



Appendix E: Test Data for E-UTRA Band 4

Product Name: POC radio/4G Network intercom

Test Model: W6pro

Environmental Conditions

Temperature:	23.9°C
Relative Humidity:	52.9%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Luo
Supervised by:	Nick Peng



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E.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	20.15	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	19.86	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	20.09	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	19.91	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	20.22	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.47	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	20.39	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	19.45	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	20.38	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	19.45	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	20.38	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	19.27	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	19.54	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.11	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	20.82	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	19.37	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	20.62	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	19.34	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	20.65	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	20.09	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	20.64	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.07	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	20.43	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	19.66	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	20.62	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	19.73	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	19.87	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	19.38	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.21	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.72	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.24	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	20.77	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.25	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	20.86	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	21.41	PASS



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Band4	1.4MHz	16QAM	20393	3RB#0	20.42	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	21.42	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	20.38	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	21.40	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.28	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.50	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	19.86	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.57	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.87	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.51	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.87	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.48	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.93	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.83	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.25	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.83	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.25	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.78	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.31	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.78	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.14	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.49	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.20	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.56	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.18	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.48	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.20	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.76	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.26	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.75	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.26	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.77	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.30	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.71	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.96	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.45	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.49	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.20	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.43	PASS



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Band4	3MHz	16QAM	20385	1RB#14	22.19	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.73	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.18	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.75	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.19	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.79	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.10	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.73	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.09	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.55	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.45	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.52	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.43	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.60	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.36	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.85	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.11	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.85	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.11	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.85	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.09	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.83	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.19	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.45	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.23	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.41	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.78	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.73	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.79	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.88	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.14	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.80	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.21	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.83	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.23	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.82	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.53	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.45	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.56	PASS



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Band4	5MHz	16QAM	20375	1RB#12	21.60	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.56	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.48	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.84	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.96	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.85	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.04	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.86	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.08	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.81	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.14	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.53	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.95	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.45	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.86	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.52	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.92	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.76	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.03	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.77	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.03	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.72	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.99	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.82	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.04	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.70	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.98	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.64	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.16	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.51	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.12	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.84	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.28	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.83	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.27	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.80	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.21	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.78	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.12	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.34	PASS



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Band4	10MHz	16QAM	20350	1RB#0	22.36	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.30	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.37	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.37	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.42	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.72	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.16	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.73	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.16	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.79	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.10	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.78	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.10	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.53	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.94	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.46	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.86	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.47	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.86	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.74	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.74	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.74	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.73	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.84	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.83	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.83	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.05	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.13	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.90	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.10	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.14	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.78	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.10	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.75	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.74	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.73	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.73	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.73	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.72	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.72	PASS



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Band4	15MHz	16QAM	20175	75RB#0	21.20	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.35	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.20	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.27	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.94	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.48	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.03	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.80	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.81	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.81	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.81	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.82	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.82	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.73	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.06	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.54	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.77	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.46	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.98	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.90	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.95	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.85	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.21	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.86	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.22	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.78	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.16	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.82	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.19	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.59	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.57	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.54	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.53	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.56	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.39	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.85	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.20	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.84	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.20	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.85	PASS



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Band4	20MHz	16QAM	20175	50RB#50	21.16	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.81	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.25	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.69	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.46	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.65	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.48	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.89	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.80	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.23	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.79	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.13	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.86	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.16	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.89	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.10	PASS



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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	1RB#0	3.56	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	4.15	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.33	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	4.92	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.86	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	4.41	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.73	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.32	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.34	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	3.74	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.24	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	4.84	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	3.56	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.23	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.36	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	4.97	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.99	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.70	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.75	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.43	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.36	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.08	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.20	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	4.82	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	3.67	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	4.38	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.89	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.41	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.14	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.98	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.10	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.69	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.32	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.07	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.70	13	PASS



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Band4	5MHz	16QAM	20375	25RB#0	5.26	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	3.62	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	4.24	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.98	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.57	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.22	13	PASS
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Band4	10MHz	QPSK	20175	50RB#0	5.12	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.76	13	PASS
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Band4	10MHz	16QAM	20350	1RB#0	3.92	13	PASS
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Band4	10MHz	16QAM	20350	50RB#0	5.28	13	PASS
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Band4	15MHz	16QAM	20025	1RB#0	4.24	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.31	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.75	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.23	13	PASS
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Band4	20MHz	QPSK	20300	1RB#0	3.55	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	3.97	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.72	13	PASS
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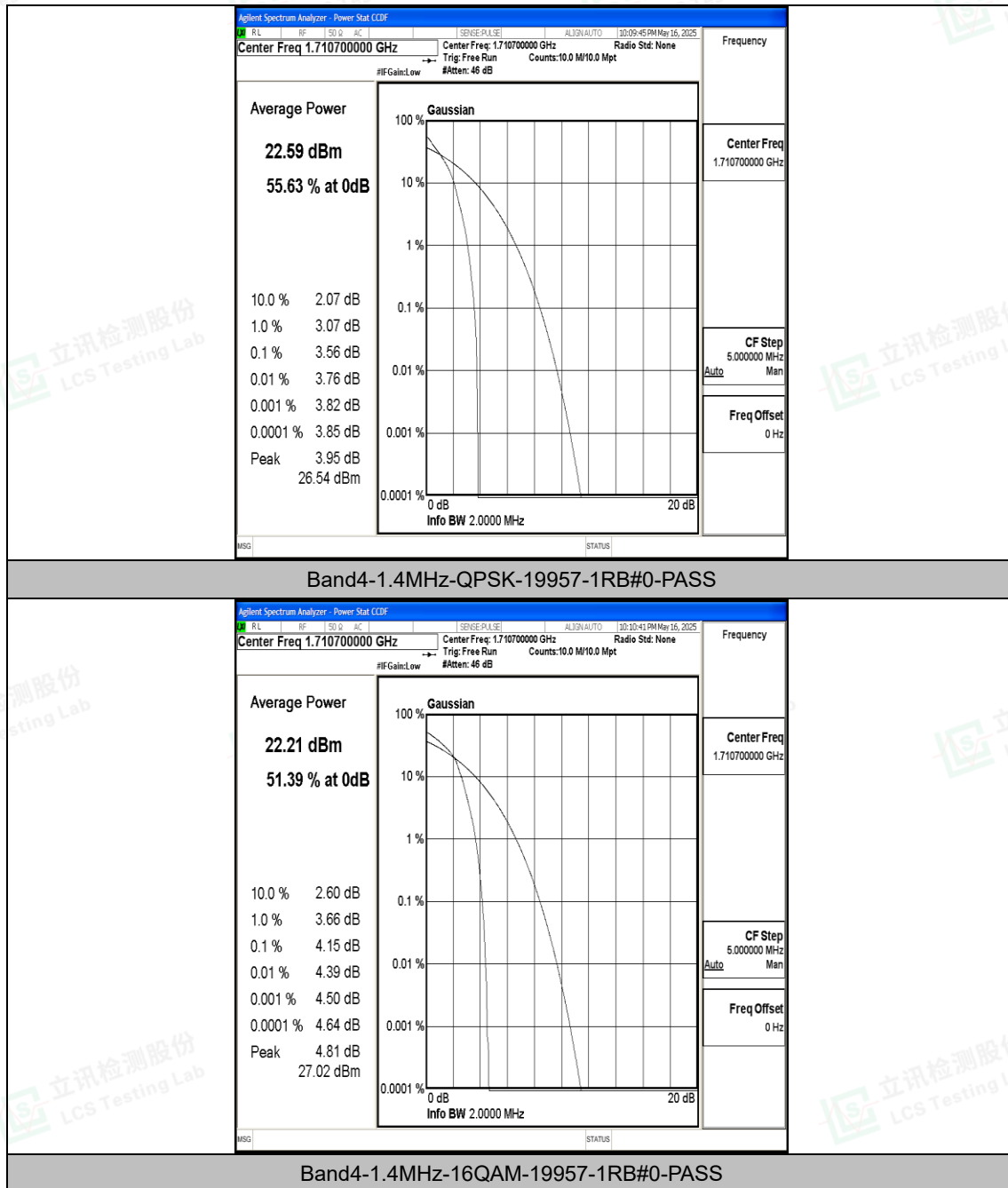
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Test Graphs

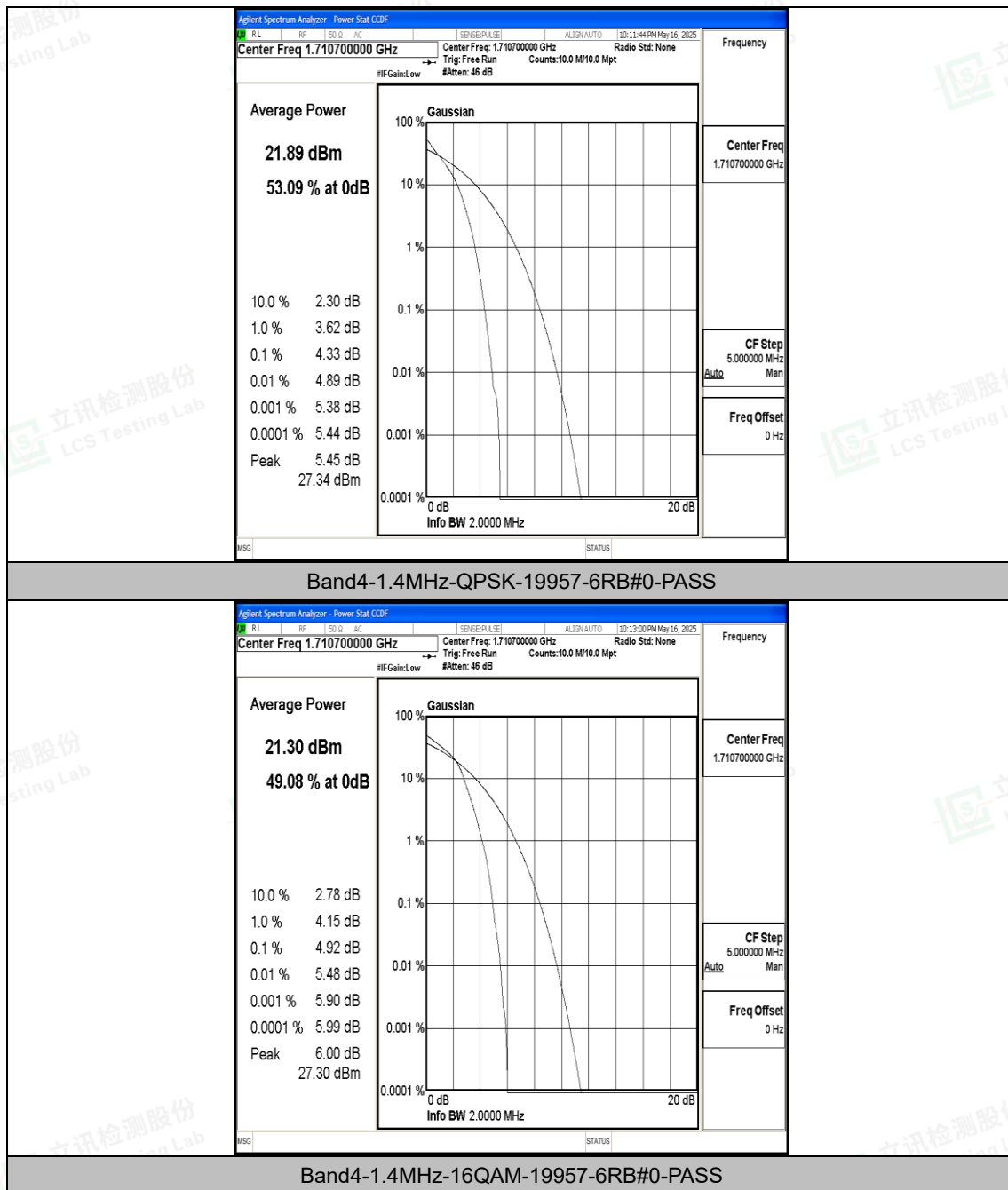


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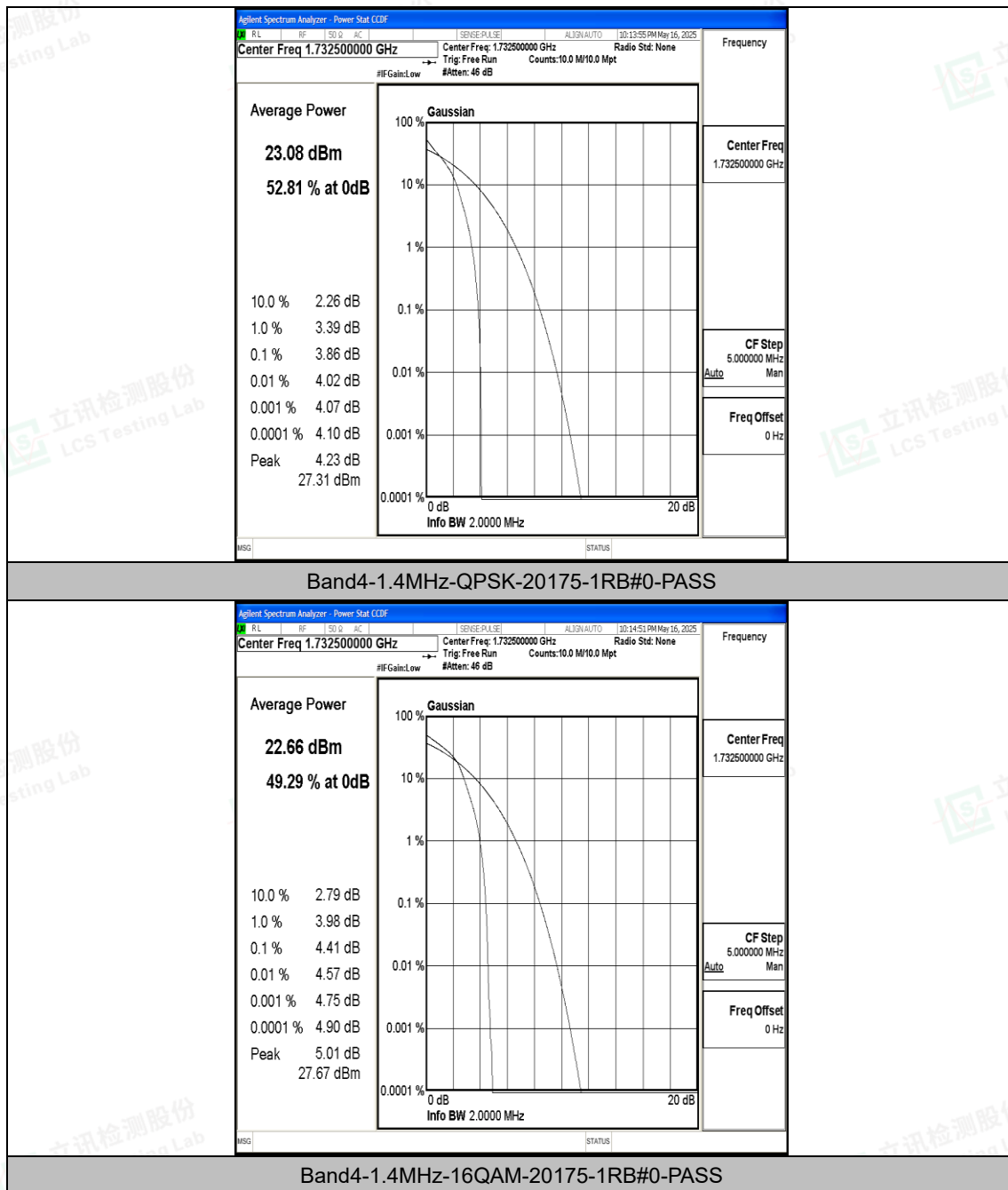


