



Appendix E: Test Data for E-UTRA Band 4

Product Name: Smartphone

Test Model: ZG65

Environmental Conditions

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



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E.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.27	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.39	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.32	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.56	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.28	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.39	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.37	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.25	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.34	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.25	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.32	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.19	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.33	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.41	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.31	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.44	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.35	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.57	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.27	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.39	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.34	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.27	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.33	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.25	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.38	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.35	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.26	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.28	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.38	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.44	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.60	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.24	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.37	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.36	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.23	PASS



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Band4	1.4MHz	QPSK	20393	3RB#1	22.33	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.24	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.34	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.21	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.36	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.38	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.27	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.49	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.27	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.41	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.29	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.41	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.30	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.38	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.33	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.36	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.30	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.31	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.26	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.29	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.31	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.53	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.32	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.45	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.29	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.46	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.33	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.32	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.32	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.35	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.36	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.35	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.32	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.26	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.35	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.54	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.25	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.44	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.26	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.40	PASS



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Band4	3MHz	QPSK	20385	8RB#0	21.40	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.43	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.38	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.41	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.37	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.37	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.35	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.33	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.29	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.32	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.37	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.36	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.22	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.22	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.29	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.26	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.31	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.25	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.28	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.27	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.30	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.27	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.28	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.54	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.39	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.58	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.29	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.51	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.34	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.33	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.33	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.36	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.34	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.39	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.37	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.35	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.37	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.41	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.43	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.43	PASS



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Band4	5MHz	QPSK	20375	1RB#24	22.28	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.27	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.40	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.38	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.41	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.34	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.38	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.34	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.39	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.42	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.27	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.44	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.40	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.58	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.23	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.39	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.33	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.27	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.29	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.26	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.29	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.30	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.26	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.25	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.27	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.43	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.39	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.72	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.31	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.44	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.34	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.38	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.39	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.38	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.38	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.43	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.36	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.36	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.35	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.55	PASS



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Band4	10MHz	QPSK	20350	1RB#24	22.59	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.63	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.23	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.45	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.46	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.46	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.43	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.45	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.40	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.38	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.41	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.39	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.22	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.40	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.28	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.44	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.18	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.37	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.35	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.36	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.32	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.32	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.31	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.31	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.36	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.31	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.22	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.55	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.38	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.64	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.31	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.53	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.43	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.43	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.45	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.46	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.40	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.42	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.43	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.38	PASS



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Band4	15MHz	QPSK	20325	1RB#0	22.30	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.49	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.46	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.62	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.17	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.42	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.56	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.56	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.54	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.55	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.56	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.56	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.56	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.47	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.21	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.18	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.43	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.47	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.12	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.15	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.27	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.29	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.25	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.27	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.38	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.35	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.31	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.31	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.18	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.30	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.46	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.56	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.18	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.32	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.34	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.32	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.33	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.32	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.41	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.48	PASS



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Band4	20MHz	QPSK	20175	100RB#0	21.33	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.37	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.23	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.28	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.61	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.54	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.17	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.16	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.50	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.41	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.45	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.47	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.41	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.45	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.42	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.39	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	4.97	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.68	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.02	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.74	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.72	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.53	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.92	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.80	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.96	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.96	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.68	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.47	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.13	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.93	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.08	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.83	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.71	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.61	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.04	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.89	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.09	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.88	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.83	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.63	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.41	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.91	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.40	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.98	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.12	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.84	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.22	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.04	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.33	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.03	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.25	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.87	13	PASS



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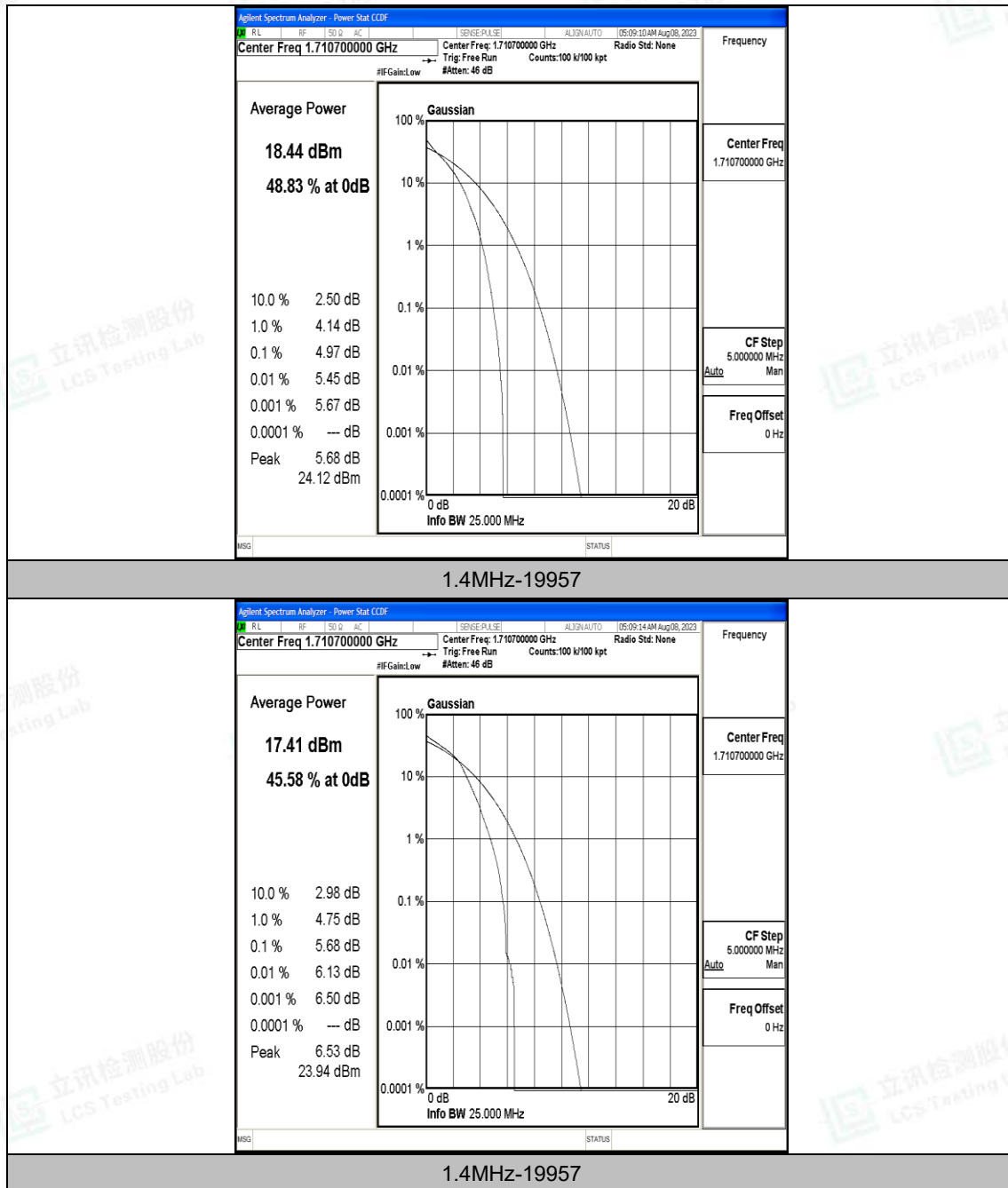
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

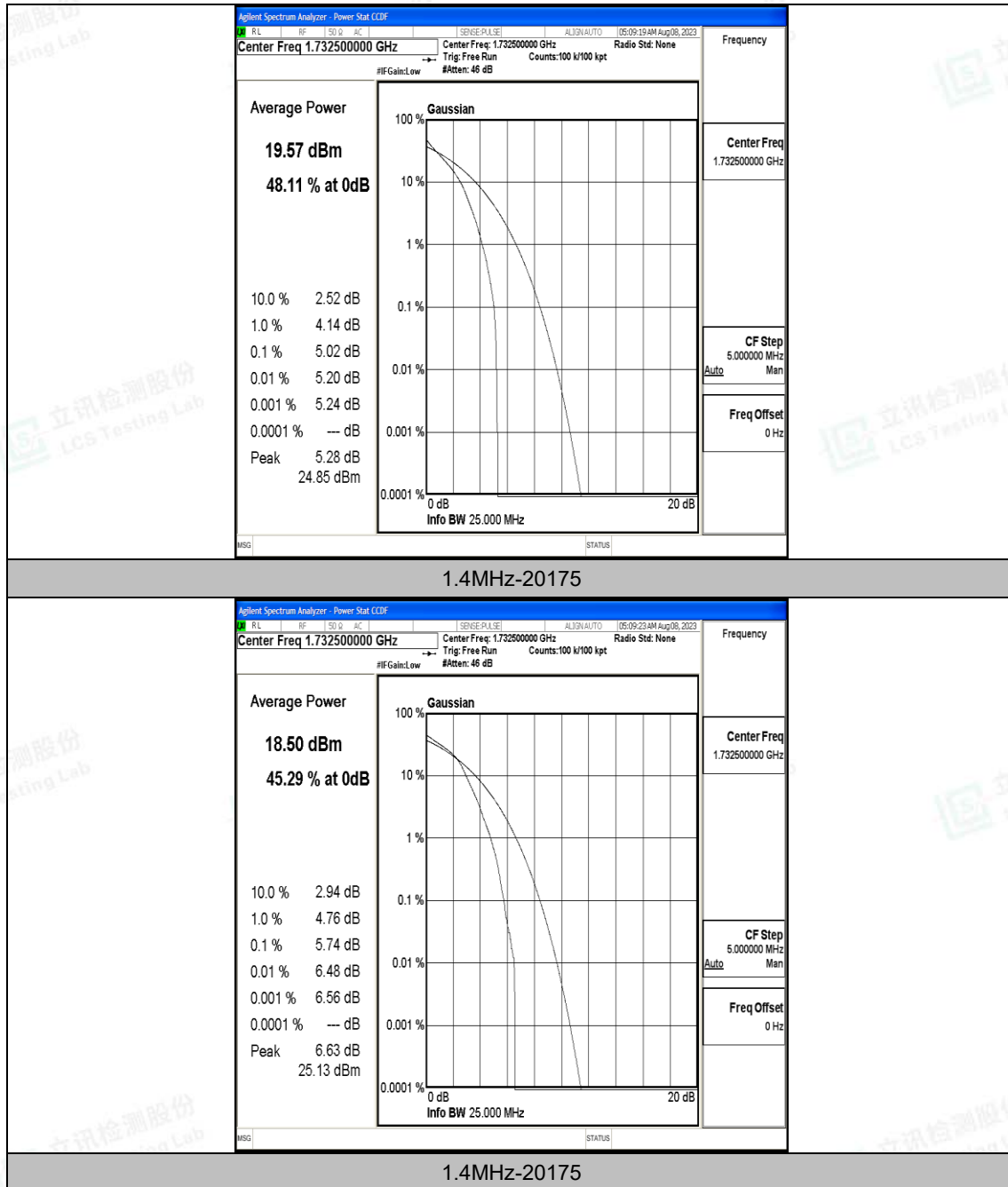
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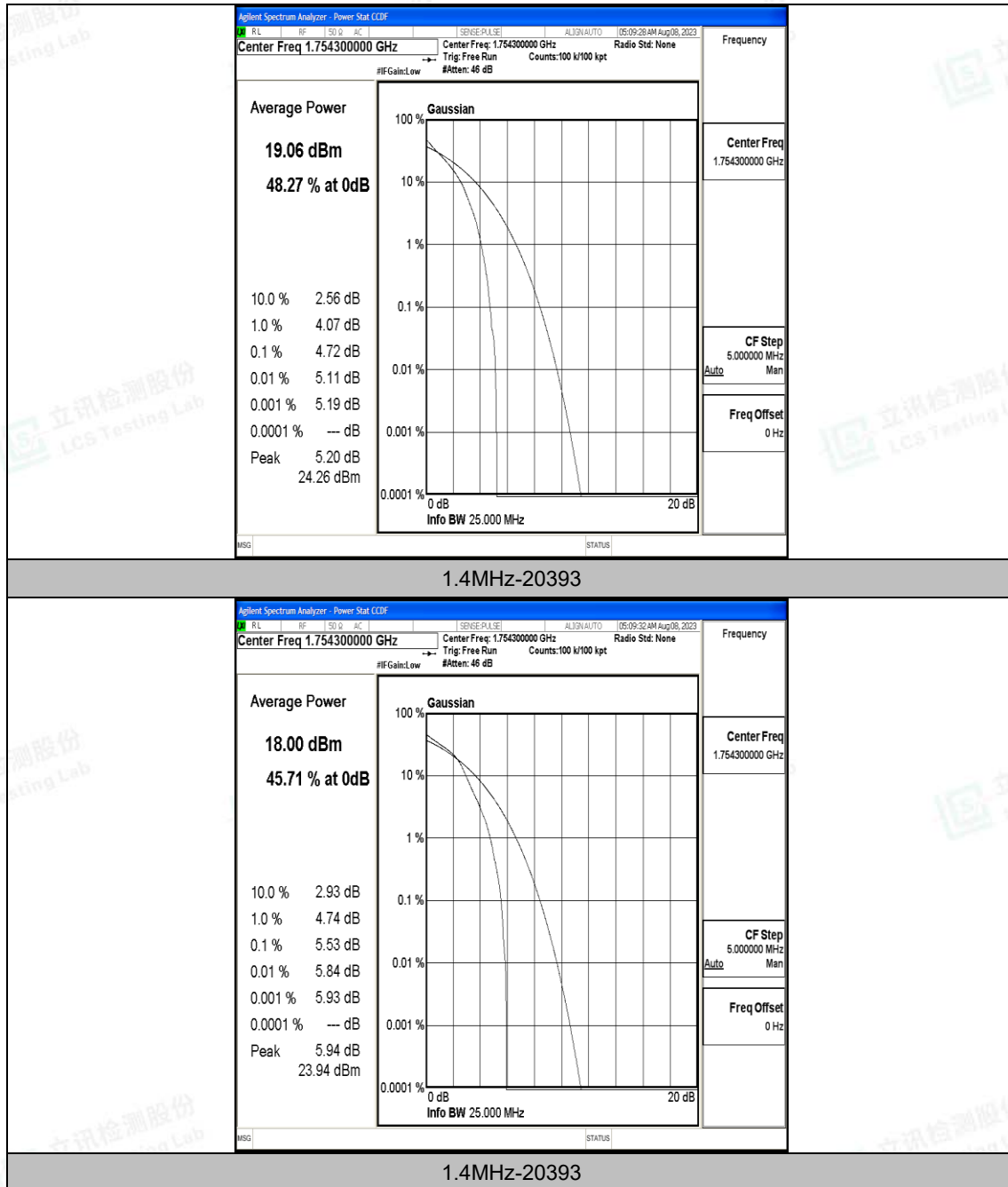
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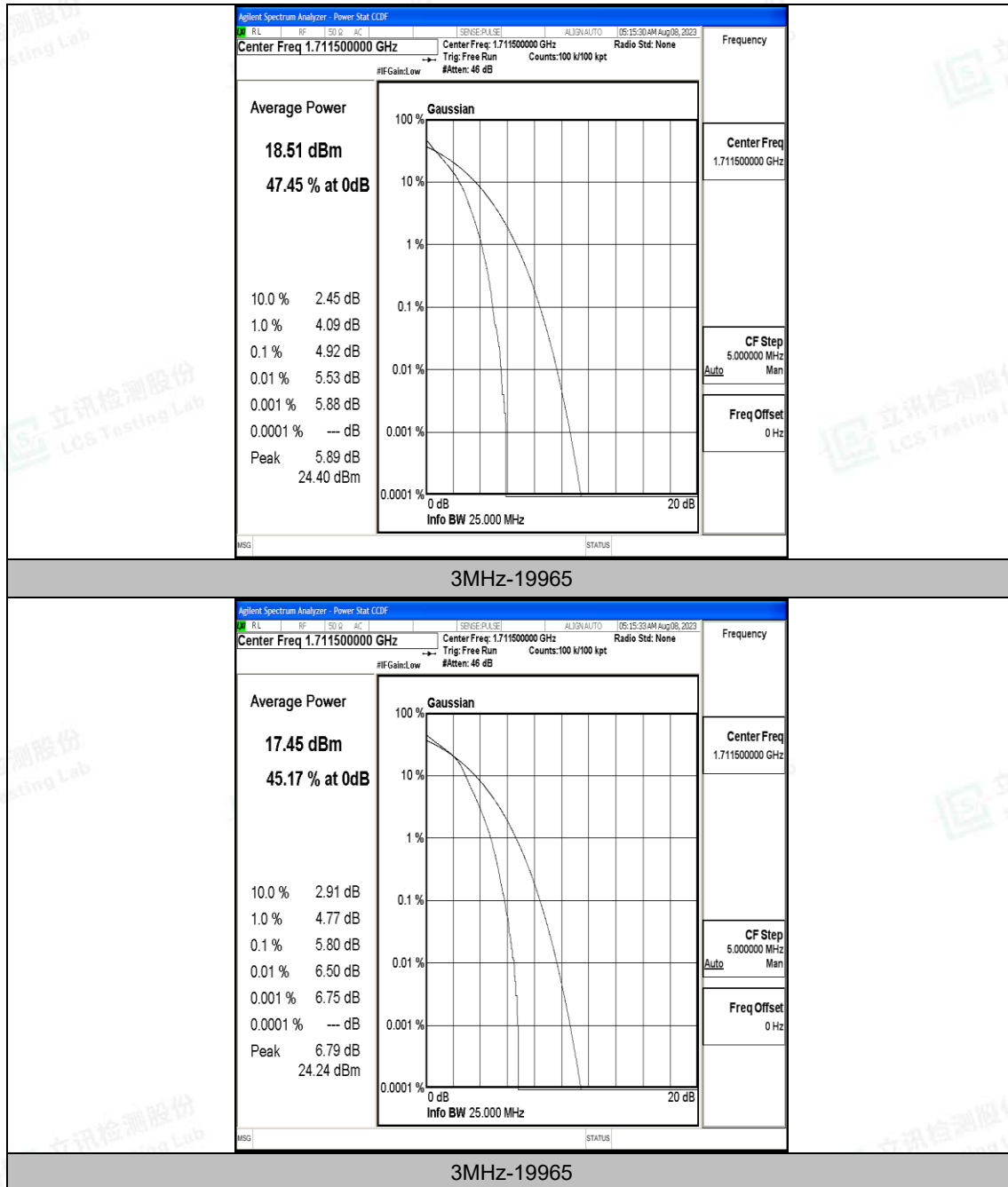


