



Appendix H: Test Data for E-UTRA Band 5

Product Name: SMARTPHONE

Test Model: SP-7275

Environmental Conditions

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



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H.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.54	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.67	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.51	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.62	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.78	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.11	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.54	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.20	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.53	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.34	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.58	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	23.22	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.82	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.32	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.73	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.47	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.86	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.39	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.85	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.52	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.77	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	23.26	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.79	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	23.02	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.77	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	23.05	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.00	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.35	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.11	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.14	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.39	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.32	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	21.42	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.40	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.13	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.58	PASS



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Band5	1.4MHz	QPSK	20643	3RB#1	23.17	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.57	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	21.80	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.64	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.47	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.12	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.30	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.77	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.39	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.78	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.36	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.85	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.57	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.20	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.58	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.21	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.64	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.11	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.55	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.95	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.46	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.30	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.55	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.33	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.77	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.17	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.76	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.35	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.75	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.24	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.85	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.39	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.72	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.98	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.35	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.25	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.20	PASS
Band5	3MHz	QPSK	20635	1RB#14	21.27	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.15	PASS



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Band5	3MHz	QPSK	20635	8RB#0	22.72	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.26	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.80	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.26	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.49	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.05	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.61	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.12	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.39	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.26	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.46	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.27	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.57	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.19	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.55	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.01	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.55	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.85	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.70	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.99	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.65	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.16	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.30	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.47	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.32	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.47	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.49	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.54	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.71	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.25	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.74	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.13	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.69	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.11	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.89	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.04	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.57	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.95	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.44	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.88	PASS



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Band5	5MHz	QPSK	20625	1RB#24	21.90	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.60	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.77	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.24	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.91	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.10	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.68	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.02	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.72	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.34	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.38	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.92	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.44	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.95	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.42	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.02	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.58	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.96	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.54	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.96	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.56	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.94	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.55	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.00	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.53	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.06	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.66	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.16	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.69	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.21	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.68	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.26	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.65	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.35	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.88	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.34	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.77	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.09	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.63	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.69	PASS



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Band5	10MHz	QPSK	20600	1RB#24	23.56	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.59	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.60	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.30	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.01	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.39	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.75	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.37	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.83	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.36	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.78	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.34	PASS





H.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	4.80	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.17	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.62	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.22	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.57	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.52	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.46	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.98	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.37	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3.14	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3.29	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	4.42	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.91	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.61	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.73	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.39	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.62	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.11	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.50	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.14	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	3.63	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	3.58	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.44	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.12	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.03	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.76	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.75	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.34	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.85	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.27	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.60	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.19	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	3.93	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.33	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	2.32	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	3.33	13	PASS



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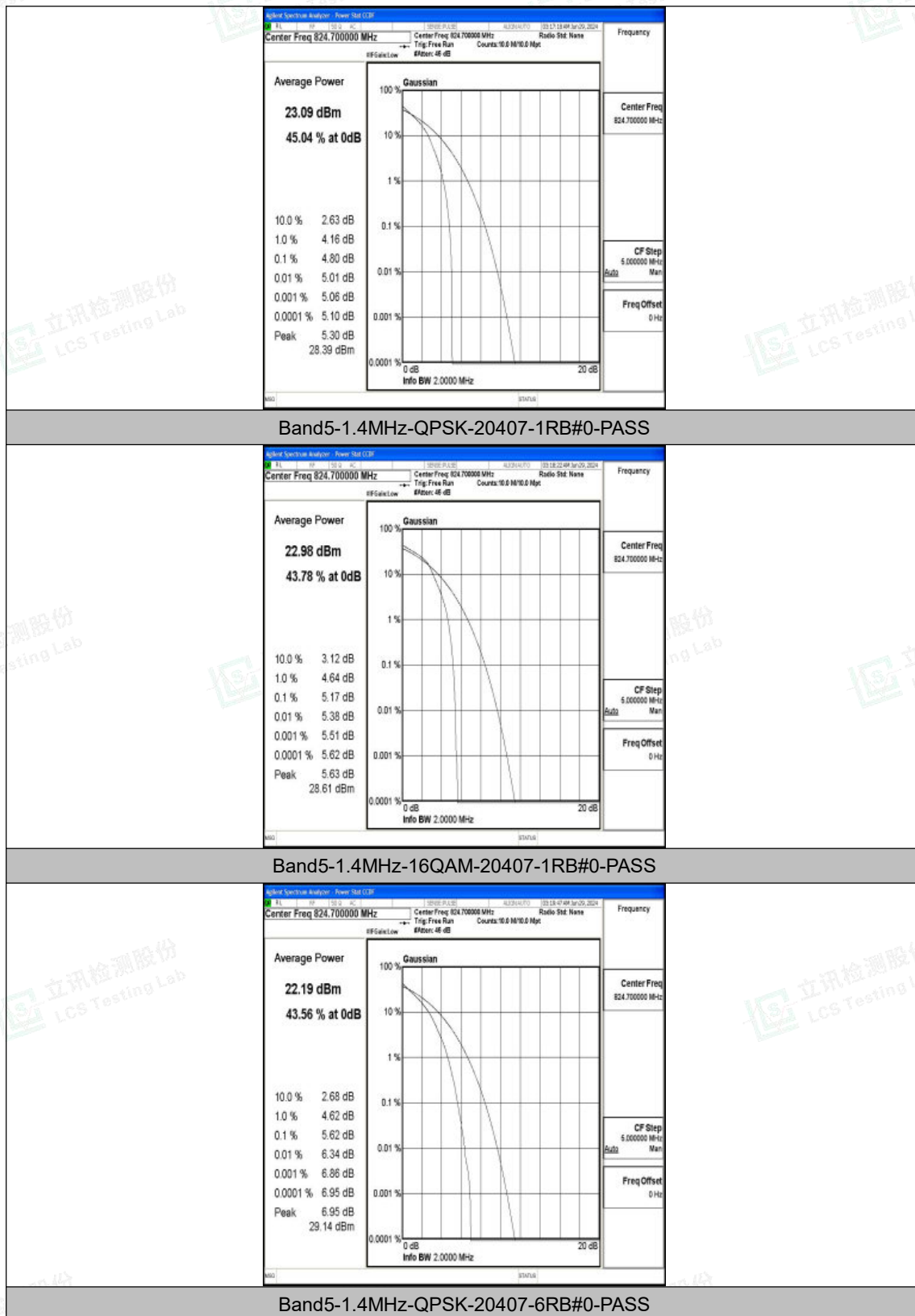


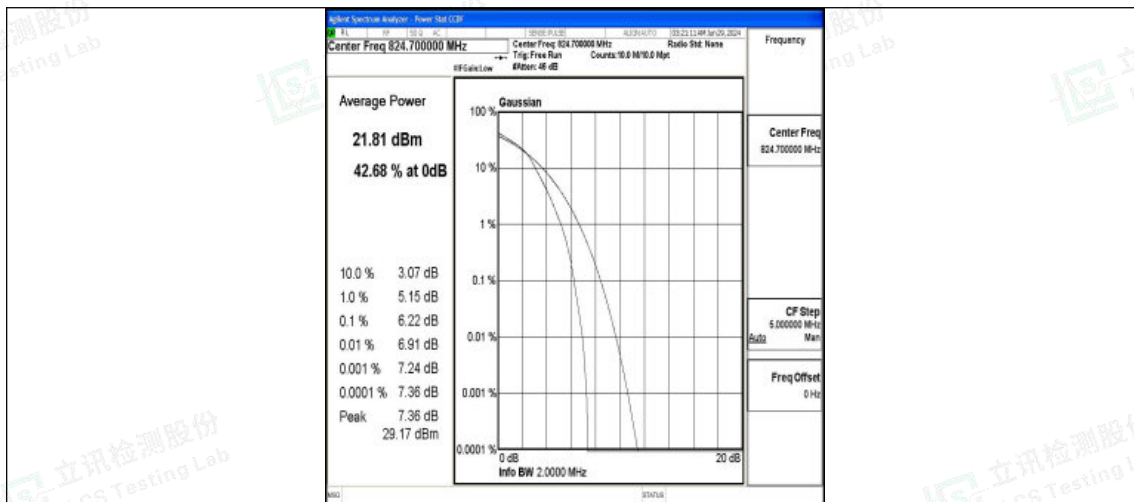
Band5	10MHz	QPSK	20450	50RB#0	5.32	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.08	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	3.83	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	4.85	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.77	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.49	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	3.04	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	4.15	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.82	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.69	13	PASS



