



Appendix F: Test Data for E-UTRA Band 2

Product Name: Smartphone

Test Model: NET ALPHA

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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F.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	22.20	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.15	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	22.25	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.18	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.30	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.04	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	22.36	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	21.08	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	22.35	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	21.02	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	22.36	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	21.20	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	21.86	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	20.73	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.54	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.90	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.53	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	21.63	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.52	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	21.69	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.45	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	21.21	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.44	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	21.13	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.42	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	21.14	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.92	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.44	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.10	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.74	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.06	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.70	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.08	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.70	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.20	PASS



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Band2	1.4MHz	16QAM	19193	3RB#0	22.01	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	23.08	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	22.08	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.09	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.02	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.68	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.12	PASS
Band2	3MHz	QPSK	18615	1RB#0	22.20	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.42	PASS
Band2	3MHz	QPSK	18615	1RB#8	22.23	PASS
Band2	3MHz	16QAM	18615	1RB#8	21.42	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.17	PASS
Band2	3MHz	16QAM	18615	1RB#14	21.31	PASS
Band2	3MHz	QPSK	18615	8RB#0	21.88	PASS
Band2	3MHz	16QAM	18615	8RB#0	20.53	PASS
Band2	3MHz	QPSK	18615	8RB#4	21.87	PASS
Band2	3MHz	16QAM	18615	8RB#4	20.58	PASS
Band2	3MHz	QPSK	18615	8RB#7	21.72	PASS
Band2	3MHz	16QAM	18615	8RB#7	20.51	PASS
Band2	3MHz	QPSK	18615	15RB#0	21.81	PASS
Band2	3MHz	16QAM	18615	15RB#0	20.46	PASS
Band2	3MHz	QPSK	18900	1RB#0	22.41	PASS
Band2	3MHz	16QAM	18900	1RB#0	20.98	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.39	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.40	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.02	PASS
Band2	3MHz	QPSK	18900	8RB#0	21.86	PASS
Band2	3MHz	16QAM	18900	8RB#0	20.58	PASS
Band2	3MHz	QPSK	18900	8RB#4	21.97	PASS
Band2	3MHz	16QAM	18900	8RB#4	20.50	PASS
Band2	3MHz	QPSK	18900	8RB#7	21.86	PASS
Band2	3MHz	16QAM	18900	8RB#7	20.49	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.97	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.47	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.93	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.62	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.08	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.09	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.05	PASS



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Band2	3MHz	16QAM	19185	1RB#14	22.09	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.44	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.13	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.46	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.12	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.69	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.40	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.66	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.12	PASS
Band2	5MHz	QPSK	18625	1RB#0	22.33	PASS
Band2	5MHz	16QAM	18625	1RB#0	20.75	PASS
Band2	5MHz	QPSK	18625	1RB#12	22.27	PASS
Band2	5MHz	16QAM	18625	1RB#12	20.70	PASS
Band2	5MHz	QPSK	18625	1RB#24	22.24	PASS
Band2	5MHz	16QAM	18625	1RB#24	20.72	PASS
Band2	5MHz	QPSK	18625	12RB#0	21.89	PASS
Band2	5MHz	16QAM	18625	12RB#0	20.41	PASS
Band2	5MHz	QPSK	18625	12RB#6	21.90	PASS
Band2	5MHz	16QAM	18625	12RB#6	20.45	PASS
Band2	5MHz	QPSK	18625	12RB#13	21.90	PASS
Band2	5MHz	16QAM	18625	12RB#13	20.40	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.75	PASS
Band2	5MHz	16QAM	18625	25RB#0	20.51	PASS
Band2	5MHz	QPSK	18900	1RB#0	22.39	PASS
Band2	5MHz	16QAM	18900	1RB#0	20.84	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.34	PASS
Band2	5MHz	16QAM	18900	1RB#12	20.78	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.30	PASS
Band2	5MHz	16QAM	18900	1RB#24	20.78	PASS
Band2	5MHz	QPSK	18900	12RB#0	21.85	PASS
Band2	5MHz	16QAM	18900	12RB#0	20.42	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.00	PASS
Band2	5MHz	16QAM	18900	12RB#6	20.42	PASS
Band2	5MHz	QPSK	18900	12RB#13	21.83	PASS
Band2	5MHz	16QAM	18900	12RB#13	20.40	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.85	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.62	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.74	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.11	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.87	PASS



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Band2	5MHz	16QAM	19175	1RB#12	22.25	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.04	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.44	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.51	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.14	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.53	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.06	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.80	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.21	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.49	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.17	PASS
Band2	10MHz	QPSK	18650	1RB#0	22.30	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.49	PASS
Band2	10MHz	QPSK	18650	1RB#24	22.23	PASS
Band2	10MHz	16QAM	18650	1RB#24	21.37	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.25	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.42	PASS
Band2	10MHz	QPSK	18650	25RB#0	21.82	PASS
Band2	10MHz	16QAM	18650	25RB#0	20.34	PASS
Band2	10MHz	QPSK	18650	25RB#12	21.83	PASS
Band2	10MHz	16QAM	18650	25RB#12	20.34	PASS
Band2	10MHz	QPSK	18650	25RB#25	21.84	PASS
Band2	10MHz	16QAM	18650	25RB#25	20.38	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.94	PASS
Band2	10MHz	16QAM	18650	50RB#0	20.40	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.43	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.56	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.31	PASS
Band2	10MHz	16QAM	18900	1RB#24	21.53	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.34	PASS
Band2	10MHz	16QAM	18900	1RB#49	21.51	PASS
Band2	10MHz	QPSK	18900	25RB#0	21.95	PASS
Band2	10MHz	16QAM	18900	25RB#0	20.47	PASS
Band2	10MHz	QPSK	18900	25RB#12	21.95	PASS
Band2	10MHz	16QAM	18900	25RB#12	20.47	PASS
Band2	10MHz	QPSK	18900	25RB#25	21.91	PASS
Band2	10MHz	16QAM	18900	25RB#25	20.54	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.95	PASS
Band2	10MHz	16QAM	18900	50RB#0	20.45	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.42	PASS



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Band2	10MHz	16QAM	19150	1RB#0	21.44	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.76	PASS
Band2	10MHz	16QAM	19150	1RB#24	21.86	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.01	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.15	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.10	PASS
Band2	10MHz	16QAM	19150	25RB#0	20.84	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.13	PASS
Band2	10MHz	16QAM	19150	25RB#12	20.85	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.55	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.20	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.43	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.91	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.35	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.52	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.27	PASS
Band2	15MHz	16QAM	18675	1RB#38	21.37	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.34	PASS
Band2	15MHz	16QAM	18675	1RB#74	21.49	PASS
Band2	15MHz	QPSK	18675	38RB#0	21.82	PASS
Band2	15MHz	16QAM	18675	38RB#0	21.82	PASS
Band2	15MHz	QPSK	18675	38RB#18	21.82	PASS
Band2	15MHz	16QAM	18675	38RB#18	21.81	PASS
Band2	15MHz	QPSK	18675	38RB#37	21.81	PASS
Band2	15MHz	16QAM	18675	38RB#37	21.82	PASS
Band2	15MHz	QPSK	18675	75RB#0	21.81	PASS
Band2	15MHz	16QAM	18675	75RB#0	20.42	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.44	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.46	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.35	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.45	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.35	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.40	PASS
Band2	15MHz	QPSK	18900	38RB#0	22.02	PASS
Band2	15MHz	16QAM	18900	38RB#0	21.91	PASS
Band2	15MHz	QPSK	18900	38RB#18	21.91	PASS
Band2	15MHz	16QAM	18900	38RB#18	21.91	PASS
Band2	15MHz	QPSK	18900	38RB#37	21.91	PASS
Band2	15MHz	16QAM	18900	38RB#37	21.90	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.91	PASS



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Band2	15MHz	16QAM	18900	75RB#0	20.48	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.20	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.36	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.45	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.73	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.96	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.24	PASS
Band2	15MHz	QPSK	19125	38RB#0	22.08	PASS
Band2	15MHz	16QAM	19125	38RB#0	22.09	PASS
Band2	15MHz	QPSK	19125	38RB#18	22.09	PASS
Band2	15MHz	16QAM	19125	38RB#18	22.10	PASS
Band2	15MHz	QPSK	19125	38RB#37	22.10	PASS
Band2	15MHz	16QAM	19125	38RB#37	22.10	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.10	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.65	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.57	PASS
Band2	20MHz	16QAM	18700	1RB#0	21.32	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.52	PASS
Band2	20MHz	16QAM	18700	1RB#49	21.27	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.56	PASS
Band2	20MHz	16QAM	18700	1RB#99	21.14	PASS
Band2	20MHz	QPSK	18700	50RB#0	21.81	PASS
Band2	20MHz	16QAM	18700	50RB#0	20.49	PASS
Band2	20MHz	QPSK	18700	50RB#25	21.93	PASS
Band2	20MHz	16QAM	18700	50RB#25	20.50	PASS
Band2	20MHz	QPSK	18700	50RB#50	21.92	PASS
Band2	20MHz	16QAM	18700	50RB#50	20.56	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.82	PASS
Band2	20MHz	16QAM	18700	100RB#0	20.54	PASS
Band2	20MHz	QPSK	18900	1RB#0	22.63	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.25	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.56	PASS
Band2	20MHz	16QAM	18900	1RB#49	21.29	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.56	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.21	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.05	PASS
Band2	20MHz	16QAM	18900	50RB#0	20.61	PASS
Band2	20MHz	QPSK	18900	50RB#25	21.94	PASS
Band2	20MHz	16QAM	18900	50RB#25	20.61	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.82	PASS



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Band2	20MHz	16QAM	18900	50RB#50	20.50	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.85	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.55	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.52	PASS
Band2	20MHz	16QAM	19100	1RB#0	21.76	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.58	PASS
Band2	20MHz	16QAM	19100	1RB#49	21.68	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.38	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.53	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.78	PASS
Band2	20MHz	16QAM	19100	50RB#0	20.42	PASS
Band2	20MHz	QPSK	19100	50RB#25	21.83	PASS
Band2	20MHz	16QAM	19100	50RB#25	20.46	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.28	PASS
Band2	20MHz	16QAM	19100	50RB#50	20.86	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.82	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.45	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	4.78	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.76	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	4.68	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	5.65	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.08	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.27	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	4.85	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.82	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	4.78	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	5.89	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	4.22	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.34	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.90	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.78	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.64	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	5.69	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.29	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	5.35	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	4.99	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	5.92	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	4.72	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	5.72	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	4.36	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	5.42	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.38	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.09	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.08	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	5.89	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	4.76	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	5.64	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.26	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.16	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.17	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.97	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.01	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.83	13	PASS



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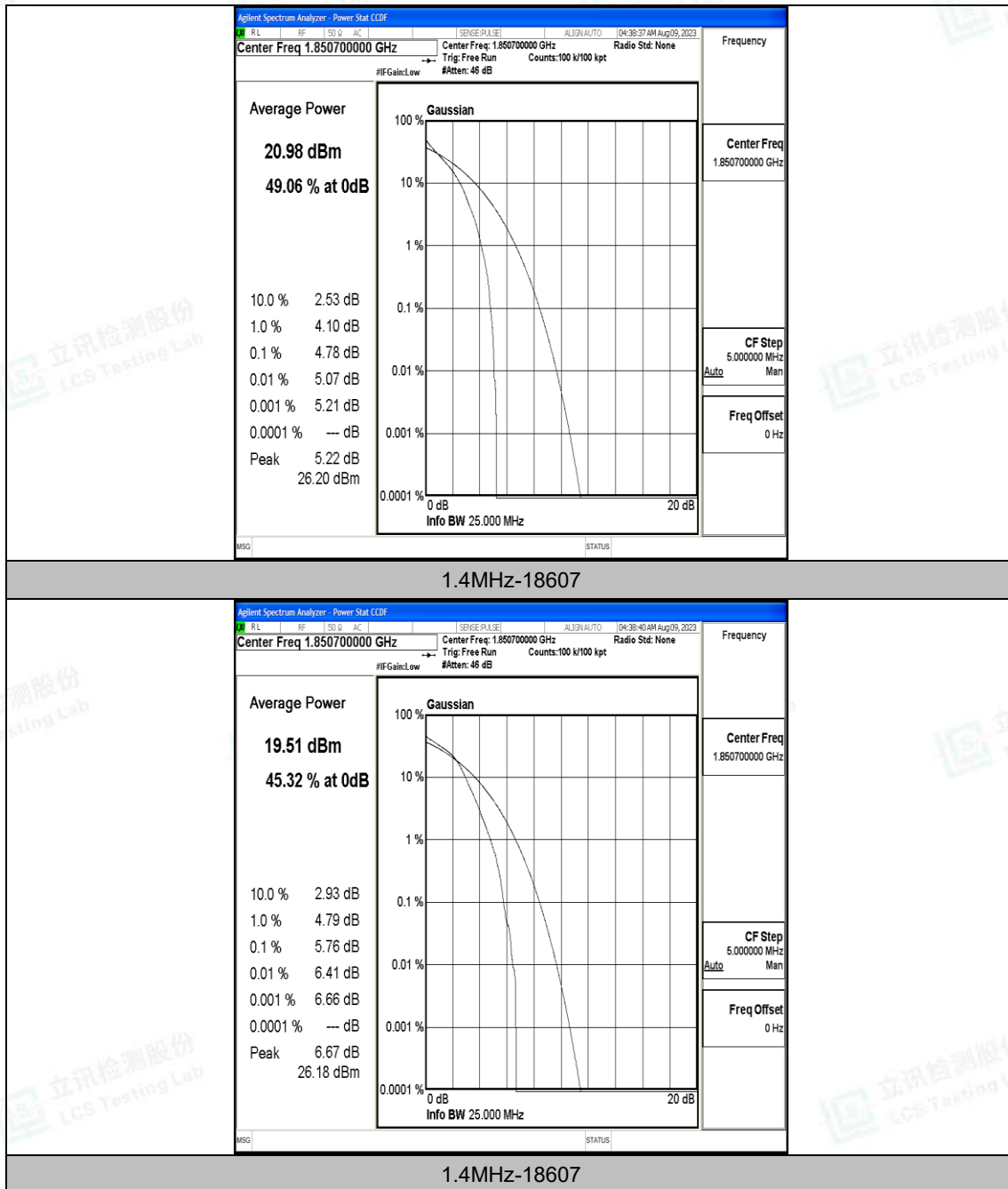
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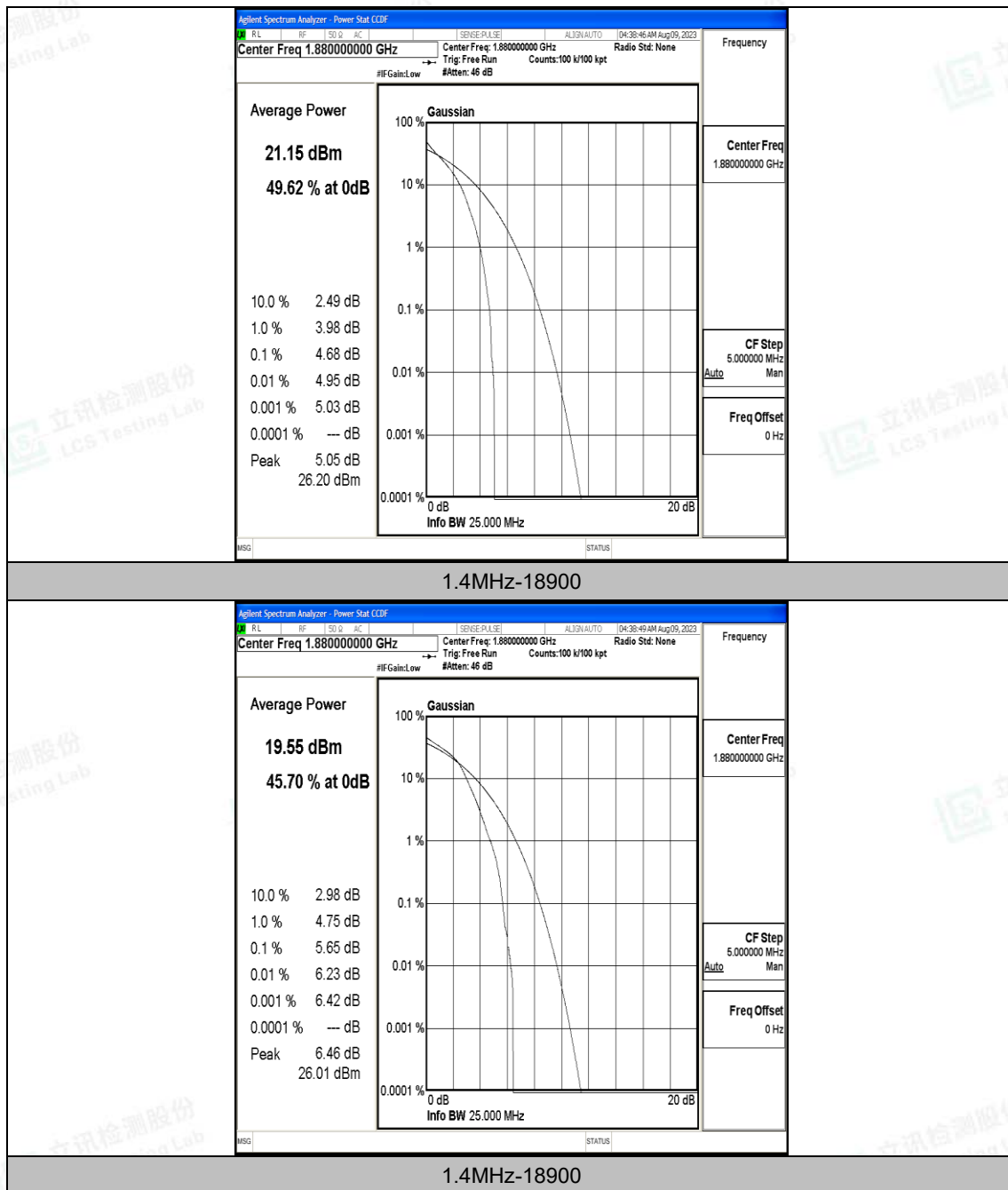
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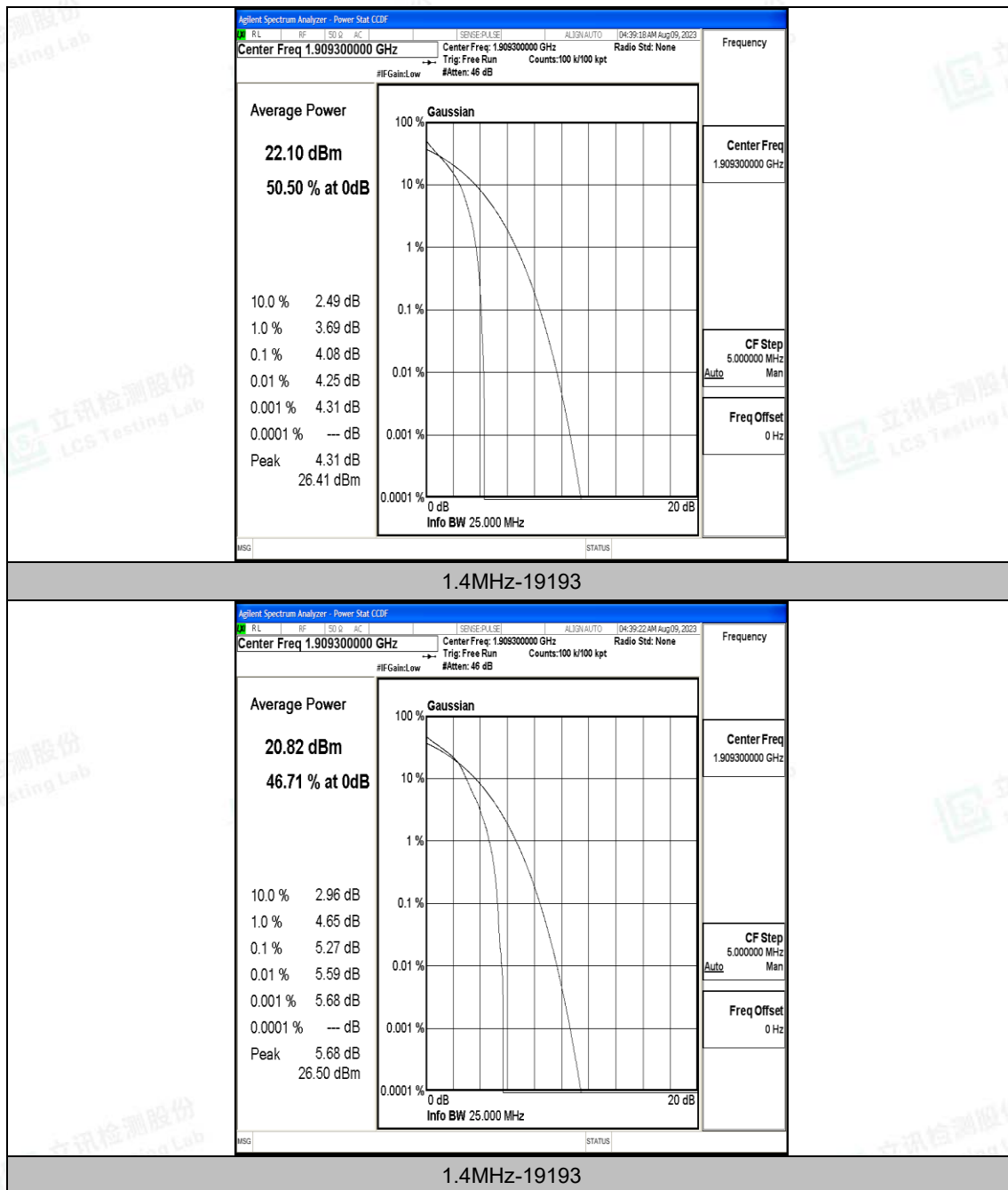
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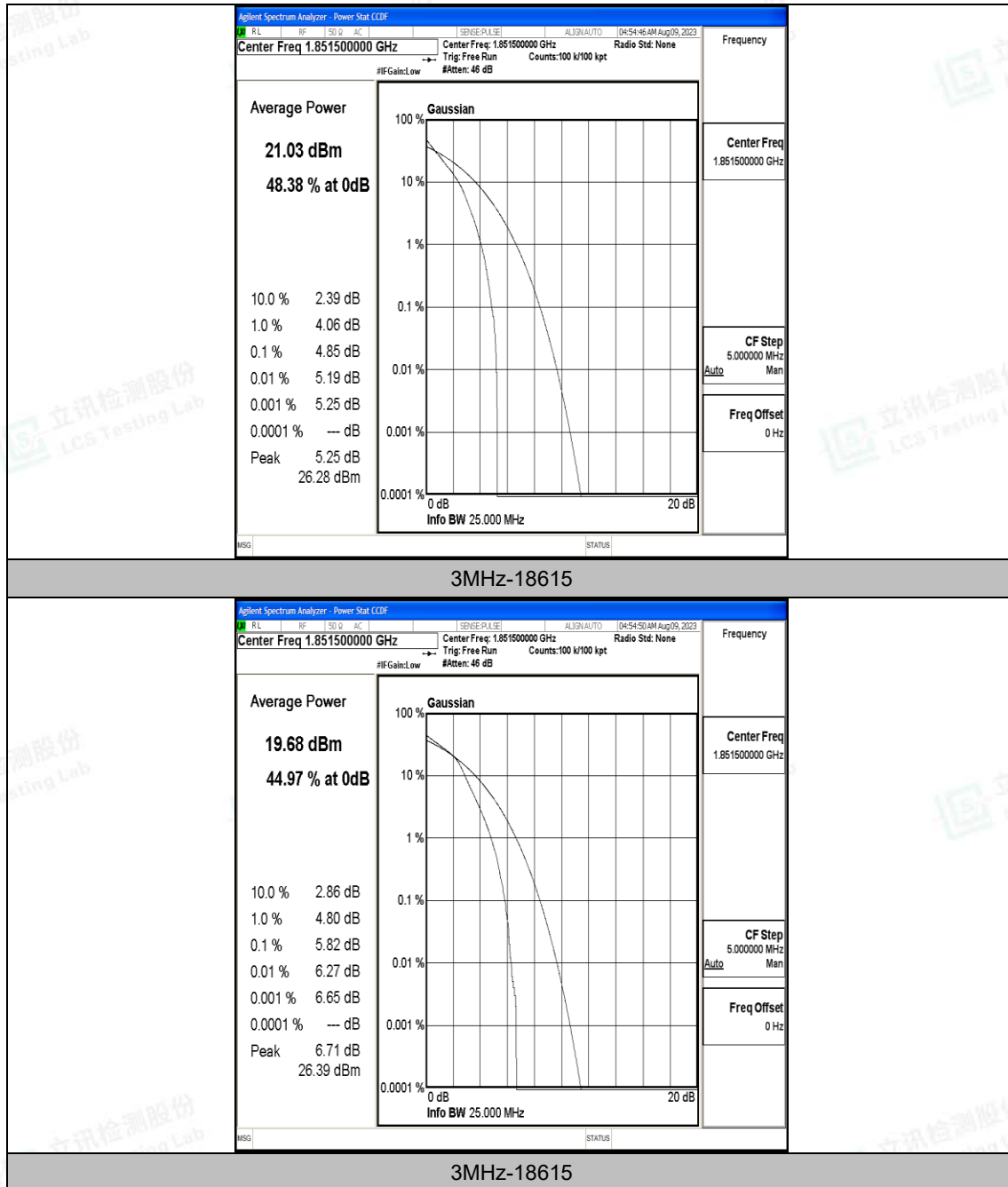


