



Appendix C Test Data for E-UTRA Band 4

Product Name: Global 4G Wifi Router

Test Model: TD20

Environmental Conditions

Temperature:	24.6° C
Relative Humidity:	53.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Andre Tan
Supervised by:	Nick Peng



Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



C.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.67	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.20	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.71	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.31	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.63	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.21	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.80	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.54	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.77	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.51	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.69	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.52	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.66	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.11	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.71	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.62	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.73	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.74	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.76	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.61	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.78	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.92	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.83	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.93	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.77	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.85	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.81	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.07	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.73	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.91	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.72	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.75	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.77	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.83	PASS





Band4	1.4MHz	QPSK	20393	3RB#0	22.91	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.52	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.89	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.49	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.91	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.49	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.82	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.01	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.74	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.46	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.72	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.56	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.69	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.40	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.77	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.02	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.65	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.02	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.75	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.89	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.74	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.86	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.76	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.11	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.78	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.15	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.77	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.13	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.77	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.03	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.79	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.04	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.73	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.11	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.83	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.80	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.71	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.92	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.77	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.87	PASS



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Band4	3MHz	QPSK	20385	1RB#14	22.74	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.89	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.82	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.09	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.86	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.07	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.78	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.03	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.77	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.91	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.71	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.12	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.64	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.17	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.62	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.16	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.80	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.86	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.79	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.90	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.72	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.81	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.76	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.82	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.62	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.83	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.61	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.82	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.66	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.80	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.75	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.97	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.75	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.95	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.81	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.88	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.88	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.76	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.35	PASS



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Band4	5MHz	QPSK	20375	1RB#12	22.78	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.36	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.88	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.34	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.75	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.79	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.74	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.90	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.84	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.82	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.80	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.85	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.62	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.74	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.59	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.62	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.60	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.72	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.65	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.80	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.64	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.80	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.63	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.71	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.90	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.78	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.81	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.70	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.80	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.76	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.85	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.73	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.90	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.99	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.76	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.88	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.96	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.82	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.96	PASS



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Band4	10MHz	QPSK	20350	1RB#0	22.75	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.47	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.76	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.60	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.80	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.54	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.86	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.89	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.87	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.89	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.82	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.93	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.91	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.01	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.68	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.44	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.67	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.50	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.66	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.56	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.68	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.74	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.81	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.77	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.72	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.74	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.87	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.71	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.31	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.52	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.34	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.60	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.36	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.53	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.72	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.73	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	21.74	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.73	PASS



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Band4	15MHz	QPSK	20175	75RB#0	21.73	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.90	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.67	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.41	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.81	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.50	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.77	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.50	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.86	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.86	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.85	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.85	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.85	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.84	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.84	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.96	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.73	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.33	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.63	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.39	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.64	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.39	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.65	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.89	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.77	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.89	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.78	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.93	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.71	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.77	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.68	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.13	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.74	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.16	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.70	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.06	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.72	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.97	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.83	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.98	PASS



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Band4	20MHz	QPSK	20175	50RB#50	21.80	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.89	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.87	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.98	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.82	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.17	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.90	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.29	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.85	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.59	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.73	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.83	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.69	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.84	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.93	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.01	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.91	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.75	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	4.11	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.21	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.18	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.86	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.68	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	4.50	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.75	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.53	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	4.00	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	4.61	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.14	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.94	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.20	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.29	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.20	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.95	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.24	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.45	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.35	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.64	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.71	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.84	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.60	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.89	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.87	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.18	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.94	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.03	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	3.71	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.93	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.11	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.79	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.75	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.05	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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Band4	5MHz	QPSK	20375	25RB#0	5.35	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.01	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	4.17	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.09	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.30	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.02	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	3.59	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	4.45	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.13	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.83	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	3.13	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	4.36	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.26	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.02	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.15	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.05	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.46	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.03	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	3.58	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	4.44	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.27	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.86	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	3.38	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	4.34	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.48	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.02	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.96	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	5.09	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.18	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.92	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	3.40	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	4.53	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.06	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.80	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	3.32	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	4.18	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.31	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.93	13	PASS



