



Appendix H: Test Data for E-UTRA Band 5

Product Name: Smart POS

Test Model: WIZARPOS Q3

Environmental Conditions

Temperature:	25.2°C
Relative Humidity:	54.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Can Kun



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H.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.82	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	24.83	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.92	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	25.21	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	24.74	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	25.23	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.91	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	24.28	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.76	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.73	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.67	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	23.76	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.97	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	23.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.97	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.86	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.77	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.90	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.91	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.89	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.97	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	24.50	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	25.00	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	24.50	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.99	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	24.44	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	24.10	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	23.57	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	24.50	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	24.89	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	24.37	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	24.47	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	24.06	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.95	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	24.52	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	23.86	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	24.61	PASS



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Band5	1.4MHz	16QAM	20643	3RB#1	23.86	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	24.40	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	23.64	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.80	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	23.54	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.37	PASS
Band5	3MHz	16QAM	20415	1RB#0	24.16	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.51	PASS
Band5	3MHz	16QAM	20415	1RB#8	24.09	PASS
Band5	3MHz	QPSK	20415	1RB#14	24.54	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.71	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.97	PASS
Band5	3MHz	16QAM	20415	8RB#0	23.38	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.65	PASS
Band5	3MHz	16QAM	20415	8RB#4	23.37	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.74	PASS
Band5	3MHz	16QAM	20415	8RB#7	23.37	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.73	PASS
Band5	3MHz	16QAM	20415	15RB#0	23.15	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.66	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.57	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.74	PASS
Band5	3MHz	16QAM	20525	1RB#8	24.25	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.88	PASS
Band5	3MHz	16QAM	20525	1RB#14	24.44	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.78	PASS
Band5	3MHz	16QAM	20525	8RB#0	23.54	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.71	PASS
Band5	3MHz	16QAM	20525	8RB#4	23.47	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.64	PASS
Band5	3MHz	16QAM	20525	8RB#7	23.47	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.77	PASS
Band5	3MHz	16QAM	20525	15RB#0	23.19	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.58	PASS
Band5	3MHz	16QAM	20635	1RB#0	24.96	PASS
Band5	3MHz	QPSK	20635	1RB#8	24.54	PASS
Band5	3MHz	16QAM	20635	1RB#8	24.65	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.87	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.88	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.73	PASS
Band5	3MHz	16QAM	20635	8RB#0	23.38	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.75	PASS
Band5	3MHz	16QAM	20635	8RB#4	23.41	PASS



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Band5	3MHz	QPSK	20635	8RB#7	23.61	PASS
Band5	3MHz	16QAM	20635	8RB#7	23.25	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.60	PASS
Band5	3MHz	16QAM	20635	15RB#0	23.05	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.69	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.42	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.57	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.50	PASS
Band5	5MHz	QPSK	20425	1RB#24	24.89	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.62	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.73	PASS
Band5	5MHz	16QAM	20425	12RB#0	23.17	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.74	PASS
Band5	5MHz	16QAM	20425	12RB#6	23.19	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.61	PASS
Band5	5MHz	16QAM	20425	12RB#13	23.22	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.72	PASS
Band5	5MHz	16QAM	20425	25RB#0	23.29	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.53	PASS
Band5	5MHz	16QAM	20525	1RB#0	24.66	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.42	PASS
Band5	5MHz	16QAM	20525	1RB#12	24.75	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.51	PASS
Band5	5MHz	16QAM	20525	1RB#24	24.70	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.81	PASS
Band5	5MHz	16QAM	20525	12RB#0	23.27	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.81	PASS
Band5	5MHz	16QAM	20525	12RB#6	23.28	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.94	PASS
Band5	5MHz	16QAM	20525	12RB#13	23.28	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.85	PASS
Band5	5MHz	16QAM	20525	25RB#0	23.32	PASS
Band5	5MHz	QPSK	20625	1RB#0	24.65	PASS
Band5	5MHz	16QAM	20625	1RB#0	24.15	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.56	PASS
Band5	5MHz	16QAM	20625	1RB#12	24.11	PASS
Band5	5MHz	QPSK	20625	1RB#24	24.16	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.67	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.84	PASS
Band5	5MHz	16QAM	20625	12RB#0	23.36	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.89	PASS
Band5	5MHz	16QAM	20625	12RB#6	23.36	PASS
Band5	5MHz	QPSK	20625	12RB#13	23.66	PASS



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Band5	5MHz	16QAM	20625	12RB#13	23.18	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.84	PASS
Band5	5MHz	16QAM	20625	25RB#0	23.17	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.64	PASS
Band5	10MHz	16QAM	20450	1RB#0	24.16	PASS
Band5	10MHz	QPSK	20450	1RB#24	24.51	PASS
Band5	10MHz	16QAM	20450	1RB#24	24.29	PASS
Band5	10MHz	QPSK	20450	1RB#49	24.72	PASS
Band5	10MHz	16QAM	20450	1RB#49	24.36	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.59	PASS
Band5	10MHz	16QAM	20450	25RB#0	23.14	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.63	PASS
Band5	10MHz	16QAM	20450	25RB#12	23.15	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.71	PASS
Band5	10MHz	16QAM	20450	25RB#25	23.16	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.67	PASS
Band5	10MHz	16QAM	20450	50RB#0	23.15	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.77	PASS
Band5	10MHz	16QAM	20525	1RB#0	24.35	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.76	PASS
Band5	10MHz	16QAM	20525	1RB#24	24.51	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.81	PASS
Band5	10MHz	16QAM	20525	1RB#49	24.46	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.86	PASS
Band5	10MHz	16QAM	20525	25RB#0	23.43	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.80	PASS
Band5	10MHz	16QAM	20525	25RB#12	23.43	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.76	PASS
Band5	10MHz	16QAM	20525	25RB#25	23.40	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.80	PASS
Band5	10MHz	16QAM	20525	50RB#0	23.32	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.63	PASS
Band5	10MHz	16QAM	20600	1RB#0	24.77	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.52	PASS
Band5	10MHz	16QAM	20600	1RB#24	24.28	PASS
Band5	10MHz	QPSK	20600	1RB#49	24.53	PASS
Band5	10MHz	16QAM	20600	1RB#49	24.00	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.75	PASS
Band5	10MHz	16QAM	20600	25RB#0	23.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.85	PASS
Band5	10MHz	16QAM	20600	25RB#12	23.36	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.76	PASS
Band5	10MHz	16QAM	20600	25RB#25	23.44	PASS



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Band5	10MHz	QPSK	20600	50RB#0	23.80	PASS
Band5	10MHz	16QAM	20600	50RB#0	23.37	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.89	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.20	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.53	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.11	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.82	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.58	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.45	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.04	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.19	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3.91	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.83	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.40	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.00	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.75	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.60	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.28	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.98	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.33	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.46	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.09	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.43	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.39	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.10	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.71	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.12	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.70	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.65	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.24	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.13	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.60	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.52	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.16	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.50	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.83	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.41	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.00	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.10	13	PASS



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Band5	10MHz	16QAM	20450	1RB#0	5.64	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.66	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.32	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	5.12	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.53	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.53	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.21	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.74	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.29	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.44	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.07	13	PASS



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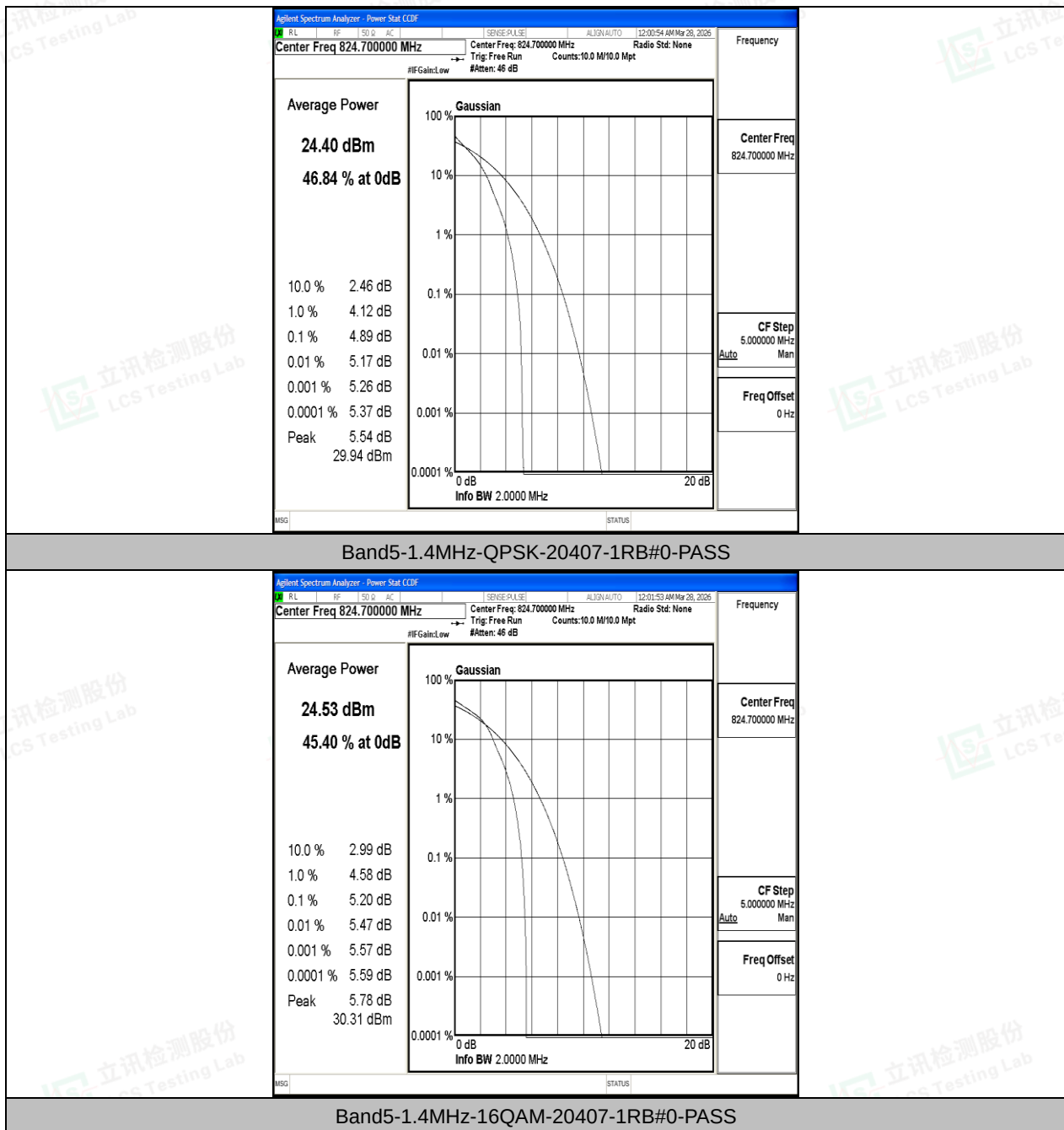
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Test Graphs

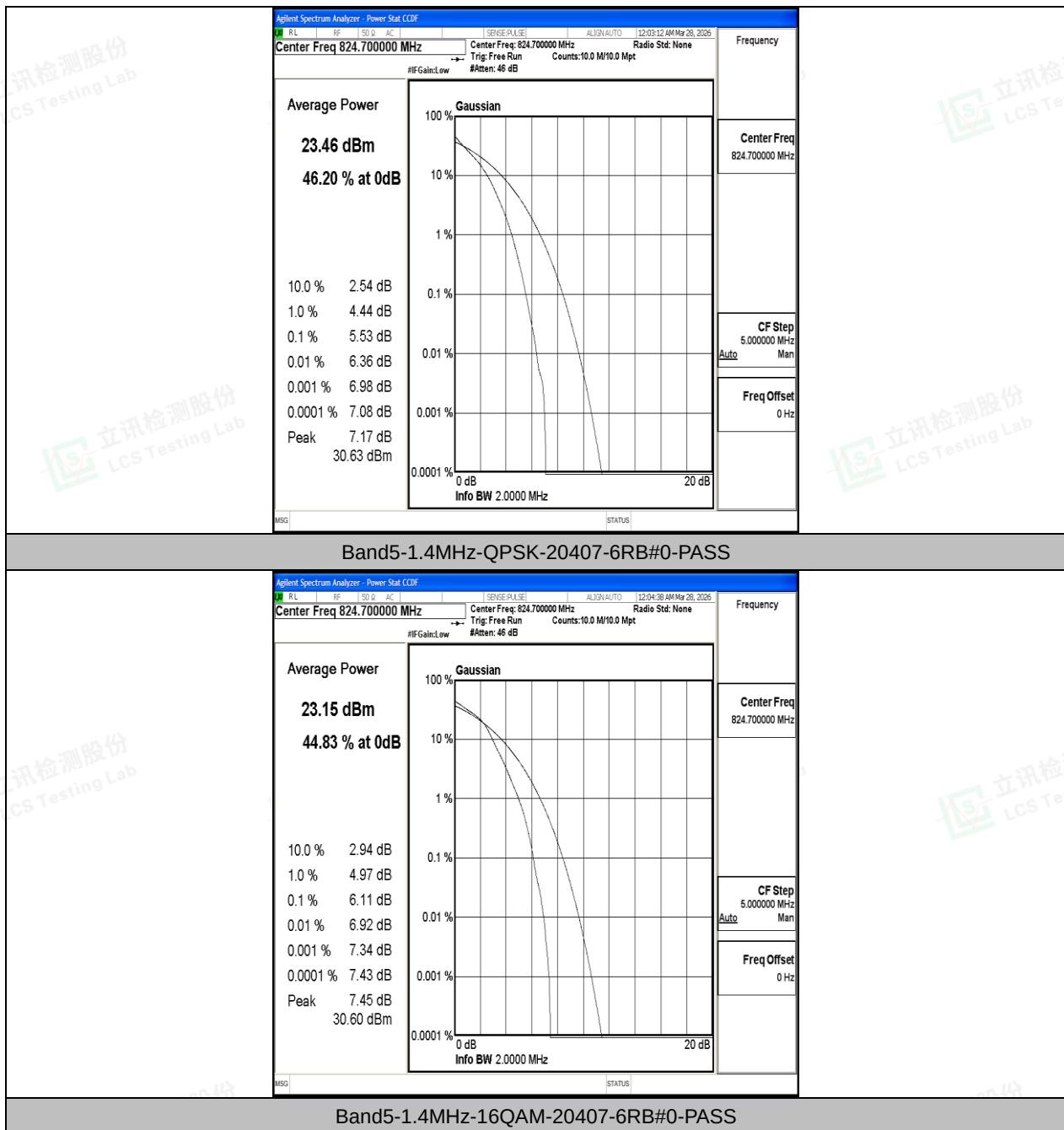


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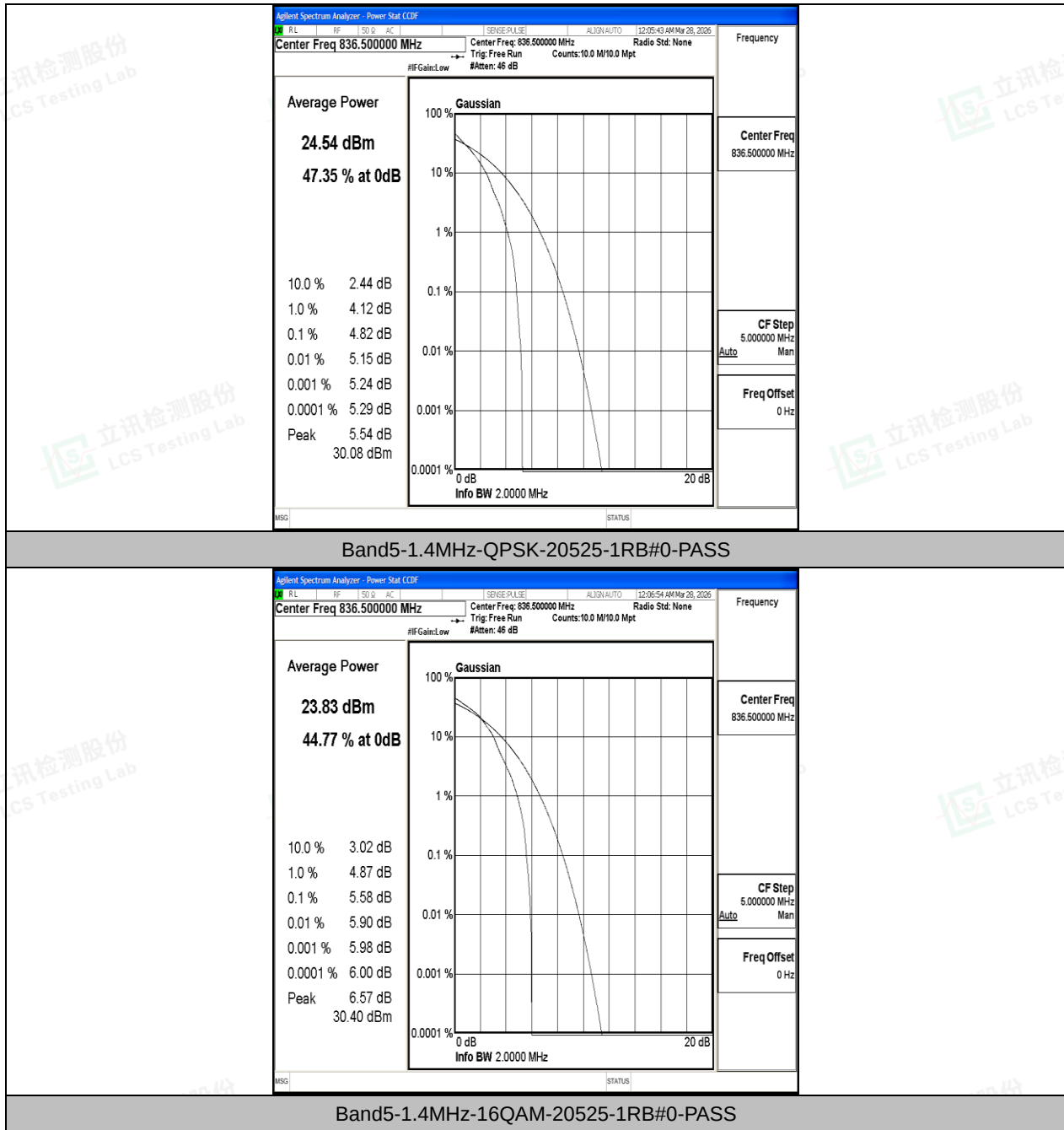


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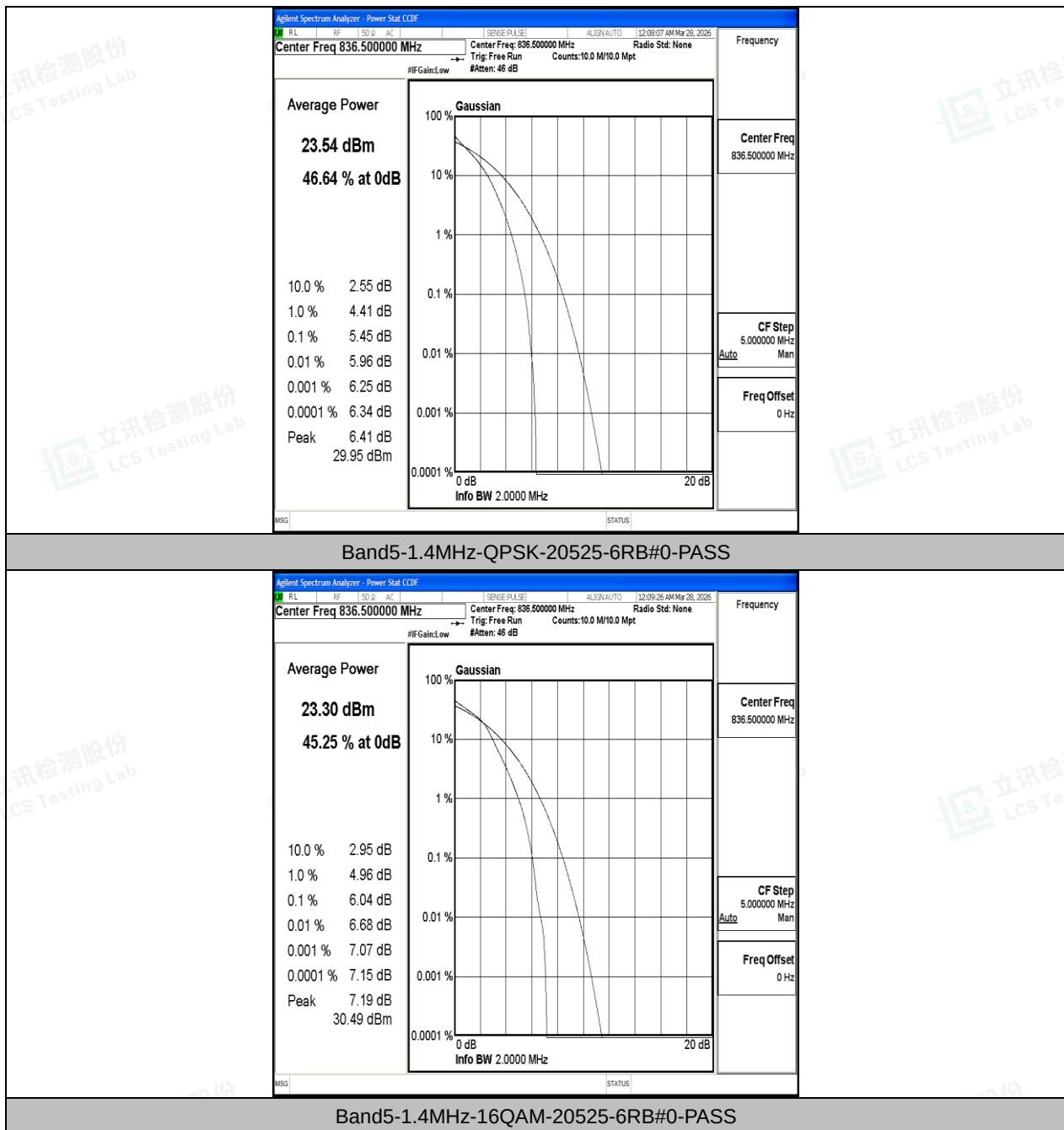


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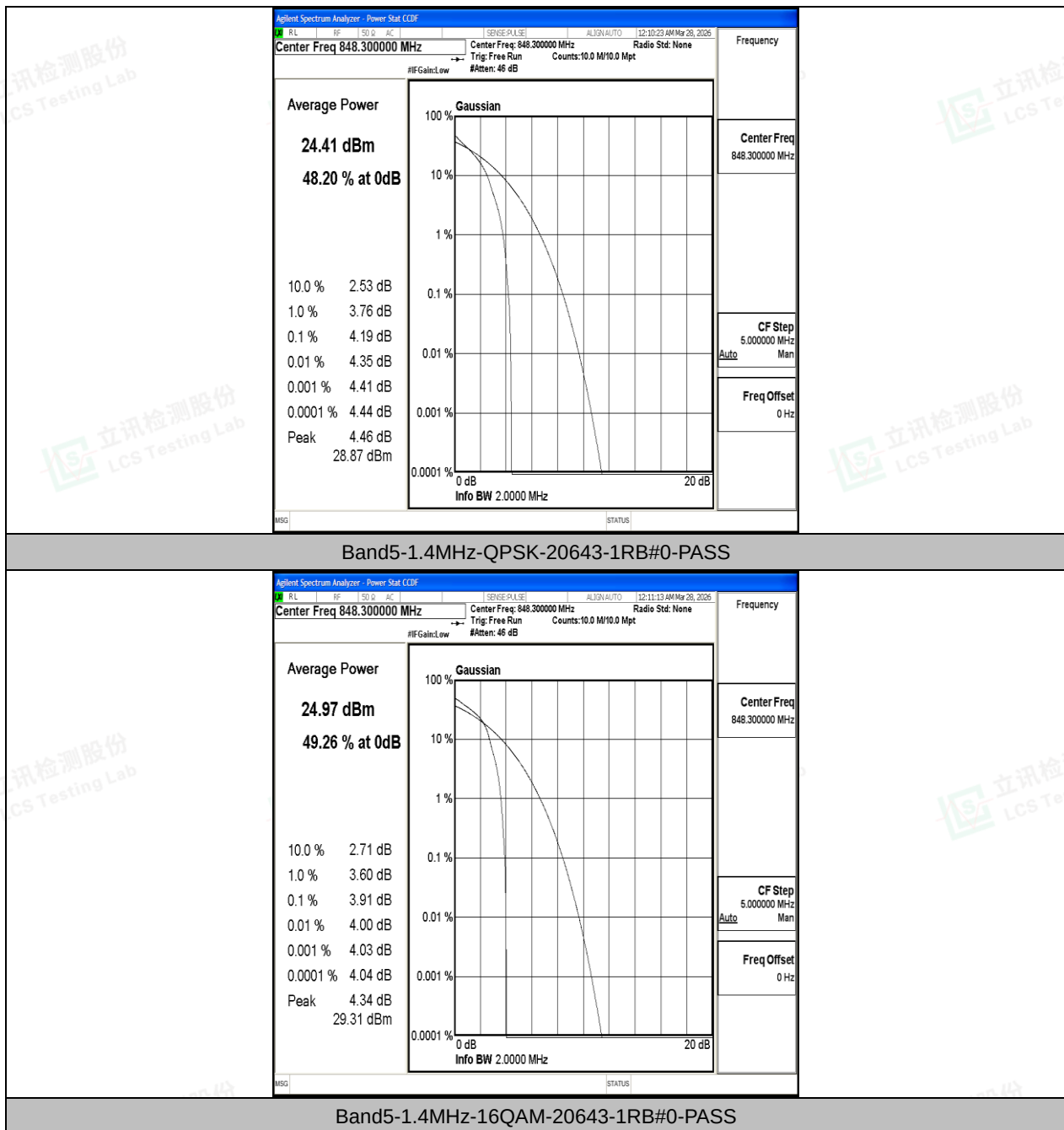


