



Appendix B: Test Data for E-UTRA Band 4

Product Name: 4G module

Test Model: Air780E

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Eason Zhou
Supervised by:	Nick Peng



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Scan code to check authenticity



B.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	19.27	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	19.49	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	19.24	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	18.80	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	19.07	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	18.81	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	19.28	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	18.28	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	19.24	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	18.26	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	19.32	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	18.34	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	18.42	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	18.01	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	19.76	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	18.36	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	19.80	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	18.47	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	19.95	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	19.18	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	19.79	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	19.17	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	19.76	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	19.24	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	19.82	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	18.81	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	18.95	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	18.31	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	19.95	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	19.45	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	19.99	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	19.49	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	19.87	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	19.65	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	20.14	PASS



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Scan code to check authenticity



Band4	1.4MHz	16QAM	20393	3RB#0	19.16	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	20.14	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	19.15	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	20.19	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	19.03	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	19.27	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	18.56	PASS
Band4	3MHz	QPSK	19965	1RB#0	21.52	PASS
Band4	3MHz	16QAM	19965	1RB#0	20.84	PASS
Band4	3MHz	QPSK	19965	1RB#8	21.49	PASS
Band4	3MHz	16QAM	19965	1RB#8	20.89	PASS
Band4	3MHz	QPSK	19965	1RB#14	21.40	PASS
Band4	3MHz	16QAM	19965	1RB#14	20.79	PASS
Band4	3MHz	QPSK	19965	8RB#0	20.88	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.22	PASS
Band4	3MHz	QPSK	19965	8RB#4	20.79	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.17	PASS
Band4	3MHz	QPSK	19965	8RB#7	20.68	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.12	PASS
Band4	3MHz	QPSK	19965	15RB#0	20.74	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.09	PASS
Band4	3MHz	QPSK	20175	1RB#0	21.71	PASS
Band4	3MHz	16QAM	20175	1RB#0	20.47	PASS
Band4	3MHz	QPSK	20175	1RB#8	21.84	PASS
Band4	3MHz	16QAM	20175	1RB#8	20.43	PASS
Band4	3MHz	QPSK	20175	1RB#14	21.70	PASS
Band4	3MHz	16QAM	20175	1RB#14	20.41	PASS
Band4	3MHz	QPSK	20175	8RB#0	20.99	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.59	PASS
Band4	3MHz	QPSK	20175	8RB#4	20.97	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.48	PASS
Band4	3MHz	QPSK	20175	8RB#7	20.96	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.51	PASS
Band4	3MHz	QPSK	20175	15RB#0	20.99	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.19	PASS
Band4	3MHz	QPSK	20385	1RB#0	21.39	PASS
Band4	3MHz	16QAM	20385	1RB#0	20.93	PASS
Band4	3MHz	QPSK	20385	1RB#8	21.35	PASS
Band4	3MHz	16QAM	20385	1RB#8	20.92	PASS
Band4	3MHz	QPSK	20385	1RB#14	21.40	PASS





Band4	3MHz	16QAM	20385	1RB#14	20.94	PASS
Band4	3MHz	QPSK	20385	8RB#0	20.67	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.12	PASS
Band4	3MHz	QPSK	20385	8RB#4	20.69	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.07	PASS
Band4	3MHz	QPSK	20385	8RB#7	20.64	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.01	PASS
Band4	3MHz	QPSK	20385	15RB#0	20.66	PASS
Band4	3MHz	16QAM	20385	15RB#0	19.98	PASS
Band4	5MHz	QPSK	19975	1RB#0	21.55	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.27	PASS
Band4	5MHz	QPSK	19975	1RB#12	21.48	PASS
Band4	5MHz	16QAM	19975	1RB#12	20.26	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.49	PASS
Band4	5MHz	16QAM	19975	1RB#24	20.32	PASS
Band4	5MHz	QPSK	19975	12RB#0	20.77	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.10	PASS
Band4	5MHz	QPSK	19975	12RB#6	20.84	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.09	PASS
Band4	5MHz	QPSK	19975	12RB#13	20.77	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.05	PASS
Band4	5MHz	QPSK	19975	25RB#0	20.72	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.13	PASS
Band4	5MHz	QPSK	20175	1RB#0	21.50	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.32	PASS
Band4	5MHz	QPSK	20175	1RB#12	21.60	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.33	PASS
Band4	5MHz	QPSK	20175	1RB#24	21.91	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.02	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.07	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.33	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.06	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.33	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.02	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.44	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.05	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.35	PASS
Band4	5MHz	QPSK	20375	1RB#0	21.55	PASS
Band4	5MHz	16QAM	20375	1RB#0	20.43	PASS
Band4	5MHz	QPSK	20375	1RB#12	21.48	PASS





Band4	5MHz	16QAM	20375	1RB#12	20.42	PASS
Band4	5MHz	QPSK	20375	1RB#24	21.46	PASS
Band4	5MHz	16QAM	20375	1RB#24	20.43	PASS
Band4	5MHz	QPSK	20375	12RB#0	20.84	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.01	PASS
Band4	5MHz	QPSK	20375	12RB#6	20.77	PASS
Band4	5MHz	16QAM	20375	12RB#6	19.96	PASS
Band4	5MHz	QPSK	20375	12RB#13	20.71	PASS
Band4	5MHz	16QAM	20375	12RB#13	19.99	PASS
Band4	5MHz	QPSK	20375	25RB#0	20.77	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.41	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.79	PASS
Band4	10MHz	QPSK	20000	1RB#24	21.33	PASS
Band4	10MHz	16QAM	20000	1RB#24	20.73	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.38	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.81	PASS
Band4	10MHz	QPSK	20000	25RB#0	20.65	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	20.68	PASS
Band4	10MHz	16QAM	20000	25RB#12	19.97	PASS
Band4	10MHz	QPSK	20000	25RB#25	20.68	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	20.64	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.01	PASS
Band4	10MHz	QPSK	20175	1RB#0	21.72	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.02	PASS
Band4	10MHz	QPSK	20175	1RB#24	21.71	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.02	PASS
Band4	10MHz	QPSK	20175	1RB#49	21.70	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.03	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.04	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.39	PASS
Band4	10MHz	QPSK	20175	25RB#12	20.93	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.38	PASS
Band4	10MHz	QPSK	20175	25RB#25	20.89	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.42	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.35	PASS
Band4	10MHz	QPSK	20350	1RB#0	21.36	PASS





Band4	10MHz	16QAM	20350	1RB#0	21.44	PASS
Band4	10MHz	QPSK	20350	1RB#24	21.29	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.33	PASS
Band4	10MHz	QPSK	20350	1RB#49	21.28	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.27	PASS
Band4	10MHz	QPSK	20350	25RB#0	20.78	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.11	PASS
Band4	10MHz	QPSK	20350	25RB#12	20.79	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.07	PASS
Band4	10MHz	QPSK	20350	25RB#25	20.76	PASS
Band4	10MHz	16QAM	20350	25RB#25	19.99	PASS
Band4	10MHz	QPSK	20350	50RB#0	20.81	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.07	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.43	PASS
Band4	15MHz	16QAM	20025	1RB#0	20.83	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.33	PASS
Band4	15MHz	16QAM	20025	1RB#38	20.77	PASS
Band4	15MHz	QPSK	20025	1RB#74	21.40	PASS
Band4	15MHz	16QAM	20025	1RB#74	20.87	PASS
Band4	15MHz	QPSK	20025	38RB#0	20.70	PASS
Band4	15MHz	16QAM	20025	38RB#0	20.71	PASS
Band4	15MHz	QPSK	20025	38RB#18	20.71	PASS
Band4	15MHz	16QAM	20025	38RB#18	20.70	PASS
Band4	15MHz	QPSK	20025	38RB#37	20.70	PASS
Band4	15MHz	16QAM	20025	38RB#37	20.70	PASS
Band4	15MHz	QPSK	20025	75RB#0	20.70	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.04	PASS
Band4	15MHz	QPSK	20175	1RB#0	21.19	PASS
Band4	15MHz	16QAM	20175	1RB#0	20.80	PASS
Band4	15MHz	QPSK	20175	1RB#38	21.25	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.26	PASS
Band4	15MHz	QPSK	20175	1RB#74	21.88	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.19	PASS
Band4	15MHz	QPSK	20175	38RB#0	20.95	PASS
Band4	15MHz	16QAM	20175	38RB#0	20.94	PASS
Band4	15MHz	QPSK	20175	38RB#18	20.93	PASS
Band4	15MHz	16QAM	20175	38RB#18	20.93	PASS
Band4	15MHz	QPSK	20175	38RB#37	20.93	PASS
Band4	15MHz	16QAM	20175	38RB#37	20.81	PASS
Band4	15MHz	QPSK	20175	75RB#0	20.86	PASS





Band4	15MHz	16QAM	20175	75RB#0	20.28	PASS
Band4	15MHz	QPSK	20325	1RB#0	21.38	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.28	PASS
Band4	15MHz	QPSK	20325	1RB#38	21.27	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.14	PASS
Band4	15MHz	QPSK	20325	1RB#74	21.29	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.01	PASS
Band4	15MHz	QPSK	20325	38RB#0	20.69	PASS
Band4	15MHz	16QAM	20325	38RB#0	20.70	PASS
Band4	15MHz	QPSK	20325	38RB#18	20.70	PASS
Band4	15MHz	16QAM	20325	38RB#18	20.73	PASS
Band4	15MHz	QPSK	20325	38RB#37	20.73	PASS
Band4	15MHz	16QAM	20325	38RB#37	20.74	PASS
Band4	15MHz	QPSK	20325	75RB#0	20.72	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.06	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.91	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.84	PASS
Band4	20MHz	QPSK	20050	1RB#49	21.78	PASS
Band4	20MHz	16QAM	20050	1RB#49	20.80	PASS
Band4	20MHz	QPSK	20050	1RB#99	21.95	PASS
Band4	20MHz	16QAM	20050	1RB#99	20.96	PASS
Band4	20MHz	QPSK	20050	50RB#0	20.72	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.03	PASS
Band4	20MHz	QPSK	20050	50RB#25	20.69	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.05	PASS
Band4	20MHz	QPSK	20050	50RB#50	20.75	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.19	PASS
Band4	20MHz	QPSK	20050	100RB#0	20.79	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.07	PASS
Band4	20MHz	QPSK	20175	1RB#0	21.59	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.56	PASS
Band4	20MHz	QPSK	20175	1RB#49	21.70	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.62	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.56	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.50	PASS
Band4	20MHz	QPSK	20175	50RB#0	20.94	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.23	PASS
Band4	20MHz	QPSK	20175	50RB#25	20.90	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.22	PASS
Band4	20MHz	QPSK	20175	50RB#50	20.98	PASS





