



Appendix F: Test Data for E-UTRA Band 5

Product Name: 4G FIXED WIRELESS PHONE
Test Model: LS830

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan



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F.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.15	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.19	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.26	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.32	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.27	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.18	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.28	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.44	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.50	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.50	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.46	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.55	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.64	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.59	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.19	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.28	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.29	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.27	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.34	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.30	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.30	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.36	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.62	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.30	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.01	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.98	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.99	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.36	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.39	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.69	PASS



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Band5	1.4MHz	16QAM	20525	1RB#5	22.70	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.28	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.38	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.26	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.63	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.01	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.17	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.07	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.26	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.24	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.29	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.36	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.44	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.06	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.28	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.92	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.98	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.18	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.16	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.16	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.48	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.13	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.30	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.34	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.28	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.34	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.98	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.95	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.95	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.04	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.92	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.97	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.03	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.94	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.02	PASS



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Band5	3MHz	16QAM	20415	1RB#14	22.02	PASS
Band5	3MHz	16QAM	20415	8RB#0	20.88	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.86	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.24	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.90	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.01	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.33	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.96	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.34	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.39	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.25	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.17	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.91	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.89	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.93	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.94	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.99	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.06	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.81	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.87	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.55	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.19	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.20	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.23	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.26	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.36	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.36	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.57	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.33	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.50	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.57	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.51	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.55	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.23	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.19	PASS



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Band5	5MHz	QPSK	20625	1RB#24	23.34	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.25	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.34	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.31	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.28	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.13	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.32	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.07	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.01	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.30	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.15	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.36	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.38	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.38	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.97	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.51	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.40	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.51	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.68	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.12	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.31	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.31	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.36	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.40	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.23	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.13	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.60	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.41	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.58	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.53	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.65	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.61	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.33	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.57	PASS



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Band5	10MHz	QPSK	20525	1RB#49	23.16	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.73	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.72	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.60	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.68	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.19	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.34	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.75	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.63	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.50	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.44	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.48	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.03	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.71	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.28	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.58	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.56	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.78	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.56	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.51	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.96	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.29	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.63	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.70	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.48	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.49	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.44	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.79	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.78	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.48	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.47	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.36	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.39	PASS





F.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	4.52	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.11	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.28	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.04	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.86	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.59	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.49	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.97	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.46	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.97	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	4.74	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.50	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.73	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.33	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.46	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.13	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.06	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.70	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.53	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.20	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.55	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.03	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.97	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.63	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.47	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.15	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.38	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.01	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	3.98	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.69	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.41	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.99	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.29	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.84	13	PASS



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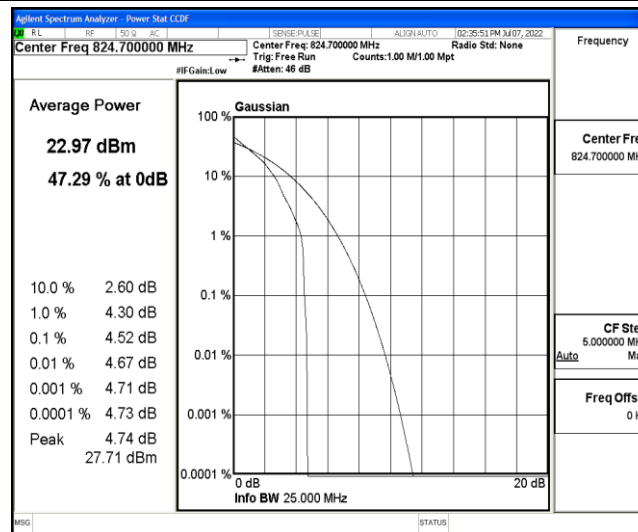
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Band5	5MHz	16QAM	20625	25RB#0	5.54	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.49	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.11	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.30	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.17	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.28	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.88	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.38	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.96	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.17	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.94	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.05	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.78	13	PASS



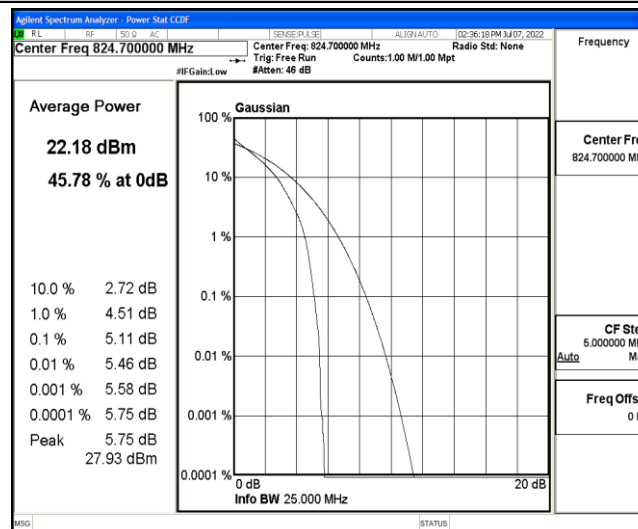


Test Graphs

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

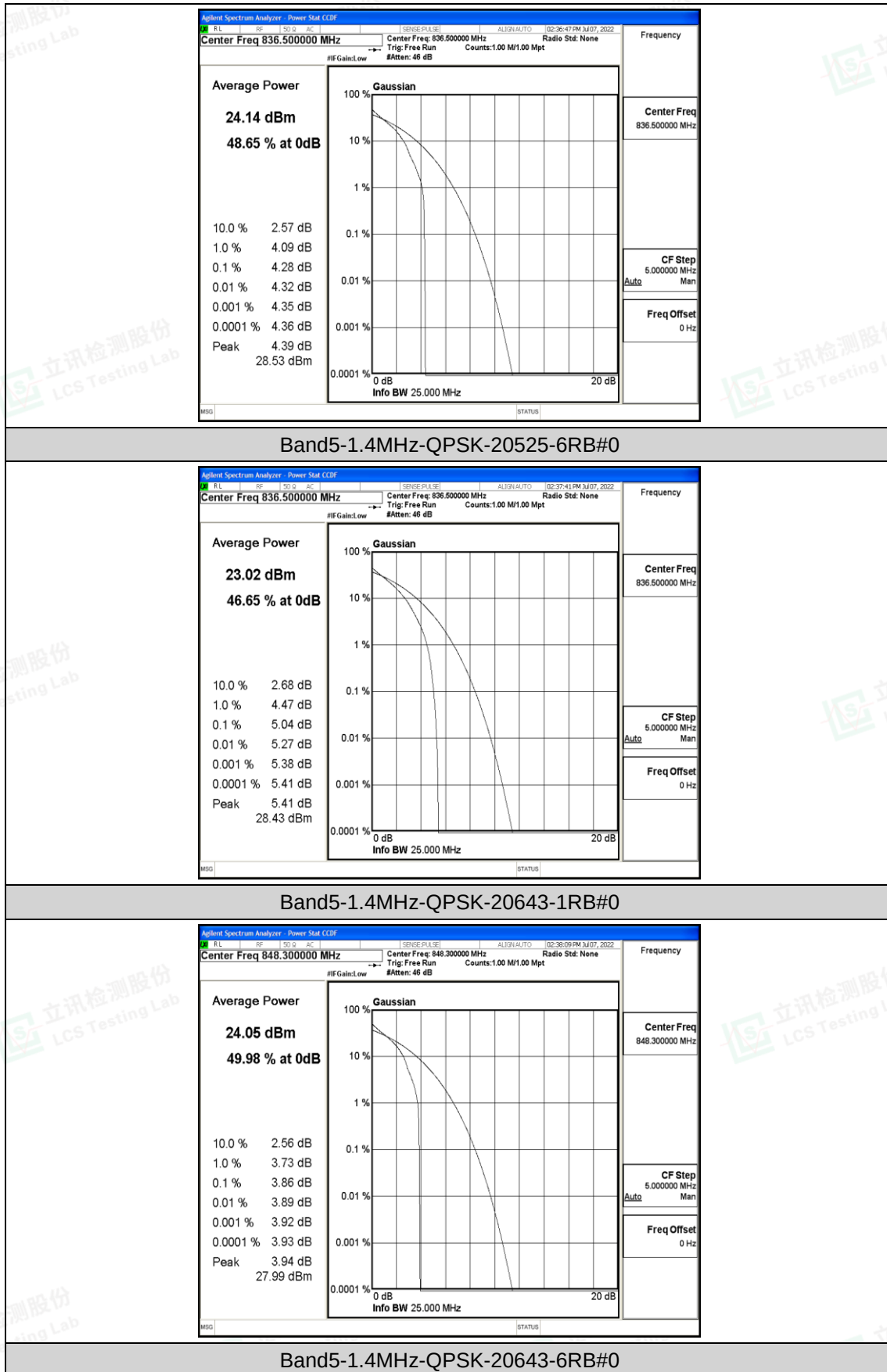


Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20525-1RB#0



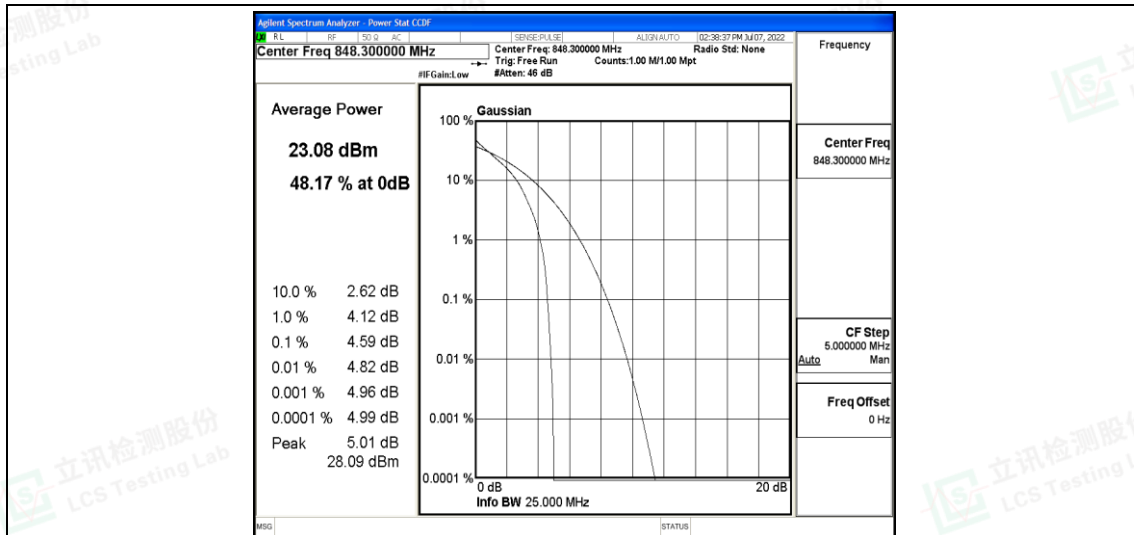


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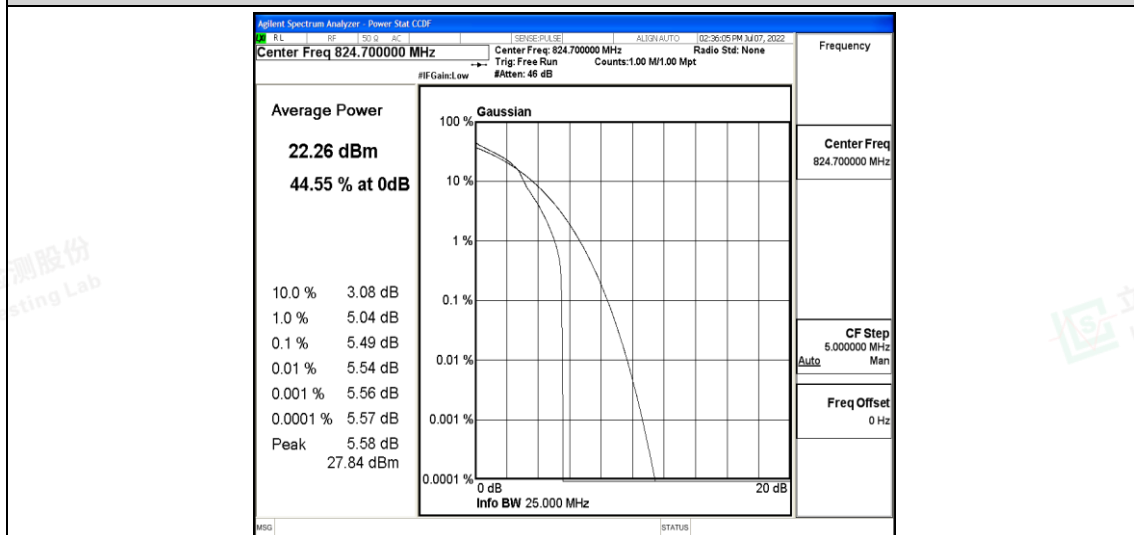
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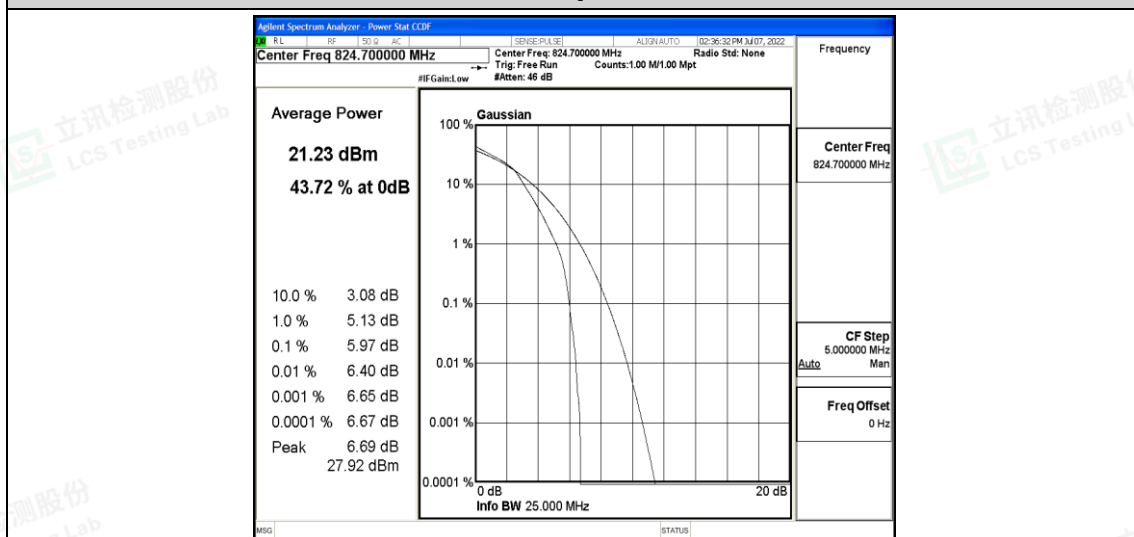
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Band5-1.4MHz-16QAM-20407-1RB#0