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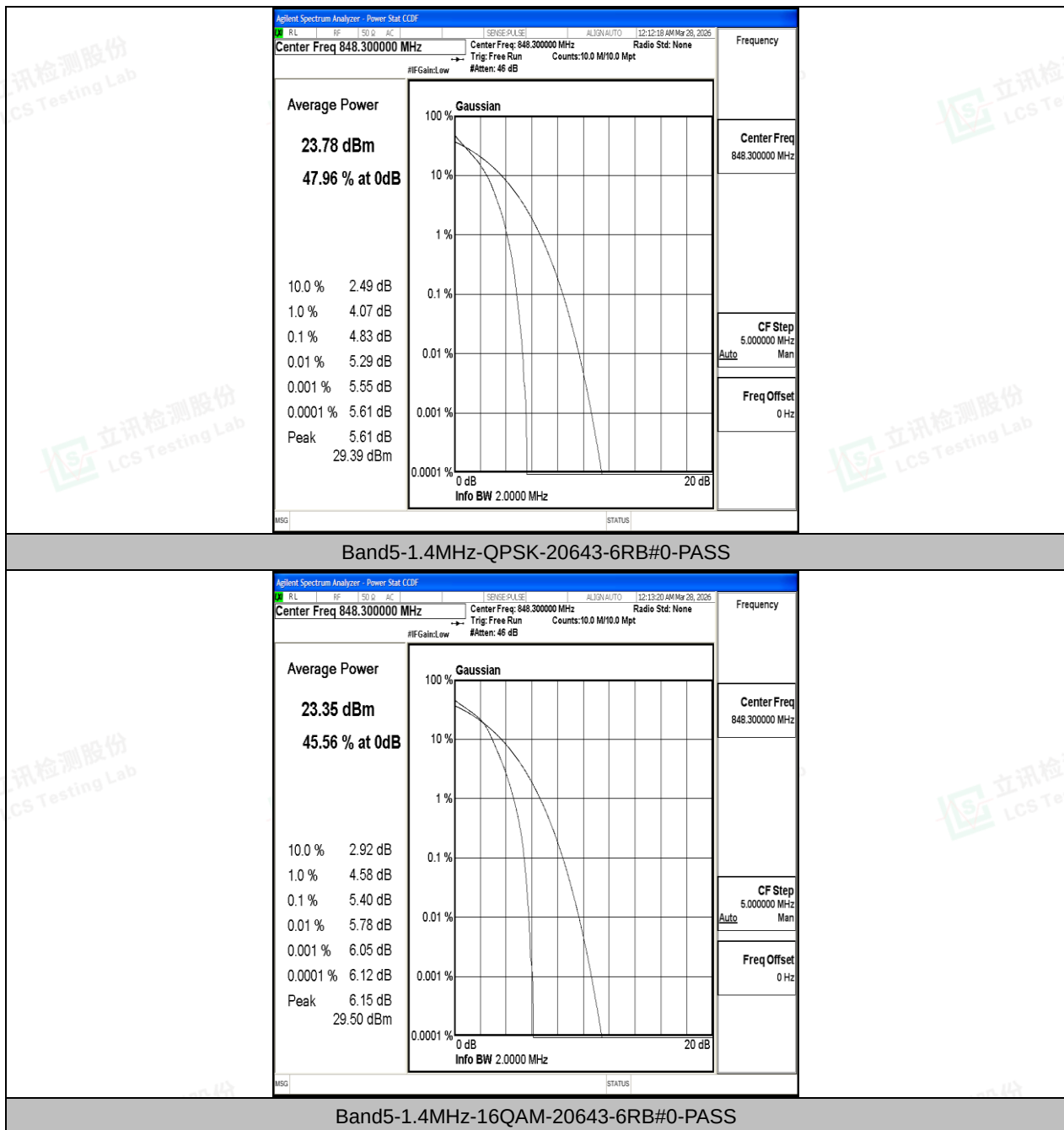


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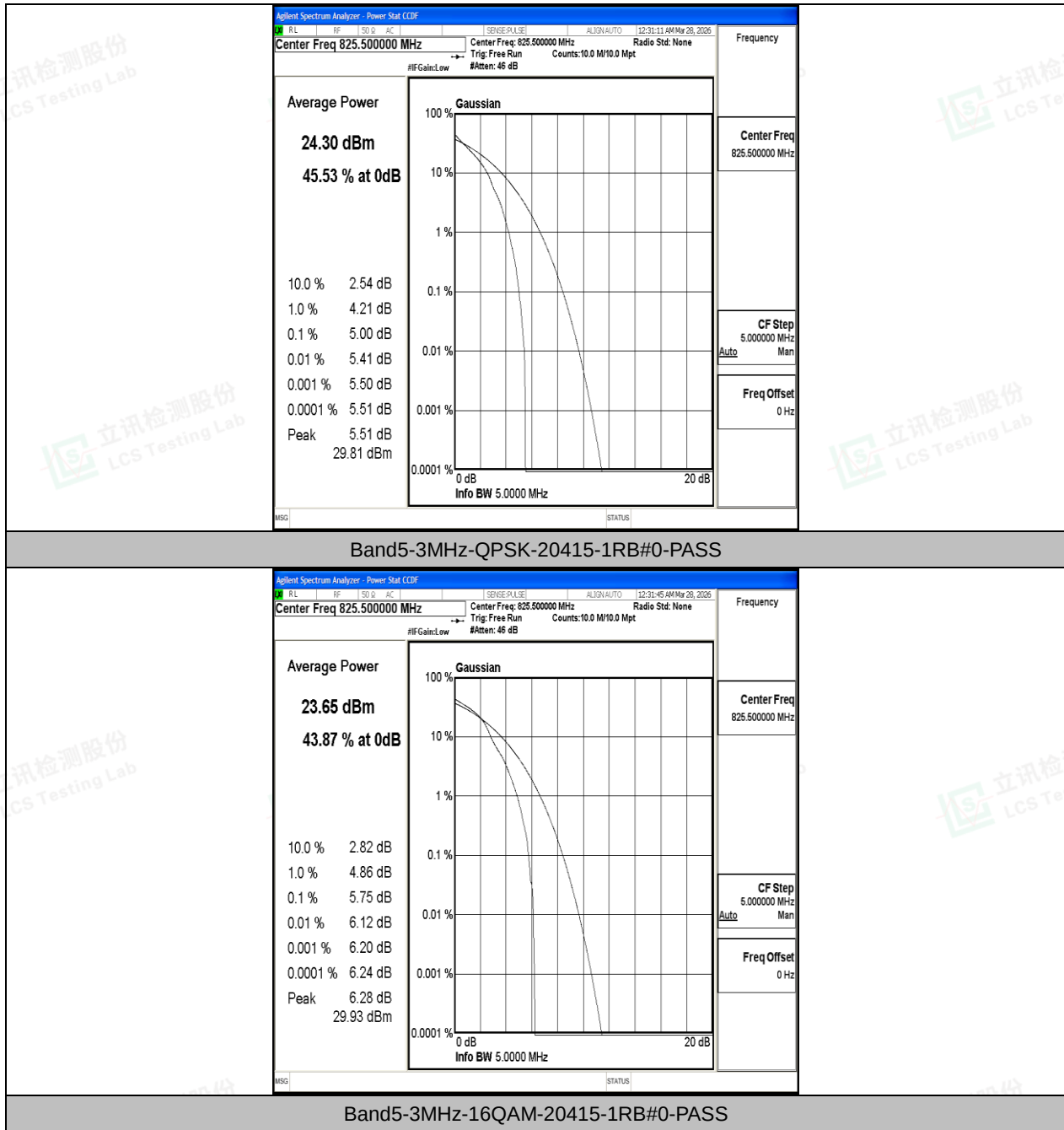


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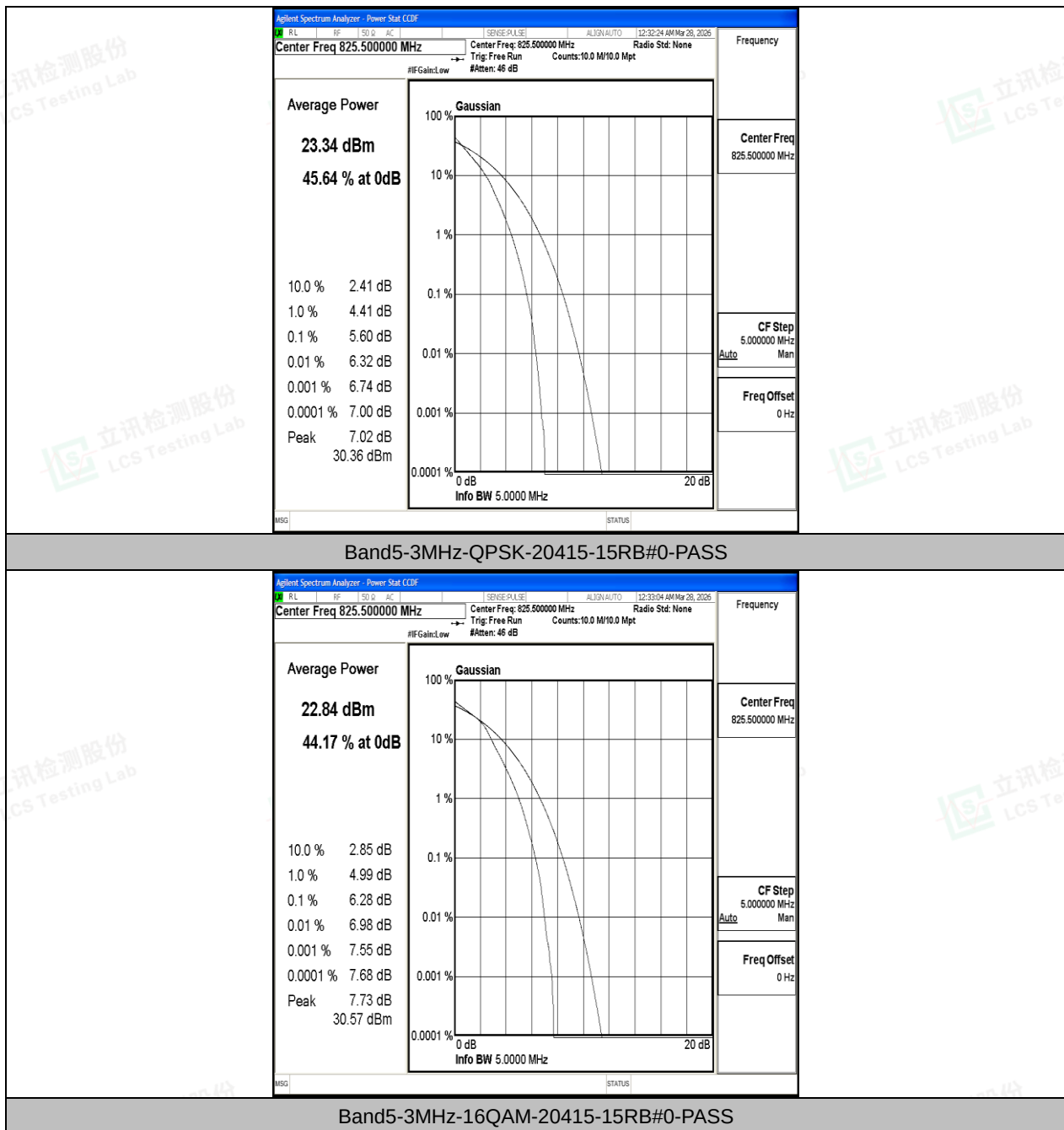


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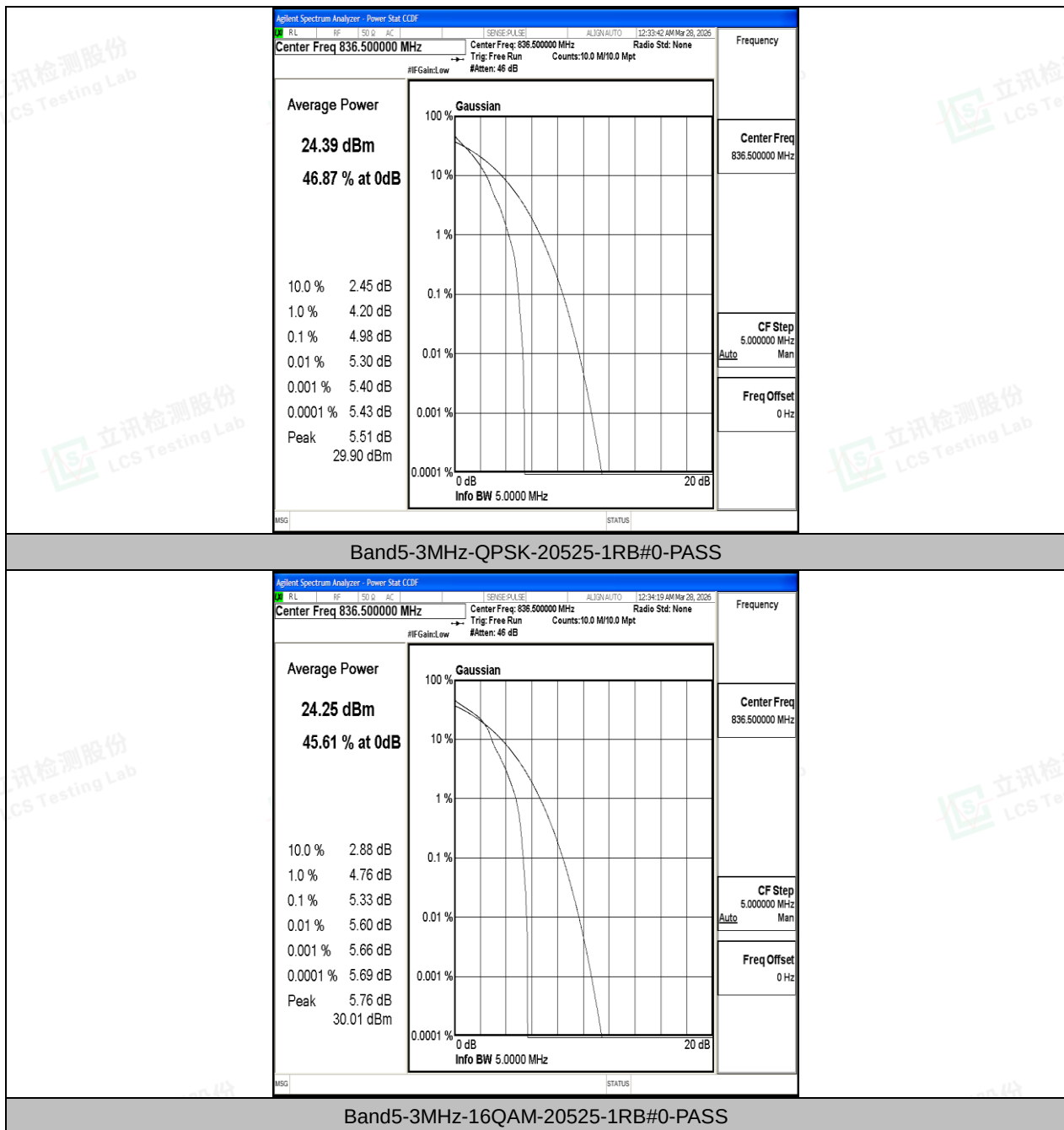


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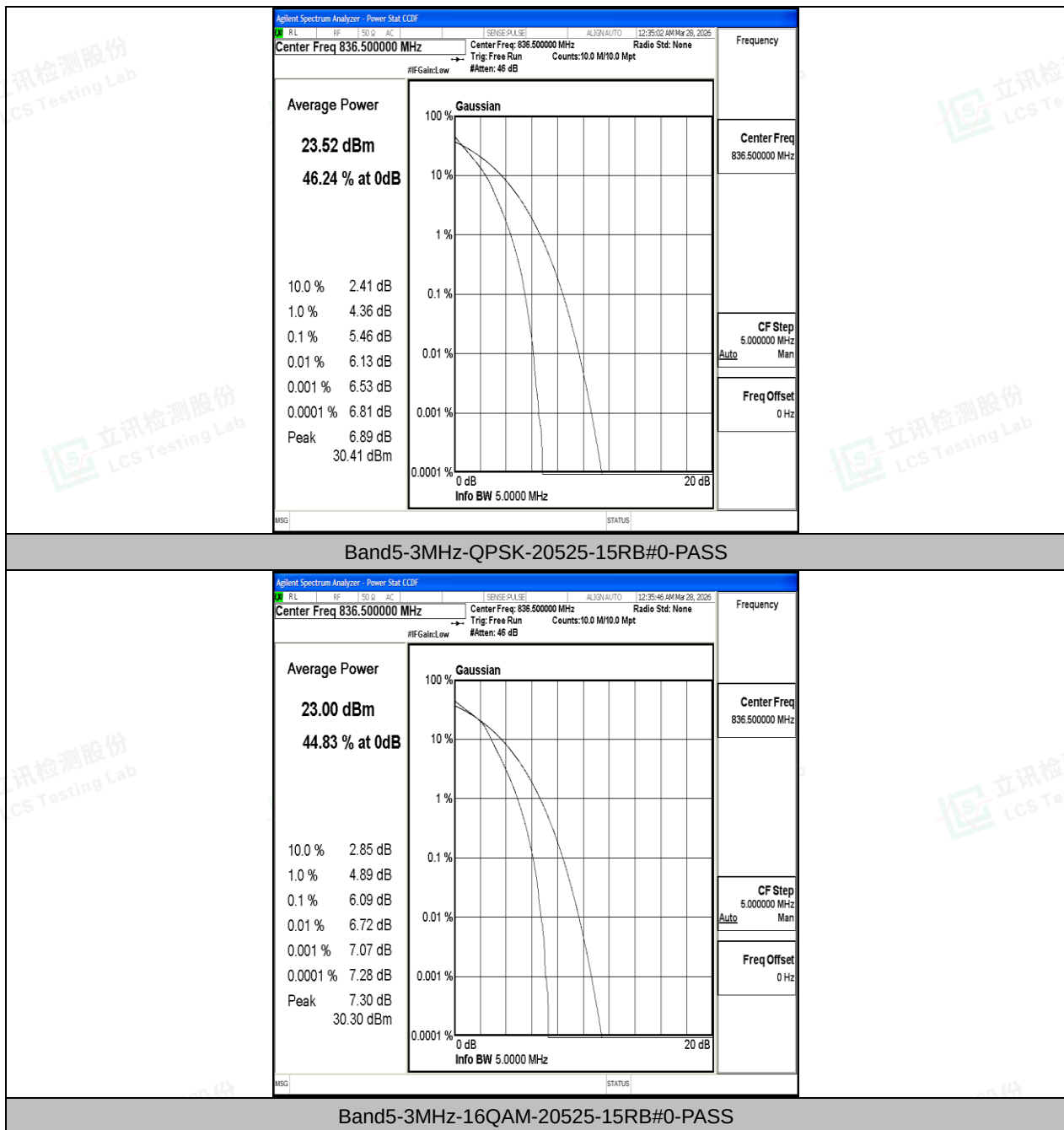


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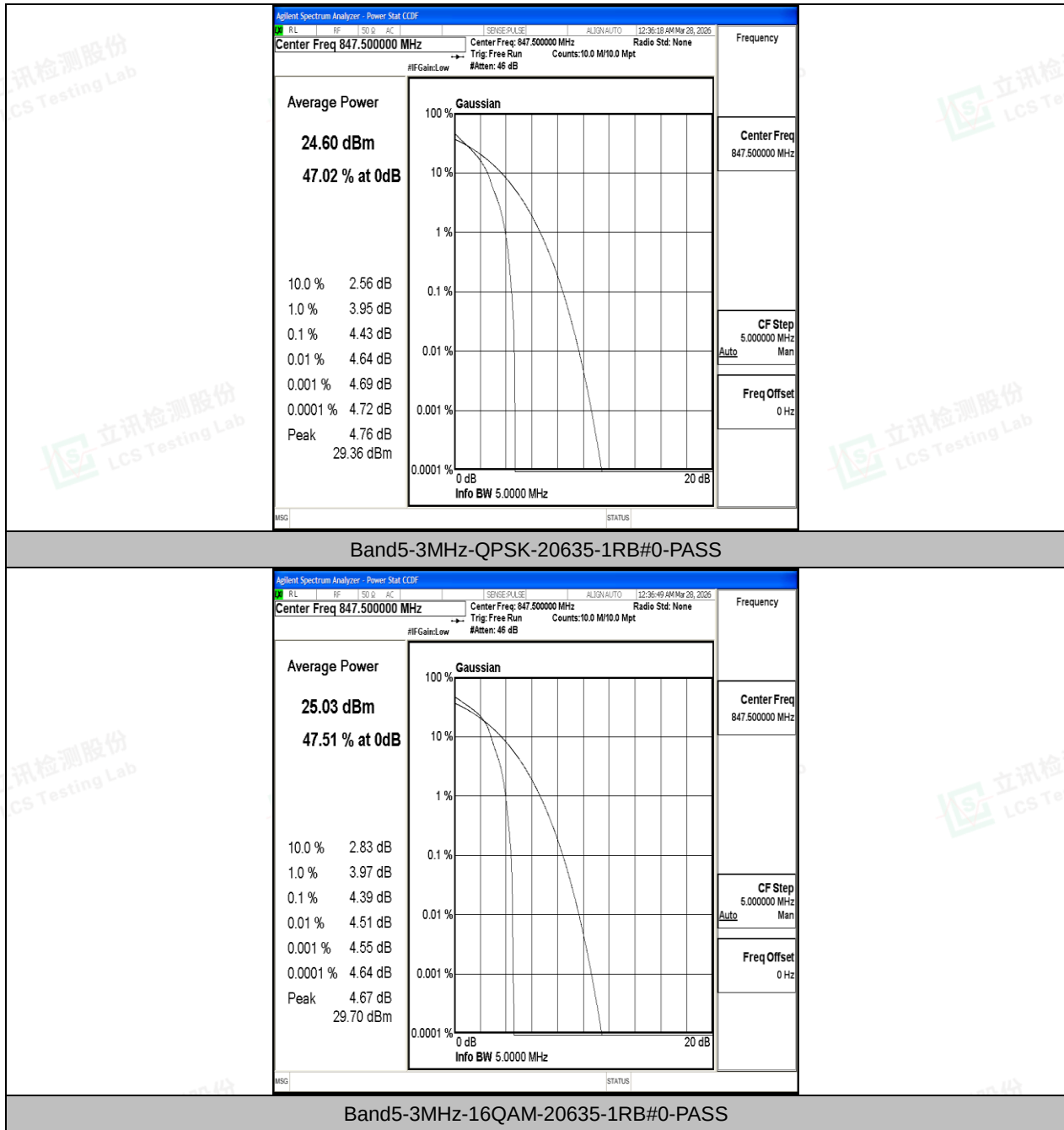


