



Appendix D: Test Data for E-UTRA Band 2

Product Name: Smart POS

Test Model: WIZARPOS Q3B

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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D.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	21.33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.50	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	21.24	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	21.44	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	21.20	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	21.44	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	21.22	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	20.21	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	21.22	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	20.20	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	21.23	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	20.23	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	20.23	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	19.76	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	21.87	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.15	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	21.92	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	21.24	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.01	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	21.31	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	21.59	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	20.60	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	21.70	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	20.62	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	21.69	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	20.61	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	20.75	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.05	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.45	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.26	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.49	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.32	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.50	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.32	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	22.41	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.54	PASS



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Band2	1.4MHz	QPSK	19193	3RB#1	22.40	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	21.50	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.48	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	21.52	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.55	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.63	PASS
Band2	3MHz	QPSK	18615	1RB#0	21.20	PASS
Band2	3MHz	16QAM	18615	1RB#0	20.47	PASS
Band2	3MHz	QPSK	18615	1RB#8	21.23	PASS
Band2	3MHz	16QAM	18615	1RB#8	20.47	PASS
Band2	3MHz	QPSK	18615	1RB#14	21.24	PASS
Band2	3MHz	16QAM	18615	1RB#14	20.50	PASS
Band2	3MHz	QPSK	18615	8RB#0	20.34	PASS
Band2	3MHz	16QAM	18615	8RB#0	19.58	PASS
Band2	3MHz	QPSK	18615	8RB#4	20.35	PASS
Band2	3MHz	16QAM	18615	8RB#4	19.52	PASS
Band2	3MHz	QPSK	18615	8RB#7	20.29	PASS
Band2	3MHz	16QAM	18615	8RB#7	19.57	PASS
Band2	3MHz	QPSK	18615	15RB#0	20.32	PASS
Band2	3MHz	16QAM	18615	15RB#0	19.46	PASS
Band2	3MHz	QPSK	18900	1RB#0	21.67	PASS
Band2	3MHz	16QAM	18900	1RB#0	20.60	PASS
Band2	3MHz	QPSK	18900	1RB#8	21.78	PASS
Band2	3MHz	16QAM	18900	1RB#8	20.64	PASS
Band2	3MHz	QPSK	18900	1RB#14	21.85	PASS
Band2	3MHz	16QAM	18900	1RB#14	20.72	PASS
Band2	3MHz	QPSK	18900	8RB#0	20.64	PASS
Band2	3MHz	16QAM	18900	8RB#0	19.89	PASS
Band2	3MHz	QPSK	18900	8RB#4	20.65	PASS
Band2	3MHz	16QAM	18900	8RB#4	19.90	PASS
Band2	3MHz	QPSK	18900	8RB#7	20.77	PASS
Band2	3MHz	16QAM	18900	8RB#7	20.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	20.73	PASS
Band2	3MHz	16QAM	18900	15RB#0	19.92	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.41	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.25	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.49	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.25	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.49	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.25	PASS



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Band2	3MHz	QPSK	19185	8RB#0	21.57	PASS
Band2	3MHz	16QAM	19185	8RB#0	20.85	PASS
Band2	3MHz	QPSK	19185	8RB#4	21.57	PASS
Band2	3MHz	16QAM	19185	8RB#4	20.84	PASS
Band2	3MHz	QPSK	19185	8RB#7	21.53	PASS
Band2	3MHz	16QAM	19185	8RB#7	20.91	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.64	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.67	PASS
Band2	5MHz	QPSK	18625	1RB#0	21.32	PASS
Band2	5MHz	16QAM	18625	1RB#0	19.82	PASS
Band2	5MHz	QPSK	18625	1RB#12	21.31	PASS
Band2	5MHz	16QAM	18625	1RB#12	19.86	PASS
Band2	5MHz	QPSK	18625	1RB#24	21.28	PASS
Band2	5MHz	16QAM	18625	1RB#24	19.81	PASS
Band2	5MHz	QPSK	18625	12RB#0	20.31	PASS
Band2	5MHz	16QAM	18625	12RB#0	19.37	PASS
Band2	5MHz	QPSK	18625	12RB#6	20.32	PASS
Band2	5MHz	16QAM	18625	12RB#6	19.37	PASS
Band2	5MHz	QPSK	18625	12RB#13	20.28	PASS
Band2	5MHz	16QAM	18625	12RB#13	19.43	PASS
Band2	5MHz	QPSK	18625	25RB#0	20.36	PASS
Band2	5MHz	16QAM	18625	25RB#0	19.57	PASS
Band2	5MHz	QPSK	18900	1RB#0	21.61	PASS
Band2	5MHz	16QAM	18900	1RB#0	20.11	PASS
Band2	5MHz	QPSK	18900	1RB#12	21.76	PASS
Band2	5MHz	16QAM	18900	1RB#12	20.33	PASS
Band2	5MHz	QPSK	18900	1RB#24	21.83	PASS
Band2	5MHz	16QAM	18900	1RB#24	20.33	PASS
Band2	5MHz	QPSK	18900	12RB#0	20.74	PASS
Band2	5MHz	16QAM	18900	12RB#0	19.82	PASS
Band2	5MHz	QPSK	18900	12RB#6	20.64	PASS
Band2	5MHz	16QAM	18900	12RB#6	19.83	PASS
Band2	5MHz	QPSK	18900	12RB#13	20.85	PASS
Band2	5MHz	16QAM	18900	12RB#13	19.93	PASS
Band2	5MHz	QPSK	18900	25RB#0	20.81	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.02	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.30	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.84	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.40	PASS
Band2	5MHz	16QAM	19175	1RB#12	21.93	PASS



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Band2	5MHz	QPSK	19175	1RB#24	22.46	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.99	PASS
Band2	5MHz	QPSK	19175	12RB#0	21.63	PASS
Band2	5MHz	16QAM	19175	12RB#0	20.75	PASS
Band2	5MHz	QPSK	19175	12RB#6	21.64	PASS
Band2	5MHz	16QAM	19175	12RB#6	20.76	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.51	PASS
Band2	5MHz	16QAM	19175	12RB#13	20.83	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.59	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.79	PASS
Band2	10MHz	QPSK	18650	1RB#0	21.29	PASS
Band2	10MHz	16QAM	18650	1RB#0	20.58	PASS
Band2	10MHz	QPSK	18650	1RB#24	21.19	PASS
Band2	10MHz	16QAM	18650	1RB#24	20.59	PASS
Band2	10MHz	QPSK	18650	1RB#49	21.21	PASS
Band2	10MHz	16QAM	18650	1RB#49	20.50	PASS
Band2	10MHz	QPSK	18650	25RB#0	20.30	PASS
Band2	10MHz	16QAM	18650	25RB#0	19.48	PASS
Band2	10MHz	QPSK	18650	25RB#12	20.32	PASS
Band2	10MHz	16QAM	18650	25RB#12	19.49	PASS
Band2	10MHz	QPSK	18650	25RB#25	20.06	PASS
Band2	10MHz	16QAM	18650	25RB#25	19.37	PASS
Band2	10MHz	QPSK	18650	50RB#0	20.33	PASS
Band2	10MHz	16QAM	18650	50RB#0	19.38	PASS
Band2	10MHz	QPSK	18900	1RB#0	21.39	PASS
Band2	10MHz	16QAM	18900	1RB#0	20.80	PASS
Band2	10MHz	QPSK	18900	1RB#24	21.59	PASS
Band2	10MHz	16QAM	18900	1RB#24	20.95	PASS
Band2	10MHz	QPSK	18900	1RB#49	21.80	PASS
Band2	10MHz	16QAM	18900	1RB#49	21.13	PASS
Band2	10MHz	QPSK	18900	25RB#0	20.52	PASS
Band2	10MHz	16QAM	18900	25RB#0	19.84	PASS
Band2	10MHz	QPSK	18900	25RB#12	20.68	PASS
Band2	10MHz	16QAM	18900	25RB#12	19.85	PASS
Band2	10MHz	QPSK	18900	25RB#25	20.96	PASS
Band2	10MHz	16QAM	18900	25RB#25	20.01	PASS
Band2	10MHz	QPSK	18900	50RB#0	20.68	PASS
Band2	10MHz	16QAM	18900	50RB#0	20.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.12	PASS
Band2	10MHz	16QAM	19150	1RB#0	21.44	PASS



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Band2	10MHz	QPSK	19150	1RB#24	22.39	PASS
Band2	10MHz	16QAM	19150	1RB#24	21.38	PASS
Band2	10MHz	QPSK	19150	1RB#49	21.57	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.13	PASS
Band2	10MHz	QPSK	19150	25RB#0	20.53	PASS
Band2	10MHz	16QAM	19150	25RB#0	20.08	PASS
Band2	10MHz	QPSK	19150	25RB#12	21.41	PASS
Band2	10MHz	16QAM	19150	25RB#12	19.80	PASS
Band2	10MHz	QPSK	19150	25RB#25	21.07	PASS
Band2	10MHz	16QAM	19150	25RB#25	20.29	PASS
Band2	10MHz	QPSK	19150	50RB#0	20.71	PASS
Band2	10MHz	16QAM	19150	50RB#0	19.85	PASS
Band2	15MHz	QPSK	18675	1RB#0	21.26	PASS
Band2	15MHz	16QAM	18675	1RB#0	20.61	PASS
Band2	15MHz	QPSK	18675	1RB#38	21.22	PASS
Band2	15MHz	16QAM	18675	1RB#38	20.58	PASS
Band2	15MHz	QPSK	18675	1RB#74	21.23	PASS
Band2	15MHz	16QAM	18675	1RB#74	20.55	PASS
Band2	15MHz	QPSK	18675	38RB#0	20.24	PASS
Band2	15MHz	16QAM	18675	38RB#0	20.24	PASS
Band2	15MHz	QPSK	18675	38RB#18	20.24	PASS
Band2	15MHz	16QAM	18675	38RB#18	20.24	PASS
Band2	15MHz	QPSK	18675	38RB#37	20.23	PASS
Band2	15MHz	16QAM	18675	38RB#37	20.23	PASS
Band2	15MHz	QPSK	18675	75RB#0	20.23	PASS
Band2	15MHz	16QAM	18675	75RB#0	19.39	PASS
Band2	15MHz	QPSK	18900	1RB#0	21.37	PASS
Band2	15MHz	16QAM	18900	1RB#0	20.74	PASS
Band2	15MHz	QPSK	18900	1RB#38	21.61	PASS
Band2	15MHz	16QAM	18900	1RB#38	20.90	PASS
Band2	15MHz	QPSK	18900	1RB#74	21.83	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.27	PASS
Band2	15MHz	QPSK	18900	38RB#0	20.83	PASS
Band2	15MHz	16QAM	18900	38RB#0	20.83	PASS
Band2	15MHz	QPSK	18900	38RB#18	20.83	PASS
Band2	15MHz	16QAM	18900	38RB#18	20.83	PASS
Band2	15MHz	QPSK	18900	38RB#37	20.83	PASS
Band2	15MHz	16QAM	18900	38RB#37	20.83	PASS
Band2	15MHz	QPSK	18900	75RB#0	20.83	PASS
Band2	15MHz	16QAM	18900	75RB#0	19.90	PASS



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Band2	15MHz	QPSK	19125	1RB#0	21.80	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.37	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.55	PASS
Band2	15MHz	QPSK	19125	1RB#74	21.97	PASS
Band2	15MHz	16QAM	19125	1RB#74	20.80	PASS
Band2	15MHz	QPSK	19125	38RB#0	20.86	PASS
Band2	15MHz	16QAM	19125	38RB#0	20.81	PASS
Band2	15MHz	QPSK	19125	38RB#18	21.18	PASS
Band2	15MHz	16QAM	19125	38RB#18	20.76	PASS
Band2	15MHz	QPSK	19125	38RB#37	21.01	PASS
Band2	15MHz	16QAM	19125	38RB#37	20.96	PASS
Band2	15MHz	QPSK	19125	75RB#0	20.75	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.06	PASS
Band2	20MHz	QPSK	18700	1RB#0	21.60	PASS
Band2	20MHz	16QAM	18700	1RB#0	20.63	PASS
Band2	20MHz	QPSK	18700	1RB#49	21.57	PASS
Band2	20MHz	16QAM	18700	1RB#49	20.21	PASS
Band2	20MHz	QPSK	18700	1RB#99	20.47	PASS
Band2	20MHz	16QAM	18700	1RB#99	19.91	PASS
Band2	20MHz	QPSK	18700	50RB#0	19.44	PASS
Band2	20MHz	16QAM	18700	50RB#0	18.80	PASS
Band2	20MHz	QPSK	18700	50RB#25	19.34	PASS
Band2	20MHz	16QAM	18700	50RB#25	18.85	PASS
Band2	20MHz	QPSK	18700	50RB#50	19.50	PASS
Band2	20MHz	16QAM	18700	50RB#50	19.27	PASS
Band2	20MHz	QPSK	18700	100RB#0	19.45	PASS
Band2	20MHz	16QAM	18700	100RB#0	18.93	PASS
Band2	20MHz	QPSK	18900	1RB#0	21.56	PASS
Band2	20MHz	16QAM	18900	1RB#0	20.66	PASS
Band2	20MHz	QPSK	18900	1RB#49	21.85	PASS
Band2	20MHz	16QAM	18900	1RB#49	20.59	PASS
Band2	20MHz	QPSK	18900	1RB#99	21.06	PASS
Band2	20MHz	16QAM	18900	1RB#99	20.39	PASS
Band2	20MHz	QPSK	18900	50RB#0	19.81	PASS
Band2	20MHz	16QAM	18900	50RB#0	19.63	PASS
Band2	20MHz	QPSK	18900	50RB#25	19.97	PASS
Band2	20MHz	16QAM	18900	50RB#25	19.56	PASS
Band2	20MHz	QPSK	18900	50RB#50	20.09	PASS
Band2	20MHz	16QAM	18900	50RB#50	19.93	PASS



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Band2	20MHz	QPSK	18900	100RB#0	20.44	PASS
Band2	20MHz	16QAM	18900	100RB#0	19.83	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.16	PASS
Band2	20MHz	16QAM	19100	1RB#0	21.01	PASS
Band2	20MHz	QPSK	19100	1RB#49	21.43	PASS
Band2	20MHz	16QAM	19100	1RB#49	20.87	PASS
Band2	20MHz	QPSK	19100	1RB#99	21.75	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.14	PASS
Band2	20MHz	QPSK	19100	50RB#0	20.40	PASS
Band2	20MHz	16QAM	19100	50RB#0	19.60	PASS
Band2	20MHz	QPSK	19100	50RB#25	20.27	PASS
Band2	20MHz	16QAM	19100	50RB#25	19.49	PASS
Band2	20MHz	QPSK	19100	50RB#50	20.51	PASS
Band2	20MHz	16QAM	19100	50RB#50	19.81	PASS
Band2	20MHz	QPSK	19100	100RB#0	20.53	PASS
Band2	20MHz	16QAM	19100	100RB#0	19.65	PASS





D.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	4.86	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.69	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	4.58	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	5.38	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.23	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.12	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	4.90	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.65	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	4.72	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	5.54	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	4.25	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	4.87	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.89	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.65	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.62	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	5.32	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.24	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.96	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.11	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	5.74	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	4.60	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	5.39	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	4.39	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	5.09	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.43	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.01	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.01	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	5.63	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	4.92	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	5.36	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.44	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.24	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.09	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.80	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	4.97	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.62	13	PASS



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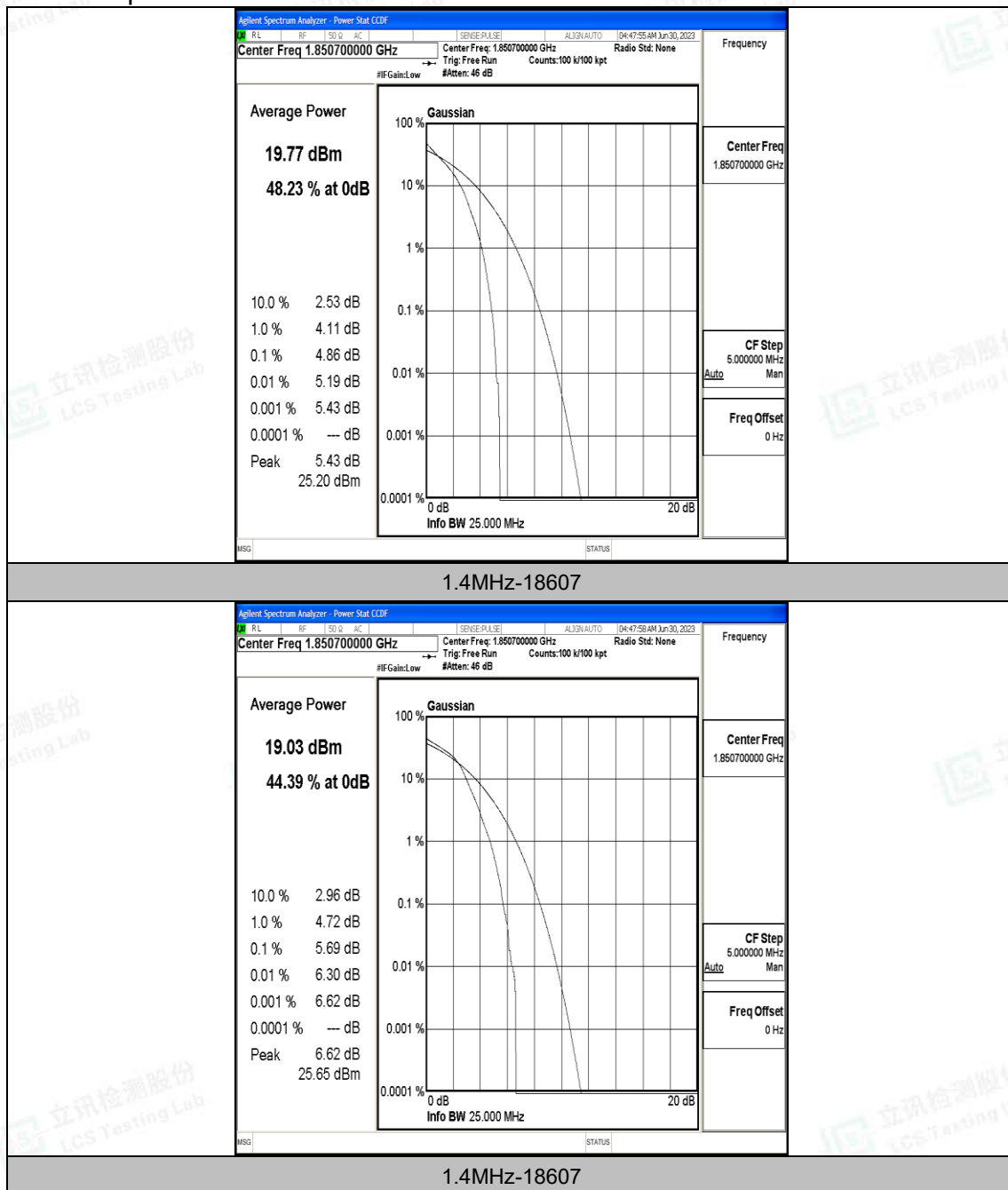
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Test Graphs

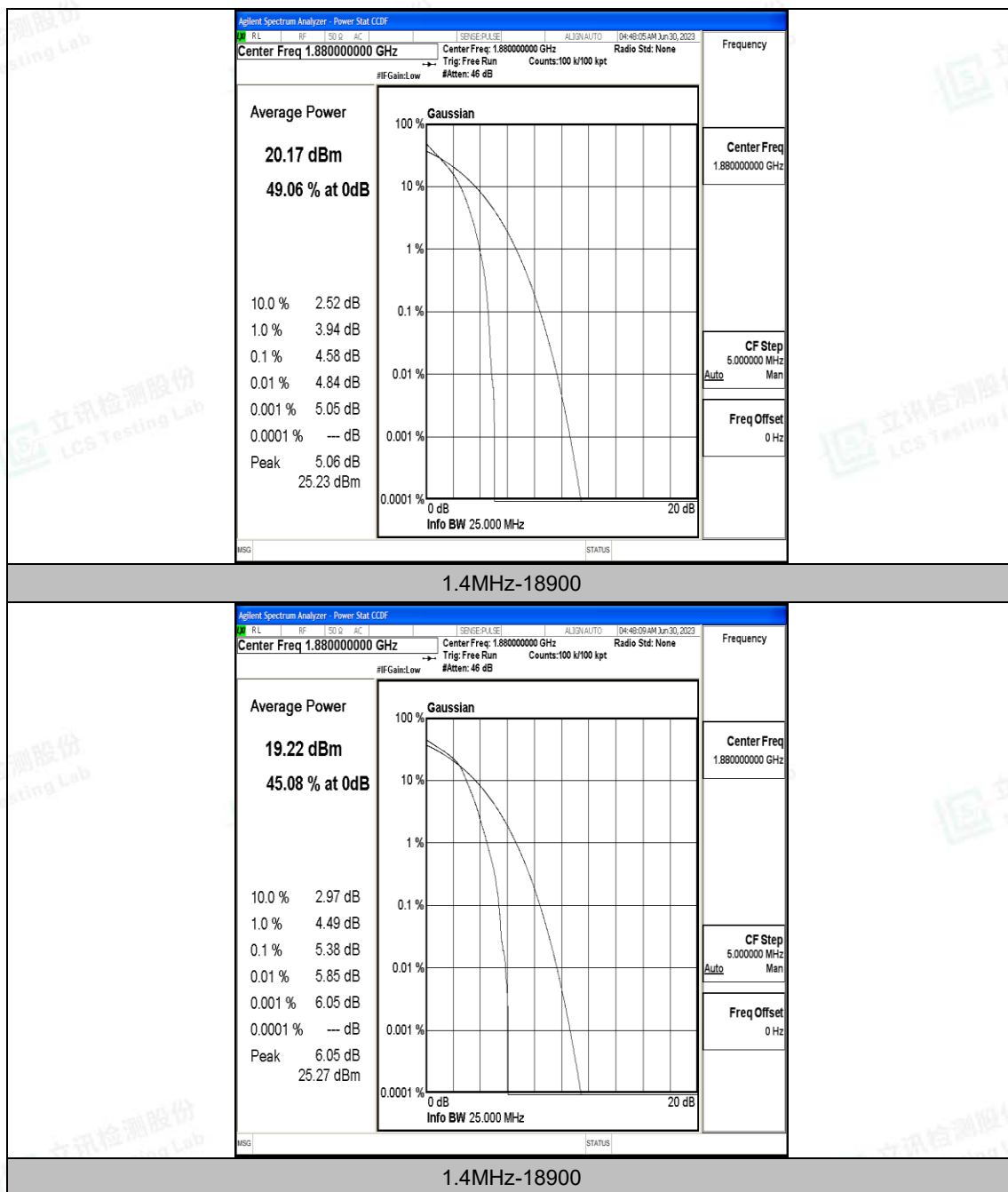


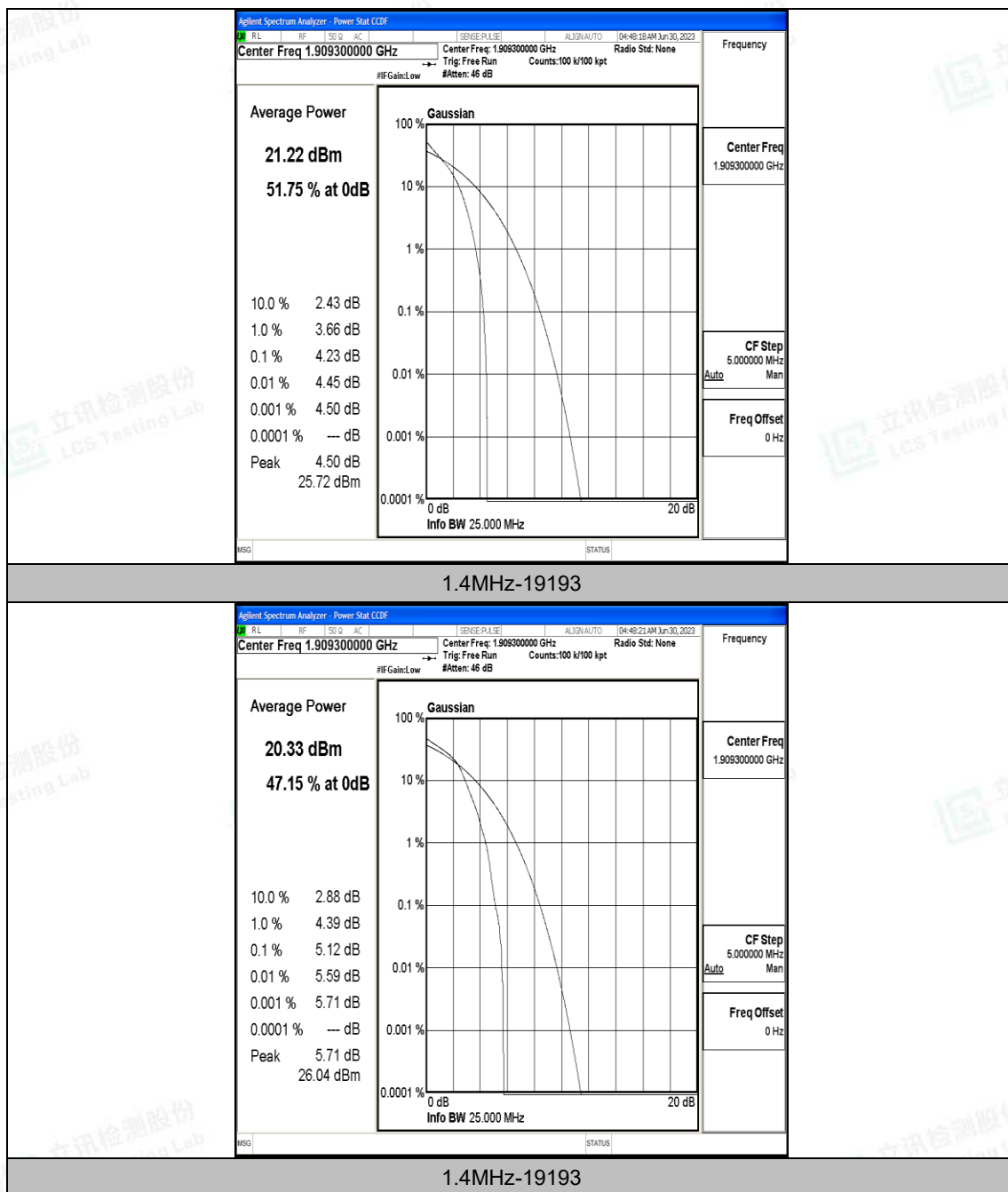
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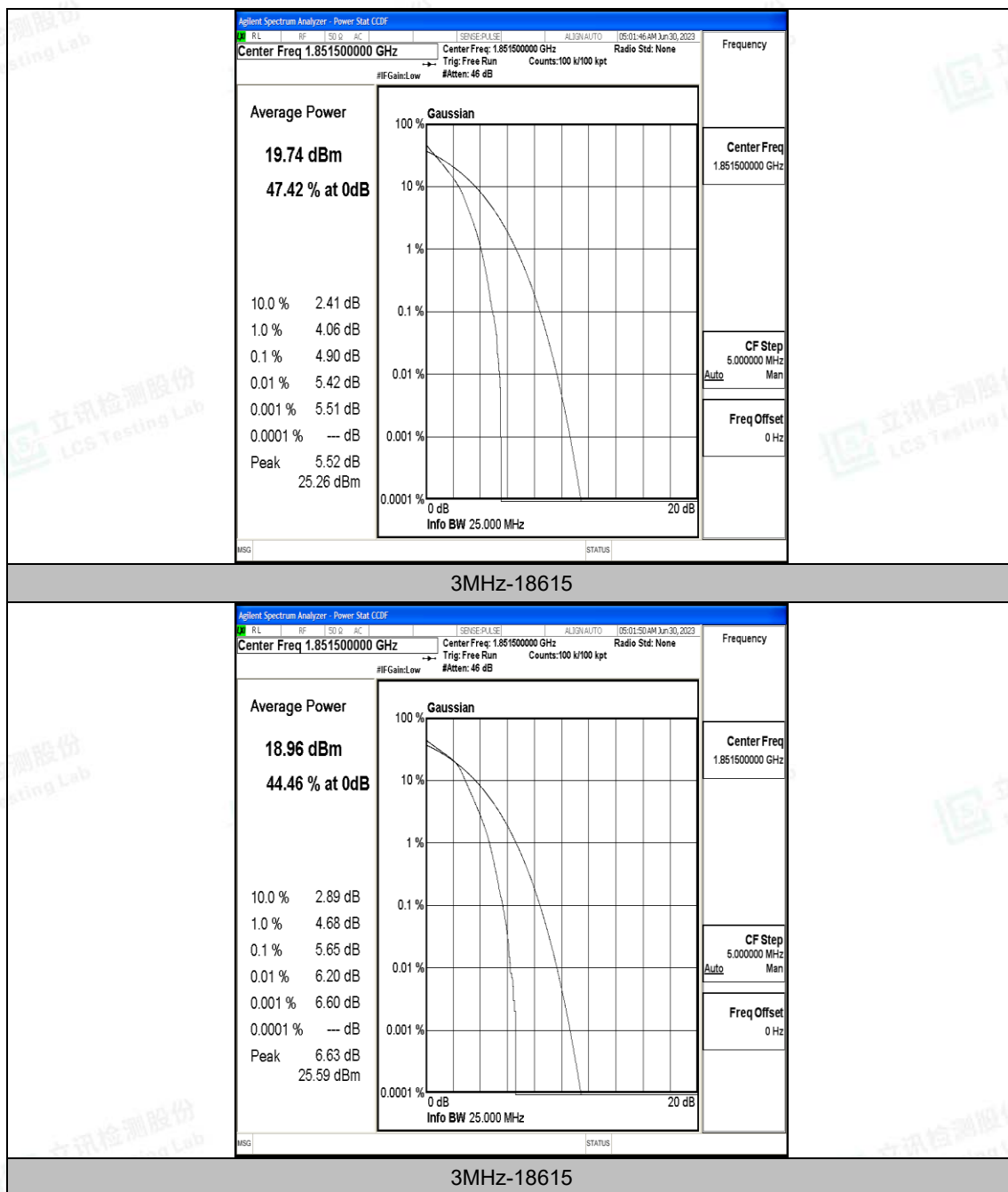


