



Appendix E: Test Data for E-UTRA Band 7

Product Name: Mobile Phone

Test Model: FLIP 4G

Environmental Conditions

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





E.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	21.08	PASS
Band7	5MHz	16QAM	20775	1RB#0	20.96	PASS
Band7	5MHz	64QAM	20775	1RB#0	20.91	PASS
Band7	5MHz	QPSK	20775	1RB#12	20.88	PASS
Band7	5MHz	16QAM	20775	1RB#12	20.86	PASS
Band7	5MHz	64QAM	20775	1RB#12	20.84	PASS
Band7	5MHz	QPSK	20775	1RB#24	20.83	PASS
Band7	5MHz	16QAM	20775	1RB#24	20.81	PASS
Band7	5MHz	64QAM	20775	1RB#24	20.8	PASS
Band7	5MHz	QPSK	20775	12RB#0	20.79	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.78	PASS
Band7	5MHz	64QAM	20775	12RB#0	20.77	PASS
Band7	5MHz	QPSK	20775	12RB#6	20.77	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.76	PASS
Band7	5MHz	64QAM	20775	12RB#6	20.75	PASS
Band7	5MHz	QPSK	20775	12RB#13	20.74	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.74	PASS
Band7	5MHz	64QAM	20775	12RB#13	20.74	PASS
Band7	5MHz	QPSK	20775	25RB#0	20.73	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.72	PASS
Band7	5MHz	64QAM	20775	25RB#0	20.72	PASS
Band7	5MHz	QPSK	21100	1RB#0	20.46	PASS
Band7	5MHz	16QAM	21100	1RB#0	20.06	PASS
Band7	5MHz	64QAM	21100	1RB#0	20.54	PASS
Band7	5MHz	QPSK	21100	1RB#12	20.59	PASS
Band7	5MHz	16QAM	21100	1RB#12	19.62	PASS
Band7	5MHz	64QAM	21100	1RB#12	20.73	PASS
Band7	5MHz	QPSK	21100	1RB#24	20.78	PASS
Band7	5MHz	16QAM	21100	1RB#24	19.69	PASS
Band7	5MHz	64QAM	21100	1RB#24	20.78	PASS
Band7	5MHz	QPSK	21100	12RB#0	20.03	PASS
Band7	5MHz	16QAM	21100	12RB#0	19	PASS
Band7	5MHz	64QAM	21100	12RB#0	19.93	PASS
Band7	5MHz	QPSK	21100	12RB#6	19.5	PASS



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Scan code to check authenticity



Band7	5MHz	16QAM	21100	12RB#6	19	PASS
Band7	5MHz	64QAM	21100	12RB#6	19.8	PASS
Band7	5MHz	QPSK	21100	12RB#13	19.92	PASS
Band7	5MHz	16QAM	21100	12RB#13	19.13	PASS
Band7	5MHz	64QAM	21100	12RB#13	19.94	PASS
Band7	5MHz	QPSK	21100	25RB#0	19.69	PASS
Band7	5MHz	16QAM	21100	25RB#0	18.83	PASS
Band7	5MHz	64QAM	21100	25RB#0	19.89	PASS
Band7	5MHz	QPSK	21425	1RB#0	21.16	PASS
Band7	5MHz	16QAM	21425	1RB#0	20.46	PASS
Band7	5MHz	64QAM	21425	1RB#0	20.92	PASS
Band7	5MHz	QPSK	21425	1RB#12	21.45	PASS
Band7	5MHz	16QAM	21425	1RB#12	20.23	PASS
Band7	5MHz	64QAM	21425	1RB#12	21.46	PASS
Band7	5MHz	QPSK	21425	1RB#24	21.05	PASS
Band7	5MHz	16QAM	21425	1RB#24	20.23	PASS
Band7	5MHz	64QAM	21425	1RB#24	21.09	PASS
Band7	5MHz	QPSK	21425	12RB#0	20.84	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.05	PASS
Band7	5MHz	64QAM	21425	12RB#0	20.75	PASS
Band7	5MHz	QPSK	21425	12RB#6	20.81	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.06	PASS
Band7	5MHz	64QAM	21425	12RB#6	20.74	PASS
Band7	5MHz	QPSK	21425	12RB#13	20.86	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.11	PASS
Band7	5MHz	64QAM	21425	12RB#13	20.78	PASS
Band7	5MHz	QPSK	21425	25RB#0	20.82	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.15	PASS
Band7	5MHz	64QAM	21425	25RB#0	20.82	PASS
Band7	10MHz	QPSK	20800	1RB#0	20.58	PASS
Band7	10MHz	16QAM	20800	1RB#0	20.52	PASS
Band7	10MHz	64QAM	20800	1RB#0	20.49	PASS
Band7	10MHz	QPSK	20800	1RB#24	20.32	PASS
Band7	10MHz	16QAM	20800	1RB#24	20.32	PASS
Band7	10MHz	64QAM	20800	1RB#24	20.29	PASS
Band7	10MHz	QPSK	20800	1RB#49	20.22	PASS
Band7	10MHz	16QAM	20800	1RB#49	20.2	PASS
Band7	10MHz	64QAM	20800	1RB#49	20.17	PASS
Band7	10MHz	QPSK	20800	25RB#0	20.42	PASS
Band7	10MHz	16QAM	20800	25RB#0	19.95	PASS
Band7	10MHz	64QAM	20800	25RB#0	20.47	PASS



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Band7	10MHz	QPSK	20800	25RB#12	20.45	PASS
Band7	10MHz	16QAM	20800	25RB#12	19.93	PASS
Band7	10MHz	64QAM	20800	25RB#12	20.47	PASS
Band7	10MHz	QPSK	20800	25RB#25	20.32	PASS
Band7	10MHz	16QAM	20800	25RB#25	19.89	PASS
Band7	10MHz	64QAM	20800	25RB#25	20.3	PASS
Band7	10MHz	QPSK	20800	50RB#0	20.35	PASS
Band7	10MHz	16QAM	20800	50RB#0	19.99	PASS
Band7	10MHz	64QAM	20800	50RB#0	20.37	PASS
Band7	10MHz	QPSK	21100	1RB#0	21.49	PASS
Band7	10MHz	16QAM	21100	1RB#0	20.58	PASS
Band7	10MHz	64QAM	21100	1RB#0	21.51	PASS
Band7	10MHz	QPSK	21100	1RB#24	21.54	PASS
Band7	10MHz	16QAM	21100	1RB#24	20.69	PASS
Band7	10MHz	64QAM	21100	1RB#24	21.57	PASS
Band7	10MHz	QPSK	21100	1RB#49	21.58	PASS
Band7	10MHz	16QAM	21100	1RB#49	20.71	PASS
Band7	10MHz	64QAM	21100	1RB#49	21.59	PASS
Band7	10MHz	QPSK	21100	25RB#0	20.71	PASS
Band7	10MHz	16QAM	21100	25RB#0	19.95	PASS
Band7	10MHz	64QAM	21100	25RB#0	20.4	PASS
Band7	10MHz	QPSK	21100	25RB#12	20.52	PASS
Band7	10MHz	16QAM	21100	25RB#12	19.97	PASS
Band7	10MHz	64QAM	21100	25RB#12	20.88	PASS
Band7	10MHz	QPSK	21100	25RB#25	20.5	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.12	PASS
Band7	10MHz	64QAM	21100	25RB#25	20.6	PASS
Band7	10MHz	QPSK	21100	50RB#0	20.58	PASS
Band7	10MHz	16QAM	21100	50RB#0	19.88	PASS
Band7	10MHz	64QAM	21100	50RB#0	20.57	PASS
Band7	10MHz	QPSK	21400	1RB#0	20.63	PASS
Band7	10MHz	16QAM	21400	1RB#0	20.43	PASS
Band7	10MHz	64QAM	21400	1RB#0	20.39	PASS
Band7	10MHz	QPSK	21400	1RB#24	20.96	PASS
Band7	10MHz	16QAM	21400	1RB#24	20.96	PASS
Band7	10MHz	64QAM	21400	1RB#24	20.95	PASS
Band7	10MHz	QPSK	21400	1RB#49	21.27	PASS
Band7	10MHz	16QAM	21400	1RB#49	20.94	PASS
Band7	10MHz	64QAM	21400	1RB#49	21.32	PASS
Band7	10MHz	QPSK	21400	25RB#0	20.86	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.06	PASS



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Band7	10MHz	64QAM	21400	25RB#0	20.84	PASS
Band7	10MHz	QPSK	21400	25RB#12	20.82	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.05	PASS
Band7	10MHz	64QAM	21400	25RB#12	20.83	PASS
Band7	10MHz	QPSK	21400	25RB#25	20.87	PASS
Band7	10MHz	16QAM	21400	25RB#25	19.99	PASS
Band7	10MHz	64QAM	21400	25RB#25	20.81	PASS
Band7	10MHz	QPSK	21400	50RB#0	20.77	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.03	PASS
Band7	10MHz	64QAM	21400	50RB#0	20.78	PASS
Band7	15MHz	QPSK	20825	1RB#0	20.56	PASS
Band7	15MHz	16QAM	20825	1RB#0	20.5	PASS
Band7	15MHz	64QAM	20825	1RB#0	20.49	PASS
Band7	15MHz	QPSK	20825	1RB#38	20.11	PASS
Band7	15MHz	16QAM	20825	1RB#38	20.11	PASS
Band7	15MHz	64QAM	20825	1RB#38	20.07	PASS
Band7	15MHz	QPSK	20825	1RB#74	20.09	PASS
Band7	15MHz	16QAM	20825	1RB#74	20.1	PASS
Band7	15MHz	64QAM	20825	1RB#74	20.07	PASS
Band7	15MHz	QPSK	20825	38RB#0	20.21	PASS
Band7	15MHz	16QAM	20825	38RB#0	20.21	PASS
Band7	15MHz	64QAM	20825	38RB#0	20.21	PASS
Band7	15MHz	QPSK	20825	38RB#18	20.2	PASS
Band7	15MHz	16QAM	20825	38RB#18	20.19	PASS
Band7	15MHz	64QAM	20825	38RB#18	20.19	PASS
Band7	15MHz	QPSK	20825	38RB#37	20.19	PASS
Band7	15MHz	16QAM	20825	38RB#37	20.19	PASS
Band7	15MHz	64QAM	20825	38RB#37	20.19	PASS
Band7	15MHz	QPSK	20825	75RB#0	20.17	PASS
Band7	15MHz	16QAM	20825	75RB#0	19.89	PASS
Band7	15MHz	64QAM	20825	75RB#0	20.19	PASS
Band7	15MHz	QPSK	21100	1RB#0	20.99	PASS
Band7	15MHz	16QAM	21100	1RB#0	20.72	PASS
Band7	15MHz	64QAM	21100	1RB#0	21.04	PASS
Band7	15MHz	QPSK	21100	1RB#38	21.17	PASS
Band7	15MHz	16QAM	21100	1RB#38	20.82	PASS
Band7	15MHz	64QAM	21100	1RB#38	21.07	PASS
Band7	15MHz	QPSK	21100	1RB#74	21.22	PASS
Band7	15MHz	16QAM	21100	1RB#74	20.99	PASS
Band7	15MHz	64QAM	21100	1RB#74	21.24	PASS
Band7	15MHz	QPSK	21100	38RB#0	20.73	PASS



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Band7	15MHz	16QAM	21100	38RB#0	20.62	PASS
Band7	15MHz	64QAM	21100	38RB#0	20.63	PASS
Band7	15MHz	QPSK	21100	38RB#18	20.64	PASS
Band7	15MHz	16QAM	21100	38RB#18	20.63	PASS
Band7	15MHz	64QAM	21100	38RB#18	20.64	PASS
Band7	15MHz	QPSK	21100	38RB#37	20.64	PASS
Band7	15MHz	16QAM	21100	38RB#37	20.64	PASS
Band7	15MHz	64QAM	21100	38RB#37	20.64	PASS
Band7	15MHz	QPSK	21100	75RB#0	20.64	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.01	PASS
Band7	15MHz	64QAM	21100	75RB#0	20.64	PASS
Band7	15MHz	QPSK	21375	1RB#0	20.55	PASS
Band7	15MHz	16QAM	21375	1RB#0	20.13	PASS
Band7	15MHz	64QAM	21375	1RB#0	20.34	PASS
Band7	15MHz	QPSK	21375	1RB#38	20.79	PASS
Band7	15MHz	16QAM	21375	1RB#38	20.57	PASS
Band7	15MHz	64QAM	21375	1RB#38	20.79	PASS
Band7	15MHz	QPSK	21375	1RB#74	20.93	PASS
Band7	15MHz	16QAM	21375	1RB#74	20.74	PASS
Band7	15MHz	64QAM	21375	1RB#74	21	PASS
Band7	15MHz	QPSK	21375	38RB#0	20.81	PASS
Band7	15MHz	16QAM	21375	38RB#0	20.78	PASS
Band7	15MHz	64QAM	21375	38RB#0	20.77	PASS
Band7	15MHz	QPSK	21375	38RB#18	20.77	PASS
Band7	15MHz	16QAM	21375	38RB#18	20.76	PASS
Band7	15MHz	64QAM	21375	38RB#18	20.76	PASS
Band7	15MHz	QPSK	21375	38RB#37	20.76	PASS
Band7	15MHz	16QAM	21375	38RB#37	20.76	PASS
Band7	15MHz	64QAM	21375	38RB#37	20.76	PASS
Band7	15MHz	QPSK	21375	75RB#0	20.75	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.15	PASS
Band7	15MHz	64QAM	21375	75RB#0	20.79	PASS
Band7	20MHz	QPSK	20850	1RB#0	21.21	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.12	PASS
Band7	20MHz	64QAM	20850	1RB#0	21.02	PASS
Band7	20MHz	QPSK	20850	1RB#49	21.07	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.01	PASS
Band7	20MHz	64QAM	20850	1RB#49	20.96	PASS
Band7	20MHz	QPSK	20850	1RB#99	20.98	PASS
Band7	20MHz	16QAM	20850	1RB#99	20.99	PASS
Band7	20MHz	64QAM	20850	1RB#99	20.97	PASS



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Band7	20MHz	QPSK	20850	50RB#0	20.91	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.95	PASS
Band7	20MHz	64QAM	20850	50RB#0	20.91	PASS
Band7	20MHz	QPSK	20850	50RB#25	20.98	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.96	PASS
Band7	20MHz	64QAM	20850	50RB#25	20.94	PASS
Band7	20MHz	QPSK	20850	50RB#50	20.88	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.91	PASS
Band7	20MHz	64QAM	20850	50RB#50	20.92	PASS
Band7	20MHz	QPSK	20850	100RB#0	20.89	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.88	PASS
Band7	20MHz	64QAM	20850	100RB#0	20.93	PASS
Band7	20MHz	QPSK	21100	1RB#0	20.6	PASS
Band7	20MHz	16QAM	21100	1RB#0	20.25	PASS
Band7	20MHz	64QAM	21100	1RB#0	20.71	PASS
Band7	20MHz	QPSK	21100	1RB#49	20.72	PASS
Band7	20MHz	16QAM	21100	1RB#49	19.78	PASS
Band7	20MHz	64QAM	21100	1RB#49	20.88	PASS
Band7	20MHz	QPSK	21100	1RB#99	20.97	PASS
Band7	20MHz	16QAM	21100	1RB#99	19.86	PASS
Band7	20MHz	64QAM	21100	1RB#99	20.96	PASS
Band7	20MHz	QPSK	21100	50RB#0	20.16	PASS
Band7	20MHz	16QAM	21100	50RB#0	19.16	PASS
Band7	20MHz	64QAM	21100	50RB#0	20.13	PASS
Band7	20MHz	QPSK	21100	50RB#25	19.68	PASS
Band7	20MHz	16QAM	21100	50RB#25	19.11	PASS
Band7	20MHz	64QAM	21100	50RB#25	19.95	PASS
Band7	20MHz	QPSK	21100	50RB#50	20.04	PASS
Band7	20MHz	16QAM	21100	50RB#50	19.26	PASS
Band7	20MHz	64QAM	21100	50RB#50	20.07	PASS
Band7	20MHz	QPSK	21100	100RB#0	19.85	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.94	PASS
Band7	20MHz	64QAM	21100	100RB#0	20.03	PASS
Band7	20MHz	QPSK	21350	1RB#0	21.32	PASS
Band7	20MHz	16QAM	21350	1RB#0	20.6	PASS
Band7	20MHz	64QAM	21350	1RB#0	21.06	PASS
Band7	20MHz	QPSK	21350	1RB#49	21.56	PASS
Band7	20MHz	16QAM	21350	1RB#49	20.36	PASS
Band7	20MHz	64QAM	21350	1RB#49	21.56	PASS
Band7	20MHz	QPSK	21350	1RB#99	21.18	PASS
Band7	20MHz	16QAM	21350	1RB#99	20.36	PASS



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Band7	20MHz	64QAM	21350	1RB#99	21.25	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.02	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.21	PASS
Band7	20MHz	64QAM	21350	50RB#0	20.87	PASS
Band7	20MHz	QPSK	21350	50RB#25	20.96	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.2	PASS
Band7	20MHz	64QAM	21350	50RB#25	20.93	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.03	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.23	PASS
Band7	20MHz	64QAM	21350	50RB#50	20.91	PASS
Band7	20MHz	QPSK	21350	100RB#0	20.98	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.33	PASS
Band7	20MHz	64QAM	21350	100RB#0	20.99	PASS





E.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	4.55	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	4.72	13	PASS
Band7	5MHz	64QAM	20775	1RB#0	4.56	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.11	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.64	13	PASS
Band7	5MHz	64QAM	20775	25RB#0	5.12	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.42	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.26	13	PASS
Band7	5MHz	64QAM	21100	1RB#0	4.47	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.28	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.94	13	PASS
Band7	5MHz	64QAM	21100	25RB#0	5.27	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.55	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	4.88	13	PASS
Band7	5MHz	64QAM	21425	1RB#0	4.57	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.00	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.65	13	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.99	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.44	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	4.71	13	PASS
Band7	10MHz	64QAM	20800	1RB#0	4.44	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.12	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.68	13	PASS
Band7	10MHz	64QAM	20800	50RB#0	5.13	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.33	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.21	13	PASS
Band7	10MHz	64QAM	21100	1RB#0	4.32	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.30	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.00	13	PASS
Band7	10MHz	64QAM	21100	50RB#0	5.31	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.59	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	4.92	13	PASS
Band7	10MHz	64QAM	21400	1RB#0	4.59	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.05	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.73	13	PASS
Band7	10MHz	64QAM	21400	50RB#0	5.05	13	PASS



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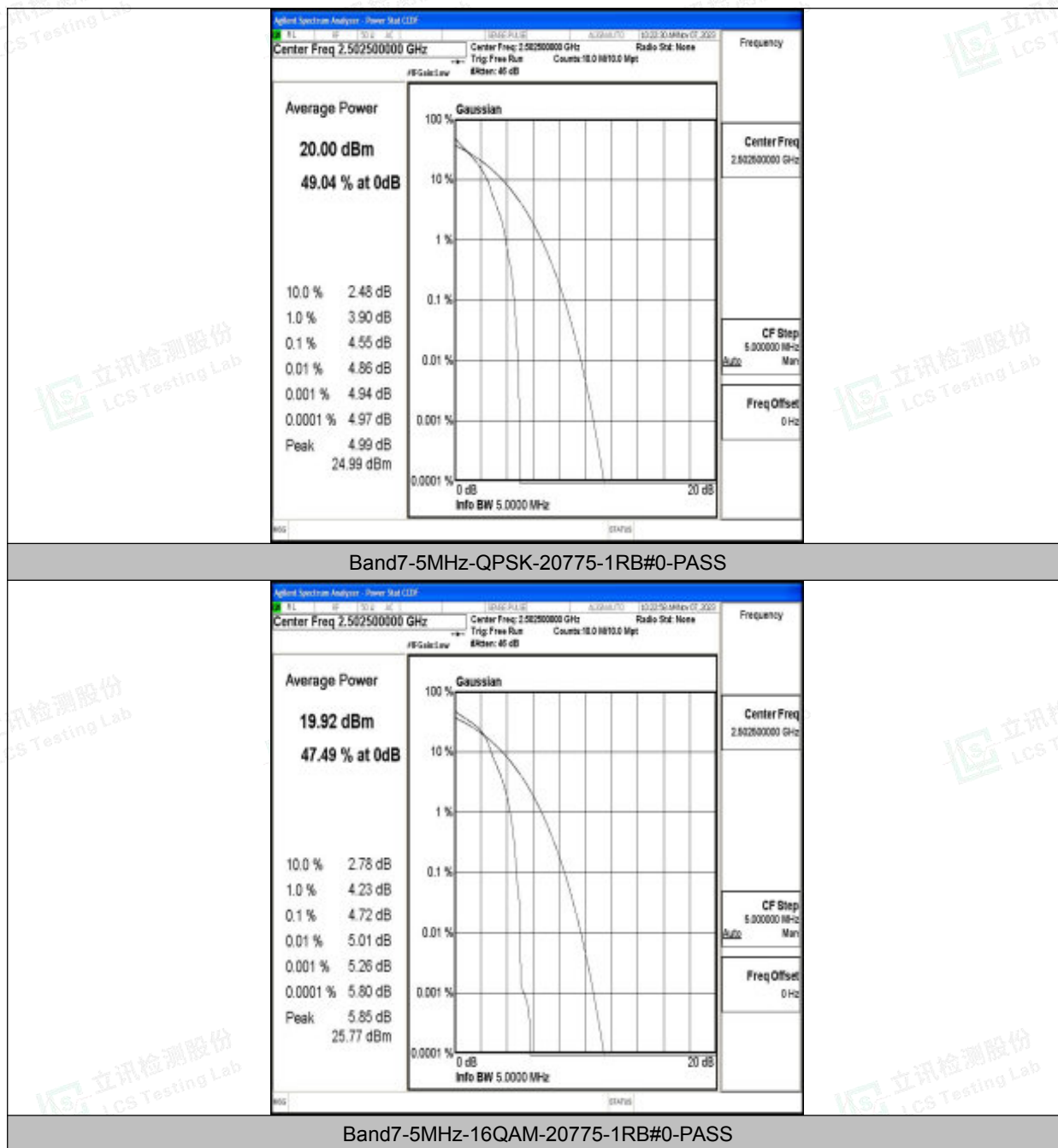
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

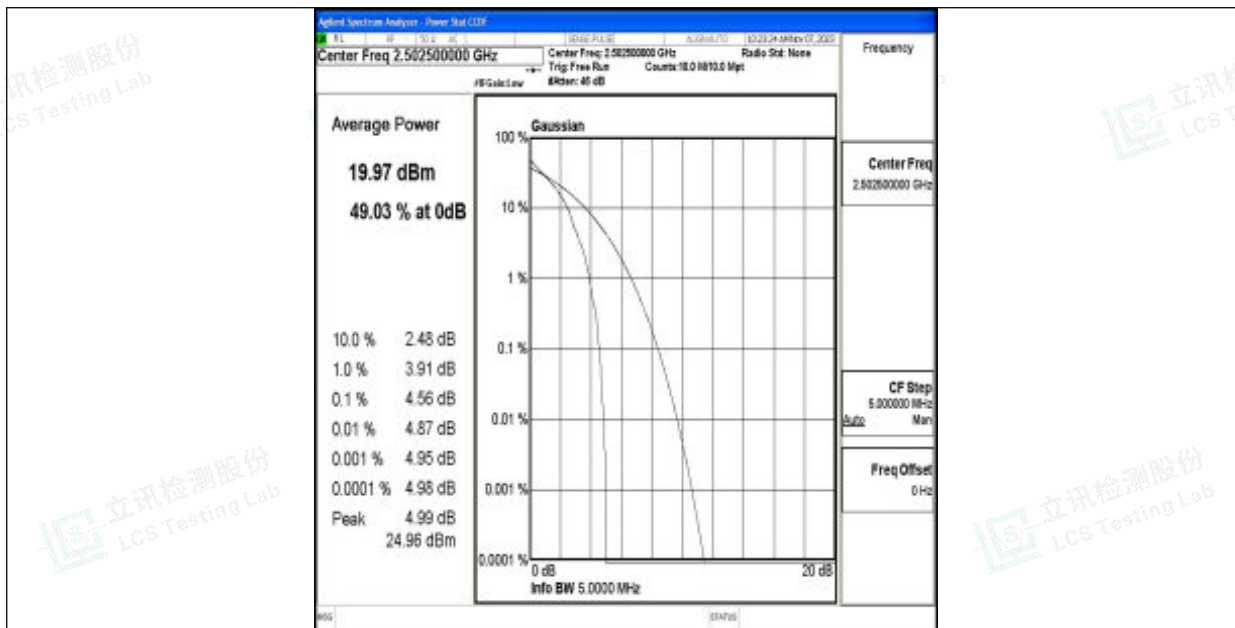
Scan code to check authenticity

Band7	15MHz	QPSK	20825	1RB#0	4.43	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	4.71	13	PASS
Band7	15MHz	64QAM	20825	1RB#0	4.43	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.42	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.74	13	PASS
Band7	15MHz	64QAM	20825	75RB#0	5.42	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.24	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.07	13	PASS
Band7	15MHz	64QAM	21100	1RB#0	4.28	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.51	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.05	13	PASS
Band7	15MHz	64QAM	21100	75RB#0	5.50	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.65	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	4.97	13	PASS
Band7	15MHz	64QAM	21375	1RB#0	4.66	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.31	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.79	13	PASS
Band7	15MHz	64QAM	21375	75RB#0	5.31	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.36	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	4.56	13	PASS
Band7	20MHz	64QAM	20850	1RB#0	4.36	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.17	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.71	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	5.18	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	3.96	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	4.92	13	PASS
Band7	20MHz	64QAM	21100	1RB#0	3.97	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.19	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.95	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	5.22	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.59	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	4.83	13	PASS
Band7	20MHz	64QAM	21350	1RB#0	4.61	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.09	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.75	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	5.09	13	PASS

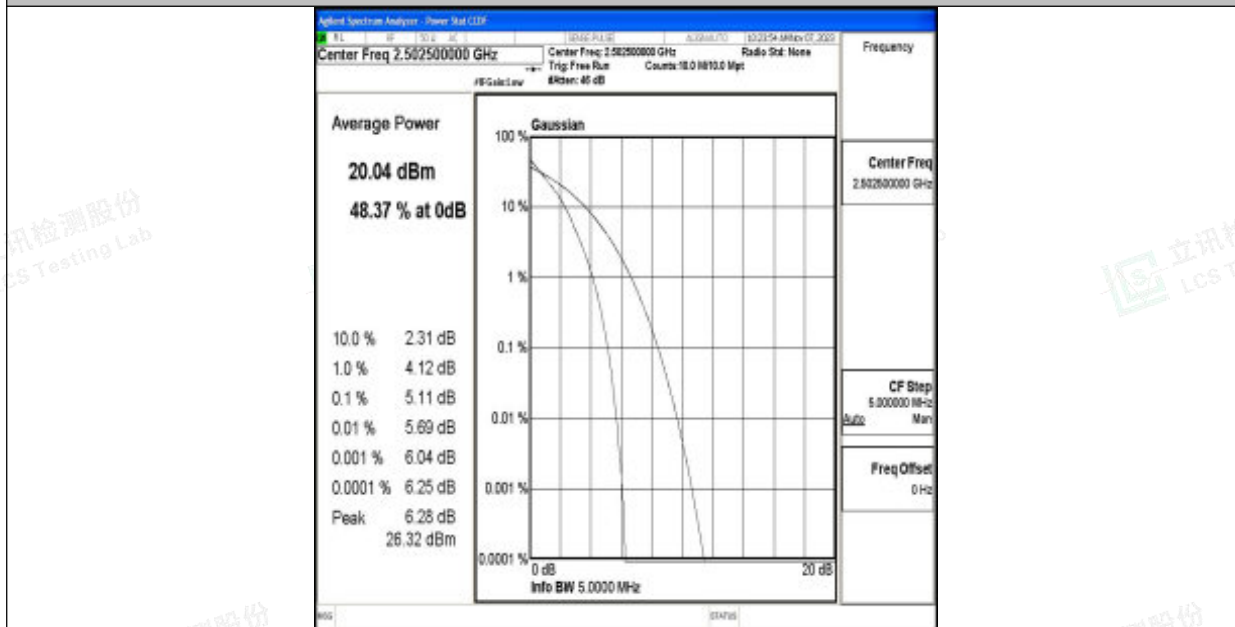


Test Graphs



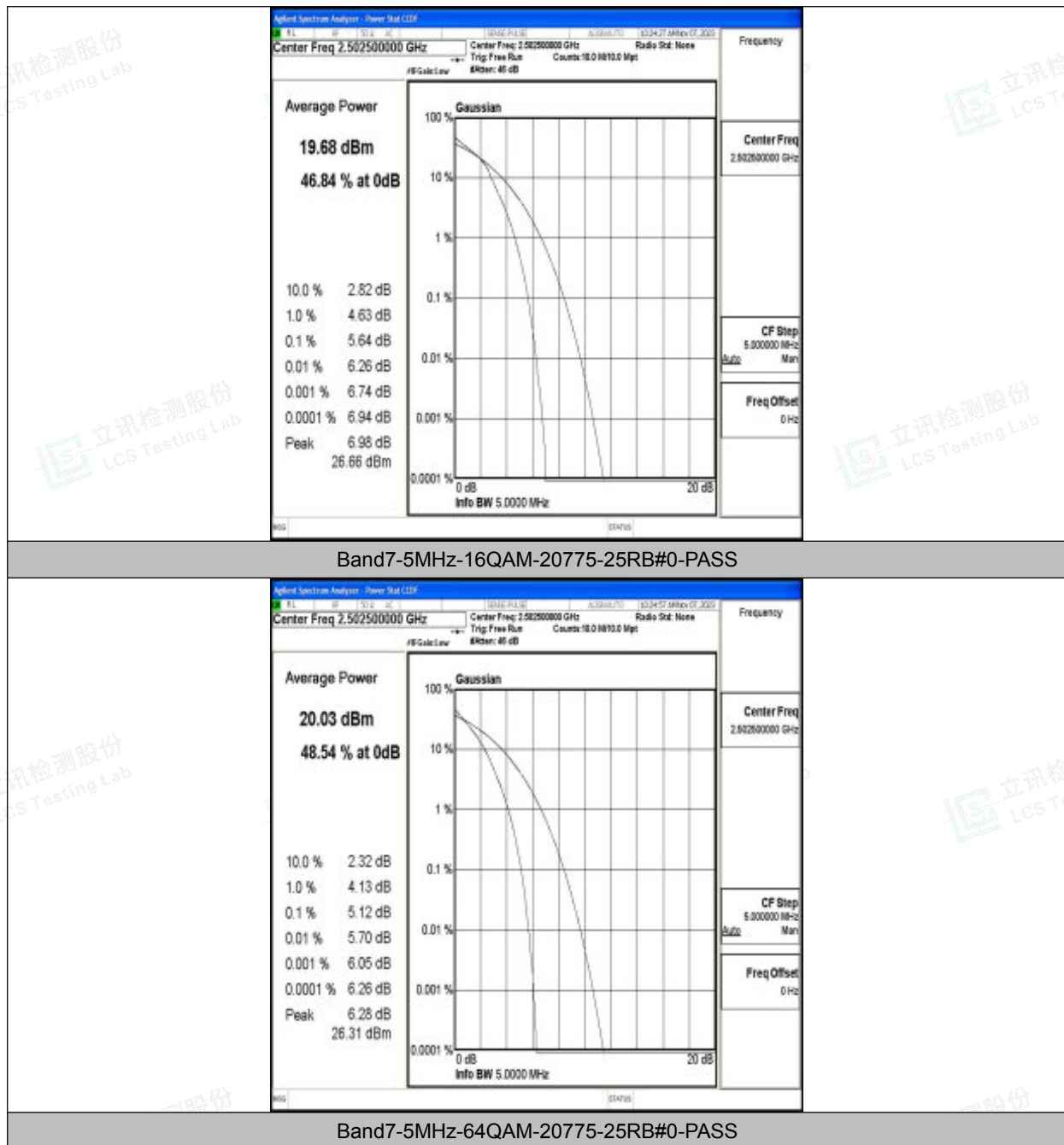


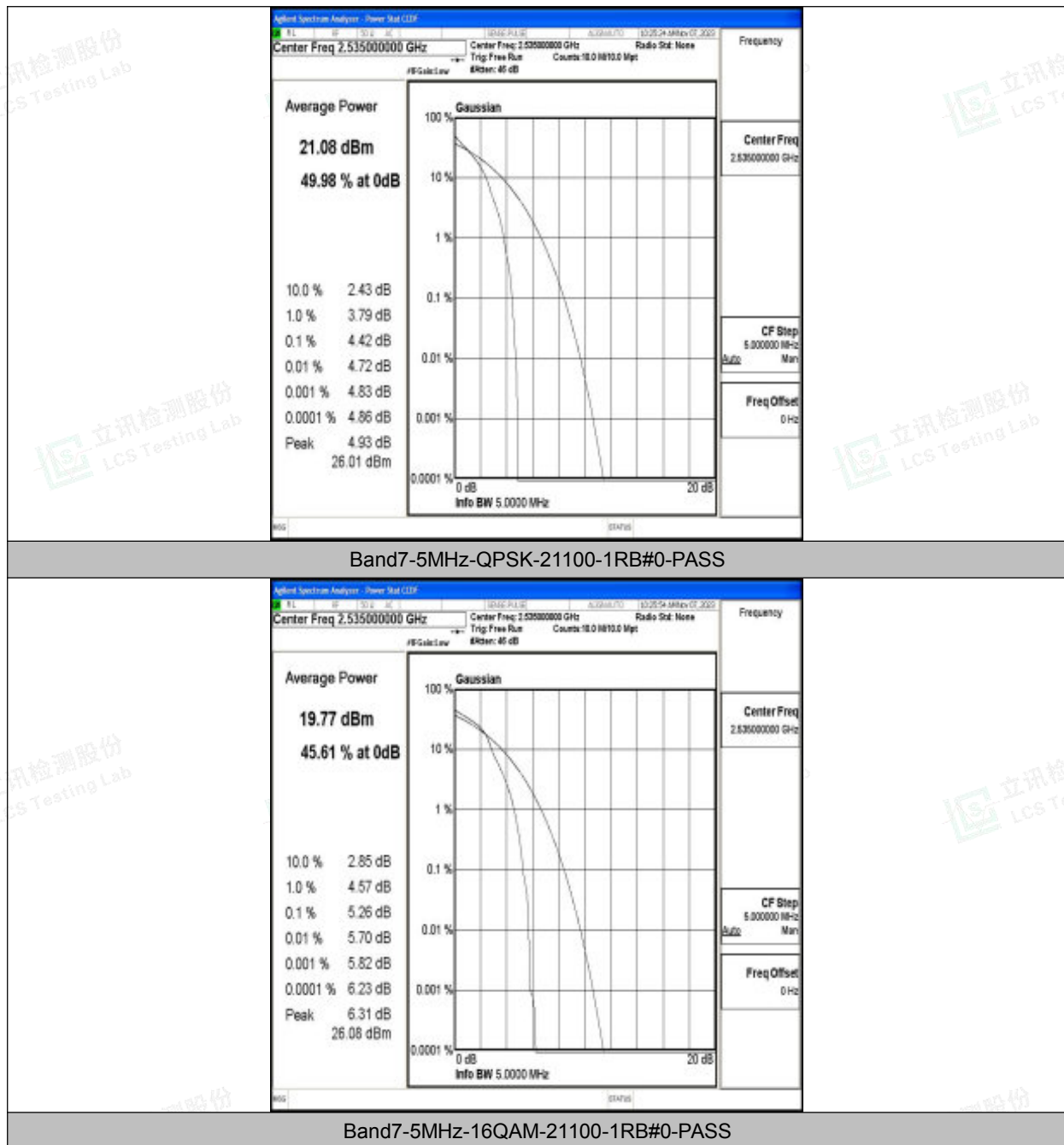
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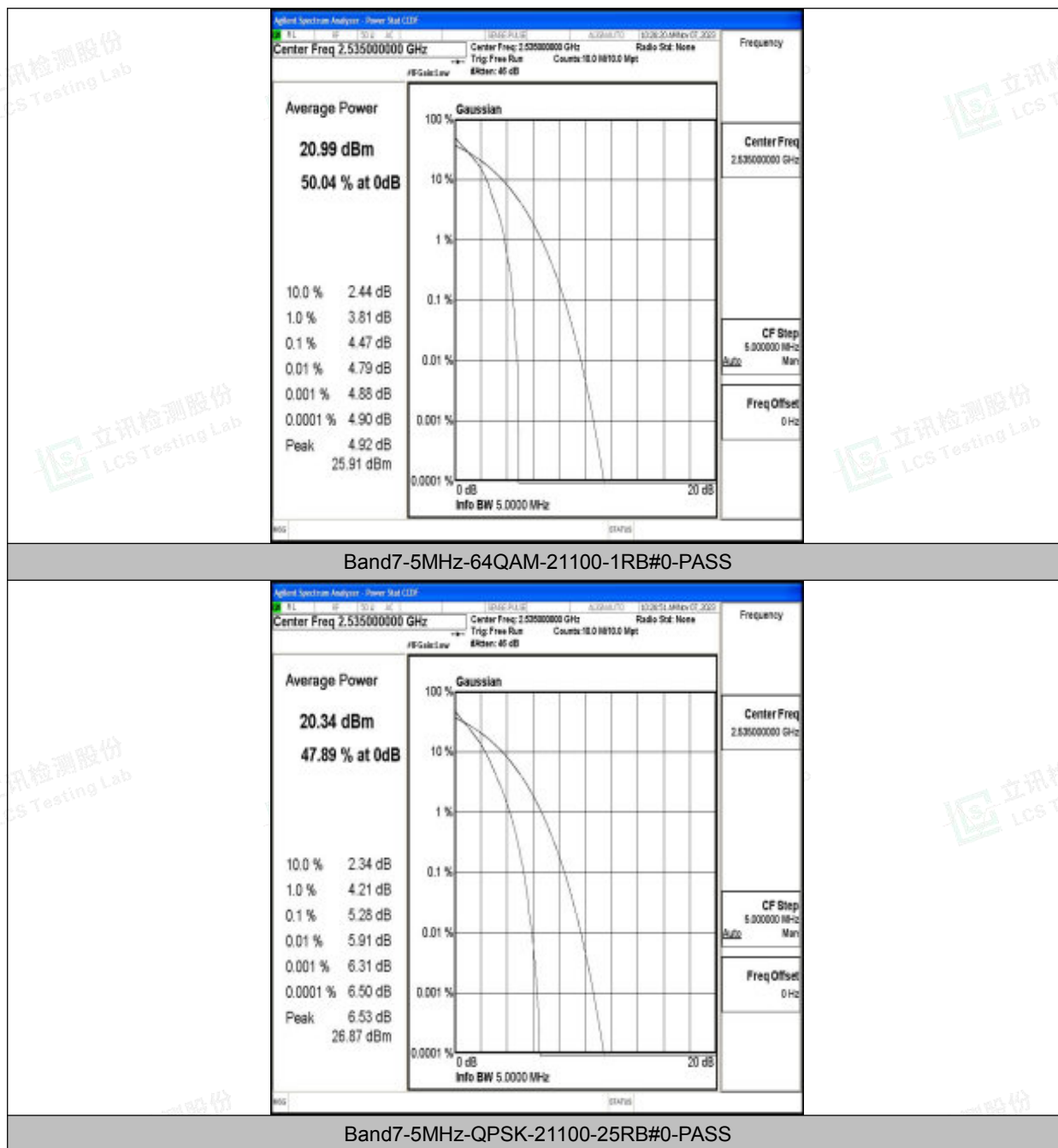