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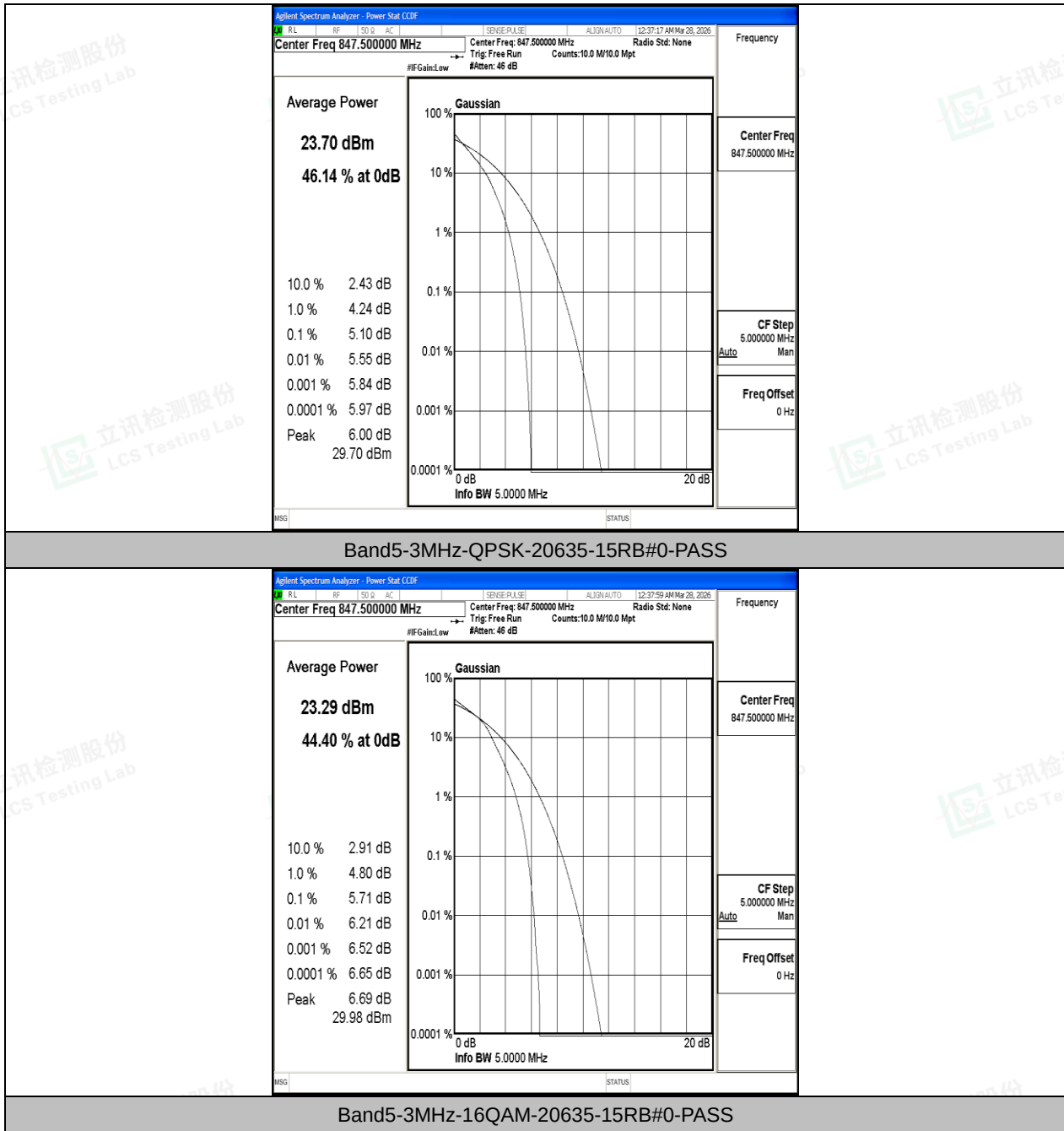


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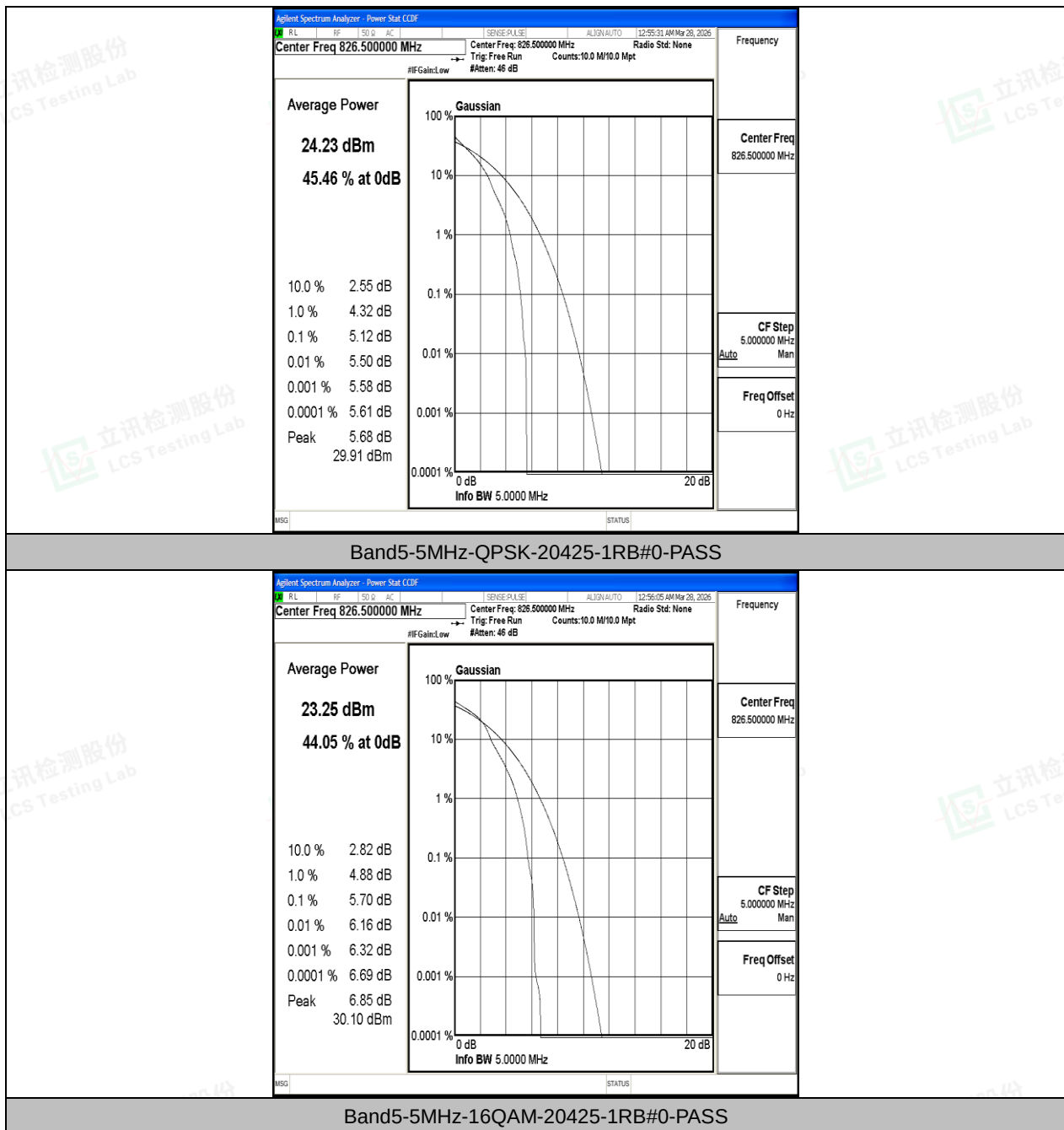


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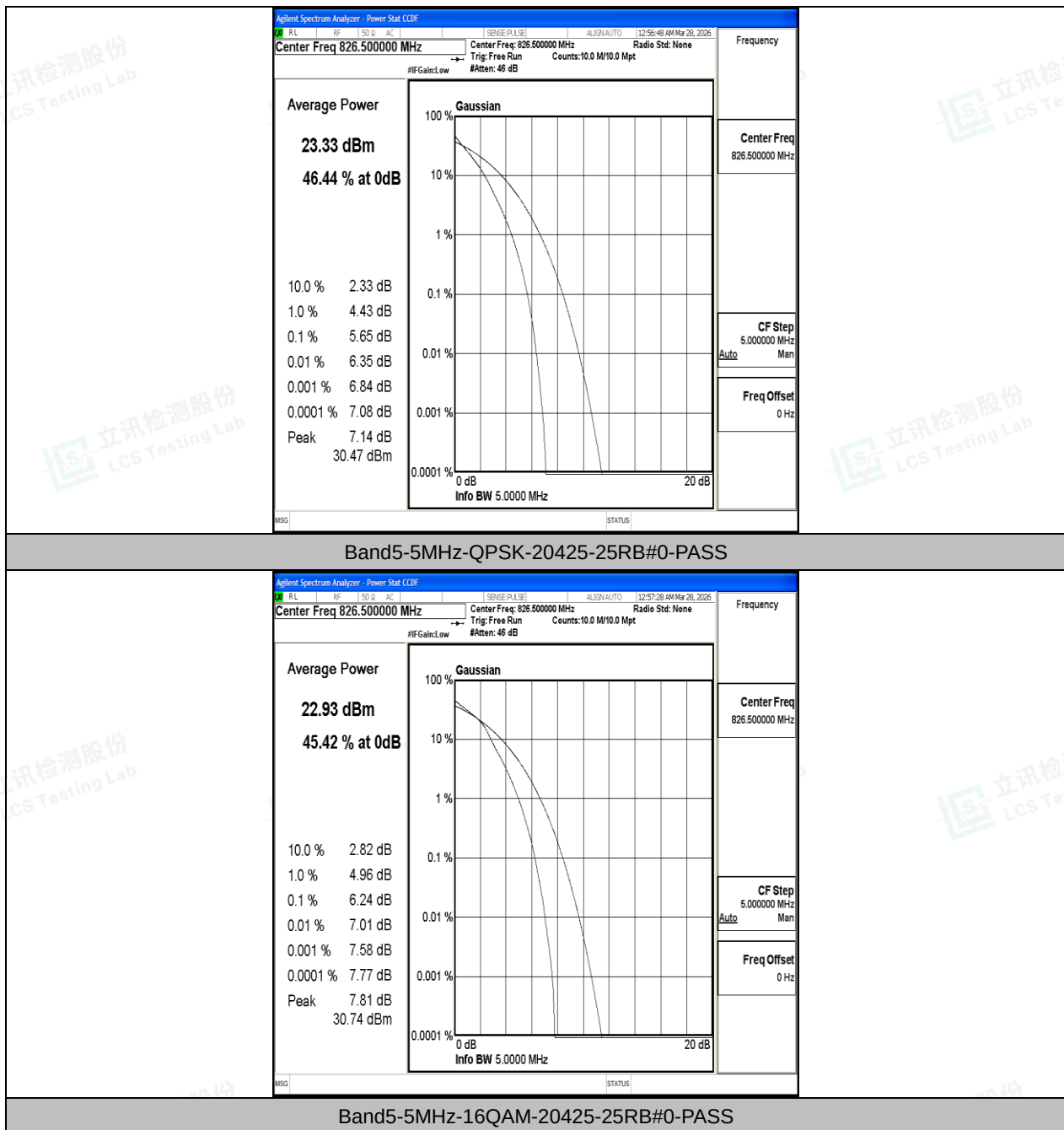


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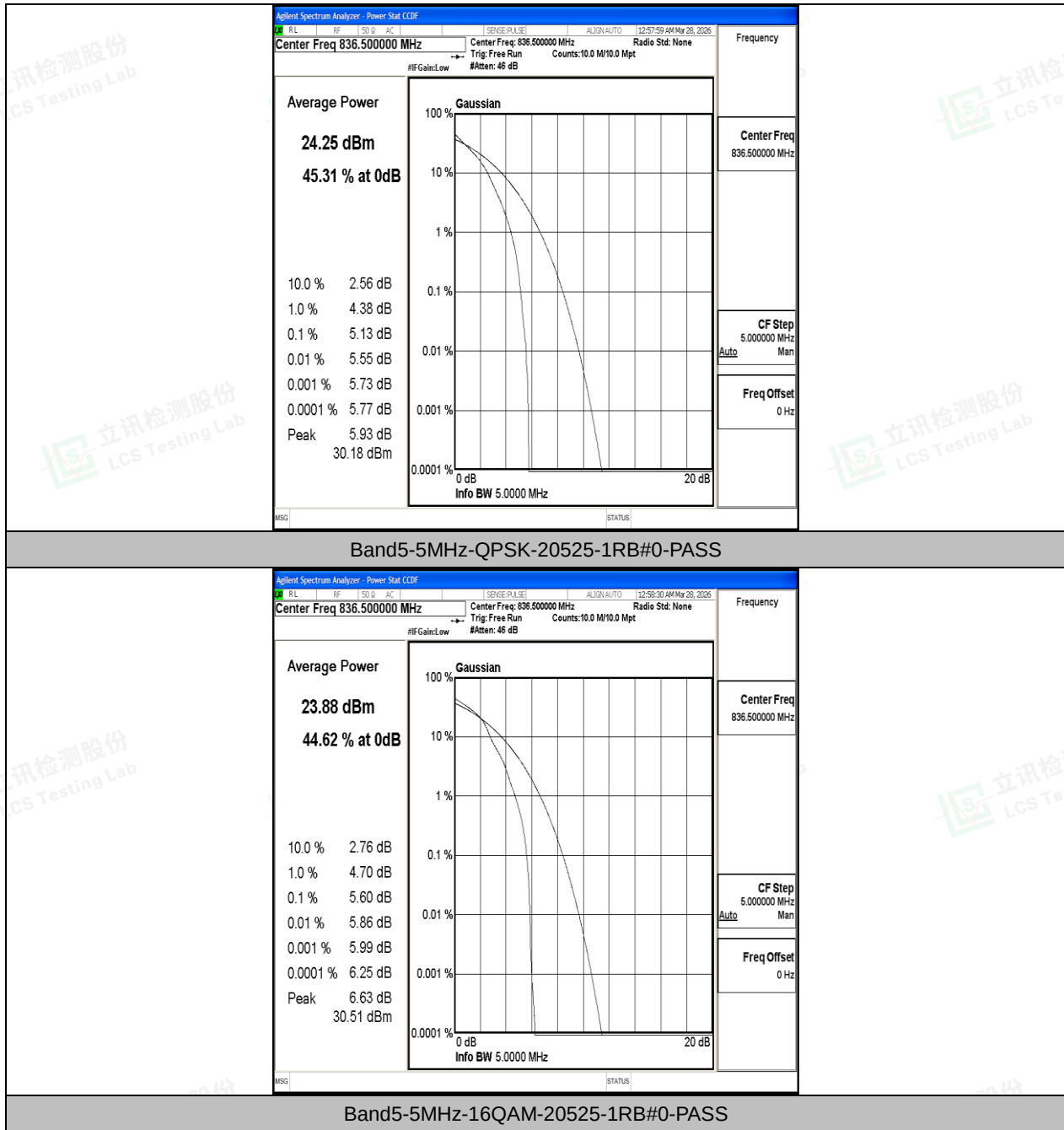


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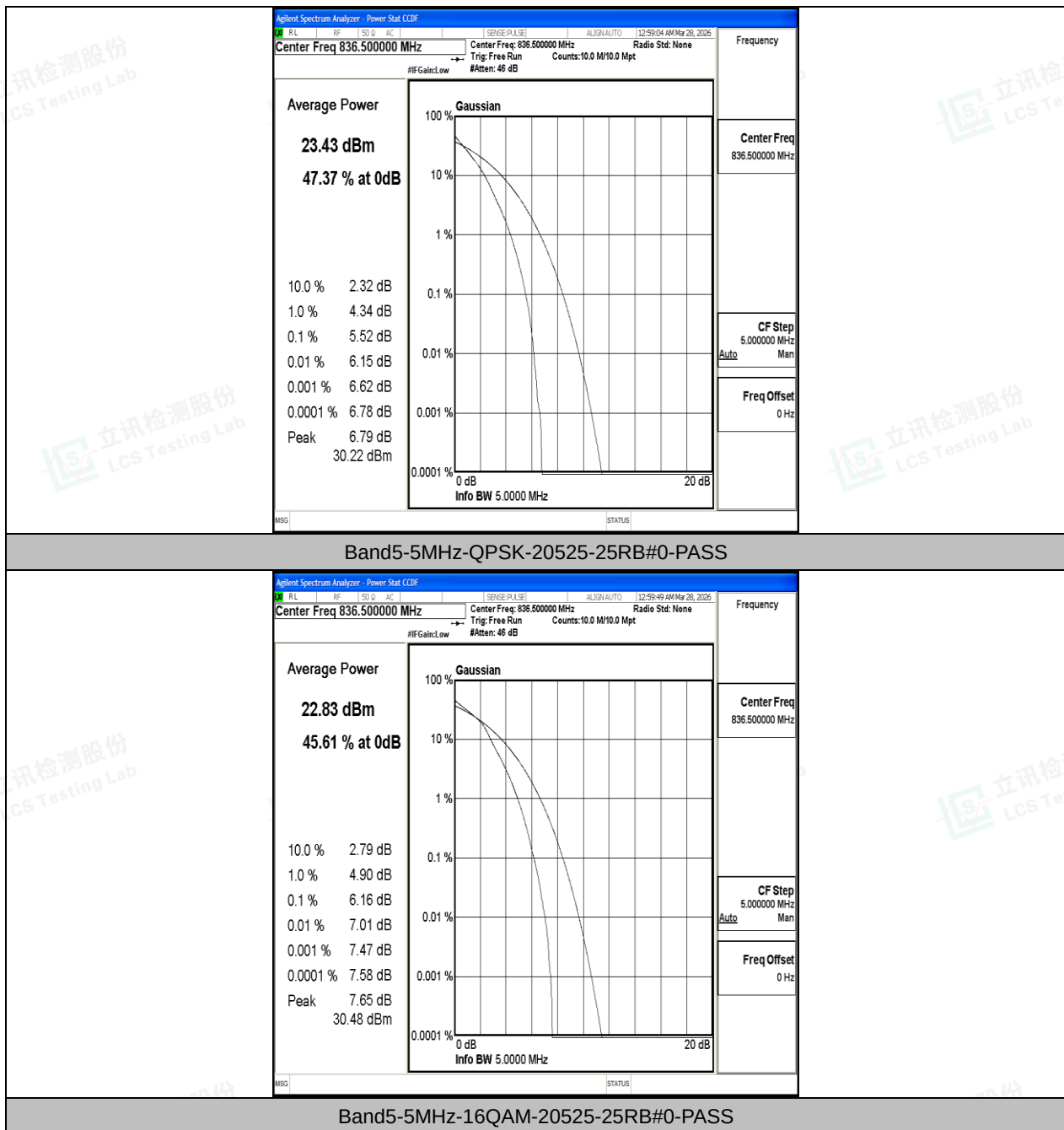


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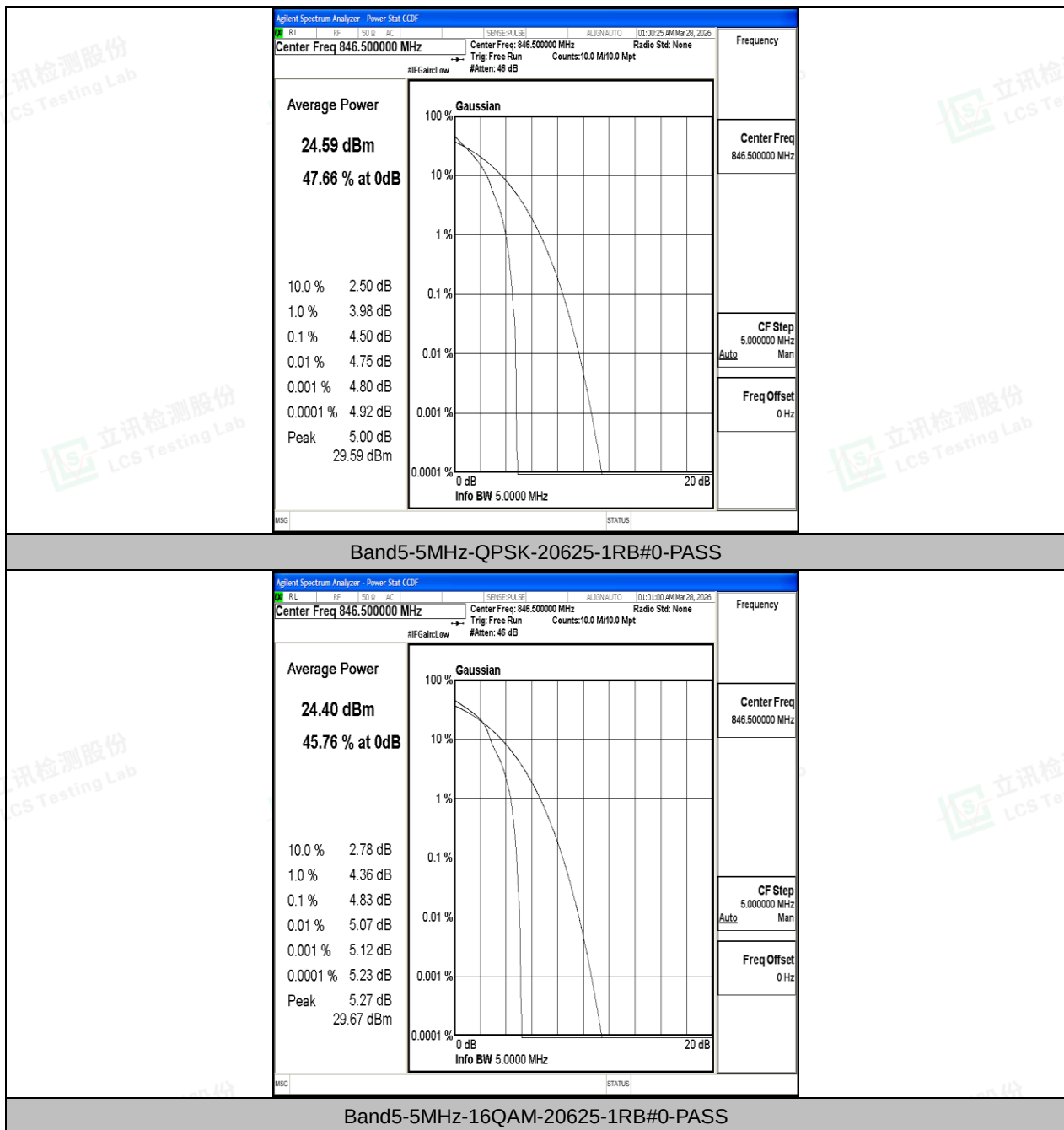


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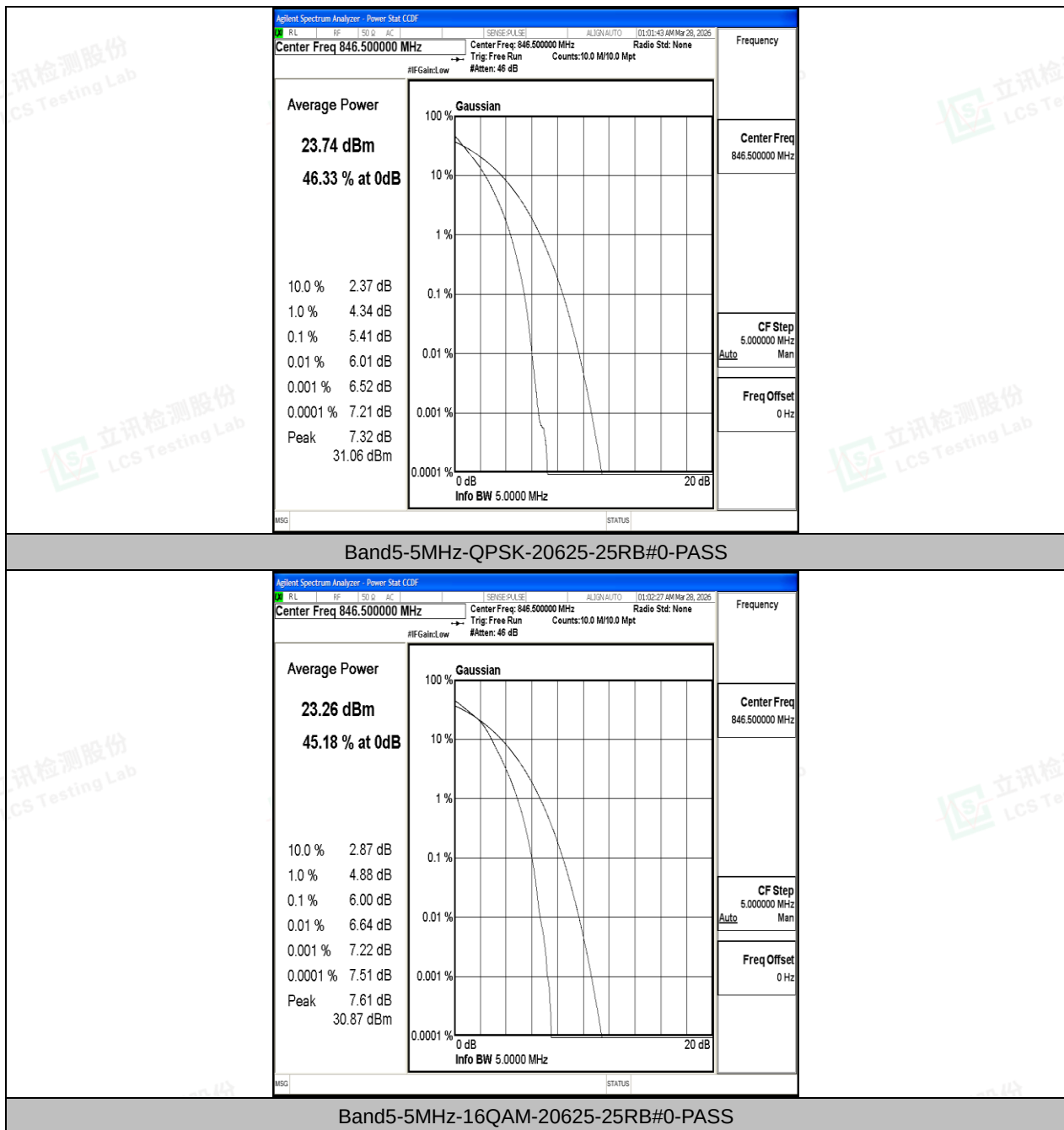


