



Appendix F: Test Data for E-UTRA Band 2

Product Name: Smartphone

Test Model: Hyline Pro

Environmental Conditions

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



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F.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	20.50	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	19.92	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	20.52	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	19.97	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	20.49	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	19.92	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	20.29	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	19.14	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	20.27	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	19.11	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	20.32	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	19.15	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	19.26	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	18.51	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	21.01	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	20.39	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	21.03	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	20.41	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	21.14	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	20.51	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	20.72	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	19.66	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	20.67	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	19.64	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	20.79	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	19.70	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	19.81	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	18.89	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	21.64	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.03	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	21.76	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.14	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	21.72	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.07	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	21.57	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	20.42	PASS



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Band2	1.4MHz	QPSK	19193	3RB#1	21.66	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	20.40	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	21.59	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	20.56	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	20.63	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	19.97	PASS
Band2	3MHz	QPSK	18615	1RB#0	20.33	PASS
Band2	3MHz	16QAM	18615	1RB#0	19.74	PASS
Band2	3MHz	QPSK	18615	1RB#8	20.48	PASS
Band2	3MHz	16QAM	18615	1RB#8	19.62	PASS
Band2	3MHz	QPSK	18615	1RB#14	20.48	PASS
Band2	3MHz	16QAM	18615	1RB#14	19.71	PASS
Band2	3MHz	QPSK	18615	8RB#0	19.46	PASS
Band2	3MHz	16QAM	18615	8RB#0	18.64	PASS
Band2	3MHz	QPSK	18615	8RB#4	19.47	PASS
Band2	3MHz	16QAM	18615	8RB#4	18.65	PASS
Band2	3MHz	QPSK	18615	8RB#7	19.41	PASS
Band2	3MHz	16QAM	18615	8RB#7	18.77	PASS
Band2	3MHz	QPSK	18615	15RB#0	19.44	PASS
Band2	3MHz	16QAM	18615	15RB#0	18.61	PASS
Band2	3MHz	QPSK	18900	1RB#0	21.01	PASS
Band2	3MHz	16QAM	18900	1RB#0	19.89	PASS
Band2	3MHz	QPSK	18900	1RB#8	21.12	PASS
Band2	3MHz	16QAM	18900	1RB#8	19.96	PASS
Band2	3MHz	QPSK	18900	1RB#14	21.18	PASS
Band2	3MHz	16QAM	18900	1RB#14	20.07	PASS
Band2	3MHz	QPSK	18900	8RB#0	19.92	PASS
Band2	3MHz	16QAM	18900	8RB#0	19.13	PASS
Band2	3MHz	QPSK	18900	8RB#4	19.92	PASS
Band2	3MHz	16QAM	18900	8RB#4	19.13	PASS
Band2	3MHz	QPSK	18900	8RB#7	19.99	PASS
Band2	3MHz	16QAM	18900	8RB#7	19.18	PASS
Band2	3MHz	QPSK	18900	15RB#0	19.93	PASS
Band2	3MHz	16QAM	18900	15RB#0	19.12	PASS
Band2	3MHz	QPSK	19185	1RB#0	21.57	PASS
Band2	3MHz	16QAM	19185	1RB#0	20.57	PASS
Band2	3MHz	QPSK	19185	1RB#8	21.38	PASS
Band2	3MHz	16QAM	19185	1RB#8	20.57	PASS
Band2	3MHz	QPSK	19185	1RB#14	21.39	PASS
Band2	3MHz	16QAM	19185	1RB#14	20.66	PASS



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Band2	3MHz	QPSK	19185	8RB#0	20.54	PASS
Band2	3MHz	16QAM	19185	8RB#0	19.75	PASS
Band2	3MHz	QPSK	19185	8RB#4	20.55	PASS
Band2	3MHz	16QAM	19185	8RB#4	19.75	PASS
Band2	3MHz	QPSK	19185	8RB#7	20.64	PASS
Band2	3MHz	16QAM	19185	8RB#7	19.86	PASS
Band2	3MHz	QPSK	19185	15RB#0	20.54	PASS
Band2	3MHz	16QAM	19185	15RB#0	19.71	PASS
Band2	5MHz	QPSK	18625	1RB#0	20.19	PASS
Band2	5MHz	16QAM	18625	1RB#0	18.68	PASS
Band2	5MHz	QPSK	18625	1RB#12	20.23	PASS
Band2	5MHz	16QAM	18625	1RB#12	18.84	PASS
Band2	5MHz	QPSK	18625	1RB#24	20.28	PASS
Band2	5MHz	16QAM	18625	1RB#24	18.72	PASS
Band2	5MHz	QPSK	18625	12RB#0	19.16	PASS
Band2	5MHz	16QAM	18625	12RB#0	18.34	PASS
Band2	5MHz	QPSK	18625	12RB#6	19.17	PASS
Band2	5MHz	16QAM	18625	12RB#6	18.34	PASS
Band2	5MHz	QPSK	18625	12RB#13	19.26	PASS
Band2	5MHz	16QAM	18625	12RB#13	18.33	PASS
Band2	5MHz	QPSK	18625	25RB#0	19.12	PASS
Band2	5MHz	16QAM	18625	25RB#0	18.42	PASS
Band2	5MHz	QPSK	18900	1RB#0	20.62	PASS
Band2	5MHz	16QAM	18900	1RB#0	19.08	PASS
Band2	5MHz	QPSK	18900	1RB#12	20.79	PASS
Band2	5MHz	16QAM	18900	1RB#12	19.39	PASS
Band2	5MHz	QPSK	18900	1RB#24	20.92	PASS
Band2	5MHz	16QAM	18900	1RB#24	19.39	PASS
Band2	5MHz	QPSK	18900	12RB#0	19.71	PASS
Band2	5MHz	16QAM	18900	12RB#0	18.91	PASS
Band2	5MHz	QPSK	18900	12RB#6	19.72	PASS
Band2	5MHz	16QAM	18900	12RB#6	18.91	PASS
Band2	5MHz	QPSK	18900	12RB#13	19.81	PASS
Band2	5MHz	16QAM	18900	12RB#13	19.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	19.78	PASS
Band2	5MHz	16QAM	18900	25RB#0	19.07	PASS
Band2	5MHz	QPSK	19175	1RB#0	21.44	PASS
Band2	5MHz	16QAM	19175	1RB#0	19.91	PASS
Band2	5MHz	QPSK	19175	1RB#12	21.43	PASS
Band2	5MHz	16QAM	19175	1RB#12	20.11	PASS



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Band2	5MHz	QPSK	19175	1RB#24	21.51	PASS
Band2	5MHz	16QAM	19175	1RB#24	20.06	PASS
Band2	5MHz	QPSK	19175	12RB#0	20.59	PASS
Band2	5MHz	16QAM	19175	12RB#0	19.67	PASS
Band2	5MHz	QPSK	19175	12RB#6	20.60	PASS
Band2	5MHz	16QAM	19175	12RB#6	19.66	PASS
Band2	5MHz	QPSK	19175	12RB#13	20.68	PASS
Band2	5MHz	16QAM	19175	12RB#13	19.74	PASS
Band2	5MHz	QPSK	19175	25RB#0	20.54	PASS
Band2	5MHz	16QAM	19175	25RB#0	19.75	PASS
Band2	10MHz	QPSK	18650	1RB#0	20.15	PASS
Band2	10MHz	16QAM	18650	1RB#0	19.48	PASS
Band2	10MHz	QPSK	18650	1RB#24	20.15	PASS
Band2	10MHz	16QAM	18650	1RB#24	19.55	PASS
Band2	10MHz	QPSK	18650	1RB#49	20.22	PASS
Band2	10MHz	16QAM	18650	1RB#49	19.49	PASS
Band2	10MHz	QPSK	18650	25RB#0	19.20	PASS
Band2	10MHz	16QAM	18650	25RB#0	18.39	PASS
Band2	10MHz	QPSK	18650	25RB#12	19.32	PASS
Band2	10MHz	16QAM	18650	25RB#12	18.39	PASS
Band2	10MHz	QPSK	18650	25RB#25	19.29	PASS
Band2	10MHz	16QAM	18650	25RB#25	18.34	PASS
Band2	10MHz	QPSK	18650	50RB#0	19.14	PASS
Band2	10MHz	16QAM	18650	50RB#0	18.43	PASS
Band2	10MHz	QPSK	18900	1RB#0	20.46	PASS
Band2	10MHz	16QAM	18900	1RB#0	19.85	PASS
Band2	10MHz	QPSK	18900	1RB#24	20.63	PASS
Band2	10MHz	16QAM	18900	1RB#24	19.95	PASS
Band2	10MHz	QPSK	18900	1RB#49	20.83	PASS
Band2	10MHz	16QAM	18900	1RB#49	20.14	PASS
Band2	10MHz	QPSK	18900	25RB#0	19.78	PASS
Band2	10MHz	16QAM	18900	25RB#0	18.85	PASS
Band2	10MHz	QPSK	18900	25RB#12	19.78	PASS
Band2	10MHz	16QAM	18900	25RB#12	18.85	PASS
Band2	10MHz	QPSK	18900	25RB#25	19.96	PASS
Band2	10MHz	16QAM	18900	25RB#25	19.02	PASS
Band2	10MHz	QPSK	18900	50RB#0	19.73	PASS
Band2	10MHz	16QAM	18900	50RB#0	19.01	PASS
Band2	10MHz	QPSK	19150	1RB#0	21.10	PASS
Band2	10MHz	16QAM	19150	1RB#0	20.38	PASS



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Band2	10MHz	QPSK	19150	1RB#24	21.27	PASS
Band2	10MHz	16QAM	19150	1RB#24	20.51	PASS
Band2	10MHz	QPSK	19150	1RB#49	21.44	PASS
Band2	10MHz	16QAM	19150	1RB#49	20.66	PASS
Band2	10MHz	QPSK	19150	25RB#0	20.48	PASS
Band2	10MHz	16QAM	19150	25RB#0	19.56	PASS
Band2	10MHz	QPSK	19150	25RB#12	20.41	PASS
Band2	10MHz	16QAM	19150	25RB#12	19.56	PASS
Band2	10MHz	QPSK	19150	25RB#25	20.68	PASS
Band2	10MHz	16QAM	19150	25RB#25	19.64	PASS
Band2	10MHz	QPSK	19150	50RB#0	20.50	PASS
Band2	10MHz	16QAM	19150	50RB#0	19.66	PASS
Band2	15MHz	QPSK	18675	1RB#0	20.14	PASS
Band2	15MHz	16QAM	18675	1RB#0	19.51	PASS
Band2	15MHz	QPSK	18675	1RB#38	20.25	PASS
Band2	15MHz	16QAM	18675	1RB#38	19.52	PASS
Band2	15MHz	QPSK	18675	1RB#74	20.21	PASS
Band2	15MHz	16QAM	18675	1RB#74	19.55	PASS
Band2	15MHz	QPSK	18675	38RB#0	19.19	PASS
Band2	15MHz	16QAM	18675	38RB#0	19.31	PASS
Band2	15MHz	QPSK	18675	38RB#18	19.40	PASS
Band2	15MHz	16QAM	18675	38RB#18	19.26	PASS
Band2	15MHz	QPSK	18675	38RB#37	19.24	PASS
Band2	15MHz	16QAM	18675	38RB#37	19.16	PASS
Band2	15MHz	QPSK	18675	75RB#0	19.27	PASS
Band2	15MHz	16QAM	18675	75RB#0	18.44	PASS
Band2	15MHz	QPSK	18900	1RB#0	20.42	PASS
Band2	15MHz	16QAM	18900	1RB#0	19.84	PASS
Band2	15MHz	QPSK	18900	1RB#38	20.67	PASS
Band2	15MHz	16QAM	18900	1RB#38	20.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	20.90	PASS
Band2	15MHz	16QAM	18900	1RB#74	20.34	PASS
Band2	15MHz	QPSK	18900	38RB#0	19.80	PASS
Band2	15MHz	16QAM	18900	38RB#0	19.80	PASS
Band2	15MHz	QPSK	18900	38RB#18	19.80	PASS
Band2	15MHz	16QAM	18900	38RB#18	19.80	PASS
Band2	15MHz	QPSK	18900	38RB#37	19.80	PASS
Band2	15MHz	16QAM	18900	38RB#37	19.80	PASS
Band2	15MHz	QPSK	18900	75RB#0	19.80	PASS
Band2	15MHz	16QAM	18900	75RB#0	18.97	PASS



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Band2	15MHz	QPSK	19125	1RB#0	20.95	PASS
Band2	15MHz	16QAM	19125	1RB#0	20.35	PASS
Band2	15MHz	QPSK	19125	1RB#38	21.20	PASS
Band2	15MHz	16QAM	19125	1RB#38	20.54	PASS
Band2	15MHz	QPSK	19125	1RB#74	21.40	PASS
Band2	15MHz	16QAM	19125	1RB#74	20.77	PASS
Band2	15MHz	QPSK	19125	38RB#0	20.32	PASS
Band2	15MHz	16QAM	19125	38RB#0	20.44	PASS
Band2	15MHz	QPSK	19125	38RB#18	20.44	PASS
Band2	15MHz	16QAM	19125	38RB#18	20.44	PASS
Band2	15MHz	QPSK	19125	38RB#37	20.44	PASS
Band2	15MHz	16QAM	19125	38RB#37	20.43	PASS
Band2	15MHz	QPSK	19125	75RB#0	20.43	PASS
Band2	15MHz	16QAM	19125	75RB#0	19.49	PASS
Band2	20MHz	QPSK	18700	1RB#0	20.51	PASS
Band2	20MHz	16QAM	18700	1RB#0	19.51	PASS
Band2	20MHz	QPSK	18700	1RB#49	20.51	PASS
Band2	20MHz	16QAM	18700	1RB#49	19.57	PASS
Band2	20MHz	QPSK	18700	1RB#99	20.64	PASS
Band2	20MHz	16QAM	18700	1RB#99	19.65	PASS
Band2	20MHz	QPSK	18700	50RB#0	19.21	PASS
Band2	20MHz	16QAM	18700	50RB#0	18.49	PASS
Band2	20MHz	QPSK	18700	50RB#25	19.22	PASS
Band2	20MHz	16QAM	18700	50RB#25	18.49	PASS
Band2	20MHz	QPSK	18700	50RB#50	19.23	PASS
Band2	20MHz	16QAM	18700	50RB#50	18.55	PASS
Band2	20MHz	QPSK	18700	100RB#0	19.34	PASS
Band2	20MHz	16QAM	18700	100RB#0	18.54	PASS
Band2	20MHz	QPSK	18900	1RB#0	20.54	PASS
Band2	20MHz	16QAM	18900	1RB#0	19.58	PASS
Band2	20MHz	QPSK	18900	1RB#49	20.82	PASS
Band2	20MHz	16QAM	18900	1RB#49	19.89	PASS
Band2	20MHz	QPSK	18900	1RB#99	21.17	PASS
Band2	20MHz	16QAM	18900	1RB#99	20.20	PASS
Band2	20MHz	QPSK	18900	50RB#0	19.62	PASS
Band2	20MHz	16QAM	18900	50RB#0	18.80	PASS
Band2	20MHz	QPSK	18900	50RB#25	19.62	PASS
Band2	20MHz	16QAM	18900	50RB#25	18.81	PASS
Band2	20MHz	QPSK	18900	50RB#50	19.96	PASS
Band2	20MHz	16QAM	18900	50RB#50	19.14	PASS



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Band2	20MHz	QPSK	18900	100RB#0	19.81	PASS
Band2	20MHz	16QAM	18900	100RB#0	18.88	PASS
Band2	20MHz	QPSK	19100	1RB#0	21.17	PASS
Band2	20MHz	16QAM	19100	1RB#0	20.20	PASS
Band2	20MHz	QPSK	19100	1RB#49	21.30	PASS
Band2	20MHz	16QAM	19100	1RB#49	20.32	PASS
Band2	20MHz	QPSK	19100	1RB#99	21.67	PASS
Band2	20MHz	16QAM	19100	1RB#99	20.62	PASS
Band2	20MHz	QPSK	19100	50RB#0	20.14	PASS
Band2	20MHz	16QAM	19100	50RB#0	19.42	PASS
Band2	20MHz	QPSK	19100	50RB#25	20.15	PASS
Band2	20MHz	16QAM	19100	50RB#25	19.42	PASS
Band2	20MHz	QPSK	19100	50RB#50	20.53	PASS
Band2	20MHz	16QAM	19100	50RB#50	19.63	PASS
Band2	20MHz	QPSK	19100	100RB#0	20.41	PASS
Band2	20MHz	16QAM	19100	100RB#0	19.46	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	5.10	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.64	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	4.63	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	5.40	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.36	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	4.92	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.11	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.65	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	4.62	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	5.34	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	4.21	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.13	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.96	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.66	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.54	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	5.35	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.21	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	5.01	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.09	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	5.84	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	4.60	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	5.37	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	4.32	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	5.03	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.53	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.04	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.10	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	5.63	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	4.80	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	5.41	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.33	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.22	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.08	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.77	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	4.87	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.59	13	PASS



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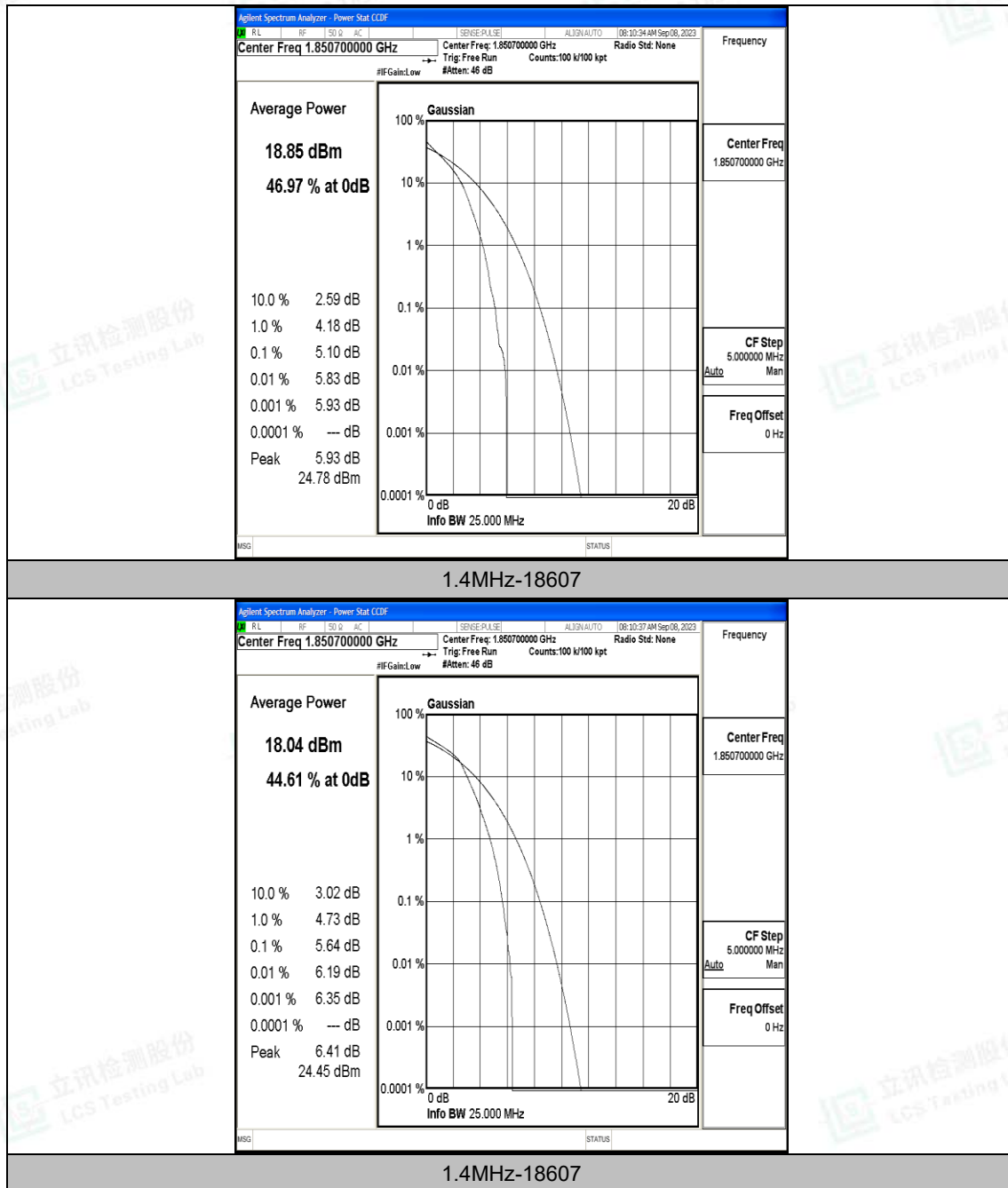
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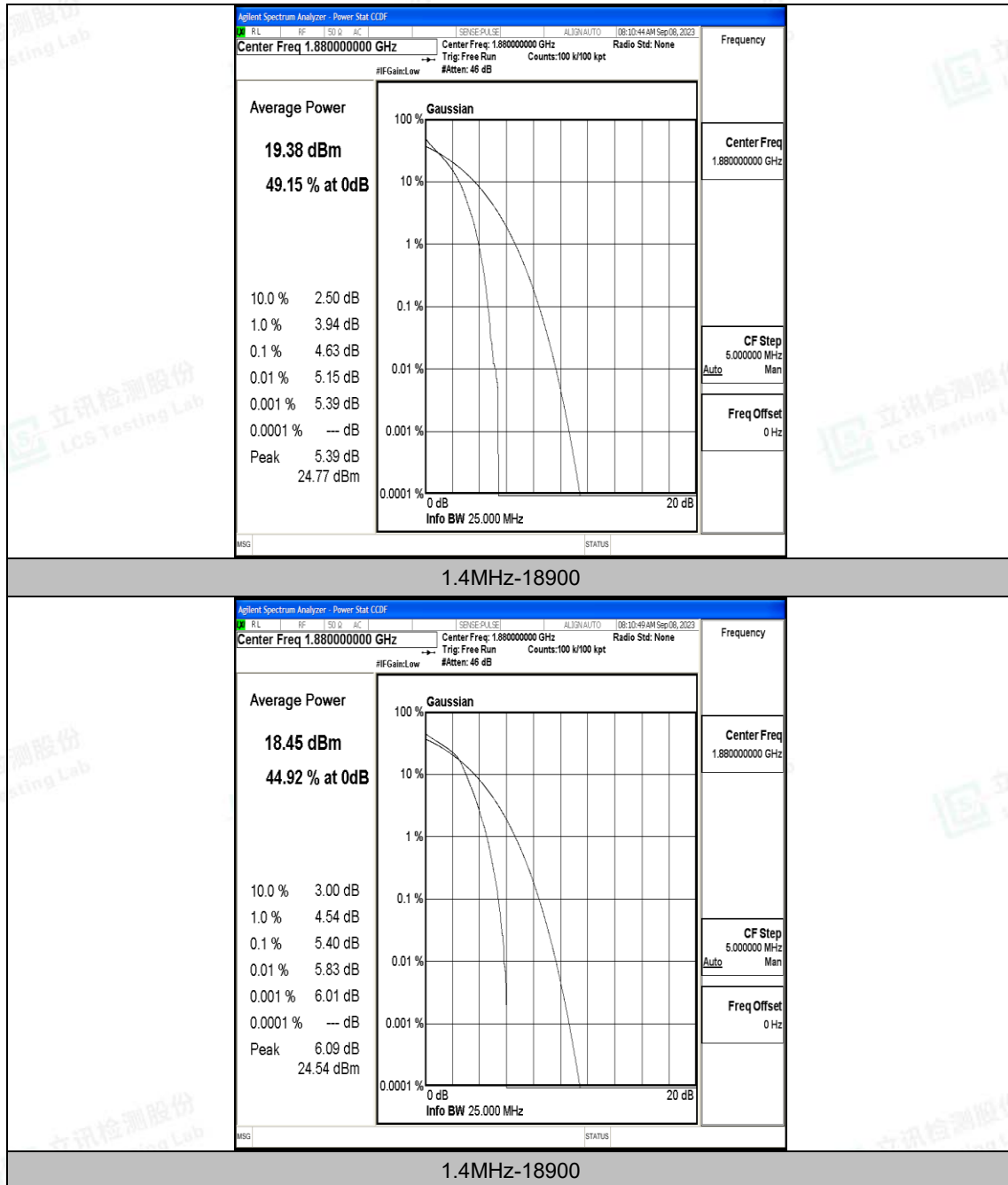
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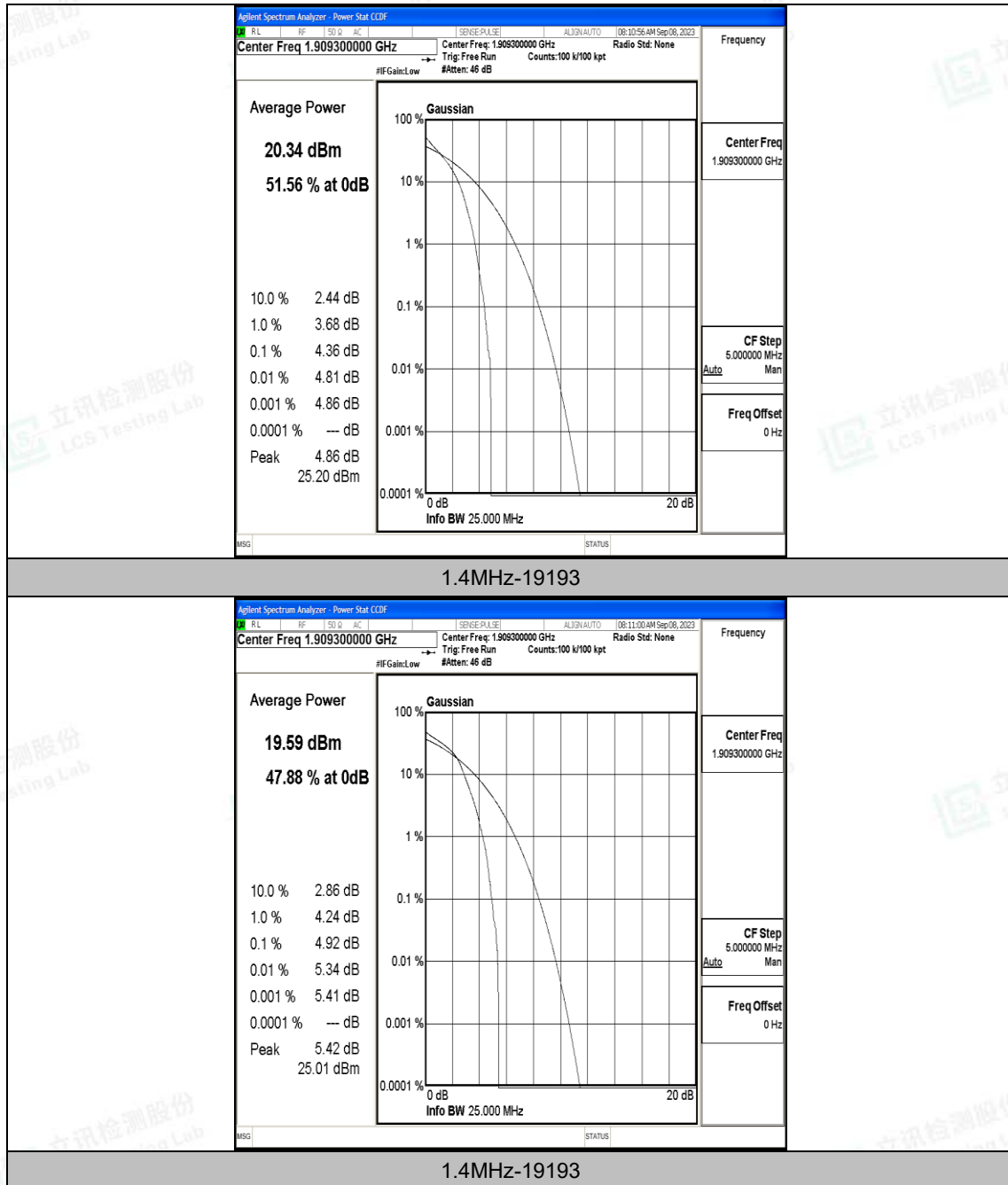
Scan code to check authenticity