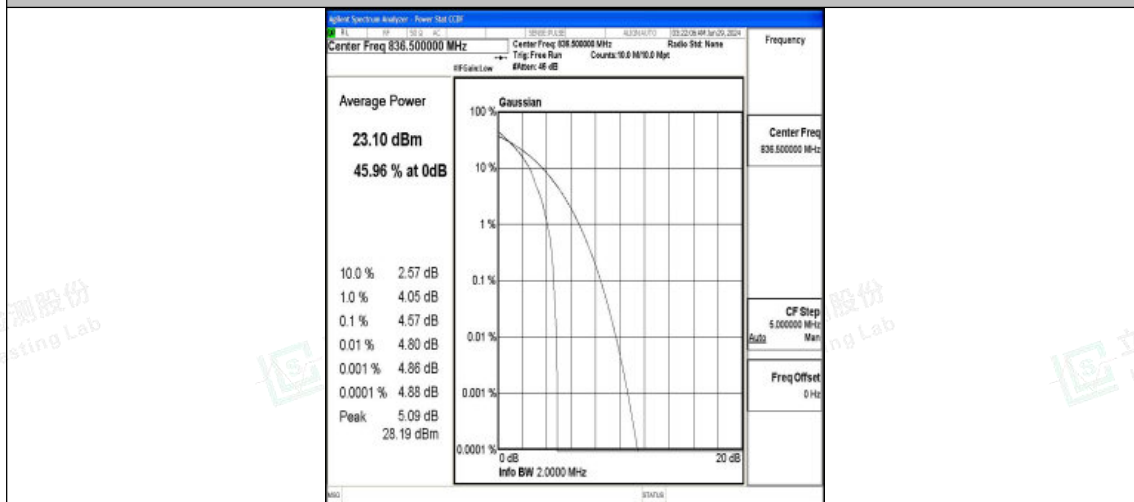


Test Graphs

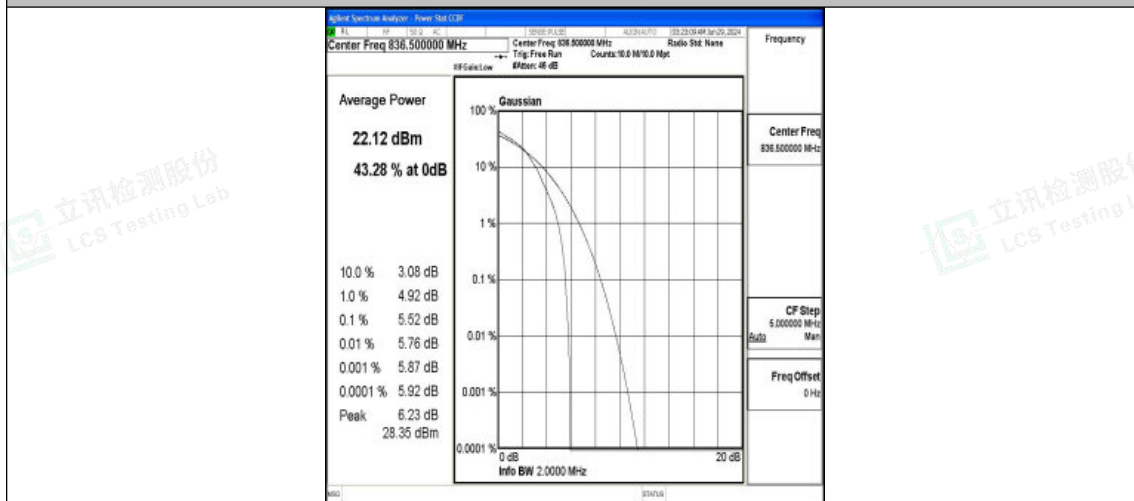




Band5-1.4MHz-16QAM-20407-6RB#0-PASS

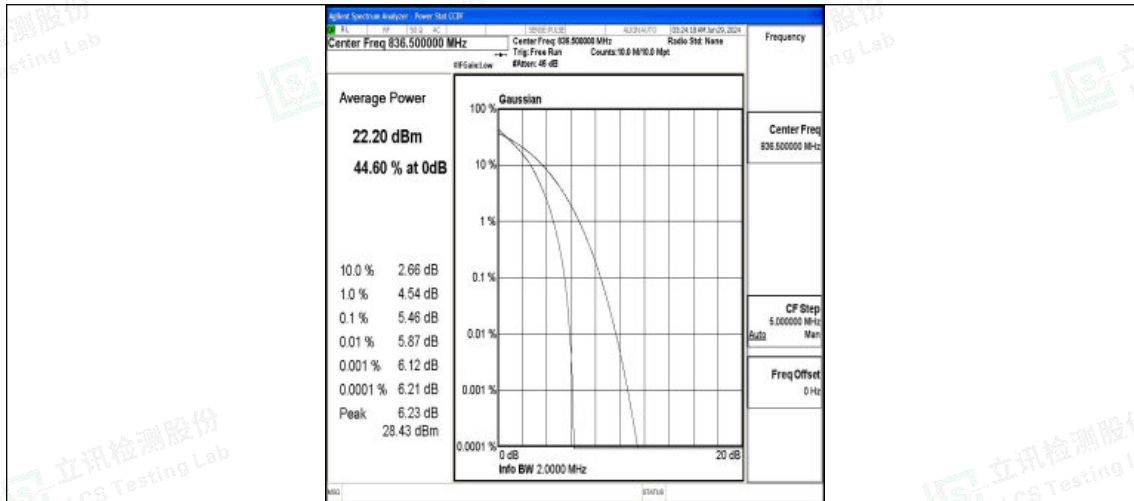


Band5-1.4MHz-QPSK-20525-1RB#0-PASS

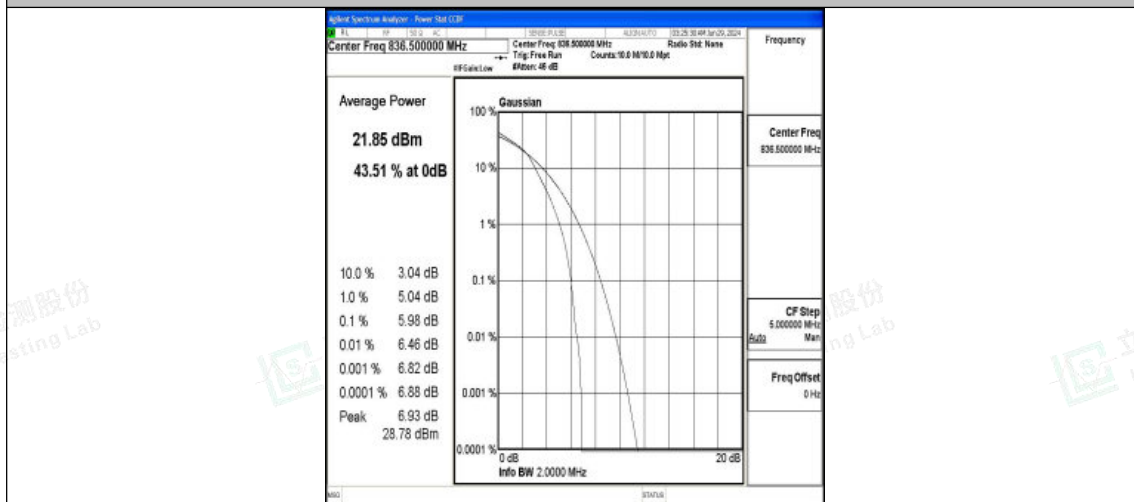


Band5-1.4MHz-16QAM-20525-1RB#0-PASS

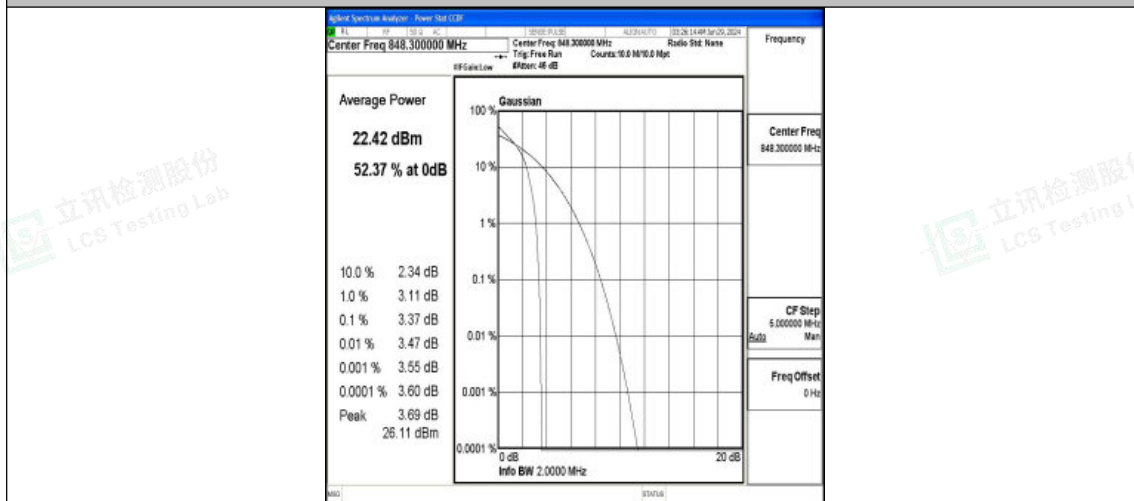




Band5-1.4MHz-QPSK-20525-6RB#0-PASS

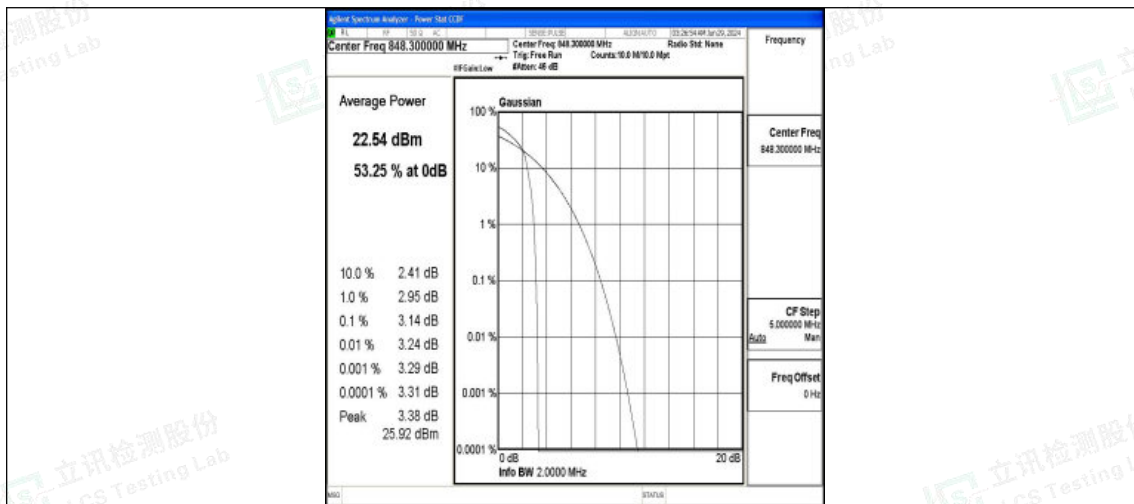


Band5-1.4MHz-16QAM-20525-6RB#0-PASS

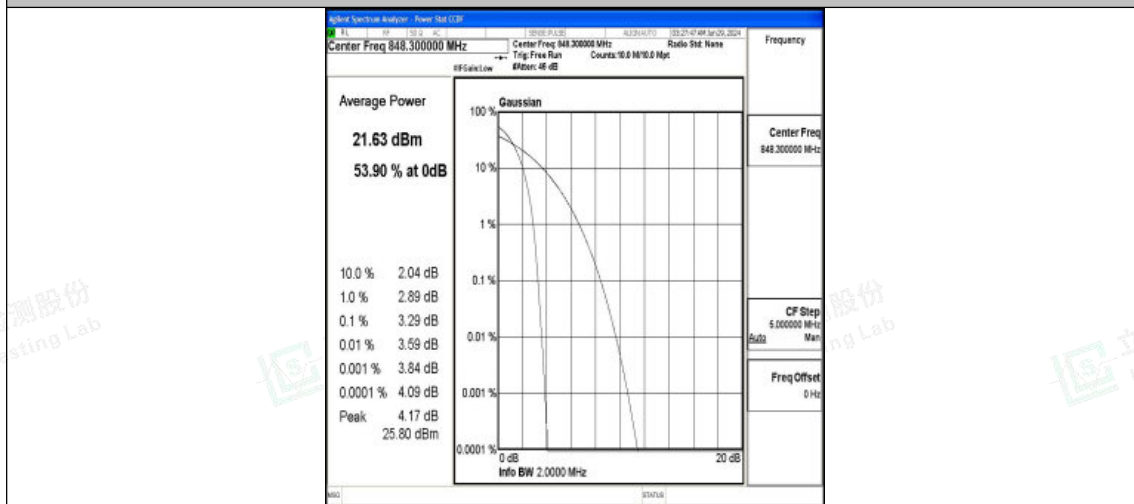


Band5-1.4MHz-QPSK-20643-1RB#0-PASS

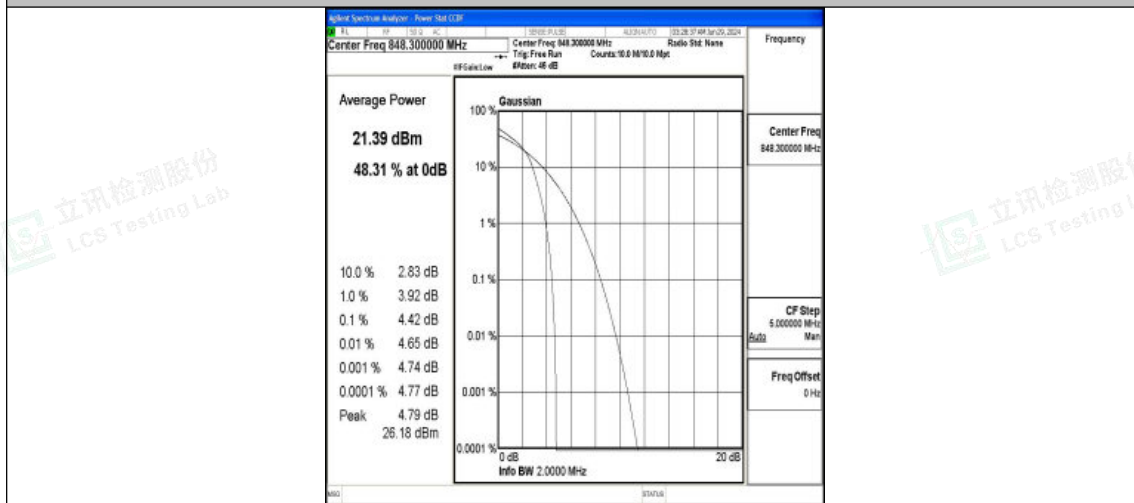




Band5-1.4MHz-16QAM-20643-1RB#0-PASS

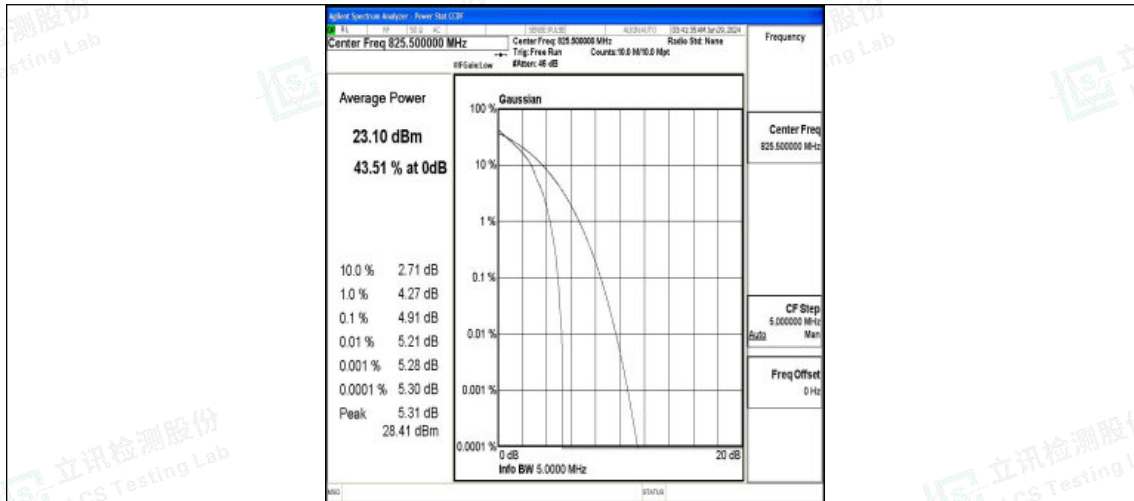


Band5-1.4MHz-QPSK-20643-6RB#0-PASS

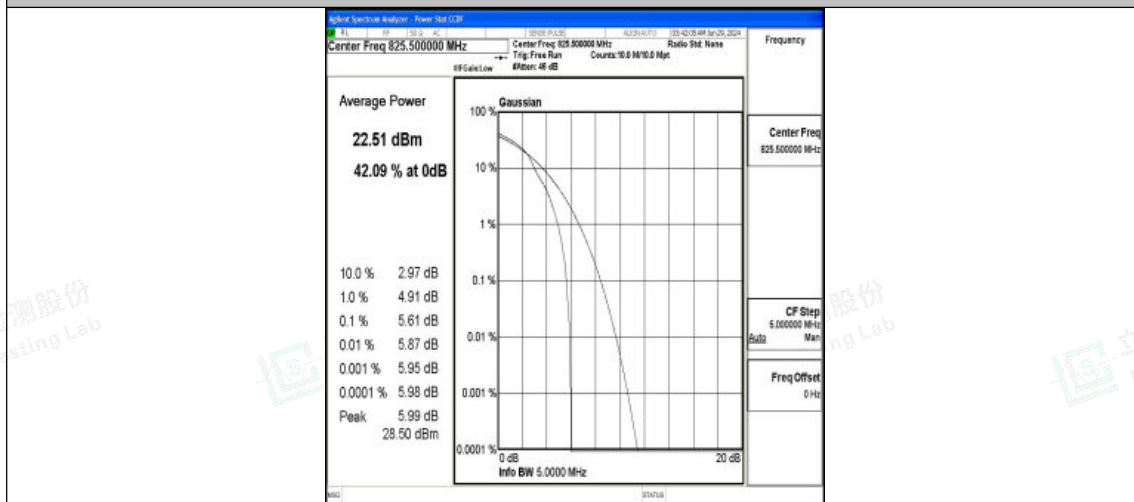


Band5-1.4MHz-16QAM-20643-6RB#0-PASS

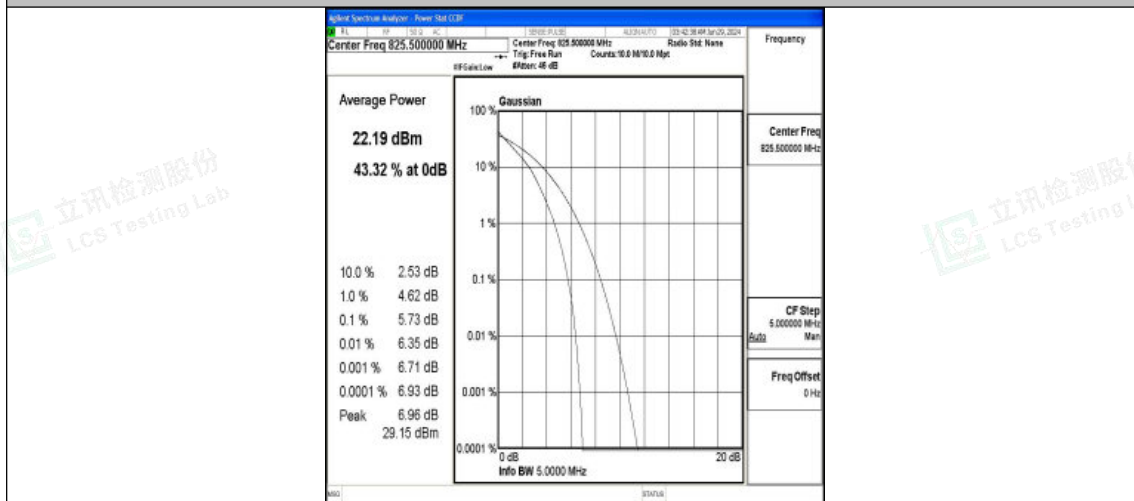




Band5-3MHz-QPSK-20415-1RB#0-PASS

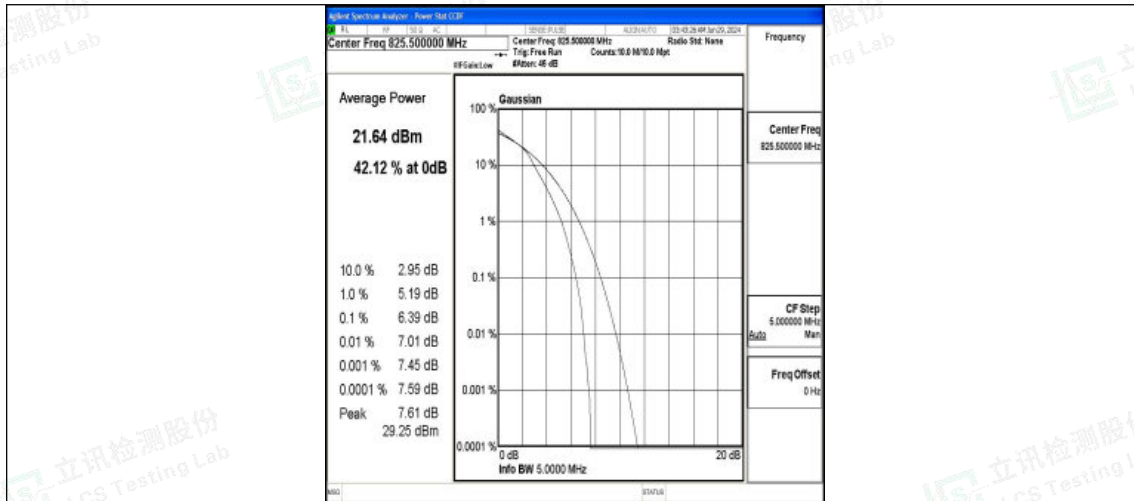


Band5-3MHz-16QAM-20415-1RB#0-PASS

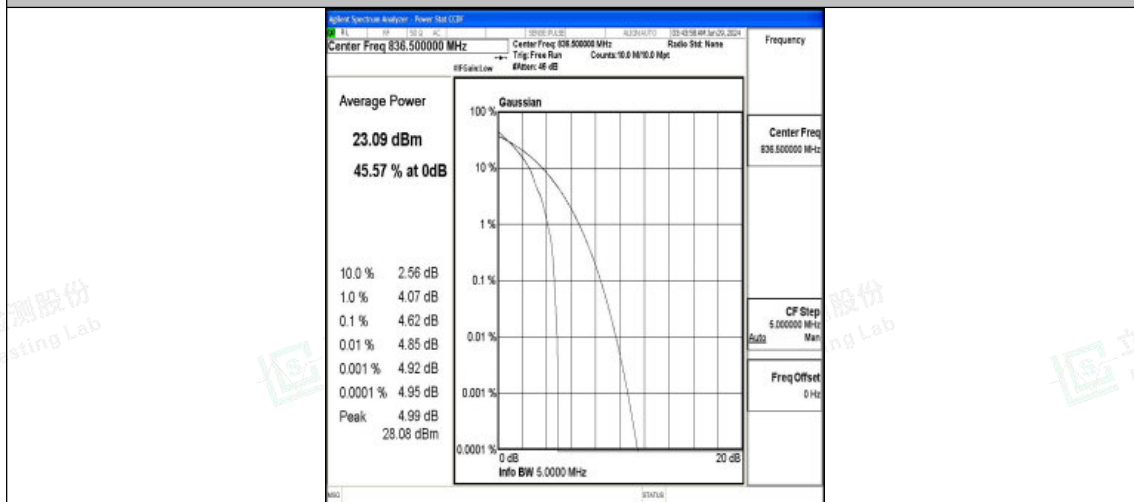


Band5-3MHz-QPSK-20415-15RB#0-PASS

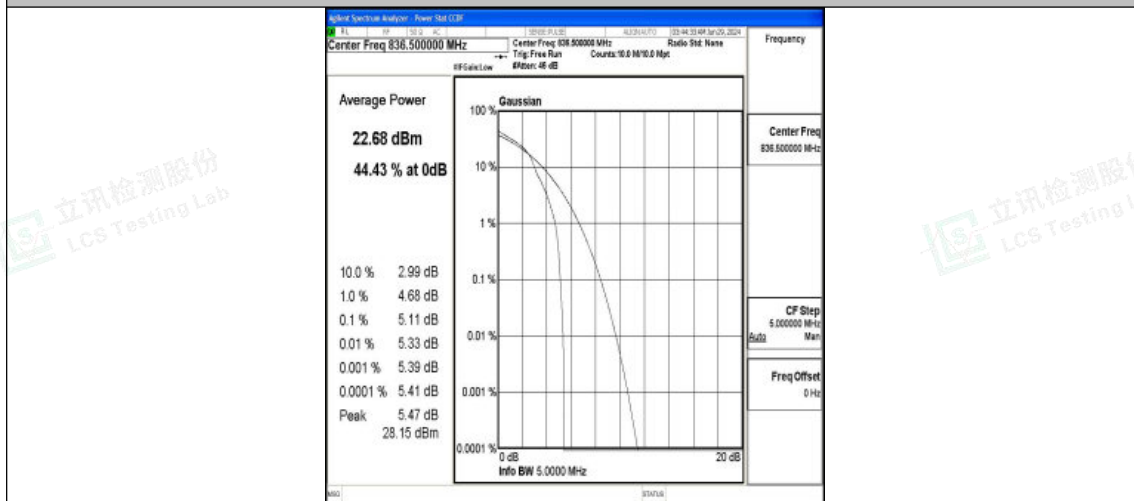




Band5-3MHz-16QAM-20415-15RB#0-PASS

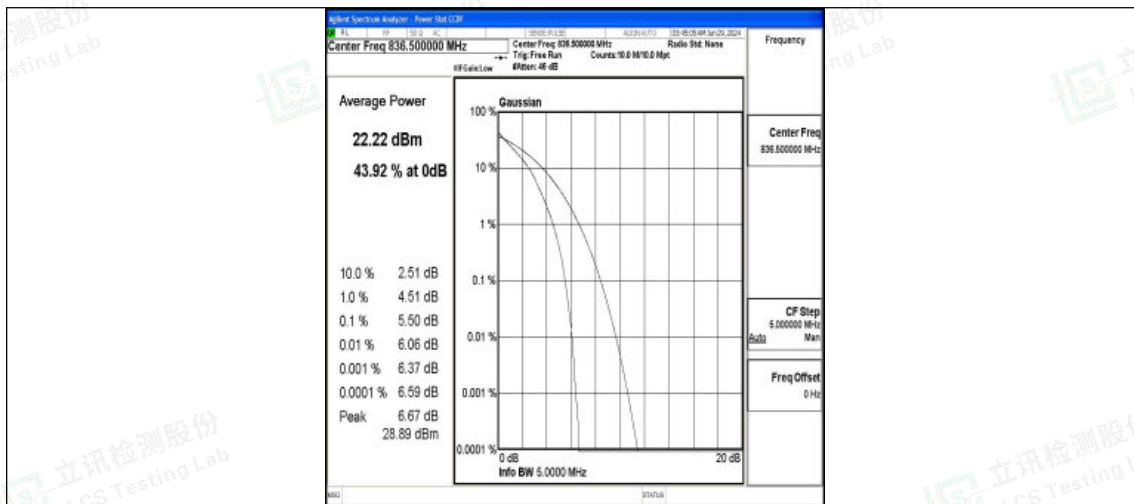


Band5-3MHz-QPSK-20525-1RB#0-PASS

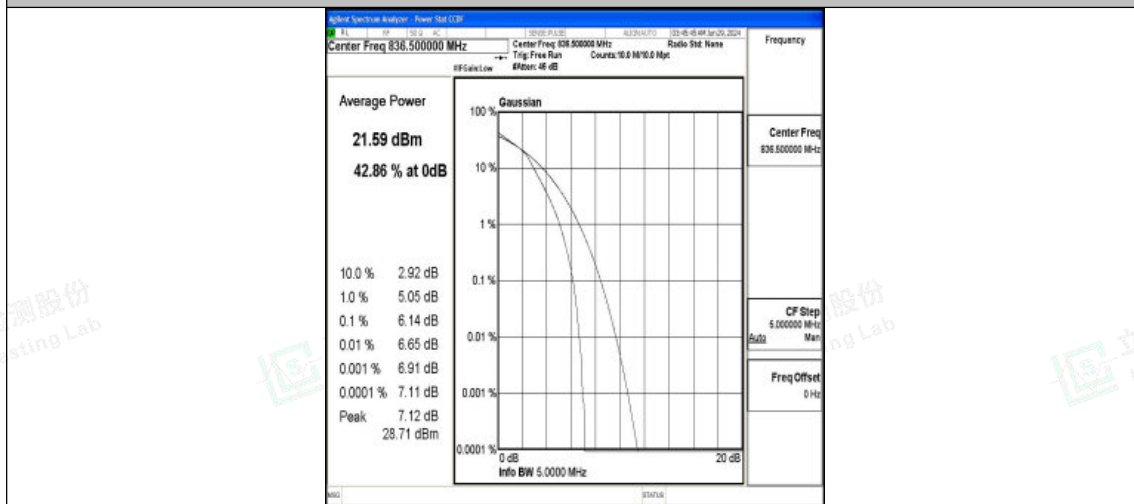


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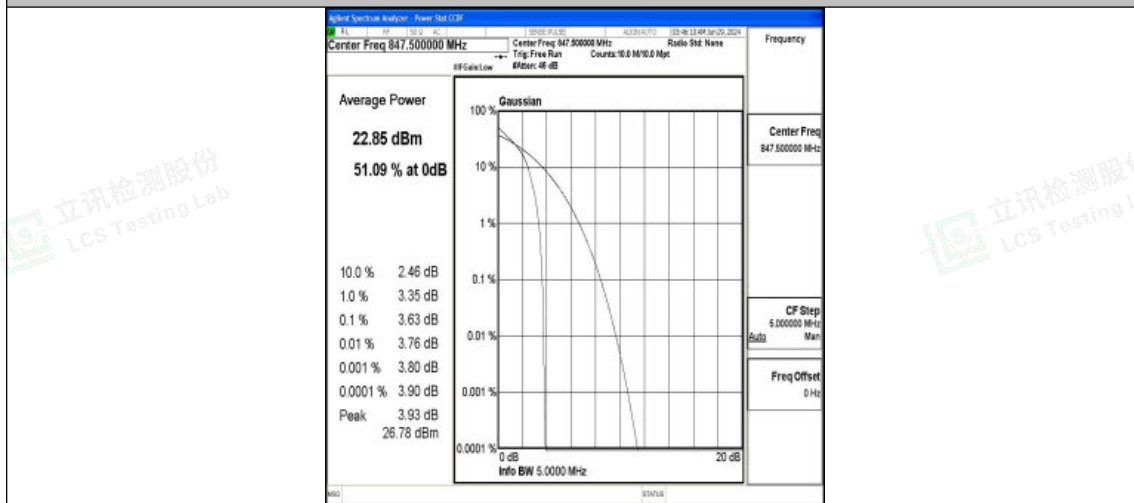




Band5-3MHz-QPSK-20525-15RB#0-PASS



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



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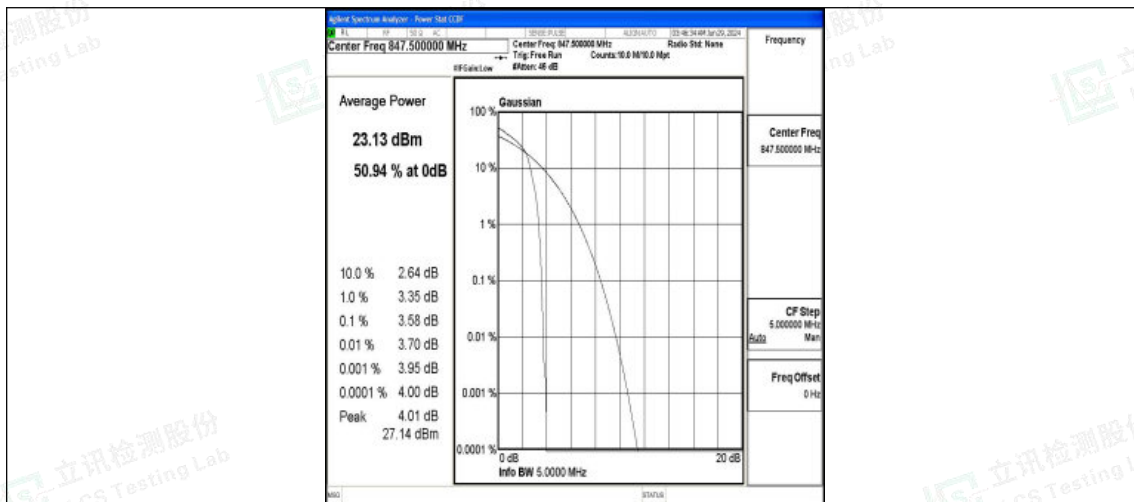


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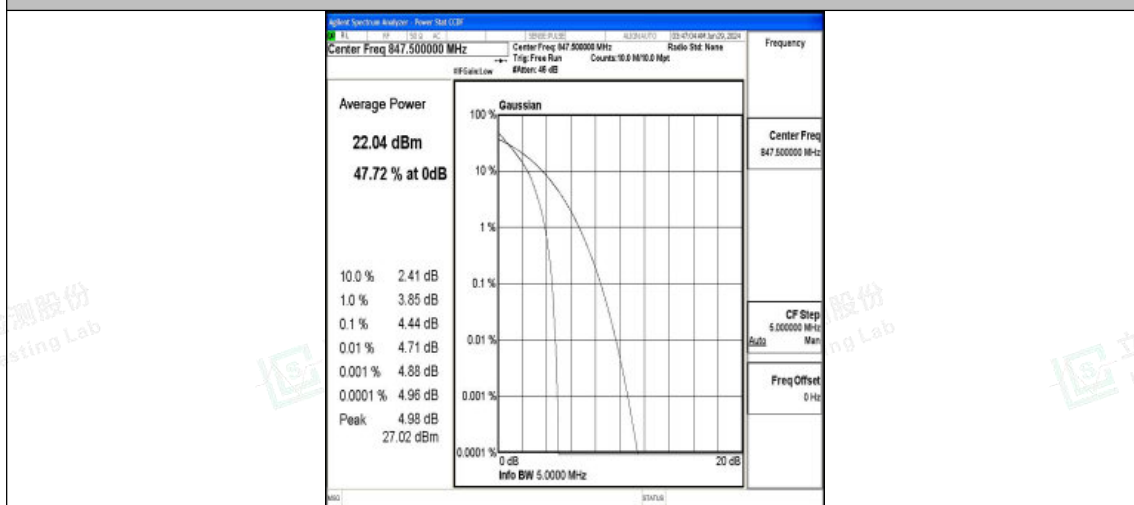
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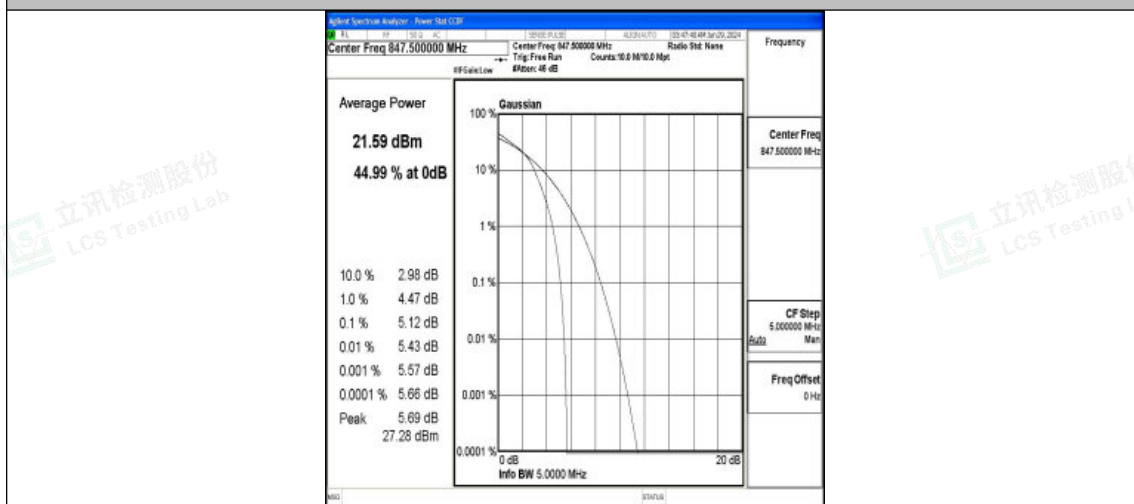
Scan code to check authenticity



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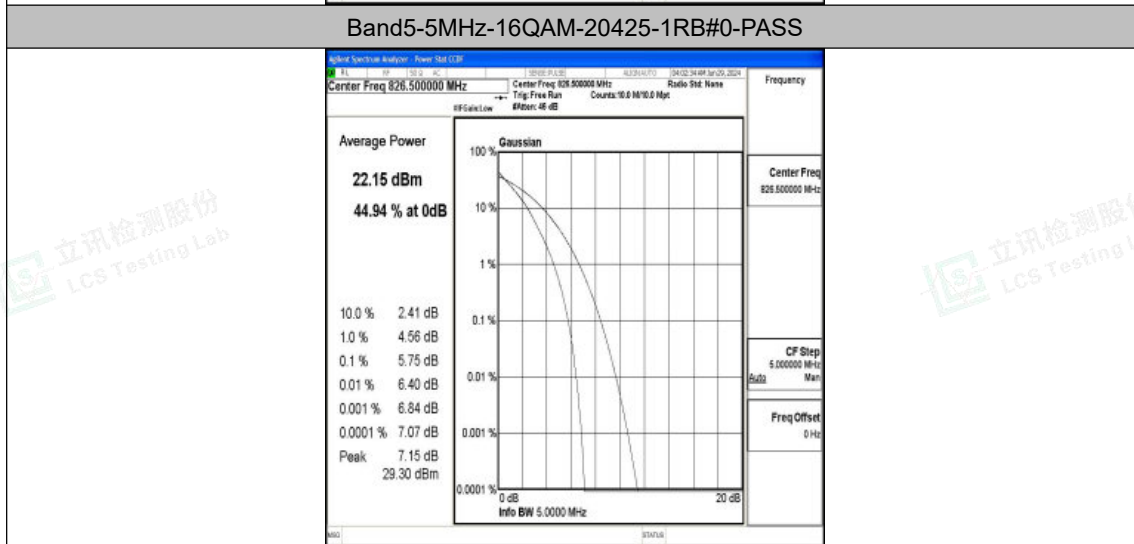
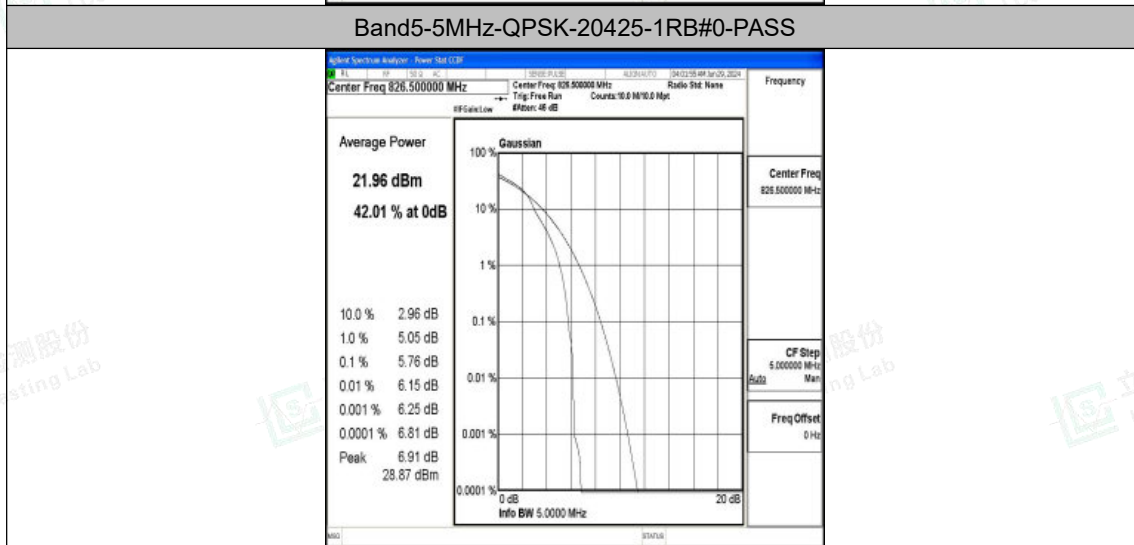
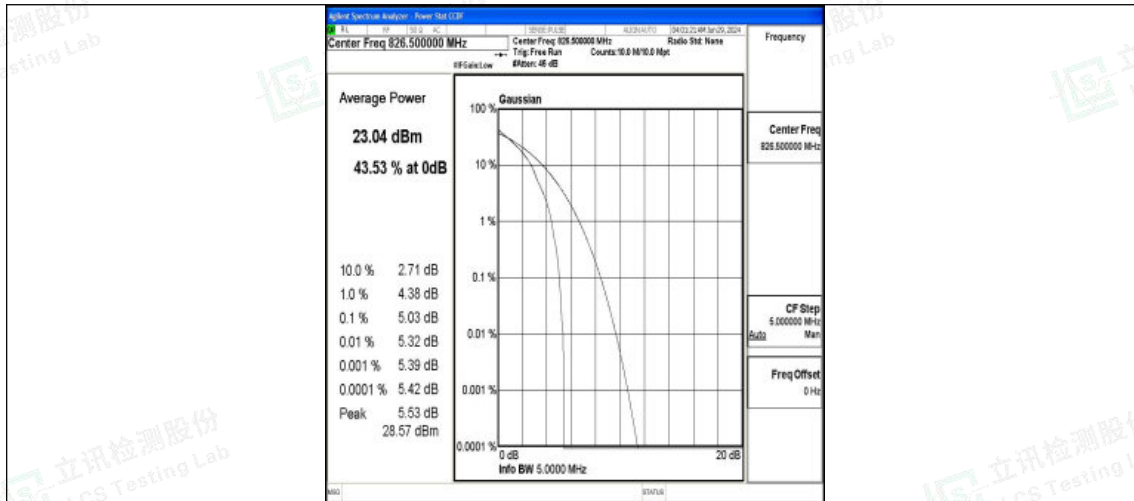