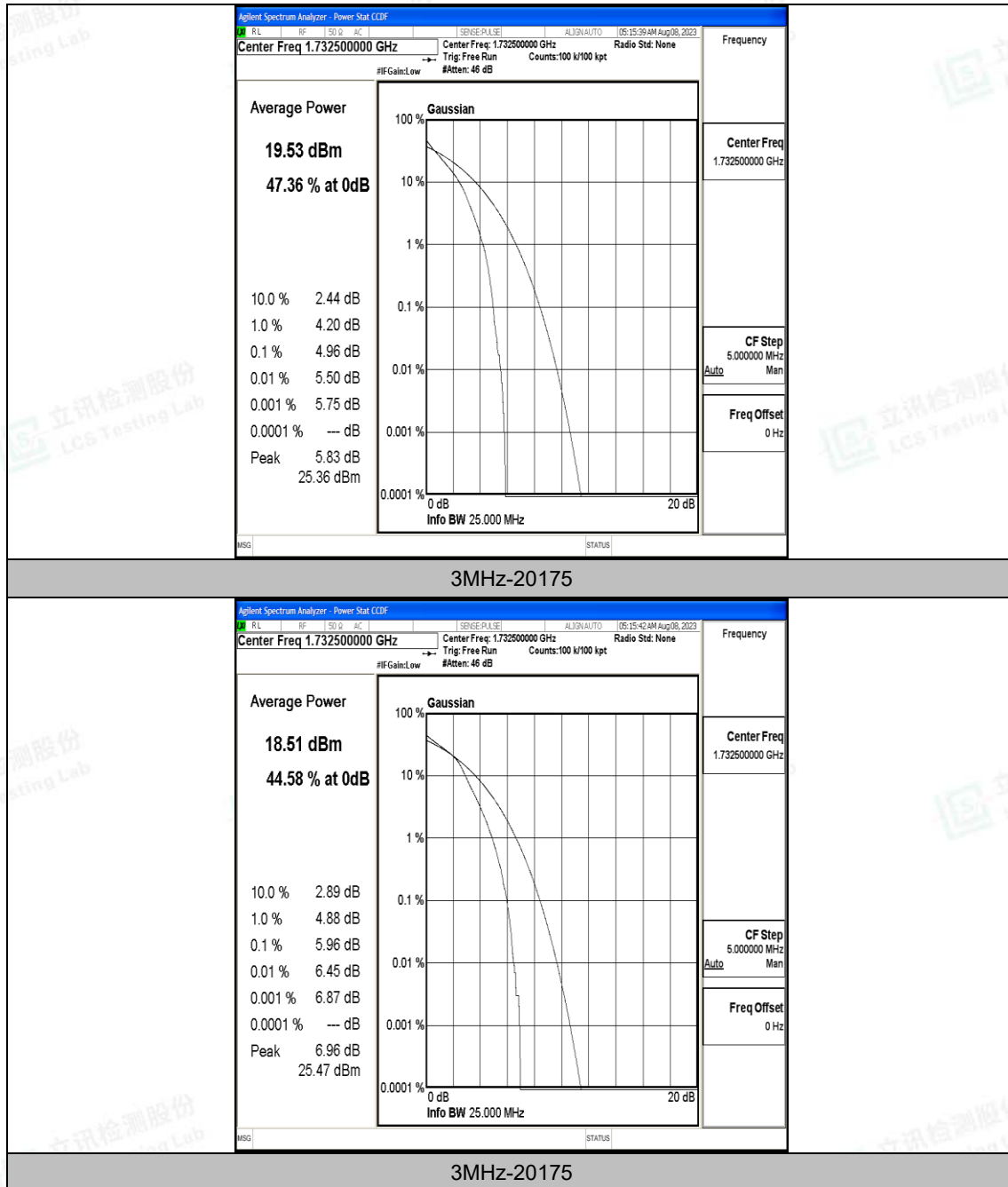
Test Graphs

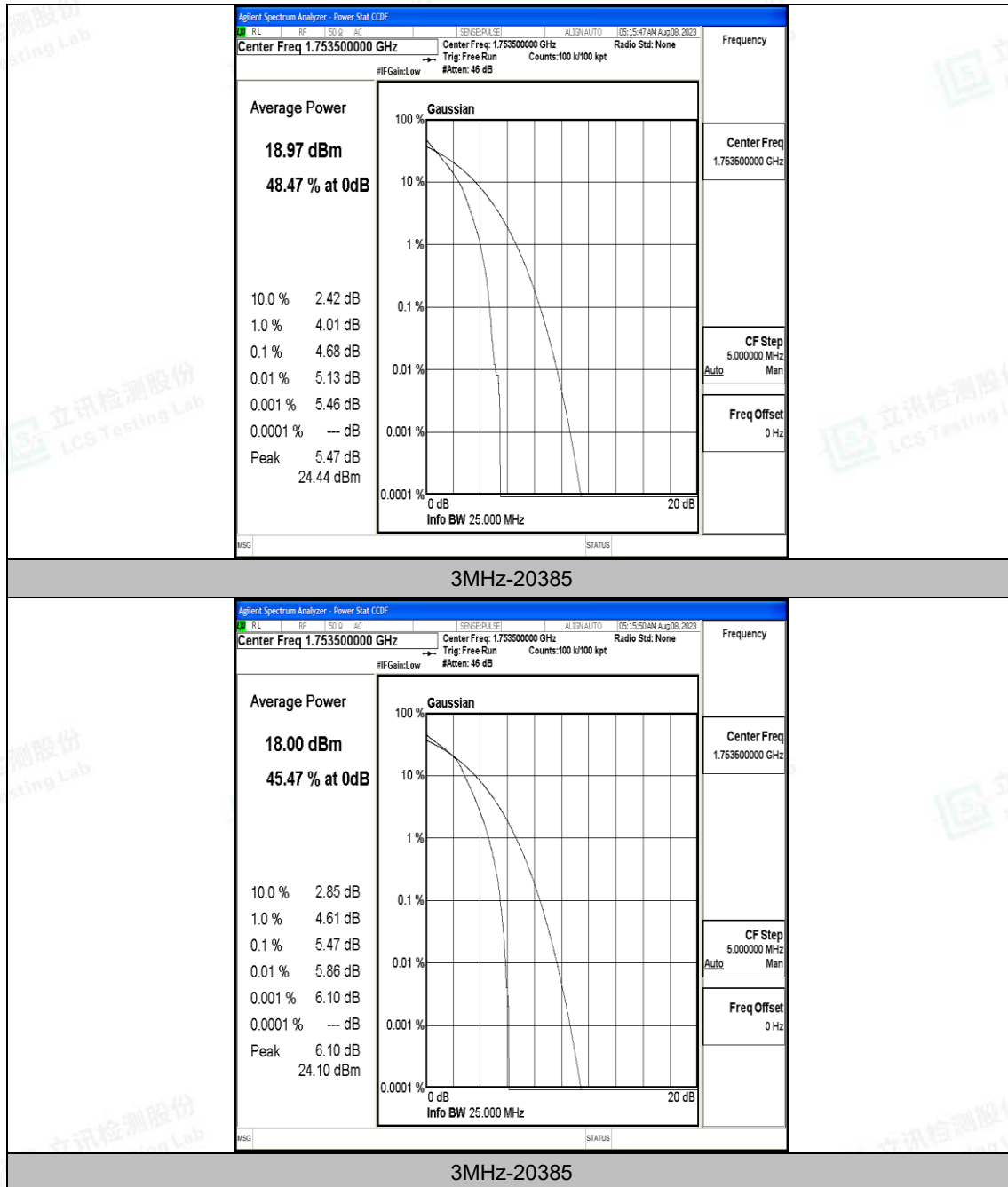










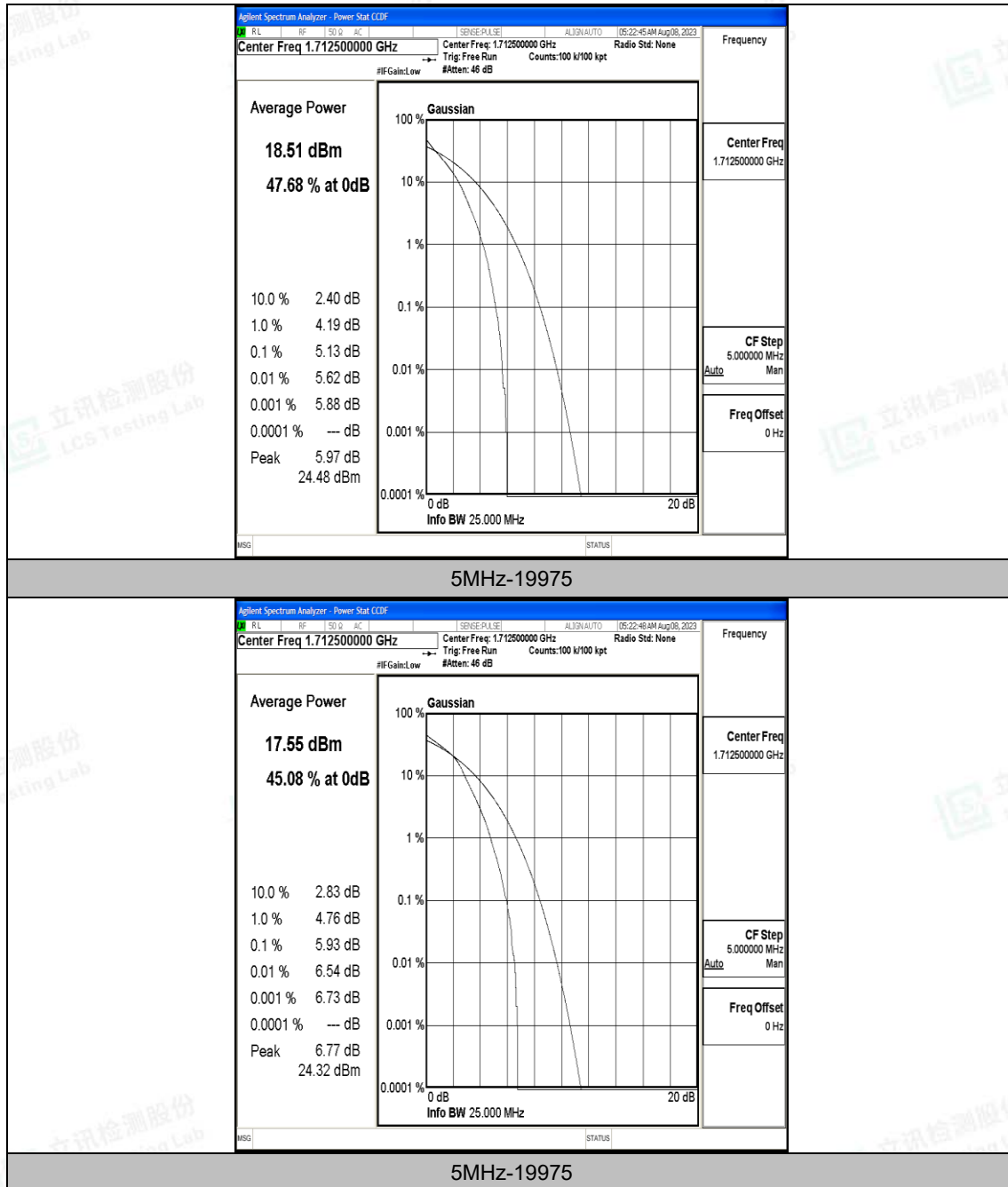


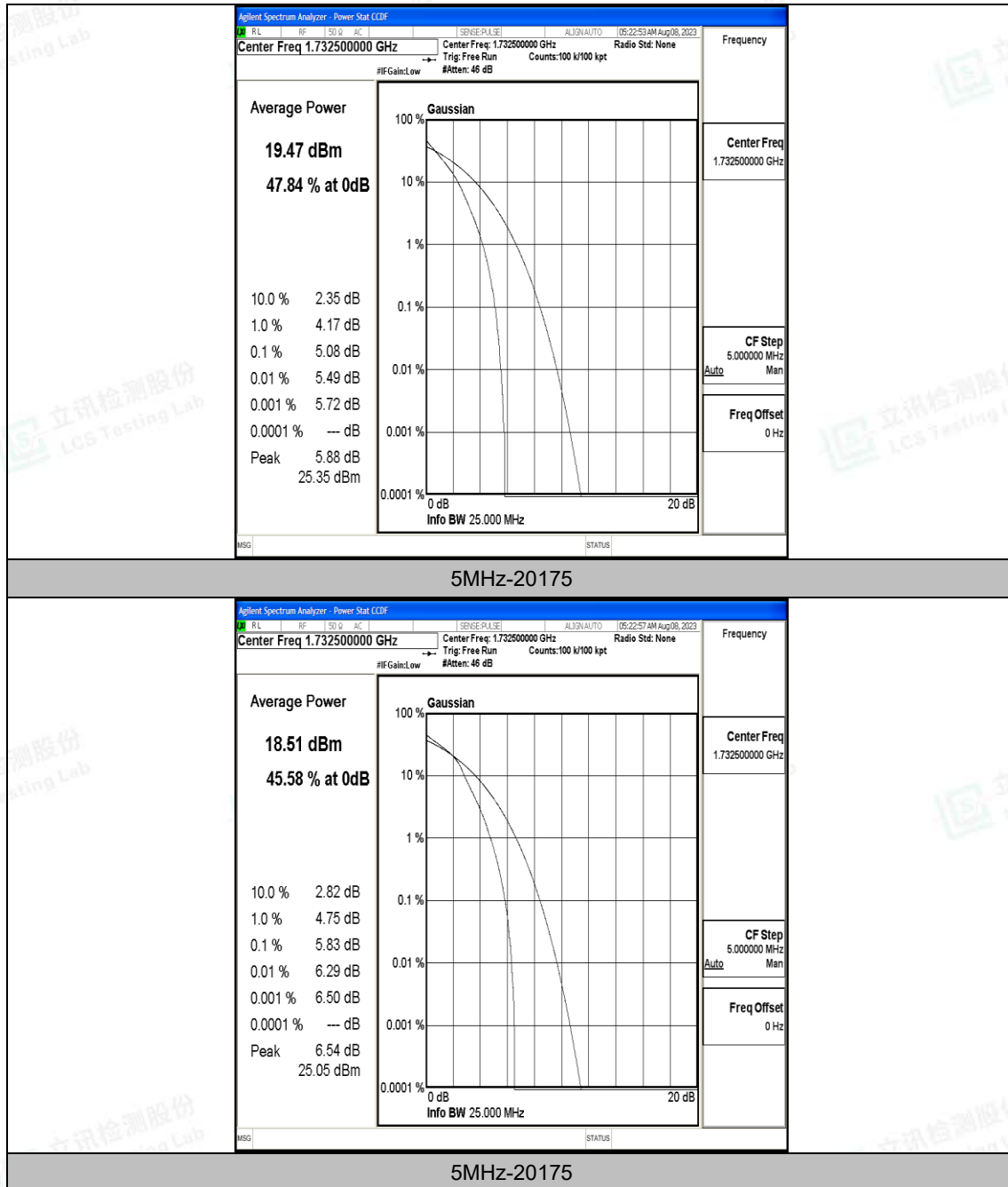
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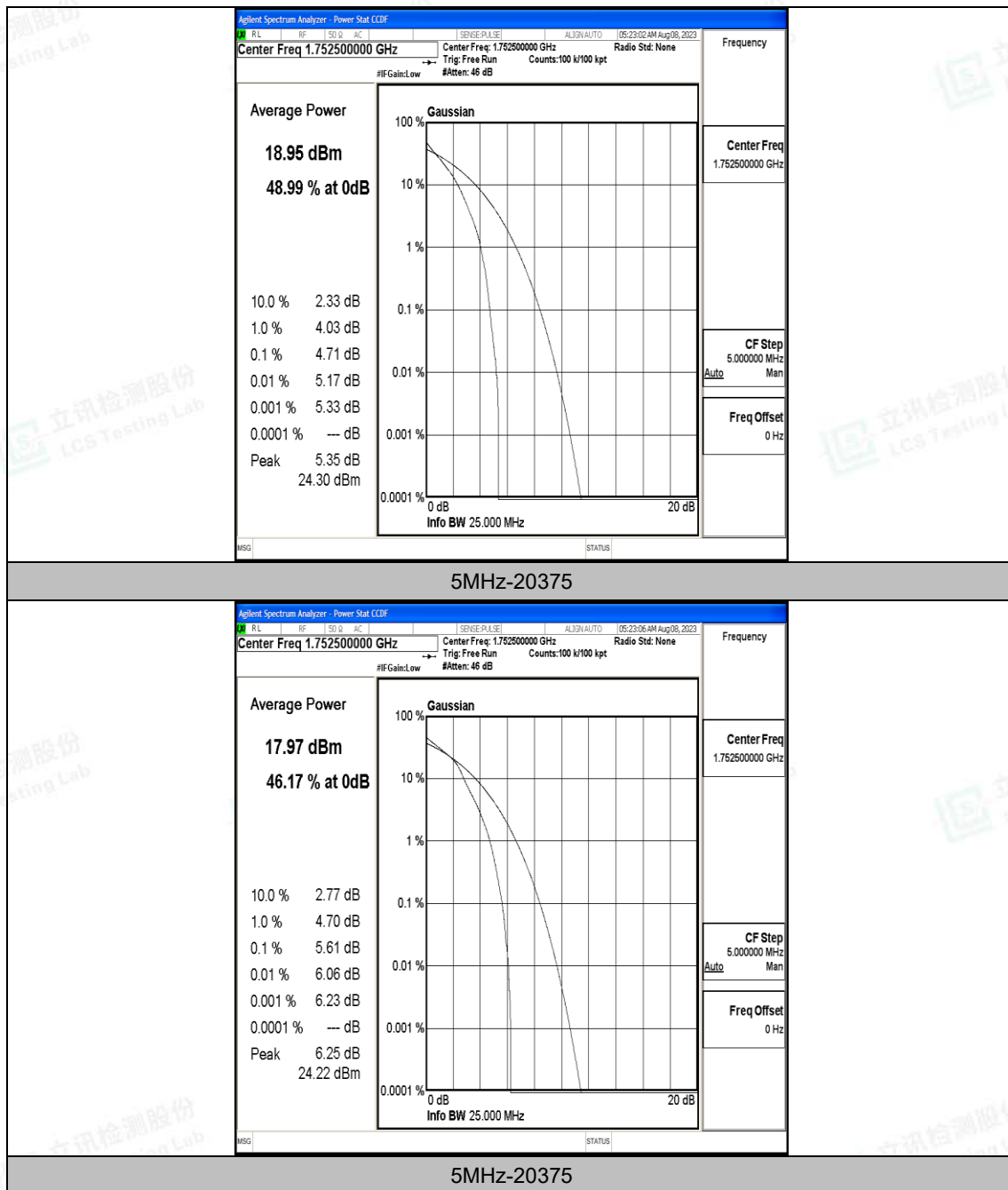
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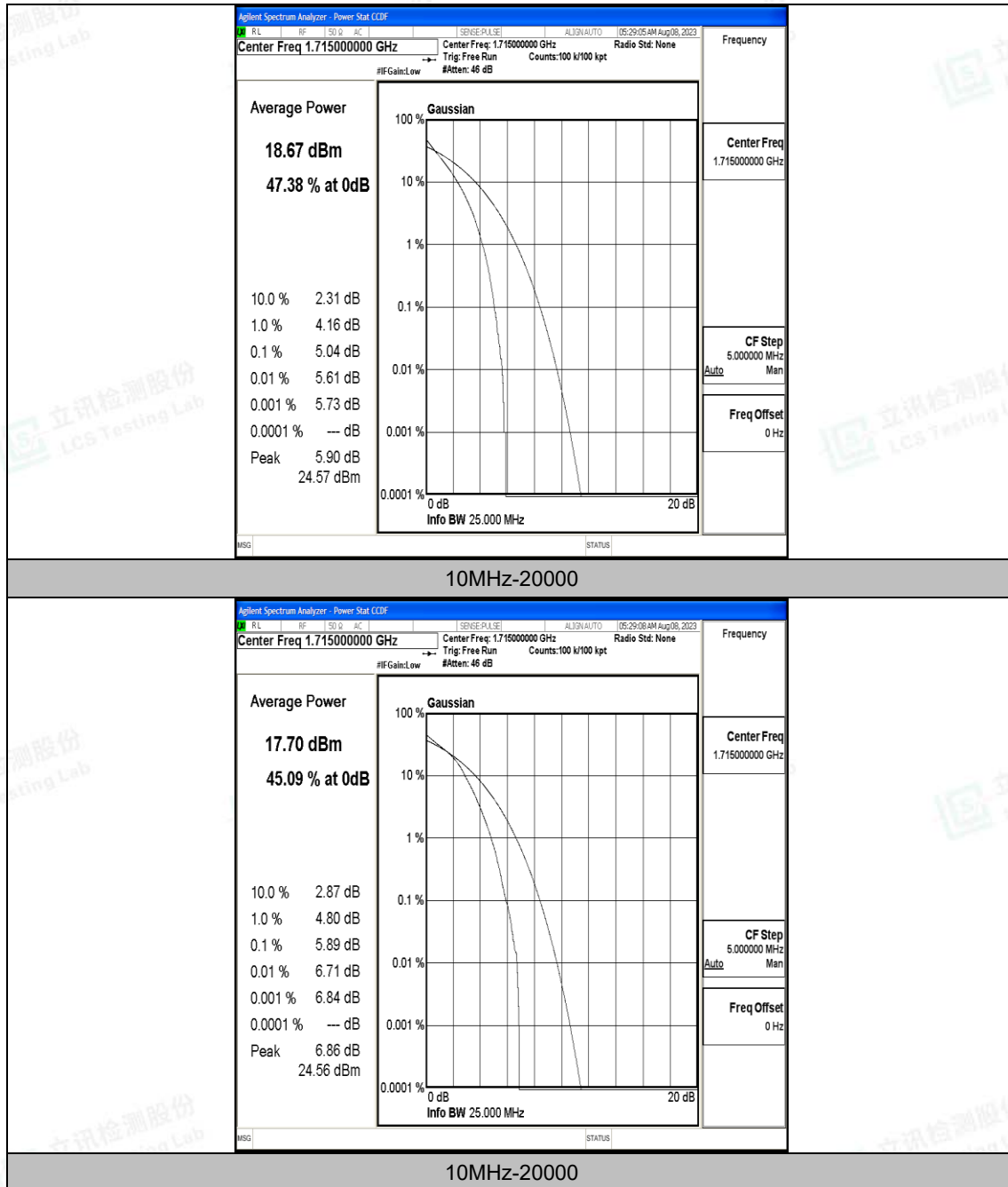
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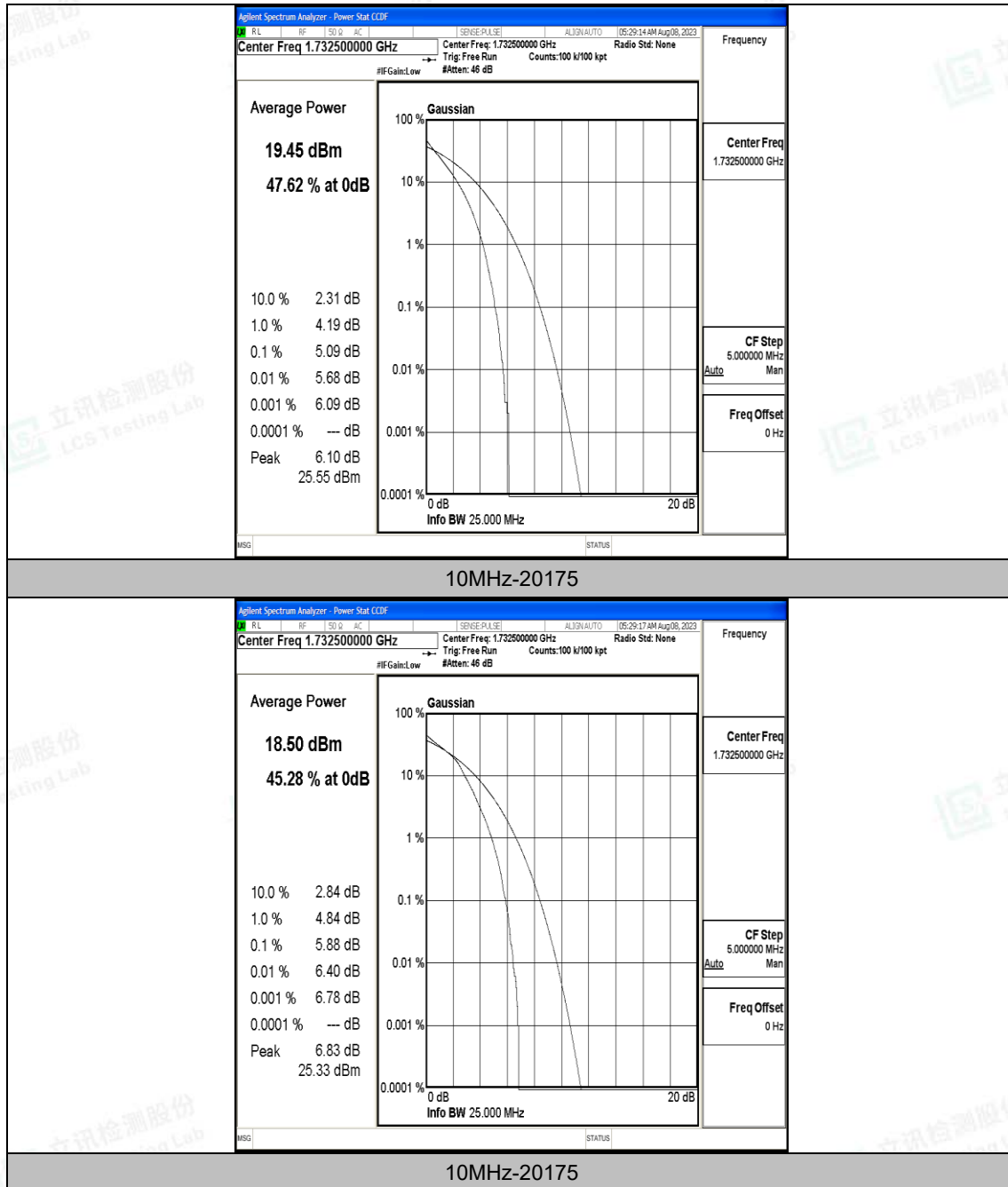
Scan code to check authenticity

