



Appendix D: Test Data for E-UTRA Band 2

Product Name: Smartphone

Test Model: HY65PB1401NA

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Taylor Hu
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	22.56	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.42	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	22.50	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.43	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.55	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.43	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	22.61	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	21.33	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	22.67	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	21.31	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	22.51	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	21.40	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	21.52	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	20.93	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.36	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.51	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.34	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	21.51	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.34	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	21.43	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.36	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	21.52	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.46	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	21.50	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.36	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	21.47	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.39	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.63	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	21.99	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.57	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	21.94	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.53	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	21.98	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.57	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	21.93	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	20.75	PASS



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Band2	1.4MHz	QPSK	19193	3RB#1	21.95	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	20.74	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	21.95	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	20.71	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.03	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.09	PASS
Band2	3MHz	QPSK	18615	1RB#0	22.50	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.57	PASS
Band2	3MHz	QPSK	18615	1RB#8	22.50	PASS
Band2	3MHz	16QAM	18615	1RB#8	21.61	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.42	PASS
Band2	3MHz	16QAM	18615	1RB#14	21.50	PASS
Band2	3MHz	QPSK	18615	8RB#0	21.57	PASS
Band2	3MHz	16QAM	18615	8RB#0	20.83	PASS
Band2	3MHz	QPSK	18615	8RB#4	21.57	PASS
Band2	3MHz	16QAM	18615	8RB#4	20.89	PASS
Band2	3MHz	QPSK	18615	8RB#7	21.52	PASS
Band2	3MHz	16QAM	18615	8RB#7	20.81	PASS
Band2	3MHz	QPSK	18615	15RB#0	21.47	PASS
Band2	3MHz	16QAM	18615	15RB#0	20.68	PASS
Band2	3MHz	QPSK	18900	1RB#0	22.26	PASS
Band2	3MHz	16QAM	18900	1RB#0	21.21	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.38	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.17	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.28	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.18	PASS
Band2	3MHz	QPSK	18900	8RB#0	21.35	PASS
Band2	3MHz	16QAM	18900	8RB#0	20.60	PASS
Band2	3MHz	QPSK	18900	8RB#4	21.35	PASS
Band2	3MHz	16QAM	18900	8RB#4	20.61	PASS
Band2	3MHz	QPSK	18900	8RB#7	21.42	PASS
Band2	3MHz	16QAM	18900	8RB#7	20.66	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.40	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.60	PASS
Band2	3MHz	QPSK	19185	1RB#0	21.80	PASS
Band2	3MHz	16QAM	19185	1RB#0	20.92	PASS
Band2	3MHz	QPSK	19185	1RB#8	21.78	PASS
Band2	3MHz	16QAM	19185	1RB#8	20.87	PASS
Band2	3MHz	QPSK	19185	1RB#14	21.85	PASS
Band2	3MHz	16QAM	19185	1RB#14	20.87	PASS



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Band2	3MHz	QPSK	19185	8RB#0	20.98	PASS
Band2	3MHz	16QAM	19185	8RB#0	20.26	PASS
Band2	3MHz	QPSK	19185	8RB#4	20.99	PASS
Band2	3MHz	16QAM	19185	8RB#4	20.26	PASS
Band2	3MHz	QPSK	19185	8RB#7	20.90	PASS
Band2	3MHz	16QAM	19185	8RB#7	20.22	PASS
Band2	3MHz	QPSK	19185	15RB#0	20.97	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.01	PASS
Band2	5MHz	QPSK	18625	1RB#0	22.45	PASS
Band2	5MHz	16QAM	18625	1RB#0	20.98	PASS
Band2	5MHz	QPSK	18625	1RB#12	22.50	PASS
Band2	5MHz	16QAM	18625	1RB#12	20.91	PASS
Band2	5MHz	QPSK	18625	1RB#24	22.48	PASS
Band2	5MHz	16QAM	18625	1RB#24	20.93	PASS
Band2	5MHz	QPSK	18625	12RB#0	21.50	PASS
Band2	5MHz	16QAM	18625	12RB#0	20.66	PASS
Band2	5MHz	QPSK	18625	12RB#6	21.49	PASS
Band2	5MHz	16QAM	18625	12RB#6	20.65	PASS
Band2	5MHz	QPSK	18625	12RB#13	21.51	PASS
Band2	5MHz	16QAM	18625	12RB#13	20.57	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.40	PASS
Band2	5MHz	16QAM	18625	25RB#0	20.64	PASS
Band2	5MHz	QPSK	18900	1RB#0	-12.23	PASS
Band2	5MHz	16QAM	18900	1RB#0	20.85	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.35	PASS
Band2	5MHz	16QAM	18900	1RB#12	20.82	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.35	PASS
Band2	5MHz	16QAM	18900	1RB#24	20.82	PASS
Band2	5MHz	QPSK	18900	12RB#0	21.37	PASS
Band2	5MHz	16QAM	18900	12RB#0	20.56	PASS
Band2	5MHz	QPSK	18900	12RB#6	21.38	PASS
Band2	5MHz	16QAM	18900	12RB#6	20.55	PASS
Band2	5MHz	QPSK	18900	12RB#13	21.38	PASS
Band2	5MHz	16QAM	18900	12RB#13	20.47	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.44	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.65	PASS
Band2	5MHz	QPSK	19175	1RB#0	21.88	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.30	PASS
Band2	5MHz	QPSK	19175	1RB#12	21.83	PASS
Band2	5MHz	16QAM	19175	1RB#12	21.25	PASS



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Band2	5MHz	QPSK	19175	1RB#24	21.86	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.26	PASS
Band2	5MHz	QPSK	19175	12RB#0	20.99	PASS
Band2	5MHz	16QAM	19175	12RB#0	20.17	PASS
Band2	5MHz	QPSK	19175	12RB#6	20.89	PASS
Band2	5MHz	16QAM	19175	12RB#6	20.14	PASS
Band2	5MHz	QPSK	19175	12RB#13	20.93	PASS
Band2	5MHz	16QAM	19175	12RB#13	20.13	PASS
Band2	5MHz	QPSK	19175	25RB#0	20.95	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.12	PASS
Band2	10MHz	QPSK	18650	1RB#0	22.50	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.60	PASS
Band2	10MHz	QPSK	18650	1RB#24	22.40	PASS
Band2	10MHz	16QAM	18650	1RB#24	21.56	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.43	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.56	PASS
Band2	10MHz	QPSK	18650	25RB#0	21.42	PASS
Band2	10MHz	16QAM	18650	25RB#0	20.60	PASS
Band2	10MHz	QPSK	18650	25RB#12	21.52	PASS
Band2	10MHz	16QAM	18650	25RB#12	20.59	PASS
Band2	10MHz	QPSK	18650	25RB#25	21.49	PASS
Band2	10MHz	16QAM	18650	25RB#25	20.63	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.55	PASS
Band2	10MHz	16QAM	18650	50RB#0	20.71	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.34	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.24	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.30	PASS
Band2	10MHz	16QAM	18900	1RB#24	21.30	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.28	PASS
Band2	10MHz	16QAM	18900	1RB#49	21.26	PASS
Band2	10MHz	QPSK	18900	25RB#0	21.48	PASS
Band2	10MHz	16QAM	18900	25RB#0	20.45	PASS
Band2	10MHz	QPSK	18900	25RB#12	21.48	PASS
Band2	10MHz	16QAM	18900	25RB#12	20.45	PASS
Band2	10MHz	QPSK	18900	25RB#25	21.46	PASS
Band2	10MHz	16QAM	18900	25RB#25	20.50	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.33	PASS
Band2	10MHz	16QAM	18900	50RB#0	20.63	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	21.05	PASS



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Band2	10MHz	QPSK	19150	1RB#24	21.95	PASS
Band2	10MHz	16QAM	19150	1RB#24	21.03	PASS
Band2	10MHz	QPSK	19150	1RB#49	21.87	PASS
Band2	10MHz	16QAM	19150	1RB#49	20.96	PASS
Band2	10MHz	QPSK	19150	25RB#0	21.03	PASS
Band2	10MHz	16QAM	19150	25RB#0	20.28	PASS
Band2	10MHz	QPSK	19150	25RB#12	21.08	PASS
Band2	10MHz	16QAM	19150	25RB#12	20.30	PASS
Band2	10MHz	QPSK	19150	25RB#25	20.99	PASS
Band2	10MHz	16QAM	19150	25RB#25	20.19	PASS
Band2	10MHz	QPSK	19150	50RB#0	20.93	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.21	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.51	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.68	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.45	PASS
Band2	15MHz	16QAM	18675	1RB#38	21.61	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.45	PASS
Band2	15MHz	16QAM	18675	1RB#74	21.58	PASS
Band2	15MHz	QPSK	18675	38RB#0	21.60	PASS
Band2	15MHz	16QAM	18675	38RB#0	21.59	PASS
Band2	15MHz	QPSK	18675	38RB#18	21.59	PASS
Band2	15MHz	16QAM	18675	38RB#18	21.60	PASS
Band2	15MHz	QPSK	18675	38RB#37	21.59	PASS
Band2	15MHz	16QAM	18675	38RB#37	21.60	PASS
Band2	15MHz	QPSK	18675	75RB#0	21.59	PASS
Band2	15MHz	16QAM	18675	75RB#0	20.58	PASS
Band2	15MHz	QPSK	18900	1RB#0	17.93	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.43	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.28	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.29	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.33	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.35	PASS
Band2	15MHz	QPSK	18900	38RB#0	21.47	PASS
Band2	15MHz	16QAM	18900	38RB#0	21.45	PASS
Band2	15MHz	QPSK	18900	38RB#18	21.44	PASS
Band2	15MHz	16QAM	18900	38RB#18	21.45	PASS
Band2	15MHz	QPSK	18900	38RB#37	21.45	PASS
Band2	15MHz	16QAM	18900	38RB#37	21.45	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.45	PASS
Band2	15MHz	16QAM	18900	75RB#0	20.50	PASS



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Band2	15MHz	QPSK	19125	1RB#0	-12.14	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.41	PASS
Band2	15MHz	QPSK	19125	1RB#38	21.90	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.18	PASS
Band2	15MHz	QPSK	19125	1RB#74	21.75	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.08	PASS
Band2	15MHz	QPSK	19125	38RB#0	21.16	PASS
Band2	15MHz	16QAM	19125	38RB#0	21.18	PASS
Band2	15MHz	QPSK	19125	38RB#18	21.18	PASS
Band2	15MHz	16QAM	19125	38RB#18	21.19	PASS
Band2	15MHz	QPSK	19125	38RB#37	21.18	PASS
Band2	15MHz	16QAM	19125	38RB#37	21.18	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.19	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.21	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.75	PASS
Band2	20MHz	16QAM	18700	1RB#0	21.70	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.70	PASS
Band2	20MHz	16QAM	18700	1RB#49	21.67	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.64	PASS
Band2	20MHz	16QAM	18700	1RB#99	21.60	PASS
Band2	20MHz	QPSK	18700	50RB#0	21.61	PASS
Band2	20MHz	16QAM	18700	50RB#0	20.82	PASS
Band2	20MHz	QPSK	18700	50RB#25	21.62	PASS
Band2	20MHz	16QAM	18700	50RB#25	20.82	PASS
Band2	20MHz	QPSK	18700	50RB#50	21.43	PASS
Band2	20MHz	16QAM	18700	50RB#50	20.72	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.54	PASS
Band2	20MHz	16QAM	18700	100RB#0	20.66	PASS
Band2	20MHz	QPSK	18900	1RB#0	-11.13	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.46	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.42	PASS
Band2	20MHz	16QAM	18900	1RB#49	21.33	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.41	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.31	PASS
Band2	20MHz	QPSK	18900	50RB#0	21.46	PASS
Band2	20MHz	16QAM	18900	50RB#0	20.59	PASS
Band2	20MHz	QPSK	18900	50RB#25	21.34	PASS
Band2	20MHz	16QAM	18900	50RB#25	20.60	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.37	PASS
Band2	20MHz	16QAM	18900	50RB#50	20.58	PASS



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Band2	20MHz	QPSK	18900	100RB#0	21.43	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.61	PASS
Band2	20MHz	QPSK	19100	1RB#0	20.36	PASS
Band2	20MHz	16QAM	19100	1RB#0	21.72	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.23	PASS
Band2	20MHz	16QAM	19100	1RB#49	21.58	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.05	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.36	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.23	PASS
Band2	20MHz	16QAM	19100	50RB#0	20.50	PASS
Band2	20MHz	QPSK	19100	50RB#25	21.31	PASS
Band2	20MHz	16QAM	19100	50RB#25	20.41	PASS
Band2	20MHz	QPSK	19100	50RB#50	21.10	PASS
Band2	20MHz	16QAM	19100	50RB#50	20.22	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.18	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.37	PASS



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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	5.37	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	6.00	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	7.35	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	6.41	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.39	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	6.09	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.20	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.28	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.02	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.24	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	4.93	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.54	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.33	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.95	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.02	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	6.22	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.60	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.35	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.39	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.06	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.22	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.85	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.52	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	5.95	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.25	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.76	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.25	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.34	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.06	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	4.98	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	5.77	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.64	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.53	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	7.06	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.27	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.21	13	PASS



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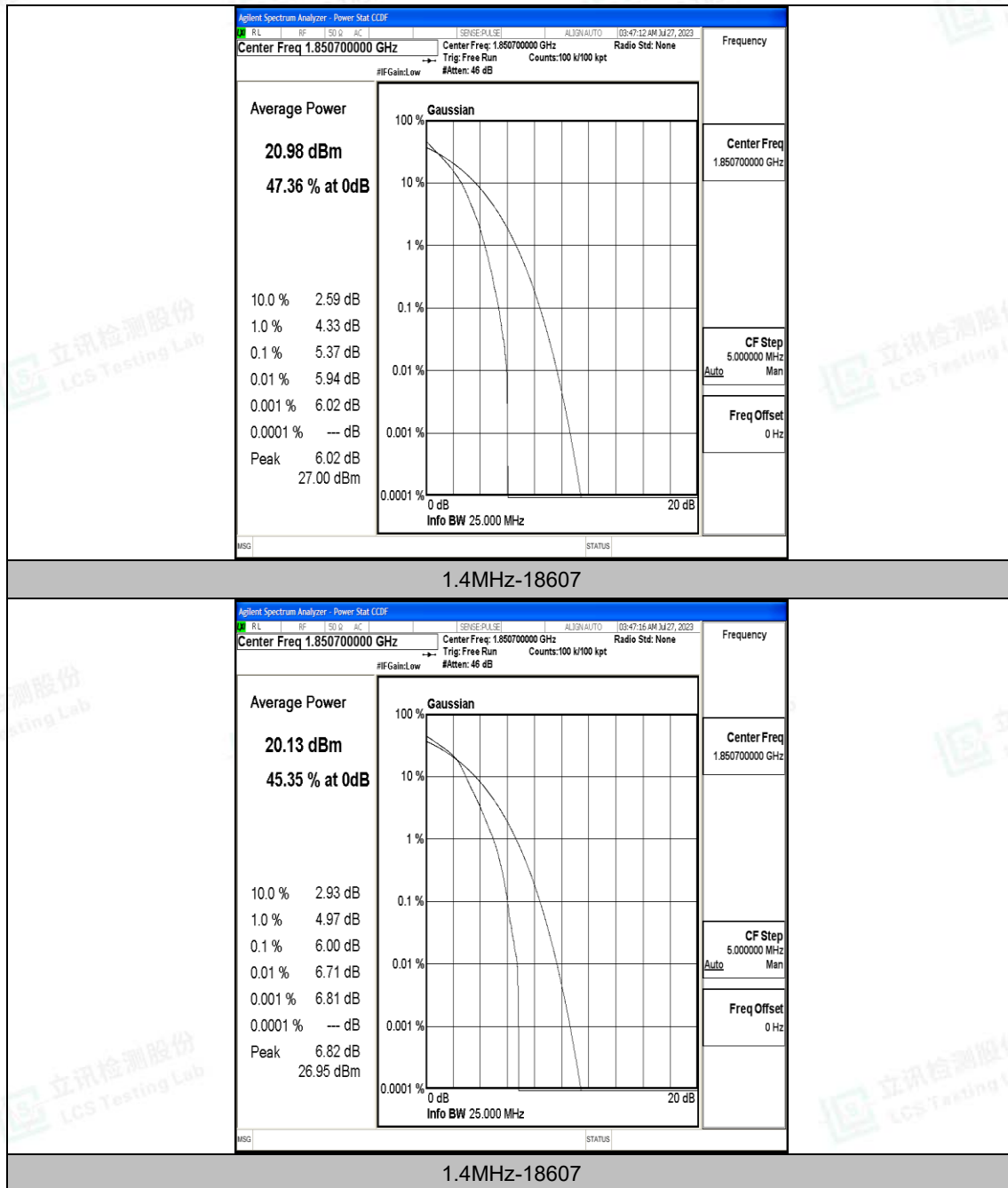
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Test Graphs

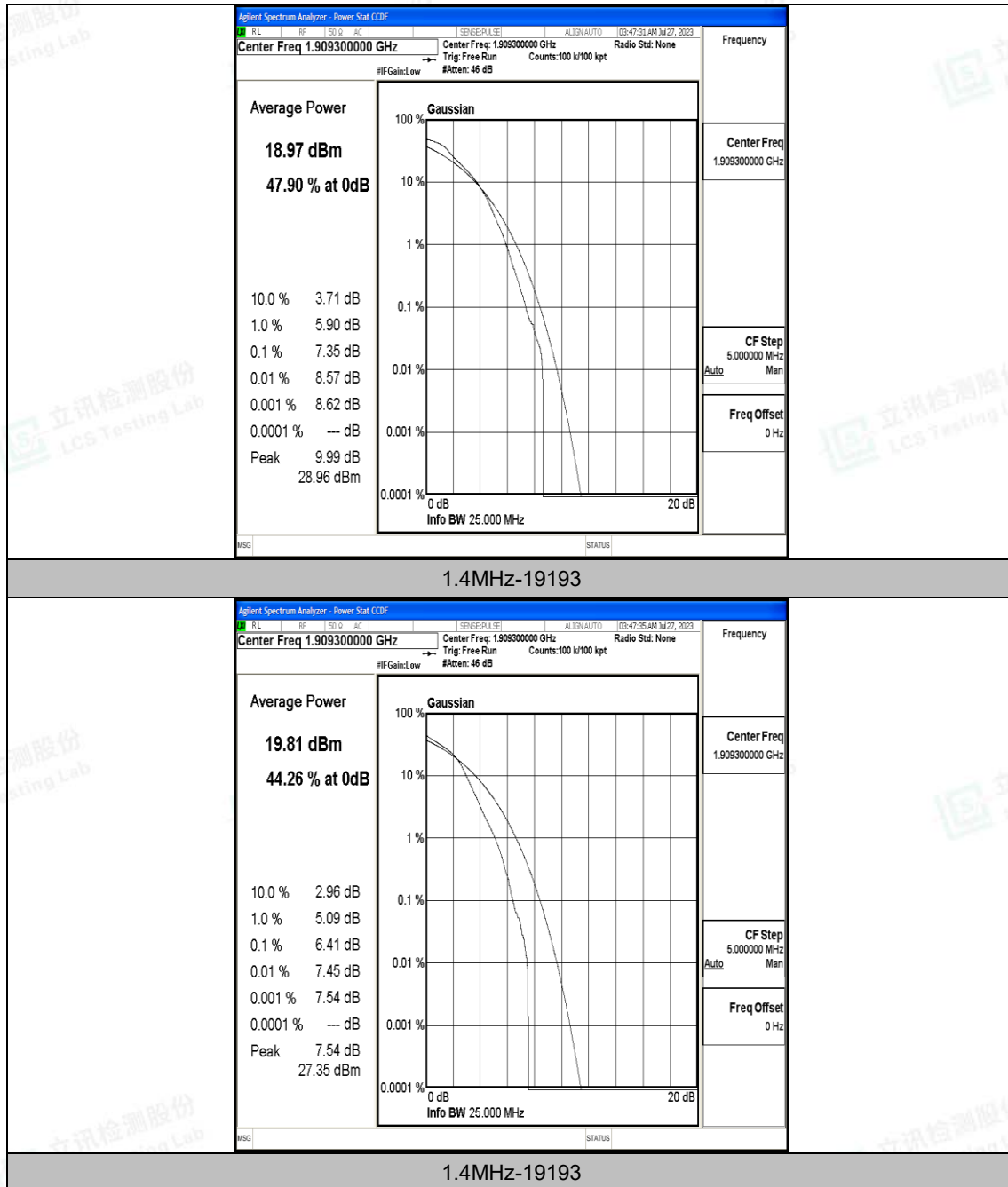


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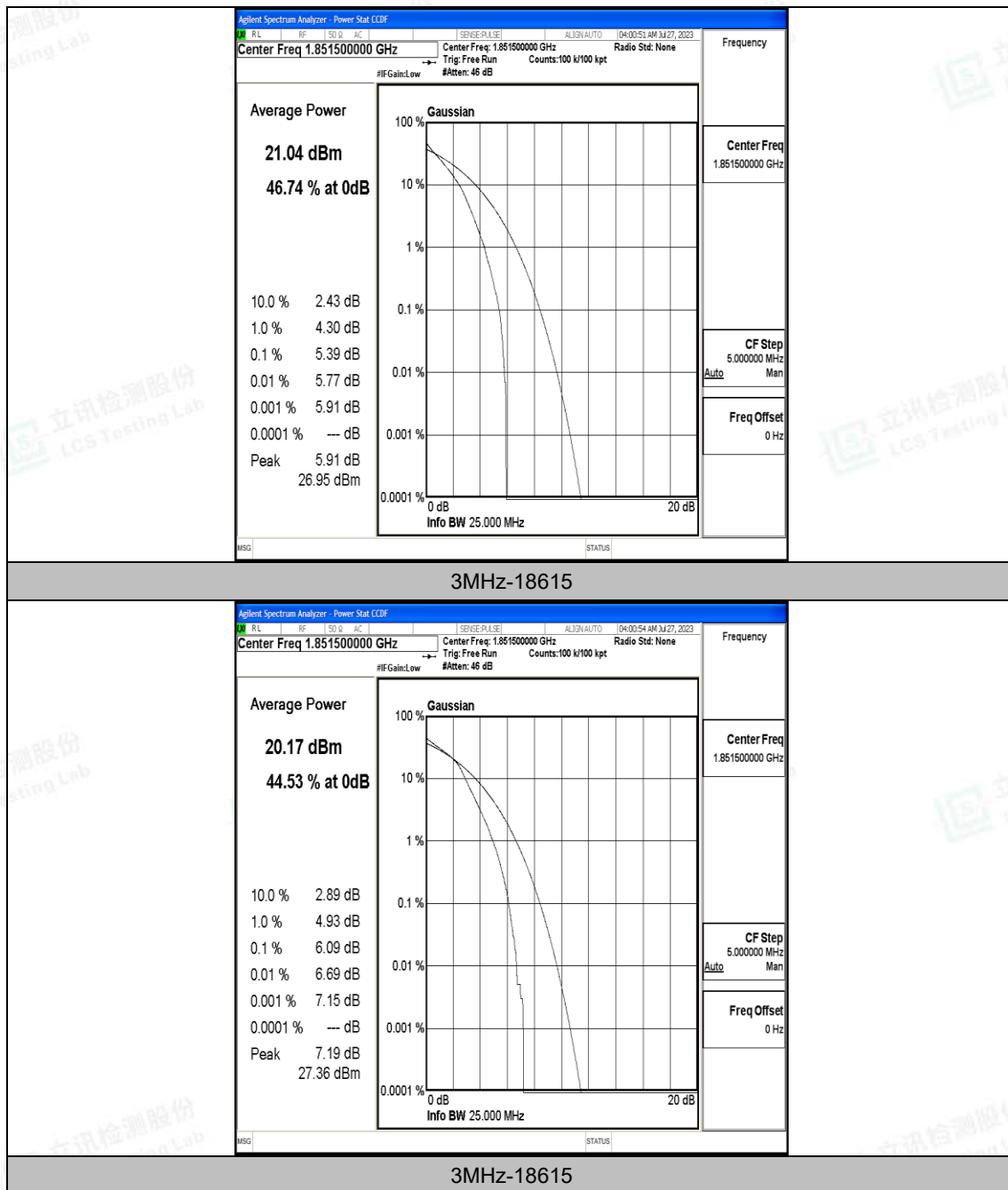


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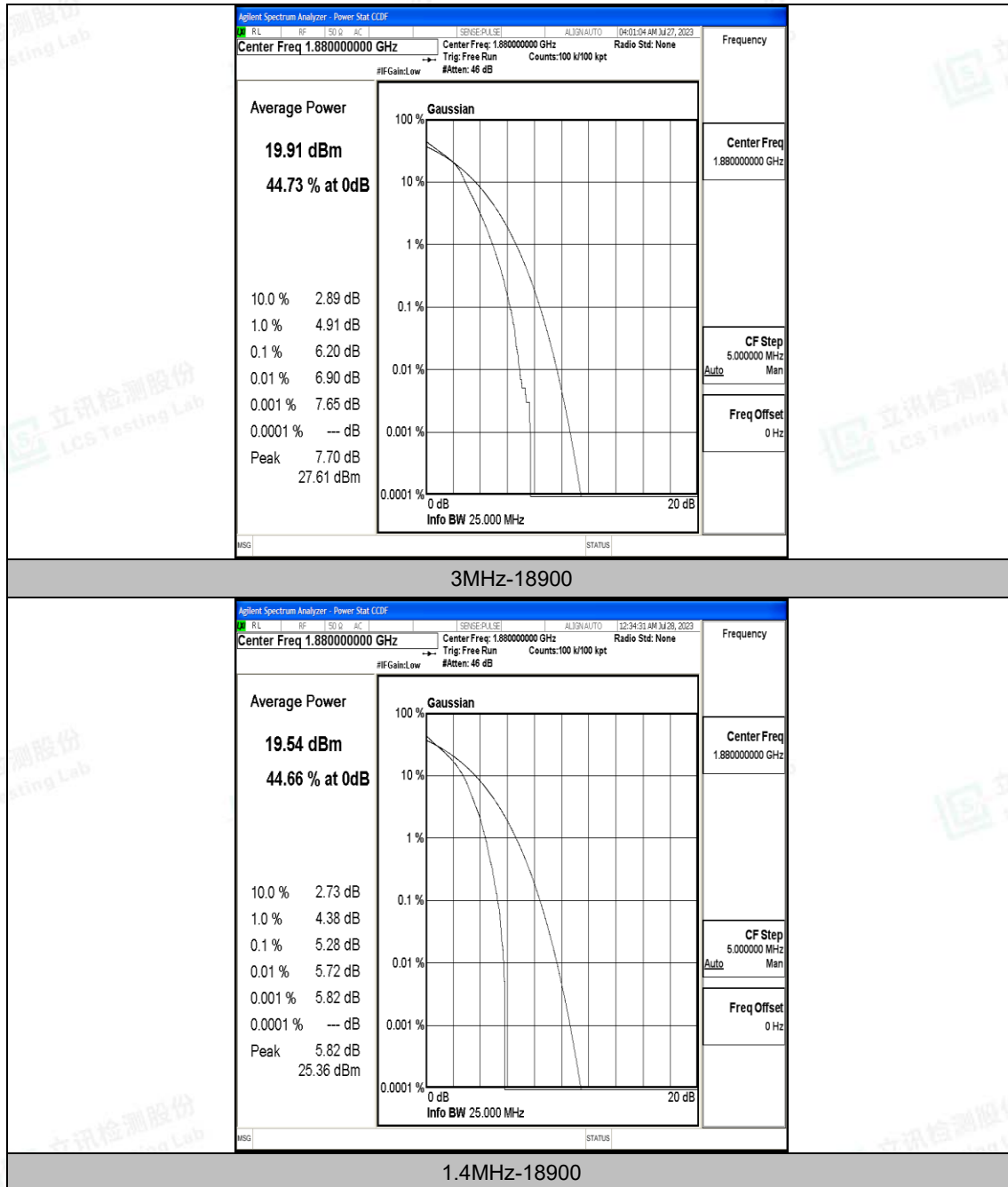