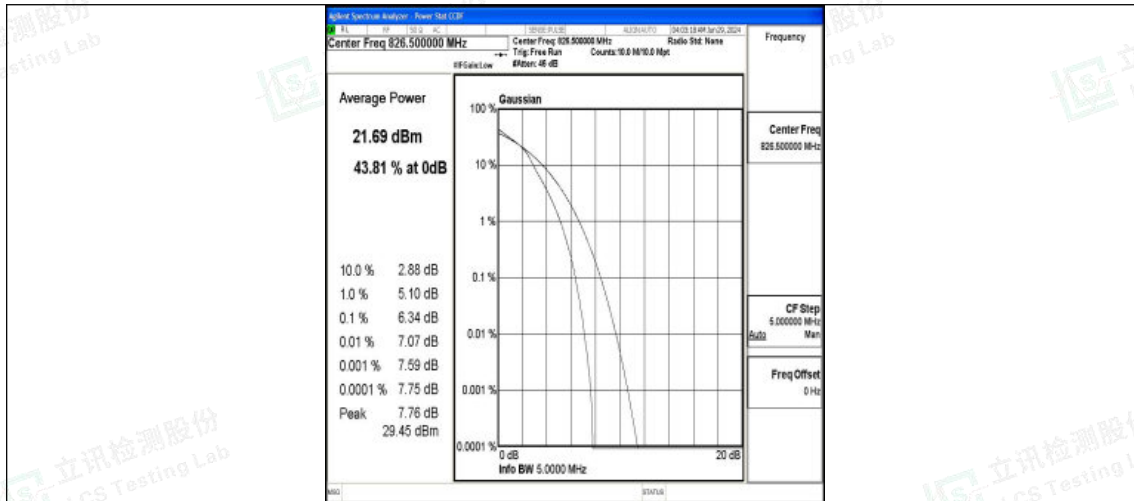
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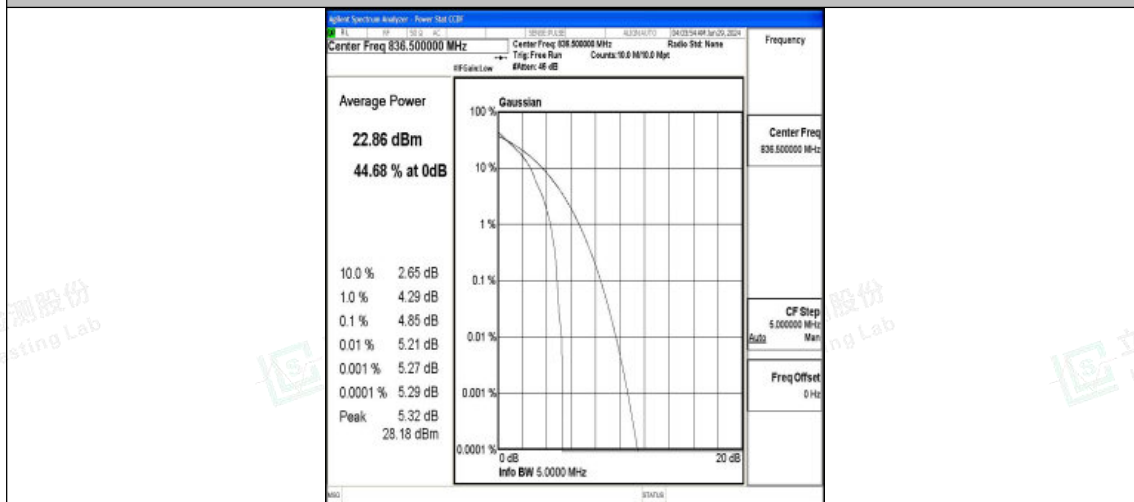
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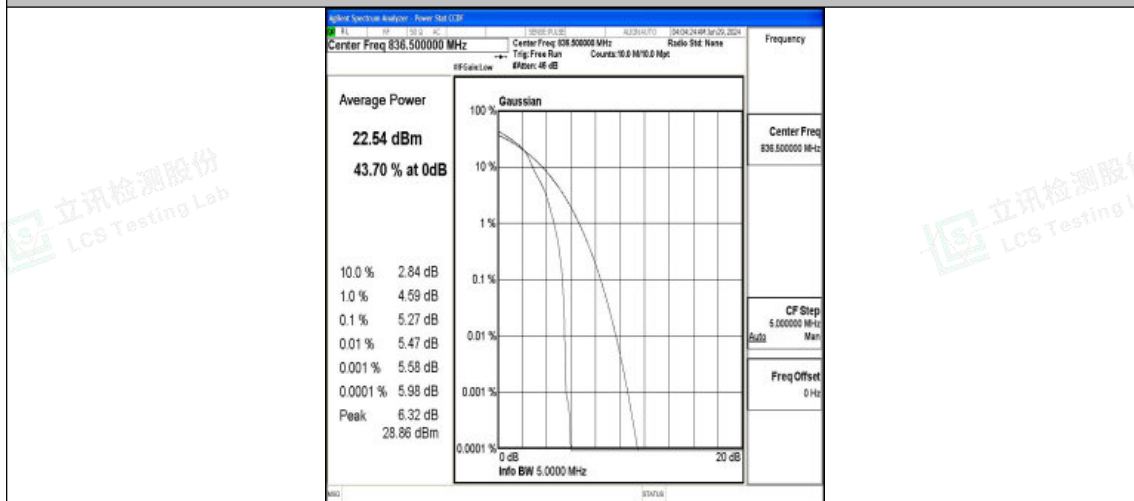




Band5-5MHz-16QAM-20425-25RB#0-PASS



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



Band5-5MHz-16QAM-20525-1RB#0-PASS

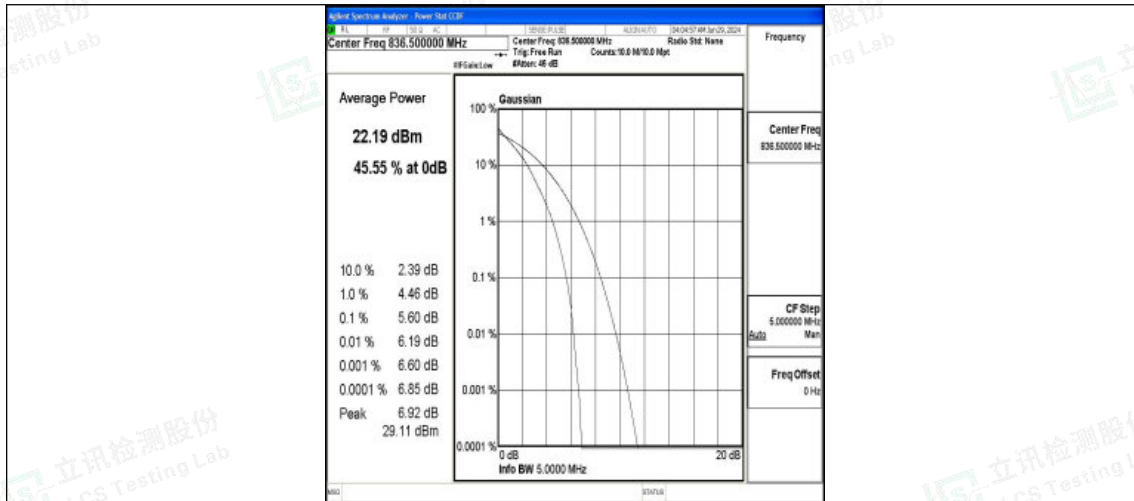


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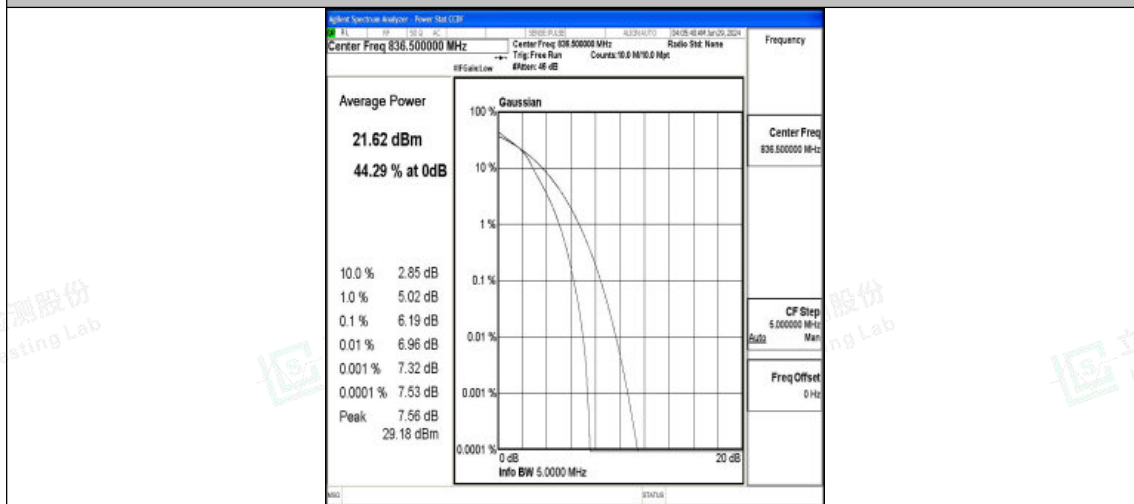
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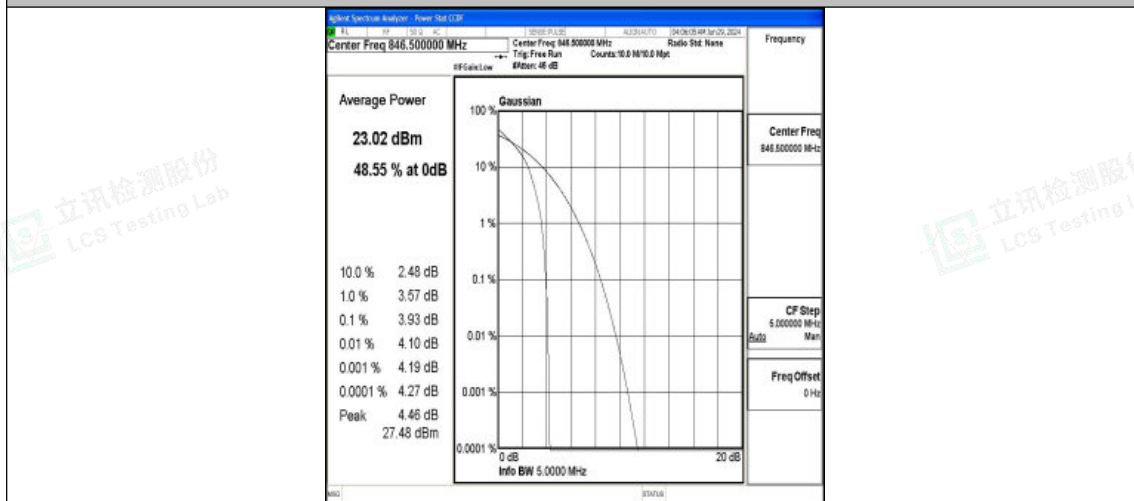
Scan code to check authenticity



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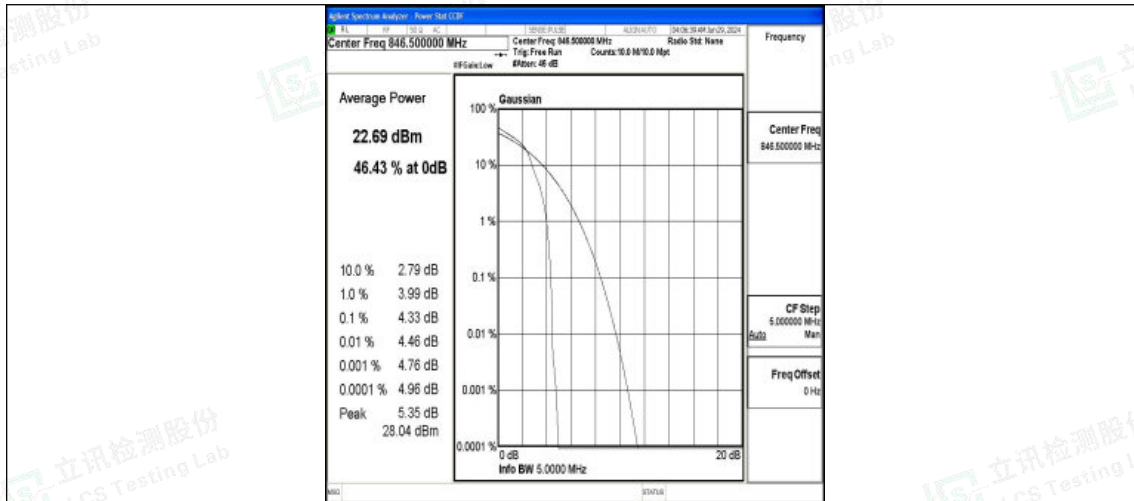


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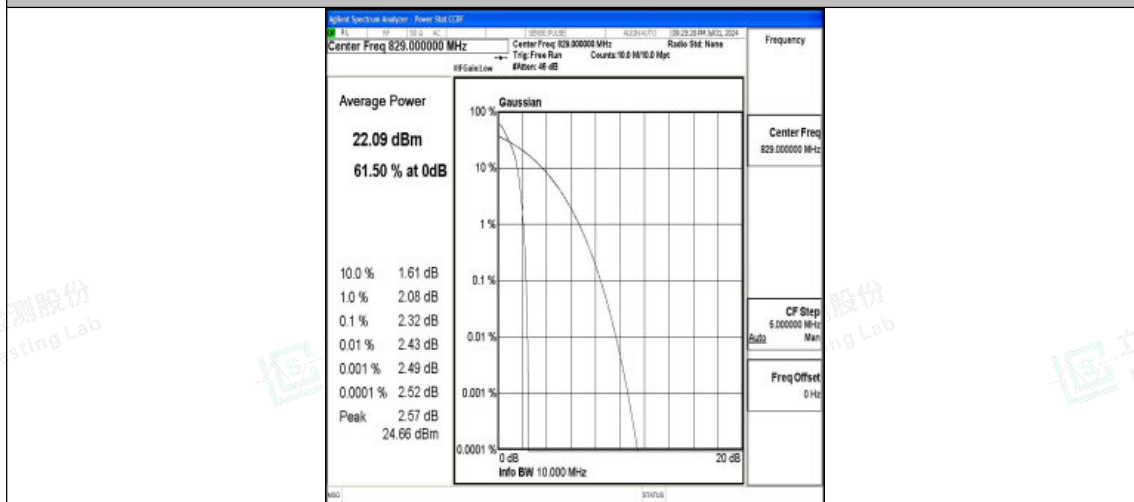


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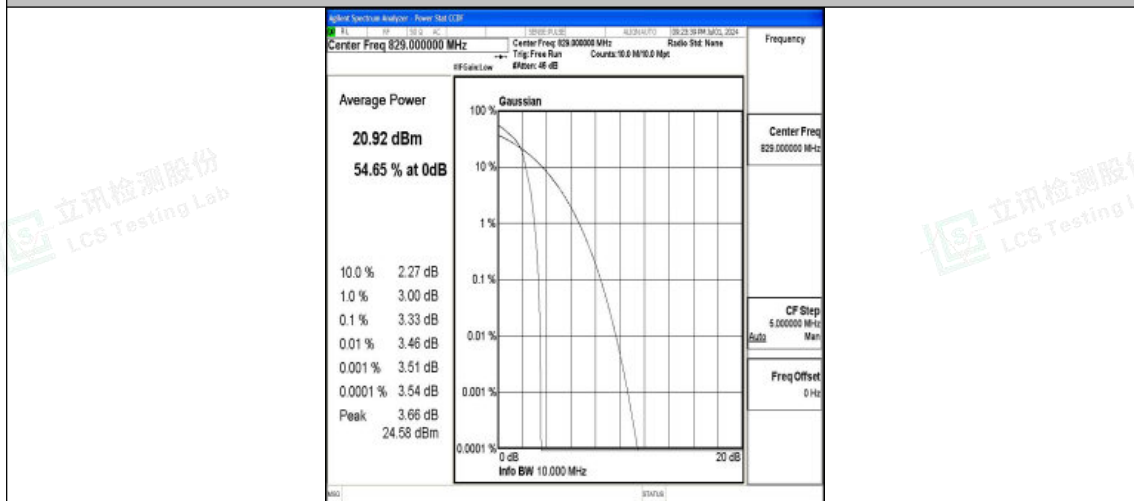




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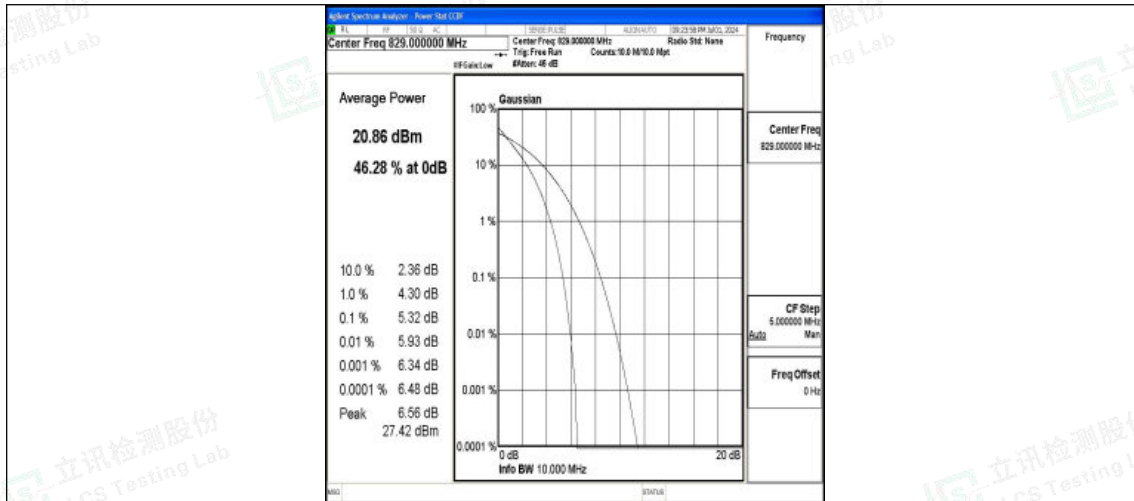


Band5-10MHz-QPSK-20450-1RB#0-PASS

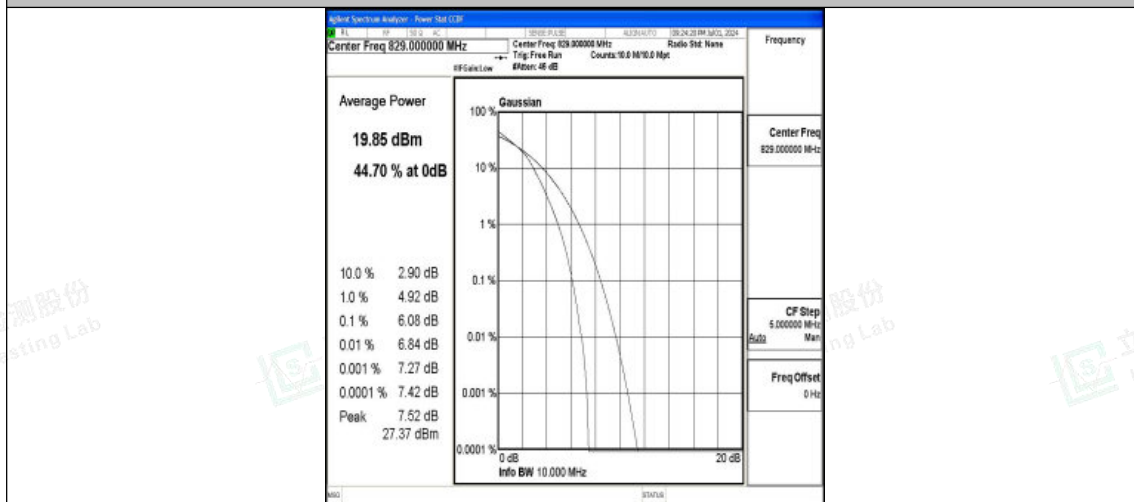


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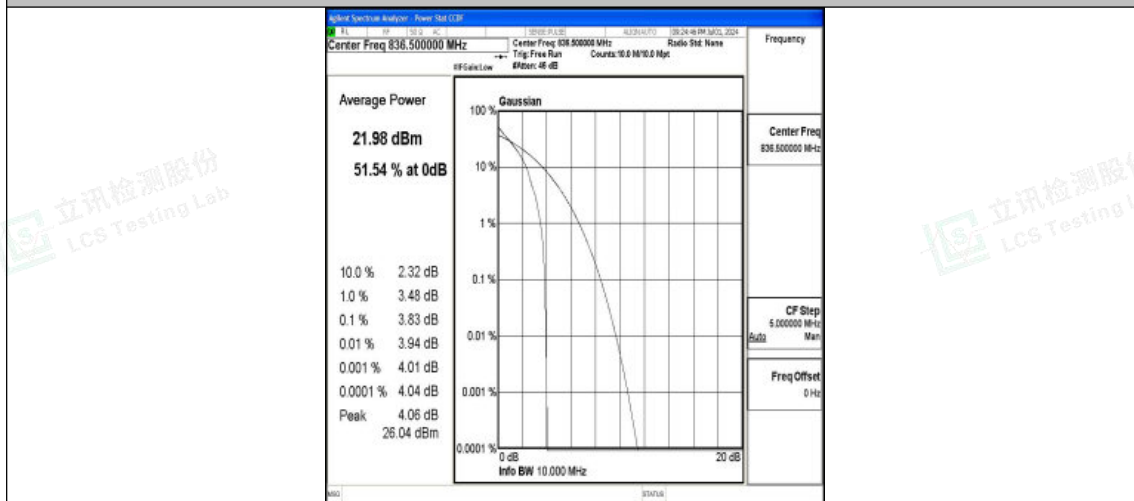