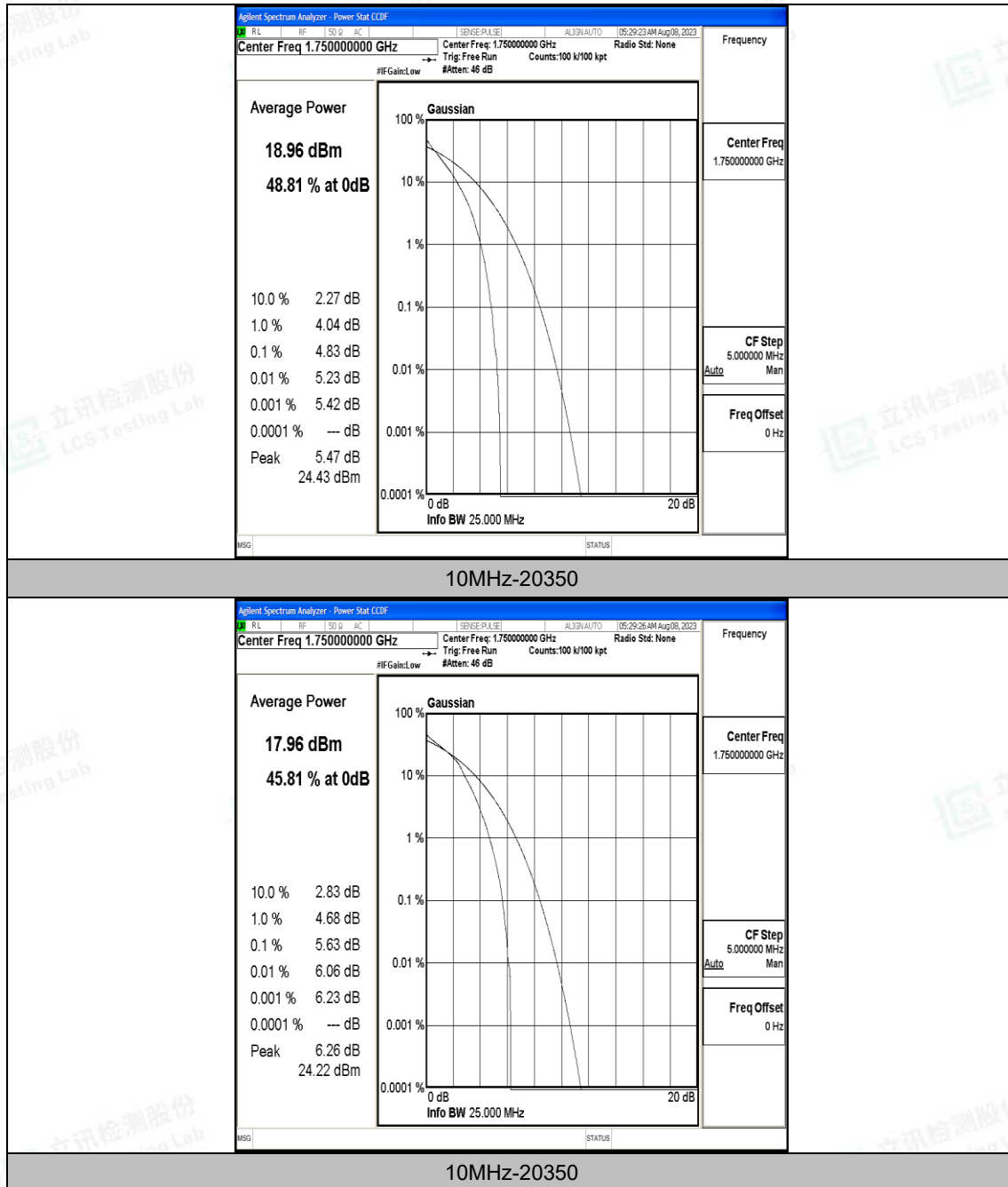


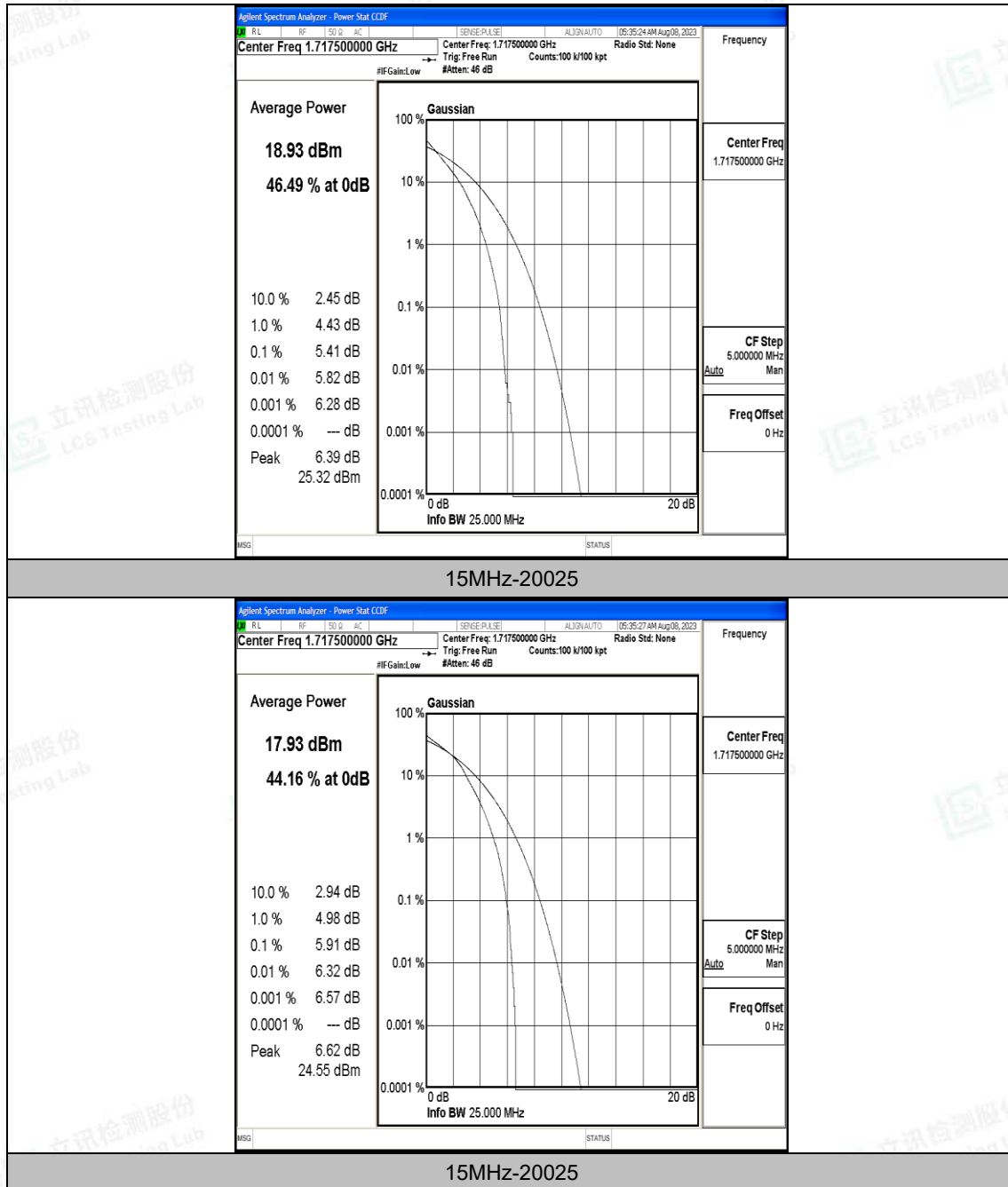


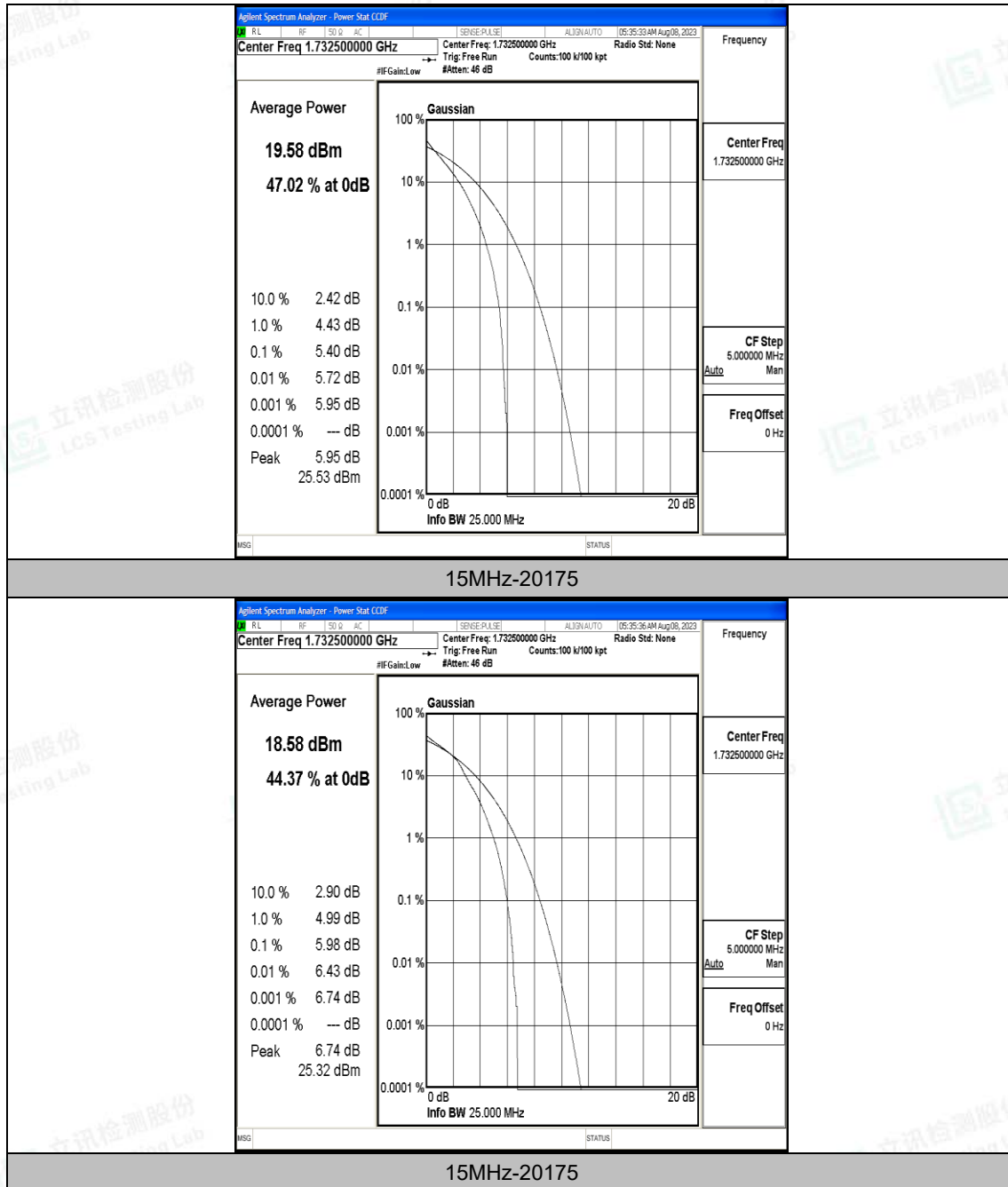


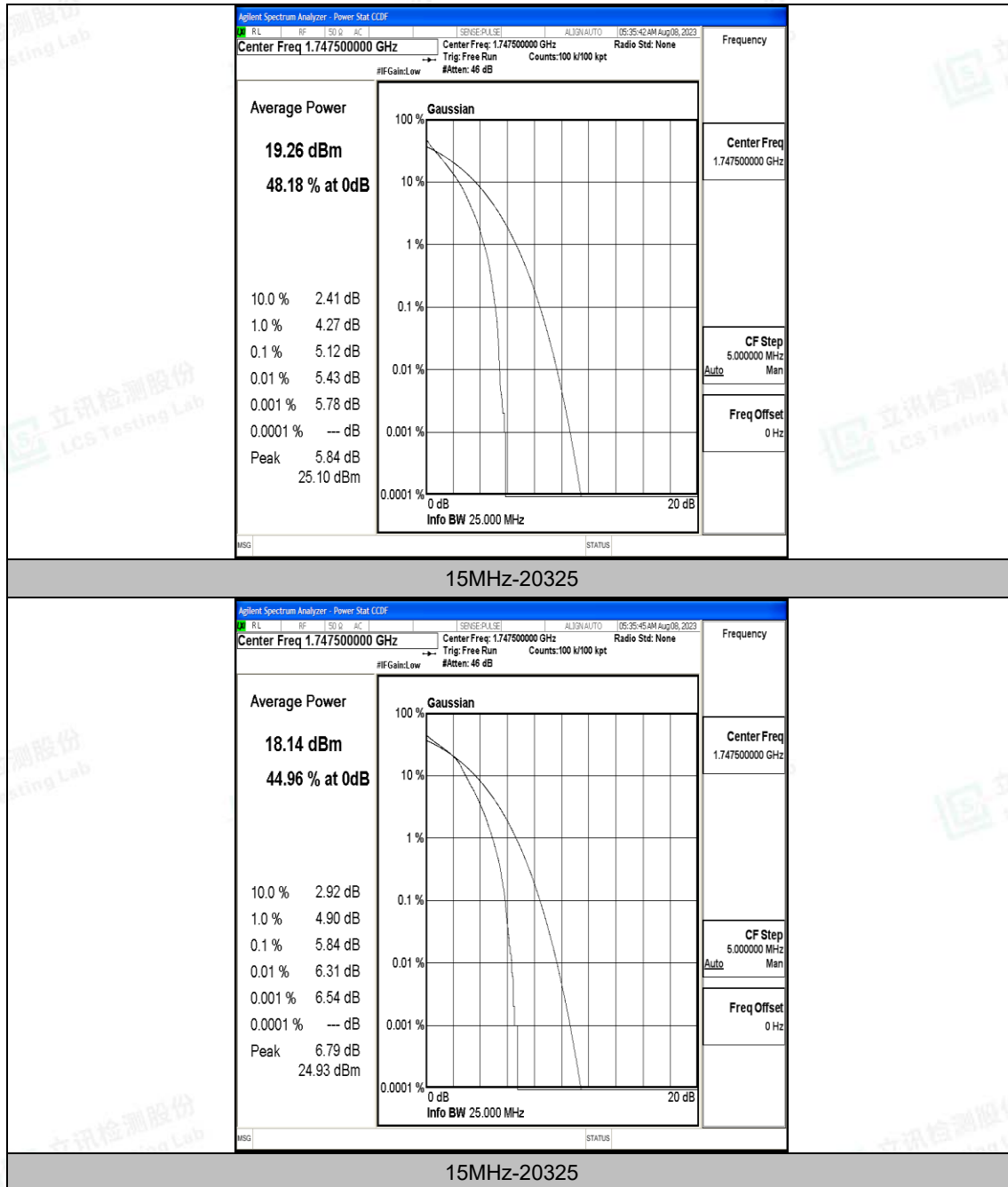


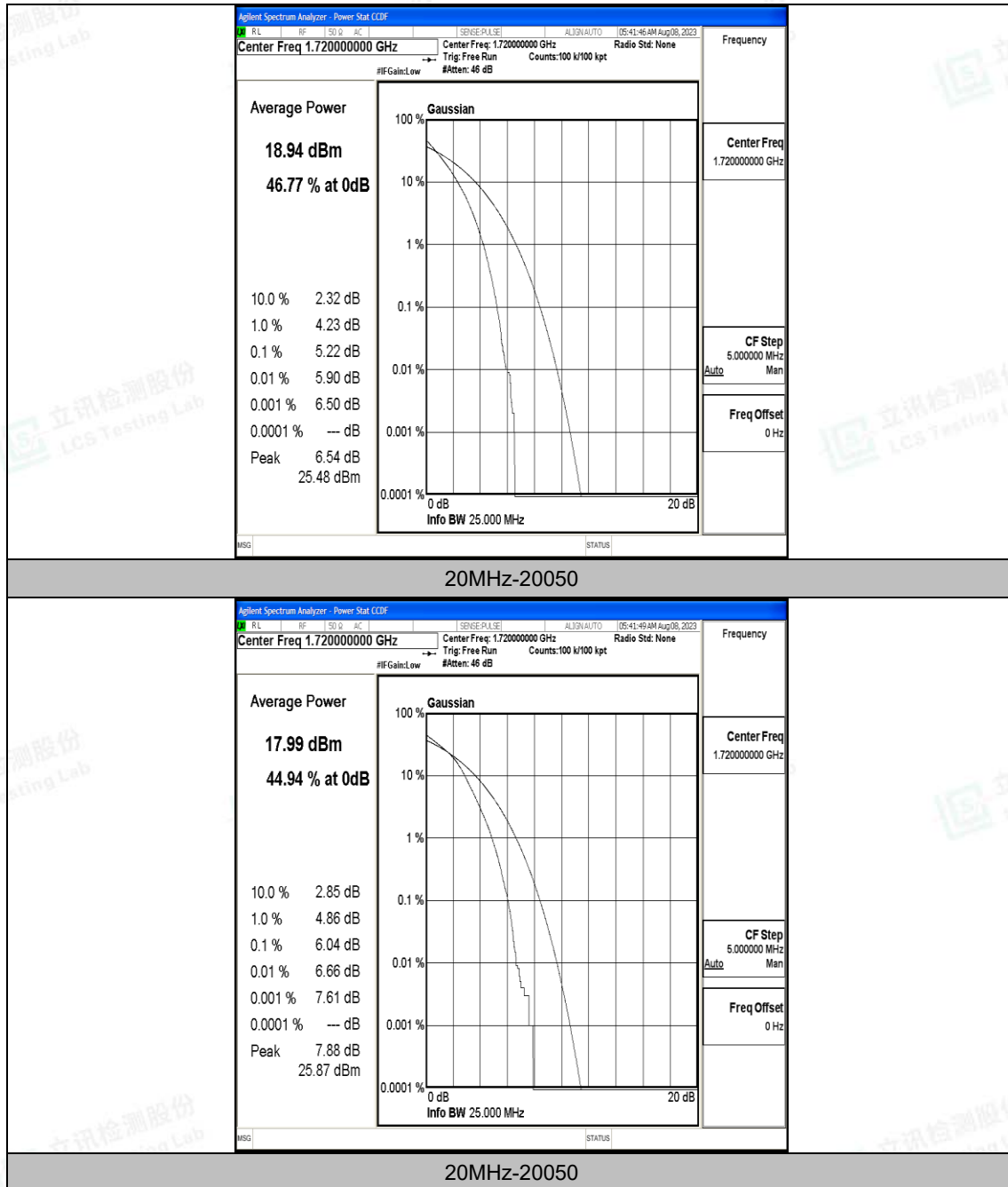


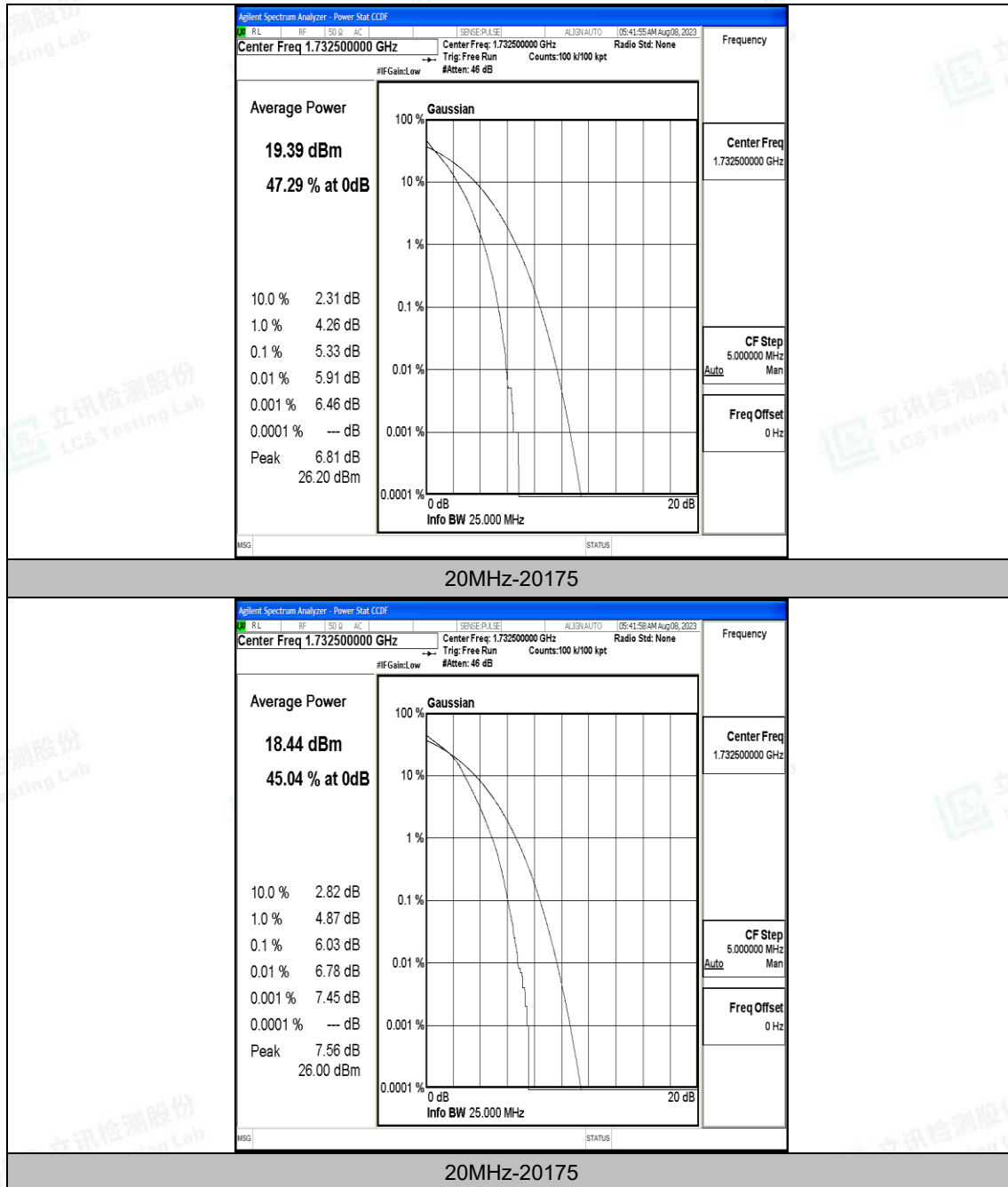


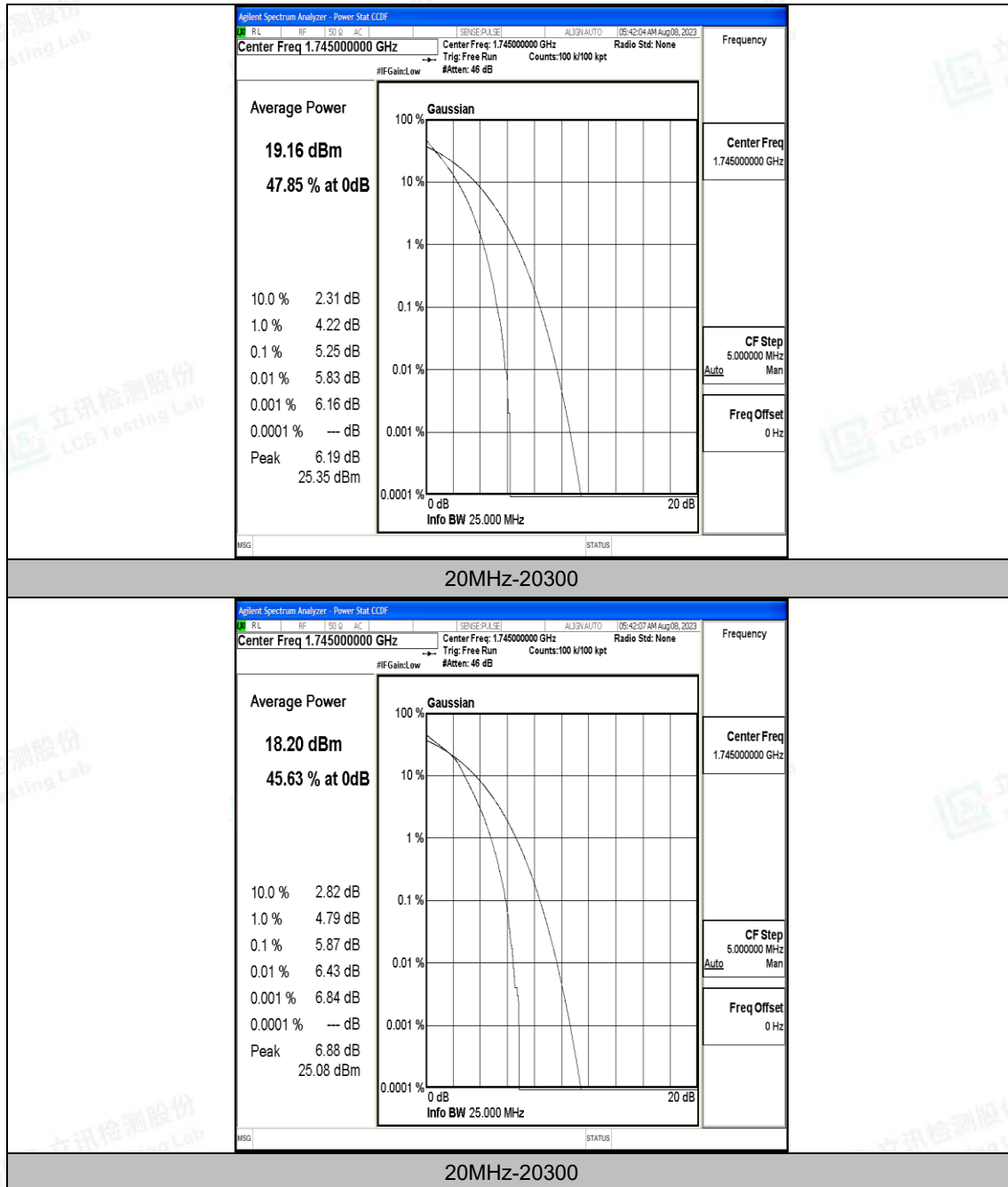












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E.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0875	1.279	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0938	1.313	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0939	1.288	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0989	1.300	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0990	1.292	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0941	1.292	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6848	2.919	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6831	2.888	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6814	2.918	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6817	2.911	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6902	2.896	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6791	2.893	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5325	5.183	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5143	5.144	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5368	5.176	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5245	5.157	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5088	5.207	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5276	5.205	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0140	10.28	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9875	10.28	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0216	10.27	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9945	9.968	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9970	10.07	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0068	10.04	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.480	14.91	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.469	15.04	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.492	15.12	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.503	15.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.469	15.20	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.505	14.95	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.967	19.62	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.004	19.63	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.962	19.58	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.947	19.79	PASS



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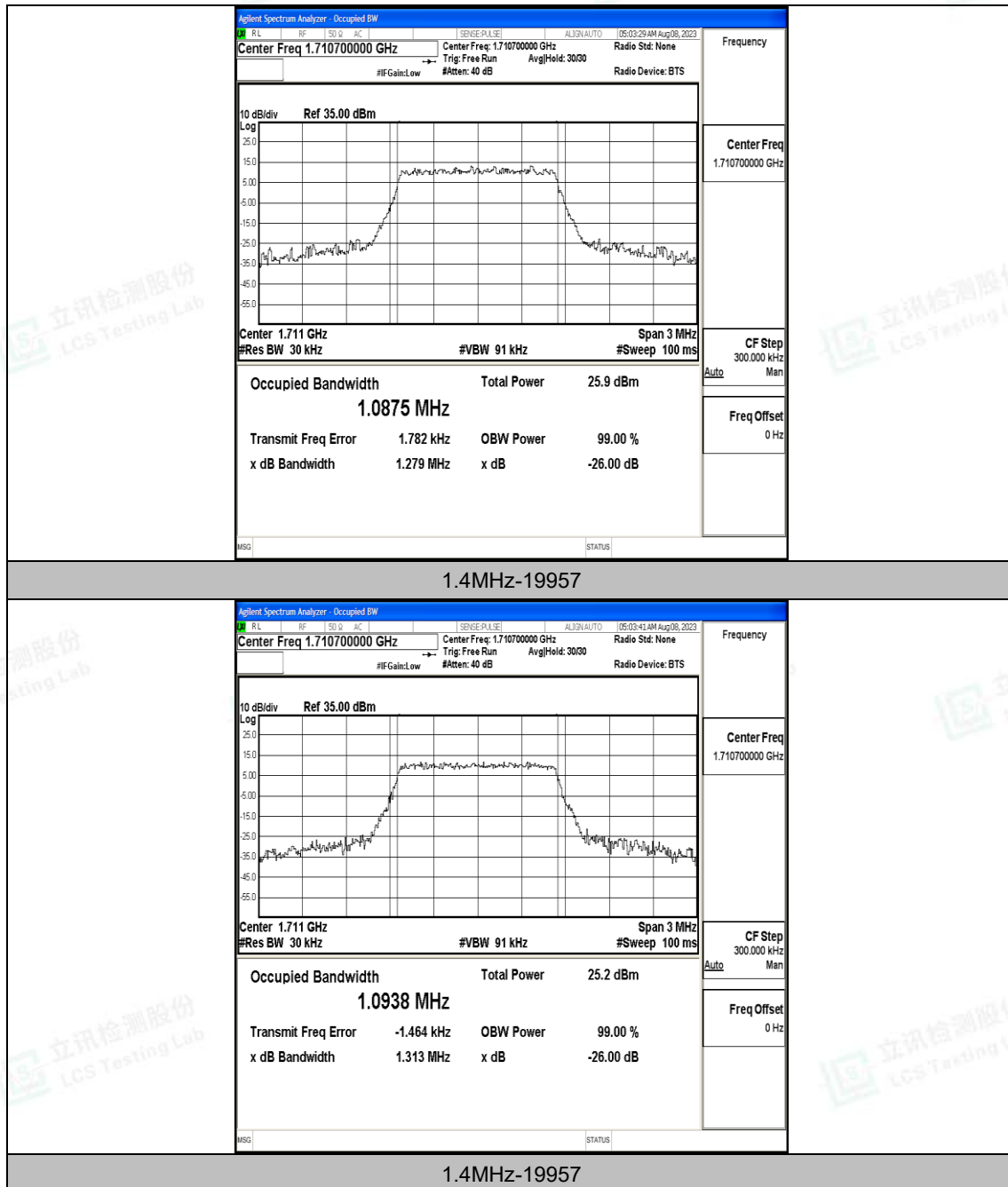
Band4	20MHz	QPSK	20300	100RB#0	18.008	20.09	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.957	19.63	PASS