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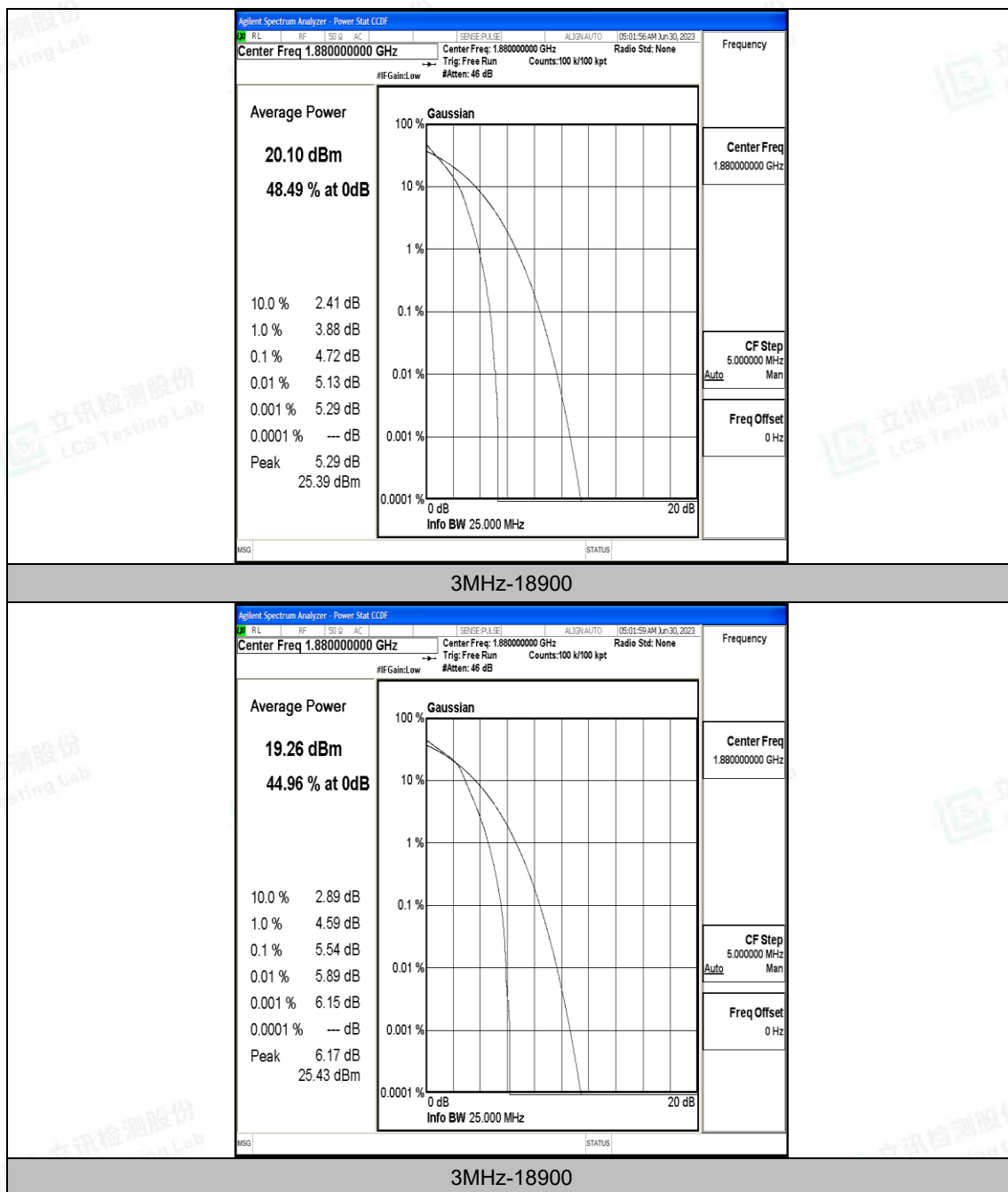


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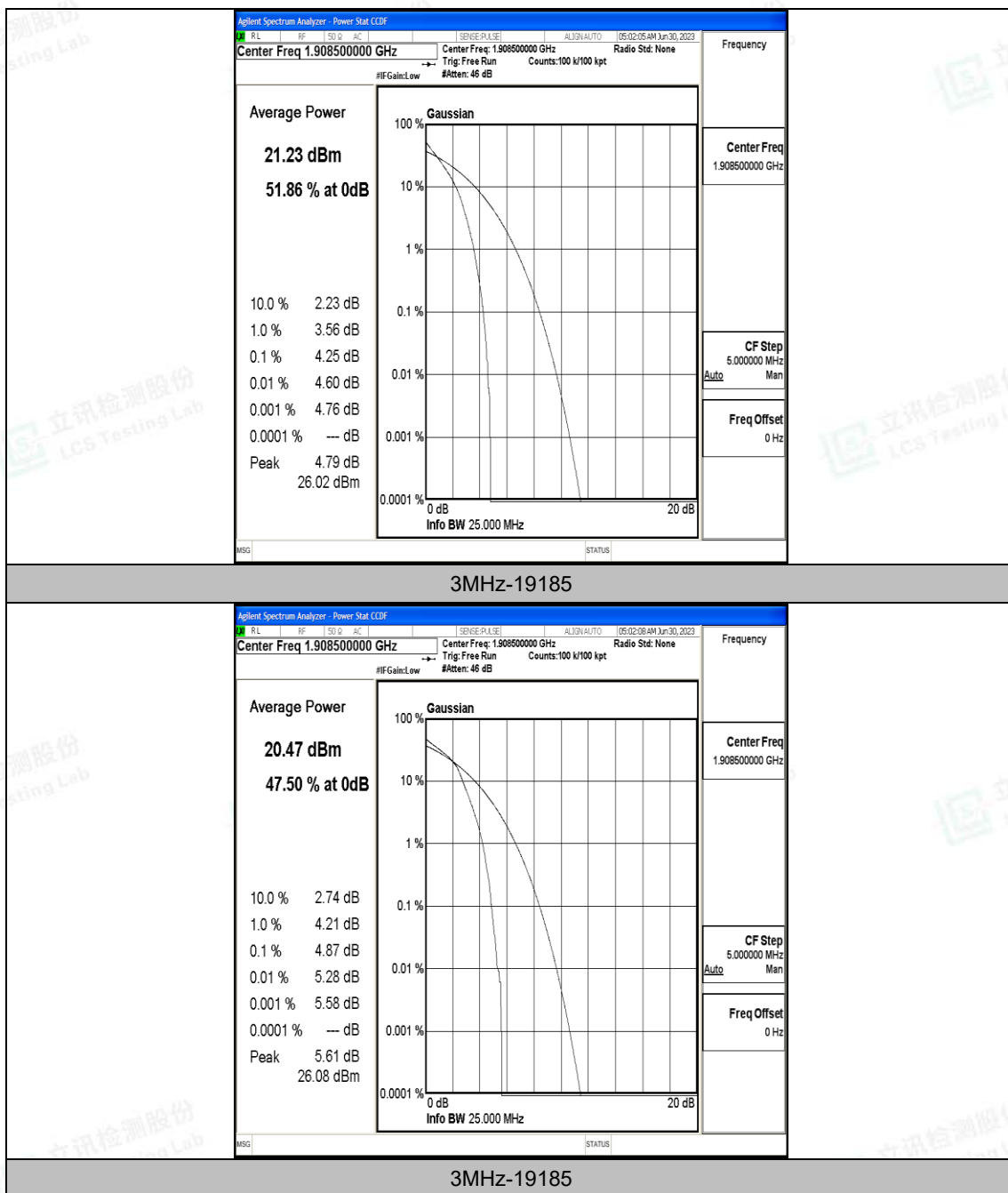


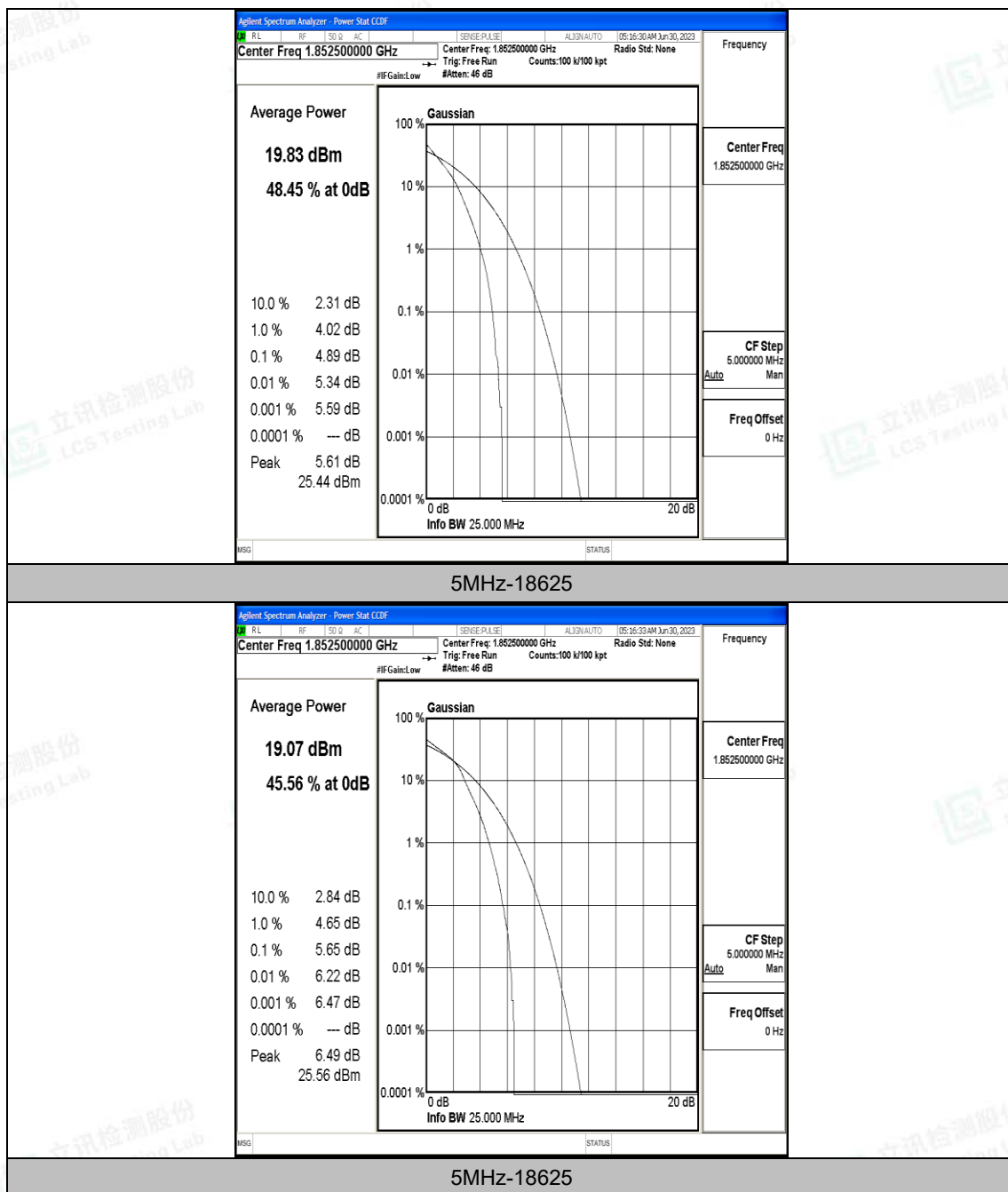
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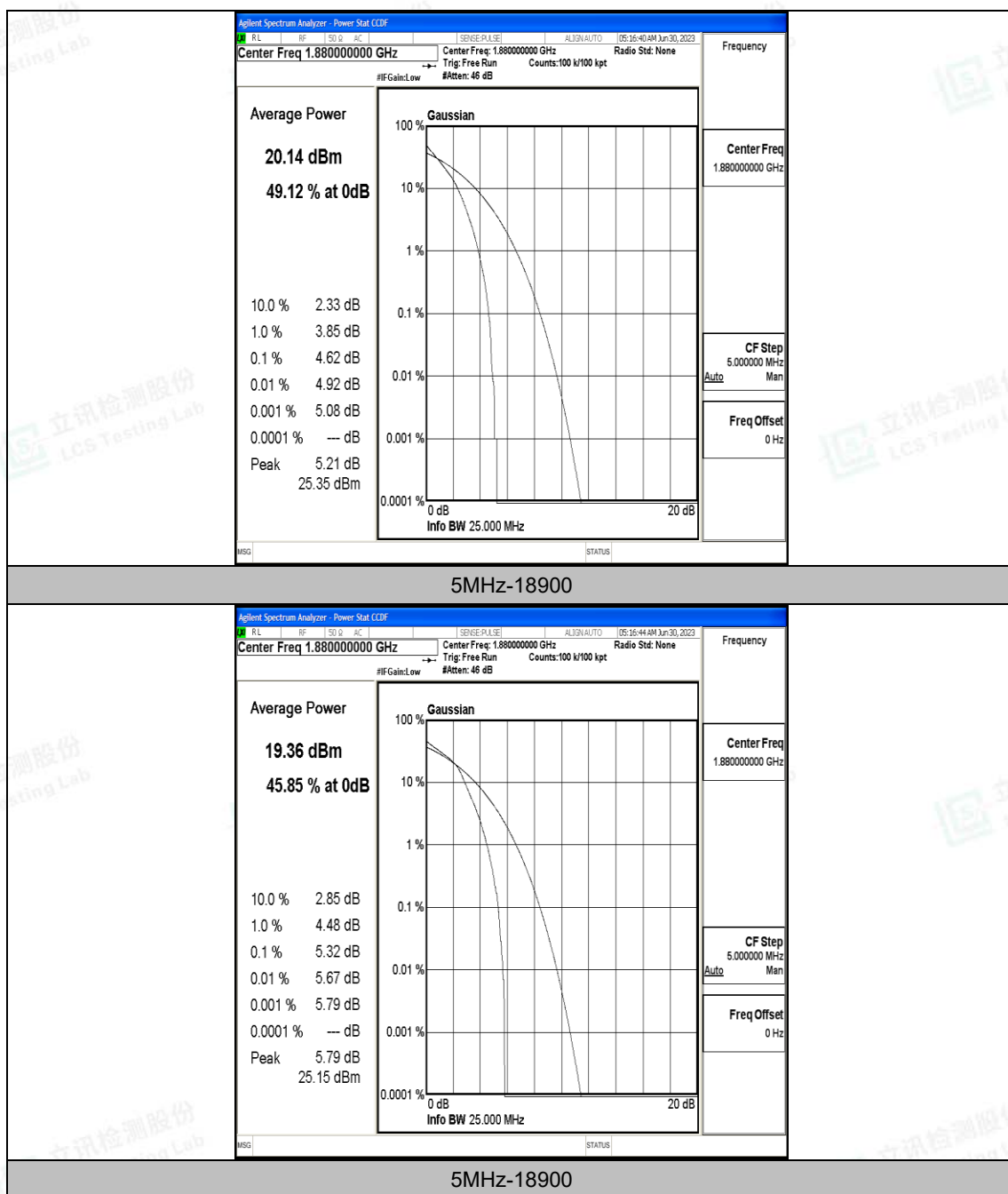


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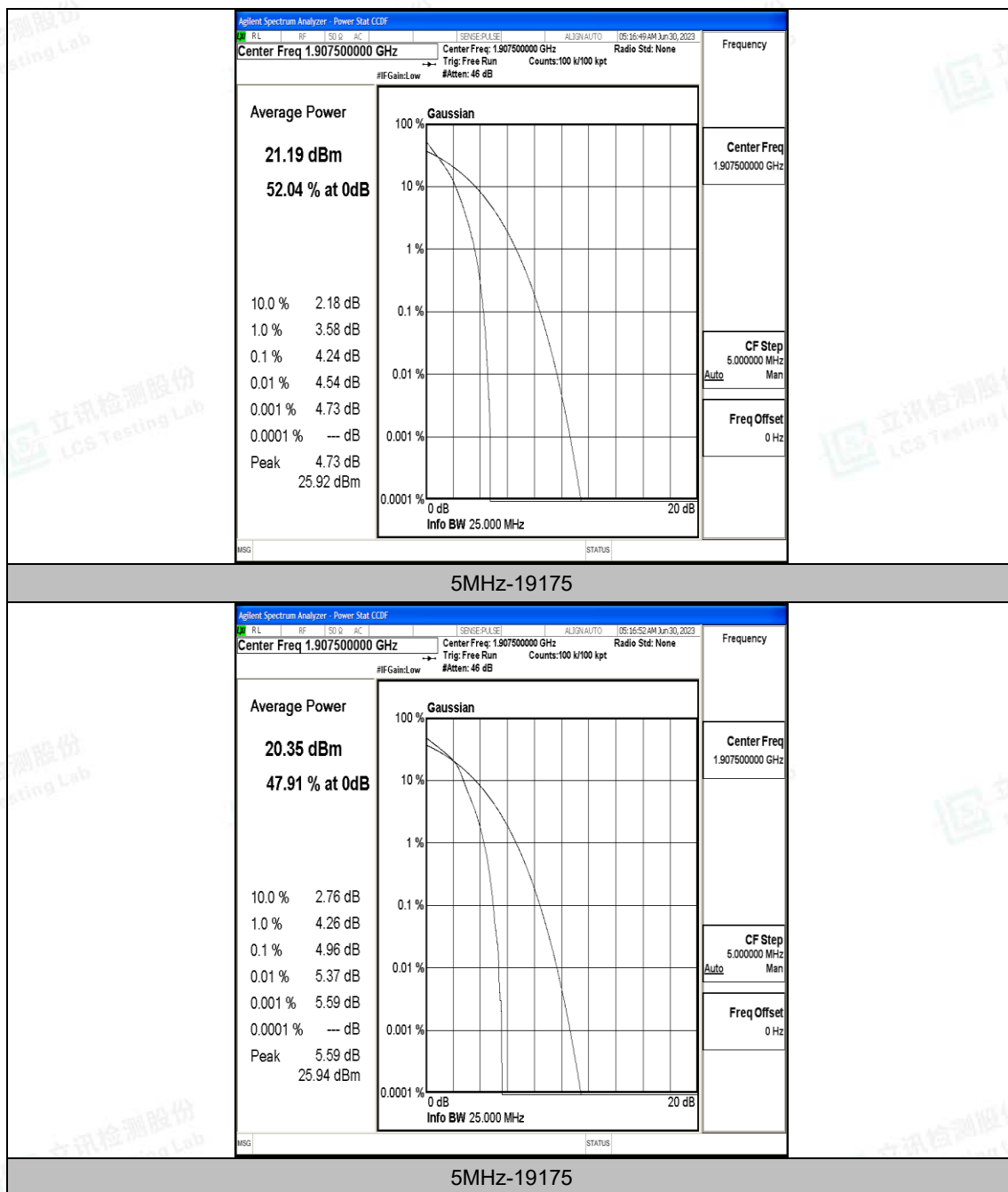


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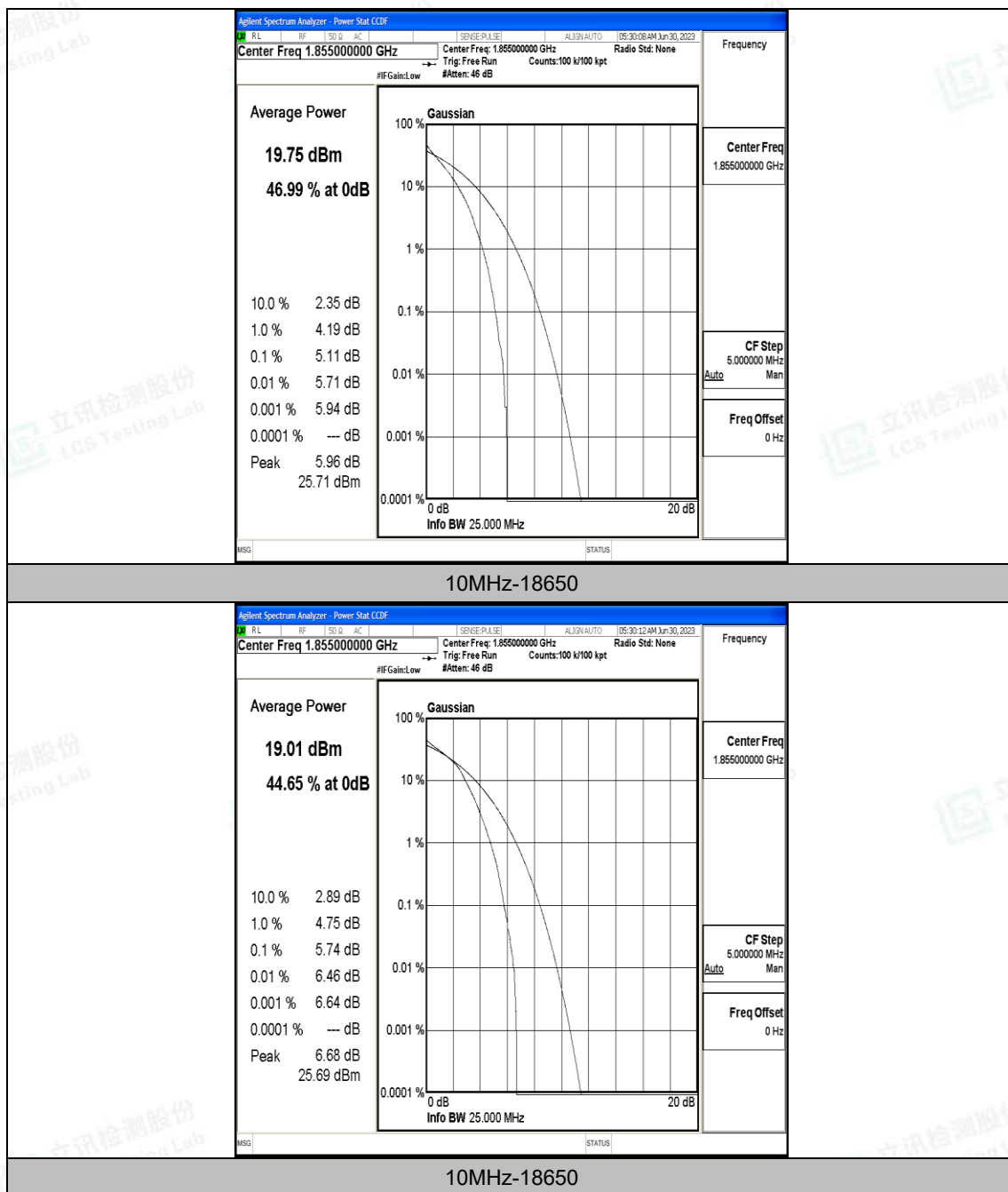


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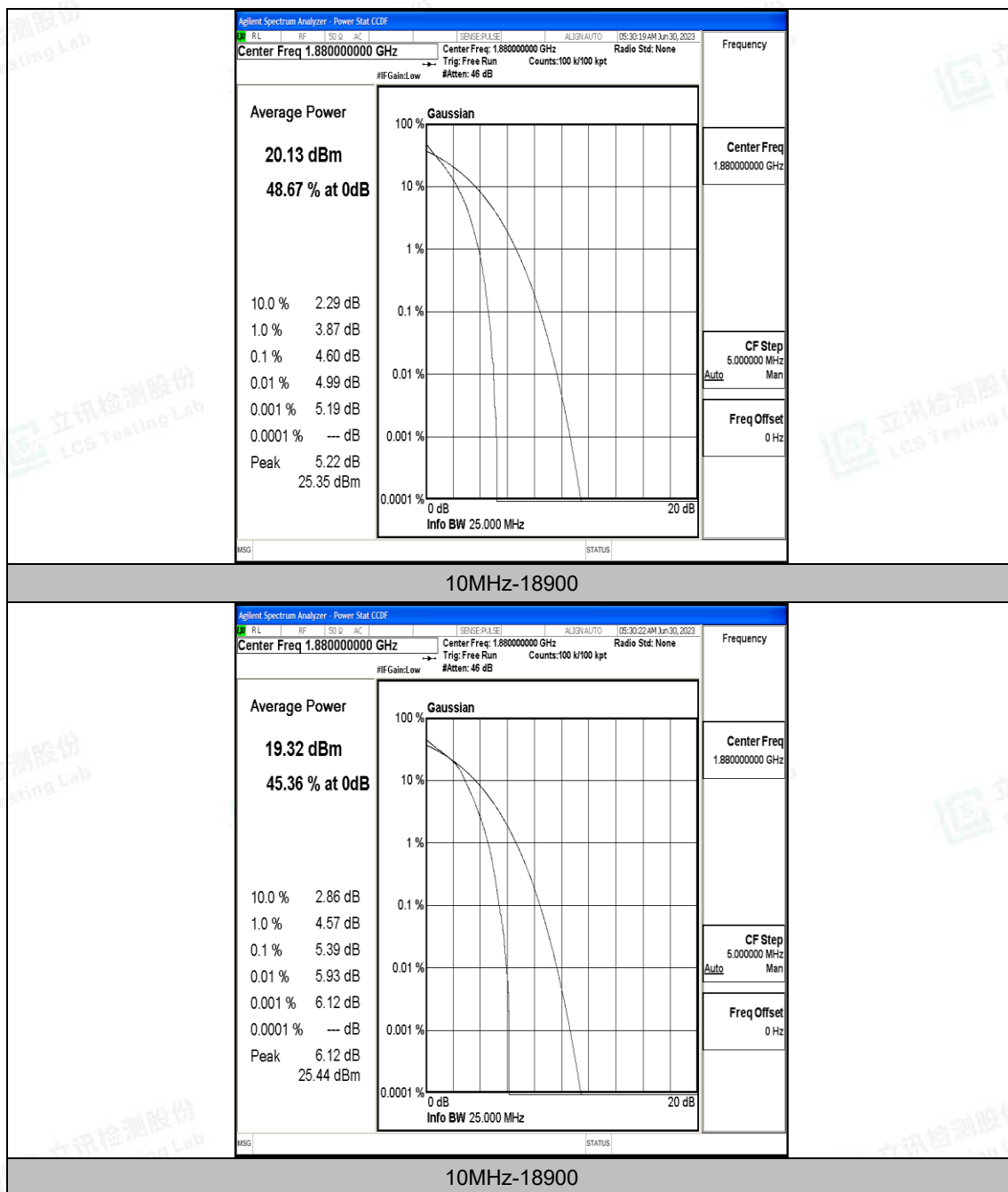


