



Appendix D: Test Data for E-UTRA Band 5

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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D.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.05	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.14	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.11	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.08	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.04	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.02	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.01	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.01	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.00	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.99	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.98	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.97	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.10	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	23.09	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.25	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.27	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.10	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.37	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.15	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.27	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.09	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.68	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.08	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.70	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.17	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.72	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.03	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.72	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	24.29	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.31	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	24.22	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.31	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	24.21	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.28	PASS



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Band5	1.4MHz	QPSK	20643	3RB#0	24.22	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.83	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	24.20	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.90	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	24.16	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.74	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.20	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.23	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.14	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.72	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.05	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.82	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.99	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.91	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.13	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.31	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.05	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.35	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.32	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.66	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.08	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.12	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.35	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.62	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.34	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.79	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.26	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.73	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.21	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.78	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.22	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.79	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.18	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.82	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.22	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.62	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.33	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.56	PASS
Band5	3MHz	QPSK	20635	1RB#8	24.28	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.47	PASS



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Band5	3MHz	QPSK	20635	1RB#14	24.22	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.46	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.32	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.21	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.37	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.23	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.23	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.24	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.30	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.27	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.23	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.61	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.21	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.73	PASS
Band5	5MHz	QPSK	20425	1RB#24	24.19	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.63	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.26	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.25	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.26	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.19	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.27	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.61	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.29	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.65	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.31	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.25	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.27	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.32	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.21	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.74	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.37	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.81	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.34	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.82	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.15	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.90	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.38	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.74	PASS
Band5	5MHz	QPSK	20625	1RB#0	24.26	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.99	PASS



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Band5	5MHz	QPSK	20625	1RB#12	24.31	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.03	PASS
Band5	5MHz	QPSK	20625	1RB#24	24.10	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.91	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.26	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.29	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.26	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.21	PASS
Band5	5MHz	QPSK	20625	12RB#13	23.38	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.22	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.38	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.32	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.20	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.04	PASS
Band5	10MHz	QPSK	20450	1RB#24	24.18	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.07	PASS
Band5	10MHz	QPSK	20450	1RB#49	24.15	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.18	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.24	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.69	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.24	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.69	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.30	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.23	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.23	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.27	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.27	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.20	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.22	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.04	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.32	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.03	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.19	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.78	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.21	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.79	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.78	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.89	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.09	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.82	PASS



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Band5	10MHz	QPSK	20600	1RB#0	24.25	PASS
Band5	10MHz	16QAM	20600	1RB#0	24.17	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.23	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.57	PASS
Band5	10MHz	QPSK	20600	1RB#49	24.20	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.73	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.33	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.73	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.22	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.75	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.43	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.39	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.29	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.68	PASS





D.2 Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.26	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.20	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.10	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.84	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.43	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.46	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.20	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.83	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.97	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	4.74	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.90	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.70	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.25	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.43	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	4.99	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.74	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.13	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.43	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.22	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.86	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	3.37	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.14	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.81	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.65	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.17	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.37	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.11	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.69	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	3.91	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	4.81	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.35	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.95	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	3.46	13	PASS



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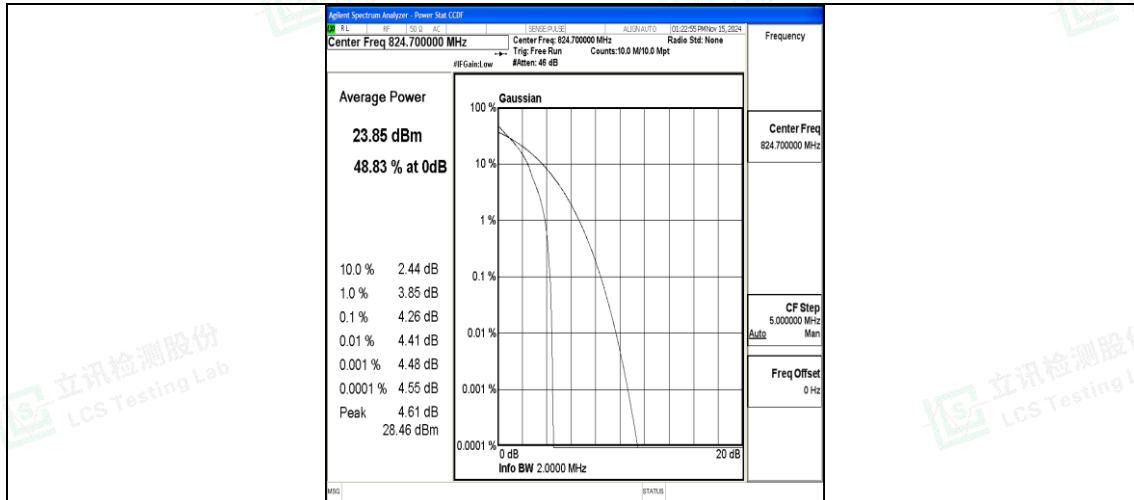
Band5	5MHz	16QAM	20625	1RB#0	4.45	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.13	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.86	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.15	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.21	13	PASS



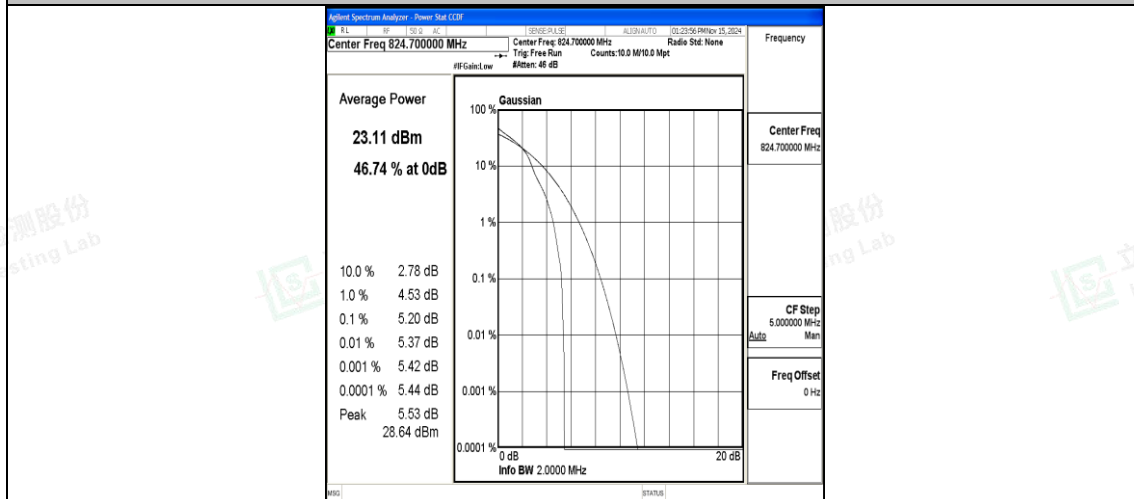
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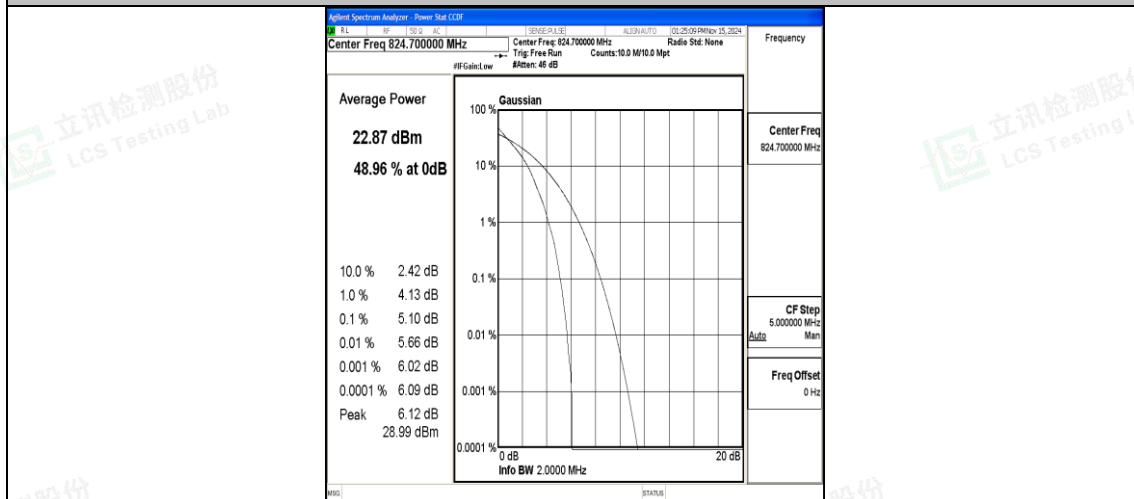
Test Graphs



