



Appendix G: Test Data for E-UTRA Band 4

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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Scan code to check authenticity



G.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.25	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.35	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.31	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.54	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.18	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.36	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.32	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.23	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.34	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.23	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.35	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.18	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.36	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.26	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.33	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.38	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.53	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.22	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.34	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.26	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.21	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.28	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.20	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.33	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.20	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.27	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.22	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.24	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.37	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.33	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.50	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.16	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.37	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.34	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.20	PASS



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Band4	1.4MHz	QPSK	20393	3RB#1	22.31	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.19	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.33	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.17	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.28	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.39	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.33	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.51	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.28	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.40	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.29	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.43	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.29	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.41	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.28	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.42	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.26	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.33	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.23	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.33	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.33	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.47	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.33	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.40	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.35	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.47	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.25	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.30	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.26	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.30	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.26	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.30	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.23	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.21	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.32	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.58	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.24	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.46	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.28	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.38	PASS





Band4	3MHz	QPSK	20385	8RB#0	21.32	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.40	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.29	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.42	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.26	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.40	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.28	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.31	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.36	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.34	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.35	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.35	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.30	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.24	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.26	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.34	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.28	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.34	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.28	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.41	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.32	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.37	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.32	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.50	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.36	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.58	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.33	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.46	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.33	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.39	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.29	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.44	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.32	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.44	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.33	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.38	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.37	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.38	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.45	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.41	PASS



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Band4	5MHz	QPSK	20375	1RB#24	22.29	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.30	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.36	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.41	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.34	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.43	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.31	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.45	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.38	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.44	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.42	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.56	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.44	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.56	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.20	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.40	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.37	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.44	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.37	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.42	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.34	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.39	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.39	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.43	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.27	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.42	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.52	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.62	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.40	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.56	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.39	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.51	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.38	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.49	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.40	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.52	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.39	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.47	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.48	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.61	PASS



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Band4	10MHz	QPSK	20350	1RB#24	22.55	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.73	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.27	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.49	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.48	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.56	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.47	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.53	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.48	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.52	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.49	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.52	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.28	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.51	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.28	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.49	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.10	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.36	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.26	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.27	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.26	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.30	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.30	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.24	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.30	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.35	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.19	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.42	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.36	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.62	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.32	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.53	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.41	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.34	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.37	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.40	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.38	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.39	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.37	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.38	PASS



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Band4	15MHz	QPSK	20325	1RB#0	22.41	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.52	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.52	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.71	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.26	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.44	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.51	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	21.54	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.56	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.52	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.56	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.55	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.26	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.25	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.46	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.51	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.15	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.12	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.35	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.35	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.27	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.37	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.22	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.30	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.31	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.35	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.07	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.30	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.49	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.72	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.24	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.45	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.29	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.38	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.32	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.40	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.39	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.41	PASS



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Band4	20MHz	QPSK	20175	100RB#0	21.30	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.35	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.29	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.28	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.76	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.69	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.22	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.13	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.49	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.55	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.53	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.56	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.54	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.54	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.44	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.51	PASS





G.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	5.92	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.50	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.70	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.36	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.90	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.60	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.80	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.81	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.53	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.52	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.80	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.65	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.99	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.62	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.89	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.63	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.98	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.72	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.98	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.62	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.88	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.49	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.97	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.75	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	6.20	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.72	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	6.18	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.60	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	6.30	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.76	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.76	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.60	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.81	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.62	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.96	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.63	13	PASS



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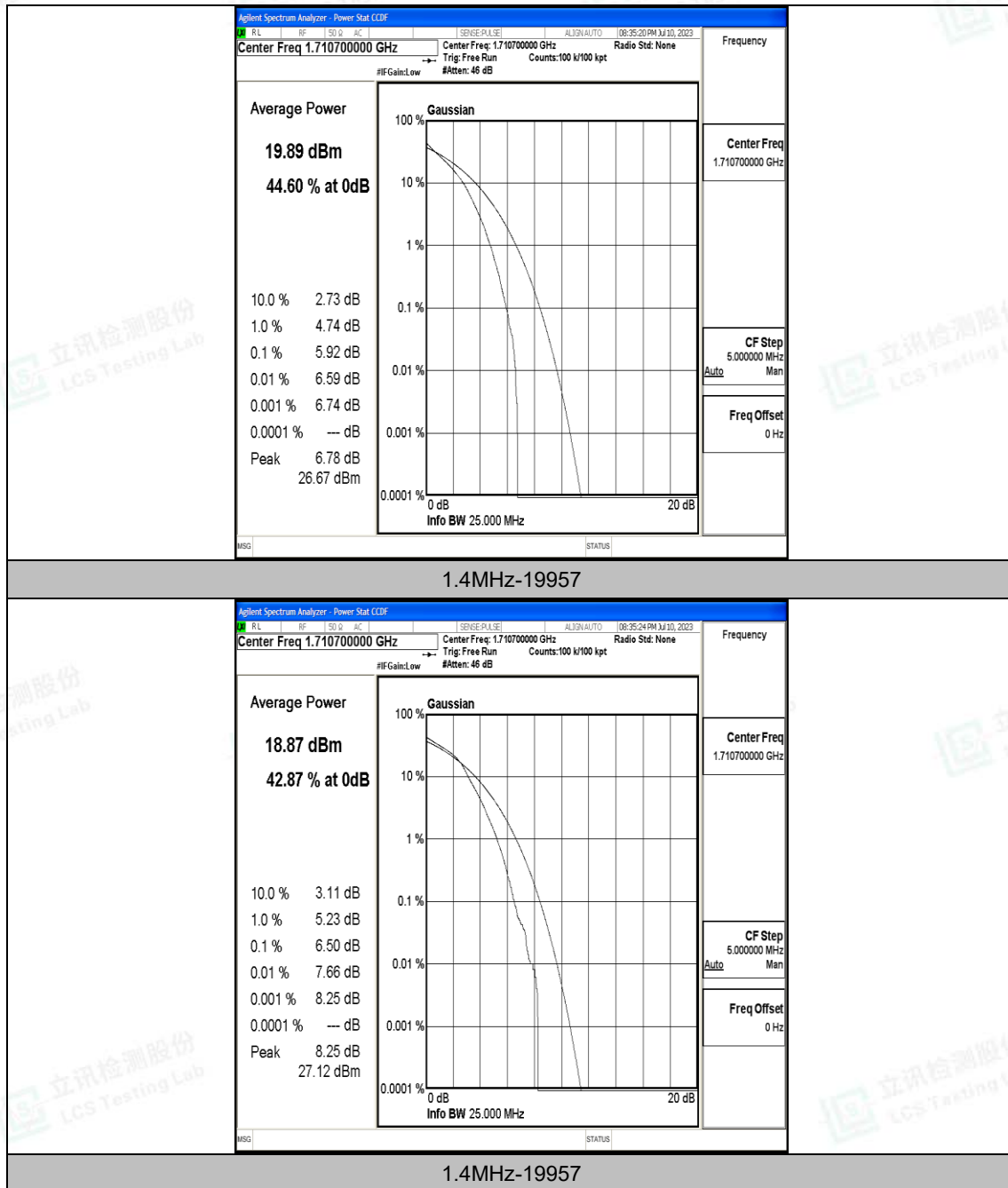
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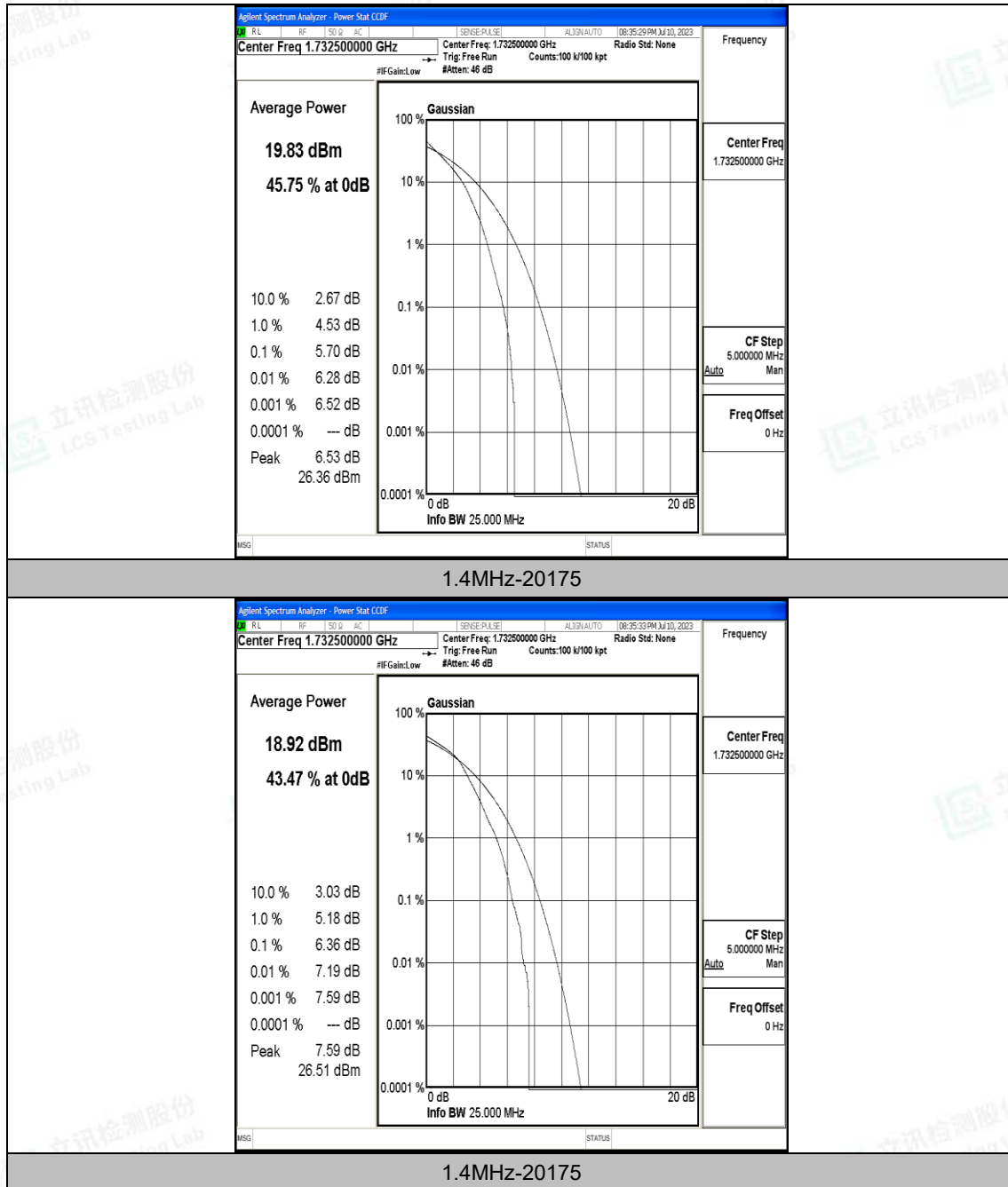
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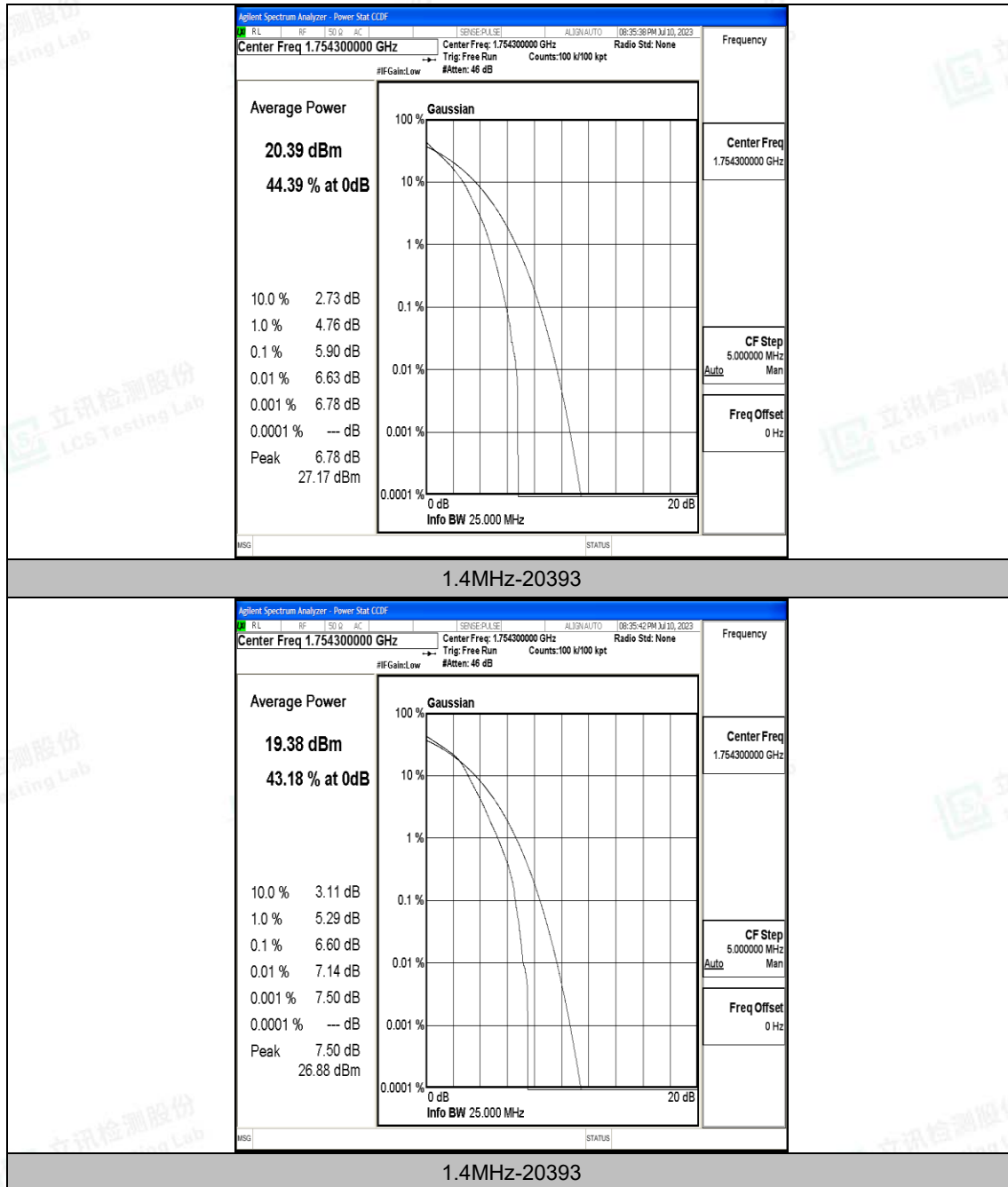
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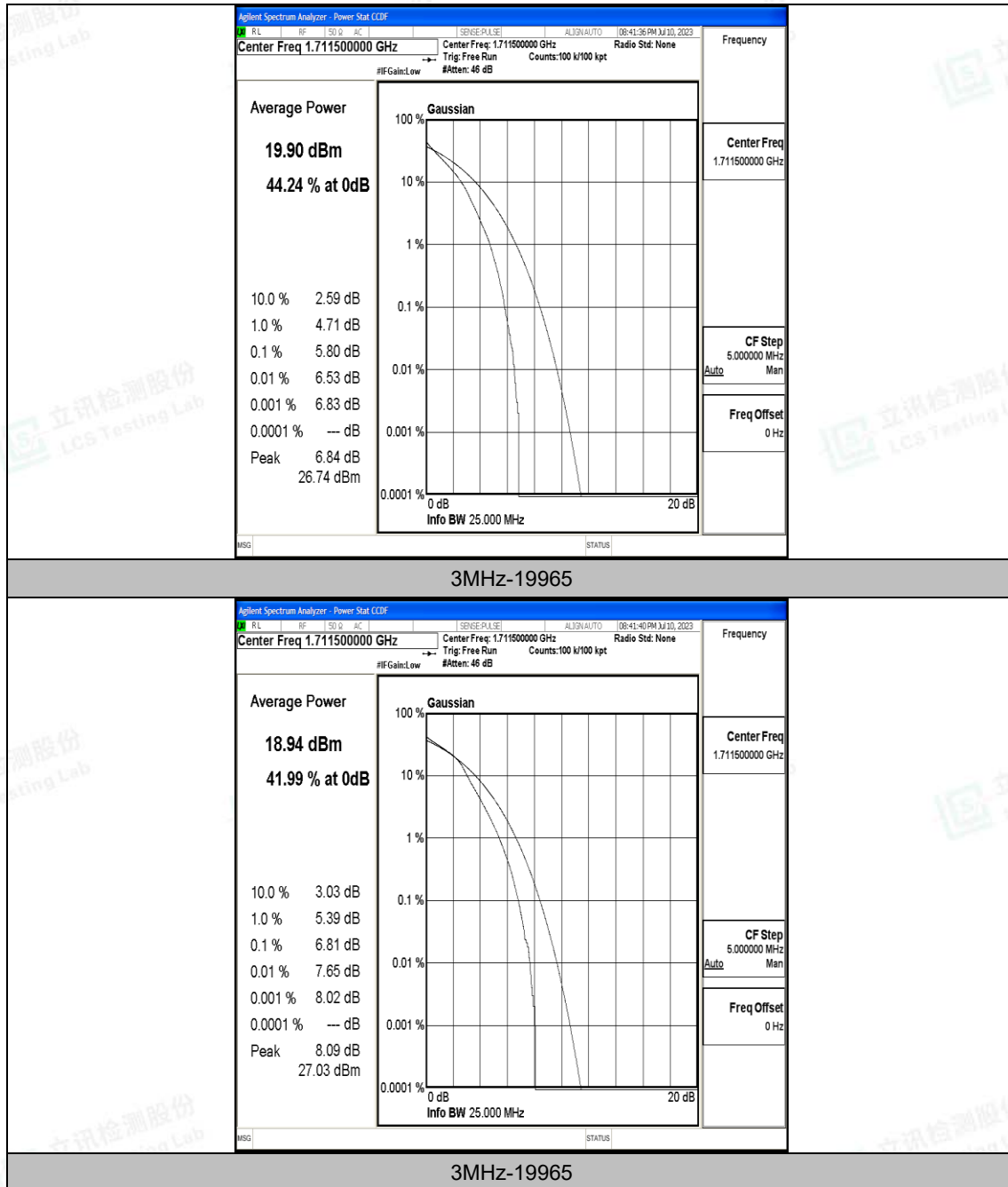


