



Appendix I: Test Data for E-UTRA Band 4

Product Name: Smart Phone

Test Model: BraX3

Environmental Conditions

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





I.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.77	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.75	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.73	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.69	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.77	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.69	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.83	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.66	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.82	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.70	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.78	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.64	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.86	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.86	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.01	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.86	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.94	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.86	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.06	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.90	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.05	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.81	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.06	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.85	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.09	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.87	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.97	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.82	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.85	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.66	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.83	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.63	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.91	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.66	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.93	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.66	PASS



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Scan code to check authenticity



Band4	1.4MHz	QPSK	20393	3RB#1	22.90	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.72	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.88	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.75	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.90	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.87	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.95	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.80	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.90	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.74	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.91	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.75	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.85	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.85	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.82	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.86	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.82	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.86	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.84	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.84	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.98	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.91	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.01	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.86	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.03	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.84	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.99	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.95	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.99	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.94	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.93	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.98	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.97	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.87	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.85	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.62	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.82	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.61	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.89	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.68	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.96	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.97	PASS



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Band4	3MHz	QPSK	20385	8RB#4	21.97	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.95	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.92	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.95	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.92	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.84	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.09	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.90	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.96	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.84	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.96	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.83	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.93	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.91	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.90	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.91	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.87	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.87	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.93	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.92	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.04	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.07	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.07	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.09	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.14	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.12	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.03	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.09	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.02	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.10	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.05	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.11	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.05	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.99	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.05	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.92	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.09	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.88	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.87	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.97	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.00	PASS



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Band4	5MHz	QPSK	20375	12RB#6	21.97	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.95	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.99	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.99	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.96	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.91	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.82	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.85	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.90	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.94	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.90	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.86	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.89	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.87	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.90	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.83	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.89	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.85	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.05	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.94	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.05	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.91	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.06	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.94	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.05	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.02	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.03	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.01	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.08	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.08	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.04	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.05	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.95	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.79	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.94	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.65	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.74	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.01	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.99	PASS



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Band4	10MHz	QPSK	20350	25RB#12	21.96	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.01	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.93	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.97	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.96	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.97	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.97	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.92	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.96	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.94	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.04	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.02	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.92	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.92	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.92	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.92	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.93	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.91	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.92	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.88	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.99	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.14	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.03	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.14	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.99	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.05	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.05	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.06	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.08	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.08	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.07	PASS
Band4	15MHz	16QAM	20175	38RB#37	22.07	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.07	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.08	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.10	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.84	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.03	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.77	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.02	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.81	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.98	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.98	PASS



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Band4	15MHz	QPSK	20325	38RB#18	21.98	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.99	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.99	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.99	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.98	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.13	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.92	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.07	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.83	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.04	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.98	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.92	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.92	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.93	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.91	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.98	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.98	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.96	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.93	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.01	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.21	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.13	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.35	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.08	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.32	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.04	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.06	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.06	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.05	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.13	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.12	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.09	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.06	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.02	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.94	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.96	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.91	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.97	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.88	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.10	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.14	PASS



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Band4	20MHz	QPSK	20300	50RB#25	22.09	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.13	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.96	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.99	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.99	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.99	PASS





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	4.03	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.10	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.94	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.77	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.99	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.05	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.83	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.67	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	4.45	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	5.51	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.17	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.00	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.01	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.96	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.08	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.89	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.01	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.95	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.95	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.76	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	4.39	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	5.34	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.25	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.06	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.00	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	4.86	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.35	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.05	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.06	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.87	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.22	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.93	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.28	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.08	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.42	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.11	13	PASS



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Band4	10MHz	QPSK	20000	1RB#0	3.97	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	4.91	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.36	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.10	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.13	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.07	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.17	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.93	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	3.98	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	4.89	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.30	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.08	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	3.95	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	4.90	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.65	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.19	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.25	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.16	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.41	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.00	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	3.83	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	4.80	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.51	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.06	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.92	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	4.74	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.32	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.10	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.34	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.10	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.15	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.92	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	3.80	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	4.72	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.20	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.94	13	PASS





Test Graphs

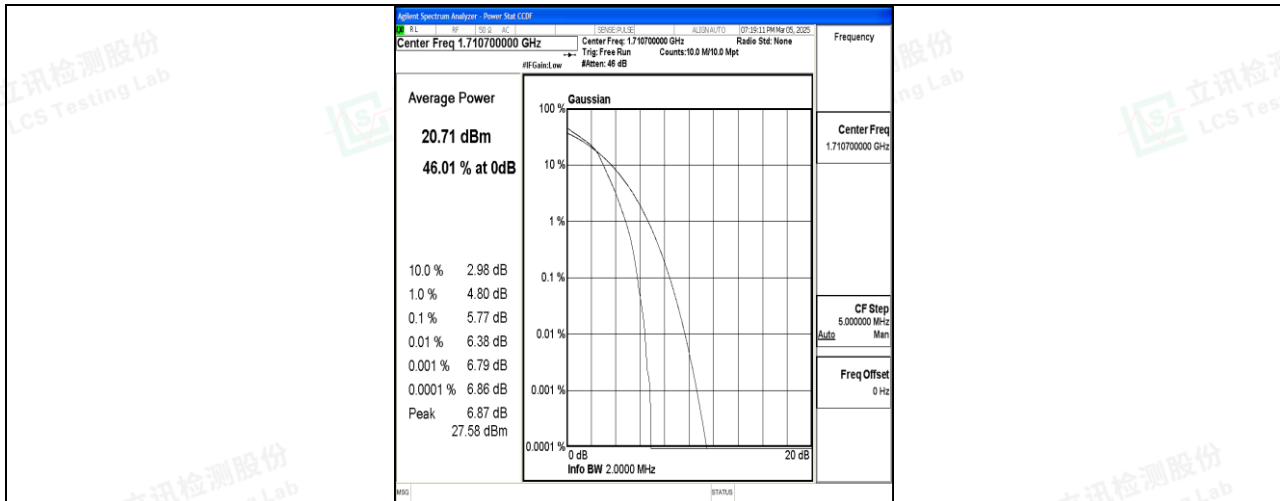


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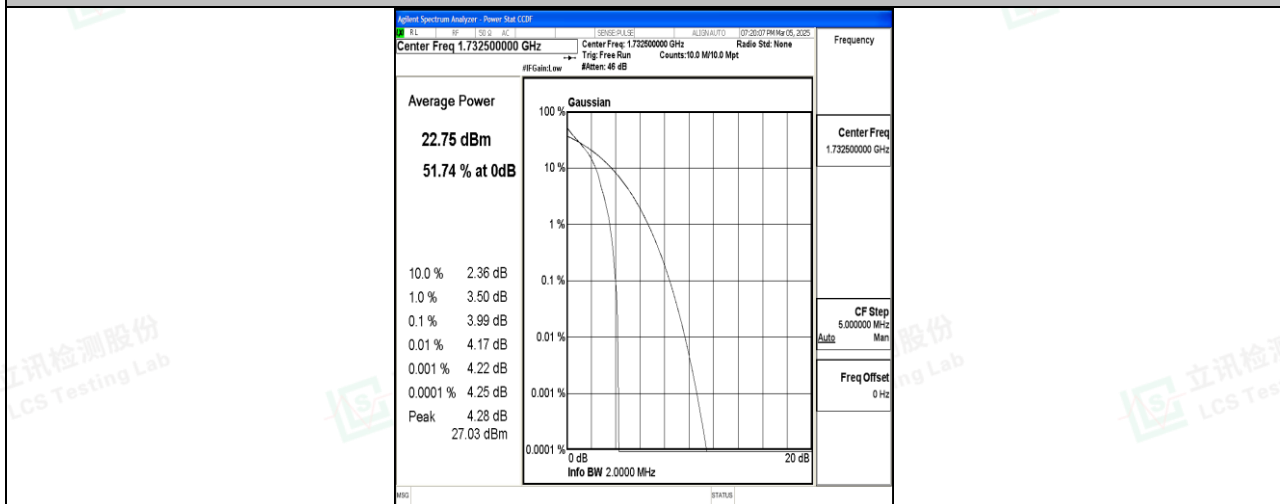
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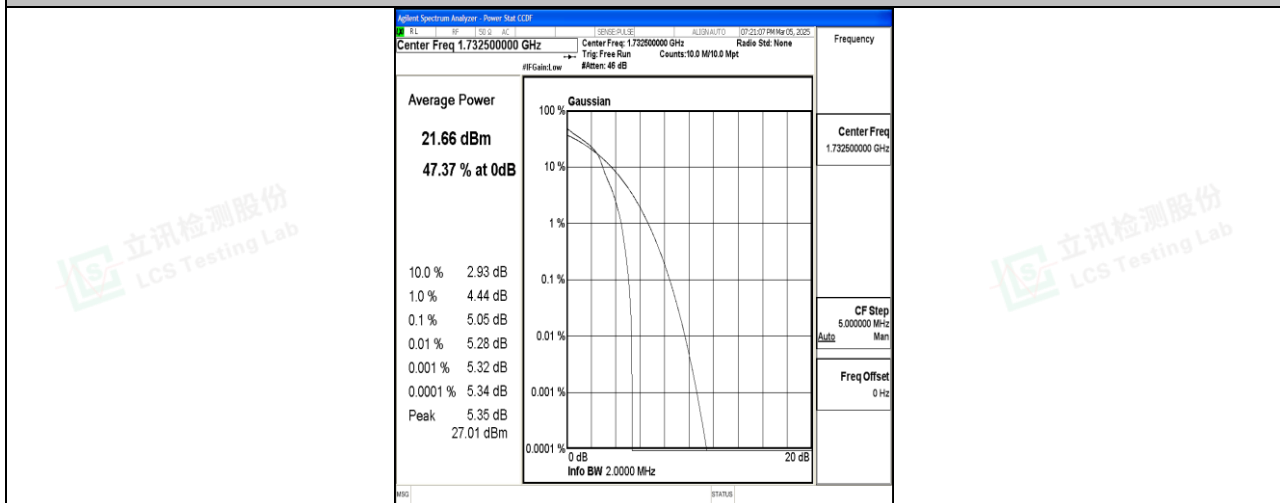
Scan code to check authenticity