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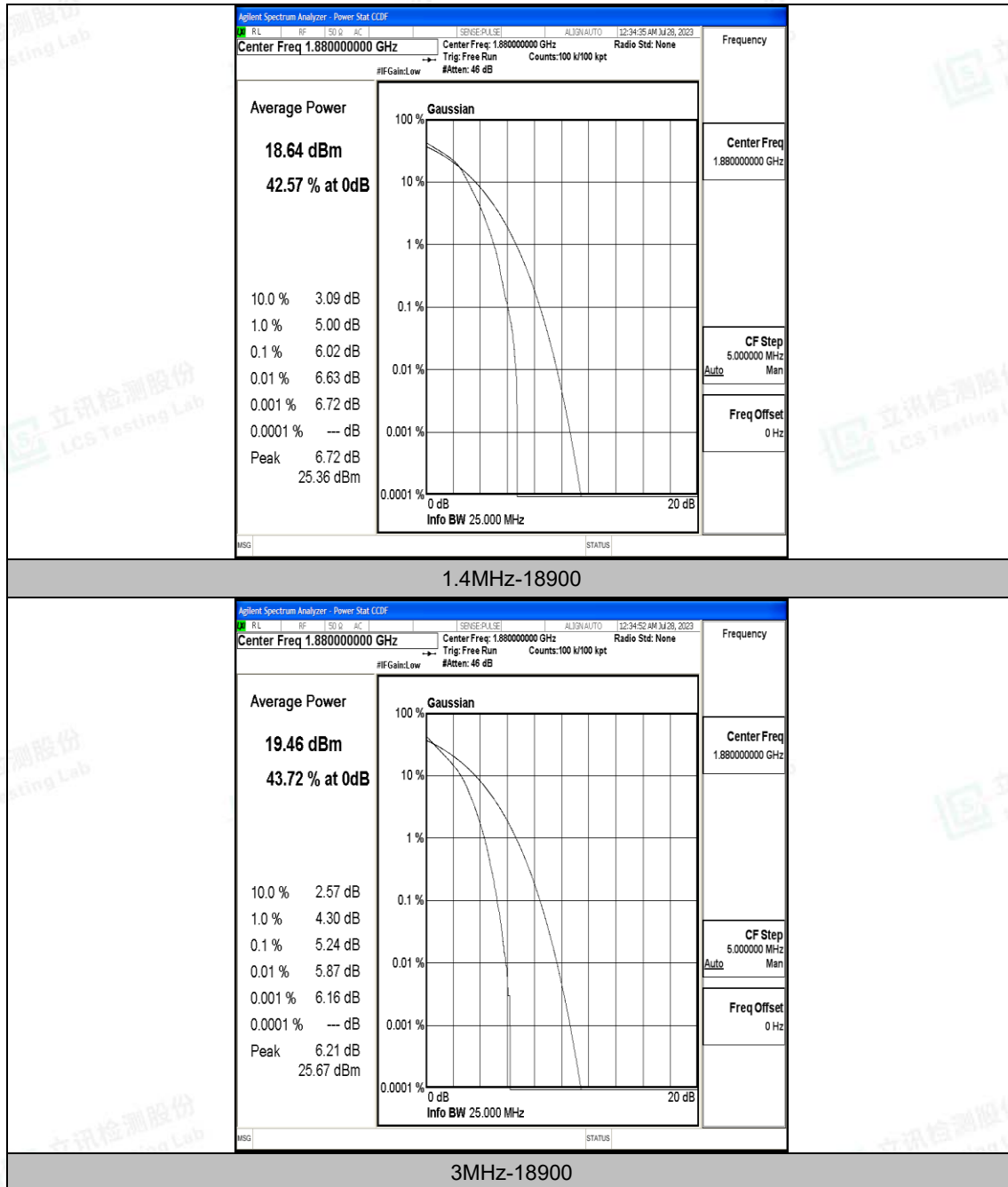


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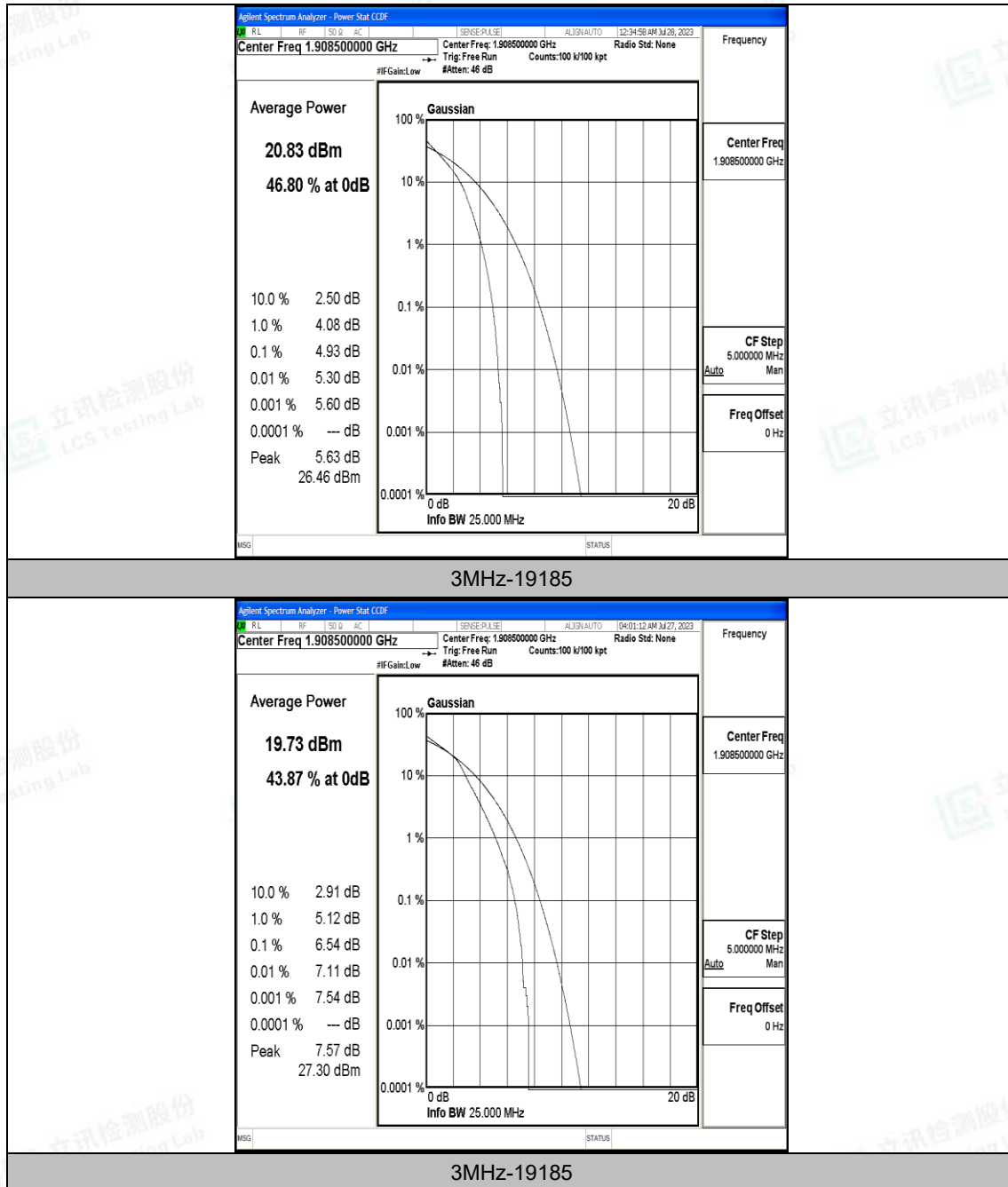


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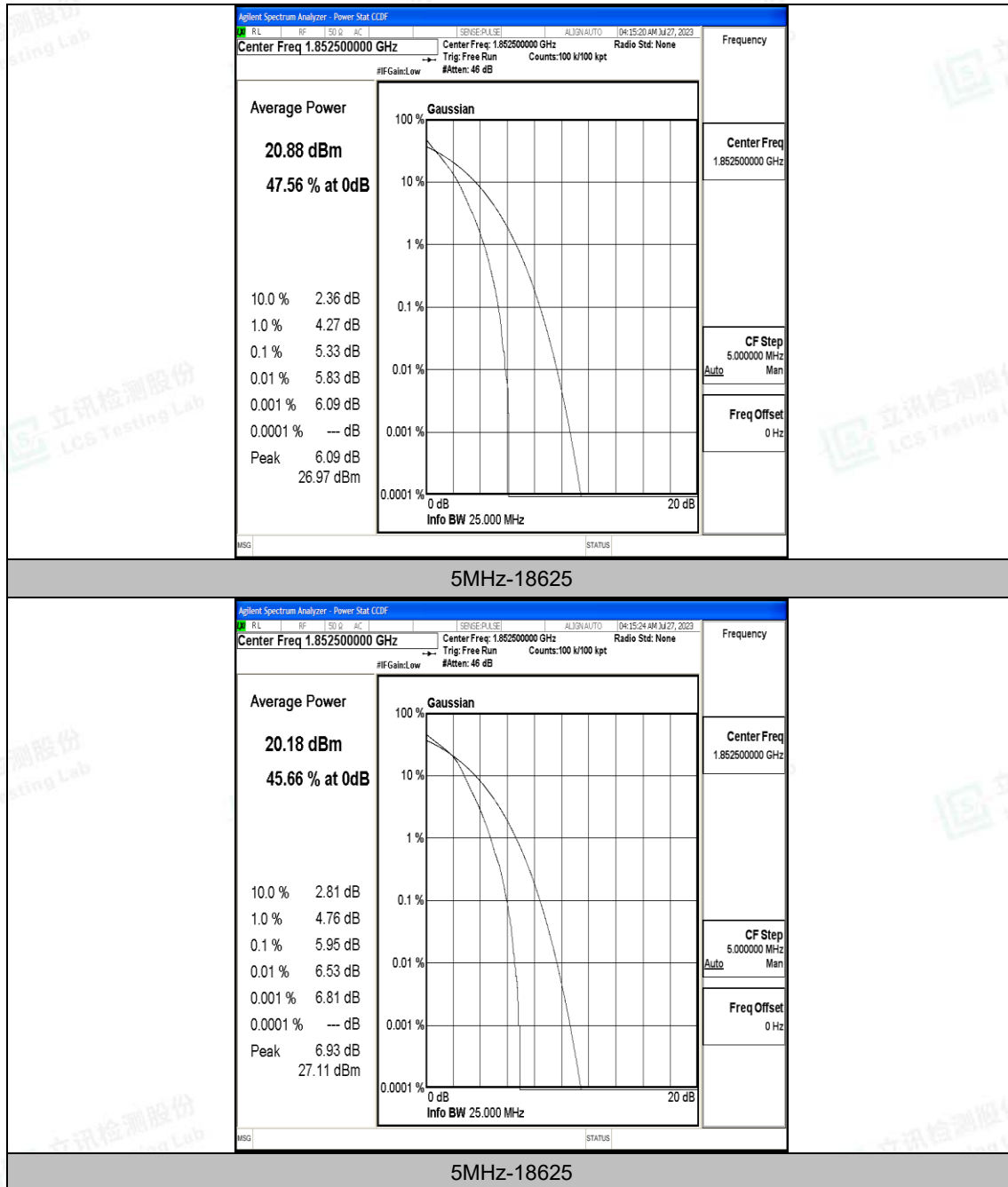


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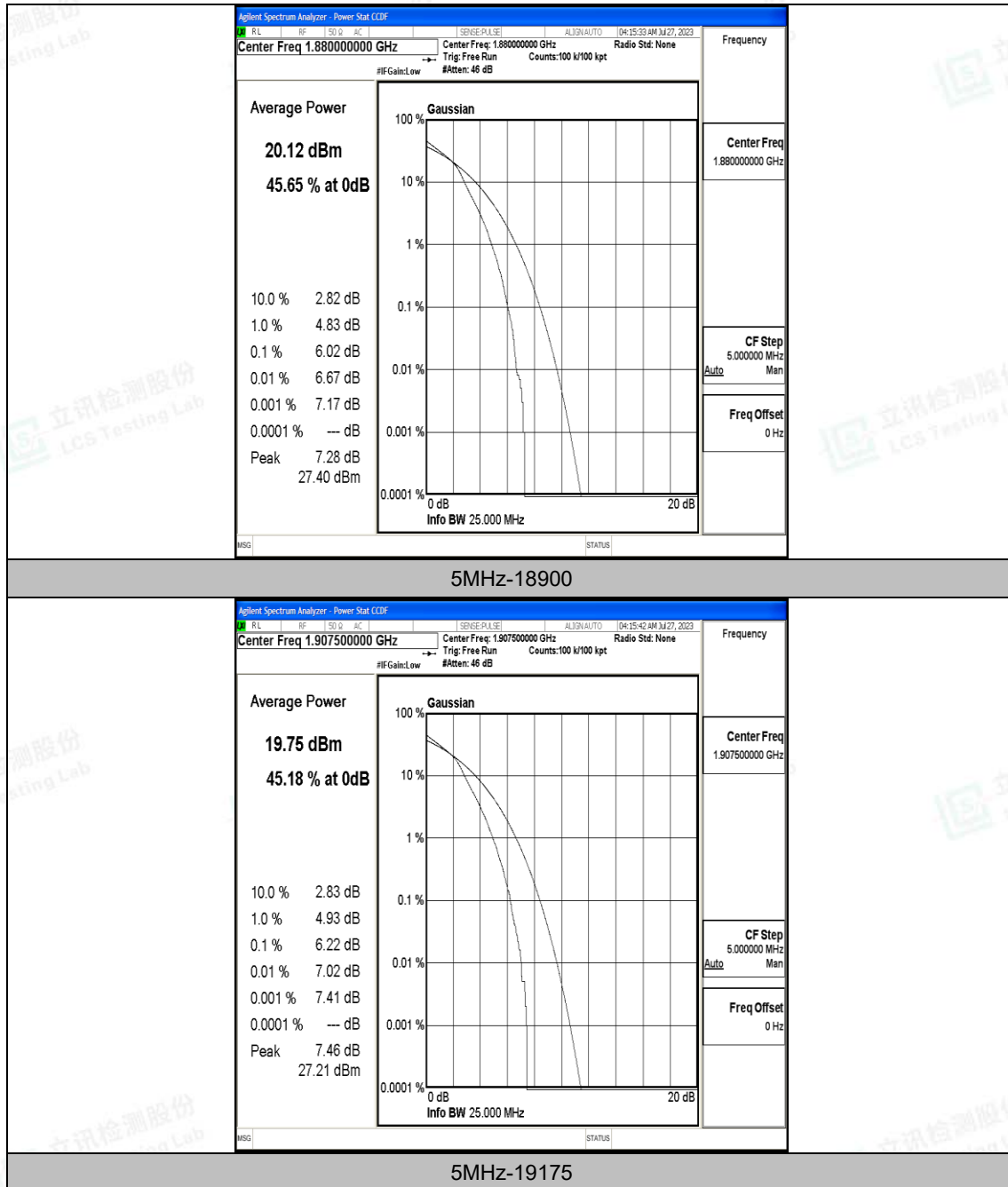


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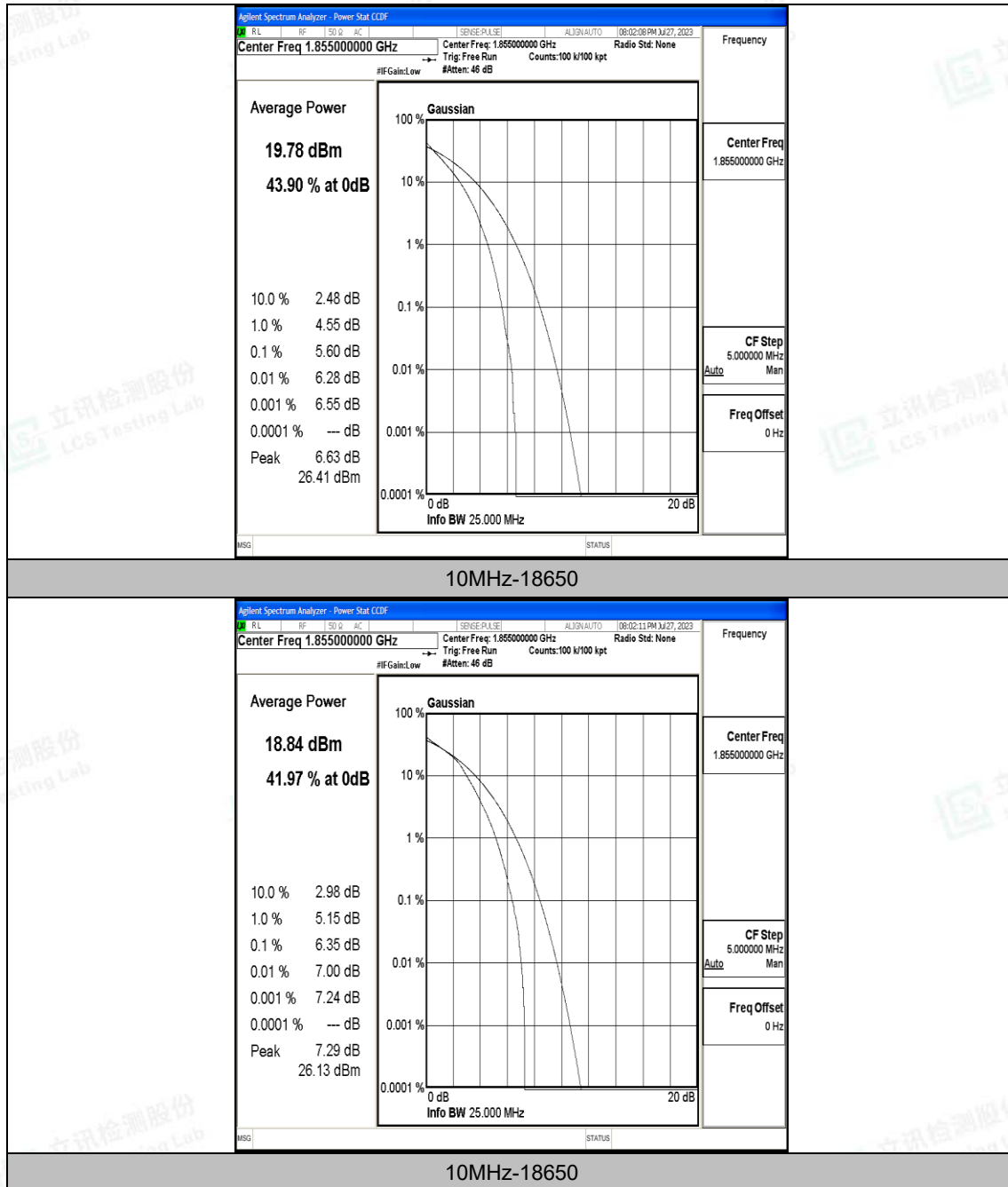


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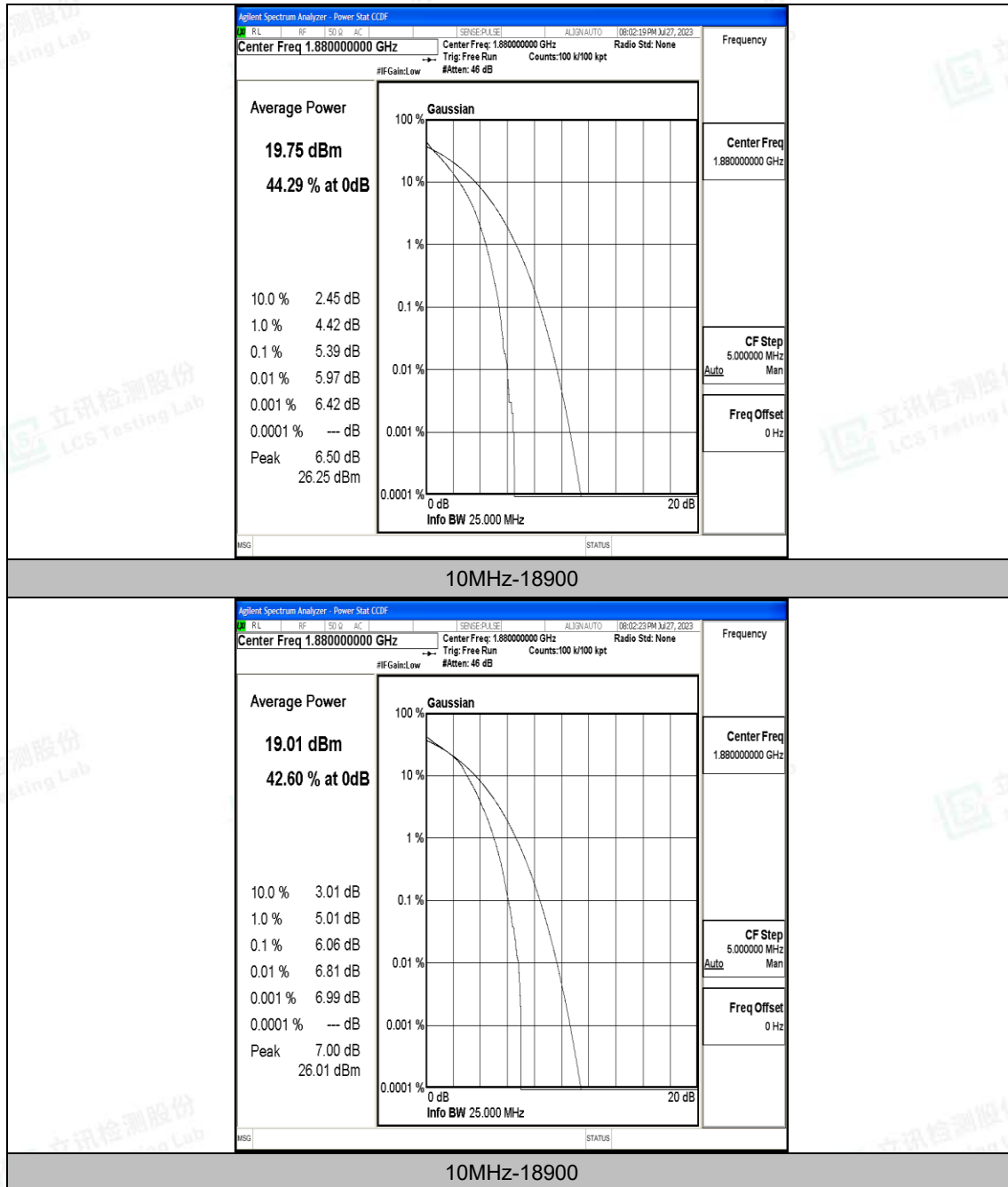


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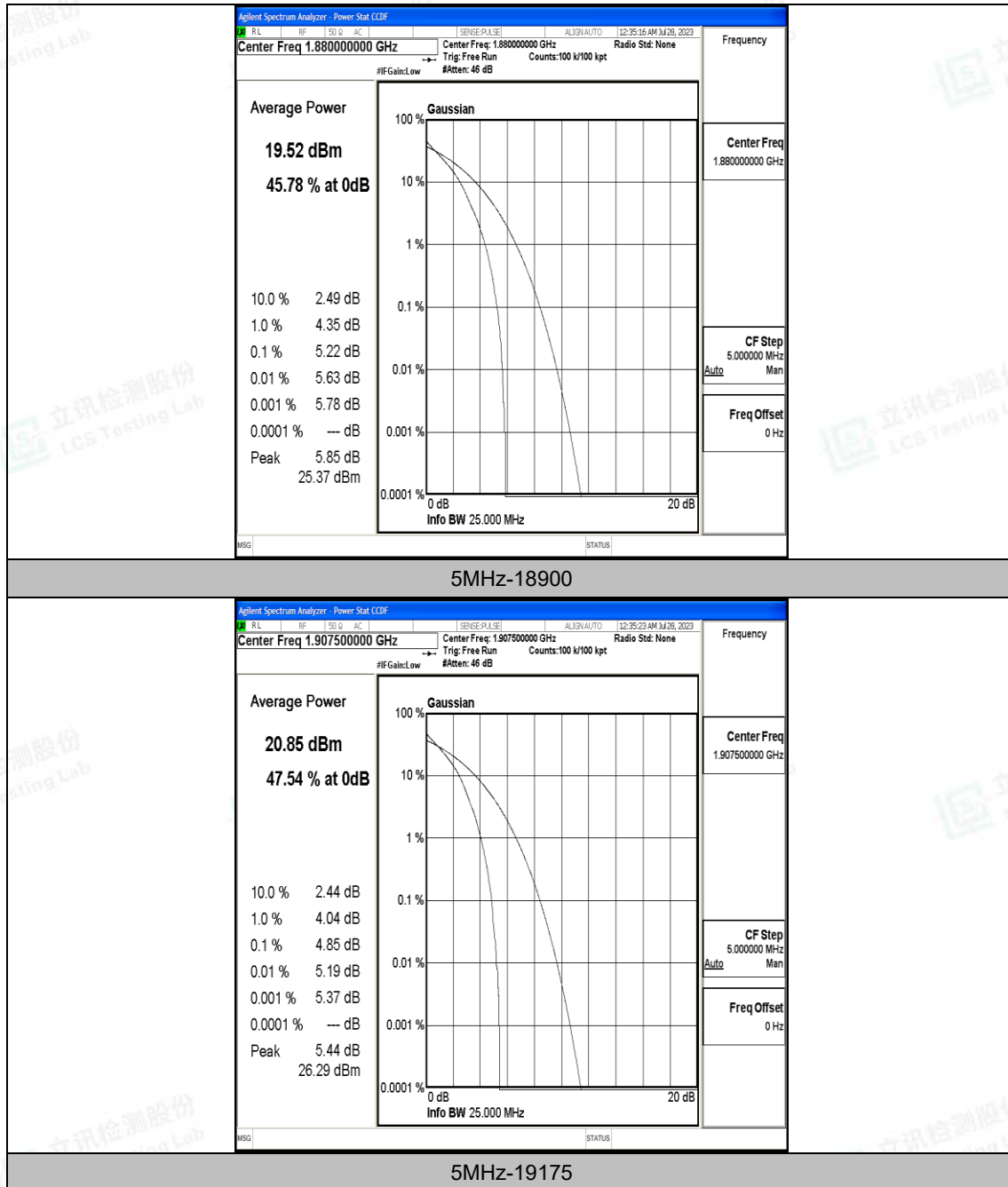


