



Appendix C: Test Data for E-UTRA Band 4

Product Name: Global Powerbank WiFi

Test Model: P1

Environmental Conditions

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



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C.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.85	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.90	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.87	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.83	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.91	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.88	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.92	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.94	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.88	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.98	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.90	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.95	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.96	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	22.19	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.92	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.22	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.91	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.25	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.91	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.20	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.94	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.73	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.89	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.70	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.87	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.72	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.83	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.98	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.73	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	23.42	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.78	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	23.40	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.84	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	23.38	PASS



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Band4	1.4MHz	QPSK	20393	3RB#0	23.86	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.24	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.79	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.27	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.85	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.27	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.84	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	22.06	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.88	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.65	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.85	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.69	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.80	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.68	PASS
Band4	3MHz	QPSK	19965	8RB#0	23.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	22.16	PASS
Band4	3MHz	QPSK	19965	8RB#4	23.01	PASS
Band4	3MHz	16QAM	19965	8RB#4	22.16	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.93	PASS
Band4	3MHz	16QAM	19965	8RB#7	22.15	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.94	PASS
Band4	3MHz	16QAM	19965	15RB#0	22.05	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.90	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.29	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.95	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.24	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.93	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.21	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.91	PASS
Band4	3MHz	16QAM	20175	8RB#0	22.21	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.81	PASS
Band4	3MHz	16QAM	20175	8RB#4	22.23	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.92	PASS
Band4	3MHz	16QAM	20175	8RB#7	22.24	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.93	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.92	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.81	PASS
Band4	3MHz	16QAM	20385	1RB#0	23.04	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.82	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.98	PASS



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Band4	3MHz	QPSK	20385	1RB#14	23.90	PASS
Band4	3MHz	16QAM	20385	1RB#14	23.02	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.95	PASS
Band4	3MHz	16QAM	20385	8RB#0	22.18	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.96	PASS
Band4	3MHz	16QAM	20385	8RB#4	22.12	PASS
Band4	3MHz	QPSK	20385	8RB#7	23.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	22.16	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.98	PASS
Band4	3MHz	16QAM	20385	15RB#0	22.05	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.94	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.35	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.91	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.34	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.89	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.40	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.89	PASS
Band4	5MHz	16QAM	19975	12RB#0	22.08	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.89	PASS
Band4	5MHz	16QAM	19975	12RB#6	22.08	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.96	PASS
Band4	5MHz	16QAM	19975	12RB#13	22.02	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.78	PASS
Band4	5MHz	16QAM	19975	25RB#0	22.05	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.81	PASS
Band4	5MHz	16QAM	20175	1RB#0	23.06	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.79	PASS
Band4	5MHz	16QAM	20175	1RB#12	23.11	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.82	PASS
Band4	5MHz	16QAM	20175	1RB#24	23.01	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.88	PASS
Band4	5MHz	16QAM	20175	12RB#0	22.15	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.89	PASS
Band4	5MHz	16QAM	20175	12RB#6	22.16	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.92	PASS
Band4	5MHz	16QAM	20175	12RB#13	22.12	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.93	PASS
Band4	5MHz	16QAM	20175	25RB#0	22.07	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.86	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.48	PASS



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Band4	5MHz	QPSK	20375	1RB#12	23.91	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.55	PASS
Band4	5MHz	QPSK	20375	1RB#24	24.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.49	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.92	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.96	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.83	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.98	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.97	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.97	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.85	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.02	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.86	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.95	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.87	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.98	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.91	PASS
Band4	10MHz	16QAM	20000	1RB#49	23.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.88	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.96	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.95	PASS
Band4	10MHz	16QAM	20000	25RB#12	22.01	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.85	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.96	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.93	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.97	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.91	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.84	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.94	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.89	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.86	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.77	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.95	PASS
Band4	10MHz	16QAM	20175	25RB#0	22.10	PASS
Band4	10MHz	QPSK	20175	25RB#12	23.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	22.13	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.97	PASS
Band4	10MHz	16QAM	20175	25RB#25	22.14	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.98	PASS
Band4	10MHz	16QAM	20175	50RB#0	22.07	PASS



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Band4	10MHz	QPSK	20350	1RB#0	23.75	PASS
Band4	10MHz	16QAM	20350	1RB#0	23.49	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.77	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.50	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.82	PASS
Band4	10MHz	16QAM	20350	1RB#49	23.52	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.86	PASS
Band4	10MHz	16QAM	20350	25RB#0	22.03	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.90	PASS
Band4	10MHz	16QAM	20350	25RB#12	22.04	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.90	PASS
Band4	10MHz	16QAM	20350	25RB#25	22.02	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.95	PASS
Band4	10MHz	16QAM	20350	50RB#0	22.08	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.84	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.95	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.85	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.98	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.87	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.99	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.99	PASS
Band4	15MHz	16QAM	20025	38RB#0	22.98	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.98	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.98	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.98	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.98	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.98	PASS
Band4	15MHz	16QAM	20025	75RB#0	22.05	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.65	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.81	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.50	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.82	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.40	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.75	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.96	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.97	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.98	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.98	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.98	PASS
Band4	15MHz	16QAM	20175	38RB#37	22.98	PASS



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Band4	15MHz	QPSK	20175	75RB#0	22.98	PASS
Band4	15MHz	16QAM	20175	75RB#0	22.06	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.76	PASS
Band4	15MHz	16QAM	20325	1RB#0	23.48	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.88	PASS
Band4	15MHz	16QAM	20325	1RB#38	23.54	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.82	PASS
Band4	15MHz	16QAM	20325	1RB#74	23.51	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.84	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.84	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.84	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.84	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.84	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.85	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.86	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.95	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.97	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.70	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.92	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.70	PASS
Band4	20MHz	QPSK	20050	1RB#99	24.02	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.83	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.96	PASS
Band4	20MHz	16QAM	20050	50RB#0	22.17	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.93	PASS
Band4	20MHz	16QAM	20050	50RB#25	22.11	PASS
Band4	20MHz	QPSK	20050	50RB#50	23.15	PASS
Band4	20MHz	16QAM	20050	50RB#50	22.20	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.92	PASS
Band4	20MHz	16QAM	20050	100RB#0	22.06	PASS
Band4	20MHz	QPSK	20175	1RB#0	24.03	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.43	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.96	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.36	PASS
Band4	20MHz	QPSK	20175	1RB#99	24.01	PASS
Band4	20MHz	16QAM	20175	1RB#99	23.27	PASS
Band4	20MHz	QPSK	20175	50RB#0	23.08	PASS
Band4	20MHz	16QAM	20175	50RB#0	22.25	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.91	PASS
Band4	20MHz	16QAM	20175	50RB#25	22.17	PASS



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Band4	20MHz	QPSK	20175	50RB#50	22.96	PASS
Band4	20MHz	16QAM	20175	50RB#50	22.08	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.96	PASS
Band4	20MHz	16QAM	20175	100RB#0	22.23	PASS
Band4	20MHz	QPSK	20300	1RB#0	24.06	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.47	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.98	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.59	PASS
Band4	20MHz	QPSK	20300	1RB#99	24.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.54	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.97	PASS
Band4	20MHz	16QAM	20300	50RB#0	22.01	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.95	PASS
Band4	20MHz	16QAM	20300	50RB#25	22.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	23.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	22.02	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.95	PASS
Band4	20MHz	16QAM	20300	100RB#0	22.01	PASS





C.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	4.33	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.34	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.35	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.11	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	2.81	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	3.24	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.02	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	4.78	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.78	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	4.51	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.01	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.81	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.38	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.43	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.39	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.17	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	2.77	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	3.87	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.08	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	4.89	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.54	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.52	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.00	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.73	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.45	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.59	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.50	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.17	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	4.39	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.26	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.52	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.21	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	3.13	13	PASS



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Band4	10MHz	16QAM	20175	1RB#0	4.02	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.71	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.44	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	2.57	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	3.77	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.10	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.82	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.48	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.32	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.68	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.21	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	3.37	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	4.23	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	4.93	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.53	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	2.59	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	3.46	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.16	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.75	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	4.26	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	5.34	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.27	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.03	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	3.75	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	4.85	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.81	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.53	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	2.43	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	3.24	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.98	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.61	13	PASS



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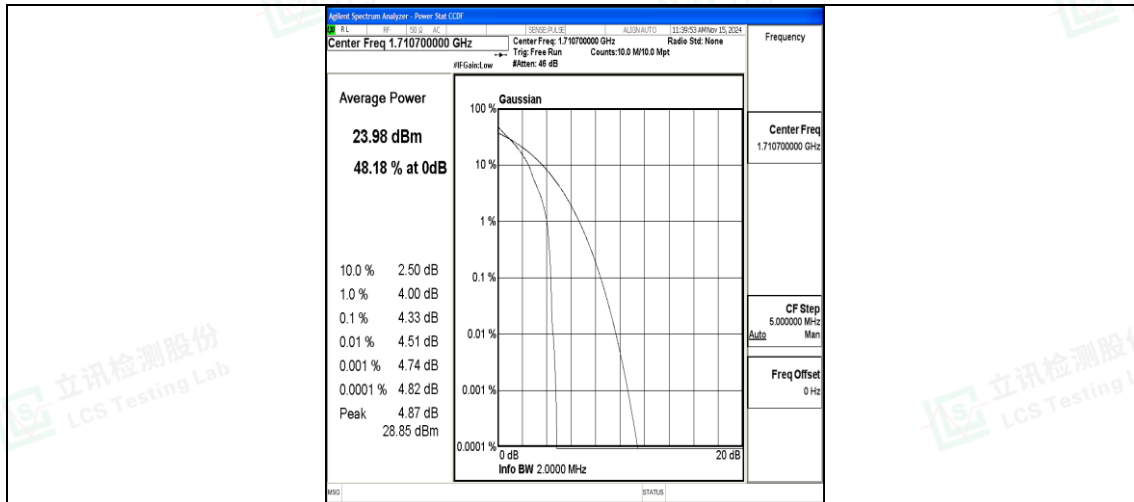
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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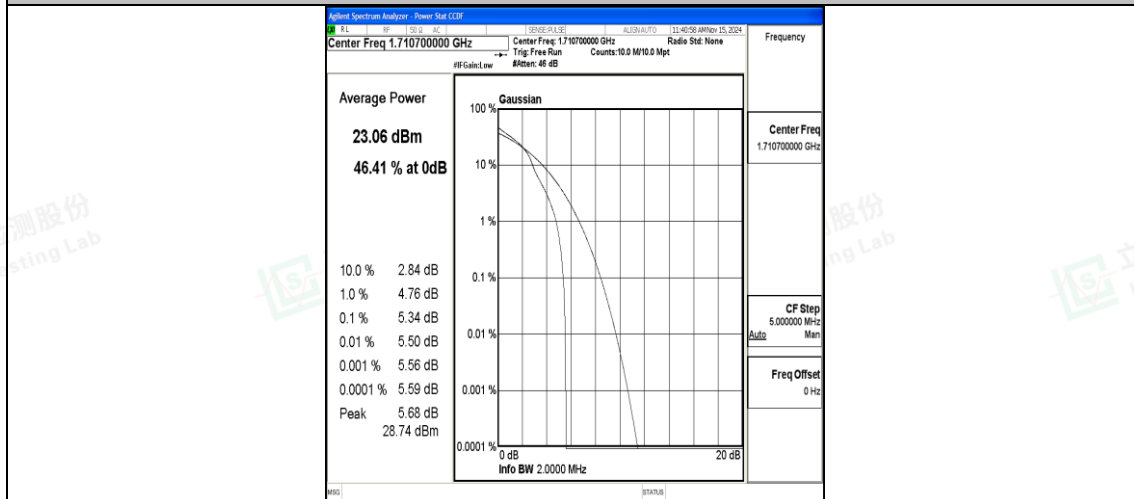
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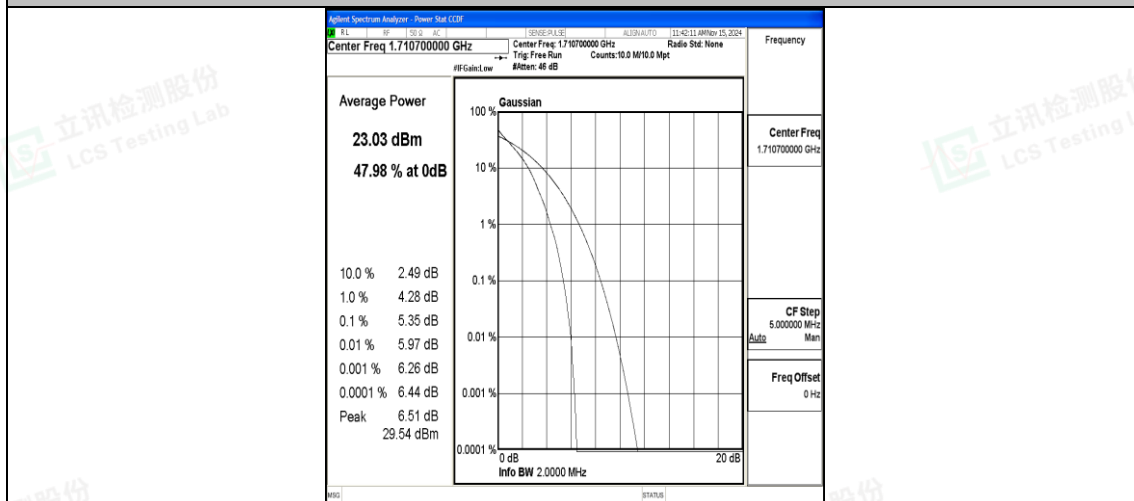
Test Graphs