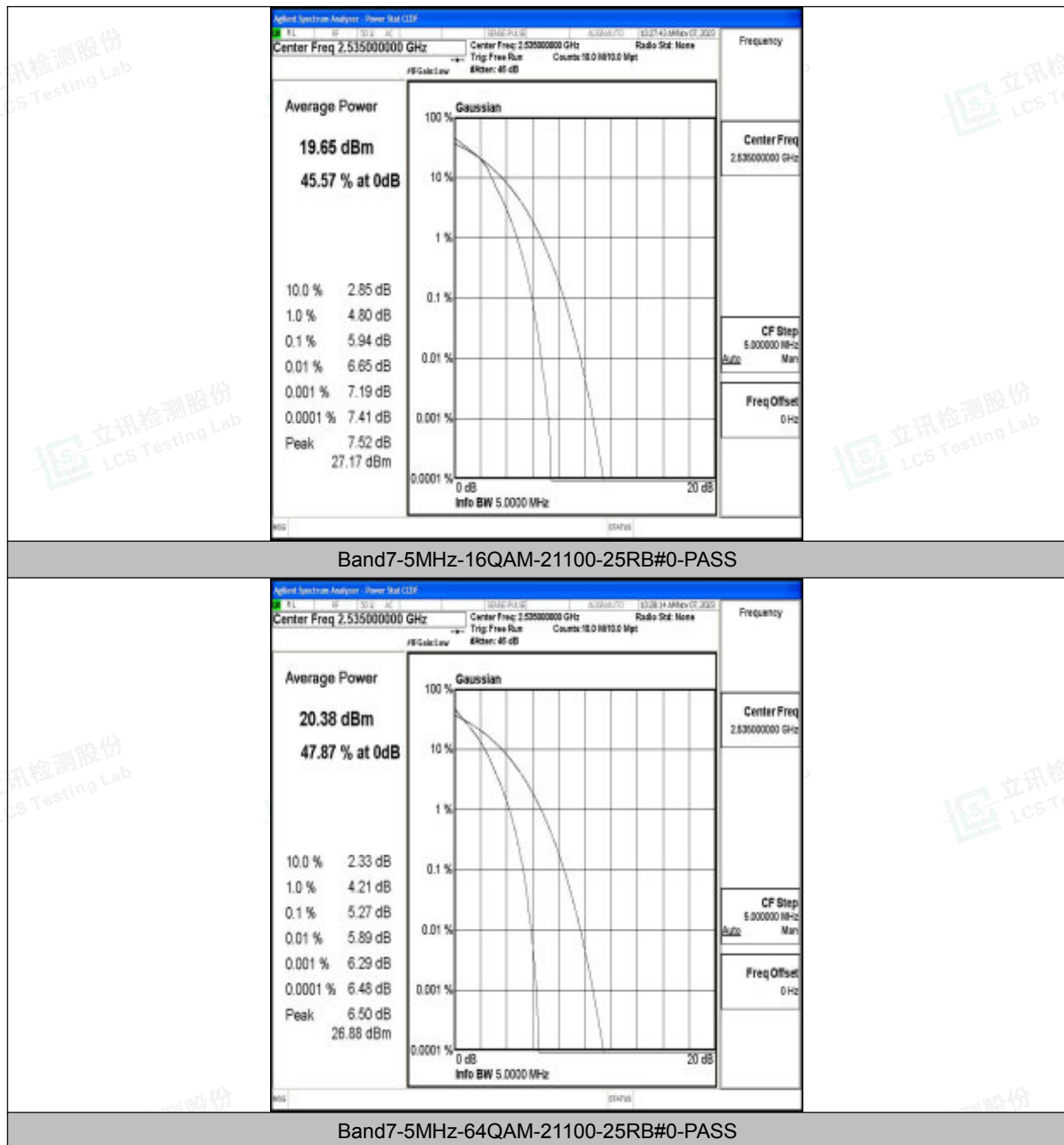
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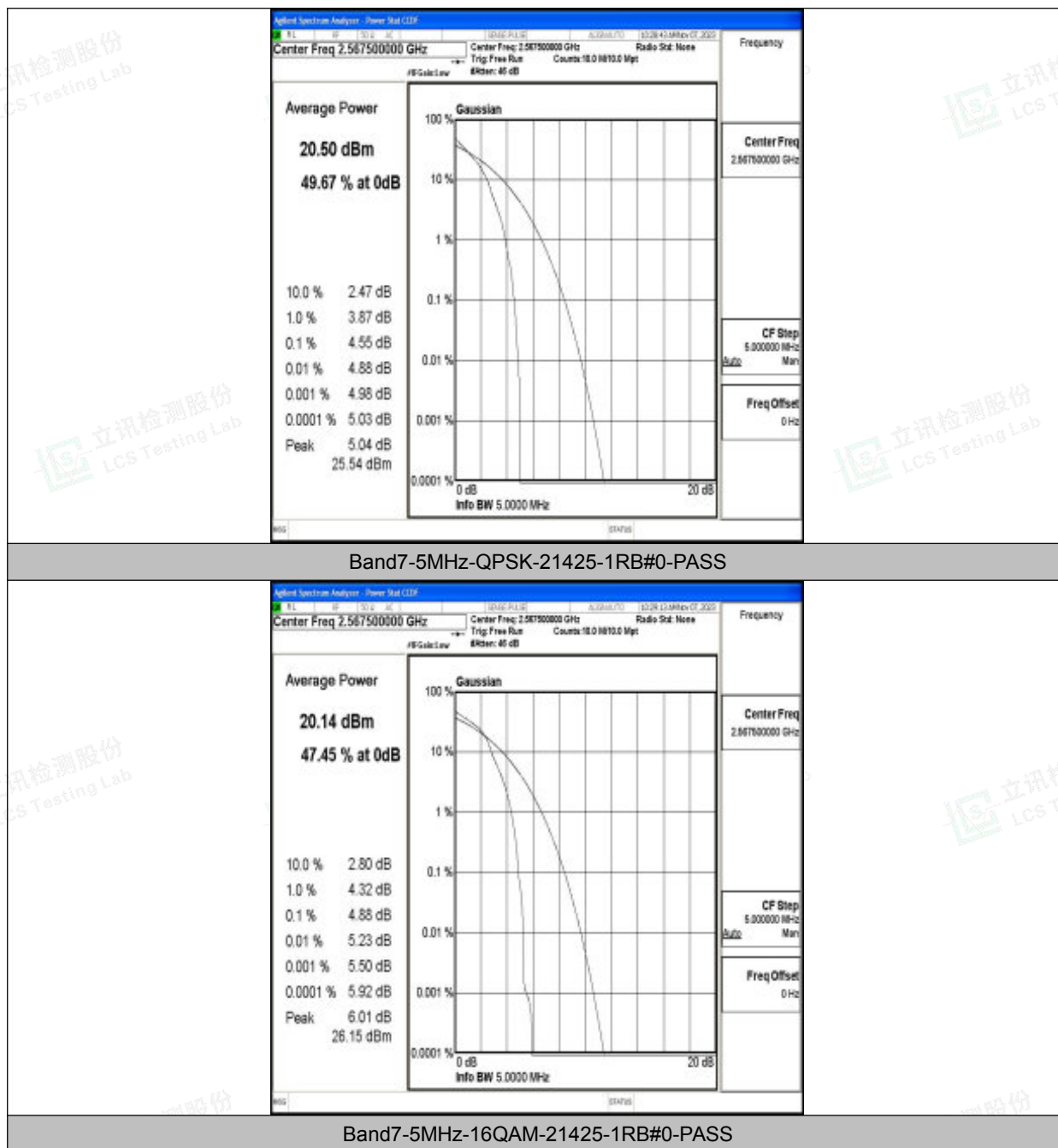


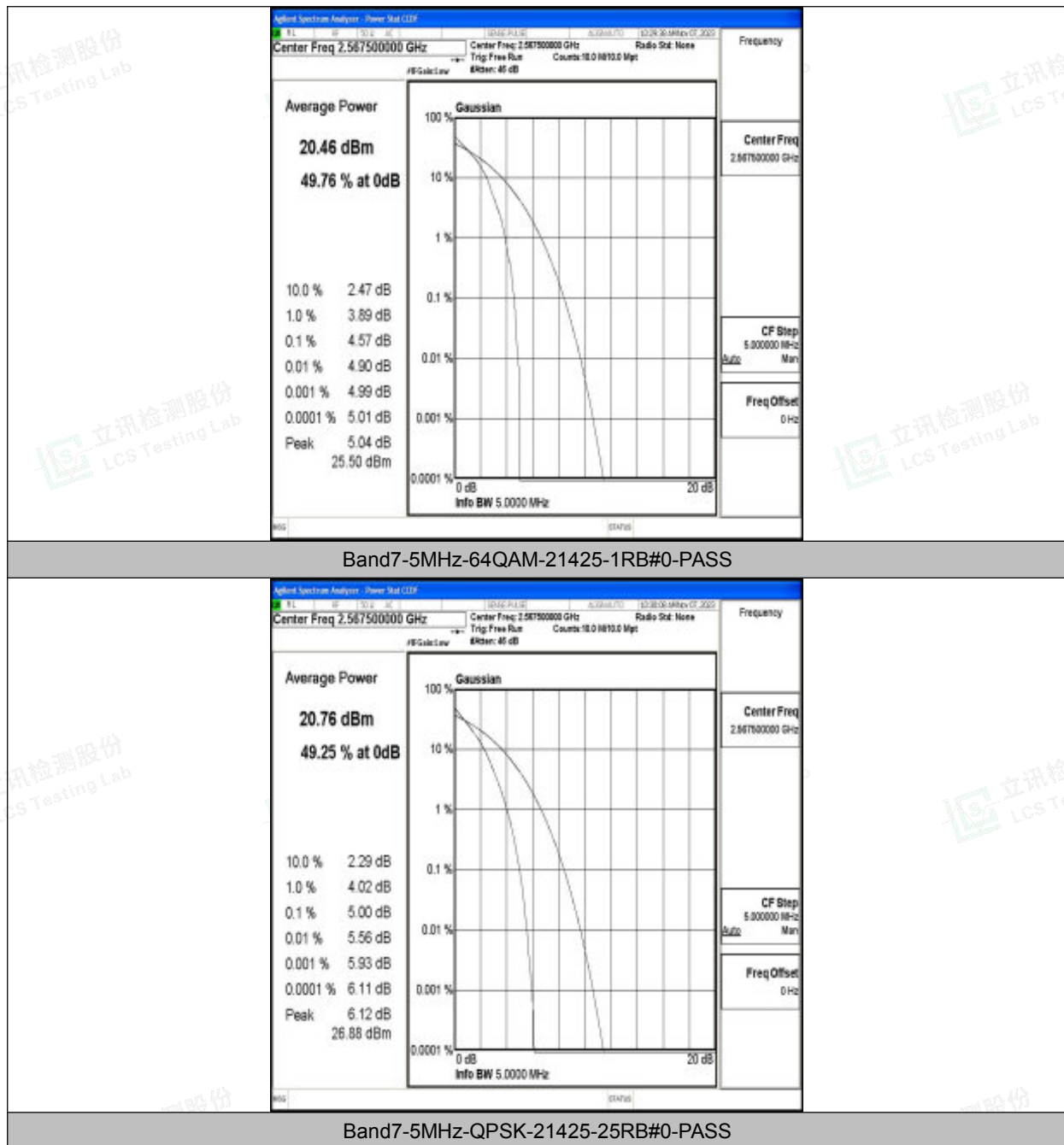


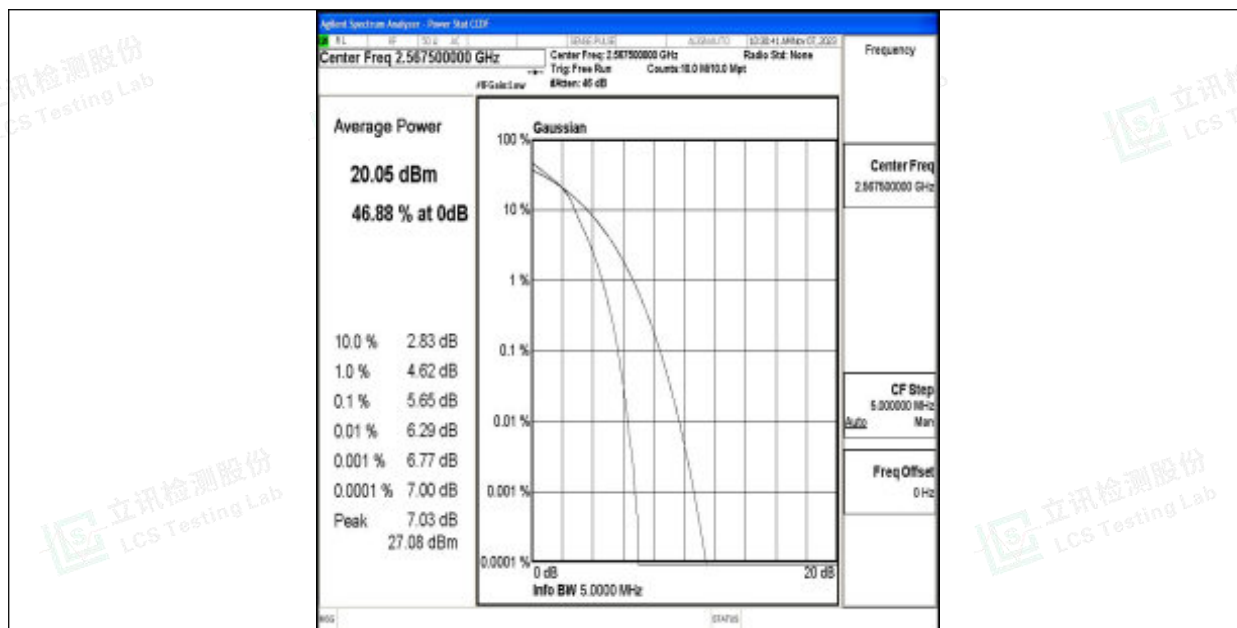
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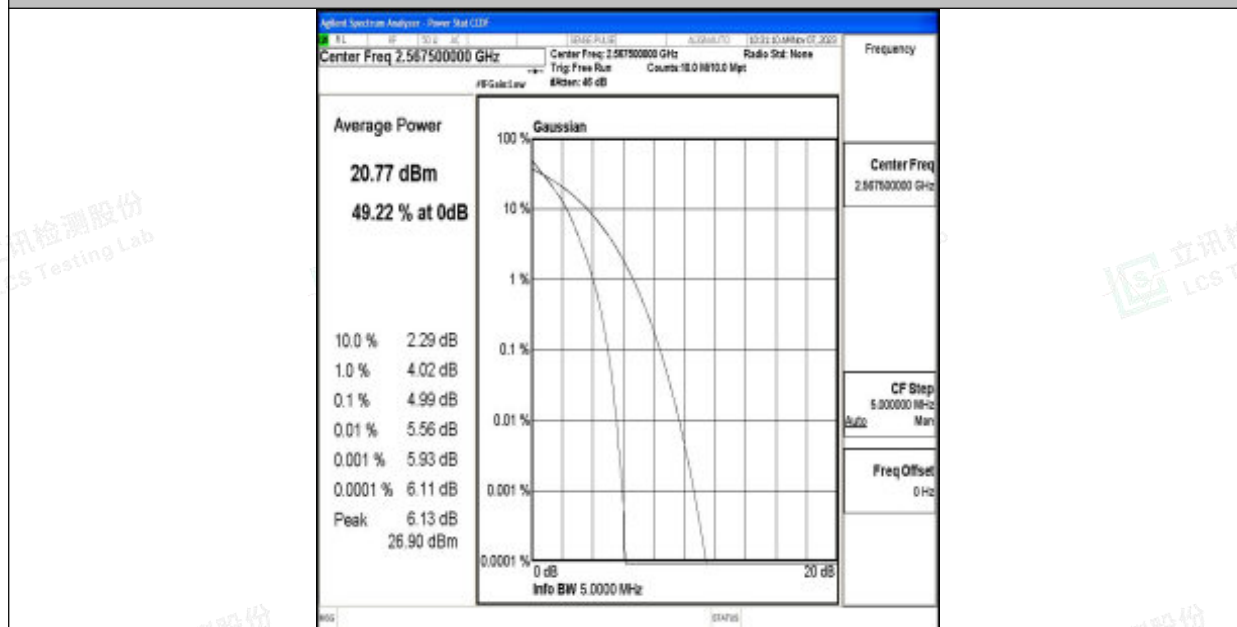






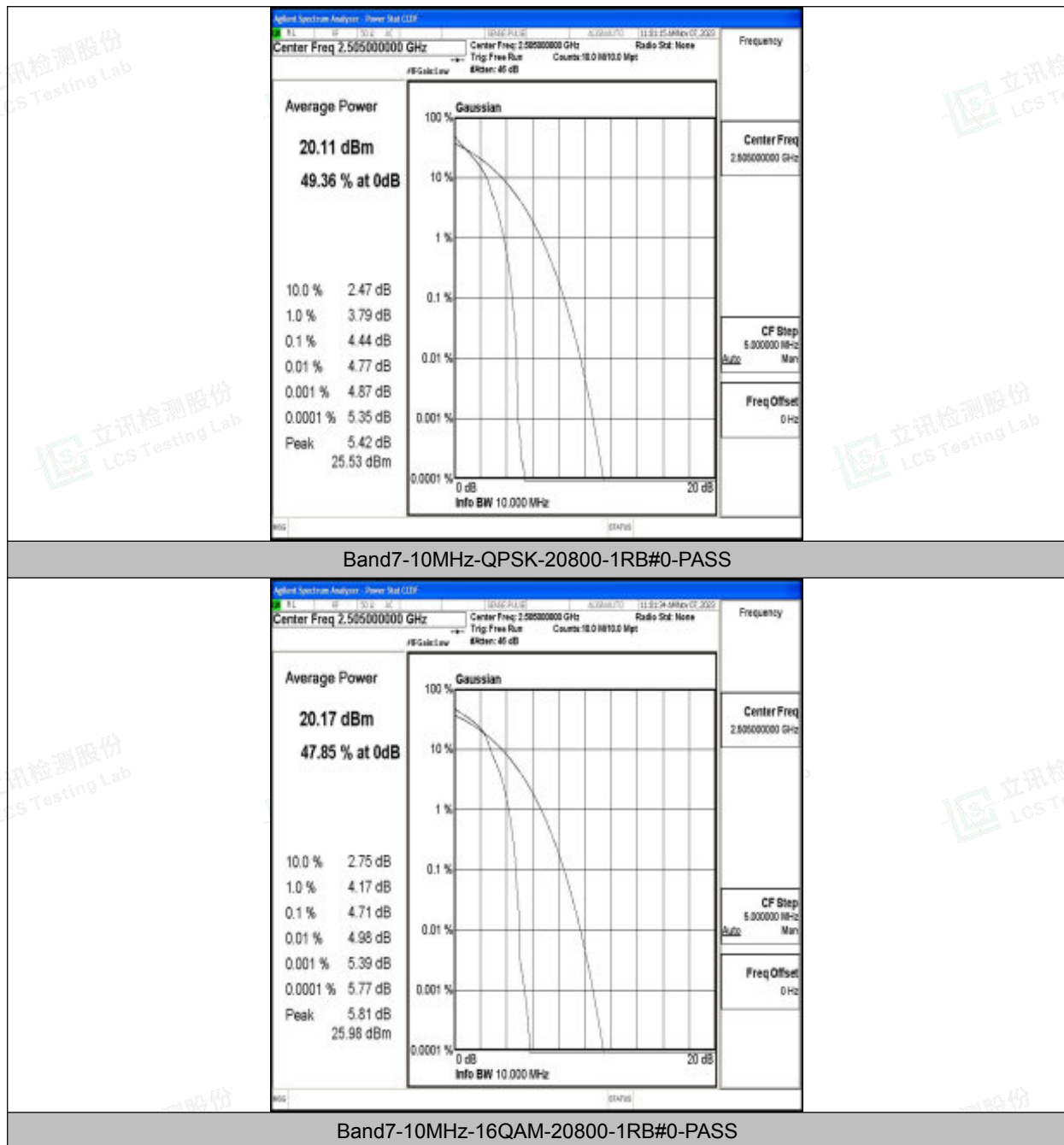


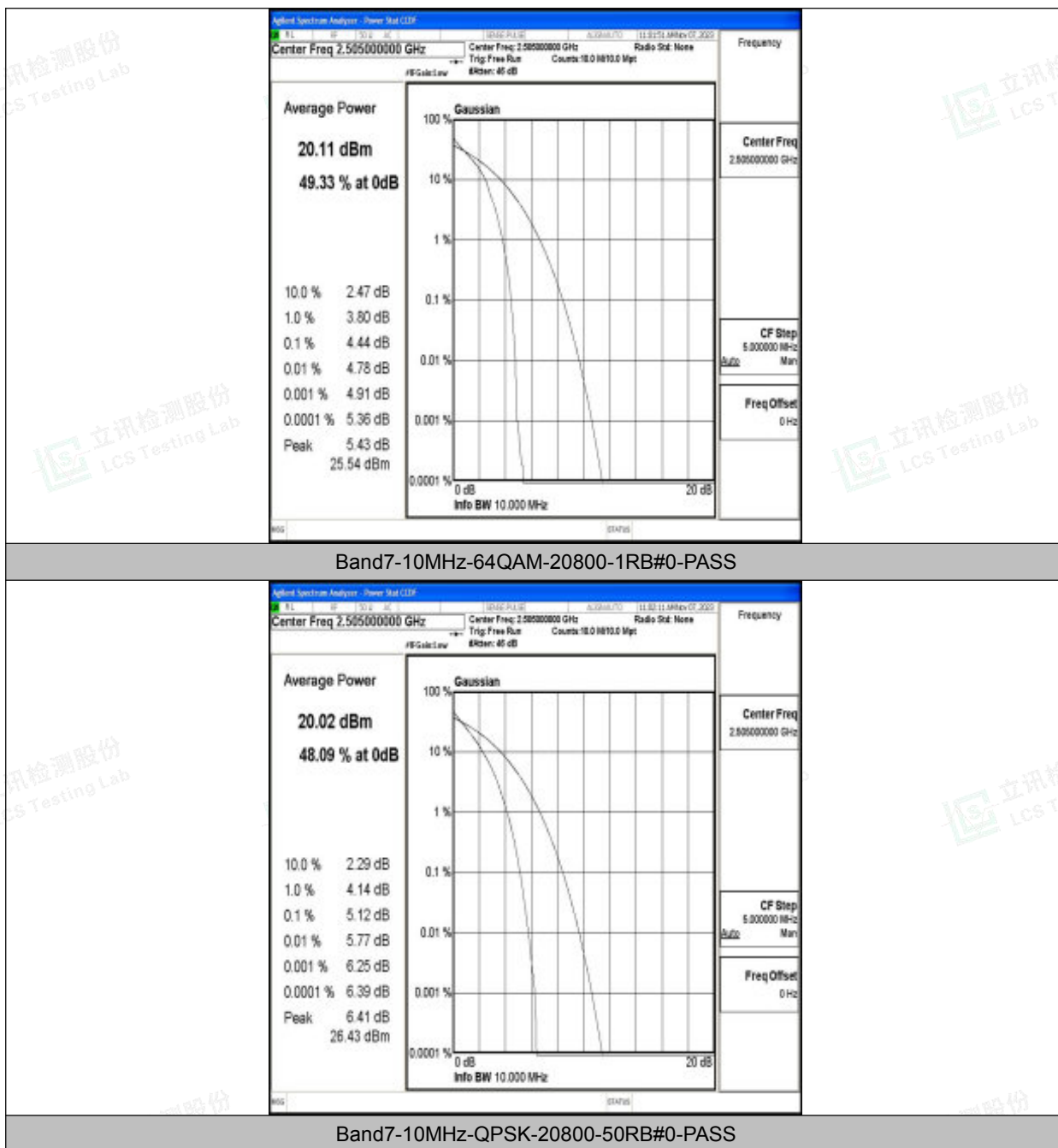
Band7-5MHz-16QAM-21425-25RB#0-PASS

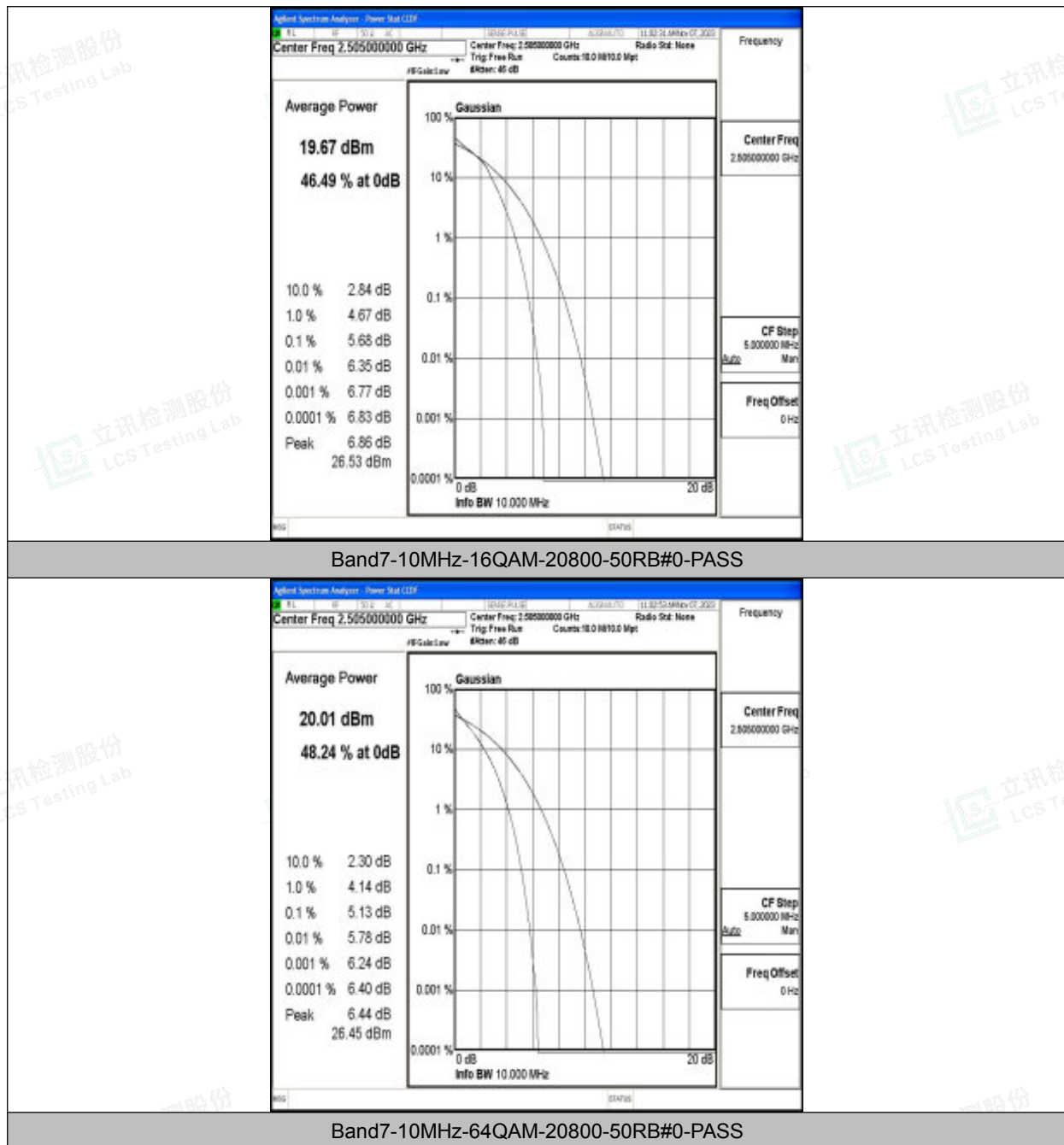


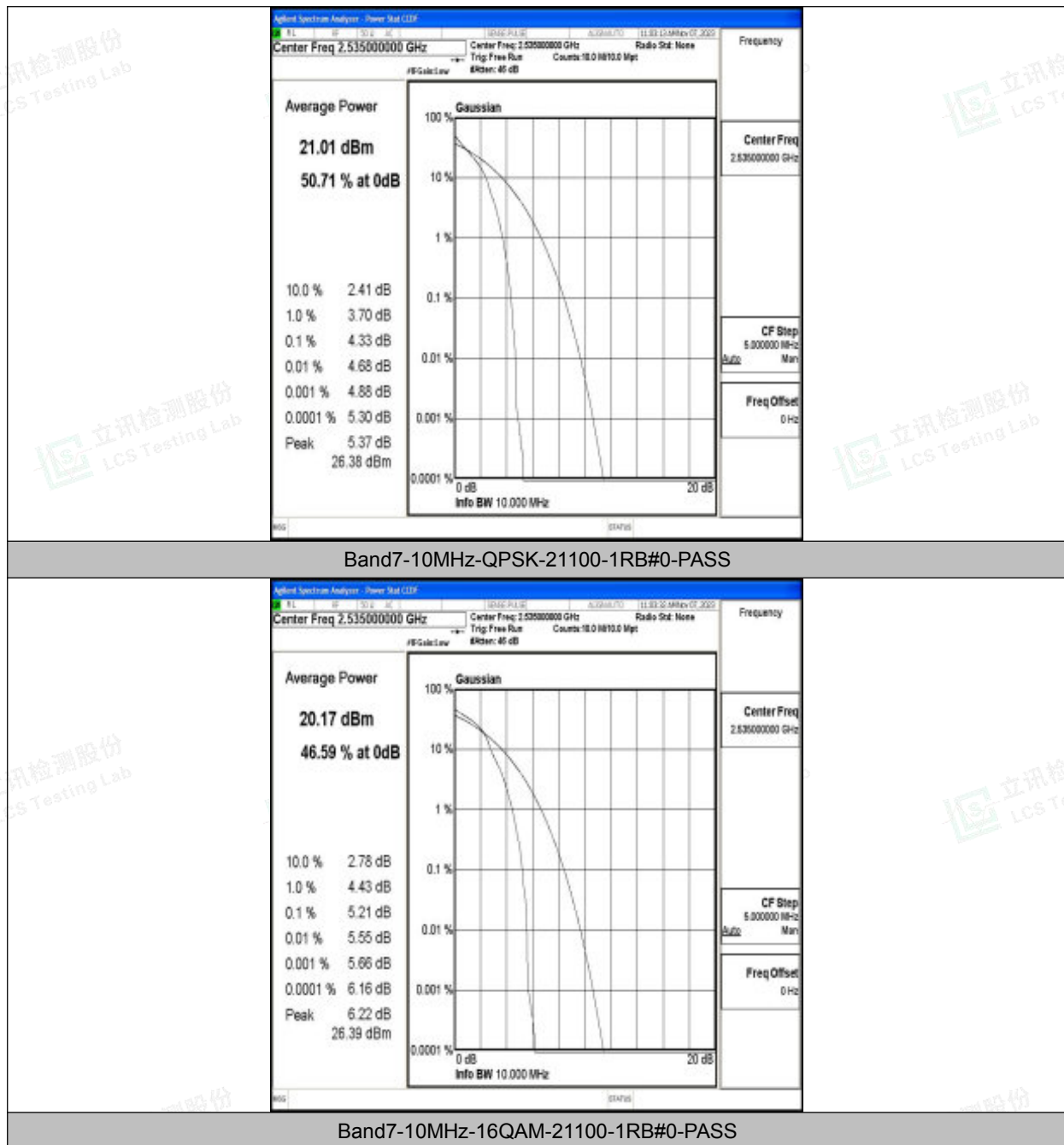
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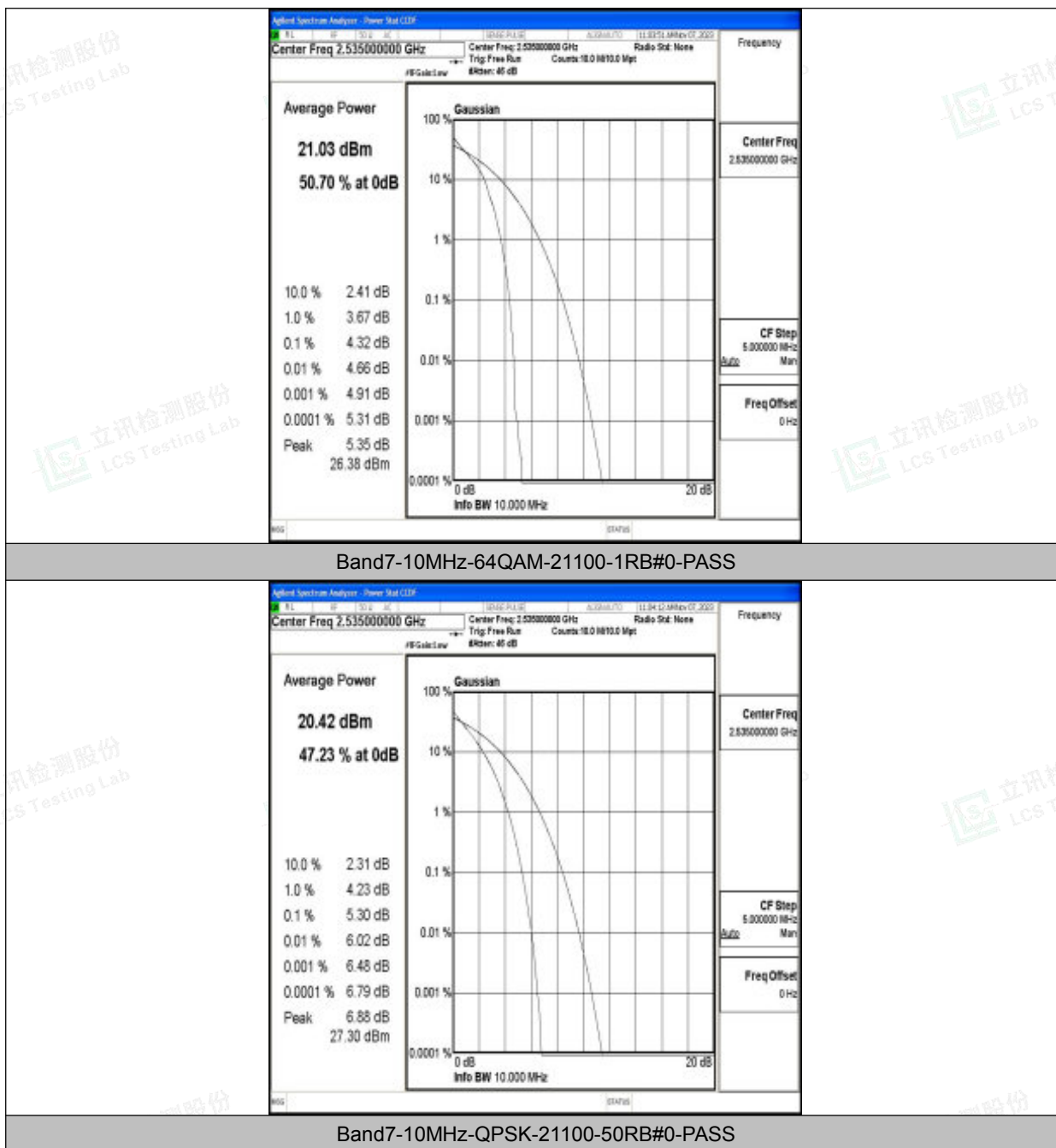