Band4	20MHz	16QAM	20175	50RB#50	20.25	PASS
Band4	20MHz	QPSK	20175	100RB#0	20.94	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.35	PASS
Band4	20MHz	QPSK	20300	1RB#0	21.82	PASS
Band4	20MHz	16QAM	20300	1RB#0	20.58	PASS
Band4	20MHz	QPSK	20300	1RB#49	21.64	PASS
Band4	20MHz	16QAM	20300	1RB#49	20.38	PASS
Band4	20MHz	QPSK	20300	1RB#99	21.53	PASS
Band4	20MHz	16QAM	20300	1RB#99	20.87	PASS
Band4	20MHz	QPSK	20300	50RB#0	20.92	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.24	PASS
Band4	20MHz	QPSK	20300	50RB#25	20.90	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.25	PASS
Band4	20MHz	QPSK	20300	50RB#50	20.67	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.09	PASS
Band4	20MHz	QPSK	20300	100RB#0	20.86	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.07	PASS





B.2 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	3.57	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	4.17	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.33	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	4.92	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.87	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	4.34	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.72	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.31	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.33	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	3.79	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.23	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	4.86	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	3.53	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.18	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.30	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	4.95	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.92	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.62	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.67	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.36	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.34	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.08	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.15	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	4.83	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	3.62	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	4.36	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.87	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.39	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.05	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.86	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.04	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.62	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.31	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.18	13	PASS





Band4	5MHz	QPSK	20375	25RB#0	4.71	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.24	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	3.55	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	4.19	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.95	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.56	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.12	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	4.75	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.05	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.68	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	2.99	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	4.06	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.67	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.26	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	3.48	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	4.13	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.26	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.70	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.17	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	4.73	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.31	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.77	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	3.43	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	4.01	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.93	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.39	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.18	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	4.02	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.03	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.65	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.00	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	4.77	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.02	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.67	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	3.44	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	4.03	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.69	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.29	13	PASS



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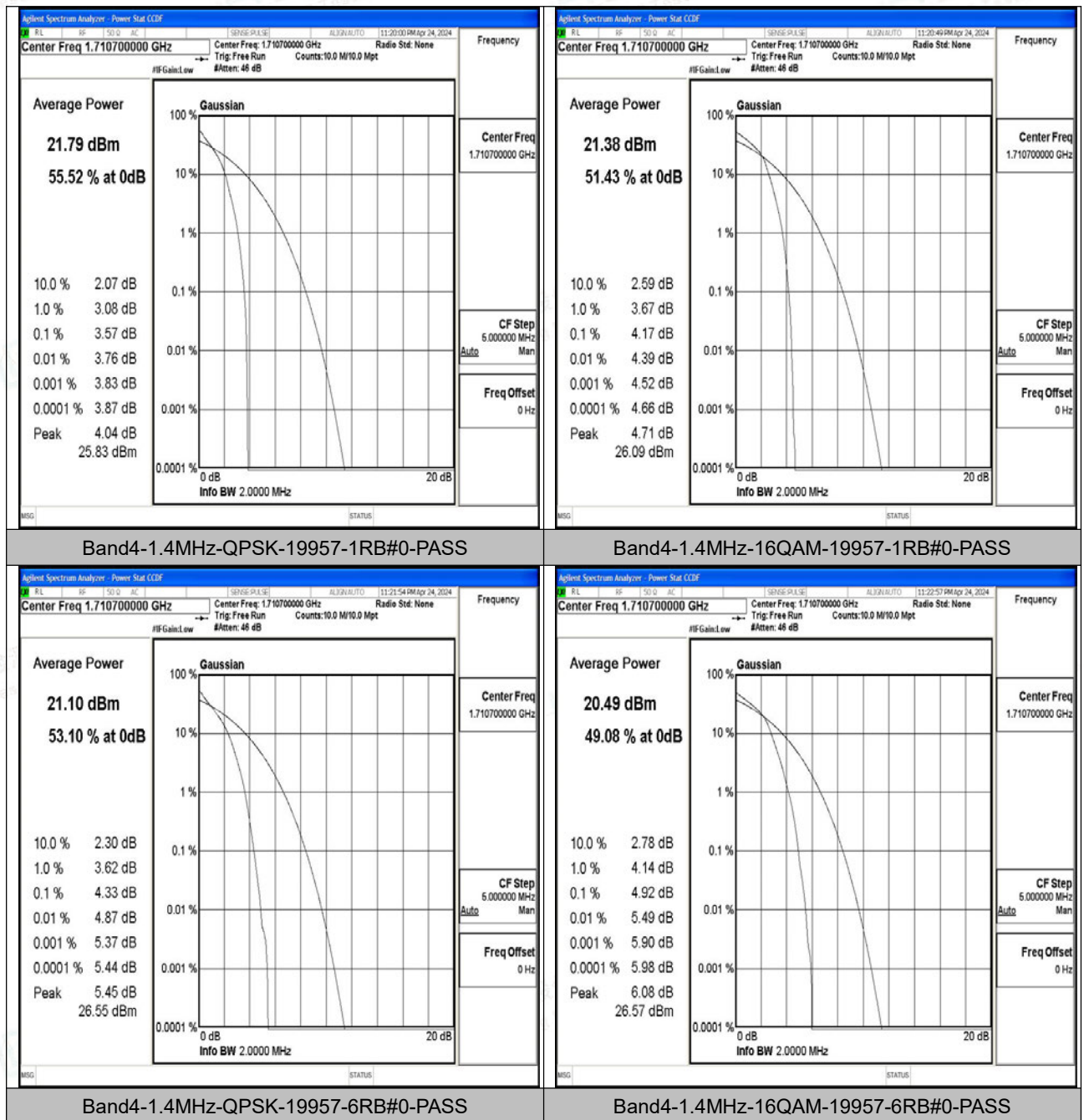
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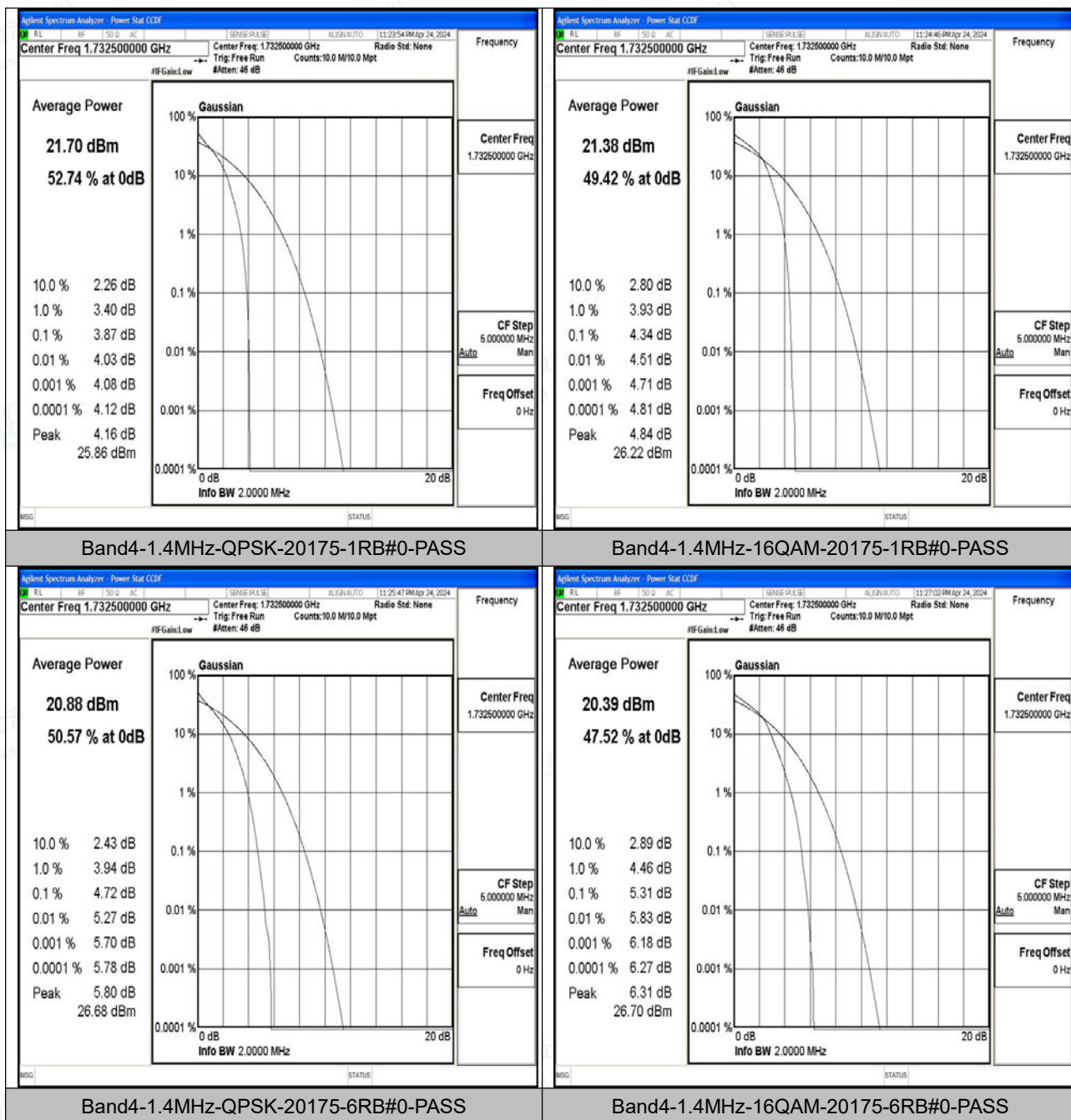
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Test Graphs