Band4-1.4MHz-QPSK-19957-1RB#0-PASS



Band4-1.4MHz-16QAM-19957-1RB#0-PASS



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



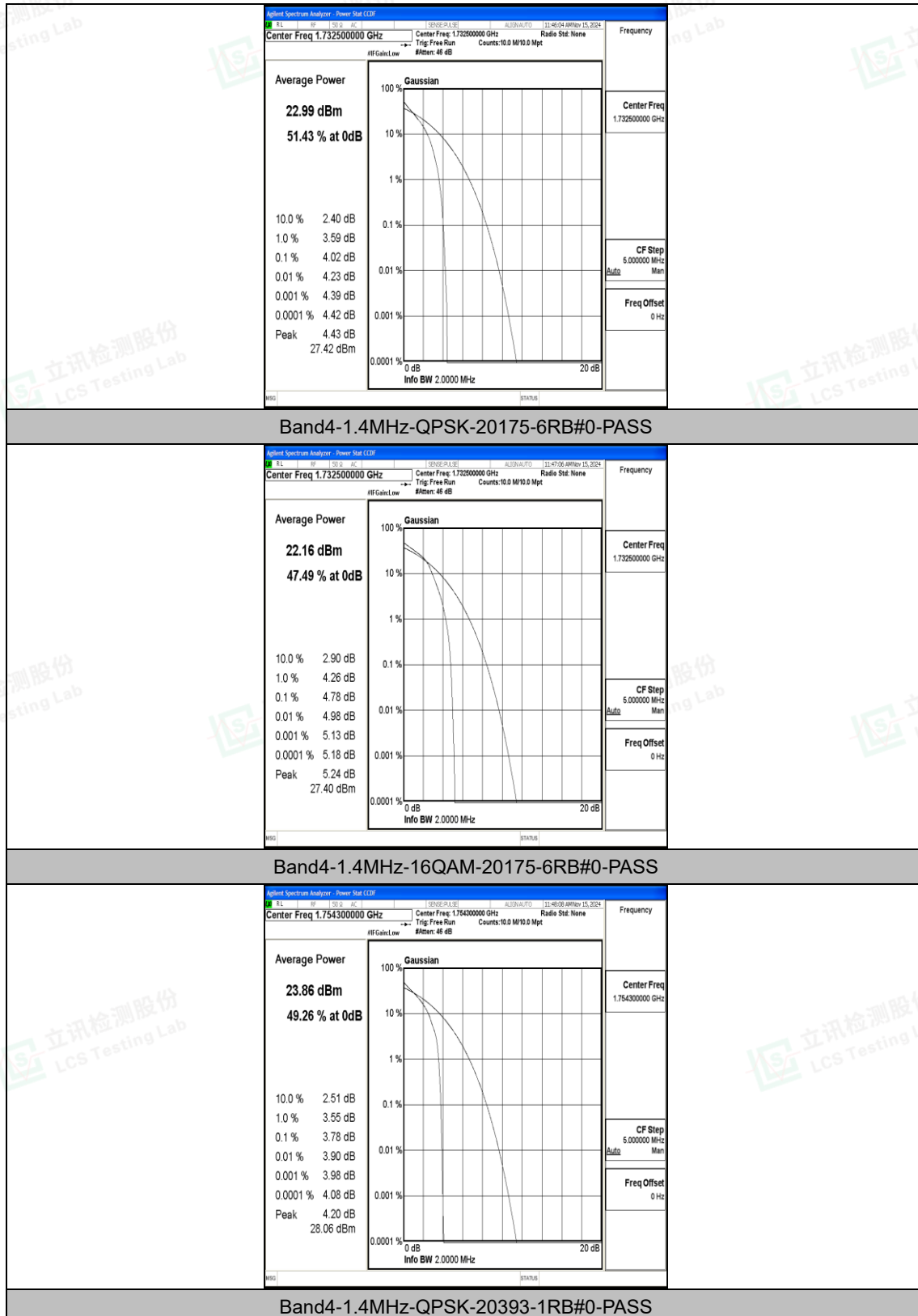
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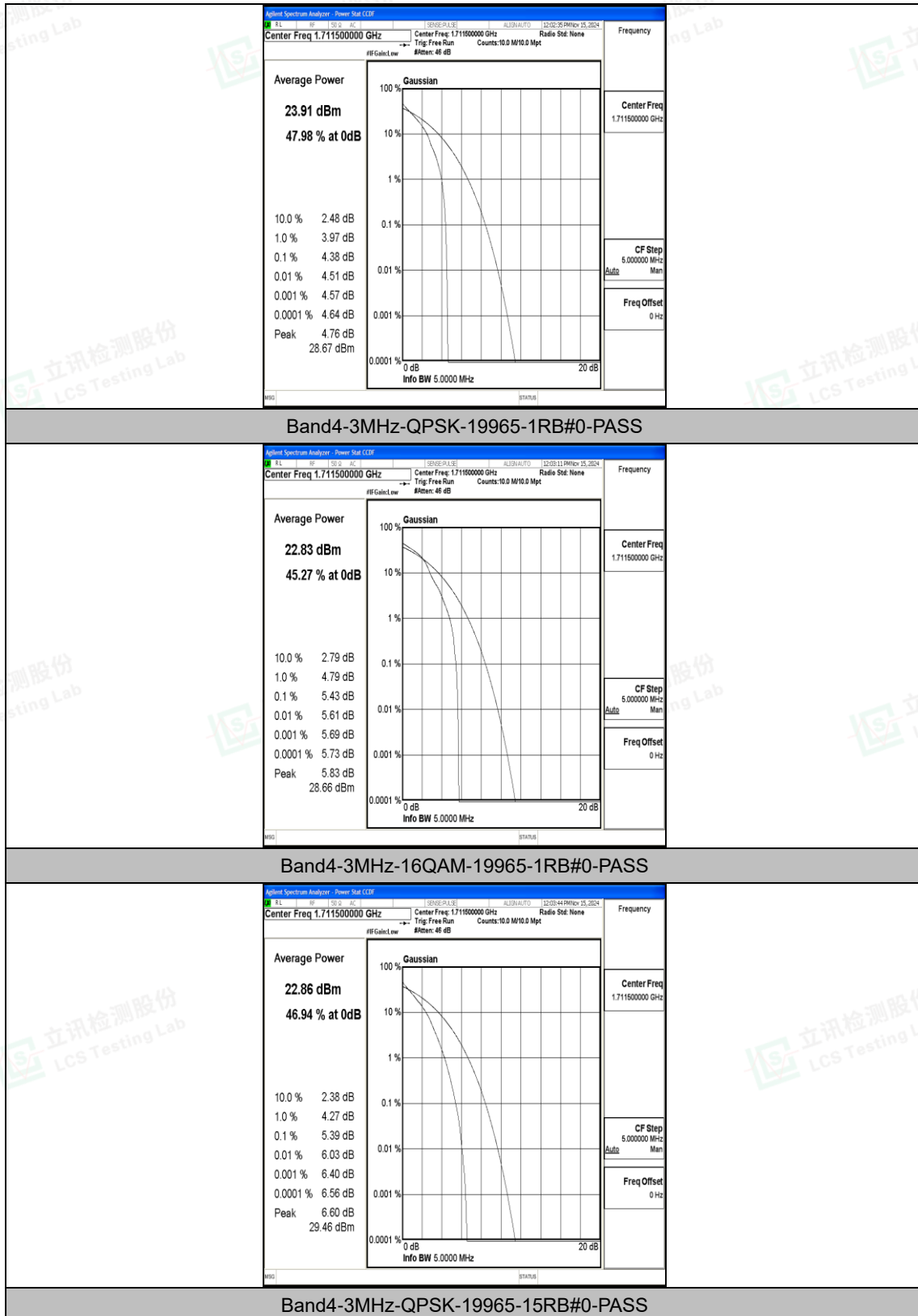


