



Appendix G: Test Data for E-UTRA Band 4

Product Name: Automatic Intelligent Medicine Dispenser

Test Model: GS01

Environmental Conditions

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



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G.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.74	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.82	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.75	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.91	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.71	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.86	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.80	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.71	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.78	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.77	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.78	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.67	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.95	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.35	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.65	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.34	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.63	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.23	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.65	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.28	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.46	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.72	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.66	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.01	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.67	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.01	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.82	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.34	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.69	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.21	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.70	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.26	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.61	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.32	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.87	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.92	PASS



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Band4	1.4MHz	QPSK	20393	3RB#1	22.86	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.90	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.91	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.92	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.07	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.36	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.02	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.37	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.96	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.33	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.93	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.26	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.23	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.66	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.26	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.75	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.27	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.76	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.27	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.57	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.73	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.51	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.74	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.43	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.93	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.09	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.04	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.43	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.04	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.54	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.93	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.45	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.20	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.88	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.37	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.90	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.35	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.80	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.37	PASS





Band4	3MHz	QPSK	20385	8RB#0	22.16	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.53	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.18	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.49	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.11	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.51	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.17	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.57	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.08	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.03	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.04	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.88	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.09	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.79	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.30	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.60	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.30	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.60	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.32	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.60	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.28	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.60	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.67	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.37	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.64	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.40	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.63	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.37	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.89	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.46	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.50	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.04	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.39	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.94	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.35	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.91	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.84	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.90	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.88	PASS





Band4	5MHz	QPSK	20375	1RB#24	23.17	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.11	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.27	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.46	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.29	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.41	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.26	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.47	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.18	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.48	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.97	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.37	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.88	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.31	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.87	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.28	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.31	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.52	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.26	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.52	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.15	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.42	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.20	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.53	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.85	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.13	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.71	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.03	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.71	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.32	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.94	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.43	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.89	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.42	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.01	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.45	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.03	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.37	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.62	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.65	PASS





Band4	10MHz	QPSK	20350	1RB#24	22.70	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.71	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.94	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.52	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.10	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.50	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.11	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.51	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.21	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.50	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.18	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.49	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.17	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.52	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.91	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.41	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.09	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.46	PASS
Band4	20MHz	QPSK	20050	00RB#0	22.17	PASS
Band4	20MHz	16QAM	20050	00RB#0	22.12	PASS
Band4	20MHz	QPSK	20175	00RB#0	21.97	PASS
Band4	20MHz	16QAM	20175	00RB#0	22.02	PASS
Band4	20MHz	QPSK	20300	00RB#0	22.15	PASS
Band4	20MHz	16QAM	20300	00RB#0	22.12	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	4.37	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	4.96	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.75	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.32	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.28	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	4.90	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.33	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	4.94	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.64	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.30	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.18	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	4.88	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.87	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.38	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.03	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.60	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.72	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.28	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.96	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.54	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.02	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.64	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.69	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.30	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.26	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.71	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.30	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.77	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.92	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.38	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.04	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.67	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.00	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.66	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.71	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.29	13	PASS



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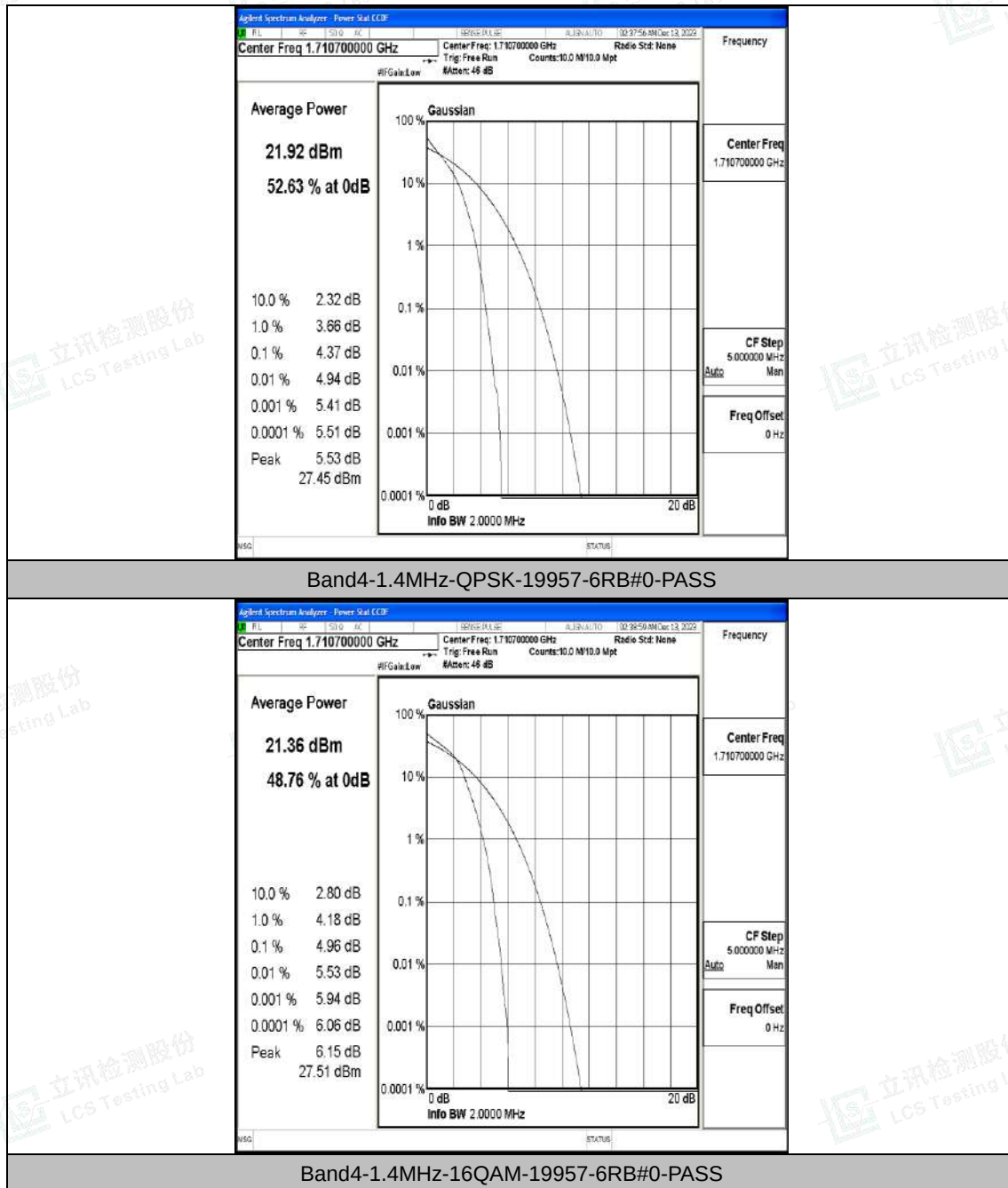
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Test Graphs

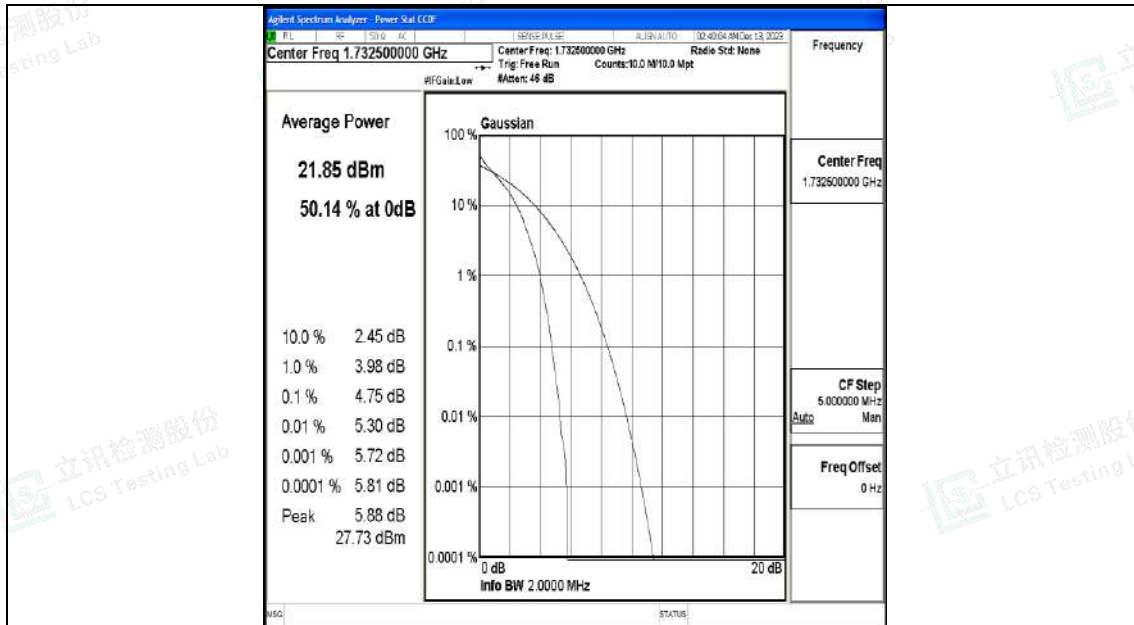


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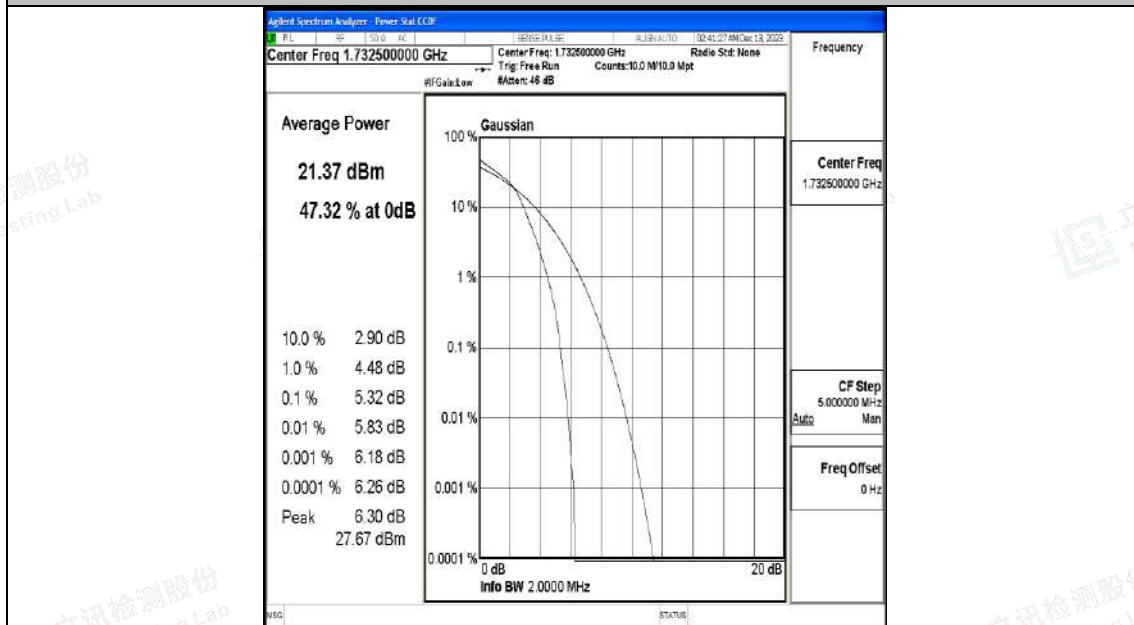
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Band4-1.4MHz-QPSK-20175-6RB#0-PASS



Band4-1.4MHz-16QAM-20175-6RB#0-PASS

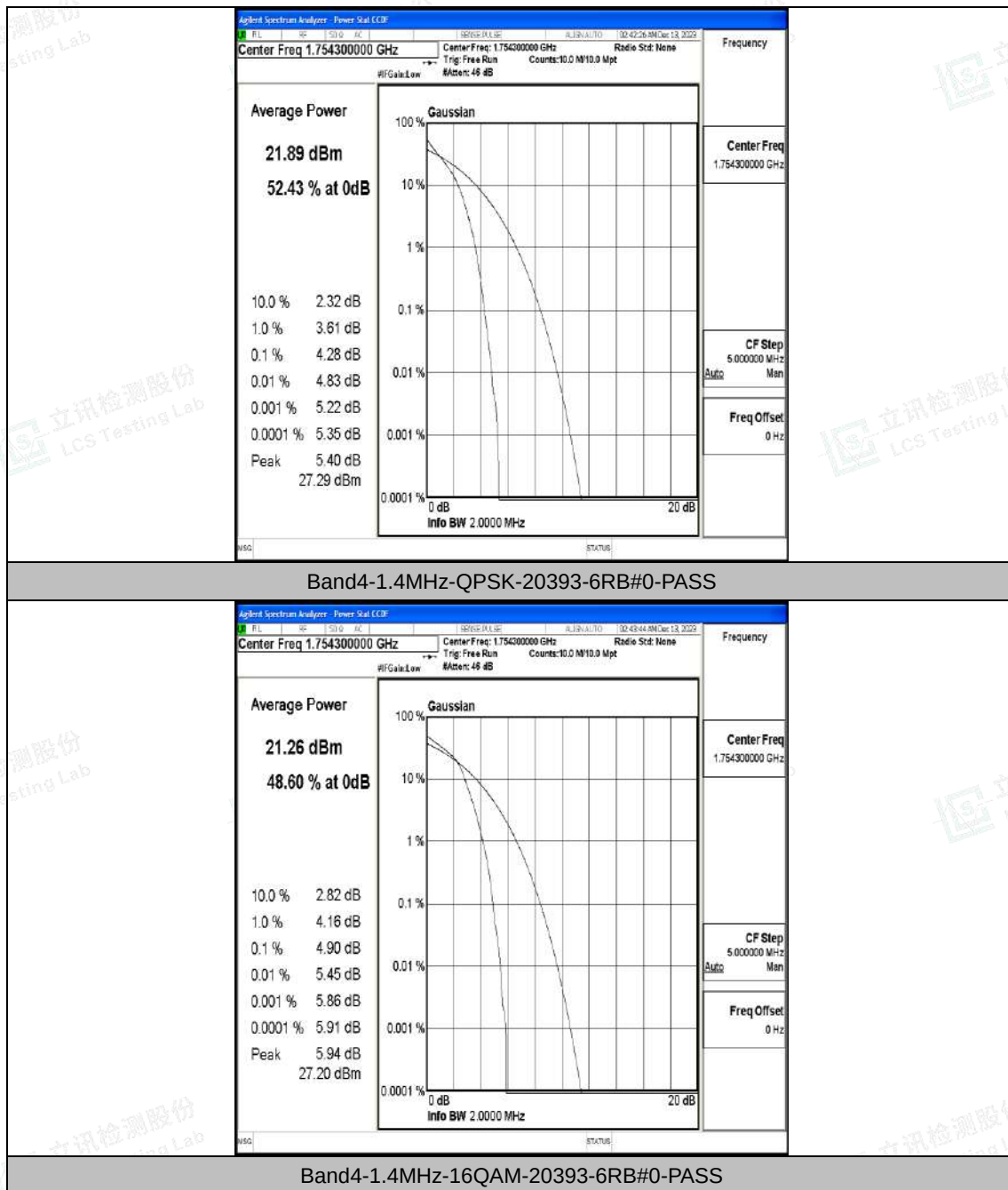


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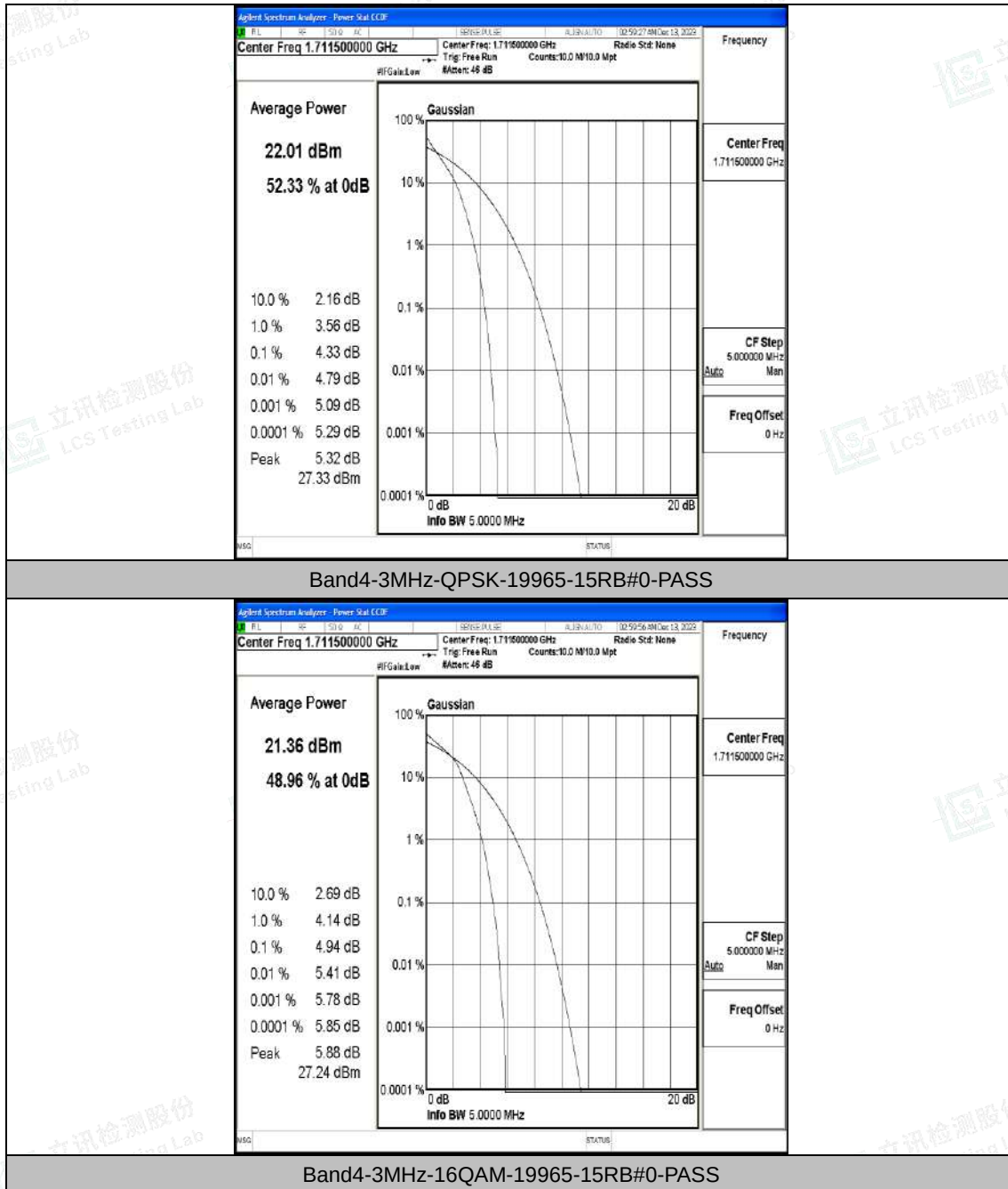


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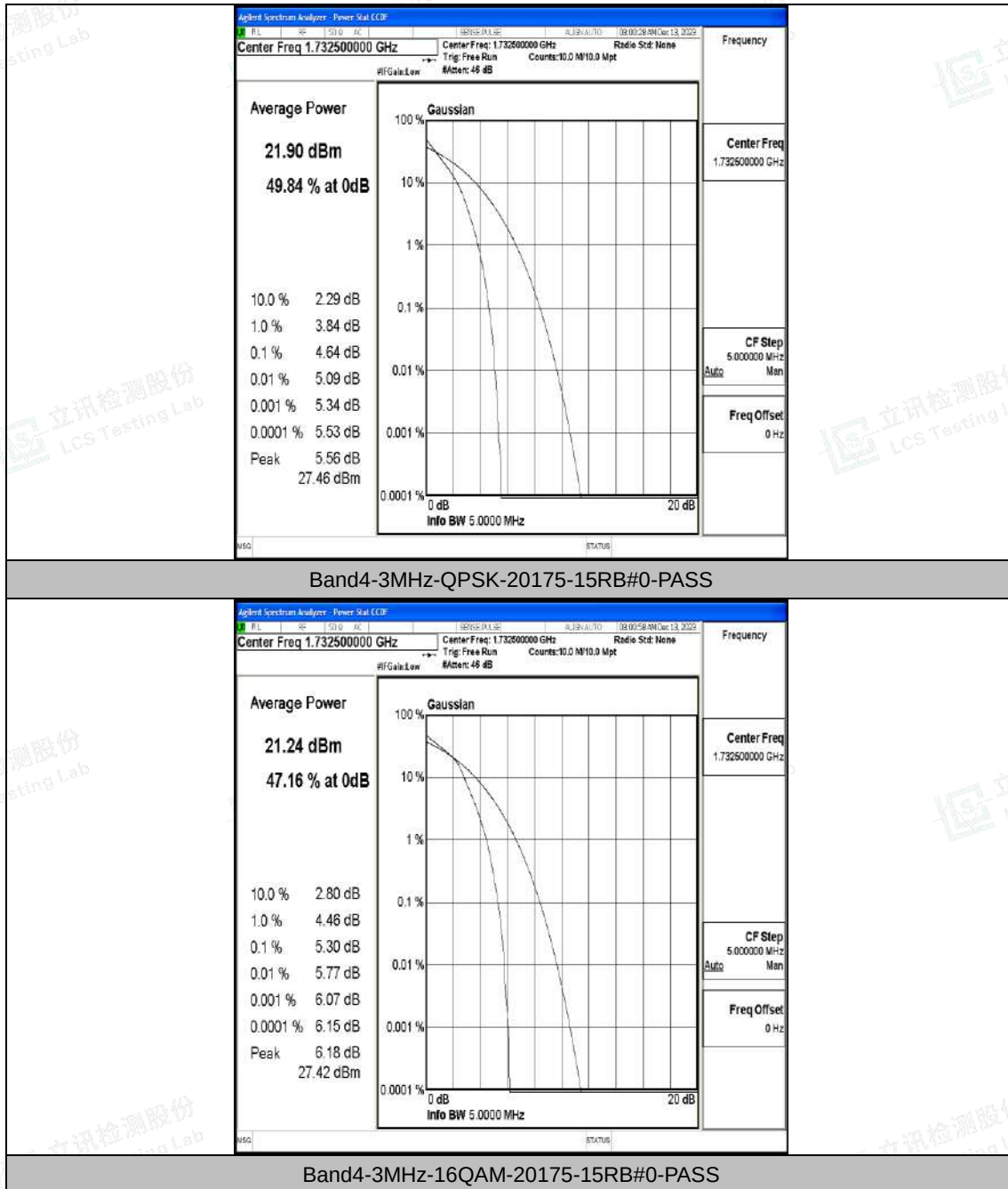


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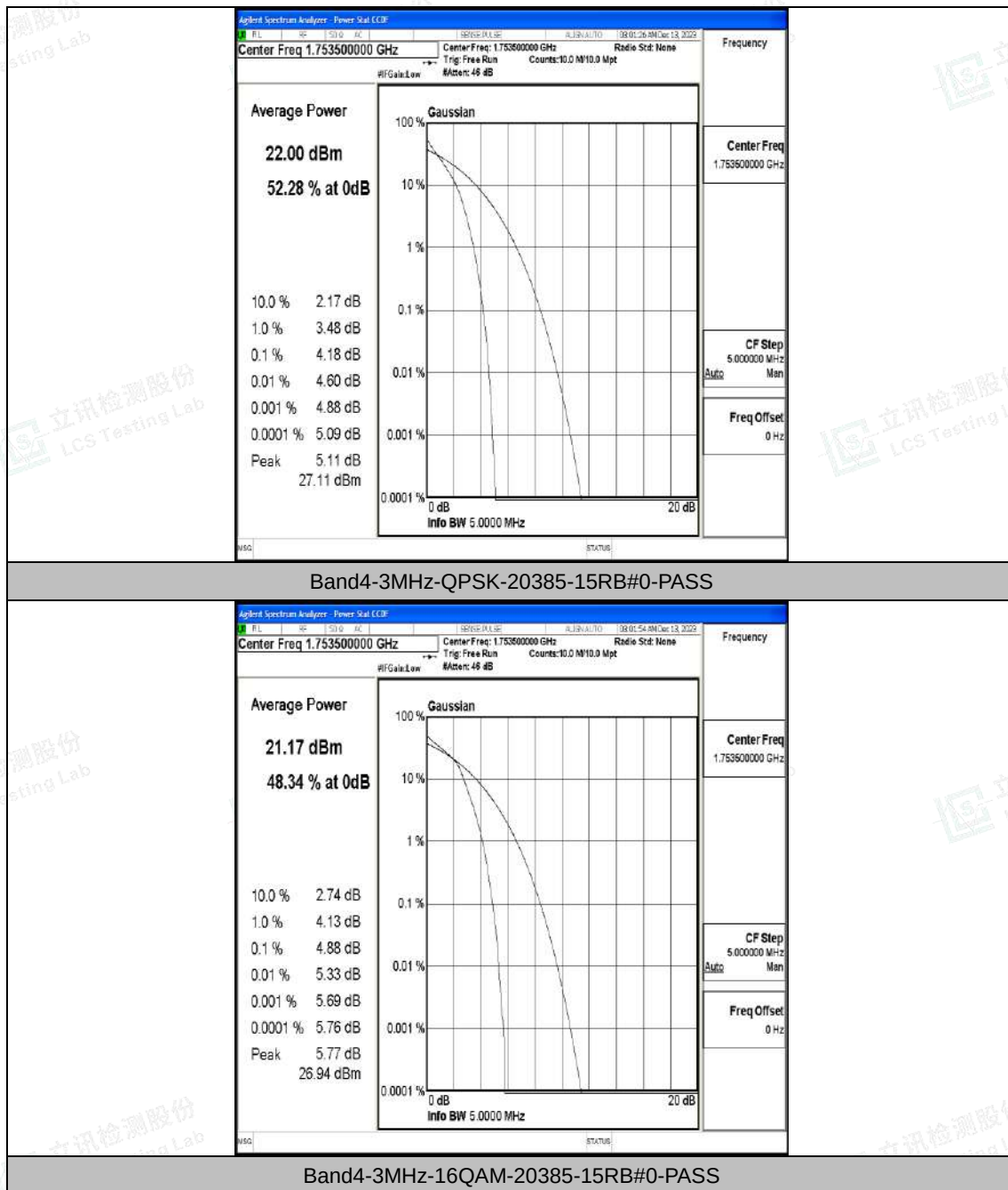


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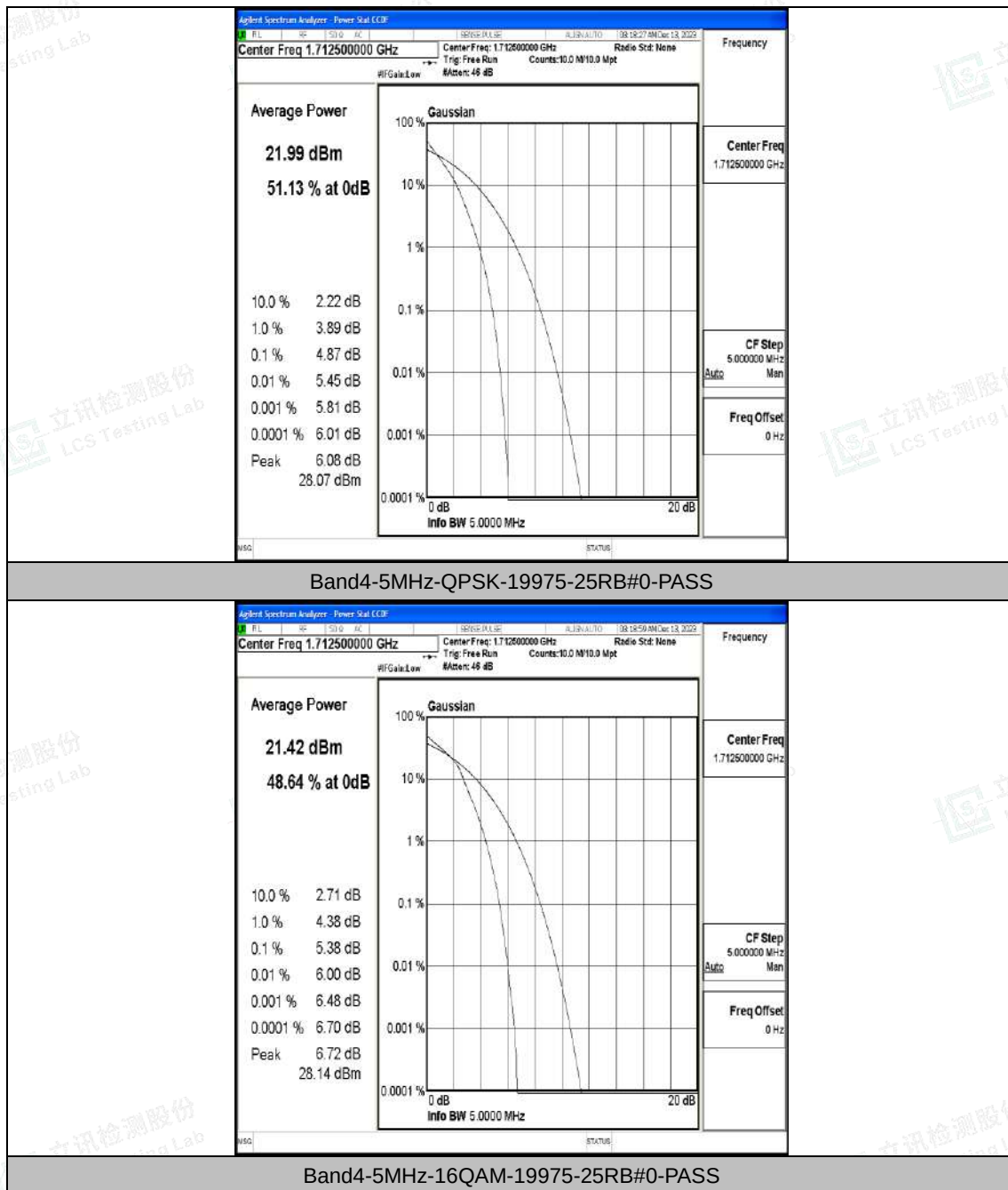


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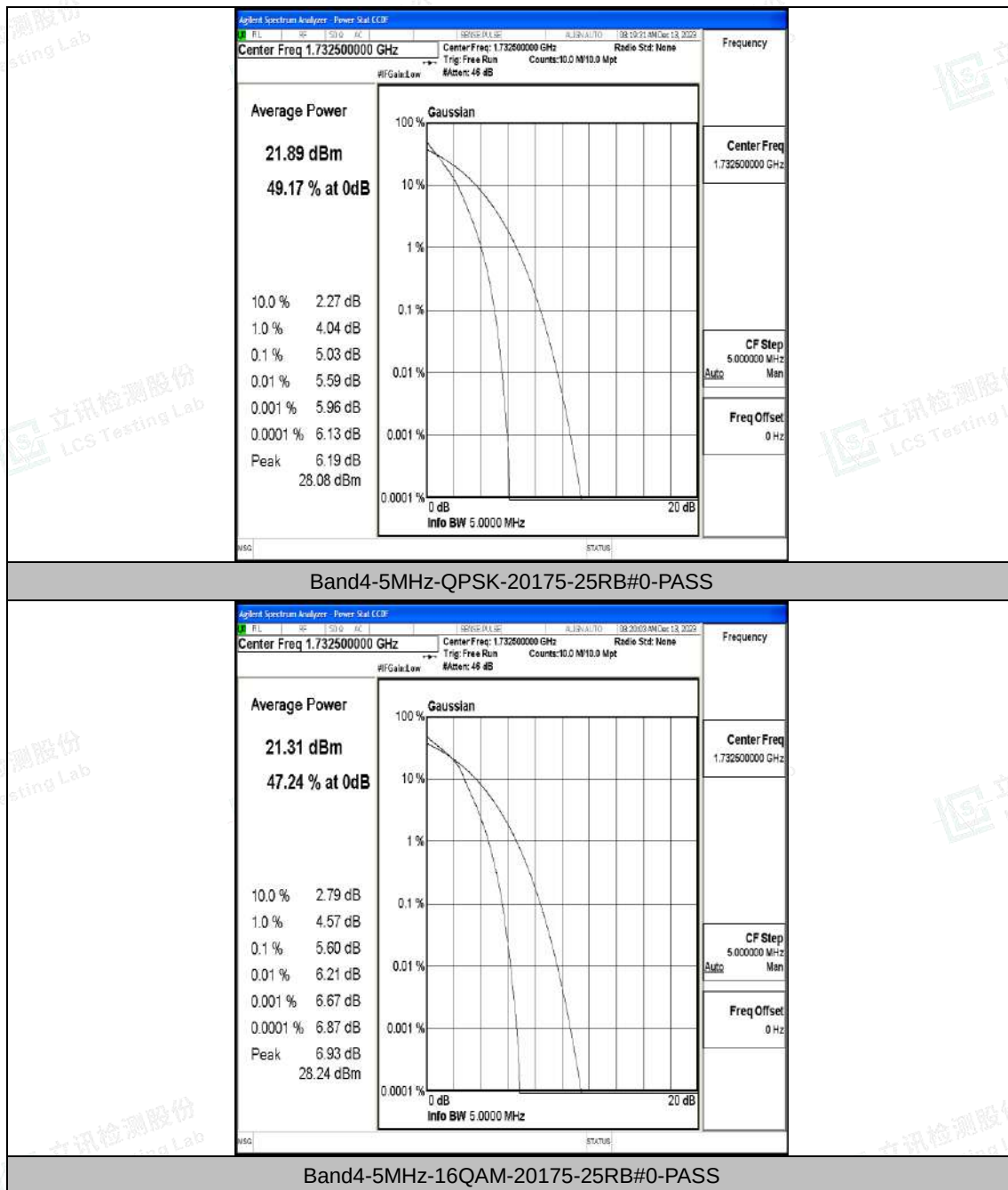