Test Graphs





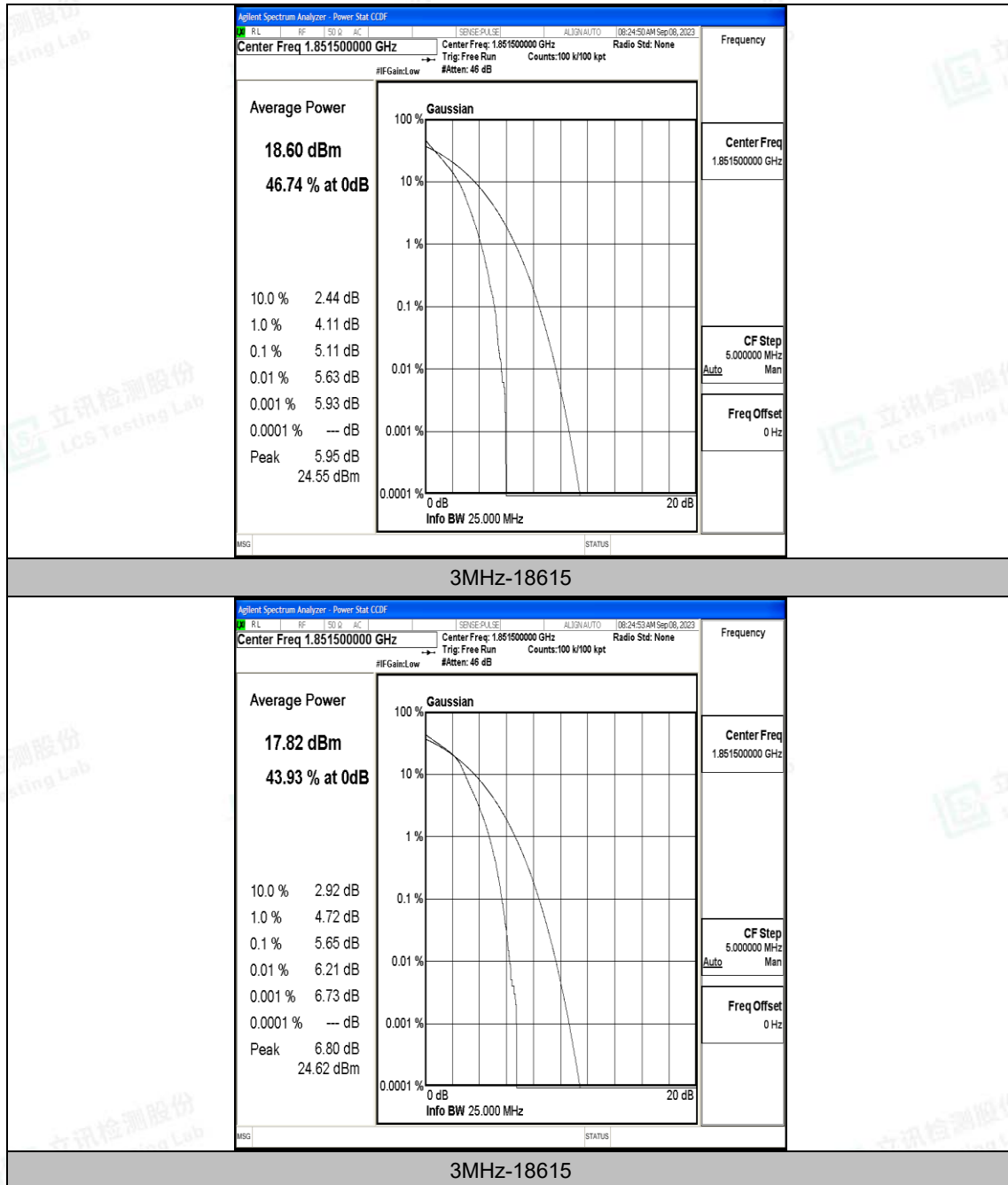


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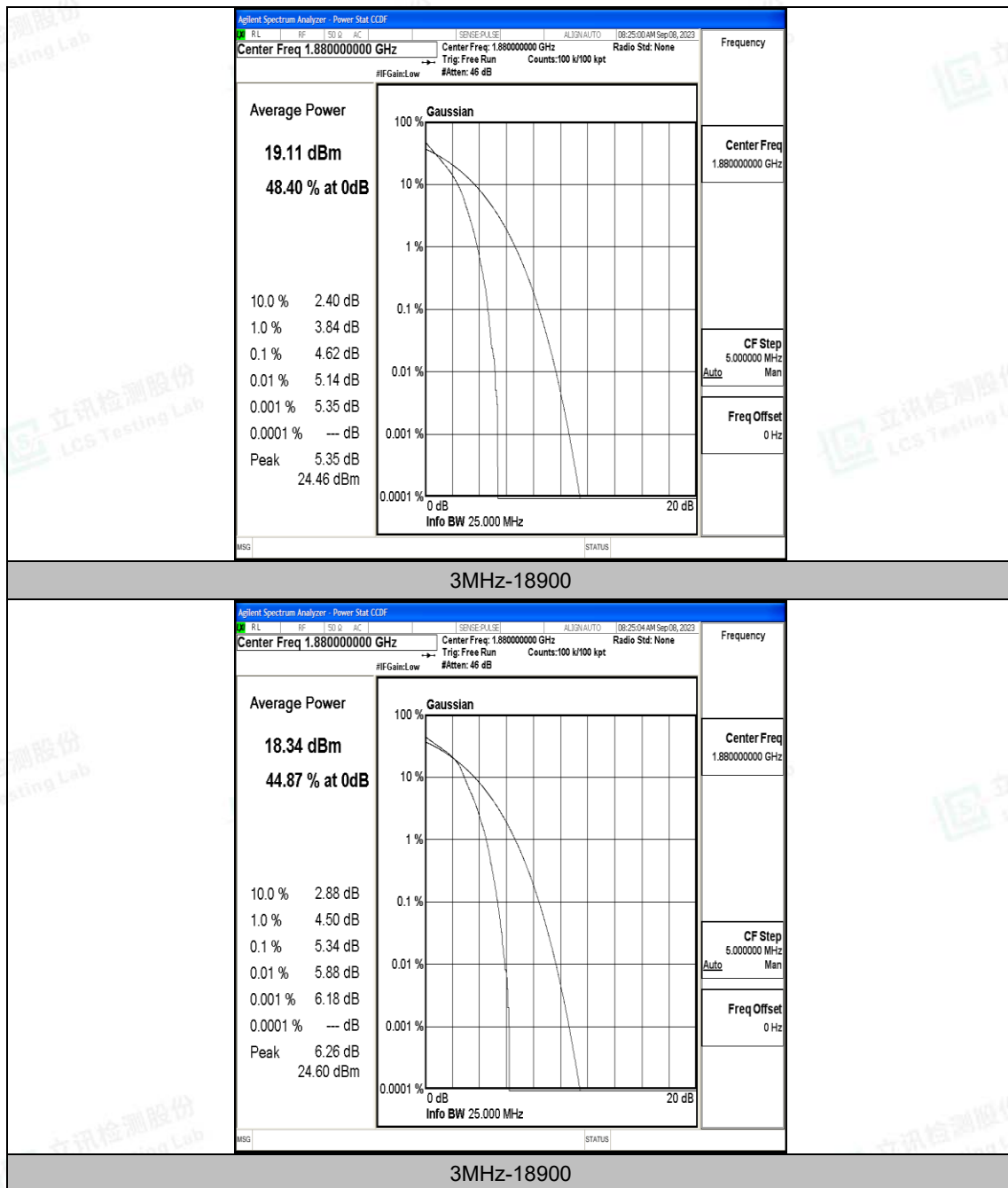


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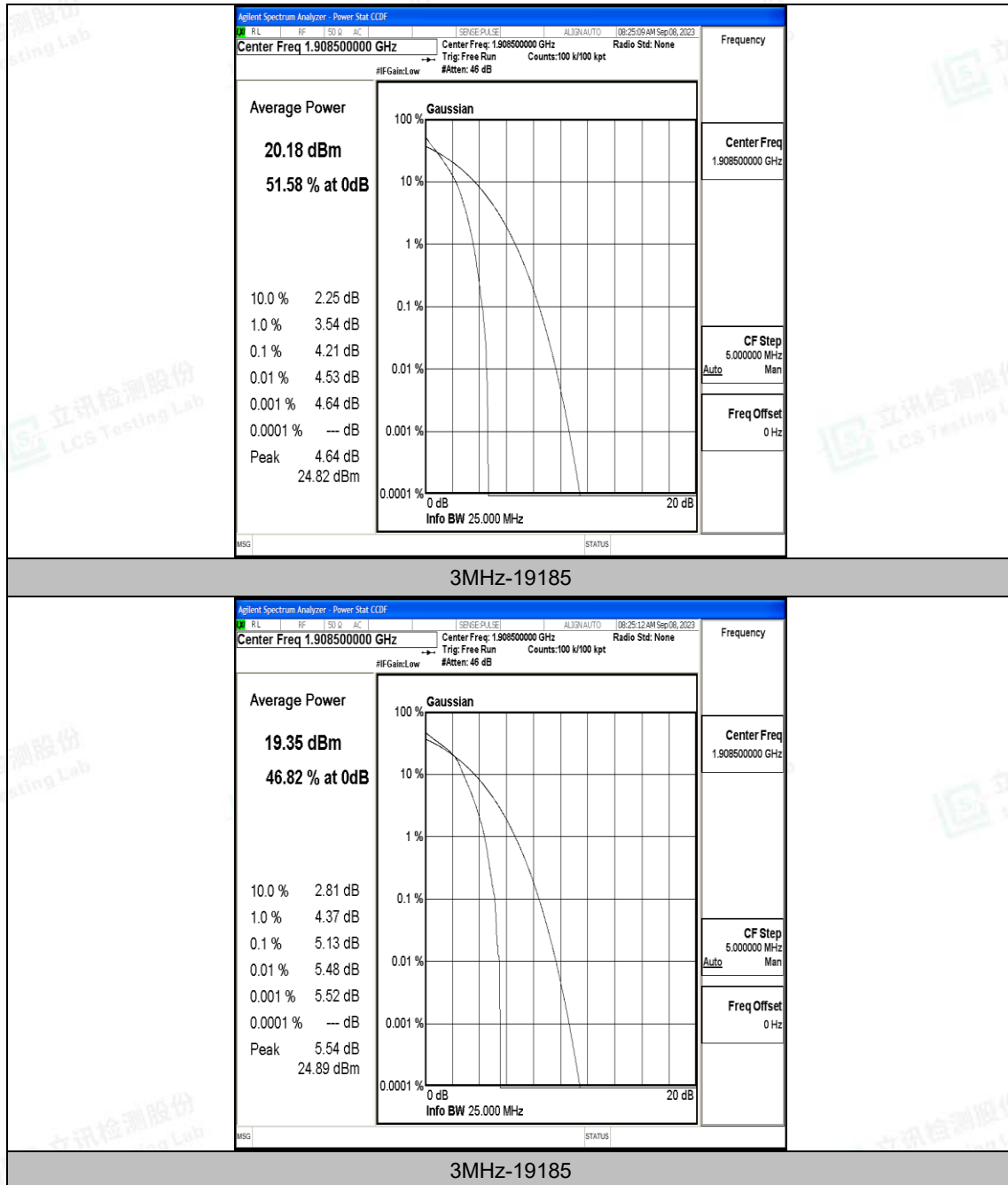


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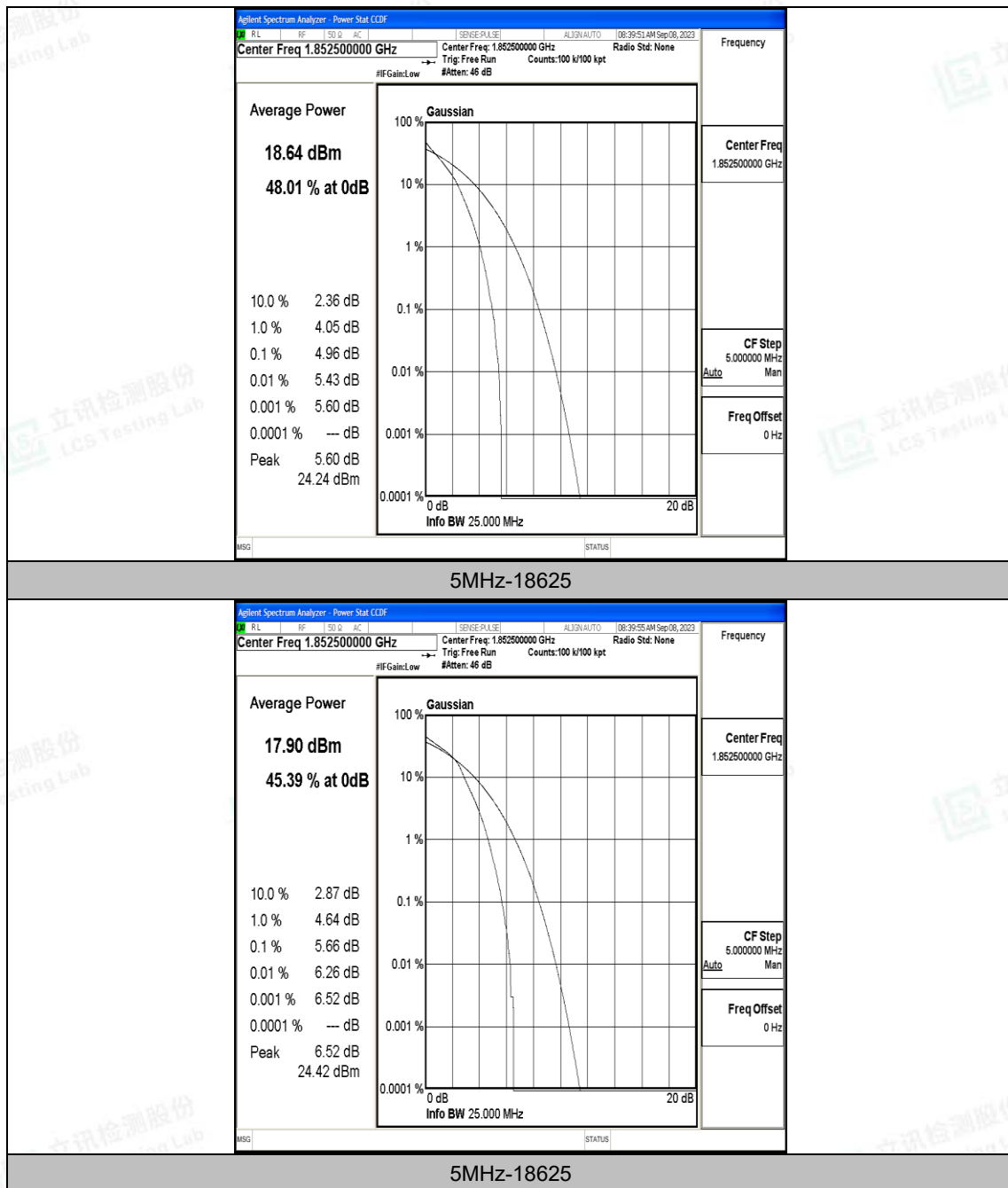


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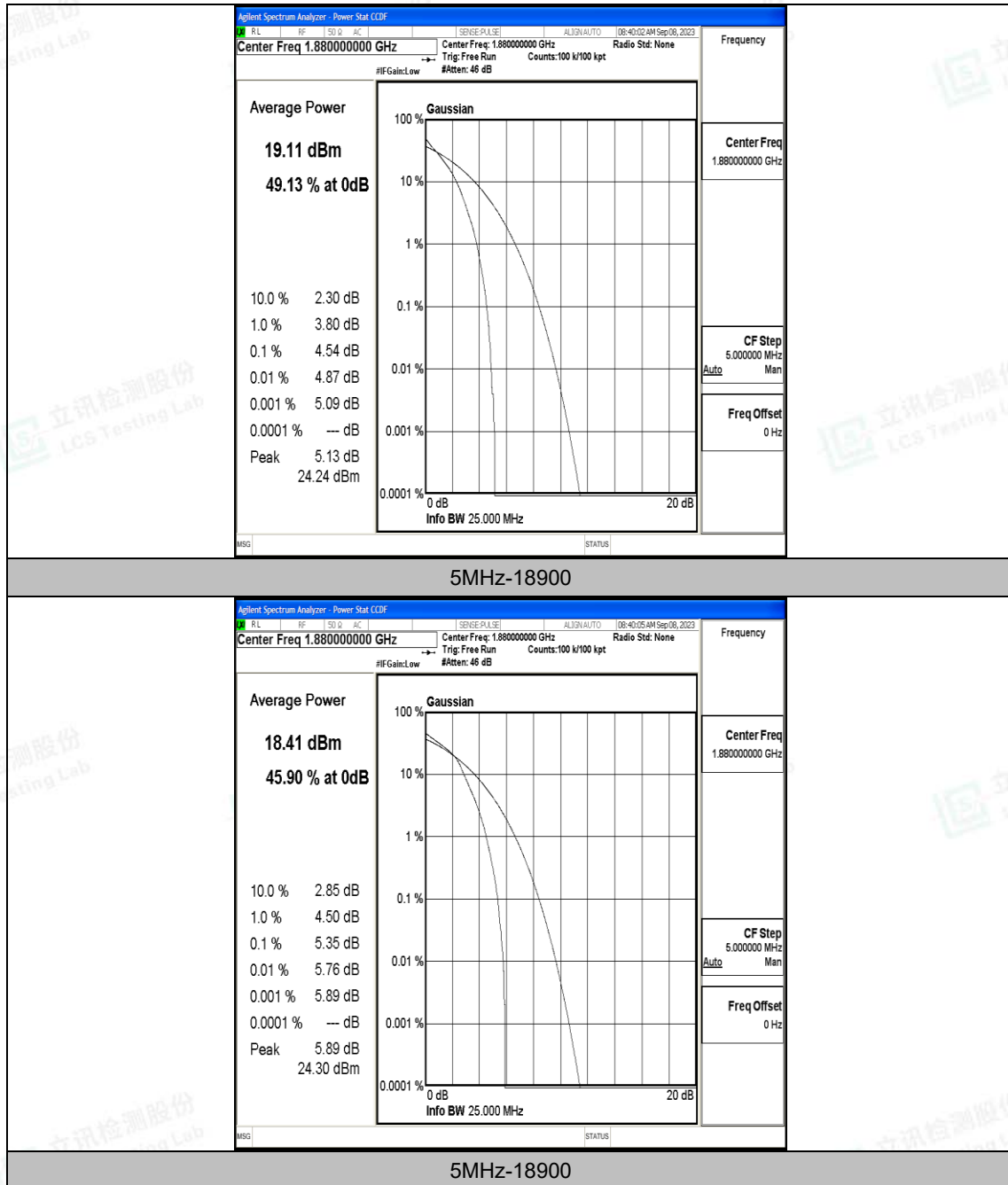


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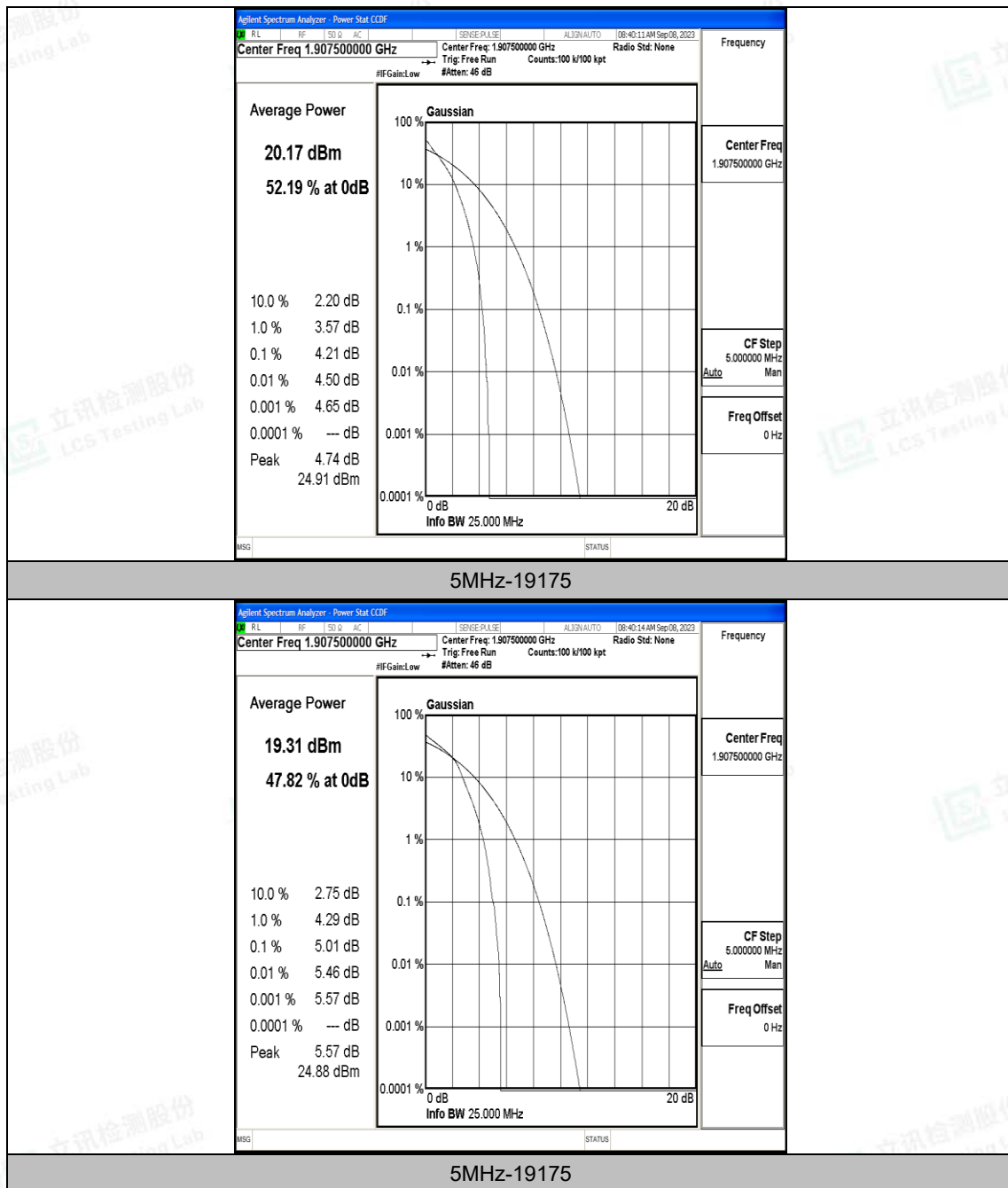


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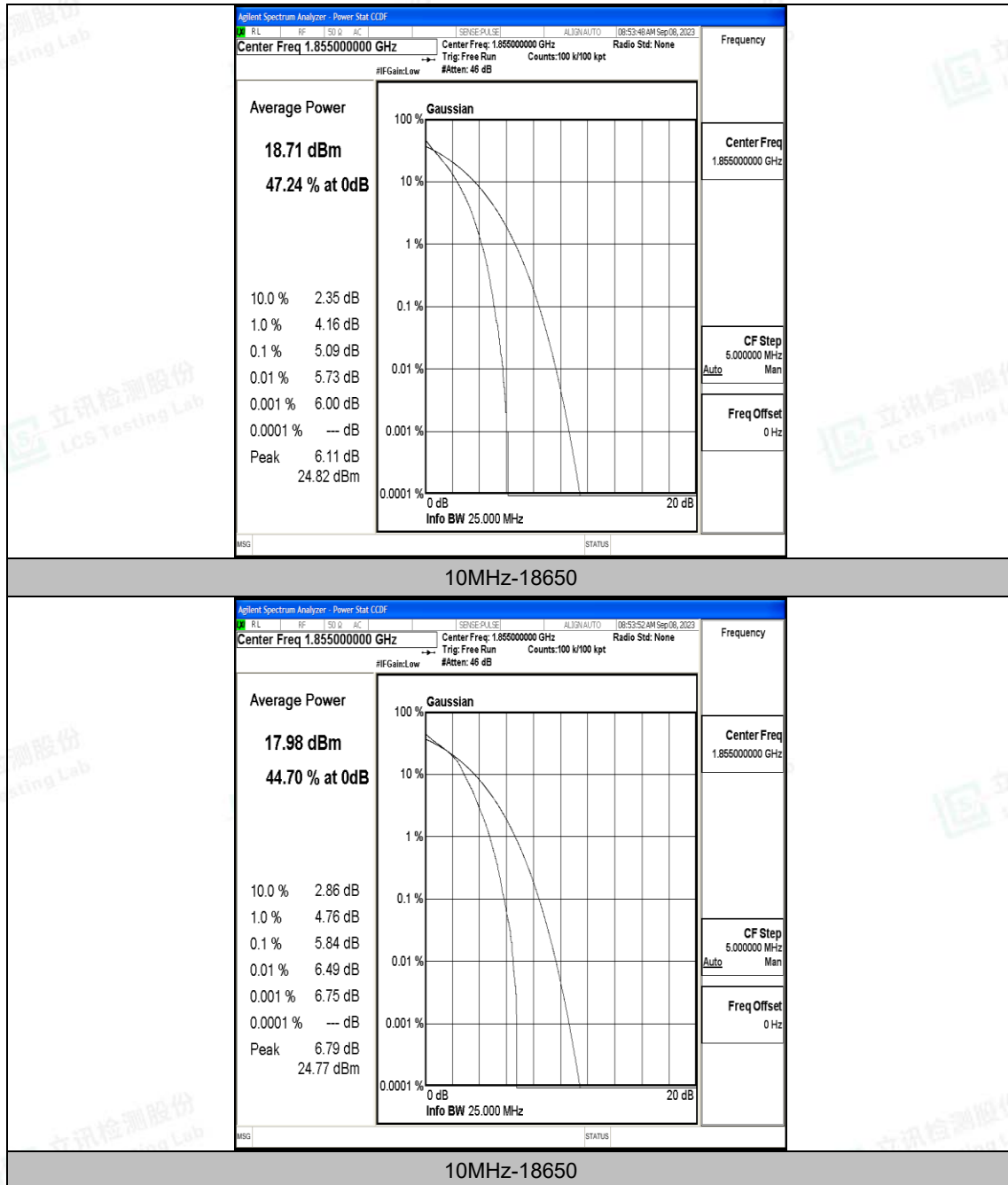