Band5-1.4MHz-QPSK-20407-1RB#0-PASS



Band5-1.4MHz-16QAM-20407-1RB#0-PASS



Band5-1.4MHz-QPSK-20407-6RB#0-PASS

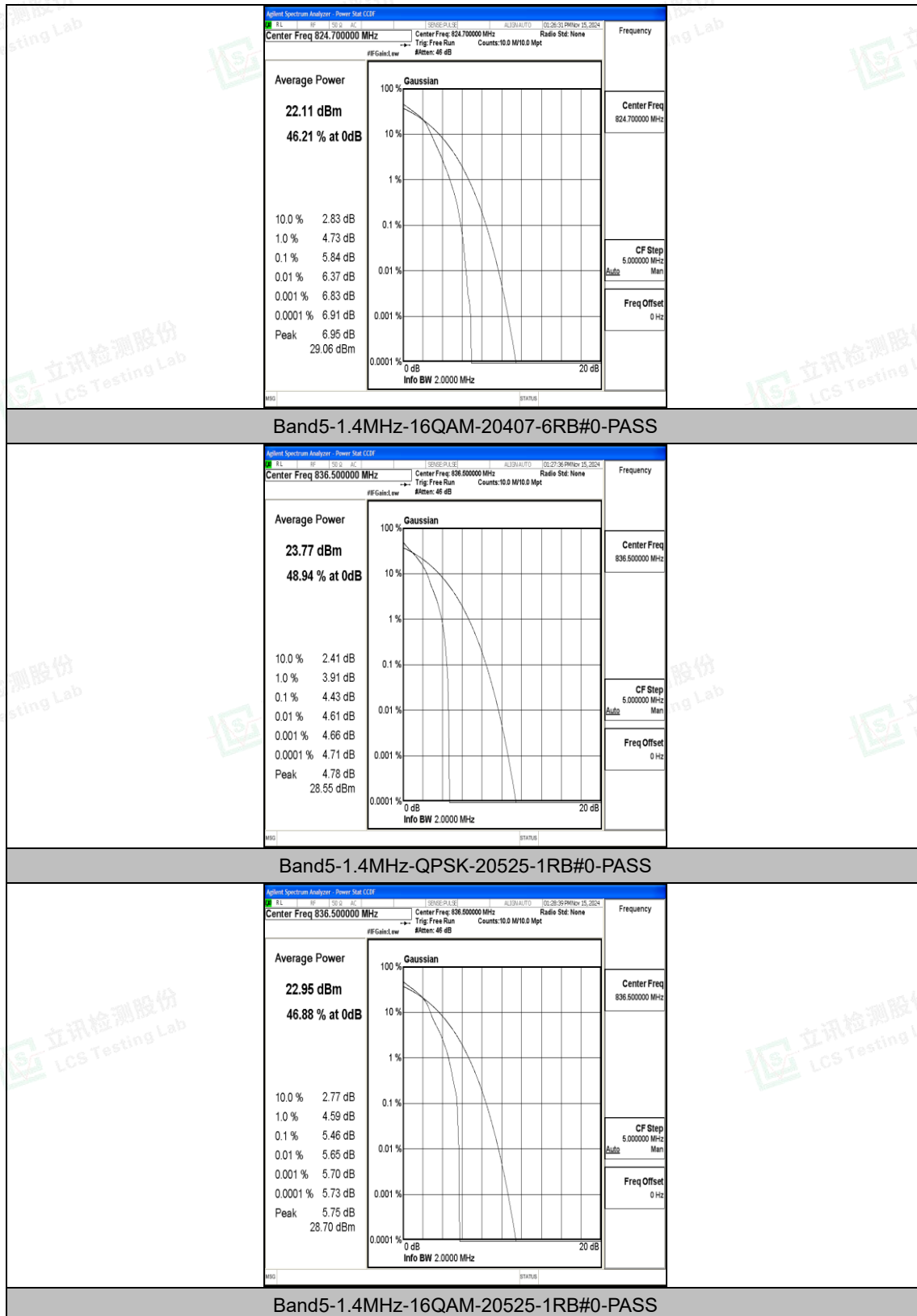


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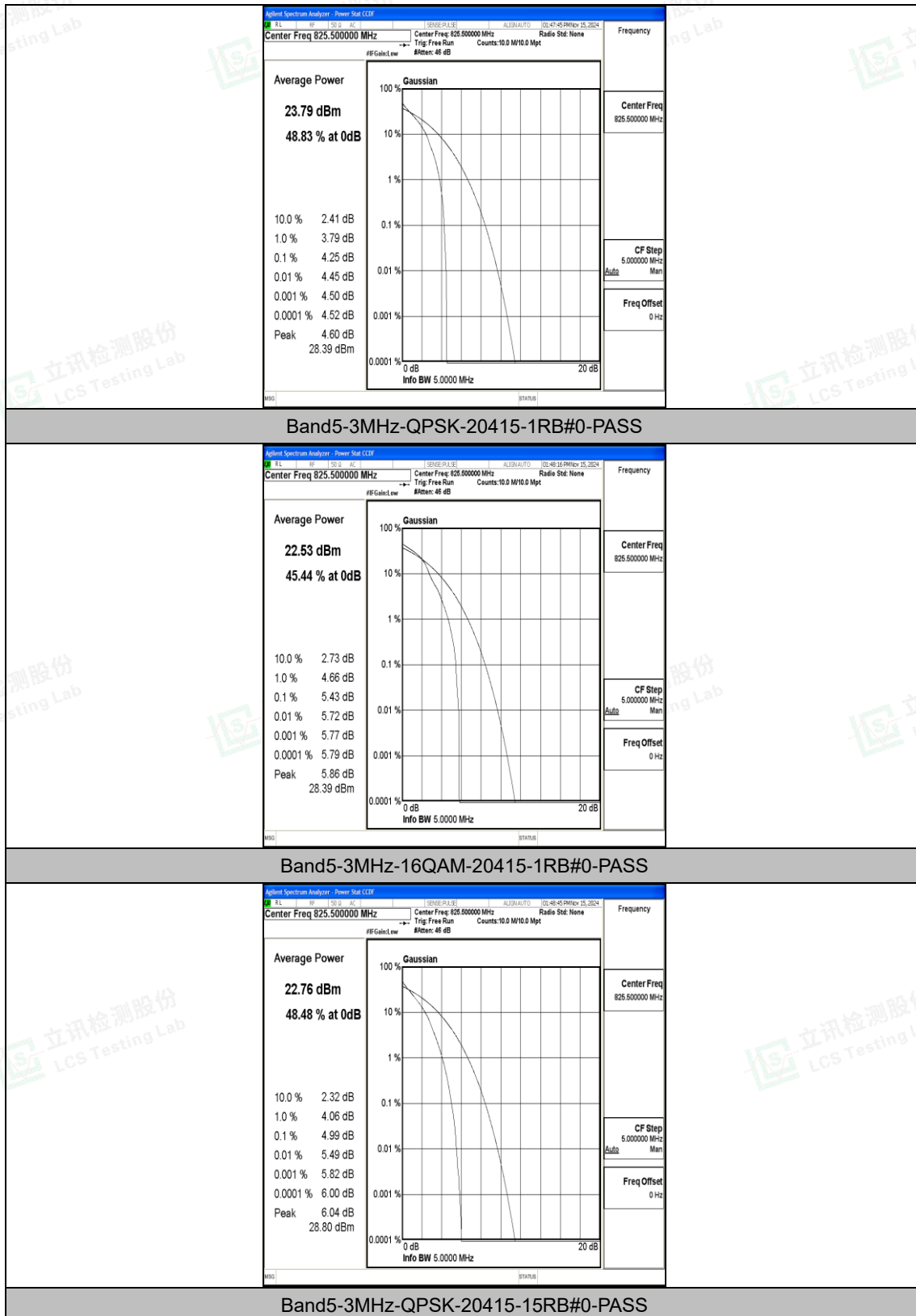


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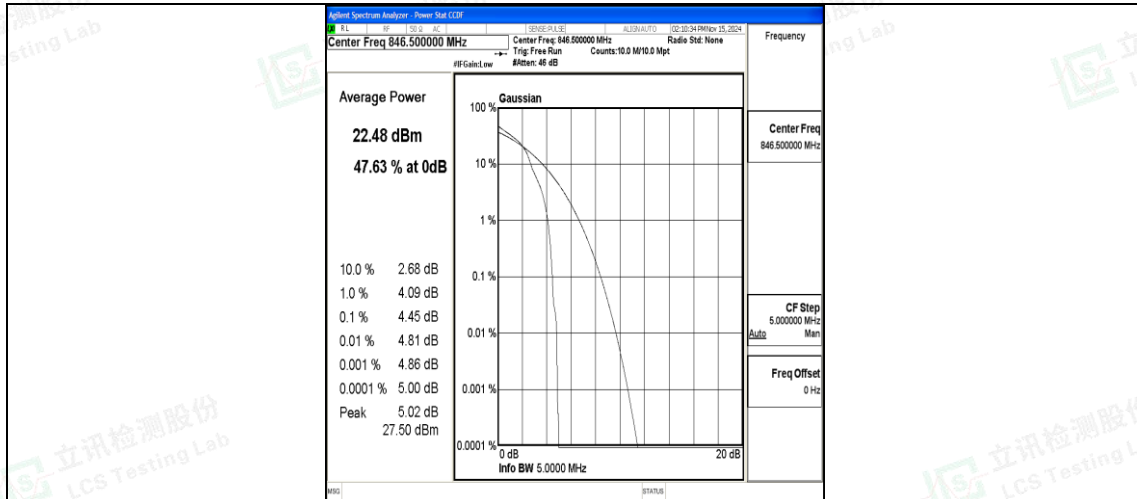
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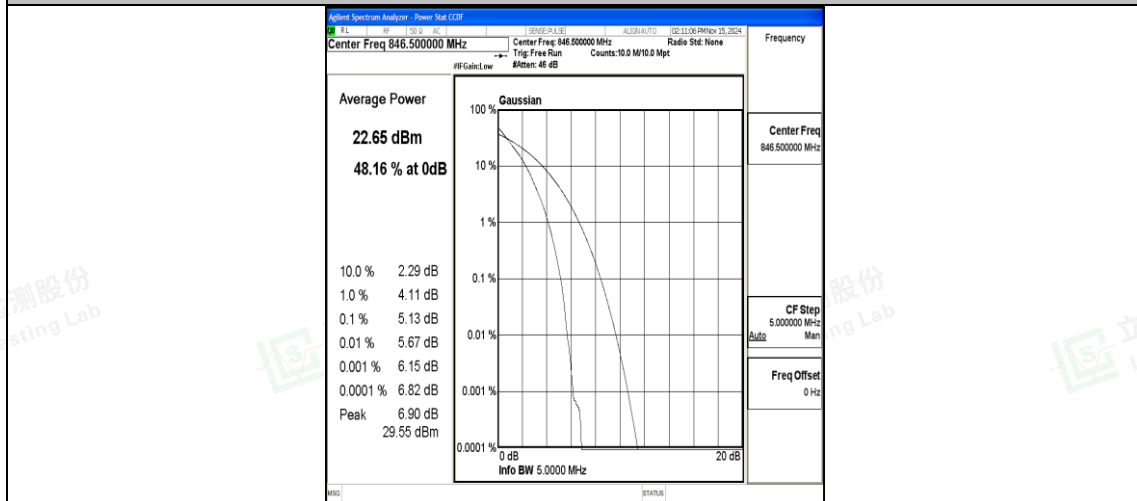
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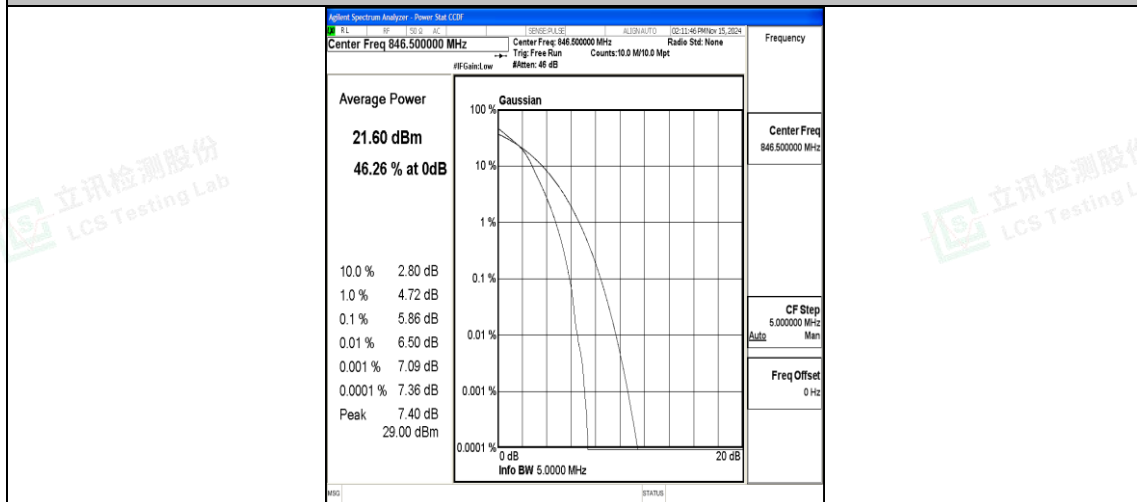




