

Appendix B: Test Data for E-UTRA Band 2

Product Name: GPS 4G TRACKER TUBE

Test Model: GPS 4G TRACKER TUBE (cat1)

Environmental Conditions

Temperature:	24.5°C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	zhao xing hai
Supervised by:	Fengliu Tang

B.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.85	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.51	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.49	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.35	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.50	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.45	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.48	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.70	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.58	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.48	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.68	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.59	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.52	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.66	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	24.07	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.88	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.79	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.77	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.73	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.63	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.82	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	23.26	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	23.07	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	23.04	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.85	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.98	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.72	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.87	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	24.32	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	24.11	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	24.14	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	24.08	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	24.07	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	24.01	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	23.11	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	23.37	PASS

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Band2	1.4MHz	16QAM	19193	1RB#2	23.69	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	23.29	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	23.09	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	23.17	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	23.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	22.12	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.12	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.13	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.99	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.13	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.16	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.08	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.08	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.25	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.64	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.05	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.20	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.15	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.15	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.16	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.60	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.61	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.35	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.73	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.72	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.67	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.70	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.82	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.85	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.49	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.83	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.84	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.76	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.73	PASS
Band2	3MHz	QPSK	19185	1RB#0	24.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	24.03	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.77	PASS
Band2	3MHz	QPSK	19185	8RB#0	23.06	PASS
Band2	3MHz	QPSK	19185	8RB#4	23.10	PASS
Band2	3MHz	QPSK	19185	8RB#7	23.04	PASS
Band2	3MHz	QPSK	19185	15RB#0	23.04	PASS

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Band2	3MHz	16QAM	19185	1RB#0	23.41	PASS
Band2	3MHz	16QAM	19185	1RB#8	23.45	PASS
Band2	3MHz	16QAM	19185	1RB#14	23.12	PASS
Band2	3MHz	16QAM	19185	8RB#0	22.15	PASS
Band2	3MHz	16QAM	19185	8RB#4	22.08	PASS
Band2	3MHz	16QAM	19185	8RB#7	22.12	PASS
Band2	3MHz	16QAM	19185	15RB#0	22.04	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.66	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.46	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.54	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.36	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.35	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.39	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.45	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.86	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.31	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.60	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.51	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.41	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.53	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.56	PASS
Band2	5MHz	QPSK	18900	1RB#0	24.03	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.76	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.45	PASS
Band2	5MHz	QPSK	18900	12RB#0	23.03	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.86	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.76	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.86	PASS
Band2	5MHz	16QAM	18900	1RB#0	23.03	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.65	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.67	PASS
Band2	5MHz	16QAM	18900	12RB#0	22.10	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.90	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.95	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.93	PASS
Band2	5MHz	QPSK	19175	1RB#0	24.75	PASS
Band2	5MHz	QPSK	19175	1RB#12	24.39	PASS
Band2	5MHz	QPSK	19175	1RB#24	24.27	PASS
Band2	5MHz	QPSK	19175	12RB#0	23.50	PASS
Band2	5MHz	QPSK	19175	12RB#6	23.36	PASS
Band2	5MHz	QPSK	19175	12RB#13	23.31	PASS

Band2	5MHz	QPSK	19175	25RB#0	23.34	PASS
Band2	5MHz	16QAM	19175	1RB#0	23.97	PASS
Band2	5MHz	16QAM	19175	1RB#12	23.63	PASS
Band2	5MHz	16QAM	19175	1RB#24	23.59	PASS
Band2	5MHz	16QAM	19175	12RB#0	22.63	PASS
Band2	5MHz	16QAM	19175	12RB#6	22.39	PASS
Band2	5MHz	16QAM	19175	12RB#13	22.39	PASS
Band2	5MHz	16QAM	19175	25RB#0	22.36	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.23	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.24	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.55	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.29	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.39	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.52	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.45	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.22	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.61	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.60	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.31	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.44	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.53	PASS
Band2	10MHz	QPSK	18900	1RB#0	24.28	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.86	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.29	PASS
Band2	10MHz	QPSK	18900	25RB#0	23.13	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.98	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.76	PASS
Band2	10MHz	QPSK	18900	50RB#0	23.13	PASS
Band2	10MHz	16QAM	18900	1RB#0	23.56	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.94	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.63	PASS
Band2	10MHz	16QAM	18900	25RB#0	22.30	PASS
Band2	10MHz	16QAM	18900	25RB#12	22.08	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.90	PASS
Band2	10MHz	QPSK	19150	1RB#0	25.04	PASS
Band2	10MHz	QPSK	19150	1RB#24	24.73	PASS
Band2	10MHz	QPSK	19150	1RB#49	24.37	PASS
Band2	10MHz	QPSK	19150	25RB#0	23.64	PASS
Band2	10MHz	QPSK	19150	25RB#12	23.61	PASS
Band2	10MHz	QPSK	19150	25RB#25	23.47	PASS
Band2	10MHz	QPSK	19150	50RB#0	23.98	PASS

Band2	10MHz	16QAM	19150	1RB#0	24.02	PASS
Band2	10MHz	16QAM	19150	1RB#24	23.38	PASS
Band2	10MHz	16QAM	19150	1RB#49	23.31	PASS
Band2	10MHz	16QAM	19150	25RB#0	22.68	PASS
Band2	10MHz	16QAM	19150	25RB#12	22.55	PASS
Band2	10MHz	16QAM	19150	25RB#25	22.52	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.89	PASS
Band2	15MHz	QPSK	18675	1RB#38	24.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	24.44	PASS
Band2	15MHz	QPSK	18675	38RB#0	22.77	PASS
Band2	15MHz	QPSK	18675	38RB#18	23.19	PASS
Band2	15MHz	QPSK	18675	38RB#37	23.53	PASS
Band2	15MHz	QPSK	18675	75RB#0	23.25	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.89	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.62	PASS
Band2	15MHz	16QAM	18675	1RB#74	23.63	PASS
Band2	15MHz	16QAM	18675	38RB#0	22.79	PASS
Band2	15MHz	16QAM	18675	38RB#18	22.68	PASS
Band2	15MHz	16QAM	18675	38RB#37	23.66	PASS
Band2	15MHz	QPSK	18900	1RB#0	25.16	PASS
Band2	15MHz	QPSK	18900	1RB#38	24.78	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.88	PASS
Band2	15MHz	QPSK	18900	38RB#0	23.97	PASS
Band2	15MHz	QPSK	18900	38RB#18	23.82	PASS
Band2	15MHz	QPSK	18900	38RB#37	23.56	PASS
Band2	15MHz	QPSK	18900	75RB#0	23.72	PASS
Band2	15MHz	16QAM	18900	1RB#0	24.09	PASS
Band2	15MHz	16QAM	18900	1RB#38	23.61	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.90	PASS
Band2	15MHz	16QAM	18900	38RB#0	24.02	PASS
Band2	15MHz	16QAM	18900	38RB#18	23.68	PASS
Band2	15MHz	16QAM	18900	38RB#37	22.93	PASS
Band2	15MHz	QPSK	19125	1RB#0	25.07	PASS
Band2	15MHz	QPSK	19125	1RB#38	24.71	PASS
Band2	15MHz	QPSK	19125	1RB#74	24.50	PASS
Band2	15MHz	QPSK	19125	38RB#0	24.07	PASS
Band2	15MHz	QPSK	19125	38RB#18	23.93	PASS
Band2	15MHz	QPSK	19125	38RB#37	23.88	PASS
Band2	15MHz	QPSK	19125	75RB#0	23.89	PASS
Band2	15MHz	16QAM	19125	1RB#0	23.99	PASS
Band2	15MHz	16QAM	19125	1RB#38	23.48	PASS

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Band2	15MHz	16QAM	19125	1RB#74	23.64	PASS
Band2	15MHz	16QAM	19125	38RB#0	23.42	PASS
Band2	15MHz	16QAM	19125	38RB#18	23.58	PASS
Band2	15MHz	16QAM	19125	38RB#37	22.98	PASS
Band2	20MHz	QPSK	18700	1RB#0	24.08	PASS
Band2	20MHz	QPSK	18700	1RB#49	24.41	PASS
Band2	20MHz	QPSK	18700	1RB#99	25.07	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.83	PASS
Band2	20MHz	QPSK	18700	50RB#25	23.08	PASS
Band2	20MHz	QPSK	18700	50RB#50	23.53	PASS
Band2	20MHz	QPSK	18700	100RB#0	23.12	PASS
Band2	20MHz	16QAM	18700	1RB#0	23.48	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.29	PASS
Band2	20MHz	16QAM	18700	1RB#99	24.48	PASS
Band2	20MHz	QPSK	18900	1RB#0	25.16	PASS
Band2	20MHz	QPSK	18900	1RB#49	24.63	PASS
Band2	20MHz	QPSK	18900	1RB#99	24.15	PASS
Band2	20MHz	QPSK	18900	50RB#0	23.83	PASS
Band2	20MHz	QPSK	18900	50RB#25	23.44	PASS
Band2	20MHz	QPSK	18900	50RB#50	23.17	PASS
Band2	20MHz	QPSK	18900	100RB#0	23.46	PASS
Band2	20MHz	16QAM	18900	1RB#0	24.15	PASS
Band2	20MHz	16QAM	18900	1RB#49	23.64	PASS
Band2	20MHz	16QAM	18900	1RB#99	23.11	PASS
Band2	20MHz	QPSK	19100	1RB#0	24.31	PASS
Band2	20MHz	QPSK	19100	1RB#49	24.96	PASS
Band2	20MHz	QPSK	19100	1RB#99	24.34	PASS
Band2	20MHz	QPSK	19100	50RB#0	23.67	PASS
Band2	20MHz	QPSK	19100	50RB#25	23.64	PASS
Band2	20MHz	QPSK	19100	50RB#50	23.73	PASS
Band2	20MHz	QPSK	19100	100RB#0	23.71	PASS
Band2	20MHz	16QAM	19100	1RB#0	23.73	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.81	PASS
Band2	20MHz	16QAM	19100	1RB#99	23.72	PASS

