



Appendix F: Test Data for E-UTRA Band 2

Product Name: Smartphone

Test Model: Smooth 5

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	21.81	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	20.88	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	21.91	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	21.06	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	21.79	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	20.87	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	21.88	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	20.73	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	21.87	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	20.71	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	21.81	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	20.70	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	20.83	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	19.93	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	21.95	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.06	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.07	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	21.27	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	21.95	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	21.09	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.04	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	20.95	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.03	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	20.87	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.04	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	20.90	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.04	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.11	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	21.80	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	20.95	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	21.87	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.09	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	21.82	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	20.98	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	21.86	PASS



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Band2	1.4MHz	16QAM	19193	3RB#0	20.80	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	21.89	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	20.78	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	21.86	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	20.79	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	20.86	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	19.84	PASS
Band2	3MHz	QPSK	18615	1RB#0	21.88	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.07	PASS
Band2	3MHz	QPSK	18615	1RB#8	21.78	PASS
Band2	3MHz	16QAM	18615	1RB#8	20.92	PASS
Band2	3MHz	QPSK	18615	1RB#14	21.76	PASS
Band2	3MHz	16QAM	18615	1RB#14	20.86	PASS
Band2	3MHz	QPSK	18615	8RB#0	20.80	PASS
Band2	3MHz	16QAM	18615	8RB#0	19.88	PASS
Band2	3MHz	QPSK	18615	8RB#4	20.85	PASS
Band2	3MHz	16QAM	18615	8RB#4	19.94	PASS
Band2	3MHz	QPSK	18615	8RB#7	20.78	PASS
Band2	3MHz	16QAM	18615	8RB#7	19.85	PASS
Band2	3MHz	QPSK	18615	15RB#0	20.76	PASS
Band2	3MHz	16QAM	18615	15RB#0	19.80	PASS
Band2	3MHz	QPSK	18900	1RB#0	22.01	PASS
Band2	3MHz	16QAM	18900	1RB#0	21.19	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.03	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.13	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.08	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.24	PASS
Band2	3MHz	QPSK	18900	8RB#0	20.97	PASS
Band2	3MHz	16QAM	18900	8RB#0	20.12	PASS
Band2	3MHz	QPSK	18900	8RB#4	21.01	PASS
Band2	3MHz	16QAM	18900	8RB#4	20.11	PASS
Band2	3MHz	QPSK	18900	8RB#7	21.07	PASS
Band2	3MHz	16QAM	18900	8RB#7	20.11	PASS
Band2	3MHz	QPSK	18900	15RB#0	20.98	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.09	PASS
Band2	3MHz	QPSK	19185	1RB#0	21.91	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.02	PASS
Band2	3MHz	QPSK	19185	1RB#8	21.89	PASS
Band2	3MHz	16QAM	19185	1RB#8	20.94	PASS
Band2	3MHz	QPSK	19185	1RB#14	21.83	PASS



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Band2	3MHz	16QAM	19185	1RB#14	21.00	PASS
Band2	3MHz	QPSK	19185	8RB#0	20.87	PASS
Band2	3MHz	16QAM	19185	8RB#0	19.94	PASS
Band2	3MHz	QPSK	19185	8RB#4	20.91	PASS
Band2	3MHz	16QAM	19185	8RB#4	19.94	PASS
Band2	3MHz	QPSK	19185	8RB#7	20.88	PASS
Band2	3MHz	16QAM	19185	8RB#7	19.94	PASS
Band2	3MHz	QPSK	19185	15RB#0	20.79	PASS
Band2	3MHz	16QAM	19185	15RB#0	19.63	PASS
Band2	5MHz	QPSK	18625	1RB#0	21.33	PASS
Band2	5MHz	16QAM	18625	1RB#0	20.31	PASS
Band2	5MHz	QPSK	18625	1RB#12	21.33	PASS
Band2	5MHz	16QAM	18625	1RB#12	20.25	PASS
Band2	5MHz	QPSK	18625	1RB#24	21.13	PASS
Band2	5MHz	16QAM	18625	1RB#24	20.11	PASS
Band2	5MHz	QPSK	18625	12RB#0	20.24	PASS
Band2	5MHz	16QAM	18625	12RB#0	19.34	PASS
Band2	5MHz	QPSK	18625	12RB#6	20.20	PASS
Band2	5MHz	16QAM	18625	12RB#6	19.35	PASS
Band2	5MHz	QPSK	18625	12RB#13	20.17	PASS
Band2	5MHz	16QAM	18625	12RB#13	19.23	PASS
Band2	5MHz	QPSK	18625	25RB#0	20.20	PASS
Band2	5MHz	16QAM	18625	25RB#0	19.28	PASS
Band2	5MHz	QPSK	18900	1RB#0	21.49	PASS
Band2	5MHz	16QAM	18900	1RB#0	20.45	PASS
Band2	5MHz	QPSK	18900	1RB#12	21.59	PASS
Band2	5MHz	16QAM	18900	1RB#12	20.59	PASS
Band2	5MHz	QPSK	18900	1RB#24	21.59	PASS
Band2	5MHz	16QAM	18900	1RB#24	20.57	PASS
Band2	5MHz	QPSK	18900	12RB#0	20.47	PASS
Band2	5MHz	16QAM	18900	12RB#0	19.51	PASS
Band2	5MHz	QPSK	18900	12RB#6	20.45	PASS
Band2	5MHz	16QAM	18900	12RB#6	19.52	PASS
Band2	5MHz	QPSK	18900	12RB#13	20.55	PASS
Band2	5MHz	16QAM	18900	12RB#13	19.59	PASS
Band2	5MHz	QPSK	18900	25RB#0	20.51	PASS
Band2	5MHz	16QAM	18900	25RB#0	19.58	PASS
Band2	5MHz	QPSK	19175	1RB#0	21.37	PASS
Band2	5MHz	16QAM	19175	1RB#0	20.49	PASS
Band2	5MHz	QPSK	19175	1RB#12	21.43	PASS



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Band2	5MHz	16QAM	19175	1RB#12	20.66	PASS
Band2	5MHz	QPSK	19175	1RB#24	21.33	PASS
Band2	5MHz	16QAM	19175	1RB#24	20.50	PASS
Band2	5MHz	QPSK	19175	12RB#0	20.40	PASS
Band2	5MHz	16QAM	19175	12RB#0	19.50	PASS
Band2	5MHz	QPSK	19175	12RB#6	20.38	PASS
Band2	5MHz	16QAM	19175	12RB#6	19.46	PASS
Band2	5MHz	QPSK	19175	12RB#13	20.27	PASS
Band2	5MHz	16QAM	19175	12RB#13	19.38	PASS
Band2	5MHz	QPSK	19175	25RB#0	20.38	PASS
Band2	5MHz	16QAM	19175	25RB#0	19.42	PASS
Band2	10MHz	QPSK	18650	1RB#0	21.35	PASS
Band2	10MHz	16QAM	18650	1RB#0	20.51	PASS
Band2	10MHz	QPSK	18650	1RB#24	21.32	PASS
Band2	10MHz	16QAM	18650	1RB#24	20.41	PASS
Band2	10MHz	QPSK	18650	1RB#49	21.02	PASS
Band2	10MHz	16QAM	18650	1RB#49	20.14	PASS
Band2	10MHz	QPSK	18650	25RB#0	20.28	PASS
Band2	10MHz	16QAM	18650	25RB#0	19.29	PASS
Band2	10MHz	QPSK	18650	25RB#12	20.26	PASS
Band2	10MHz	16QAM	18650	25RB#12	19.31	PASS
Band2	10MHz	QPSK	18650	25RB#25	20.12	PASS
Band2	10MHz	16QAM	18650	25RB#25	19.17	PASS
Band2	10MHz	QPSK	18650	50RB#0	20.15	PASS
Band2	10MHz	16QAM	18650	50RB#0	19.19	PASS
Band2	10MHz	QPSK	18900	1RB#0	21.42	PASS
Band2	10MHz	16QAM	18900	1RB#0	20.60	PASS
Band2	10MHz	QPSK	18900	1RB#24	21.67	PASS
Band2	10MHz	16QAM	18900	1RB#24	20.81	PASS
Band2	10MHz	QPSK	18900	1RB#49	21.62	PASS
Band2	10MHz	16QAM	18900	1RB#49	20.78	PASS
Band2	10MHz	QPSK	18900	25RB#0	20.51	PASS
Band2	10MHz	16QAM	18900	25RB#0	19.53	PASS
Band2	10MHz	QPSK	18900	25RB#12	20.52	PASS
Band2	10MHz	16QAM	18900	25RB#12	19.53	PASS
Band2	10MHz	QPSK	18900	25RB#25	20.62	PASS
Band2	10MHz	16QAM	18900	25RB#25	19.66	PASS
Band2	10MHz	QPSK	18900	50RB#0	20.59	PASS
Band2	10MHz	16QAM	18900	50RB#0	19.59	PASS
Band2	10MHz	QPSK	19150	1RB#0	21.46	PASS



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Band2	10MHz	16QAM	19150	1RB#0	20.55	PASS
Band2	10MHz	QPSK	19150	1RB#24	21.55	PASS
Band2	10MHz	16QAM	19150	1RB#24	20.66	PASS
Band2	10MHz	QPSK	19150	1RB#49	21.42	PASS
Band2	10MHz	16QAM	19150	1RB#49	20.57	PASS
Band2	10MHz	QPSK	19150	25RB#0	20.60	PASS
Band2	10MHz	16QAM	19150	25RB#0	19.60	PASS
Band2	10MHz	QPSK	19150	25RB#12	20.54	PASS
Band2	10MHz	16QAM	19150	25RB#12	19.62	PASS
Band2	10MHz	QPSK	19150	25RB#25	20.34	PASS
Band2	10MHz	16QAM	19150	25RB#25	19.43	PASS
Band2	10MHz	QPSK	19150	50RB#0	20.45	PASS
Band2	10MHz	16QAM	19150	50RB#0	19.50	PASS
Band2	15MHz	QPSK	18675	1RB#0	21.29	PASS
Band2	15MHz	16QAM	18675	1RB#0	20.43	PASS
Band2	15MHz	QPSK	18675	1RB#38	21.08	PASS
Band2	15MHz	16QAM	18675	1RB#38	20.20	PASS
Band2	15MHz	QPSK	18675	1RB#74	20.96	PASS
Band2	15MHz	16QAM	18675	1RB#74	20.13	PASS
Band2	15MHz	QPSK	18675	38RB#0	20.16	PASS
Band2	15MHz	16QAM	18675	38RB#0	20.15	PASS
Band2	15MHz	QPSK	18675	38RB#18	20.19	PASS
Band2	15MHz	16QAM	18675	38RB#18	20.17	PASS
Band2	15MHz	QPSK	18675	38RB#37	20.15	PASS
Band2	15MHz	16QAM	18675	38RB#37	20.18	PASS
Band2	15MHz	QPSK	18675	75RB#0	20.19	PASS
Band2	15MHz	16QAM	18675	75RB#0	19.16	PASS
Band2	15MHz	QPSK	18900	1RB#0	21.28	PASS
Band2	15MHz	16QAM	18900	1RB#0	20.35	PASS
Band2	15MHz	QPSK	18900	1RB#38	21.56	PASS
Band2	15MHz	16QAM	18900	1RB#38	20.69	PASS
Band2	15MHz	QPSK	18900	1RB#74	21.53	PASS
Band2	15MHz	16QAM	18900	1RB#74	20.72	PASS
Band2	15MHz	QPSK	18900	38RB#0	20.54	PASS
Band2	15MHz	16QAM	18900	38RB#0	20.53	PASS
Band2	15MHz	QPSK	18900	38RB#18	20.53	PASS
Band2	15MHz	16QAM	18900	38RB#18	20.52	PASS
Band2	15MHz	QPSK	18900	38RB#37	20.53	PASS
Band2	15MHz	16QAM	18900	38RB#37	20.57	PASS
Band2	15MHz	QPSK	18900	75RB#0	20.54	PASS



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Band2	15MHz	16QAM	18900	75RB#0	19.56	PASS
Band2	15MHz	QPSK	19125	1RB#0	21.44	PASS
Band2	15MHz	16QAM	19125	1RB#0	20.60	PASS
Band2	15MHz	QPSK	19125	1RB#38	21.41	PASS
Band2	15MHz	16QAM	19125	1RB#38	20.63	PASS
Band2	15MHz	QPSK	19125	1RB#74	21.23	PASS
Band2	15MHz	16QAM	19125	1RB#74	20.79	PASS
Band2	15MHz	QPSK	19125	38RB#0	20.52	PASS
Band2	15MHz	16QAM	19125	38RB#0	20.54	PASS
Band2	15MHz	QPSK	19125	38RB#18	20.49	PASS
Band2	15MHz	16QAM	19125	38RB#18	20.50	PASS
Band2	15MHz	QPSK	19125	38RB#37	20.52	PASS
Band2	15MHz	16QAM	19125	38RB#37	20.51	PASS
Band2	15MHz	QPSK	19125	75RB#0	20.48	PASS
Band2	15MHz	16QAM	19125	75RB#0	19.54	PASS
Band2	20MHz	QPSK	18700	1RB#0	21.27	PASS
Band2	20MHz	16QAM	18700	1RB#0	20.22	PASS
Band2	20MHz	QPSK	18700	1RB#49	21.31	PASS
Band2	20MHz	16QAM	18700	1RB#49	20.23	PASS
Band2	20MHz	QPSK	18700	1RB#99	21.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	19.99	PASS
Band2	20MHz	QPSK	18700	50RB#0	20.09	PASS
Band2	20MHz	16QAM	18700	50RB#0	19.17	PASS
Band2	20MHz	QPSK	18700	50RB#25	20.12	PASS
Band2	20MHz	16QAM	18700	50RB#25	19.18	PASS
Band2	20MHz	QPSK	18700	50RB#50	20.03	PASS
Band2	20MHz	16QAM	18700	50RB#50	19.09	PASS
Band2	20MHz	QPSK	18700	100RB#0	20.08	PASS
Band2	20MHz	16QAM	18700	100RB#0	19.12	PASS
Band2	20MHz	QPSK	18900	1RB#0	21.22	PASS
Band2	20MHz	16QAM	18900	1RB#0	20.09	PASS
Band2	20MHz	QPSK	18900	1RB#49	21.67	PASS
Band2	20MHz	16QAM	18900	1RB#49	20.75	PASS
Band2	20MHz	QPSK	18900	1RB#99	21.47	PASS
Band2	20MHz	16QAM	18900	1RB#99	20.44	PASS
Band2	20MHz	QPSK	18900	50RB#0	20.45	PASS
Band2	20MHz	16QAM	18900	50RB#0	19.52	PASS
Band2	20MHz	QPSK	18900	50RB#25	20.47	PASS
Band2	20MHz	16QAM	18900	50RB#25	19.53	PASS
Band2	20MHz	QPSK	18900	50RB#50	20.61	PASS



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Band2	20MHz	16QAM	18900	50RB#50	19.68	PASS
Band2	20MHz	QPSK	18900	100RB#0	20.59	PASS
Band2	20MHz	16QAM	18900	100RB#0	19.55	PASS
Band2	20MHz	QPSK	19100	1RB#0	21.38	PASS
Band2	20MHz	16QAM	19100	1RB#0	20.51	PASS
Band2	20MHz	QPSK	19100	1RB#49	21.66	PASS
Band2	20MHz	16QAM	19100	1RB#49	20.70	PASS
Band2	20MHz	QPSK	19100	1RB#99	21.16	PASS
Band2	20MHz	16QAM	19100	1RB#99	20.30	PASS
Band2	20MHz	QPSK	19100	50RB#0	20.59	PASS
Band2	20MHz	16QAM	19100	50RB#0	19.64	PASS
Band2	20MHz	QPSK	19100	50RB#25	20.60	PASS
Band2	20MHz	16QAM	19100	50RB#25	19.66	PASS
Band2	20MHz	QPSK	19100	50RB#50	20.25	PASS
Band2	20MHz	16QAM	19100	50RB#50	19.30	PASS
Band2	20MHz	QPSK	19100	100RB#0	20.46	PASS
Band2	20MHz	16QAM	19100	100RB#0	19.45	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	5.16	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.84	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.38	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.10	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	5.42	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	6.00	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.17	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.97	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.42	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.33	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.30	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.20	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.25	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	6.04	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.60	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.16	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.46	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	6.13	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.16	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	5.91	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.52	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.14	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.25	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	5.96	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.61	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.20	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	6.11	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.55	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	6.21	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.61	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.51	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.27	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.72	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.47	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.88	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.48	13	PASS



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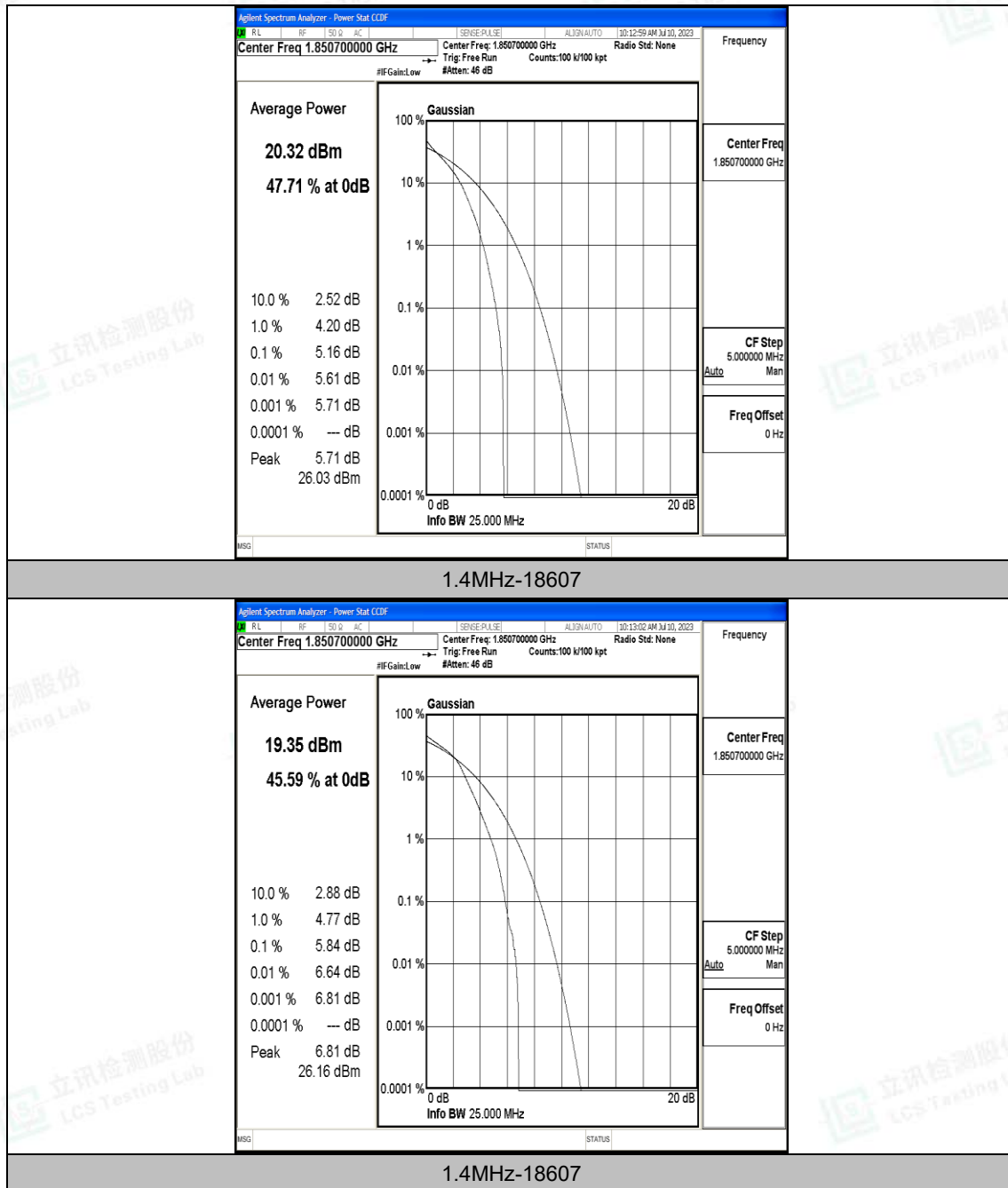
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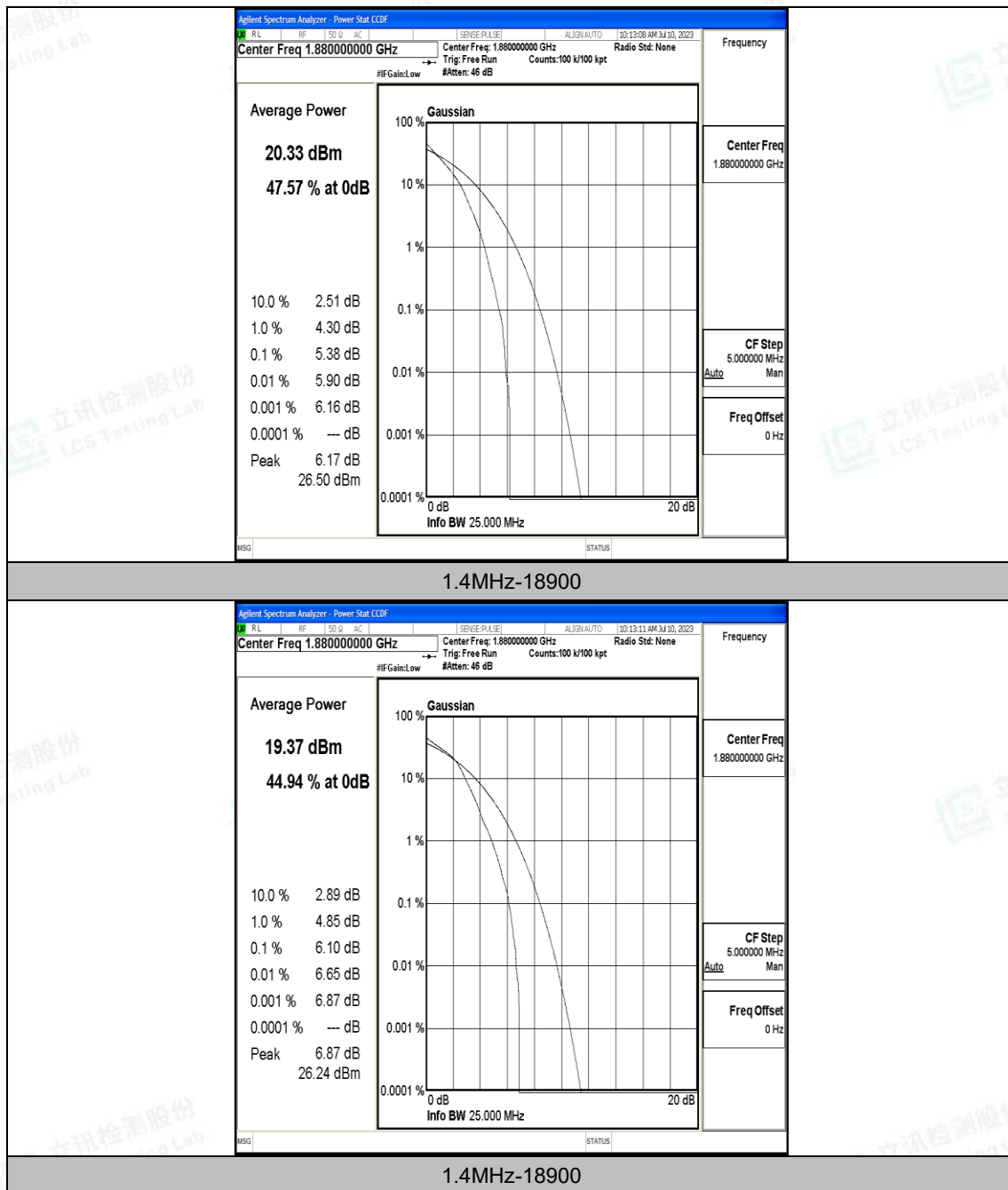
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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Test Graphs