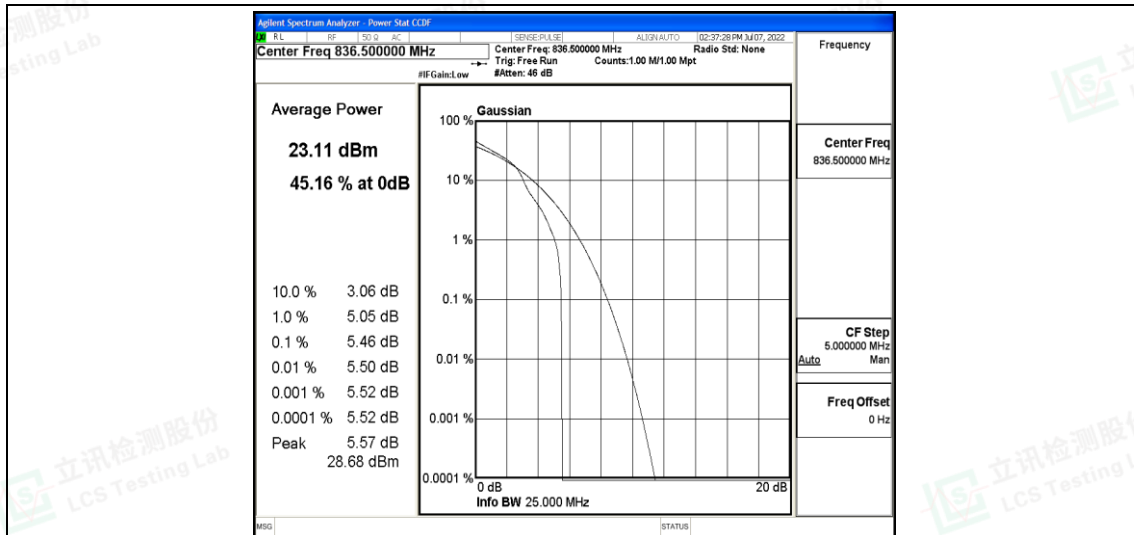
Band5-1.4MHz-16QAM-20407-6RB#0



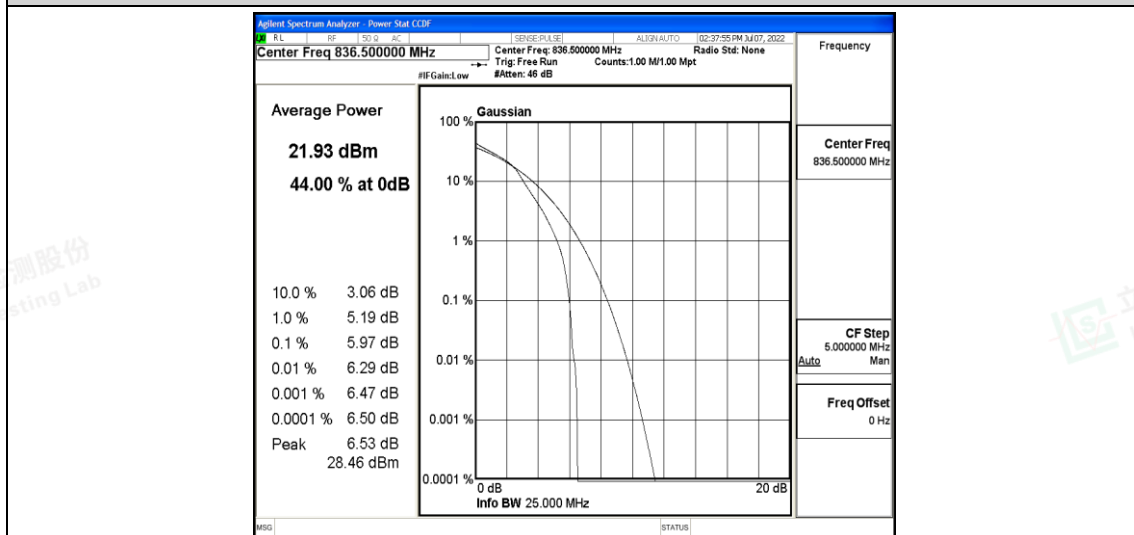
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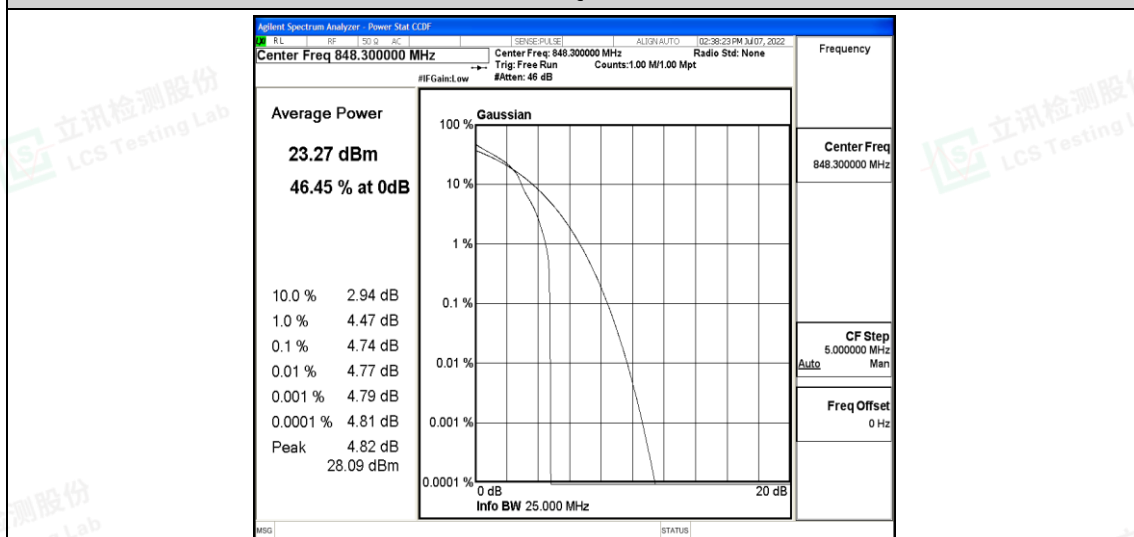
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Band5-1.4MHz-16QAM-20525-6RB#0

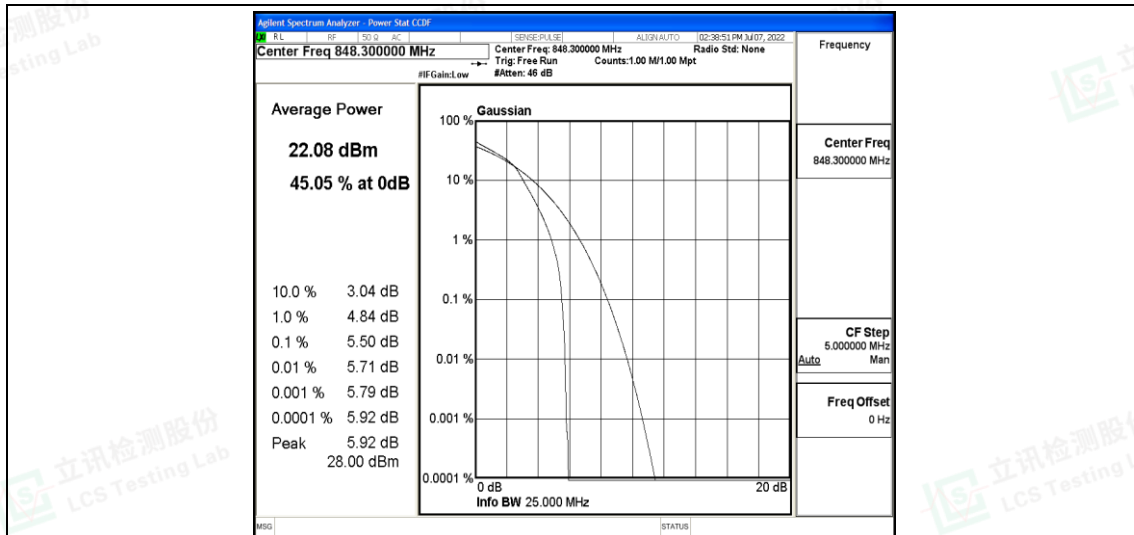


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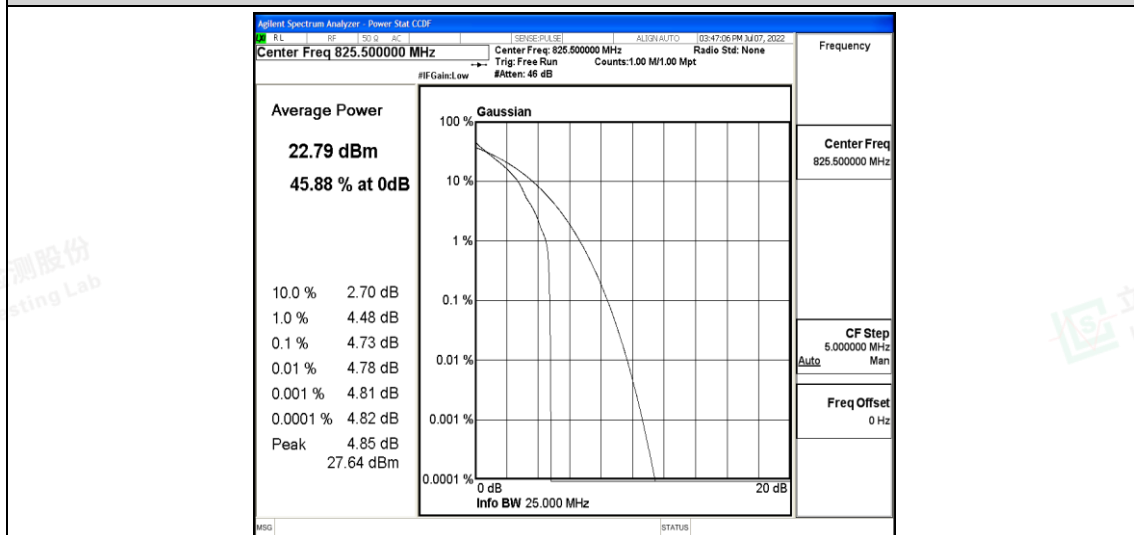


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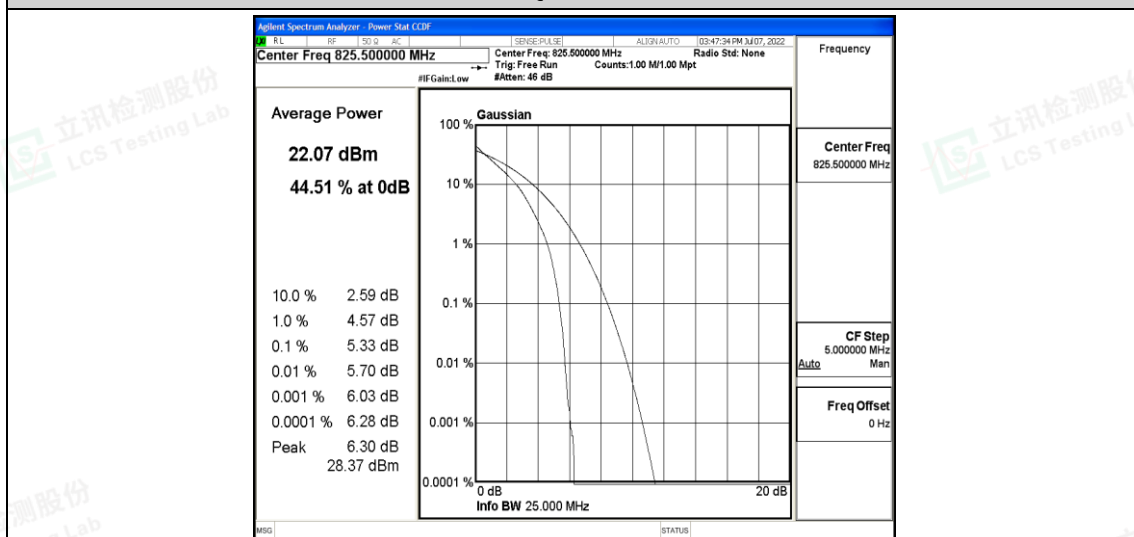




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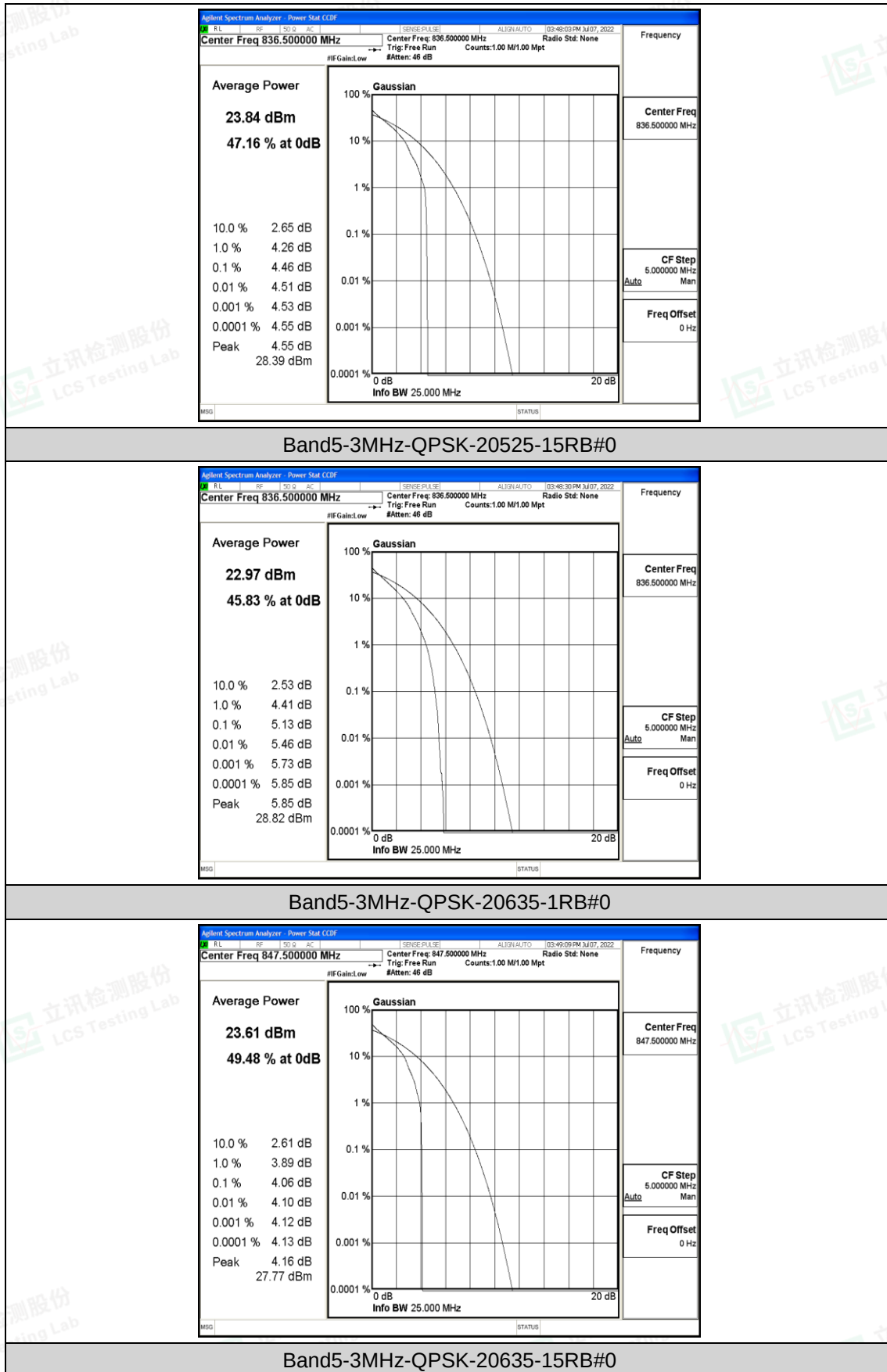
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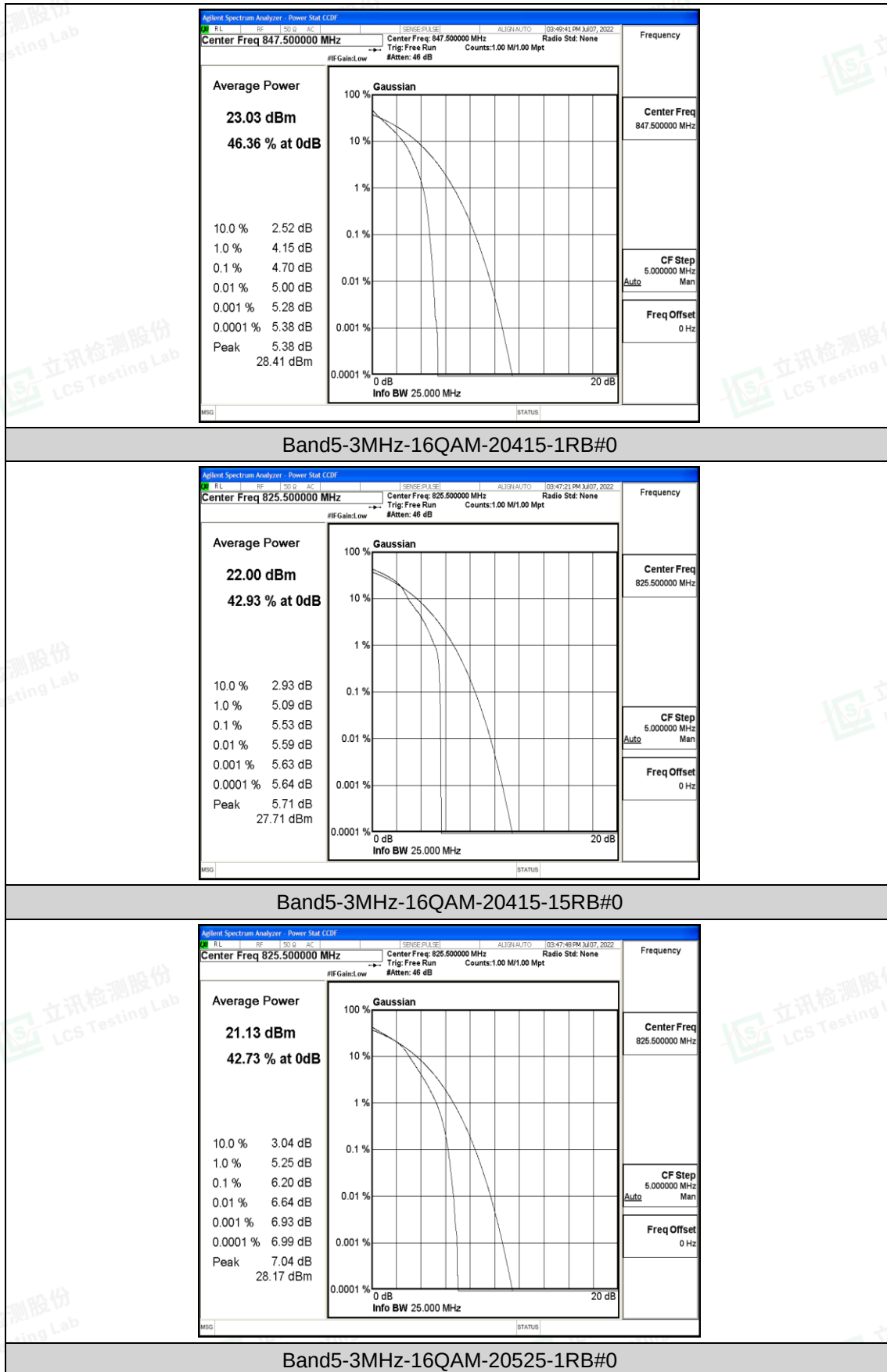


