



Appendix C: Test Data for E-UTRA Band 5

Product Name: 4G long power supply camera

Test Model: AJ-Q10-4G

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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Scan code to check authenticity



C.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.51	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	24.78	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.53	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	24.86	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	24.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	24.34	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.47	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	24.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.43	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	24.40	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.42	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	24.43	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.59	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	23.29	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.00	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.86	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.93	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.74	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.02	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.87	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.18	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	24.06	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.09	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	24.13	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.23	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	24.22	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.25	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.91	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.54	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.83	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.59	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.78	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.54	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.56	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.67	PASS



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Band5	1.4MHz	16QAM	20643	3RB#0	23.65	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.64	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	23.65	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.60	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	23.58	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.95	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.40	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.58	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.93	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.53	PASS
Band5	3MHz	16QAM	20415	1RB#8	24.00	PASS
Band5	3MHz	QPSK	20415	1RB#14	24.58	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.97	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.54	PASS
Band5	3MHz	16QAM	20415	8RB#0	23.66	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.66	PASS
Band5	3MHz	16QAM	20415	8RB#4	23.66	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.65	PASS
Band5	3MHz	16QAM	20415	8RB#7	23.66	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.65	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.99	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.27	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.87	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.14	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.87	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.21	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.79	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.15	PASS
Band5	3MHz	16QAM	20525	8RB#0	23.15	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.15	PASS
Band5	3MHz	16QAM	20525	8RB#4	23.15	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.16	PASS
Band5	3MHz	16QAM	20525	8RB#7	23.26	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.16	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.41	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.57	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.70	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.53	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.64	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.09	PASS





Band5	3MHz	16QAM	20635	1RB#14	22.83	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.76	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.78	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.78	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.78	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.78	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.78	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.78	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.26	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.55	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.36	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.63	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.35	PASS
Band5	5MHz	QPSK	20425	1RB#24	24.38	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.29	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.60	PASS
Band5	5MHz	16QAM	20425	12RB#0	23.57	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.57	PASS
Band5	5MHz	16QAM	20425	12RB#6	23.57	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.62	PASS
Band5	5MHz	16QAM	20425	12RB#13	23.60	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.62	PASS
Band5	5MHz	16QAM	20425	25RB#0	23.15	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.94	PASS
Band5	5MHz	16QAM	20525	1RB#0	24.04	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.05	PASS
Band5	5MHz	16QAM	20525	1RB#12	24.01	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.78	PASS
Band5	5MHz	16QAM	20525	1RB#24	24.00	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.25	PASS
Band5	5MHz	16QAM	20525	12RB#0	23.22	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.22	PASS
Band5	5MHz	16QAM	20525	12RB#6	23.26	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.18	PASS
Band5	5MHz	16QAM	20525	12RB#13	23.18	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.22	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.49	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.51	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.91	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.60	PASS





Band5	5MHz	16QAM	20625	1RB#12	23.05	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.23	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.92	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.83	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.81	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.81	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.82	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.82	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.93	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.93	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.23	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.51	PASS
Band5	10MHz	16QAM	20450	1RB#0	24.01	PASS
Band5	10MHz	QPSK	20450	1RB#24	24.32	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.93	PASS
Band5	10MHz	QPSK	20450	1RB#49	24.21	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.73	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.68	PASS
Band5	10MHz	16QAM	20450	25RB#0	23.65	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.65	PASS
Band5	10MHz	16QAM	20450	25RB#12	23.60	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.35	PASS
Band5	10MHz	16QAM	20450	25RB#25	23.38	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.49	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.97	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.24	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.74	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.16	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.79	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.04	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.55	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.39	PASS
Band5	10MHz	16QAM	20525	25RB#0	23.39	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.39	PASS
Band5	10MHz	16QAM	20525	25RB#12	23.39	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.17	PASS
Band5	10MHz	16QAM	20525	25RB#25	23.24	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.23	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.73	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.51	PASS





Band5	10MHz	16QAM	20600	1RB#0	23.50	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.59	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.55	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.40	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.30	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.56	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.59	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.59	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.60	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.87	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.85	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.80	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.21	PASS





C.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	4.88	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	4.93	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.67	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.24	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.90	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.05	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.54	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.07	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.85	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	4.01	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.20	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	4.83	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.96	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	4.88	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.77	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.50	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.93	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.46	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.71	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.35	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.03	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.19	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.02	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.70	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.98	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.45	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.84	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.46	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.94	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.60	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.68	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.26	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.49	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.83	13	PASS



