

Appendix H: Test Data for E-UTRA Band 5

Product Name: Tablet

Test Model: MegaPad

Environmental Conditions

Temperature:	24.1°C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Zhang hai
Supervised by:	Fengliu Tang

H.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Power(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.98	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.12	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.98	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.07	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.07	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.09	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.04	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.20	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.61	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.14	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.00	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.05	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.99	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.91	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.56	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.72	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.55	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.70	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.62	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.67	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.66	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.58	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.13	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.50	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.60	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.73	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.47	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.72	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.56	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.69	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.55	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.66	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.74	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.69	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.67	PASS

Band5	1.4MHz	16QAM	20643	1RB#0	21.69	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.10	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.77	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.58	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.87	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.61	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.72	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.08	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.02	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.97	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.03	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.05	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.01	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.98	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.01	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.31	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.88	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.10	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.06	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.04	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.95	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.58	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.56	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.58	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.68	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.67	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.64	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.65	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.86	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.97	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.77	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.70	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.82	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.72	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.66	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.59	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.53	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.67	PASS
Band5	3MHz	QPSK	20635	8RB#0	21.68	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.70	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.60	PASS

Band5	3MHz	QPSK	20635	15RB#0	21.68	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.77	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.05	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.83	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.67	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.70	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.68	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.63	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.06	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.23	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.93	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.01	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.00	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.93	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.93	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.08	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.57	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.91	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.01	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.03	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.96	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.03	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.61	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.86	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.53	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.73	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.69	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.64	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.70	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.64	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.26	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.57	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.70	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.77	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.64	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.78	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.52	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.82	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.62	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.77	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.74	PASS

Band5	5MHz	QPSK	20625	12RB#13	21.63	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.66	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.75	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.12	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.90	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.77	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.79	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.65	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.65	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.06	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.99	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.68	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.95	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.91	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.75	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.86	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.26	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.44	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.87	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.02	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.94	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.75	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.92	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.72	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.72	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.54	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.95	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.71	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.83	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.88	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.98	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.13	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.78	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.95	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.77	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.85	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.88	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.58	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.73	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.62	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.51	PASS

Band5	10MHz	QPSK	20600	25RB#12	21.64	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.48	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.53	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.81	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.21	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.89	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.50	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.71	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.52	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.50	PASS

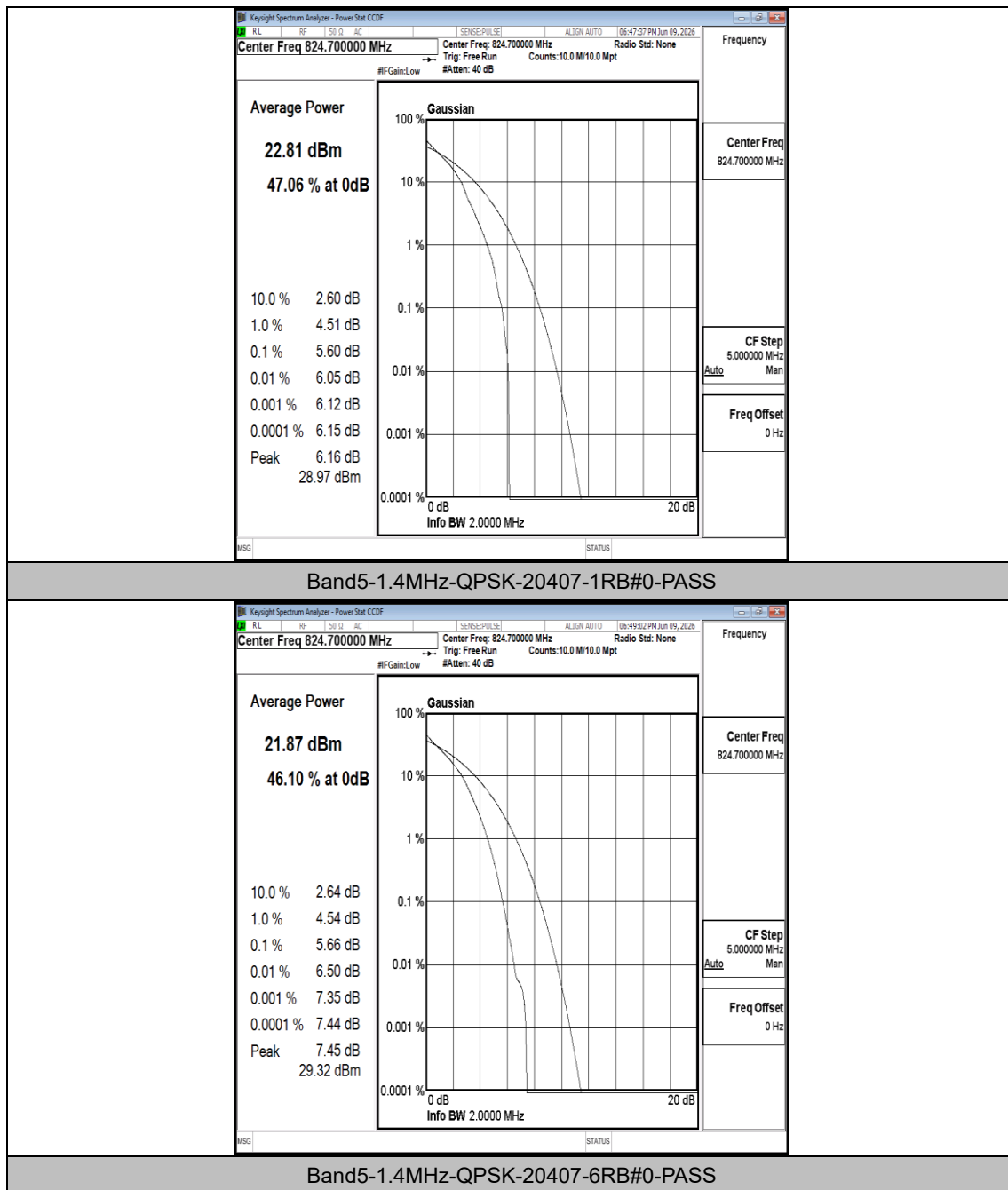
H.2 Peak-to-Average Ratio(CCDF)