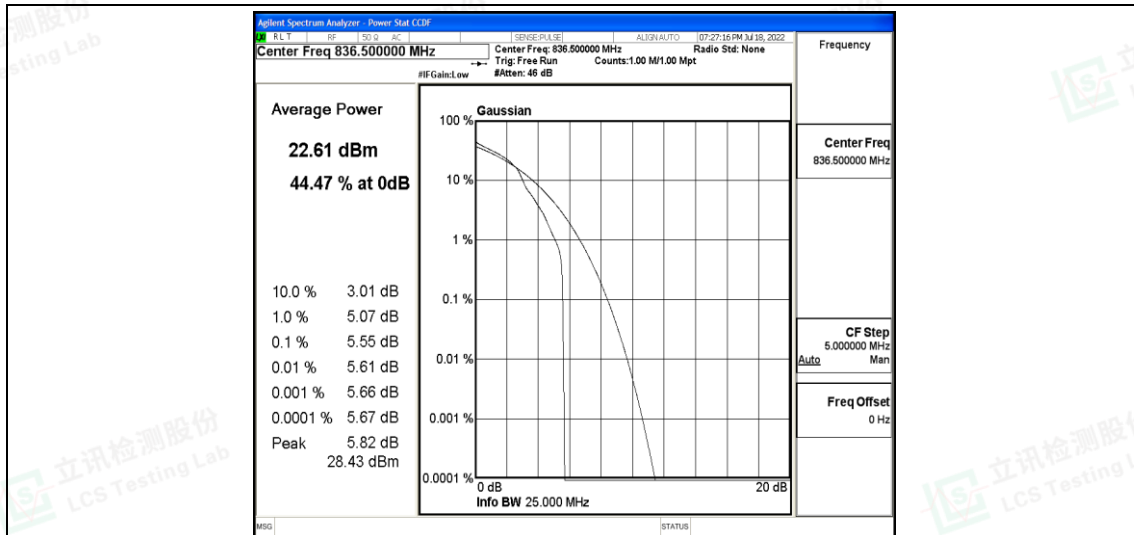
Band5-3MHz-QPSK-20525-1RB#0



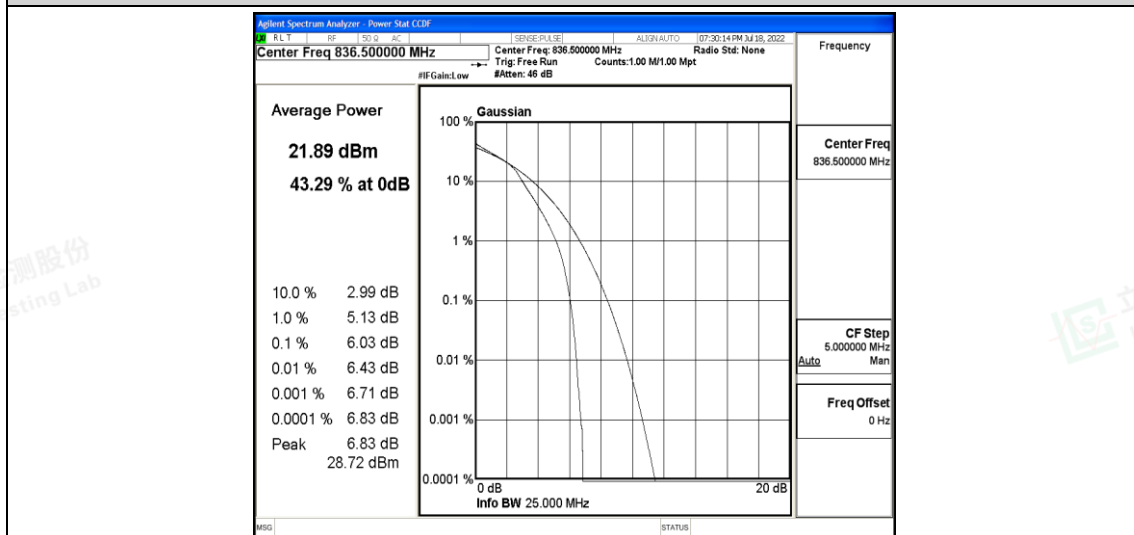
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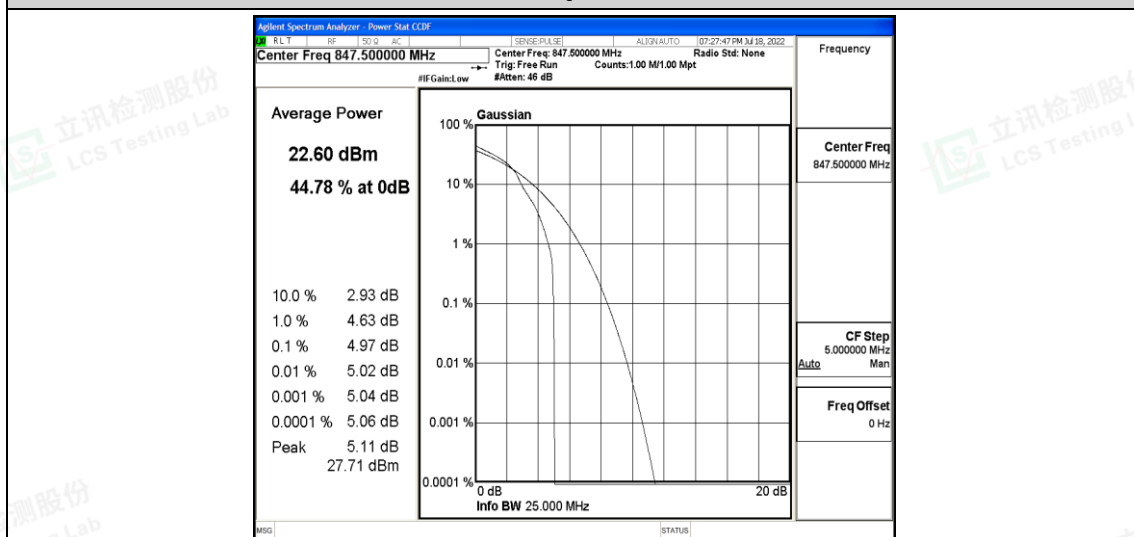




Band5-3MHz-16QAM-20525-15RB#0



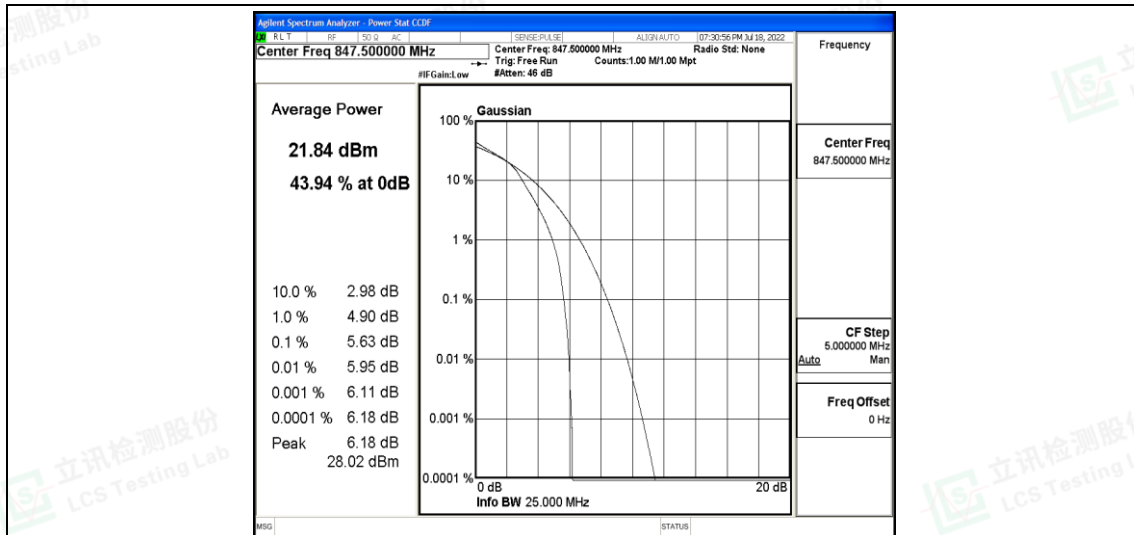
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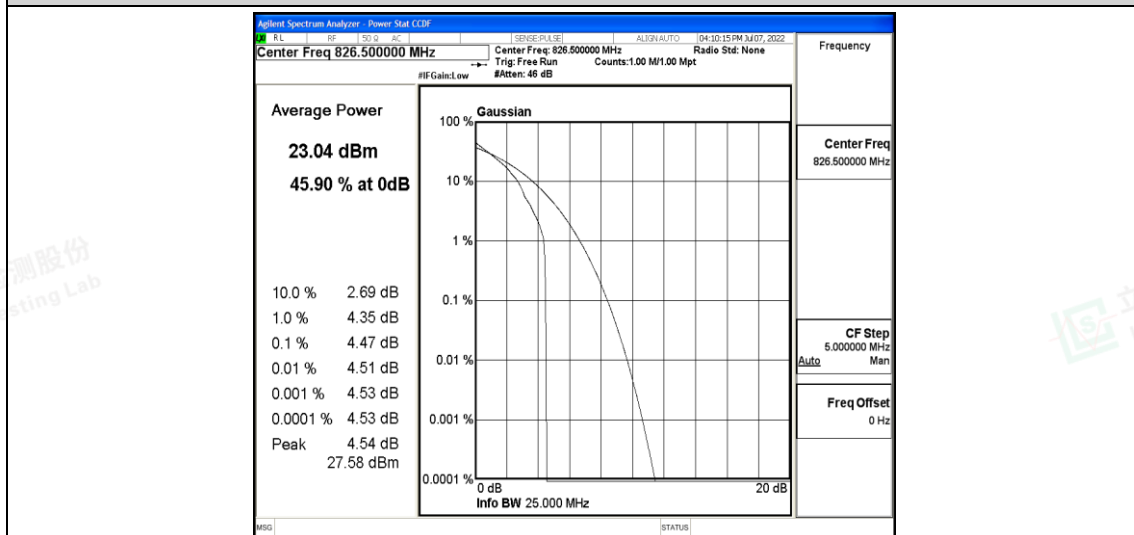
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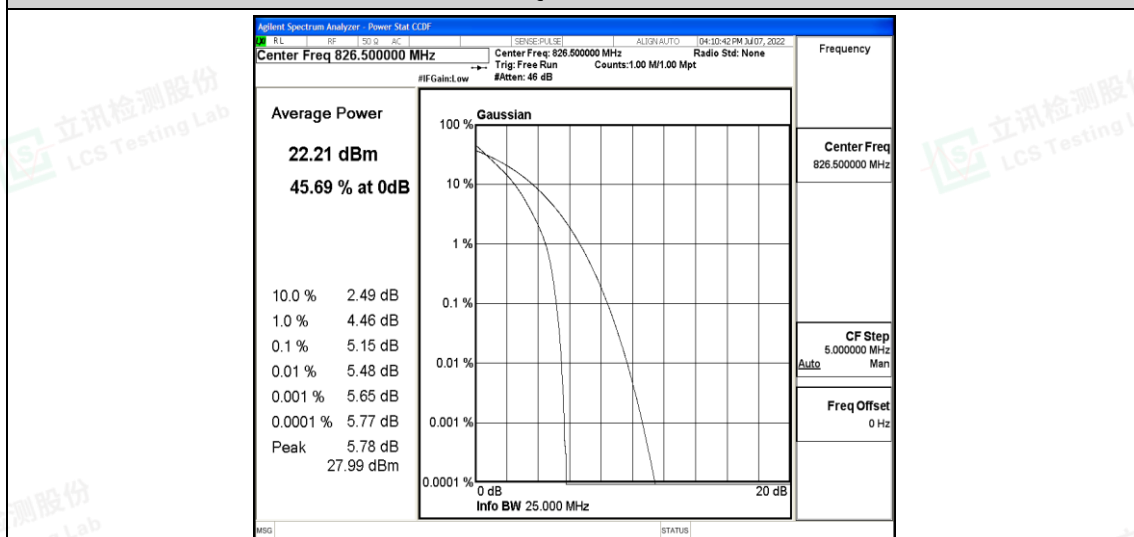
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Band5-5MHz-QPSK-20425-1RB#0



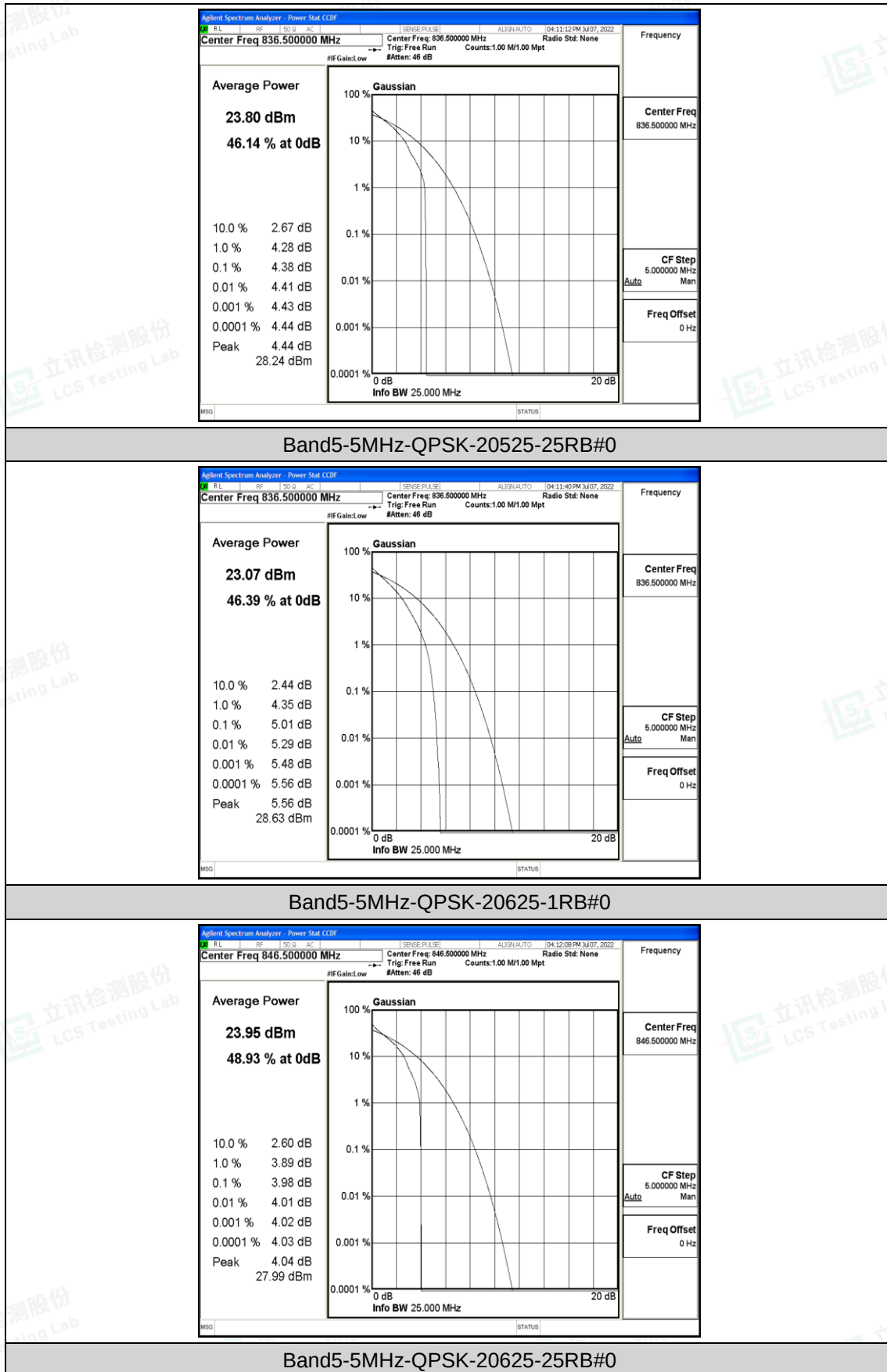
Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20525-1RB#0



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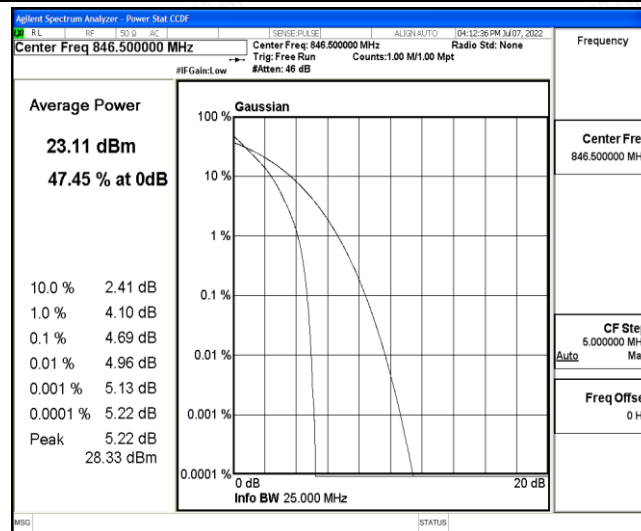


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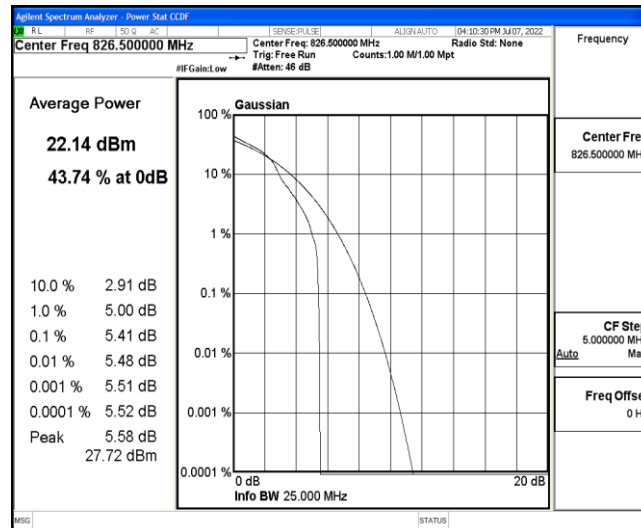
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