Test Graphs







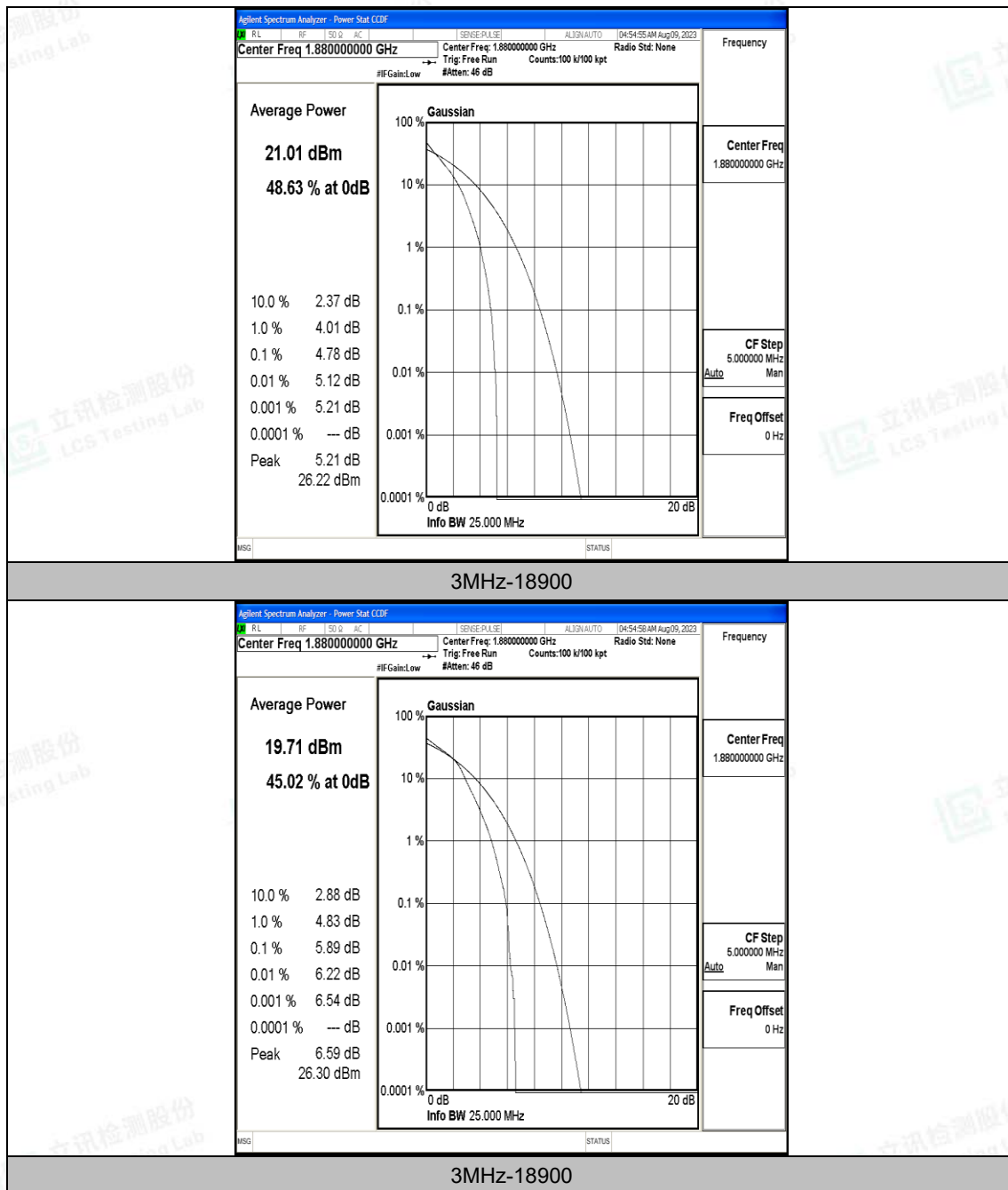


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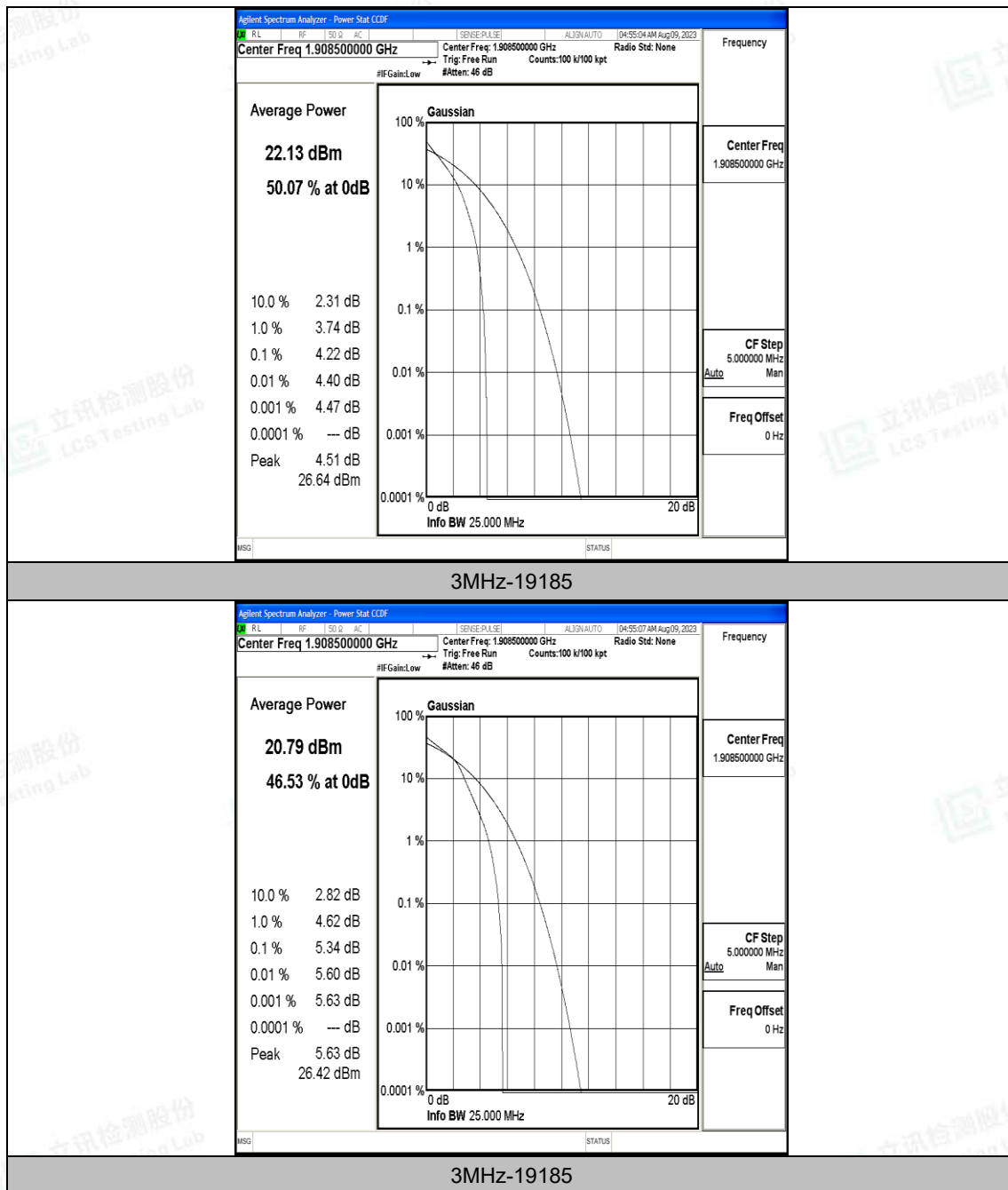


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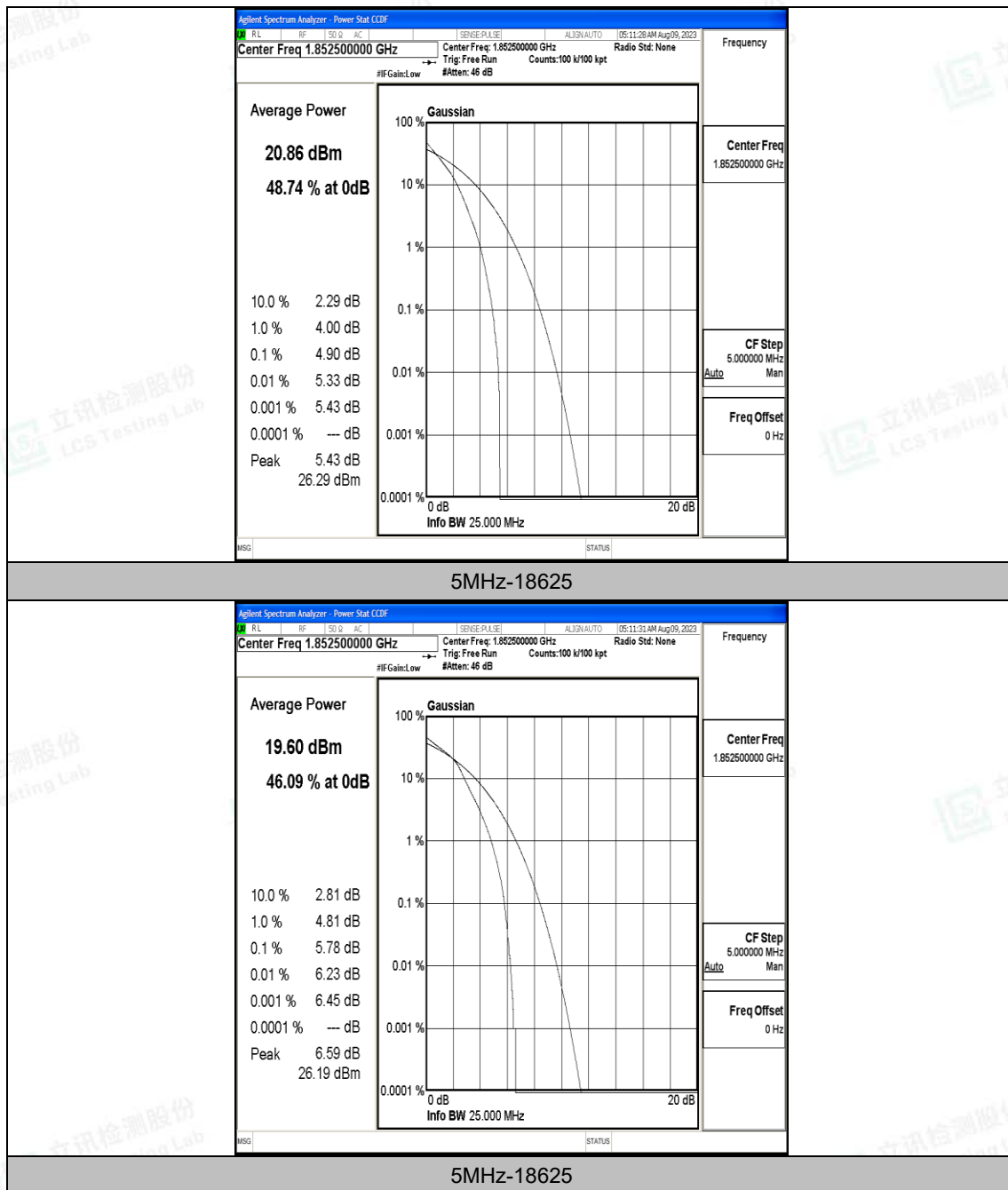


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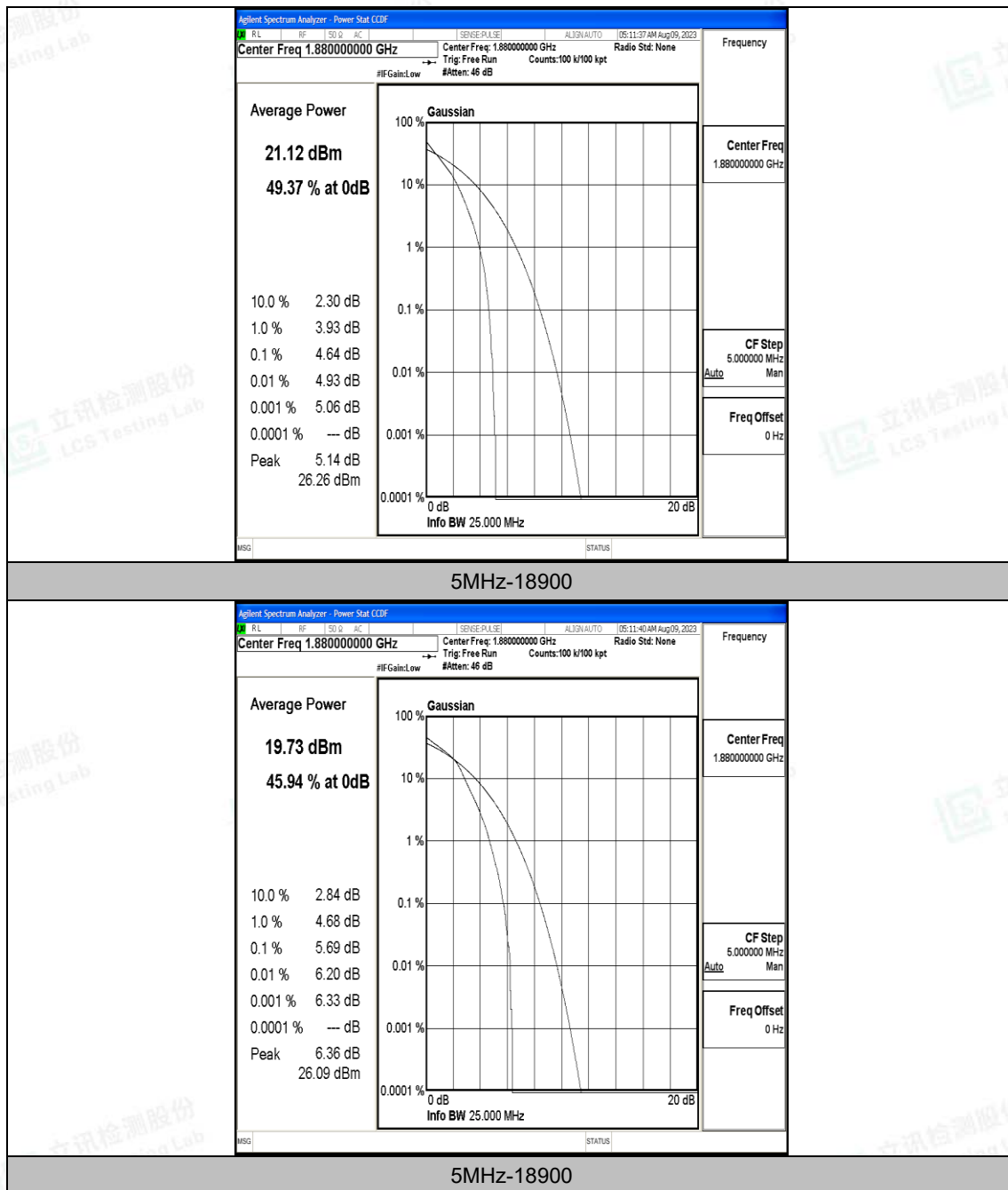


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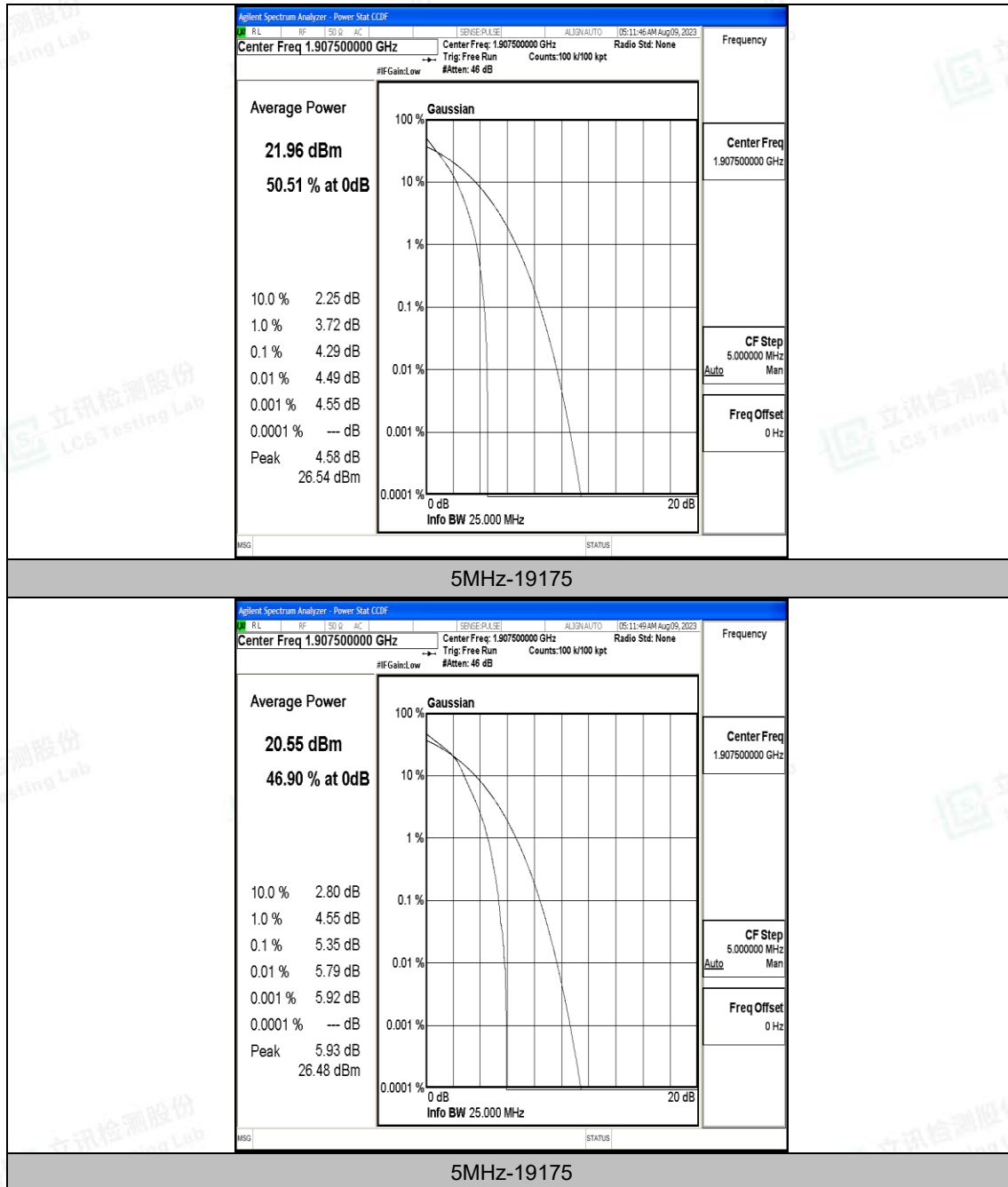


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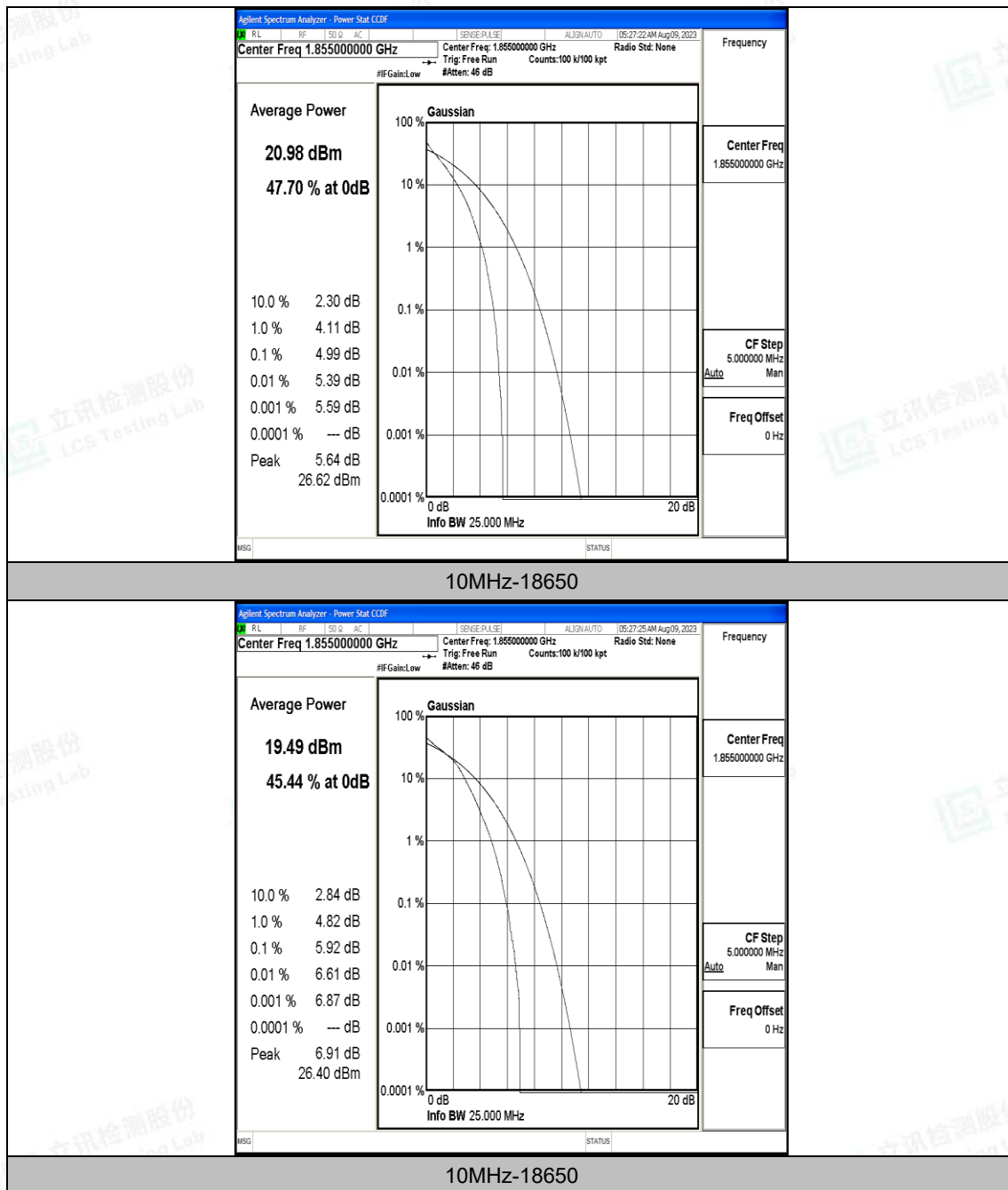


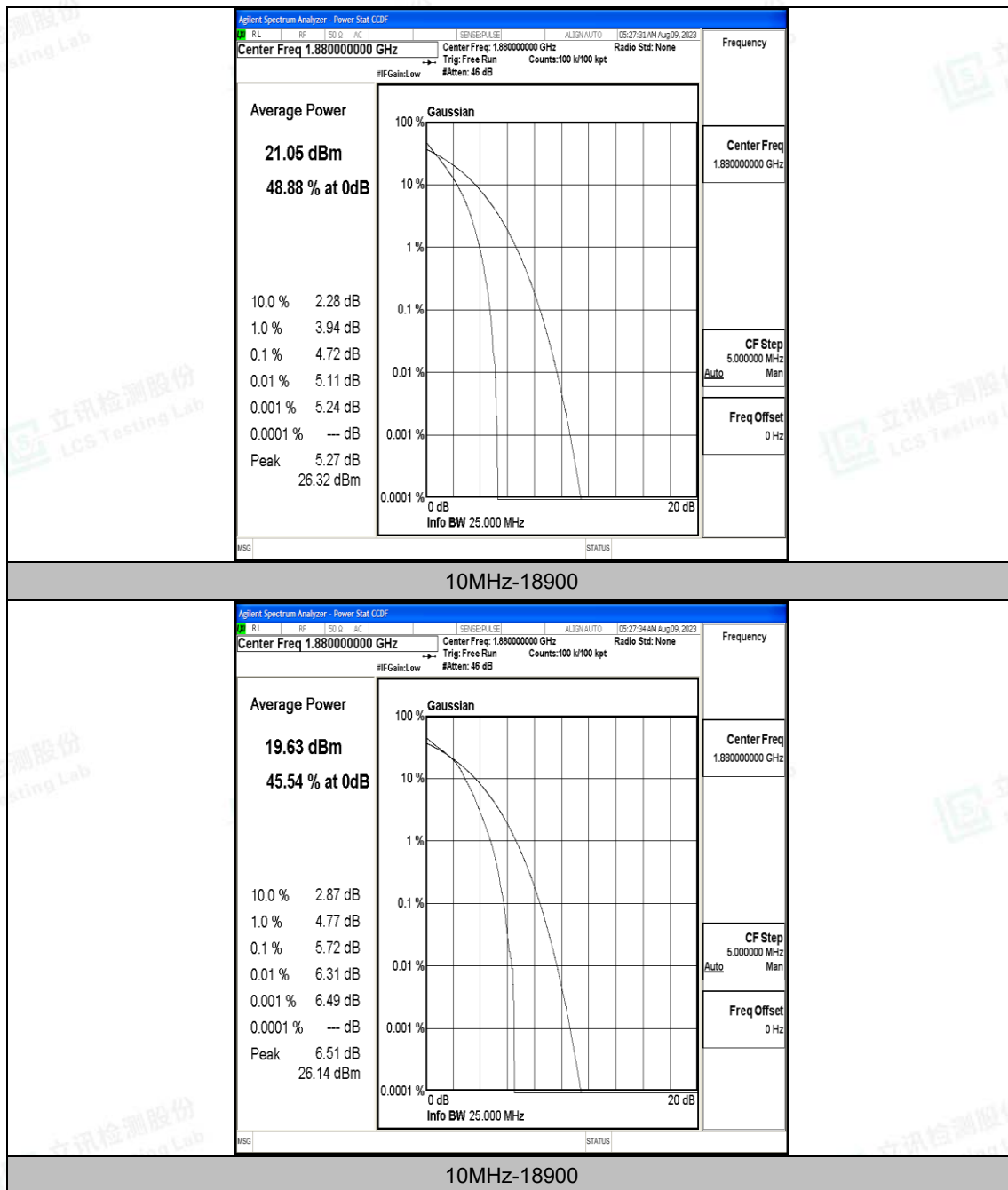
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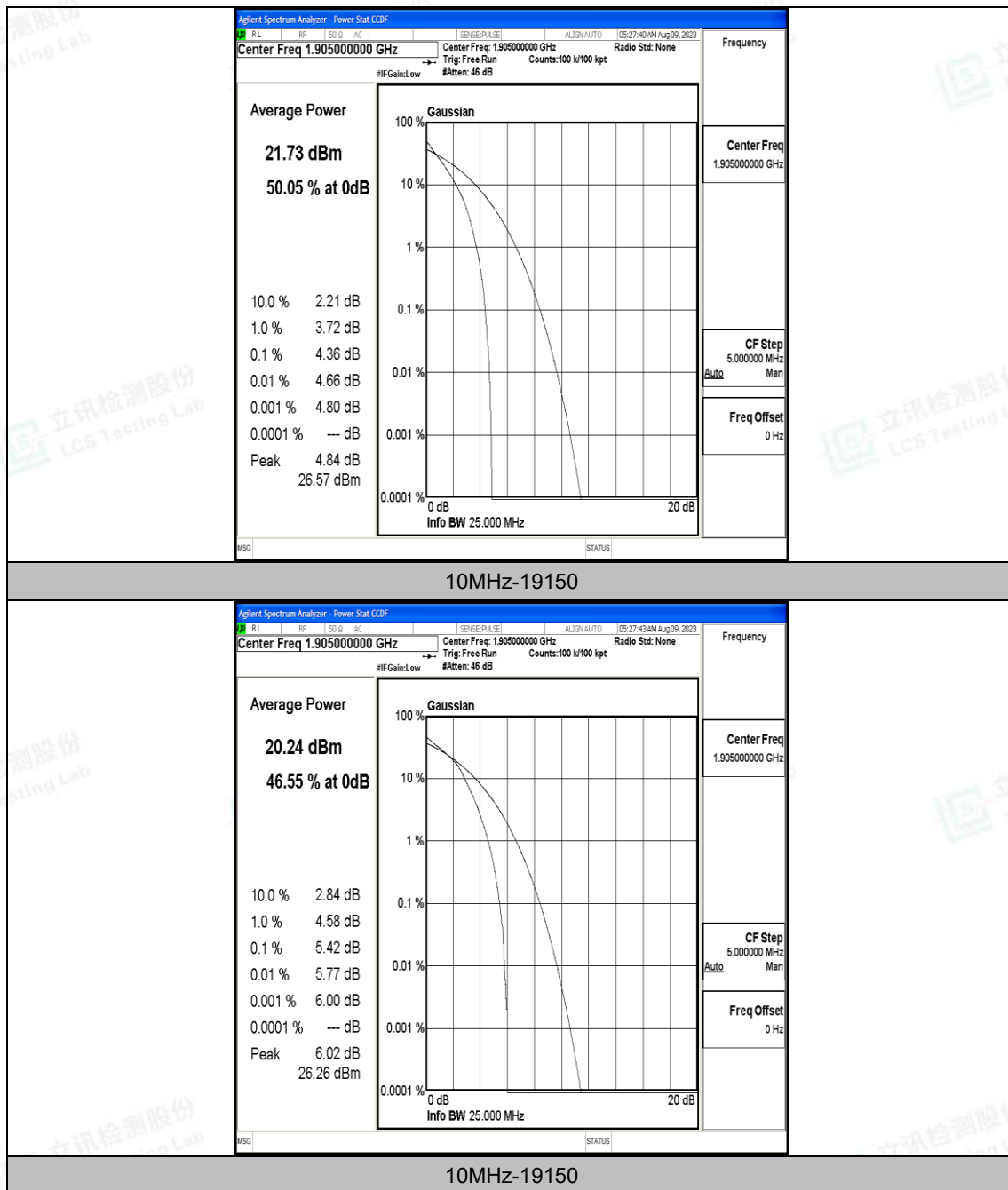