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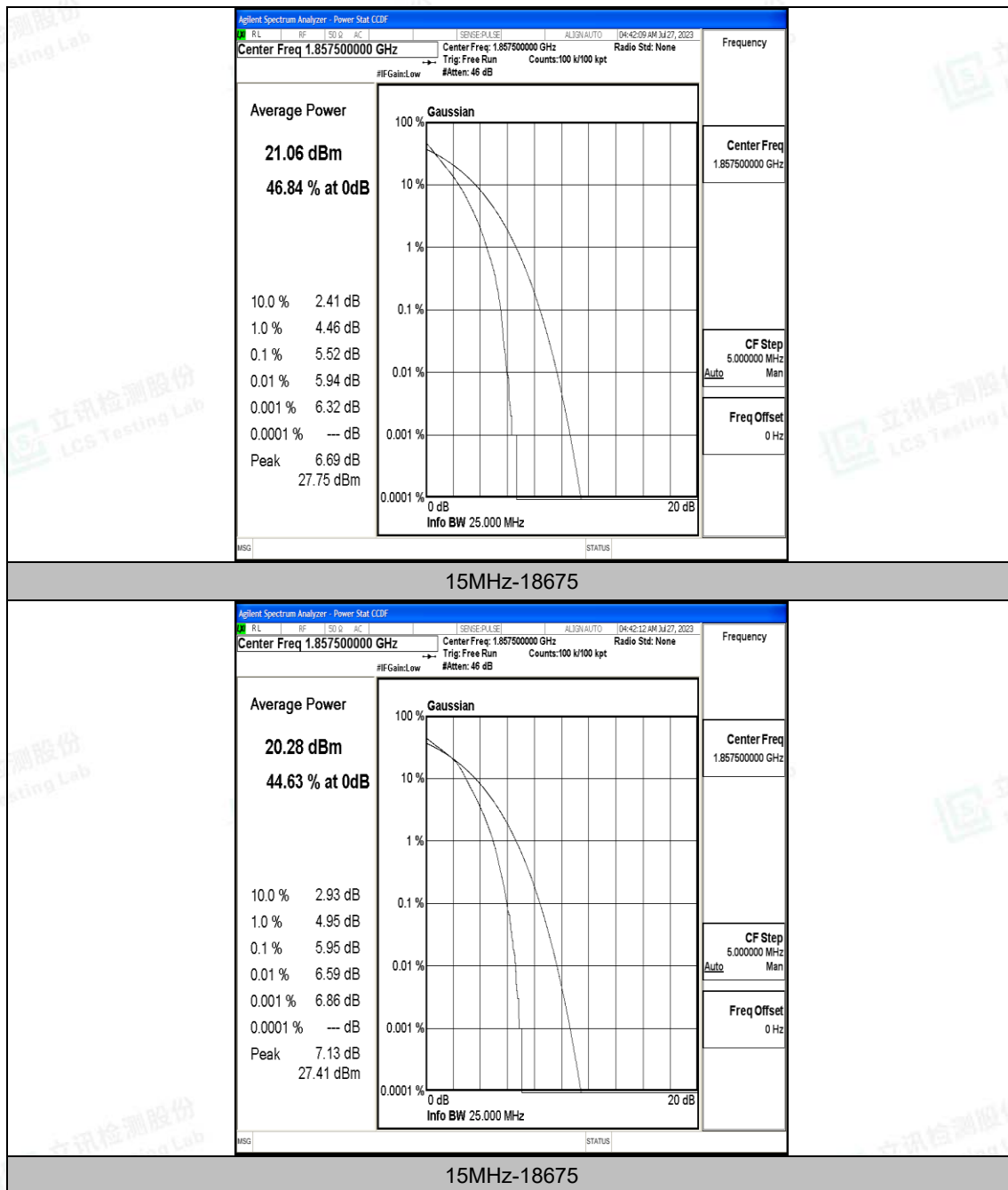


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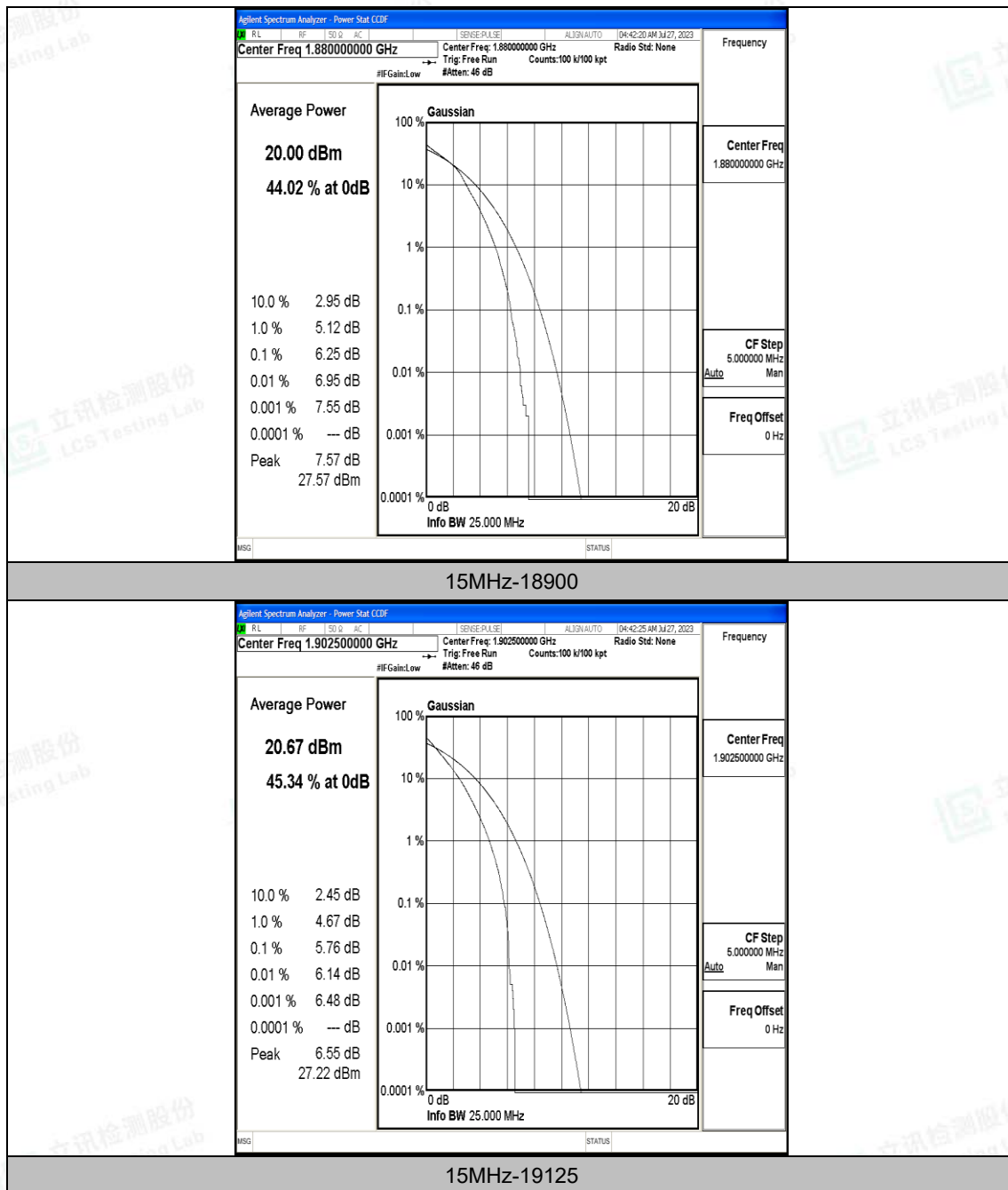


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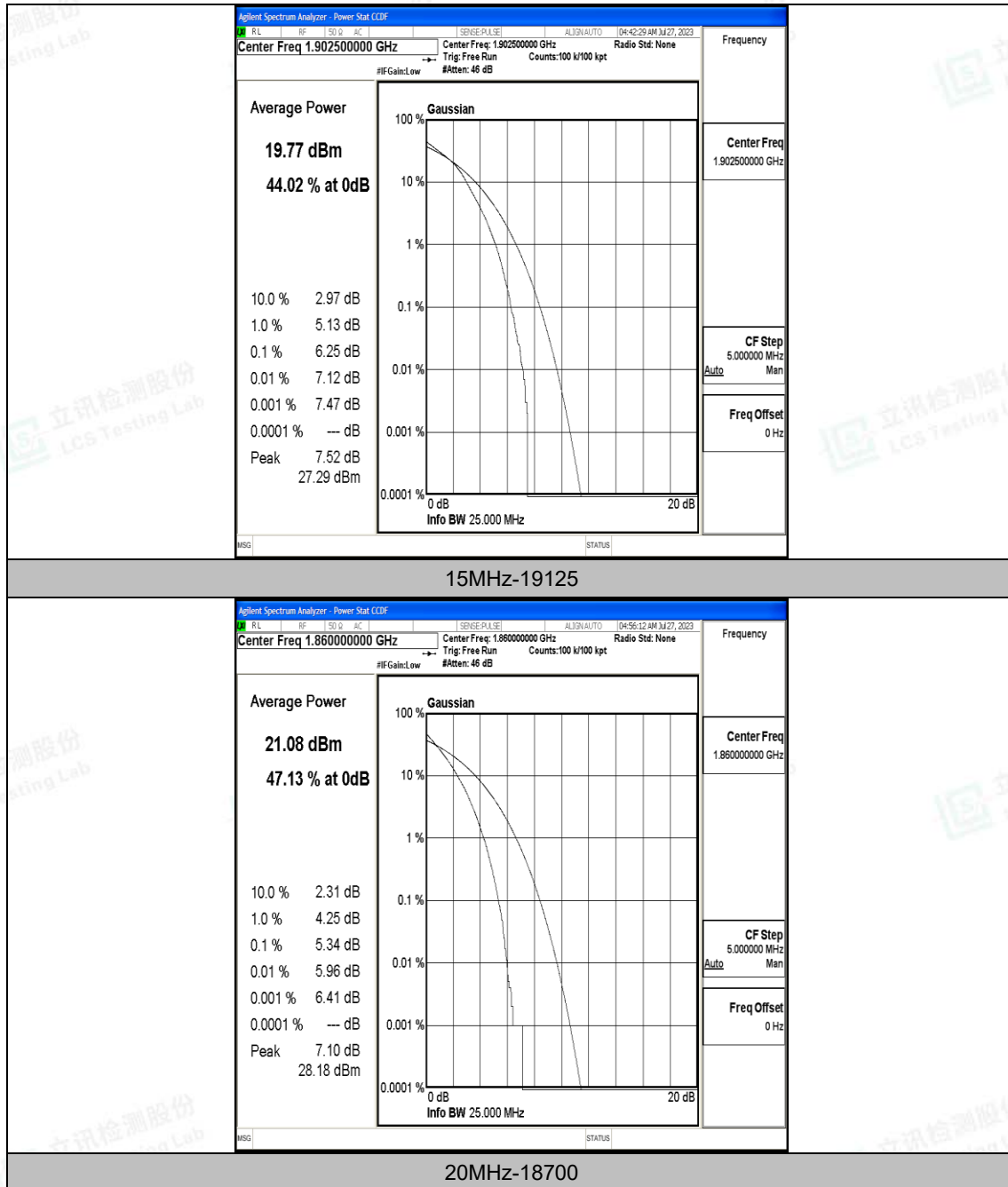


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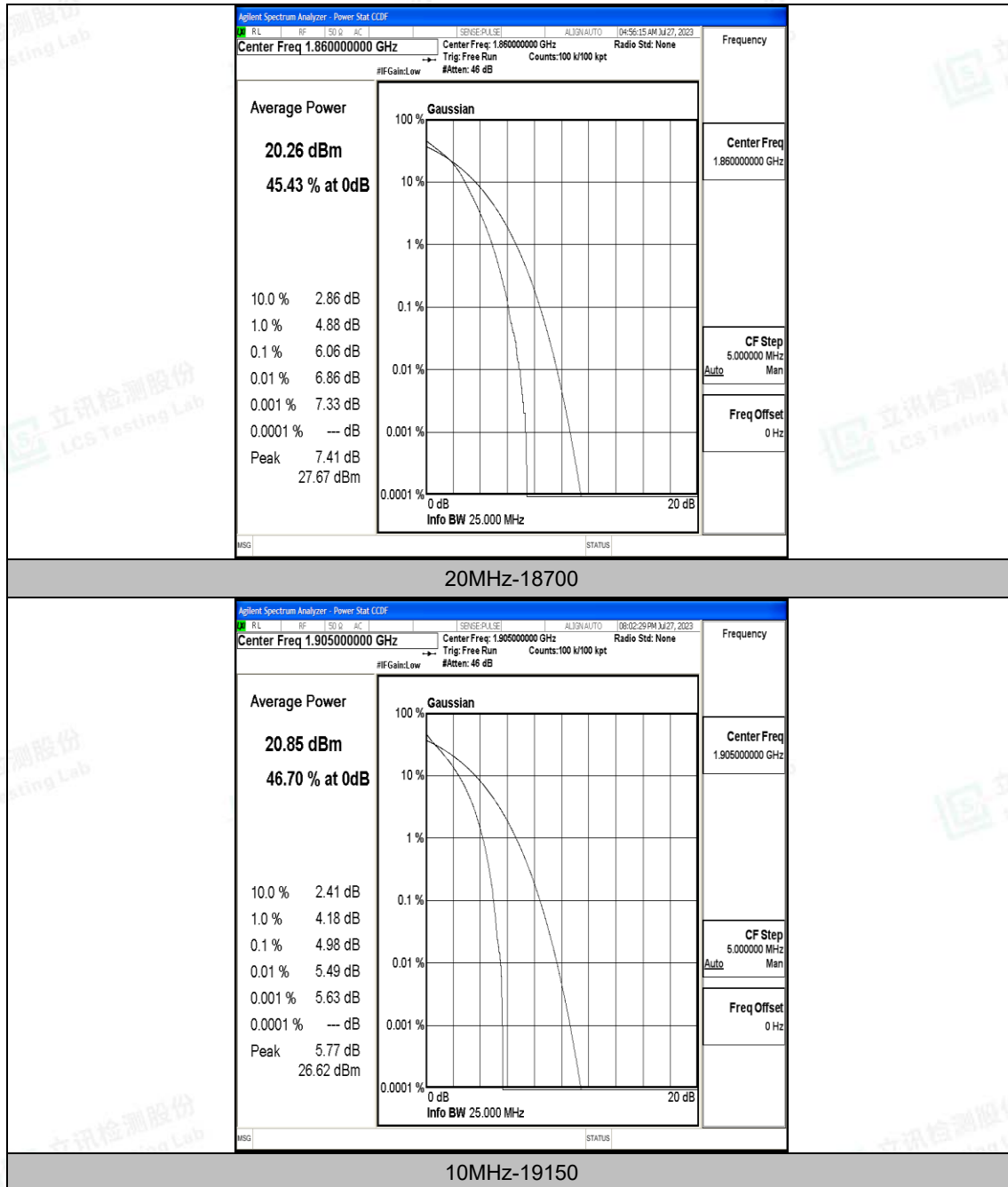


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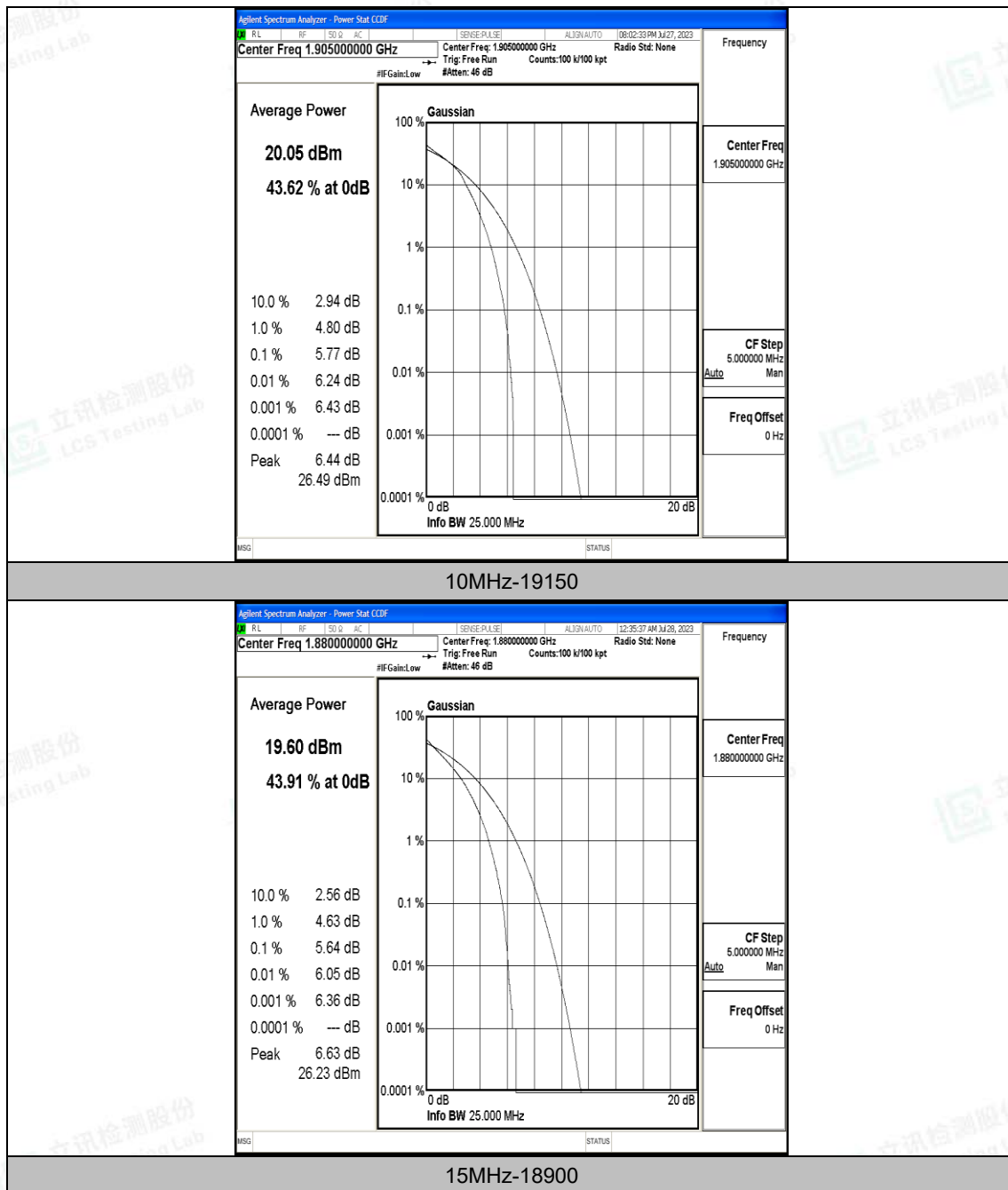


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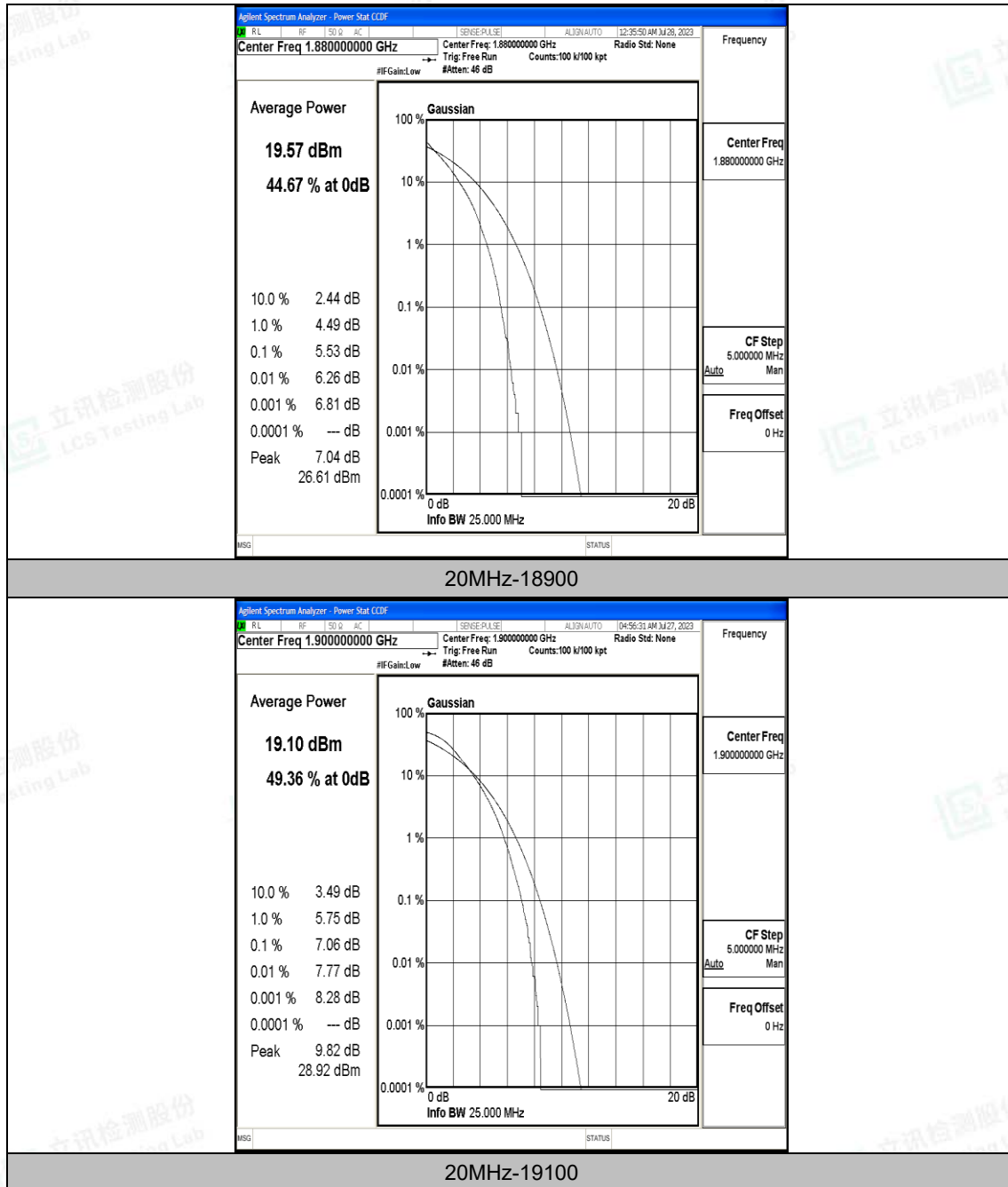


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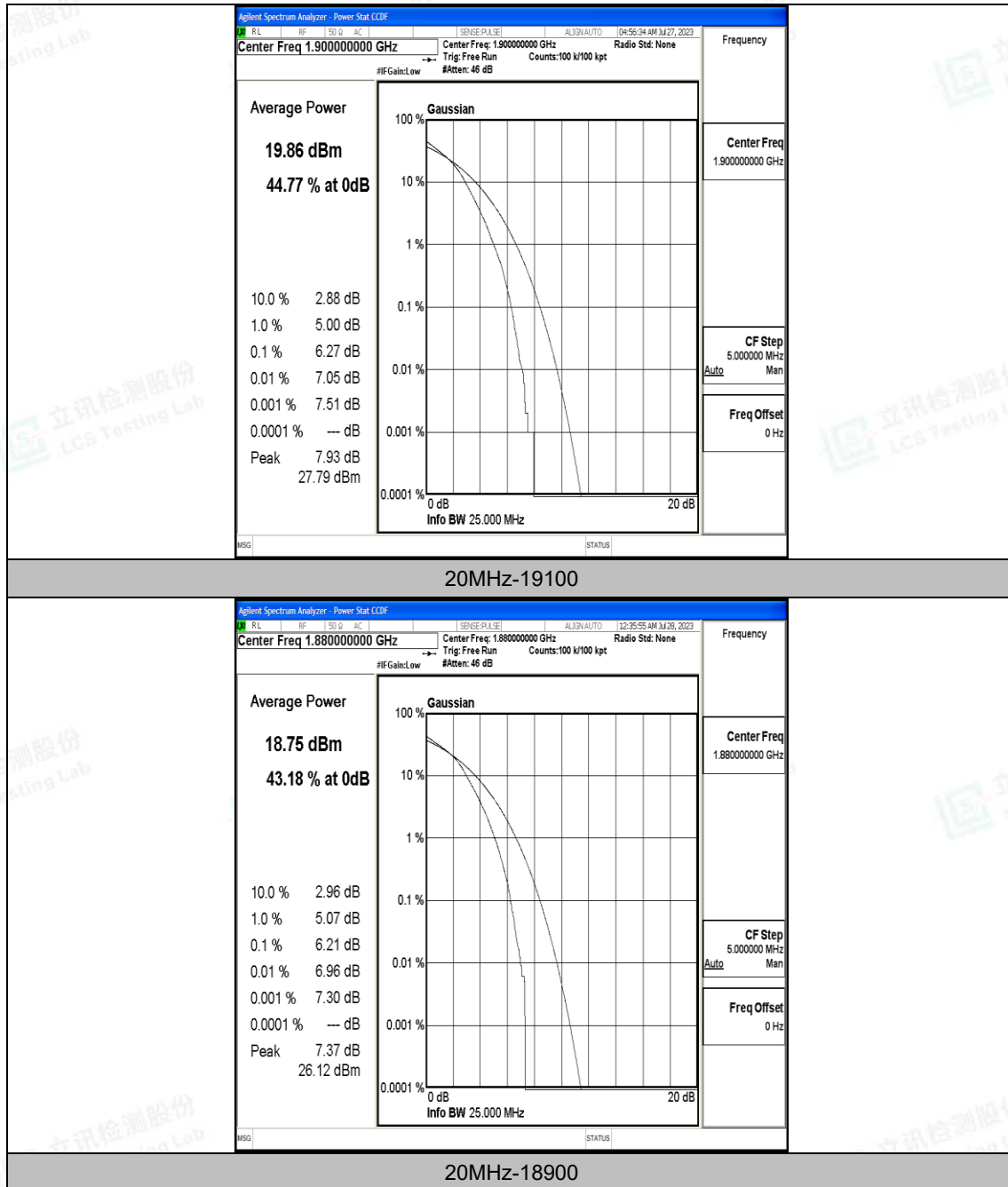