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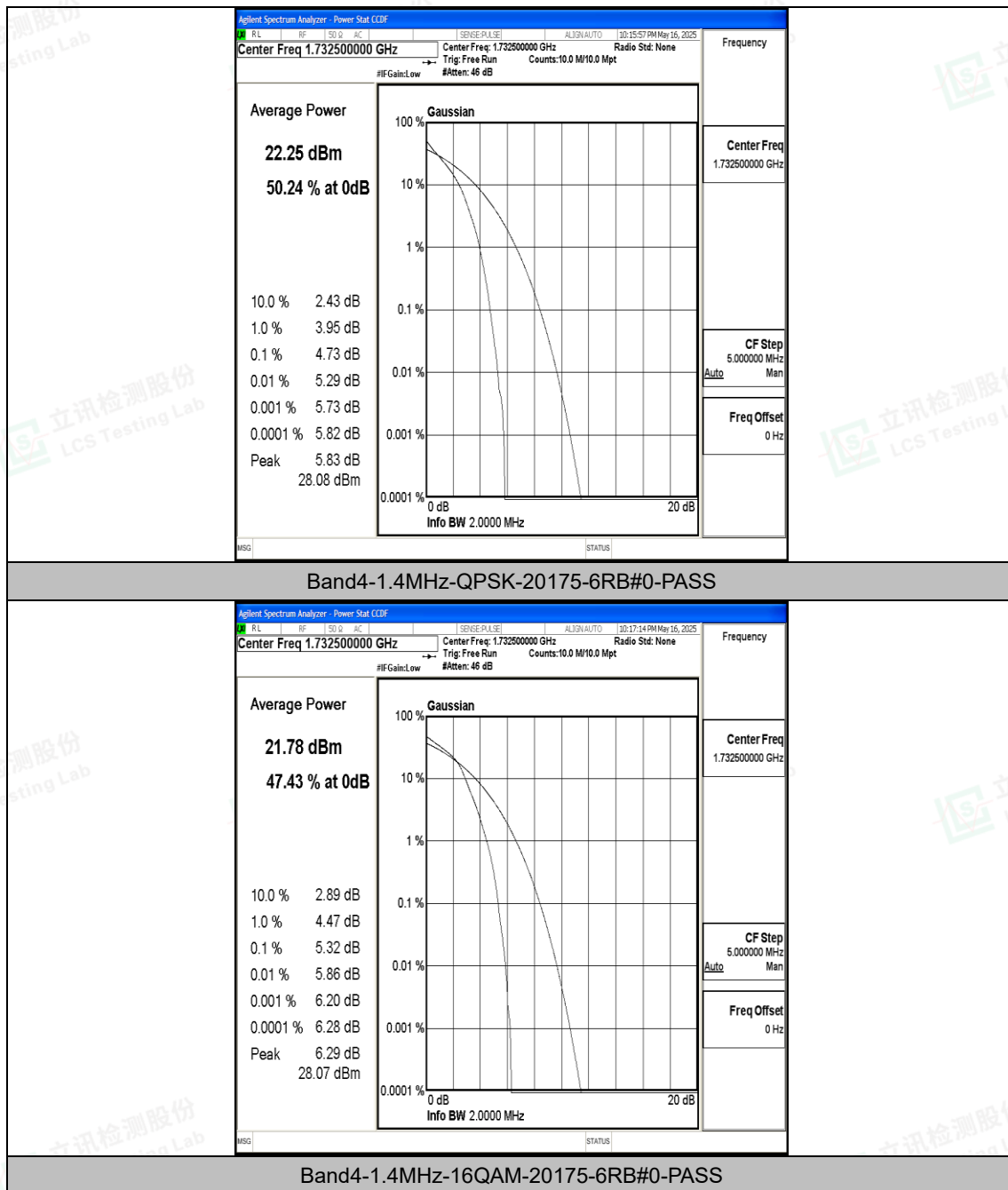


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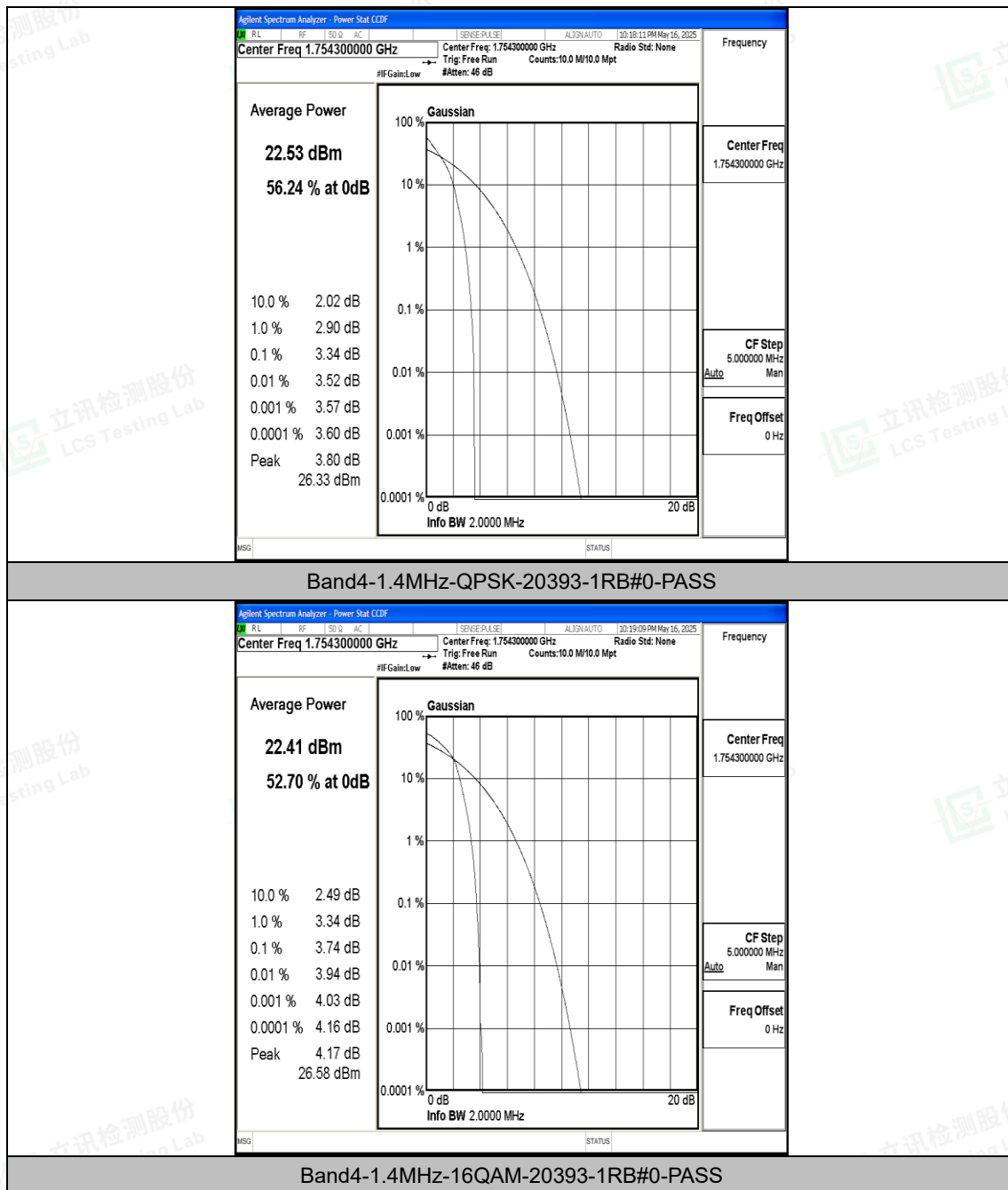


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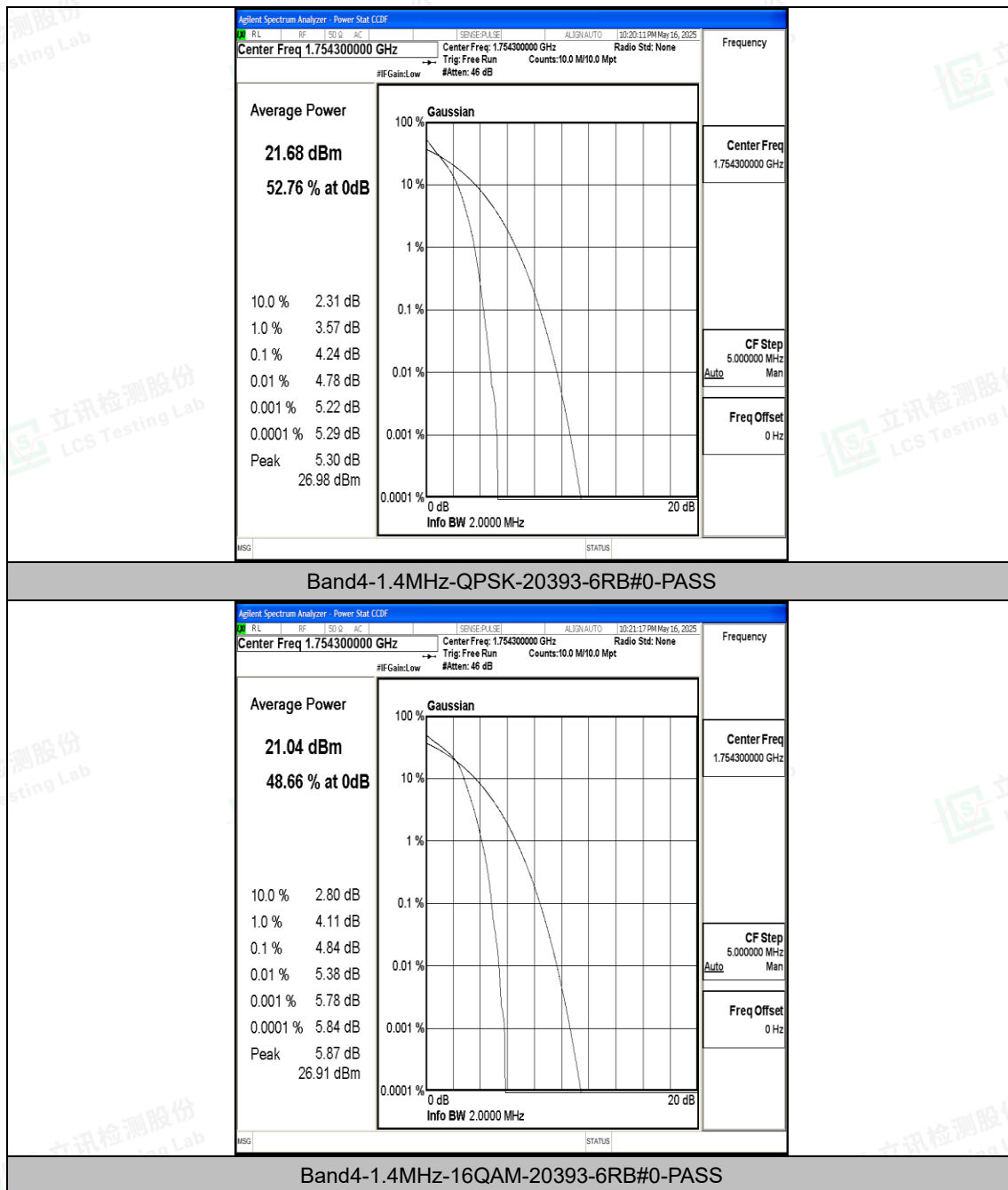


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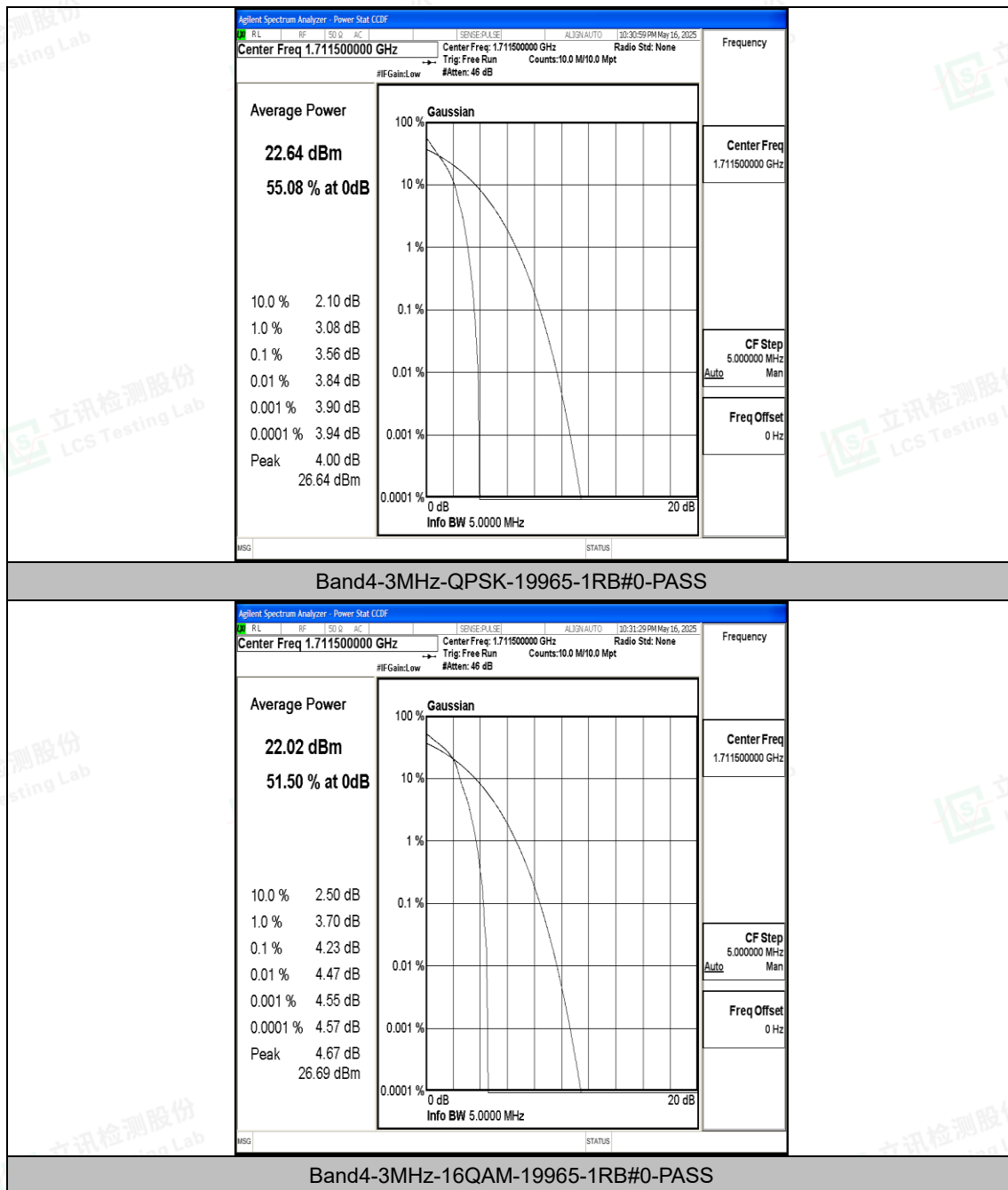


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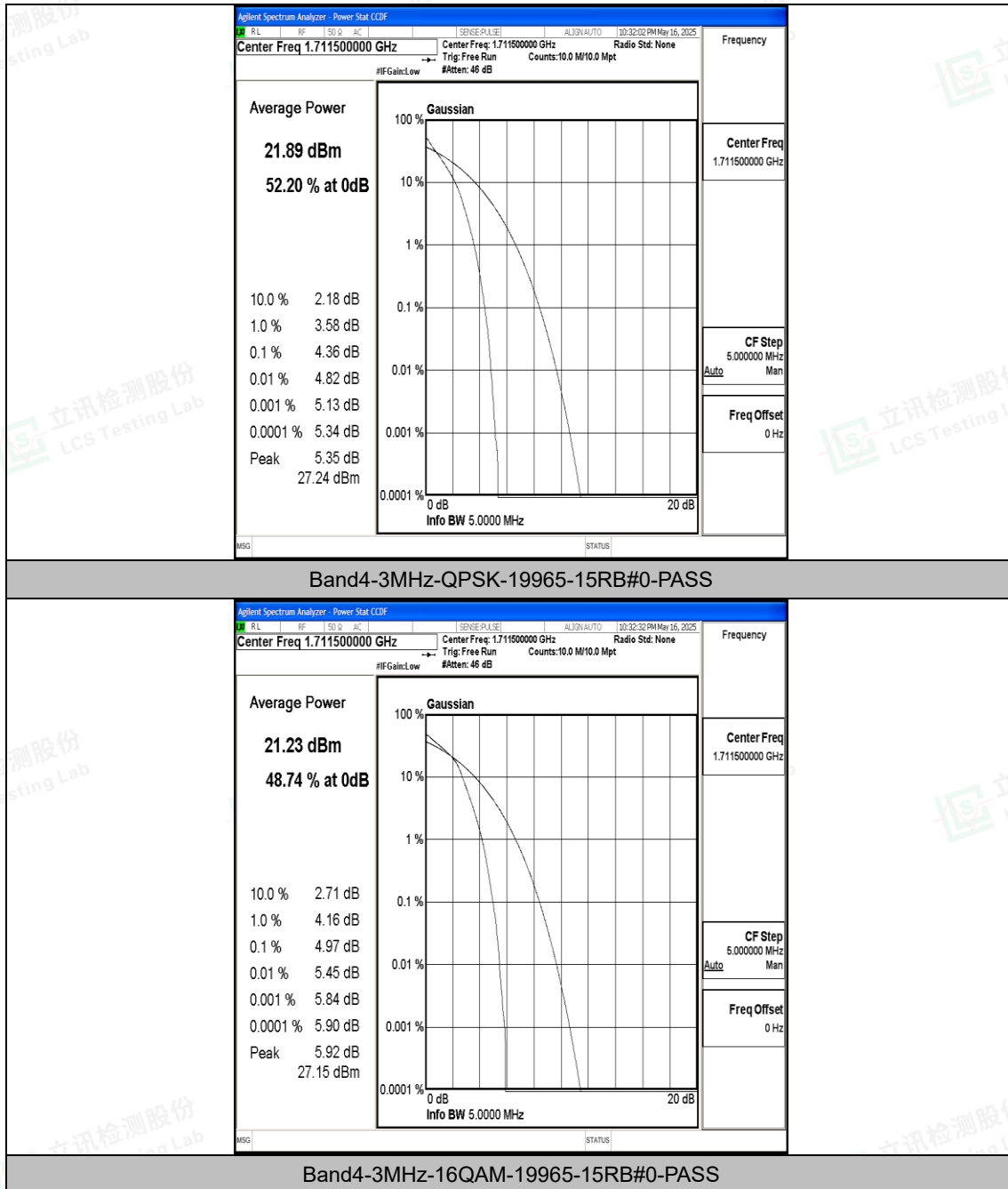