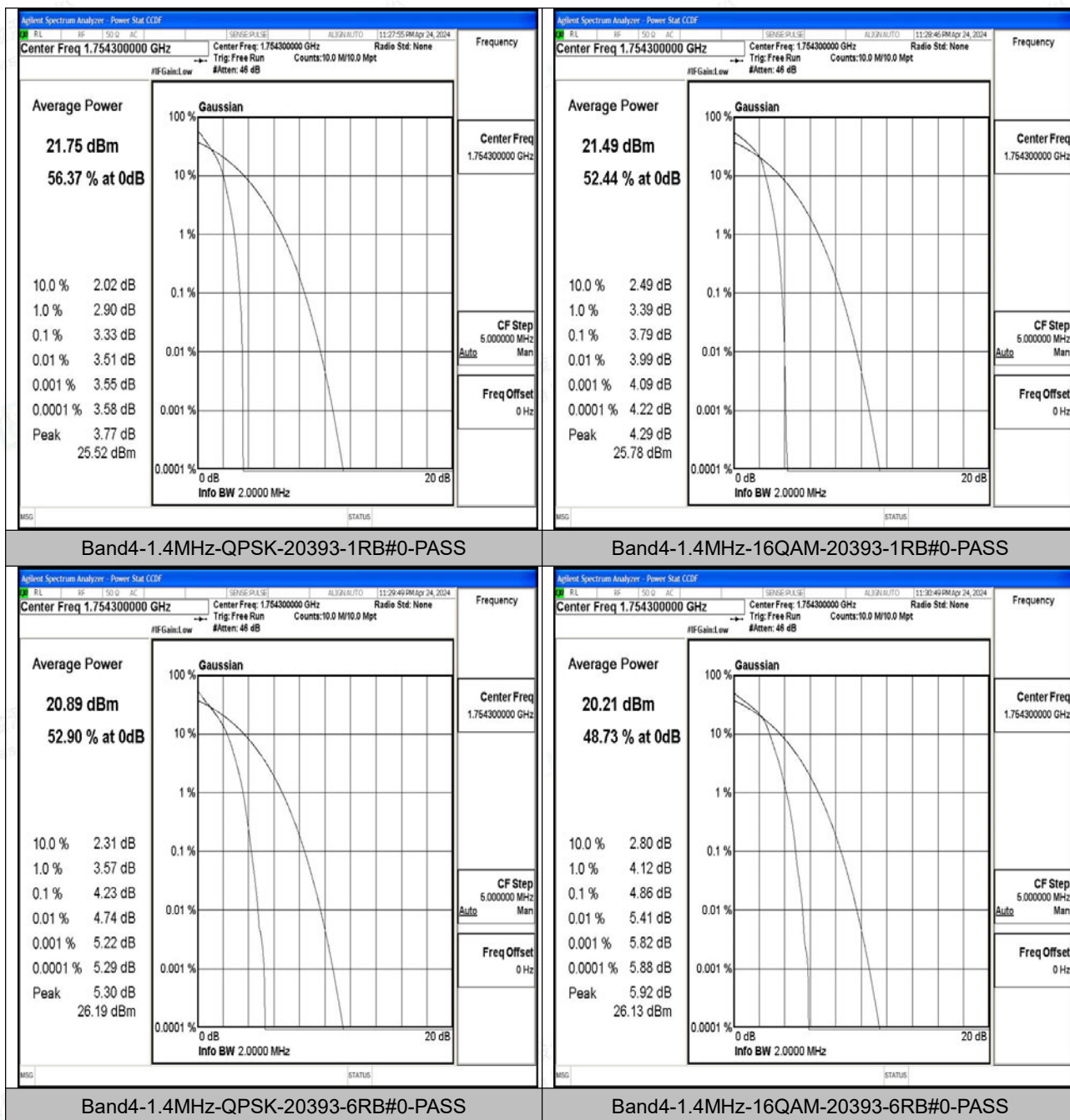


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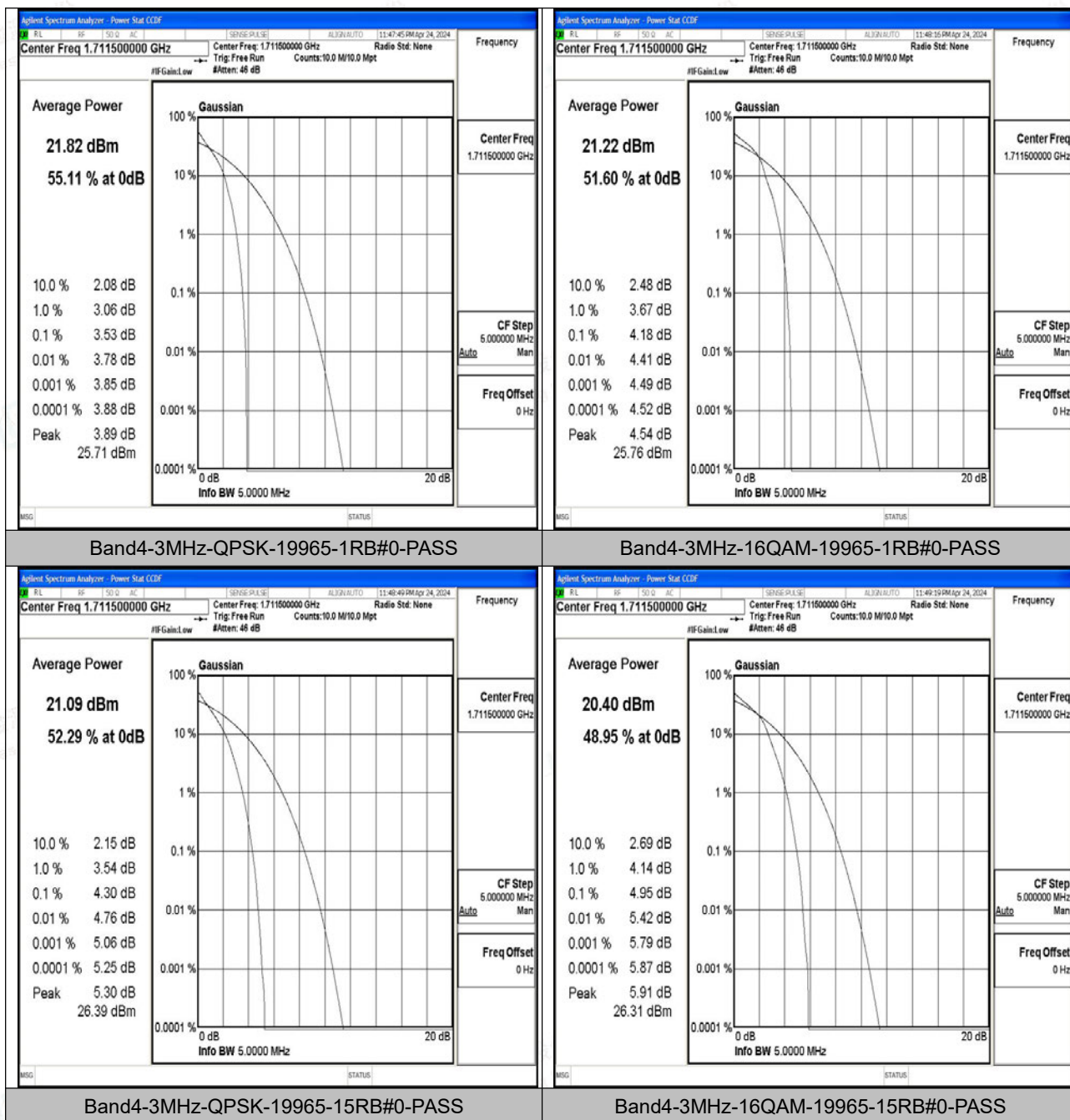


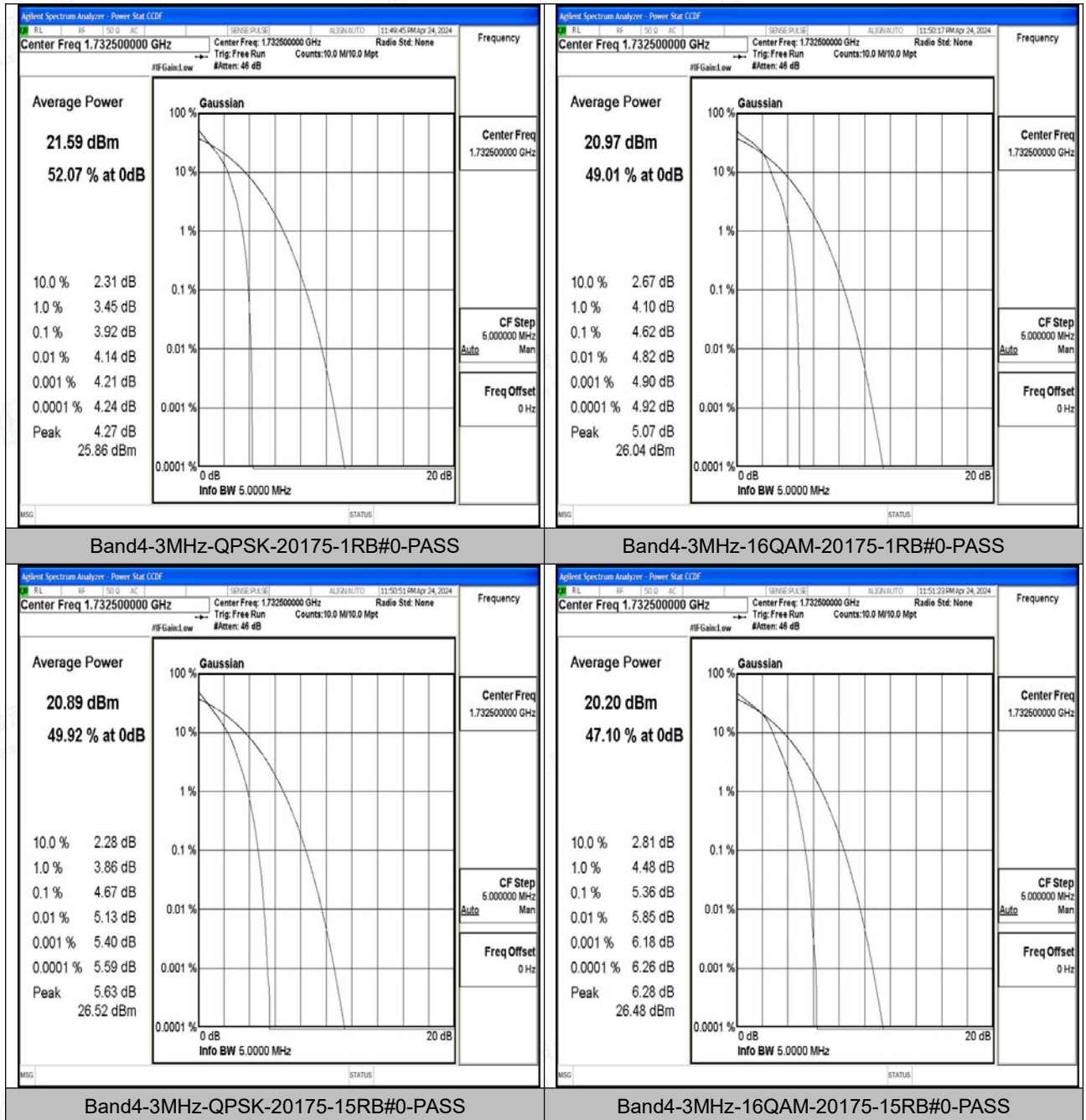
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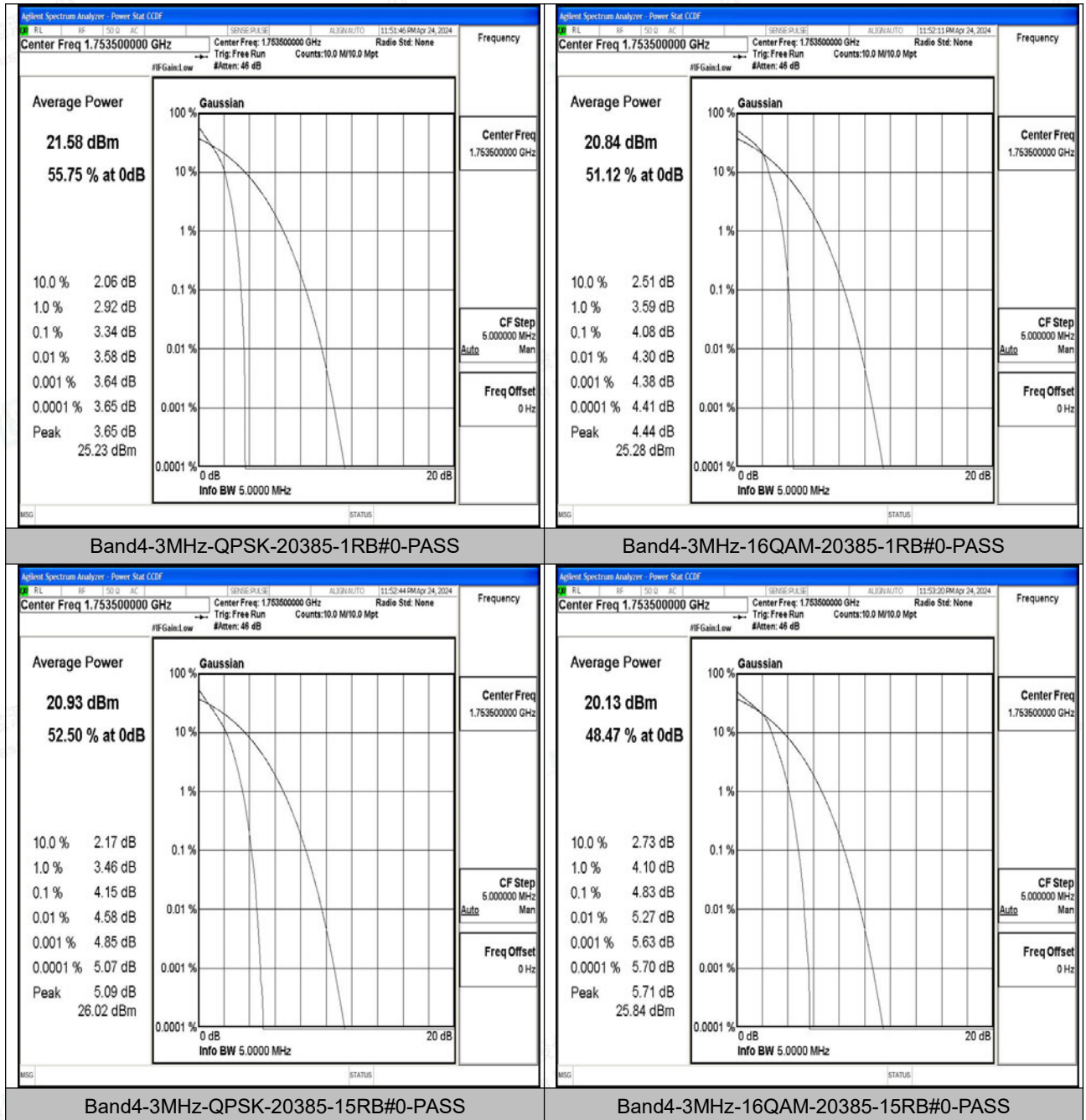