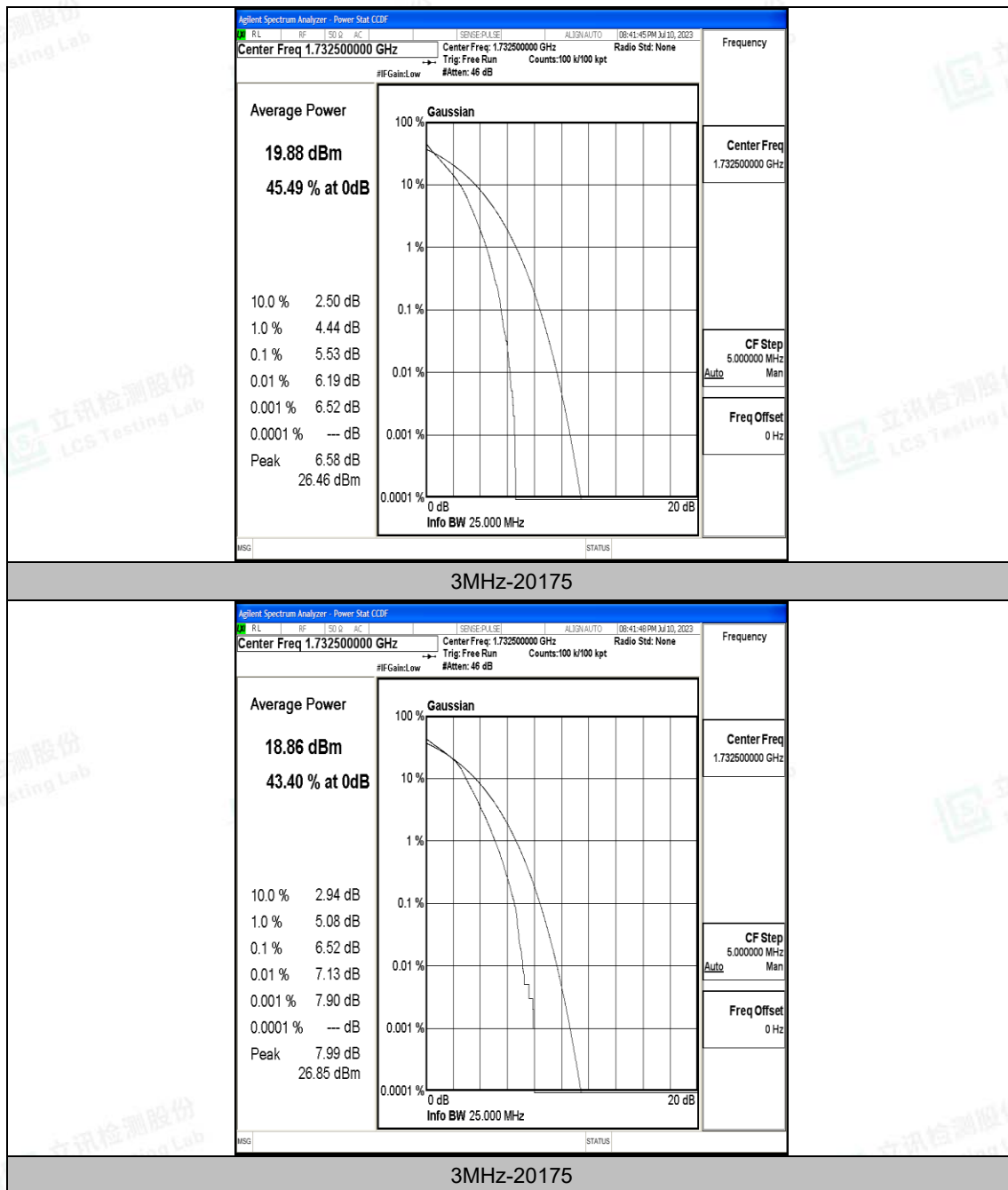
Test Graphs









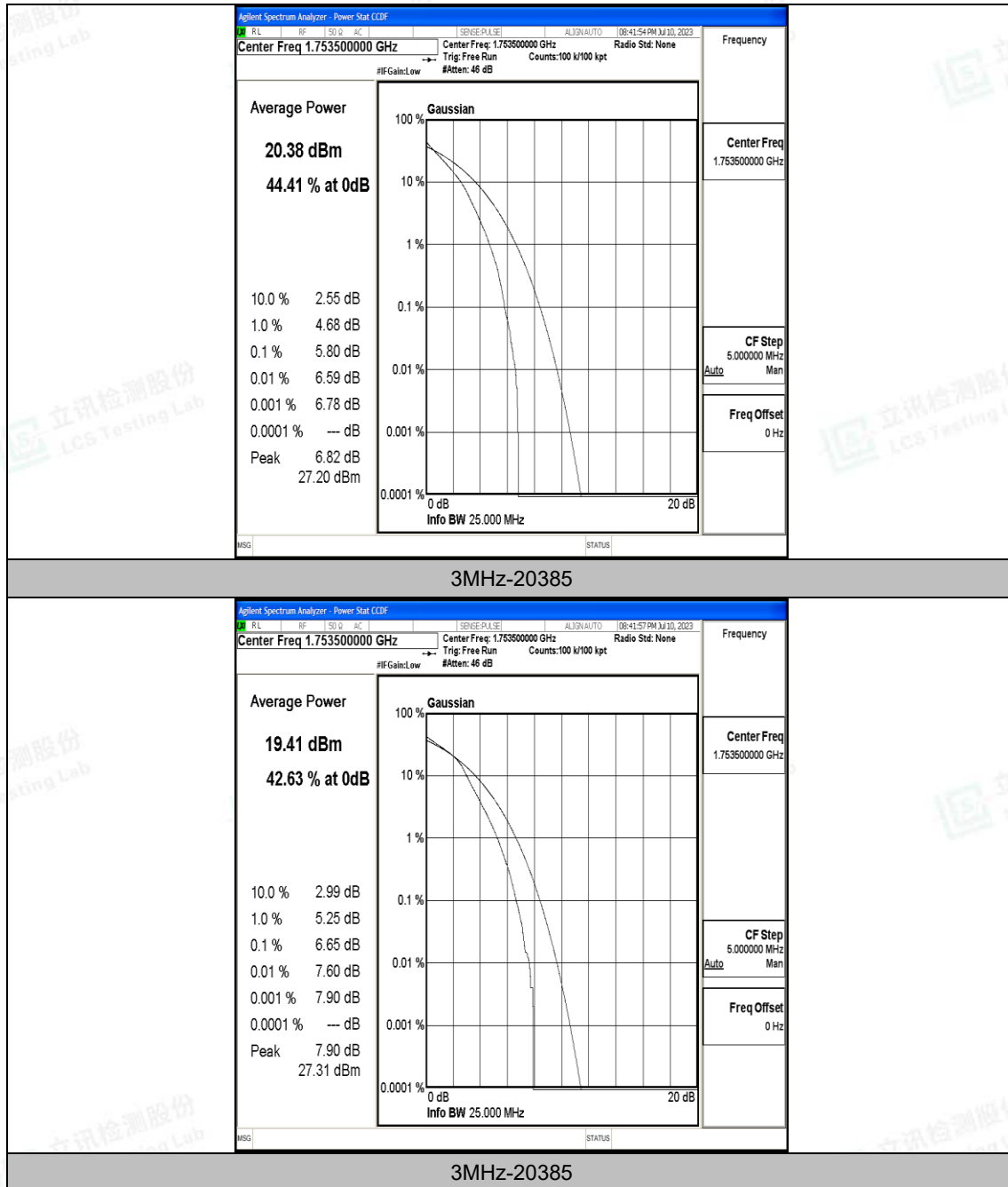


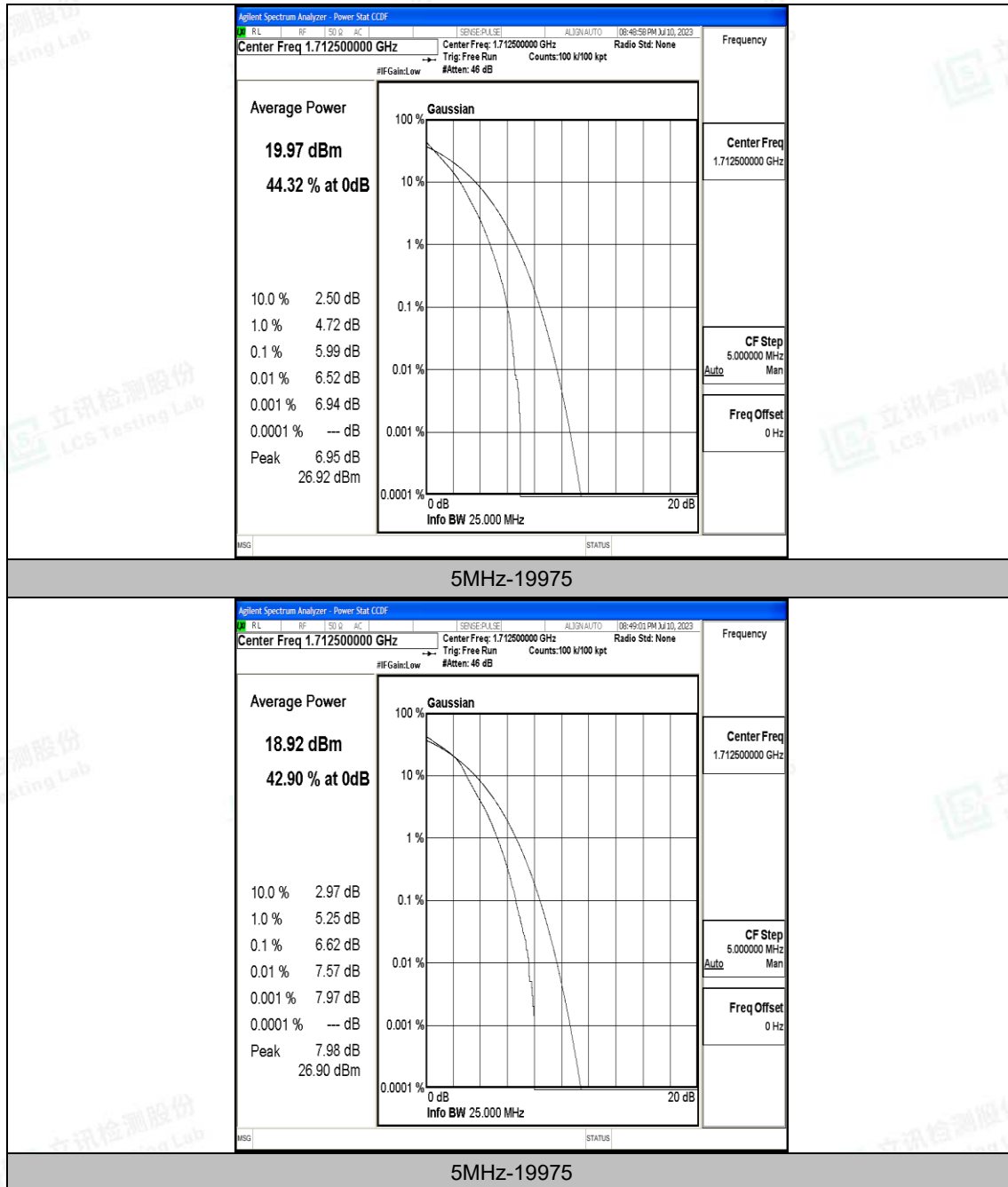
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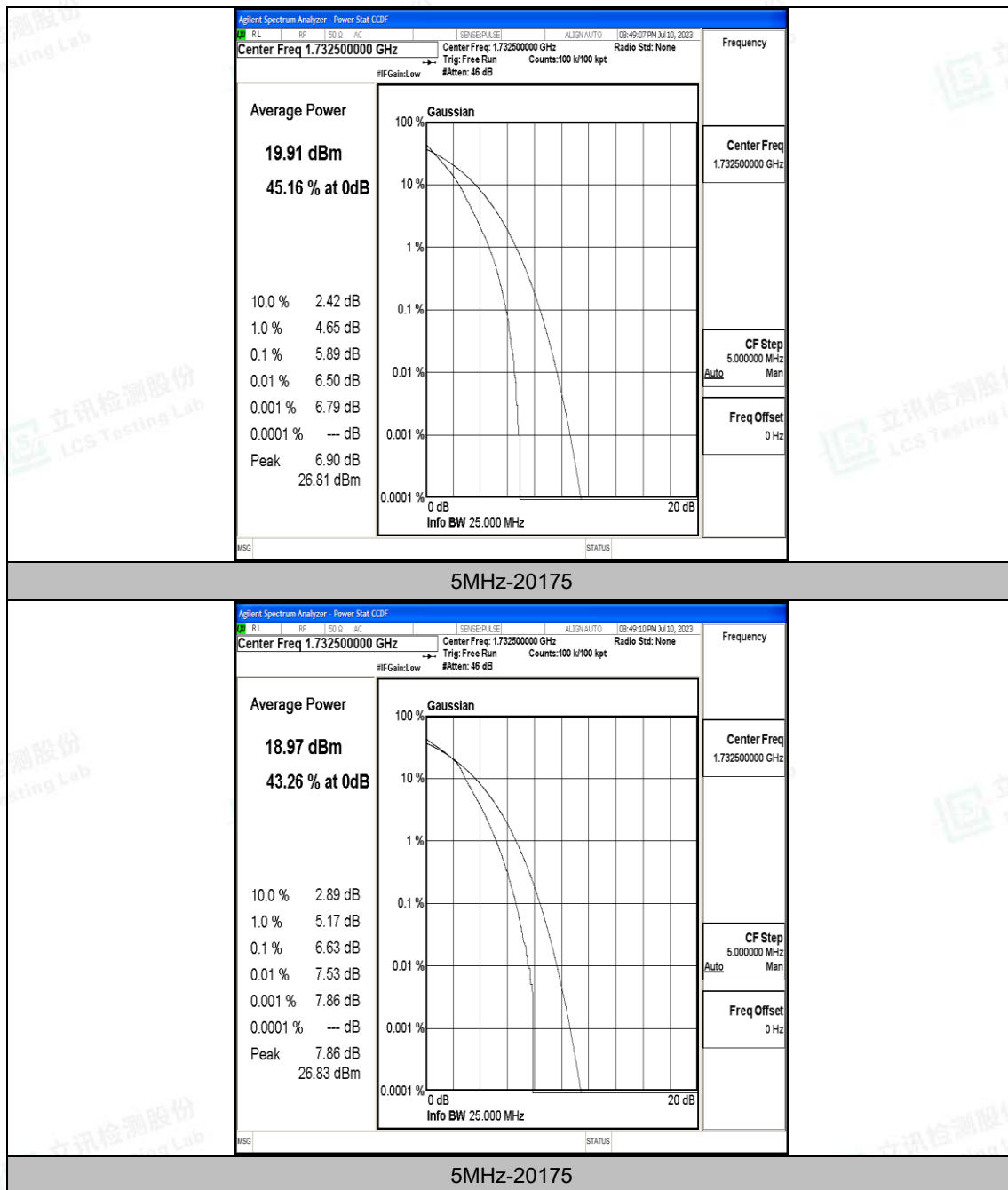
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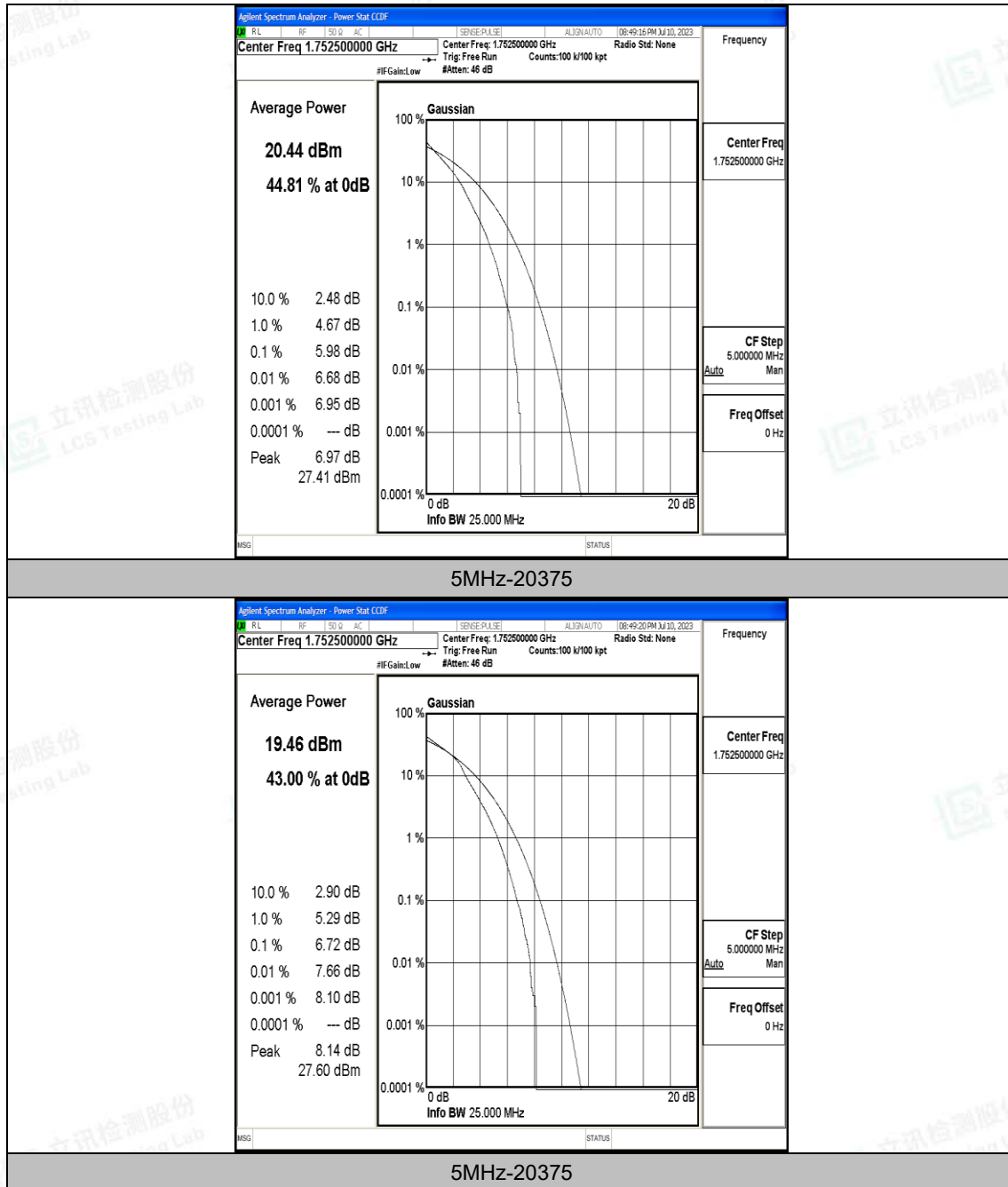


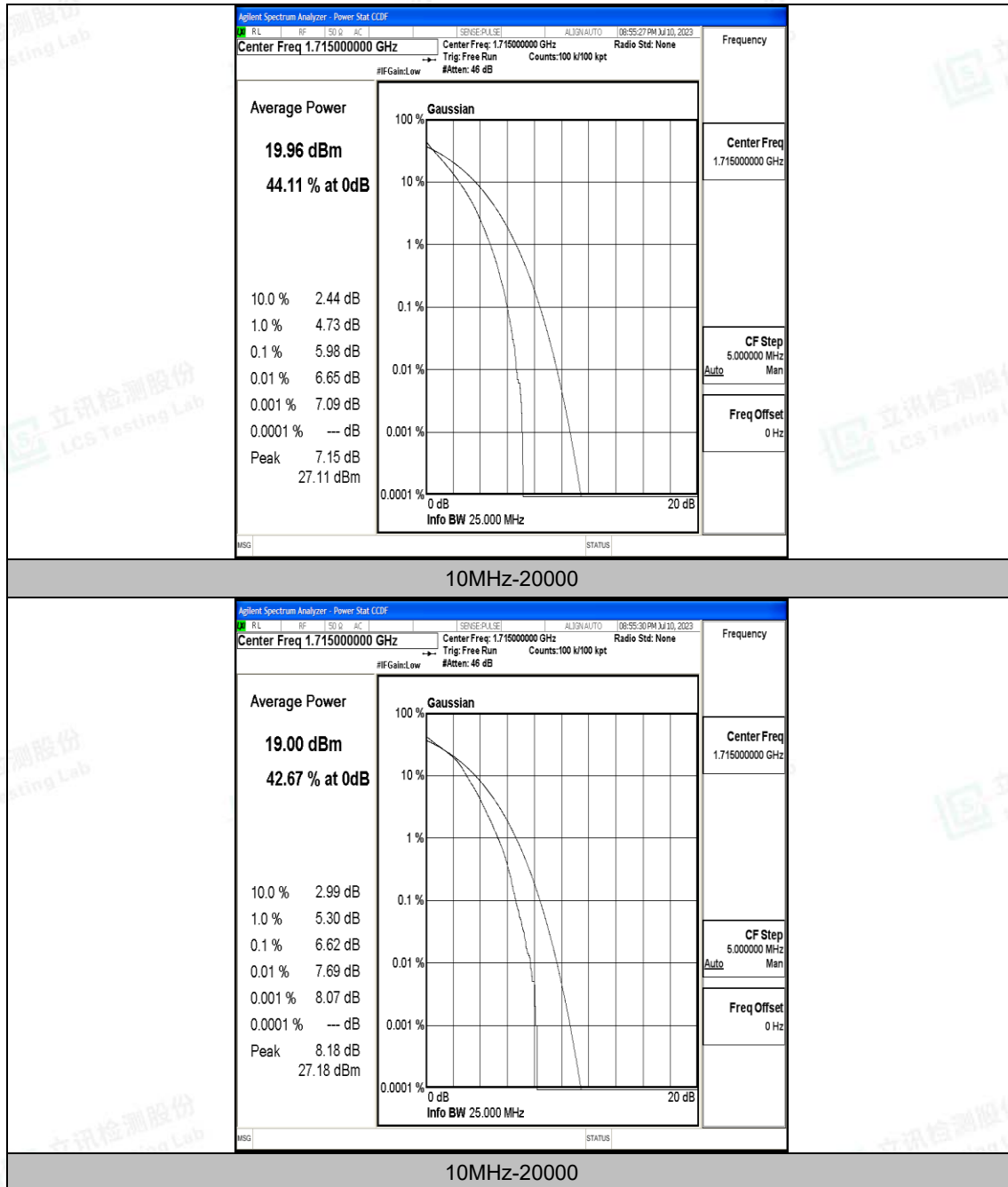
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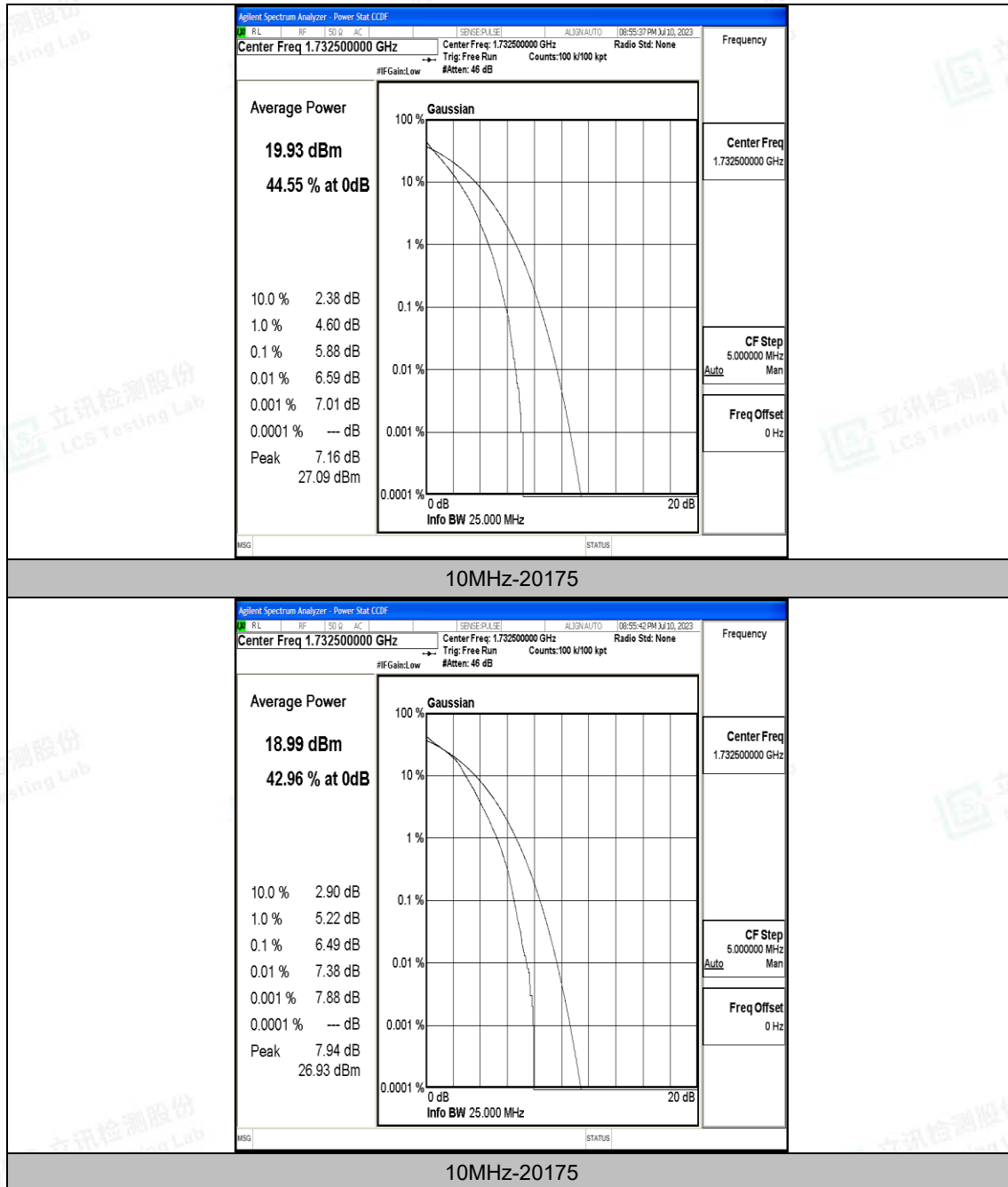
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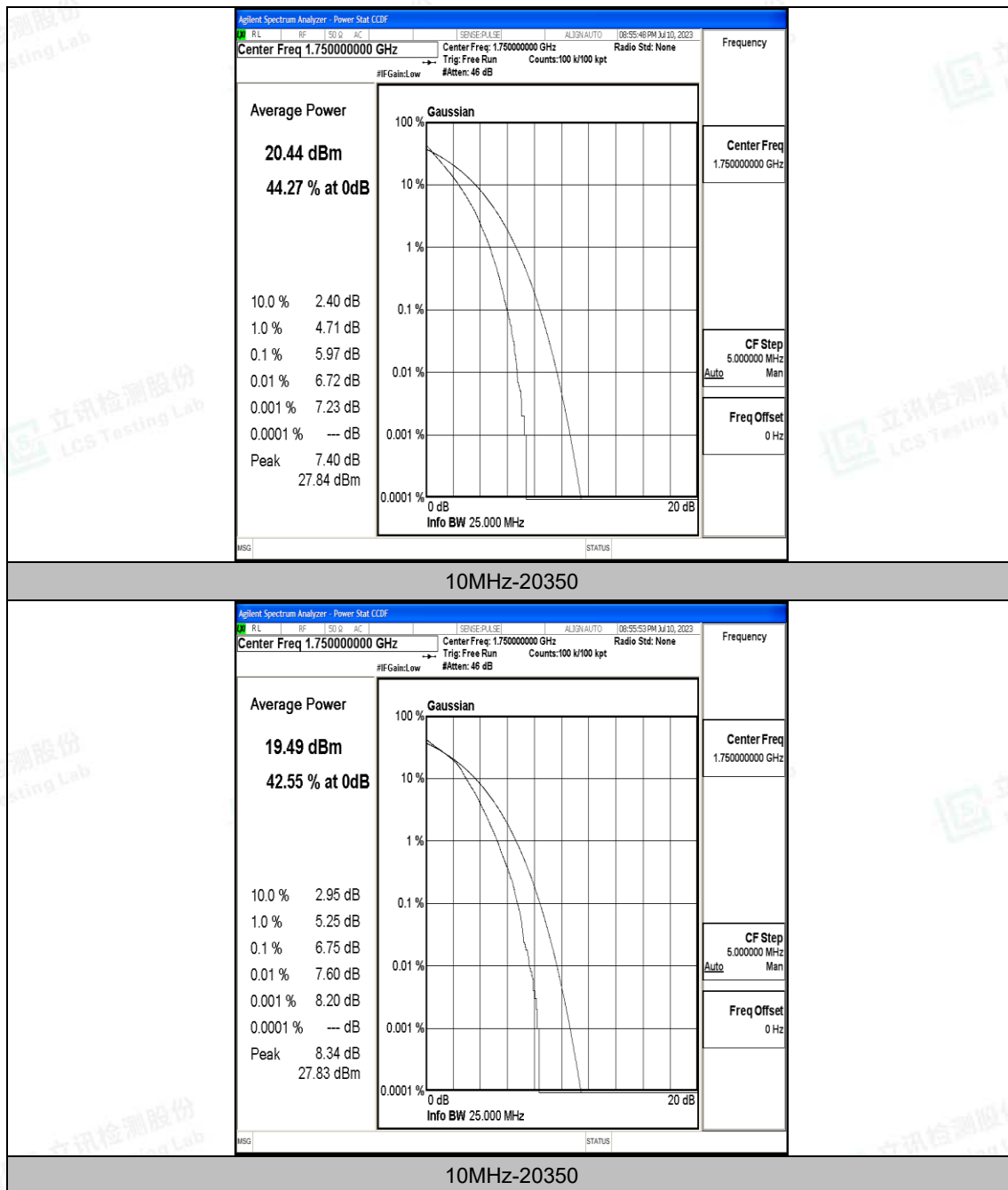
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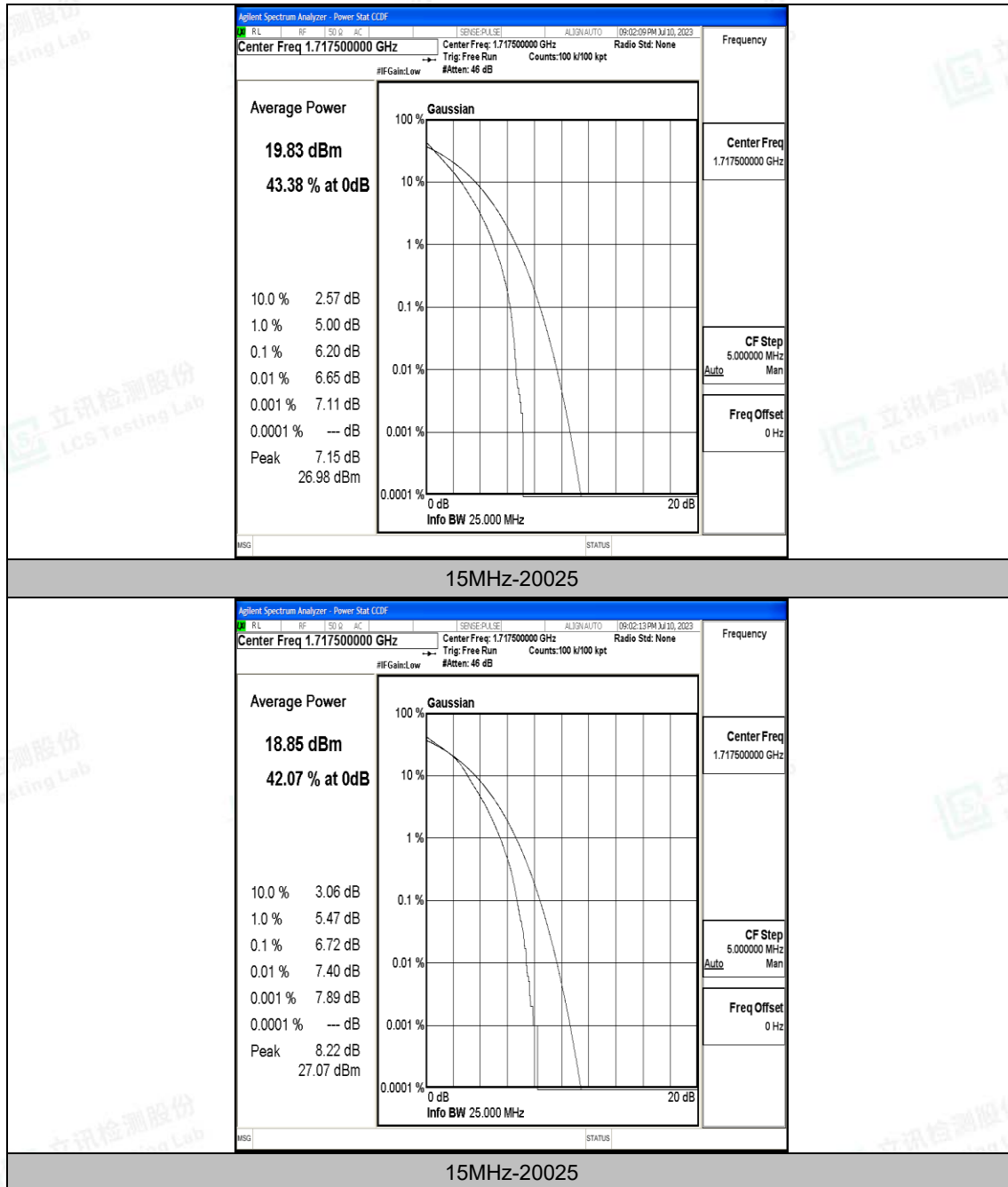
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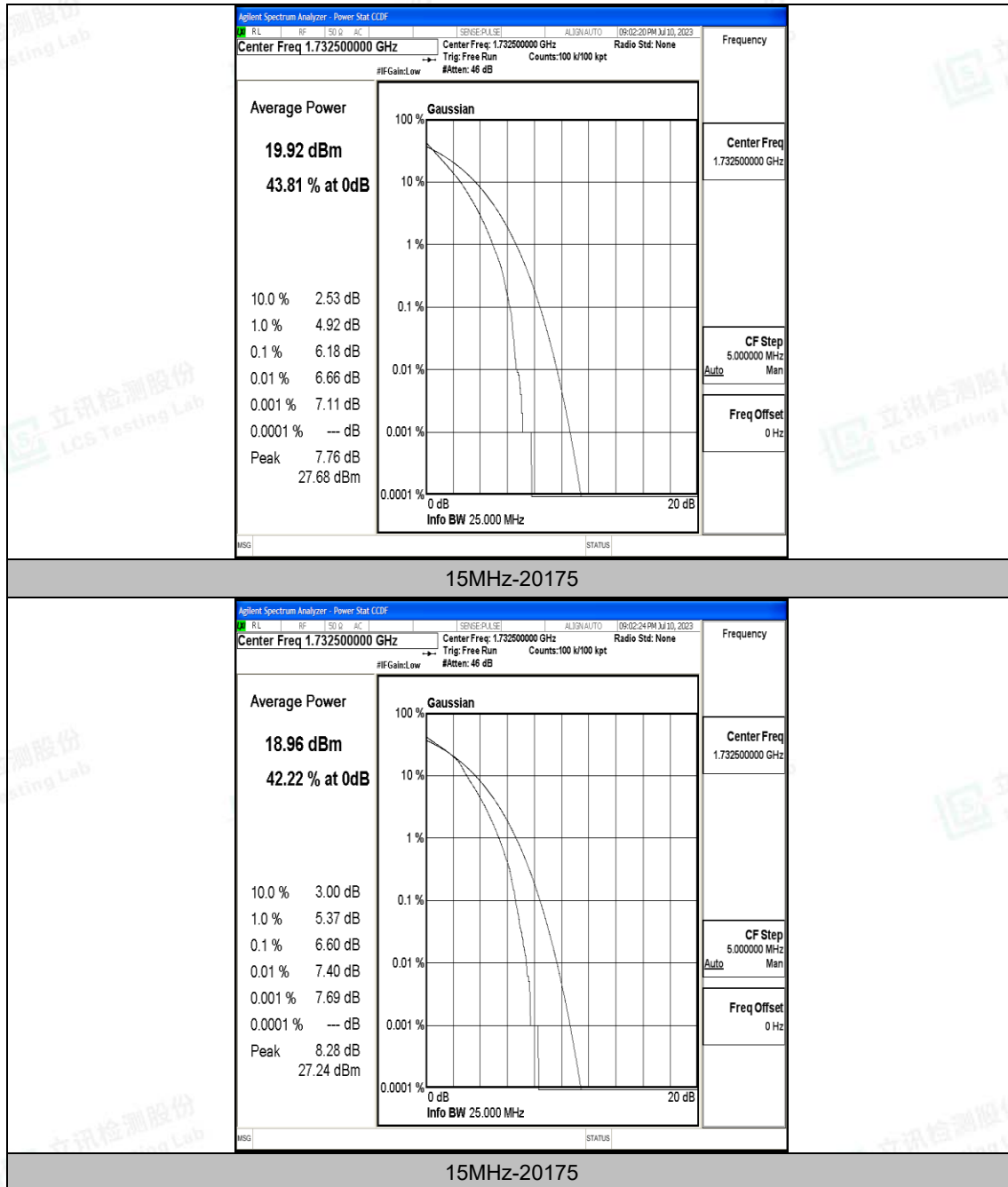