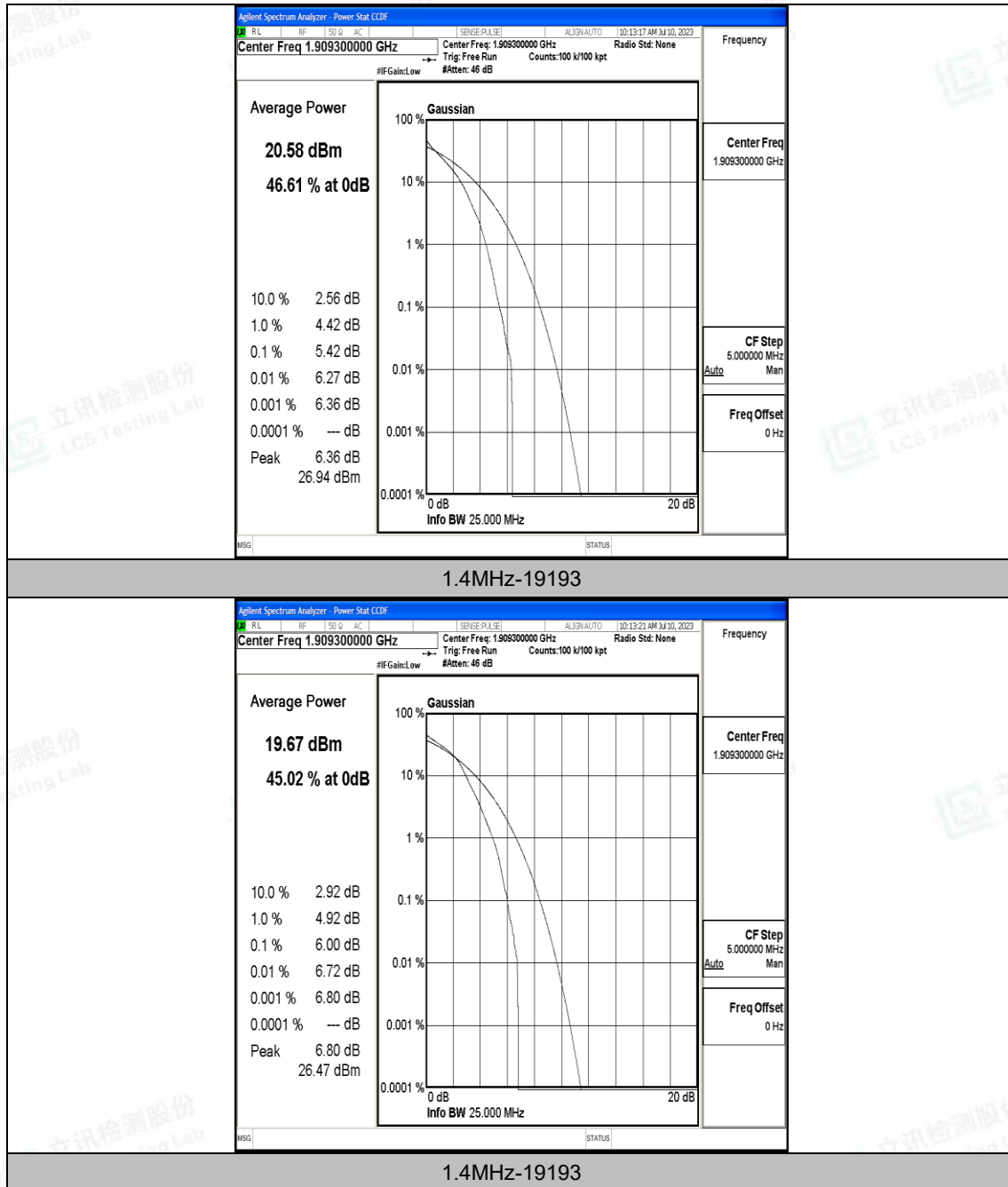


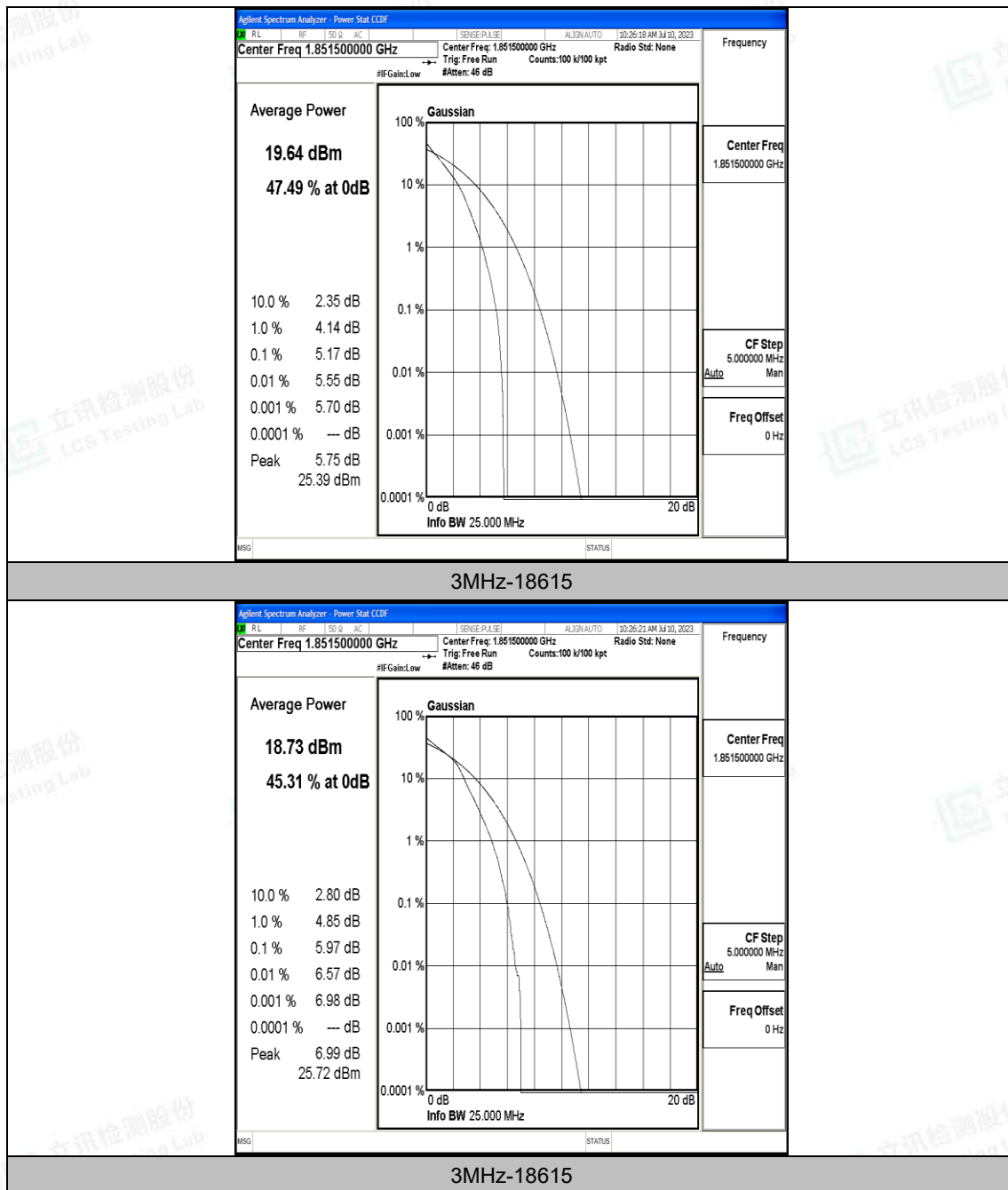
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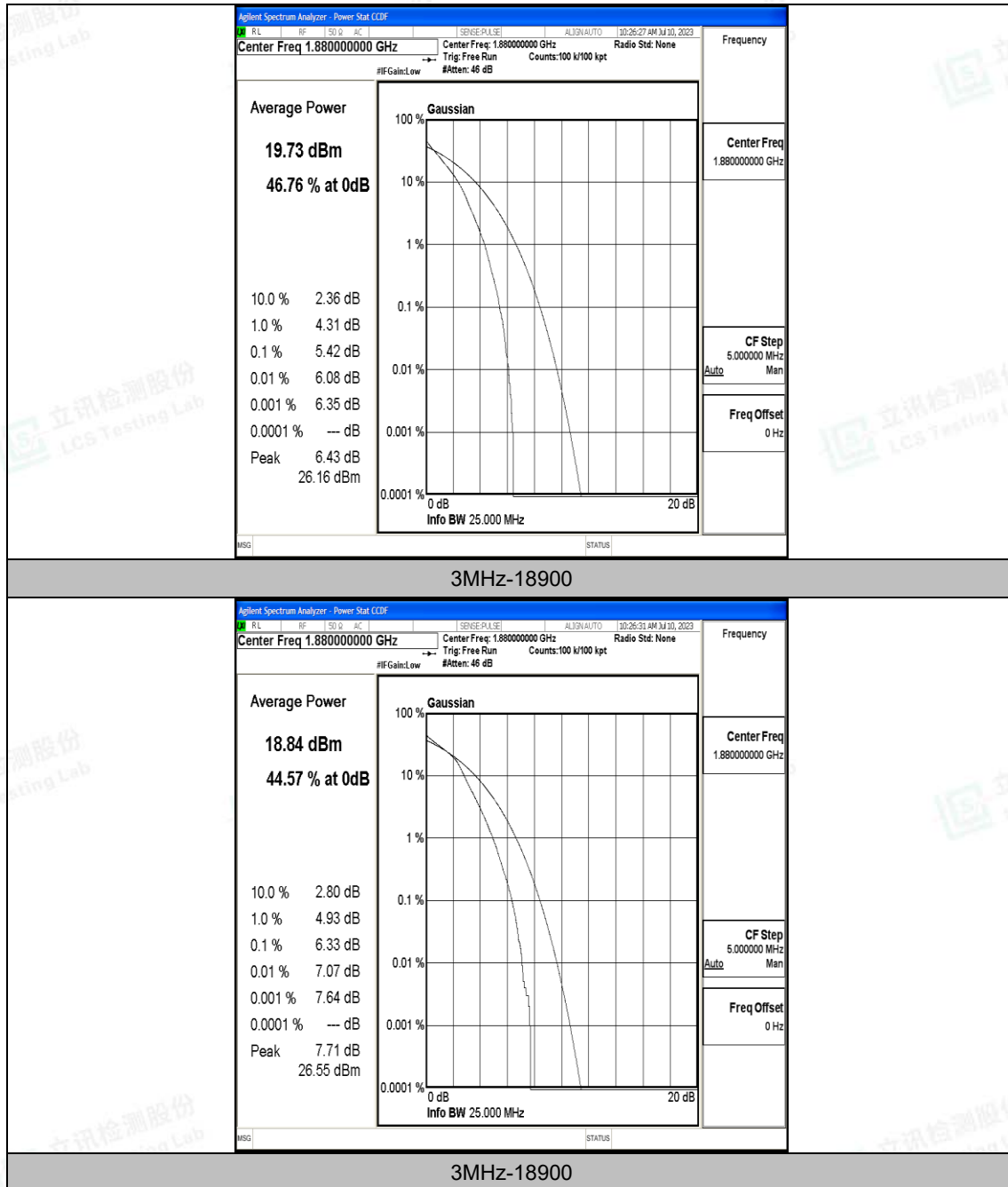


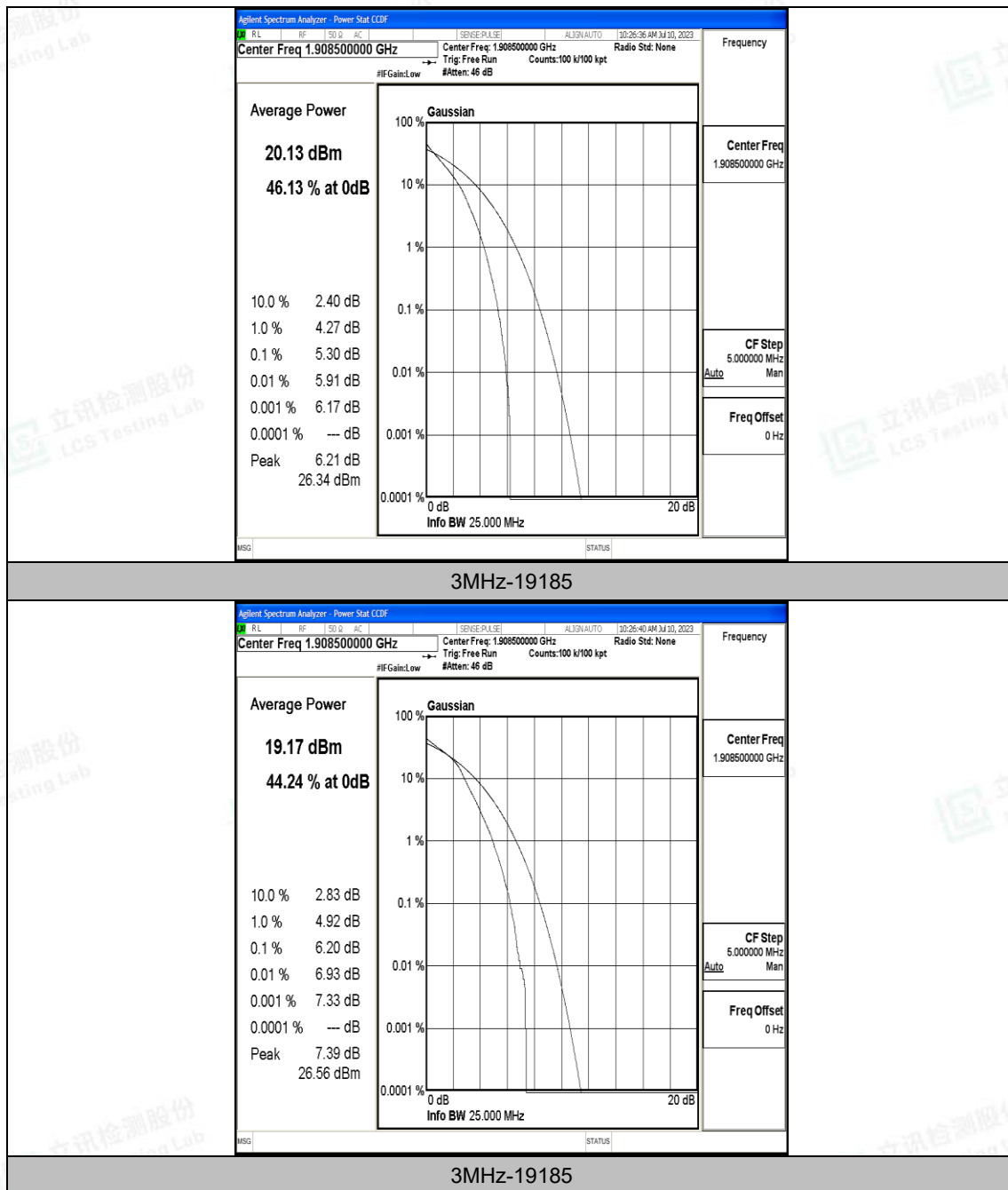
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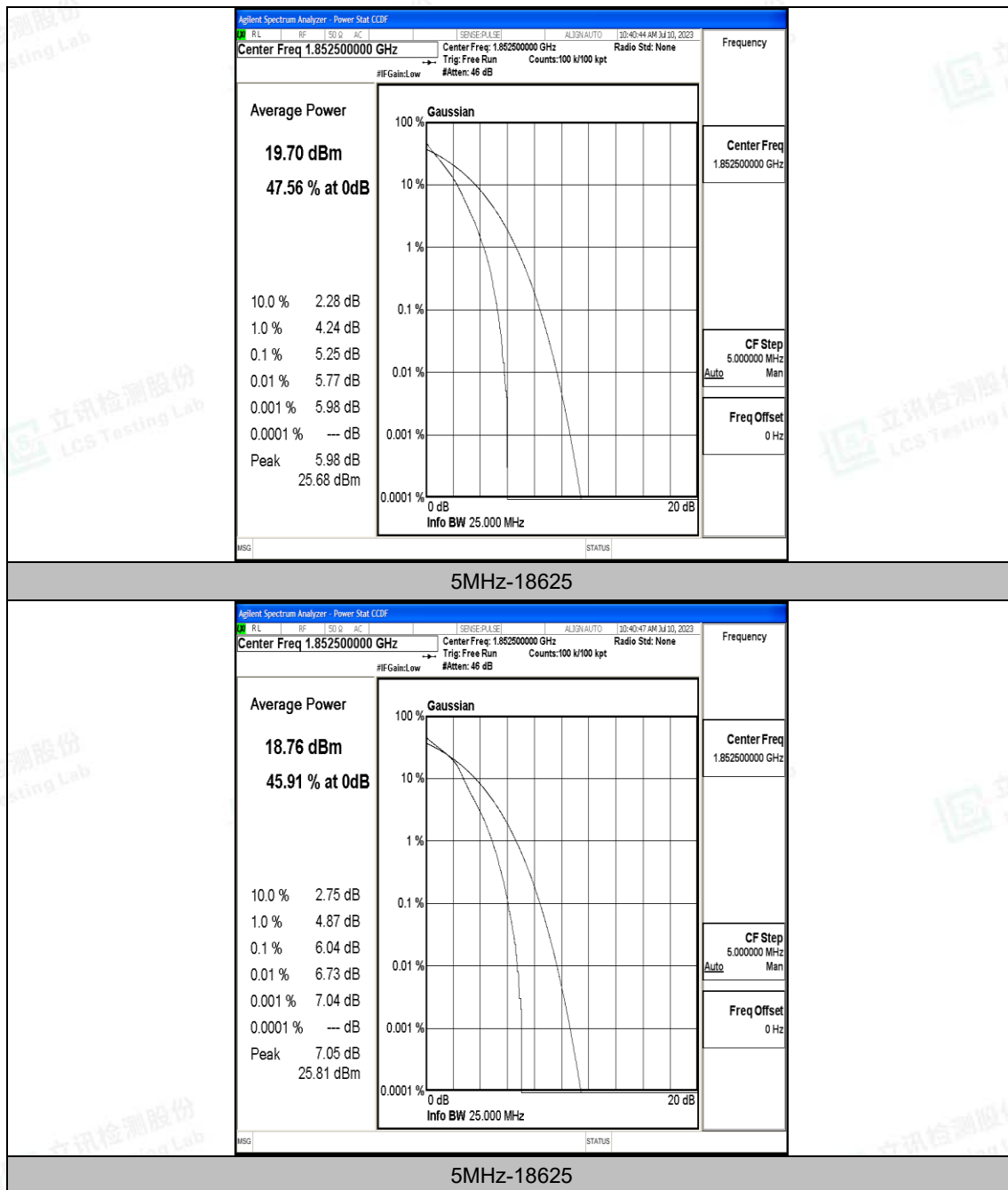
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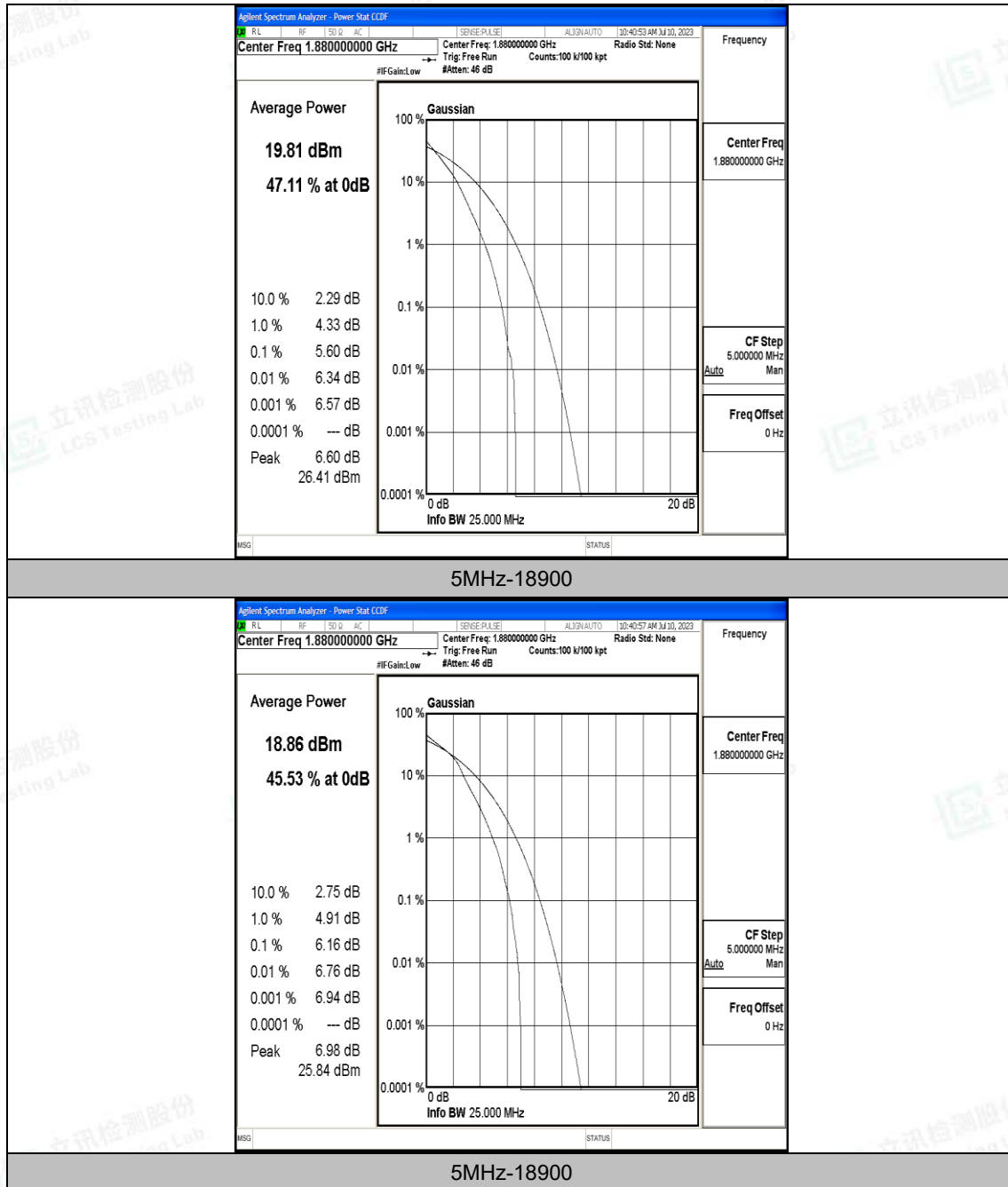


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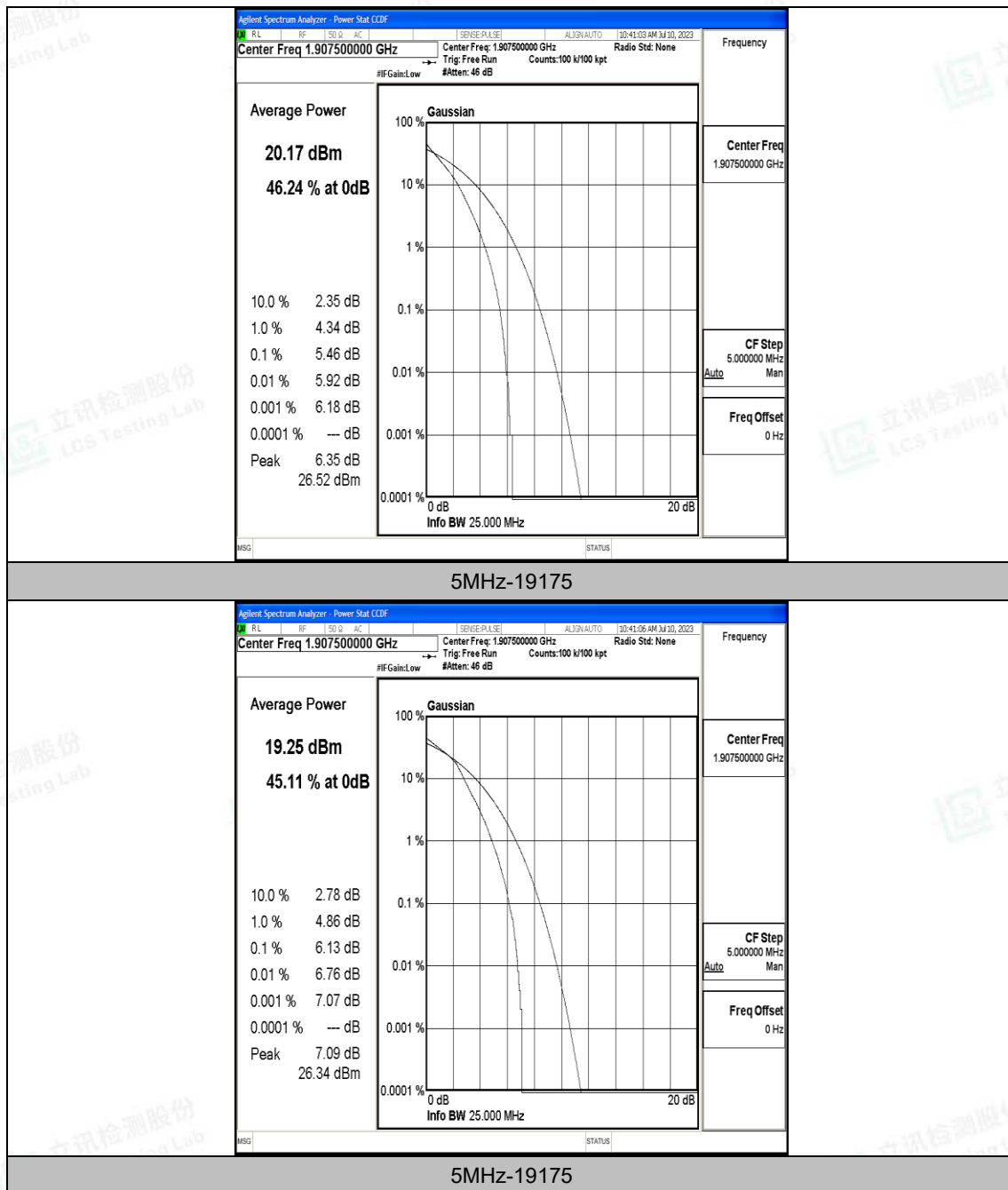


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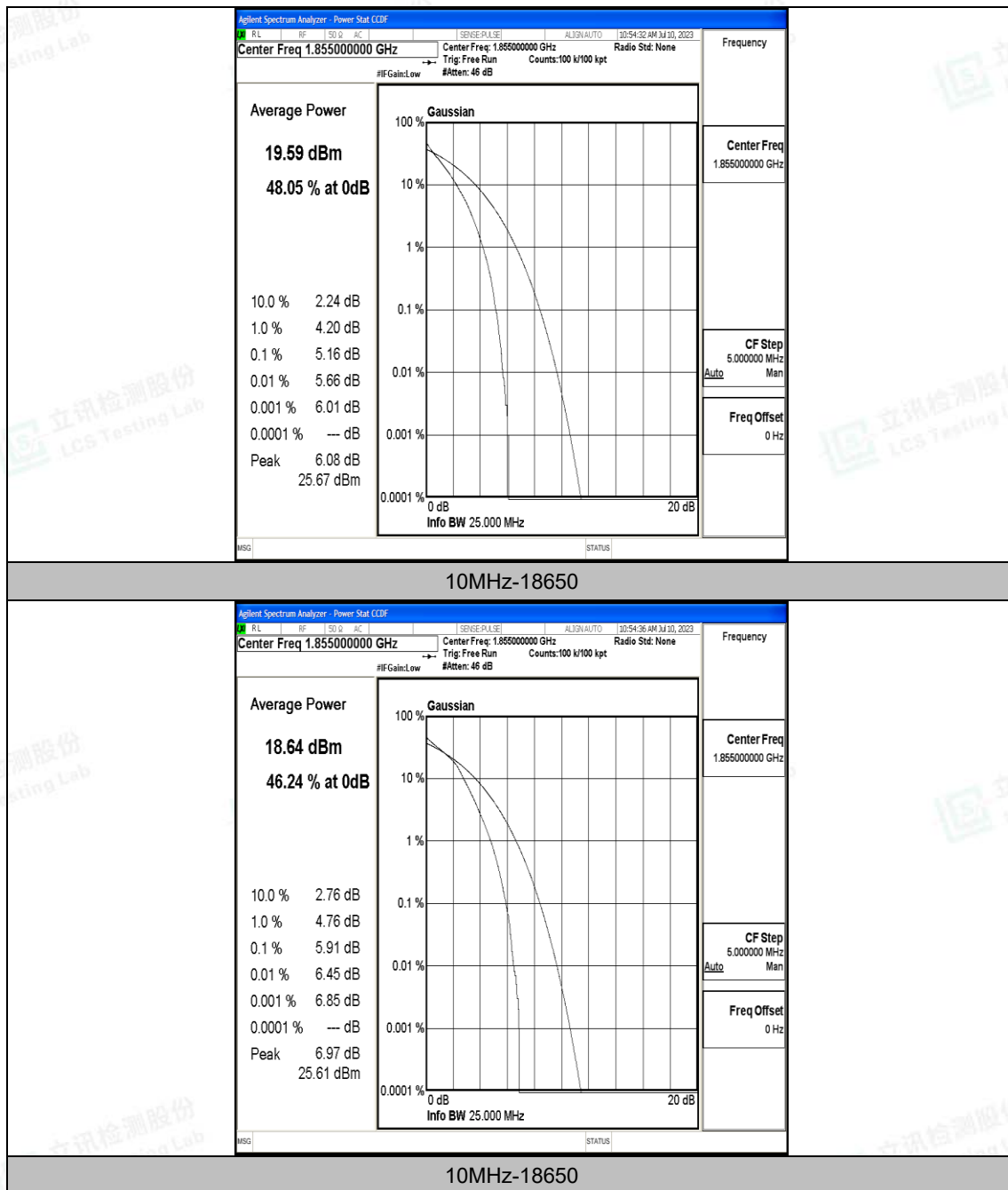