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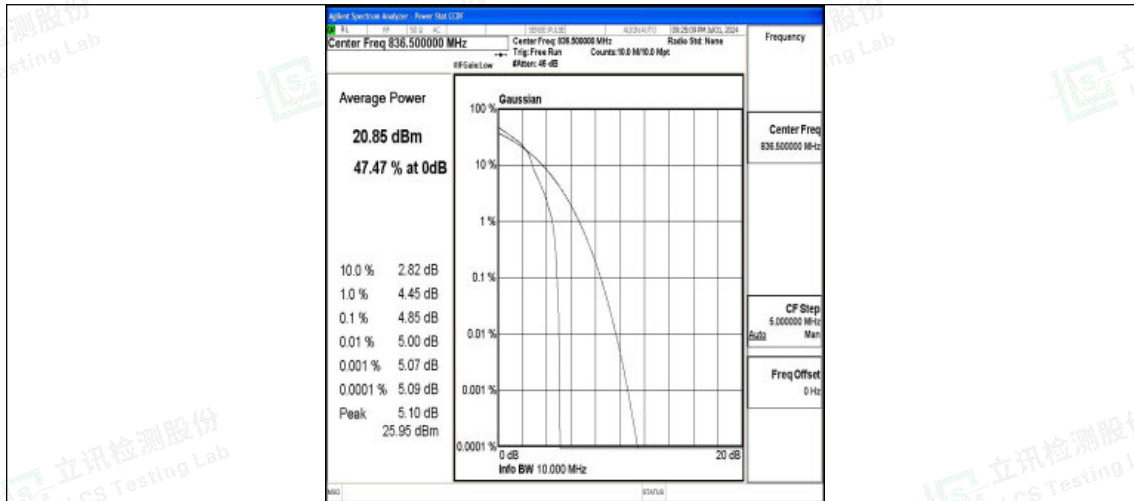


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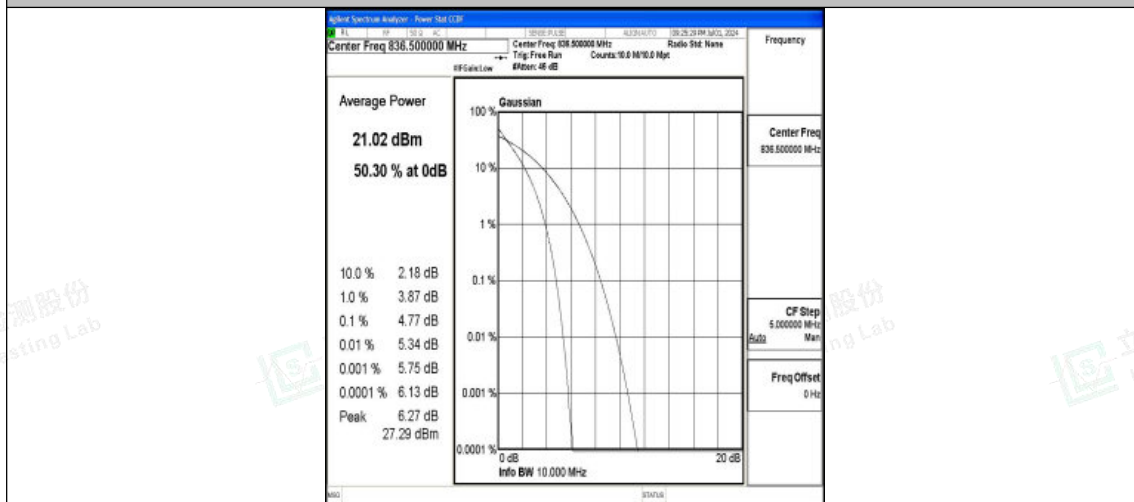


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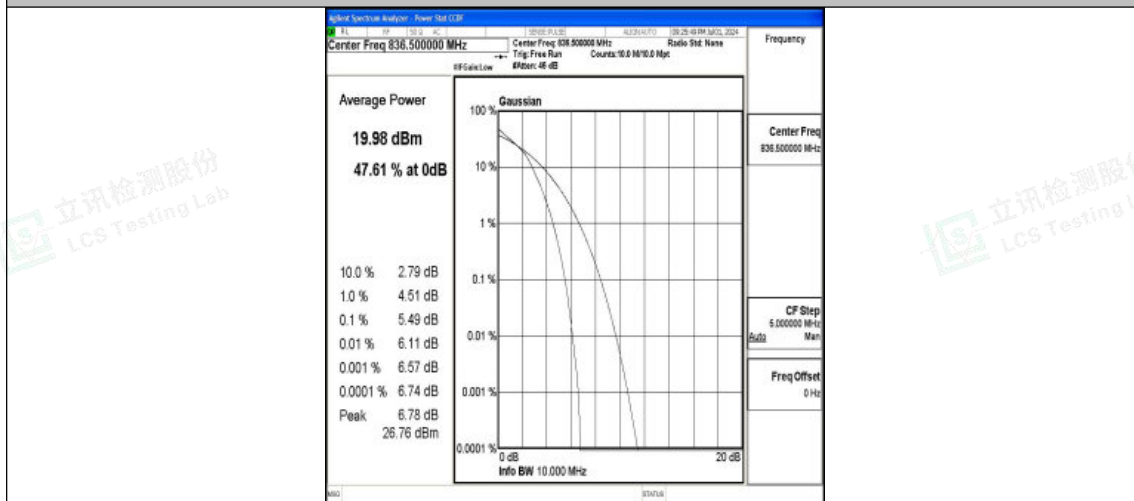




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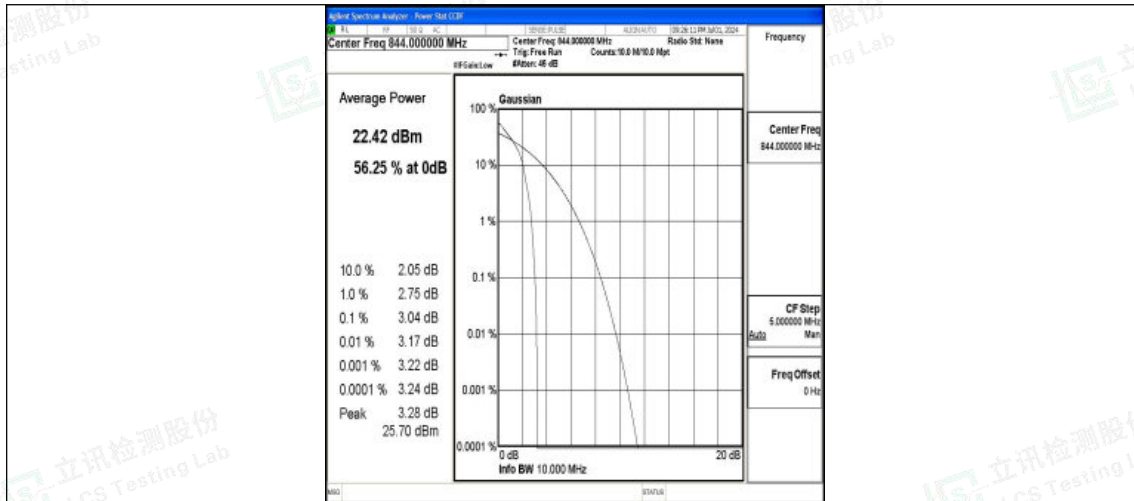


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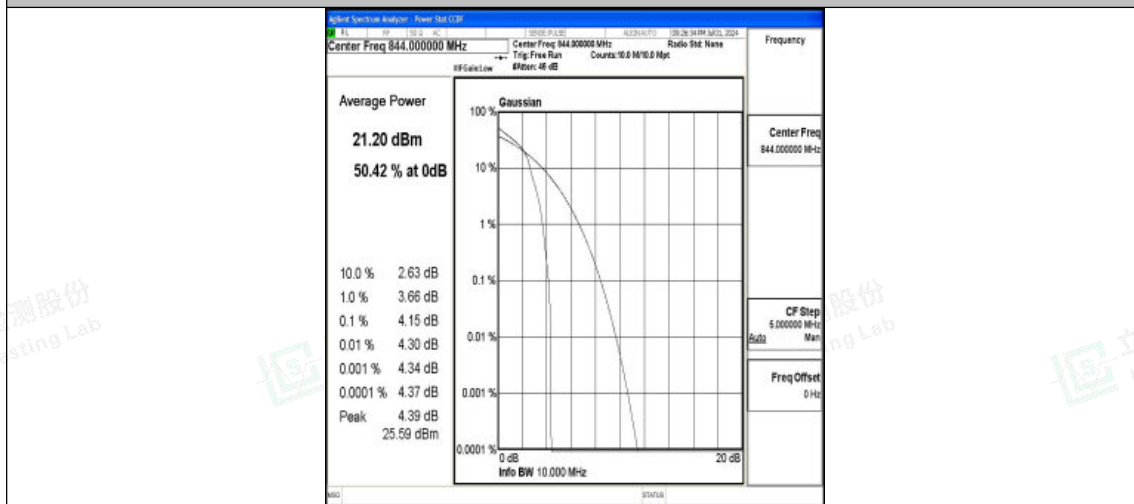


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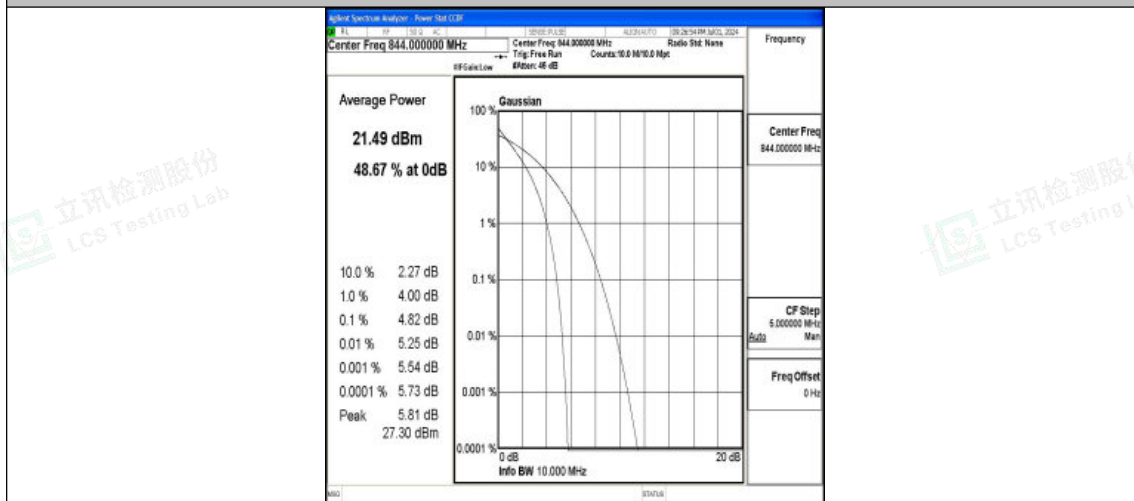




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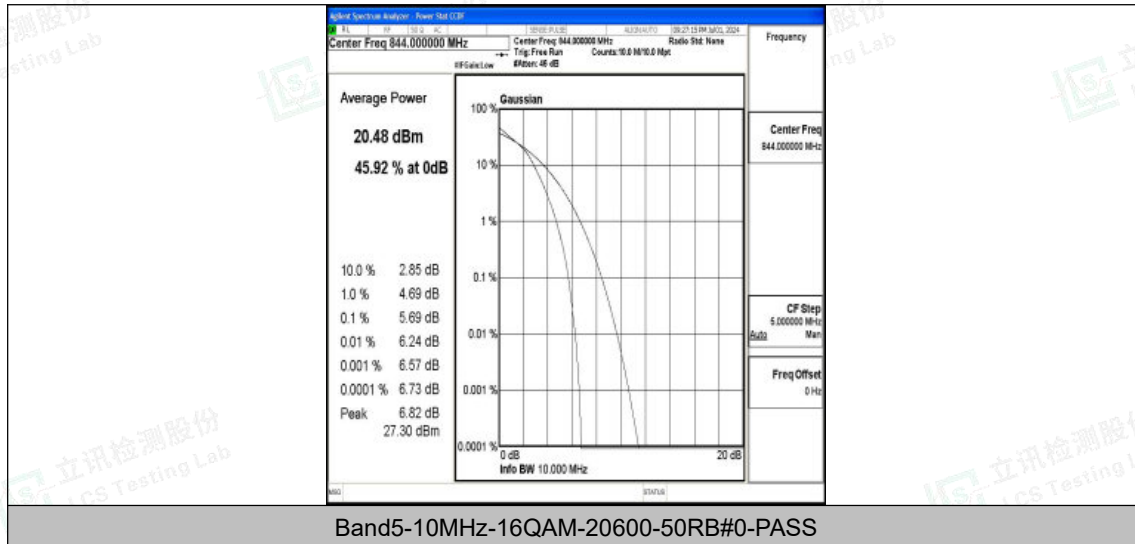


Band5-10MHz-16QAM-20600-1RB#0-PASS



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







H.3 26dB Bandwidth and Occupied Bandwidth

Test Result

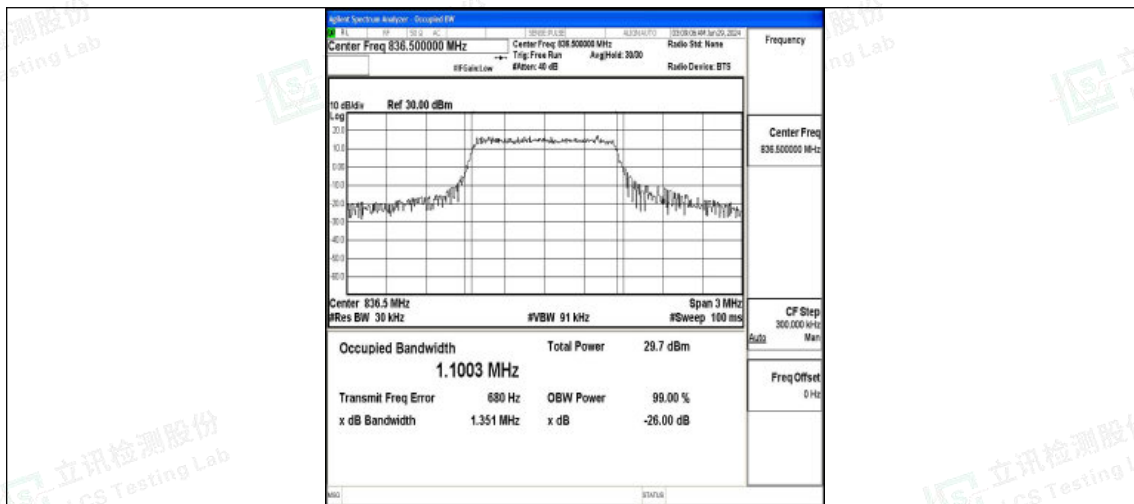
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0941	1.298	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0967	1.325	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0939	1.284	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1003	1.351	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1013	1.336	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0943	1.292	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7098	3.160	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7031	3.068	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7093	3.184	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7089	3.238	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7073	3.122	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7111	3.242	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5163	5.318	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5188	5.234	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5183	5.411	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5265	5.463	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5272	5.443	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5545	5.371	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9841	9.990	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9858	10.07	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0092	10.14	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0094	10.56	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9732	9.785	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9958	10.09	PASS



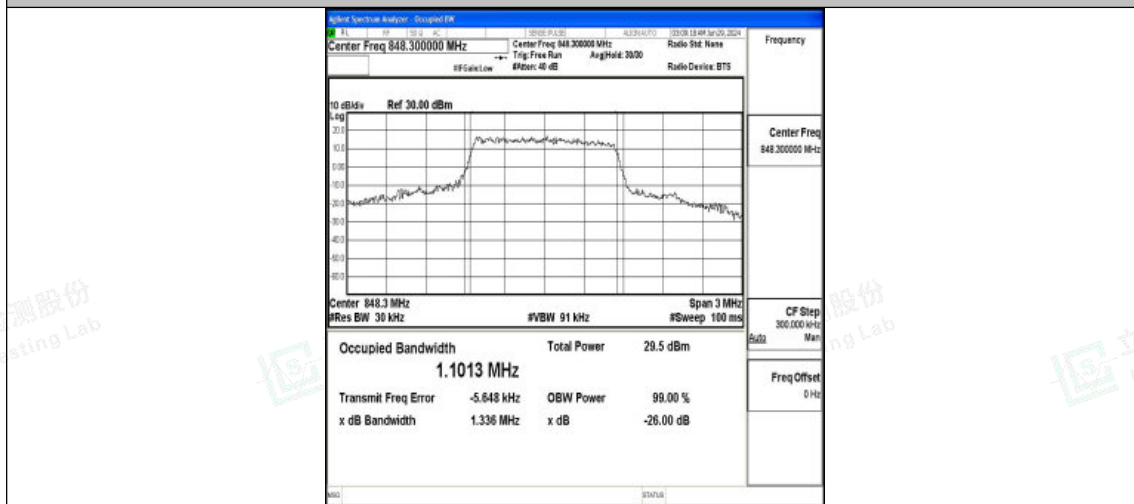


Test Graphs

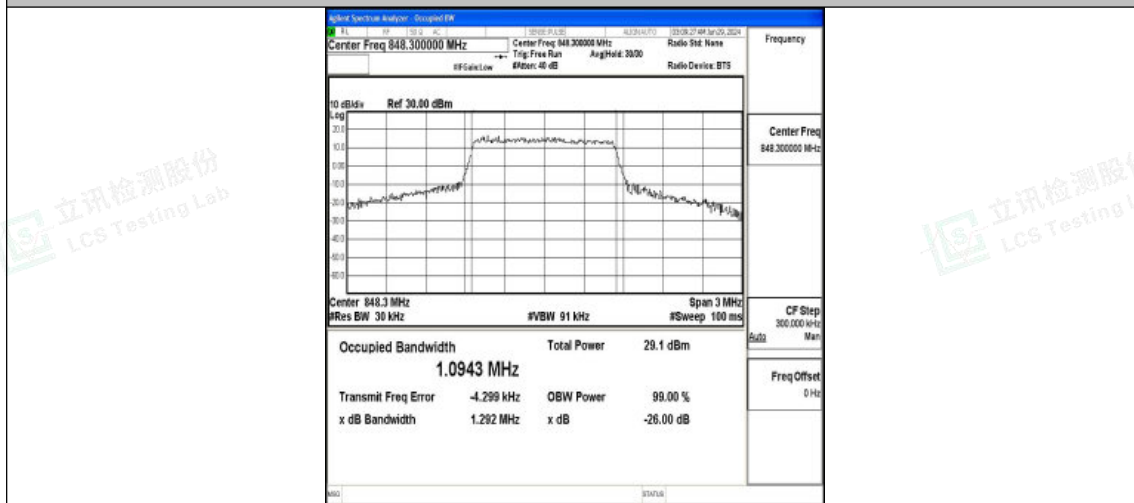




Band5-1.4MHz-16QAM-20525-6RB#0-PASS



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



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

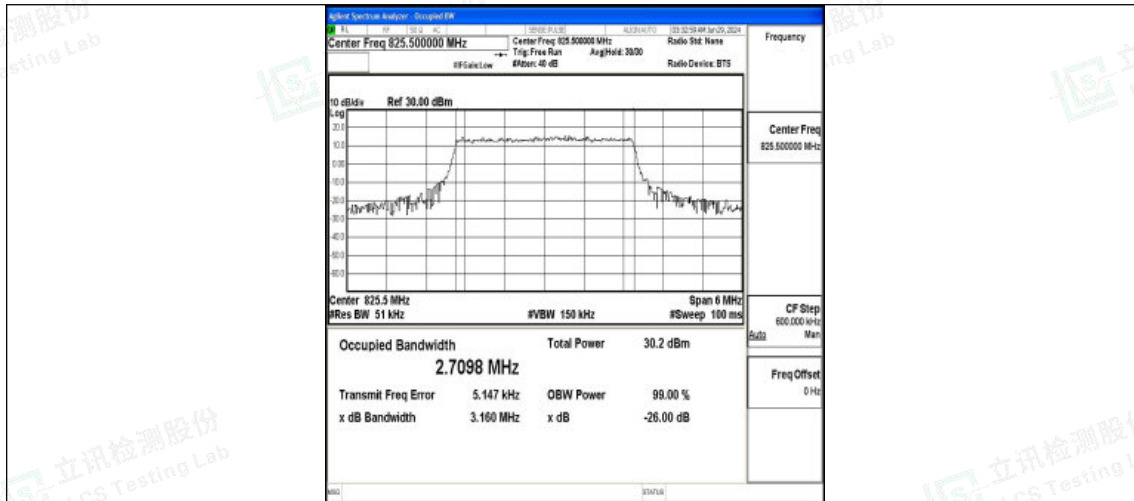


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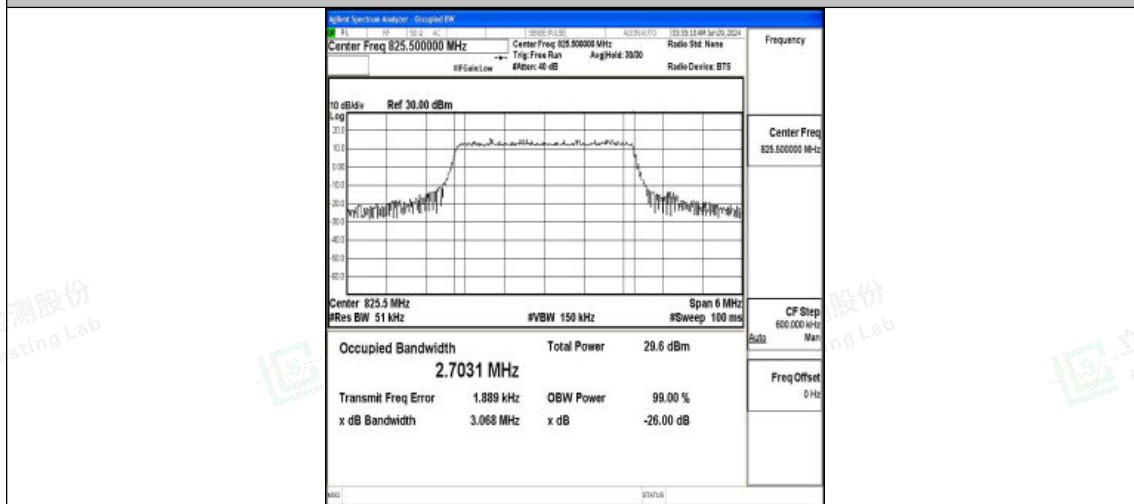
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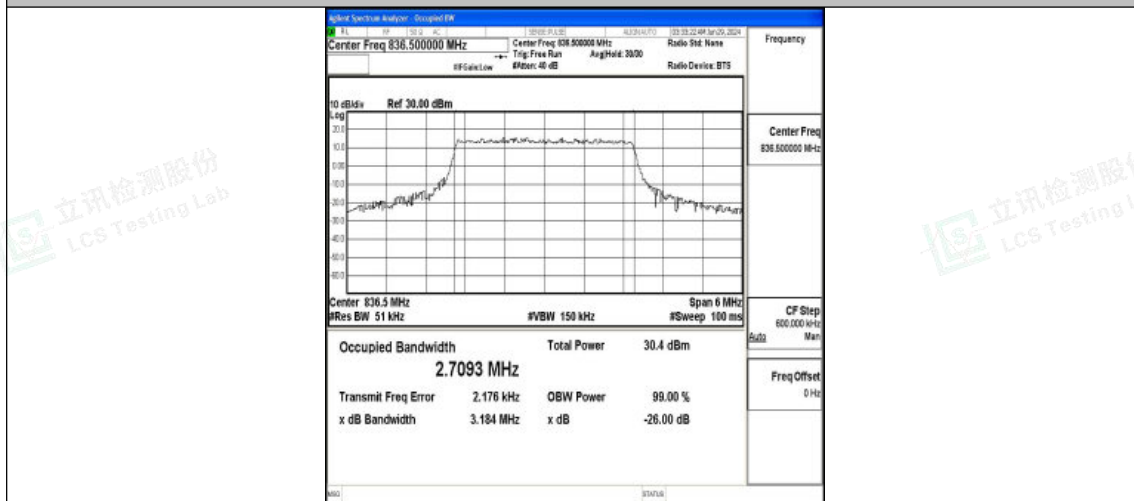
Scan code to check authenticity