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



Band4-1.4MHz-QPSK-20175-1RB#0-PASS



Band4-1.4MHz-16QAM-20175-1RB#0-PASS



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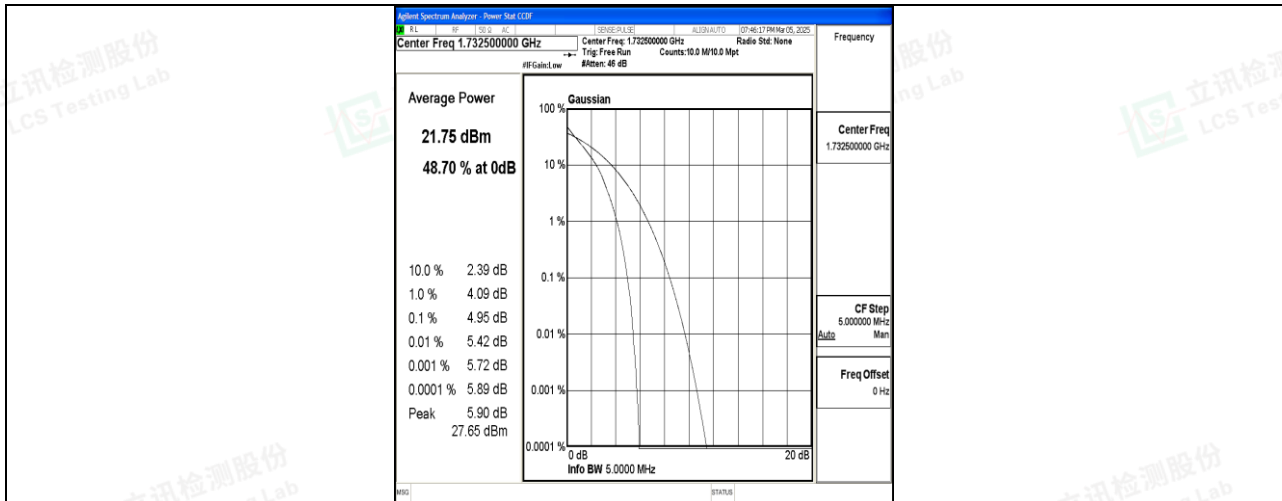


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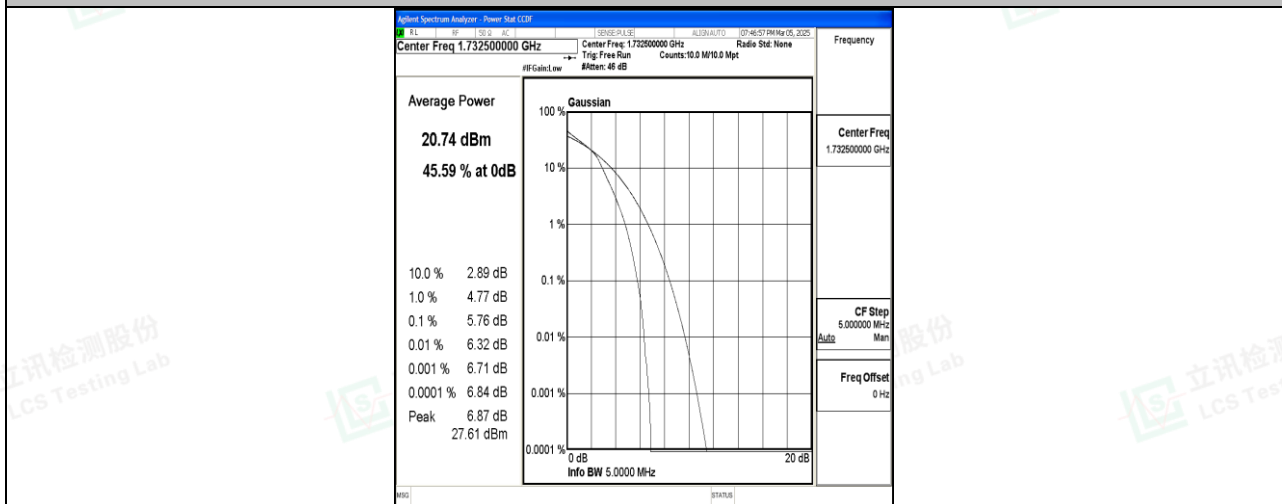
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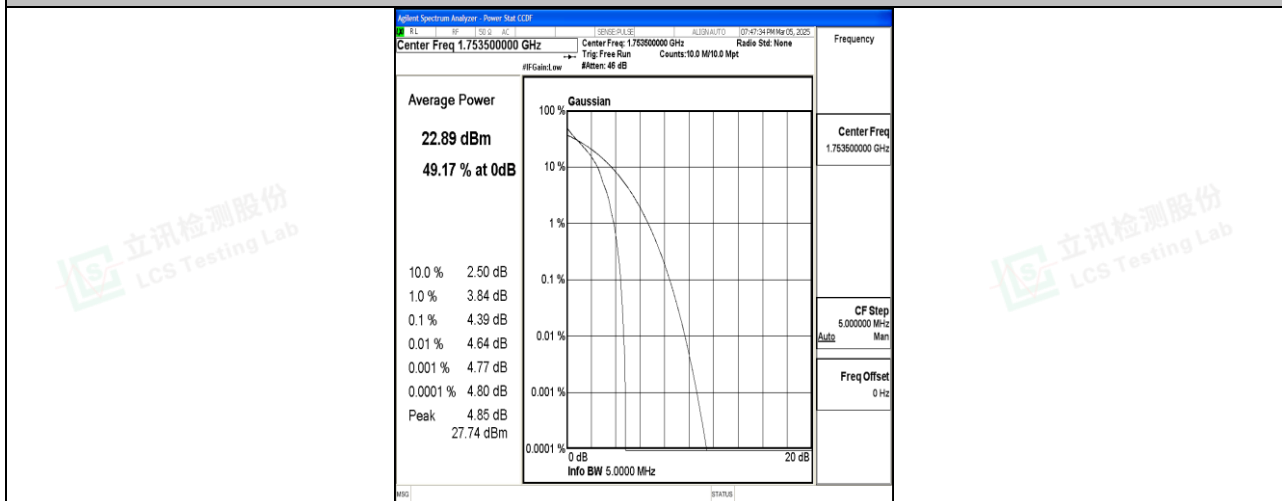
Scan code to check authenticity



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



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



Band4-3MHz-QPSK-20385-1RB#0-PASS

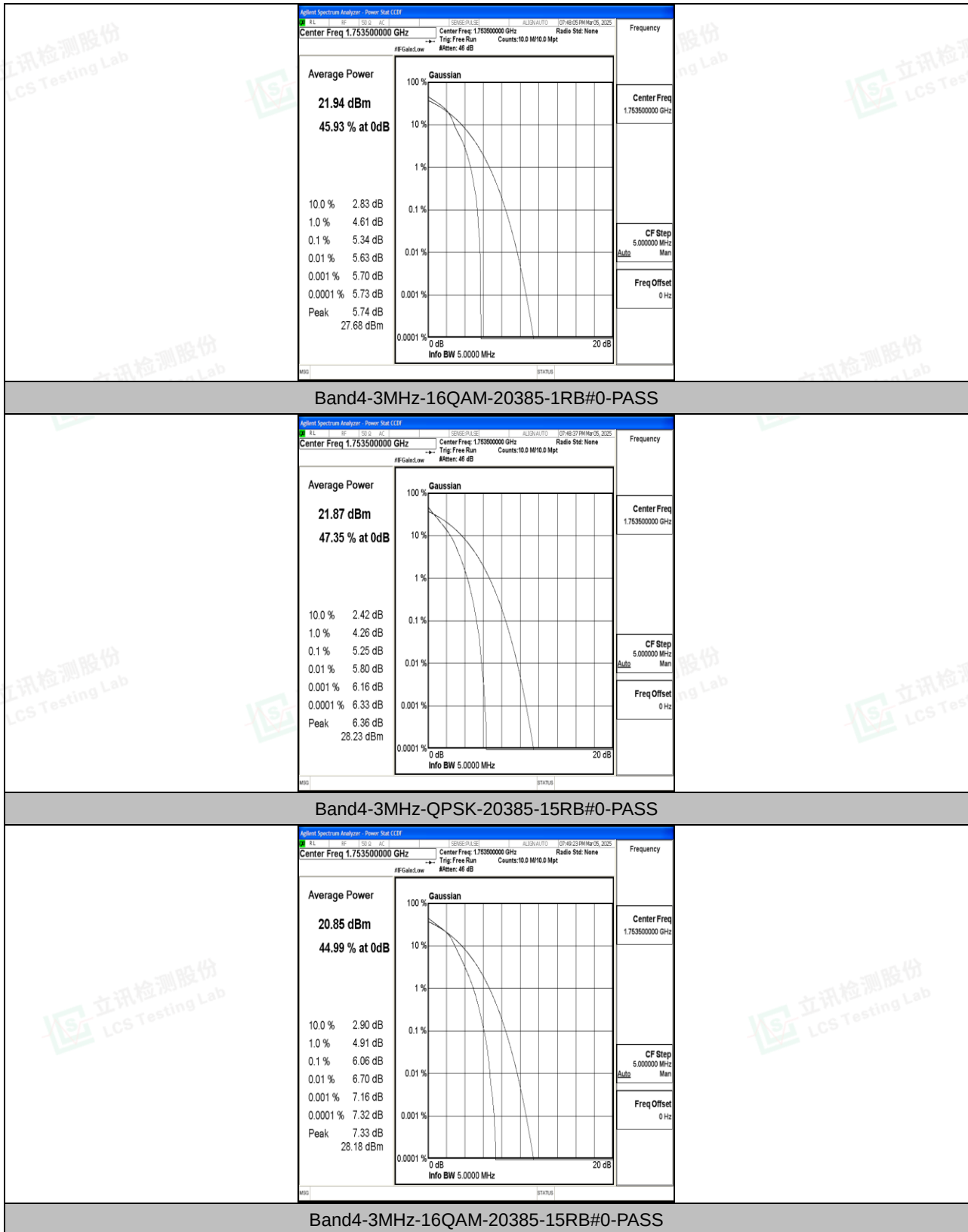


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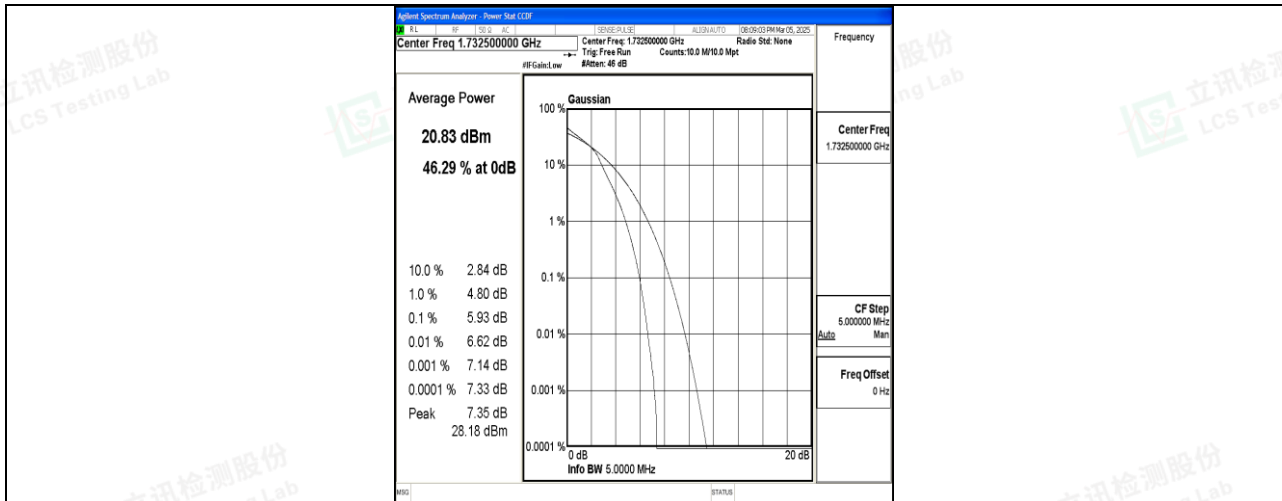


