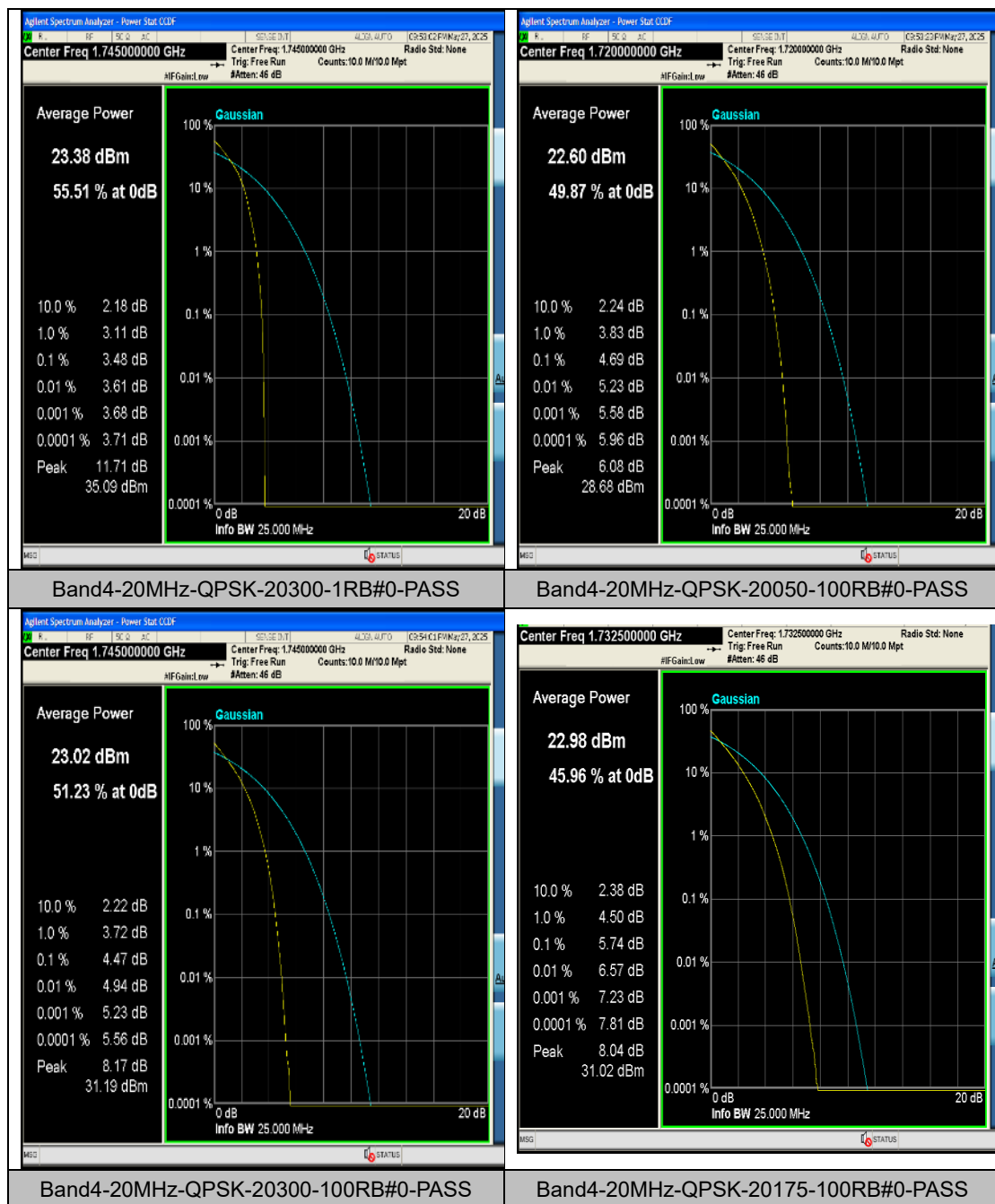










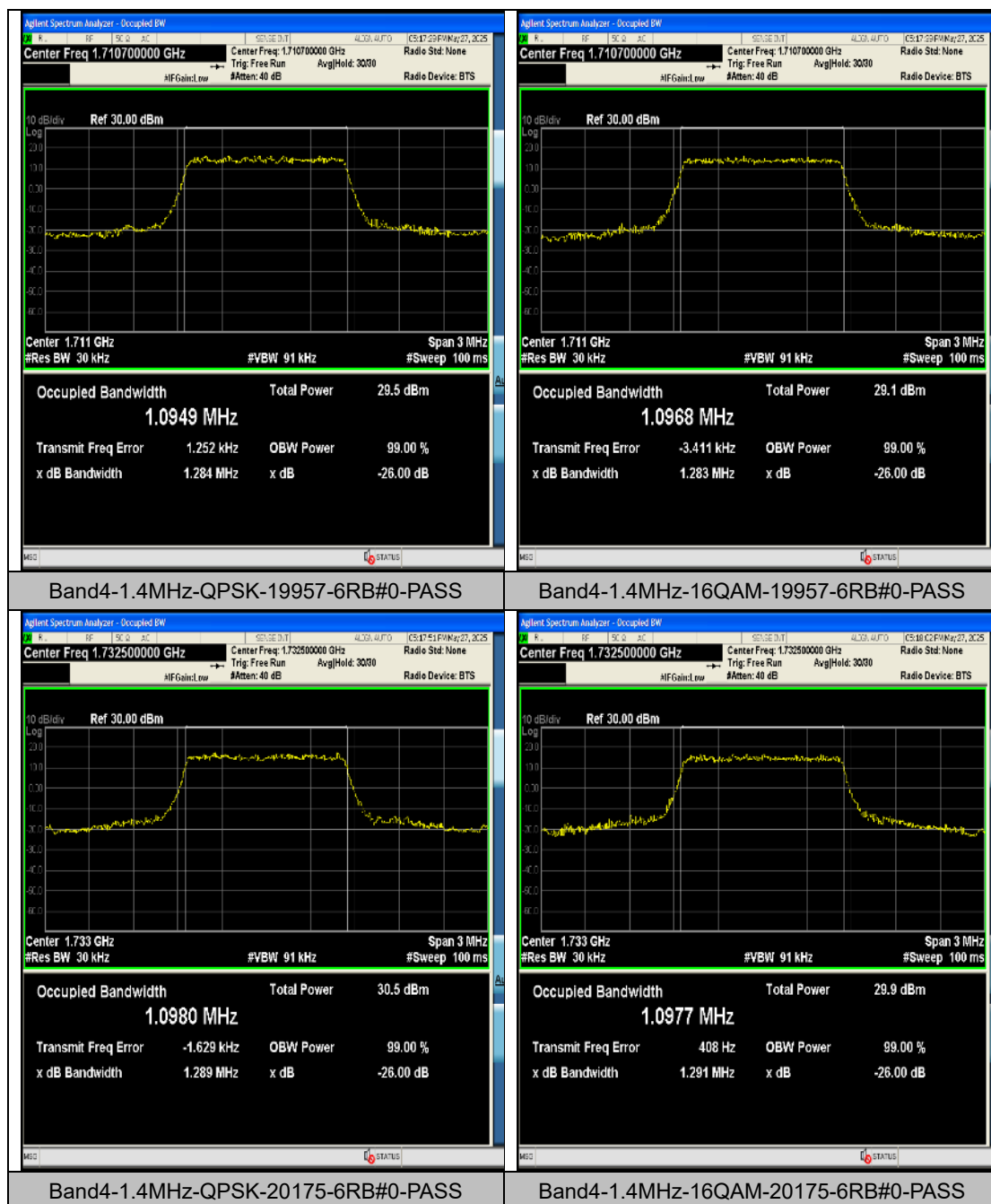


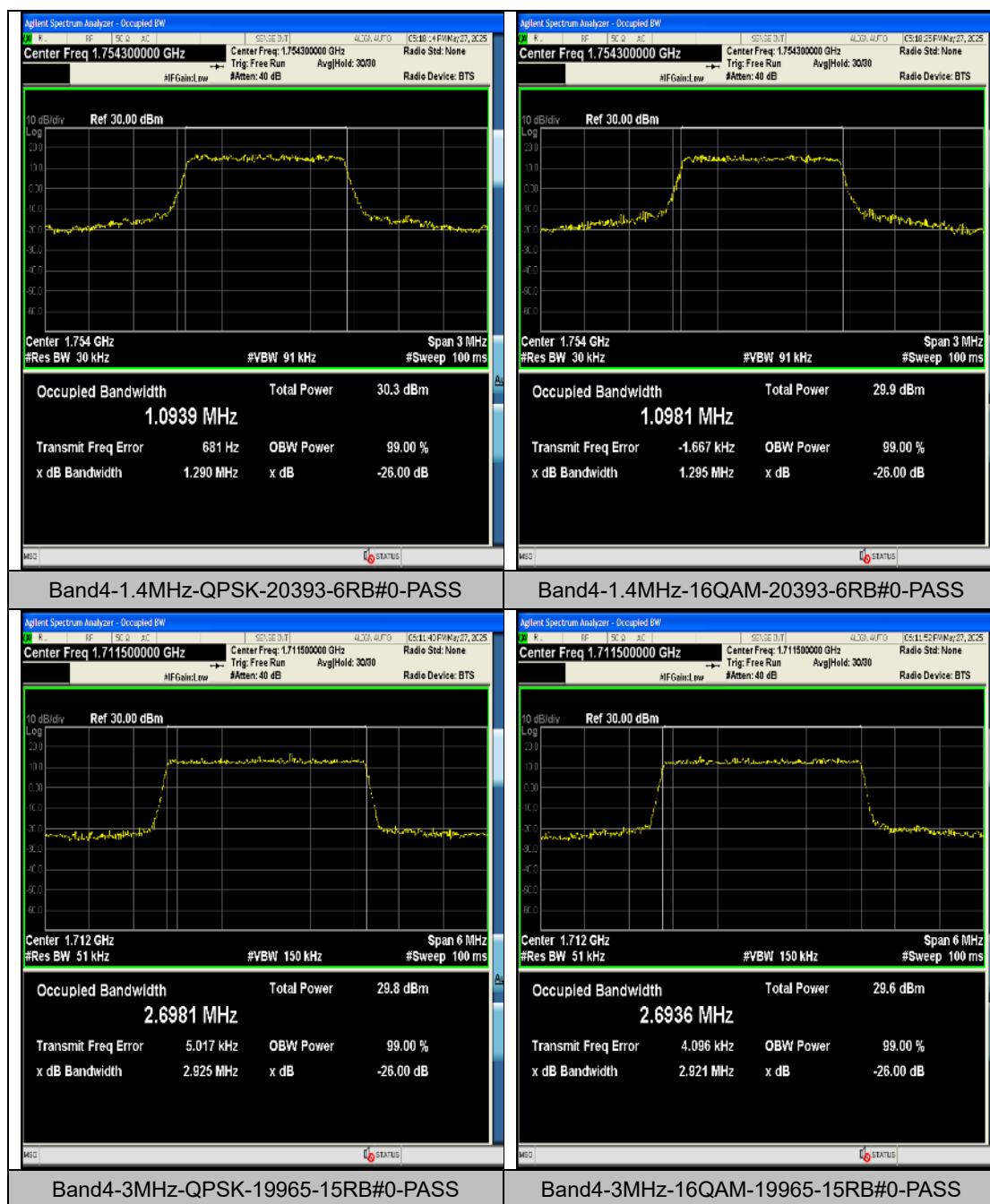
Appendix C: 26dB Bandwidth and Occupied Bandwidth

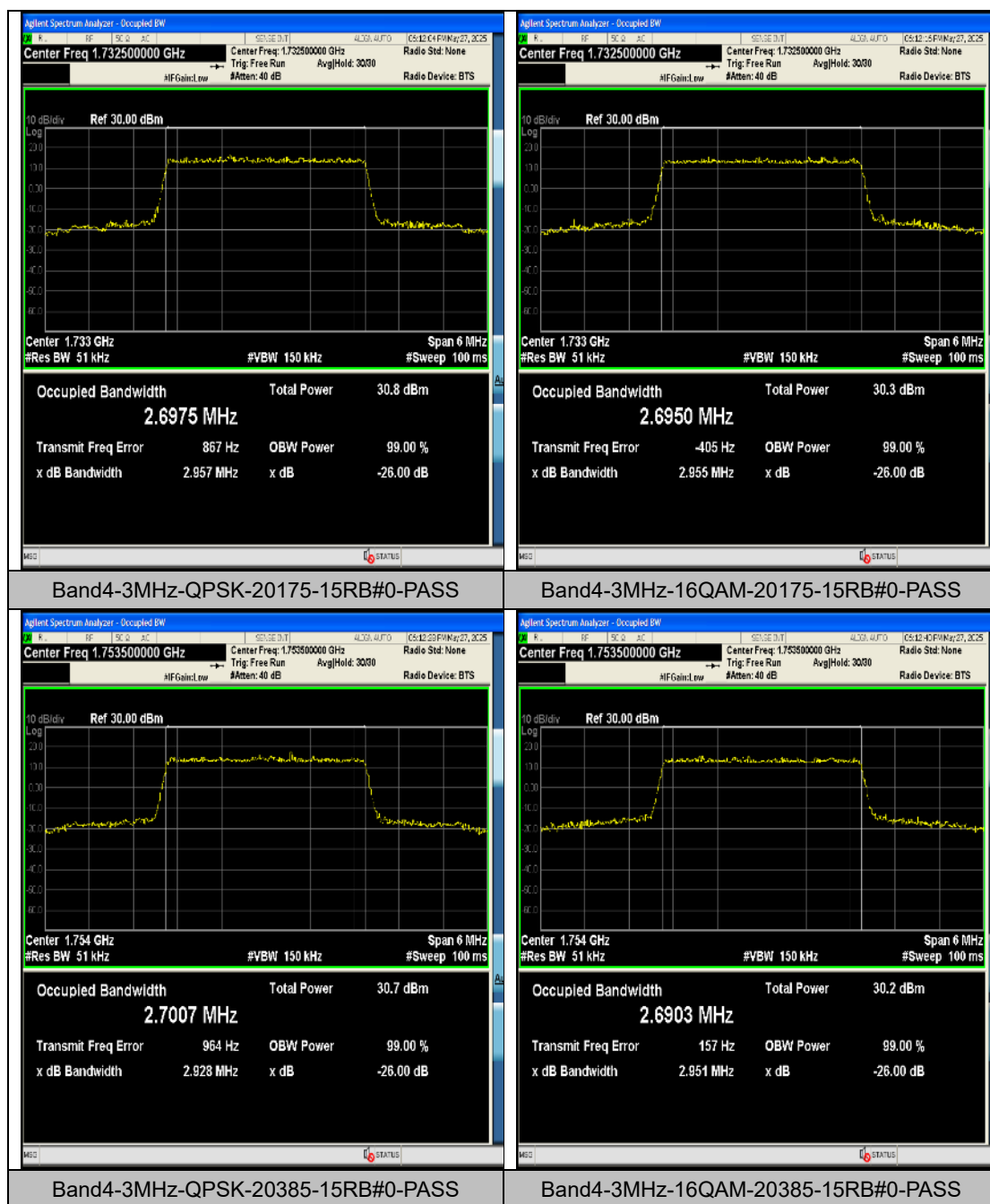
Test Result

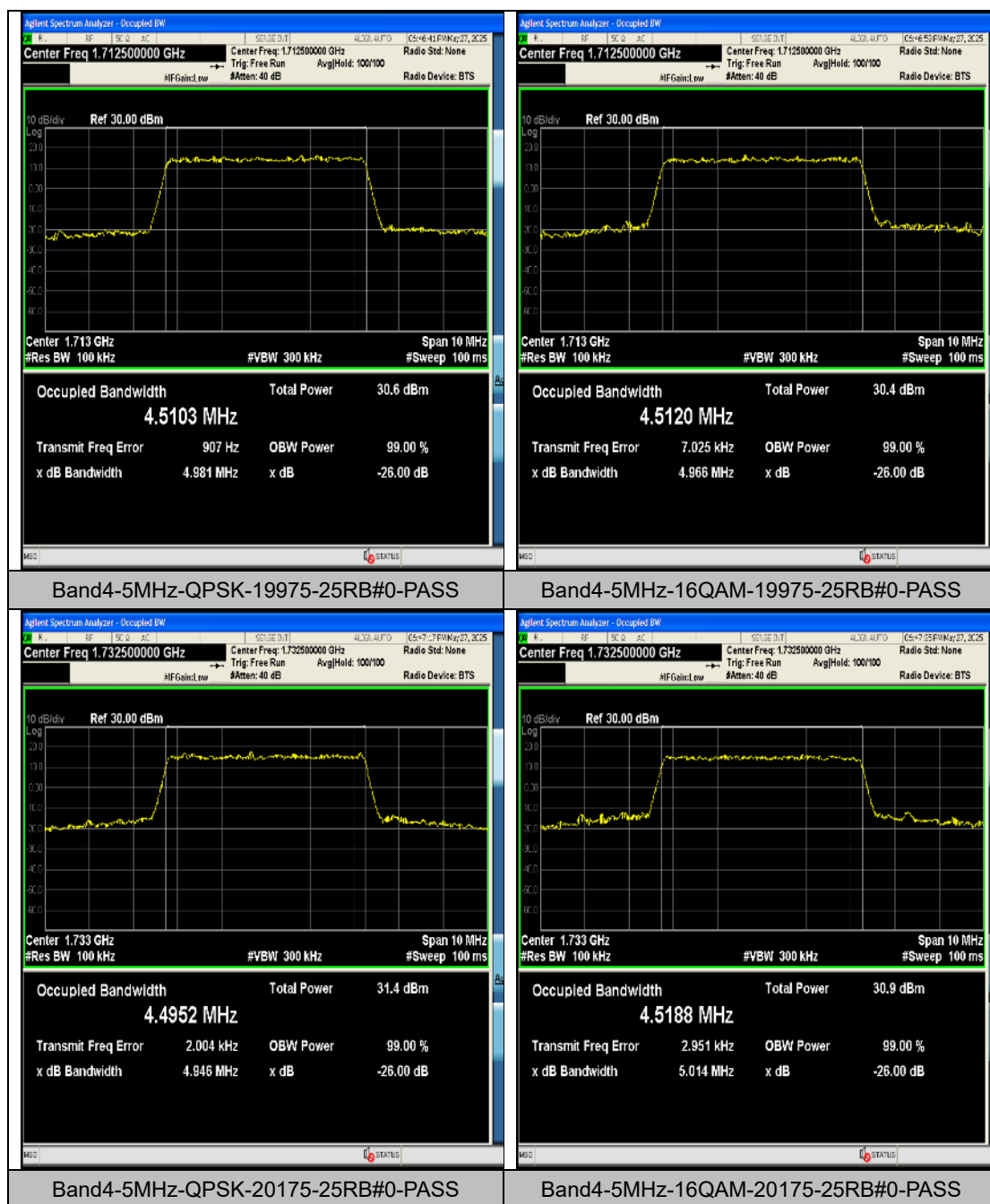
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0949	1.284	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0968	1.283	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0980	1.289	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0977	1.291	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0939	1.290	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0981	