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

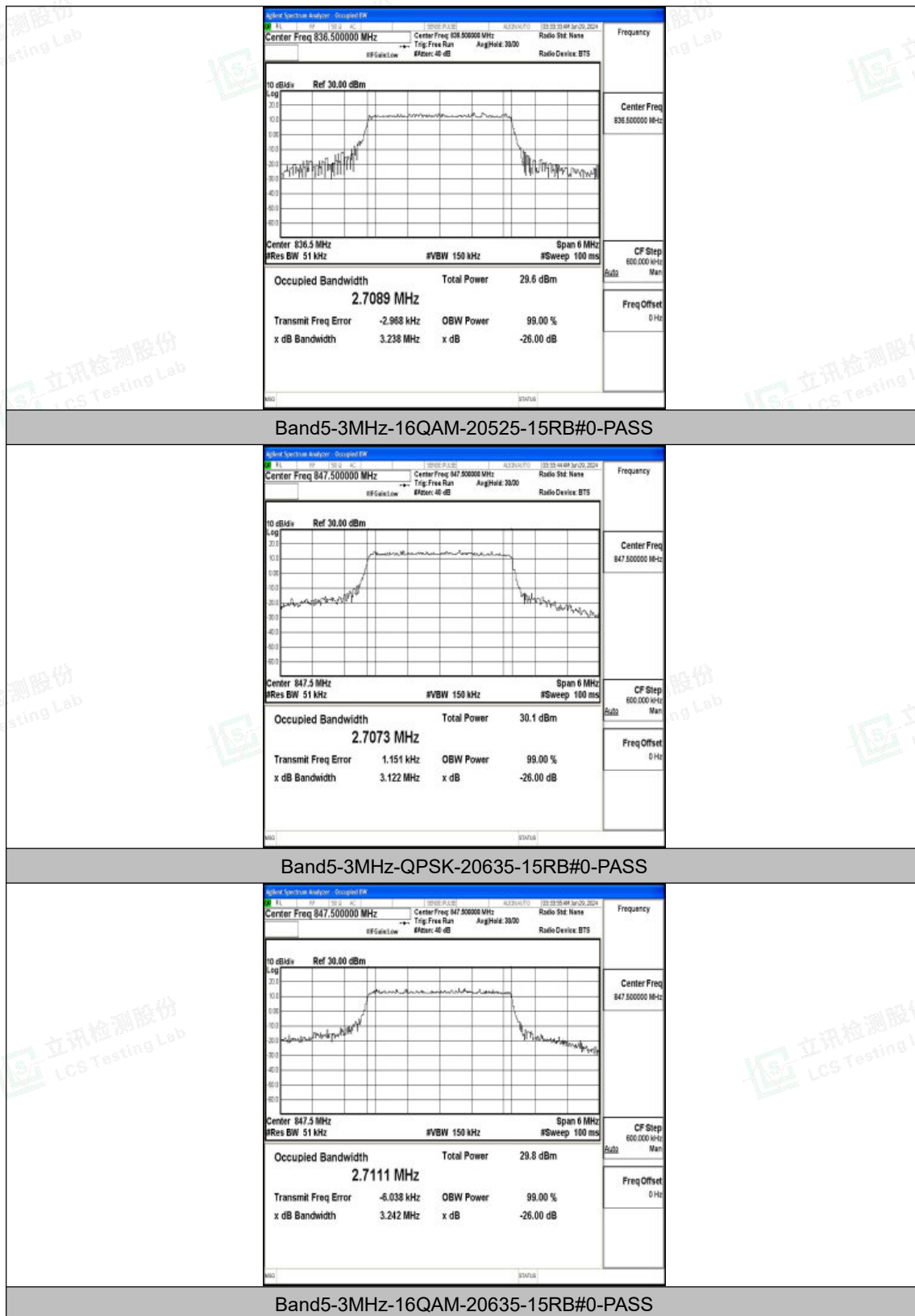


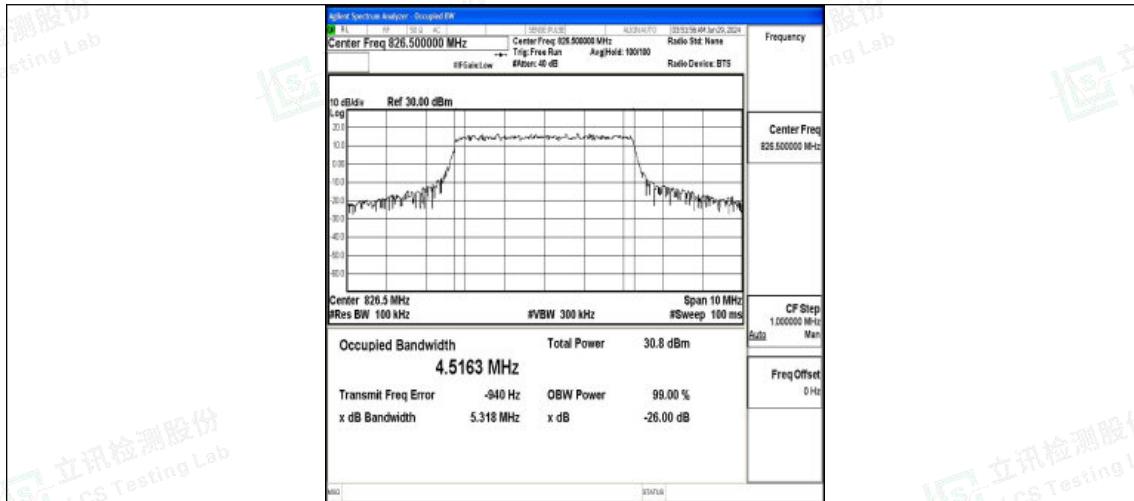
Band5-3MHz-16QAM-20415-15RB#0-PASS



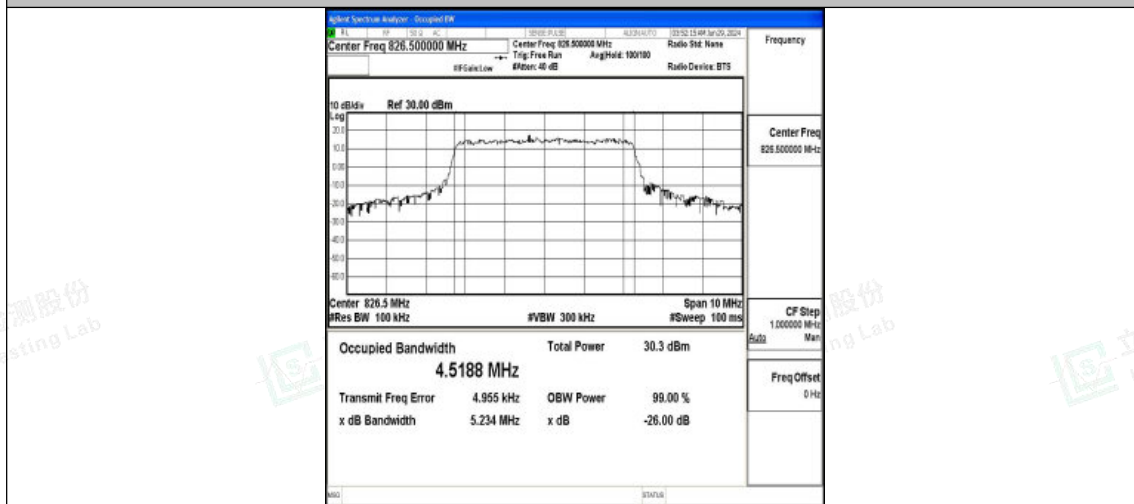
Band5-3MHz-QPSK-20525-15RB#0-PASS



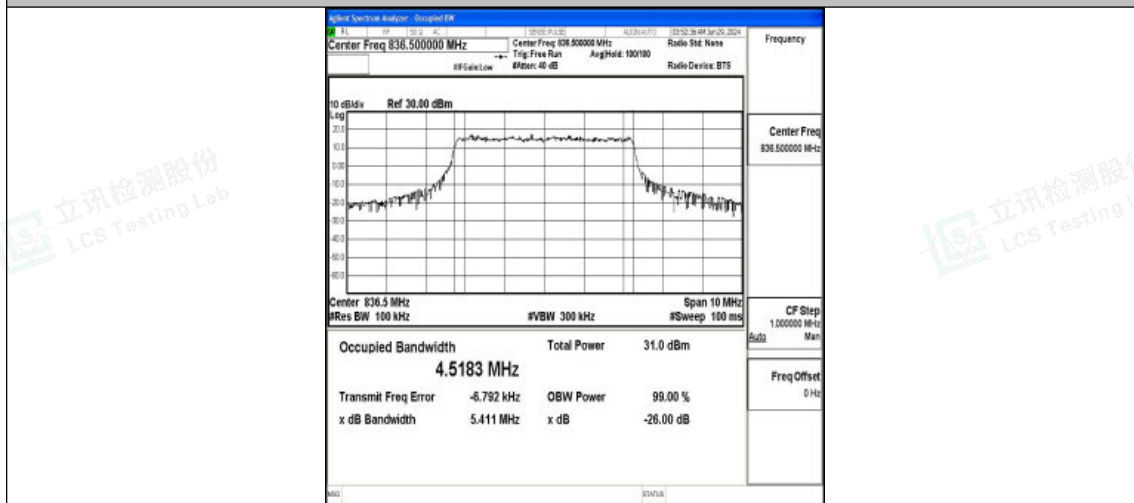




Band5-5MHz-QPSK-20425-25RB#0-PASS



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



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

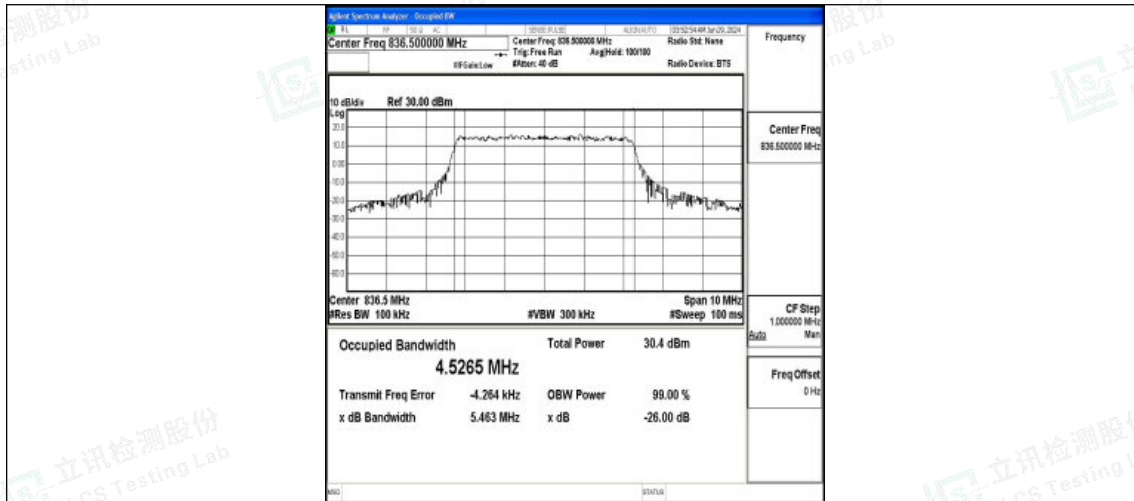


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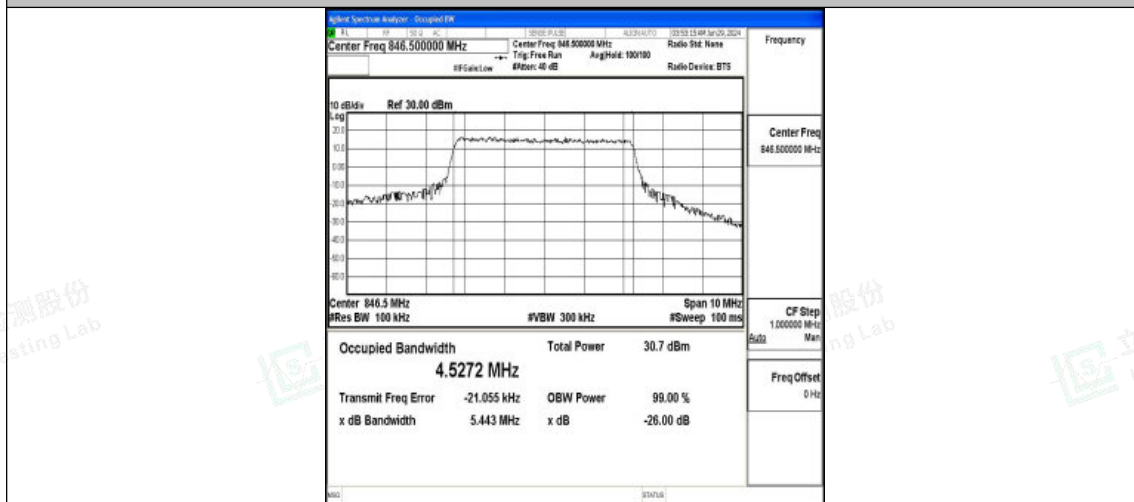
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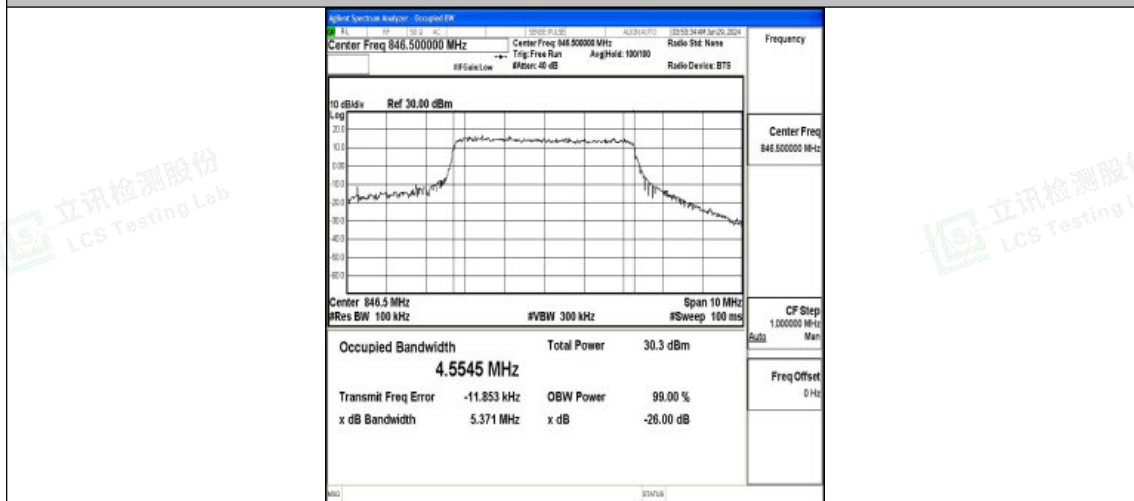
Scan code to check authenticity



Band5-5MHz-16QAM-20525-25RB#0-PASS



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



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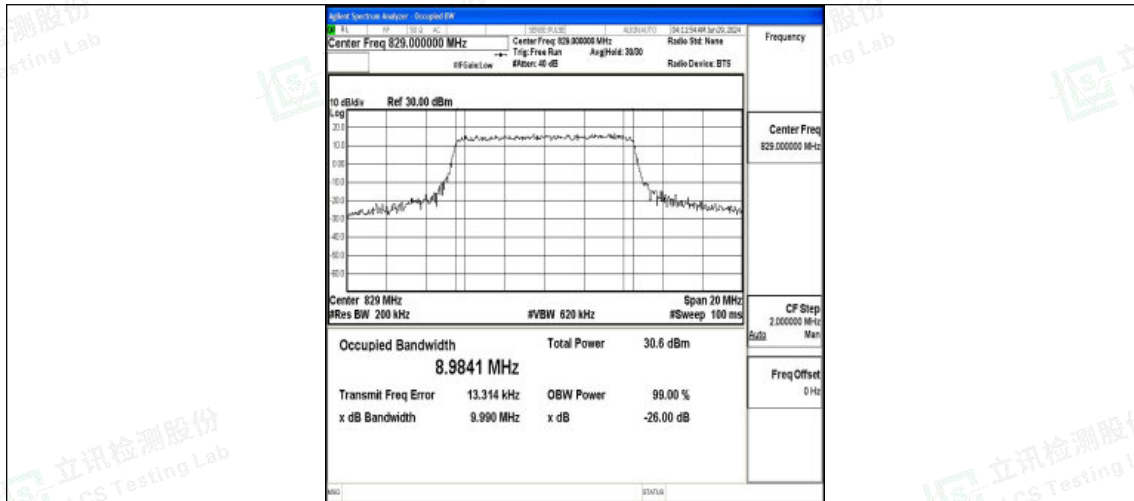


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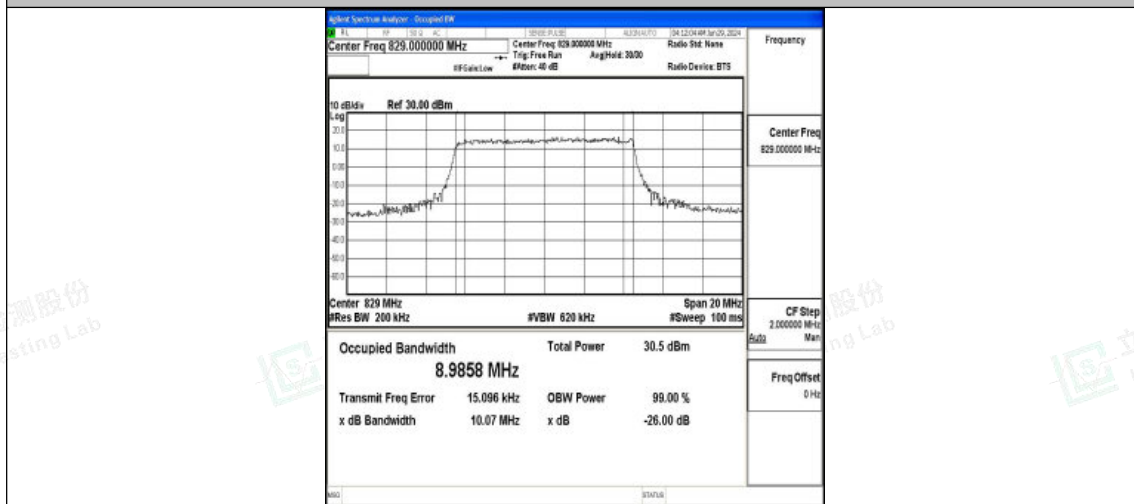
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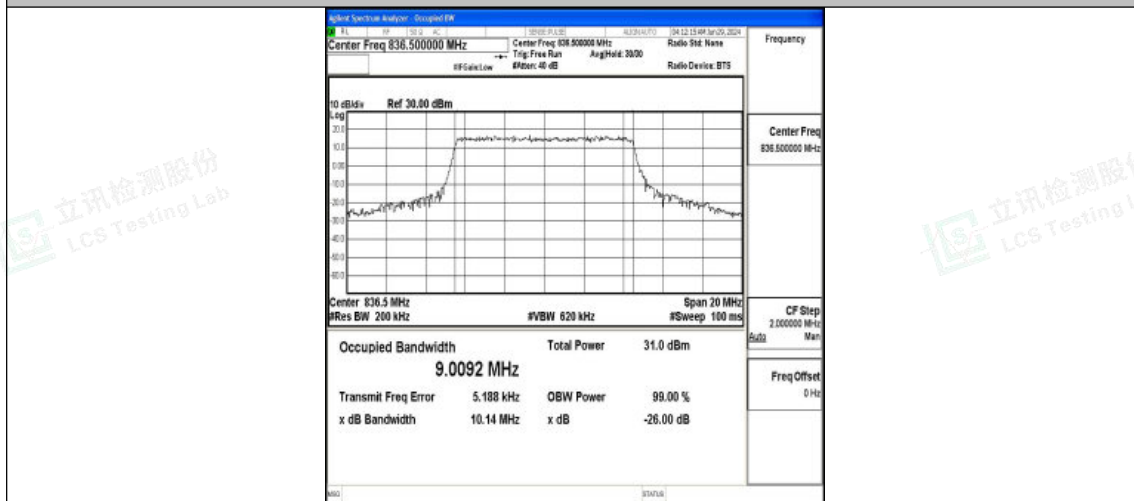
Scan code to check authenticity



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



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



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

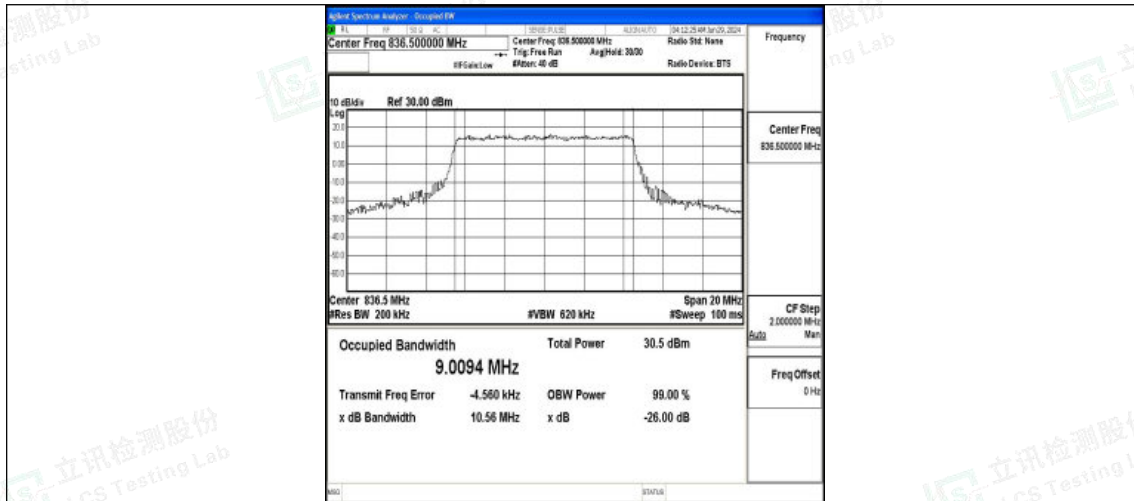


Shenzhen LCS Compliance Testing Laboratory Ltd.