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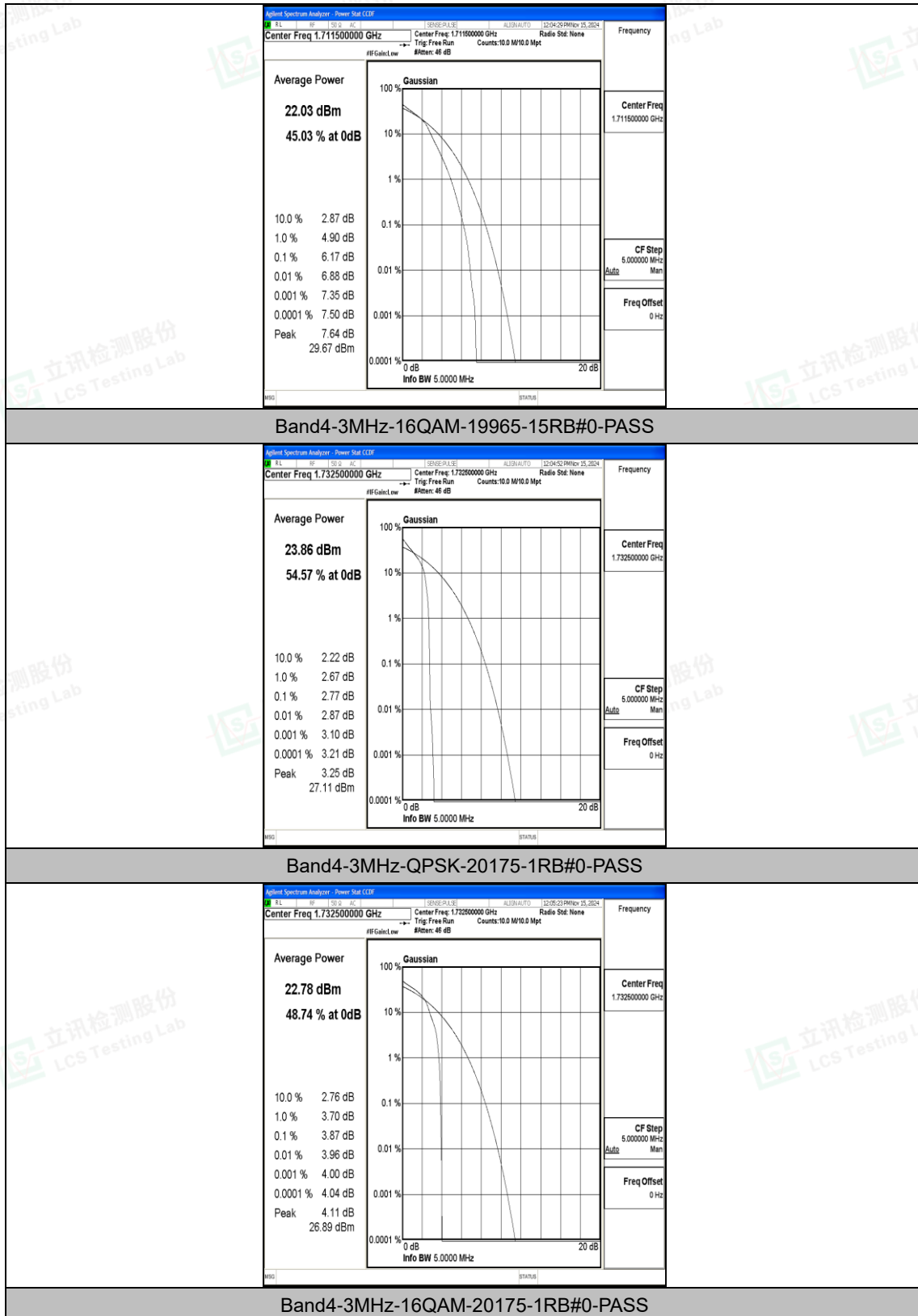


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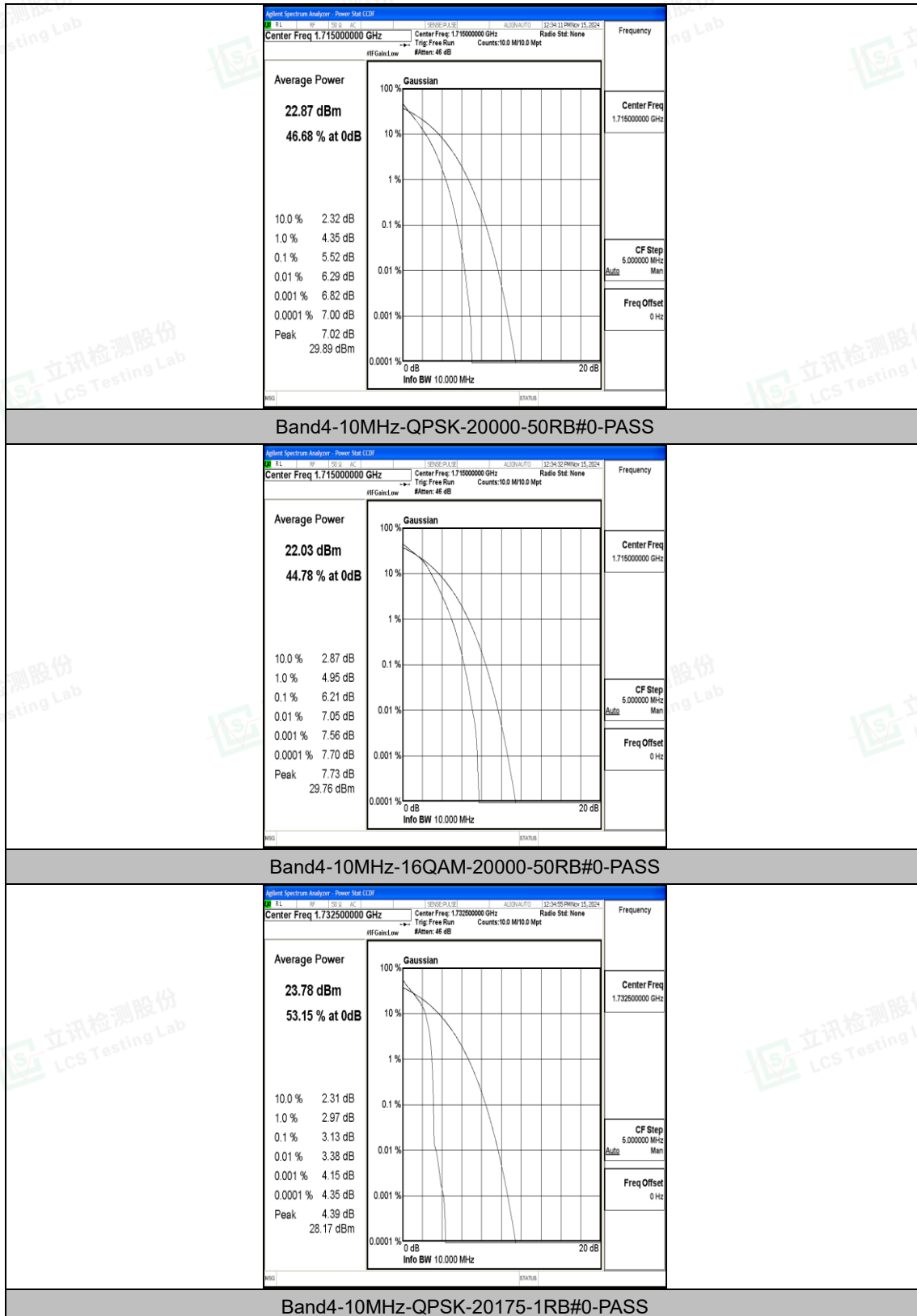


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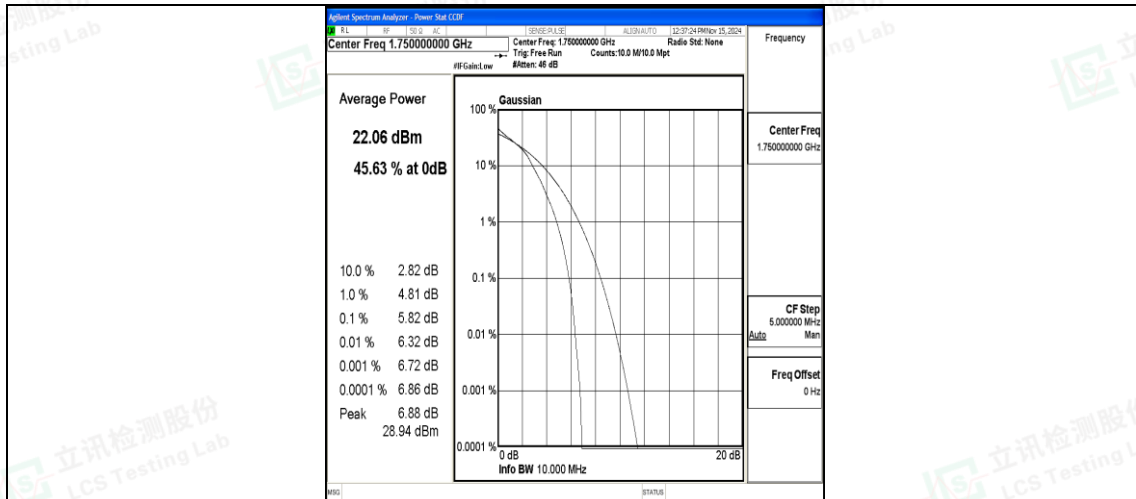
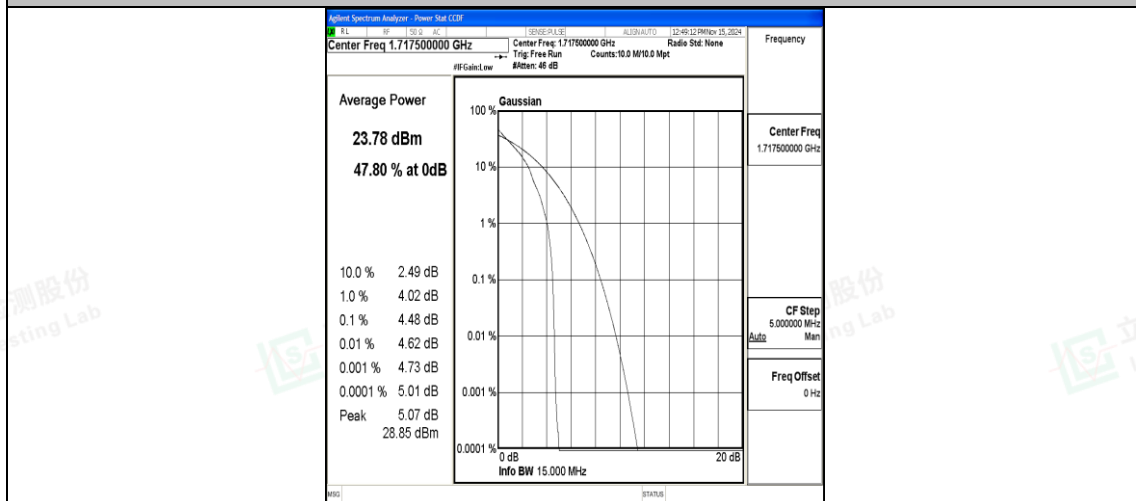
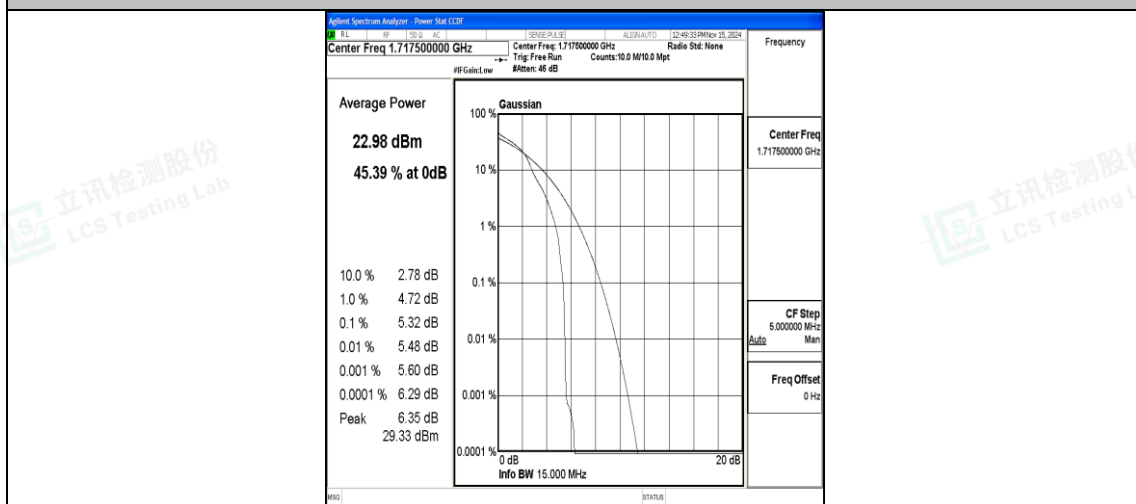
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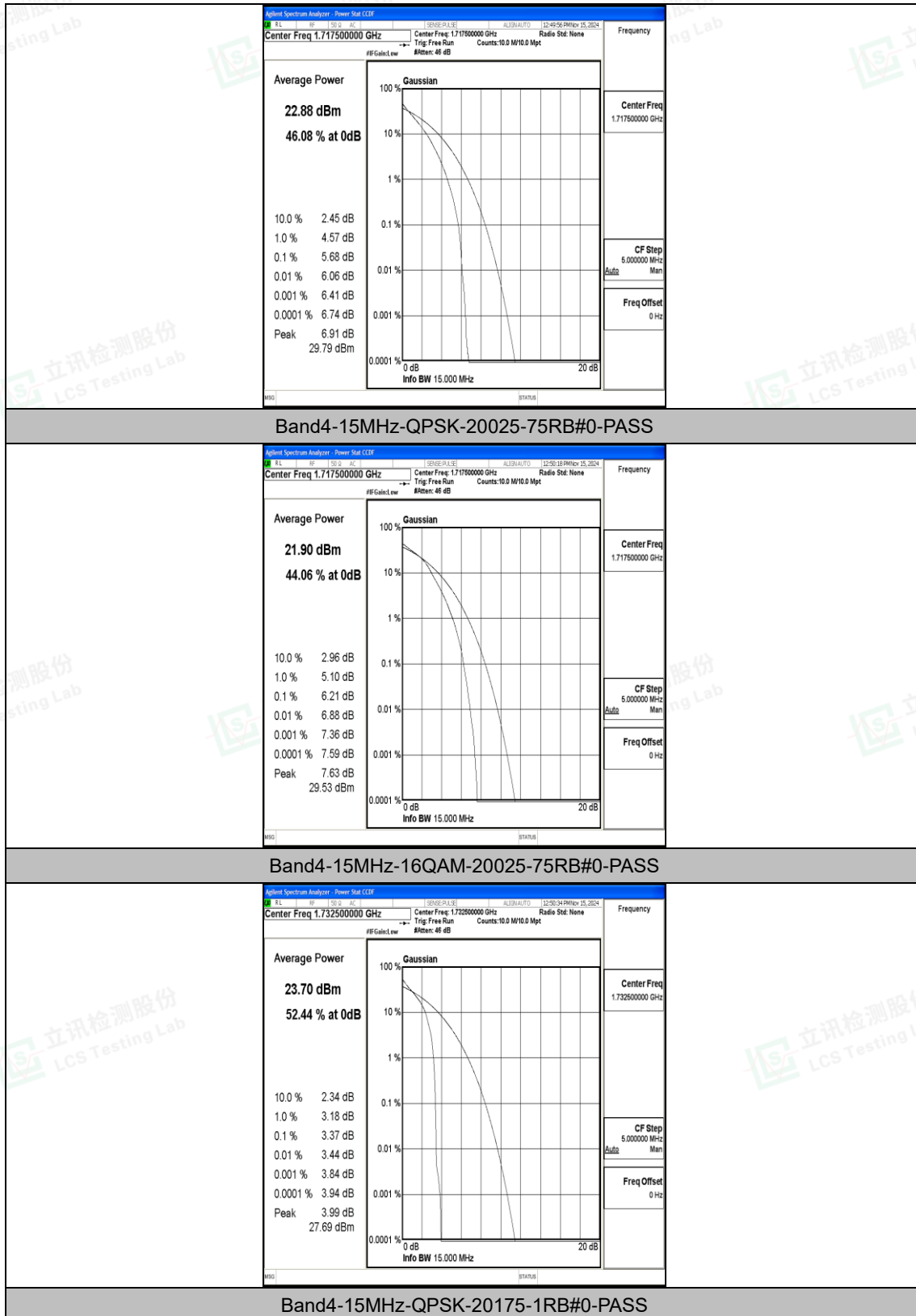
**Band4-10MHz-16QAM-20350-50RB#0-PASS****Band4-15MHz-QPSK-20025-1RB#0-PASS****Band4-15MHz-16QAM-20025-1RB#0-PASS**