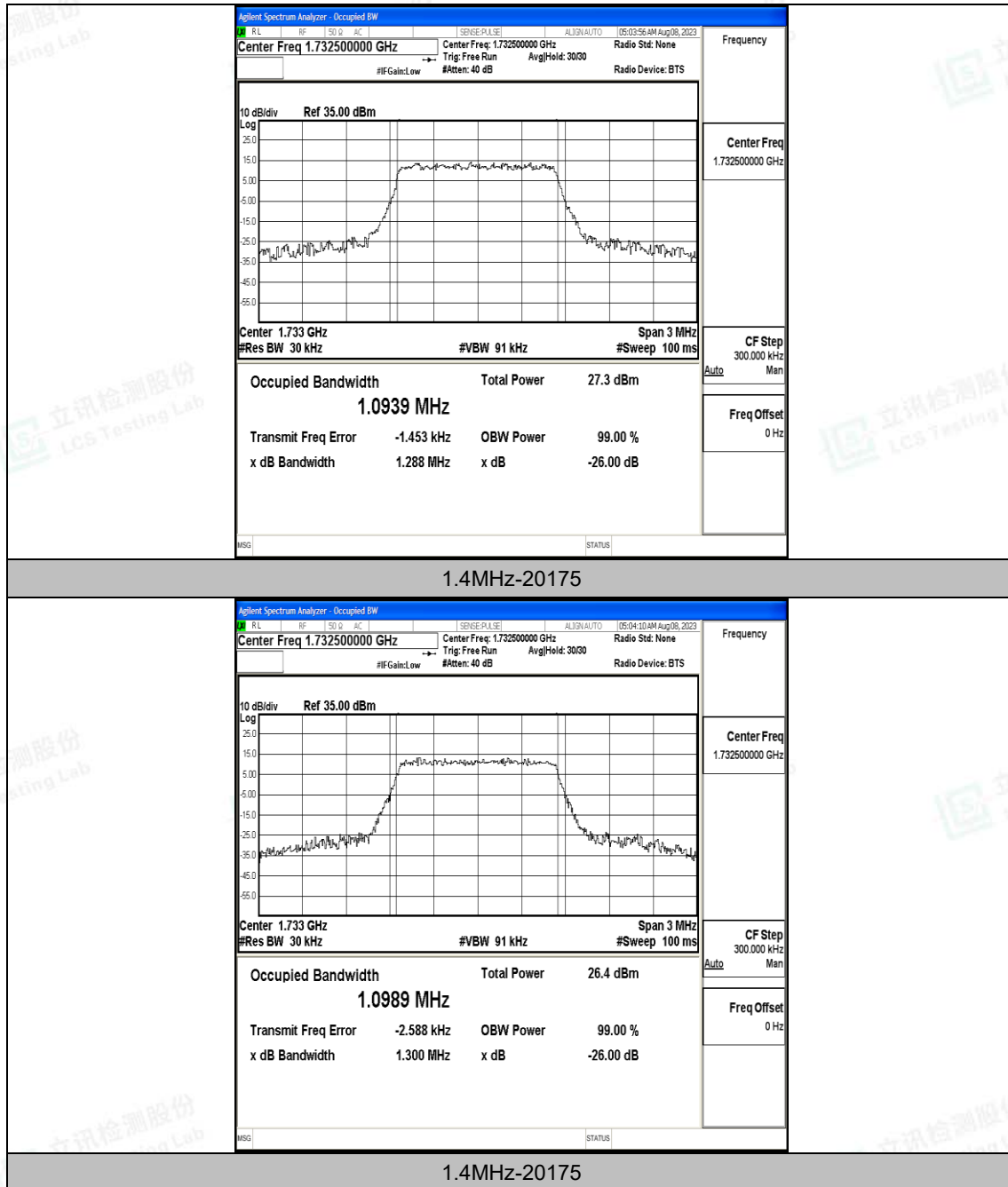


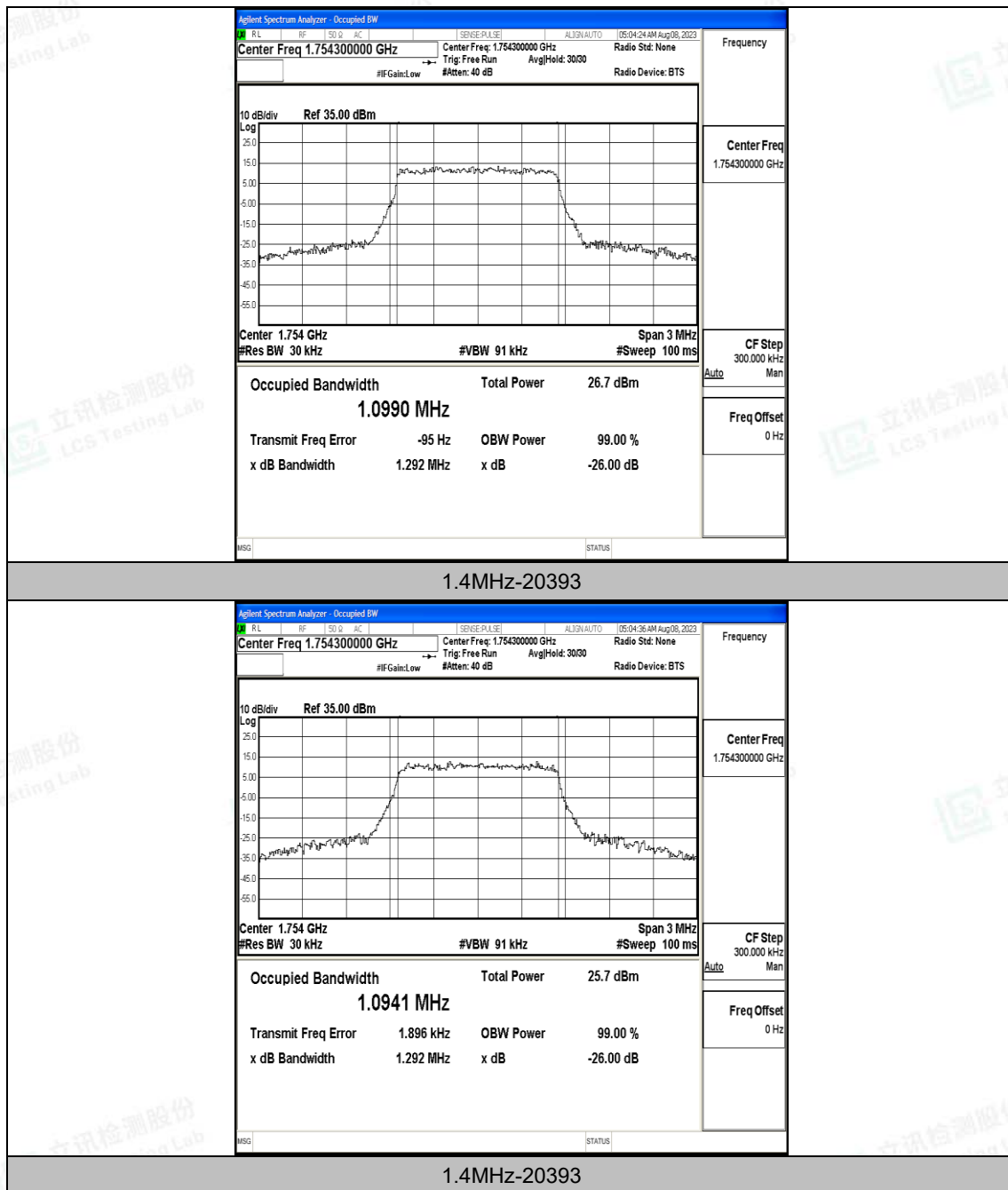
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Test Graphs





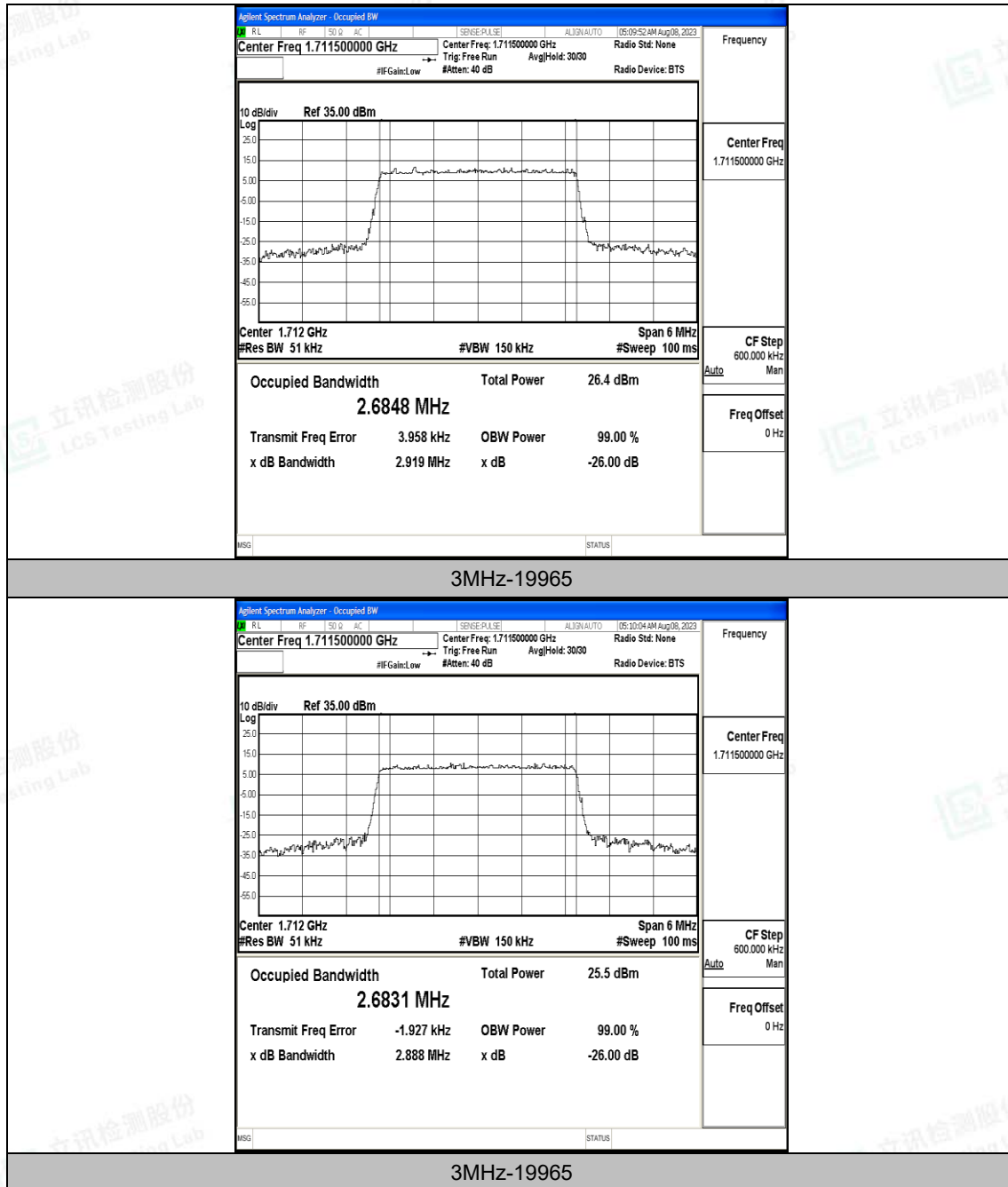


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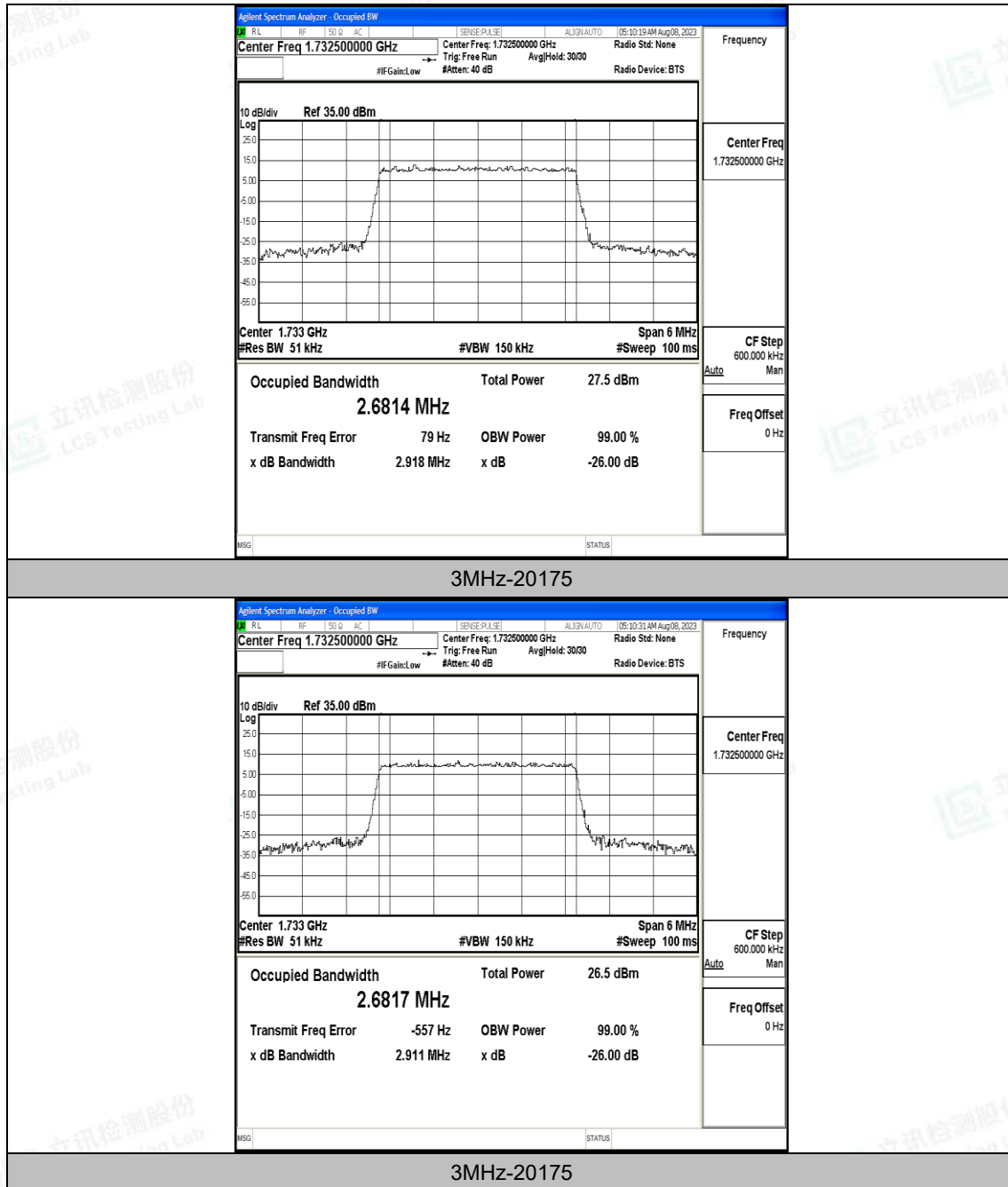


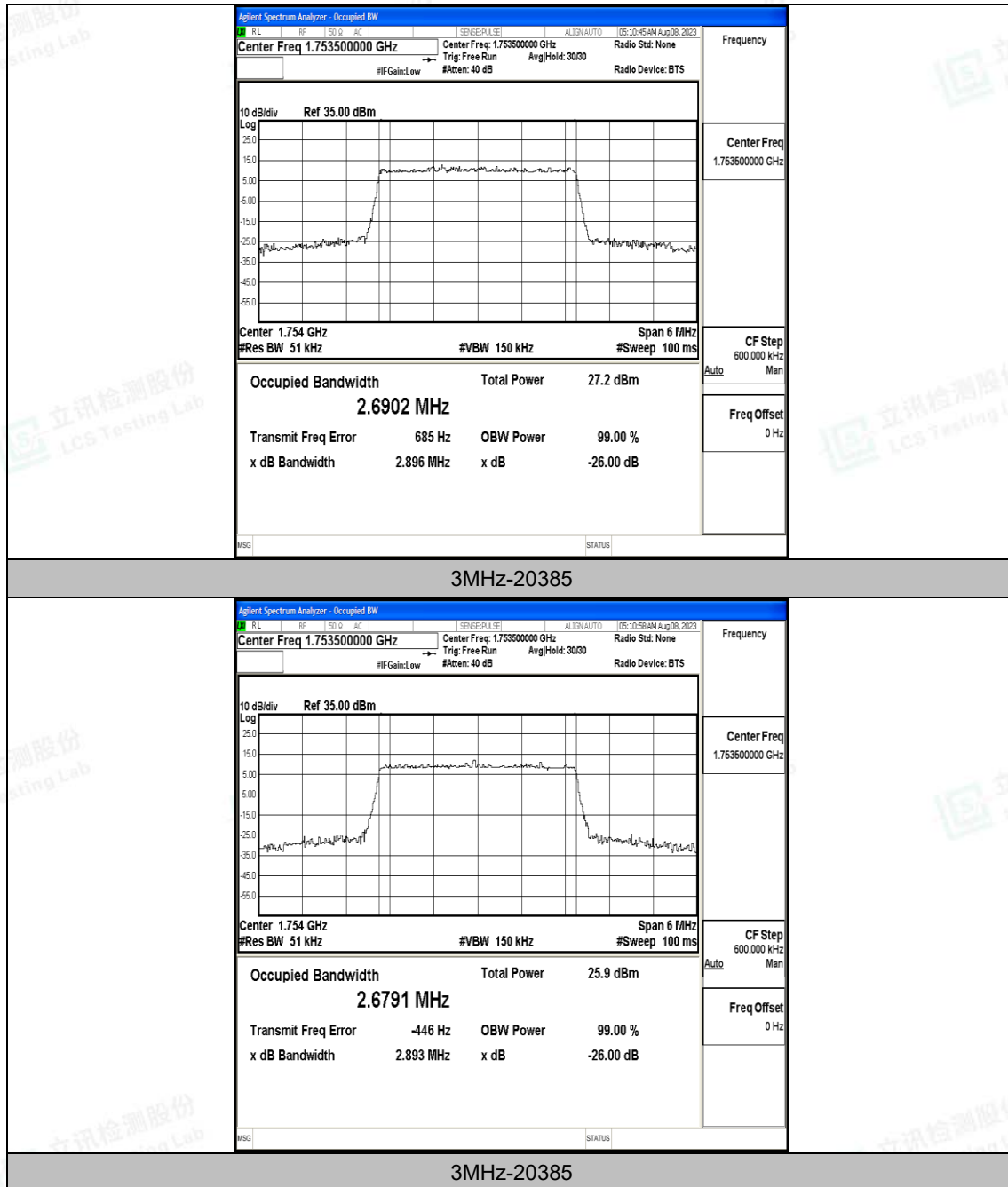
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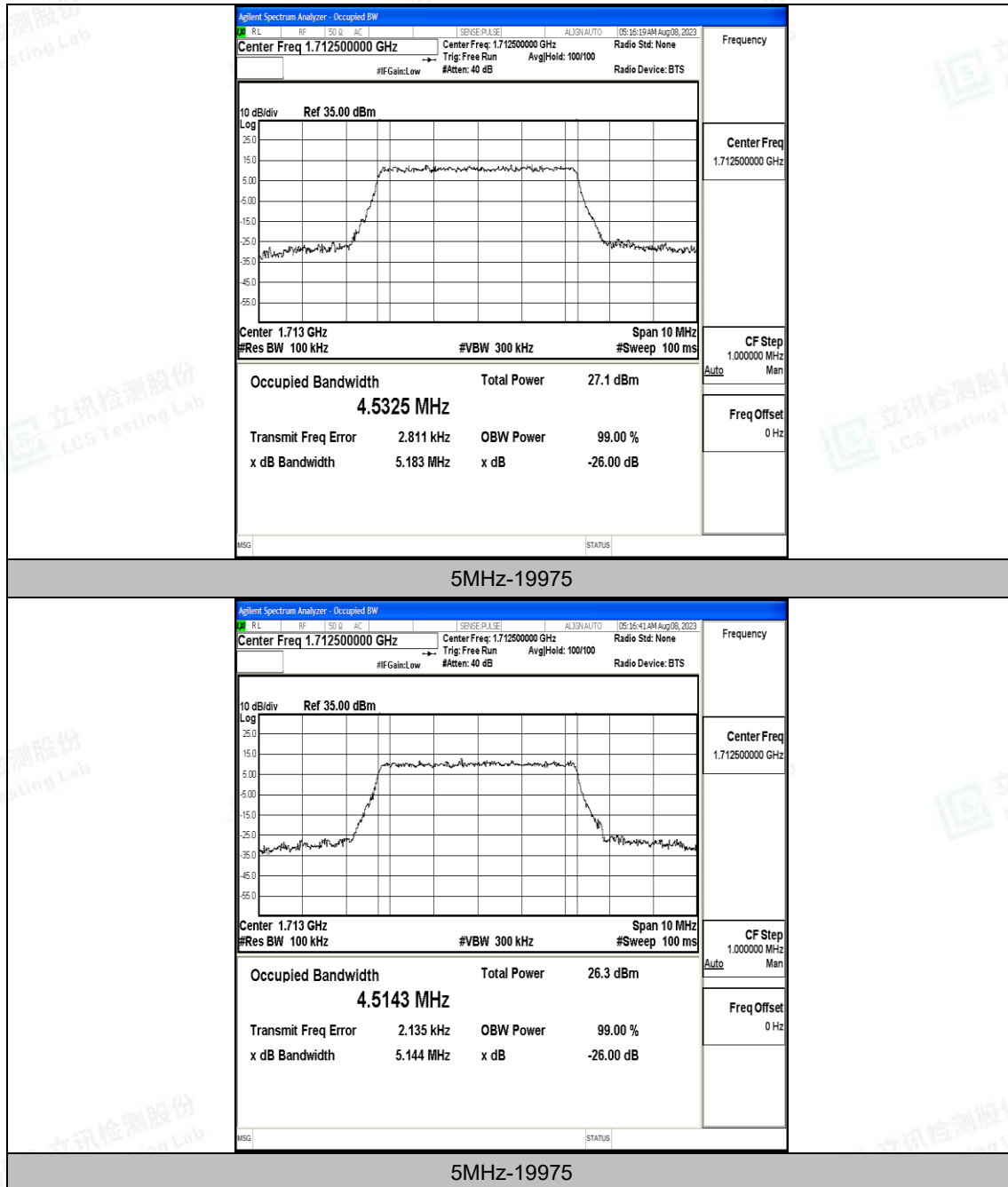


