



Appendix G: Test Data for E-UTRA Band 7

Product Name: Kids Smartwatch

Test Model: Kidzi

Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Taylor Hu
Supervised by:	Ling Zhu





G.1 Conducted Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.06	PASS
Band7	5MHz	16QAM	20775	1RB#0	20.61	PASS
Band7	5MHz	QPSK	20775	1RB#12	21.91	PASS
Band7	5MHz	16QAM	20775	1RB#12	20.56	PASS
Band7	5MHz	QPSK	20775	1RB#24	21.77	PASS
Band7	5MHz	16QAM	20775	1RB#24	20.35	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.12	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.25	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.11	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.23	PASS
Band7	5MHz	QPSK	20775	12RB#13	20.94	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.24	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.02	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.37	PASS
Band7	5MHz	QPSK	21100	1RB#0	21.58	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.30	PASS
Band7	5MHz	QPSK	21100	1RB#12	21.63	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.31	PASS
Band7	5MHz	QPSK	21100	1RB#24	21.50	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.46	PASS
Band7	5MHz	QPSK	21100	12RB#0	20.95	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.12	PASS
Band7	5MHz	QPSK	21100	12RB#6	20.95	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.25	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.06	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.31	PASS
Band7	5MHz	QPSK	21100	25RB#0	20.97	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	21.92	PASS
Band7	5MHz	16QAM	21425	1RB#0	20.52	PASS
Band7	5MHz	QPSK	21425	1RB#12	21.84	PASS
Band7	5MHz	16QAM	21425	1RB#12	20.62	PASS
Band7	5MHz	QPSK	21425	1RB#24	21.93	PASS
Band7	5MHz	16QAM	21425	1RB#24	20.62	PASS



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Band7	5MHz	QPSK	21425	12RB#0	21.11	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.32	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.08	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.29	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.11	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.32	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.08	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.46	PASS
Band7	10MHz	QPSK	20800	1RB#0	21.48	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.40	PASS
Band7	10MHz	QPSK	20800	1RB#24	21.21	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.33	PASS
Band7	10MHz	QPSK	20800	1RB#49	21.07	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.18	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.32	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.44	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.26	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.44	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.21	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.36	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.24	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.53	PASS
Band7	10MHz	QPSK	21100	1RB#0	21.95	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.08	PASS
Band7	10MHz	QPSK	21100	1RB#24	21.96	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.17	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.28	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.21	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.47	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.23	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.48	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.09	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.61	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.28	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.48	PASS
Band7	10MHz	QPSK	21400	1RB#0	21.31	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.24	PASS
Band7	10MHz	QPSK	21400	1RB#24	21.65	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.40	PASS



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Band7	10MHz	QPSK	21400	1RB#49	21.96	PASS
Band7	10MHz	16QAM	21400	1RB#49	21.35	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.35	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.51	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.32	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.56	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.37	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.53	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.25	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.60	PASS
Band7	15MHz	QPSK	20825	1RB#0	21.15	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.23	PASS
Band7	15MHz	QPSK	20825	1RB#38	20.69	PASS
Band7	15MHz	16QAM	20825	1RB#38	20.83	PASS
Band7	15MHz	QPSK	20825	1RB#74	20.66	PASS
Band7	15MHz	16QAM	20825	1RB#74	20.80	PASS
Band7	15MHz	QPSK	20825	38RB#0	20.81	PASS
Band7	15MHz	16QAM	20825	38RB#0	20.80	PASS
Band7	15MHz	QPSK	20825	38RB#18	20.80	PASS
Band7	15MHz	16QAM	20825	38RB#18	20.79	PASS
Band7	15MHz	QPSK	20825	38RB#37	20.79	PASS
Band7	15MHz	16QAM	20825	38RB#37	20.78	PASS
Band7	15MHz	QPSK	20825	75RB#0	20.78	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.46	PASS
Band7	15MHz	QPSK	21100	1RB#0	21.91	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.39	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.01	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.53	PASS
Band7	15MHz	QPSK	21100	1RB#74	21.97	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.60	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.40	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.17	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.17	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.18	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.18	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.18	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.18	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.46	PASS
Band7	15MHz	QPSK	21375	1RB#0	21.04	PASS
Band7	15MHz	16QAM	21375	1RB#0	20.76	PASS



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Band7	15MHz	QPSK	21375	1RB#38	21.26	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.16	PASS
Band7	15MHz	QPSK	21375	1RB#74	21.41	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.35	PASS
Band7	15MHz	QPSK	21375	38RB#0	21.30	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.24	PASS
Band7	15MHz	QPSK	21375	38RB#18	21.23	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.23	PASS
Band7	15MHz	QPSK	21375	38RB#37	21.22	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.22	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.22	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.61	PASS
Band7	20MHz	QPSK	20850	1RB#0	21.35	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.26	PASS
Band7	20MHz	QPSK	20850	1RB#49	20.80	PASS
Band7	20MHz	16QAM	20850	1RB#49	20.75	PASS
Band7	20MHz	QPSK	20850	1RB#99	21.92	PASS
Band7	20MHz	16QAM	20850	1RB#99	20.91	PASS
Band7	20MHz	QPSK	20850	50RB#0	20.79	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.60	PASS
Band7	20MHz	QPSK	20850	50RB#25	20.79	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.67	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.07	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.44	PASS
Band7	20MHz	QPSK	20850	100RB#0	20.96	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.44	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.08	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.45	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.21	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.60	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.43	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.71	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.12	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.41	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.13	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.42	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.35	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.62	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.27	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.62	PASS



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Band7	20MHz	QPSK	21350	1RB#0	21.29	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.20	PASS
Band7	20MHz	QPSK	21350	1RB#49	20.96	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.03	PASS
Band7	20MHz	QPSK	21350	1RB#99	21.81	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.35	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.72	PASS
Band7	20MHz	QPSK	21350	50RB#25	20.95	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.68	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.32	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.65	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.28	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.63	PASS



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.61	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.23	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.01	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.77	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.67	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.27	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	4.48	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.02	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	4.88	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.54	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.63	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.17	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.24	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.72	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.54	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	5.99	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.37	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.89	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.00	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.74	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.21	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.05	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.13	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.81	13	PASS



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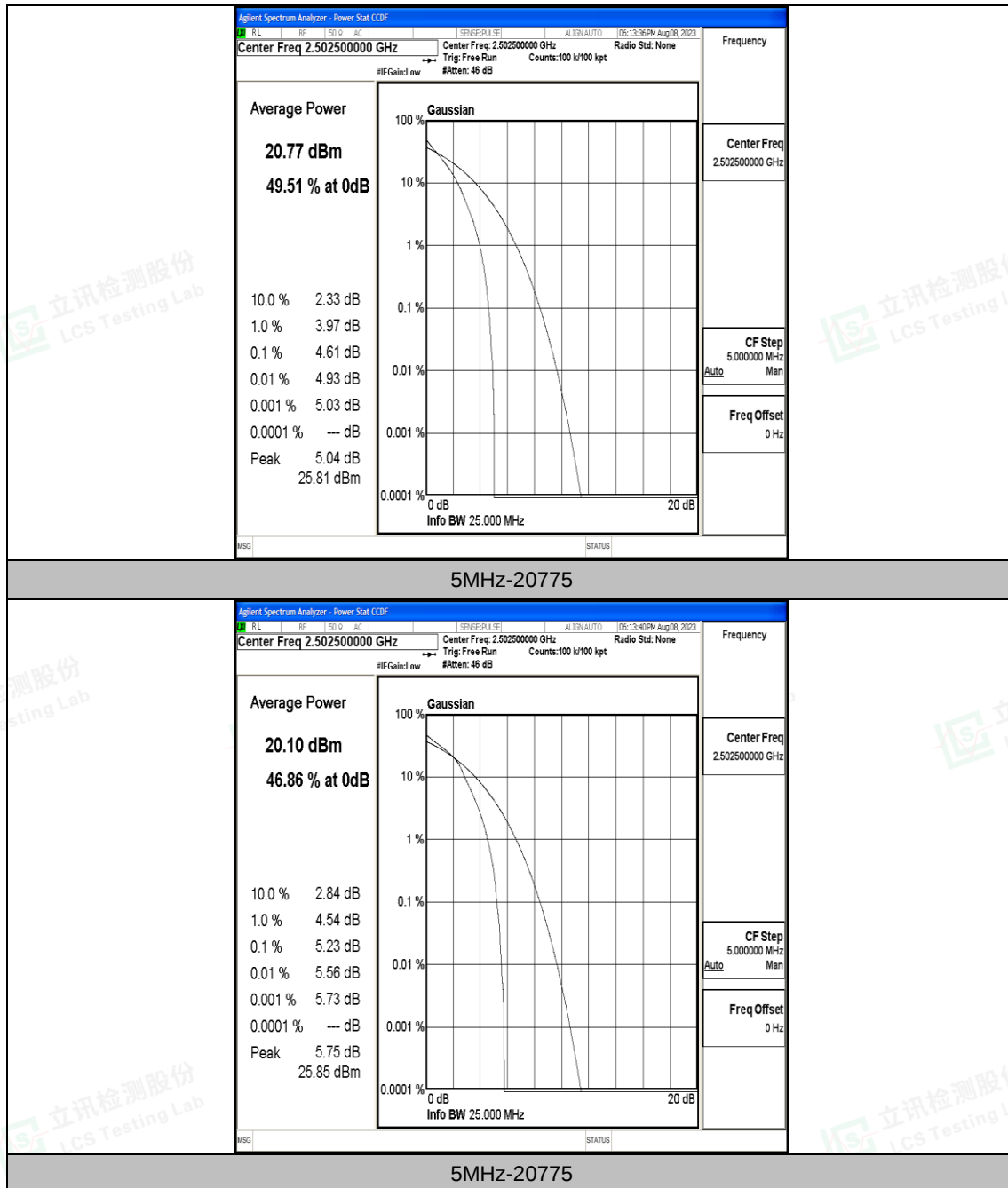
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Test Graphs