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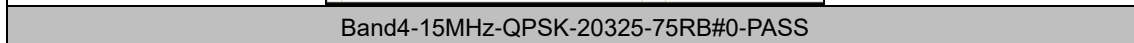
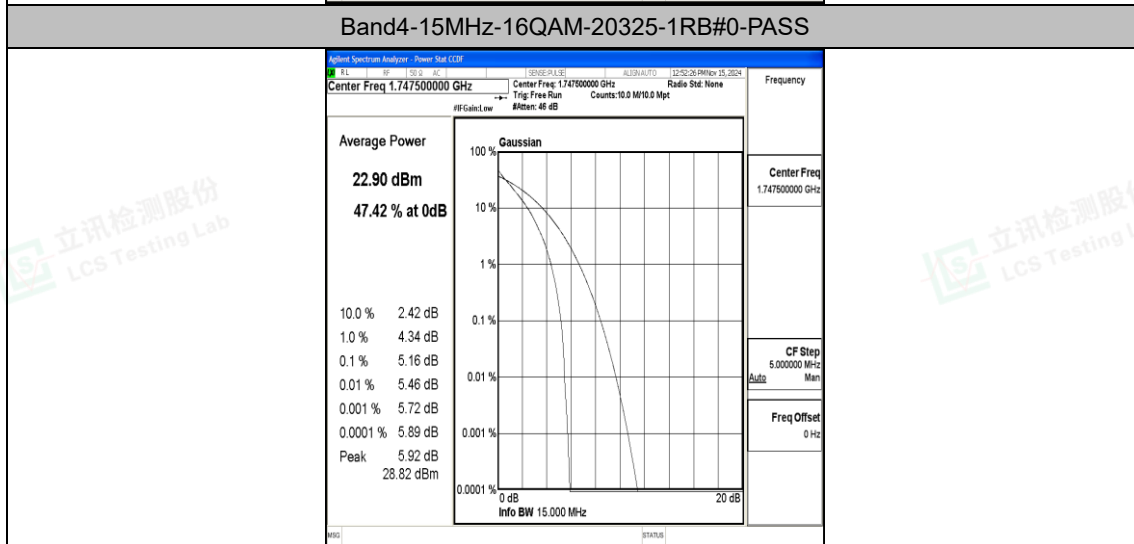
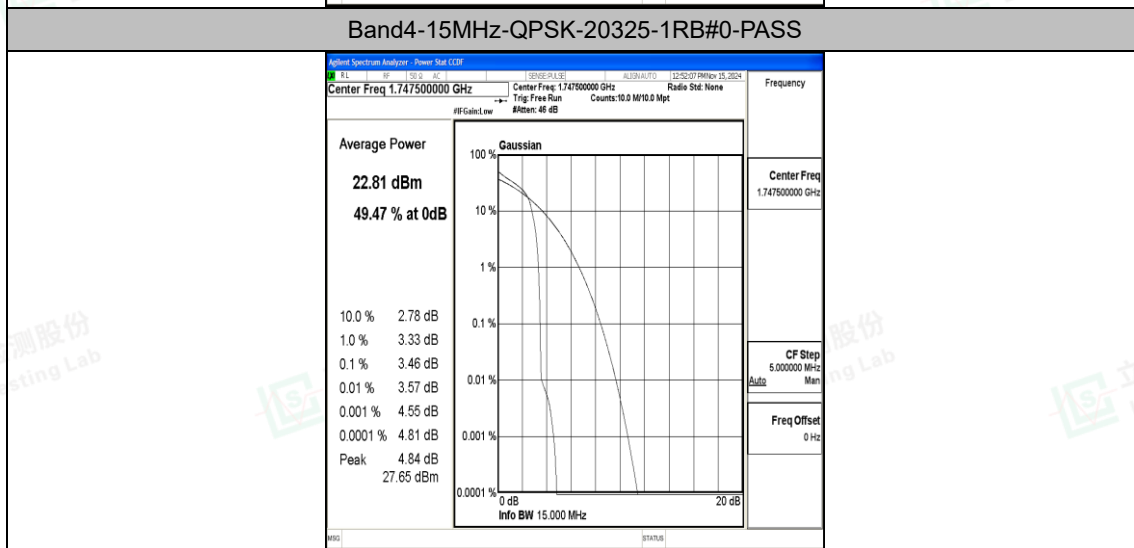
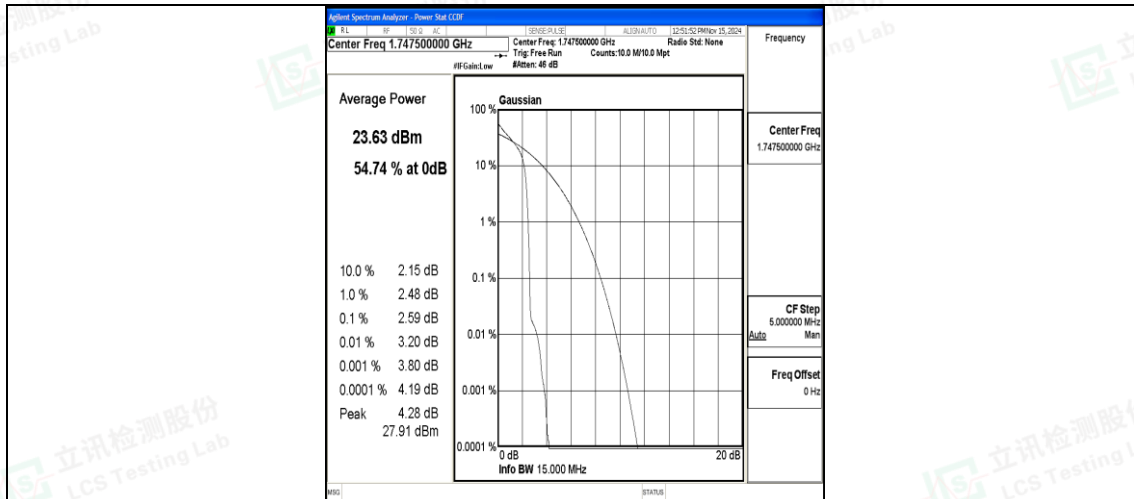