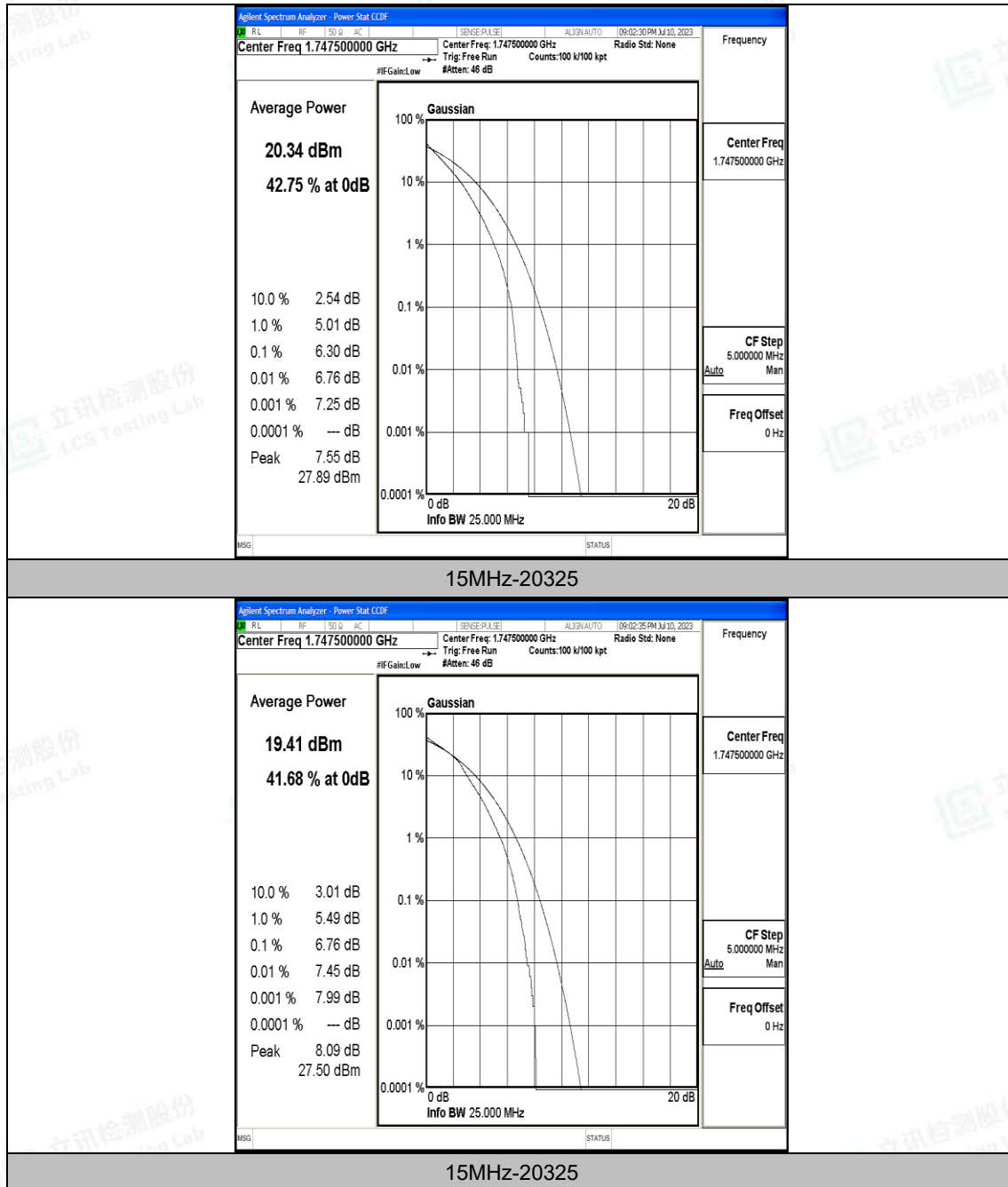


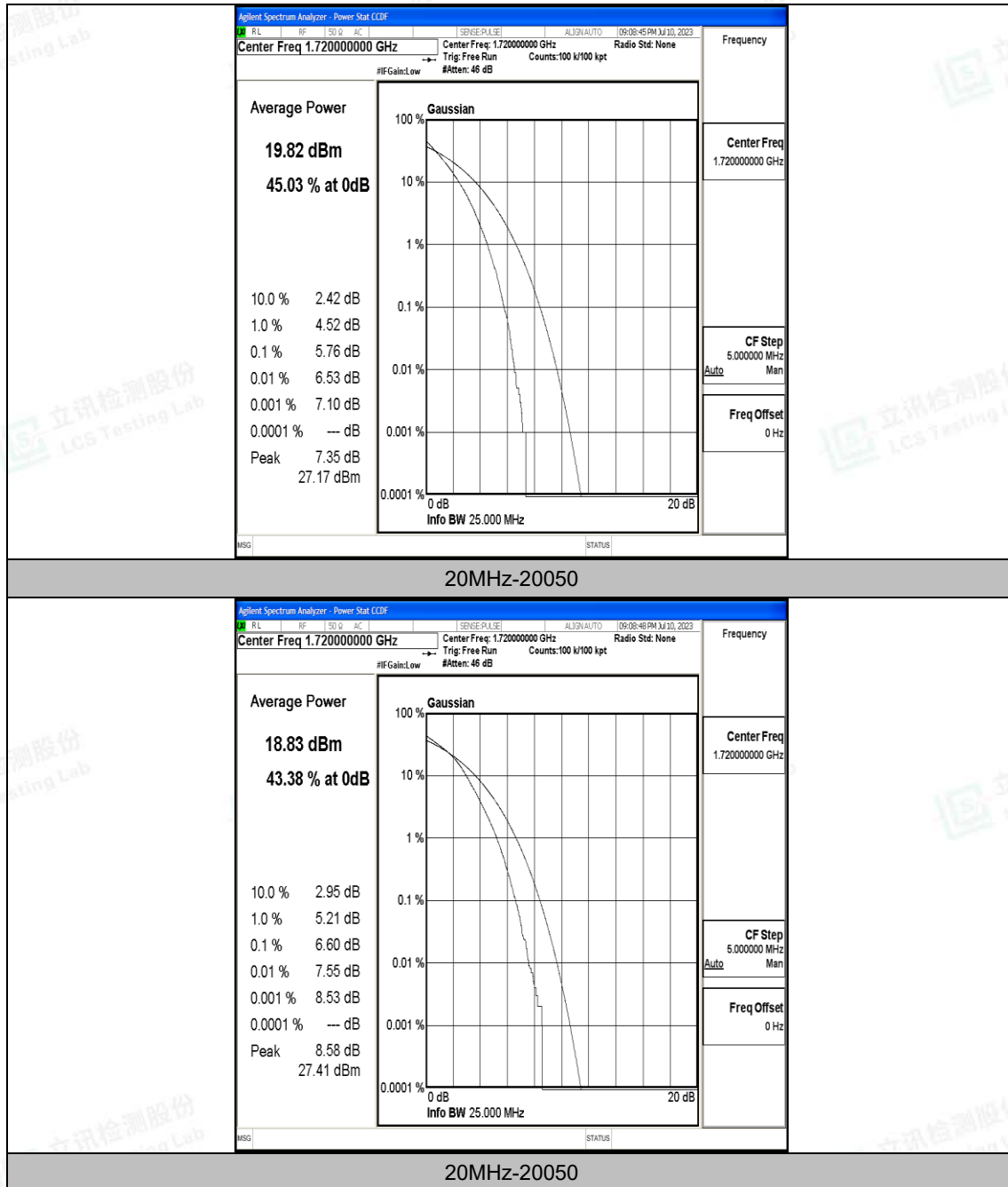


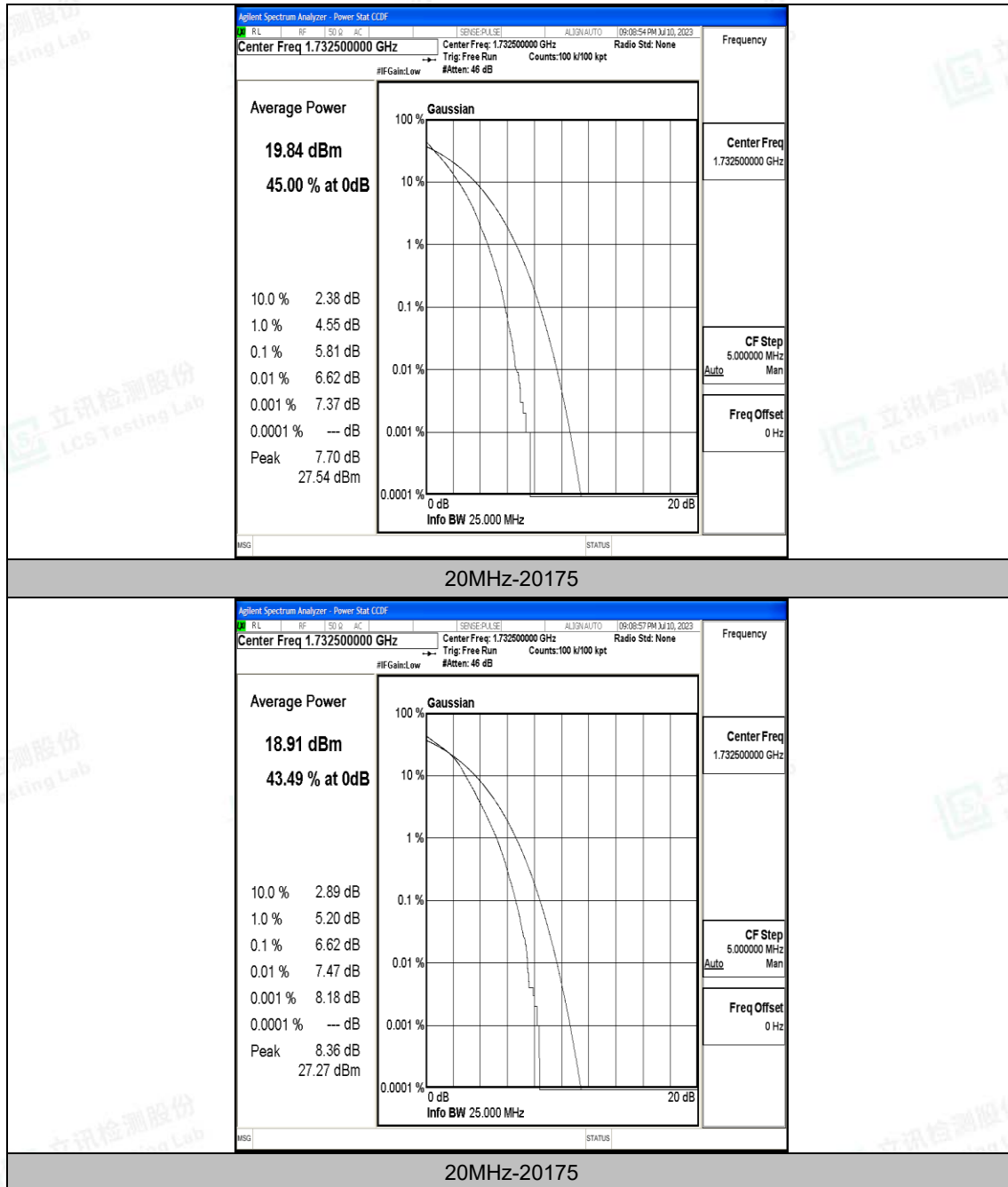


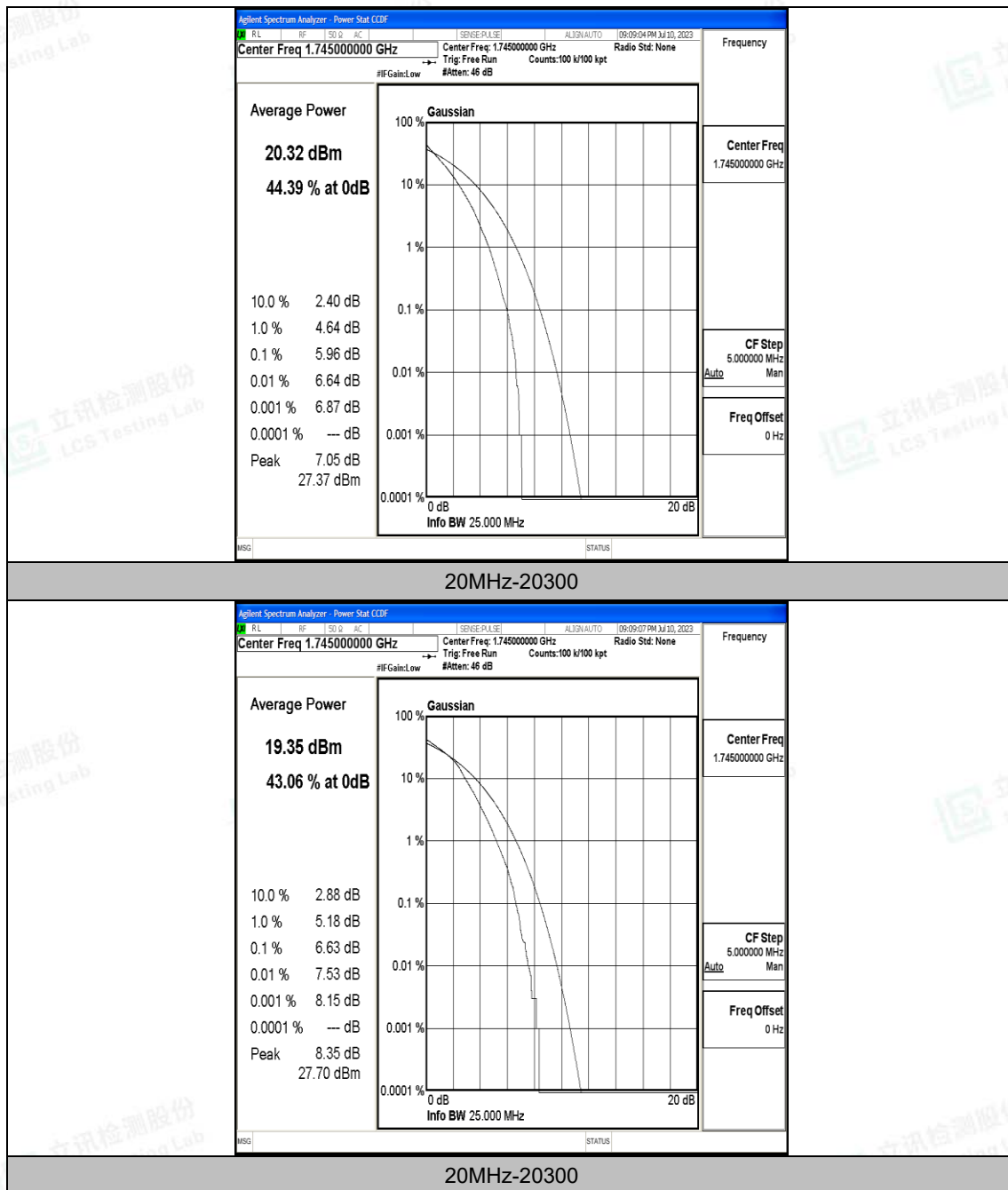












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G.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0867	1.279	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0957	1.273	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0885	1.277	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0979	1.313	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0939	1.282	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0952	1.273	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6848	2.926	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6836	2.887	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6825	2.913	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6860	2.934	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6907	2.909	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6805	2.903	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4947	4.939	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4876	4.884	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5040	4.935	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4920	4.916	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4898	4.913	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4997	4.973	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9903	9.768	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9851	9.713	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9849	9.827	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9823	9.762	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9729	9.808	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9811	9.779	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.478	14.61	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.472	14.58	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.490	14.65	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.478	14.62	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.492	14.66	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.454	14.61	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.937	19.26	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.909	19.36	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.970	19.25	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.915	19.36	PASS