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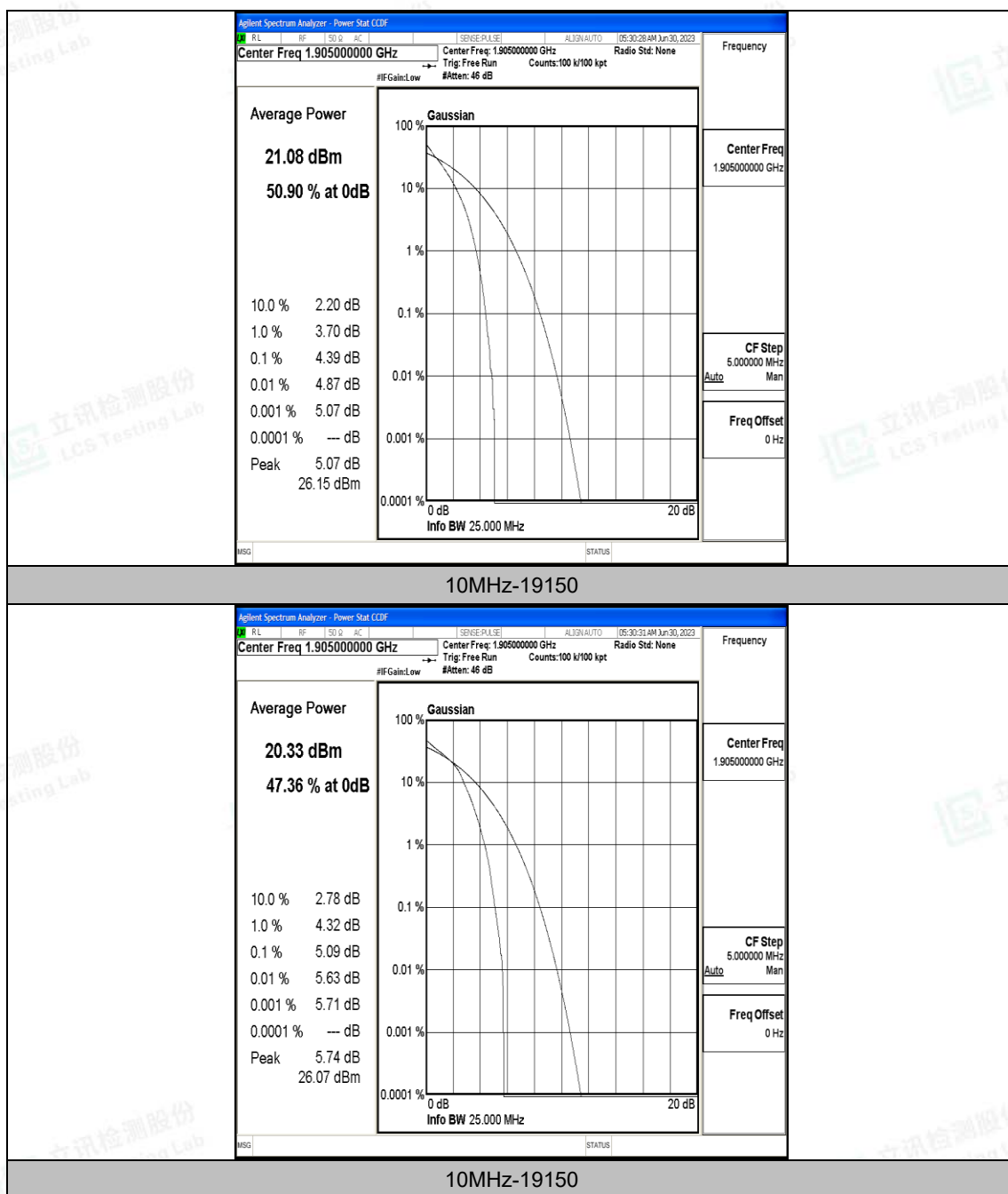


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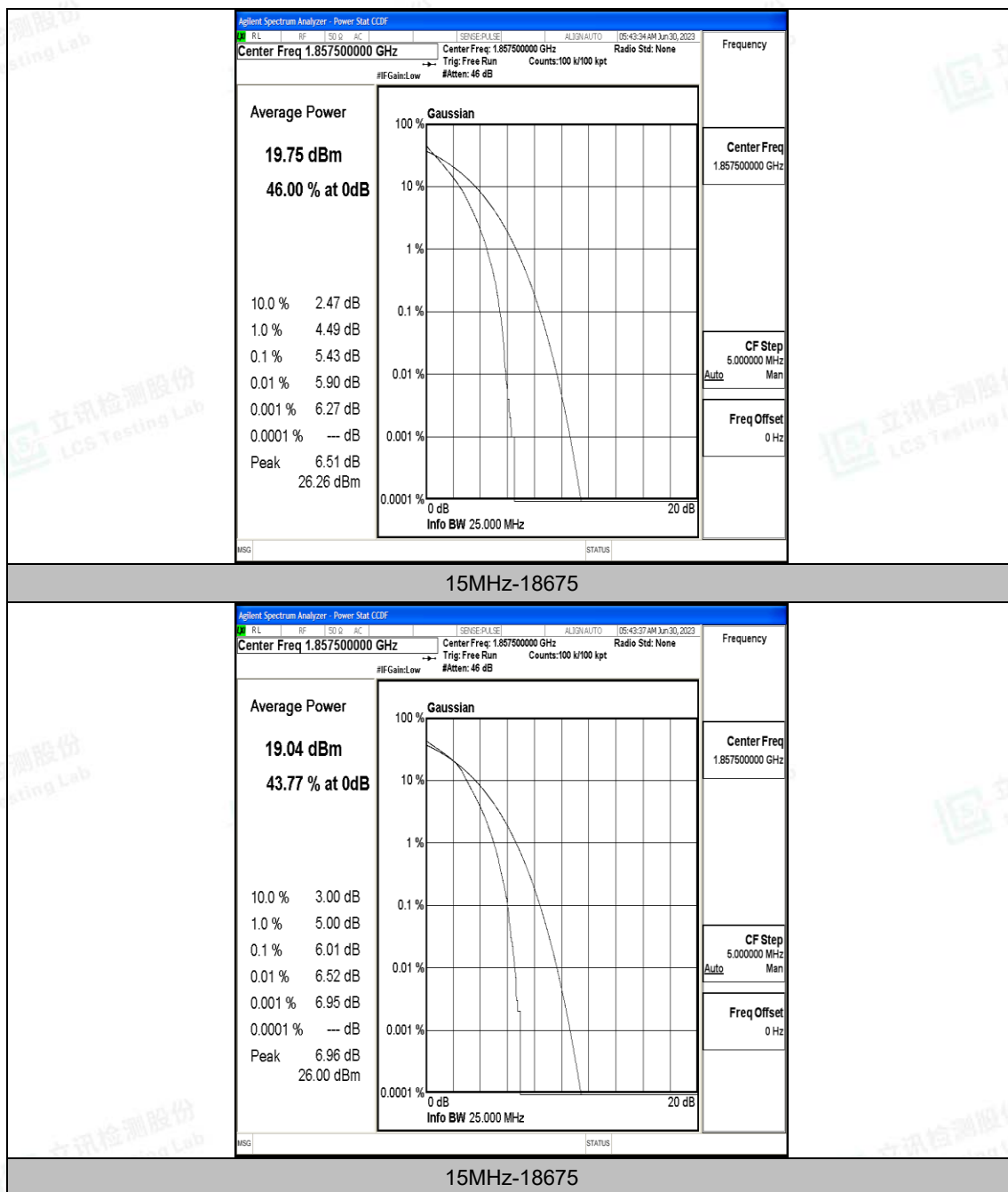


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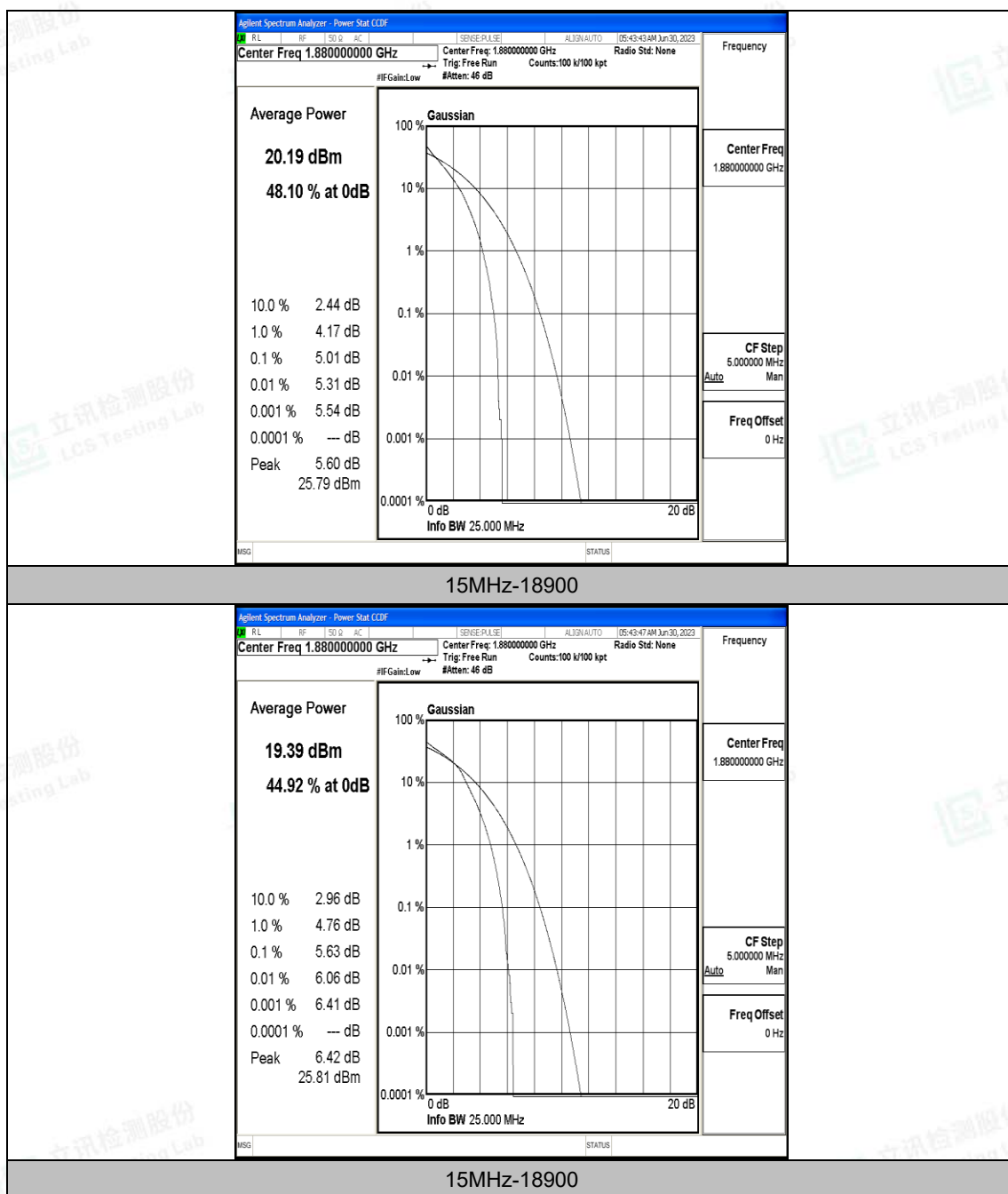


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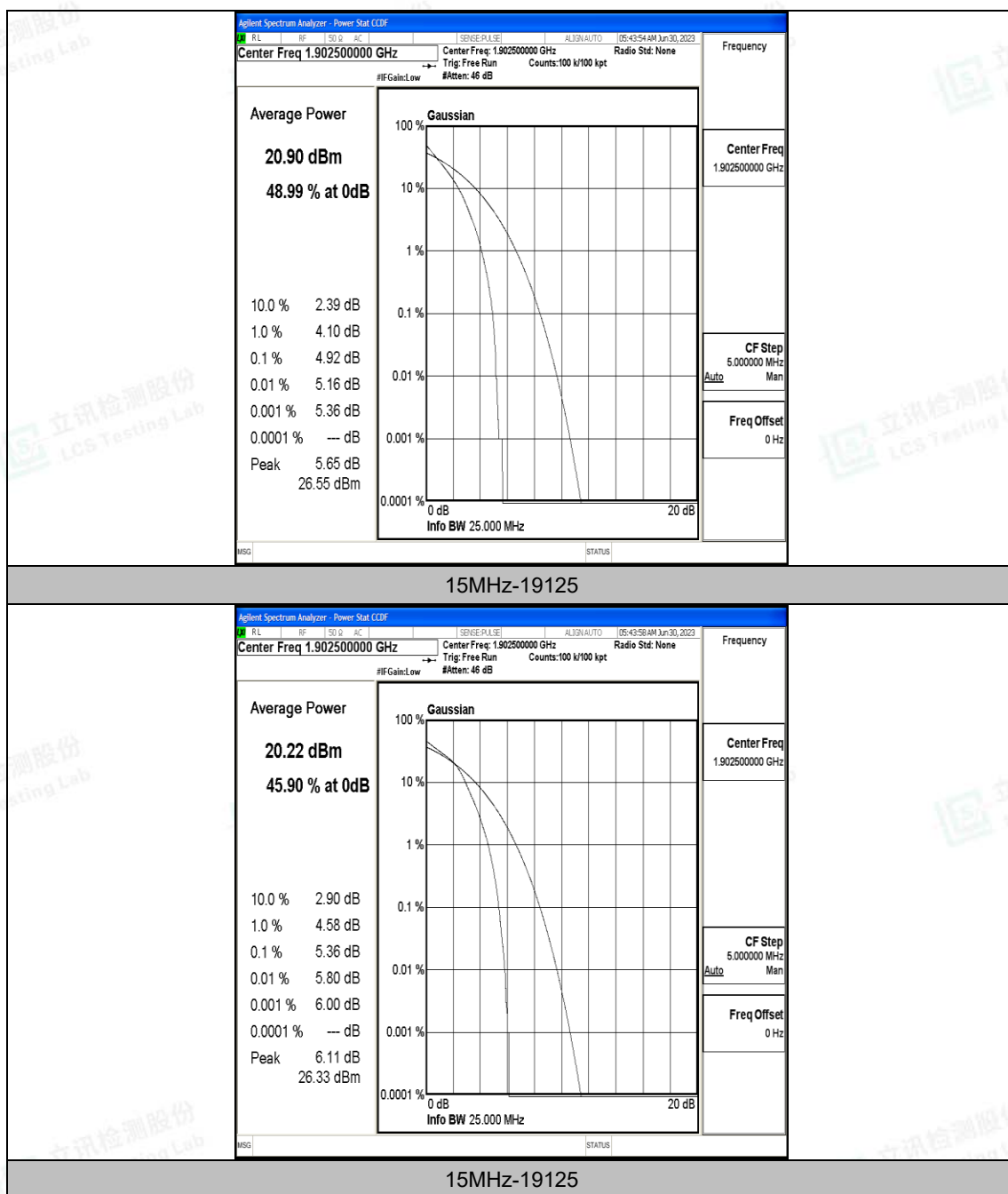


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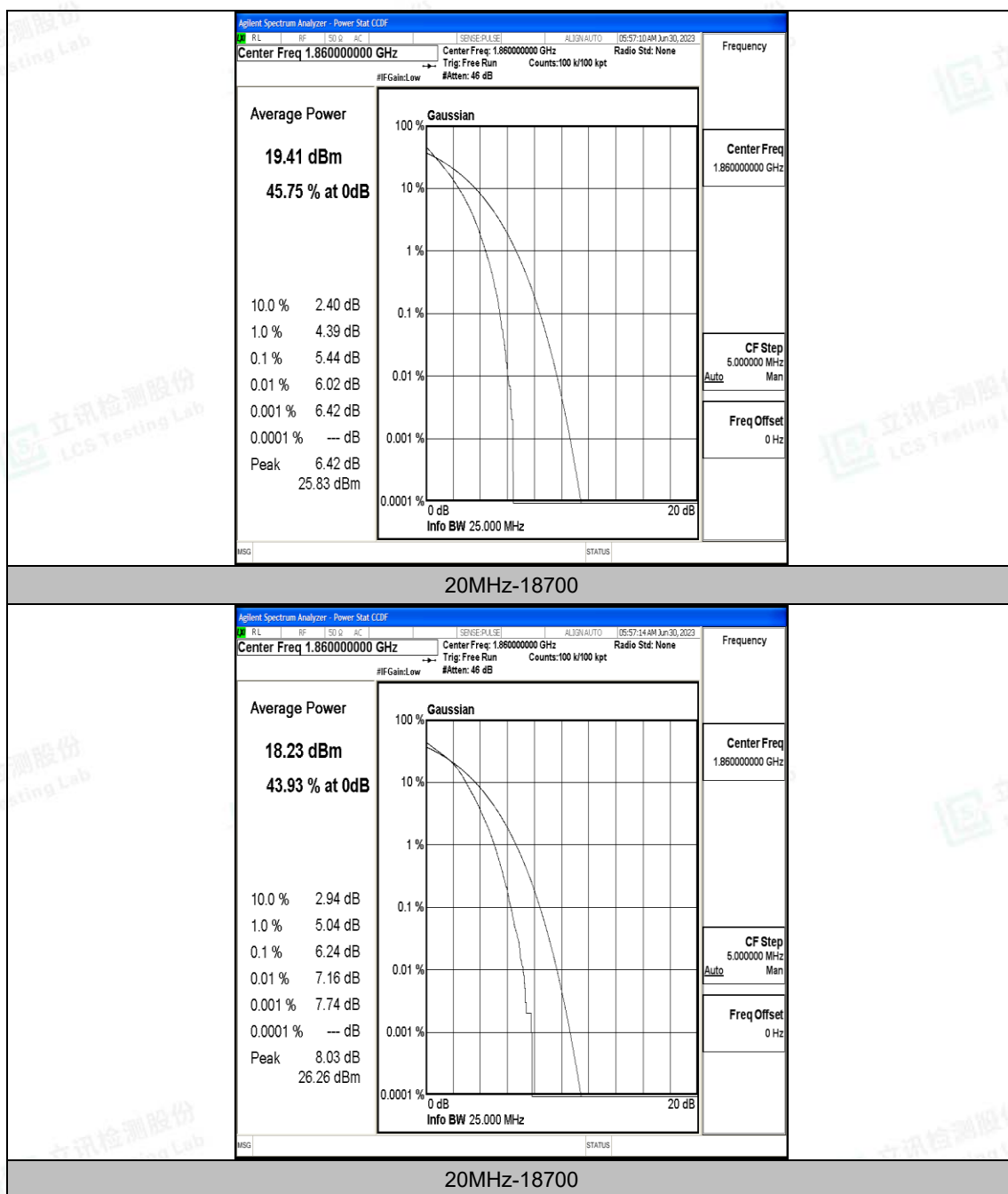


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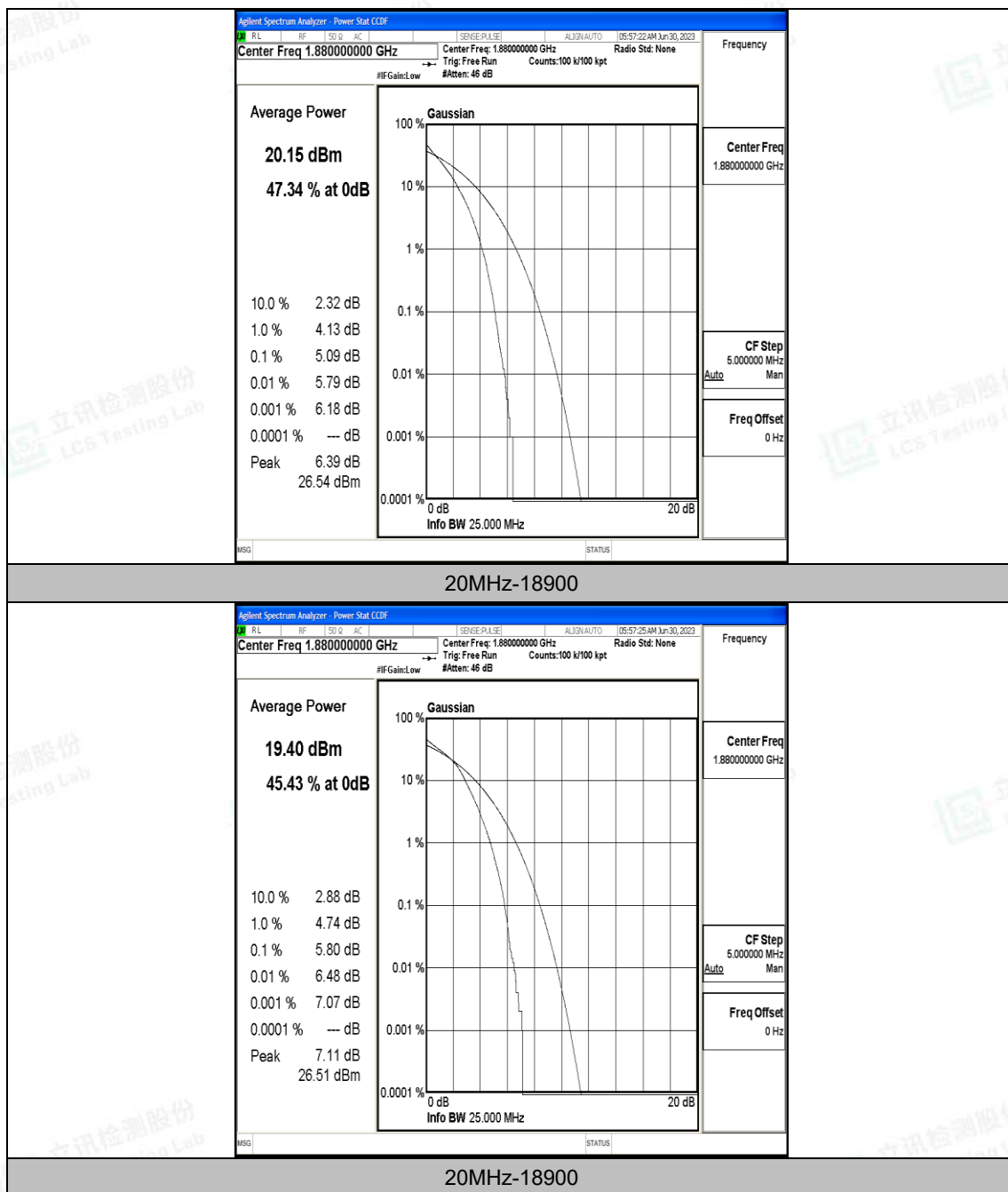


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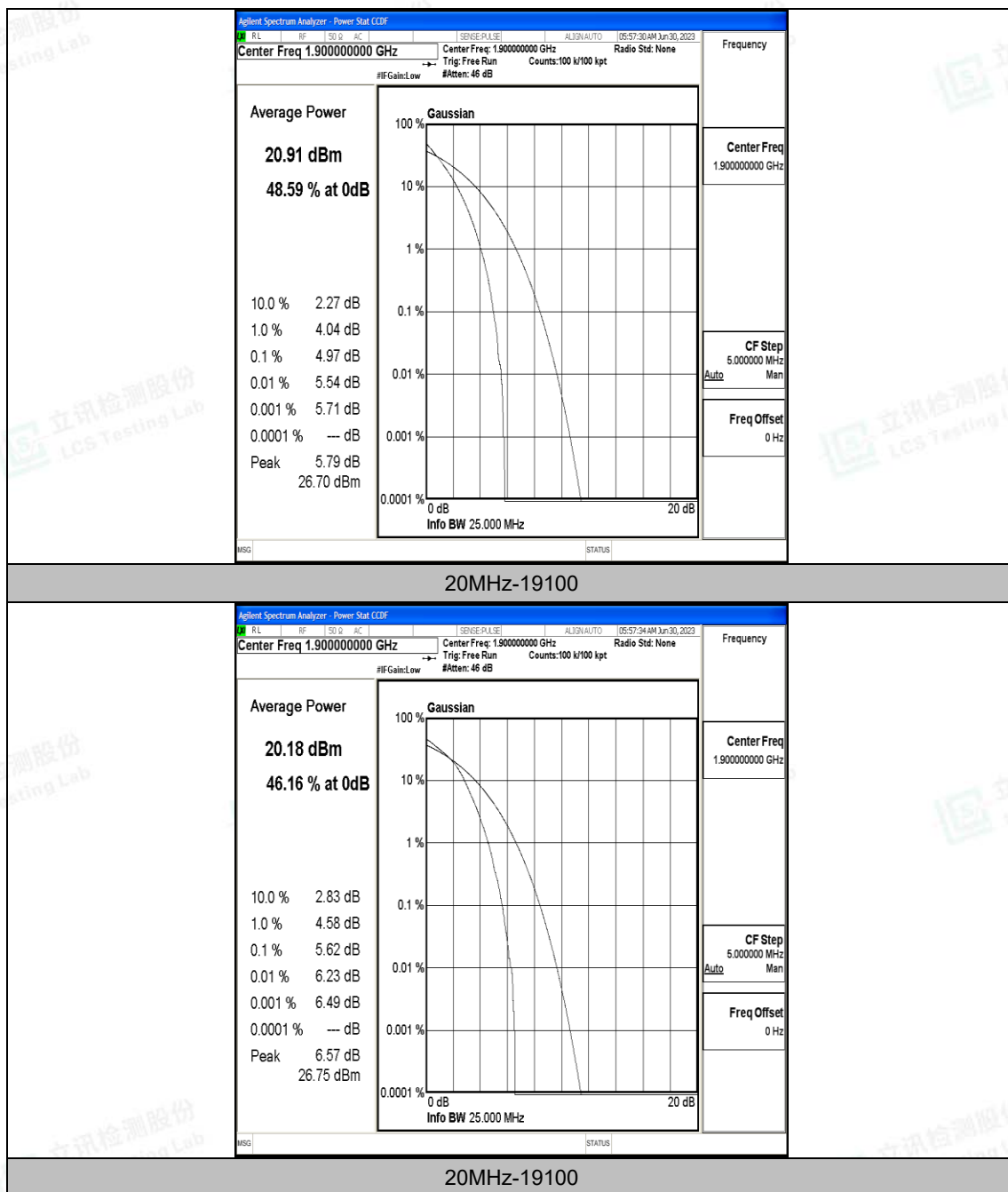


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D.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0940	1.287	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1026	1.285	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0957	1.275	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1120	1.280	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.1010	1.377	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1080	1.366	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7163	3.092	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7153	3.088	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7141	3.054	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7266	3.089	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7095	3.094	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7016	3.140	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5153	5.210	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5233	5.292	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5422	5.385	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5279	5.276	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5307	5.322	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5242	5.281	PASS
Band2	10MHz	QPSK	18650	50RB#0	9.0070	10.05	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9936	10.10	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9983	10.06	PASS
Band2	10MHz	16QAM	18900	50RB#0	9.0054	9.960	PASS
Band2	10MHz	QPSK	19150	50RB#0	9.0146	10.02	PASS
Band2	10MHz	16QAM	19150	50RB#0	9.0026	10.16	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.497	15.32	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.521	15.11	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.508	15.03	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.498	14.95	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.494	15.36	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.474	14.93	PASS
Band2	20MHz	QPSK	18700	100RB#0	18.006	19.97	PASS
Band2	20MHz	16QAM	18700	100RB#0	18.052	20.19	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.016	20.08	PASS



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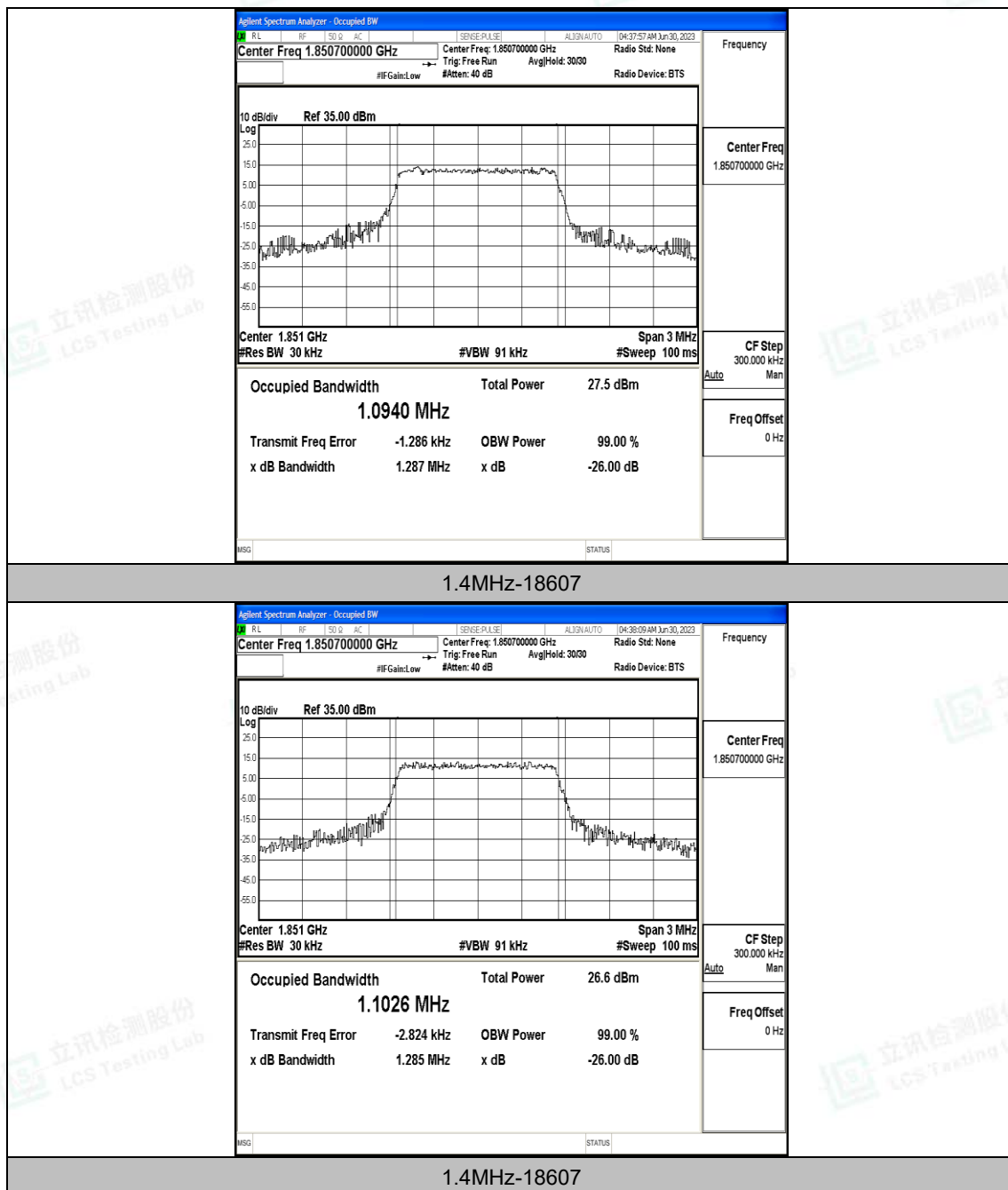