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D.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0975	1.249	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0959	1.248	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0930	1.244	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0912	1.244	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0940	1.244	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0903	1.243	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7042	3.015	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6986	3.032	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7059	3.023	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7011	3.022	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6993	3.031	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7002	3.030	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5314	4.980	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5048	4.967	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5145	4.979	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5099	4.964	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5237	4.969	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5015	4.990	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9939	9.839	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9758	9.867	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9882	9.936	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9804	9.908	PASS
Band2	10MHz	QPSK	19150	50RB#0	9.0172	9.851	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9908	9.919	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.463	14.91	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.452	14.92	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.474	14.93	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.490	14.95	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.458	14.97	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.496	14.89	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.978	19.58	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.944	19.70	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.010	19.69	PASS
Band2	20MHz	16QAM	18900	100RB#0	18.022	19.76	PASS



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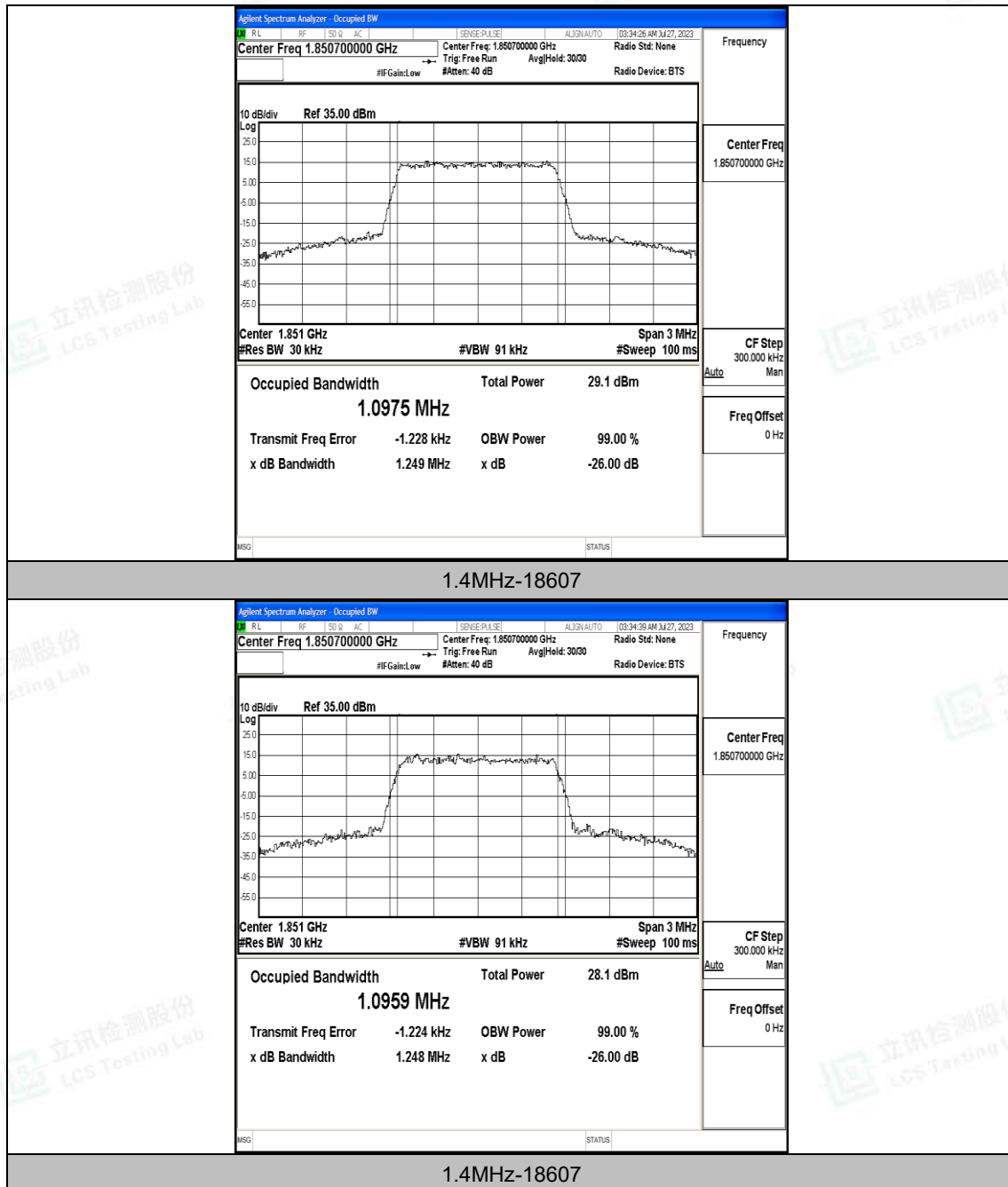


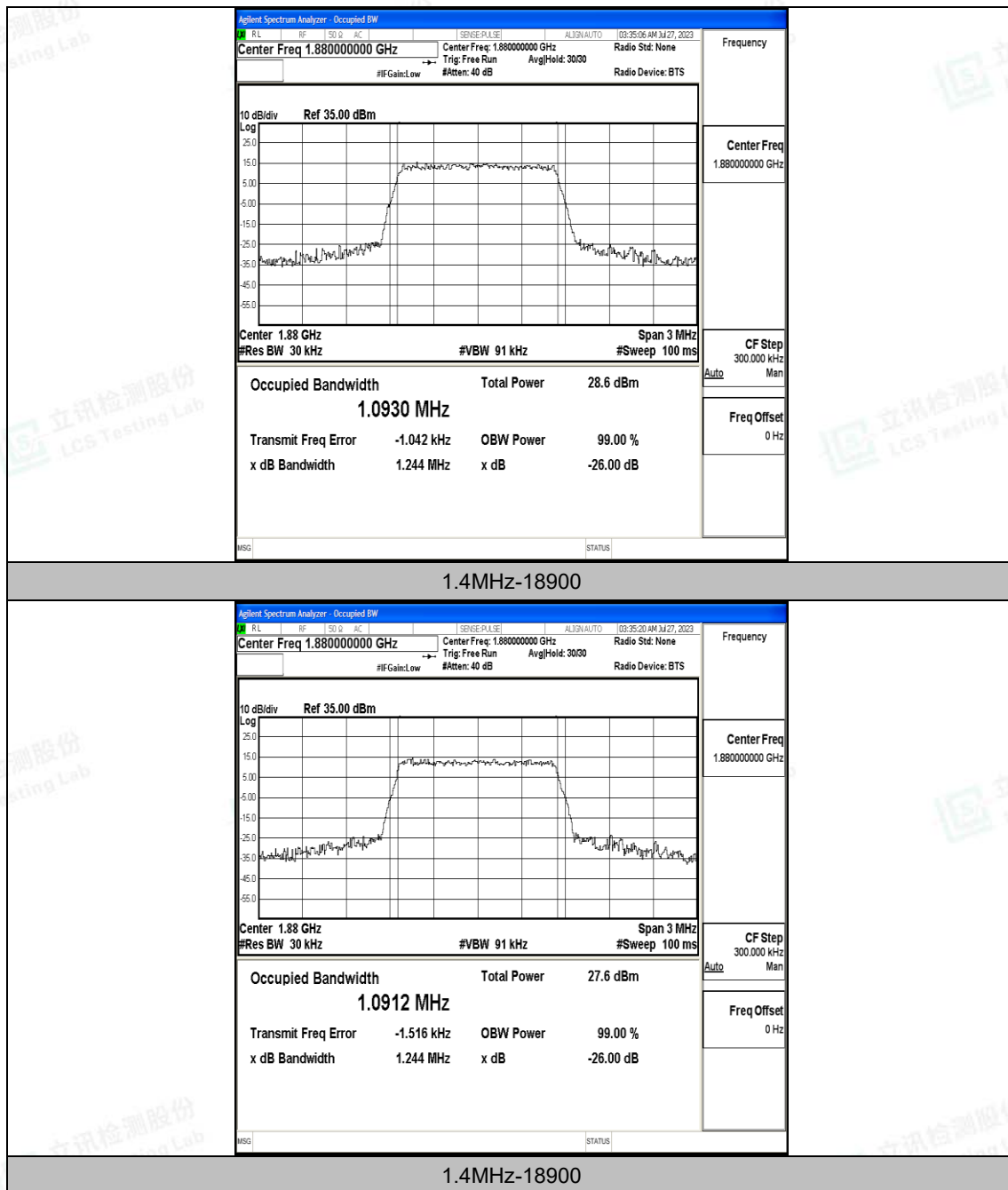
Band2	20MHz	QPSK	19100	100RB#0	18.037	19.88	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.961	19.61	PASS





Test Graphs



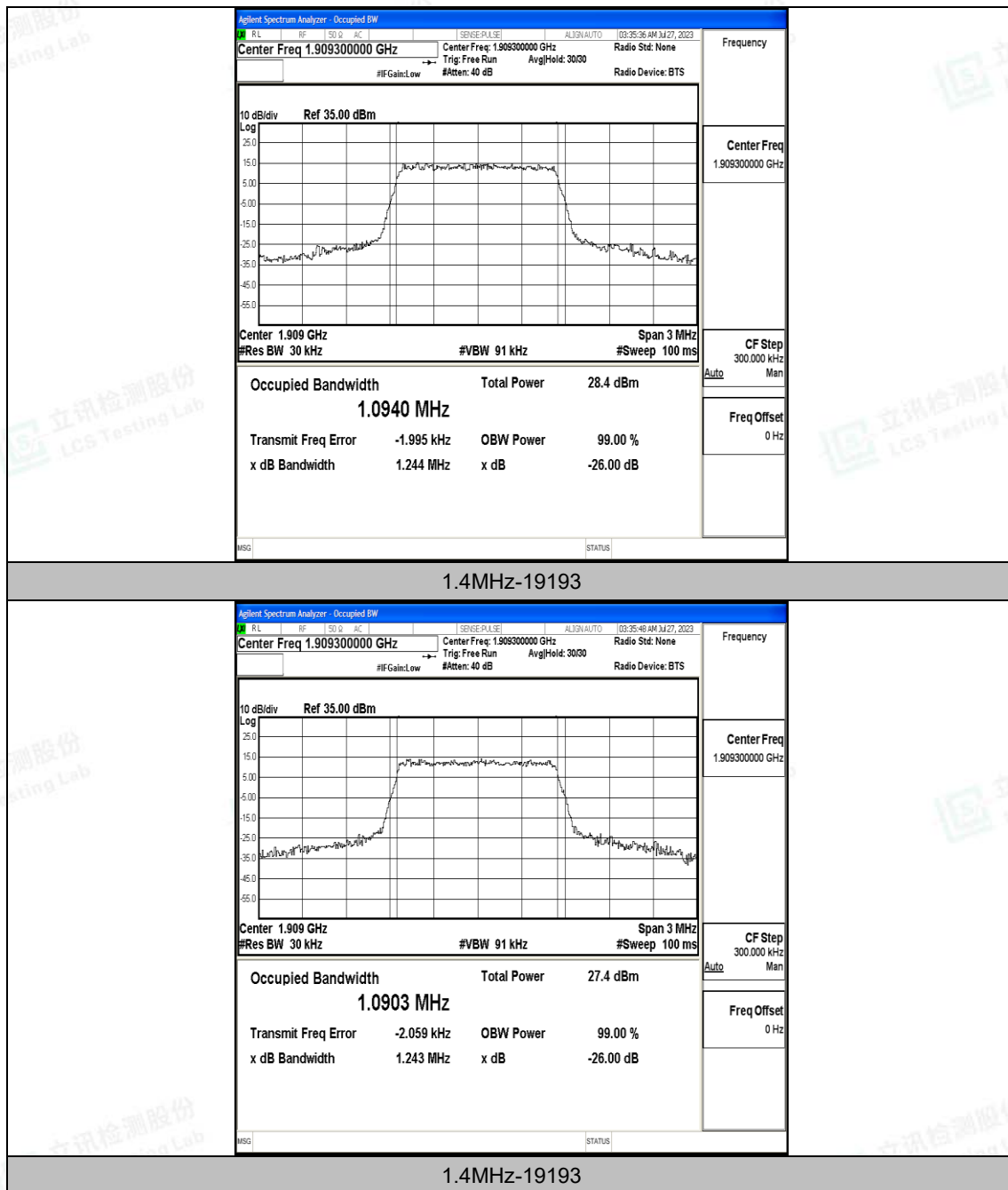


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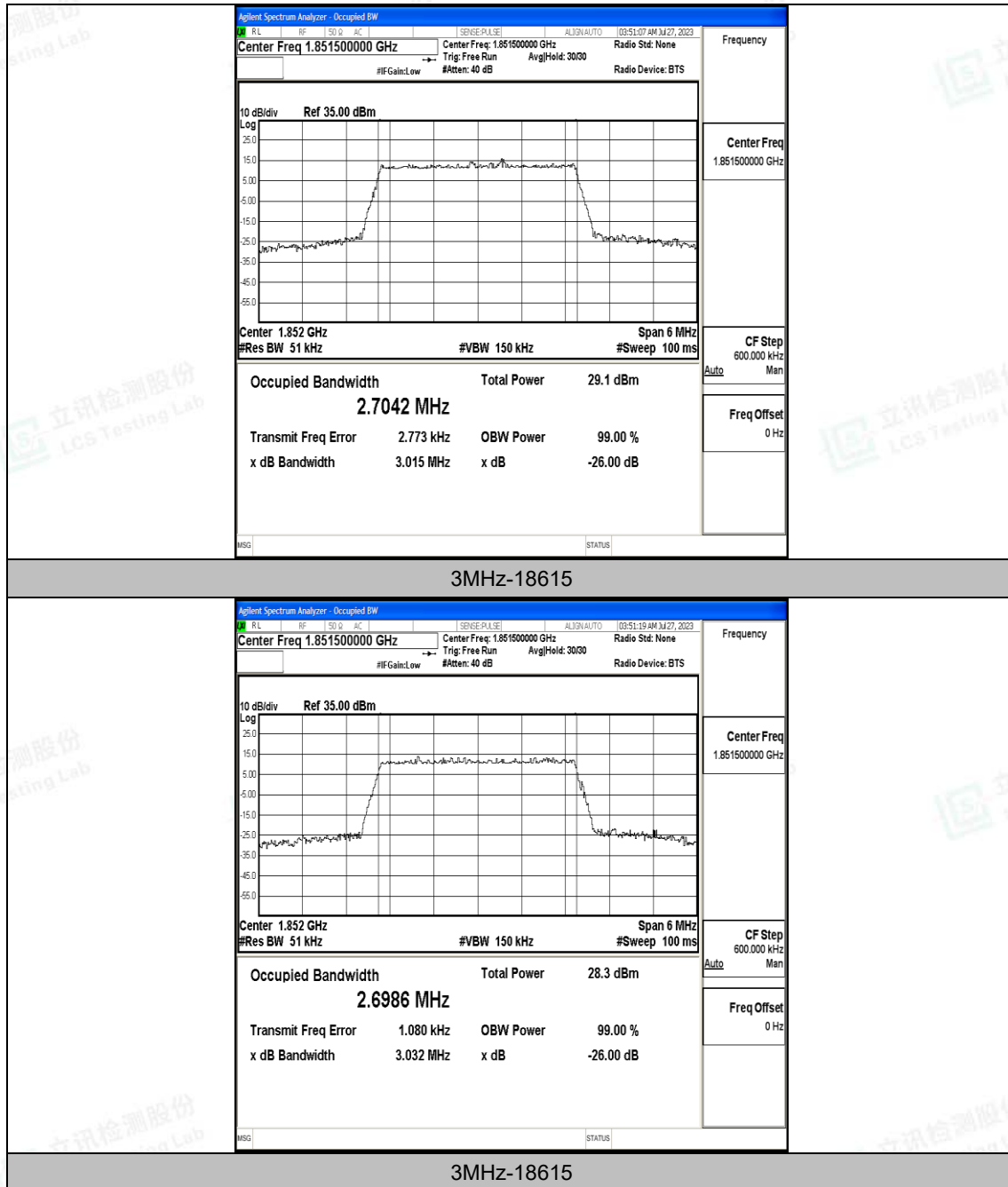


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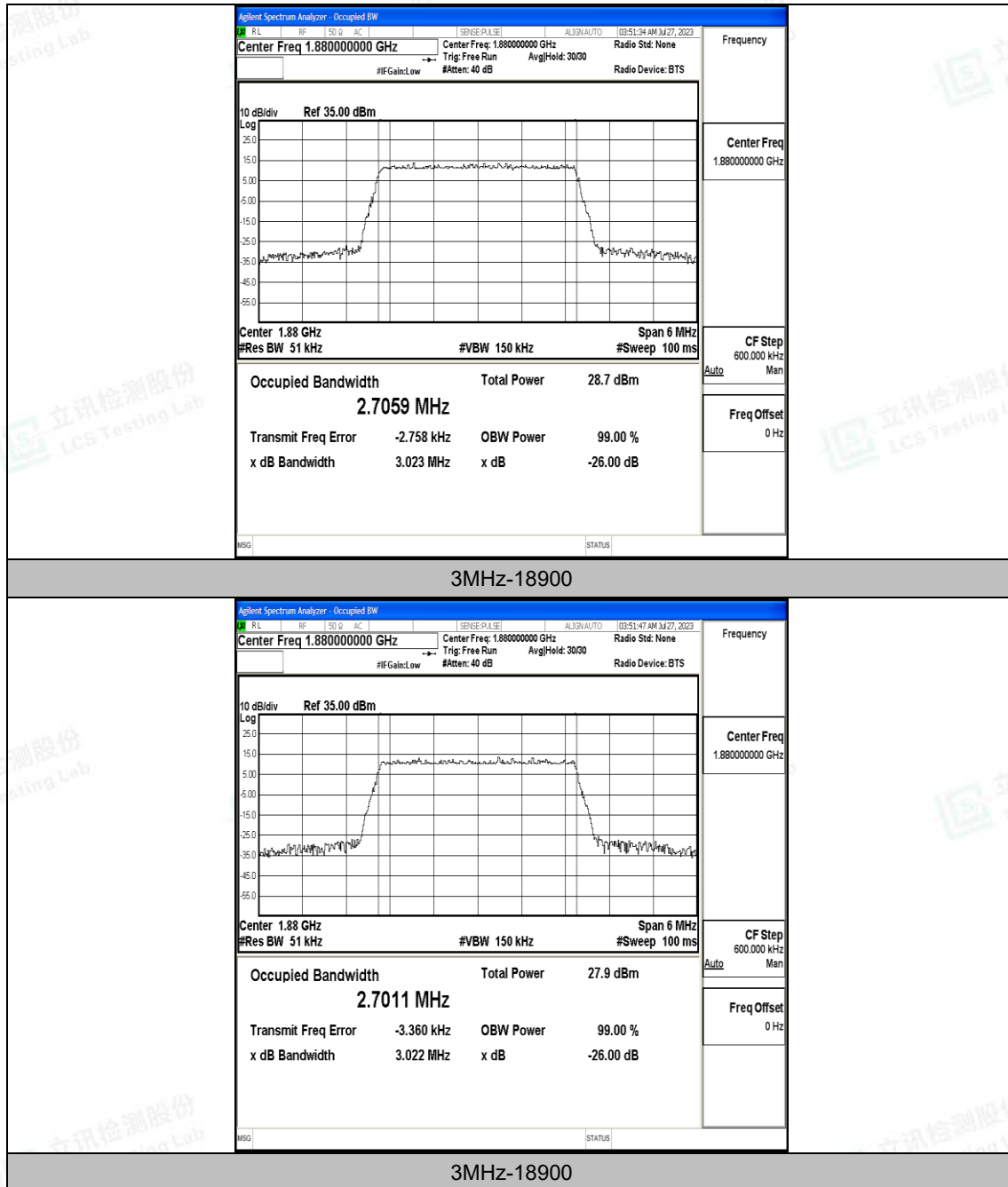


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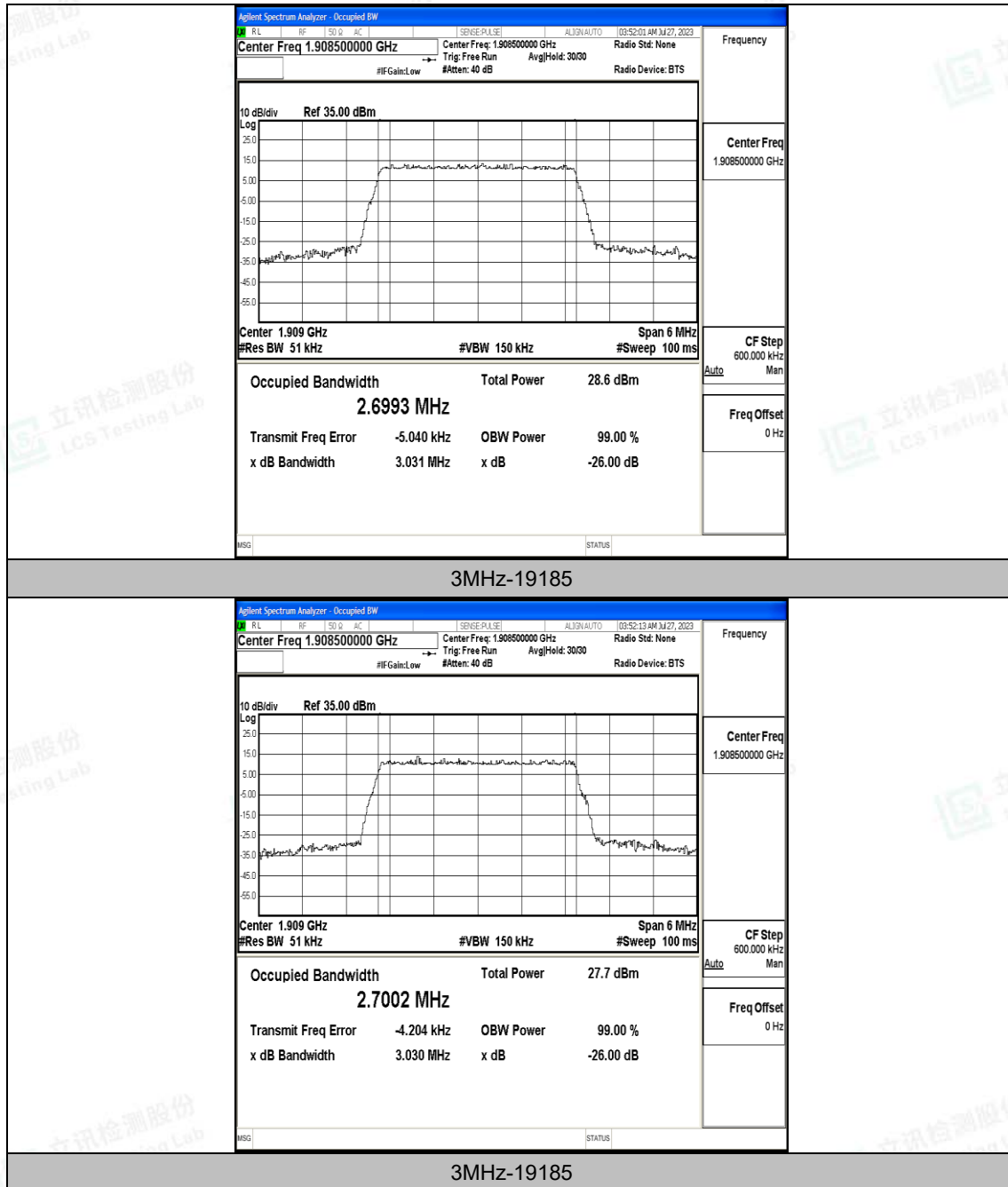


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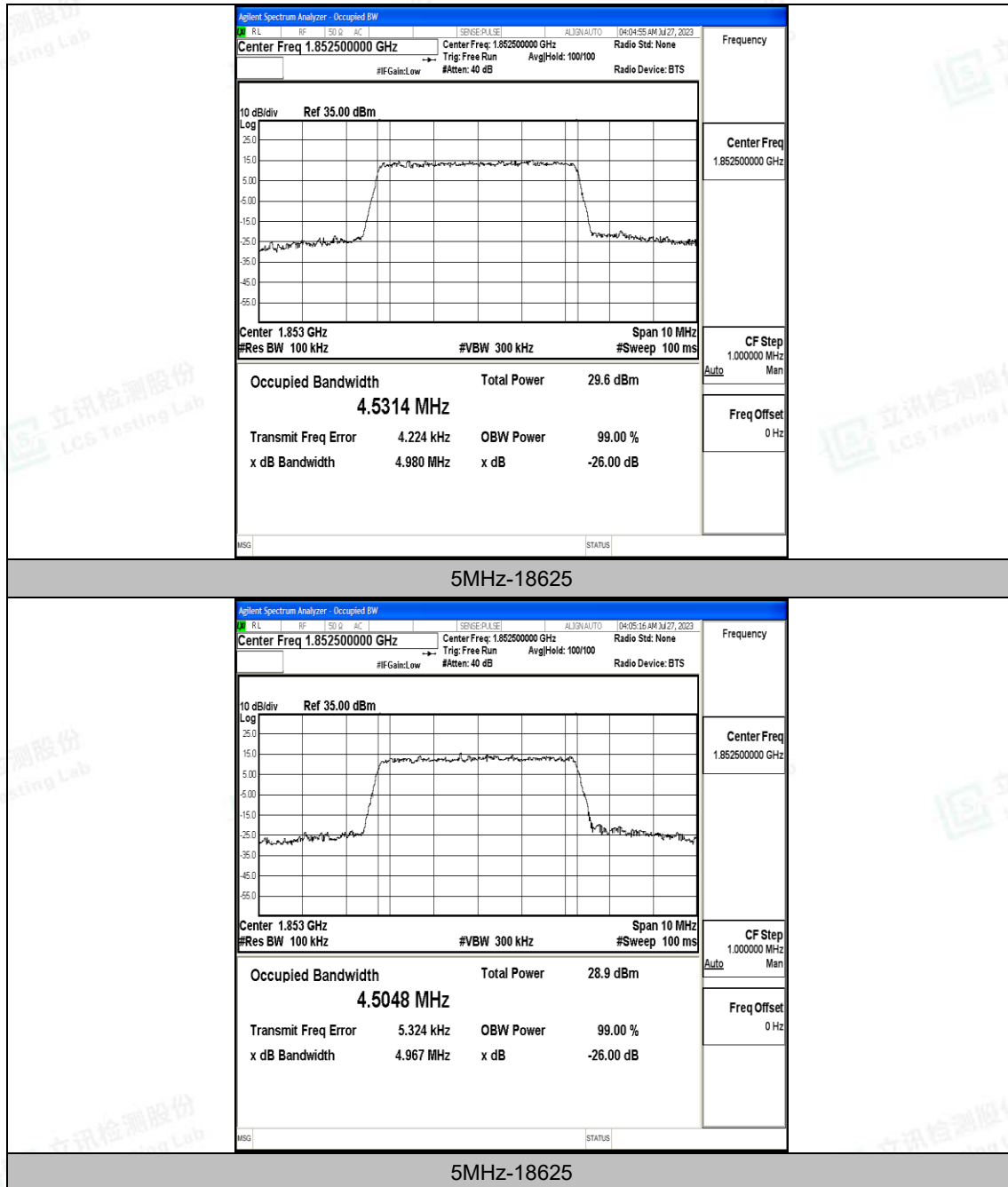