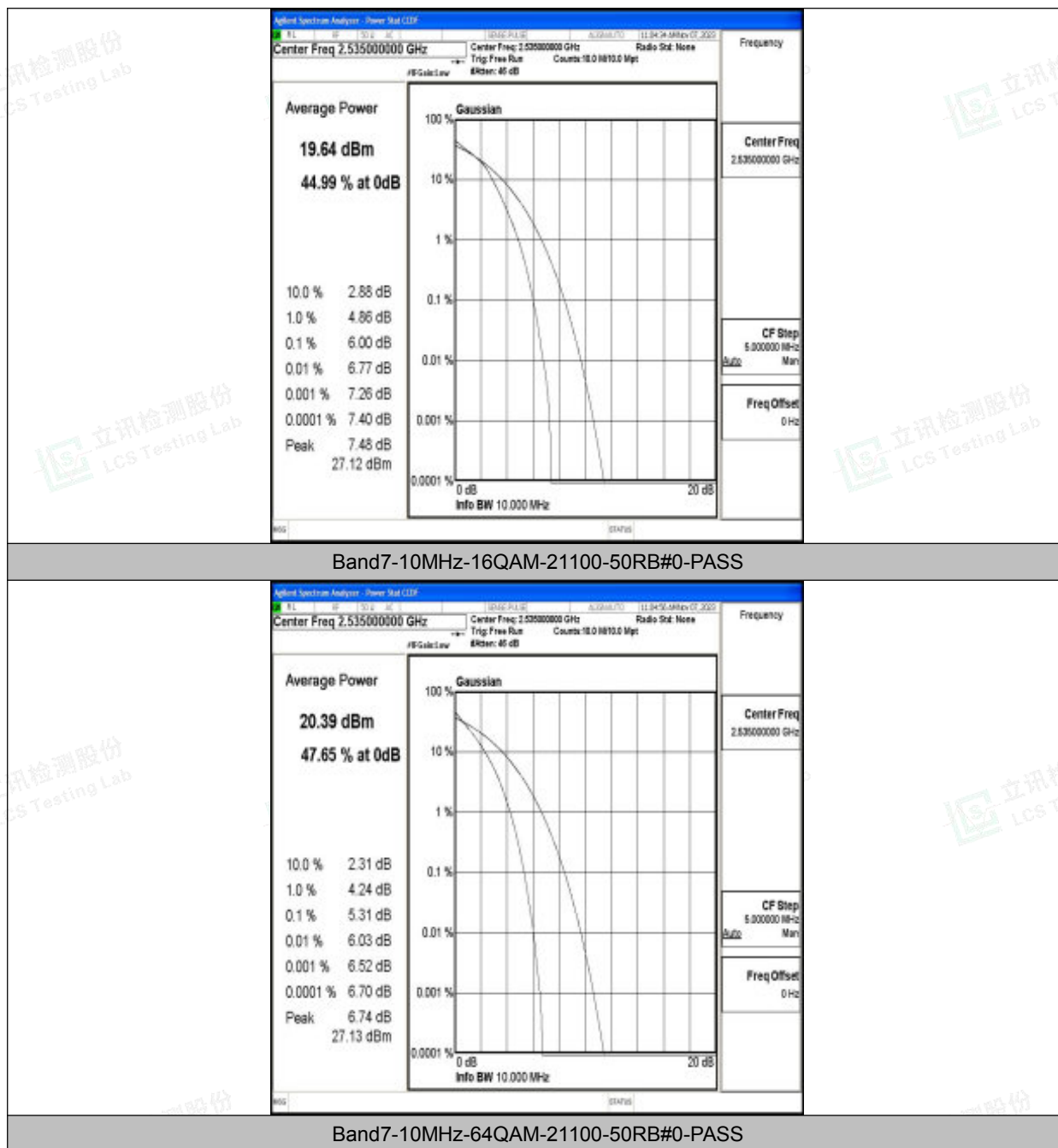


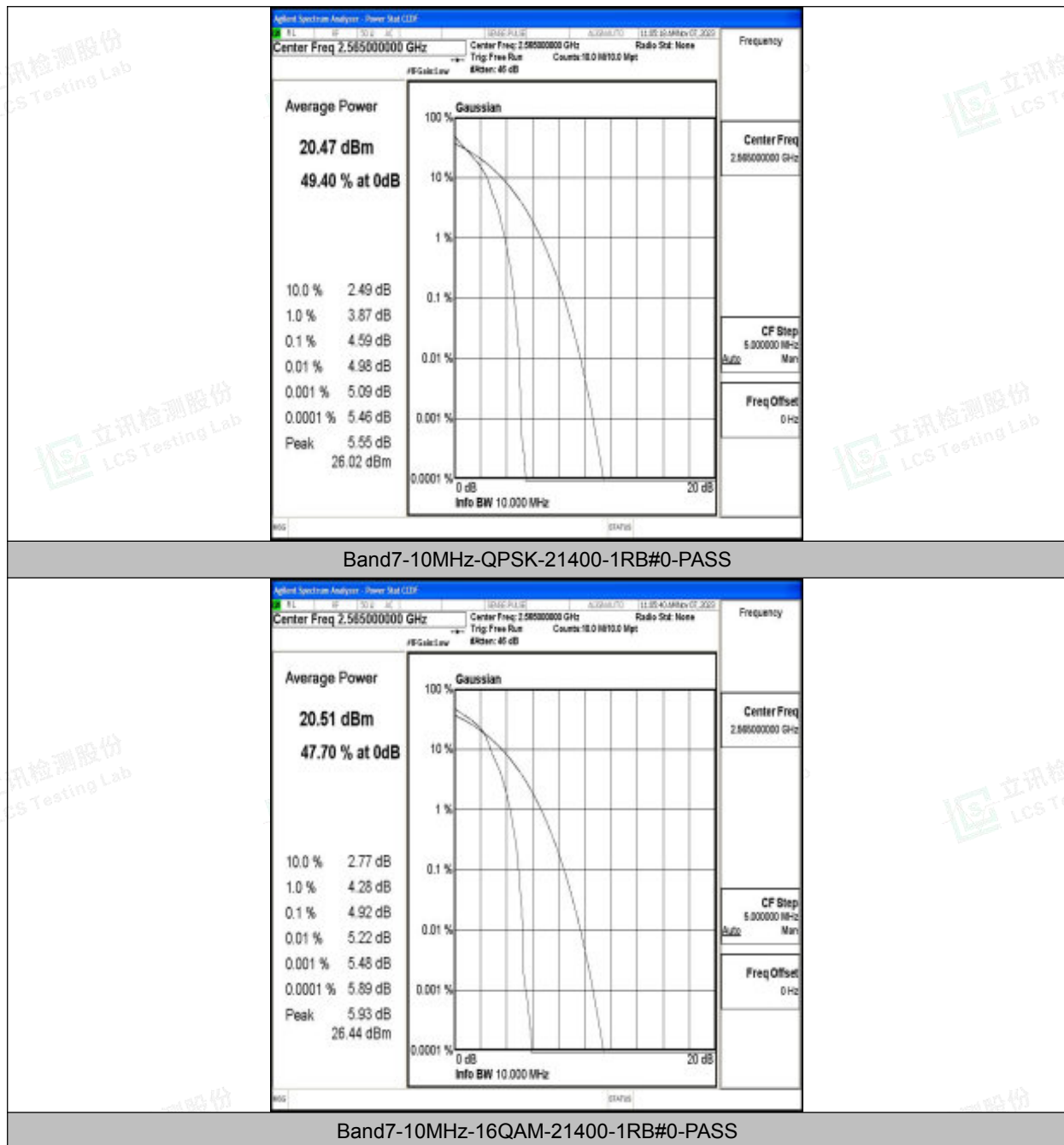


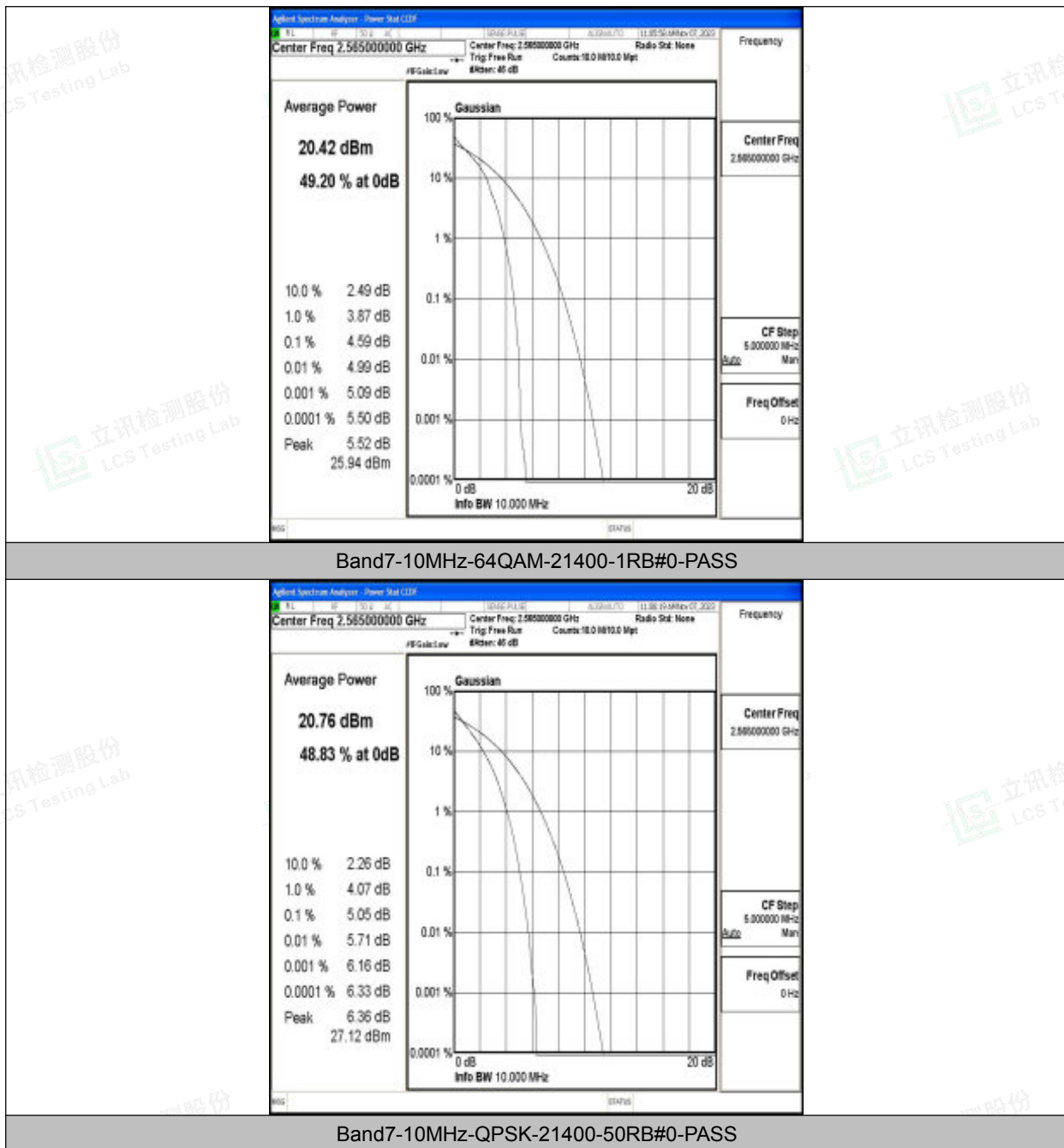


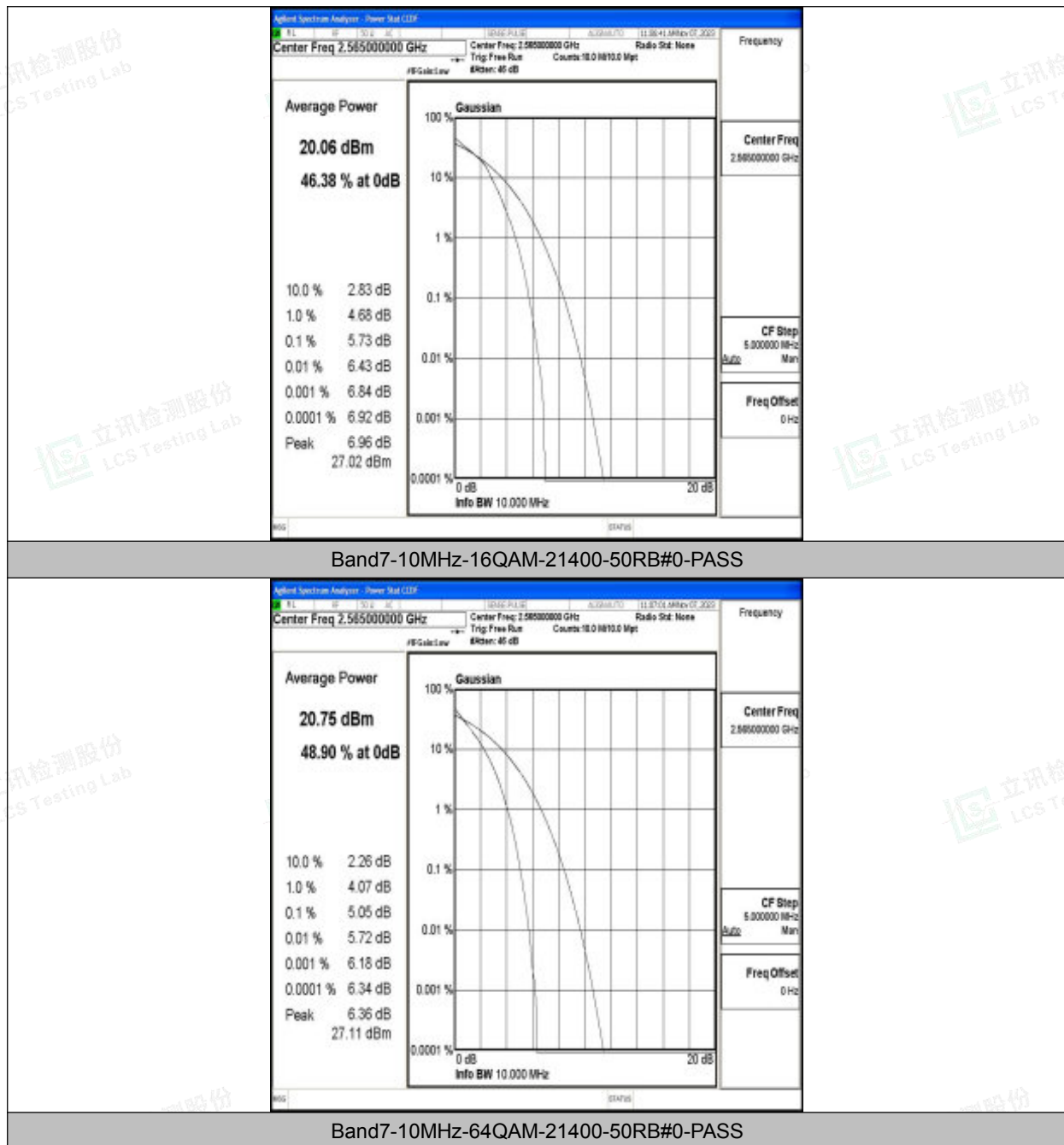


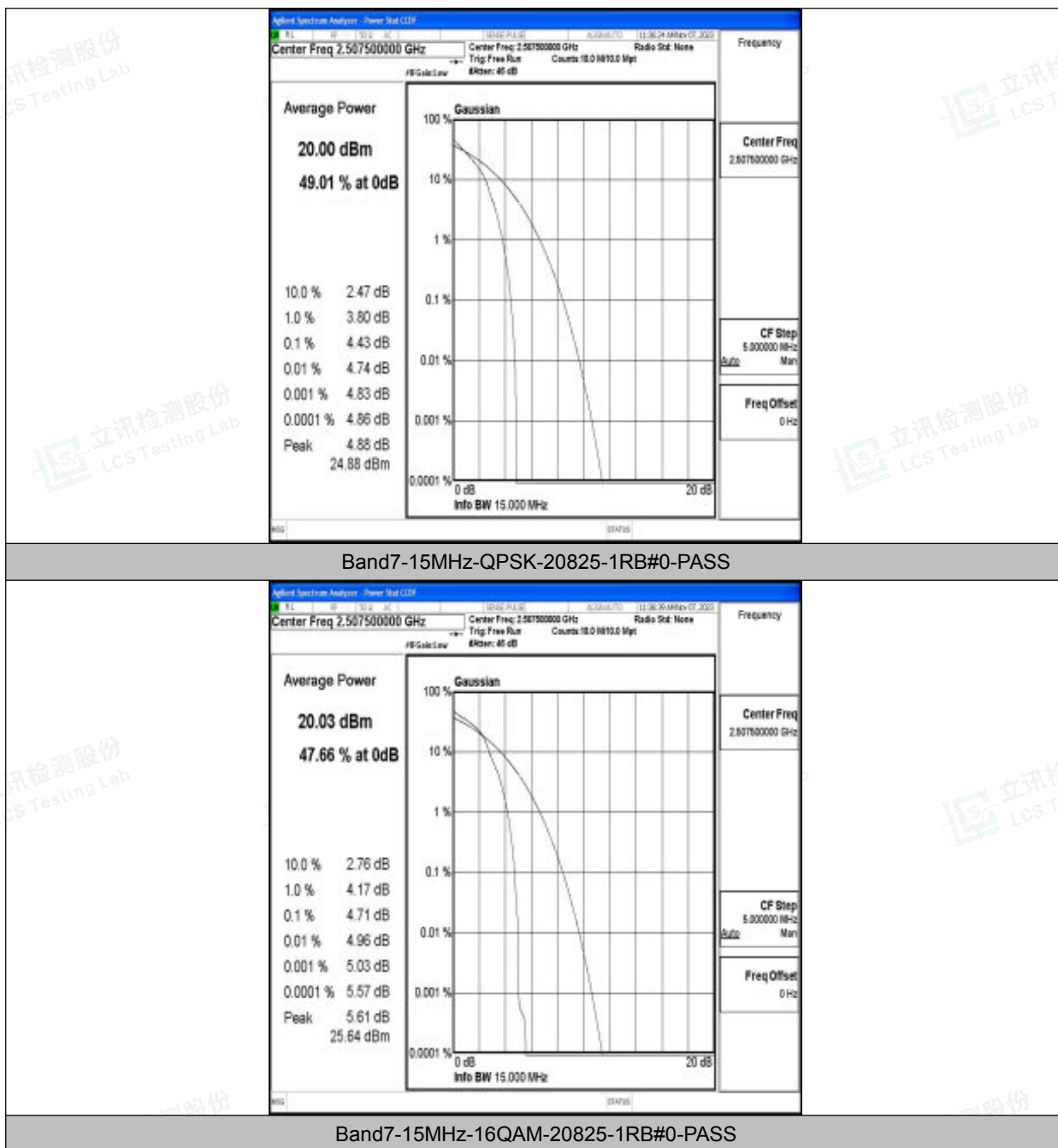


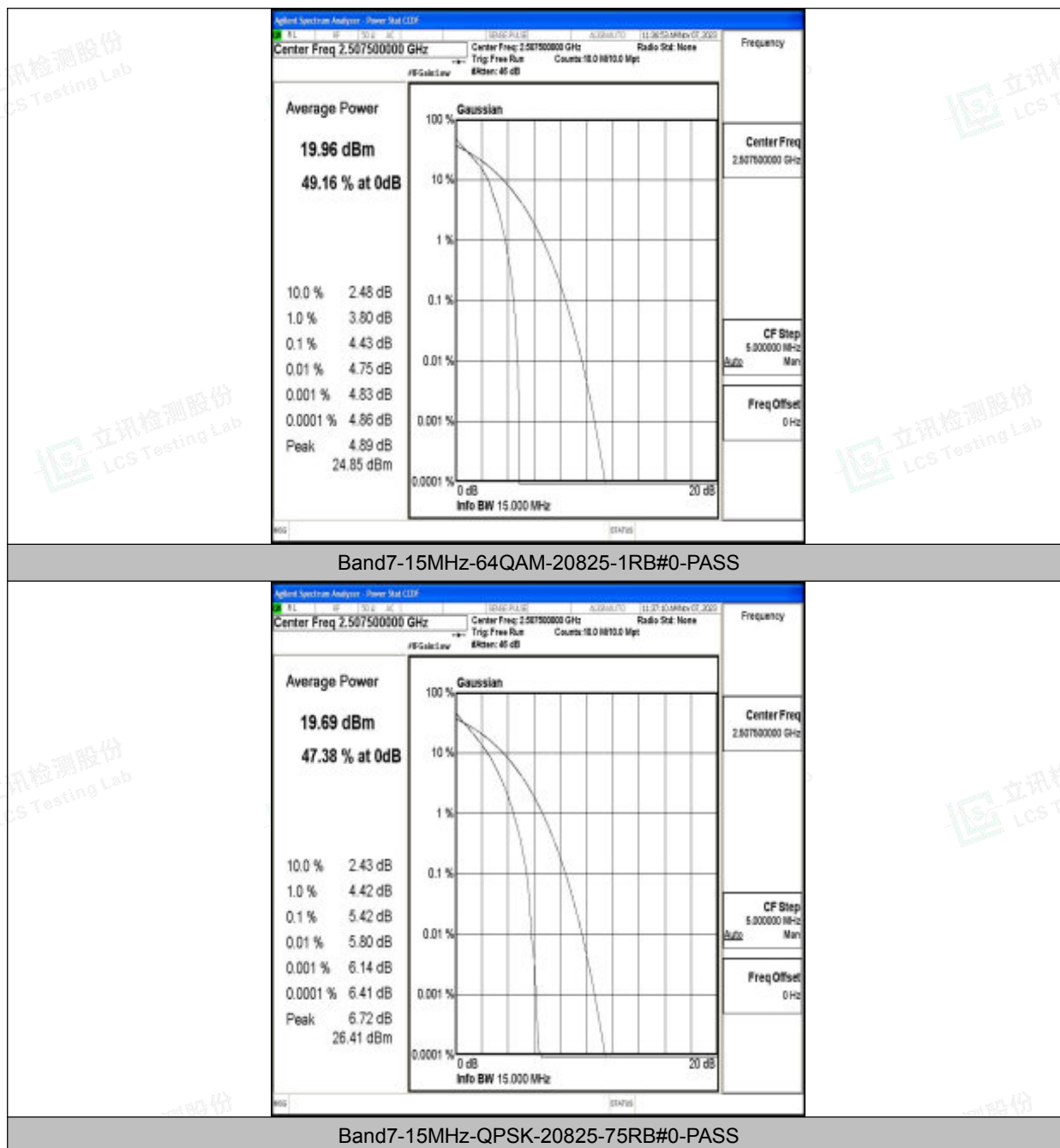


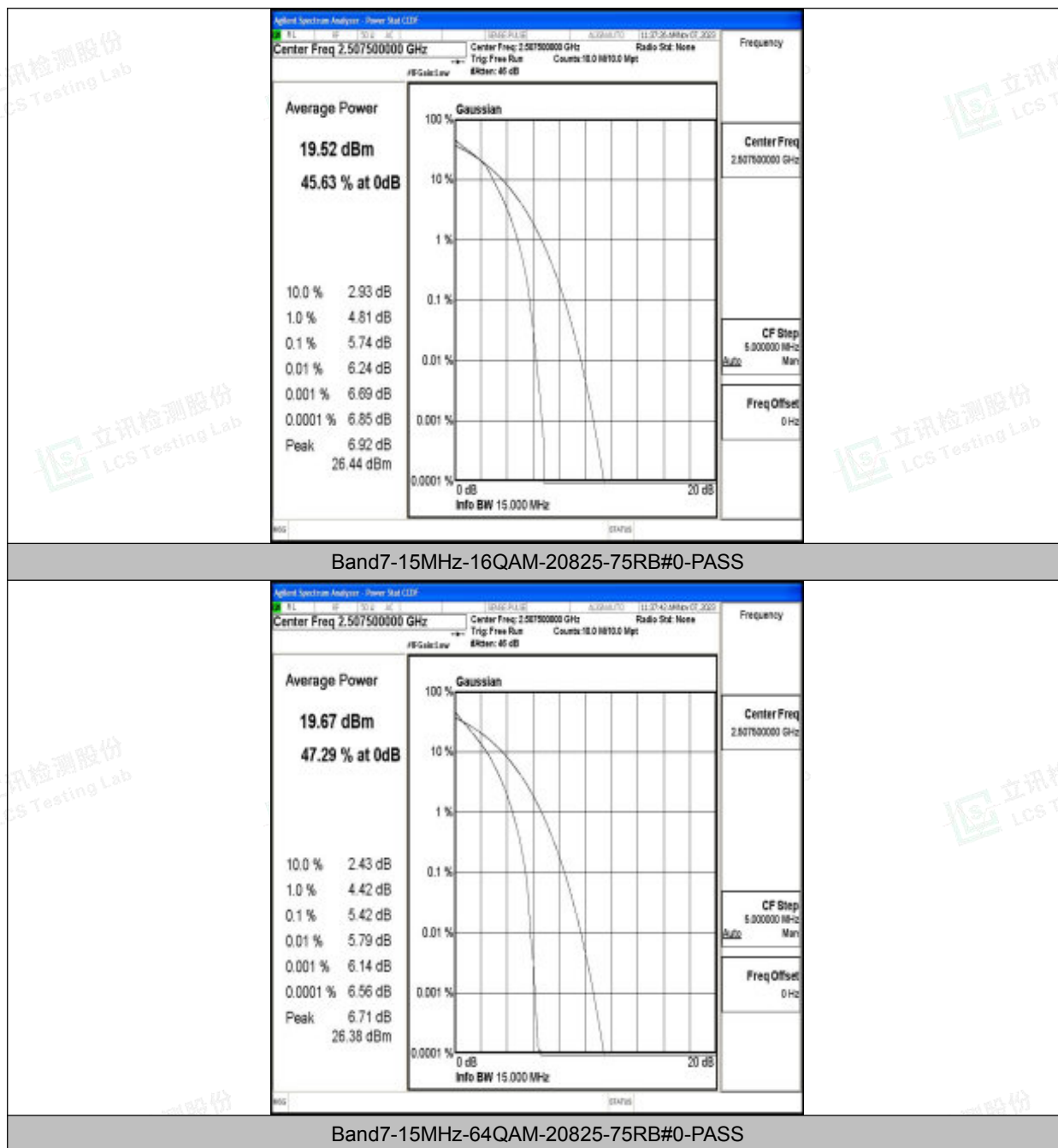


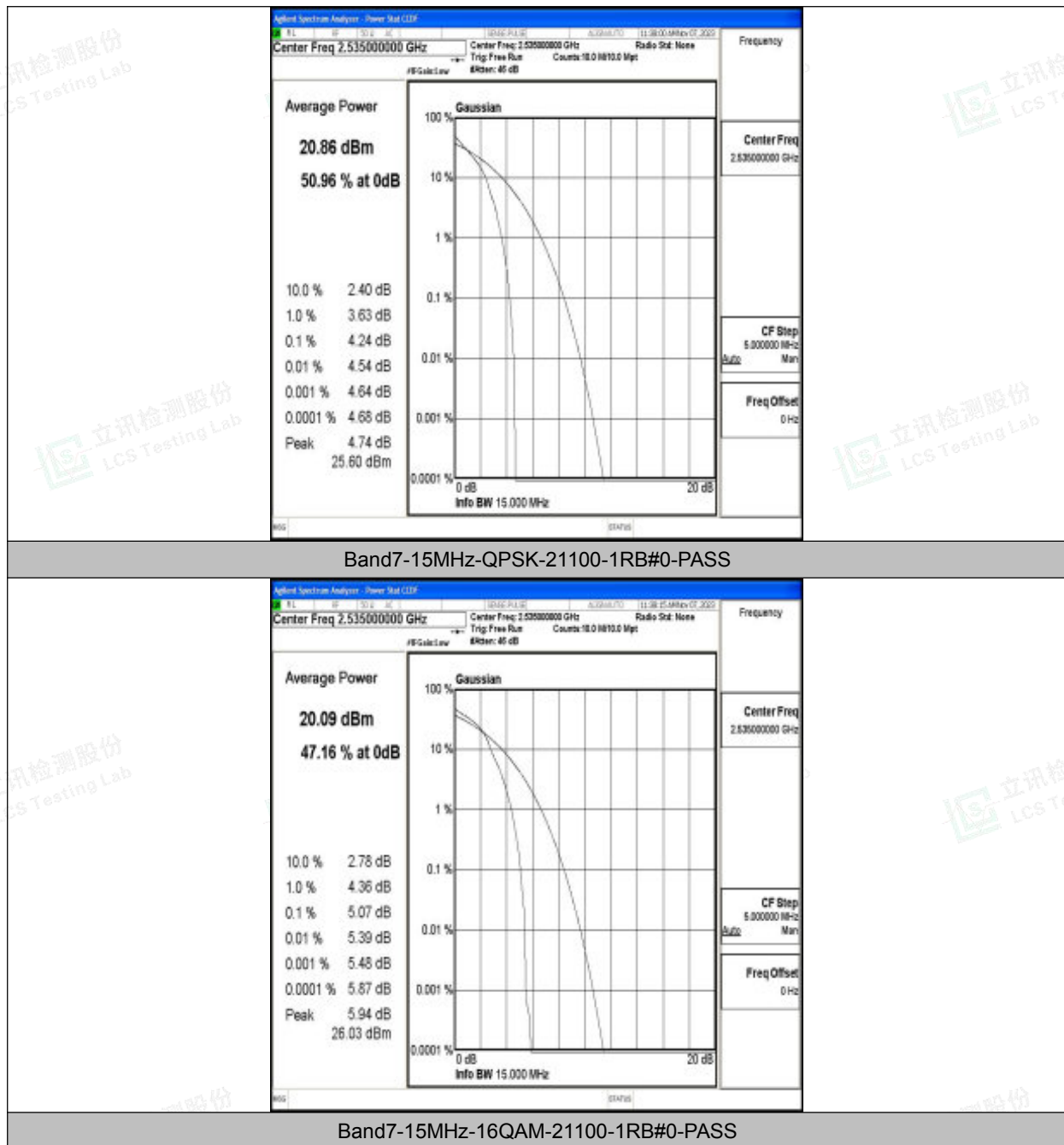


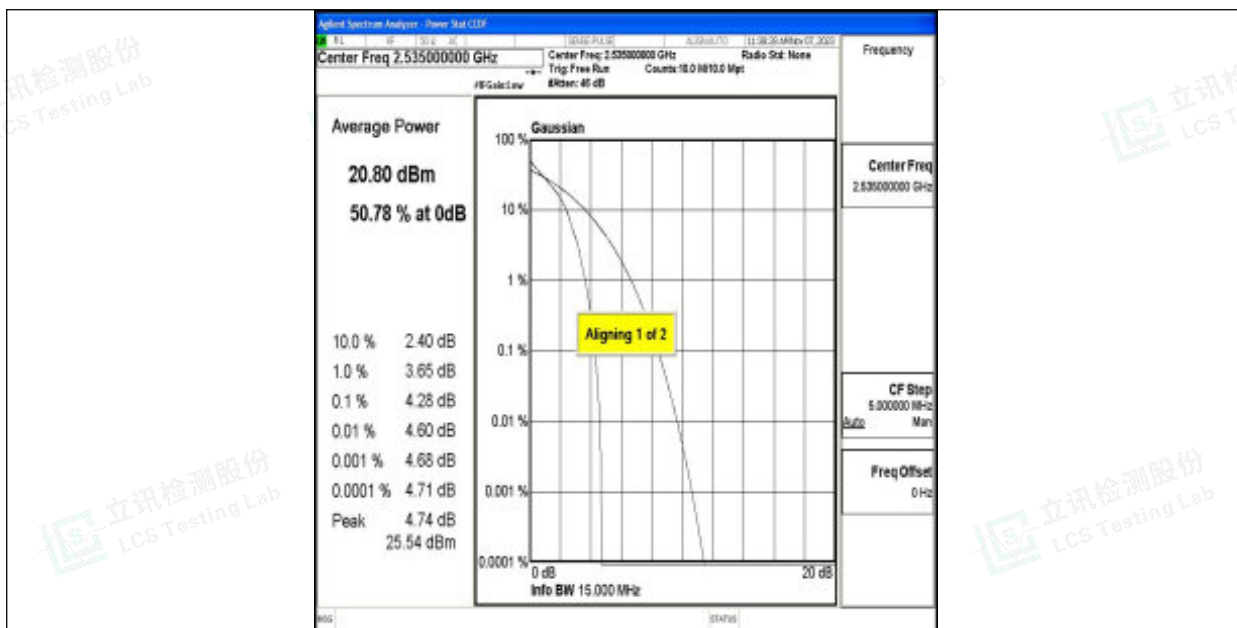




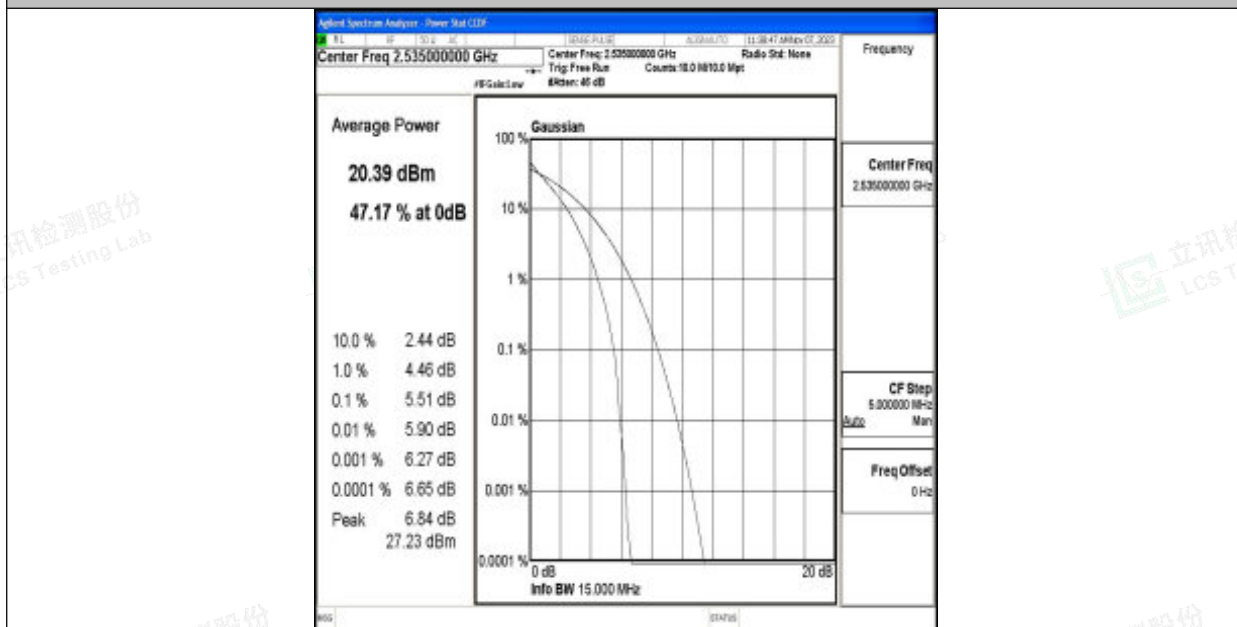






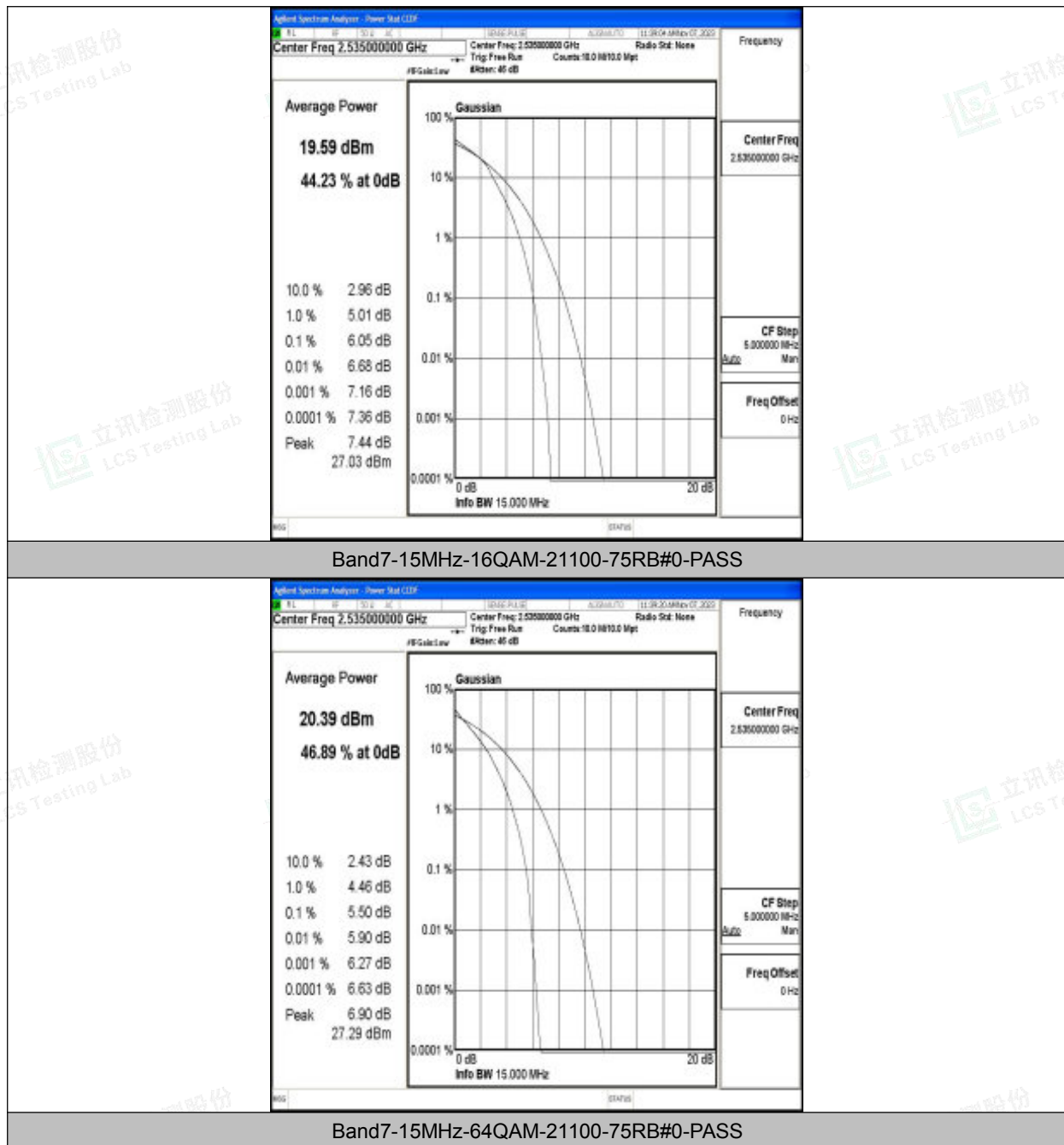


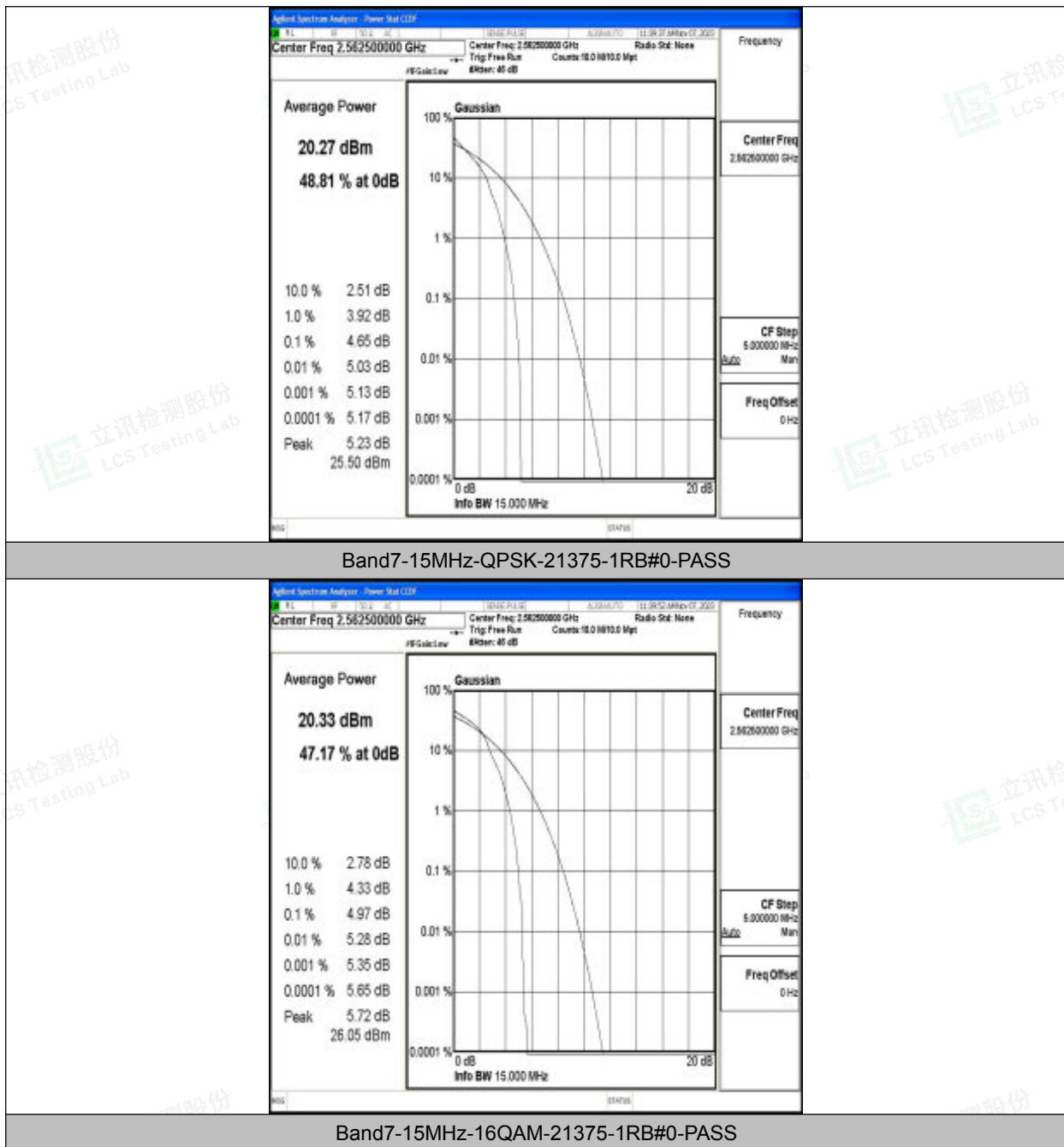
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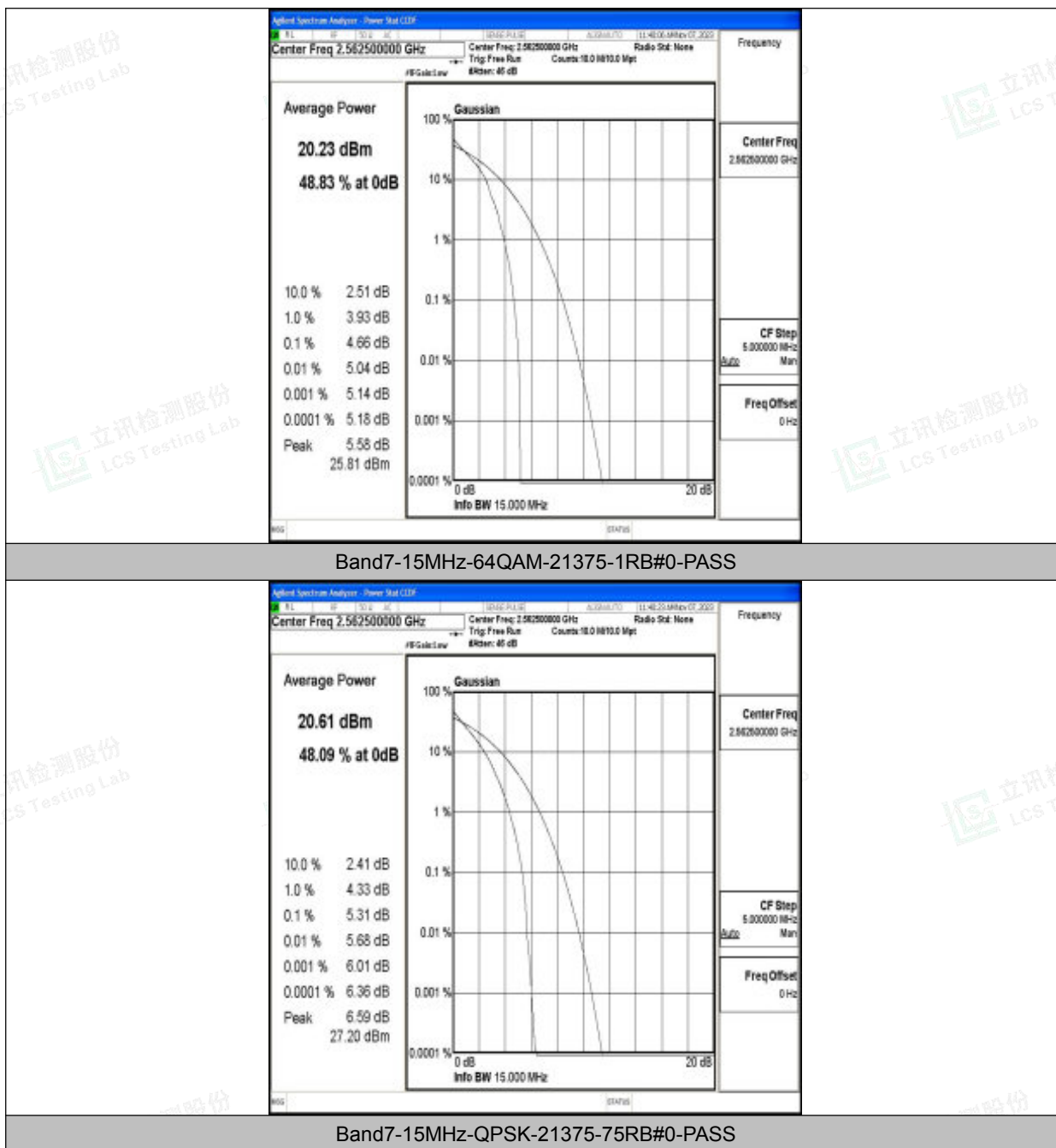


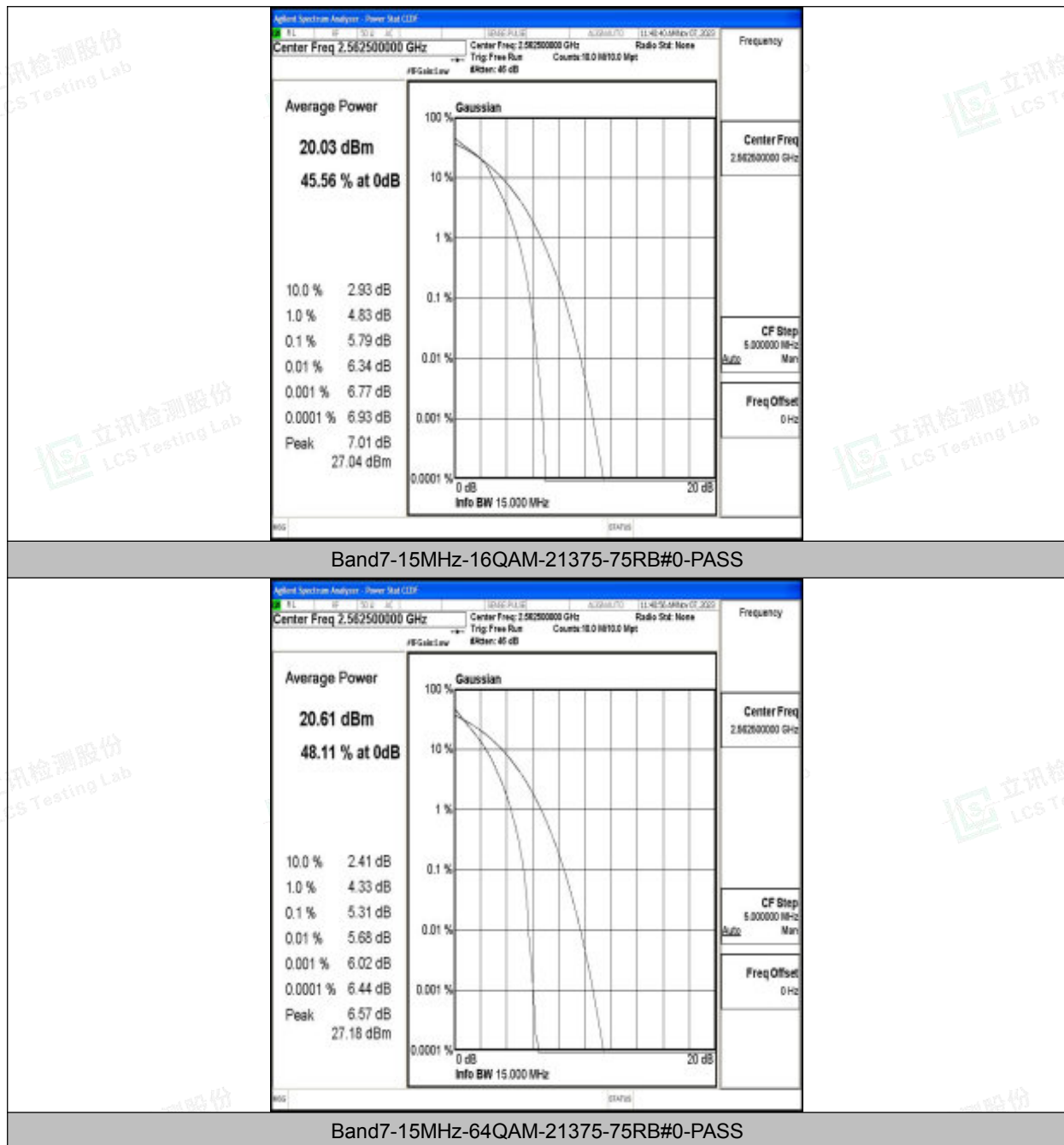
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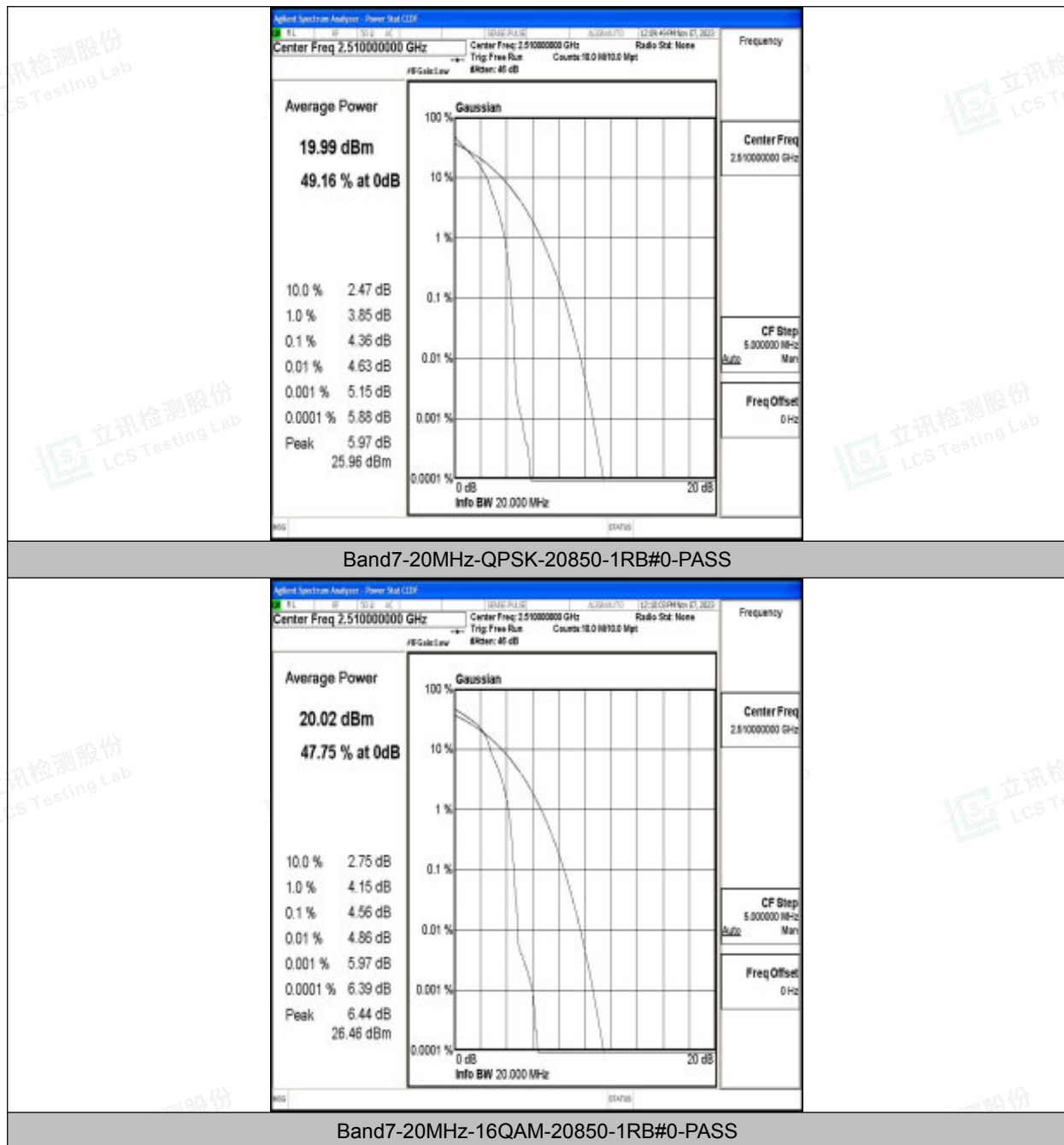