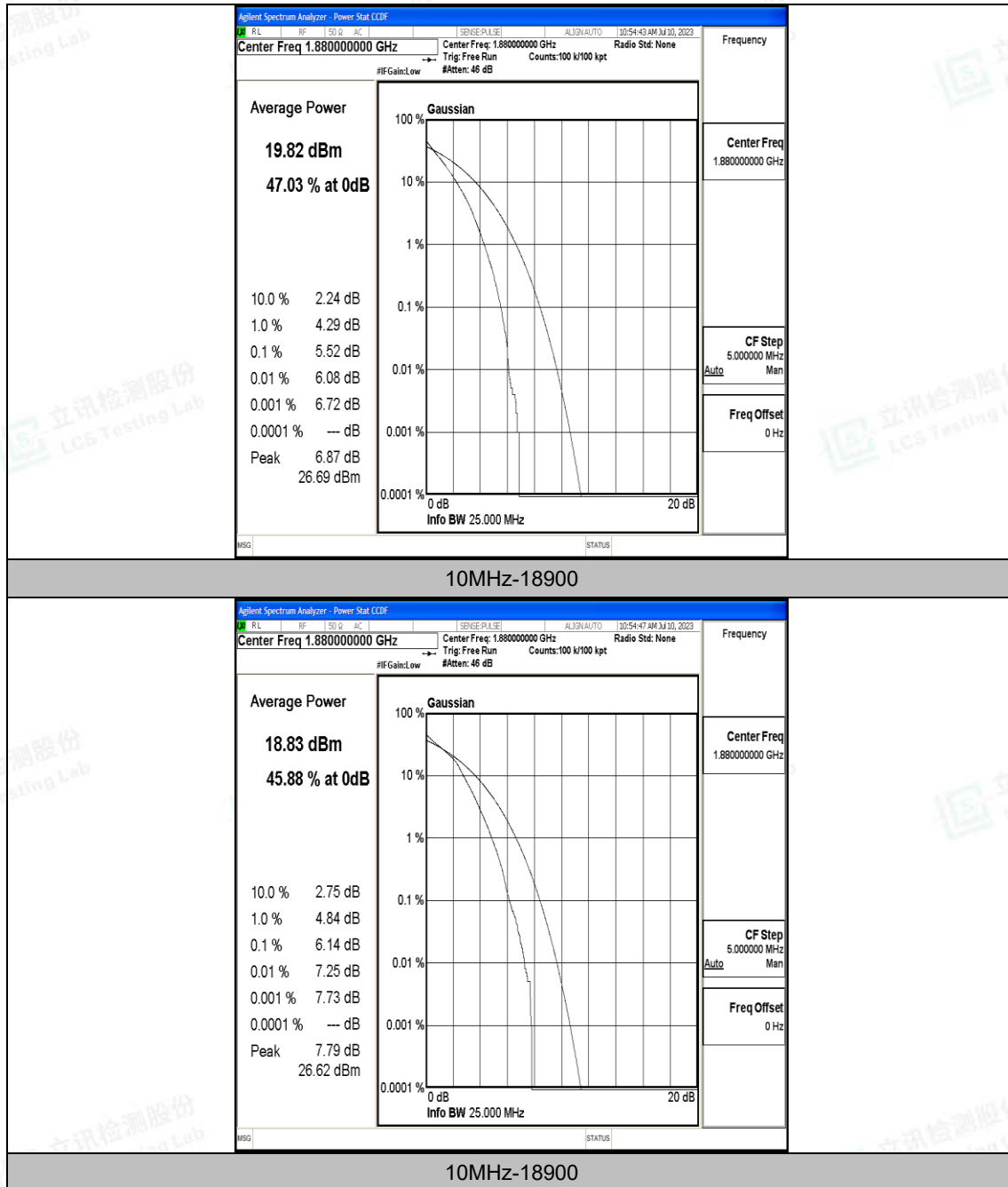
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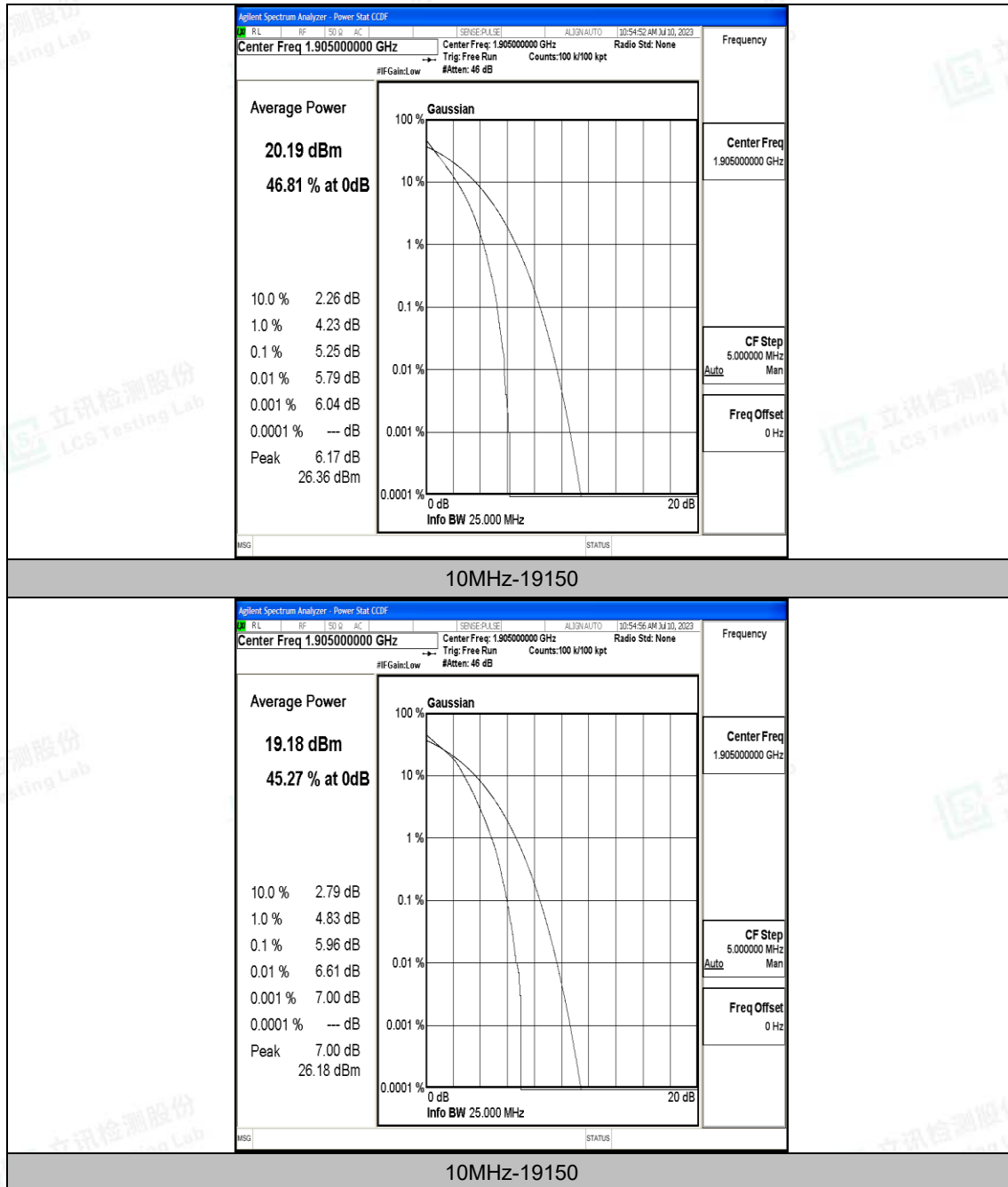


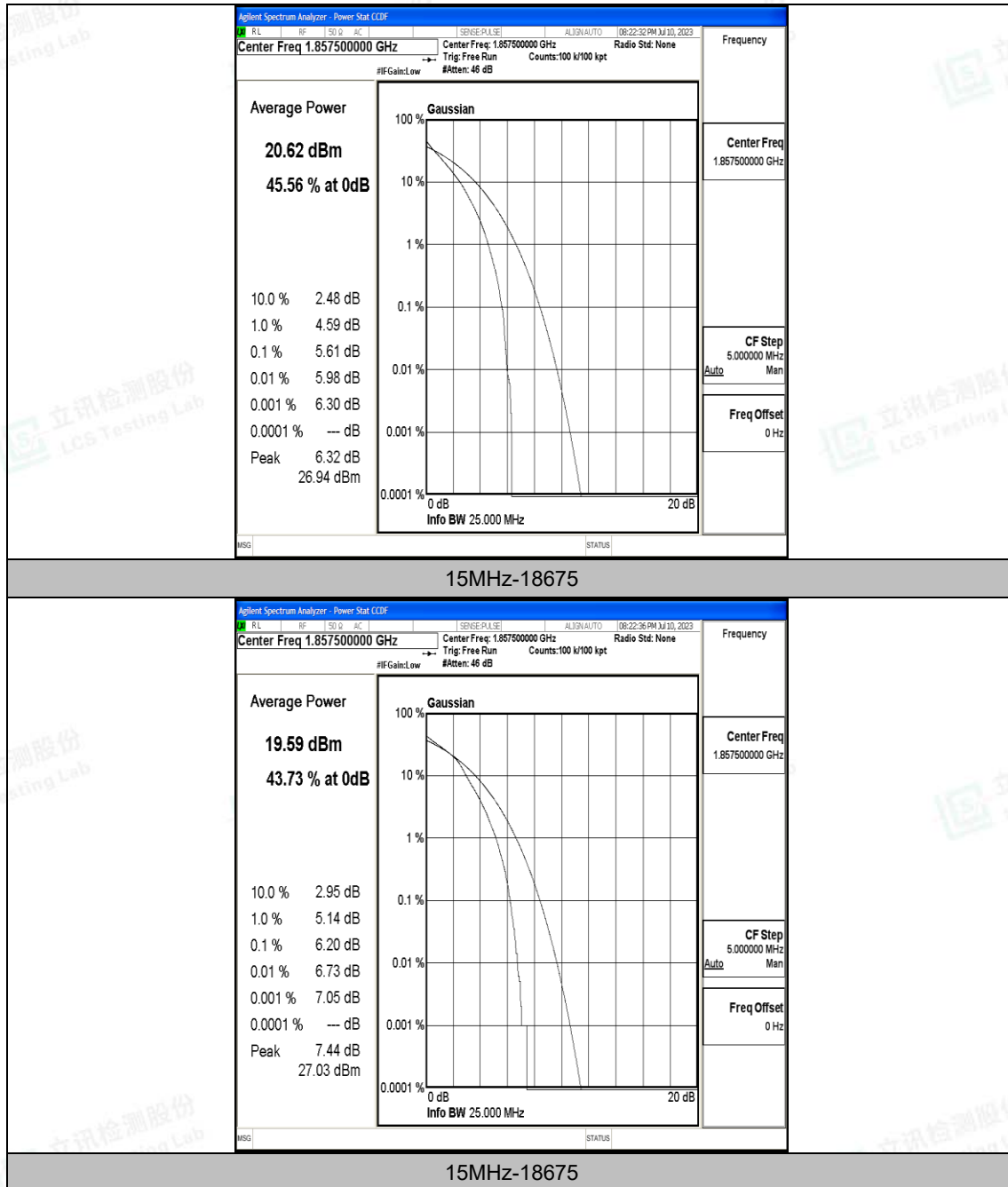
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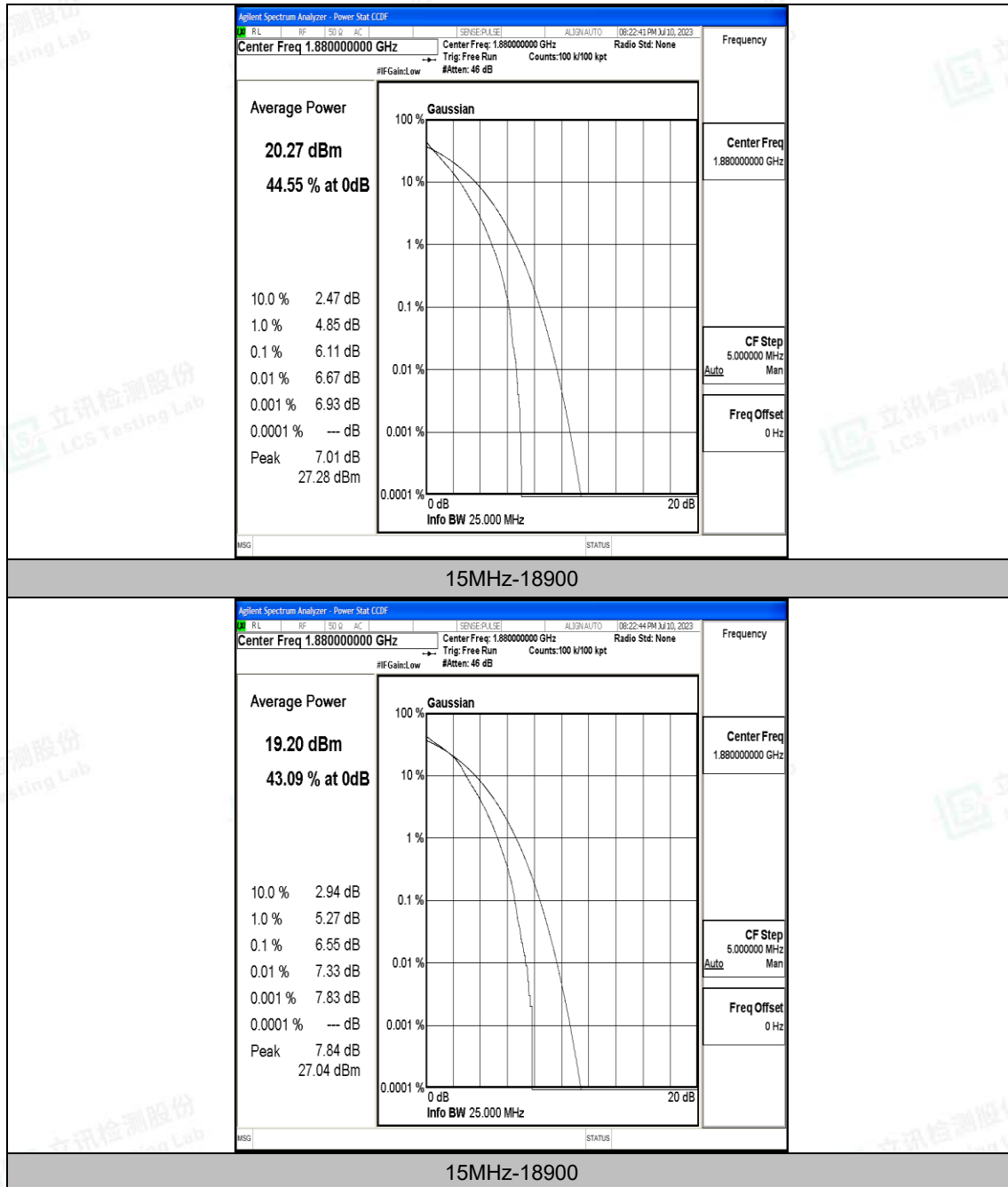


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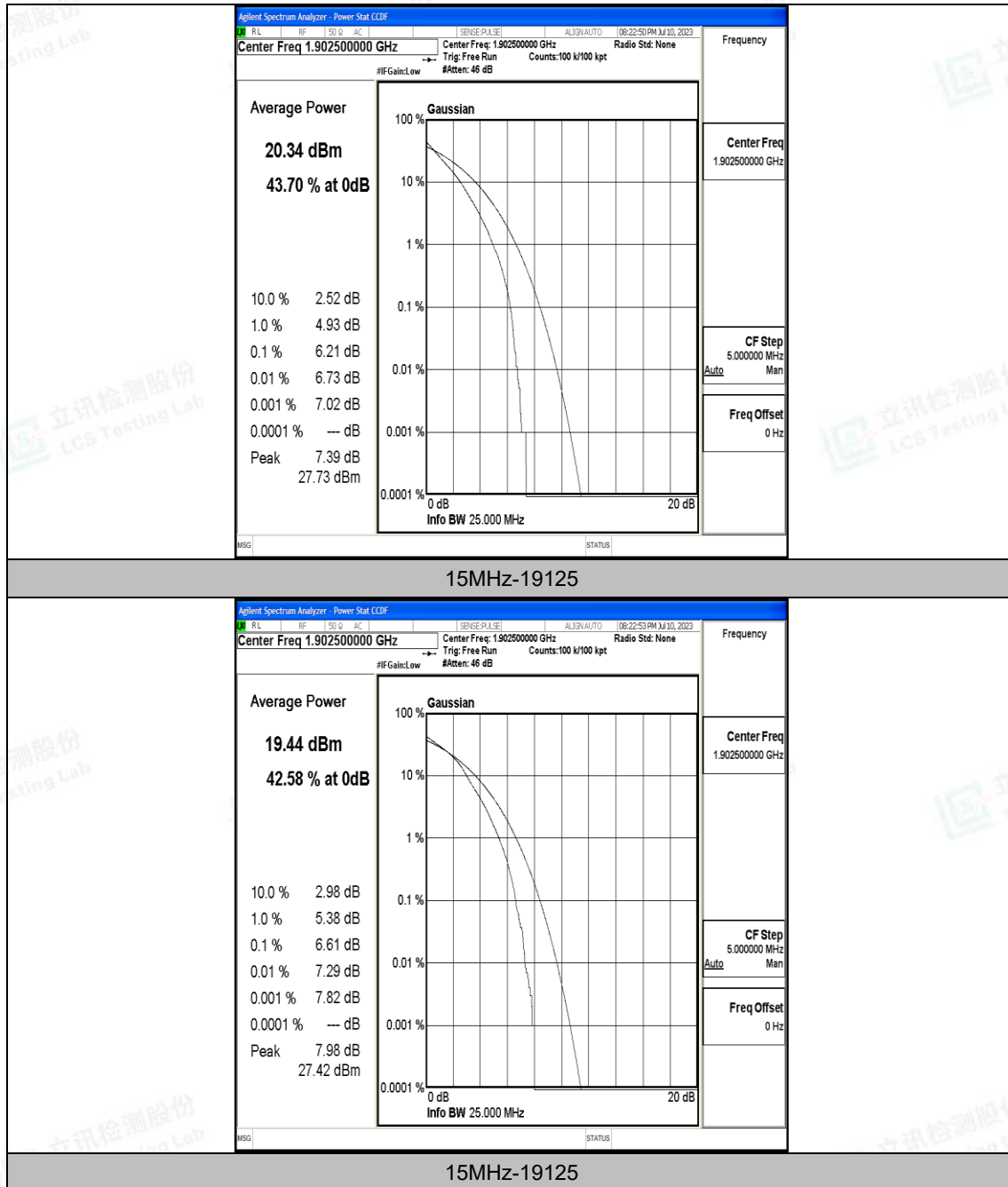


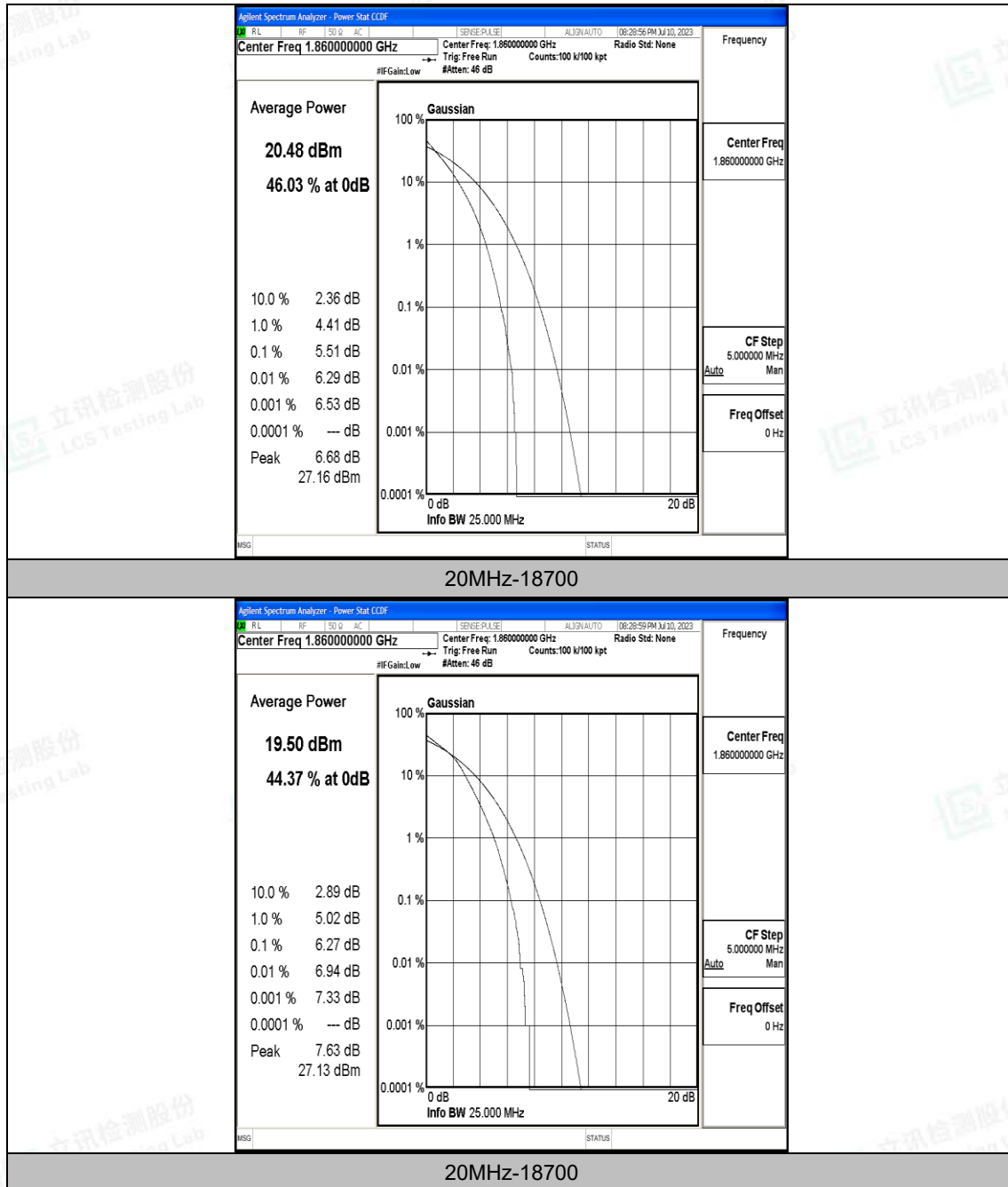
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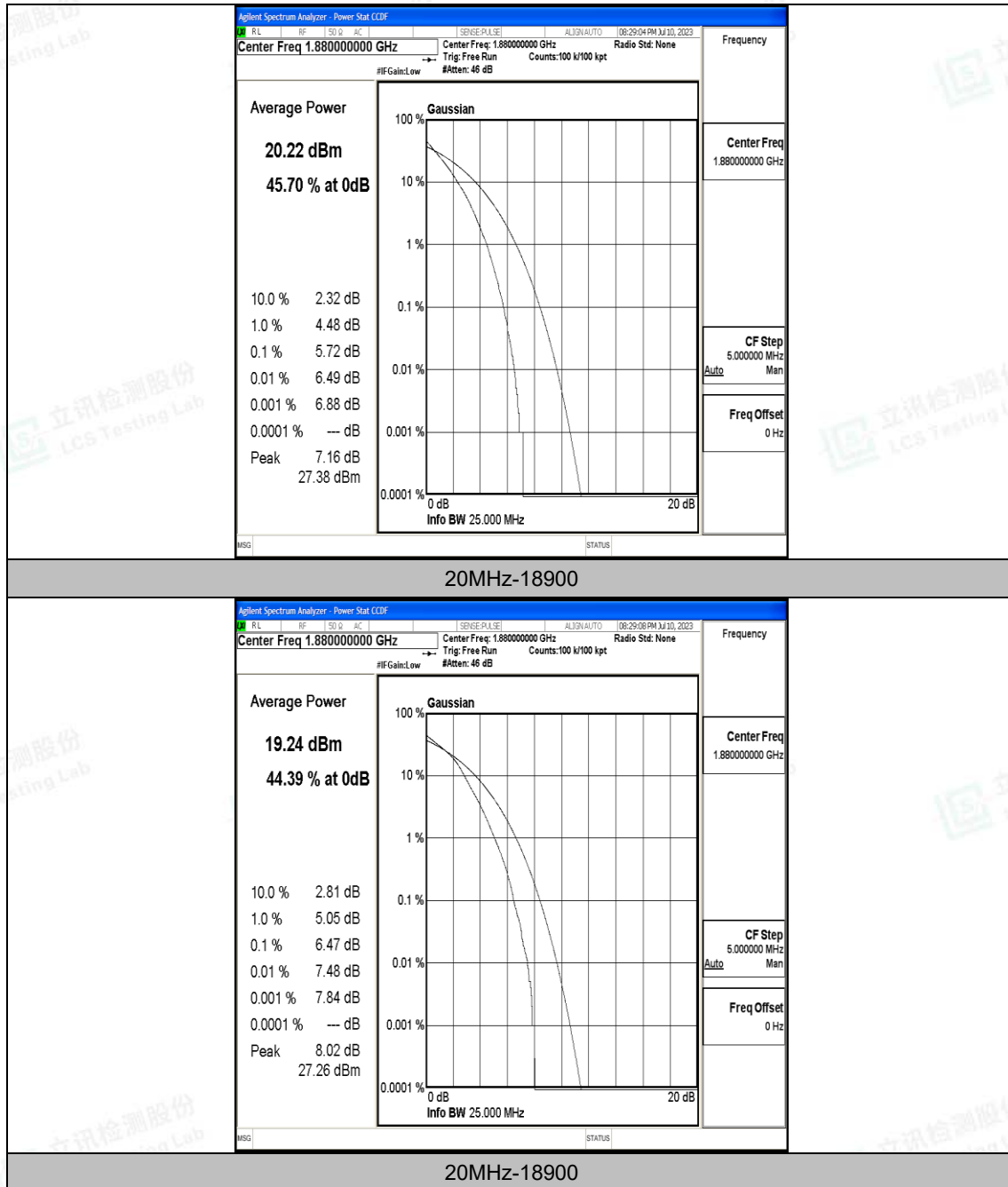