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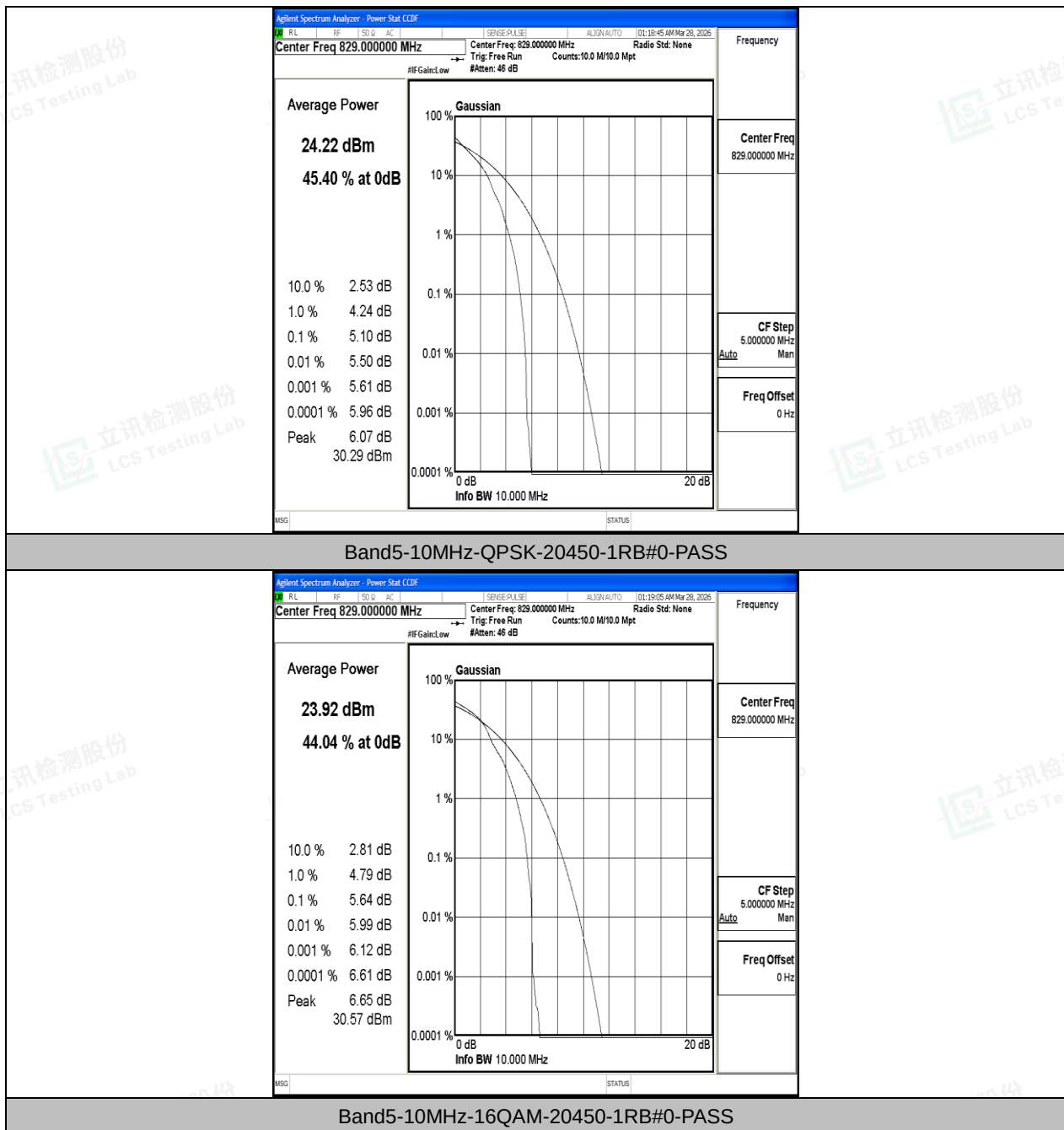


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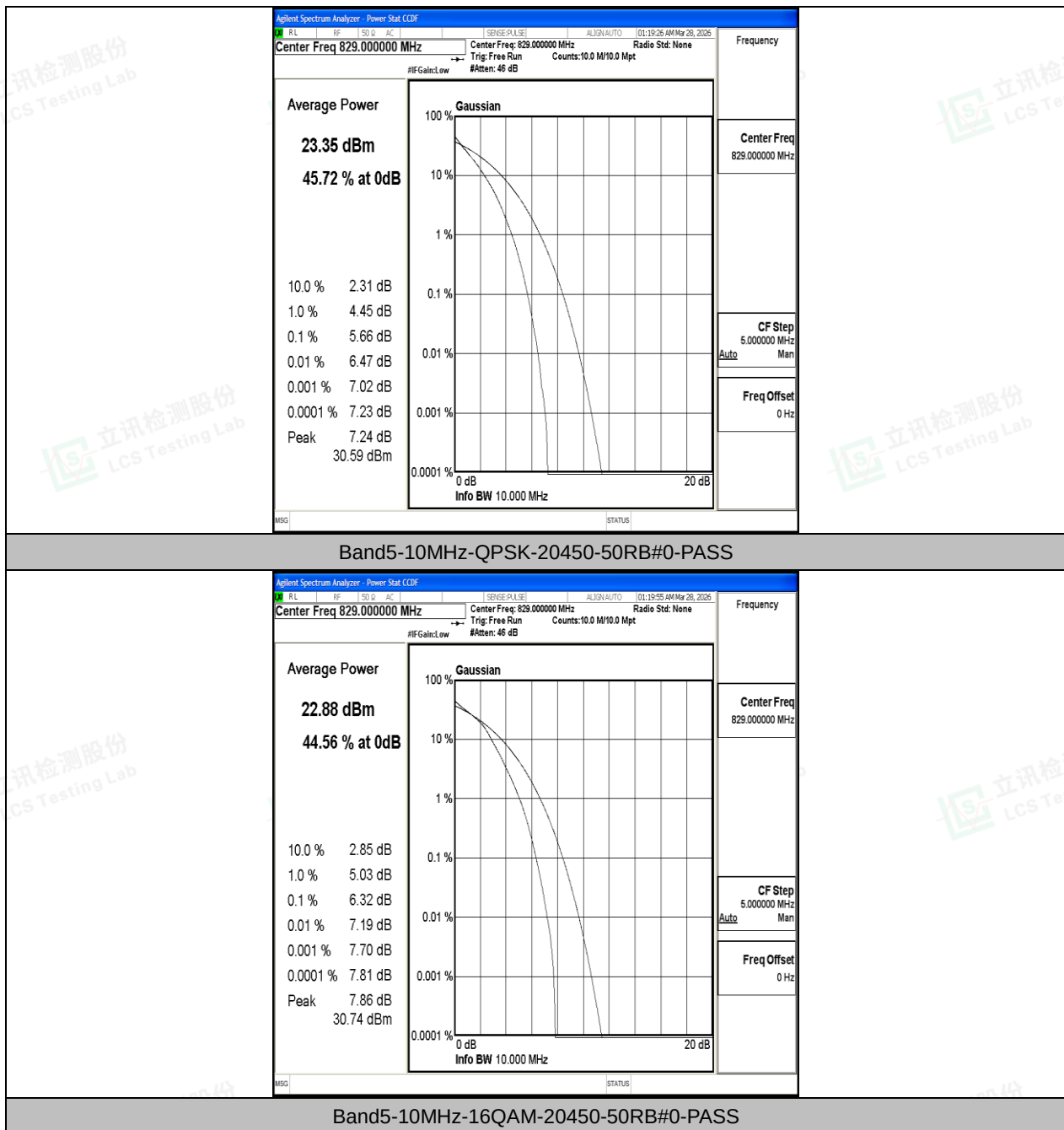


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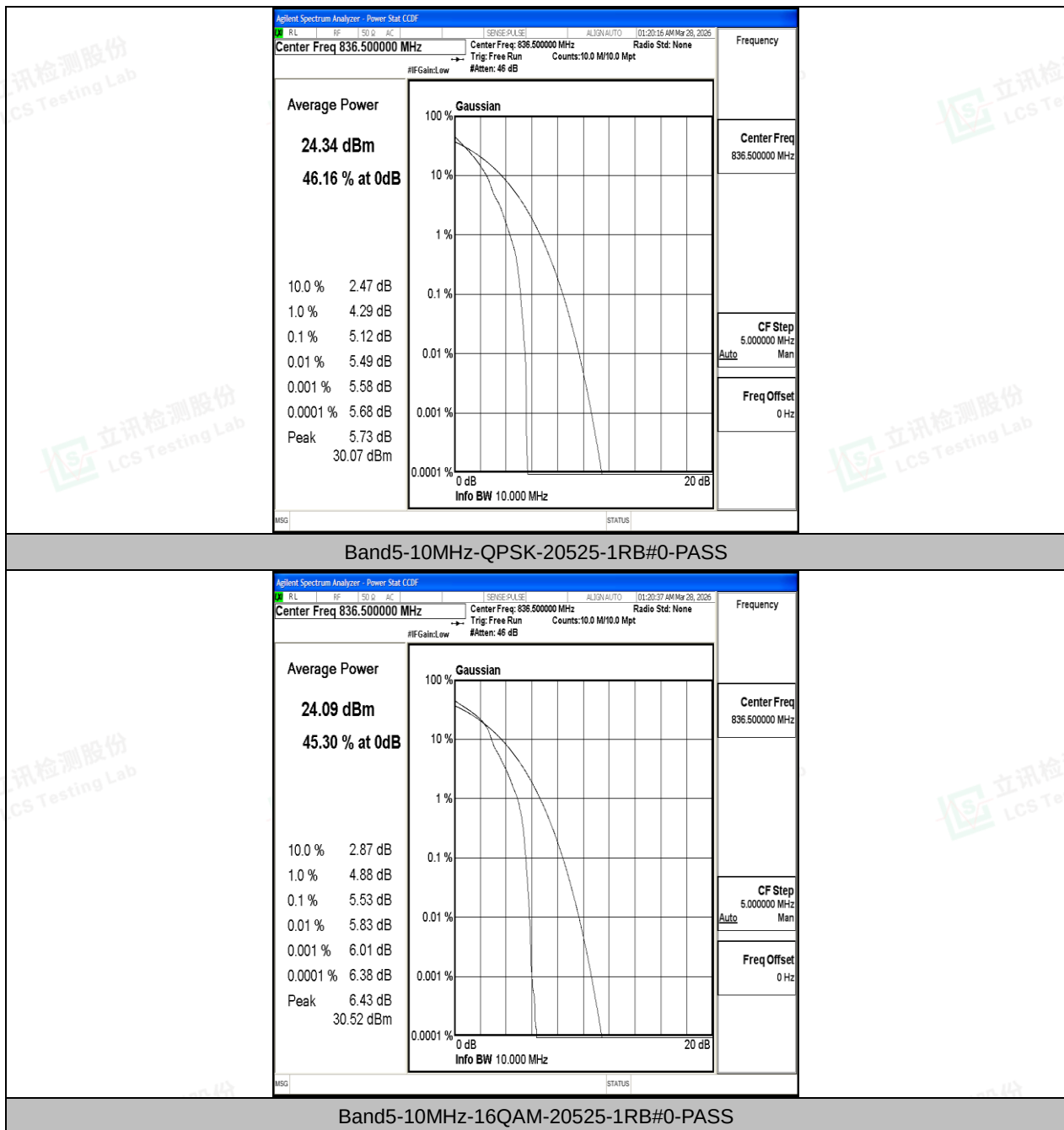


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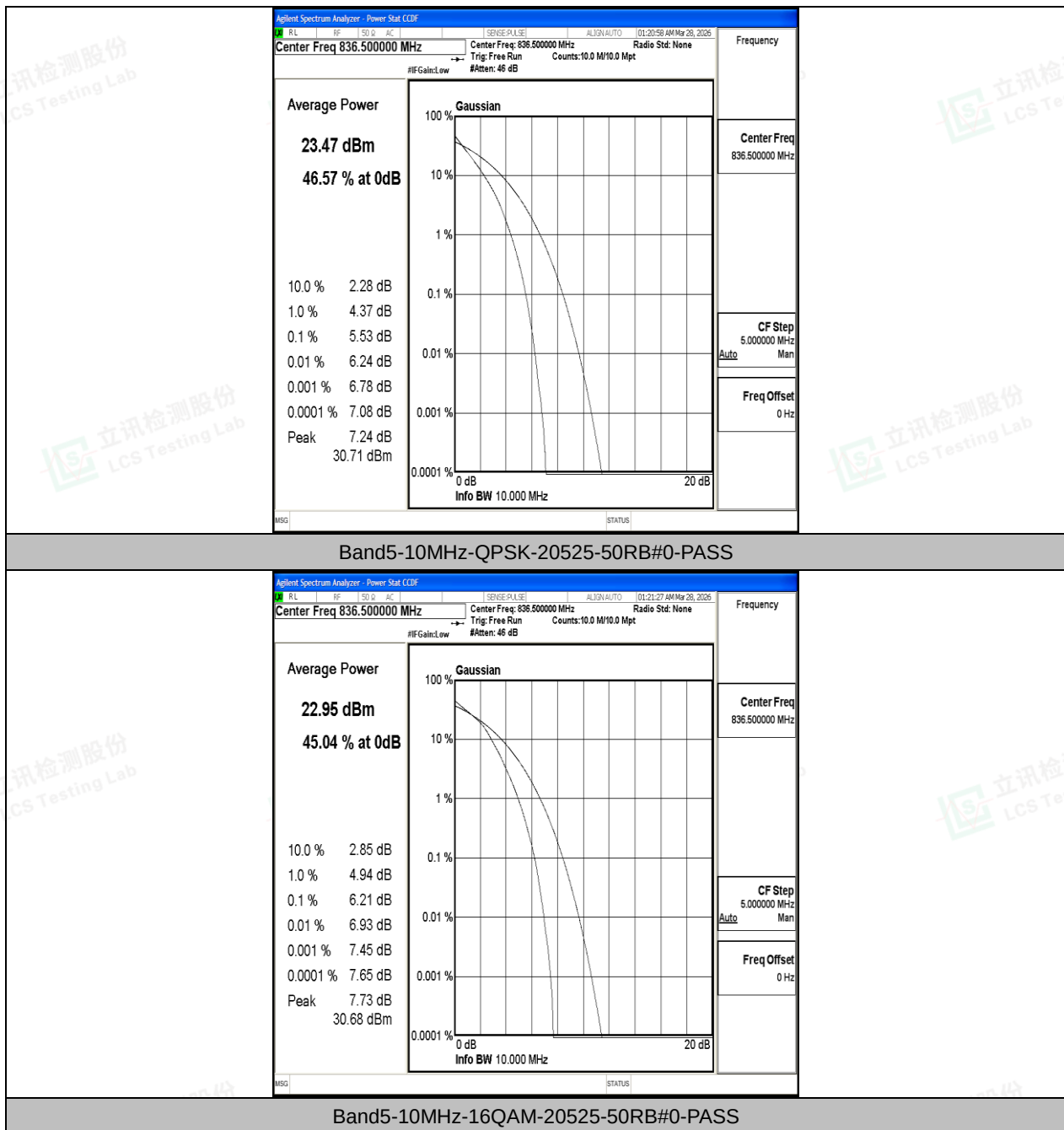


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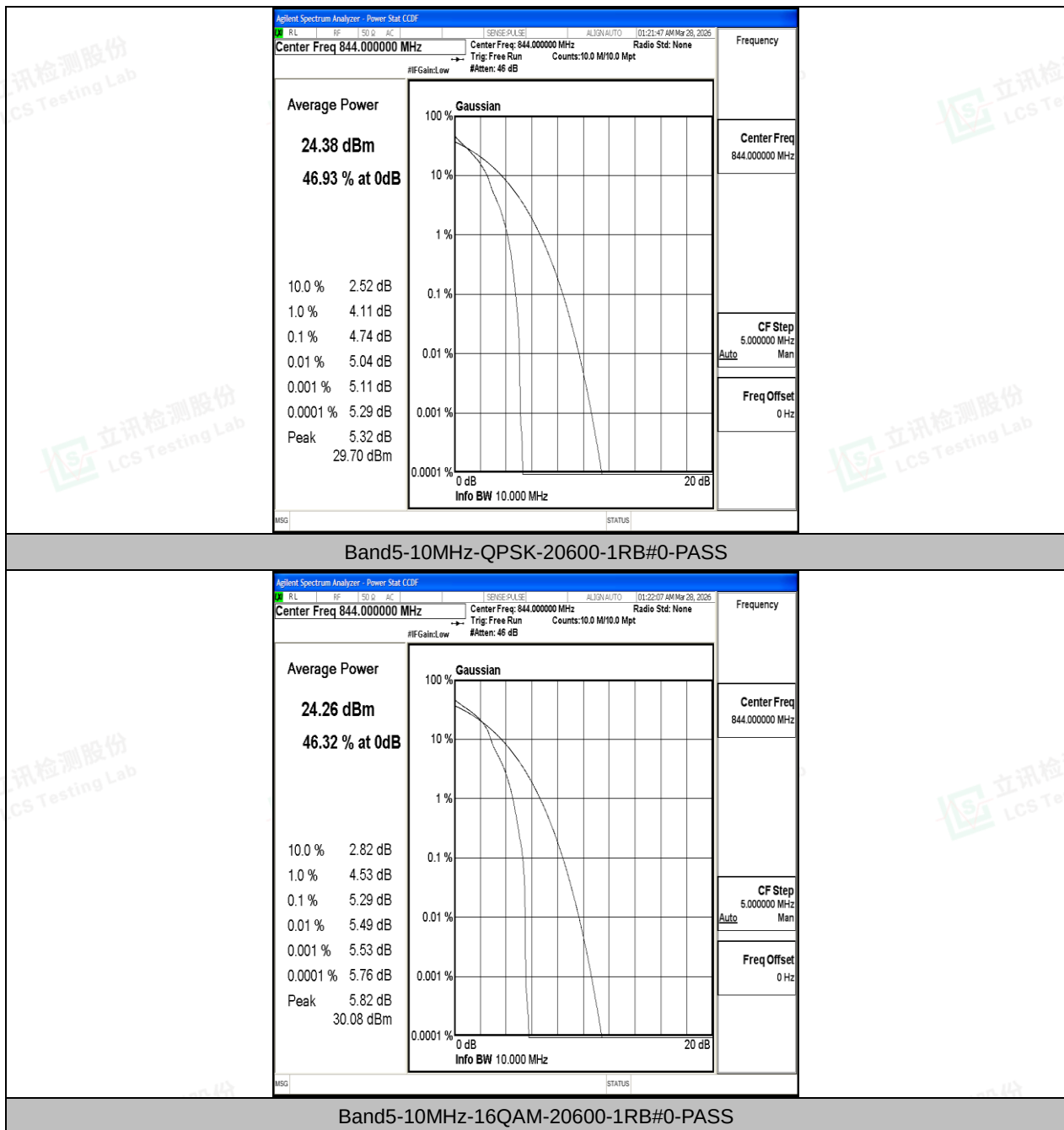


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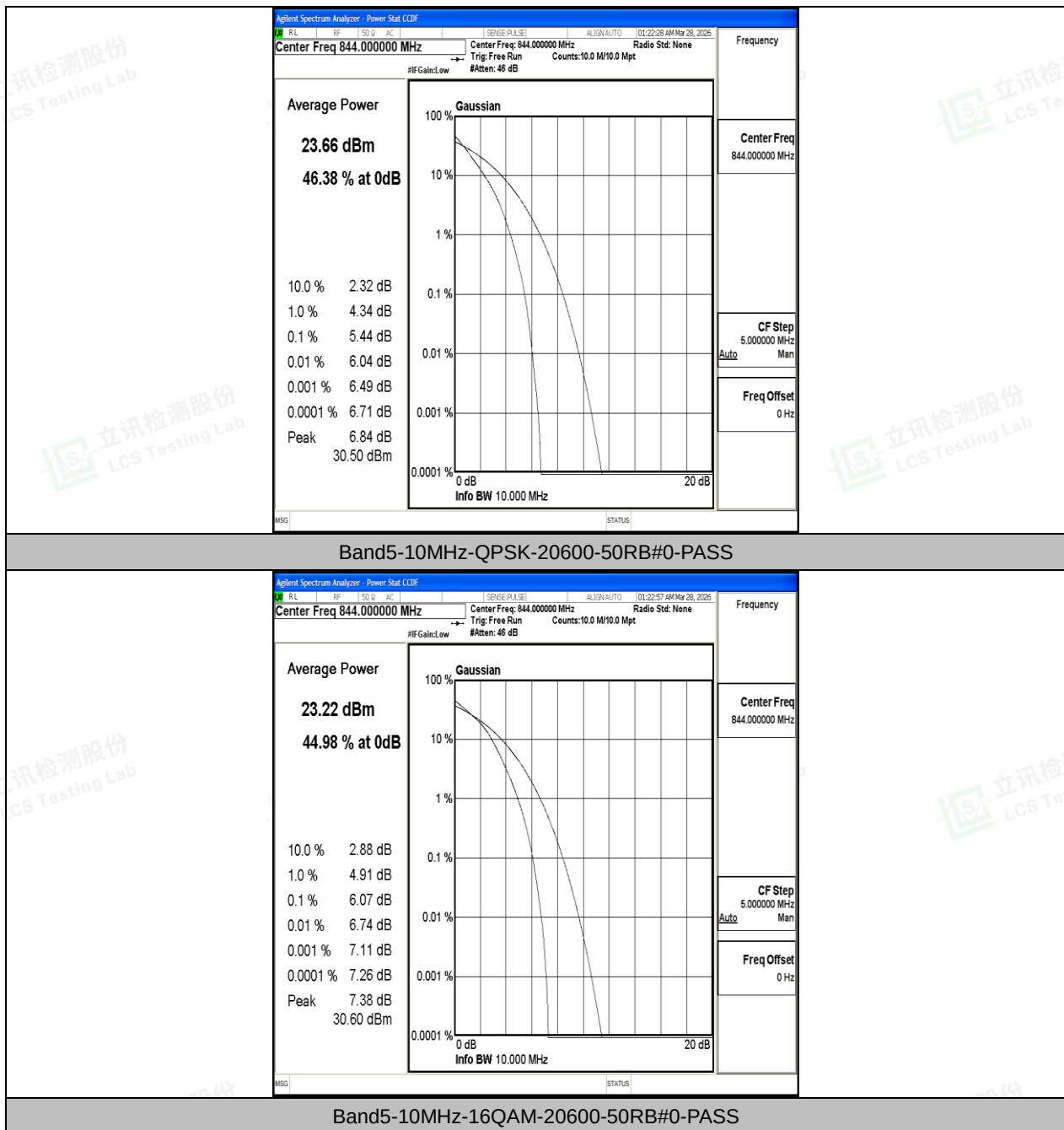


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H.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0949	1.281	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1009	1.322	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.1001	1.295	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1040	1.376	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0975	1.284	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0961	1.366	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7666	3.386	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7514	3.250	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7609	3.507	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7586	3.566	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7584	3.295	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7627	3.451	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5244	5.320	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5105	5.235	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5100	5.319	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5205	5.376	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5143	5.199	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5453	5.332	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9919	10.15	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9980	10.03	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9763	10.20	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9874	10.12	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9751	9.867	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9713	10.10	PASS



