



Appendix I: Test Data for E-UTRA Band 7

Product Name: BlueCash-5000

Test Model: BlueCash-5000

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Can Kun
Supervised by:	Paddi Chen





I.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	21.86	PASS
Band7	5MHz	16QAM	20775	1RB#0	20.70	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.12	PASS
Band7	5MHz	16QAM	20775	1RB#12	20.76	PASS
Band7	5MHz	QPSK	20775	1RB#24	21.59	PASS
Band7	5MHz	16QAM	20775	1RB#24	20.75	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.14	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.41	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.15	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.44	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.20	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.37	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.22	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.60	PASS
Band7	5MHz	QPSK	21100	1RB#0	21.60	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.18	PASS
Band7	5MHz	QPSK	21100	1RB#12	21.51	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.10	PASS
Band7	5MHz	QPSK	21100	1RB#24	21.62	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.16	PASS
Band7	5MHz	QPSK	21100	12RB#0	20.74	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.30	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.00	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.26	PASS
Band7	5MHz	QPSK	21100	12RB#13	20.99	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.09	PASS
Band7	5MHz	QPSK	21100	25RB#0	20.97	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.01	PASS
Band7	5MHz	QPSK	21425	1RB#0	21.66	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.41	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.08	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.57	PASS
Band7	5MHz	QPSK	21425	1RB#24	21.76	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.47	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.74	PASS



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Scan code to check authenticity



Band7	5MHz	16QAM	21425	12RB#0	21.16	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.72	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.23	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.92	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.14	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.84	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.29	PASS
Band7	10MHz	QPSK	20800	1RB#0	21.50	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.46	PASS
Band7	10MHz	QPSK	20800	1RB#24	21.59	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.59	PASS
Band7	10MHz	QPSK	20800	1RB#49	21.67	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.67	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.56	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.05	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.58	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.05	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.71	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.09	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.63	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.13	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.72	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.75	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.70	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.80	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.61	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.09	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.79	PASS
Band7	10MHz	16QAM	21100	25RB#0	21.18	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.91	PASS
Band7	10MHz	16QAM	21100	25RB#12	21.06	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.73	PASS
Band7	10MHz	16QAM	21100	25RB#25	21.13	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.95	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.05	PASS
Band7	10MHz	QPSK	21400	1RB#0	21.41	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.26	PASS
Band7	10MHz	QPSK	21400	1RB#24	21.65	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.64	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.07	PASS



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Band7	10MHz	16QAM	21400	1RB#49	21.77	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.56	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.19	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.53	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.18	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.99	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.22	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.77	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.23	PASS
Band7	15MHz	QPSK	20825	1RB#0	21.48	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.44	PASS
Band7	15MHz	QPSK	20825	1RB#38	21.49	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.48	PASS
Band7	15MHz	QPSK	20825	1RB#74	21.42	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.44	PASS
Band7	15MHz	QPSK	20825	38RB#0	21.51	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.50	PASS
Band7	15MHz	QPSK	20825	38RB#18	21.50	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.49	PASS
Band7	15MHz	QPSK	20825	38RB#37	21.49	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.49	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.49	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.18	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.25	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.96	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.18	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.94	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.21	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.04	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.83	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.84	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.84	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.85	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.85	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.85	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.86	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.06	PASS
Band7	15MHz	QPSK	21375	1RB#0	21.52	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.19	PASS
Band7	15MHz	QPSK	21375	1RB#38	21.48	PASS



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Band7	15MHz	16QAM	21375	1RB#38	21.26	PASS
Band7	15MHz	QPSK	21375	1RB#74	21.70	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.50	PASS
Band7	15MHz	QPSK	21375	38RB#0	21.54	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.53	PASS
Band7	15MHz	QPSK	21375	38RB#18	21.52	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.52	PASS
Band7	15MHz	QPSK	21375	38RB#37	21.52	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.52	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.51	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.22	PASS
Band7	20MHz	QPSK	20850	1RB#0	21.51	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.37	PASS
Band7	20MHz	QPSK	20850	1RB#49	21.49	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.35	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.30	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.41	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.35	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.26	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.35	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.26	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.80	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.23	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.57	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.09	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.62	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.42	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.72	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.37	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.66	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.43	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.75	PASS
Band7	20MHz	16QAM	21100	50RB#0	21.03	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.81	PASS
Band7	20MHz	16QAM	21100	50RB#25	21.05	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.75	PASS
Band7	20MHz	16QAM	21100	50RB#50	21.04	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.74	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.07	PASS
Band7	20MHz	QPSK	21350	1RB#0	21.86	PASS



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Scan code to check authenticity



Band7	20MHz	16QAM	21350	1RB#0	21.61	PASS
Band7	20MHz	QPSK	21350	1RB#49	21.31	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.17	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.12	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.99	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.47	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.40	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.45	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.40	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.72	PASS
Band7	20MHz	16QAM	21350	50RB#50	21.26	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.59	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.19	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.57	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	4.70	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.12	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.60	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.37	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.22	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.25	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.91	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.64	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	4.78	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.00	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.57	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.46	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	4.75	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.15	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.66	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.28	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	4.99	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.26	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.95	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.66	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.03	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.04	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.63	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.44	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	4.72	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.44	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.77	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.21	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.08	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.51	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.03	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.66	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.02	13	PASS



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Scan code to check authenticity

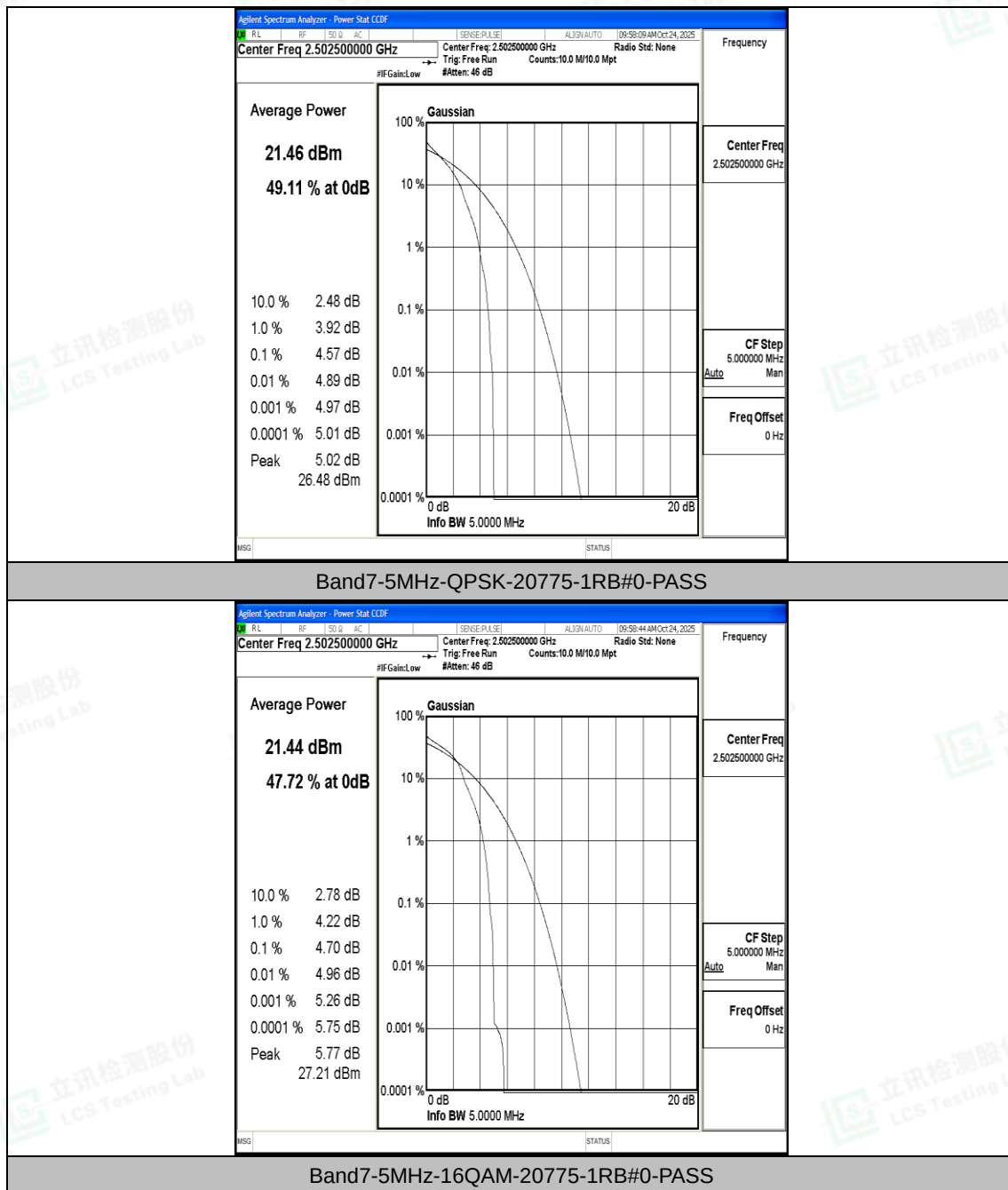


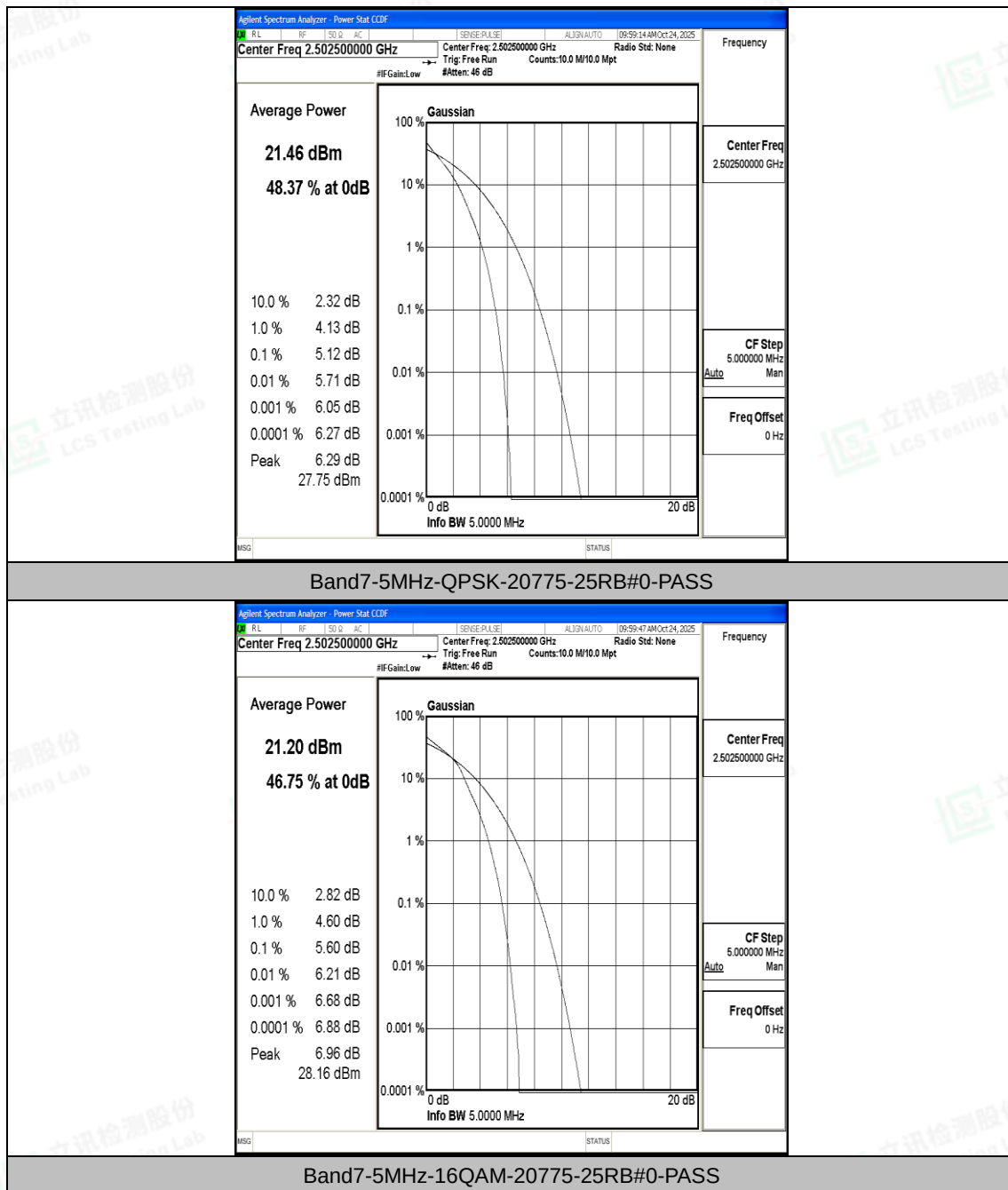
Band7	15MHz	QPSK	21375	75RB#0	5.35	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.77	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.36	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	4.59	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.18	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.72	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.08	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	4.99	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.21	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.94	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.57	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	4.81	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.13	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.74	13	PASS