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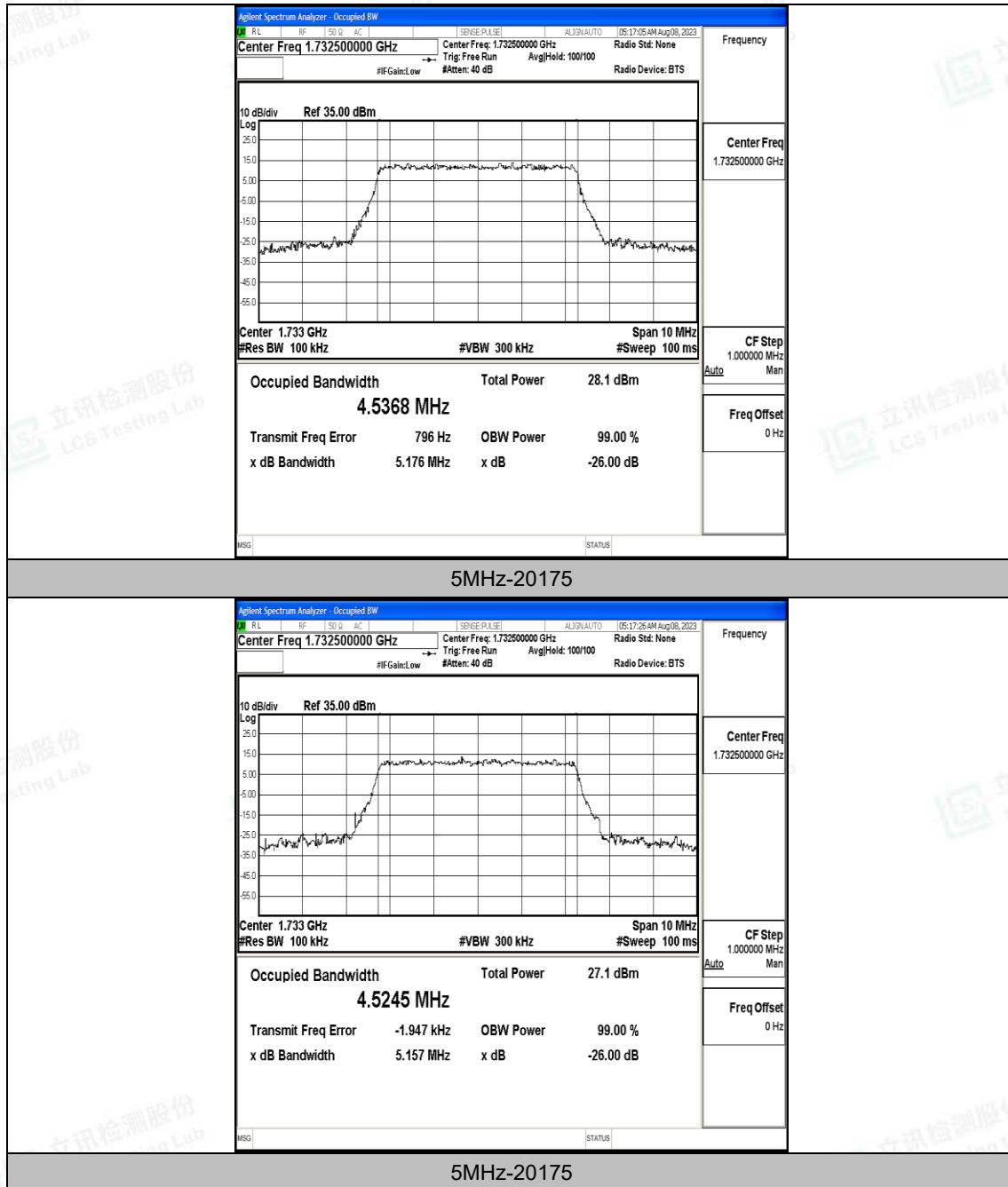


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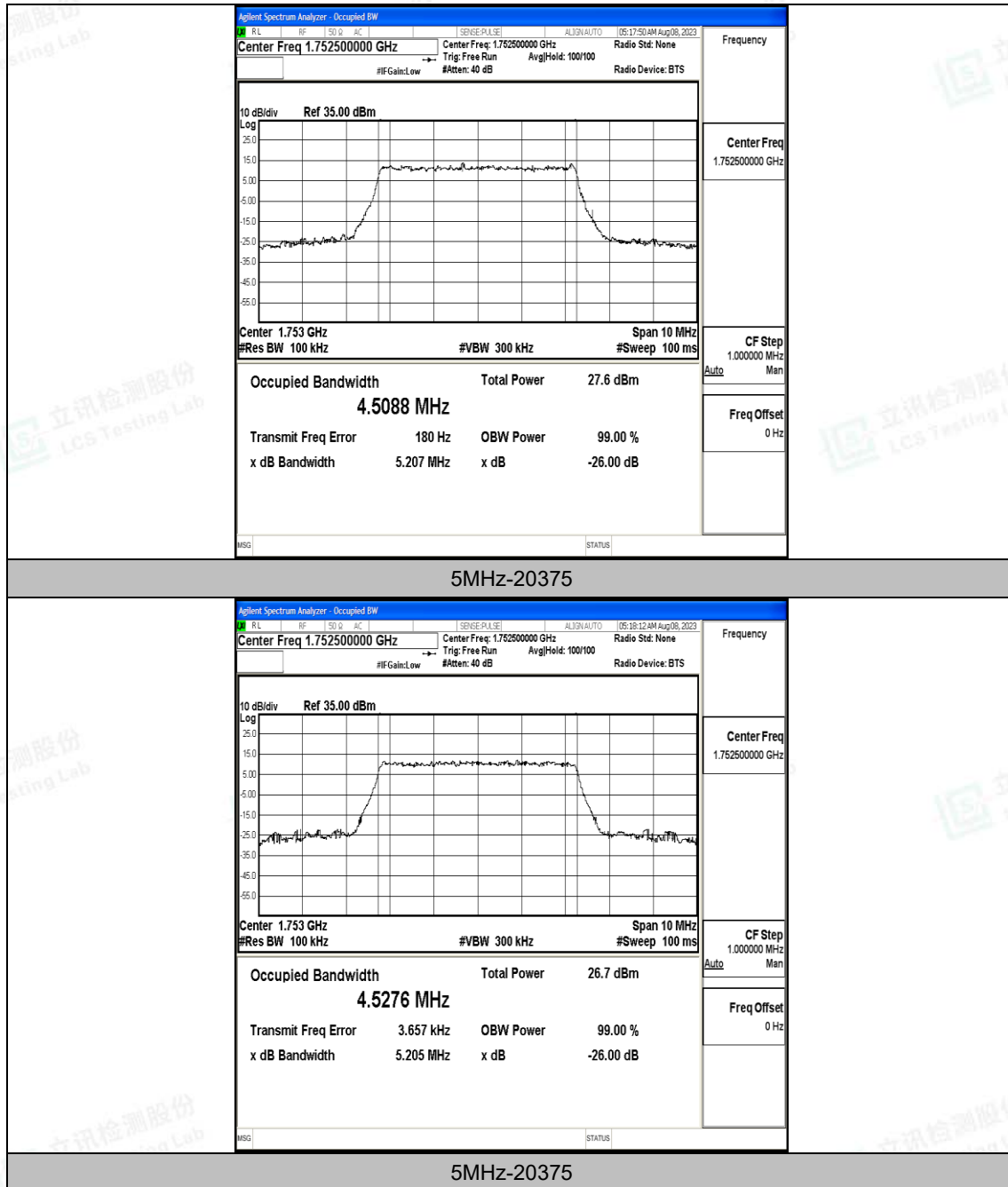


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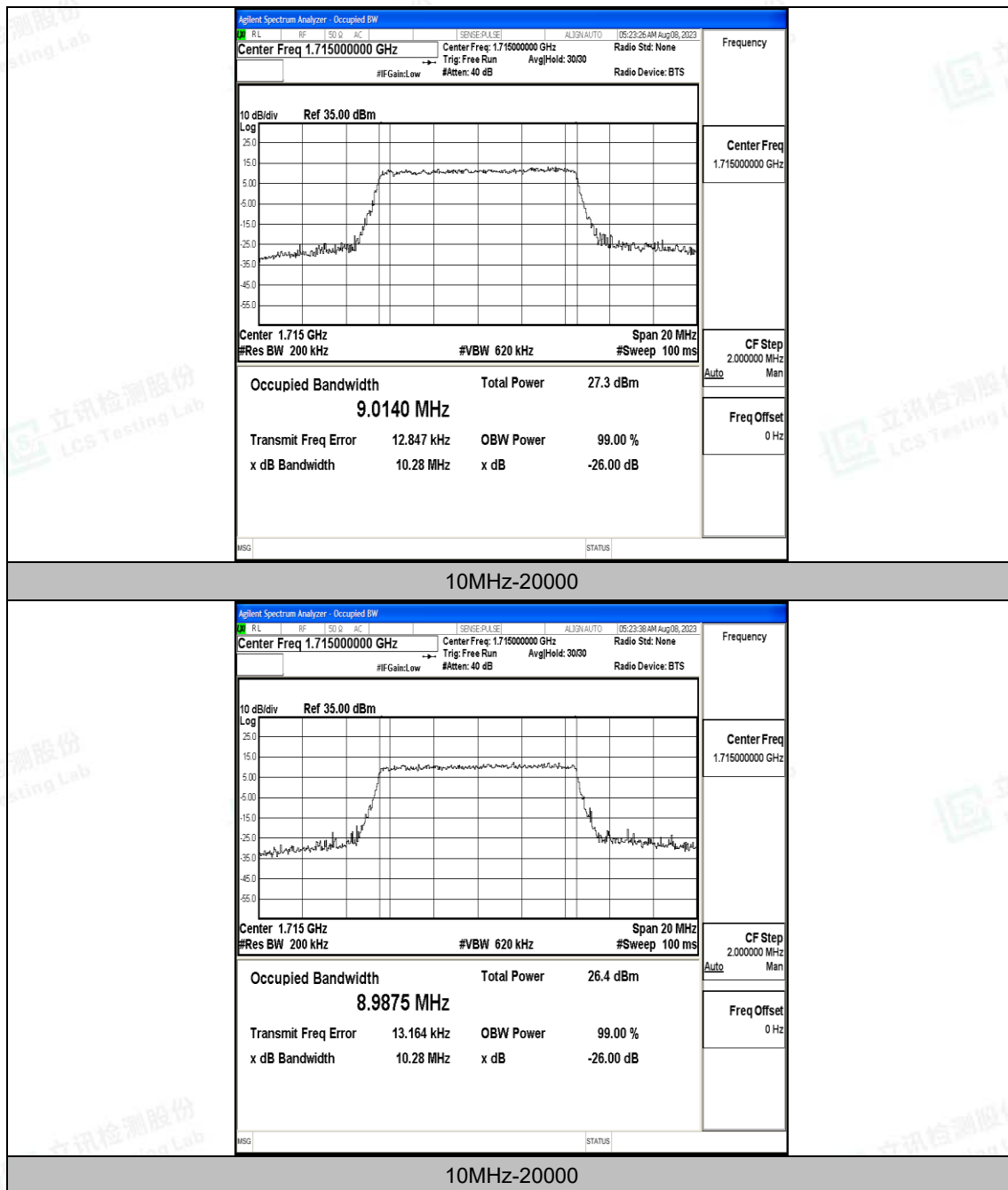


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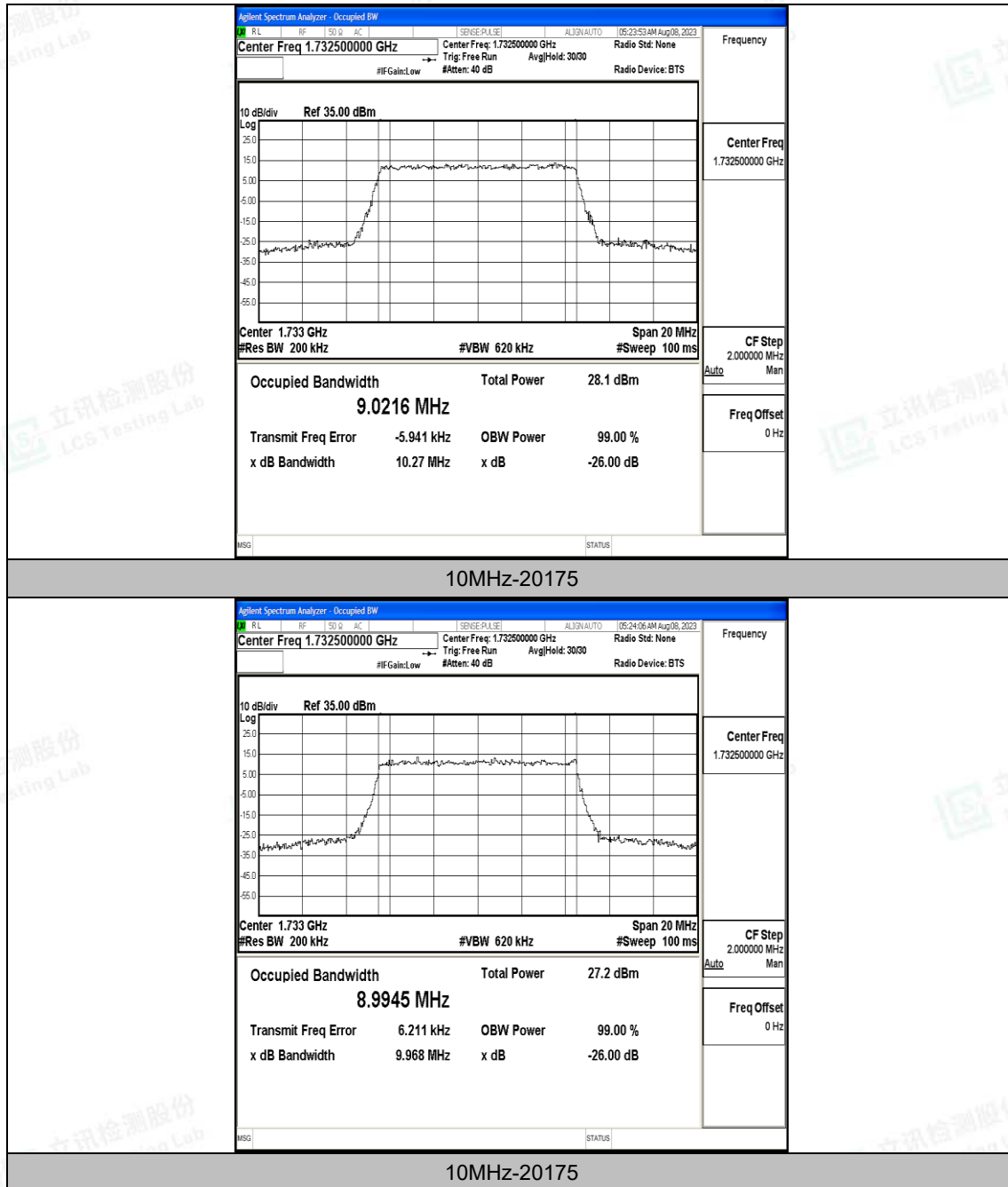


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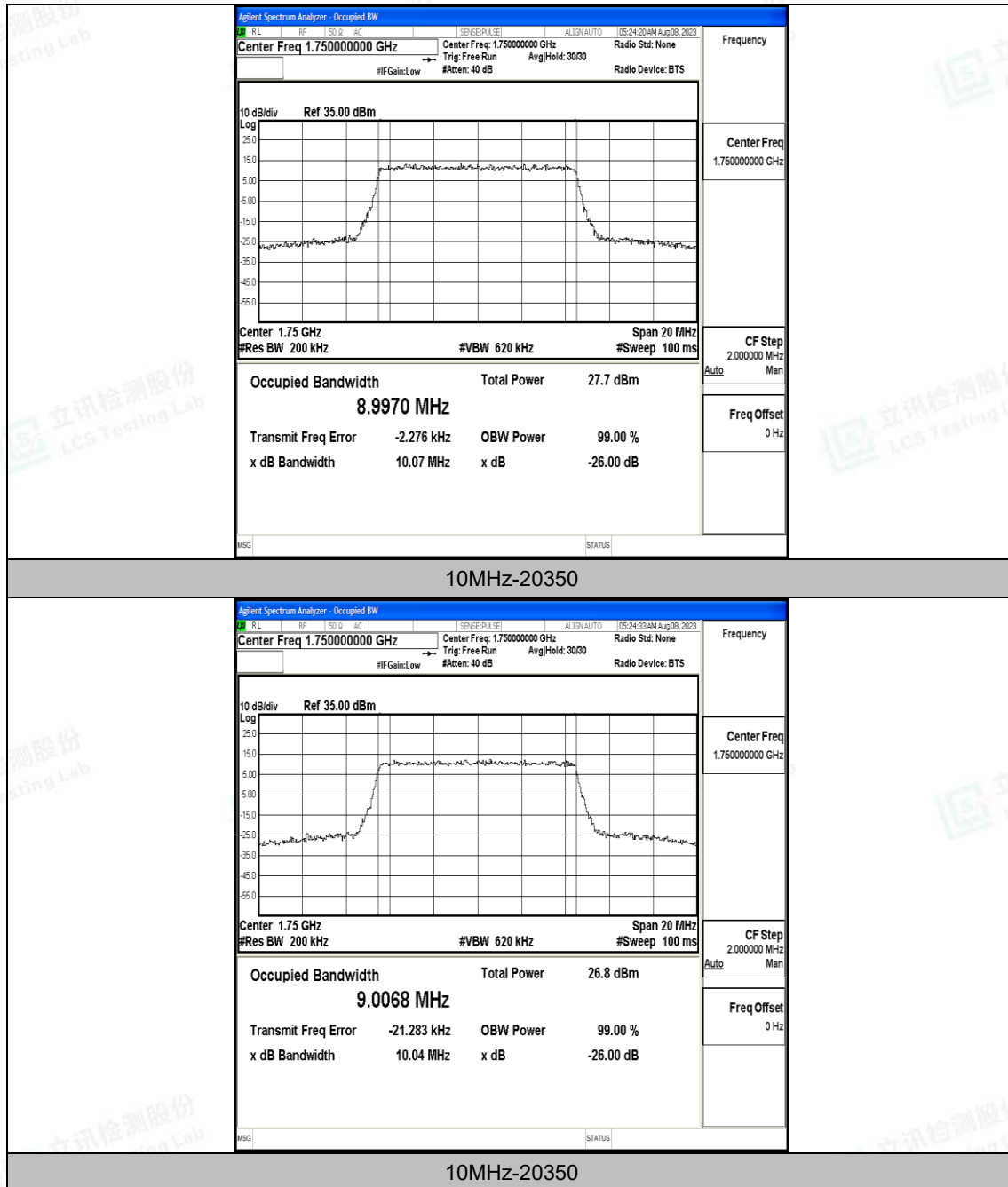


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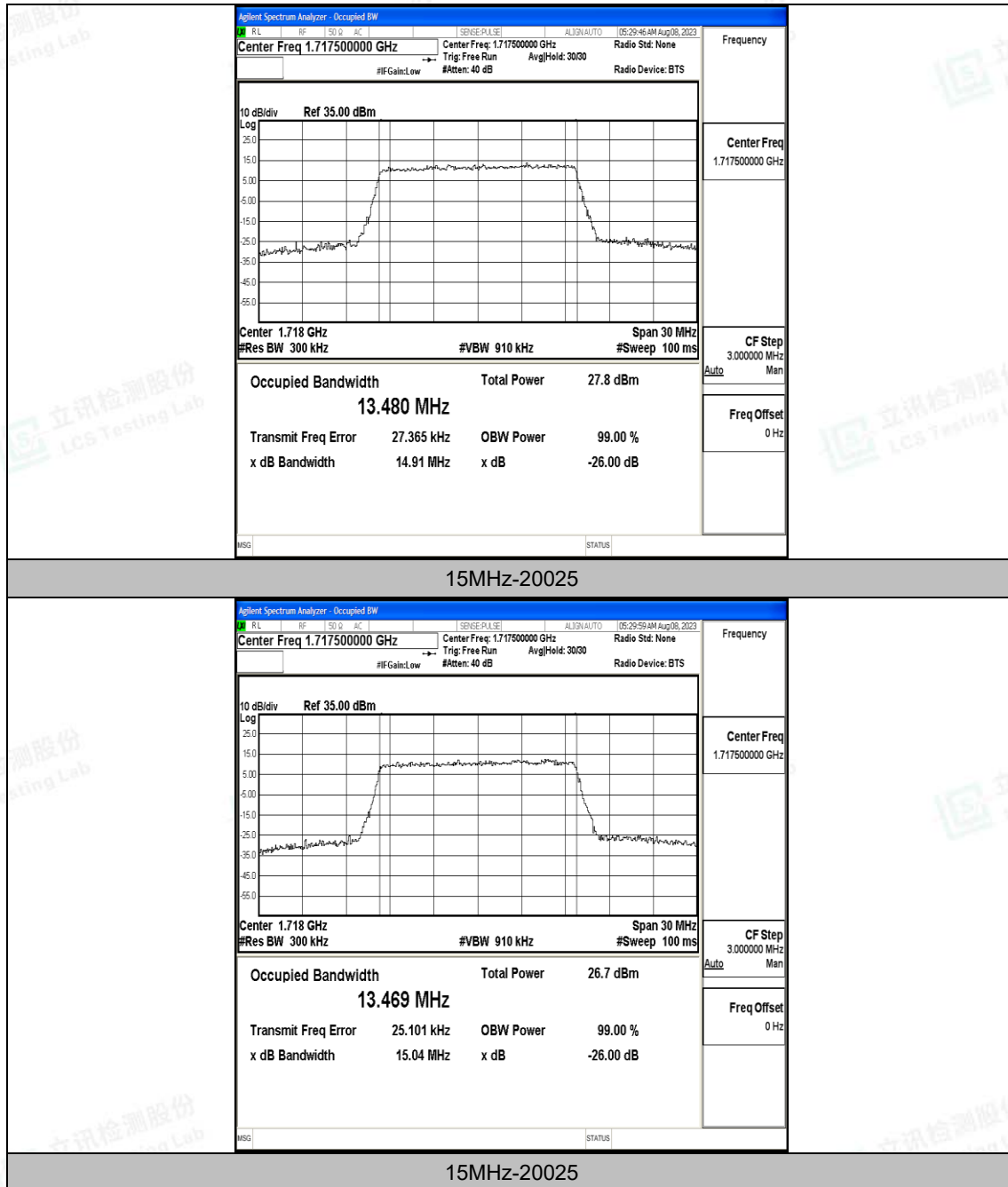


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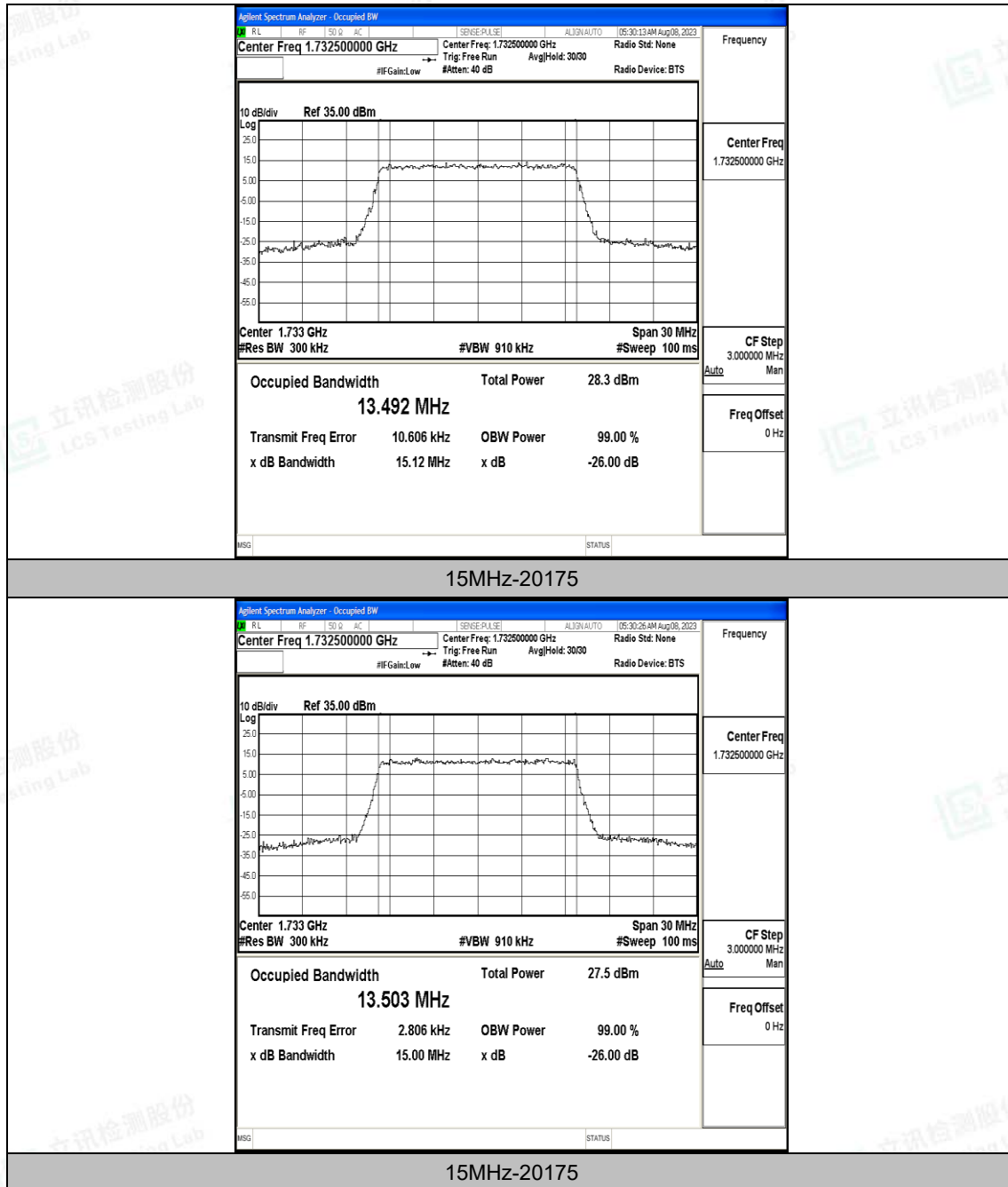