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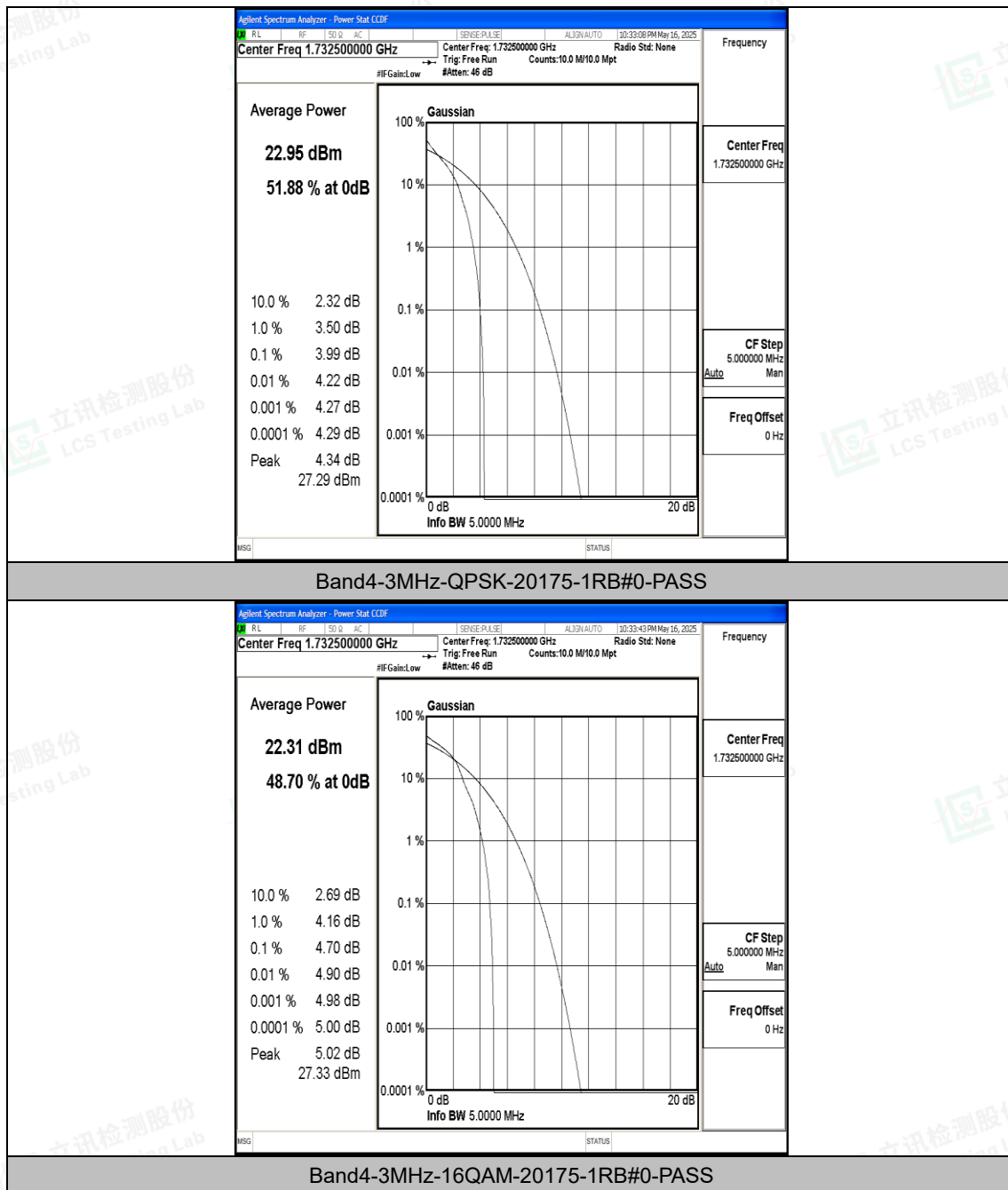


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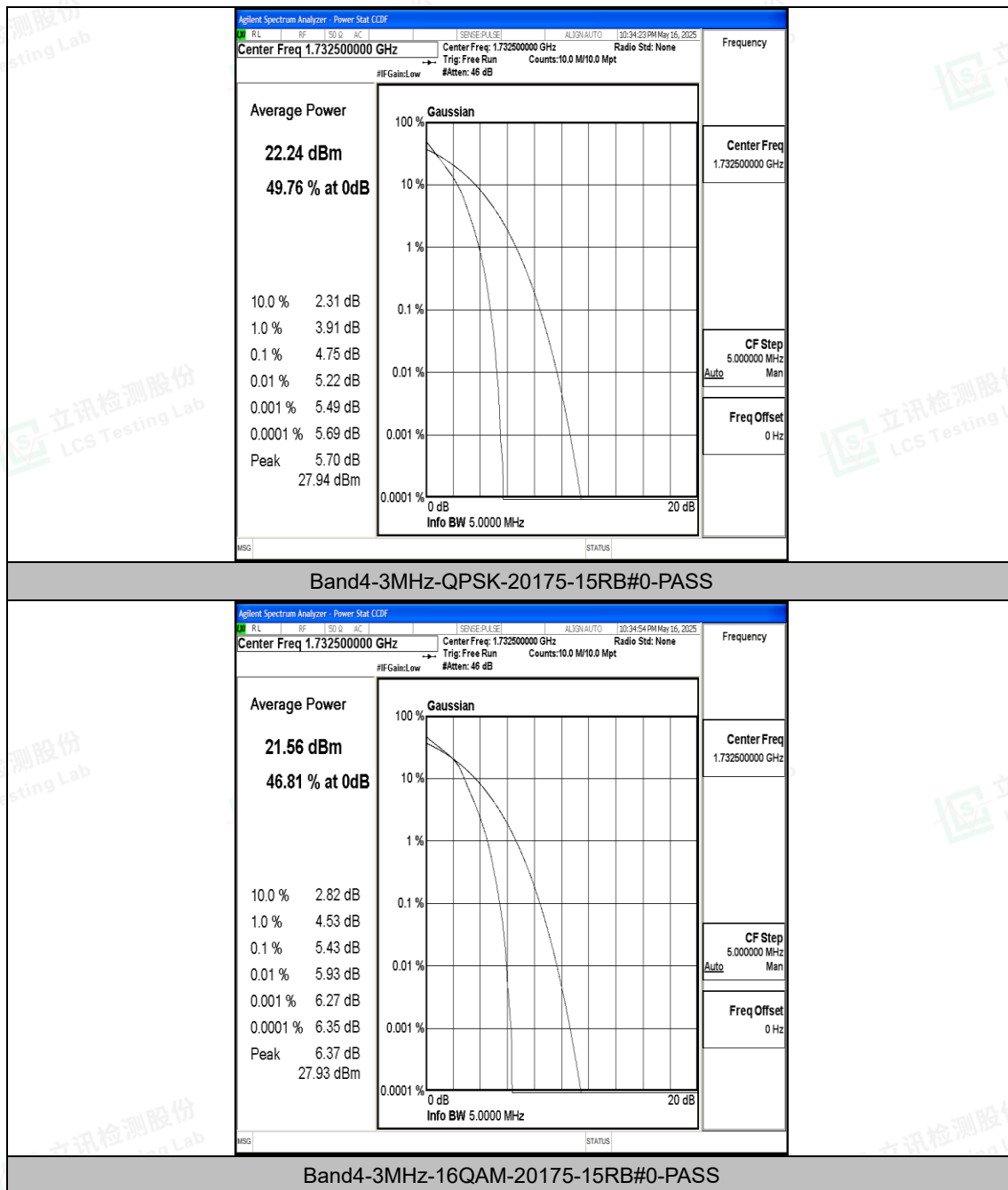


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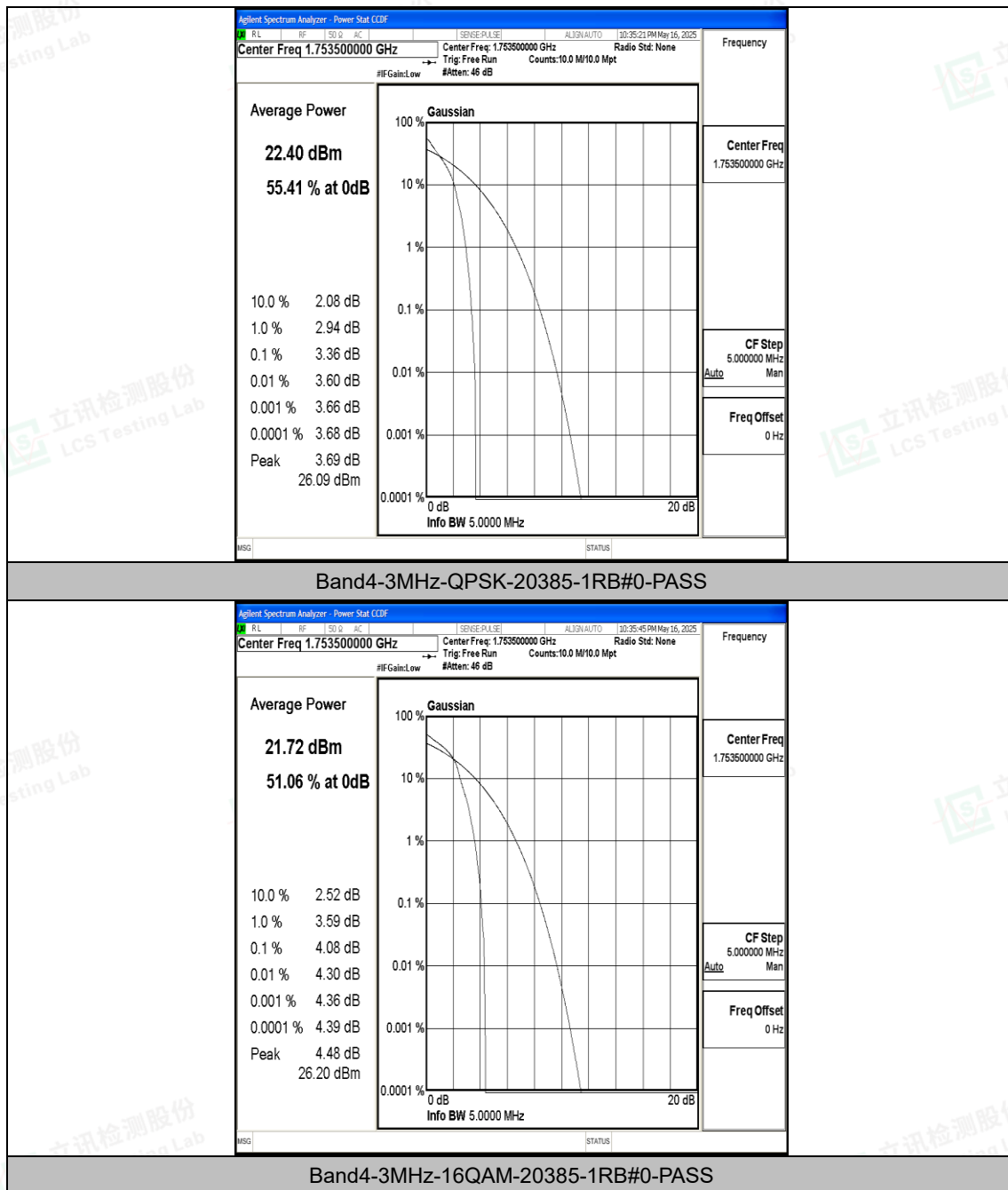


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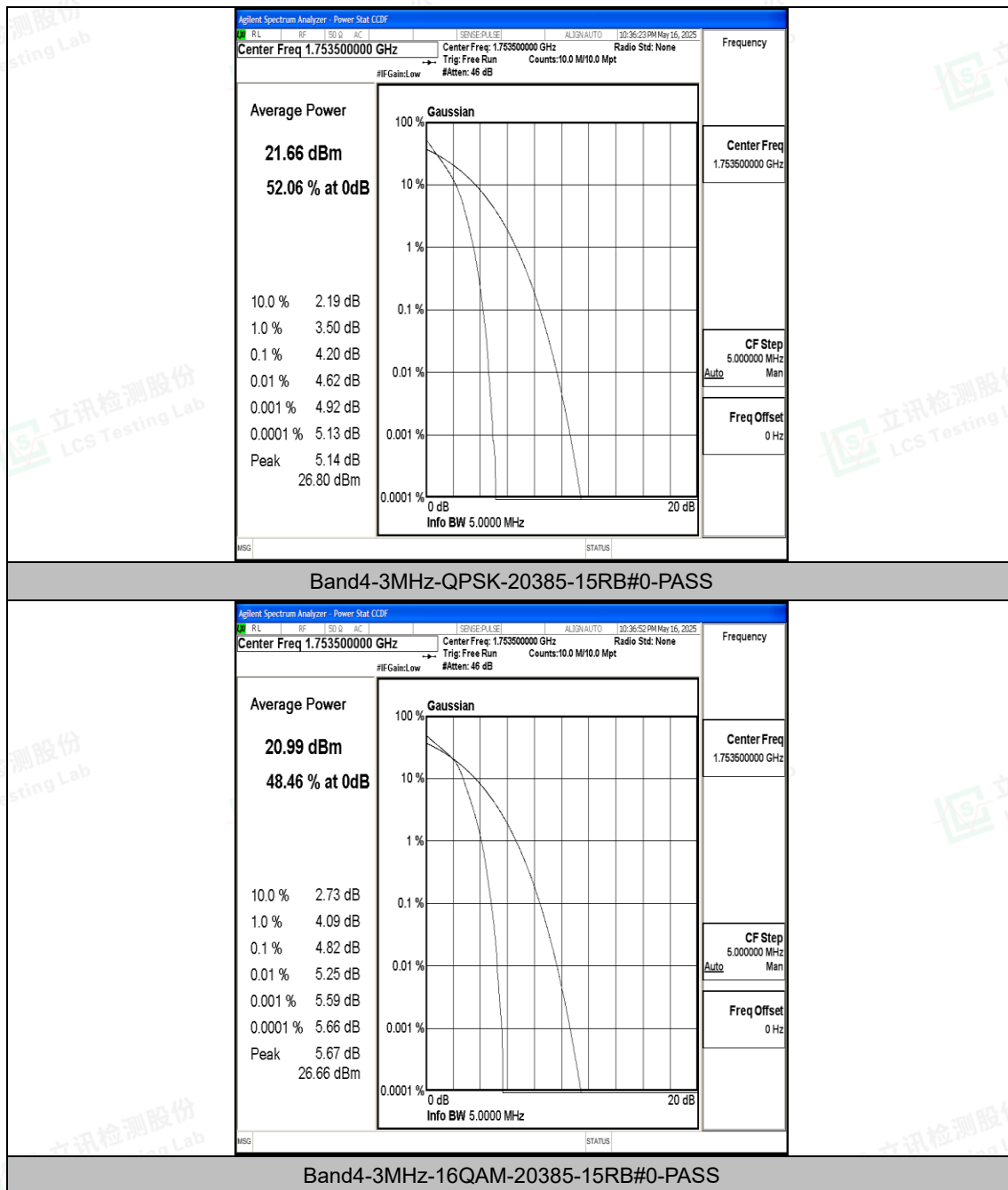