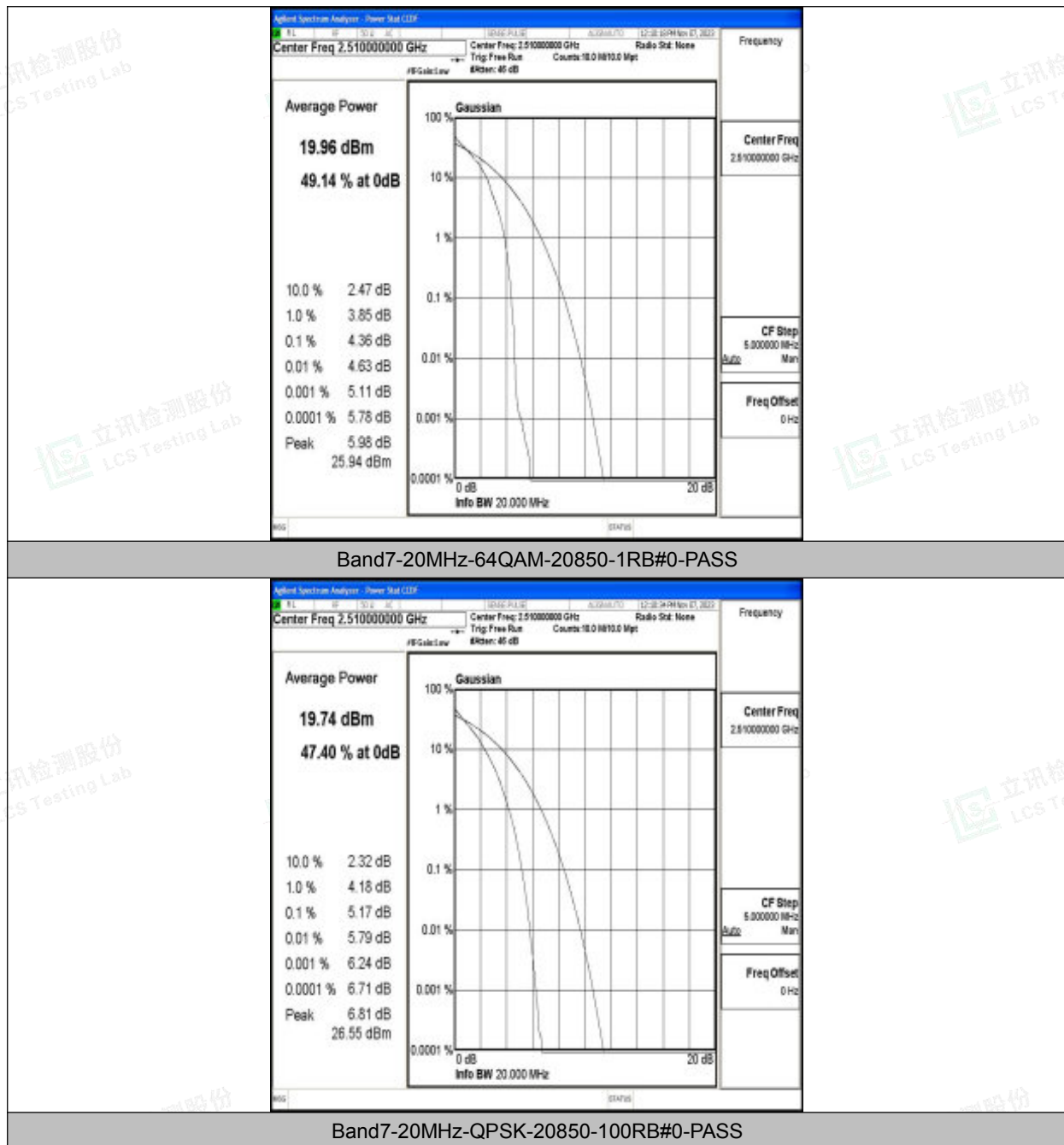


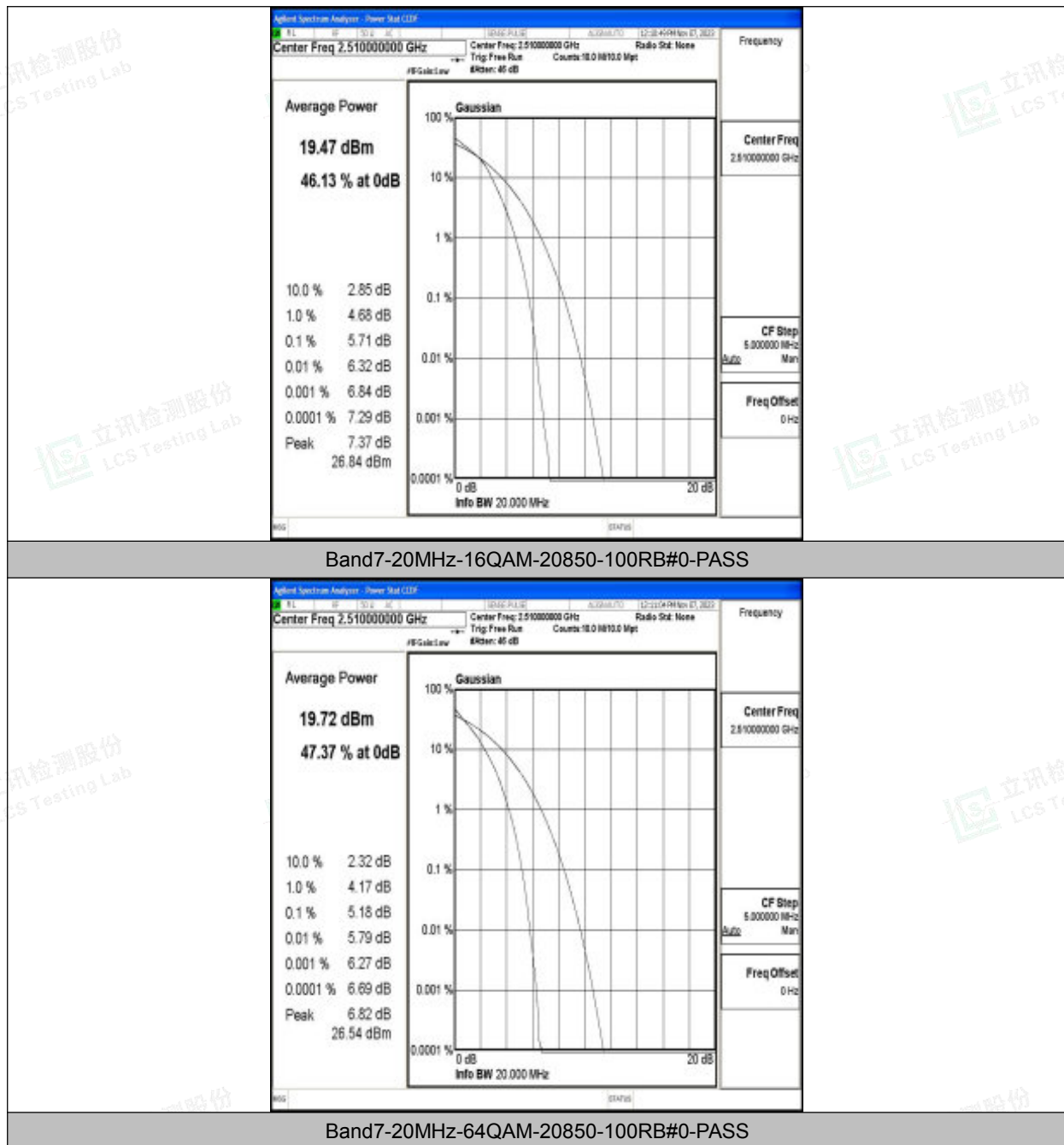


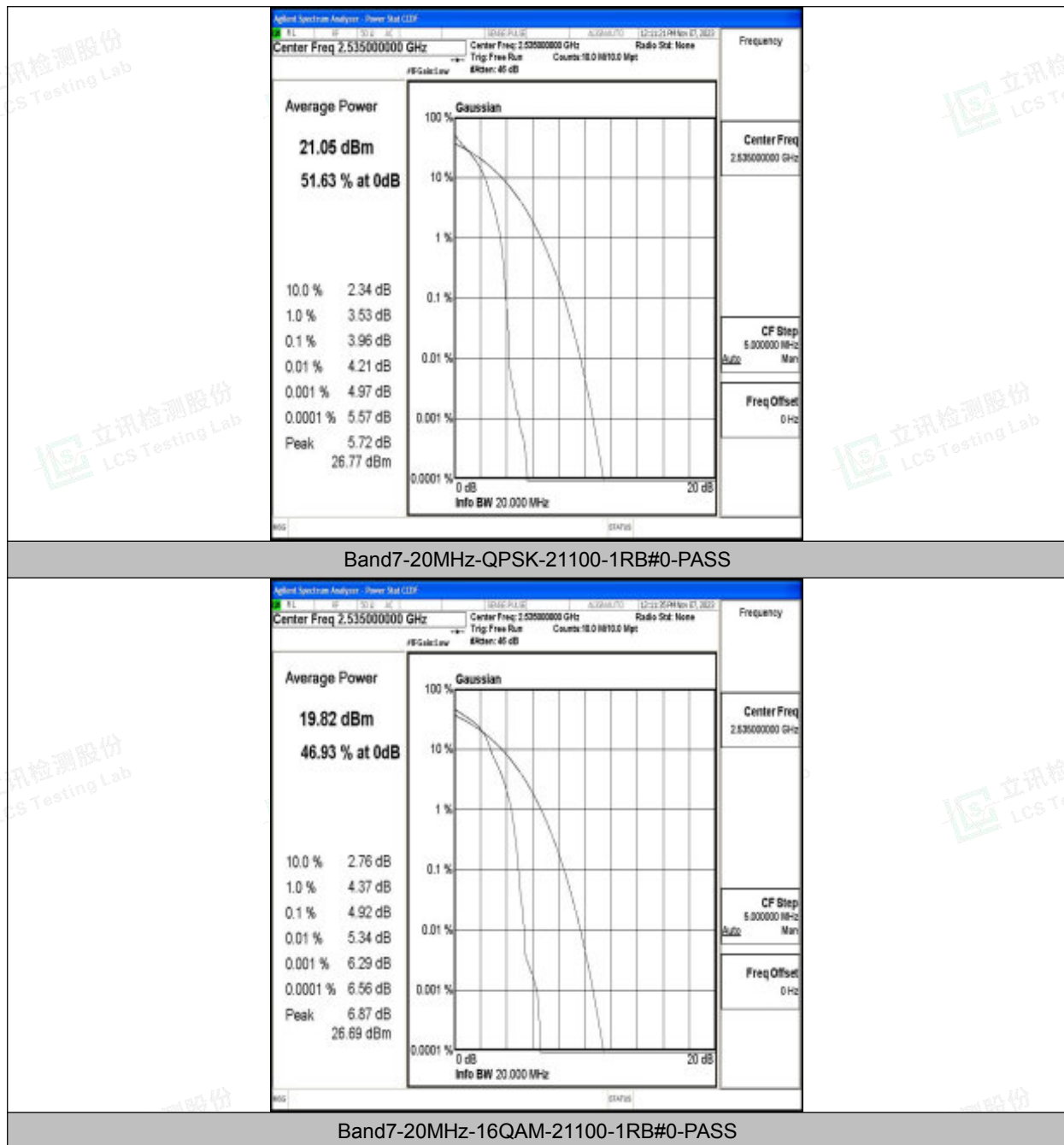


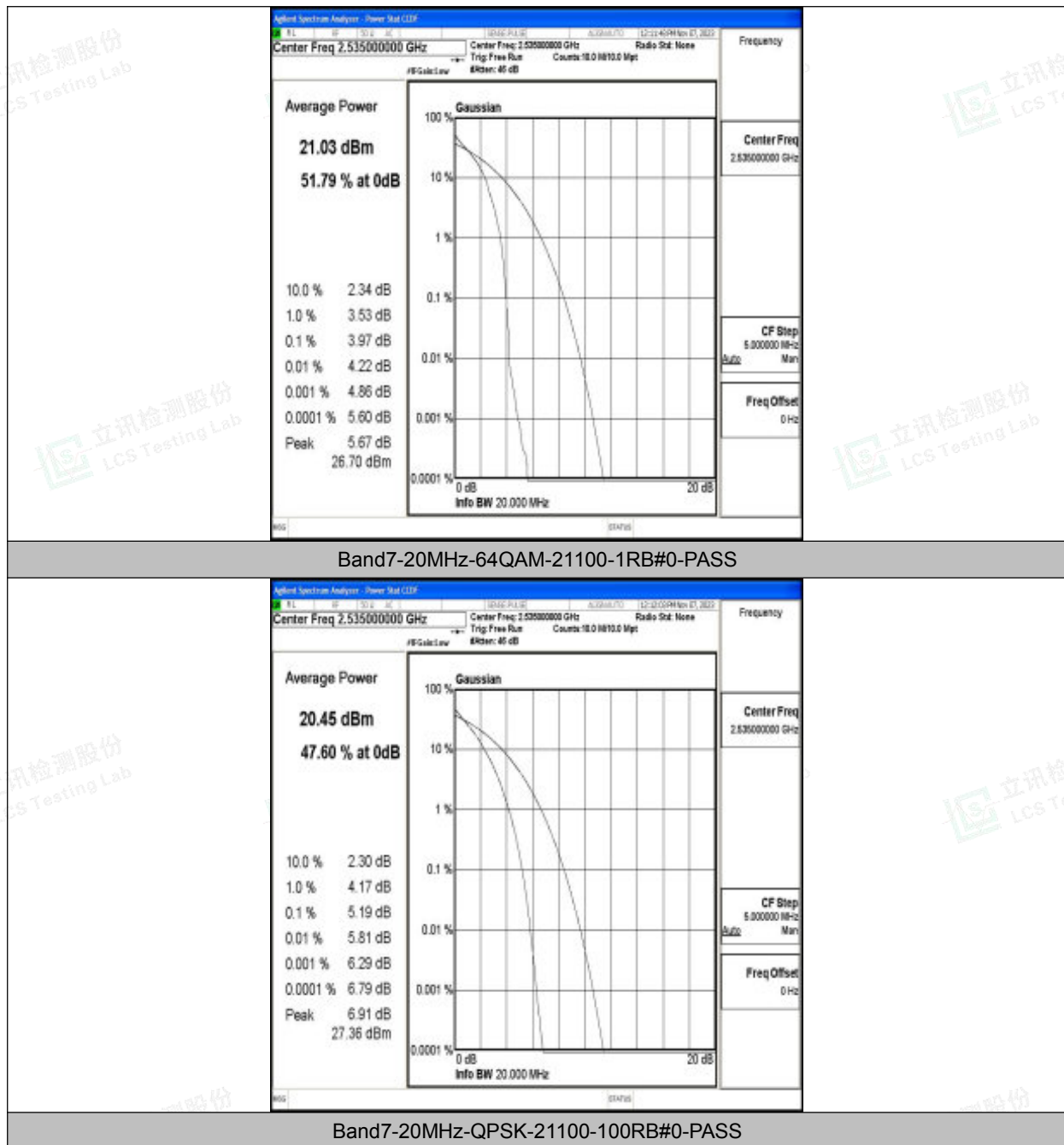


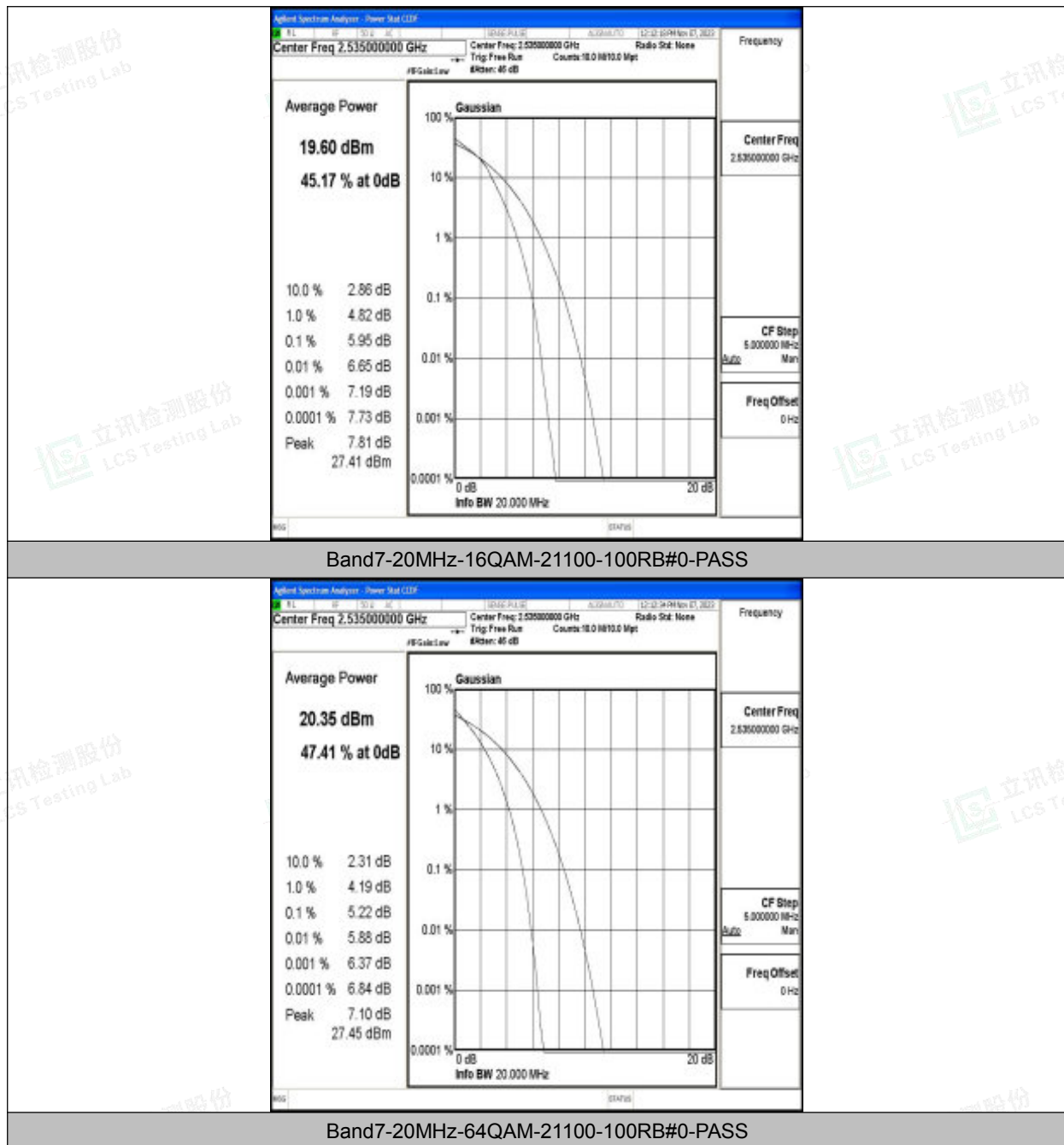


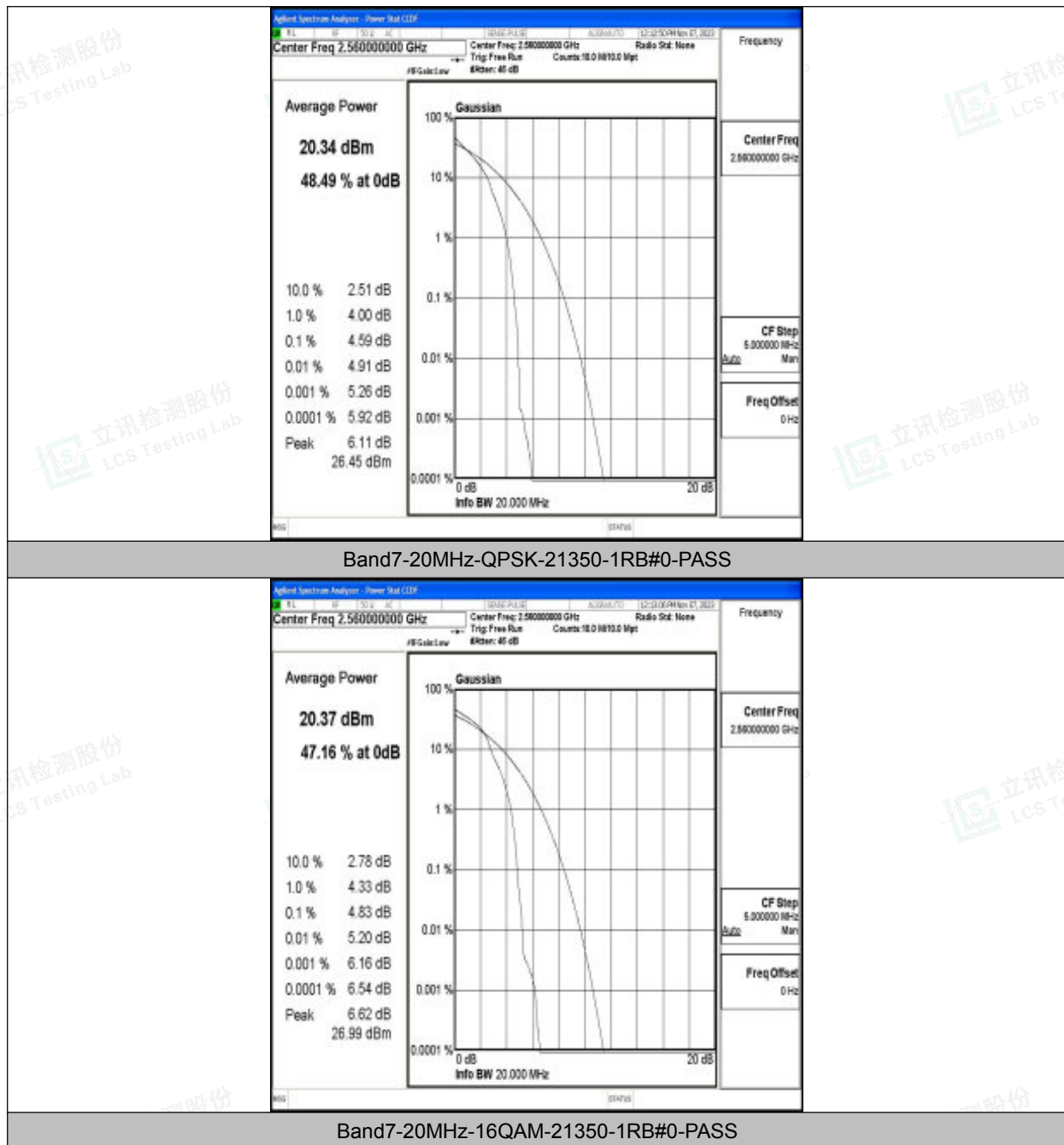


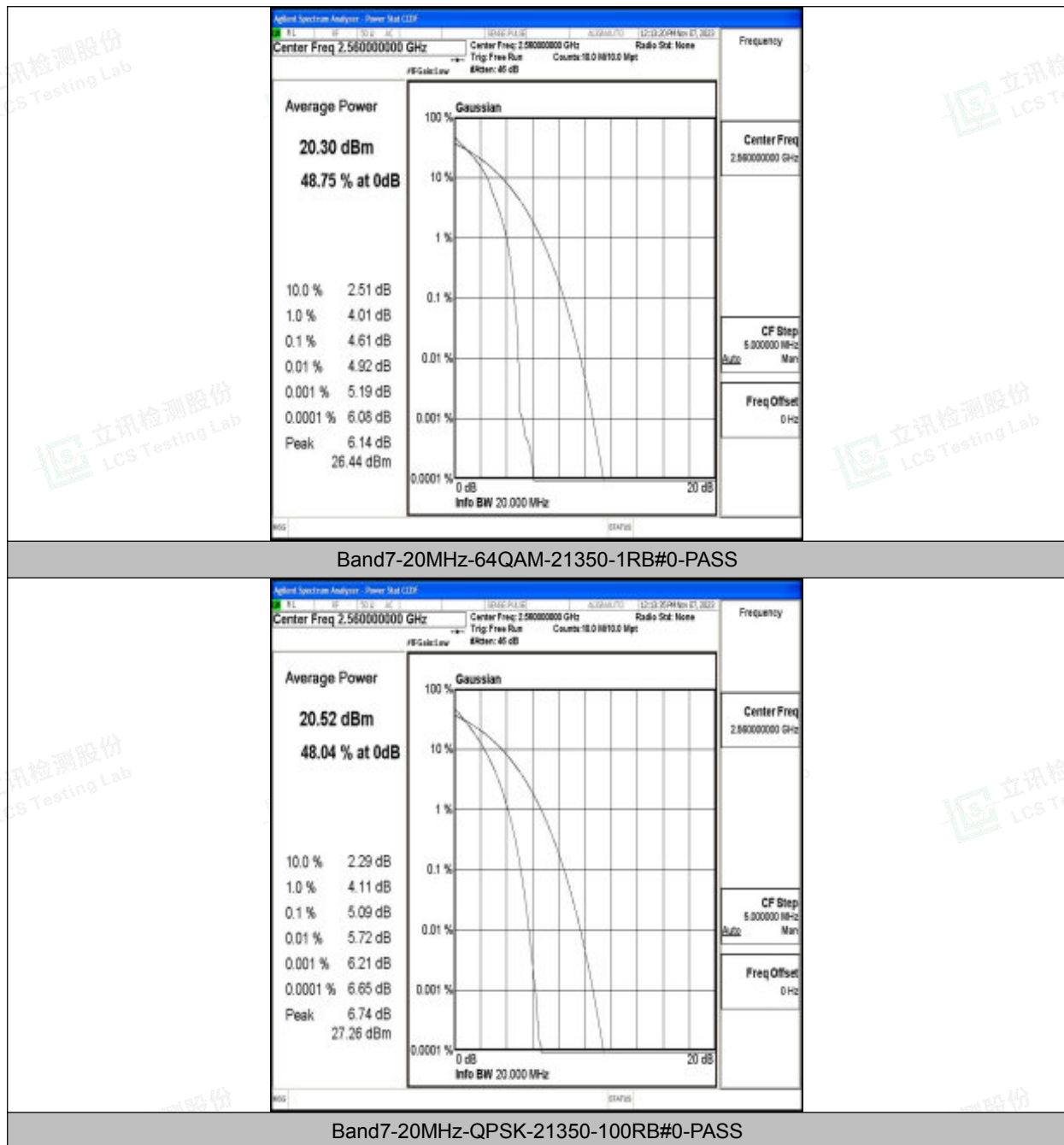


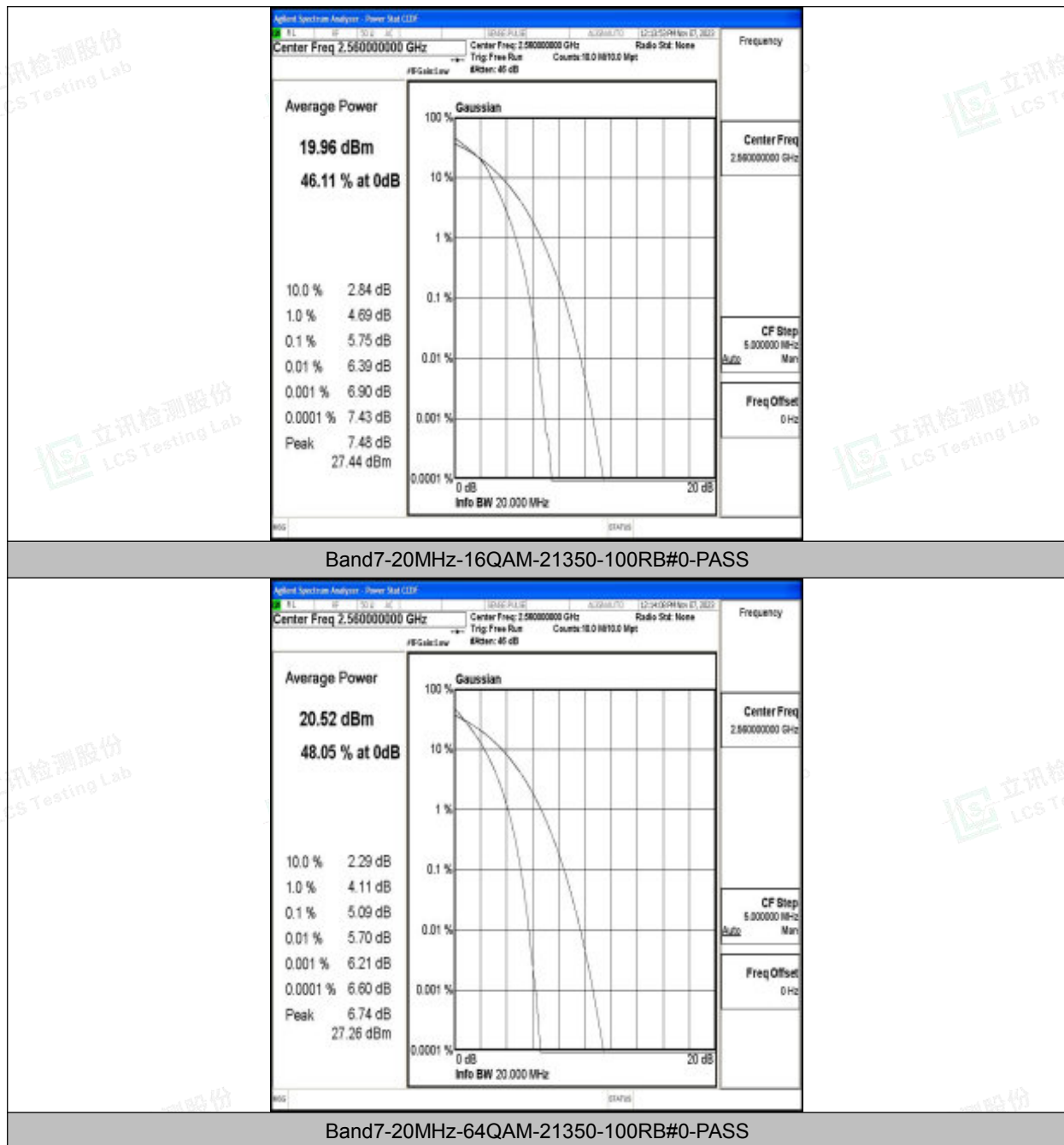












E.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5273	5.452	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5139	5.346	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.5273	5.365	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5150	5.285	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5271	5.282	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.5272	5.353	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5094	5.428	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5331	5.388	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.5154	5.464	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0118	10.23	PASS
Band7	10MHz	16QAM	20800	50RB#0	9.0150	10.31	PASS
Band7	10MHz	64QAM	20800	50RB#0	9.0115	10.10	PASS
Band7	10MHz	QPSK	21100	50RB#0	9.0083	10.21	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.0039	10.03	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.9977	10.11	PASS
Band7	10MHz	QPSK	21400	50RB#0	9.0060	10.16	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0230	10.43	PASS
Band7	10MHz	64QAM	21400	50RB#0	9.0094	10.20	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.519	15.47	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.521	15.23	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.517	15.41	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.488	15.32	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.483	14.91	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.518	15.45	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.522	15.46	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.512	14.92	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.524	15.65	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.020	19.95	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.033	20.36	PASS
Band7	20MHz	64QAM	20850	100RB#0	18.040	19.94	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.000	19.82	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.032	20.24	PASS
Band7	20MHz	64QAM	21100	100RB#0	18.002	19.94	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.070	20.05	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.024	20.11	PASS



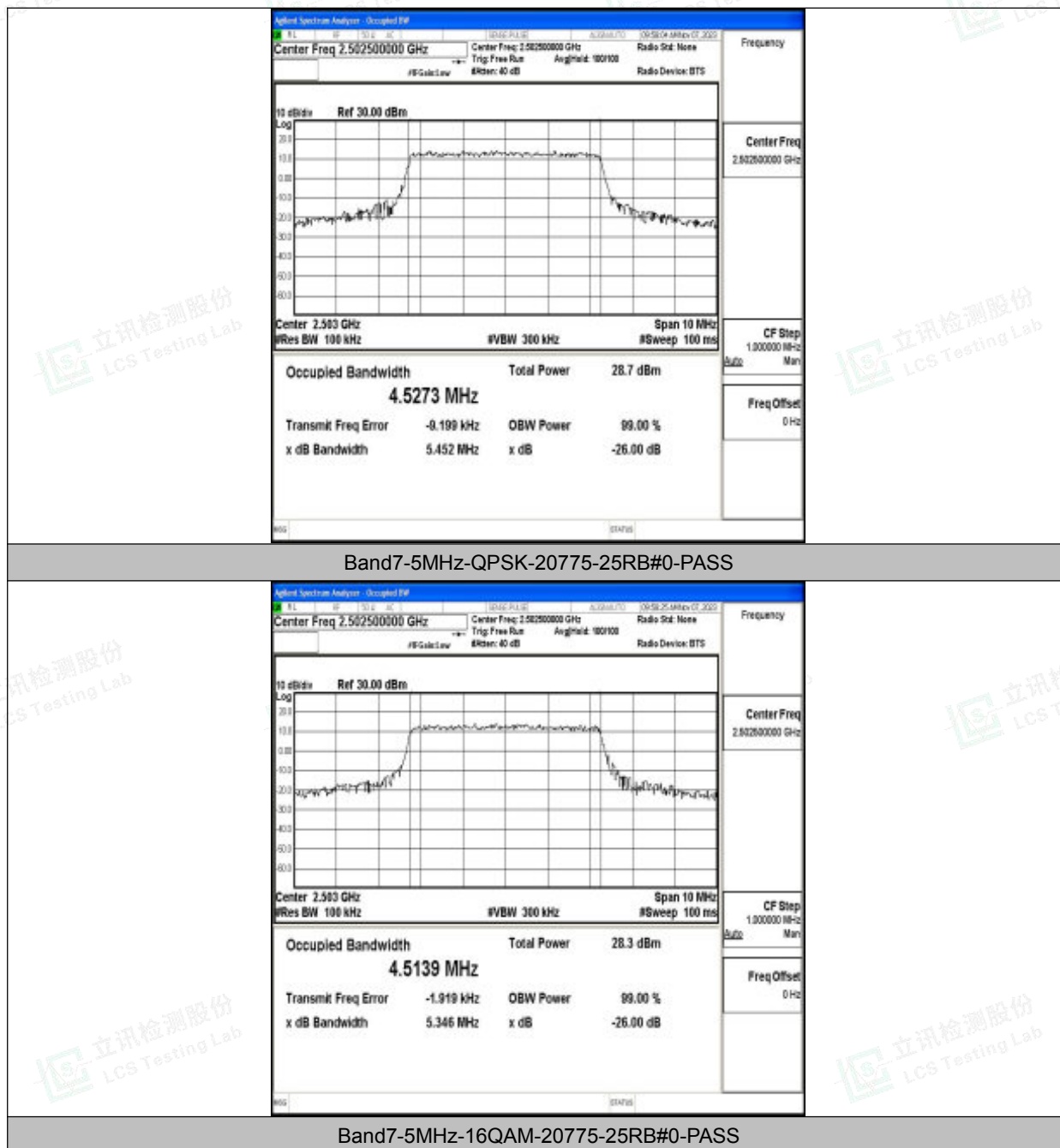


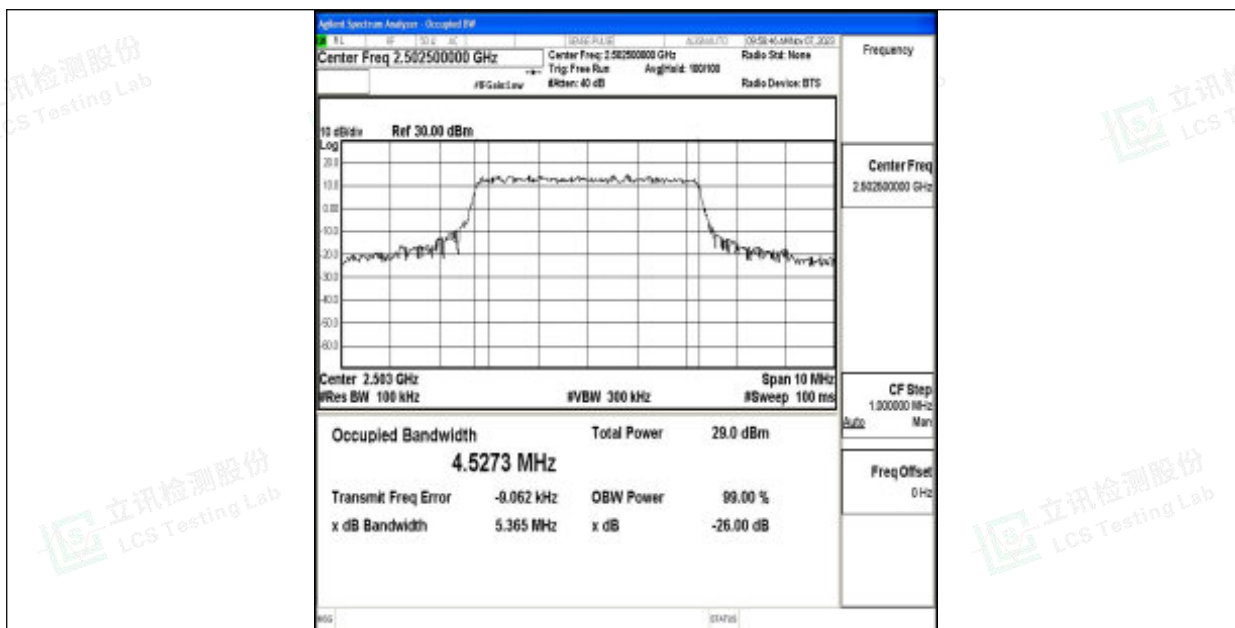
LCSA14103200EE

Band7	20MHz	64QAM	21350	100RB#0	18.030	20.04	PASS
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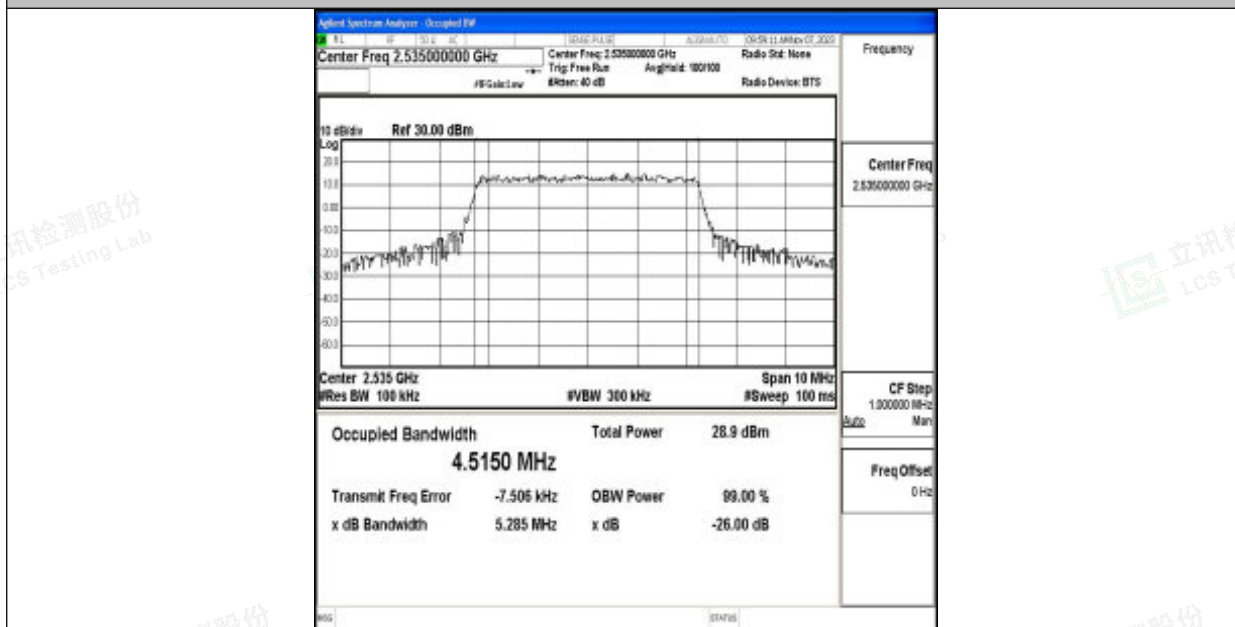