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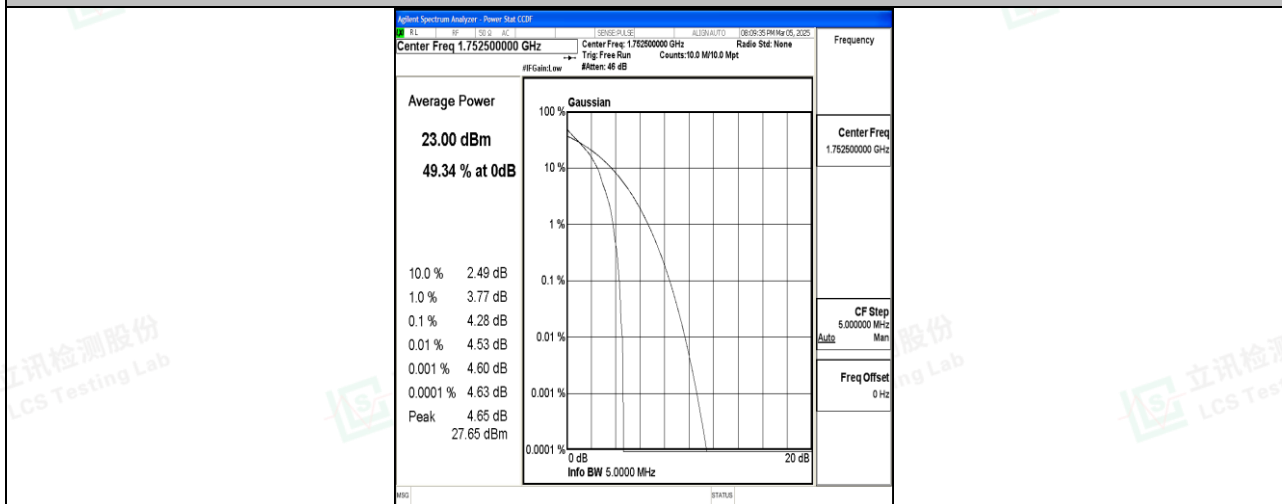
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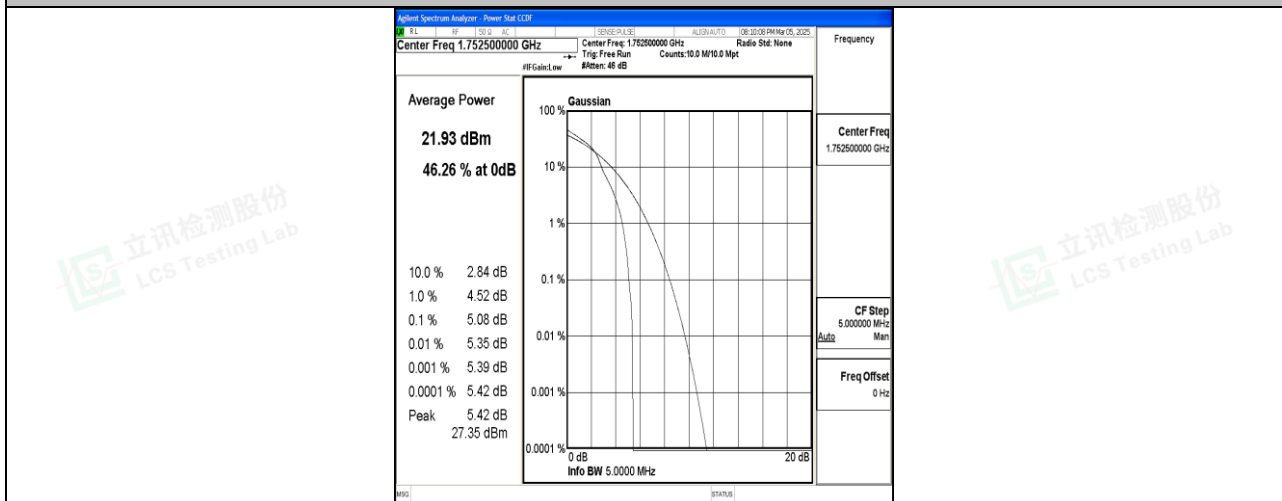
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Band4-5MHz-QPSK-20375-1RB#0-PASS



Band4-5MHz-16QAM-20375-1RB#0-PASS

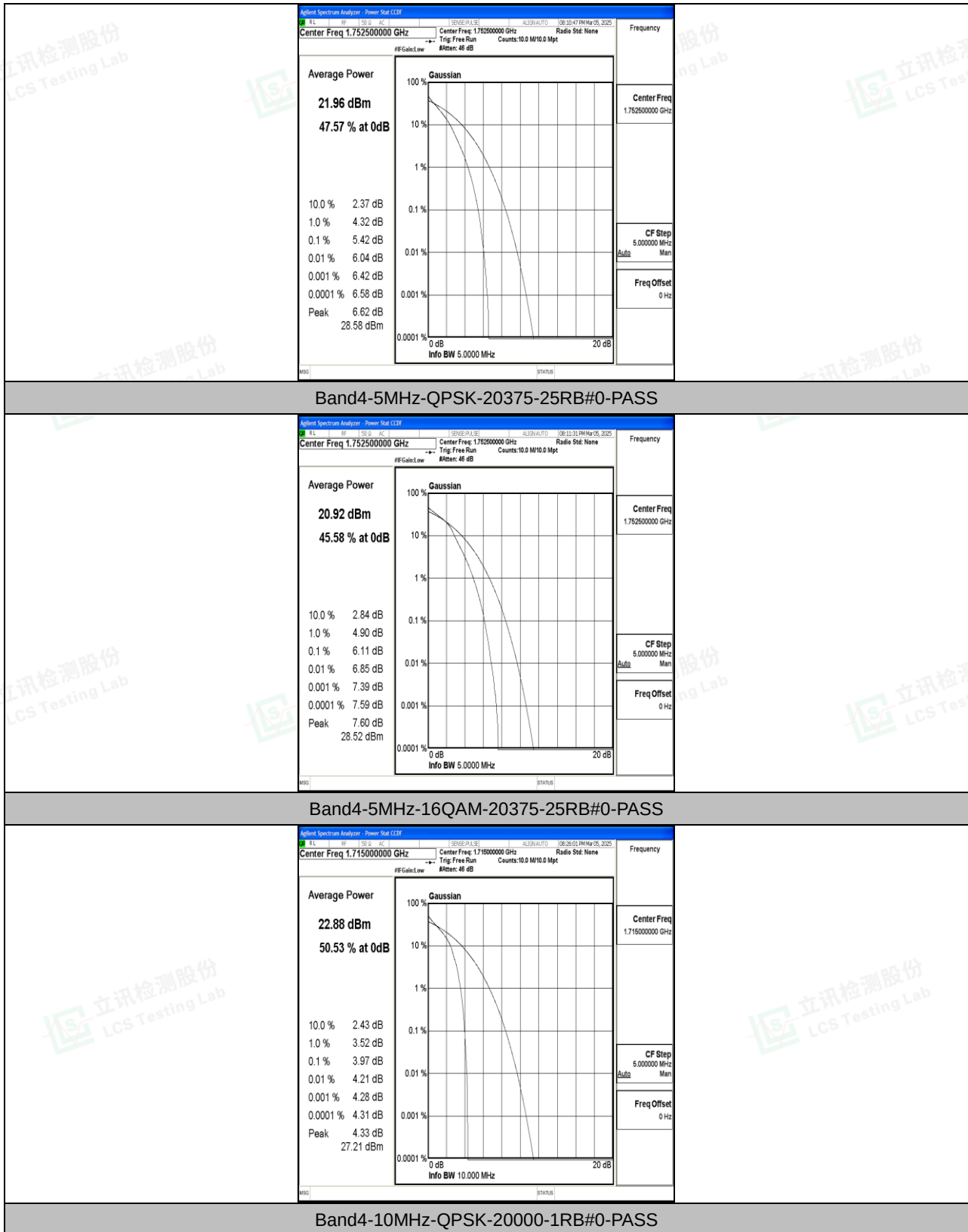


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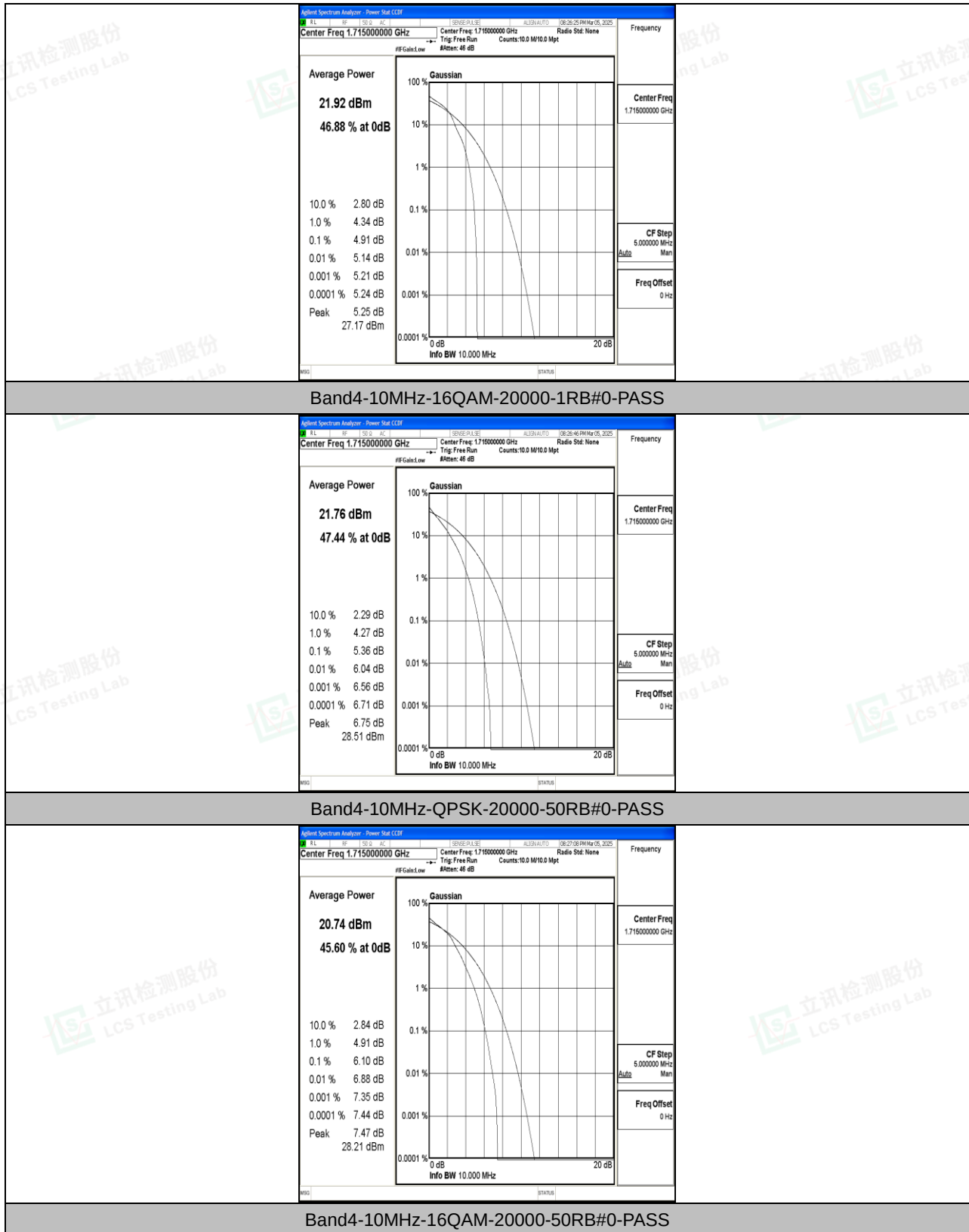