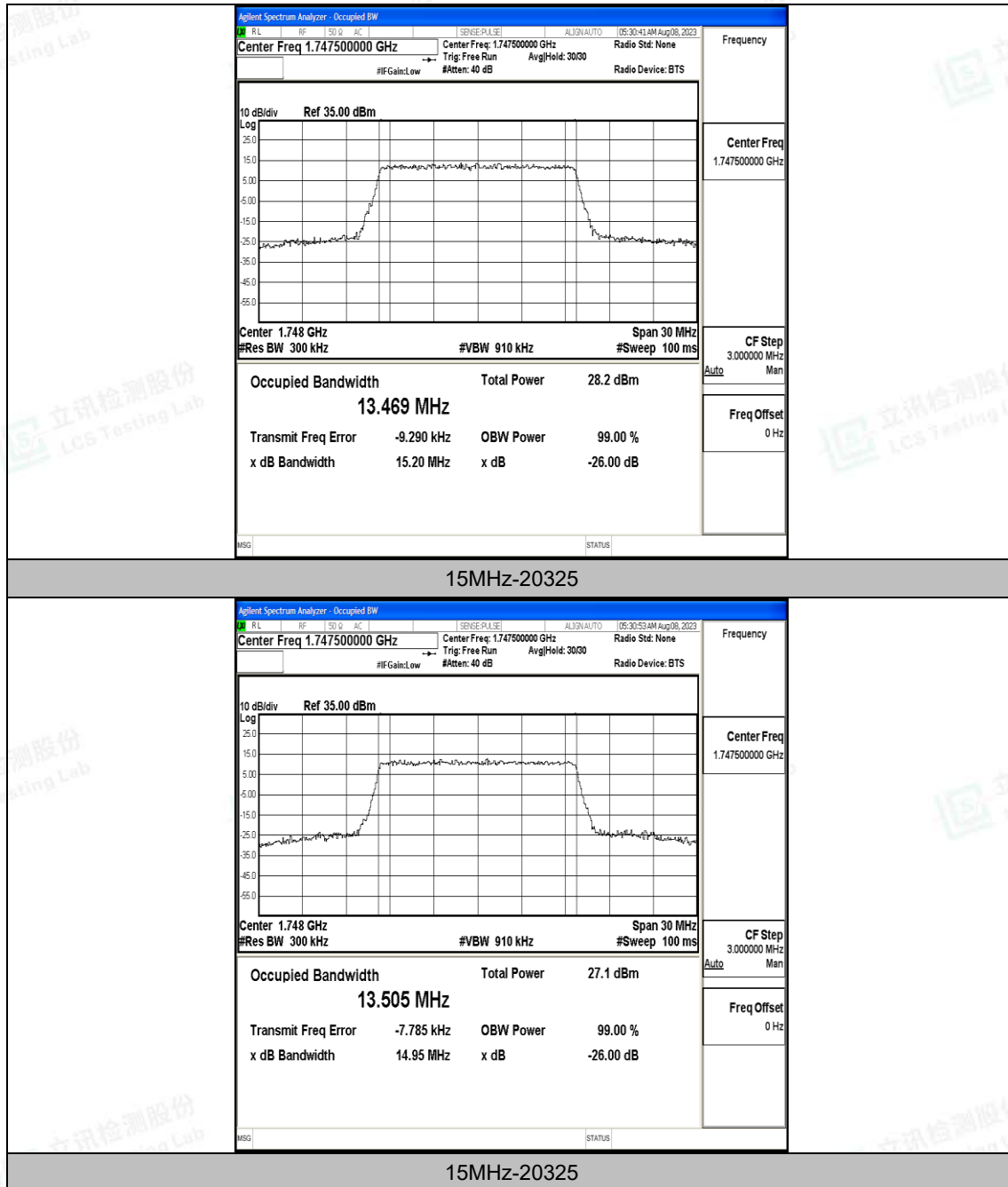
Shenzhen LCS Compliance Testing Laboratory Ltd.

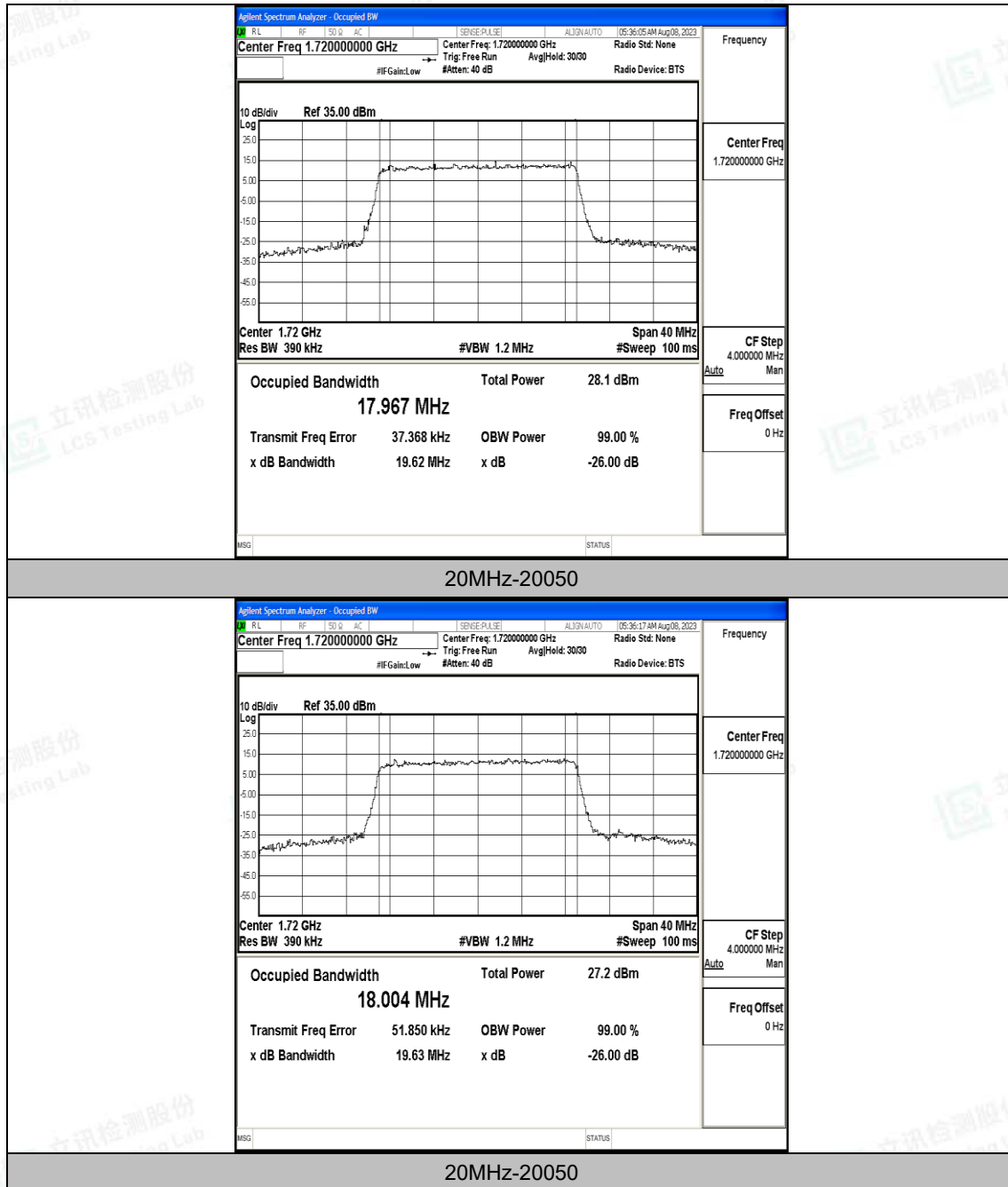
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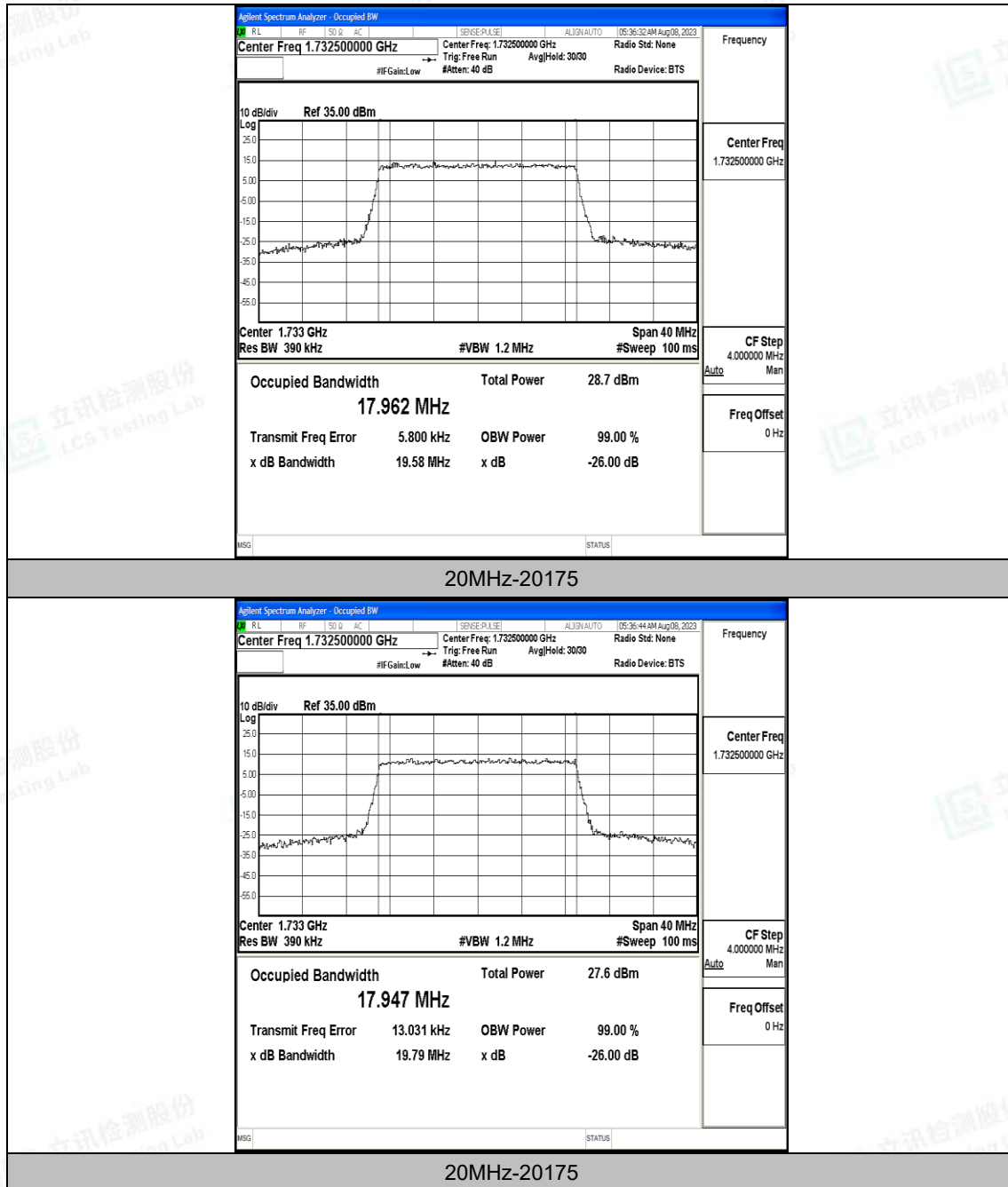


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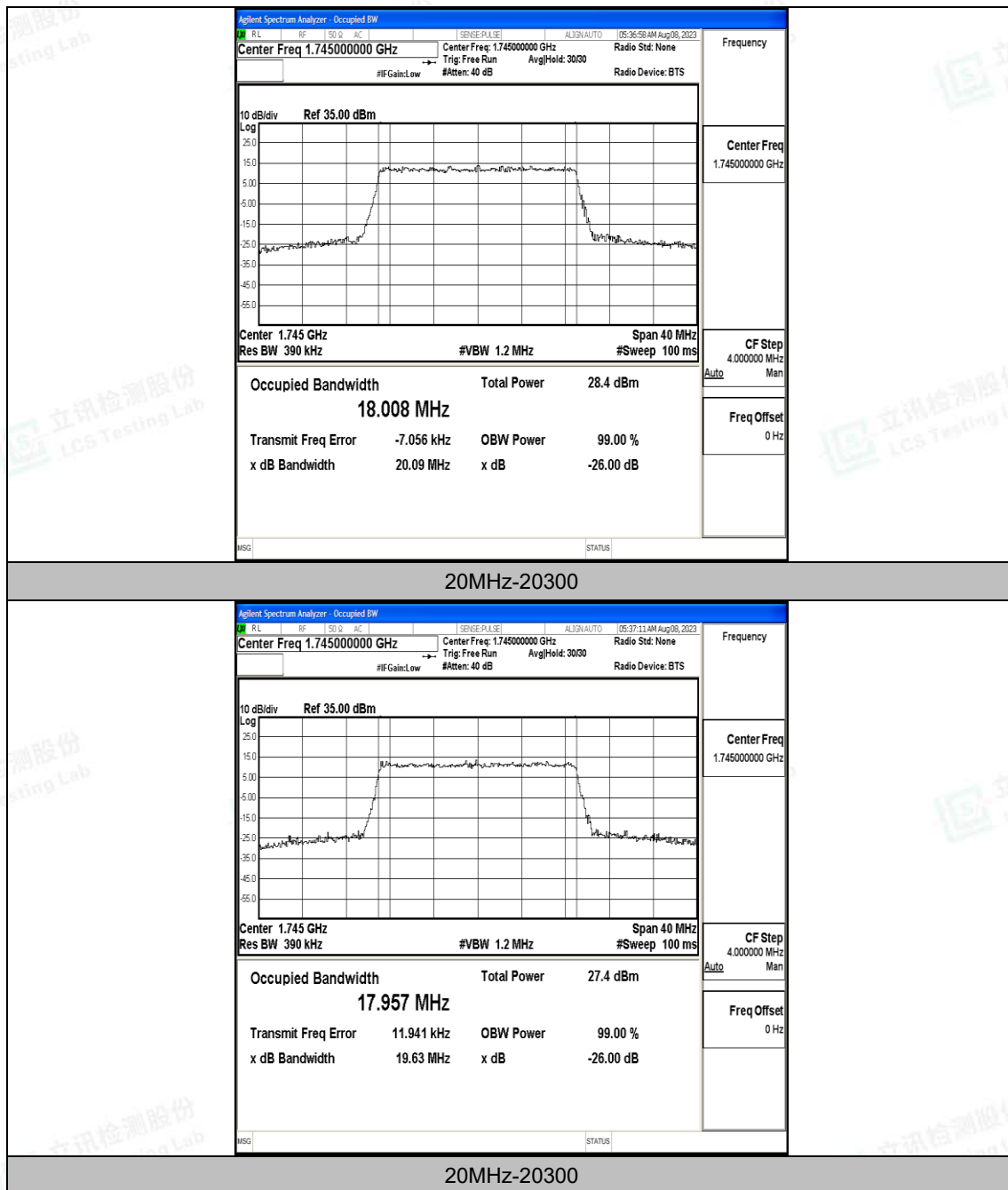


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E.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1709.00	-49.33	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1708.92	-50.09	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1756.02	-46.62	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1756.01	-48.99	PASS
Band4	3MHz	QPSK	19965	15RB#0	1708.94	-41.11	PASS
Band4	3MHz	16QAM	19965	15RB#0	1708.98	-43.98	PASS
Band4	3MHz	QPSK	20385	15RB#0	1756.06	-38.94	PASS
Band4	3MHz	16QAM	20385	15RB#0	1756.08	-40.55	PASS
Band4	5MHz	QPSK	19975	25RB#0	1708.93	-42.06	PASS
Band4	5MHz	16QAM	19975	25RB#0	1708.81	-43.31	PASS
Band4	5MHz	QPSK	20375	25RB#0	1756.15	-37.46	PASS
Band4	5MHz	16QAM	20375	25RB#0	1756.17	-39.61	PASS
Band4	10MHz	QPSK	20000	50RB#0	1708.90	-41.92	PASS
Band4	10MHz	16QAM	20000	50RB#0	1709.00	-42.99	PASS
Band4	10MHz	QPSK	20350	50RB#0	1756.24	-37.50	PASS
Band4	10MHz	16QAM	20350	50RB#0	1756.34	-39.41	PASS
Band4	15MHz	QPSK	20025	75RB#0	1708.15	-39.67	PASS
Band4	15MHz	16QAM	20025	75RB#0	1708.95	-42.40	PASS
Band4	15MHz	QPSK	20325	75RB#0	1756.86	-35.04	PASS
Band4	15MHz	16QAM	20325	75RB#0	1756.86	-38.21	PASS
Band4	20MHz	QPSK	20050	100RB#0	1708.11	-41.63	PASS
Band4	20MHz	16QAM	20050	100RB#0	1708.79	-42.87	PASS
Band4	20MHz	QPSK	20300	100RB#0	1756.80	-36.96	PASS
Band4	20MHz	16QAM	20300	100RB#0	1756.10	-38.88	PASS



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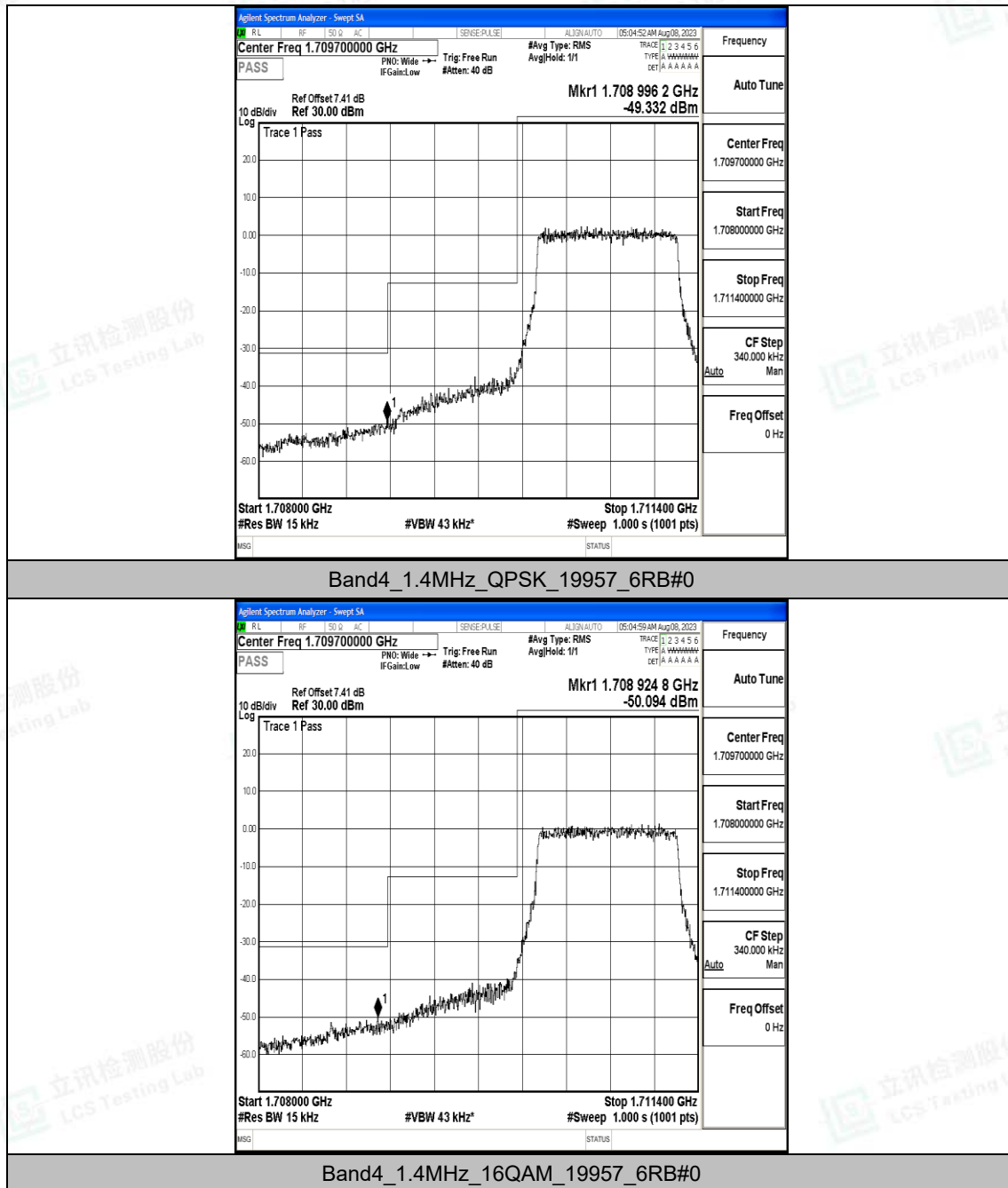
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