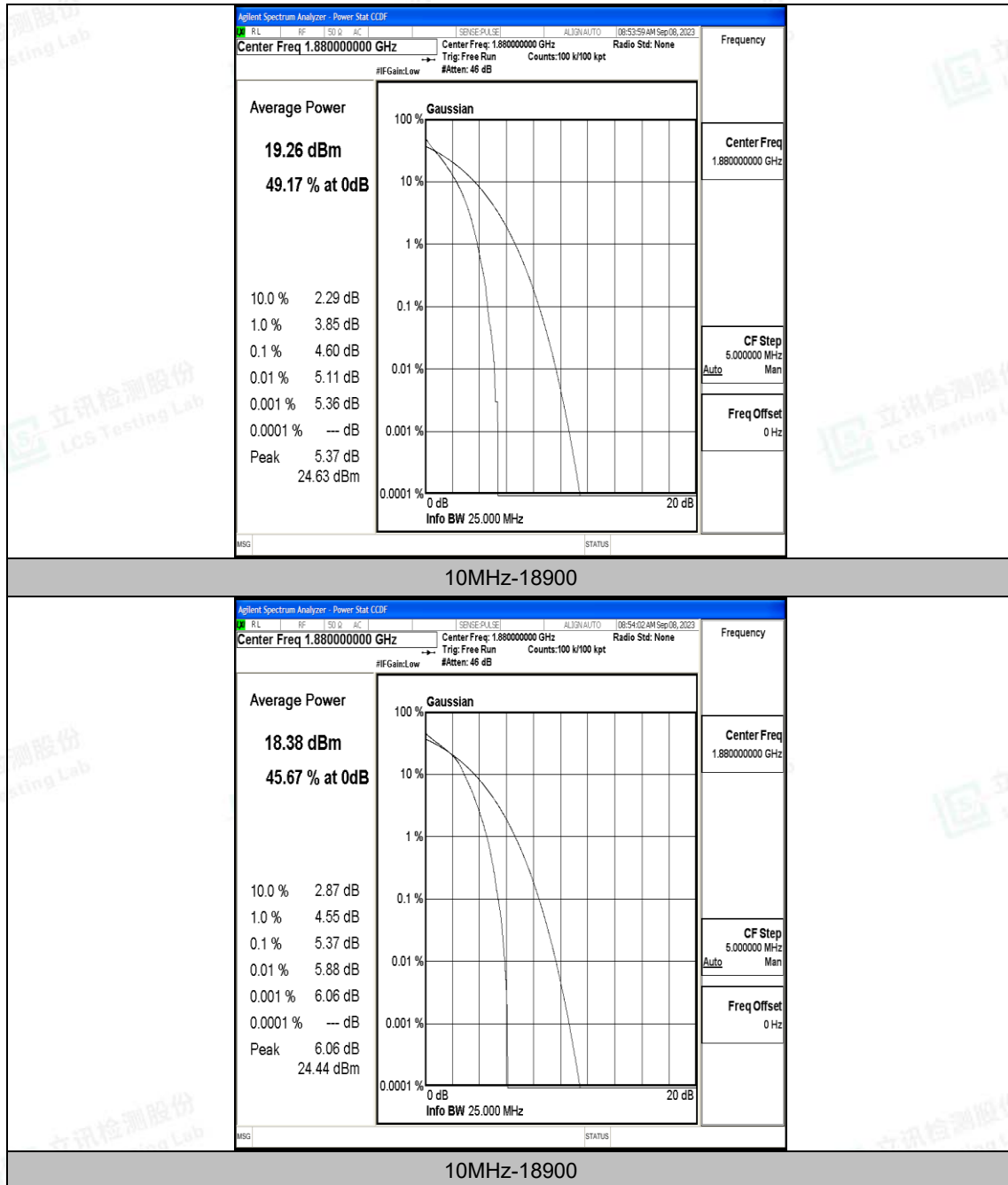
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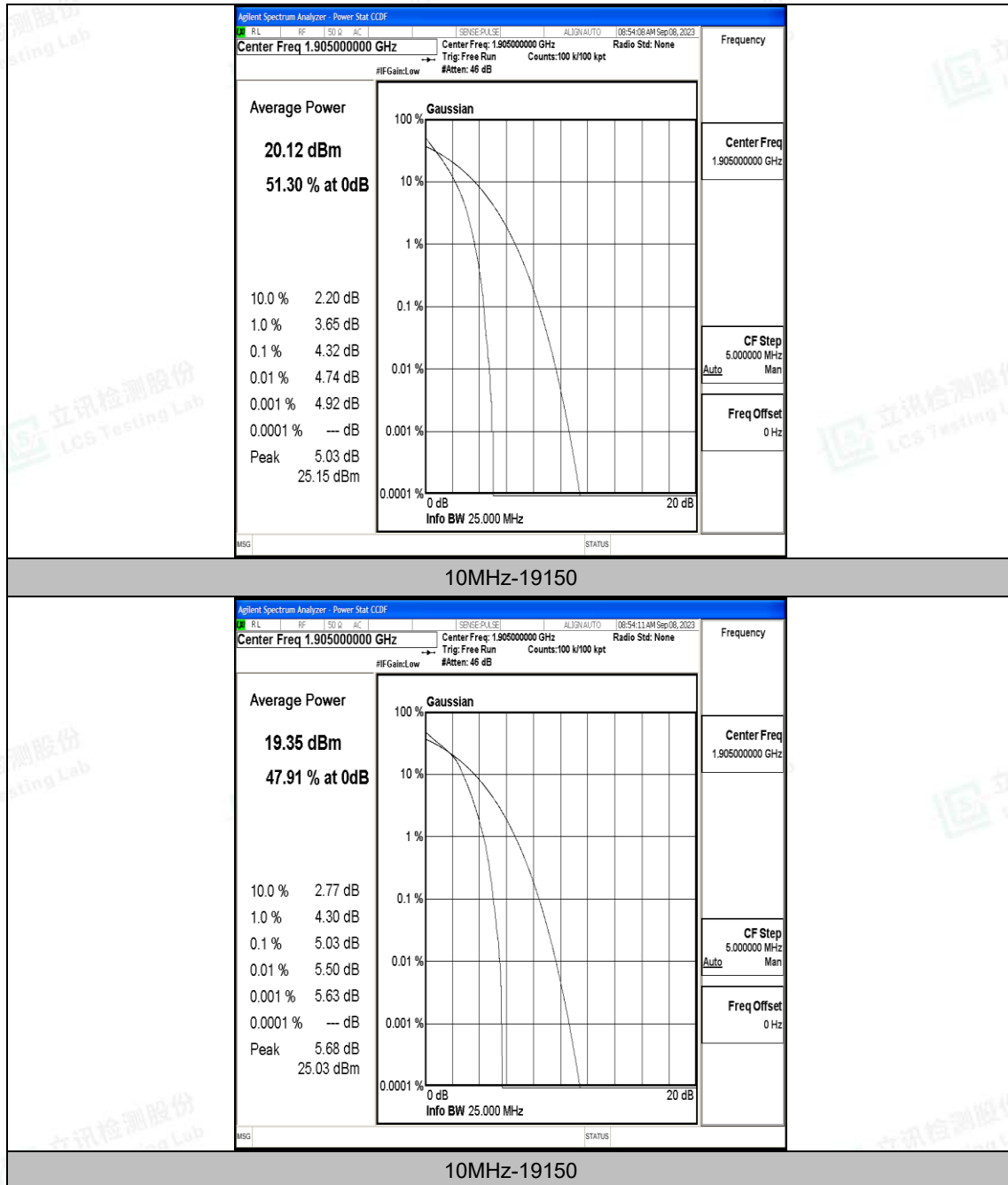


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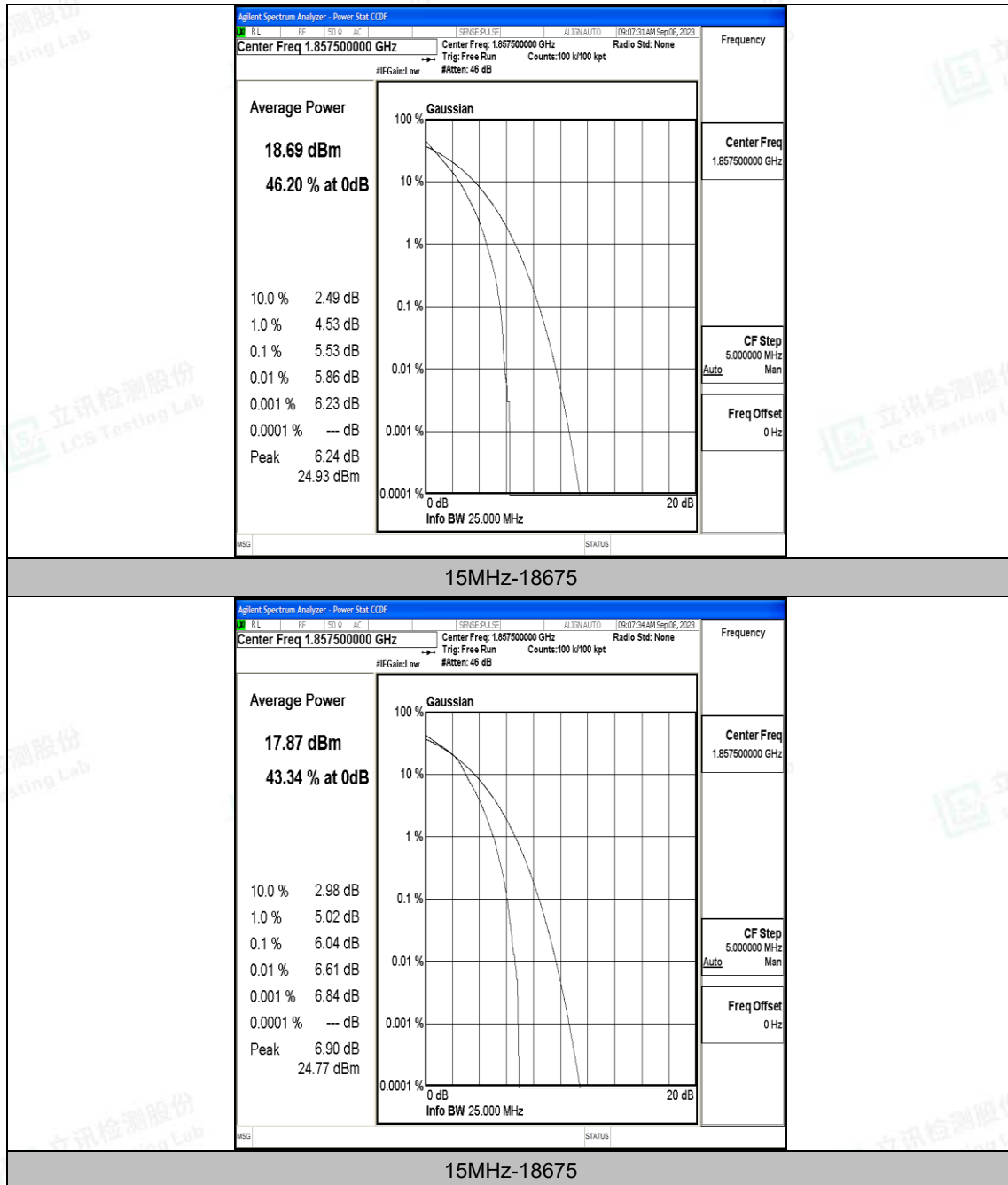


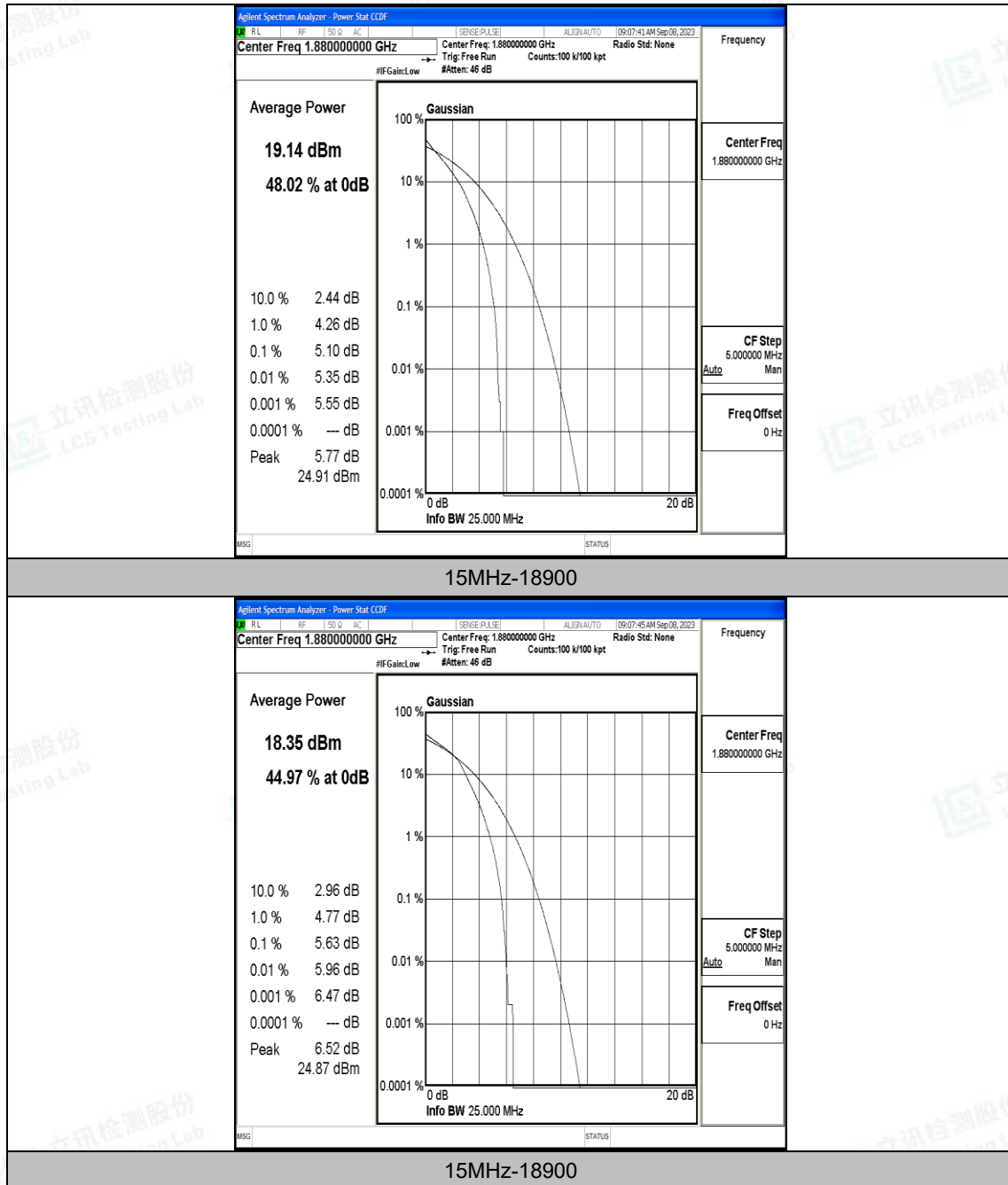
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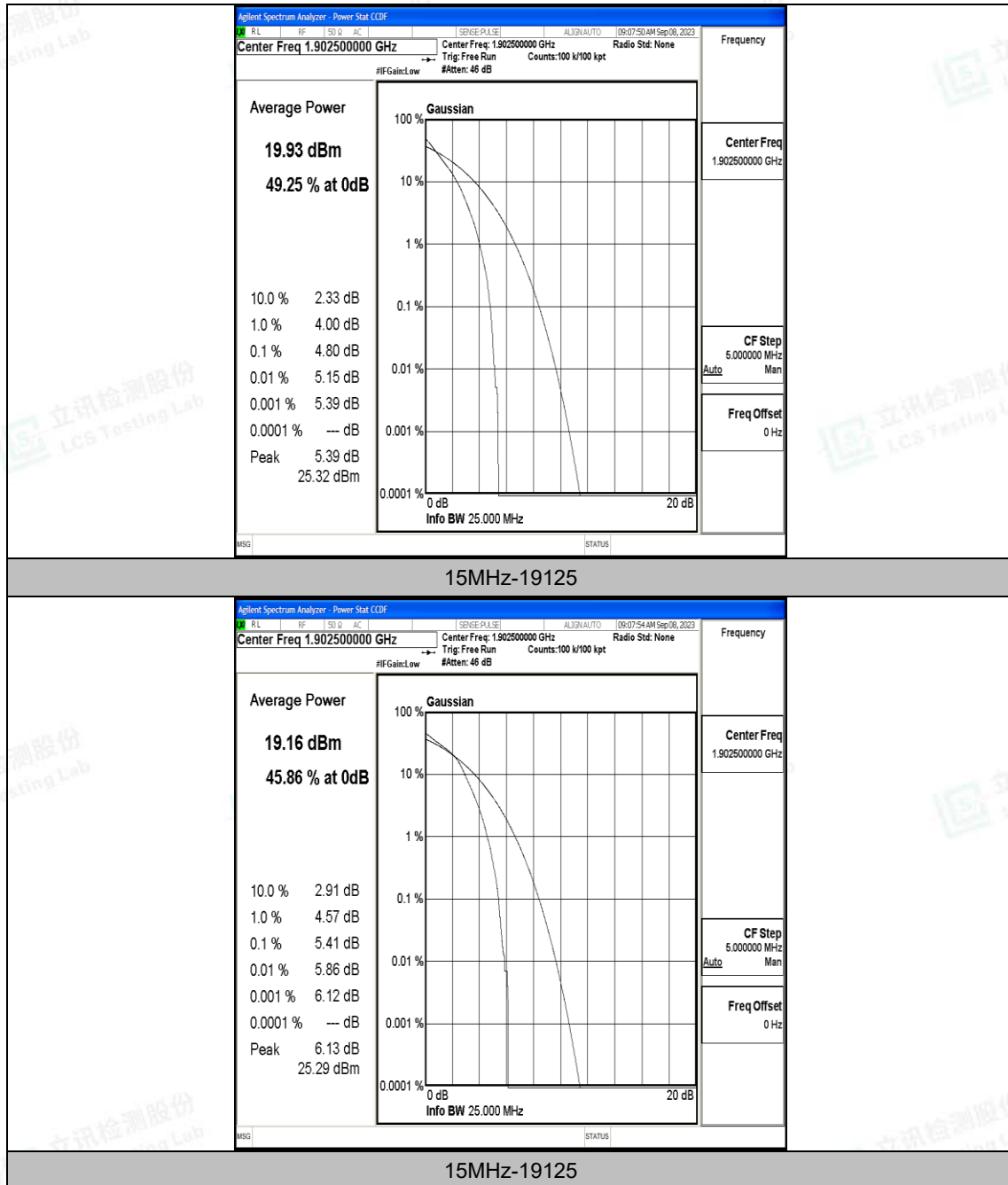


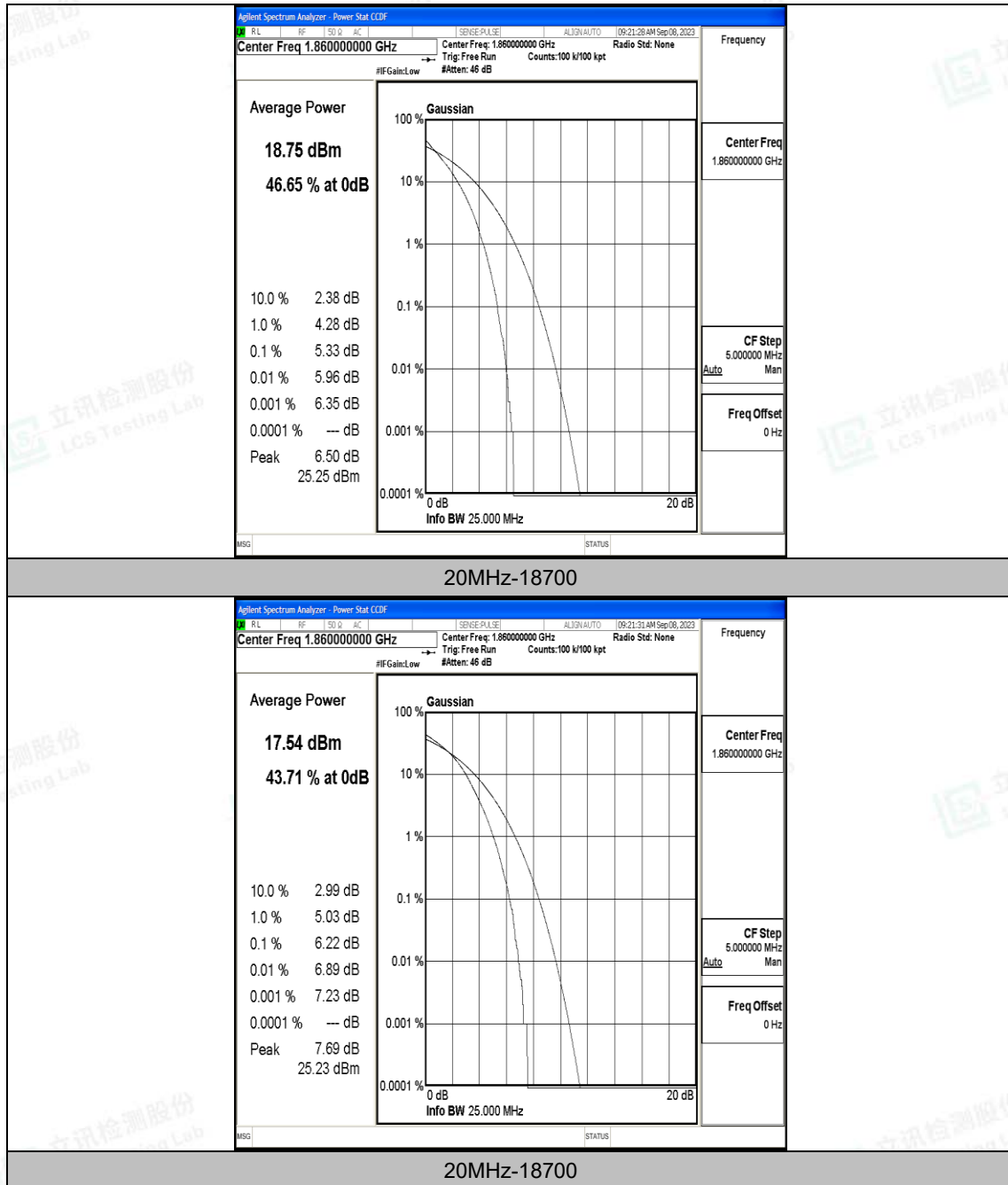
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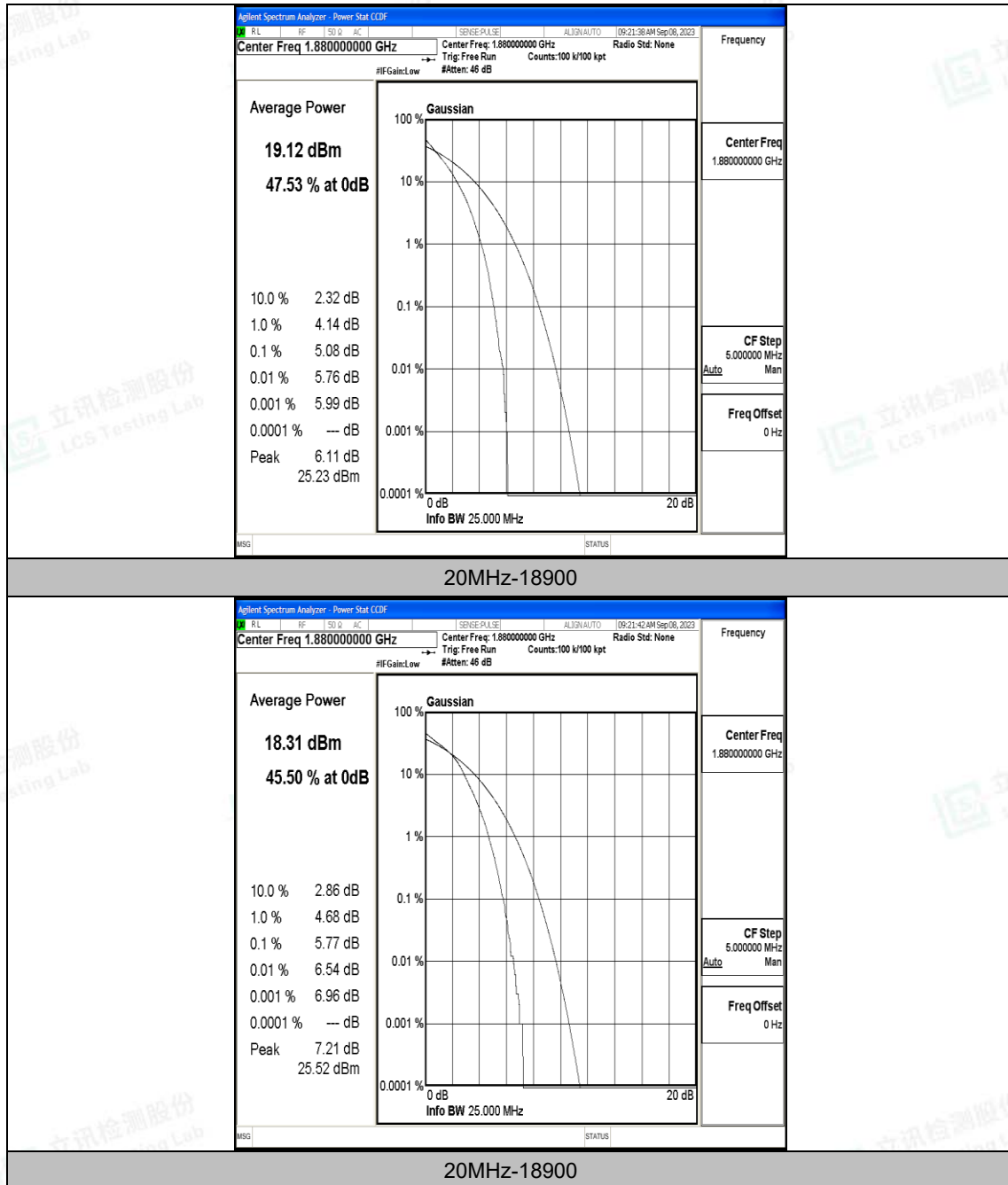


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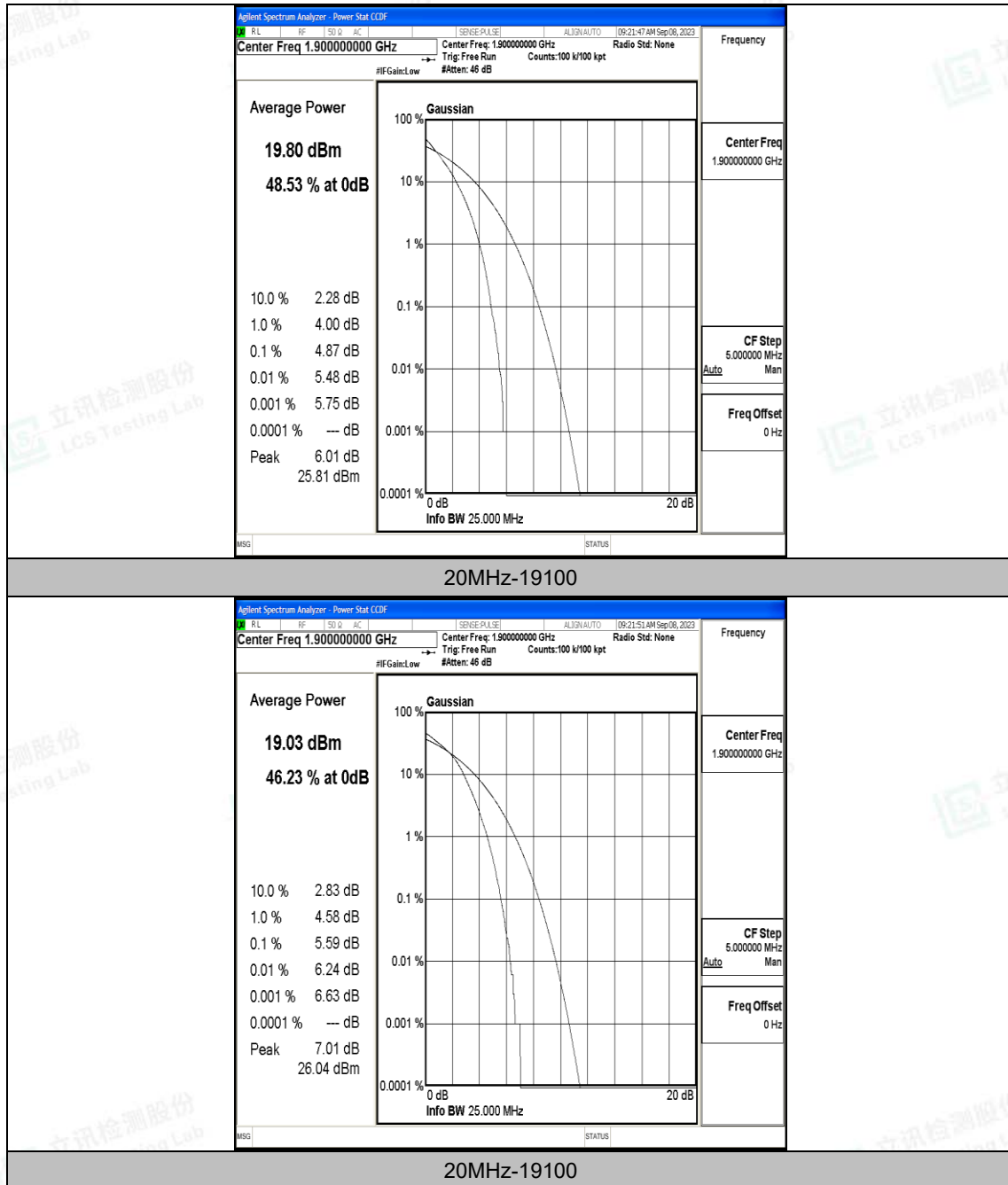


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F.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.1021	1.294	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1067	1.264	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0941	1.287	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1100	1.289	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0902	1.445	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1023	1.341	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7130	3.082	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7134	3.078	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7137	3.172	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6991	3.088	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7091	3.022	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7130	3.095	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5340	5.295	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5298	5.274	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5288	5.267	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5192	5.274	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5412	5.395	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5346	5.314	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9962	10.04	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9771	10.16	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0082	10.16	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9956	10.22	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9967	9.969	PASS
Band2	10MHz	16QAM	19150	50RB#0	9.0081	10.42	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.520	15.43	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.505	14.99	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.514	15.39	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.502	14.98	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.511	15.36	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.471	14.98	PASS
Band2	20MHz	QPSK	18700	100RB#0	18.033	19.93	PASS
Band2	20MHz	16QAM	18700	100RB#0	18.031	20.41	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.013	20.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	18.035	20.32	PASS