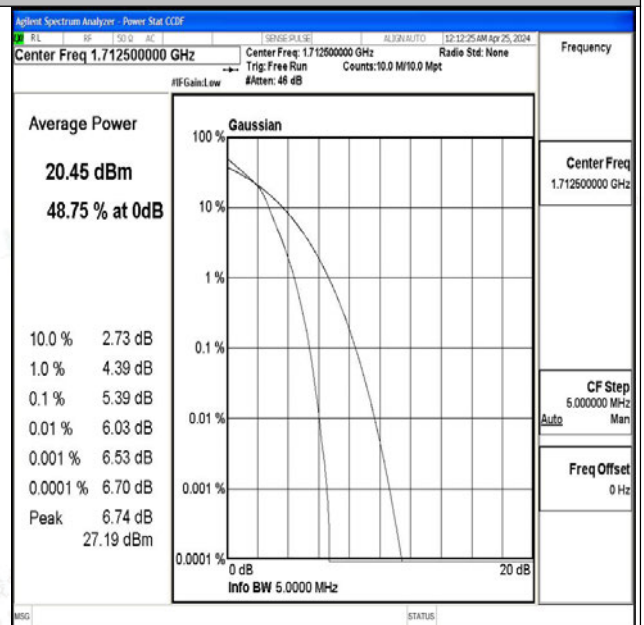
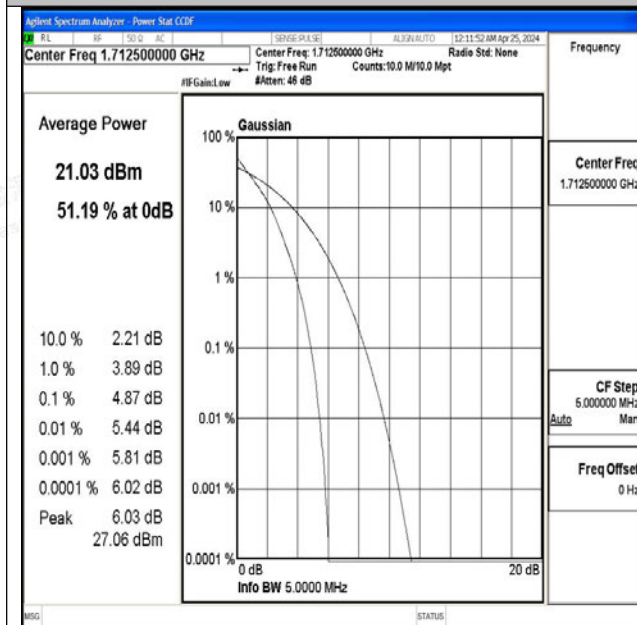
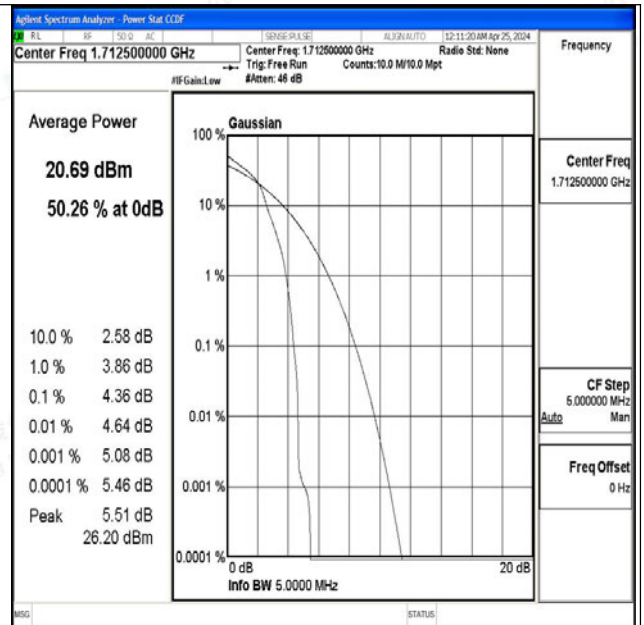
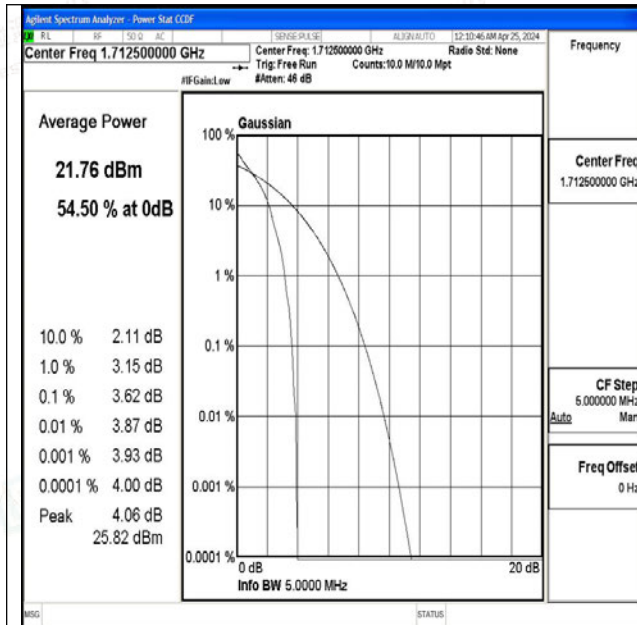
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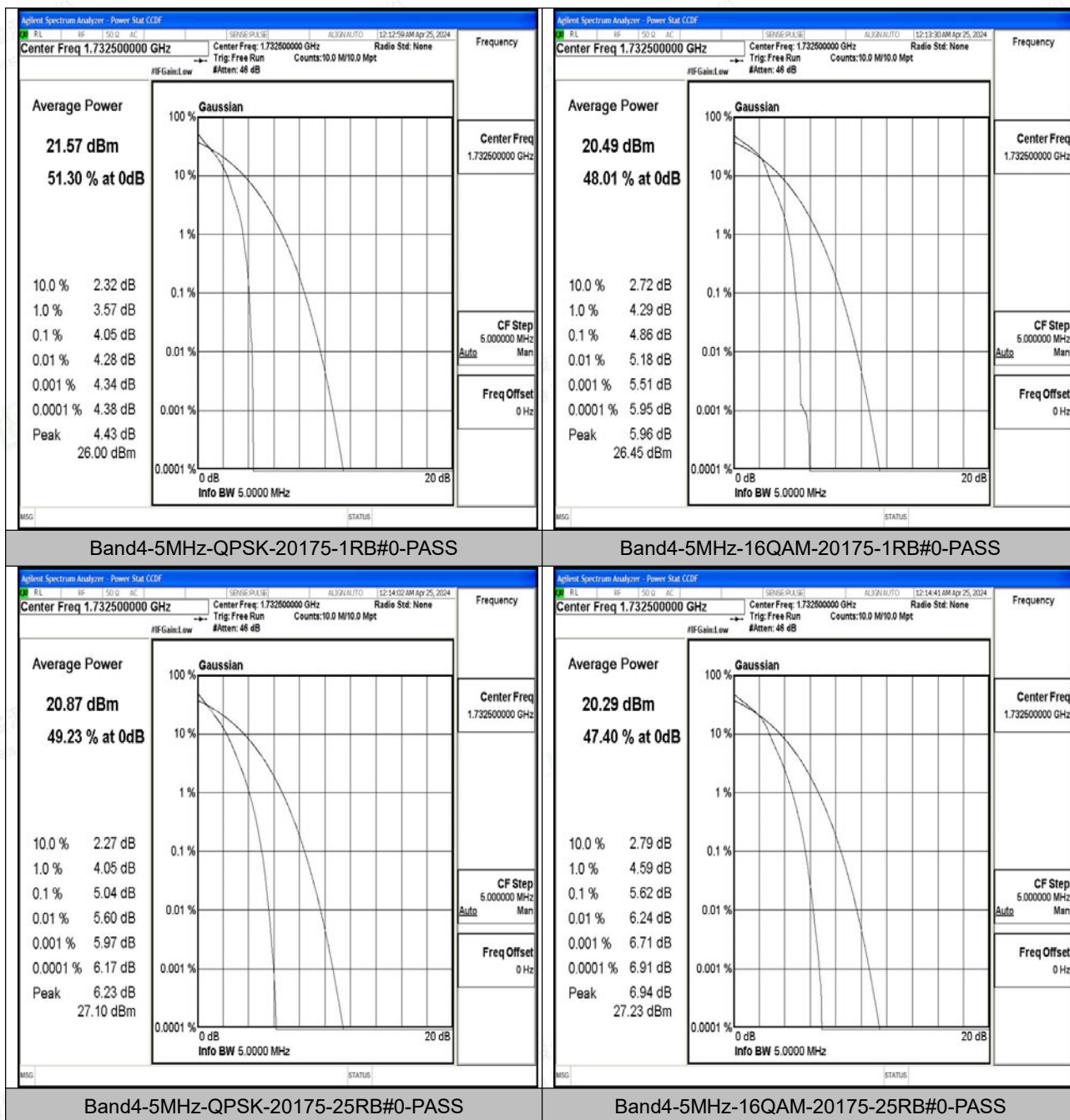