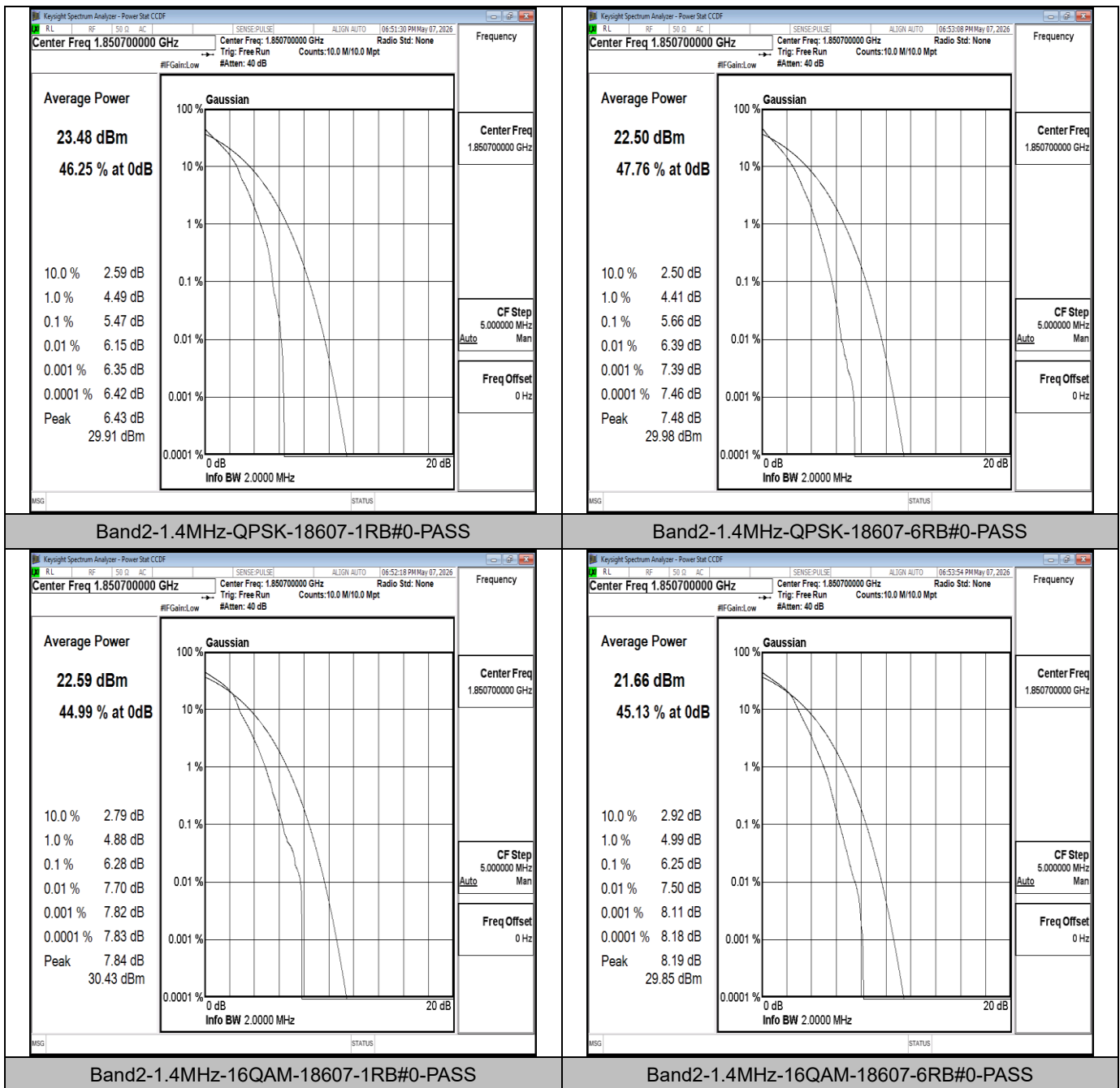
B.2 Peak-to-Average Ratio (CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	5.47	13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	5.66	13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	6.28	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	6.25	13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	5.46	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.66	13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	6.25	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.25	13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	5.30	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	5.44	13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	6.02	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	6.25	13	PASS
Band2	3MHz	QPSK	18615	1RB#0	5.56	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.60	13	PASS
Band2	3MHz	16QAM	18615	1RB#0	6.33	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	6.28	13	PASS
Band2	3MHz	QPSK	18900	1RB#0	5.58	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.58	13	PASS
Band2	3MHz	16QAM	18900	1RB#0	6.30	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.26	13	PASS
Band2	3MHz	QPSK	19185	1RB#0	5.10	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.55	13	PASS
Band2	3MHz	16QAM	19185	1RB#0	6.09	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.26	13	PASS
Band2	5MHz	QPSK	18625	1RB#0	5.29	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.70	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	6.29	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	6.26	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	5.28	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.65	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	6.26	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.22	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	5.42	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.49	13	PASS
Band2	5MHz	16QAM	19175	1RB#0	5.77	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	6.13	13	PASS

Band2	10MHz	QPSK	18650	1RB#0	5.50	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.66	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	6.28	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	5.43	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.65	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	6.10	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	5.00	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.56	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	6.01	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	5.39	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.94	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	6.51	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	5.38	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.86	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	6.41	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	5.23	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.73	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	6.28	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	5.10	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.67	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	8.28	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.78	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	5.04	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.46	13	PASS