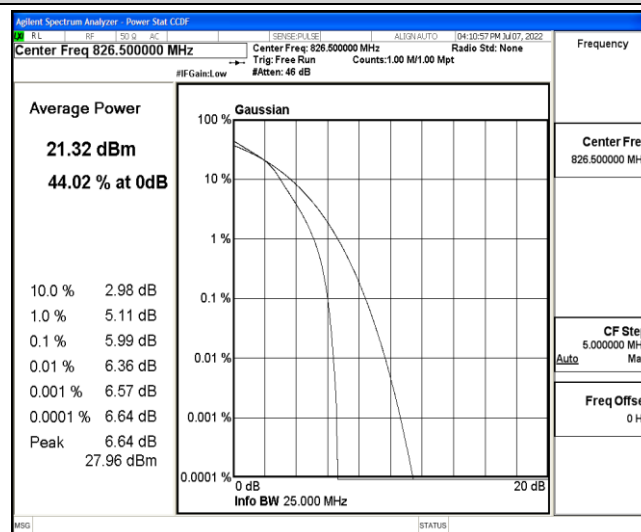
Scan code to check authenticity



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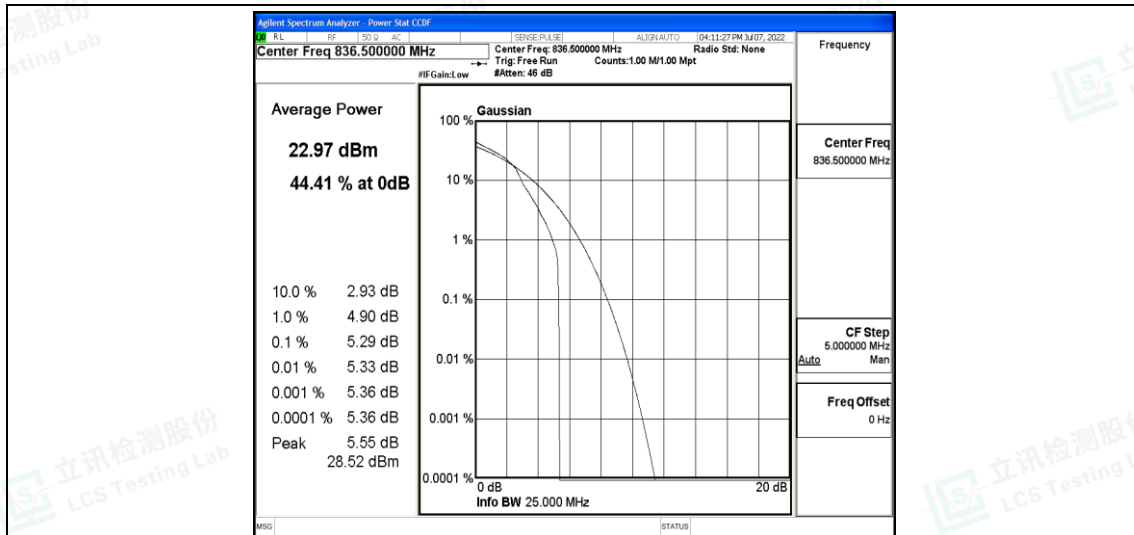


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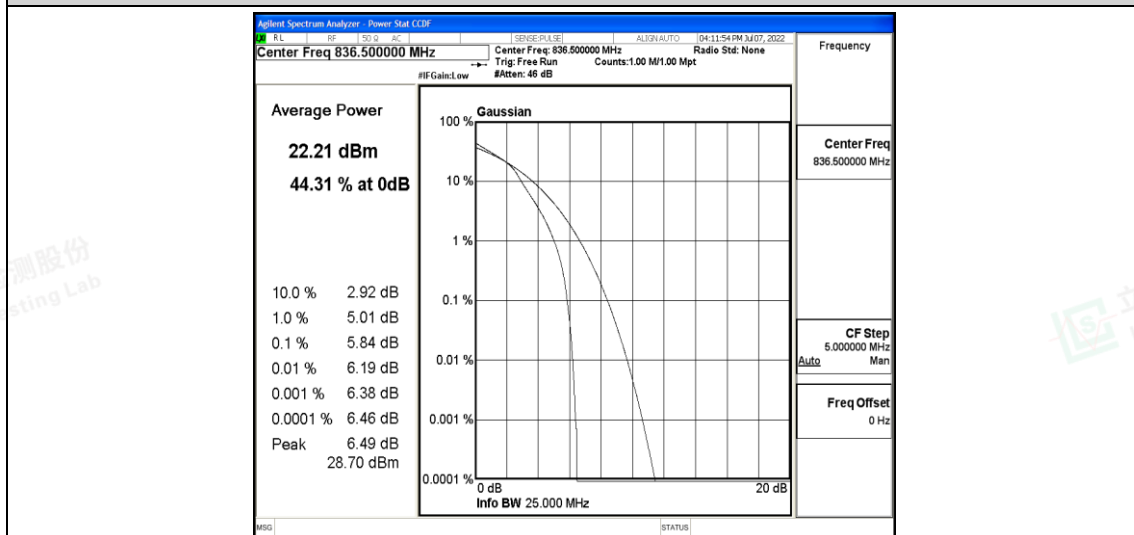


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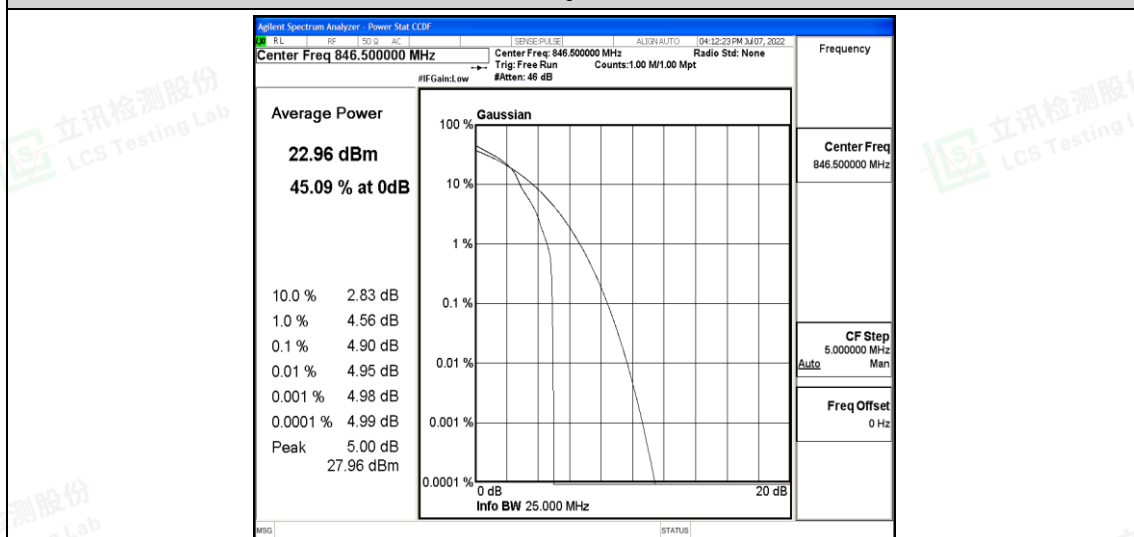




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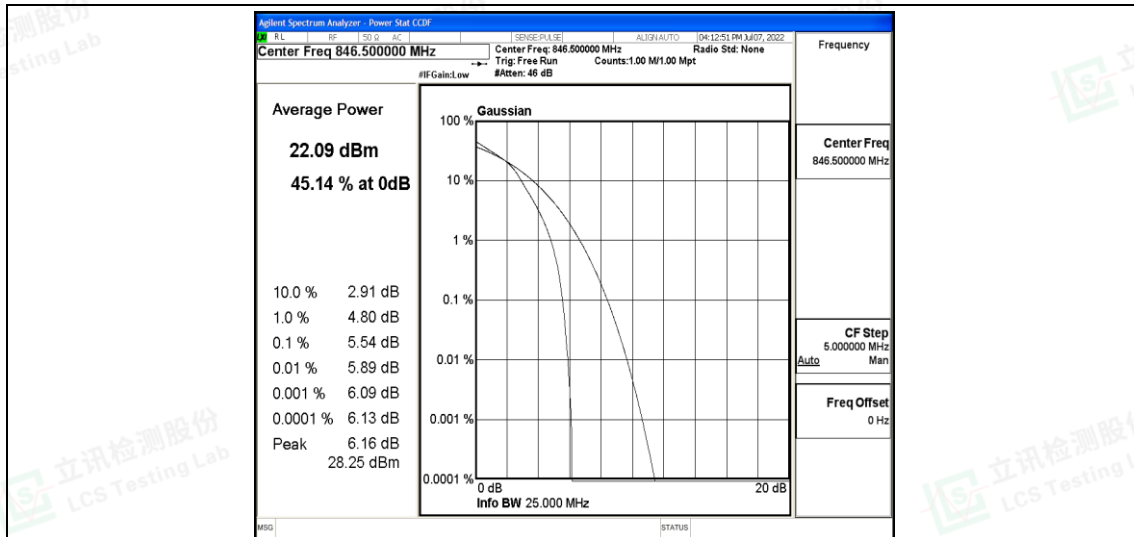


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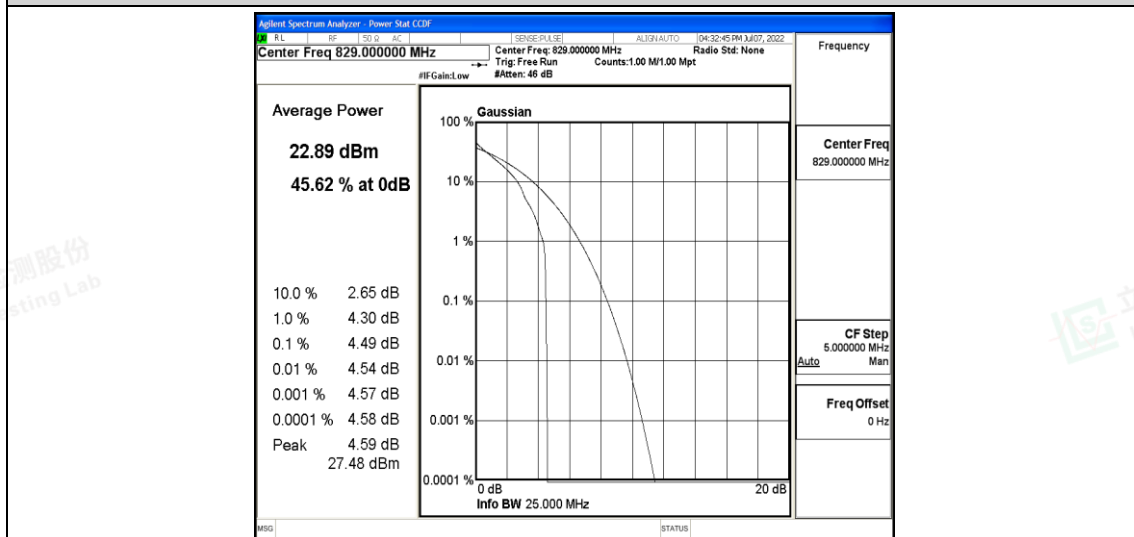


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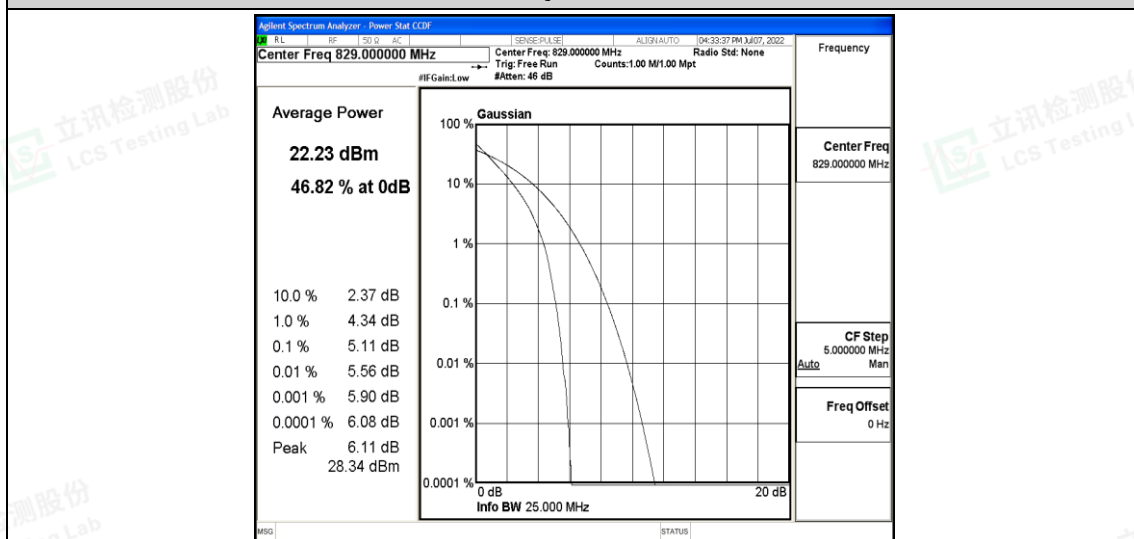




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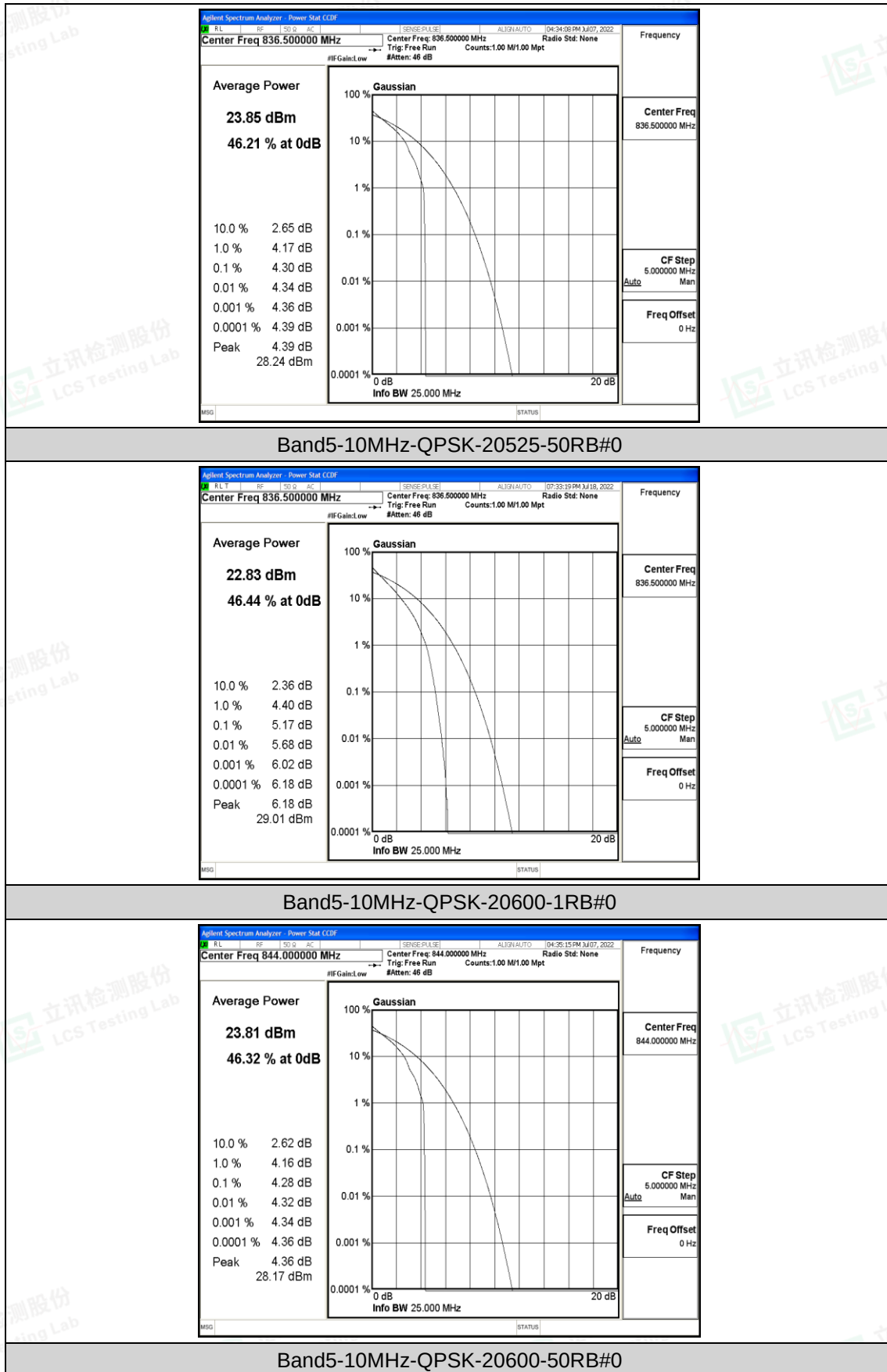