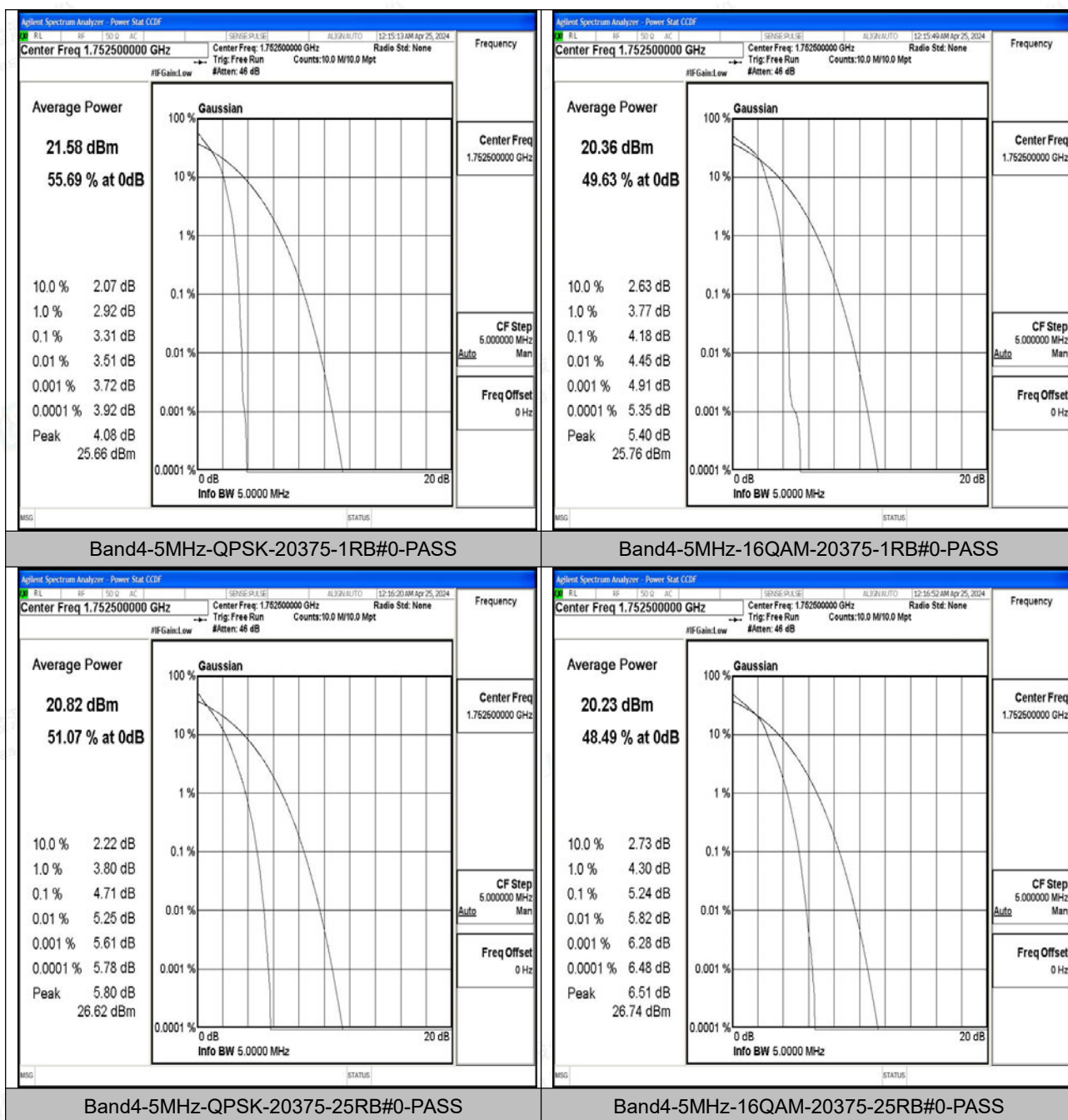
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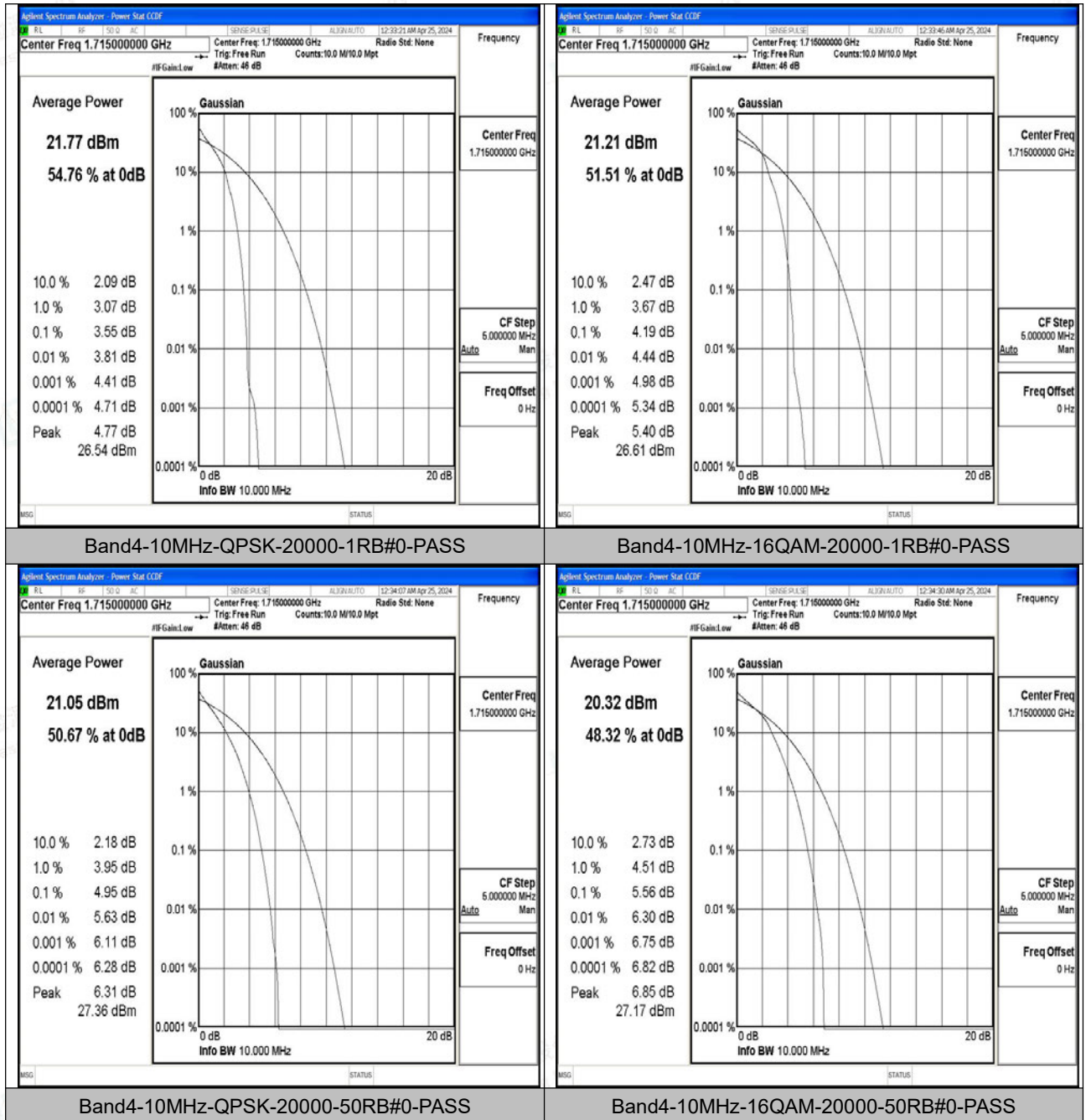
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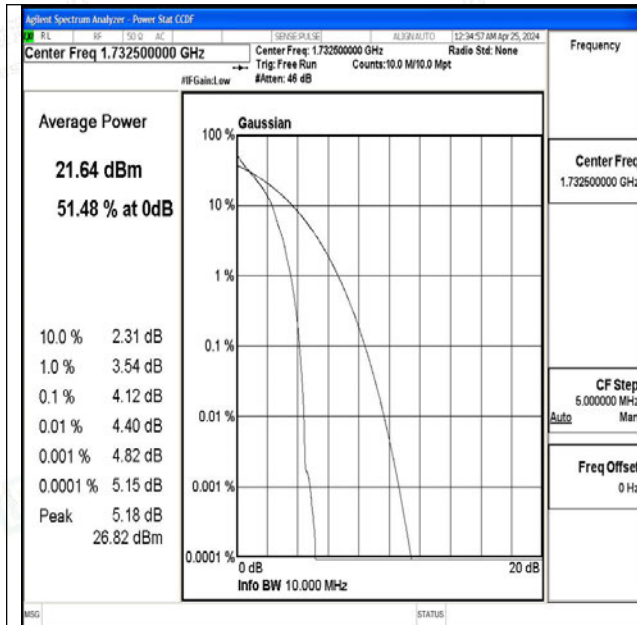
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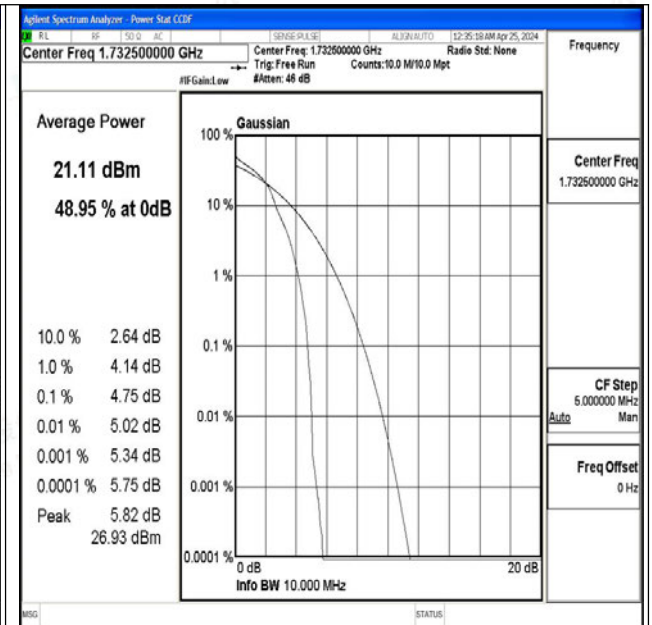