Band5-5MHz-16QAM-20625-1RB#0-PASS



Band5-5MHz-QPSK-20625-25RB#0-PASS



Band5-5MHz-16QAM-20625-25RB#0-PASS



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D.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0966	1.250	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0964	1.229	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0927	1.242	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1019	1.253	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0921	1.240	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1033	1.249	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7083	3.025	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6974	3.035	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7059	3.005	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7050	3.049	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7111	3.041	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7056	3.029	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5002	4.985	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5000	4.986	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4989	4.990	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5096	4.997	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5150	4.994	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5400	4.976	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9811	9.953	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9996	9.927	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0179	9.948	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0125	9.971	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9511	9.864	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9703	9.848	PASS



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Test Graphs



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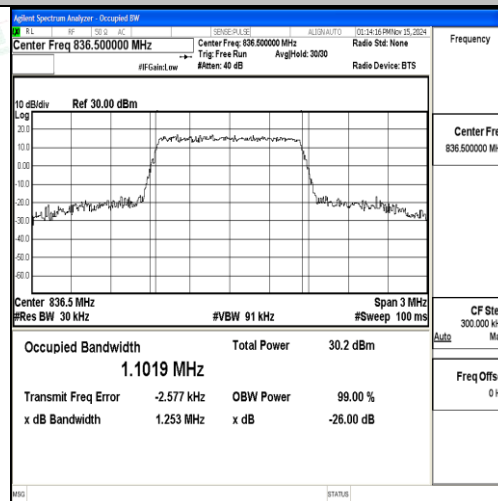
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

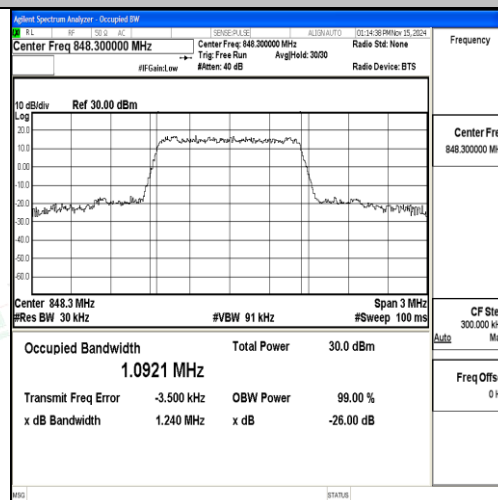
Scan code to check authenticity



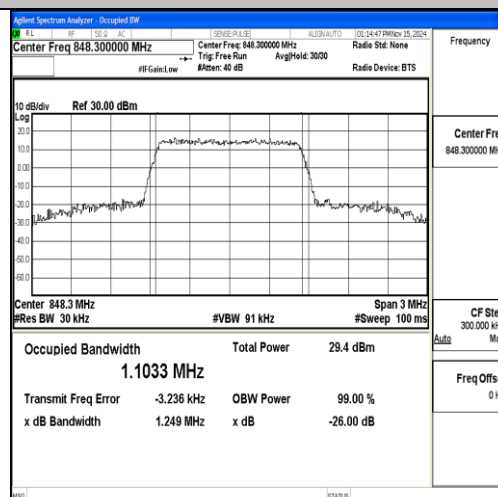
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



Band5-1.4MHz-16QAM-20525-6RB#0-PASS



Band5-1.4MHz-QPSK-20643-6RB#0-PASS



Band5-1.4MHz-16QAM-20643-6RB#0-PASS



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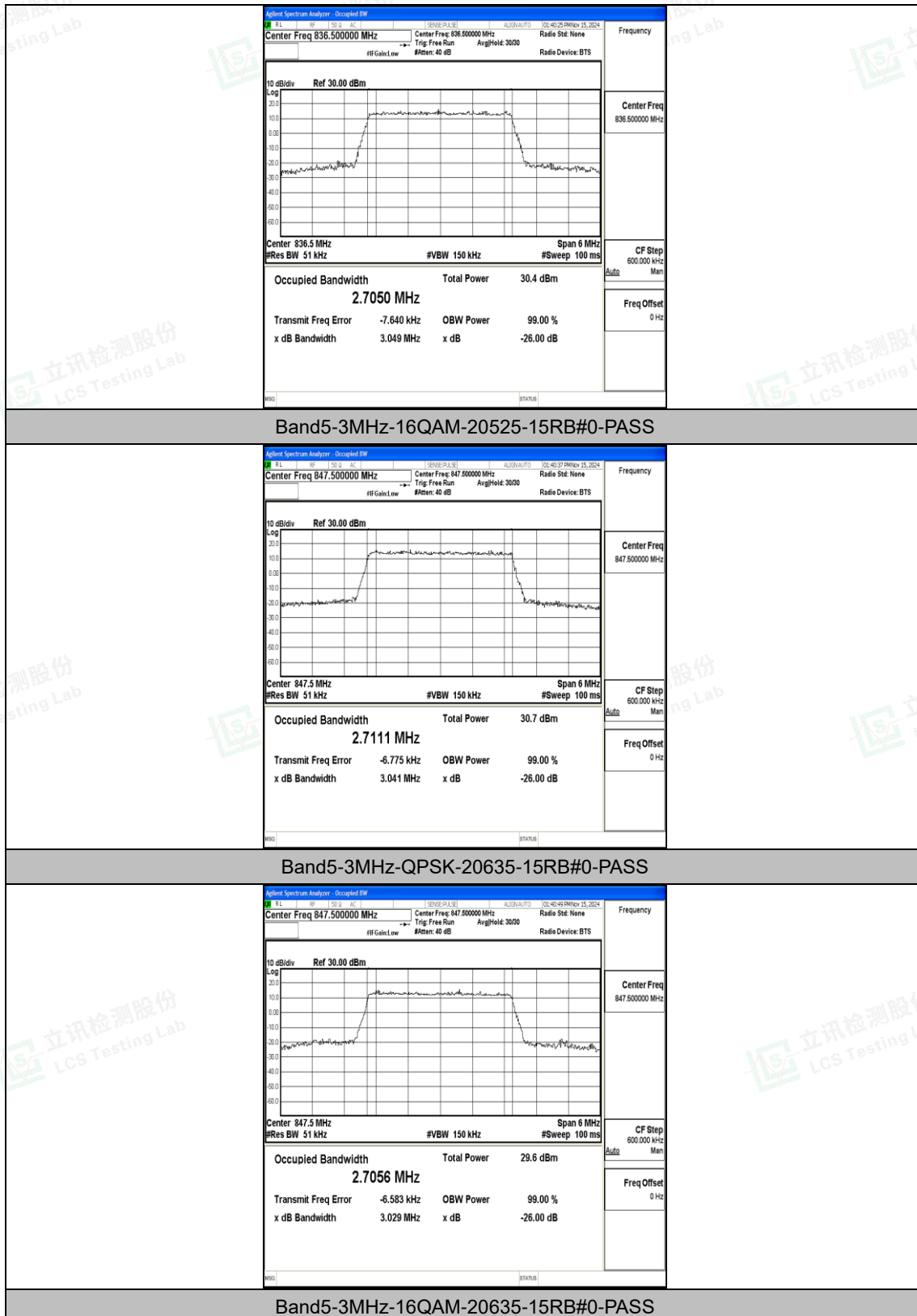


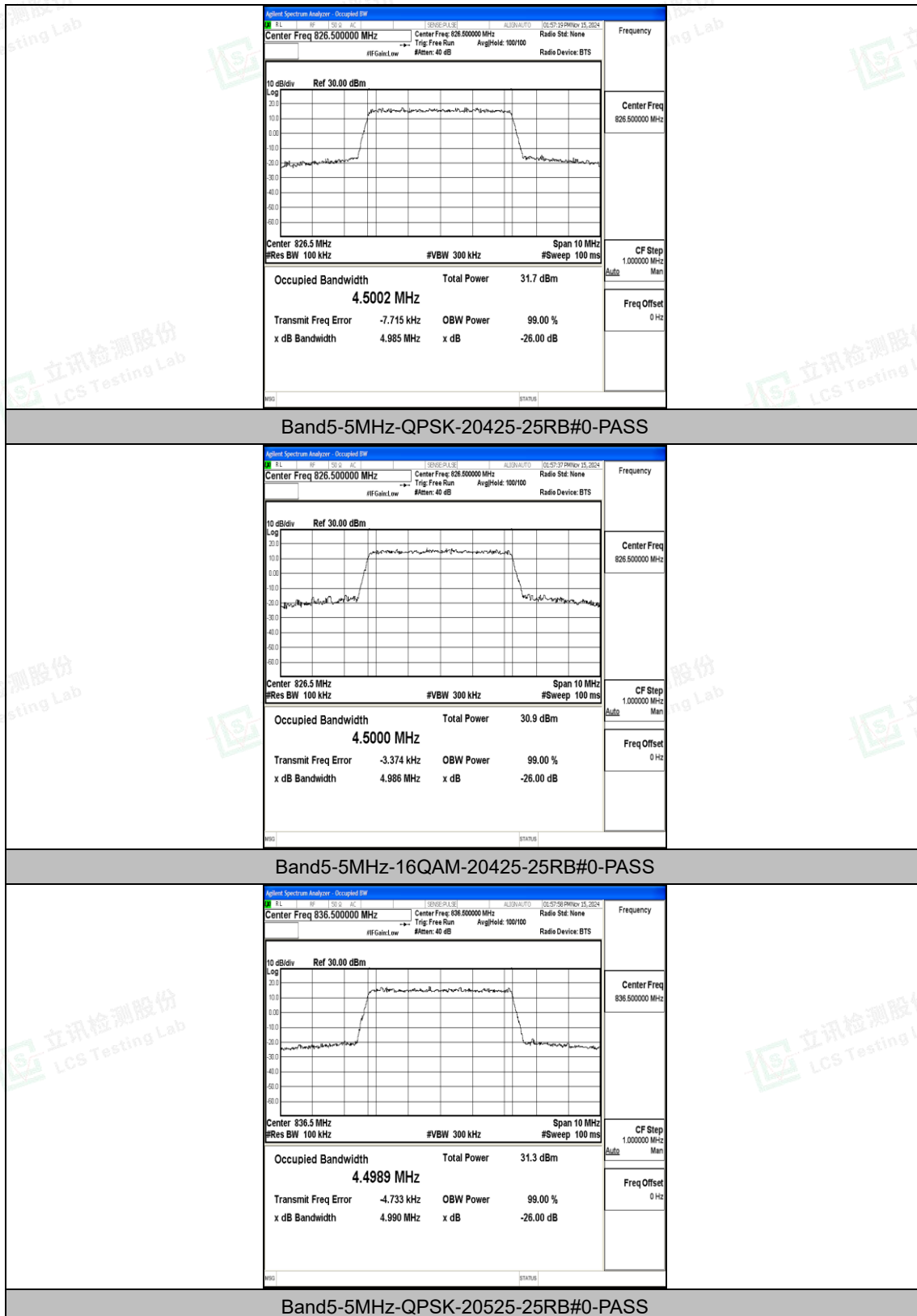
Shenzhen LCS Compliance Testing Laboratory Ltd.