Band2	20MHz	16QAM	18900	100RB#0	18.008	20.18	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.038	20.16	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.021	20.30	PASS





Test Graphs

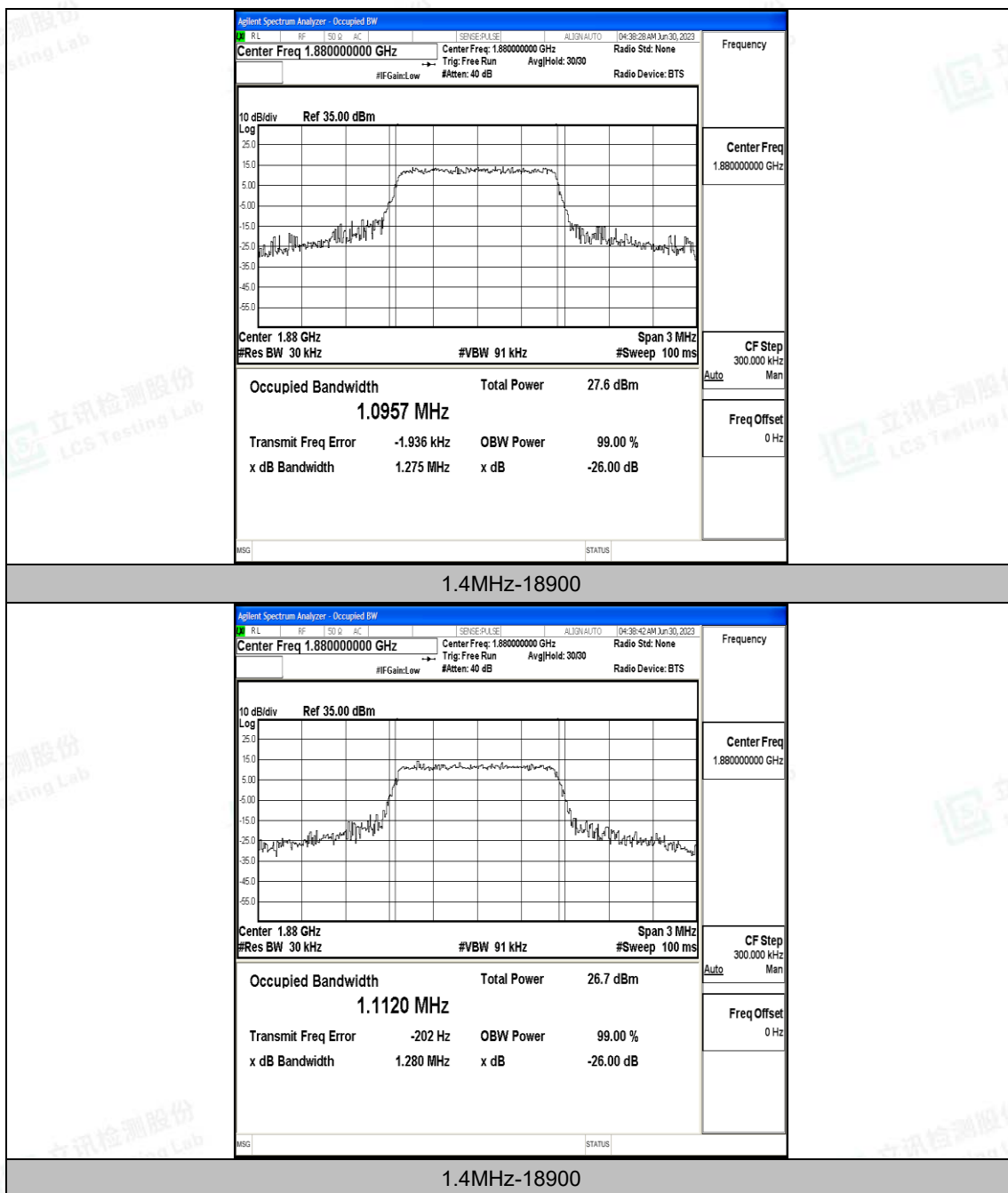


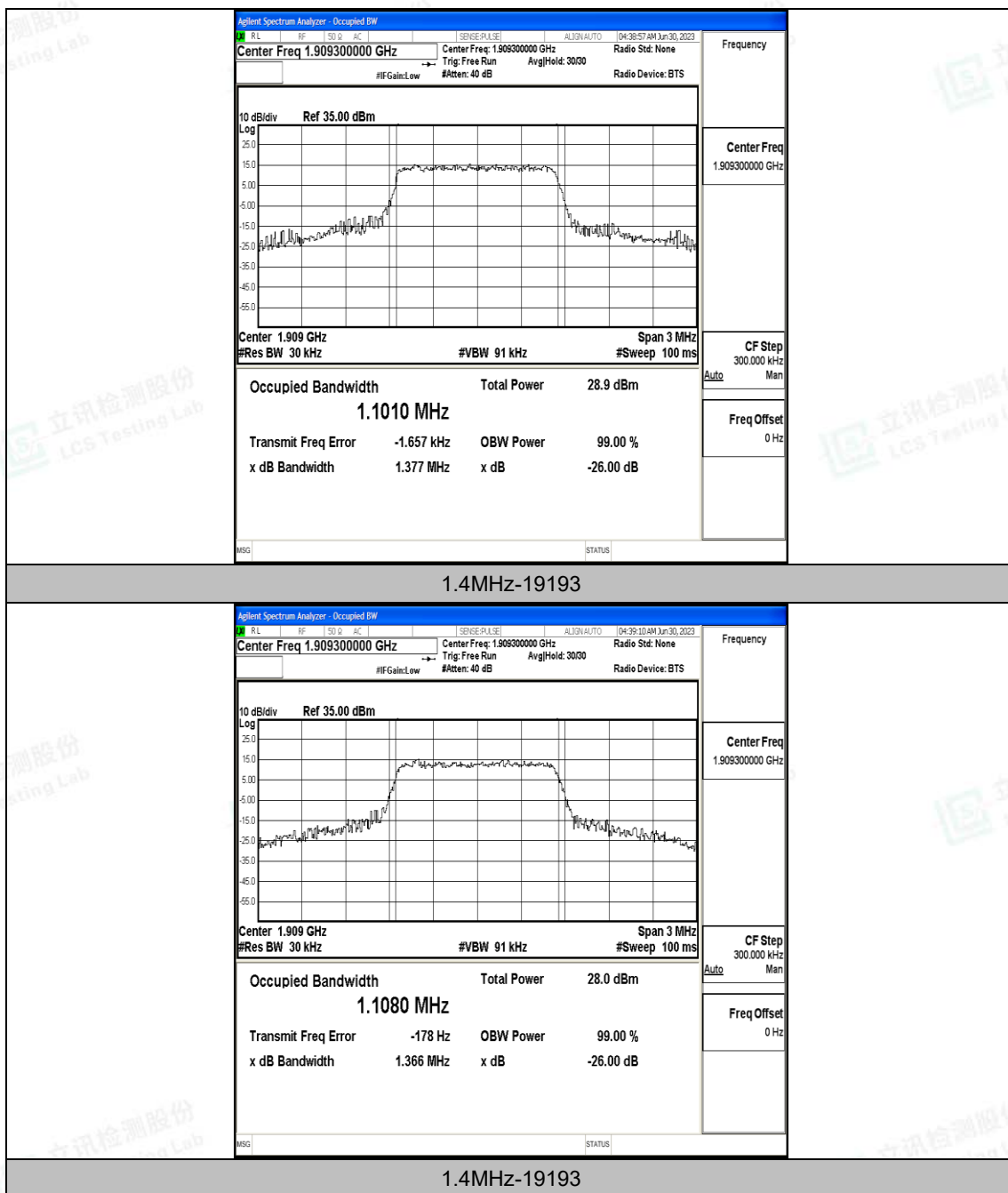
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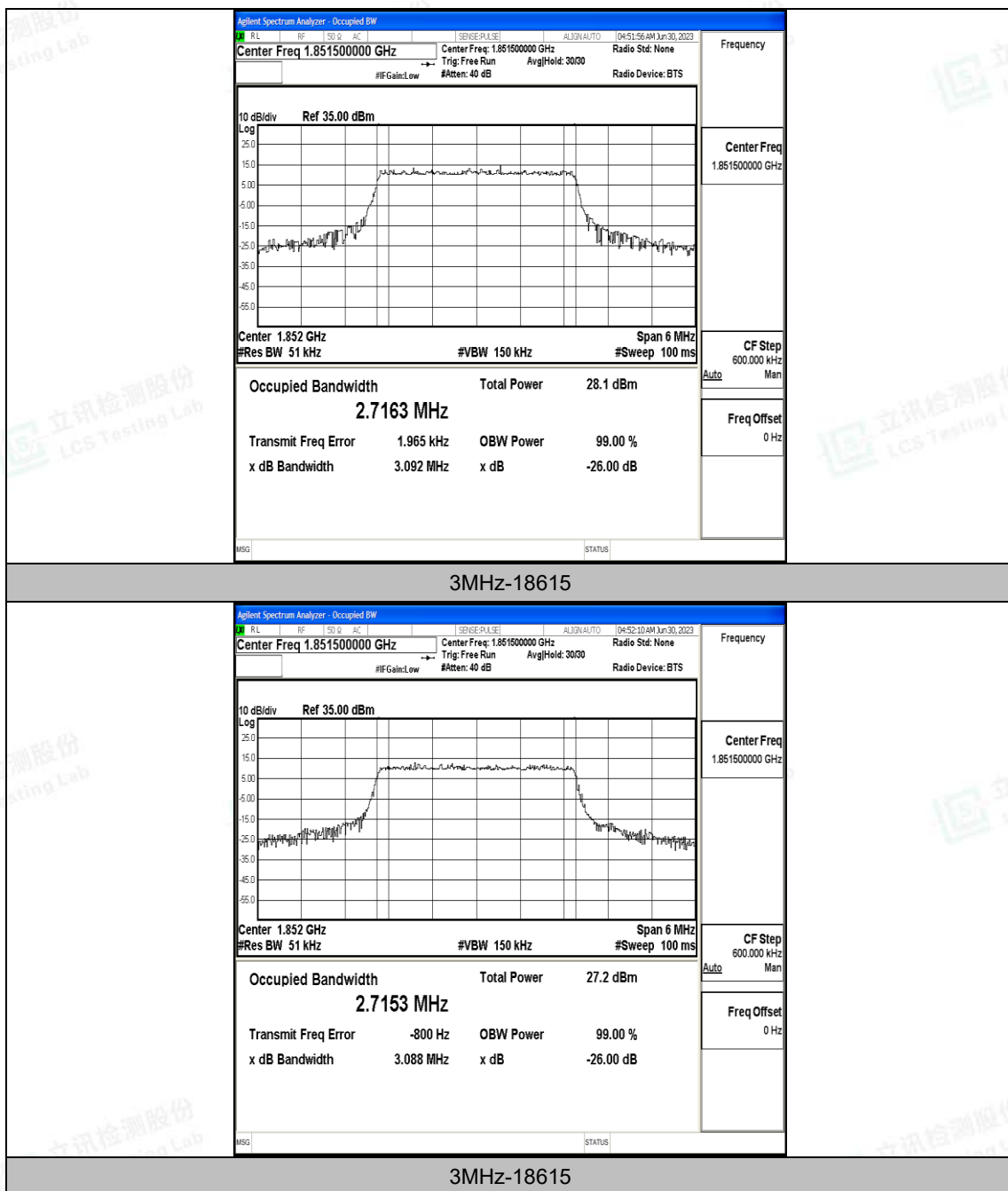
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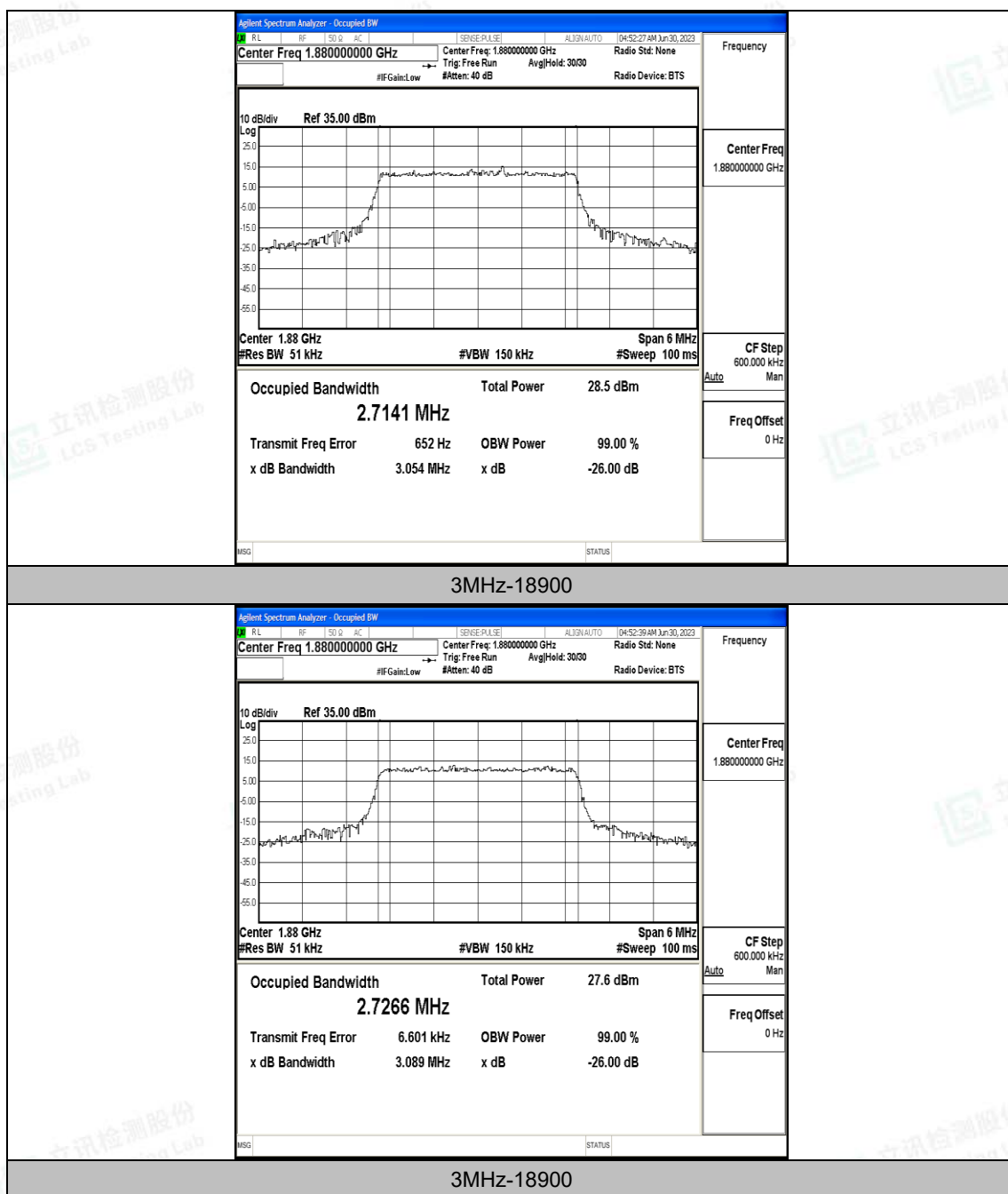
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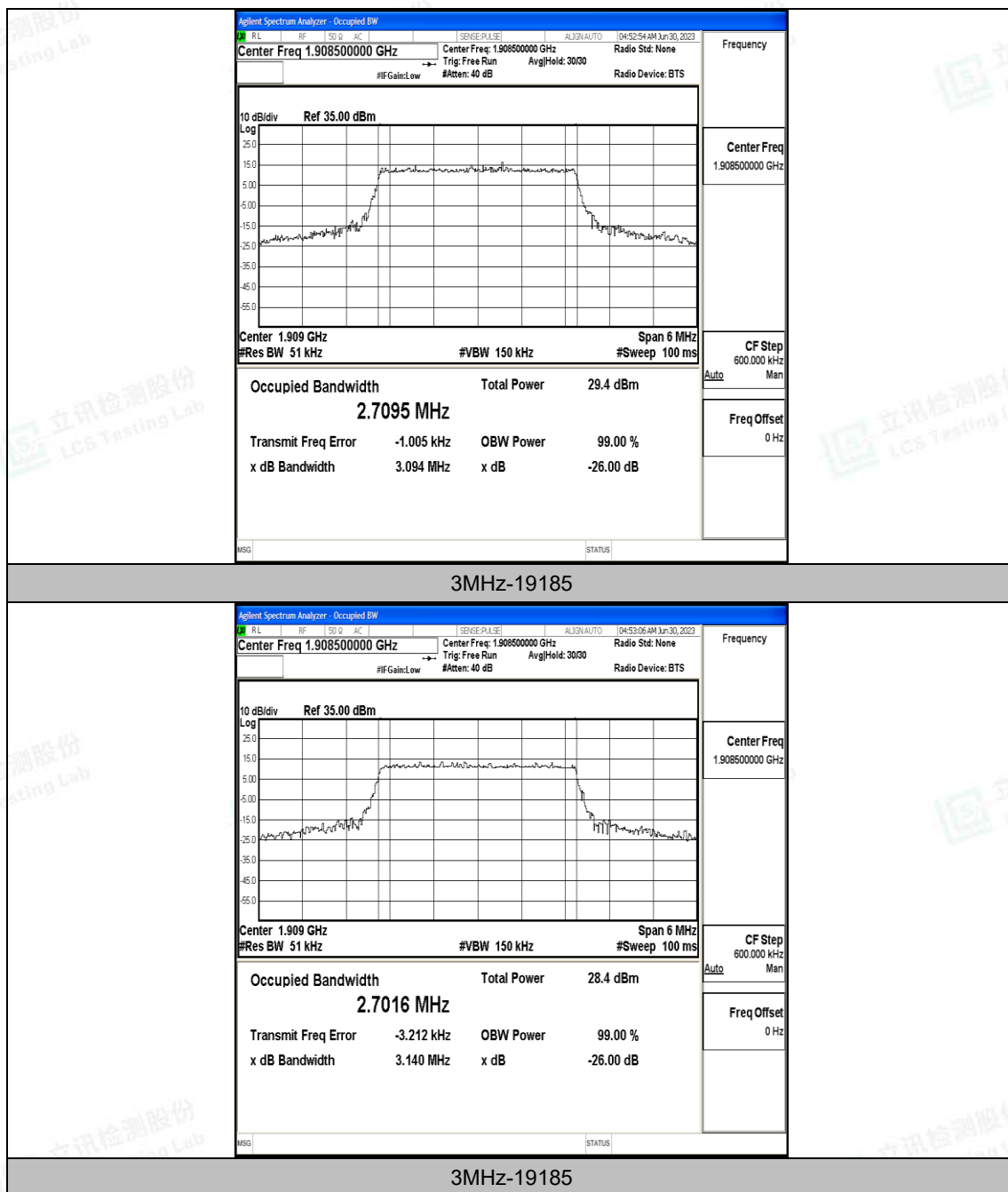


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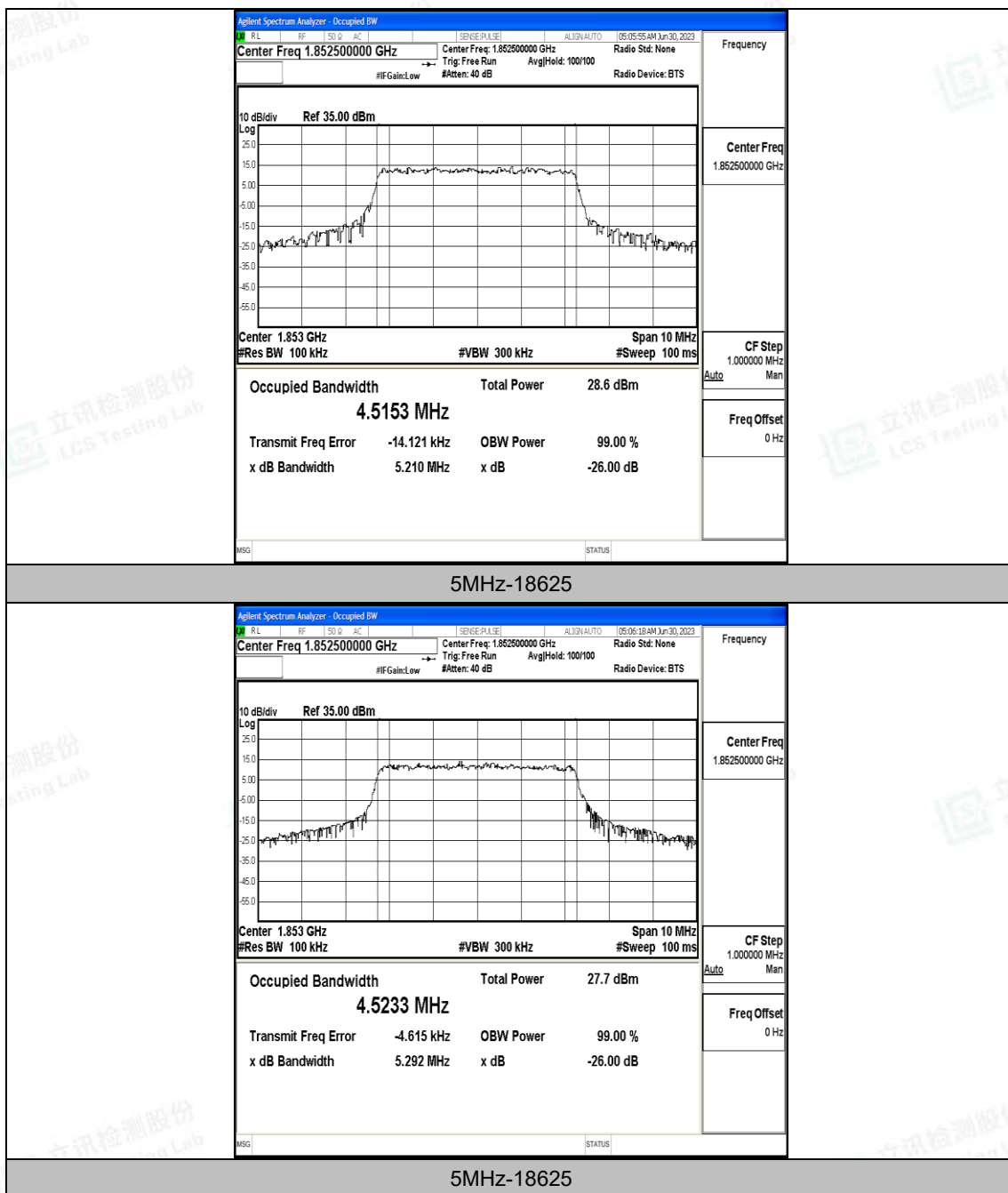