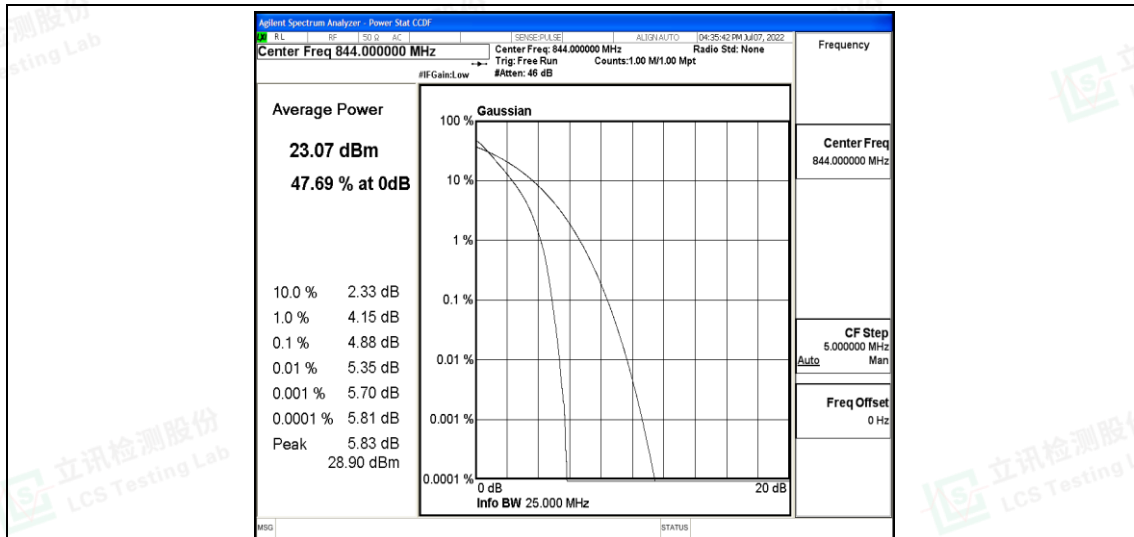
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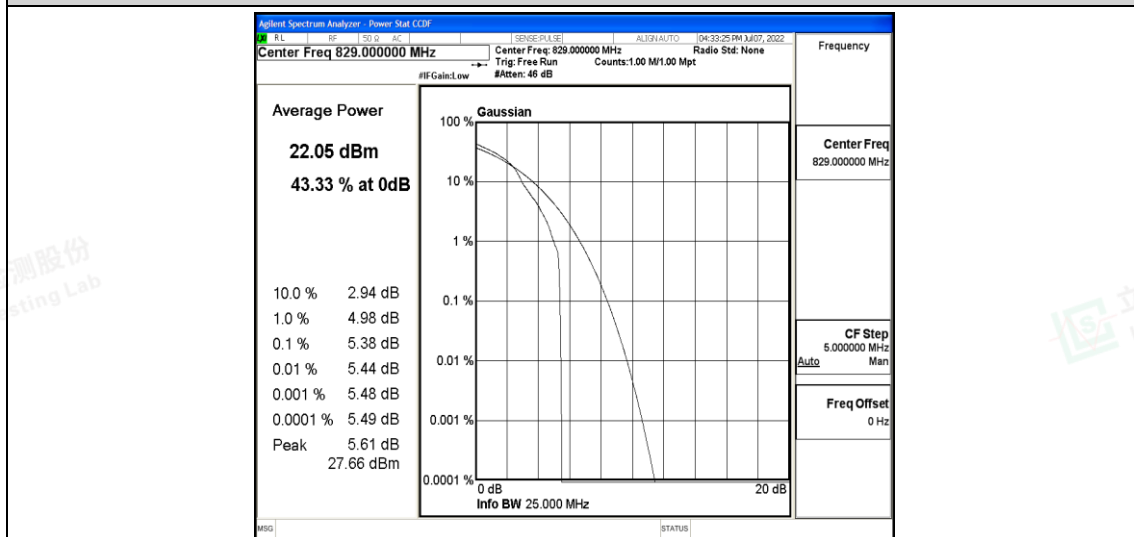
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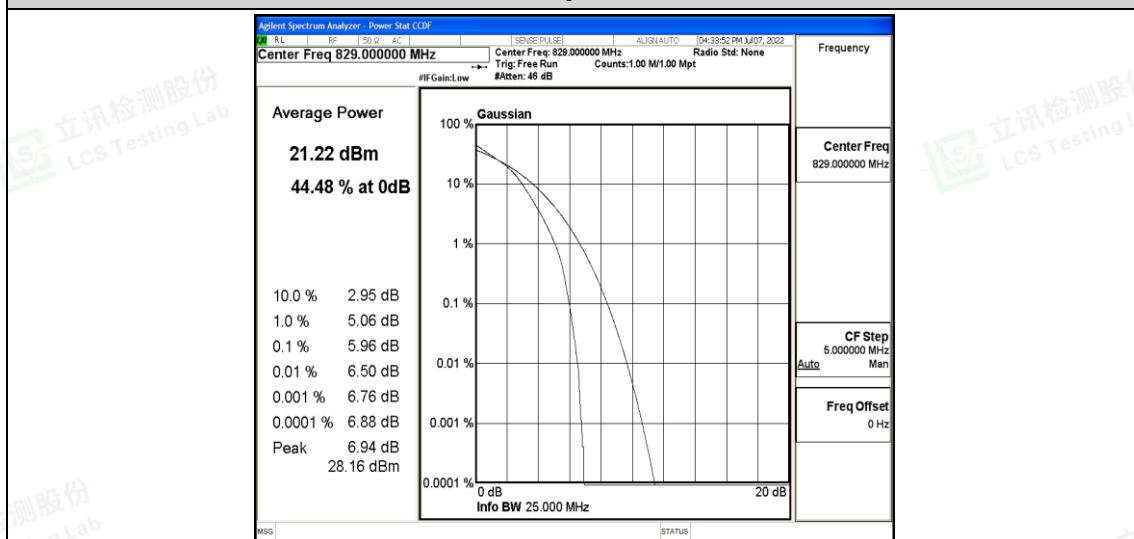




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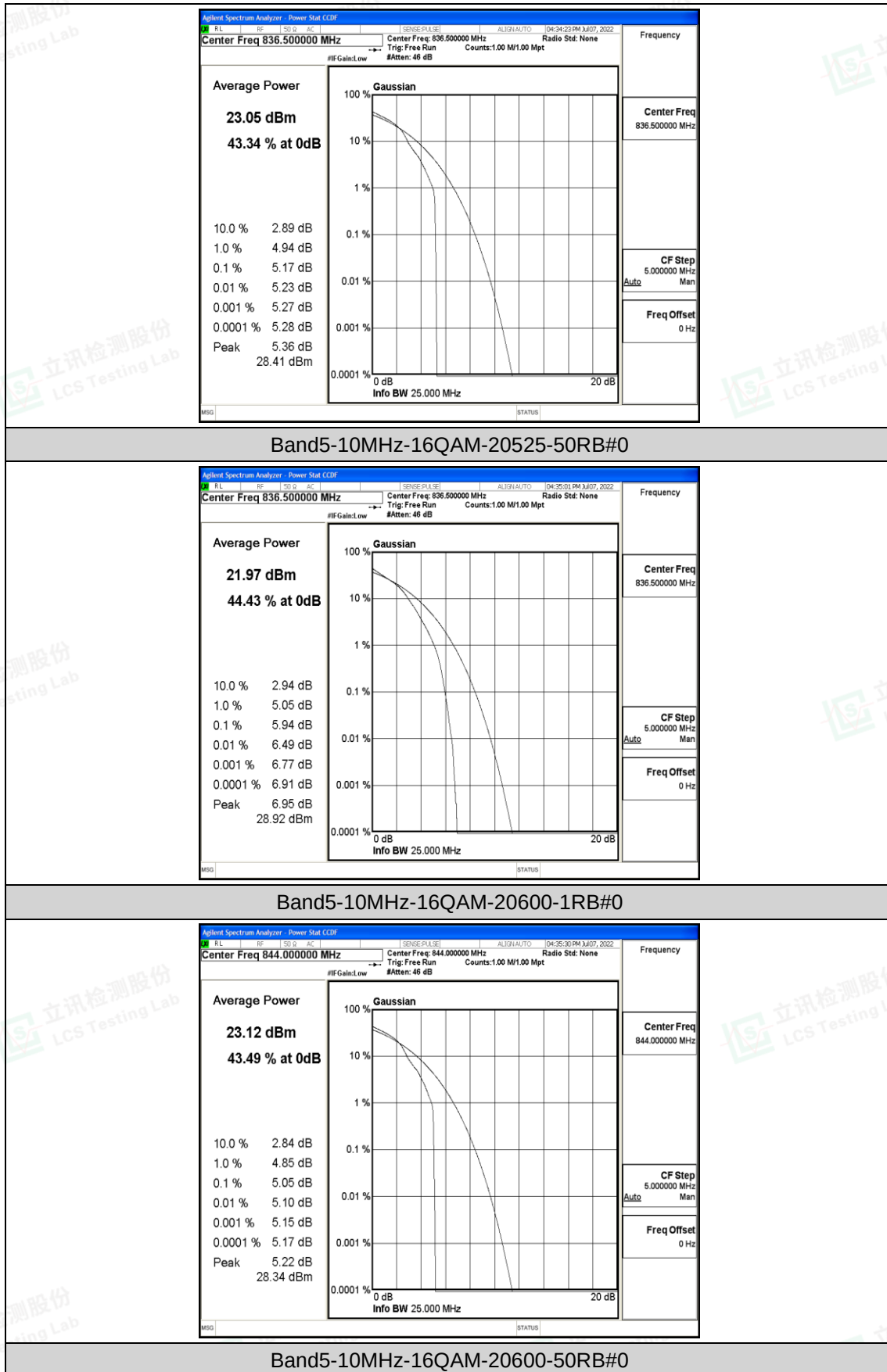


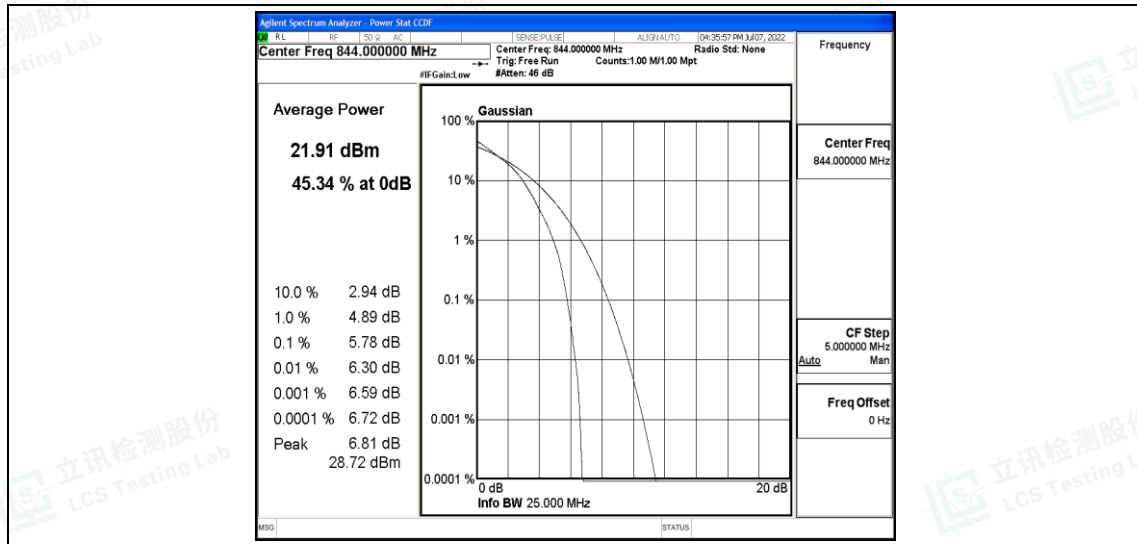
Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-1RB#0









F.3 26dB Bandwidth and Occupied Bandwidth

Test Result

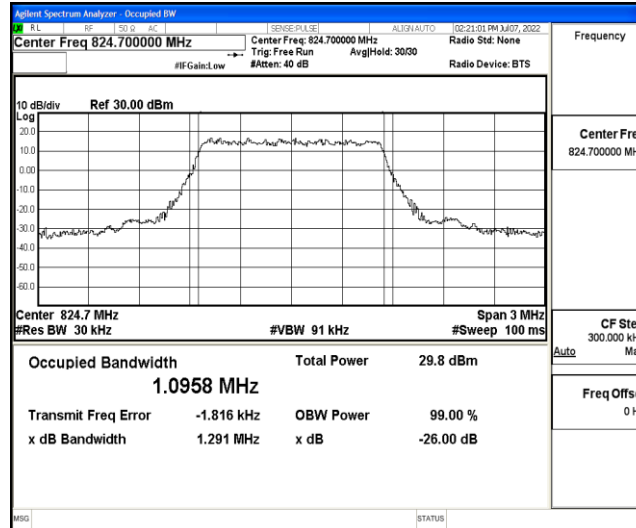
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0958	1.291	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0960	1.295	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0929	1.276	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0941	1.294	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0962	1.299	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0887	1.281	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6897	2.959	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6949	2.979	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6926	2.942	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6880	2.949	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6893	2.960	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6929	2.981	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5098	5.033	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5196	5.003	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5026	4.944	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5129	4.993	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5047	4.977	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5040	5.020	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9753	9.928	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9754	9.947	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9467	9.819	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9750	9.801	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9668	9.903	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9503	9.832	PASS