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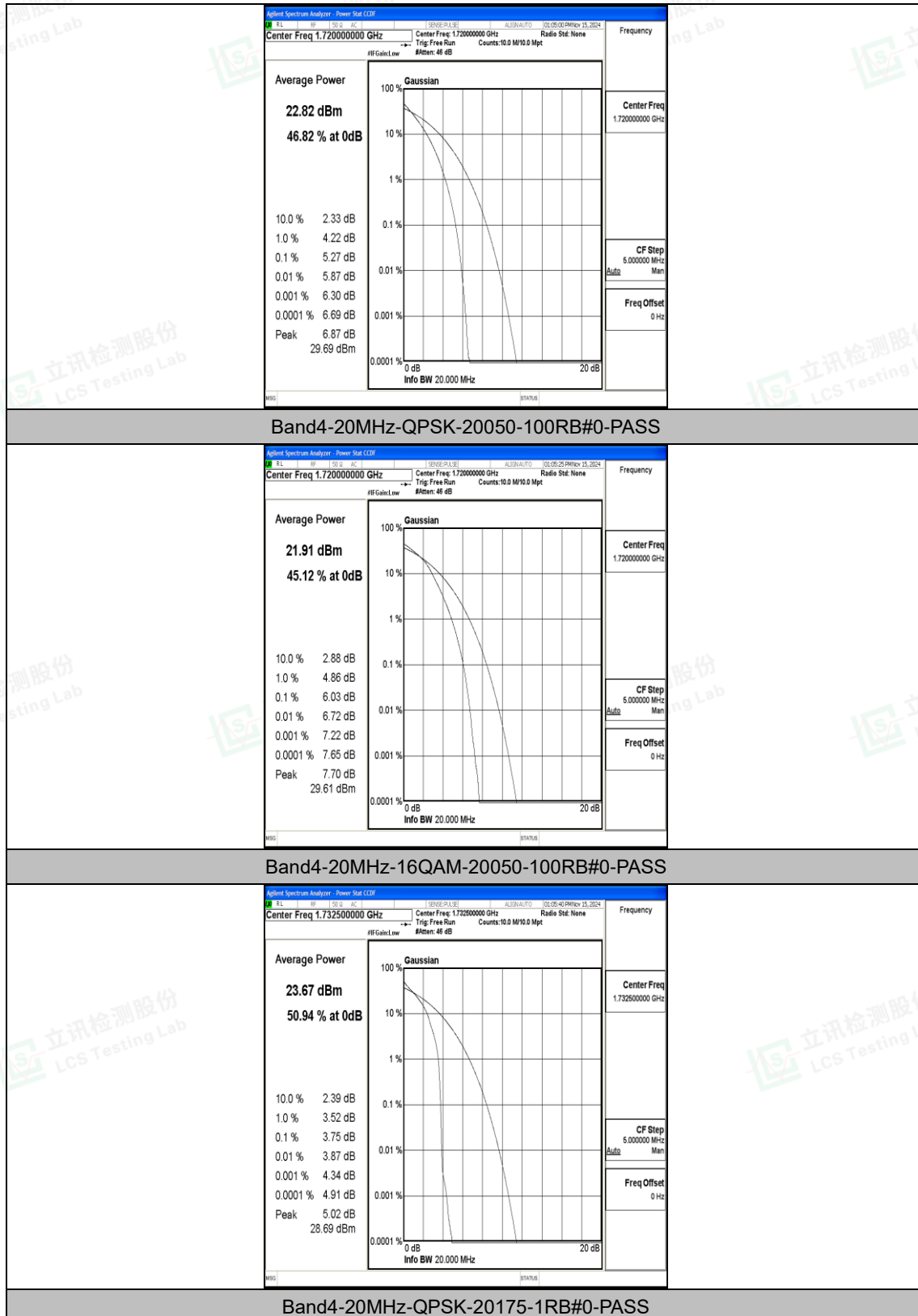


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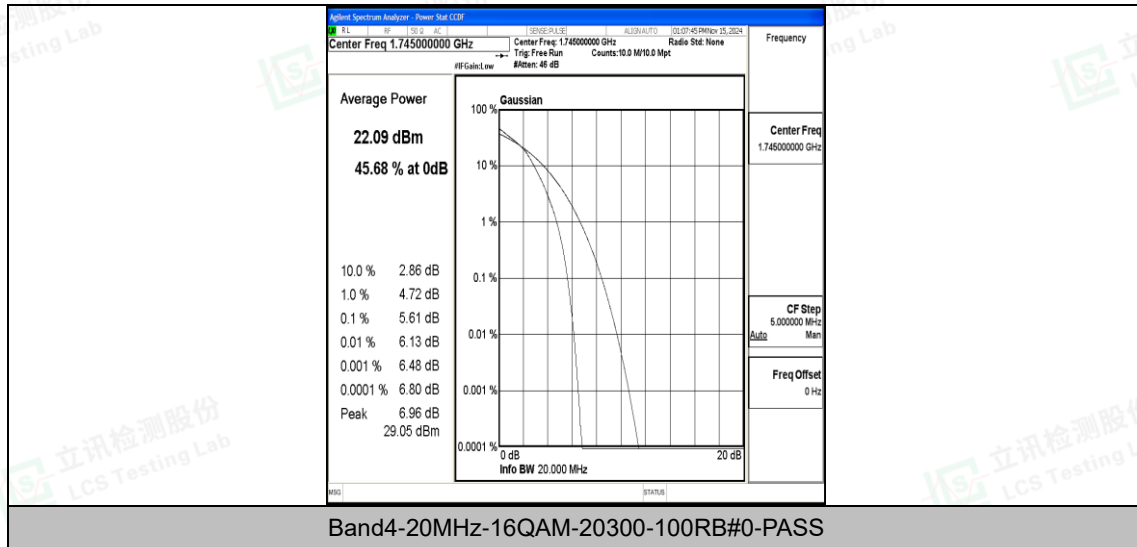


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C.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0872	1.241	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1036	1.254	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.1069	1.271	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0964	1.248	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0912	1.235	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1048	1.252	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7073	3.003	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7056	3.019	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7188	3.054	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7059	3.024	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7038	3.013	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7100	3.023	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5070	4.978	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5060	4.971	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5266	4.983	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5198	4.978	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5074	4.977	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5122	4.981	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9790	9.840	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9821	9.909	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0129	10.04	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0239	9.948	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0232	9.922	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0005	9.938	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.512	14.95	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.507	14.87	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.526	14.95	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.508	14.93	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.514	14.96	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.533	14.92	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.987	19.70	PASS



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Band4	20MHz	16QAM	20050	100RB#0	17.961	19.62	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.032	19.70	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.054	19.62	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.101	19.89	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.101	19.87	PASS