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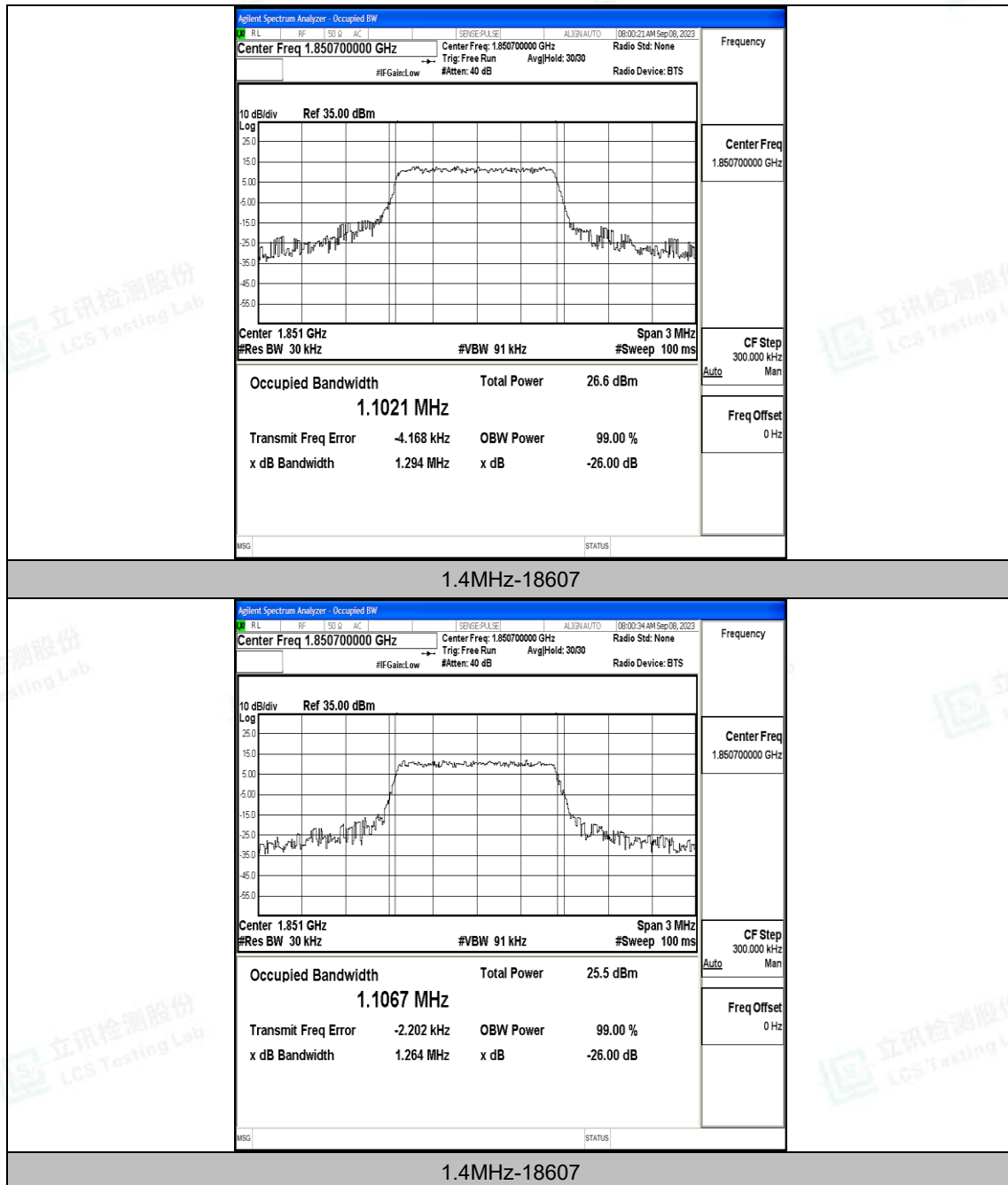
Band2	20MHz	QPSK	19100	100RB#0	18.020	19.91	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.022	20.08	PASS

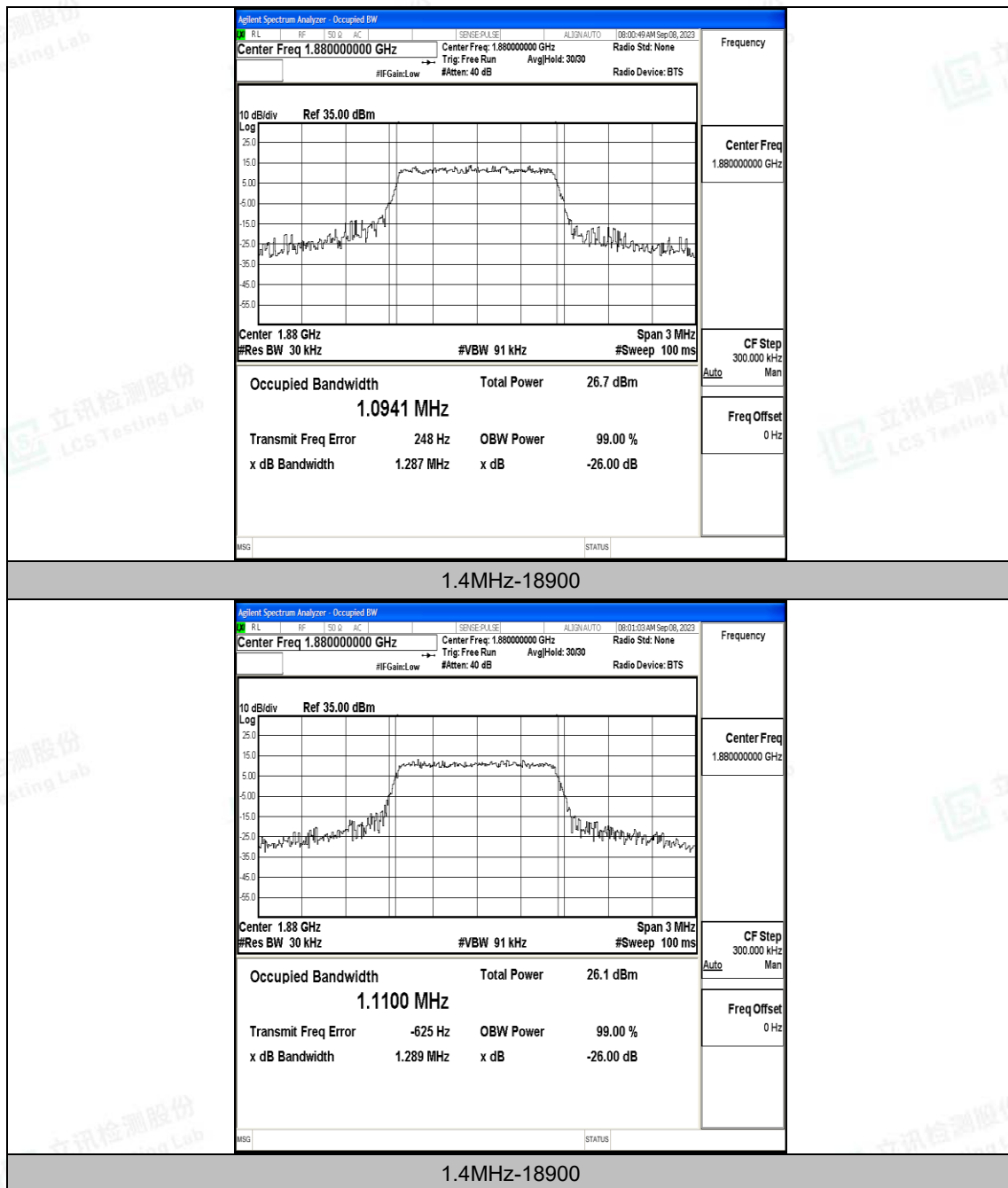


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Test Graphs



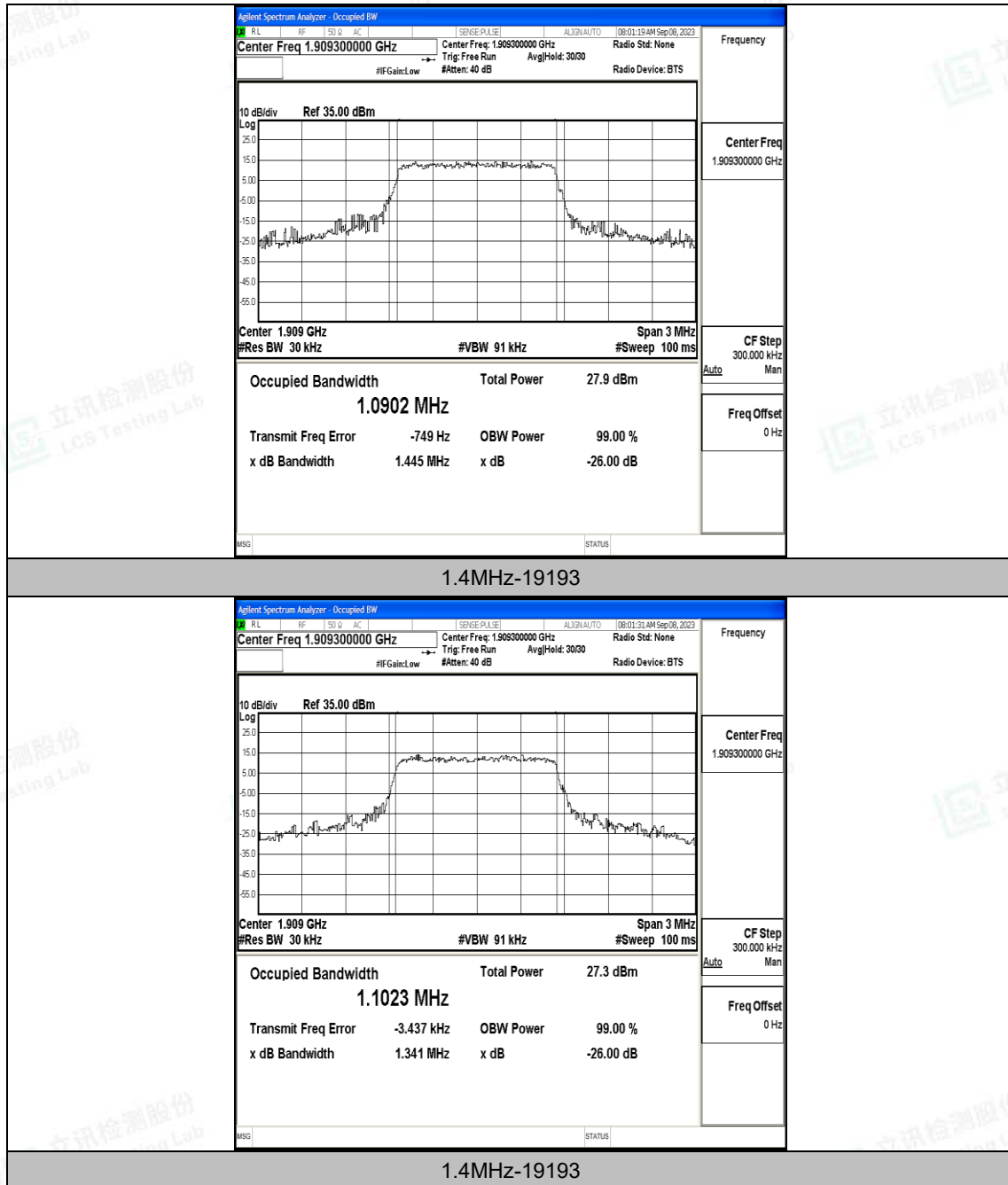


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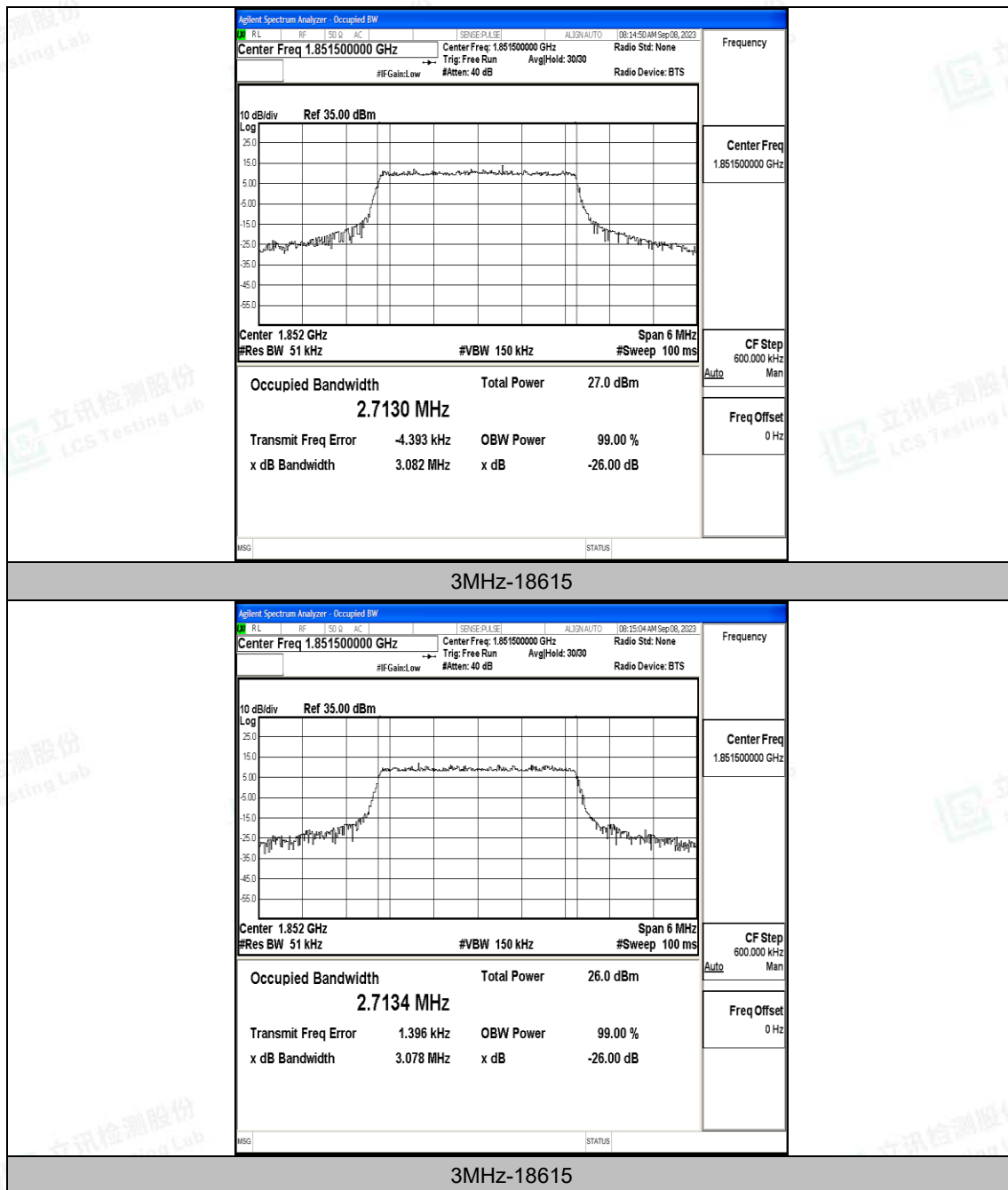


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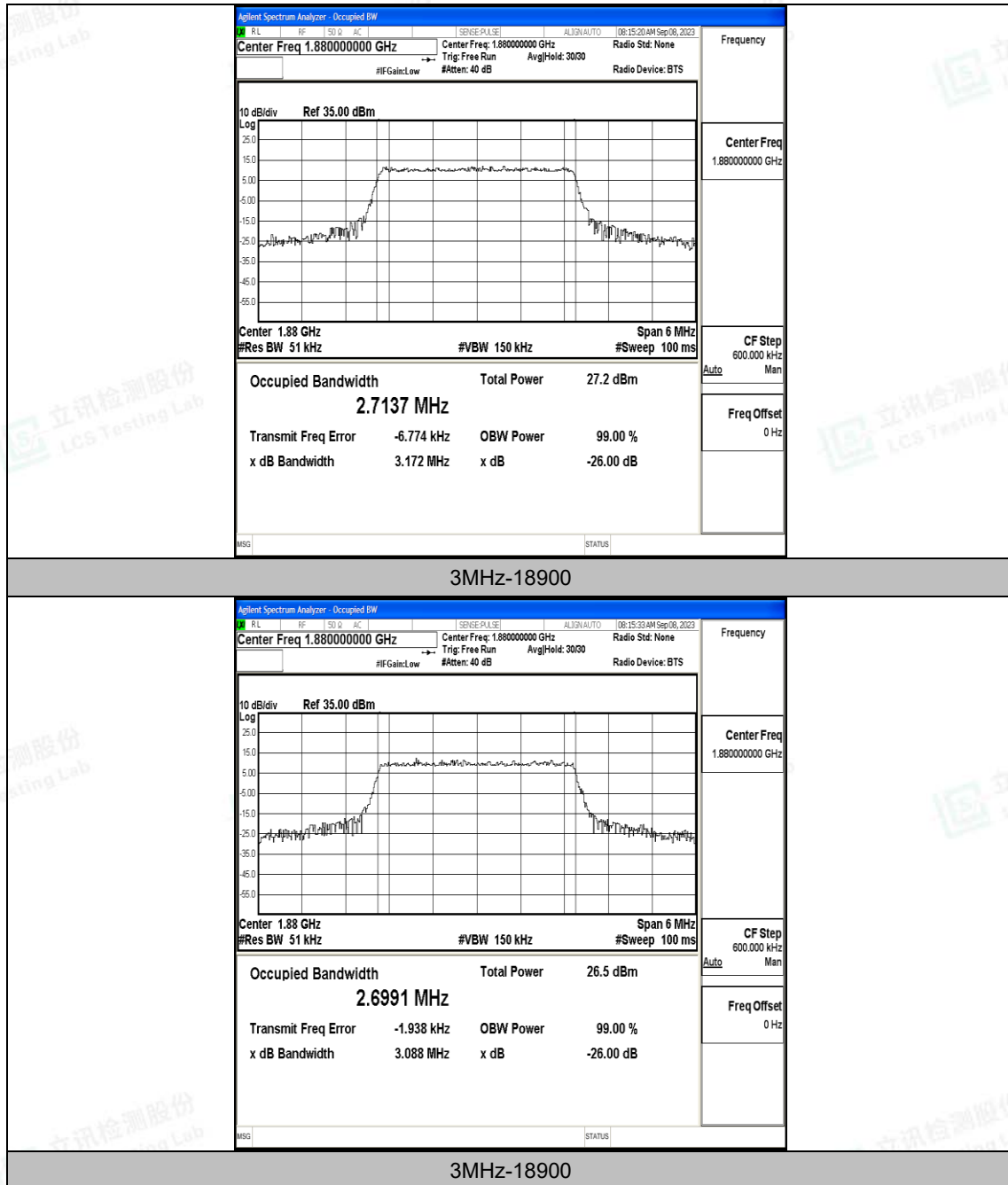


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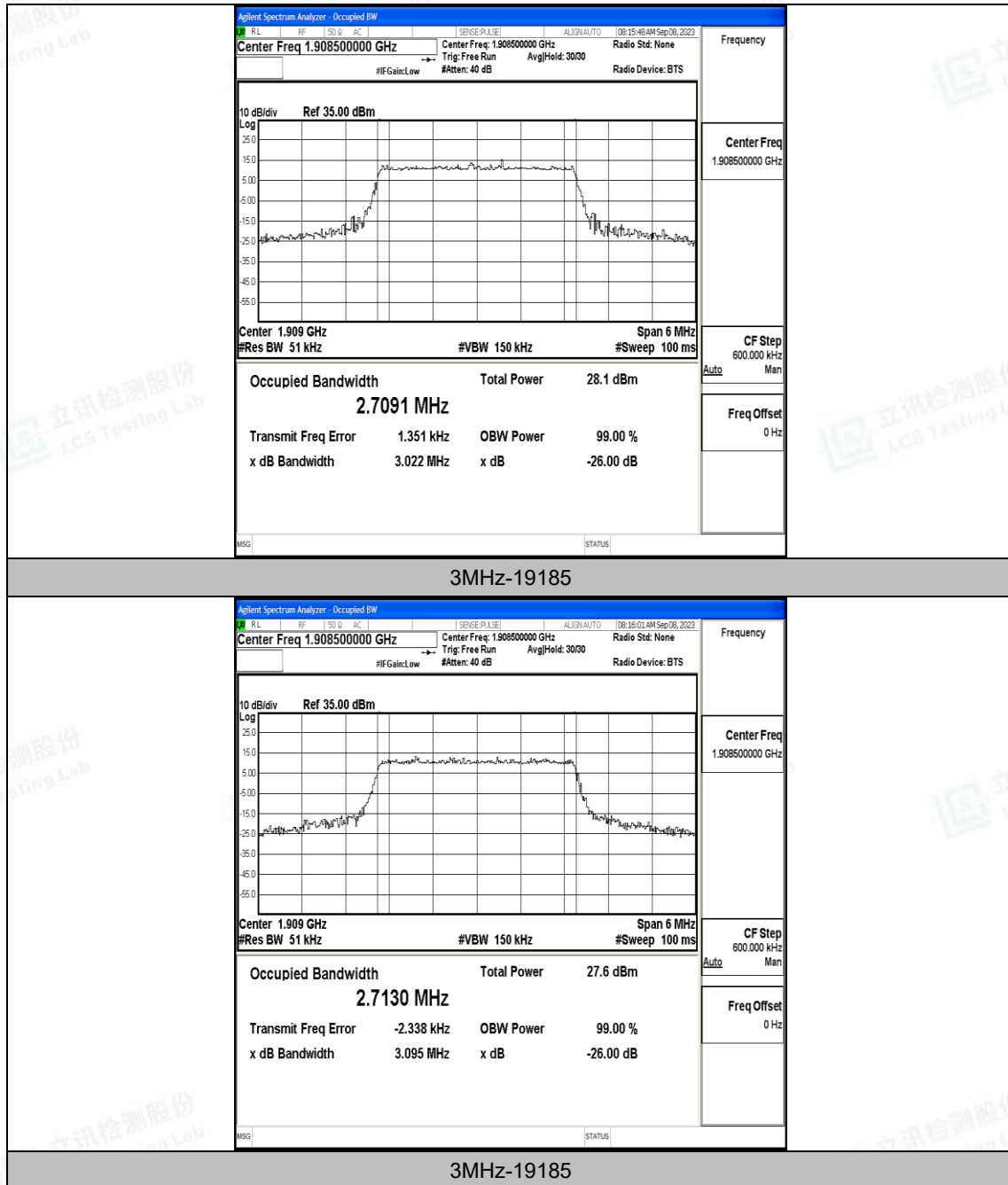


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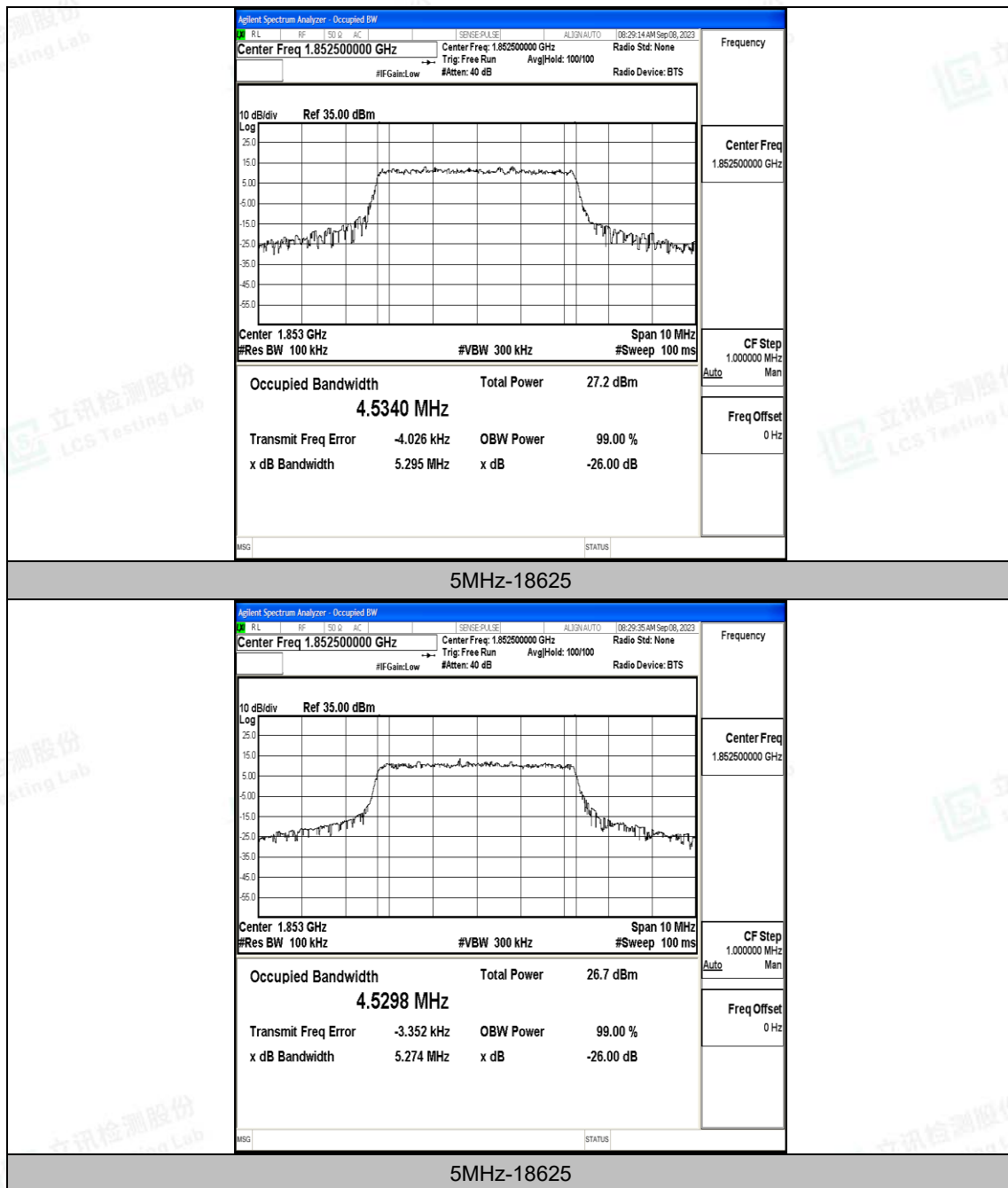