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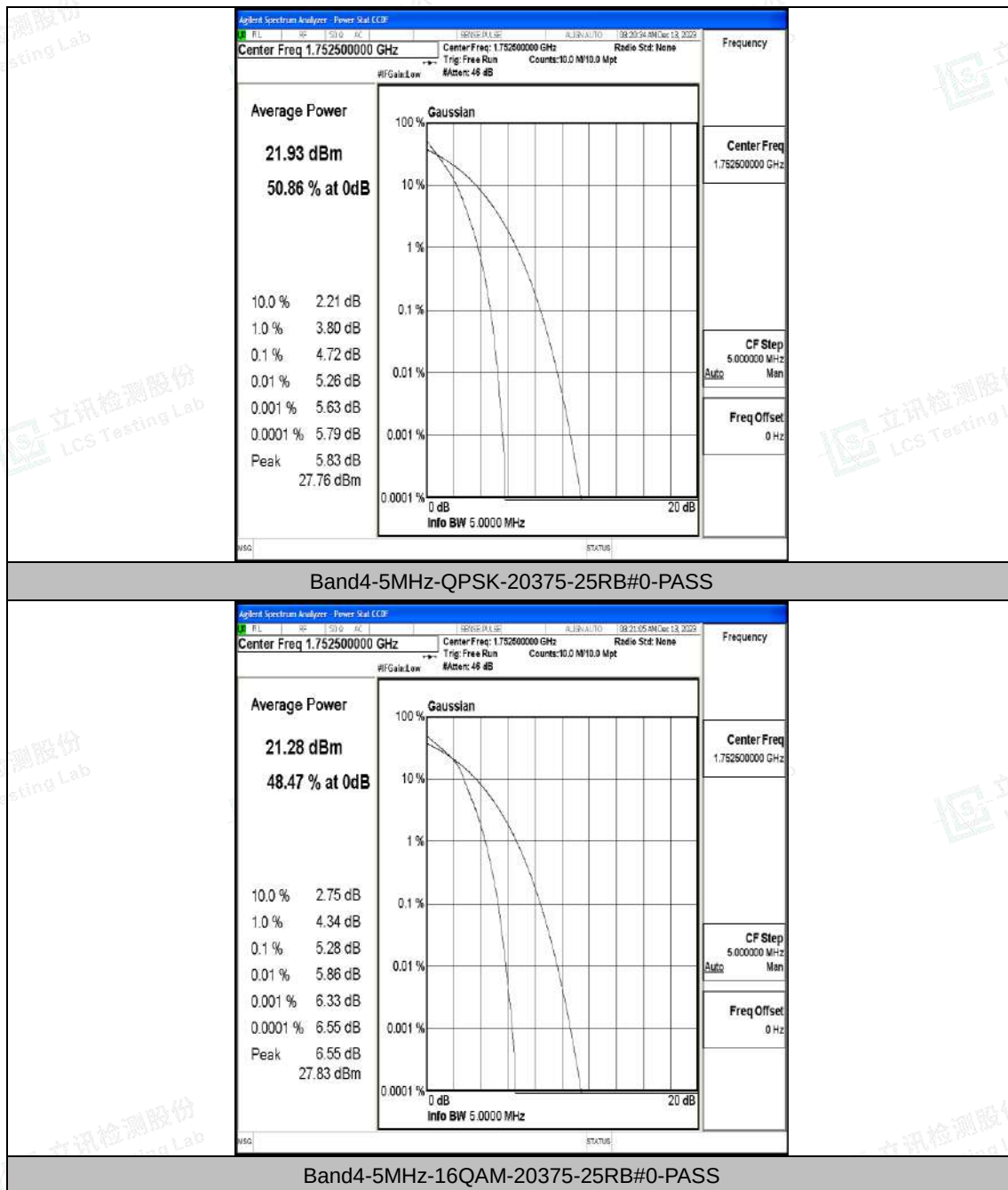


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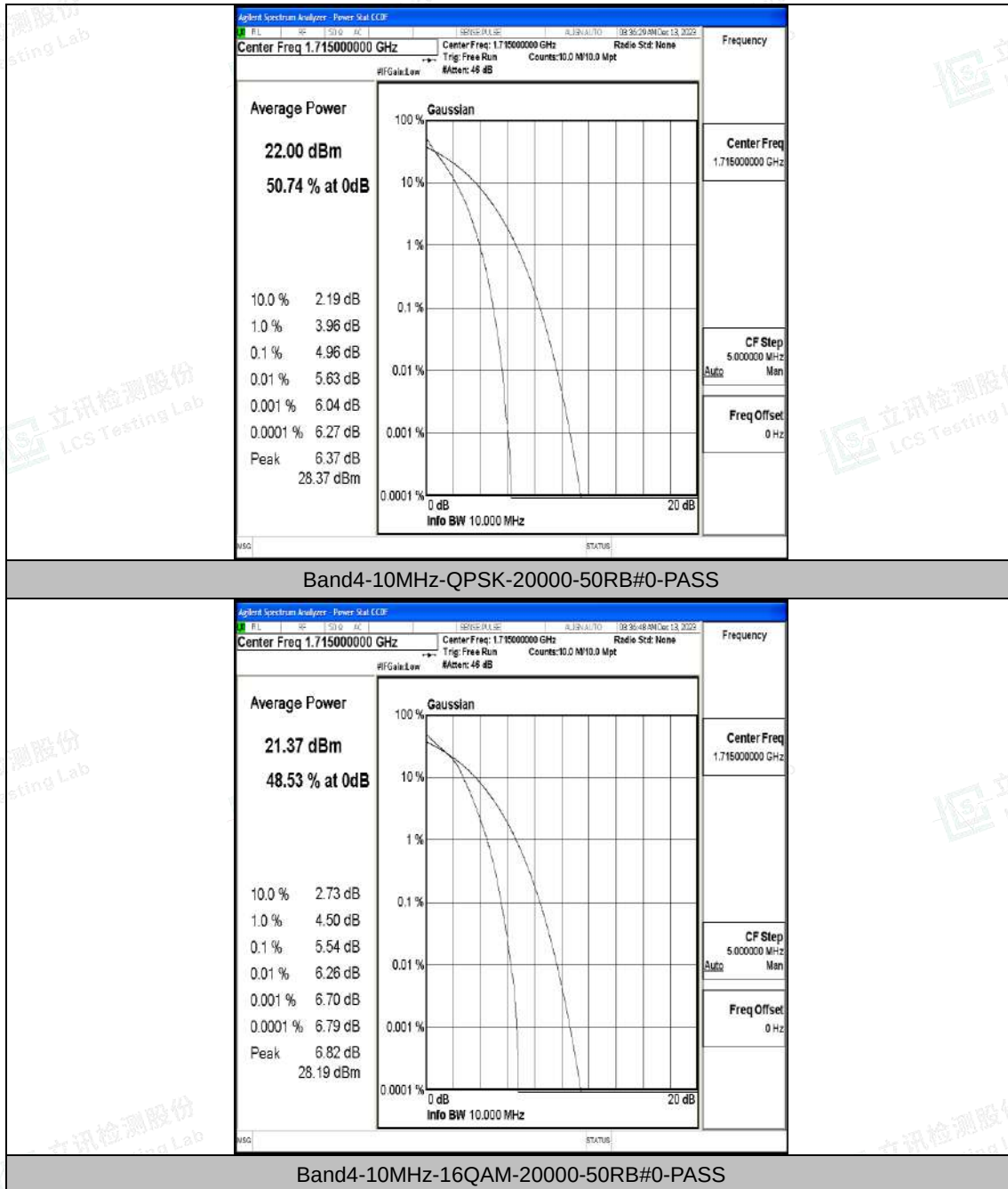


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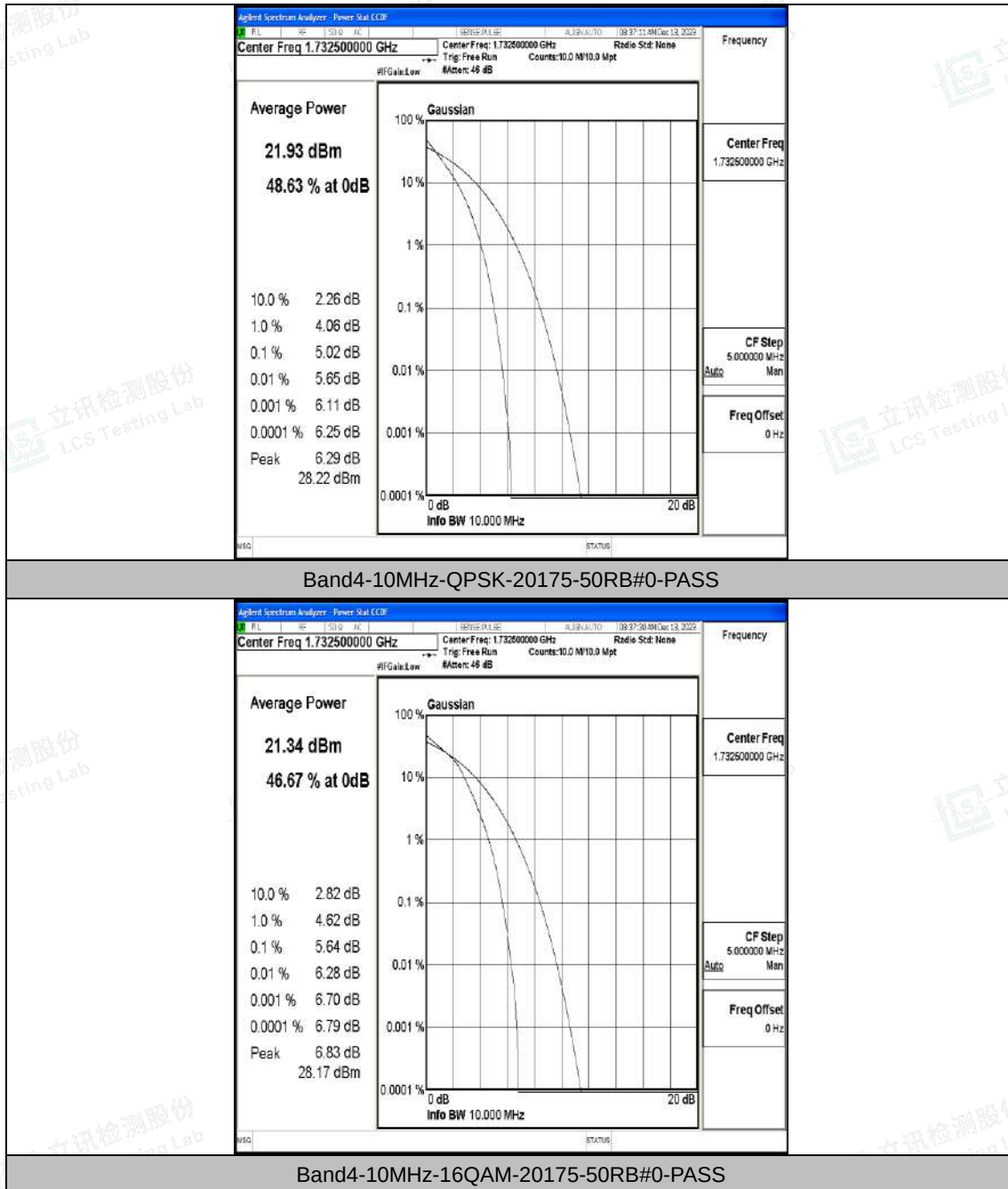


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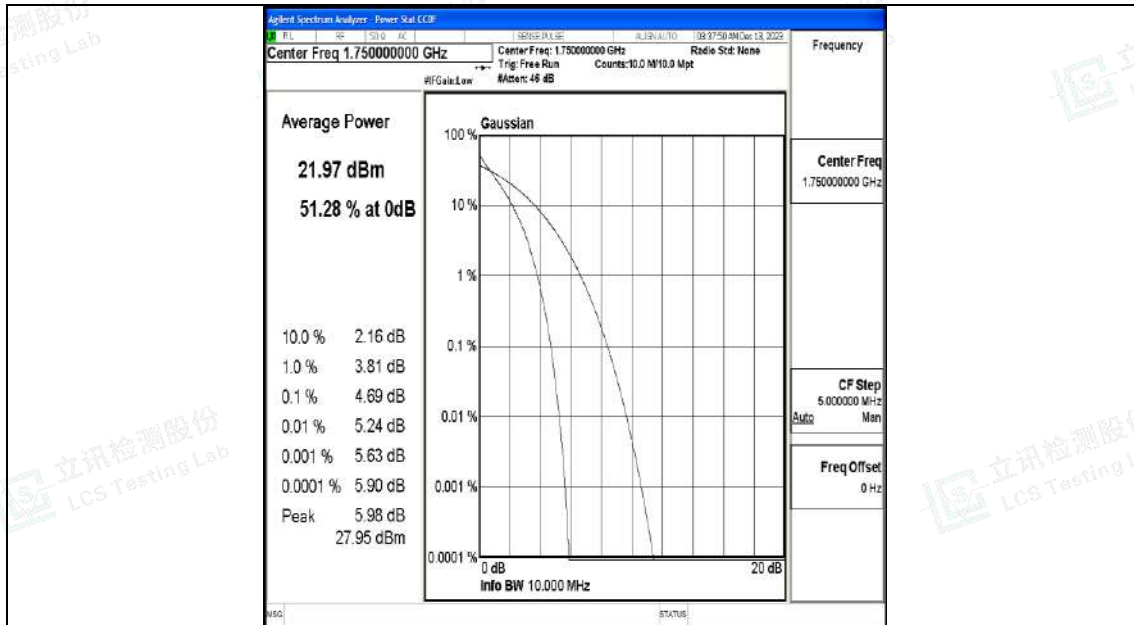


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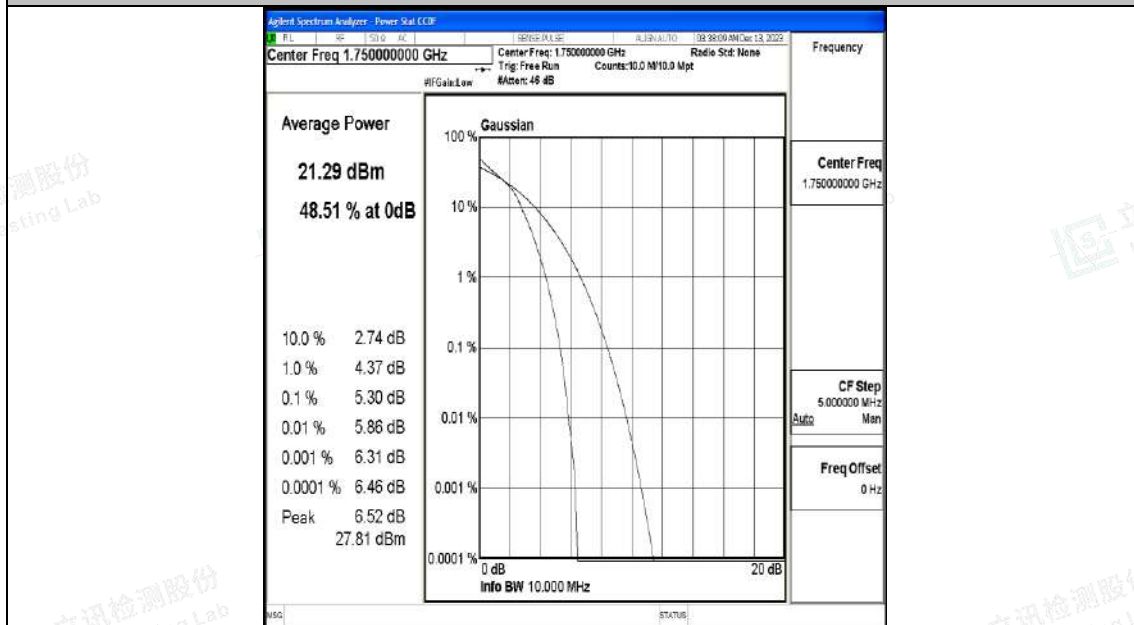
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Band4-10MHz-QPSK-20350-50RB#0-PASS



Band4-10MHz-16QAM-20350-50RB#0-PASS

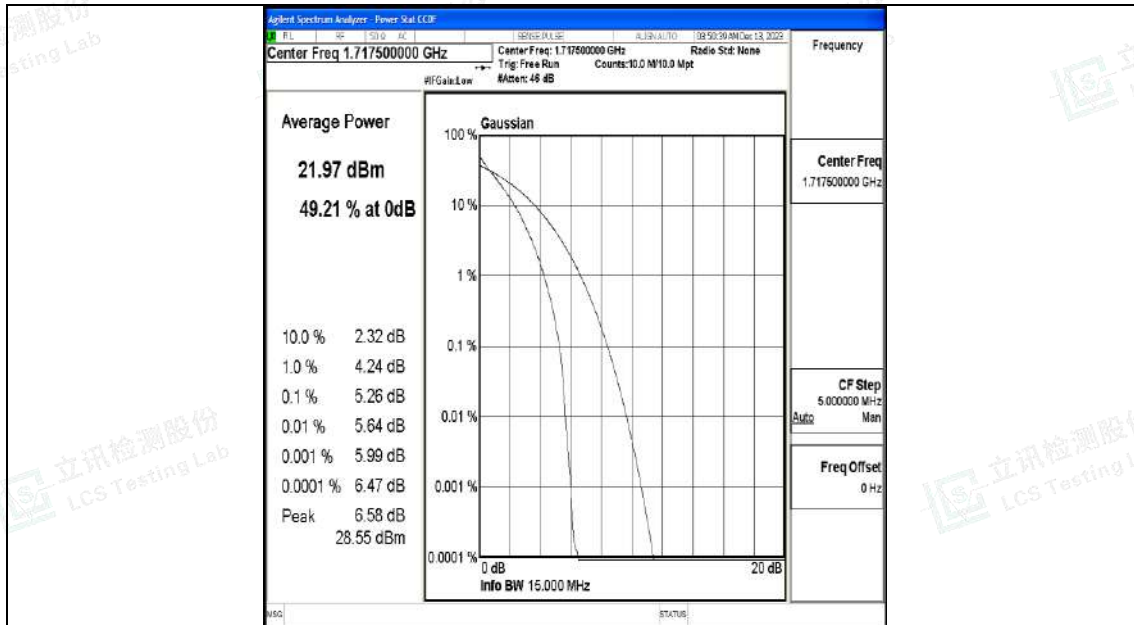


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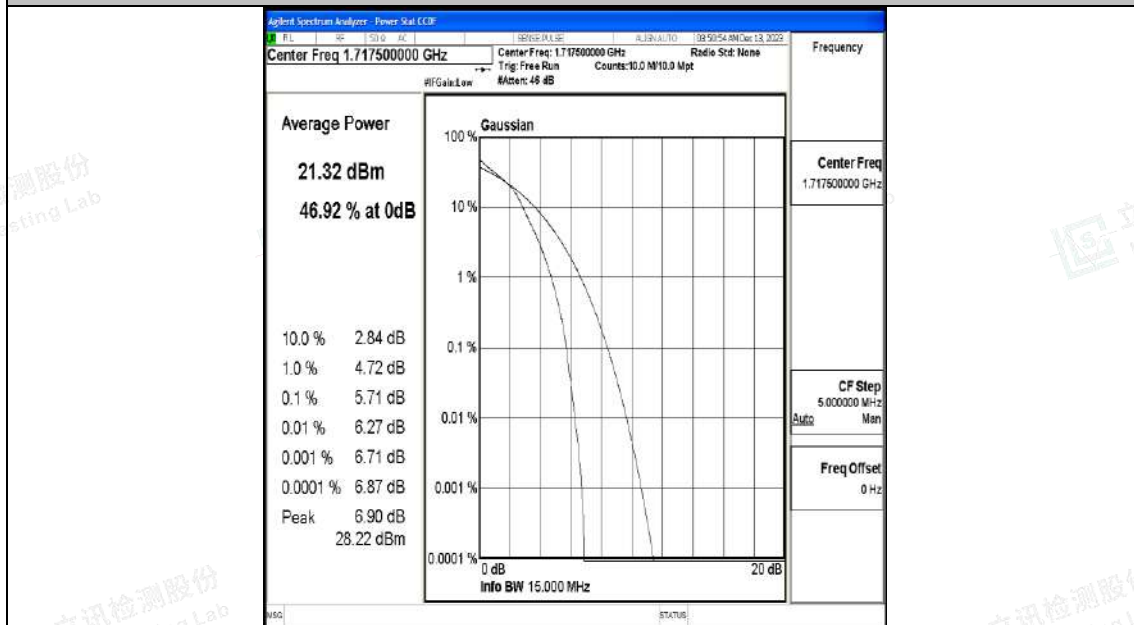
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Band4-15MHz-QPSK-20025-75RB#0-PASS



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

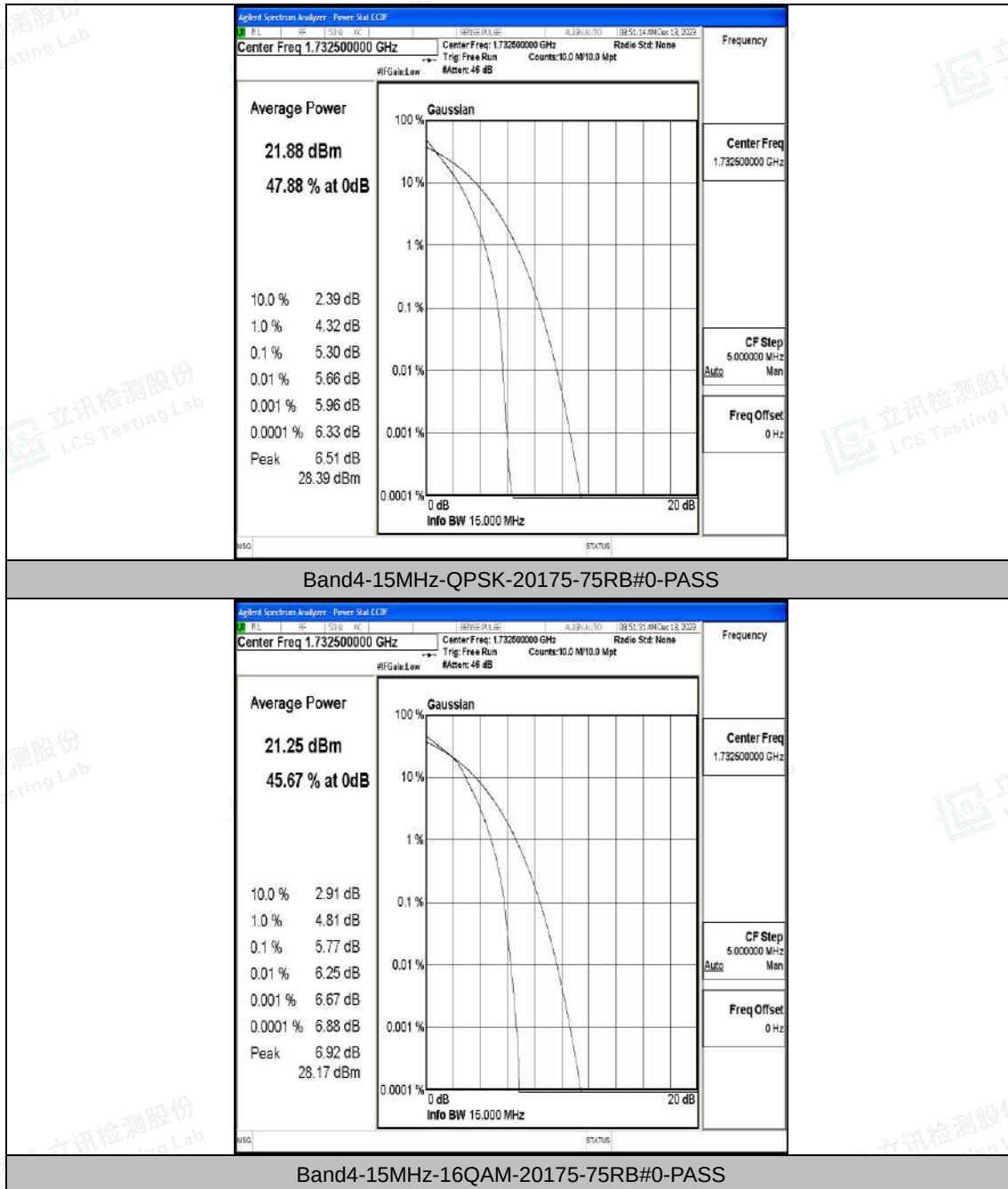


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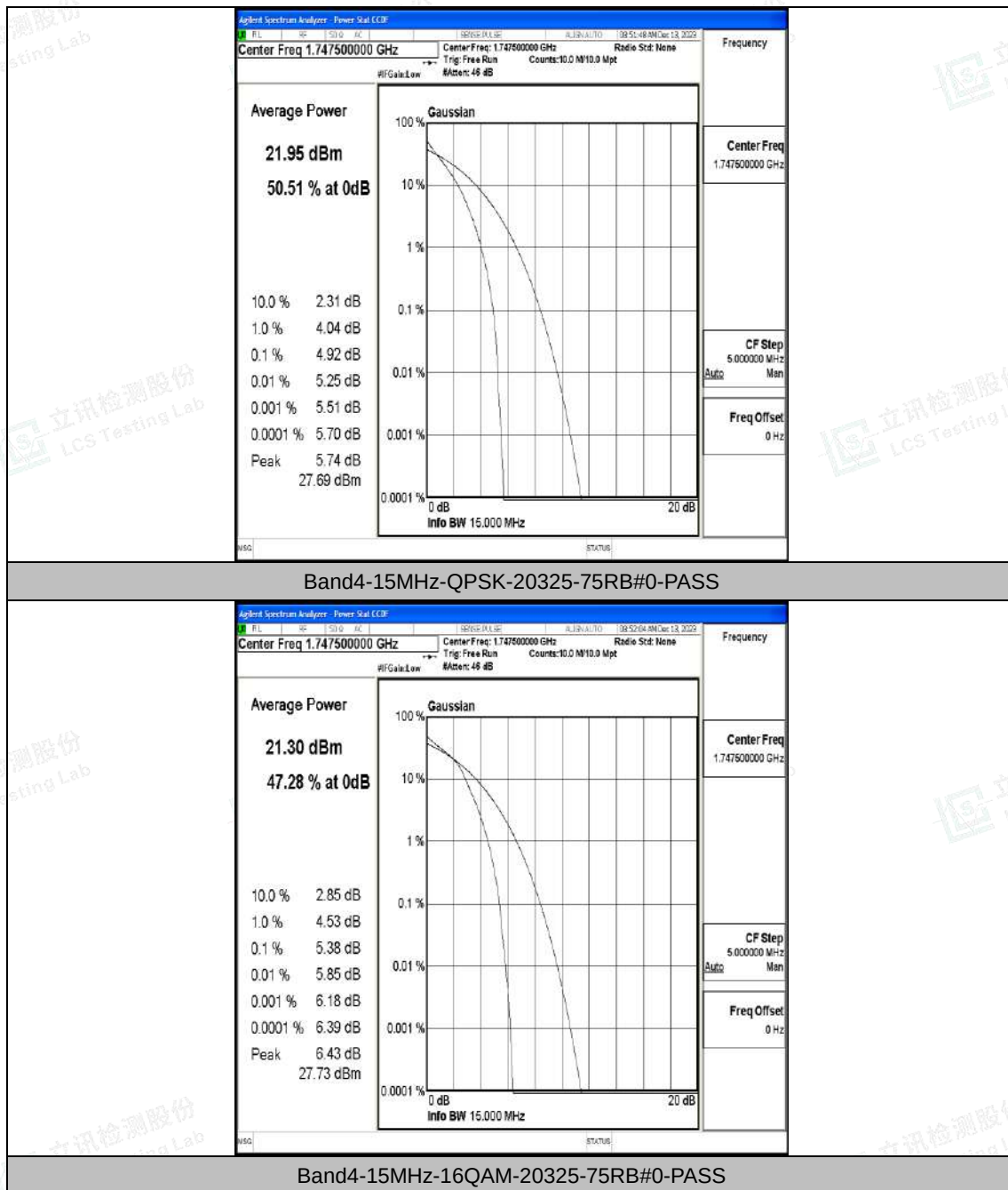


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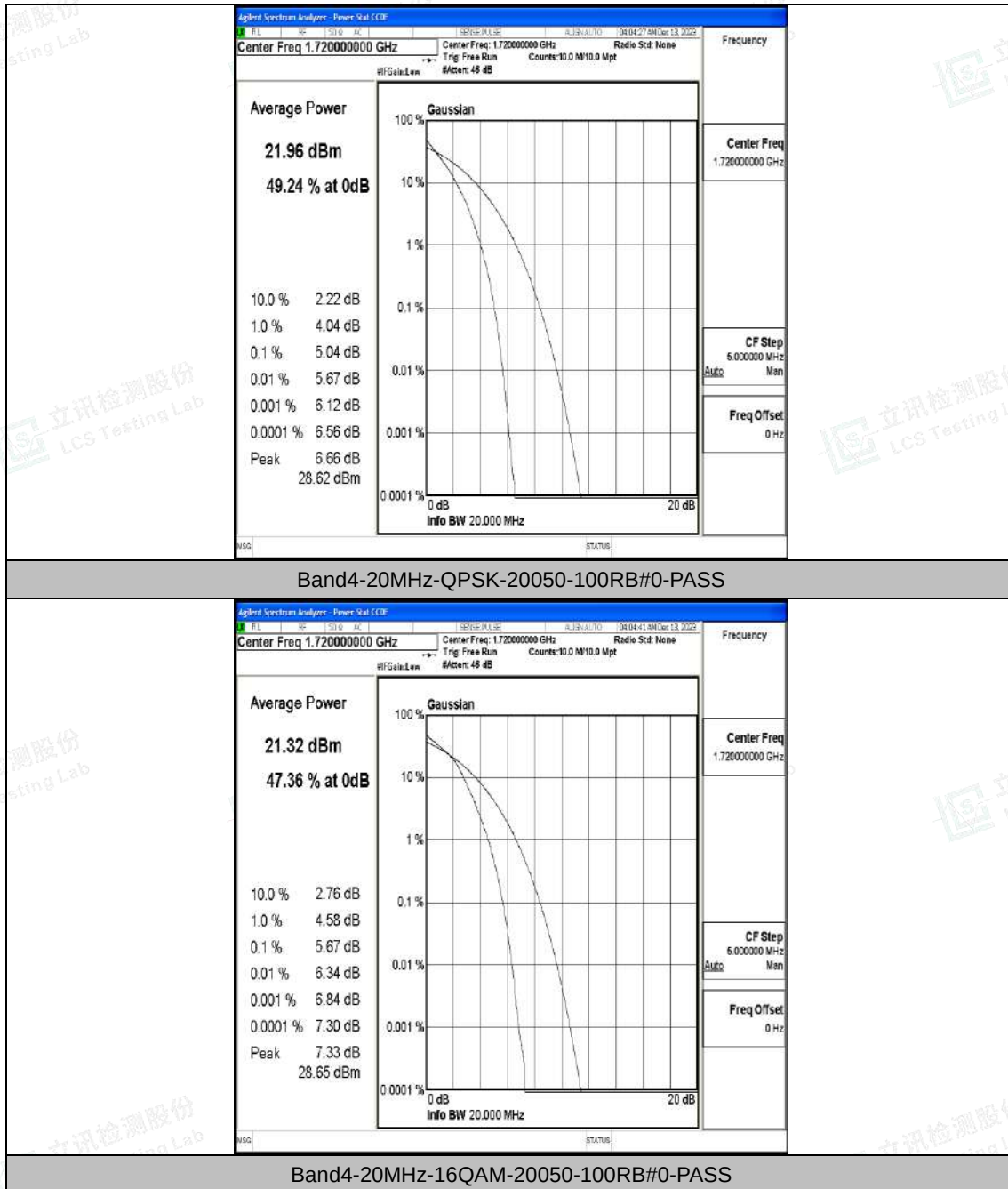