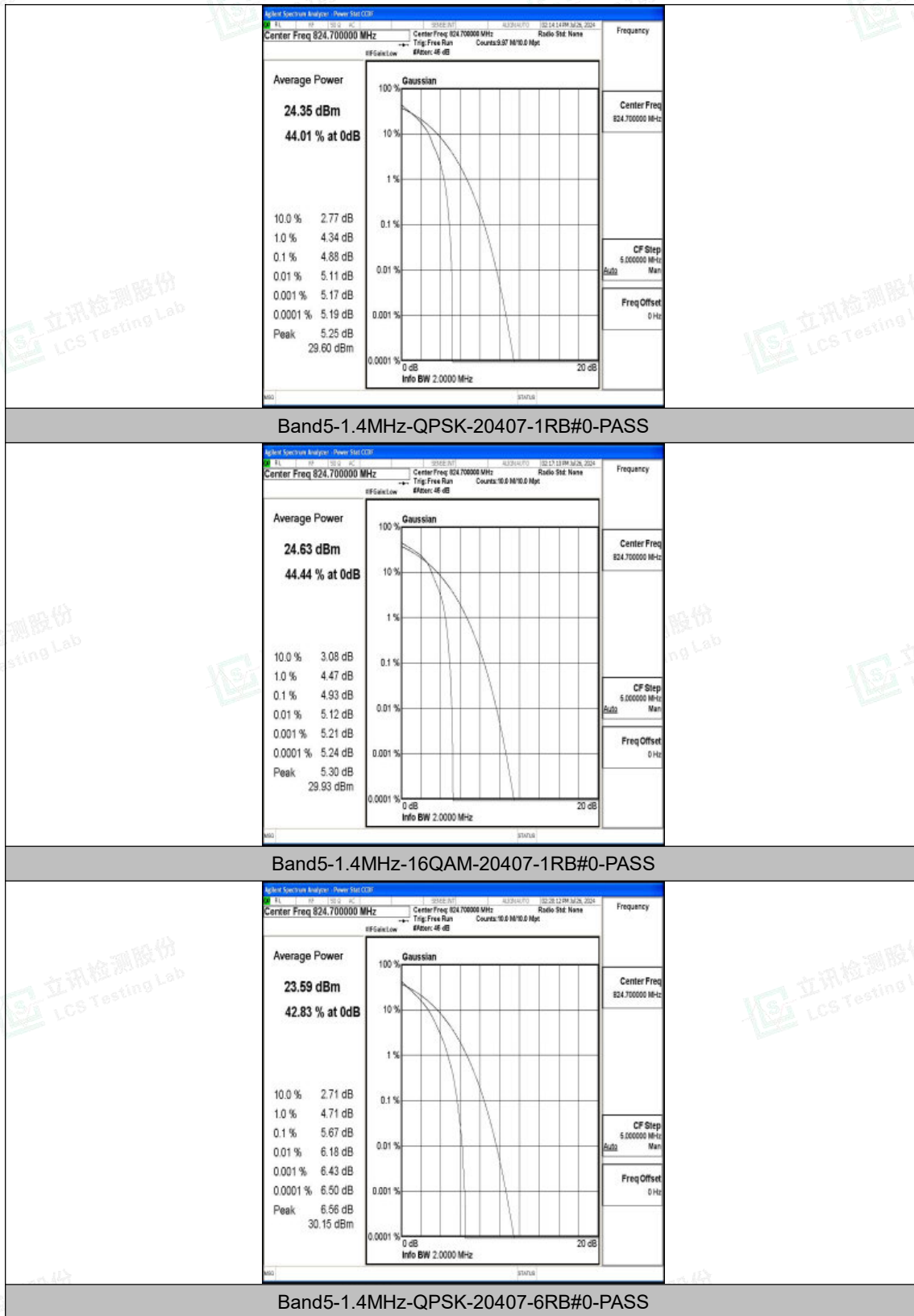


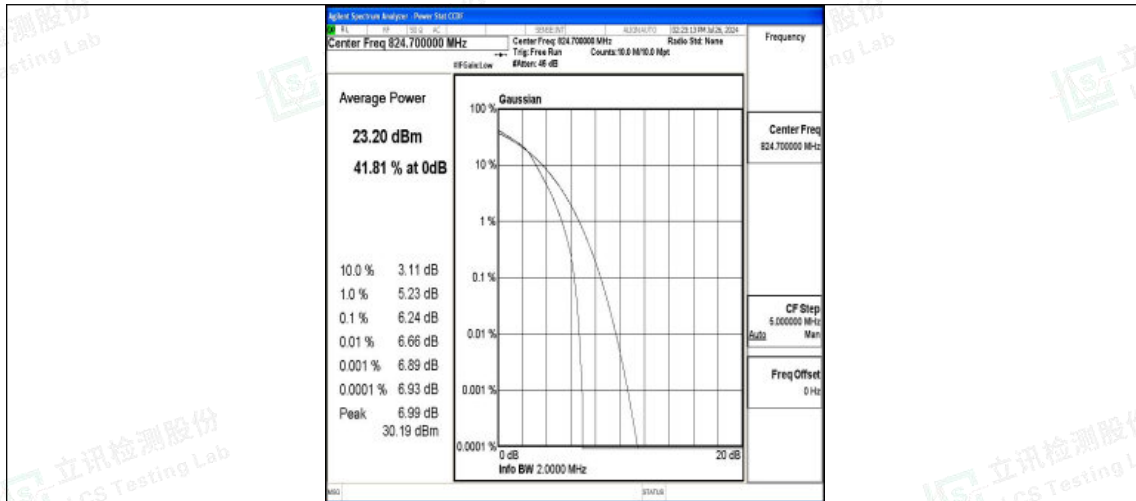
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Band5	5MHz	16QAM	20625	25RB#0	5.76	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.93	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.35	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.56	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.26	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.79	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.33	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.64	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.27	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.74	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.74	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.40	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.05	13	PASS