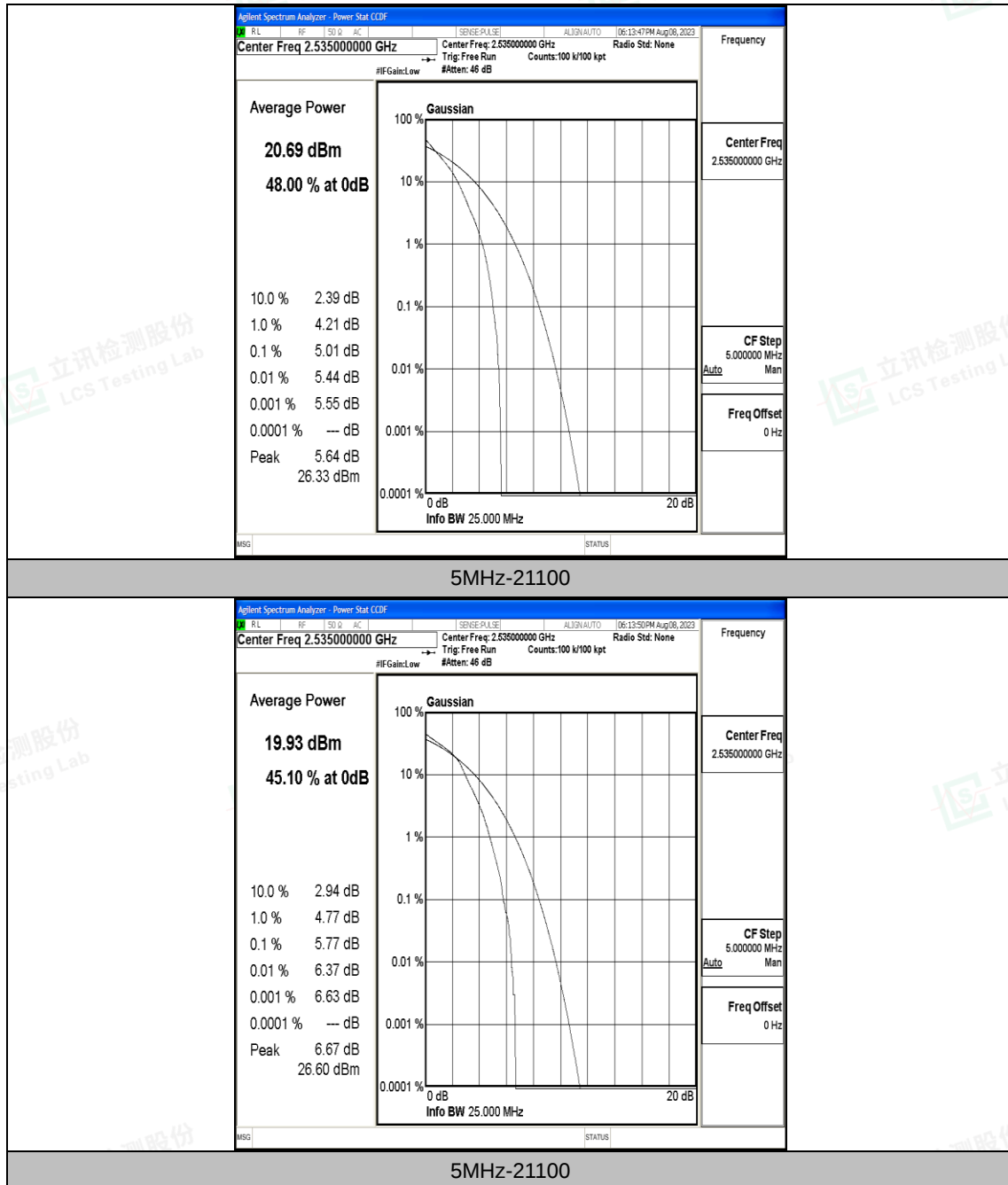


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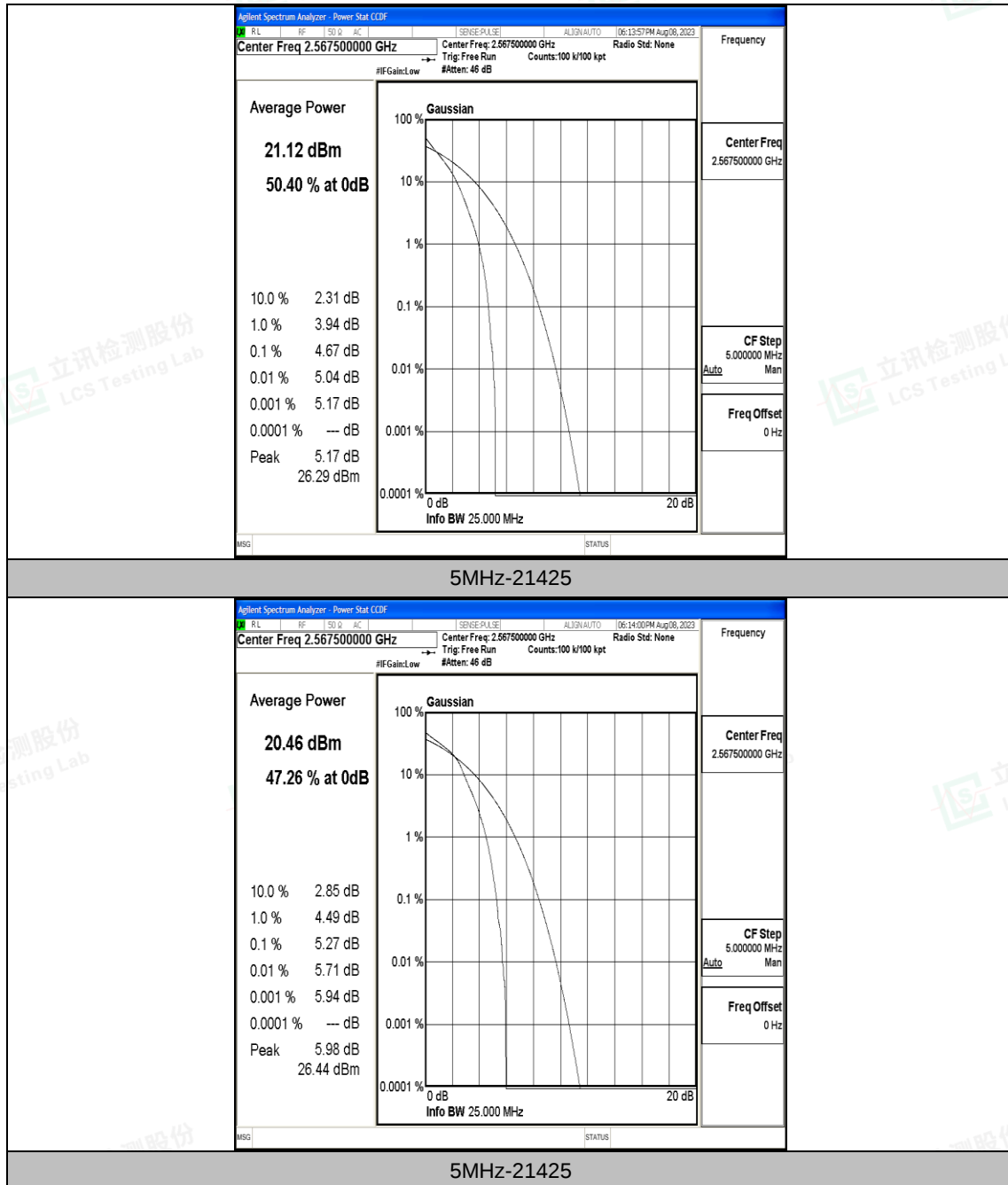


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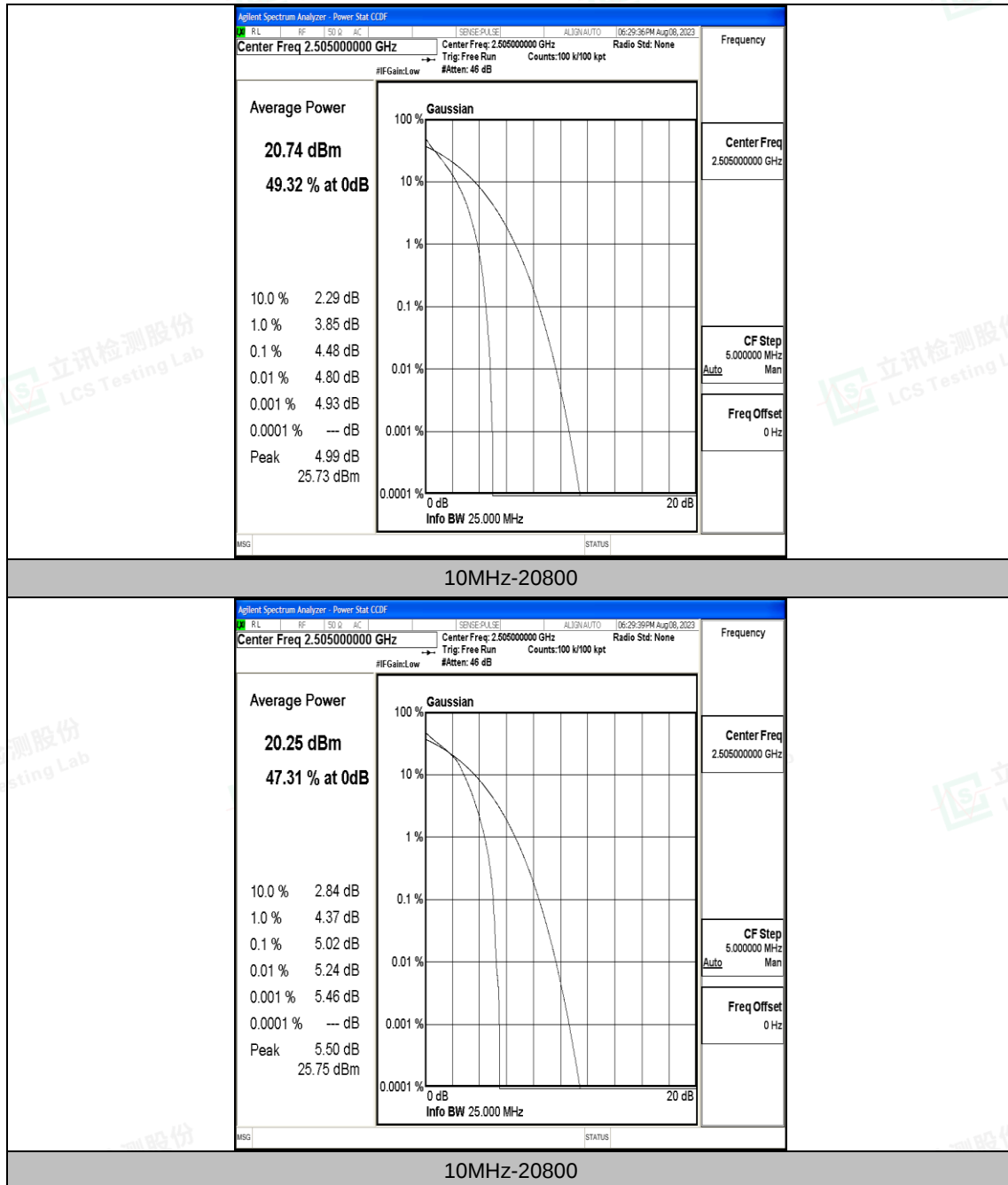


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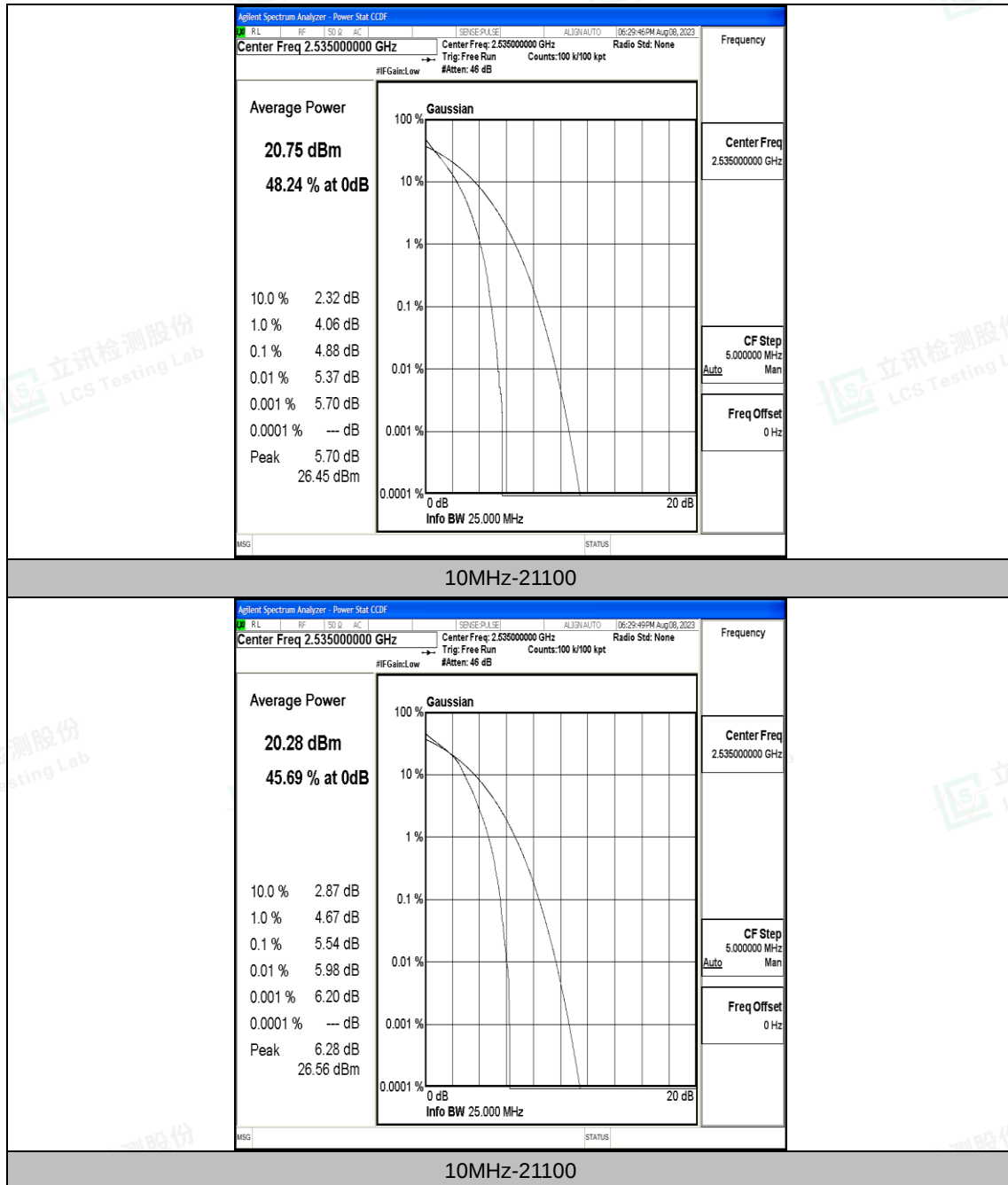