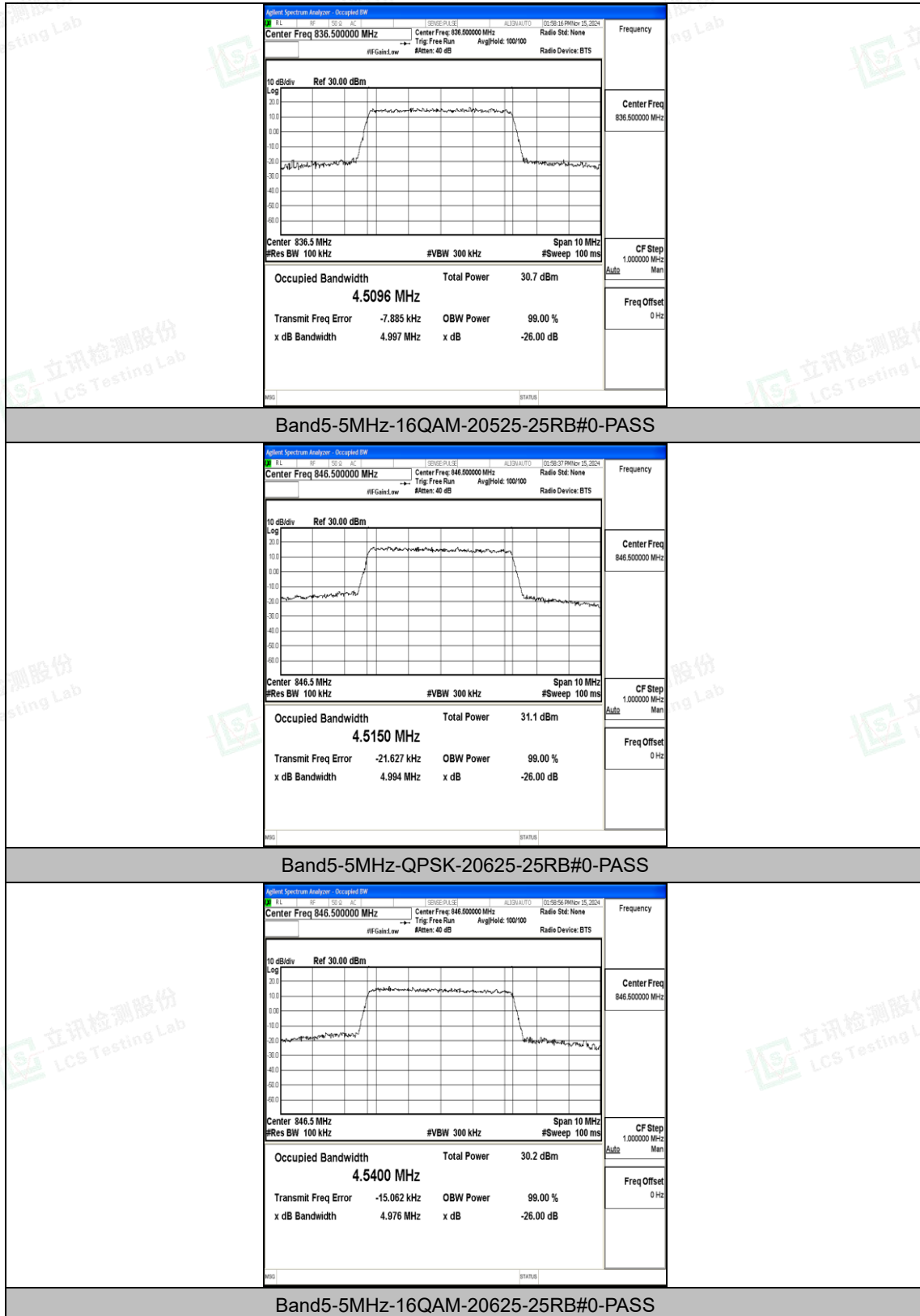
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

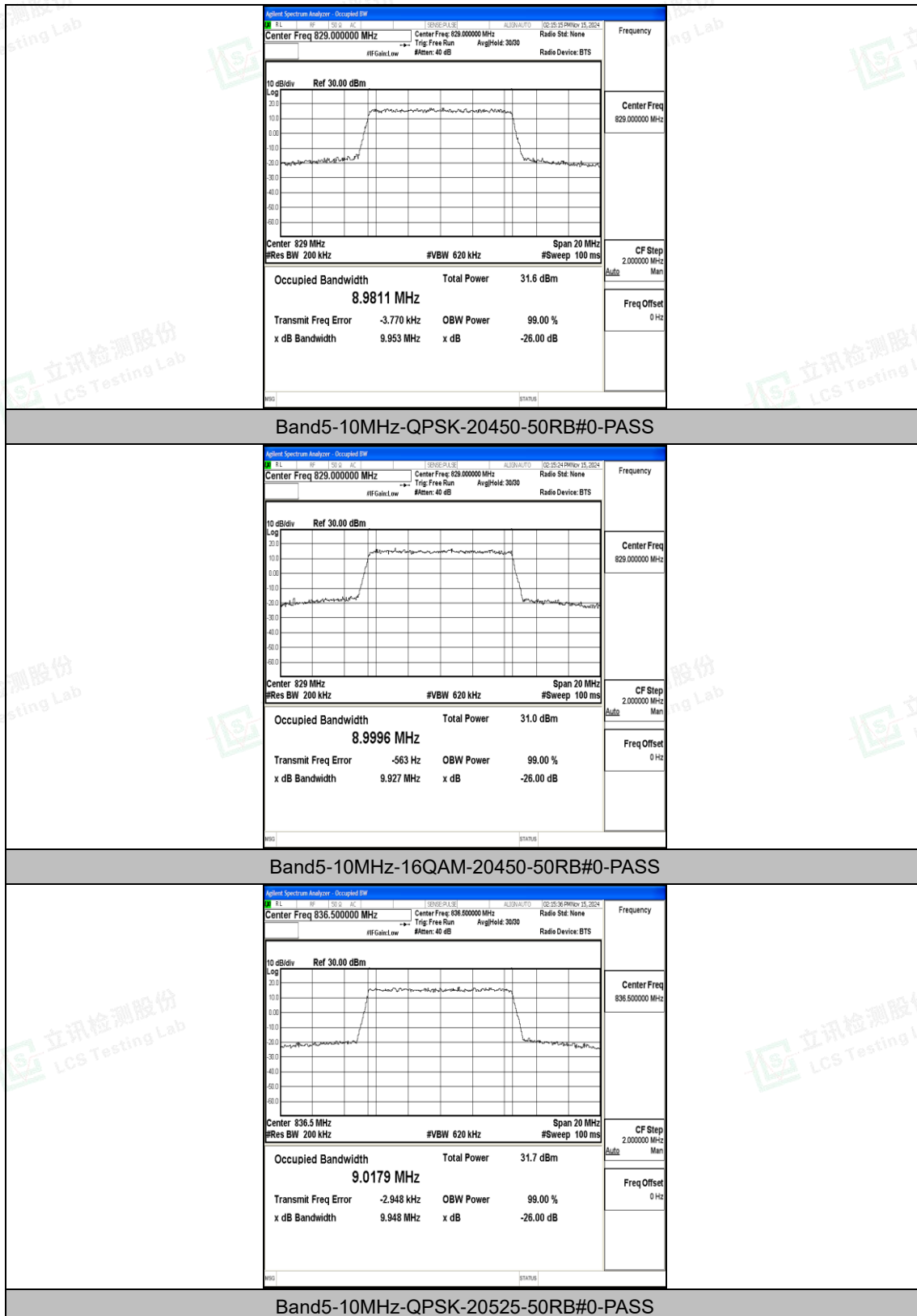
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