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Test Graphs



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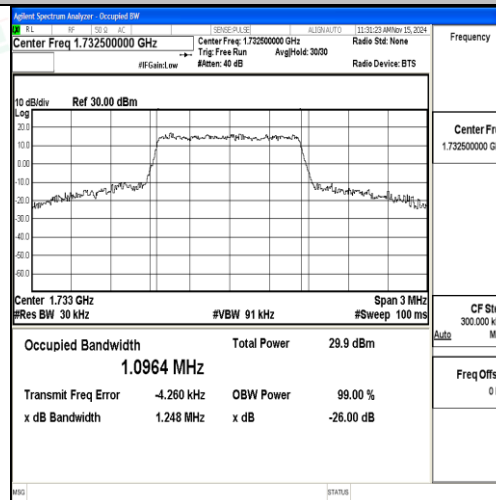
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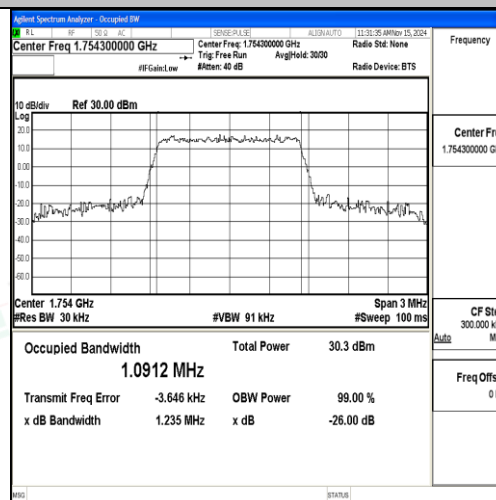
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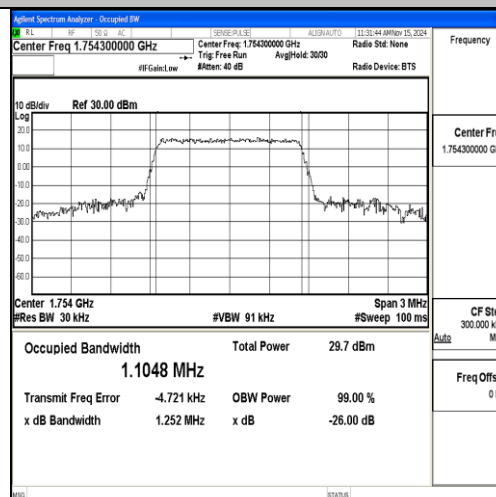
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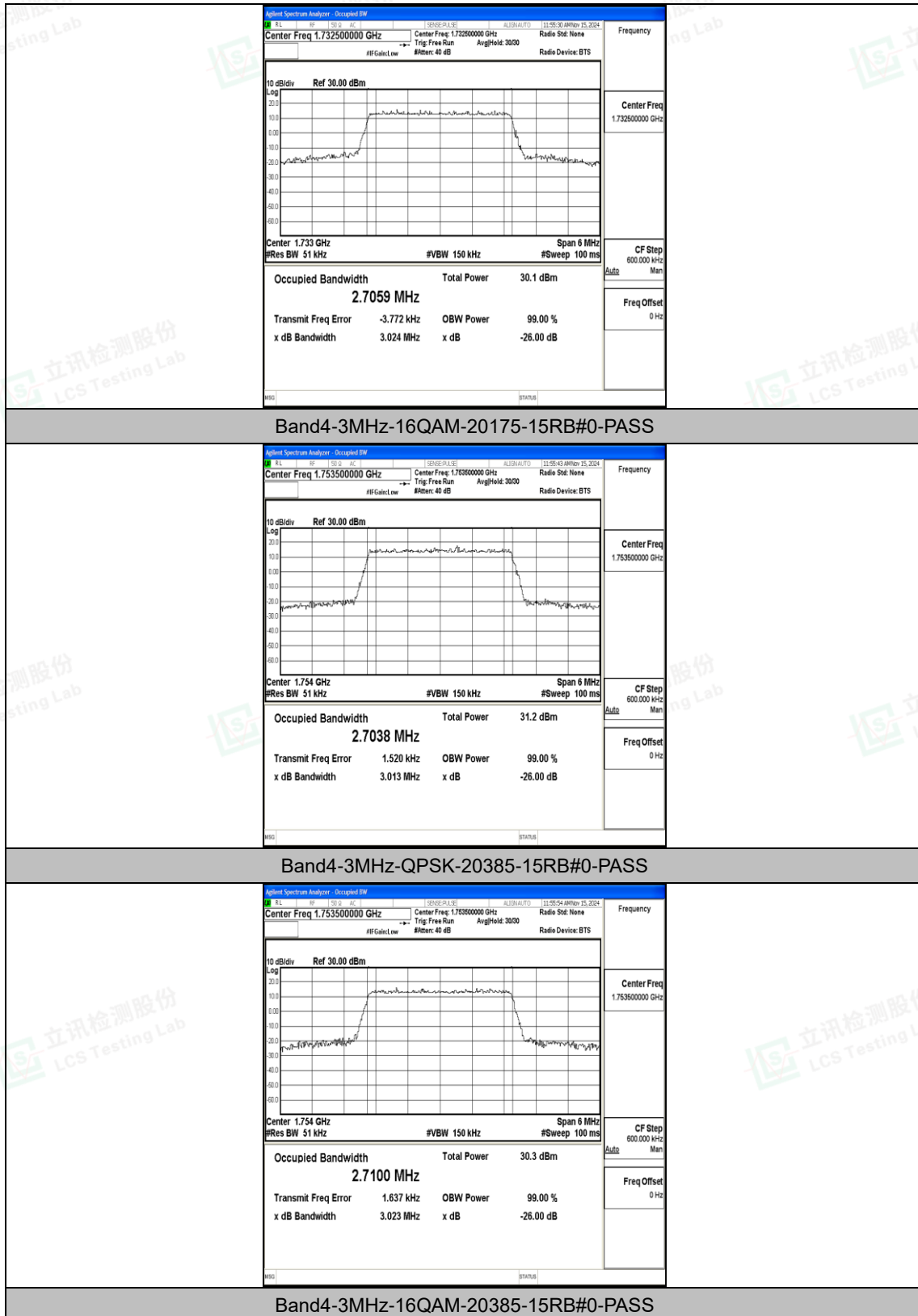
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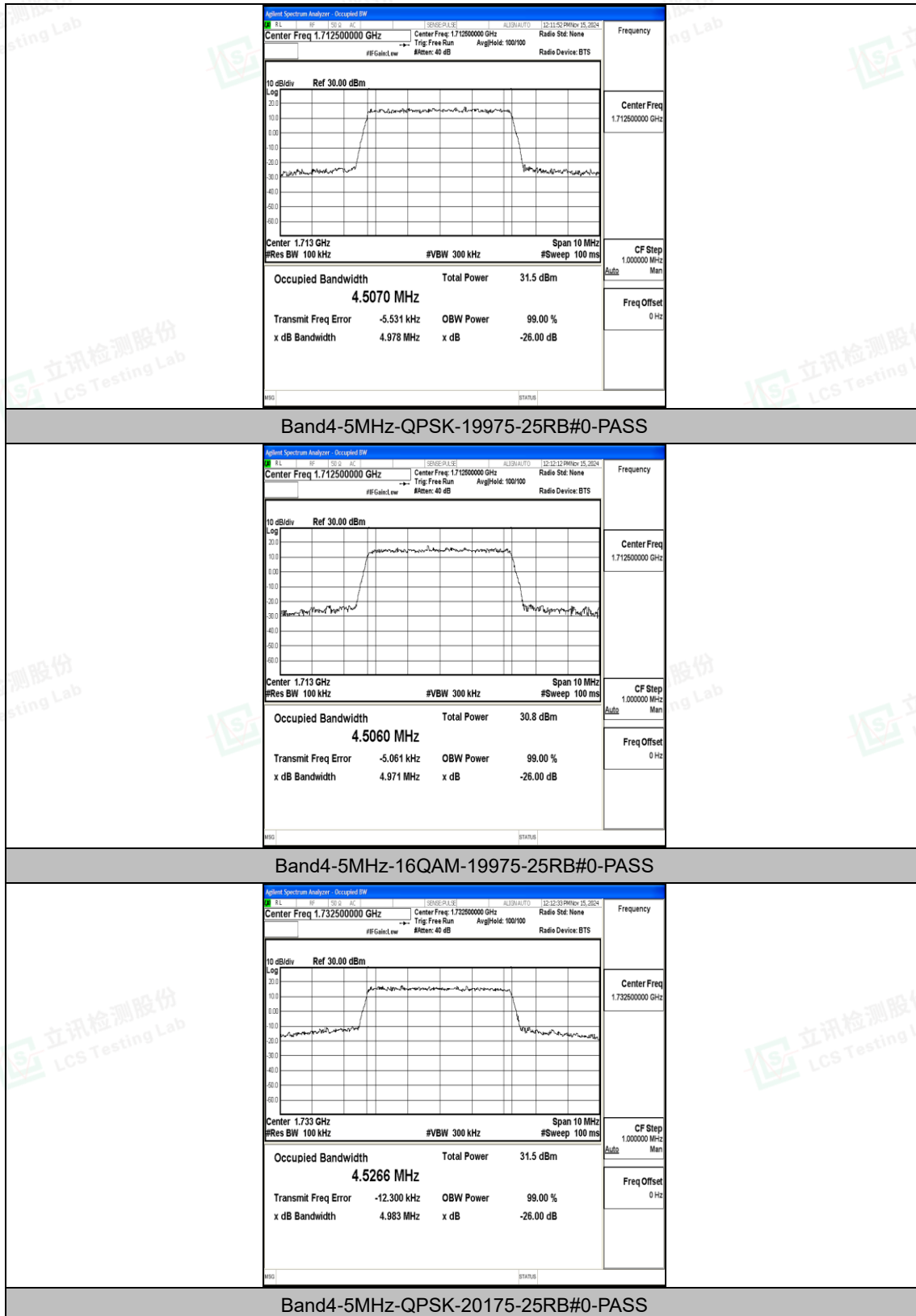
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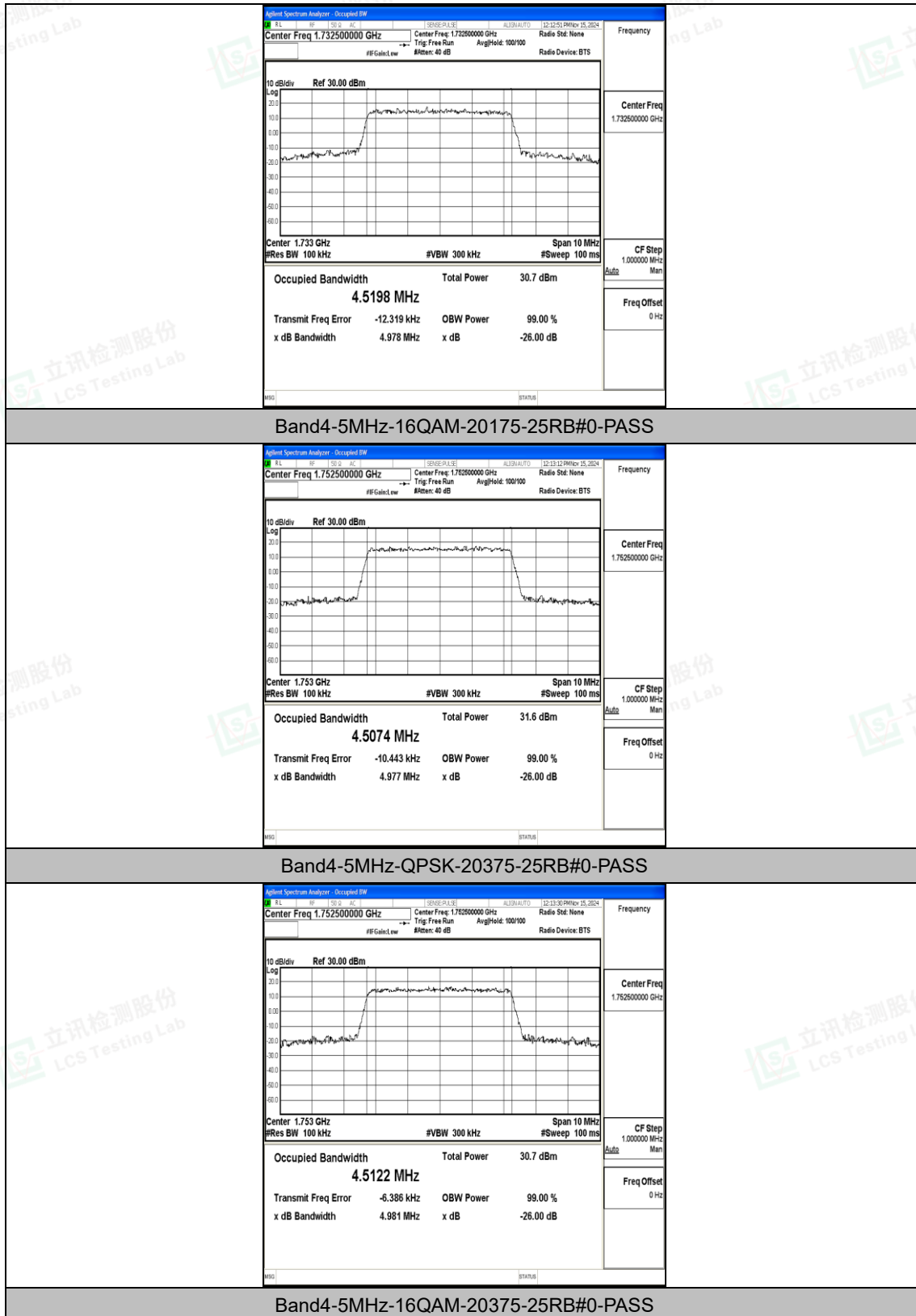