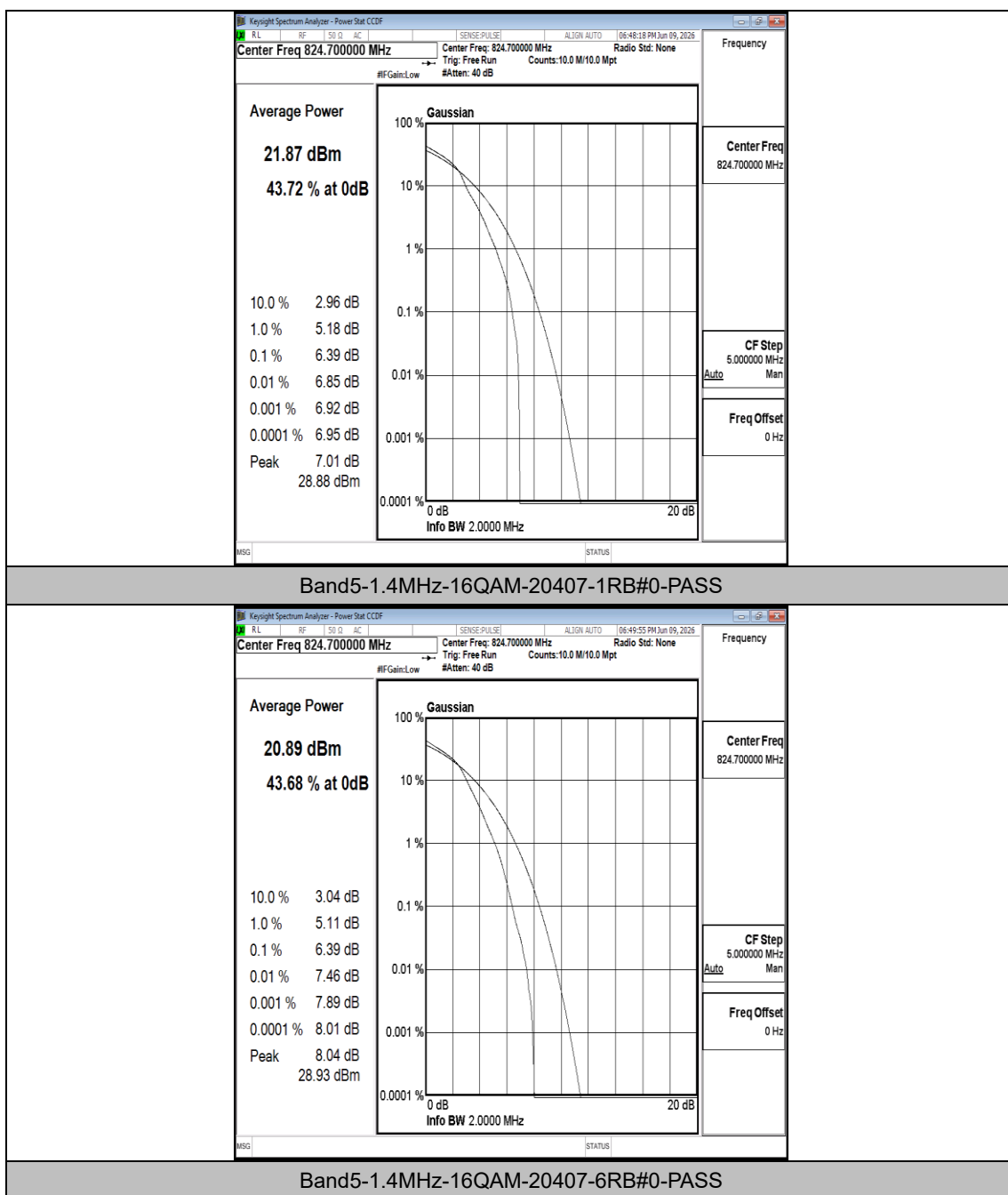
Test Result

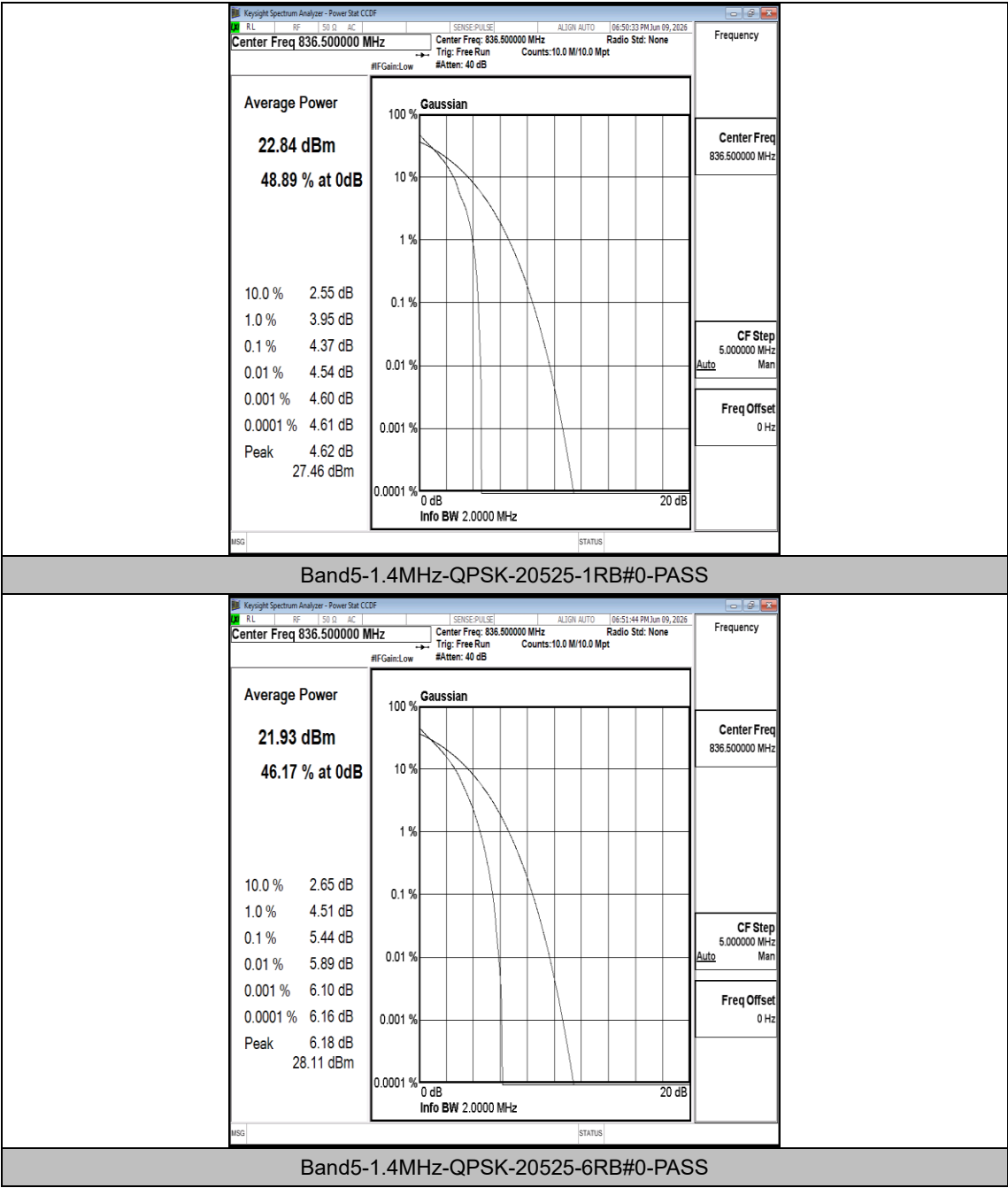
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	5.60	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.66	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	6.39	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.39	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.37	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.44	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.10	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.22	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.60	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.41	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.51	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.27	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.24	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.64	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.85	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.46	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.35	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.51	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.25	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.37	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.25	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.43	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.08	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.22	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.52	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.59	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	6.17	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.33	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.02	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.68	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	4.68	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.36	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	5.09	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.51	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.61	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.14	13	PASS

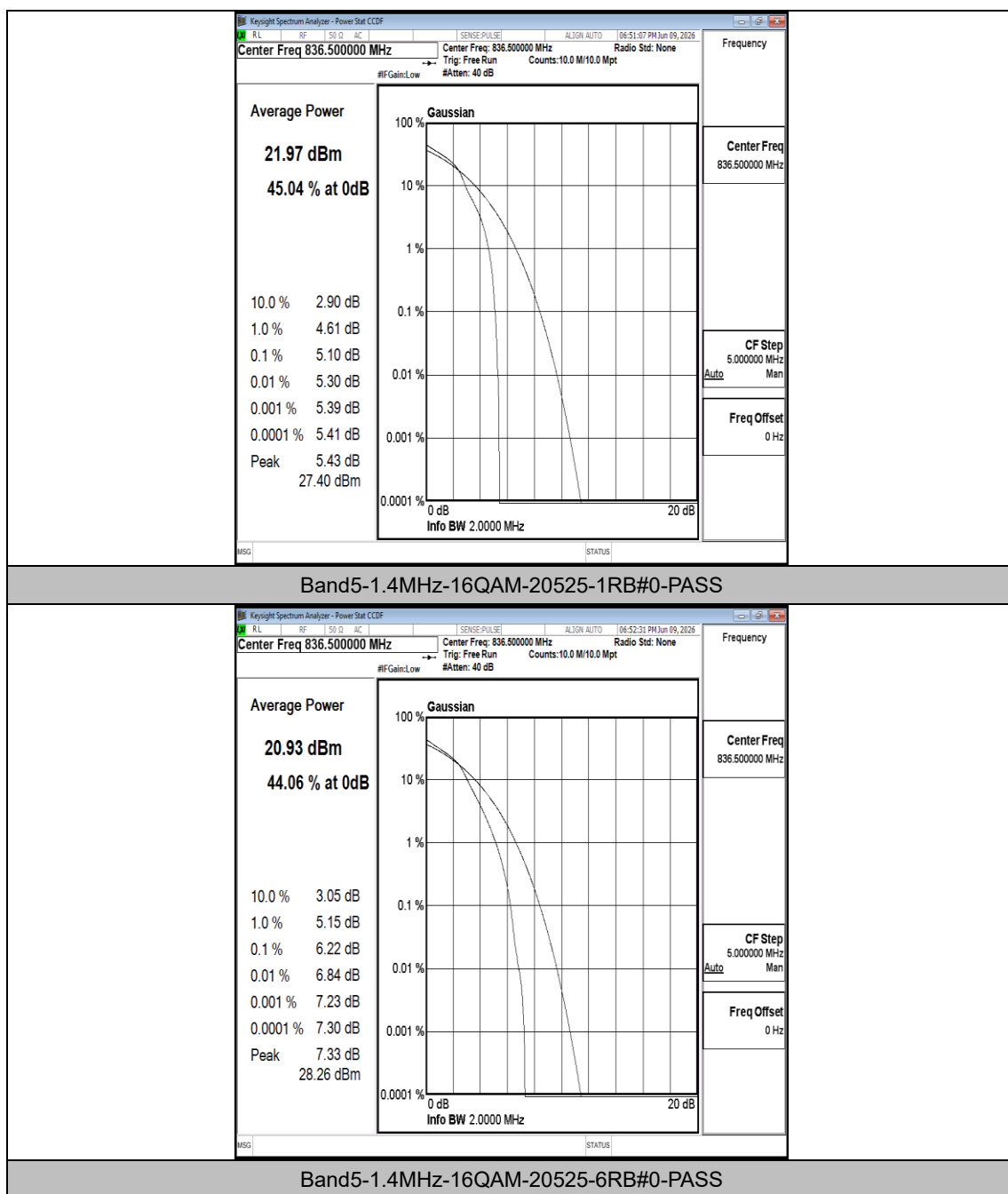
Band5	10MHz	QPSK	20450	1RB#0	5.20	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.34	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.84	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.14	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	3.84	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.72	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	4.78	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.44	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	5.69	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.51	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	6.56	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.30	13	PASS