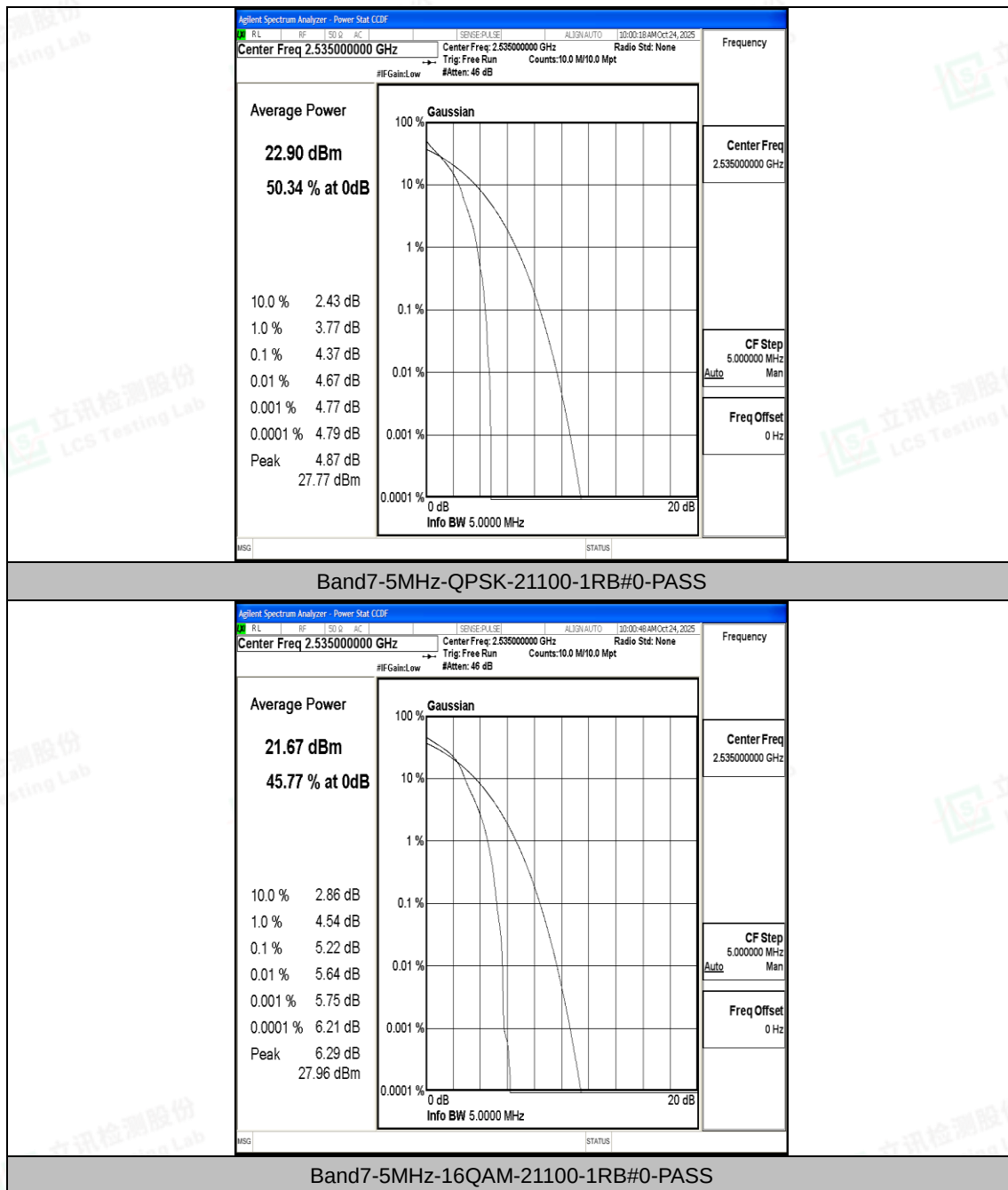


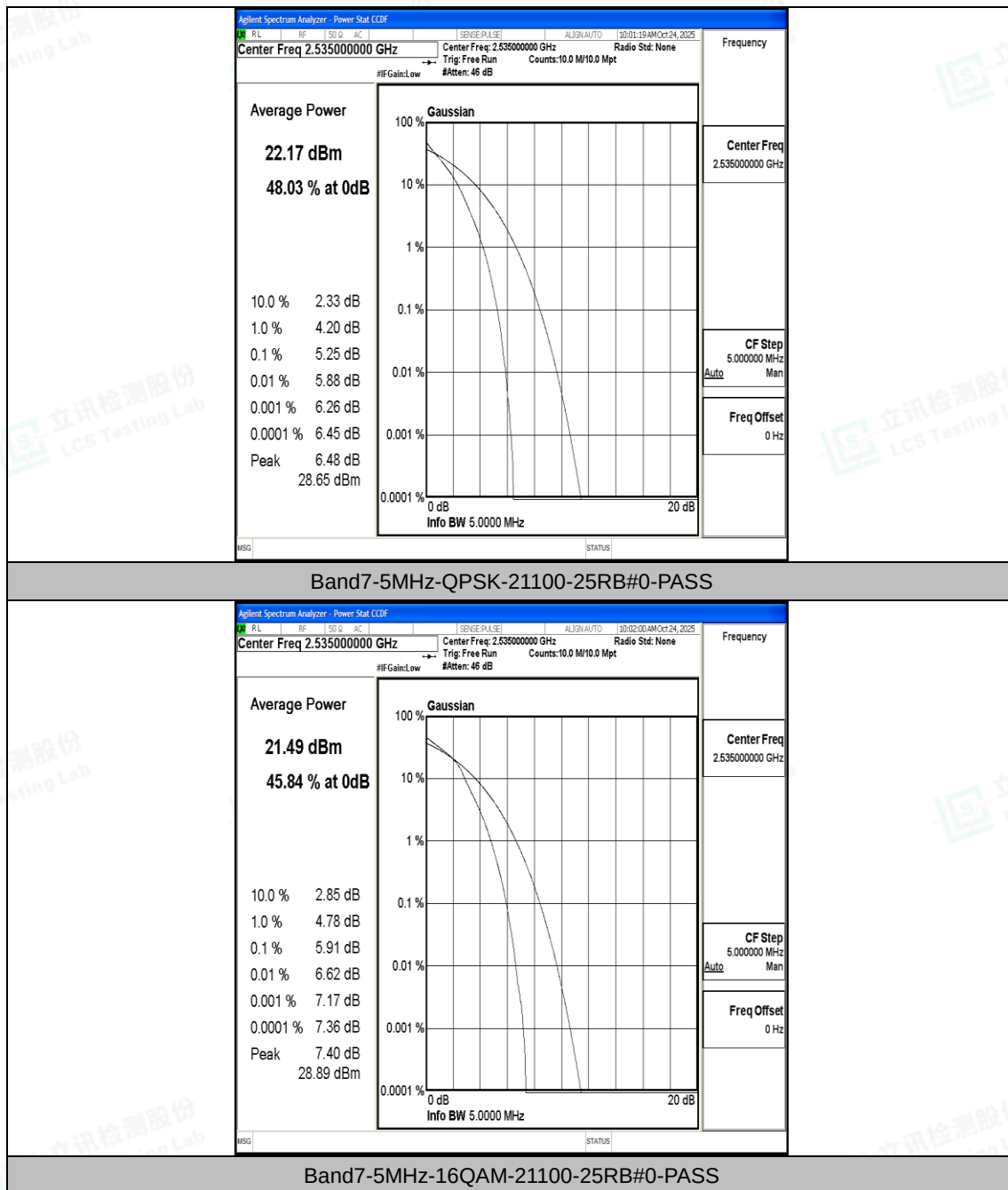


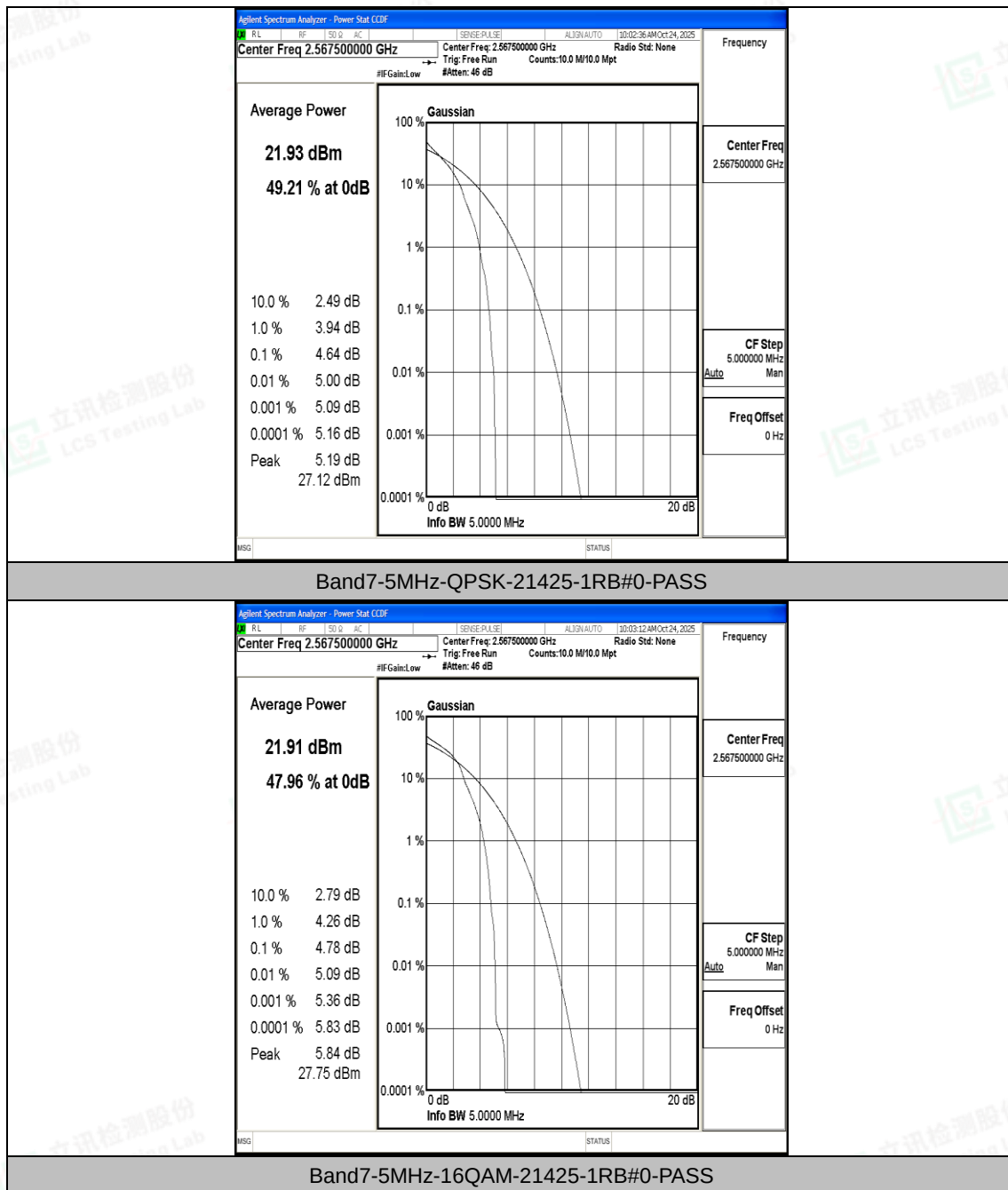
Test Graphs

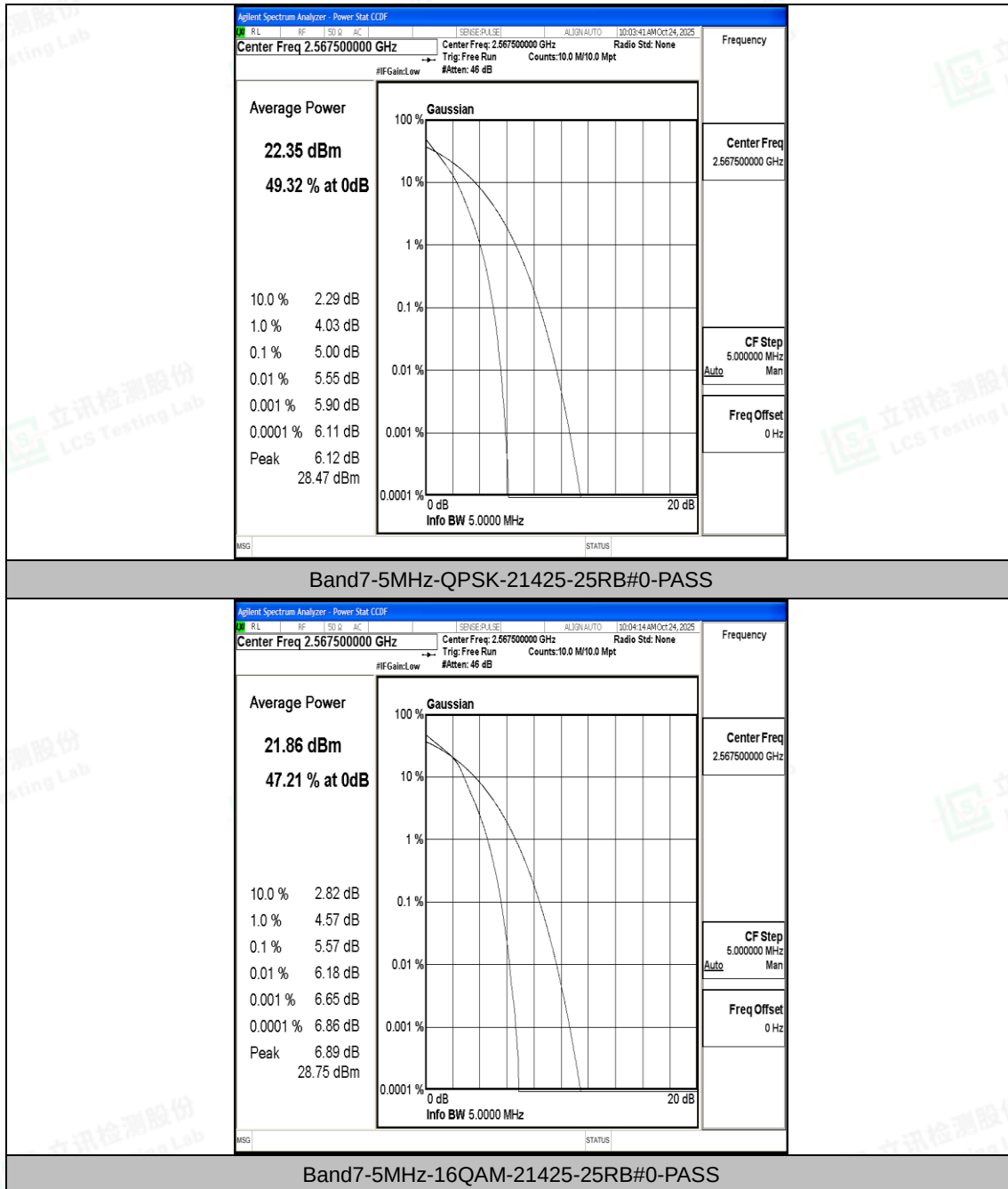


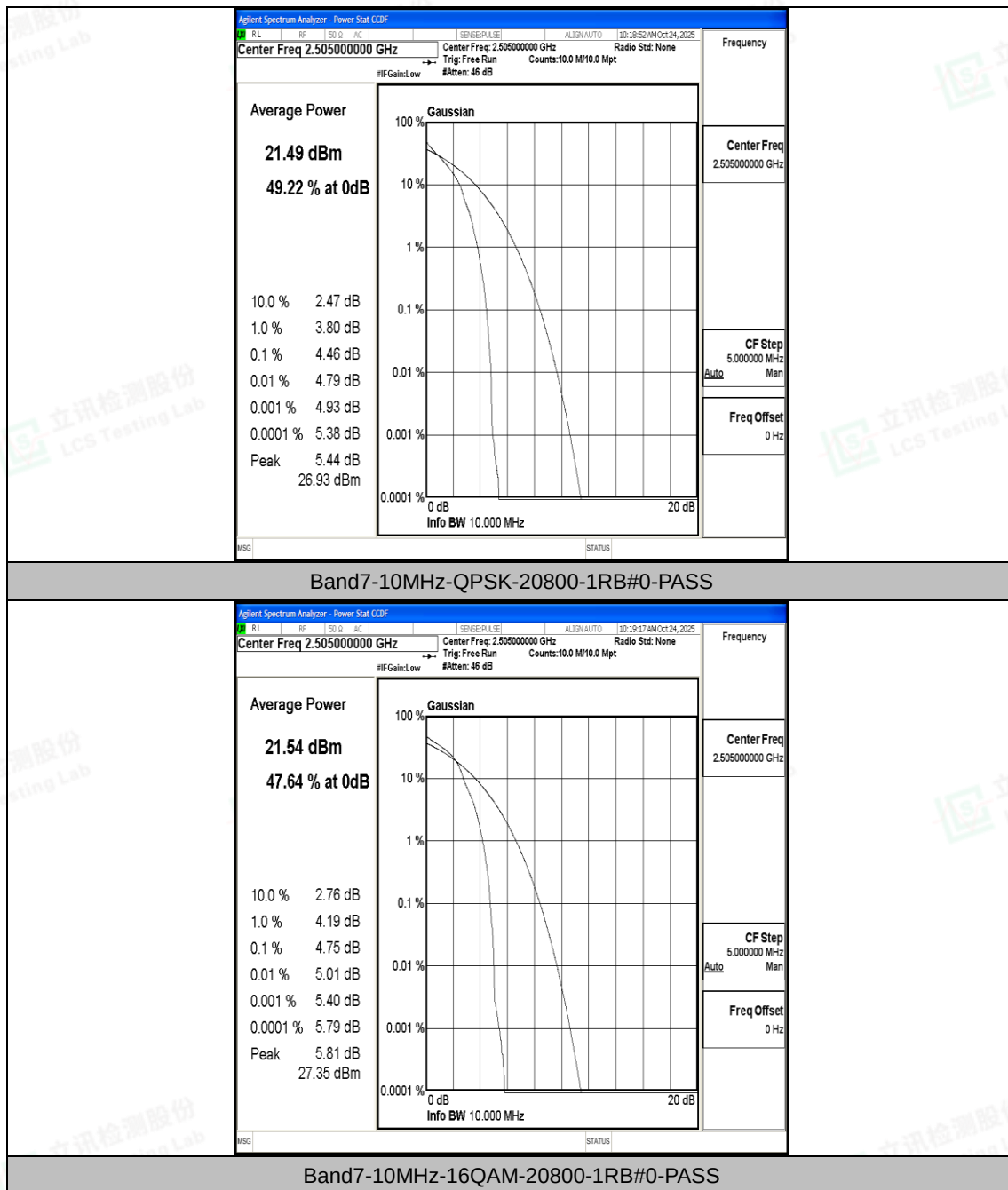


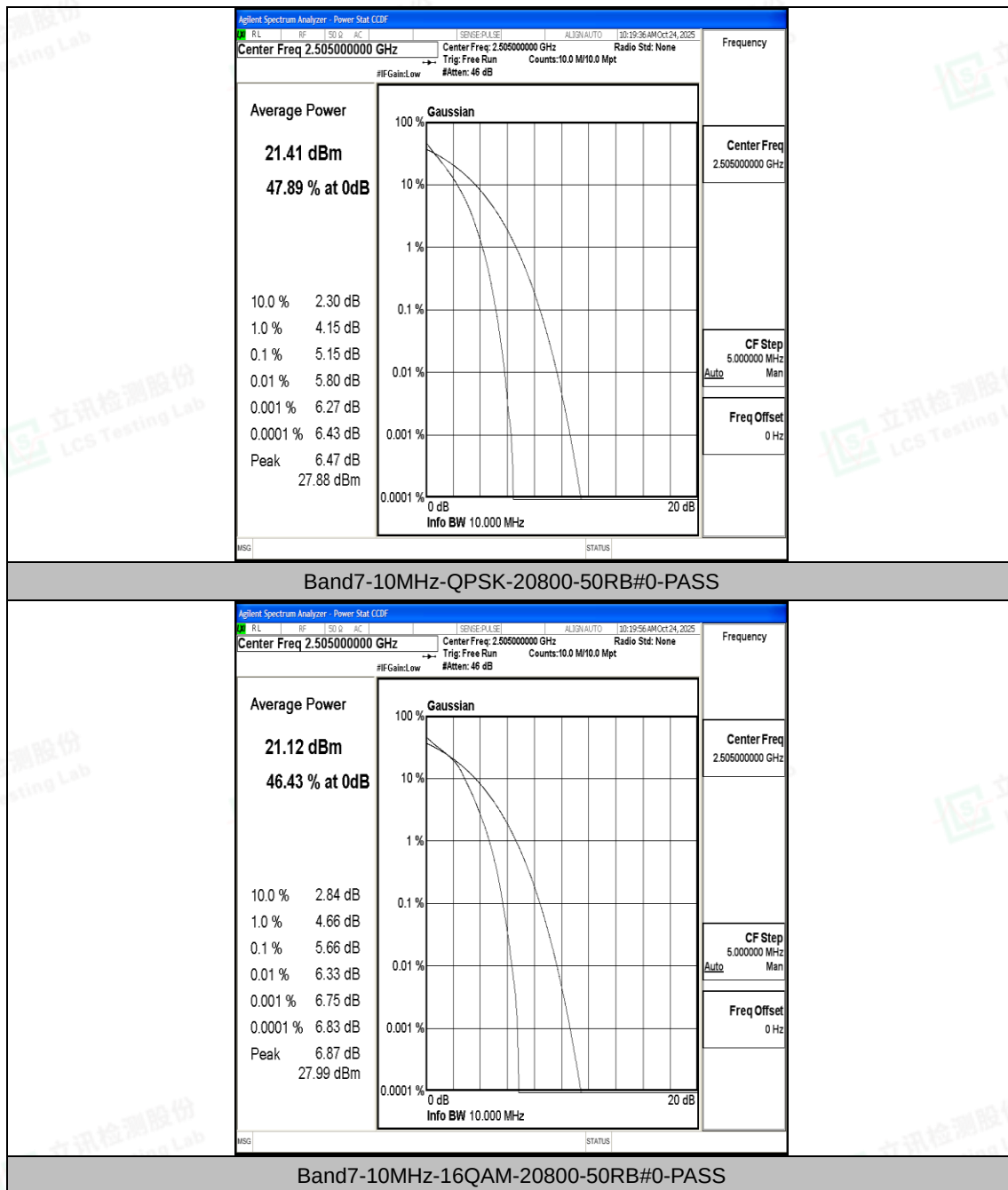


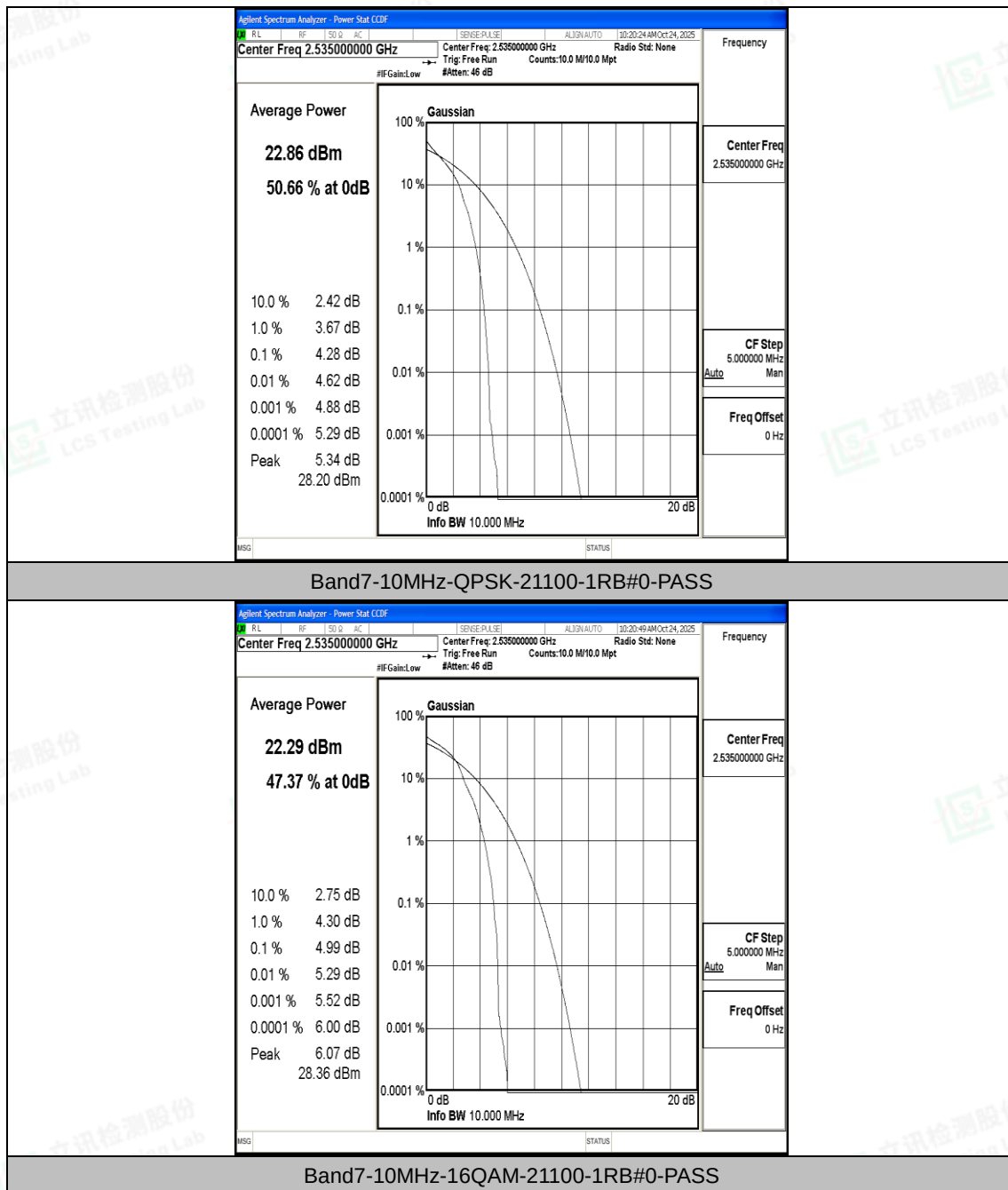


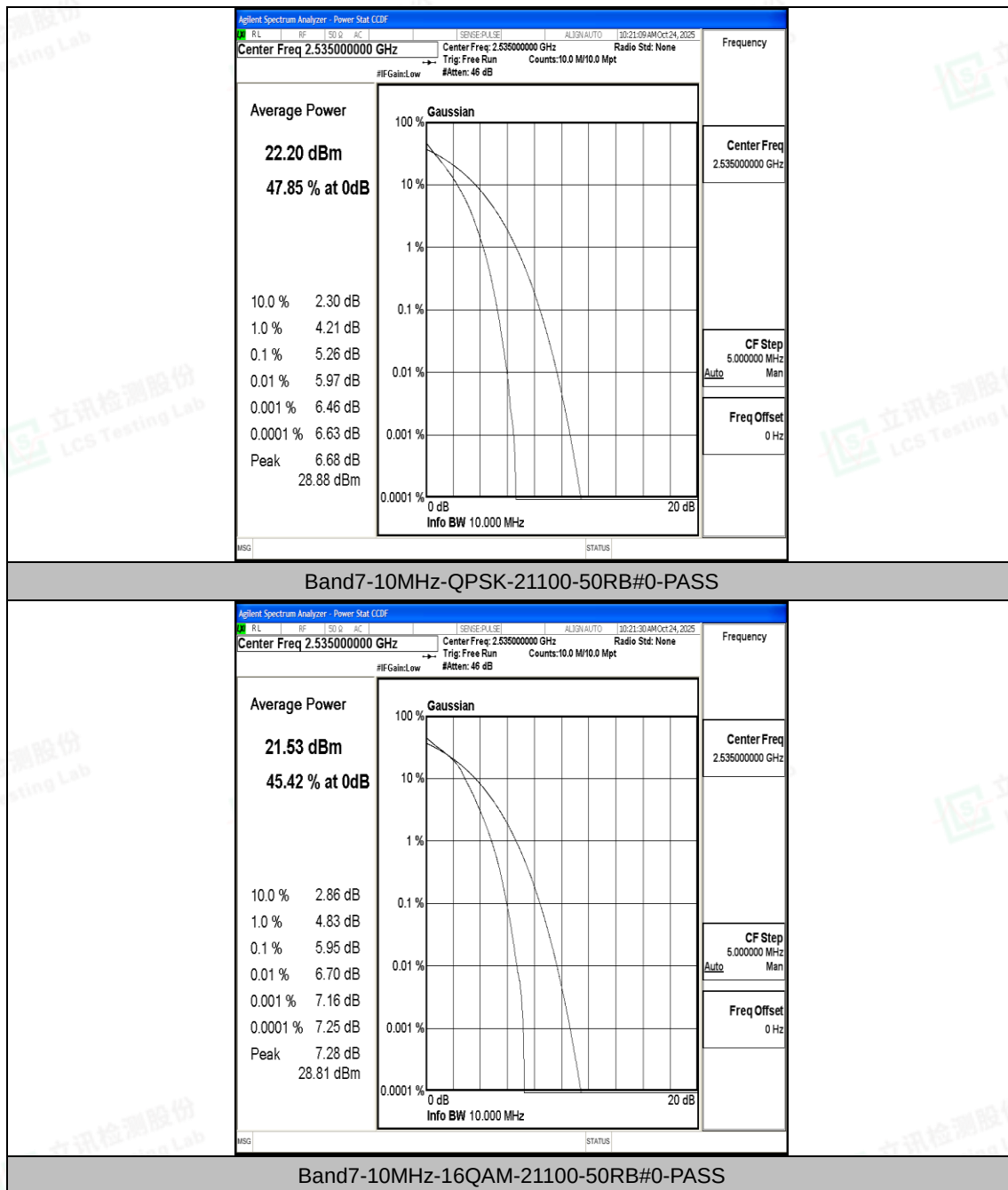