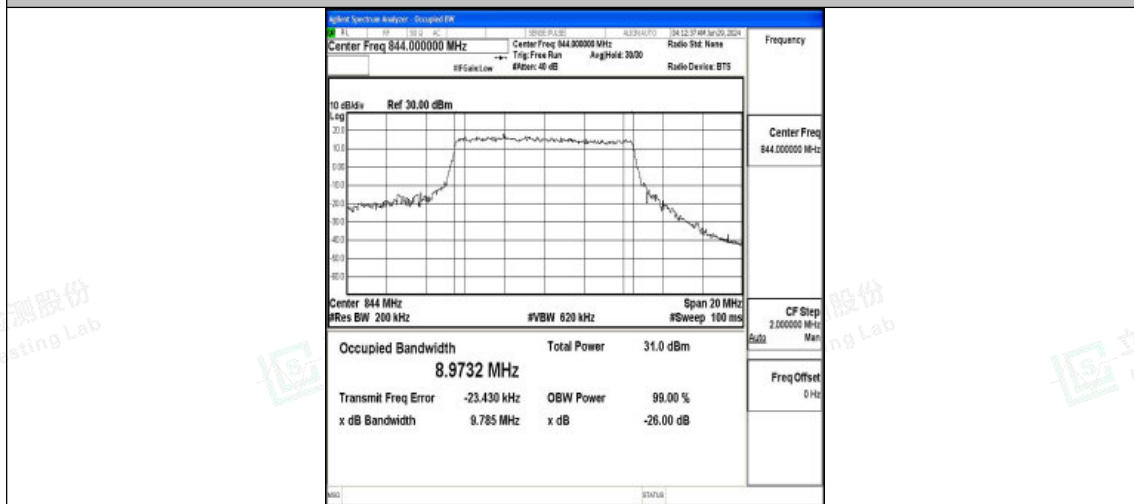
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

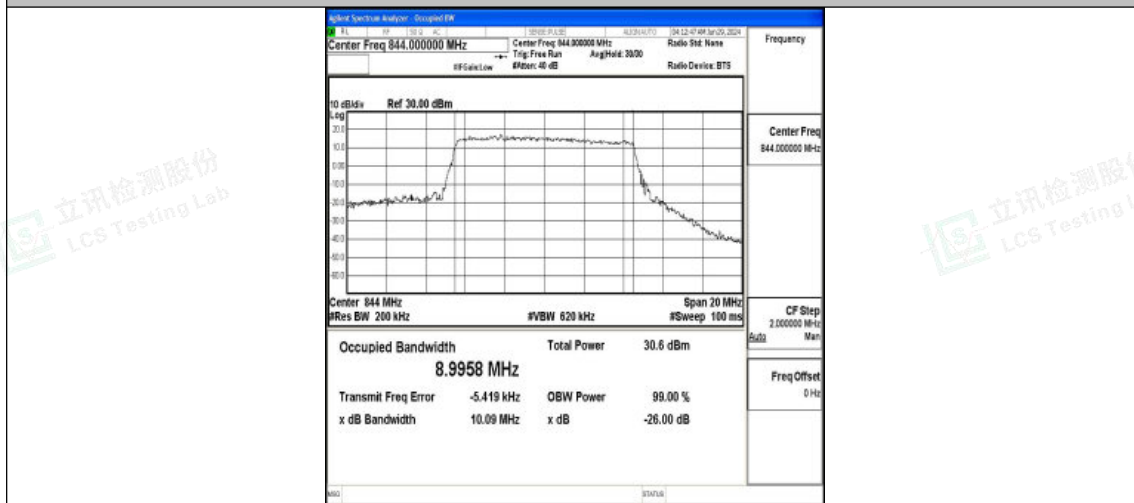
Scan code to check authenticity



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



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



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



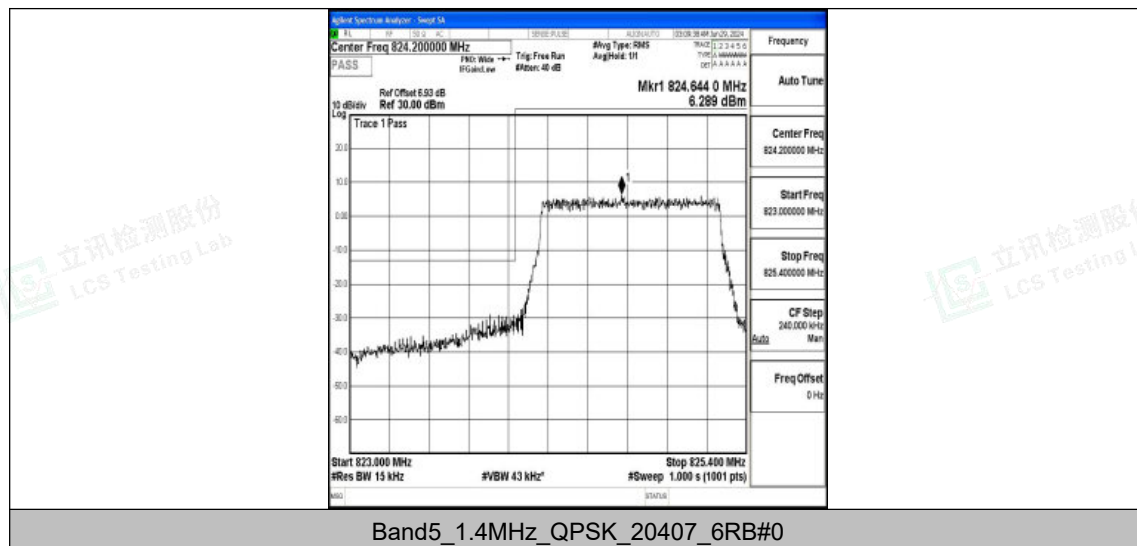


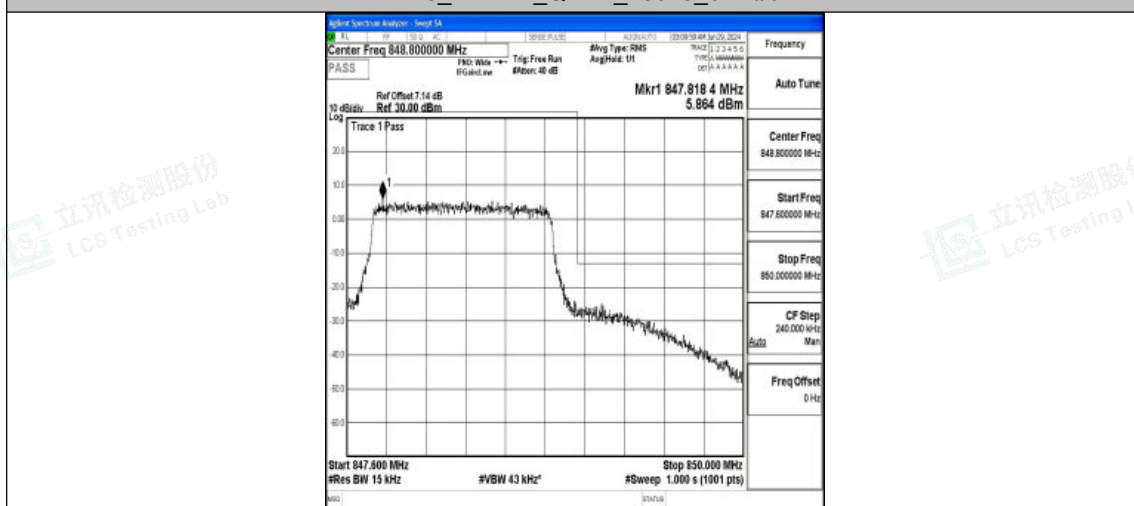
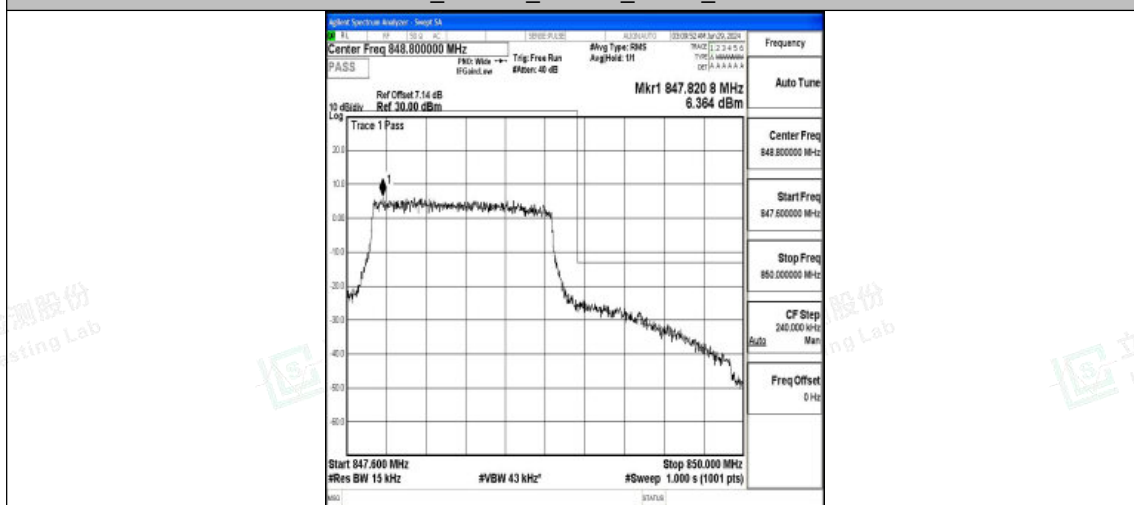
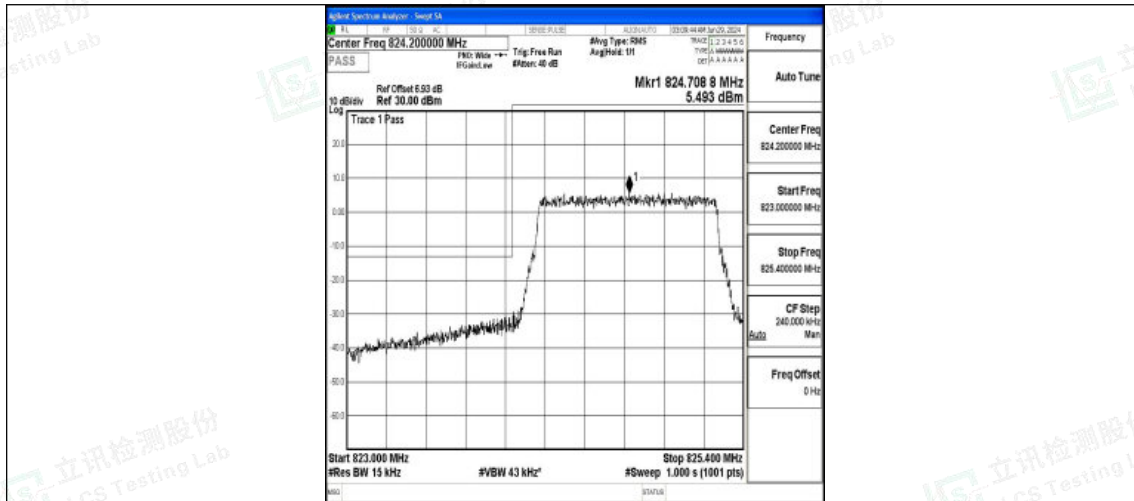
H.4 Band Edge

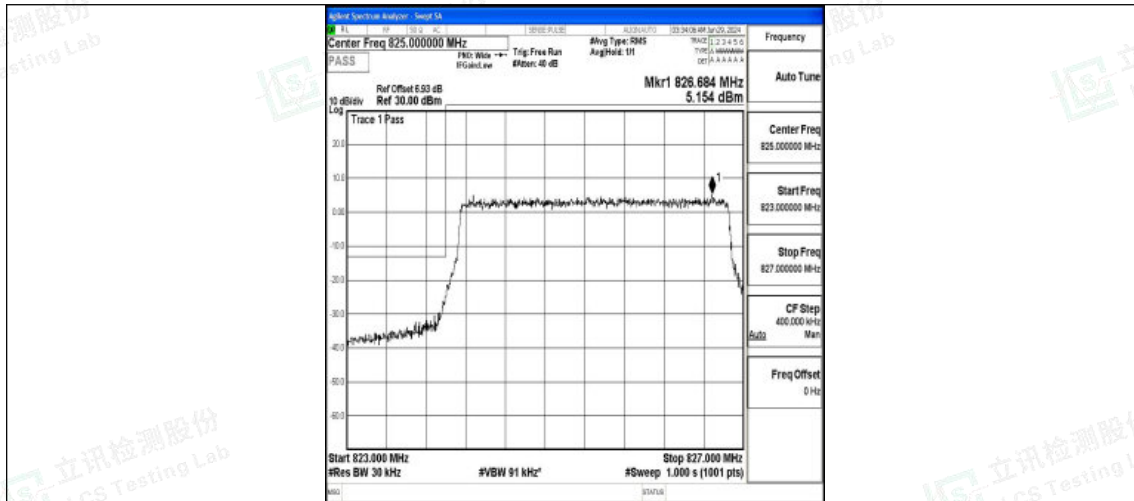
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.85	-29.10	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.96	-30.63	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.03	-24.19	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.14	-25.12	PASS
Band5	3MHz	QPSK	20415	15RB#0	824.00	-24.93	PASS
Band5	3MHz	16QAM	20415	15RB#0	824.00	-24.28	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.00	-24.67	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.01	-24.37	PASS
Band5	5MHz	QPSK	20425	25RB#0	823.98	-29.39	PASS
Band5	5MHz	16QAM	20425	25RB#0	823.97	-30.35	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.06	-29.42	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.03	-28.11	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.99	-32.76	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.99	-33.60	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.02	-32.53	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.09	-32.42	PASS

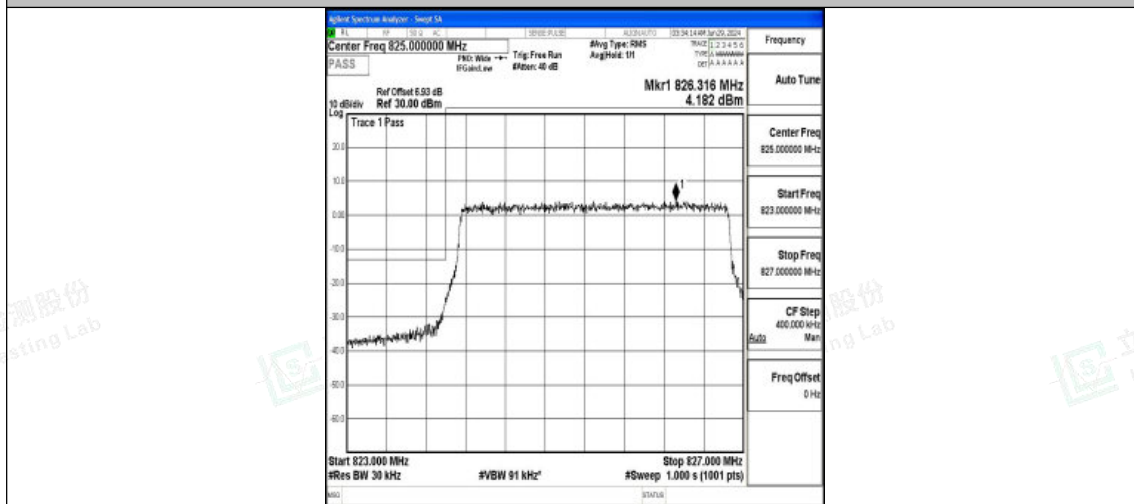
Test Graphs



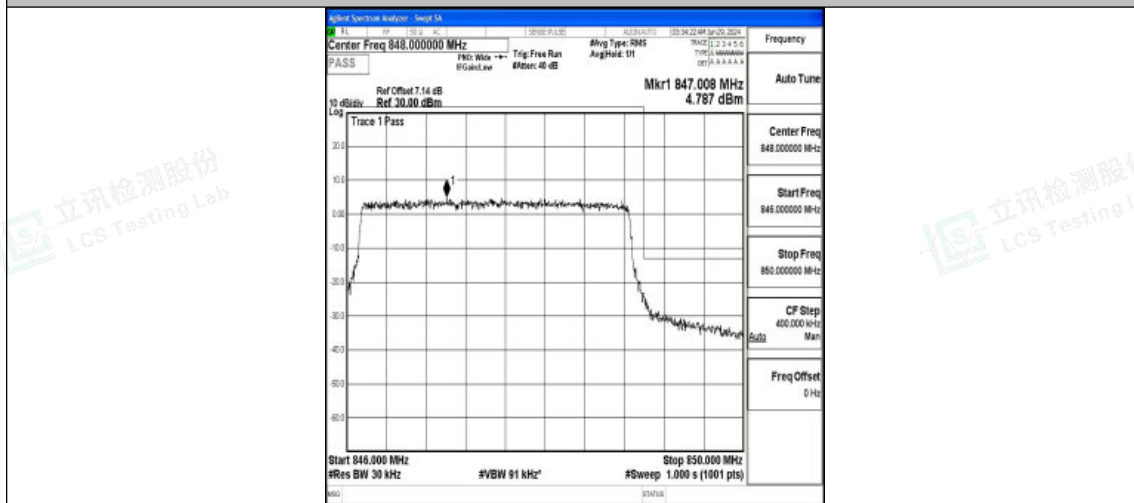




Band5_3MHz_QPSK_20415_15RB#0

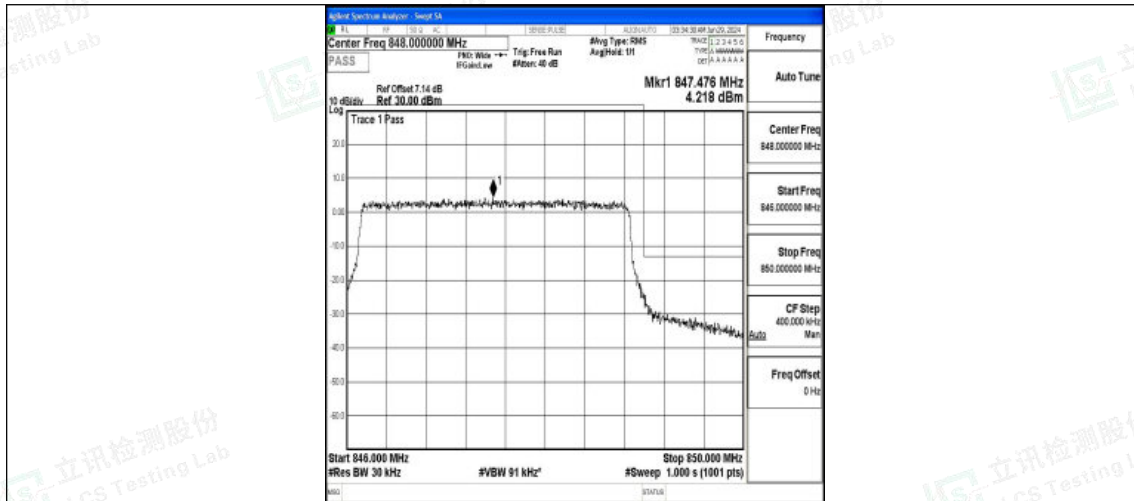


Band5_3MHz_16QAM_20415_15RB#0

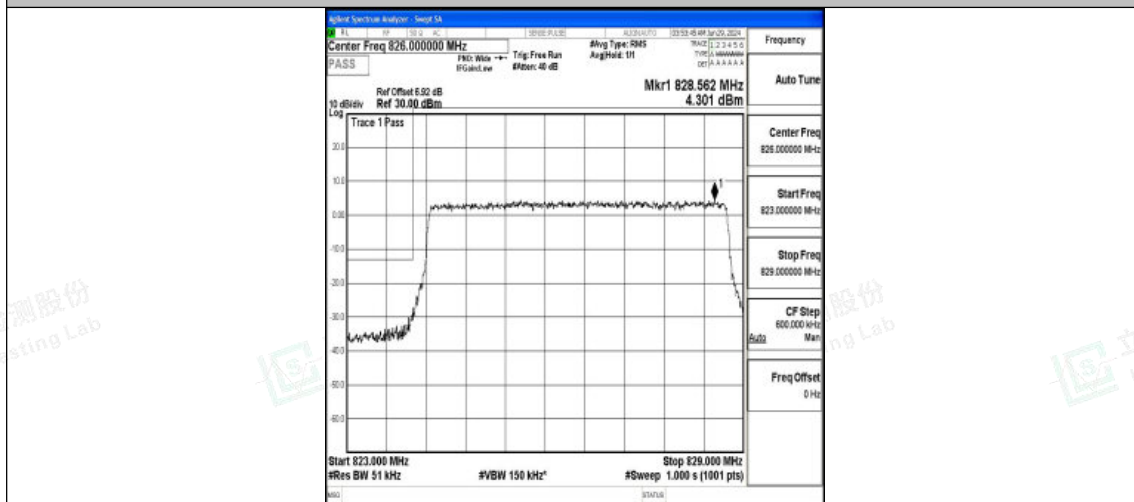


Band5_3MHz_QPSK_20635_15RB#0

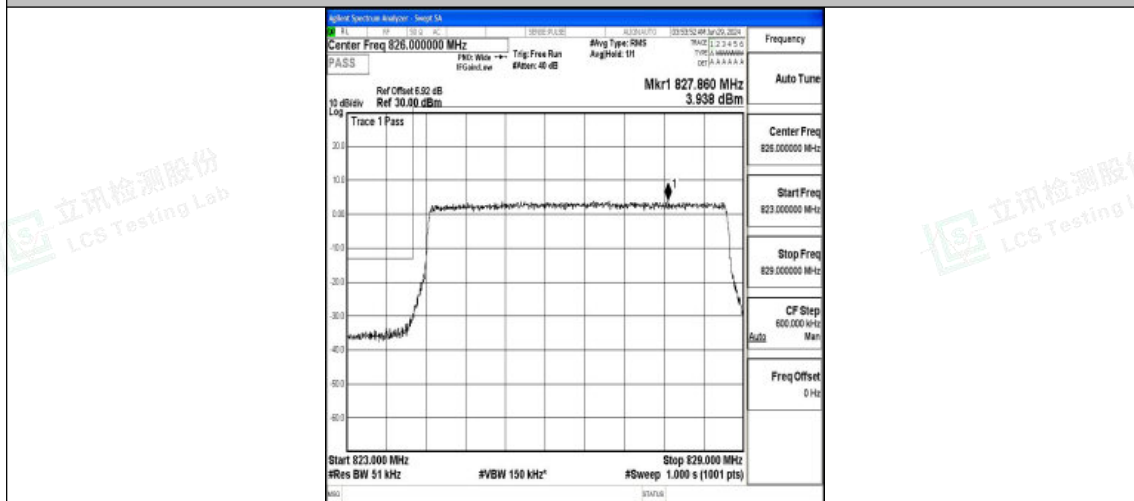




Band5_3MHz_16QAM_20635_15RB#0

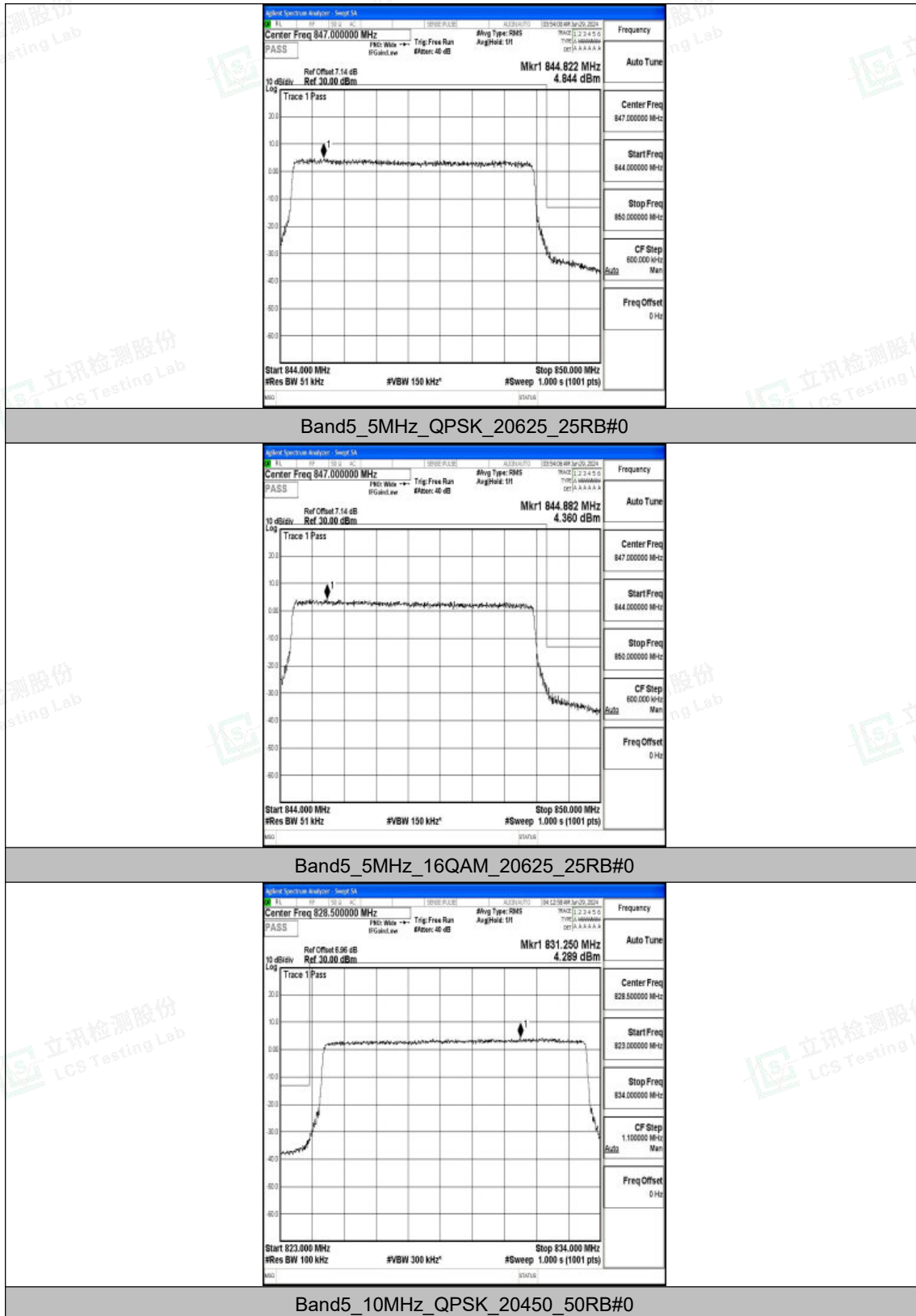


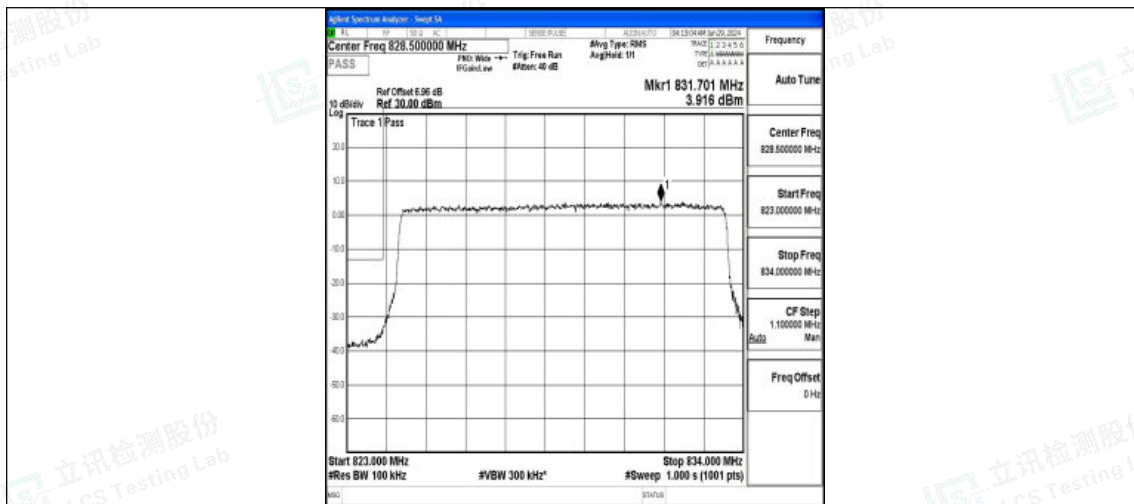
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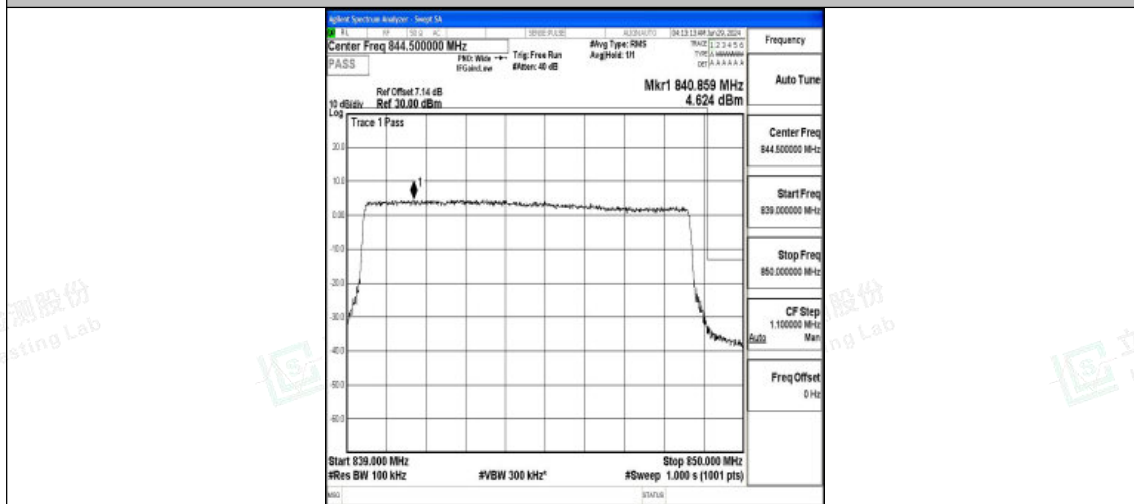
Band5_5MHz_16QAM_20425_25RB#0