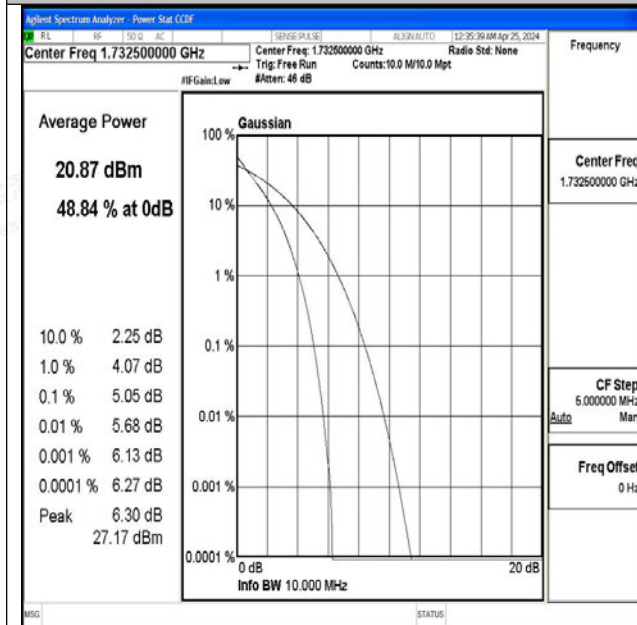




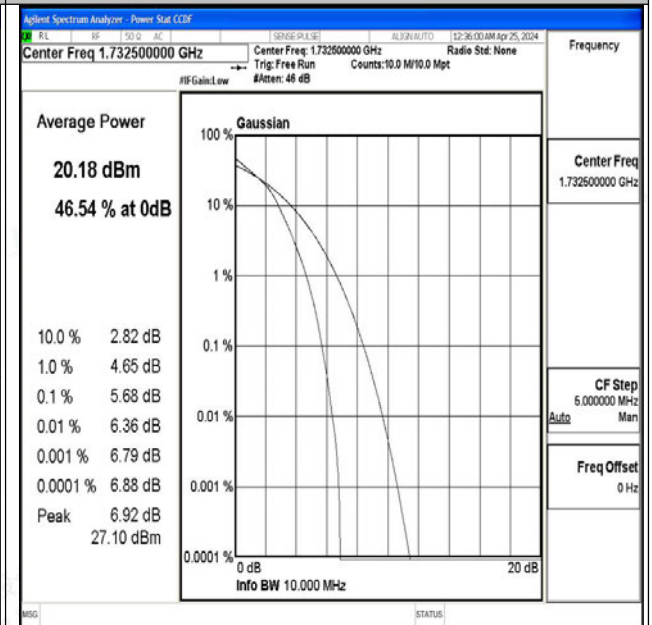
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Band4-10MHz-16QAM-20175-1RB#0-PASS



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



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

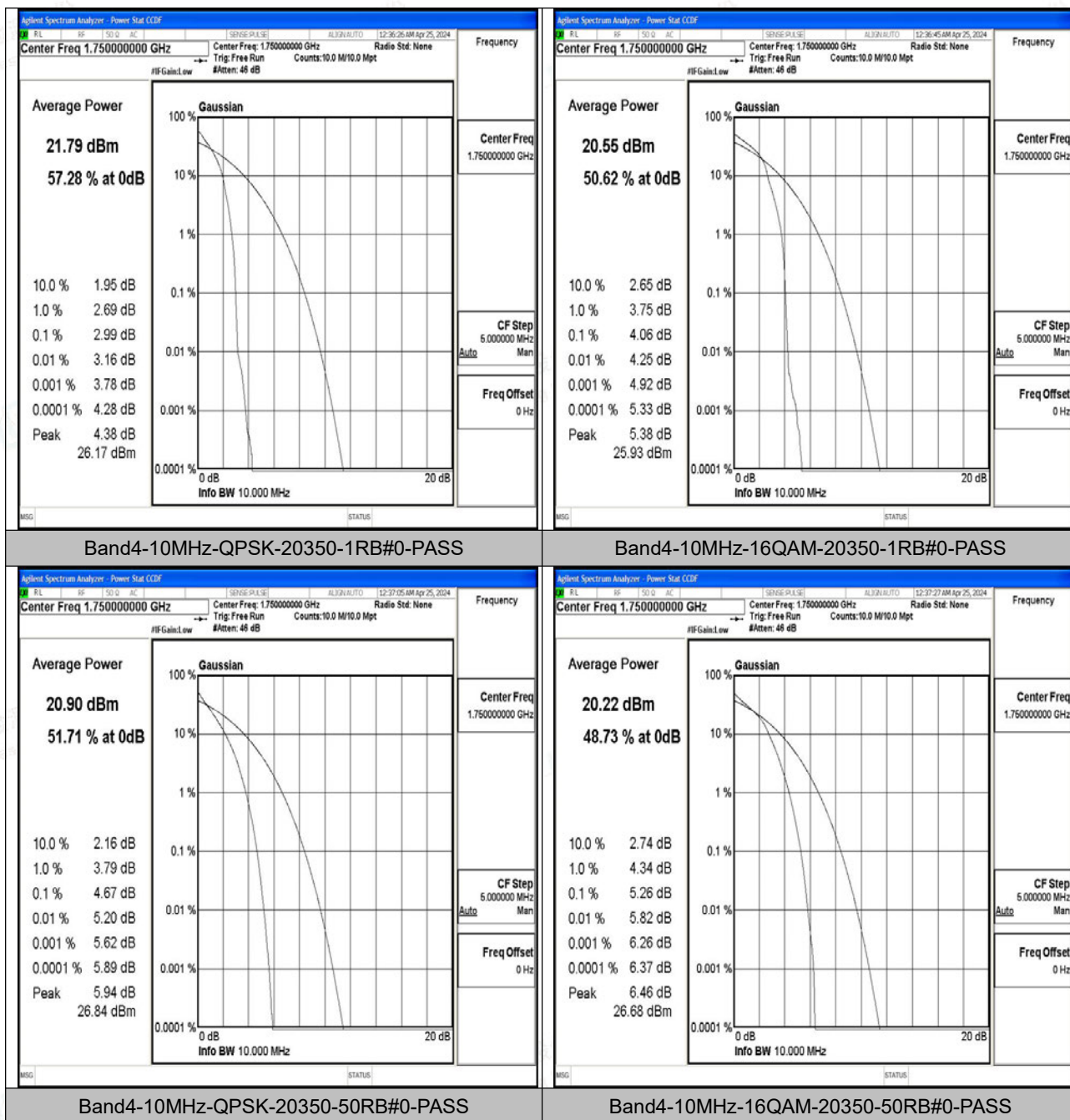


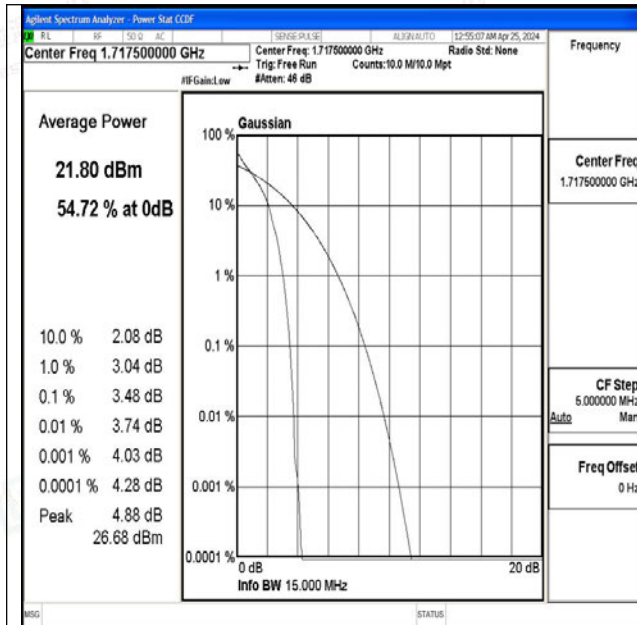
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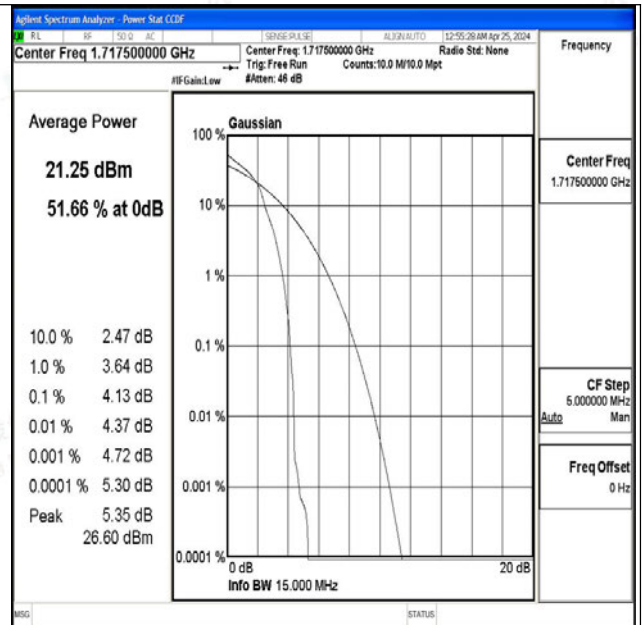
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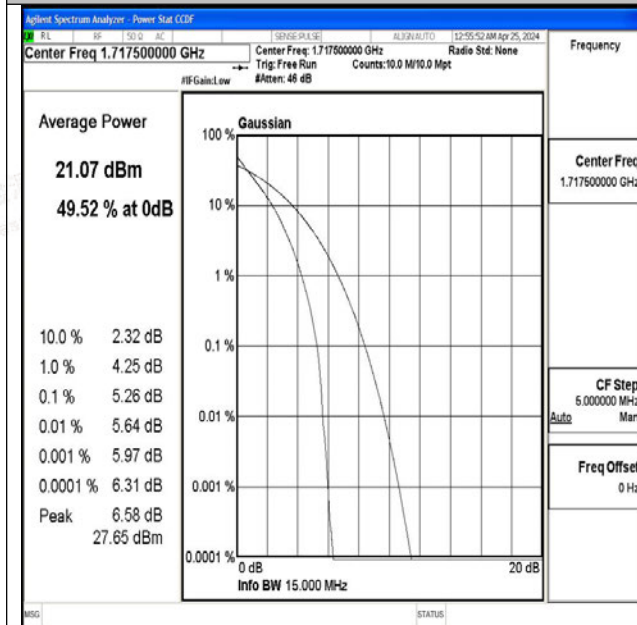