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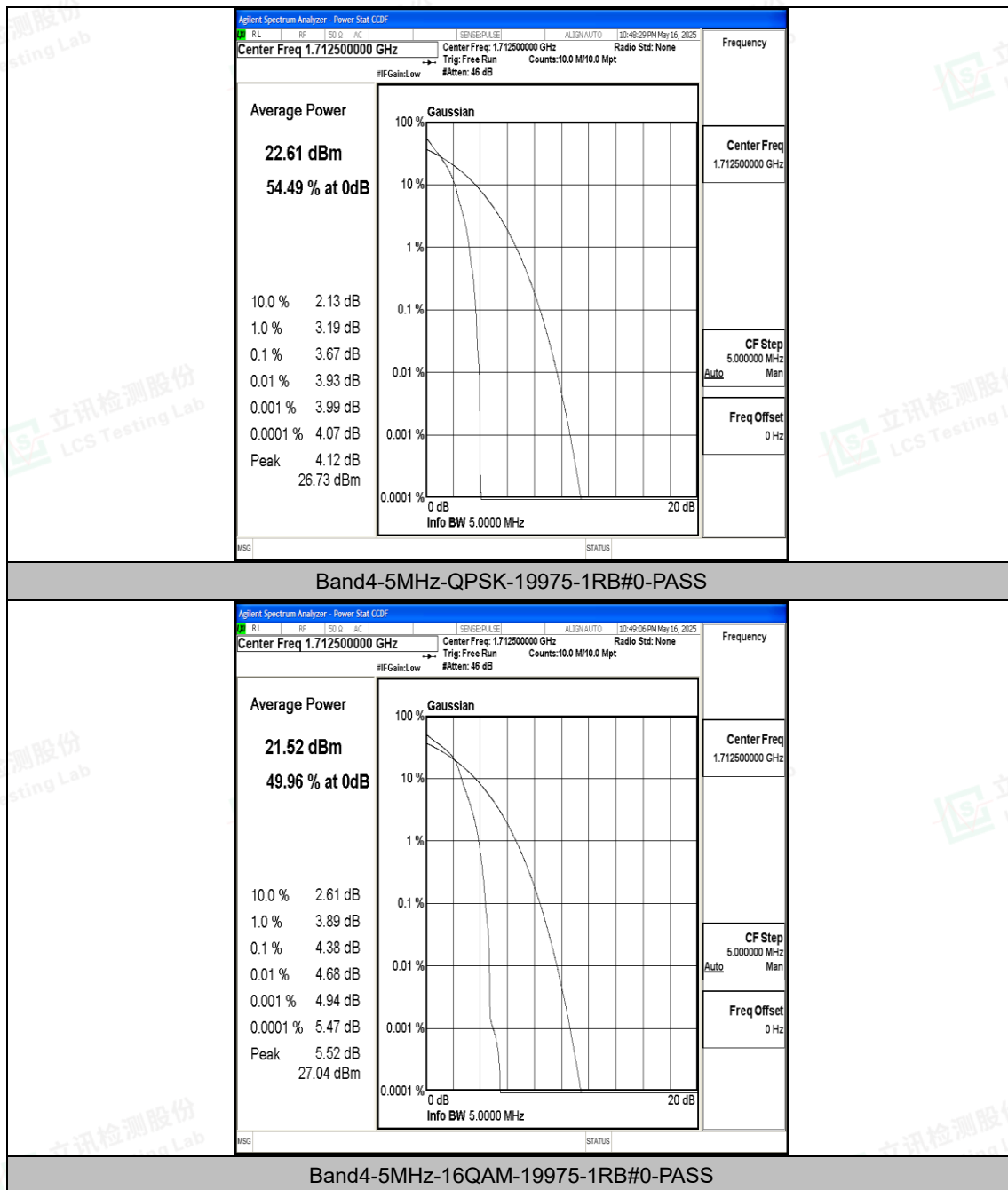


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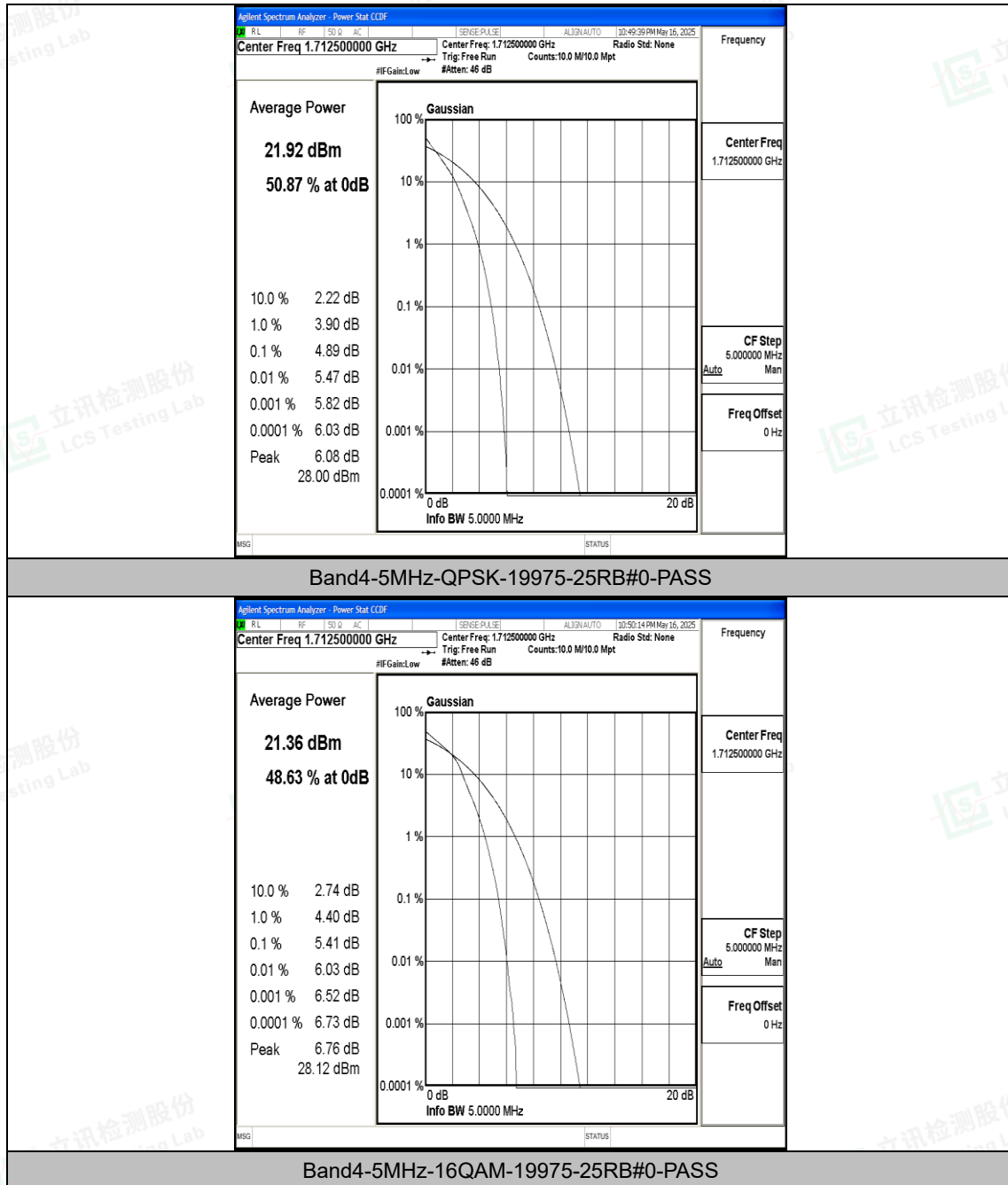


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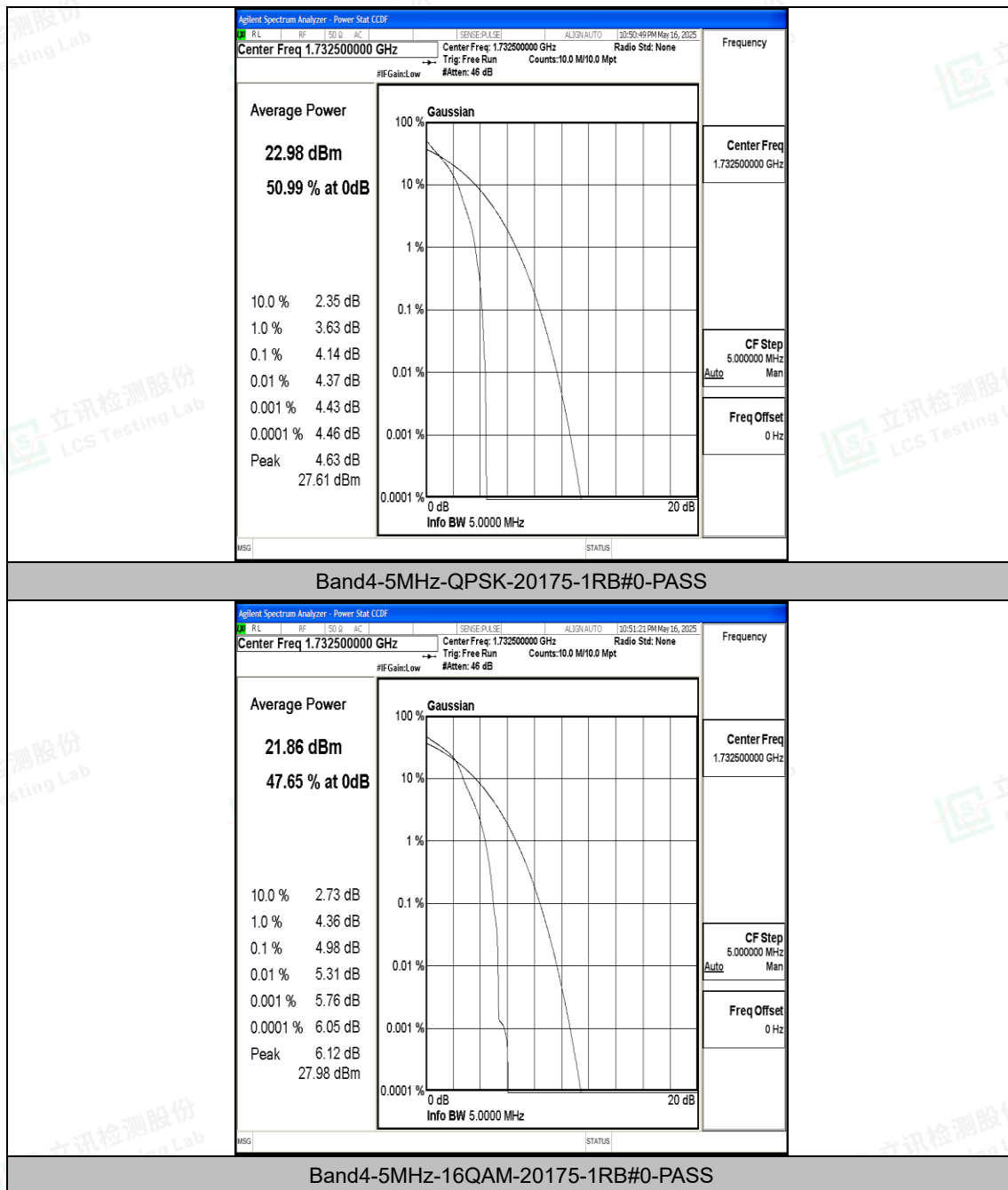


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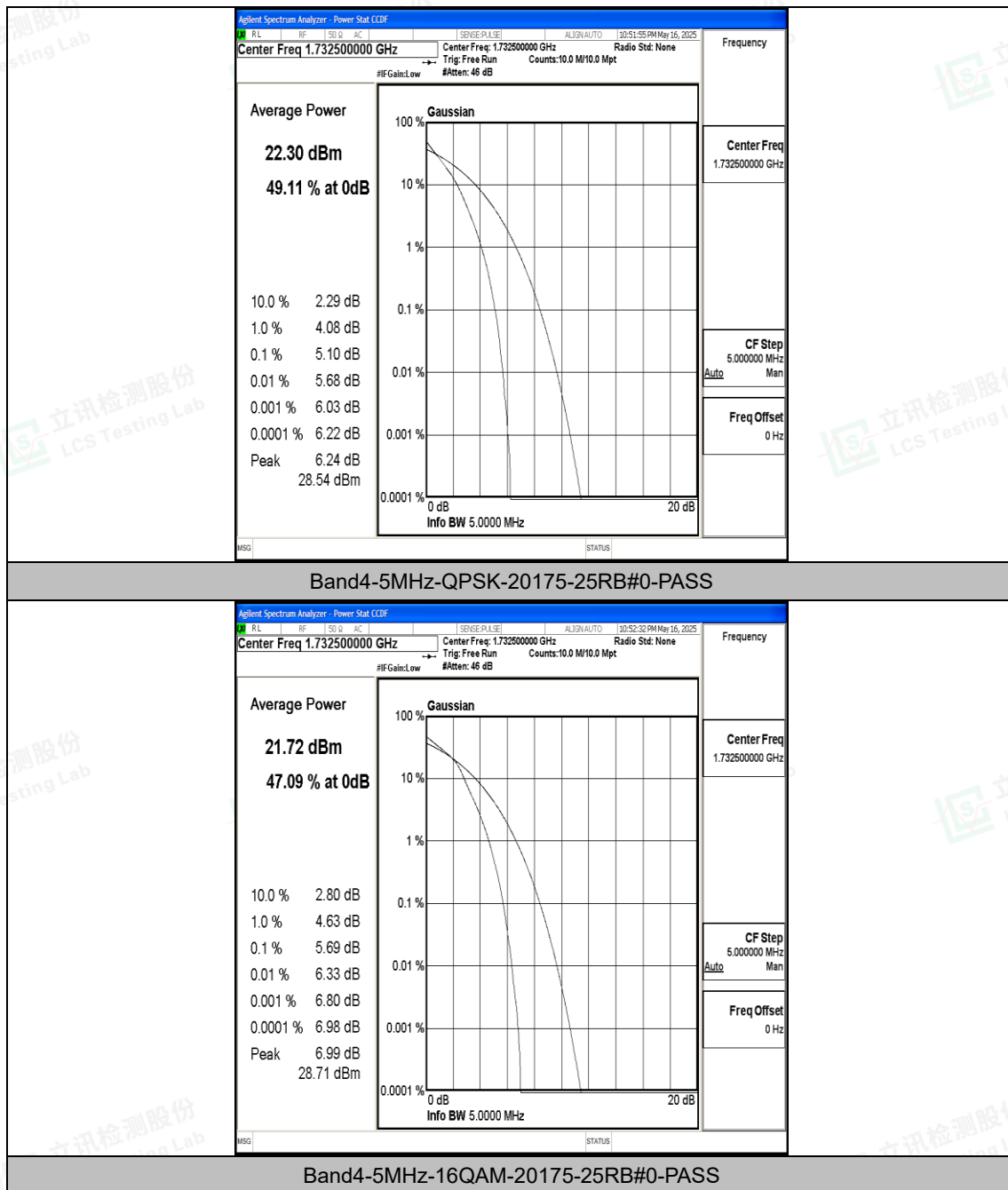


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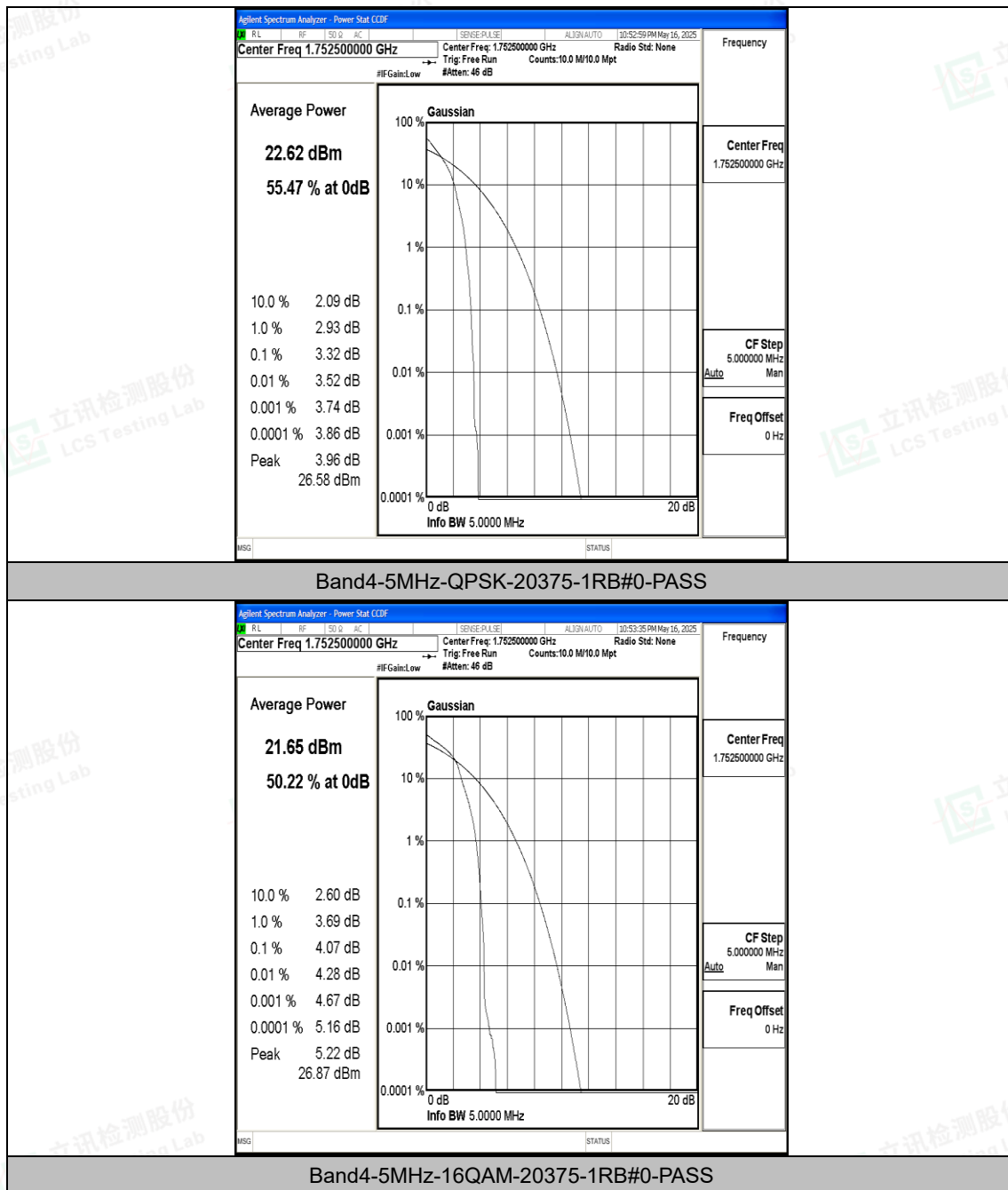