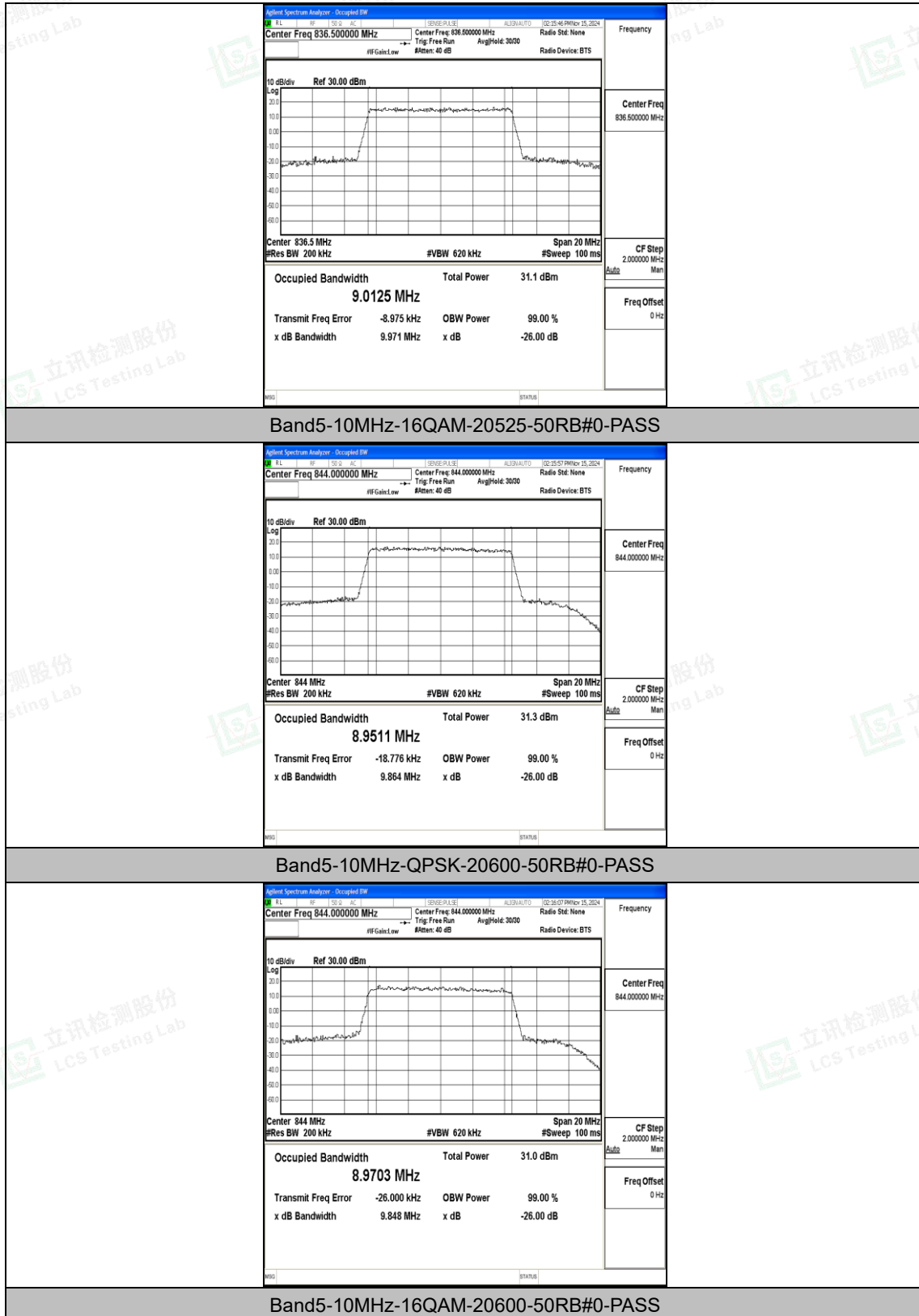
Scan code to check authenticity











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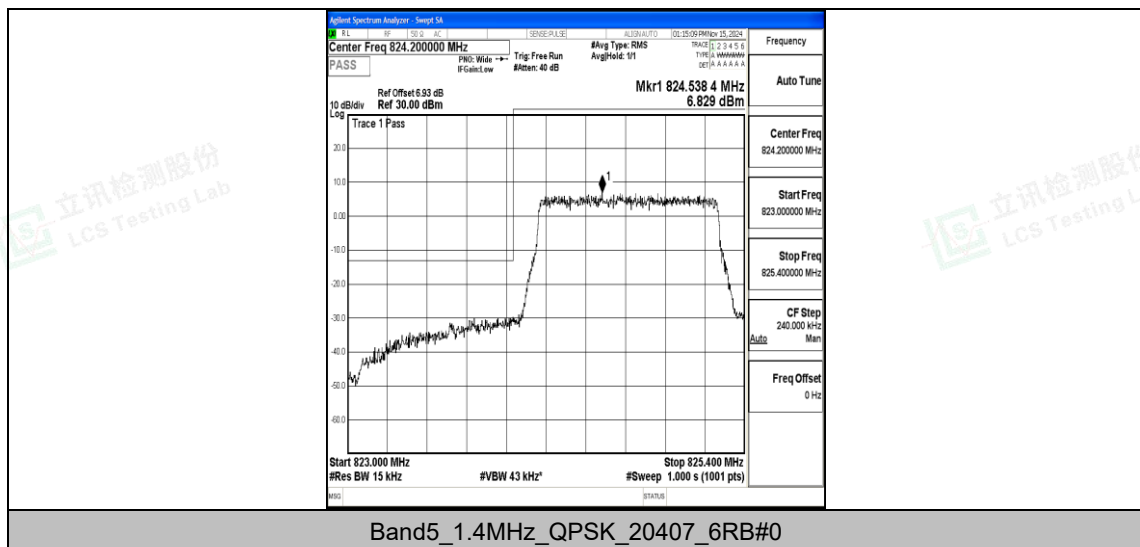


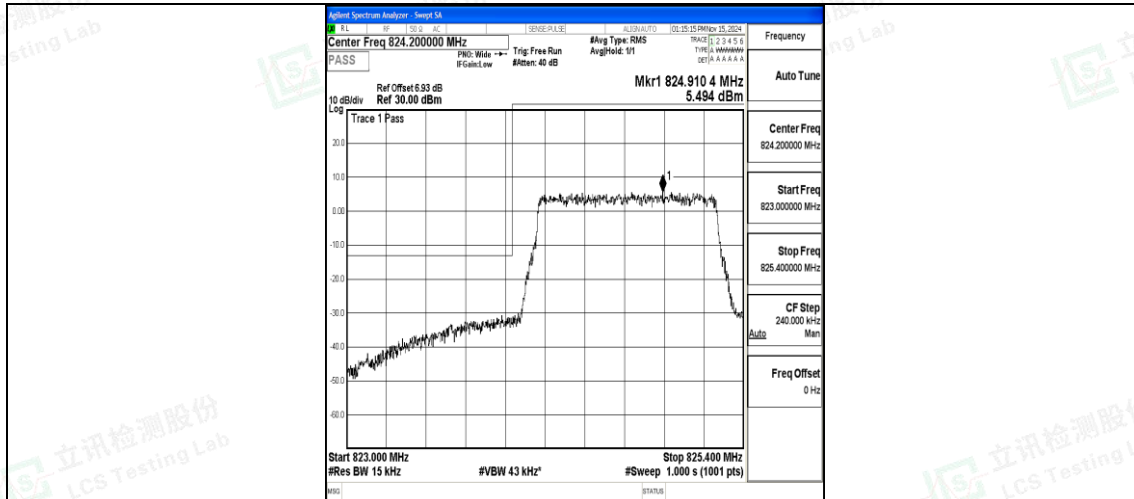
D.4 Band Edge

Test Result

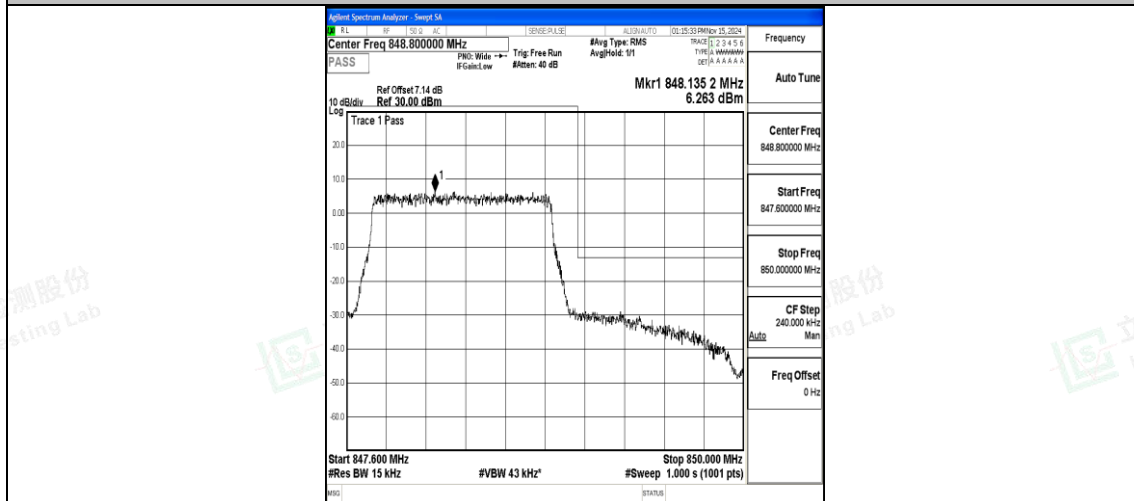
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.95	-30.02	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.94	-30.82	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.26	-28.99	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.03	-30.05	PASS
Band5	3MHz	QPSK	20415	15RB#0	824.00	-23.23	PASS
Band5	3MHz	16QAM	20415	15RB#0	824.00	-25.03	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.00	-24.17	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.01	-26.53	PASS
Band5	5MHz	QPSK	20425	25RB#0	824.00	-27.33	PASS
Band5	5MHz	16QAM	20425	25RB#0	823.99	-27.71	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.00	-27.16	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.00	-29.90	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.90	-28.84	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.97	-29.64	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.02	-30.18	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.08	-31.46	PASS