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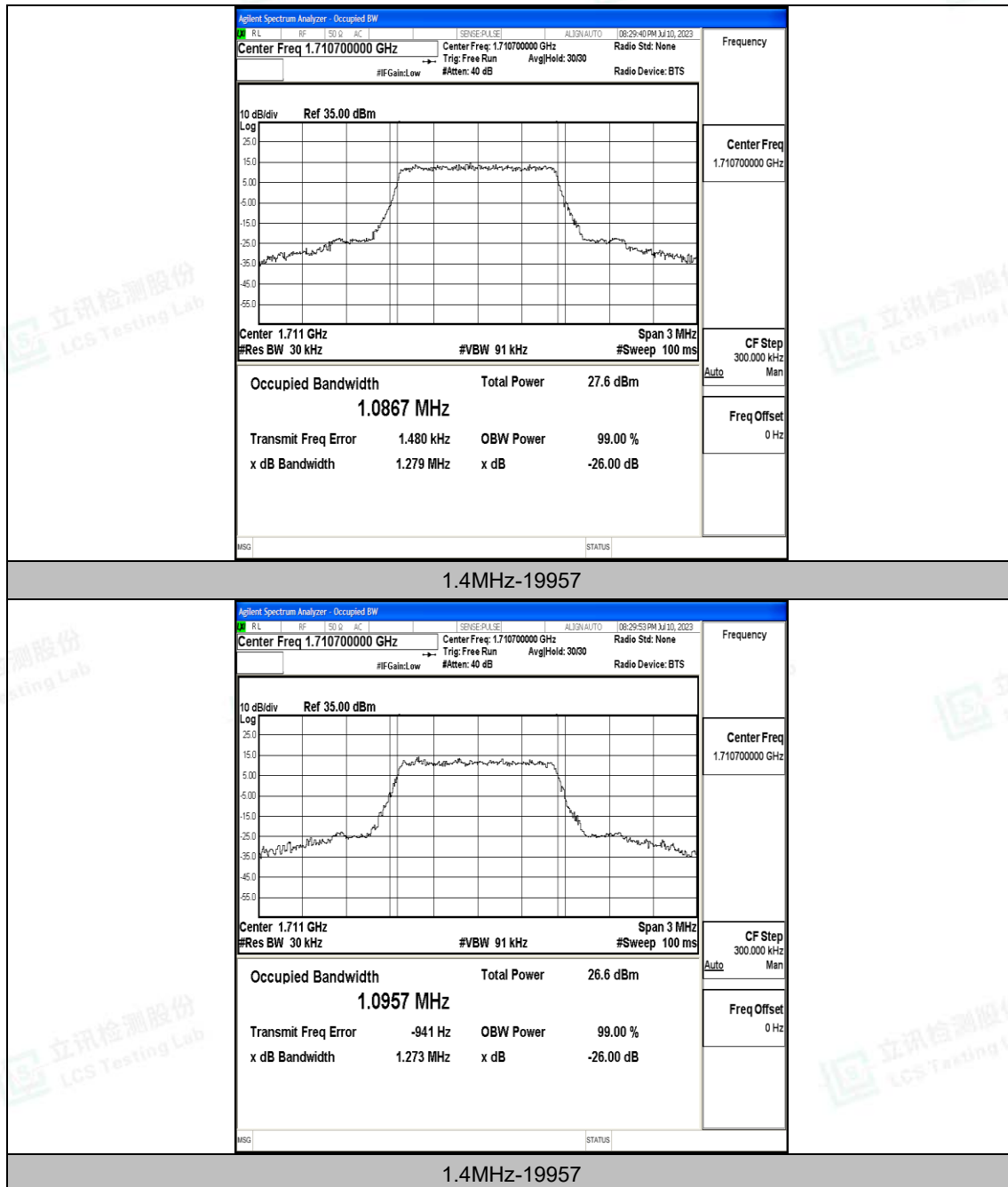
Band4	20MHz	QPSK	20300	100RB#0	17.956	19.56	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.972	20.27	PASS

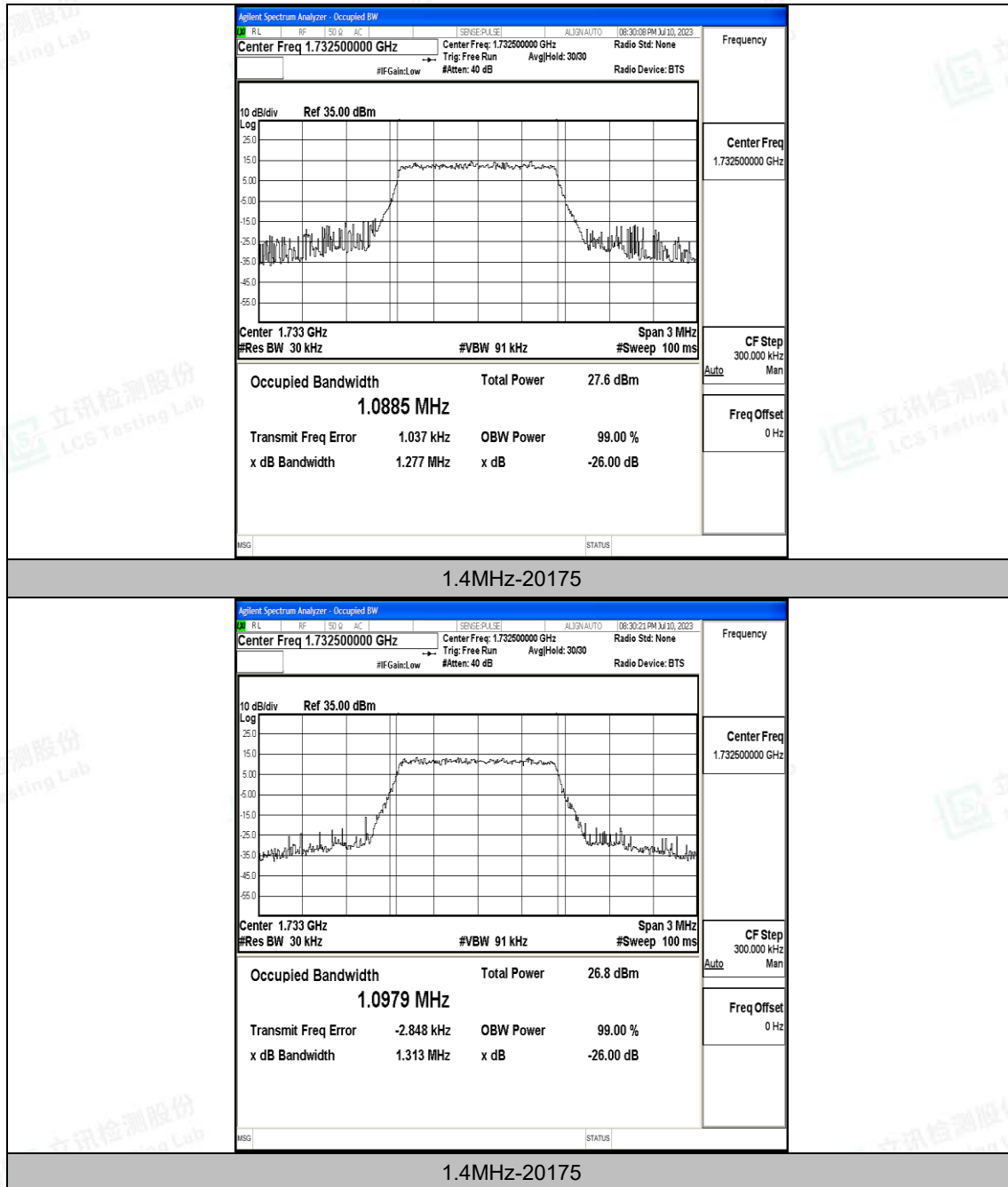


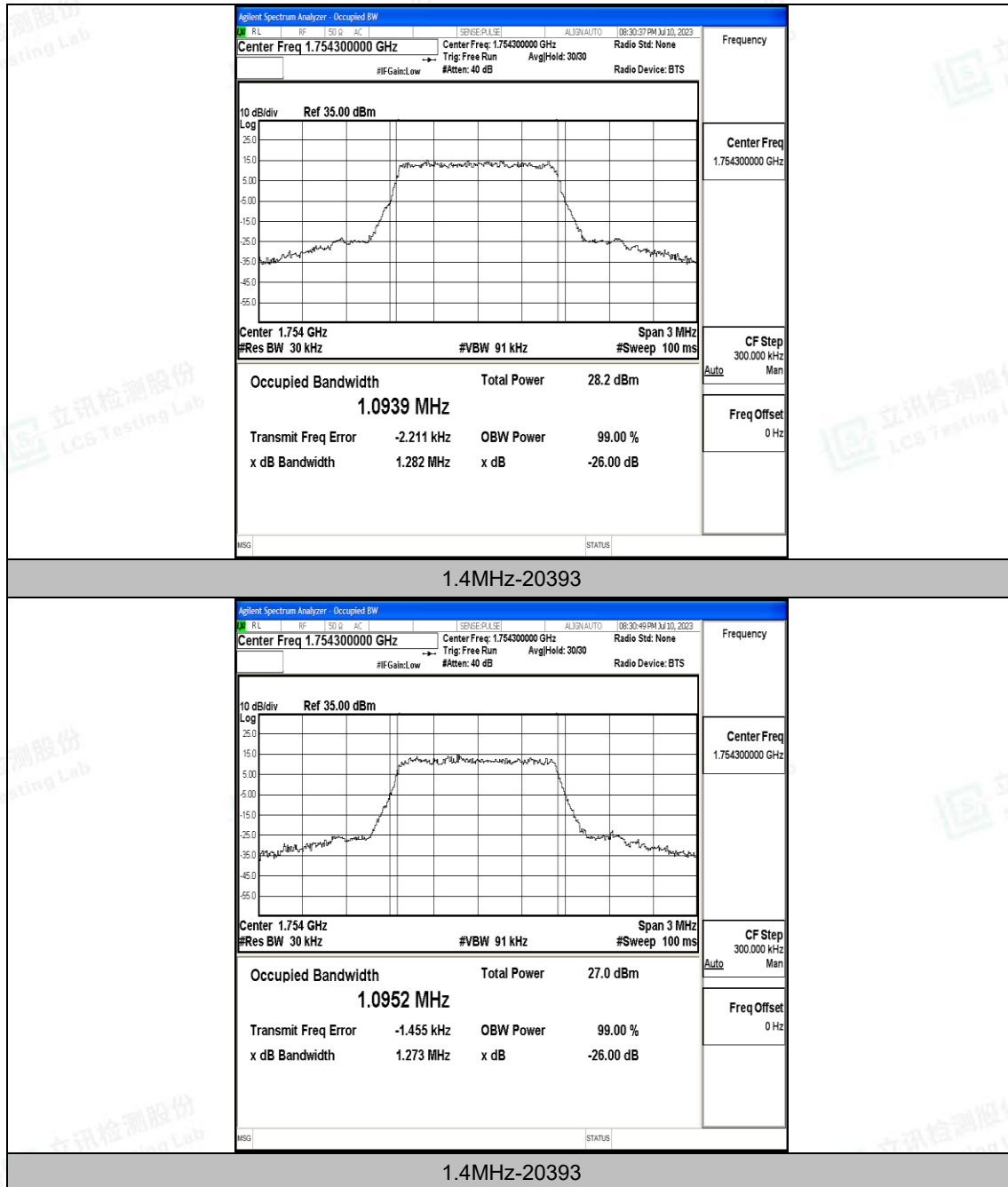
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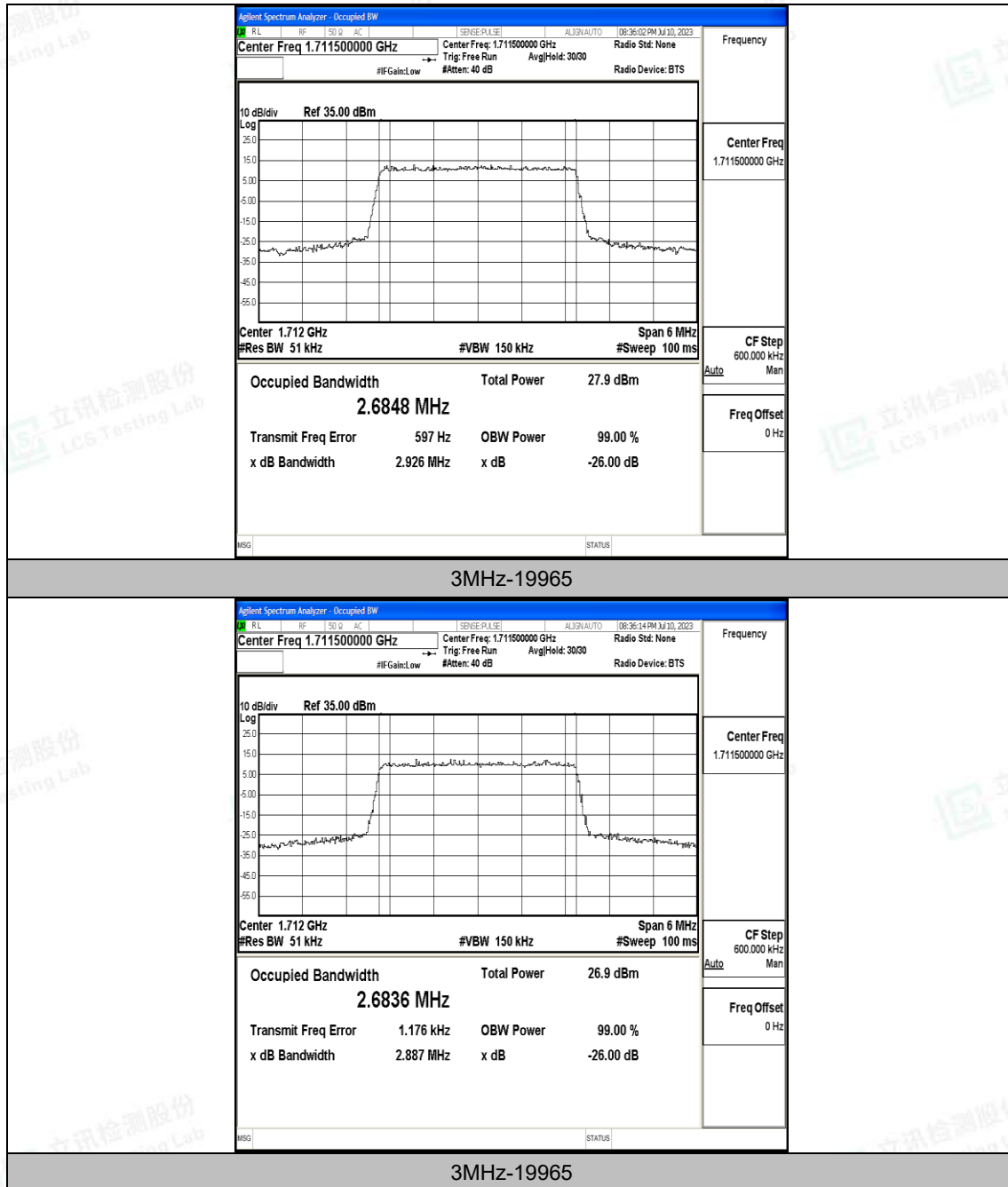


Test Graphs







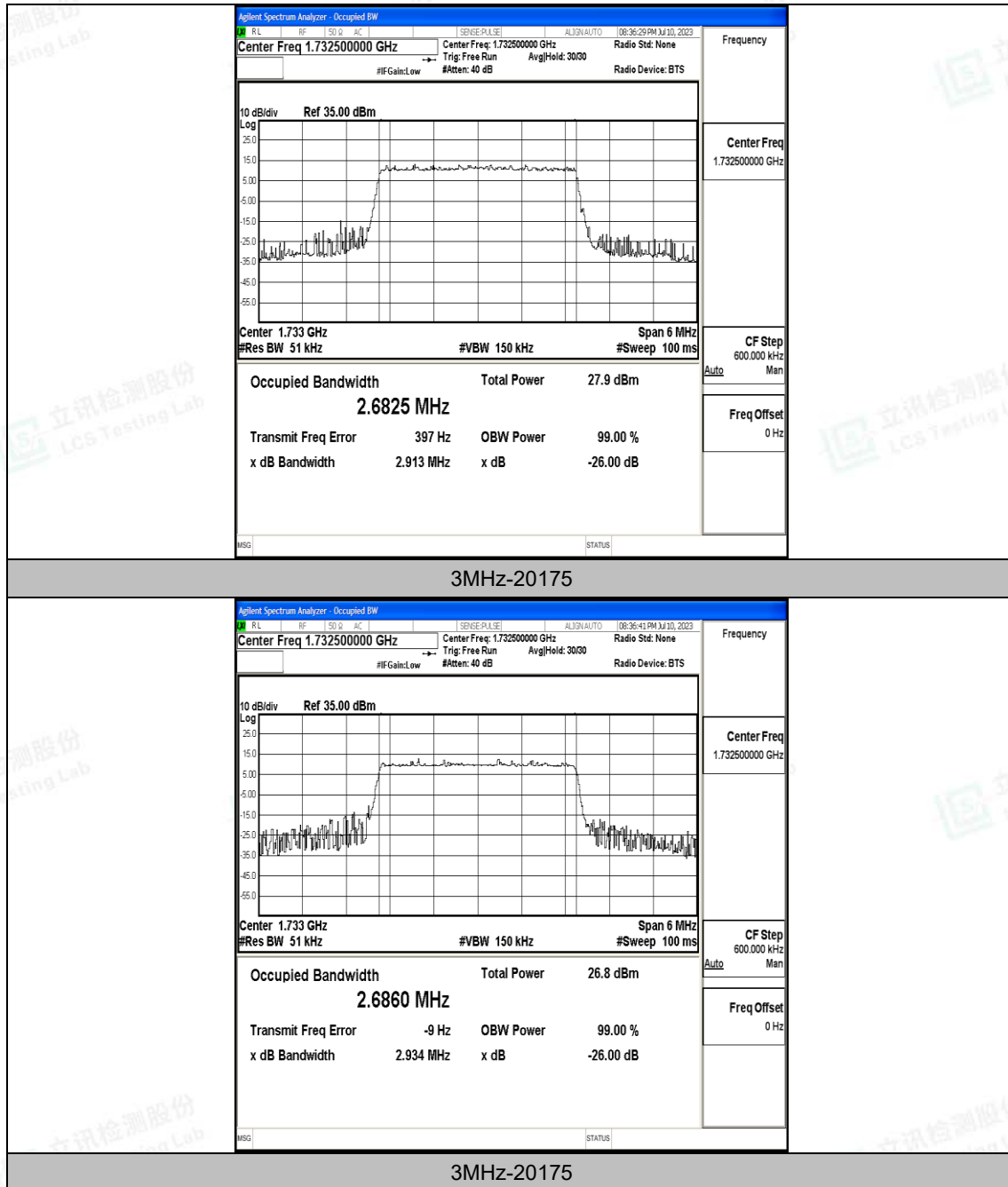


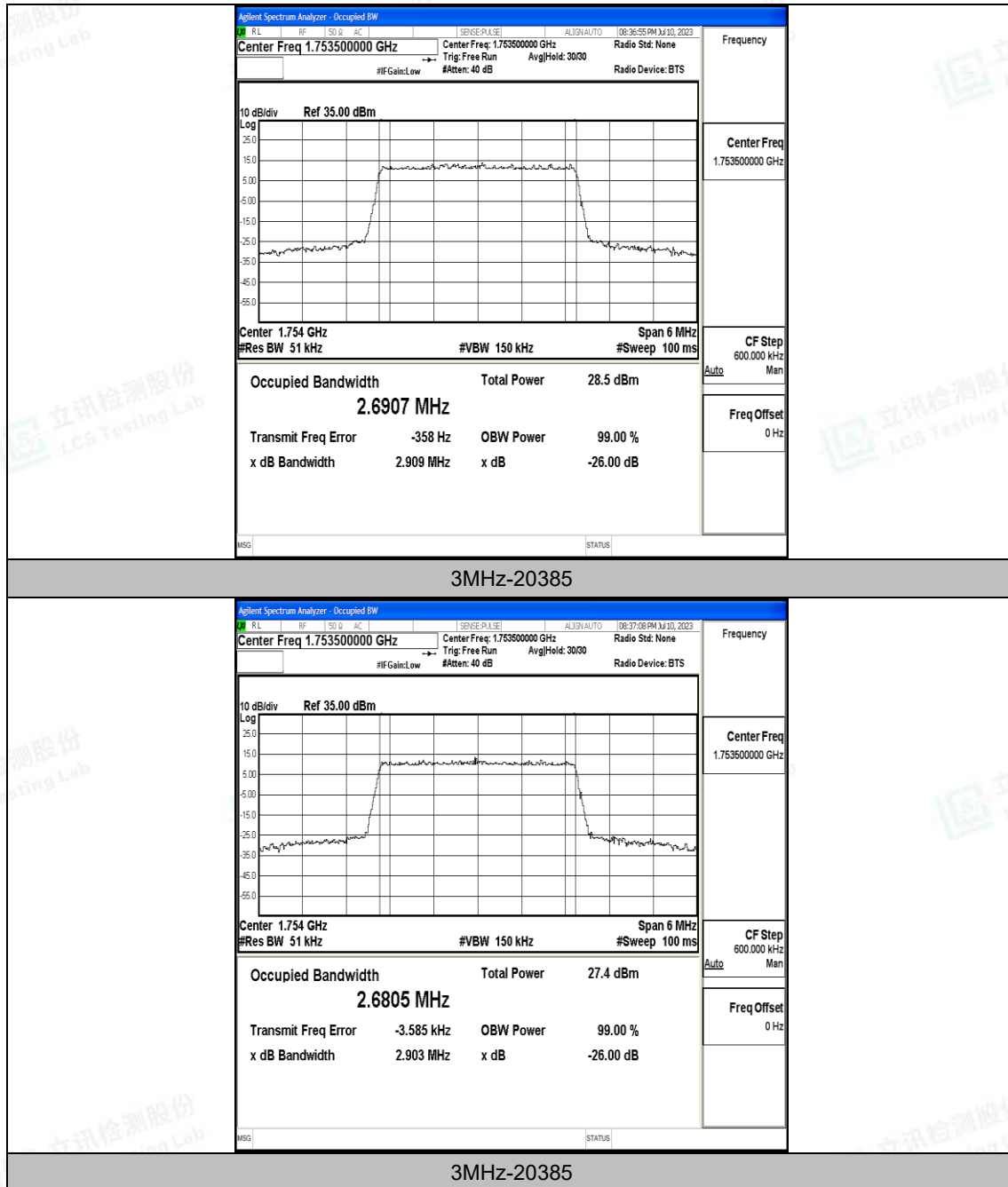
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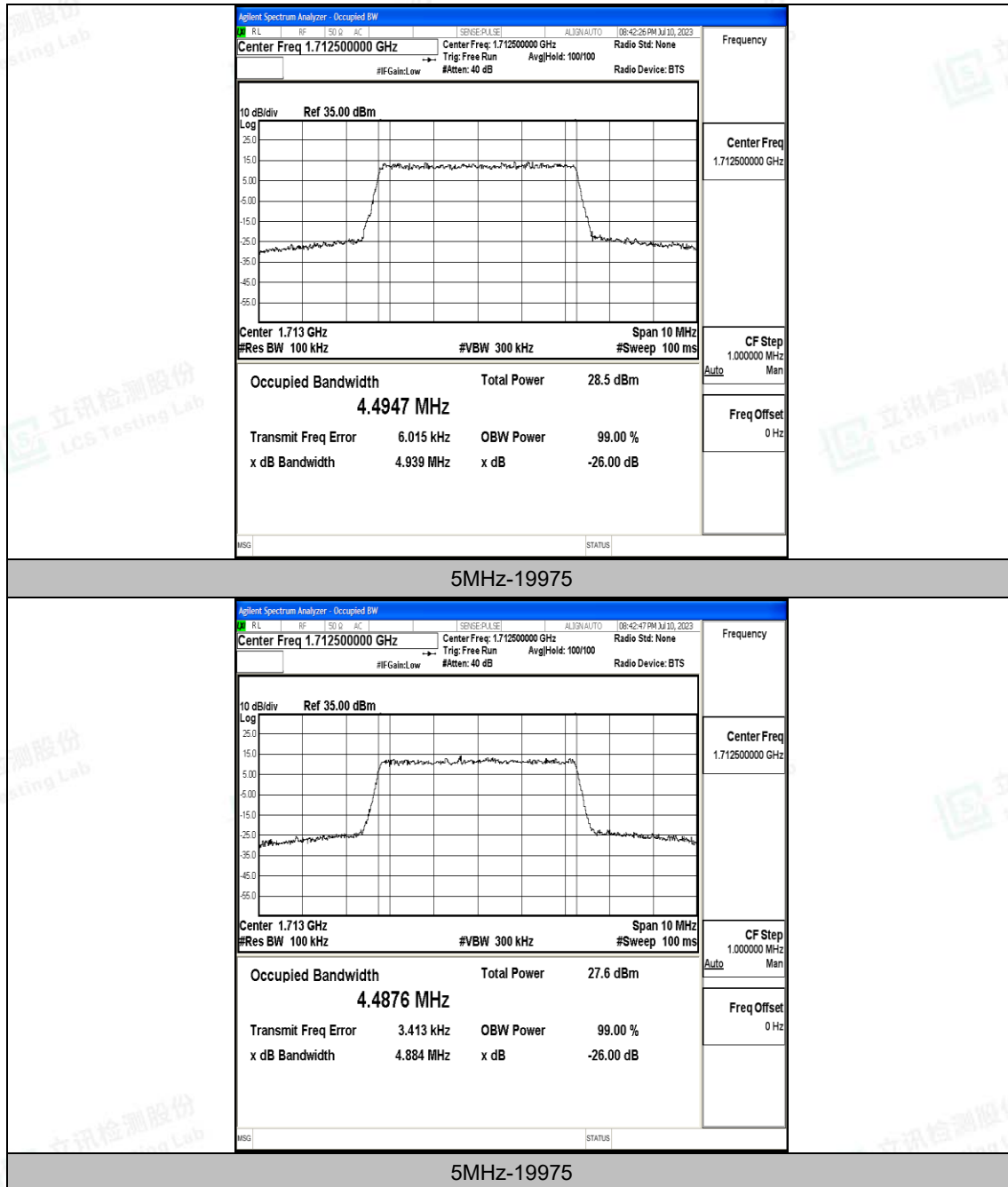
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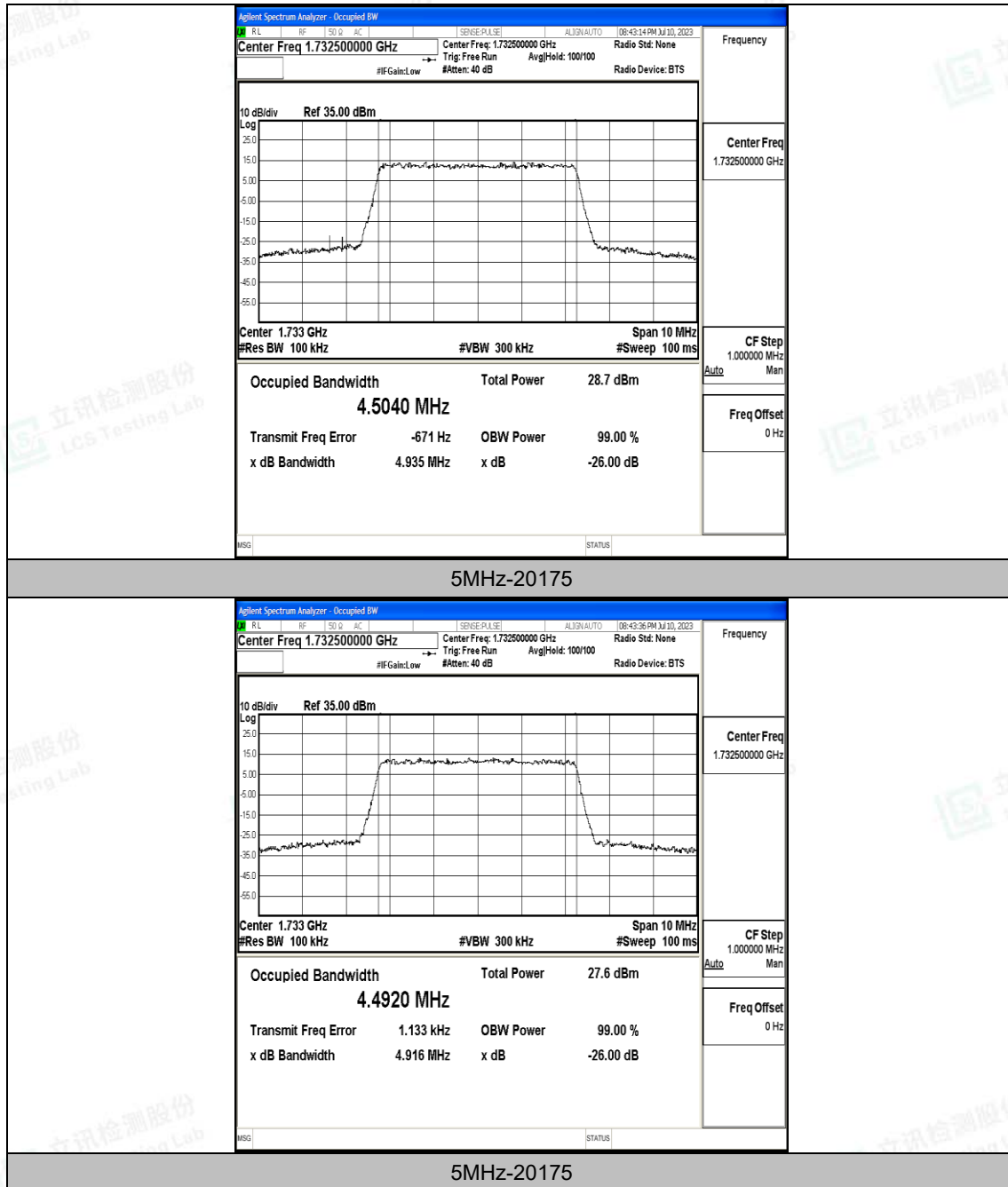