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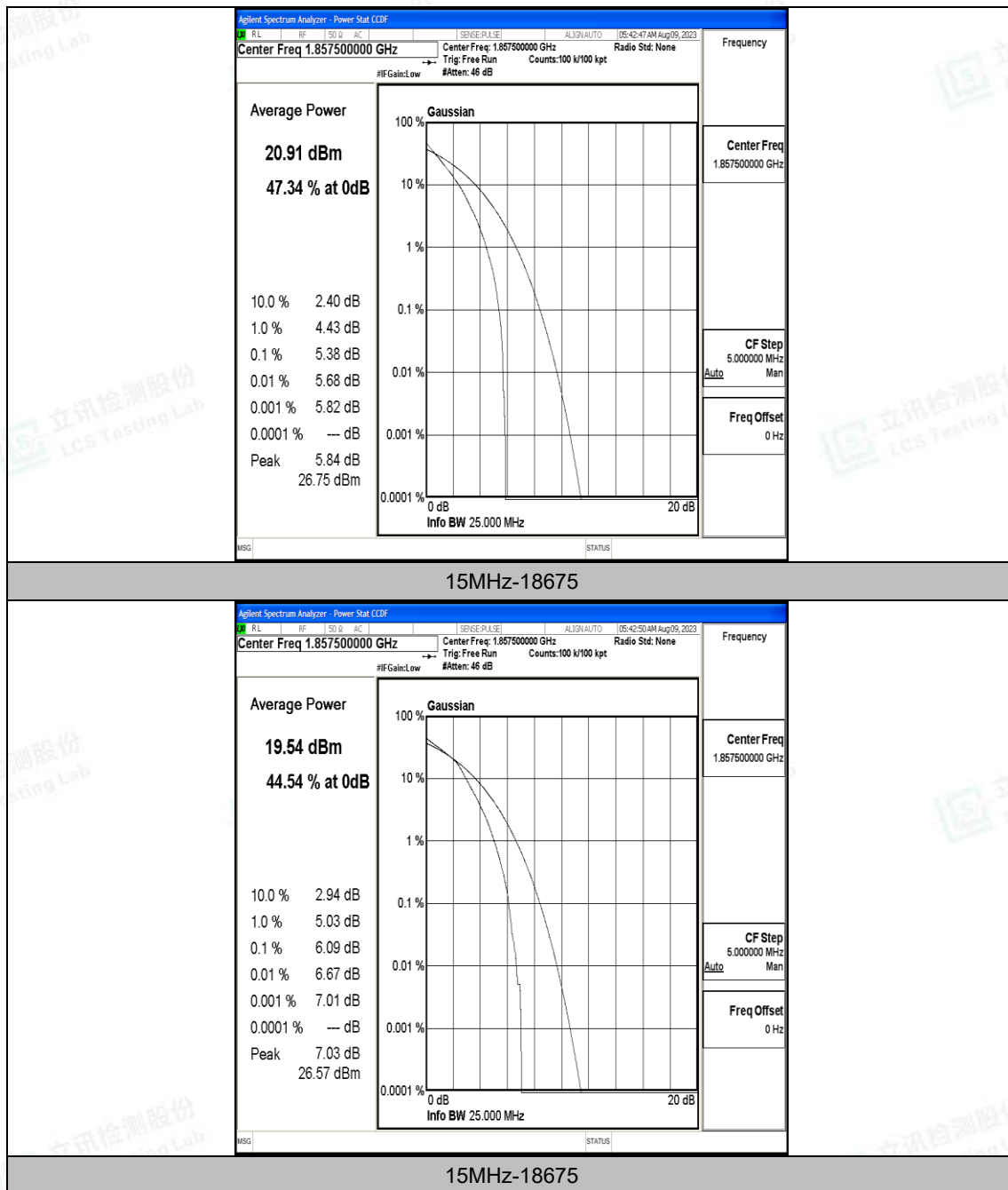


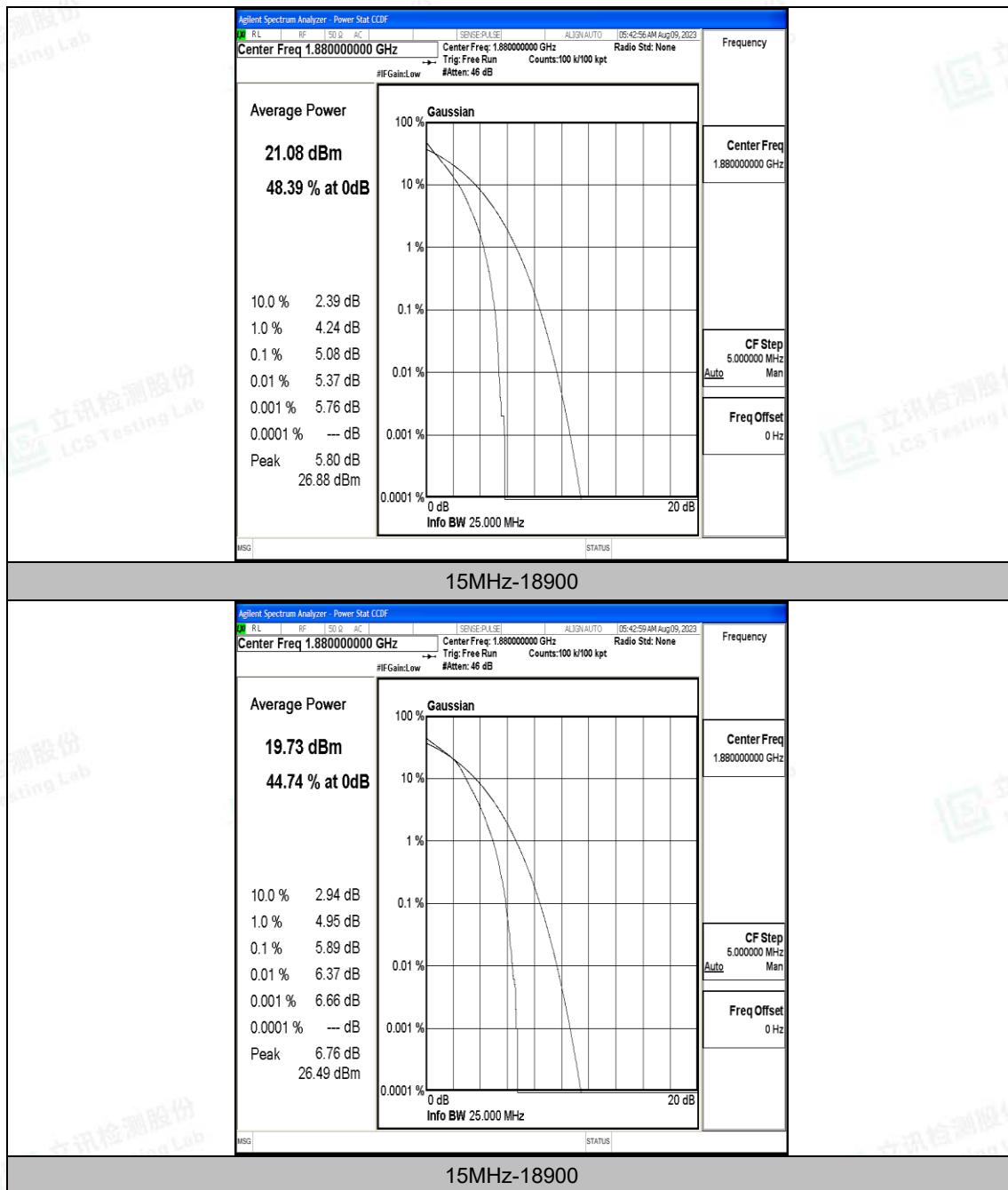
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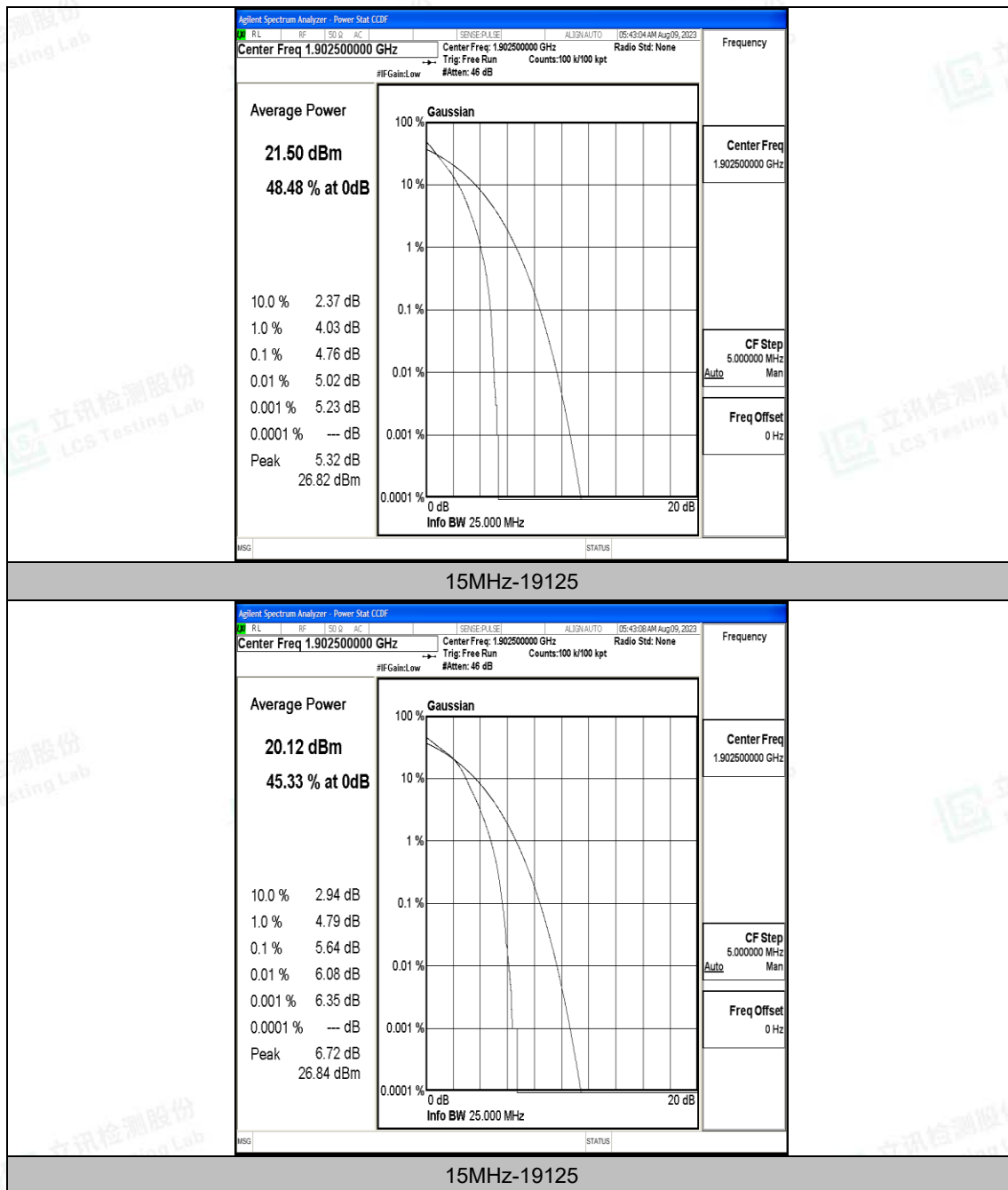


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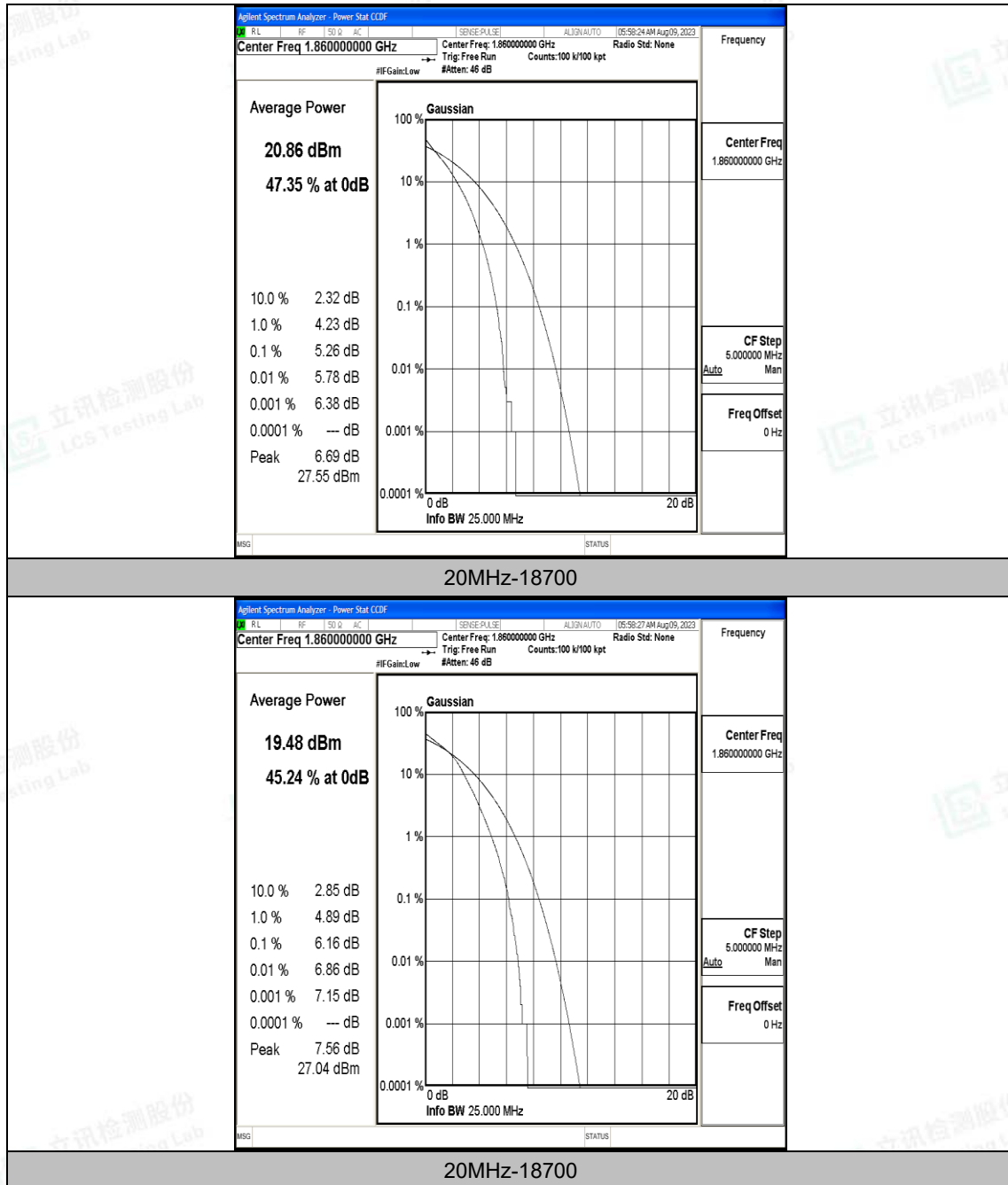


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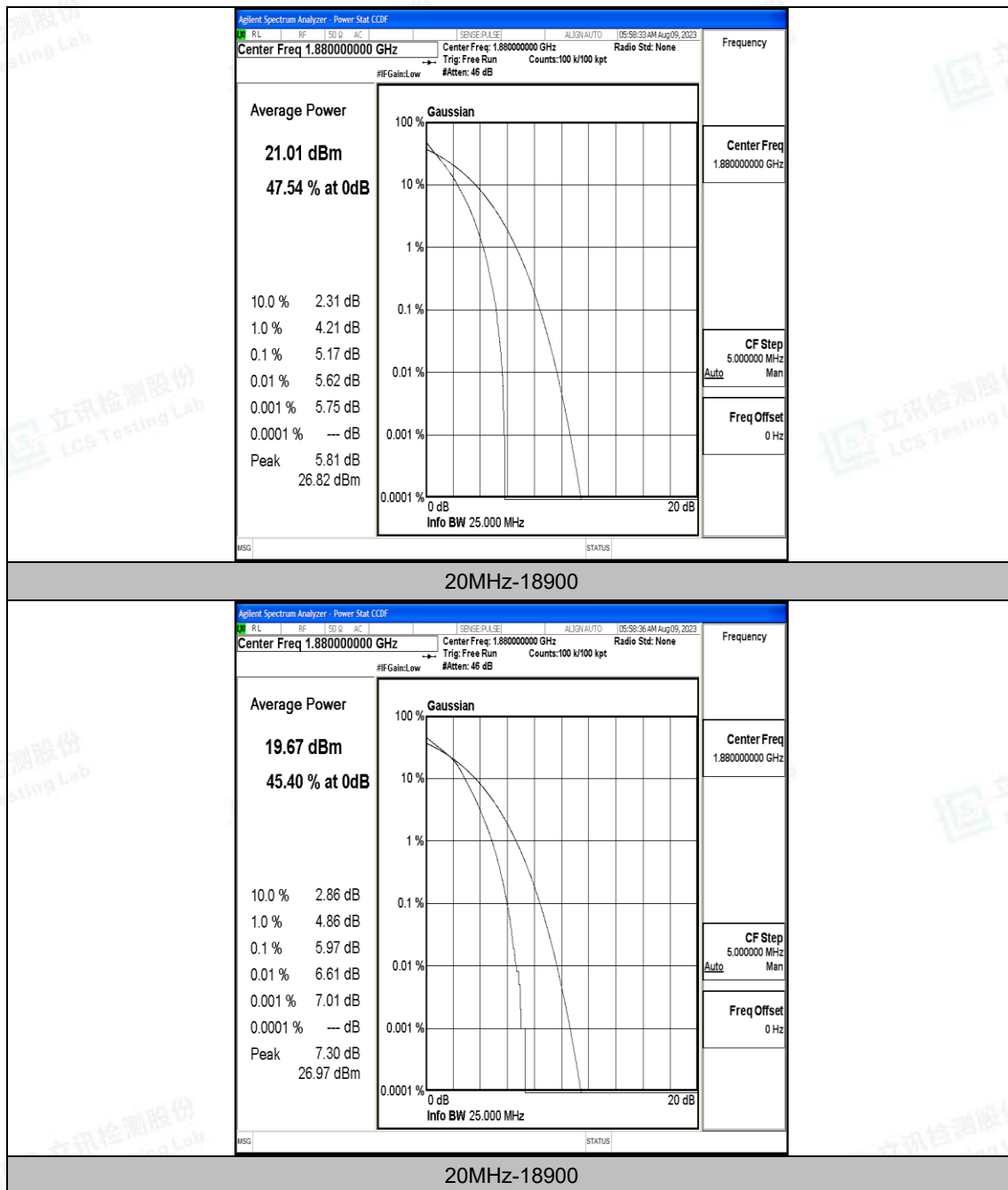


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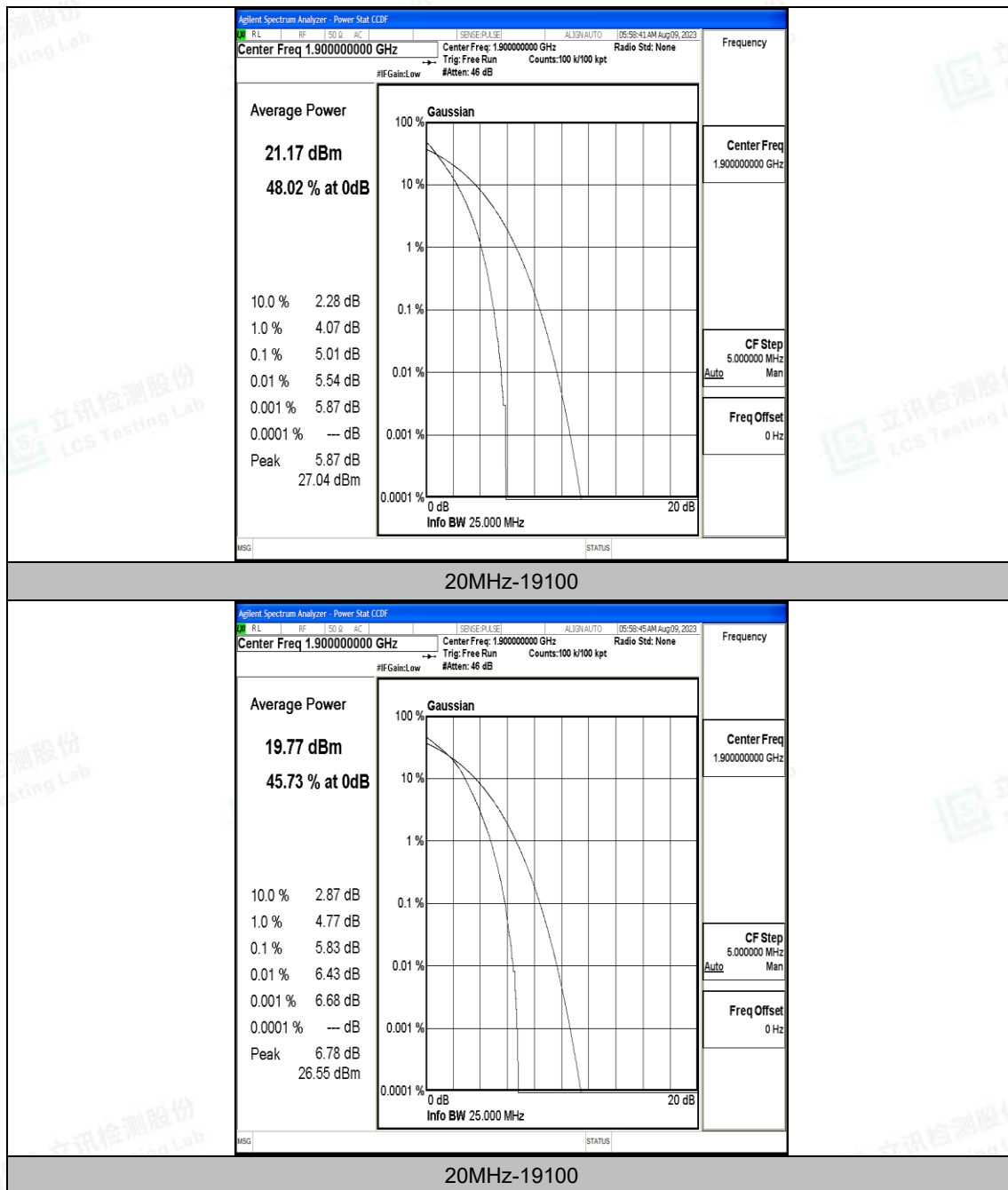