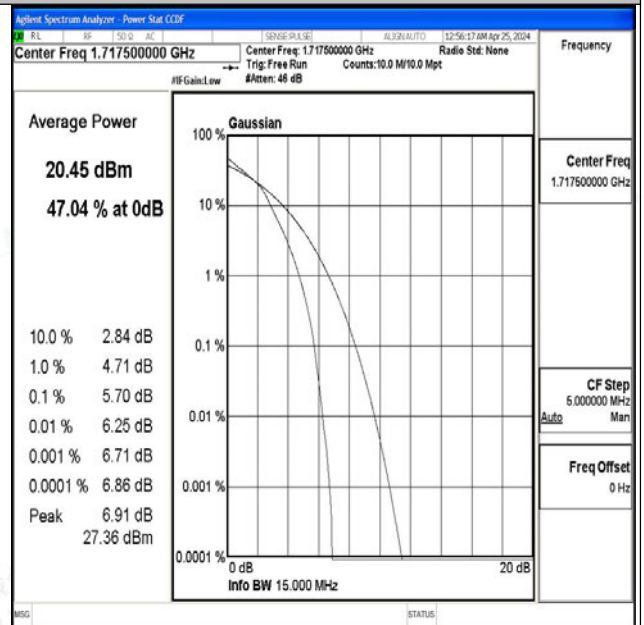
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Band4-15MHz-16QAM-20025-1RB#0-PASS