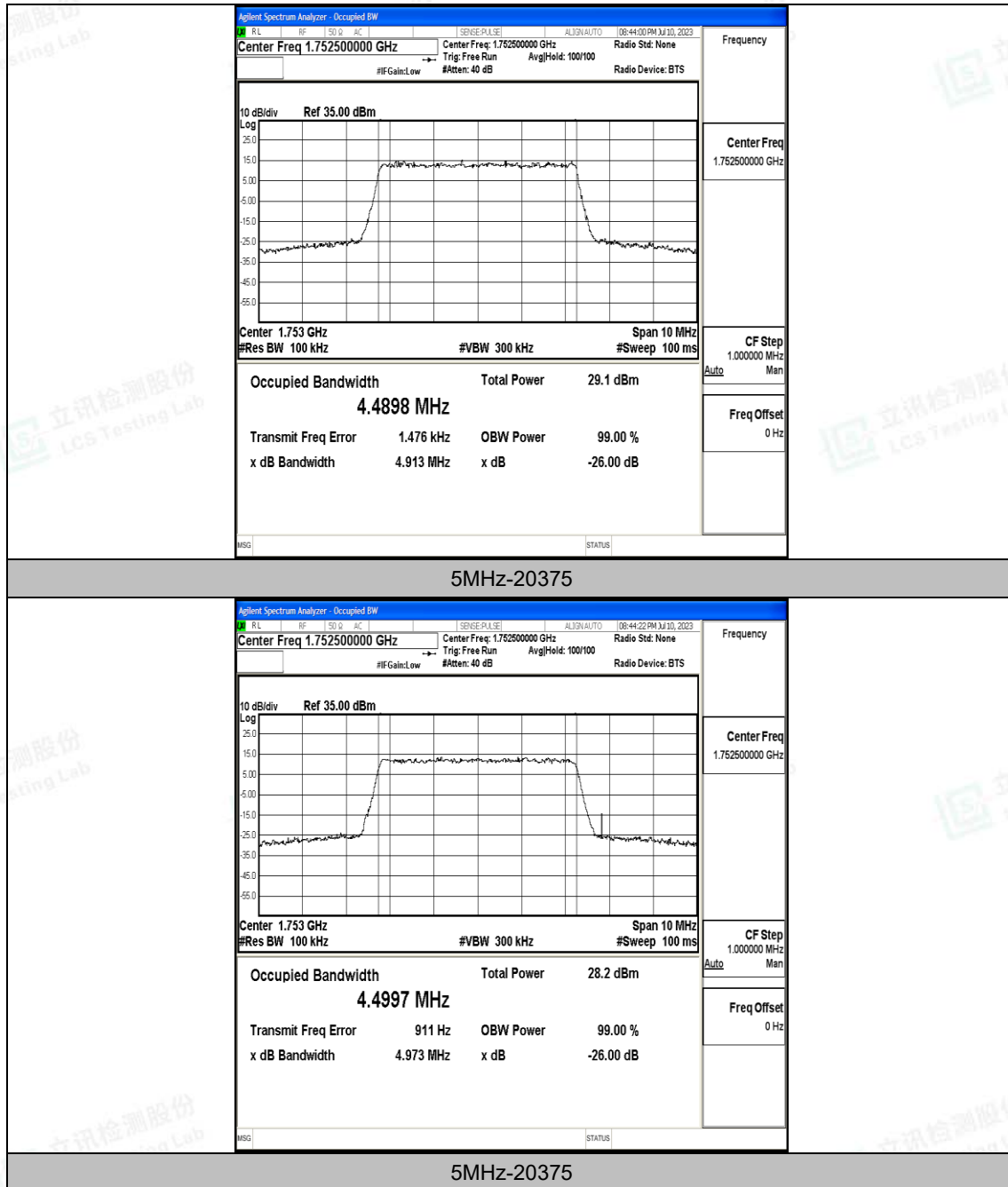
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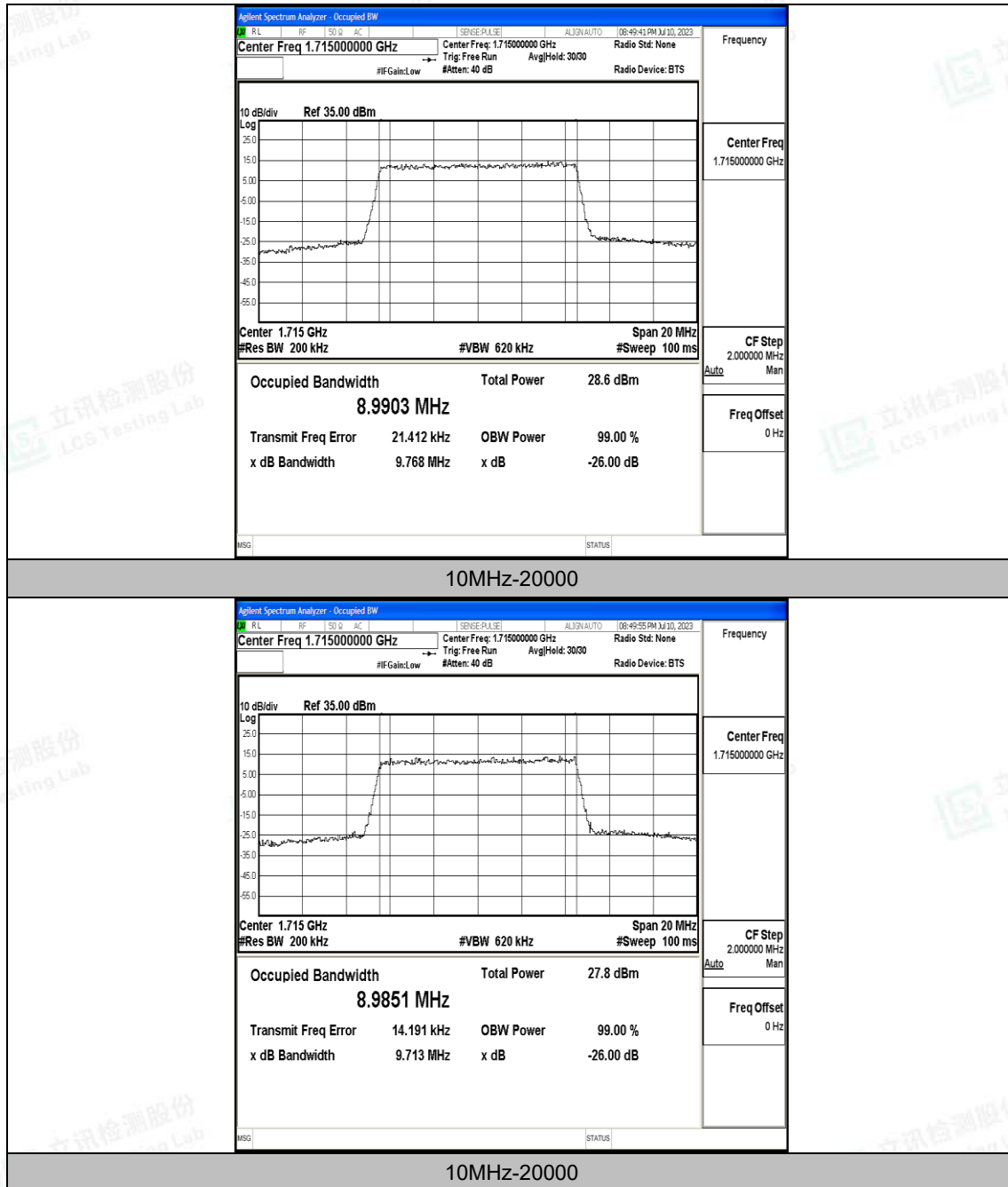


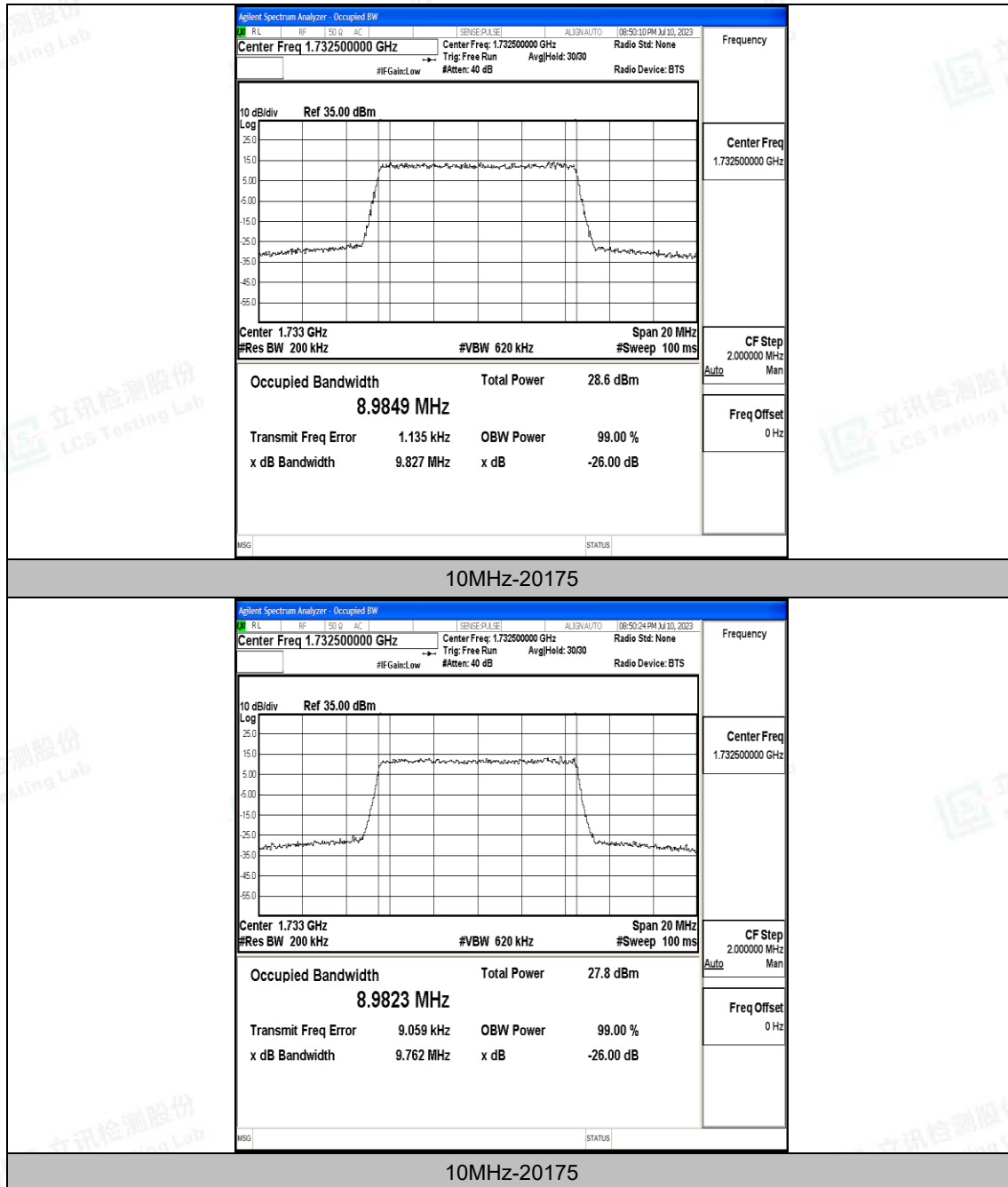
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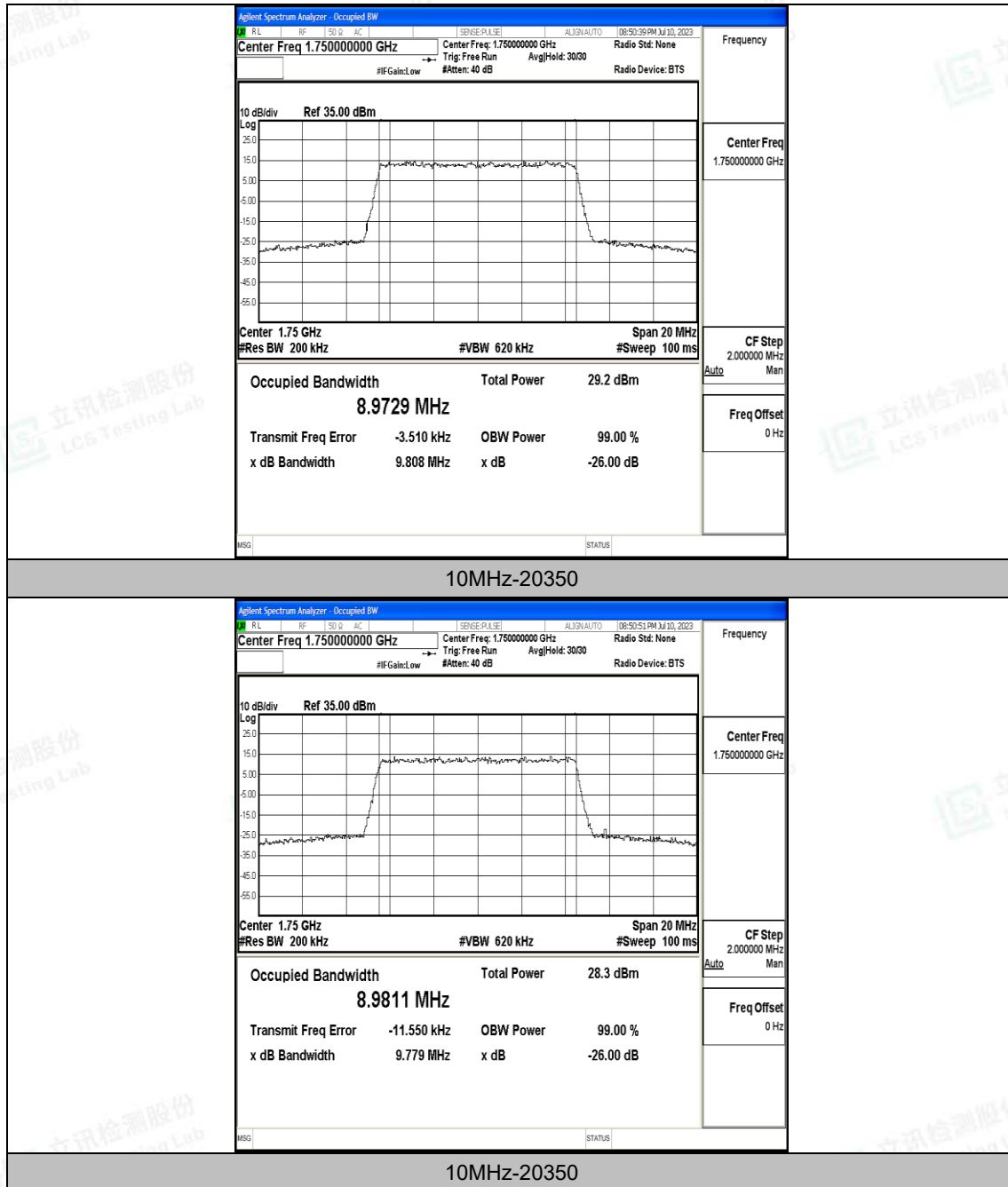
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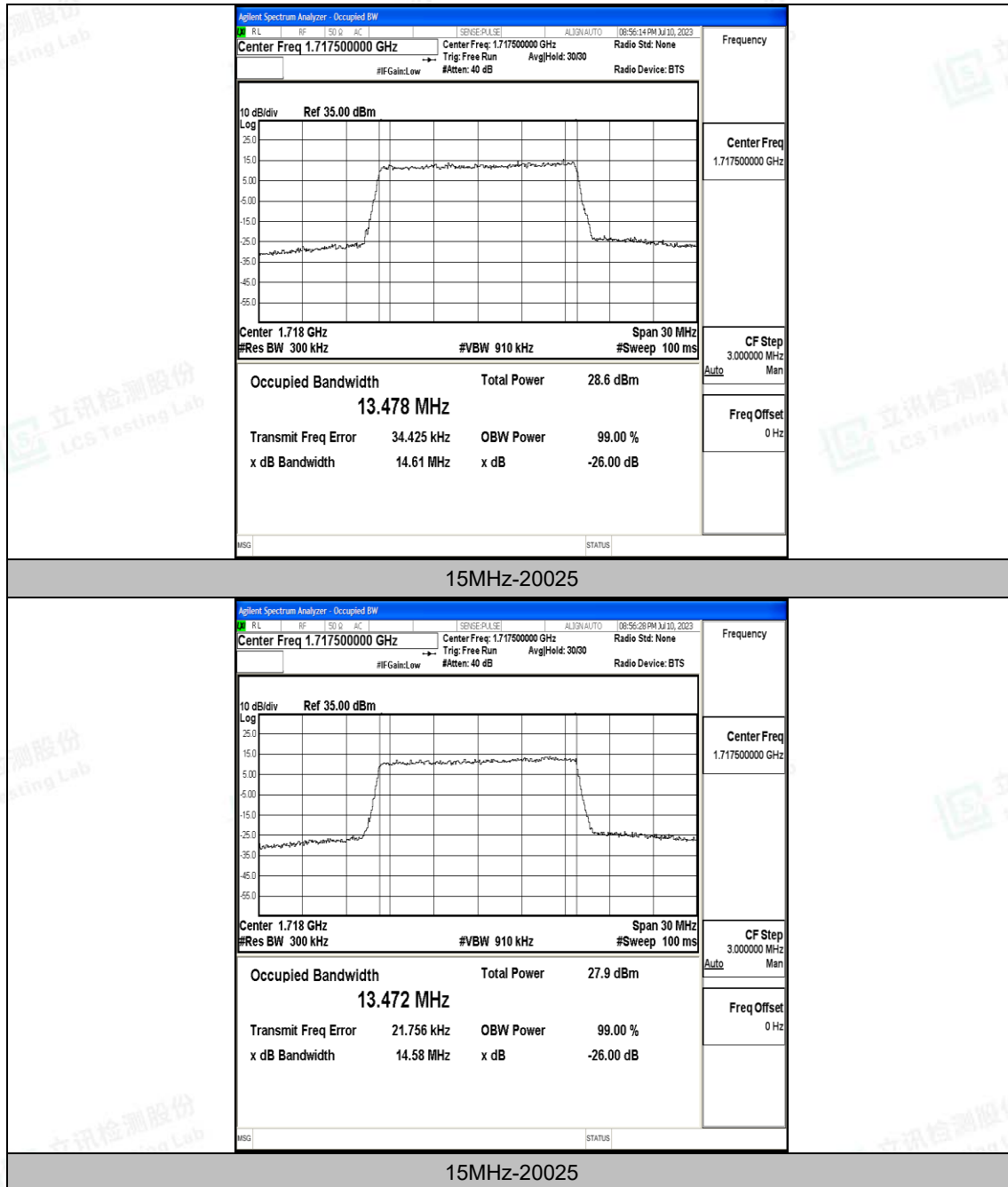