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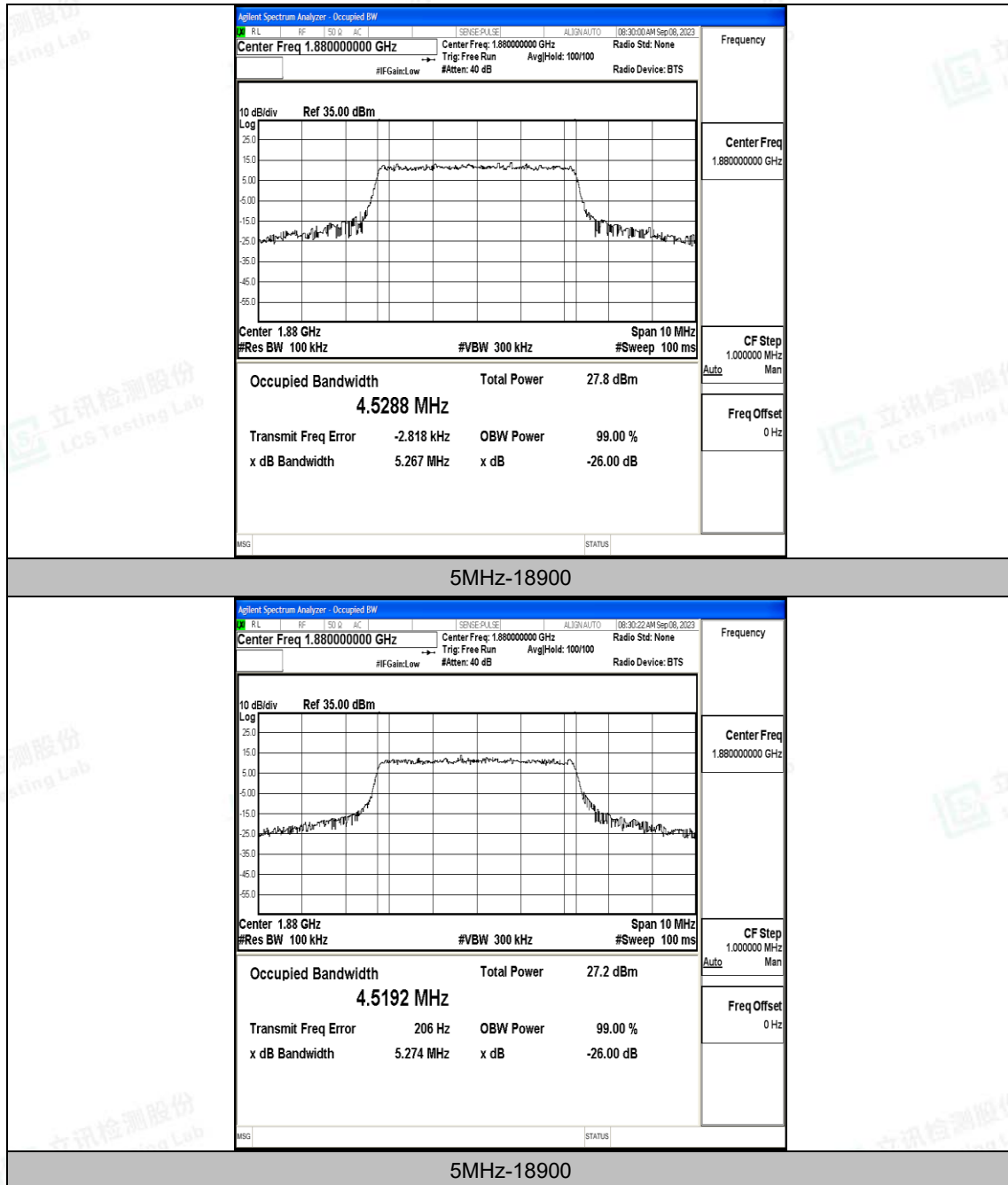


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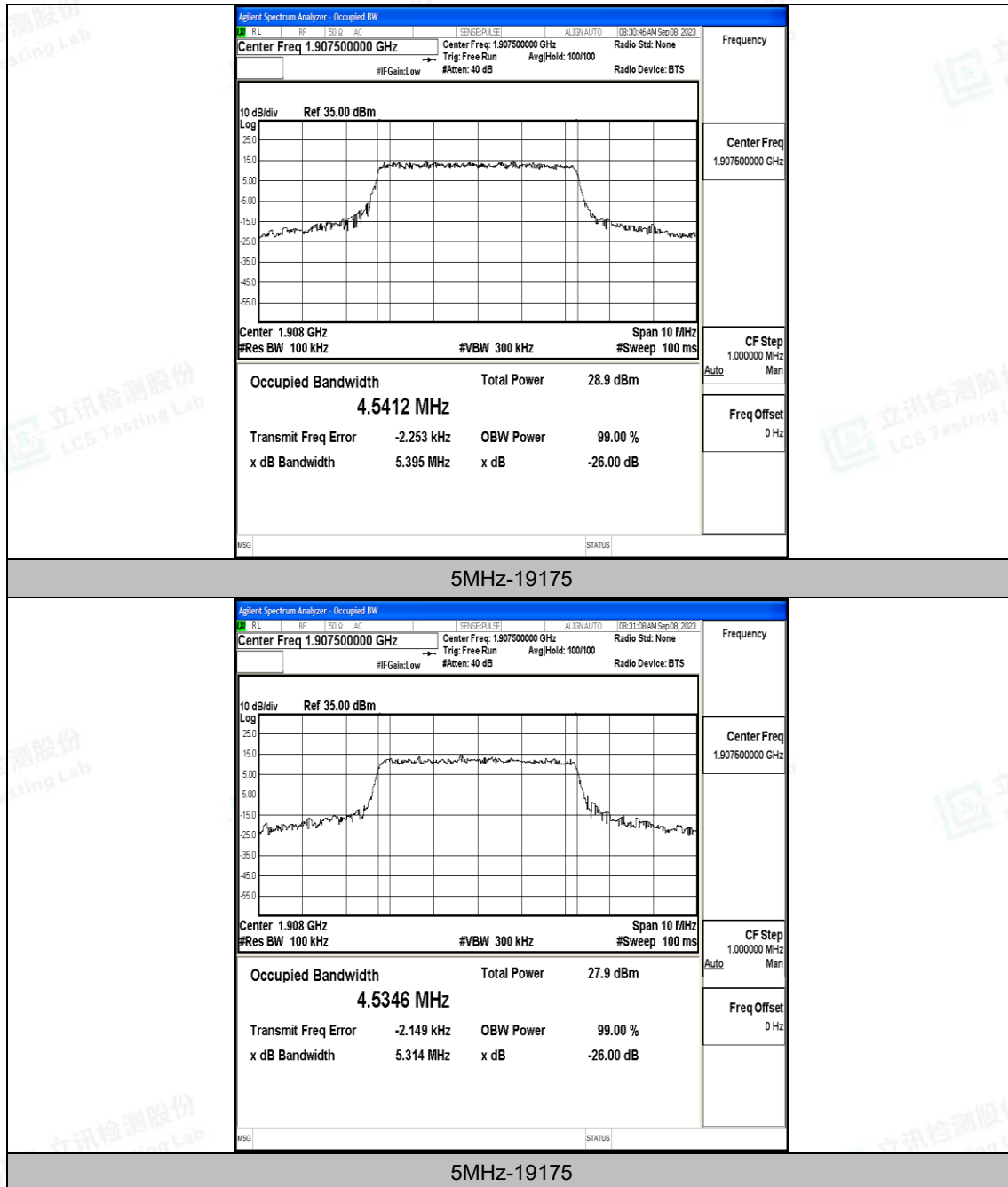


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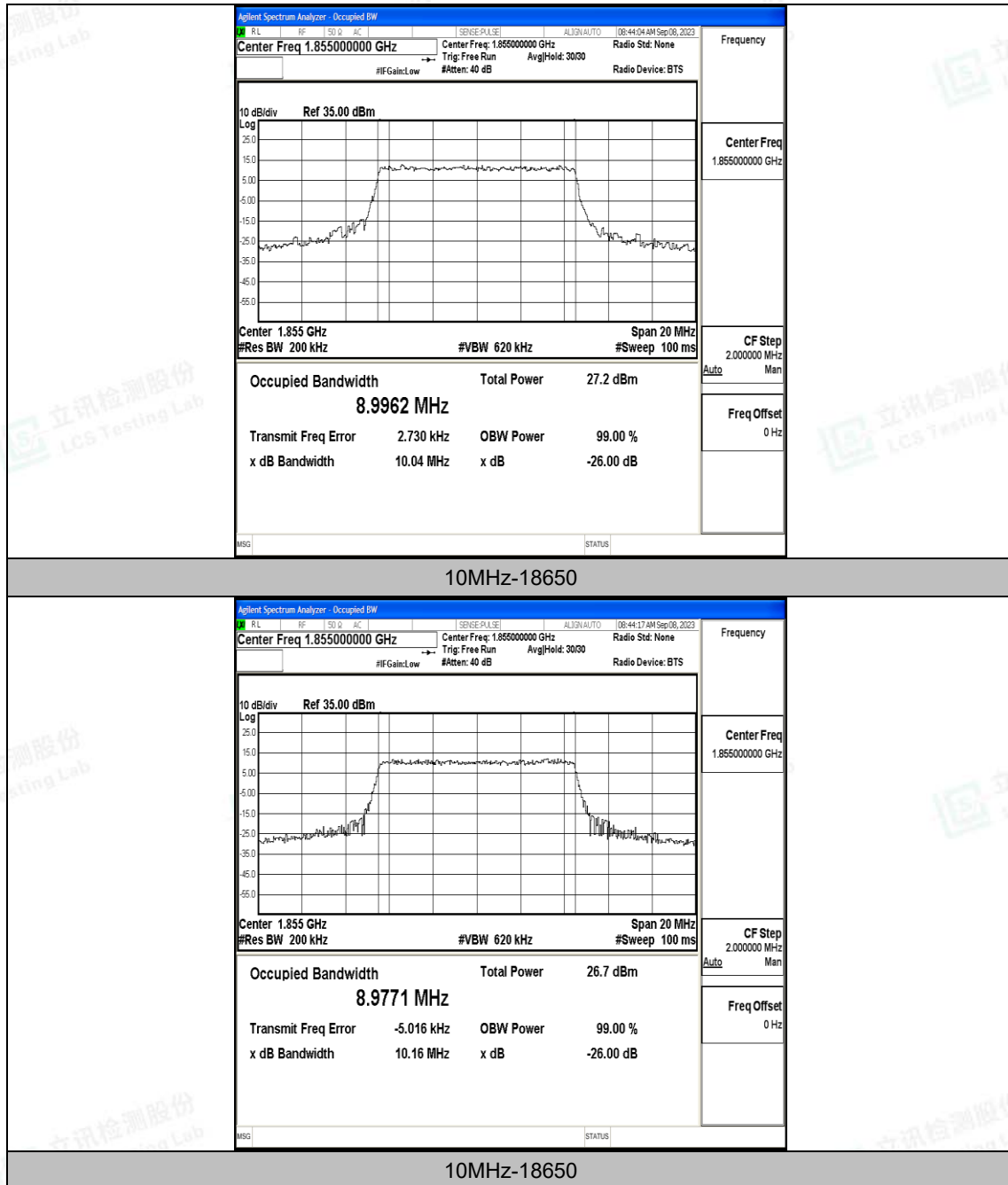


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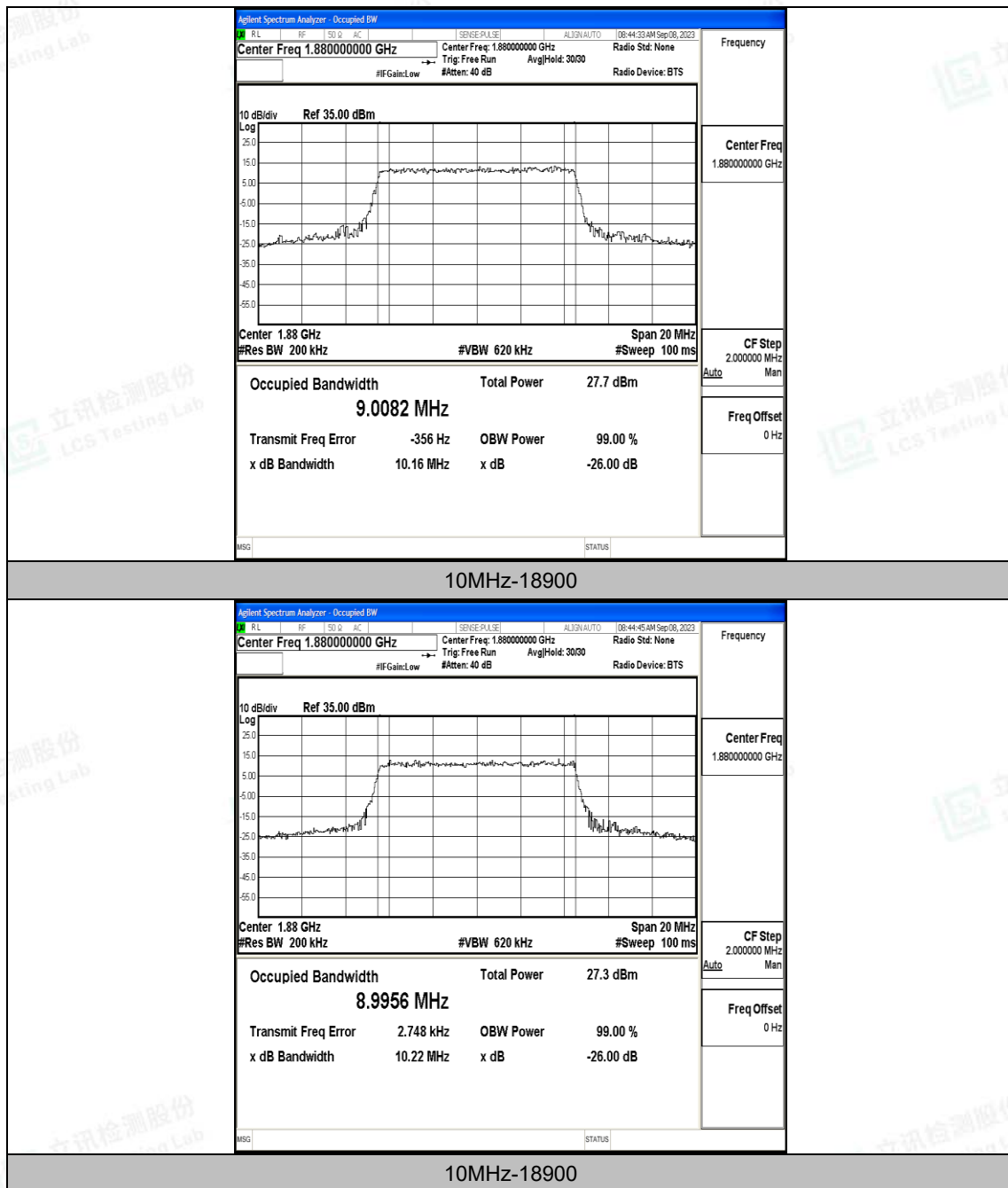


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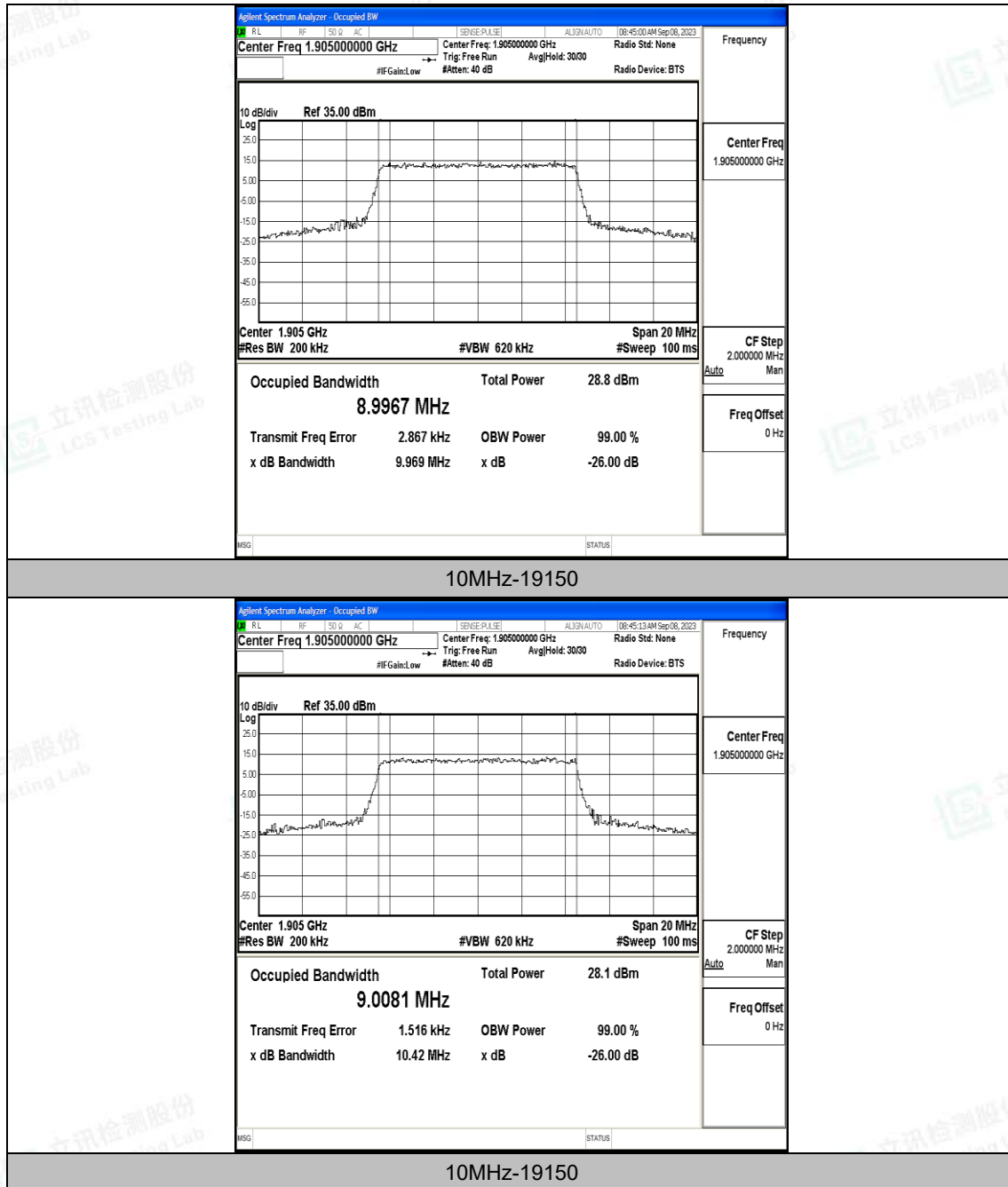


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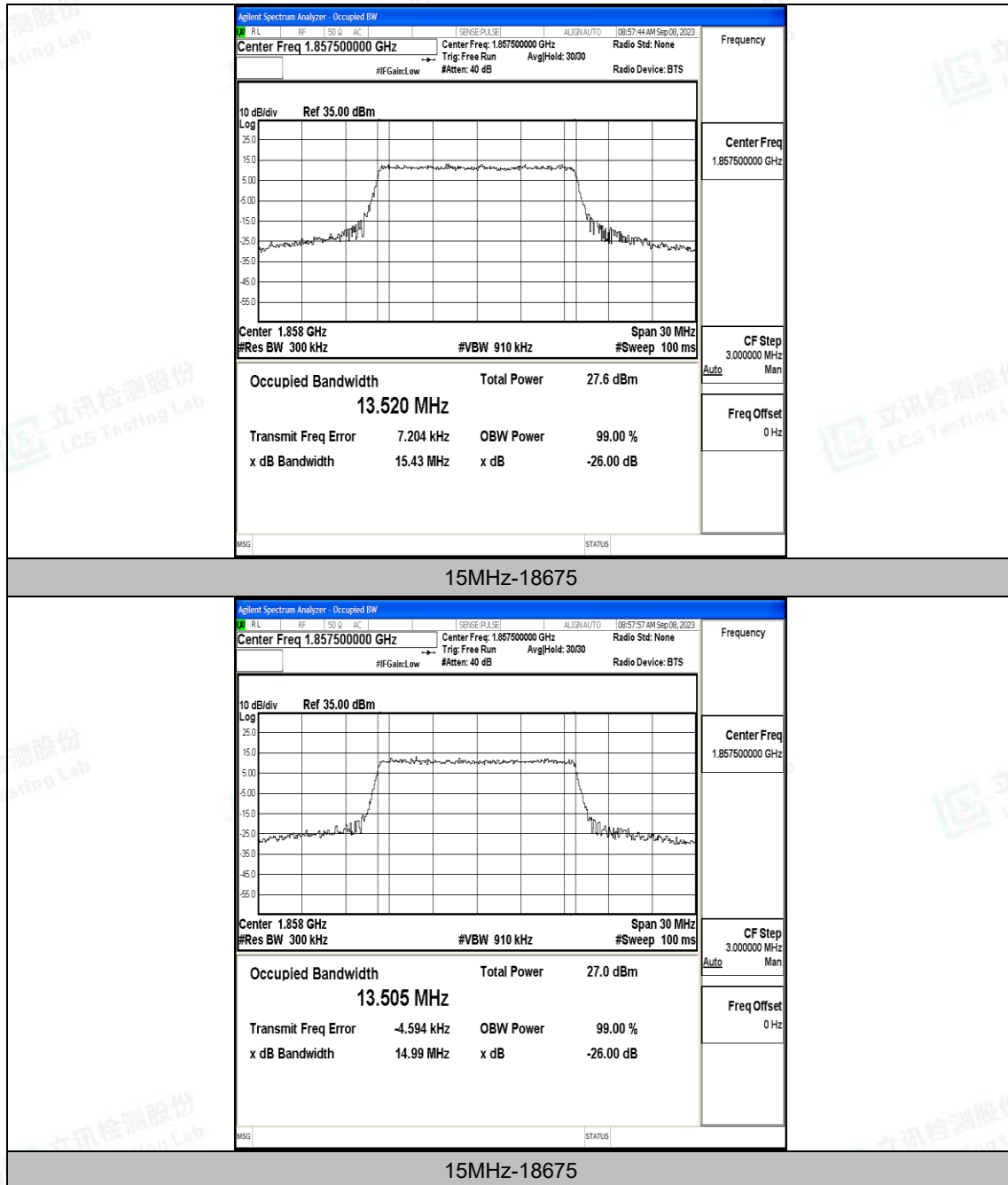


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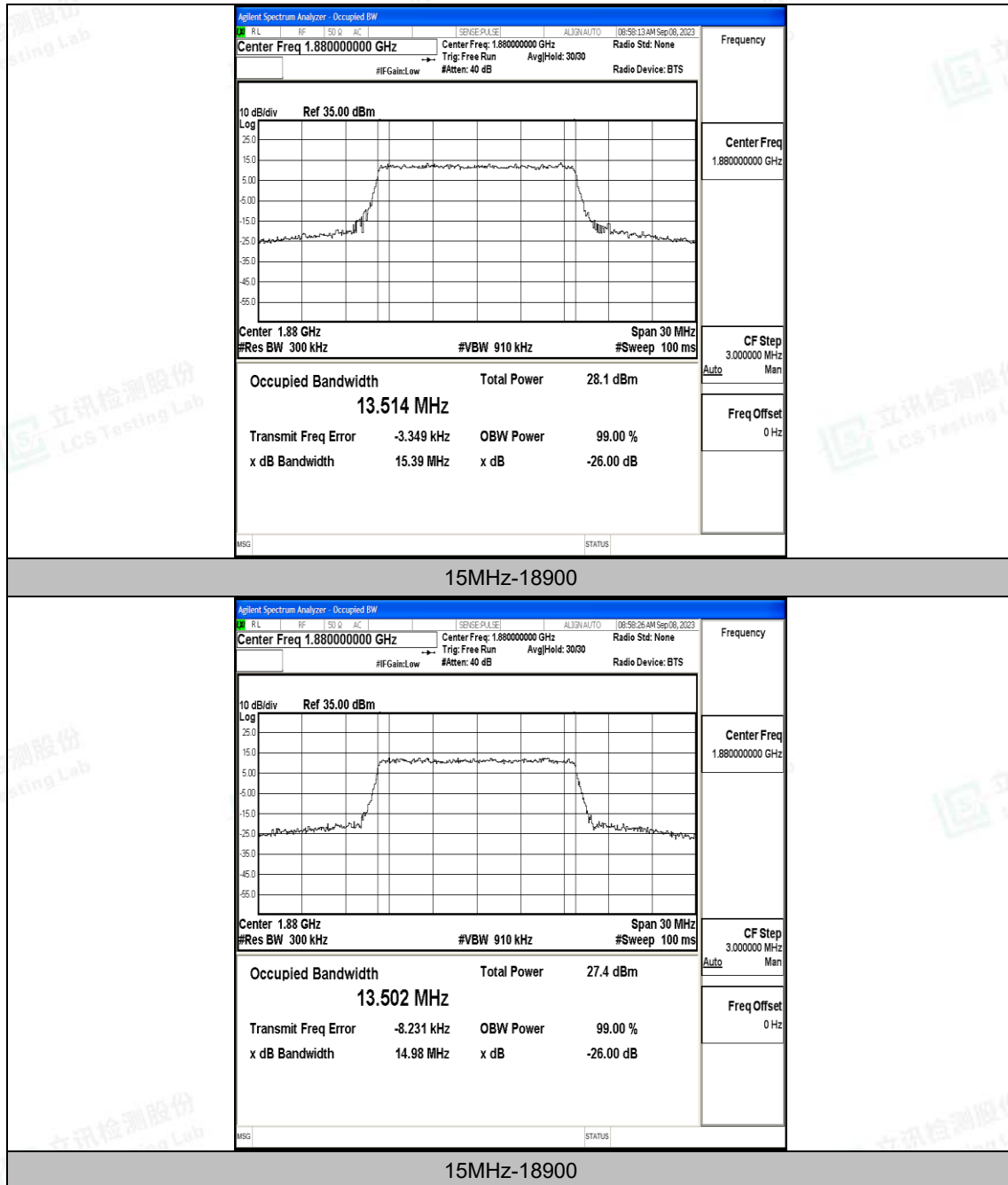


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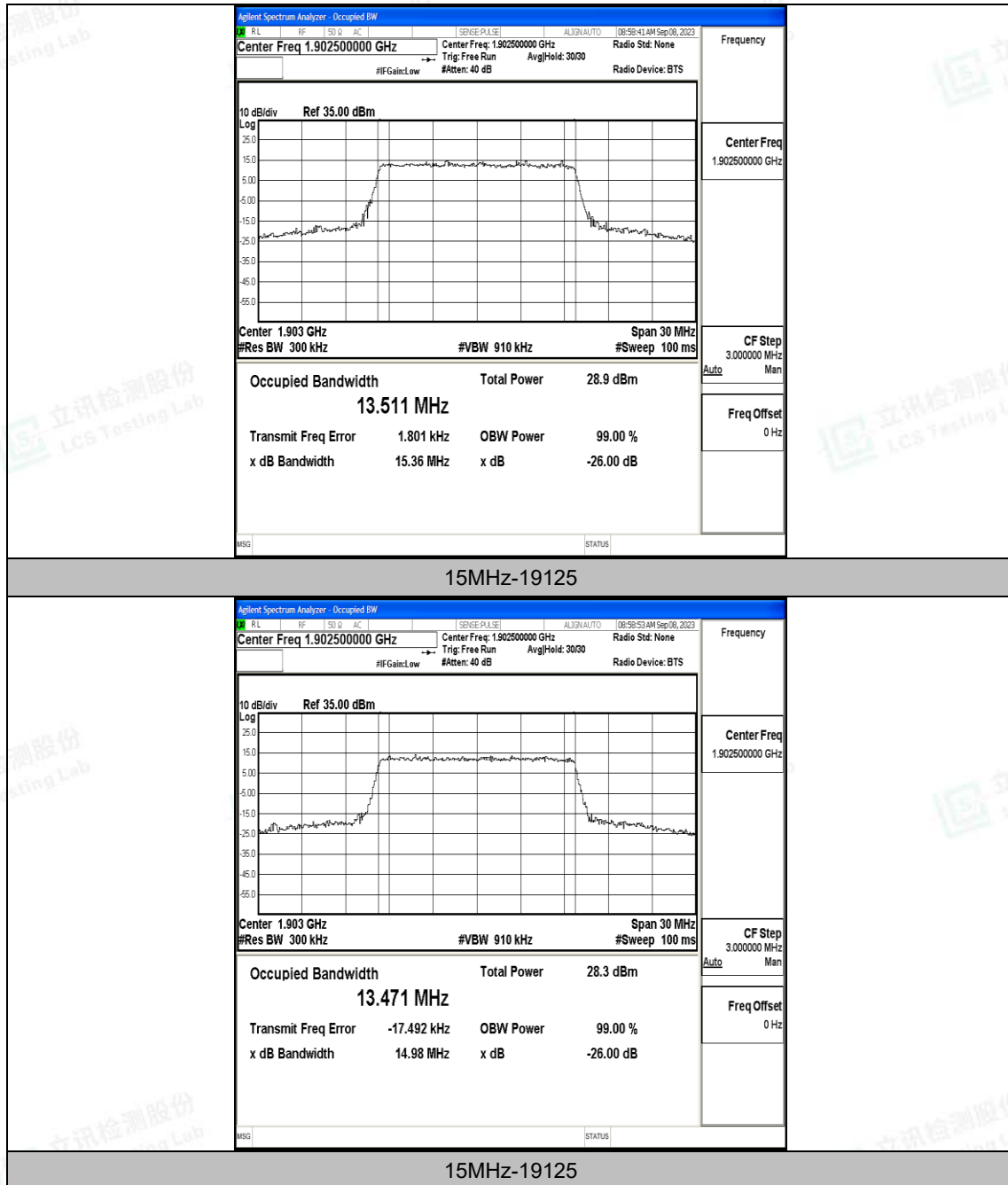