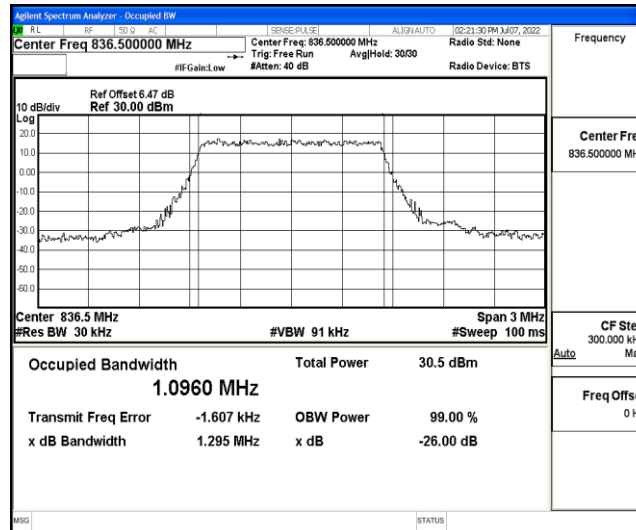


Test Graphs

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

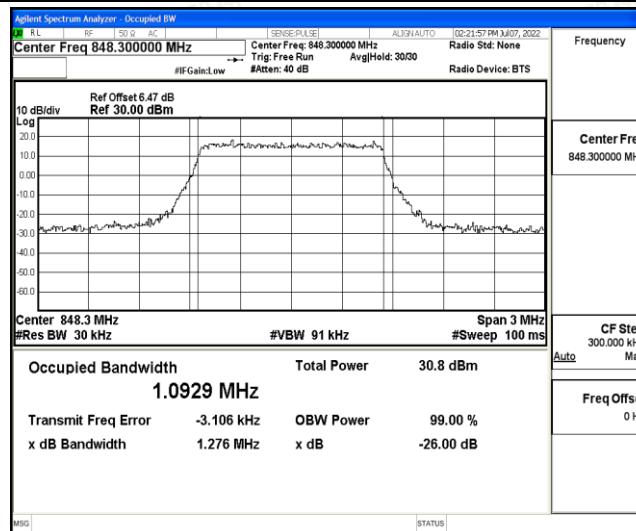


Band5-1.4MHz-QPSK-20525-6RB#0

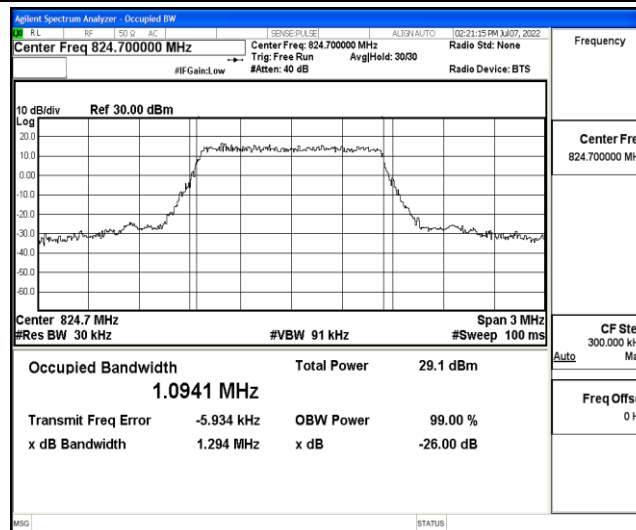


Band5-1.4MHz-QPSK-20643-6RB#0

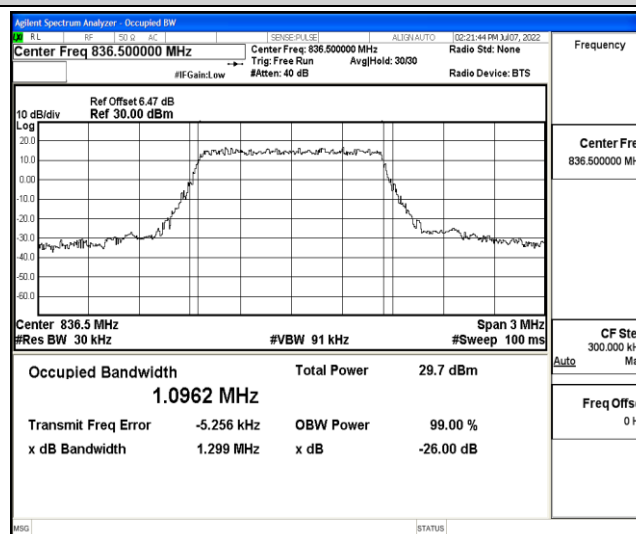




Band5-1.4MHz-16QAM-20407-6RB#0



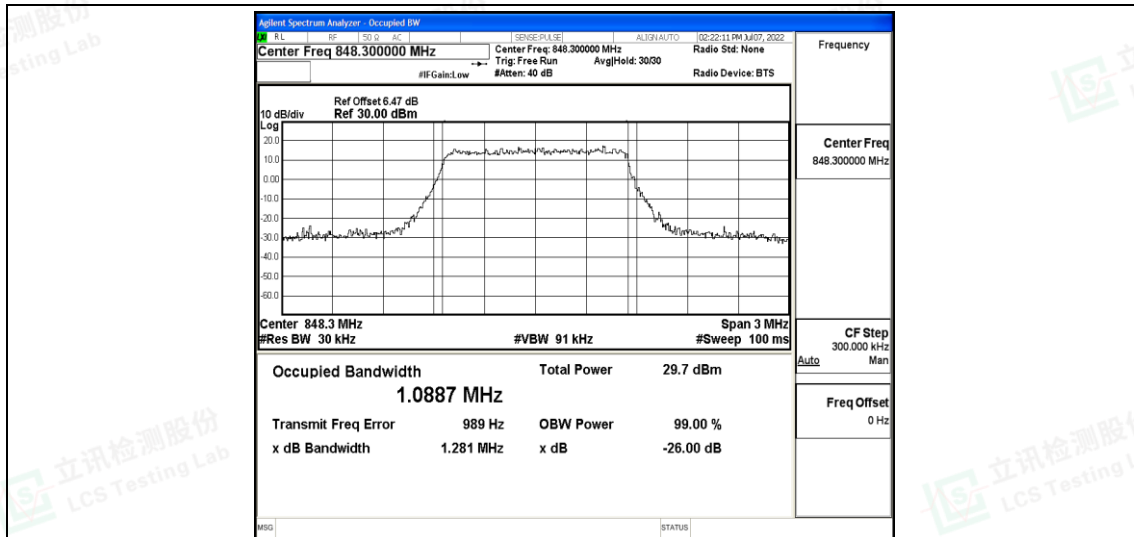
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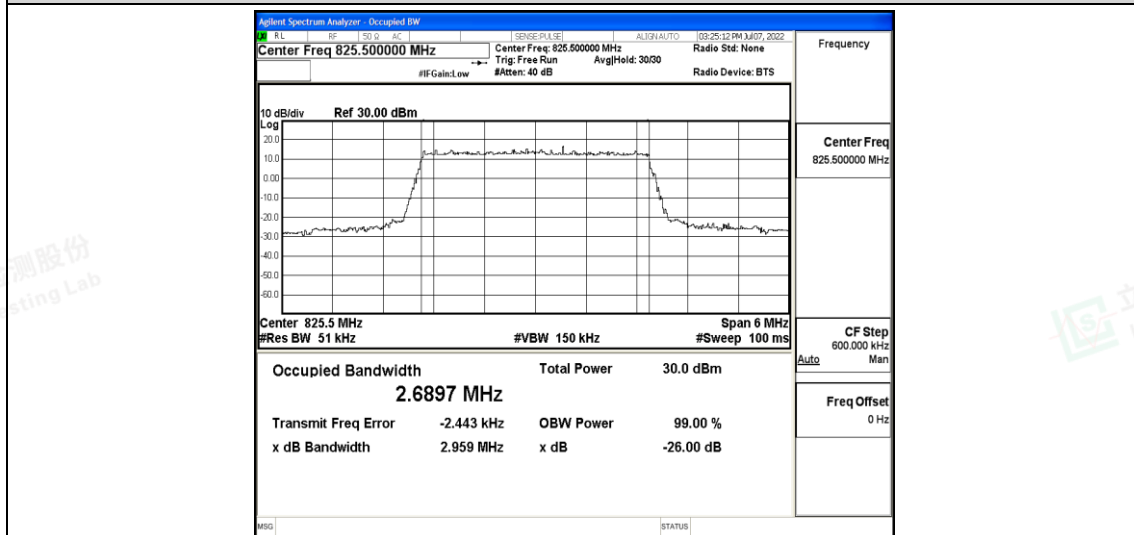
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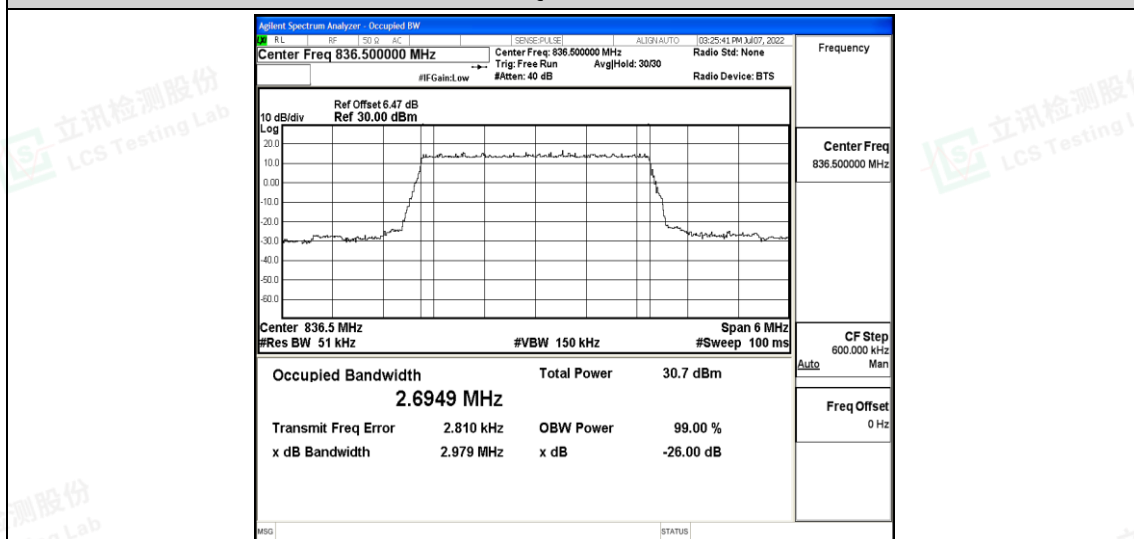
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Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20525-15RB#0



Band5-3MHz-QPSK-20635-15RB#0

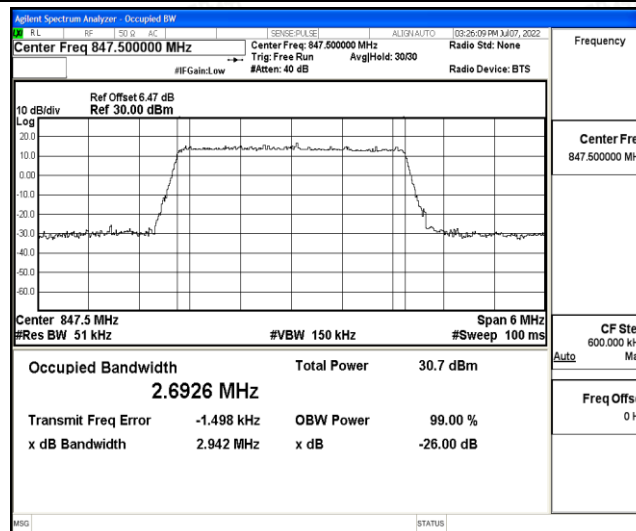


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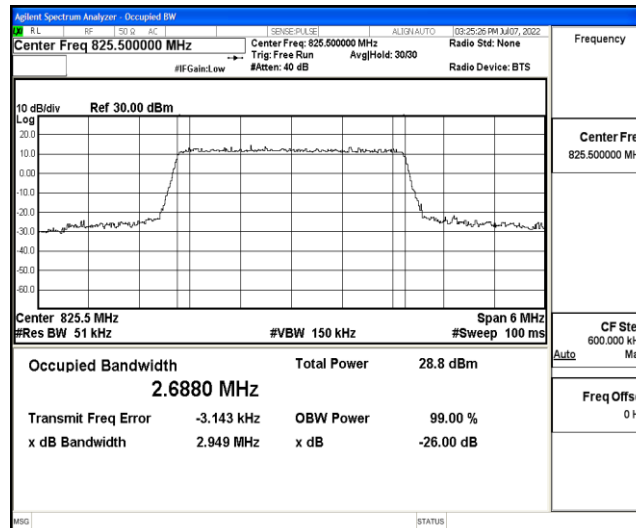
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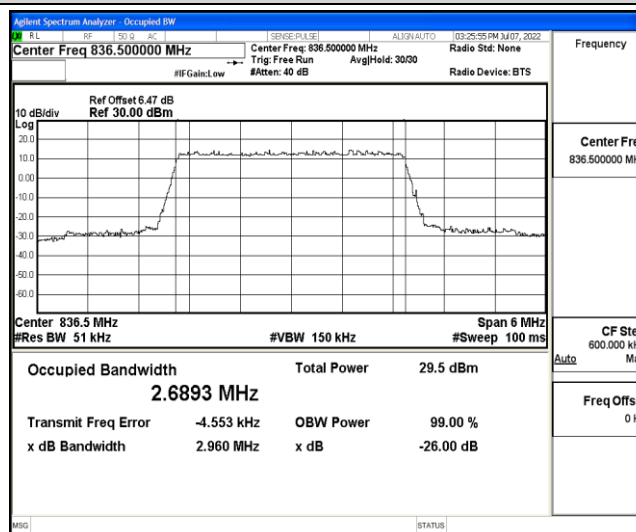
Scan code to check authenticity



Band5-3MHz-16QAM-20415-15RB#0



Band5-3MHz-16QAM-20525-15RB#0



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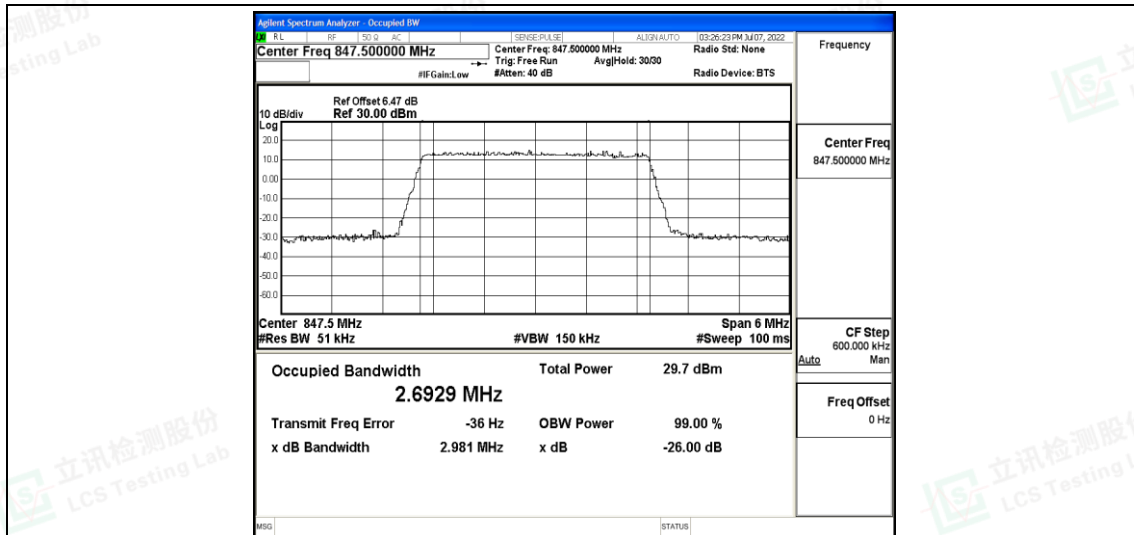


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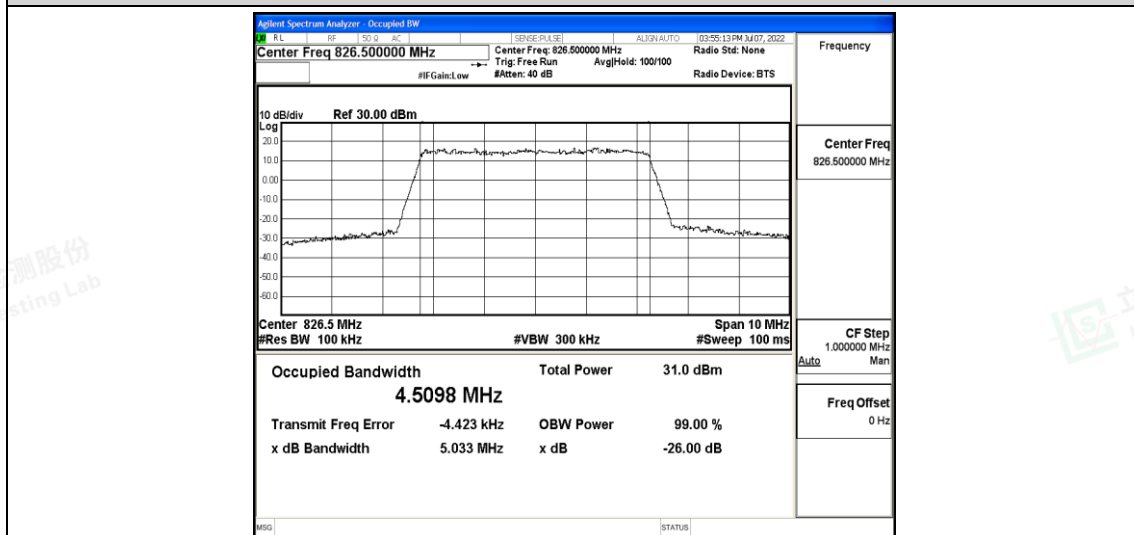
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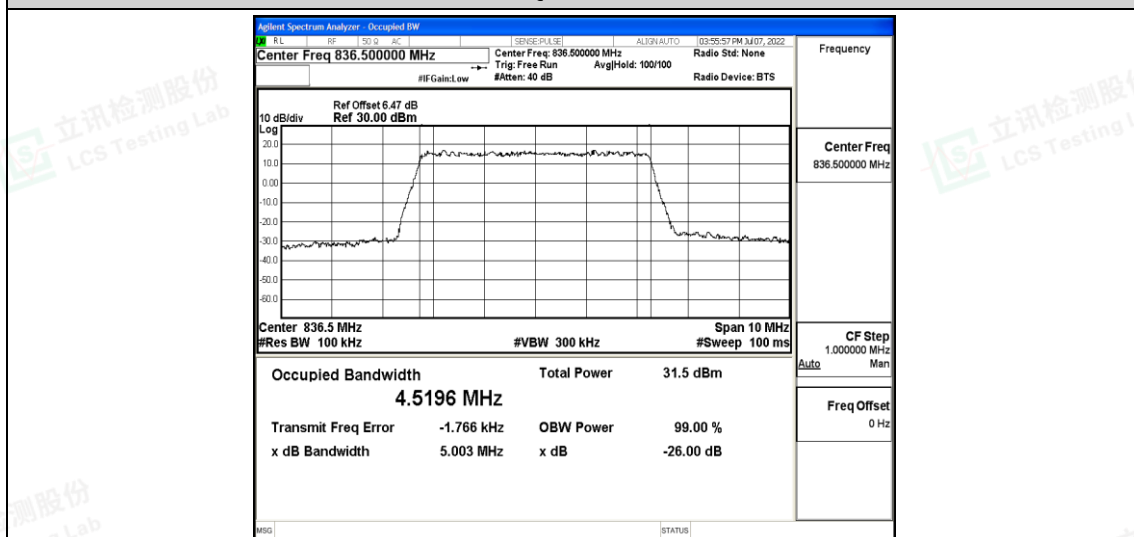
Scan code to check authenticity



Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20525-25RB#0



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

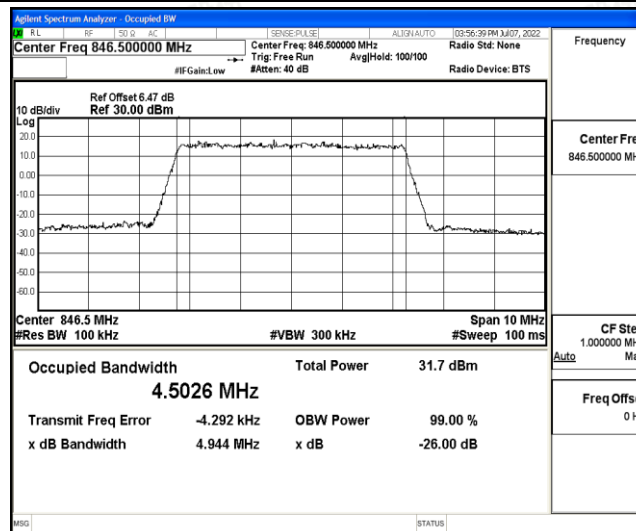


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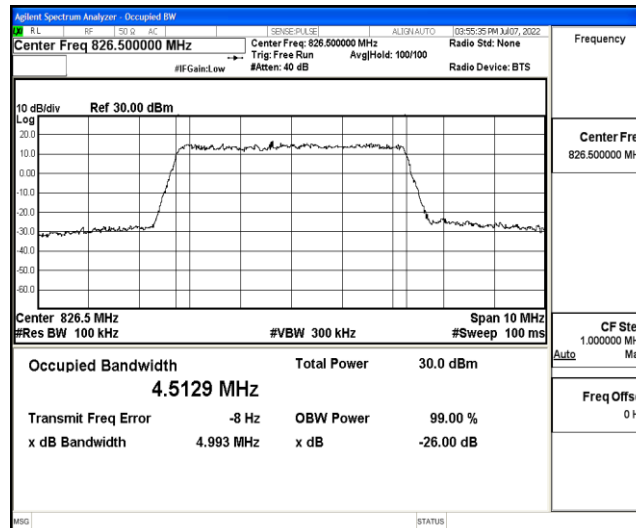
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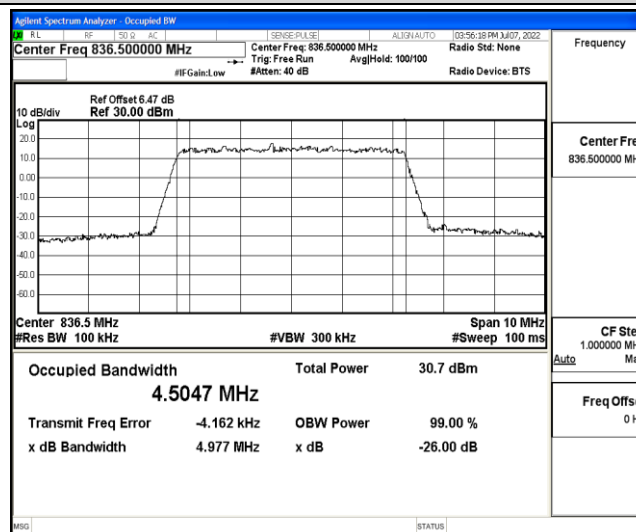
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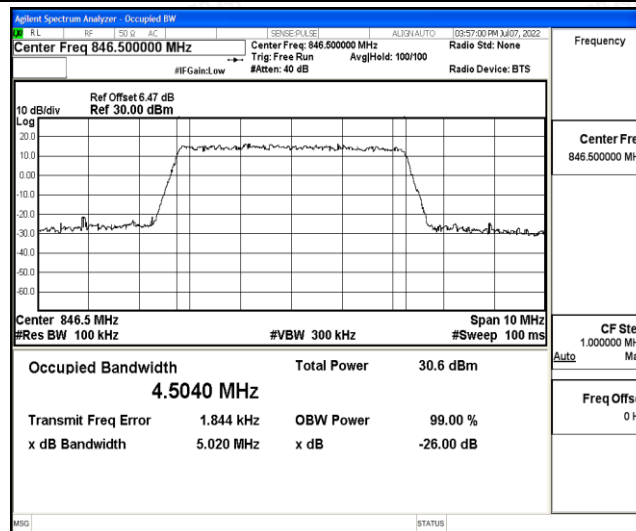