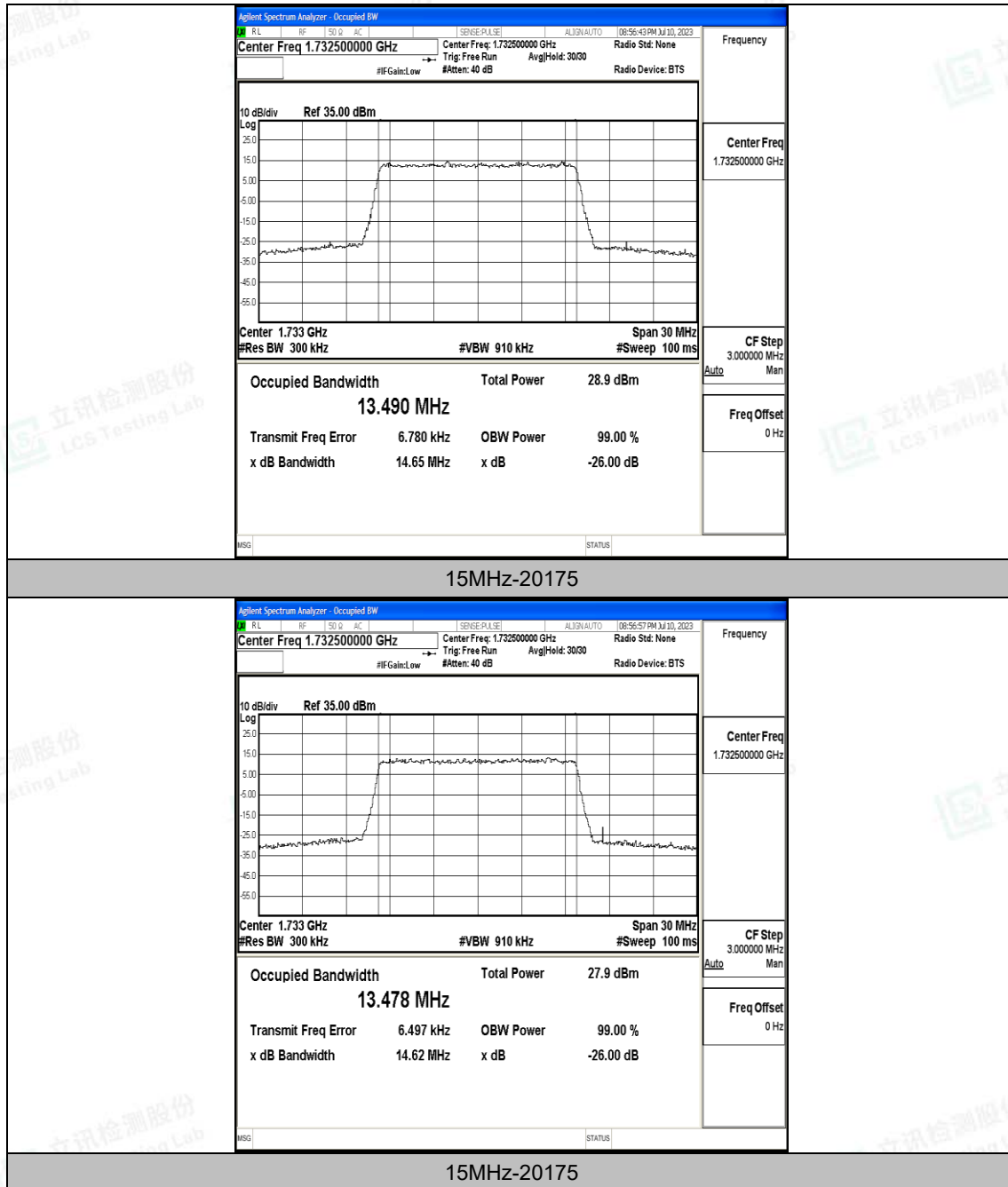
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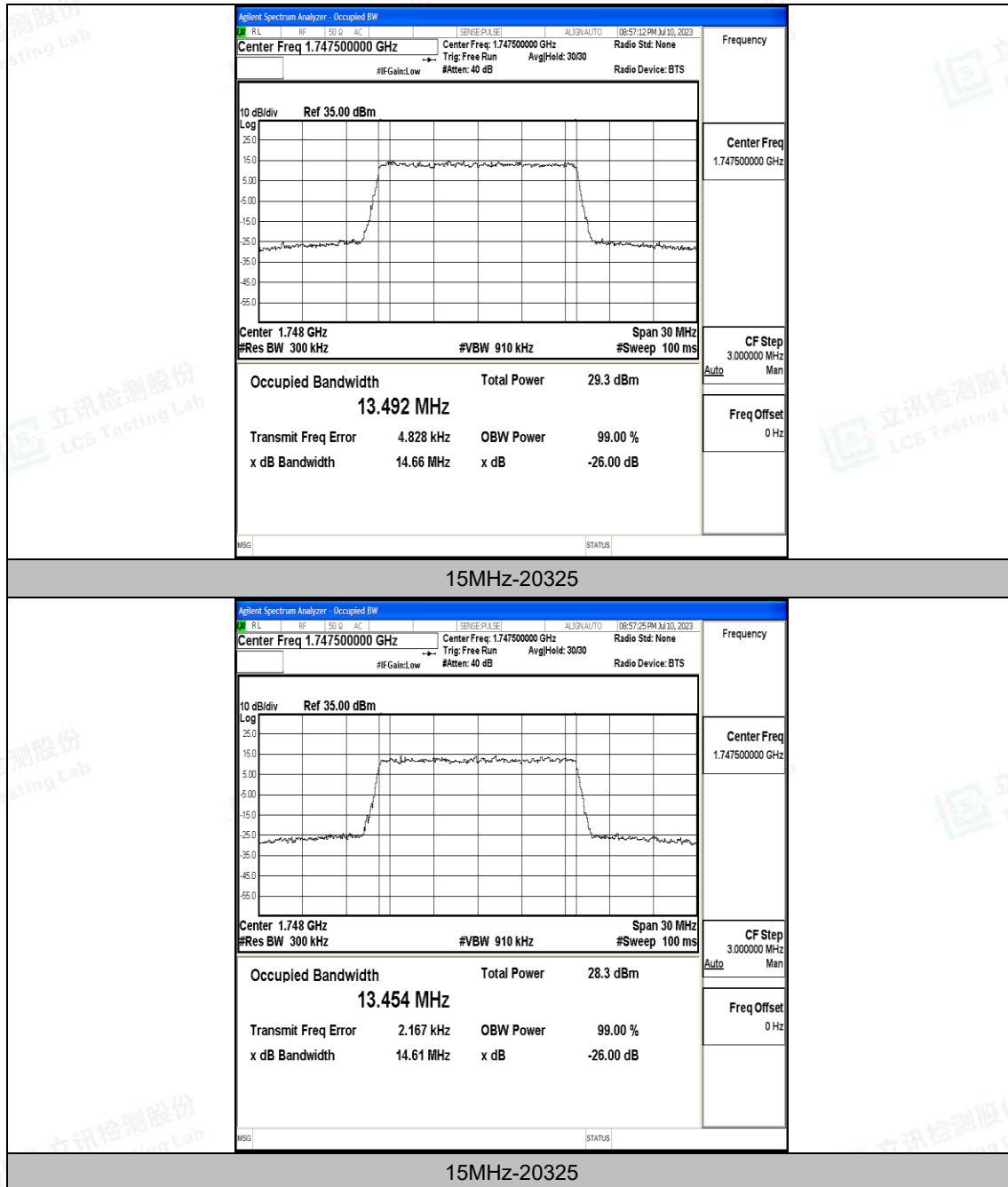
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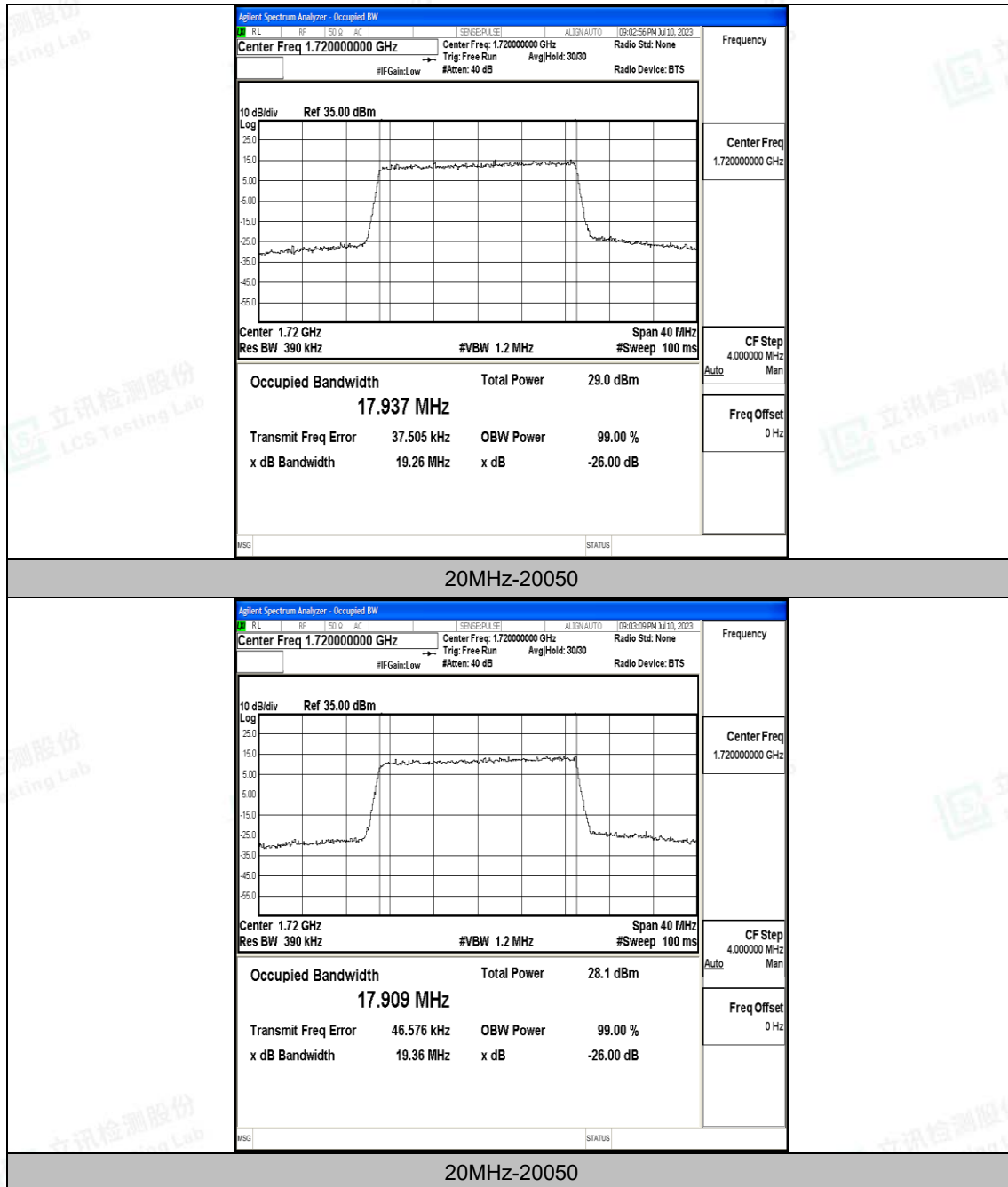


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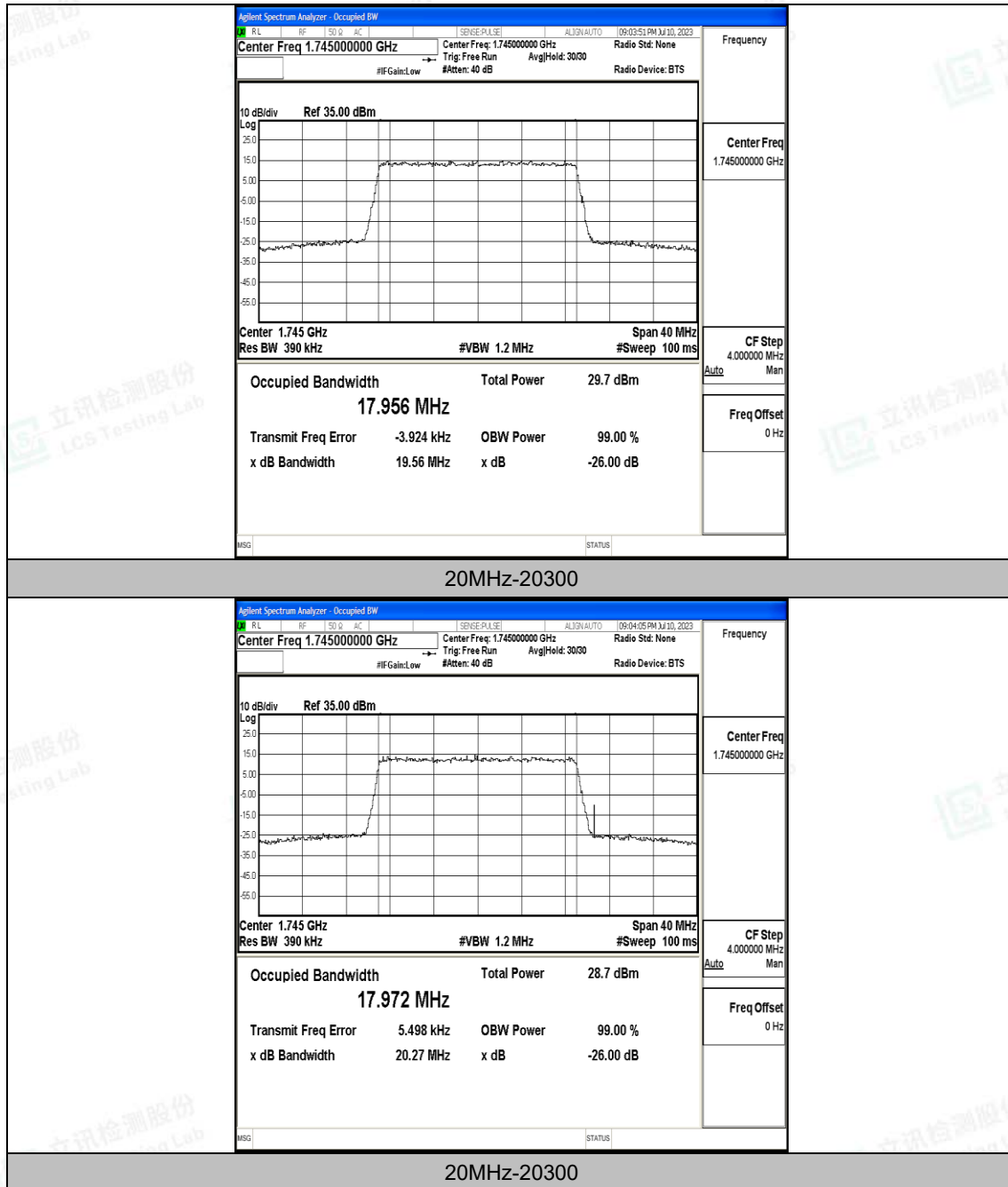


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G.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1708.96	-46.62	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1708.97	-49.41	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1756.02	-47.52	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1756.00	-48.46	PASS
Band4	3MHz	QPSK	19965	15RB#0	1708.95	-38.43	PASS
Band4	3MHz	16QAM	19965	15RB#0	1708.98	-38.50	PASS
Band4	3MHz	QPSK	20385	15RB#0	1756.03	-39.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	1756.06	-39.33	PASS
Band4	5MHz	QPSK	19975	25RB#0	1708.91	-37.43	PASS
Band4	5MHz	16QAM	19975	25RB#0	1708.97	-37.67	PASS
Band4	5MHz	QPSK	20375	25RB#0	1756.06	-37.89	PASS
Band4	5MHz	16QAM	20375	25RB#0	1756.22	-38.24	PASS
Band4	10MHz	QPSK	20000	50RB#0	1709.00	-37.24	PASS
Band4	10MHz	16QAM	20000	50RB#0	1708.92	-37.95	PASS
Band4	10MHz	QPSK	20350	50RB#0	1756.22	-37.54	PASS
Band4	10MHz	16QAM	20350	50RB#0	1756.14	-37.71	PASS
Band4	15MHz	QPSK	20025	75RB#0	1708.73	-38.26	PASS
Band4	15MHz	16QAM	20025	75RB#0	1708.87	-38.64	PASS
Band4	15MHz	QPSK	20325	75RB#0	1756.17	-36.82	PASS
Band4	15MHz	16QAM	20325	75RB#0	1756.17	-37.17	PASS
Band4	20MHz	QPSK	20050	100RB#0	1708.79	-38.68	PASS
Band4	20MHz	16QAM	20050	100RB#0	1708.81	-39.25	PASS
Band4	20MHz	QPSK	20300	100RB#0	1756.36	-37.21	PASS
Band4	20MHz	16QAM	20300	100RB#0	1756.38	-37.80	PASS



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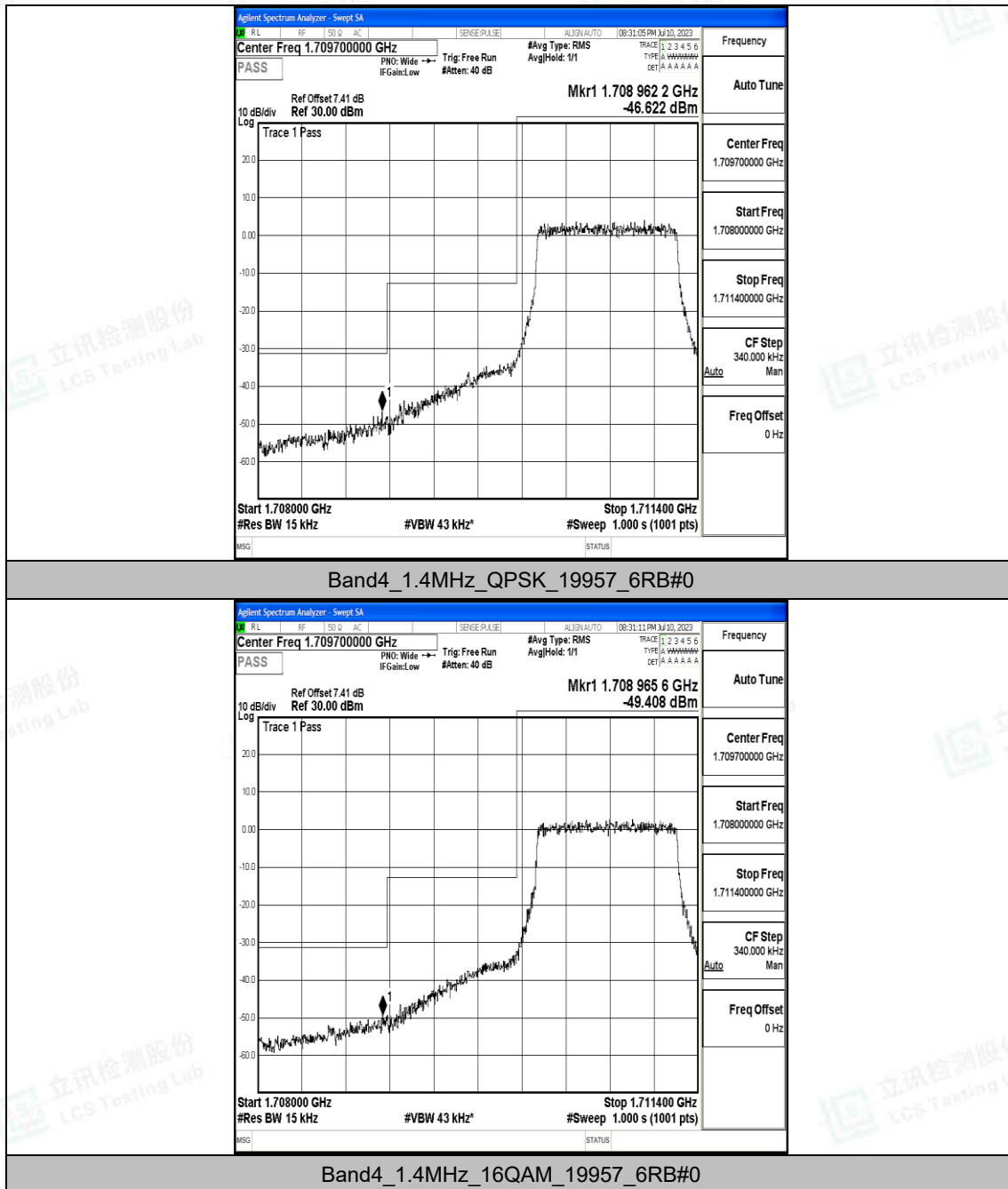
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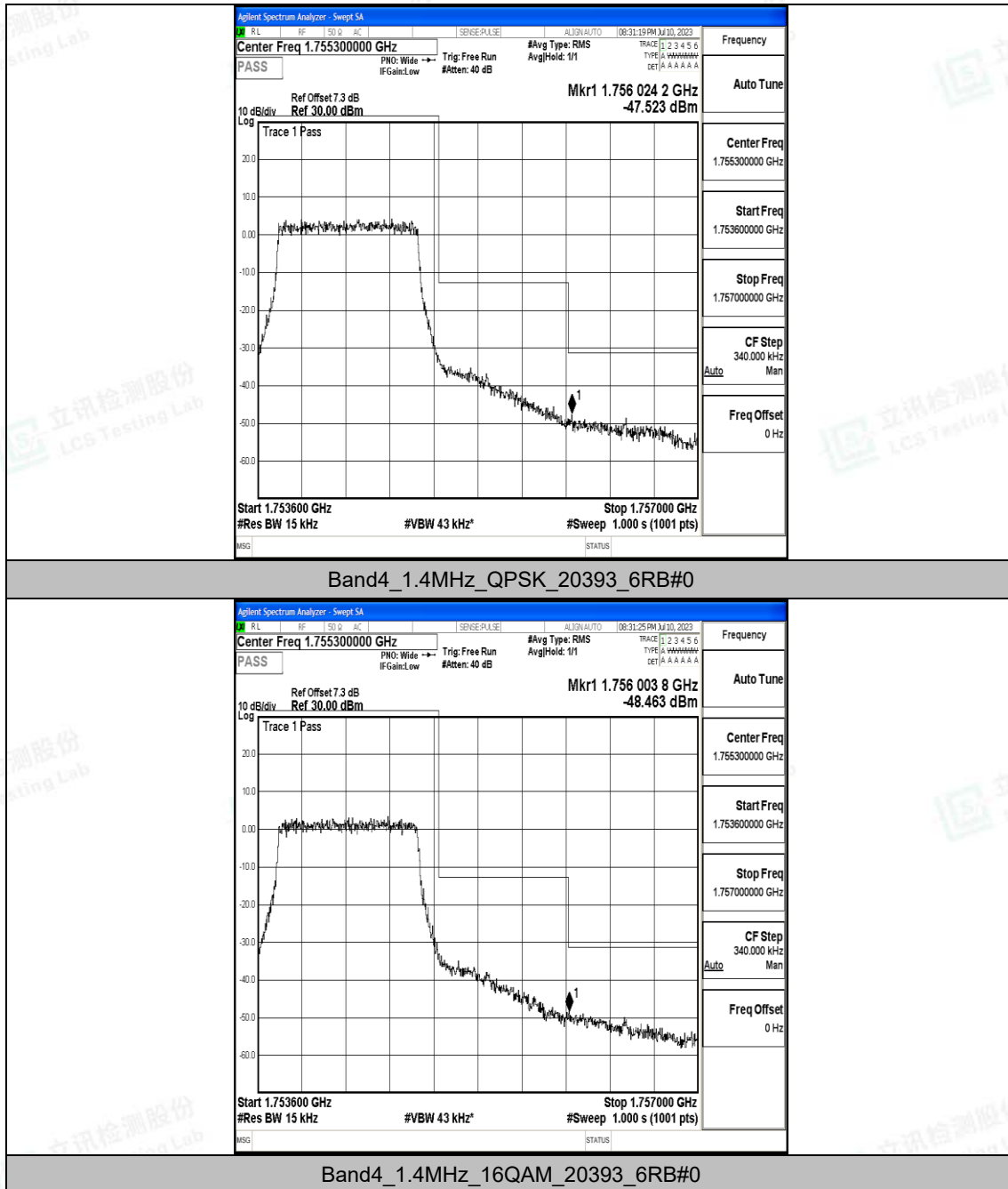
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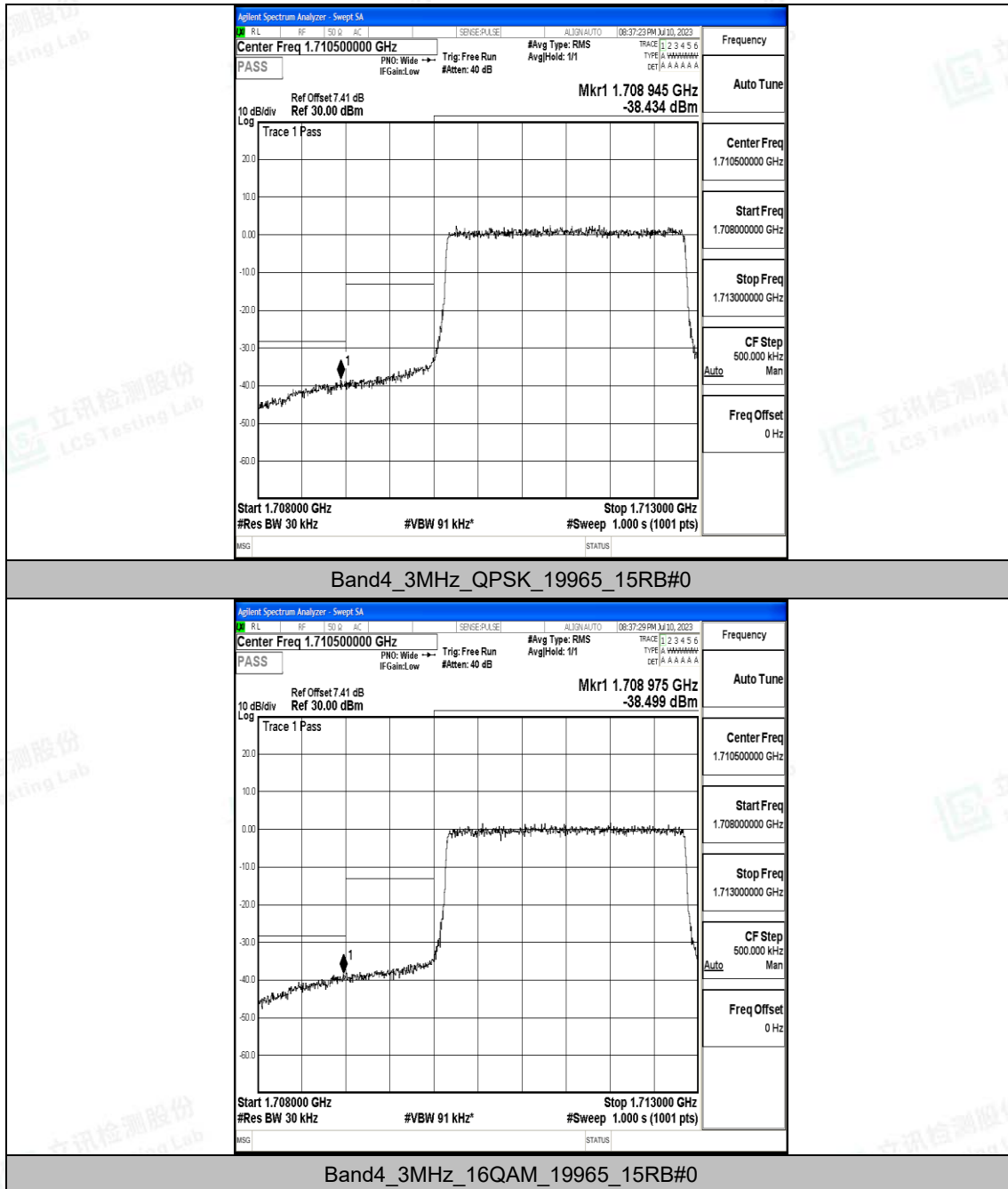
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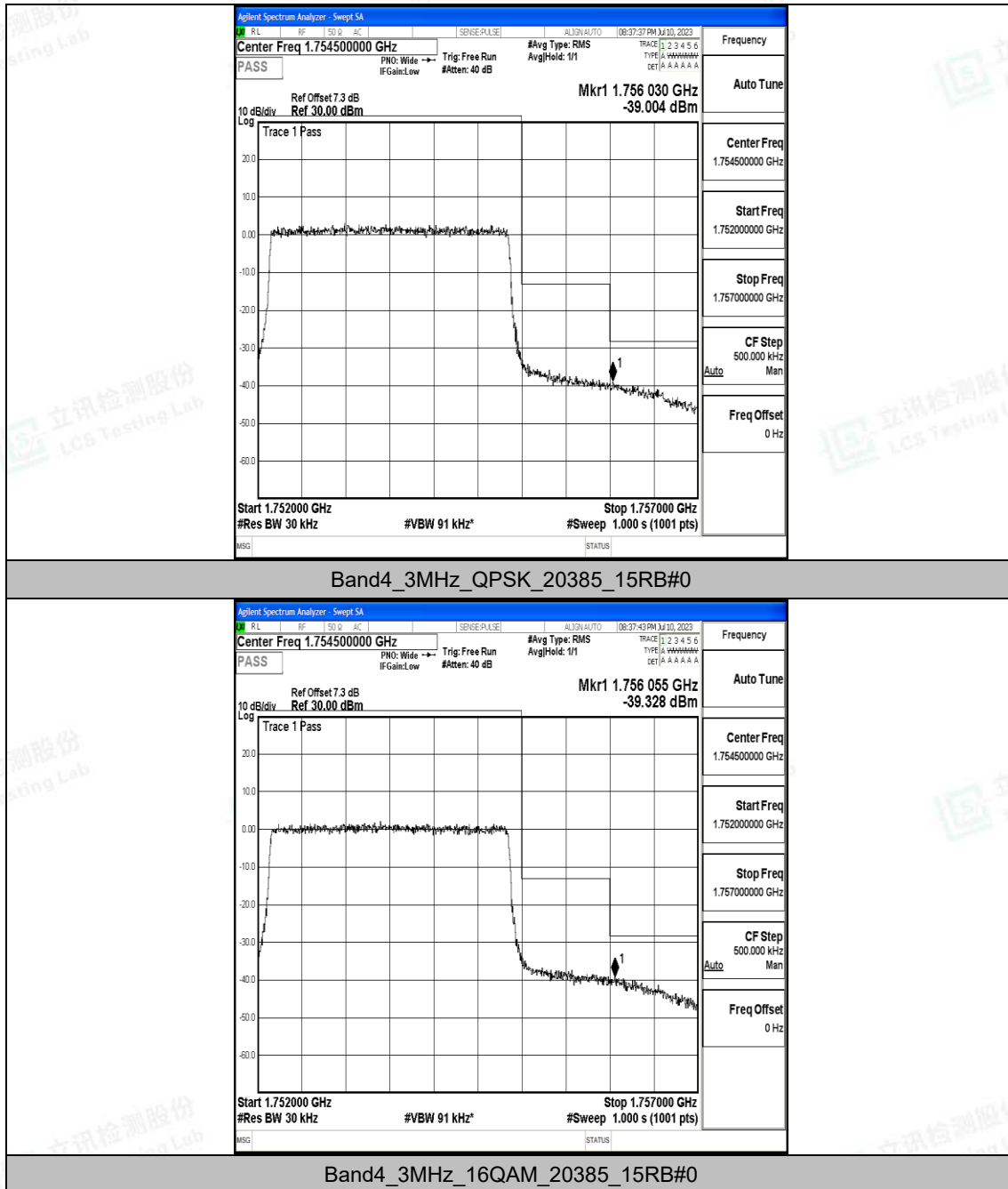