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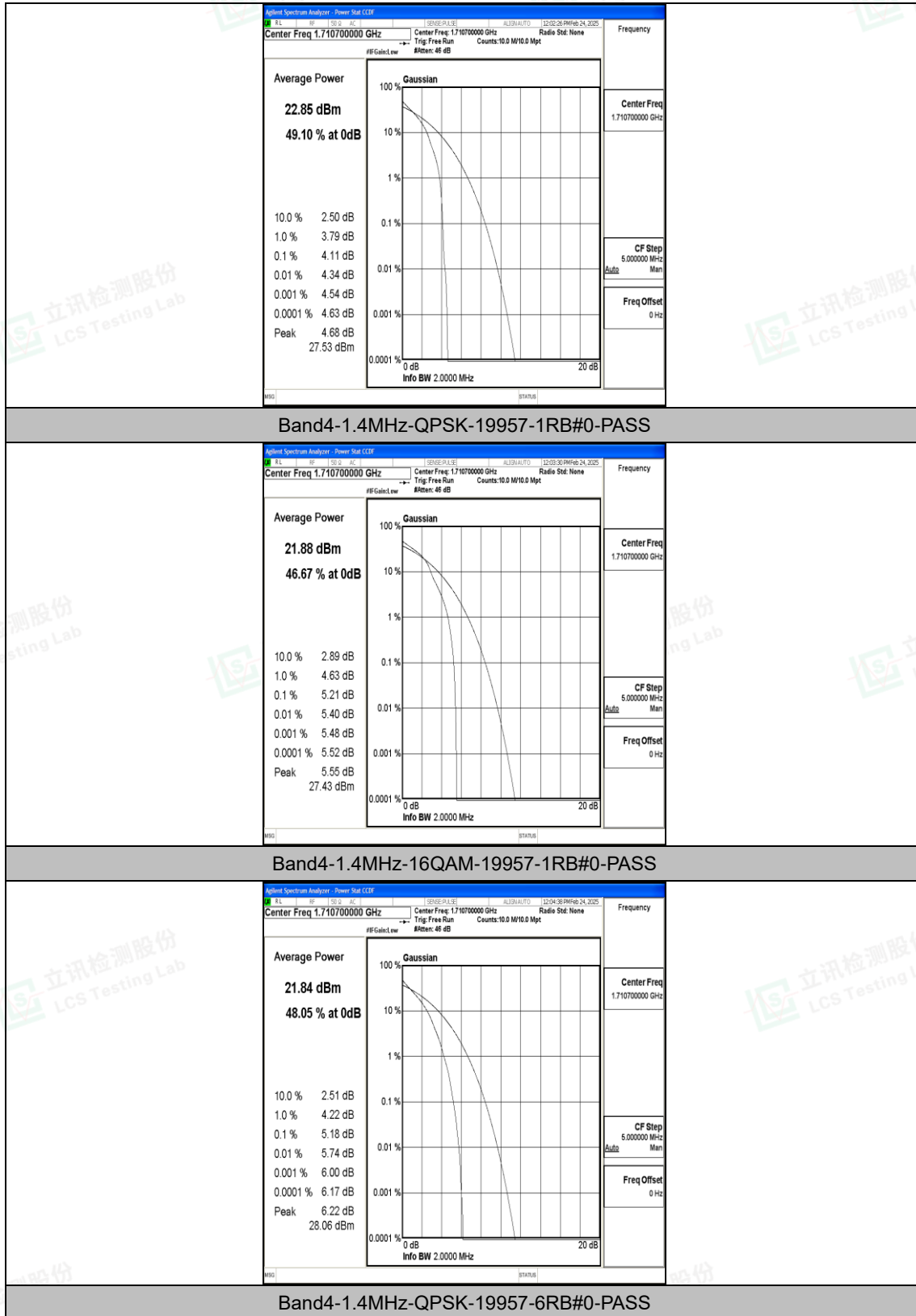