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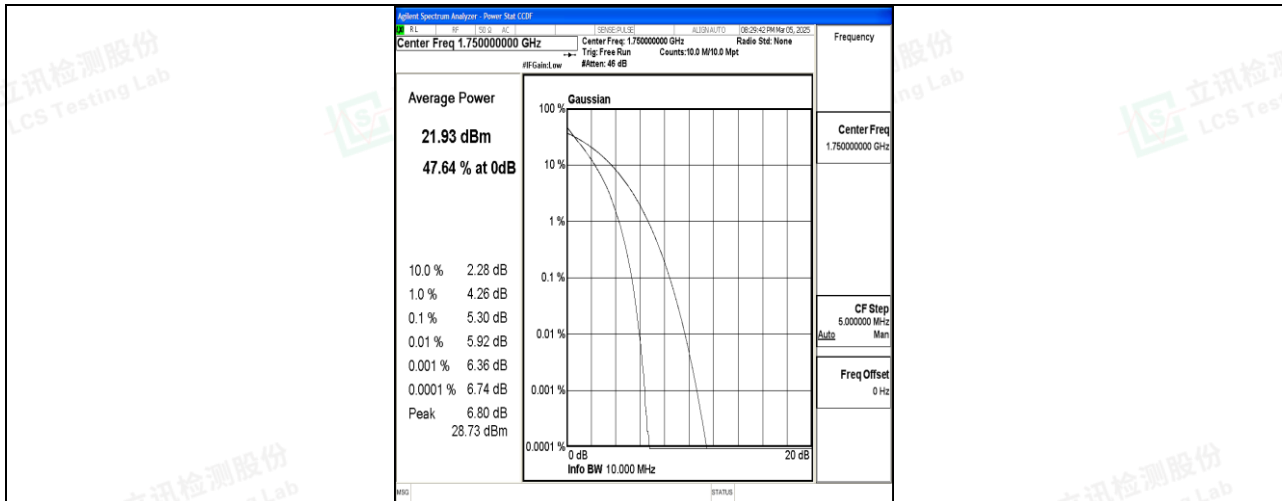


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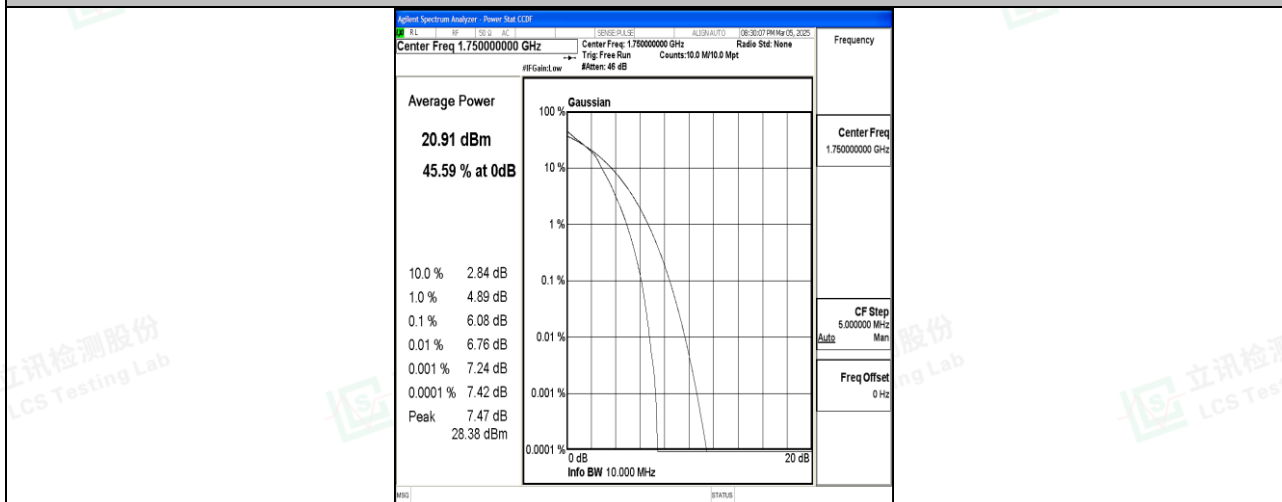
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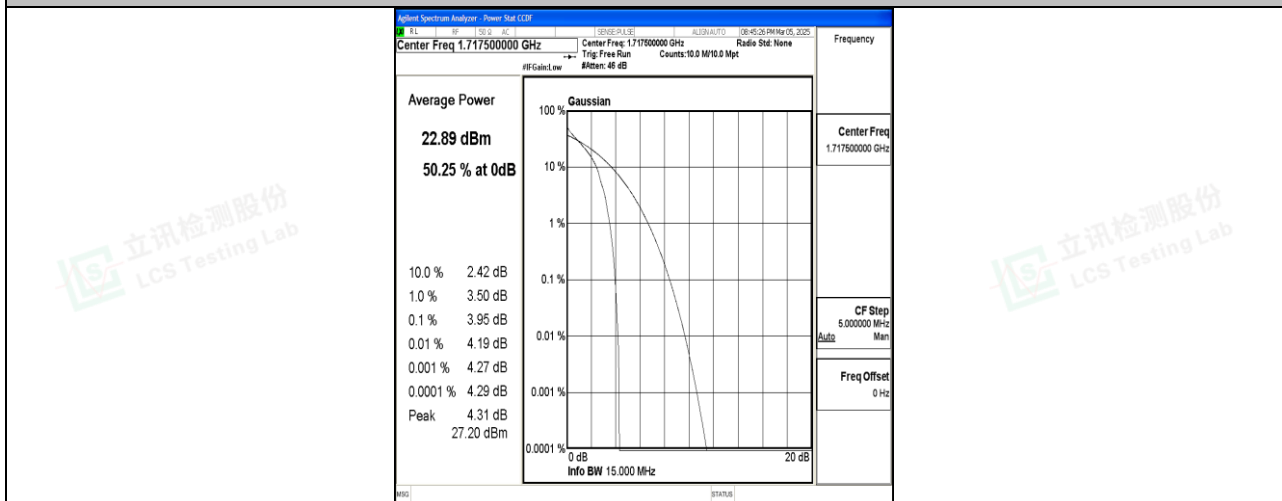
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Band4-10MHz-QPSK-20350-50RB#0-PASS