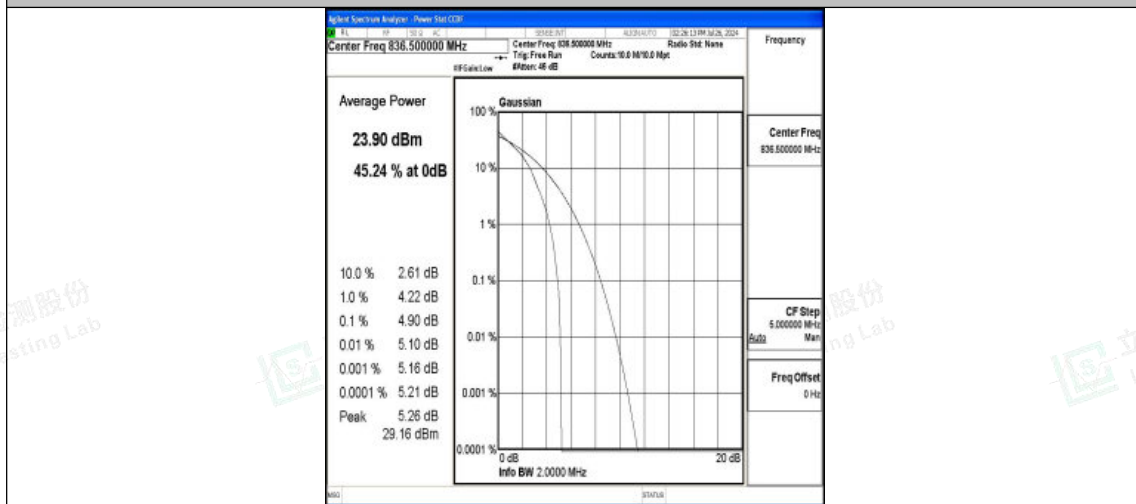


Test Graphs

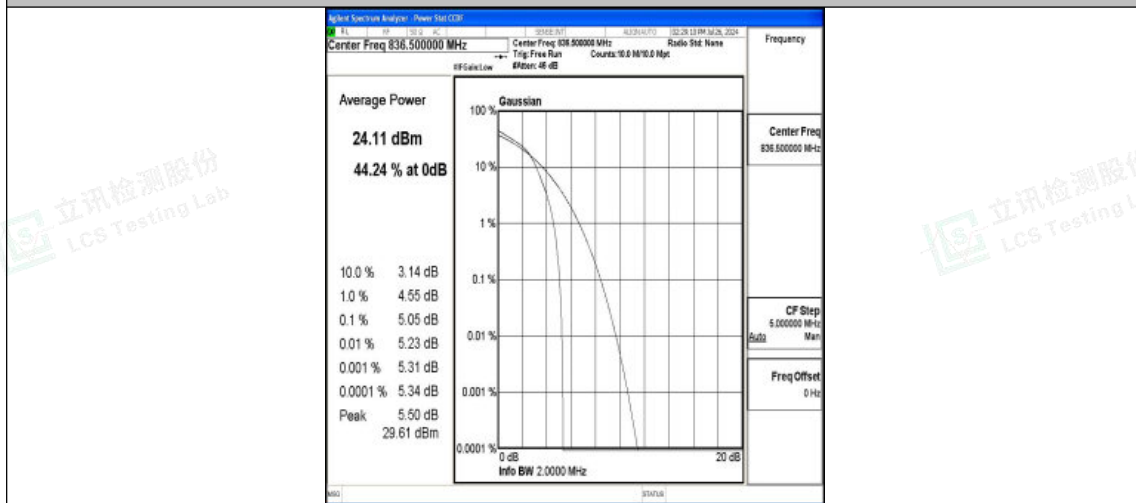




Band5-1.4MHz-16QAM-20407-6RB#0-PASS

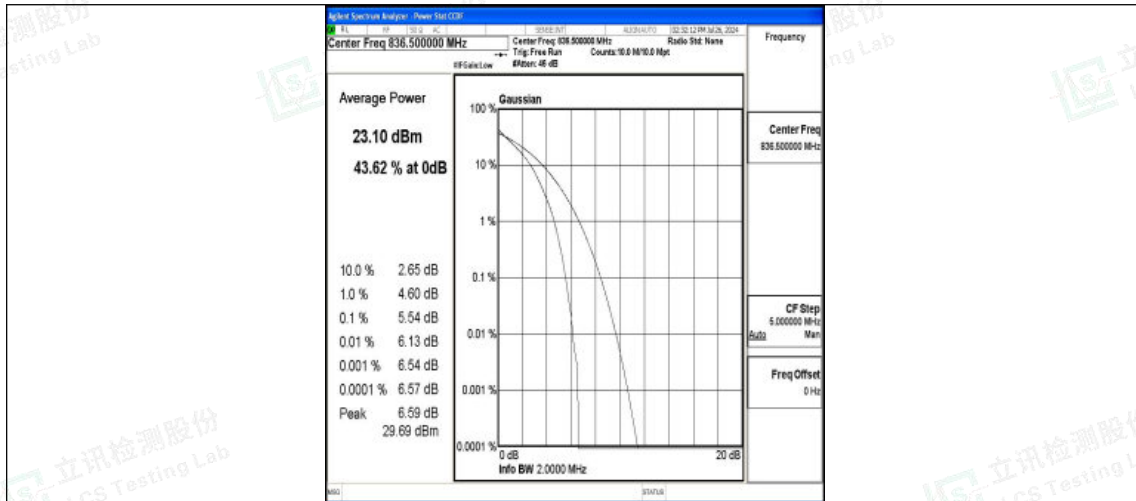