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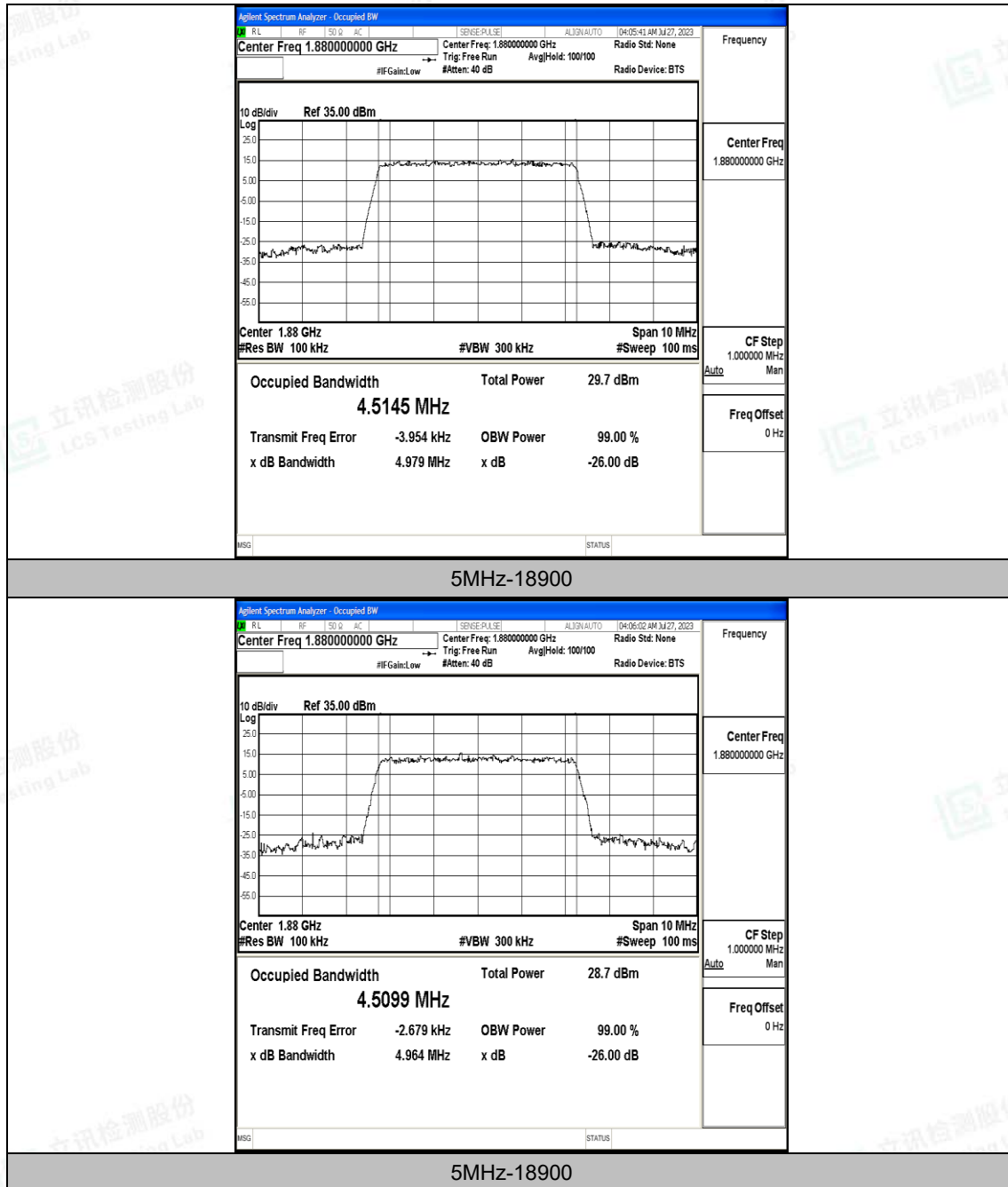


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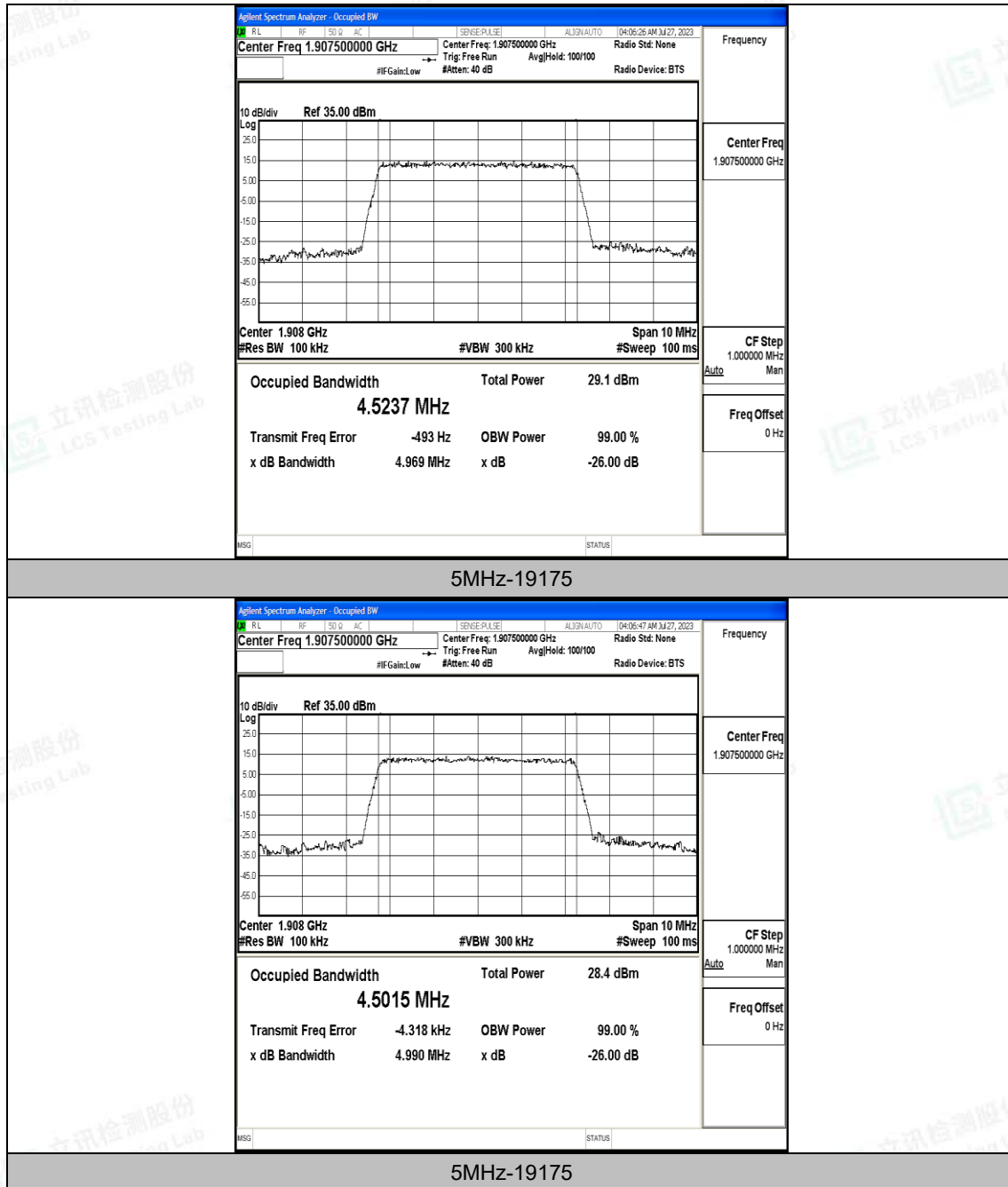


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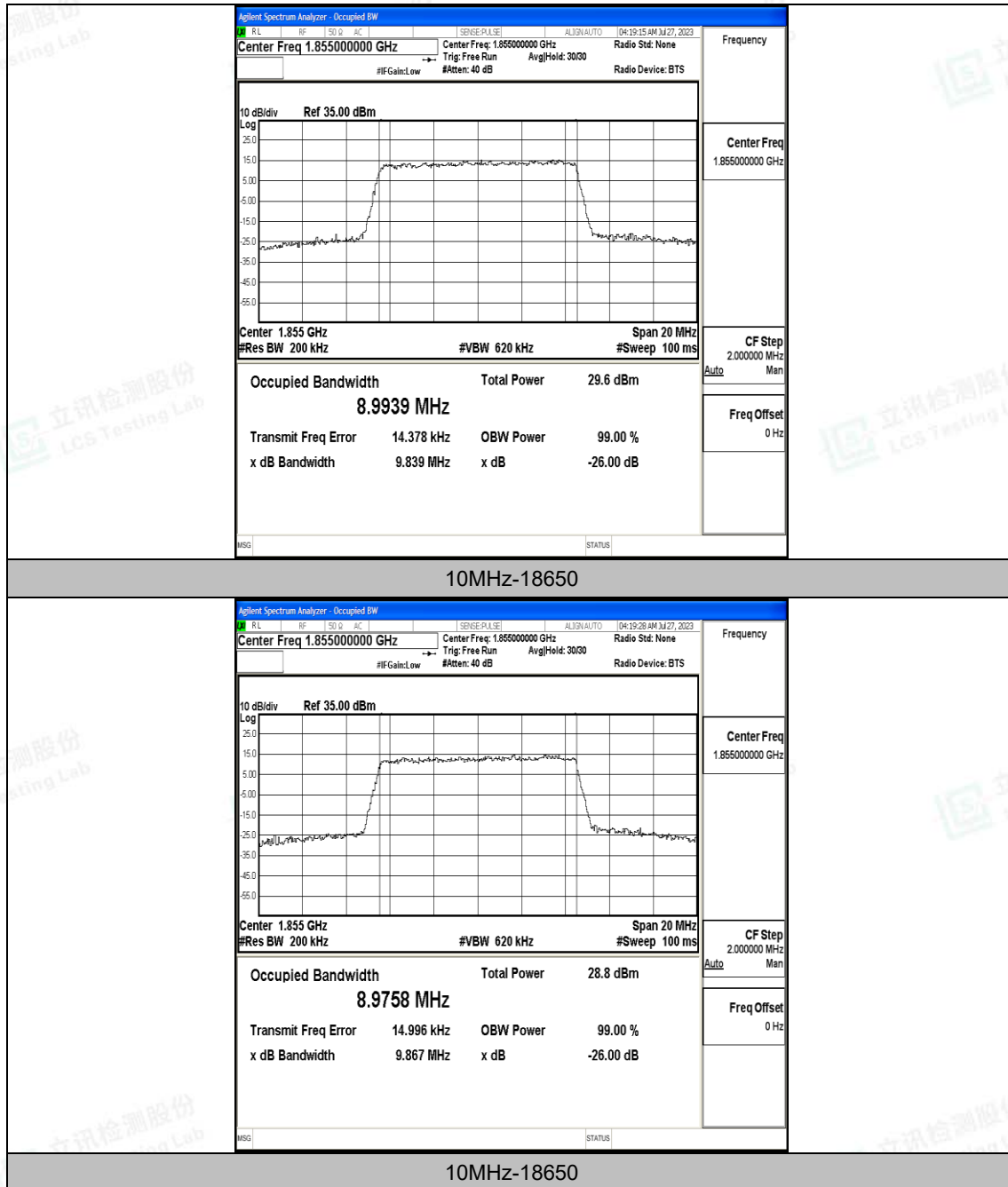


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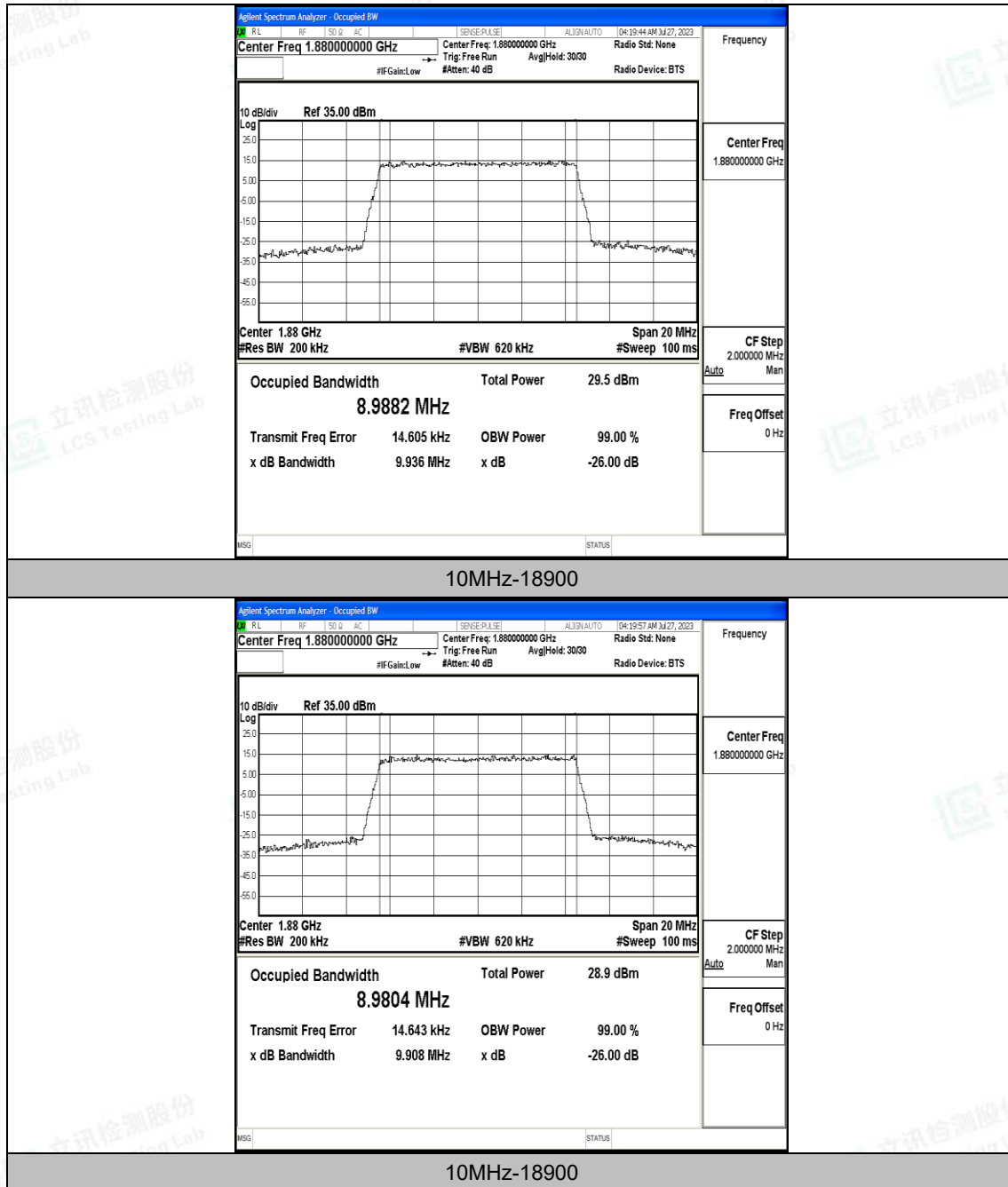


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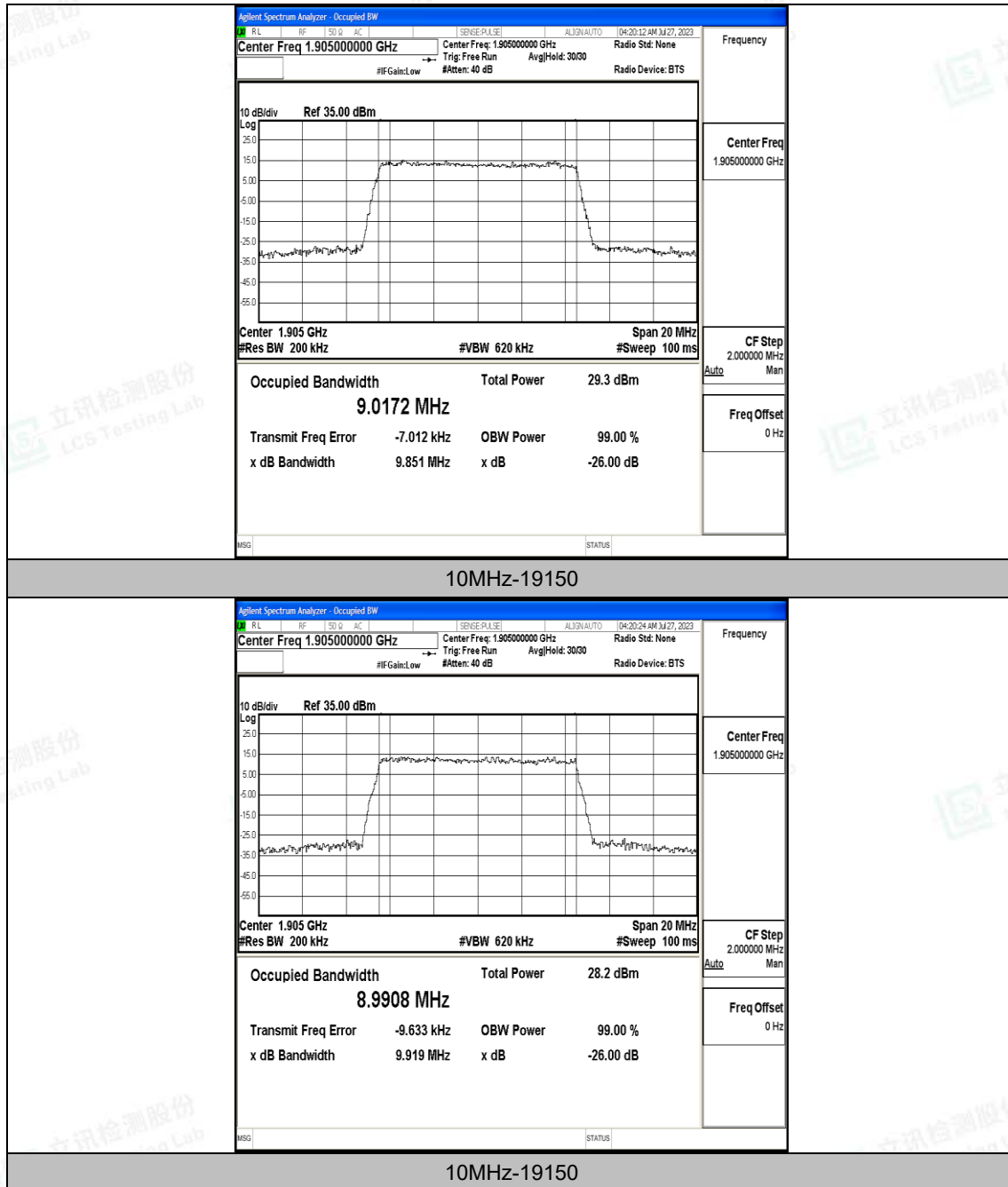


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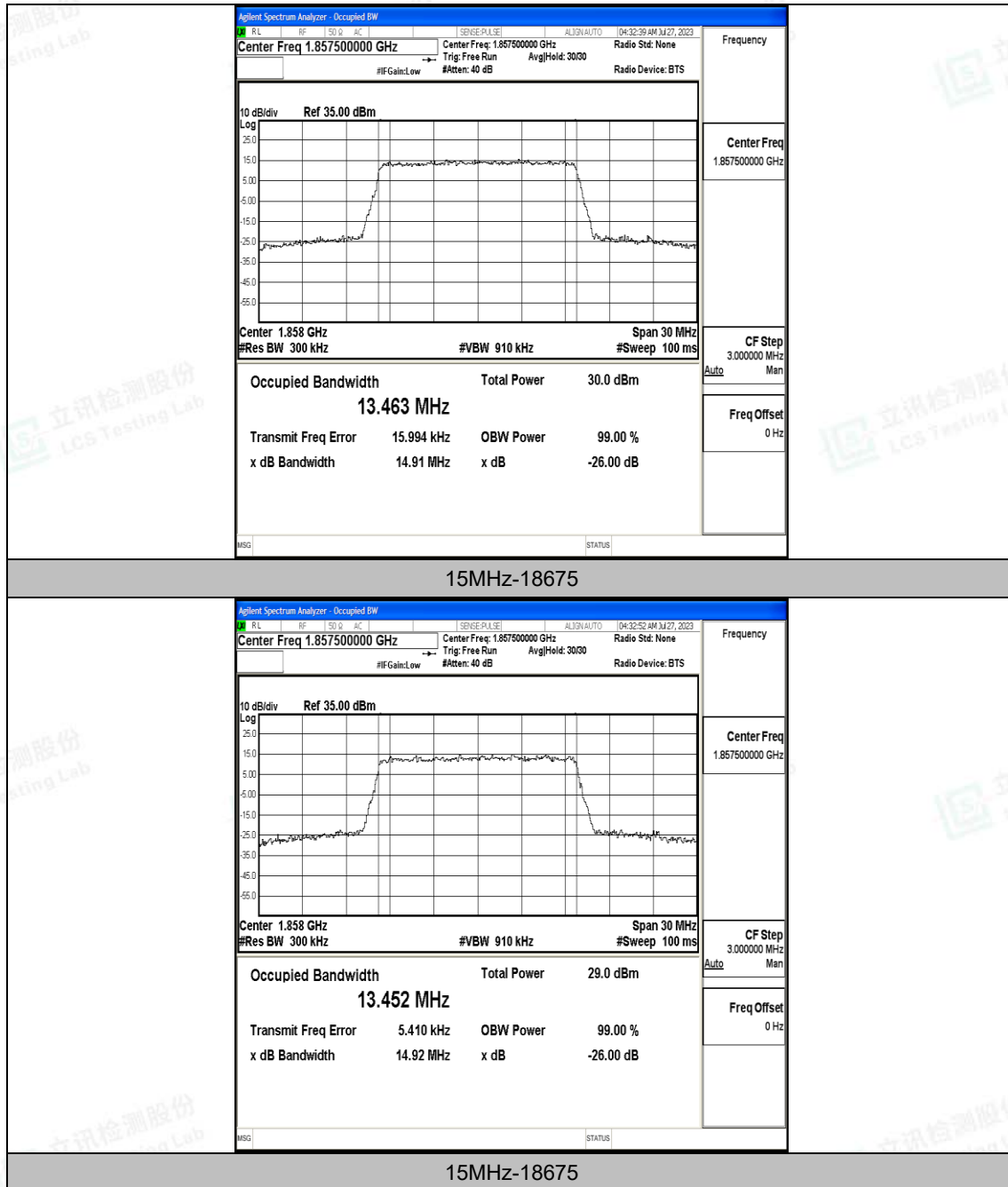


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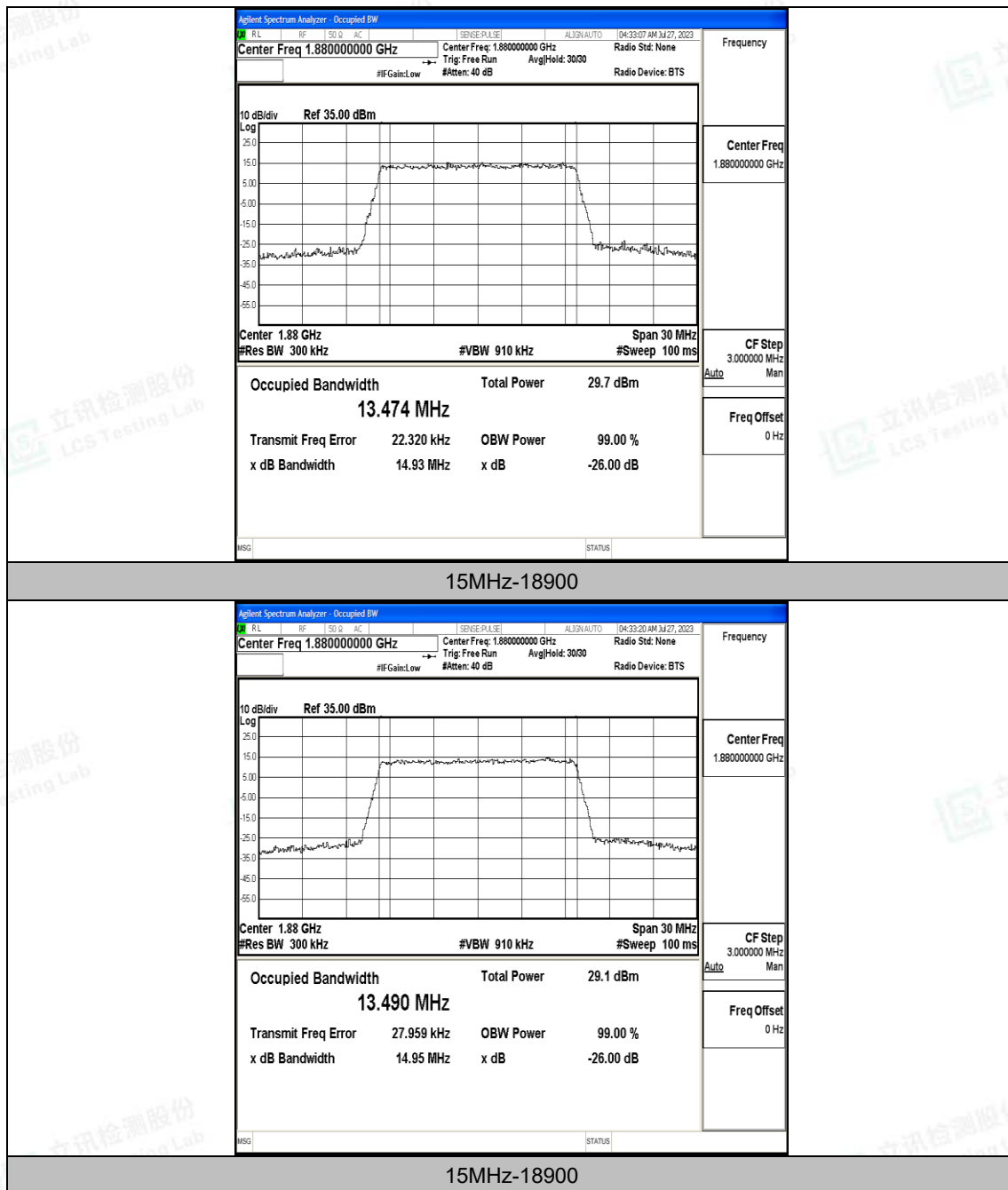