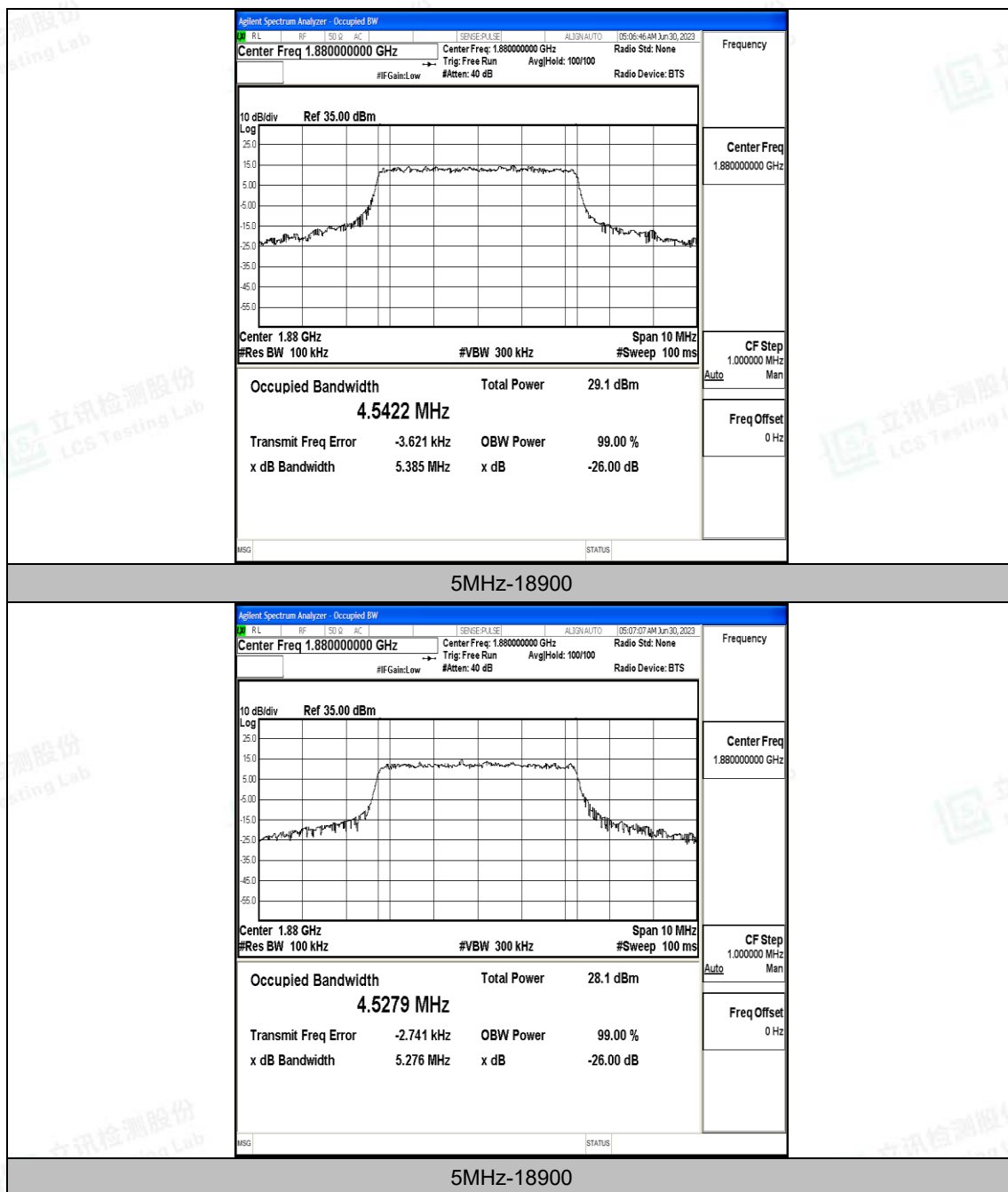
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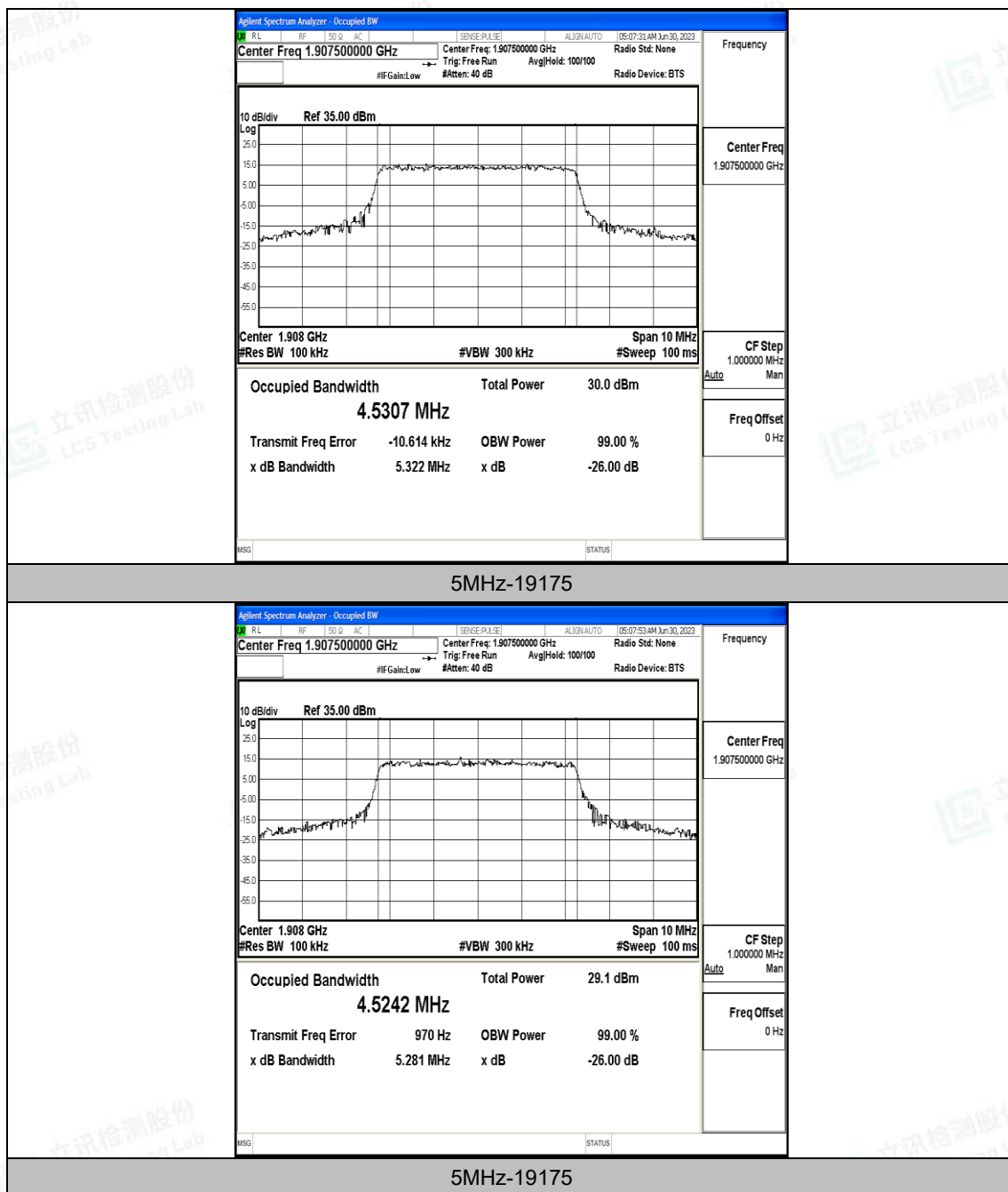
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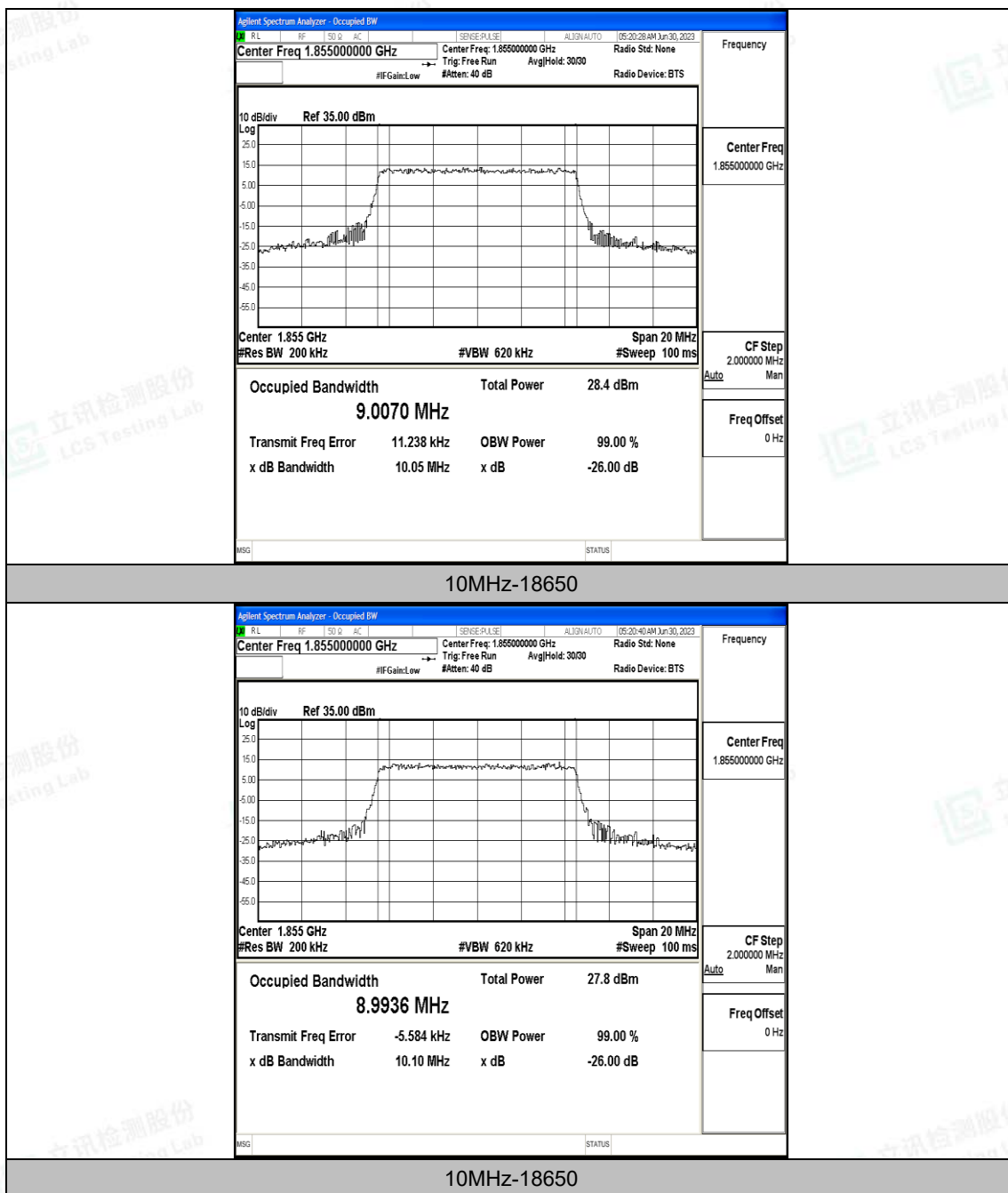
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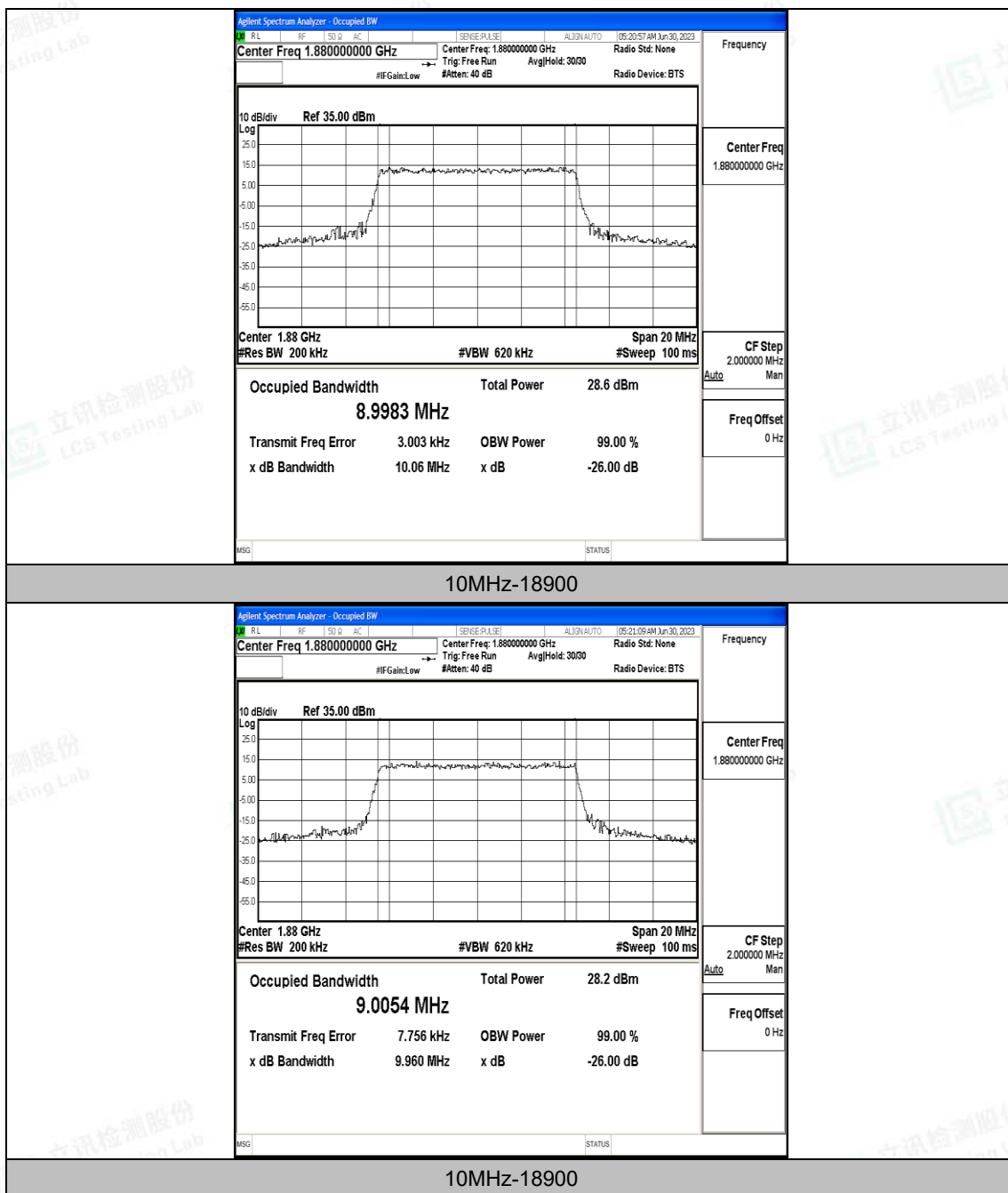
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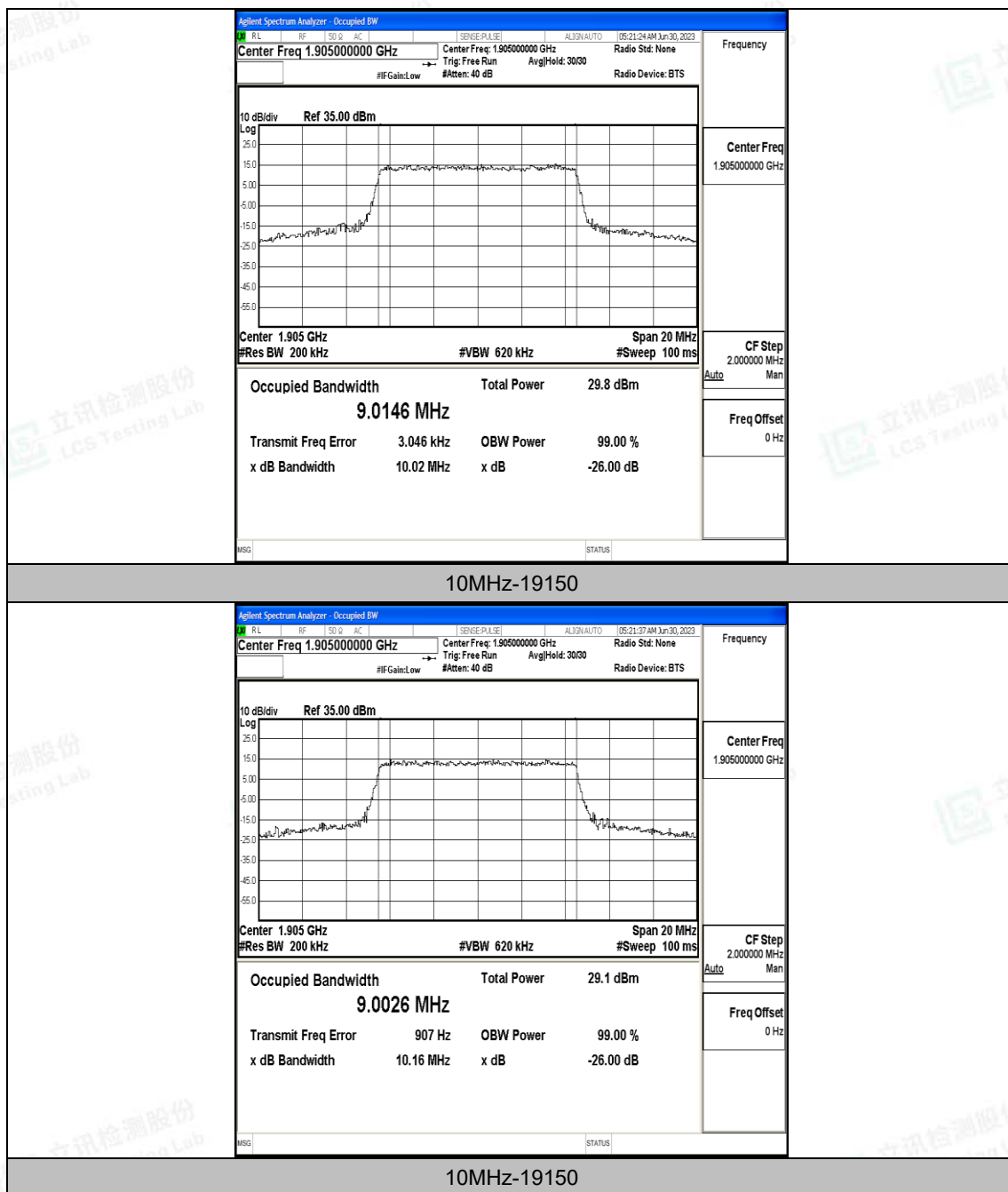










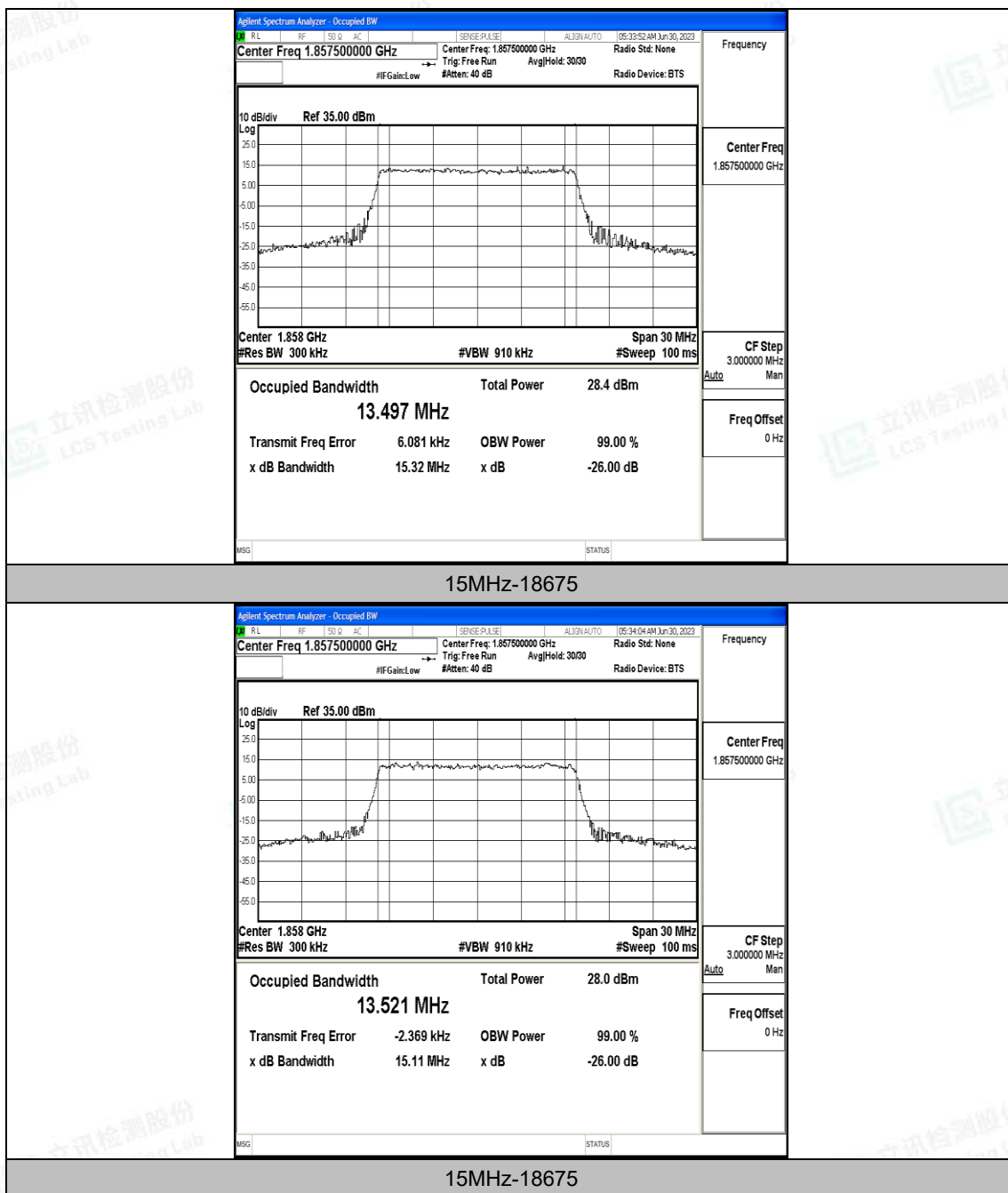


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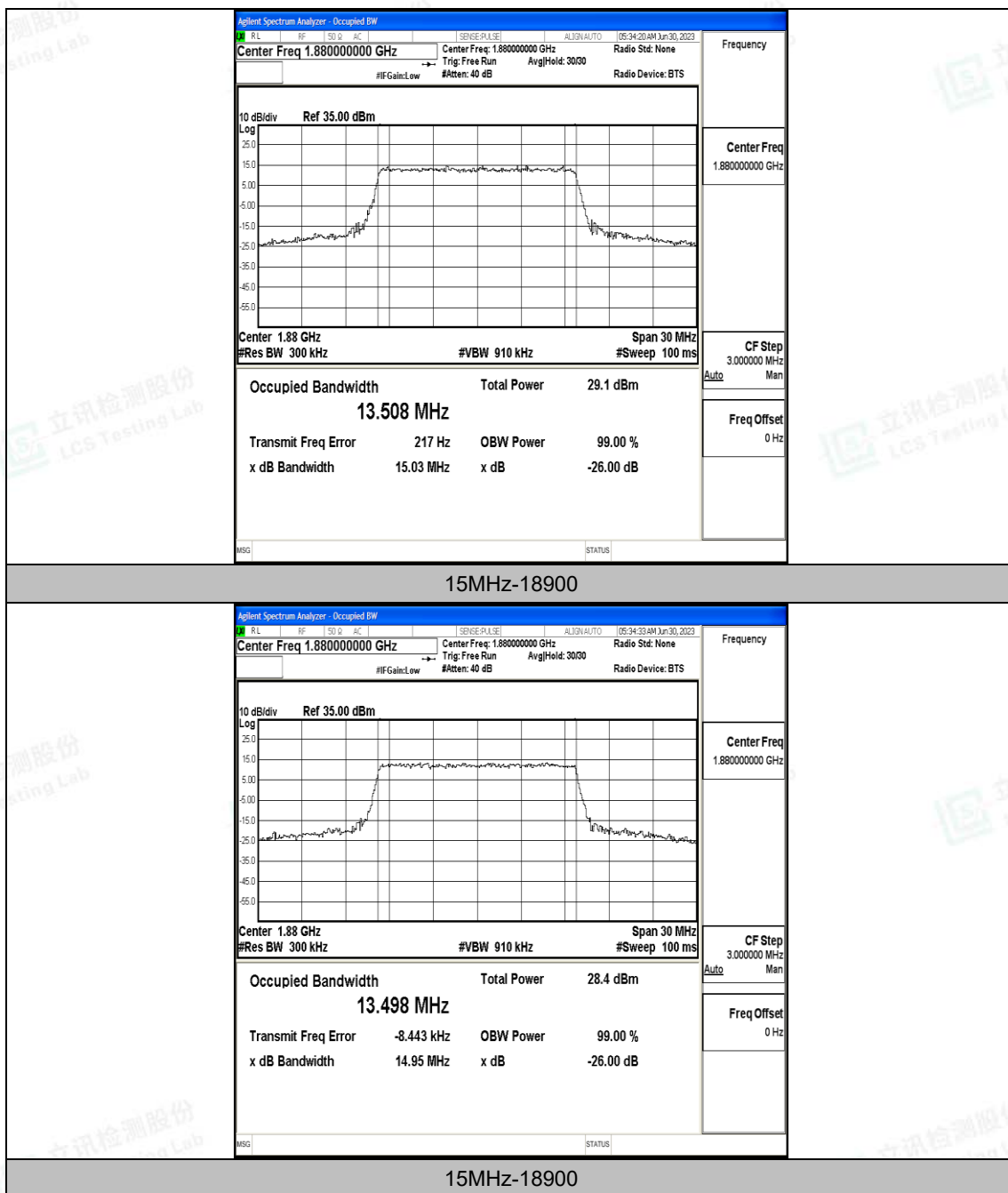


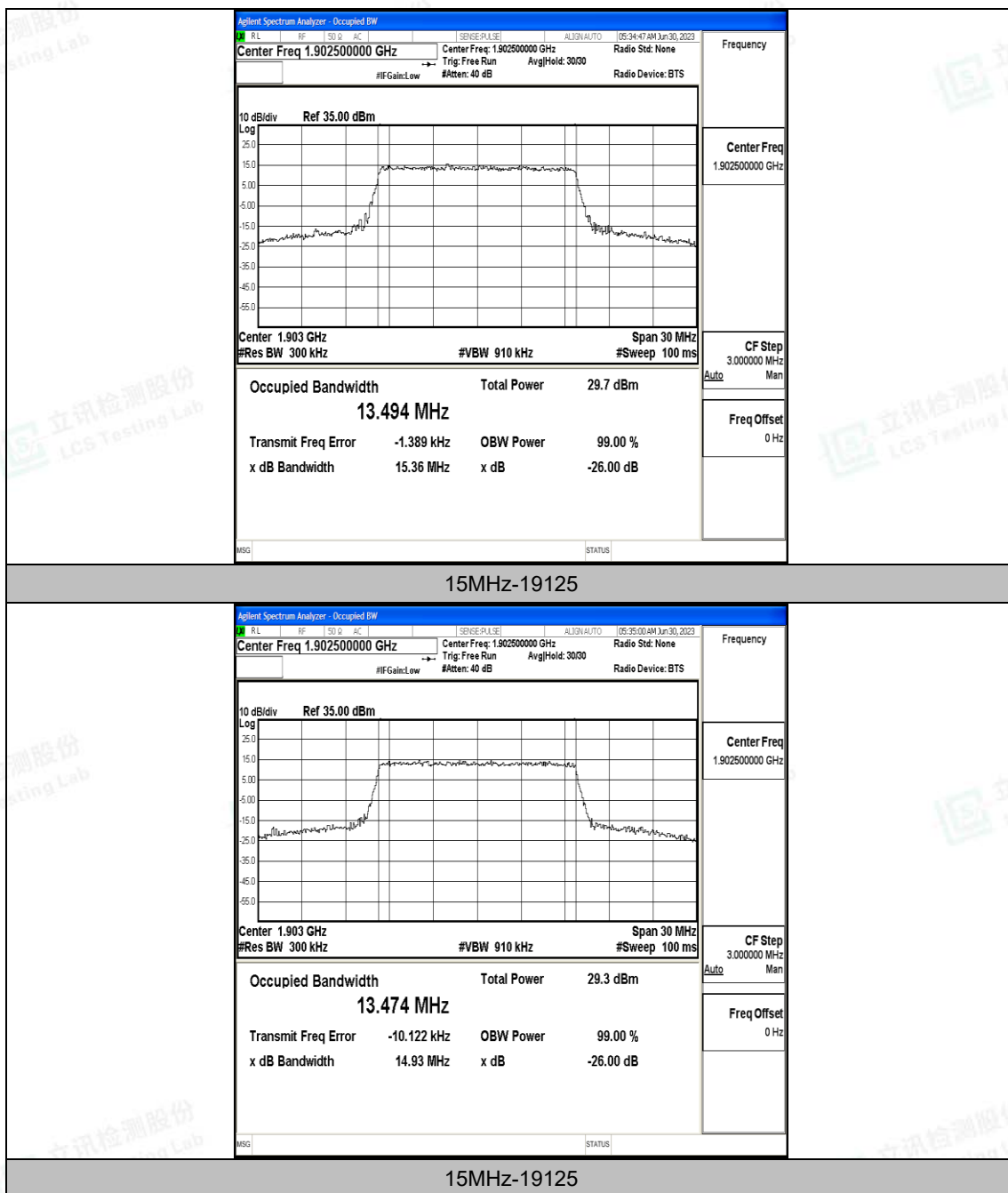
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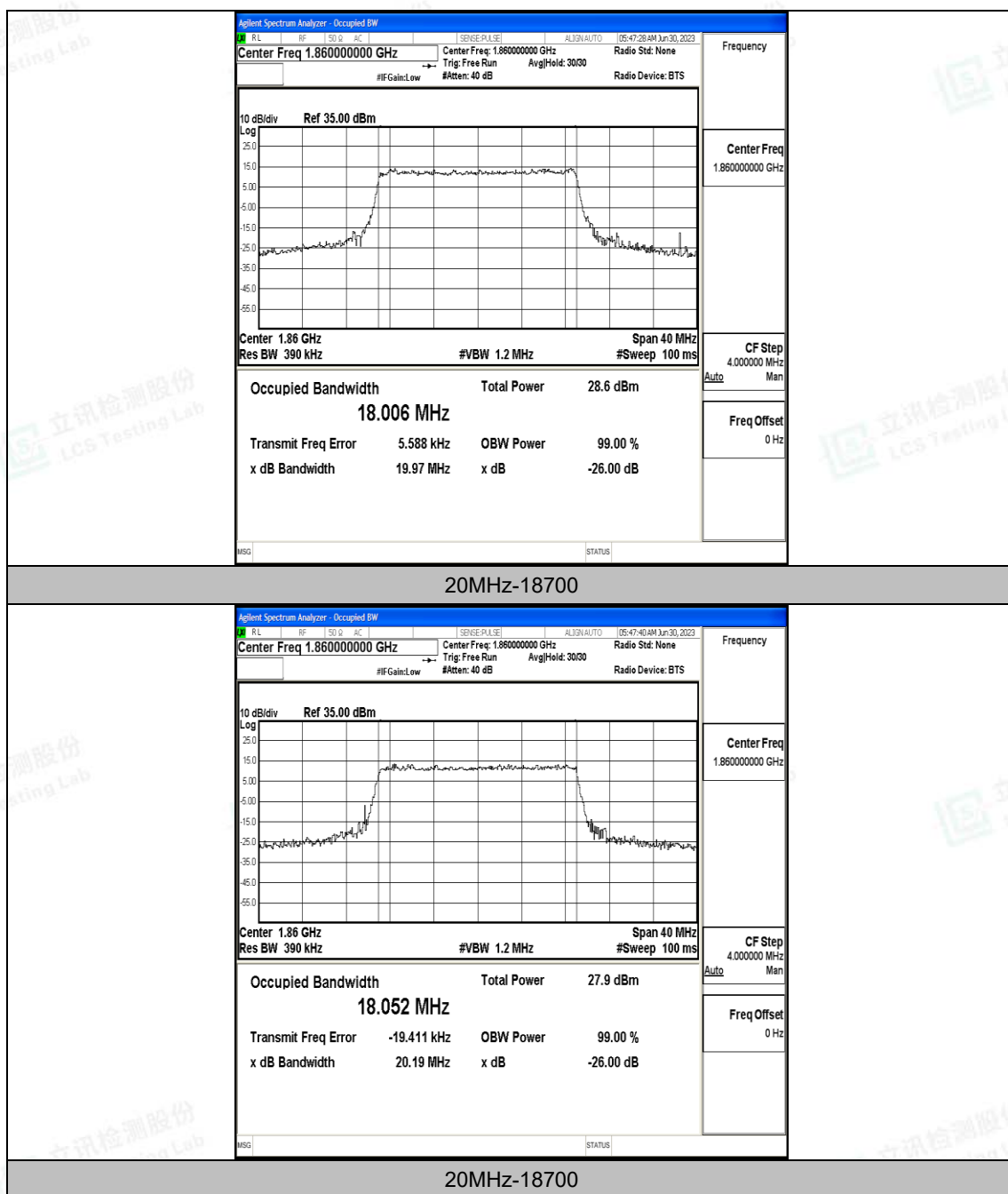
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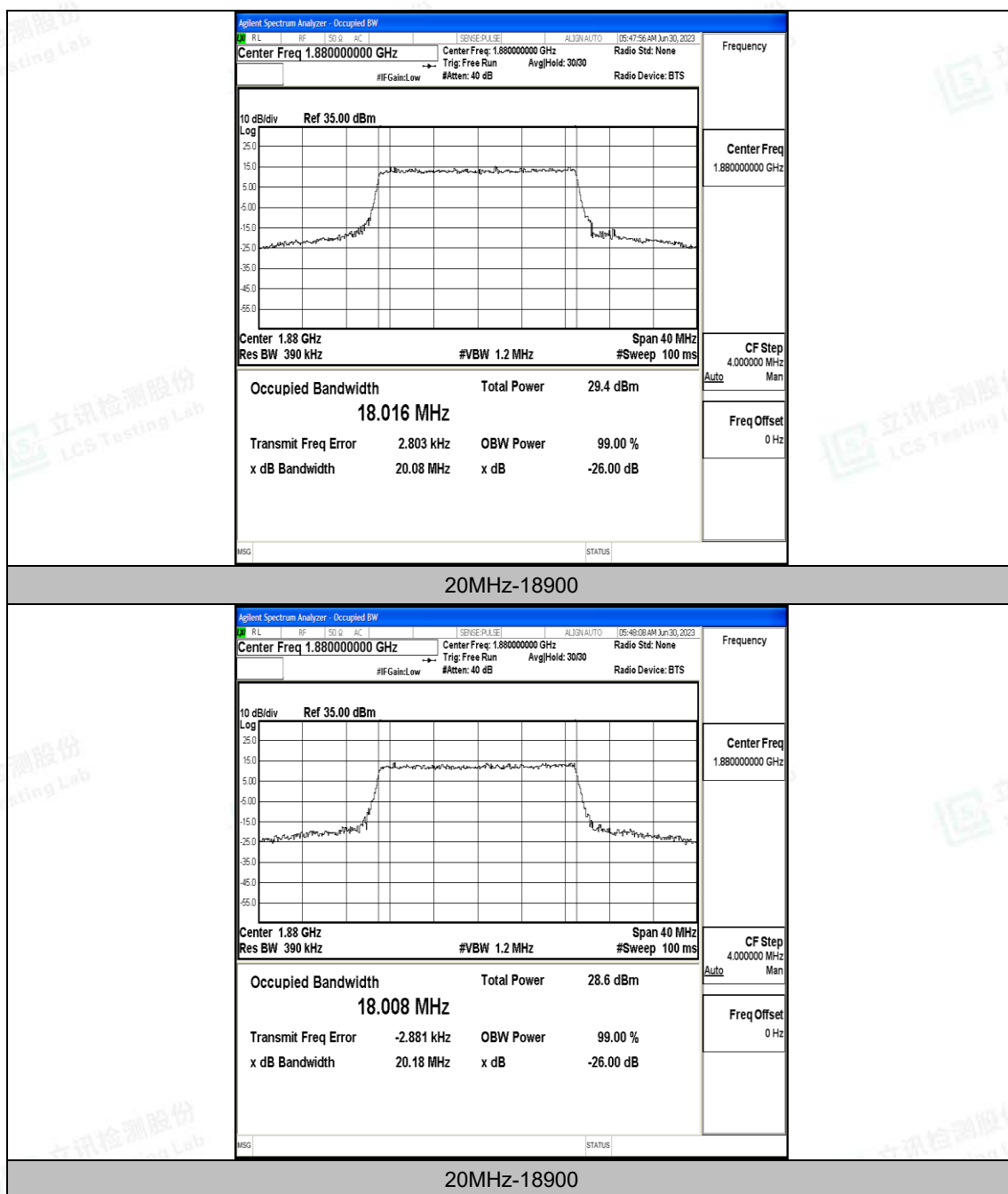