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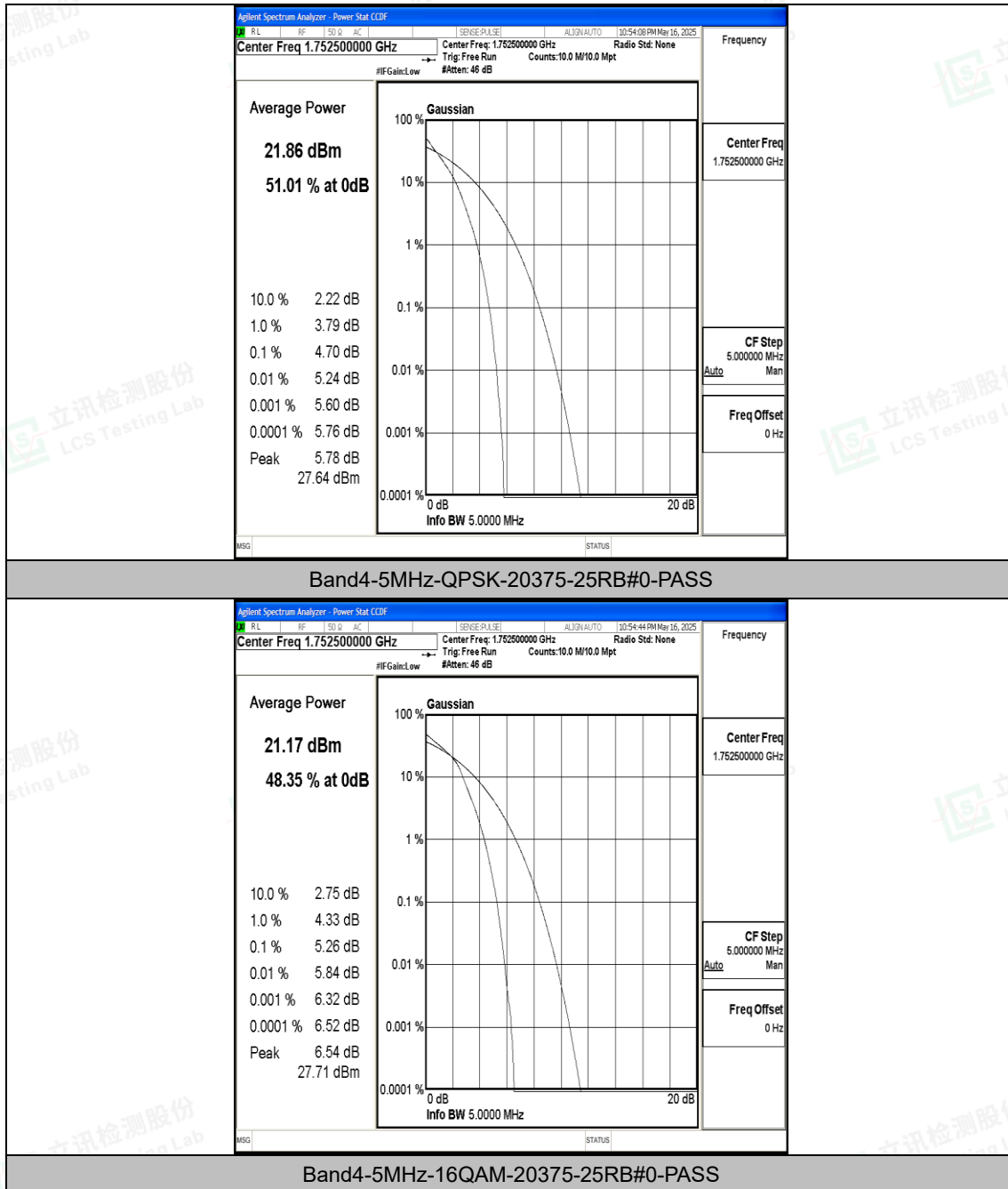


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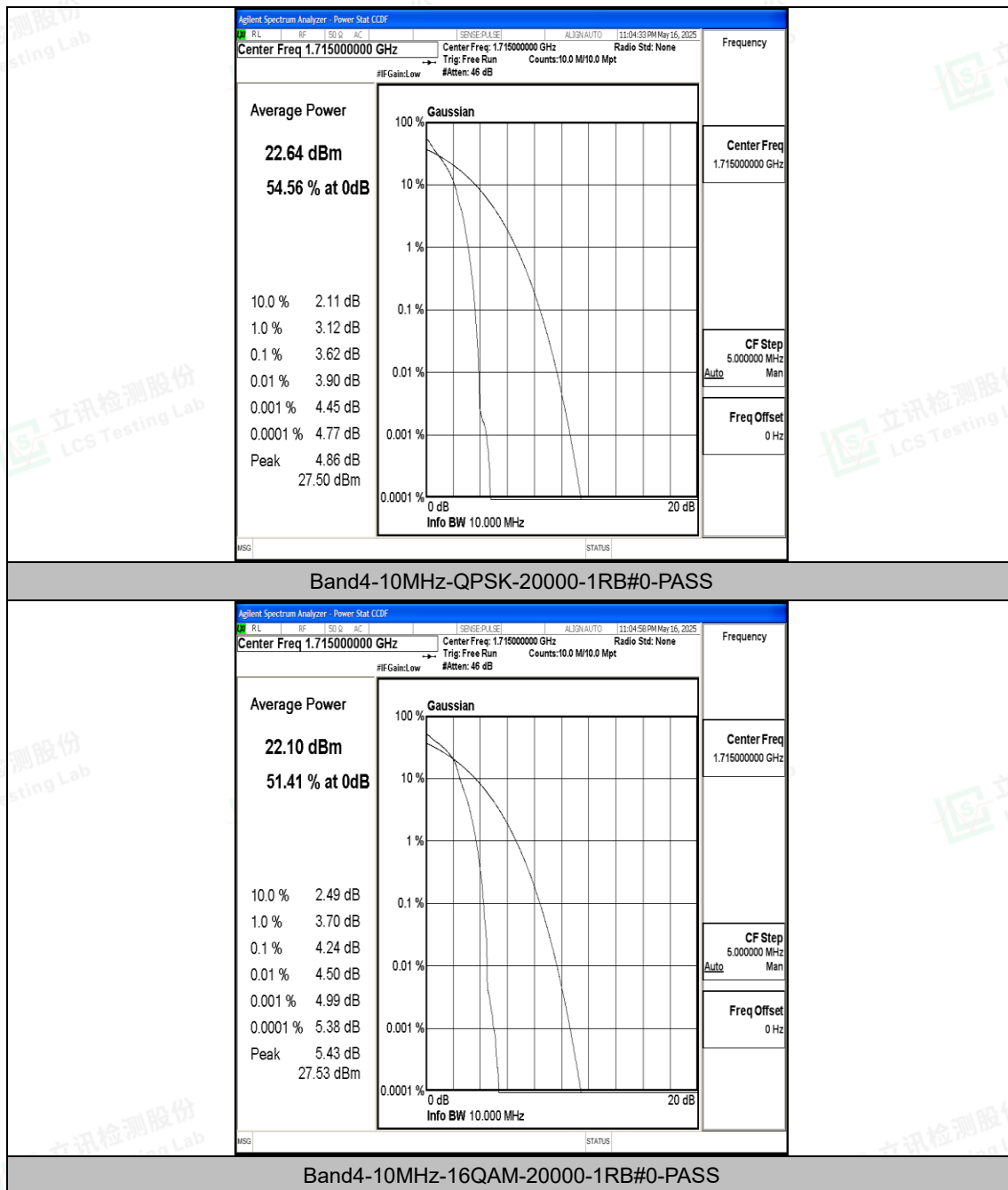


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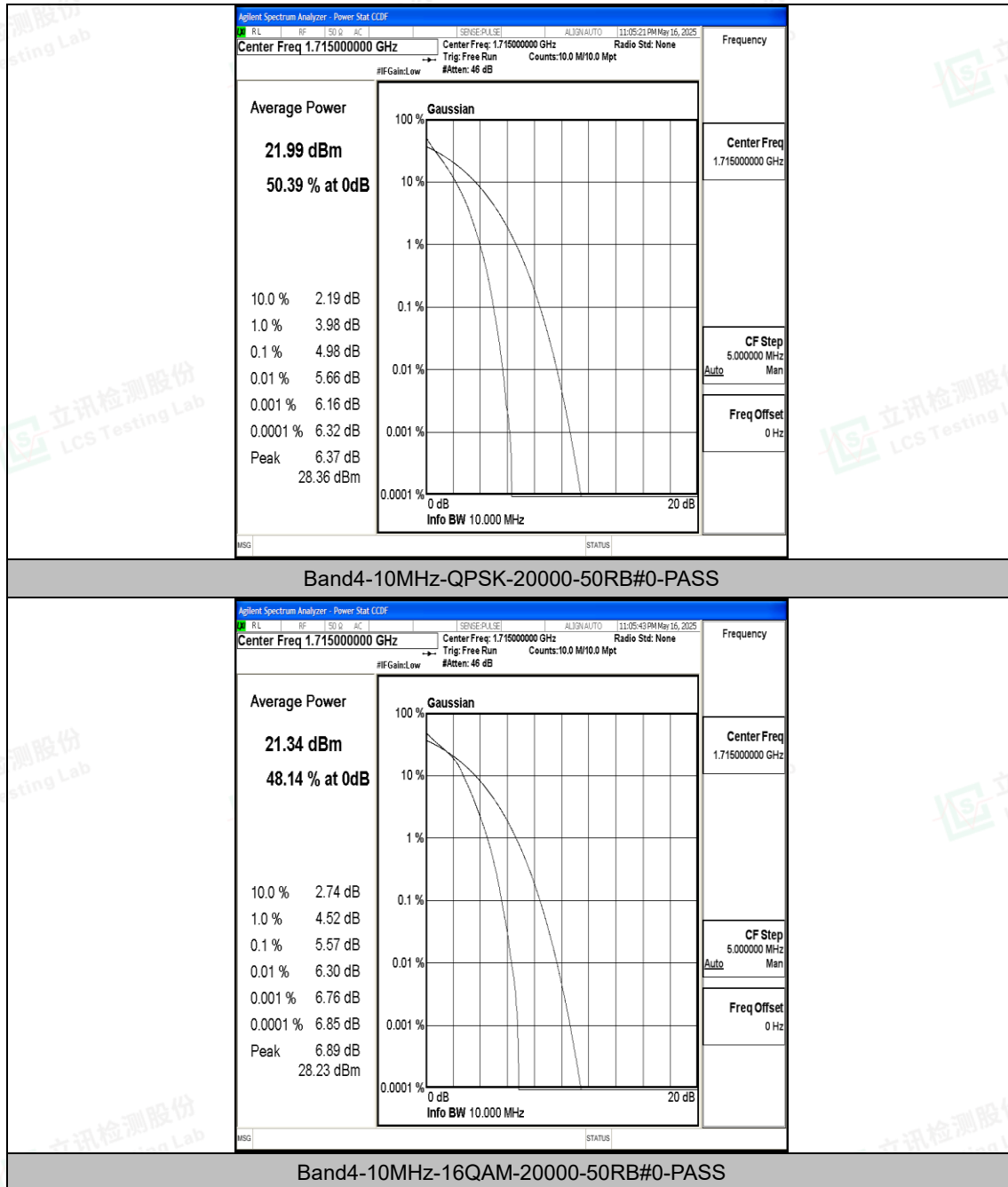


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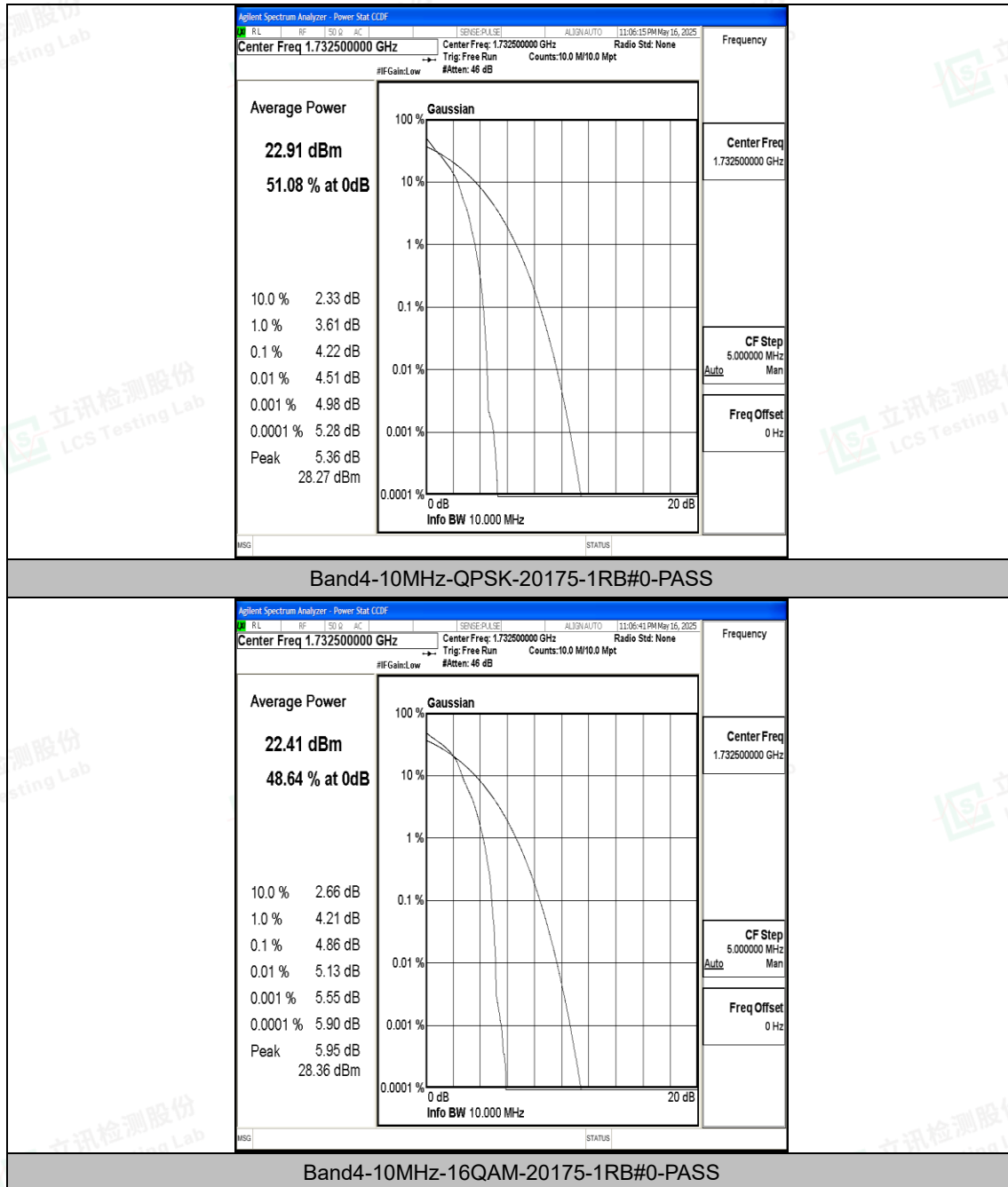