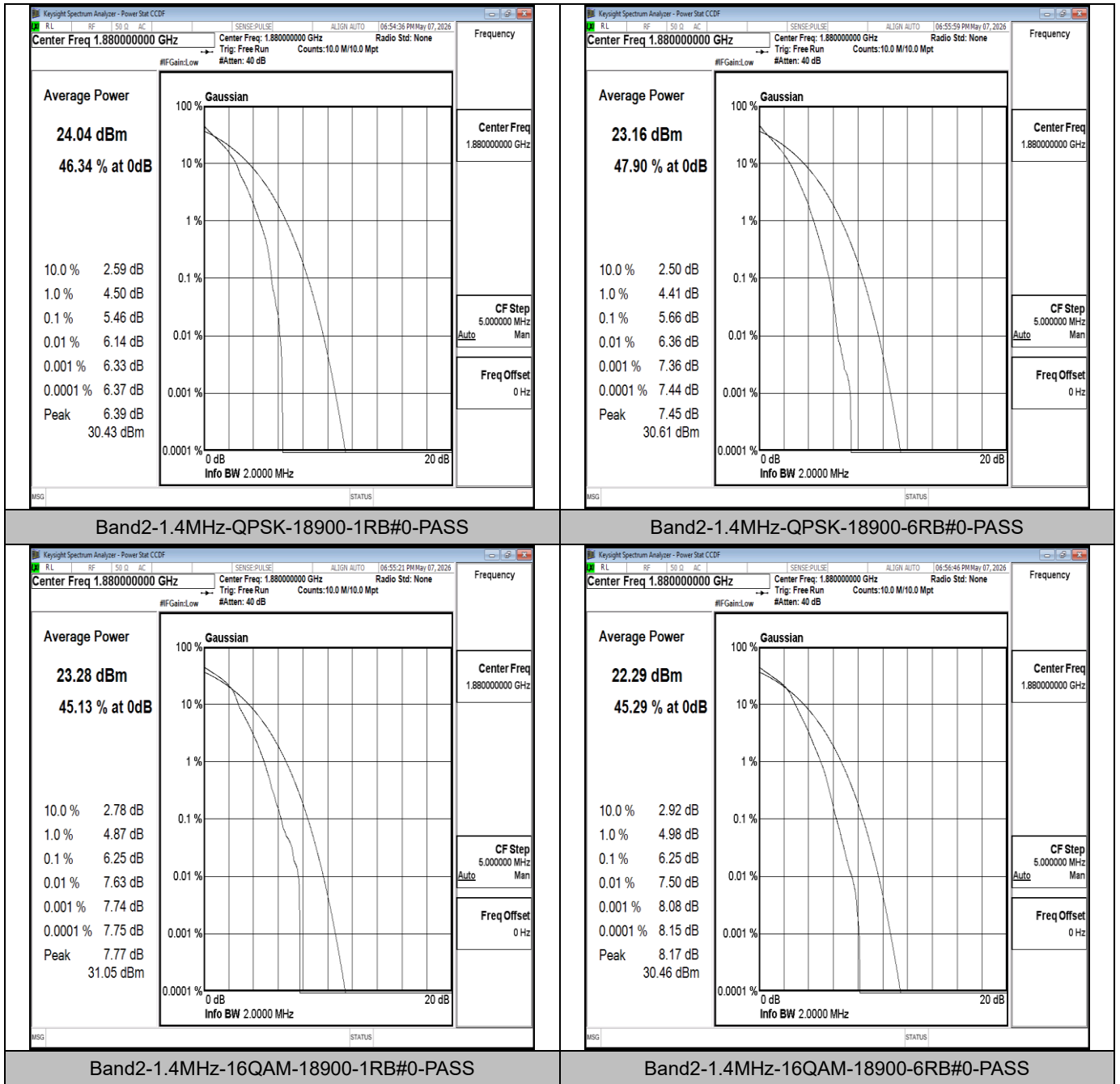
Test Graphs

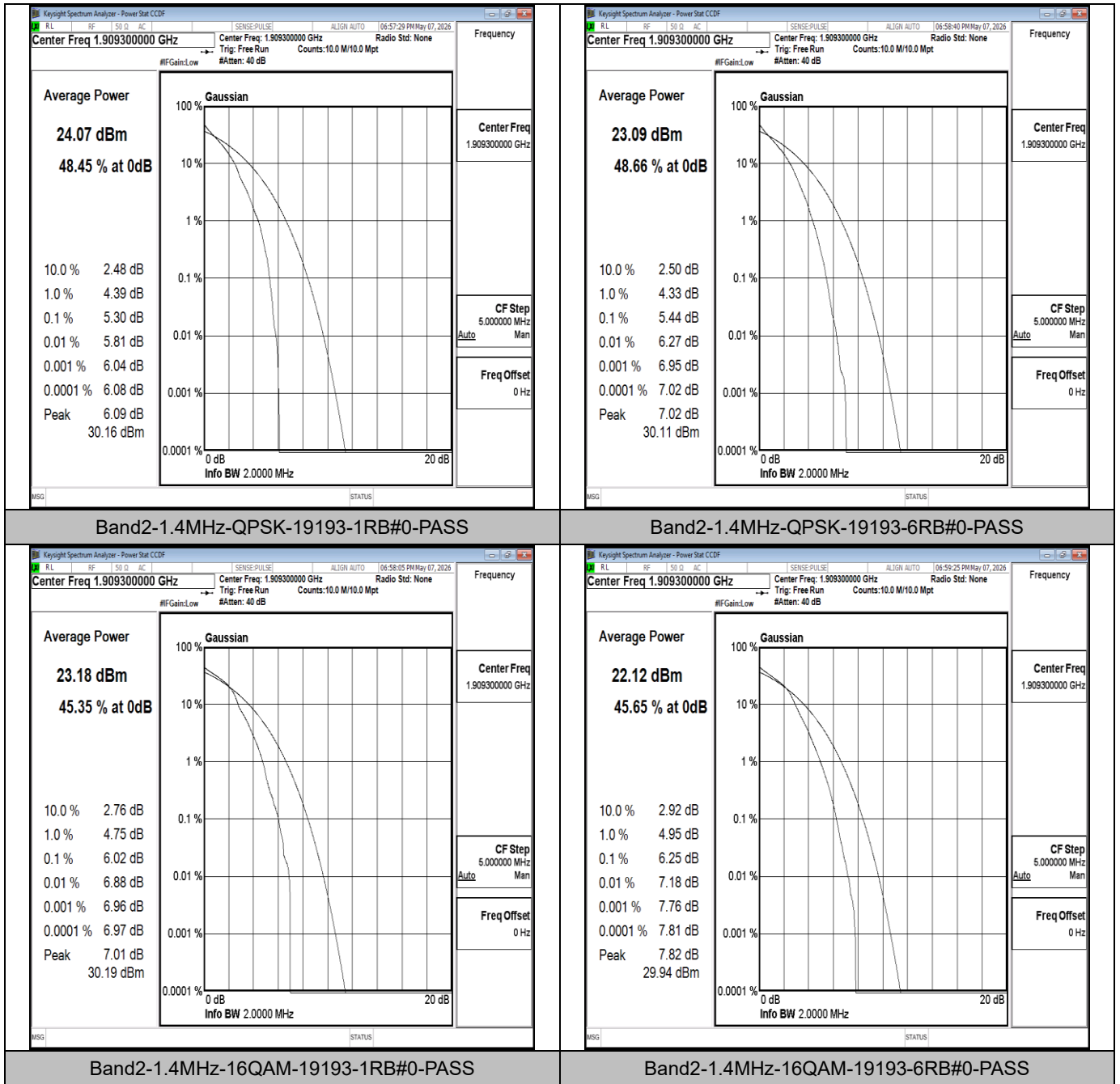


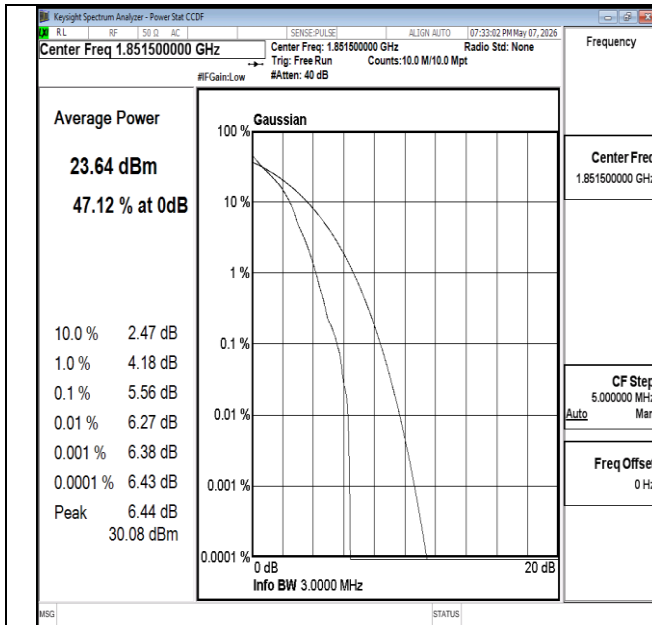
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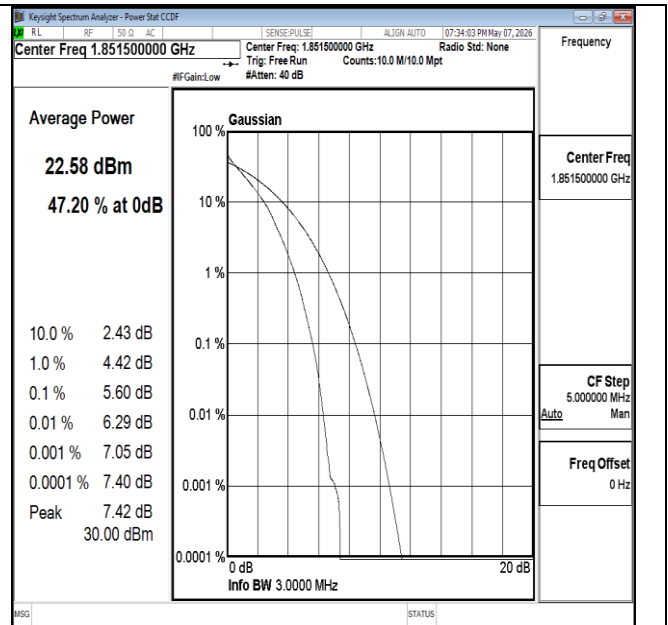
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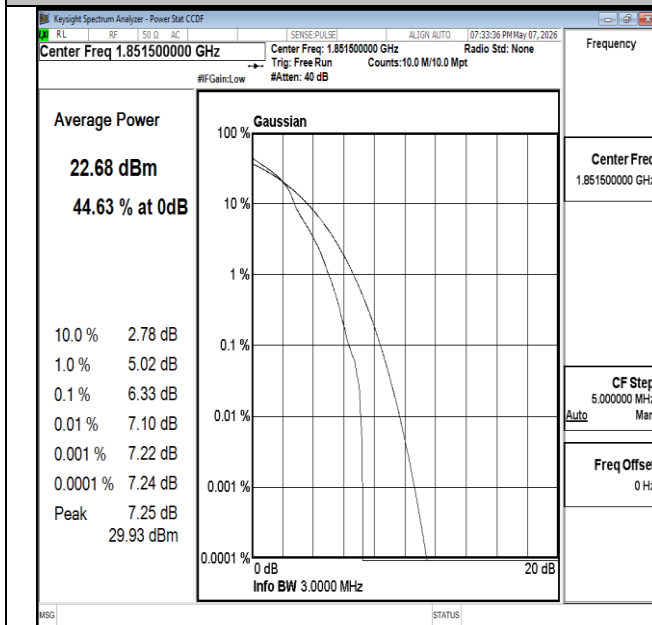




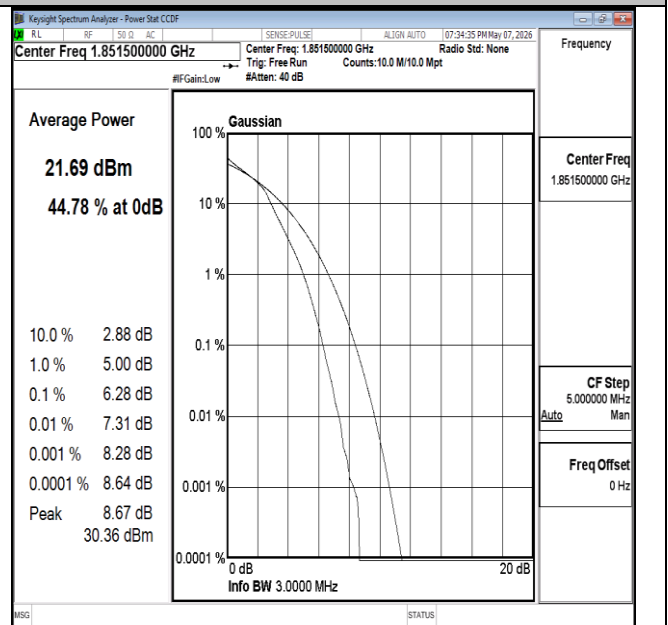
Band2-3MHz-QPSK-18615-1RB#0-PASS



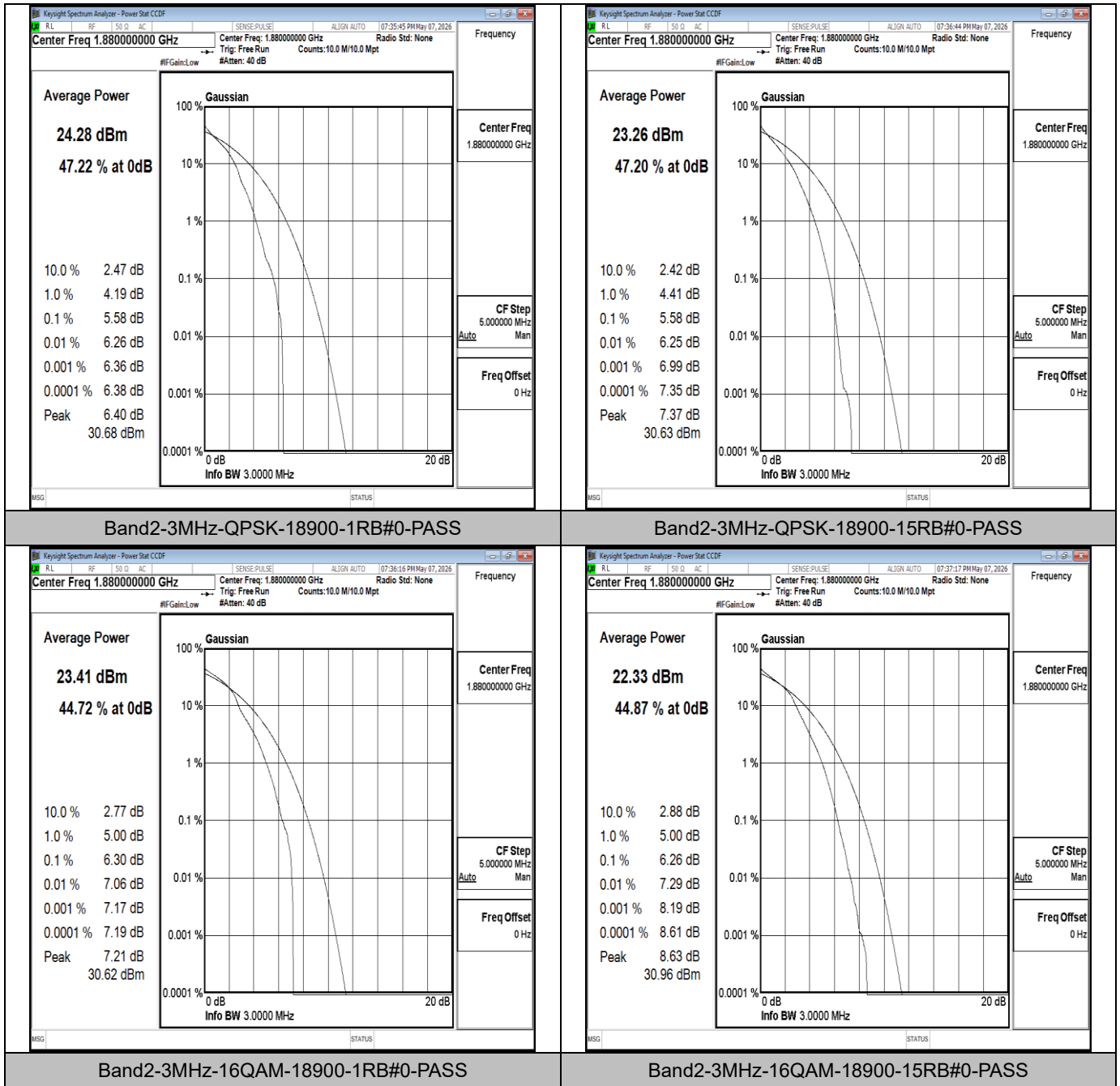
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Band2-3MHz-16QAM-18615-1RB#0-PASS