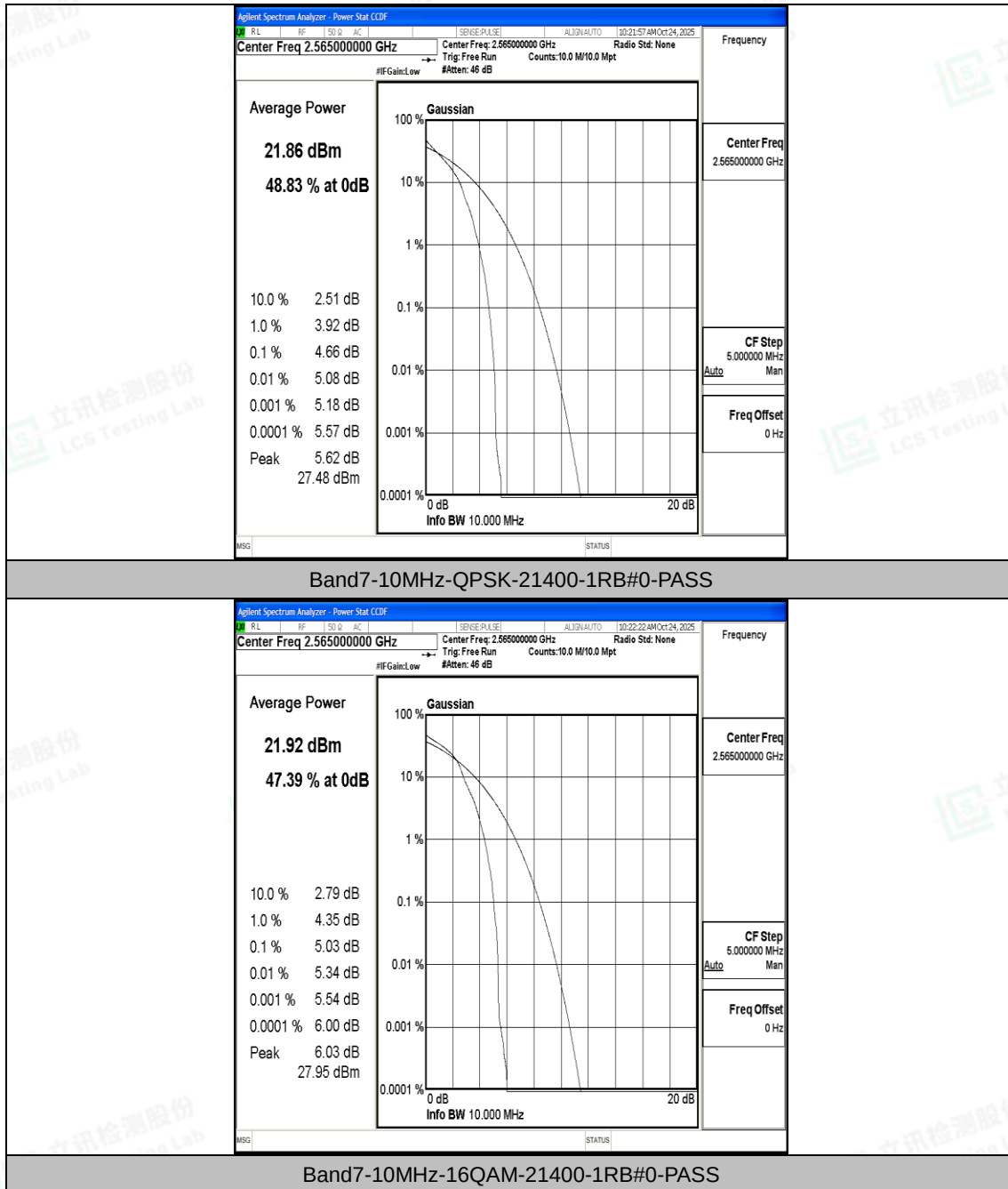


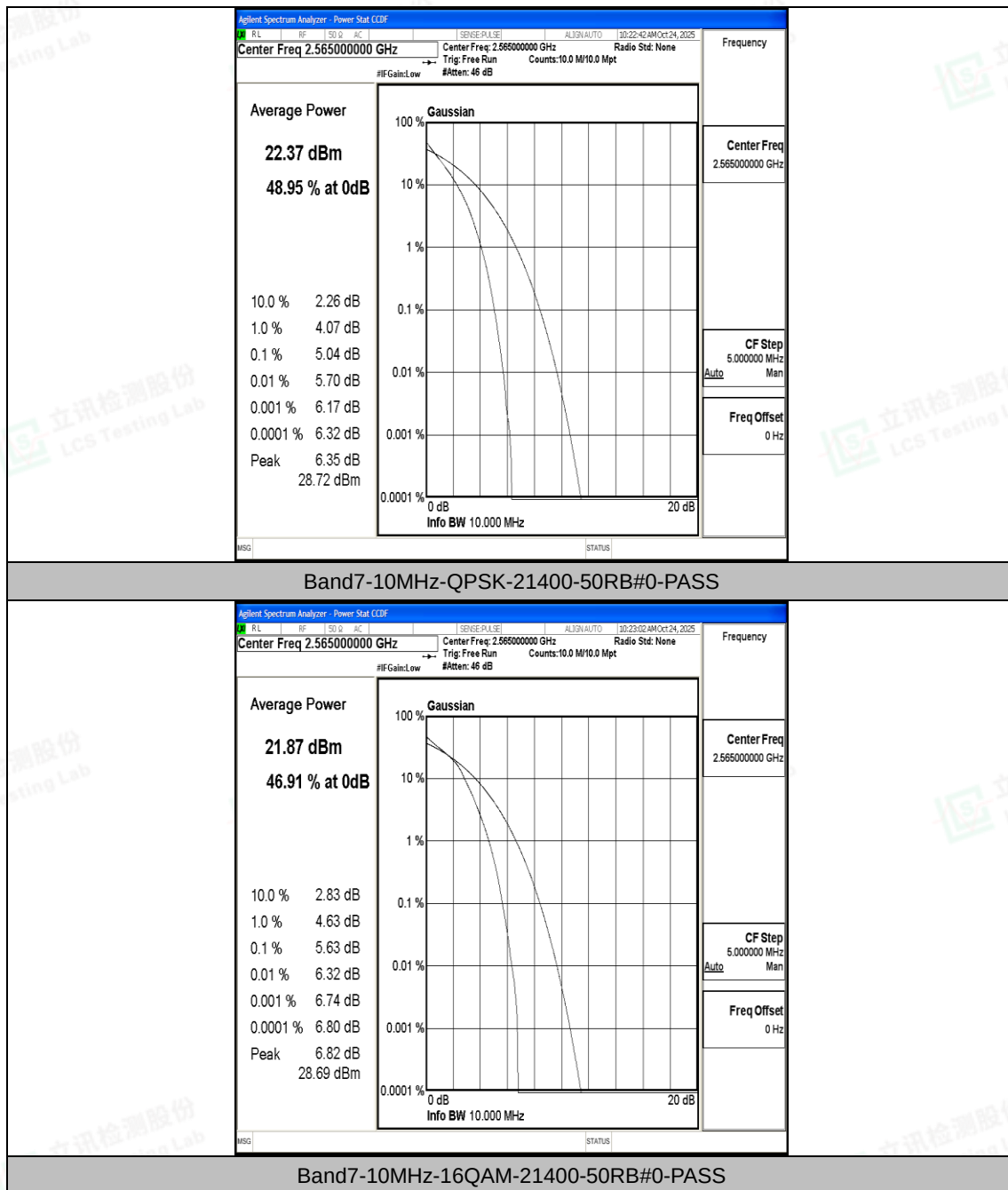


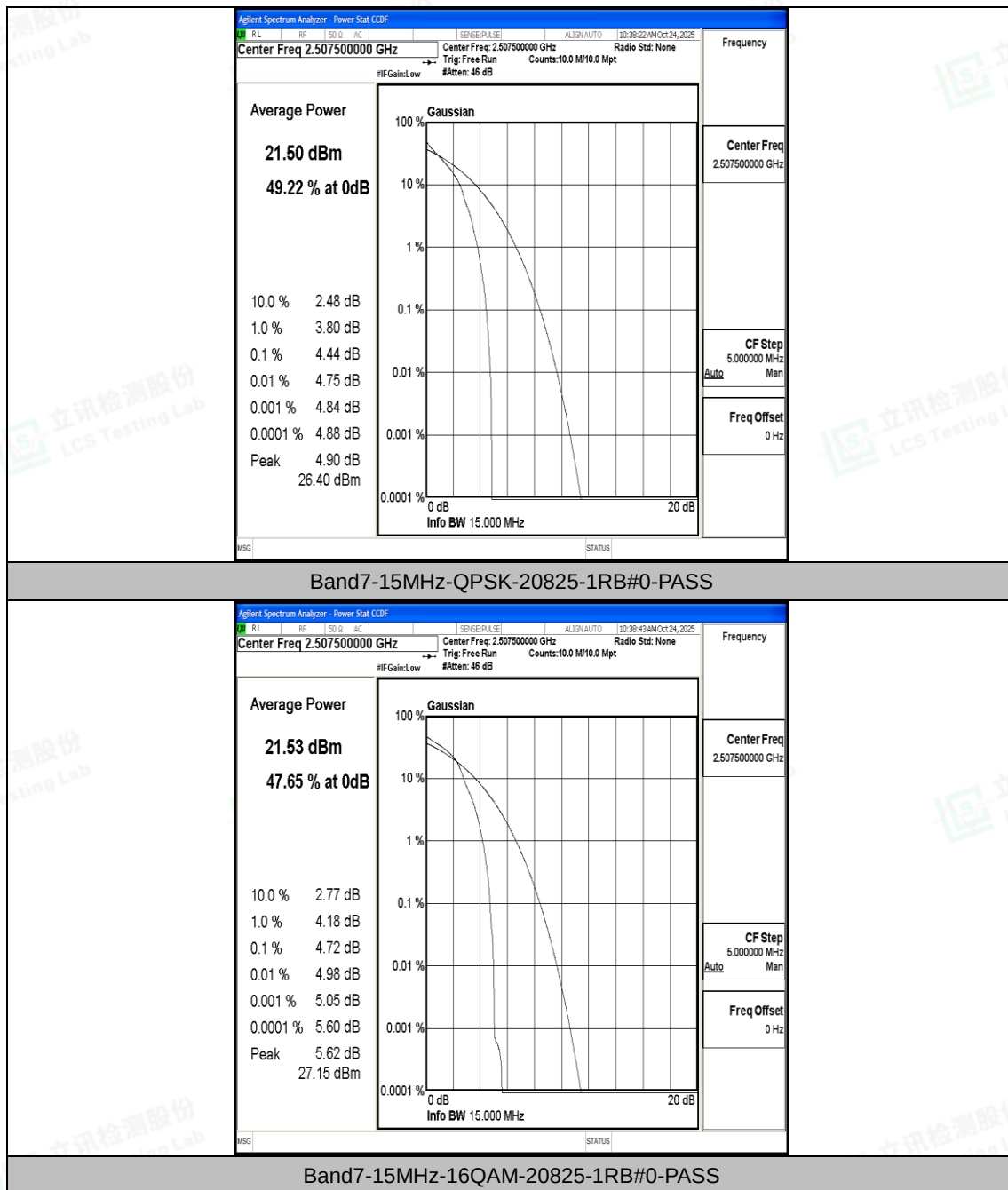


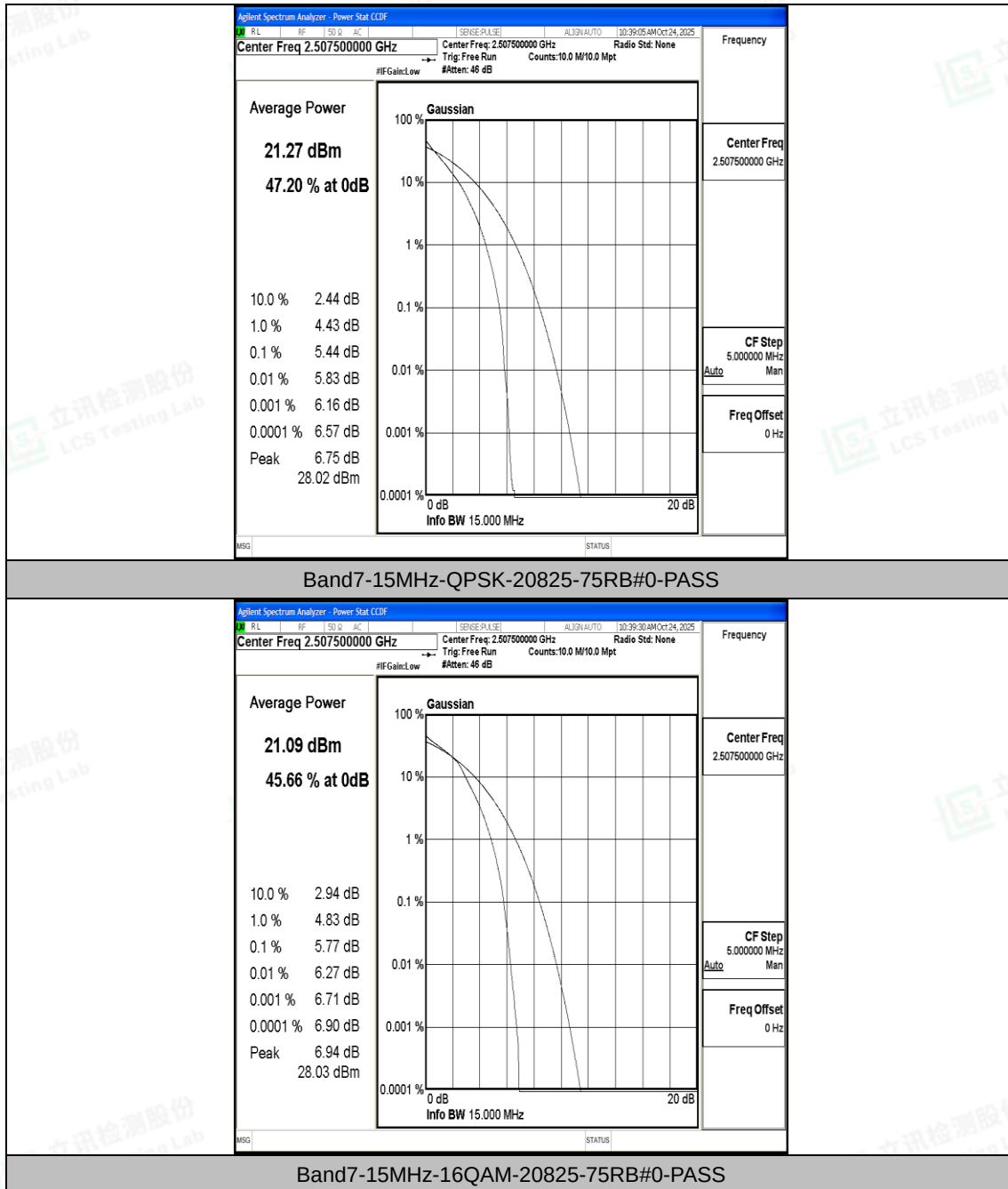


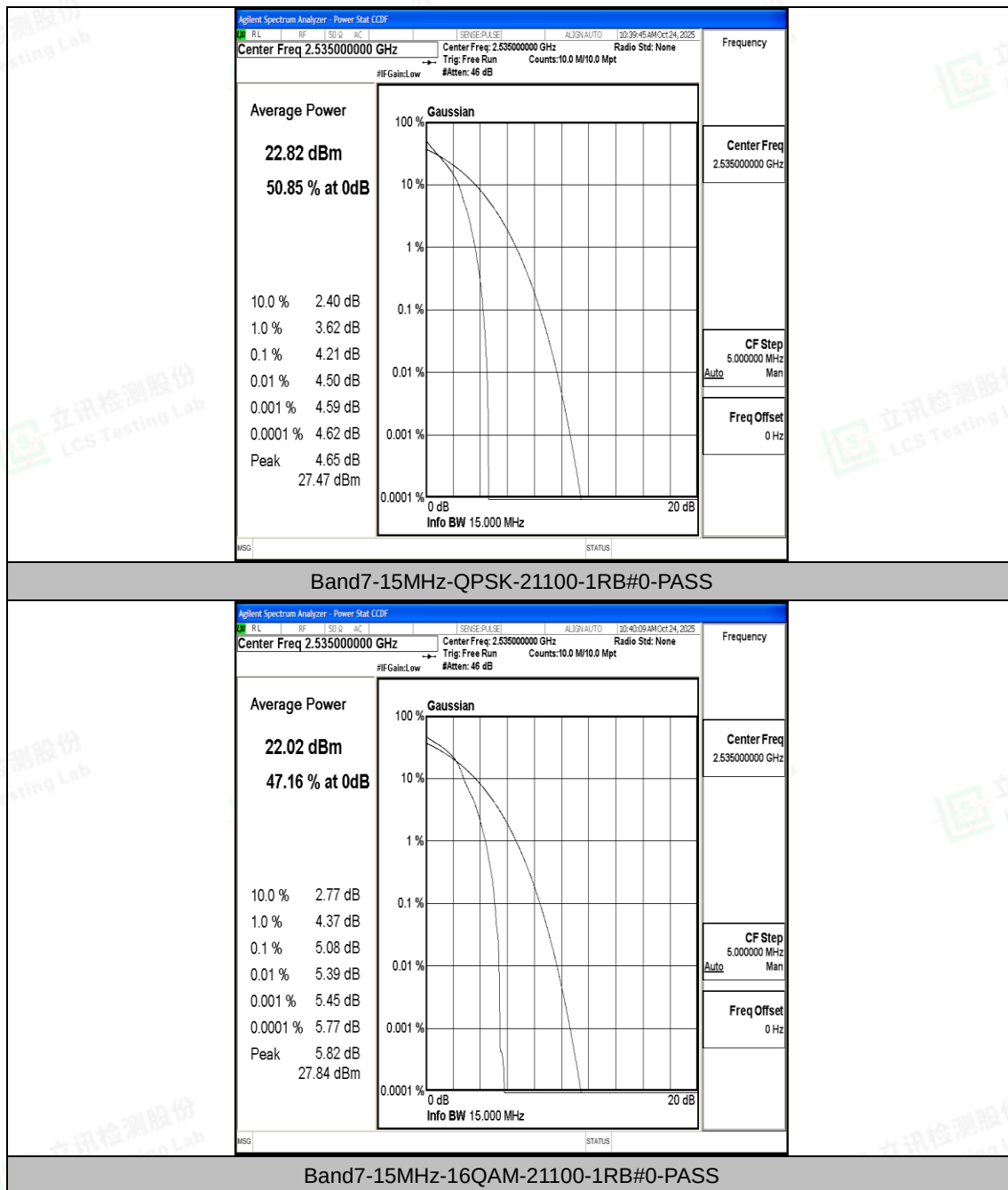


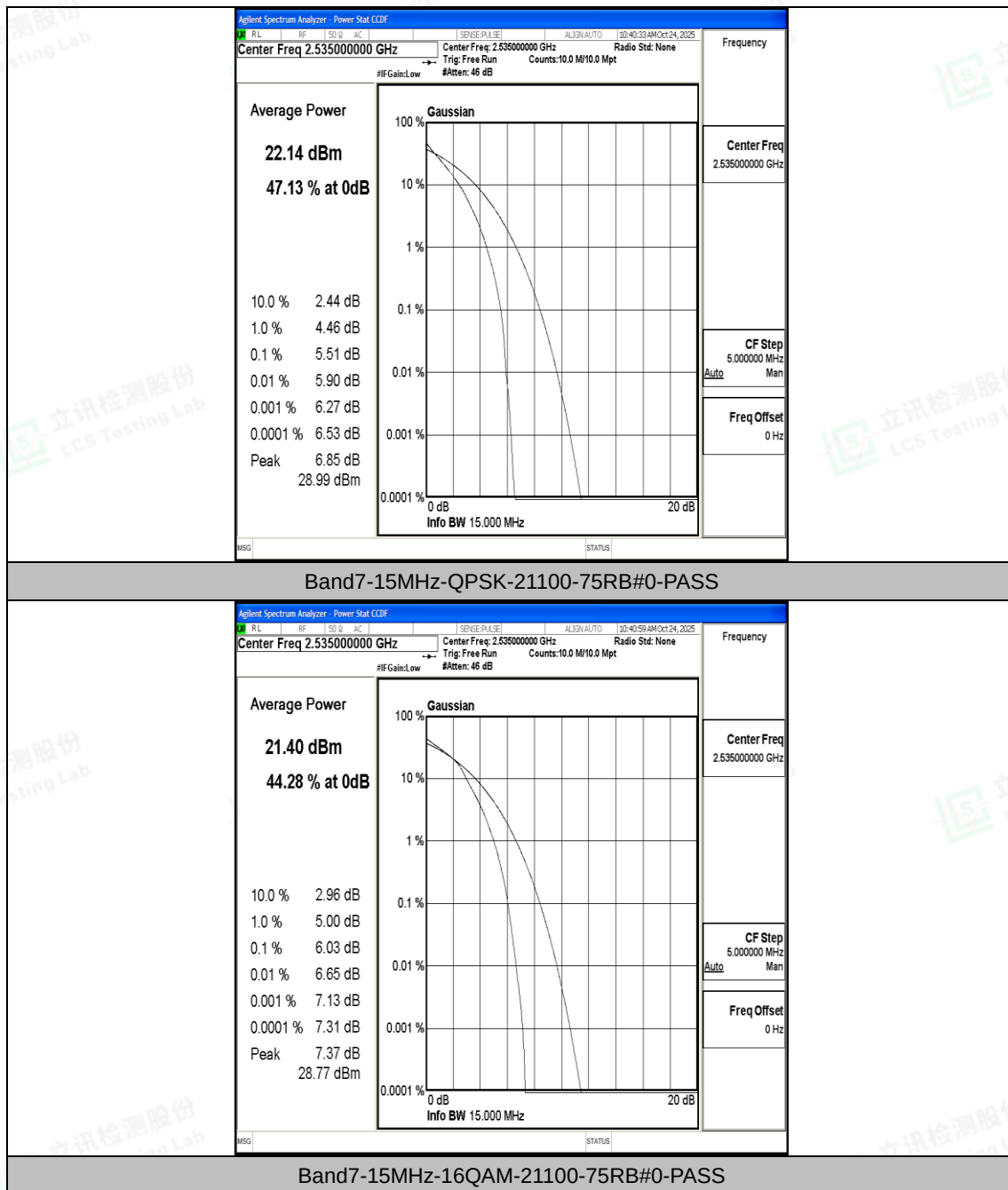


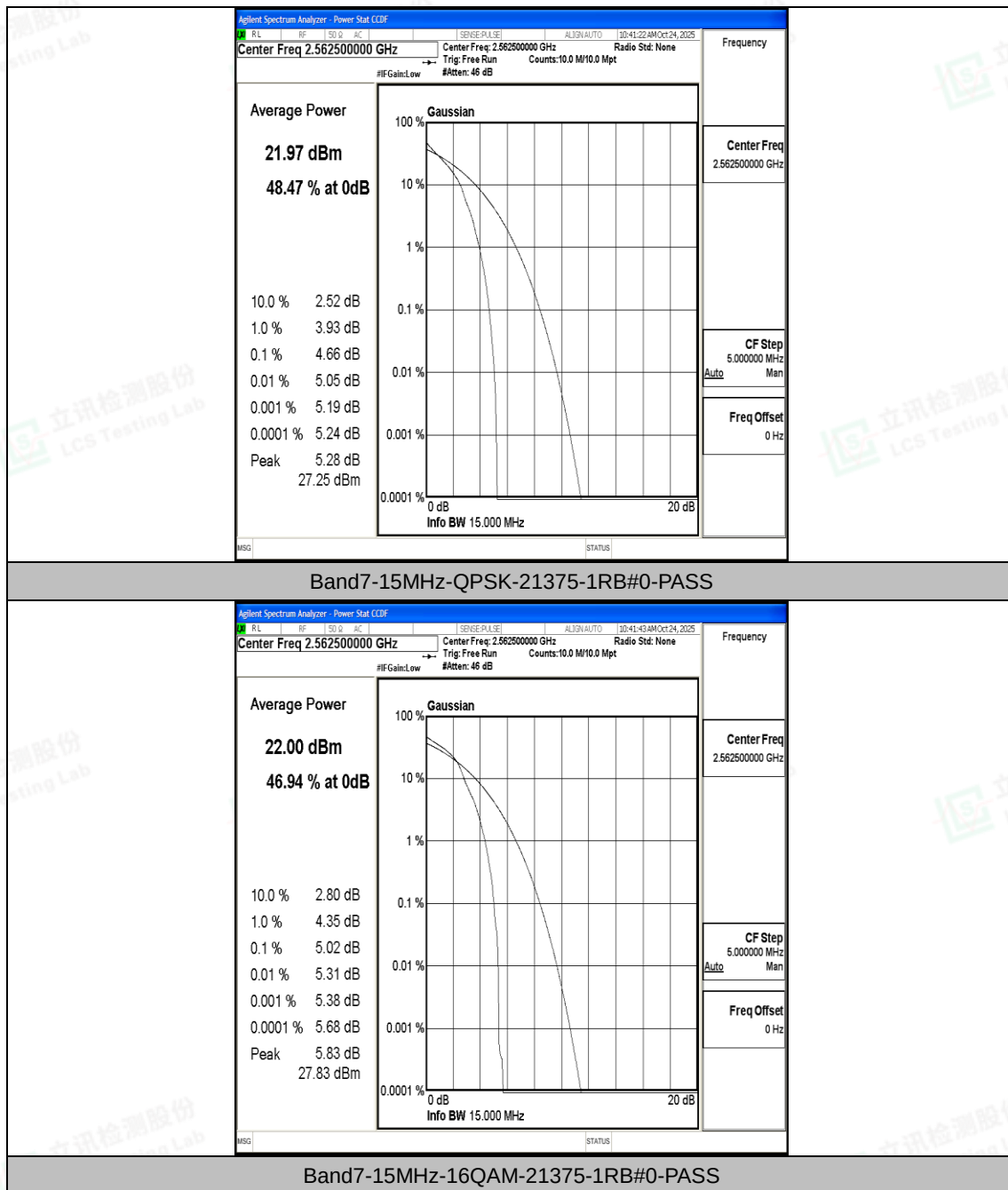


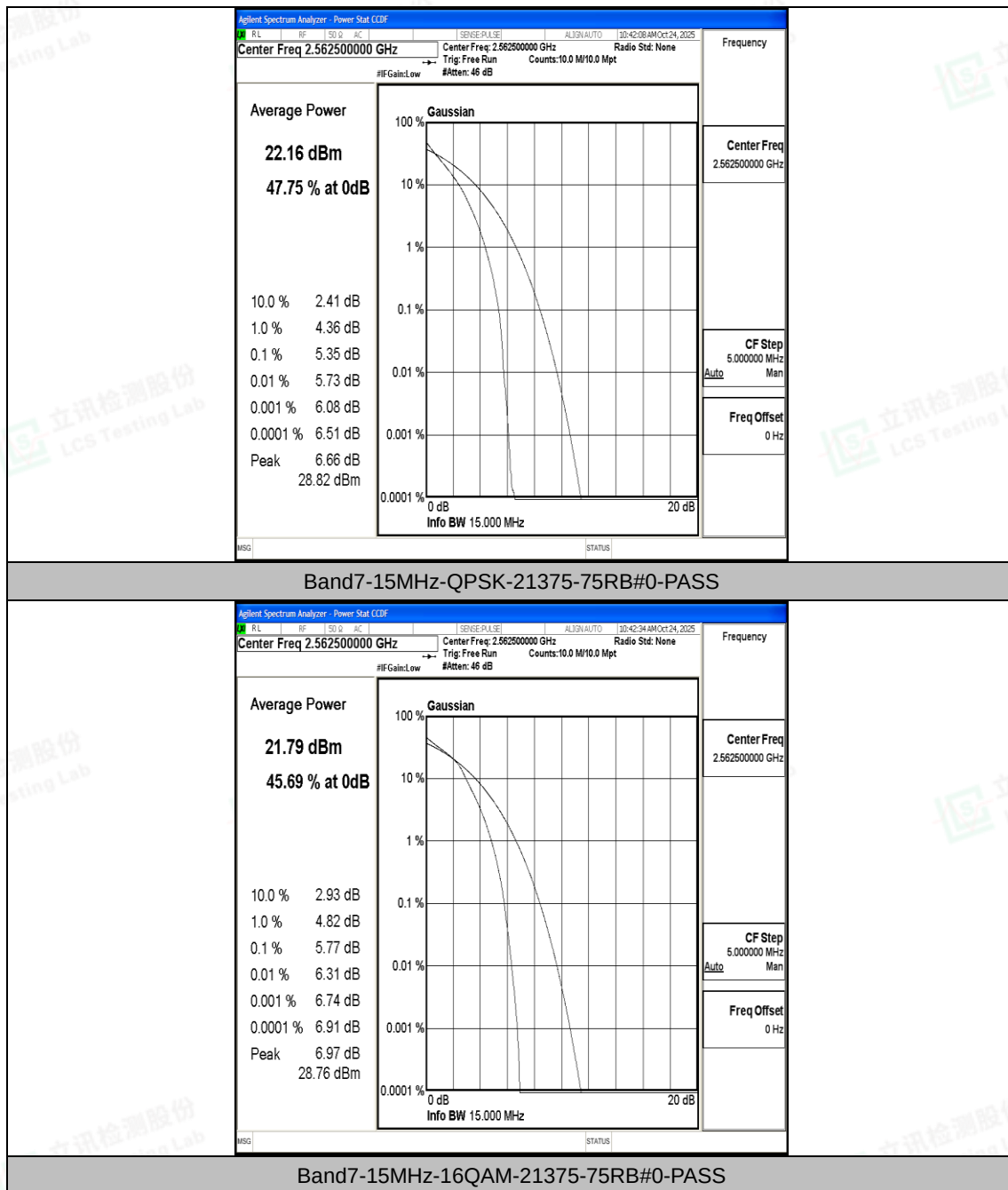