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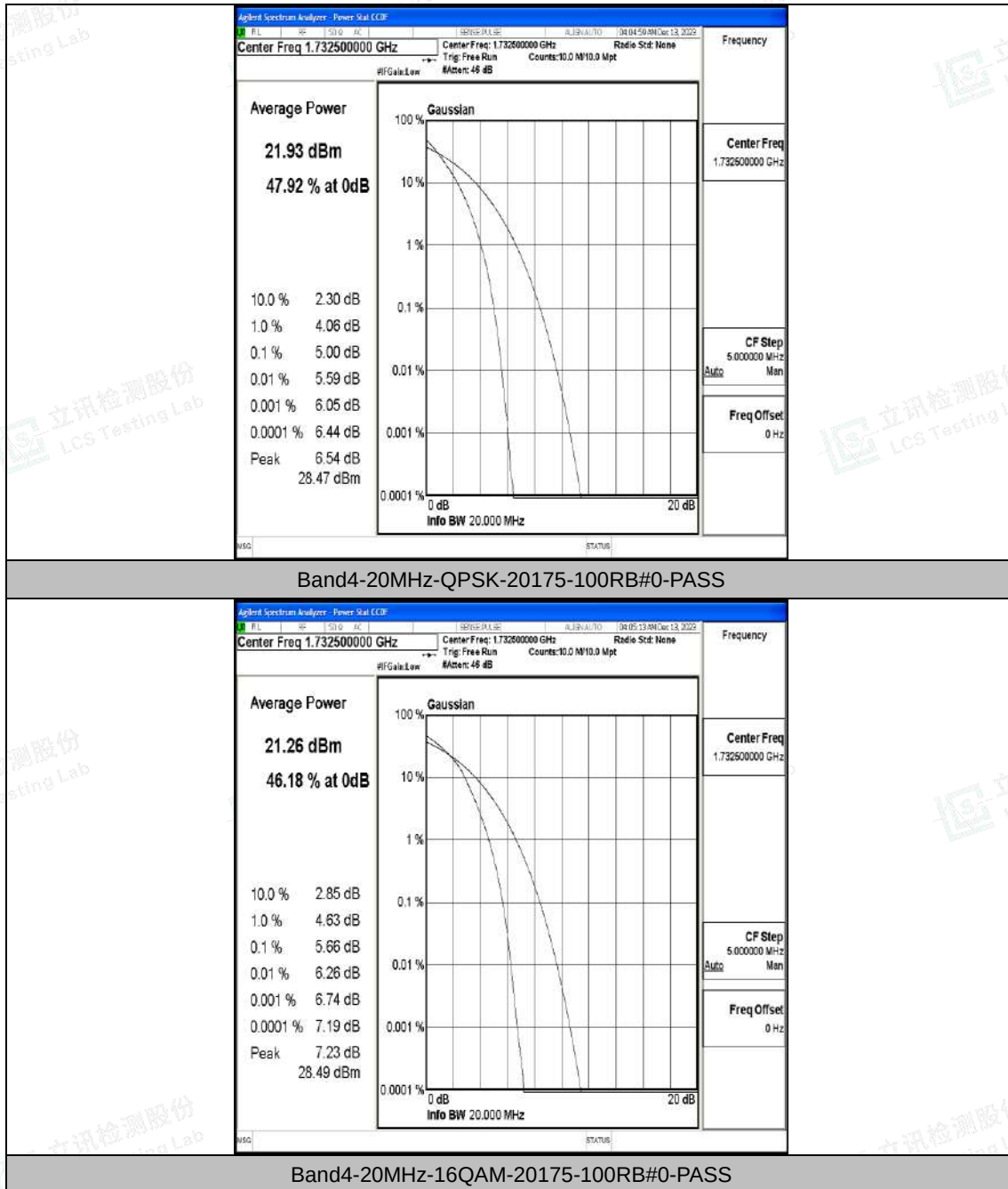


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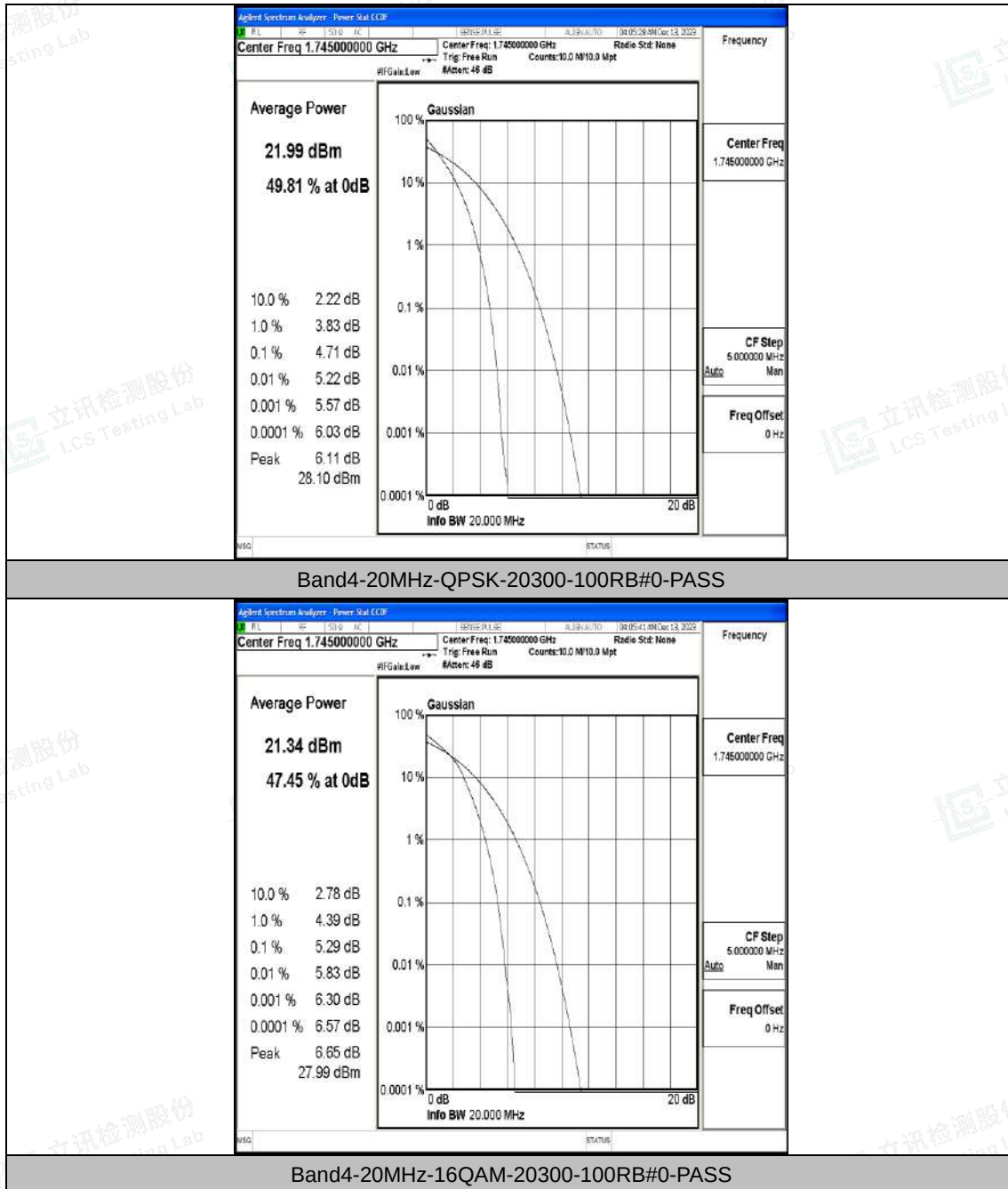


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G.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0957	1.305	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1091	1.369	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0971	1.396	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1023	1.282	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0989	1.326	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1043	1.471	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7215	3.325	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7059	3.067	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7163	3.142	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7052	3.124	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7181	3.124	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7129	3.110	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5452	5.459	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5369	5.363	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5242	5.322	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5204	5.299	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5322	5.289	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5268	5.454	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0078	9.985	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0158	10.26	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9920	10.07	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0071	10.10	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0055	10.43	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0125	10.07	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.527	15.48	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.498	14.84	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.561	15.32	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.547	15.09	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.527	15.52	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.500	14.92	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.023	19.86	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.066	20.05	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.037	20.12	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.044	19.85	PASS



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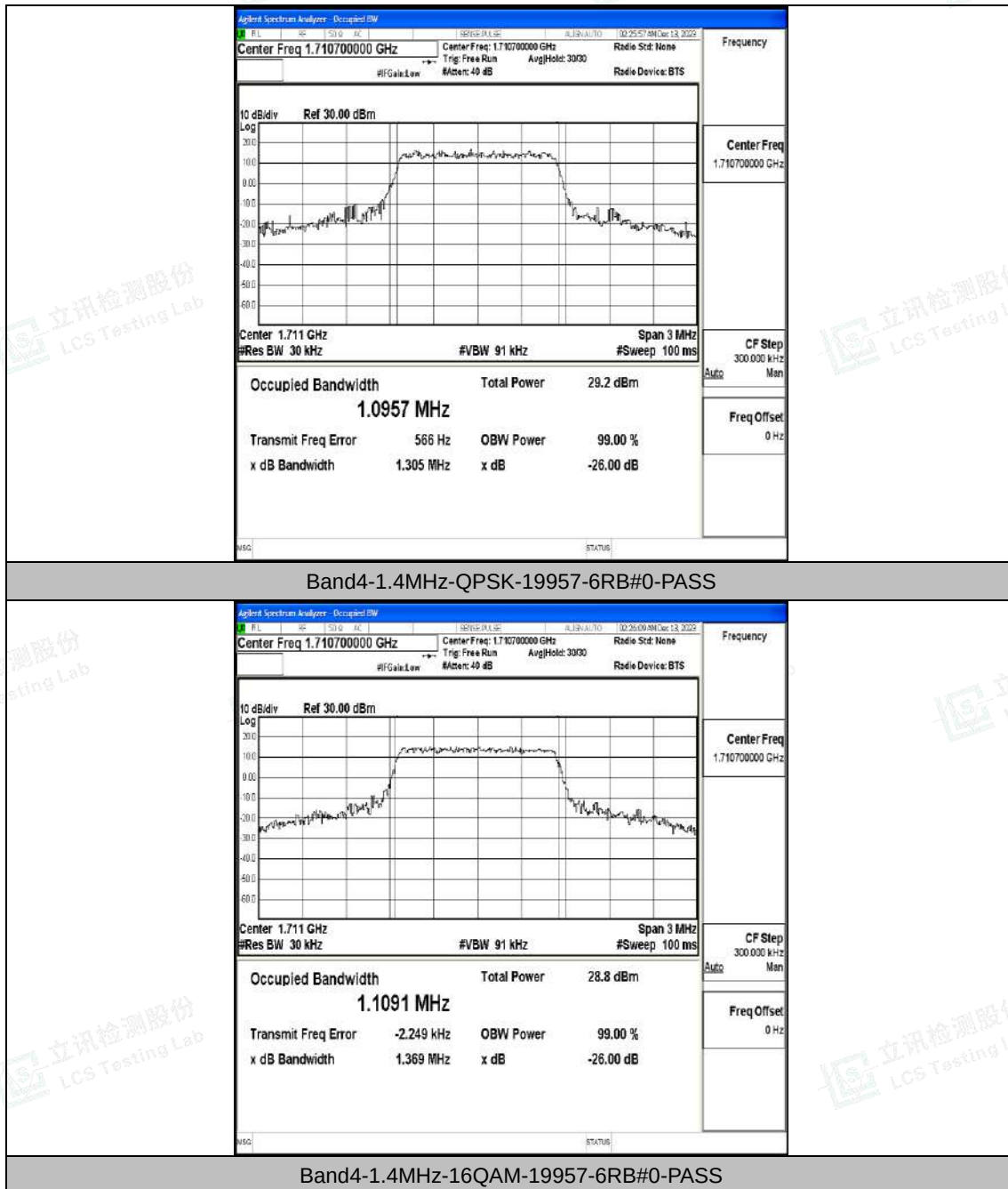


Band4	20MHz	QPSK	20300	100RB#0	18.062	20.25	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.034	21.54	PASS





Test Graphs

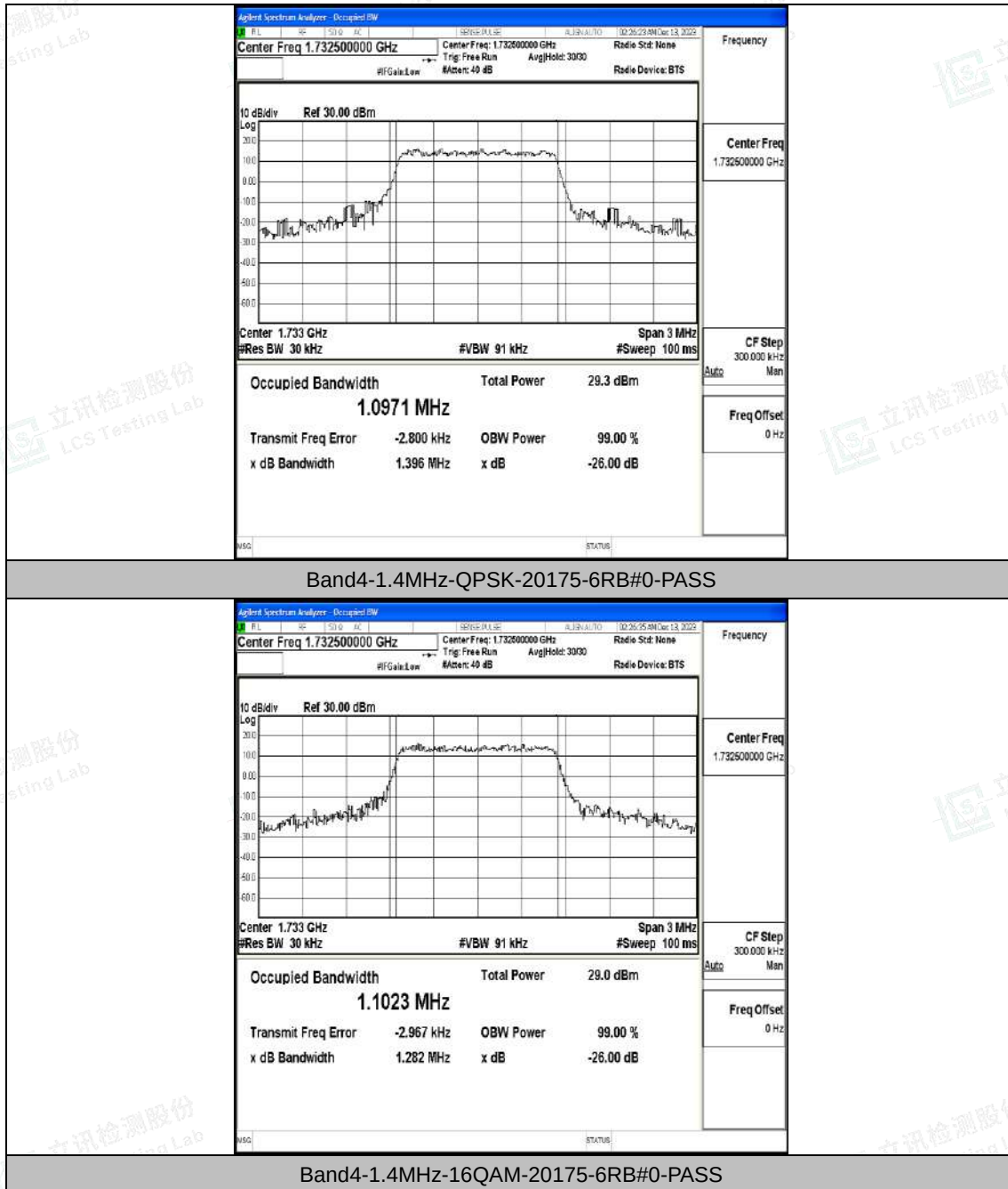


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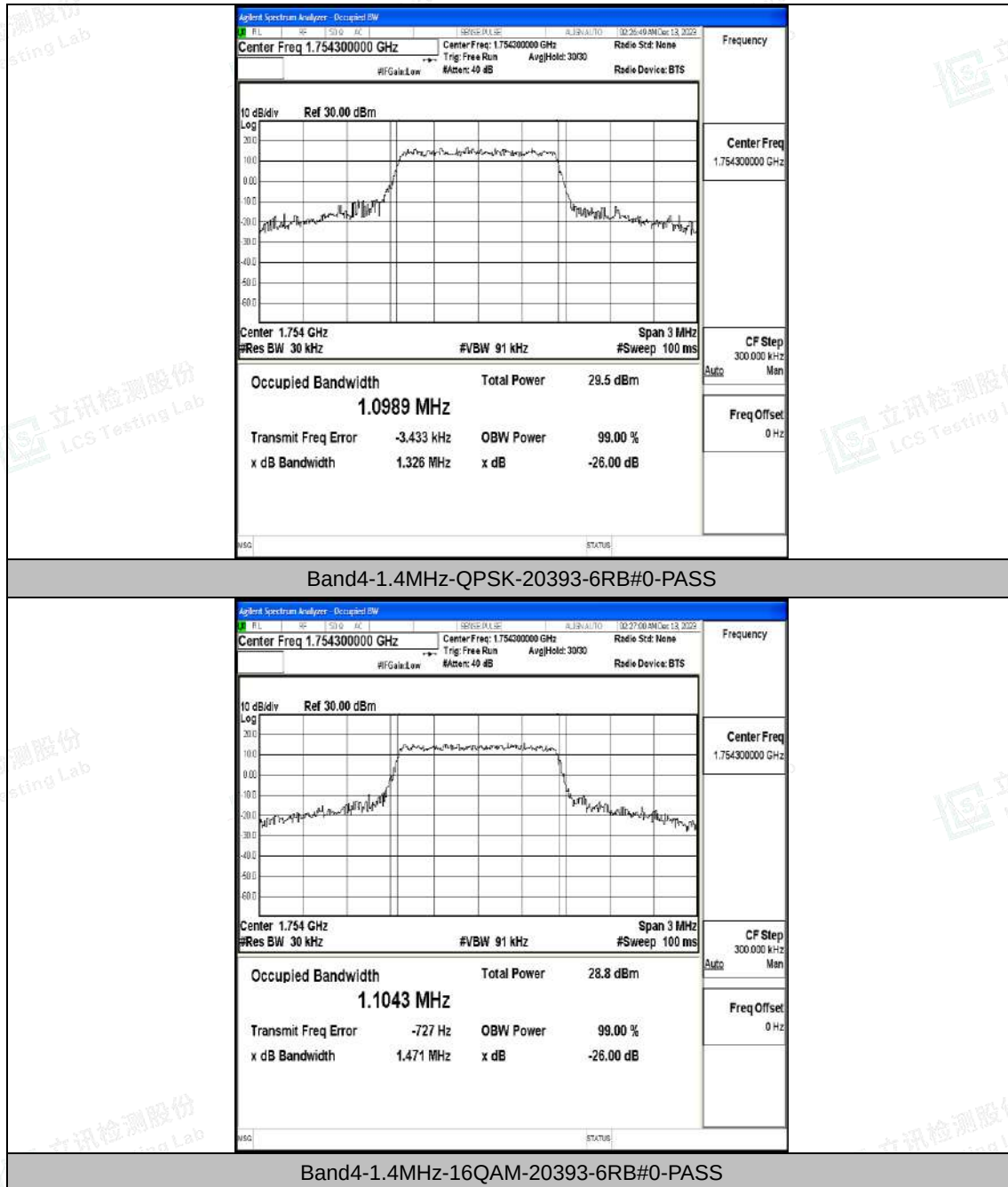


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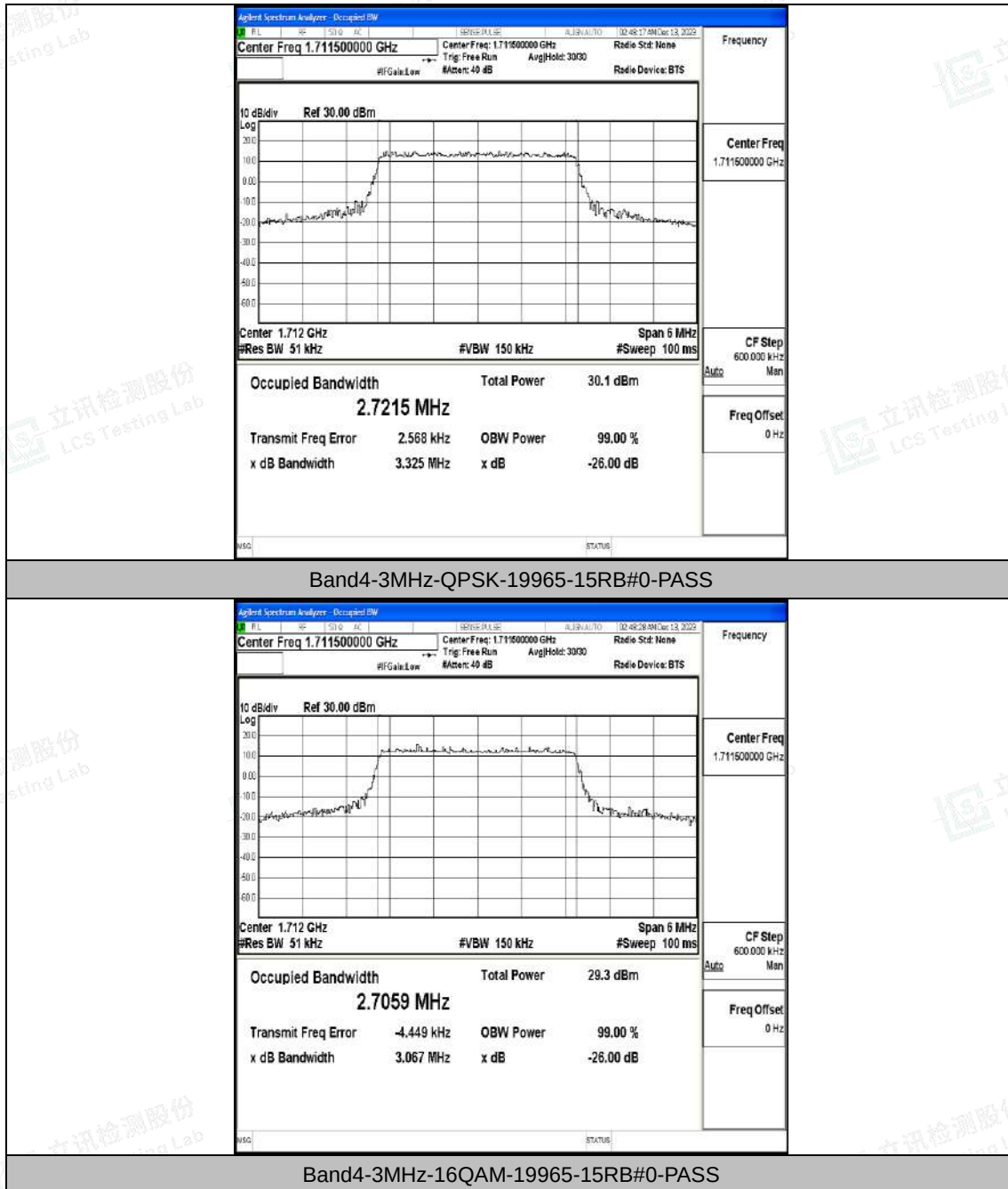


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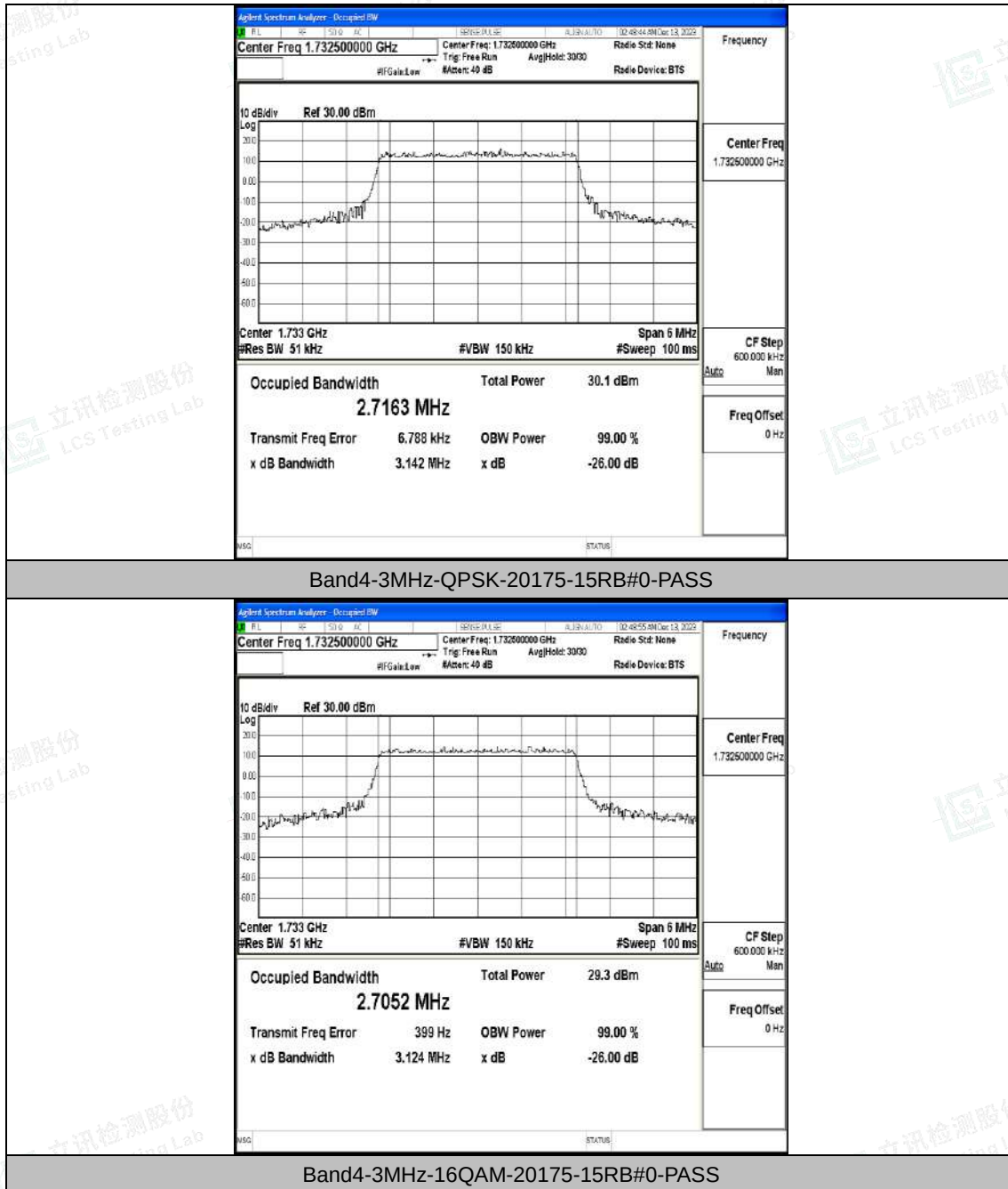


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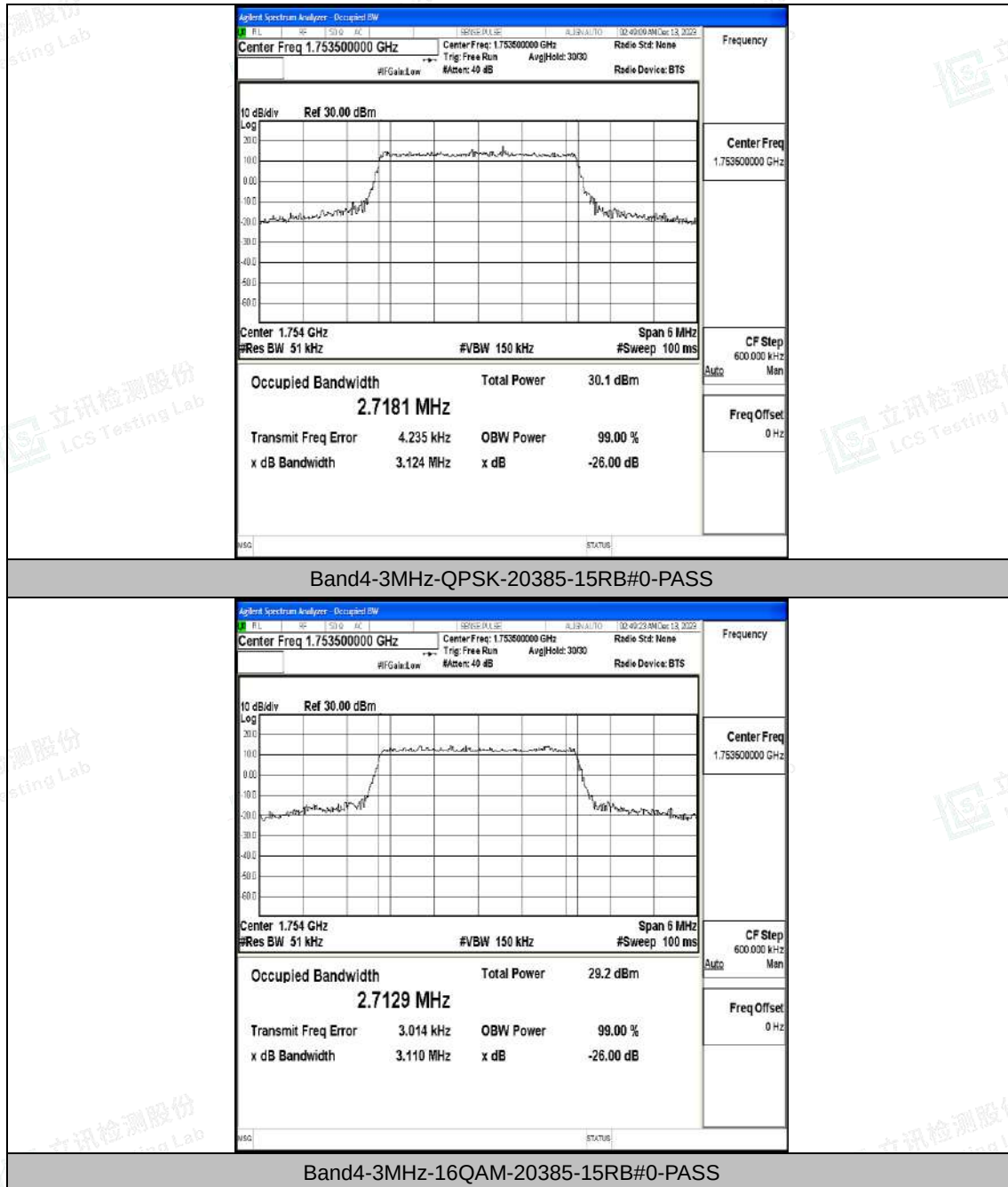


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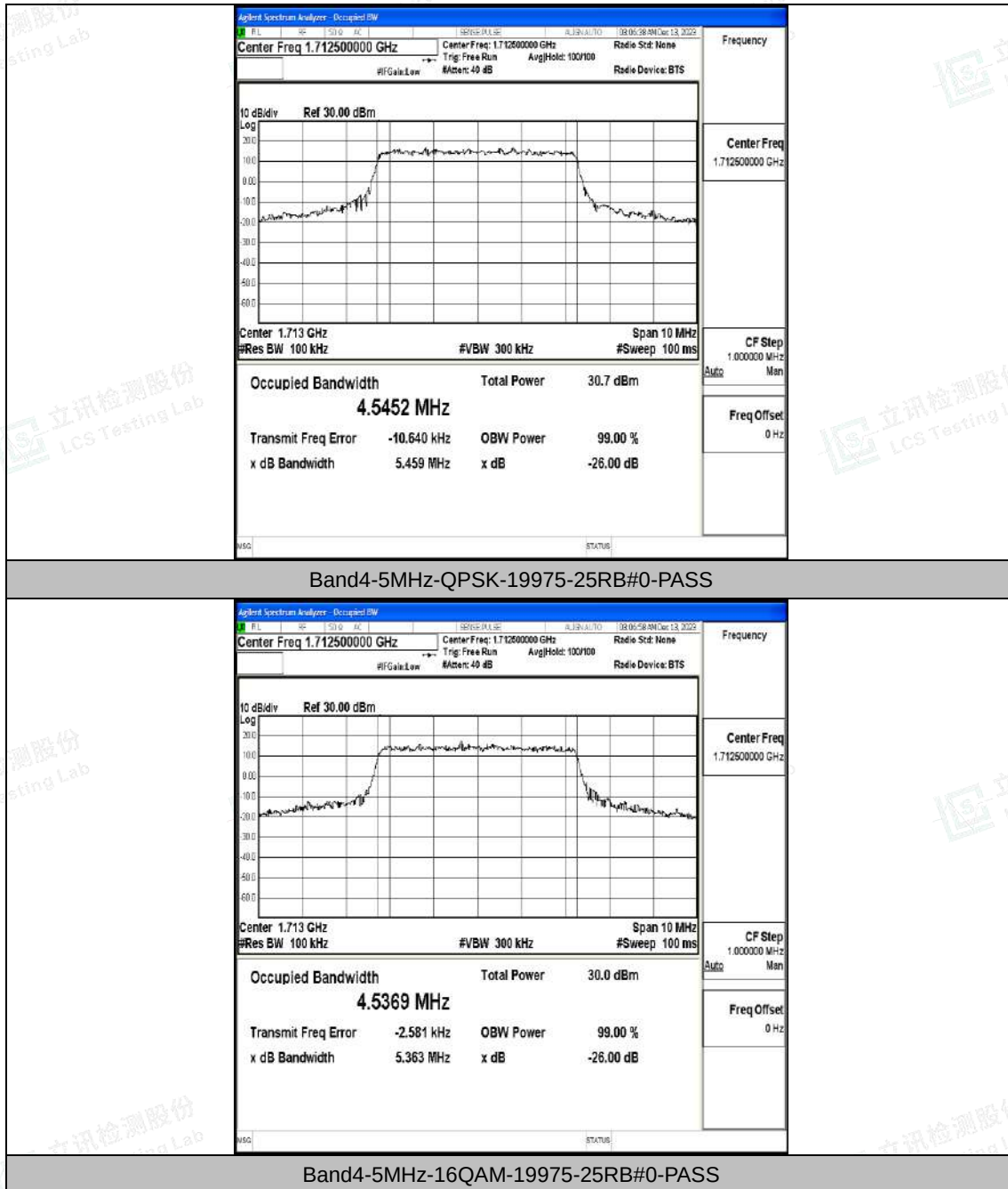