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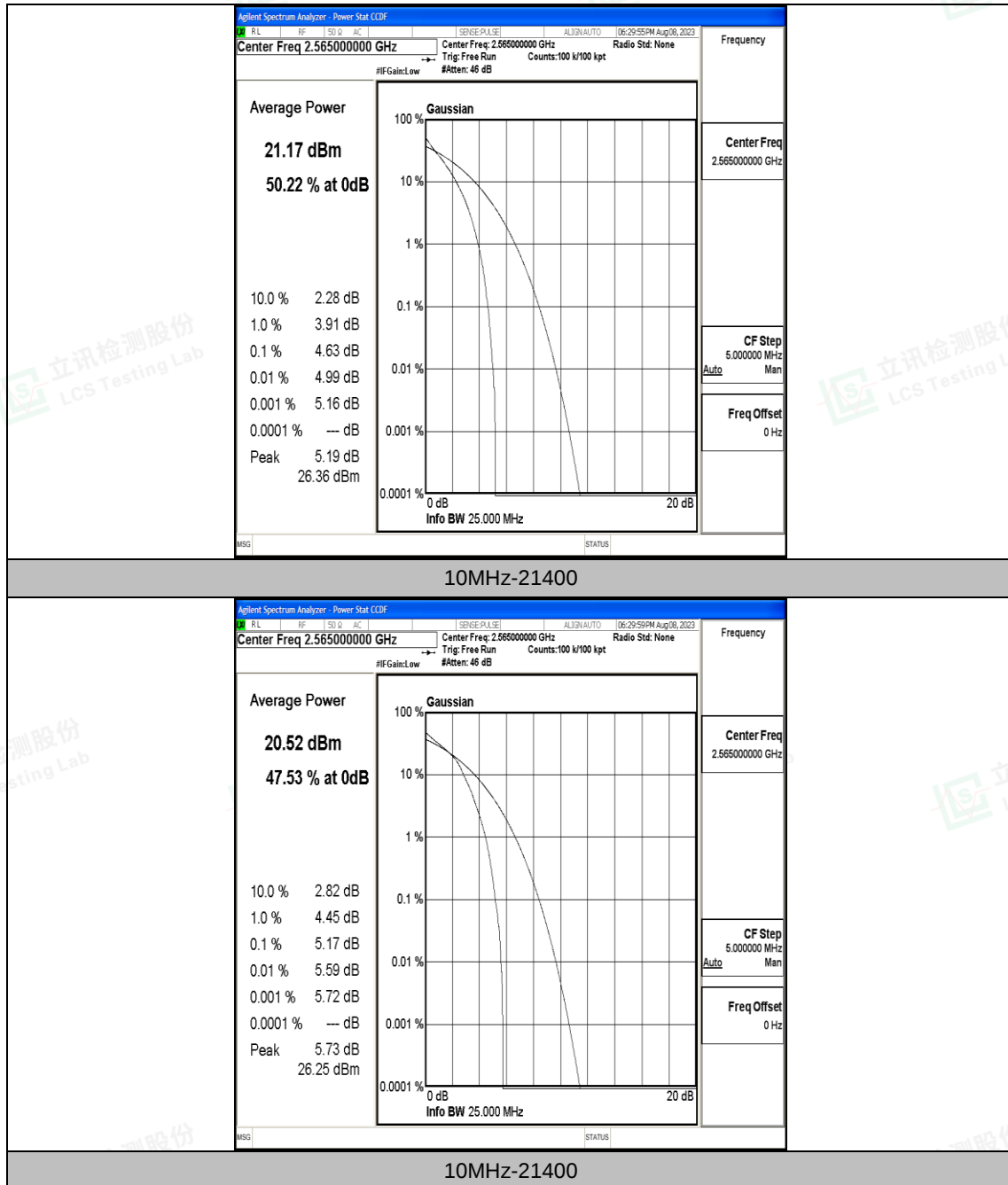


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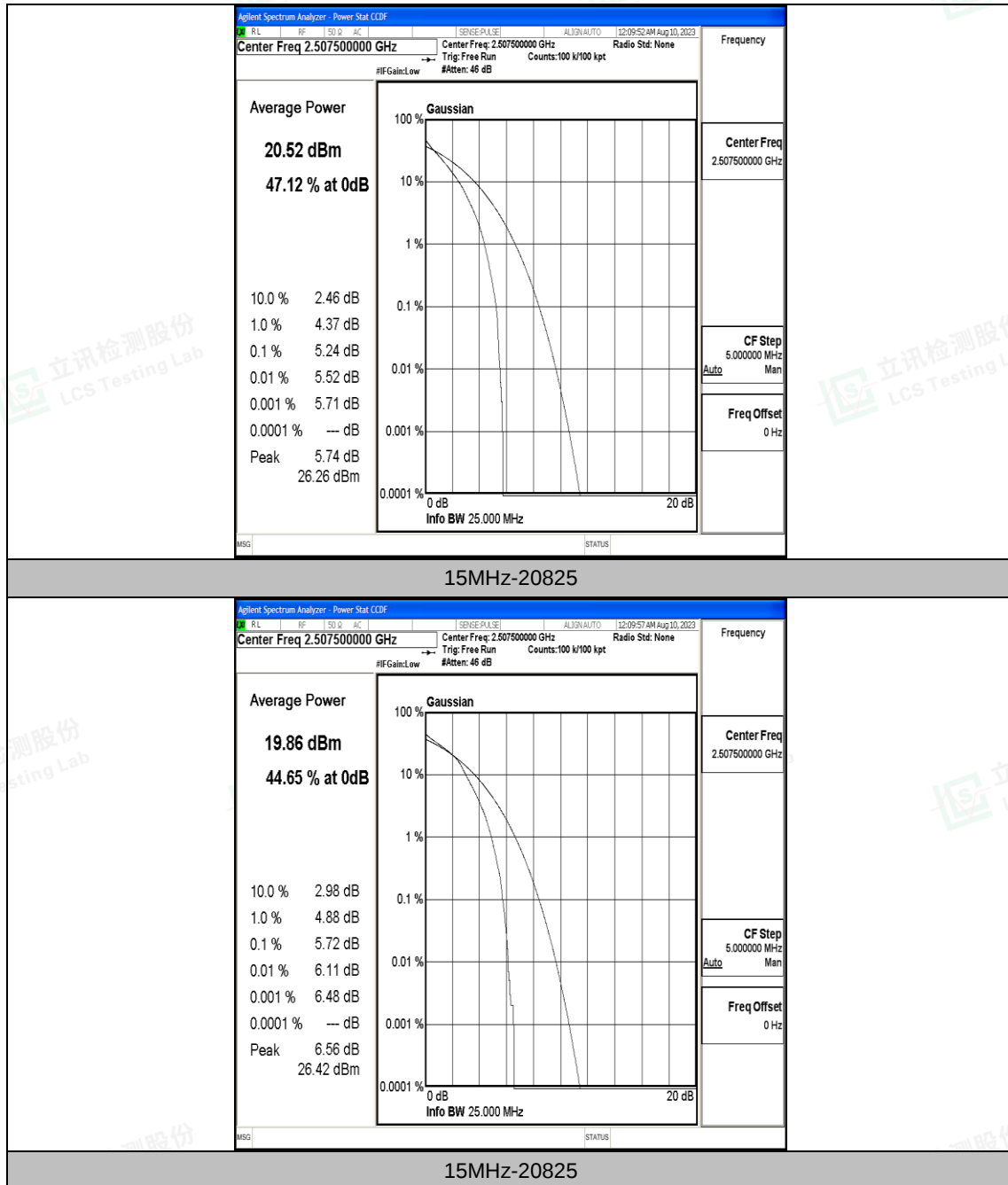


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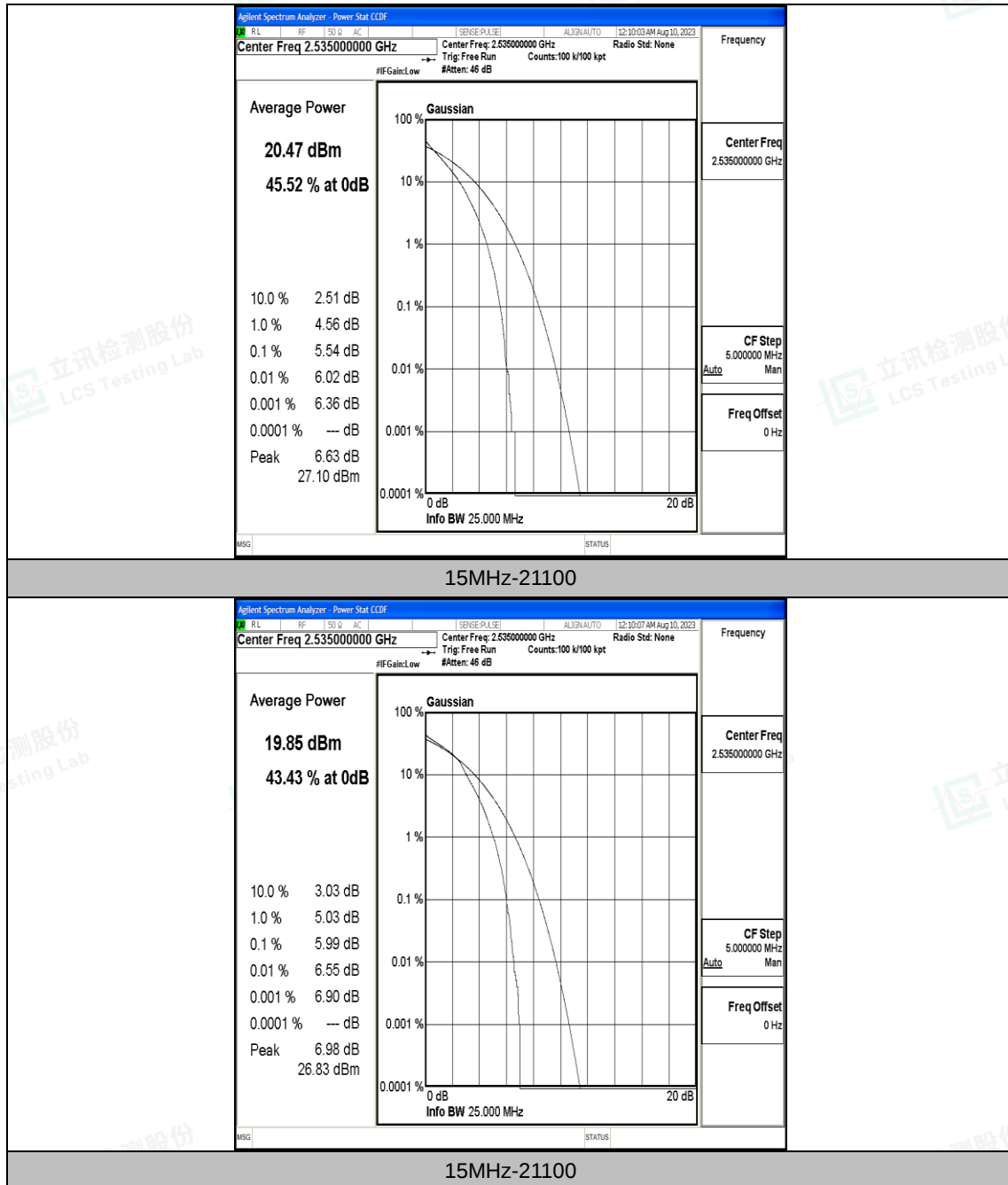