Band4-10MHz-16QAM-20350-50RB#0-PASS



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

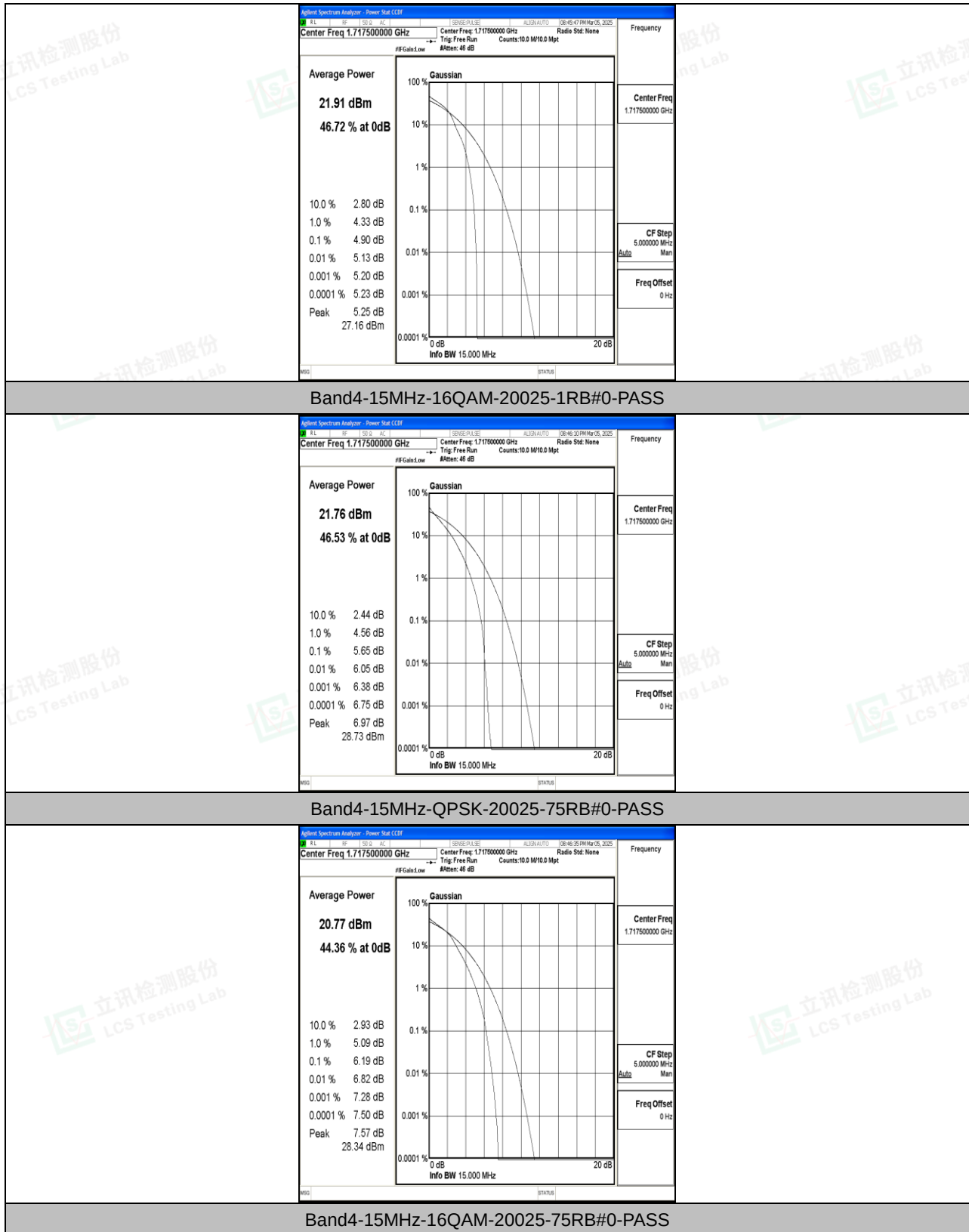


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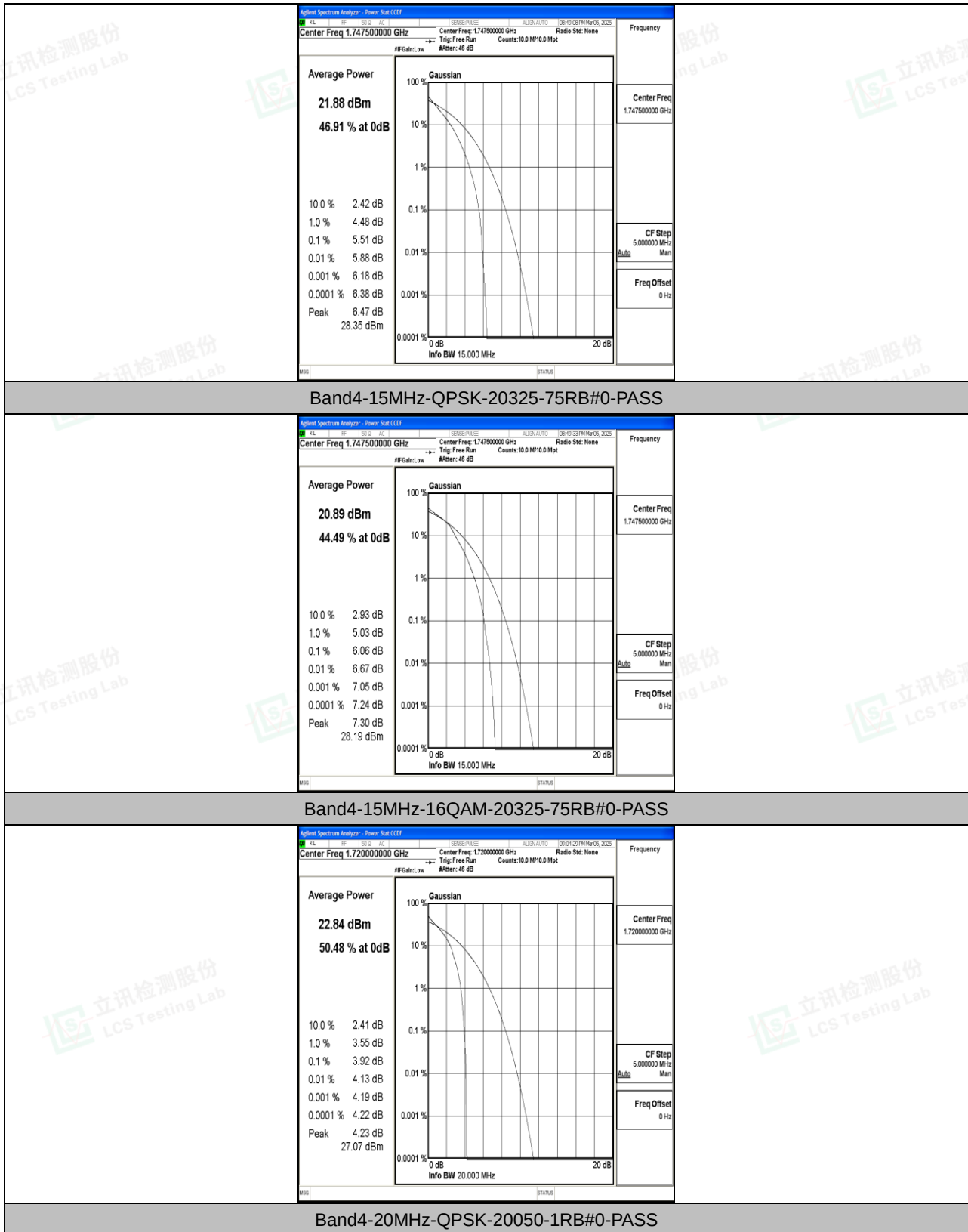


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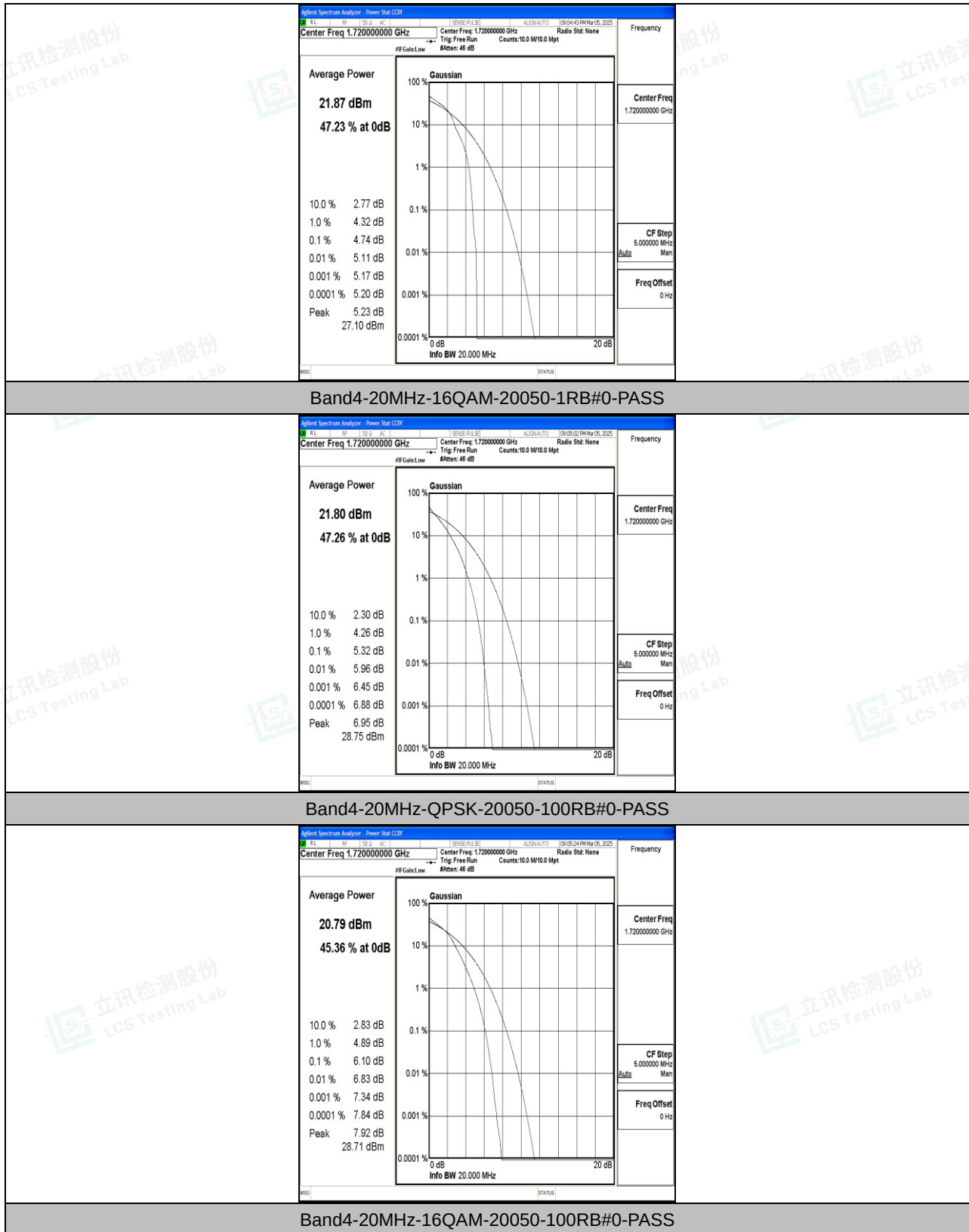


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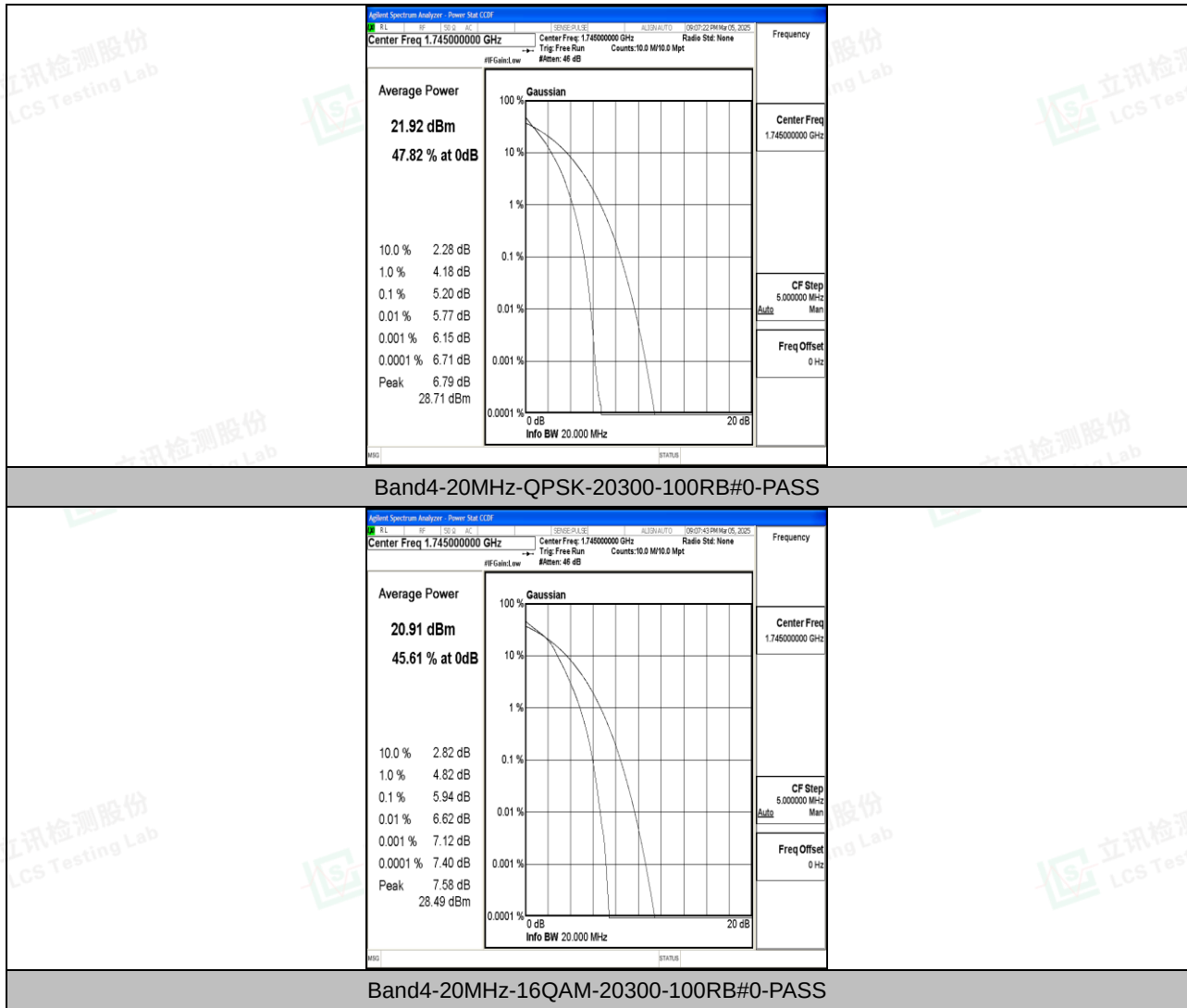


