



Appendix I Test Data for E-UTRA Band 4

Product Name: Translator

Test Model: V9000

Environmental Conditions

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



I.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	20.76	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	19.86	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	20.80	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	19.92	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	20.85	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	19.89	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	20.79	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	19.92	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	20.84	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	19.81	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	20.76	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	19.85	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	19.86	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.05	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.23	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	20.92	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	21.25	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	20.90	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	21.28	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.16	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	21.30	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.14	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	21.29	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	20.13	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	21.34	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.15	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	20.47	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	19.59	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.90	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.47	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.93	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.43	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.92	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.42	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	21.90	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	20.49	PASS



Band4	1.4MHz	QPSK	20393	3RB#1	21.92	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	20.50	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	21.87	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.96	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.21	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.94	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.13	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.98	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.14	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.93	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.20	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.27	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.58	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.29	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.58	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.24	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.57	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.22	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.44	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.08	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.11	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.07	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.05	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.07	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.07	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.09	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.41	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.09	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.41	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.02	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.47	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.07	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.13	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.83	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.15	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.93	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.17	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.89	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.17	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.99	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.29	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.08	PASS



Band4	3MHz	16QAM	20385	8RB#4	21.33	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.08	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.34	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.06	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.41	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.06	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.74	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.03	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.73	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.10	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.69	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.27	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.38	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.24	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.41	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.28	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.40	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.21	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.49	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.76	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.35	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.79	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.29	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.78	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.93	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.20	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.29	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.19	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.28	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.16	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.23	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.12	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.15	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.91	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.71	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.91	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.68	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.92	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.88	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.11	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.28	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.14	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.26	PASS



Band4	5MHz	QPSK	20375	12RB#13	22.10	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.23	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.09	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.26	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.94	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.26	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.95	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.23	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.88	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.12	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.17	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.42	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.19	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.31	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.25	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.30	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.22	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.37	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.98	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.03	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.93	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.01	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.89	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.29	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.14	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.43	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.13	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.42	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.11	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.36	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.09	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.26	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.71	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.53	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.75	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.52	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.75	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.32	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.06	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.33	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.08	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.34	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.98	PASS



Band4	10MHz	16QAM	20350	25RB#25	21.30	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.36	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.95	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.20	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.90	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.21	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.85	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.15	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.14	PASS
Band4	15MHz	16QAM	20025	38RB#0	22.14	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.14	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.13	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.13	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.13	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.13	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.31	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.46	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.45	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.07	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.96	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.17	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.12	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.00	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.02	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.10	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.10	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.99	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.99	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.30	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.67	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.36	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.78	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.38	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.84	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.12	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.16	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.17	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.17	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.09	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.09	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.09	PASS



Band4	15MHz	QPSK	20325	75RB#0	22.09	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.23	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.99	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.06	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.92	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.89	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.76	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.84	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.16	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.49	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.18	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.49	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.08	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.38	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.10	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.35	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.03	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.77	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.91	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.64	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.99	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.47	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.14	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.41	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.20	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.33	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.07	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.35	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.16	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.44	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.93	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.71	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.90	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.66	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.99	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.66	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.04	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.39	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.11	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.39	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.06	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.31	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.03	PASS



Band4	20MHz	16QAM	20300	100RB#0	21.25	PASS
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I.2 Peak-to-Average Ratio(CCDF)

Test Result

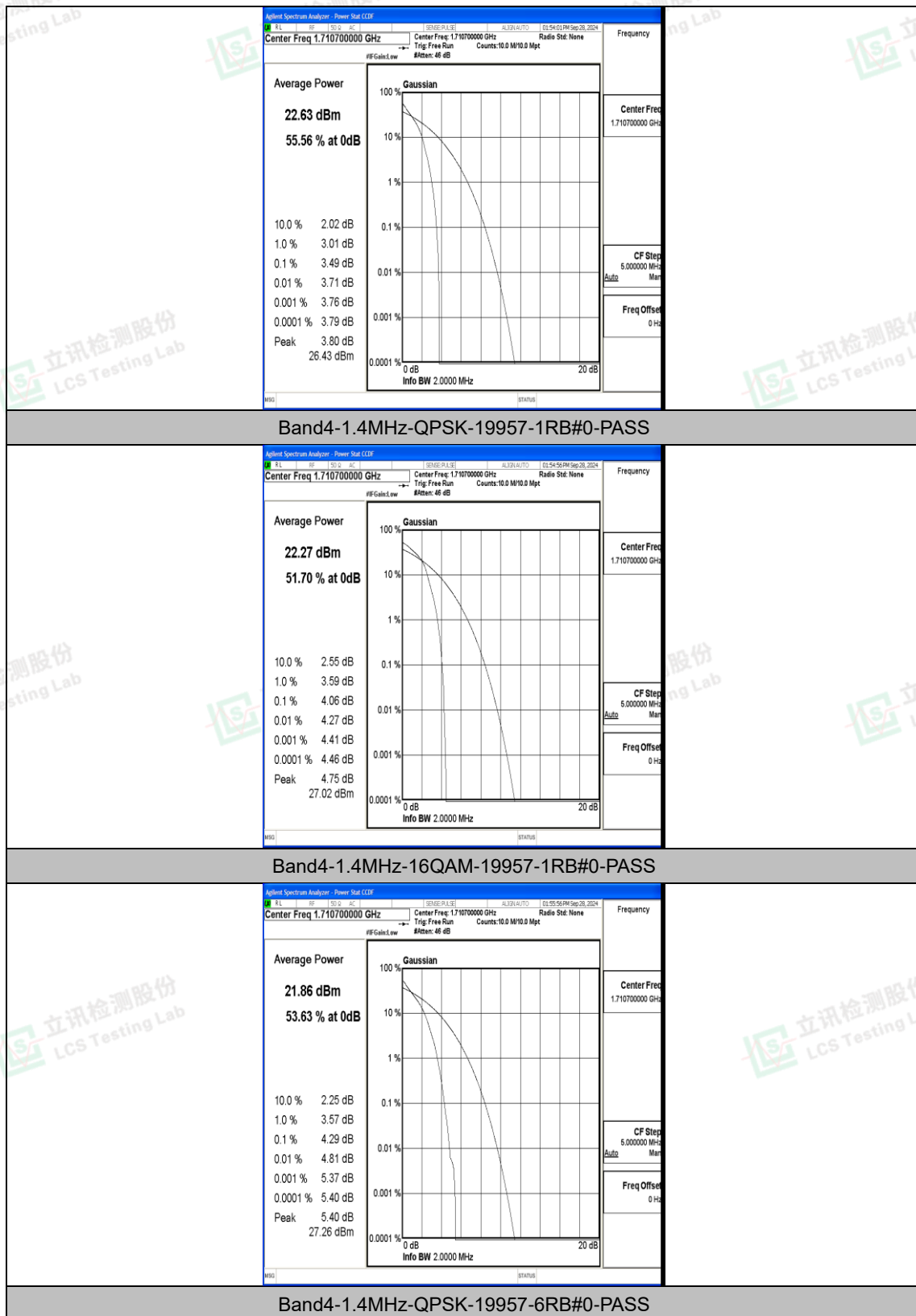
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	3.49	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	4.06	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.29	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	4.96	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.62	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	4.32	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.55	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.22	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.44	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	4.02	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.34	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.04	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	3.47	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.25	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.29	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	4.98	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.55	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.56	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.30	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.49	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.27	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.30	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.04	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	3.55	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	4.38	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.40	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	3.85	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.77	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.98	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.60	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.43	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.39	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.40	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	3.50	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	4.23	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.92	13	PASS

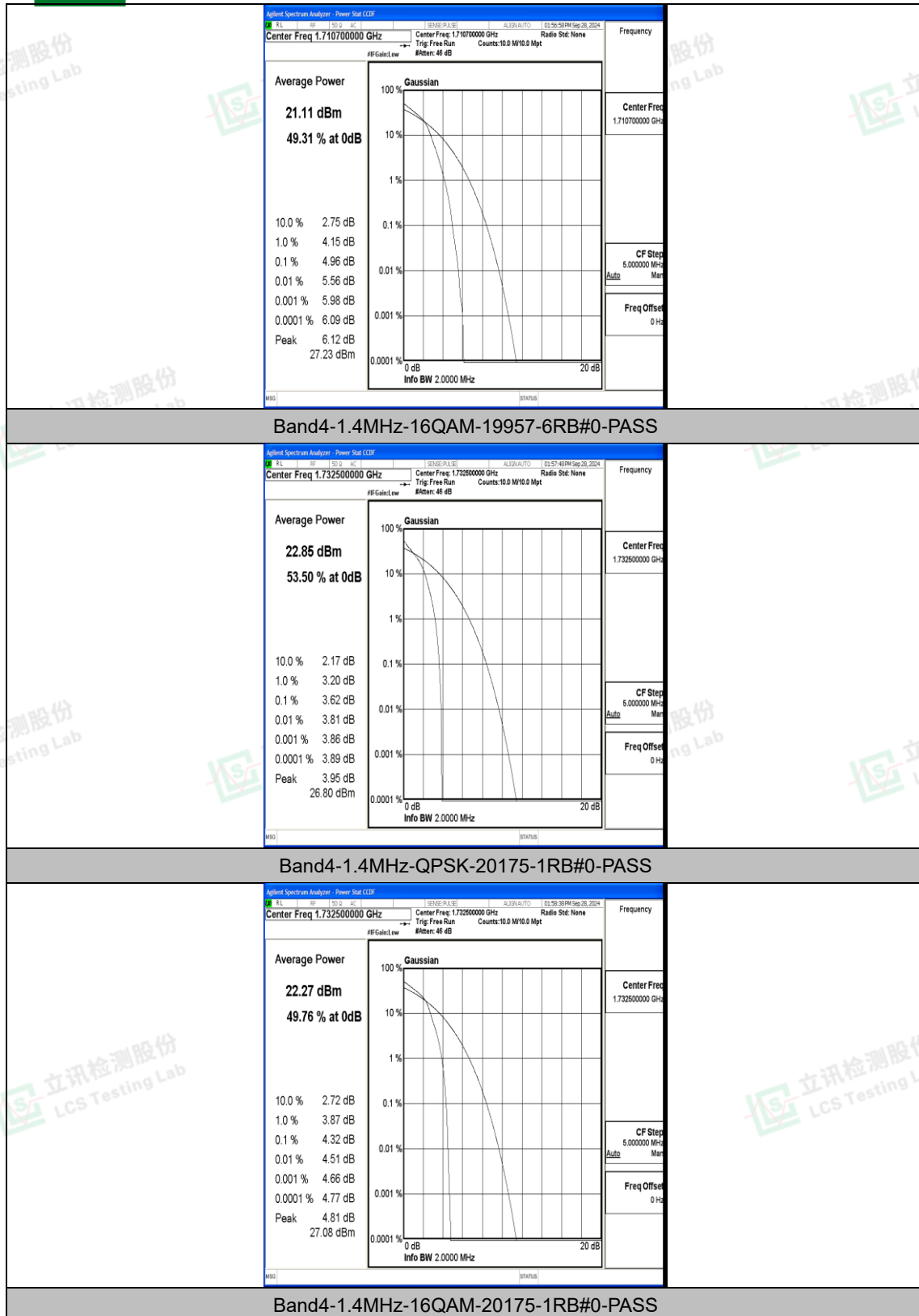


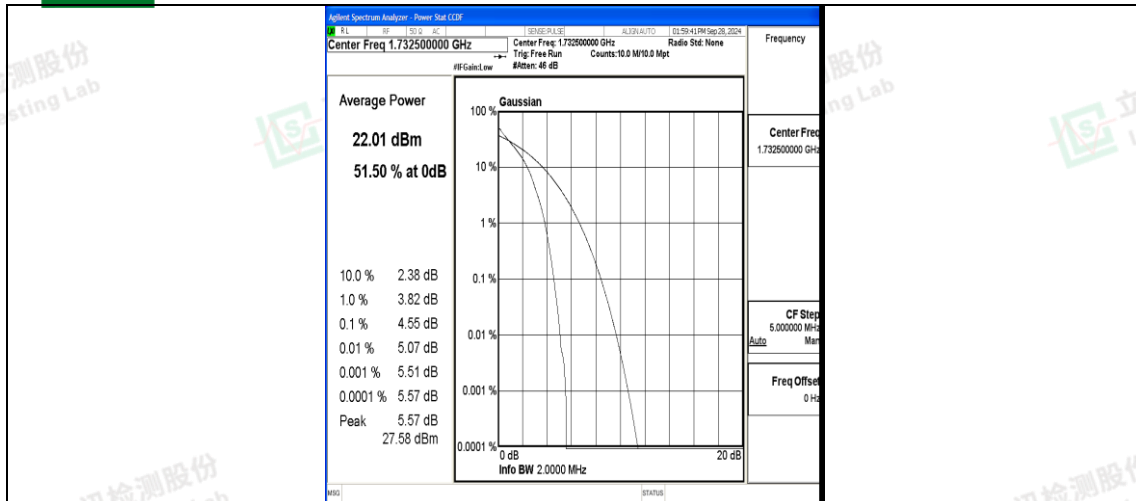
Band4	10MHz	16QAM	20000	50RB#0	5.57	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	3.90	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	4.60	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.96	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.27	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.74	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	3.39	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	4.09	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.98	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.48	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.22	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	4.07	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.00	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.65	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	3.90	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	4.56	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.94	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.64	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	3.35	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	3.94	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.76	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.36	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.74	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.85	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.78	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.67	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	3.11	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	4.02	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.79	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.42	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	3.48	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	4.19	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.24	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.71	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	3.94	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	4.68	13	PASS