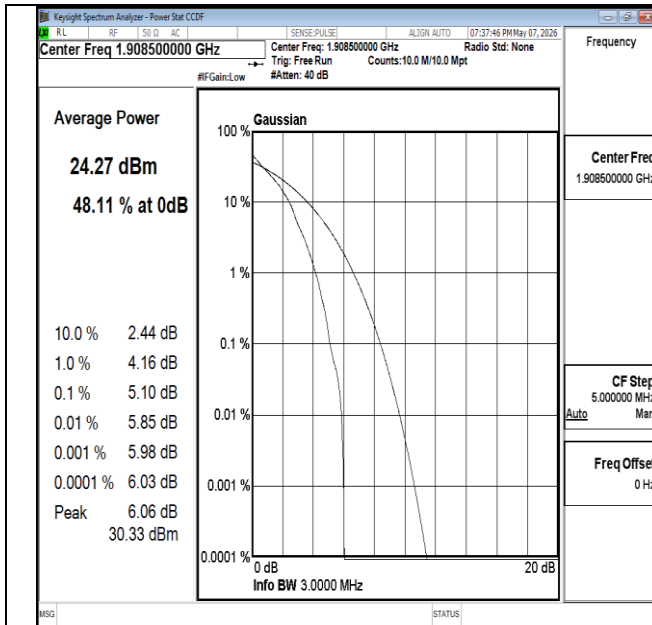
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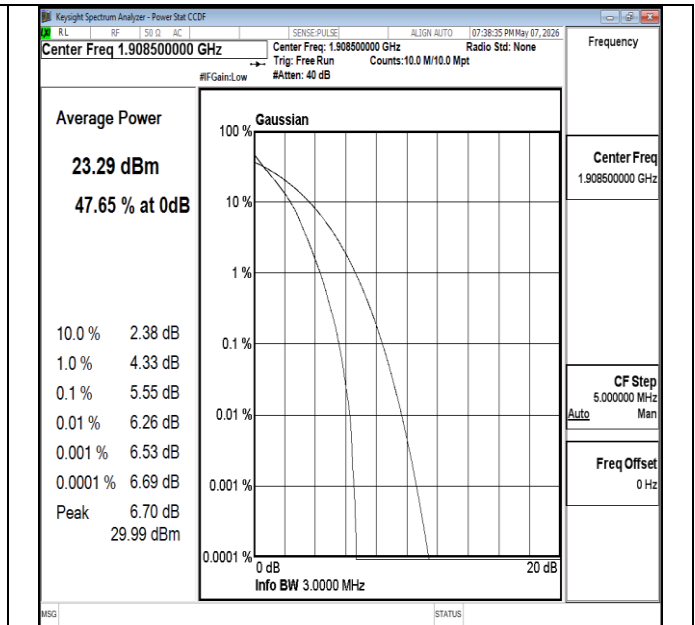
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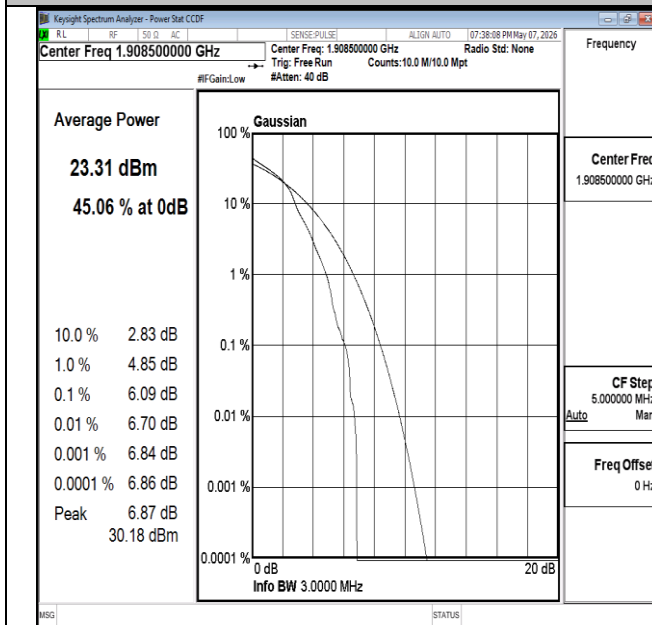
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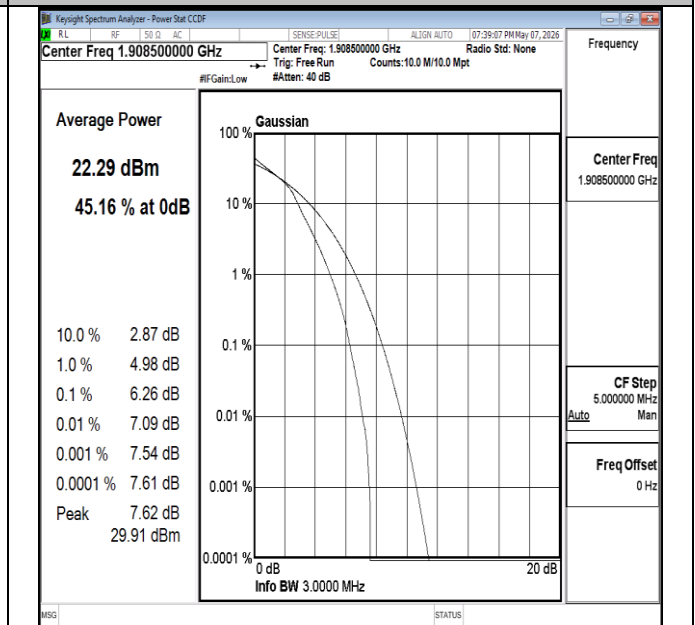
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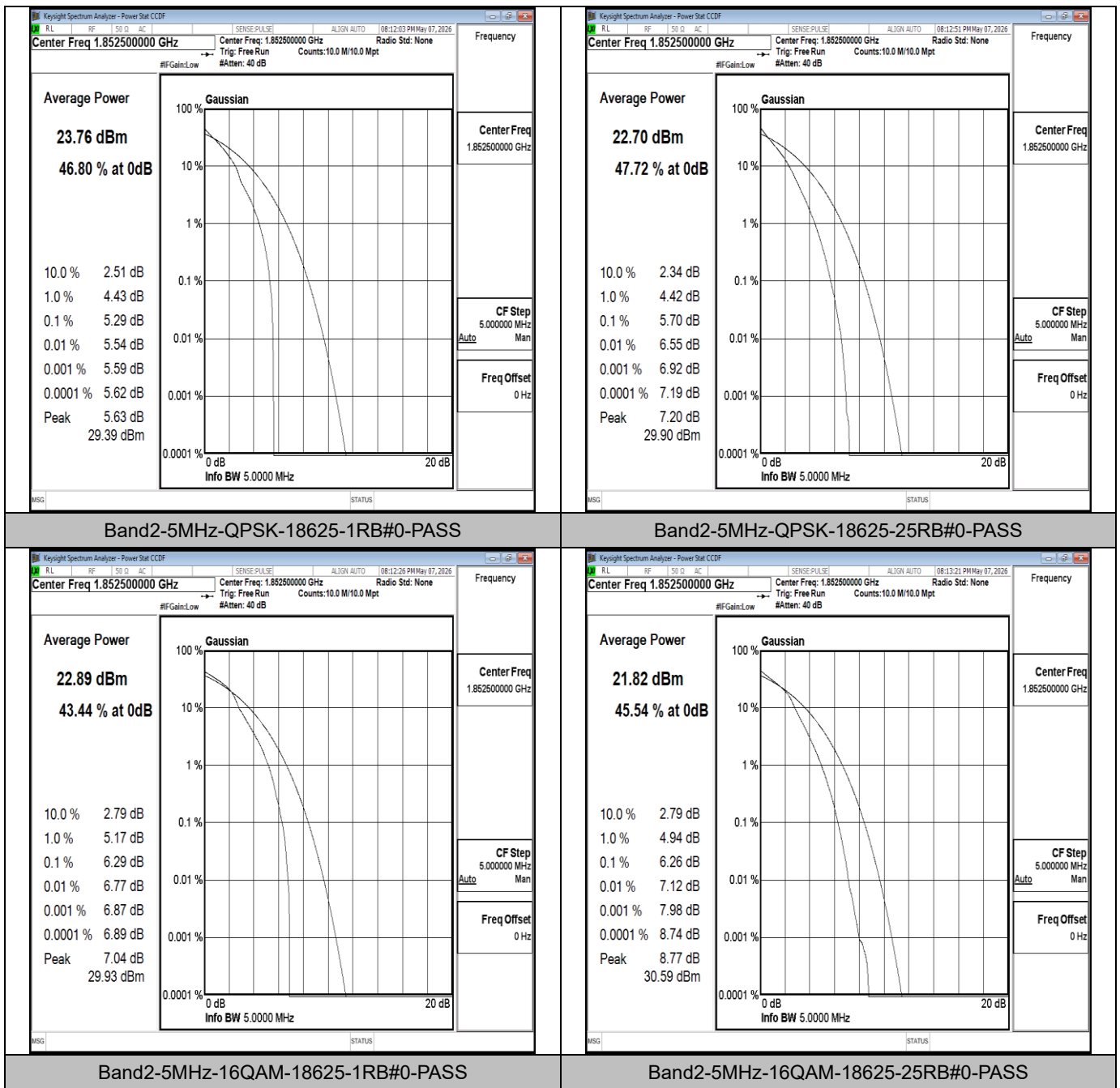
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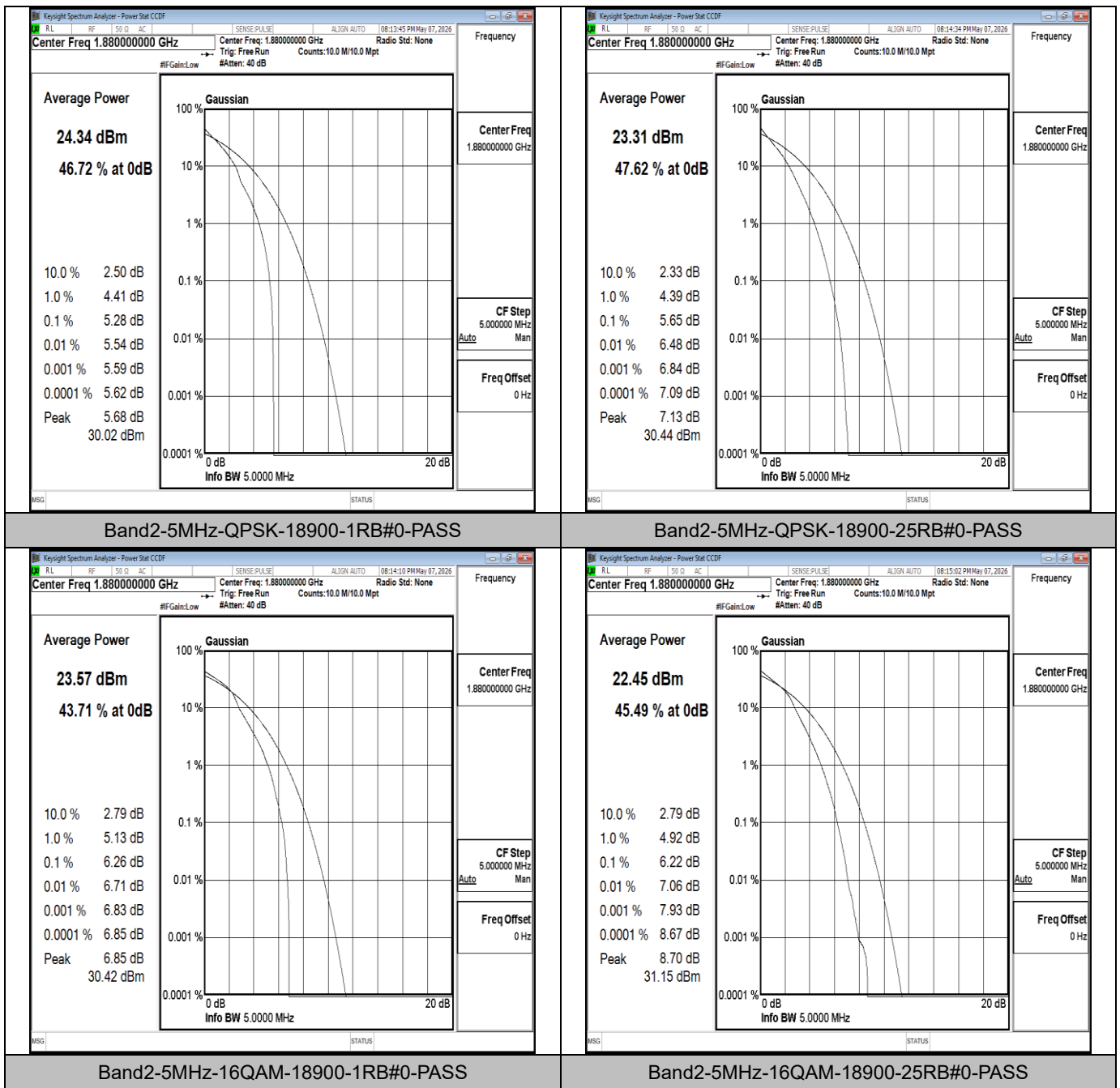