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I.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0907	1.298	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0975	1.299	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0936	1.295	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0937	1.285	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0926	1.286	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0940	1.287	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7323	3.009	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7213	3.028	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7252	3.014	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7243	3.037	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7300	3.030	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7172	3.006	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4938	4.986	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4966	4.958	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5069	4.967	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5036	4.951	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4948	4.974	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5057	4.932	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9858	9.863	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9832	9.855	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9709	9.794	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9697	9.787	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0065	9.784	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9870	9.820	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.484	14.72	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.470	14.66	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.483	14.74	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.459	14.68	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.449	14.71	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.494	14.58	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.978	19.44	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.017	19.40	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.946	19.46	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.908	19.42	PASS



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Band4	20MHz	QPSK	20300	100RB#0	17.949	19.63	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.945	19.46	PASS



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Test Graphs

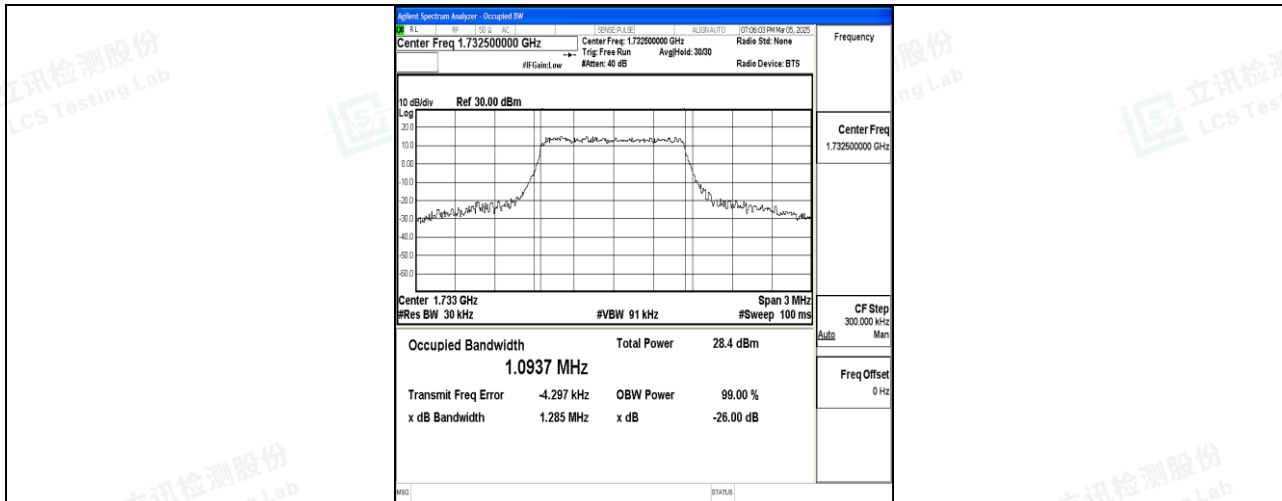


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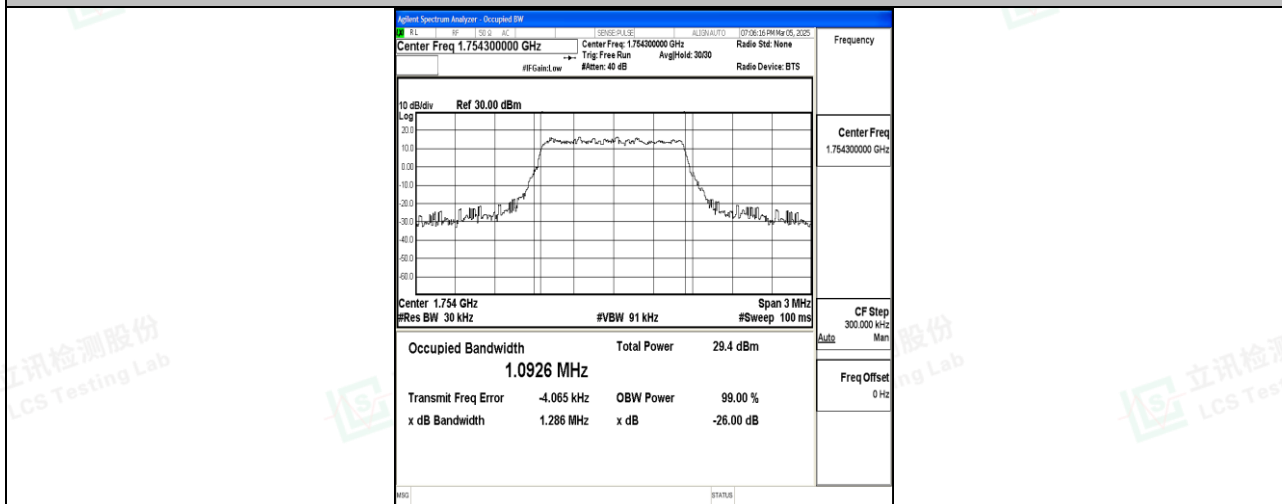
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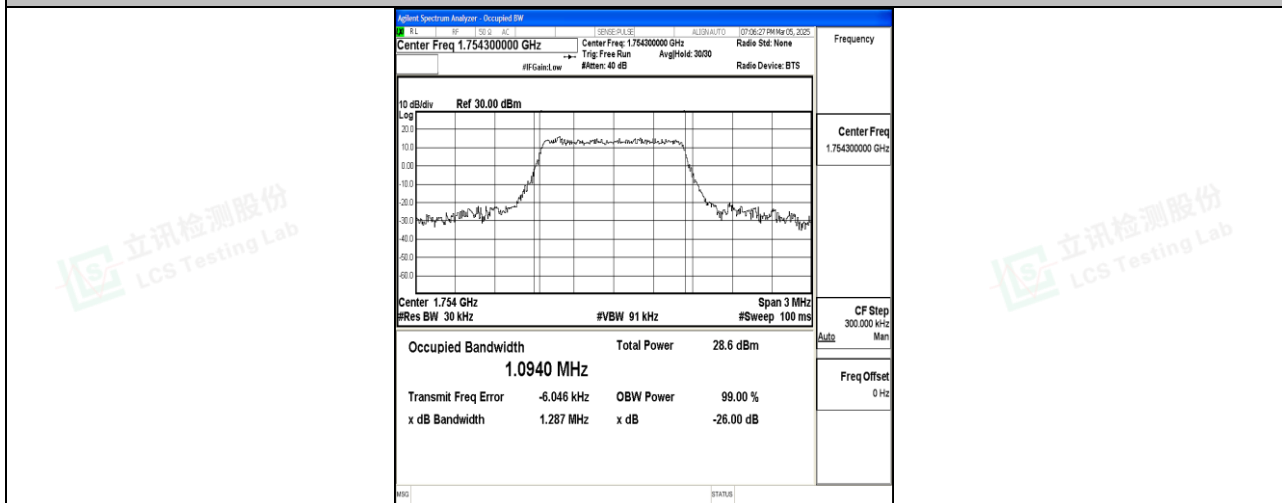
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Band4-1.4MHz-16QAM-20393-6RB#0-PASS