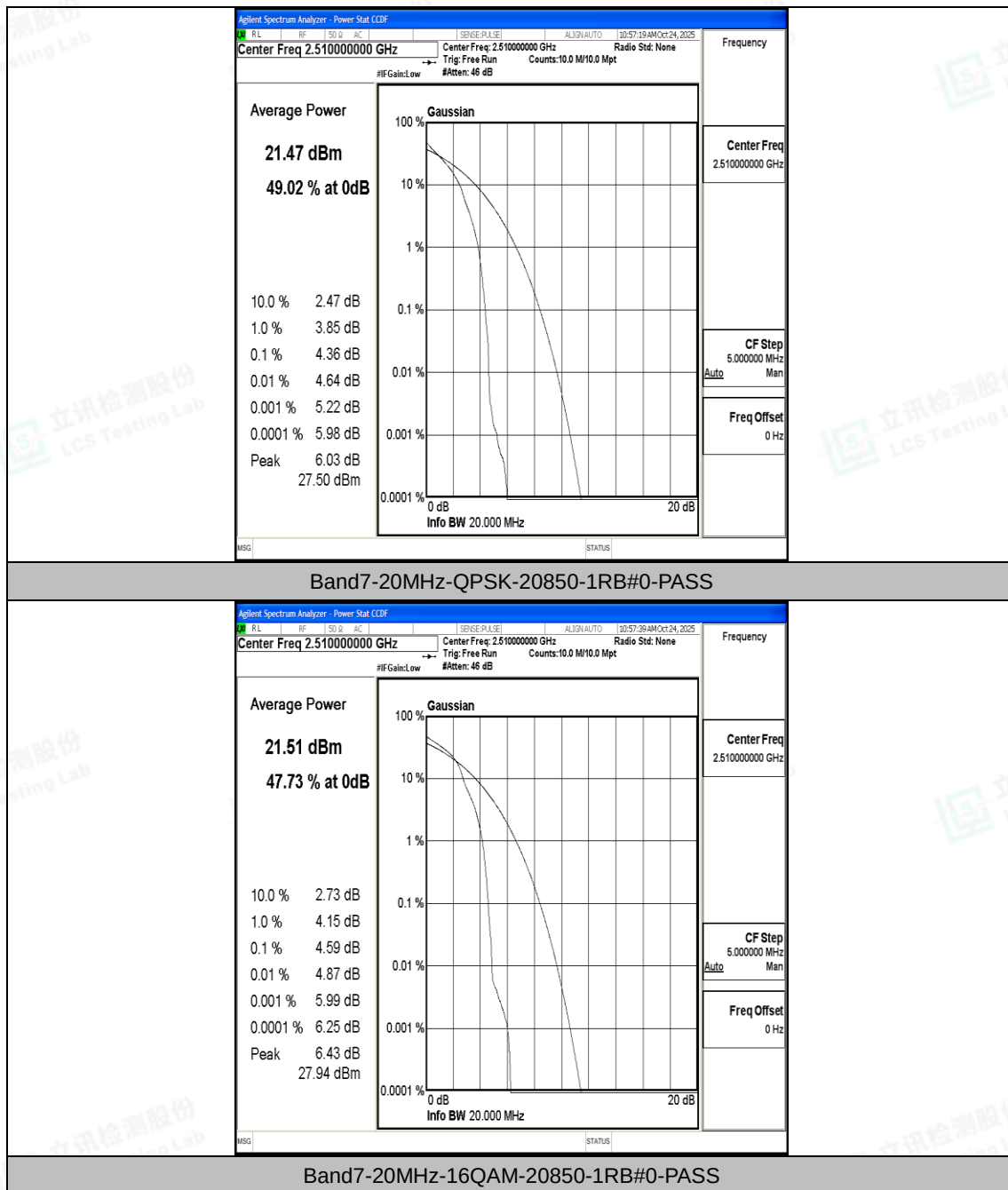


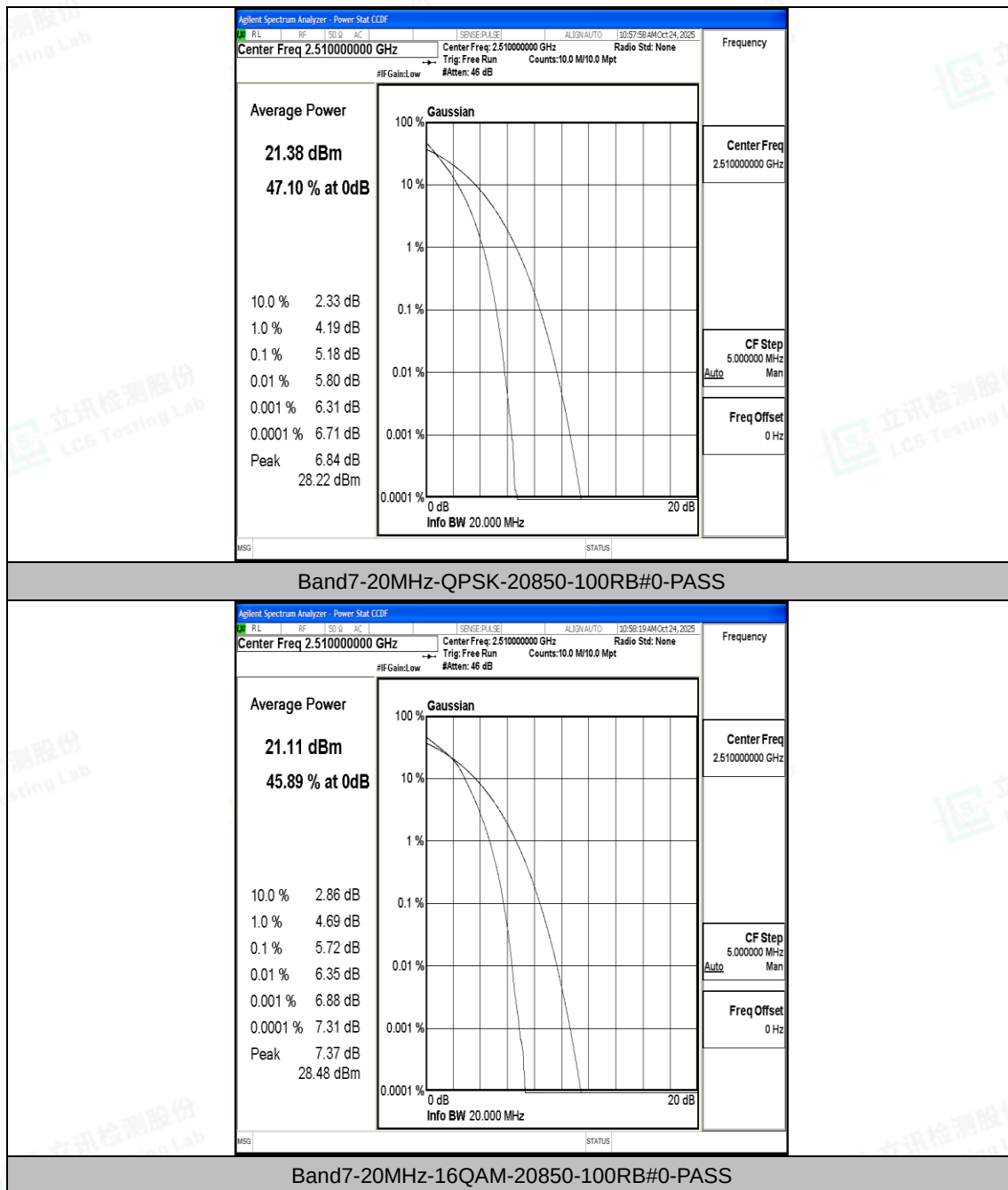


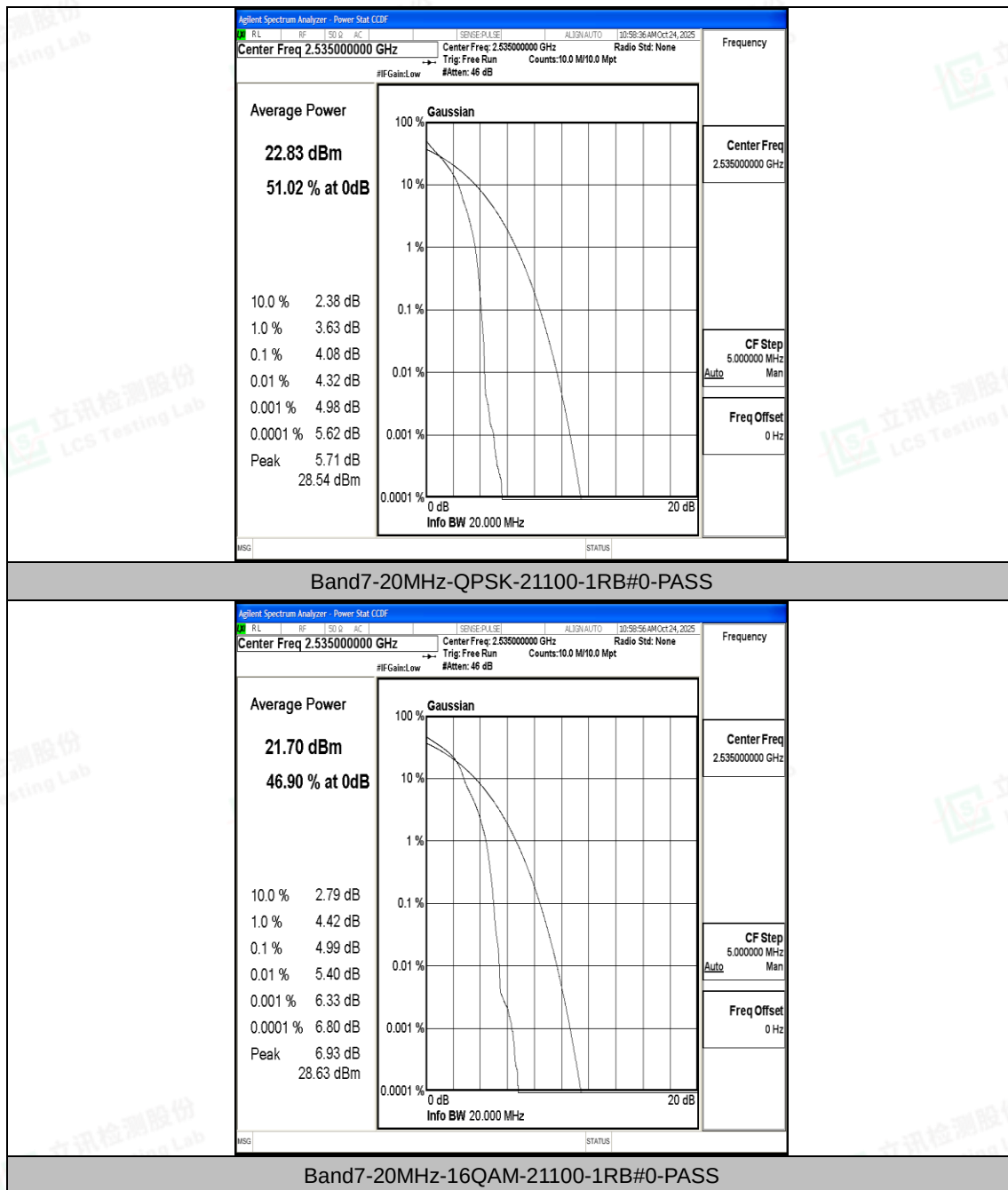


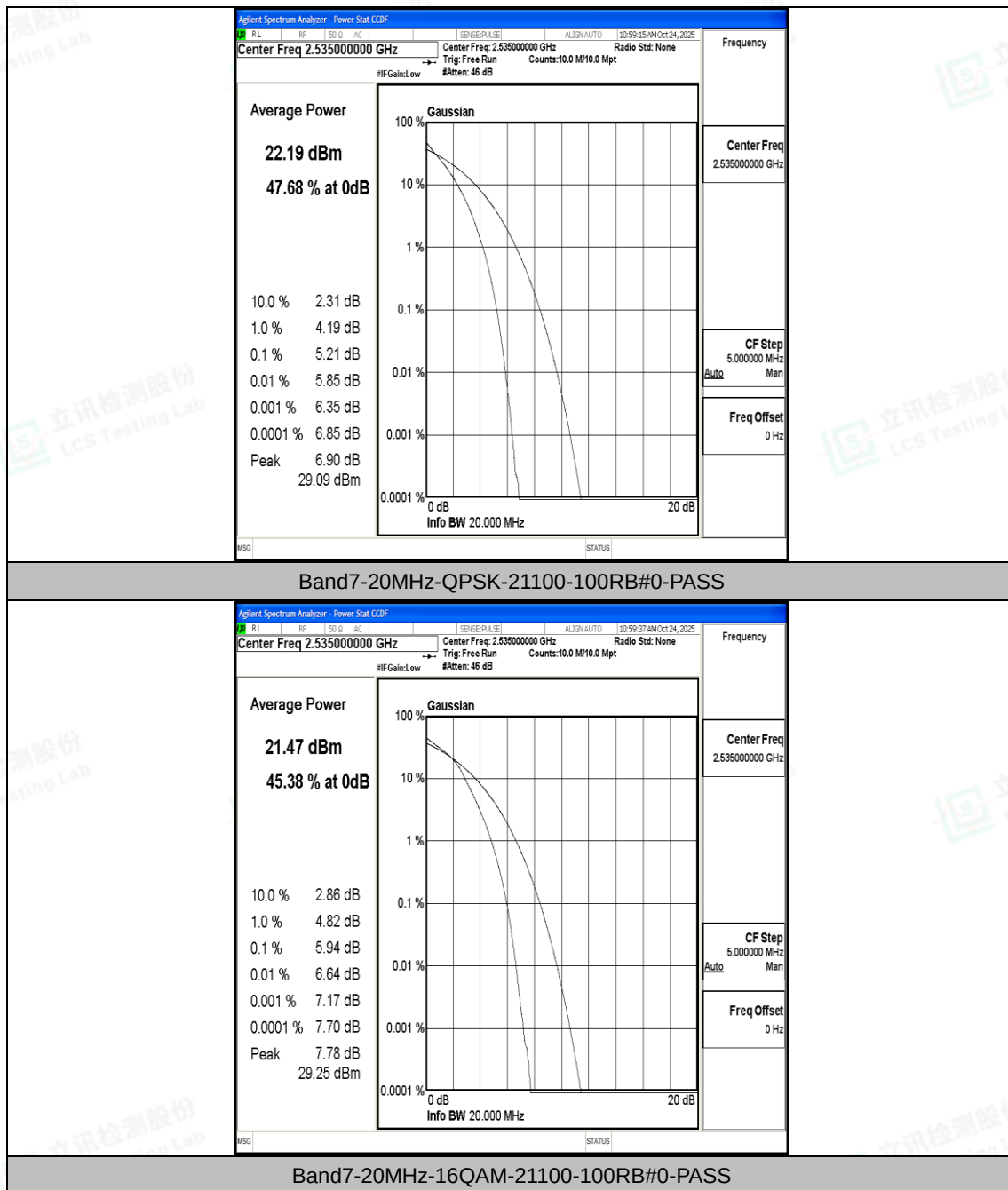


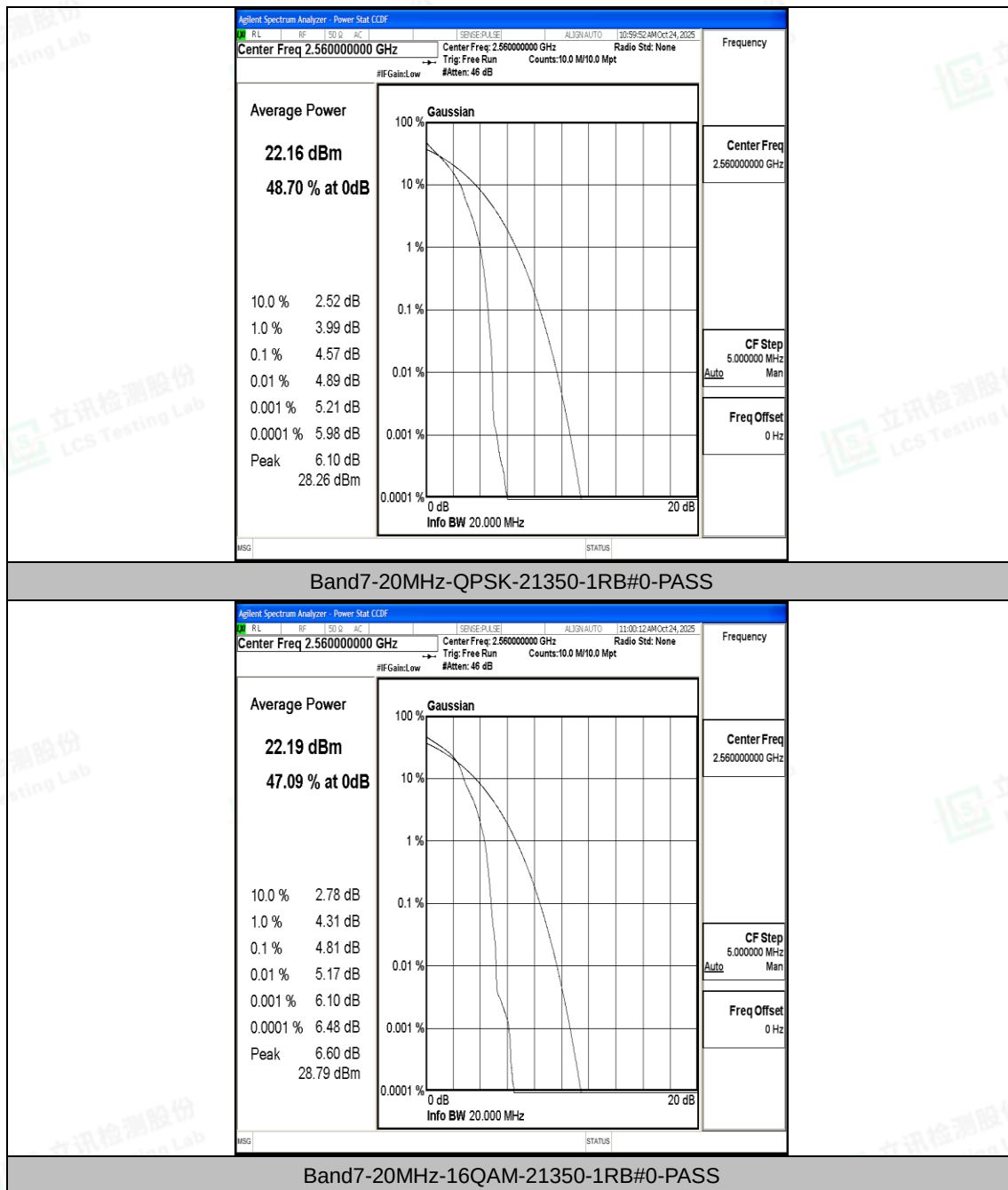


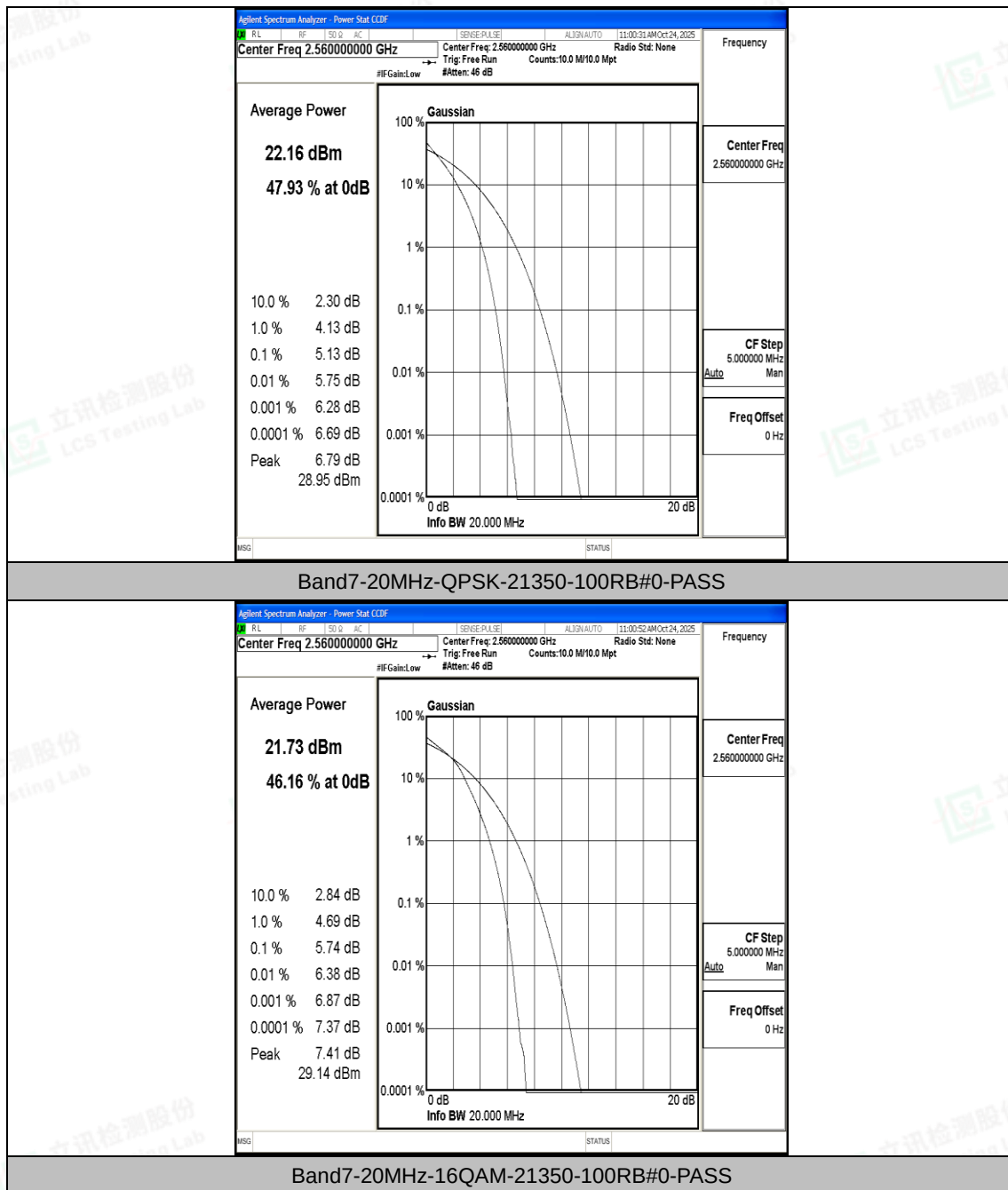














I.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5258	5.382	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5170	5.234	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5310	5.346	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5187	5.255	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5178	5.439	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5350	5.388	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0083	10.25	PASS
Band7	10MHz	16QAM	20800	50RB#0	9.0201	10.22	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9902	10.22	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.0129	10.24	PASS
Band7	10MHz	QPSK	21400	50RB#0	9.0137	10.29	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0113	10.70	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.534	15.49	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.550	14.95	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.501	15.37	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.493	15.12	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.516	15.81	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.518	14.99	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.044	19.90	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.096	19.94	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.006	20.10	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.005	19.79	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.029	20.06	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.003	20.30	PASS





Test Graphs