1.295	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6981	2.925	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6936	2.921	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6975	2.957	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6950	2.955	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7007	2.928	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6903	2.951	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5103	4.981	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5120	4.966	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4952	4.946	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5188	5.014	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5144	4.980	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5171	5.012	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9850	9.751	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9834	9.845	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9957	9.784	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.465	14.62	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.494	14.62	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.478	14.59	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.919	19.12	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.937	19.15	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.955	19.12	PASS

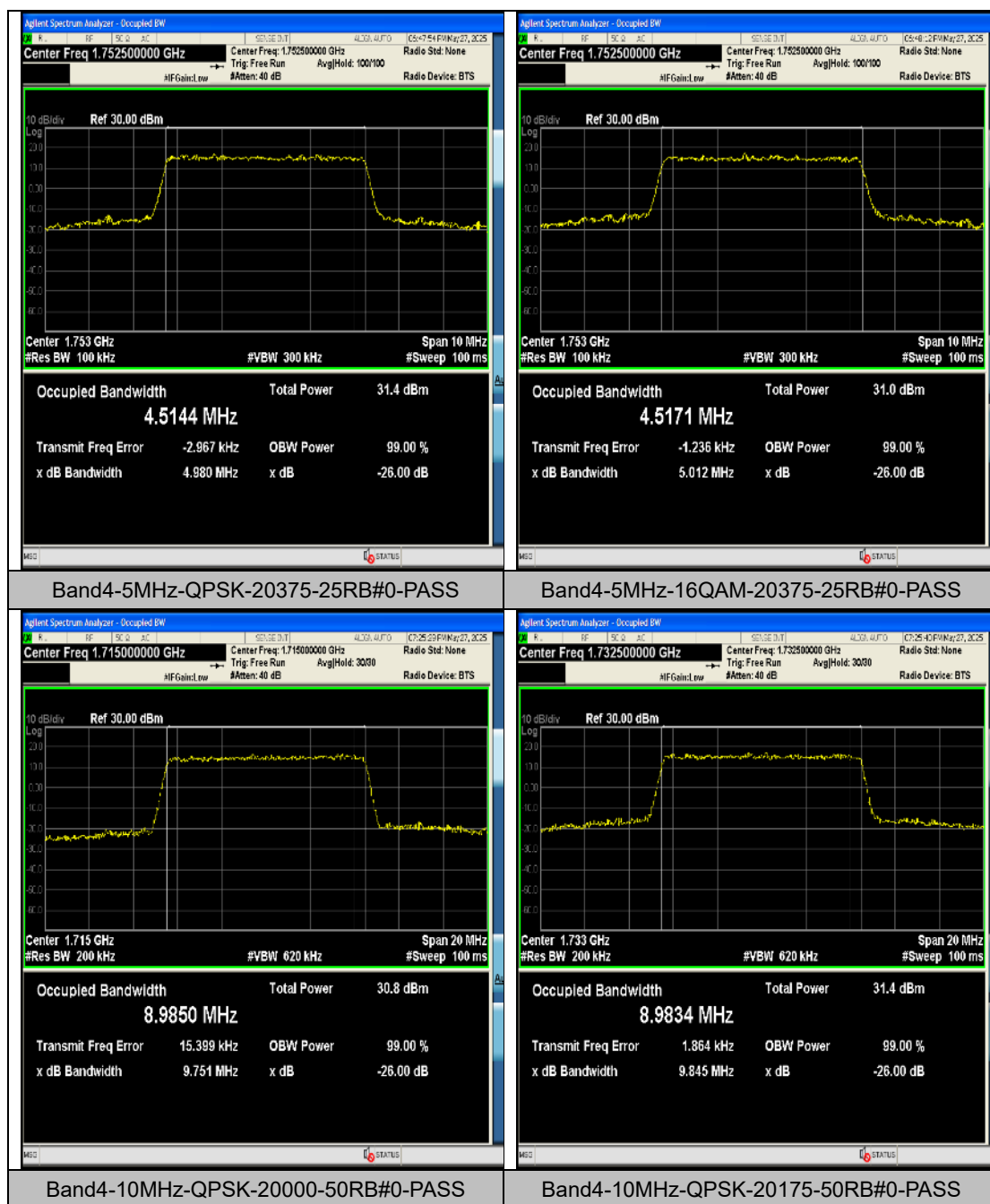
Test Graphs

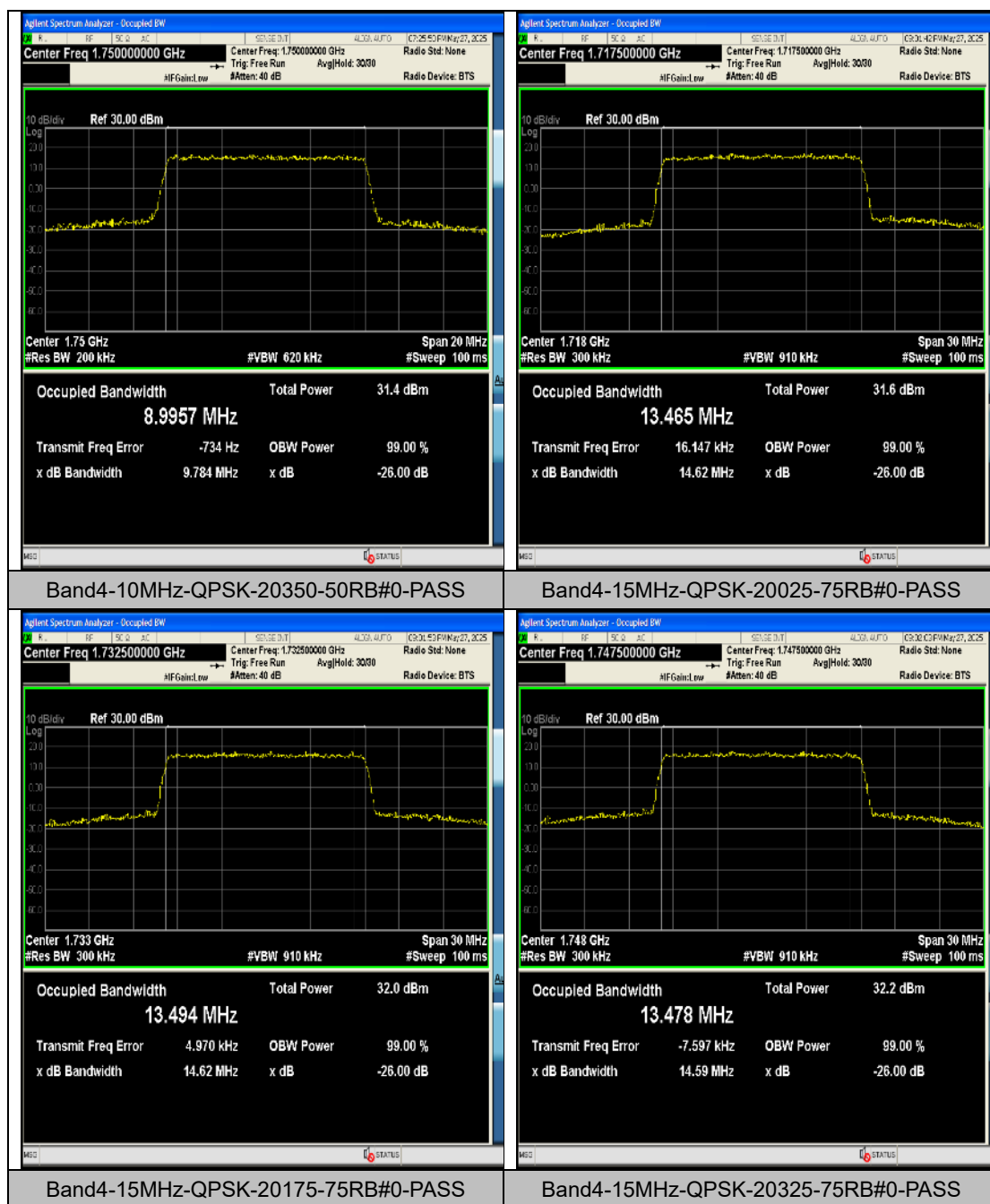


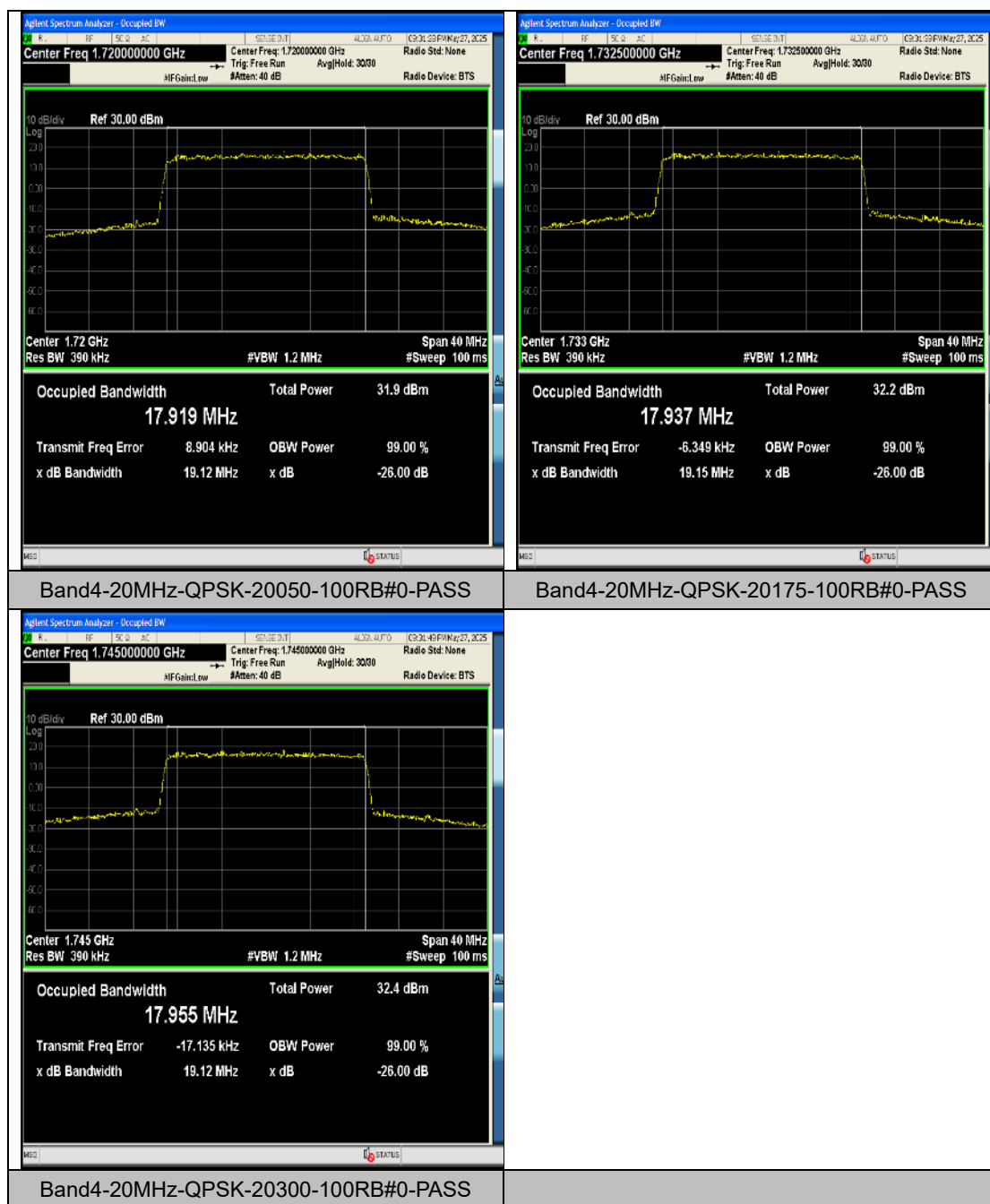












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	3MHz	QPSK	19965	1RB#0	-18.99	PASS
Band4	3MHz	16QAM	19965	1RB#0	-19.35	PASS
Band4	3MHz	QPSK	19965	1RB#14	-41.08	PASS
Band4	3MHz	16QAM	19965	1RB#14	-41.52	PASS
Band4	3MHz	QPSK	19965	15RB#0	-21.69	PASS
Band4	3MHz	16QAM	19965	15RB#0	-24.97	PASS
Band4	3MHz	QPSK	20385	1RB#0	-41.96	PASS
Band4	3MHz	16QAM	20385	1RB#0	-42.08	PASS
Band4	3MHz	QPSK	20385	1RB#14	-13.65	PASS