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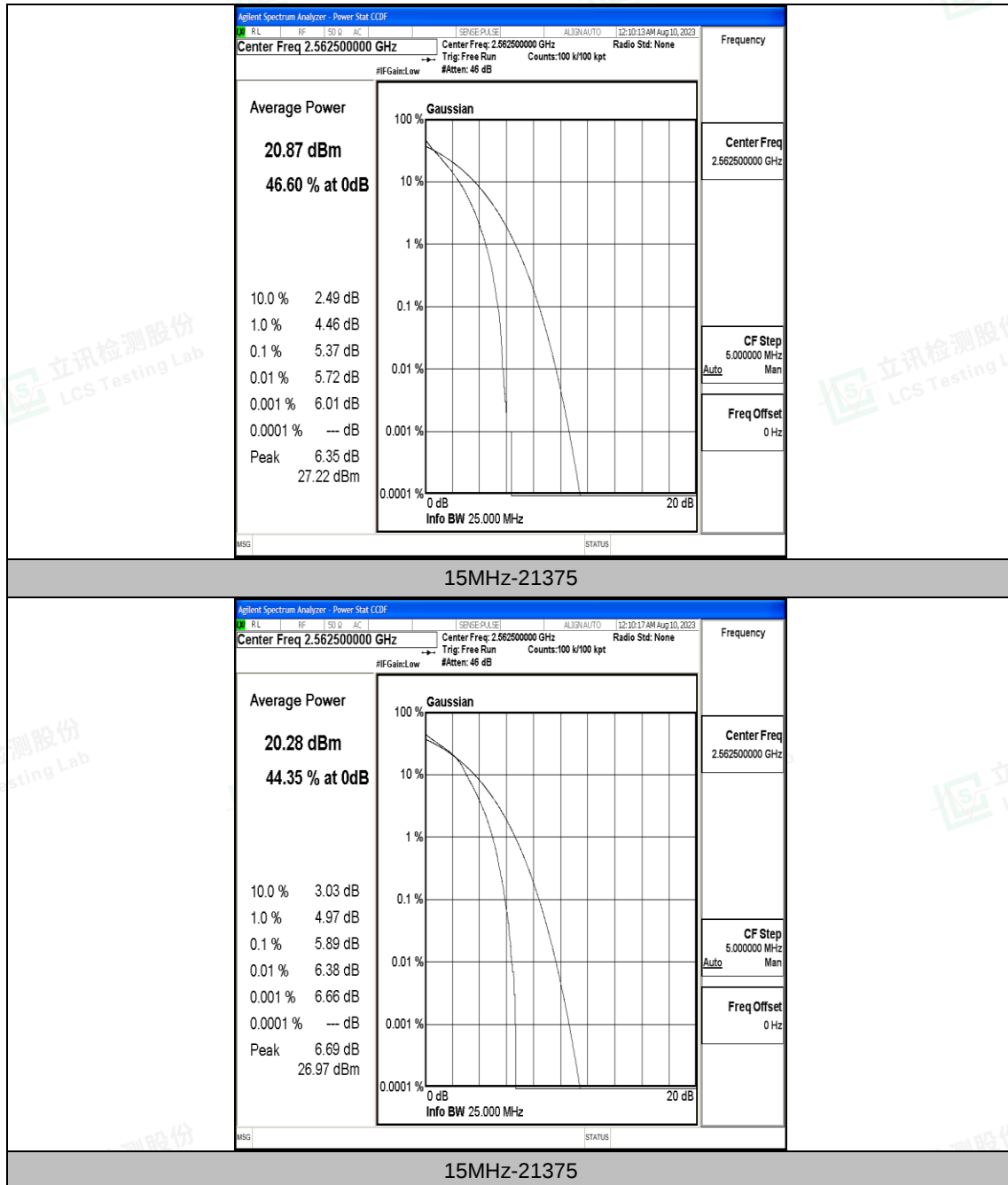


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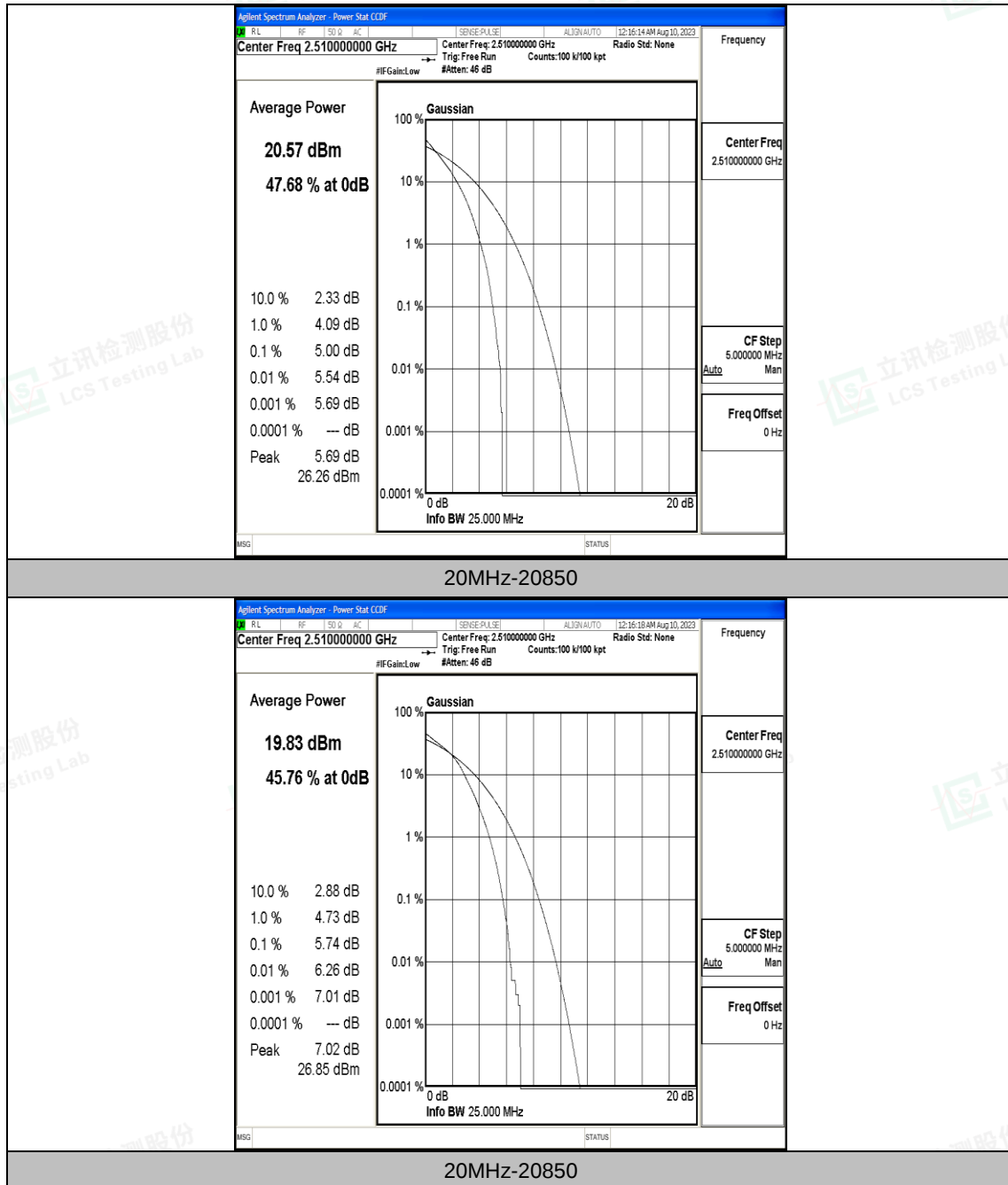


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Scan code to check authenticity