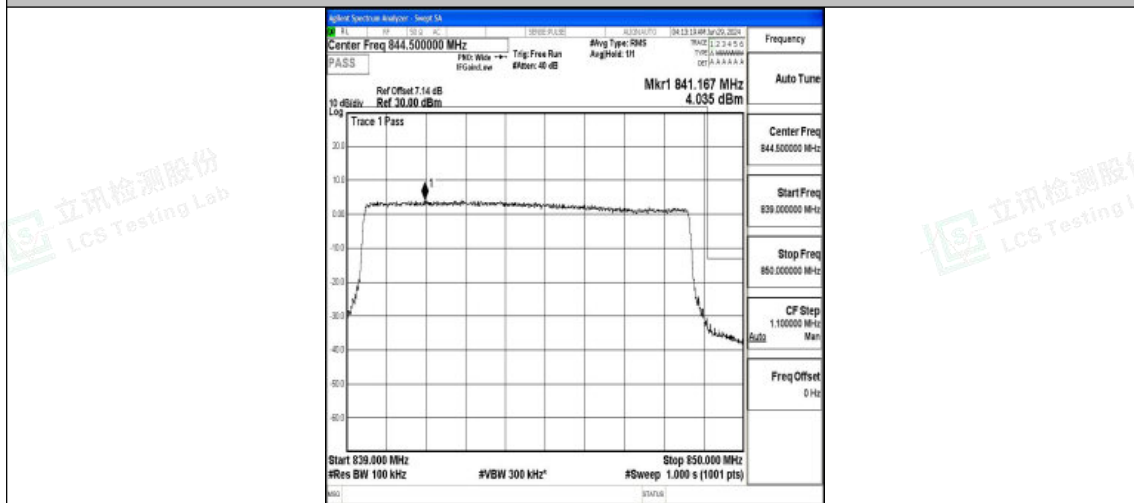




Band5_10MHz_16QAM_20450_50RB#0



Band5_10MHz_QPSK_20600_50RB#0



Band5_10MHz_16QAM_20600_50RB#0





H.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	-56.25	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-53.19	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-44.53	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-42.70	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-44.11	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-56.14	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-50.02	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-44.25	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-41.41	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-43.72	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-58.88	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-51.94	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-47.05	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-43.79	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-44.18	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-60.25	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-52.24	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-46.76	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-42.55	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-43.43	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-57.03	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-50.81	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-43.56	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-43.40	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-44.42	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-59.15	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-51.35	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-43.00	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-41.67	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-44.46	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-57.69	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-53.16	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-49.73	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-40.87	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-43.64	PASS



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Scan code to check authenticity



Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-57.92	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-52.47	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-48.14	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-41.35	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-43.97	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-57.07	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-50.12	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-51.10	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-43.04	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-43.71	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-56.08	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-52.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-47.97	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-42.75	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-43.43	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-58.16	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-50.67	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-46.63	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-41.32	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-44.17	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-57.35	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-50.25	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-48.68	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-40.53	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-44.13	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-56.75	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-52.02	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-57.51	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-42.14	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-44.12	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-58.44	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-51.78	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-56.83	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-42.62	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-43.98	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-55.02	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-52.33	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-57.32	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-43.08	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-44.07	PASS



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Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-59.69	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-52.78	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-60.15	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-43.59	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-44.01	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-58.07	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-52.05	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-58.68	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-42.66	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-44.01	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-58.15	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-52.12	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-57.16	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-42.48	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-44.15	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-55.81	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-51.35	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-62.04	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-41.97	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-44.26	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-57.12	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-50.51	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-61.50	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-40.77	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-43.76	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-56.19	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-53.22	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-61.92	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-43.00	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-43.86	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-56.37	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-52.79	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-61.87	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-41.91	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-43.65	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-59.07	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-51.60	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-61.81	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-44.54	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-44.00	PASS



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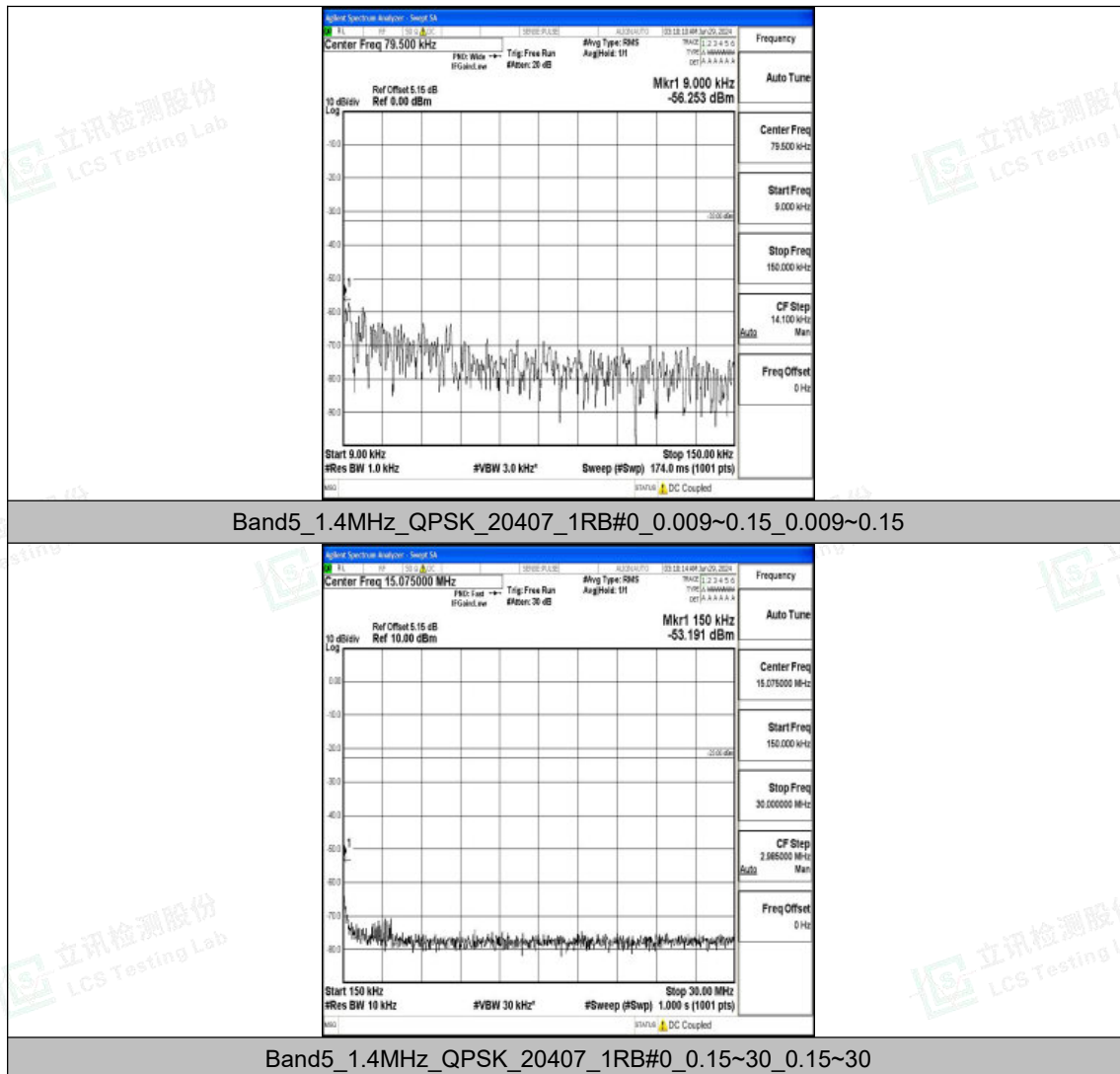
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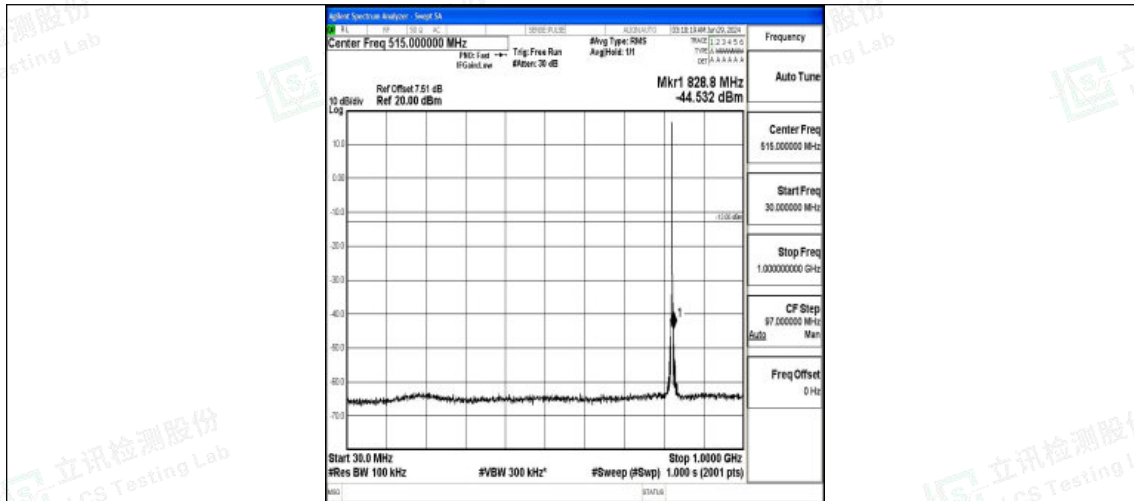
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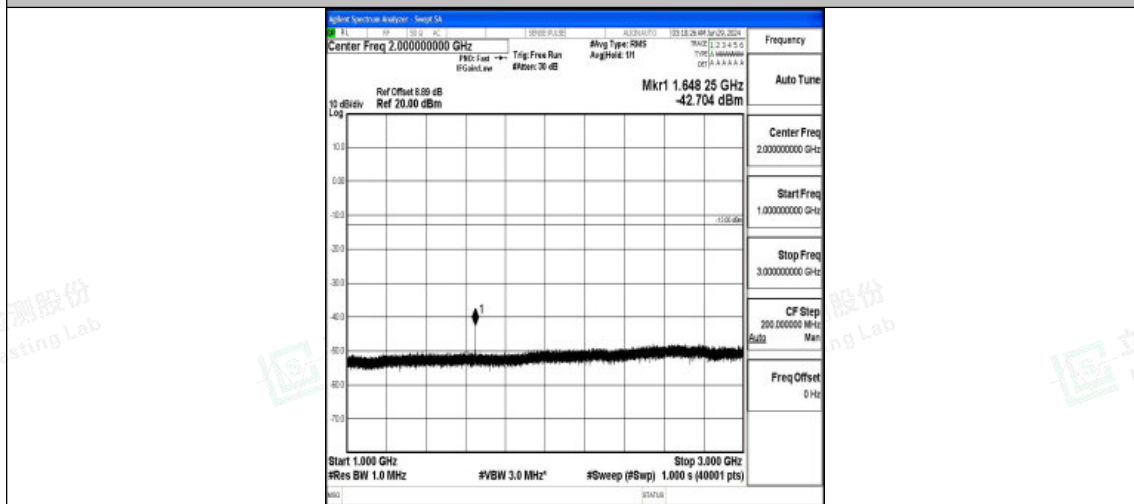
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-58.65	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-51.07	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-61.83	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-43.87	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-44.05	PASS

Test Graphs

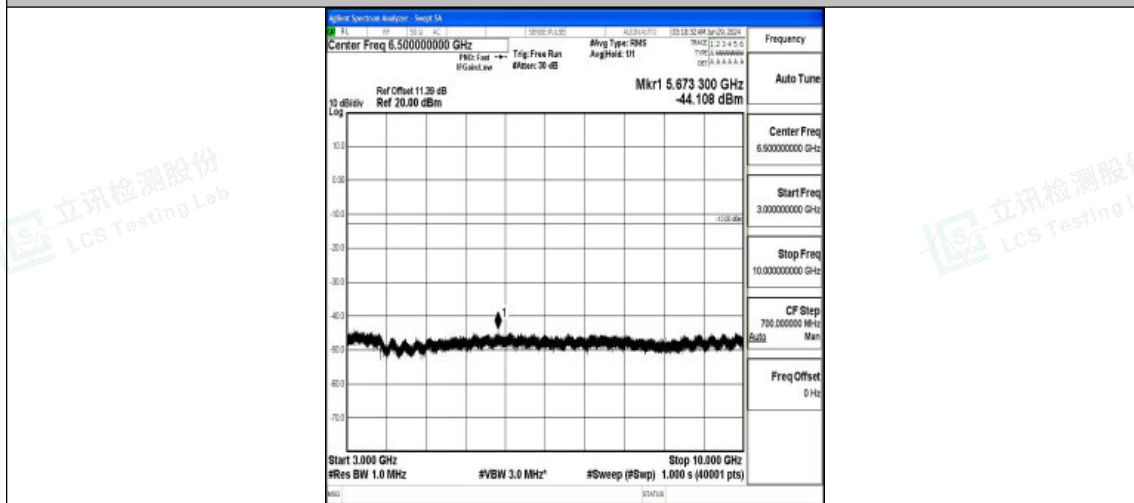




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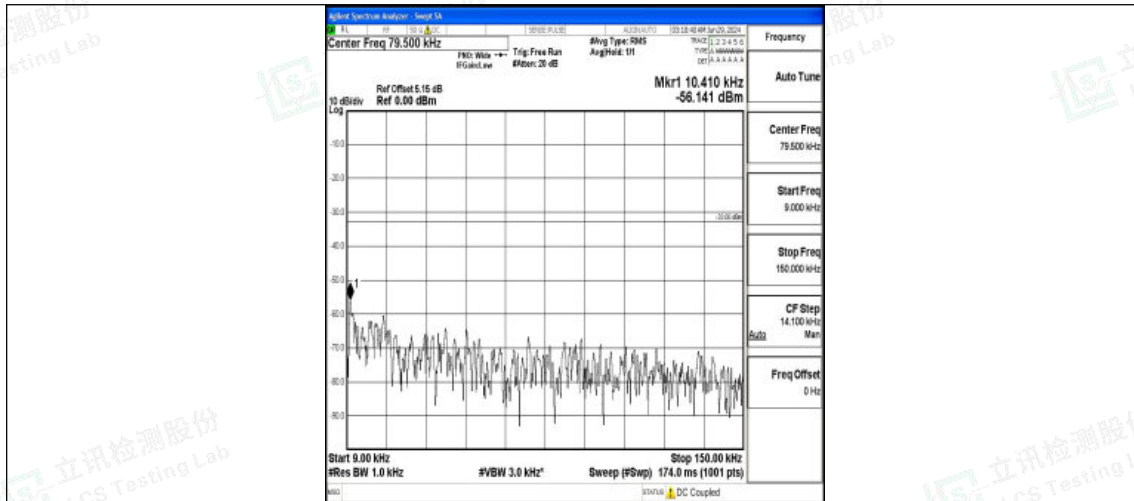


Band5_1.4MHz_QPSK_20407_1RB#0_1000~3000_1000~3000

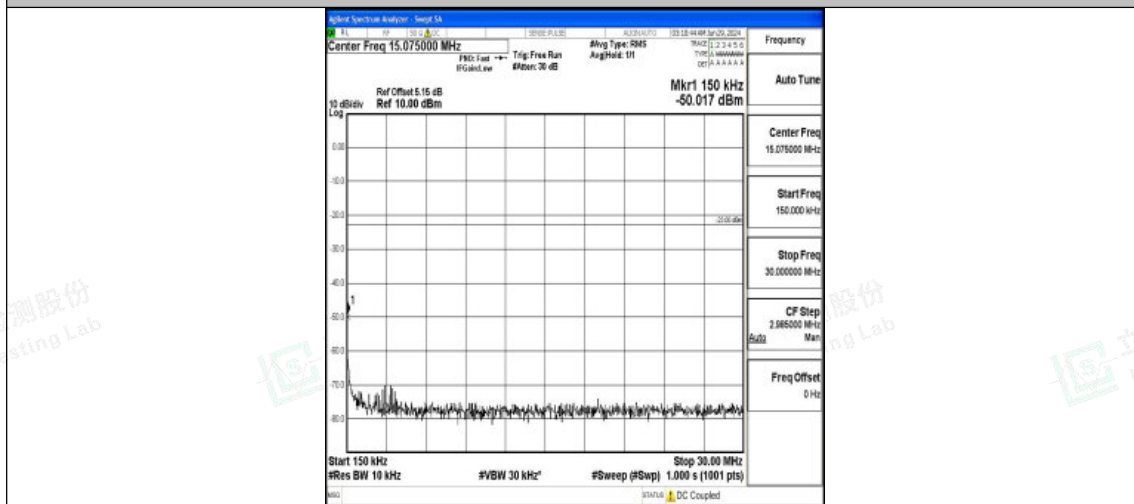


Band5_1.4MHz_QPSK_20407_1RB#0_3000~10000_3000~10000

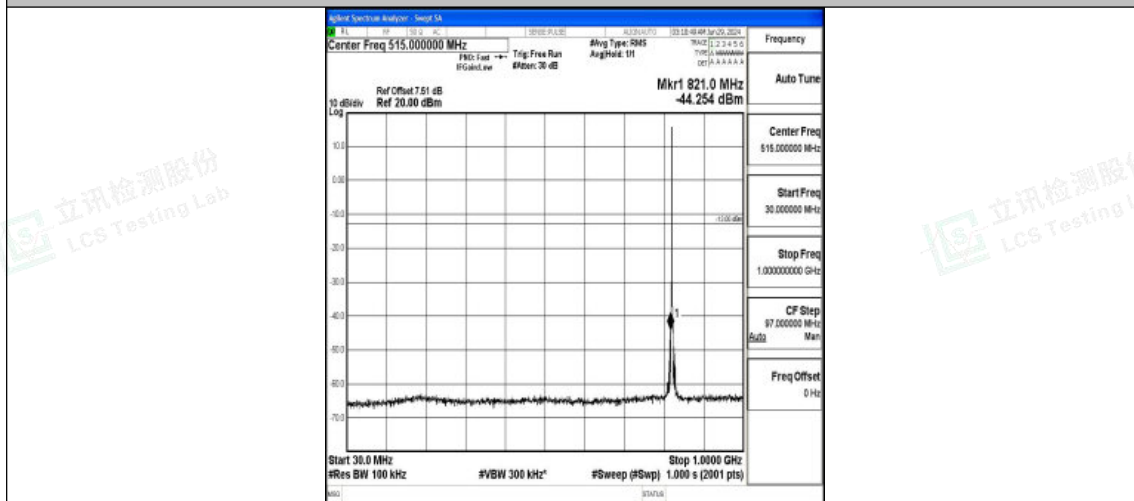




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Band5_1.4MHz_16QAM_20407_1RB#0_0.15~30_0.15~30



Band5_1.4MHz_16QAM_20407_1RB#0_30~1000_30~1000

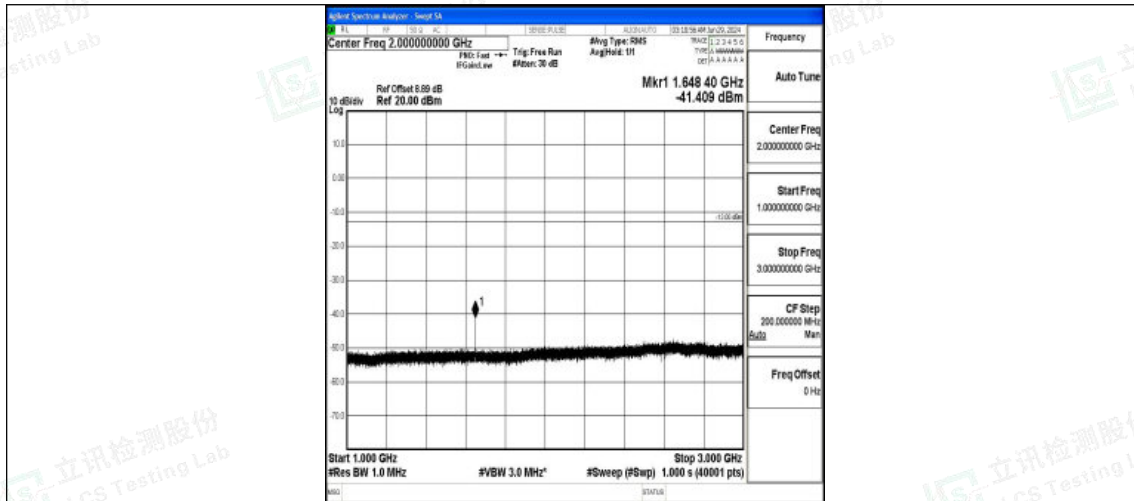


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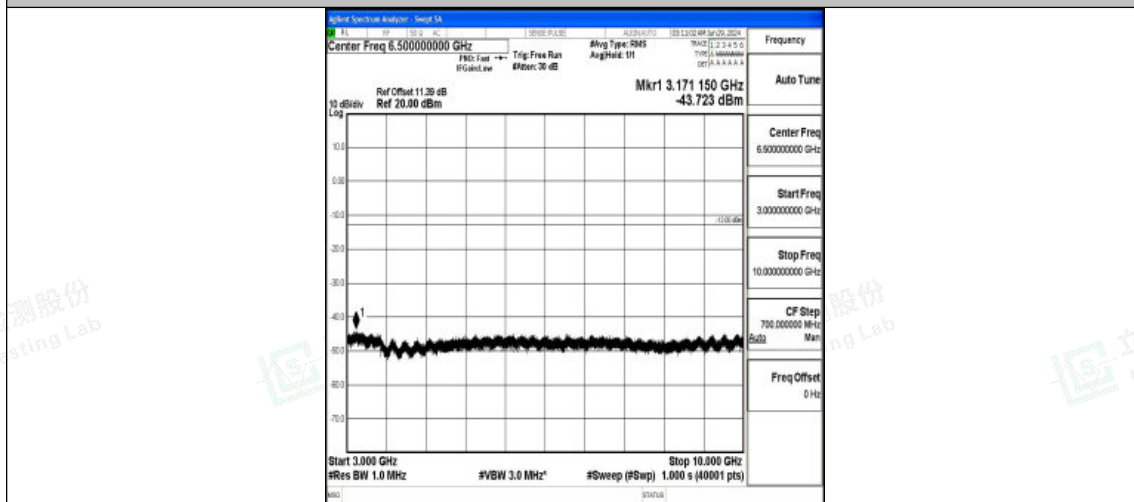
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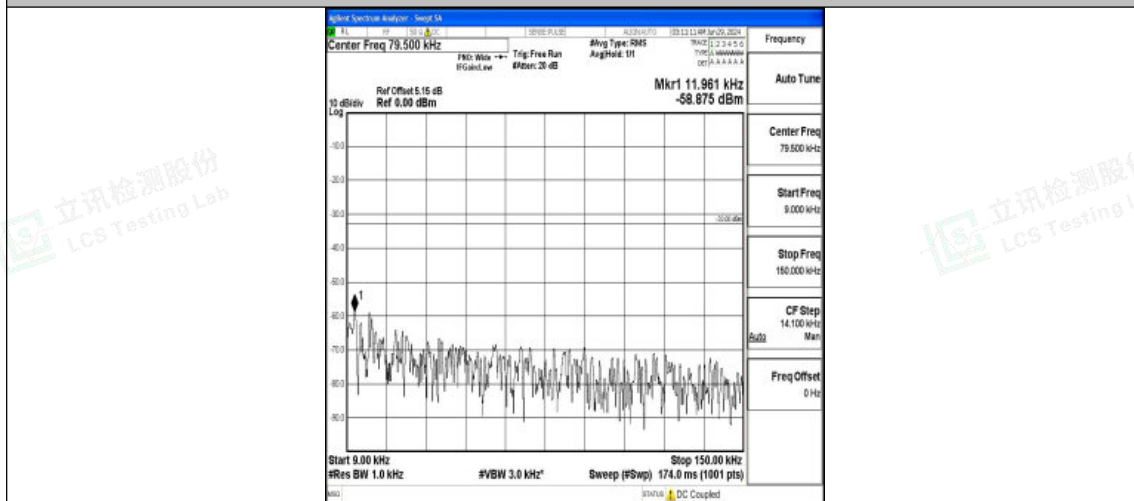
Scan code to check authenticity