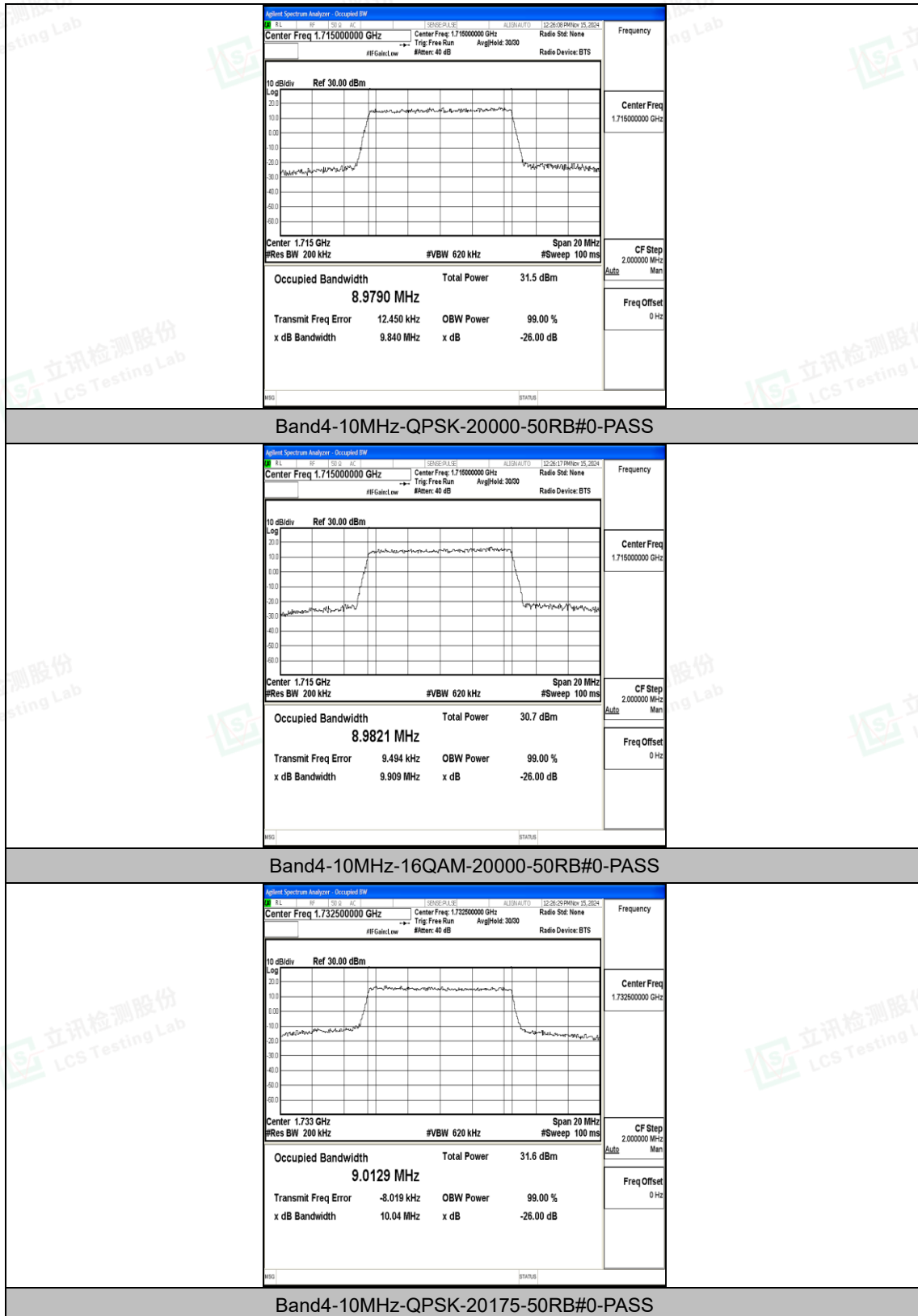
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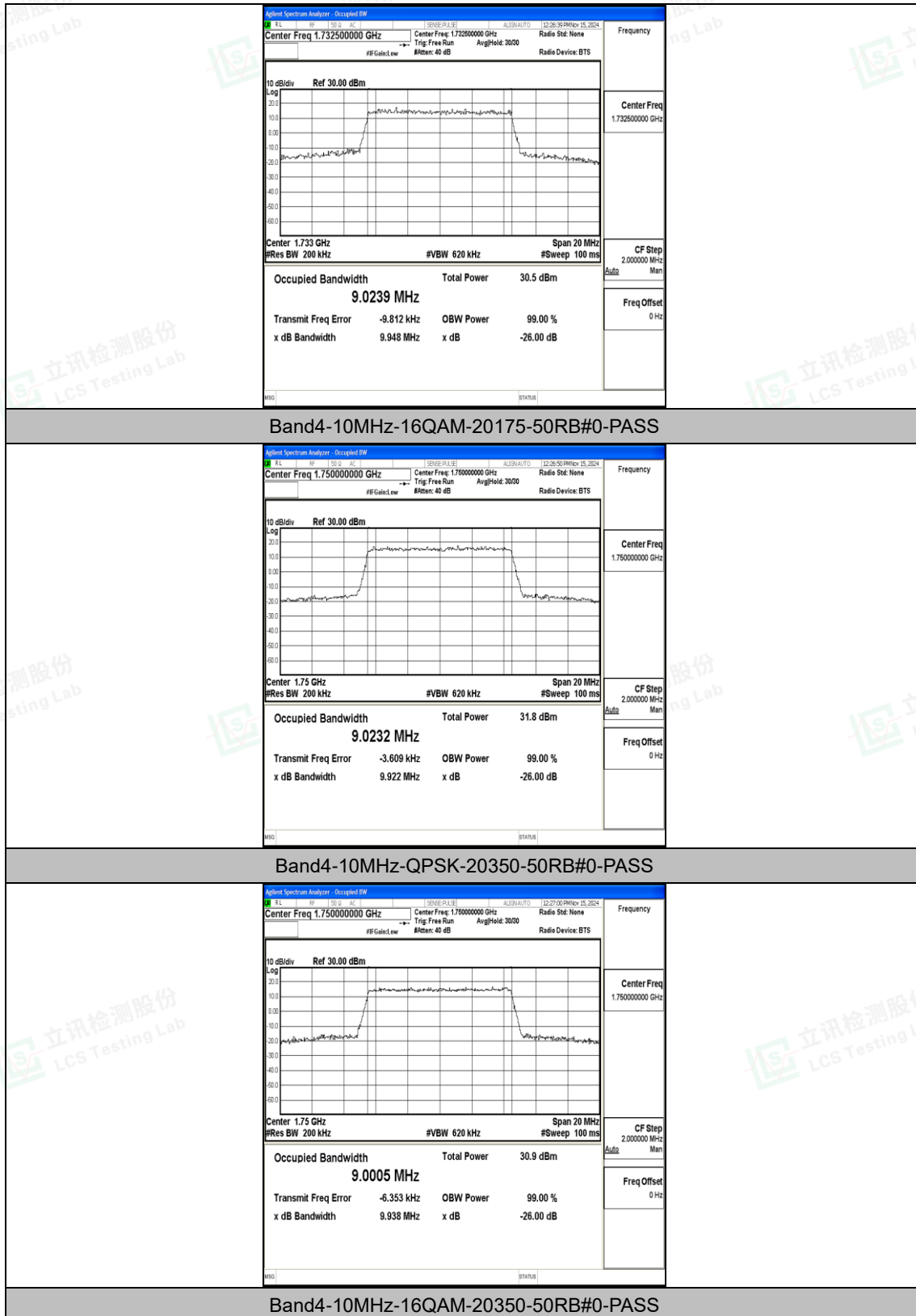
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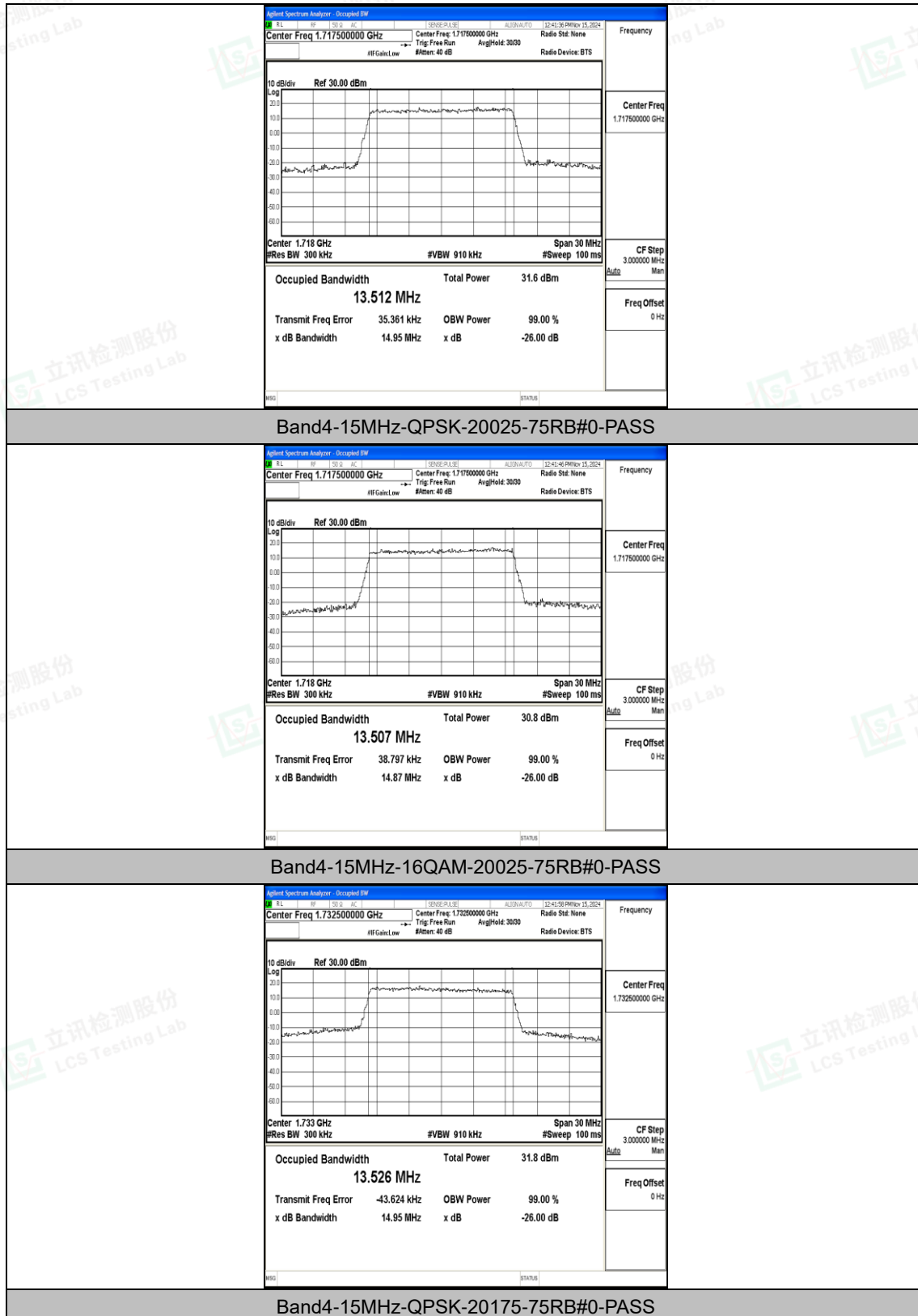


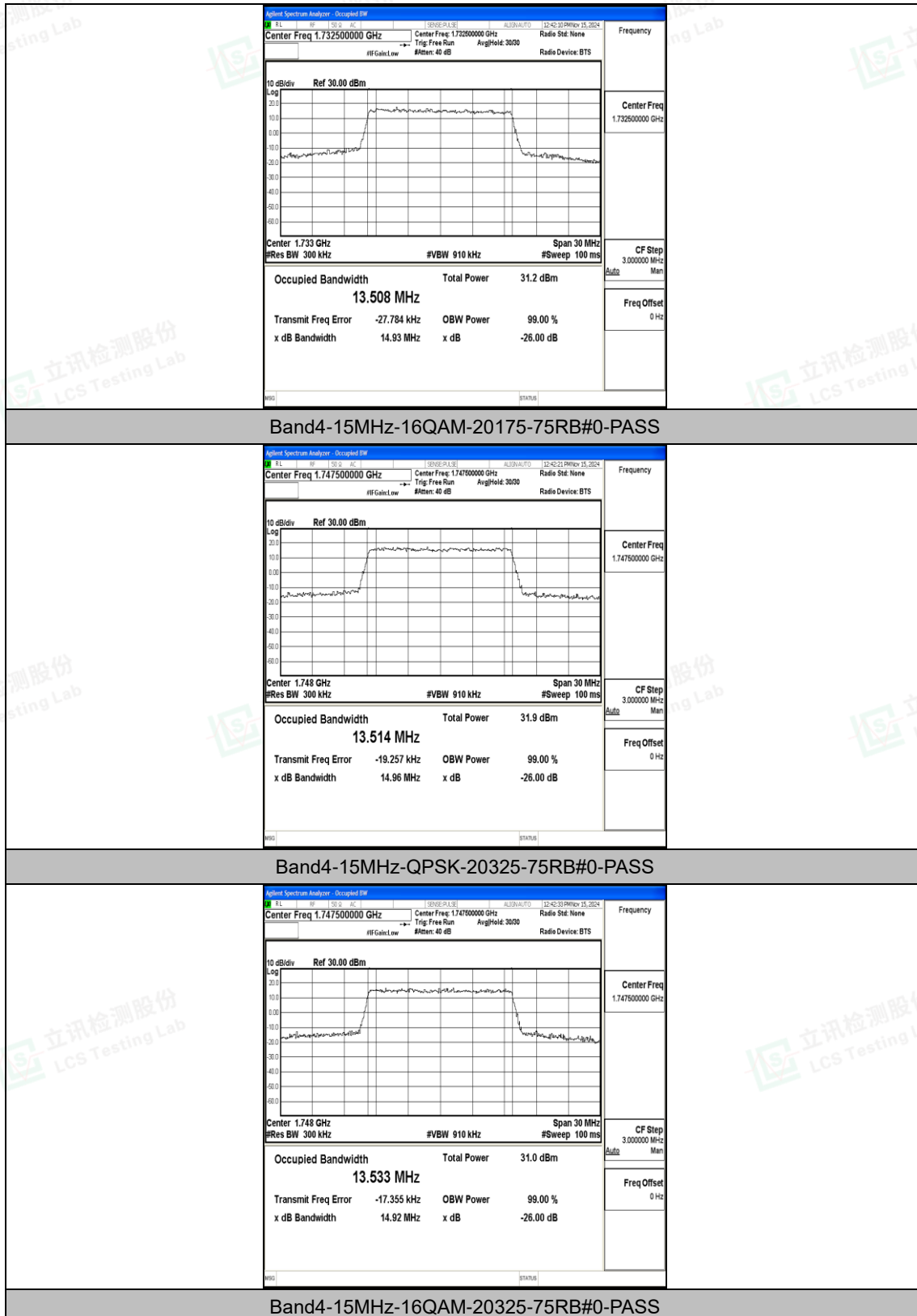
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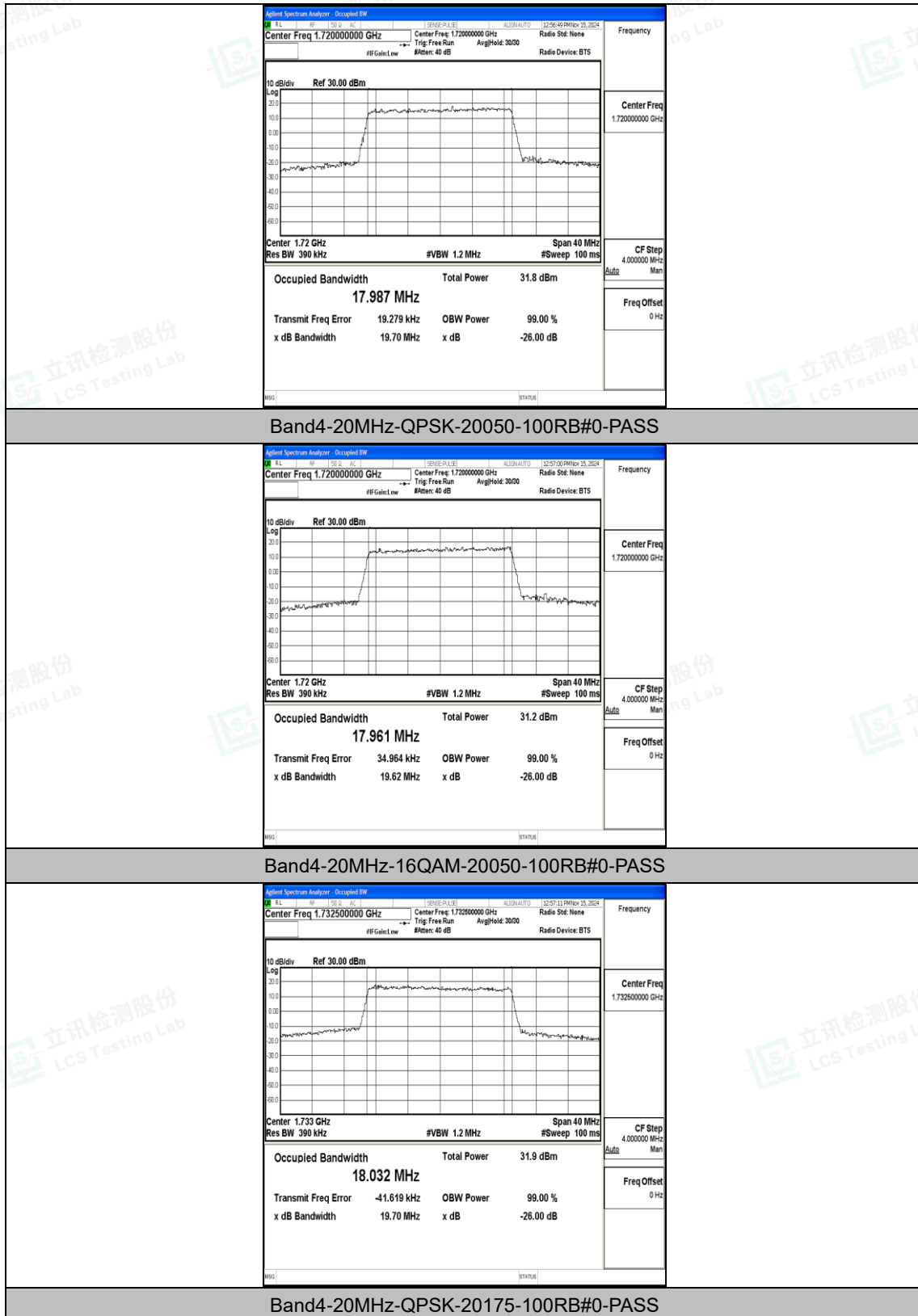