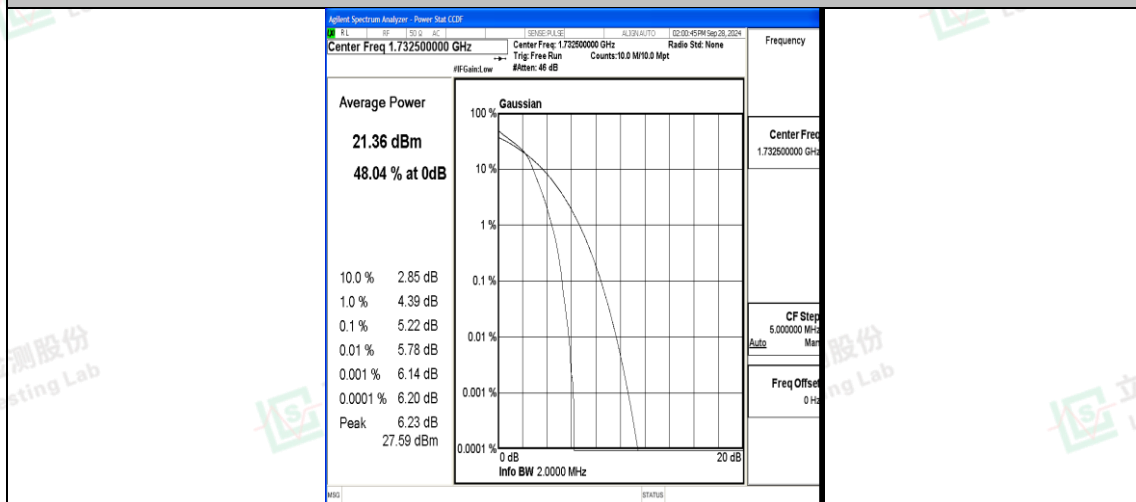
Test Graphs



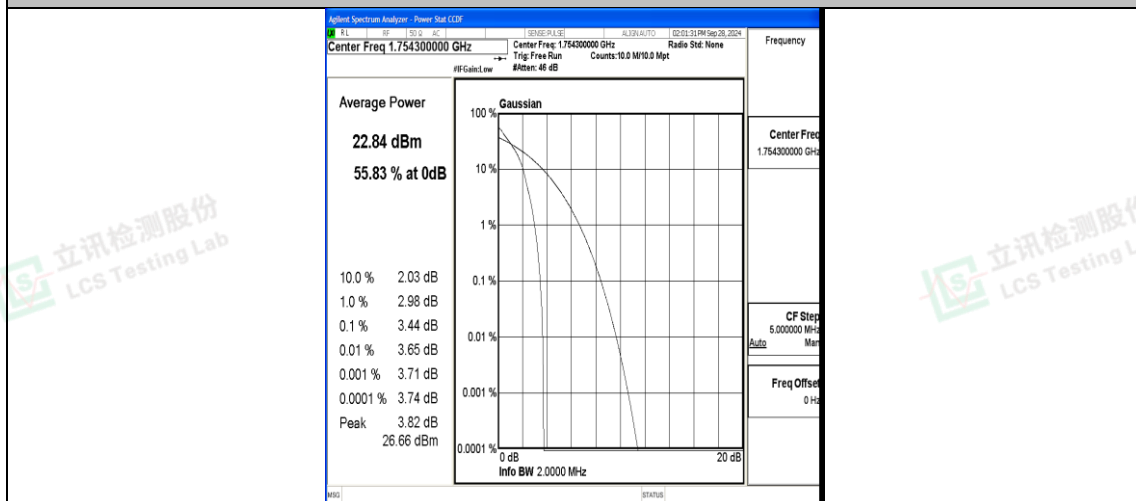




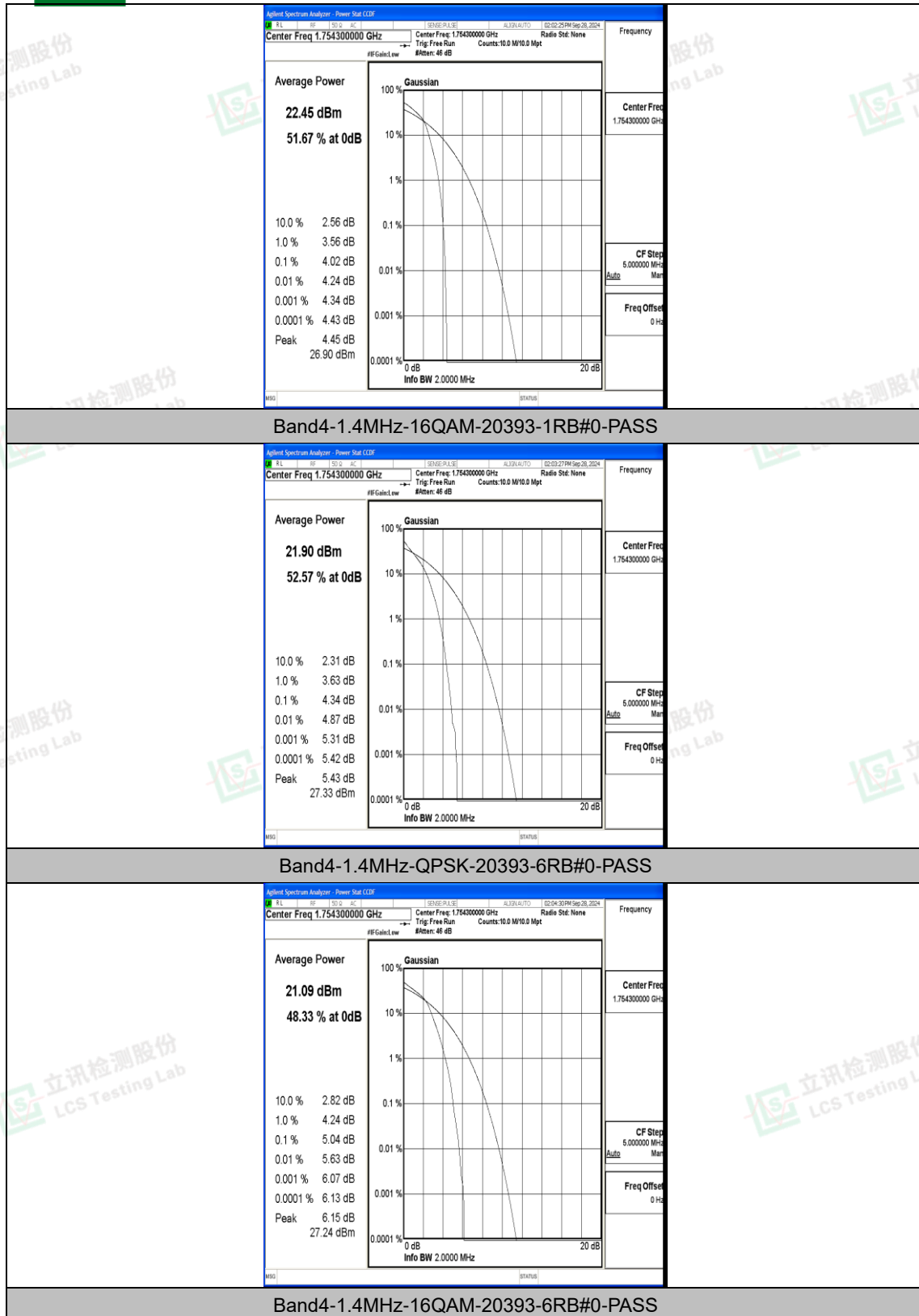
Band4-1.4MHz-QPSK-20175-6RB#0-PASS

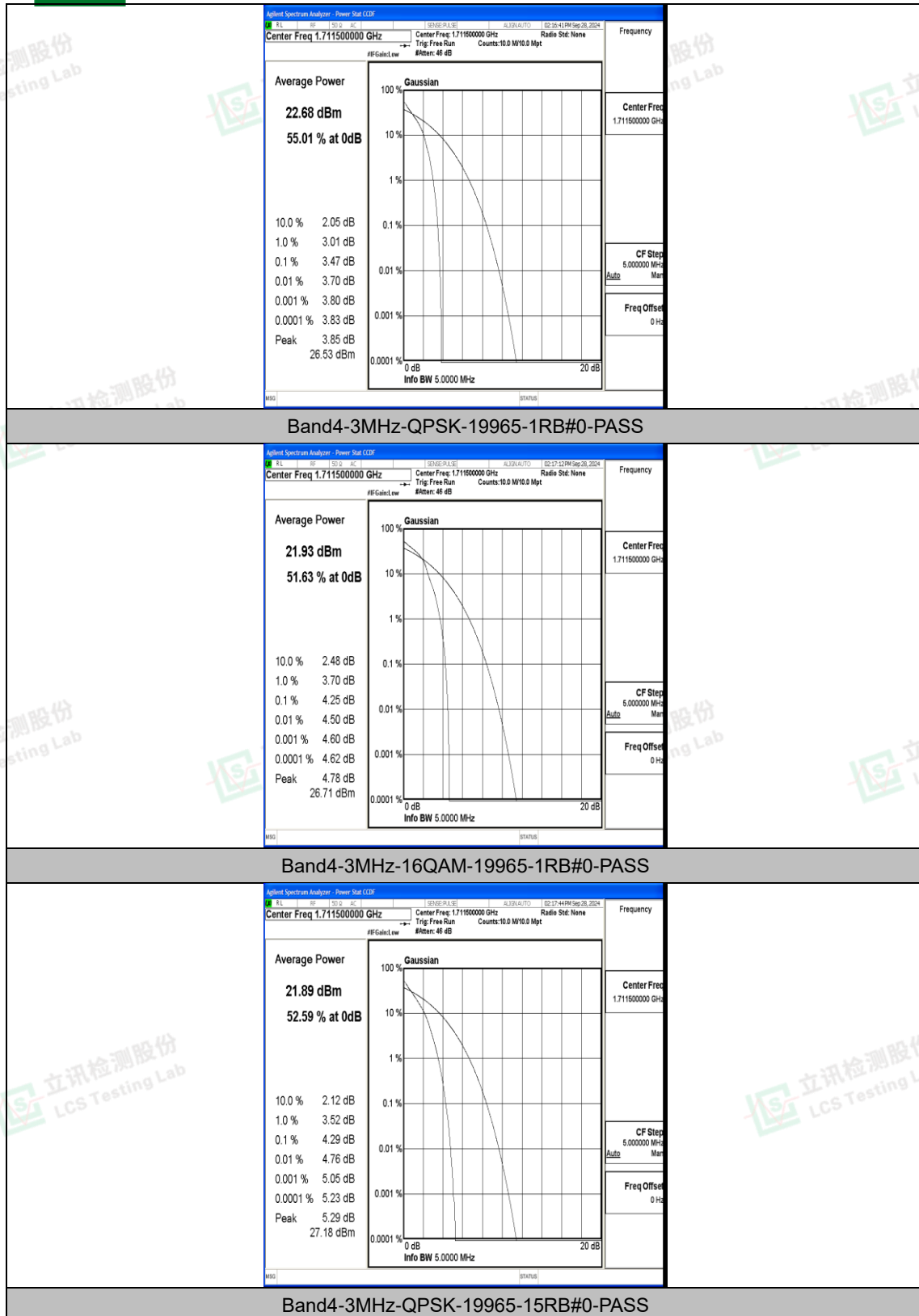


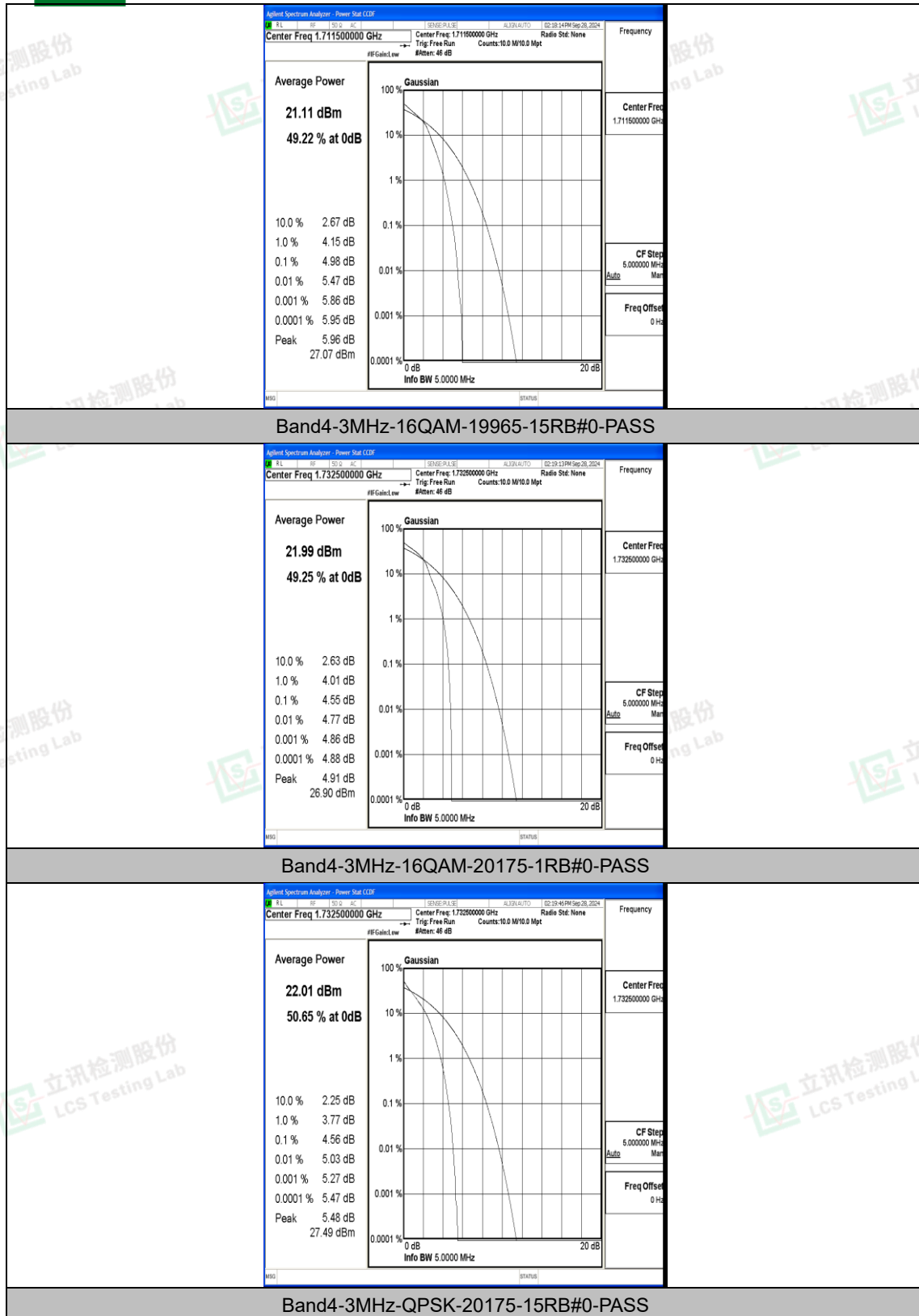
Band4-1.4MHz-16QAM-20175-6RB#0-PASS

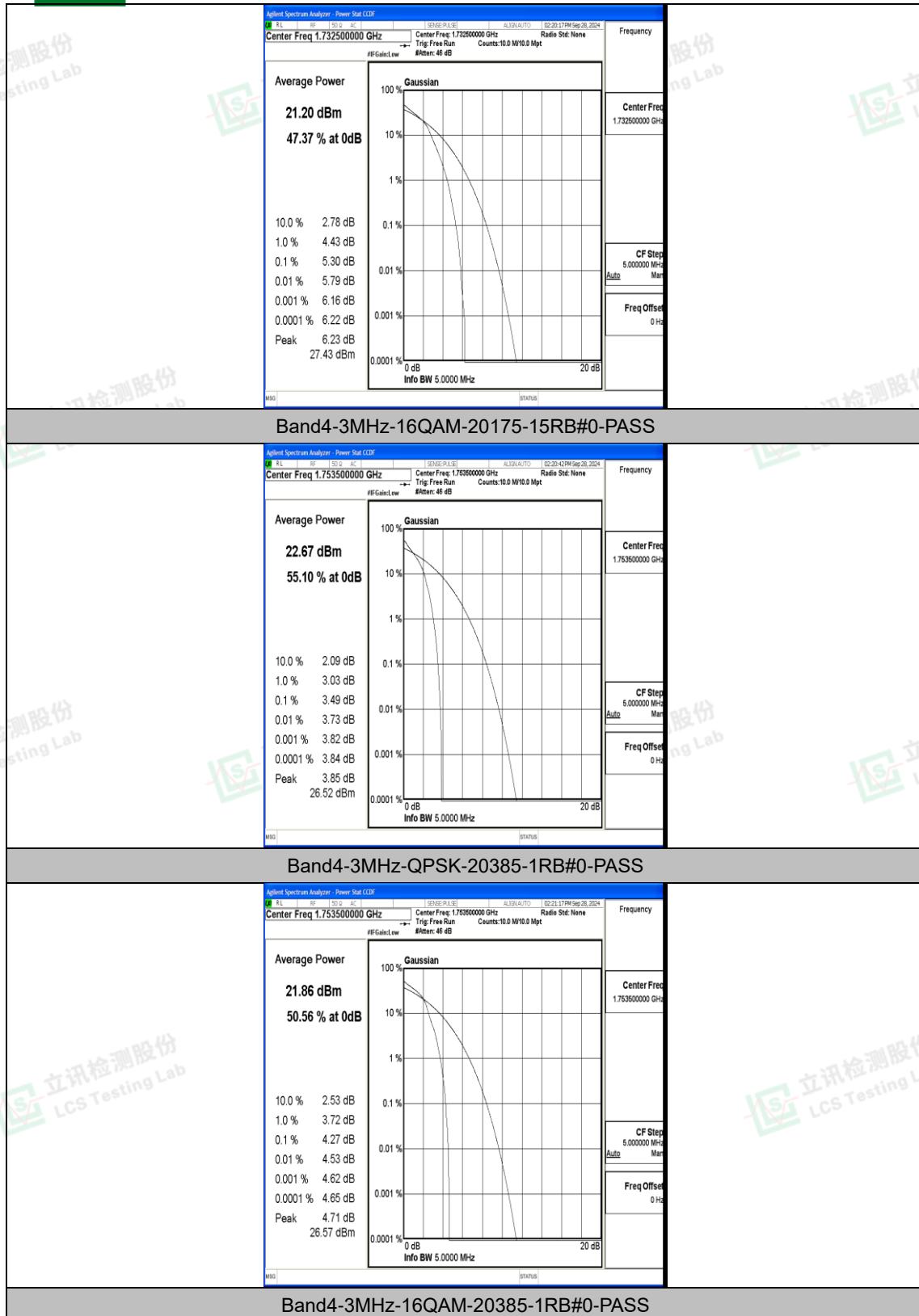


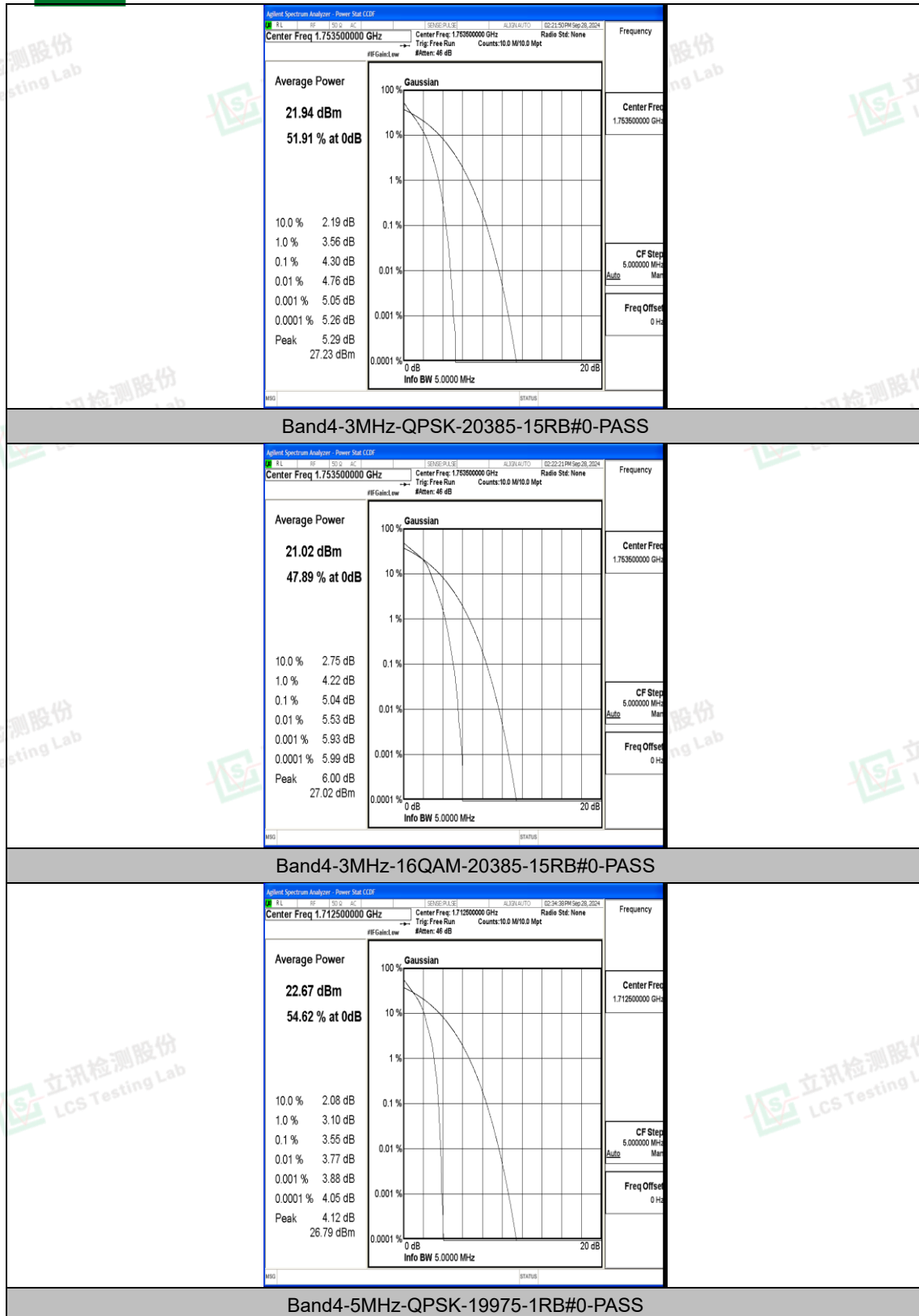
Band4-1.4MHz-QPSK-20393-1RB#0-PASS

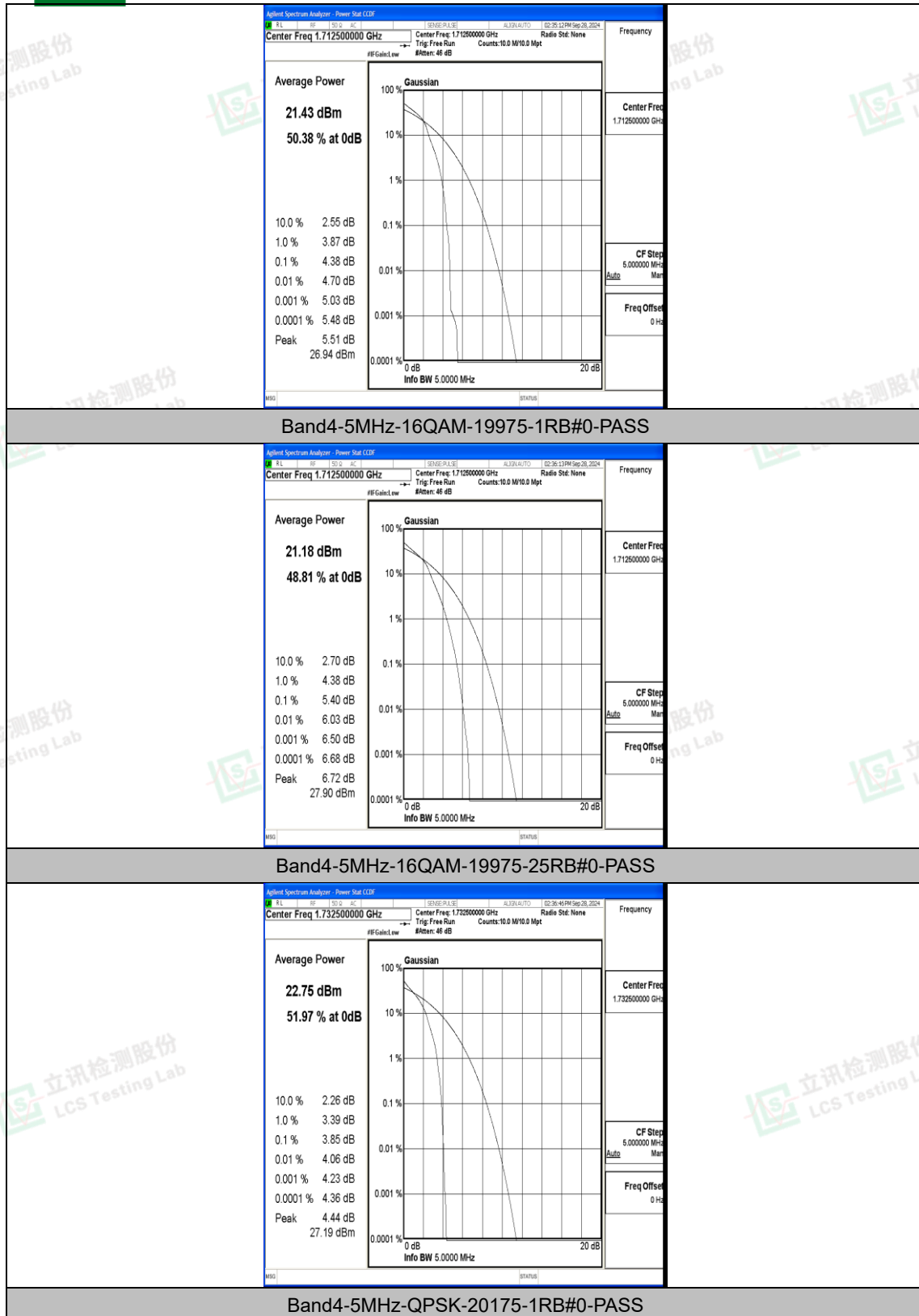


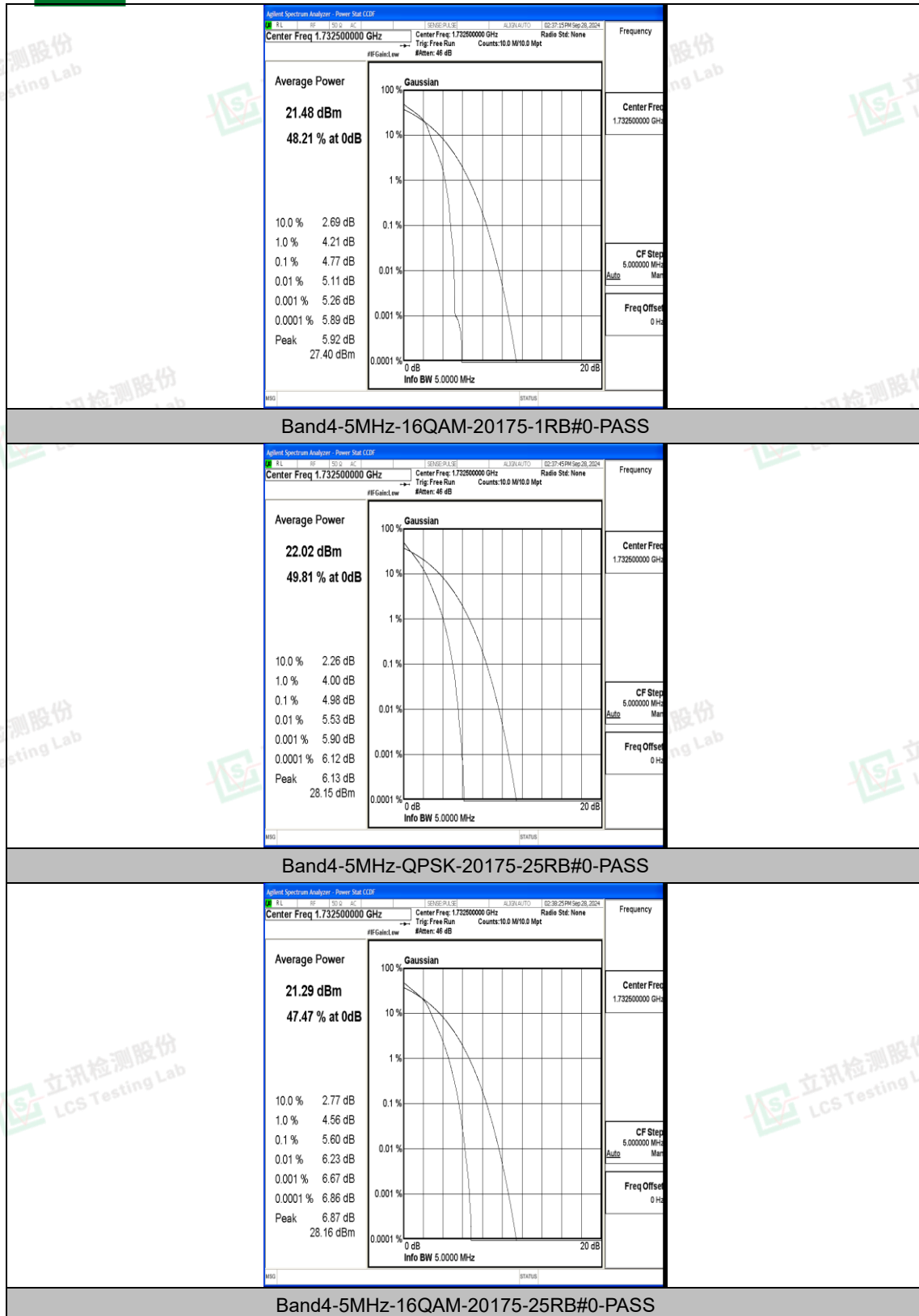


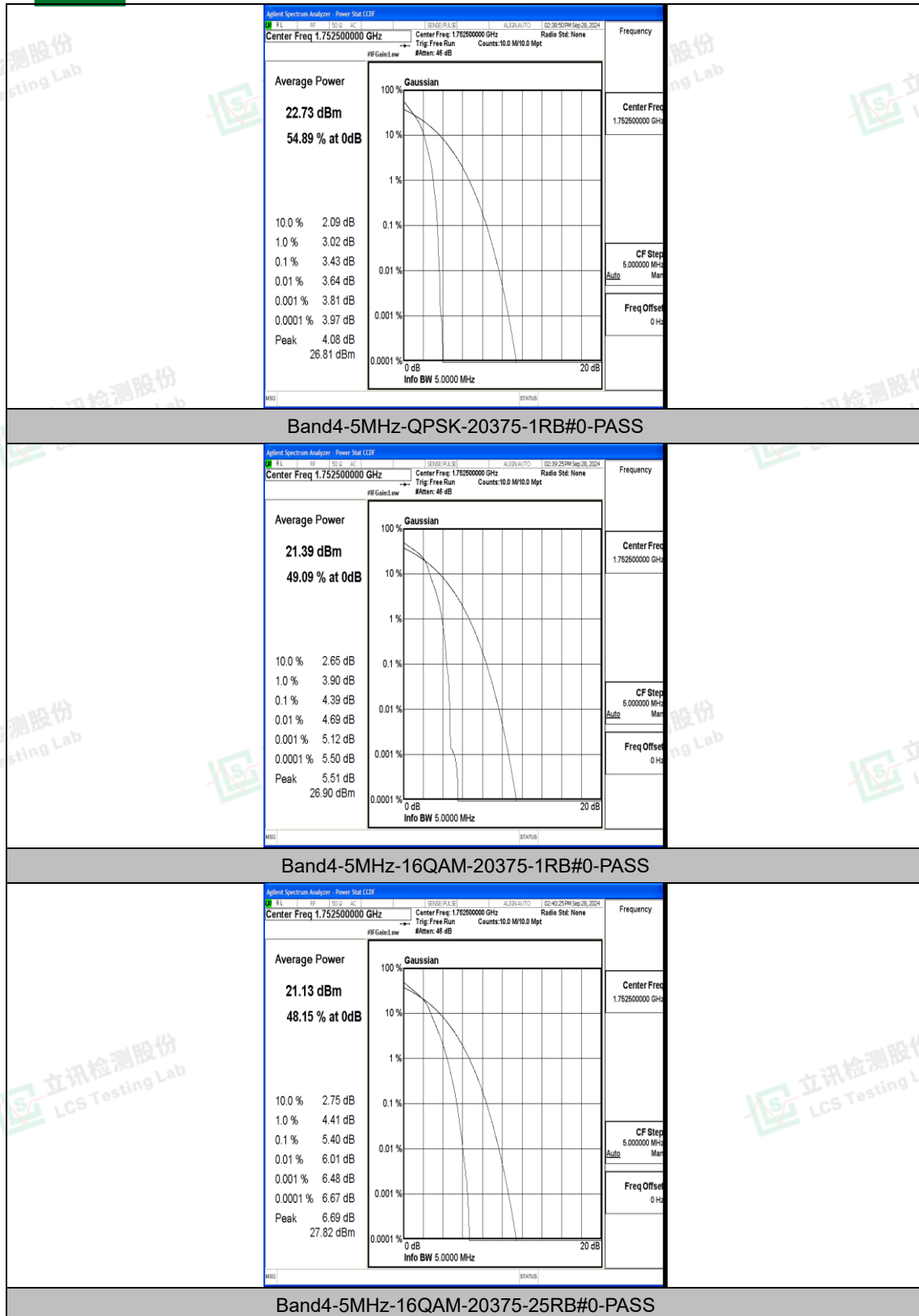


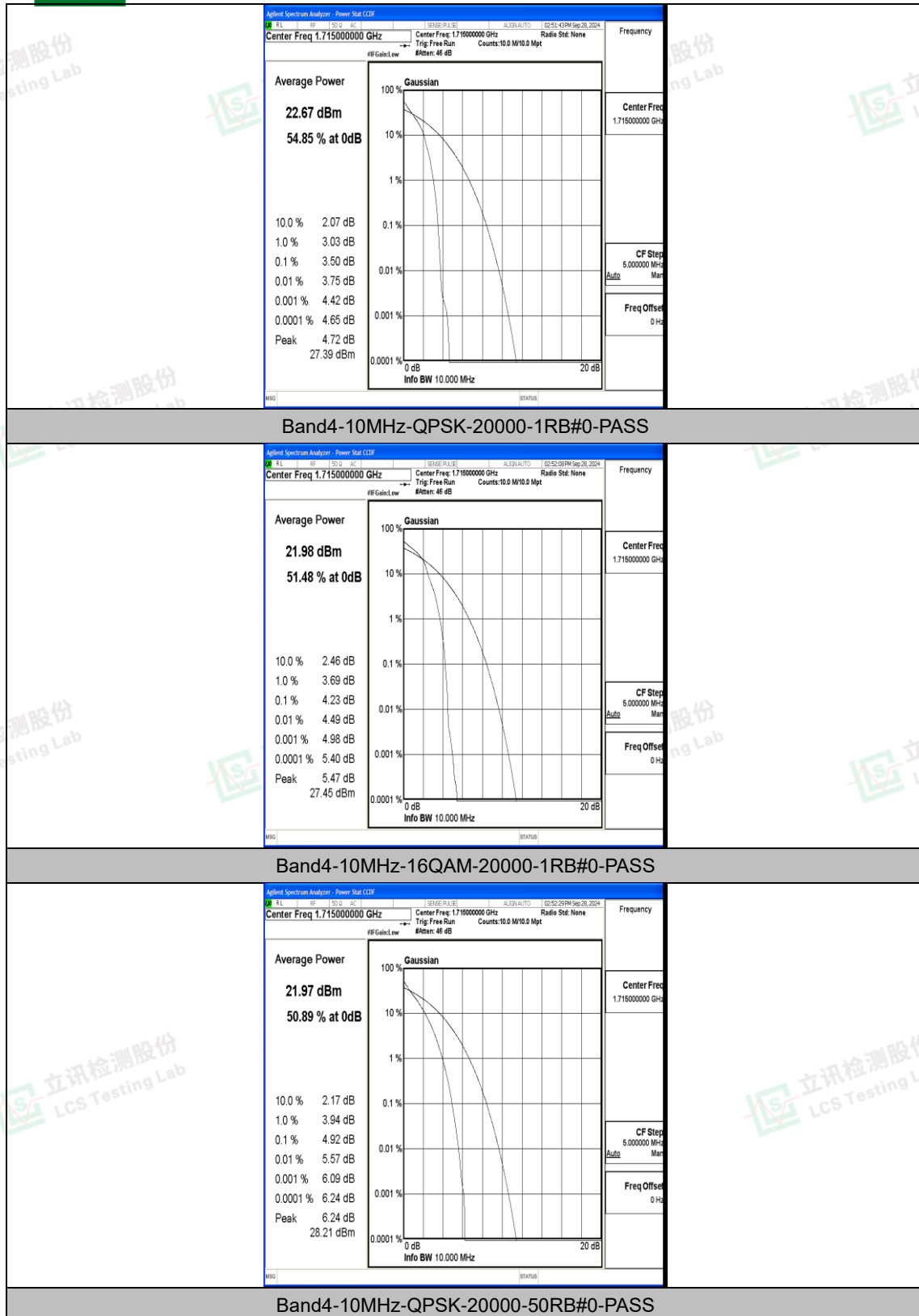


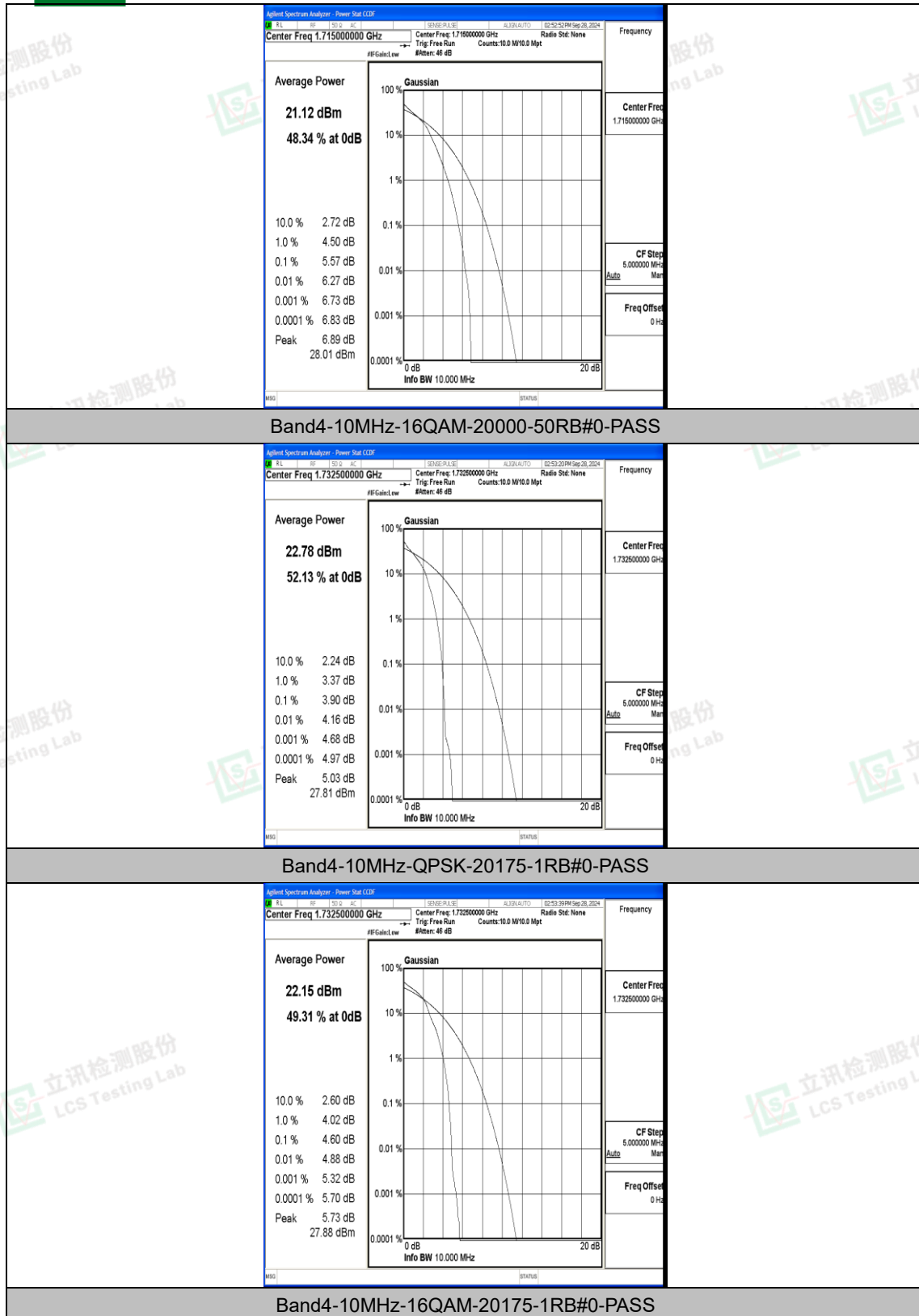


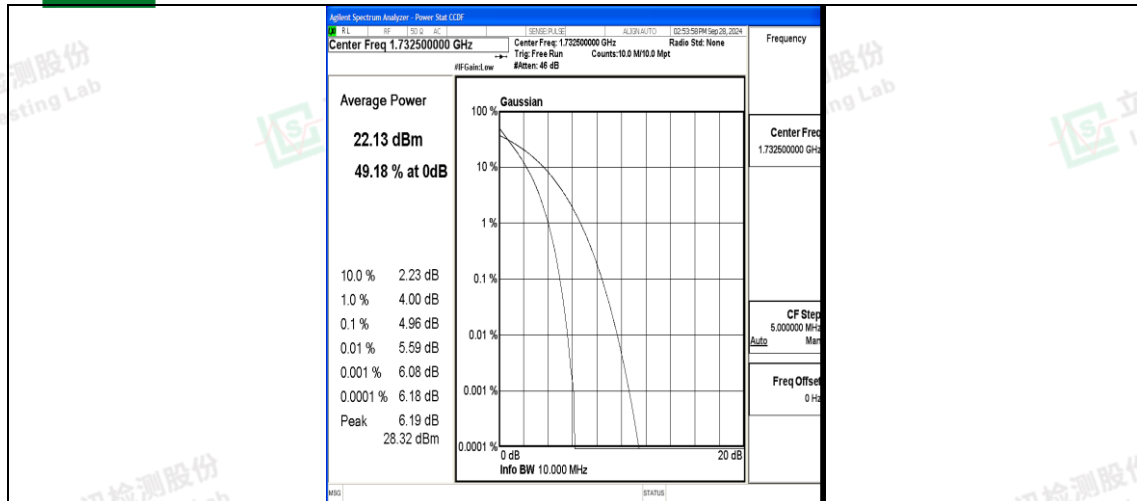