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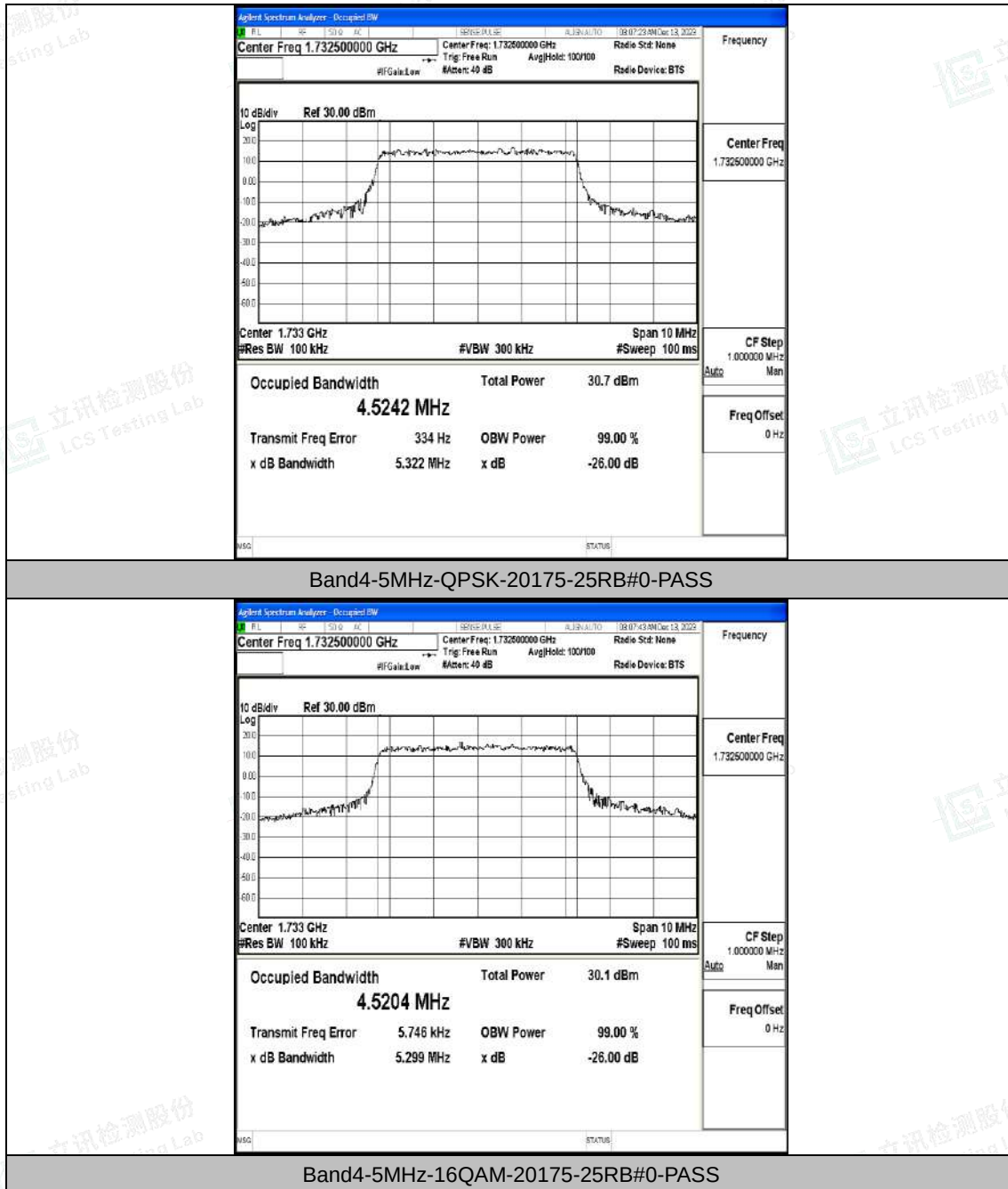


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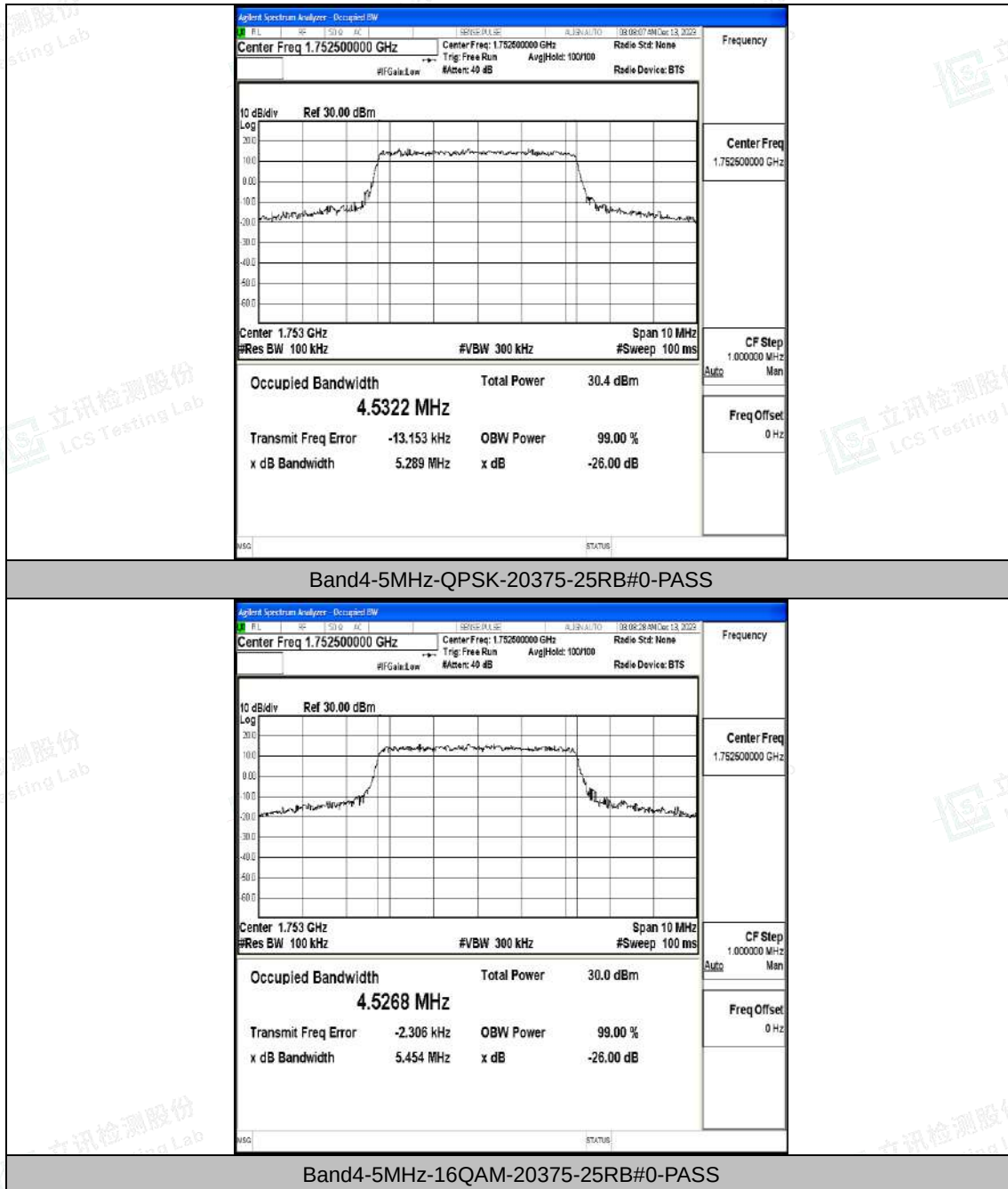


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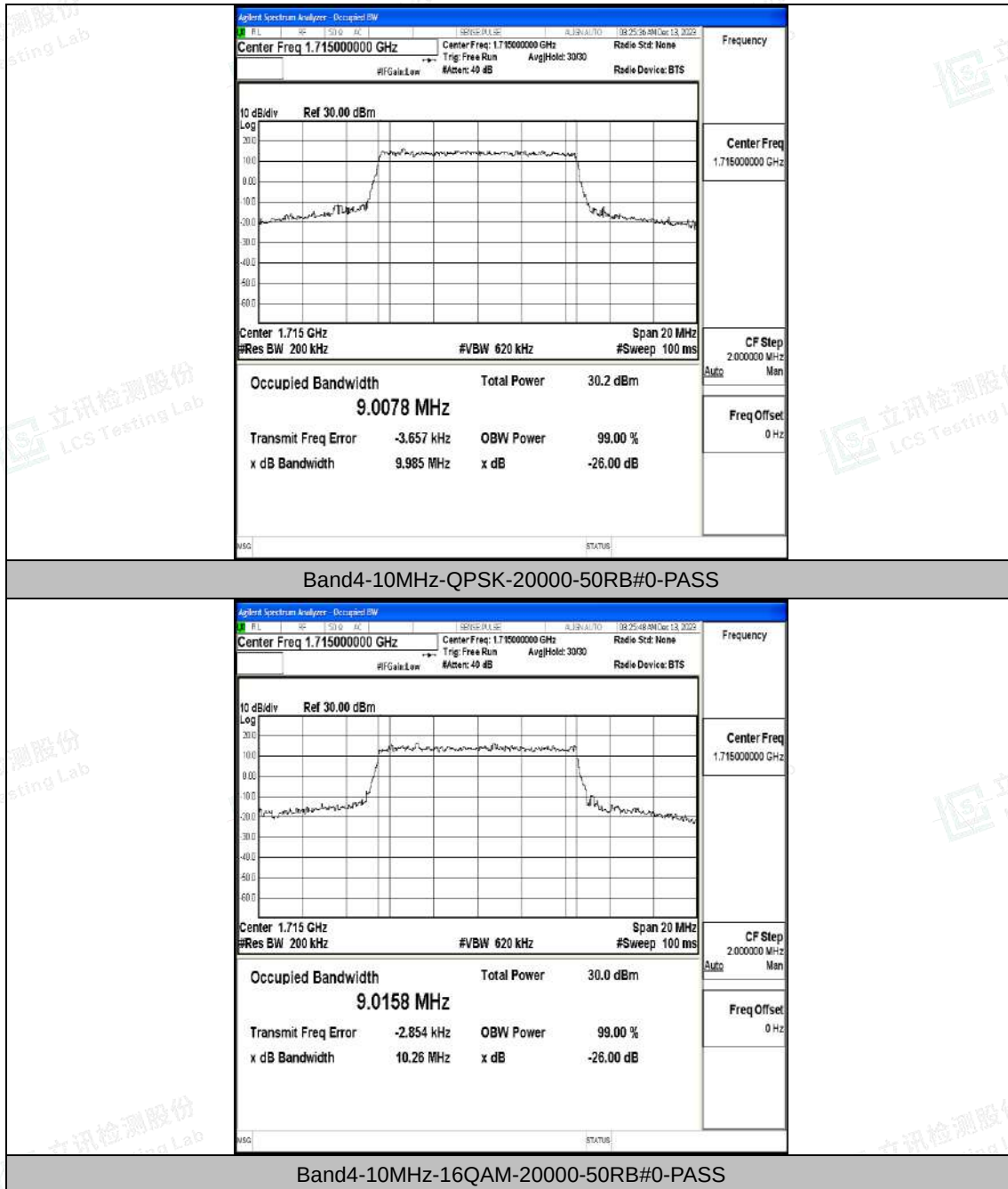


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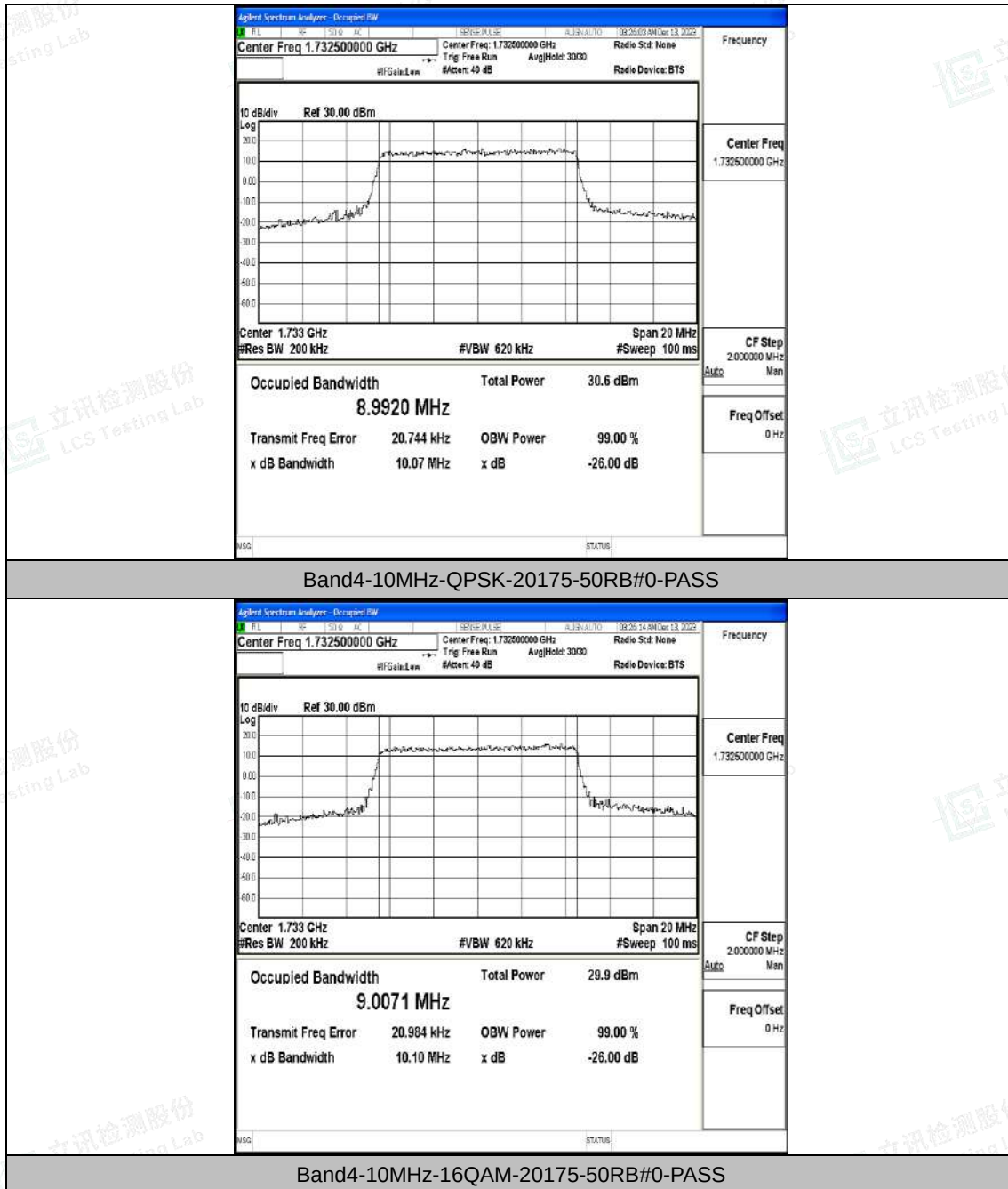


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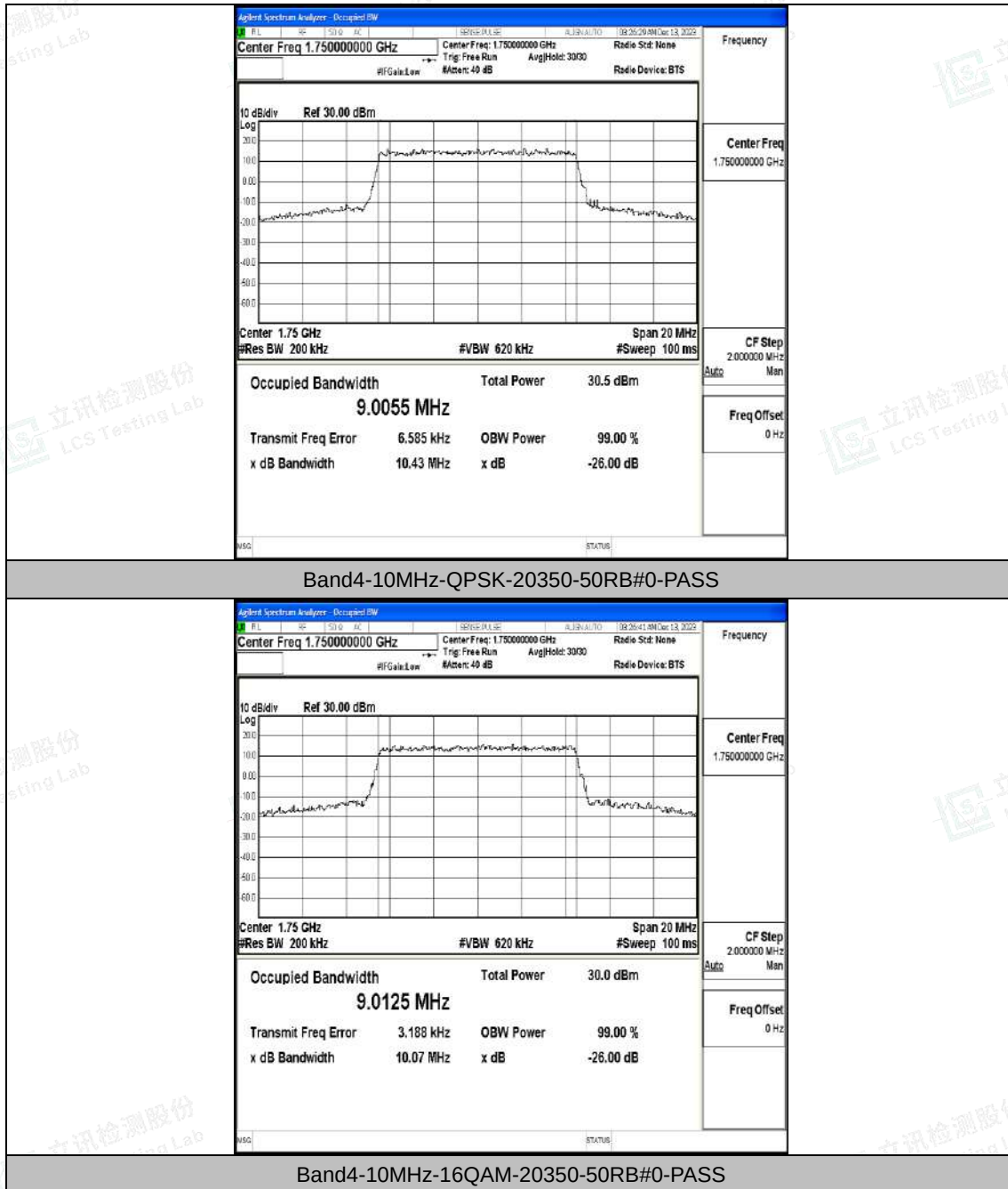


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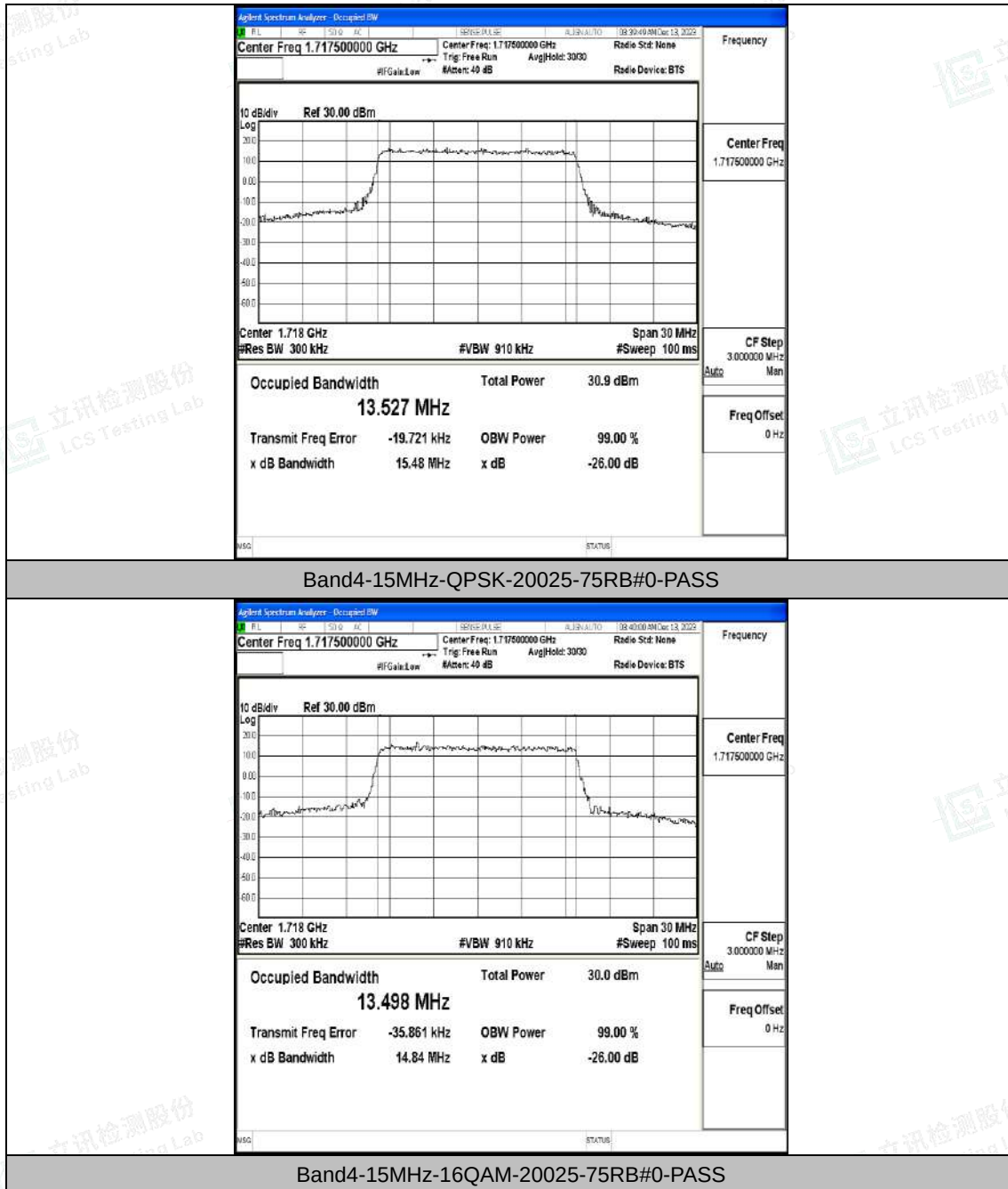


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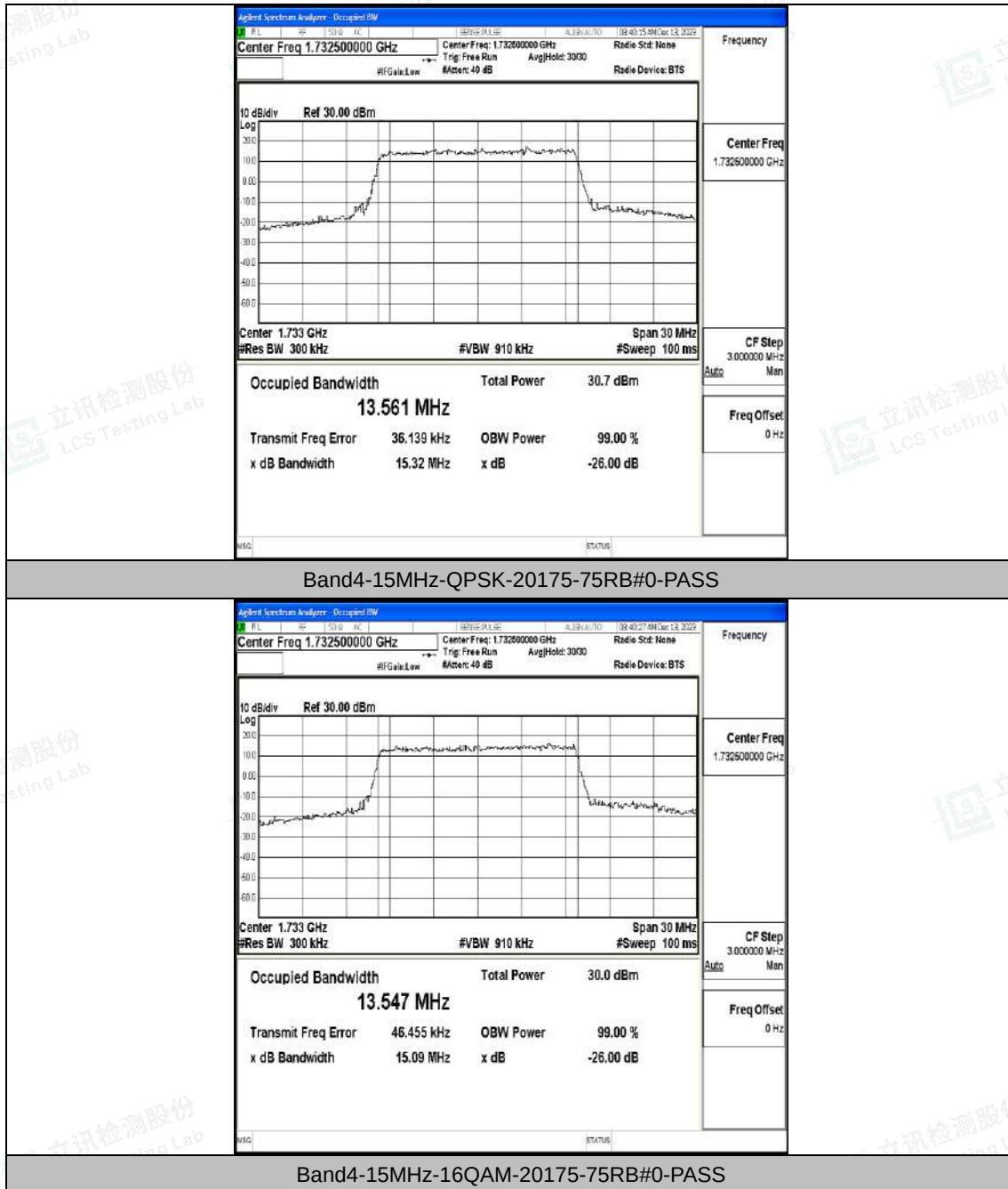


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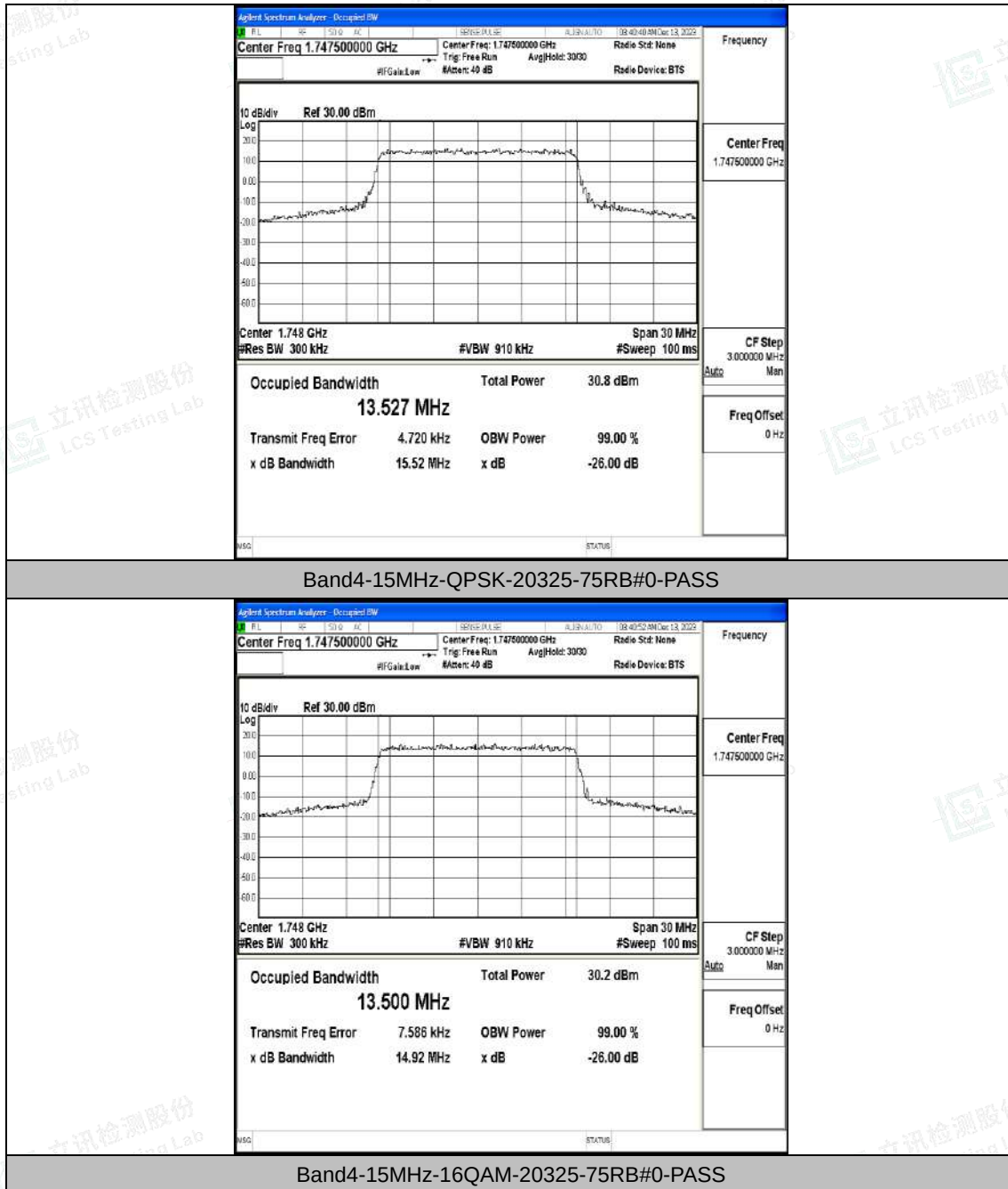


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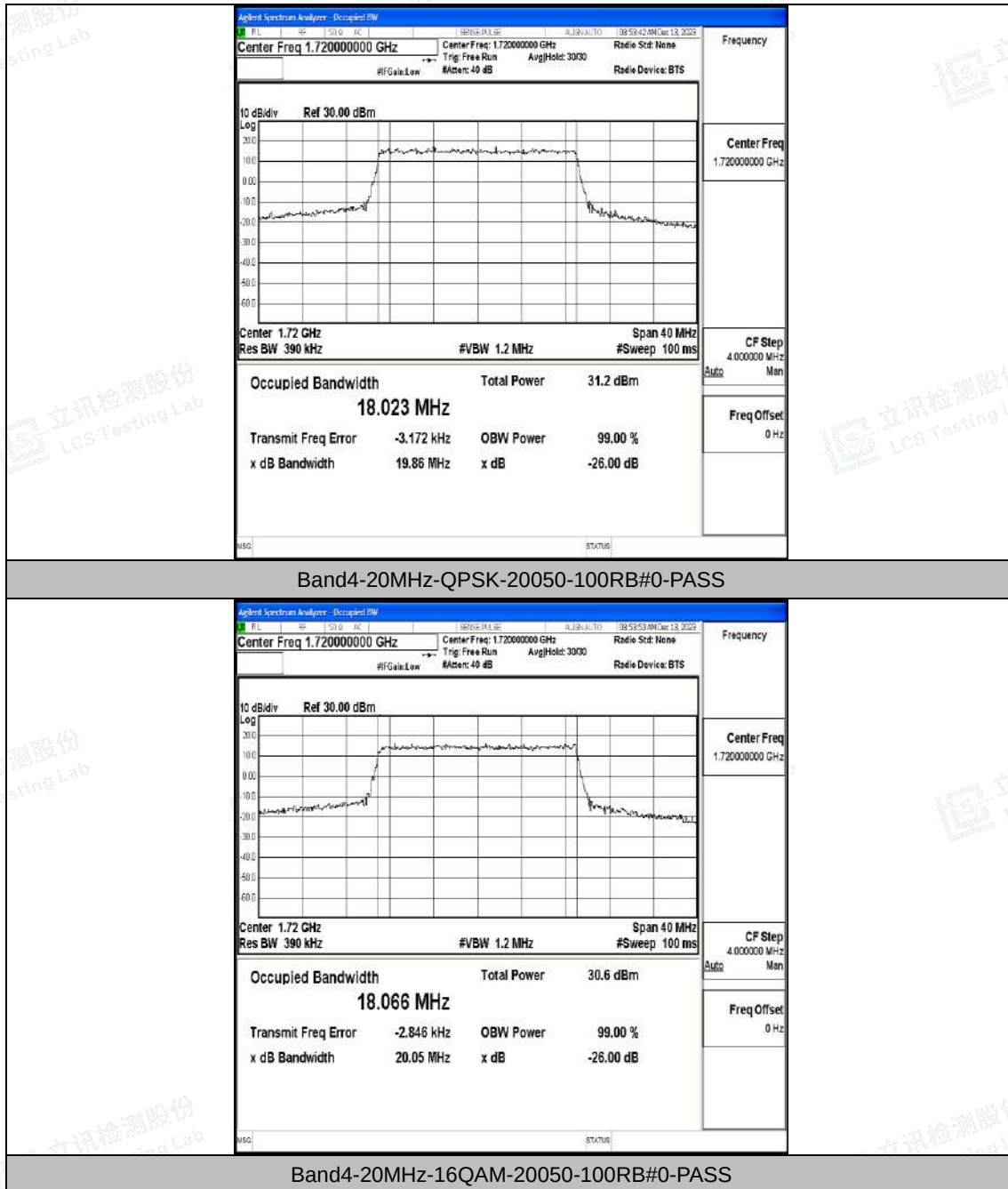