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F.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0954	1.254	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1000	1.255	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0992	1.248	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1047	1.252	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0934	1.246	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1078	1.249	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7089	3.010	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7052	3.035	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7180	3.034	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7004	3.023	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7136	3.041	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7034	3.028	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5228	4.959	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5016	5.000	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5261	4.996	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5029	4.972	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5297	4.970	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5032	4.953	PASS
Band2	10MHz	QPSK	18650	50RB#0	9.0087	9.930	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9858	9.946	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0078	9.896	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9858	9.940	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9980	9.902	PASS
Band2	10MHz	16QAM	19150	50RB#0	9.0037	9.972	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.500	15.02	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.501	14.87	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.526	15.01	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.503	14.94	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.486	14.93	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.510	14.95	PASS
Band2	20MHz	QPSK	18700	100RB#0	18.009	19.72	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.968	19.80	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.037	19.69	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.994	19.71	PASS



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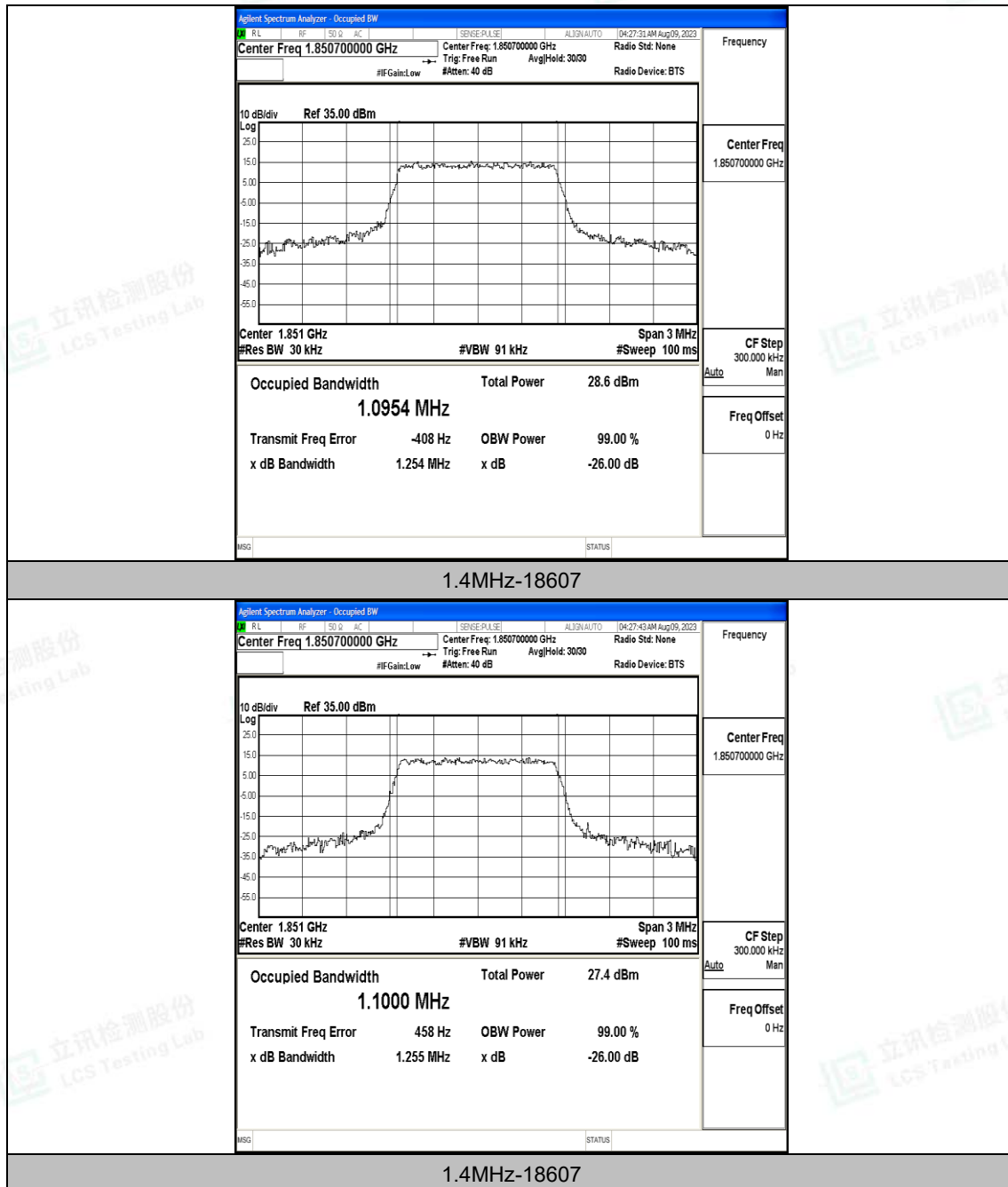


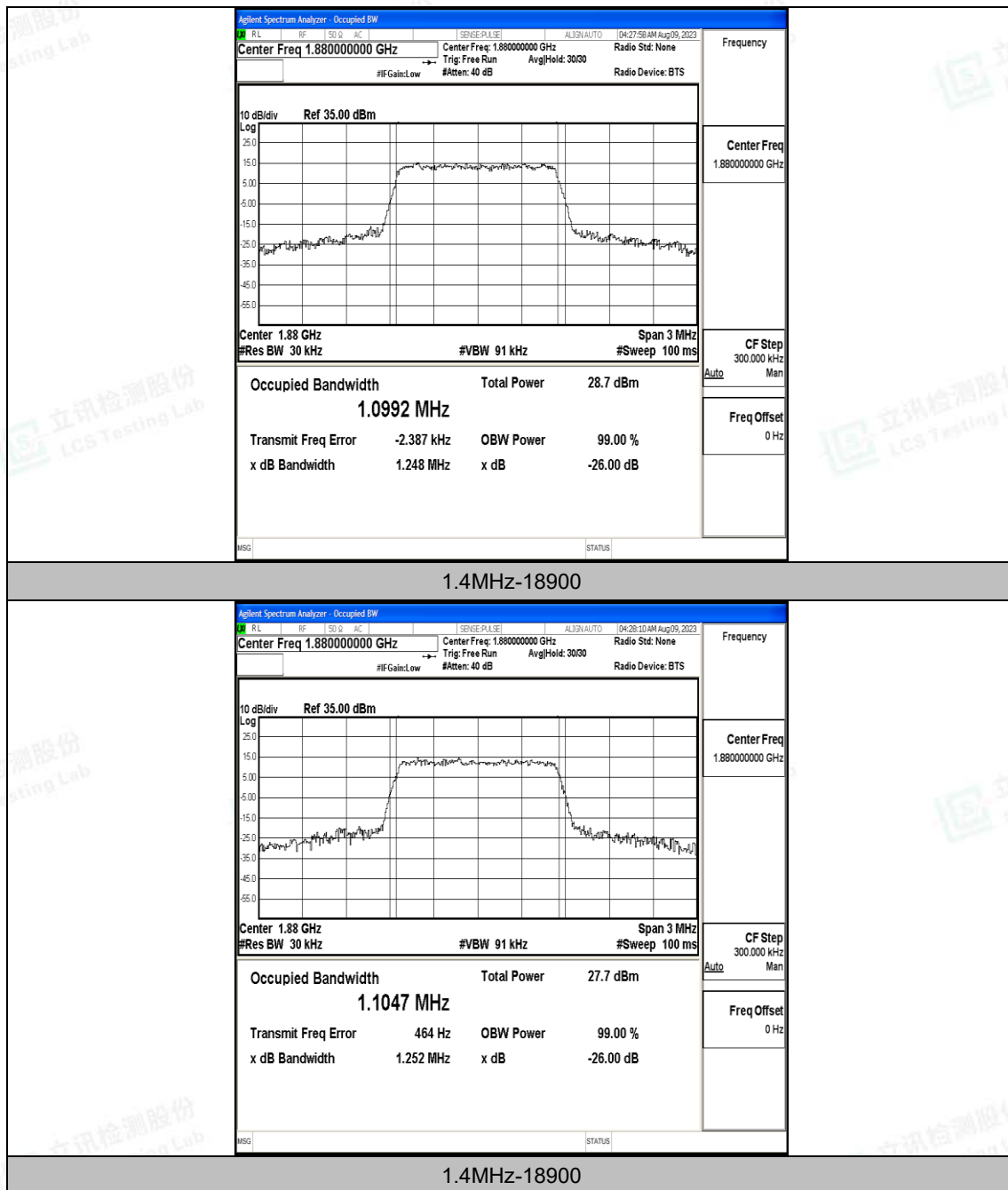
Band2	20MHz	QPSK	19100	100RB#0	18.008	19.77	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.971	19.84	PASS





Test Graphs



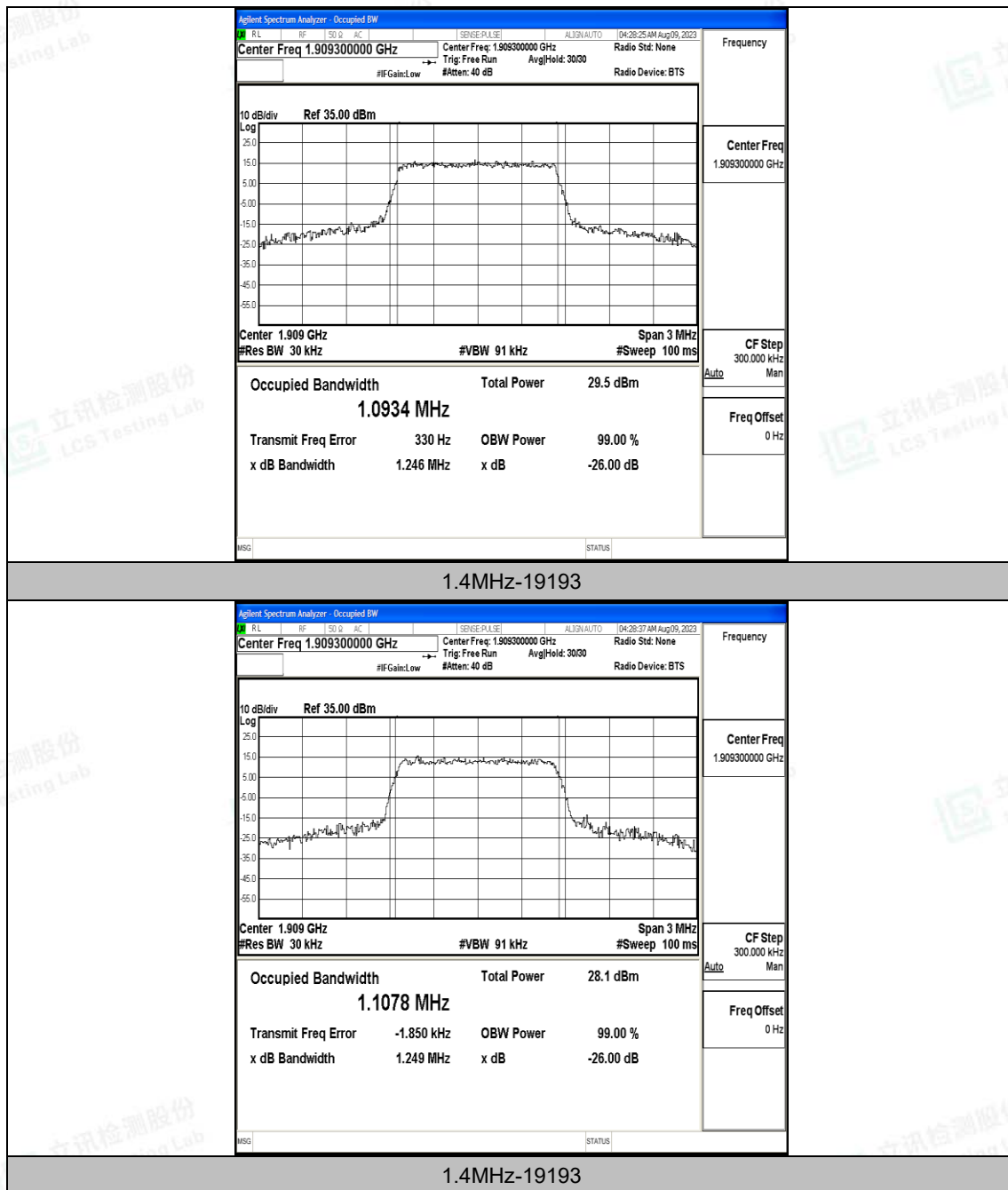


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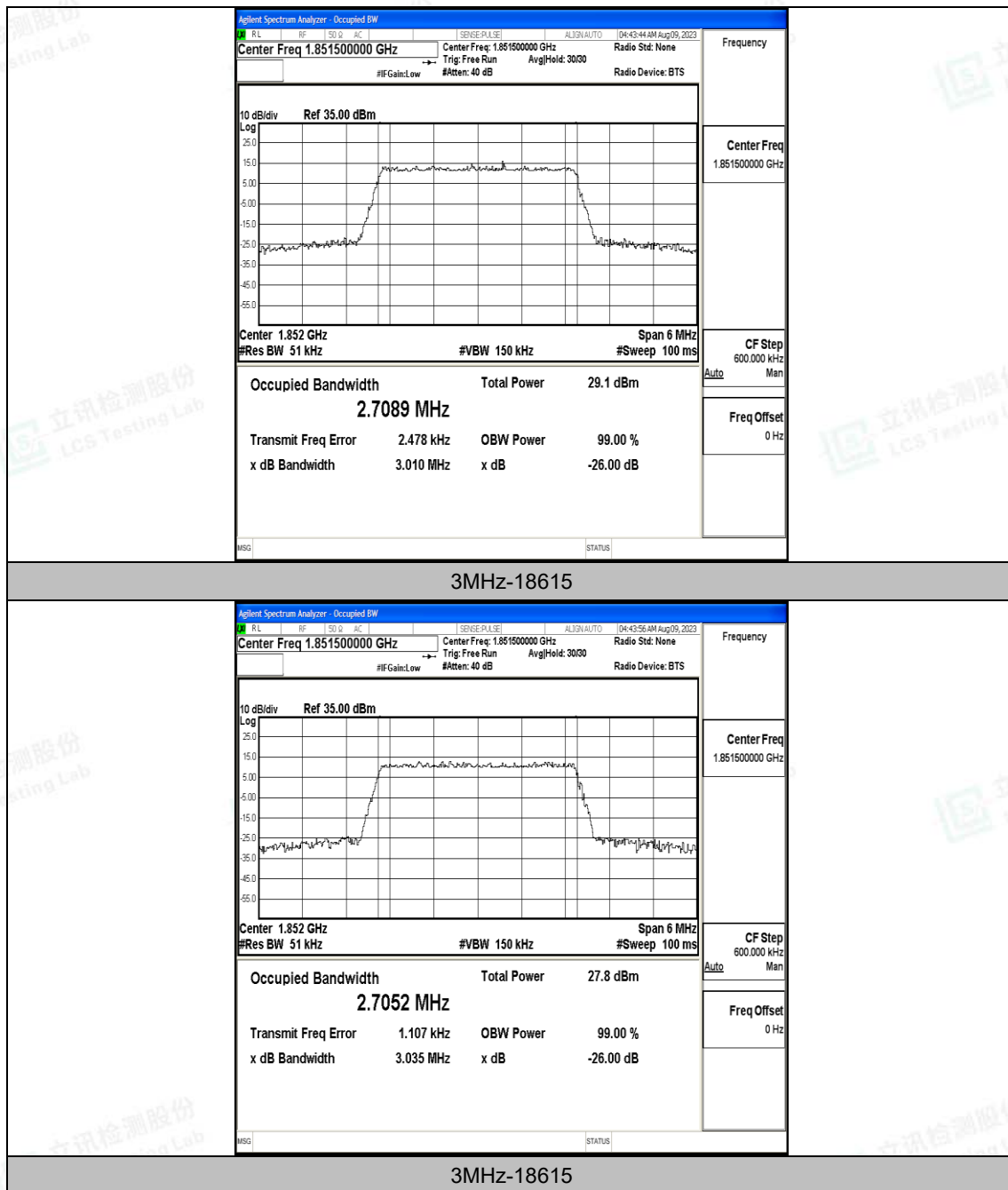


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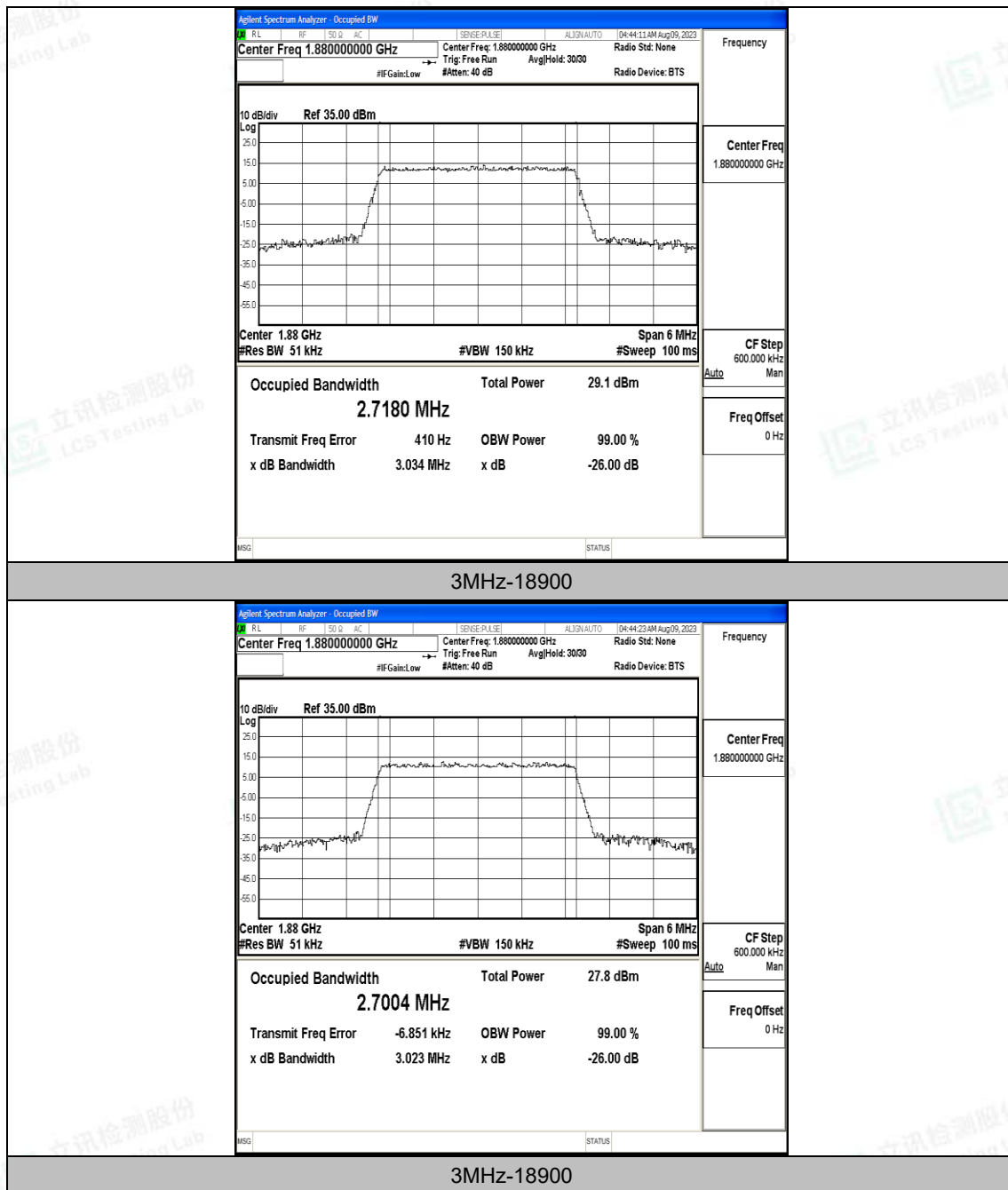


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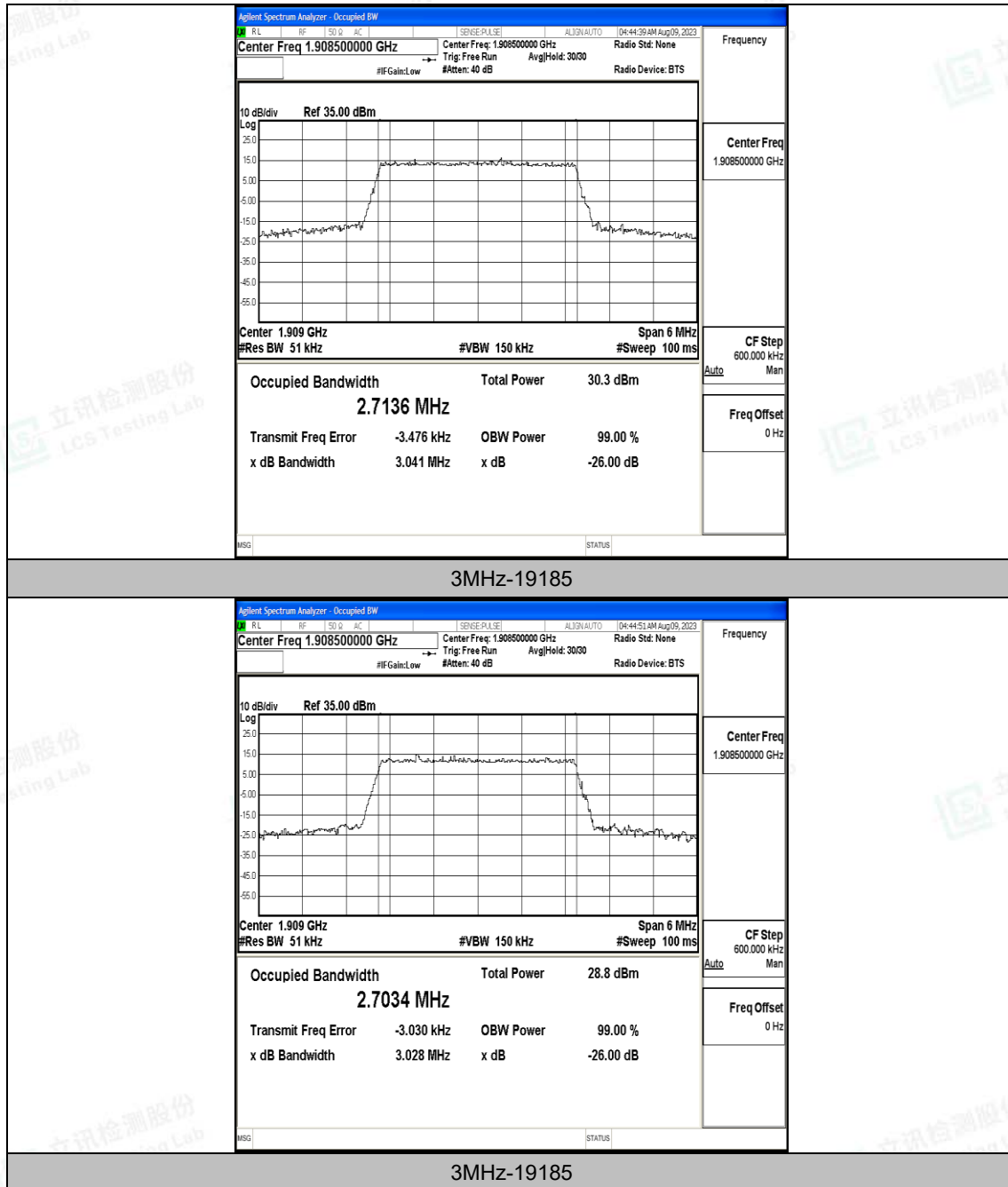


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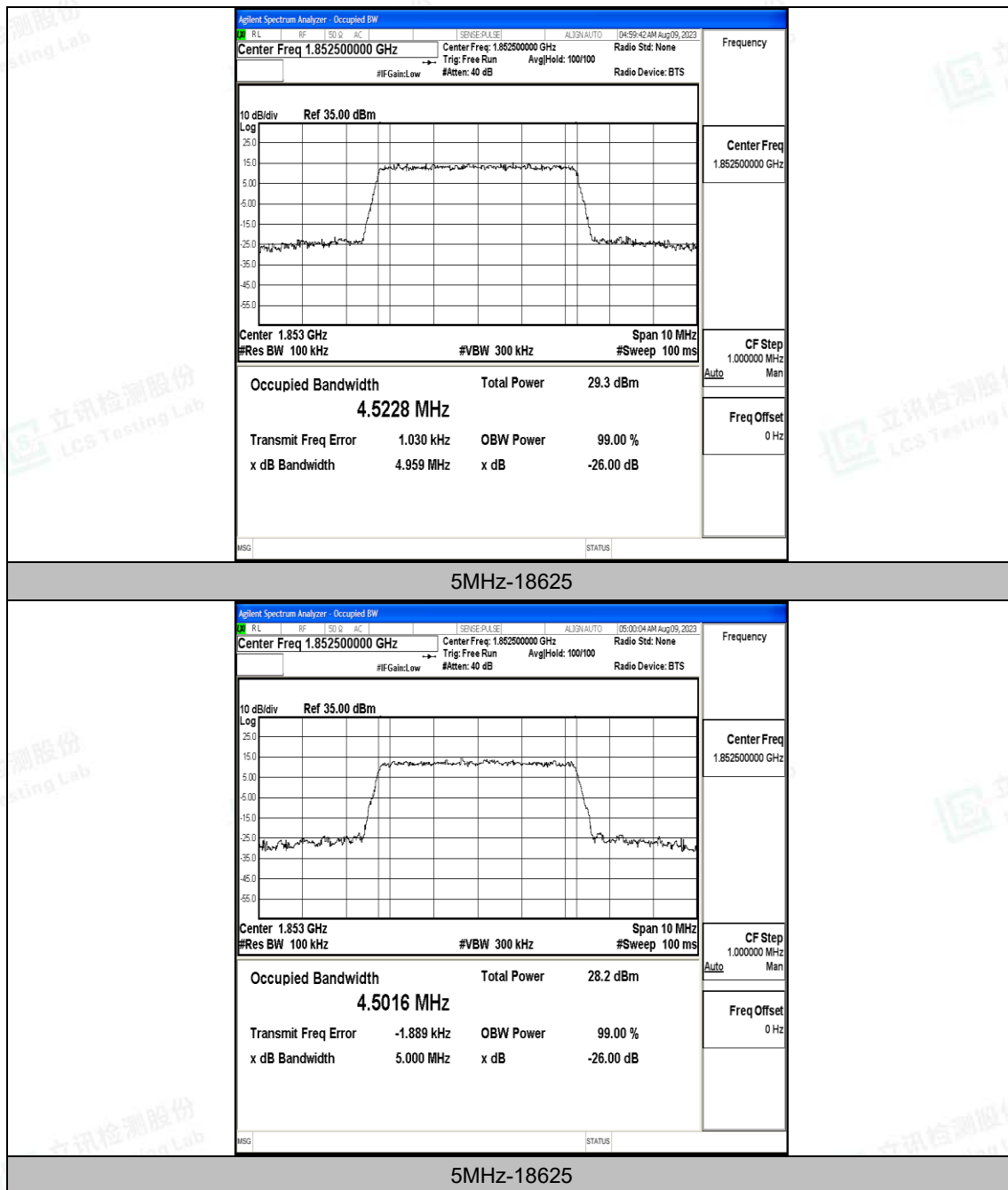