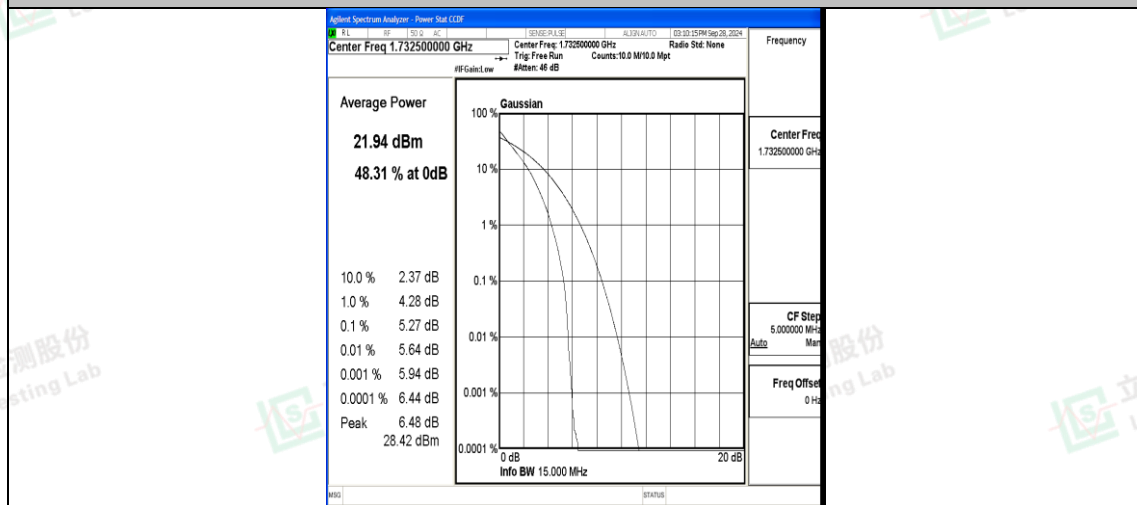




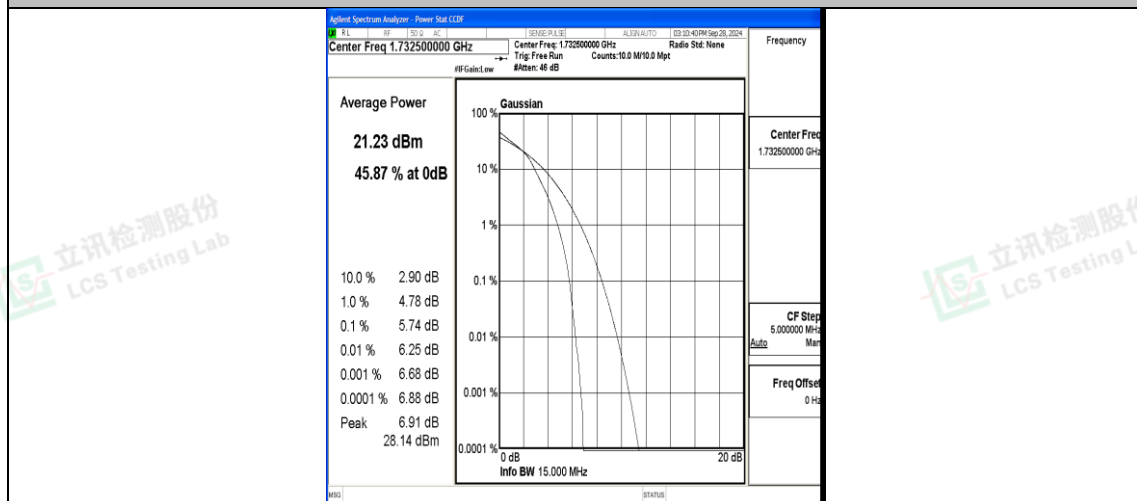




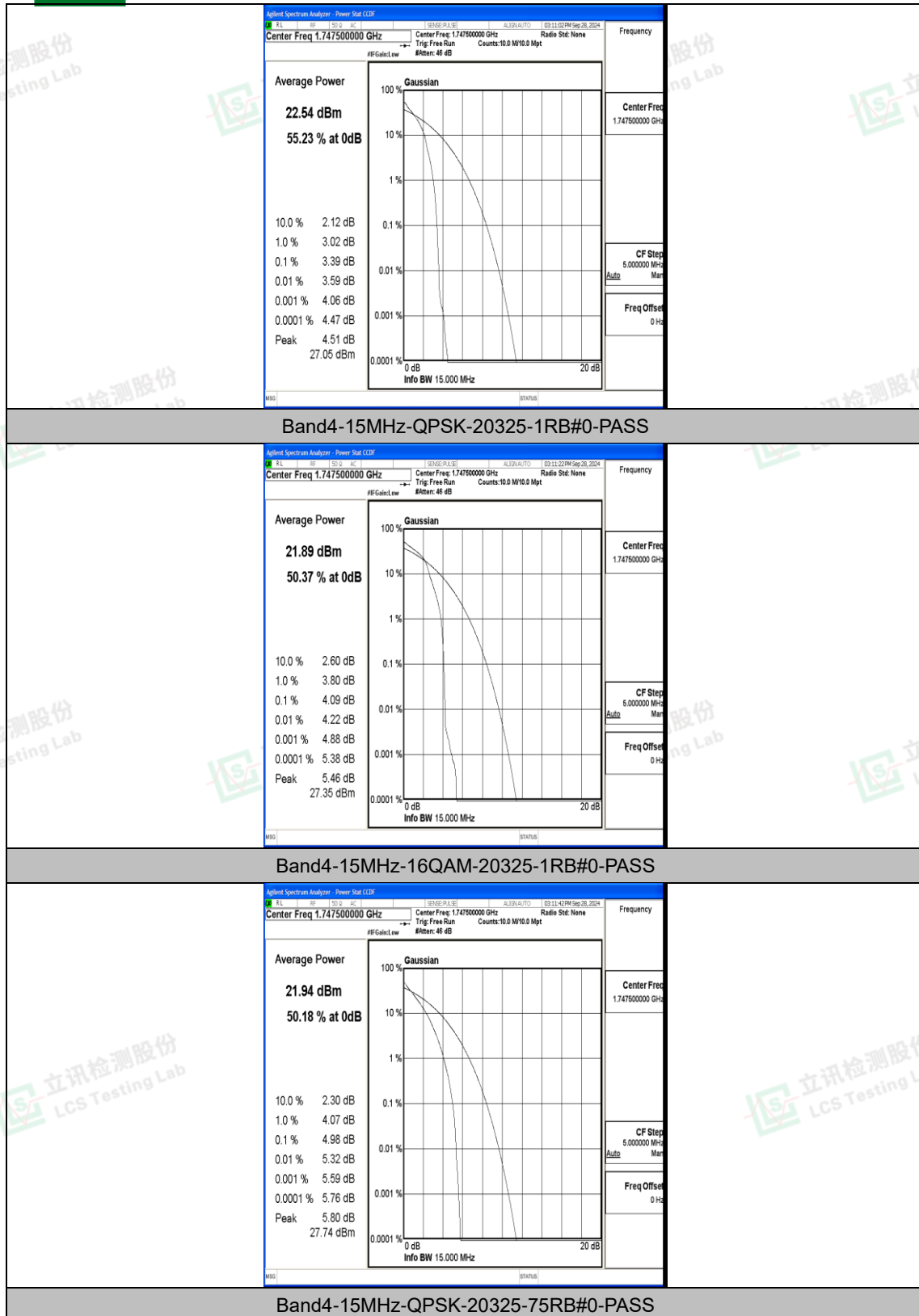
Band4-10MHz-QPSK-20175-50RB#0-PASS

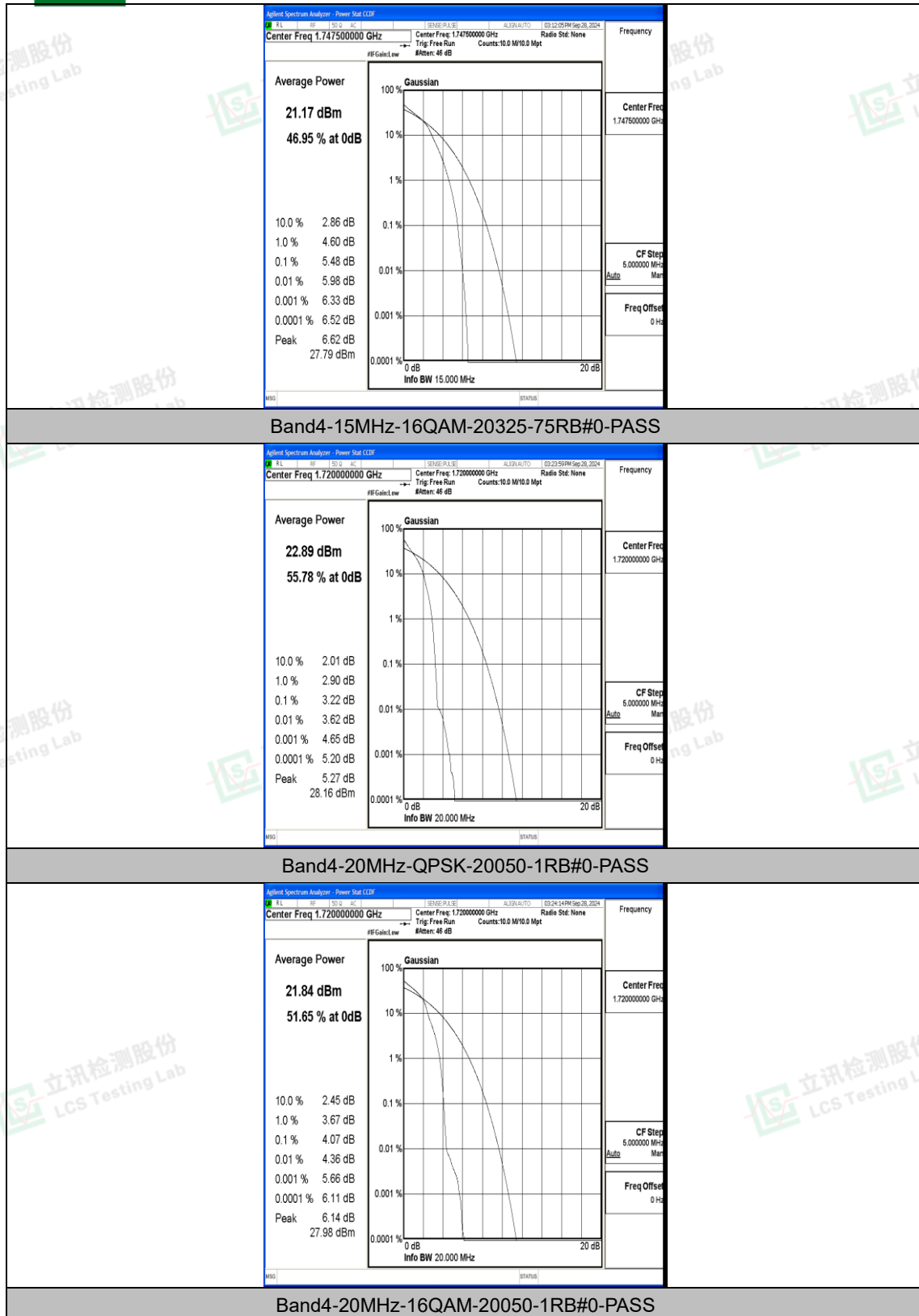


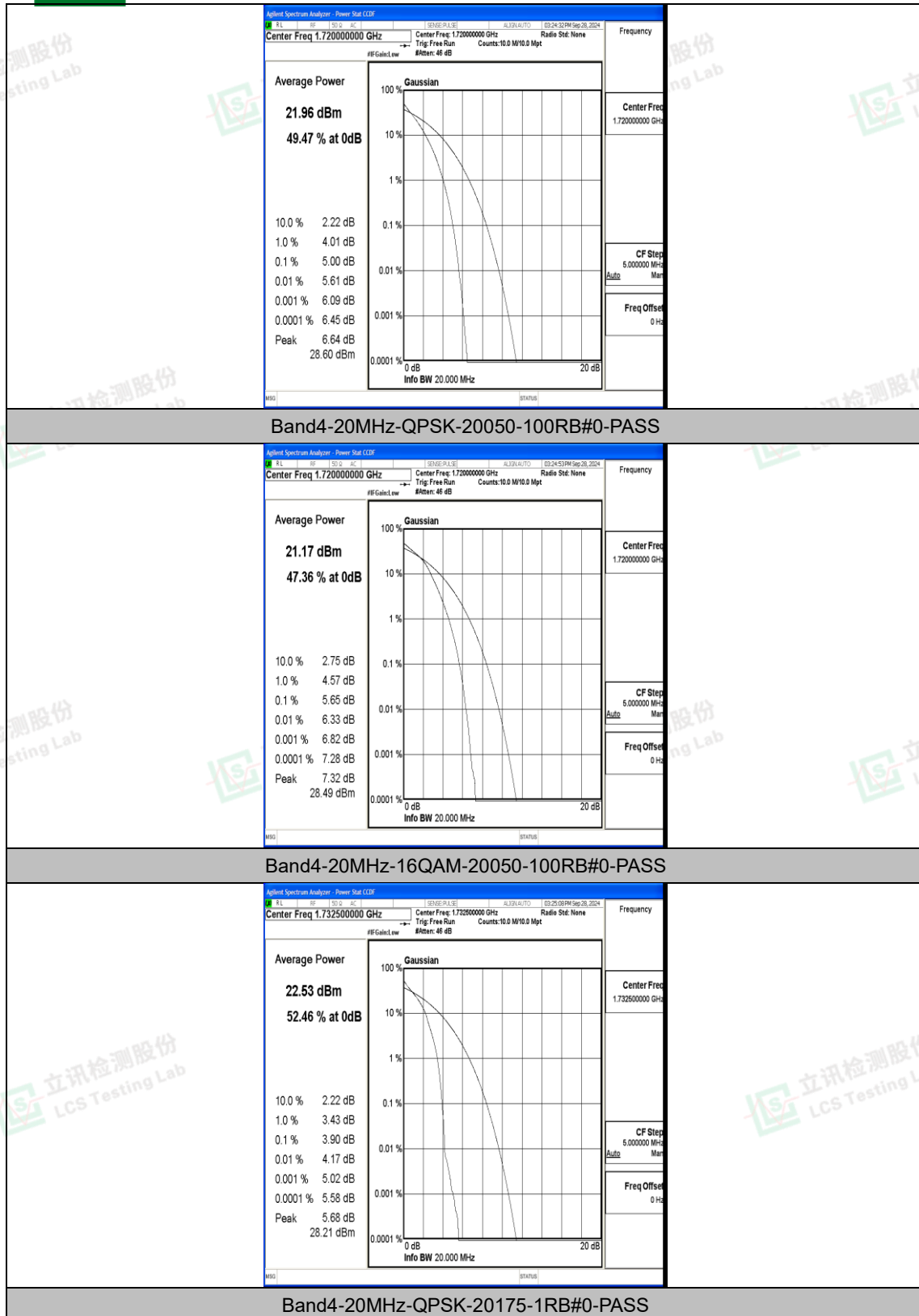
Band4-15MHz-QPSK-20175-75RB#0-PASS

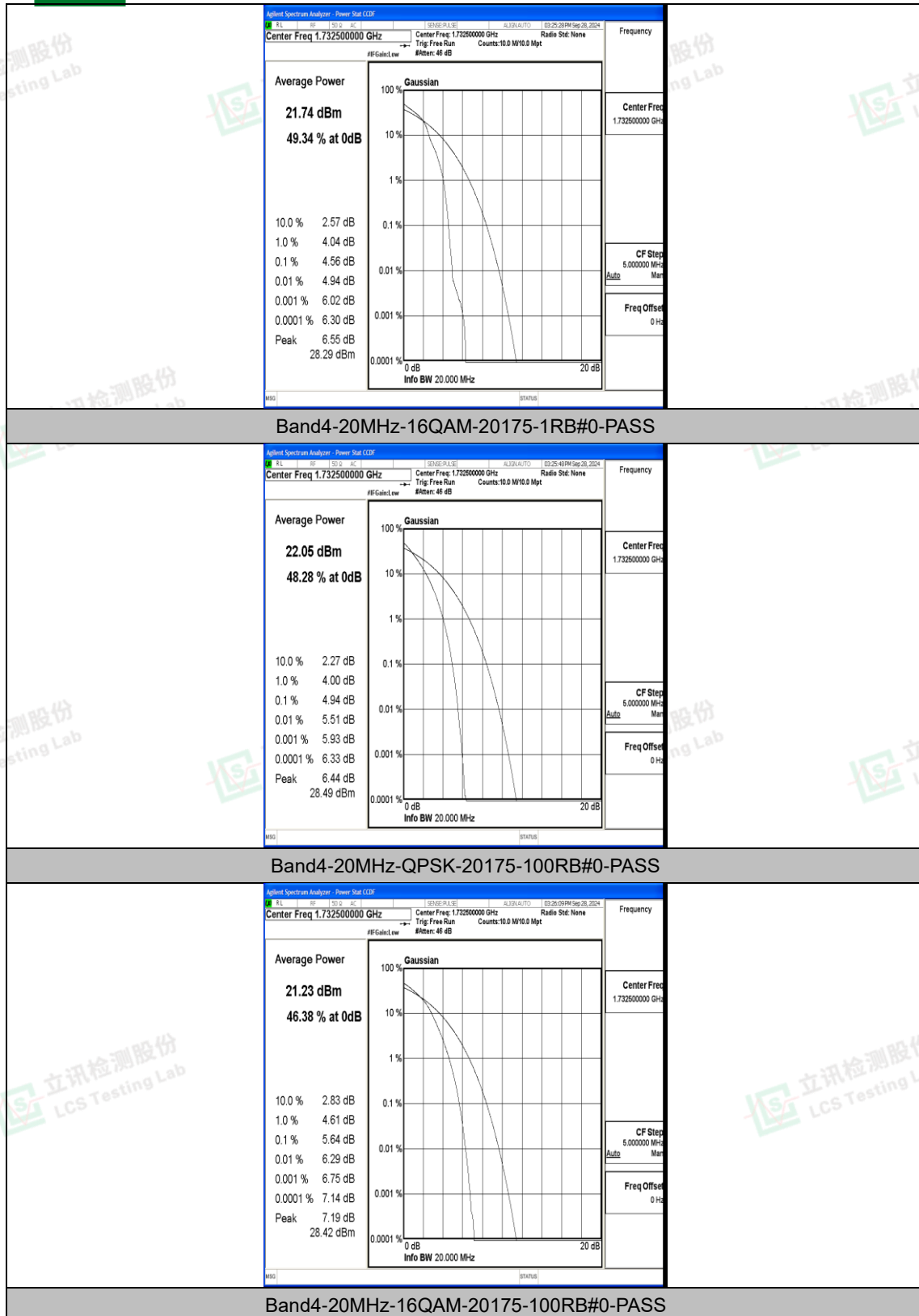


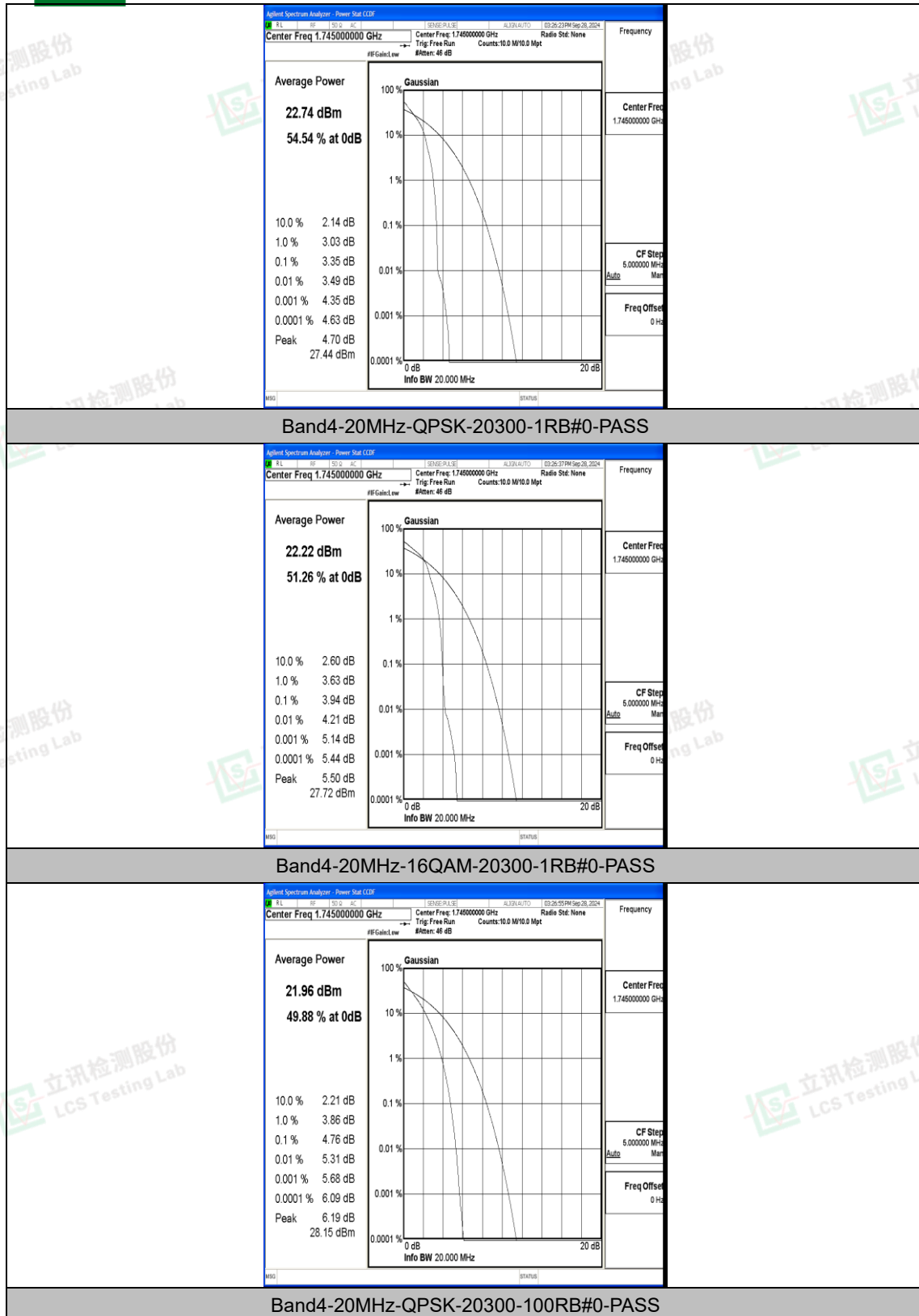
Band4-15MHz-16QAM-20175-75RB#0-PASS

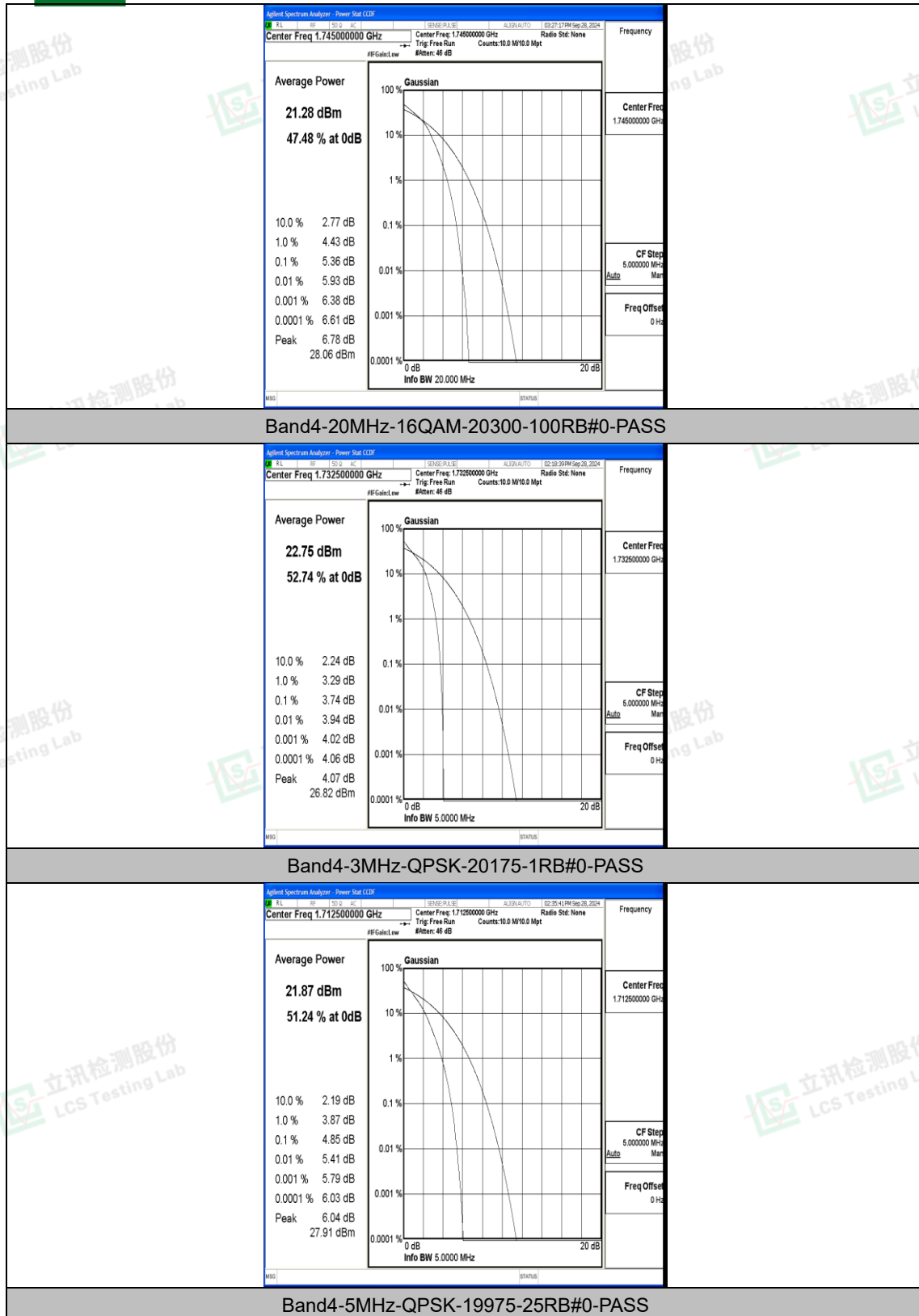


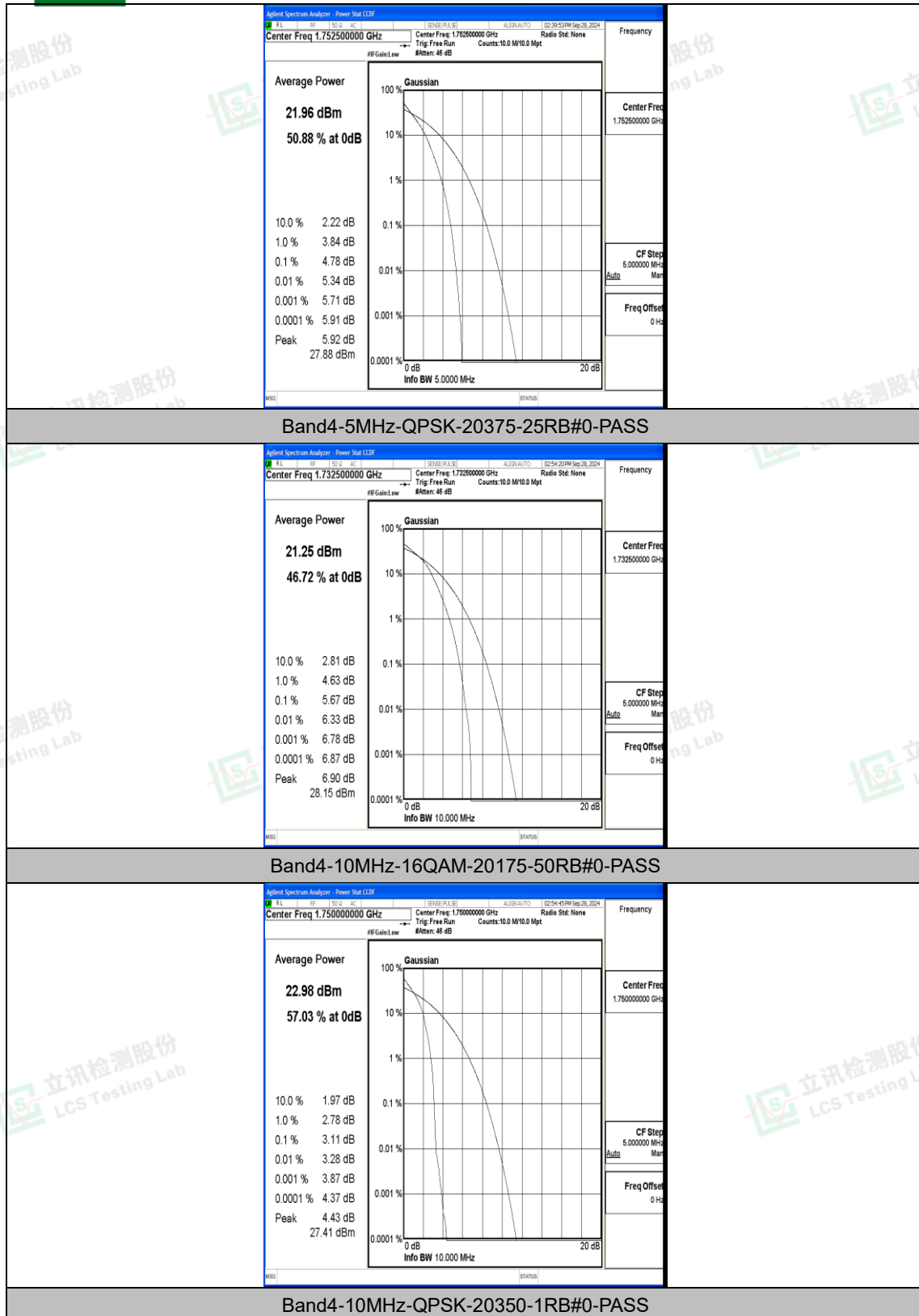


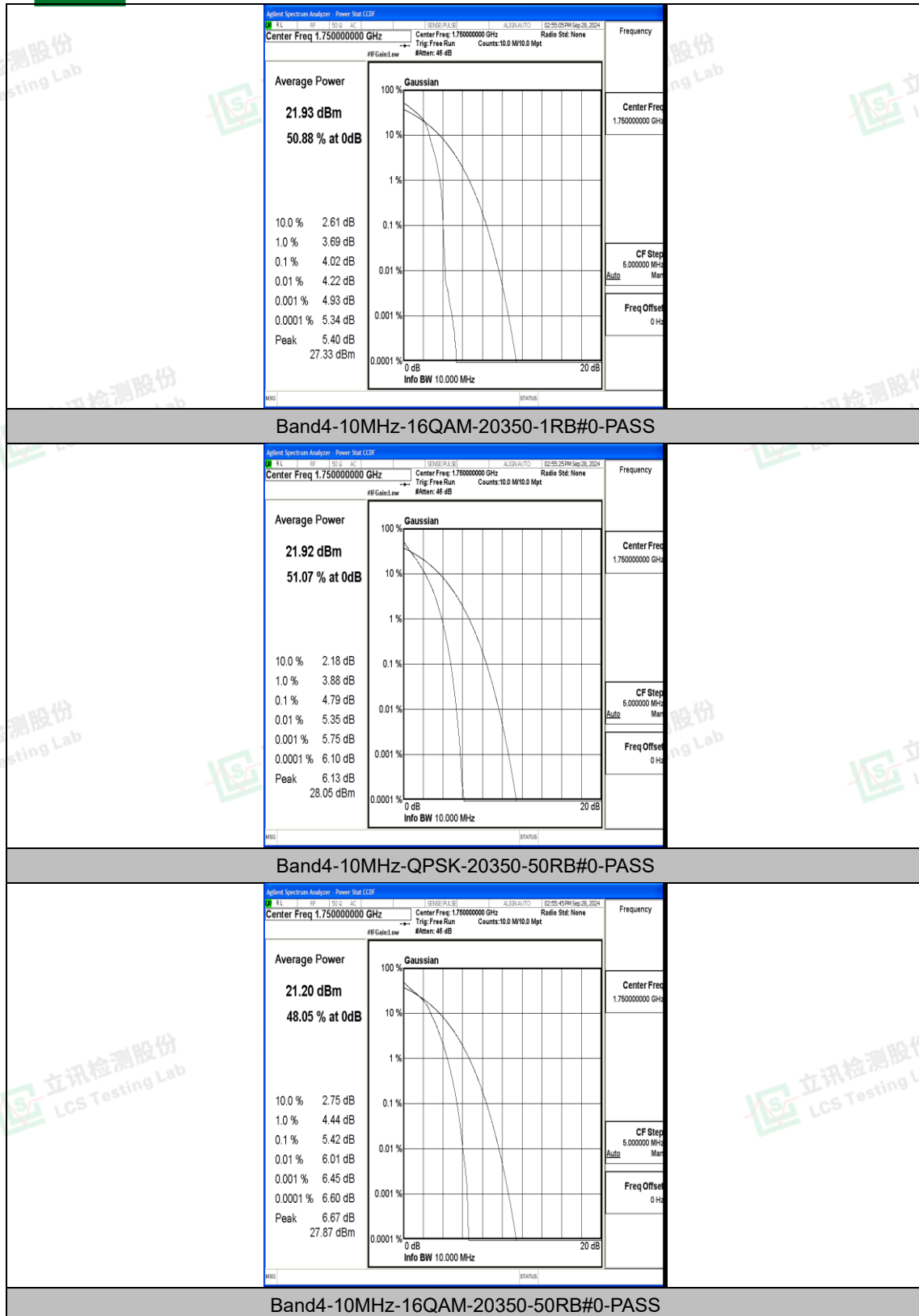


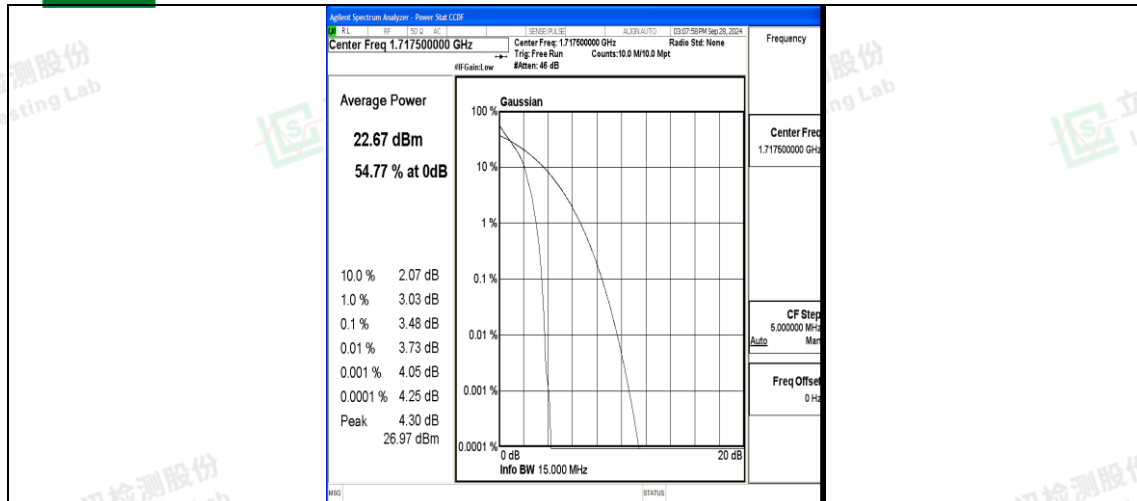




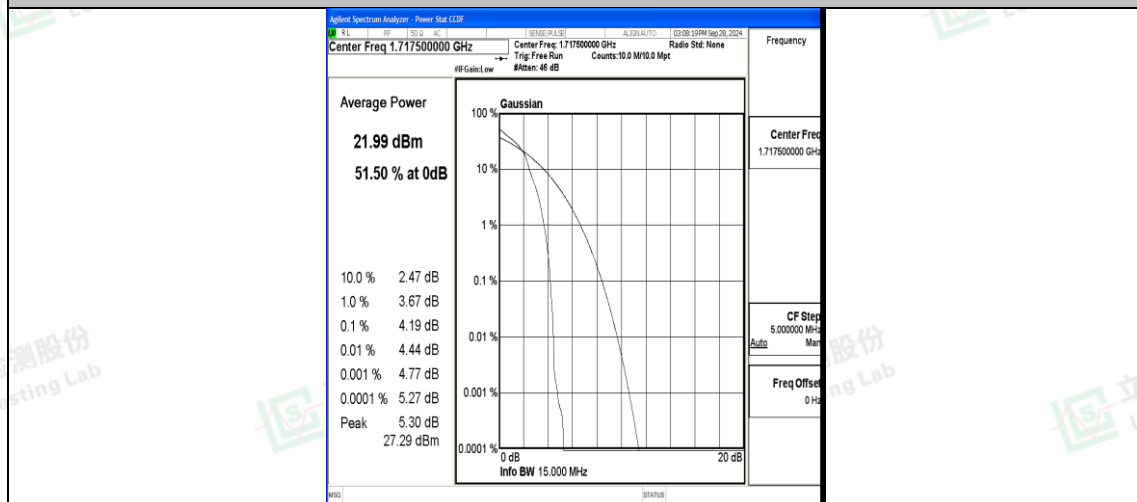




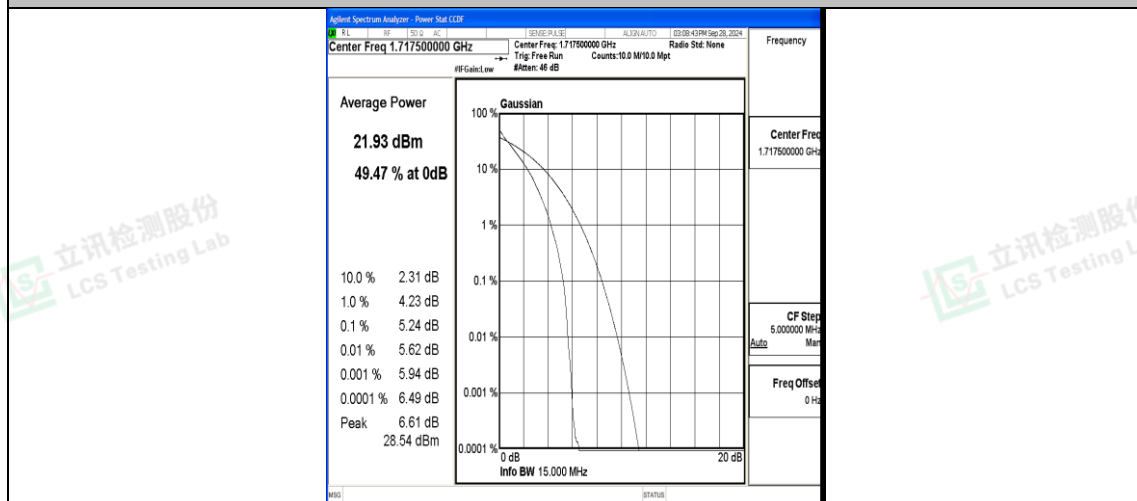