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C.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1709.99	-32.21	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1710.00	-32.47	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1755.00	-30.17	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1755.02	-30.34	PASS
Band4	3MHz	QPSK	19965	15RB#0	1710.00	-22.51	PASS
Band4	3MHz	16QAM	19965	15RB#0	1710.00	-25.19	PASS
Band4	3MHz	QPSK	20385	15RB#0	1755.01	-23.99	PASS
Band4	3MHz	16QAM	20385	15RB#0	1755.00	-24.59	PASS
Band4	5MHz	QPSK	19975	25RB#0	1710.00	-30.04	PASS
Band4	5MHz	16QAM	19975	25RB#0	1709.98	-31.59	PASS
Band4	5MHz	QPSK	20375	25RB#0	1755.00	-29.11	PASS
Band4	5MHz	16QAM	20375	25RB#0	1755.00	-29.35	PASS
Band4	10MHz	QPSK	20000	50RB#0	1709.98	-32.34	PASS
Band4	10MHz	16QAM	20000	50RB#0	1709.98	-35.36	PASS
Band4	10MHz	QPSK	20350	50RB#0	1755.01	-28.93	PASS
Band4	10MHz	16QAM	20350	50RB#0	1755.01	-30.28	PASS
Band4	15MHz	QPSK	20025	75RB#0	1709.99	-32.08	PASS
Band4	15MHz	16QAM	20025	75RB#0	1709.93	-34.56	PASS
Band4	15MHz	QPSK	20325	75RB#0	1755.02	-25.81	PASS
Band4	15MHz	16QAM	20325	75RB#0	1755.10	-28.87	PASS
Band4	20MHz	QPSK	20050	100RB#0	1709.90	-33.70	PASS
Band4	20MHz	16QAM	20050	100RB#0	1709.99	-35.36	PASS
Band4	20MHz	QPSK	20300	100RB#0	1755.10	-27.10	PASS
Band4	20MHz	16QAM	20300	100RB#0	1755.06	-29.23	PASS



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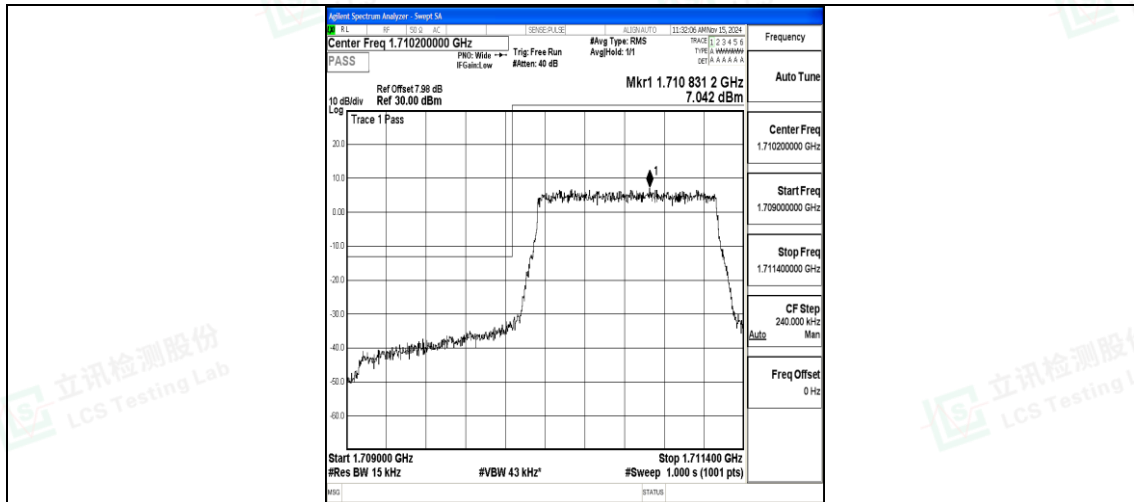
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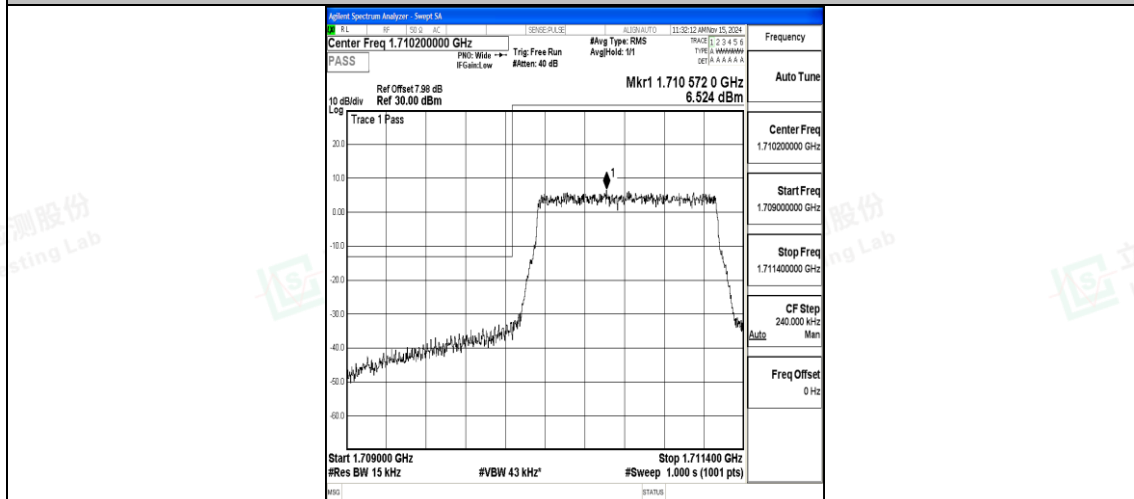
Scan code to check authenticity



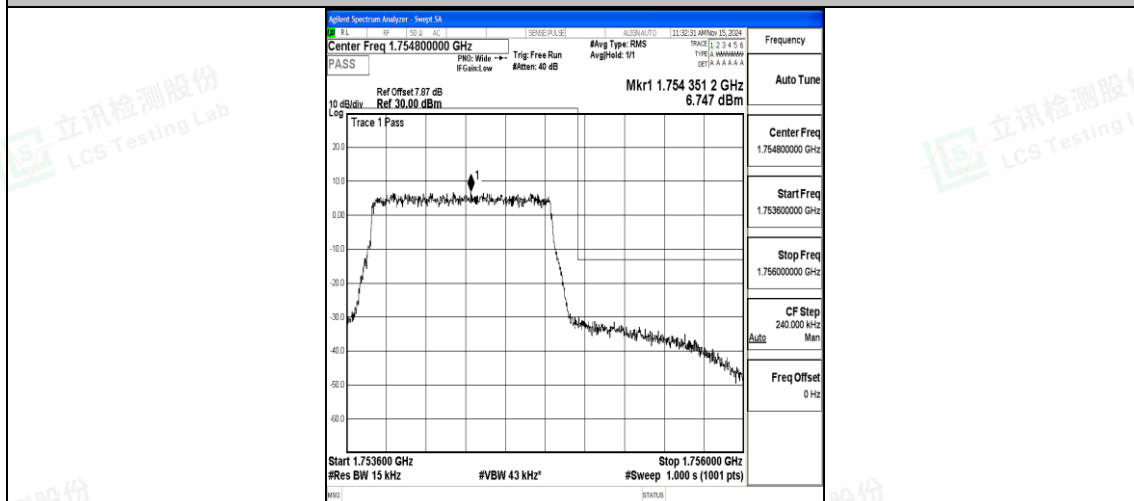
Test Graphs



Band4_1.4MHz_QPSK_19957_6RB#0



Band4_1.4MHz_16QAM_19957_6RB#0



Band4_1.4MHz_QPSK_20393_6RB#0



Shenzhen LCS Compliance Testing Laboratory Ltd.

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