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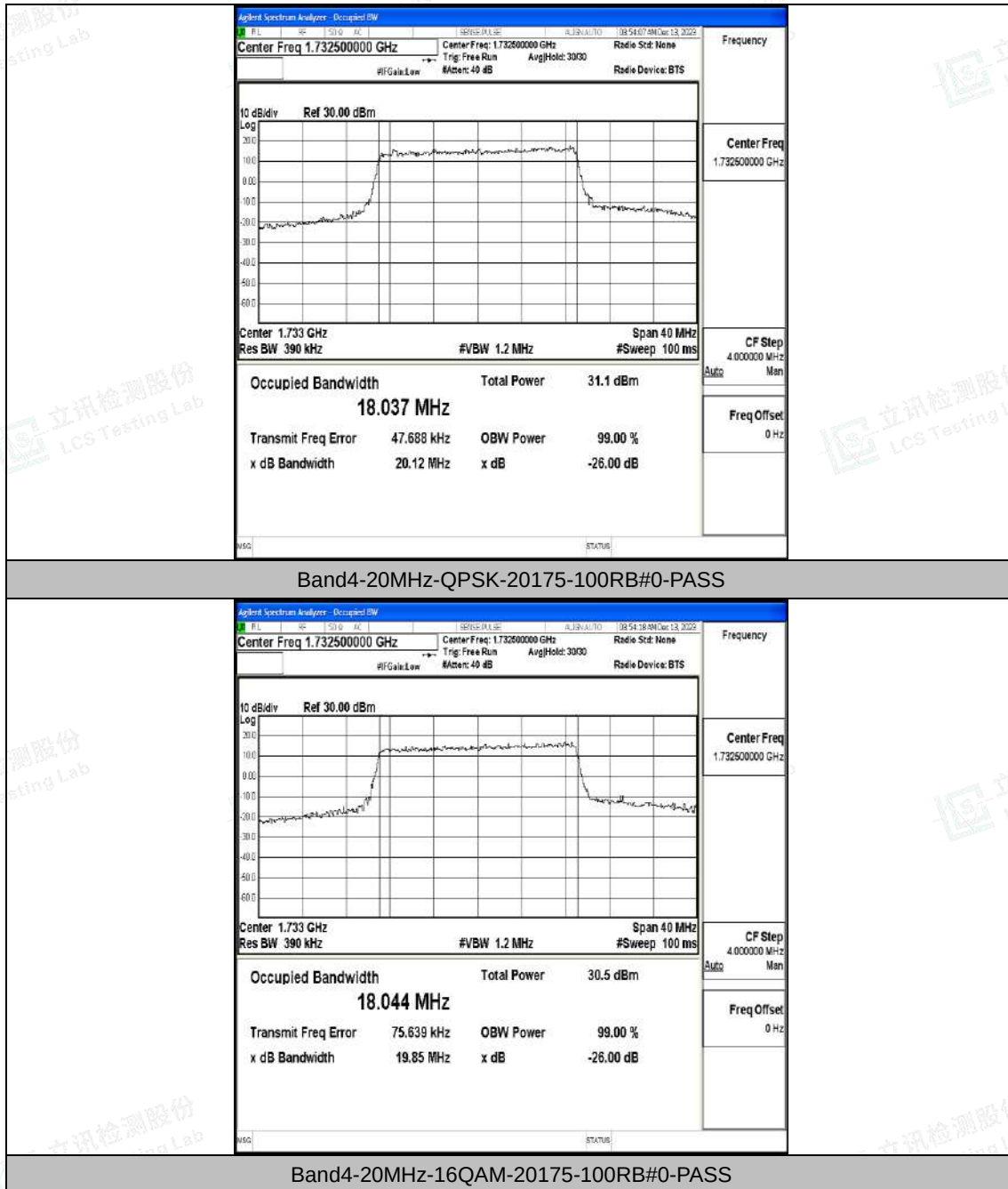


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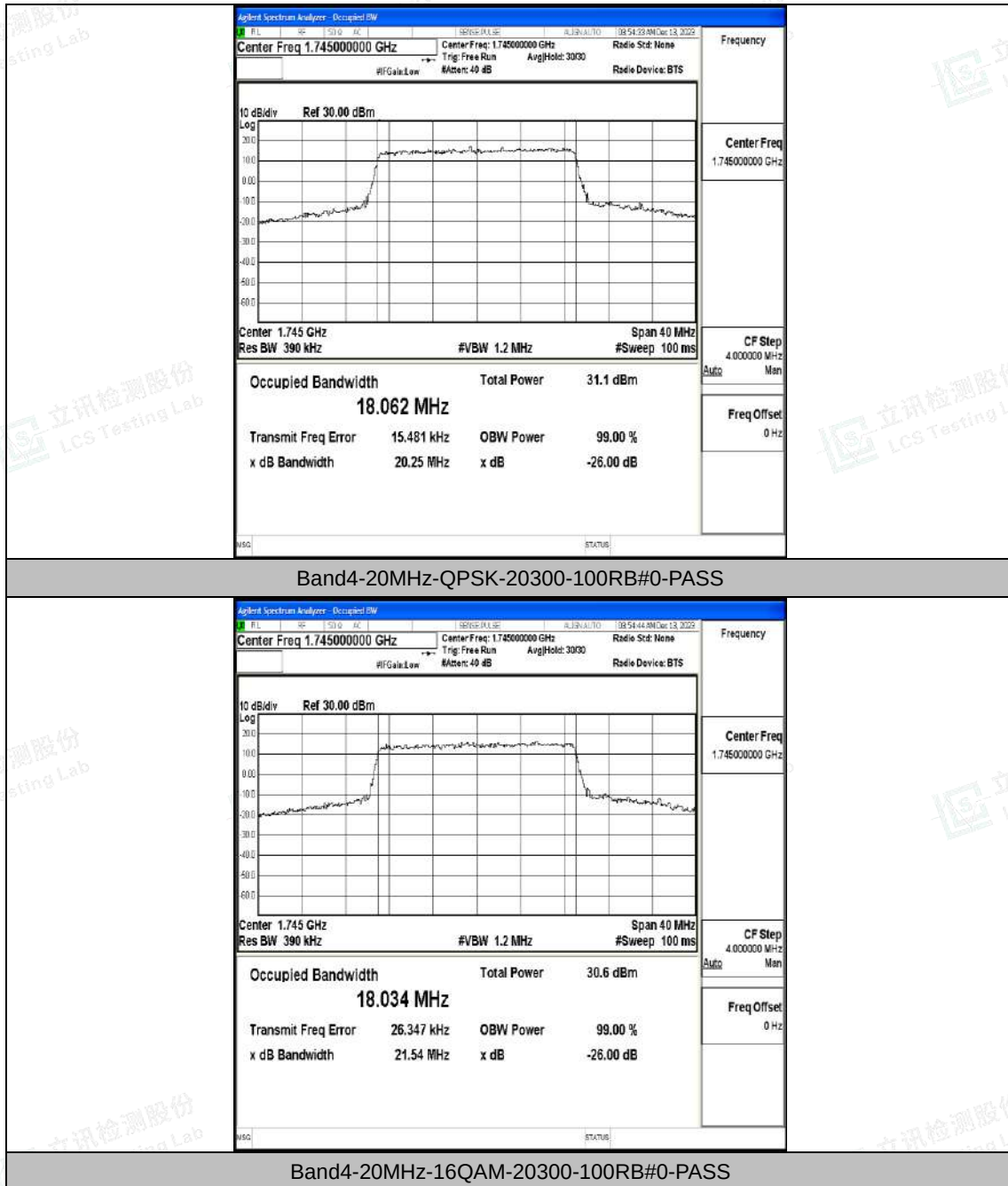


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G.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1709.99	-27.56	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1709.99	-27.66	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1755.00	-29.16	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1755.03	-29.52	PASS
Band4	3MHz	QPSK	19965	15RB#0	1710.00	-28.78	PASS
Band4	3MHz	16QAM	19965	15RB#0	1710.00	-28.53	PASS
Band4	3MHz	QPSK	20385	15RB#0	1755.01	-30.20	PASS
Band4	3MHz	16QAM	20385	15RB#0	1755.02	-30.81	PASS
Band4	5MHz	QPSK	19975	25RB#0	1709.99	-29.38	PASS
Band4	5MHz	16QAM	19975	25RB#0	1709.99	-29.65	PASS
Band4	5MHz	QPSK	20375	25RB#0	1755.01	-29.85	PASS
Band4	5MHz	16QAM	20375	25RB#0	1755.00	-30.04	PASS
Band4	10MHz	QPSK	20000	50RB#0	1709.99	-31.17	PASS
Band4	10MHz	16QAM	20000	50RB#0	1709.70	-31.16	PASS
Band4	10MHz	QPSK	20350	50RB#0	1755.04	-29.91	PASS
Band4	10MHz	16QAM	20350	50RB#0	1755.10	-30.49	PASS
Band4	15MHz	QPSK	20025	75RB#0	1709.94	-31.41	PASS
Band4	15MHz	16QAM	20025	75RB#0	1709.38	-31.48	PASS
Band4	15MHz	QPSK	20325	75RB#0	1755.36	-28.77	PASS
Band4	15MHz	16QAM	20325	75RB#0	1755.44	-29.21	PASS
Band4	20MHz	QPSK	20050	100RB#0	1709.97	-30.64	PASS
Band4	20MHz	16QAM	20050	100RB#0	1709.95	-30.77	PASS
Band4	20MHz	QPSK	20300	100RB#0	1755.20	-28.29	PASS
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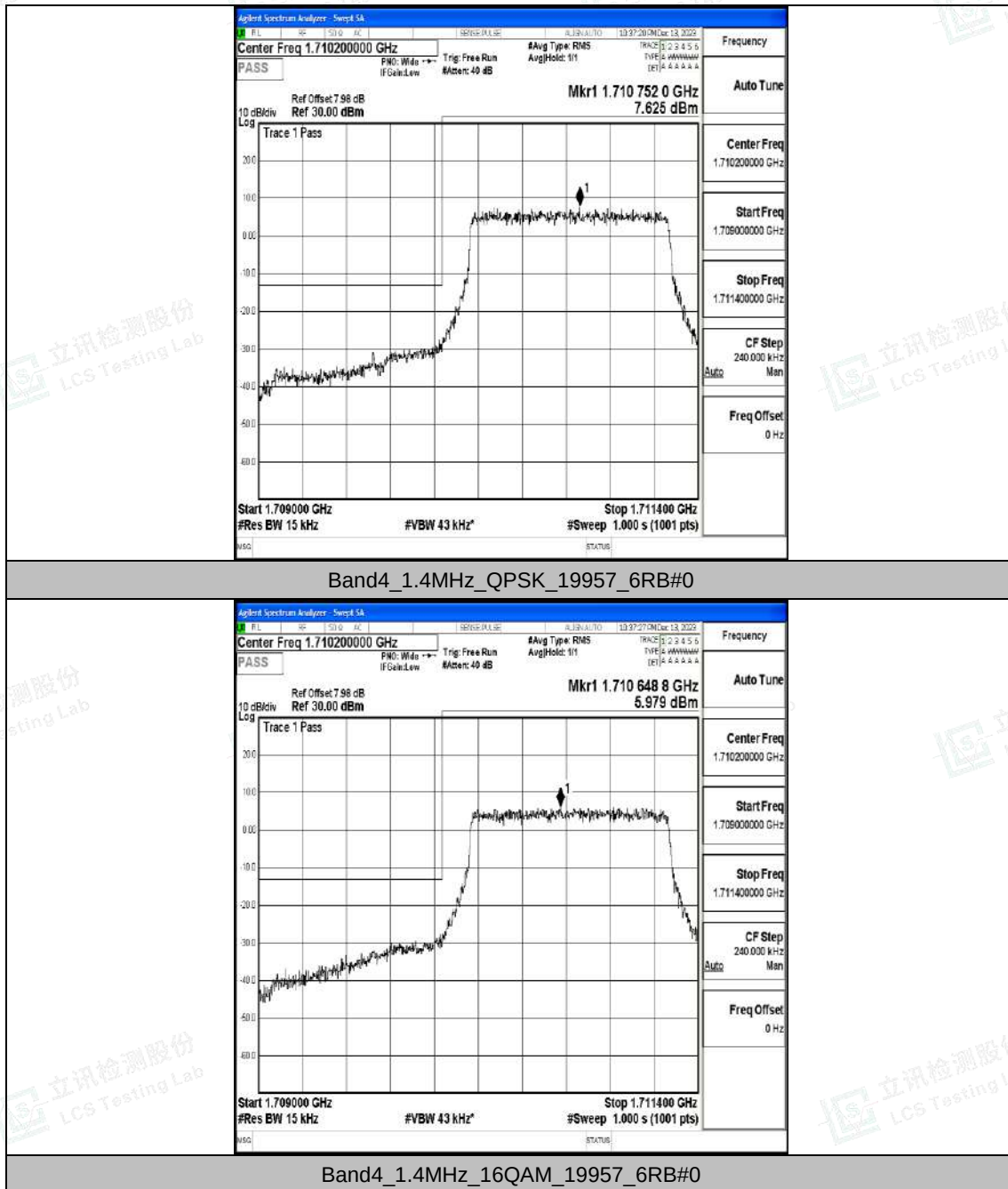
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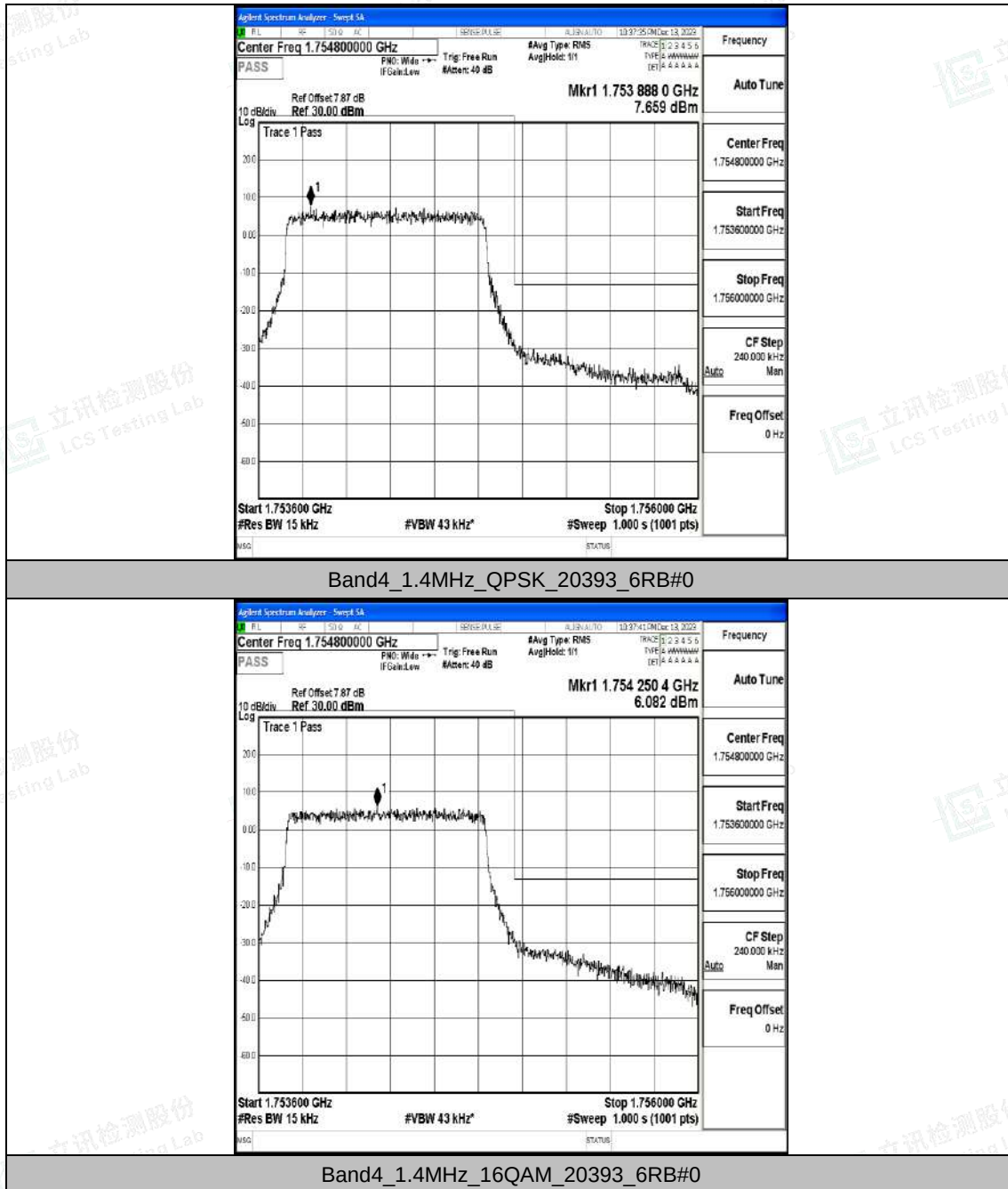
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Test Graphs



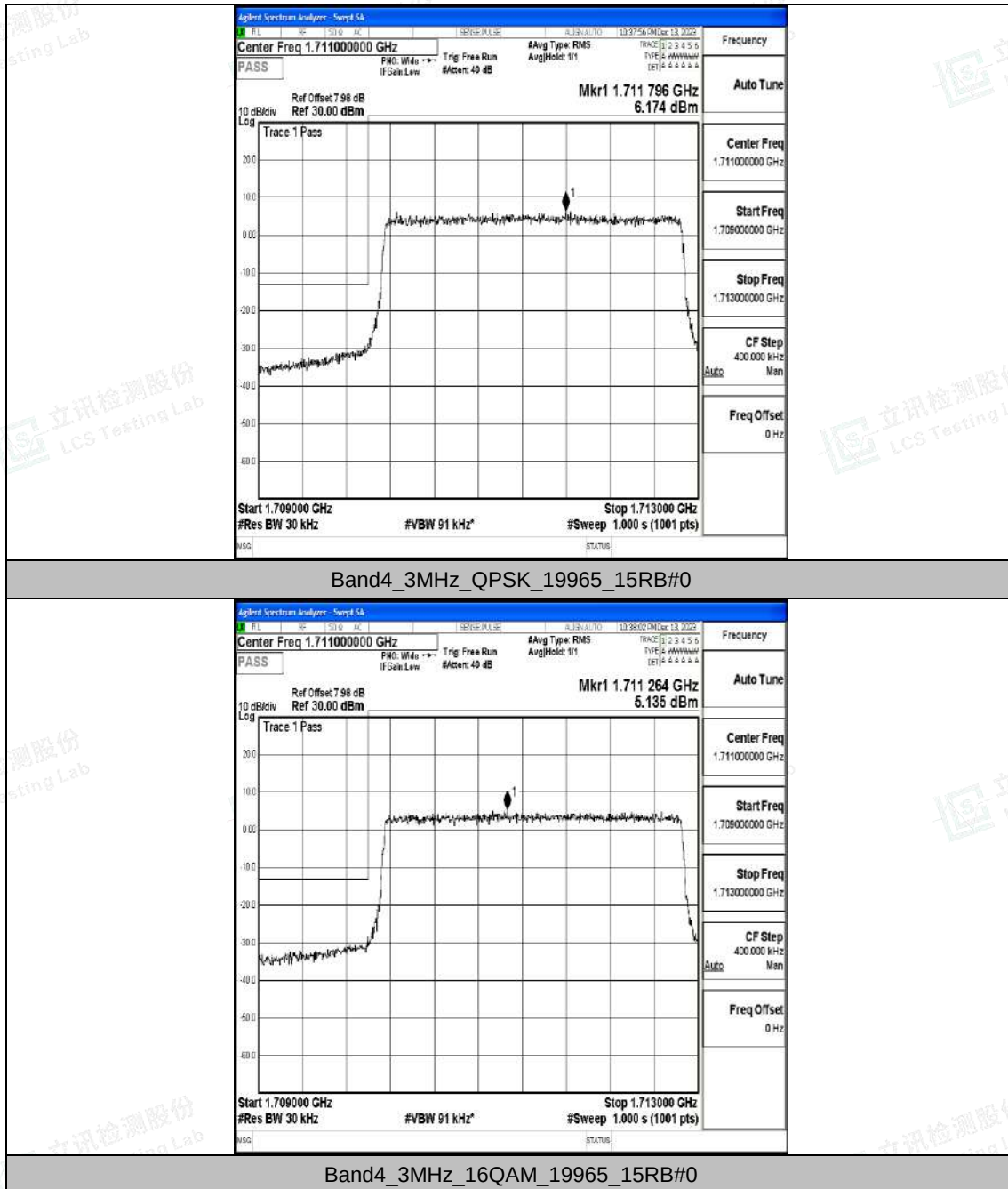


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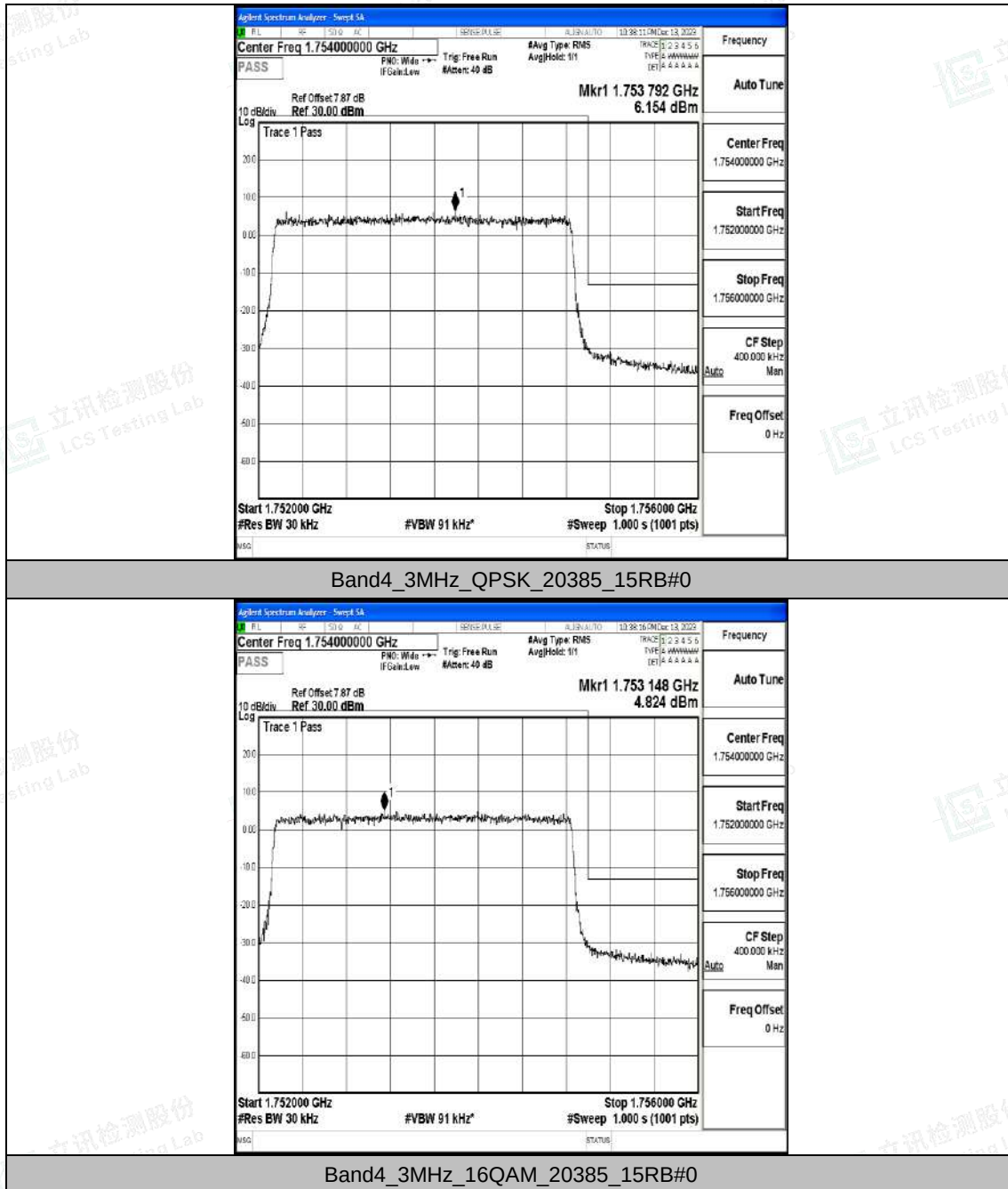


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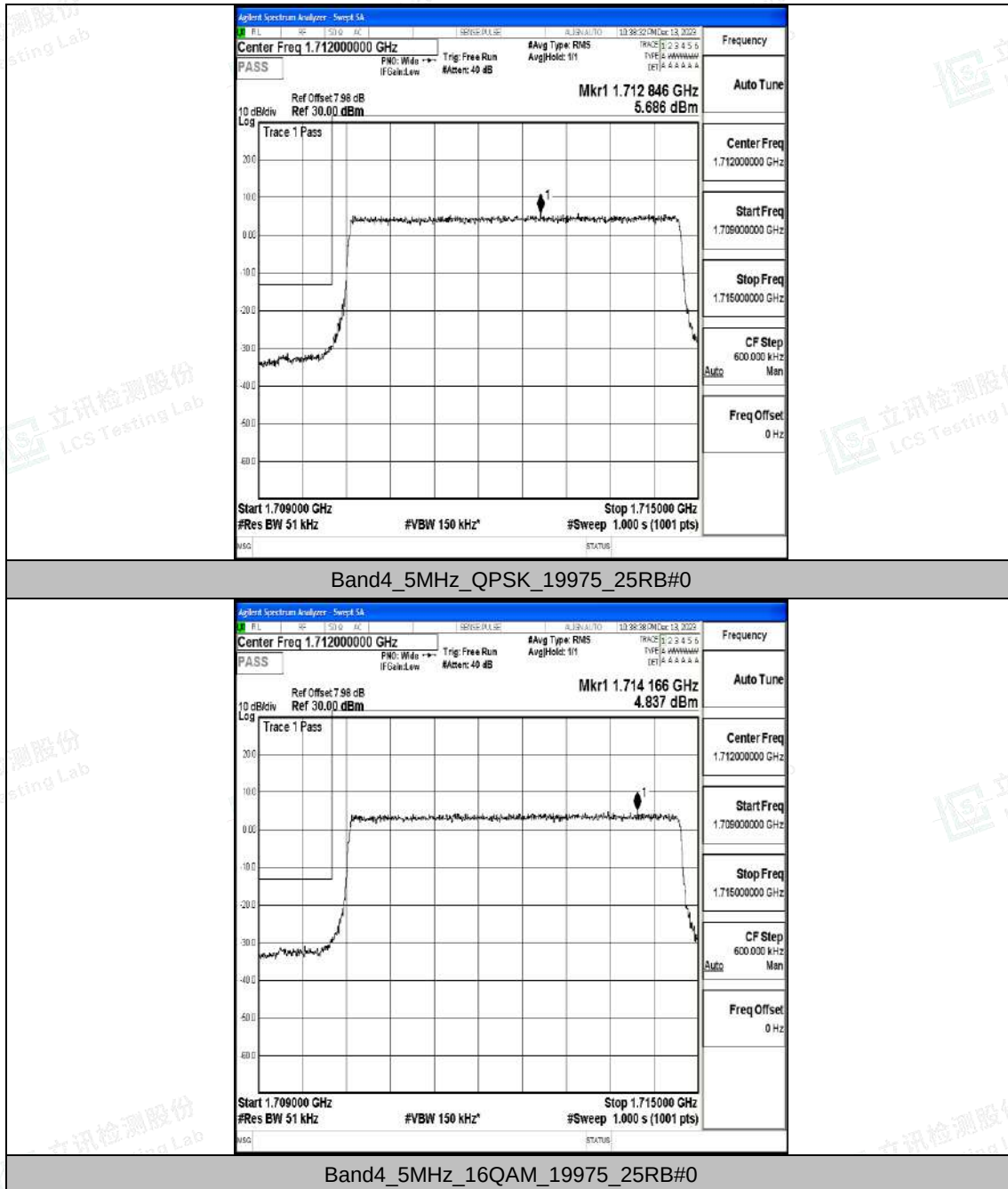


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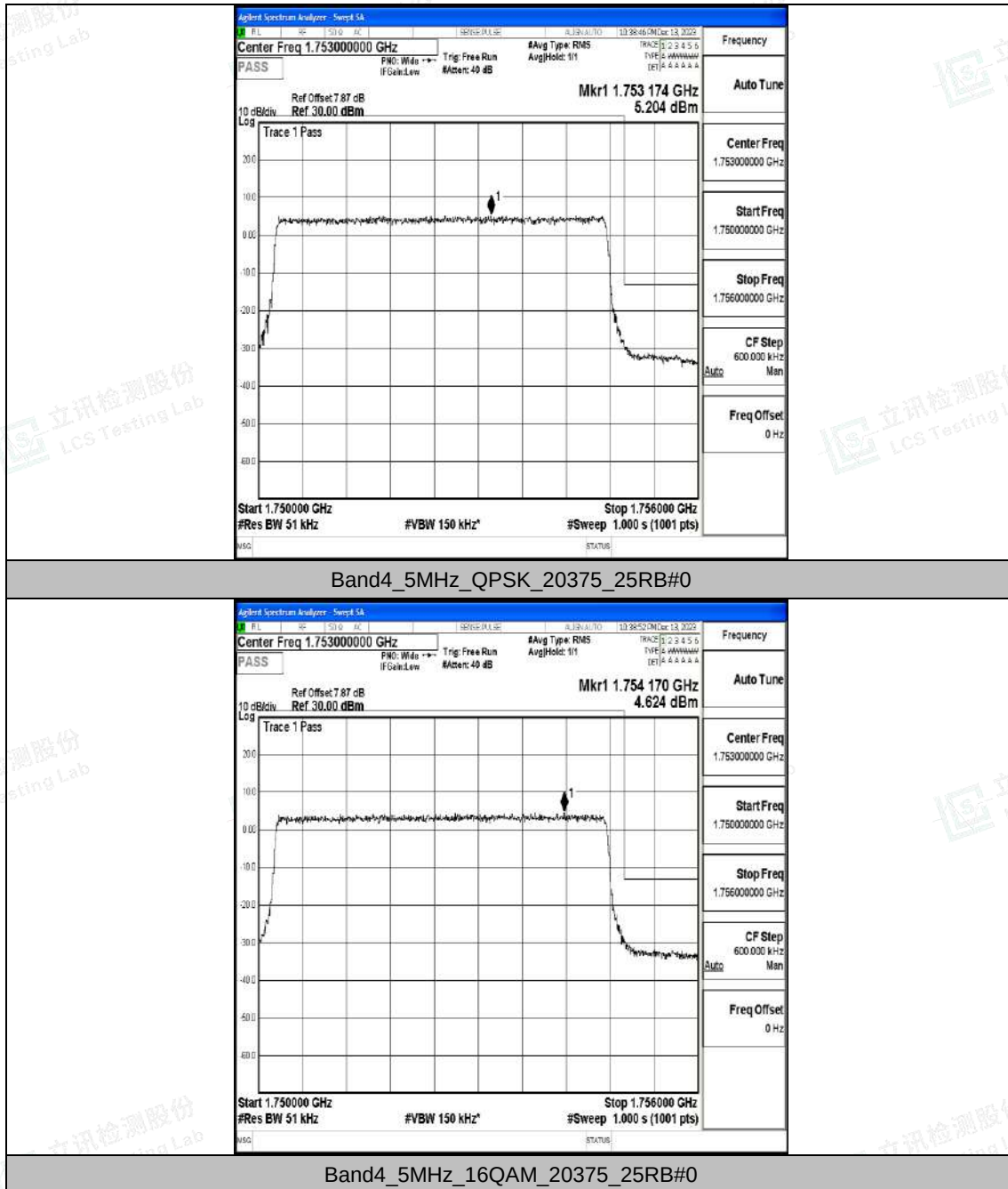