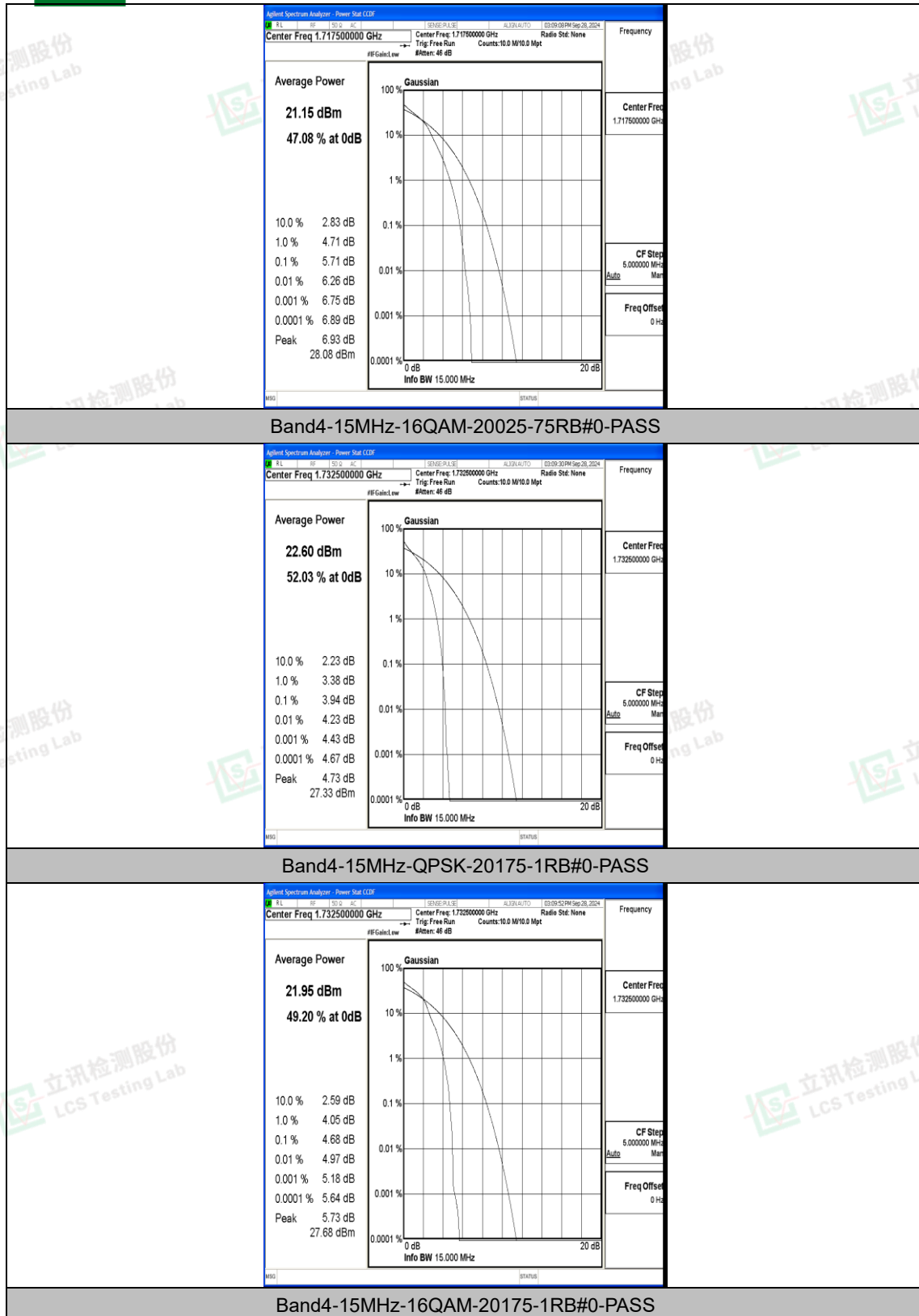
Band4-15MHz-QPSK-20025-1RB#0-PASS



Band4-15MHz-16QAM-20025-1RB#0-PASS



Band4-15MHz-QPSK-20025-75RB#0-PASS





I.3 26dB Bandwidth and Occupied Bandwidth

Test Result

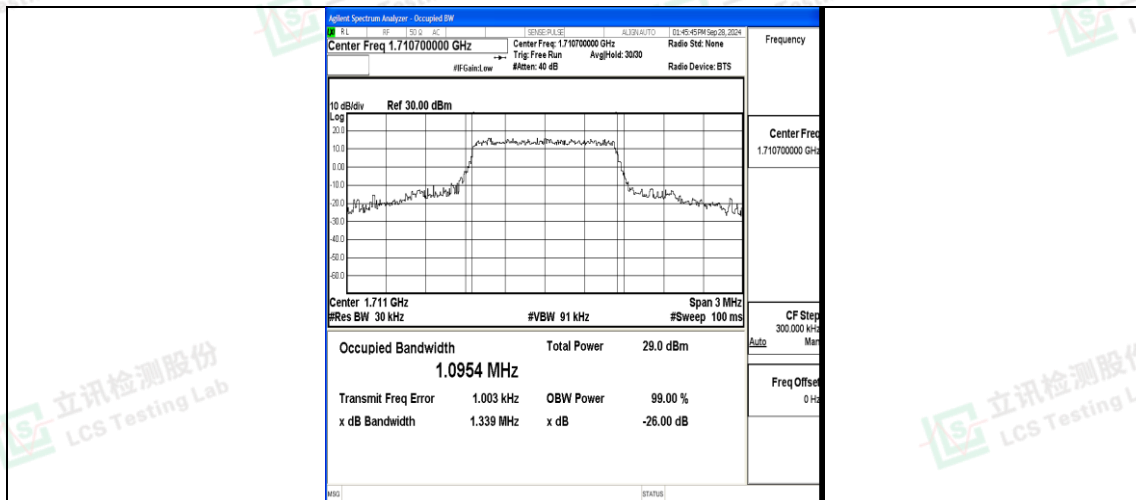
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0954	1.339	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1077	1.325	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.1002	1.334	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1038	1.333	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0989	1.373	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1057	1.378	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7199	