Test Graphs

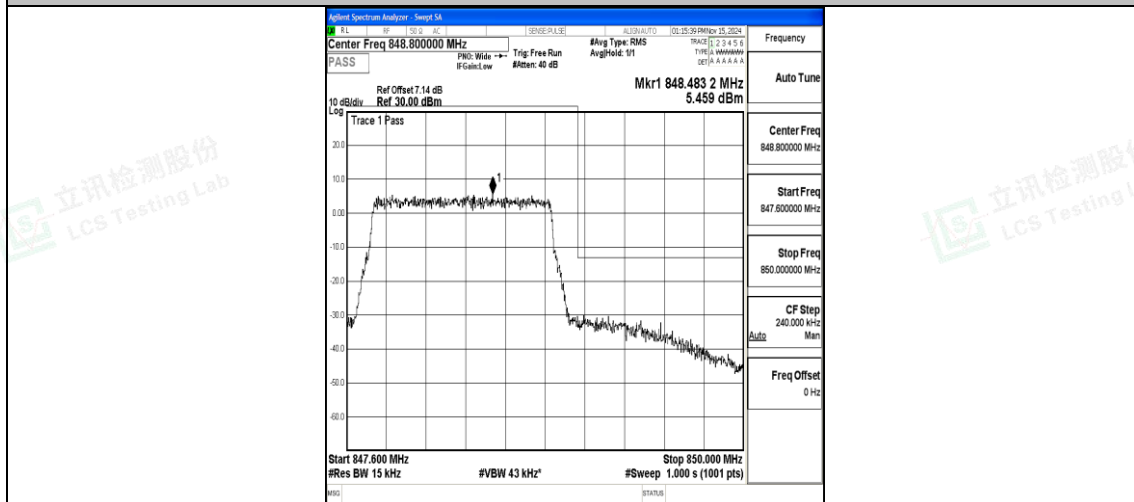




Band5_1.4MHz_16QAM_20407_6RB#0

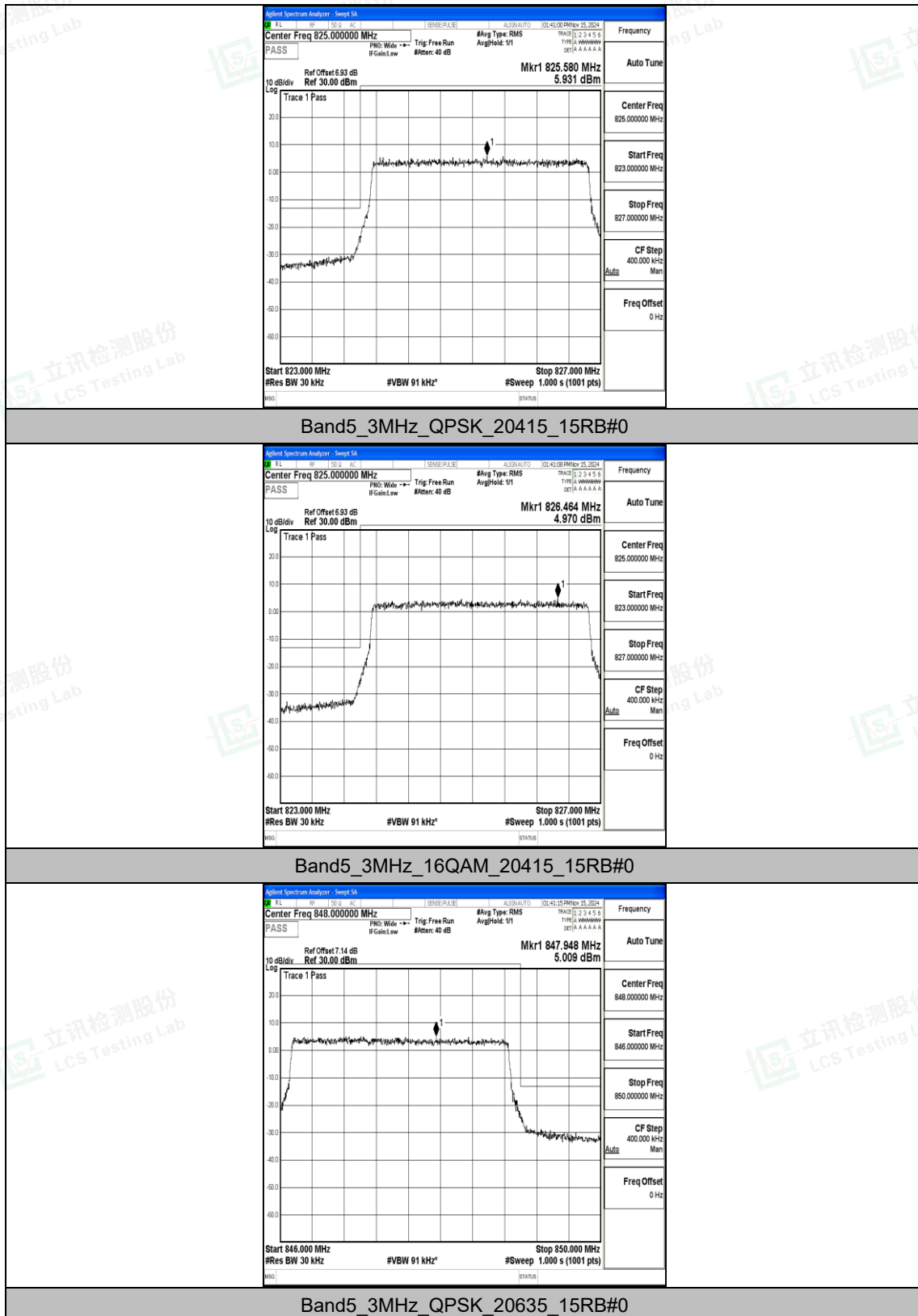


Band5_1.4MHz_QPSK_20643_6RB#0

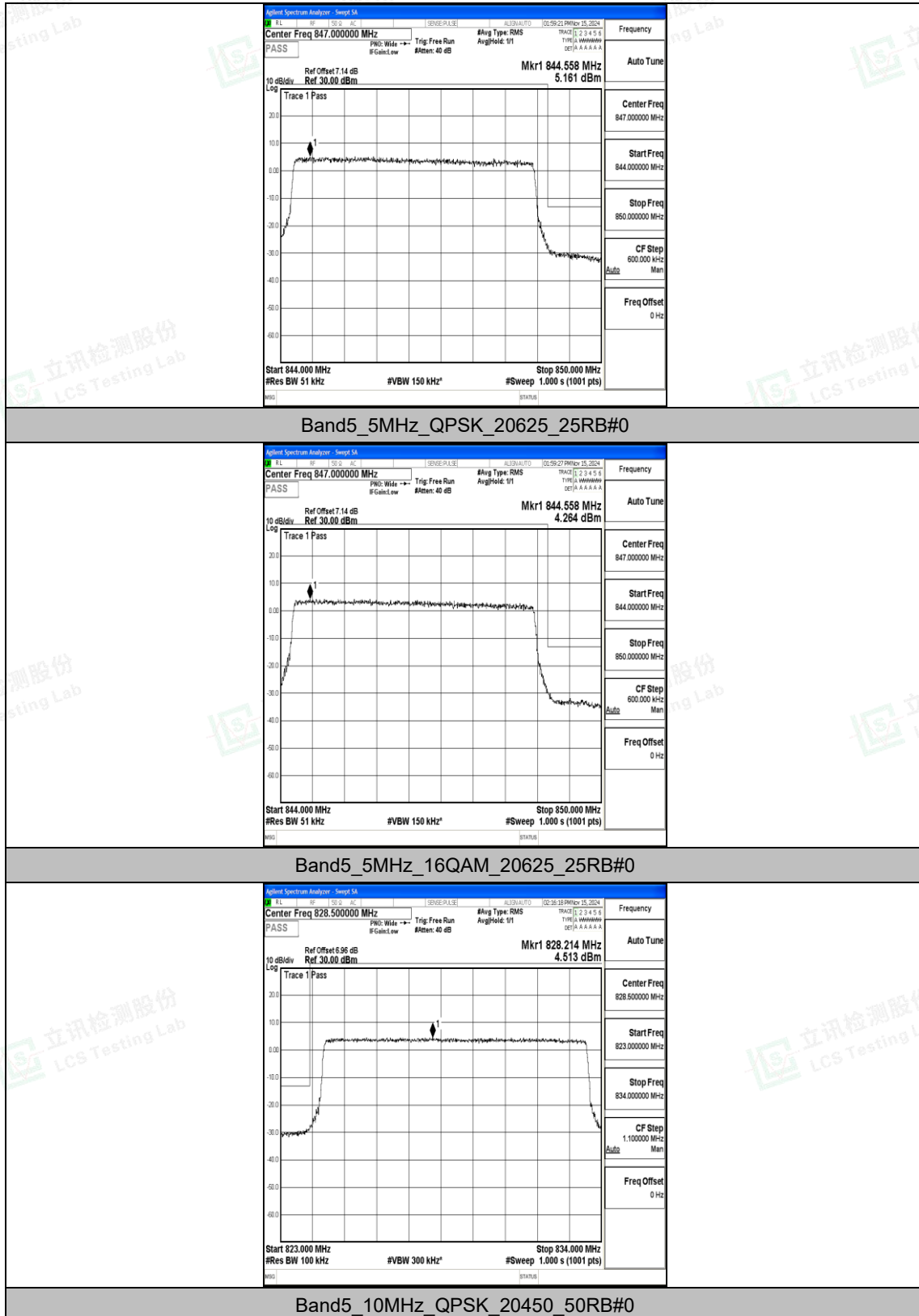


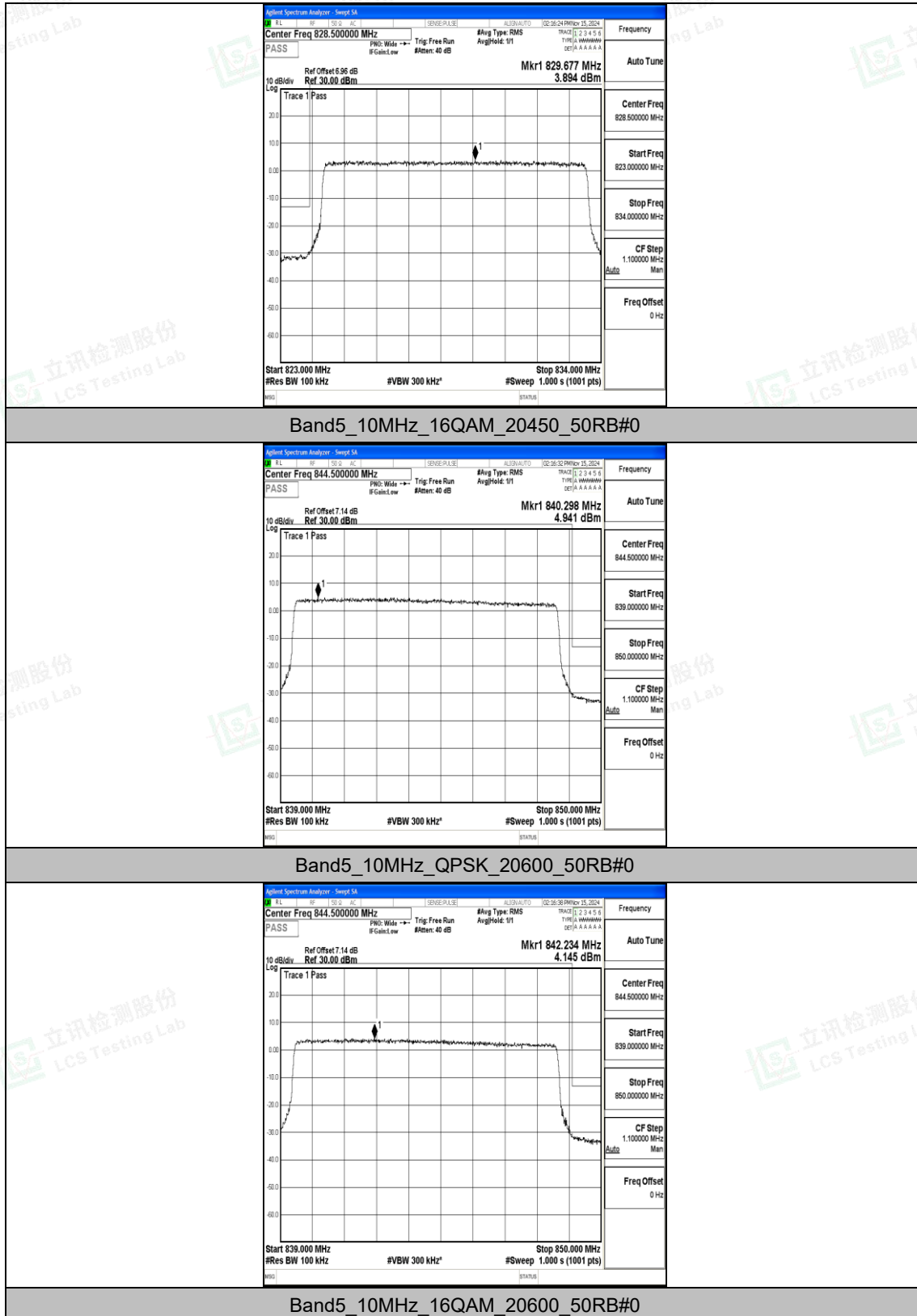
Band5_1.4MHz_16QAM_20643_6RB#0













D.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-54.79	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-52.22	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-57.70	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-41.23	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-43.18	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-55.73	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-52.17	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-58.09	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-39.49	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-44.22	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-60.26	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-53.37	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-58.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-43.09	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-43.75	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-59.25	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-52.68	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-57.60	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-42.94	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-44.28	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-59.19	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-53.13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-57.74	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-44.12	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-44.41	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-58.87	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-52.08	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-58.30	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-44.96	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-44.27	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-57.59	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-54.46	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-59.95	PASS



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Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-40.75	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-44.17	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-55.97	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-50.86	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-59.92	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-40.40	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-44.03	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-56.87	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-52.18	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-58.44	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-42.14	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-43.64	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-57.14	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-49.92	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-60.31	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-43.61	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-44.03	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-58.99	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-52.89	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-59.18	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-44.64	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-43.77	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-59.81	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-53.76	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-59.14	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-44.93	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-44.06	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-57.47	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-52.91	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-61.12	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-40.63	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-44.43	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-59.20	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-51.91	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-62.04	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-40.63	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-43.90	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-56.01	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-52.73	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-60.99	PASS



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Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-43.58	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-44.07	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-55.86	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-51.80	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-61.73	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-45.33	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-44.07	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-58.91	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-51.72	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-61.79	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-41.84	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-44.05	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-56.93	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-51.85	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-61.71	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-43.33	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-44.14	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-54.43	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-50.87	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-61.95	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-39.70	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-43.81	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-59.31	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-53.77	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-62.15	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-39.35	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-44.23	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-58.11	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-51.63	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-61.54	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-42.58	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-44.10	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-54.59	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-54.28	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-61.82	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-42.22	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-43.71	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-56.02	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-51.89	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-61.99	PASS