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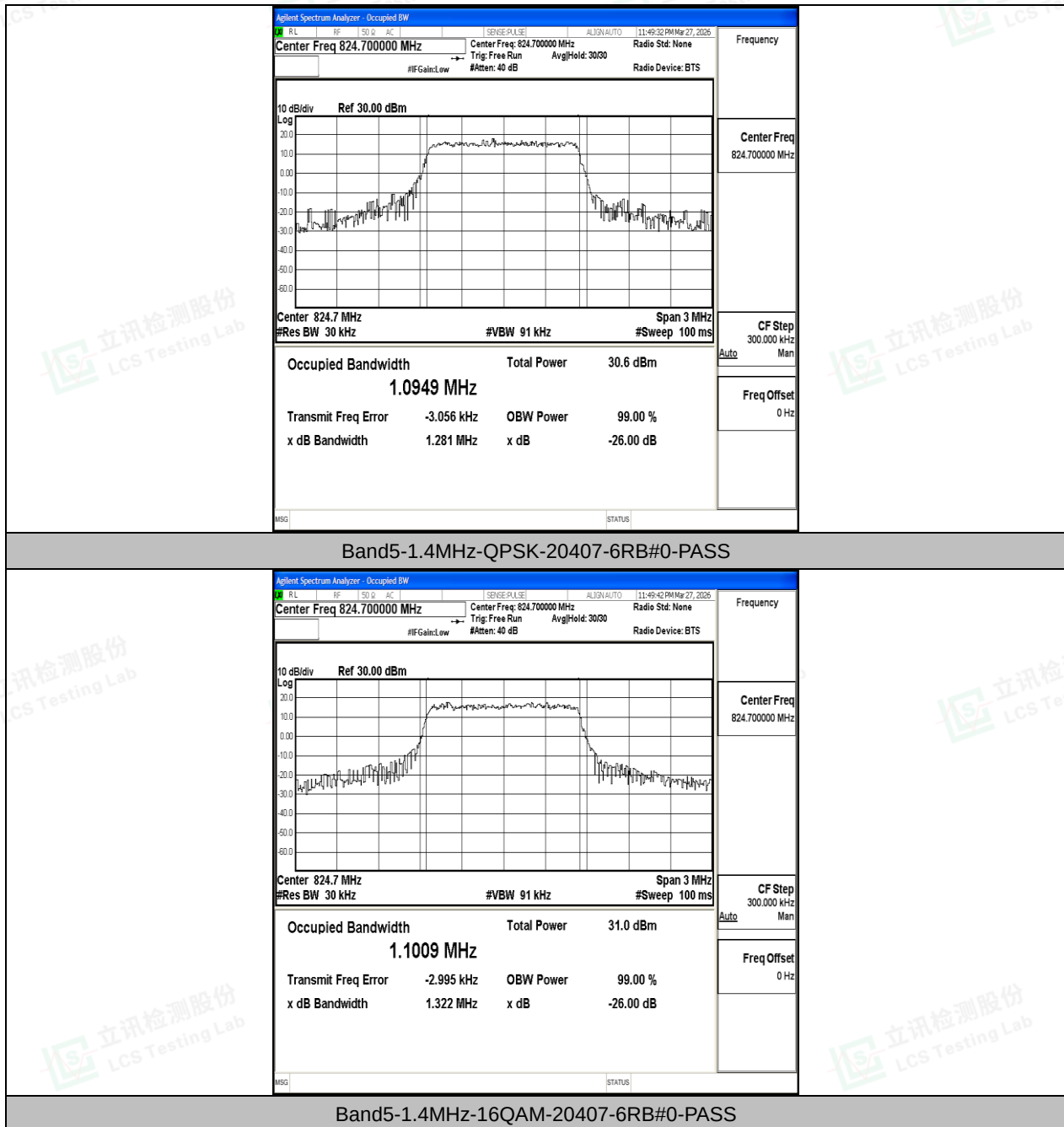
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Test Graphs

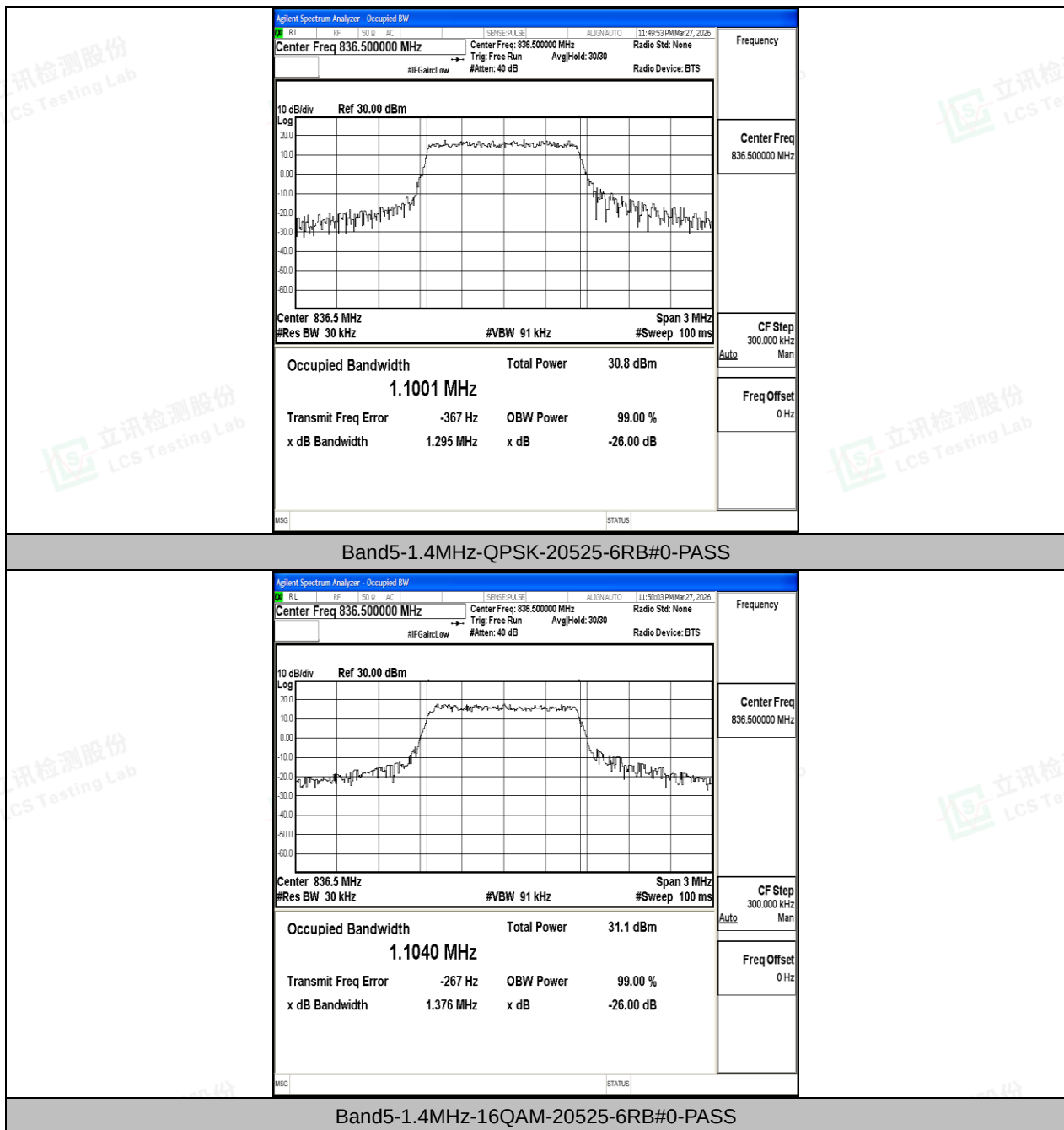


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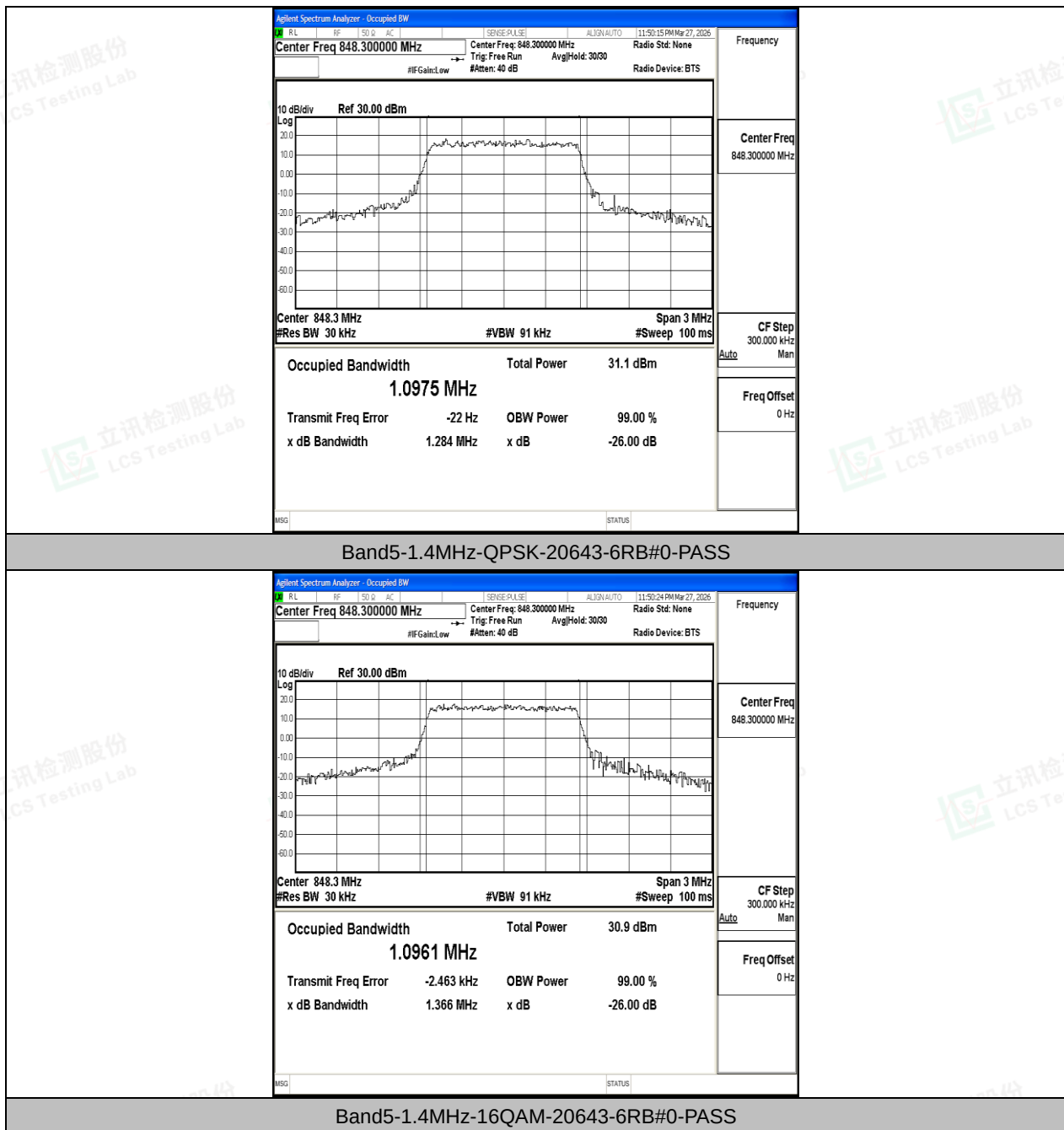


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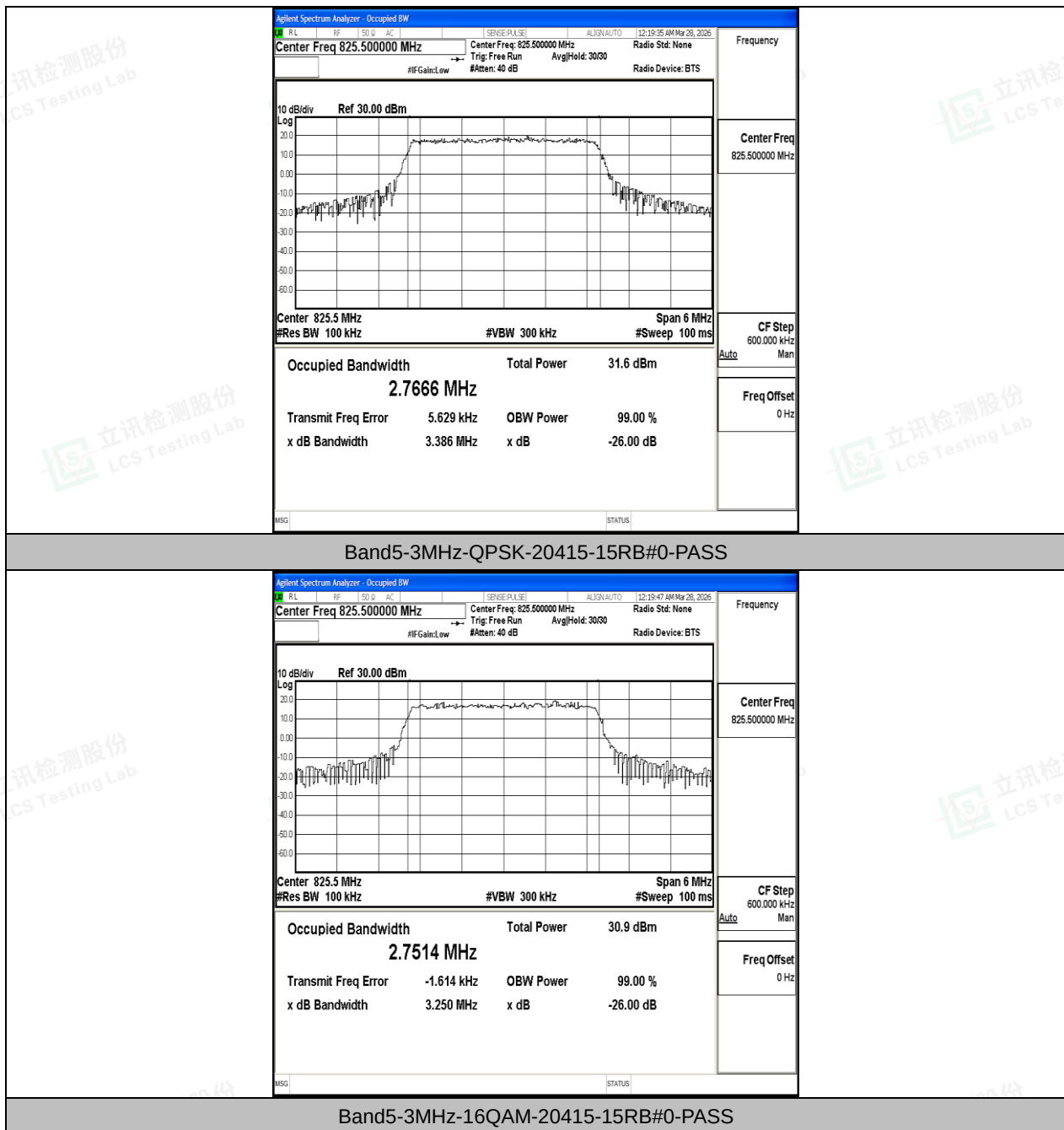


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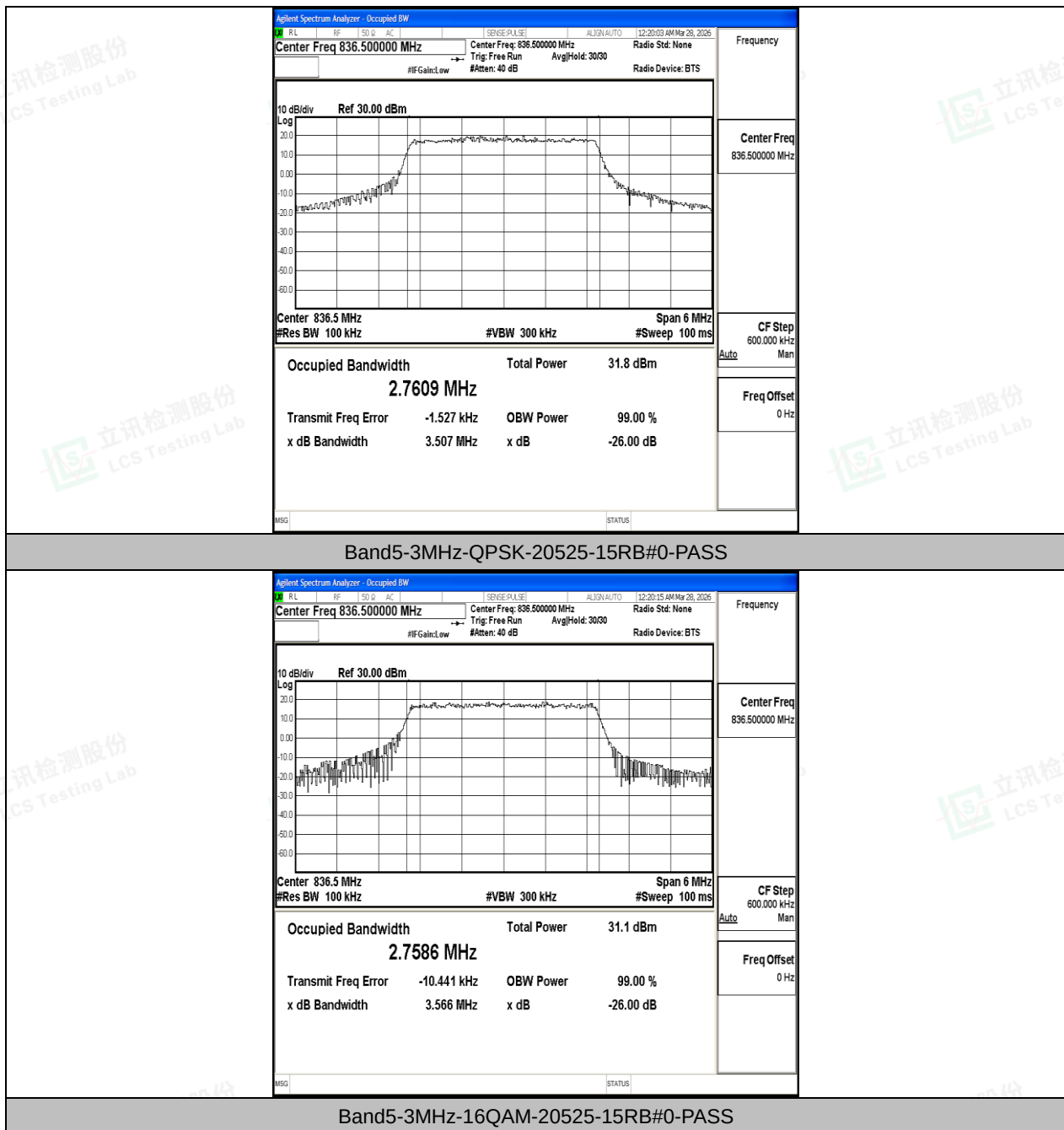


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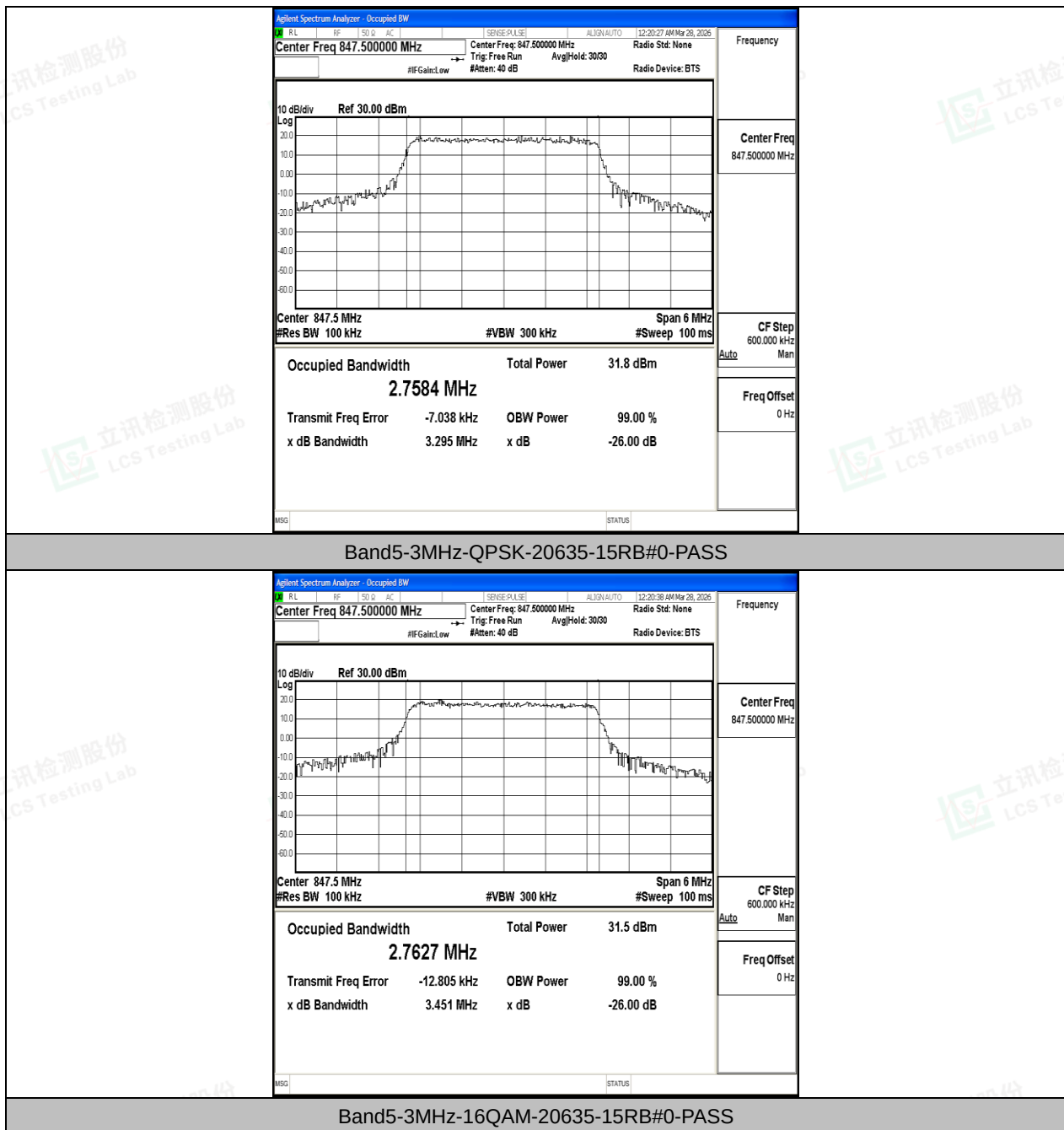


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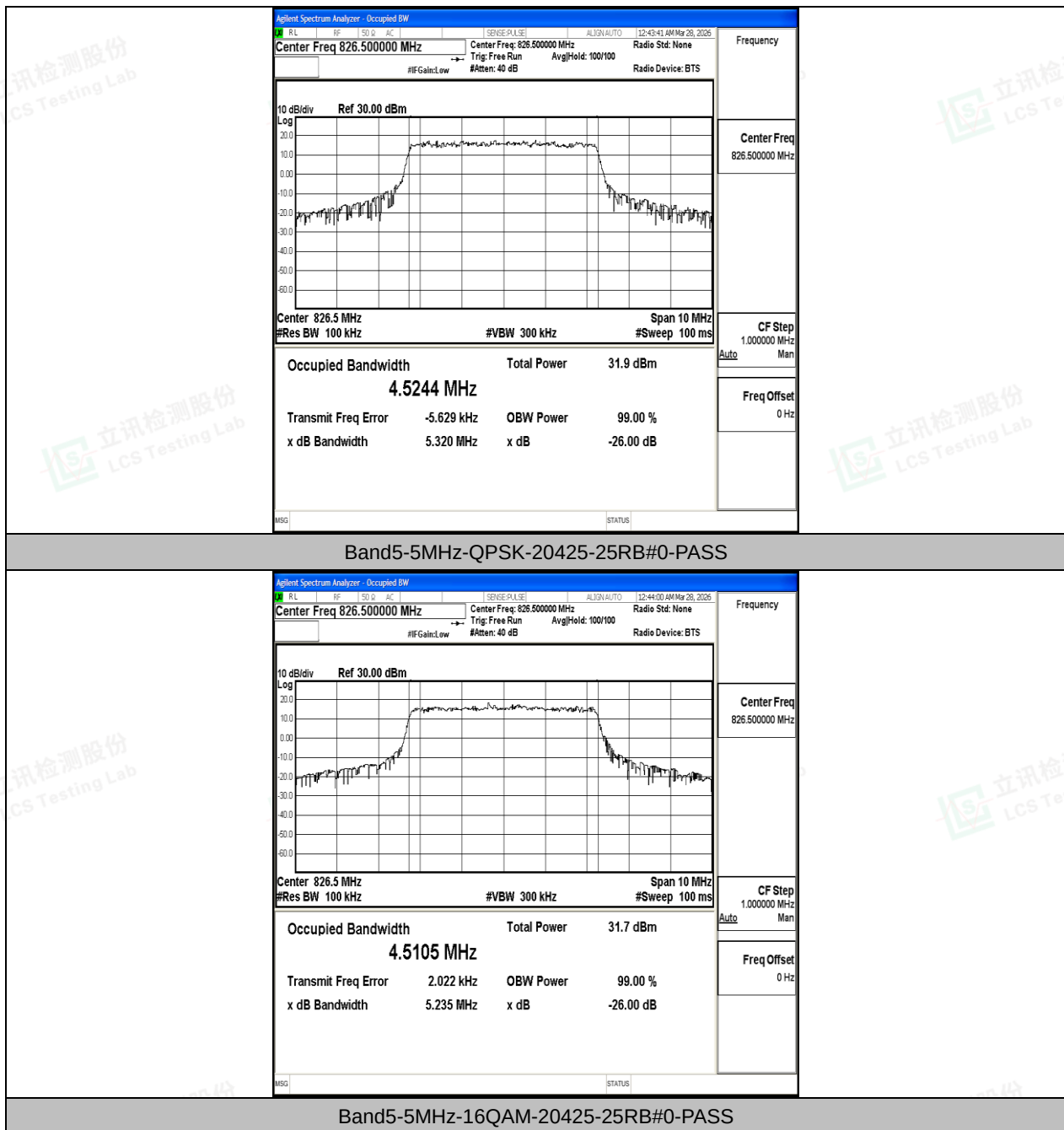