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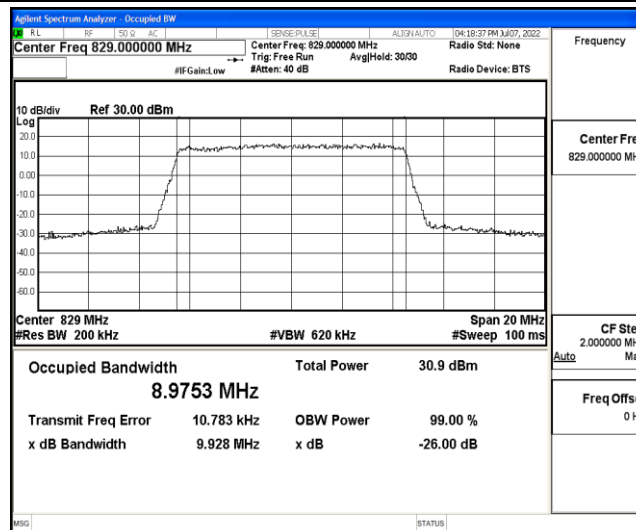
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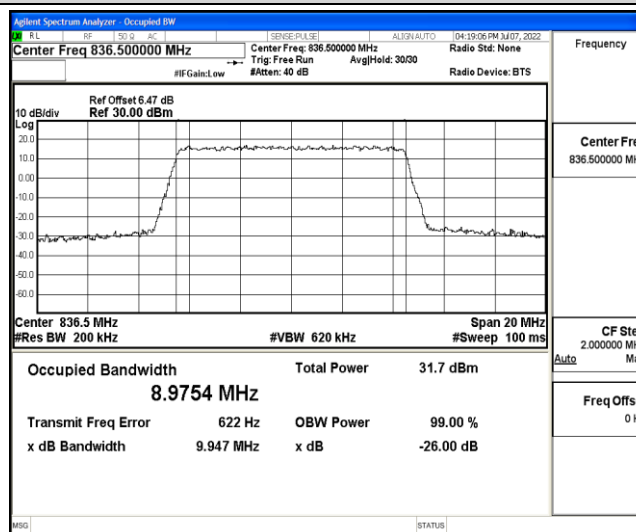
Scan code to check authenticity



Band5-10MHz-QPSK-20450-50RB#0

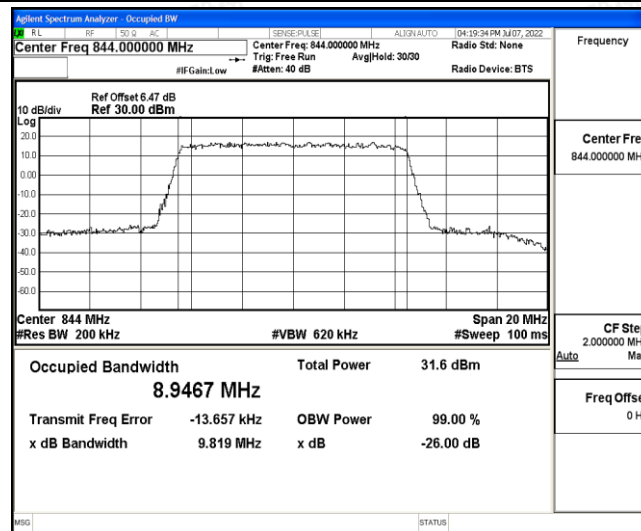


Band5-10MHz-QPSK-20525-50RB#0

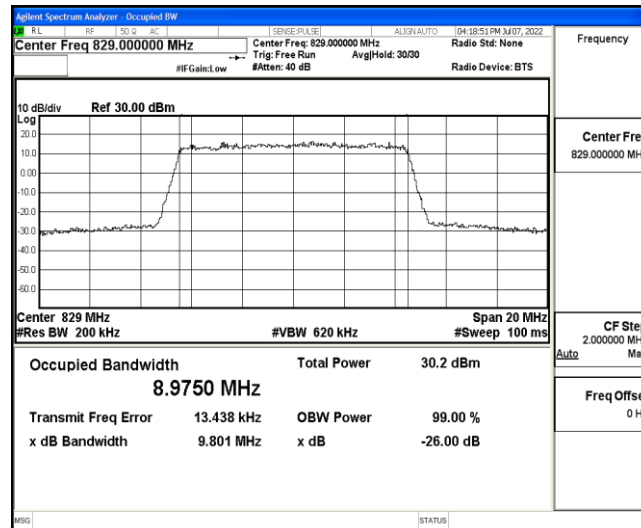


Band5-10MHz-QPSK-20600-50RB#0

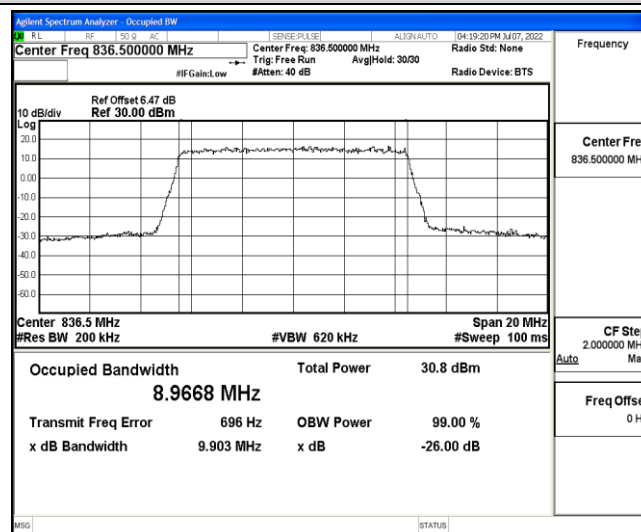




Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0

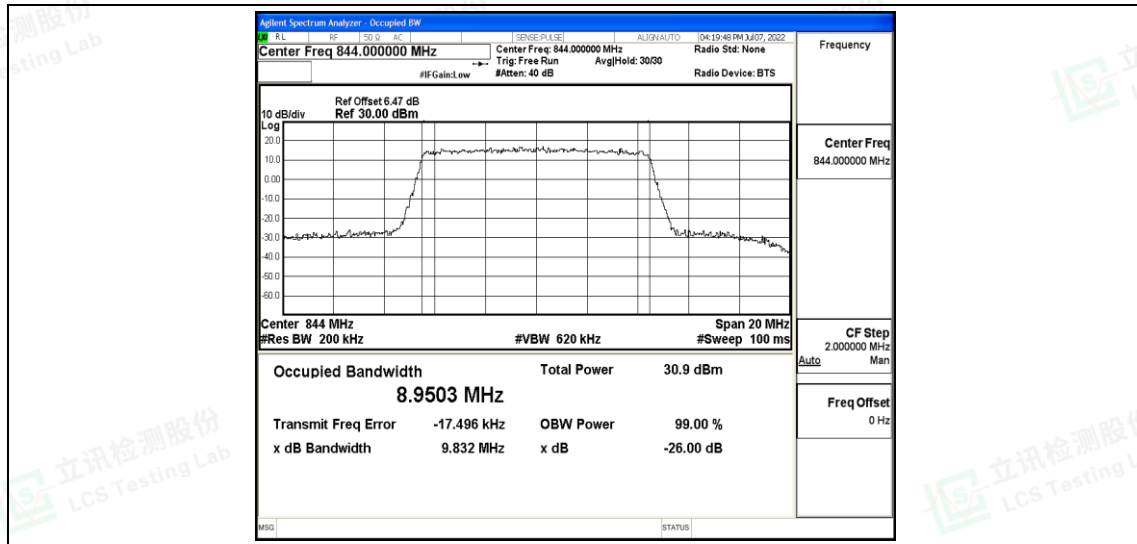


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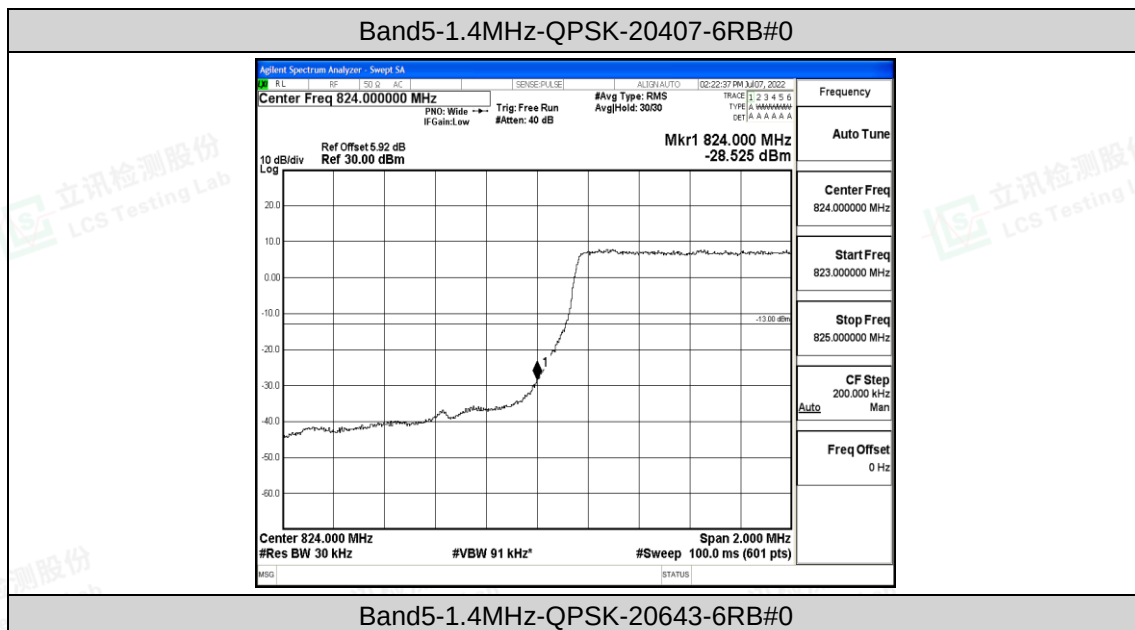


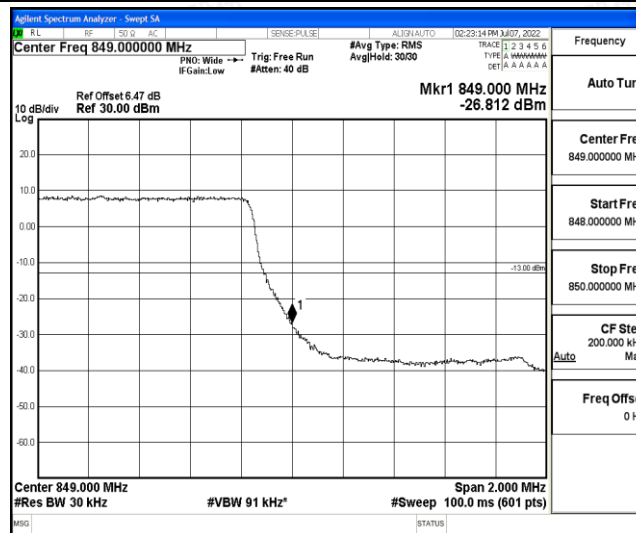
F.4 Band Edge

Test Result

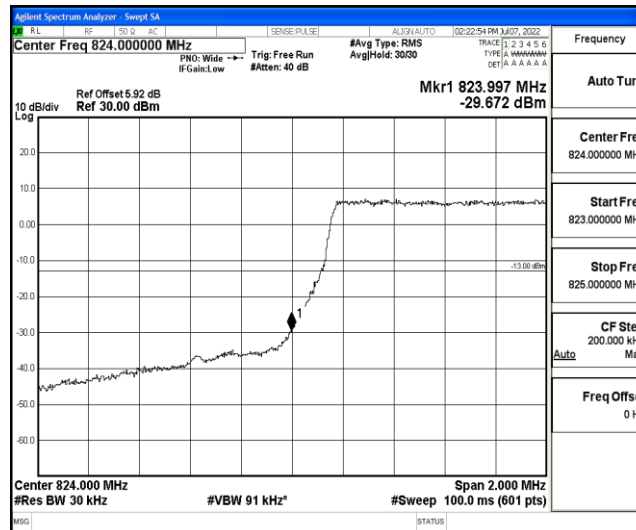
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-28.52	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-26.81	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-29.67	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-27.81	PASS
Band5	3MHz	QPSK	20415	15RB#0	-25.20	PASS
Band5	3MHz	QPSK	20635	15RB#0	-26.36	PASS
Band5	3MHz	16QAM	20415	15RB#0	-26.98	PASS
Band5	3MHz	16QAM	20635	15RB#0	-26.67	PASS
Band5	5MHz	QPSK	20425	25RB#0	-26.00	PASS
Band5	5MHz	QPSK	20625	25RB#0	-25.75	PASS
Band5	5MHz	16QAM	20425	25RB#0	-26.92	PASS
Band5	5MHz	16QAM	20625	25RB#0	-26.36	PASS
Band5	10MHz	QPSK	20450	50RB#0	-28.89	PASS
Band5	10MHz	QPSK	20600	50RB#0	-29.38	PASS
Band5	10MHz	16QAM	20450	50RB#0	-30.78	PASS
Band5	10MHz	16QAM	20600	50RB#0	-30.49	PASS

Test Graphs

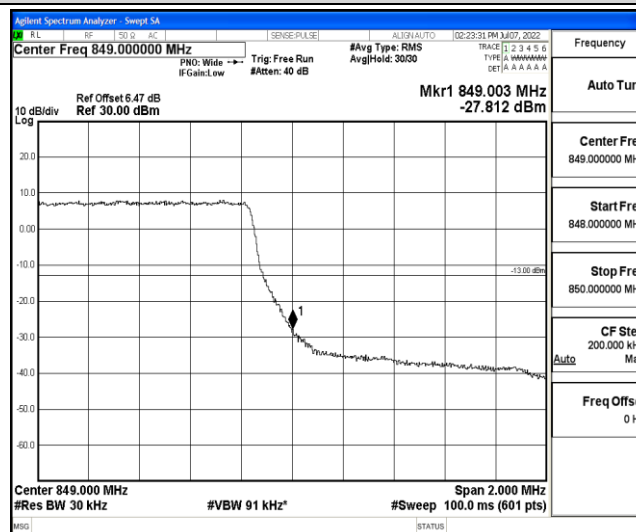




Band5-1.4MHz-16QAM-20407-6RB#0



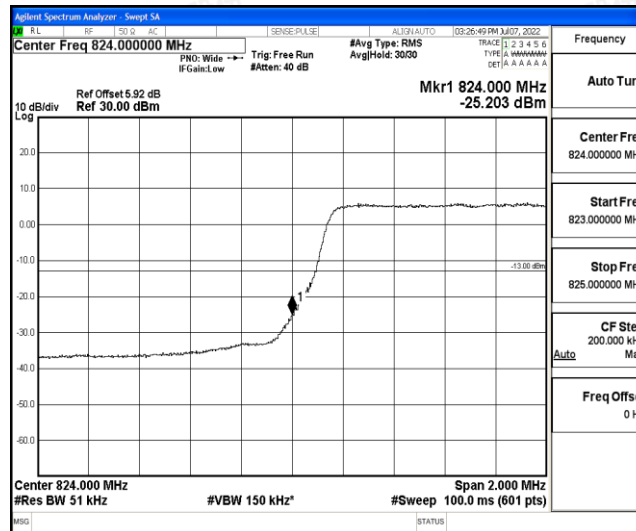
Band5-1.4MHz-16QAM-20643-6RB#0



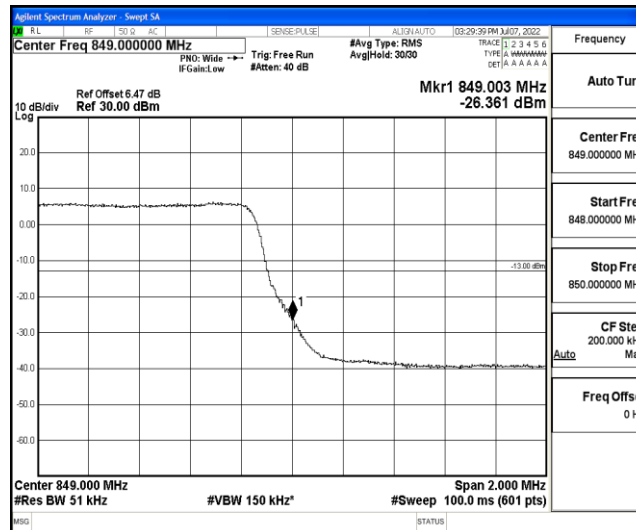
Band5-3MHz-QPSK-20415-15RB#0



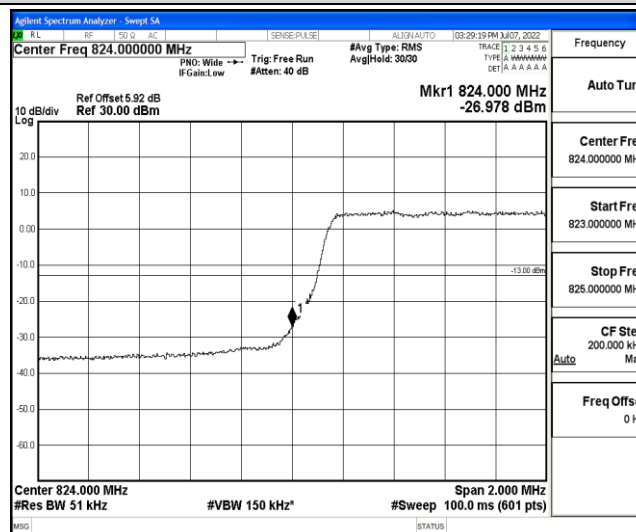
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Band5-3MHz-QPSK-20635-15RB#0