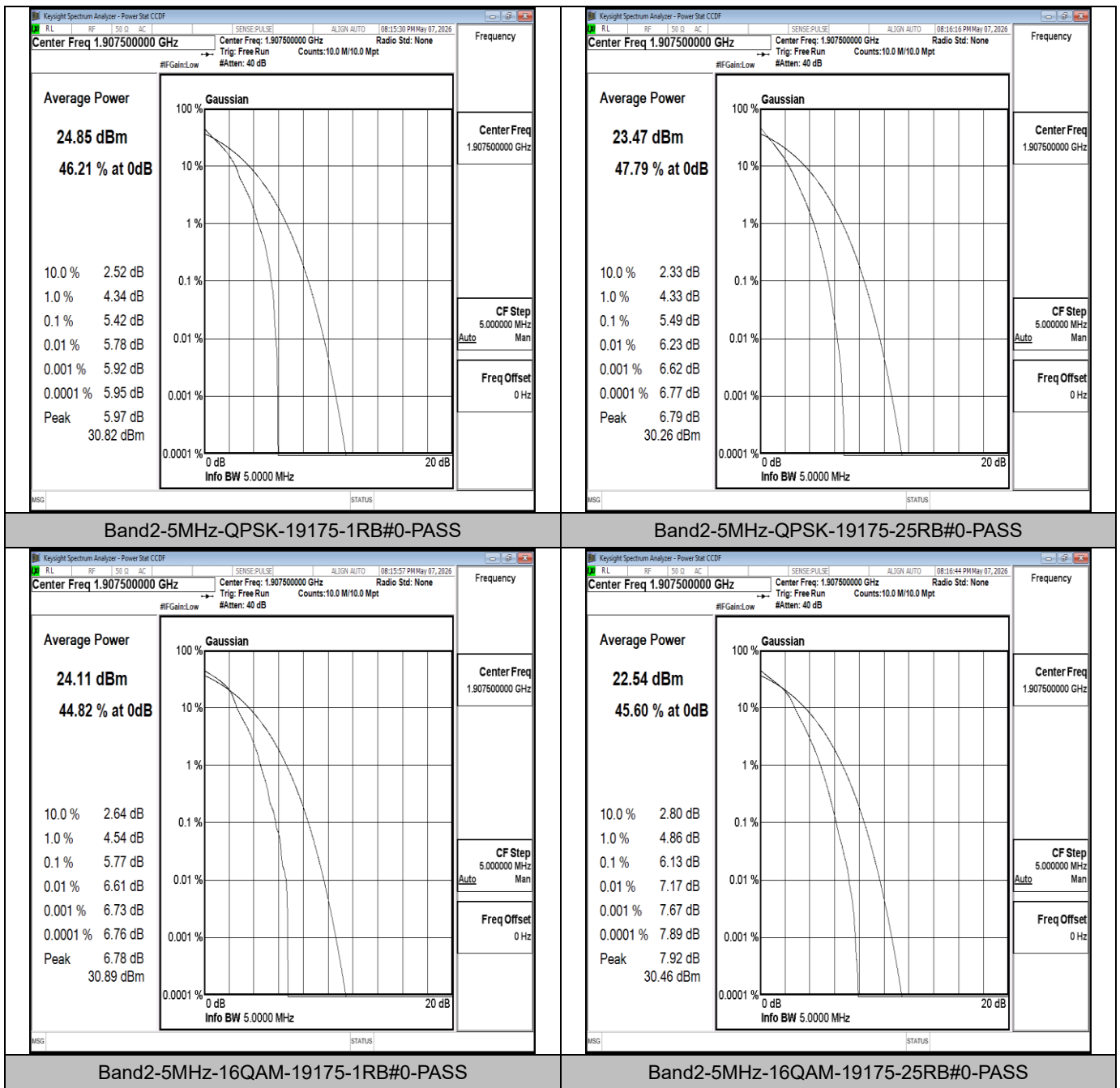
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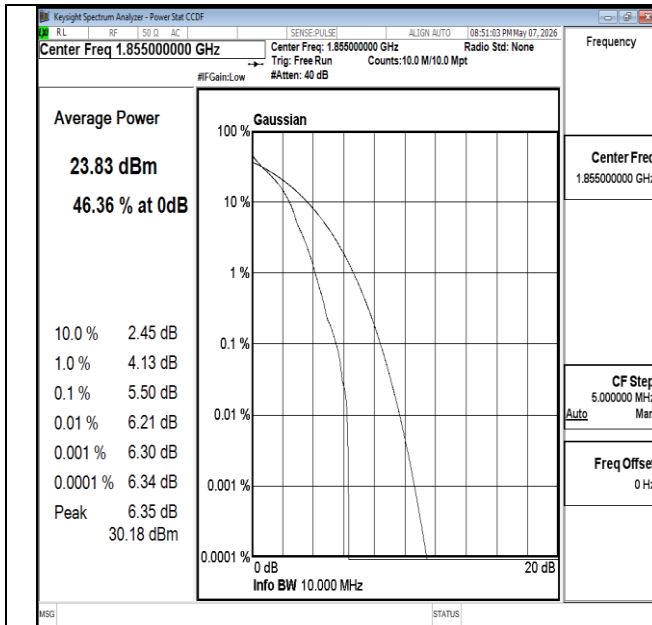


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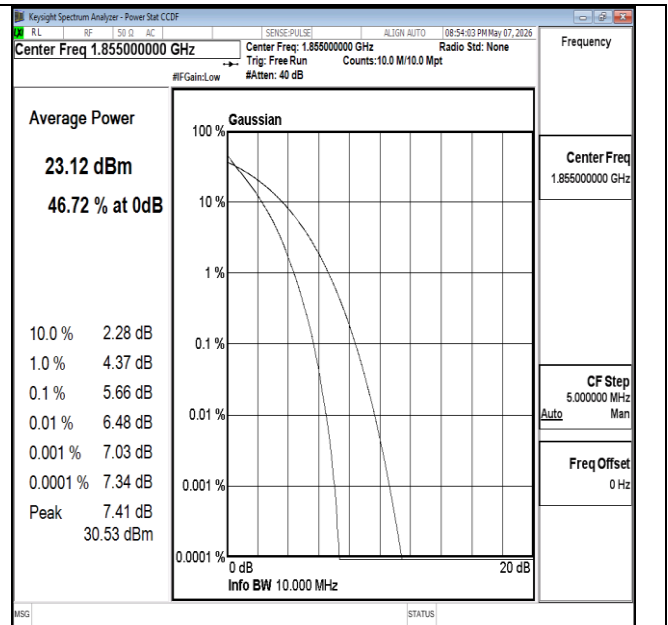




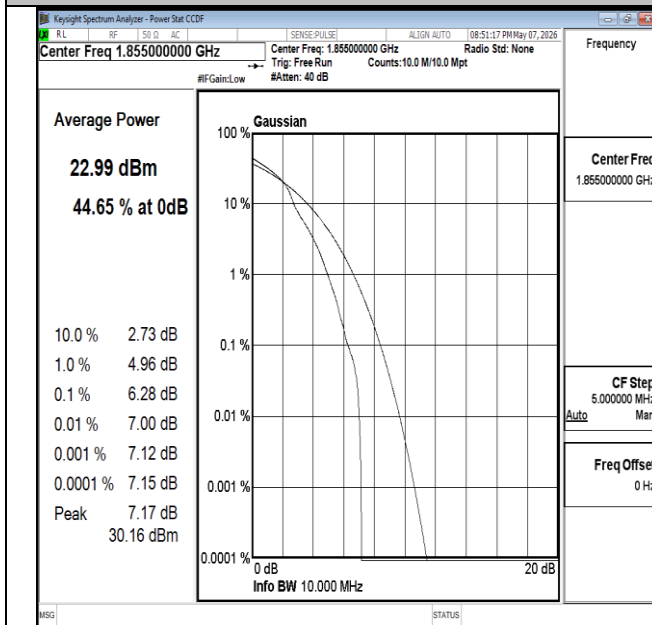




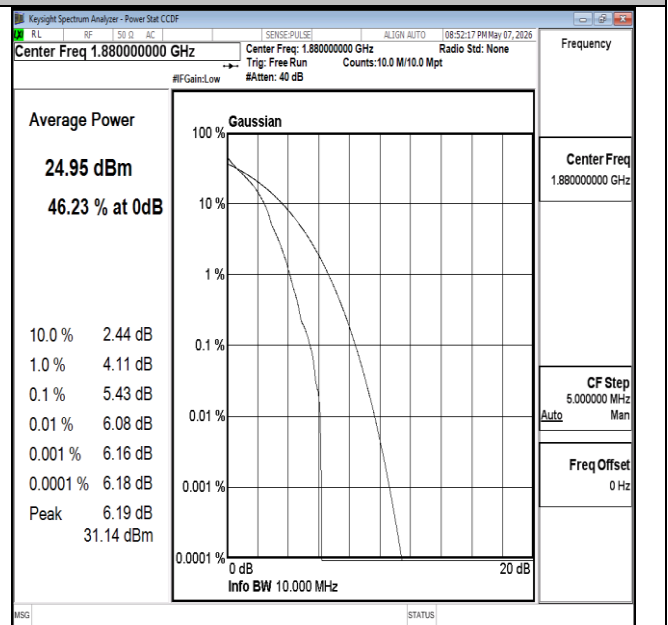
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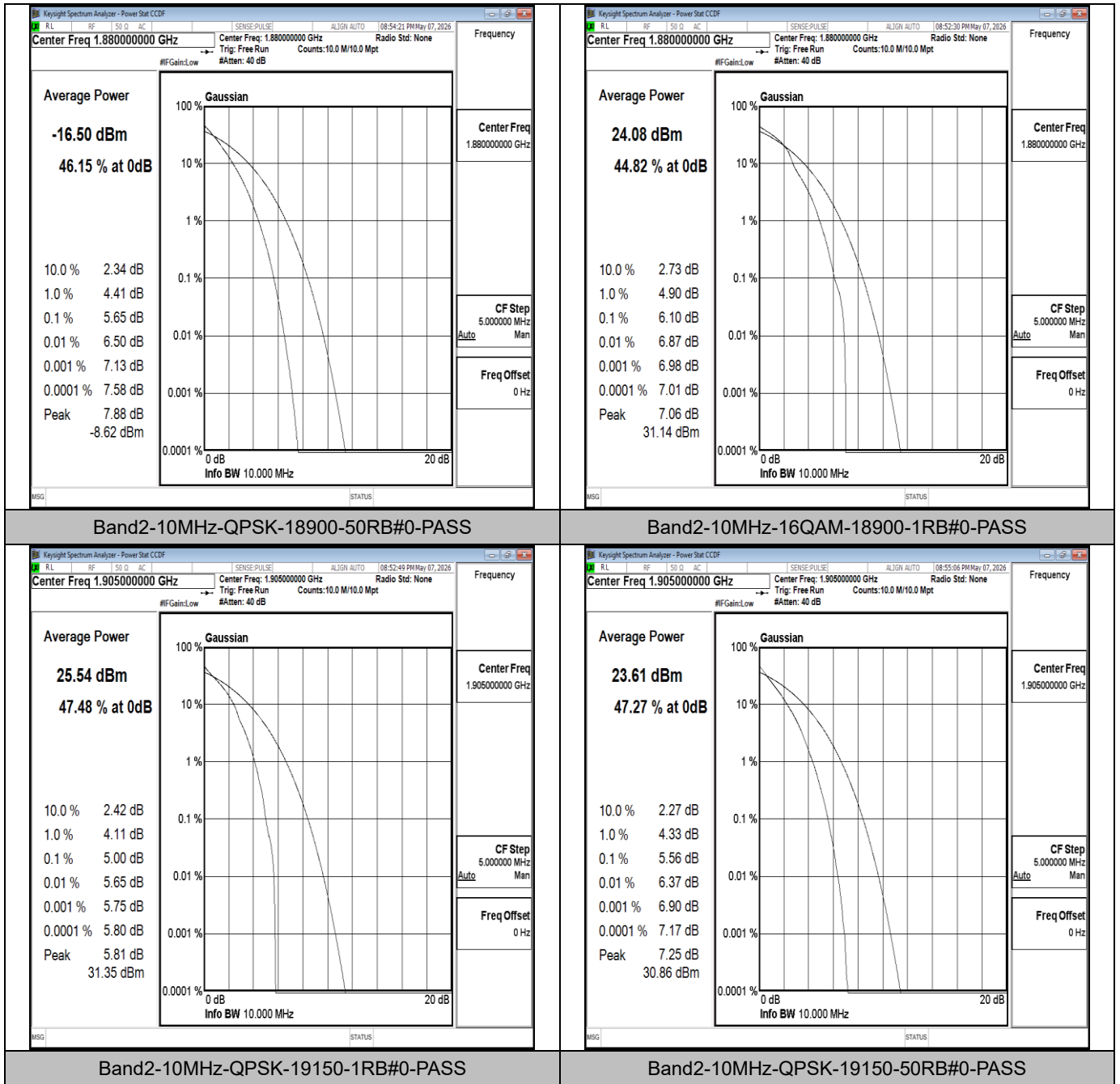
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Band2-10MHz-16QAM-18650-1RB#0-PASS