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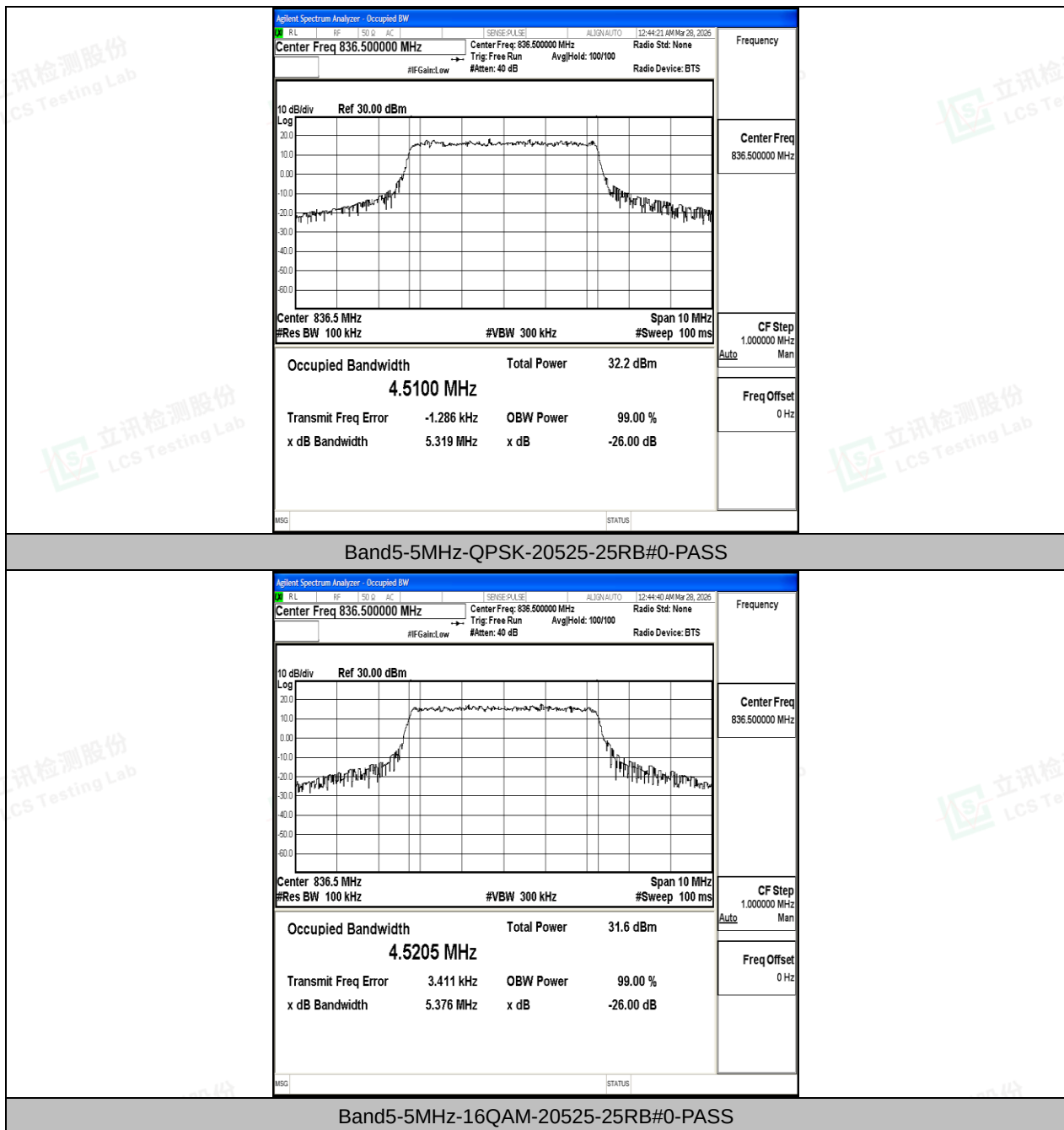


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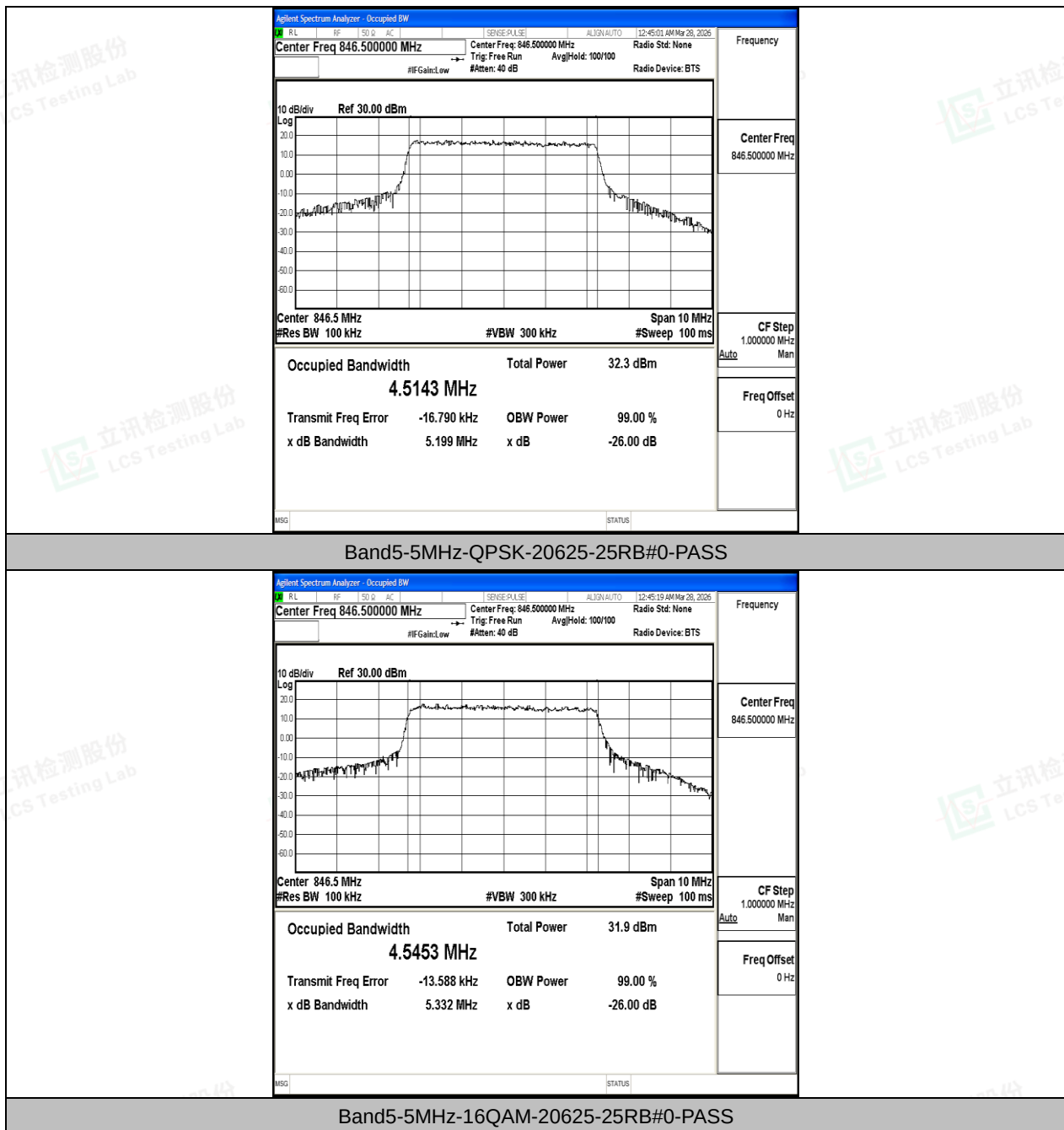


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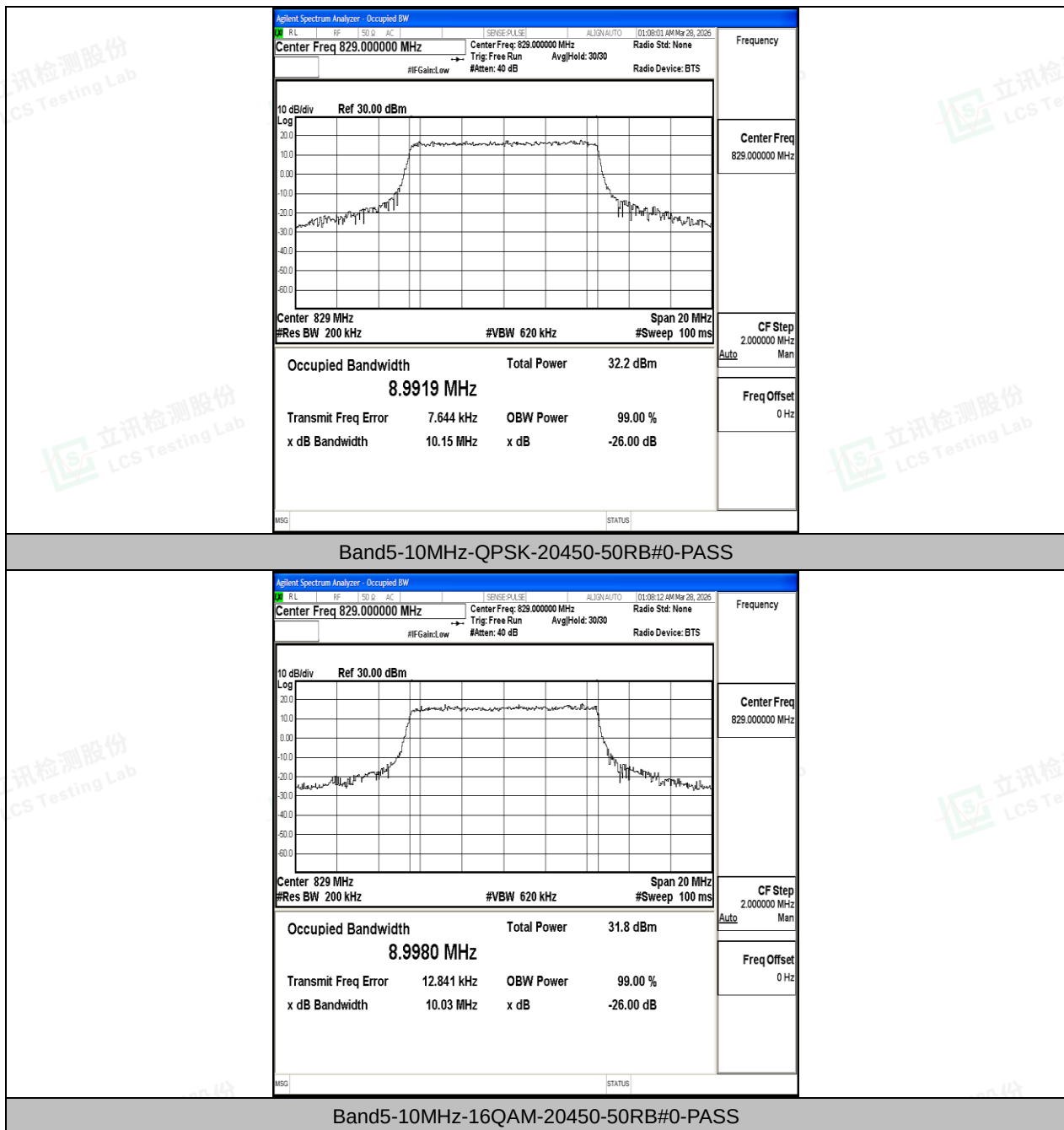


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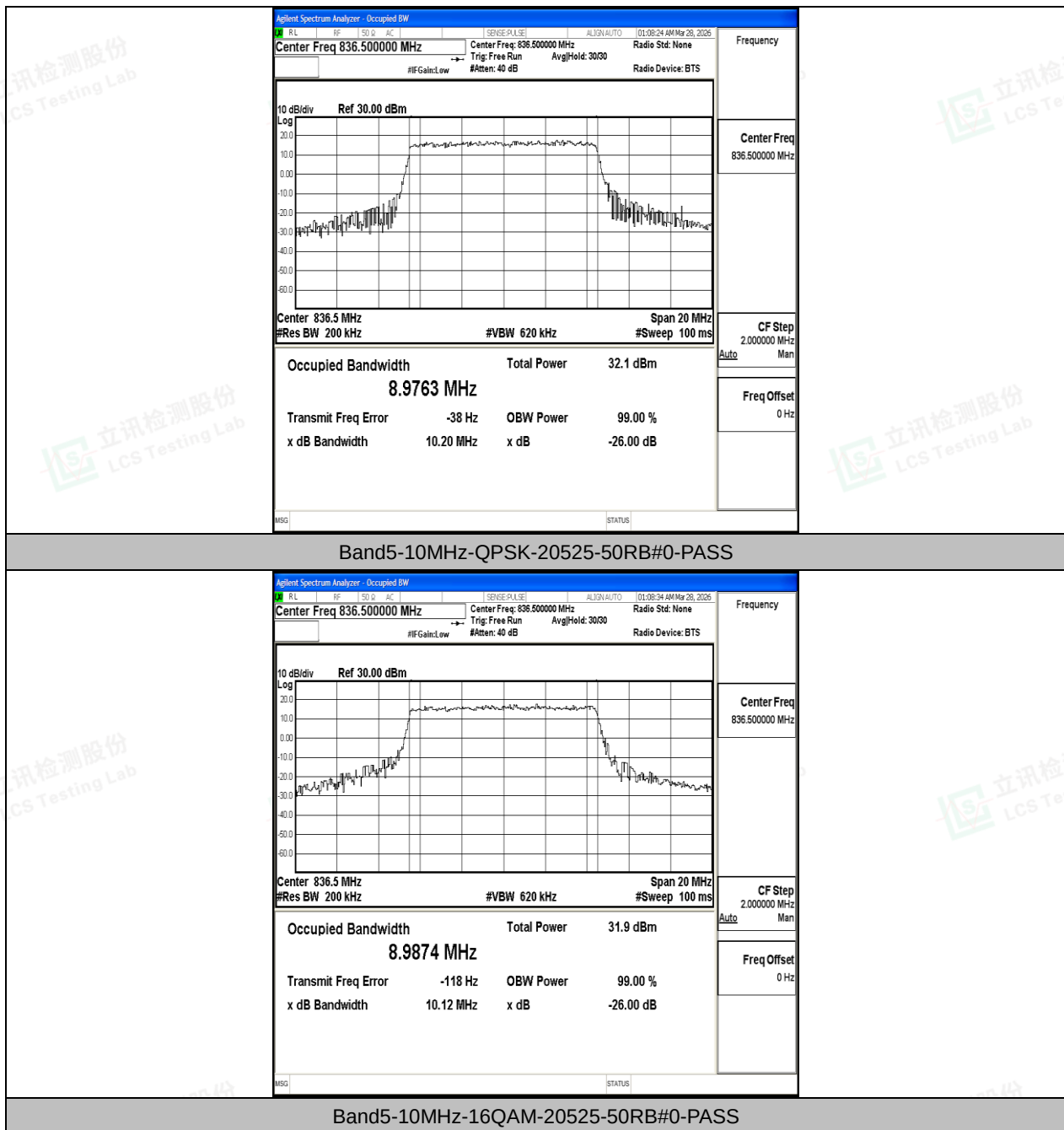


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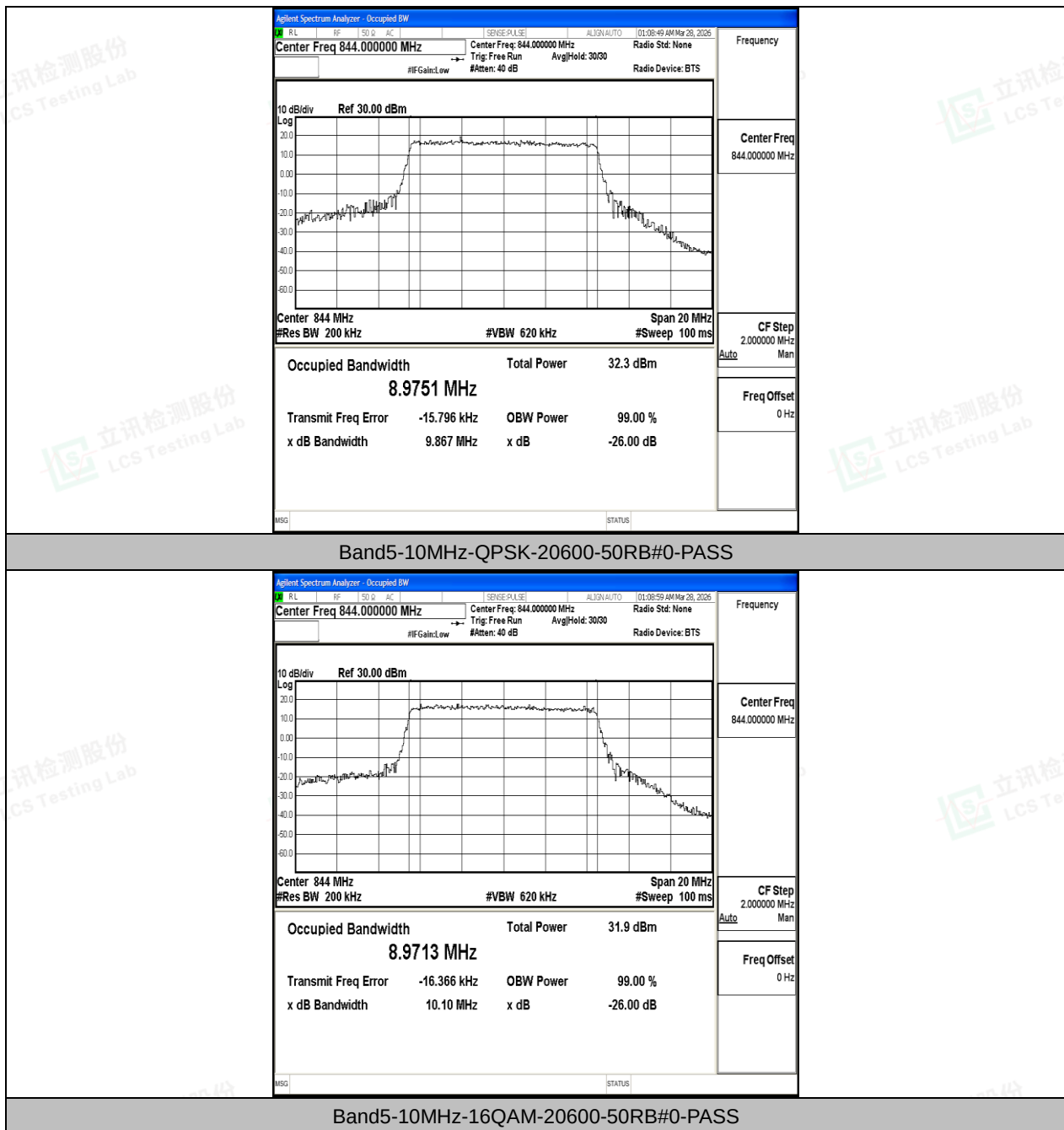


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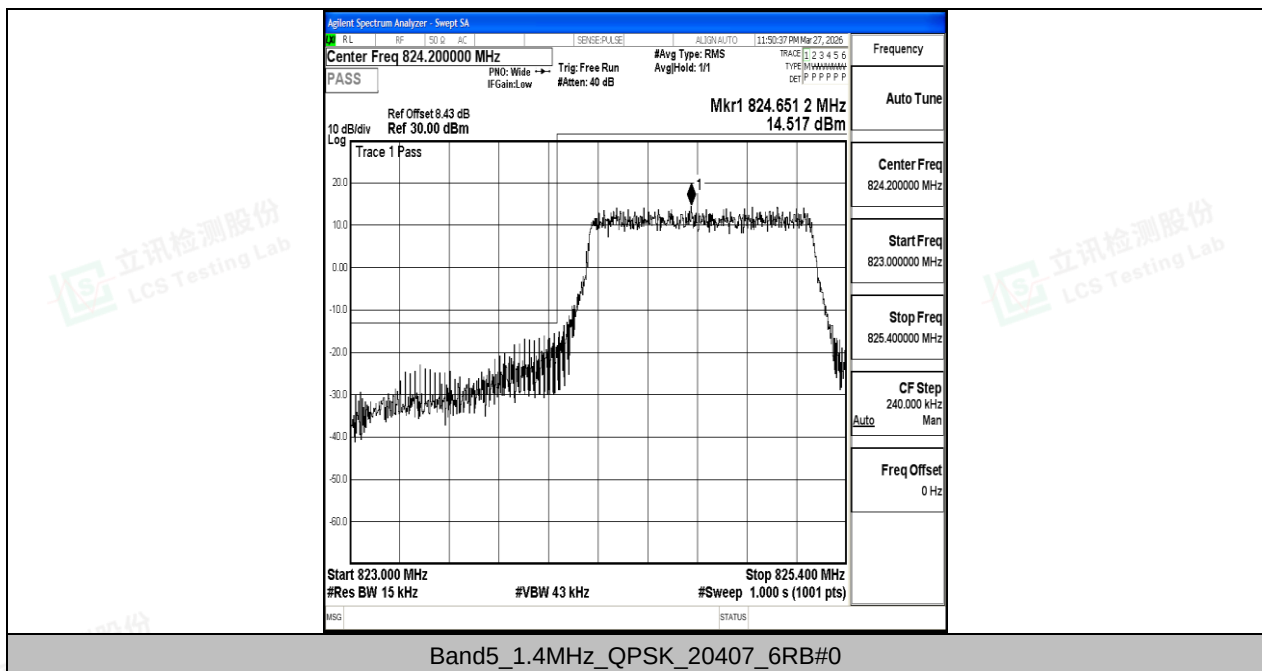


H.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.99	-15.47	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.99	-15.49	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.04	-14.92	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.02	-15.11	PASS
Band5	3MHz	QPSK	20415	15RB#0	823.99	-21.07	PASS
Band5	3MHz	16QAM	20415	15RB#0	823.97	-19.80	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.00	-21.58	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.02	-21.91	PASS
Band5	5MHz	QPSK	20425	25RB#0	823.98	-20.65	PASS
Band5	5MHz	16QAM	20425	25RB#0	823.99	-23.02	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.06	-21.84	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.03	-20.11	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.98	-17.17	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.98	-17.84	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.09	-15.38	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.09	-15.97	PASS