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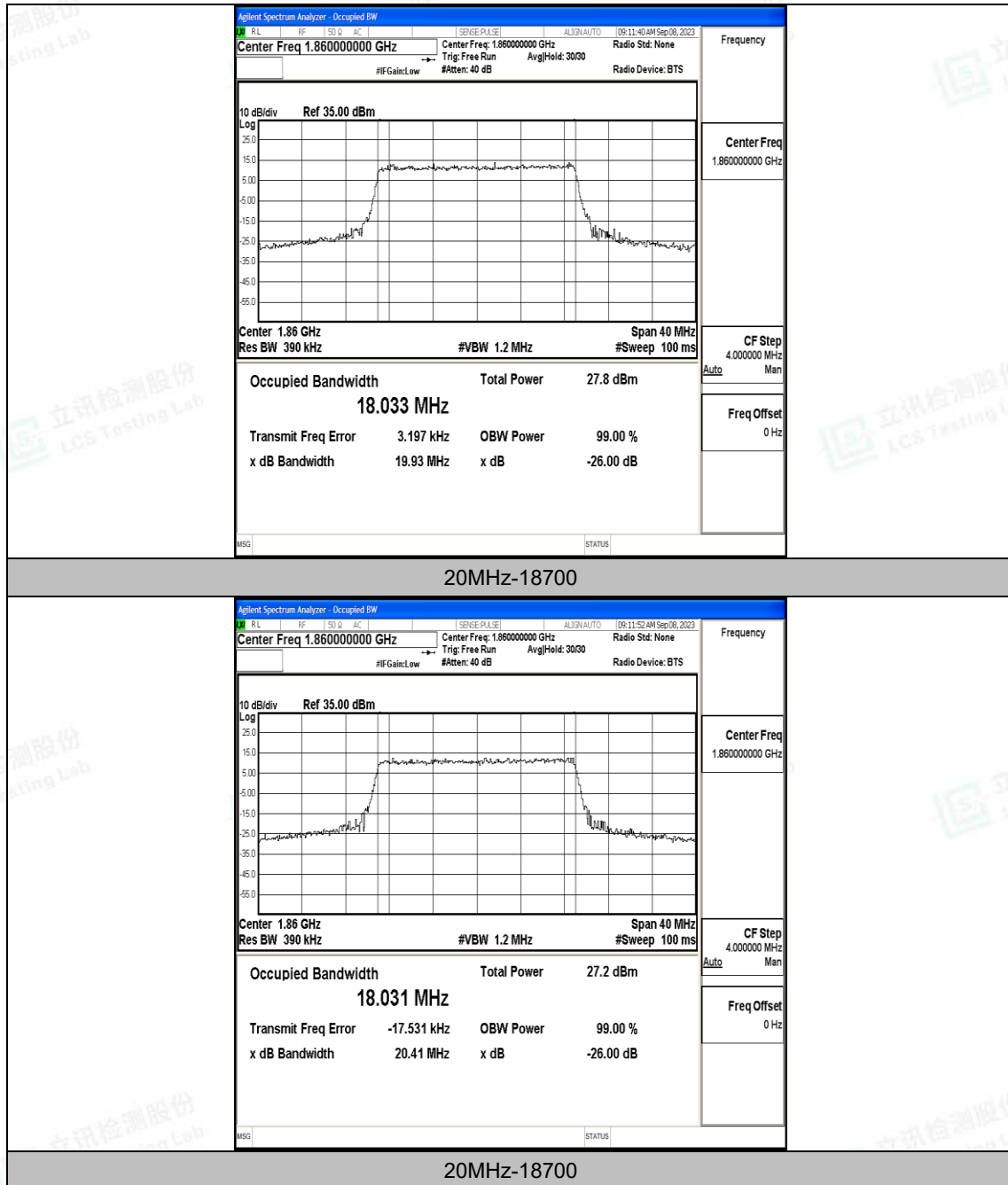


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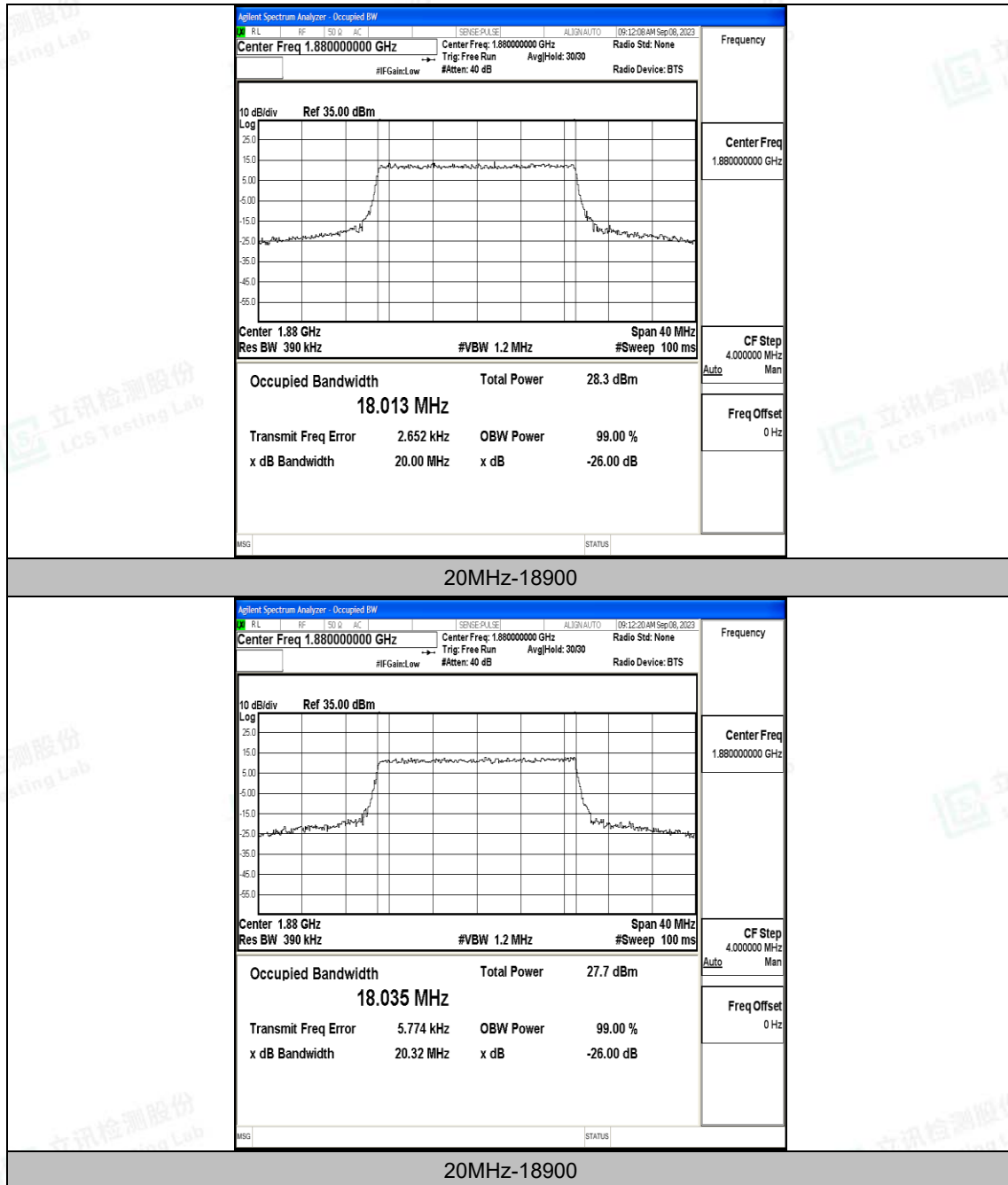


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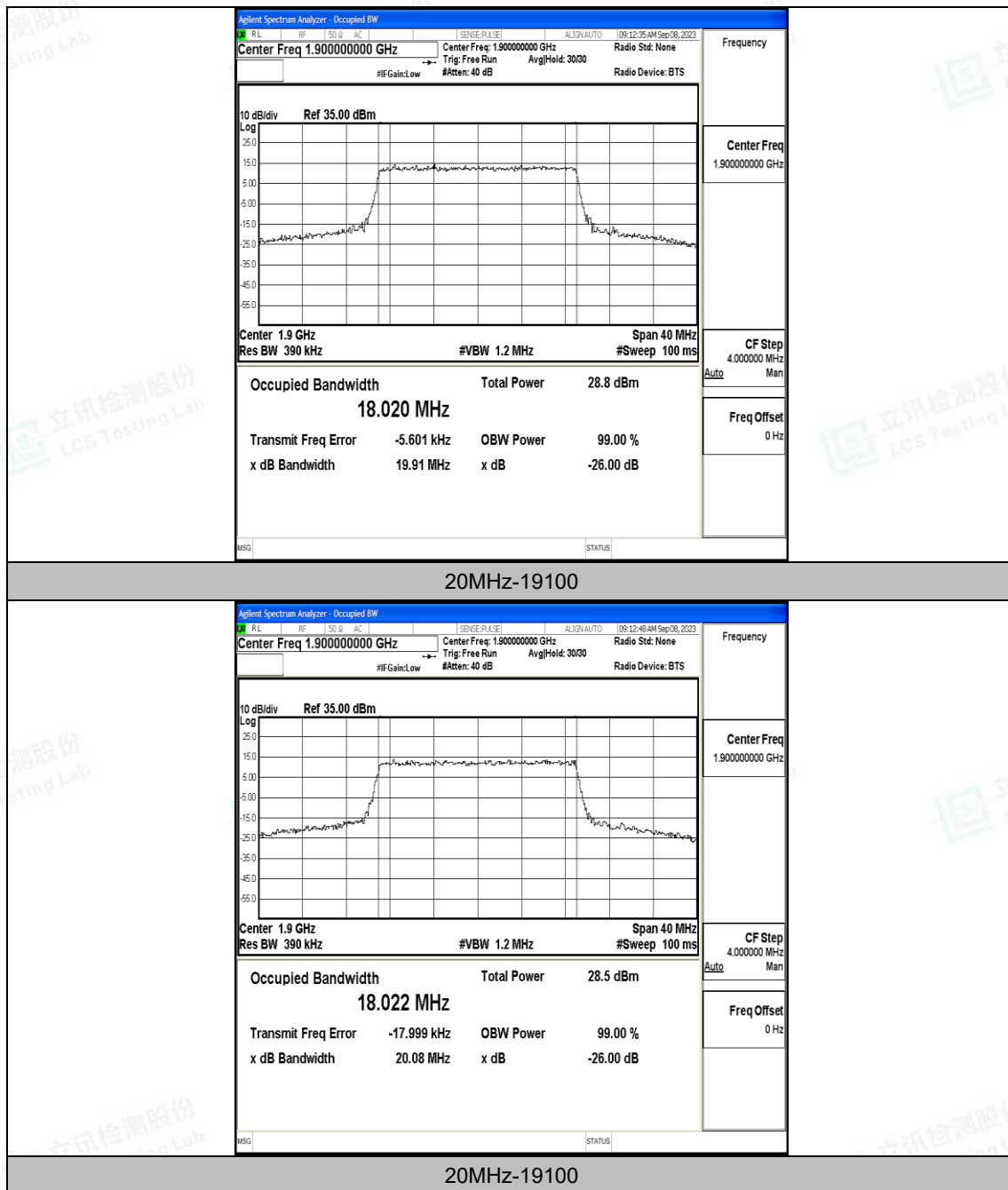


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F.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1848.97	-43.82	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1849.00	-46.18	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1911.01	-43.32	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1911.01	-42.36	PASS
Band2	3MHz	QPSK	18615	15RB#0	1848.92	-39.52	PASS
Band2	3MHz	16QAM	18615	15RB#0	1848.88	-40.97	PASS
Band2	3MHz	QPSK	19185	15RB#0	1911.06	-31.04	PASS
Band2	3MHz	16QAM	19185	15RB#0	1911.09	-33.90	PASS
Band2	5MHz	QPSK	18625	25RB#0	1848.88	-38.44	PASS
Band2	5MHz	16QAM	18625	25RB#0	1848.77	-39.42	PASS
Band2	5MHz	QPSK	19175	25RB#0	1911.07	-31.14	PASS
Band2	5MHz	16QAM	19175	25RB#0	1911.04	-32.68	PASS
Band2	10MHz	QPSK	18650	50RB#0	1848.72	-38.51	PASS
Band2	10MHz	16QAM	18650	50RB#0	1848.71	-39.39	PASS
Band2	10MHz	QPSK	19150	50RB#0	1911.00	-30.73	PASS
Band2	10MHz	16QAM	19150	50RB#0	1911.14	-32.69	PASS
Band2	15MHz	QPSK	18675	75RB#0	1848.80	-36.88	PASS
Band2	15MHz	16QAM	18675	75RB#0	1848.36	-37.82	PASS
Band2	15MHz	QPSK	19125	75RB#0	1911.22	-30.73	PASS
Band2	15MHz	16QAM	19125	75RB#0	1911.92	-32.72	PASS
Band2	20MHz	QPSK	18700	100RB#0	1848.81	-37.04	PASS
Band2	20MHz	16QAM	18700	100RB#0	1848.02	-37.91	PASS
Band2	20MHz	QPSK	19100	100RB#0	1911.21	-31.34	PASS
Band2	20MHz	16QAM	19100	100RB#0	1911.03	-33.08	PASS



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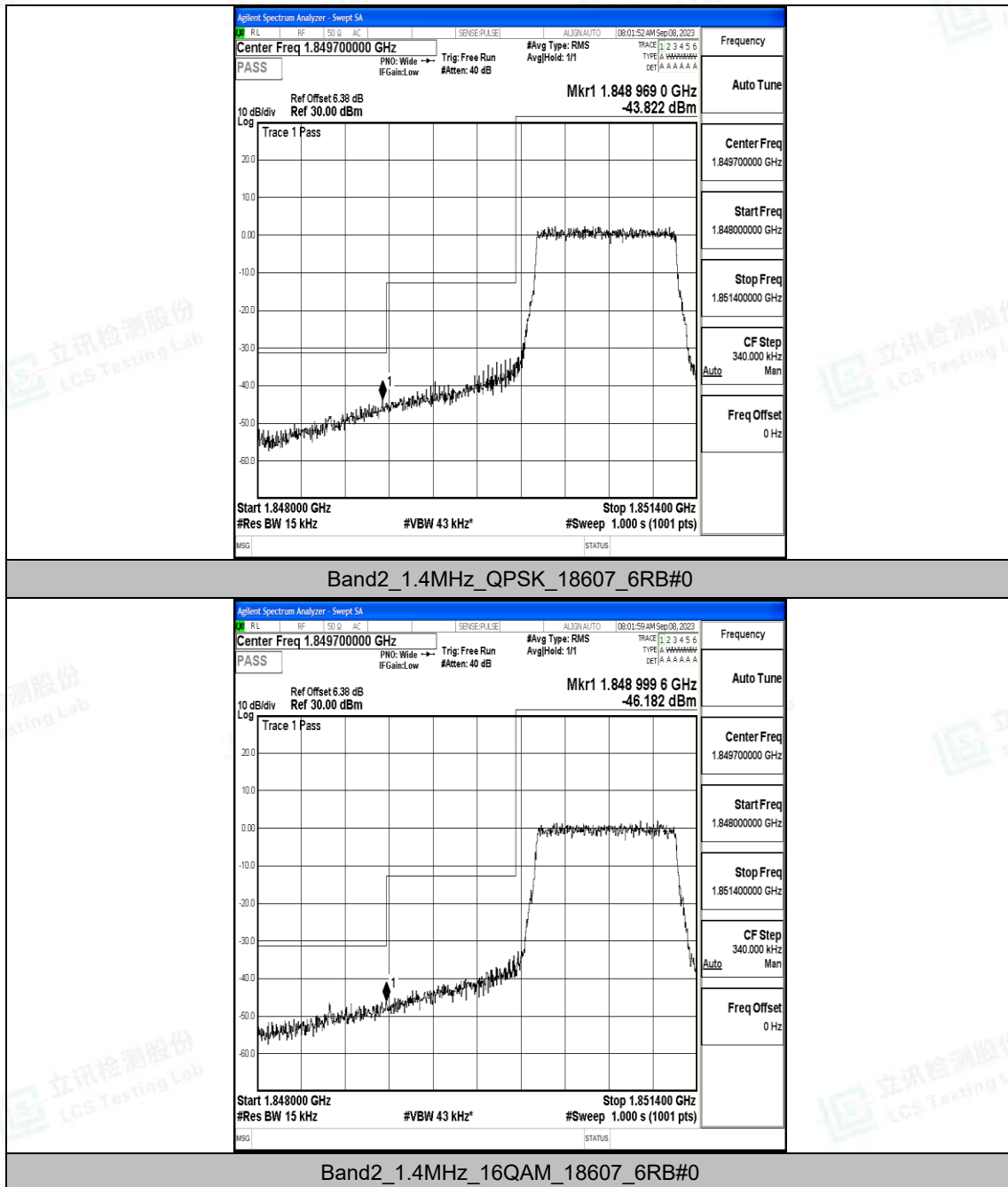
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

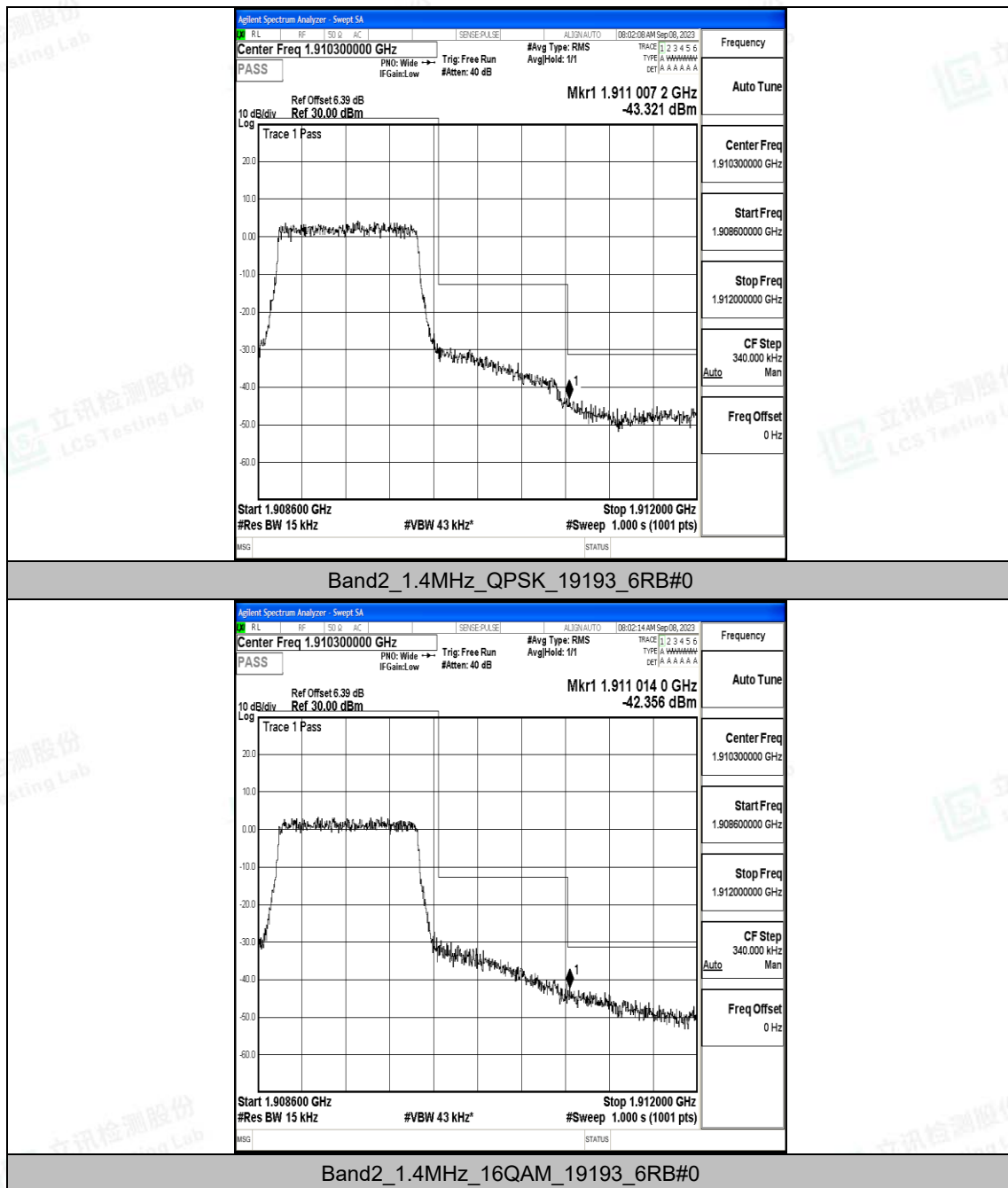
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

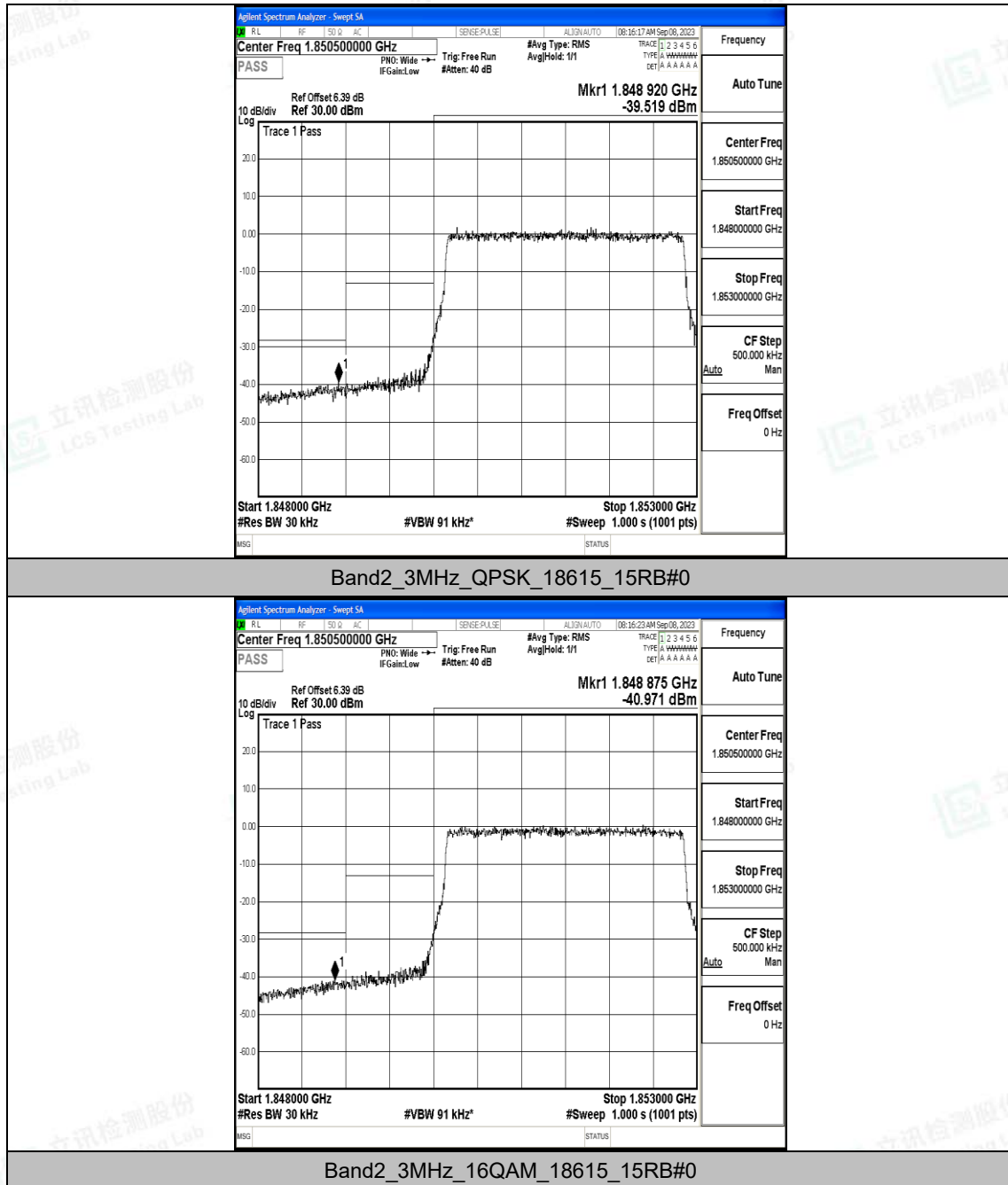
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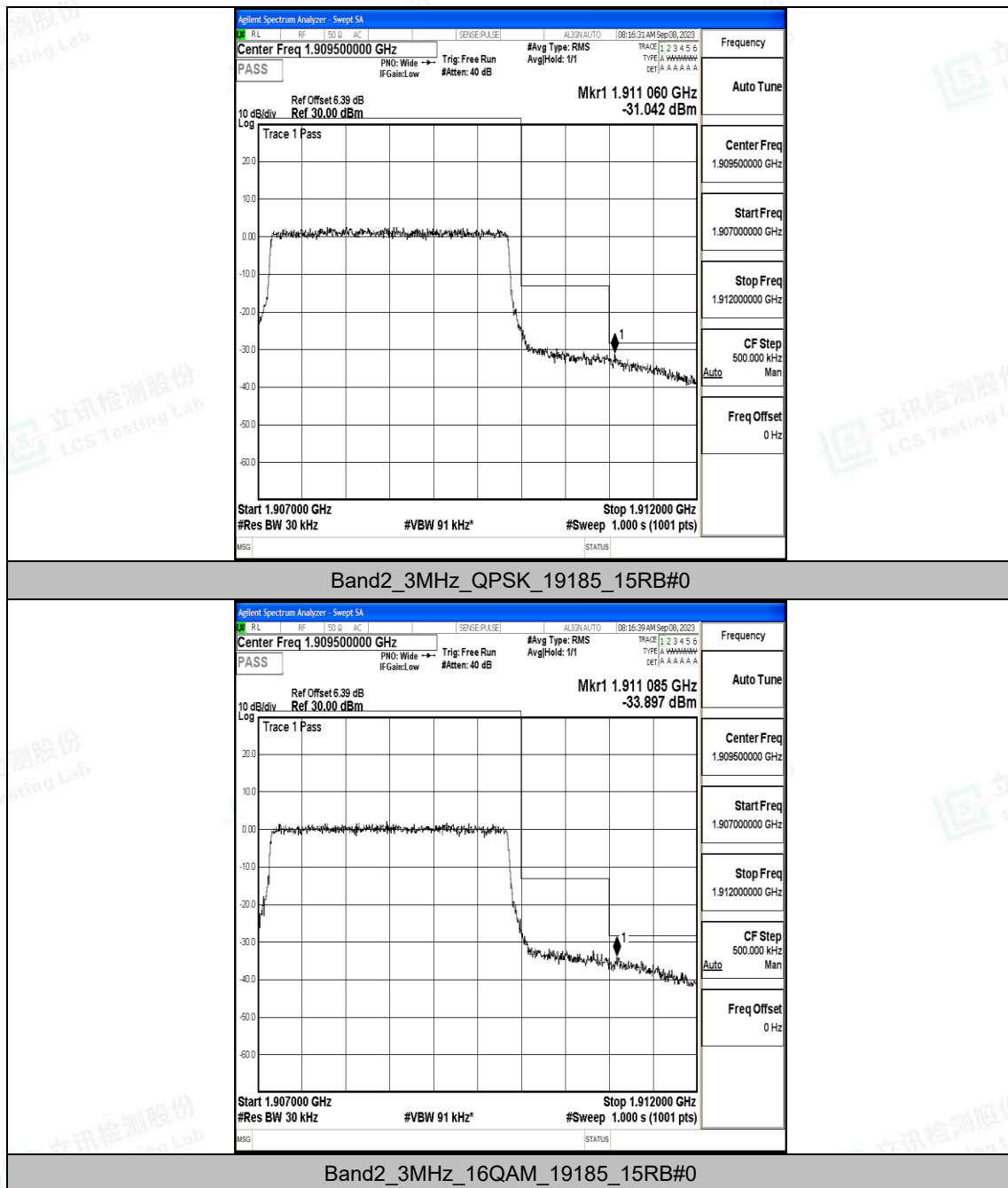