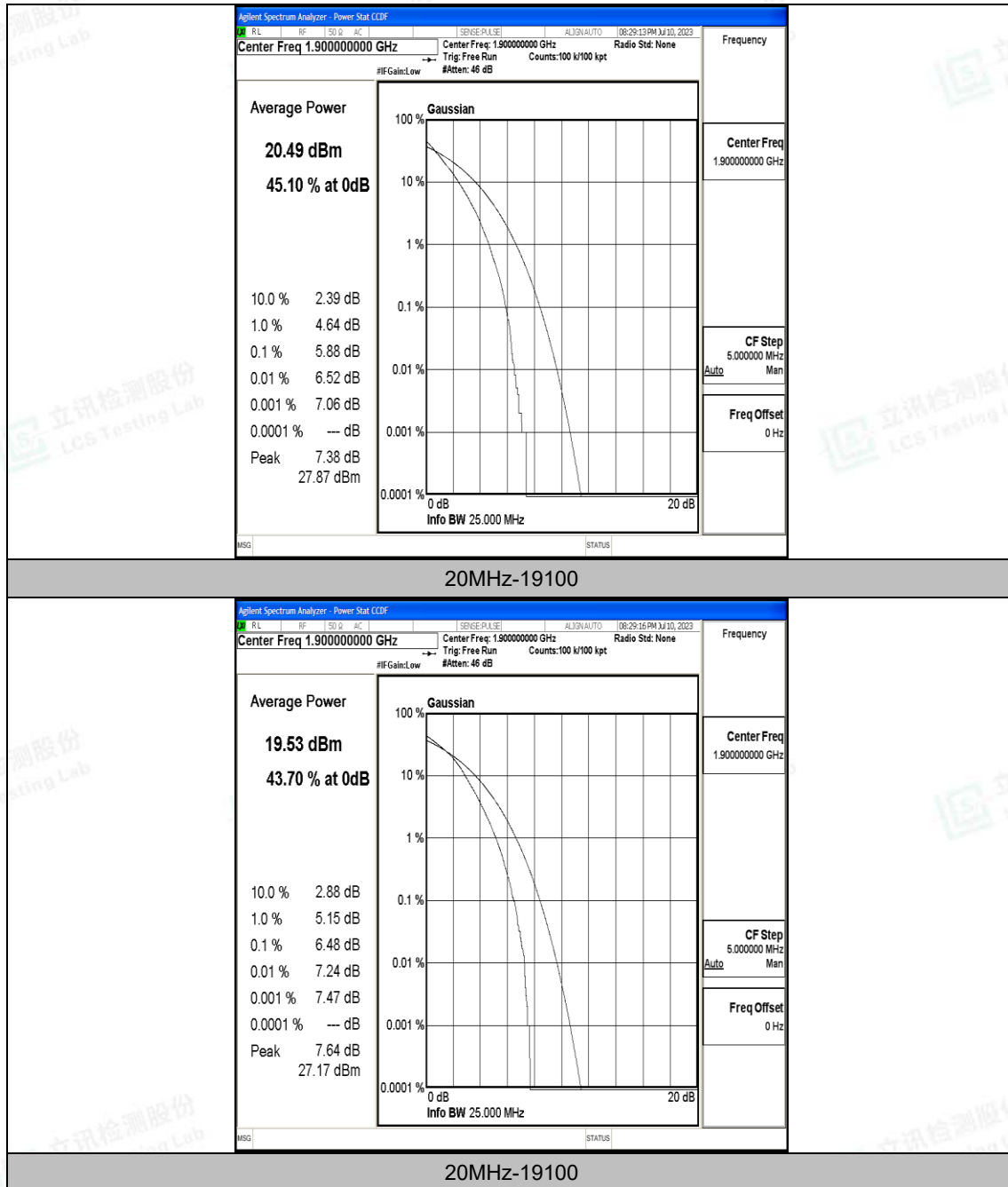
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F.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0934	1.297	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0914	1.310	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0938	1.295	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0995	1.298	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0866	1.289	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0991	1.296	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6897	2.891	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6878	2.920	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6866	2.913	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6756	2.934	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6924	2.916	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6849	2.892	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5242	5.269	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5121	5.162	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5271	5.299	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5181	5.158	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5185	5.192	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5135	5.173	PASS
Band2	10MHz	QPSK	18650	50RB#0	9.0169	10.27	PASS
Band2	10MHz	16QAM	18650	50RB#0	9.0016	10.01	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0022	10.25	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9983	10.05	PASS
Band2	10MHz	QPSK	19150	50RB#0	9.0149	10.13	PASS
Band2	10MHz	16QAM	19150	50RB#0	9.0061	10.05	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.522	15.01	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.480	14.98	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.528	14.93	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.512	15.07	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.485	15.27	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.478	14.91	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.948	19.34	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.988	19.31	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.961	19.27	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.975	19.44	PASS



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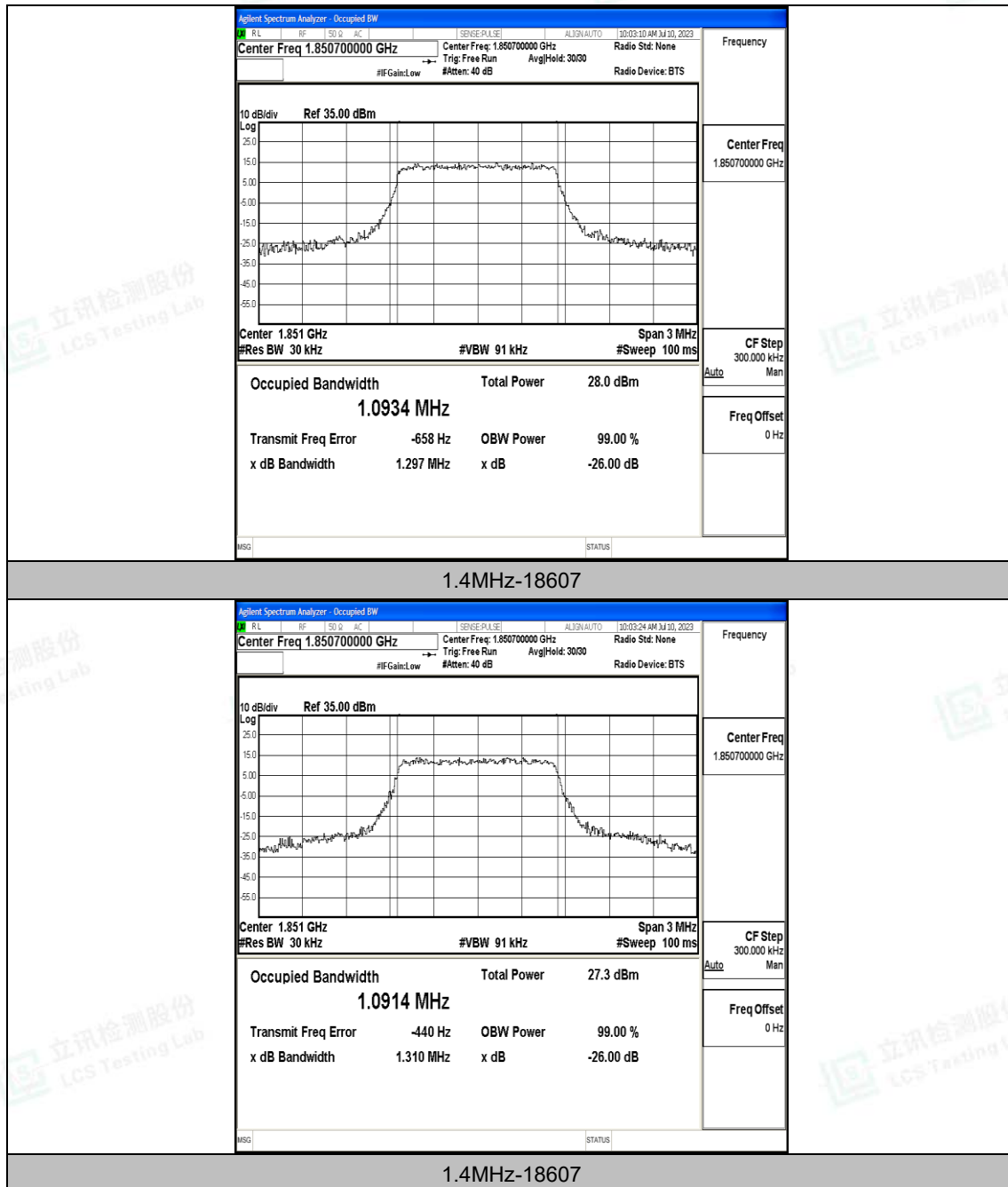
Band2	20MHz	QPSK	19100	100RB#0	17.998	19.46	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.013	19.39	PASS

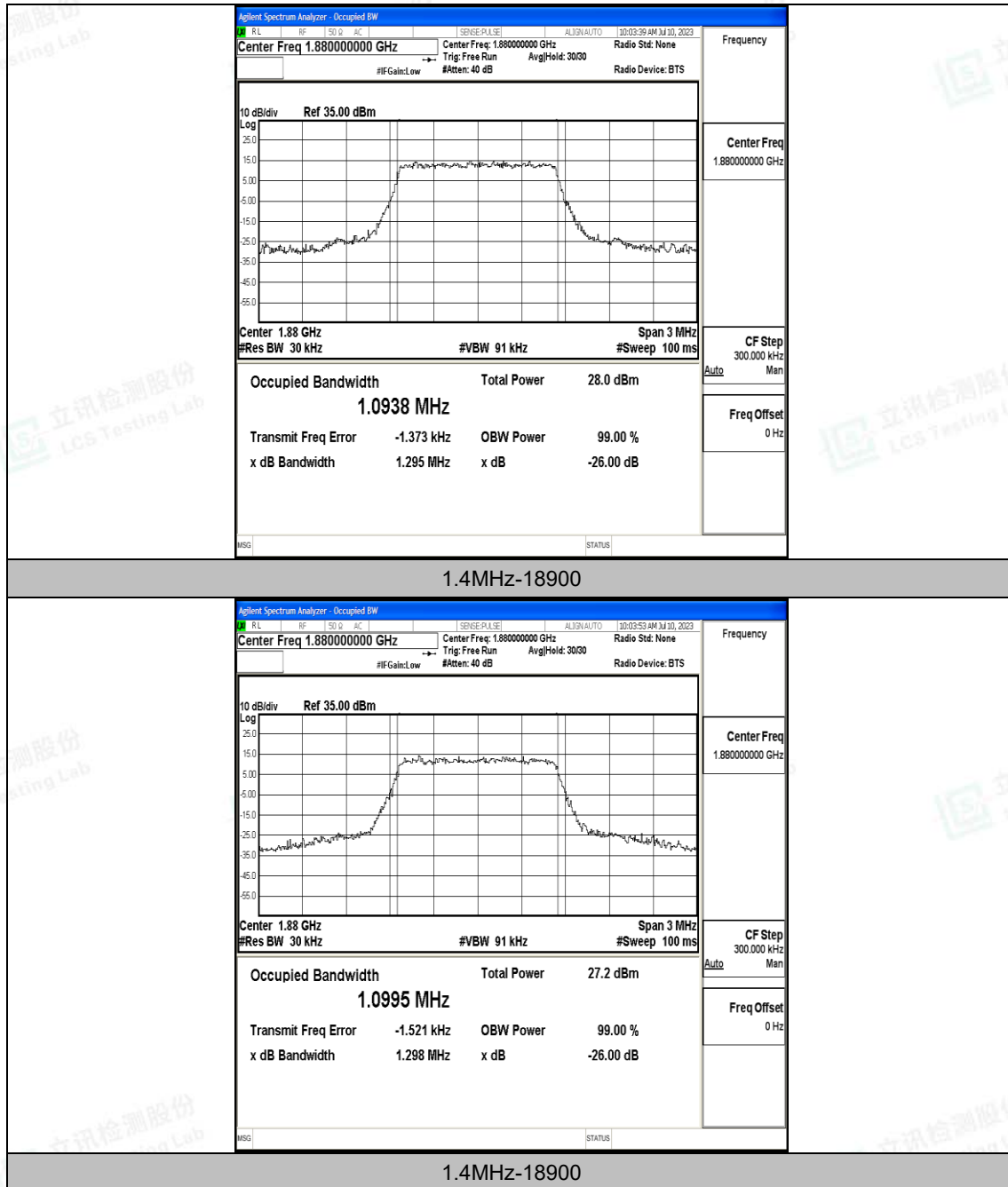


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Test Graphs



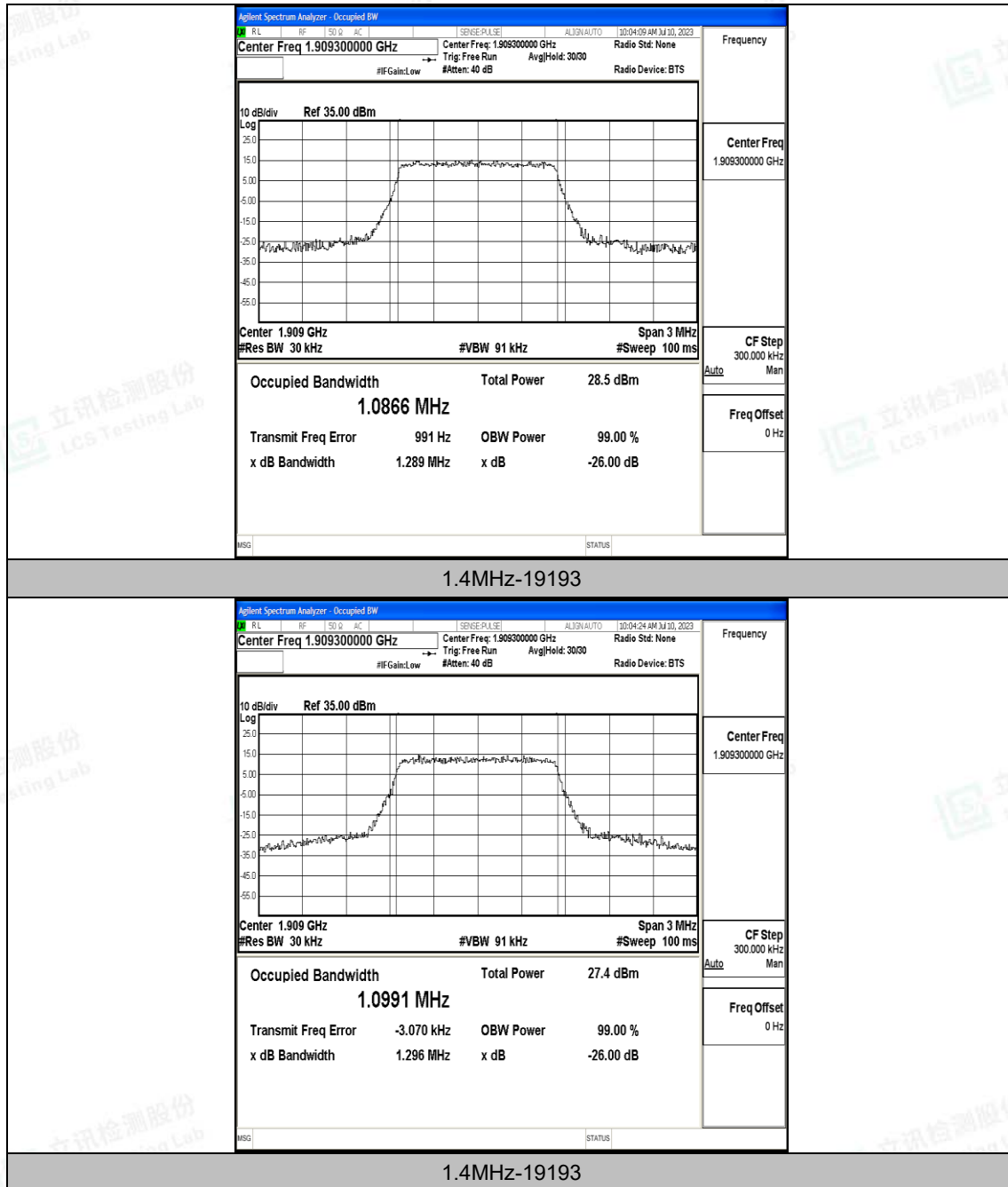


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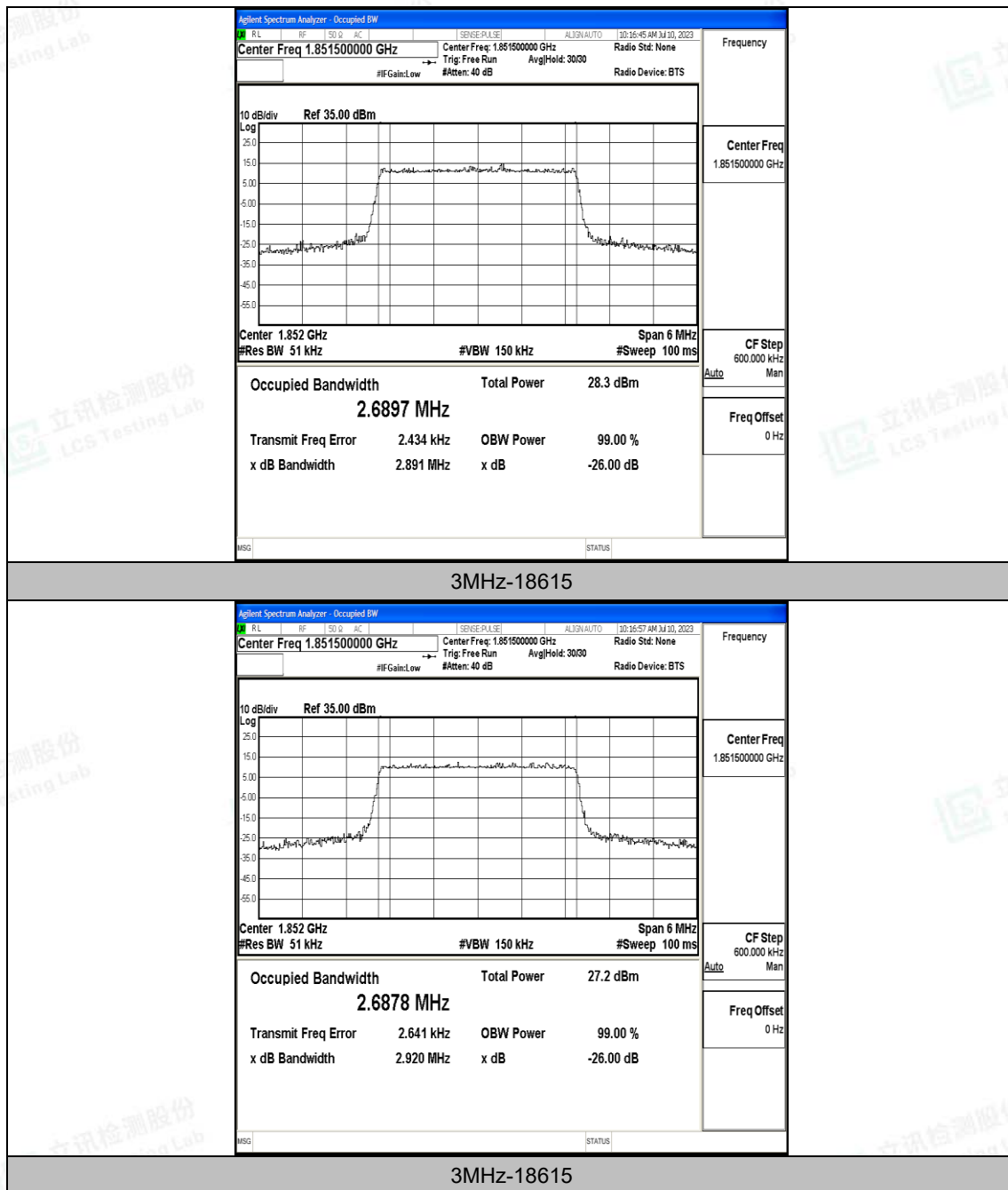


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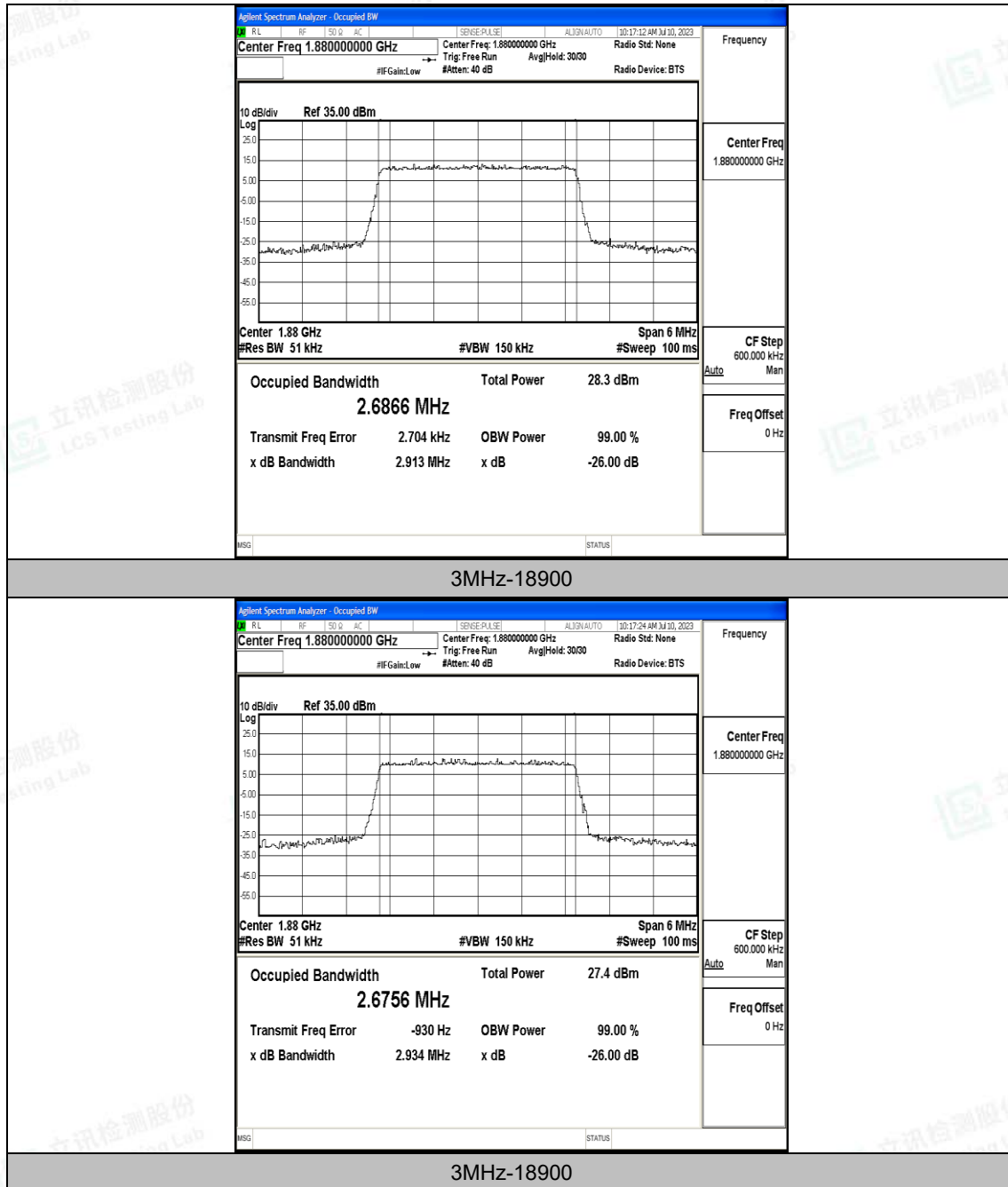