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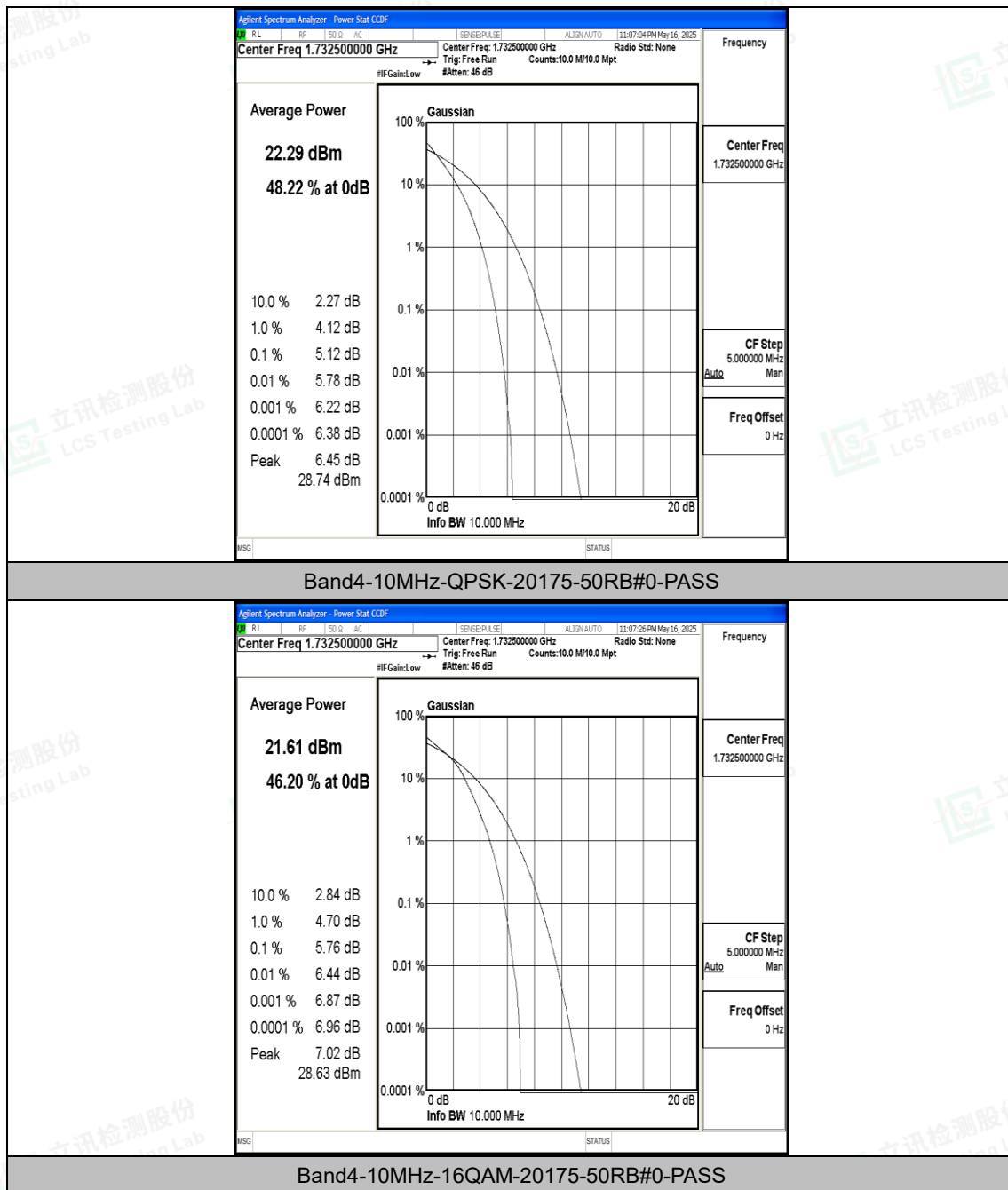


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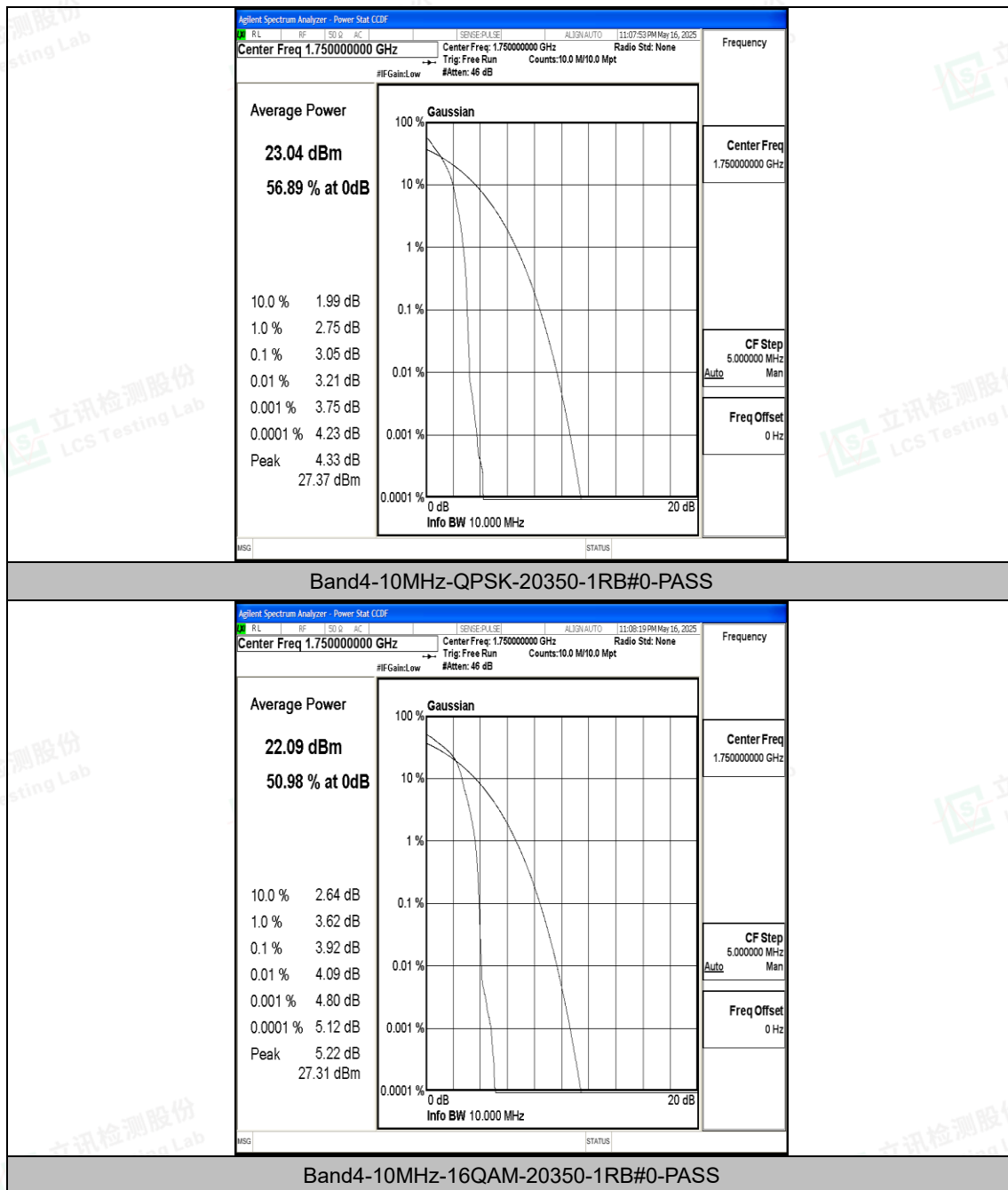


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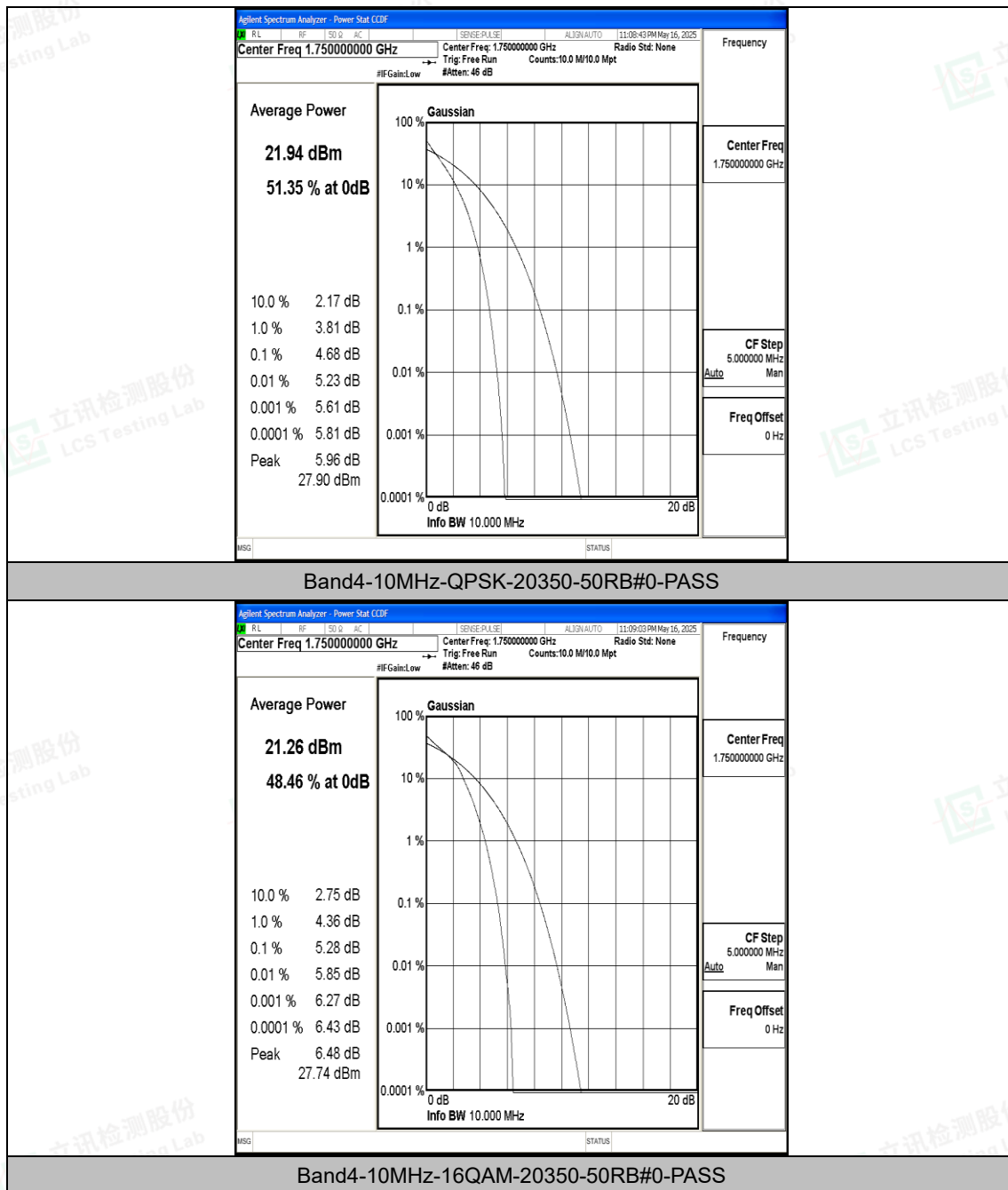


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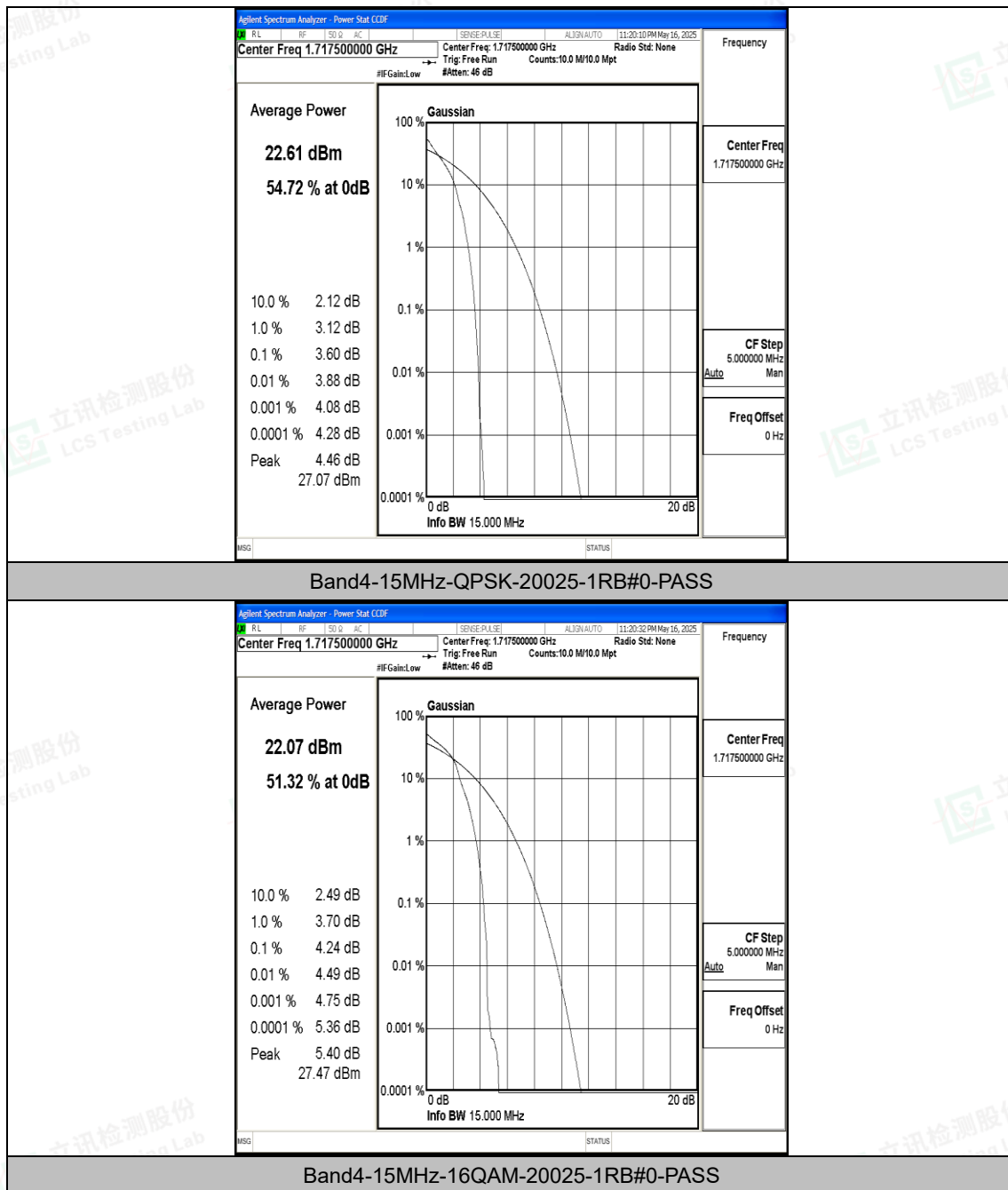


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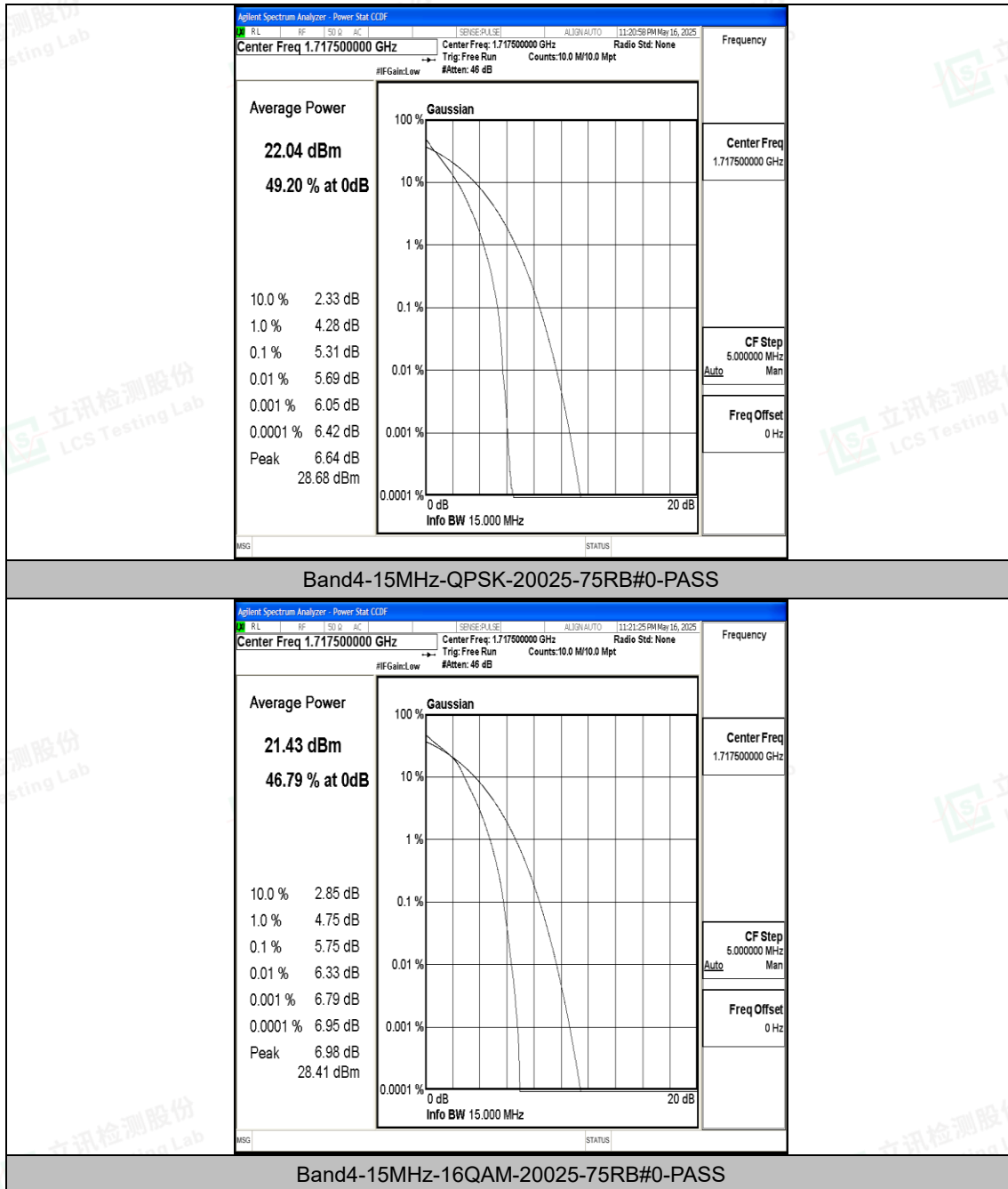