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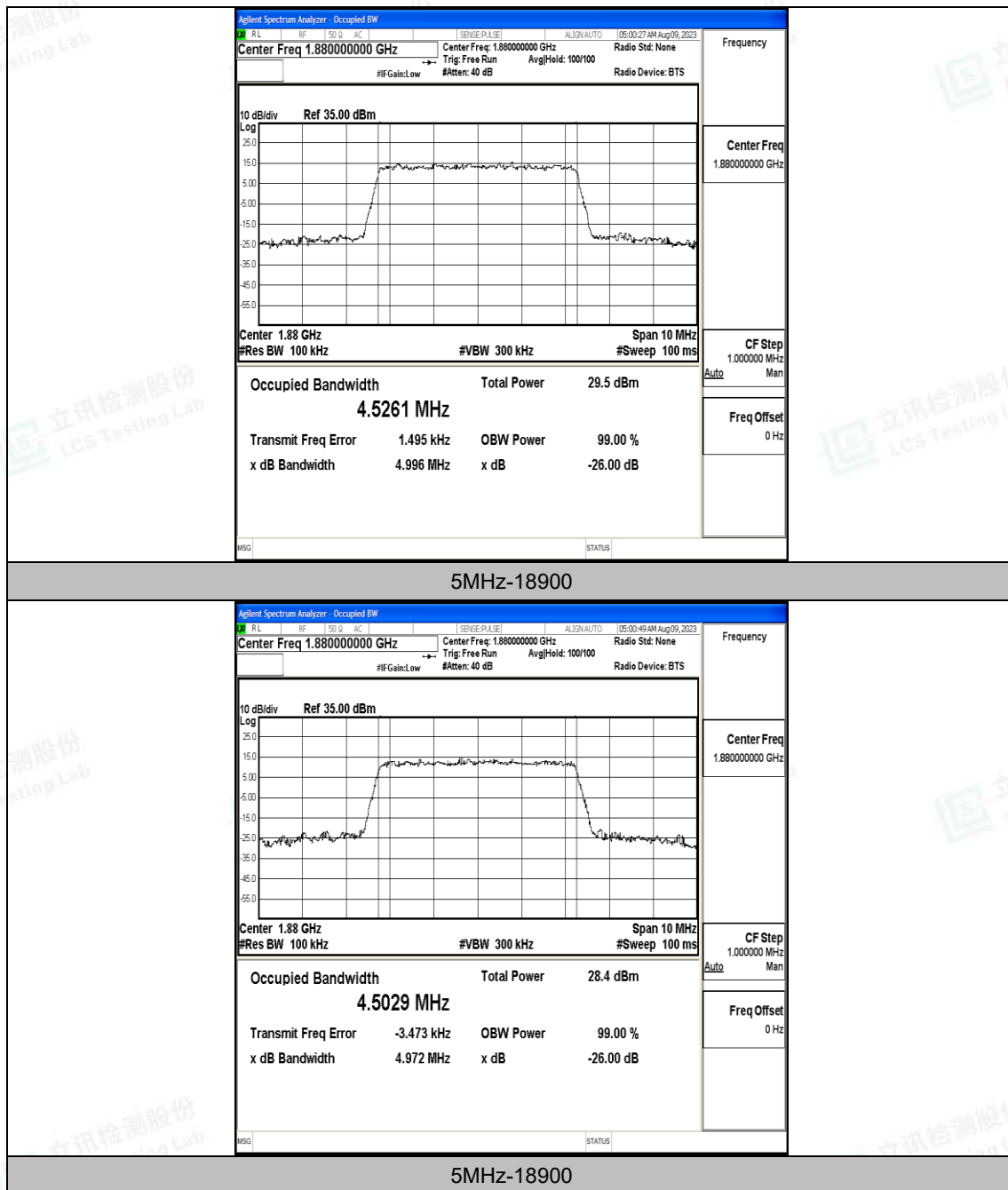


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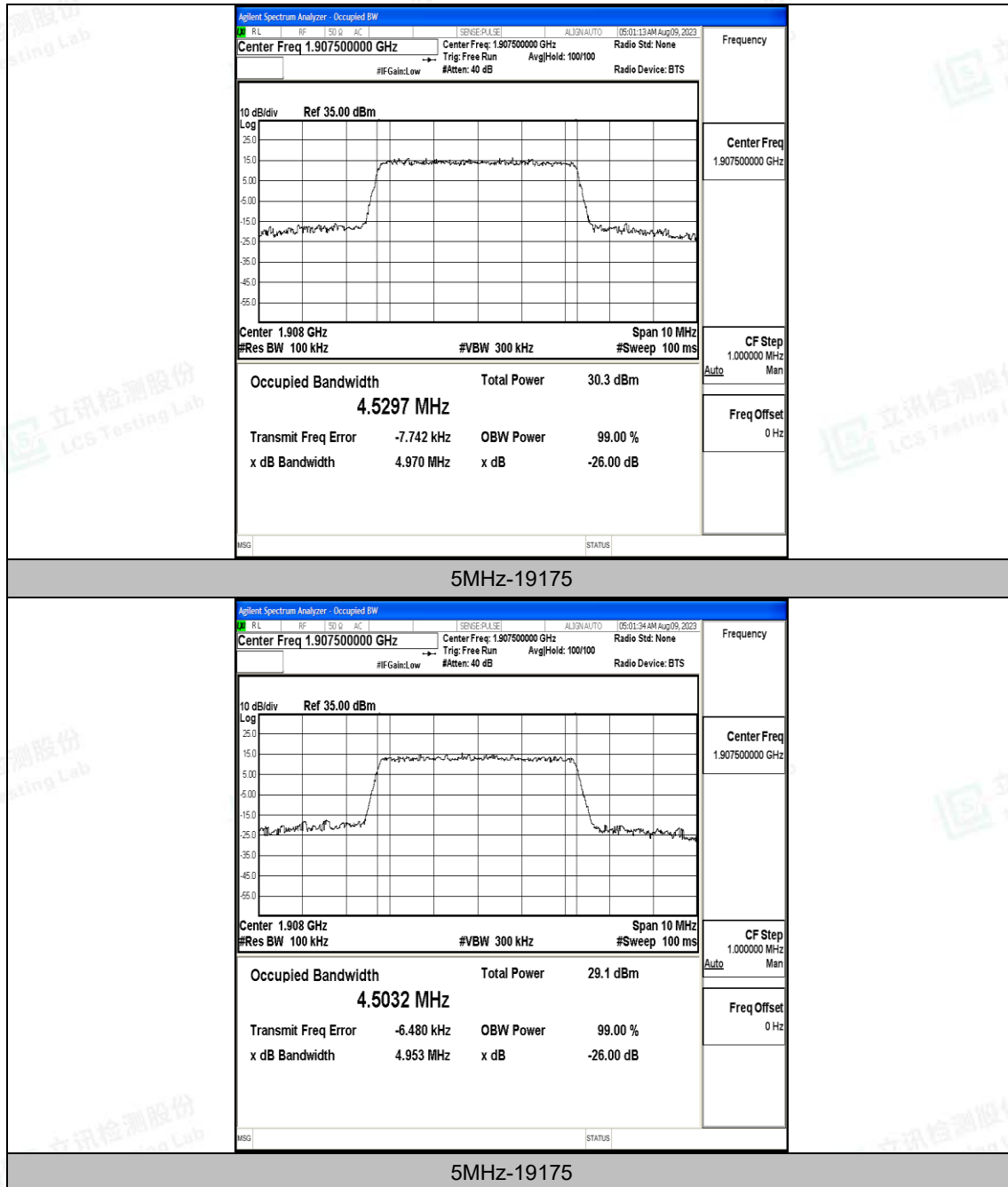


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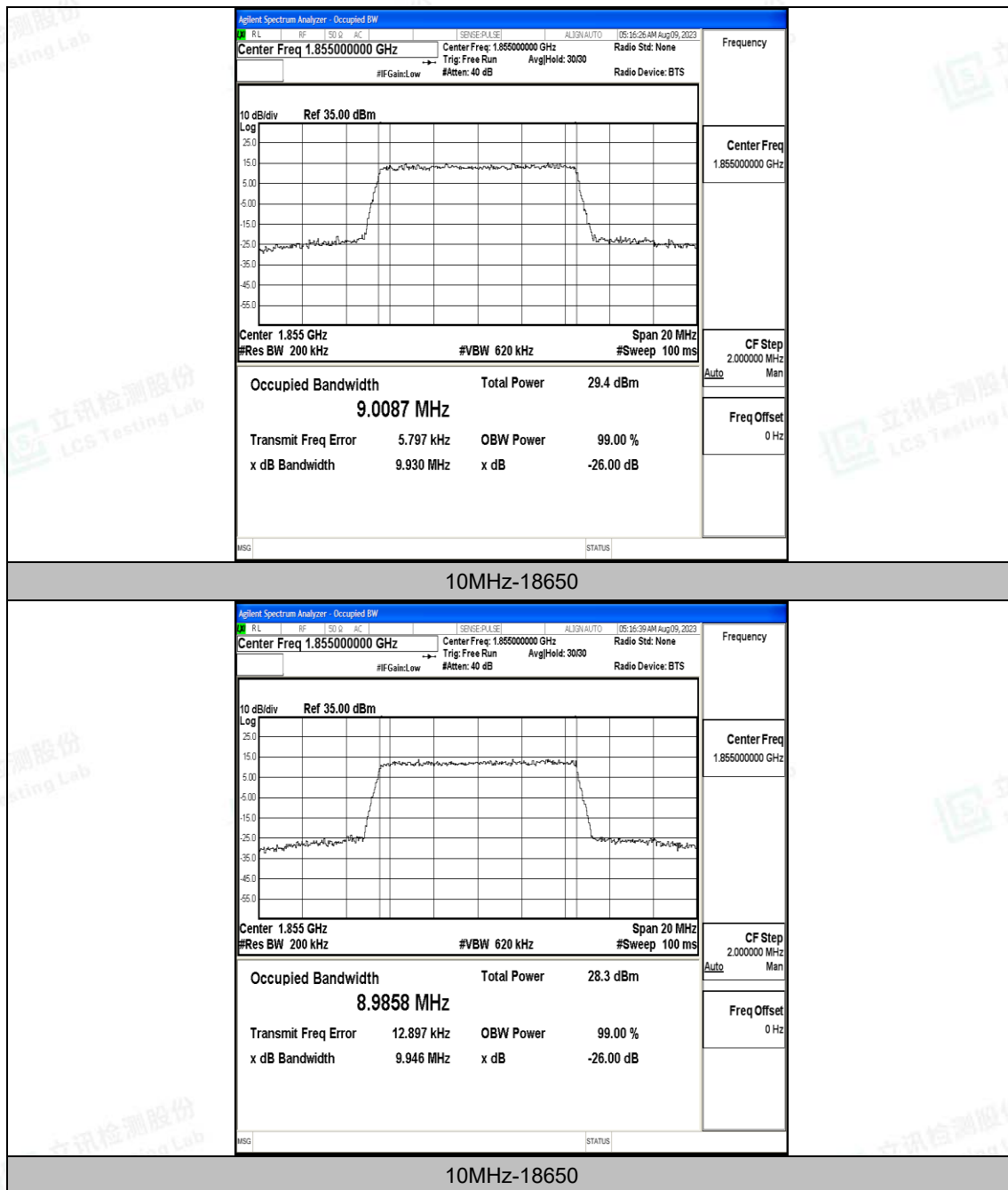


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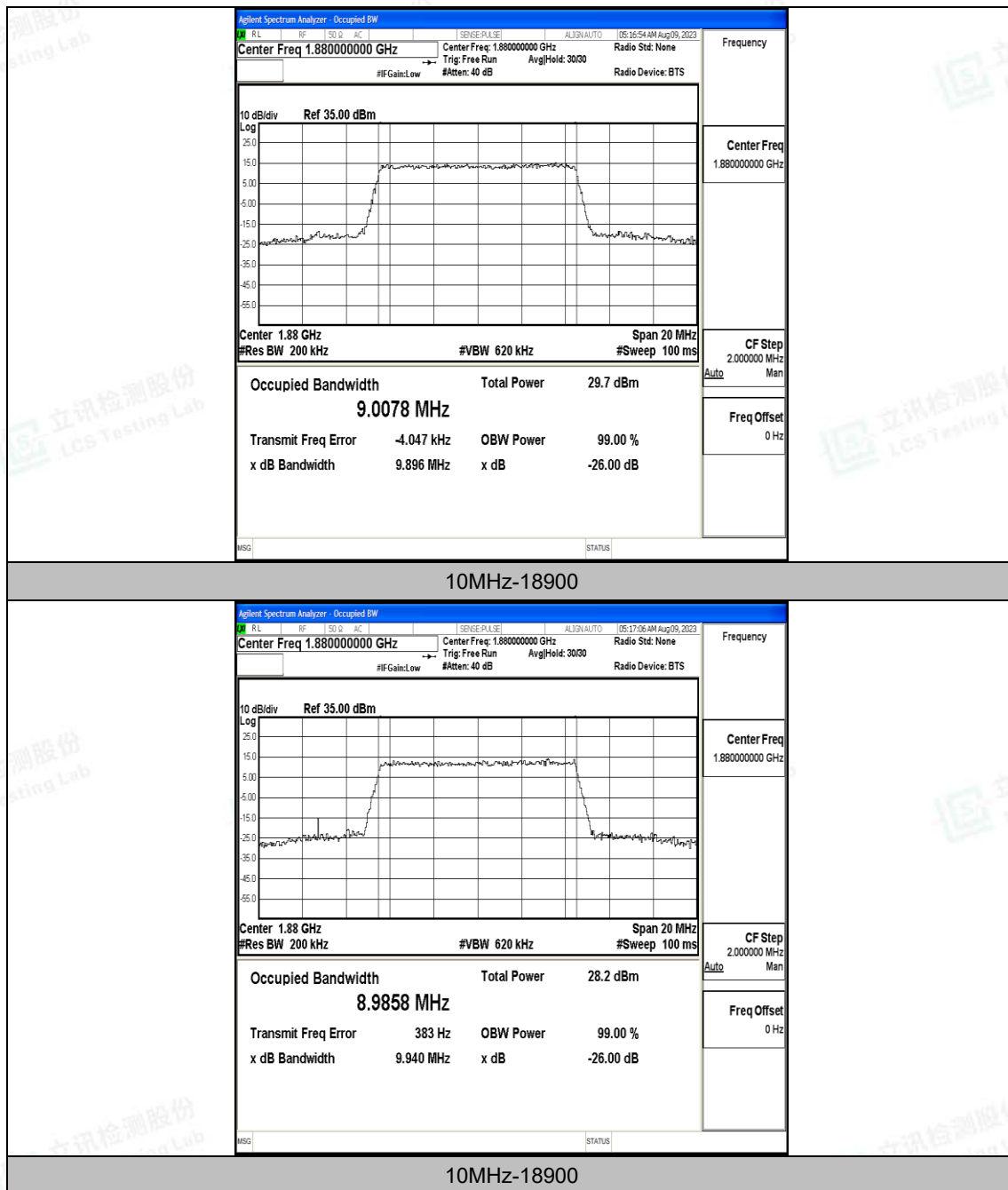


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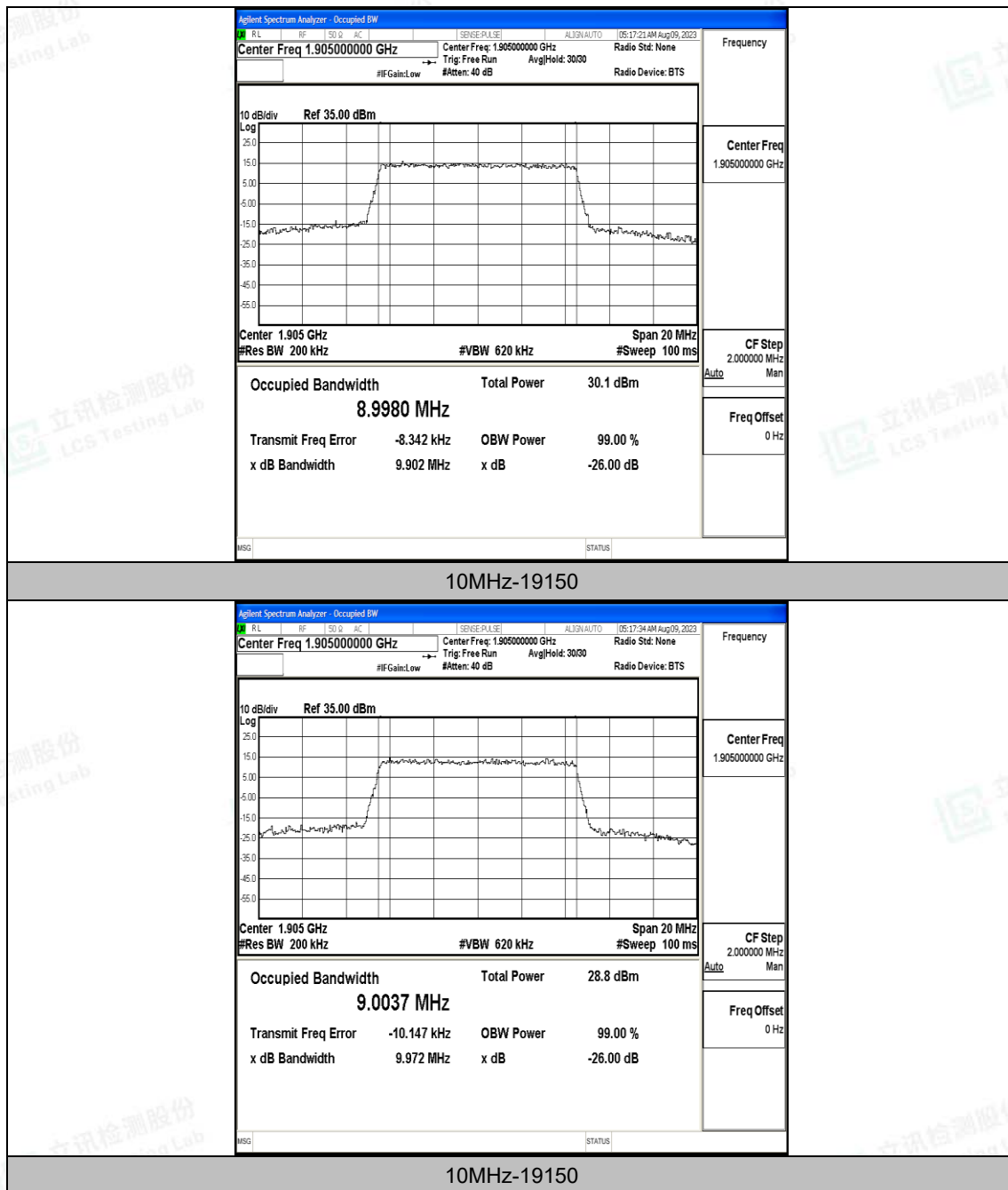


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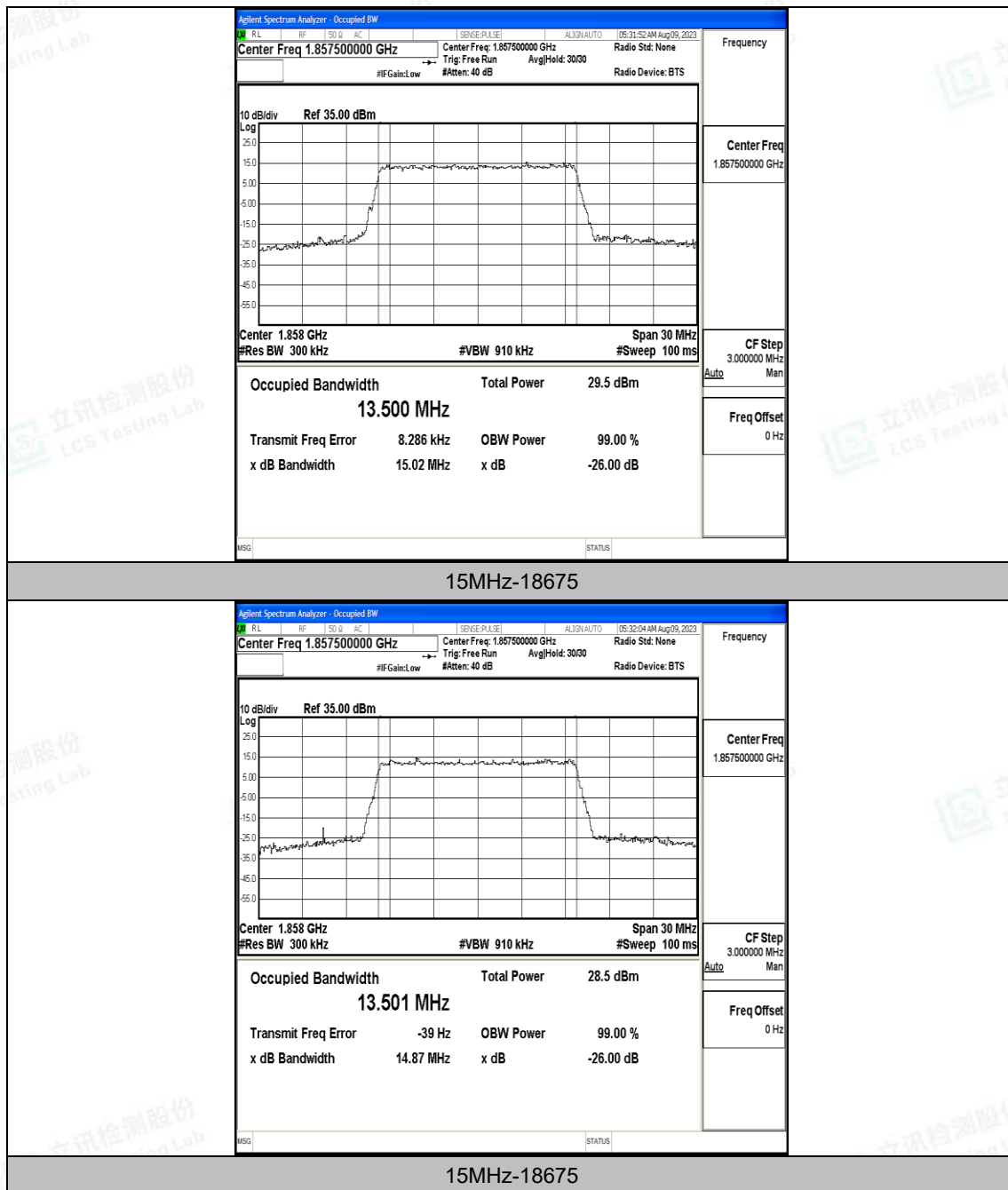


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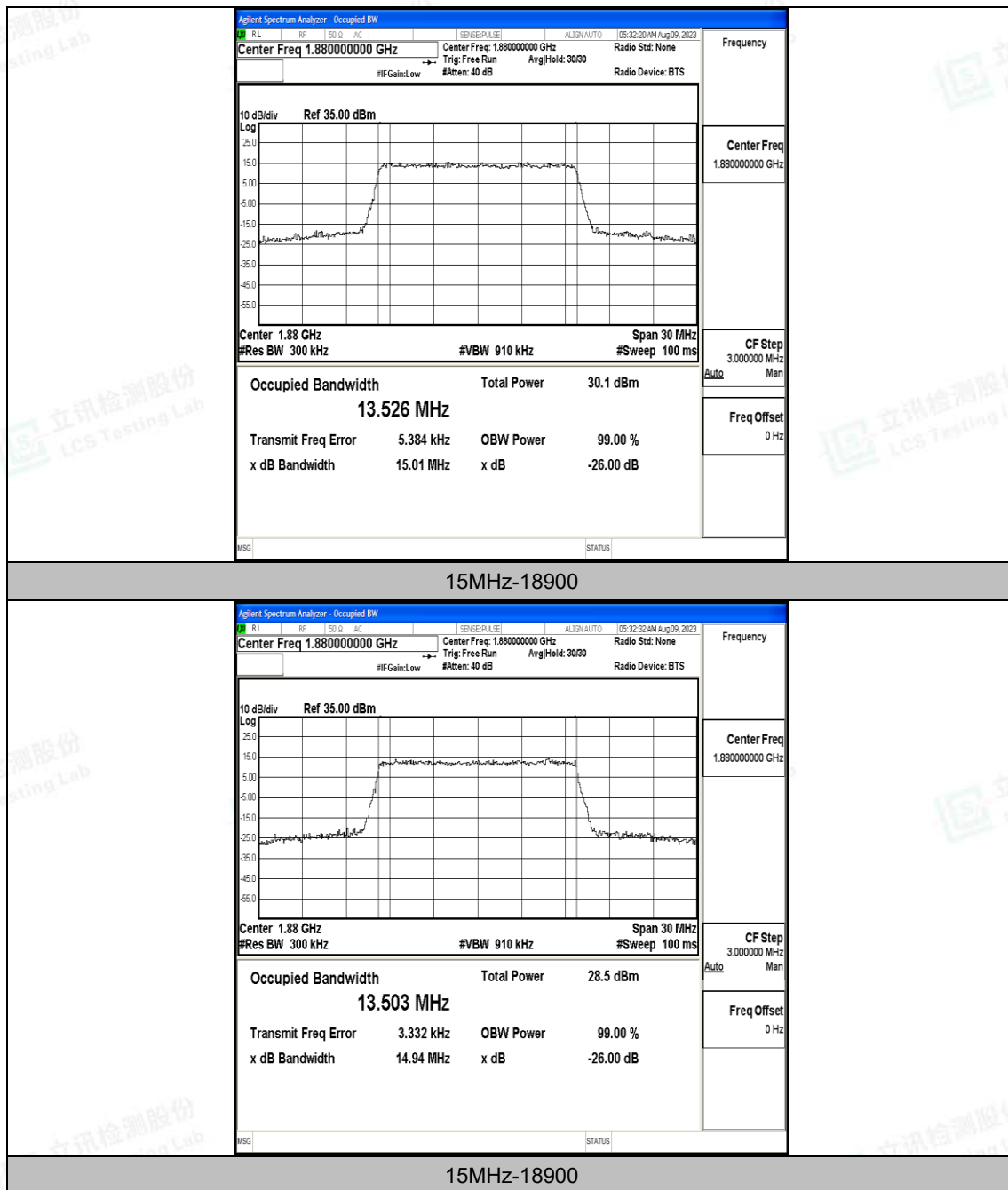