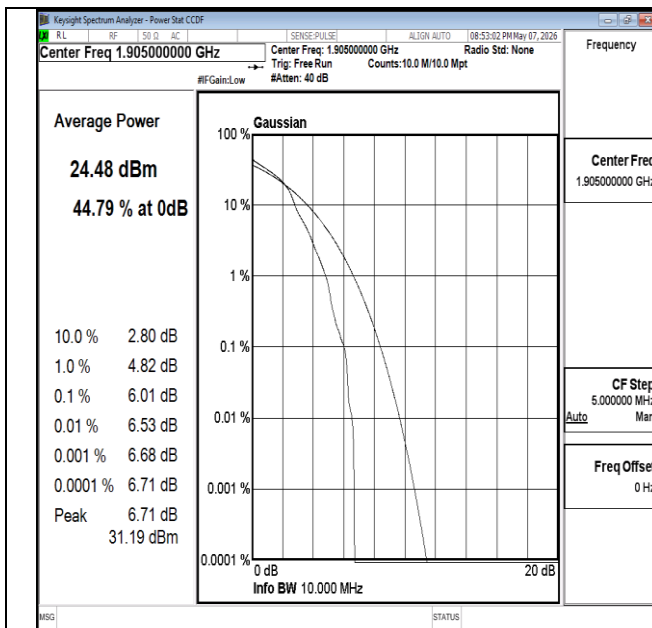
Band2-10MHz-QPSK-18900-1RB#0-PASS



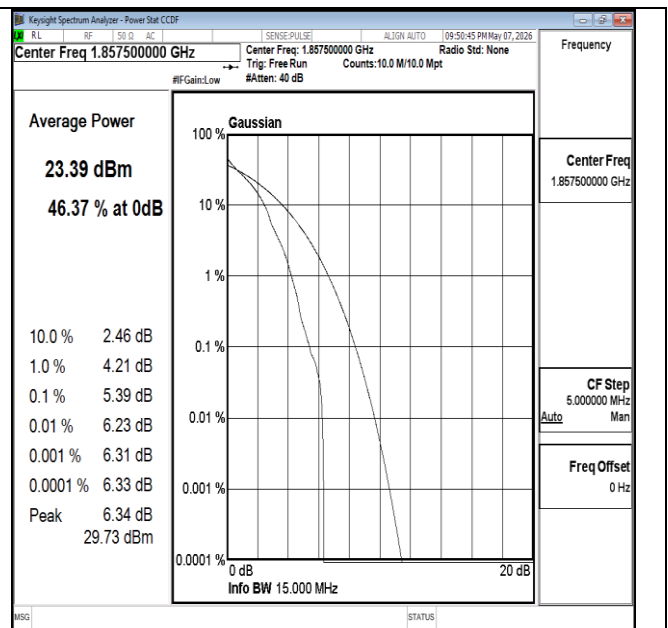
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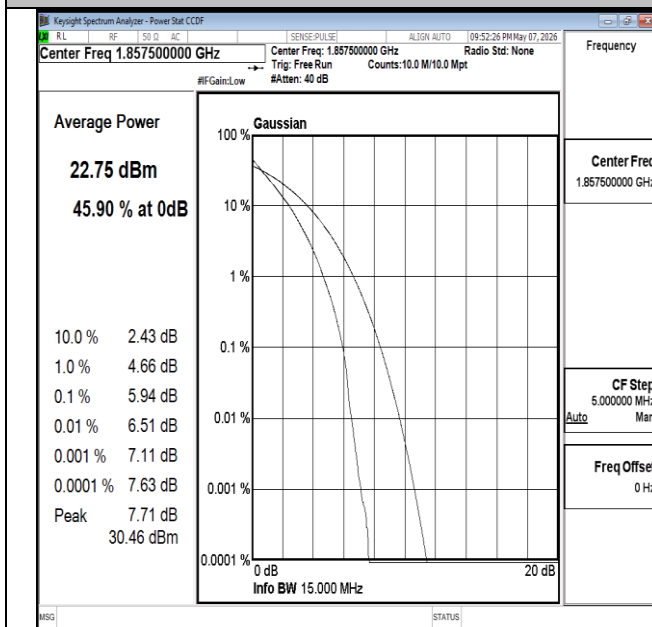
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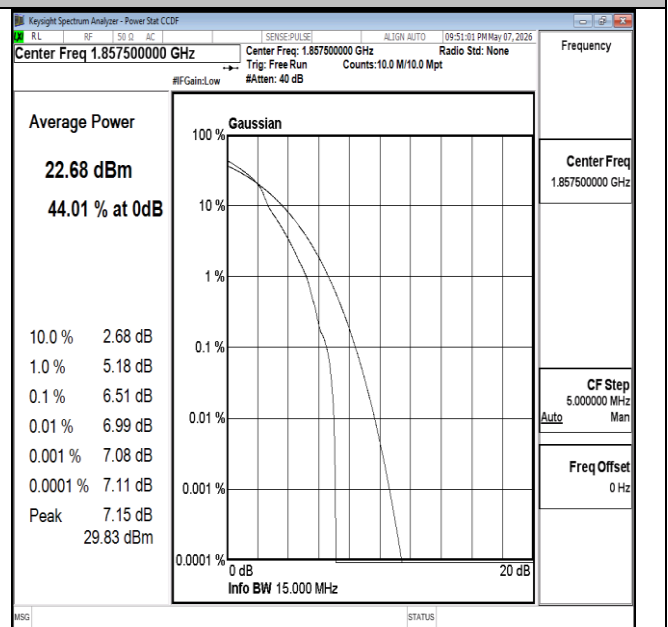
Band2-10MHz-16QAM-19150-1RB#0-PASS