Test Graphs



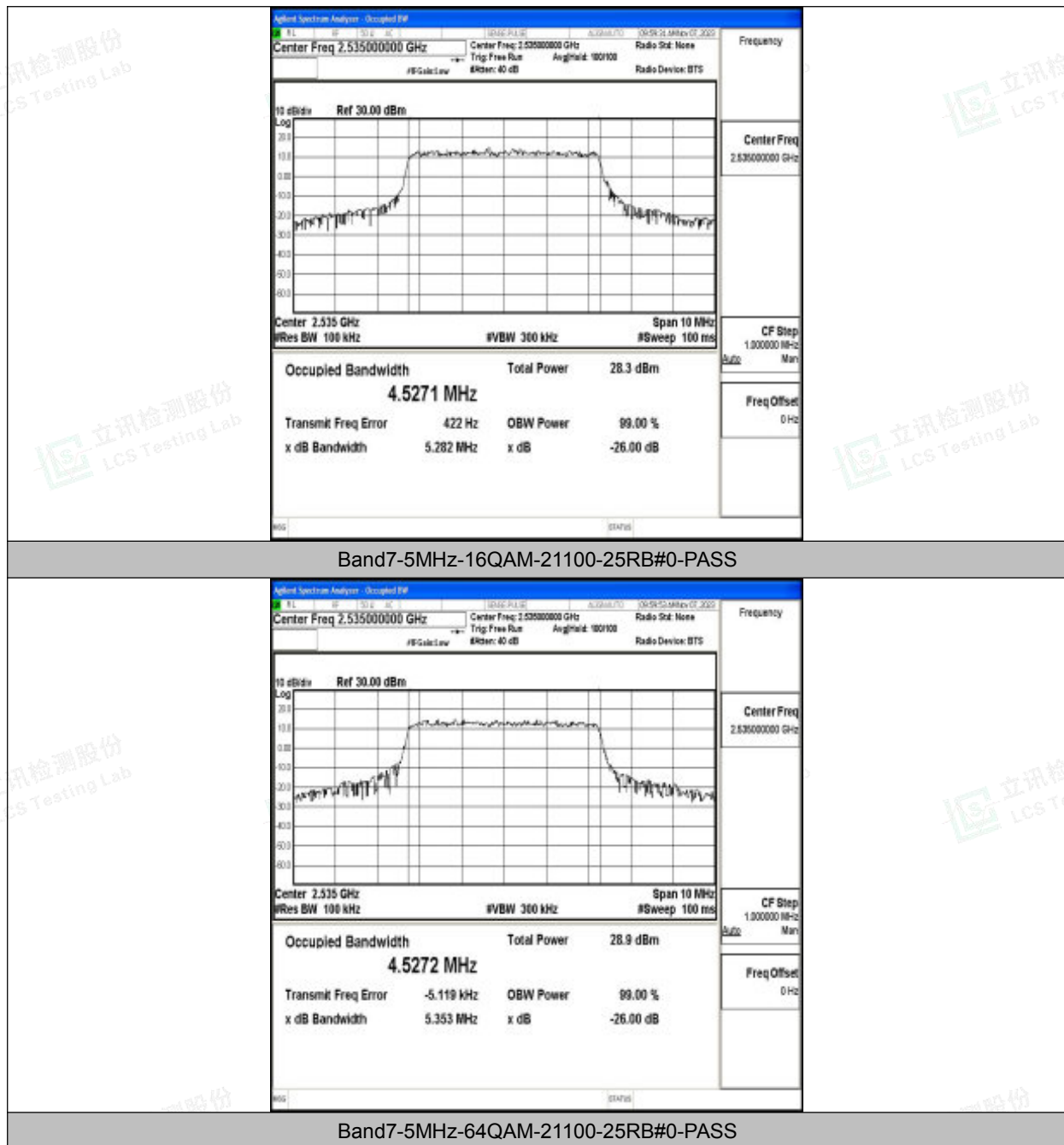


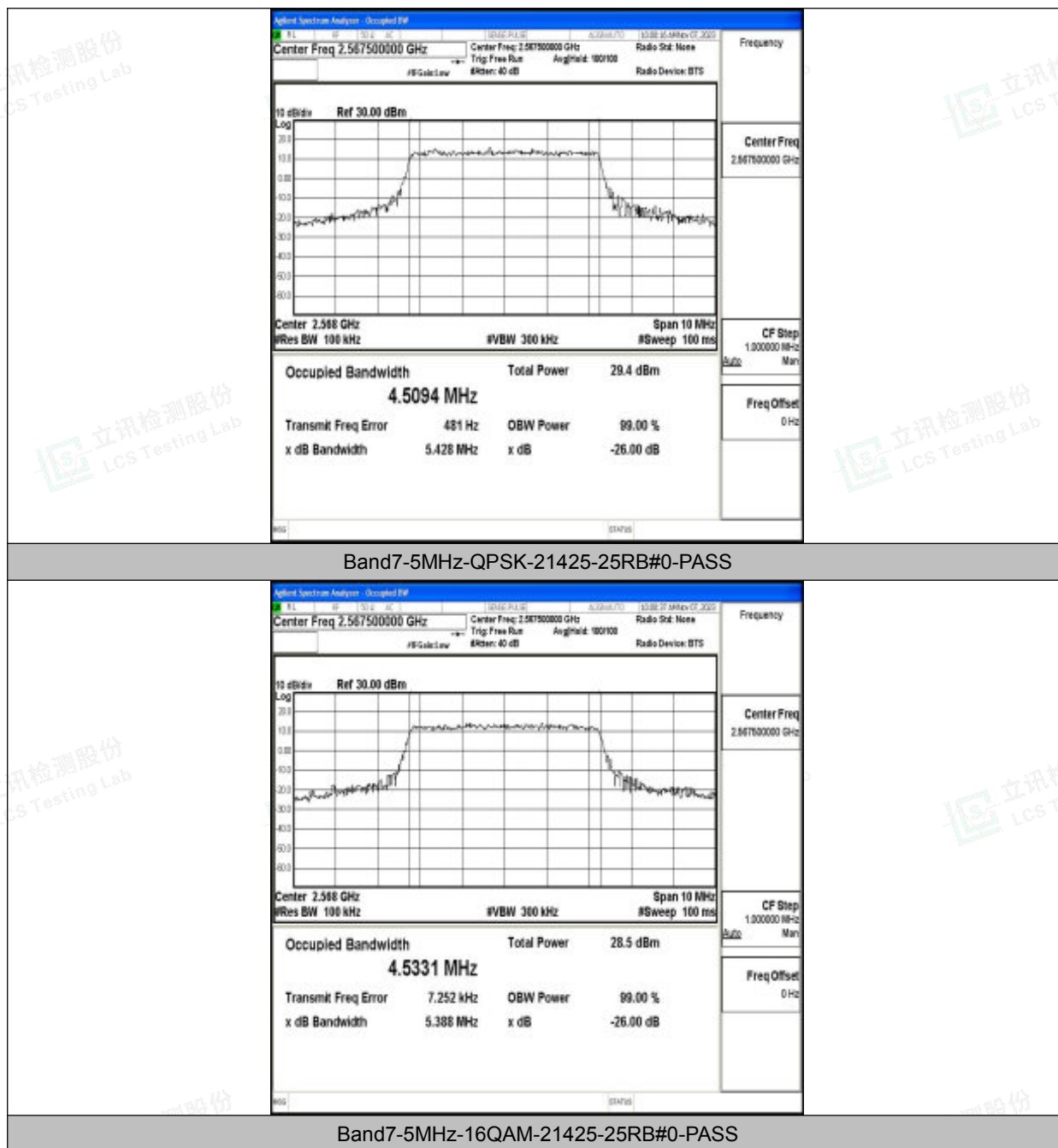
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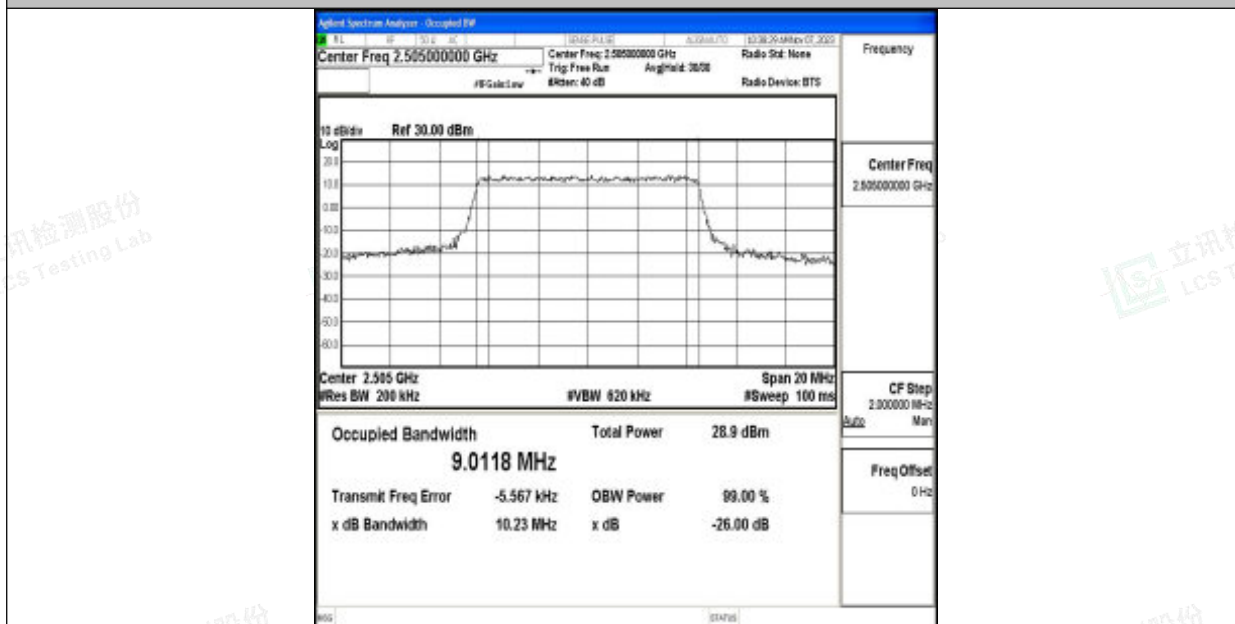
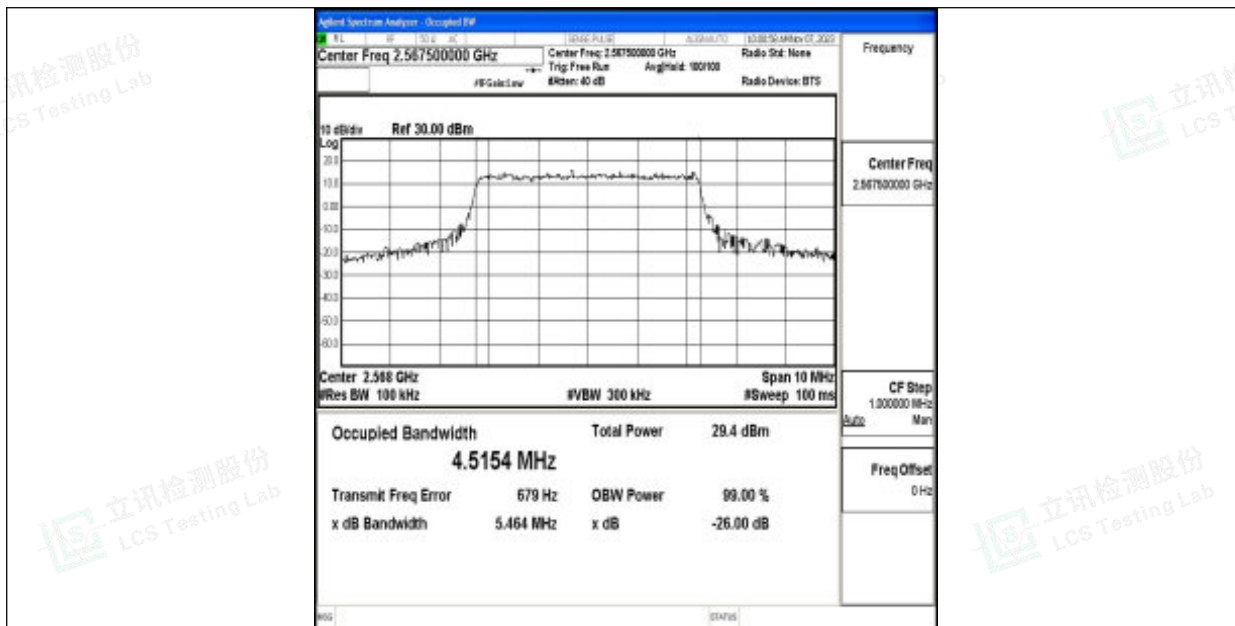


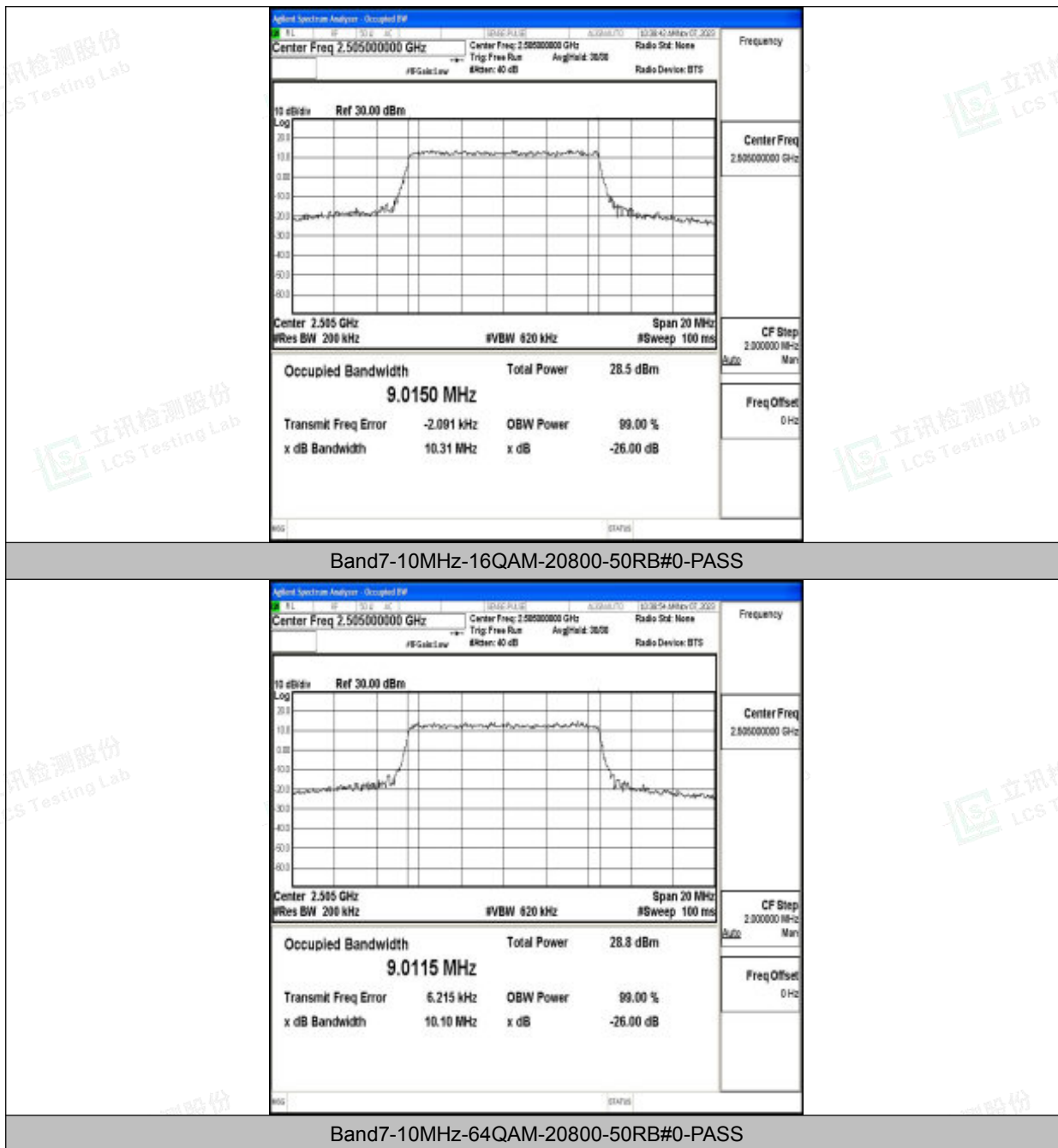
Band7-5MHz-QPSK-21100-25RB#0-PASS

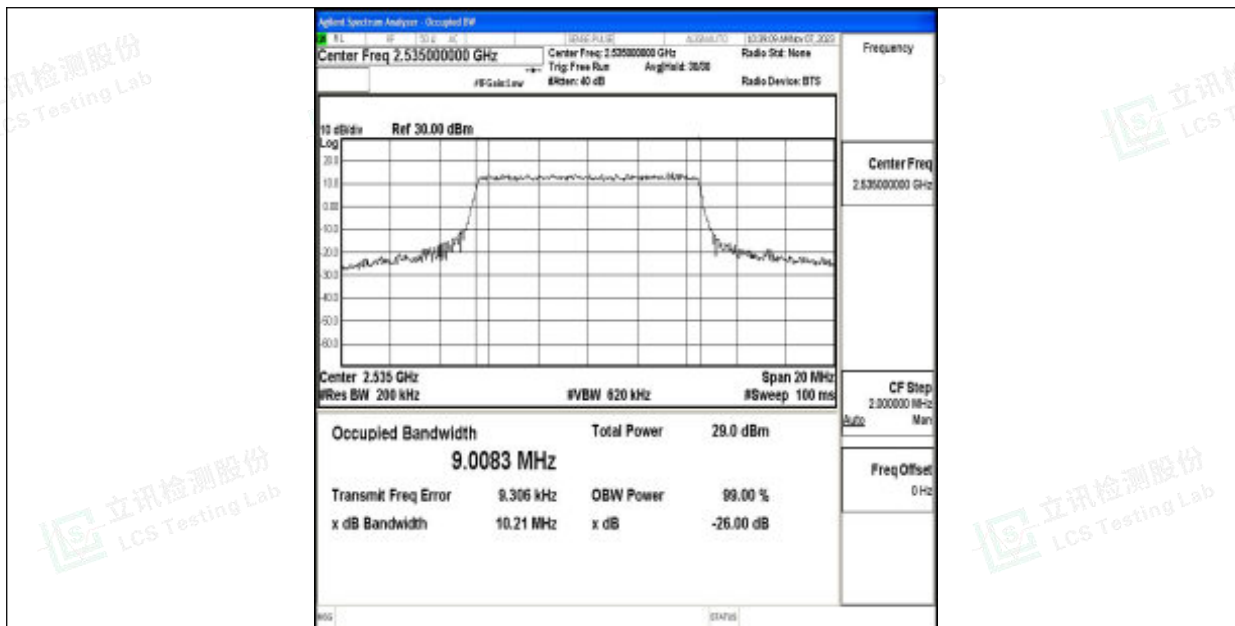




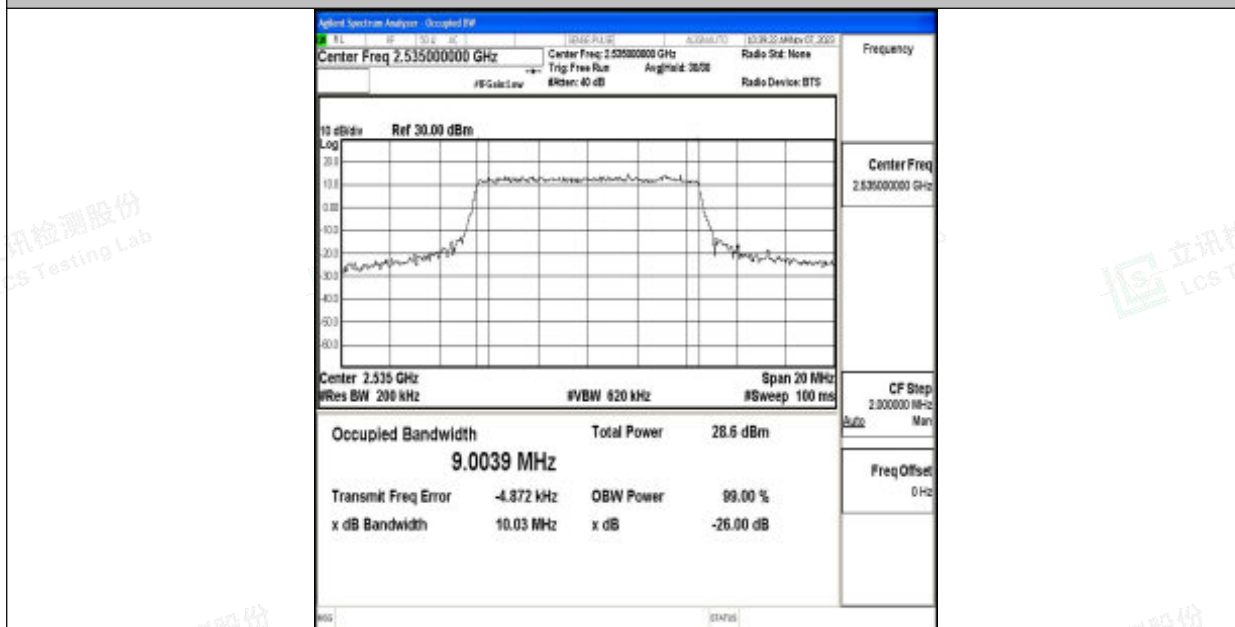






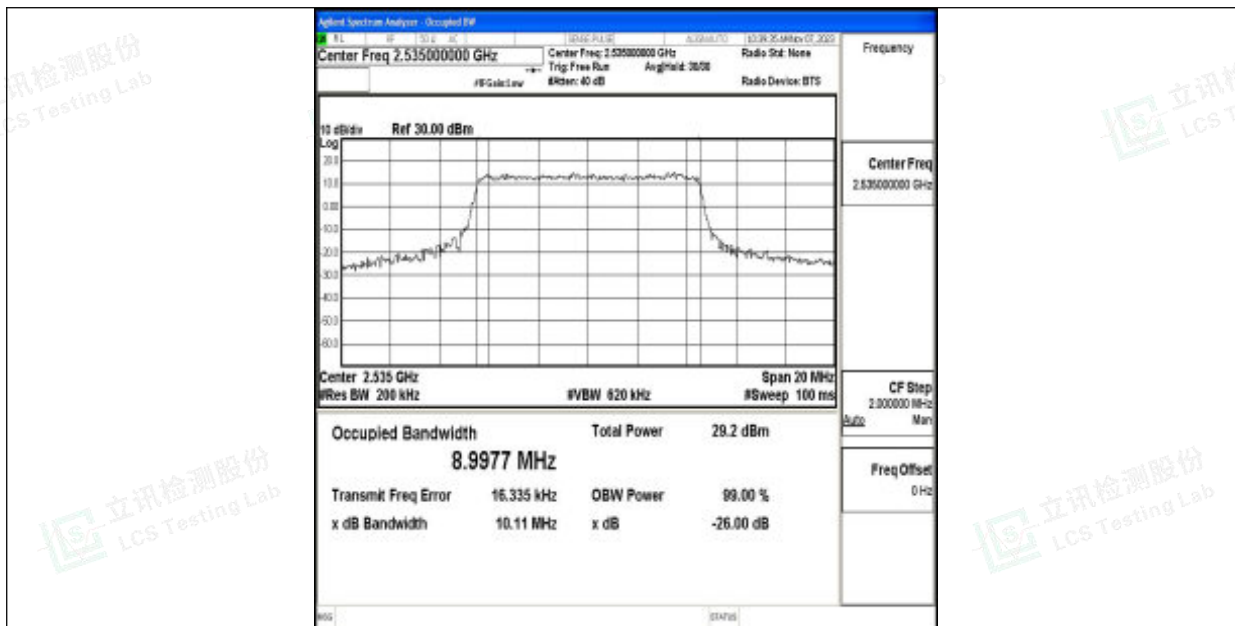


Band7-10MHz-QPSK-21100-50RB#0-PASS

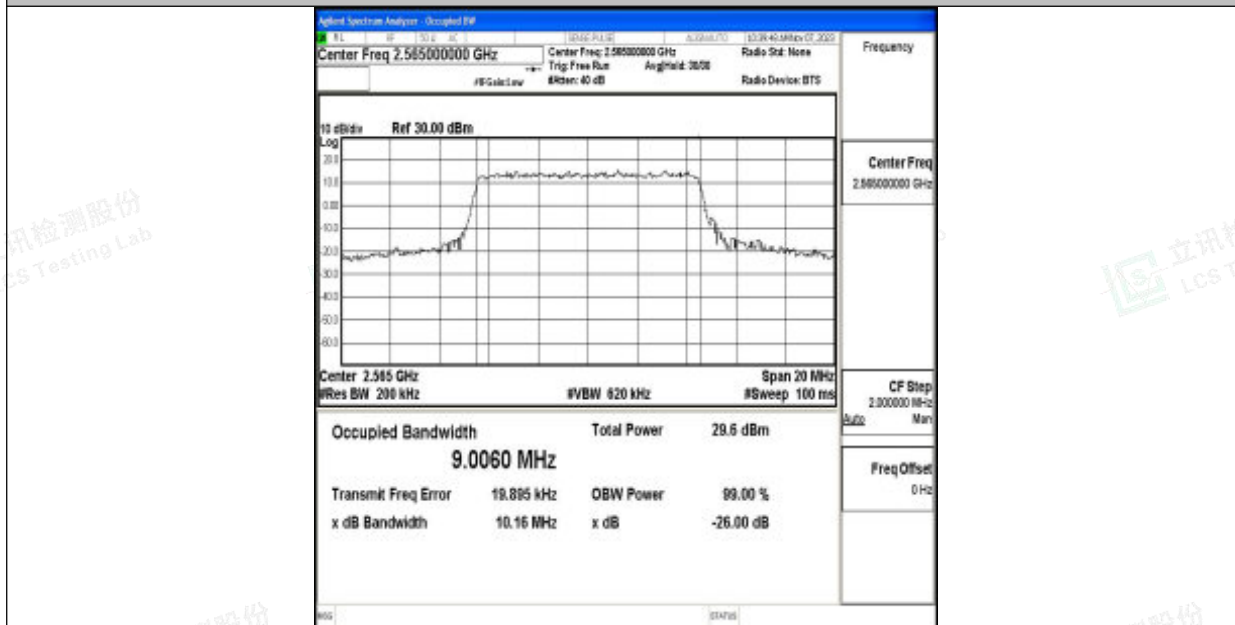


Band7-10MHz-16QAM-21100-50RB#0-PASS



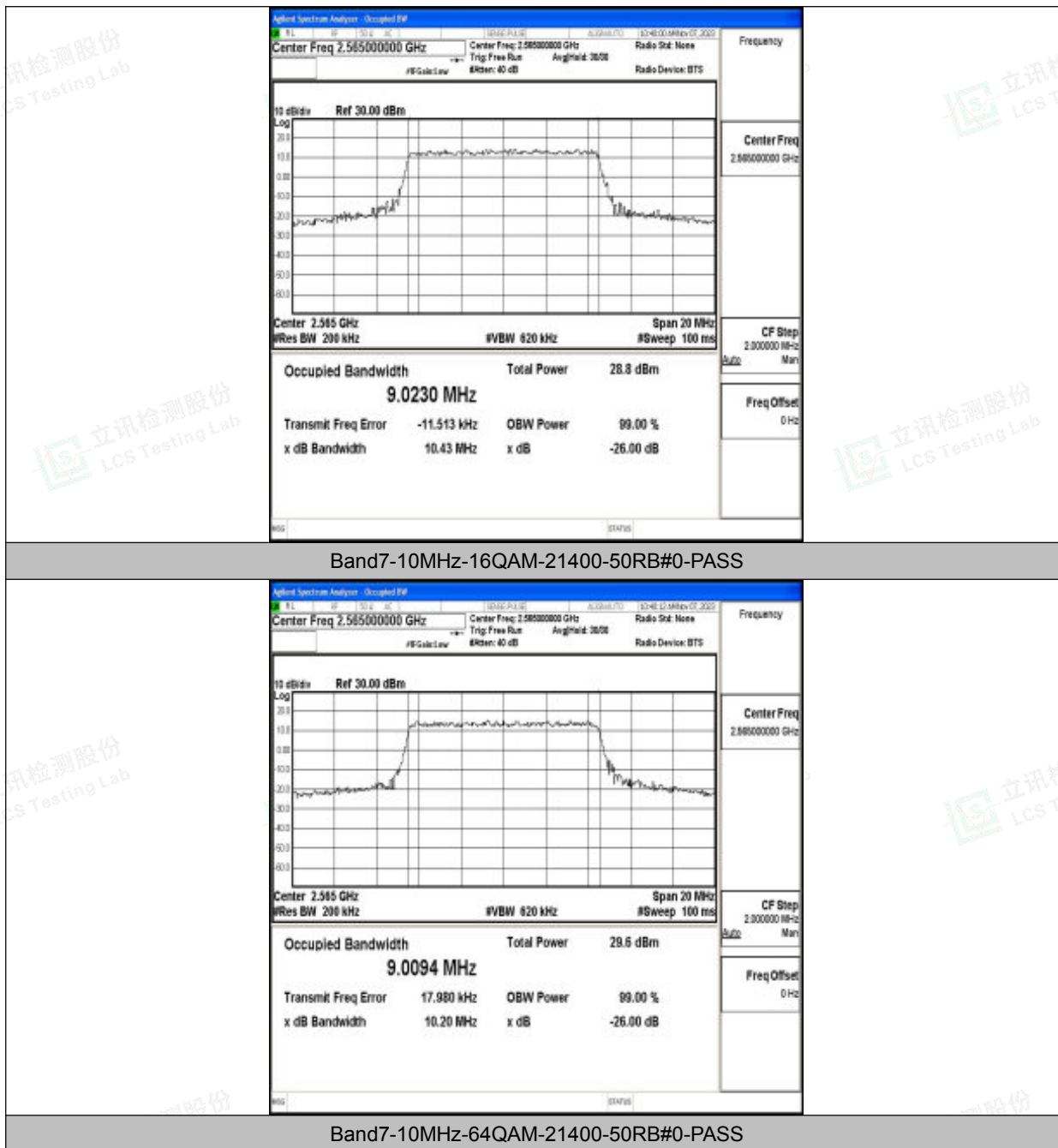


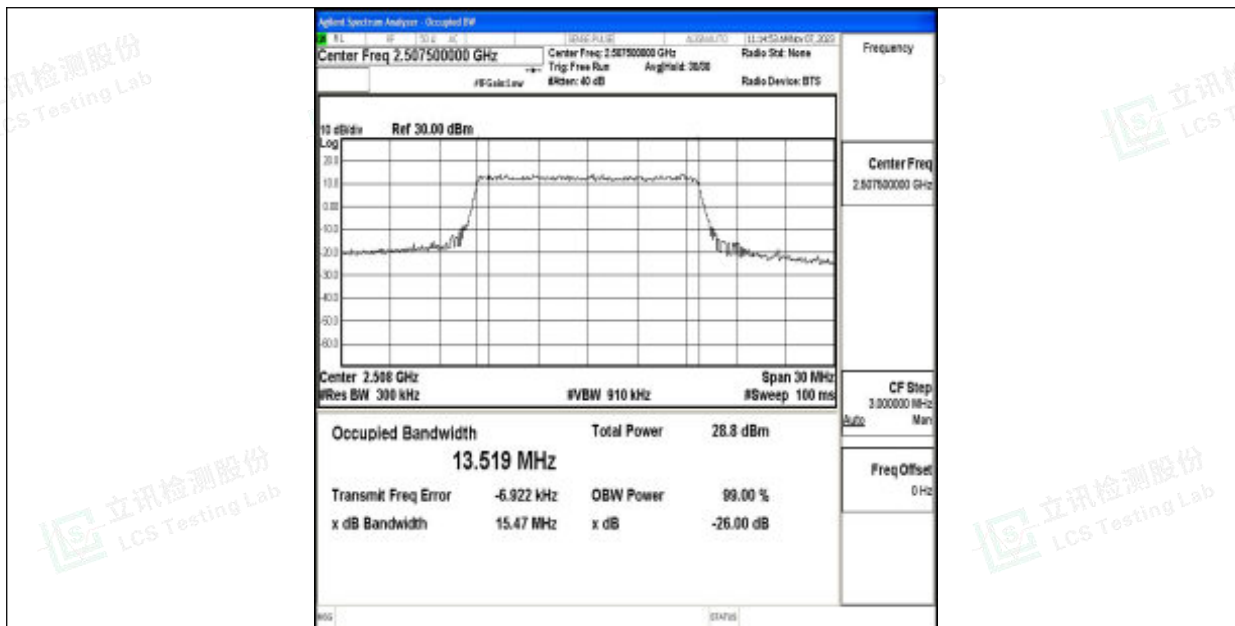
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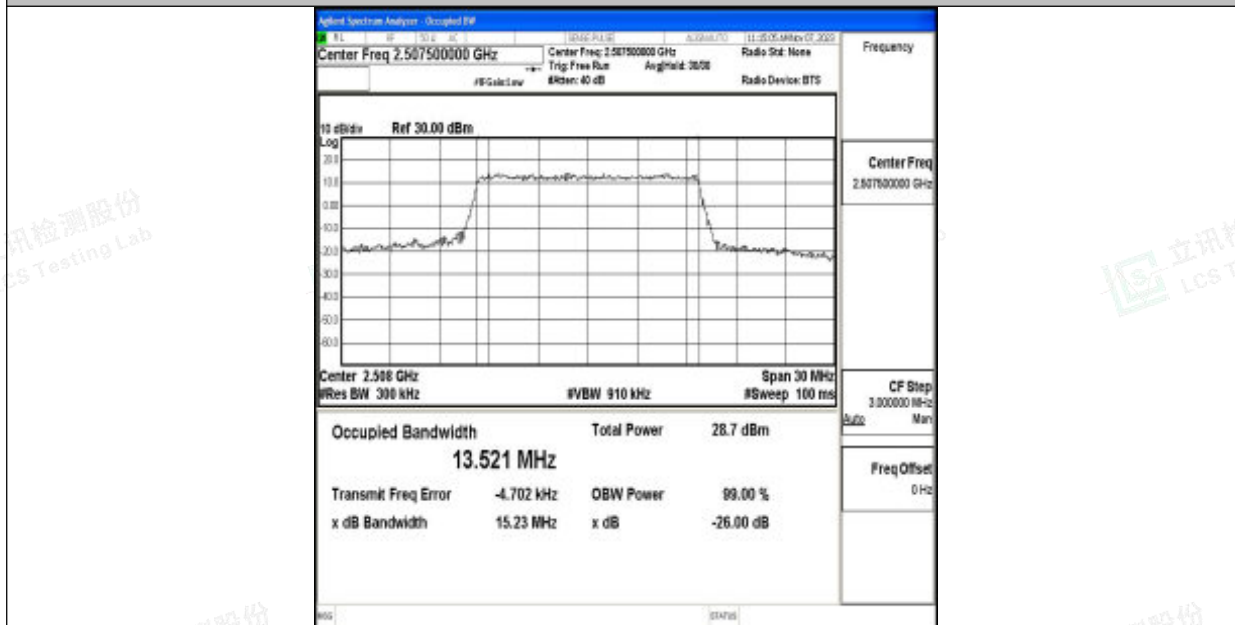
Band7-10MHz-QPSK-21400-50RB#0-PASS