3.327	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7028	3.104	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7263	3.146	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7093	3.106	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7183	3.050	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7048	3.081	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5316	5.445	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5268	5.395	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5253	5.334	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5322	5.290	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5299	5.414	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5238	5.296	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0198	10.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0278	10.36	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0166	10.07	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0049	10.07	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0267	10.44	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0180	10.66	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.536	15.81	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.535	15.53	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.523	15.33	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.522	14.97	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.536	16.68	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.513	14.91	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.038	19.99	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.041	19.94	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.017	20.38	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.007	19.89	PASS



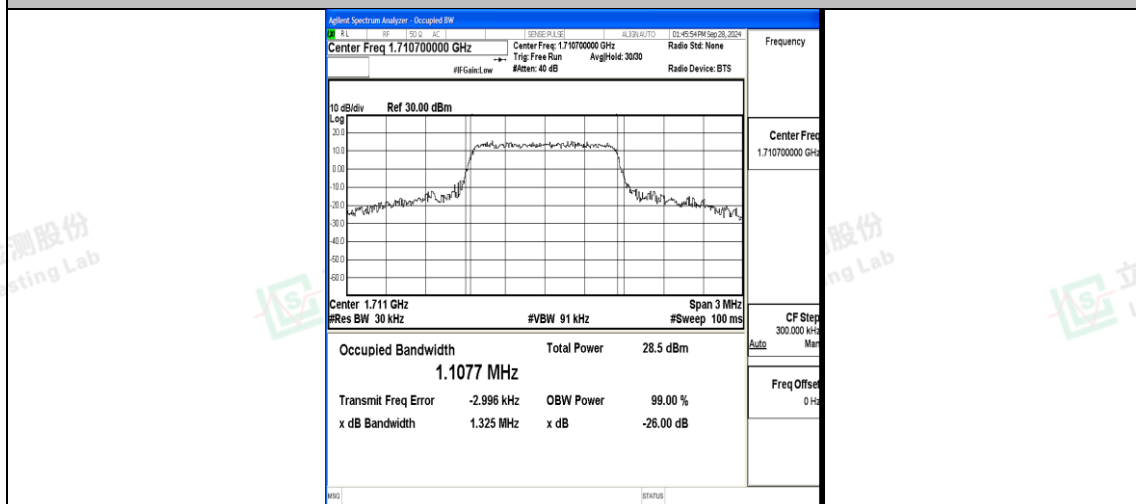
Band4	20MHz	QPSK	20300	100RB#0	18.060	20.45	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.036	20.42	PASS



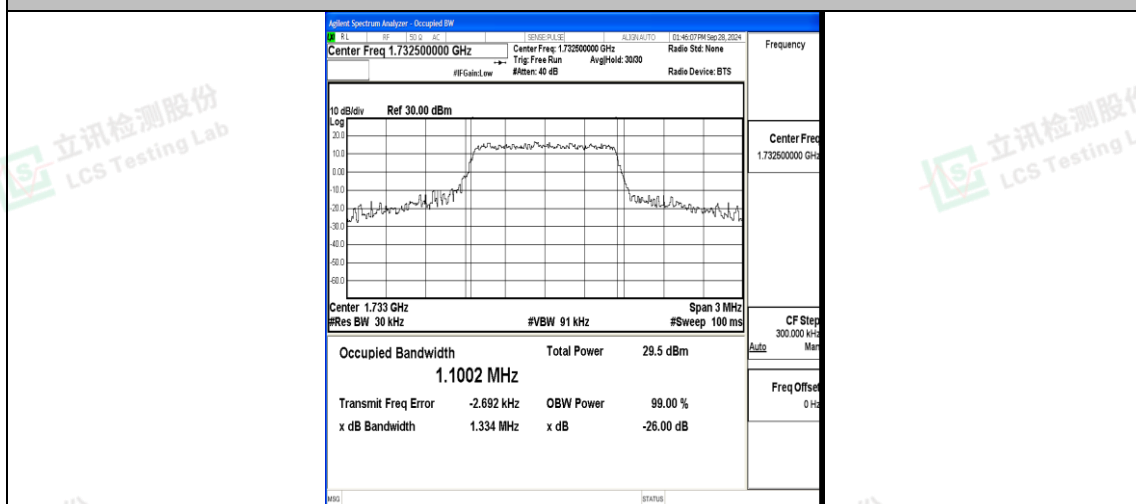
Test Graphs



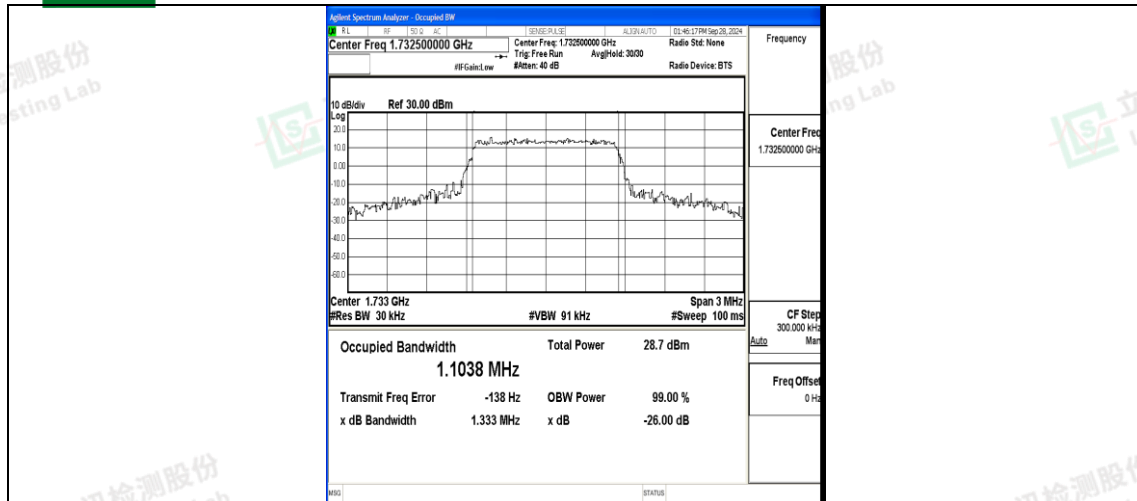
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