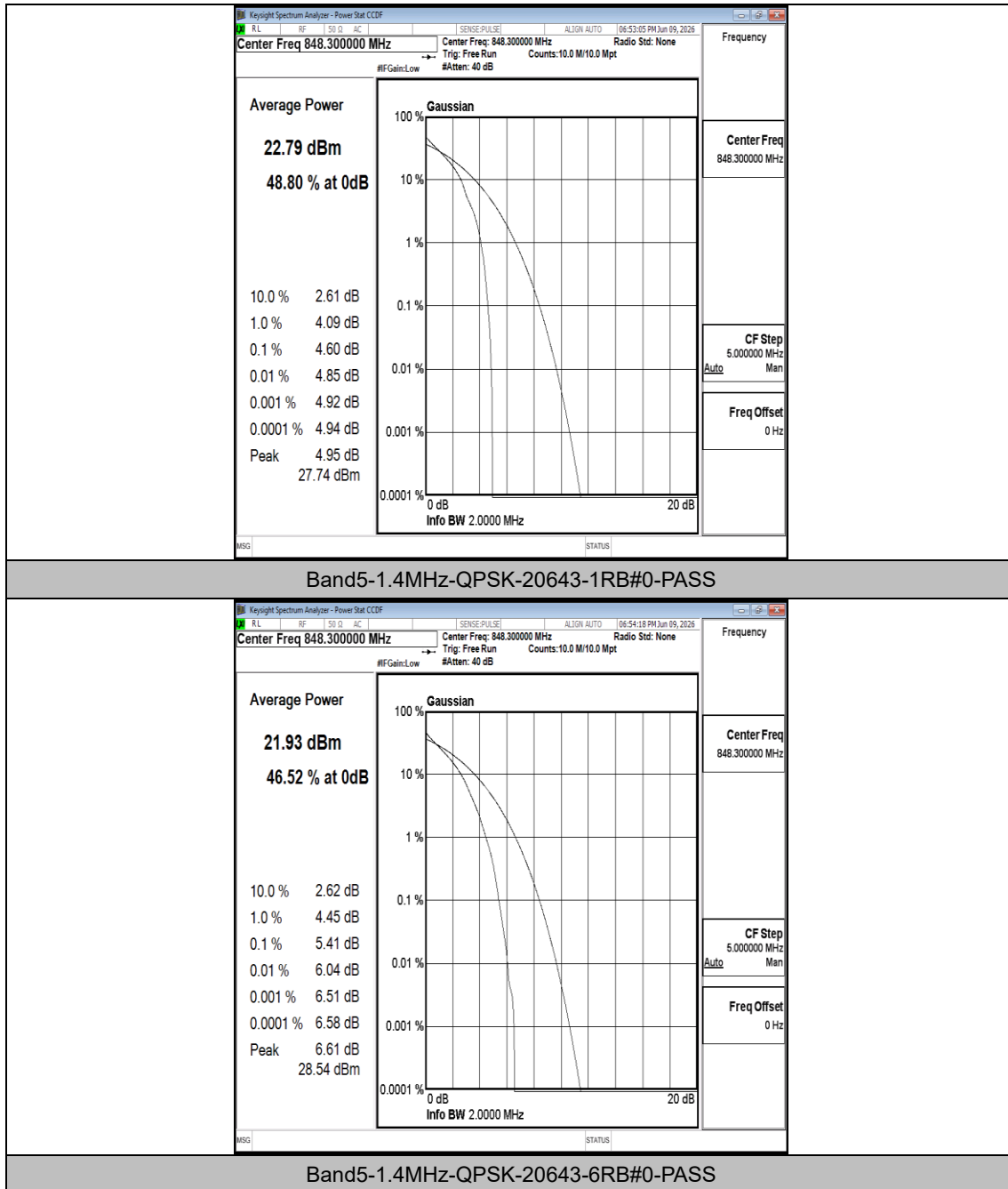
Test Graphs

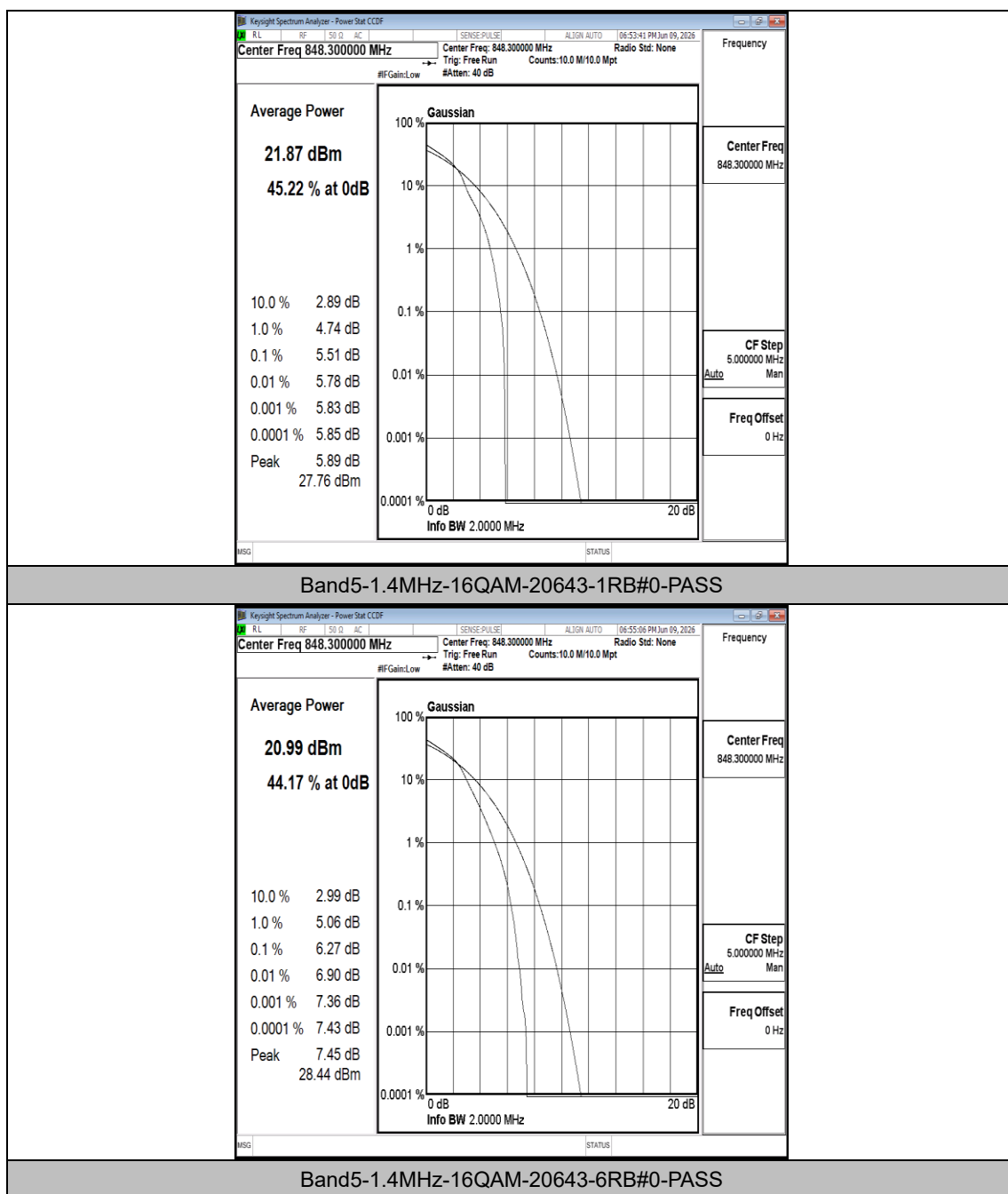


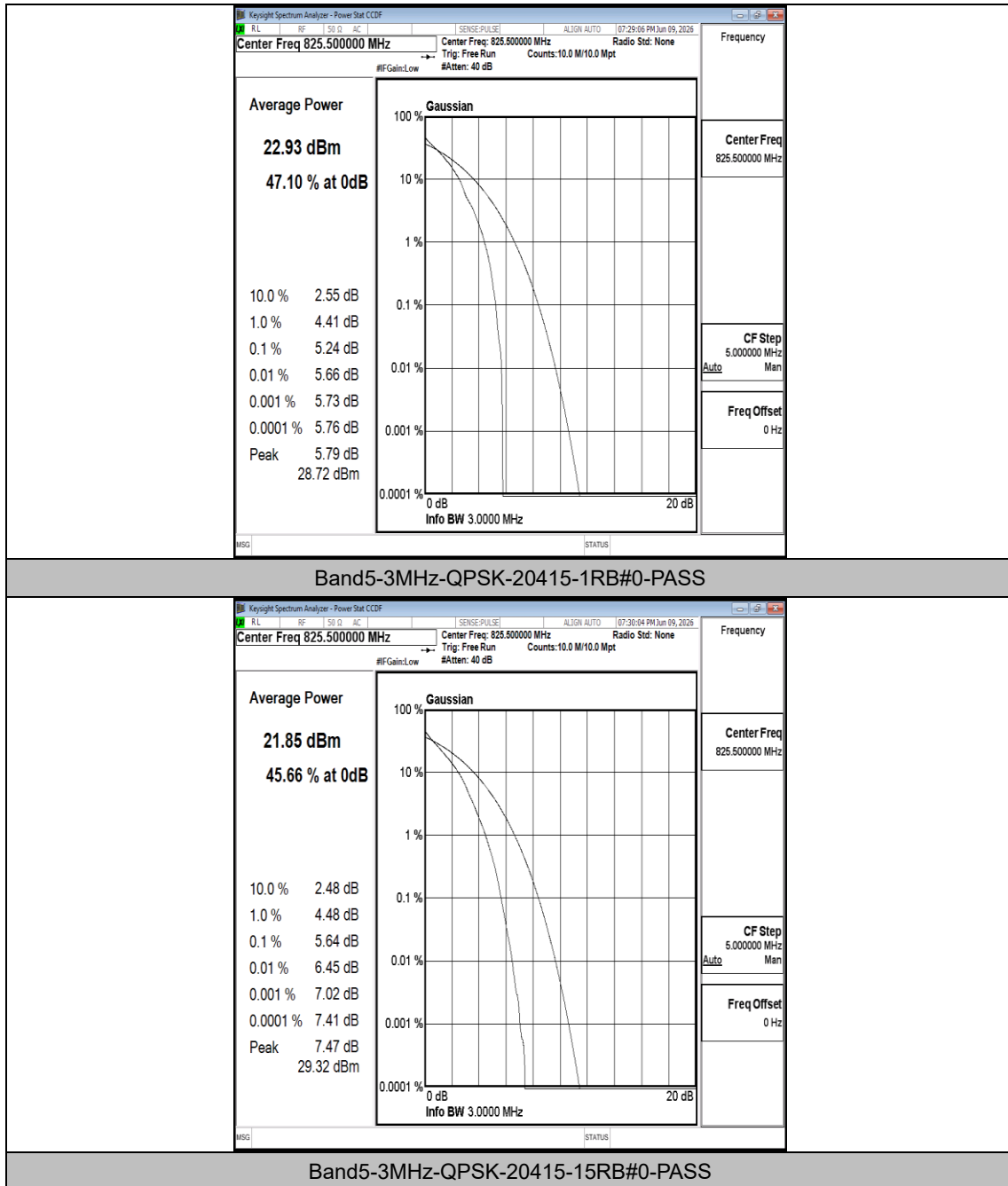


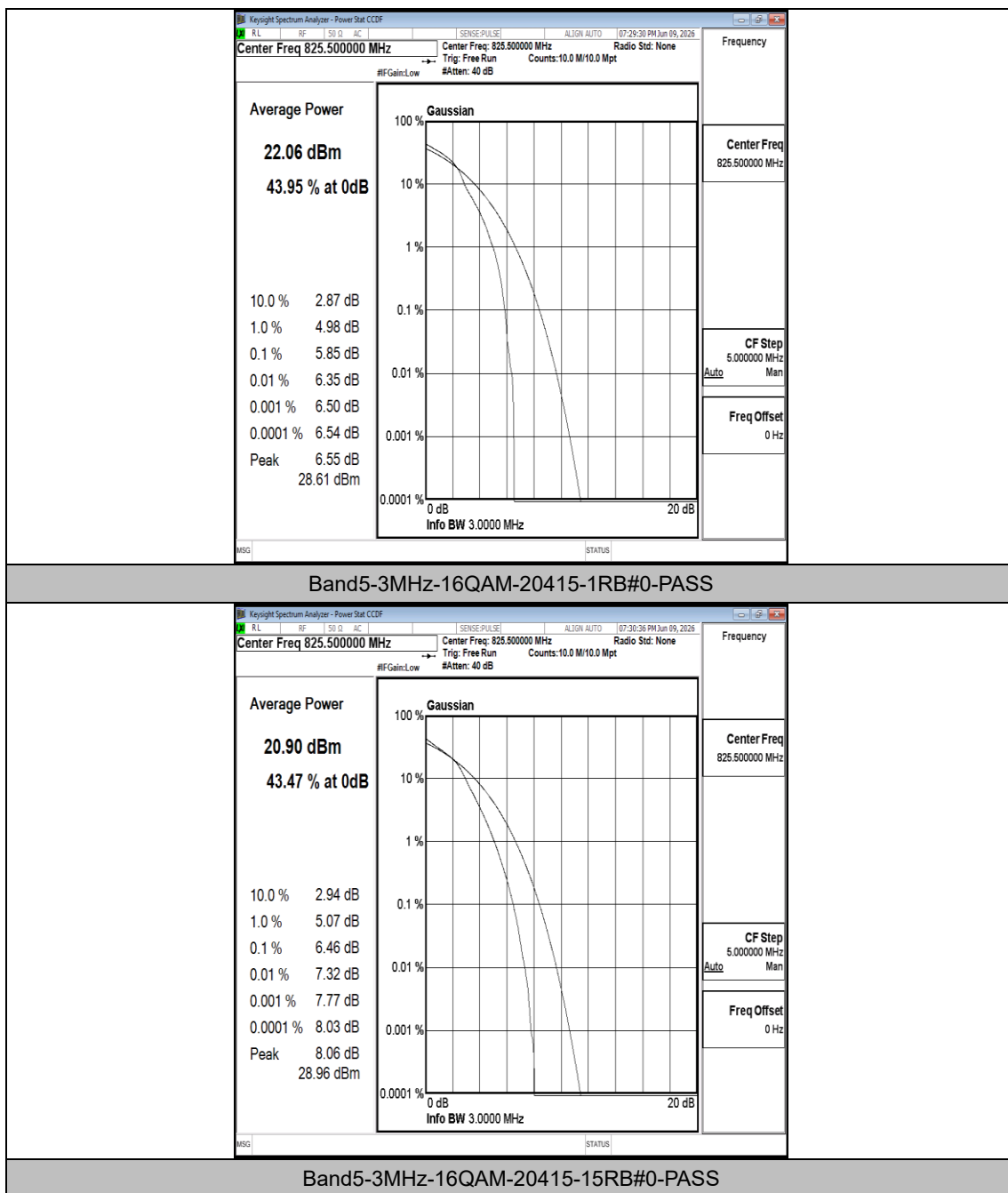


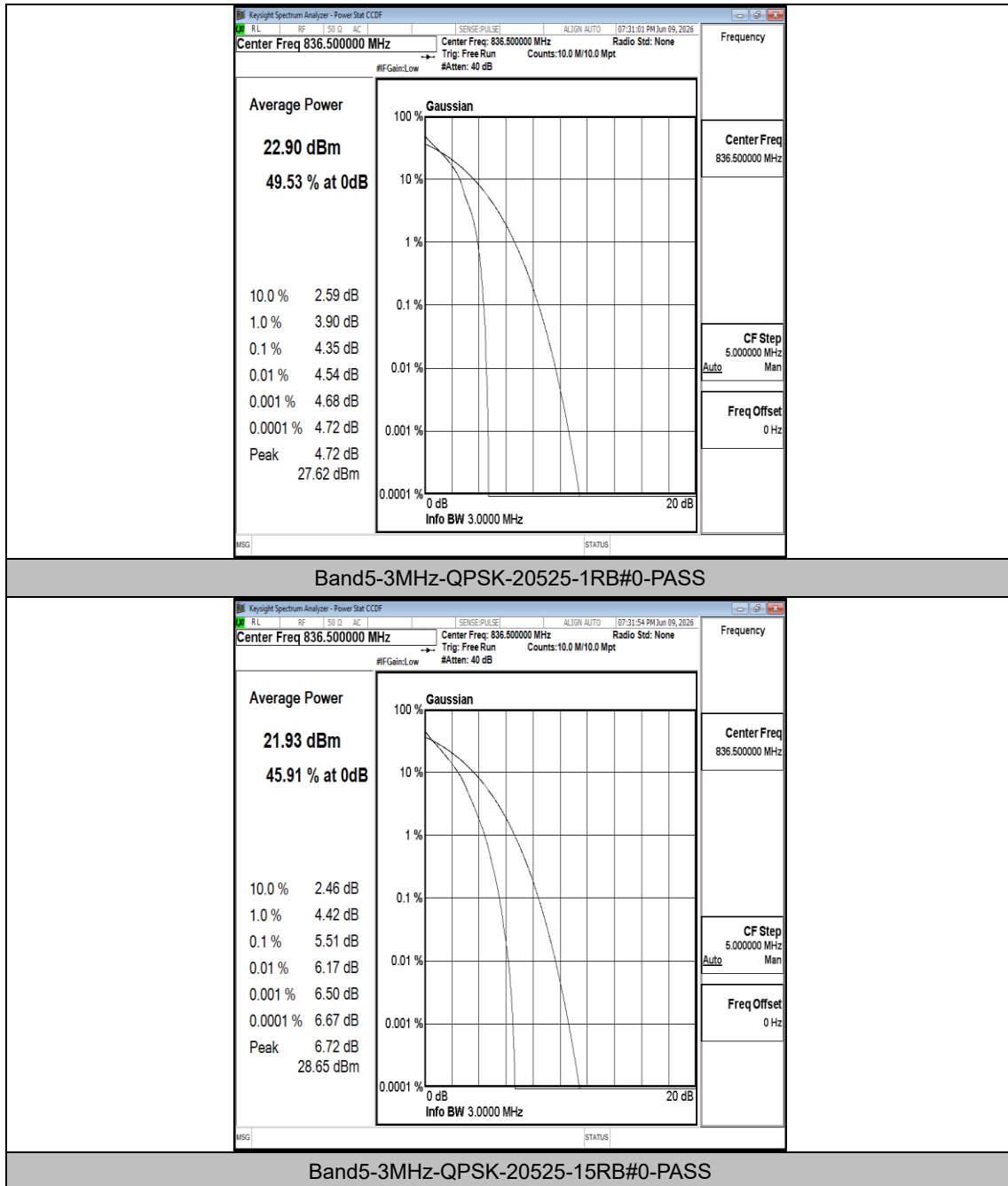


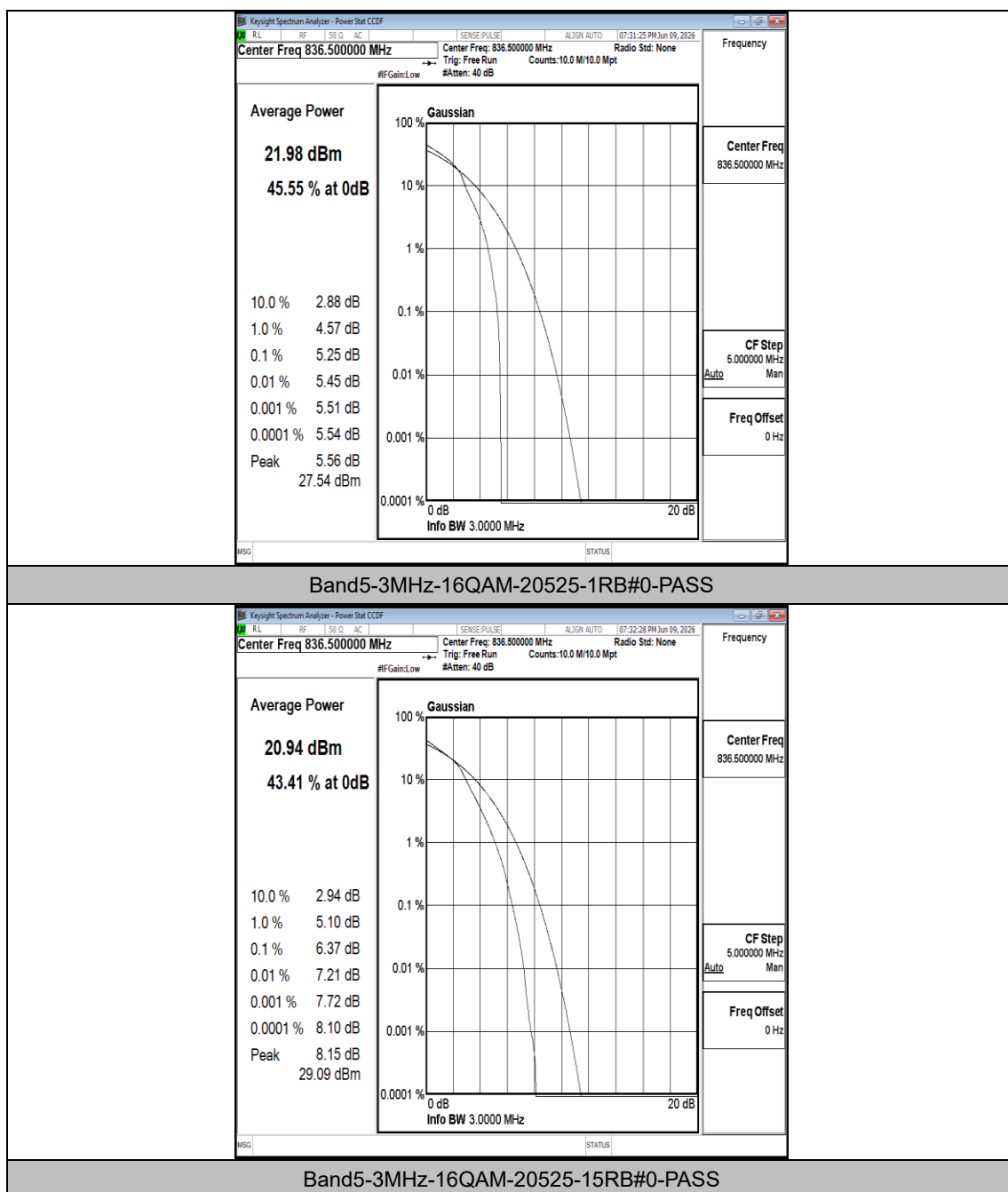


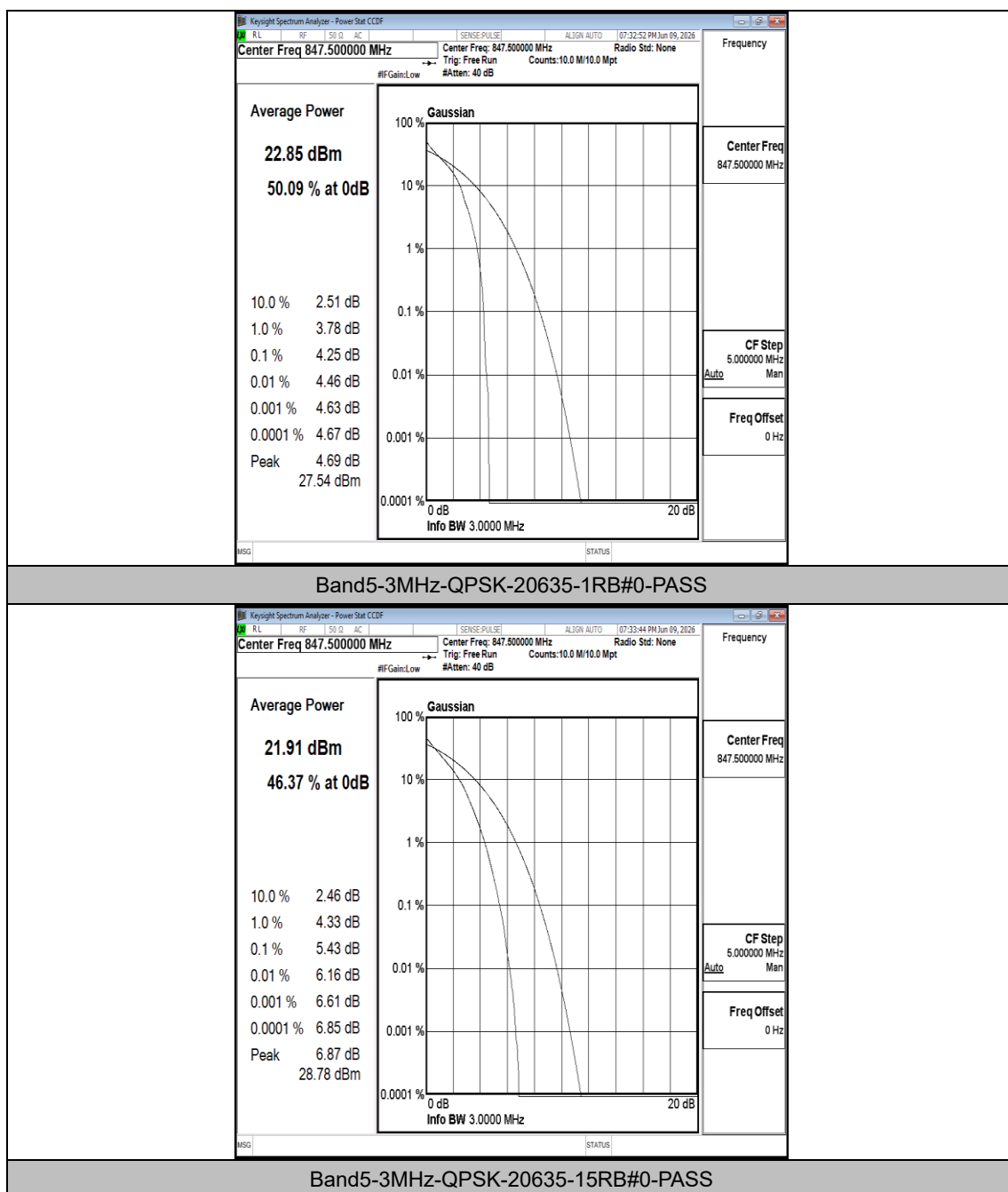


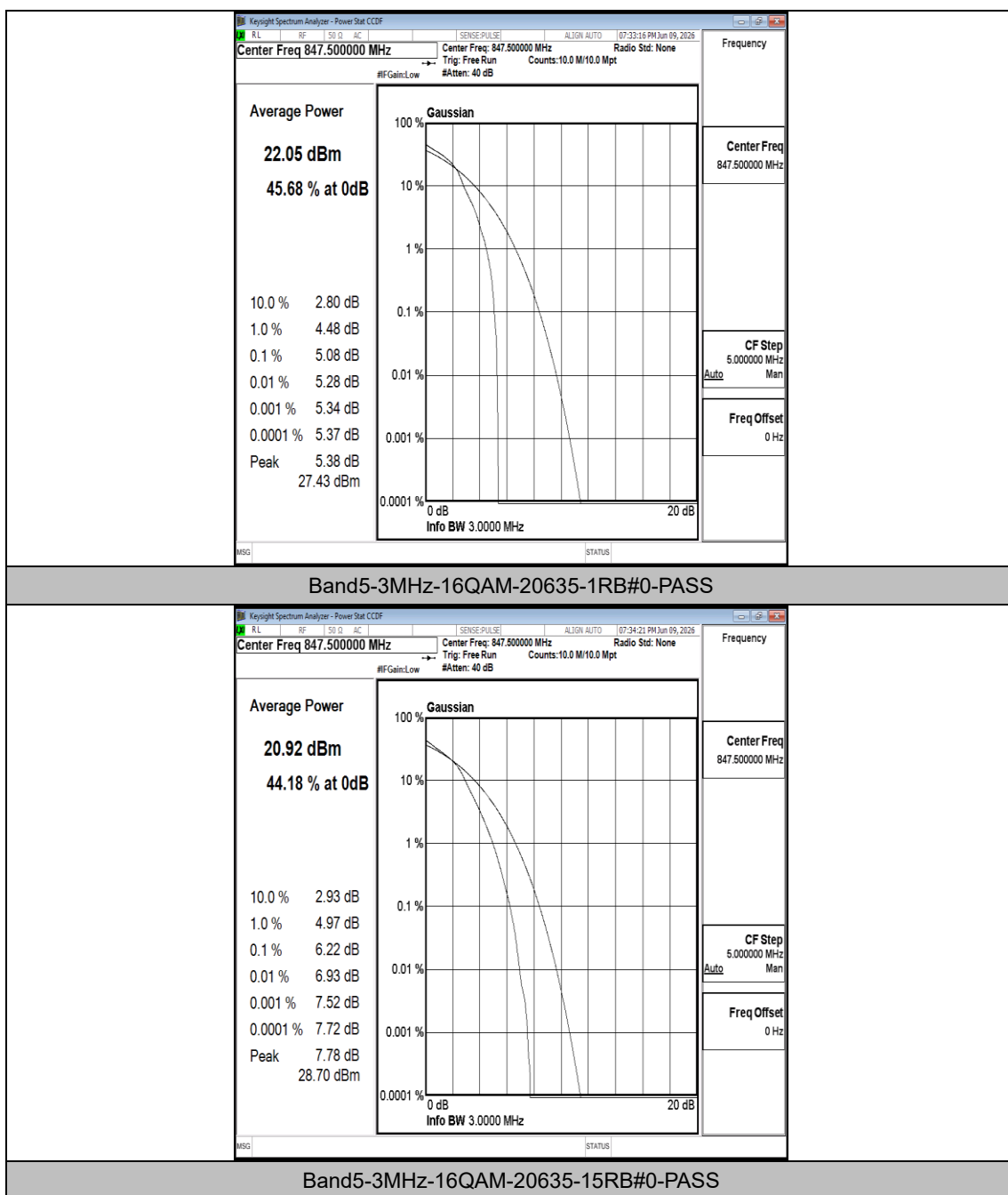


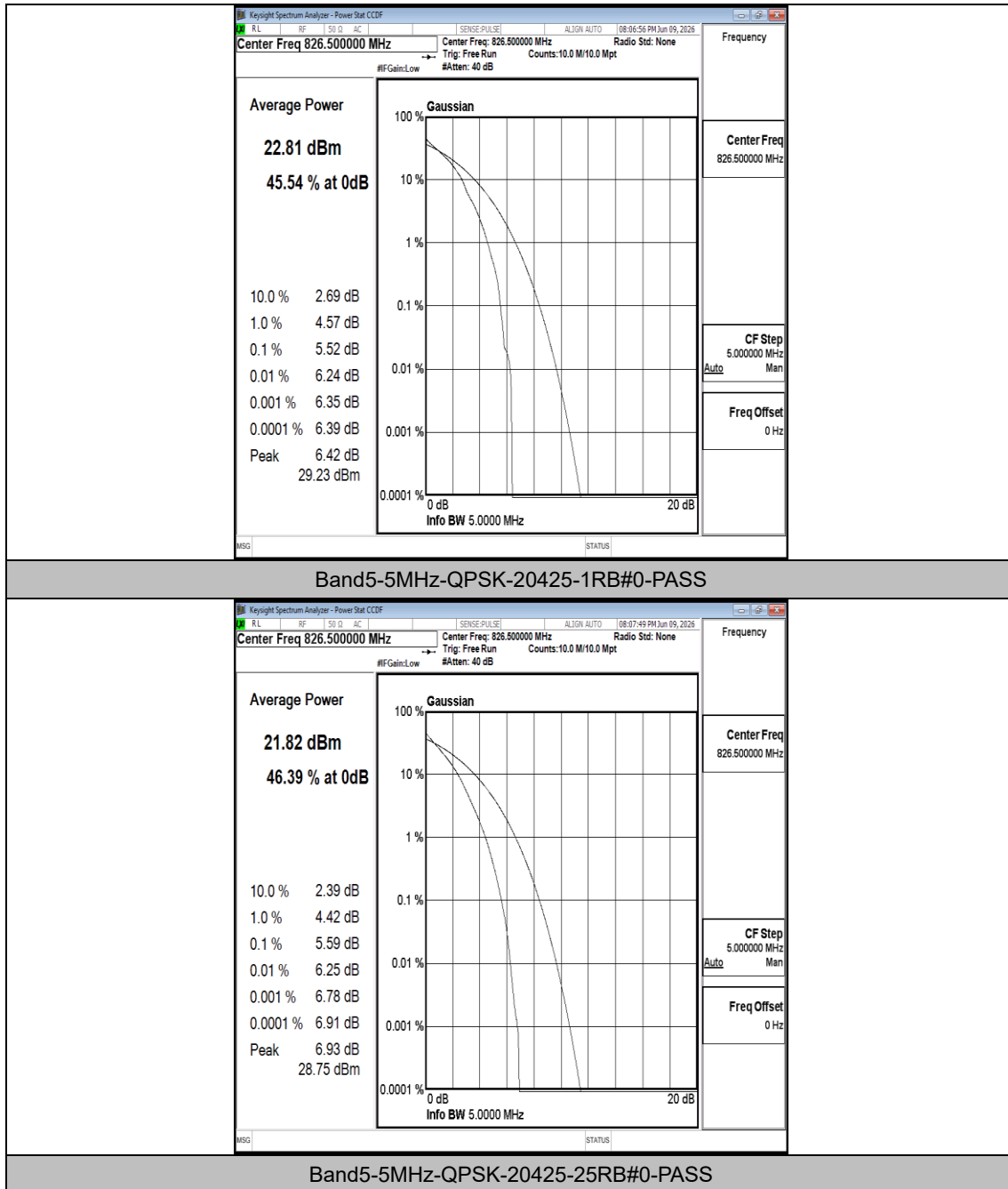