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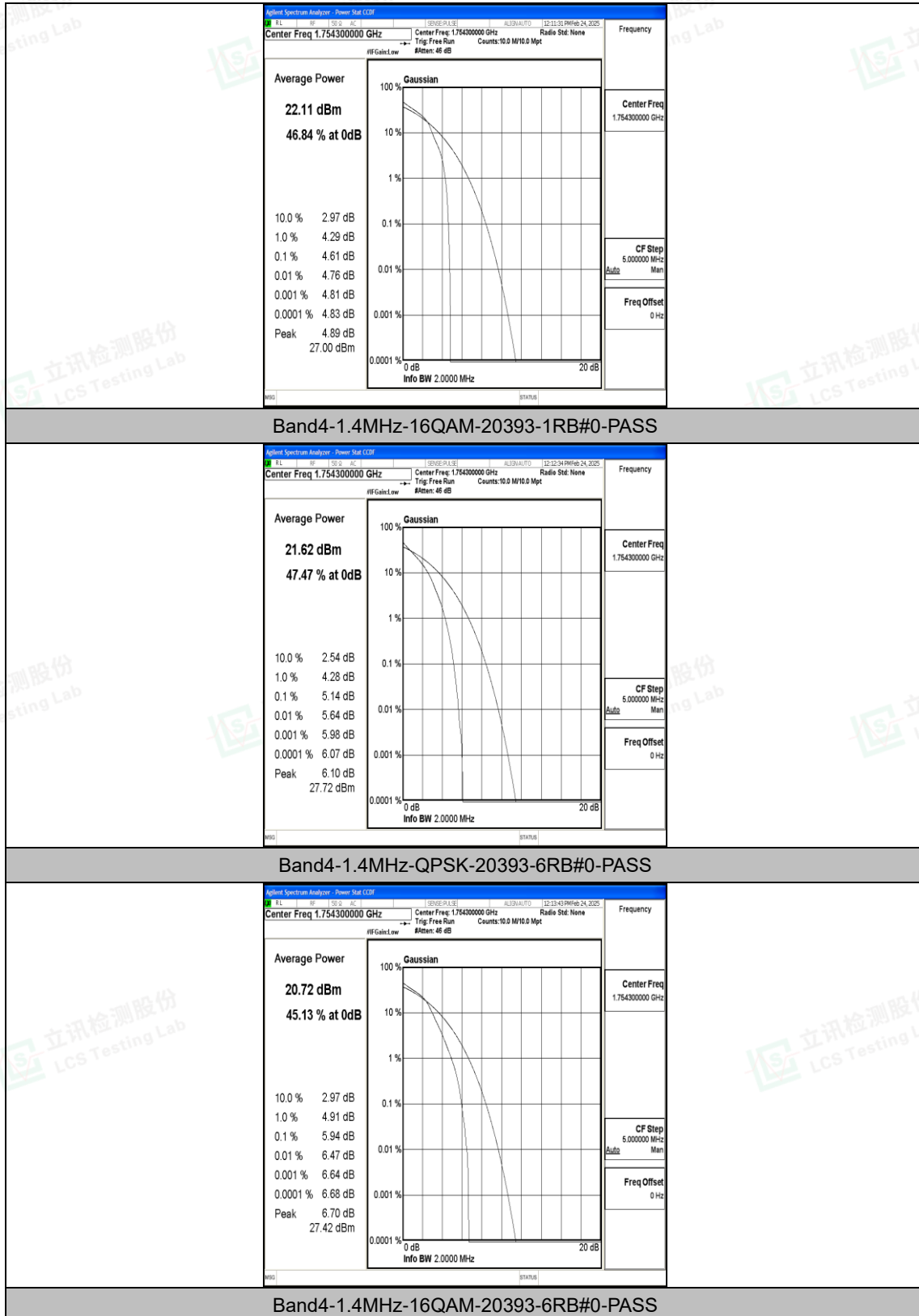