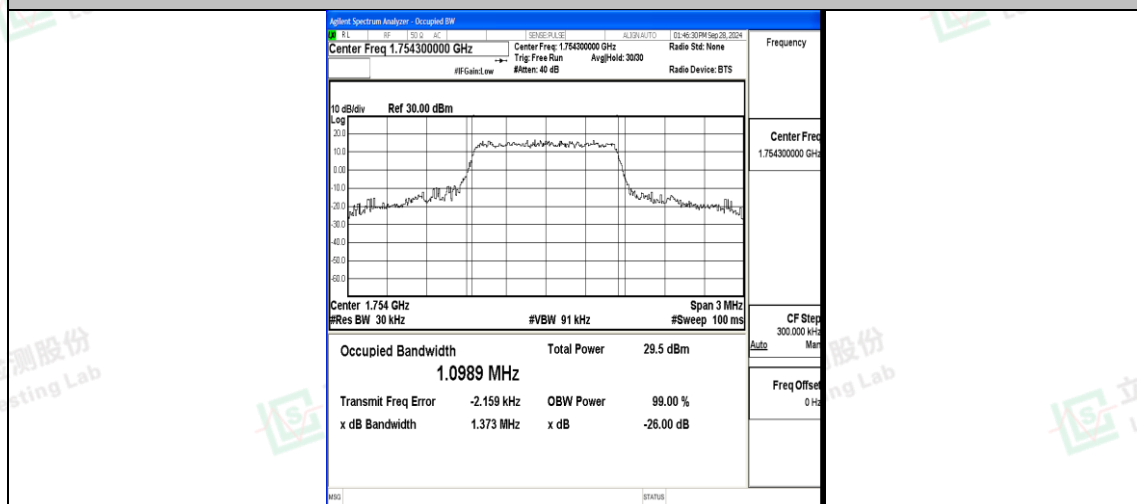
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



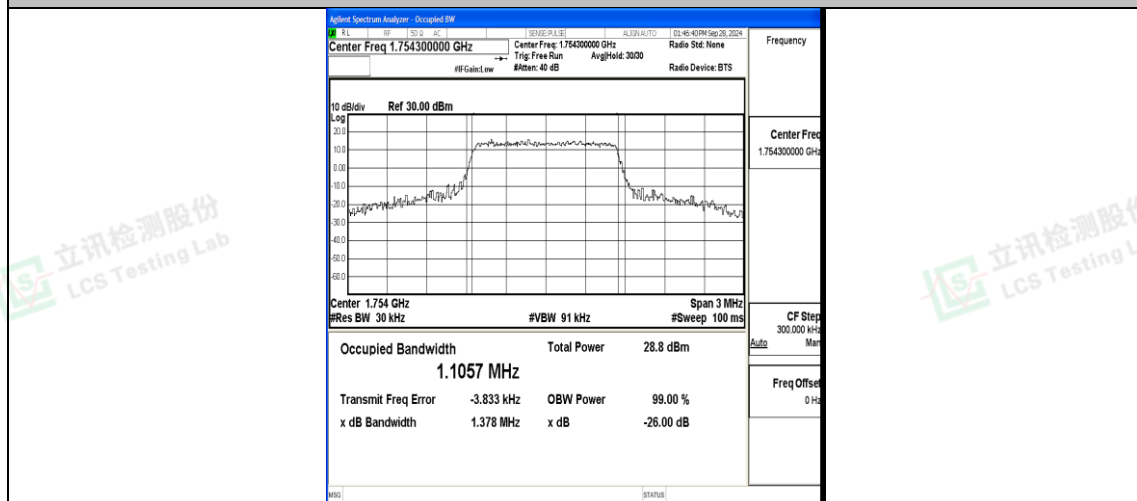
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



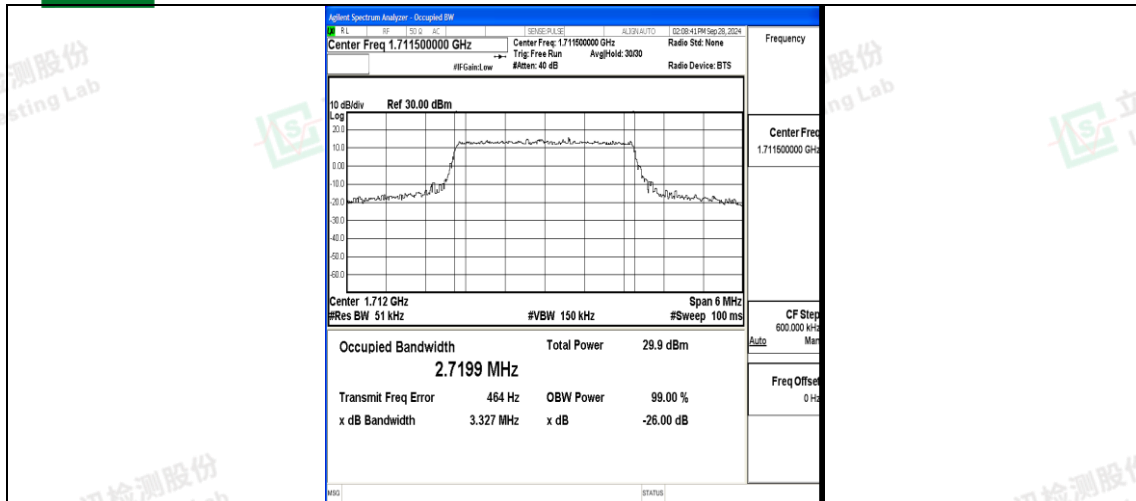
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



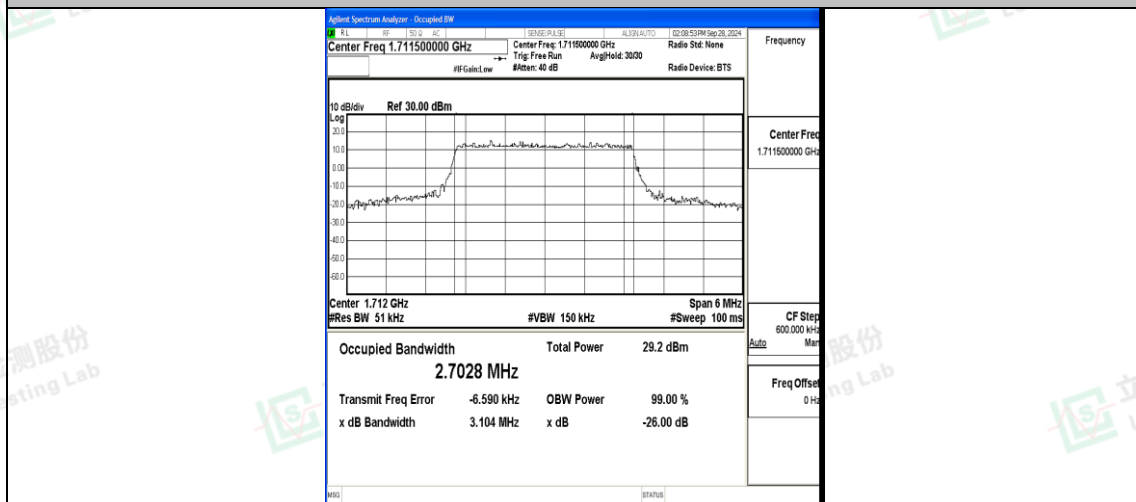
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



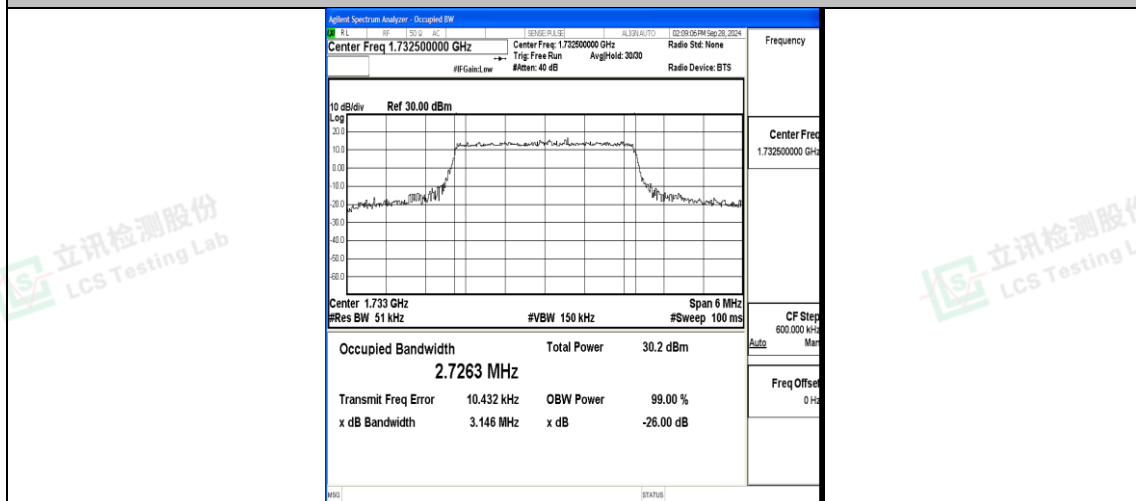
Band4-1.4MHz-16QAM-20393-6RB#0-PASS



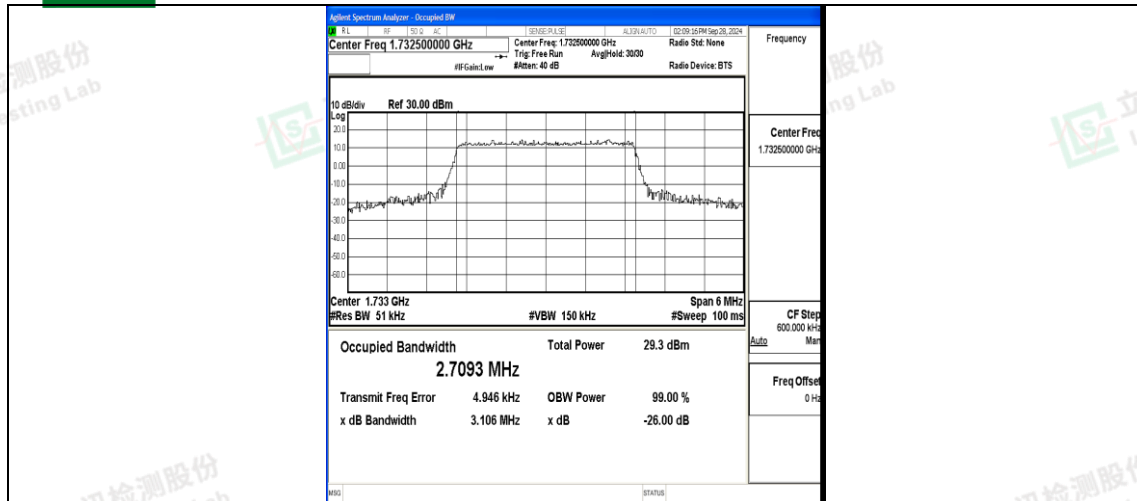
Band4-3MHz-QPSK-19965-15RB#0-PASS



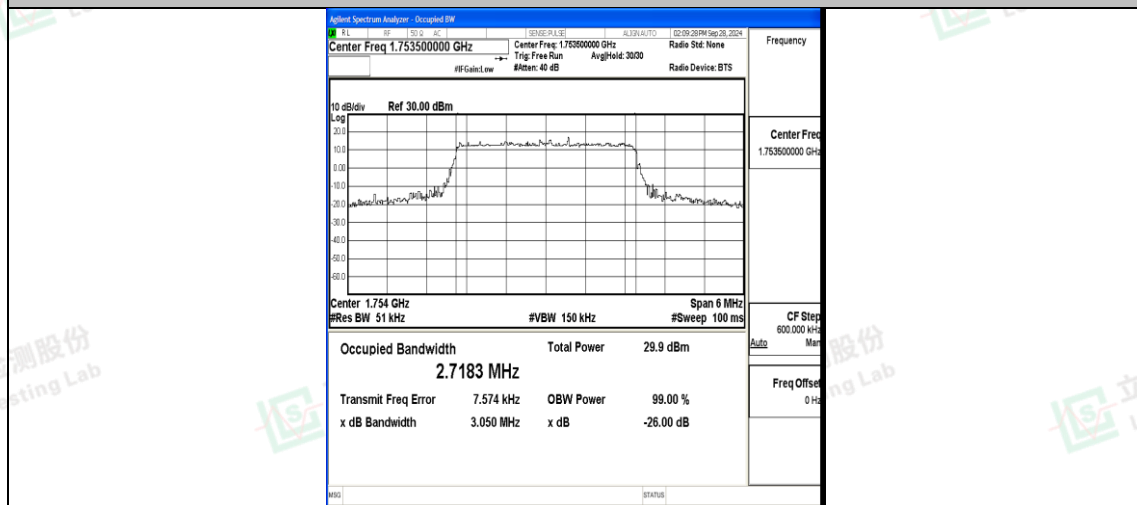
Band4-3MHz-16QAM-19965-15RB#0-PASS



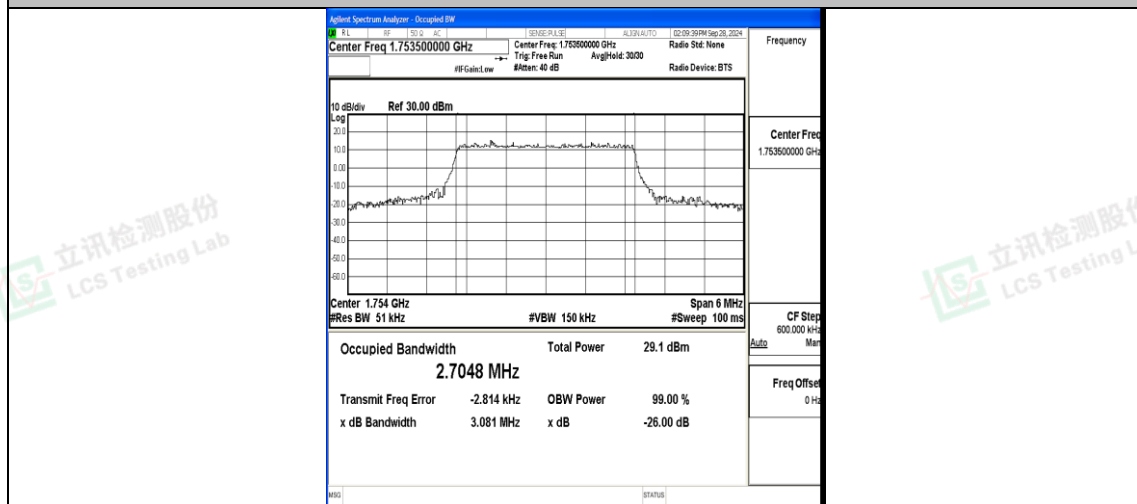
Band4-3MHz-QPSK-20175-15RB#0-PASS



Band4-3MHz-16QAM-20175-15RB#0-PASS



Band4-3MHz-QPSK-20385-15RB#0-PASS



Band4-3MHz-16QAM-20385-15RB#0-PASS