Test Graphs

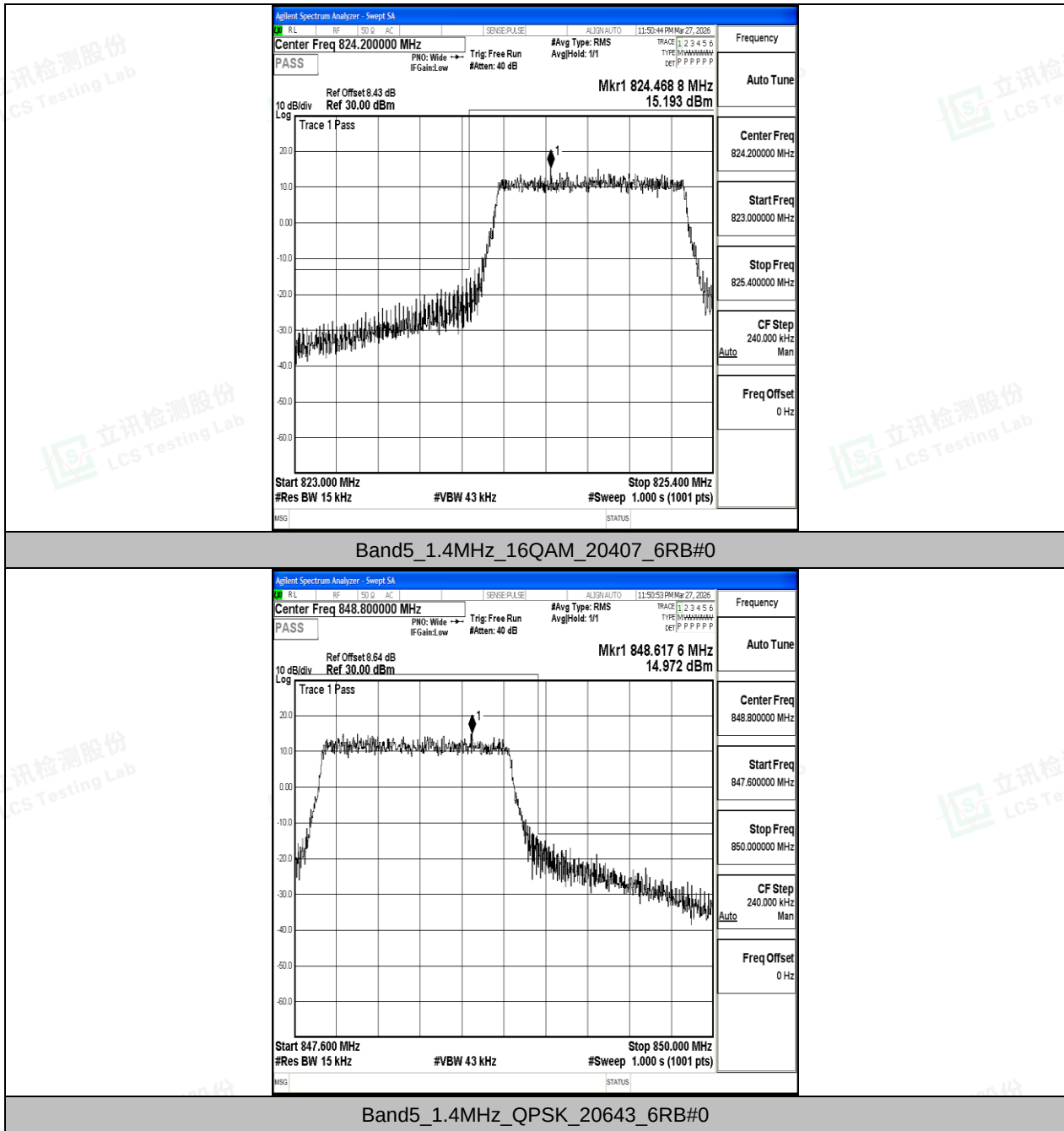


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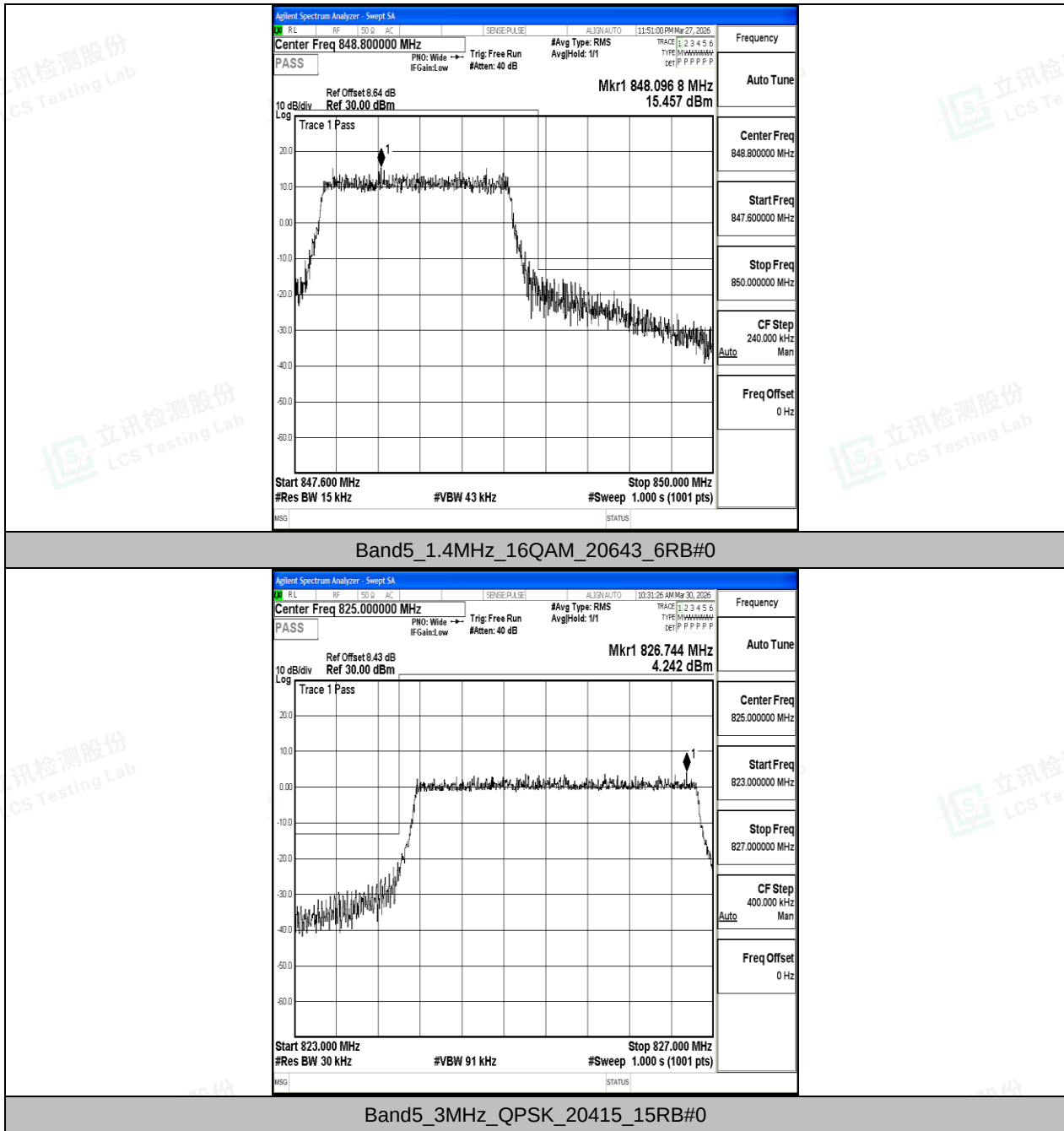


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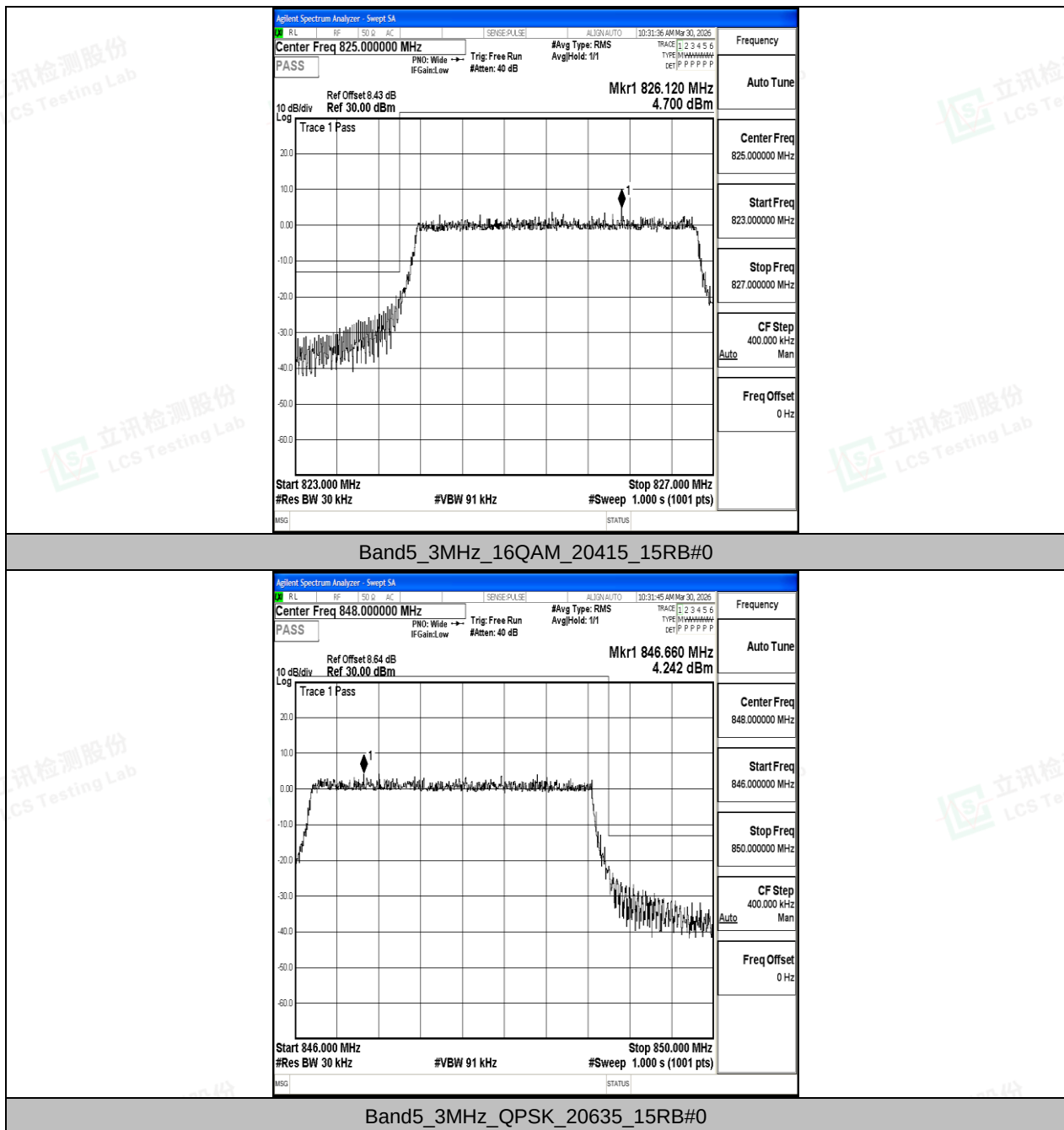


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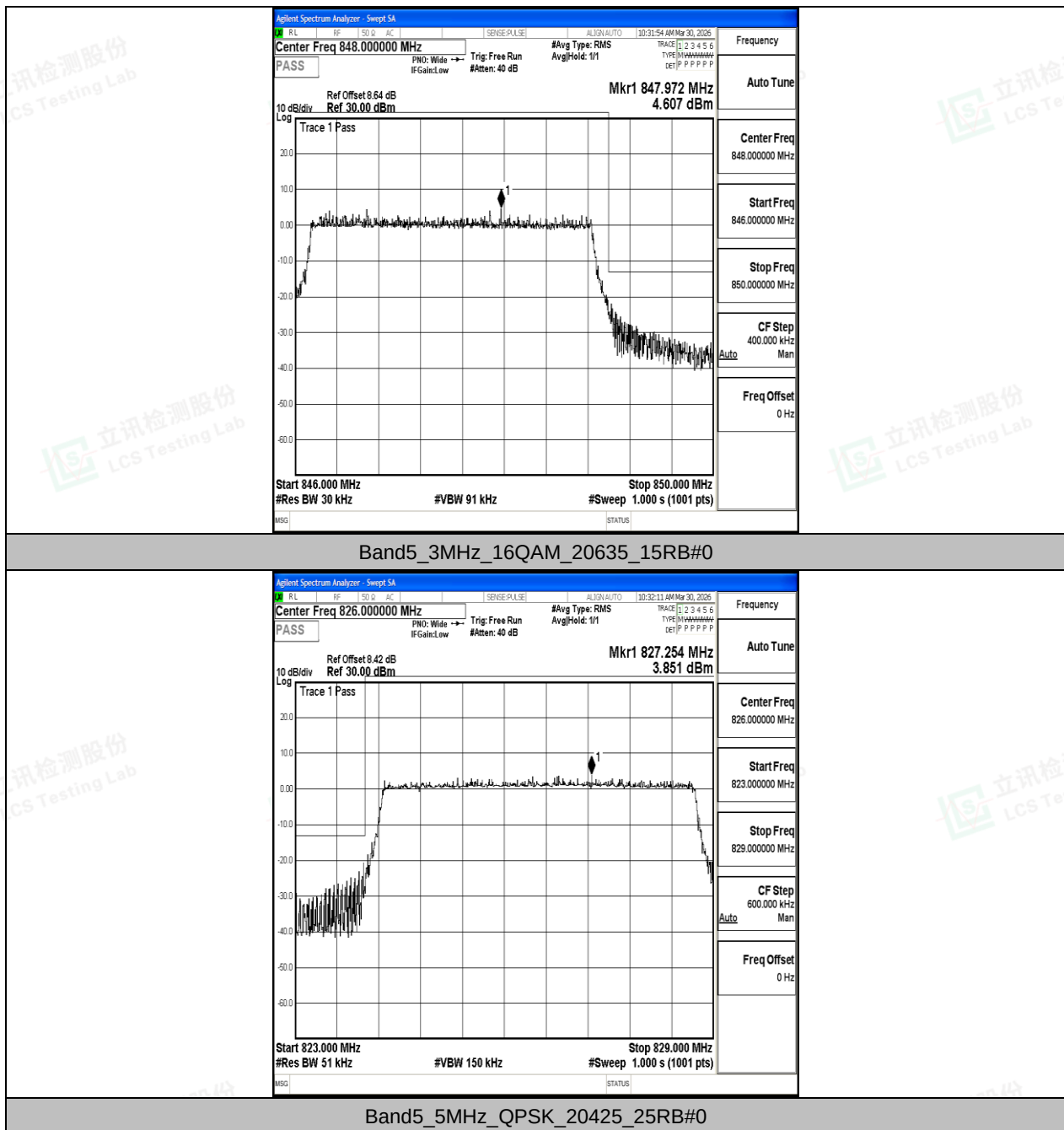


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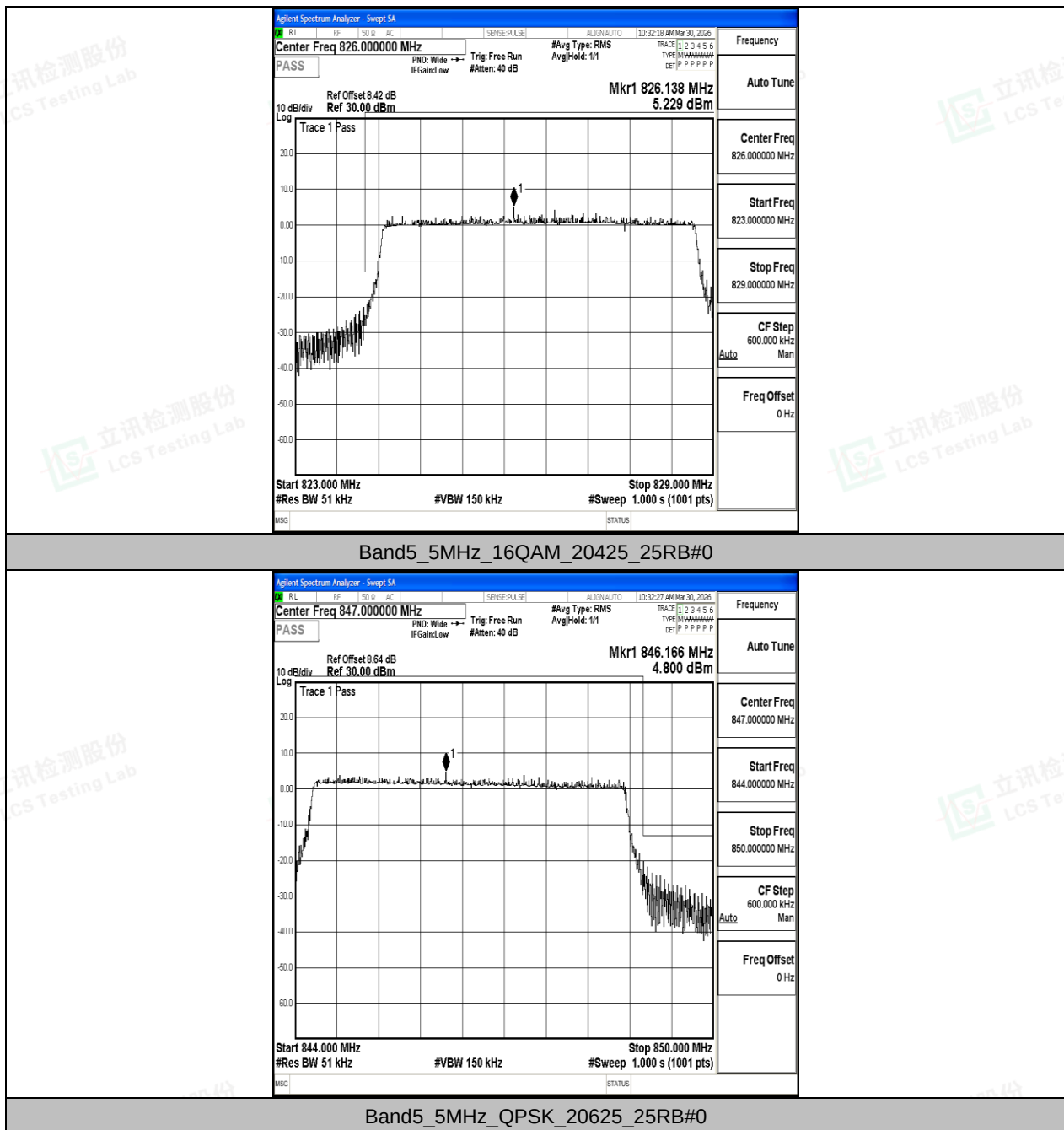


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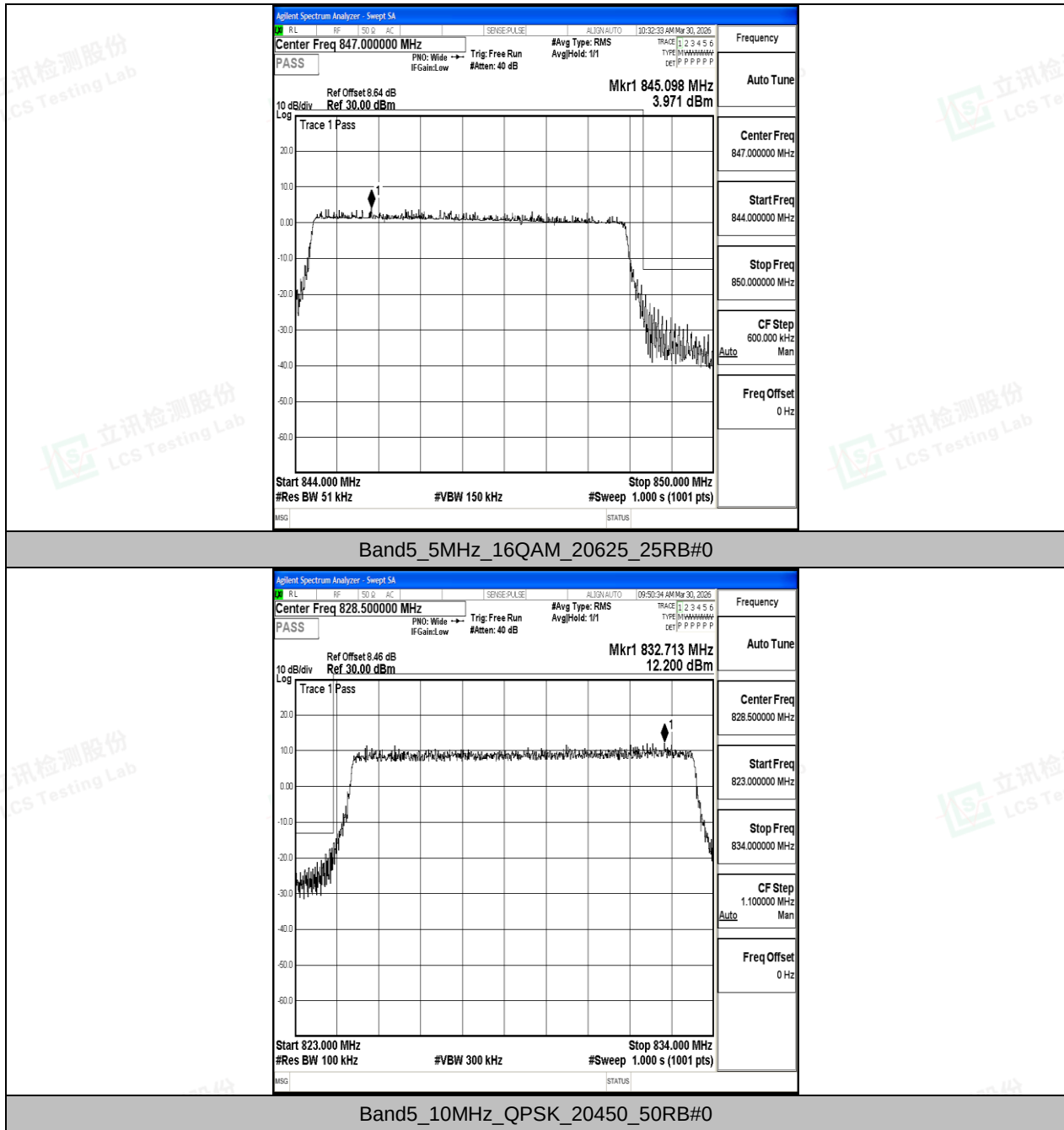


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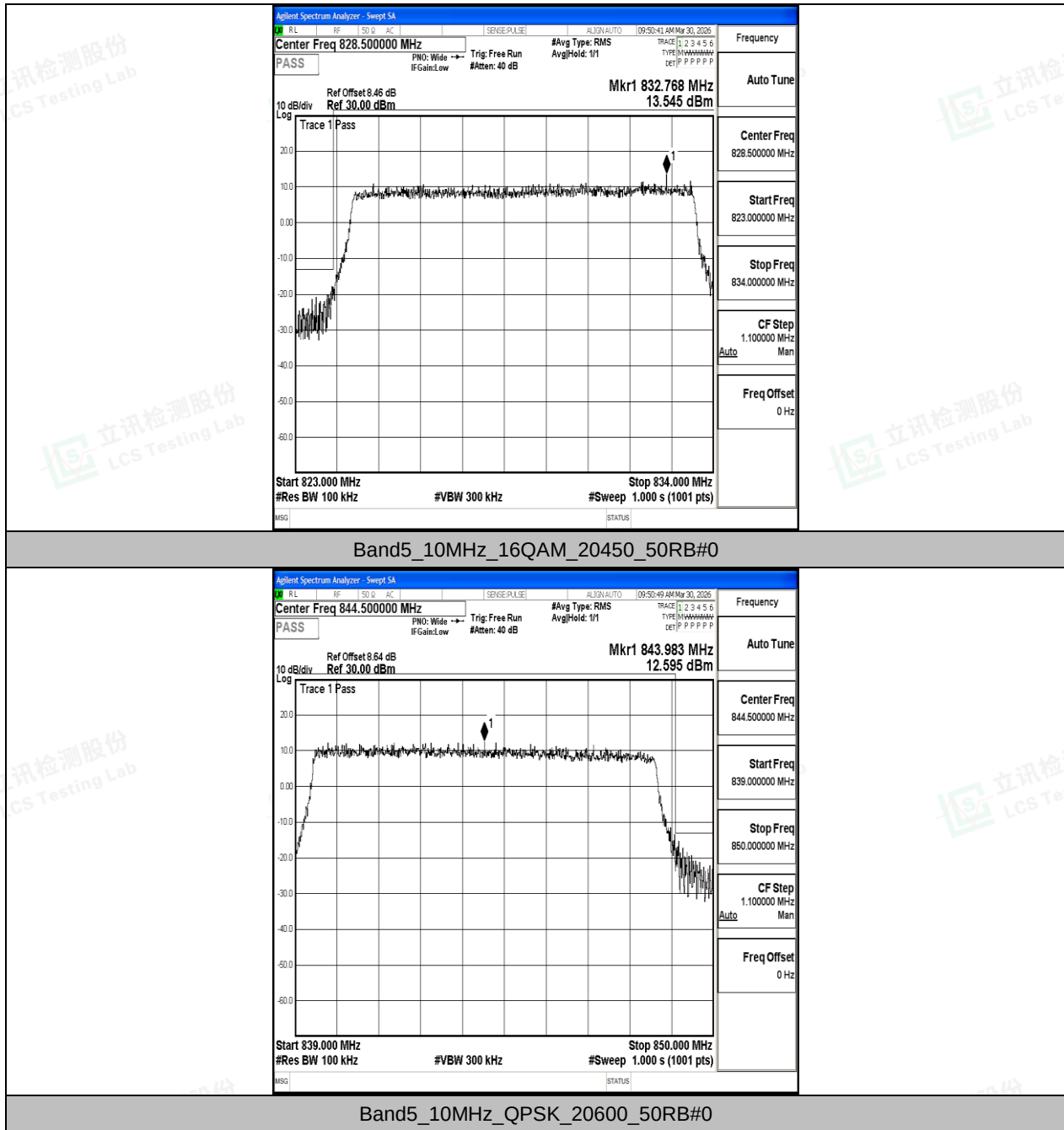