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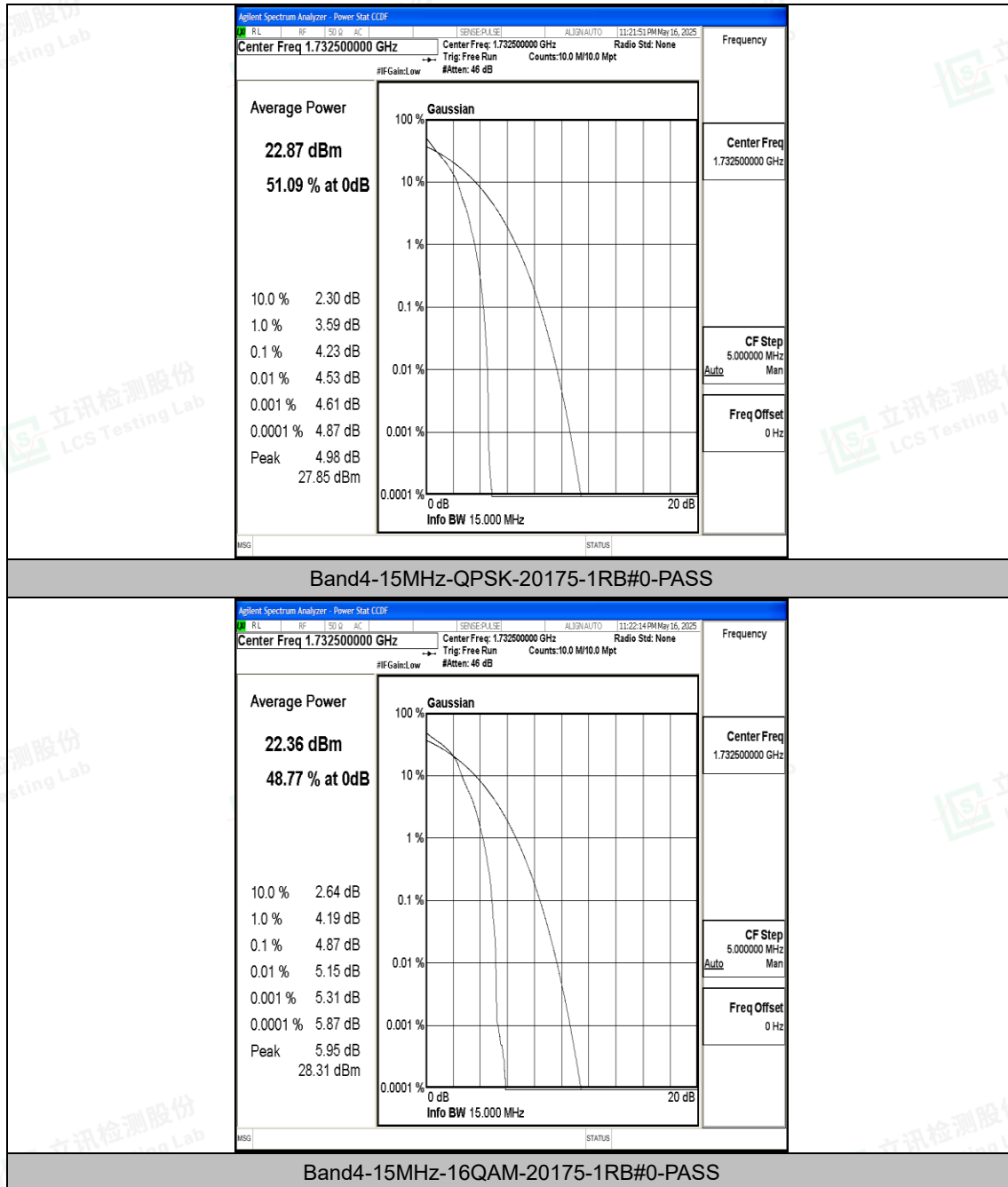


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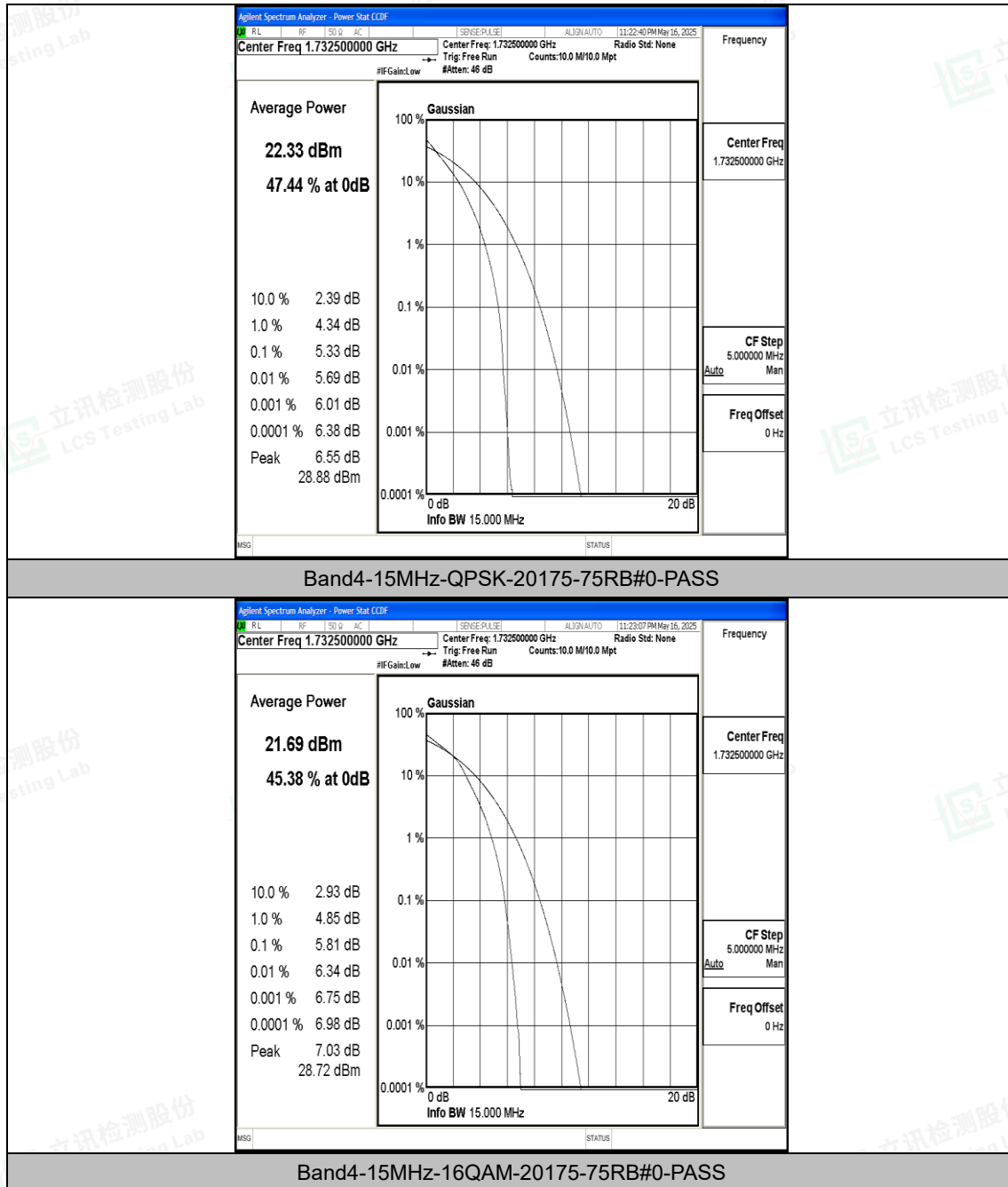


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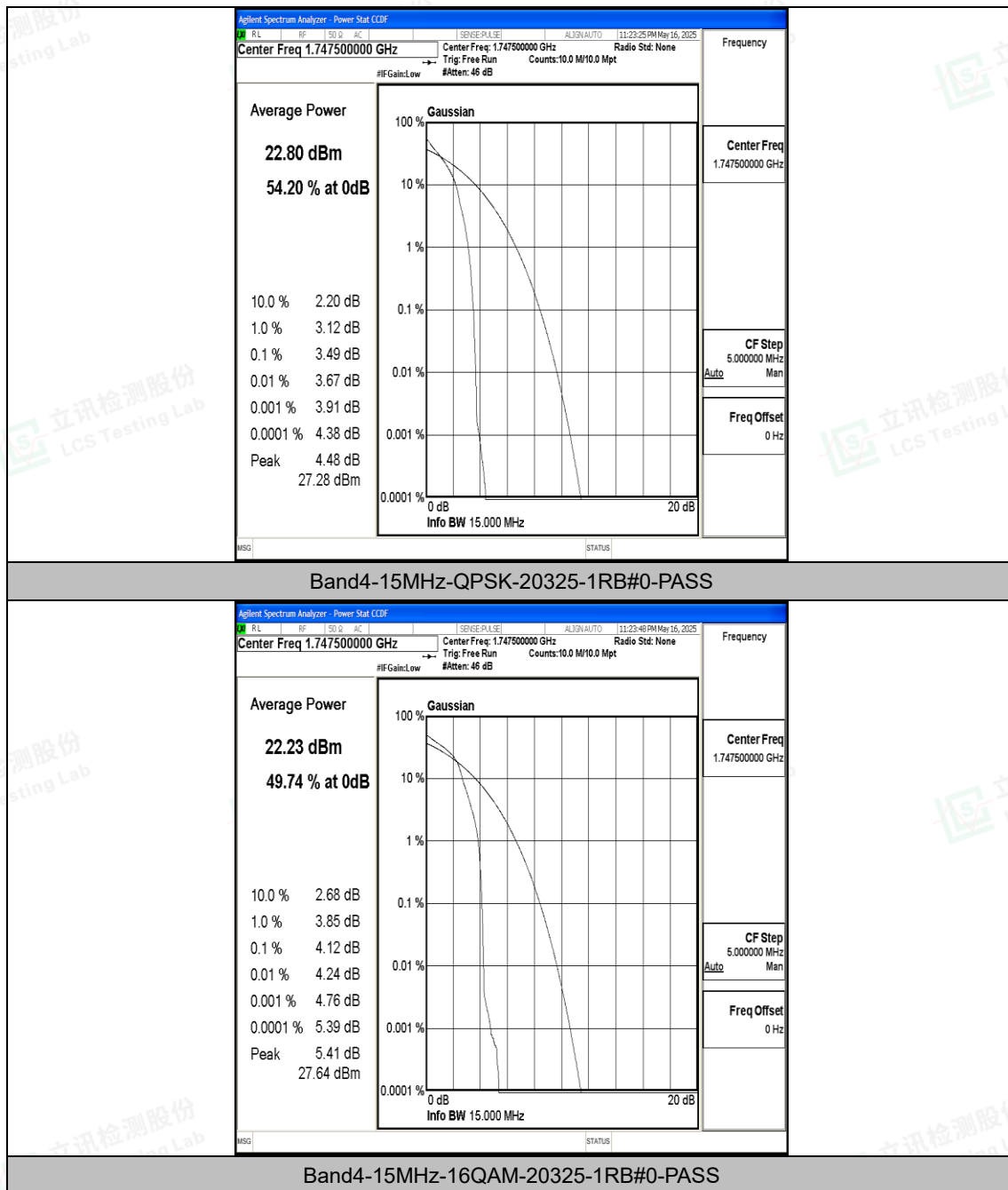


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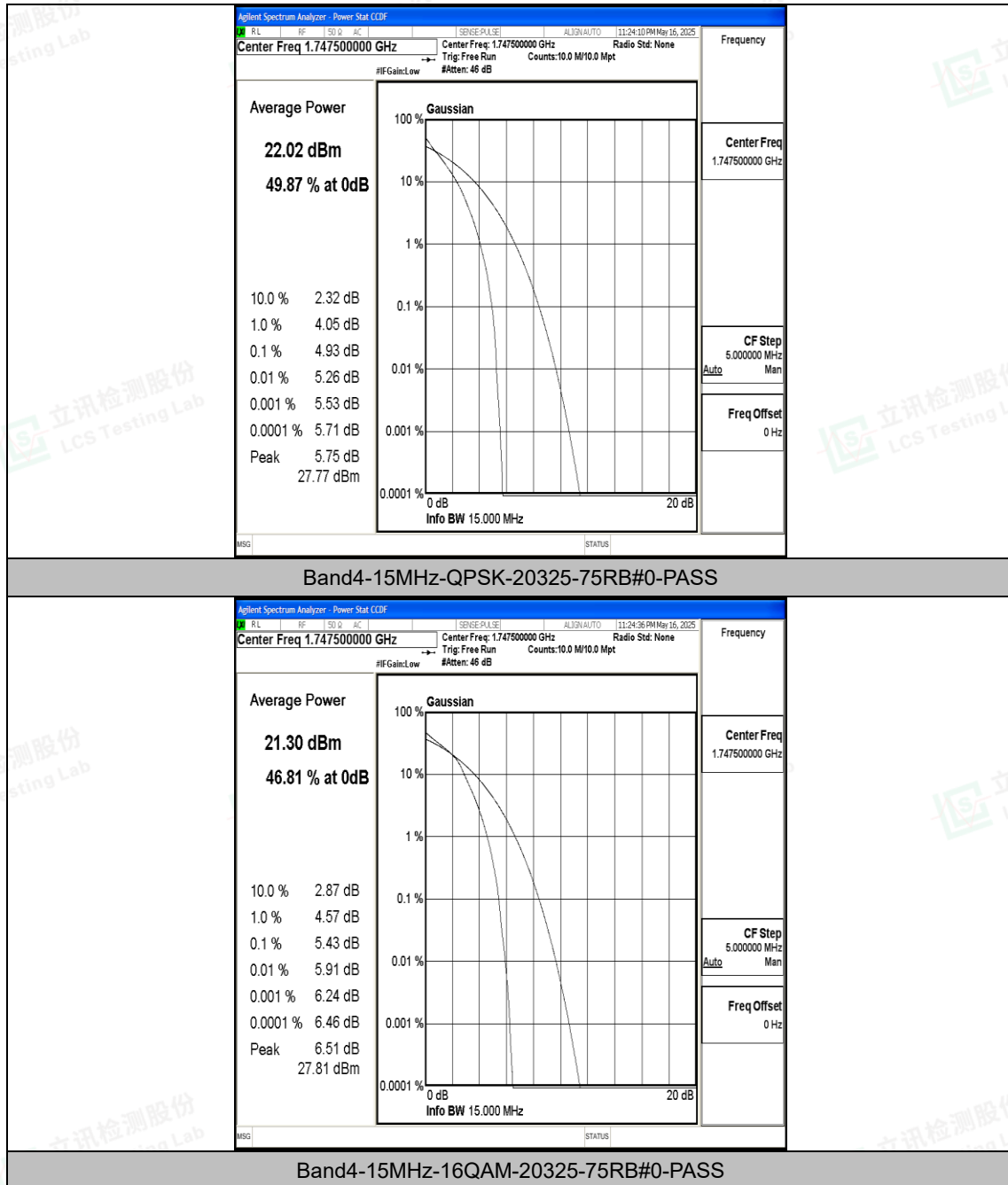