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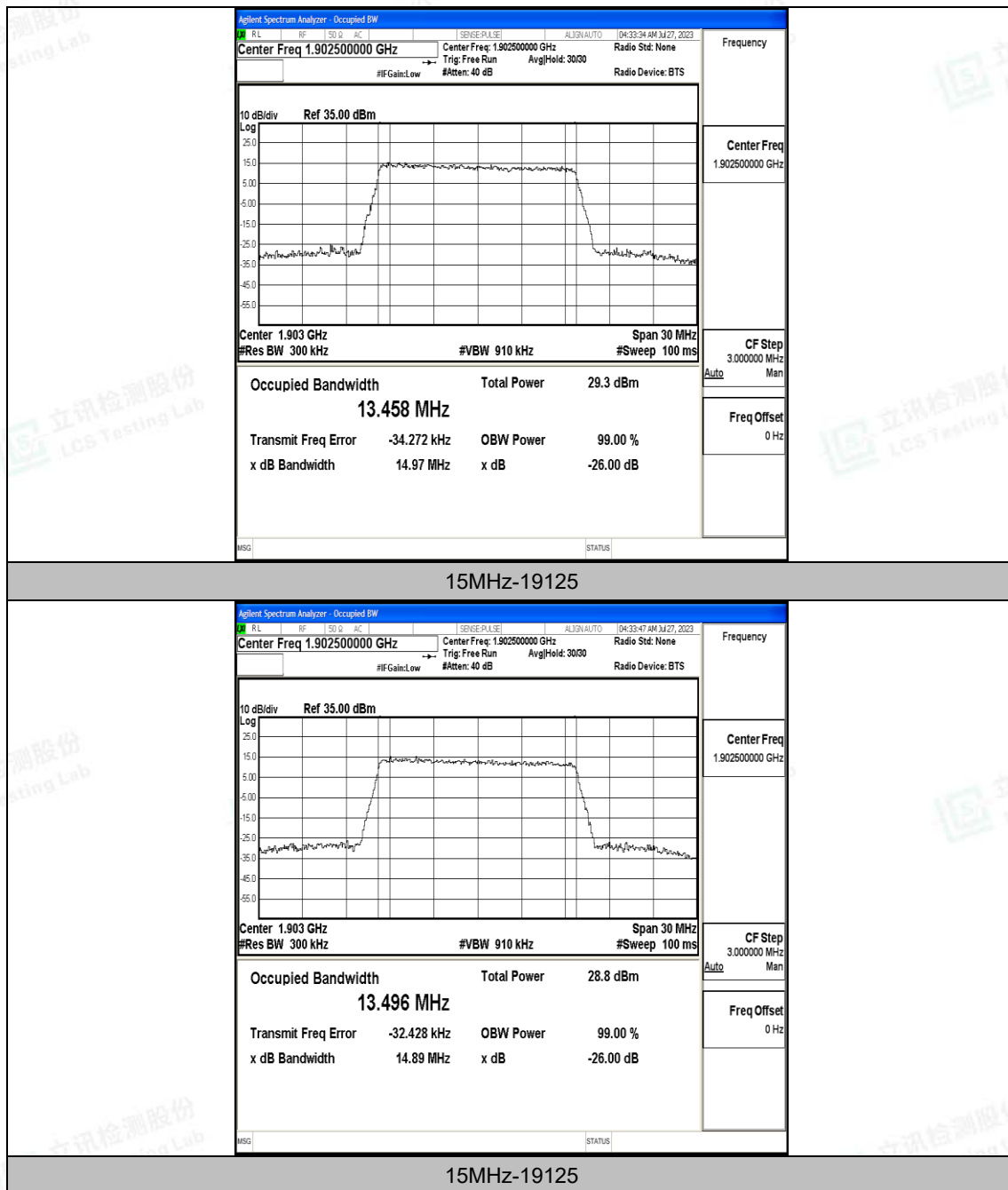


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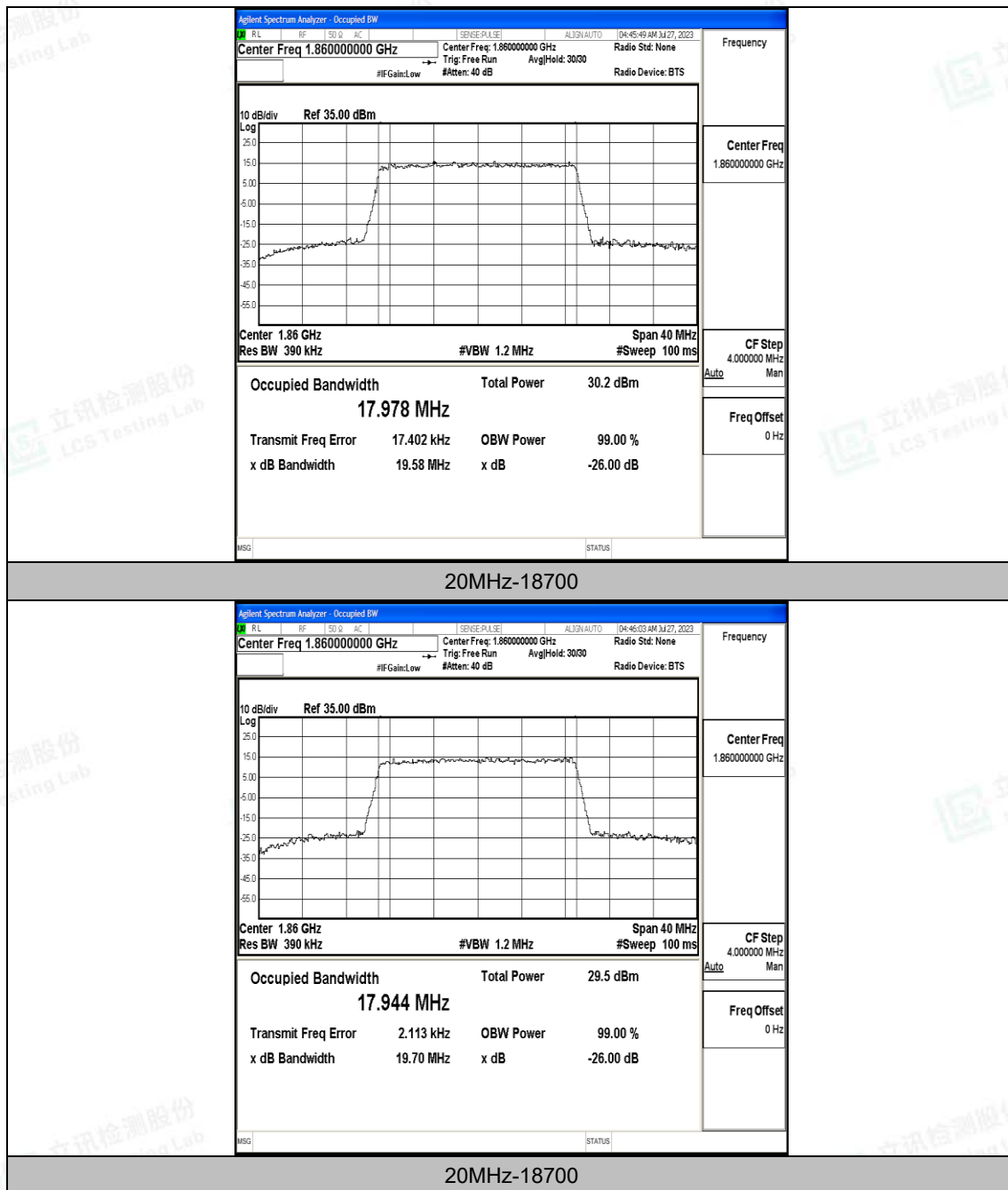


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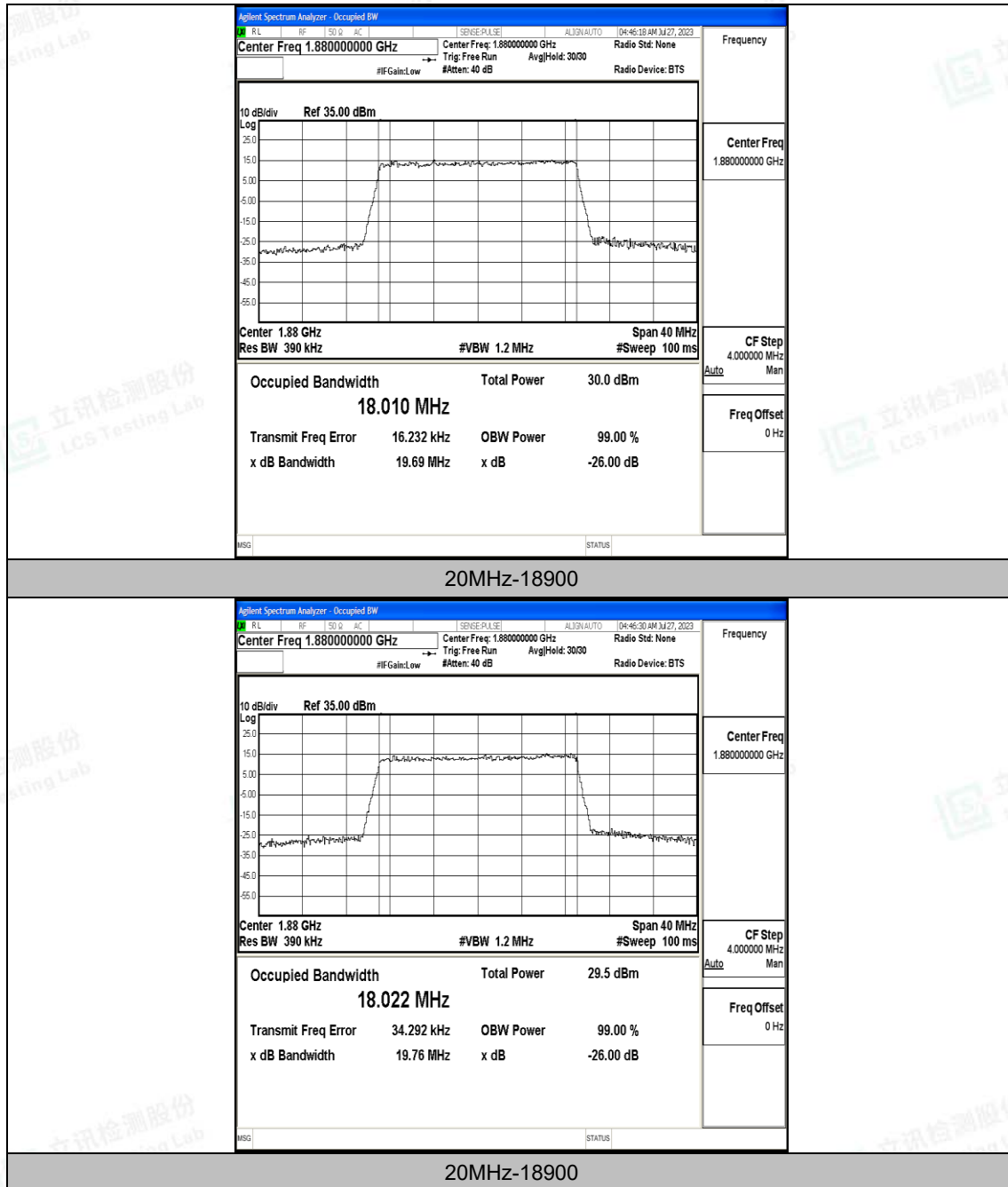


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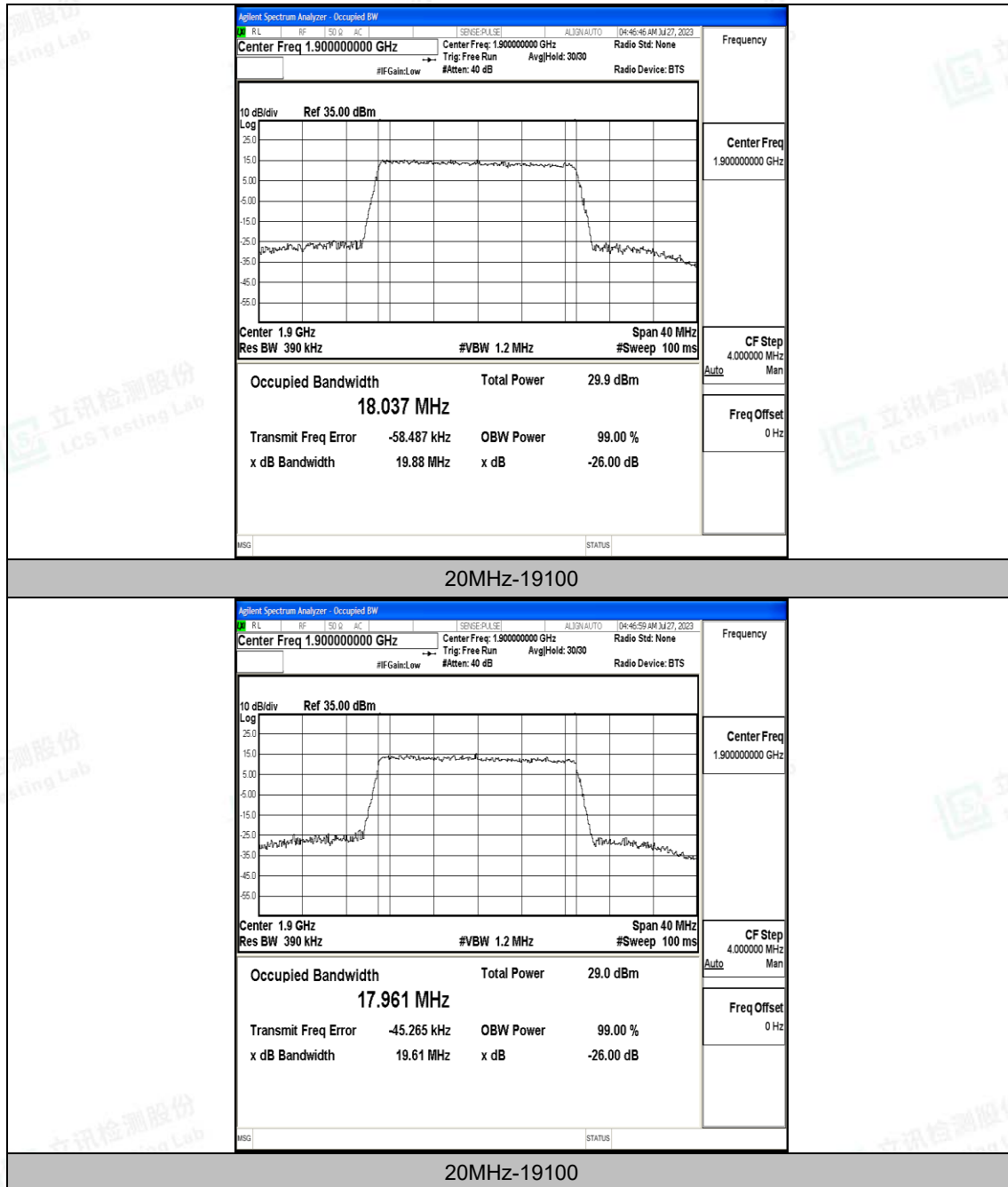


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D.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1848.99	-48.22	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1848.89	-50.78	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1911.02	-50.58	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1911.03	-50.74	PASS
Band2	3MHz	QPSK	18615	15RB#0	1848.95	-37.49	PASS
Band2	3MHz	16QAM	18615	15RB#0	1848.86	-40.16	PASS
Band2	3MHz	QPSK	19185	15RB#0	1911.07	-40.25	PASS
Band2	3MHz	16QAM	19185	15RB#0	1911.06	-42.29	PASS
Band2	5MHz	QPSK	18625	25RB#0	1848.96	-38.14	PASS
Band2	5MHz	16QAM	18625	25RB#0	1848.90	-39.50	PASS
Band2	5MHz	QPSK	19175	25RB#0	1911.04	-40.61	PASS
Band2	5MHz	16QAM	19175	25RB#0	1911.36	-42.04	PASS
Band2	10MHz	QPSK	18650	50RB#0	1848.73	-36.87	PASS
Band2	10MHz	16QAM	18650	50RB#0	1848.97	-38.48	PASS
Band2	10MHz	QPSK	19150	50RB#0	1911.08	-42.99	PASS
Band2	10MHz	16QAM	19150	50RB#0	1911.00	-43.66	PASS
Band2	15MHz	QPSK	18675	75RB#0	1848.78	-34.45	PASS
Band2	15MHz	16QAM	18675	75RB#0	1848.85	-36.61	PASS
Band2	15MHz	QPSK	19125	75RB#0	1911.13	-40.01	PASS
Band2	15MHz	16QAM	19125	75RB#0	1911.93	-43.40	PASS
Band2	20MHz	QPSK	18700	100RB#0	1848.62	-36.66	PASS
Band2	20MHz	16QAM	18700	100RB#0	1848.95	-37.92	PASS
Band2	20MHz	QPSK	19100	100RB#0	1911.03	-42.68	PASS
Band2	20MHz	16QAM	19100	100RB#0	1911.05	-43.86	PASS



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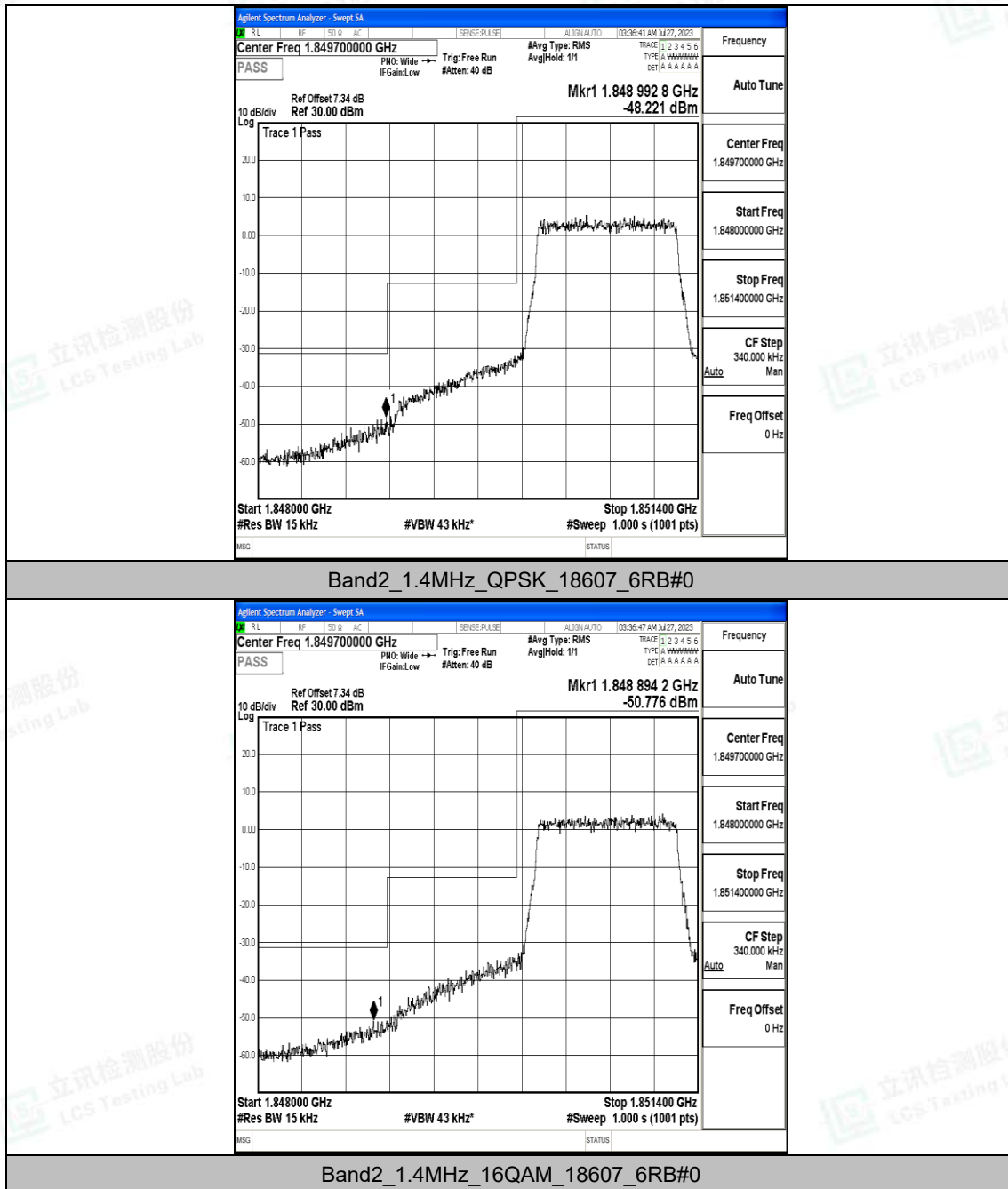
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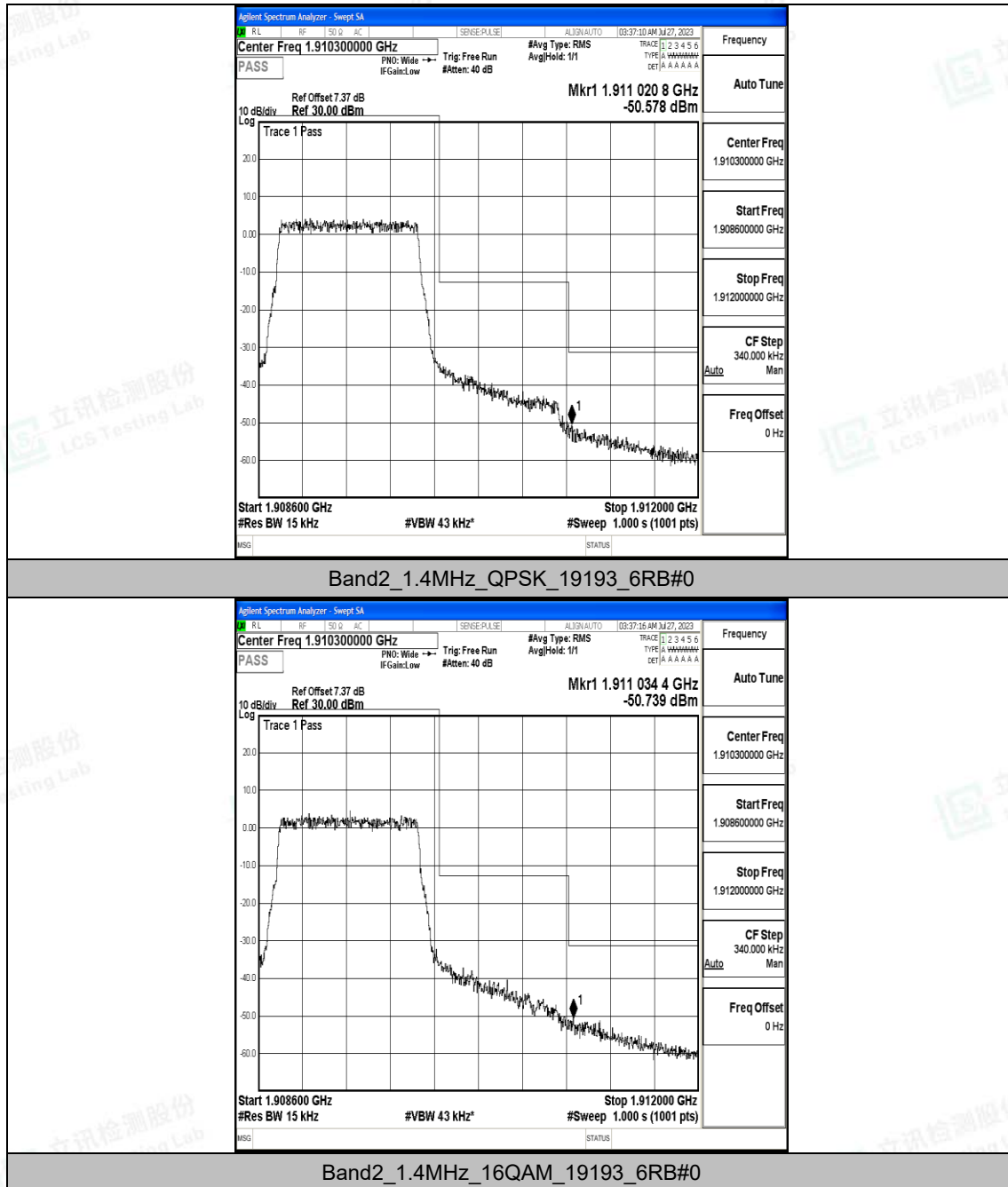
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Test Graphs