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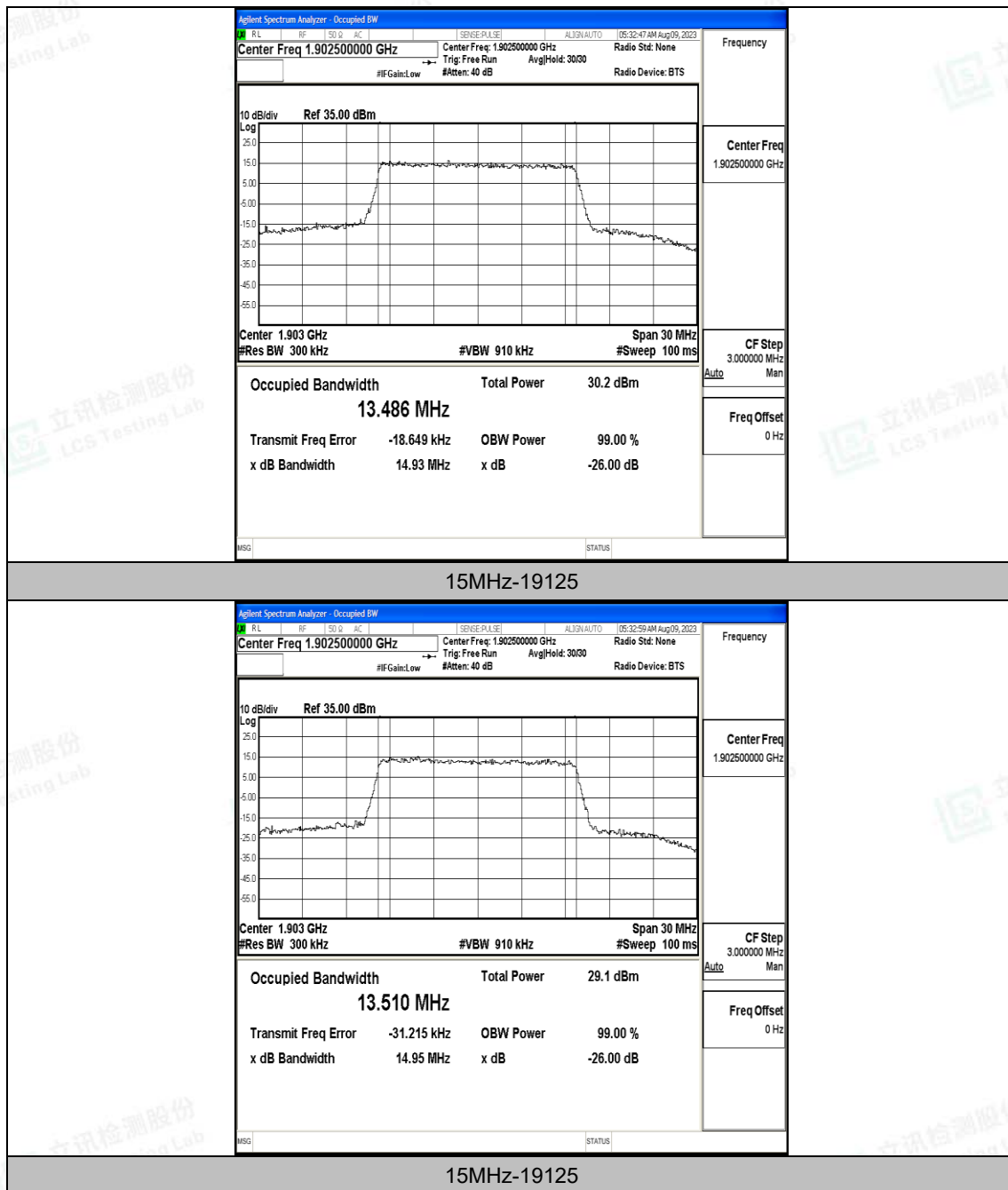


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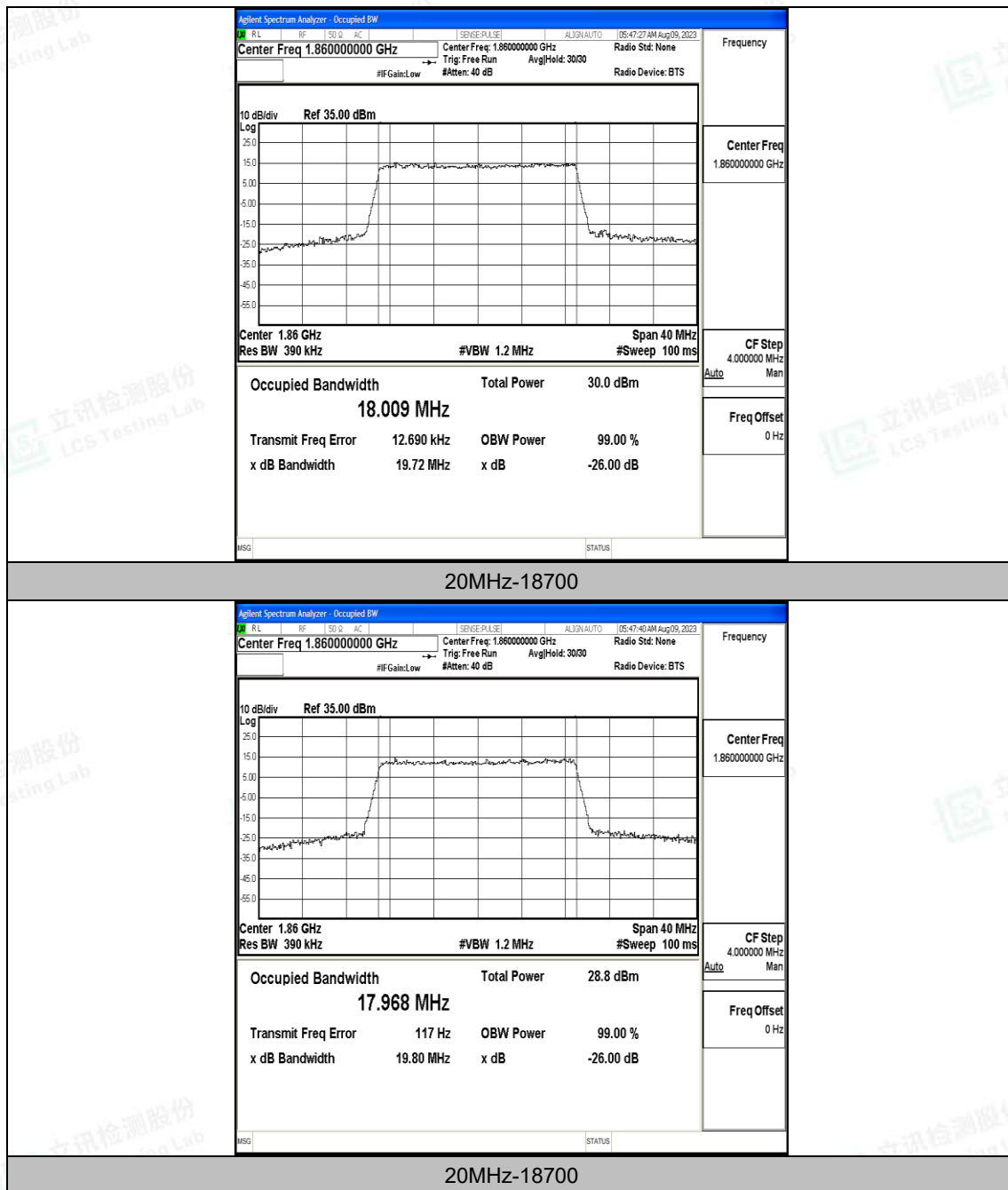


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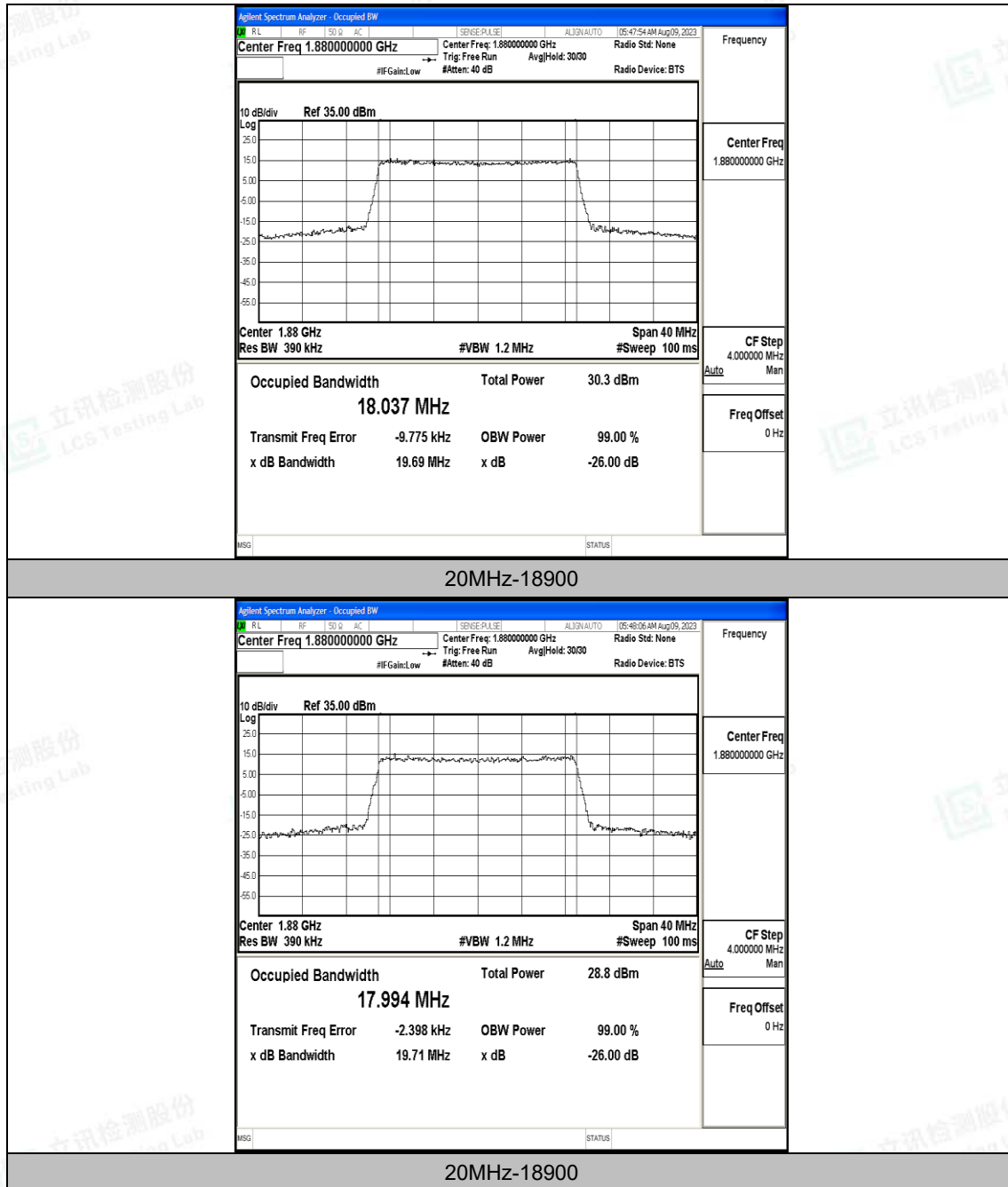


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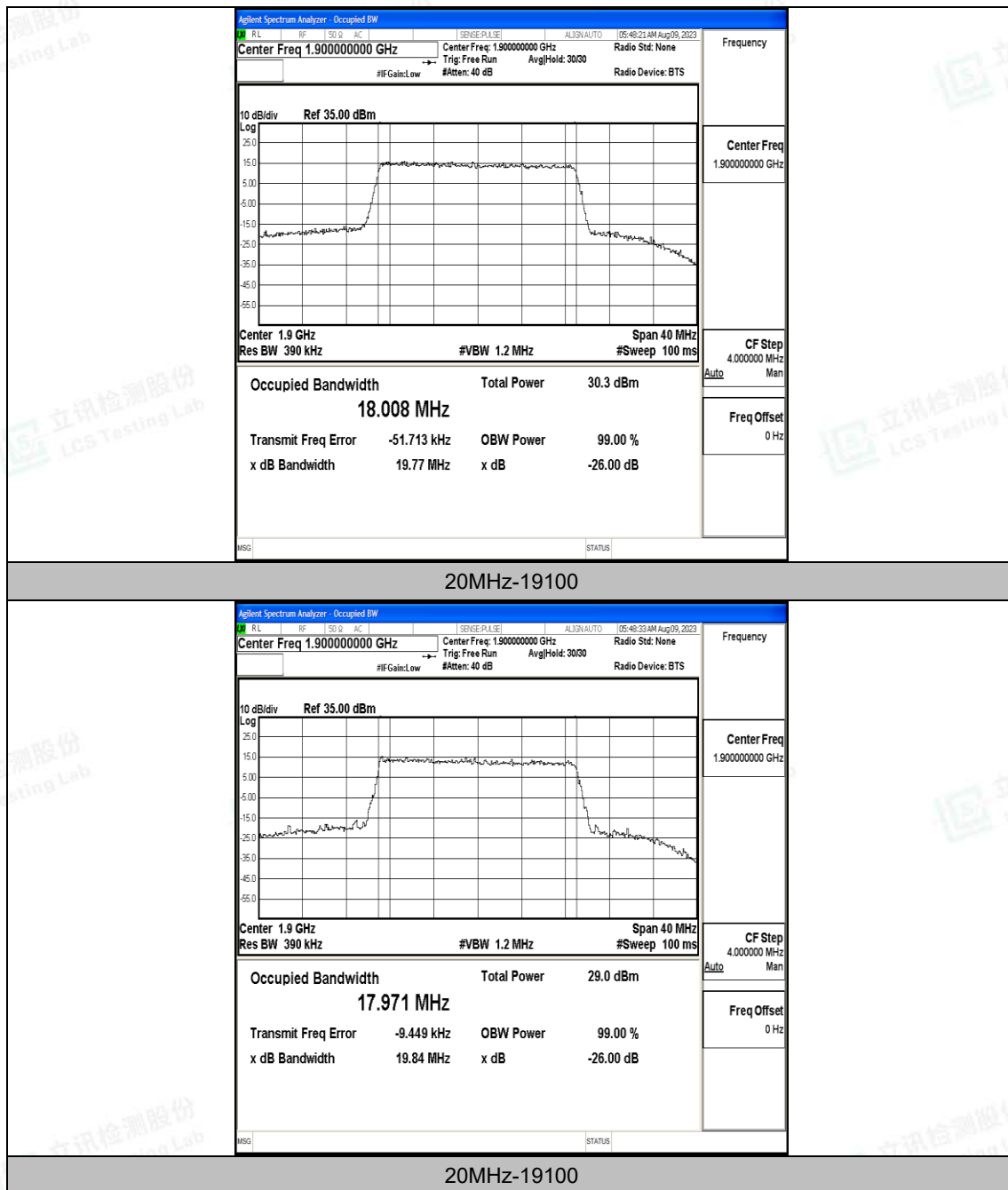


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F.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1848.99	-47.57	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1848.92	-50.61	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1911.02	-45.04	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1911.07	-47.08	PASS
Band2	3MHz	QPSK	18615	15RB#0	1848.96	-36.11	PASS
Band2	3MHz	16QAM	18615	15RB#0	1848.98	-41.10	PASS
Band2	3MHz	QPSK	19185	15RB#0	1911.02	-30.24	PASS
Band2	3MHz	16QAM	19185	15RB#0	1911.09	-35.80	PASS
Band2	5MHz	QPSK	18625	25RB#0	1848.98	-36.92	PASS
Band2	5MHz	16QAM	18625	25RB#0	1848.53	-40.70	PASS
Band2	5MHz	QPSK	19175	25RB#0	1911.03	-31.56	PASS
Band2	5MHz	16QAM	19175	25RB#0	1911.04	-36.46	PASS
Band2	10MHz	QPSK	18650	50RB#0	1848.77	-36.58	PASS
Band2	10MHz	16QAM	18650	50RB#0	1848.89	-41.41	PASS
Band2	10MHz	QPSK	19150	50RB#0	1911.00	-30.70	PASS
Band2	10MHz	16QAM	19150	50RB#0	1911.53	-36.10	PASS
Band2	15MHz	QPSK	18675	75RB#0	1848.97	-34.90	PASS
Band2	15MHz	16QAM	18675	75RB#0	1848.22	-39.28	PASS
Band2	15MHz	QPSK	19125	75RB#0	1911.12	-29.93	PASS
Band2	15MHz	16QAM	19125	75RB#0	1911.22	-35.55	PASS
Band2	20MHz	QPSK	18700	100RB#0	1848.92	-35.33	PASS
Band2	20MHz	16QAM	18700	100RB#0	1848.88	-39.72	PASS
Band2	20MHz	QPSK	19100	100RB#0	1911.01	-32.86	PASS
Band2	20MHz	16QAM	19100	100RB#0	1911.01	-37.08	PASS



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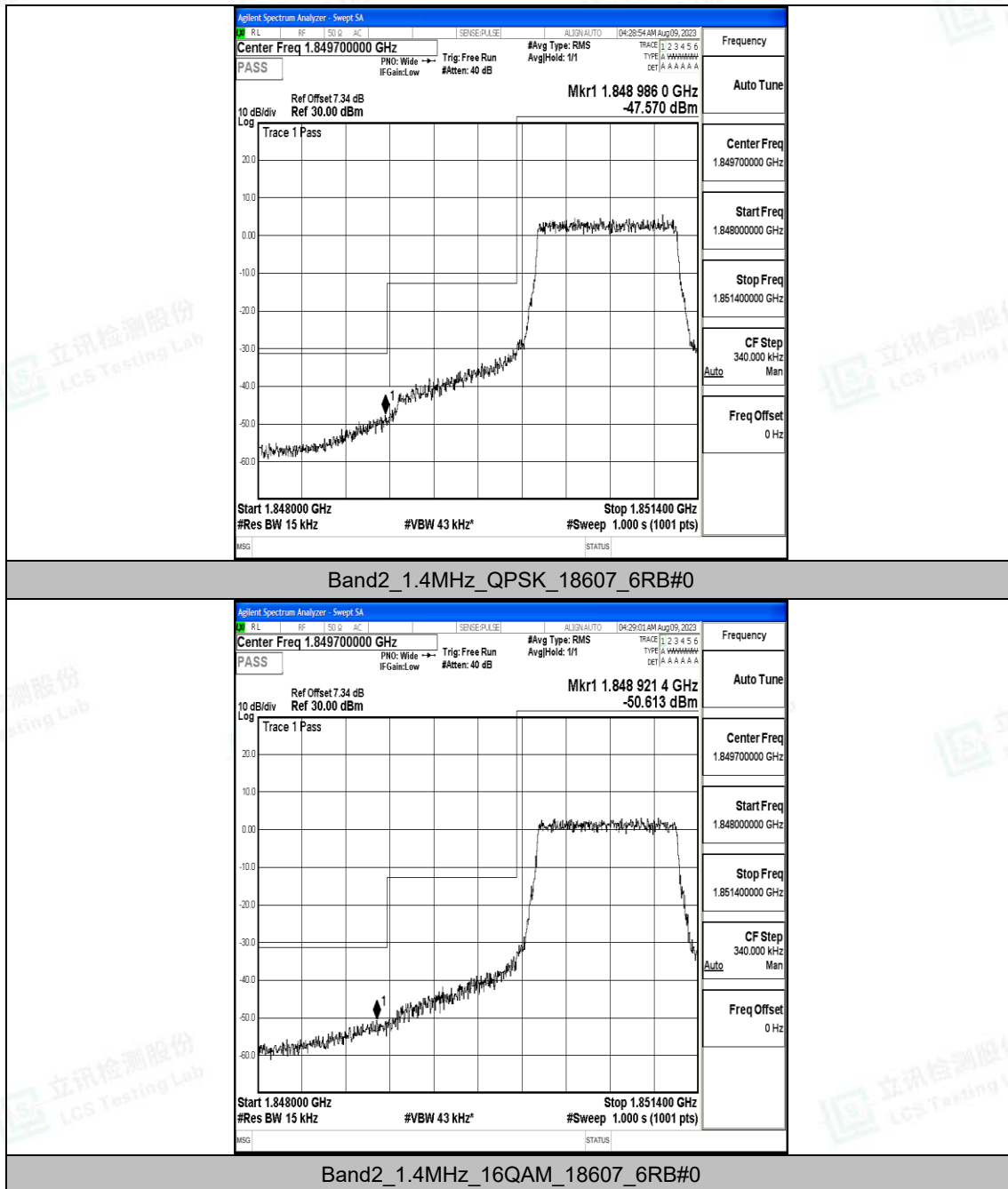
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Test Graphs