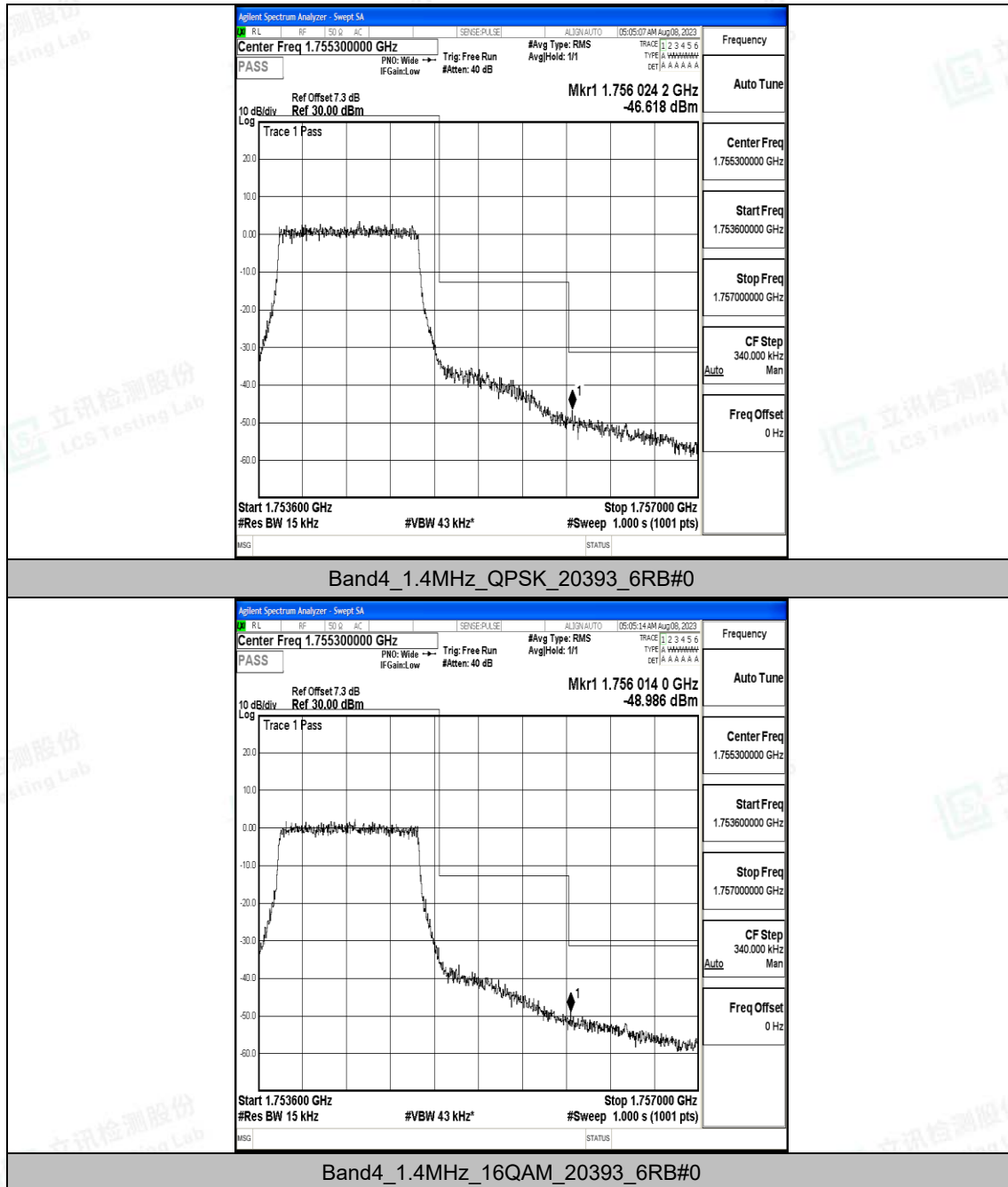
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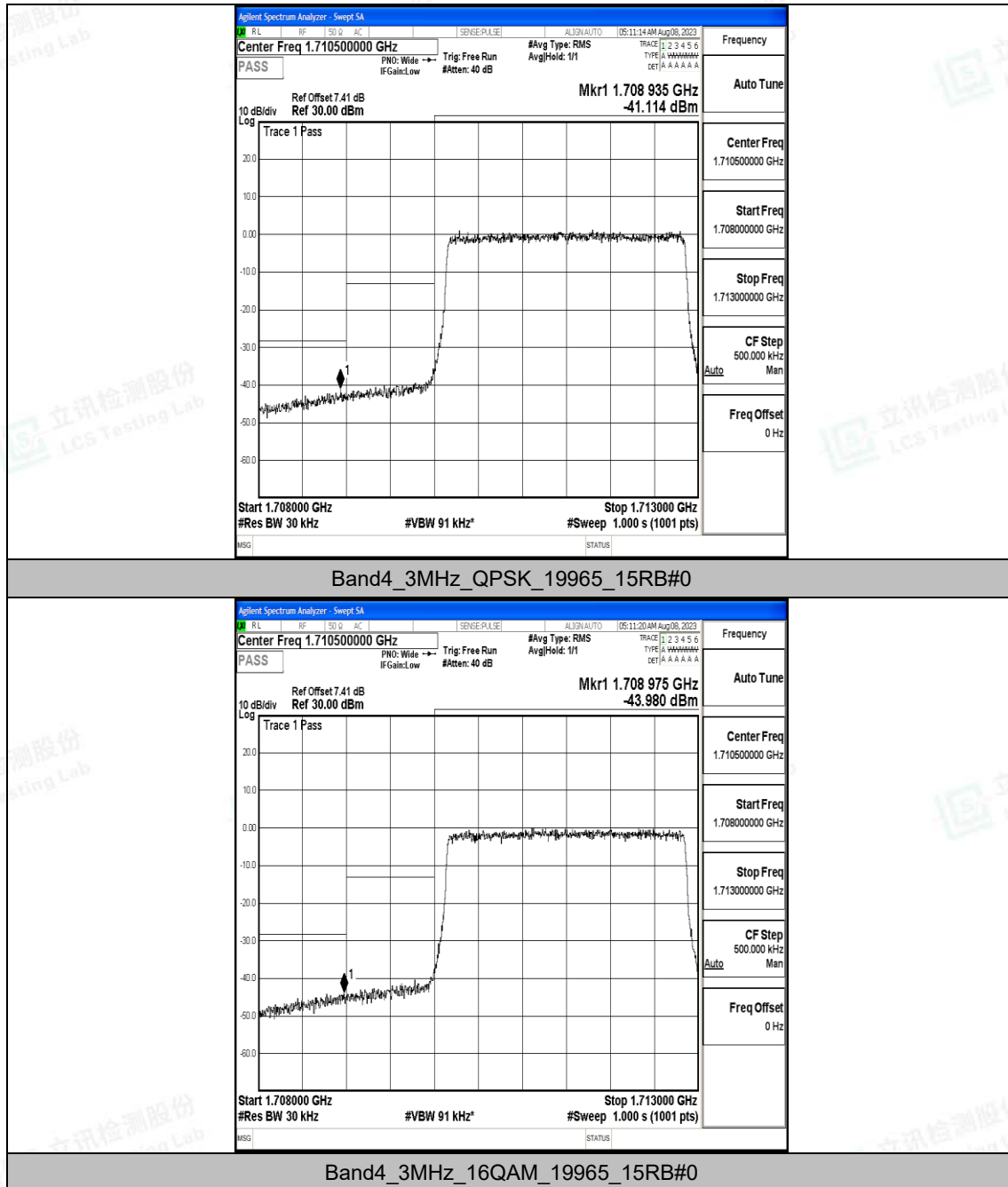
Scan code to check authenticity