Test Graphs































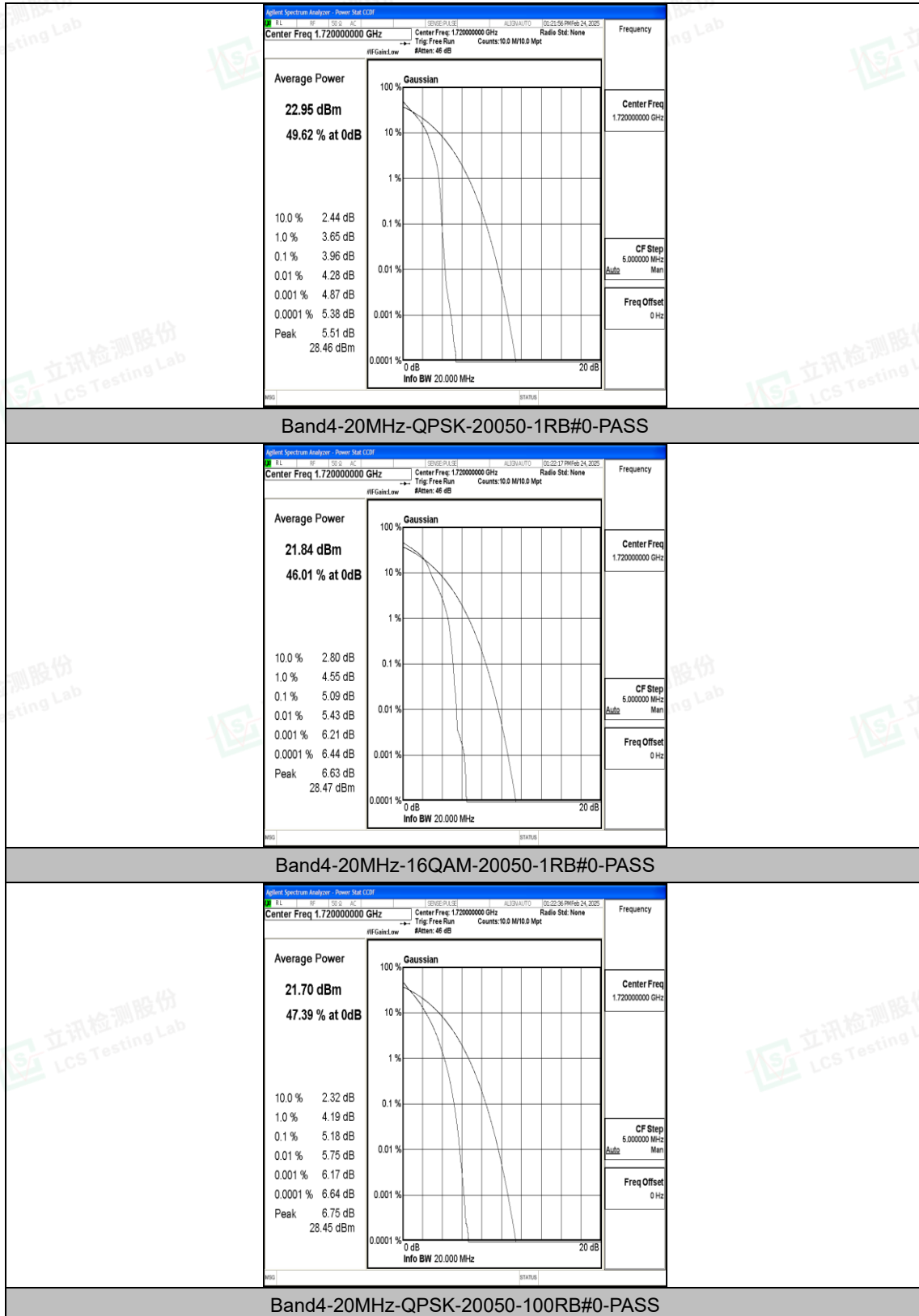




















C.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0994	1.243	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0901	1.240	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.1008	1.247	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0925	1.243	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0908	1.244	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1006	1.251	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7376	3.080	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7449	3.086	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7682	3.096	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7604	3.084	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7551	3.111	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7361	3.078	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5102	4.981	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5098	4.955	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5156	4.967	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5052	4.964	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5006	4.993	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9936	9.931	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0055	9.934	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0030	9.905	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0146	9.927	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0220	9.935	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.486	14.92	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.506	14.97	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.499	14.91	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.509	14.85	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.505	15.02	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.554	15.03	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.996	19.64	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.969	19.71	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.026	19.77	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.026	19.71	PASS



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Band4	20MHz	QPSK	20300	100RB#0	18.066	19.85	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.073	19.78	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4994	4.965	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9960	9.944	PASS



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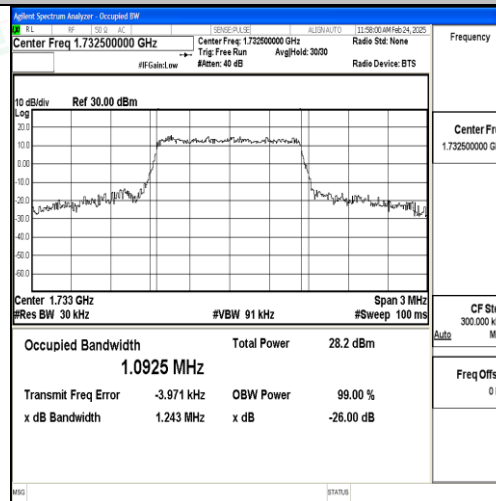