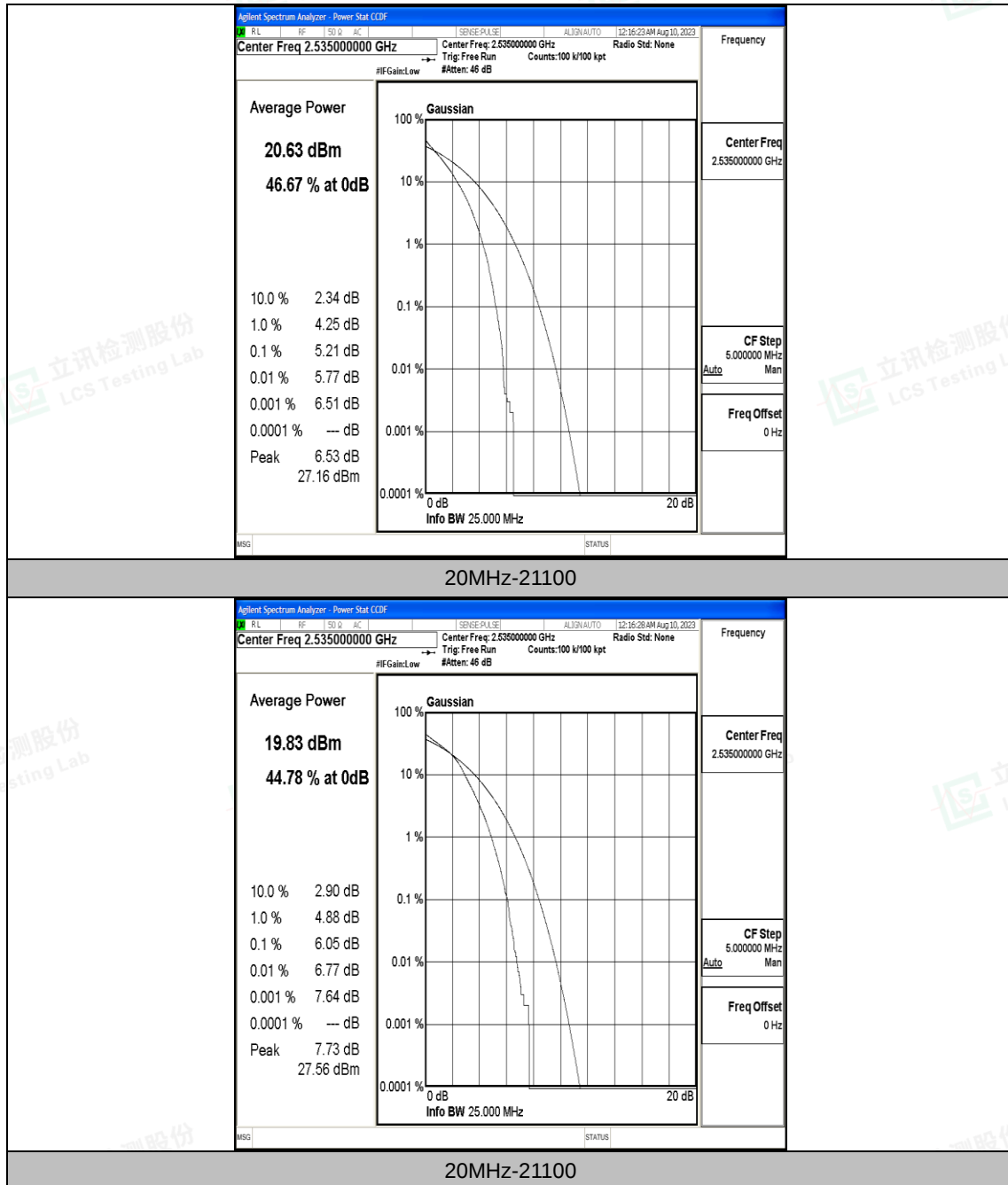


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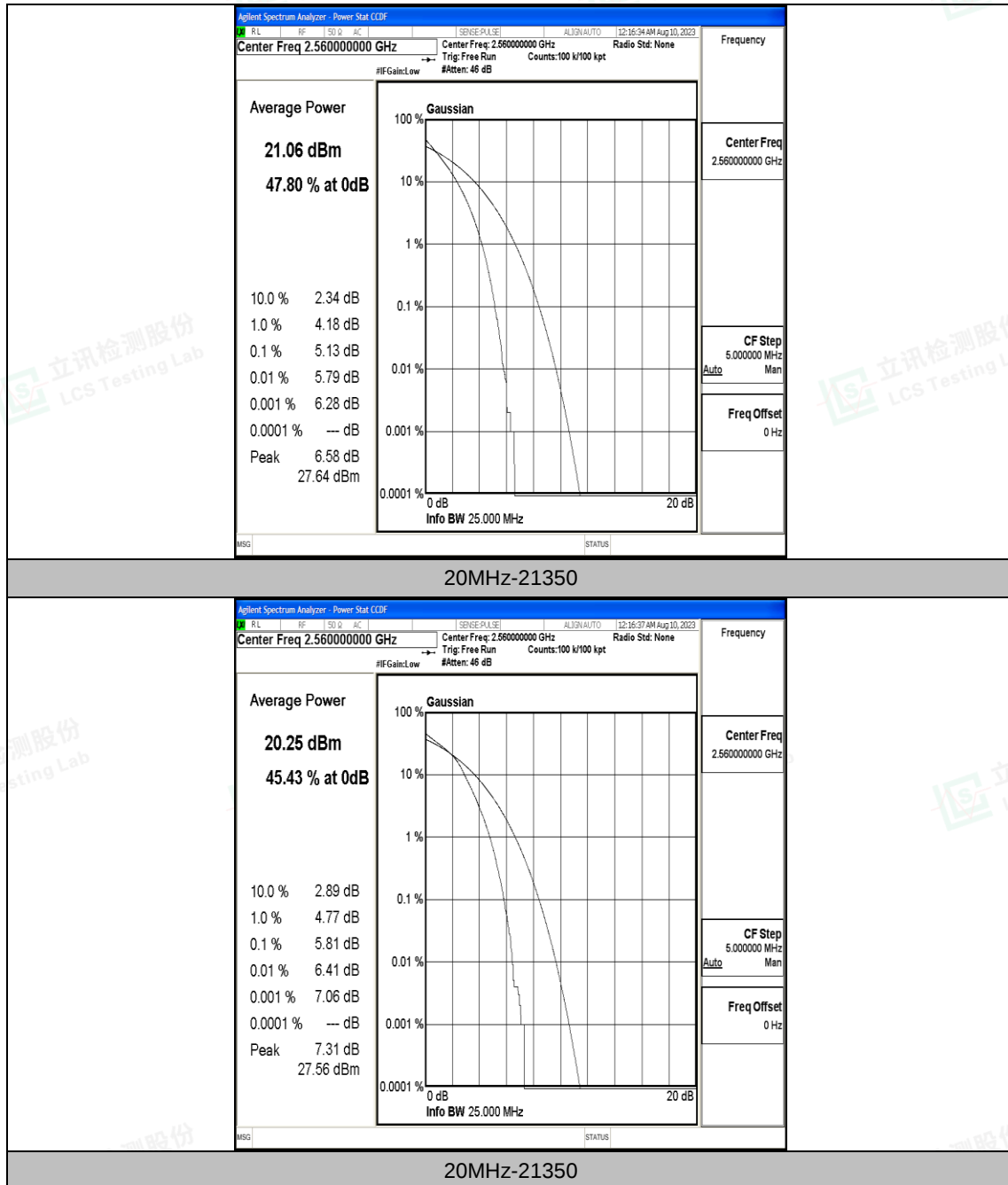


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G.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5419	5.425	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5133	5.224	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5342	5.301	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5181	5.252	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5102	5.471	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5387	5.365	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0153	10.11	PASS
Band7	10MHz	16QAM	20800	50RB#0	9.0171	10.23	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9970	10.13	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.0105	10.07	PASS
Band7	10MHz	QPSK	21400	50RB#0	9.0025	10.35	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0116	10.49	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.507	15.45	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.495	14.96	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.506	15.37	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.496	15.05	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.511	15.65	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.521	14.91	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.001	20.17	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.026	20.39	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.969	19.86	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.986	19.95	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.015	19.97	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.010	19.96	PASS



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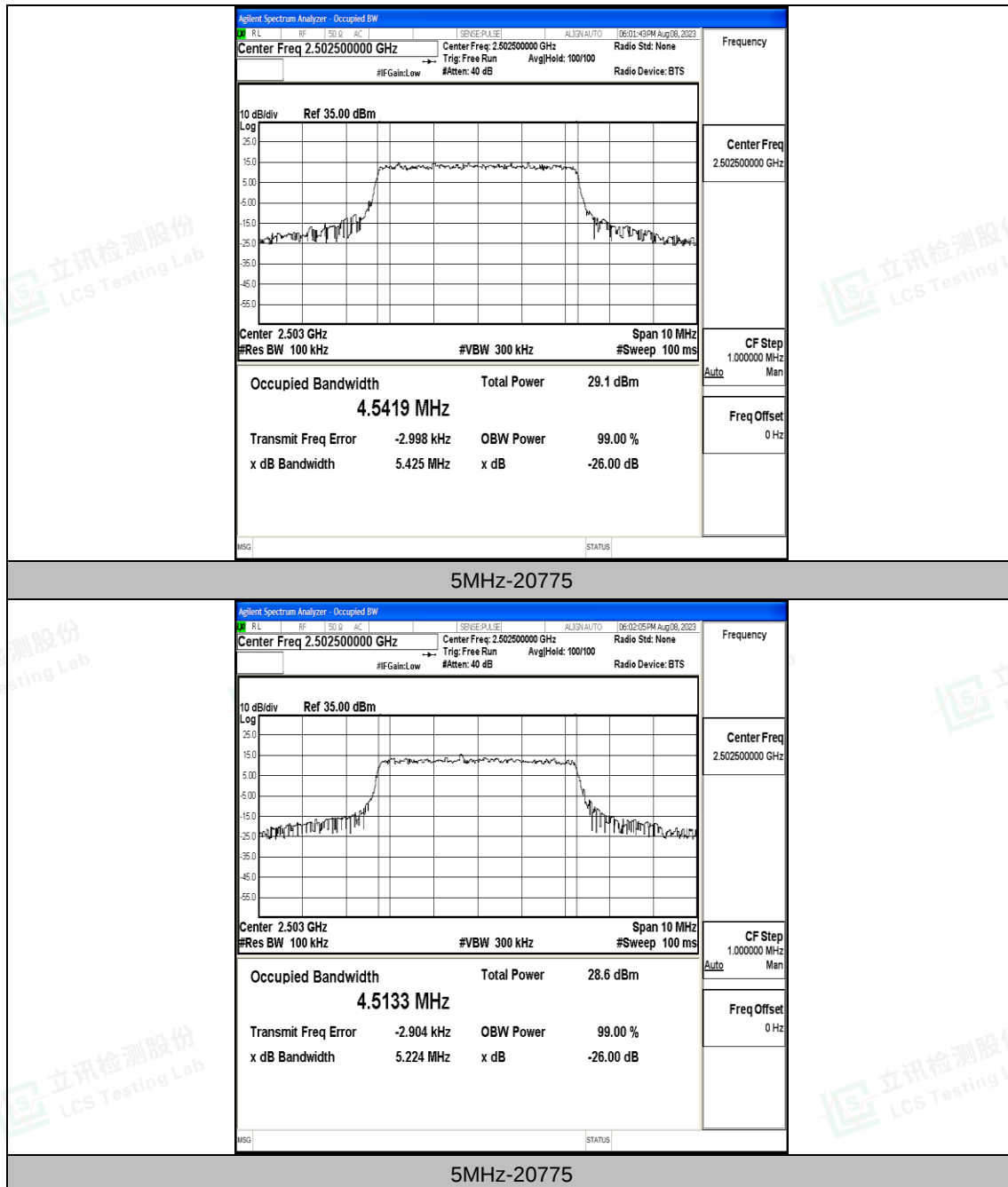
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Test Graphs