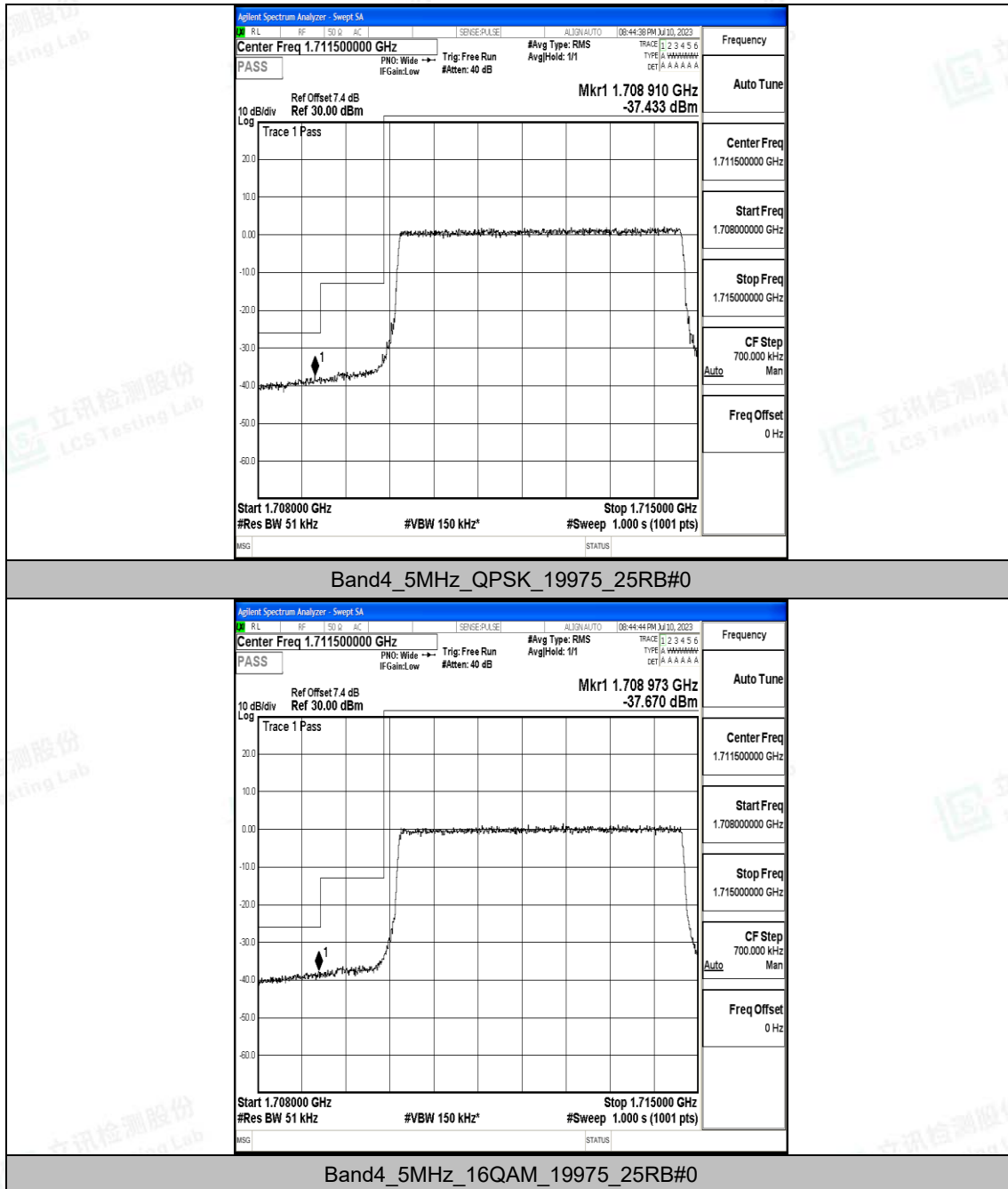
Test Graphs

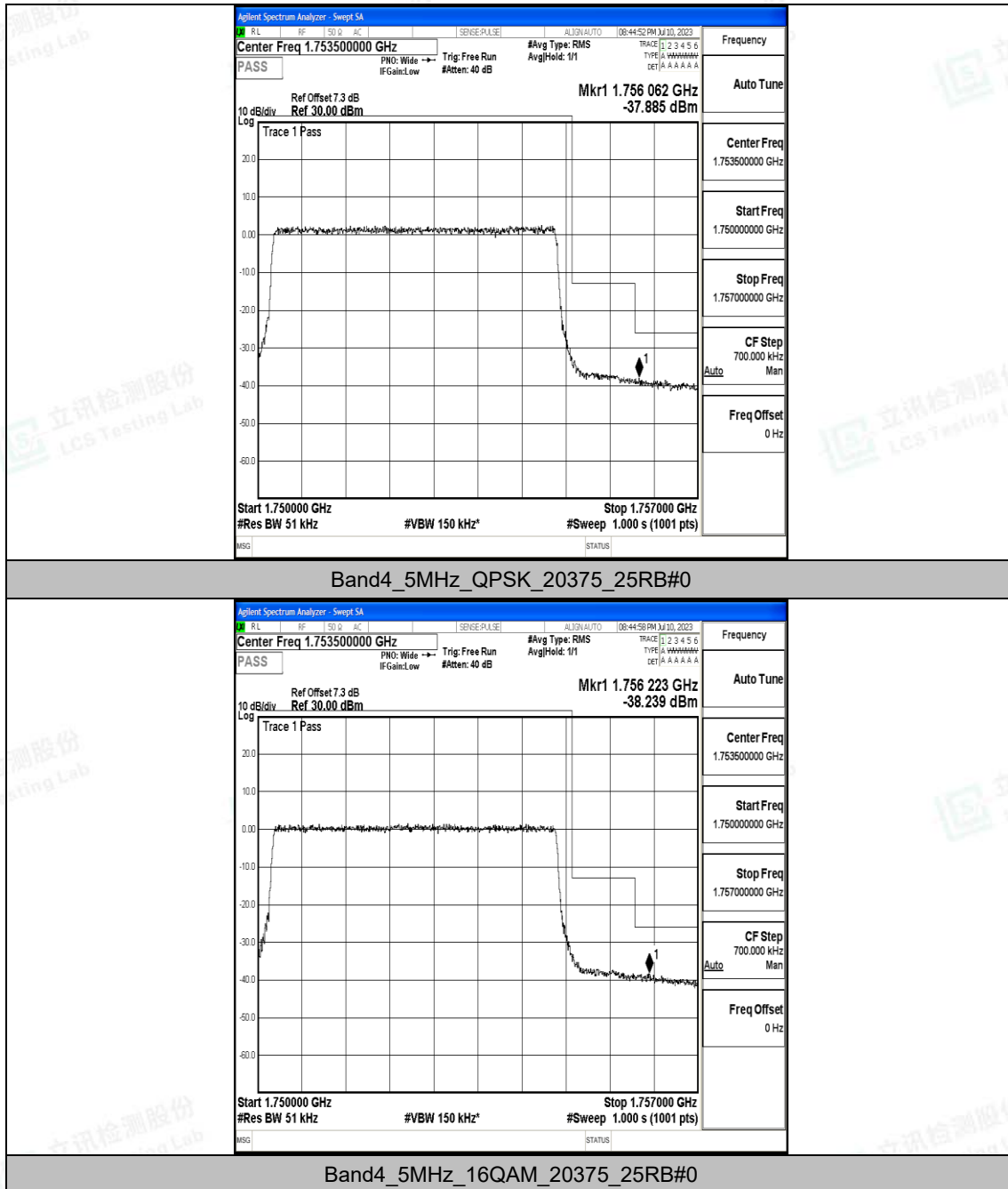


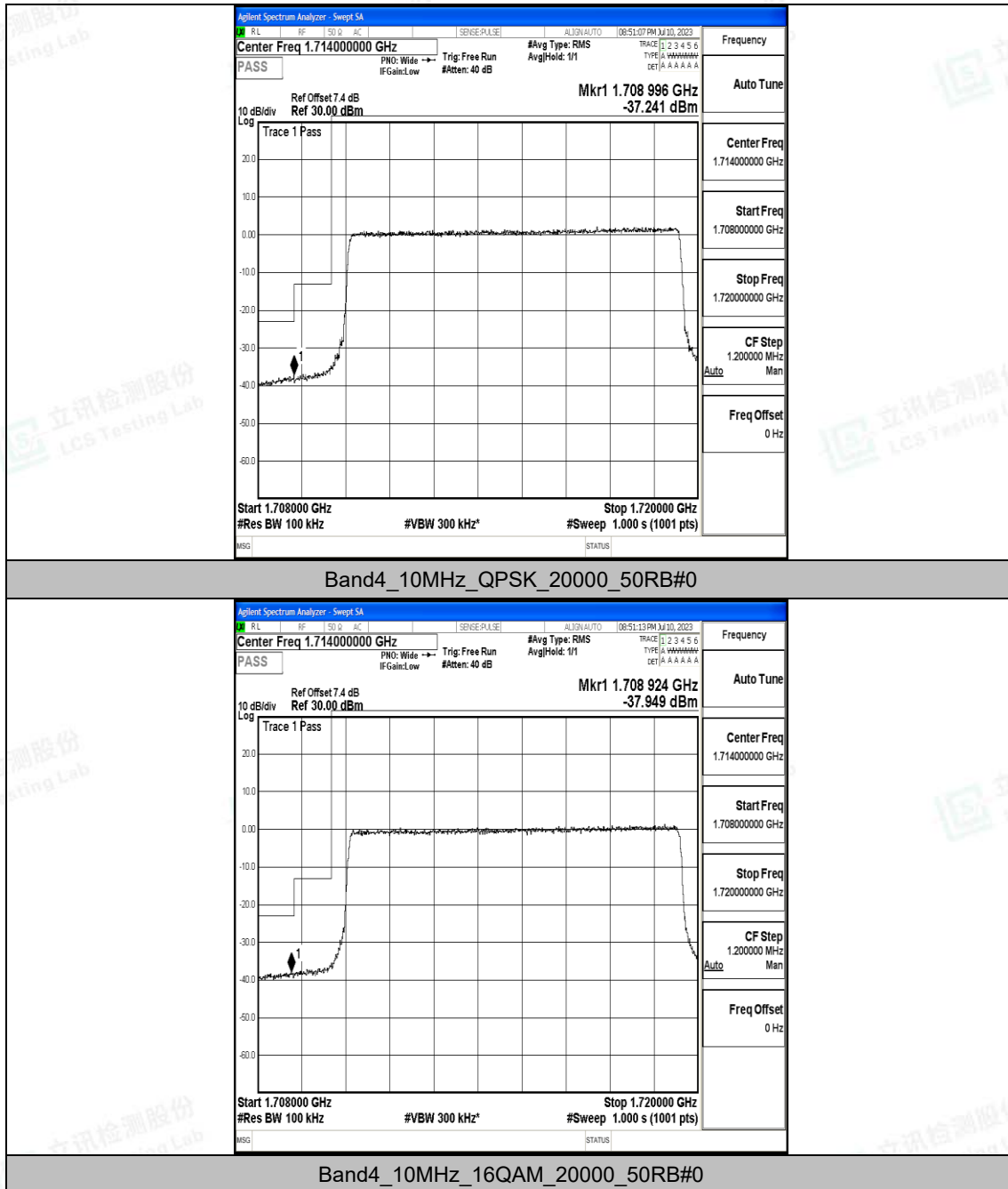


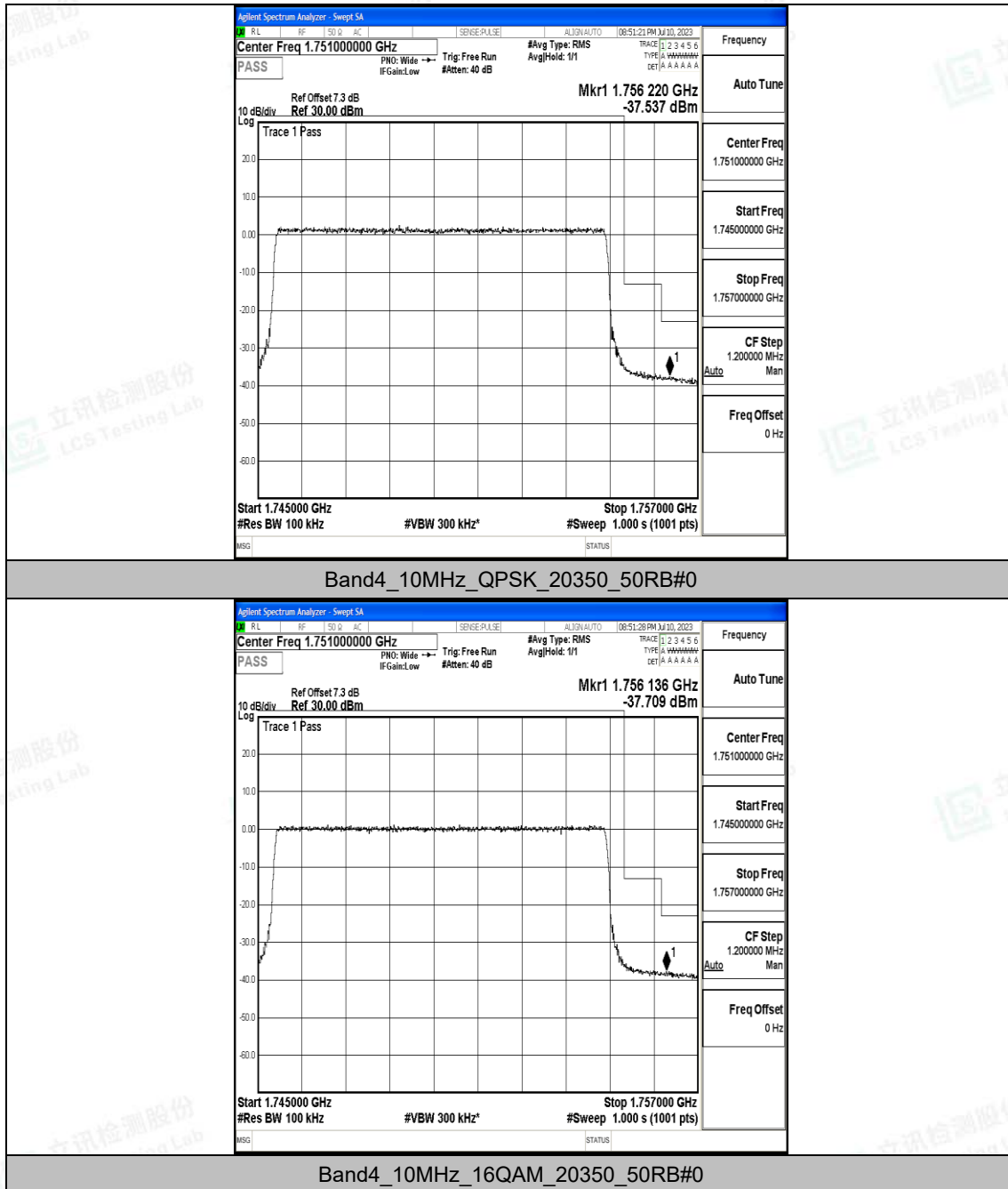


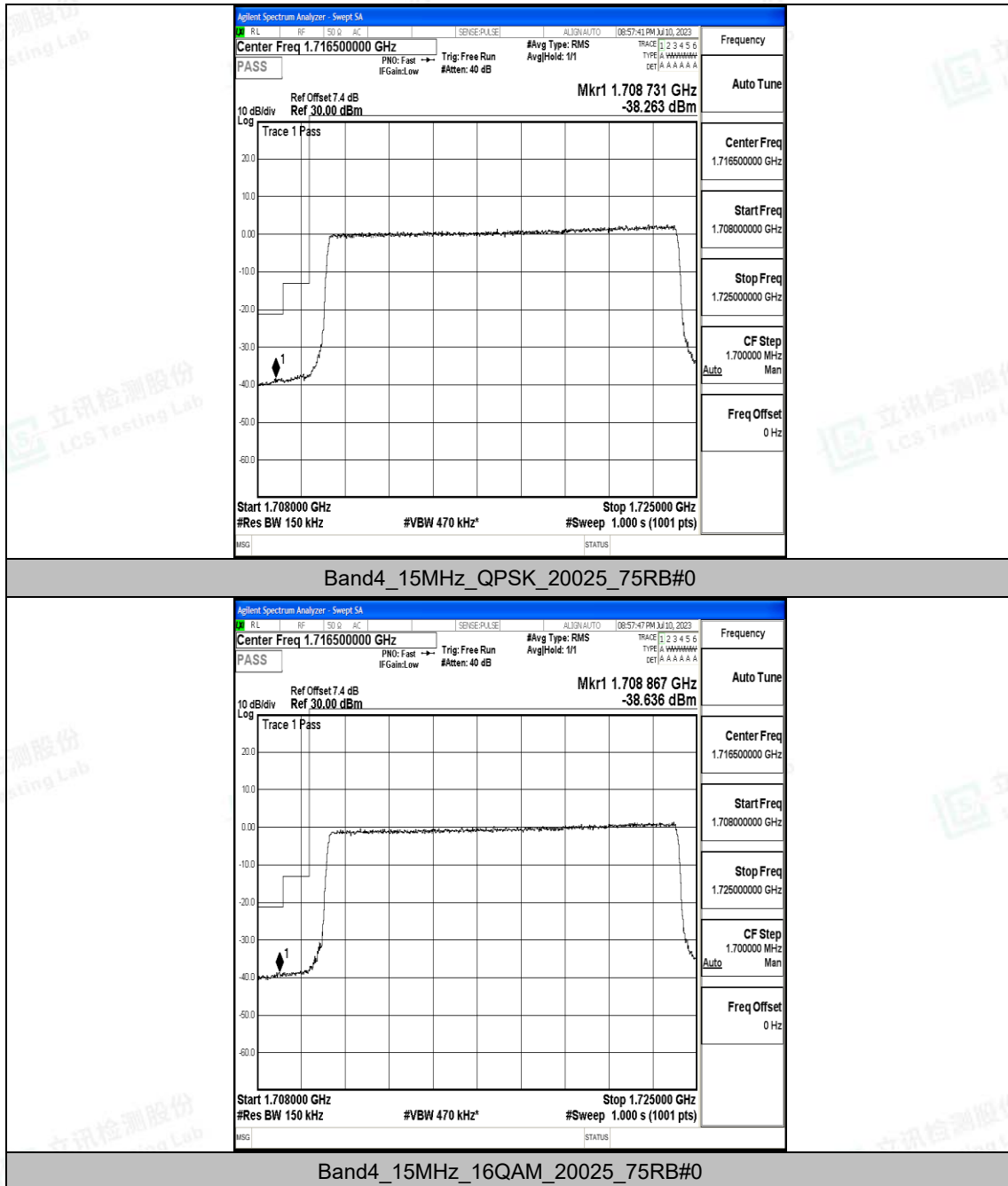


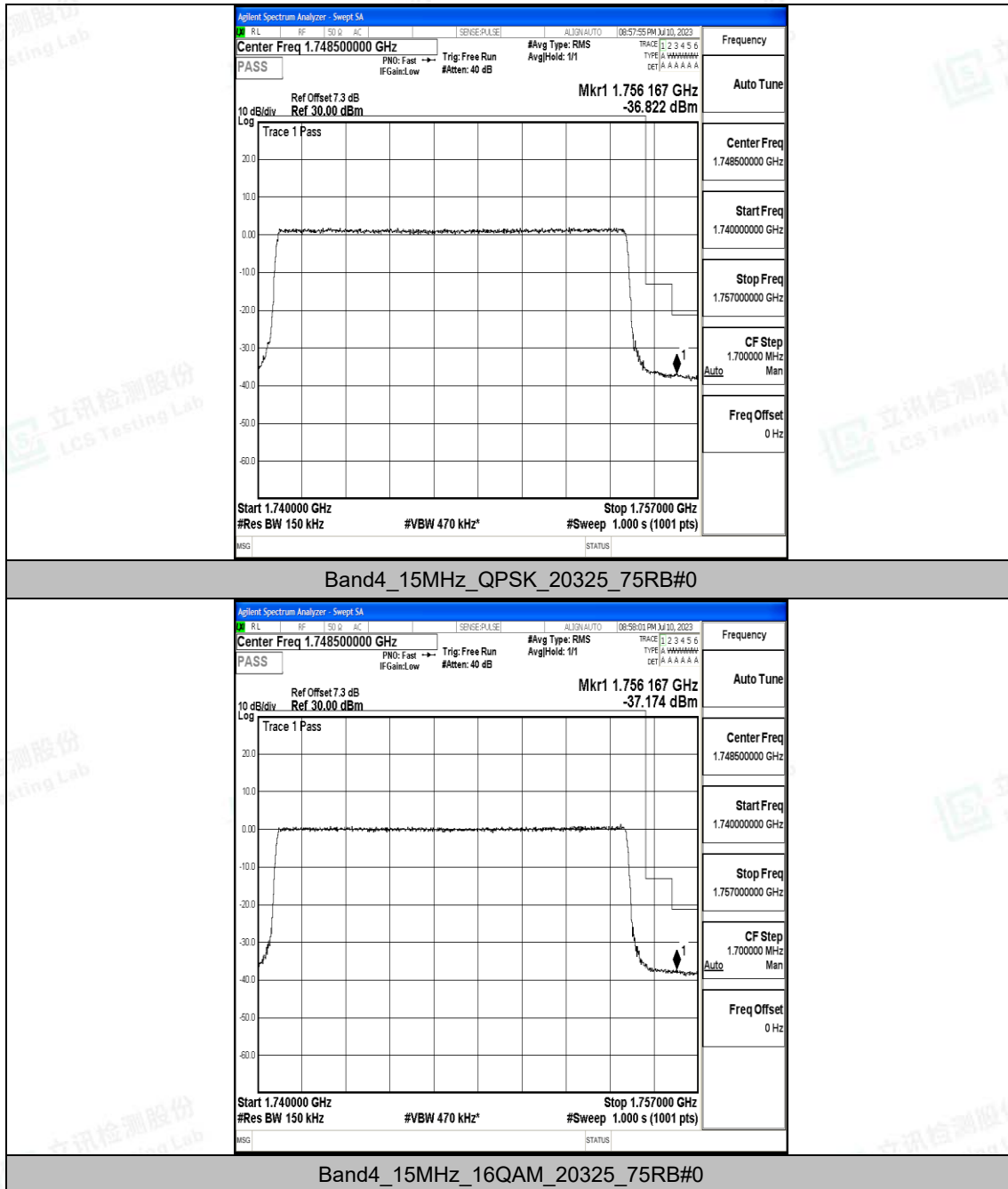


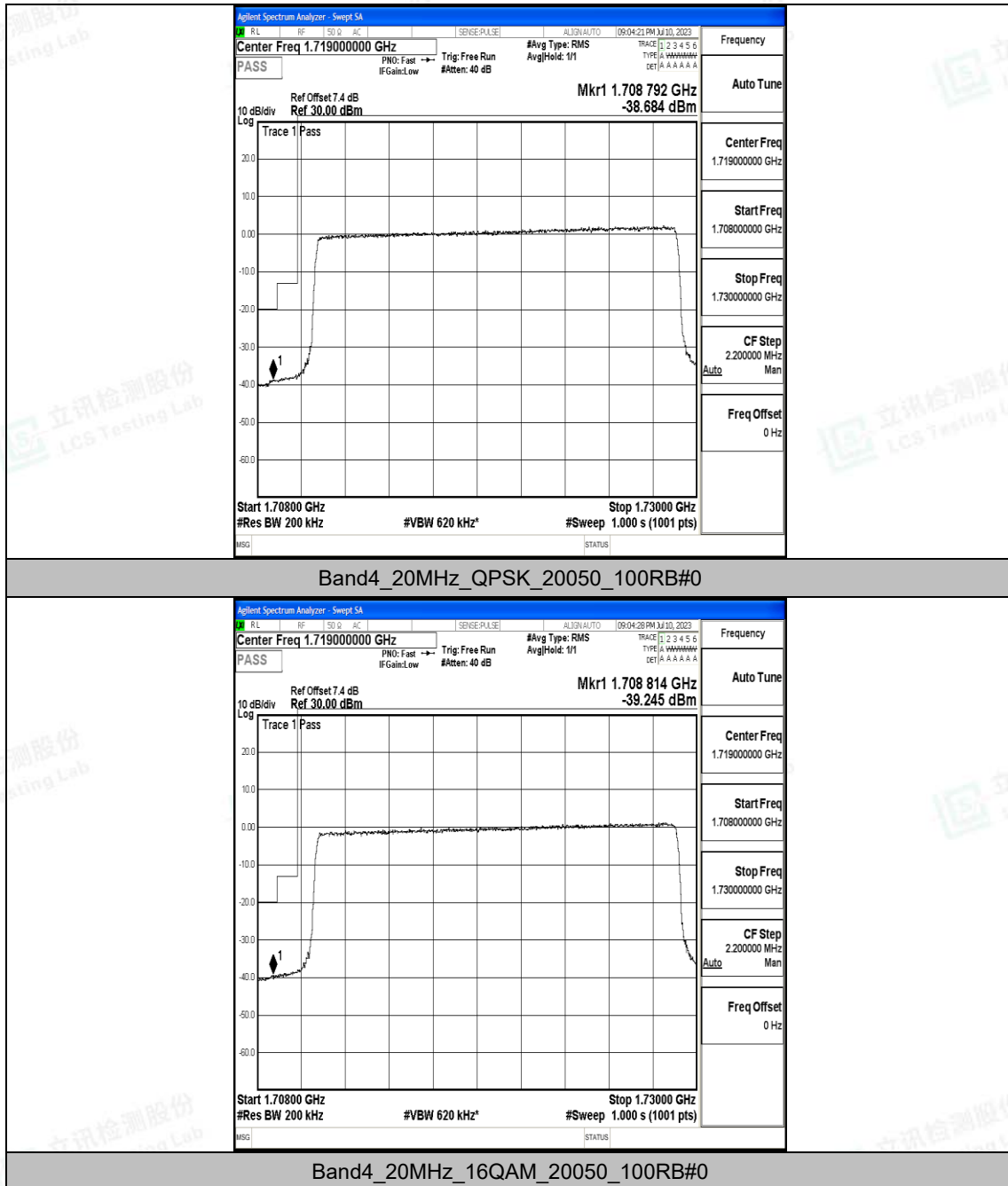


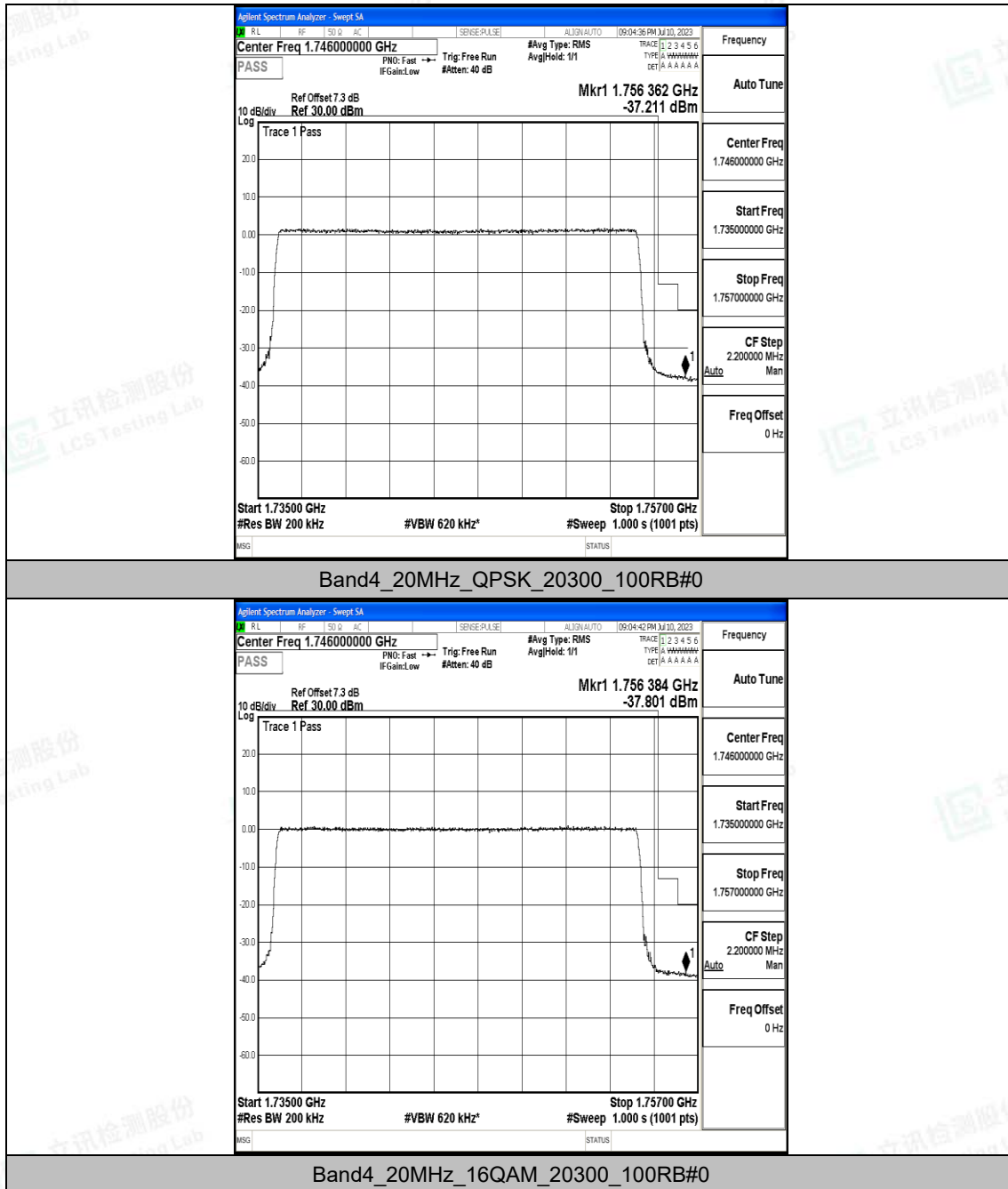














G.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	0.009~0.15	-64.93	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	0.15~30	-51.80	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	30~1000	-53.79	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	1000~3000	-40.52	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	3000~20000	-33.28	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.009~0.15	-65.28	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.15~30	-55.13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	30~1000	-53.87	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	1000~3000	-34.59	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	3000~20000	-33.66	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.009~0.15	-65.88	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.15~30	-51.38	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	30~1000	-53.76	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	1000~3000	-40.91	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3000~20000	-33.44	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.009~0.15	-63.69	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.15~30	-51.71	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	30~1000	-53.89	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	1000~3000	-41.16	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	3000~20000	-33.25	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.009~0.15	-63.23	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.15~30	-53.63	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	30~1000	-53.89	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	1000~3000	-40.24	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3000~20000	-33.30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.009~0.15	-65.66	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.15~30	-50.03	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	30~1000	-53.86	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	1000~3000	-39.98	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	3000~20000	-33.01	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.009~0.15	-65.40	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.15~30	-52.60	PASS
Band4	3MHz	QPSK	19965	1RB#0	30~1000	-53.80	PASS
Band4	3MHz	QPSK	19965	1RB#0	1000~3000	-35.12	PASS
Band4	3MHz	QPSK	19965	1RB#0	3000~20000	-33.65	PASS



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Band4	3MHz	16QAM	19965	1RB#0	0.009~0.15	-66.32	PASS
Band4	3MHz	16QAM	19965	1RB#0	0.15~30	-53.35	PASS
Band4	3MHz	16QAM	19965	1RB#0	30~1000	-53.82	PASS
Band4	3MHz	16QAM	19965	1RB#0	1000~3000	-41.75	PASS
Band4	3MHz	16QAM	19965	1RB#0	3000~20000	-33.19	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.009~0.15	-64.64	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.15~30	-51.76	PASS
Band4	3MHz	QPSK	20175	1RB#0	30~1000	-53.83	PASS
Band4	3MHz	QPSK	20175	1RB#0	1000~3000	-45.05	PASS
Band4	3MHz	QPSK	20175	1RB#0	3000~20000	-33.14	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.009~0.15	-64.05	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.15~30	-50.98	PASS
Band4	3MHz	16QAM	20175	1RB#0	30~1000	-53.81	PASS
Band4	3MHz	16QAM	20175	1RB#0	1000~3000	-45.34	PASS
Band4	3MHz	16QAM	20175	1RB#0	3000~20000	-33.23	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.009~0.15	-63.43	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.15~30	-51.28	PASS
Band4	3MHz	QPSK	20385	1RB#0	30~1000	-53.82	PASS
Band4	3MHz	QPSK	20385	1RB#0	1000~3000	-43.43	PASS
Band4	3MHz	QPSK	20385	1RB#0	3000~20000	-33.09	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.009~0.15	-62.85	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.15~30	-54.79	PASS
Band4	3MHz	16QAM	20385	1RB#0	30~1000	-53.88	PASS
Band4	3MHz	16QAM	20385	1RB#0	1000~3000	-41.91	PASS
Band4	3MHz	16QAM	20385	1RB#0	3000~20000	-32.84	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.009~0.15	-65.53	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.15~30	-52.89	PASS
Band4	5MHz	QPSK	19975	1RB#0	30~1000	-53.81	PASS
Band4	5MHz	QPSK	19975	1RB#0	1000~3000	-44.80	PASS
Band4	5MHz	QPSK	19975	1RB#0	3000~20000	-33.39	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.009~0.15	-67.29	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.15~30	-52.08	PASS
Band4	5MHz	16QAM	19975	1RB#0	30~1000	-53.90	PASS
Band4	5MHz	16QAM	19975	1RB#0	1000~3000	-47.88	PASS
Band4	5MHz	16QAM	19975	1RB#0	3000~20000	-32.98	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.009~0.15	-65.87	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.15~30	-53.95	PASS
Band4	5MHz	QPSK	20175	1RB#0	30~1000	-53.86	PASS
Band4	5MHz	QPSK	20175	1RB#0	1000~3000	-47.06	PASS
Band4	5MHz	QPSK	20175	1RB#0	3000~20000	-32.88	PASS



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Band4	5MHz	16QAM	20175	1RB#0	0.009~0.15	-65.97	PASS
Band4	5MHz	16QAM	20175	1RB#0	0.15~30	-54.29	PASS
Band4	5MHz	16QAM	20175	1RB#0	30~1000	-53.87	PASS
Band4	5MHz	16QAM	20175	1RB#0	1000~3000	-48.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	3000~20000	-33.36	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.009~0.15	-62.97	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.15~30	-51.96	PASS
Band4	5MHz	QPSK	20375	1RB#0	30~1000	-53.77	PASS
Band4	5MHz	QPSK	20375	1RB#0	1000~3000	-43.91	PASS