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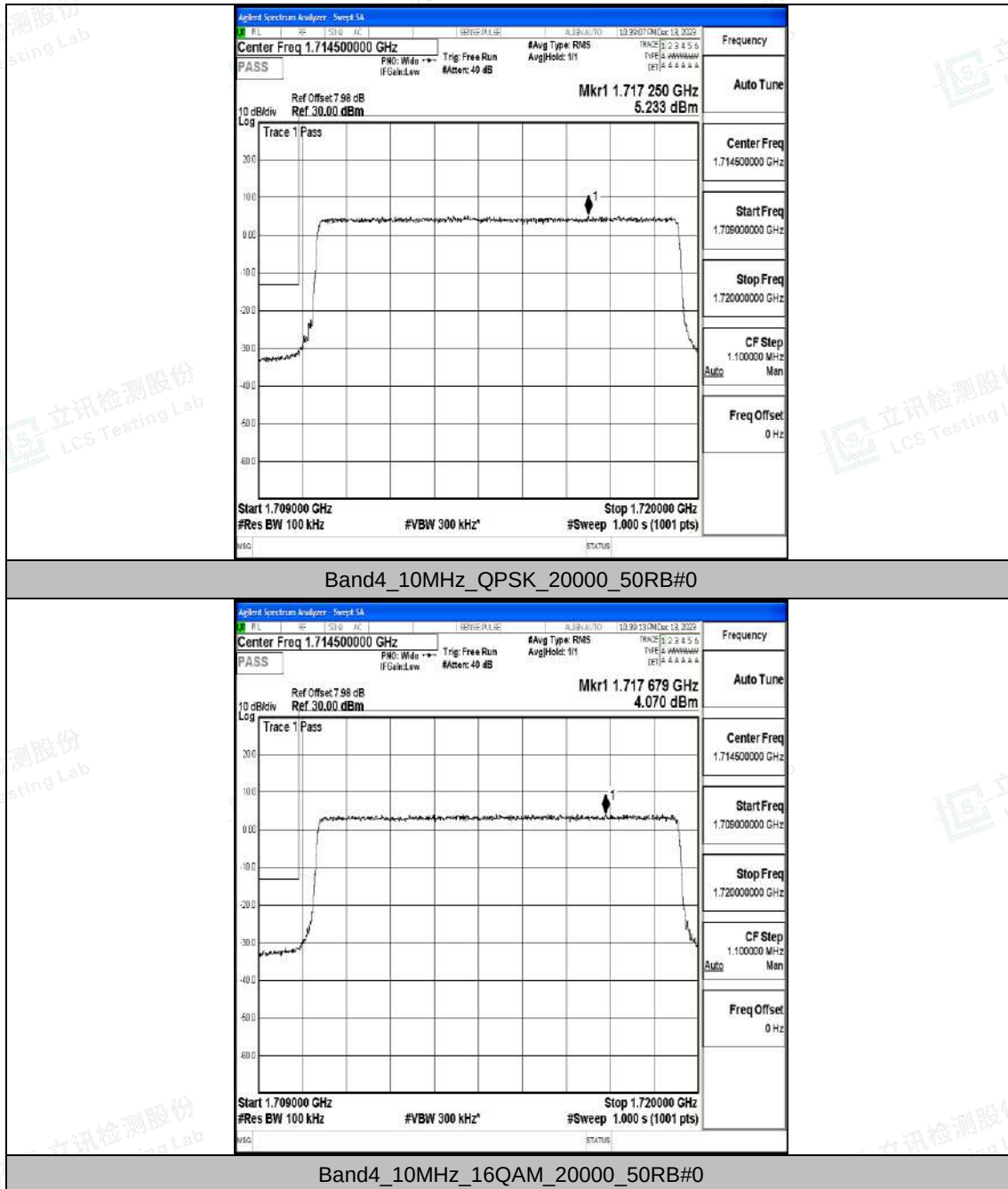


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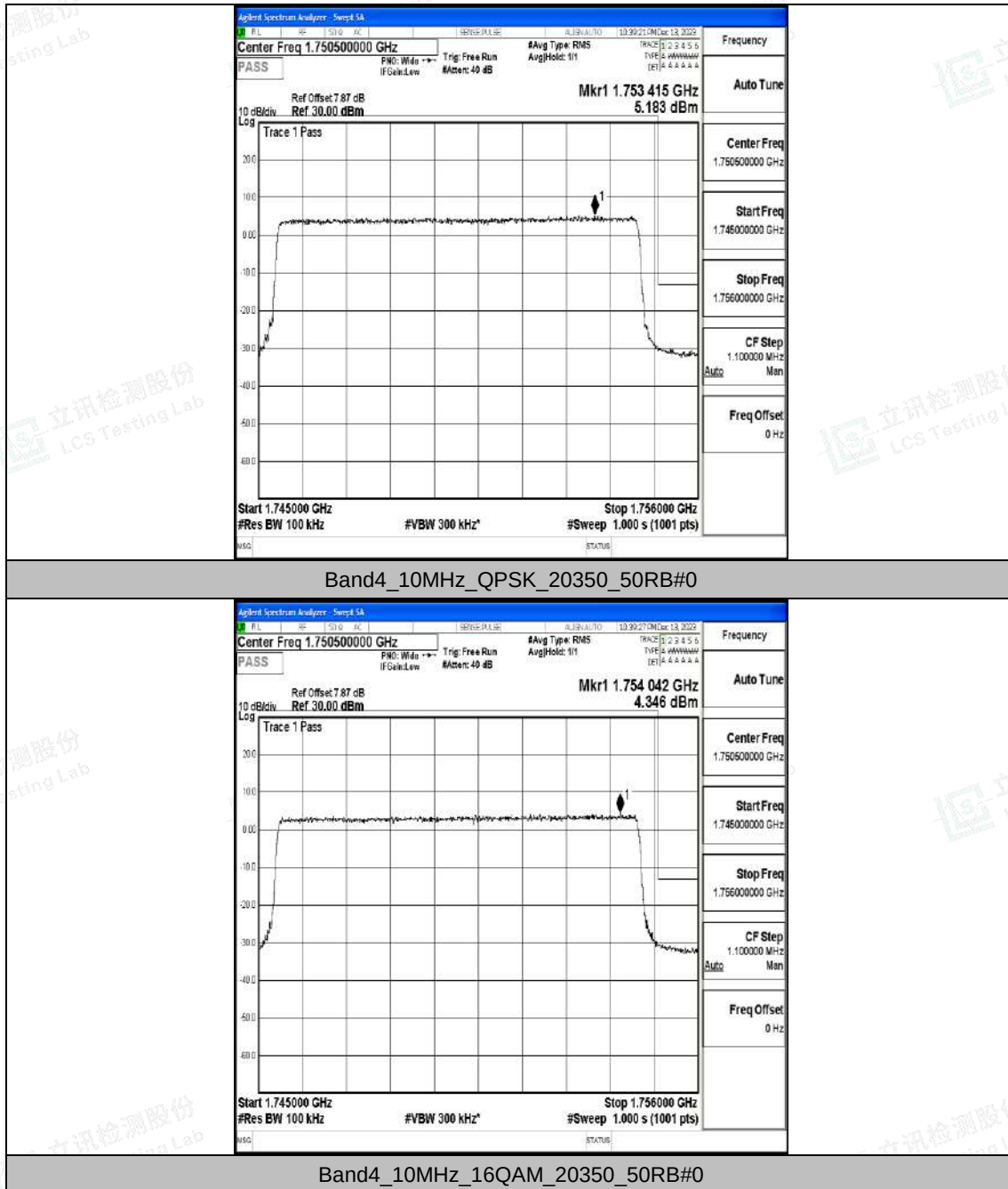


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Scan code to check authenticity

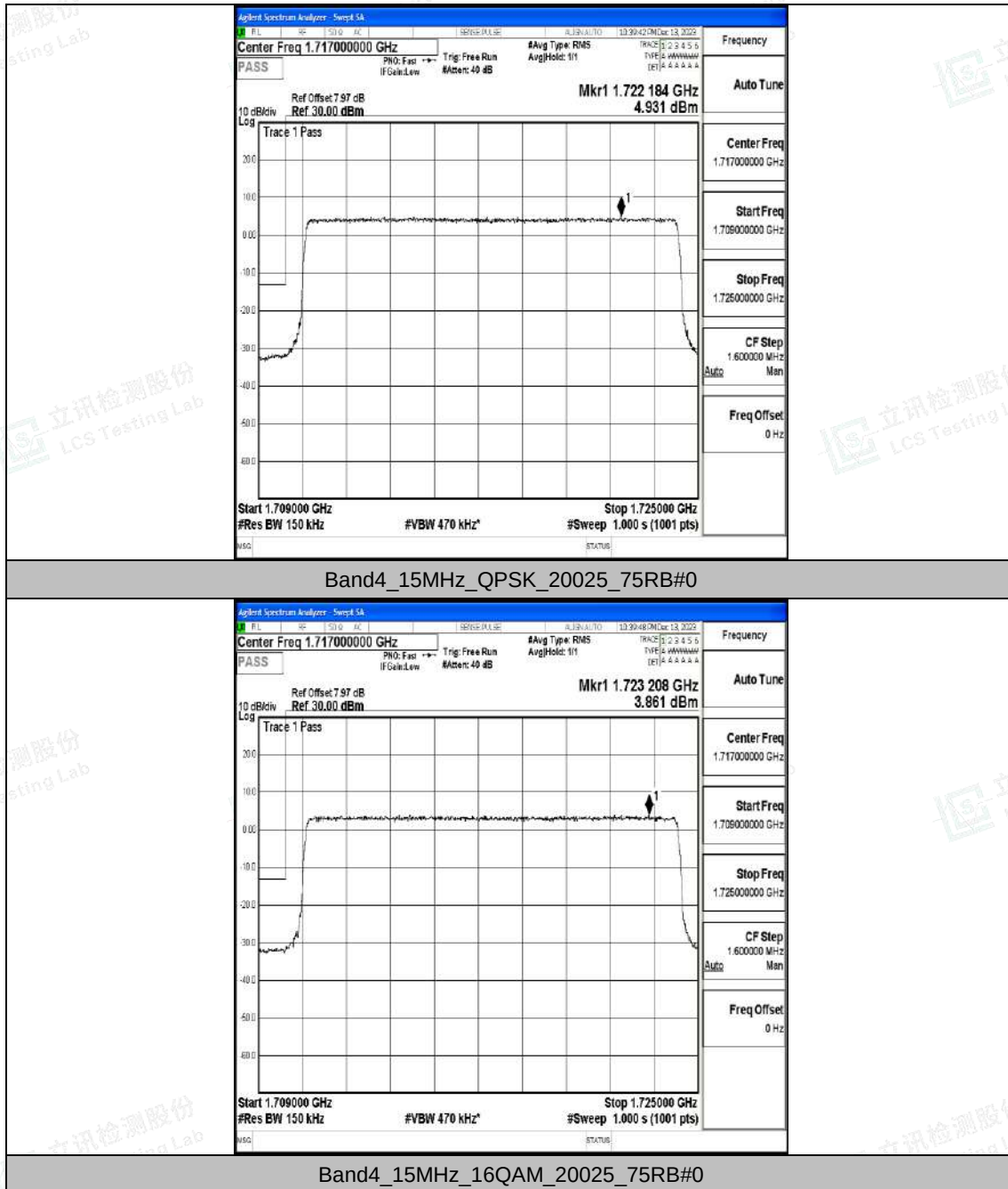


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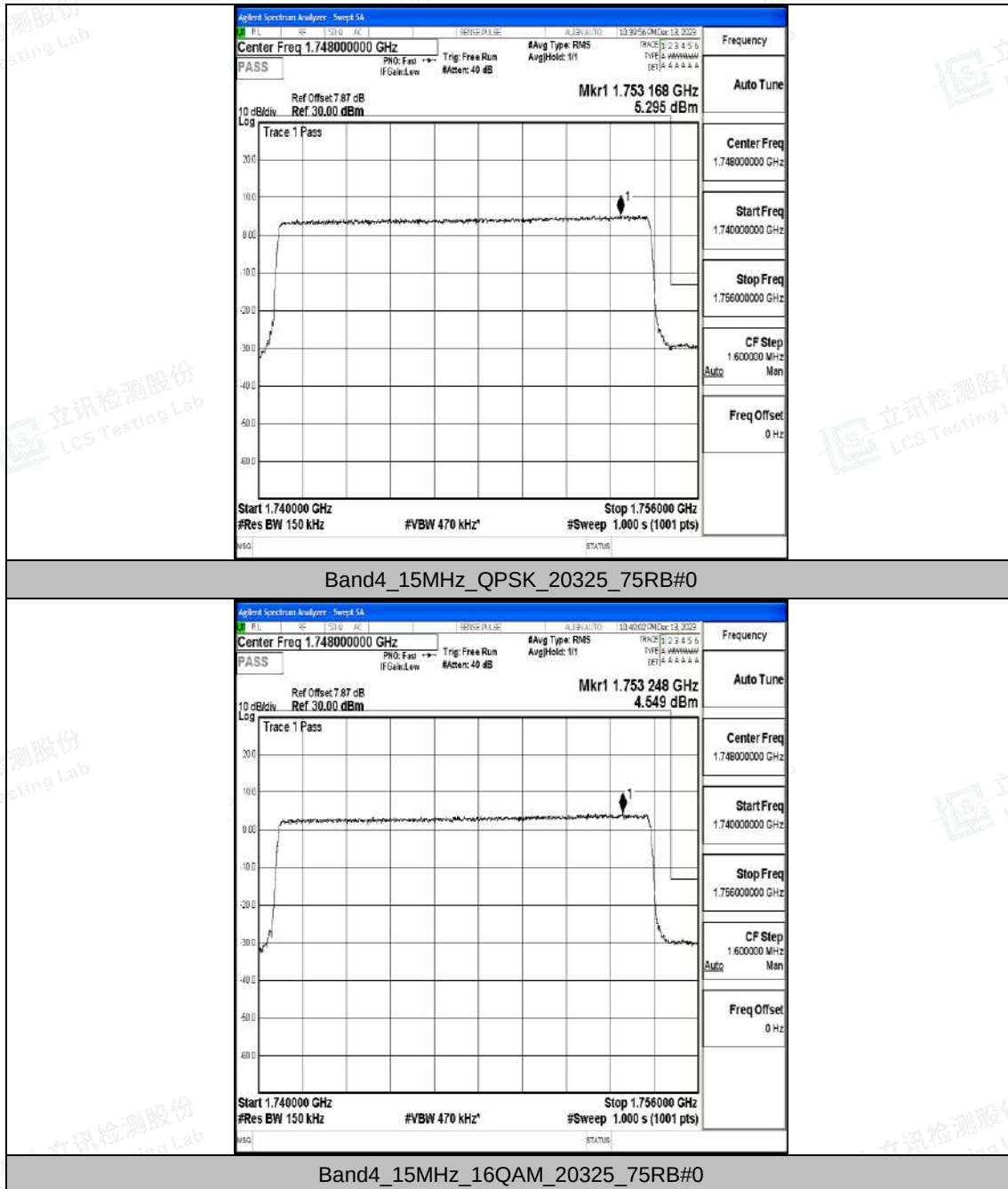


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Scan code to check authenticity

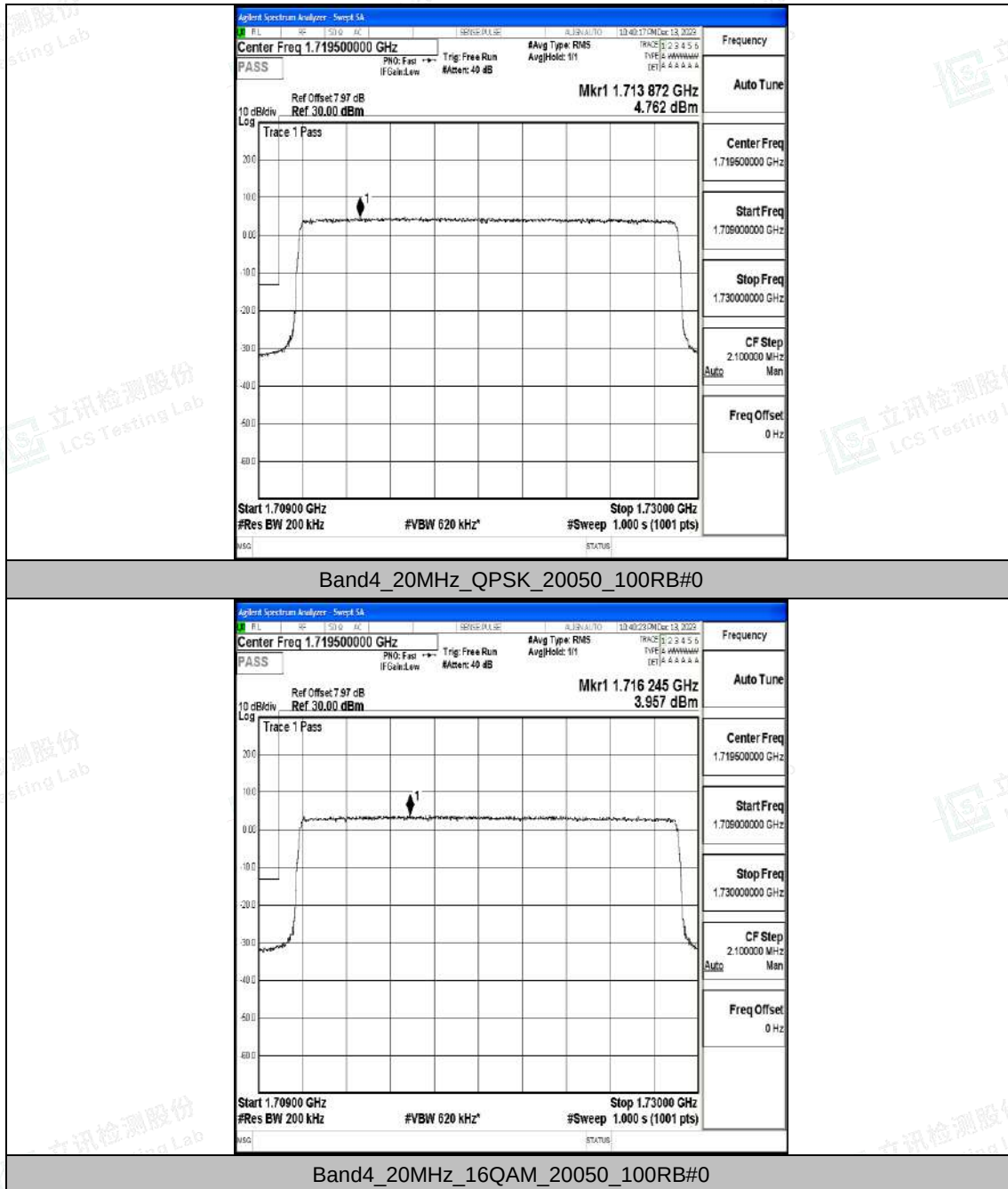


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Scan code to check authenticity

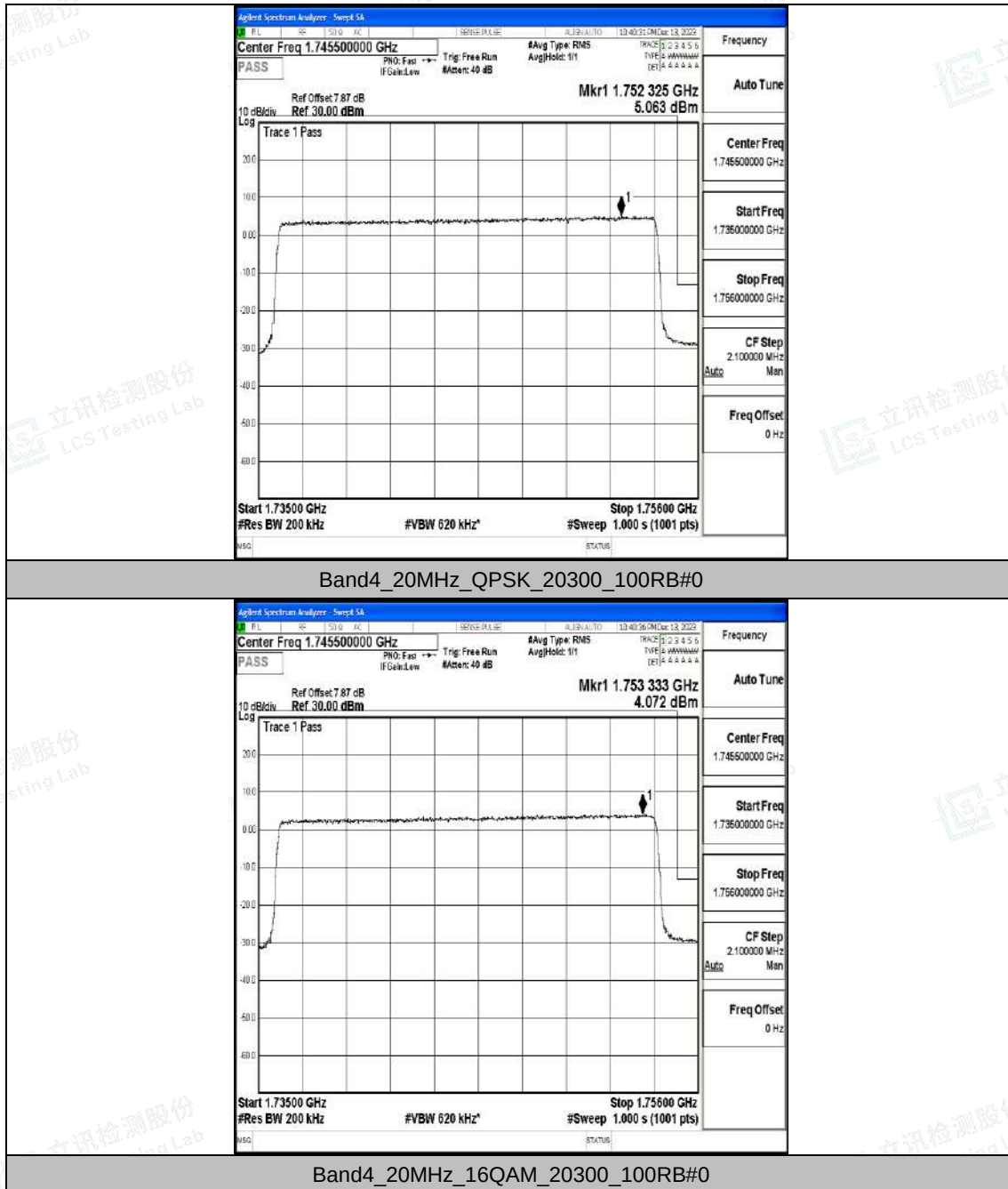


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G.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	0.009~0.15	-58.57	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	0.15~30	-50.48	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	30~1000	-62.76	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	1000~3000	-27.44	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	3000~20000	-32.92	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.009~0.15	-57.67	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.15~30	-51.01	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	30~1000	-62.87	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	1000~3000	-18.42	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	3000~20000	-32.74	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.009~0.15	-58.27	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.15~30	-52.09	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	30~1000	-62.97	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	1000~3000	-21.09	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3000~20000	-32.79	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.009~0.15	-55.73	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.15~30	-51.89	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	30~1000	-62.95	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	1000~3000	-26.68	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	3000~20000	-33.08	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.009~0.15	-55.91	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.15~30	-53.01	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	30~1000	-63.01	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	1000~3000	-25.08	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3000~20000	-32.75	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.009~0.15	-58.93	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.15~30	-52.02	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	30~1000	-63.10	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	1000~3000	-22.82	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	3000~20000	-33.50	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.009~0.15	-57.42	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.15~30	-52.29	PASS
Band4	3MHz	QPSK	19965	1RB#0	30~1000	-62.55	PASS
Band4	3MHz	QPSK	19965	1RB#0	1000~3000	-25.31	PASS
Band4	3MHz	QPSK	19965	1RB#0	3000~20000	-32.82	PASS





Band4	3MHz	16QAM	19965	1RB#0	0.009~0.15	-57.69	PASS
Band4	3MHz	16QAM	19965	1RB#0	0.15~30	-49.46	PASS
Band4	3MHz	16QAM	19965	1RB#0	30~1000	-62.81	PASS
Band4	3MHz	16QAM	19965	1RB#0	1000~3000	-25.48	PASS
Band4	3MHz	16QAM	19965	1RB#0	3000~20000	-33.10	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.009~0.15	-57.61	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.15~30	-50.67	PASS
Band4	3MHz	QPSK	20175	1RB#0	30~1000	-62.83	PASS
Band4	3MHz	QPSK	20175	1RB#0	1000~3000	-25.93	PASS
Band4	3MHz	QPSK	20175	1RB#0	3000~20000	-33.01	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.009~0.15	-56.49	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.15~30	-52.89	PASS
Band4	3MHz	16QAM	20175	1RB#0	30~1000	-62.69	PASS
Band4	3MHz	16QAM	20175	1RB#0	1000~3000	-23.65	PASS
Band4	3MHz	16QAM	20175	1RB#0	3000~20000	-33.04	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.009~0.15	-56.35	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.15~30	-50.70	PASS
Band4	3MHz	QPSK	20385	1RB#0	30~1000	-62.57	PASS
Band4	3MHz	QPSK	20385	1RB#0	1000~3000	-30.45	PASS
Band4	3MHz	QPSK	20385	1RB#0	3000~20000	-33.05	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.009~0.15	-57.19	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.15~30	-51.40	PASS
Band4	3MHz	16QAM	20385	1RB#0	30~1000	-62.98	PASS
Band4	3MHz	16QAM	20385	1RB#0	1000~3000	-27.57	PASS
Band4	3MHz	16QAM	20385	1RB#0	3000~20000	-32.85	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.009~0.15	-58.28	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.15~30	-51.86	PASS
Band4	5MHz	QPSK	19975	1RB#0	30~1000	-63.07	PASS
Band4	5MHz	QPSK	19975	1RB#0	1000~3000	-38.88	PASS
Band4	5MHz	QPSK	19975	1RB#0	3000~20000	-32.68	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.009~0.15	-54.56	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.15~30	-52.19	PASS
Band4	5MHz	16QAM	19975	1RB#0	30~1000	-62.82	PASS
Band4	5MHz	16QAM	19975	1RB#0	1000~3000	-35.74	PASS
Band4	5MHz	16QAM	19975	1RB#0	3000~20000	-32.92	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.009~0.15	-58.23	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.15~30	-53.83	PASS
Band4	5MHz	QPSK	20175	1RB#0	30~1000	-62.66	PASS
Band4	5MHz	QPSK	20175	1RB#0	1000~3000	-39.51	PASS
Band4	5MHz	QPSK	20175	1RB#0	3000~20000	-32.67	PASS



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Band4	5MHz	16QAM	20175	1RB#0	0.009~0.15	-57.85	PASS
Band4	5MHz	16QAM	20175	1RB#0	0.15~30	-50.41	PASS
Band4	5MHz	16QAM	20175	1RB#0	30~1000	-62.90	PASS
Band4	5MHz	16QAM	20175	1RB#0	1000~3000	-34.01	PASS
Band4	5MHz	16QAM	20175	1RB#0	3000~20000	-33.04	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.009~0.15	-57.32	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.15~30	-53.04	PASS
Band4	5MHz	QPSK	20375	1RB#0	30~1000	-62.96	PASS
Band4	5MHz	QPSK	20375	1RB#0	1000~3000	-33.89	PASS
Band4	5MHz	QPSK	20375	1RB#0	3000~20000	-33.01	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.009~0.15	-56.27	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.15~30	-52.29	PASS
Band4	5MHz	16QAM	20375	1RB#0	30~1000	-62.67	PASS
Band4	5MHz	16QAM	20375	1RB#0	1000~3000	-38.55	PASS
Band4	5MHz	16QAM	20375	1RB#0	3000~20000	-33.10	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.009~0.15	-57.08	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.15~30	-51.34	PASS
Band4	10MHz	QPSK	20000	1RB#0	30~1000	-62.95	PASS
Band4	10MHz	QPSK	20000	1RB#0	1000~3000	-47.67	PASS
Band4	10MHz	QPSK	20000	1RB#0	3000~20000	-32.43	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.009~0.15	-58.31	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.15~30	-53.29	PASS
Band4	10MHz	16QAM	20000	1RB#0	30~1000	-62.87	PASS
Band4	10MHz	16QAM	20000	1RB#0	1000~3000	-47.58	PASS
Band4	10MHz	16QAM	20000	1RB#0	3000~20000	-32.99	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.009~0.15	-58.05	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.15~30	-50.84	PASS
Band4	10MHz	QPSK	20175	1RB#0	30~1000	-62.78	PASS
Band4	10MHz	QPSK	20175	1RB#0	1000~3000	-47.29	PASS
Band4	10MHz	QPSK	20175	1RB#0	3000~20000	-32.94	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.009~0.15	-55.25	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.15~30	-53.25	PASS
Band4	10MHz	16QAM	20175	1RB#0	30~1000	-62.59	PASS
Band4	10MHz	16QAM	20175	1RB#0	1000~3000	-47.68	PASS
Band4	10MHz	16QAM	20175	1RB#0	3000~20000	-32.92	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.009~0.15	-57.77	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.15~30	-52.65	PASS
Band4	10MHz	QPSK	20350	1RB#0	30~1000	-62.18	PASS
Band4	10MHz	QPSK	20350	1RB#0	1000~3000	-47.83	PASS
Band4	10MHz	QPSK	20350	1RB#0	3000~20000	-33.20	PASS



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Band4	10MHz	16QAM	20350	1RB#0	0.009~0.15	-56.04	PASS
Band4	10MHz	16QAM	20350	1RB#0	0.15~30	-52.40	PASS
Band4	10MHz	16QAM	20350	1RB#0	30~1000	-62.72	PASS
Band4	10MHz	16QAM	20350	1RB#0	1000~3000	-47.72	PASS
Band4	10MHz	16QAM	20350	1RB#0	3000~20000	-32.49	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.009~0.15	-59.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.15~30	-51.56	PASS
Band4	15MHz	QPSK	20025	1RB#0	30~1000	-62.55	PASS
Band4	15MHz	QPSK	20025	1RB#0	1000~3000	-47.31	PASS
Band4	15MHz	QPSK	20025	1RB#0	3000~20000	-33.31	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.009~0.15	-57.83	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.15~30	-51.95	PASS
Band4	15MHz	16QAM	20025	1RB#0	30~1000	-62.19	PASS
Band4	15MHz	16QAM	20025	1RB#0	1000~3000	-47.21	PASS
Band4	15MHz	16QAM	20025	1RB#0	3000~20000	-33.17	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.009~0.15	-54.52	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.15~30	-52.86	PASS
Band4	15MHz	QPSK	20175	1RB#0	30~1000	-62.64	PASS
Band4	15MHz	QPSK	20175	1RB#0	1000~3000	-47.47	PASS
Band4	15MHz	QPSK	20175	1RB#0	3000~20000	-32.81	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.009~0.15	-56.87	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.15~30	-52.08	PASS
Band4	15MHz	16QAM	20175	1RB#0	30~1000	-62.80	PASS
Band4	15MHz	16QAM	20175	1RB#0	1000~3000	-47.07	PASS
Band4	15MHz	16QAM	20175	1RB#0	3000~20000	-33.14	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.009~0.15	-58.07	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.15~30	-50.65	PASS
Band4	15MHz	QPSK	20325	1RB#0	30~1000	-62.56	PASS
Band4	15MHz	QPSK	20325	1RB#0	1000~3000	-47.58	PASS
Band4	15MHz	QPSK	20325	1RB#0	3000~20000	-32.93	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.009~0.15	-58.68	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.15~30	-51.78	PASS
Band4	15MHz	16QAM	20325	1RB#0	30~1000	-62.75	PASS
Band4	15MHz	16QAM	20325	1RB#0	1000~3000	-47.41	PASS
Band4	15MHz	16QAM	20325	1RB#0	3000~20000	-32.76	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.009~0.15	-59.78	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.15~30	-50.61	PASS
Band4	20MHz	QPSK	20050	1RB#0	30~1000	-62.67	PASS
Band4	20MHz	QPSK	20050	1RB#0	1000~3000	-39.29	PASS
Band4	20MHz	QPSK	20050	1RB#0	3000~20000	-32.83	PASS



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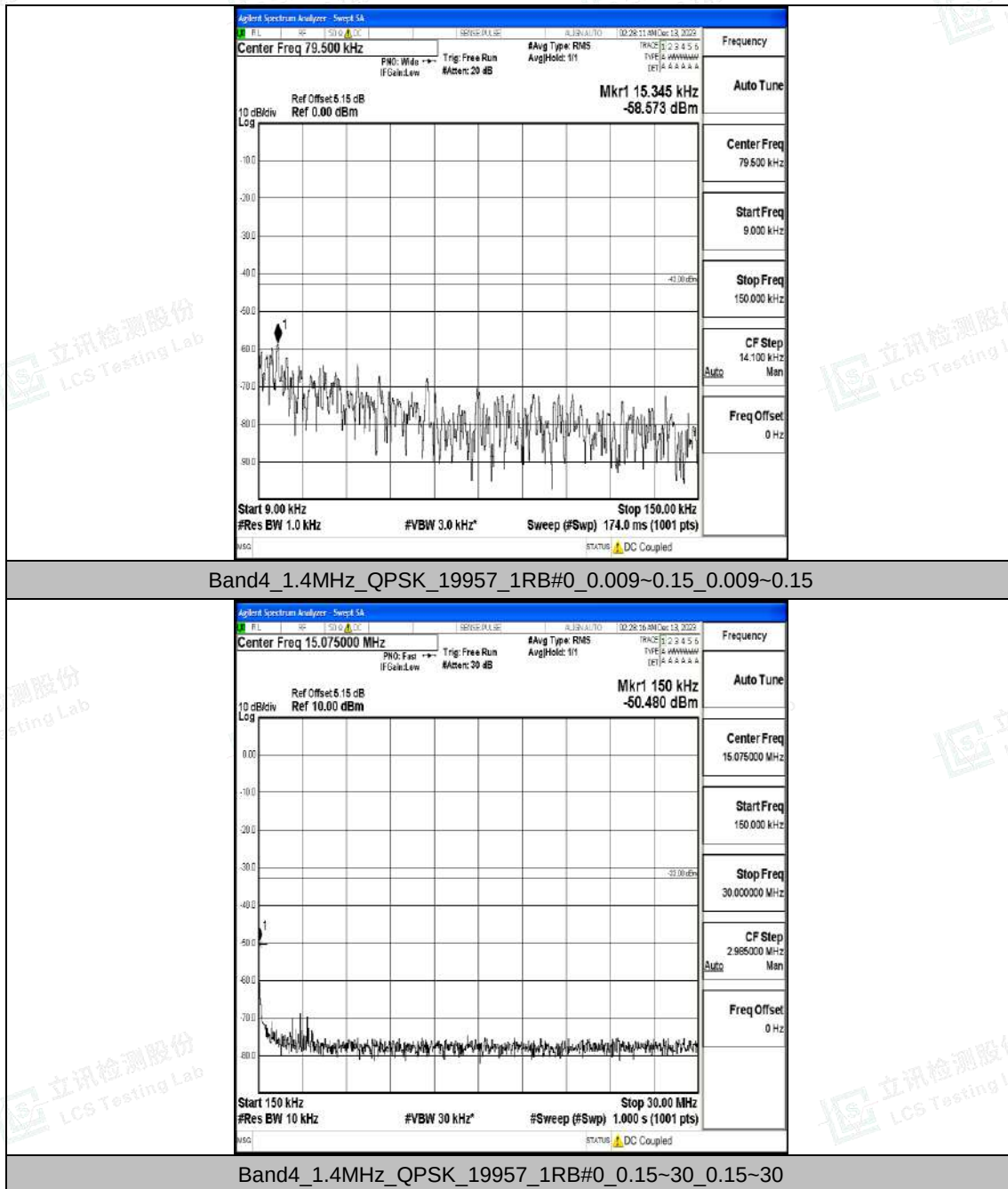