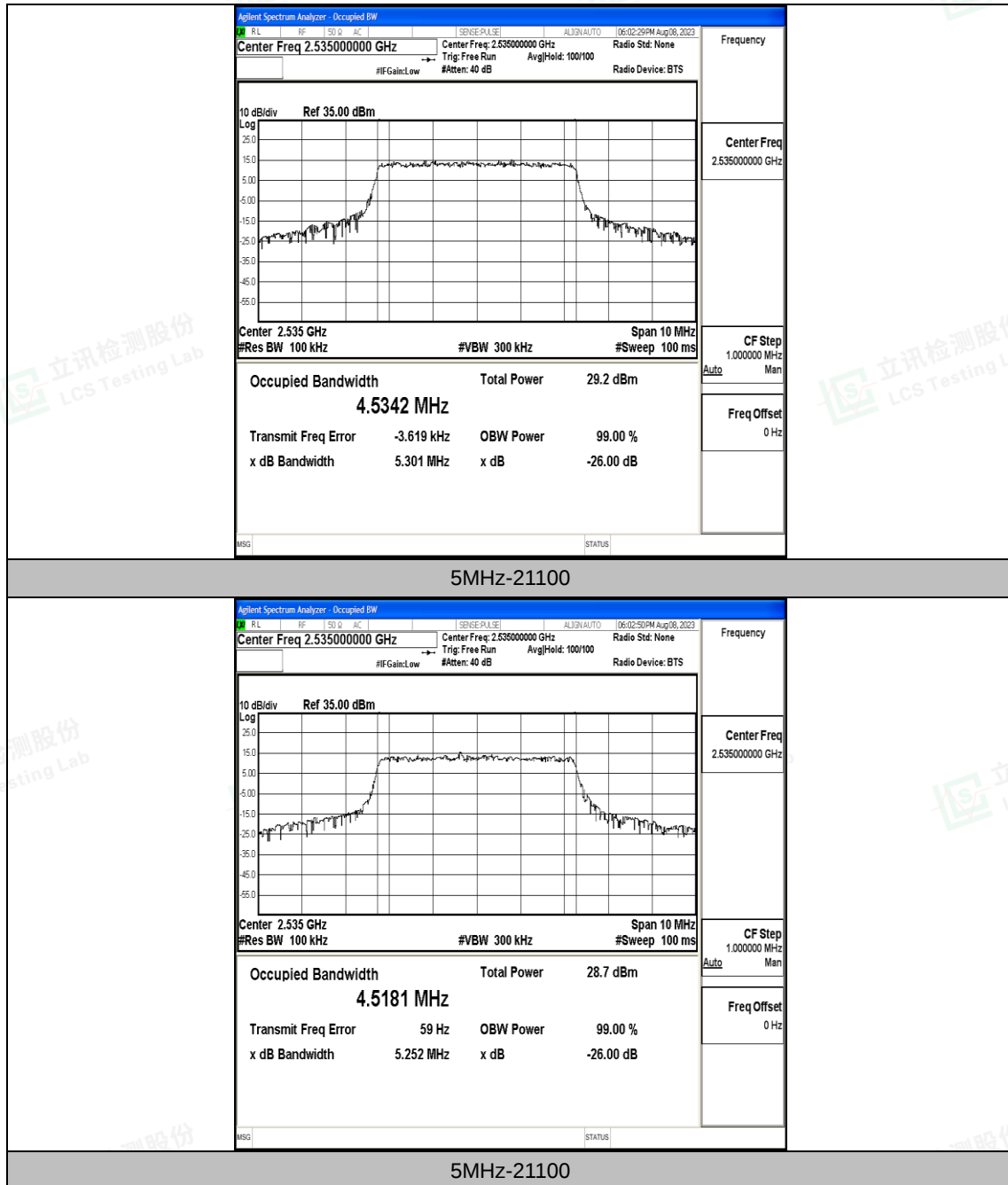


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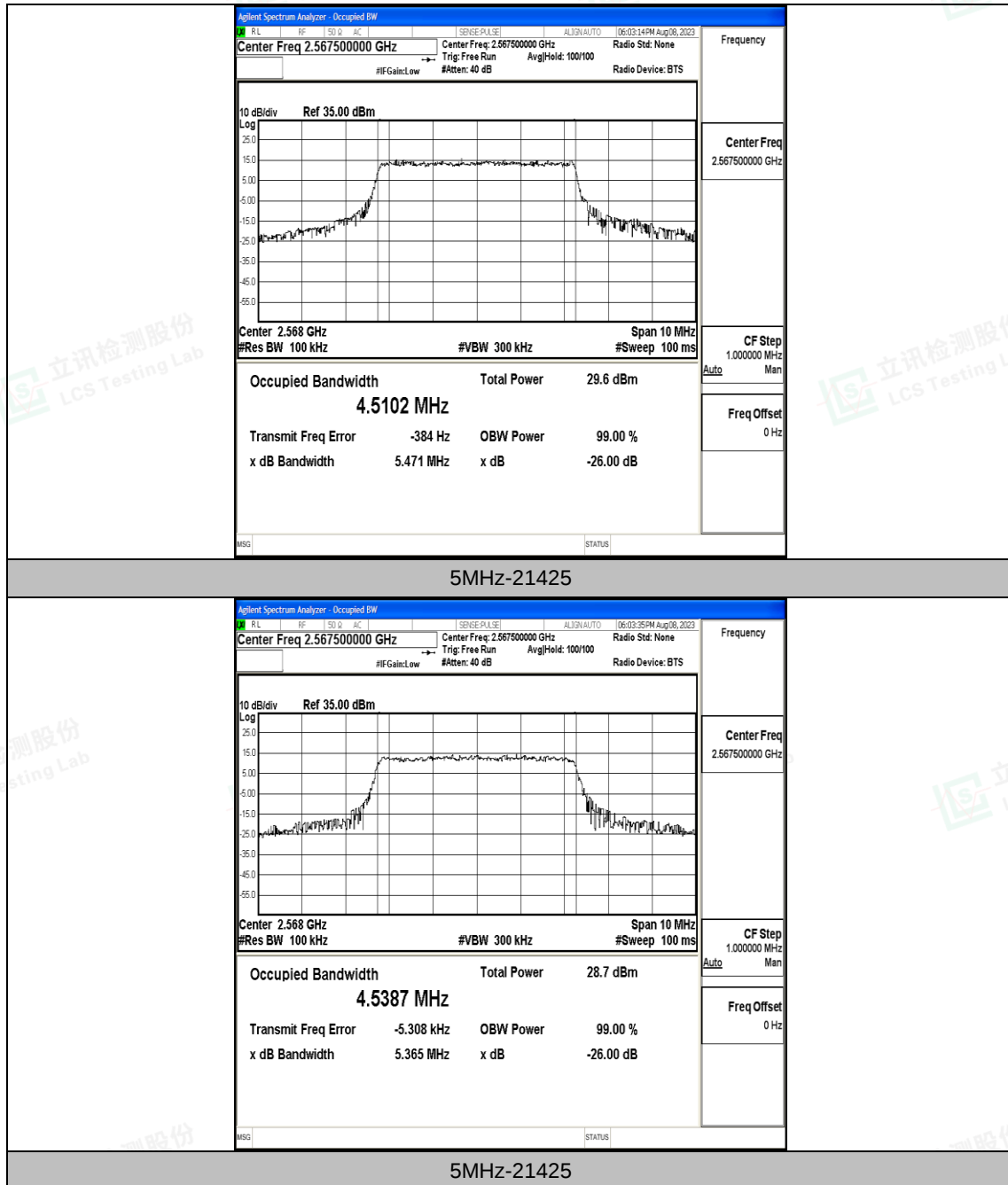


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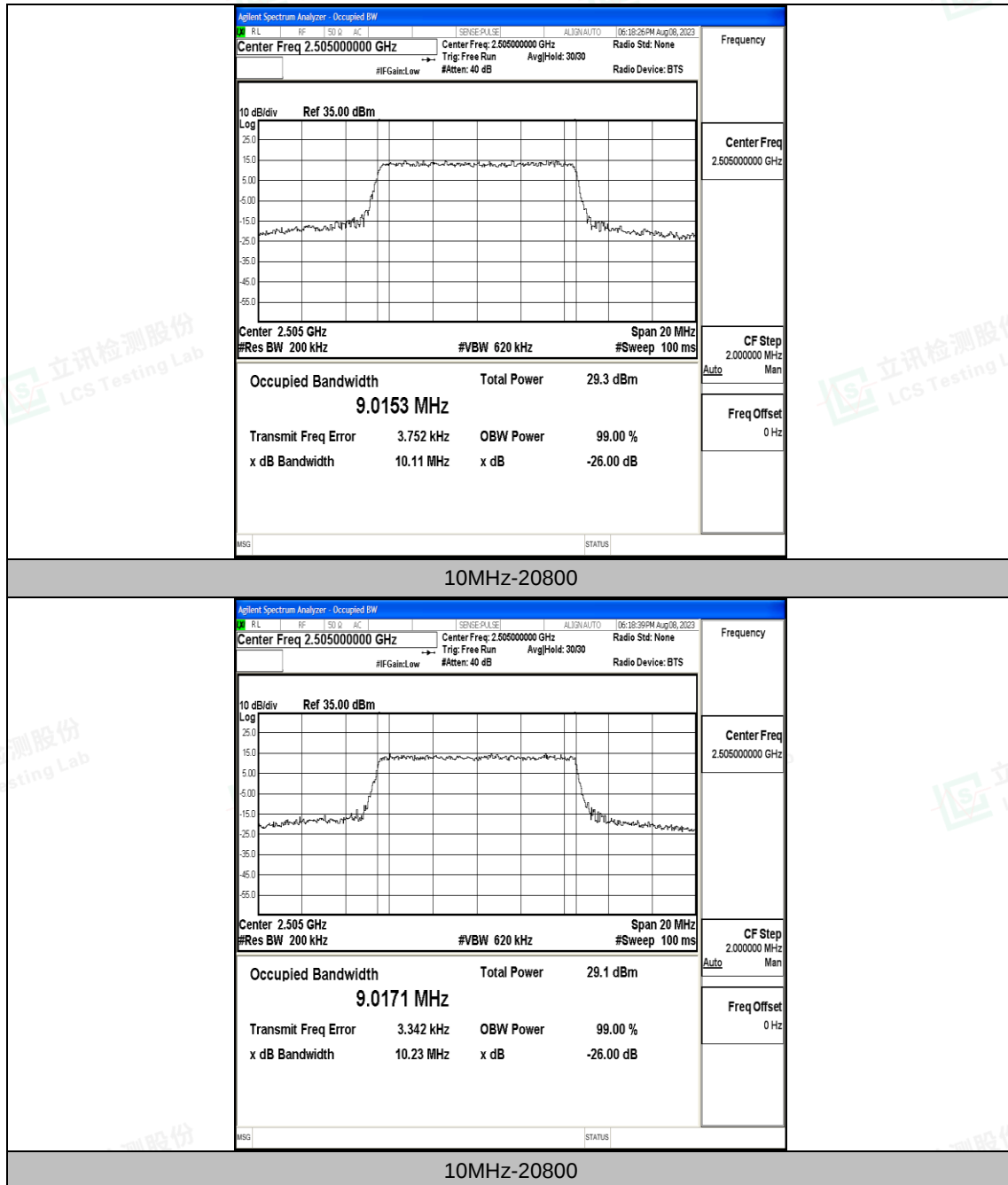


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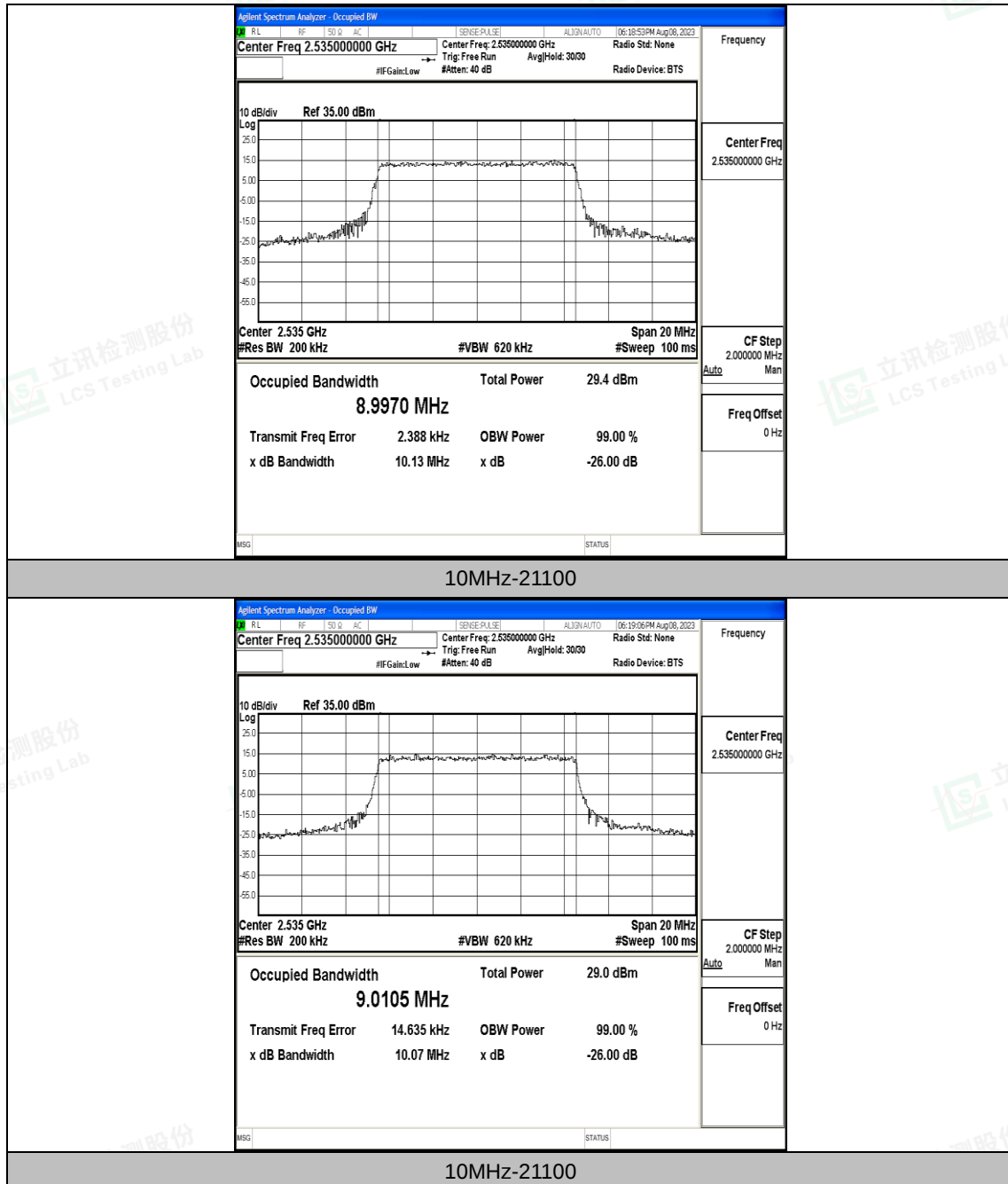


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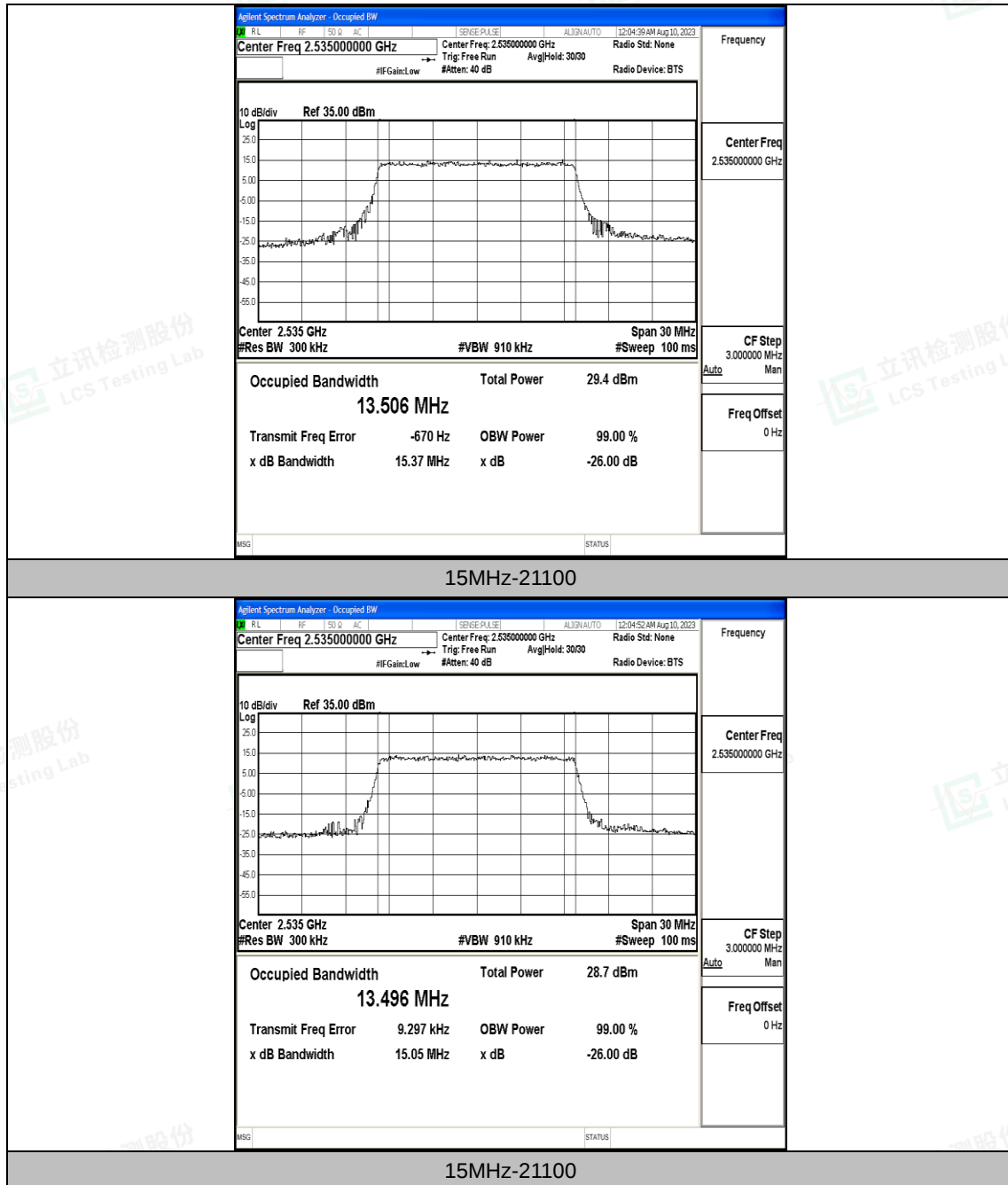