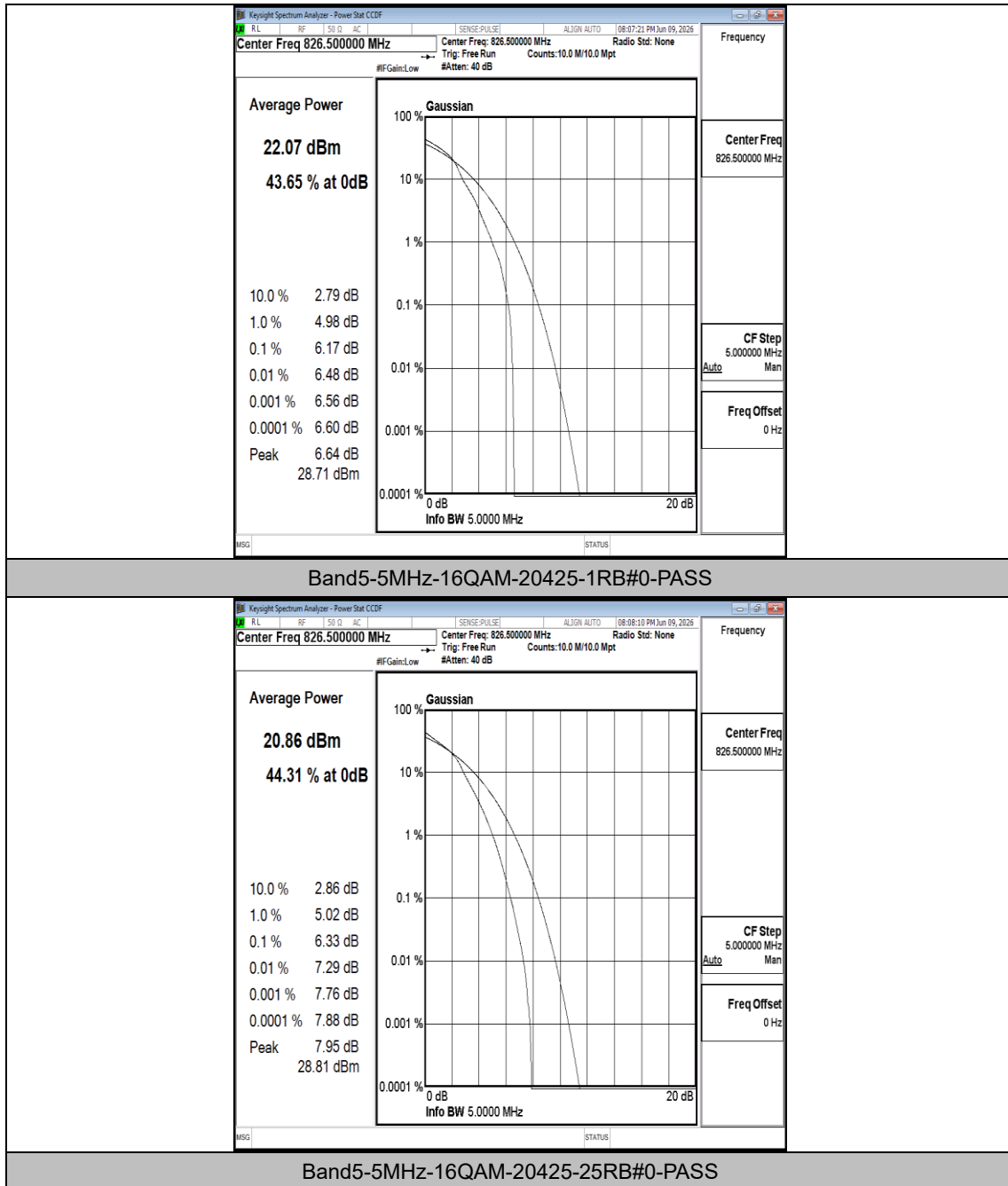


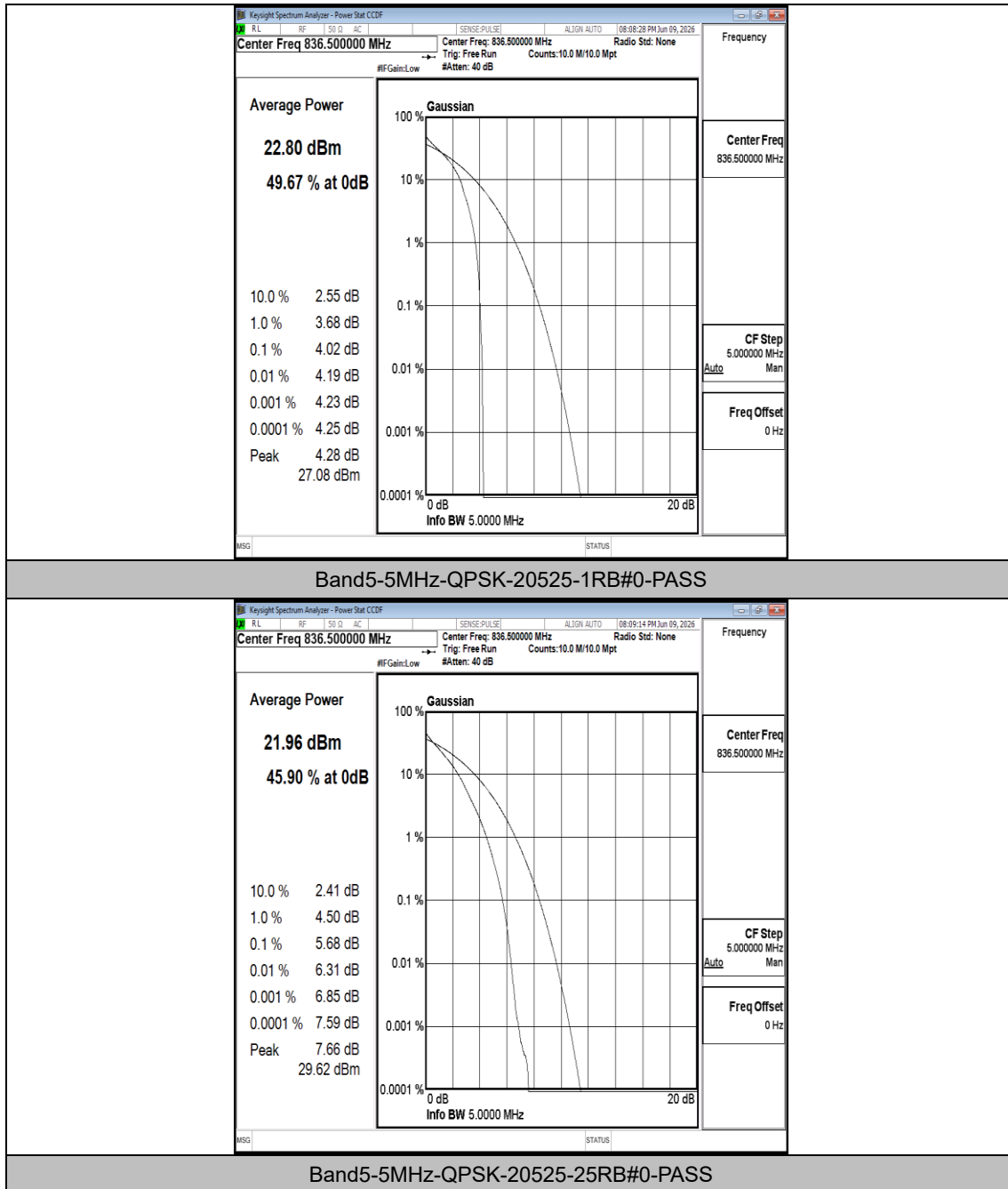


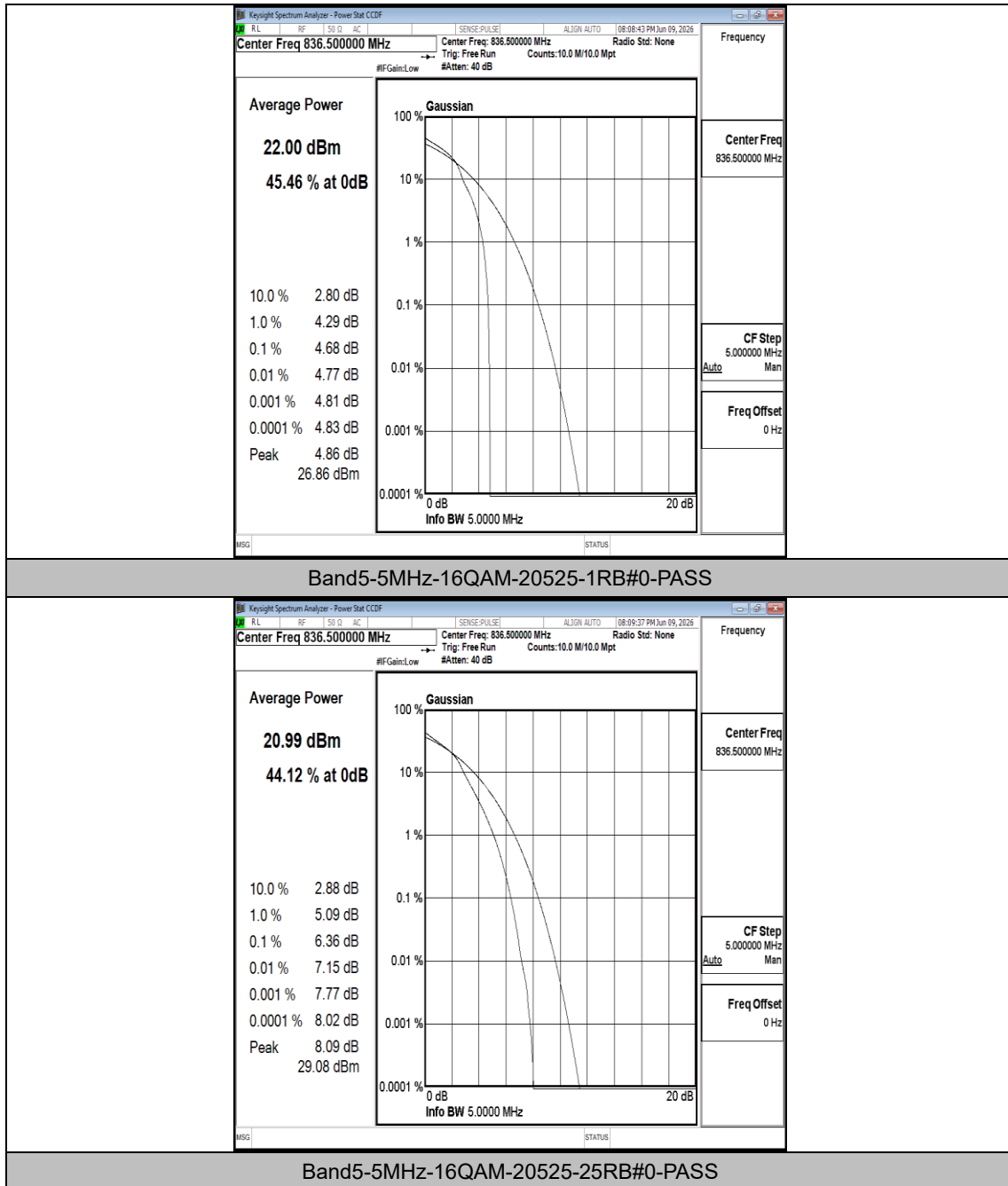


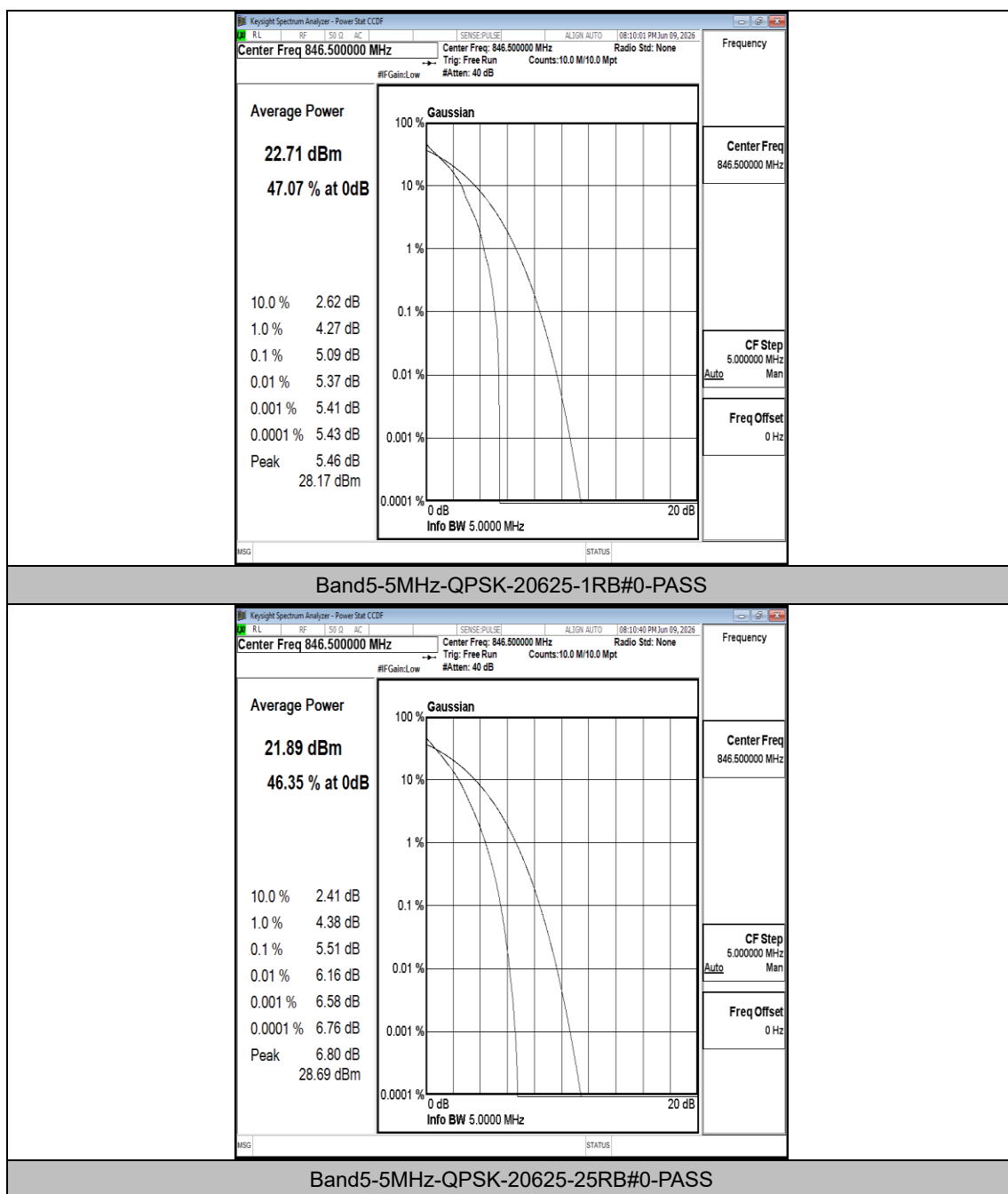


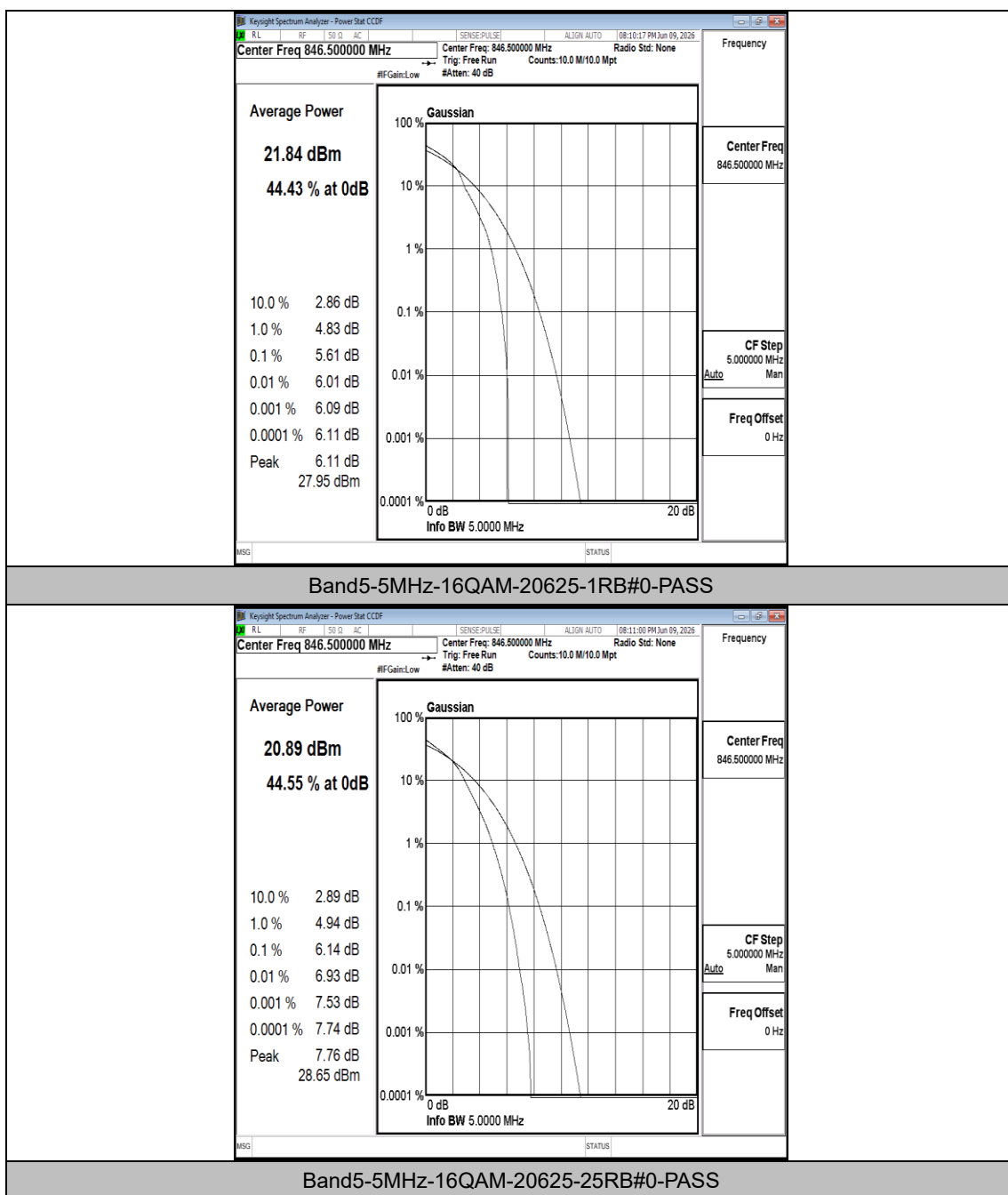


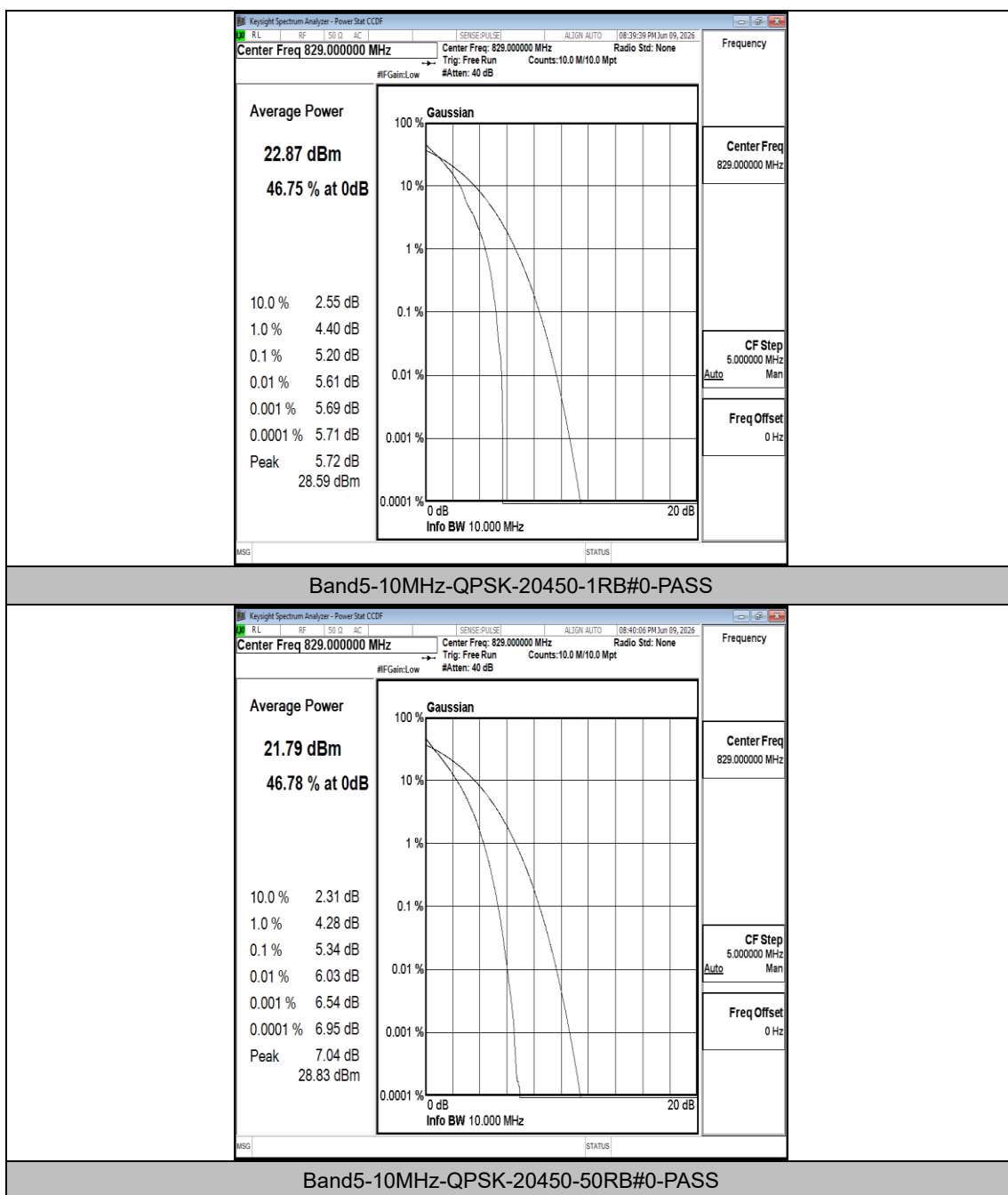


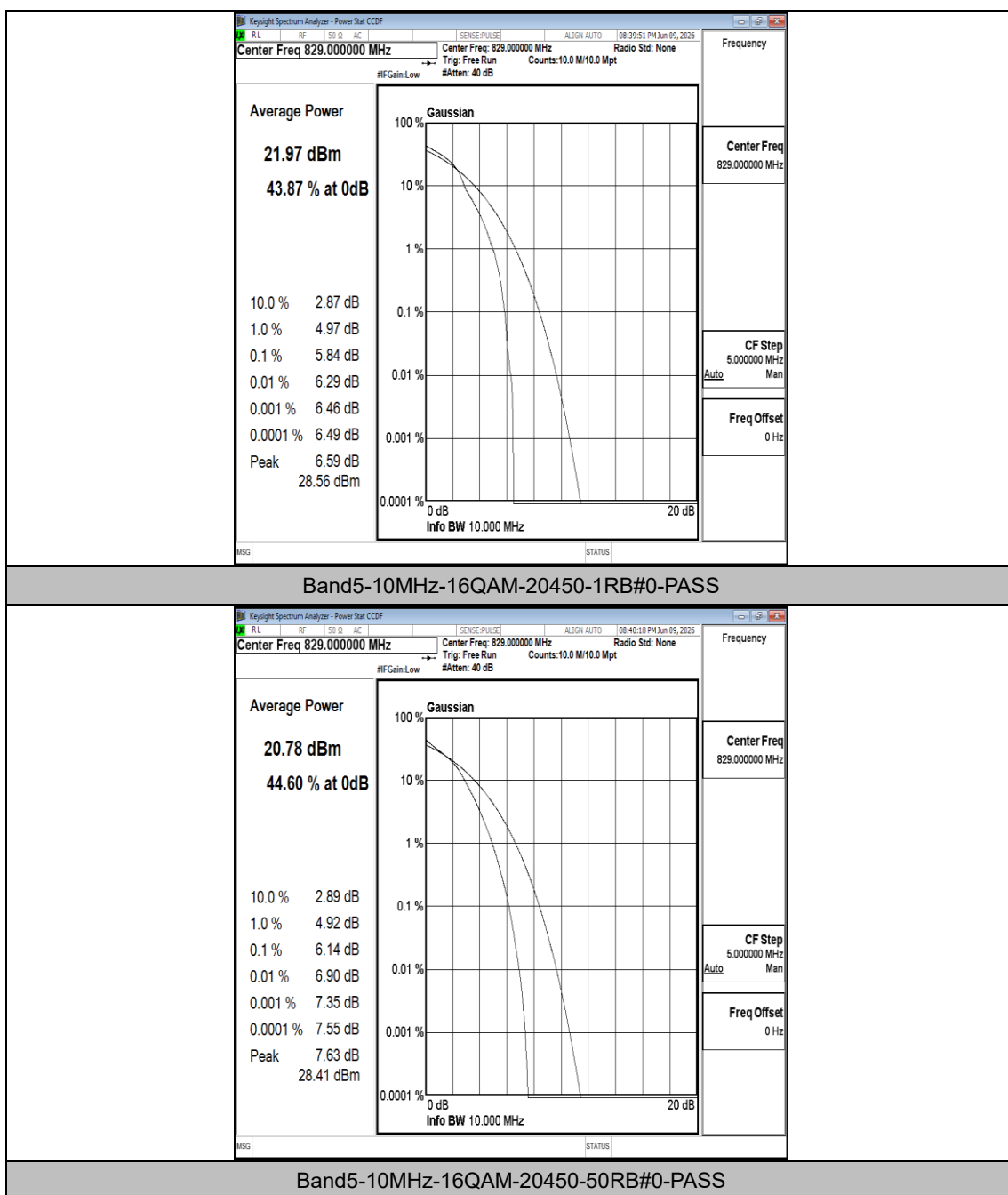


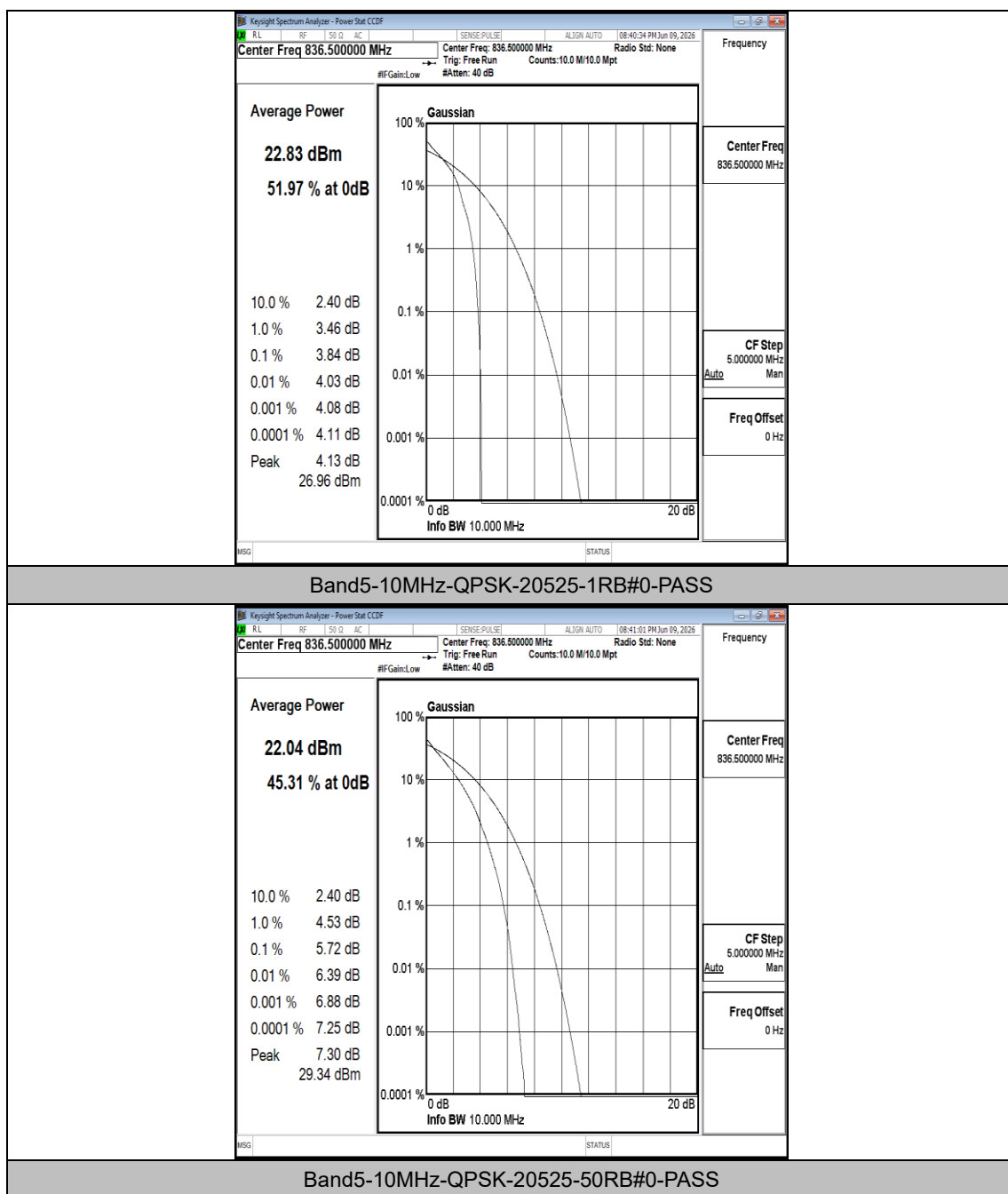


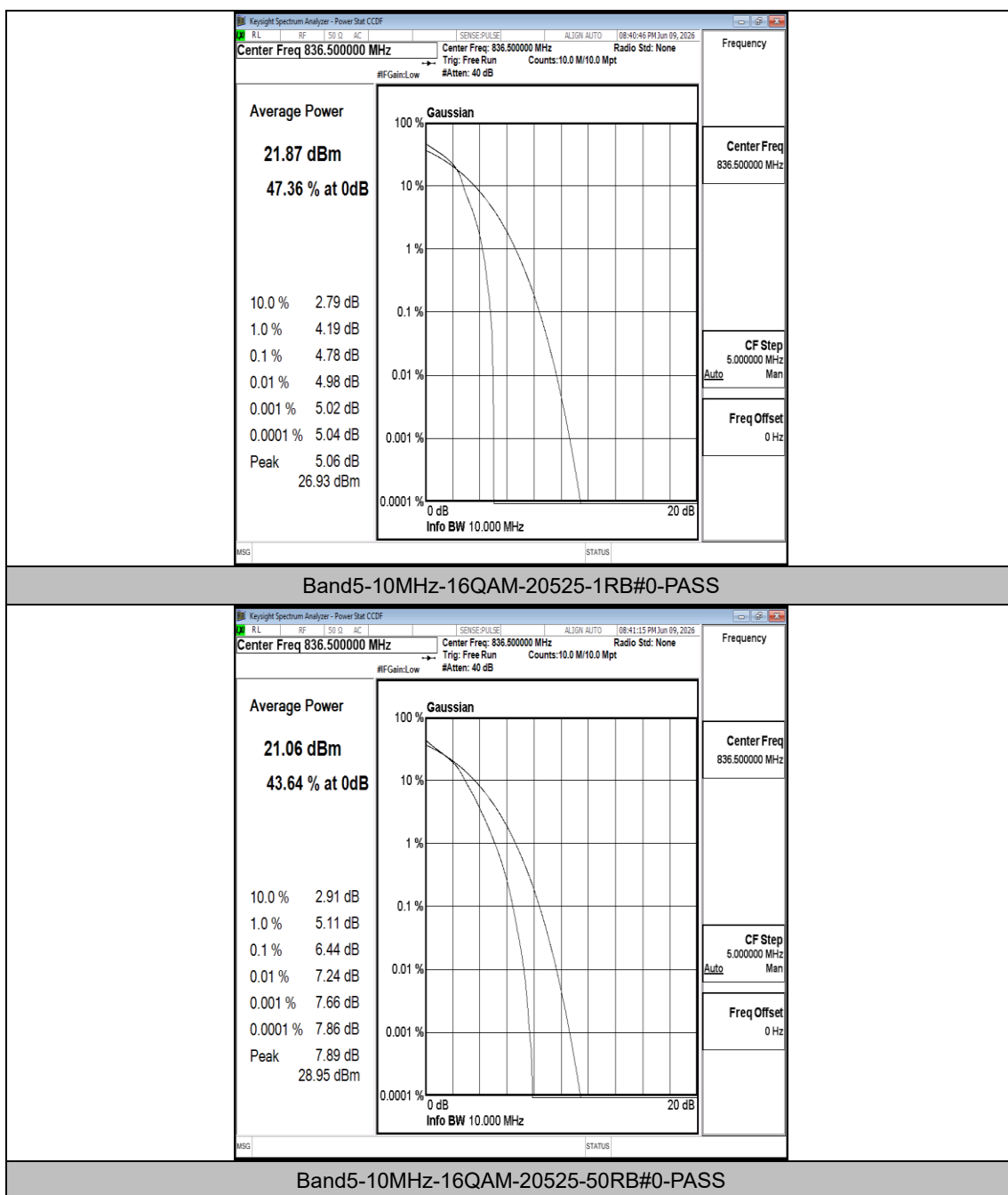


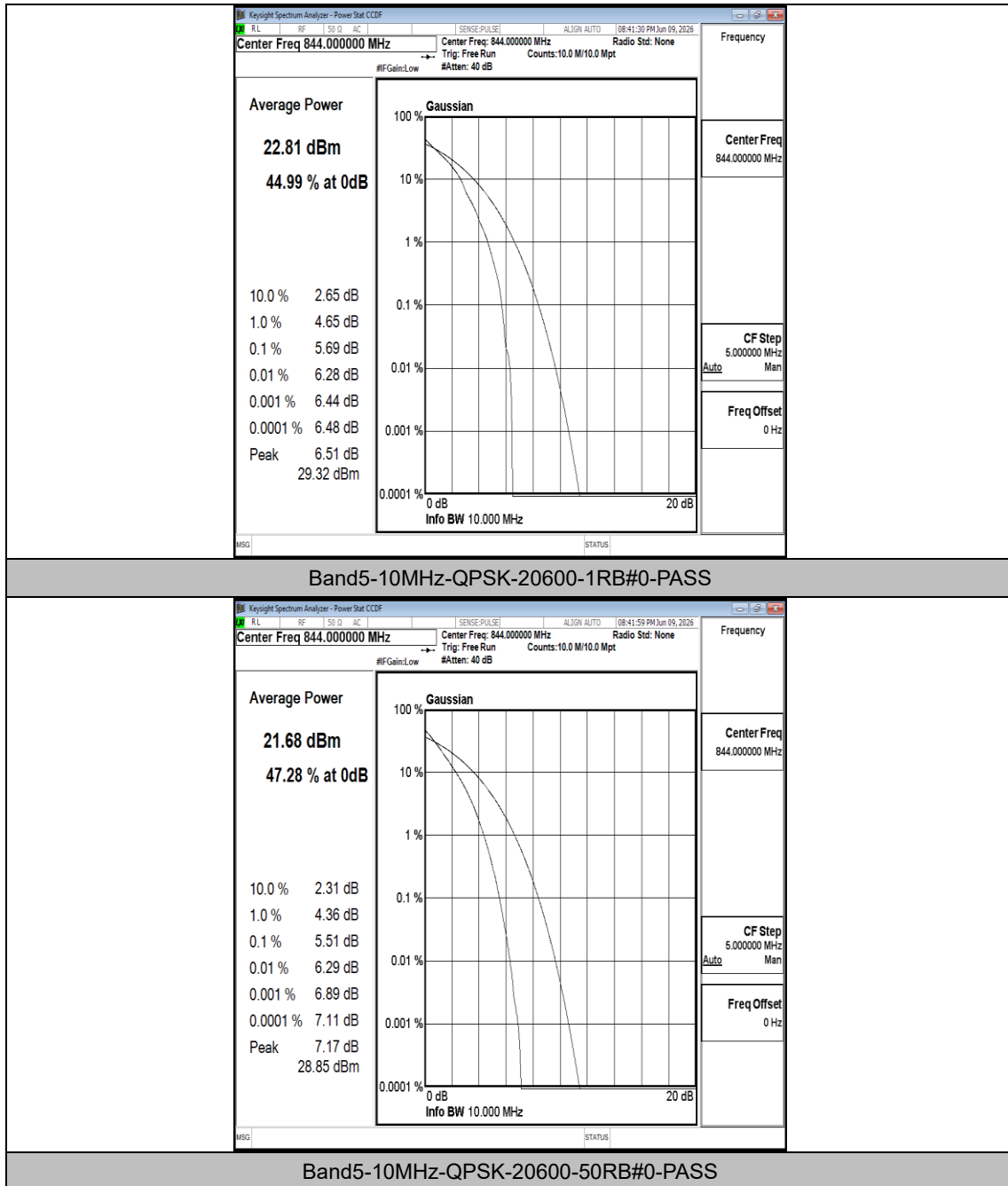