Band4	3MHz	16QAM	20385	1RB#14	-15.40	PASS
Band4	3MHz	QPSK	20385	15RB#0	-19.05	PASS
Band4	3MHz	16QAM	20385	15RB#0	-22.77	PASS
Band4	5MHz	QPSK	19975	1RB#0	-16.44	PASS
Band4	5MHz	16QAM	19975	1RB#0	-17.84	PASS
Band4	5MHz	QPSK	19975	1RB#24	-47.02	PASS
Band4	5MHz	16QAM	19975	1RB#24	-46.73	PASS
Band4	5MHz	QPSK	19975	25RB#0	-21.35	PASS
Band4	5MHz	16QAM	19975	25RB#0	-24.28	PASS
Band4	5MHz	QPSK	20375	1RB#0	-46.56	PASS
Band4	5MHz	16QAM	20375	1RB#0	-46.51	PASS
Band4	5MHz	QPSK	20375	1RB#24	-14.96	PASS
Band4	5MHz	16QAM	20375	1RB#24	-16.70	PASS
Band4	5MHz	QPSK	20375	25RB#0	-19.86	PASS
Band4	5MHz	16QAM	20375	25RB#0	-23.22	PASS
Band4	10MHz	QPSK	20000	1RB#0	-20.67	PASS