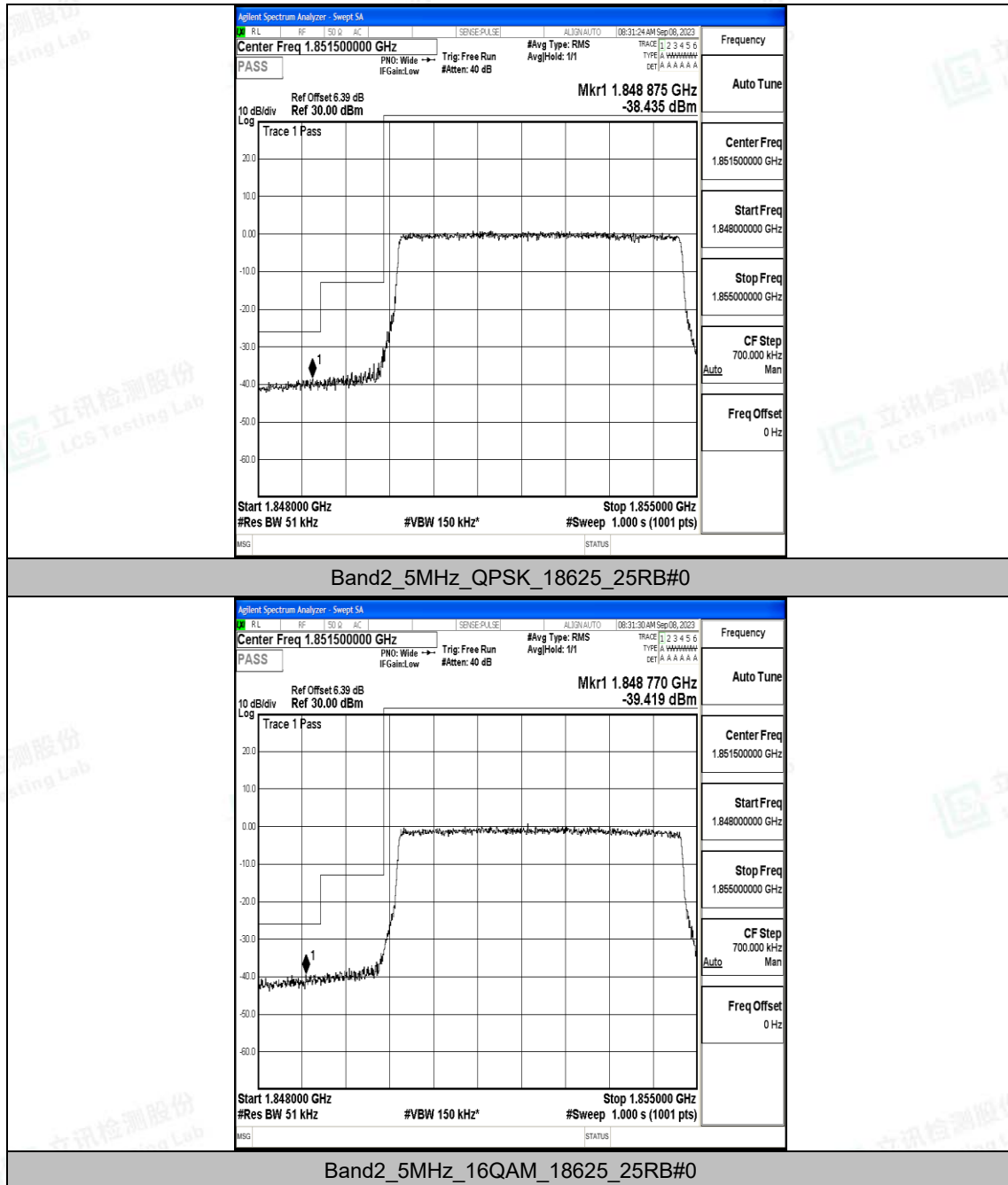
Test Graphs









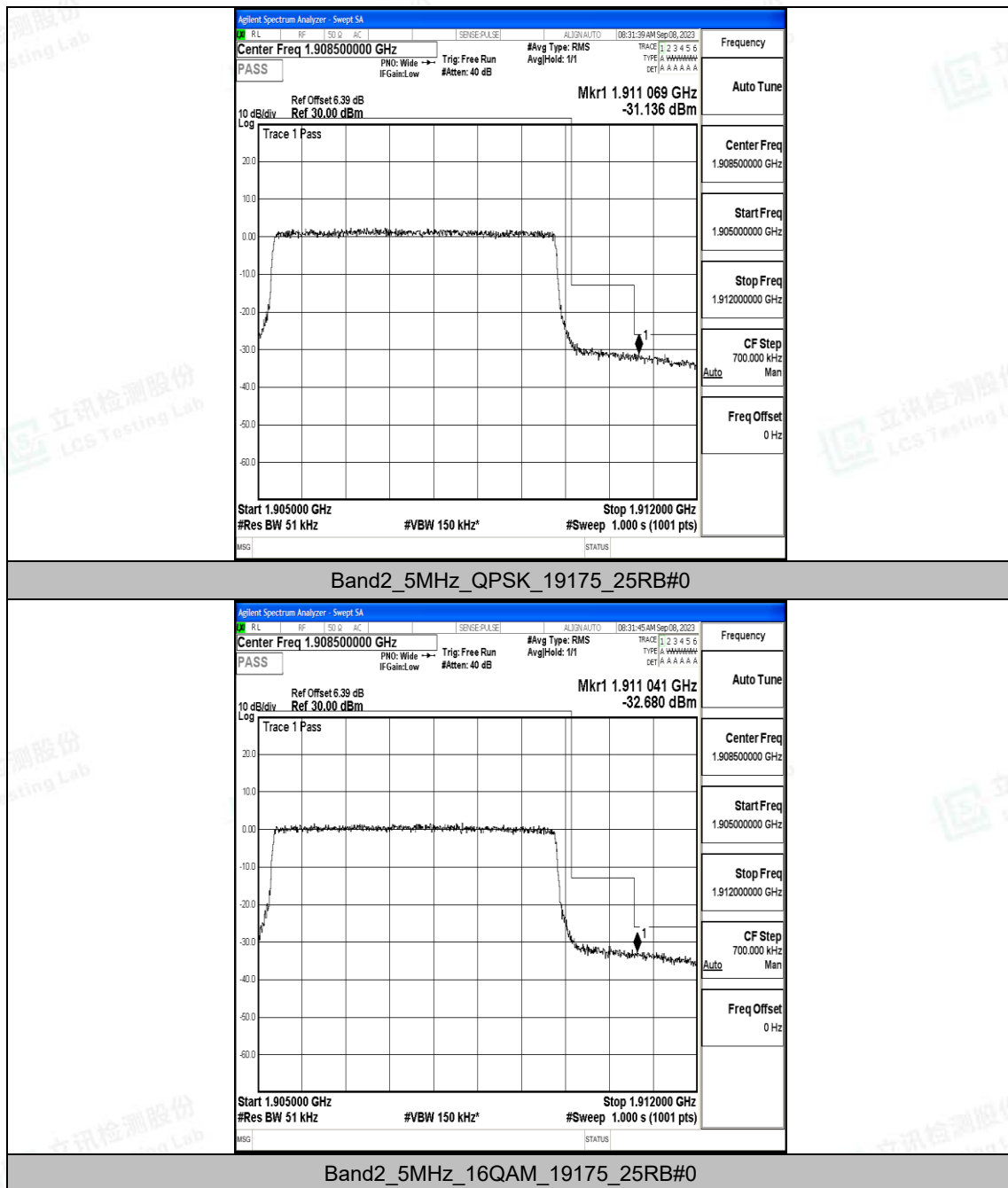


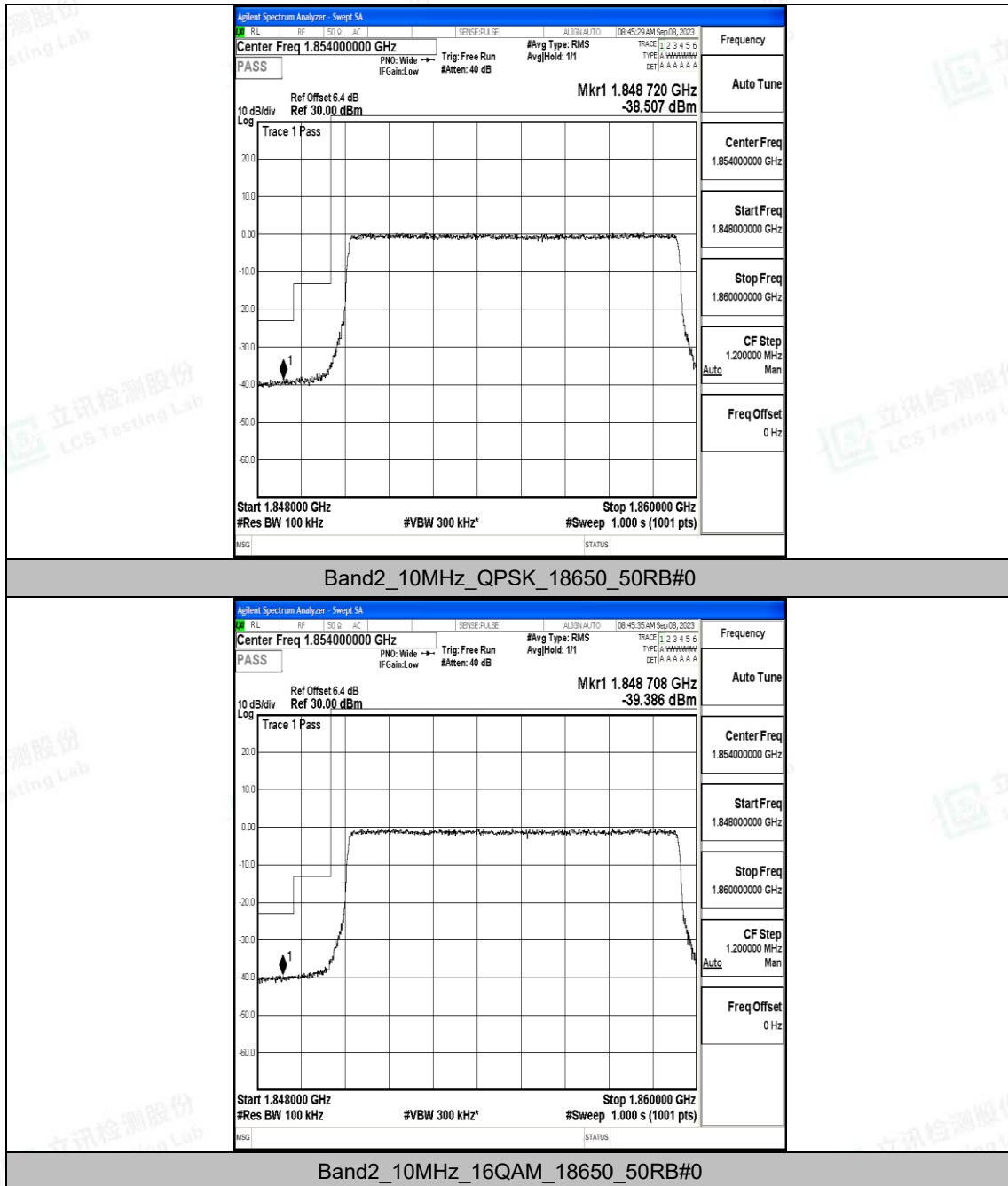
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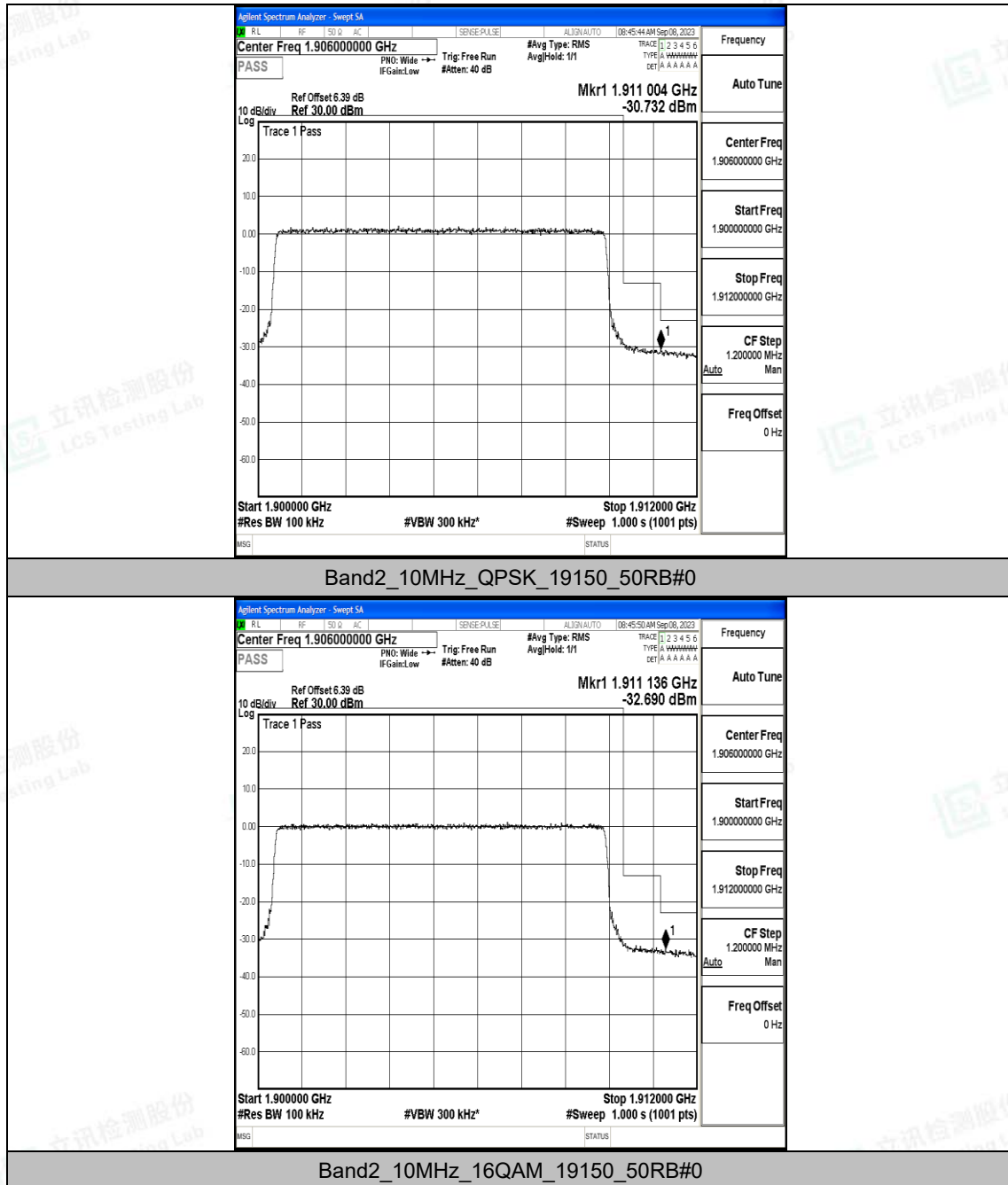
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

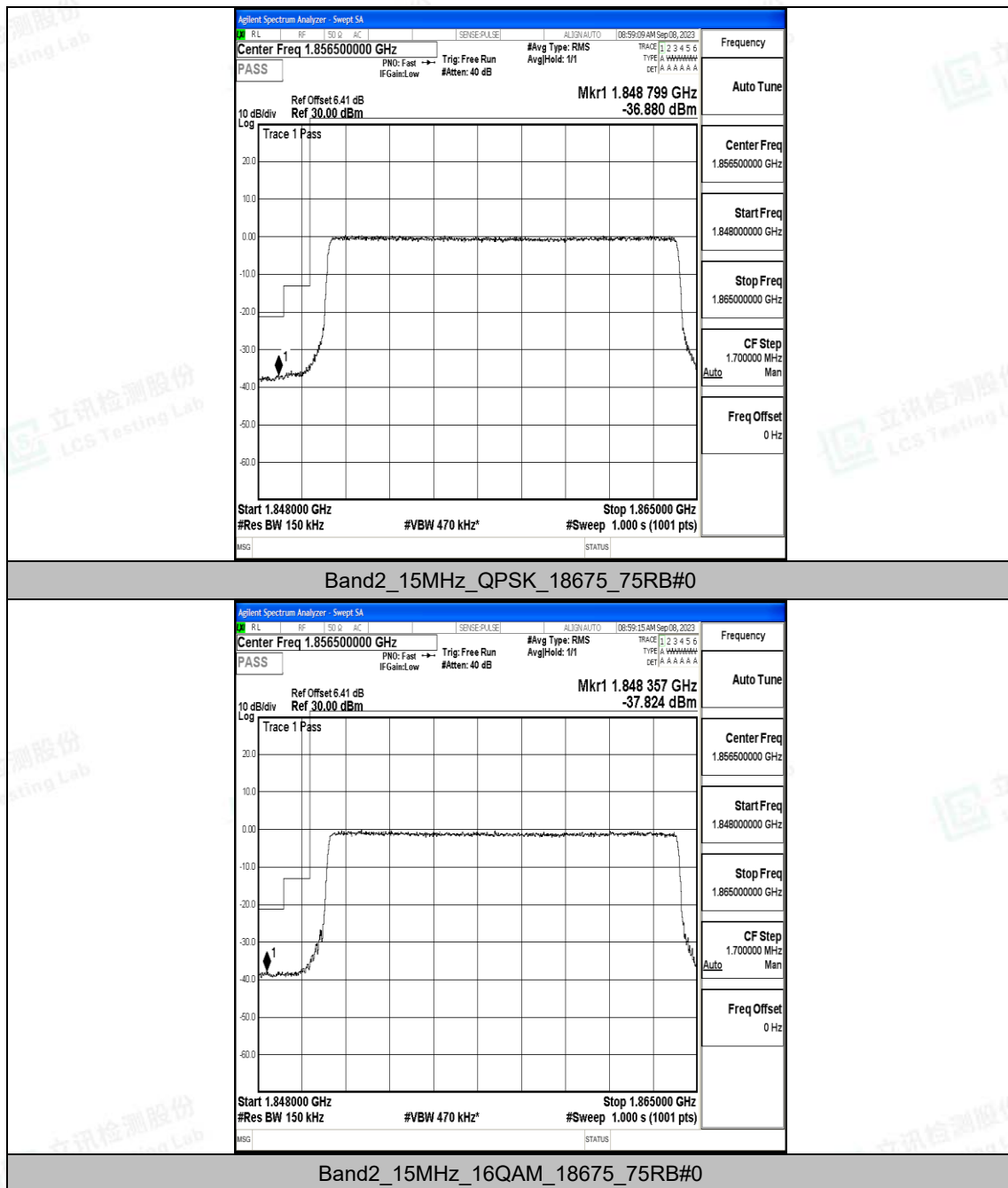
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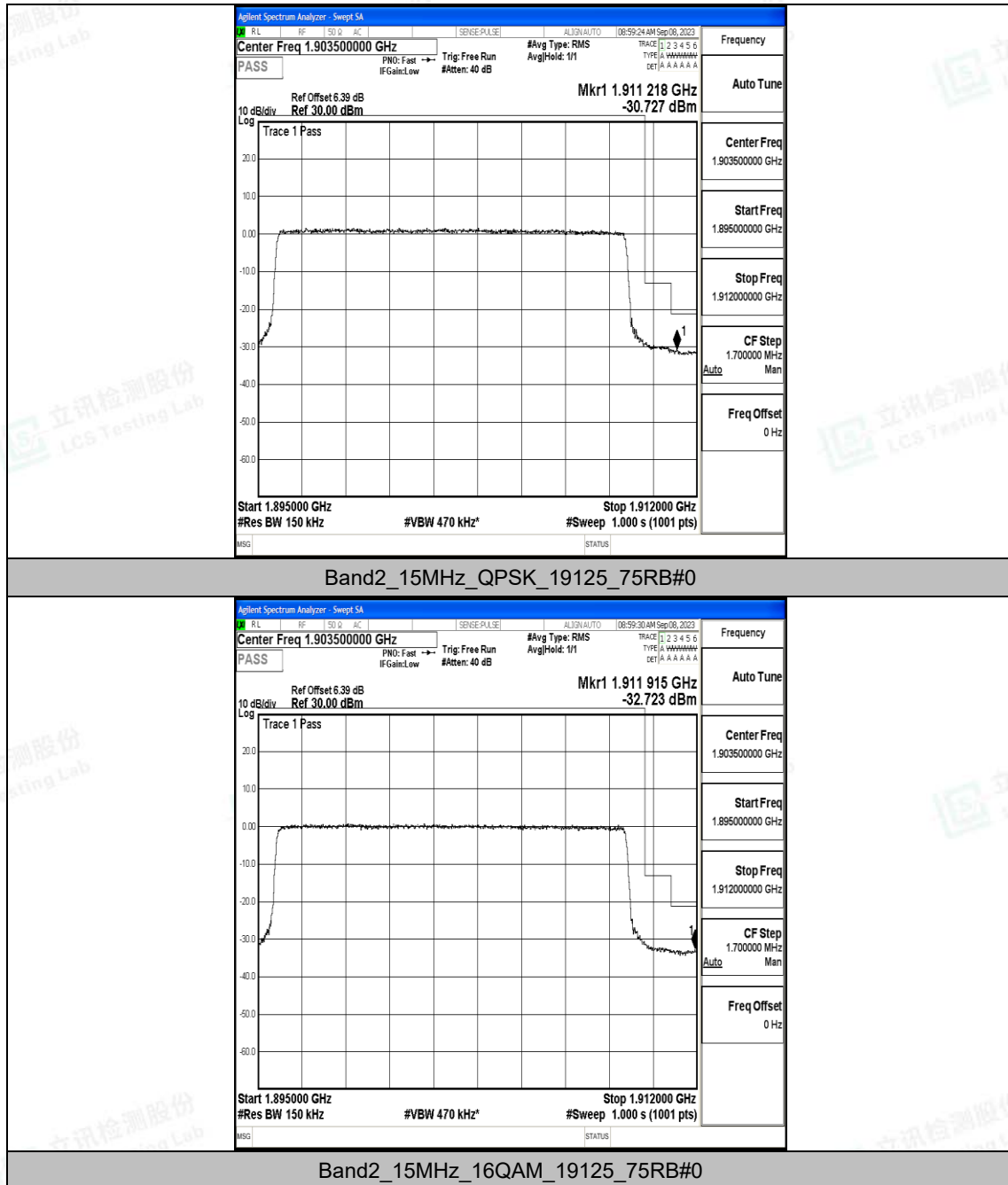


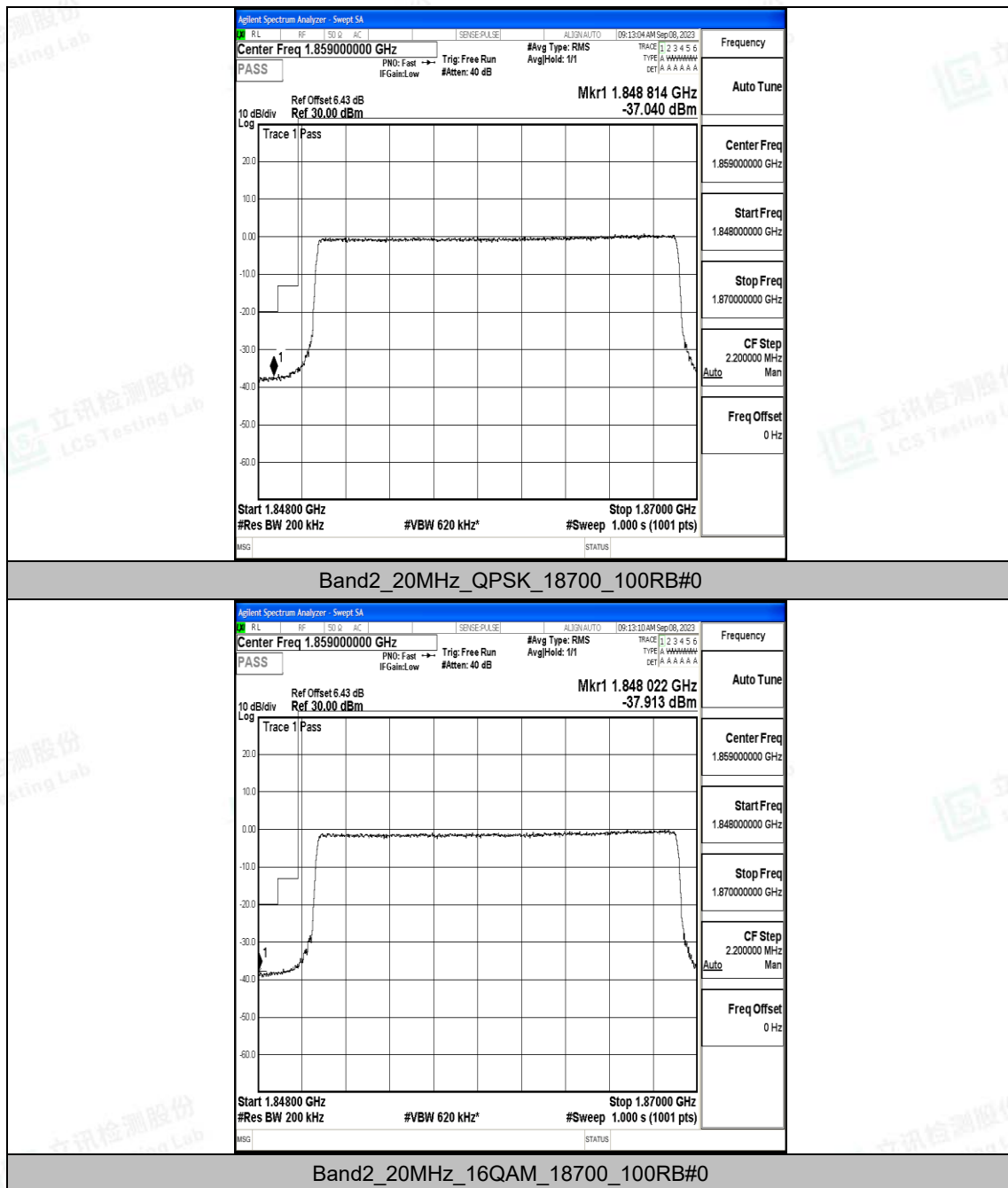
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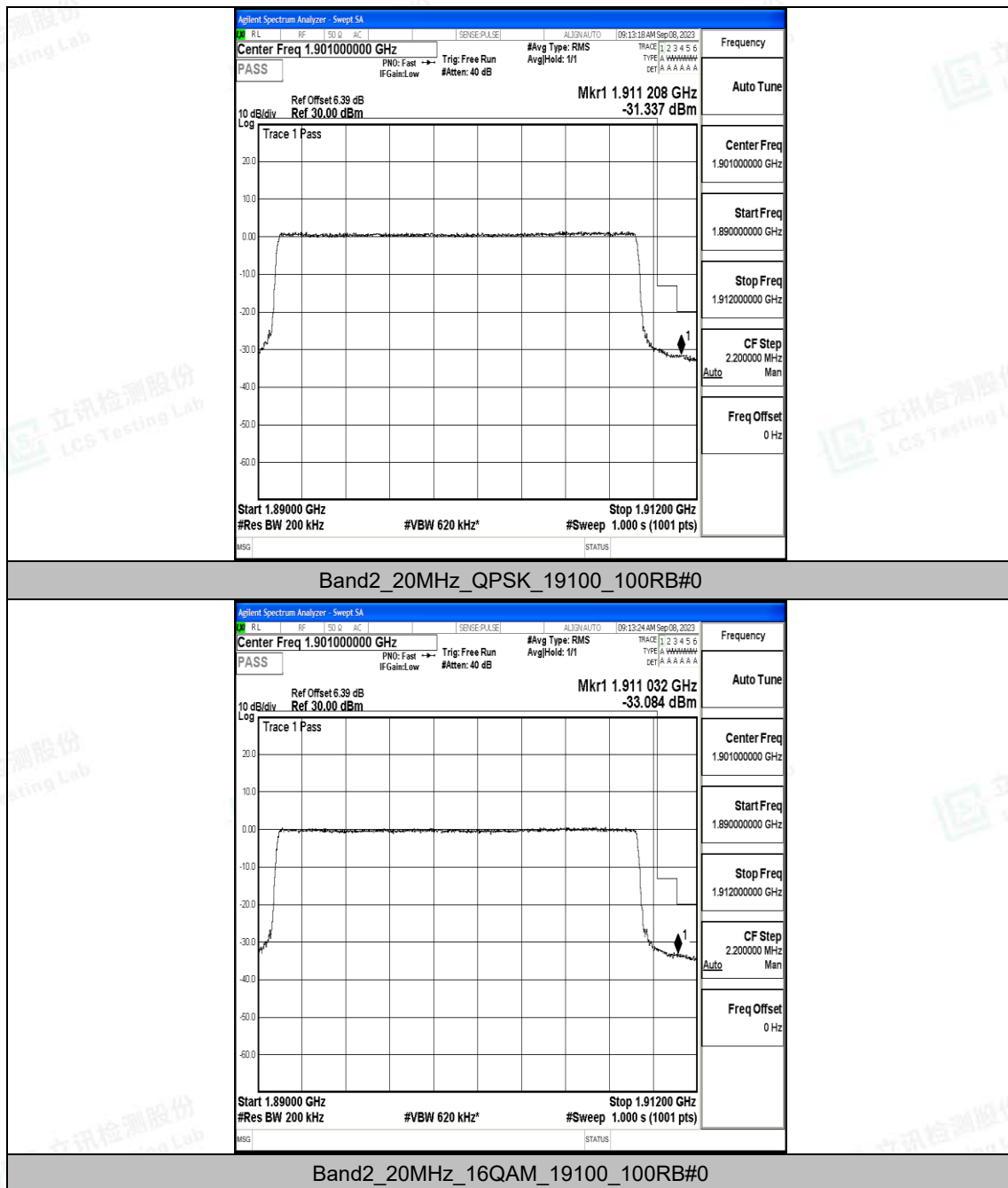
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F.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	0.009~0.15	-66.21	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	0.15~30	-54.98	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	30~1000	-54.60	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	1000~3000	-29.11	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	3000~20000	-34.79	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.009~0.15	-66.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.15~30	-53.81	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	30~1000	-54.69	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	1000~3000	-26.92	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	3000~20000	-34.53	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.009~0.15	-65.84	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.15~30	-54.14	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	30~1000	-54.62	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	1000~3000	-25.58	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	3000~20000	-35.02	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.009~0.15	-64.88	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.15~30	-55.05	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	30~1000	-54.72	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	1000~3000	-25.26	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	3000~20000	-34.79	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.009~0.15	-63.71	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.15~30	-54.96	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	30~1000	-54.61	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	1000~3000	-20.55	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3000~20000	-34.34	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.009~0.15	-64.56	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.15~30	-53.66	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	30~1000	-54.72	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	1000~3000	-26.41	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	3000~20000	-34.48	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.009~0.15	-66.18	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.15~30	-53.20	PASS
Band2	3MHz	QPSK	18615	1RB#0	30~1000	-54.55	PASS
Band2	3MHz	QPSK	18615	1RB#0	1000~3000	-30.78	PASS
Band2	3MHz	QPSK	18615	1RB#0	3000~20000	-34.57	PASS