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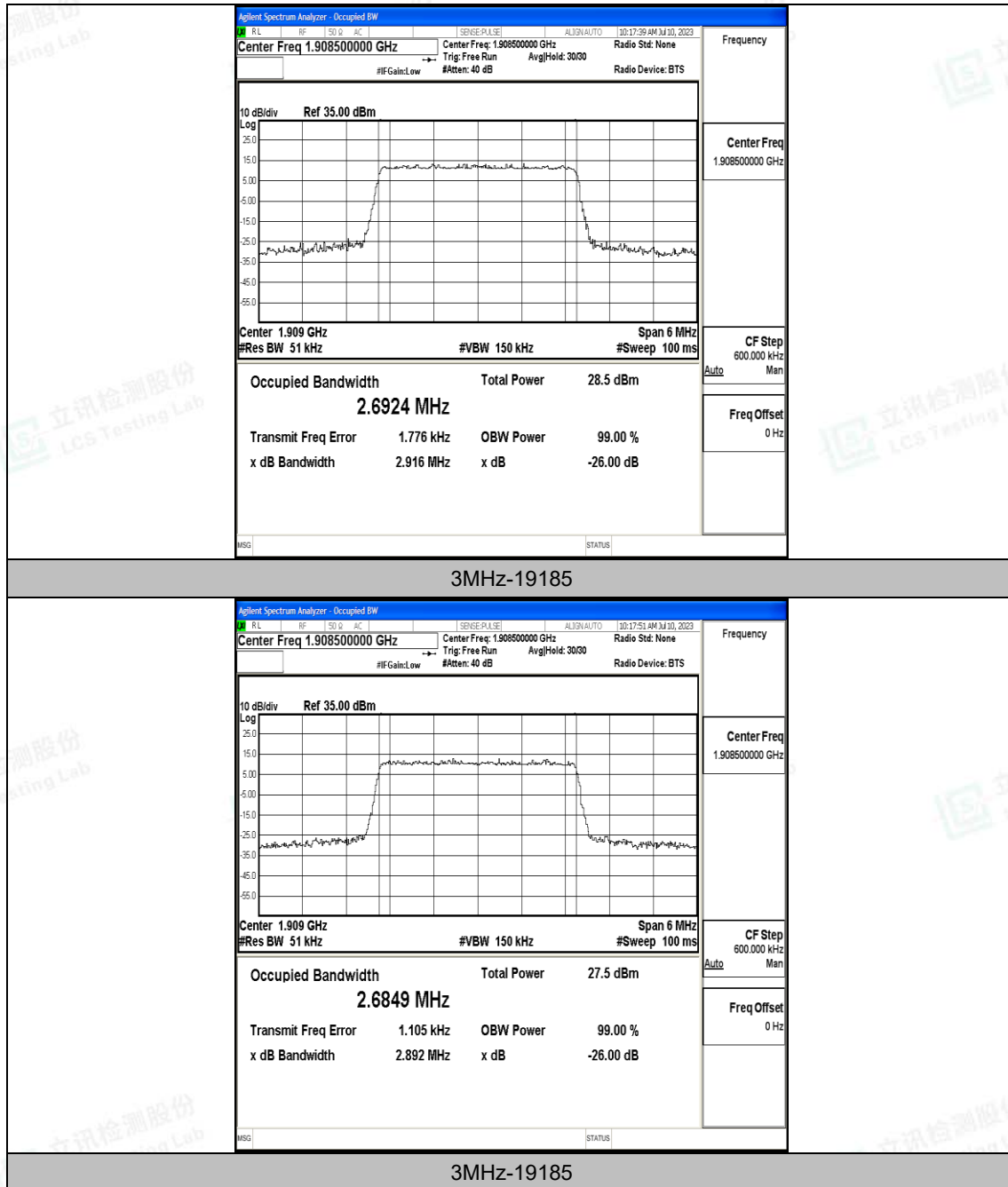


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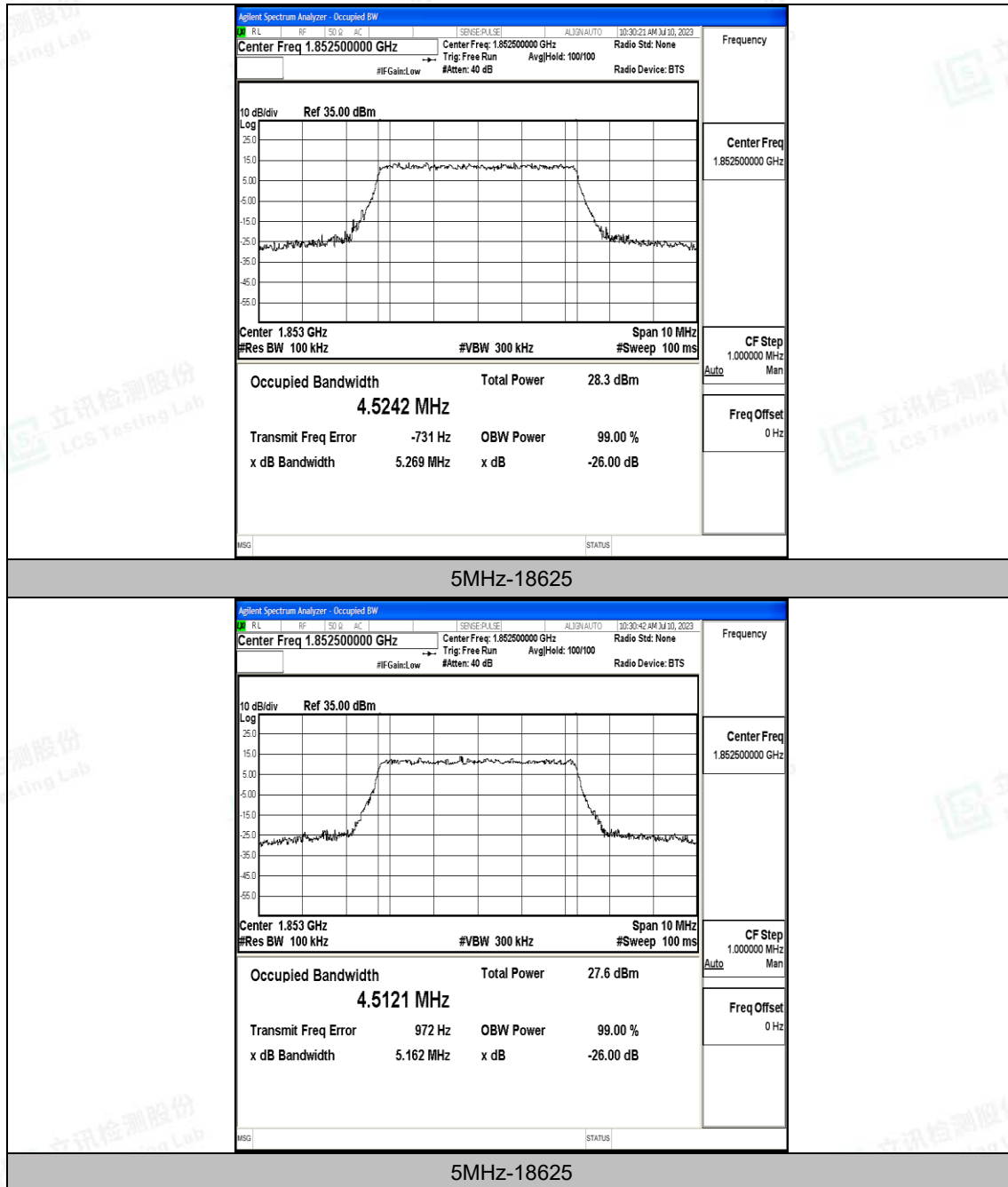


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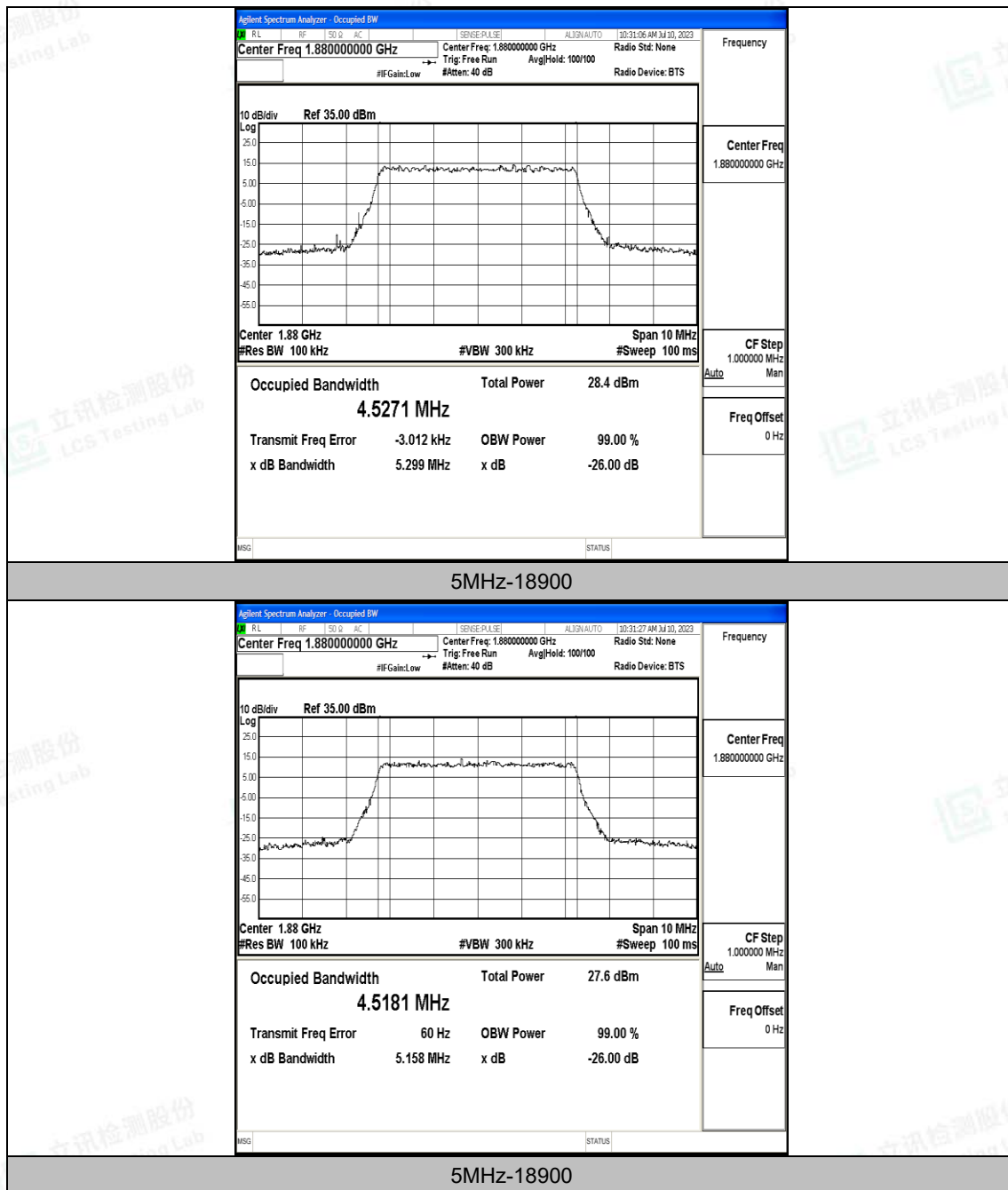


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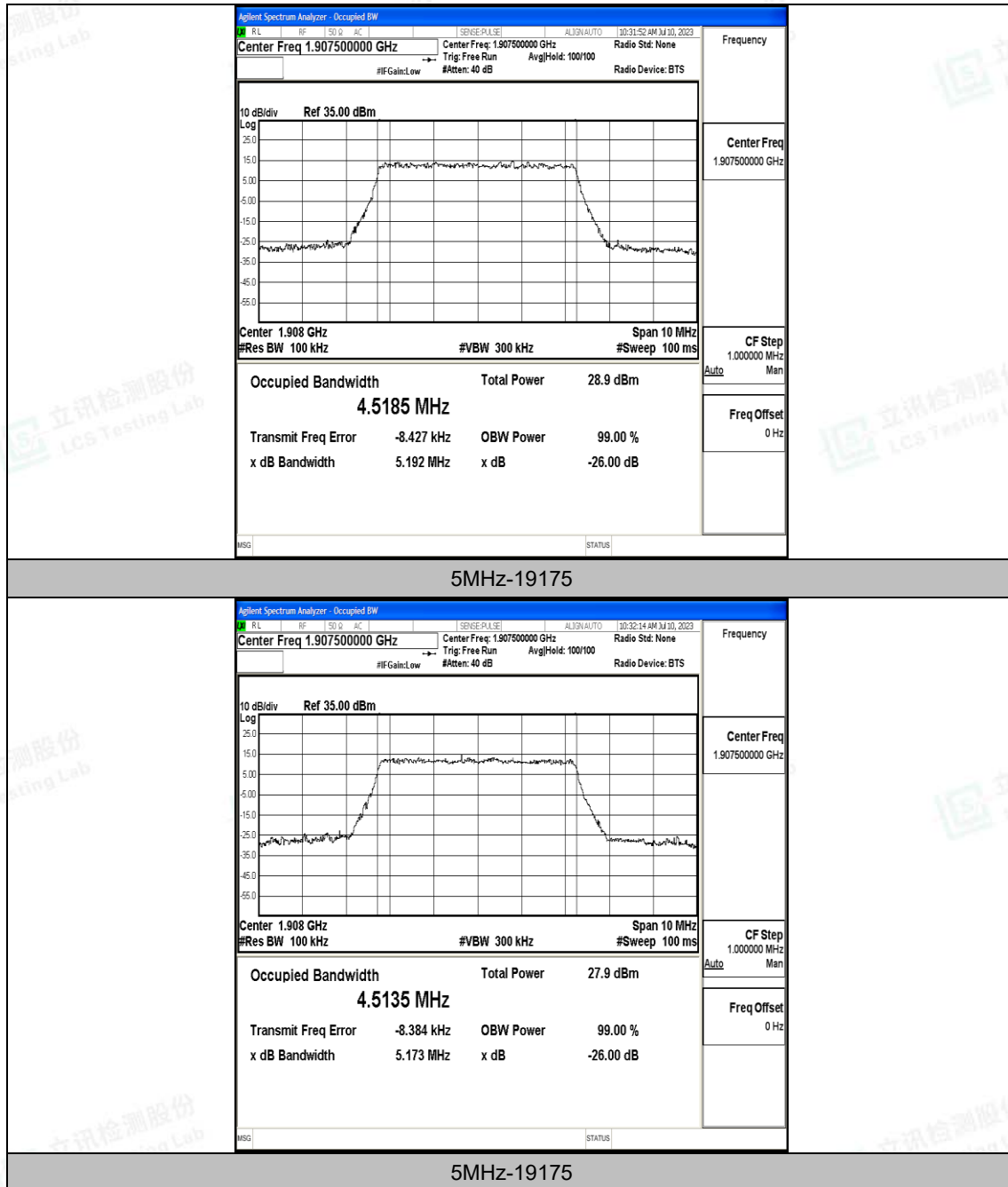


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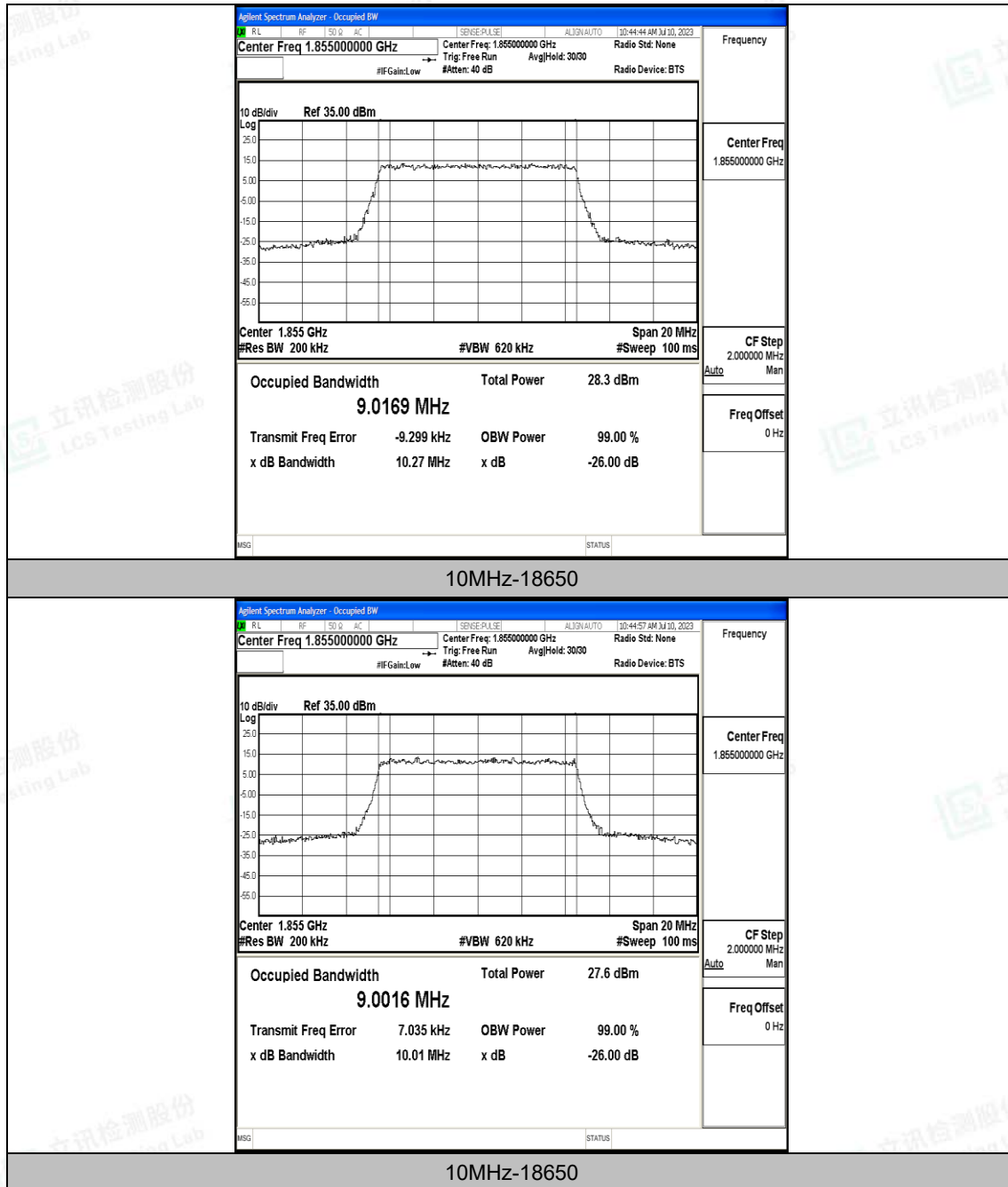


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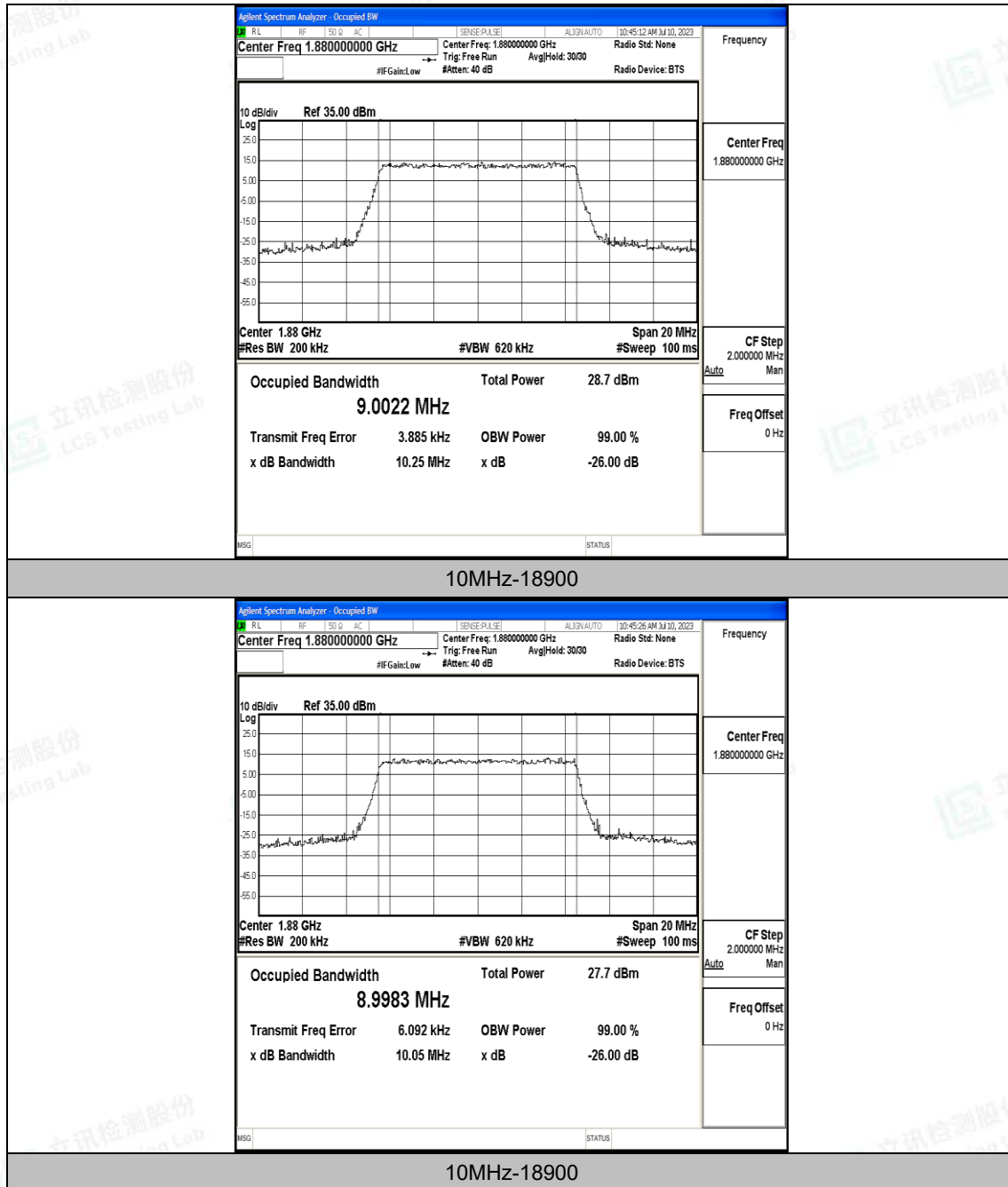


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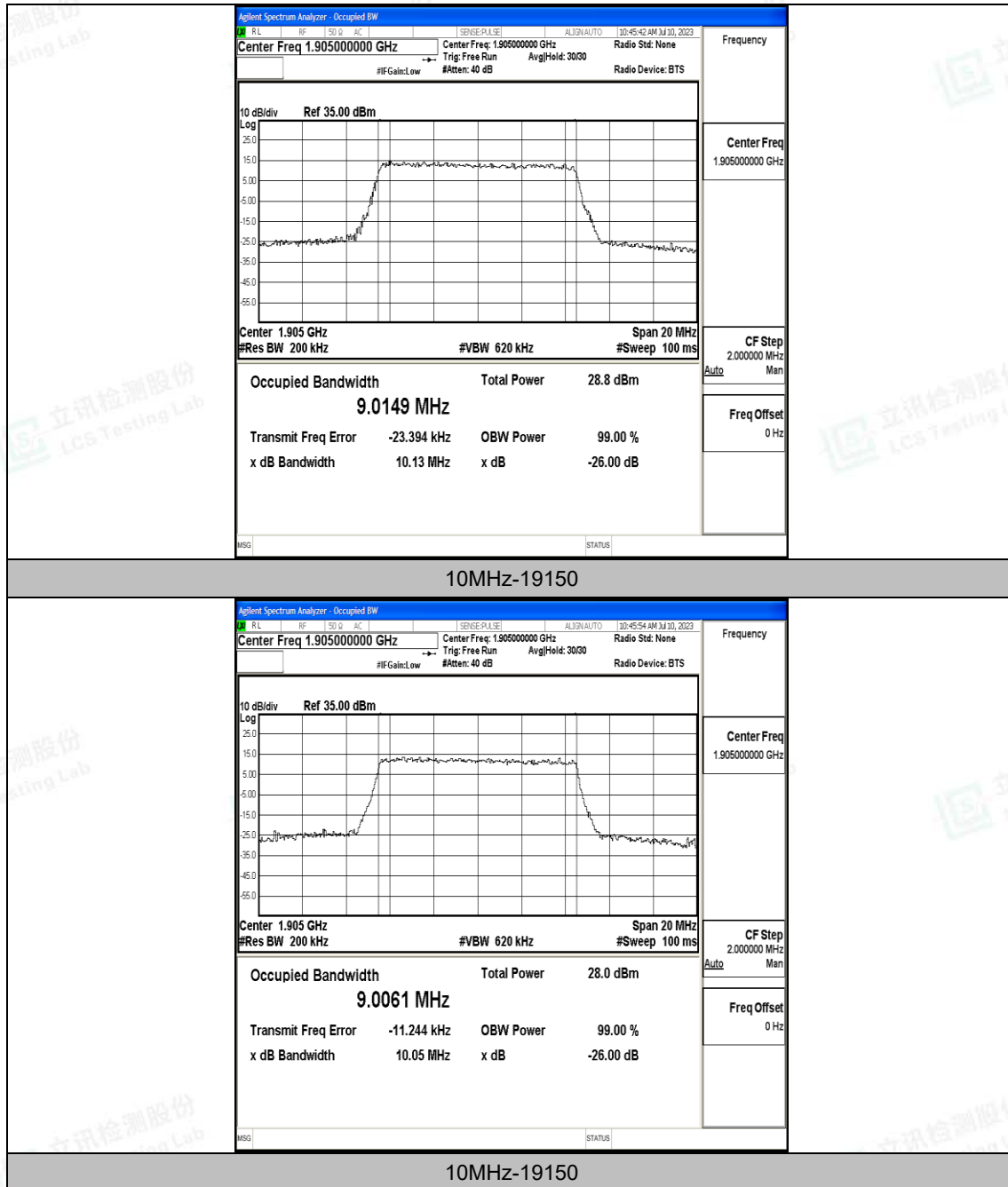