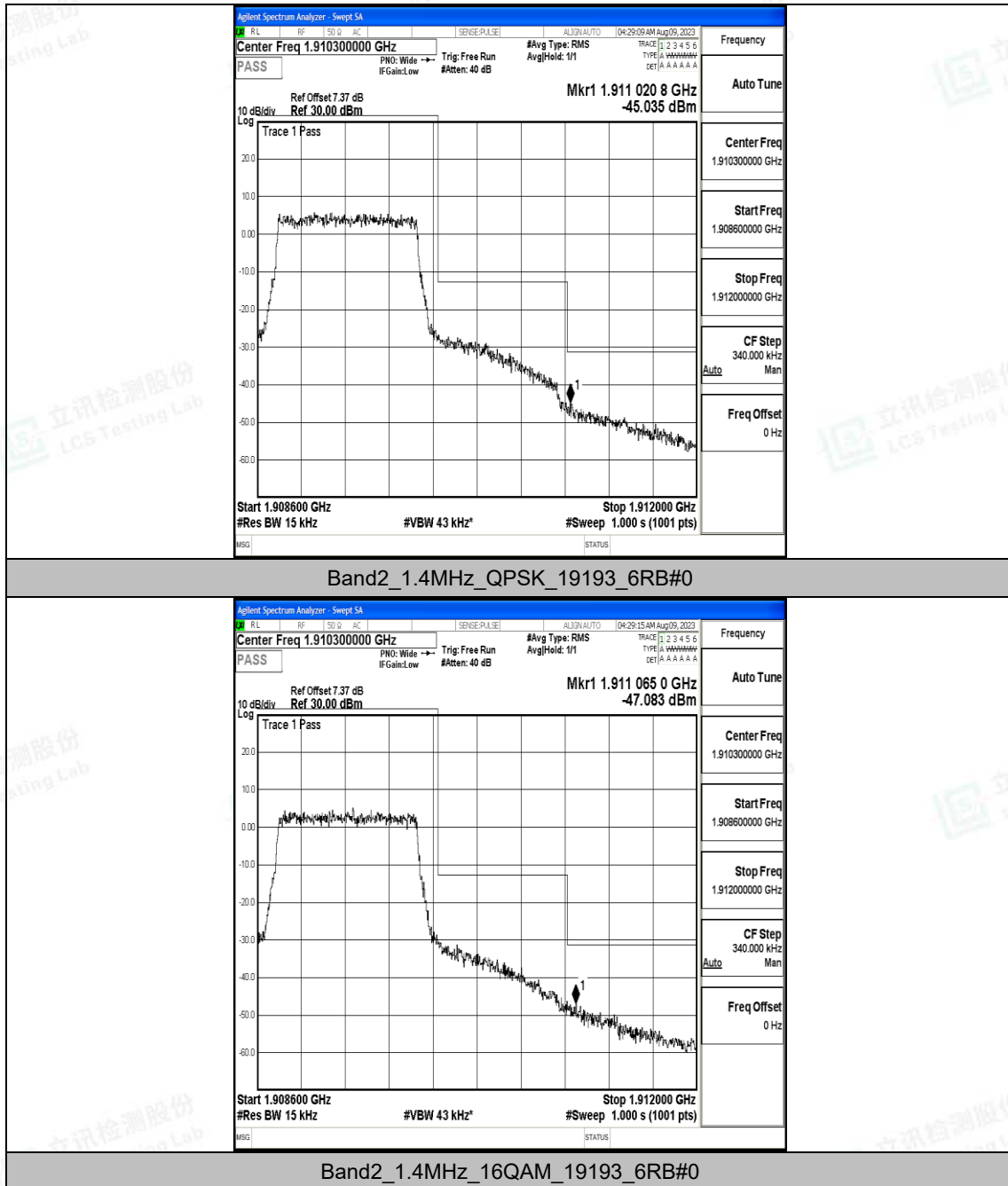


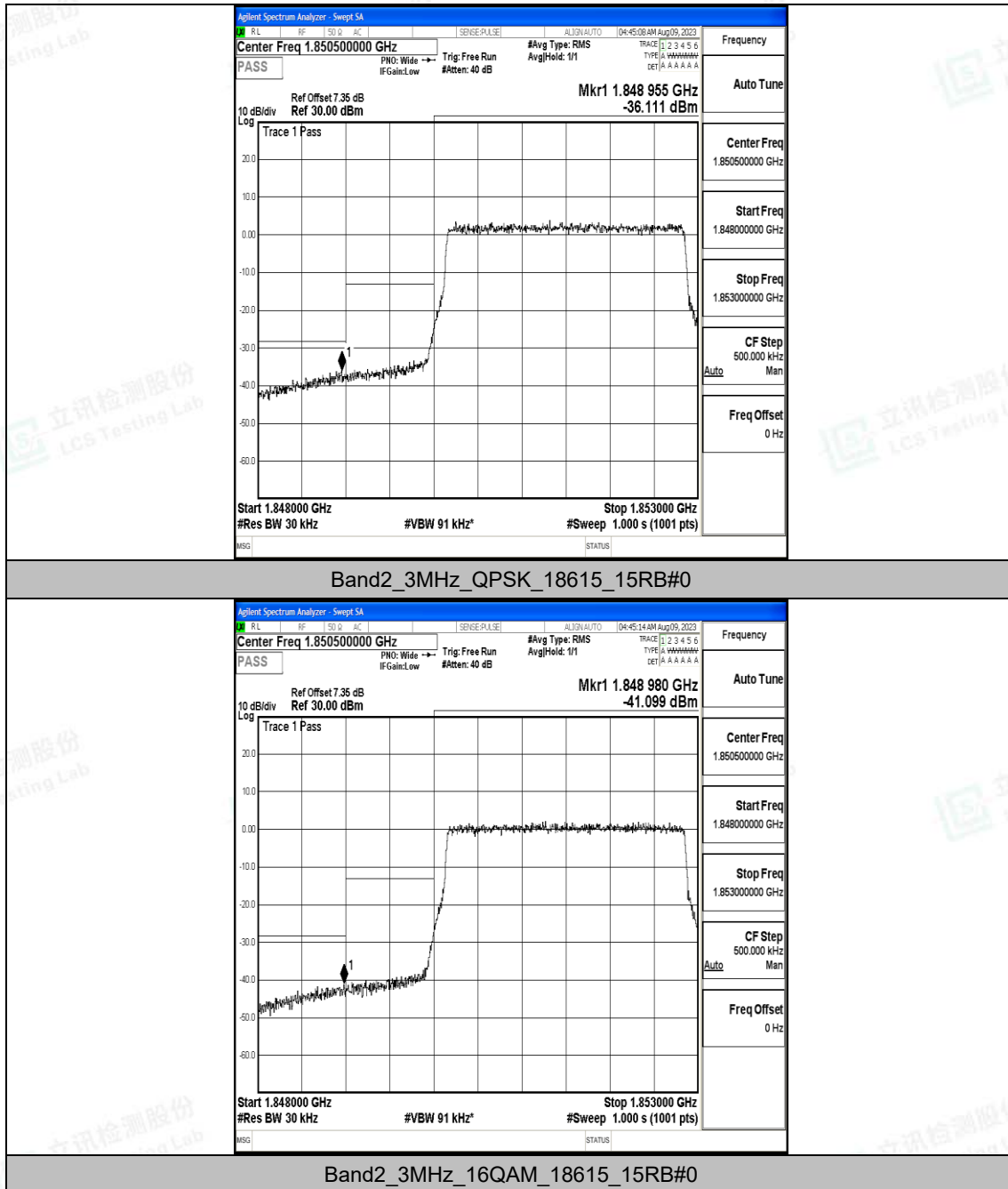
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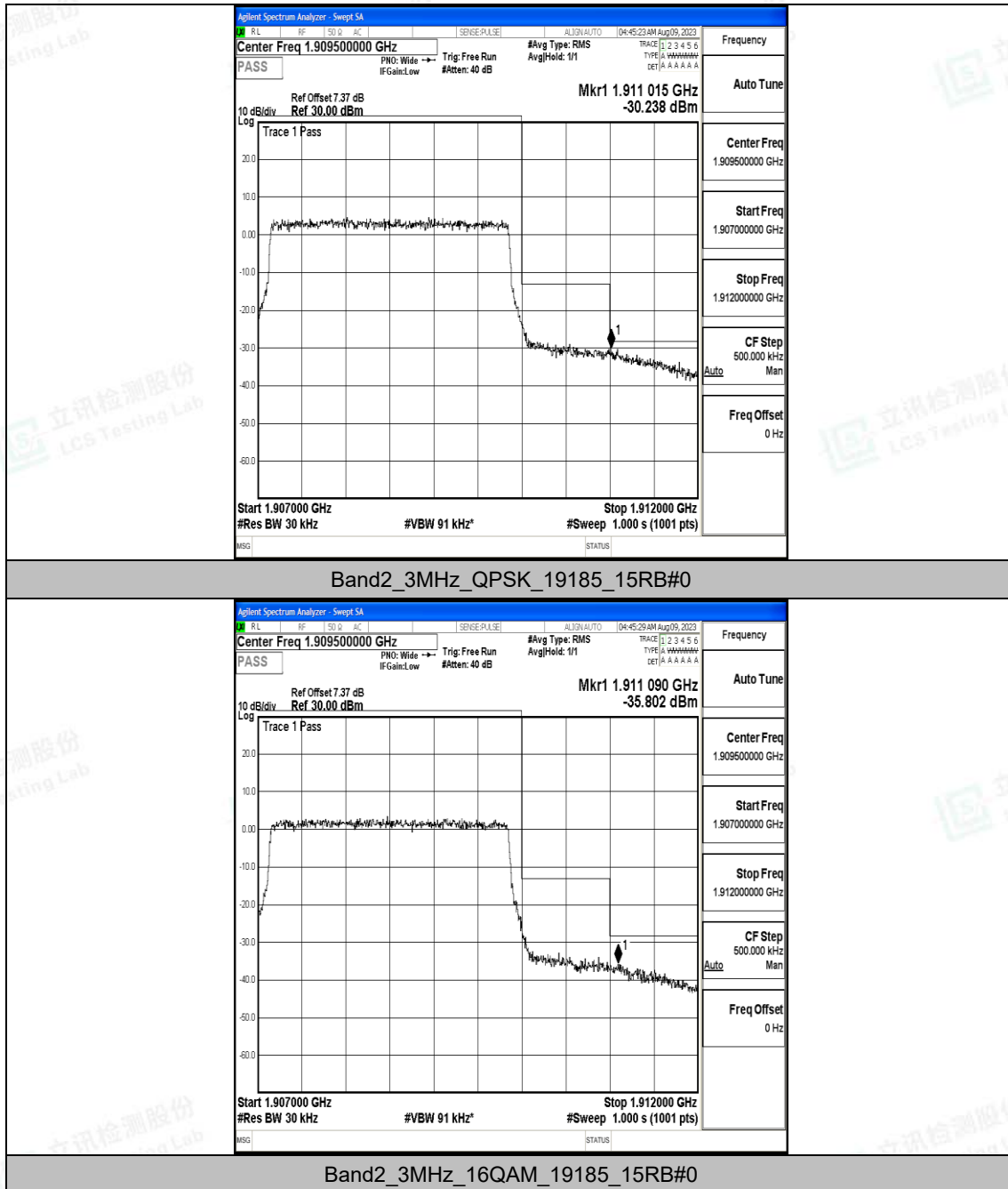
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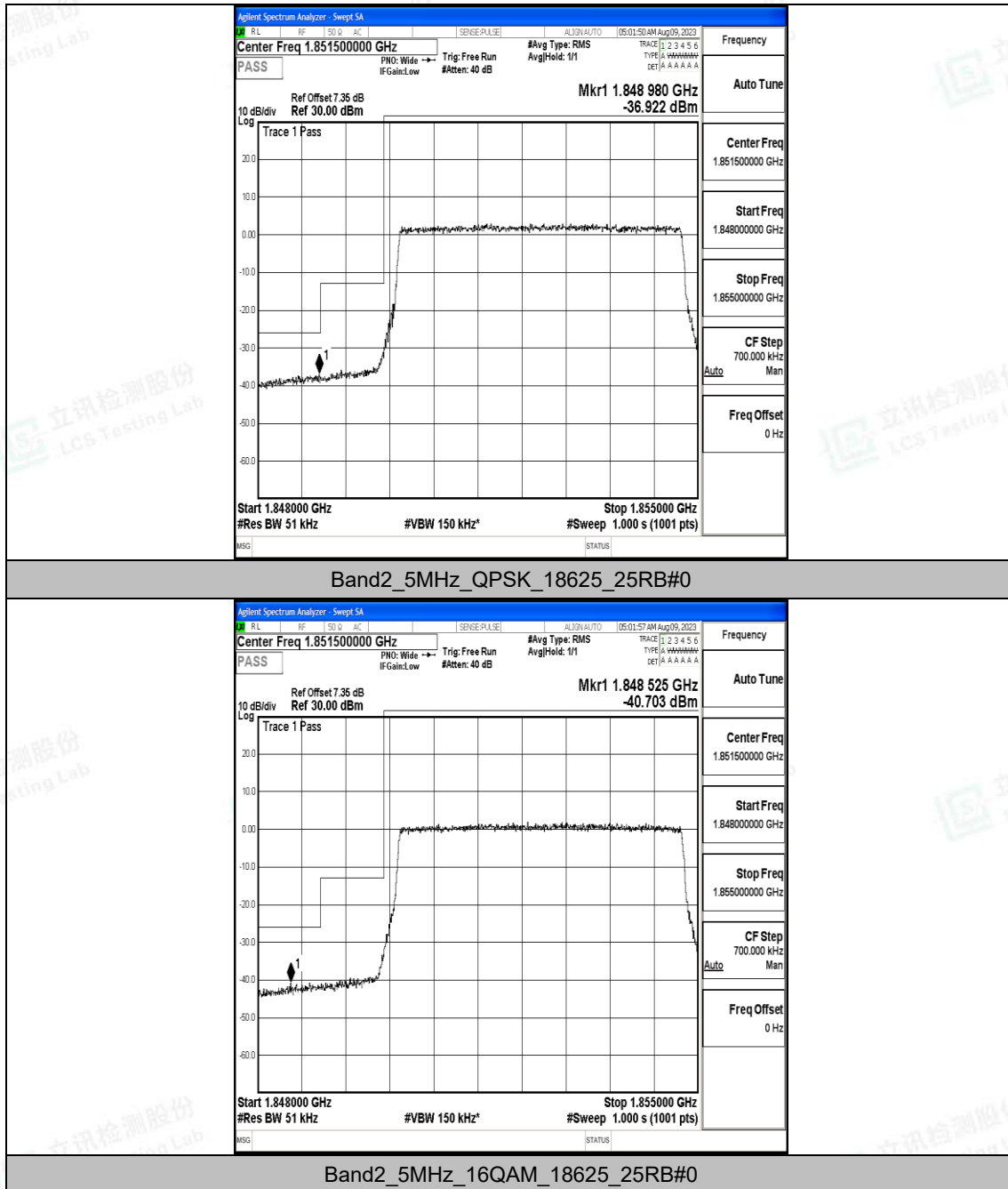
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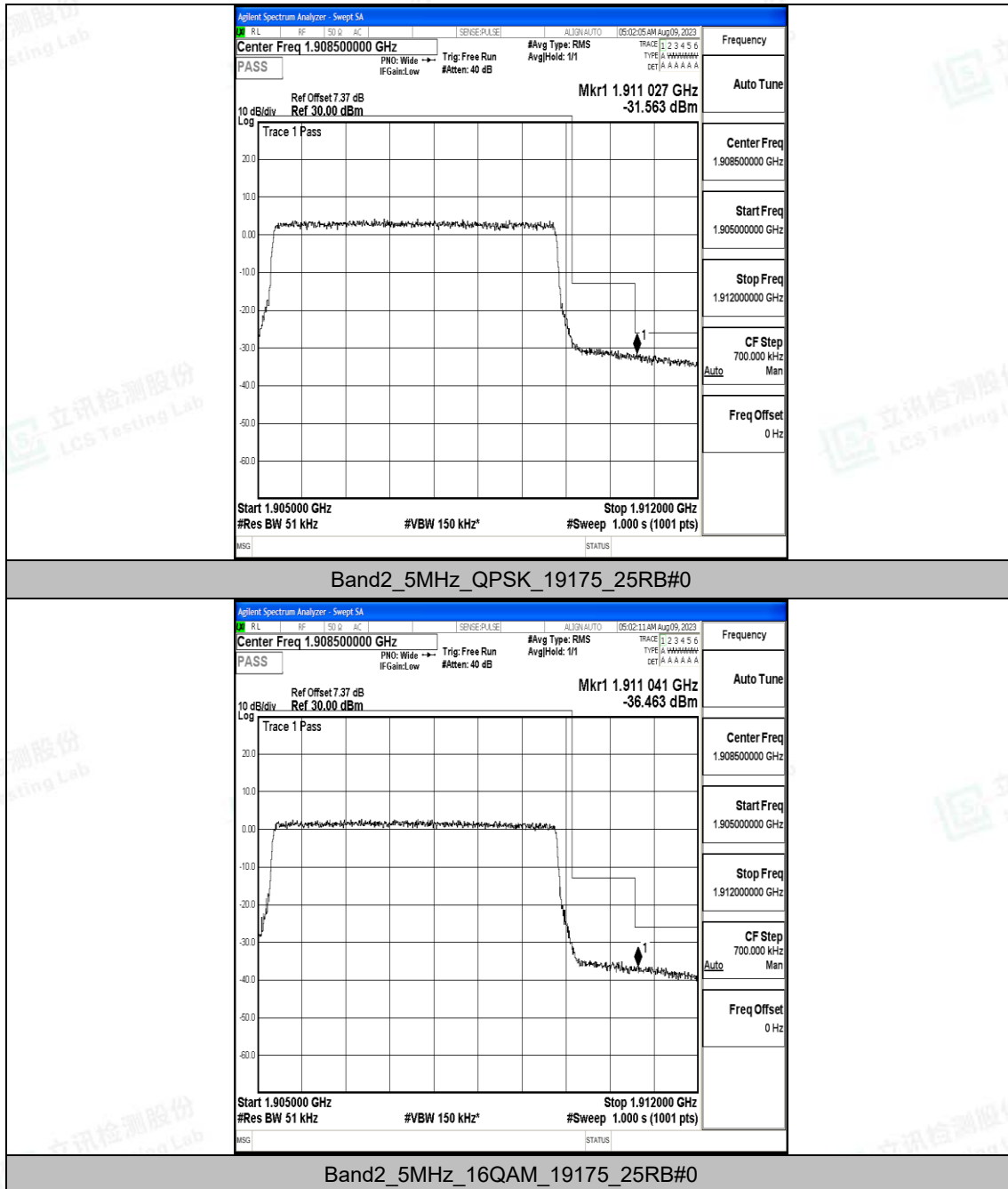
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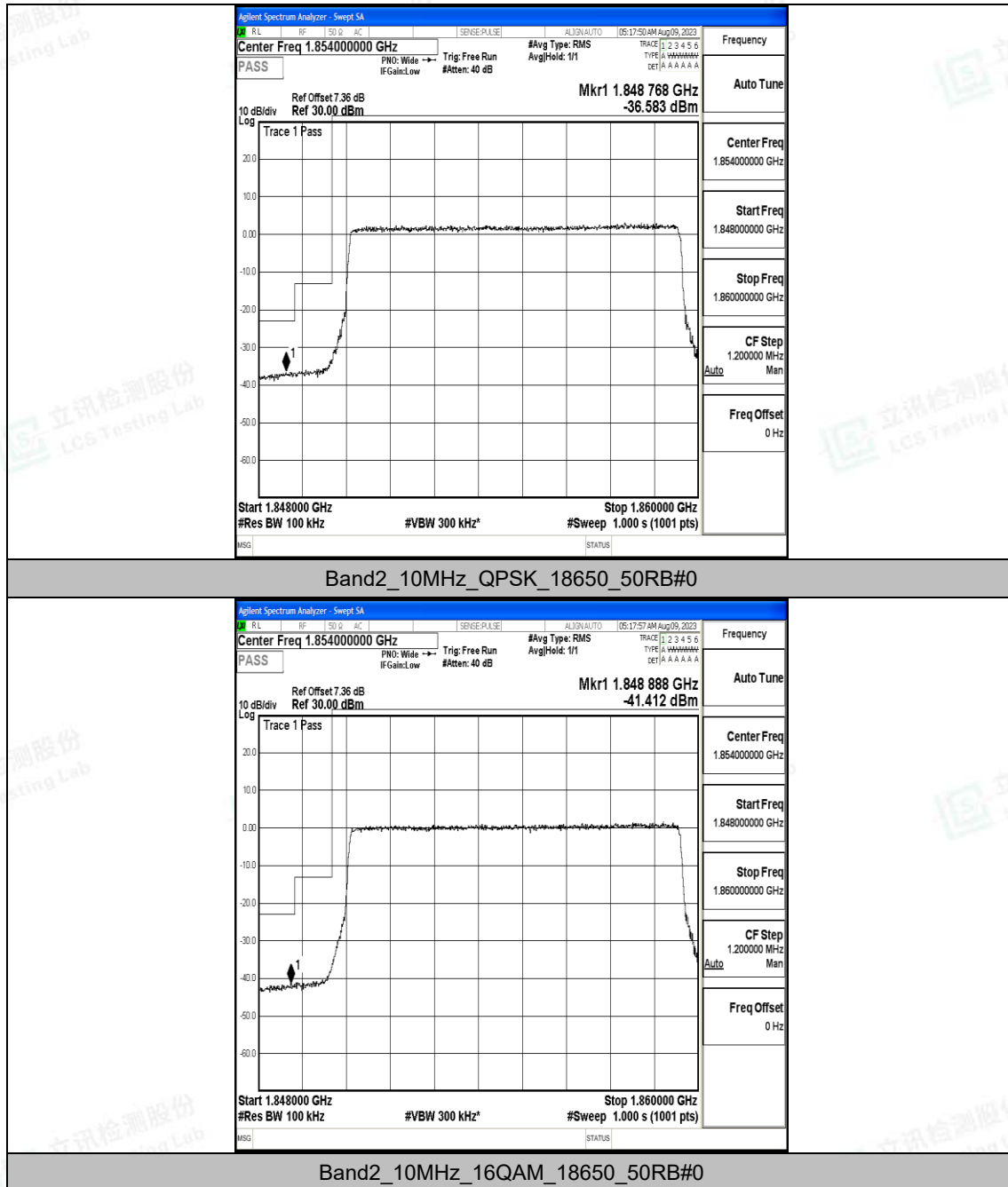