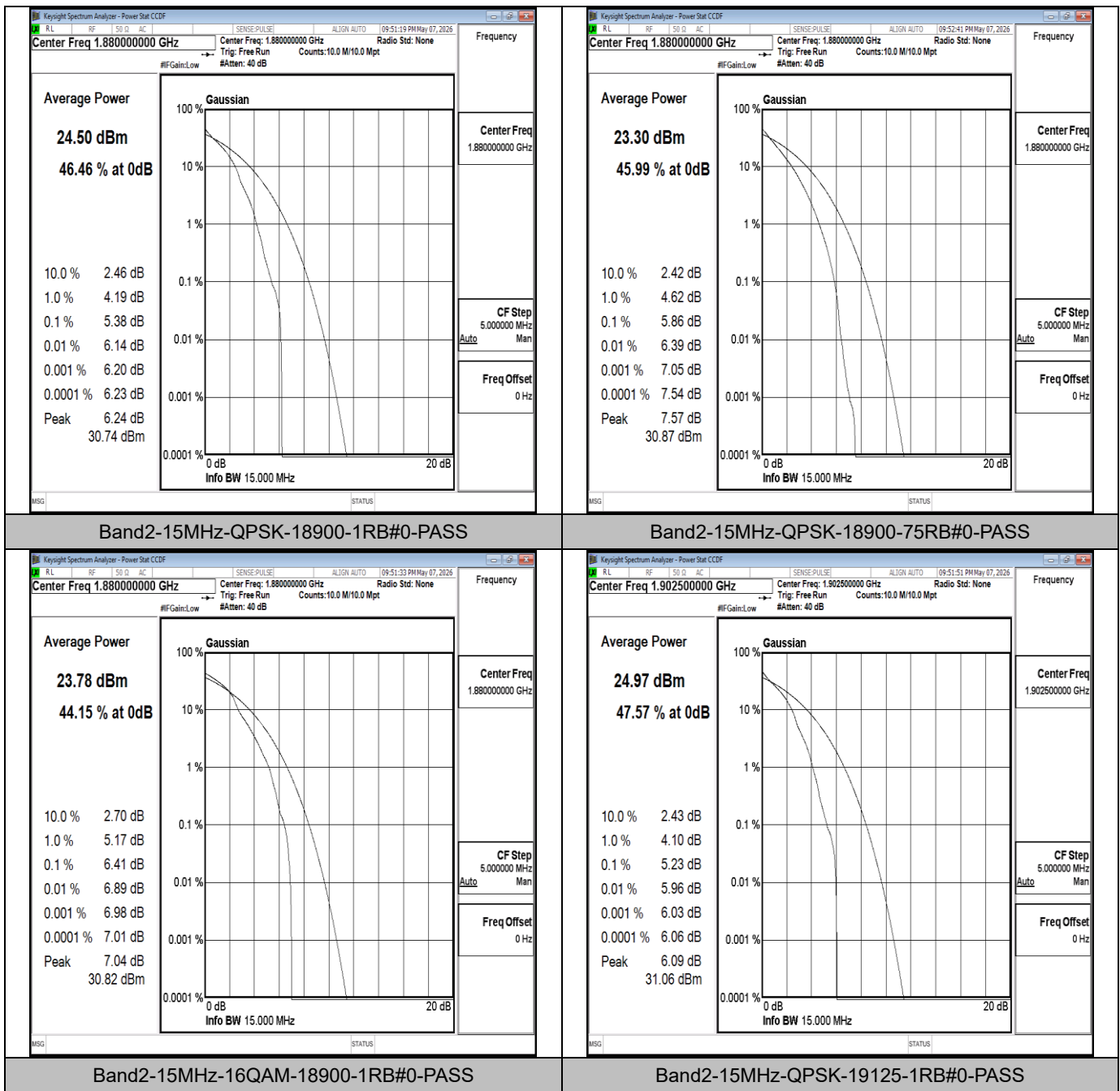
Band2-15MHz-QPSK-18675-1RB#0-PASS



Band2-15MHz-QPSK-18675-75RB#0-PASS



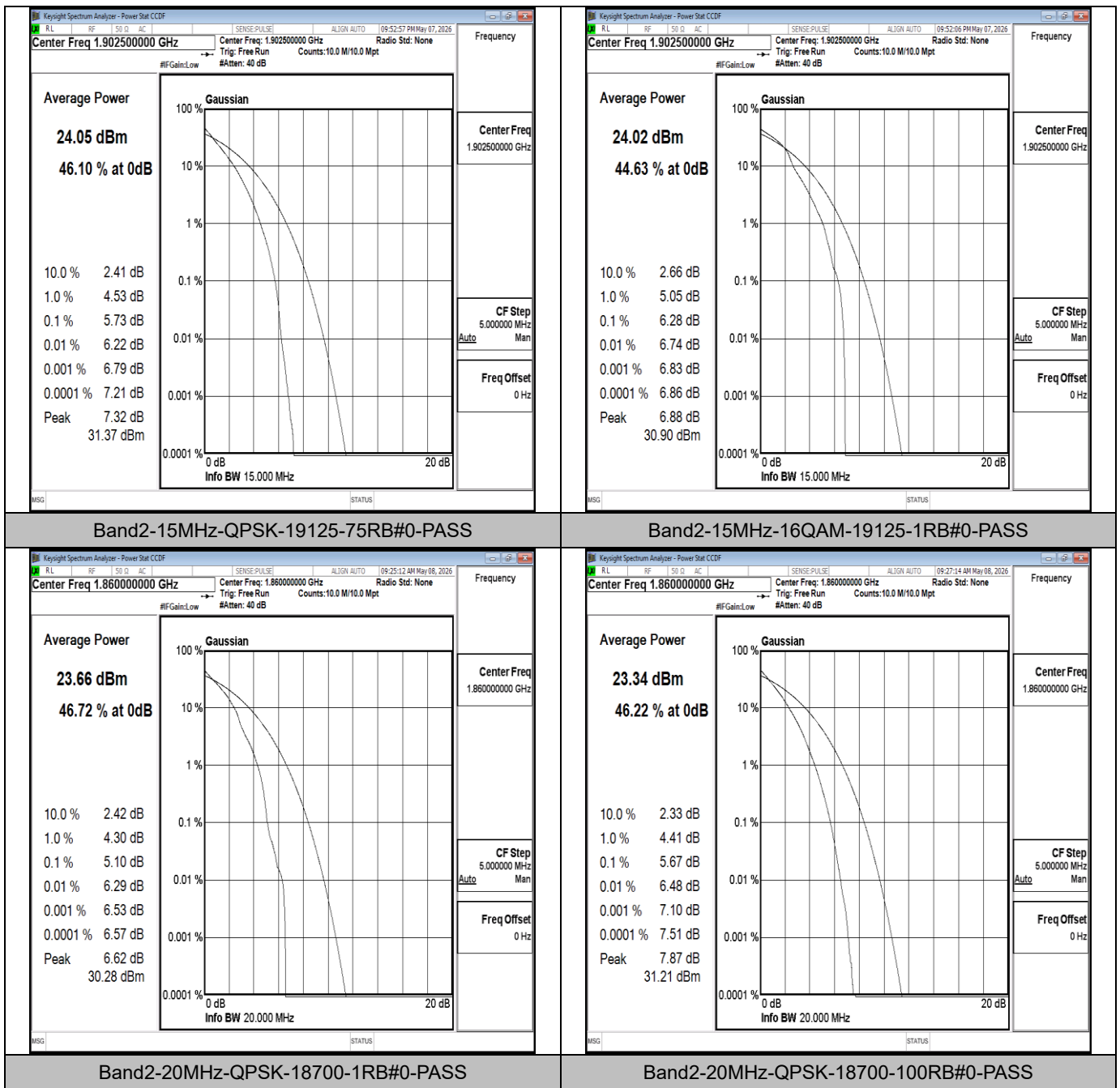
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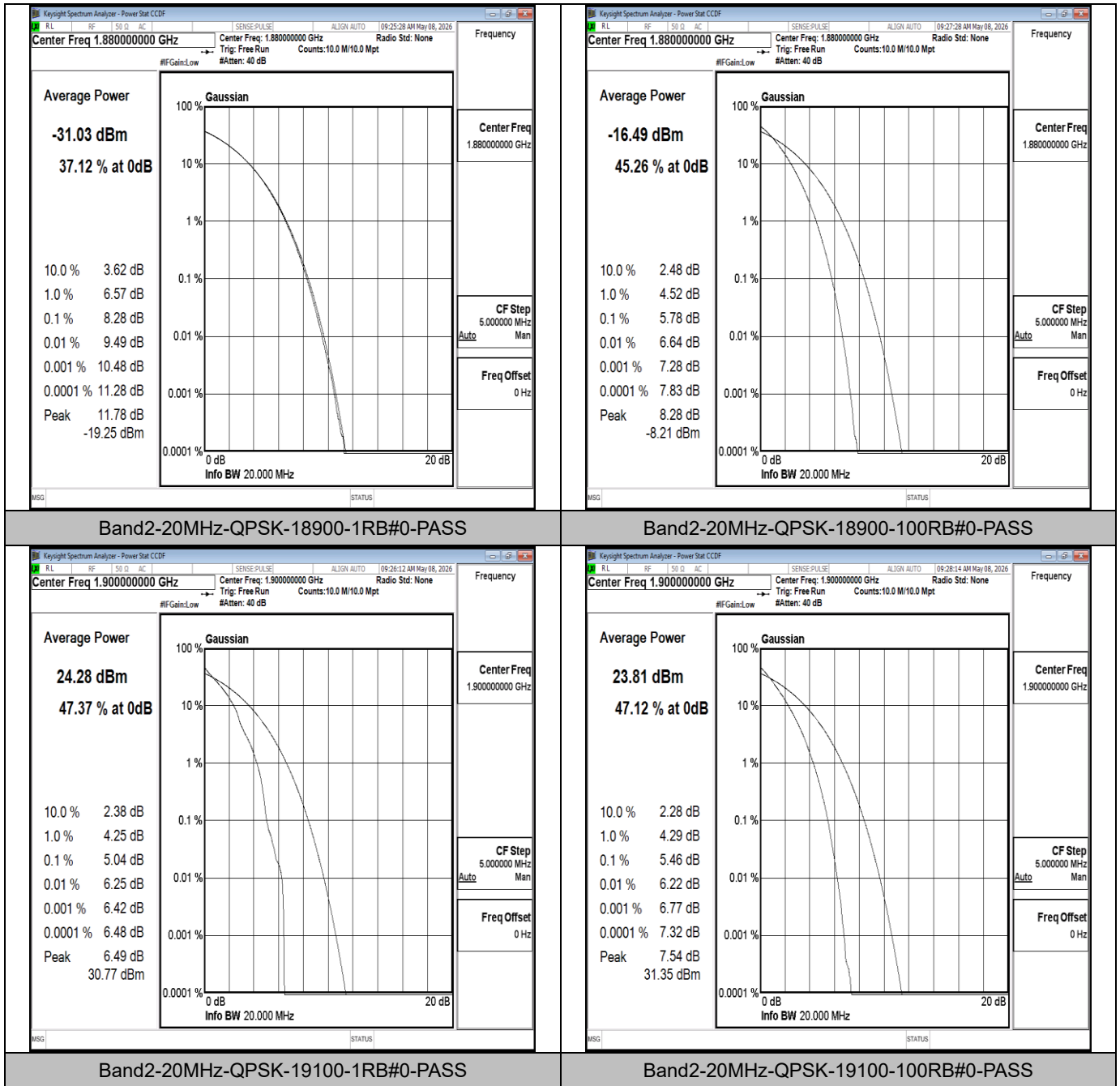


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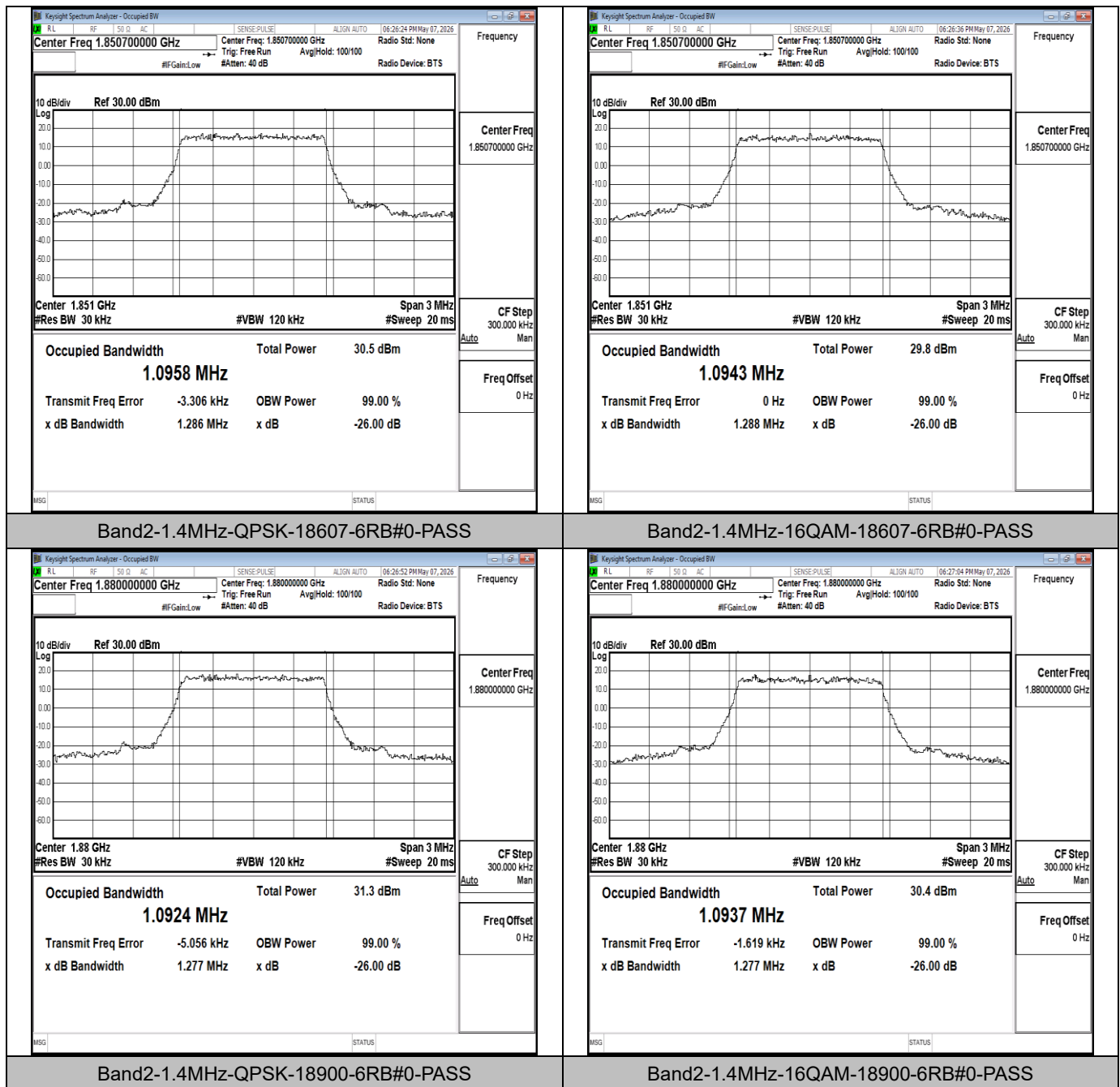
B.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0958	1.286	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0943	1.288	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0924	1.277	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0937	1.277	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0929	1.283	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0957	1.308	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6955	2.986	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7099	2.984	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6955	2.966	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7098	2.967	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6986	2.958	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6895	2.942	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5110	5.037	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4963	4.985	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5036	5.013	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4922	5.007	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4957	4.983	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4979	4.985	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9976	10.30	PASS
Band2	10MHz	16QAM	18650	27RB#0	5.0227	6.144	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9934	10.12	PASS
Band2	10MHz	16QAM	18900	27RB#0	4.9914	6.259	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9906	10.19	PASS
Band2	10MHz	16QAM	19150	27RB#0	5.0220	6.093	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.534	15.25	PASS
Band2	15MHz	16QAM	18675	27RB#0	5.1900	6.775	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.482	15.35	PASS
Band2	15MHz	16QAM	18900	27RB#0	5.1951	6.701	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.482	15.27	PASS
Band2	15MHz	16QAM	19125	27RB#0	5.1764	6.758	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.998	20.07	PASS
Band2	20MHz	16QAM	18700	27RB#0	5.4247	7.367	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.967	20.05	PASS
Band2	20MHz	16QAM	18900	27RB#0	5.4062	7.317	PASS