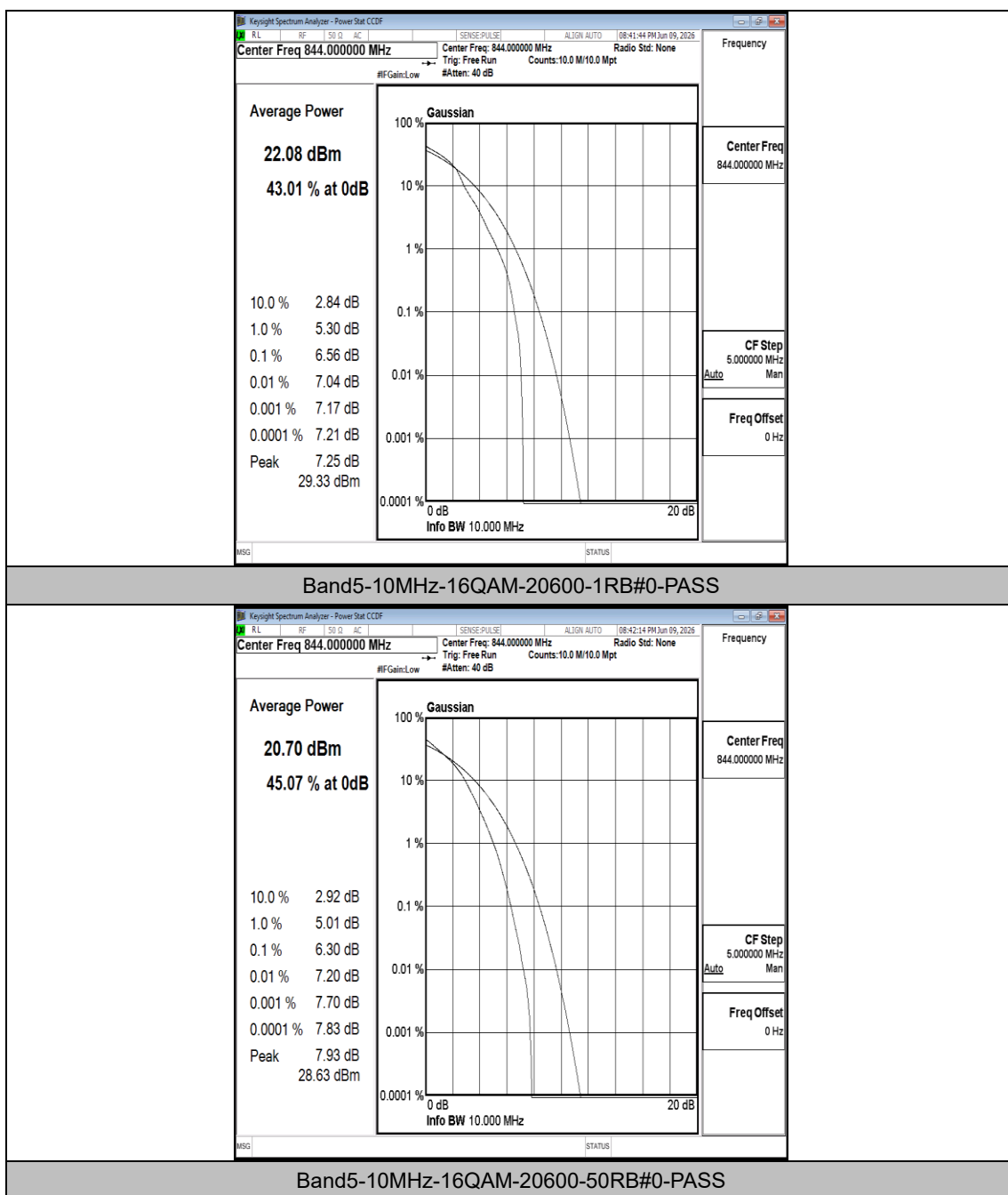












H.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0968	1.270	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0941	1.283	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0940	1.291	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0863	1.276	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0920	1.281	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0954	1.316	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6879	2.892	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6876	2.891	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6868	2.884	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6804	2.900	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6878	2.895	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6826	2.902	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4999	4.893	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4970	4.924	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5045	4.928	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4926	4.910	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4929	4.898	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5000	4.903	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9521	9.714	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9596	9.706	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0130	9.851	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9883	9.724	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9656	9.743	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9598	9.748	PASS

Test Graphs