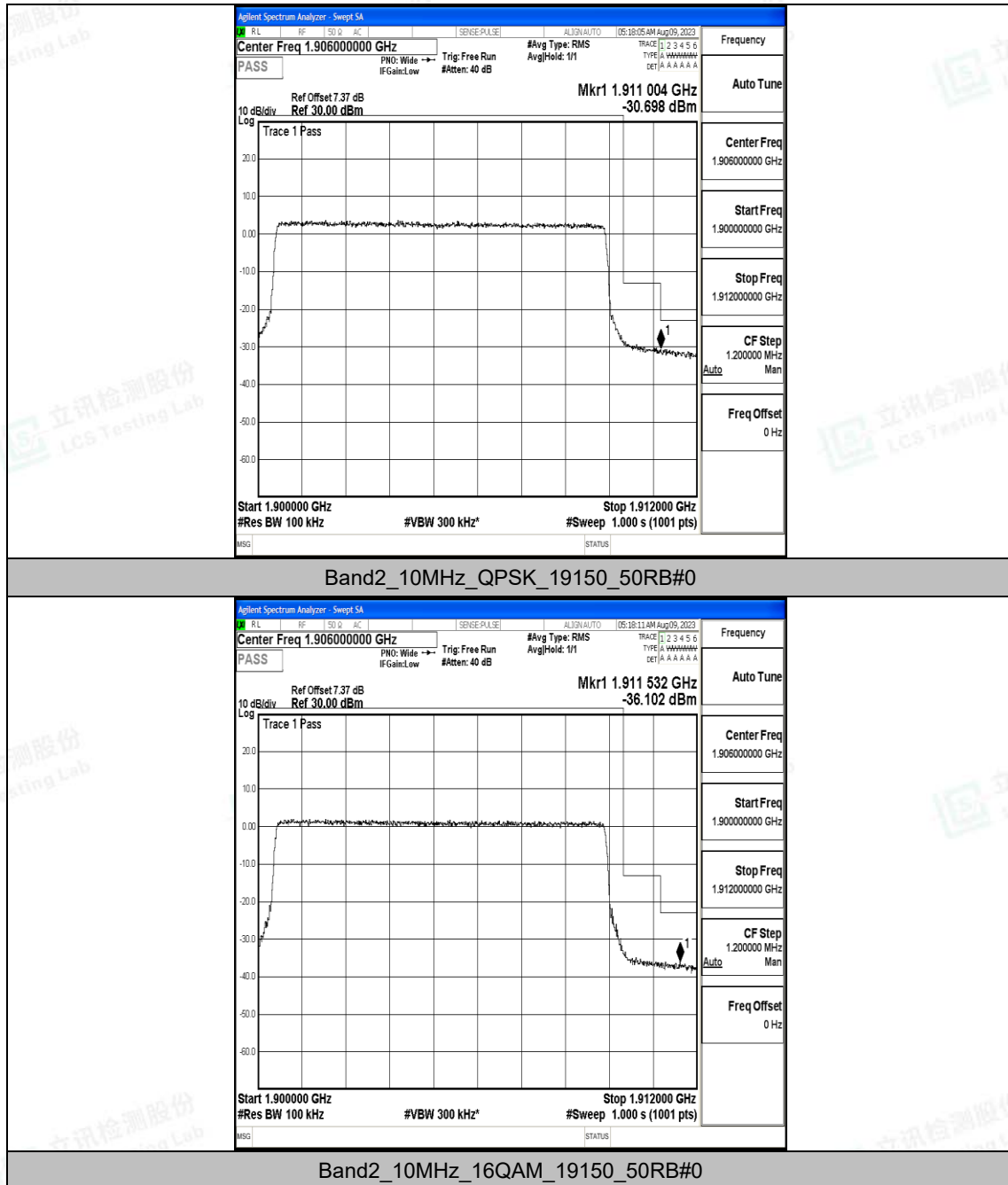


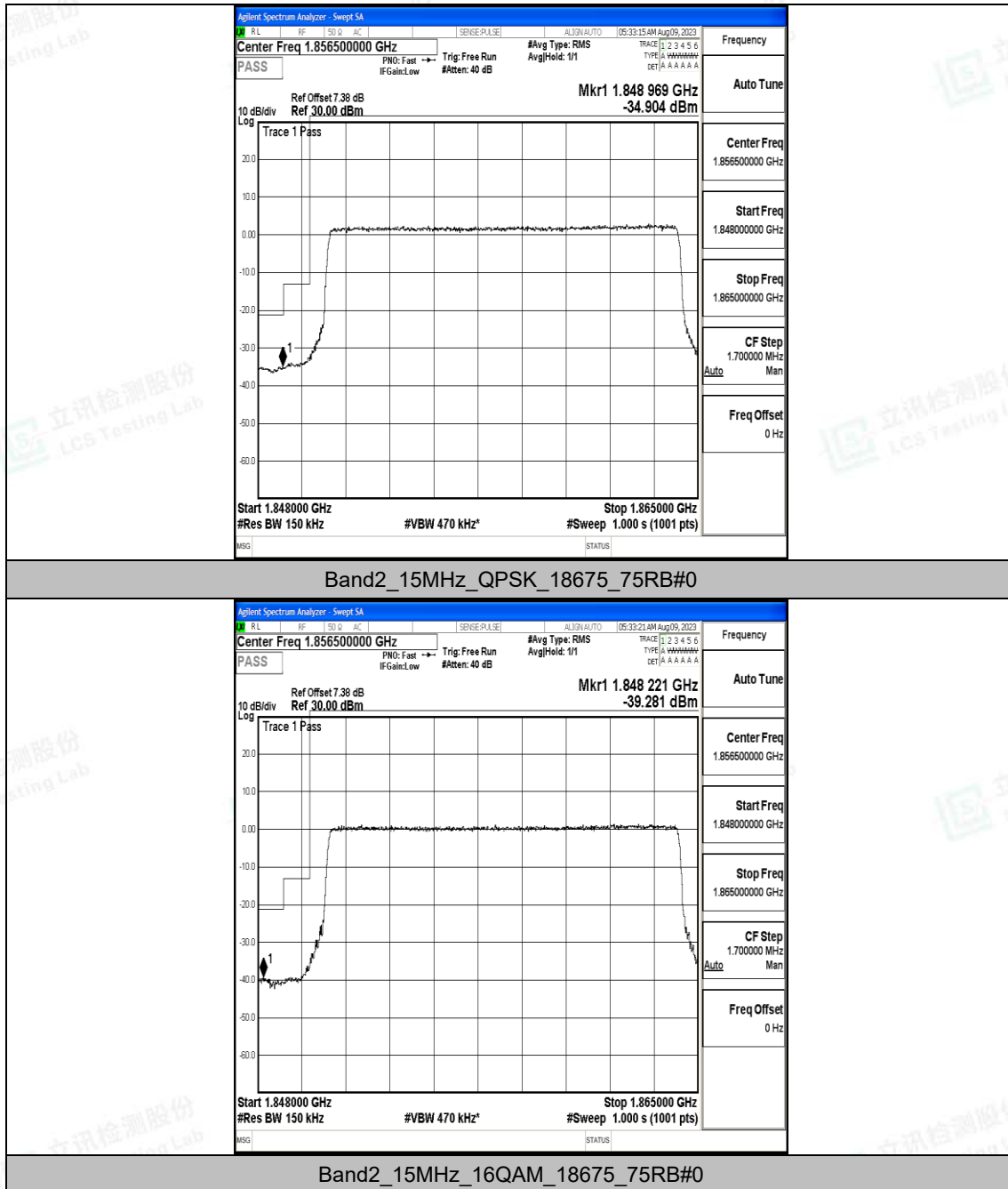


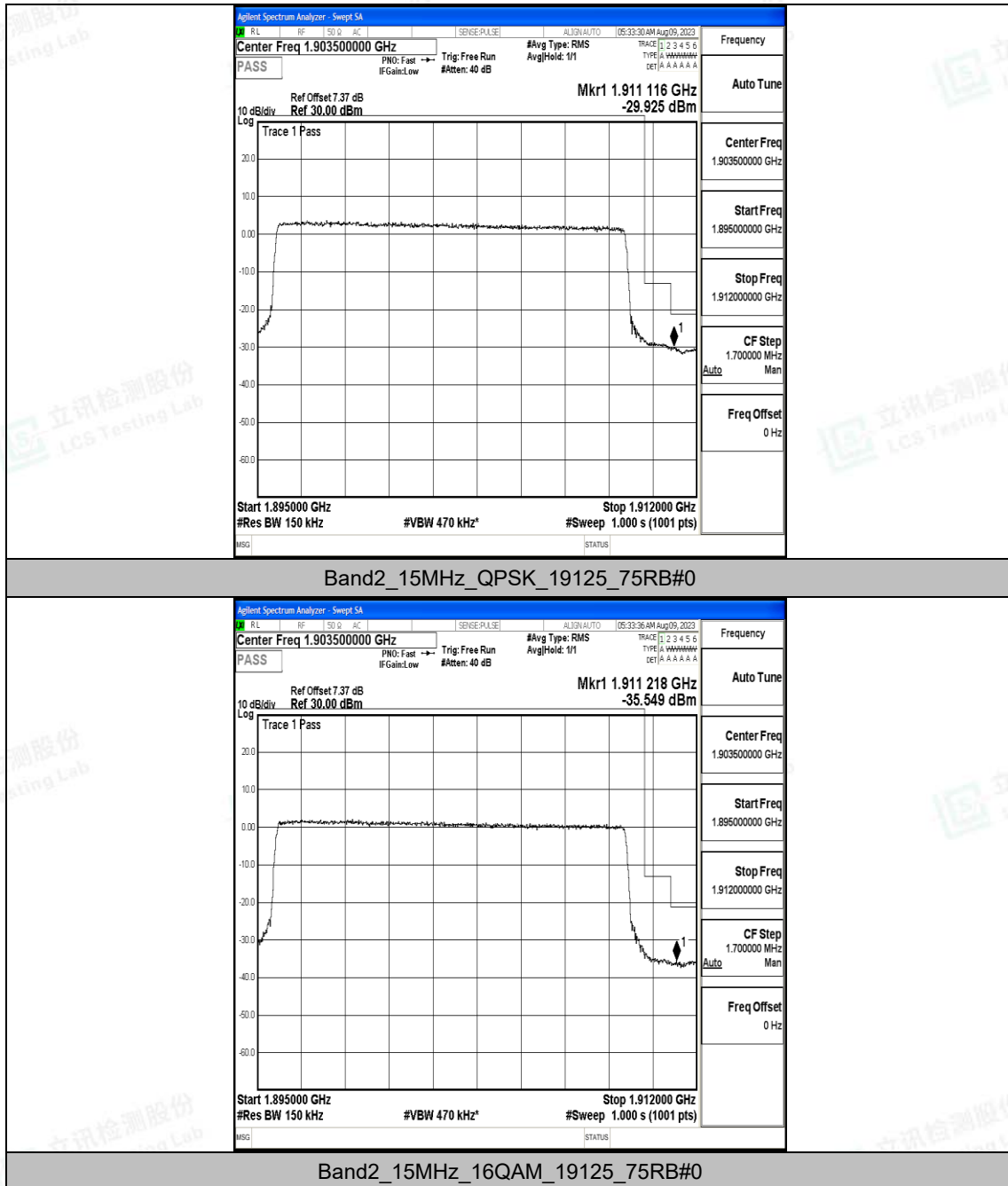


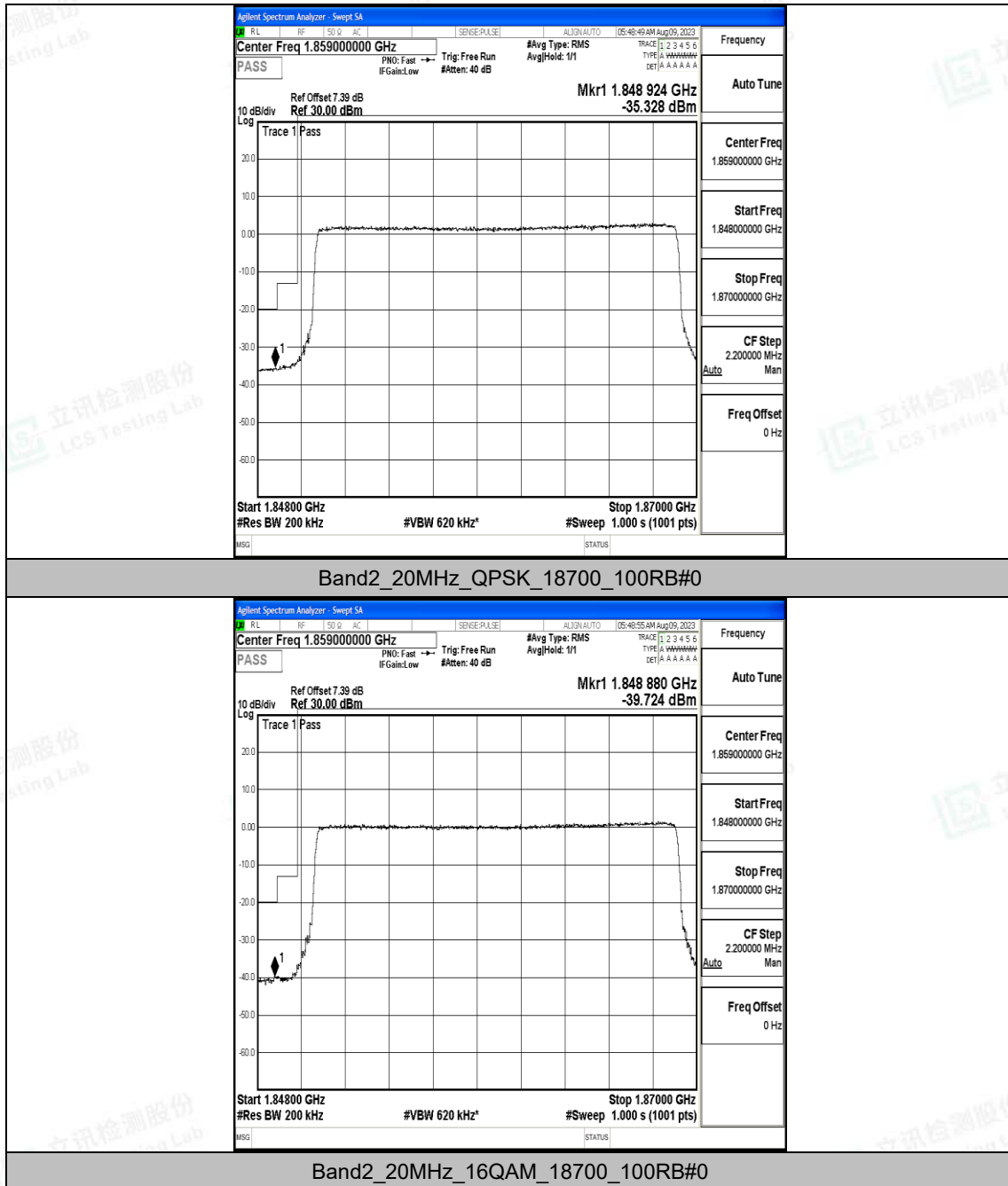


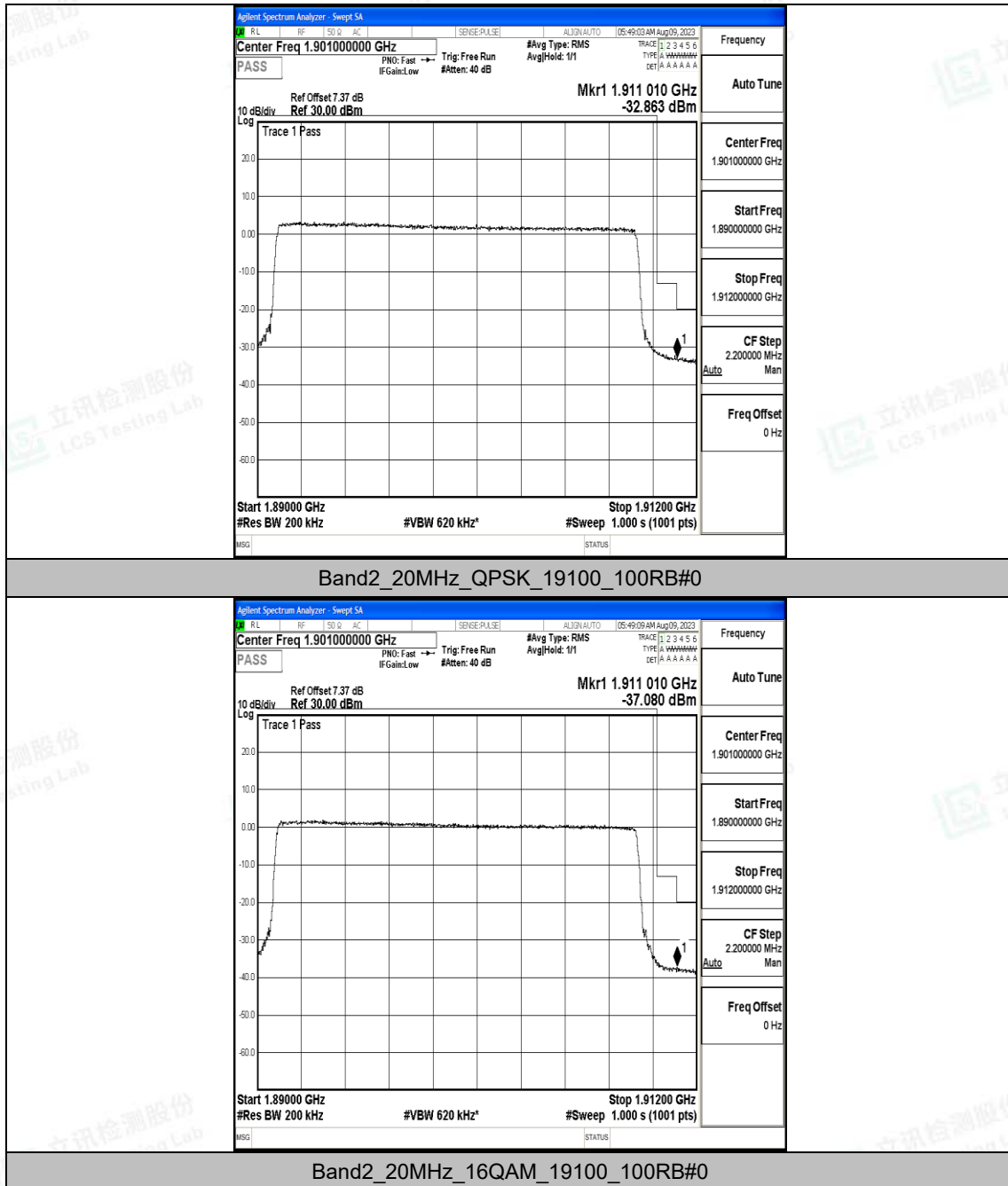














F.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	0.009~0.15	-64.91	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	0.15~30	-52.12	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	30~1000	-53.69	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	1000~3000	-43.63	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	3000~20000	-33.12	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.009~0.15	-62.38	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.15~30	-53.02	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	30~1000	-53.88	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	1000~3000	-43.37	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	3000~20000	-33.40	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.009~0.15	-64.07	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.15~30	-54.33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	30~1000	-53.89	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	1000~3000	-43.92	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	3000~20000	-33.14	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.009~0.15	-62.85	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.15~30	-53.42	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	30~1000	-53.86	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	1000~3000	-42.11	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	3000~20000	-33.20	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.009~0.15	-63.07	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.15~30	-54.73	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	30~1000	-53.90	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	1000~3000	-43.40	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3000~20000	-33.18	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.009~0.15	-65.40	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.15~30	-51.30	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	30~1000	-53.79	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	1000~3000	-43.73	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	3000~20000	-33.29	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.009~0.15	-64.06	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.15~30	-52.20	PASS
Band2	3MHz	QPSK	18615	1RB#0	30~1000	-53.84	PASS
Band2	3MHz	QPSK	18615	1RB#0	1000~3000	-46.82	PASS
Band2	3MHz	QPSK	18615	1RB#0	3000~20000	-33.27	PASS



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Band2	3MHz	16QAM	18615	1RB#0	0.009~0.15	-65.32	PASS
Band2	3MHz	16QAM	18615	1RB#0	0.15~30	-55.18	PASS
Band2	3MHz	16QAM	18615	1RB#0	30~1000	-53.92	PASS
Band2	3MHz	16QAM	18615	1RB#0	1000~3000	-46.29	PASS
Band2	3MHz	16QAM	18615	1RB#0	3000~20000	-33.30	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.009~0.15	-64.52	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.15~30	-52.82	PASS
Band2	3MHz	QPSK	18900	1RB#0	30~1000	-53.82	PASS
Band2	3MHz	QPSK	18900	1RB#0	1000~3000	-46.51	PASS
Band2	3MHz	QPSK	18900	1RB#0	3000~20000	-32.99	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.009~0.15	-66.14	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.15~30	-51.70	PASS
Band2	3MHz	16QAM	18900	1RB#0	30~1000	-53.86	PASS
Band2	3MHz	16QAM	18900	1RB#0	1000~3000	-47.06	PASS
Band2	3MHz	16QAM	18900	1RB#0	3000~20000	-33.24	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.009~0.15	-64.38	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.15~30	-53.44	PASS
Band2	3MHz	QPSK	19185	1RB#0	30~1000	-53.83	PASS
Band2	3MHz	QPSK	19185	1RB#0	1000~3000	-45.29	PASS
Band2	3MHz	QPSK	19185	1RB#0	3000~20000	-33.09	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.009~0.15	-62.40	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.15~30	-54.33	PASS
Band2	3MHz	16QAM	19185	1RB#0	30~1000	-53.82	PASS
Band2	3MHz	16QAM	19185	1RB#0	1000~3000	-46.60	PASS
Band2	3MHz	16QAM	19185	1RB#0	3000~20000	-33.20	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.009~0.15	-65.22	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.15~30	-51.21	PASS
Band2	5MHz	QPSK	18625	1RB#0	30~1000	-53.85	PASS
Band2	5MHz	QPSK	18625	1RB#0	1000~3000	-48.05	PASS
Band2	5MHz	QPSK	18625	1RB#0	3000~20000	-33.38	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.009~0.15	-65.83	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.15~30	-52.44	PASS
Band2	5MHz	16QAM	18625	1RB#0	30~1000	-53.86	PASS
Band2	5MHz	16QAM	18625	1RB#0	1000~3000	-48.02	PASS
Band2	5MHz	16QAM	18625	1RB#0	3000~20000	-33.24	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.009~0.15	-65.27	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.15~30	-52.27	PASS
Band2	5MHz	QPSK	18900	1RB#0	30~1000	-53.88	PASS
Band2	5MHz	QPSK	18900	1RB#0	1000~3000	-47.73	PASS
Band2	5MHz	QPSK	18900	1RB#0	3000~20000	-32.99	PASS



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Band2	5MHz	16QAM	18900	1RB#0	0.009~0.15	-66.33	PASS
Band2	5MHz	16QAM	18900	1RB#0	0.15~30	-52.33	PASS
Band2	5MHz	16QAM	18900	1RB#0	30~1000	-53.93	PASS
Band2	5MHz	16QAM	18900	1RB#0	1000~3000	-46.48	PASS
Band2	5MHz	16QAM	18900	1RB#0	3000~20000	-33.64	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.009~0.15	-64.07	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.15~30	-53.35	PASS
Band2	5MHz	QPSK	19175	1RB#0	30~1000	-53.92	PASS
Band2	5MHz	QPSK	19175	1RB#0	1000~3000	-47.86	PASS
Band2	5MHz	QPSK	19175	1RB#0	3000~20000	-32.71	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.009~0.15	-65.57	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.15~30	-53.15	PASS
Band2	5MHz	16QAM	19175	1RB#0	30~1000	-53.99	PASS
Band2	5MHz	16QAM	19175	1RB#0	1000~3000	-47.97	PASS
Band2	5MHz	16QAM	19175	1RB#0	3000~20000	-33.37	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.009~0.15	-65.89	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.15~30	-53.94	PASS
Band2	10MHz	QPSK	18650	1RB#0	30~1000	-53.79	PASS
Band2	10MHz	QPSK	18650	1RB#0	1000~3000	-46.04	PASS
Band2	10MHz	QPSK	18650	1RB#0	3000~20000	-33.25	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.009~0.15	-63.98	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.15~30	-53.45	PASS
Band2	10MHz	16QAM	18650	1RB#0	30~1000	-53.91	PASS
Band2	10MHz	16QAM	18650	1RB#0	1000~3000	-46.99	PASS
Band2	10MHz	16QAM	18650	1RB#0	3000~20000	-32.93	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.009~0.15	-65.07	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.15~30	-53.20	PASS
Band2	10MHz	QPSK	18900	1RB#0	30~1000	-53.85	PASS
Band2	10MHz	QPSK	18900	1RB#0	1000~3000	-47.94	PASS
Band2	10MHz	QPSK	18900	1RB#0	3000~20000	-33.06	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.009~0.15	-59.88	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.15~30	-52.28	PASS
Band2	10MHz	16QAM	18900	1RB#0	30~1000	-53.89	PASS
Band2	10MHz	16QAM	18900	1RB#0	1000~3000	-48.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	3000~20000	-32.78	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.009~0.15	-65.75	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.15~30	-53.49	PASS
Band2	10MHz	QPSK	19150	1RB#0	30~1000	-53.83	PASS
Band2	10MHz	QPSK	19150	1RB#0	1000~3000	-47.65	PASS
Band2	10MHz	QPSK	19150	1RB#0	3000~20000	-33.55	PASS



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Band2	10MHz	16QAM	19150	1RB#0	0.009~0.15	-66.60	PASS
Band2	10MHz	16QAM	19150	1RB#0	0.15~30	-51.98	PASS
Band2	10MHz	16QAM	19150	1RB#0	30~1000	-53.88	PASS
Band2	10MHz	16QAM	19150	1RB#0	1000~3000	-47.98	PASS
Band2	10MHz	16QAM	19150	1RB#0	3000~20000	-33.09	PASS
Band2	15MHz	QPSK	18675	1RB#0	0.009~0.15	-65.22	PASS
Band2	15MHz	QPSK	18675	1RB#0	0.15~30	-52.01	PASS
Band2	15MHz	QPSK	18675	1RB#0	30~1000	-53.91	PASS
Band2	15MHz	QPSK	18675	1RB#0	1000~3000	-43.01	PASS
Band2	15MHz	QPSK	18675	1RB#0	3000~20000	-33.49	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.009~0.15	-63.09	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.15~30	-53.19	PASS
Band2	15MHz	16QAM	18675	1RB#0	30~1000	-53.89	PASS
Band2	15MHz	16QAM	18675	1RB#0	1000~3000	-43.86	PASS
Band2	15MHz	16QAM	18675	1RB#0	3000~20000	-33.30	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.009~0.15	-64.60	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.15~30	-52.07	PASS
Band2	15MHz	QPSK	18900	1RB#0	30~1000	-53.83	PASS
Band2	15MHz	QPSK	18900	1RB#0	1000~3000	-47.93	PASS
Band2	15MHz	QPSK	18900	1RB#0	3000~20000	-32.91	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.009~0.15	-63.55	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.15~30	-54.23	PASS
Band2	15MHz	16QAM	18900	1RB#0	30~1000	-53.93	PASS
Band2	15MHz	16QAM	18900	1RB#0	1000~3000	-47.76	PASS
Band2	15MHz	16QAM	18900	1RB#0	3000~20000	-33.07	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.009~0.15	-67.04	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.15~30	-53.59	PASS
Band2	15MHz	QPSK	19125	1RB#0	30~1000	-53.90	PASS
Band2	15MHz	QPSK	19125	1RB#0	1000~3000	-47.62	PASS
Band2	15MHz	QPSK	19125	1RB#0	3000~20000	-33.59	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.009~0.15	-65.03	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.15~30	-55.64	PASS
Band2	15MHz	16QAM	19125	1RB#0	30~1000	-53.83	PASS
Band2	15MHz	16QAM	19125	1RB#0	1000~3000	-48.06	PASS
Band2	15MHz	16QAM	19125	1RB#0	3000~20000	-32.65	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.009~0.15	-64.28	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.15~30	-52.08	PASS
Band2	20MHz	QPSK	18700	1RB#0	30~1000	-53.91	PASS
Band2	20MHz	QPSK	18700	1RB#0	1000~3000	-44.08	PASS
Band2	20MHz	QPSK	18700	1RB#0	3000~20000	-33.18	PASS



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Band2	20MHz	16QAM	18700	1RB#0	0.009~0.15	-64.22	PASS
Band2	20MHz	16QAM	18700	1RB#0	0.15~30	-53.27	PASS
Band2	20MHz	16QAM	18700	1RB#0	30~1000	-53.94	PASS
Band2	20MHz	16QAM	18700	1RB#0	1000~3000	-45.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	3000~20000	-33.41	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.009~0.15	-64.68	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.15~30	-50.88	PASS
Band2	20MHz	QPSK	18900	1RB#0	30~1000	-53.87	PASS
Band2	20MHz	QPSK	18900	1RB#0	1000~3000	-47.86	PASS
Band2	20MHz	QPSK	18900	1RB#0	3000~20000	-32.99	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.009~0.15	-66.94	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.15~30	-53.03	PASS
Band2	20MHz	16QAM	18900	1RB#0	30~1000	-53.90	PASS
Band2	20MHz	16QAM	18900	1RB#0	1000~3000	-47.92	PASS
Band2	20MHz	16QAM	18900	1RB#0	3000~20000	-33.11	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.009~0.15	-65.20	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.15~30	-52.52	PASS
Band2	20MHz	QPSK	19100	1RB#0	30~1000	-53.85	PASS
Band2	20MHz	QPSK	19100	1RB#0	1000~3000	-47.86	PASS
Band2	20MHz	QPSK	19100	1RB#0	3000~20000	-33.59	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.009~0.15	-64.48	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.15~30	-51.74	PASS
Band2	20MHz	16QAM	19100	1RB#0	30~1000	-53.86	PASS
Band2	20MHz	16QAM	19100	1RB#0	1000~3000	-47.62	PASS
Band2	20MHz	16QAM	19100	1RB#0	3000~20000	-32.83	PASS



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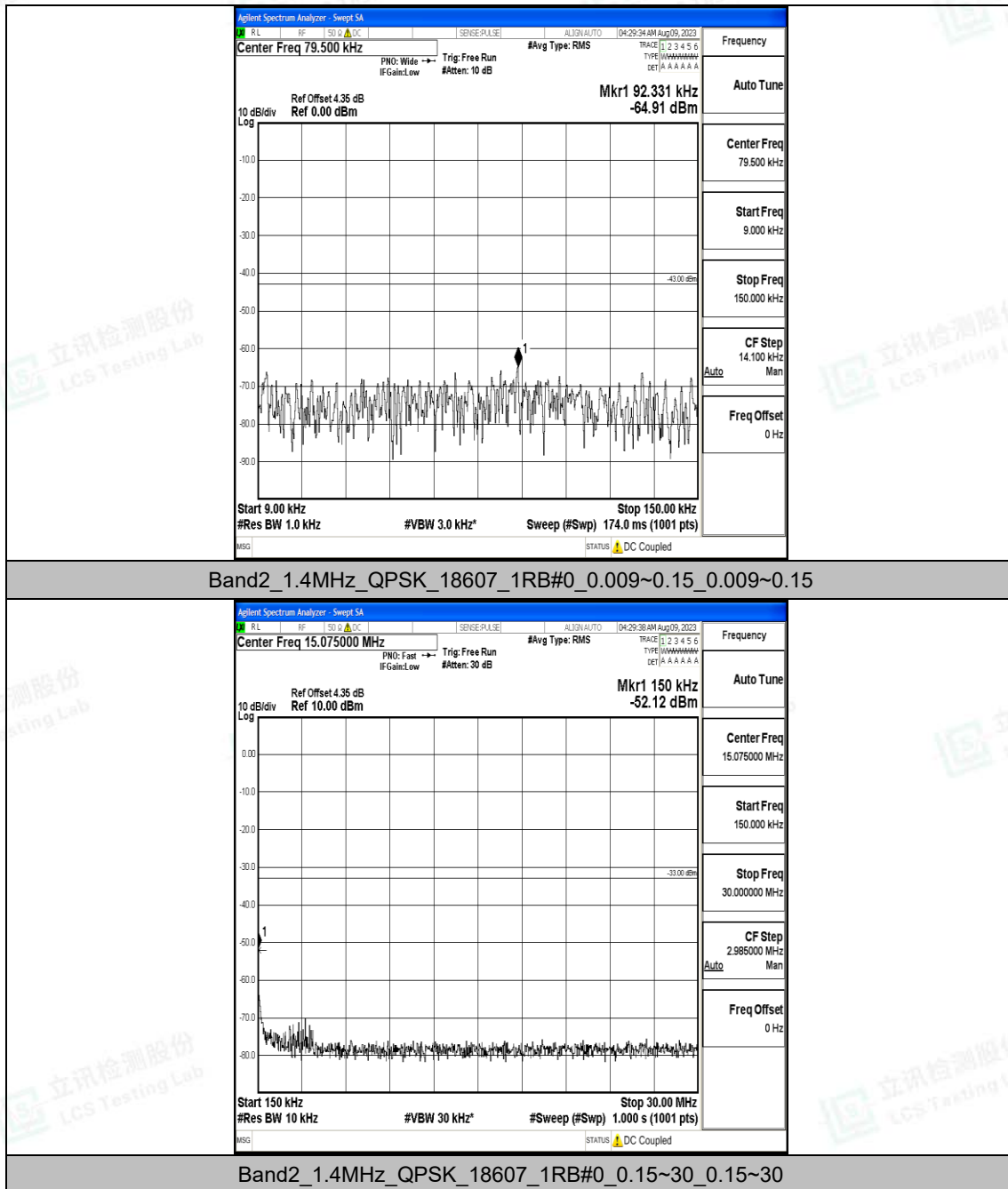
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Test Graphs



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