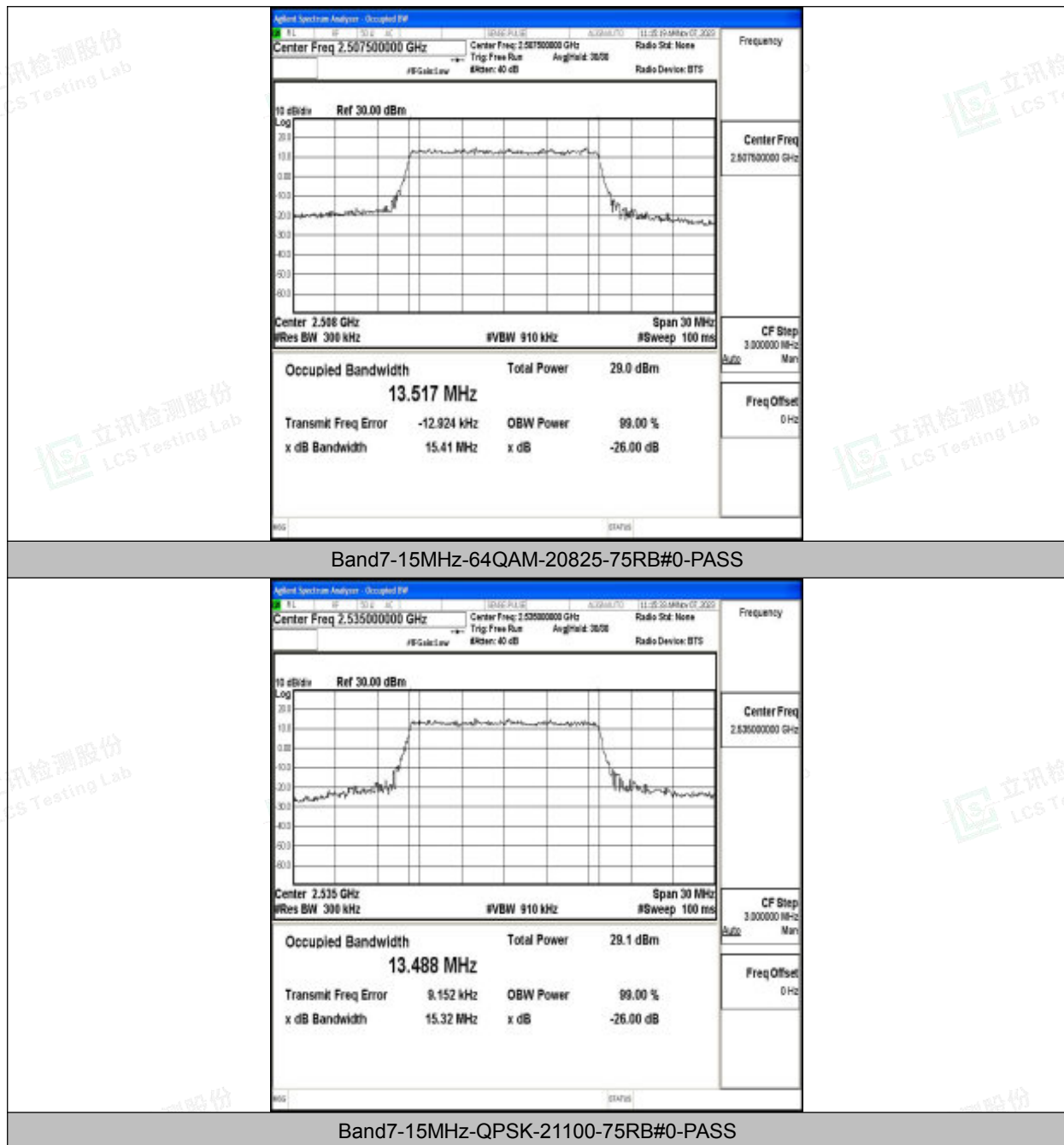


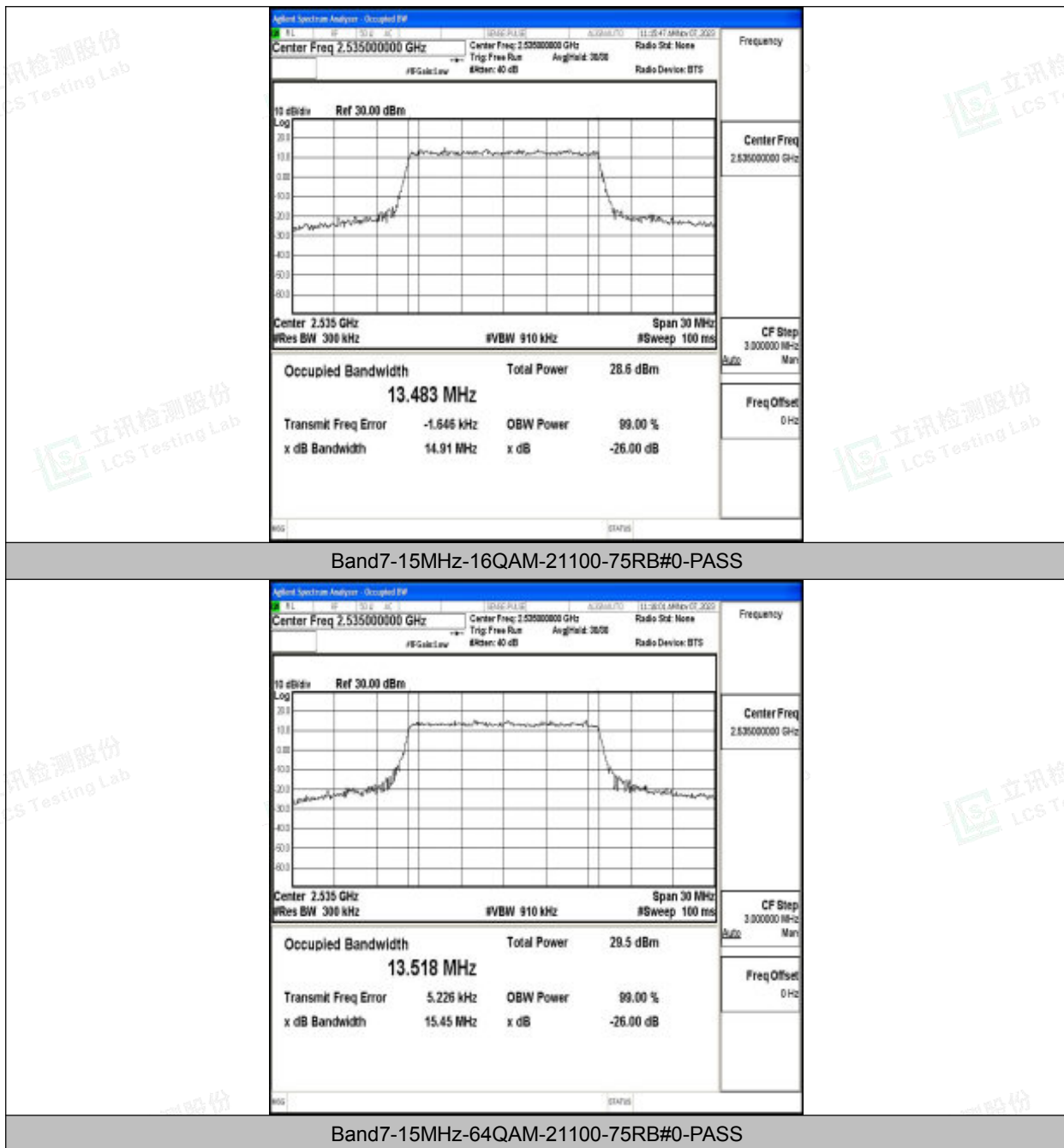
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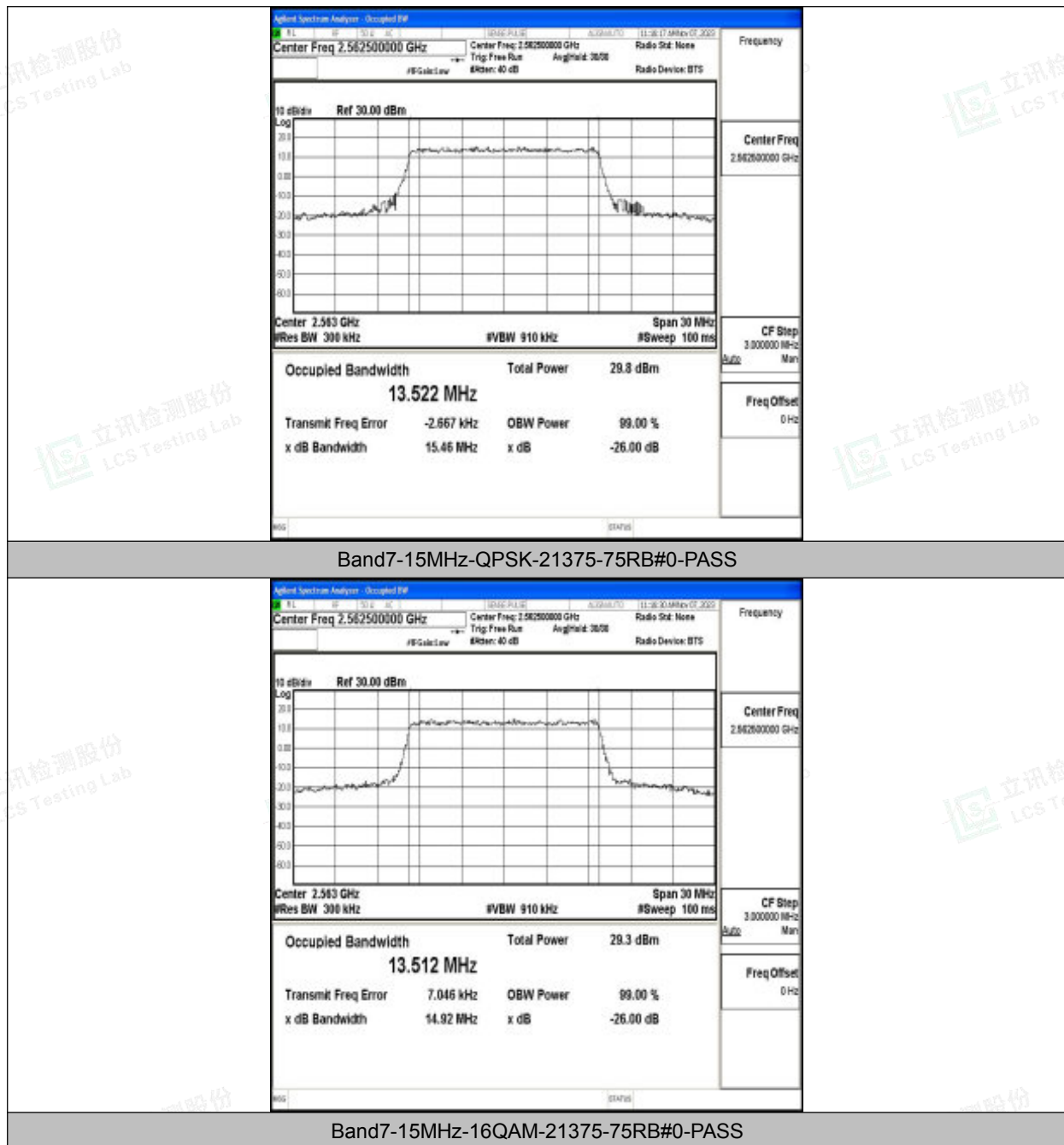


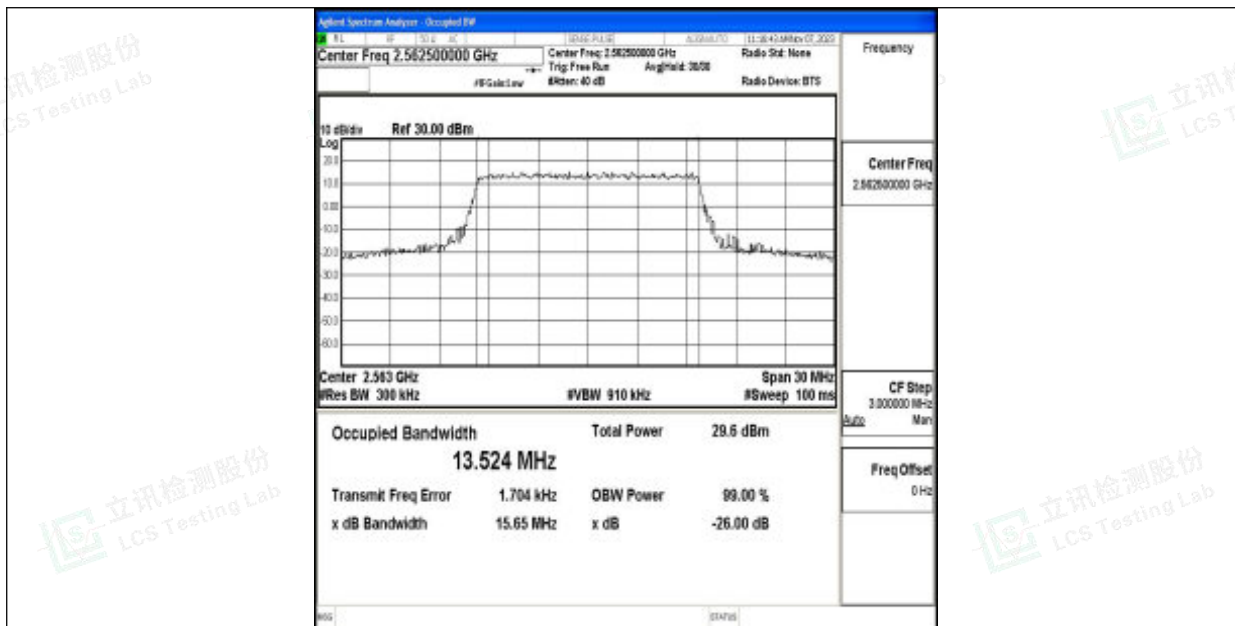
Band7-15MHz-16QAM-20825-75RB#0-PASS



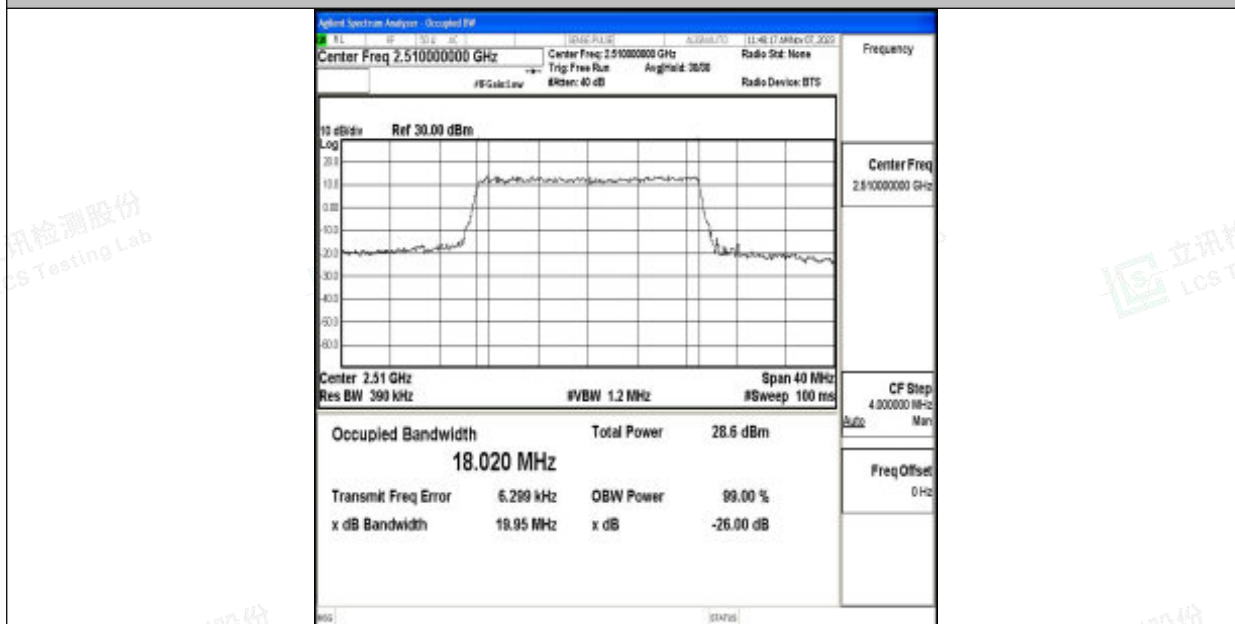






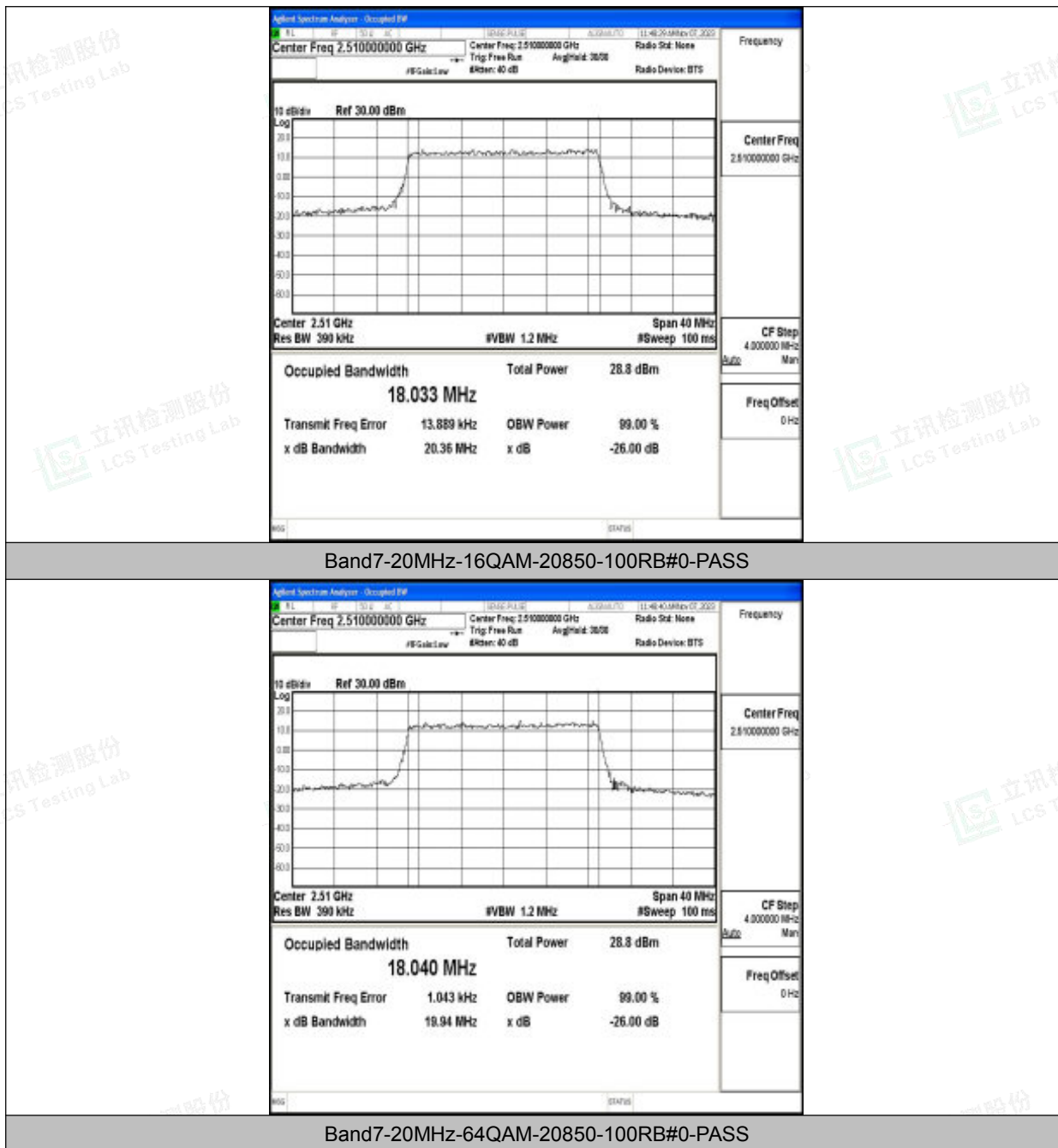


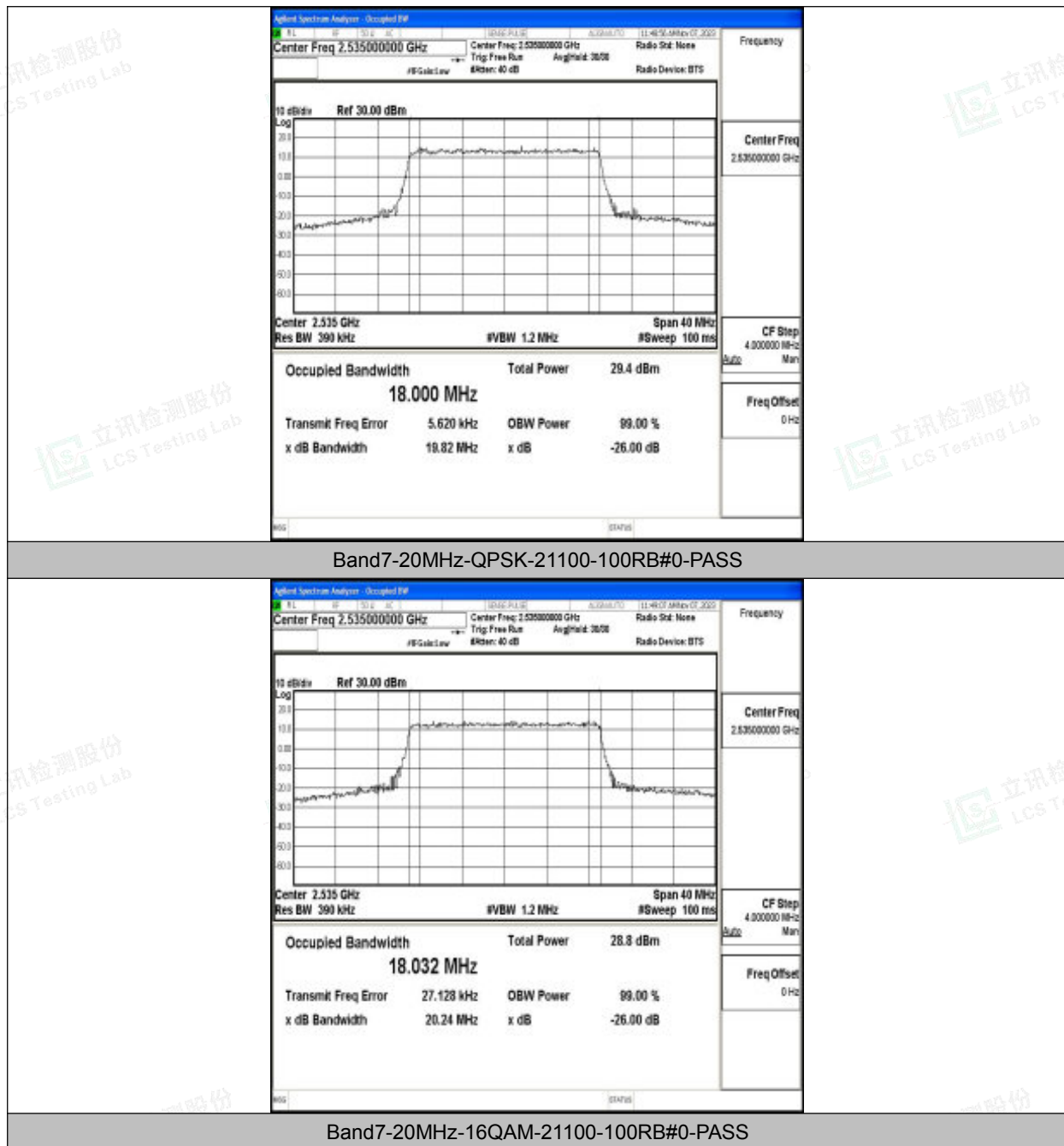
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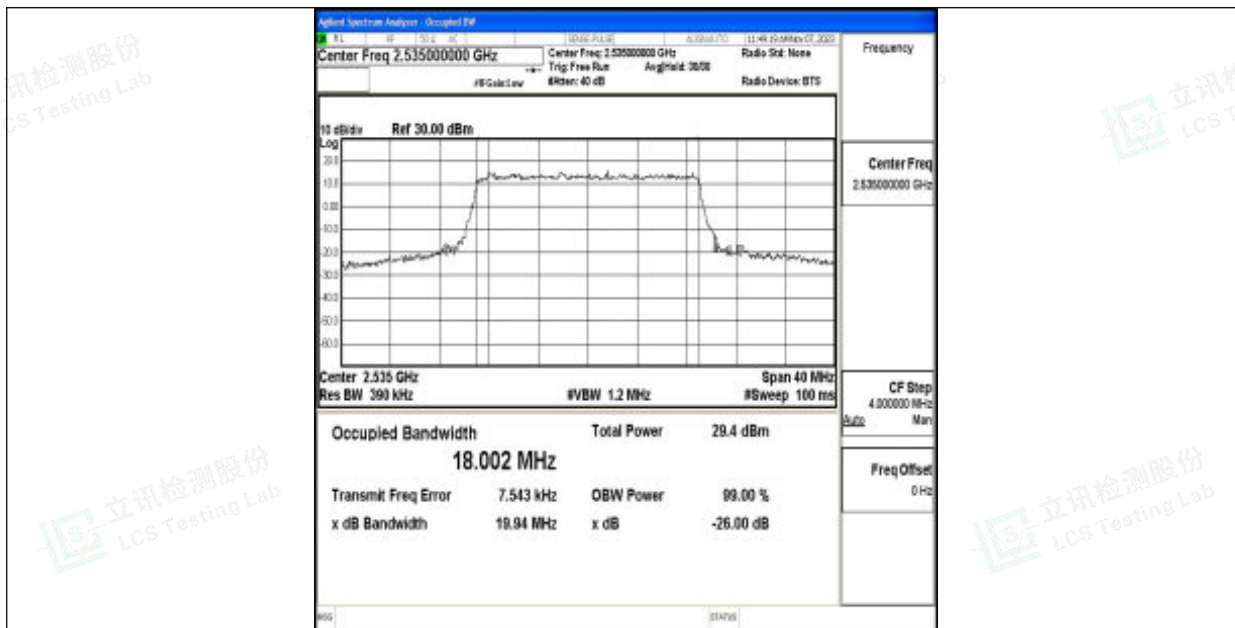


Band7-20MHz-QPSK-20850-100RB#0-PASS

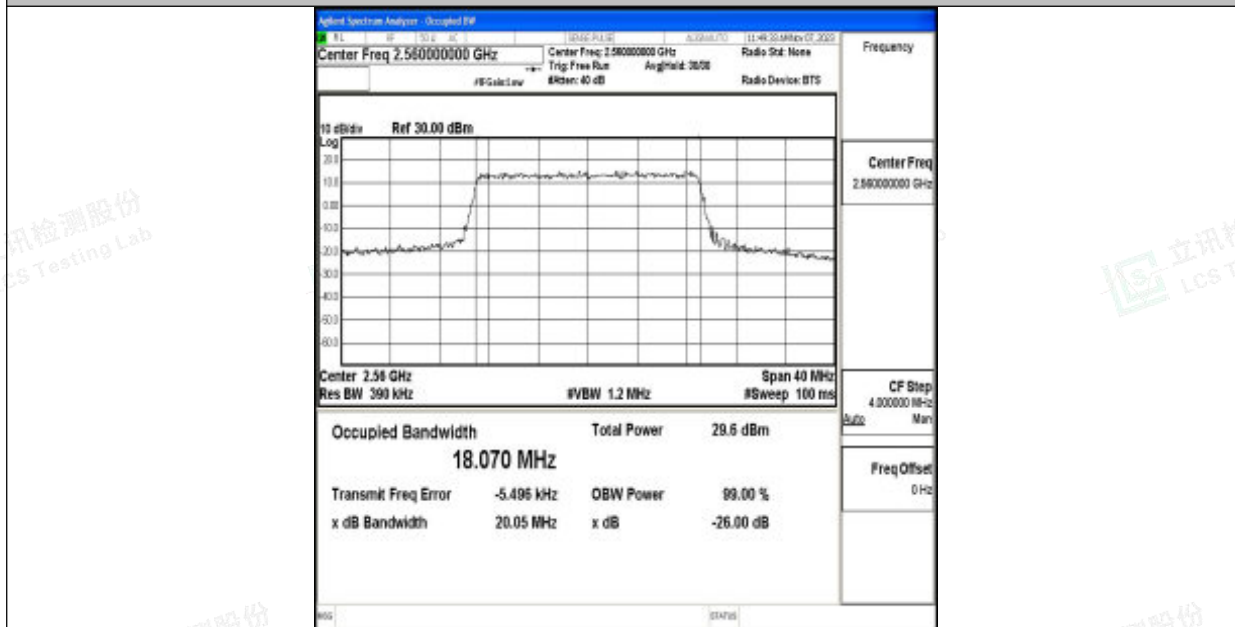






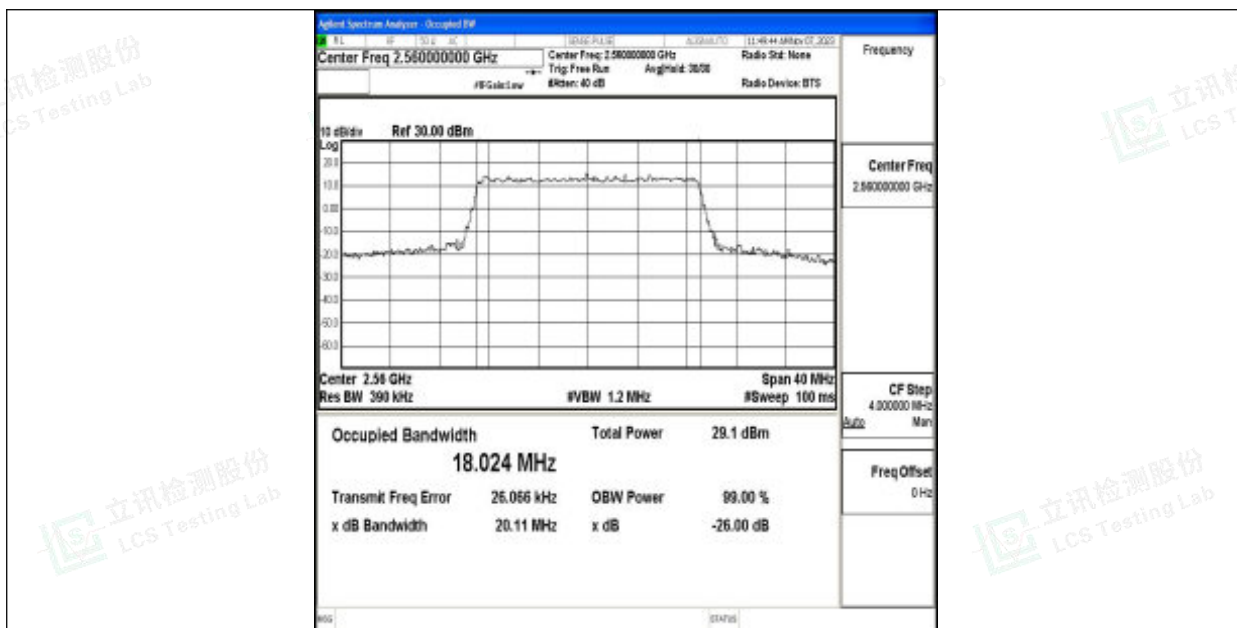


Band7-20MHz-64QAM-21100-100RB#0-PASS

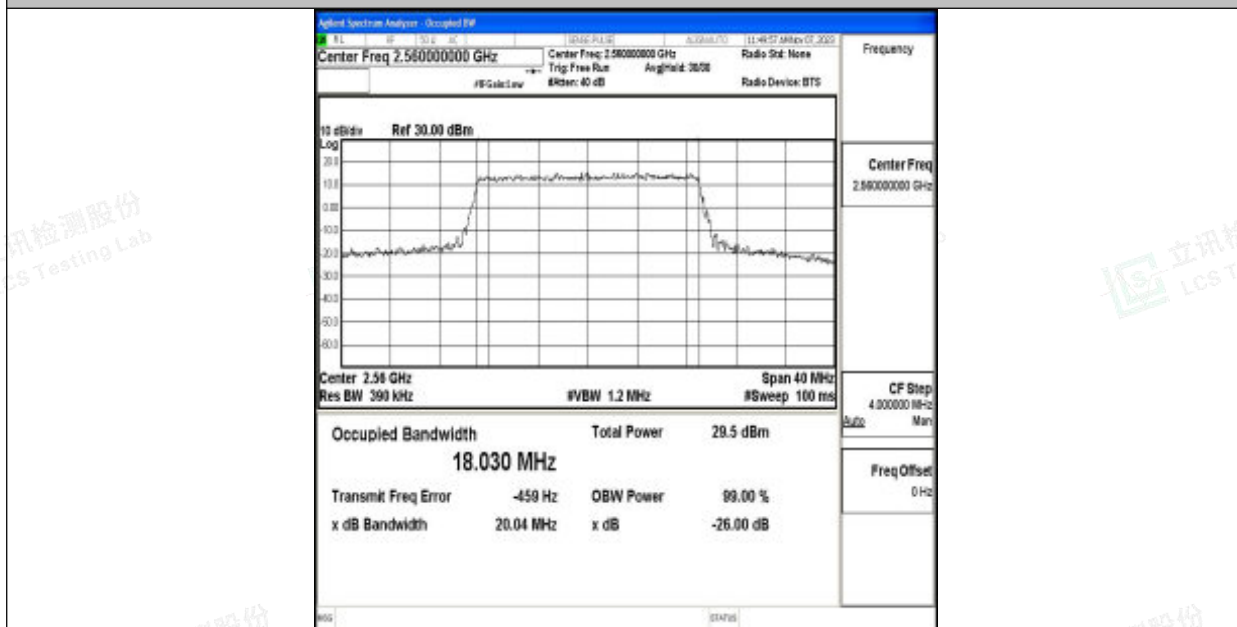


Band7-20MHz-QPSK-21350-100RB#0-PASS





Band7-20MHz-16QAM-21350-100RB#0-PASS



Band7-20MHz-64QAM-21350-100RB#0-PASS



E.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	2489.98	-44.29	PASS
Band7	5MHz	16QAM	20775	1RB#0	2489.91	-44.34	PASS
Band7	5MHz	64QAM	20775	1RB#0	2490.27	-44.33	PASS
Band7	5MHz	QPSK	20775	1RB#24	2489.42	-44.34	PASS
Band7	5MHz	16QAM	20775	1RB#24	2489.59	-44.35	PASS
Band7	5MHz	64QAM	20775	1RB#24	2489.12	-44.36	PASS
Band7	5MHz	QPSK	20775	25RB#0	2490.44	-44.07	PASS
Band7	5MHz	16QAM	20775	25RB#0	2490.14	-44.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	2490.06	-44.10	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.00	0.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.00	0.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	0.00	0.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	0.00	0.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	0.00	0.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	0.00	0.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.00	0.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.00	0.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	0.00	0.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	2487.68	-44.33	PASS
Band7	10MHz	16QAM	20800	1RB#0	2487.72	-44.34	PASS
Band7	10MHz	64QAM	20800	1RB#0	2487.79	-44.36	PASS
Band7	10MHz	QPSK	20800	1RB#49	2487.84	-44.40	PASS
Band7	10MHz	16QAM	20800	1RB#49	2487.76	-44.48	PASS
Band7	10MHz	64QAM	20800	1RB#49	2487.76	-44.41	PASS
Band7	10MHz	QPSK	20800	50RB#0	2489.99	-39.26	PASS
Band7	10MHz	16QAM	20800	50RB#0	2489.98	-38.60	PASS
Band7	10MHz	64QAM	20800	50RB#0	2489.96	-39.17	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.00	0.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.00	0.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	0.00	0.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	0.00	0.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	0.00	0.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	0.00	0.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.00	0.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.00	0.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	0.00	0.00	PASS





LC SA 14103200EE

Band7	15MHz	QPSK	20825	1RB#0	2484.45	-44.32	PASS
Band7	15MHz	16QAM	20825	1RB#0	2482.67	-44.41	PASS
Band7	15MHz	64QAM	20825	1RB#0	2484.26	-44.42	PASS
Band7	15MHz	QPSK	20825	1RB#74	2483.68	-44.35	PASS
Band7	15MHz	16QAM	20825	1RB#74	2484.40	-44.56	PASS
Band7	15MHz	64QAM	20825	1RB#74	2484.42	-44.45	PASS
Band7	15MHz	QPSK	20825	75RB#0	2484.97	-39.84	PASS
Band7	15MHz	16QAM	20825	75RB#0	2484.95	-38.78	PASS
Band7	15MHz	64QAM	20825	75RB#0	2484.98	-39.83	PASS
Band7	15MHz	QPSK	21375	1RB#0	0.00	0.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.00	0.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	0.00	0.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	0.00	0.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	0.00	0.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	0.00	0.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.00	0.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.00	0.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	0.00	0.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	2478.57	-44.45	PASS
Band7	20MHz	16QAM	20850	1RB#0	2479.88	-44.41	PASS
Band7	20MHz	64QAM	20850	1RB#0	2478.44	-44.36	PASS
Band7	20MHz	QPSK	20850	1RB#99	2475.02	-44.45	PASS
Band7	20MHz	16QAM	20850	1RB#99	2478.74	-44.36	PASS
Band7	20MHz	64QAM	20850	1RB#99	2476.65	-44.42	PASS
Band7	20MHz	QPSK	20850	100RB#0	2479.94	-42.34	PASS
Band7	20MHz	16QAM	20850	100RB#0	2479.77	-41.68	PASS
Band7	20MHz	64QAM	20850	100RB#0	2479.91	-42.29	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.00	0.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	0.00	0.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	0.00	0.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	0.00	0.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	0.00	0.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	0.00	0.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.00	0.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.00	0.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	0.00	0.00	PASS



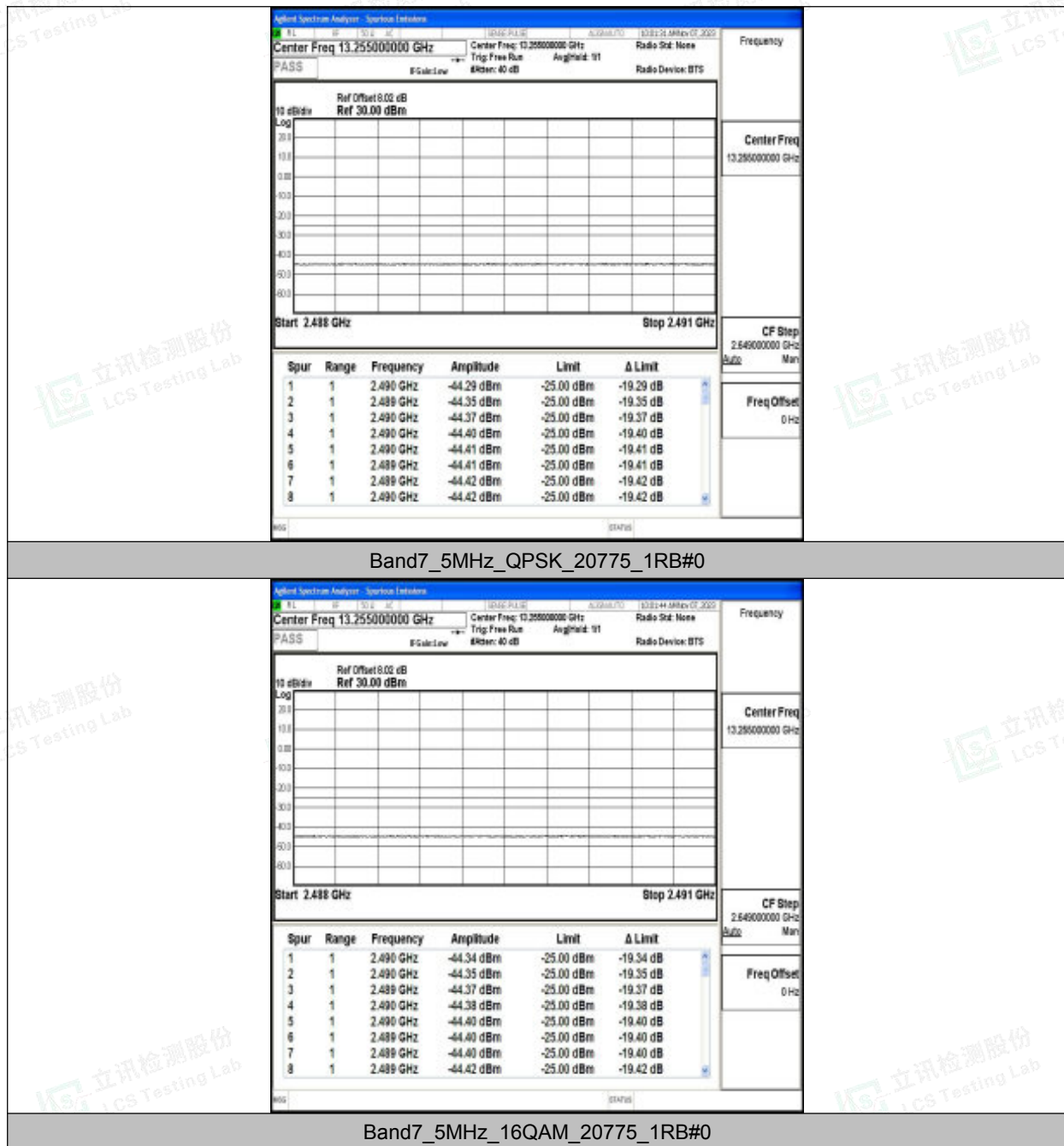
Shenzhen LCS Compliance Testing Laboratory Ltd.