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D.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1848.97	-44.14	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1848.97	-45.59	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1911.11	-42.56	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1911.13	-42.52	PASS
Band2	3MHz	QPSK	18615	15RB#0	1848.91	-36.64	PASS
Band2	3MHz	16QAM	18615	15RB#0	1848.88	-38.74	PASS
Band2	3MHz	QPSK	19185	15RB#0	1911.05	-30.18	PASS
Band2	3MHz	16QAM	19185	15RB#0	1911.11	-32.90	PASS
Band2	5MHz	QPSK	18625	25RB#0	1848.81	-37.13	PASS
Band2	5MHz	16QAM	18625	25RB#0	1848.94	-37.77	PASS
Band2	5MHz	QPSK	19175	25RB#0	1911.10	-29.88	PASS
Band2	5MHz	16QAM	19175	25RB#0	1911.10	-31.68	PASS
Band2	10MHz	QPSK	18650	50RB#0	1848.92	-36.71	PASS
Band2	10MHz	16QAM	18650	50RB#0	1848.66	-37.88	PASS
Band2	10MHz	QPSK	19150	50RB#0	1911.09	-30.11	PASS
Band2	10MHz	16QAM	19150	50RB#0	1911.16	-31.96	PASS
Band2	15MHz	QPSK	18675	75RB#0	1848.90	-35.53	PASS
Band2	15MHz	16QAM	18675	75RB#0	1848.66	-36.84	PASS
Band2	15MHz	QPSK	19125	75RB#0	1911.20	-30.25	PASS
Band2	15MHz	16QAM	19125	75RB#0	1911.37	-31.74	PASS
Band2	20MHz	QPSK	18700	100RB#0	1848.29	-35.31	PASS
Band2	20MHz	16QAM	18700	100RB#0	1848.66	-36.37	PASS
Band2	20MHz	QPSK	19100	100RB#0	1911.21	-30.13	PASS
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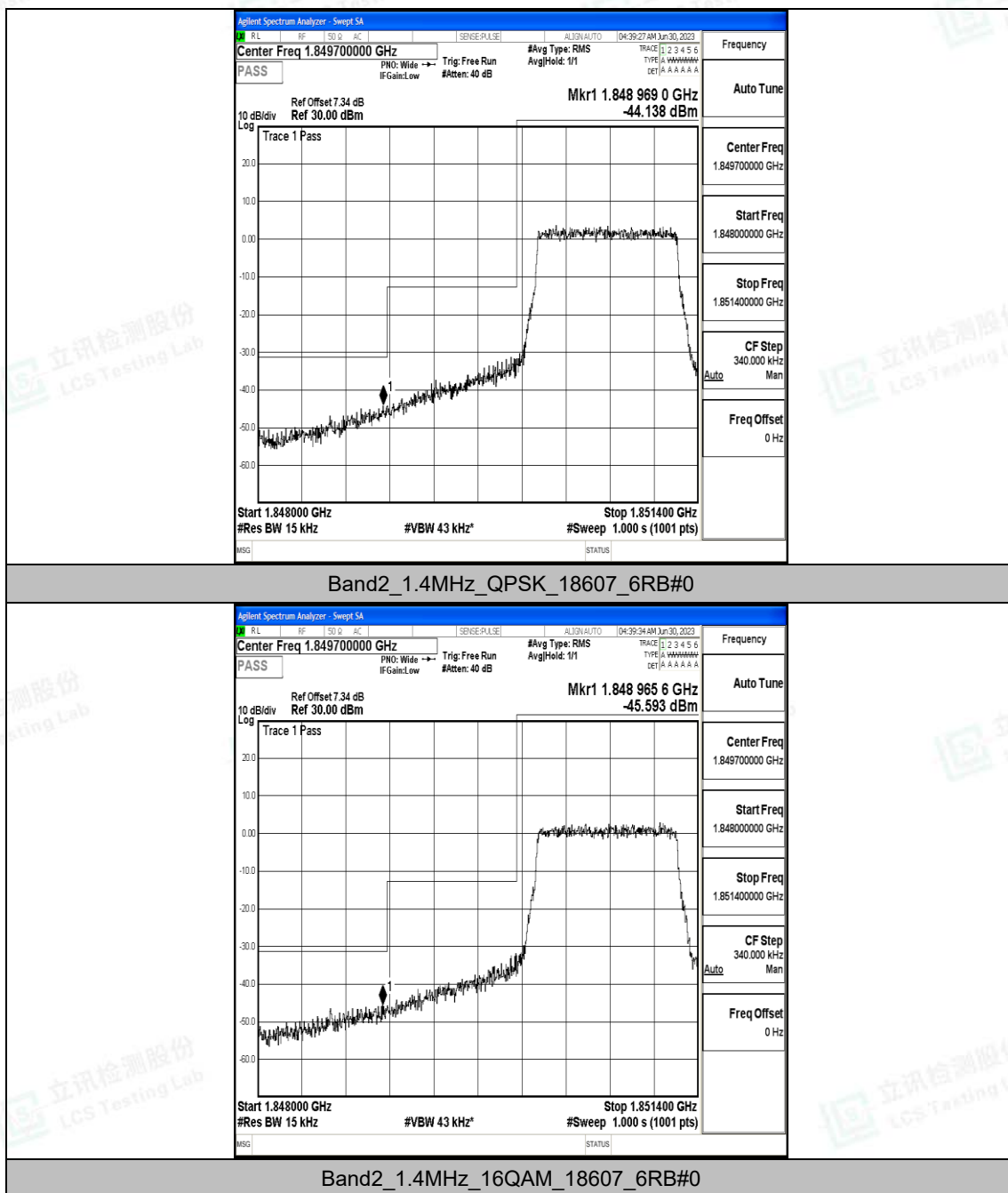
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Test Graphs

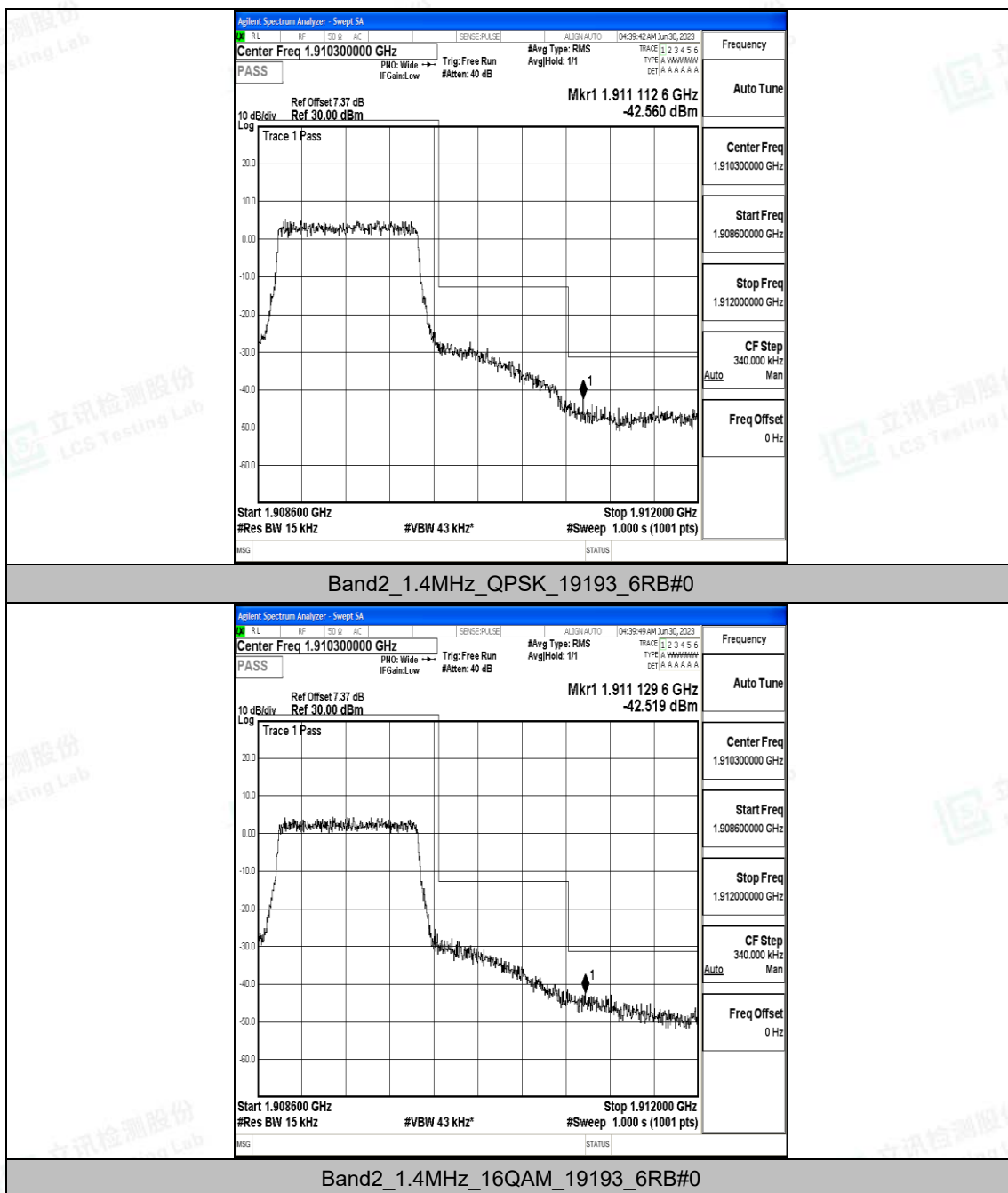


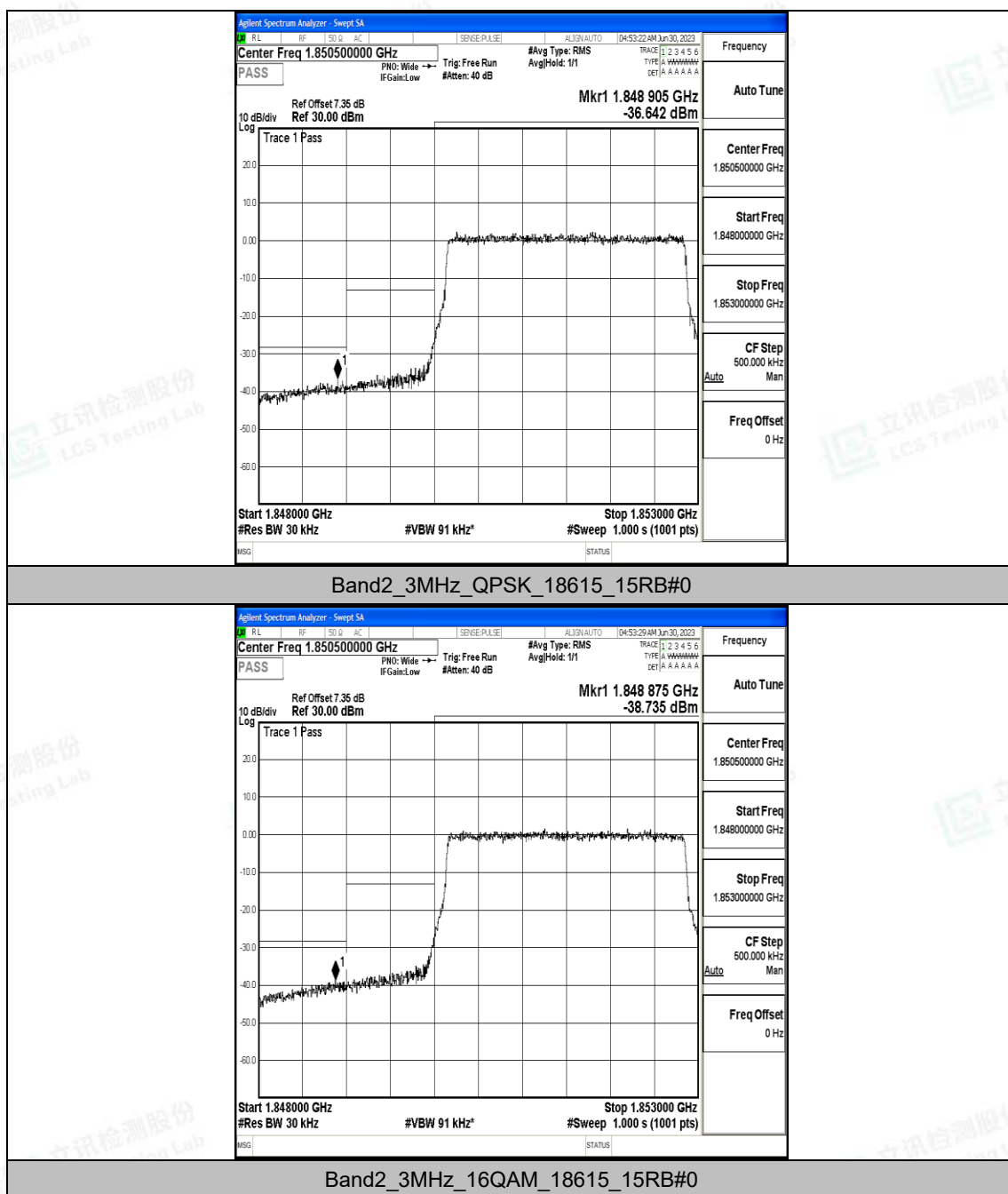
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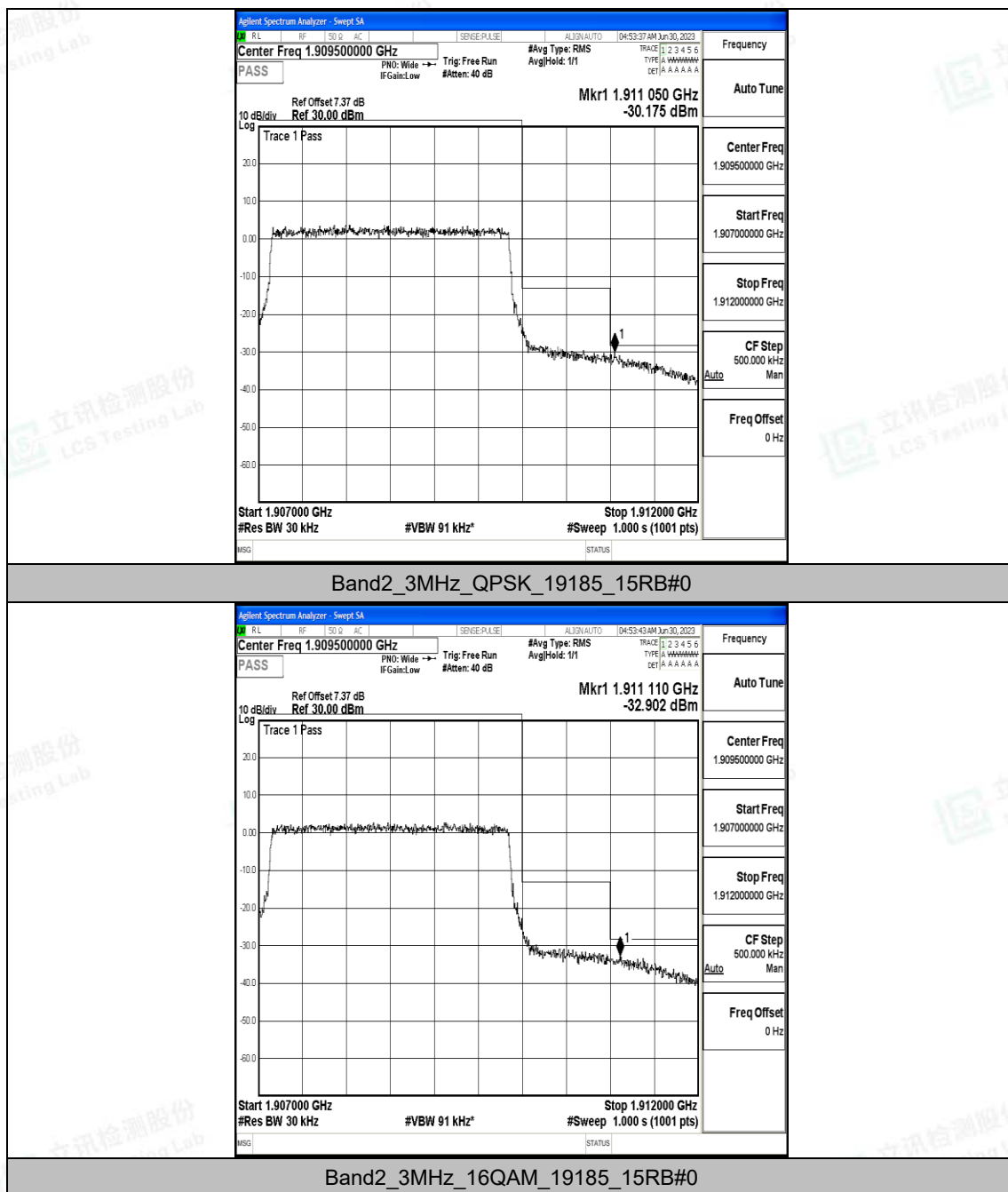


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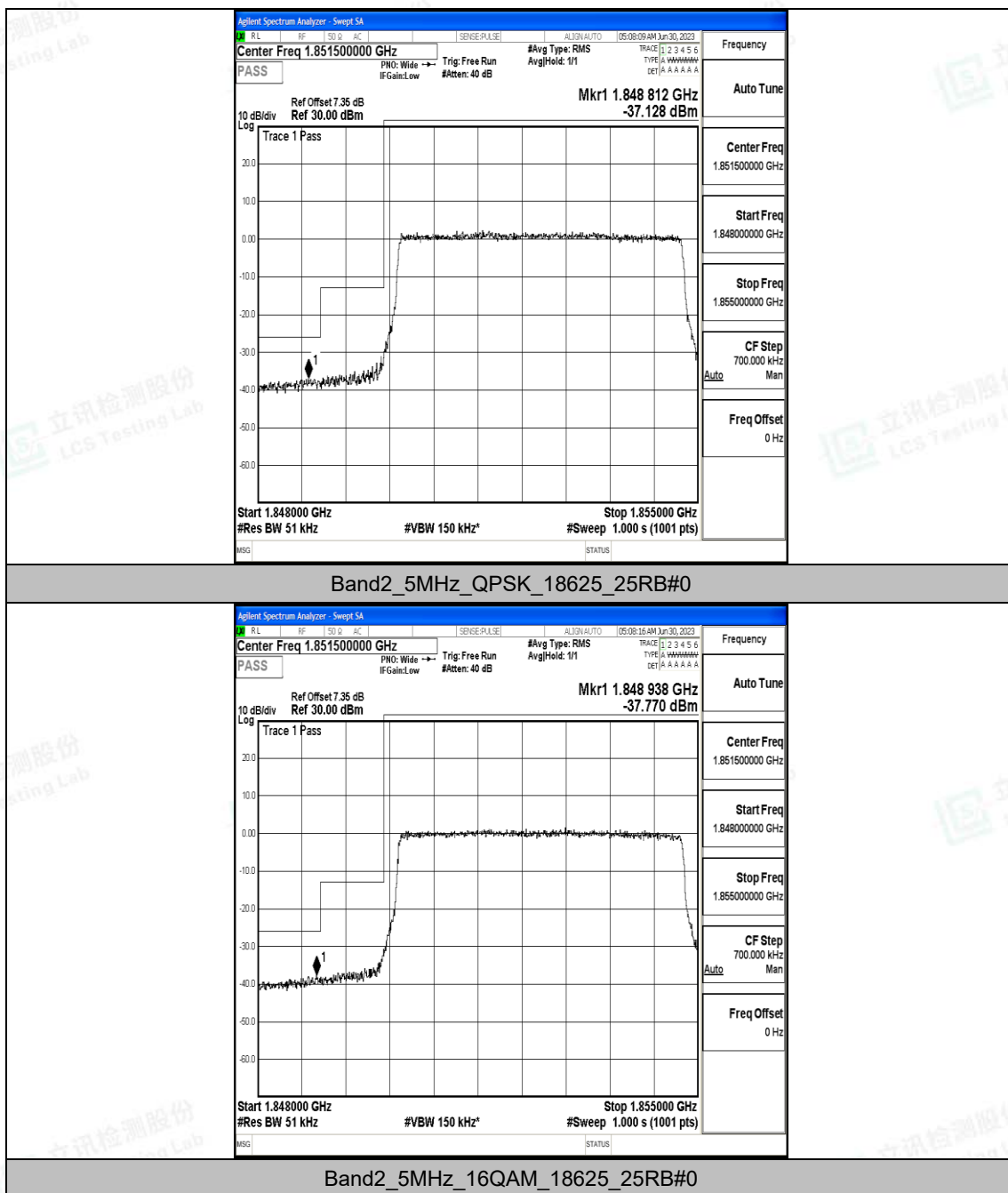


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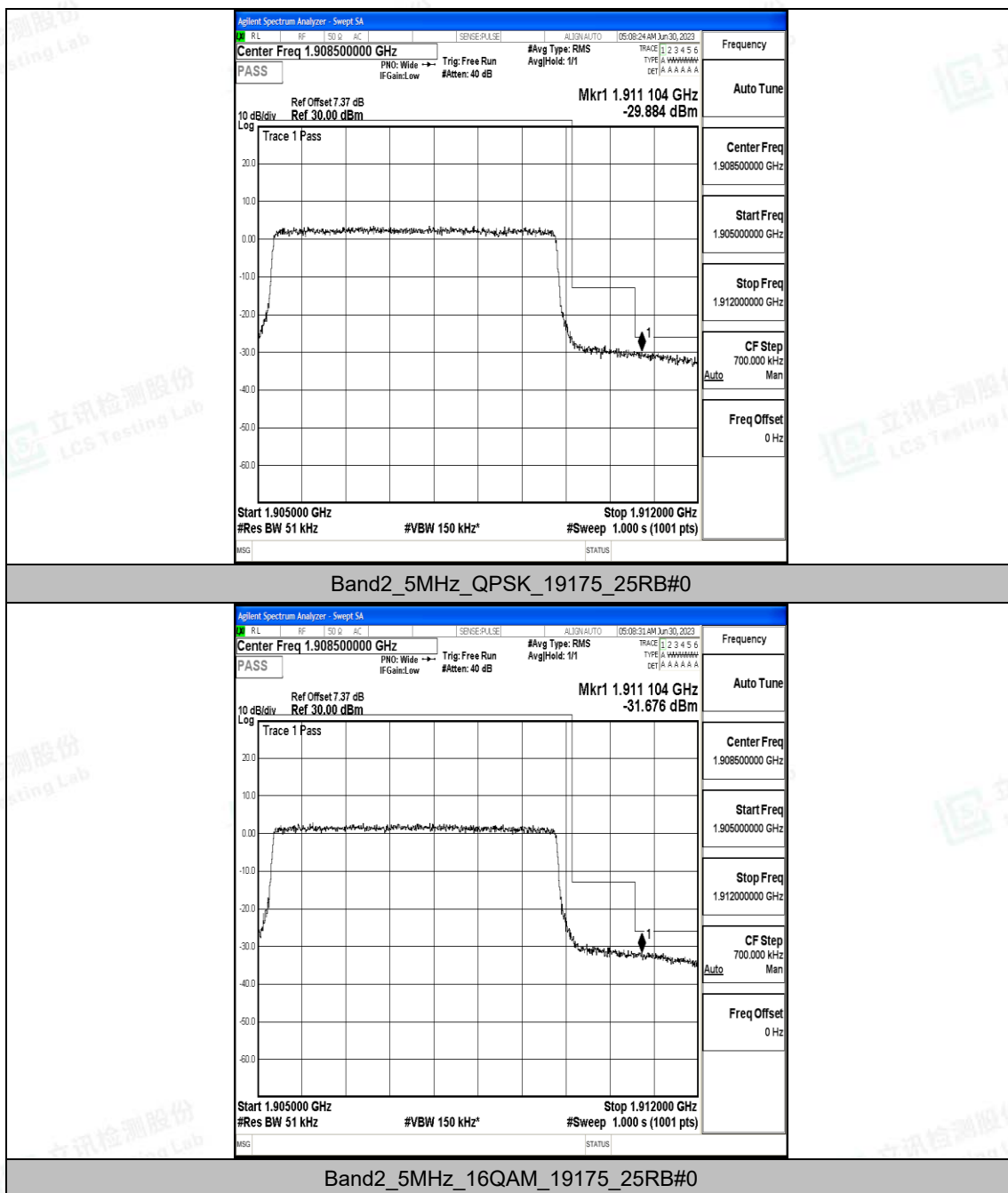