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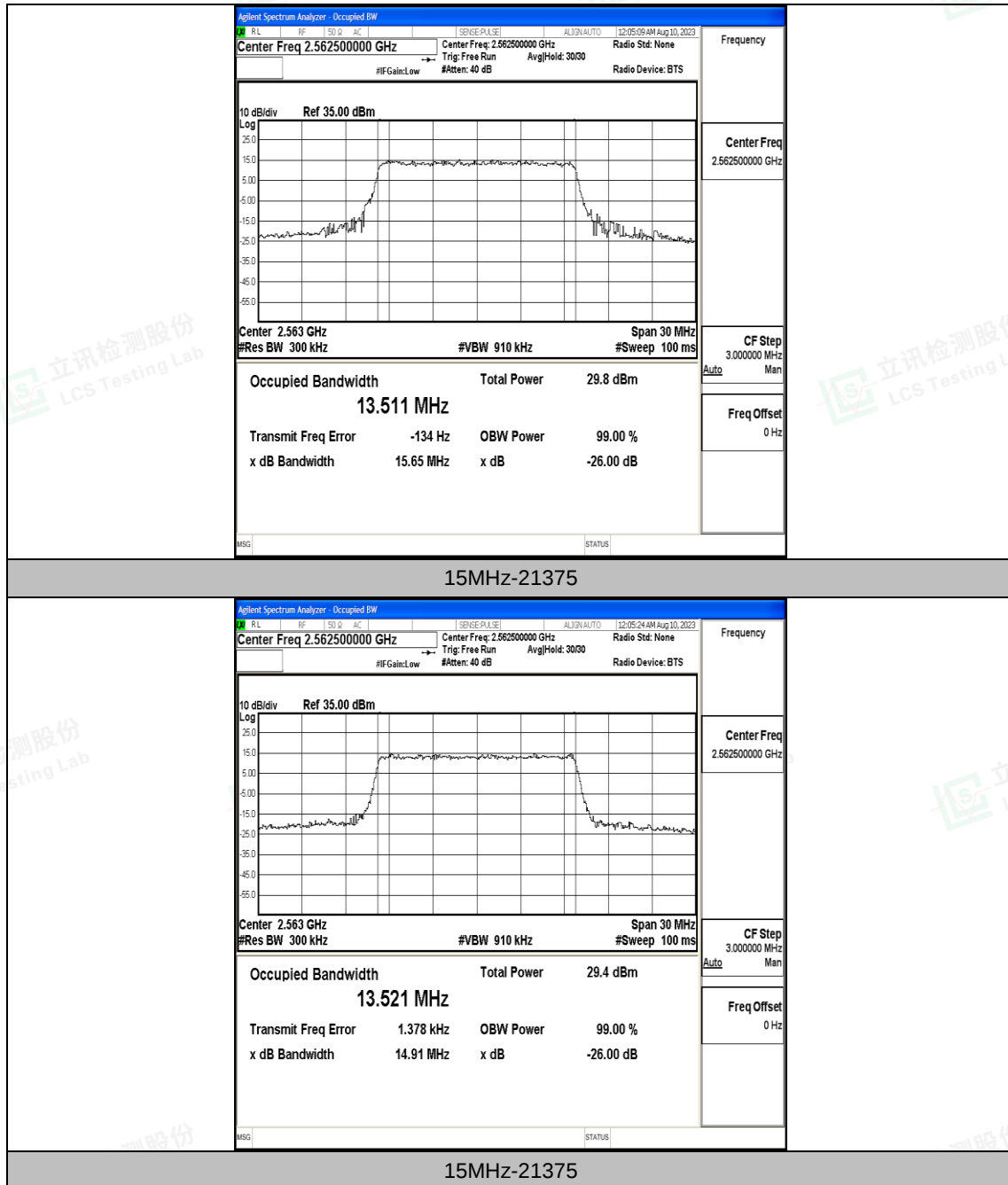


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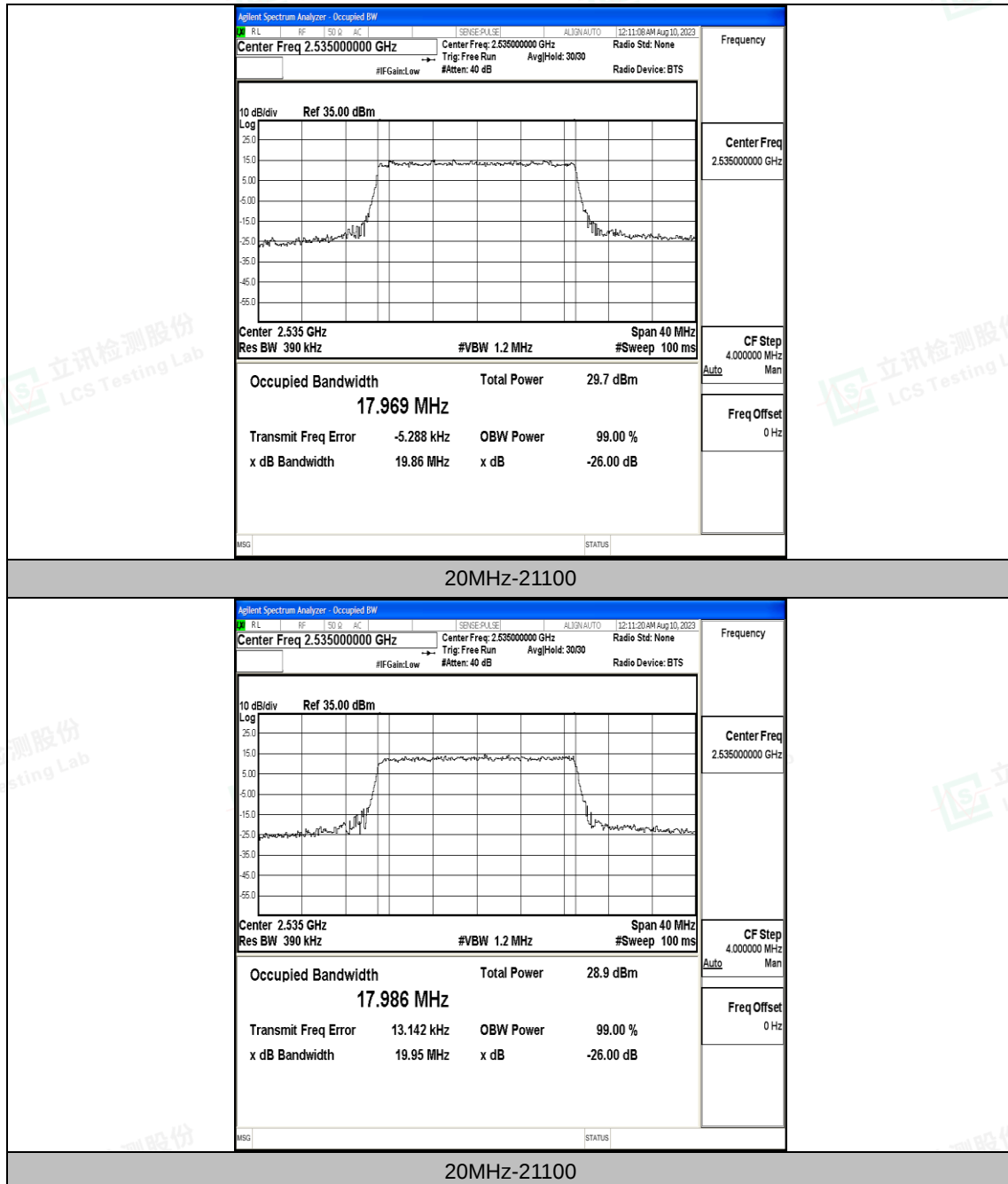


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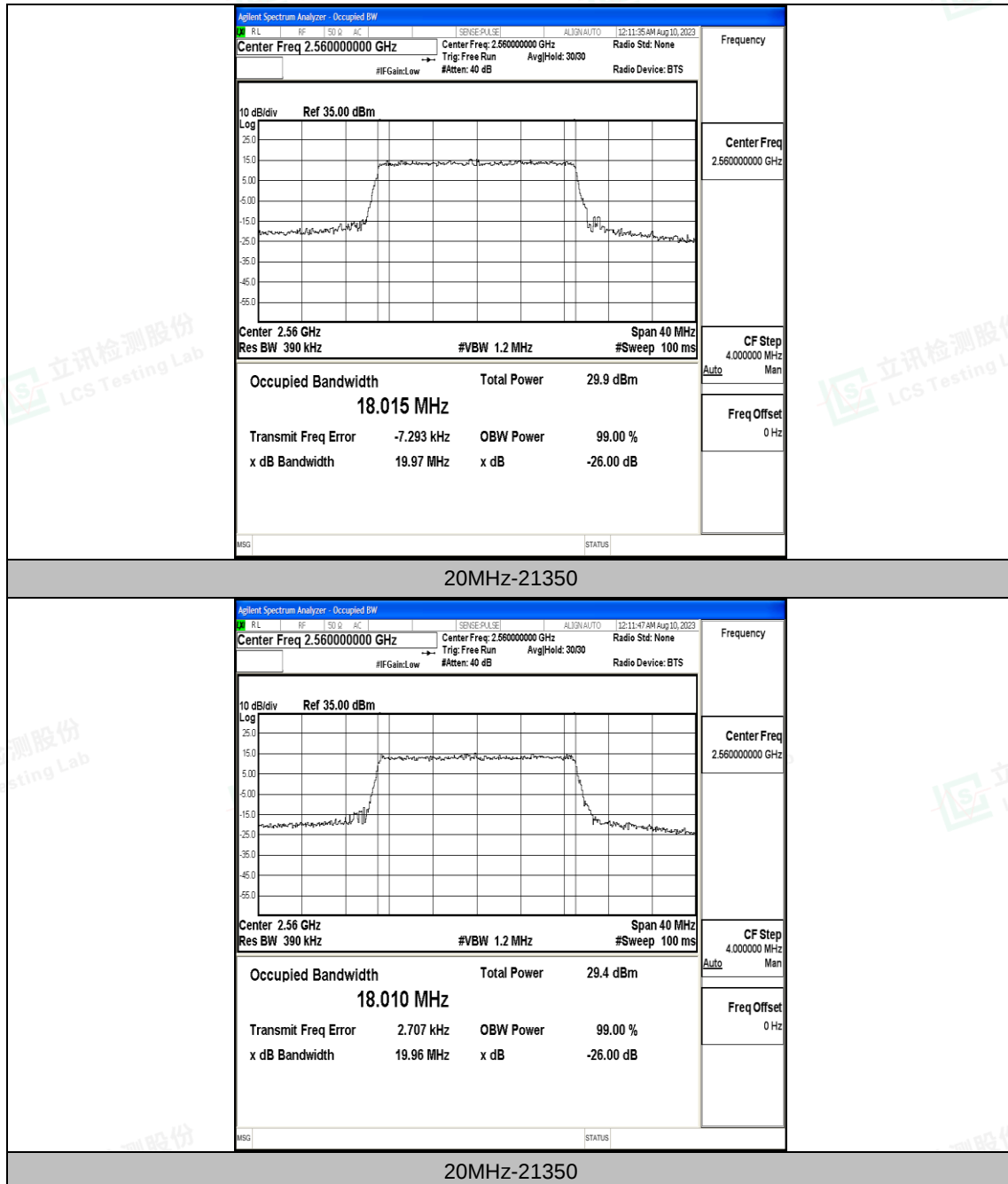