Band5_1.4MHz_16QAM_20407_1RB#0_1000~3000_1000~3000

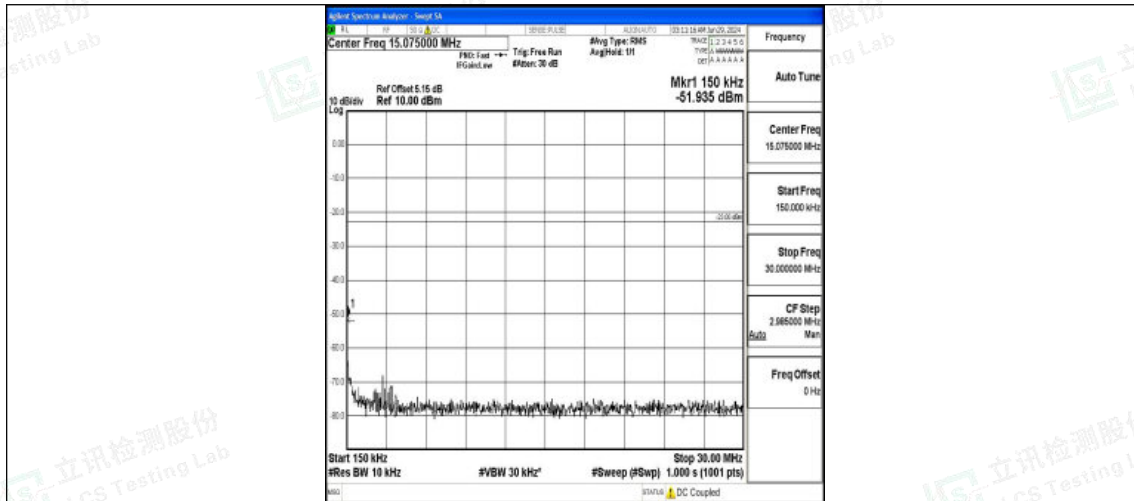


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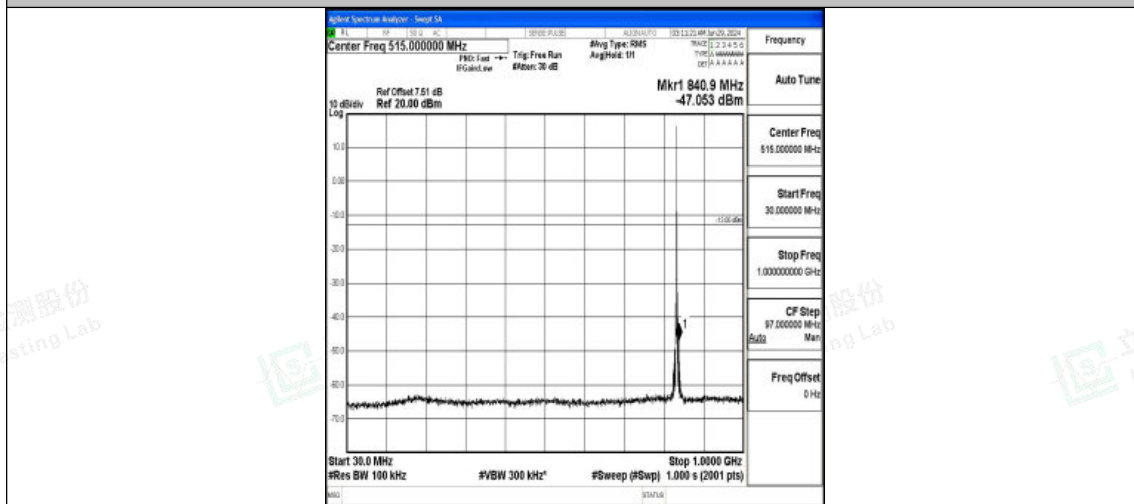


Band5_1.4MHz_QPSK_20525_1RB#0_0.009~0.15_0.009~0.15

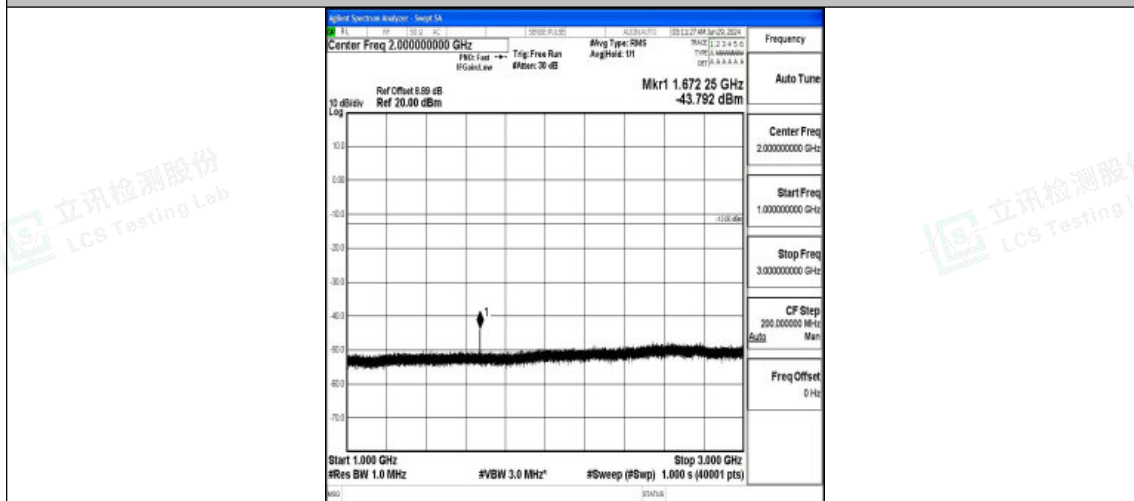




Band5_1.4MHz_QPSK_20525_1RB#0_0.15~30_0.15~30

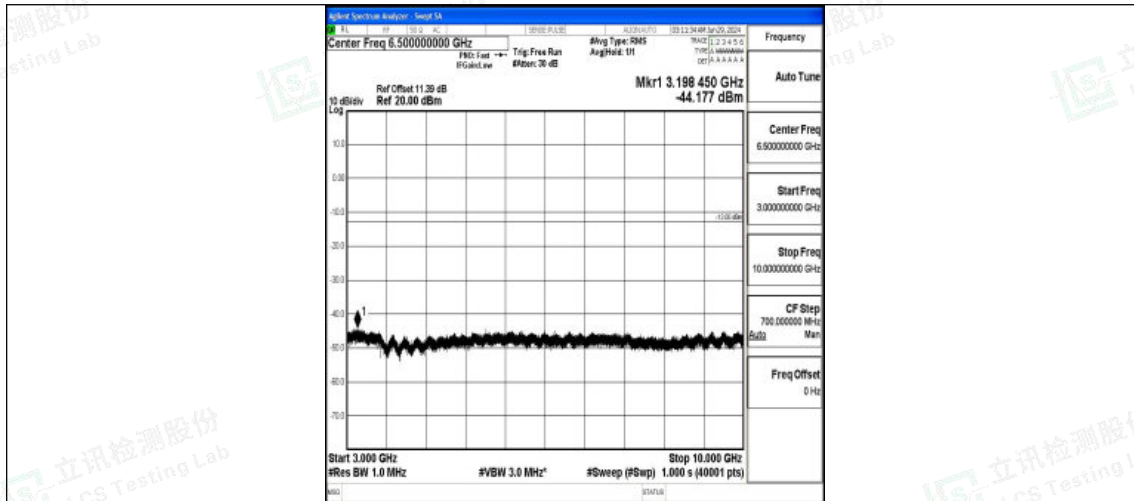


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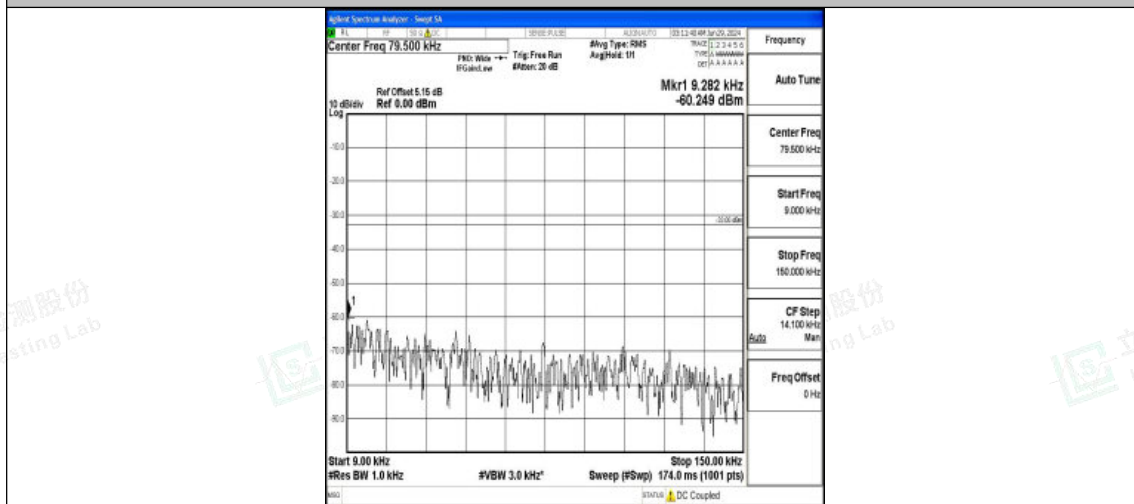


Band5_1.4MHz_QPSK_20525_1RB#0_1000~3000_1000~3000

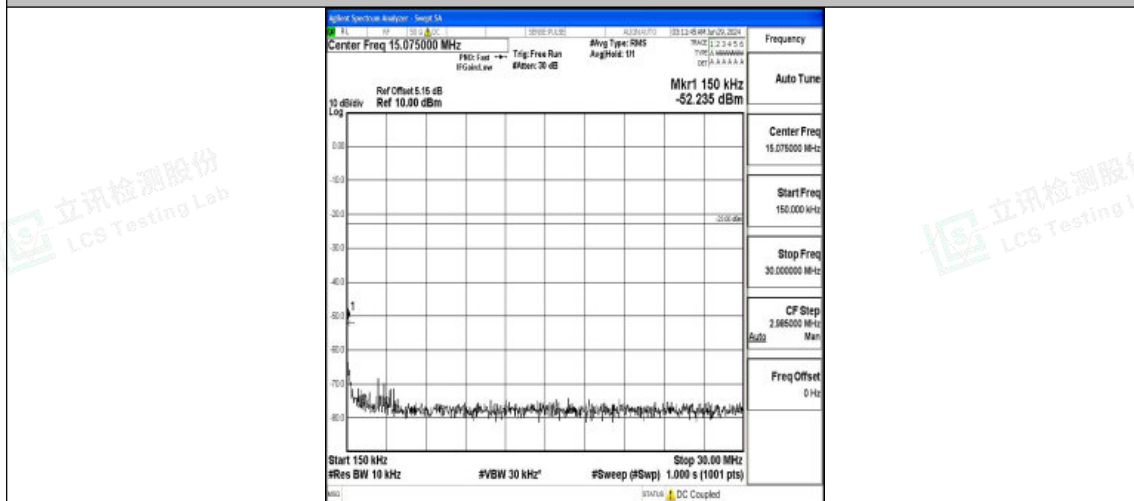




Band5_1.4MHz_QPSK_20525_1RB#0_3000~10000_3000~10000

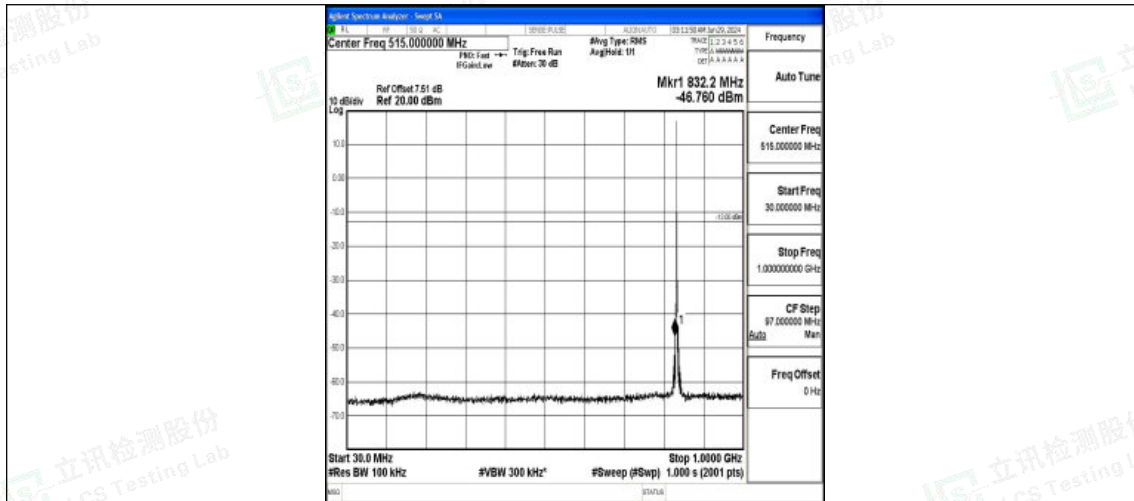


Band5_1.4MHz_16QAM_20525_1RB#0_0.009~0.15_0.009~0.15

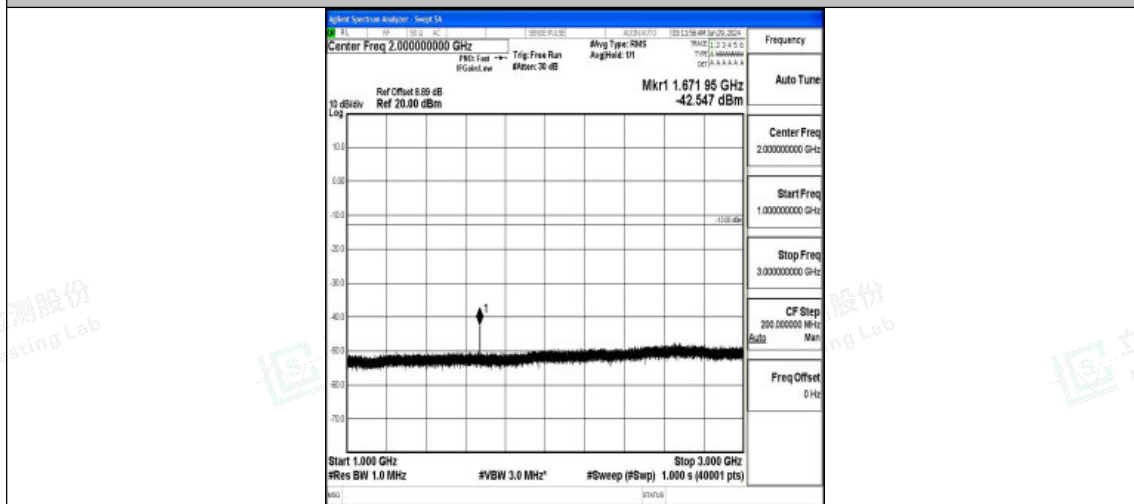


Band5_1.4MHz_16QAM_20525_1RB#0_0.15~30_0.15~30

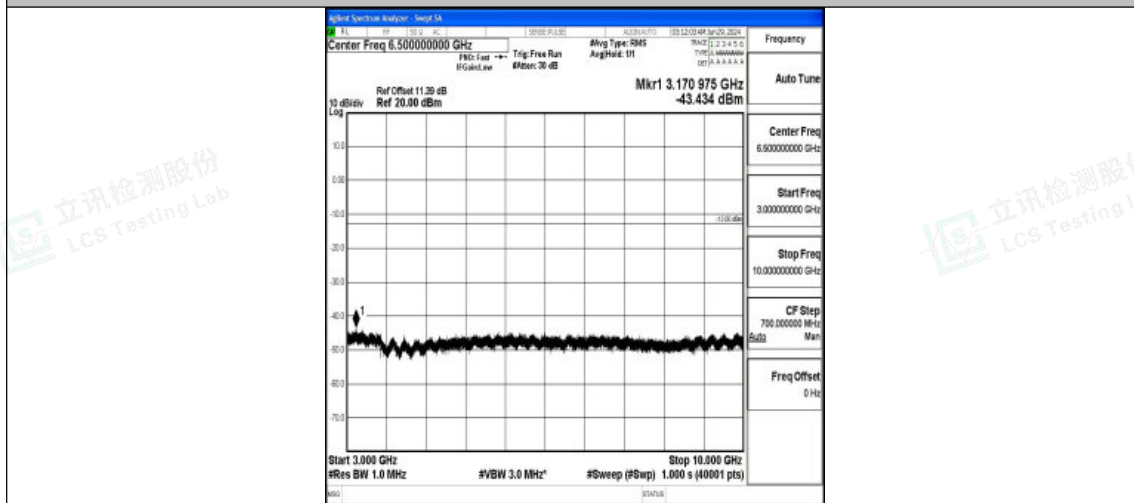




Band5_1.4MHz_16QAM_20525_1RB#0_30~1000_30~1000

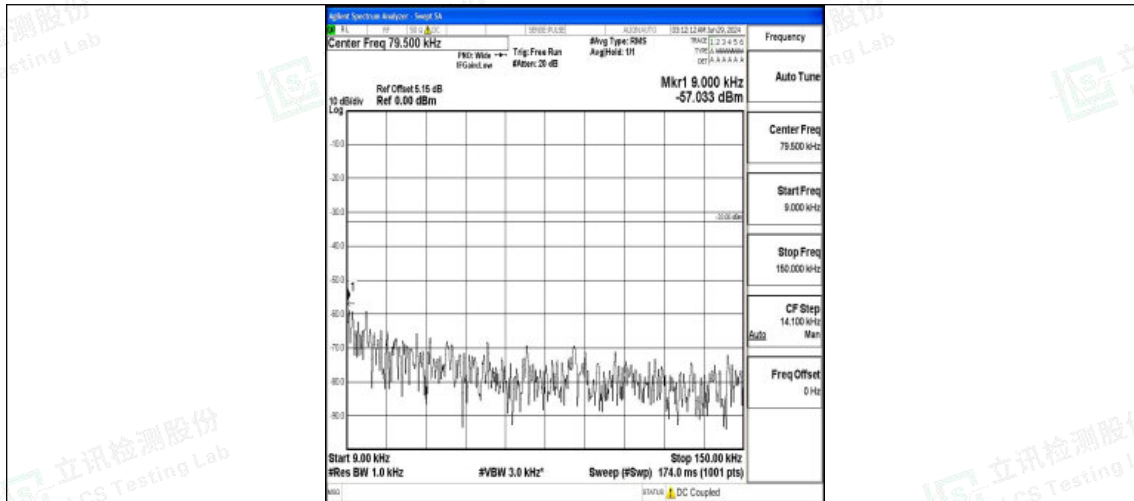


Band5_1.4MHz_16QAM_20525_1RB#0_1000~3000_1000~3000

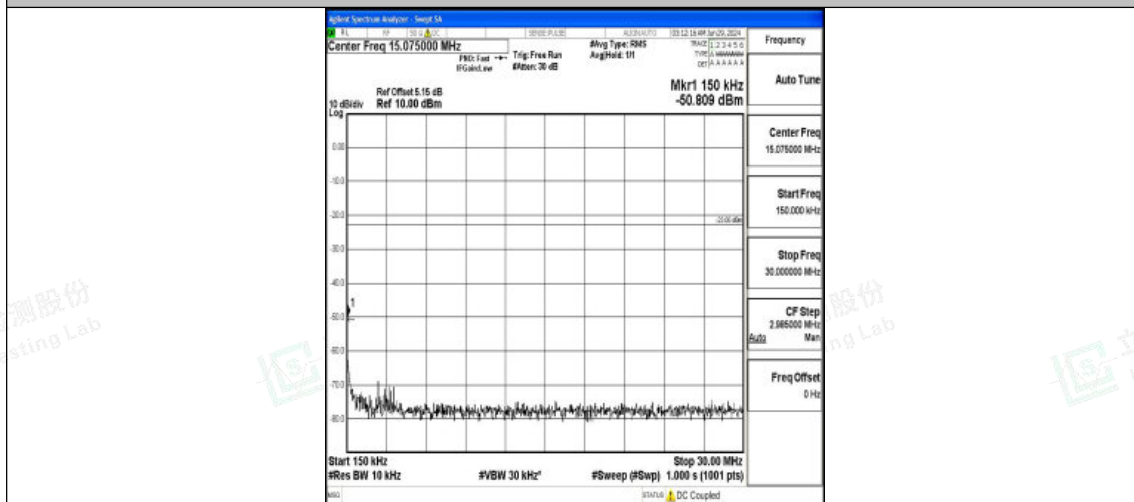


Band5_1.4MHz_16QAM_20525_1RB#0_3000~10000_3000~10000

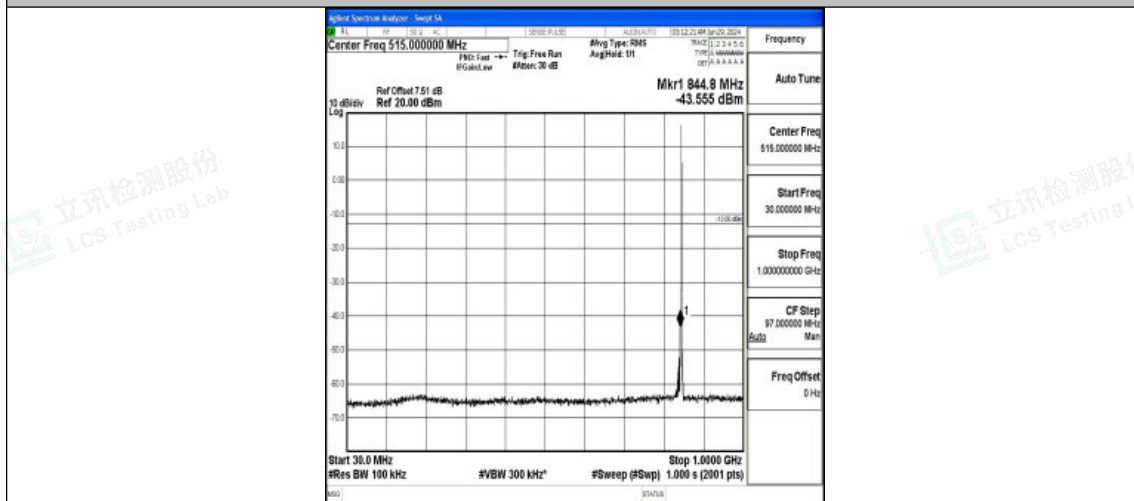




Band5_1.4MHz_QPSK_20643_1RB#0_0.009~0.15_0.009~0.15



Band5_1.4MHz_QPSK_20643_1RB#0_0.15~30_0.15~30



Band5_1.4MHz_QPSK_20643_1RB#0_30~1000_30~1000