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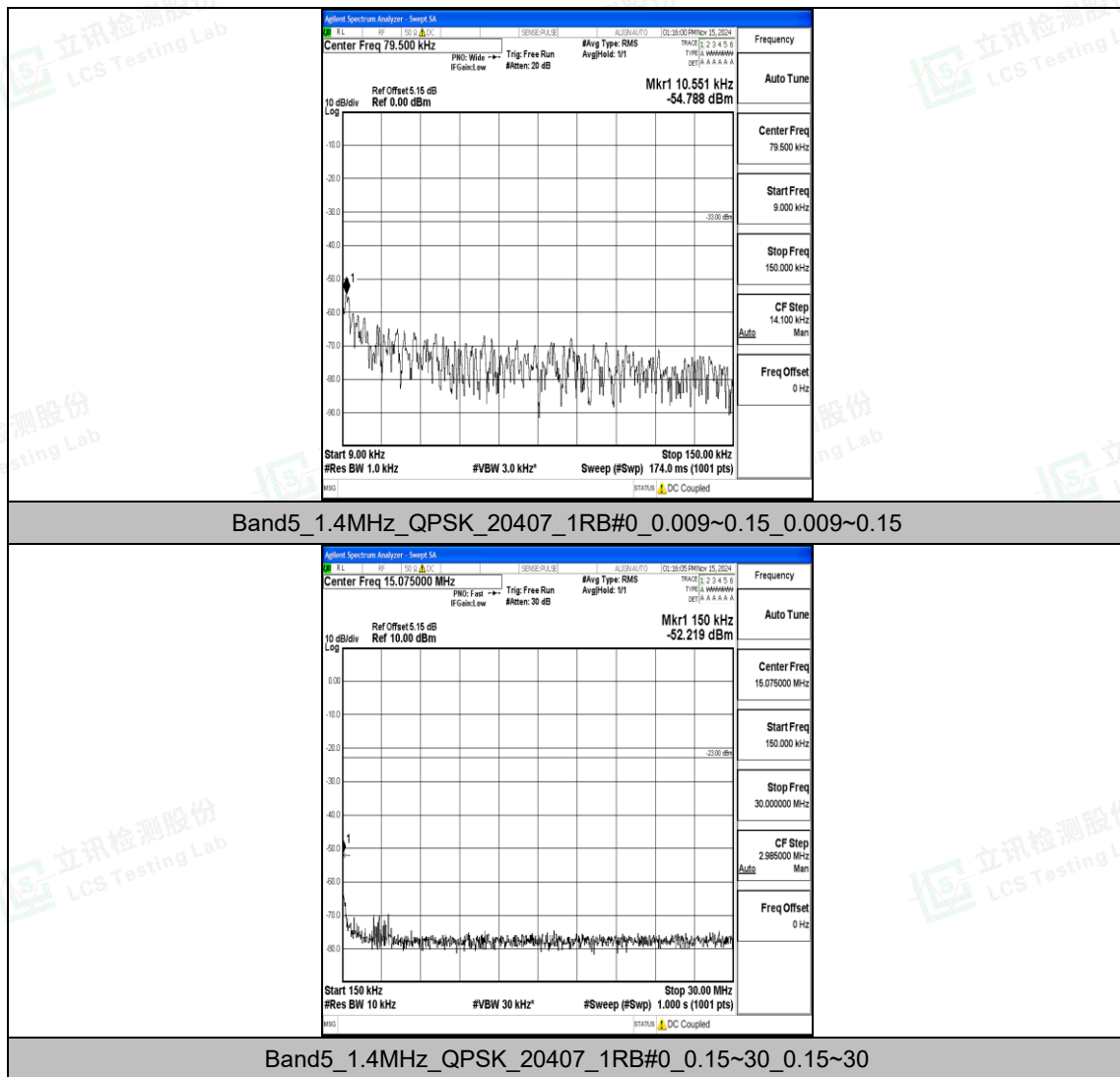
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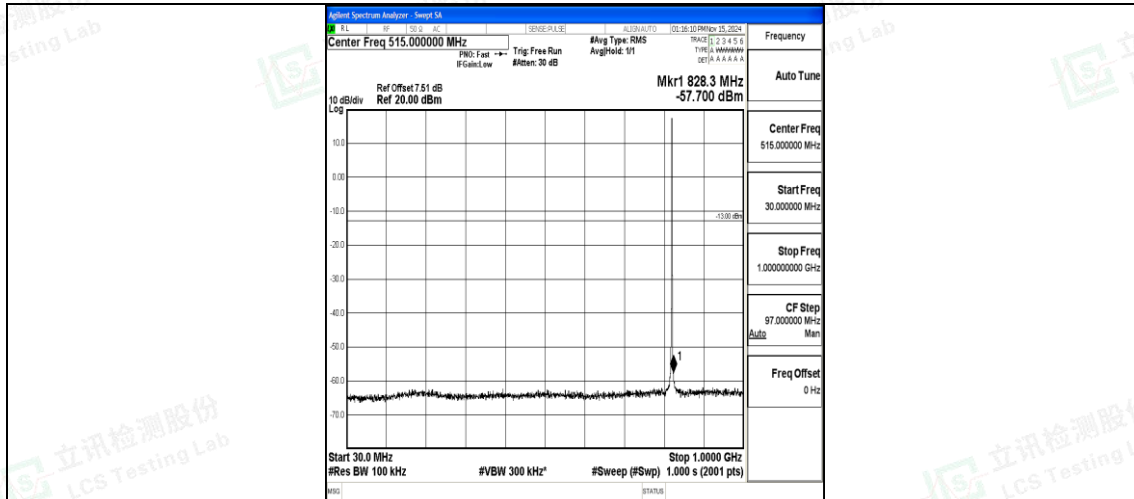
Scan code to check authenticity



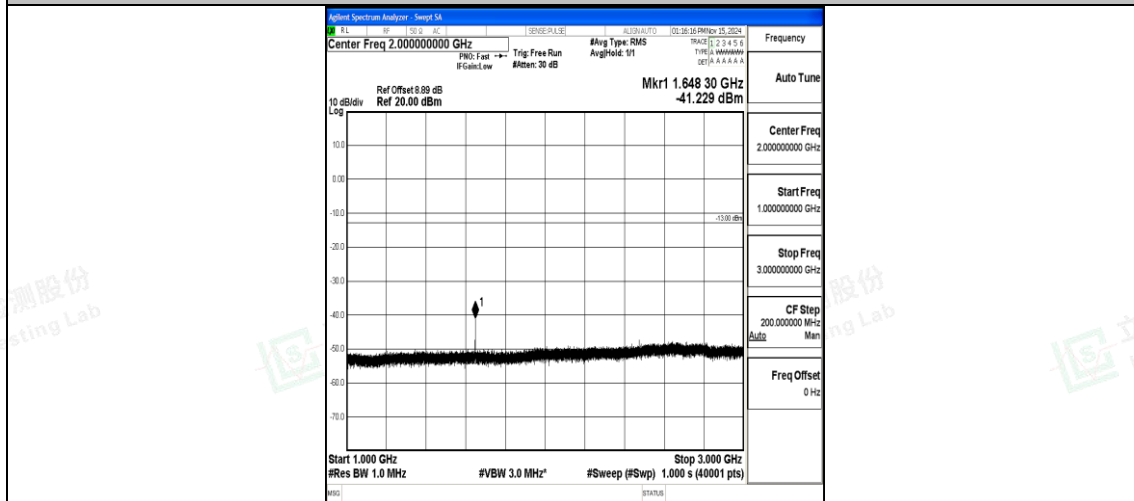
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Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-43.98	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-58.87	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-52.06	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-61.38	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-42.80	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-43.60	PASS