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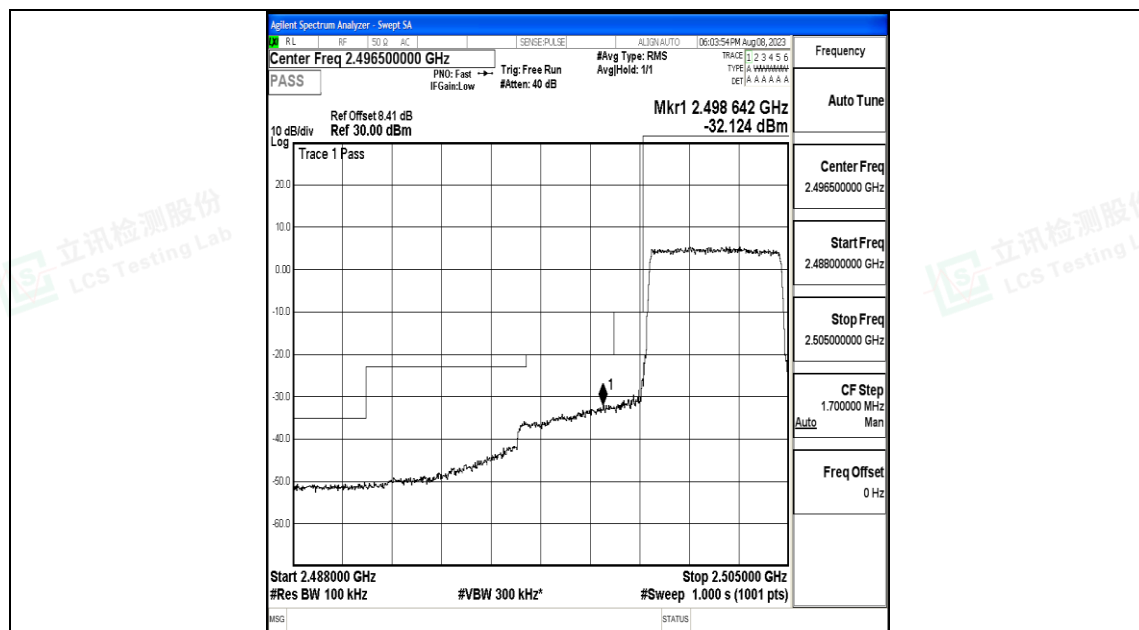


G.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	2498.64	-32.12	PASS
Band7	5MHz	16QAM	20775	25RB#0	2499.00	-31.39	PASS
Band7	5MHz	QPSK	21425	25RB#0	2576.18	-43.33	PASS
Band7	5MHz	16QAM	21425	25RB#0	2576.04	-42.56	PASS
Band7	10MHz	QPSK	20800	50RB#0	2489.83	-42.22	PASS
Band7	10MHz	16QAM	20800	50RB#0	2489.98	-41.71	PASS
Band7	10MHz	QPSK	21400	50RB#0	2580.03	-42.12	PASS
Band7	10MHz	16QAM	21400	50RB#0	2580.03	-40.38	PASS
Band7	15MHz	QPSK	20825	75RB#0	2493.76	-29.32	PASS
Band7	15MHz	16QAM	20825	75RB#0	2484.80	-41.94	PASS
Band7	15MHz	QPSK	21375	75RB#0	2585.14	-40.44	PASS
Band7	15MHz	16QAM	21375	75RB#0	2585.14	-39.96	PASS
Band7	20MHz	QPSK	20850	100RB#0	2494.98	-28.32	PASS
Band7	20MHz	16QAM	20850	100RB#0	2493.99	-28.70	PASS
Band7	20MHz	QPSK	21350	100RB#0	2590.05	-42.81	PASS
Band7	20MHz	16QAM	21350	100RB#0	2590.01	-41.72	PASS

Test Graphs

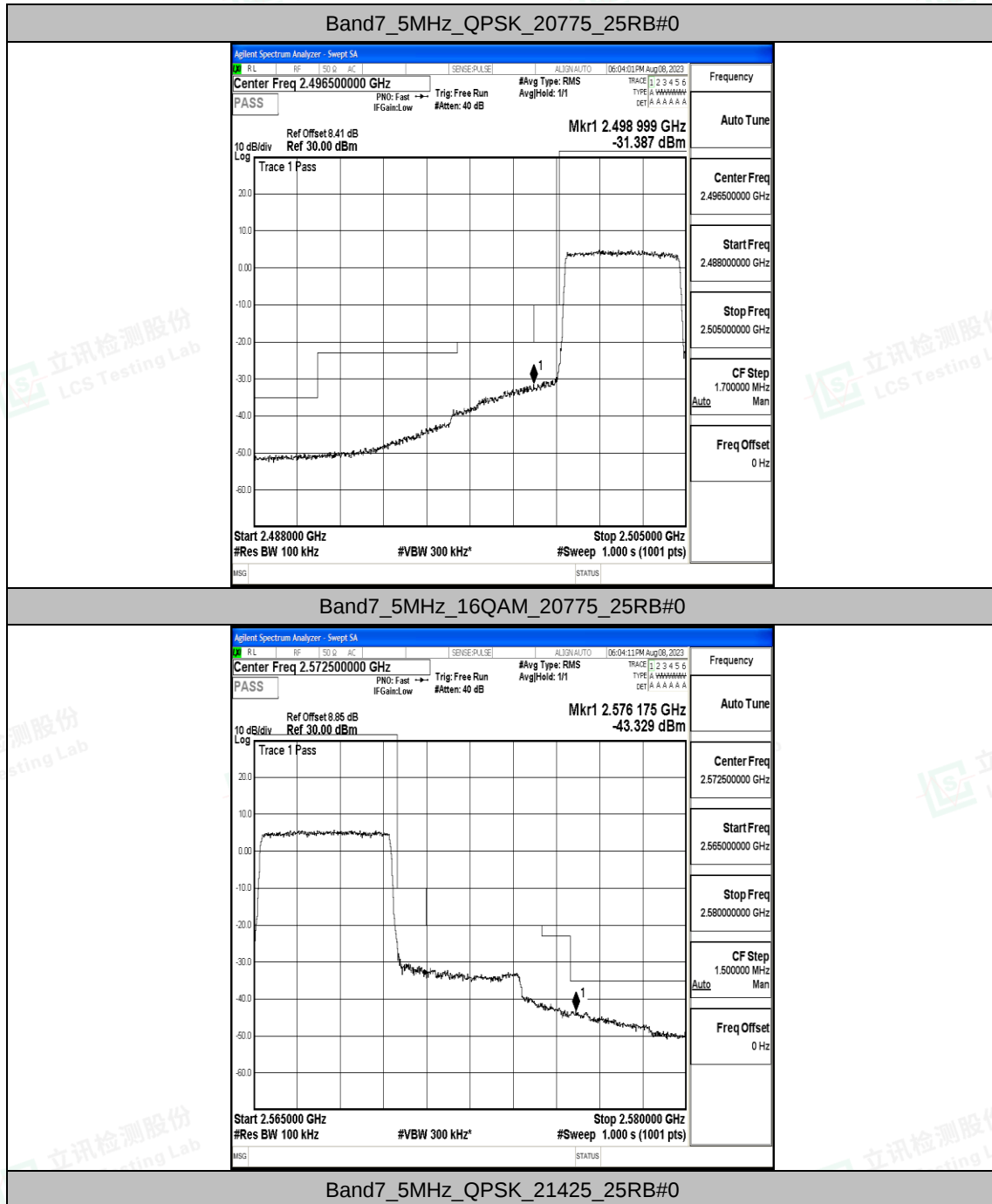


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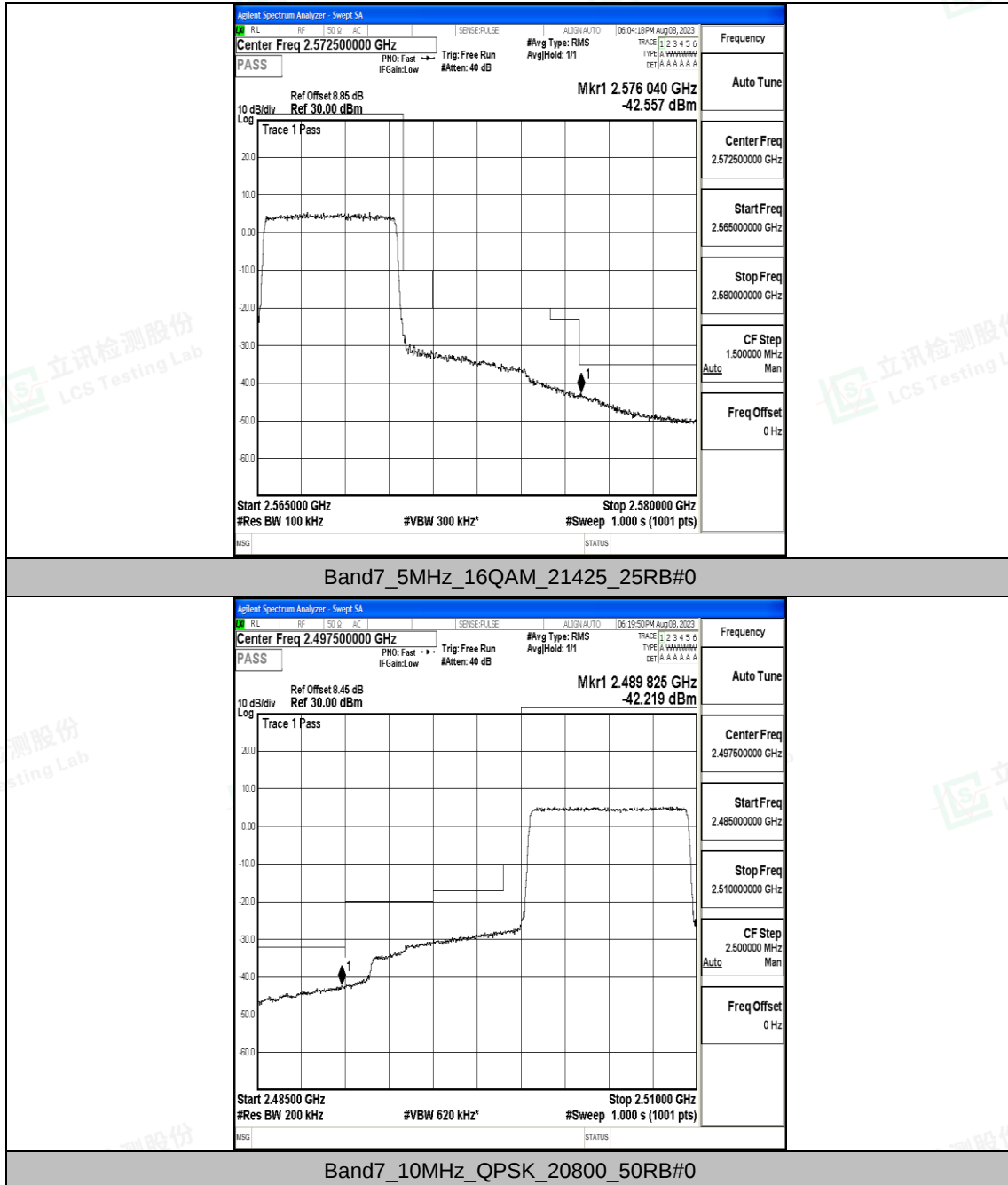


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