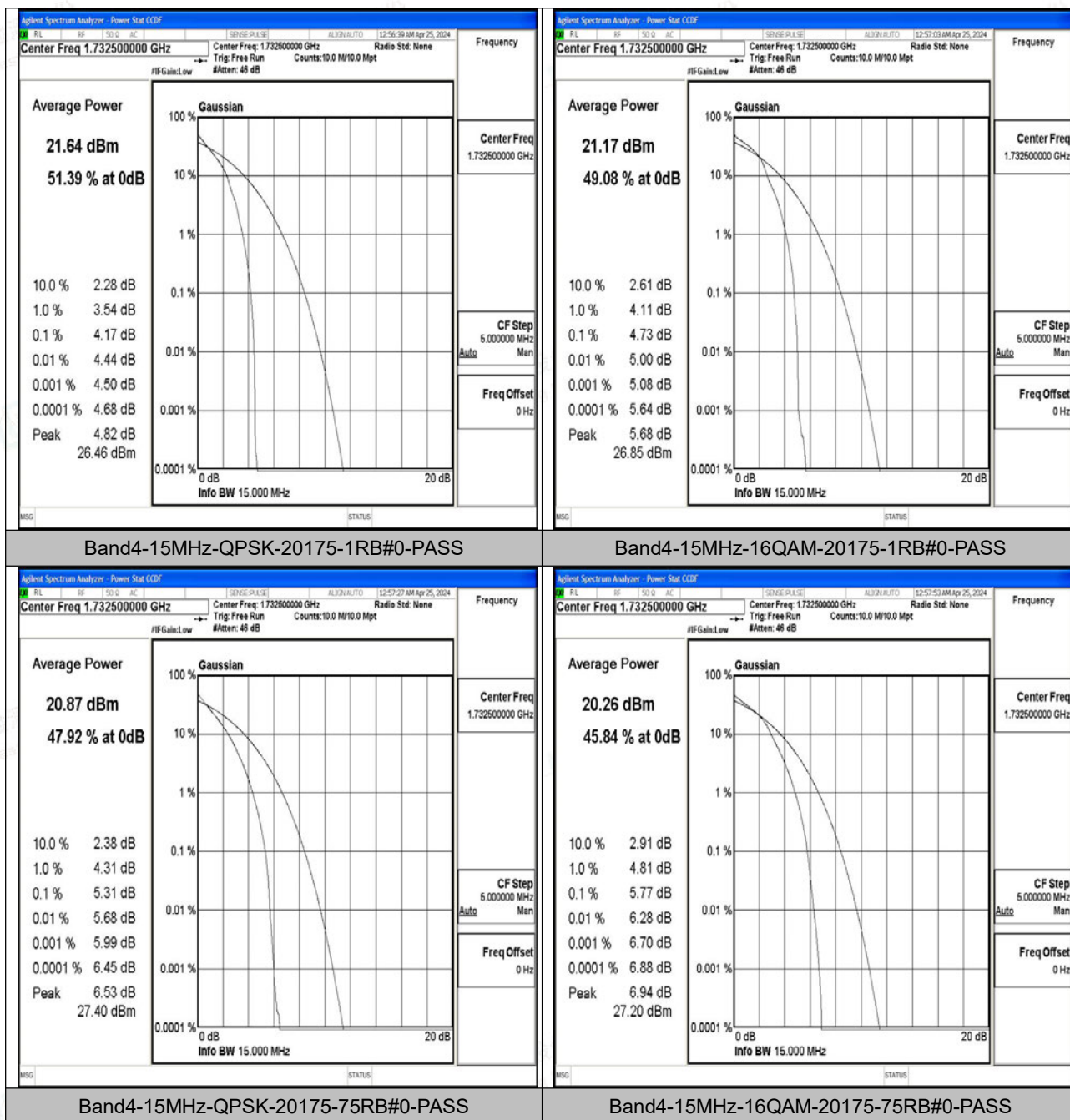


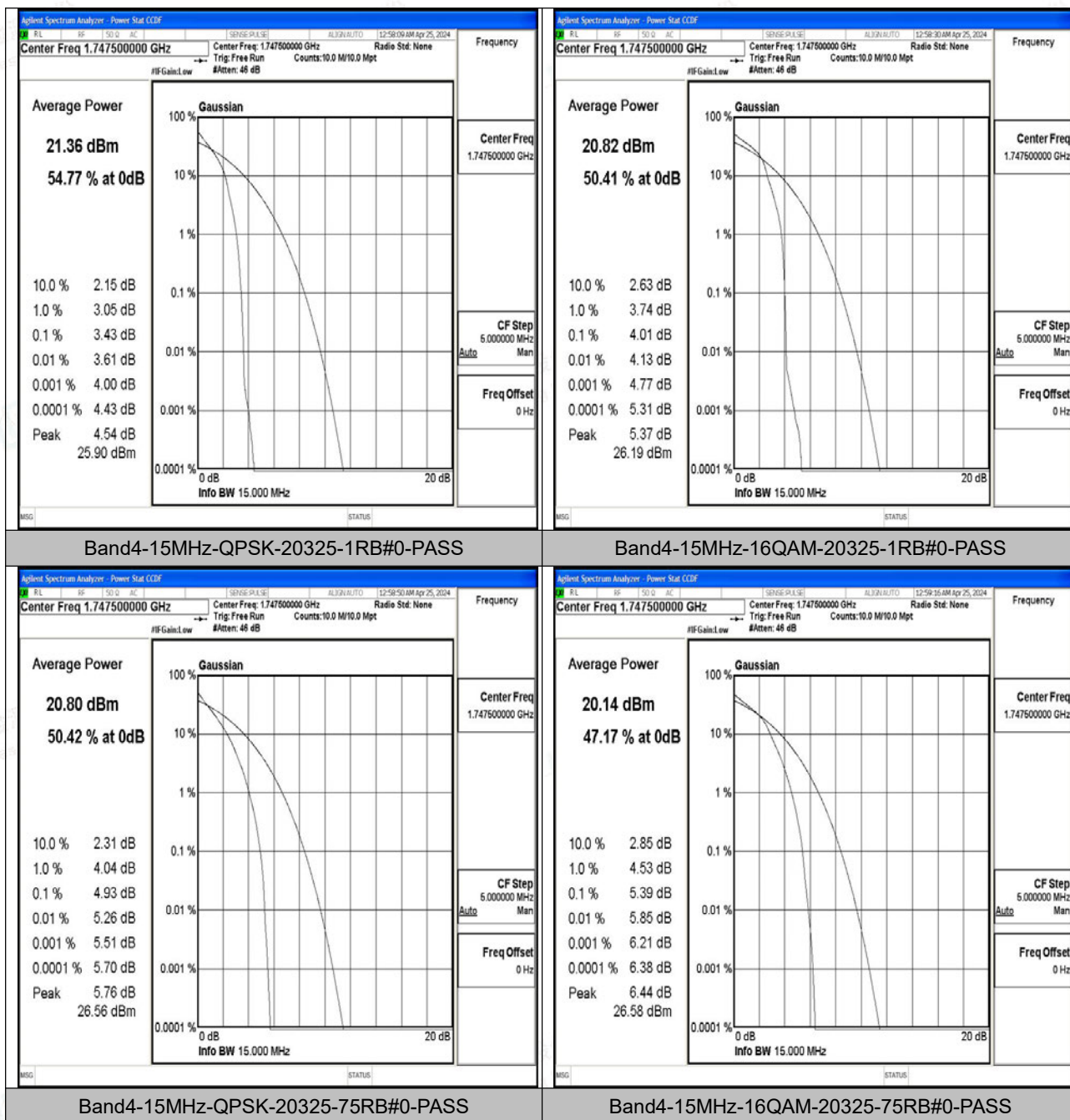
Band4-15MHz-QPSK-20025-75RB#0-PASS



Band4-15MHz-16QAM-20025-75RB#0-PASS





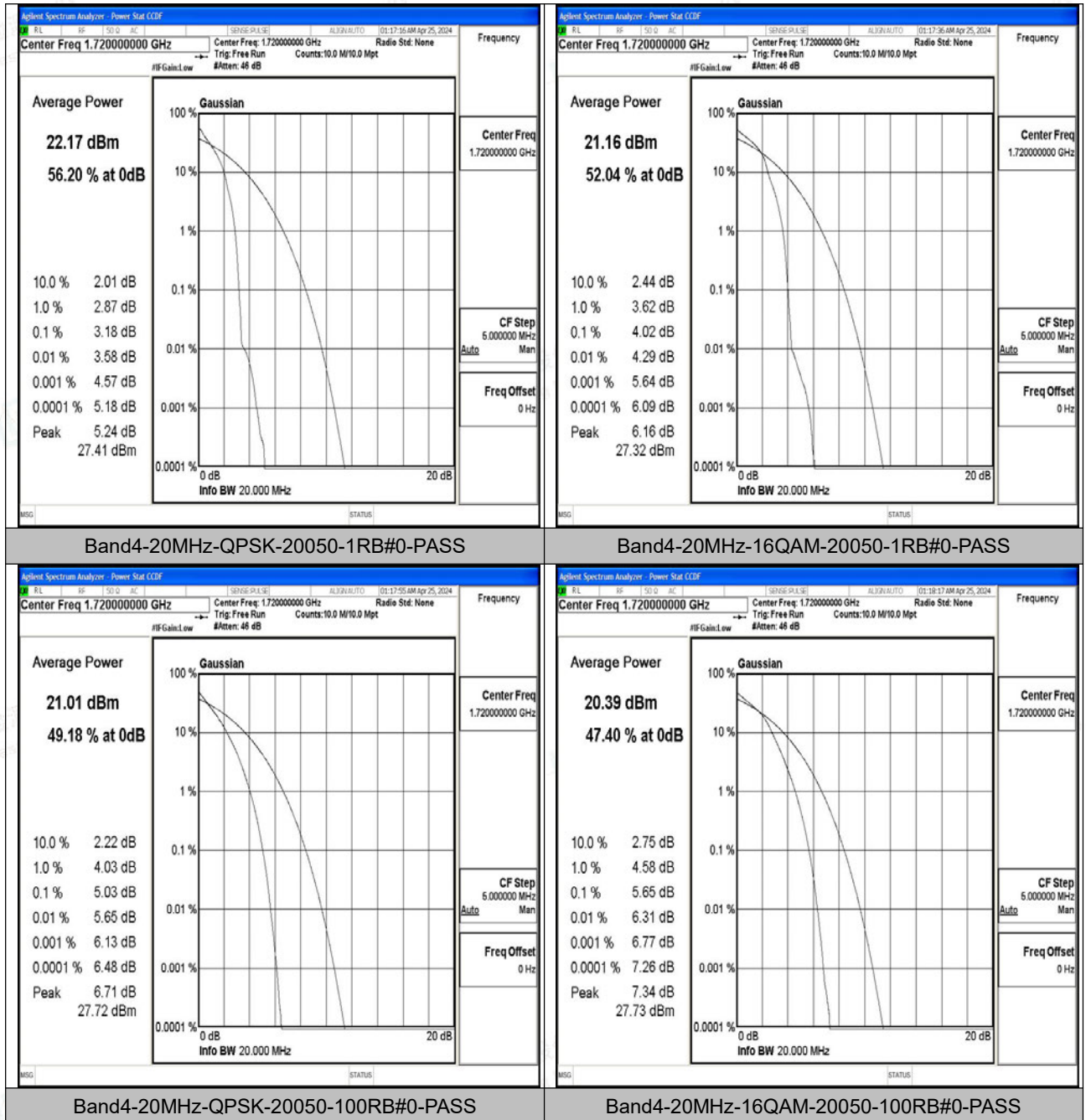


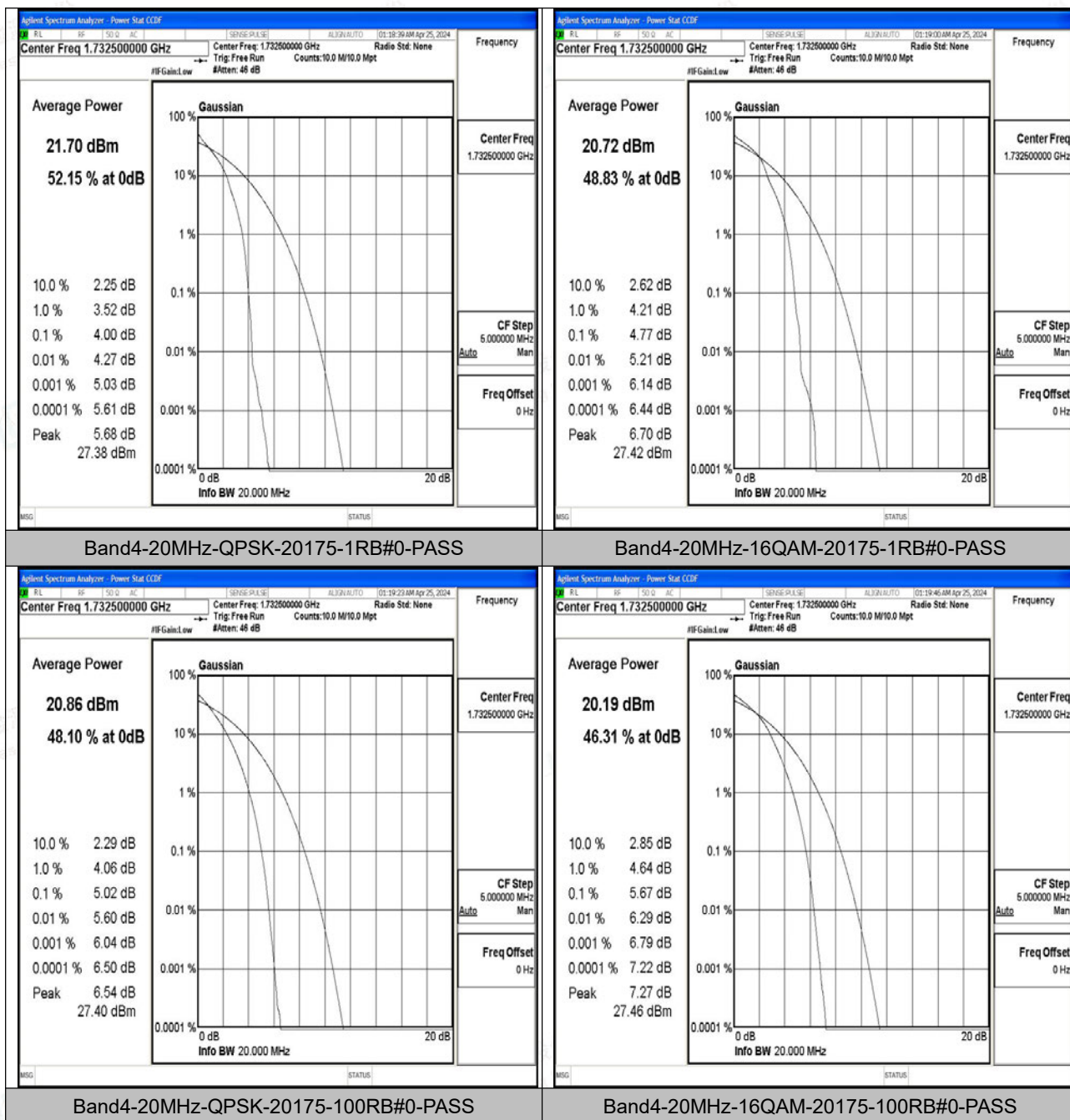
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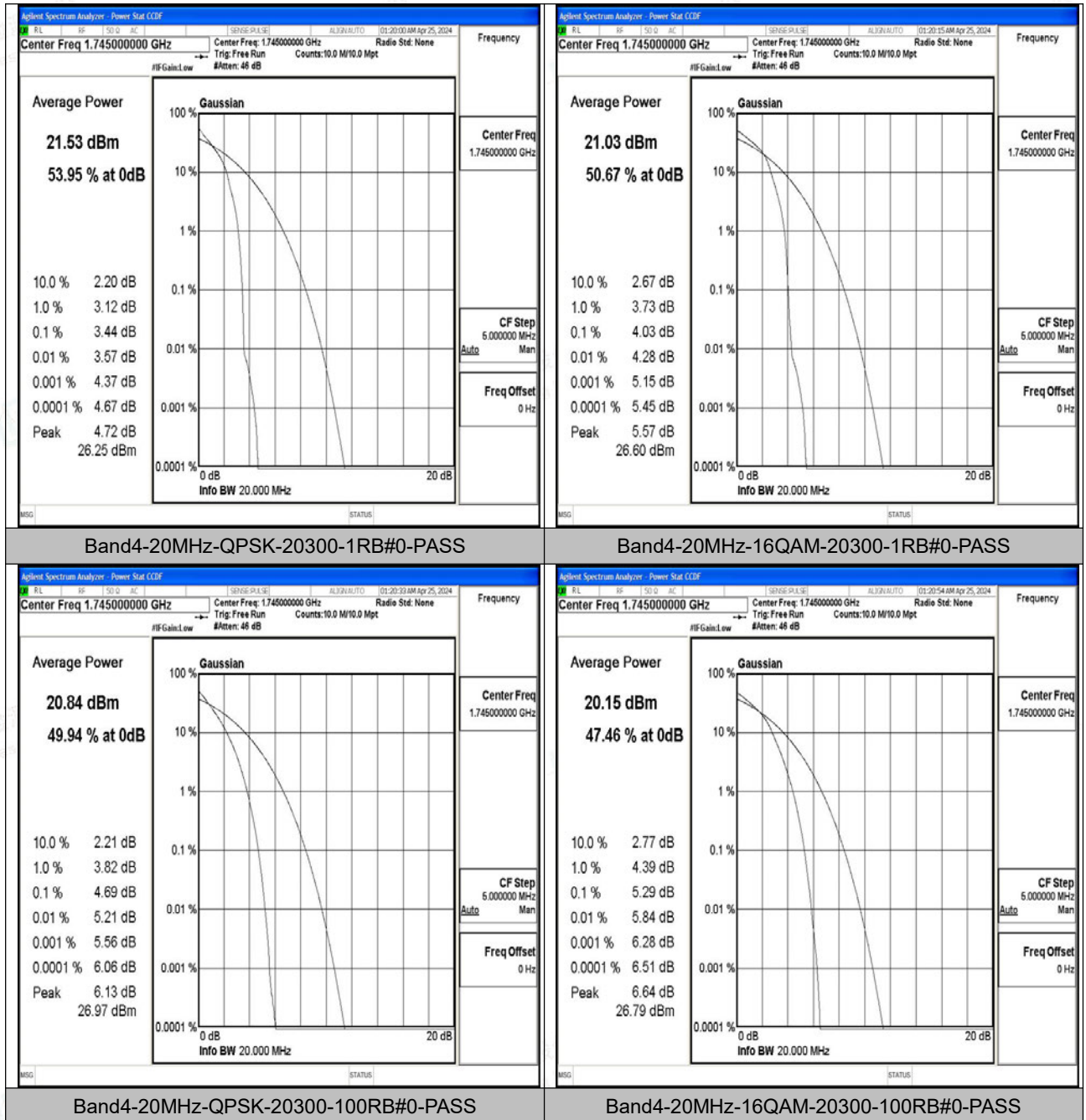
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B.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0948	1.287	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1027	1.335	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0938	1.307	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1068	1.293	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0969	1.374	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1064	1.387	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7209	3.112	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7076	3.103	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7109	3.200	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6970	3.082	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7188	3.209	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7054	3.092	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5362	5.443	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5233	5.380	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5247	5.385	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5204	5.294	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5310	5.400	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5194	5.286	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0157	10.04	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0217	10.12	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9960	10.24	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9802	10.02	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0184	10.52	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0262	10.47	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.514	15.36	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.514	15.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.531	15.51	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.527	15.03	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.488	15.81	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.506	15.10	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.065	20.16	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.057	20.04	PASS



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Band4	20MHz	QPSK	20175	100RB#0	18.047	20.15	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.059	19.86	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.999	20.42	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.056	20.38	PASS



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Test Graphs