Band2	20MHz	QPSK	19100	100RB#0	17.924	19.96	PASS
Band2	20MHz	16QAM	19100	27RB#0	5.4029	7.306	PASS

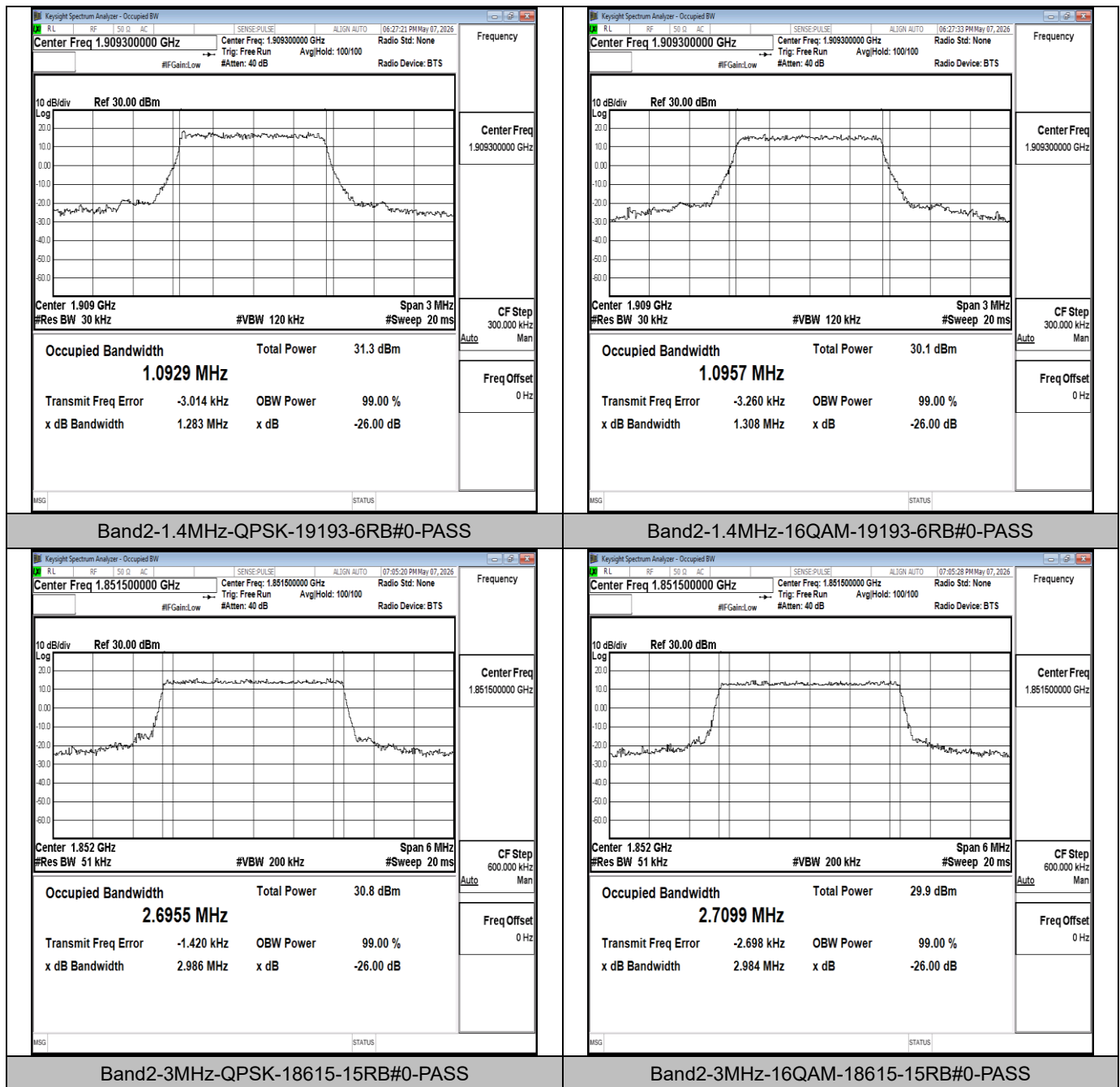
Test Graphs

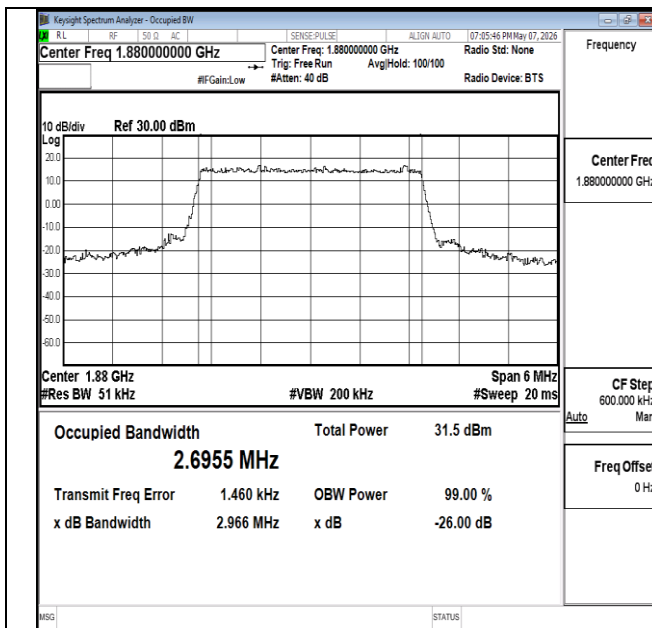


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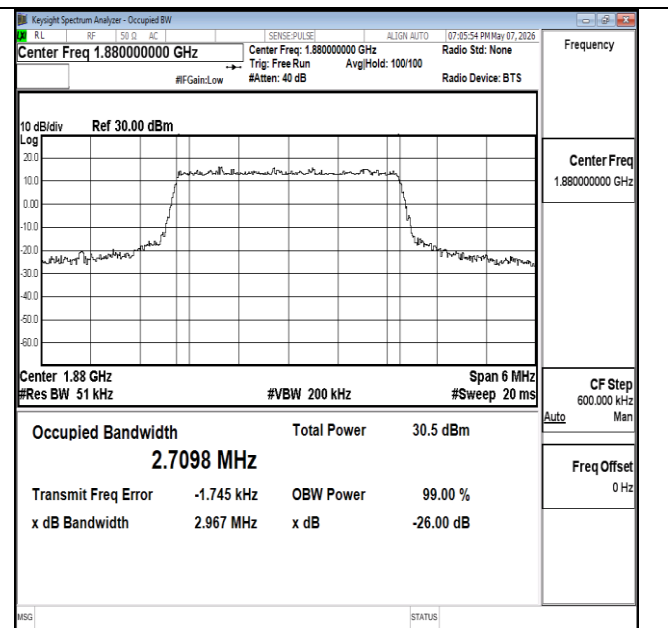
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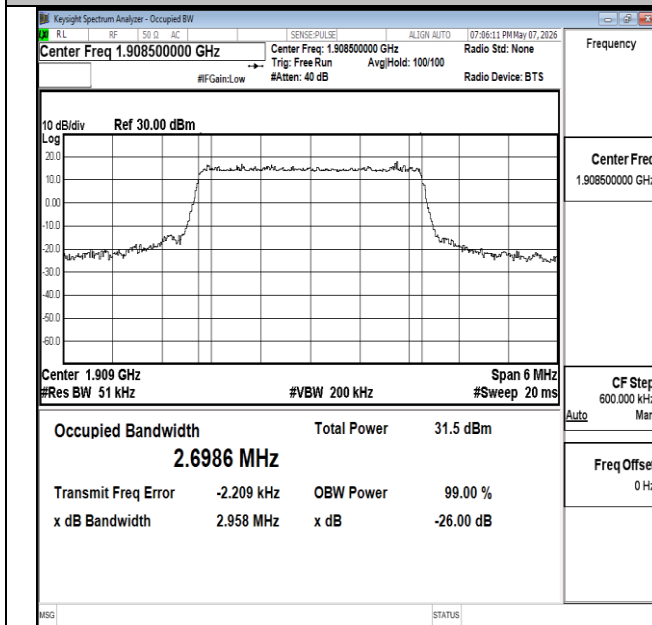




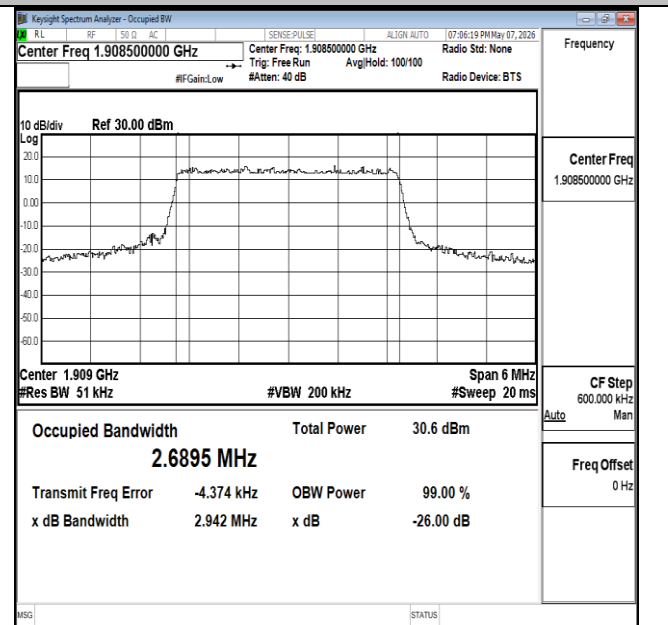
Band2-3MHz-QPSK-18900-15RB#0-PASS



Band2-3MHz-16QAM-18900-15RB#0-PASS



Band2-3MHz-QPSK-19185-15RB#0-PASS



Band2-3MHz-16QAM-19185-15RB#0-PASS