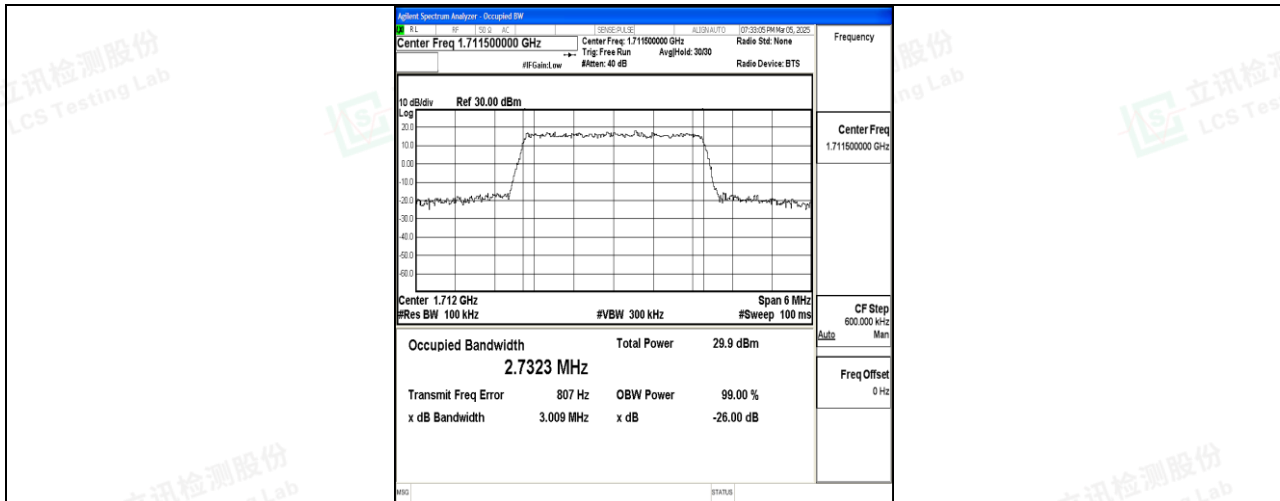


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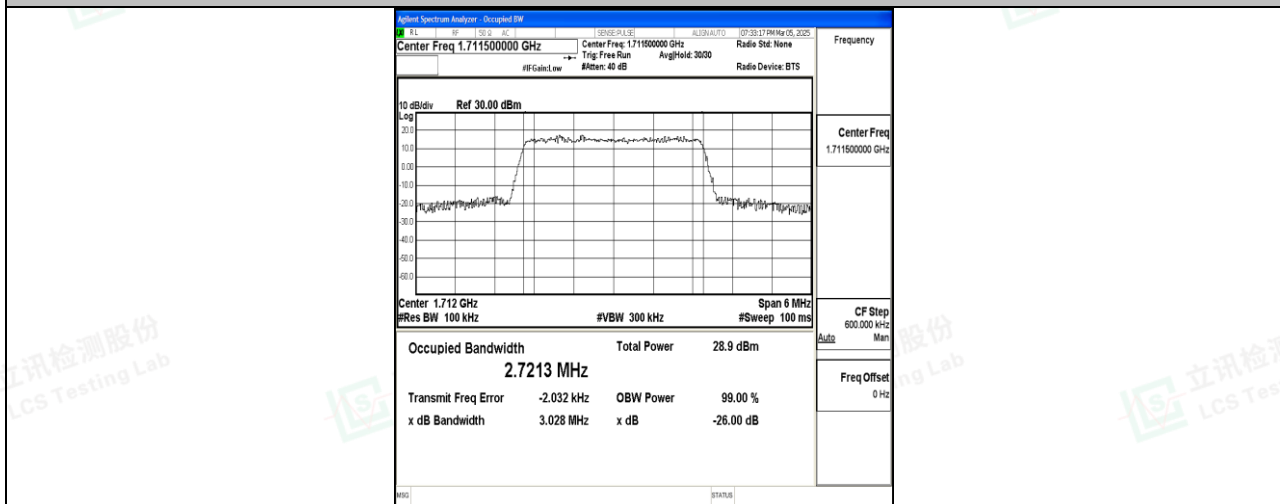
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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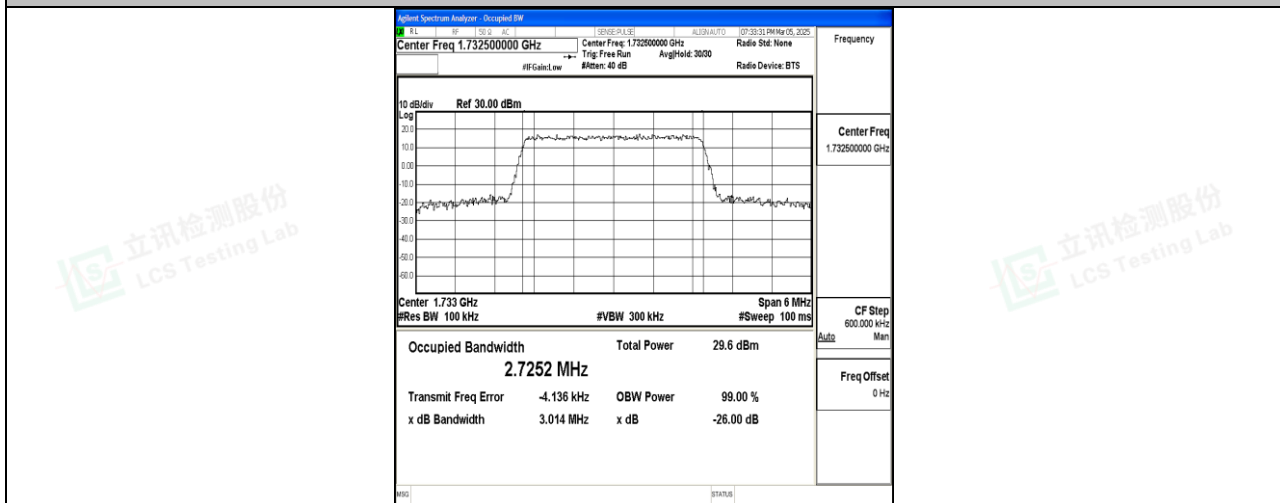
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Band4-3MHz-QPSK-19965-15RB#0-PASS



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



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



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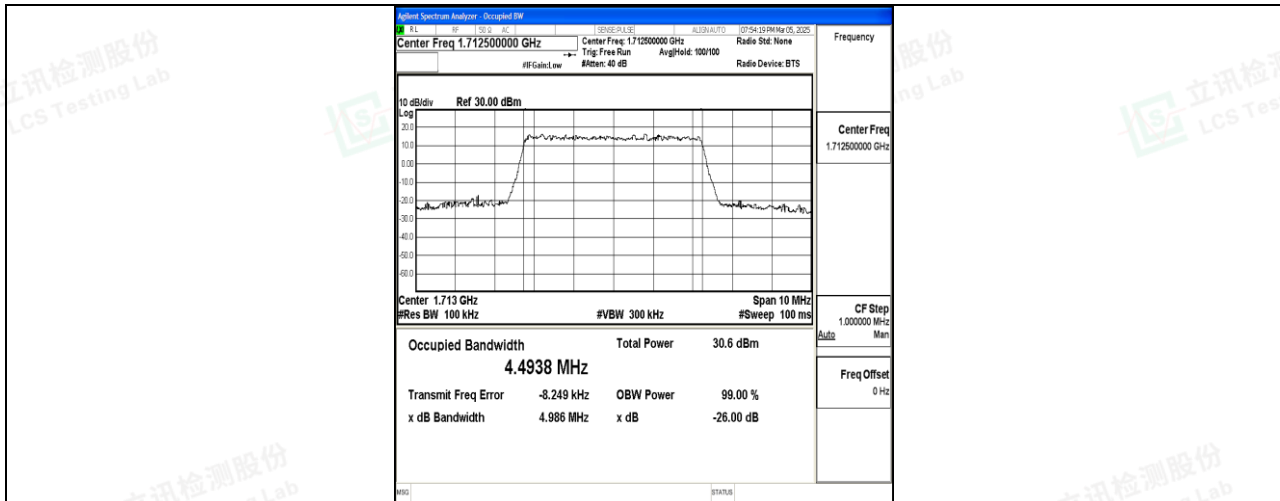


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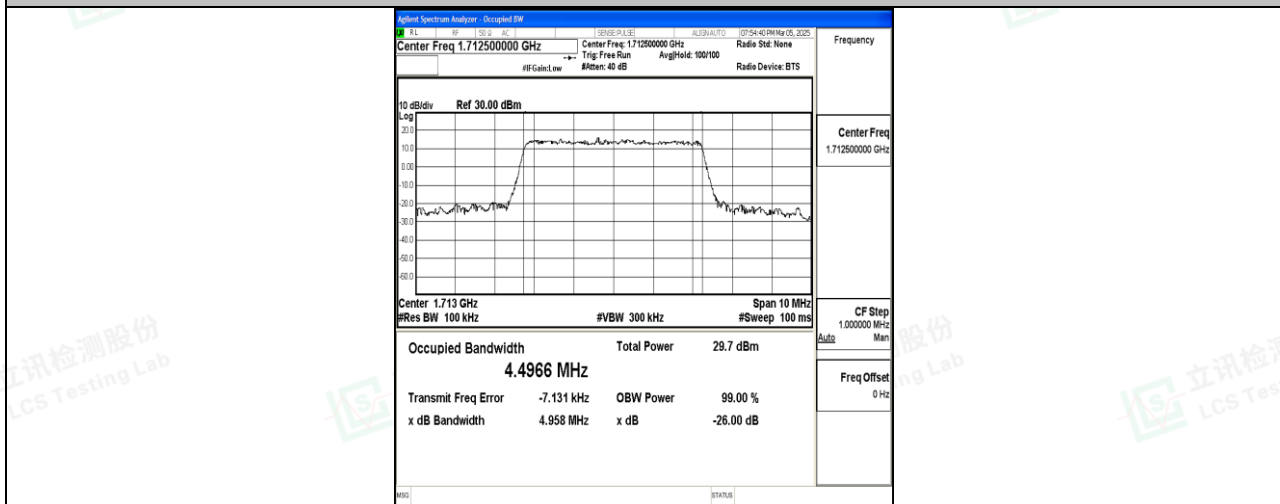
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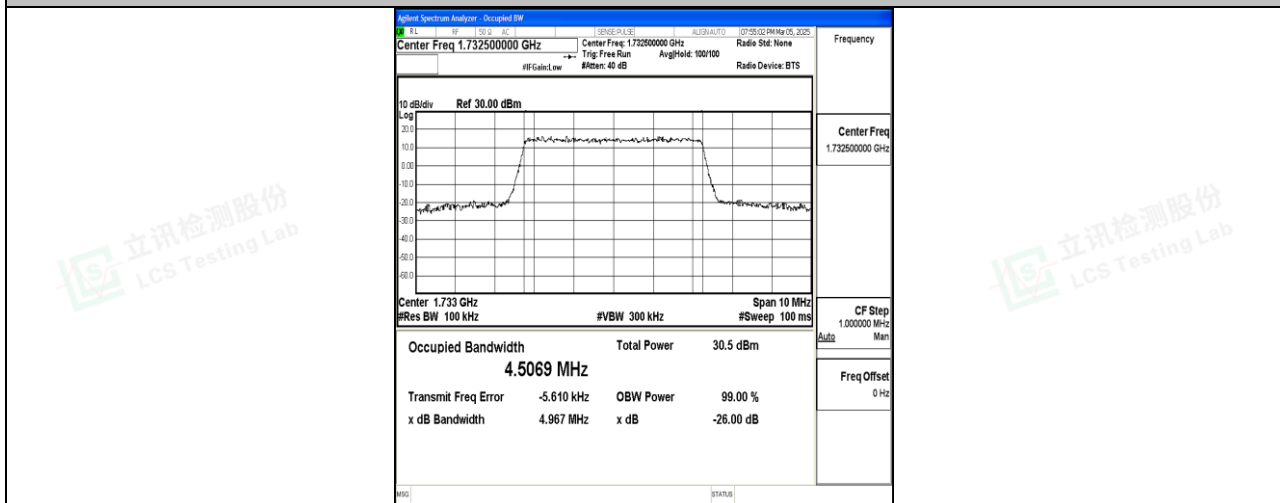
Scan code to check authenticity