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Band2	3MHz	16QAM	18615	1RB#0	0.009~0.15	-66.72	PASS
Band2	3MHz	16QAM	18615	1RB#0	0.15~30	-52.92	PASS
Band2	3MHz	16QAM	18615	1RB#0	30~1000	-54.71	PASS
Band2	3MHz	16QAM	18615	1RB#0	1000~3000	-35.07	PASS
Band2	3MHz	16QAM	18615	1RB#0	3000~20000	-34.38	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.009~0.15	-66.03	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.15~30	-51.68	PASS
Band2	3MHz	QPSK	18900	1RB#0	30~1000	-54.67	PASS
Band2	3MHz	QPSK	18900	1RB#0	1000~3000	-29.25	PASS
Band2	3MHz	QPSK	18900	1RB#0	3000~20000	-34.69	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.009~0.15	-66.89	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.15~30	-52.61	PASS
Band2	3MHz	16QAM	18900	1RB#0	30~1000	-54.70	PASS
Band2	3MHz	16QAM	18900	1RB#0	1000~3000	-29.67	PASS
Band2	3MHz	16QAM	18900	1RB#0	3000~20000	-34.83	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.009~0.15	-65.11	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.15~30	-55.95	PASS
Band2	3MHz	QPSK	19185	1RB#0	30~1000	-54.58	PASS
Band2	3MHz	QPSK	19185	1RB#0	1000~3000	-28.35	PASS
Band2	3MHz	QPSK	19185	1RB#0	3000~20000	-34.99	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.009~0.15	-62.79	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.15~30	-54.38	PASS
Band2	3MHz	16QAM	19185	1RB#0	30~1000	-54.64	PASS
Band2	3MHz	16QAM	19185	1RB#0	1000~3000	-31.97	PASS
Band2	3MHz	16QAM	19185	1RB#0	3000~20000	-34.94	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.009~0.15	-67.03	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.15~30	-53.51	PASS
Band2	5MHz	QPSK	18625	1RB#0	30~1000	-54.53	PASS
Band2	5MHz	QPSK	18625	1RB#0	1000~3000	-42.23	PASS
Band2	5MHz	QPSK	18625	1RB#0	3000~20000	-34.86	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.009~0.15	-64.64	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.15~30	-54.64	PASS
Band2	5MHz	16QAM	18625	1RB#0	30~1000	-54.62	PASS
Band2	5MHz	16QAM	18625	1RB#0	1000~3000	-39.54	PASS
Band2	5MHz	16QAM	18625	1RB#0	3000~20000	-34.50	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.009~0.15	-66.58	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.15~30	-53.67	PASS
Band2	5MHz	QPSK	18900	1RB#0	30~1000	-54.71	PASS
Band2	5MHz	QPSK	18900	1RB#0	1000~3000	-38.26	PASS
Band2	5MHz	QPSK	18900	1RB#0	3000~20000	-34.99	PASS



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Band2	5MHz	16QAM	18900	1RB#0	0.009~0.15	-64.31	PASS
Band2	5MHz	16QAM	18900	1RB#0	0.15~30	-52.70	PASS
Band2	5MHz	16QAM	18900	1RB#0	30~1000	-54.68	PASS
Band2	5MHz	16QAM	18900	1RB#0	1000~3000	-39.99	PASS
Band2	5MHz	16QAM	18900	1RB#0	3000~20000	-34.48	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.009~0.15	-64.80	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.15~30	-54.10	PASS
Band2	5MHz	QPSK	19175	1RB#0	30~1000	-54.55	PASS
Band2	5MHz	QPSK	19175	1RB#0	1000~3000	-36.29	PASS
Band2	5MHz	QPSK	19175	1RB#0	3000~20000	-34.77	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.009~0.15	-65.03	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.15~30	-53.47	PASS
Band2	5MHz	16QAM	19175	1RB#0	30~1000	-54.66	PASS
Band2	5MHz	16QAM	19175	1RB#0	1000~3000	-43.12	PASS
Band2	5MHz	16QAM	19175	1RB#0	3000~20000	-34.84	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.009~0.15	-66.77	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.15~30	-54.09	PASS
Band2	10MHz	QPSK	18650	1RB#0	30~1000	-54.61	PASS
Band2	10MHz	QPSK	18650	1RB#0	1000~3000	-49.38	PASS
Band2	10MHz	QPSK	18650	1RB#0	3000~20000	-34.45	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.009~0.15	-66.79	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.15~30	-53.89	PASS
Band2	10MHz	16QAM	18650	1RB#0	30~1000	-54.64	PASS
Band2	10MHz	16QAM	18650	1RB#0	1000~3000	-48.98	PASS
Band2	10MHz	16QAM	18650	1RB#0	3000~20000	-34.31	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.009~0.15	-64.12	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.15~30	-55.42	PASS
Band2	10MHz	QPSK	18900	1RB#0	30~1000	-54.59	PASS
Band2	10MHz	QPSK	18900	1RB#0	1000~3000	-49.63	PASS
Band2	10MHz	QPSK	18900	1RB#0	3000~20000	-34.30	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.009~0.15	-65.69	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.15~30	-54.73	PASS
Band2	10MHz	16QAM	18900	1RB#0	30~1000	-54.58	PASS
Band2	10MHz	16QAM	18900	1RB#0	1000~3000	-49.14	PASS
Band2	10MHz	16QAM	18900	1RB#0	3000~20000	-34.64	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.009~0.15	-63.98	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.15~30	-53.80	PASS
Band2	10MHz	QPSK	19150	1RB#0	30~1000	-54.61	PASS
Band2	10MHz	QPSK	19150	1RB#0	1000~3000	-49.47	PASS
Band2	10MHz	QPSK	19150	1RB#0	3000~20000	-34.21	PASS



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Band2	10MHz	16QAM	19150	1RB#0	0.009~0.15	-64.20	PASS
Band2	10MHz	16QAM	19150	1RB#0	0.15~30	-54.07	PASS
Band2	10MHz	16QAM	19150	1RB#0	30~1000	-54.61	PASS
Band2	10MHz	16QAM	19150	1RB#0	1000~3000	-49.22	PASS
Band2	10MHz	16QAM	19150	1RB#0	3000~20000	-34.65	PASS
Band2	15MHz	QPSK	18675	1RB#0	0.009~0.15	-66.86	PASS
Band2	15MHz	QPSK	18675	1RB#0	0.15~30	-52.40	PASS
Band2	15MHz	QPSK	18675	1RB#0	30~1000	-54.63	PASS
Band2	15MHz	QPSK	18675	1RB#0	1000~3000	-49.17	PASS
Band2	15MHz	QPSK	18675	1RB#0	3000~20000	-34.54	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.009~0.15	-64.97	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.15~30	-51.84	PASS
Band2	15MHz	16QAM	18675	1RB#0	30~1000	-54.64	PASS
Band2	15MHz	16QAM	18675	1RB#0	1000~3000	-49.37	PASS
Band2	15MHz	16QAM	18675	1RB#0	3000~20000	-34.86	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.009~0.15	-66.63	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.15~30	-52.79	PASS
Band2	15MHz	QPSK	18900	1RB#0	30~1000	-54.55	PASS
Band2	15MHz	QPSK	18900	1RB#0	1000~3000	-49.36	PASS
Band2	15MHz	QPSK	18900	1RB#0	3000~20000	-34.66	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.009~0.15	-65.34	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.15~30	-53.10	PASS
Band2	15MHz	16QAM	18900	1RB#0	30~1000	-54.65	PASS
Band2	15MHz	16QAM	18900	1RB#0	1000~3000	-49.05	PASS
Band2	15MHz	16QAM	18900	1RB#0	3000~20000	-34.76	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.009~0.15	-63.79	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.15~30	-52.31	PASS
Band2	15MHz	QPSK	19125	1RB#0	30~1000	-54.54	PASS
Band2	15MHz	QPSK	19125	1RB#0	1000~3000	-49.32	PASS
Band2	15MHz	QPSK	19125	1RB#0	3000~20000	-34.67	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.009~0.15	-66.82	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.15~30	-53.74	PASS
Band2	15MHz	16QAM	19125	1RB#0	30~1000	-54.49	PASS
Band2	15MHz	16QAM	19125	1RB#0	1000~3000	-49.34	PASS
Band2	15MHz	16QAM	19125	1RB#0	3000~20000	-34.61	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.009~0.15	-67.57	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.15~30	-54.34	PASS
Band2	20MHz	QPSK	18700	1RB#0	30~1000	-54.57	PASS
Band2	20MHz	QPSK	18700	1RB#0	1000~3000	-42.26	PASS
Band2	20MHz	QPSK	18700	1RB#0	3000~20000	-34.64	PASS



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Band2	20MHz	16QAM	18700	1RB#0	0.009~0.15	-68.77	PASS
Band2	20MHz	16QAM	18700	1RB#0	0.15~30	-53.09	PASS
Band2	20MHz	16QAM	18700	1RB#0	30~1000	-54.60	PASS
Band2	20MHz	16QAM	18700	1RB#0	1000~3000	-43.78	PASS
Band2	20MHz	16QAM	18700	1RB#0	3000~20000	-34.53	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.009~0.15	-67.83	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.15~30	-53.51	PASS
Band2	20MHz	QPSK	18900	1RB#0	30~1000	-54.65	PASS
Band2	20MHz	QPSK	18900	1RB#0	1000~3000	-49.17	PASS
Band2	20MHz	QPSK	18900	1RB#0	3000~20000	-34.98	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.009~0.15	-66.62	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.15~30	-55.01	PASS
Band2	20MHz	16QAM	18900	1RB#0	30~1000	-54.59	PASS
Band2	20MHz	16QAM	18900	1RB#0	1000~3000	-49.32	PASS
Band2	20MHz	16QAM	18900	1RB#0	3000~20000	-34.64	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.009~0.15	-67.09	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.15~30	-53.02	PASS
Band2	20MHz	QPSK	19100	1RB#0	30~1000	-54.66	PASS
Band2	20MHz	QPSK	19100	1RB#0	1000~3000	-49.57	PASS
Band2	20MHz	QPSK	19100	1RB#0	3000~20000	-35.09	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.009~0.15	-68.11	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.15~30	-53.64	PASS
Band2	20MHz	16QAM	19100	1RB#0	30~1000	-54.56	PASS
Band2	20MHz	16QAM	19100	1RB#0	1000~3000	-49.44	PASS
Band2	20MHz	16QAM	19100	1RB#0	3000~20000	-34.55	PASS



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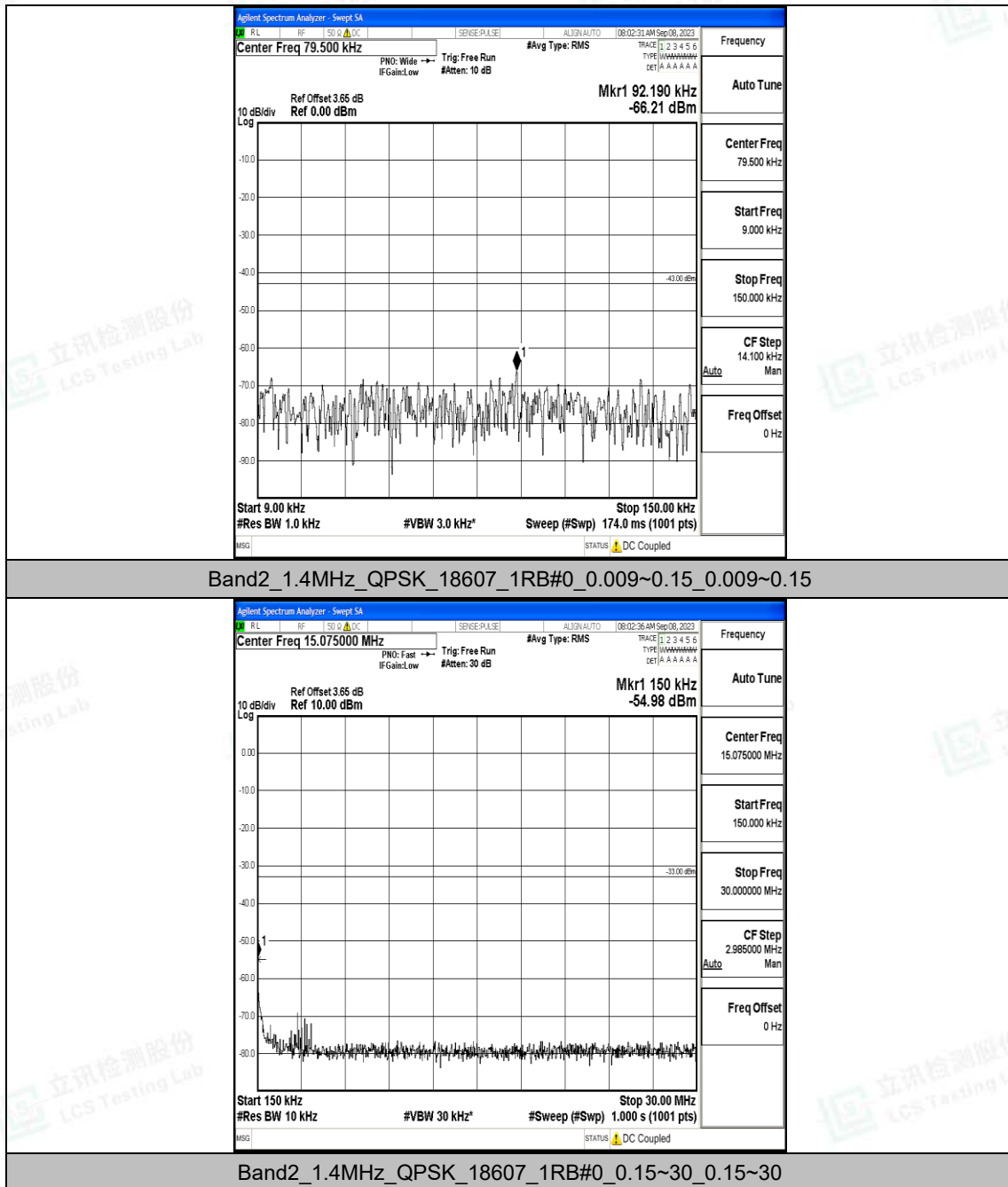
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

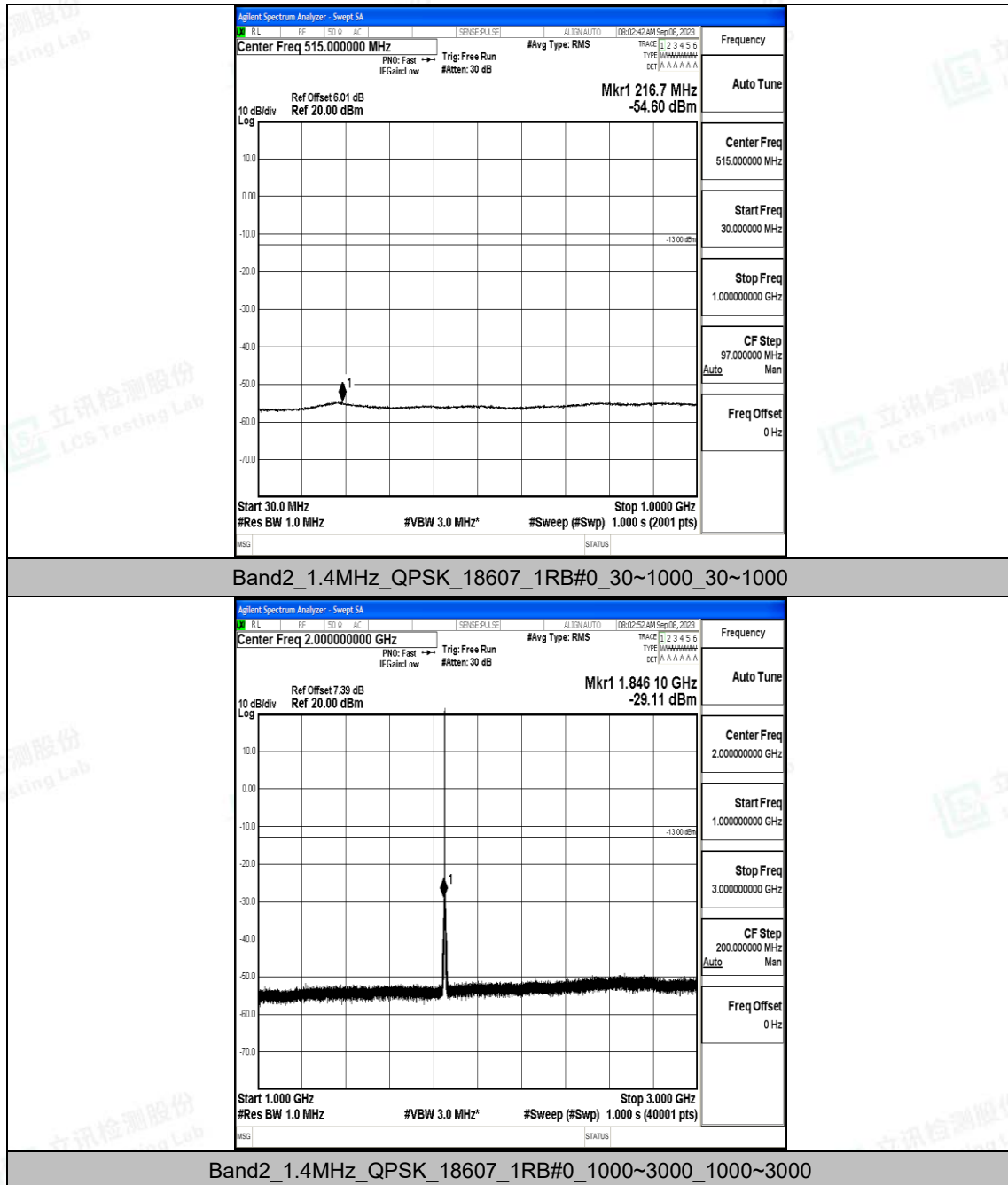
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

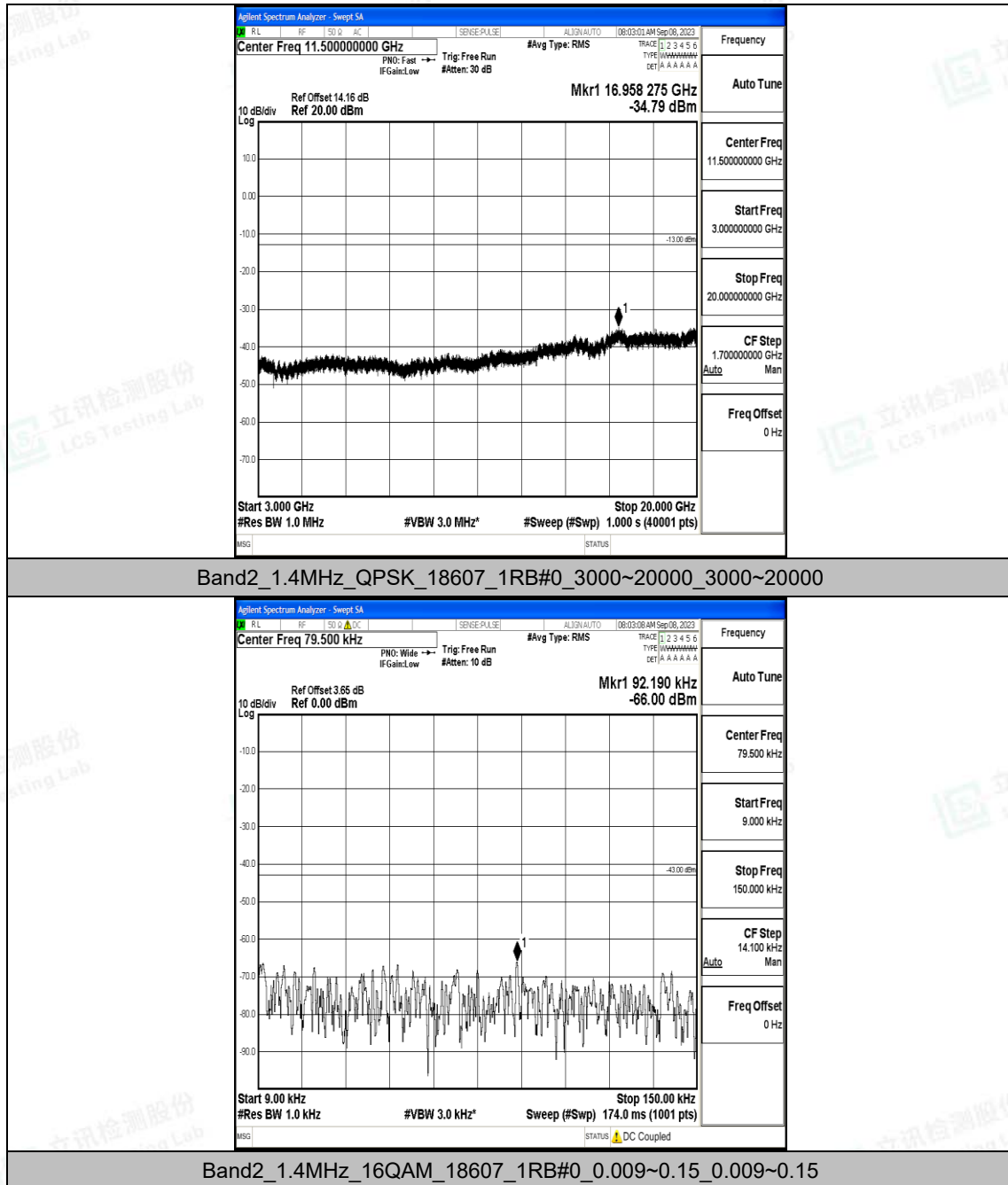
Scan code to check authenticity

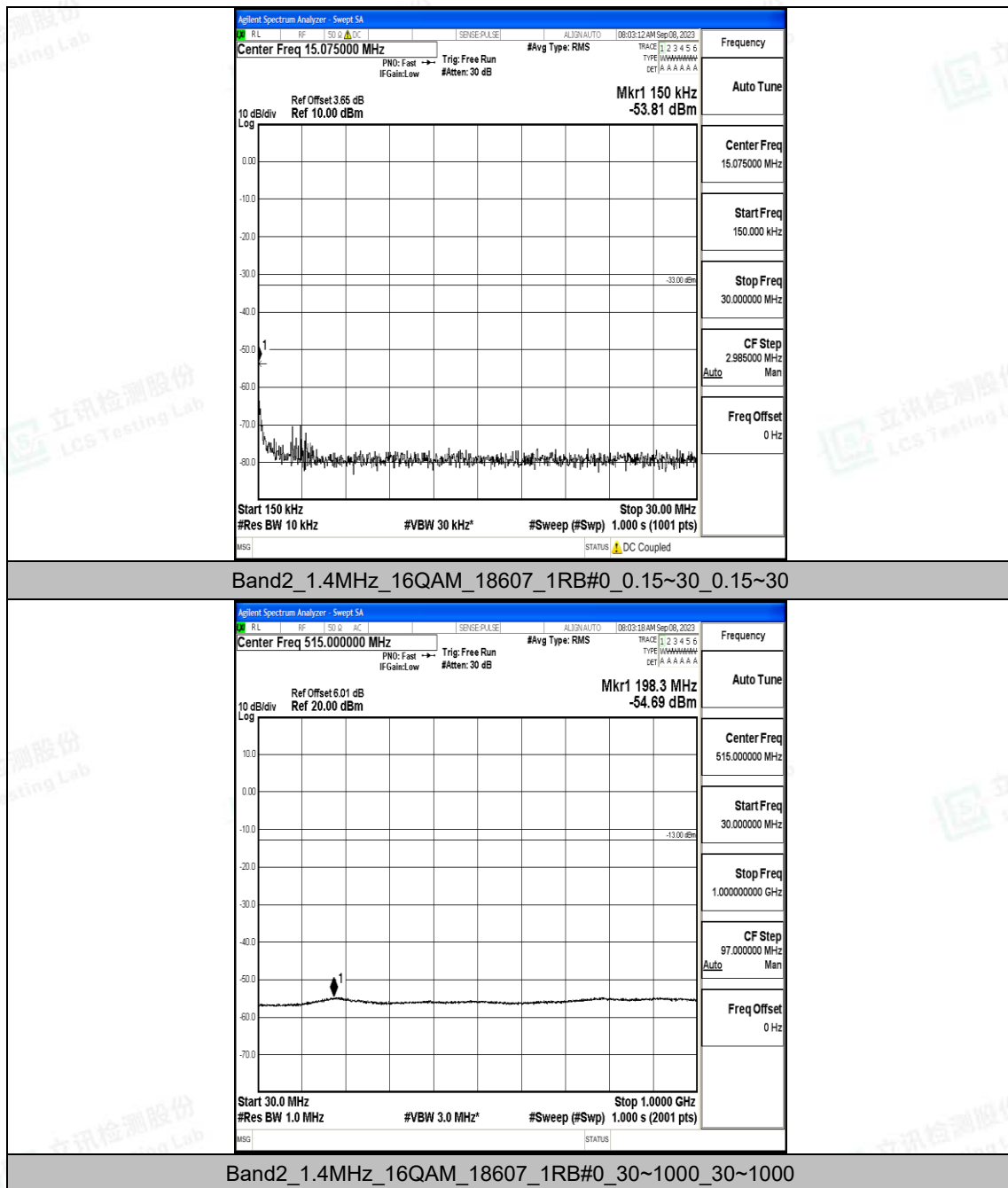


Test Graphs









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