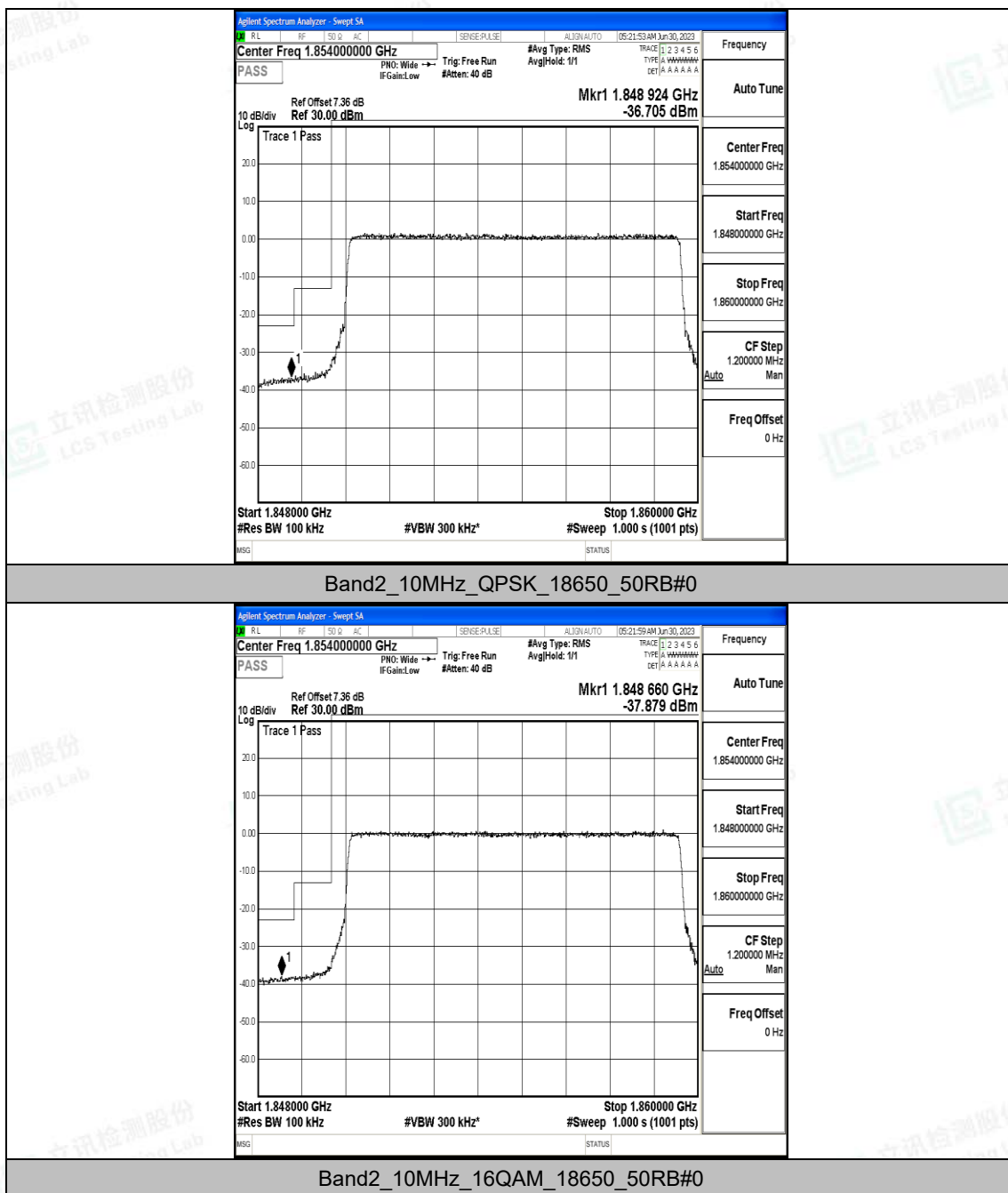
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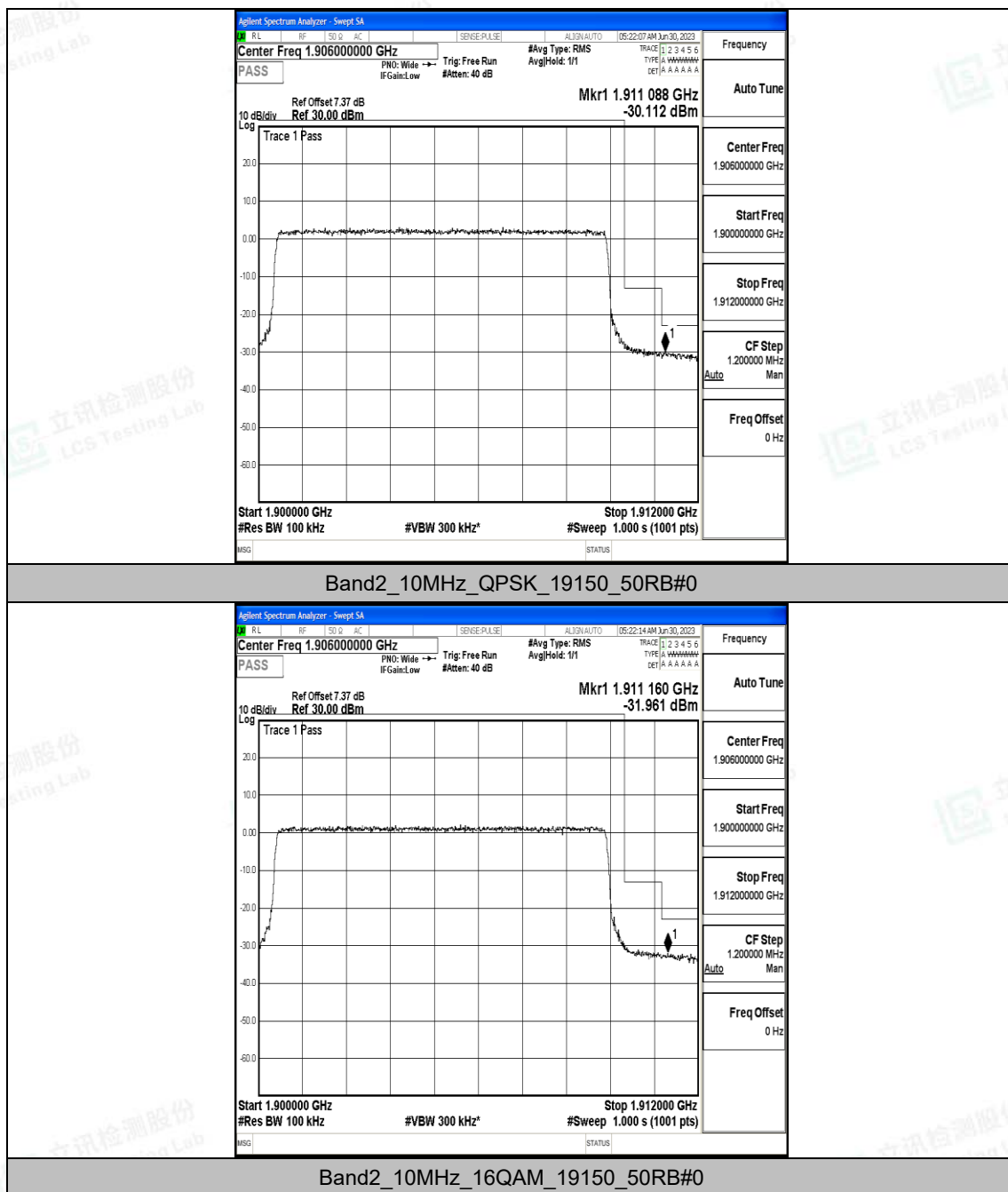


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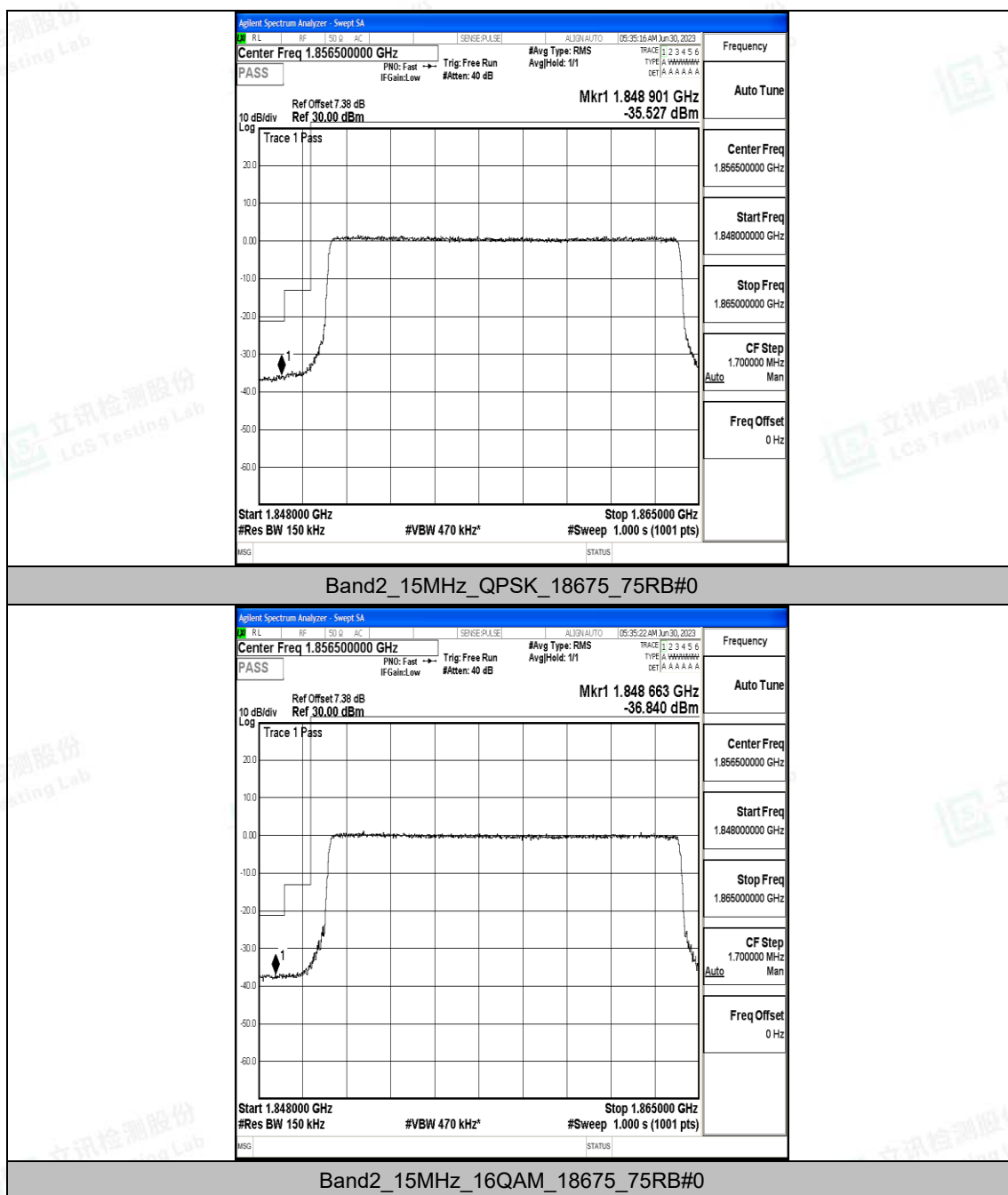


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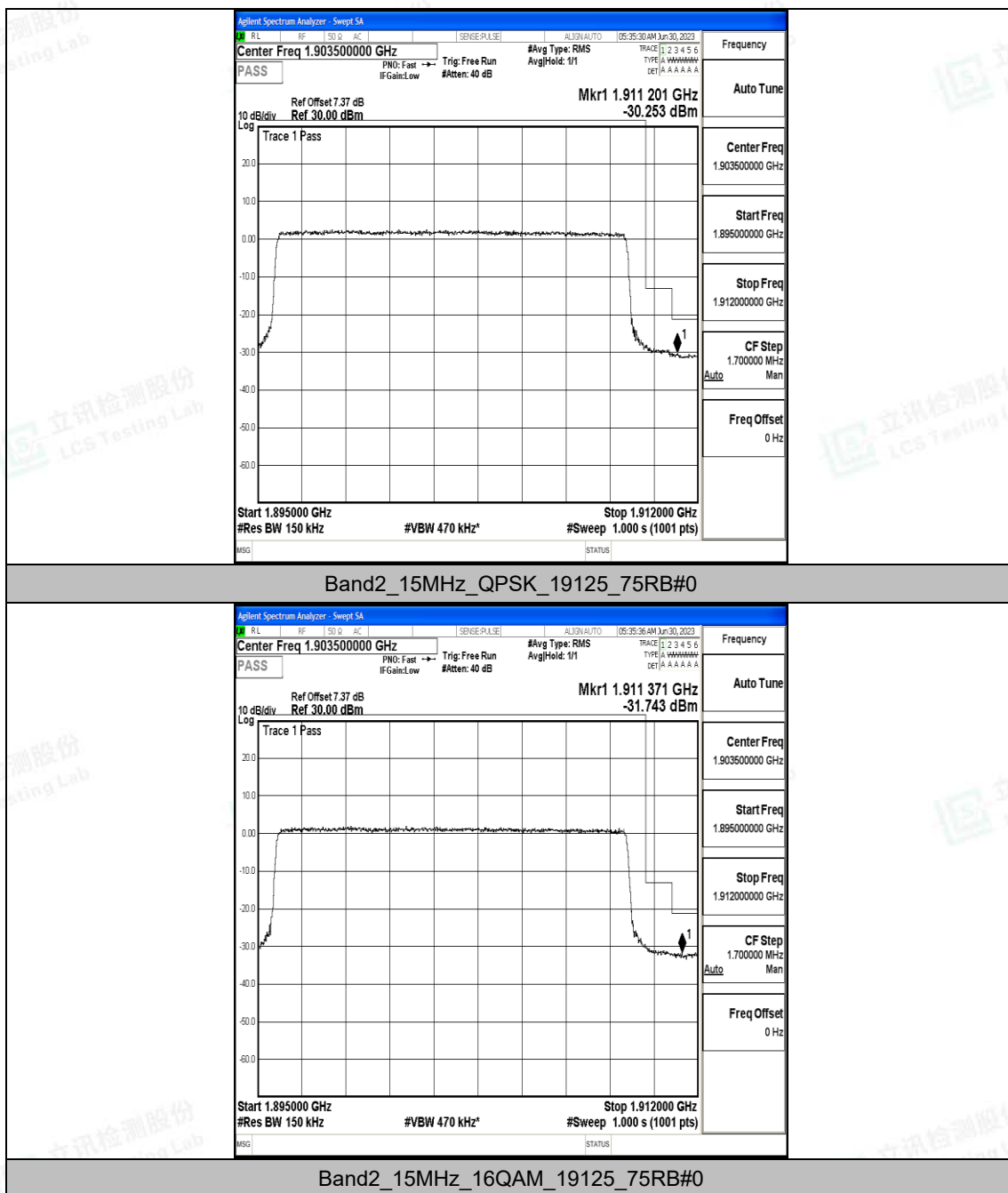


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Scan code to check authenticity

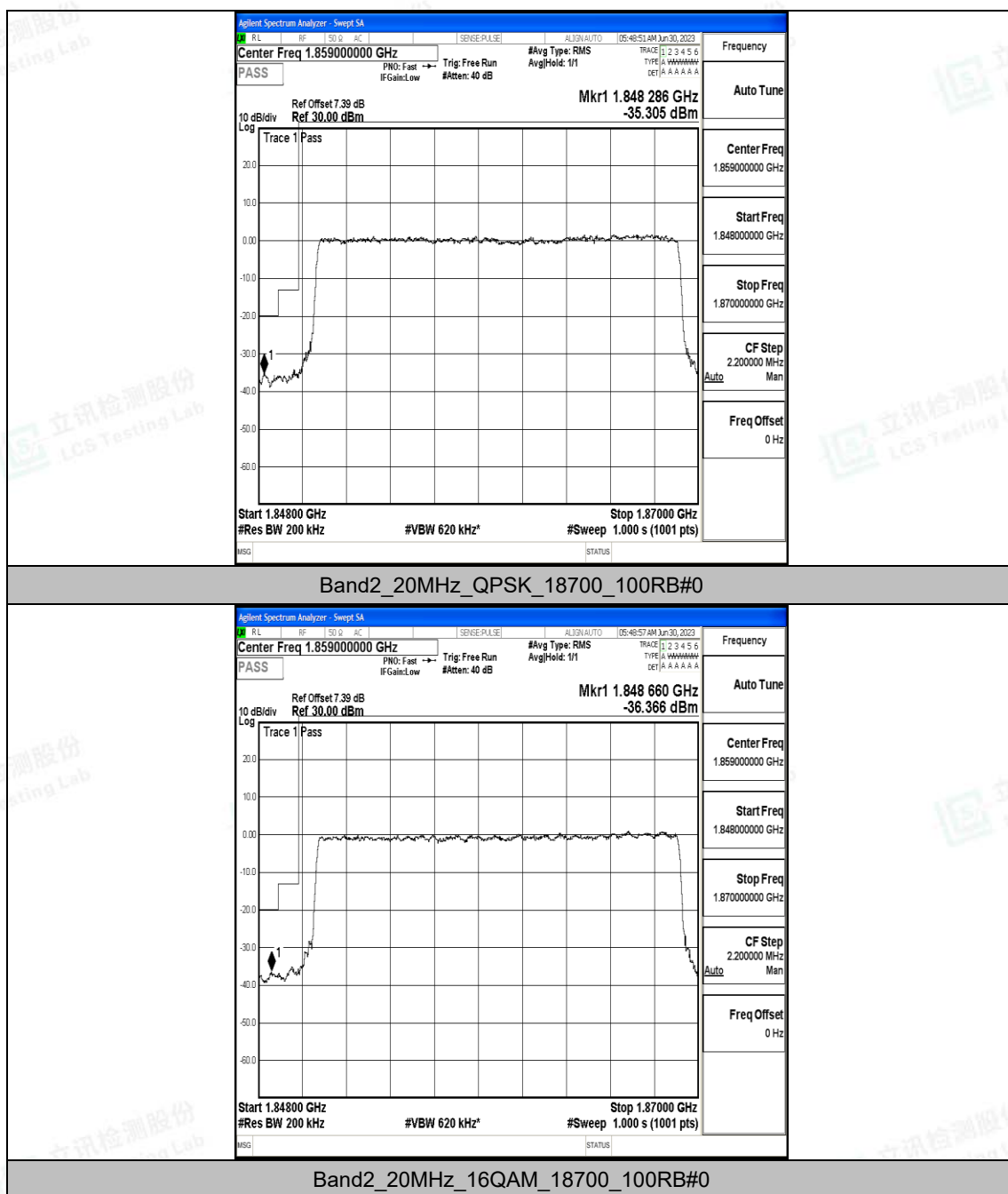


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Scan code to check authenticity

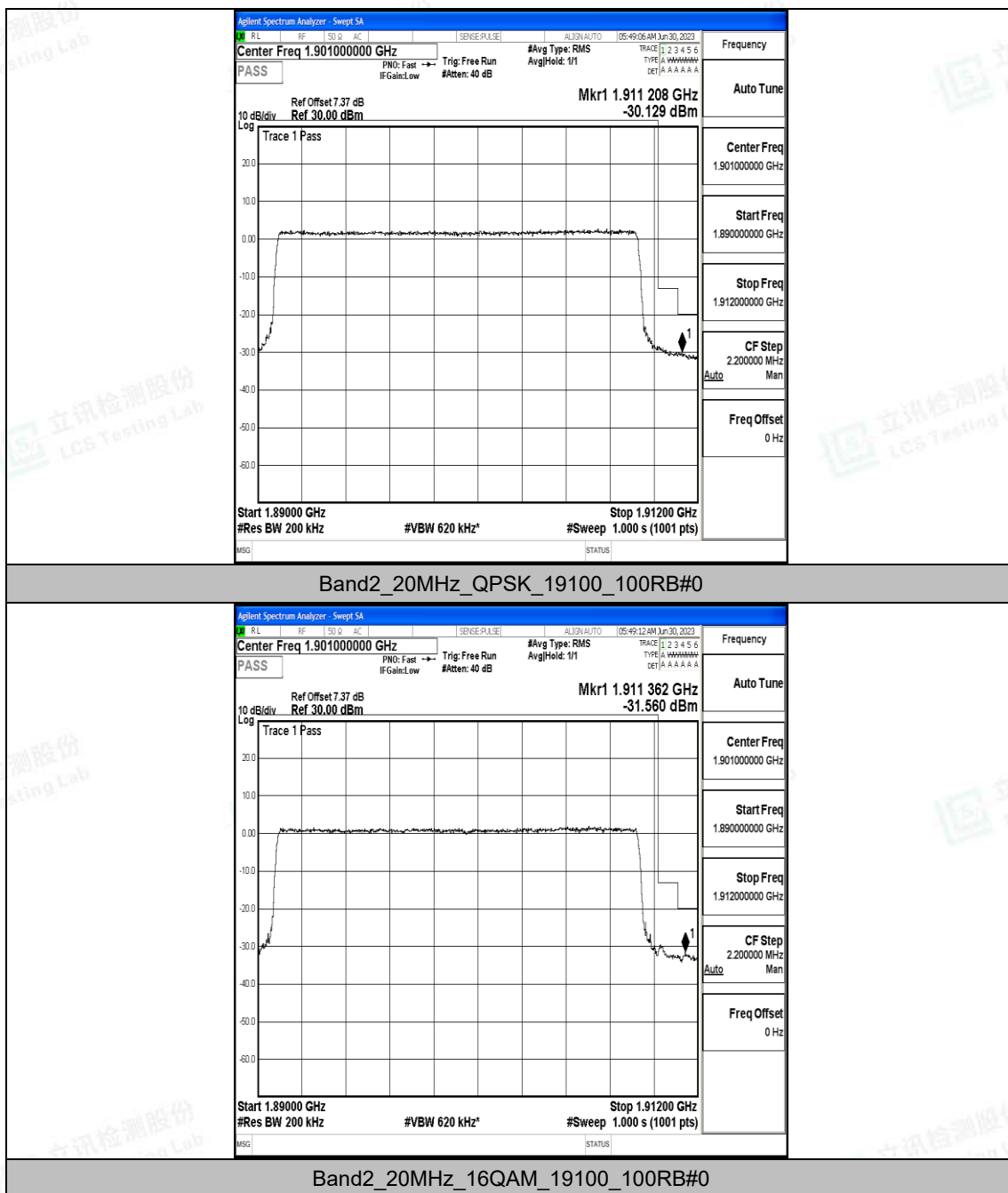


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D.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	0.009~0.15	-61.88	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	0.15~30	-53.39	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	30~1000	-53.86	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	1000~3000	-28.14	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	3000~20000	-33.03	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.009~0.15	-59.57	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.15~30	-56.42	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	30~1000	-53.95	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	1000~3000	-27.99	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	3000~20000	-33.15	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.009~0.15	-58.62	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.15~30	-51.98	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	30~1000	-53.71	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	1000~3000	-26.04	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	3000~20000	-33.51	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.009~0.15	-59.36	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.15~30	-52.87	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	30~1000	-53.89	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	1000~3000	-26.12	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	3000~20000	-33.53	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.009~0.15	-57.69	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.15~30	-53.71	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	30~1000	-53.83	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	1000~3000	-20.90	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3000~20000	-33.37	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.009~0.15	-56.53	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.15~30	-51.44	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	30~1000	-53.86	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	1000~3000	-23.58	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	3000~20000	-33.03	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.009~0.15	-54.81	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.15~30	-51.61	PASS
Band2	3MHz	QPSK	18615	1RB#0	30~1000	-53.94	PASS
Band2	3MHz	QPSK	18615	1RB#0	1000~3000	-26.96	PASS
Band2	3MHz	QPSK	18615	1RB#0	3000~20000	-33.24	PASS



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Band2	3MHz	16QAM	18615	1RB#0	0.009~0.15	-57.86	PASS
Band2	3MHz	16QAM	18615	1RB#0	0.15~30	-51.83	PASS
Band2	3MHz	16QAM	18615	1RB#0	30~1000	-53.87	PASS
Band2	3MHz	16QAM	18615	1RB#0	1000~3000	-31.43	PASS
Band2	3MHz	16QAM	18615	1RB#0	3000~20000	-33.53	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.009~0.15	-59.54	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.15~30	-54.21	PASS
Band2	3MHz	QPSK	18900	1RB#0	30~1000	-53.88	PASS
Band2	3MHz	QPSK	18900	1RB#0	1000~3000	-28.93	PASS
Band2	3MHz	QPSK	18900	1RB#0	3000~20000	-33.40	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.009~0.15	-61.24	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.15~30	-53.90	PASS
Band2	3MHz	16QAM	18900	1RB#0	30~1000	-53.90	PASS
Band2	3MHz	16QAM	18900	1RB#0	1000~3000	-28.57	PASS
Band2	3MHz	16QAM	18900	1RB#0	3000~20000	-33.38	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.009~0.15	-58.31	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.15~30	-50.24	PASS
Band2	3MHz	QPSK	19185	1RB#0	30~1000	-53.95	PASS
Band2	3MHz	QPSK	19185	1RB#0	1000~3000	-27.70	PASS
Band2	3MHz	QPSK	19185	1RB#0	3000~20000	-33.56	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.009~0.15	-58.34	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.15~30	-52.91	PASS
Band2	3MHz	16QAM	19185	1RB#0	30~1000	-53.94	PASS
Band2	3MHz	16QAM	19185	1RB#0	1000~3000	-26.27	PASS
Band2	3MHz	16QAM	19185	1RB#0	3000~20000	-33.31	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.009~0.15	-58.36	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.15~30	-55.17	PASS
Band2	5MHz	QPSK	18625	1RB#0	30~1000	-53.80	PASS
Band2	5MHz	QPSK	18625	1RB#0	1000~3000	-36.60	PASS
Band2	5MHz	QPSK	18625	1RB#0	3000~20000	-33.27	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.009~0.15	-59.07	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.15~30	-53.03	PASS
Band2	5MHz	16QAM	18625	1RB#0	30~1000	-53.88	PASS
Band2	5MHz	16QAM	18625	1RB#0	1000~3000	-37.86	PASS
Band2	5MHz	16QAM	18625	1RB#0	3000~20000	-33.34	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.009~0.15	-58.32	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.15~30	-52.37	PASS
Band2	5MHz	QPSK	18900	1RB#0	30~1000	-53.80	PASS
Band2	5MHz	QPSK	18900	1RB#0	1000~3000	-35.88	PASS
Band2	5MHz	QPSK	18900	1RB#0	3000~20000	-33.17	PASS