Test Graphs

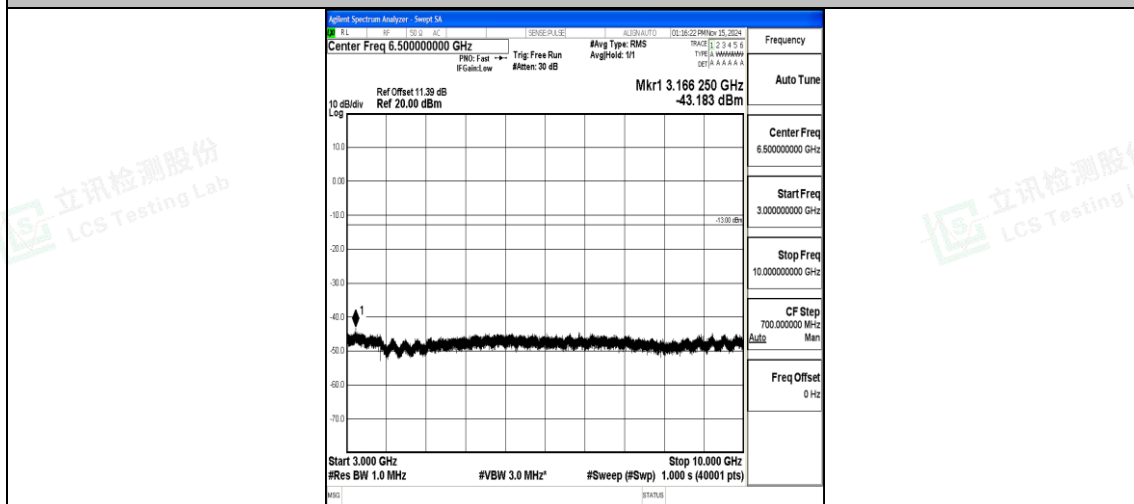




Band5_1.4MHz_QPSK_20407_1RB#0_30~1000_30~1000

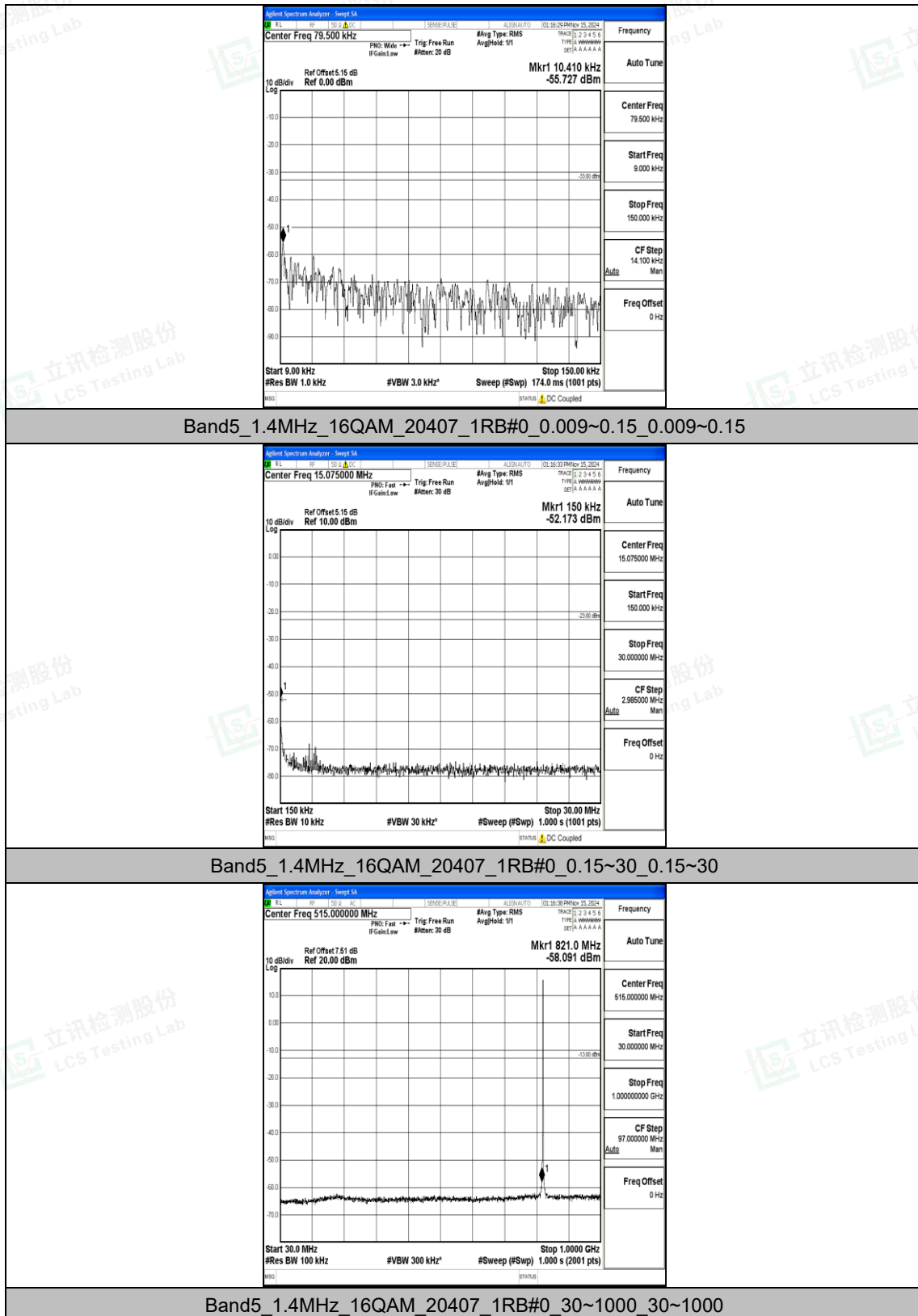


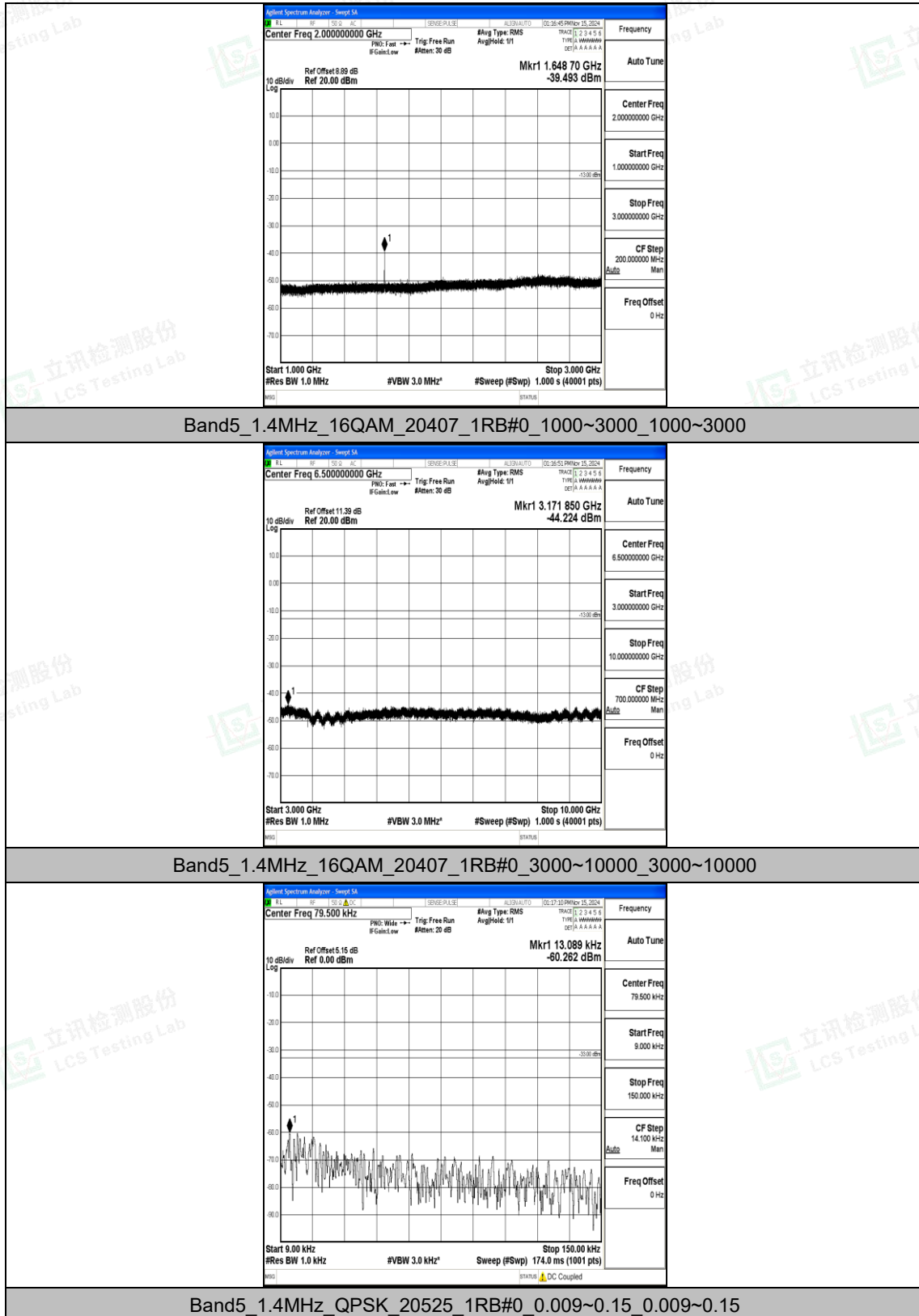
Band5_1.4MHz_QPSK_20407_1RB#0_1000~3000_1000~3000



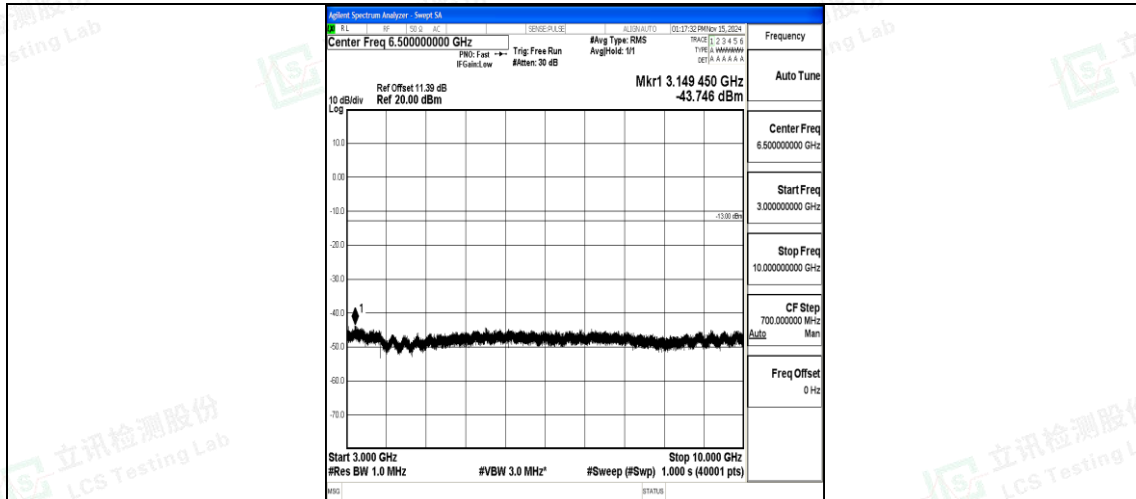
Band5_1.4MHz_QPSK_20407_1RB#0_3000~10000_3000~10000



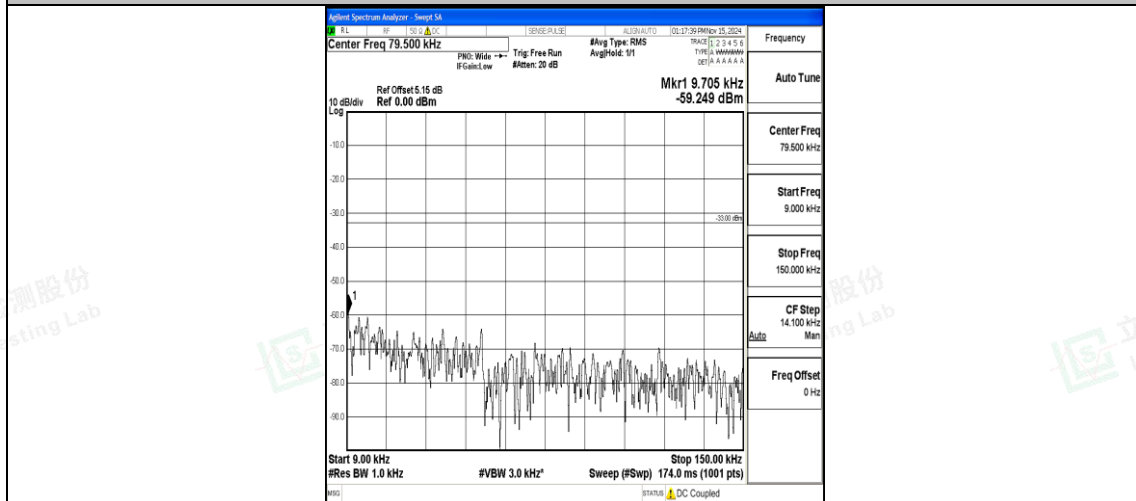




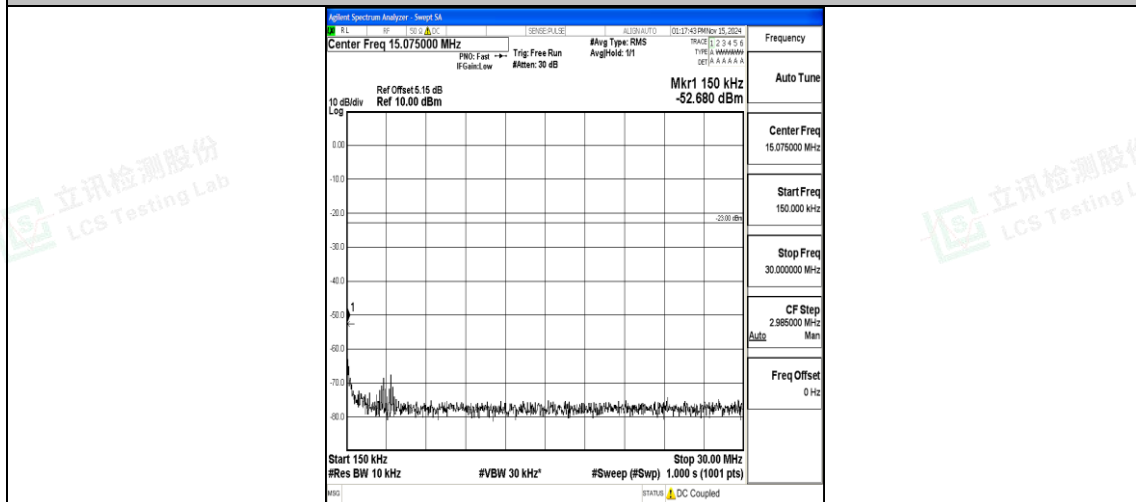




Band5_1.4MHz_QPSK_20525_1RB#0_3000~10000_3000~10000



Band5_1.4MHz_16QAM_20525_1RB#0_0.009~0.15_0.009~0.15



Band5_1.4MHz_16QAM_20525_1RB#0_0.15~30_0.15~30



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