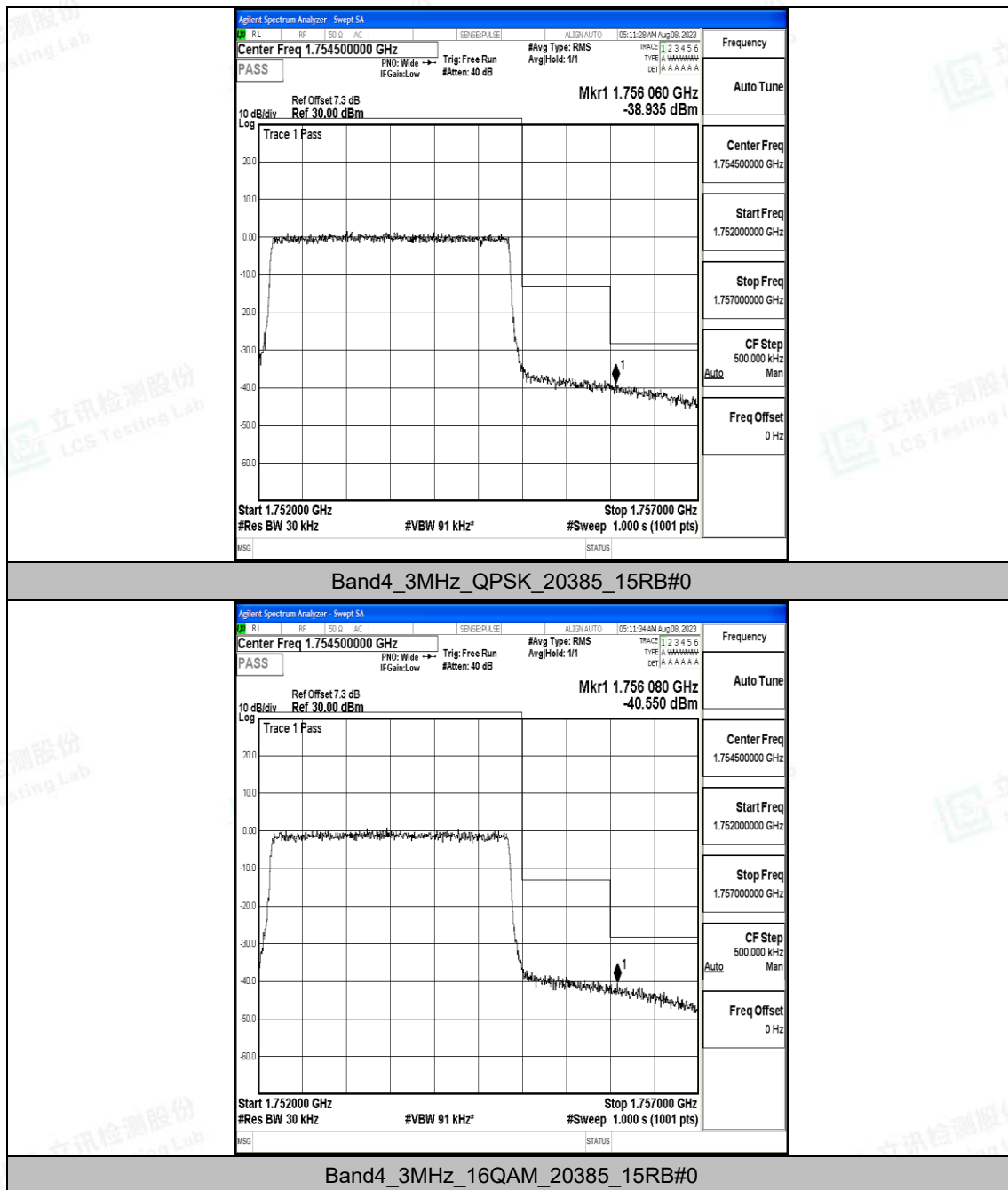


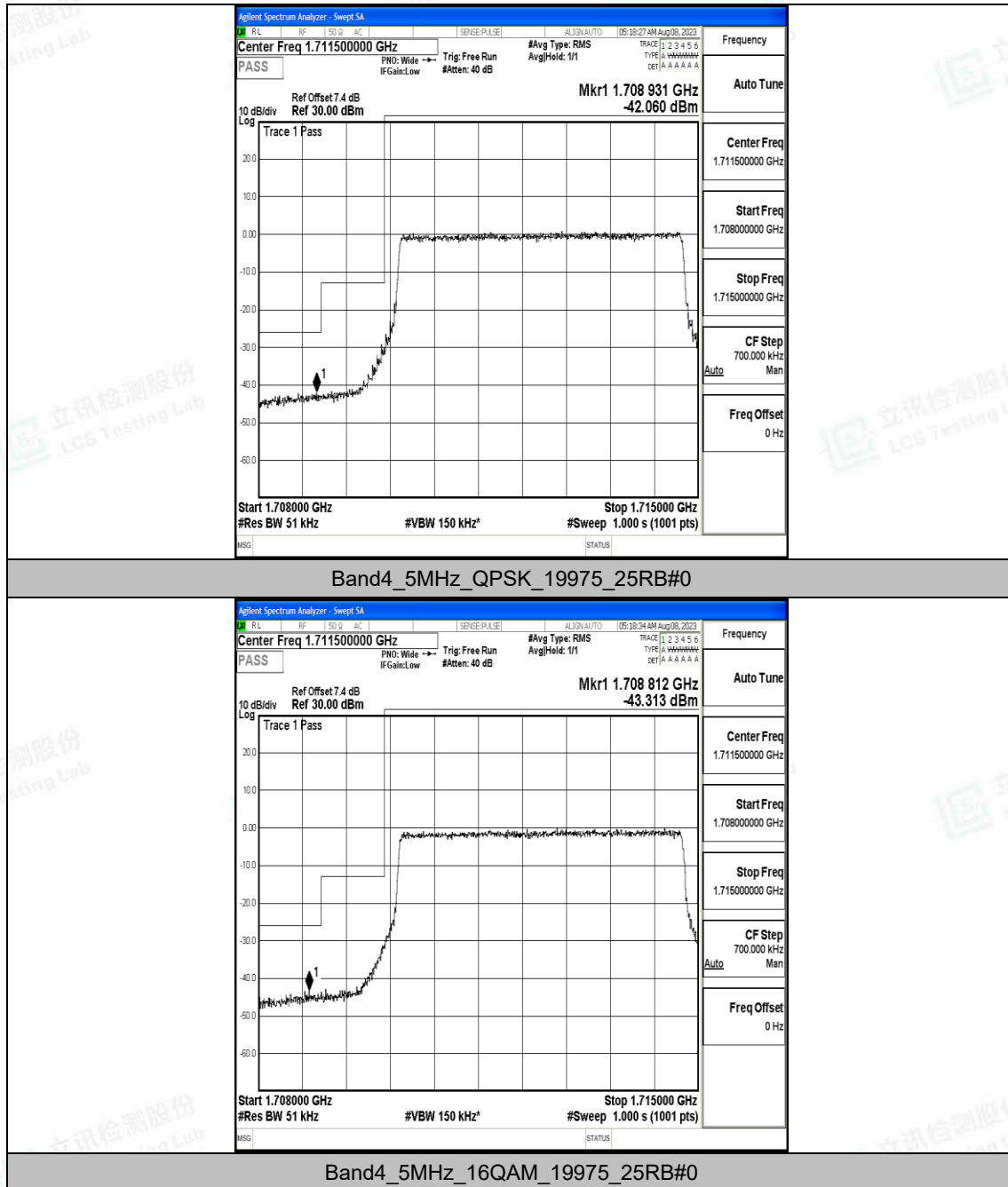
Test Graphs

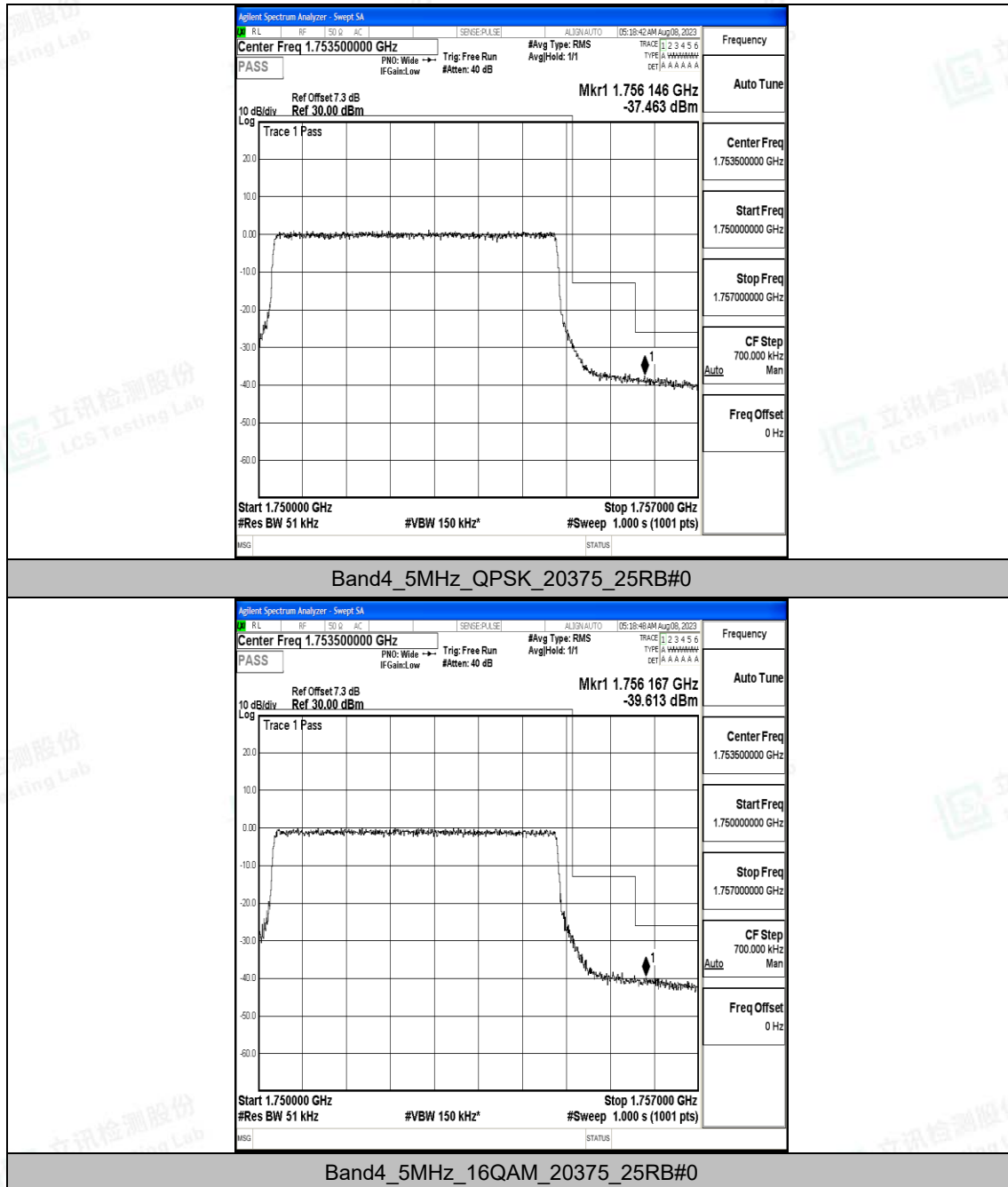


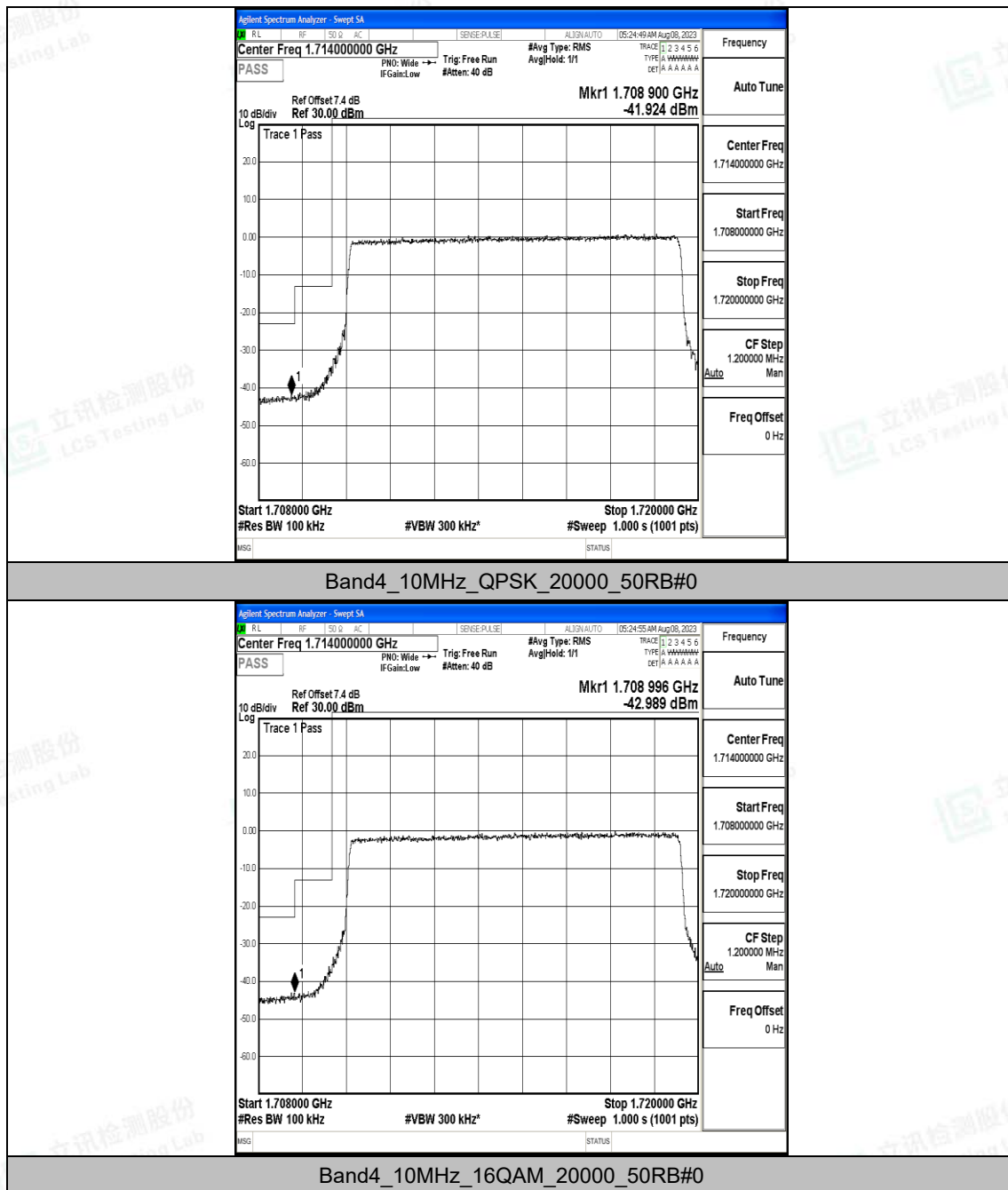


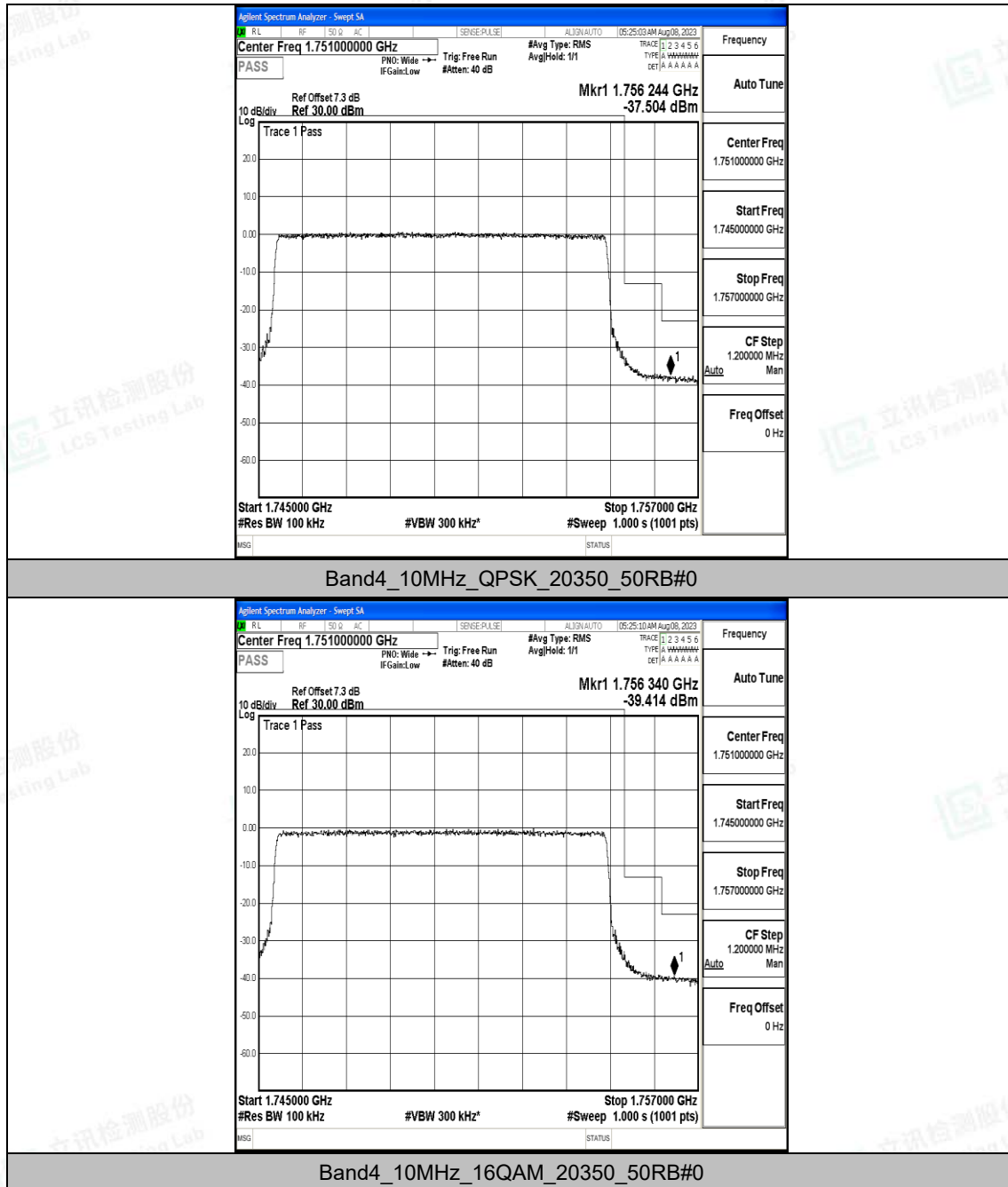


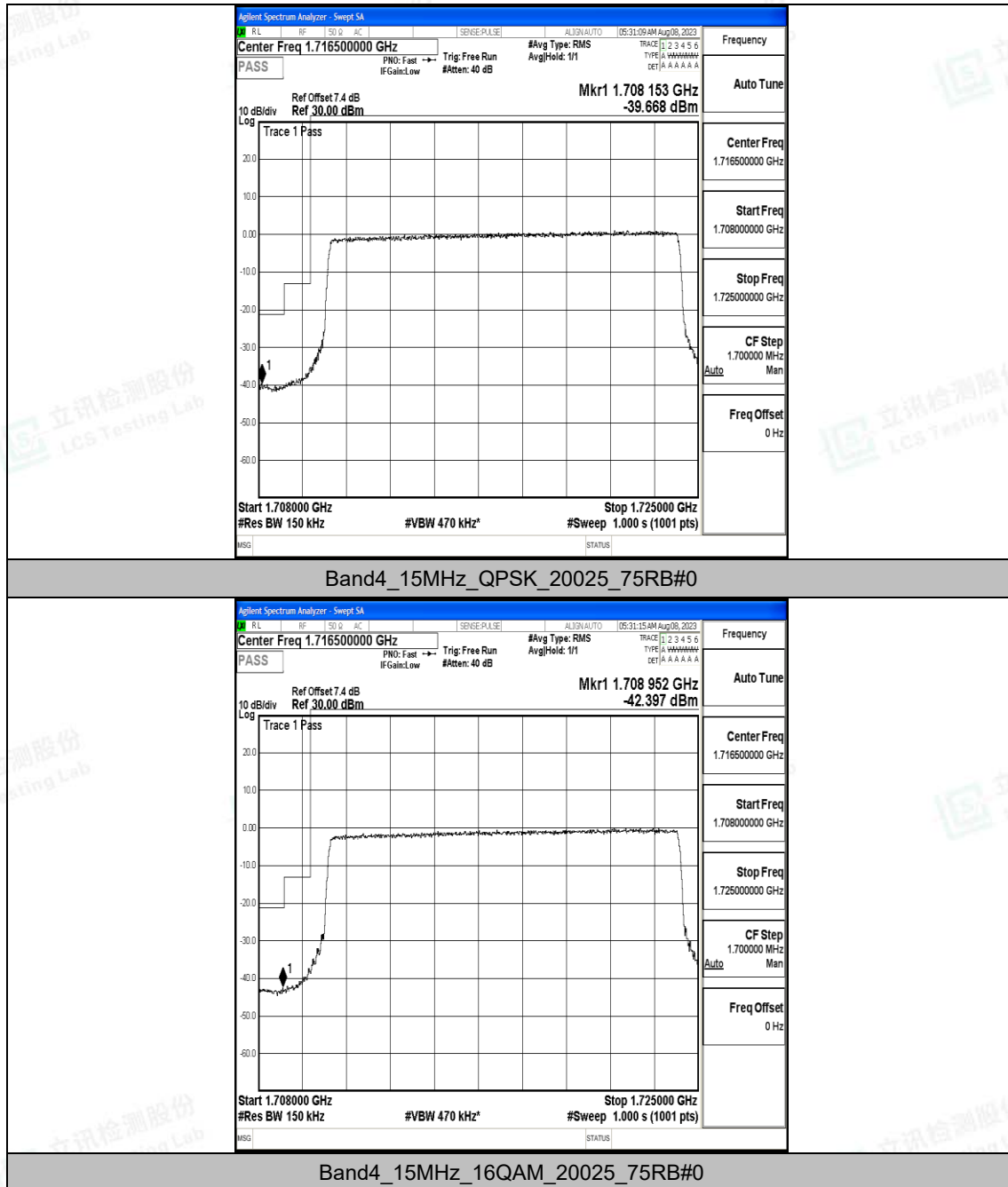


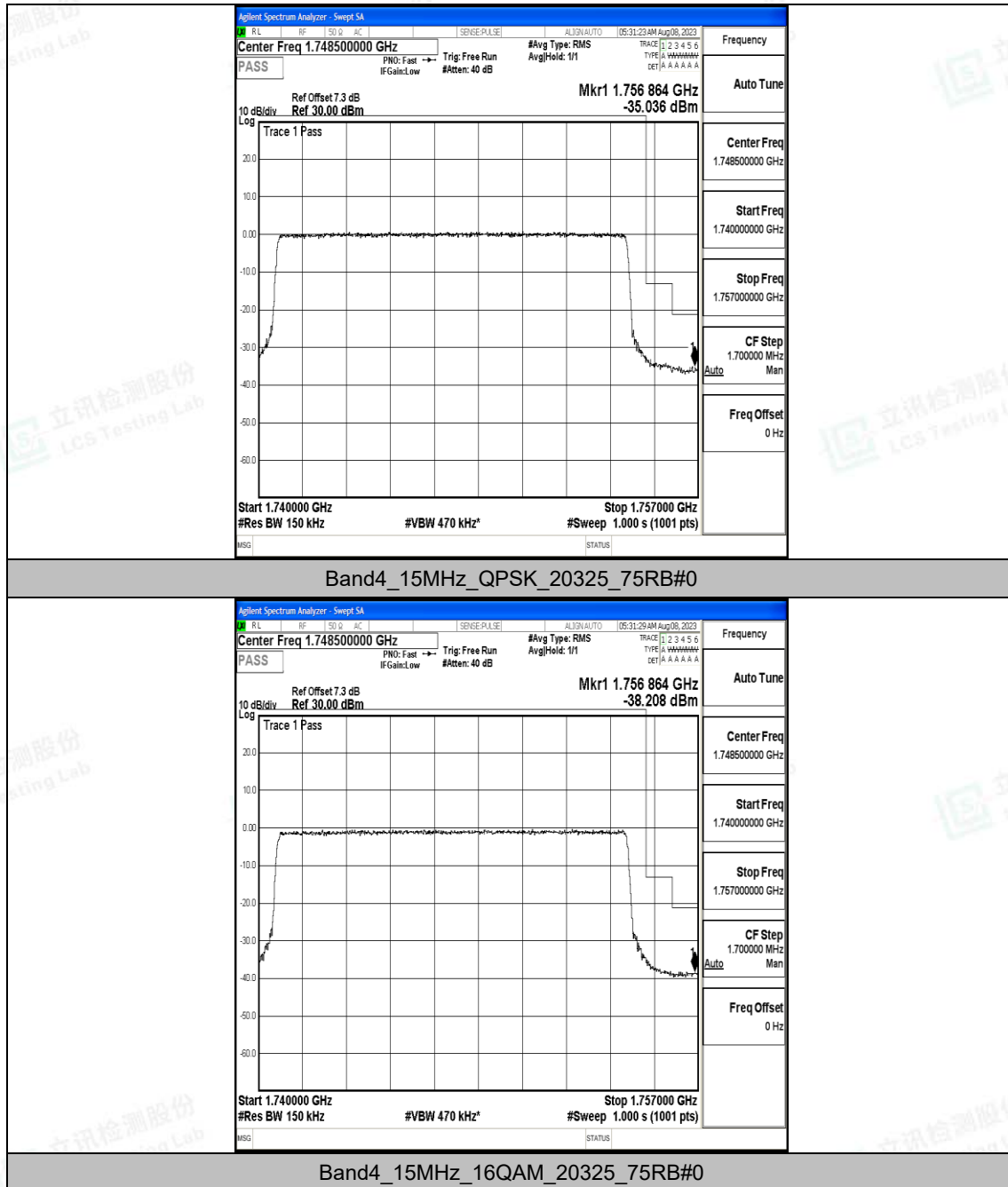


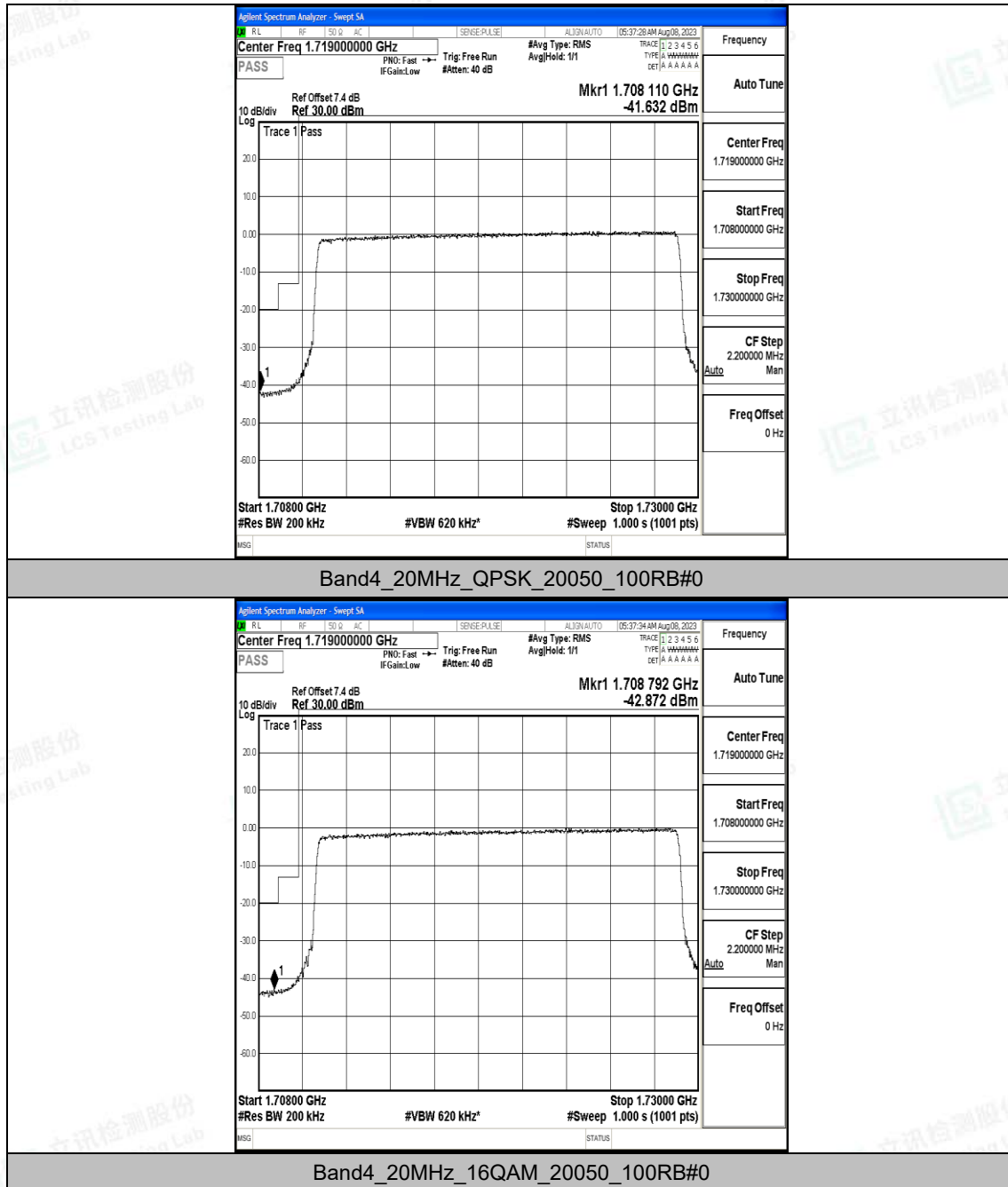


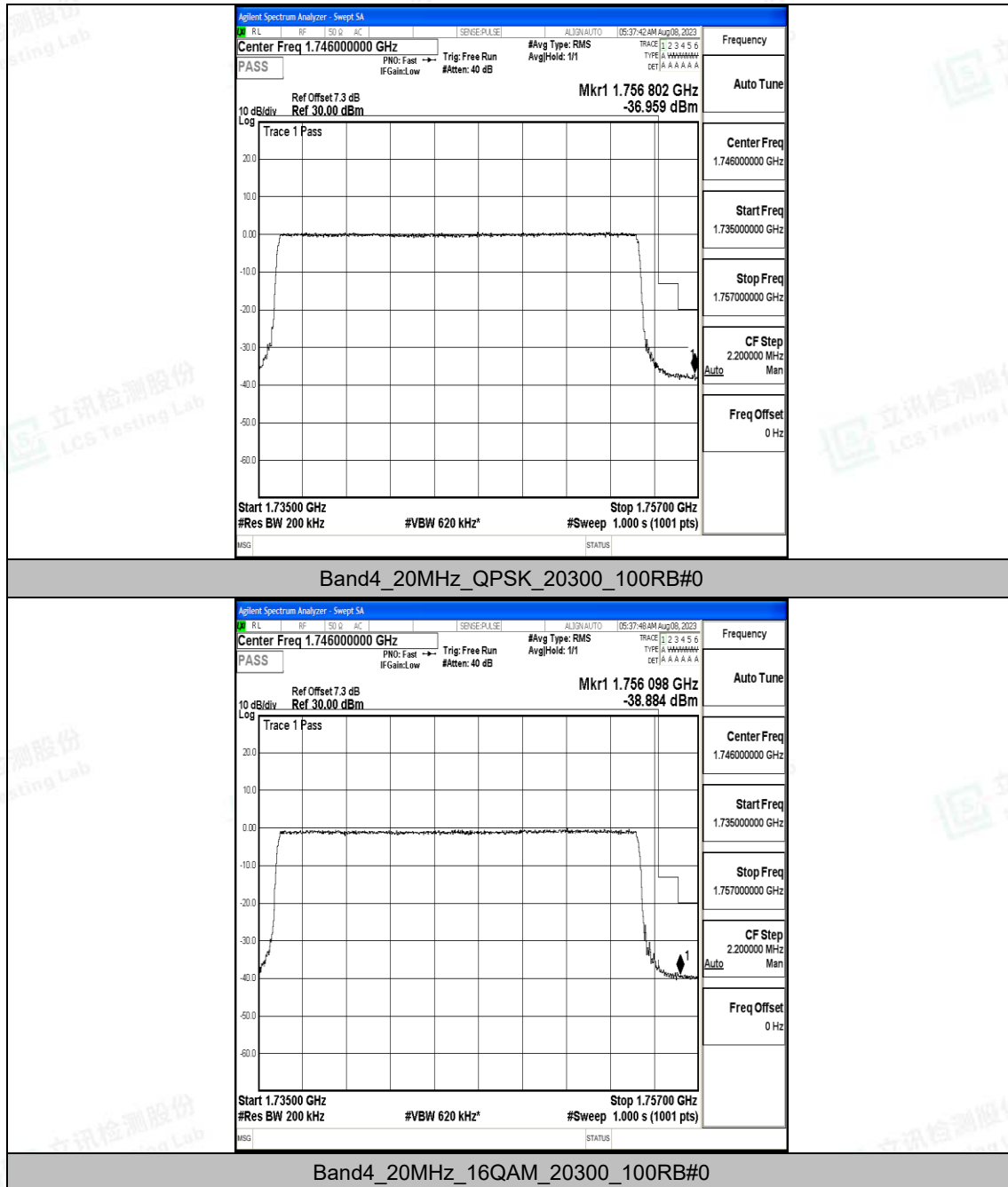














E.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	0.009~0.15	-67.83	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	0.15~30	-53.06	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	30~1000	-53.95	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	1000~3000	-38.92	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	3000~20000	-33.22	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.009~0.15	-67.36	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.15~30	-53.05	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	30~1000	-53.84	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	1000~3000	-38.42	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	3000~20000	-33.38	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.009~0.15	-67.03	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.15~30	-51.71	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	30~1000	-53.96	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	1000~3000	-39.96	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3000~20000	-33.52	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.009~0.15	-65.74	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.15~30	-54.75	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	30~1000	-53.90	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	1000~3000	-40.62	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	3000~20000	-32.94	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.009~0.15	-67.11	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.15~30	-53.59	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	30~1000	-53.86	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	1000~3000	-40.76	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3000~20000	-33.47	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.009~0.15	-66.96	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.15~30	-53.08	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	30~1000	-53.93	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	1000~3000	-41.01	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	3000~20000	-33.32	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.009~0.15	-68.62	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.15~30	-54.09	PASS
Band4	3MHz	QPSK	19965	1RB#0	30~1000	-53.75	PASS
Band4	3MHz	QPSK	19965	1RB#0	1000~3000	-40.43	PASS
Band4	3MHz	QPSK	19965	1RB#0	3000~20000	-33.07	PASS



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Band4	3MHz	16QAM	19965	1RB#0	0.009~0.15	-65.06	PASS
Band4	3MHz	16QAM	19965	1RB#0	0.15~30	-53.82	PASS
Band4	3MHz	16QAM	19965	1RB#0	30~1000	-53.93	PASS
Band4	3MHz	16QAM	19965	1RB#0	1000~3000	-43.17	PASS
Band4	3MHz	16QAM	19965	1RB#0	3000~20000	-33.30	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.009~0.15	-63.85	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.15~30	-53.61	PASS
Band4	3MHz	QPSK	20175	1RB#0	30~1000	-53.90	PASS
Band4	3MHz	QPSK	20175	1RB#0	1000~3000	-42.37	PASS
Band4	3MHz	QPSK	20175	1RB#0	3000~20000	-32.70	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.009~0.15	-64.60	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.15~30	-54.06	PASS
Band4	3MHz	16QAM	20175	1RB#0	30~1000	-53.70	PASS
Band4	3MHz	16QAM	20175	1RB#0	1000~3000	-40.40	PASS
Band4	3MHz	16QAM	20175	1RB#0	3000~20000	-33.28	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.009~0.15	-67.31	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.15~30	-53.66	PASS
Band4	3MHz	QPSK	20385	1RB#0	30~1000	-53.98	PASS
Band4	3MHz	QPSK	20385	1RB#0	1000~3000	-45.43	PASS
Band4	3MHz	QPSK	20385	1RB#0	3000~20000	-33.30	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.009~0.15	-66.59	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.15~30	-51.55	PASS
Band4	3MHz	16QAM	20385	1RB#0	30~1000	-53.95	PASS
Band4	3MHz	16QAM	20385	1RB#0	1000~3000	-44.89	PASS
Band4	3MHz	16QAM	20385	1RB#0	3000~20000	-33.43	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.009~0.15	-68.44	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.15~30	-54.49	PASS
Band4	5MHz	QPSK	19975	1RB#0	30~1000	-53.82	PASS
Band4	5MHz	QPSK	19975	1RB#0	1000~3000	-42.39	PASS
Band4	5MHz	QPSK	19975	1RB#0	3000~20000	-33.11	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.009~0.15	-65.73	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.15~30	-54.38	PASS
Band4	5MHz	16QAM	19975	1RB#0	30~1000	-53.93	PASS
Band4	5MHz	16QAM	19975	1RB#0	1000~3000	-42.21	PASS
Band4	5MHz	16QAM	19975	1RB#0	3000~20000	-33.17	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.009~0.15	-66.09	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.15~30	-52.58	PASS
Band4	5MHz	QPSK	20175	1RB#0	30~1000	-53.92	PASS
Band4	5MHz	QPSK	20175	1RB#0	1000~3000	-41.62	PASS
Band4	5MHz	QPSK	20175	1RB#0	3000~20000	-32.98	PASS



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Band4	5MHz	16QAM	20175	1RB#0	0.009~0.15	-65.68	PASS
Band4	5MHz	16QAM	20175	1RB#0	0.15~30	-52.90	PASS
Band4	5MHz	16QAM	20175	1RB#0	30~1000	-53.96	PASS
Band4	5MHz	16QAM	20175	1RB#0	1000~3000	-39.82	PASS
Band4	5MHz	16QAM	20175	1RB#0	3000~20000	-33.30	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.009~0.15	-62.94	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.15~30	-51.18	PASS
Band4	5MHz	QPSK	20375	1RB#0	30~1000	-53.90	PASS
Band4	5MHz	QPSK	20375	1RB#0	1000~3000	-43.87	PASS
Band4	5MHz	QPSK	20375	1RB#0	3000~20000	-33.46	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.009~0.15	-64.09	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.15~30	-54.99	PASS
Band4	5MHz	16QAM	20375	1RB#0	30~1000	-53.81	PASS
Band4	5MHz	16QAM	20375	1RB#0	1000~3000	-47.54	PASS
Band4	5MHz	16QAM	20375	1RB#0	3000~20000	-33.19	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.009~0.15	-68.22	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.15~30	-52.25	PASS
Band4	10MHz	QPSK	20000	1RB#0	30~1000	-53.79	PASS
Band4	10MHz	QPSK	20000	1RB#0	1000~3000	-39.71	PASS
Band4	10MHz	QPSK	20000	1RB#0	3000~20000	-32.85	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.009~0.15	-66.48	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.15~30	-53.59	PASS
Band4	10MHz	16QAM	20000	1RB#0	30~1000	-53.87	PASS
Band4	10MHz	16QAM	20000	1RB#0	1000~3000	-40.17	PASS
Band4	10MHz	16QAM	20000	1RB#0	3000~20000	-33.55	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.009~0.15	-67.10	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.15~30	-52.67	PASS
Band4	10MHz	QPSK	20175	1RB#0	30~1000	-53.94	PASS
Band4	10MHz	QPSK	20175	1RB#0	1000~3000	-42.56	PASS
Band4	10MHz	QPSK	20175	1RB#0	3000~20000	-33.53	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.009~0.15	-64.34	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.15~30	-53.79	PASS
Band4	10MHz	16QAM	20175	1RB#0	30~1000	-53.81	PASS
Band4	10MHz	16QAM	20175	1RB#0	1000~3000	-42.43	PASS
Band4	10MHz	16QAM	20175	1RB#0	3000~20000	-33.33	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.009~0.15	-66.86	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.15~30	-52.96	PASS
Band4	10MHz	QPSK	20350	1RB#0	30~1000	-53.91	PASS
Band4	10MHz	QPSK	20350	1RB#0	1000~3000	-44.48	PASS
Band4	10MHz	QPSK	20350	1RB#0	3000~20000	-33.06	PASS



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Band4	10MHz	16QAM	20350	1RB#0	0.009~0.15	-66.19	PASS
Band4	10MHz	16QAM	20350	1RB#0	0.15~30	-52.49	PASS
Band4	10MHz	16QAM	20350	1RB#0	30~1000	-53.88	PASS
Band4	10MHz	16QAM	20350	1RB#0	1000~3000	-46.04	PASS
Band4	10MHz	16QAM	20350	1RB#0	3000~20000	-33.03	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.009~0.15	-67.60	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.15~30	-51.99	PASS
Band4	15MHz	QPSK	20025	1RB#0	30~1000	-53.96	PASS
Band4	15MHz	QPSK	20025	1RB#0	1000~3000	-41.15	PASS
Band4	15MHz	QPSK	20025	1RB#0	3000~20000	-32.85	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.009~0.15	-66.73	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.15~30	-51.70	PASS
Band4	15MHz	16QAM	20025	1RB#0	30~1000	-53.92	PASS
Band4	15MHz	16QAM	20025	1RB#0	1000~3000	-46.12	PASS
Band4	15MHz	16QAM	20025	1RB#0	3000~20000	-33.16	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.009~0.15	-64.56	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.15~30	-53.43	PASS
Band4	15MHz	QPSK	20175	1RB#0	30~1000	-53.94	PASS
Band4	15MHz	QPSK	20175	1RB#0	1000~3000	-39.04	PASS
Band4	15MHz	QPSK	20175	1RB#0	3000~20000	-33.14	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.009~0.15	-65.82	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.15~30	-56.44	PASS
Band4	15MHz	16QAM	20175	1RB#0	30~1000	-53.91	PASS
Band4	15MHz	16QAM	20175	1RB#0	1000~3000	-41.78	PASS
Band4	15MHz	16QAM	20175	1RB#0	3000~20000	-33.06	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.009~0.15	-66.62	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.15~30	-52.94	PASS
Band4	15MHz	QPSK	20325	1RB#0	30~1000	-53.99	PASS
Band4	15MHz	QPSK	20325	1RB#0	1000~3000	-44.97	PASS
Band4	15MHz	QPSK	20325	1RB#0	3000~20000	-32.75	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.009~0.15	-66.53	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.15~30	-53.90	PASS
Band4	15MHz	16QAM	20325	1RB#0	30~1000	-53.88	PASS
Band4	15MHz	16QAM	20325	1RB#0	1000~3000	-44.36	PASS
Band4	15MHz	16QAM	20325	1RB#0	3000~20000	-33.50	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.009~0.15	-67.31	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.15~30	-54.72	PASS
Band4	20MHz	QPSK	20050	1RB#0	30~1000	-53.96	PASS
Band4	20MHz	QPSK	20050	1RB#0	1000~3000	-37.91	PASS
Band4	20MHz	QPSK	20050	1RB#0	3000~20000	-33.58	PASS



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Band4	20MHz	16QAM	20050	1RB#0	0.009~0.15	-69.38	PASS
Band4	20MHz	16QAM	20050	1RB#0	0.15~30	-53.57	PASS
Band4	20MHz	16QAM	20050	1RB#0	30~1000	-53.99	PASS
Band4	20MHz	16QAM	20050	1RB#0	1000~3000	-40.81	PASS
Band4	20MHz	16QAM	20050	1RB#0	3000~20000	-33.25	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.009~0.15	-67.14	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.15~30	-51.94	PASS
Band4	20MHz	QPSK	20175	1RB#0	30~1000	-53.92	PASS
Band4	20MHz	QPSK	20175	1RB#0	1000~3000	-41.49	PASS
Band4	20MHz	QPSK	20175	1RB#0	3000~20000	-33.29	PASS
Band4	20MHz	16QAM	20175	1RB#0	0.009~0.15	-67.46	PASS
Band4	20MHz	16QAM	20175	1RB#0	0.15~30	-51.23	PASS
Band4	20MHz	16QAM	20175	1RB#0	30~1000	-53.92	PASS
Band4	20MHz	16QAM	20175	1RB#0	1000~3000	-40.55	PASS
Band4	20MHz	16QAM	20175	1RB#0	3000~20000	-32.85	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.009~0.15	-65.91	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.15~30	-52.75	PASS
Band4	20MHz	QPSK	20300	1RB#0	30~1000	-53.92	PASS
Band4	20MHz	QPSK	20300	1RB#0	1000~3000	-48.19	PASS
Band4	20MHz	QPSK	20300	1RB#0	3000~20000	-33.29	PASS
Band4	20MHz	16QAM	20300	1RB#0	0.009~0.15	-67.38	PASS
Band4	20MHz	16QAM	20300	1RB#0	0.15~30	-51.65	PASS
Band4	20MHz	16QAM	20300	1RB#0	30~1000	-53.93	PASS
Band4	20MHz	16QAM	20300	1RB#0	1000~3000	-47.96	PASS
Band4	20MHz	16QAM	20300	1RB#0	3000~20000	-32.99	PASS





Test Graphs