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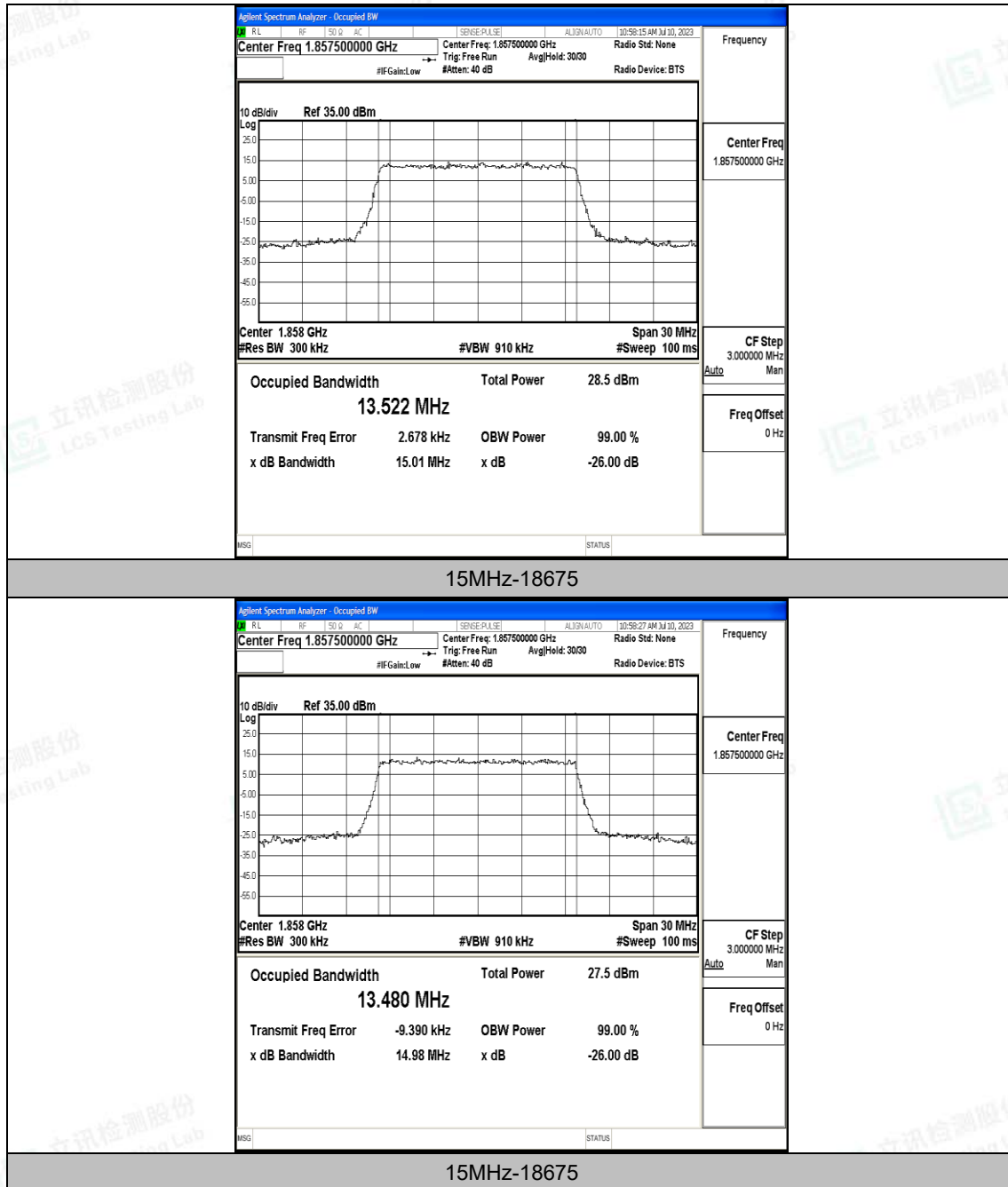


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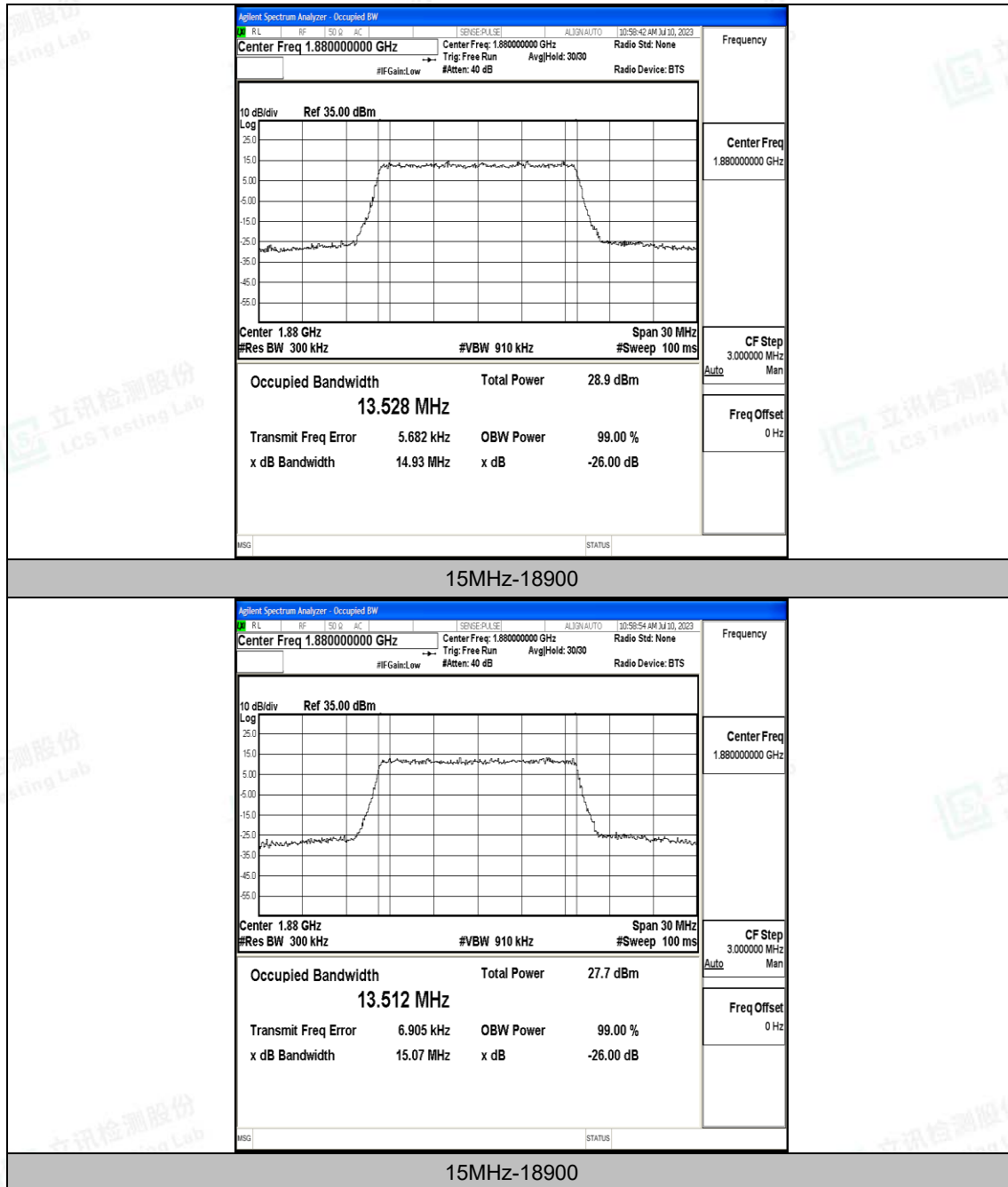


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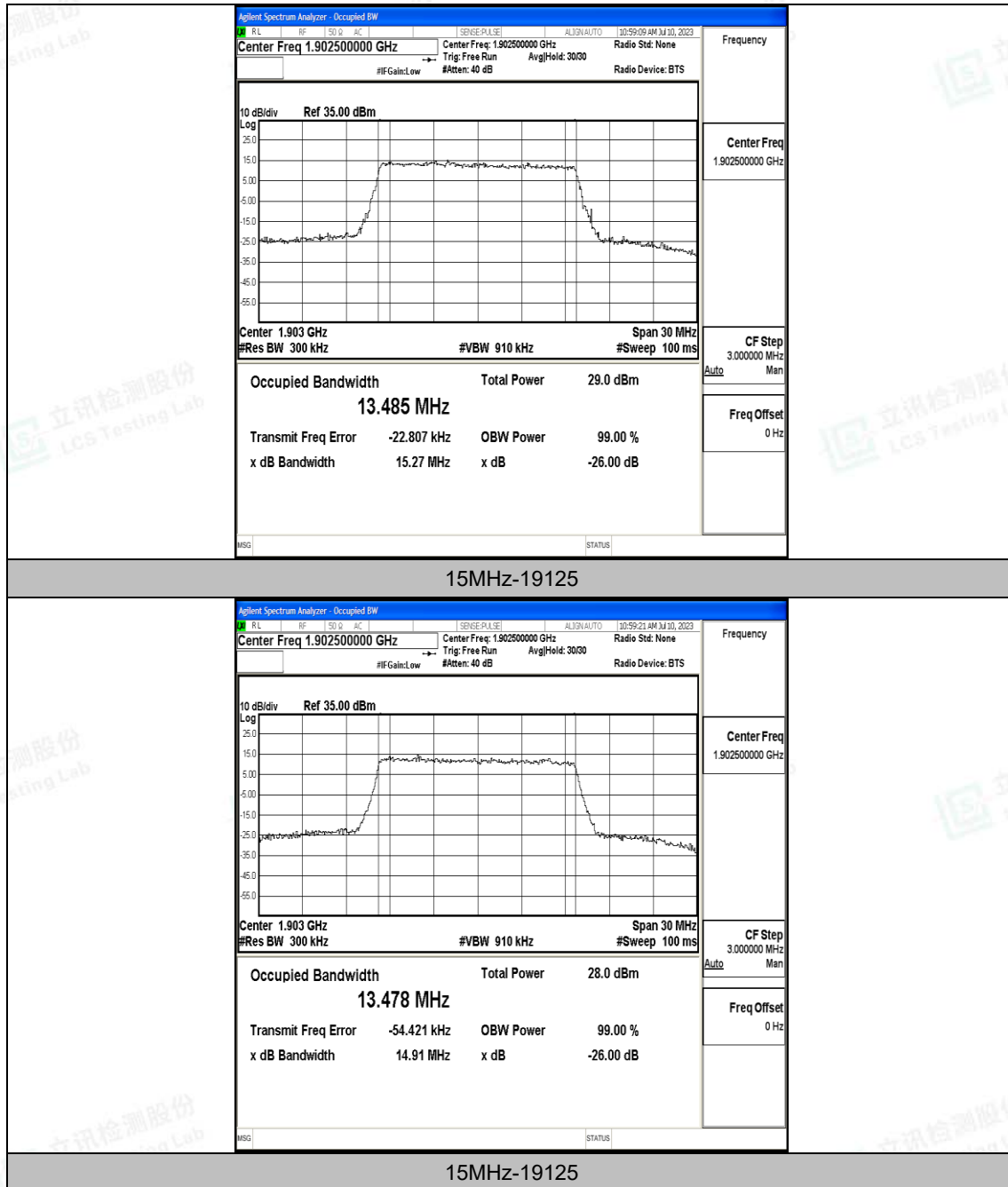


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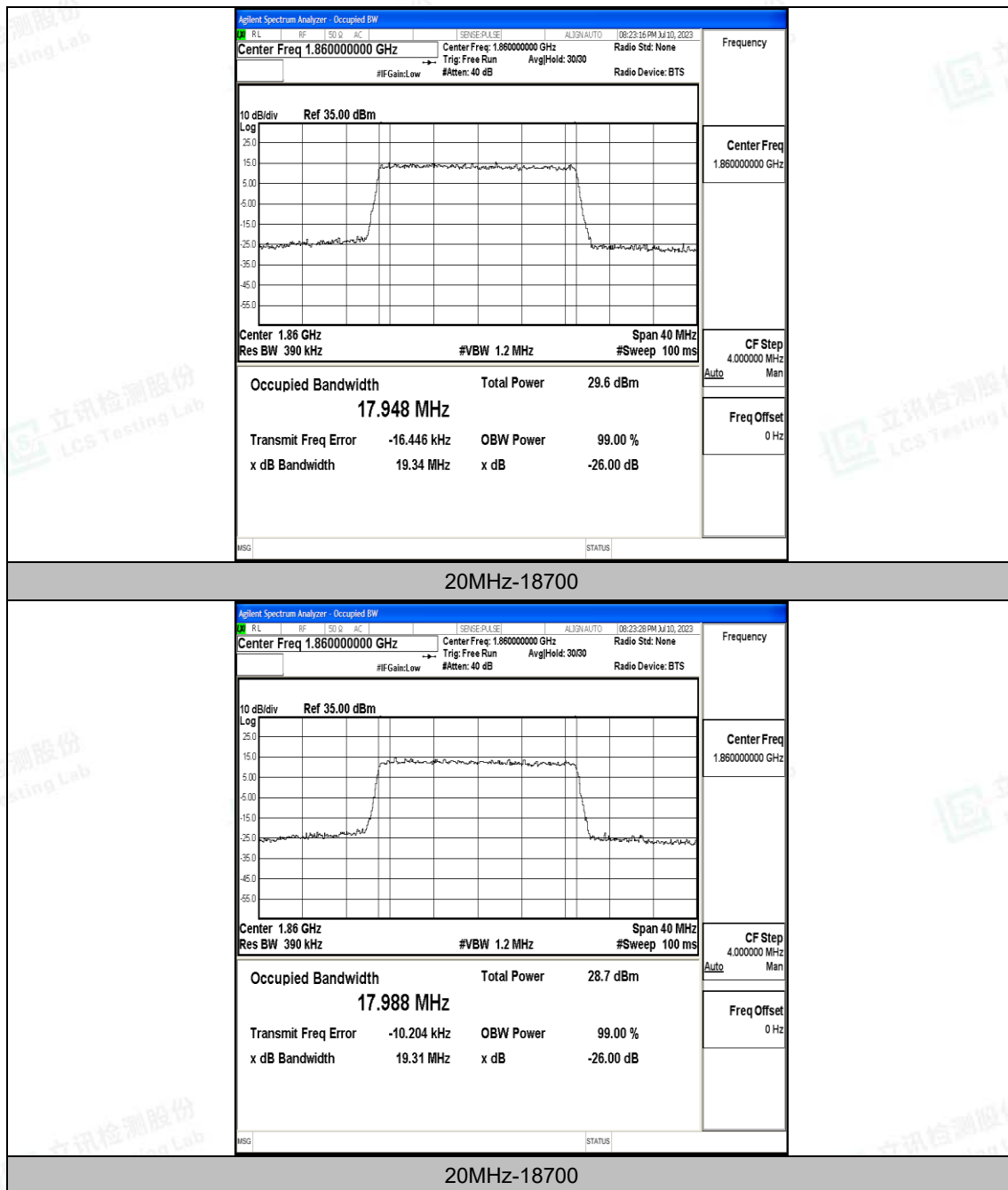


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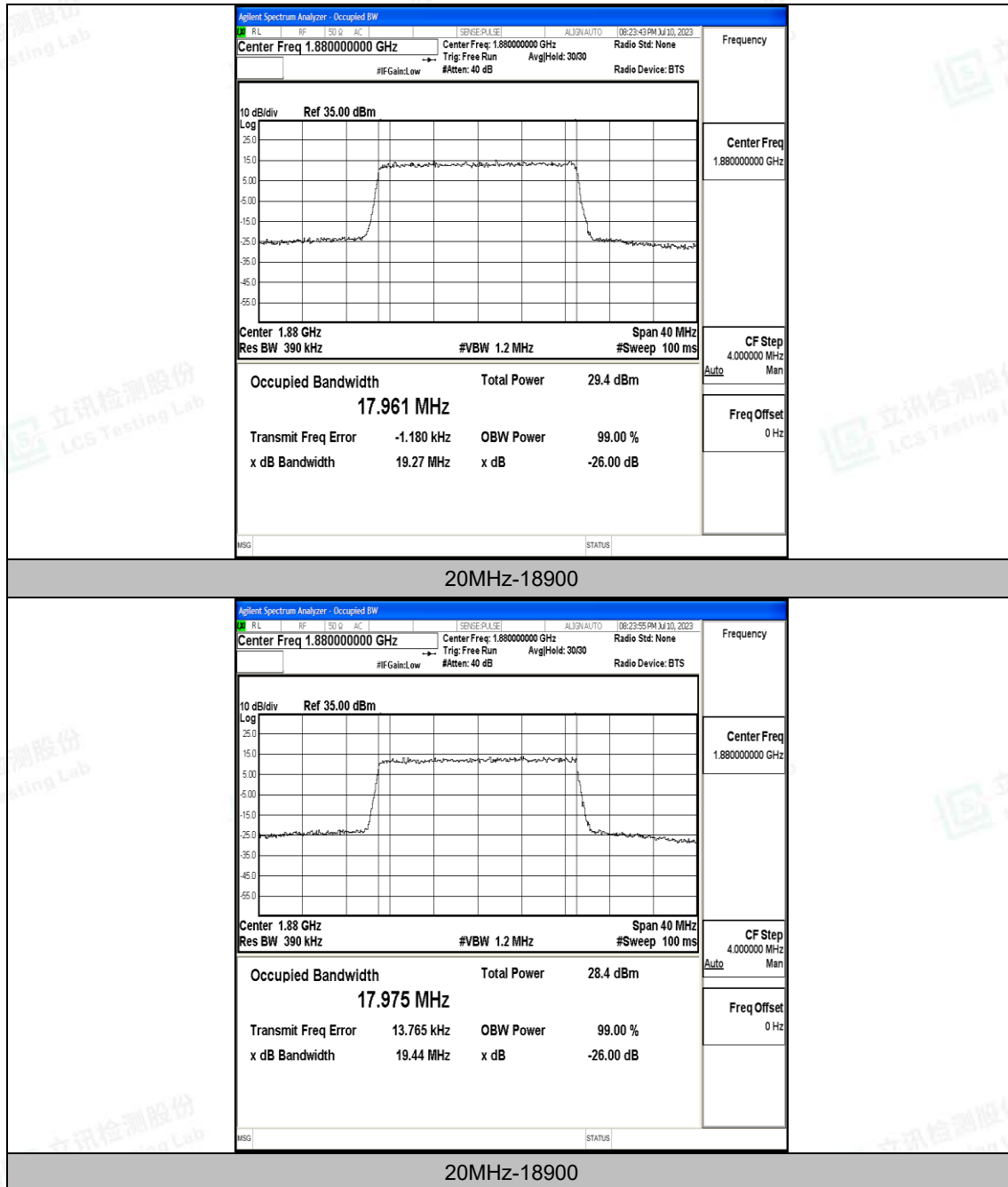


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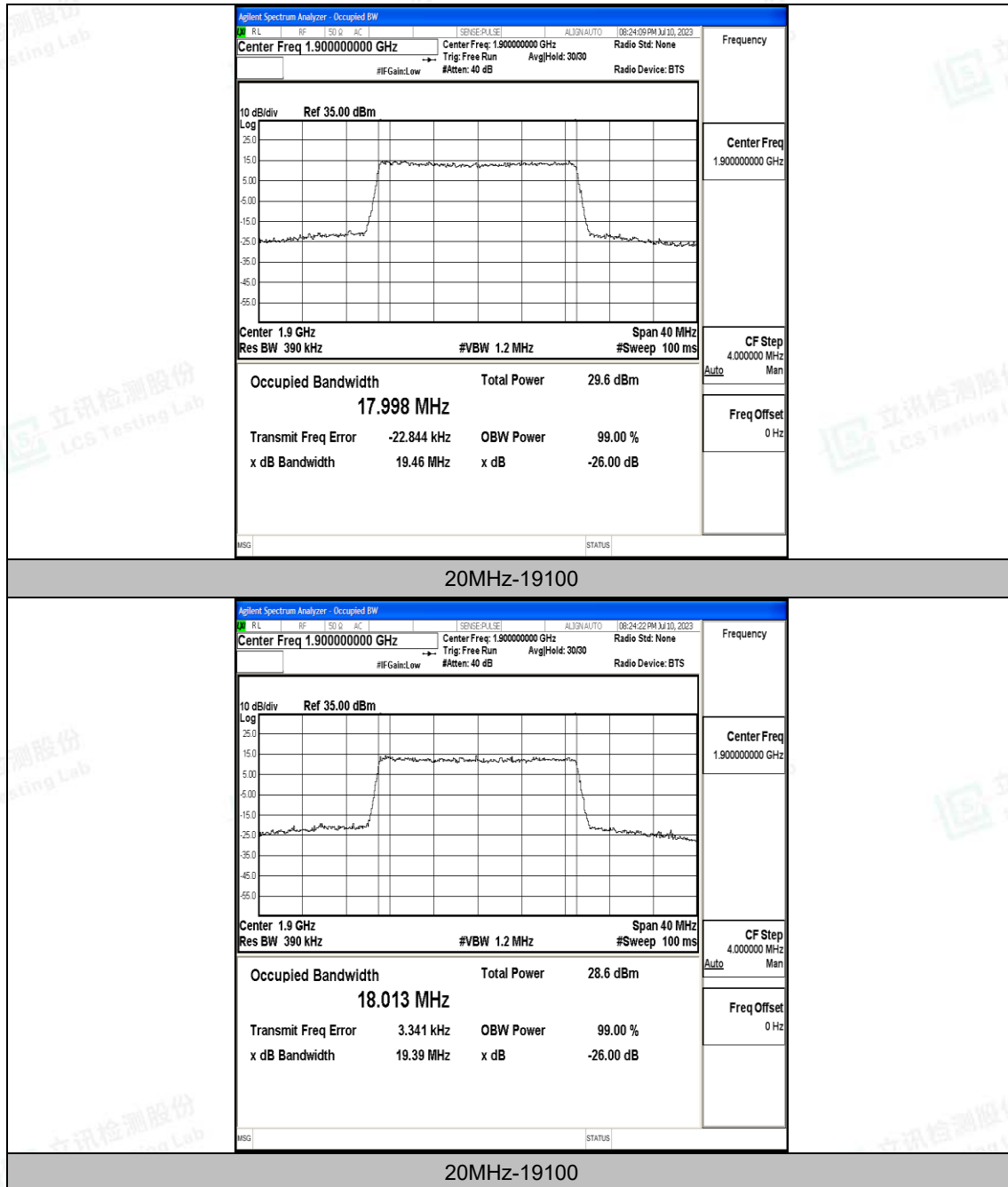


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F.4 Band Edge

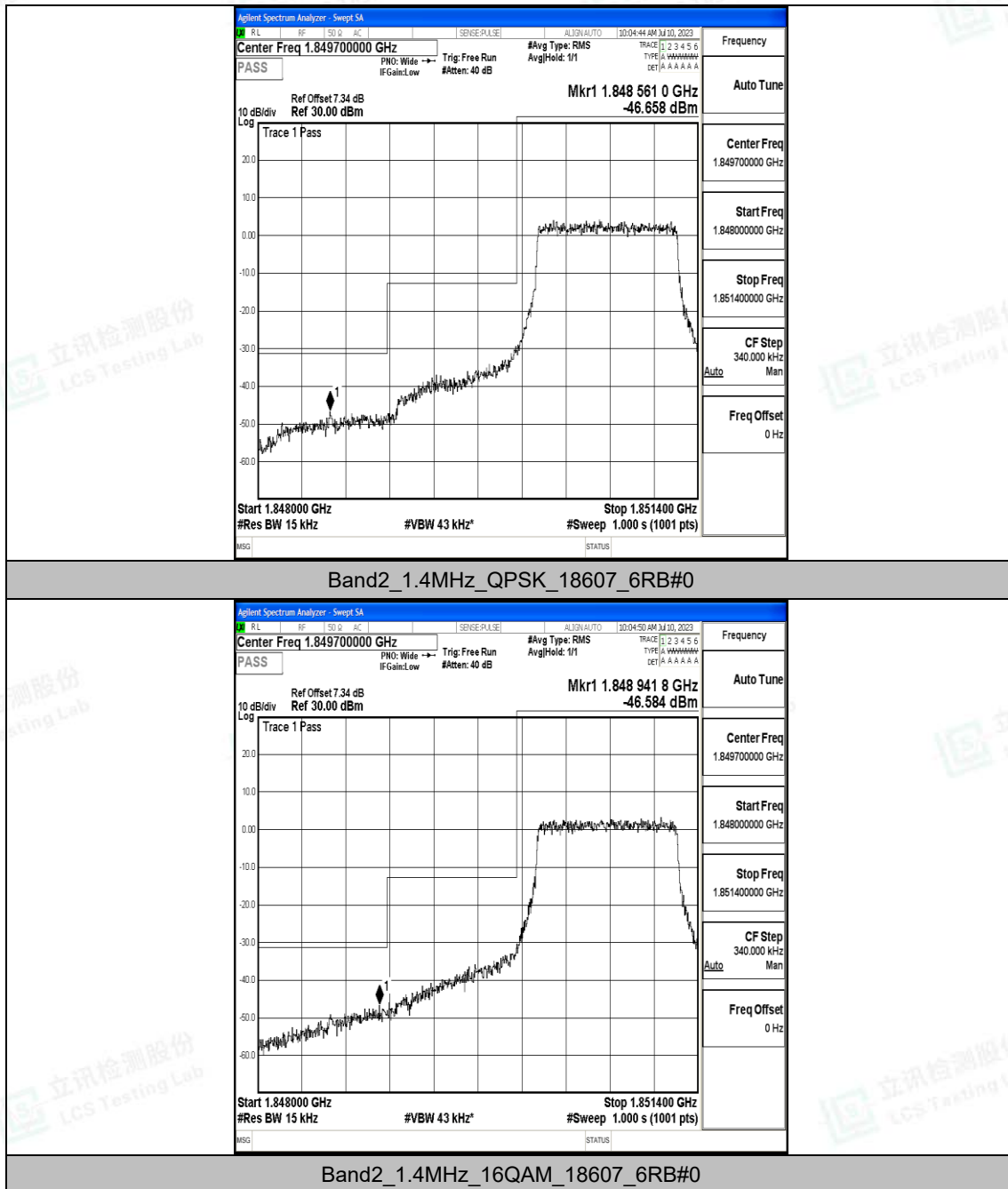
Test Result

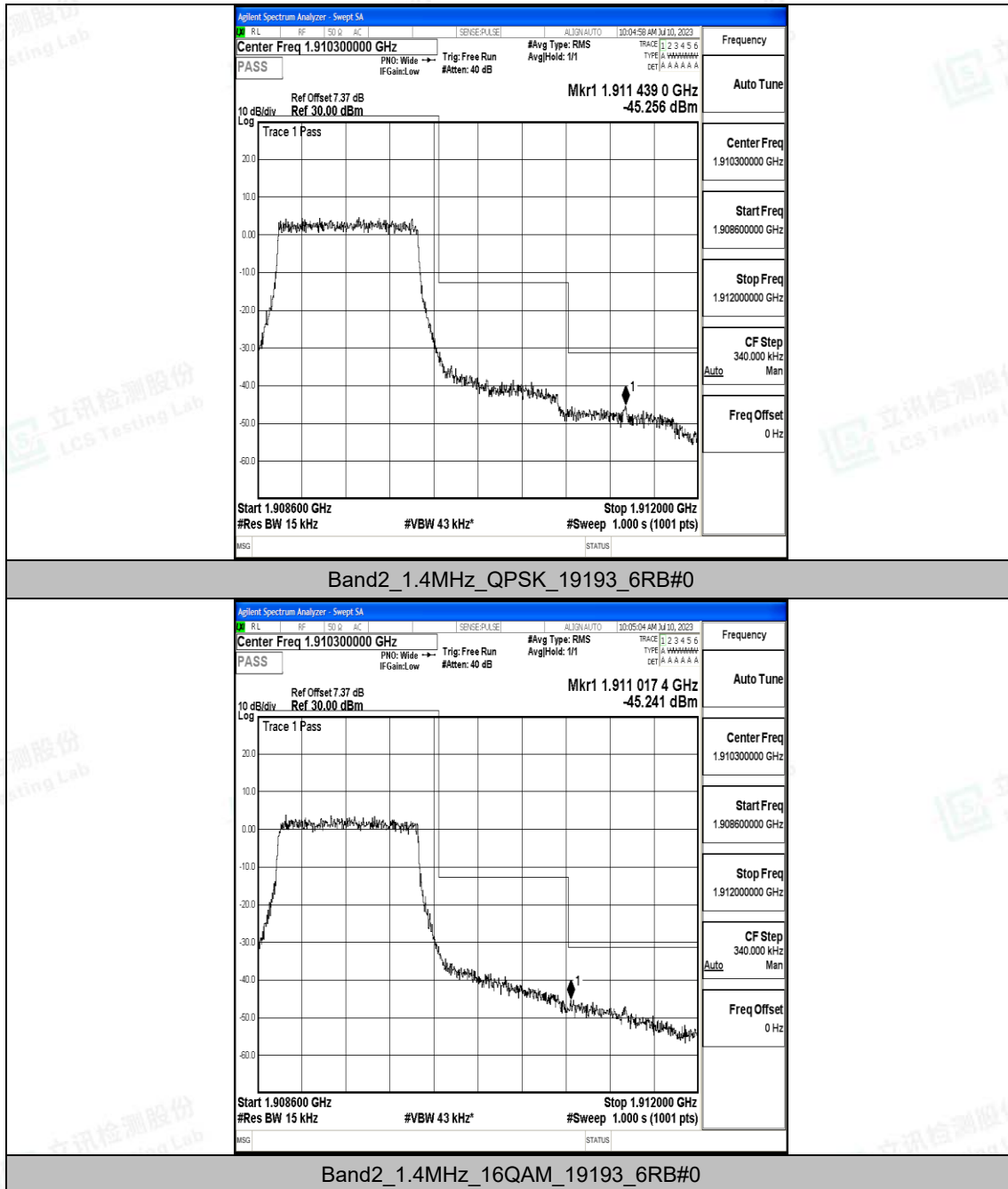
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1848.56	-46.66	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1848.94	-46.58	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1911.44	-45.26	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1911.02	-45.24	PASS
Band2	3MHz	QPSK	18615	15RB#0	1848.95	-39.13	PASS
Band2	3MHz	16QAM	18615	15RB#0	1848.89	-38.57	PASS
Band2	3MHz	QPSK	19185	15RB#0	1911.09	-39.85	PASS
Band2	3MHz	16QAM	19185	15RB#0	1911.04	-40.12	PASS
Band2	5MHz	QPSK	18625	25RB#0	1848.78	-38.08	PASS
Band2	5MHz	16QAM	18625	25RB#0	1848.94	-38.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	1911.07	-39.40	PASS
Band2	5MHz	16QAM	19175	25RB#0	1911.08	-39.33	PASS
Band2	10MHz	QPSK	18650	50RB#0	1848.77	-37.30	PASS
Band2	10MHz	16QAM	18650	50RB#0	1848.98	-37.10	PASS
Band2	10MHz	QPSK	19150	50RB#0	1911.09	-38.38	PASS
Band2	10MHz	16QAM	19150	50RB#0	1911.03	-38.53	PASS
Band2	15MHz	QPSK	18675	75RB#0	1848.85	-36.34	PASS
Band2	15MHz	16QAM	18675	75RB#0	1848.41	-37.10	PASS
Band2	15MHz	QPSK	19125	75RB#0	1911.68	-36.45	PASS
Band2	15MHz	16QAM	19125	75RB#0	1911.98	-37.48	PASS
Band2	20MHz	QPSK	18700	100RB#0	1848.95	-35.20	PASS
Band2	20MHz	16QAM	18700	100RB#0	1848.86	-34.91	PASS
Band2	20MHz	QPSK	19100	100RB#0	1911.14	-33.63	PASS
Band2	20MHz	16QAM	19100	100RB#0	1911.12	-33.43	PASS