Band4	20MHz	16QAM	20050	1RB#0	0.009~0.15	-57.52	PASS
Band4	20MHz	16QAM	20050	1RB#0	0.15~30	-52.90	PASS
Band4	20MHz	16QAM	20050	1RB#0	30~1000	-62.83	PASS
Band4	20MHz	16QAM	20050	1RB#0	1000~3000	-40.33	PASS
Band4	20MHz	16QAM	20050	1RB#0	3000~20000	-32.87	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.009~0.15	-55.67	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.15~30	-52.14	PASS
Band4	20MHz	QPSK	20175	1RB#0	30~1000	-62.77	PASS
Band4	20MHz	QPSK	20175	1RB#0	1000~3000	-47.55	PASS
Band4	20MHz	QPSK	20175	1RB#0	3000~20000	-32.74	PASS
Band4	20MHz	16QAM	20175	1RB#0	0.009~0.15	-58.83	PASS
Band4	20MHz	16QAM	20175	1RB#0	0.15~30	-51.33	PASS
Band4	20MHz	16QAM	20175	1RB#0	30~1000	-62.94	PASS
Band4	20MHz	16QAM	20175	1RB#0	1000~3000	-47.74	PASS
Band4	20MHz	16QAM	20175	1RB#0	3000~20000	-32.90	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.009~0.15	-54.69	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.15~30	-49.64	PASS
Band4	20MHz	QPSK	20300	1RB#0	30~1000	-62.59	PASS
Band4	20MHz	QPSK	20300	1RB#0	1000~3000	-47.19	PASS
Band4	20MHz	QPSK	20300	1RB#0	3000~20000	-32.69	PASS
Band4	20MHz	16QAM	20300	1RB#0	0.009~0.15	-57.26	PASS
Band4	20MHz	16QAM	20300	1RB#0	0.15~30	-52.60	PASS
Band4	20MHz	16QAM	20300	1RB#0	30~1000	-63.05	PASS
Band4	20MHz	16QAM	20300	1RB#0	1000~3000	-47.61	PASS
Band4	20MHz	16QAM	20300	1RB#0	3000~20000	-32.95	PASS

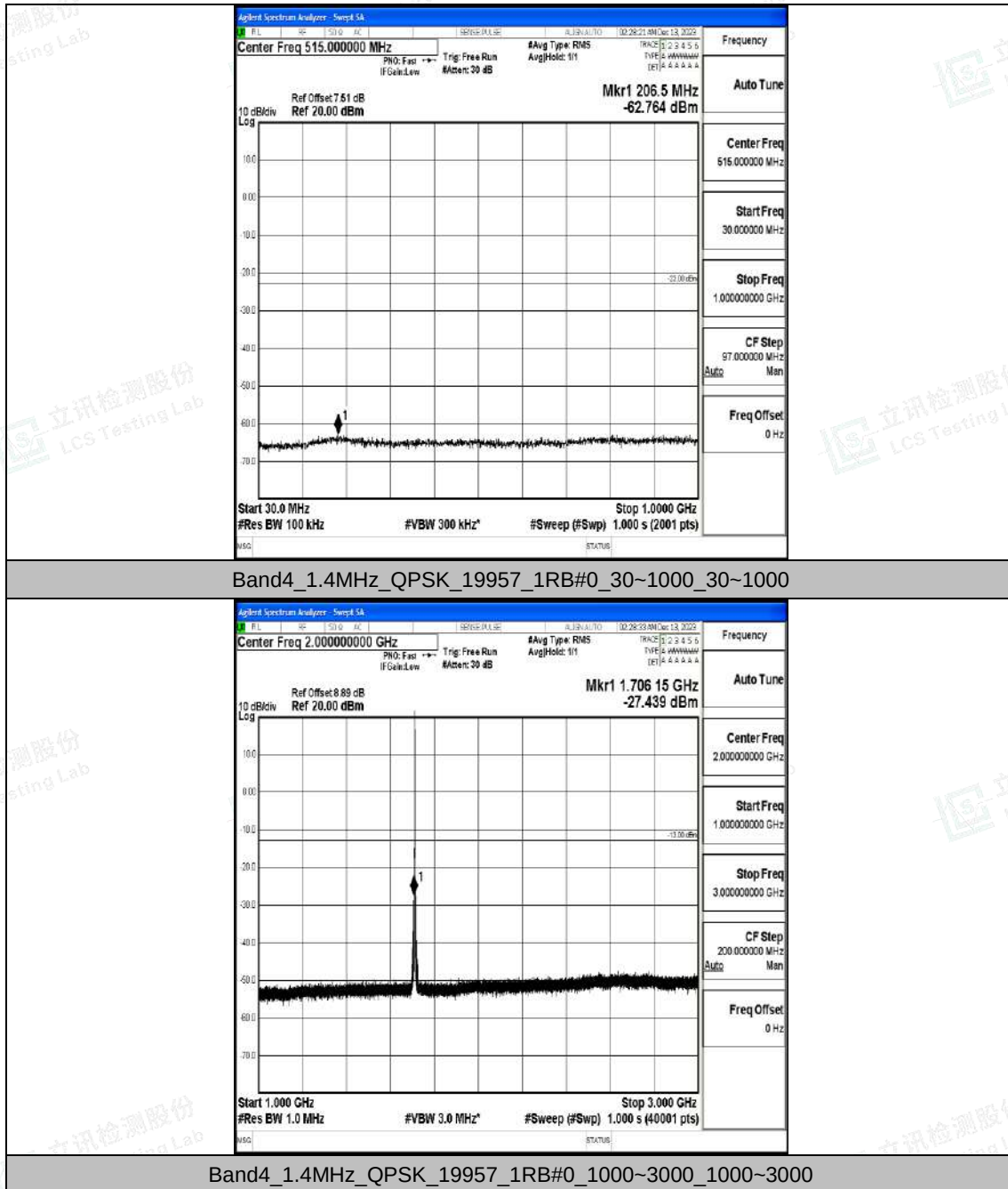




Test Graphs



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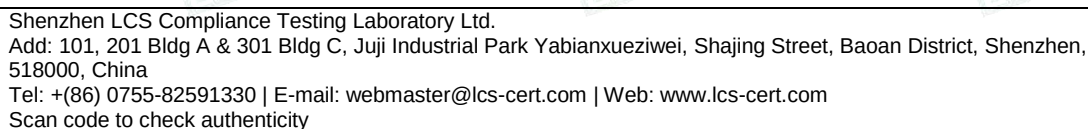
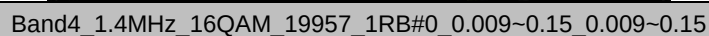
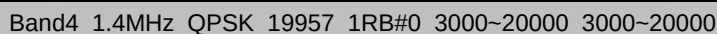


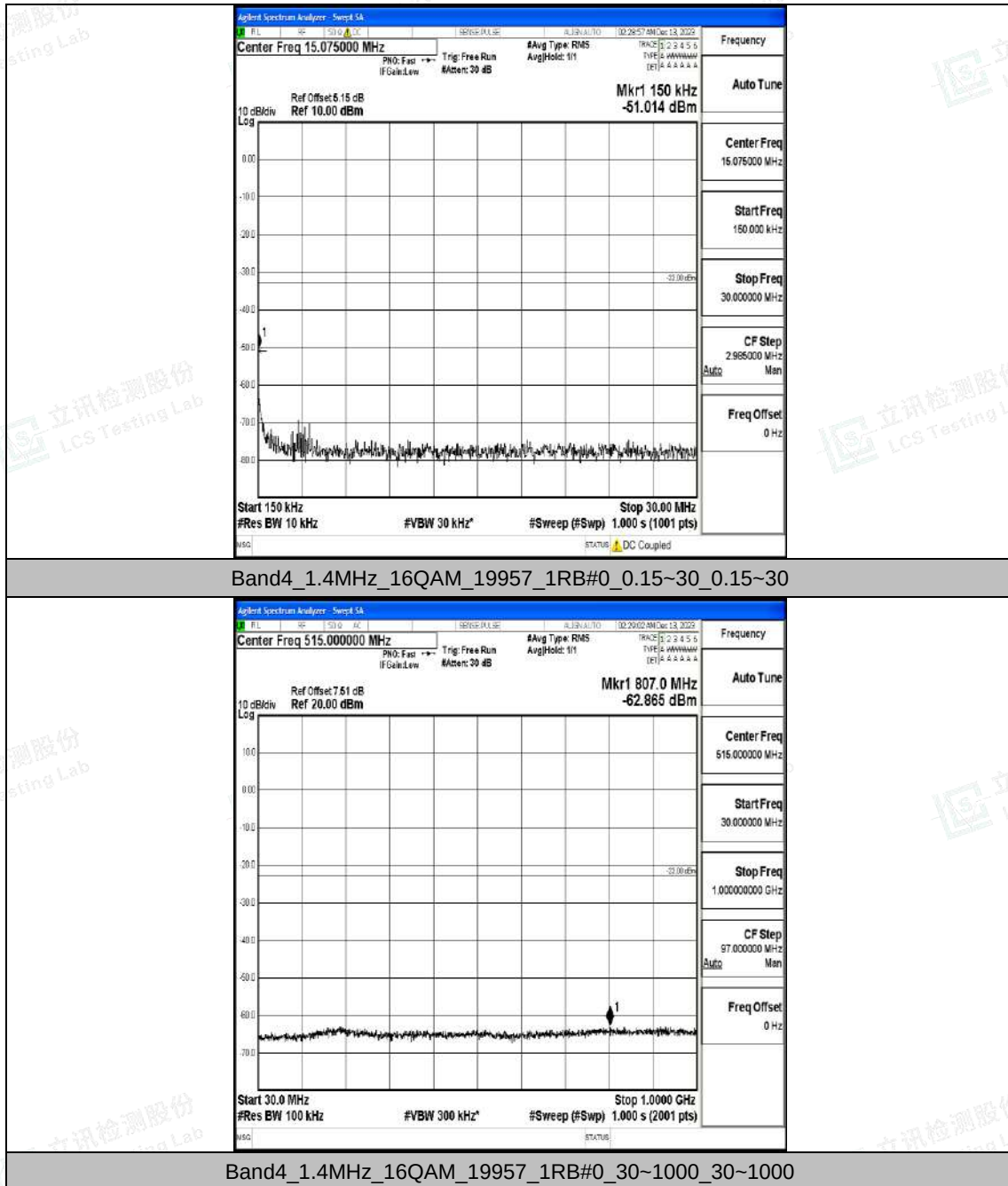
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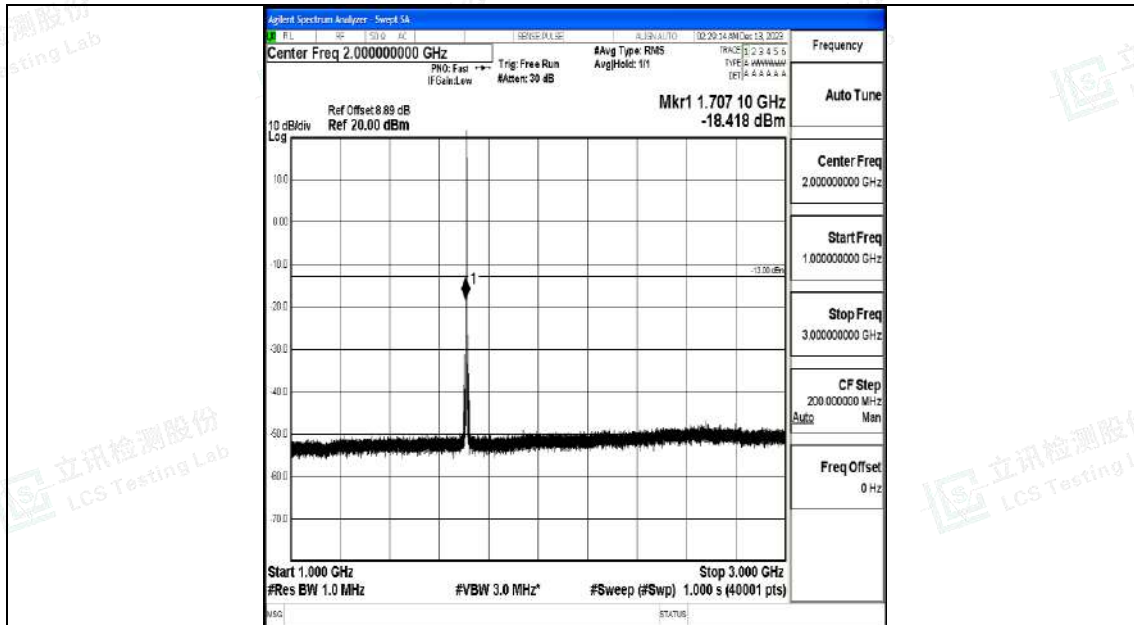


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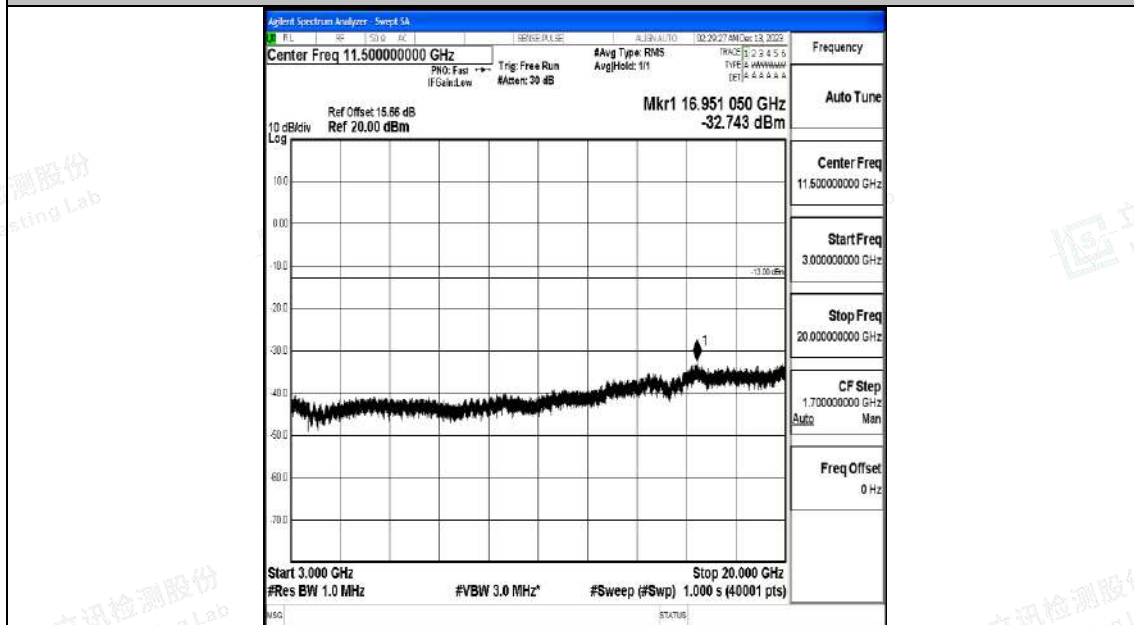
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Band4_1.4MHz_16QAM_19957_1RB#0_1000~3000_1000~3000



Band4_1.4MHz_16QAM_19957_1RB#0_3000~20000_3000~20000

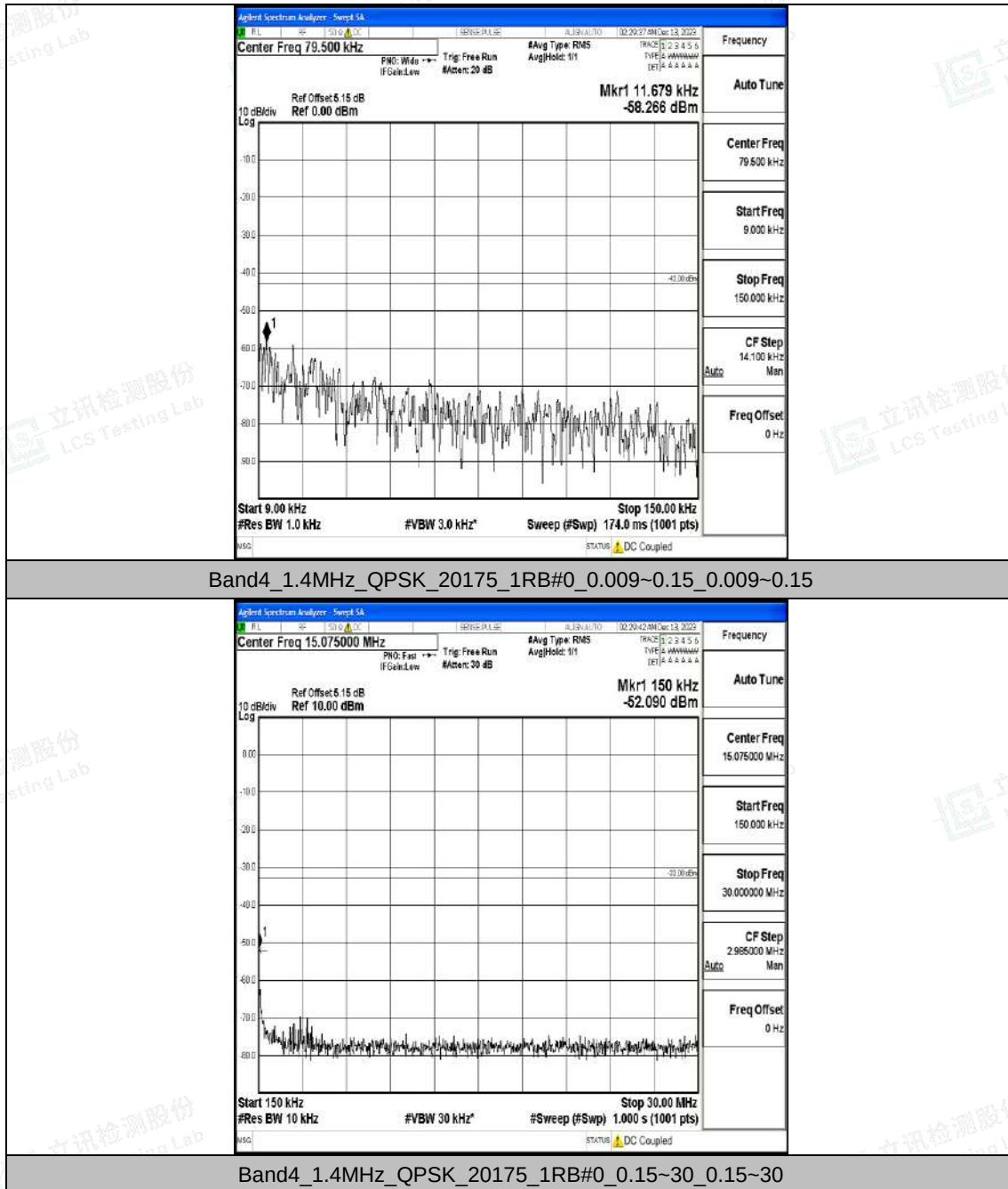


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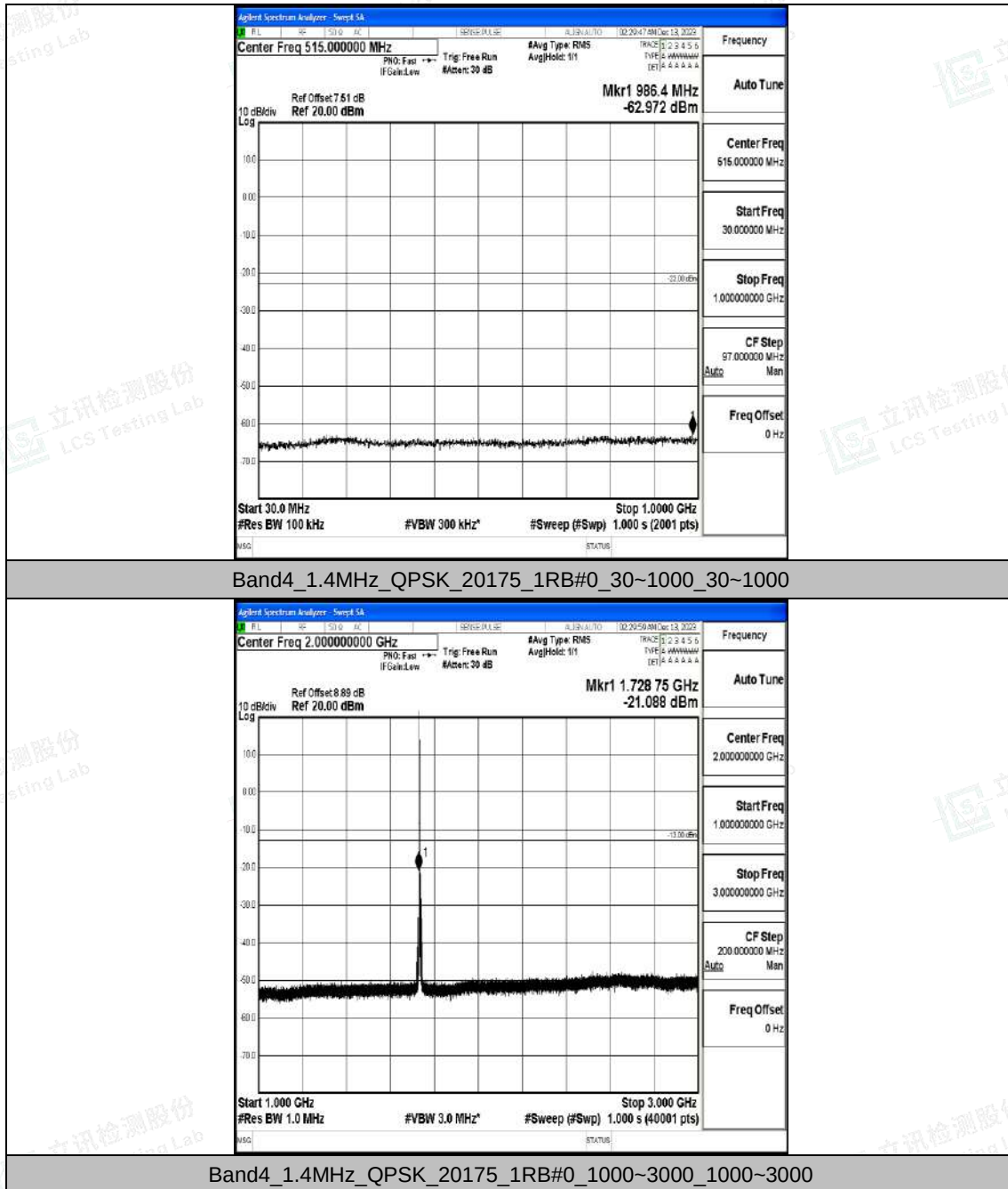


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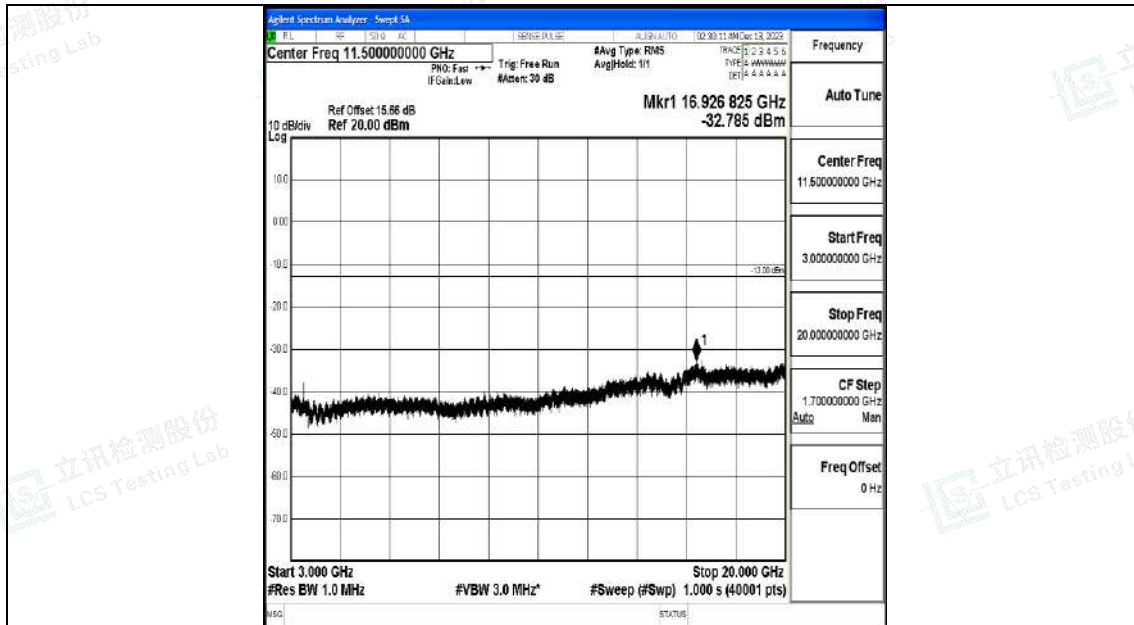


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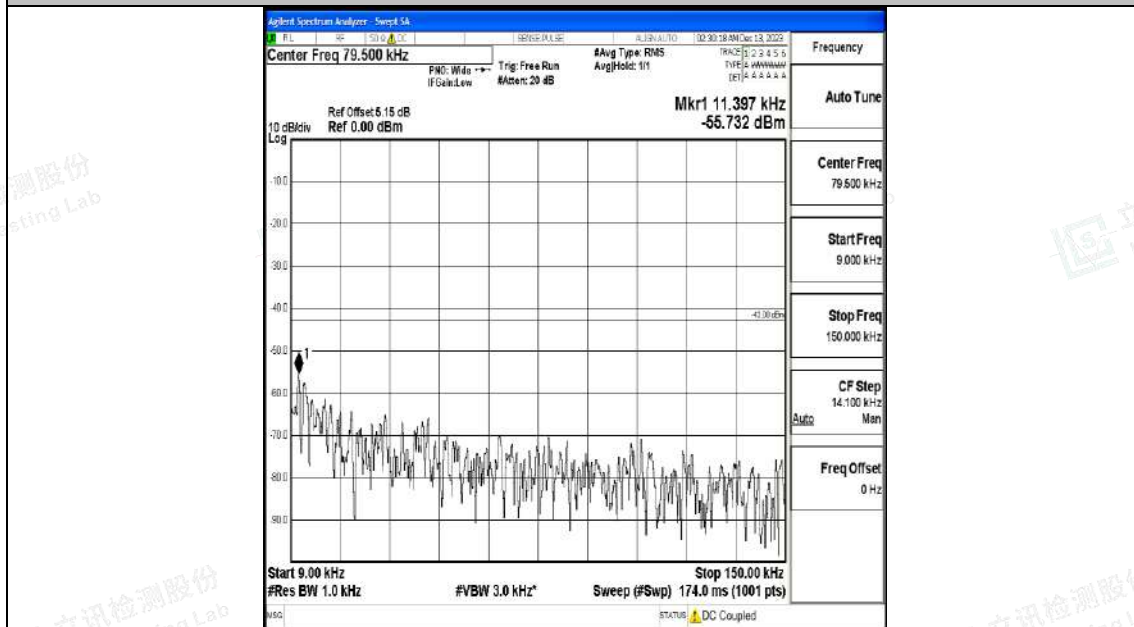
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Band4_1.4MHz_QPSK_20175_1RB#0_3000~20000_3000~20000



Band4_1.4MHz_16QAM_20175_1RB#0_0.009~0.15_0.009~0.15

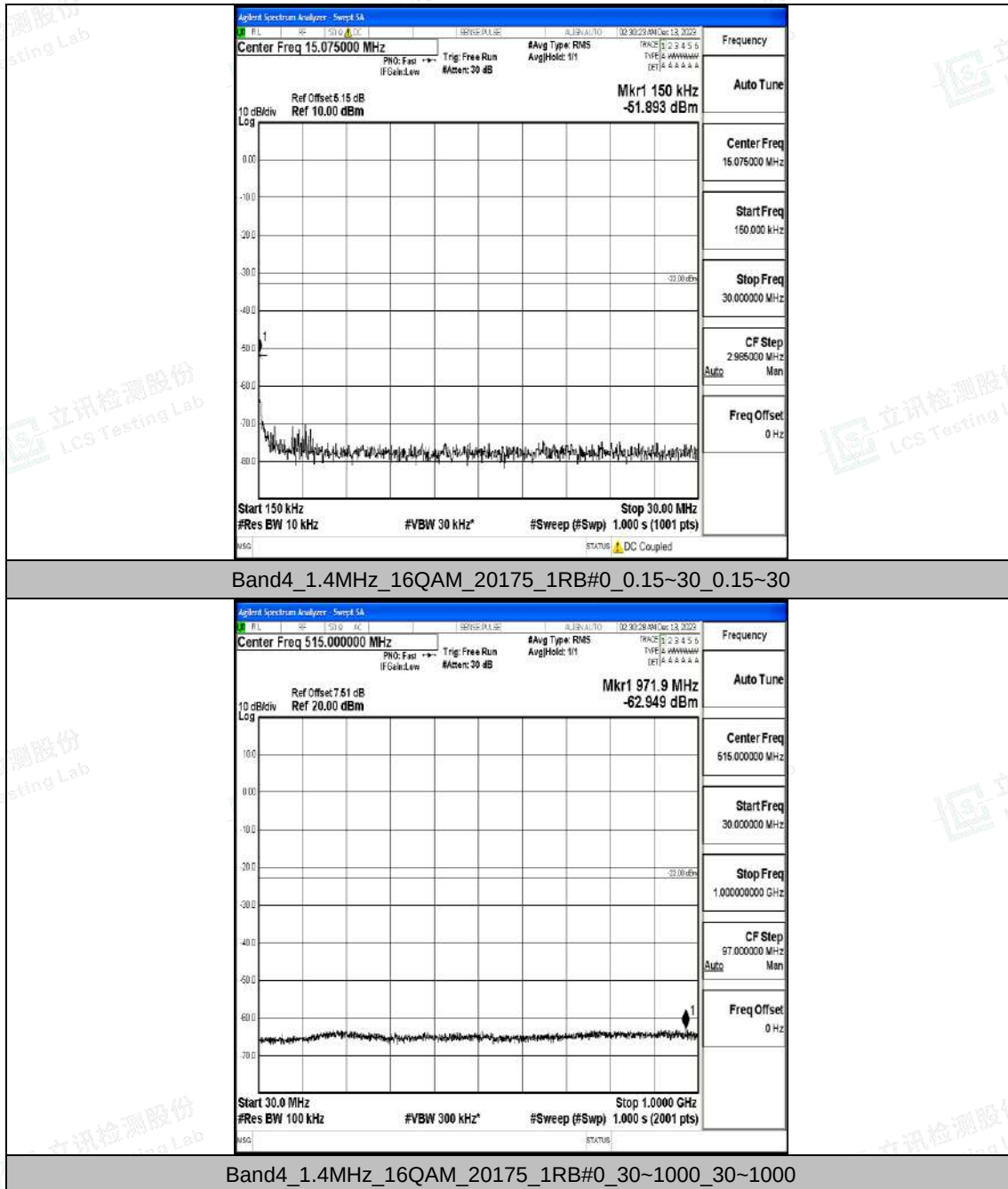


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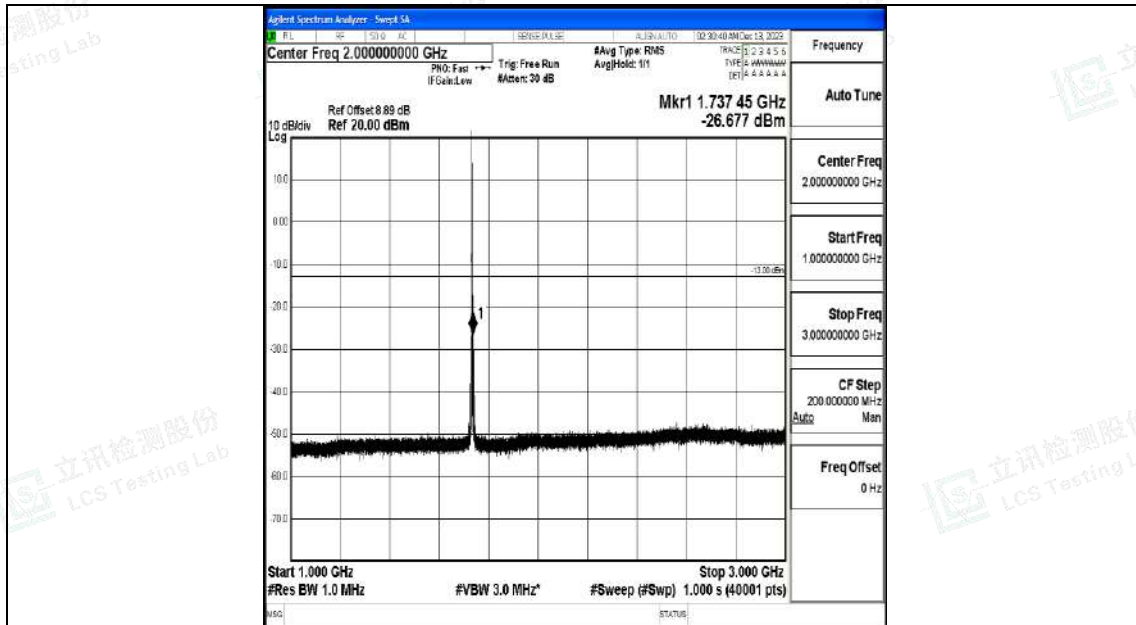