Band2	5MHz	16QAM	18900	1RB#0	0.009~0.15	-60.56	PASS
Band2	5MHz	16QAM	18900	1RB#0	0.15~30	-52.65	PASS
Band2	5MHz	16QAM	18900	1RB#0	30~1000	-53.86	PASS
Band2	5MHz	16QAM	18900	1RB#0	1000~3000	-39.15	PASS
Band2	5MHz	16QAM	18900	1RB#0	3000~20000	-33.43	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.009~0.15	-58.38	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.15~30	-52.67	PASS
Band2	5MHz	QPSK	19175	1RB#0	30~1000	-53.83	PASS
Band2	5MHz	QPSK	19175	1RB#0	1000~3000	-41.69	PASS
Band2	5MHz	QPSK	19175	1RB#0	3000~20000	-33.17	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.009~0.15	-58.54	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.15~30	-52.66	PASS
Band2	5MHz	16QAM	19175	1RB#0	30~1000	-53.96	PASS
Band2	5MHz	16QAM	19175	1RB#0	1000~3000	-38.91	PASS
Band2	5MHz	16QAM	19175	1RB#0	3000~20000	-33.20	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.009~0.15	-58.66	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.15~30	-53.89	PASS
Band2	10MHz	QPSK	18650	1RB#0	30~1000	-53.88	PASS
Band2	10MHz	QPSK	18650	1RB#0	1000~3000	-47.67	PASS
Band2	10MHz	QPSK	18650	1RB#0	3000~20000	-33.16	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.009~0.15	-57.72	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.15~30	-51.95	PASS
Band2	10MHz	16QAM	18650	1RB#0	30~1000	-53.89	PASS
Band2	10MHz	16QAM	18650	1RB#0	1000~3000	-47.97	PASS
Band2	10MHz	16QAM	18650	1RB#0	3000~20000	-33.45	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.009~0.15	-57.03	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.15~30	-52.82	PASS
Band2	10MHz	QPSK	18900	1RB#0	30~1000	-53.85	PASS
Band2	10MHz	QPSK	18900	1RB#0	1000~3000	-47.44	PASS
Band2	10MHz	QPSK	18900	1RB#0	3000~20000	-33.24	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.009~0.15	-58.18	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.15~30	-52.58	PASS
Band2	10MHz	16QAM	18900	1RB#0	30~1000	-53.89	PASS
Band2	10MHz	16QAM	18900	1RB#0	1000~3000	-47.64	PASS
Band2	10MHz	16QAM	18900	1RB#0	3000~20000	-33.13	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.009~0.15	-55.36	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.15~30	-53.92	PASS
Band2	10MHz	QPSK	19150	1RB#0	30~1000	-53.92	PASS
Band2	10MHz	QPSK	19150	1RB#0	1000~3000	-47.62	PASS
Band2	10MHz	QPSK	19150	1RB#0	3000~20000	-33.07	PASS





Band2	10MHz	16QAM	19150	1RB#0	0.009~0.15	-57.46	PASS
Band2	10MHz	16QAM	19150	1RB#0	0.15~30	-53.16	PASS
Band2	10MHz	16QAM	19150	1RB#0	30~1000	-53.88	PASS
Band2	10MHz	16QAM	19150	1RB#0	1000~3000	-47.82	PASS
Band2	10MHz	16QAM	19150	1RB#0	3000~20000	-33.32	PASS
Band2	15MHz	QPSK	18675	1RB#0	0.009~0.15	-58.70	PASS
Band2	15MHz	QPSK	18675	1RB#0	0.15~30	-55.11	PASS
Band2	15MHz	QPSK	18675	1RB#0	30~1000	-53.92	PASS
Band2	15MHz	QPSK	18675	1RB#0	1000~3000	-47.86	PASS
Band2	15MHz	QPSK	18675	1RB#0	3000~20000	-33.16	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.009~0.15	-57.10	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.15~30	-53.33	PASS
Band2	15MHz	16QAM	18675	1RB#0	30~1000	-53.93	PASS
Band2	15MHz	16QAM	18675	1RB#0	1000~3000	-47.92	PASS
Band2	15MHz	16QAM	18675	1RB#0	3000~20000	-33.21	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.009~0.15	-55.78	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.15~30	-50.99	PASS
Band2	15MHz	QPSK	18900	1RB#0	30~1000	-53.91	PASS
Band2	15MHz	QPSK	18900	1RB#0	1000~3000	-48.26	PASS
Band2	15MHz	QPSK	18900	1RB#0	3000~20000	-33.35	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.009~0.15	-61.29	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.15~30	-53.97	PASS
Band2	15MHz	16QAM	18900	1RB#0	30~1000	-53.90	PASS
Band2	15MHz	16QAM	18900	1RB#0	1000~3000	-47.89	PASS
Band2	15MHz	16QAM	18900	1RB#0	3000~20000	-33.39	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.009~0.15	-59.70	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.15~30	-51.37	PASS
Band2	15MHz	QPSK	19125	1RB#0	30~1000	-53.96	PASS
Band2	15MHz	QPSK	19125	1RB#0	1000~3000	-47.99	PASS
Band2	15MHz	QPSK	19125	1RB#0	3000~20000	-33.36	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.009~0.15	-60.61	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.15~30	-54.75	PASS
Band2	15MHz	16QAM	19125	1RB#0	30~1000	-53.86	PASS
Band2	15MHz	16QAM	19125	1RB#0	1000~3000	-48.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	3000~20000	-33.30	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.009~0.15	-57.43	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.15~30	-53.22	PASS
Band2	20MHz	QPSK	18700	1RB#0	30~1000	-53.83	PASS
Band2	20MHz	QPSK	18700	1RB#0	1000~3000	-42.54	PASS
Band2	20MHz	QPSK	18700	1RB#0	3000~20000	-33.27	PASS



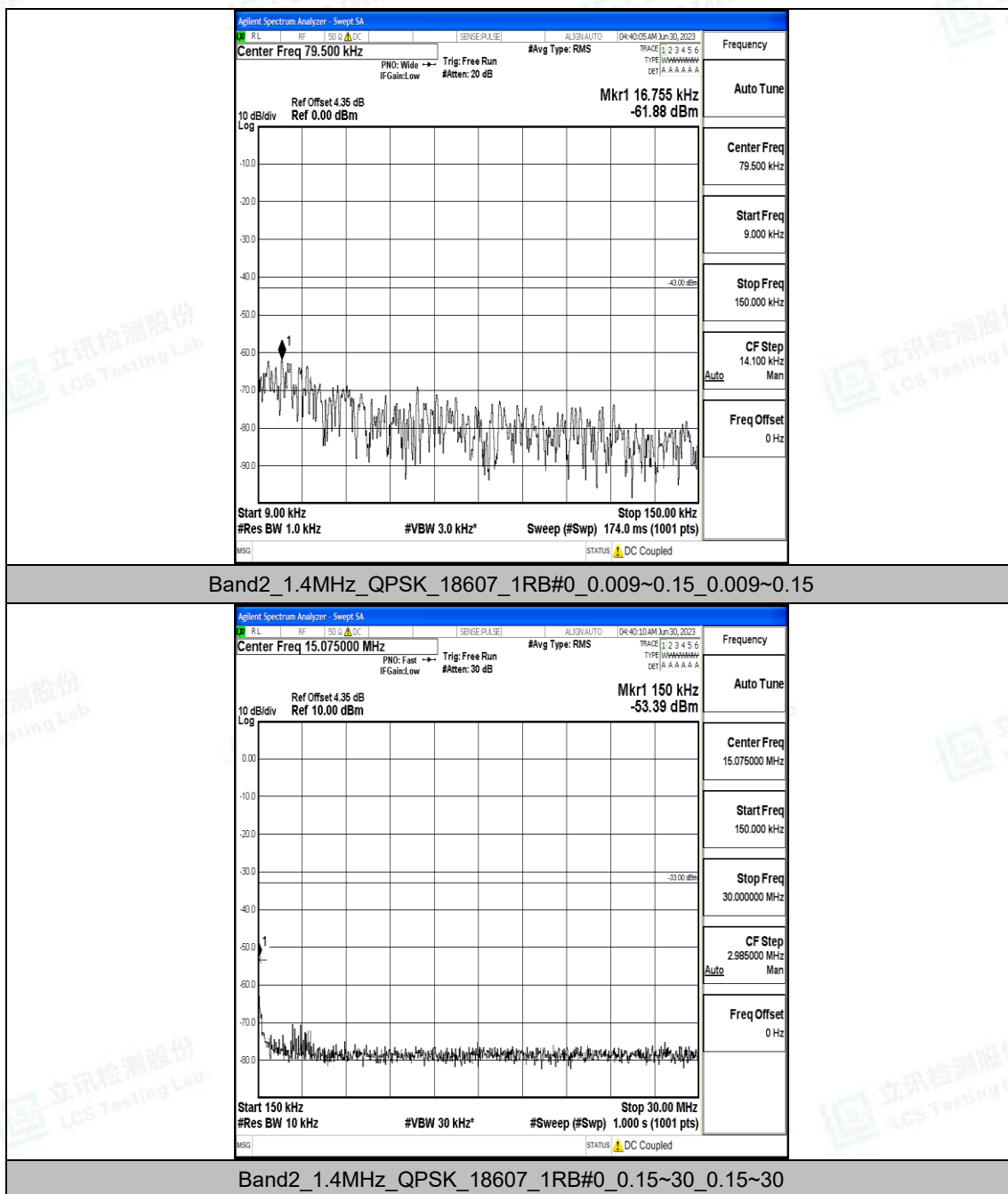


Band2	20MHz	16QAM	18700	1RB#0	0.009~0.15	-58.28	PASS
Band2	20MHz	16QAM	18700	1RB#0	0.15~30	-53.20	PASS
Band2	20MHz	16QAM	18700	1RB#0	30~1000	-53.91	PASS
Band2	20MHz	16QAM	18700	1RB#0	1000~3000	-42.45	PASS
Band2	20MHz	16QAM	18700	1RB#0	3000~20000	-33.49	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.009~0.15	-58.29	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.15~30	-52.78	PASS
Band2	20MHz	QPSK	18900	1RB#0	30~1000	-53.88	PASS
Band2	20MHz	QPSK	18900	1RB#0	1000~3000	-47.92	PASS
Band2	20MHz	QPSK	18900	1RB#0	3000~20000	-33.33	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.009~0.15	-57.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.15~30	-55.39	PASS
Band2	20MHz	16QAM	18900	1RB#0	30~1000	-53.81	PASS
Band2	20MHz	16QAM	18900	1RB#0	1000~3000	-47.81	PASS
Band2	20MHz	16QAM	18900	1RB#0	3000~20000	-33.50	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.009~0.15	-57.43	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.15~30	-53.83	PASS
Band2	20MHz	QPSK	19100	1RB#0	30~1000	-53.86	PASS
Band2	20MHz	QPSK	19100	1RB#0	1000~3000	-47.96	PASS
Band2	20MHz	QPSK	19100	1RB#0	3000~20000	-33.49	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.009~0.15	-57.79	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.15~30	-52.32	PASS
Band2	20MHz	16QAM	19100	1RB#0	30~1000	-53.91	PASS
Band2	20MHz	16QAM	19100	1RB#0	1000~3000	-47.78	PASS
Band2	20MHz	16QAM	19100	1RB#0	3000~20000	-33.09	PASS





Test Graphs

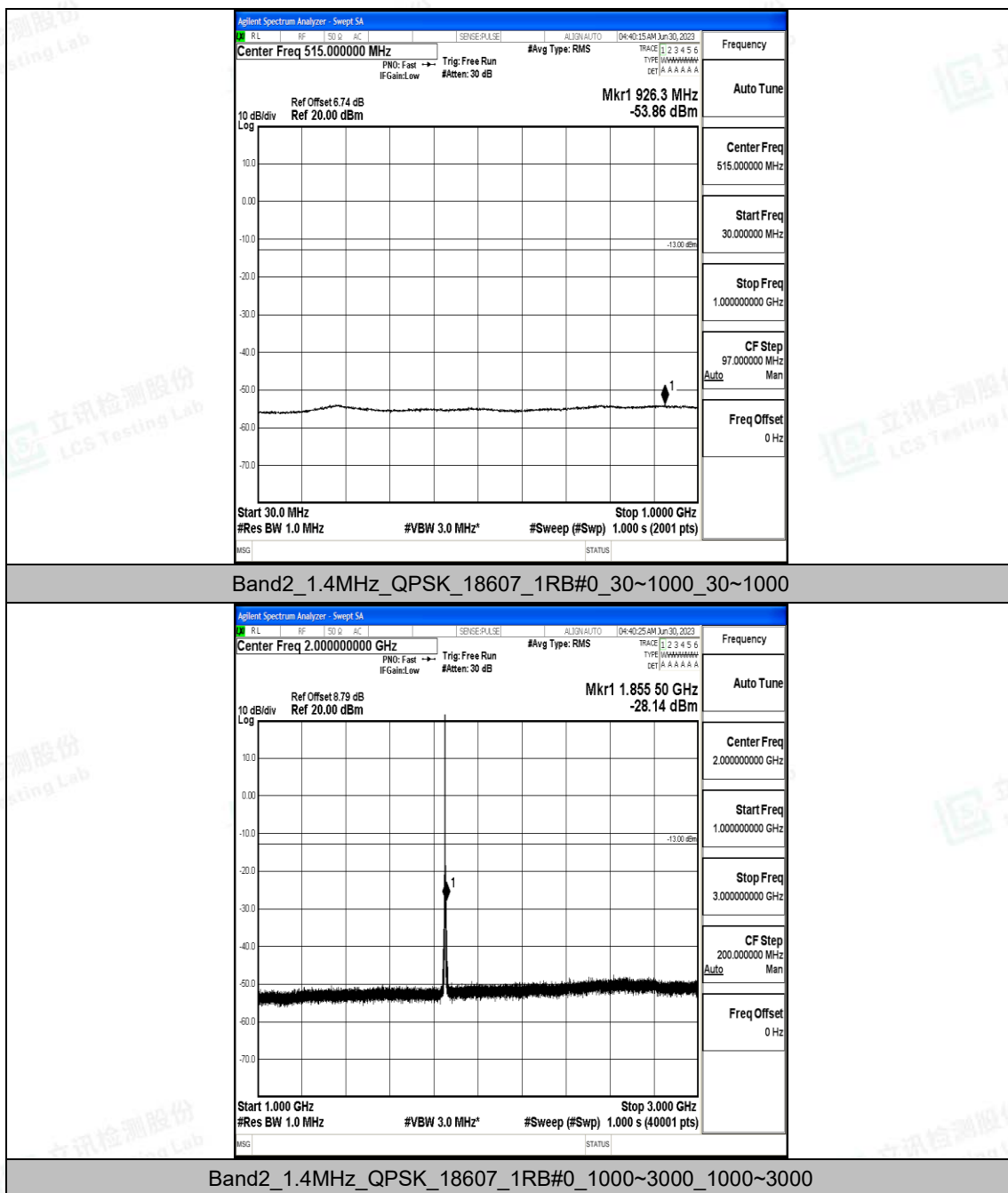


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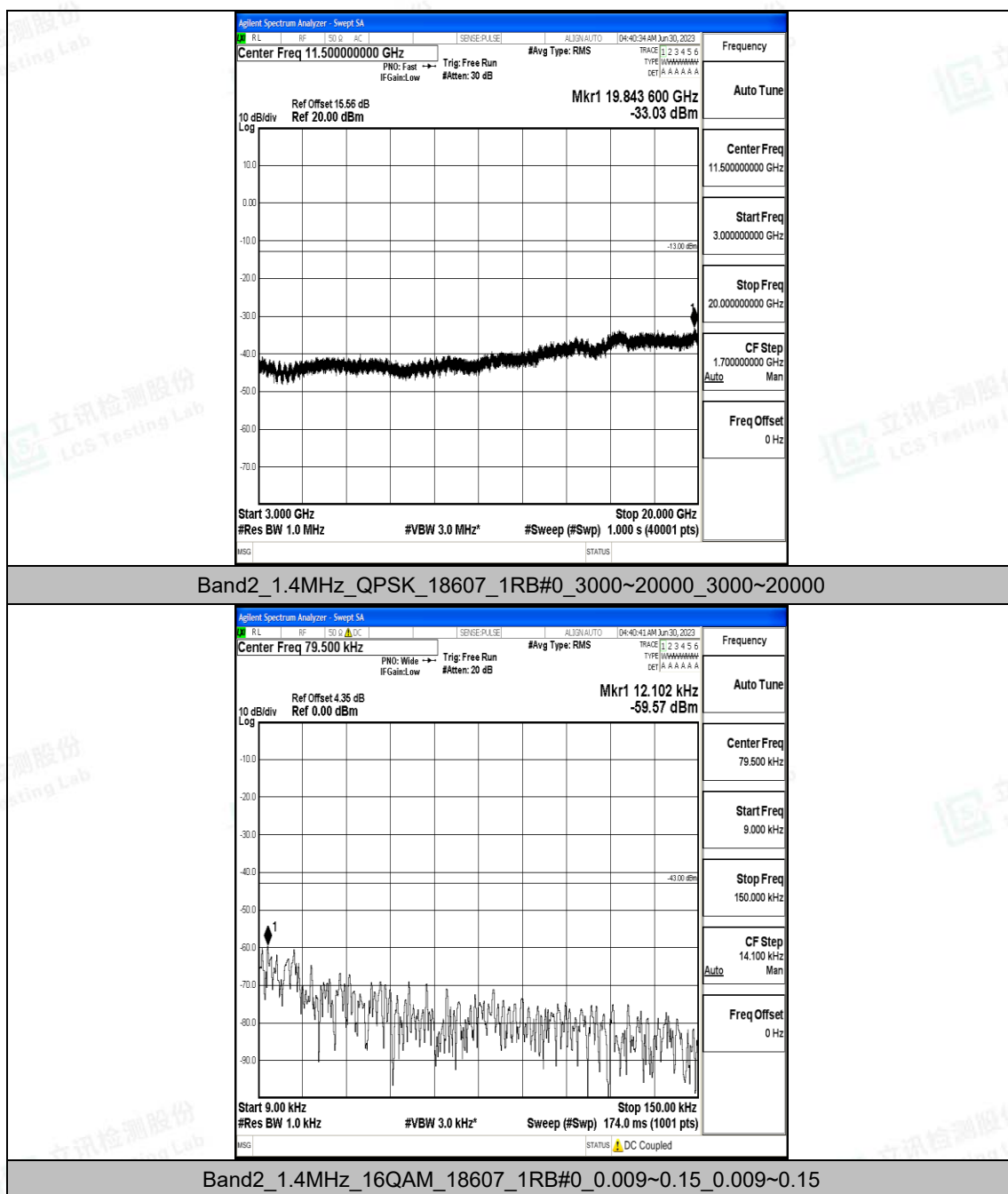


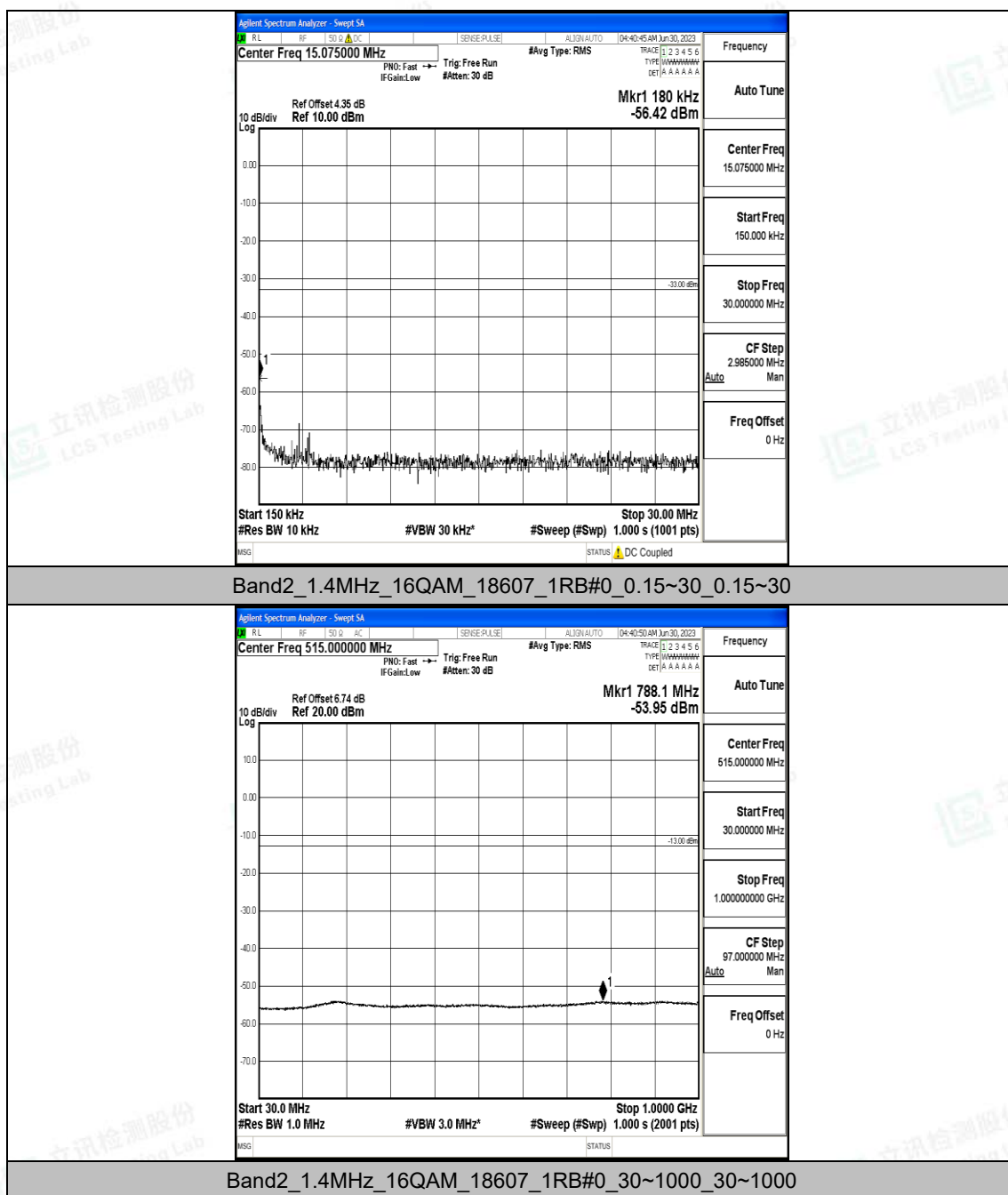
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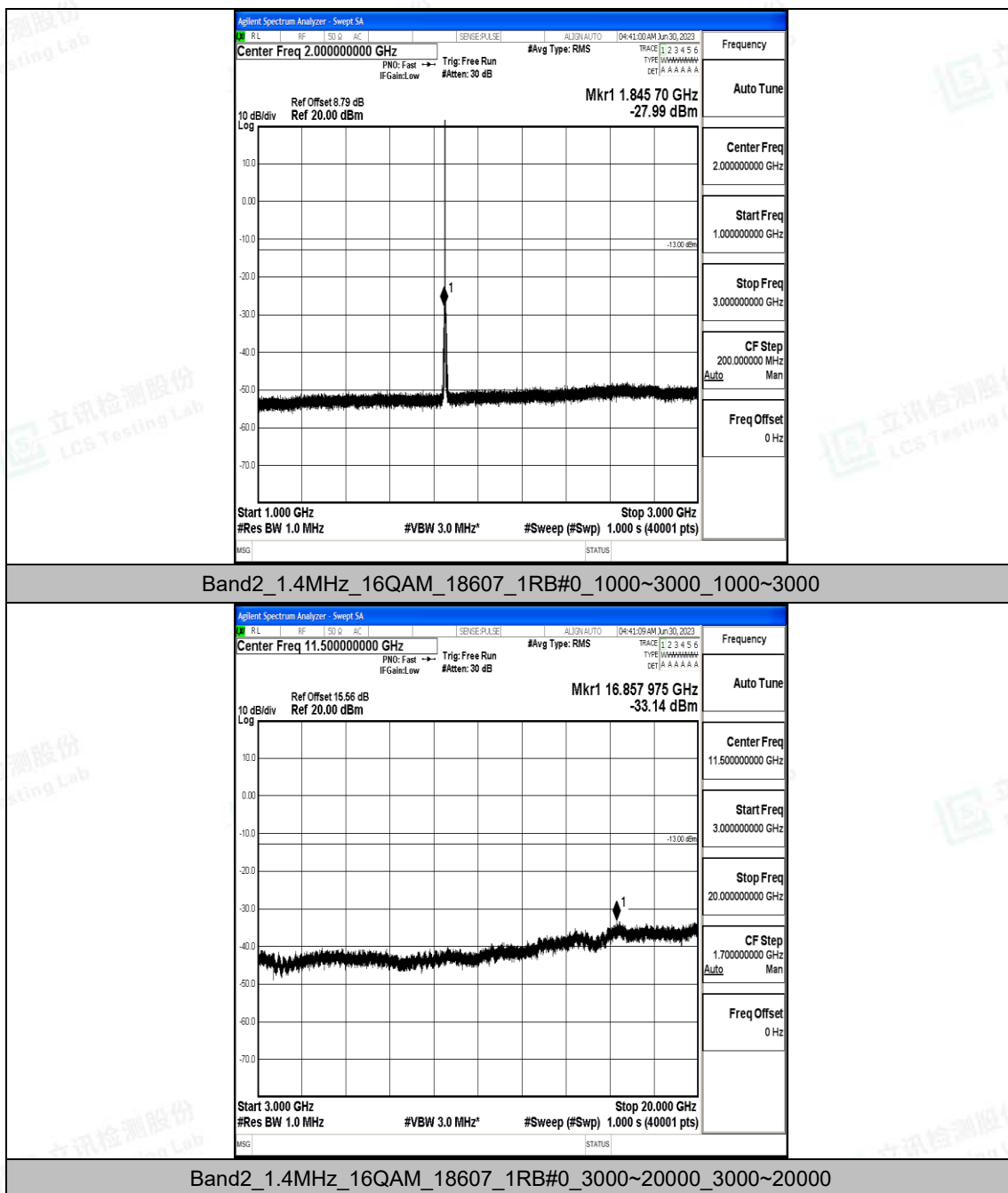
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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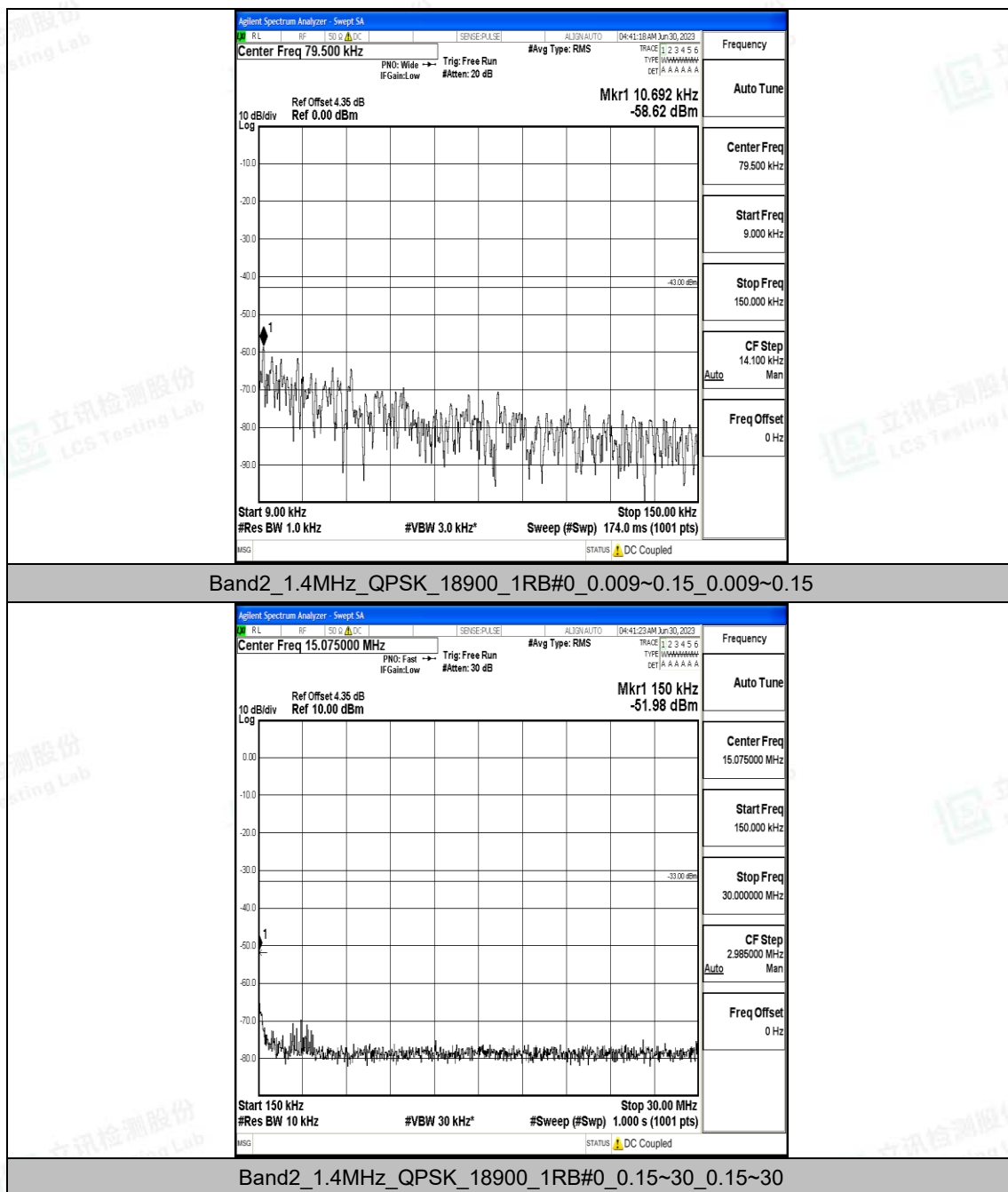


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