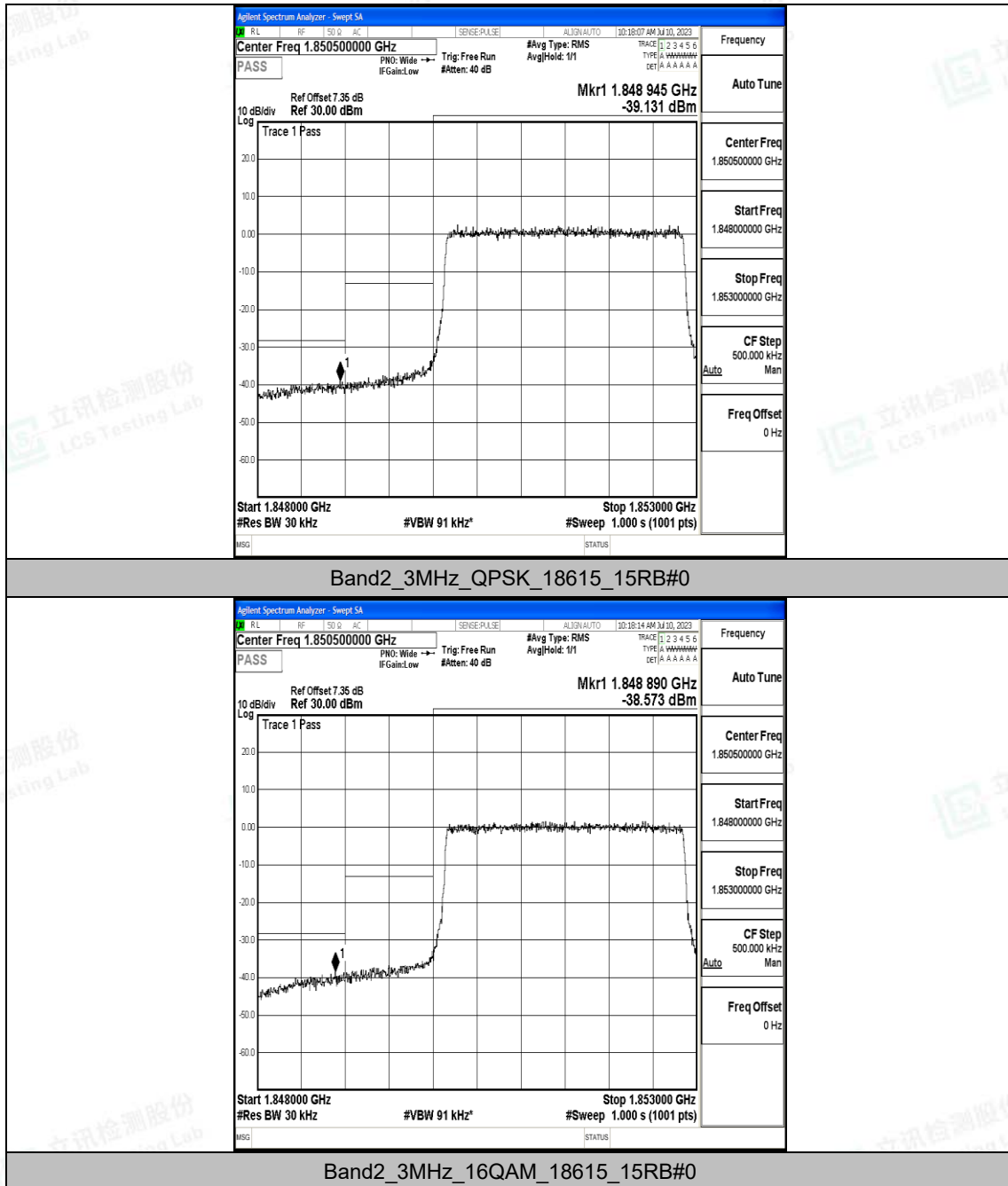


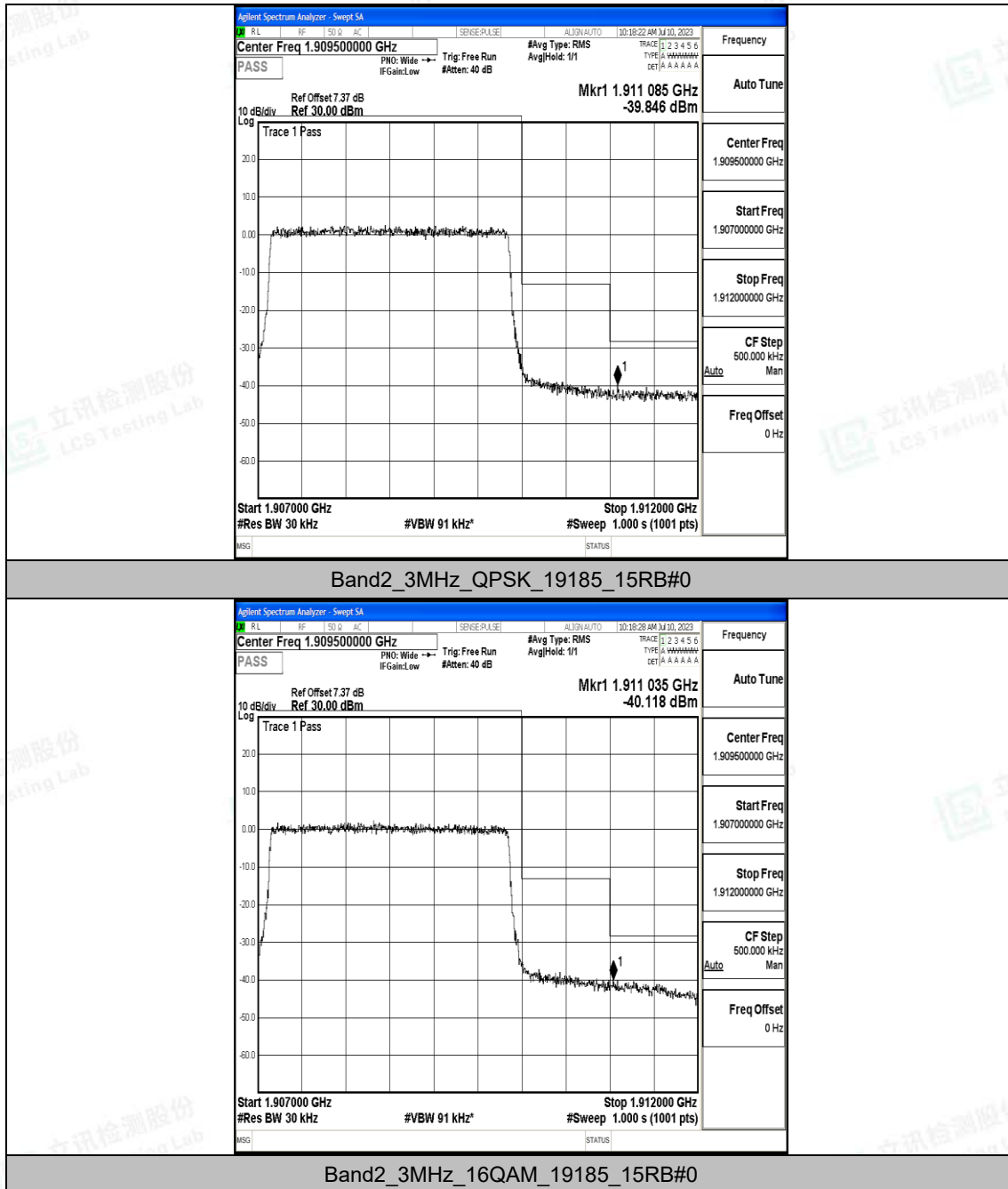


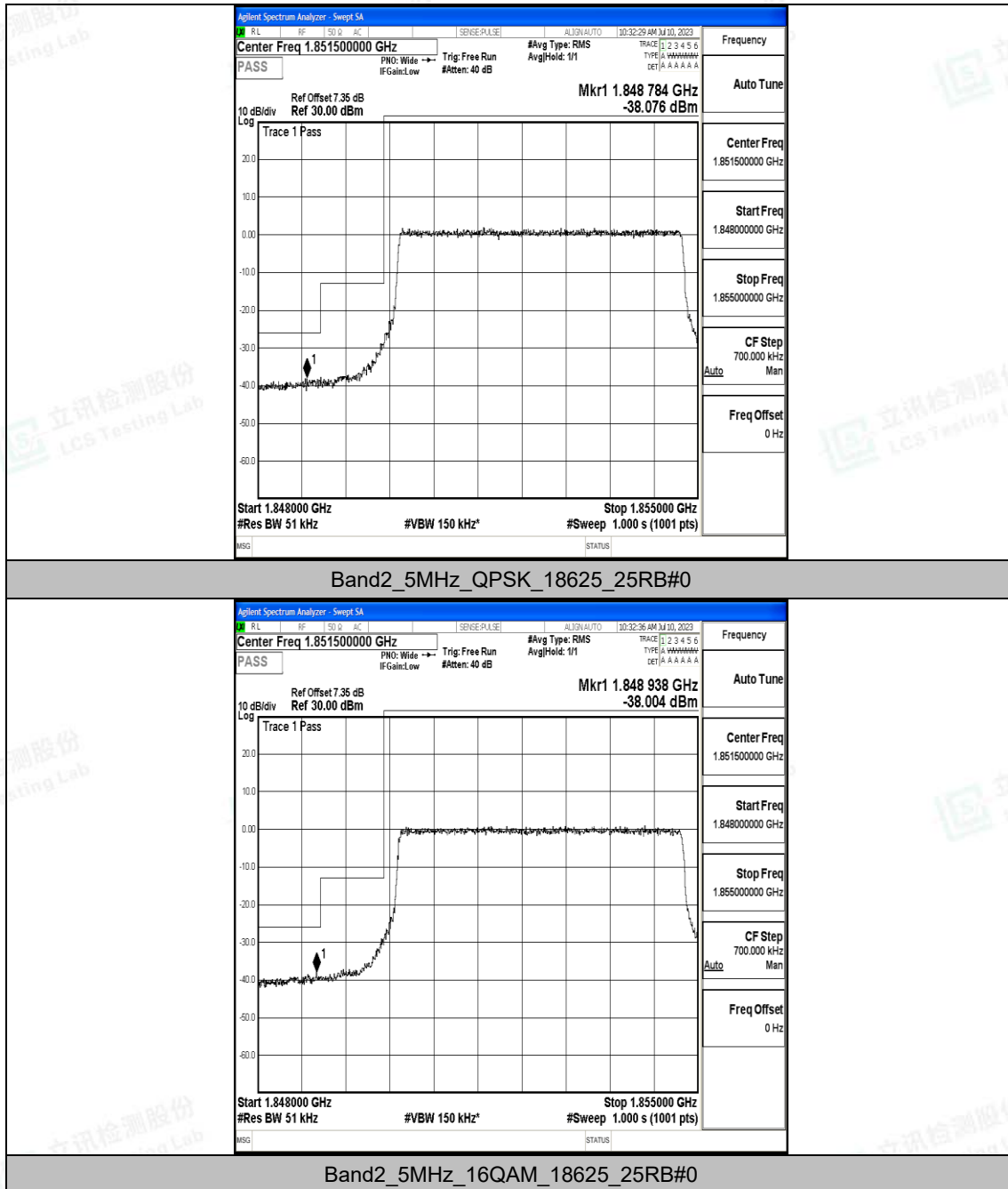
Test Graphs

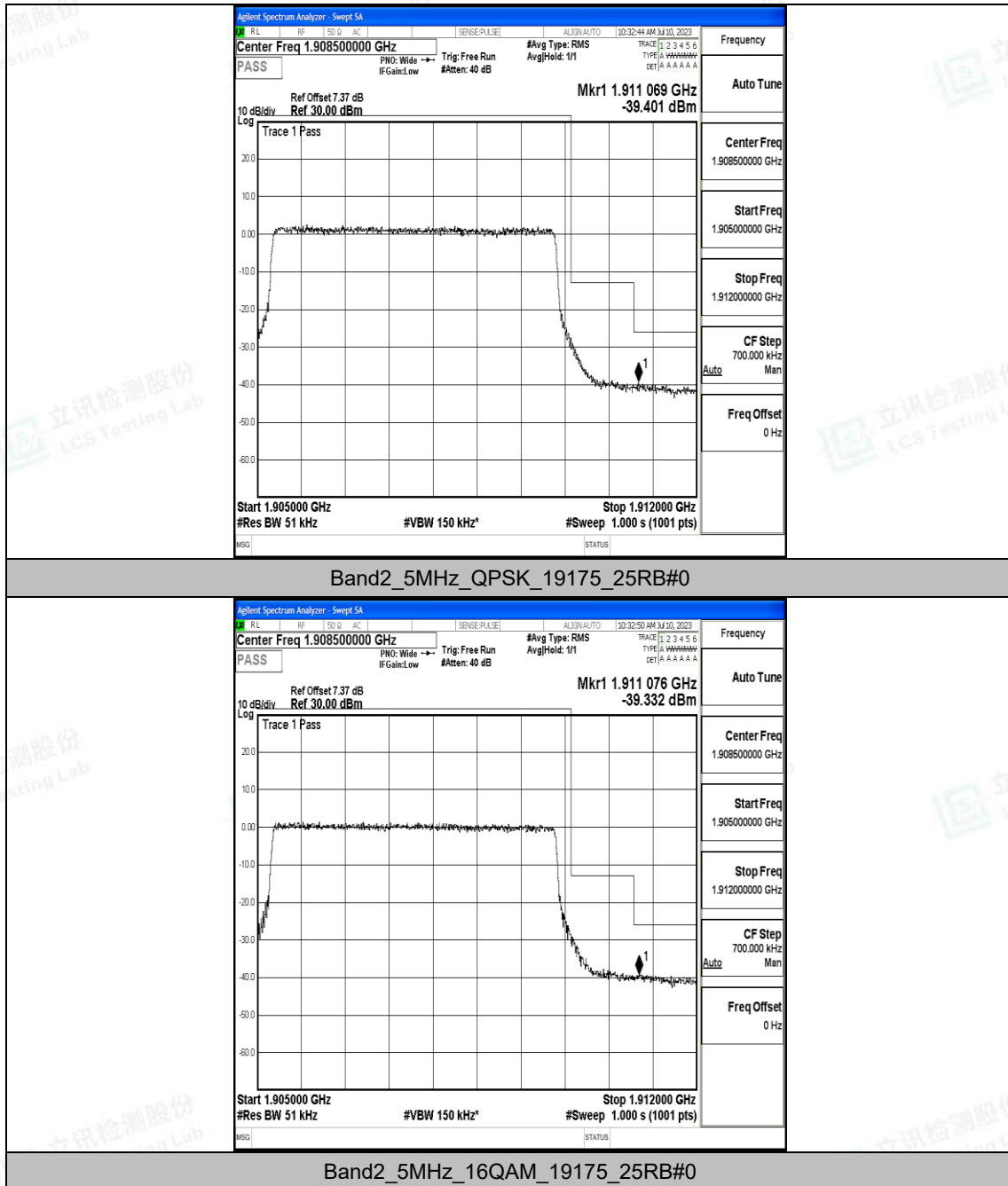


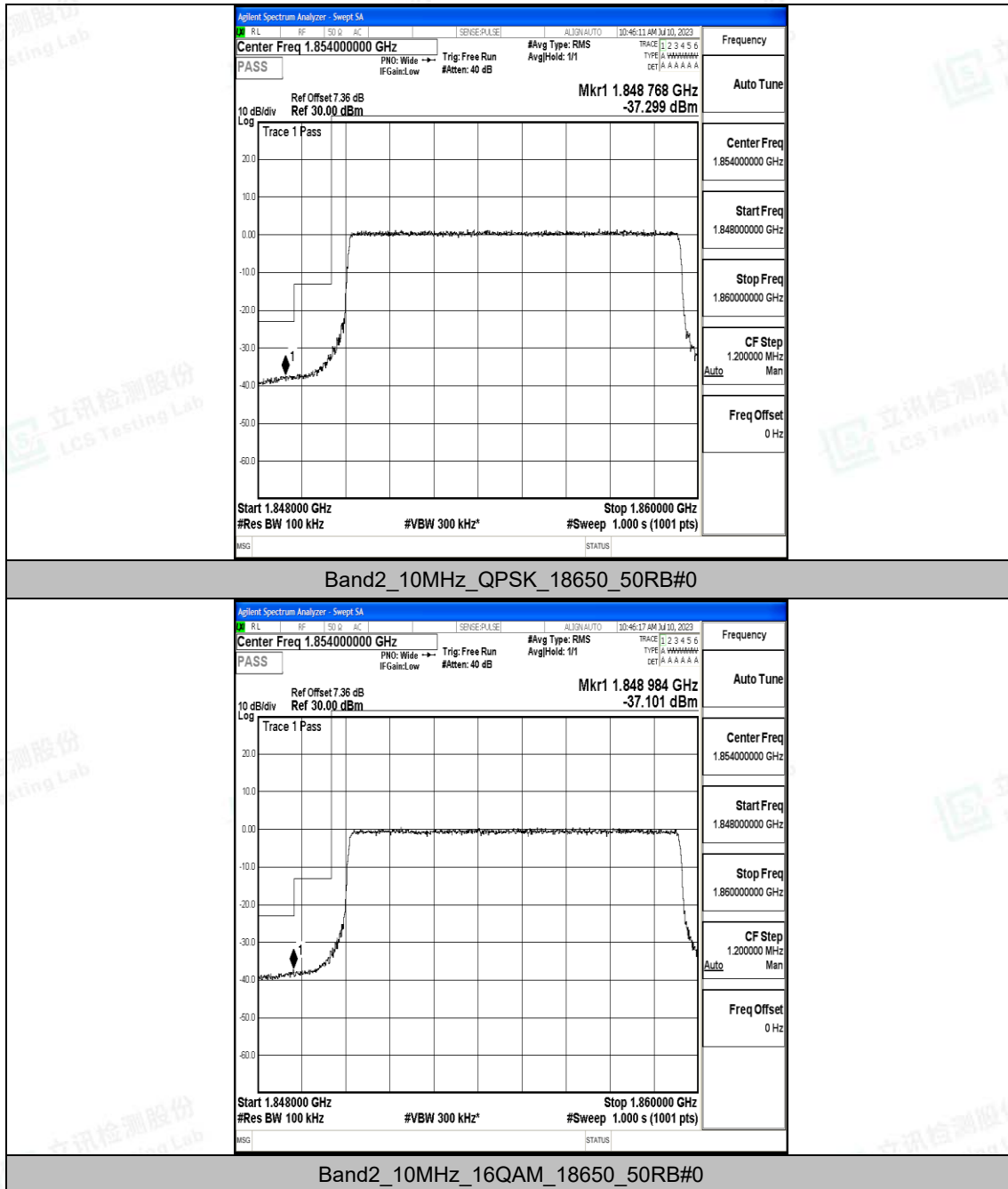


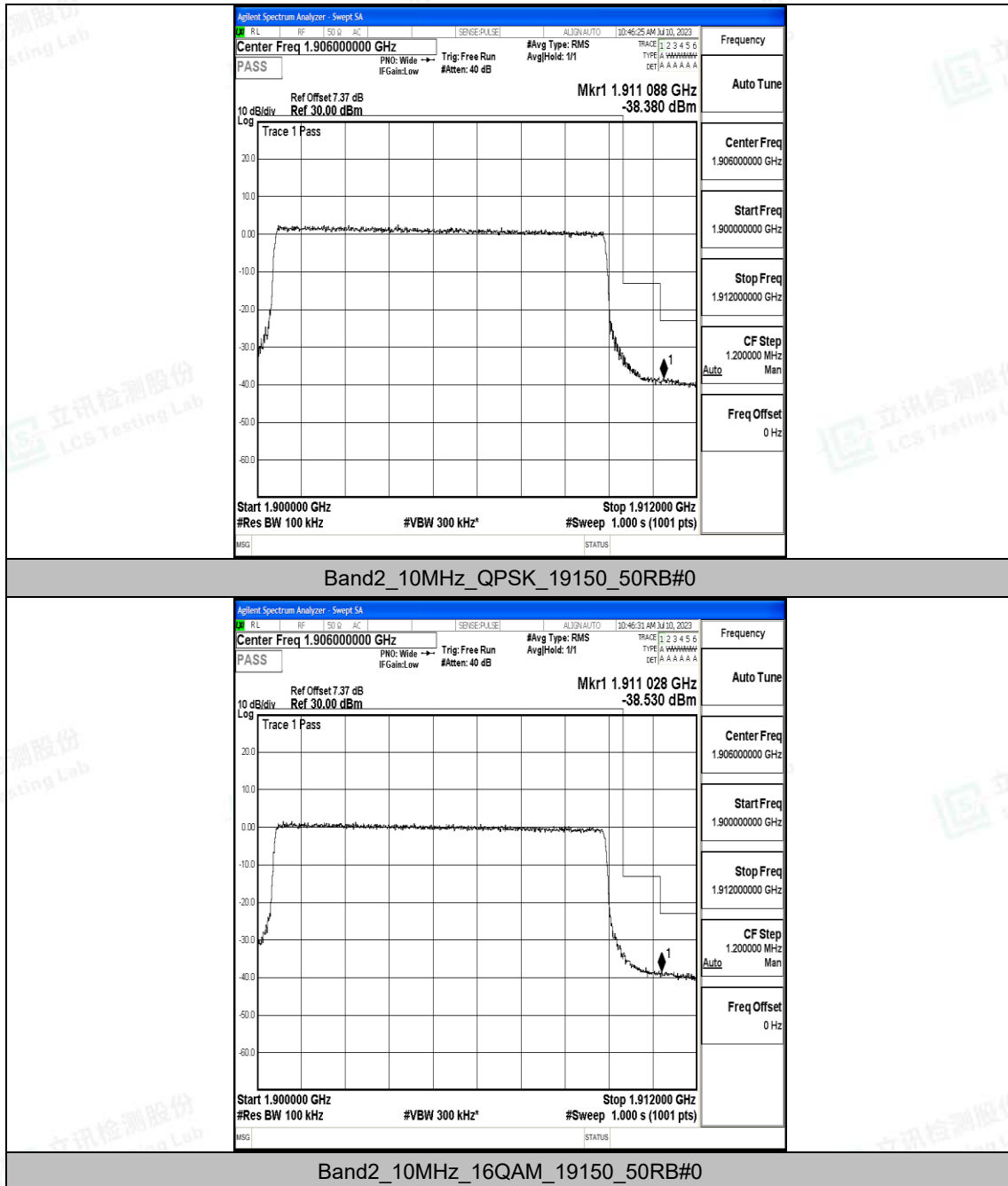


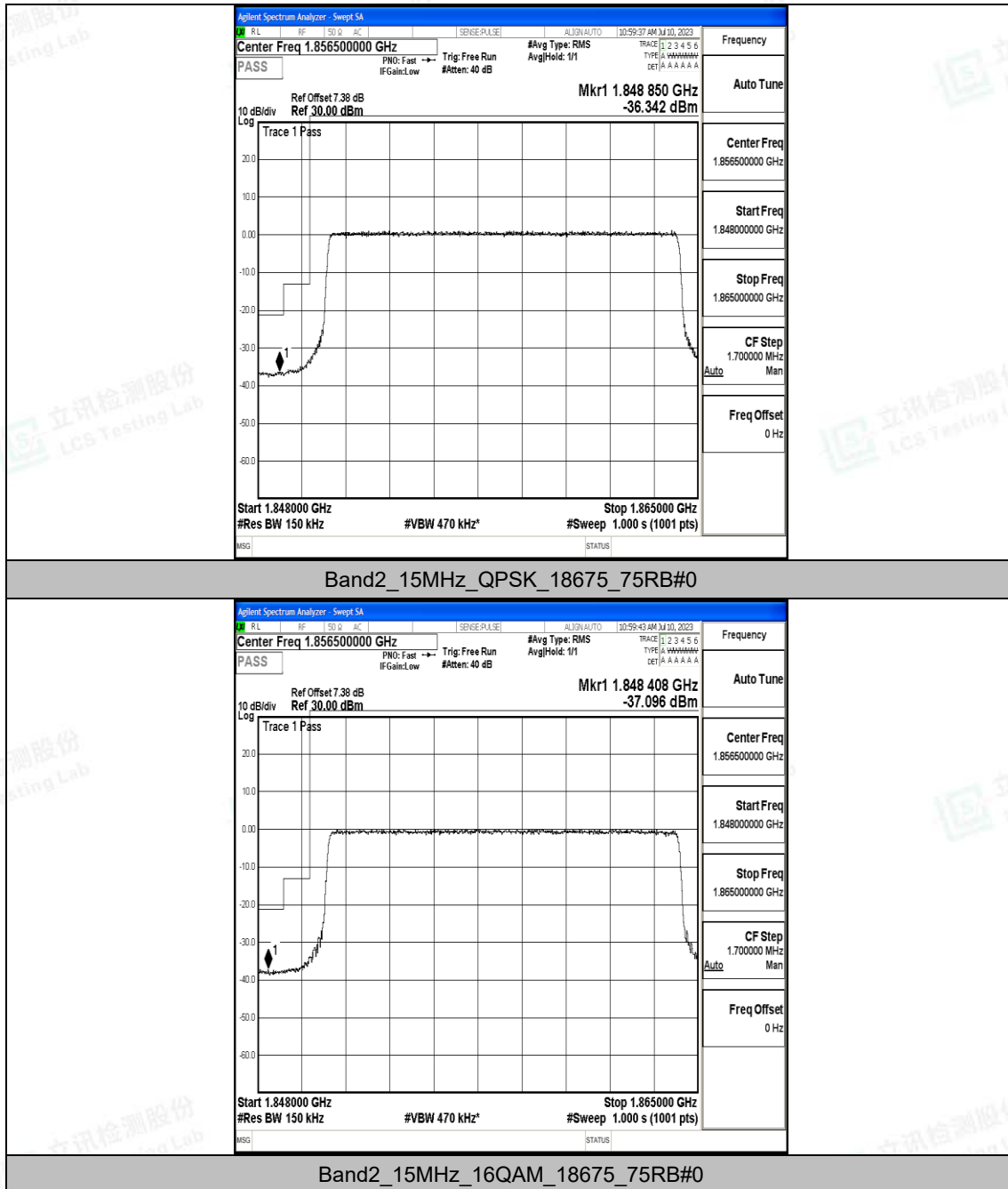


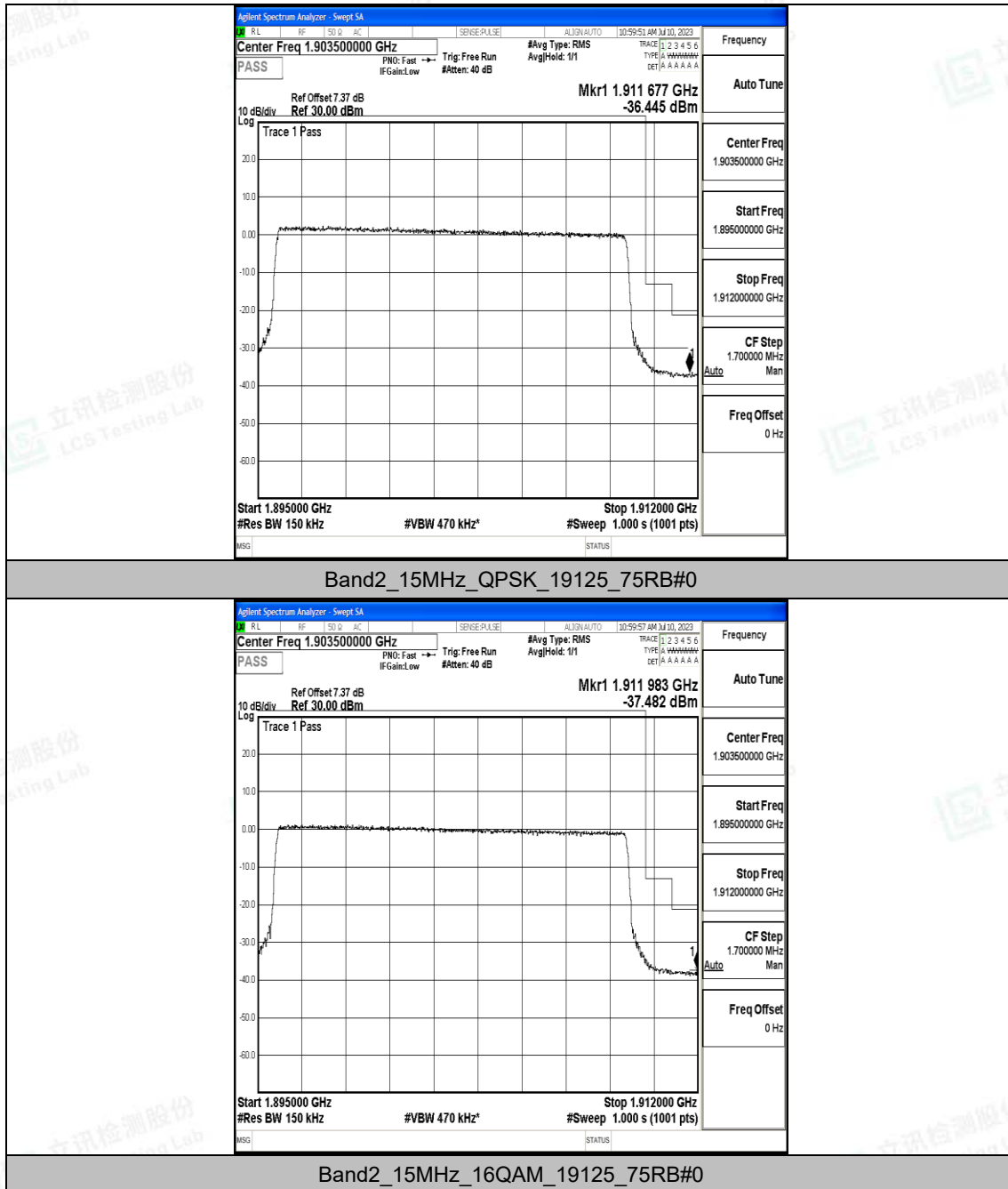


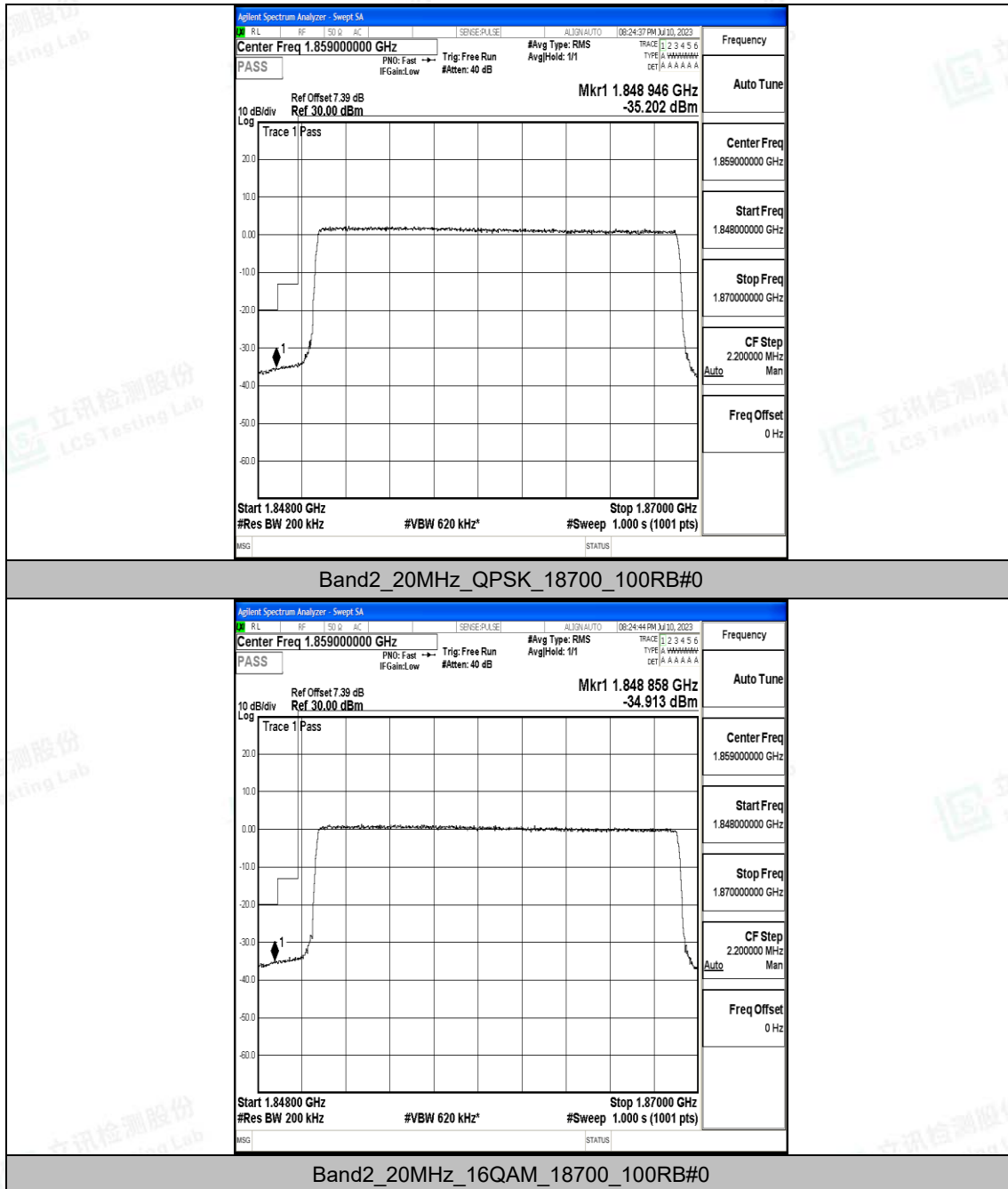


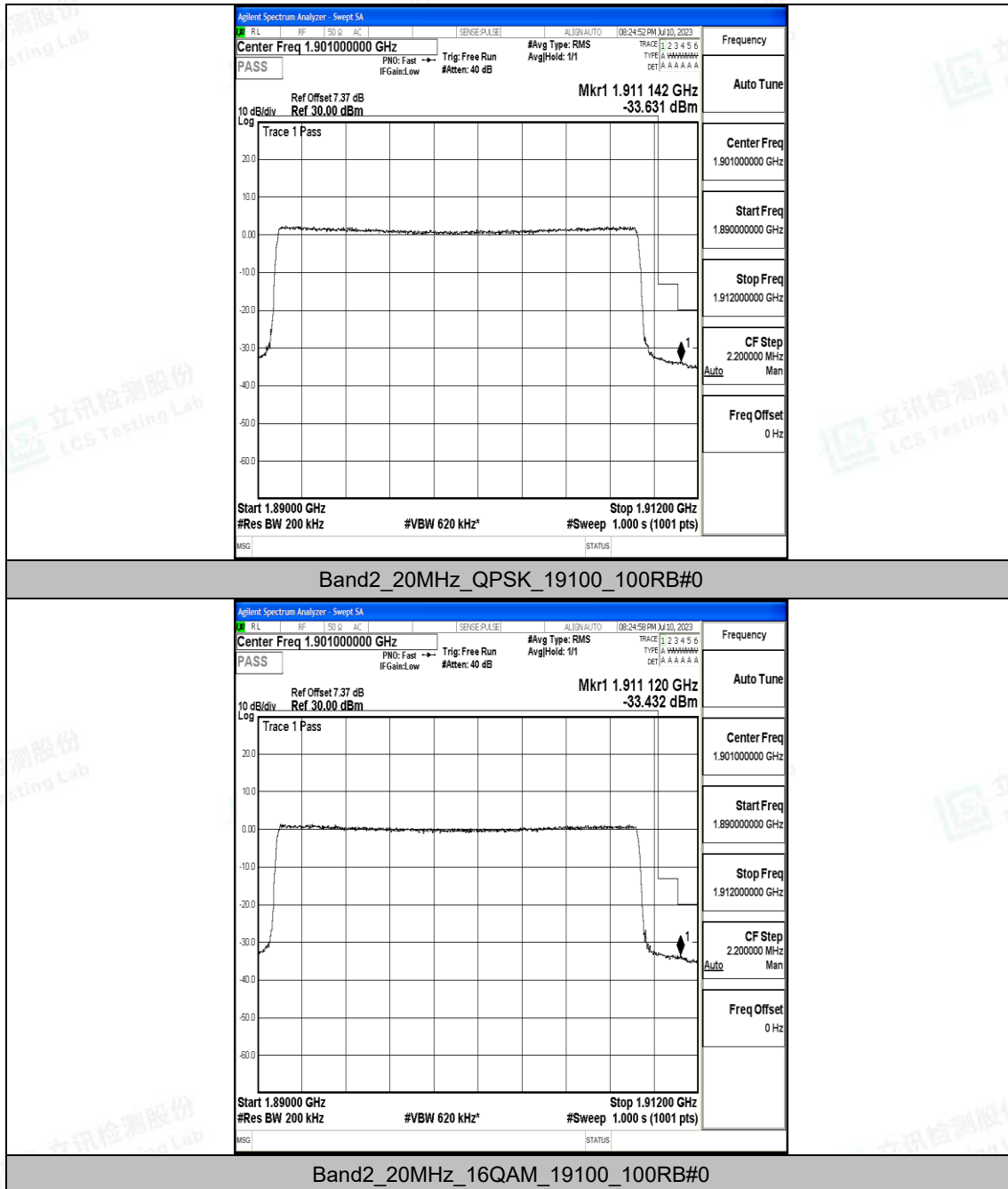














F.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	0.009~0.15	-65.15	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	0.15~30	-52.32	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	30~1000	-53.66	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	1000~3000	-37.87	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	3000~20000	-32.98	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.009~0.15	-64.29	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.15~30	-54.10	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	30~1000	-53.94	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	1000~3000	-41.26	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	3000~20000	-33.41	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.009~0.15	-66.20	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.15~30	-52.49	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	30~1000	-53.89	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	1000~3000	-39.45	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	3000~20000	-33.47	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.009~0.15	-64.99	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.15~30	-54.68	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	30~1000	-53.88	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	1000~3000	-40.29	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	3000~20000	-33.05	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.009~0.15	-64.59	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.15~30	-54.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	30~1000	-53.83	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	1000~3000	-39.76	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3000~20000	-33.45	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.009~0.15	-65.96	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.15~30	-53.54	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	30~1000	-53.82	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	1000~3000	-41.01	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	3000~20000	-33.47	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.009~0.15	-65.66	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.15~30	-51.74	PASS
Band2	3MHz	QPSK	18615	1RB#0	30~1000	-53.85	PASS
Band2	3MHz	QPSK	18615	1RB#0	1000~3000	-47.48	PASS
Band2	3MHz	QPSK	18615	1RB#0	3000~20000	-33.09	PASS



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Band2	3MHz	16QAM	18615	1RB#0	0.009~0.15	-66.54	PASS
Band2	3MHz	16QAM	18615	1RB#0	0.15~30	-54.80	PASS
Band2	3MHz	16QAM	18615	1RB#0	30~1000	-53.82	PASS
Band2	3MHz	16QAM	18615	1RB#0	1000~3000	-47.29	PASS
Band2	3MHz	16QAM	18615	1RB#0	3000~20000	-33.16	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.009~0.15	-63.02	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.15~30	-51.79	PASS
Band2	3MHz	QPSK	18900	1RB#0	30~1000	-53.95	PASS
Band2	3MHz	QPSK	18900	1RB#0	1000~3000	-46.46	PASS
Band2	3MHz	QPSK	18900	1RB#0	3000~20000	-33.33	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.009~0.15	-66.12	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.15~30	-53.44	PASS
Band2	3MHz	16QAM	18900	1RB#0	30~1000	-53.95	PASS
Band2	3MHz	16QAM	18900	1RB#0	1000~3000	-46.54	PASS
Band2	3MHz	16QAM	18900	1RB#0	3000~20000	-32.83	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.009~0.15	-64.78	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.15~30	-54.13	PASS
Band2	3MHz	QPSK	19185	1RB#0	30~1000	-53.95	PASS
Band2	3MHz	QPSK	19185	1RB#0	1000~3000	-45.25	PASS
Band2	3MHz	QPSK	19185	1RB#0	3000~20000	-33.36	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.009~0.15	-65.83	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.15~30	-53.45	PASS
Band2	3MHz	16QAM	19185	1RB#0	30~1000	-53.77	PASS
Band2	3MHz	16QAM	19185	1RB#0	1000~3000	-46.76	PASS
Band2	3MHz	16QAM	19185	1RB#0	3000~20000	-32.79	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.009~0.15	-65.80	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.15~30	-51.08	PASS
Band2	5MHz	QPSK	18625	1RB#0	30~1000	-53.94	PASS
Band2	5MHz	QPSK	18625	1RB#0	1000~3000	-47.83	PASS
Band2	5MHz	QPSK	18625	1RB#0	3000~20000	-32.96	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.009~0.15	-67.14	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.15~30	-52.06	PASS
Band2	5MHz	16QAM	18625	1RB#0	30~1000	-53.84	PASS
Band2	5MHz	16QAM	18625	1RB#0	1000~3000	-47.86	PASS
Band2	5MHz	16QAM	18625	1RB#0	3000~20000	-33.31	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.009~0.15	-64.76	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.15~30	-52.74	PASS
Band2	5MHz	QPSK	18900	1RB#0	30~1000	-53.80	PASS
Band2	5MHz	QPSK	18900	1RB#0	1000~3000	-47.62	PASS
Band2	5MHz	QPSK	18900	1RB#0	3000~20000	-33.42	PASS



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Band2	5MHz	16QAM	18900	1RB#0	0.009~0.15	-65.93	PASS
Band2	5MHz	16QAM	18900	1RB#0	0.15~30	-51.93	PASS
Band2	5MHz	16QAM	18900	1RB#0	30~1000	-53.74	PASS
Band2	5MHz	16QAM	18900	1RB#0	1000~3000	-47.78	PASS
Band2	5MHz	16QAM	18900	1RB#0	3000~20000	-33.08	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.009~0.15	-64.12	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.15~30	-55.03	PASS
Band2	5MHz	QPSK	19175	1RB#0	30~1000	-53.82	PASS