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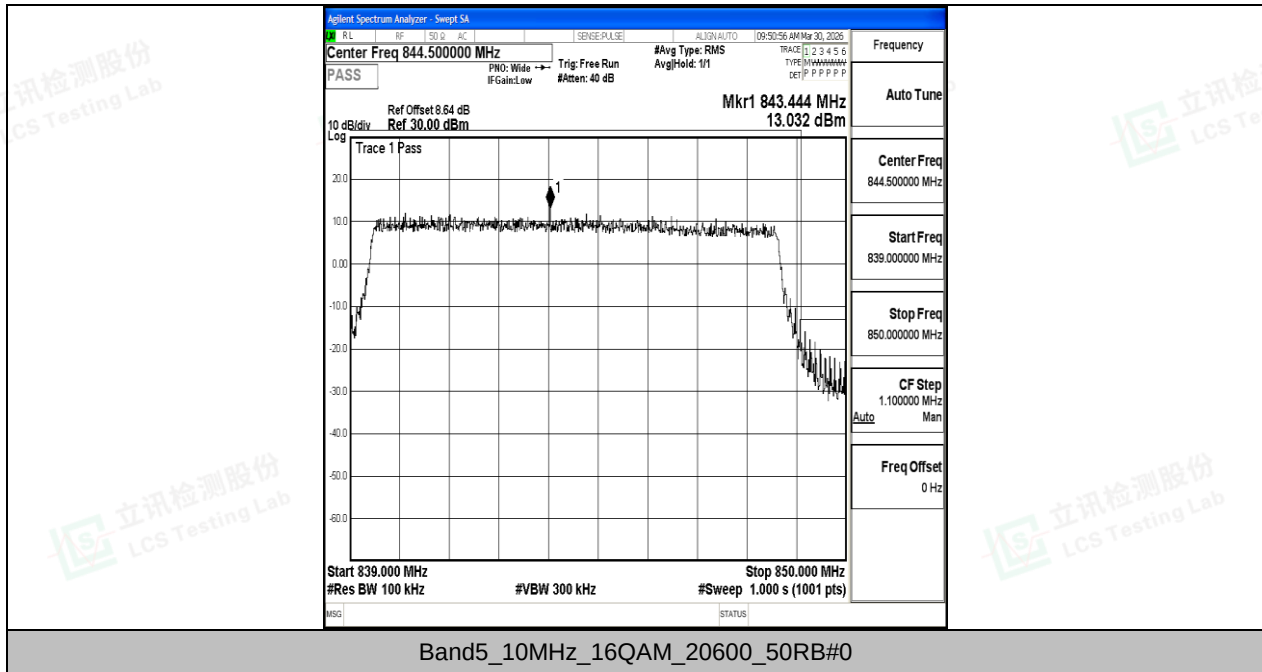


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H.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-57.78	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-44.51	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-24.64	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-35.40	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-32.50	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-56.06	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-43.80	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-21.48	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-33.51	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-33.73	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-55.42	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-45.38	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-24.07	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-34.30	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-33.16	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-55.71	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-44.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-27.88	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-34.04	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-33.20	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-57.46	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-44.32	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-21.93	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-33.60	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-34.17	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-54.92	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-46.82	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-23.95	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-33.46	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-33.68	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-56.07	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-44.81	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-28.89	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-34.85	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-33.22	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-57.07	PASS



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Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-43.52	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-29.50	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-32.48	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-33.81	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-53.30	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-42.72	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-28.55	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-35.48	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-33.59	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-55.35	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-43.47	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-29.02	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-34.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-34.02	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-54.69	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-44.37	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-26.57	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-34.89	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-34.11	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-55.14	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-44.58	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-27.11	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-34.87	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-33.35	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-58.05	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-44.40	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-38.74	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-34.55	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-33.55	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-57.87	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-43.75	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-38.55	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-34.08	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-33.54	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-56.54	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-44.92	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-38.36	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-35.40	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-33.01	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-57.90	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-40.83	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-41.90	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-33.98	PASS



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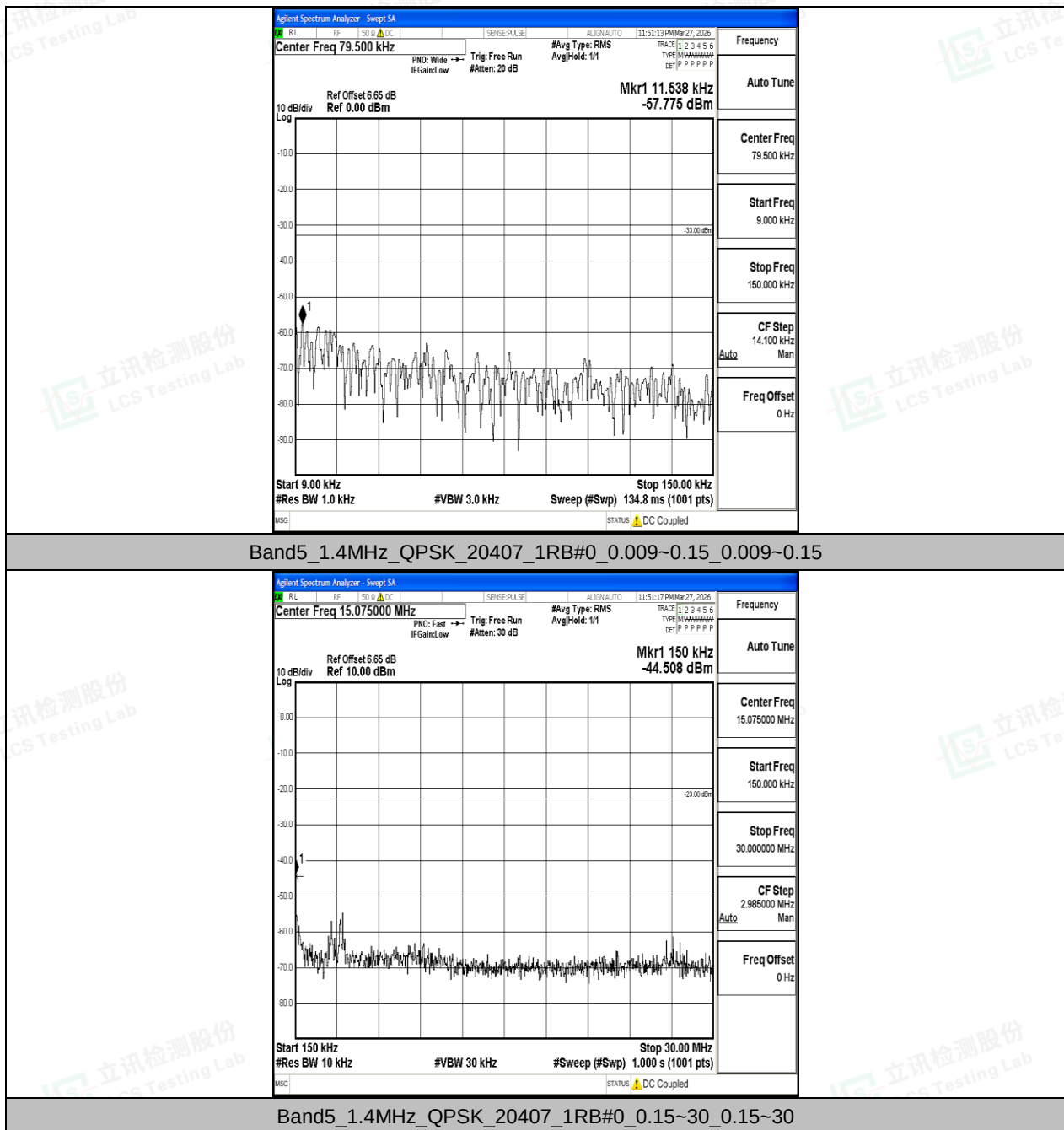


Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-33.80	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-55.19	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-44.78	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-37.98	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-36.78	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-34.22	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-56.95	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-42.25	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-39.55	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-37.04	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-34.12	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-55.08	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-41.92	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-51.32	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-35.23	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-33.09	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-56.38	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-43.87	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-51.75	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-34.40	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-32.63	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-58.78	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-46.09	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-51.38	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-34.01	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-34.15	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-53.80	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-45.44	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-50.85	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-35.10	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-33.31	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-54.79	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-43.64	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-51.71	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-37.43	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-33.94	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-56.98	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-44.37	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-51.65	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-36.60	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-33.64	PASS





Test Graphs

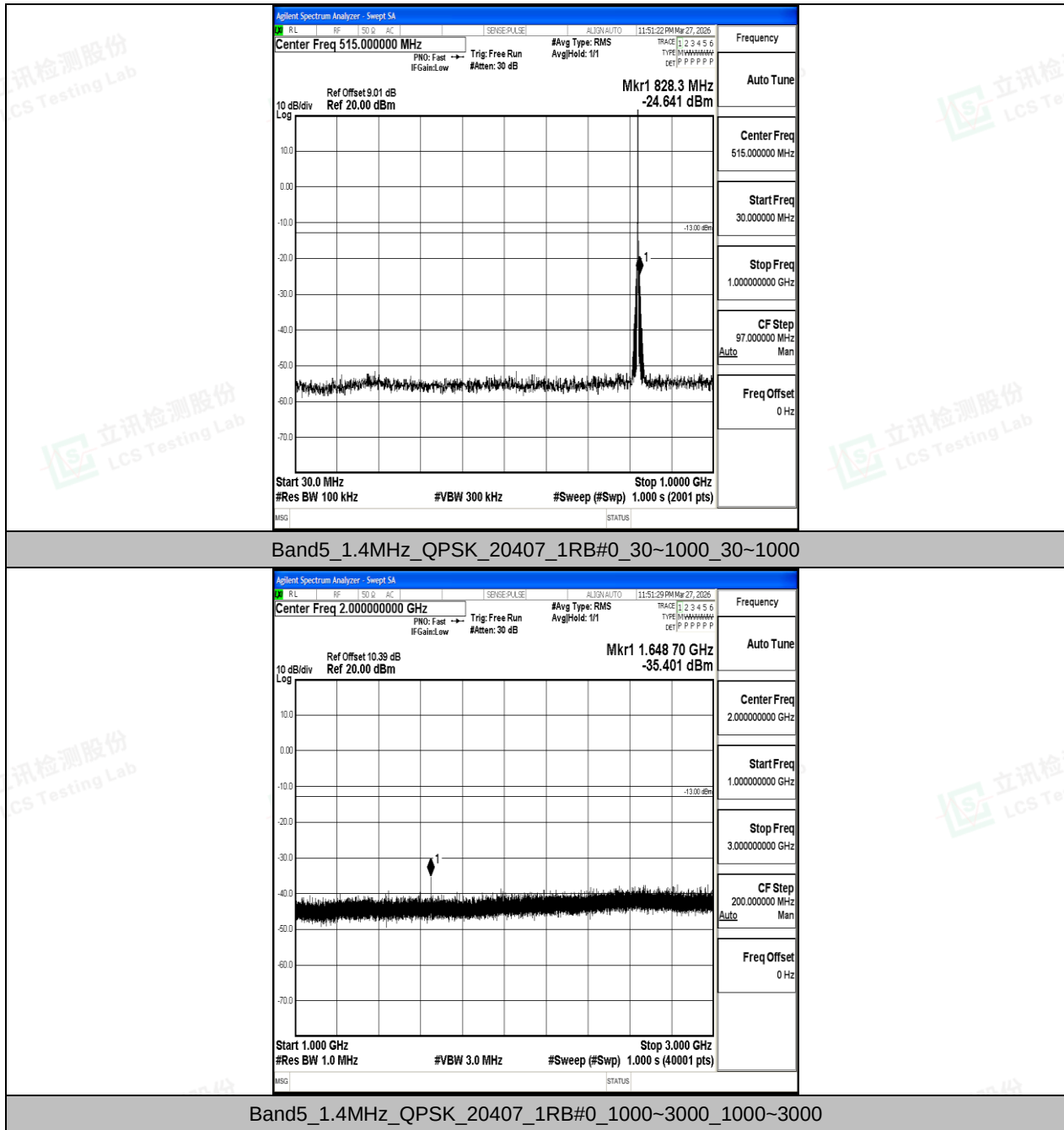


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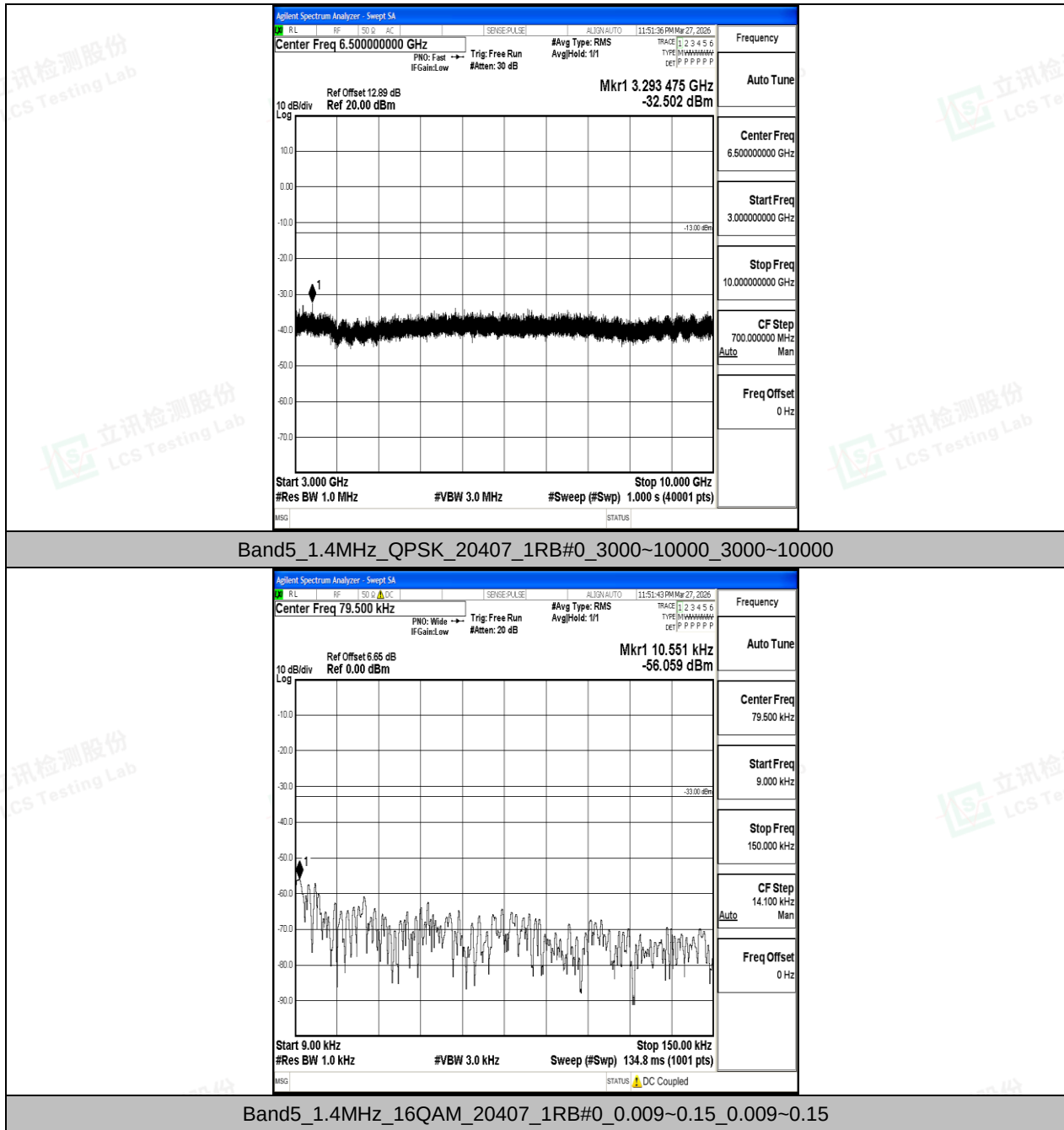


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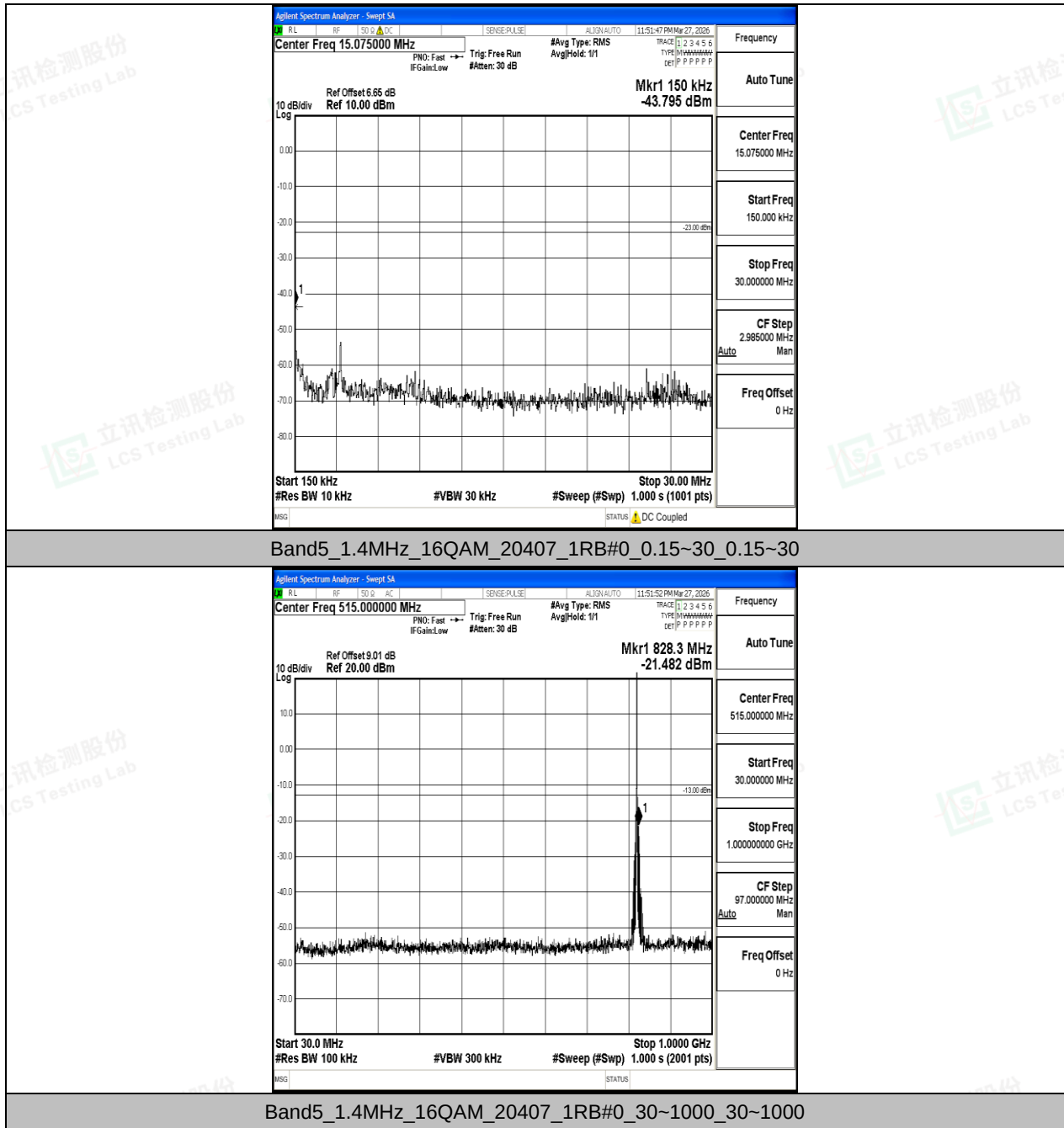


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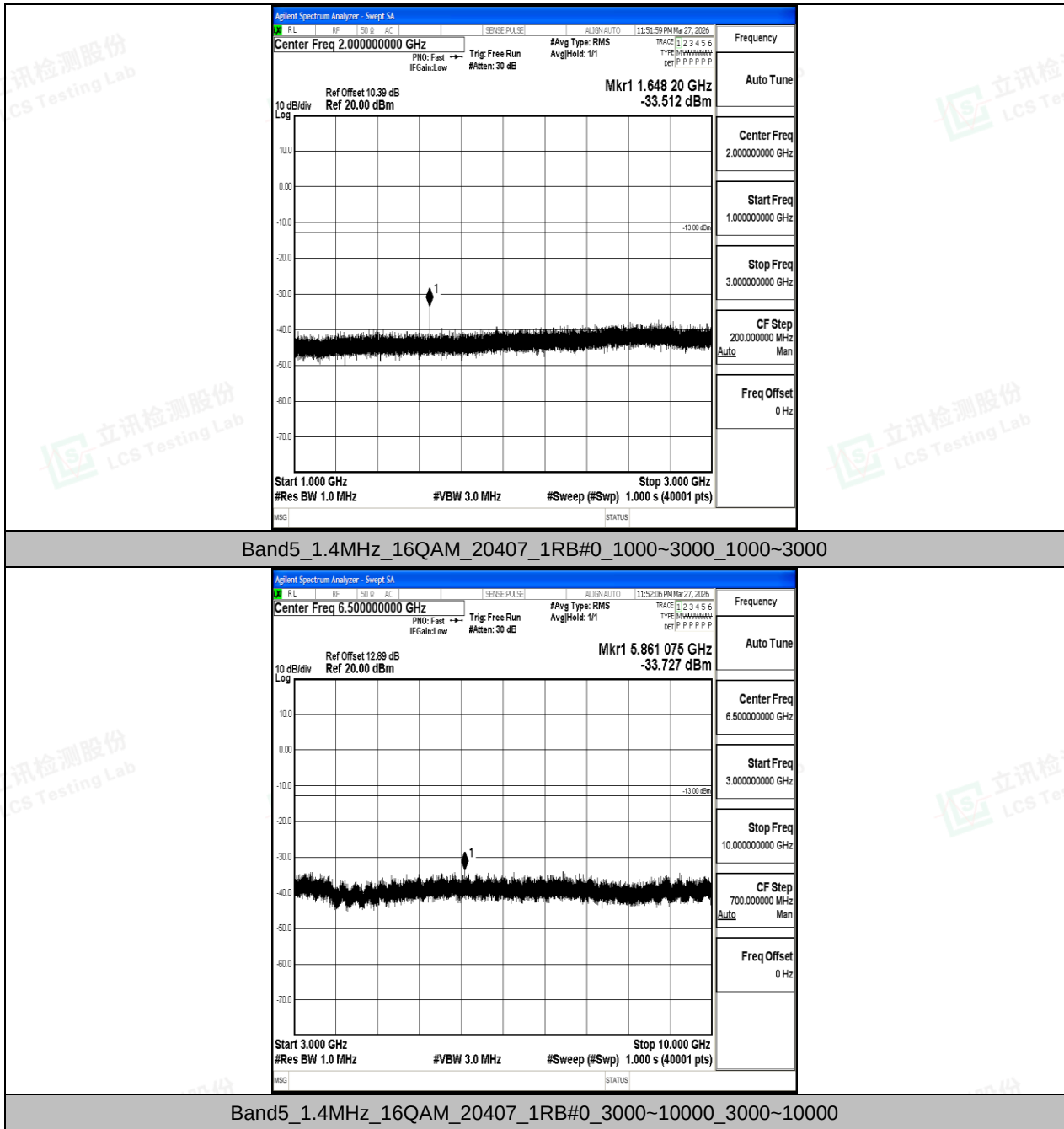


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