Band4	10MHz	16QAM	20000	1RB#0	-21.02	PASS
Band4	10MHz	QPSK	20000	1RB#49	-42.63	PASS
Band4	10MHz	16QAM	20000	1RB#49	-42.39	PASS
Band4	10MHz	QPSK	20350	1RB#0	-44.40	PASS
Band4	10MHz	16QAM	20350	1RB#0	-43.53	PASS
Band4	10MHz	QPSK	20350	1RB#49	-19.05	PASS
Band4	10MHz	16QAM	20350	1RB#49	-20.93	PASS
Band4	10MHz	QPSK	20000	50RB#0	-22.51	PASS
Band4	10MHz	QPSK	20350	50RB#0	-22.36	PASS
Band4	20MHz	QPSK	20050	100RB#0	-26.38	PASS
Band4	20MHz	QPSK	20300	100RB#0	-25.60	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	-22.42	PASS

Band4	1.4MHz	16QAM	19957	1RB#0	-23.72	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-33.35	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-33.89	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-21.60	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-23.36	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-35.05	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-36.15	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-20.97	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-21.76	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-19.14	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-21.91	PASS
Band4	20MHz	QPSK	20050	1RB#0	-39.35	PASS
Band4	20MHz	16QAM	20050	1RB#0	-40.30	PASS
Band4	20MHz	QPSK	20050	1RB#99	-42.17	PASS
Band4	20MHz	16QAM	20050	1RB#99	-42.32	PASS
Band4	20MHz	QPSK	20300	1RB#0	-43.95	PASS
Band4	20MHz	16QAM	20300	1RB#0	-43.48	PASS
Band4	20MHz	QPSK	20300	1RB#99	-39.45	PASS
Band4	20MHz	16QAM	20300	1RB#99	-38.87	PASS
Band4	15MHz	QPSK	20025	1RB#0	-29.31	PASS
Band4	15MHz	16QAM	20025	1RB#0	-29.24	PASS
Band4	15MHz	QPSK	20025	1RB#74	-48.15	PASS
Band4	15MHz	16QAM	20025	1RB#74	-47.88	PASS
Band4	15MHz	QPSK	20325	1RB#0	-48.62	PASS
Band4	15MHz	16QAM	20325	1RB#0	-49.09	PASS
Band4	15MHz	QPSK	20325	1RB#74	-27.58	PASS
Band4	15MHz	16QAM	20325	1RB#74	-27.76	PASS
Band4	15MHz	QPSK	20025	75RB#0	-23.16	PASS
Band4	15MHz	QPSK	20325	75RB#0	-22.77	PASS

Test Graphs