Test Graphs

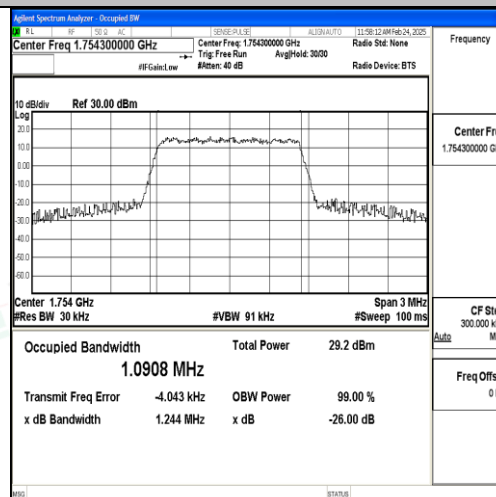




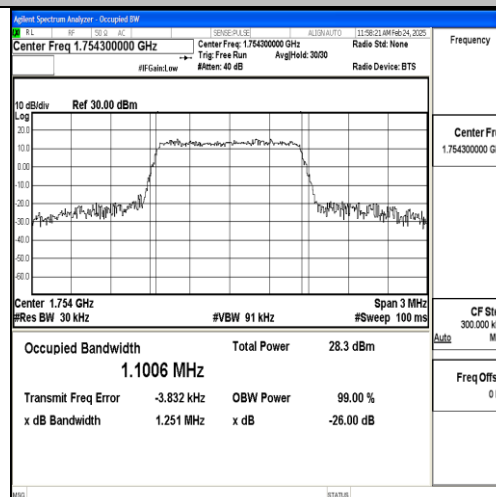
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Band4-1.4MHz-16QAM-20393-6RB#0-PASS