Band2	5MHz	QPSK	19175	1RB#0	1000~3000	-47.90	PASS
Band2	5MHz	QPSK	19175	1RB#0	3000~20000	-33.09	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.009~0.15	-65.15	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.15~30	-53.59	PASS
Band2	5MHz	16QAM	19175	1RB#0	30~1000	-53.86	PASS
Band2	5MHz	16QAM	19175	1RB#0	1000~3000	-48.17	PASS
Band2	5MHz	16QAM	19175	1RB#0	3000~20000	-32.93	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.009~0.15	-64.74	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.15~30	-51.18	PASS
Band2	10MHz	QPSK	18650	1RB#0	30~1000	-53.67	PASS
Band2	10MHz	QPSK	18650	1RB#0	1000~3000	-46.70	PASS
Band2	10MHz	QPSK	18650	1RB#0	3000~20000	-33.49	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.009~0.15	-66.11	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.15~30	-54.35	PASS
Band2	10MHz	16QAM	18650	1RB#0	30~1000	-53.97	PASS
Band2	10MHz	16QAM	18650	1RB#0	1000~3000	-47.62	PASS
Band2	10MHz	16QAM	18650	1RB#0	3000~20000	-33.34	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.009~0.15	-65.48	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.15~30	-54.32	PASS
Band2	10MHz	QPSK	18900	1RB#0	30~1000	-53.92	PASS
Band2	10MHz	QPSK	18900	1RB#0	1000~3000	-47.77	PASS
Band2	10MHz	QPSK	18900	1RB#0	3000~20000	-32.94	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.009~0.15	-65.80	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.15~30	-50.32	PASS
Band2	10MHz	16QAM	18900	1RB#0	30~1000	-53.78	PASS
Band2	10MHz	16QAM	18900	1RB#0	1000~3000	-47.68	PASS
Band2	10MHz	16QAM	18900	1RB#0	3000~20000	-33.27	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.009~0.15	-66.68	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.15~30	-53.44	PASS
Band2	10MHz	QPSK	19150	1RB#0	30~1000	-53.78	PASS
Band2	10MHz	QPSK	19150	1RB#0	1000~3000	-48.03	PASS
Band2	10MHz	QPSK	19150	1RB#0	3000~20000	-33.35	PASS



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Band2	10MHz	16QAM	19150	1RB#0	0.009~0.15	-65.71	PASS
Band2	10MHz	16QAM	19150	1RB#0	0.15~30	-52.75	PASS
Band2	10MHz	16QAM	19150	1RB#0	30~1000	-53.85	PASS
Band2	10MHz	16QAM	19150	1RB#0	1000~3000	-47.99	PASS
Band2	10MHz	16QAM	19150	1RB#0	3000~20000	-33.36	PASS
Band2	15MHz	QPSK	18675	1RB#0	0.009~0.15	-63.87	PASS
Band2	15MHz	QPSK	18675	1RB#0	0.15~30	-53.31	PASS
Band2	15MHz	QPSK	18675	1RB#0	30~1000	-53.86	PASS
Band2	15MHz	QPSK	18675	1RB#0	1000~3000	-47.42	PASS
Band2	15MHz	QPSK	18675	1RB#0	3000~20000	-32.86	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.009~0.15	-63.96	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.15~30	-53.82	PASS
Band2	15MHz	16QAM	18675	1RB#0	30~1000	-53.66	PASS
Band2	15MHz	16QAM	18675	1RB#0	1000~3000	-47.81	PASS
Band2	15MHz	16QAM	18675	1RB#0	3000~20000	-33.45	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.009~0.15	-64.32	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.15~30	-53.08	PASS
Band2	15MHz	QPSK	18900	1RB#0	30~1000	-53.83	PASS
Band2	15MHz	QPSK	18900	1RB#0	1000~3000	-47.79	PASS
Band2	15MHz	QPSK	18900	1RB#0	3000~20000	-32.56	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.009~0.15	-65.28	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.15~30	-54.36	PASS
Band2	15MHz	16QAM	18900	1RB#0	30~1000	-53.88	PASS
Band2	15MHz	16QAM	18900	1RB#0	1000~3000	-47.83	PASS
Band2	15MHz	16QAM	18900	1RB#0	3000~20000	-33.53	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.009~0.15	-64.01	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.15~30	-52.41	PASS
Band2	15MHz	QPSK	19125	1RB#0	30~1000	-53.80	PASS
Band2	15MHz	QPSK	19125	1RB#0	1000~3000	-47.95	PASS
Band2	15MHz	QPSK	19125	1RB#0	3000~20000	-33.47	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.009~0.15	-63.27	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.15~30	-53.59	PASS
Band2	15MHz	16QAM	19125	1RB#0	30~1000	-53.82	PASS
Band2	15MHz	16QAM	19125	1RB#0	1000~3000	-47.35	PASS
Band2	15MHz	16QAM	19125	1RB#0	3000~20000	-33.45	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.009~0.15	-65.18	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.15~30	-53.99	PASS
Band2	20MHz	QPSK	18700	1RB#0	30~1000	-53.86	PASS
Band2	20MHz	QPSK	18700	1RB#0	1000~3000	-48.12	PASS
Band2	20MHz	QPSK	18700	1RB#0	3000~20000	-33.44	PASS



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Band2	20MHz	16QAM	18700	1RB#0	0.009~0.15	-62.57	PASS
Band2	20MHz	16QAM	18700	1RB#0	0.15~30	-54.46	PASS
Band2	20MHz	16QAM	18700	1RB#0	30~1000	-53.79	PASS
Band2	20MHz	16QAM	18700	1RB#0	1000~3000	-47.84	PASS
Band2	20MHz	16QAM	18700	1RB#0	3000~20000	-33.37	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.009~0.15	-66.37	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.15~30	-53.78	PASS
Band2	20MHz	QPSK	18900	1RB#0	30~1000	-53.76	PASS
Band2	20MHz	QPSK	18900	1RB#0	1000~3000	-47.81	PASS
Band2	20MHz	QPSK	18900	1RB#0	3000~20000	-33.17	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.009~0.15	-63.21	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.15~30	-53.37	PASS
Band2	20MHz	16QAM	18900	1RB#0	30~1000	-53.76	PASS
Band2	20MHz	16QAM	18900	1RB#0	1000~3000	-47.57	PASS
Band2	20MHz	16QAM	18900	1RB#0	3000~20000	-33.51	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.009~0.15	-64.17	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.15~30	-54.09	PASS
Band2	20MHz	QPSK	19100	1RB#0	30~1000	-53.84	PASS
Band2	20MHz	QPSK	19100	1RB#0	1000~3000	-47.83	PASS
Band2	20MHz	QPSK	19100	1RB#0	3000~20000	-33.18	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.009~0.15	-65.05	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.15~30	-55.51	PASS
Band2	20MHz	16QAM	19100	1RB#0	30~1000	-53.85	PASS
Band2	20MHz	16QAM	19100	1RB#0	1000~3000	-48.02	PASS
Band2	20MHz	16QAM	19100	1RB#0	3000~20000	-33.40	PASS





Test Graphs