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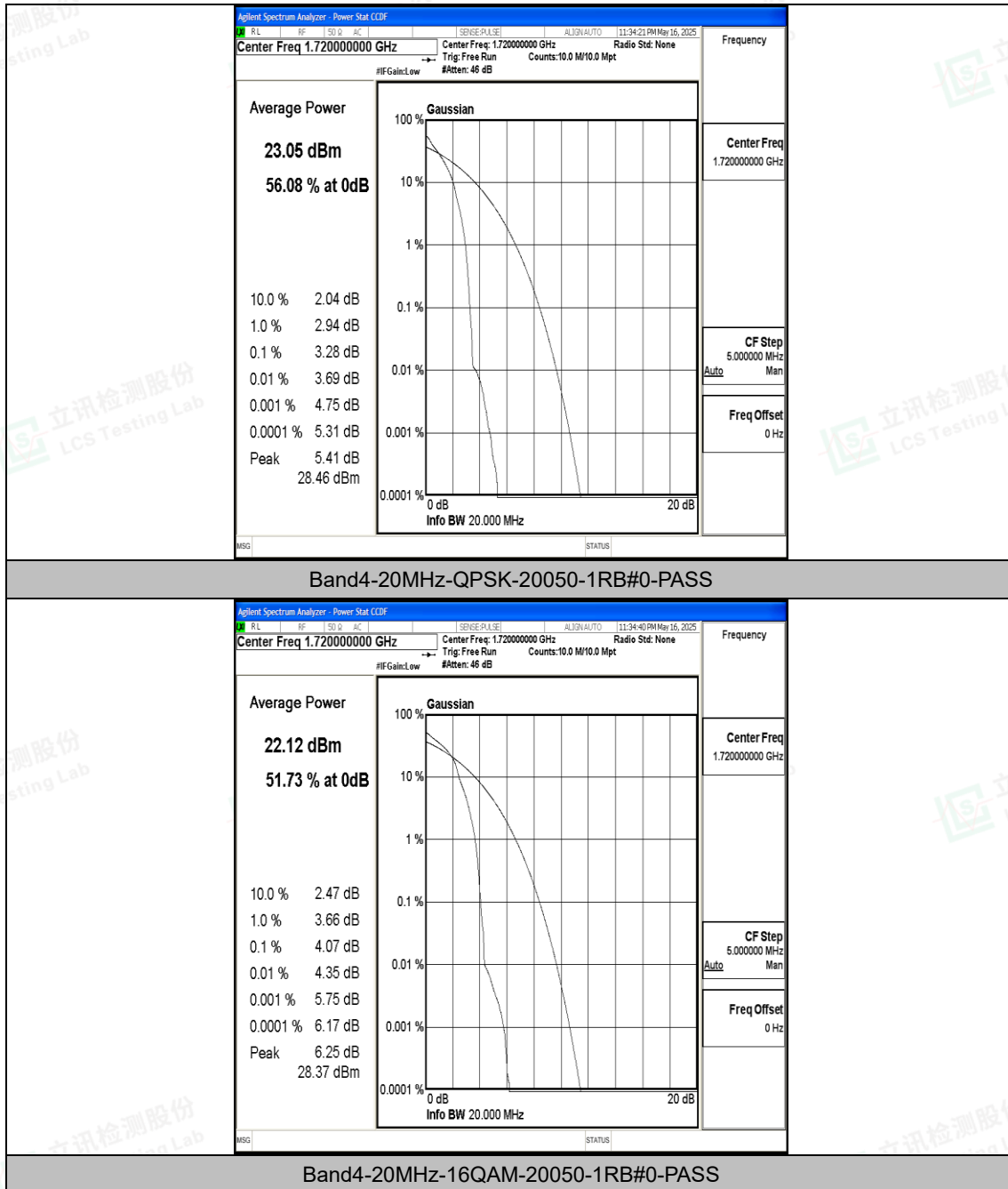


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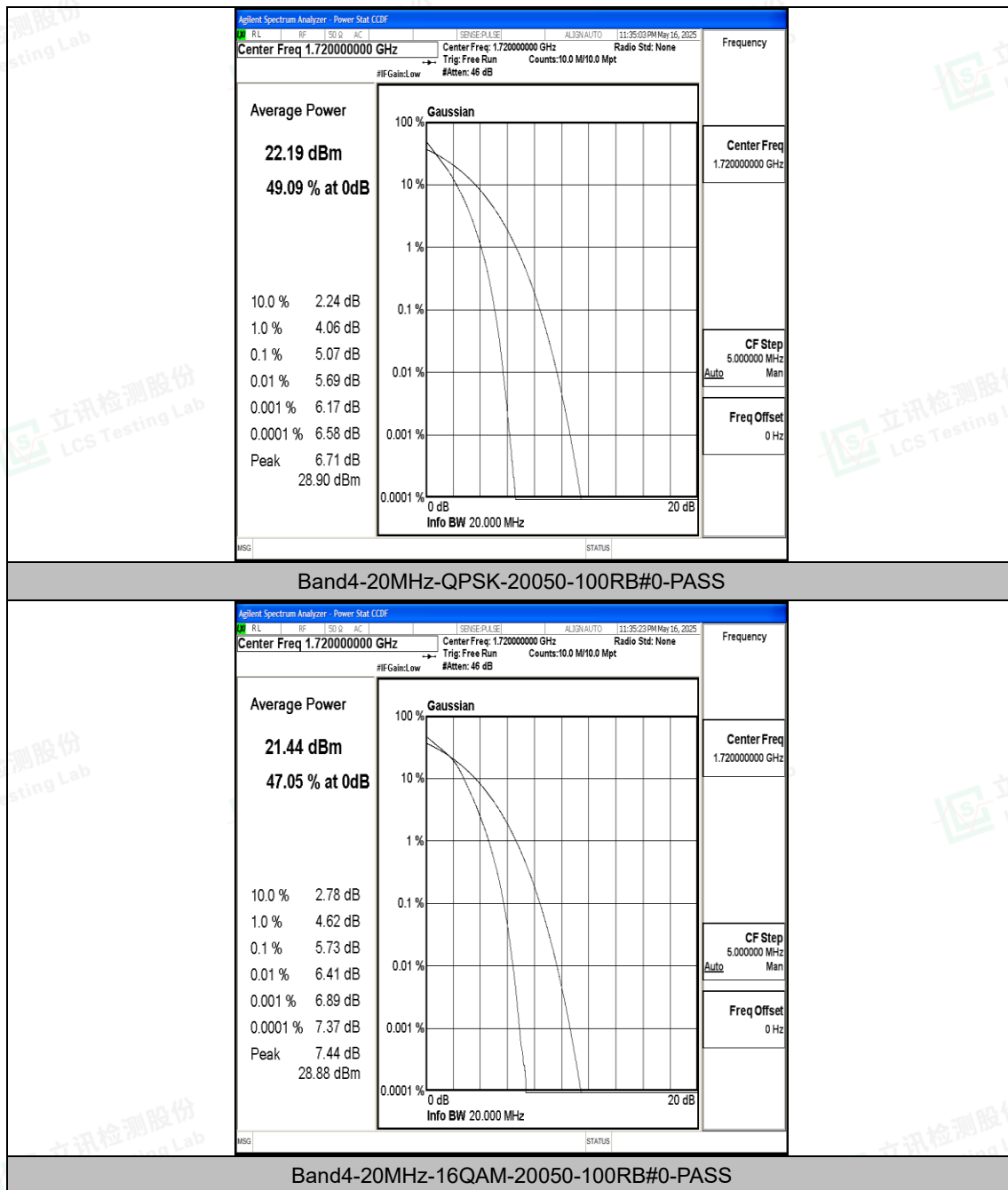


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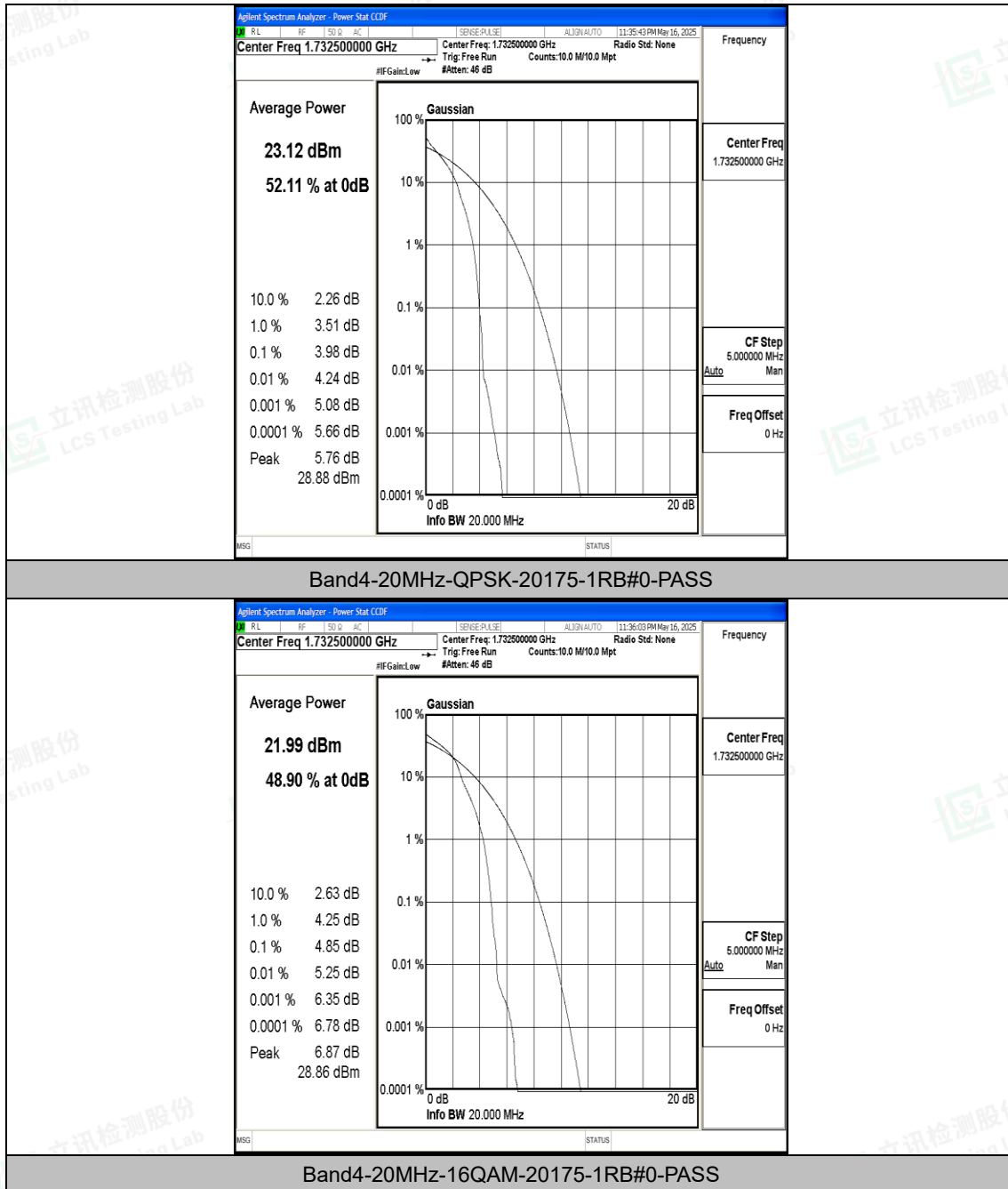


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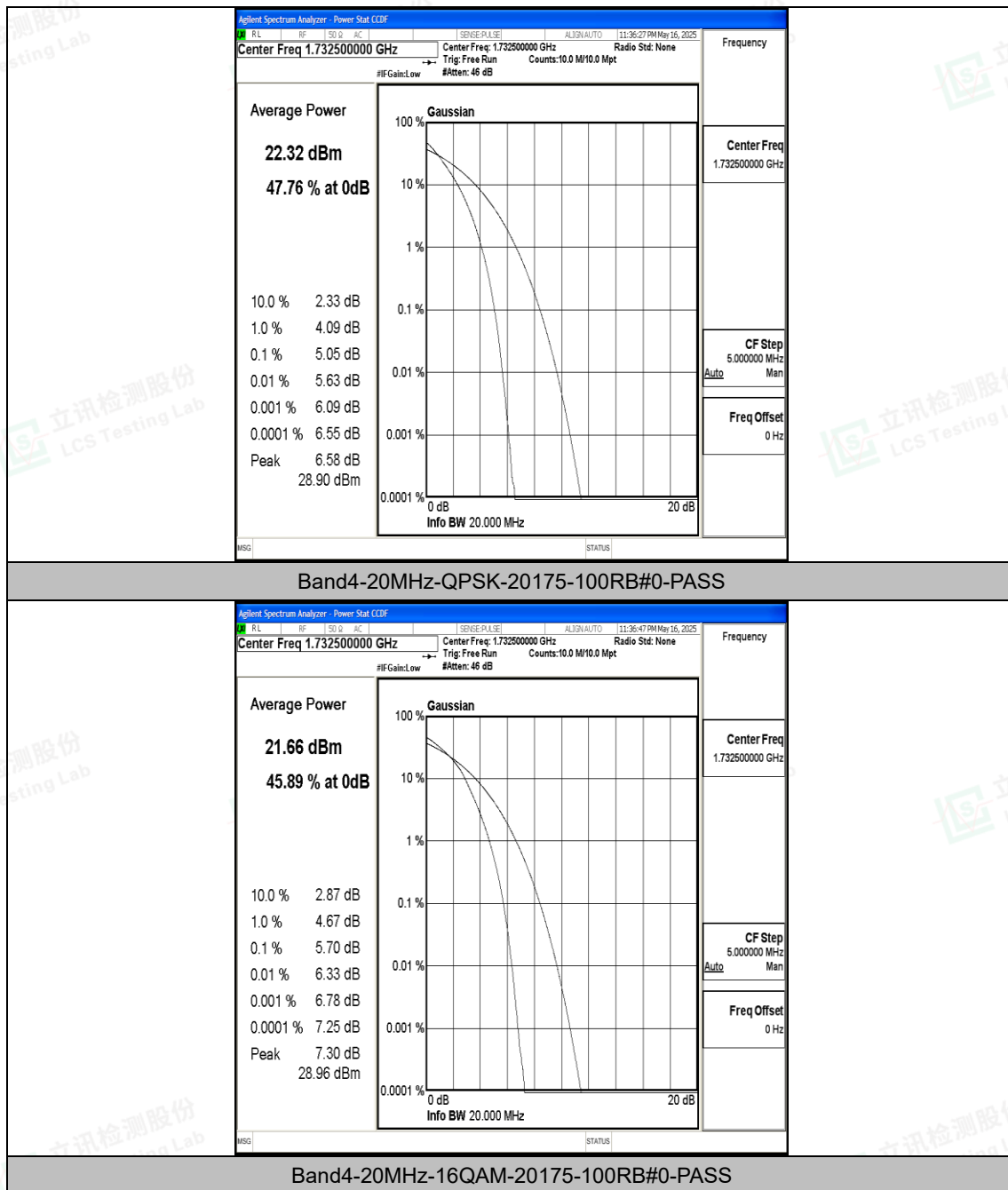


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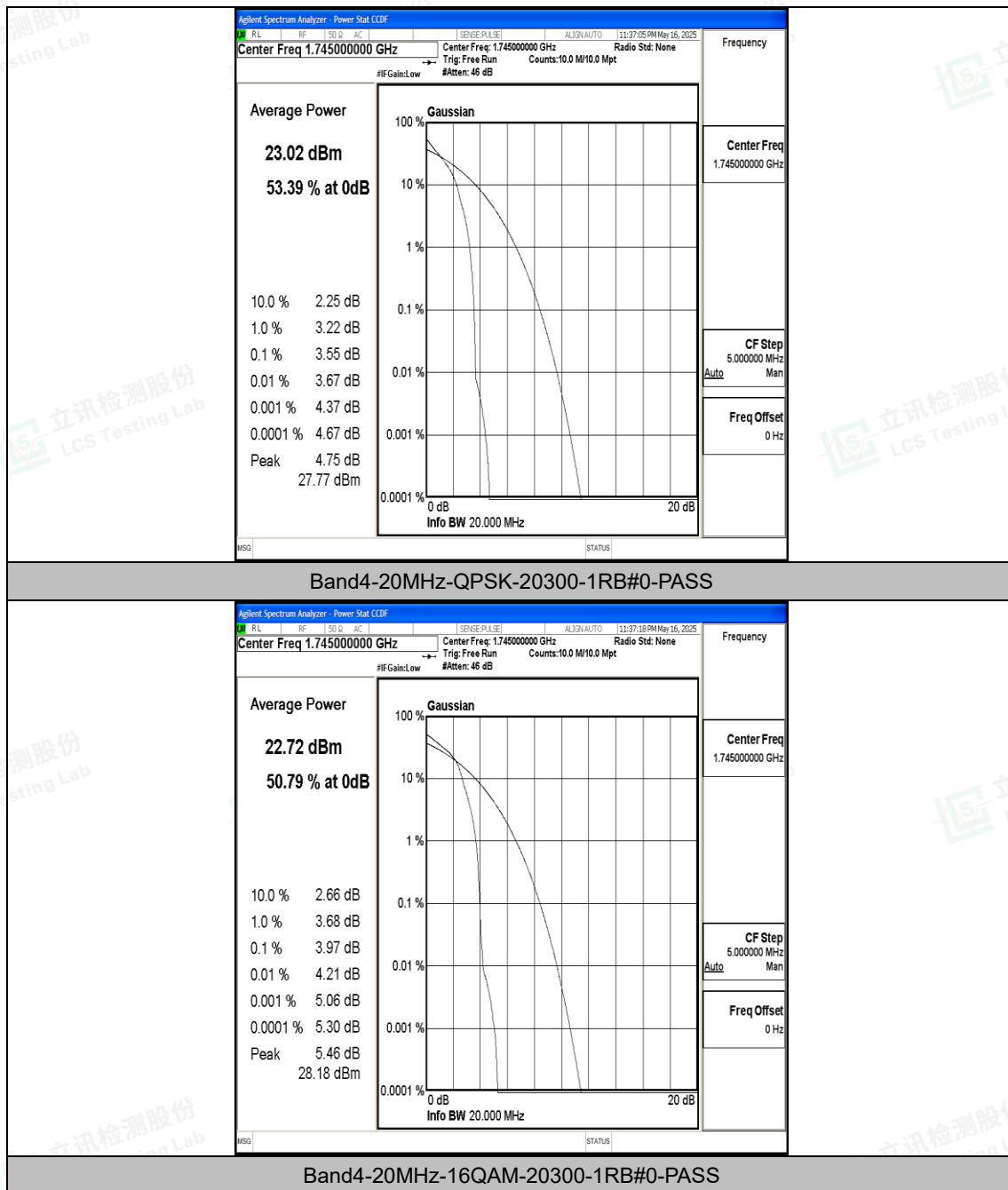


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