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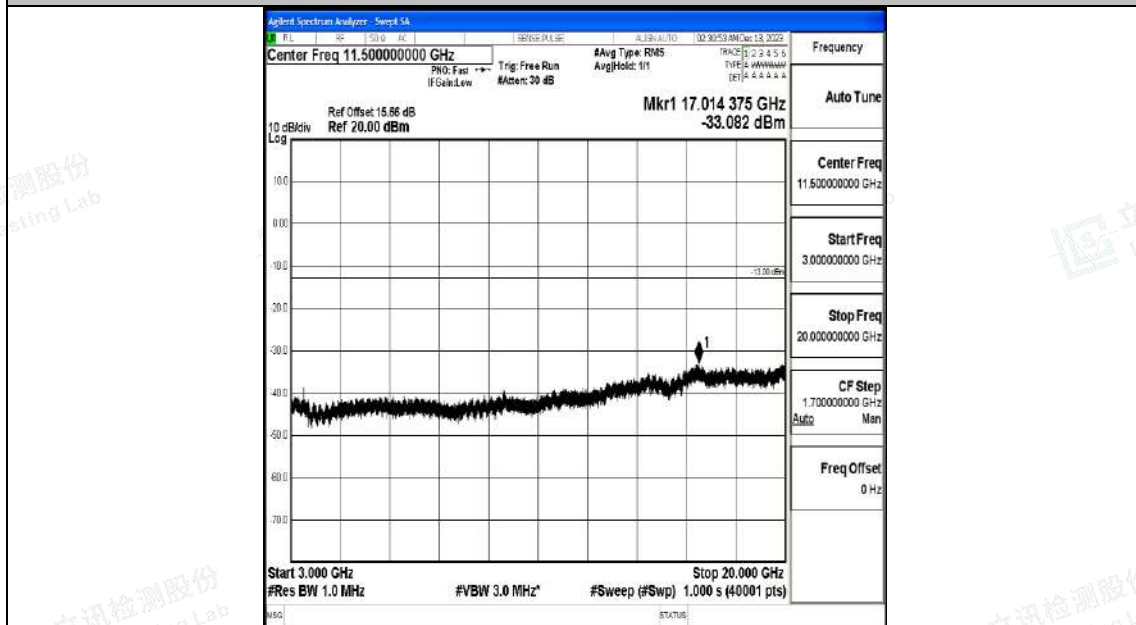
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Band4_1.4MHz_16QAM_20175_1RB#0_1000~3000_1000~3000



Band4_1.4MHz_16QAM_20175_1RB#0_3000~20000_3000~20000

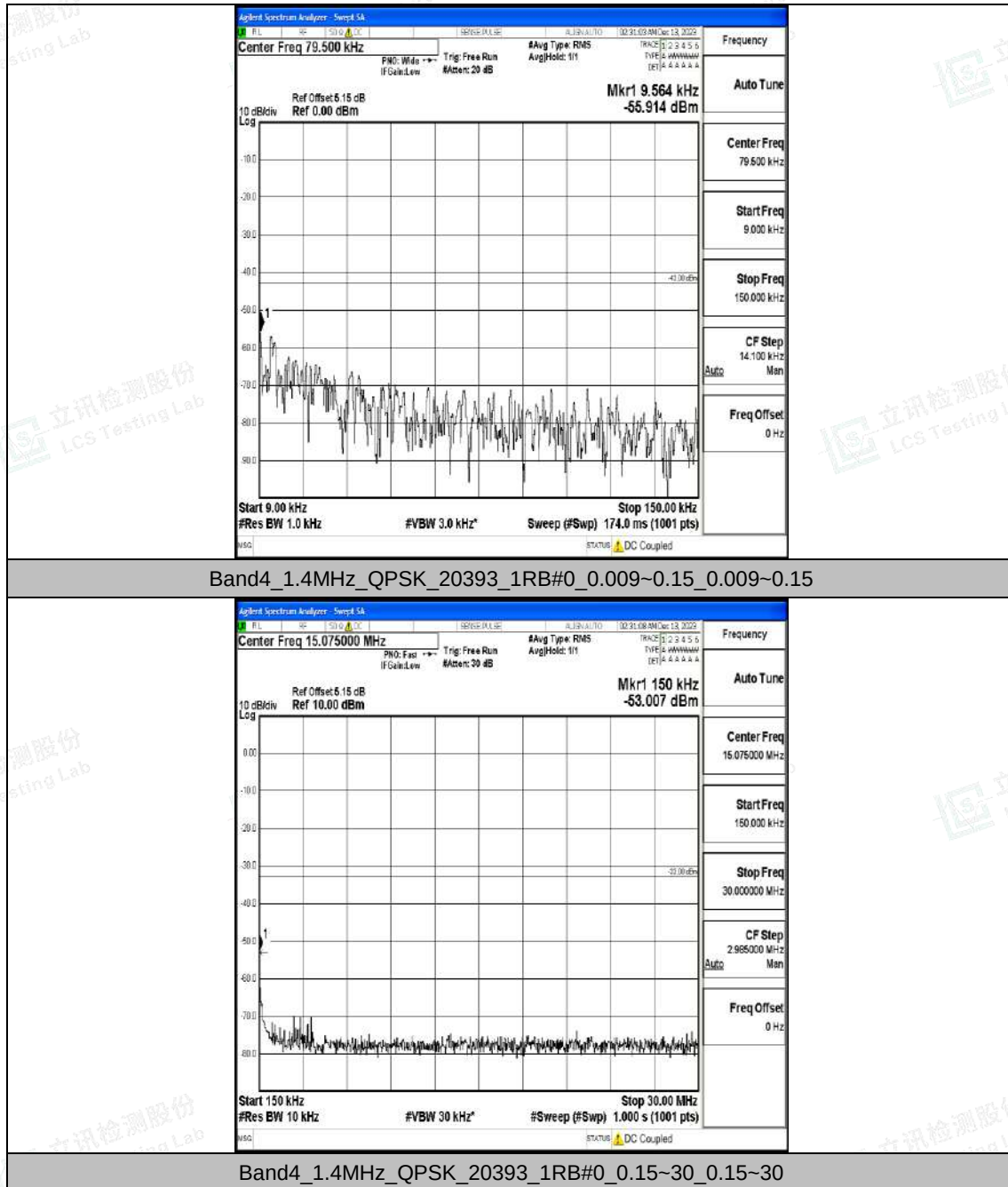


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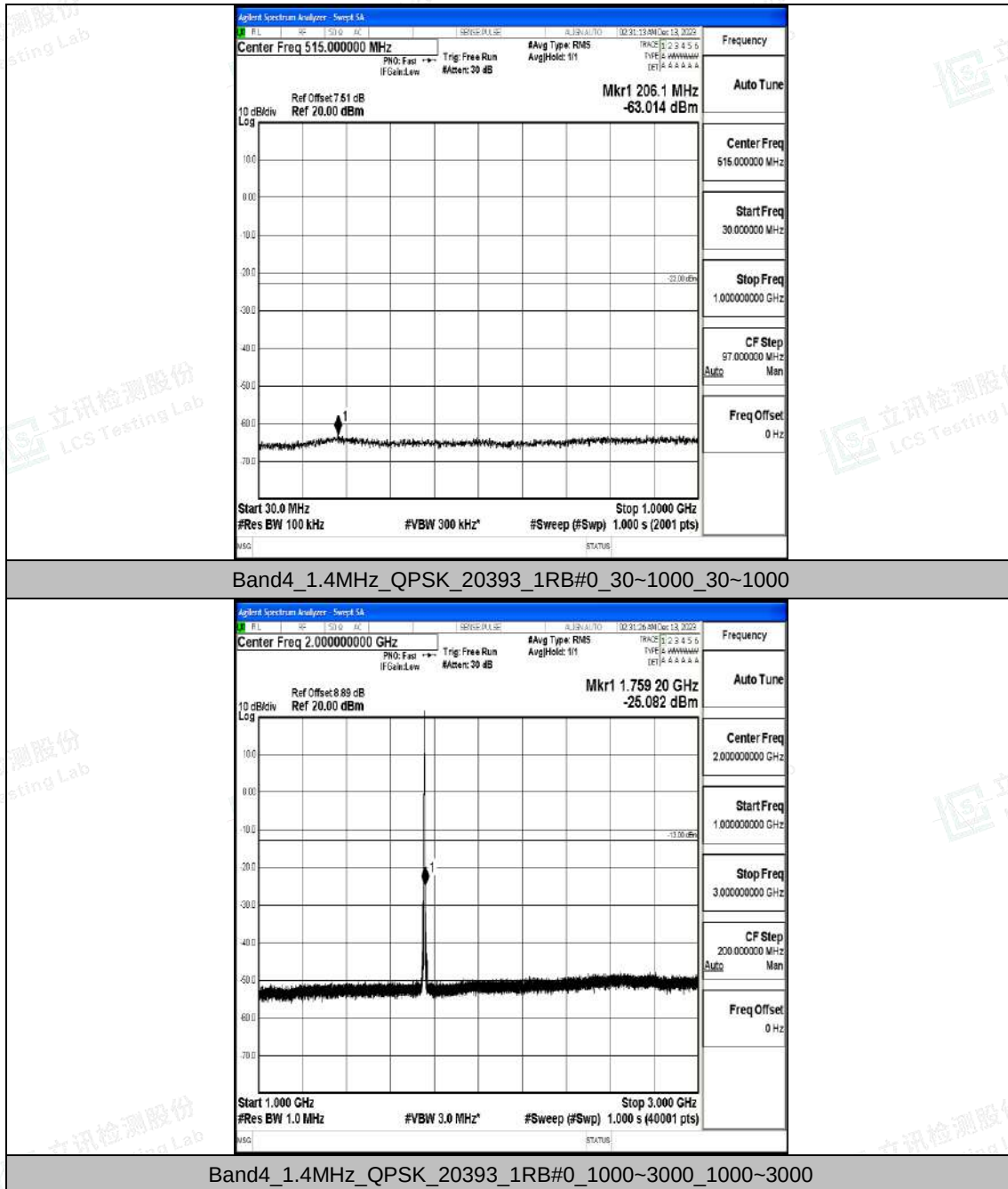


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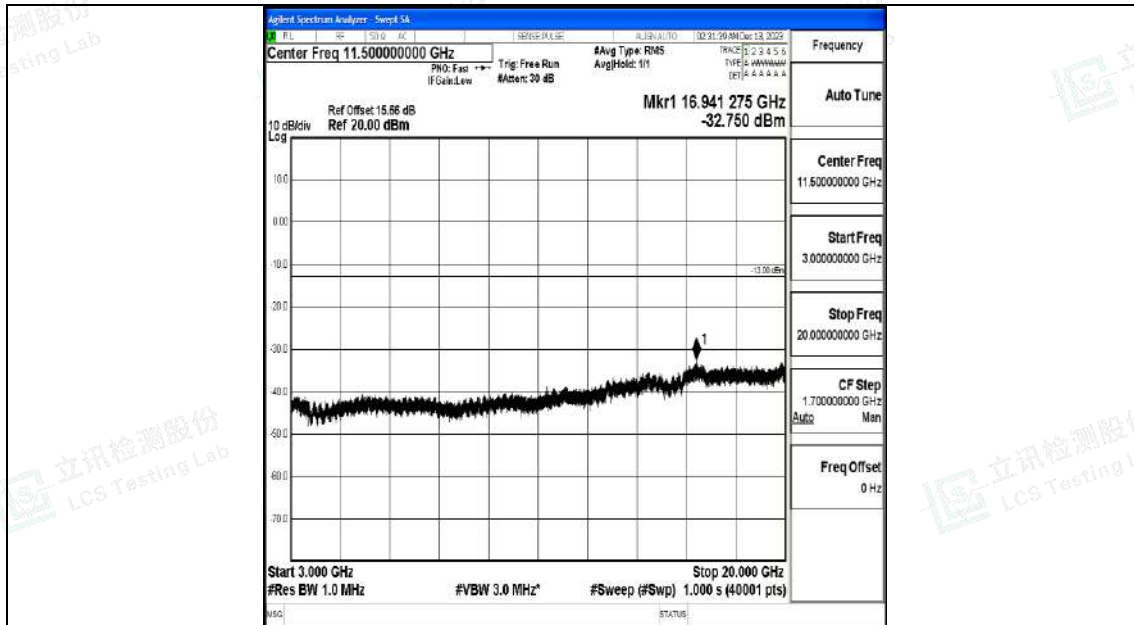


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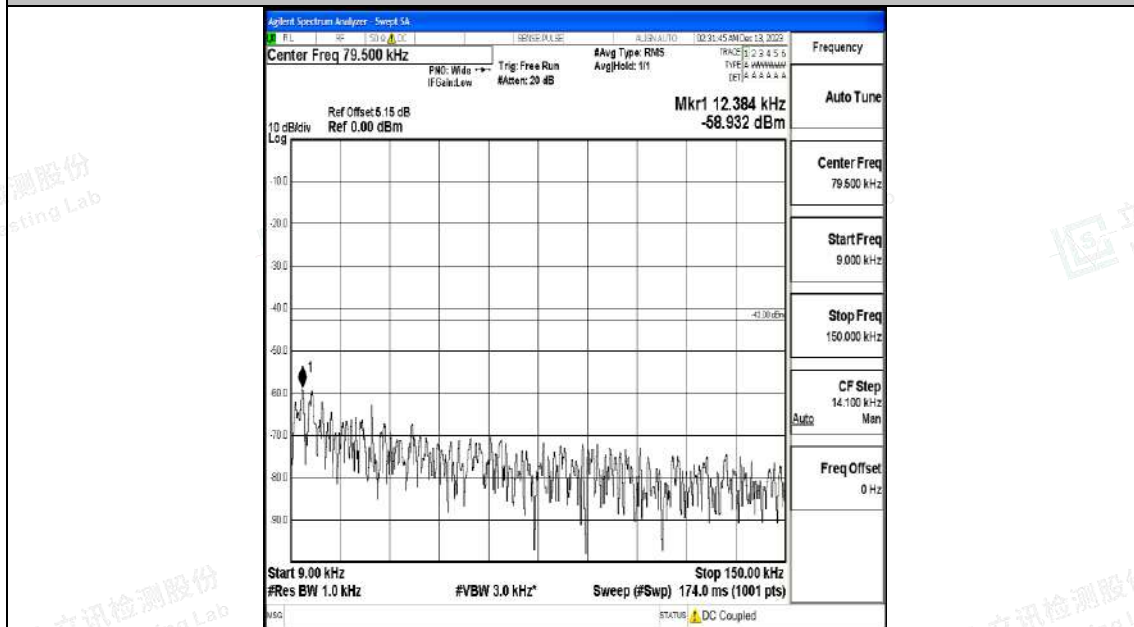
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Band4_1.4MHz_QPSK_20393_1RB#0_3000~20000_3000~20000



Band4_1.4MHz_16QAM_20393_1RB#0_0.009~0.15_0.009~0.15

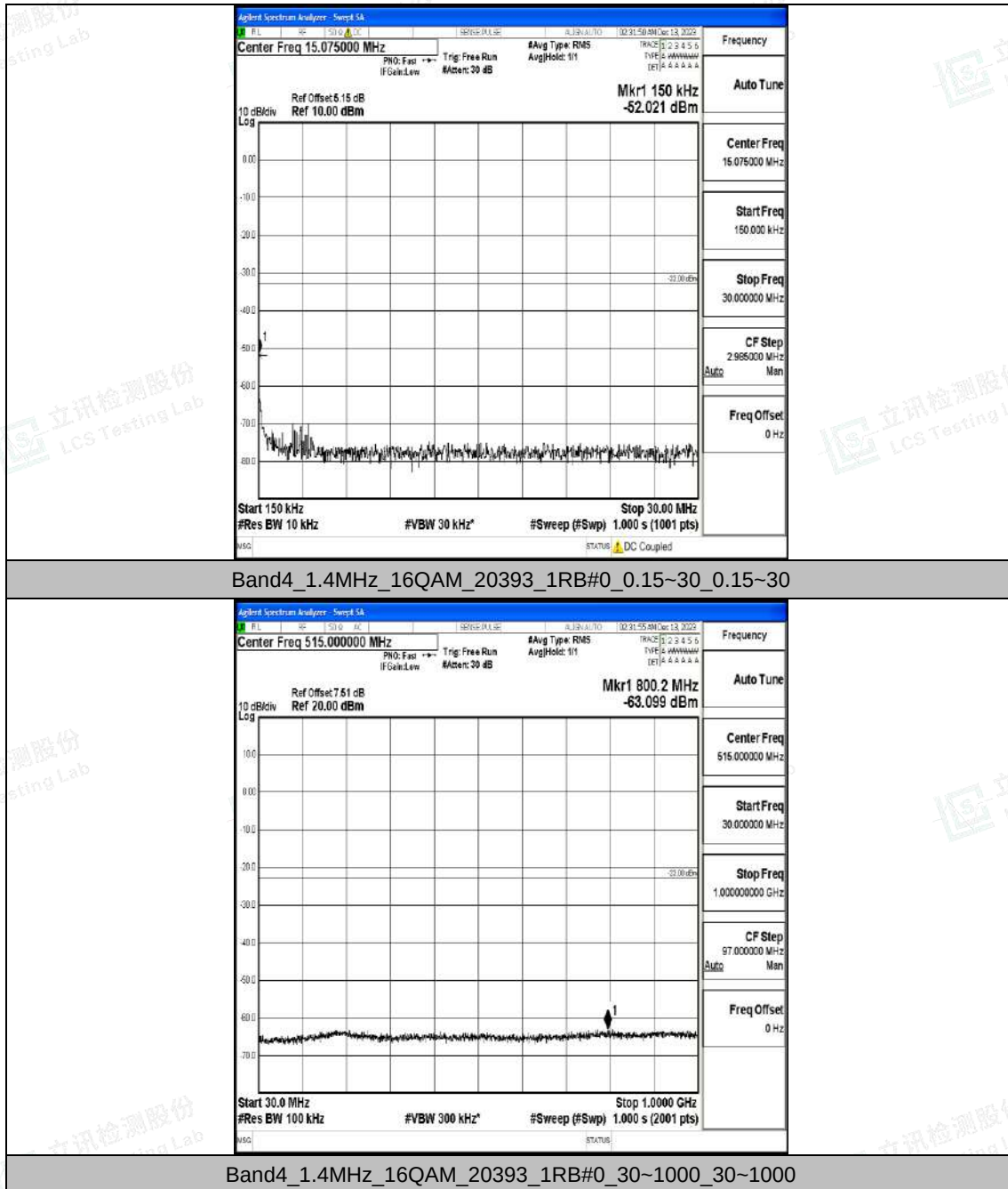


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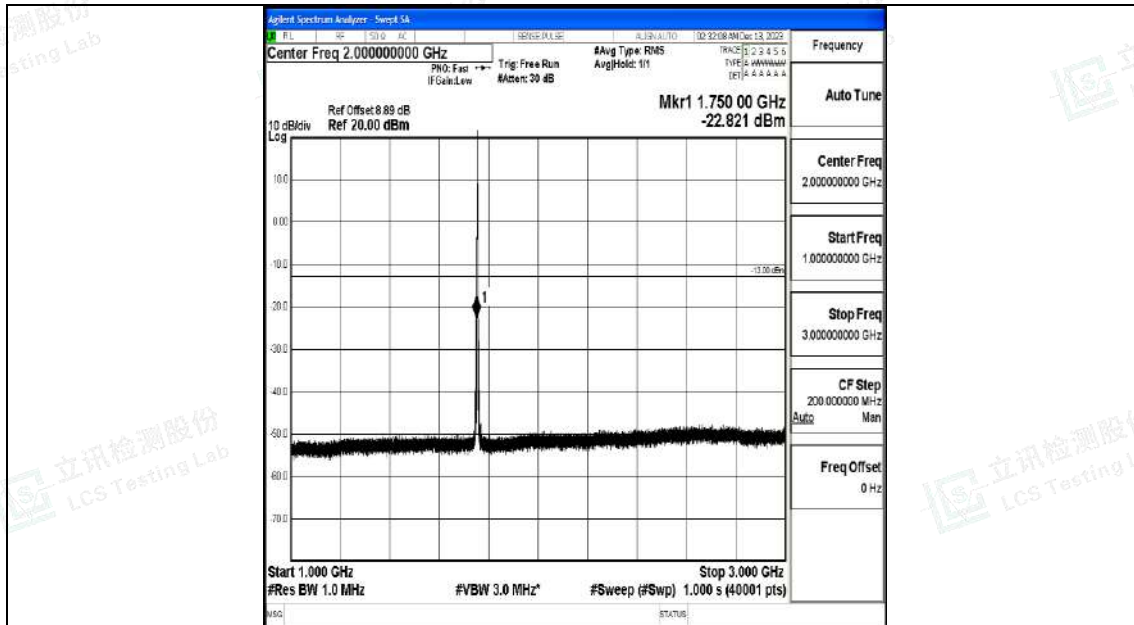


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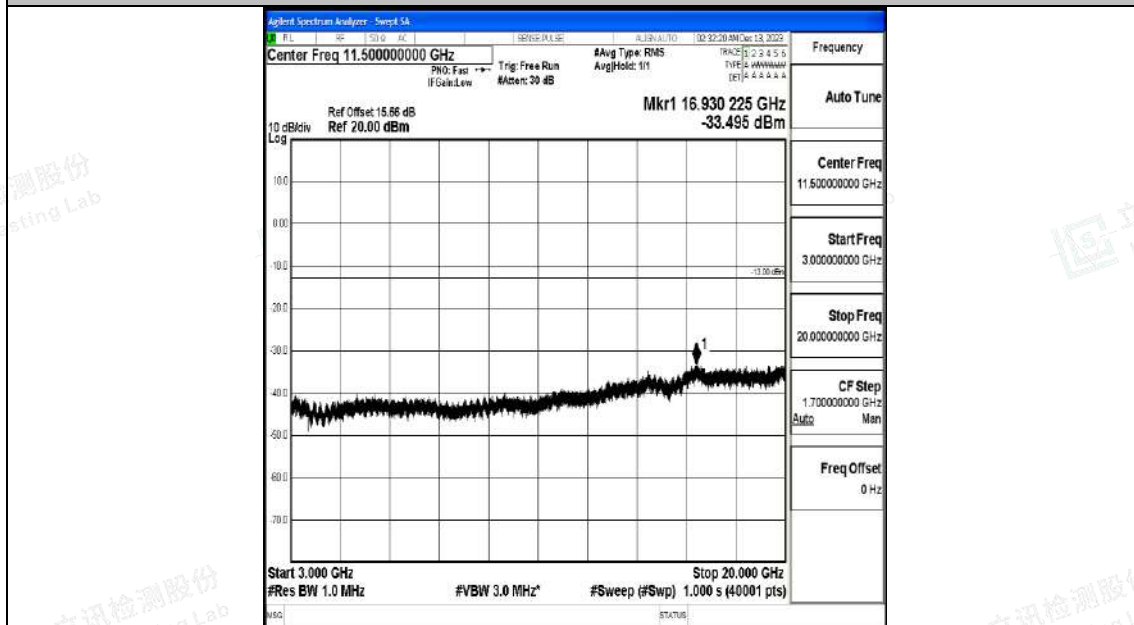
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Band4_1.4MHz_16QAM_20393_1RB#0_1000~3000_1000~3000



Band4_1.4MHz_16QAM_20393_1RB#0_3000~20000_3000~20000

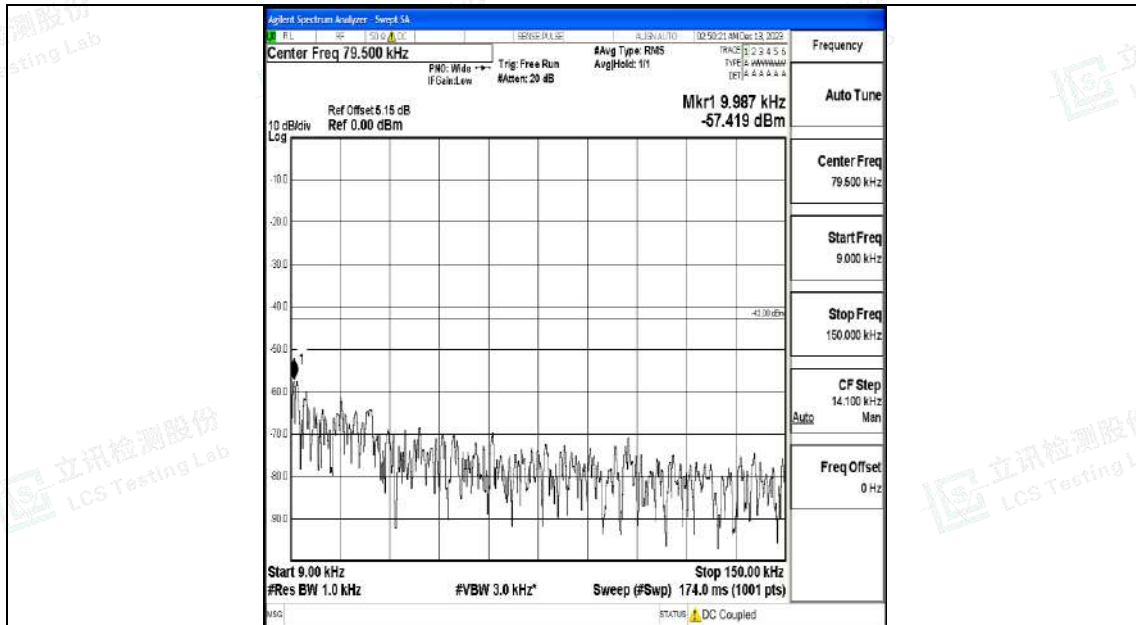


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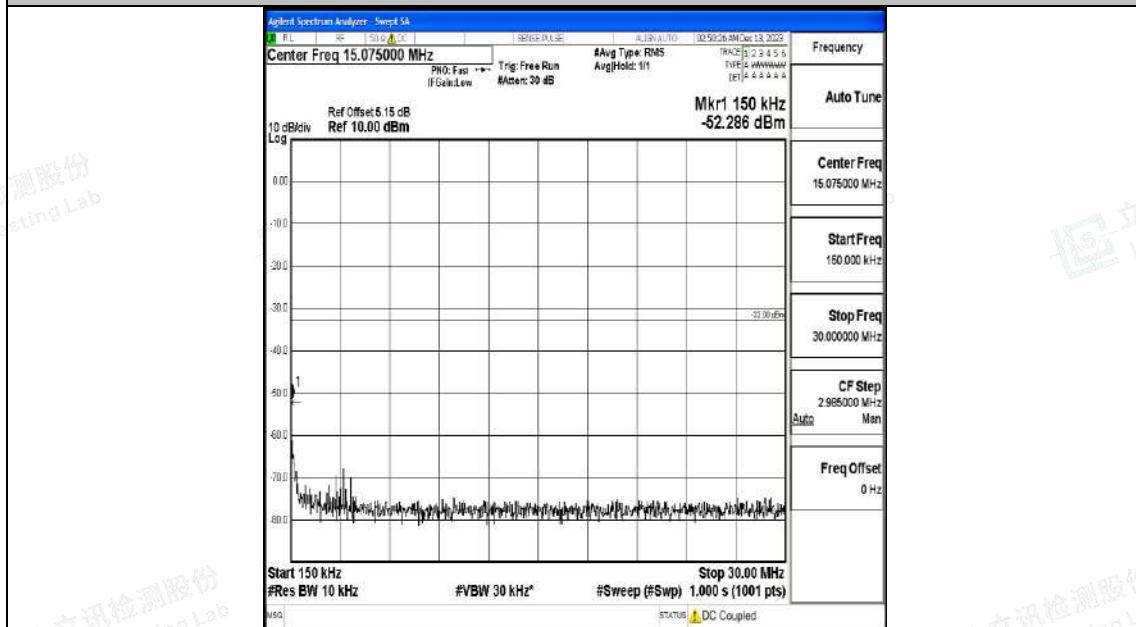
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Band4_3MHz_QPSK_19965_1RB#0_0.009~0.15_0.009~0.15



Band4_3MHz_QPSK_19965_1RB#0_0.15~30_0.15~30

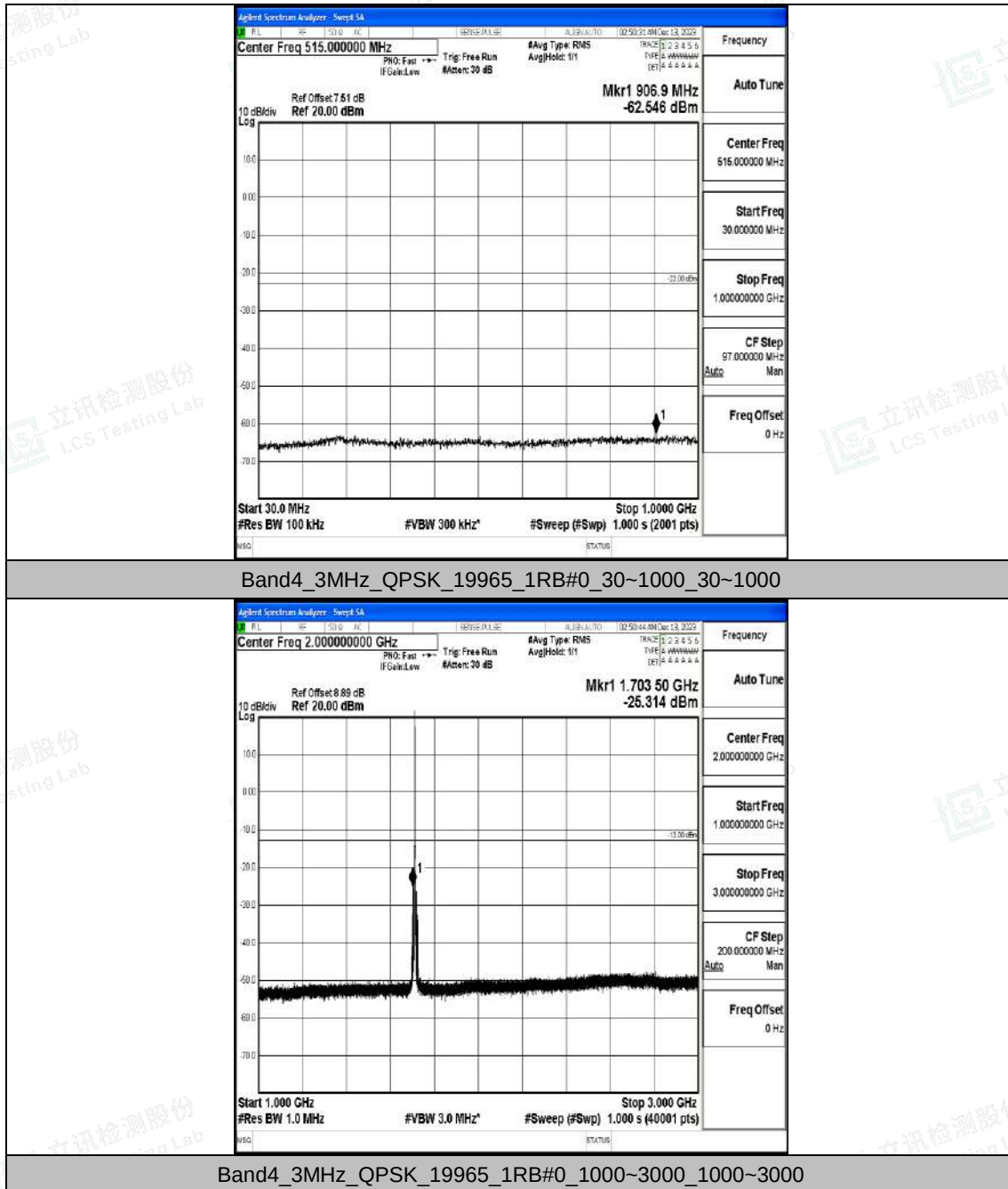


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