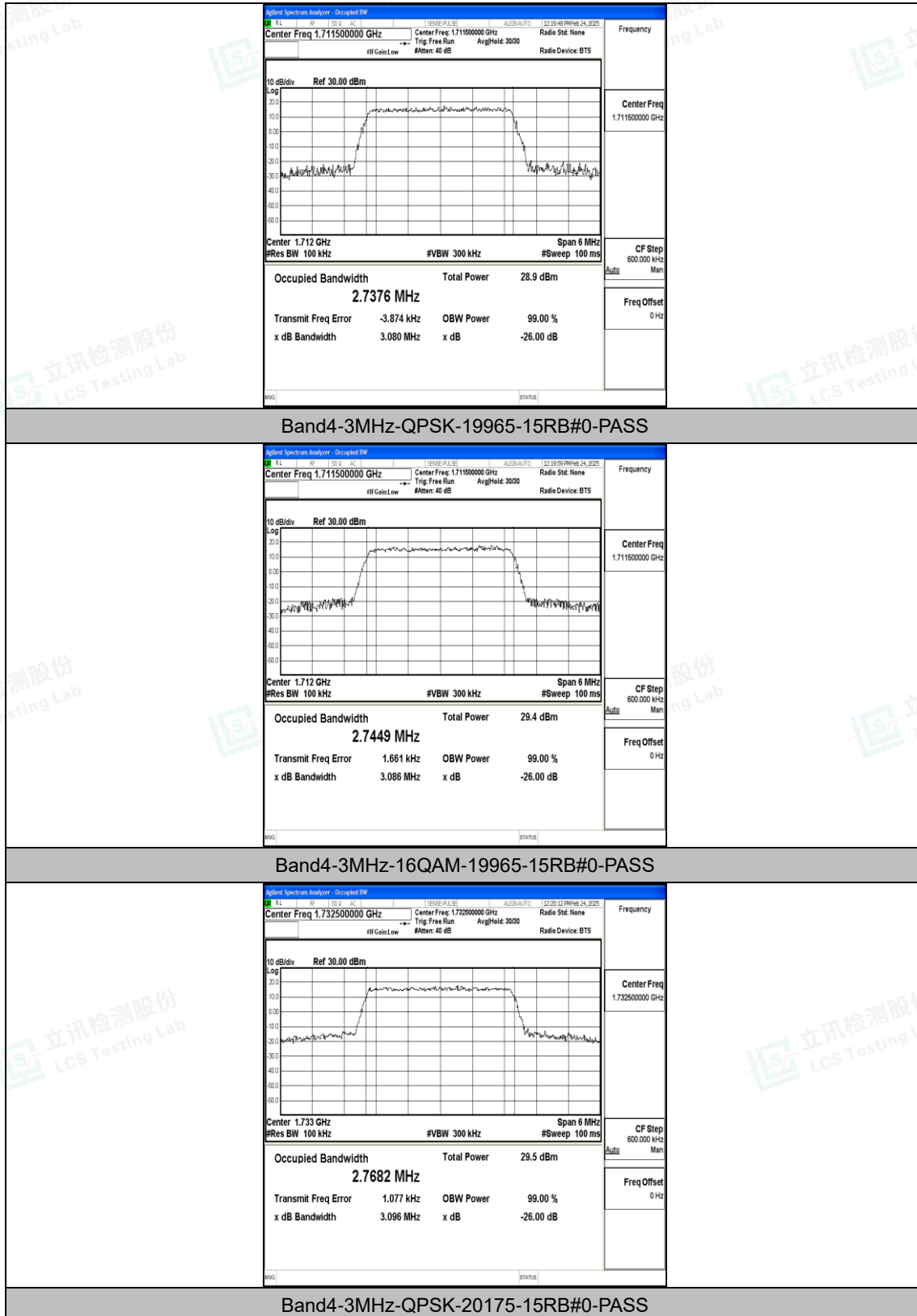


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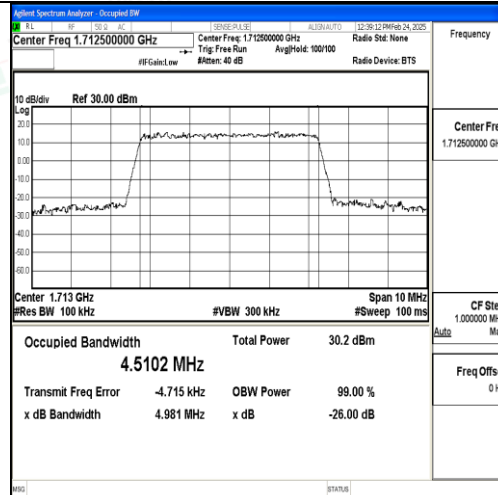
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

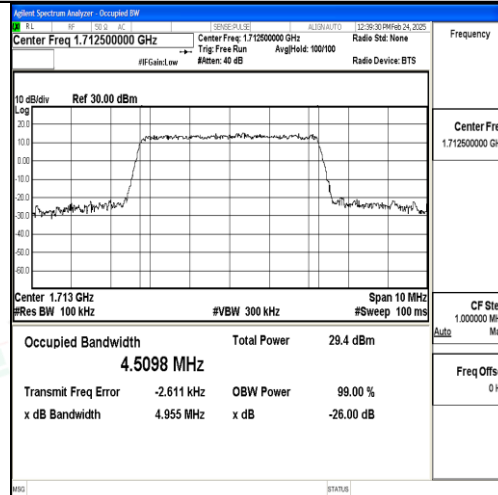
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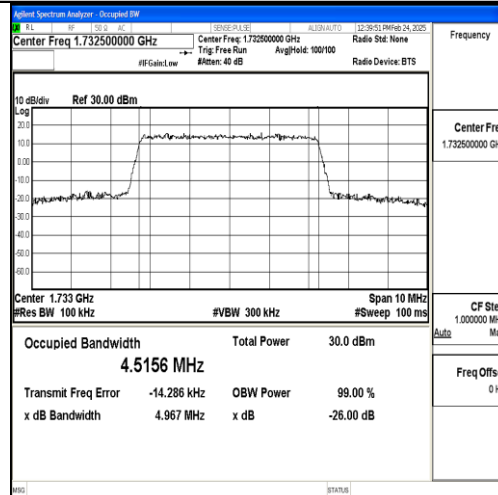