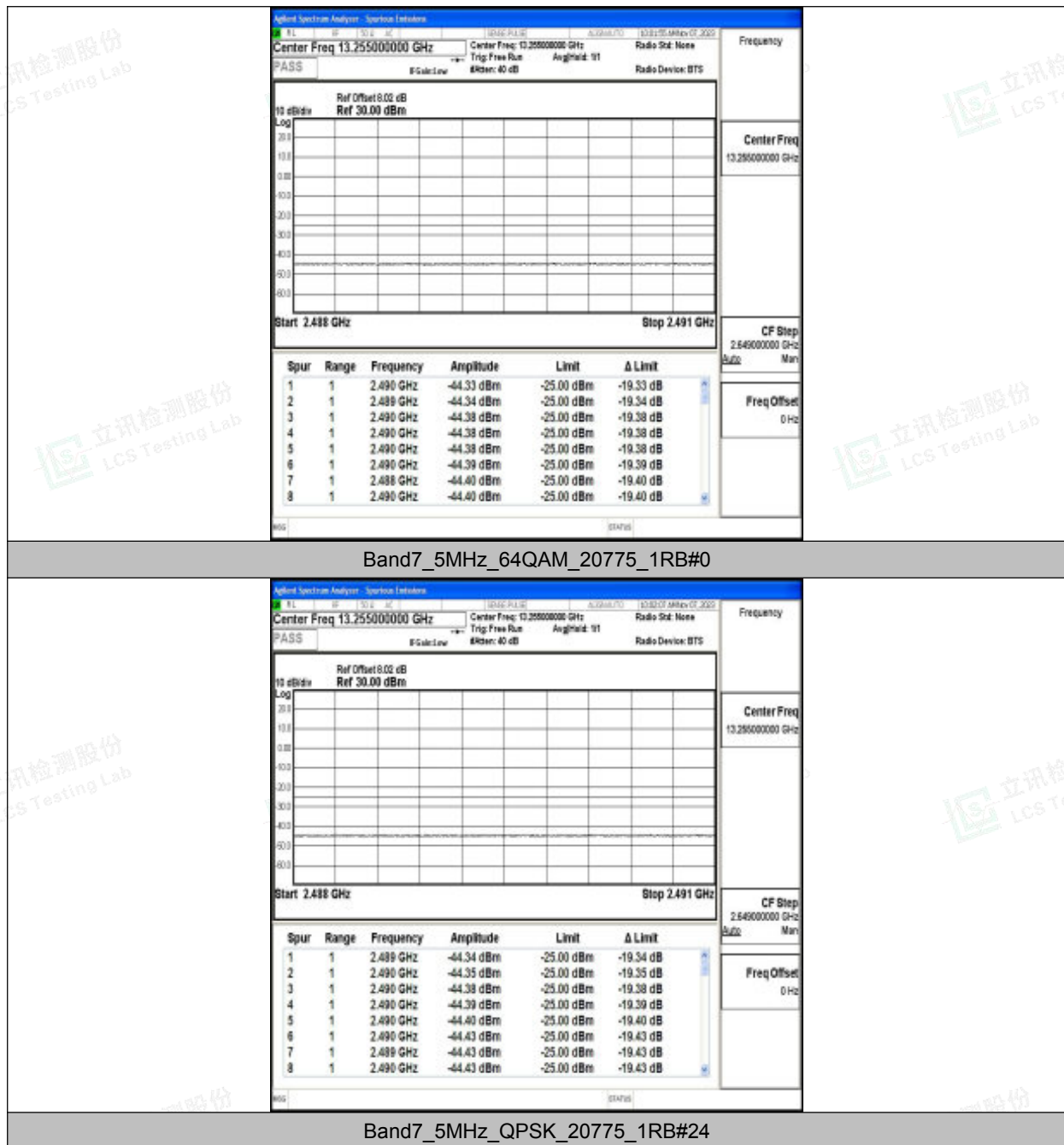
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

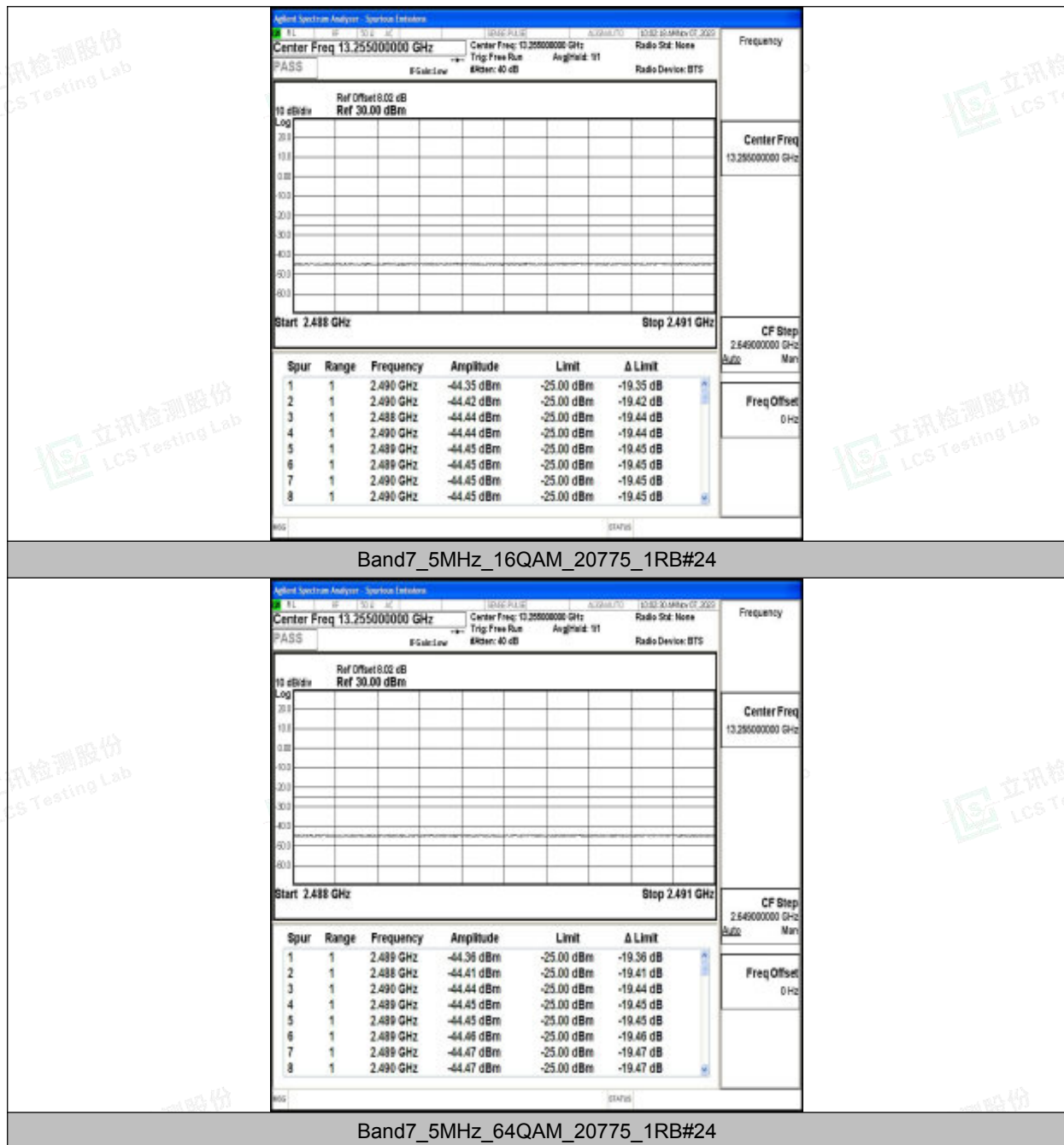
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