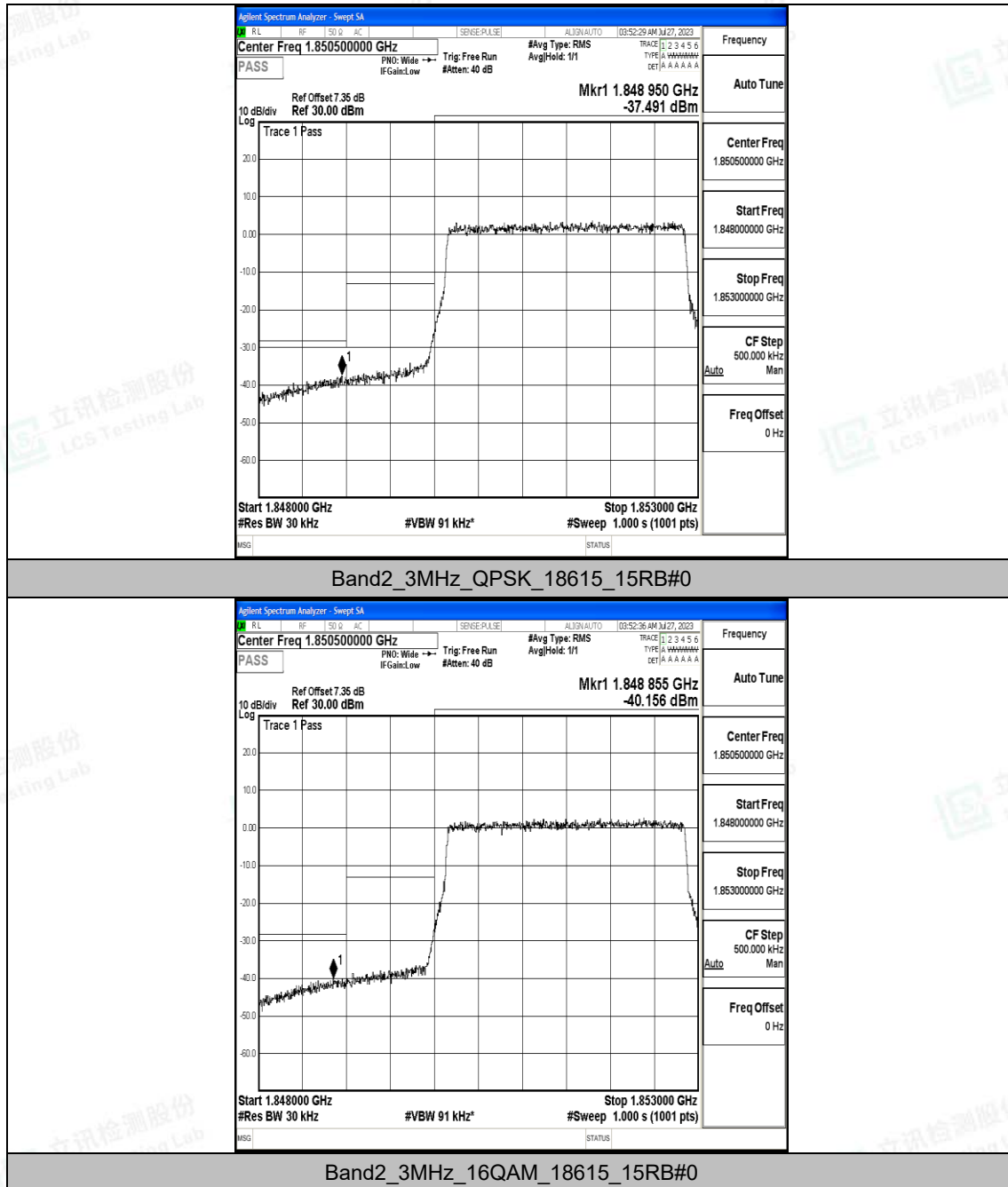


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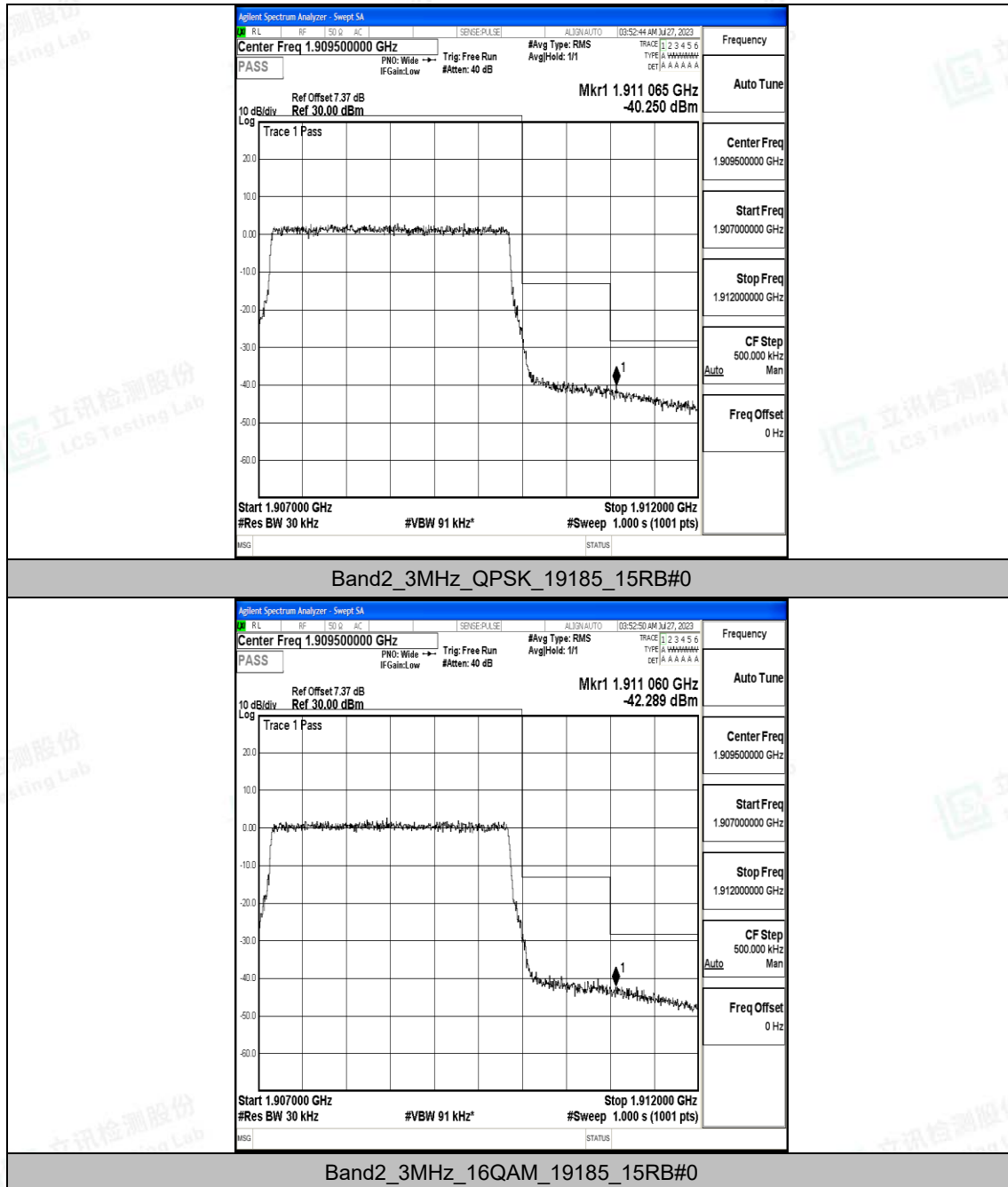


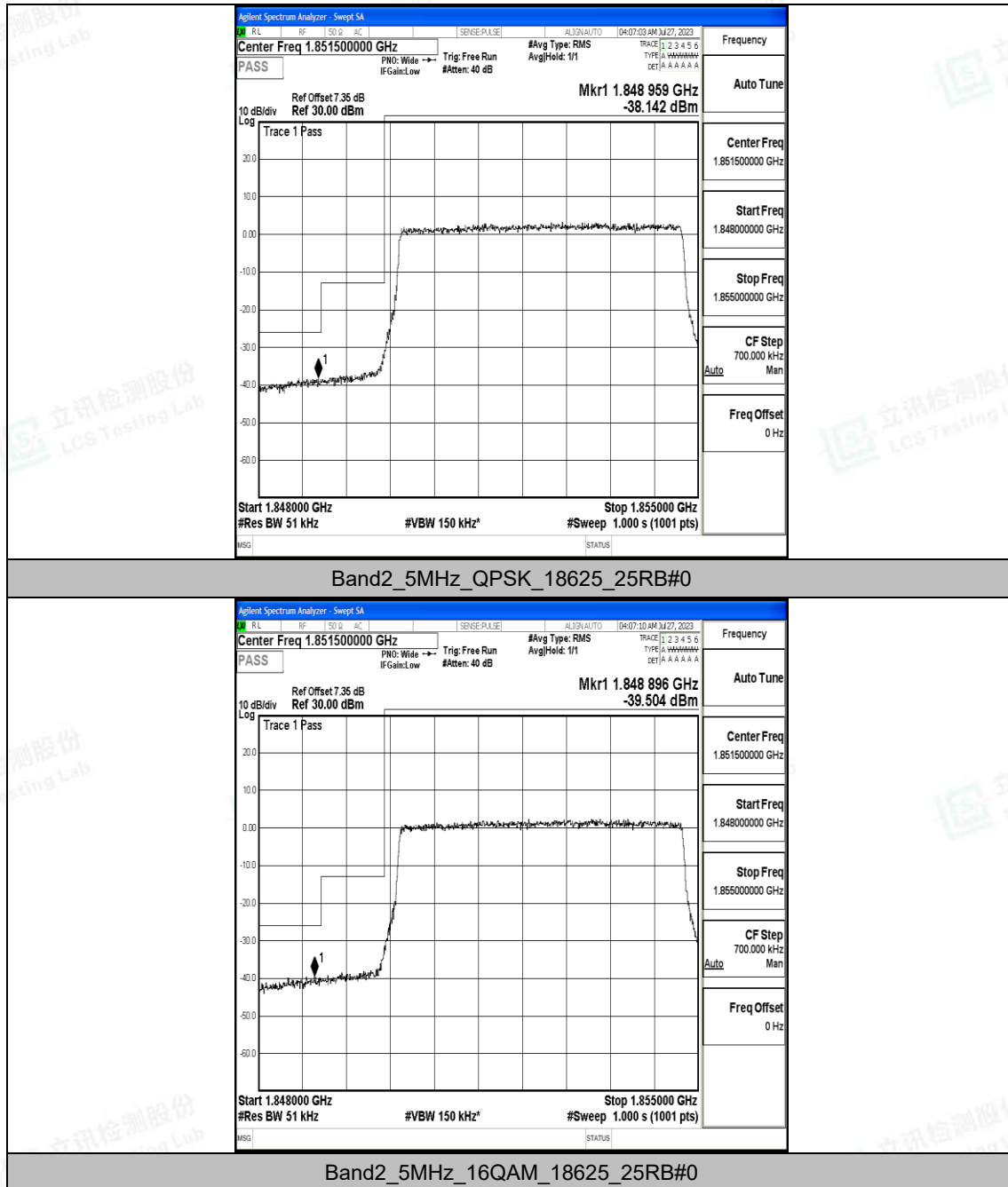
Shenzhen LCS Compliance Testing Laboratory Ltd.

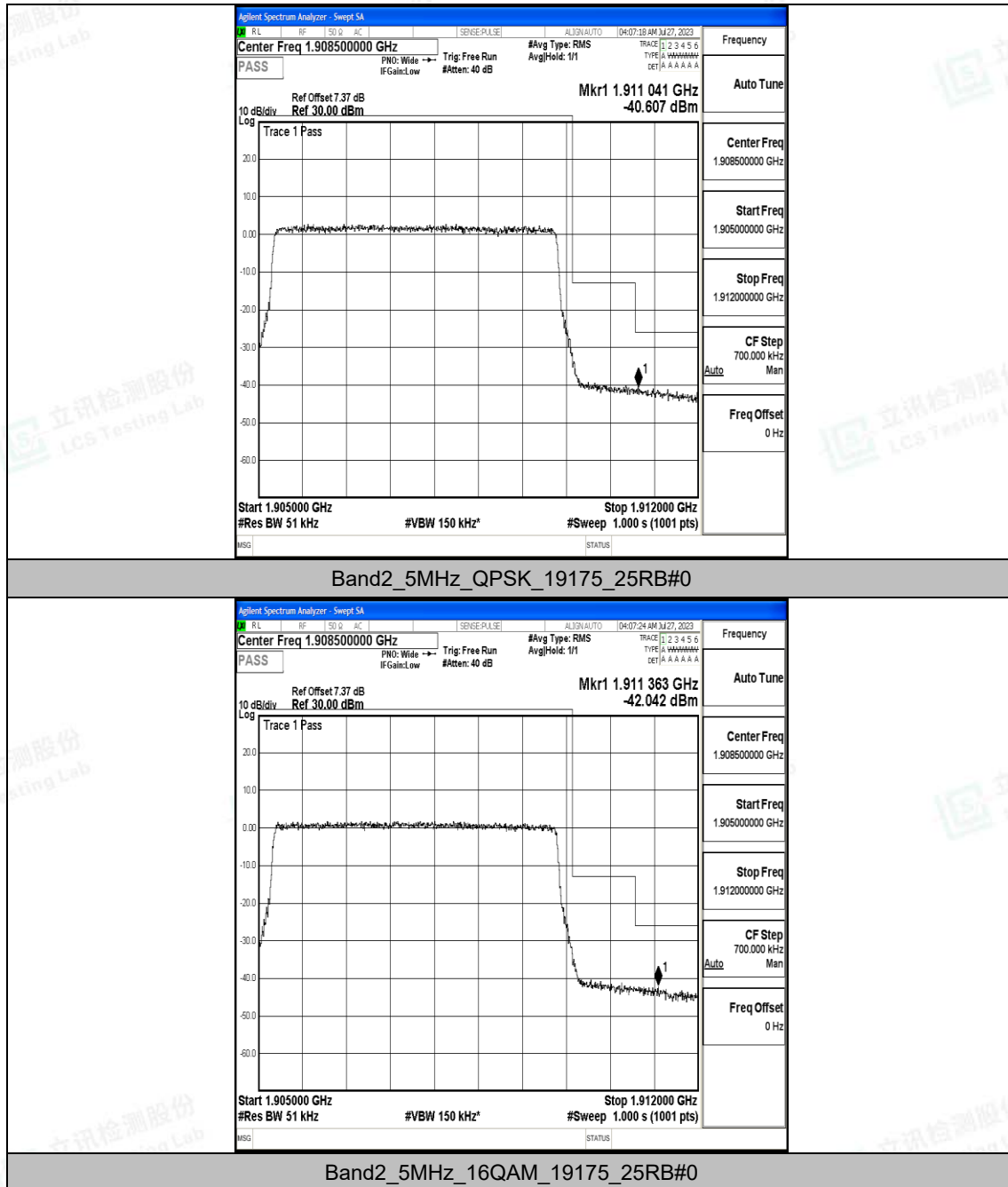
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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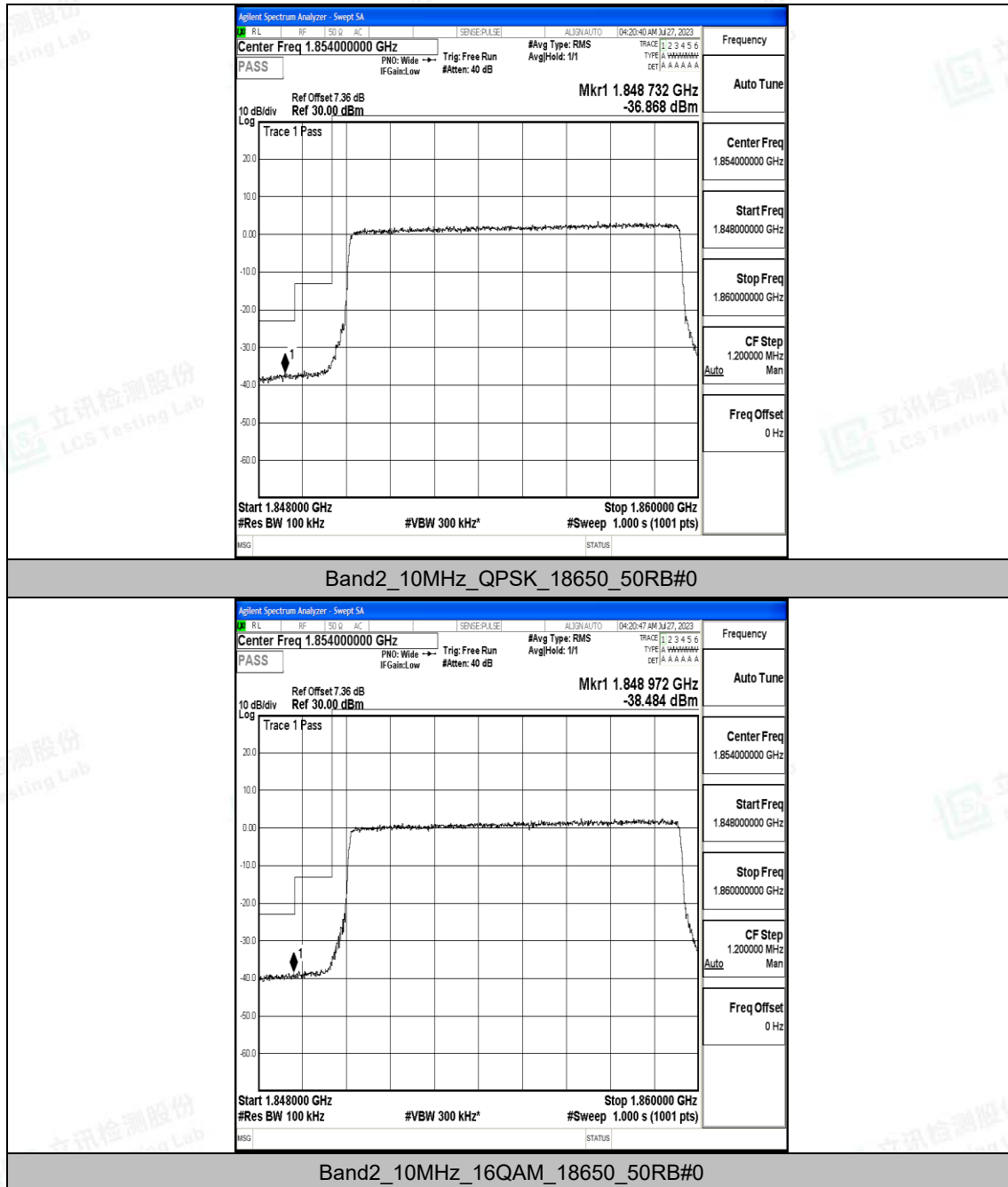


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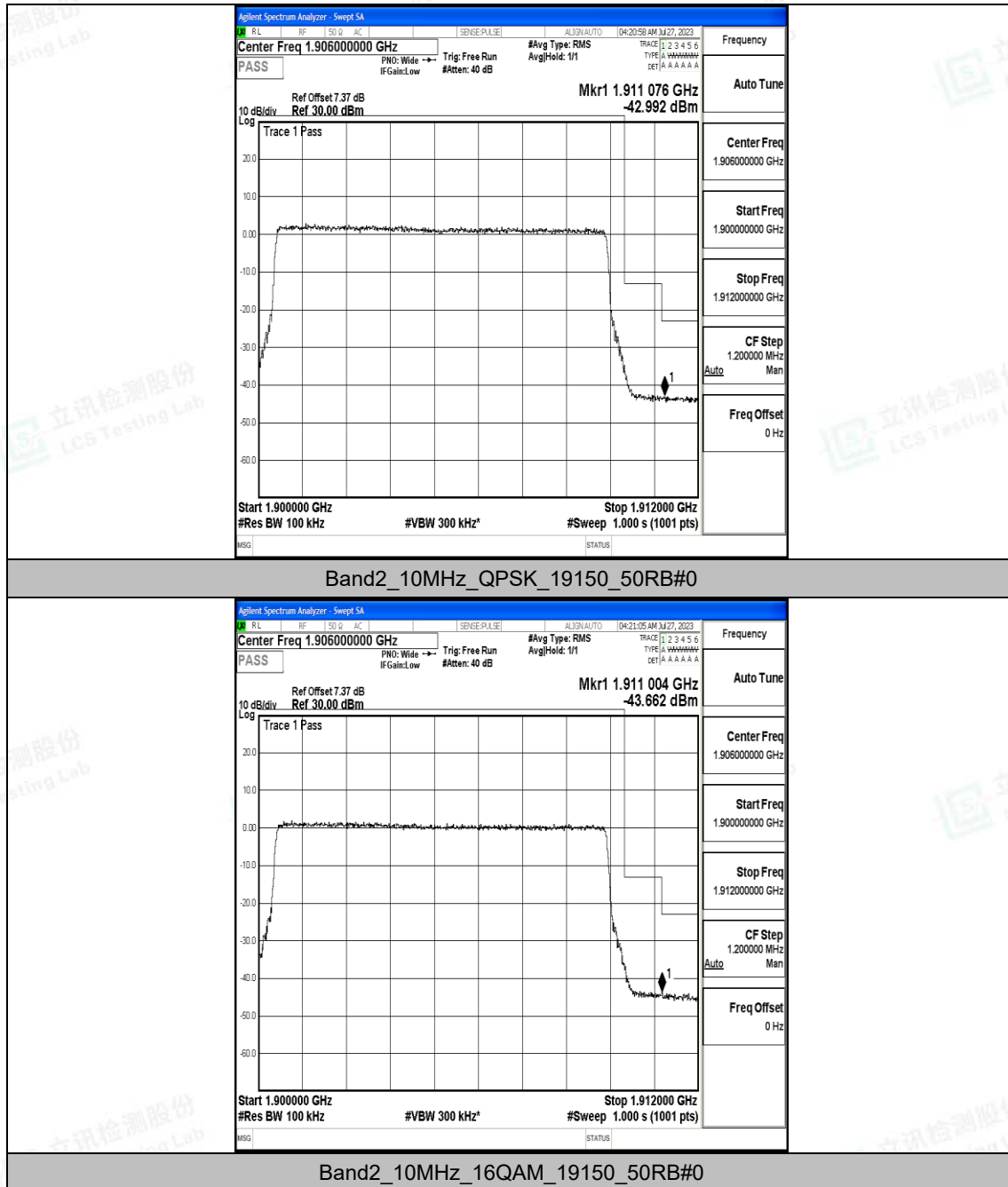


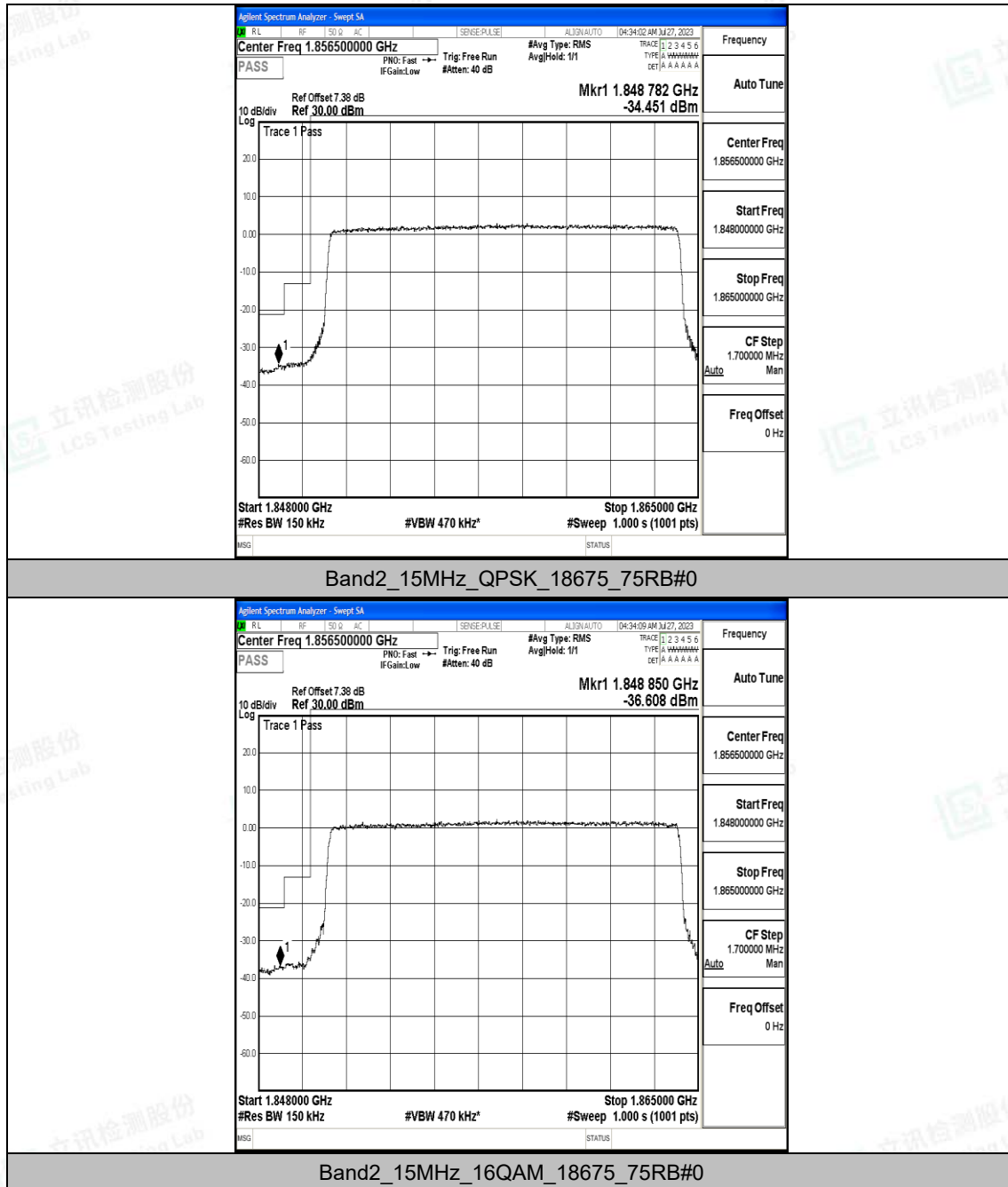
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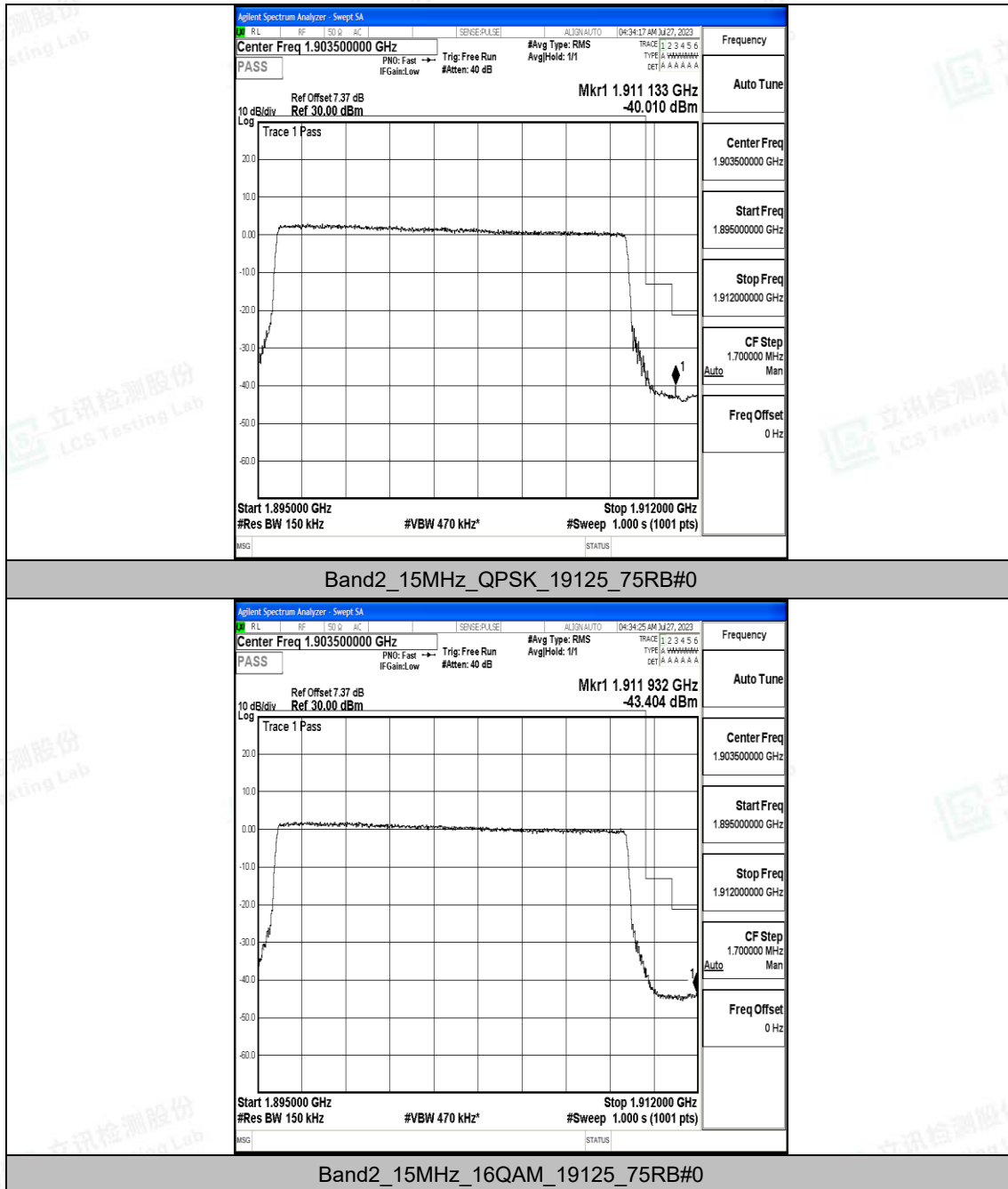