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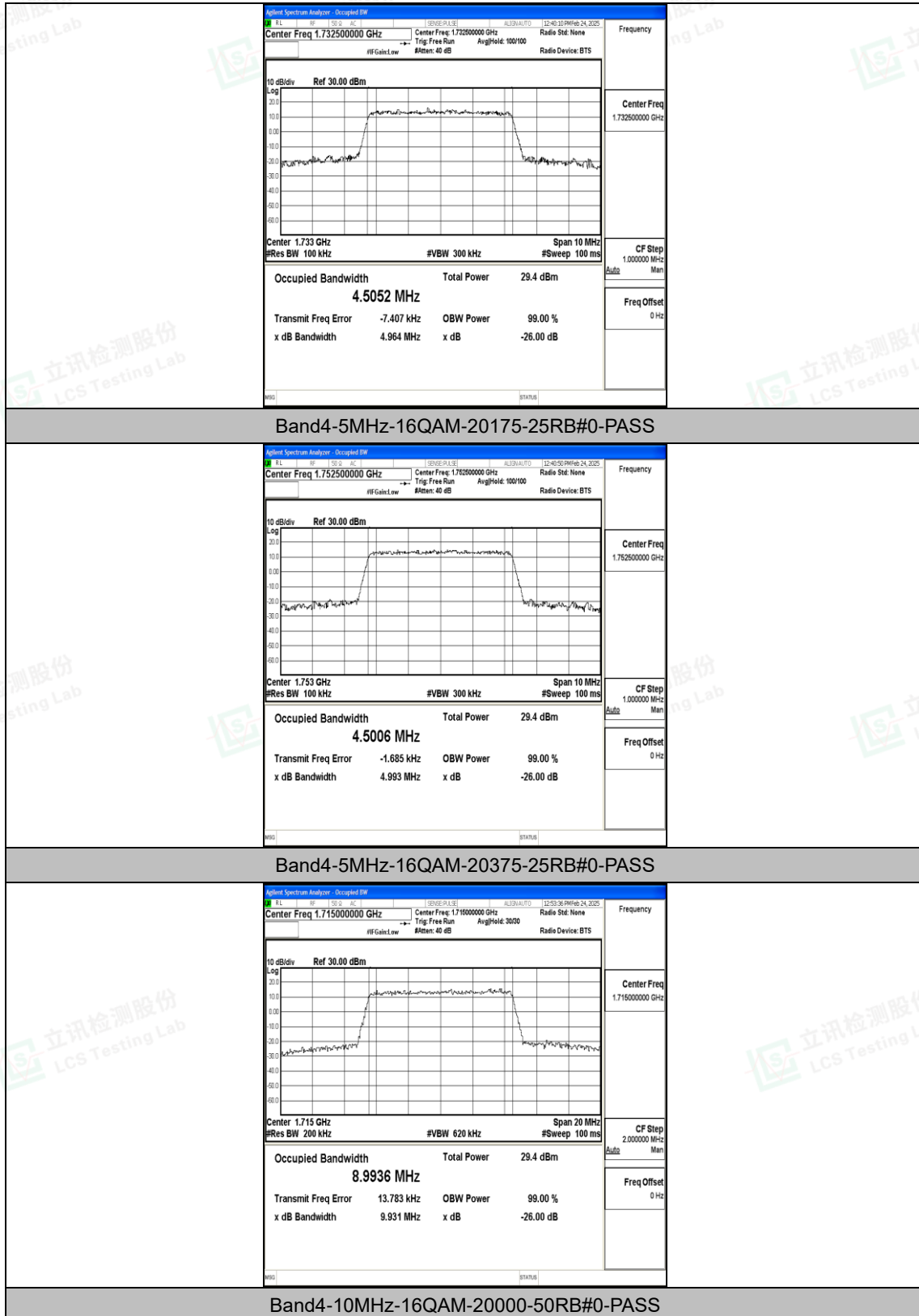