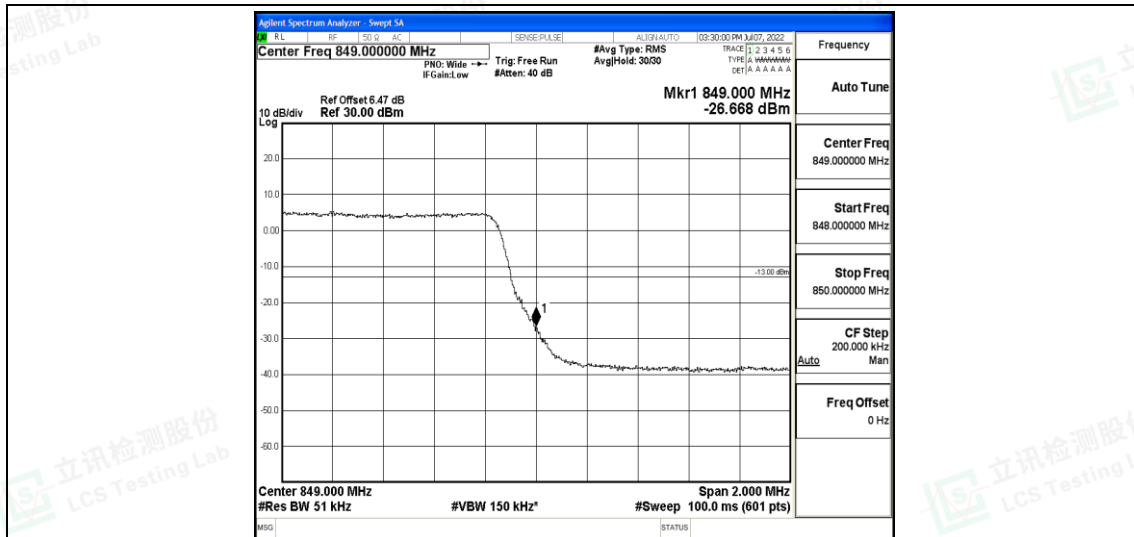


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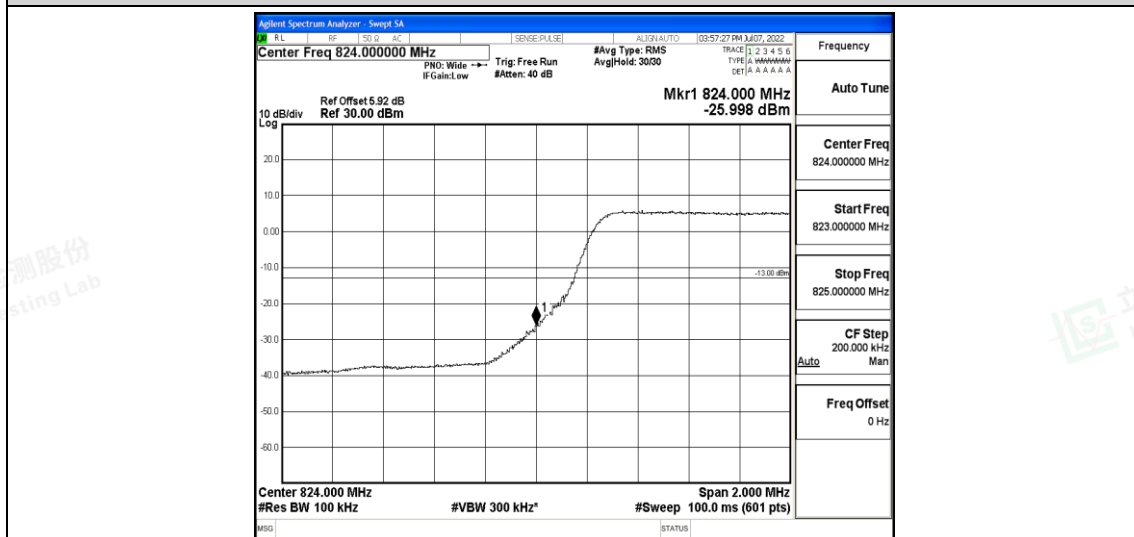


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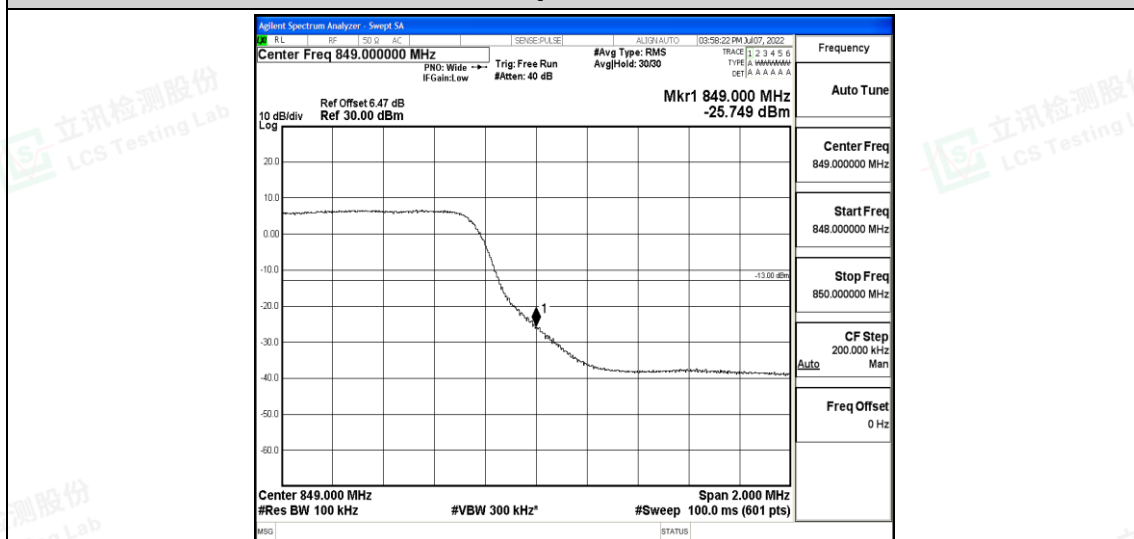




Band5-5MHz-QPSK-20425-25RB#0



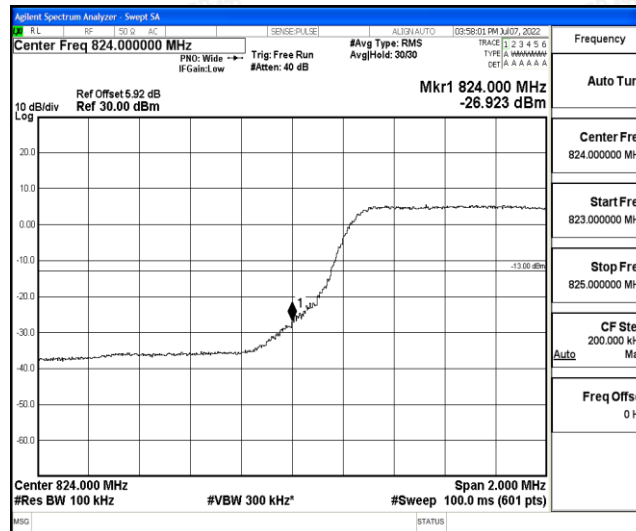
Band5-5MHz-QPSK-20625-25RB#0



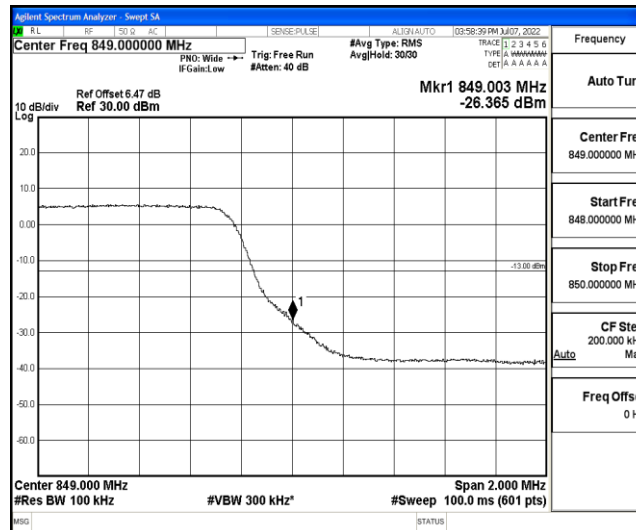
Band5-5MHz-16QAM-20425-25RB#0



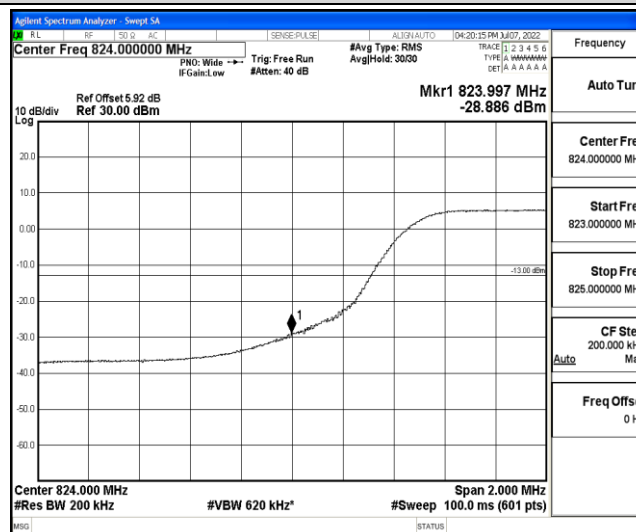
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Band5-5MHz-16QAM-20625-25RB#0

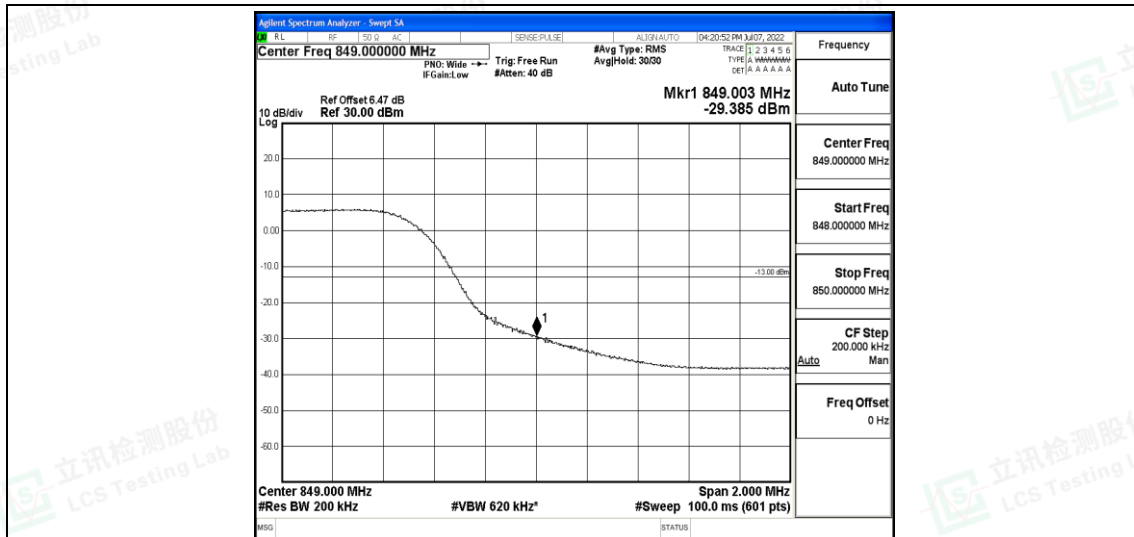


Band5-10MHz-QPSK-20450-50RB#0

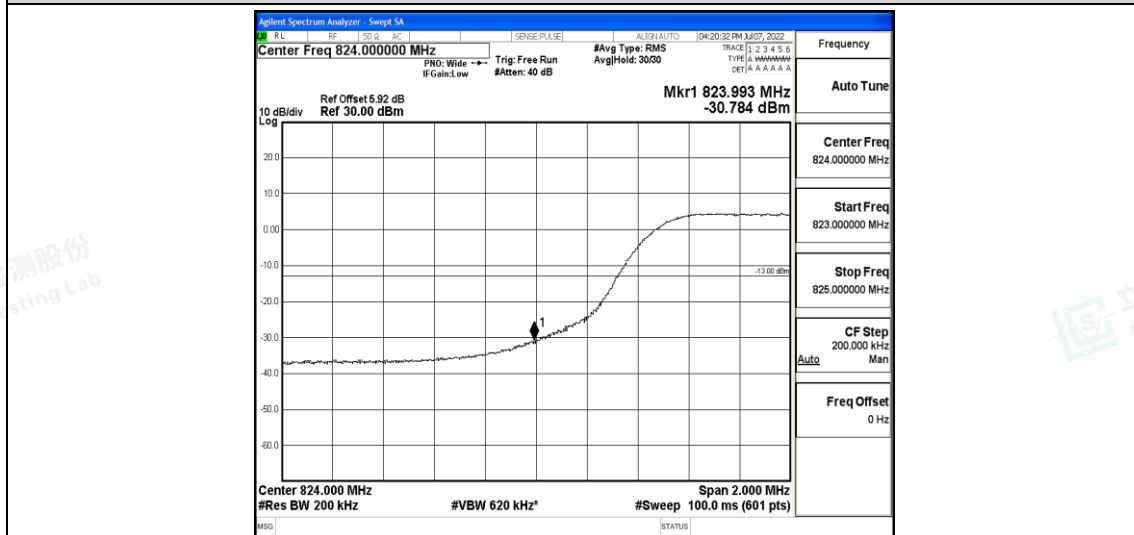


Band5-10MHz-QPSK-20600-50RB#0

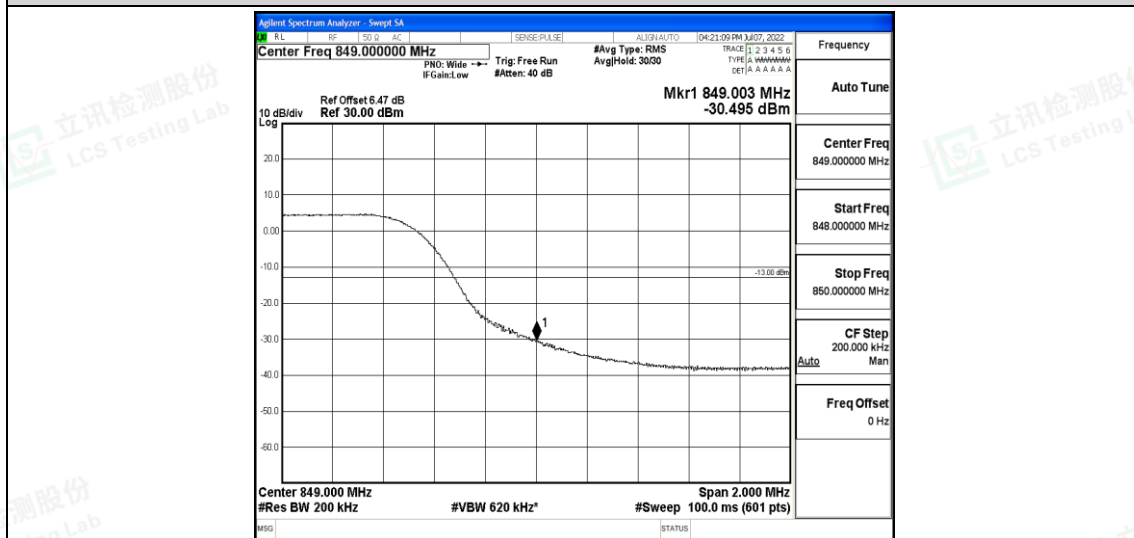




Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20600-50RB#0





F.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:0.009~0.15MHz	-54.87	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:0.15~30MHz	-52.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range3:30~1000MHz	-41.04	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range4:1000~10000MHz	-45.1	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-54.82	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-52.02	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.79	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:0.009~0.15MHz	-54.06	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:0.15~30MHz	-50.65	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range3:30~1000MHz	-40.85	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range4:1000~10000MHz	-45.1	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:0.009~0.15MHz	-56.59	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:0.15~30MHz	-51.59	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range3:30~1000MHz	-41.43	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.28	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-48.24	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-41.16	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:0.009~0.15MHz	-54.22	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:0.15~30MHz	-49.91	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range3:30~1000MHz	-41.15	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range4:1000~10000MHz	-45.09	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:0.009~0.15MHz	-54.8	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:0.15~30MHz	-49.14	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range3:30~1000MHz	-40.93	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range4:1000~10000MHz	-45.14	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.23	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-49.82	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.51	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:0.009~0.15MHz	-53.99	PASS



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Band5	3MHz	QPSK	20635	1RB#0	Range2:0.15~30MHz	-50.6	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range3:30~1000MHz	-41.33	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range4:1000~10000MHz	-45.06	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:0.009~0.15MHz	-54.78	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:0.15~30MHz	-48.7	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range3:30~1000MHz	-41.37	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range4:1000~10000MHz	-45.04	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.38	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-51.25	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.74	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-45.14	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:0.009~0.15MHz	-55.39	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:0.15~30MHz	-51.15	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range3:30~1000MHz	-40.66	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range4:1000~10000MHz	-45	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:0.009~0.15MHz	-56.6	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:0.15~30MHz	-49.38	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range3:30~1000MHz	-40.79	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.04	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.58	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.42	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-45.09	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:0.009~0.15MHz	-57.11	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:0.15~30MHz	-50.66	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range3:30~1000MHz	-41.15	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range4:1000~10000MHz	-45.06	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:0.009~0.15MHz	-54.65	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:0.15~30MHz	-51.22	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range3:30~1000MHz	-40.63	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range4:1000~10000MHz	-45.05	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-56.5	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-50.06	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-41.38	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-45.05	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:0.009~0.15MHz	-54.11	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:0.15~30MHz	-51.94	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range3:30~1000MHz	-39.82	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range4:1000~10000MHz	-44.98	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:0.009~0.15MHz	-55.61	PASS



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Band5	10MHz	QPSK	20450	1RB#0	Range2:0.15~30MHz	-52.63	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range3:30~1000MHz	-41.72	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range4:1000~10000MHz	-45.12	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-54.53	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-50.65	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.66	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-45.06	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:0.009~0.15MHz	-53.87	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:0.15~30MHz	-52.58	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range3:30~1000MHz	-40.95	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range4:1000~10000MHz	-44.99	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:0.009~0.15MHz	-55.76	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:0.15~30MHz	-51.94	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range3:30~1000MHz	-41.13	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range4:1000~10000MHz	-44.99	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.21	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-52.22	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-41.26	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-45.1	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:0.009~0.15MHz	-55.28	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:0.15~30MHz	-50.96	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range3:30~1000MHz	-41.31	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range4:1000~10000MHz	-44.96	PASS

Test Graphs