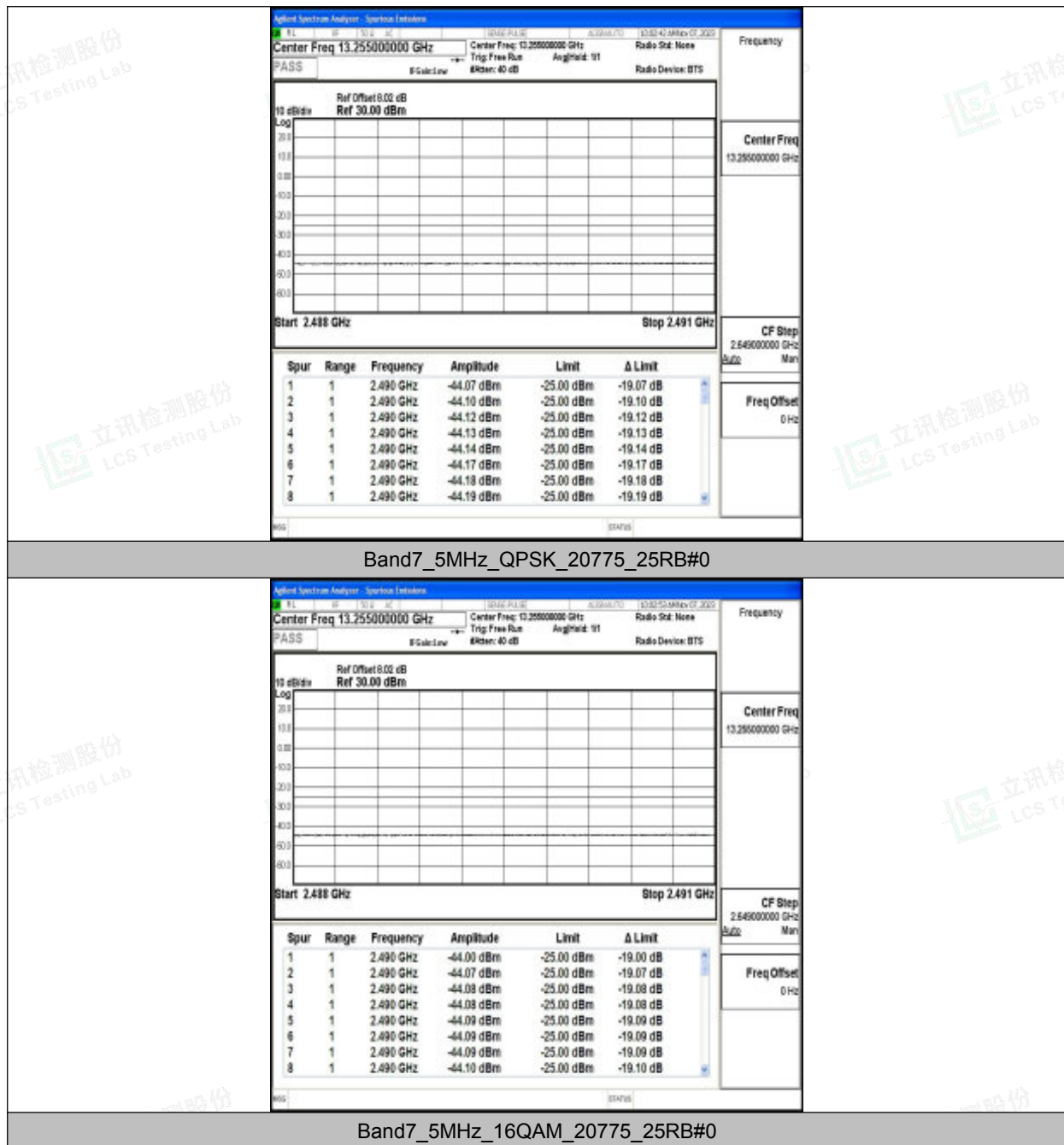
Scan code to check authenticity

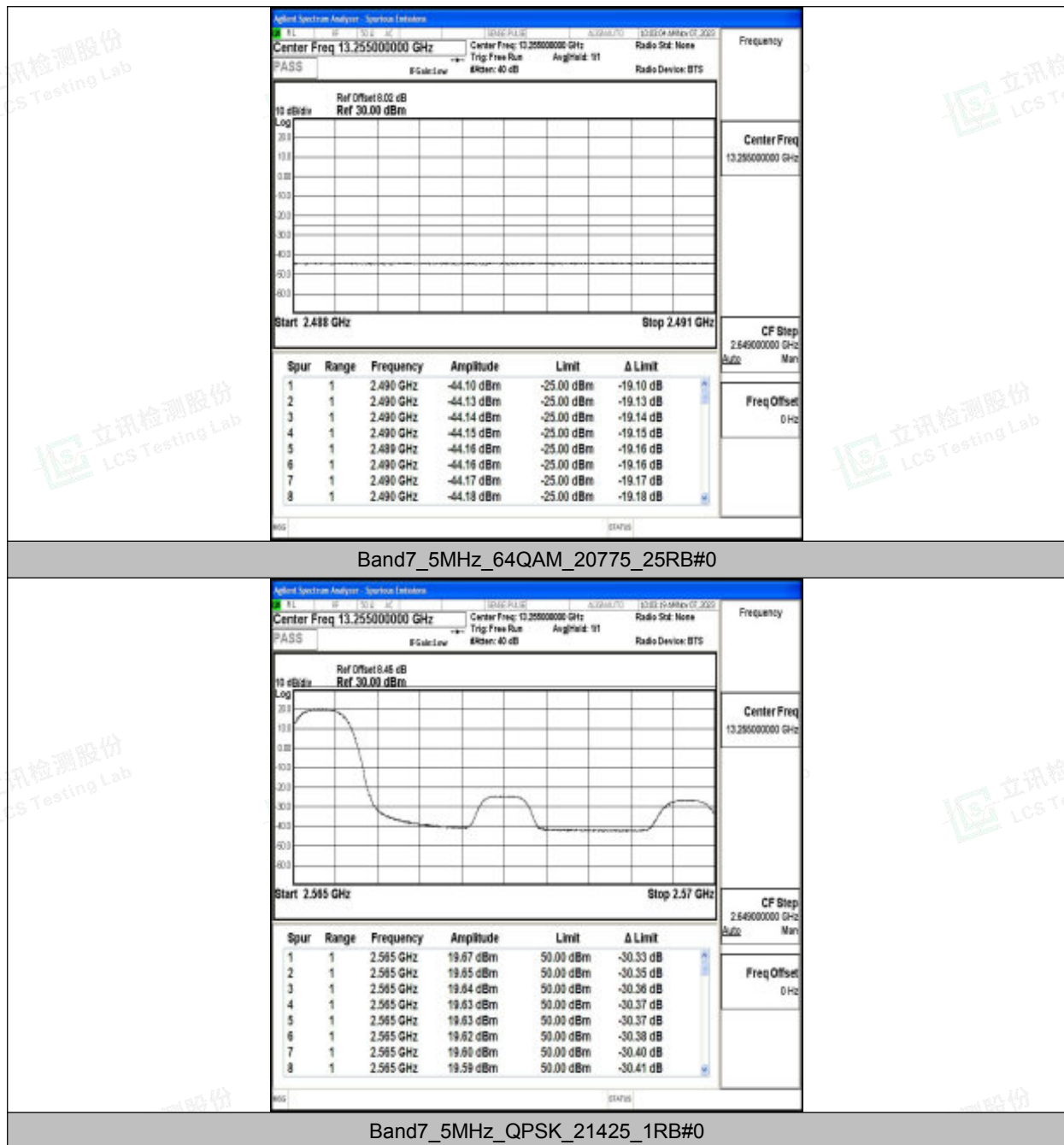
Test Graphs

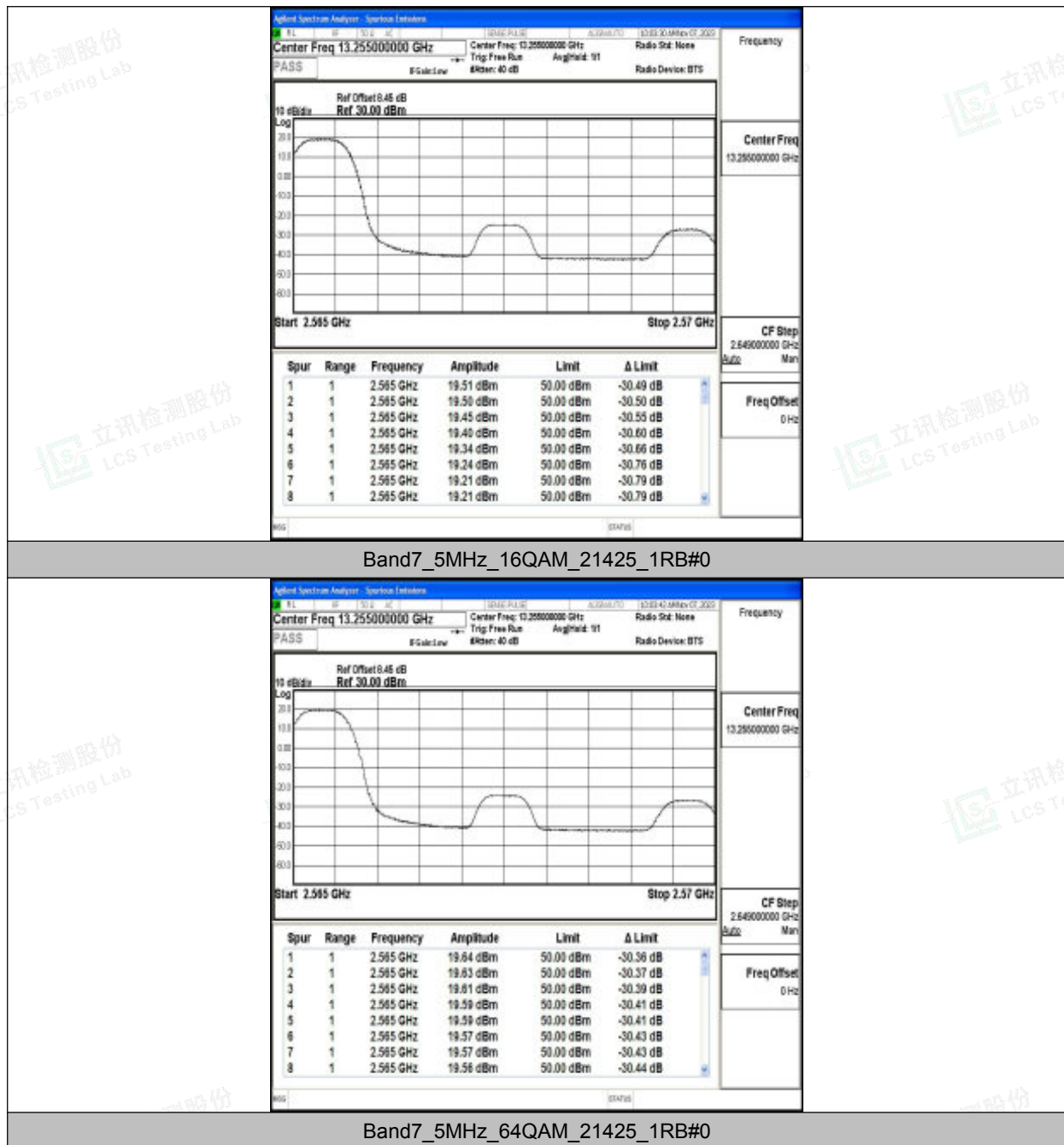


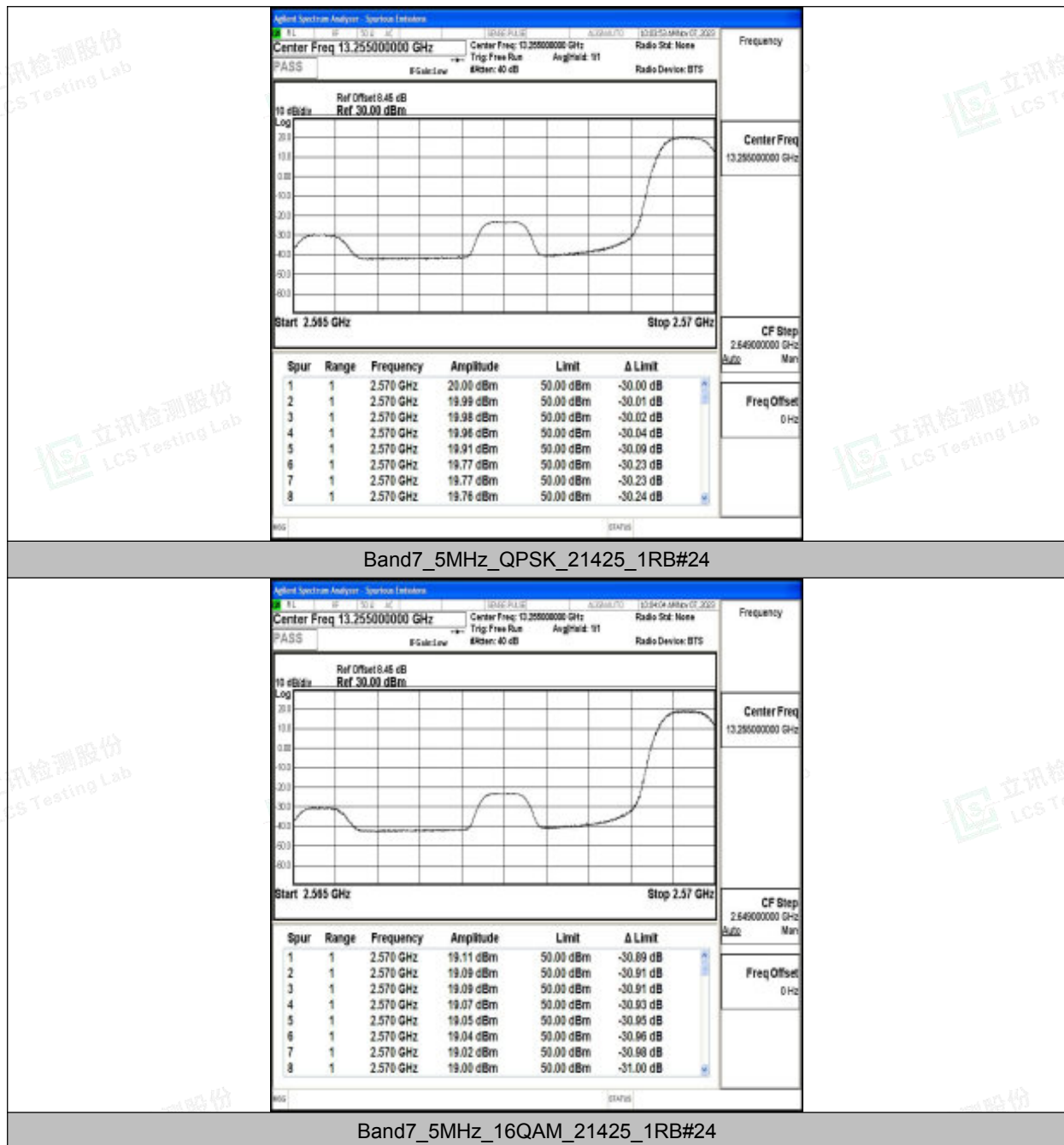


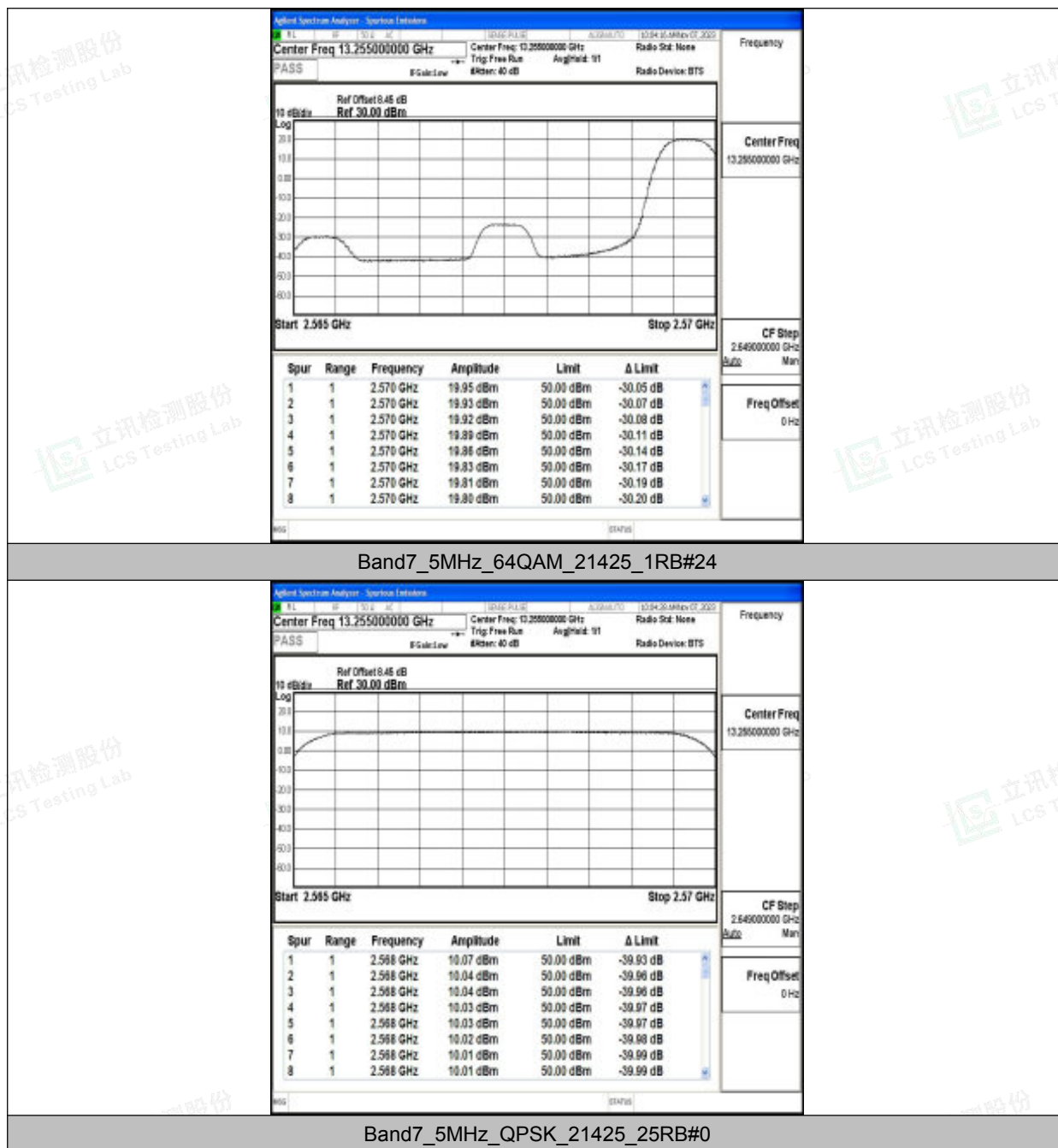


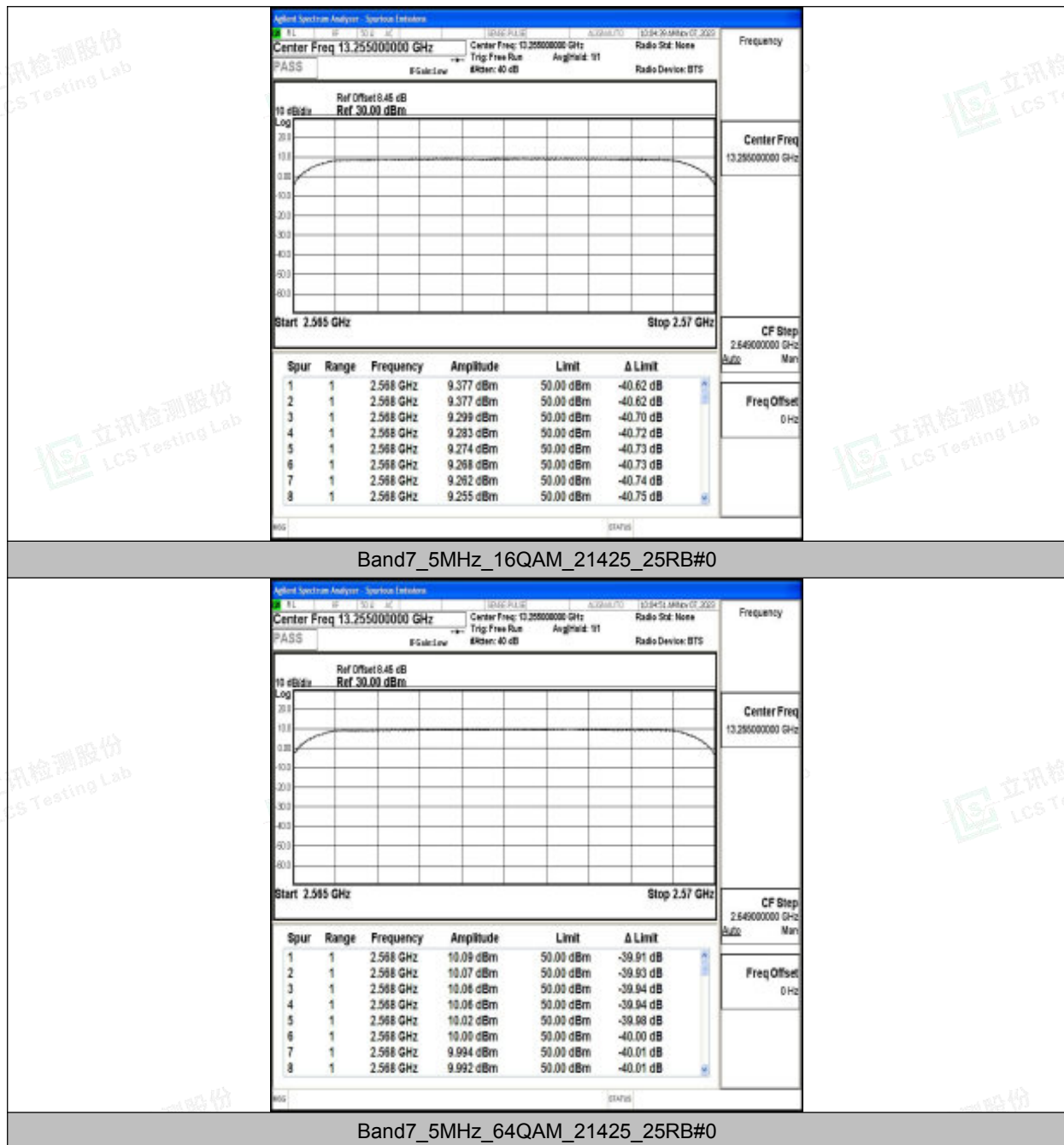


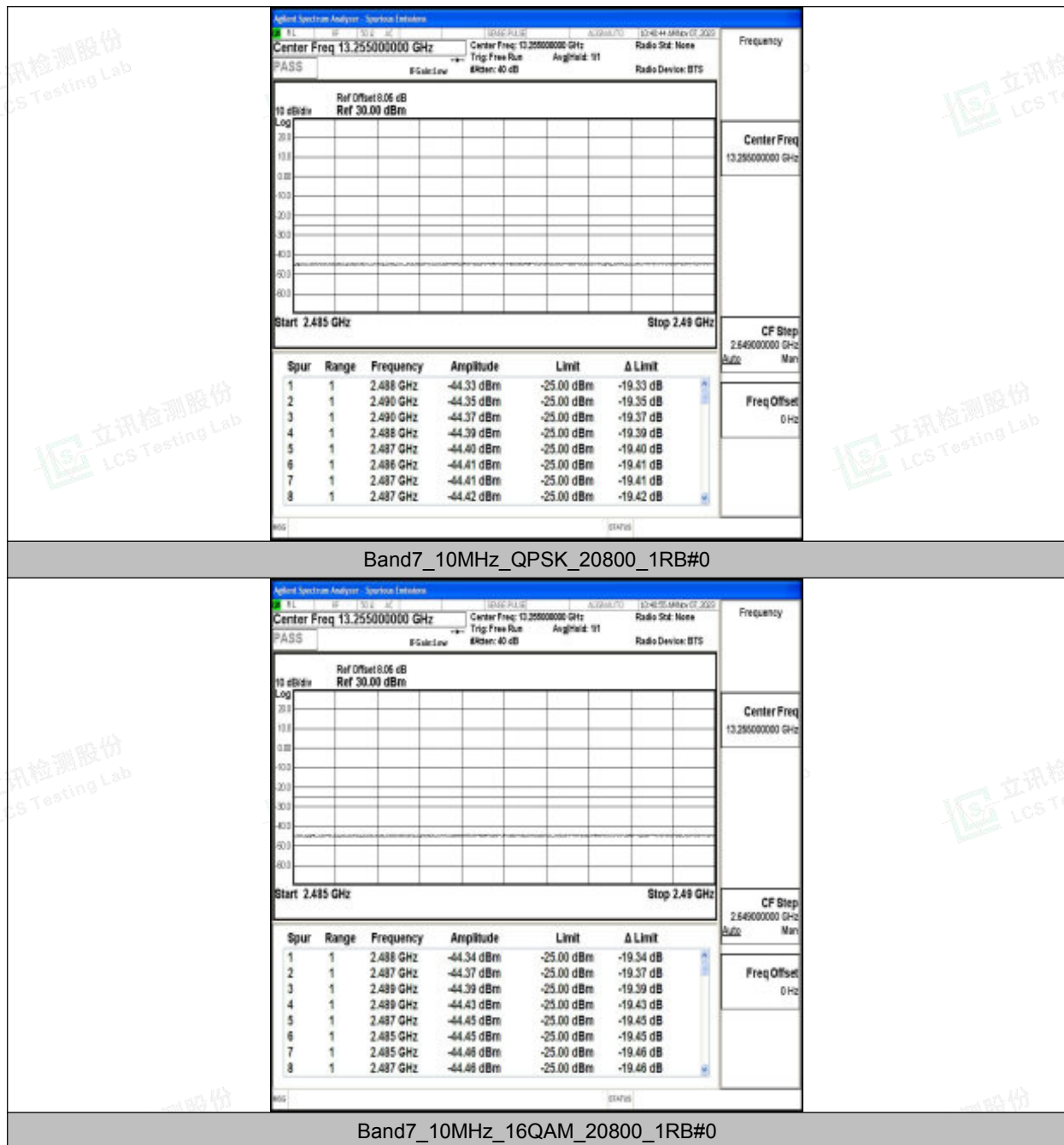


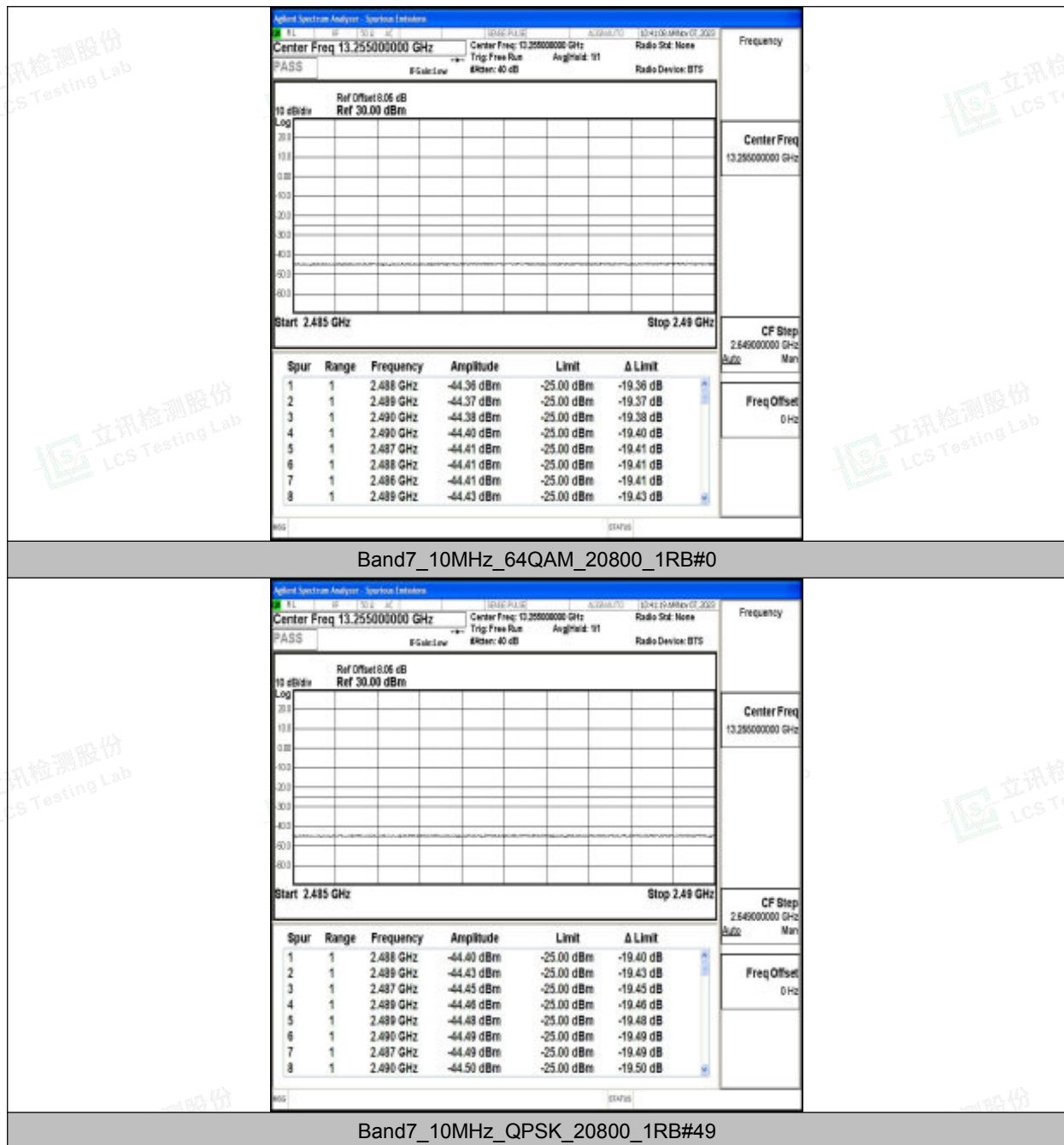


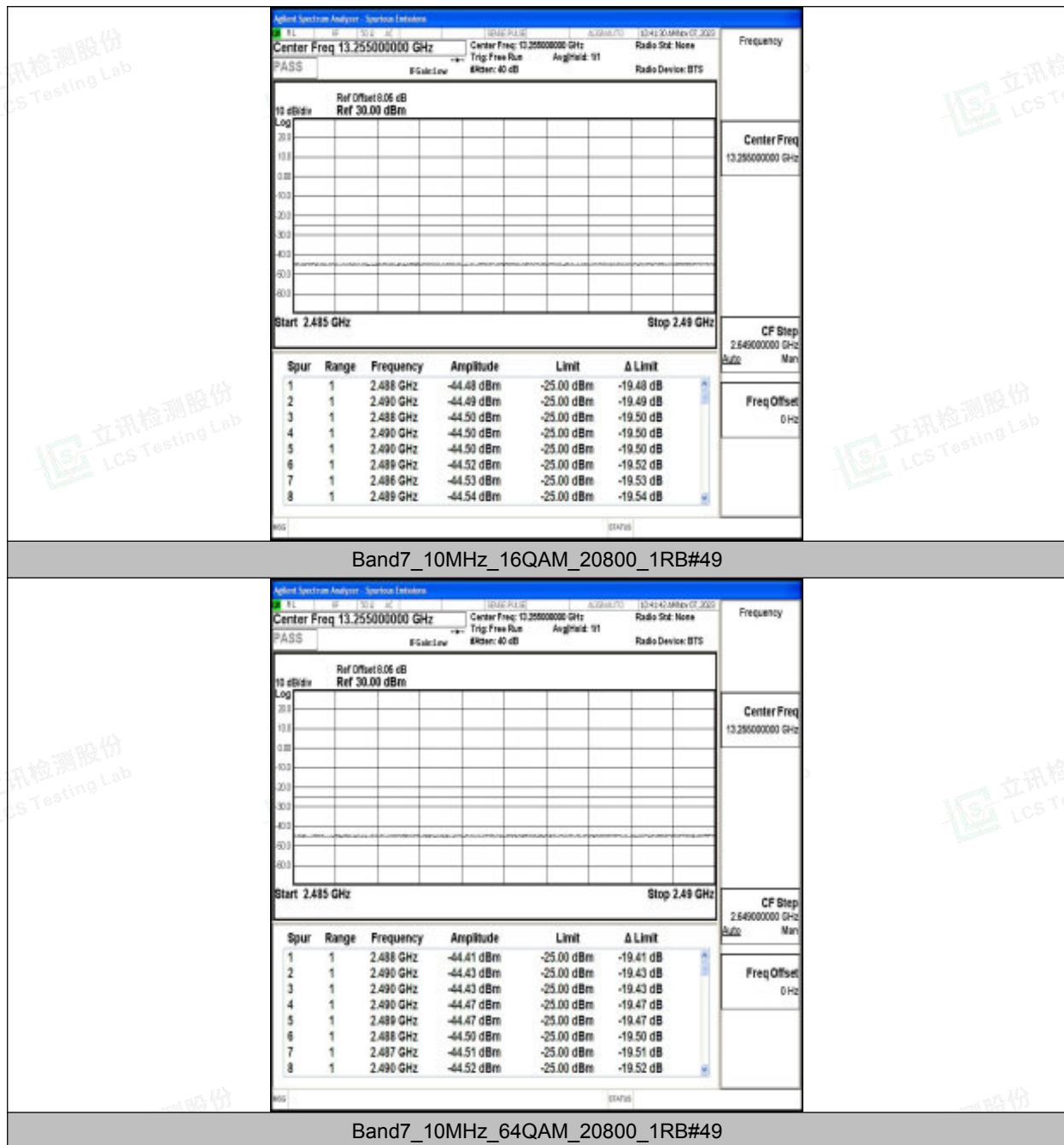


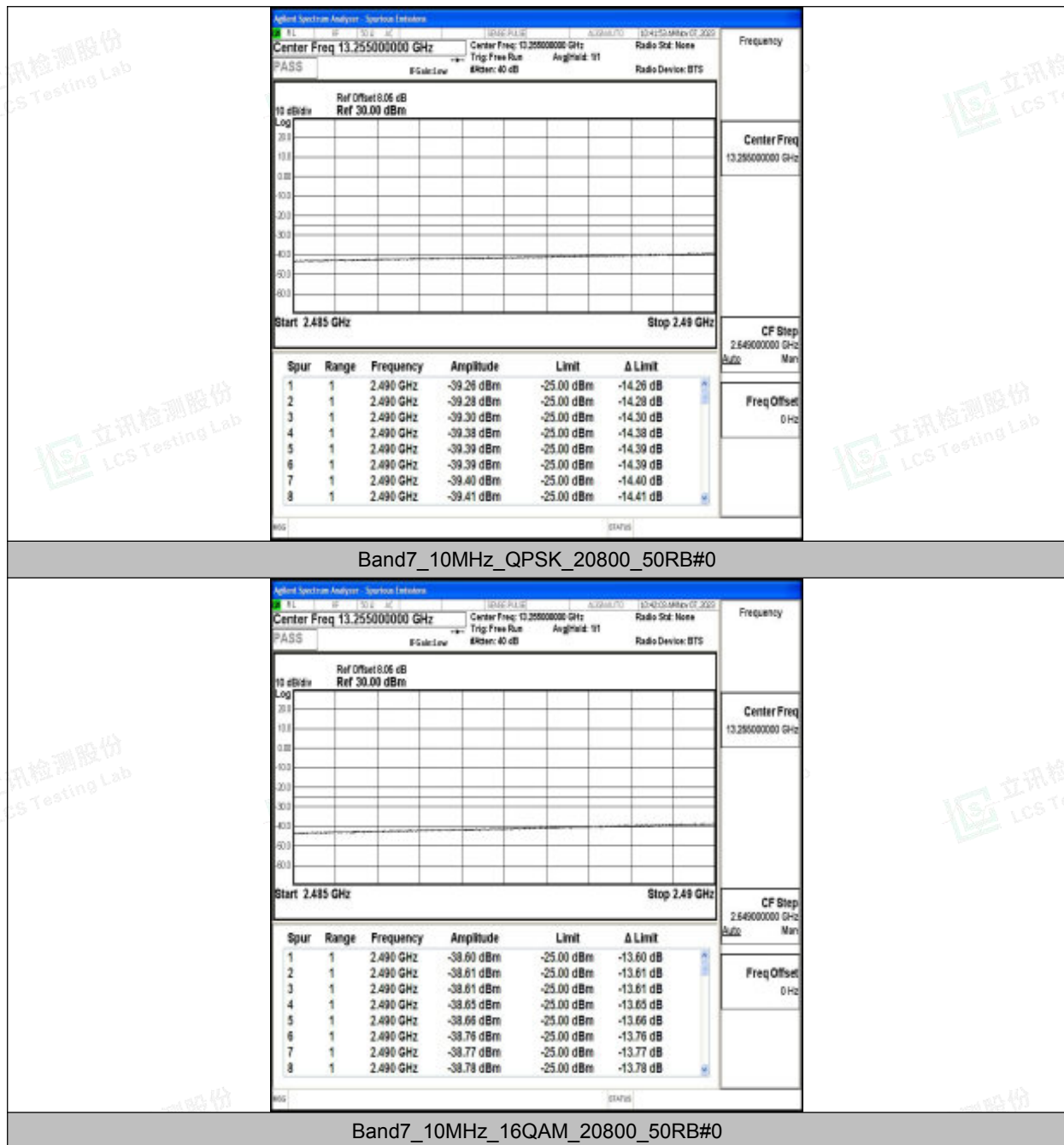


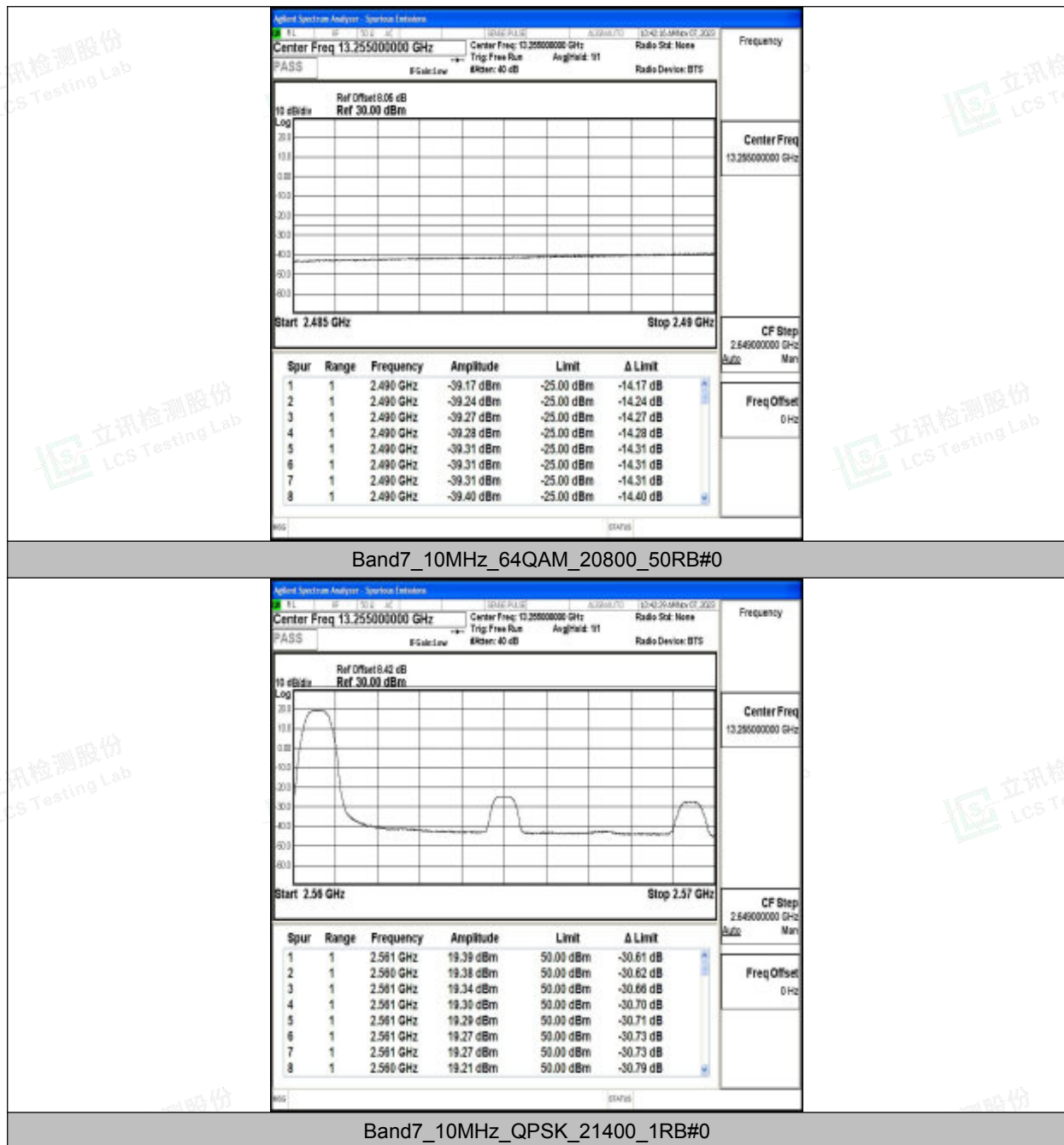


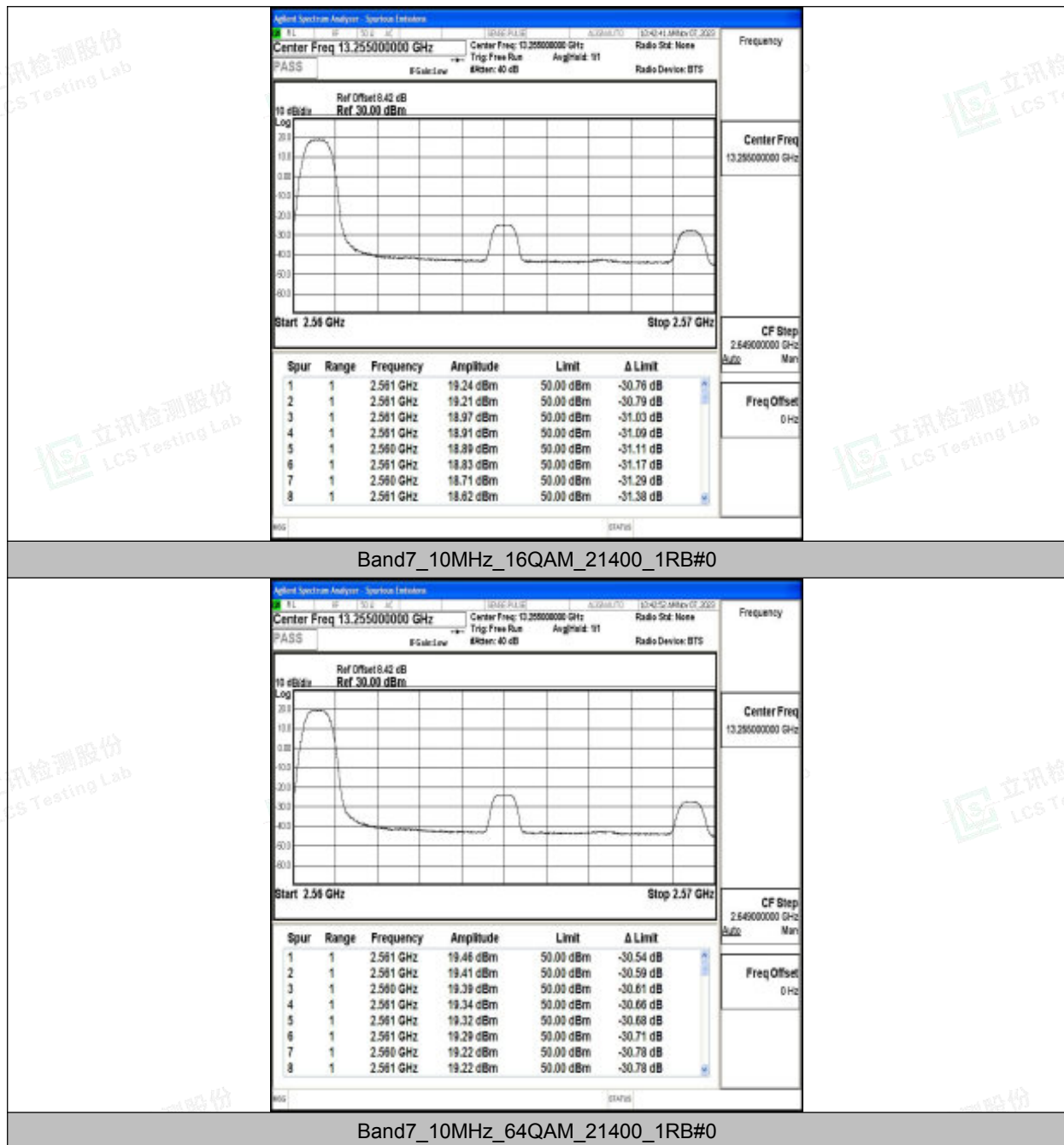


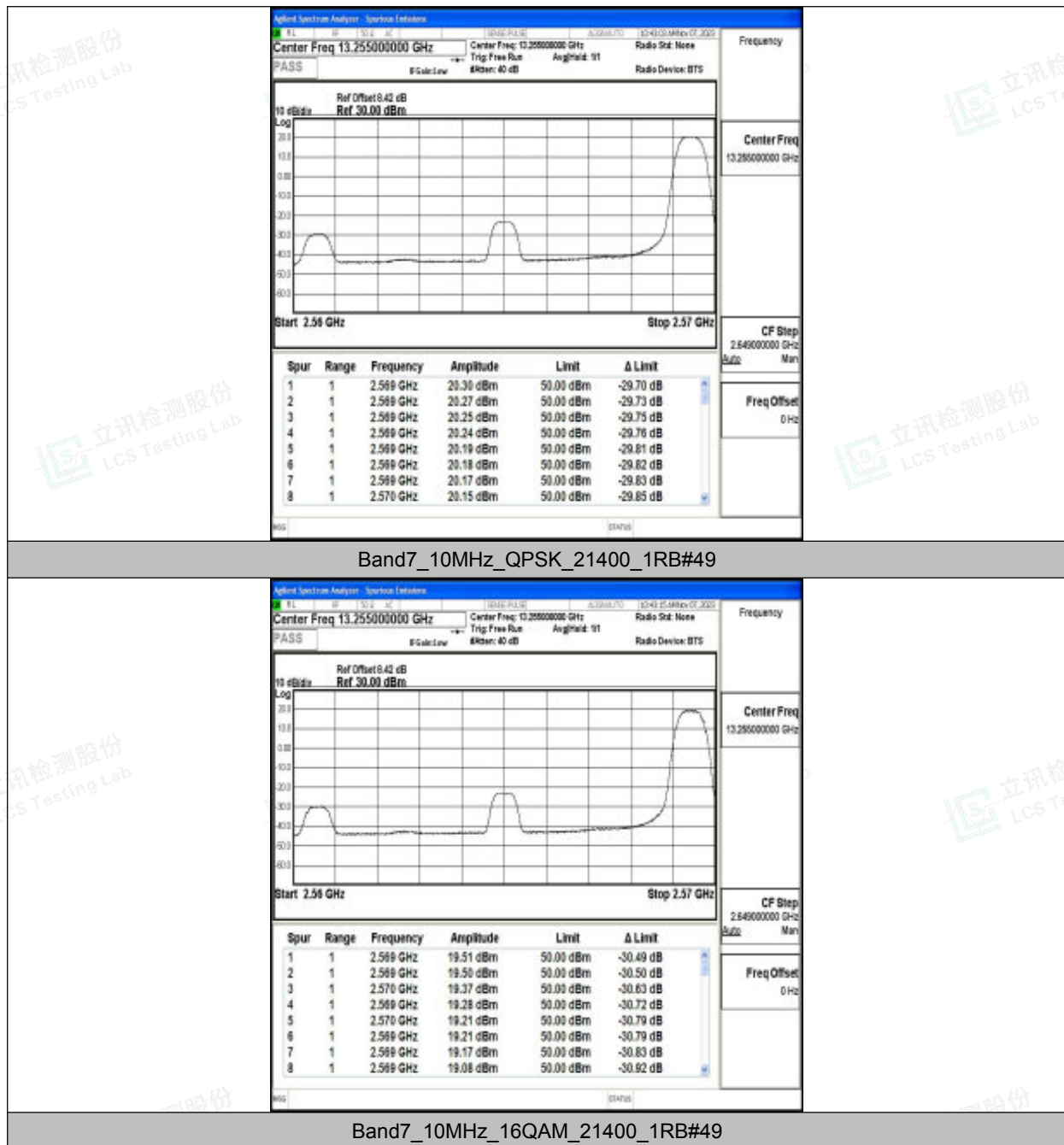


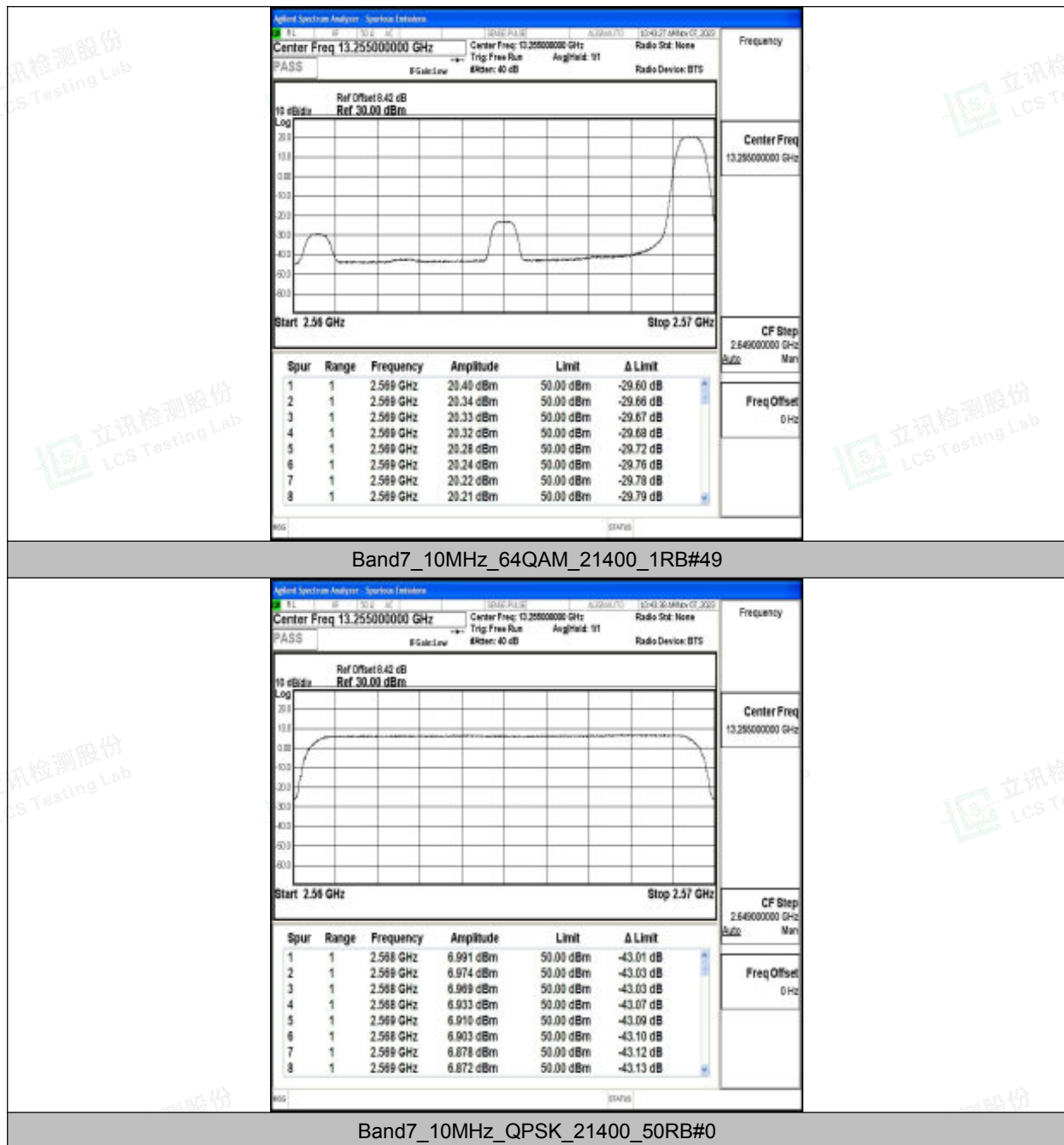


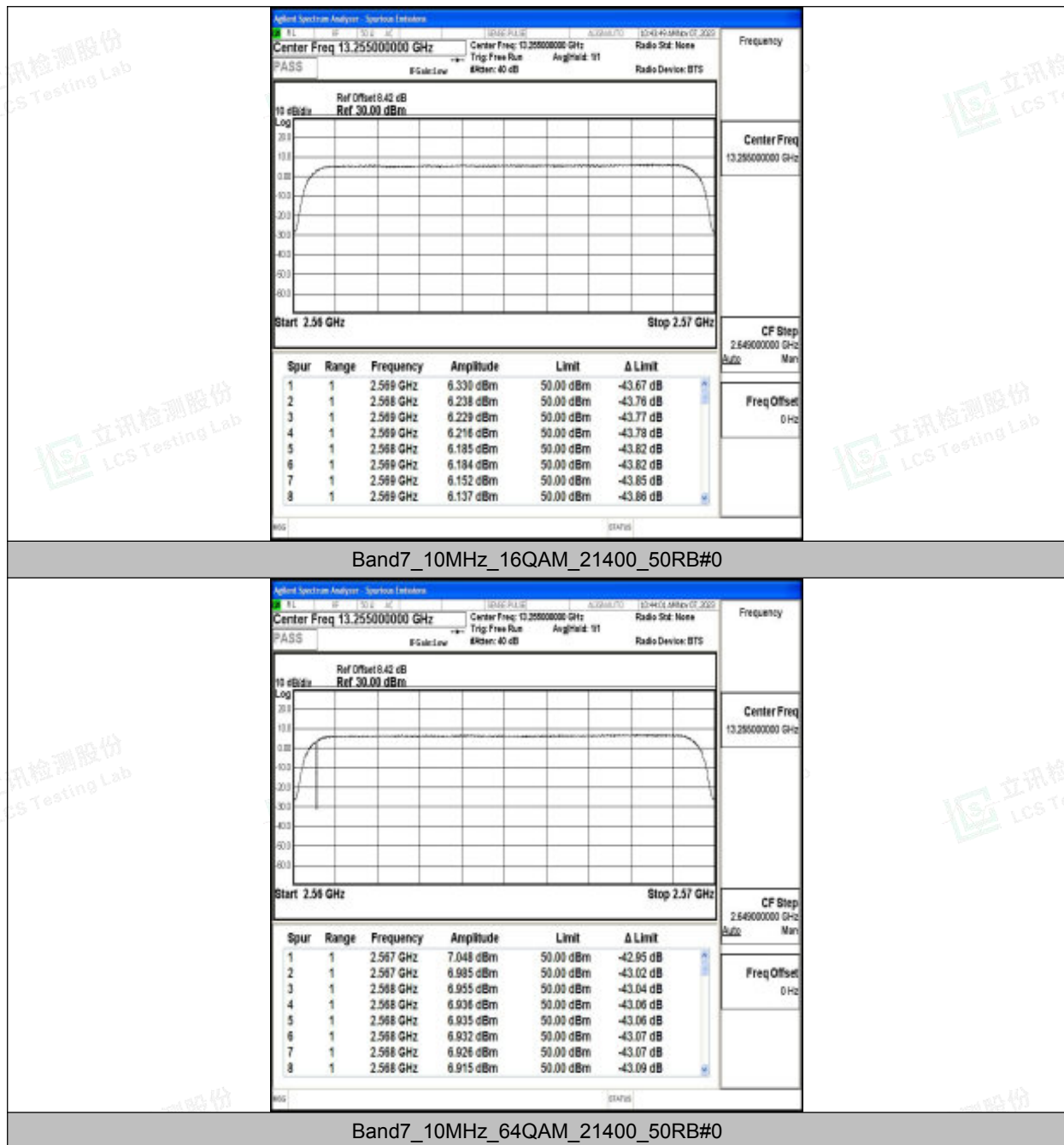


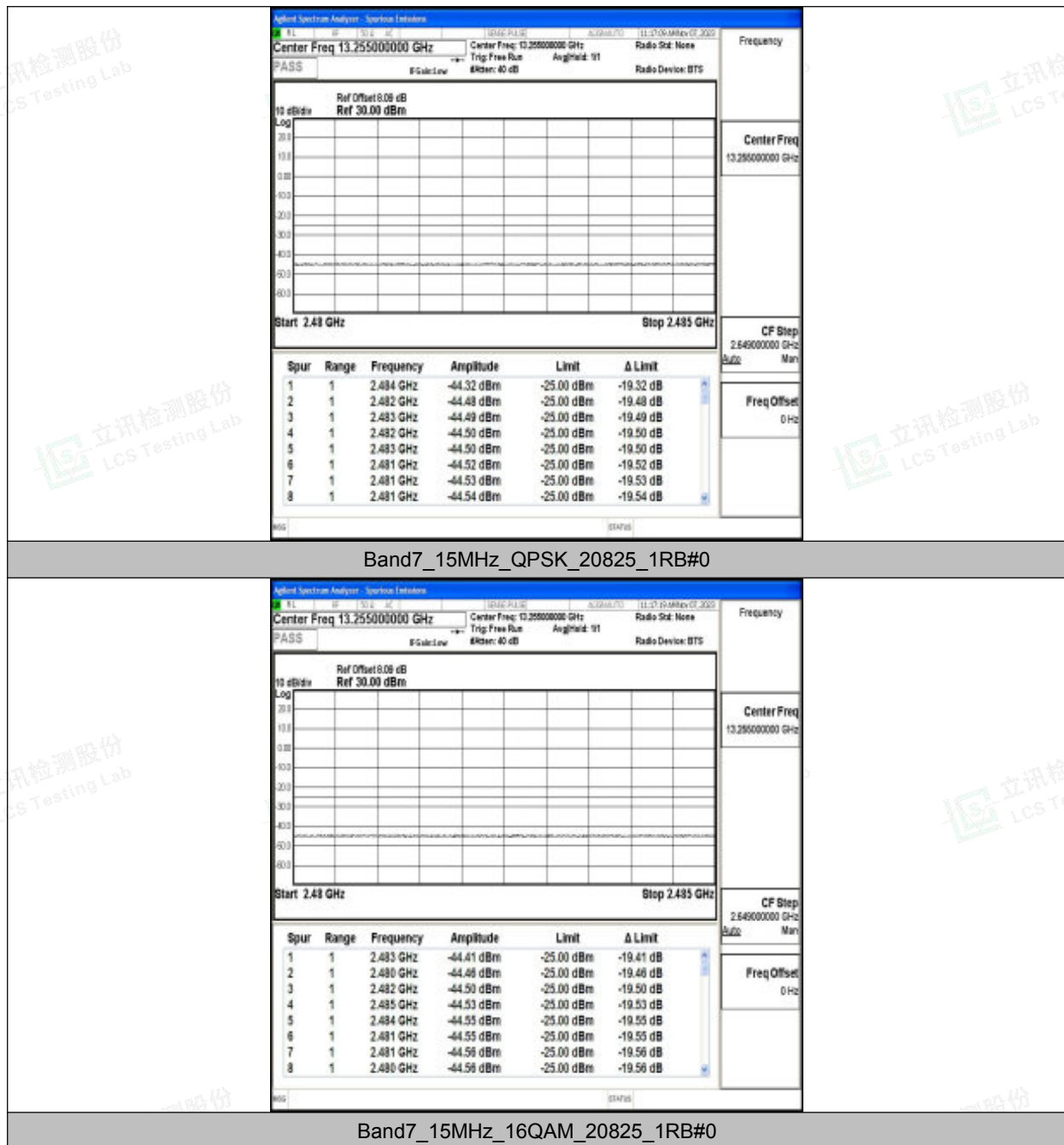


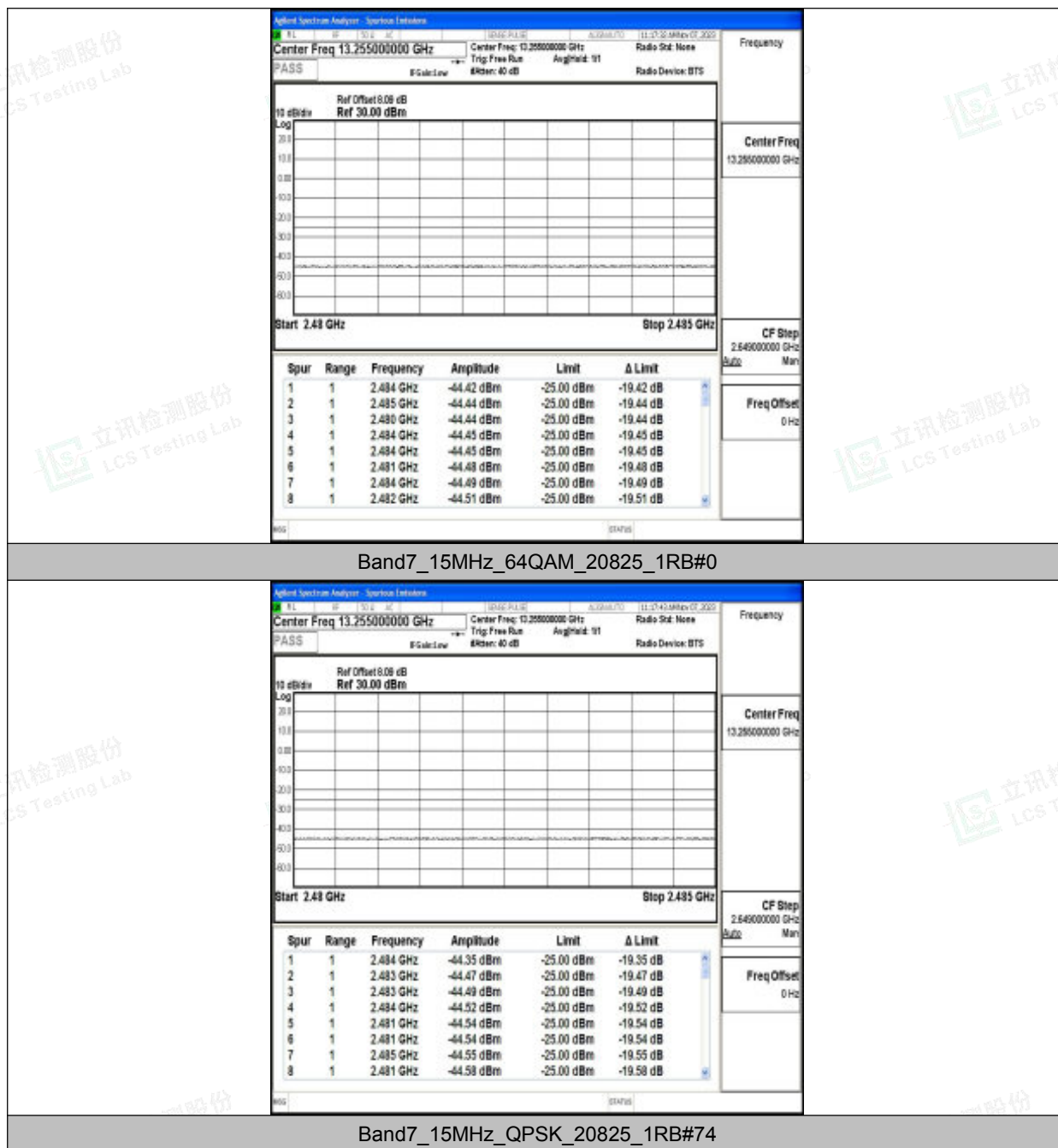


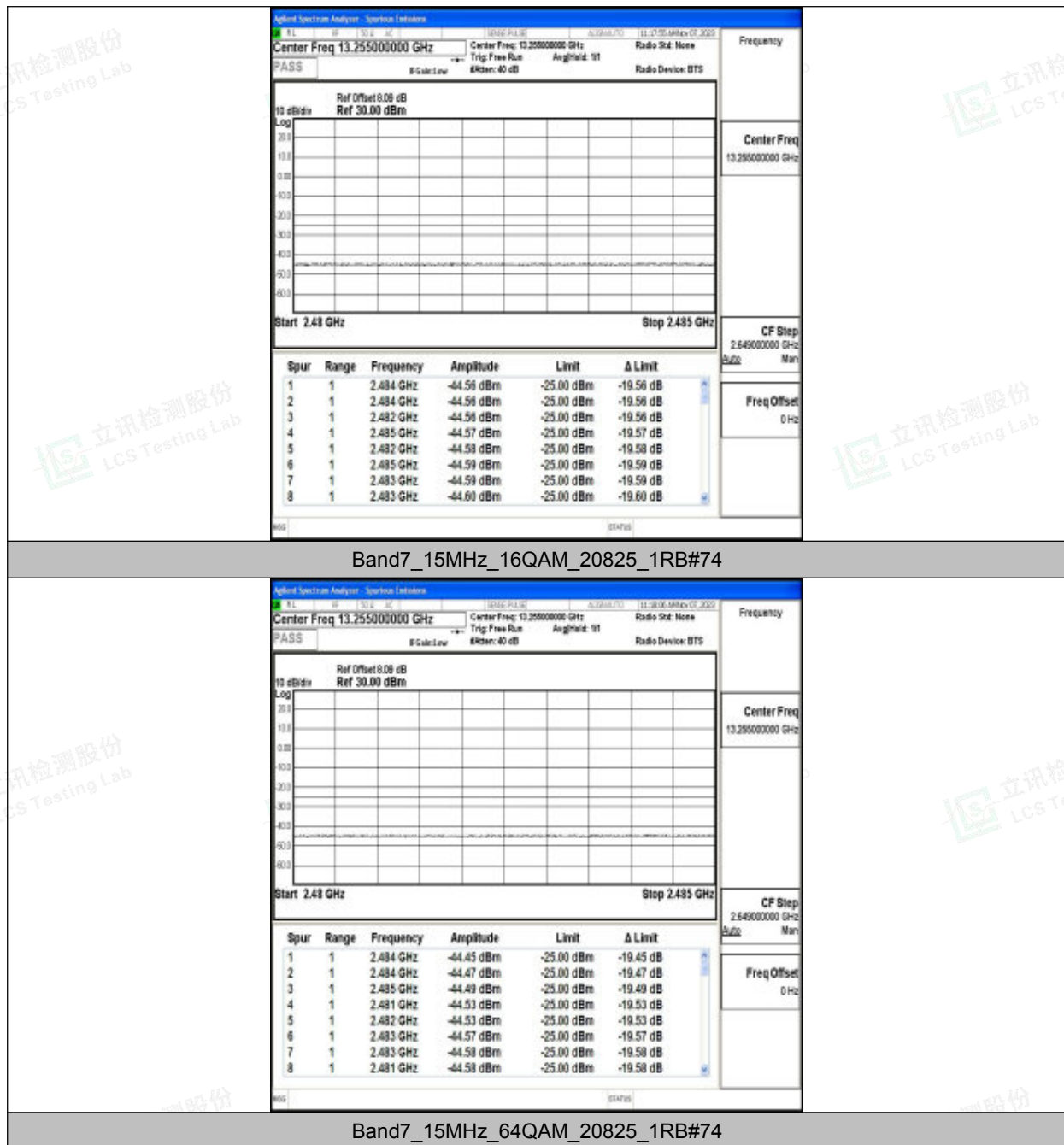


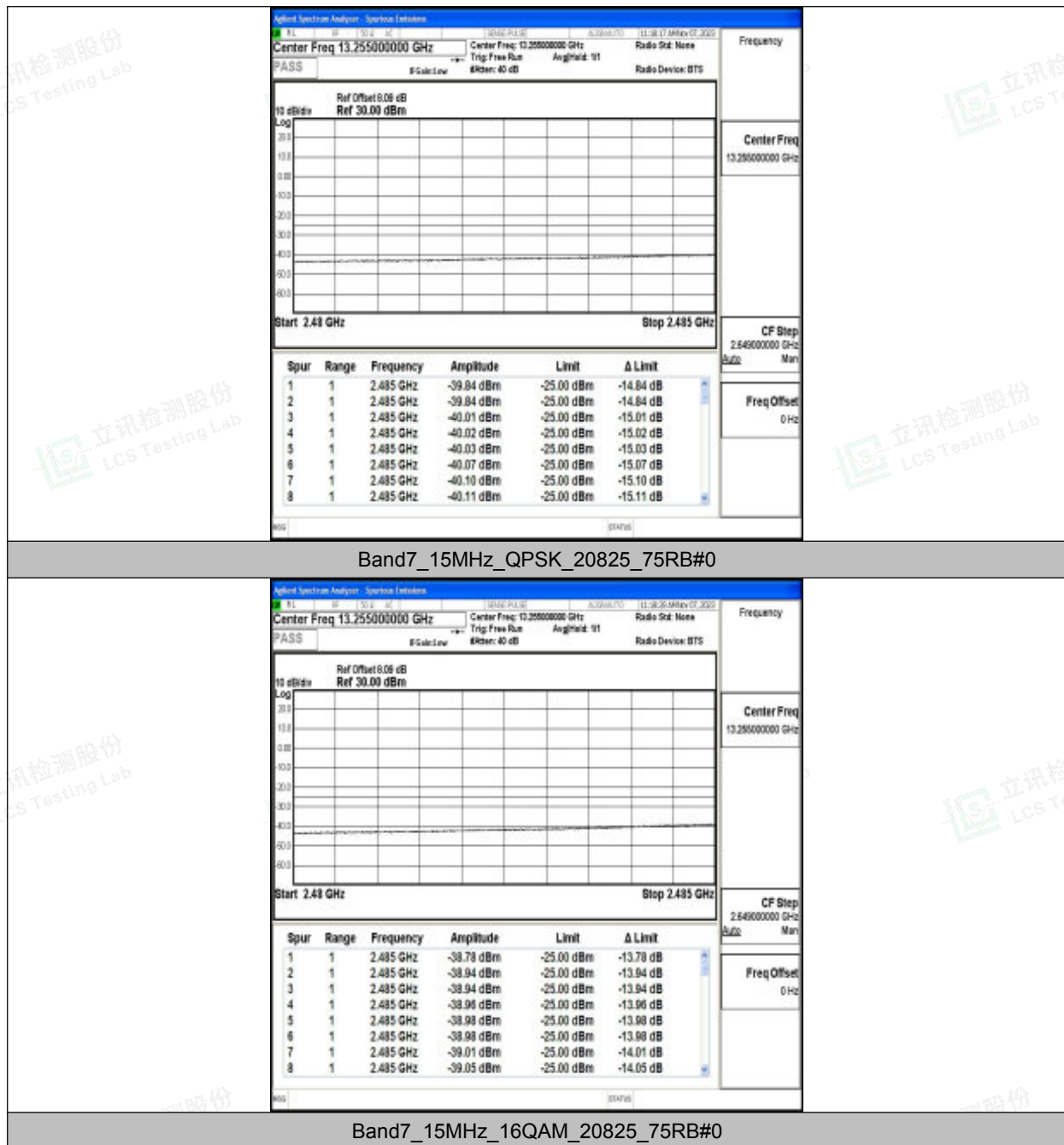


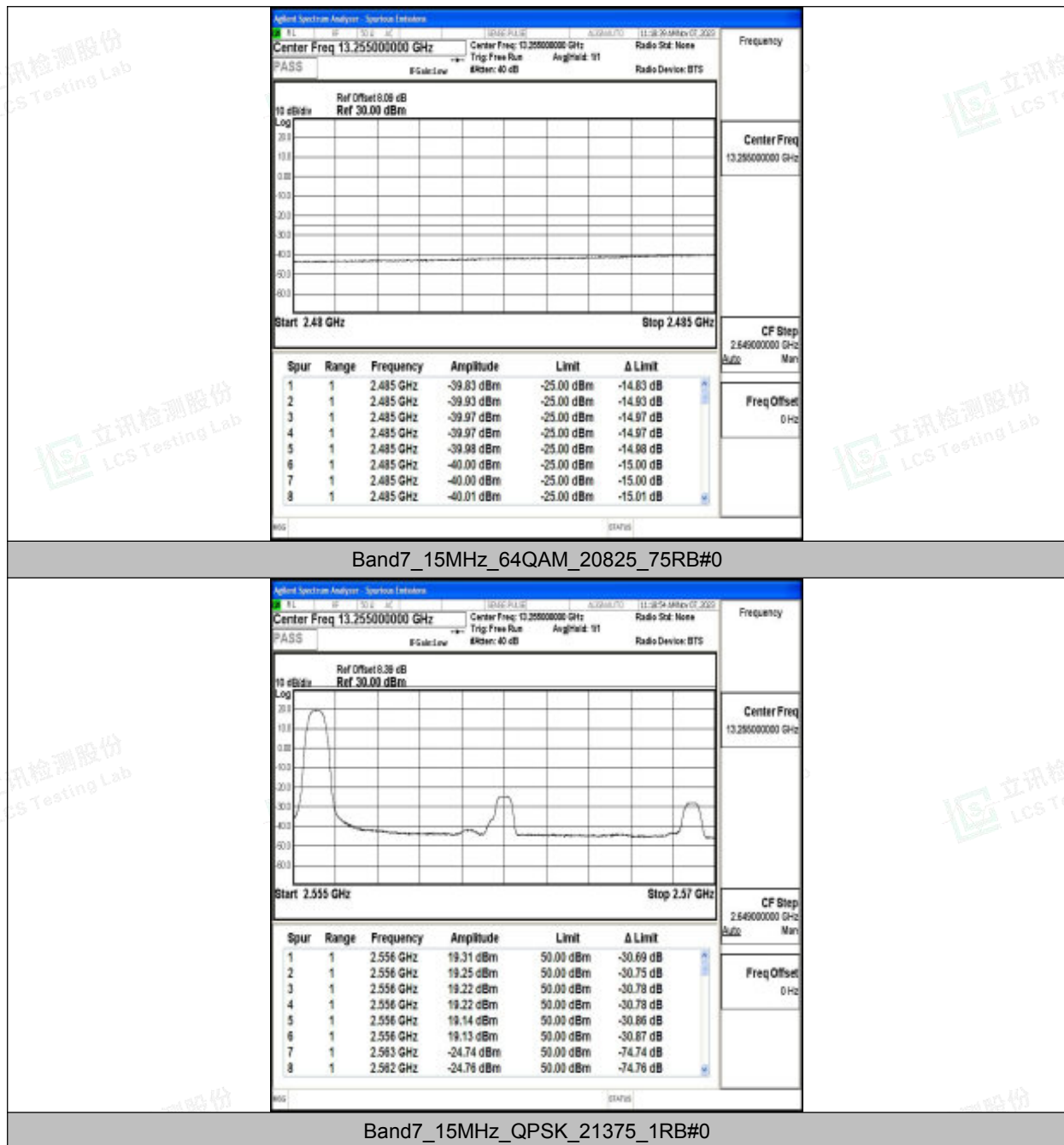


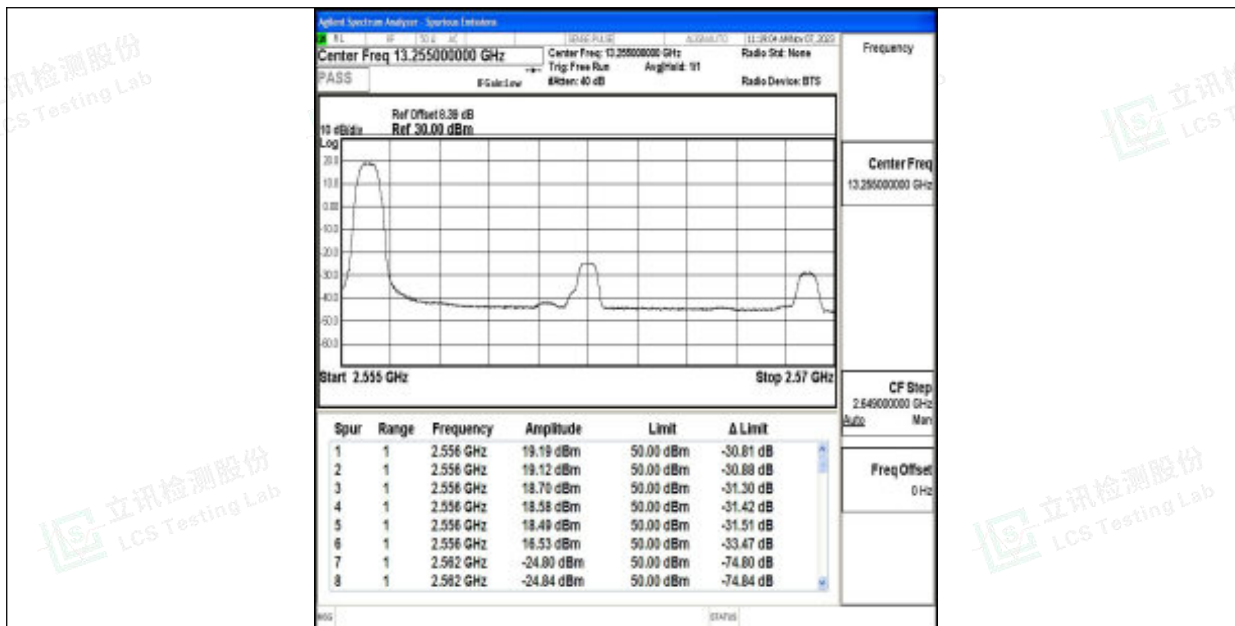




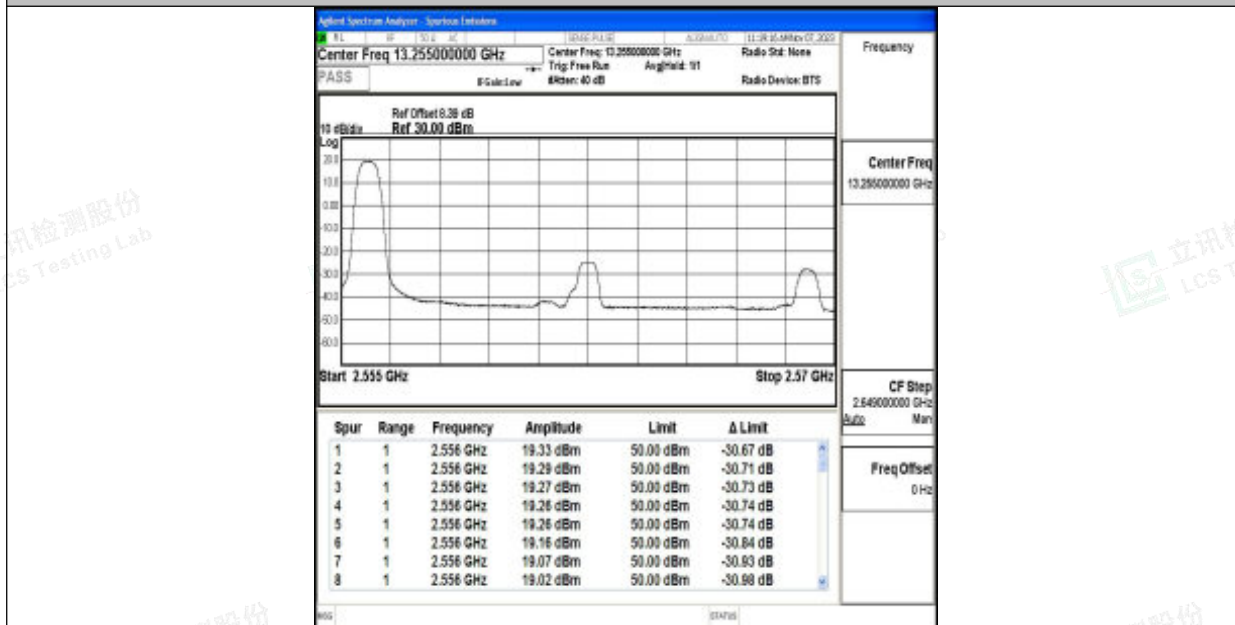








Band7_15MHz_16QAM_21375_1RB#0



Band7_15MHz_64QAM_21375_1RB#0