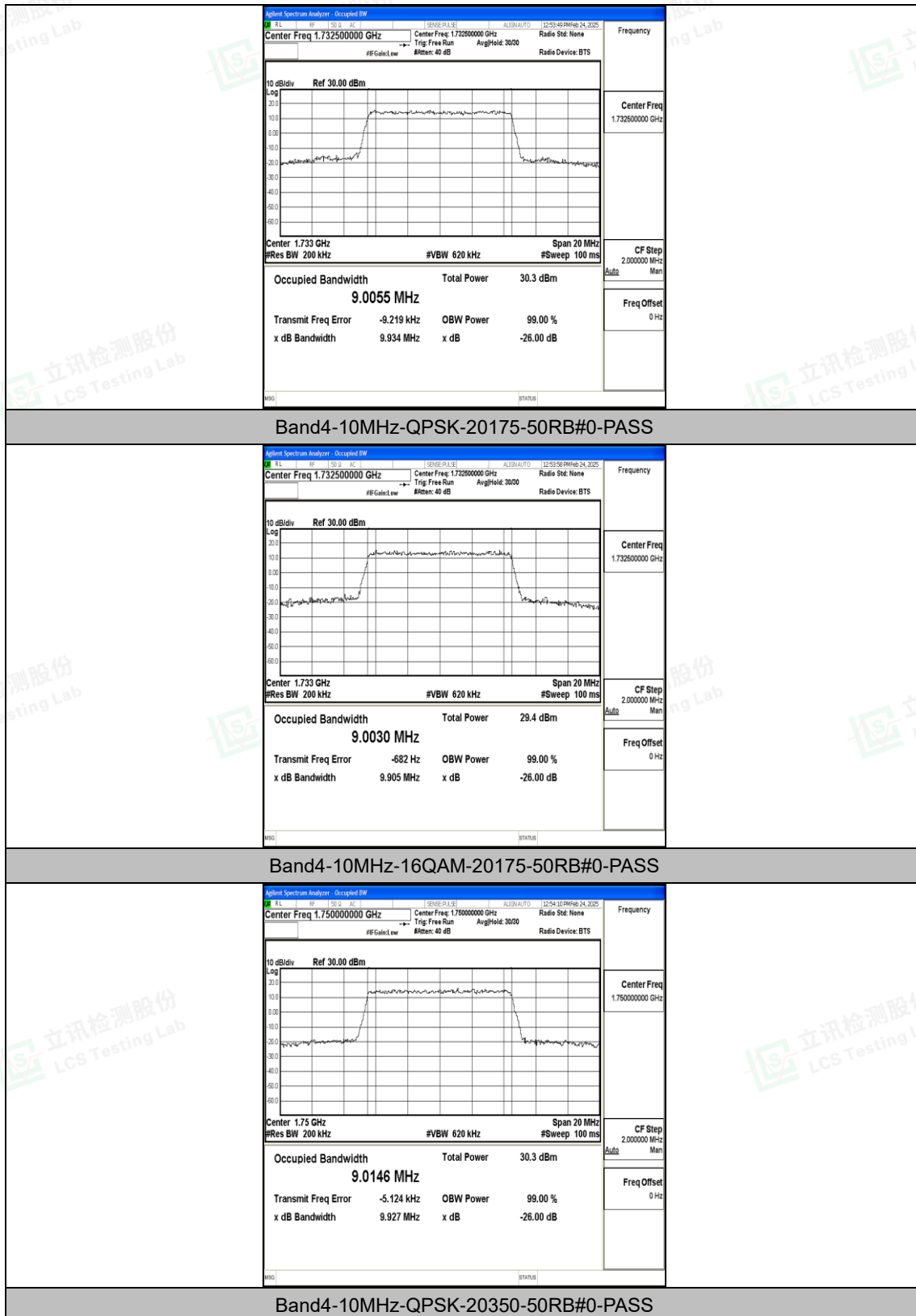
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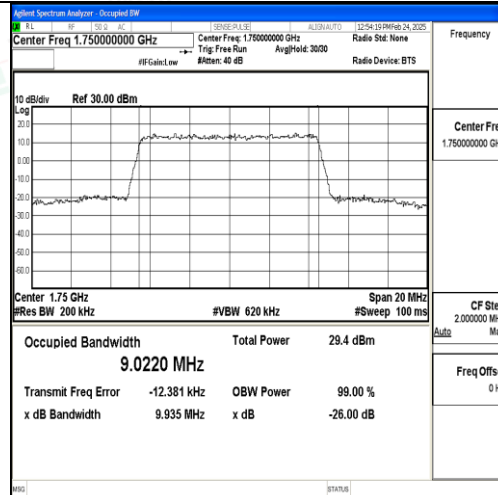


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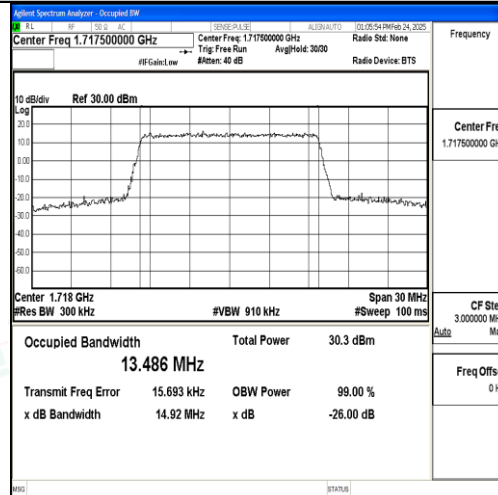




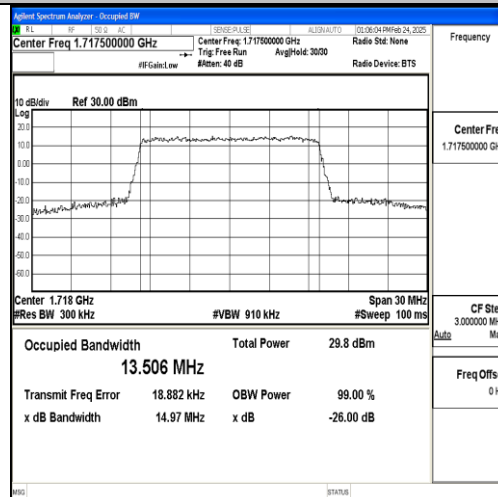




Band4-10MHz-16QAM-20350-50RB#0-PASS



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



Band4-15MHz-16QAM-20025-75RB#0-PASS