Band4	5MHz	QPSK	20375	1RB#0	3000~20000	-33.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.009~0.15	-64.32	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.15~30	-53.57	PASS
Band4	5MHz	16QAM	20375	1RB#0	30~1000	-53.83	PASS
Band4	5MHz	16QAM	20375	1RB#0	1000~3000	-47.05	PASS
Band4	5MHz	16QAM	20375	1RB#0	3000~20000	-33.19	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.009~0.15	-64.61	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.15~30	-52.32	PASS
Band4	10MHz	QPSK	20000	1RB#0	30~1000	-53.89	PASS
Band4	10MHz	QPSK	20000	1RB#0	1000~3000	-43.14	PASS
Band4	10MHz	QPSK	20000	1RB#0	3000~20000	-33.21	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.009~0.15	-65.89	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.15~30	-52.24	PASS
Band4	10MHz	16QAM	20000	1RB#0	30~1000	-53.86	PASS
Band4	10MHz	16QAM	20000	1RB#0	1000~3000	-47.89	PASS
Band4	10MHz	16QAM	20000	1RB#0	3000~20000	-33.23	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.009~0.15	-65.98	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.15~30	-50.88	PASS
Band4	10MHz	QPSK	20175	1RB#0	30~1000	-53.79	PASS
Band4	10MHz	QPSK	20175	1RB#0	1000~3000	-47.78	PASS
Band4	10MHz	QPSK	20175	1RB#0	3000~20000	-33.37	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.009~0.15	-64.36	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.15~30	-53.41	PASS
Band4	10MHz	16QAM	20175	1RB#0	30~1000	-53.78	PASS
Band4	10MHz	16QAM	20175	1RB#0	1000~3000	-43.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	3000~20000	-33.39	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.009~0.15	-65.88	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.15~30	-54.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	30~1000	-53.85	PASS
Band4	10MHz	QPSK	20350	1RB#0	1000~3000	-38.60	PASS
Band4	10MHz	QPSK	20350	1RB#0	3000~20000	-33.14	PASS



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Band4	10MHz	16QAM	20350	1RB#0	0.009~0.15	-64.59	PASS
Band4	10MHz	16QAM	20350	1RB#0	0.15~30	-52.40	PASS
Band4	10MHz	16QAM	20350	1RB#0	30~1000	-53.87	PASS
Band4	10MHz	16QAM	20350	1RB#0	1000~3000	-47.73	PASS
Band4	10MHz	16QAM	20350	1RB#0	3000~20000	-32.95	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.009~0.15	-65.42	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.15~30	-53.42	PASS
Band4	15MHz	QPSK	20025	1RB#0	30~1000	-53.80	PASS
Band4	15MHz	QPSK	20025	1RB#0	1000~3000	-46.21	PASS
Band4	15MHz	QPSK	20025	1RB#0	3000~20000	-33.29	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.009~0.15	-67.53	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.15~30	-56.33	PASS
Band4	15MHz	16QAM	20025	1RB#0	30~1000	-53.82	PASS
Band4	15MHz	16QAM	20025	1RB#0	1000~3000	-47.86	PASS
Band4	15MHz	16QAM	20025	1RB#0	3000~20000	-33.58	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.009~0.15	-65.87	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.15~30	-52.55	PASS
Band4	15MHz	QPSK	20175	1RB#0	30~1000	-53.84	PASS
Band4	15MHz	QPSK	20175	1RB#0	1000~3000	-44.67	PASS
Band4	15MHz	QPSK	20175	1RB#0	3000~20000	-33.09	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.009~0.15	-64.67	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.15~30	-54.22	PASS
Band4	15MHz	16QAM	20175	1RB#0	30~1000	-53.79	PASS
Band4	15MHz	16QAM	20175	1RB#0	1000~3000	-46.89	PASS
Band4	15MHz	16QAM	20175	1RB#0	3000~20000	-33.09	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.009~0.15	-64.62	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.15~30	-51.80	PASS
Band4	15MHz	QPSK	20325	1RB#0	30~1000	-53.88	PASS
Band4	15MHz	QPSK	20325	1RB#0	1000~3000	-47.94	PASS
Band4	15MHz	QPSK	20325	1RB#0	3000~20000	-33.63	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.009~0.15	-64.81	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.15~30	-54.66	PASS
Band4	15MHz	16QAM	20325	1RB#0	30~1000	-53.81	PASS
Band4	15MHz	16QAM	20325	1RB#0	1000~3000	-47.84	PASS
Band4	15MHz	16QAM	20325	1RB#0	3000~20000	-33.41	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.009~0.15	-64.57	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.15~30	-53.94	PASS
Band4	20MHz	QPSK	20050	1RB#0	30~1000	-53.86	PASS
Band4	20MHz	QPSK	20050	1RB#0	1000~3000	-47.72	PASS
Band4	20MHz	QPSK	20050	1RB#0	3000~20000	-33.39	PASS



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Band4	20MHz	16QAM	20050	1RB#0	0.009~0.15	-64.59	PASS
Band4	20MHz	16QAM	20050	1RB#0	0.15~30	-55.13	PASS
Band4	20MHz	16QAM	20050	1RB#0	30~1000	-53.83	PASS
Band4	20MHz	16QAM	20050	1RB#0	1000~3000	-47.43	PASS
Band4	20MHz	16QAM	20050	1RB#0	3000~20000	-33.50	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.009~0.15	-65.56	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.15~30	-53.04	PASS
Band4	20MHz	QPSK	20175	1RB#0	30~1000	-53.82	PASS
Band4	20MHz	QPSK	20175	1RB#0	1000~3000	-47.66	PASS
Band4	20MHz	QPSK	20175	1RB#0	3000~20000	-33.59	PASS
Band4	20MHz	16QAM	20175	1RB#0	0.009~0.15	-65.53	PASS
Band4	20MHz	16QAM	20175	1RB#0	0.15~30	-53.29	PASS
Band4	20MHz	16QAM	20175	1RB#0	30~1000	-53.79	PASS
Band4	20MHz	16QAM	20175	1RB#0	1000~3000	-47.94	PASS
Band4	20MHz	16QAM	20175	1RB#0	3000~20000	-32.86	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.009~0.15	-65.16	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.15~30	-54.23	PASS
Band4	20MHz	QPSK	20300	1RB#0	30~1000	-53.73	PASS
Band4	20MHz	QPSK	20300	1RB#0	1000~3000	-47.66	PASS
Band4	20MHz	QPSK	20300	1RB#0	3000~20000	-33.49	PASS
Band4	20MHz	16QAM	20300	1RB#0	0.009~0.15	-63.88	PASS
Band4	20MHz	16QAM	20300	1RB#0	0.15~30	-52.45	PASS
Band4	20MHz	16QAM	20300	1RB#0	30~1000	-53.79	PASS
Band4	20MHz	16QAM	20300	1RB#0	1000~3000	-48.08	PASS
Band4	20MHz	16QAM	20300	1RB#0	3000~20000	-33.46	PASS





Test Graphs