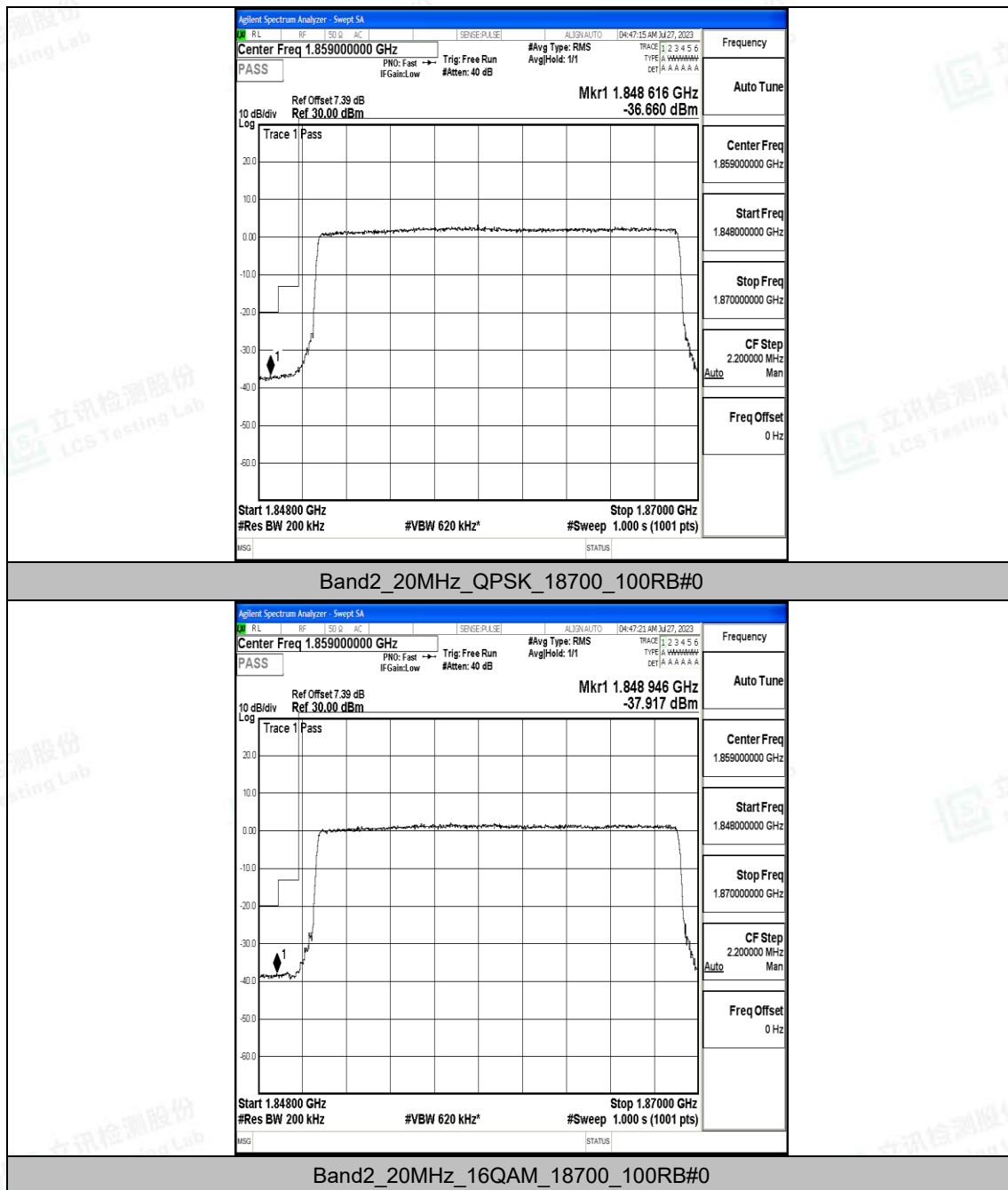
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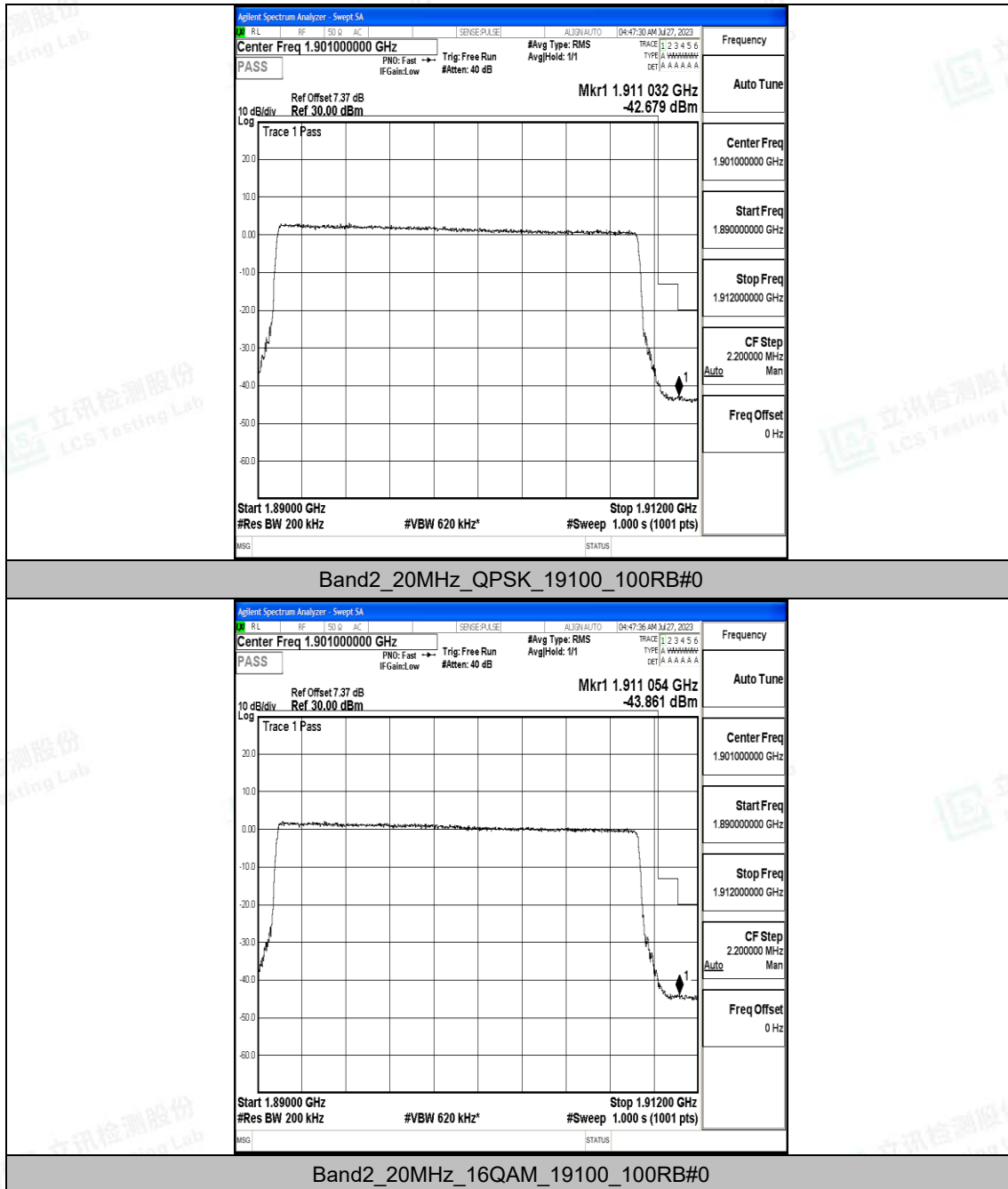


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D.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	0.009~0.15	-63.84	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	0.15~30	-52.74	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	30~1000	-54.42	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	1000~3000	-44.24	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	3000~20000	-33.35	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.009~0.15	-63.89	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.15~30	-53.74	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	30~1000	-54.39	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	1000~3000	-44.47	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	3000~20000	-33.31	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.009~0.15	-64.61	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.15~30	-51.77	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	30~1000	-54.47	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	1000~3000	-45.24	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	3000~20000	-33.64	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.009~0.15	-63.33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.15~30	-52.95	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	30~1000	-54.50	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	1000~3000	-44.64	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	3000~20000	-33.51	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.009~0.15	-64.83	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.15~30	-53.31	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	30~1000	-54.47	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	1000~3000	-44.30	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3000~20000	-33.43	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.009~0.15	-64.17	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.15~30	-53.58	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	30~1000	-54.42	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	1000~3000	-45.26	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	3000~20000	-33.21	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.009~0.15	-63.18	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.15~30	-52.15	PASS
Band2	3MHz	QPSK	18615	1RB#0	30~1000	-53.88	PASS
Band2	3MHz	QPSK	18615	1RB#0	1000~3000	-47.23	PASS
Band2	3MHz	QPSK	18615	1RB#0	3000~20000	-33.13	PASS



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Band2	3MHz	16QAM	18615	1RB#0	0.009~0.15	-65.24	PASS
Band2	3MHz	16QAM	18615	1RB#0	0.15~30	-52.37	PASS
Band2	3MHz	16QAM	18615	1RB#0	30~1000	-53.67	PASS
Band2	3MHz	16QAM	18615	1RB#0	1000~3000	-47.32	PASS
Band2	3MHz	16QAM	18615	1RB#0	3000~20000	-33.17	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.009~0.15	-63.82	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.15~30	-53.28	PASS
Band2	3MHz	QPSK	18900	1RB#0	30~1000	-53.89	PASS
Band2	3MHz	QPSK	18900	1RB#0	1000~3000	-47.38	PASS
Band2	3MHz	QPSK	18900	1RB#0	3000~20000	-33.13	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.009~0.15	-64.03	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.15~30	-54.50	PASS
Band2	3MHz	16QAM	18900	1RB#0	30~1000	-53.85	PASS
Band2	3MHz	16QAM	18900	1RB#0	1000~3000	-46.51	PASS
Band2	3MHz	16QAM	18900	1RB#0	3000~20000	-33.11	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.009~0.15	-64.88	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.15~30	-53.71	PASS
Band2	3MHz	QPSK	19185	1RB#0	30~1000	-53.84	PASS
Band2	3MHz	QPSK	19185	1RB#0	1000~3000	-46.80	PASS
Band2	3MHz	QPSK	19185	1RB#0	3000~20000	-33.03	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.009~0.15	-65.67	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.15~30	-53.66	PASS
Band2	3MHz	16QAM	19185	1RB#0	30~1000	-53.87	PASS
Band2	3MHz	16QAM	19185	1RB#0	1000~3000	-46.96	PASS
Band2	3MHz	16QAM	19185	1RB#0	3000~20000	-33.39	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.009~0.15	-63.96	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.15~30	-54.99	PASS
Band2	5MHz	QPSK	18625	1RB#0	30~1000	-53.72	PASS
Band2	5MHz	QPSK	18625	1RB#0	1000~3000	-47.88	PASS
Band2	5MHz	QPSK	18625	1RB#0	3000~20000	-33.27	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.009~0.15	-63.97	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.15~30	-51.50	PASS
Band2	5MHz	16QAM	18625	1RB#0	30~1000	-53.93	PASS
Band2	5MHz	16QAM	18625	1RB#0	1000~3000	-48.12	PASS
Band2	5MHz	16QAM	18625	1RB#0	3000~20000	-33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.009~0.15	-63.35	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.15~30	-53.77	PASS
Band2	5MHz	QPSK	18900	1RB#0	30~1000	-53.87	PASS
Band2	5MHz	QPSK	18900	1RB#0	1000~3000	-47.95	PASS
Band2	5MHz	QPSK	18900	1RB#0	3000~20000	-32.94	PASS



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Band2	5MHz	16QAM	18900	1RB#0	0.009~0.15	-62.43	PASS
Band2	5MHz	16QAM	18900	1RB#0	0.15~30	-54.82	PASS
Band2	5MHz	16QAM	18900	1RB#0	30~1000	-53.81	PASS
Band2	5MHz	16QAM	18900	1RB#0	1000~3000	-48.15	PASS
Band2	5MHz	16QAM	18900	1RB#0	3000~20000	-33.15	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.009~0.15	-65.31	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.15~30	-54.17	PASS
Band2	5MHz	QPSK	19175	1RB#0	30~1000	-53.86	PASS
Band2	5MHz	QPSK	19175	1RB#0	1000~3000	-47.44	PASS
Band2	5MHz	QPSK	19175	1RB#0	3000~20000	-32.85	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.009~0.15	-64.19	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.15~30	-54.62	PASS
Band2	5MHz	16QAM	19175	1RB#0	30~1000	-53.85	PASS
Band2	5MHz	16QAM	19175	1RB#0	1000~3000	-47.67	PASS
Band2	5MHz	16QAM	19175	1RB#0	3000~20000	-33.42	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.009~0.15	-62.29	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.15~30	-55.05	PASS
Band2	10MHz	QPSK	18650	1RB#0	30~1000	-53.84	PASS
Band2	10MHz	QPSK	18650	1RB#0	1000~3000	-47.74	PASS
Band2	10MHz	QPSK	18650	1RB#0	3000~20000	-33.52	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.009~0.15	-61.01	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.15~30	-53.52	PASS
Band2	10MHz	16QAM	18650	1RB#0	30~1000	-53.86	PASS
Band2	10MHz	16QAM	18650	1RB#0	1000~3000	-47.75	PASS
Band2	10MHz	16QAM	18650	1RB#0	3000~20000	-32.88	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.009~0.15	-63.16	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.15~30	-51.63	PASS
Band2	10MHz	QPSK	18900	1RB#0	30~1000	-53.82	PASS
Band2	10MHz	QPSK	18900	1RB#0	1000~3000	-47.96	PASS
Band2	10MHz	QPSK	18900	1RB#0	3000~20000	-33.50	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.009~0.15	-64.30	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.15~30	-50.59	PASS
Band2	10MHz	16QAM	18900	1RB#0	30~1000	-53.77	PASS
Band2	10MHz	16QAM	18900	1RB#0	1000~3000	-47.52	PASS
Band2	10MHz	16QAM	18900	1RB#0	3000~20000	-33.66	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.009~0.15	-63.56	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.15~30	-52.81	PASS
Band2	10MHz	QPSK	19150	1RB#0	30~1000	-53.83	PASS
Band2	10MHz	QPSK	19150	1RB#0	1000~3000	-47.81	PASS
Band2	10MHz	QPSK	19150	1RB#0	3000~20000	-33.12	PASS



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Band2	10MHz	16QAM	19150	1RB#0	0.009~0.15	-65.73	PASS
Band2	10MHz	16QAM	19150	1RB#0	0.15~30	-54.29	PASS
Band2	10MHz	16QAM	19150	1RB#0	30~1000	-53.82	PASS
Band2	10MHz	16QAM	19150	1RB#0	1000~3000	-47.92	PASS
Band2	10MHz	16QAM	19150	1RB#0	3000~20000	-33.16	PASS
Band2	15MHz	QPSK	18675	1RB#0	0.009~0.15	-62.48	PASS
Band2	15MHz	QPSK	18675	1RB#0	0.15~30	-51.66	PASS
Band2	15MHz	QPSK	18675	1RB#0	30~1000	-53.84	PASS
Band2	15MHz	QPSK	18675	1RB#0	1000~3000	-46.98	PASS
Band2	15MHz	QPSK	18675	1RB#0	3000~20000	-32.85	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.009~0.15	-64.47	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.15~30	-52.02	PASS
Band2	15MHz	16QAM	18675	1RB#0	30~1000	-53.87	PASS
Band2	15MHz	16QAM	18675	1RB#0	1000~3000	-46.79	PASS
Band2	15MHz	16QAM	18675	1RB#0	3000~20000	-33.31	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.009~0.15	-63.80	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.15~30	-54.64	PASS
Band2	15MHz	QPSK	18900	1RB#0	30~1000	-53.80	PASS
Band2	15MHz	QPSK	18900	1RB#0	1000~3000	-48.01	PASS
Band2	15MHz	QPSK	18900	1RB#0	3000~20000	-33.27	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.009~0.15	-62.43	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.15~30	-52.17	PASS
Band2	15MHz	16QAM	18900	1RB#0	30~1000	-53.84	PASS
Band2	15MHz	16QAM	18900	1RB#0	1000~3000	-48.01	PASS
Band2	15MHz	16QAM	18900	1RB#0	3000~20000	-33.36	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.009~0.15	-65.37	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.15~30	-52.44	PASS
Band2	15MHz	QPSK	19125	1RB#0	30~1000	-53.88	PASS
Band2	15MHz	QPSK	19125	1RB#0	1000~3000	-47.66	PASS
Band2	15MHz	QPSK	19125	1RB#0	3000~20000	-33.38	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.009~0.15	-64.28	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.15~30	-52.80	PASS
Band2	15MHz	16QAM	19125	1RB#0	30~1000	-53.87	PASS
Band2	15MHz	16QAM	19125	1RB#0	1000~3000	-47.64	PASS
Band2	15MHz	16QAM	19125	1RB#0	3000~20000	-32.66	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.009~0.15	-63.82	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.15~30	-53.44	PASS
Band2	20MHz	QPSK	18700	1RB#0	30~1000	-53.87	PASS
Band2	20MHz	QPSK	18700	1RB#0	1000~3000	-41.63	PASS
Band2	20MHz	QPSK	18700	1RB#0	3000~20000	-33.04	PASS



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Scan code to check authenticity

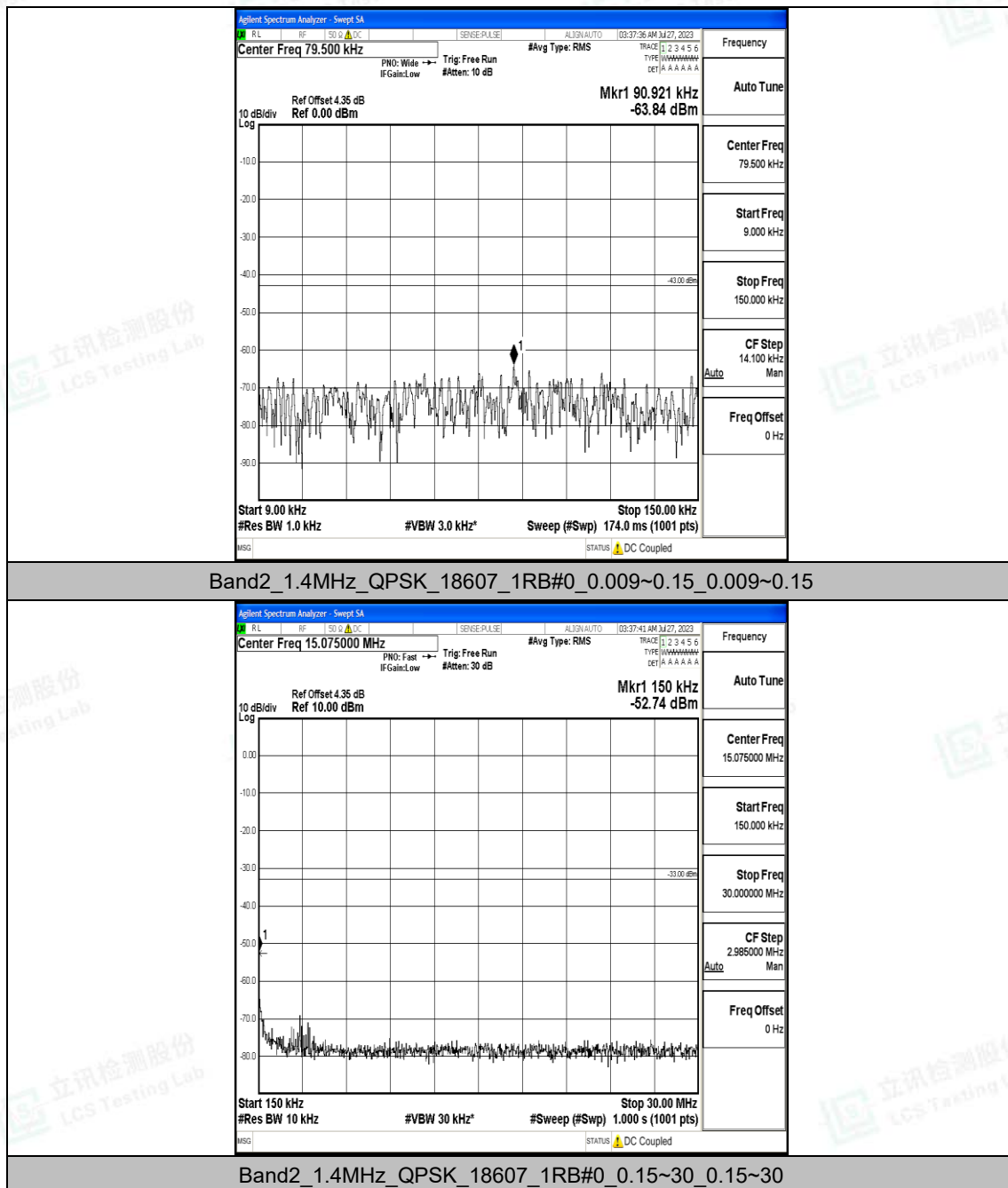


Band2	20MHz	16QAM	18700	1RB#0	0.009~0.15	-64.43	PASS
Band2	20MHz	16QAM	18700	1RB#0	0.15~30	-53.20	PASS
Band2	20MHz	16QAM	18700	1RB#0	30~1000	-53.77	PASS
Band2	20MHz	16QAM	18700	1RB#0	1000~3000	-41.67	PASS
Band2	20MHz	16QAM	18700	1RB#0	3000~20000	-33.13	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.009~0.15	-63.85	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.15~30	-53.13	PASS
Band2	20MHz	QPSK	18900	1RB#0	30~1000	-53.77	PASS
Band2	20MHz	QPSK	18900	1RB#0	1000~3000	-47.65	PASS
Band2	20MHz	QPSK	18900	1RB#0	3000~20000	-33.08	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.009~0.15	-63.41	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.15~30	-53.38	PASS
Band2	20MHz	16QAM	18900	1RB#0	30~1000	-53.86	PASS
Band2	20MHz	16QAM	18900	1RB#0	1000~3000	-48.03	PASS
Band2	20MHz	16QAM	18900	1RB#0	3000~20000	-32.95	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.009~0.15	-64.16	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.15~30	-54.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	30~1000	-53.92	PASS
Band2	20MHz	QPSK	19100	1RB#0	1000~3000	-48.03	PASS
Band2	20MHz	QPSK	19100	1RB#0	3000~20000	-33.15	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.009~0.15	-63.41	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.15~30	-54.14	PASS
Band2	20MHz	16QAM	19100	1RB#0	30~1000	-53.80	PASS
Band2	20MHz	16QAM	19100	1RB#0	1000~3000	-48.10	PASS
Band2	20MHz	16QAM	19100	1RB#0	3000~20000	-33.21	PASS





Test Graphs

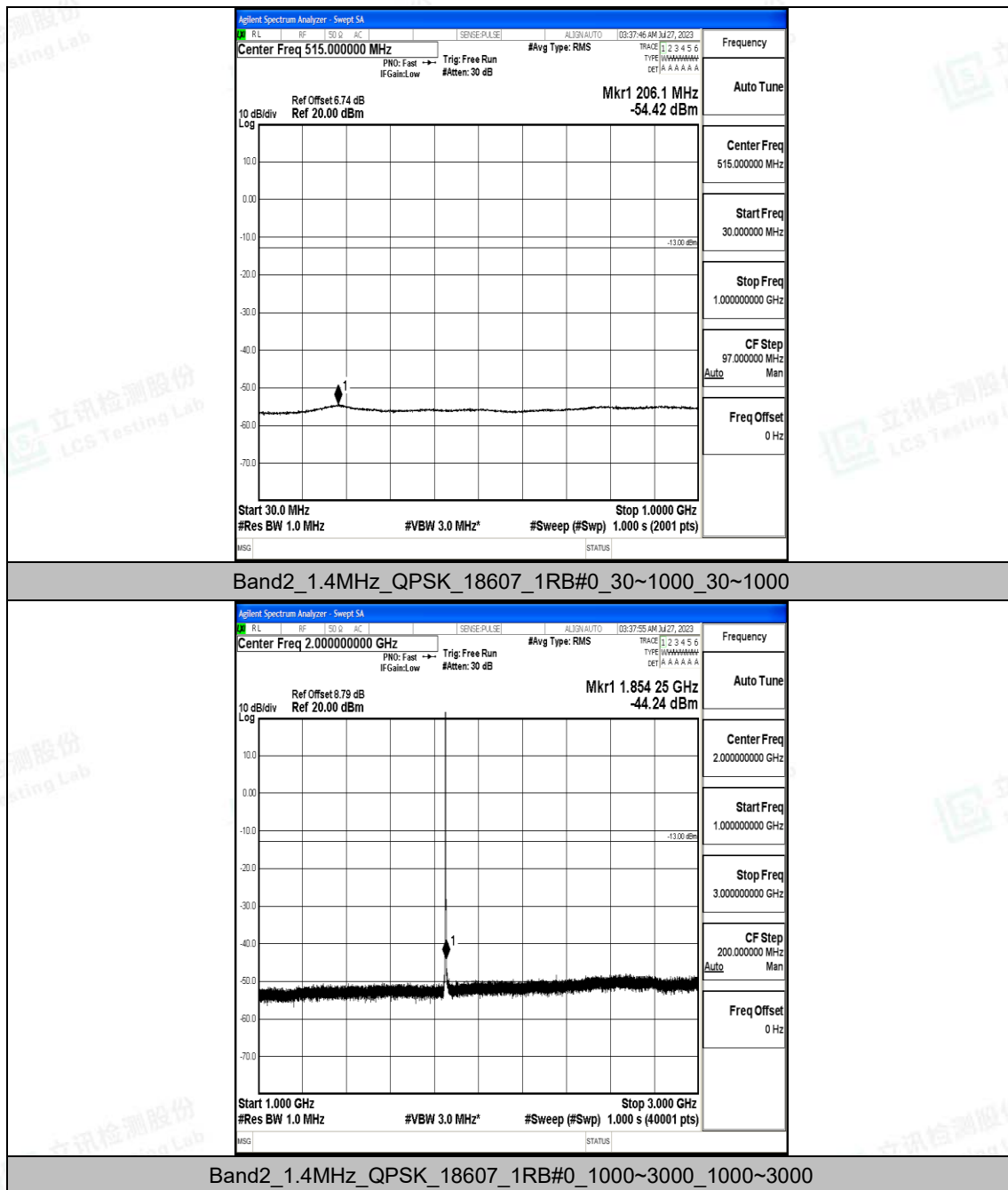


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