Band4-5MHz-QPSK-19975-25RB#0-PASS



Band4-5MHz-16QAM-19975-25RB#0-PASS



Band4-5MHz-QPSK-20175-25RB#0-PASS

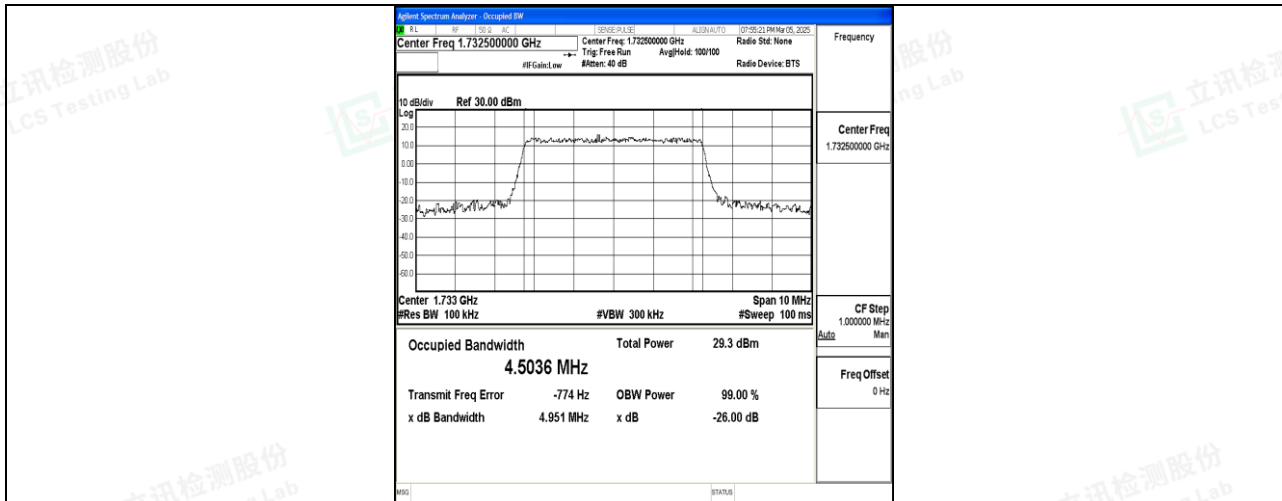


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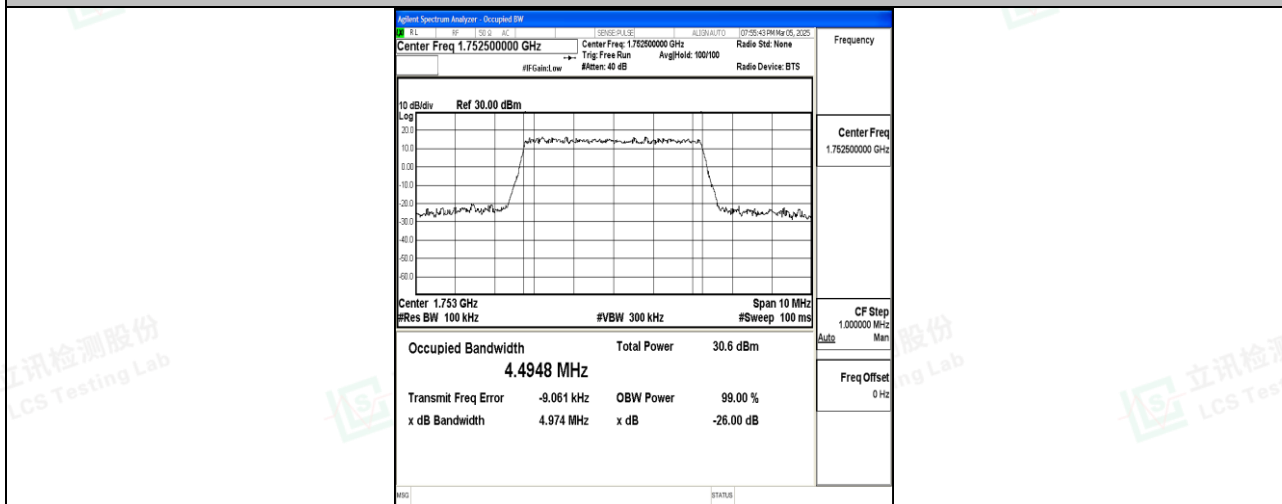
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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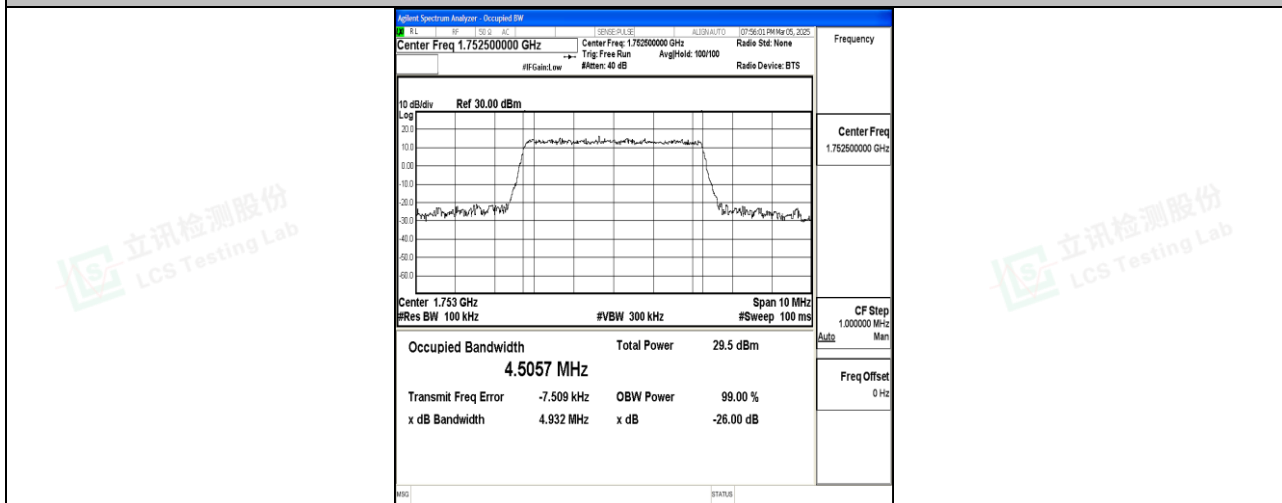
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Band4-5MHz-QPSK-20375-25RB#0-PASS



Band4-5MHz-16QAM-20375-25RB#0-PASS

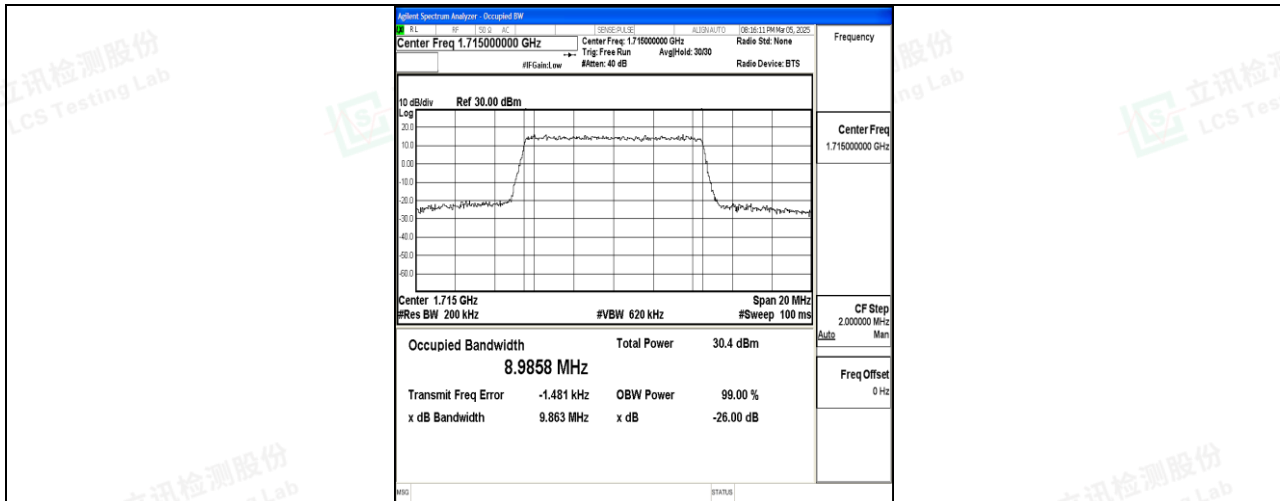


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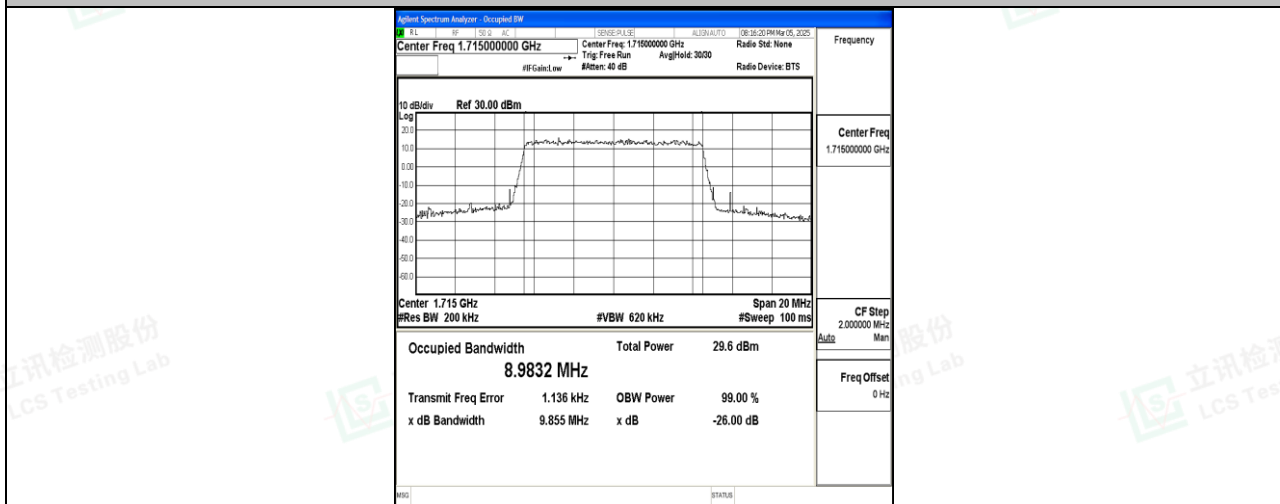
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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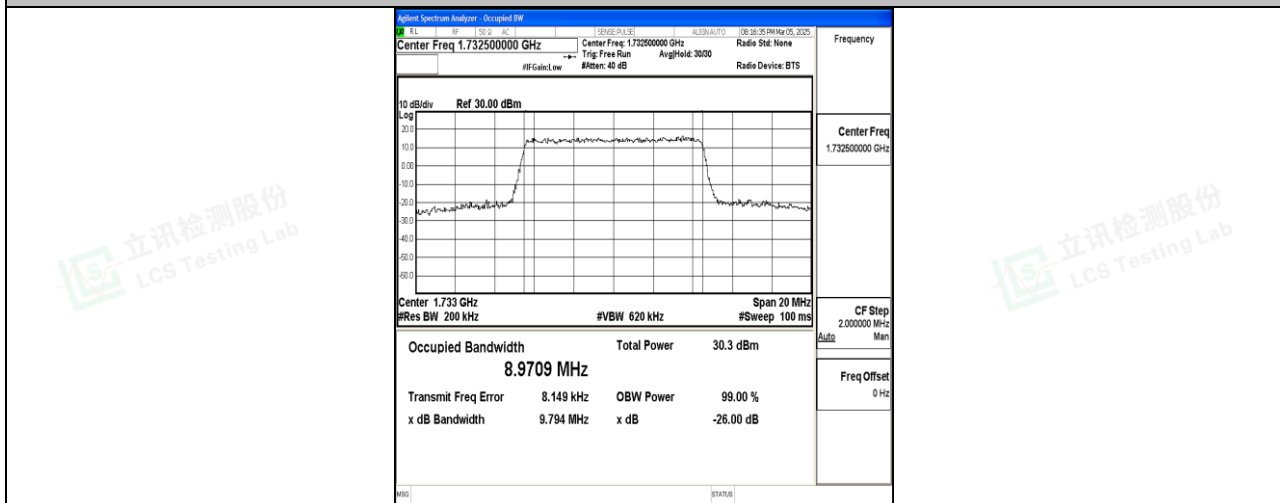
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Band4-10MHz-16QAM-20000-50RB#0-PASS



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



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