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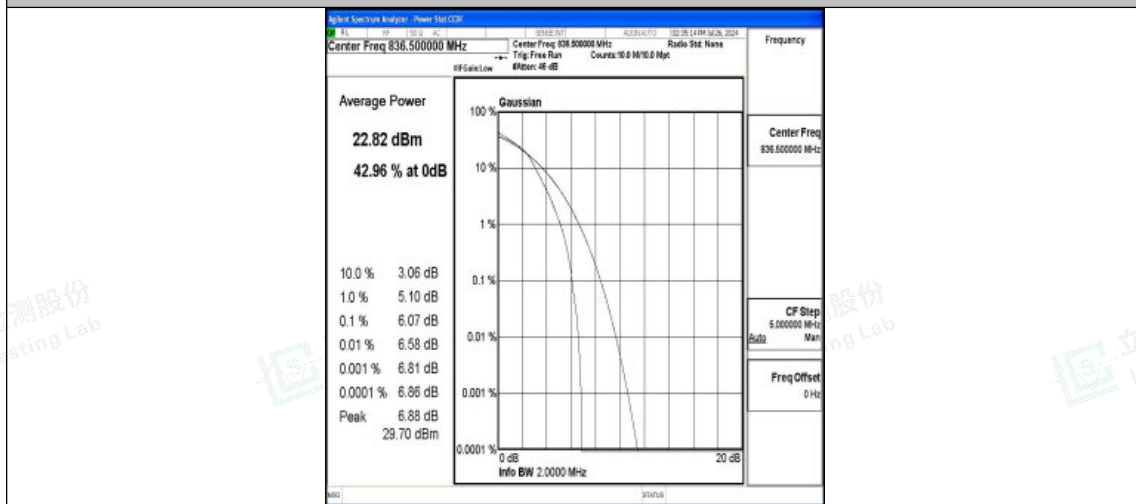


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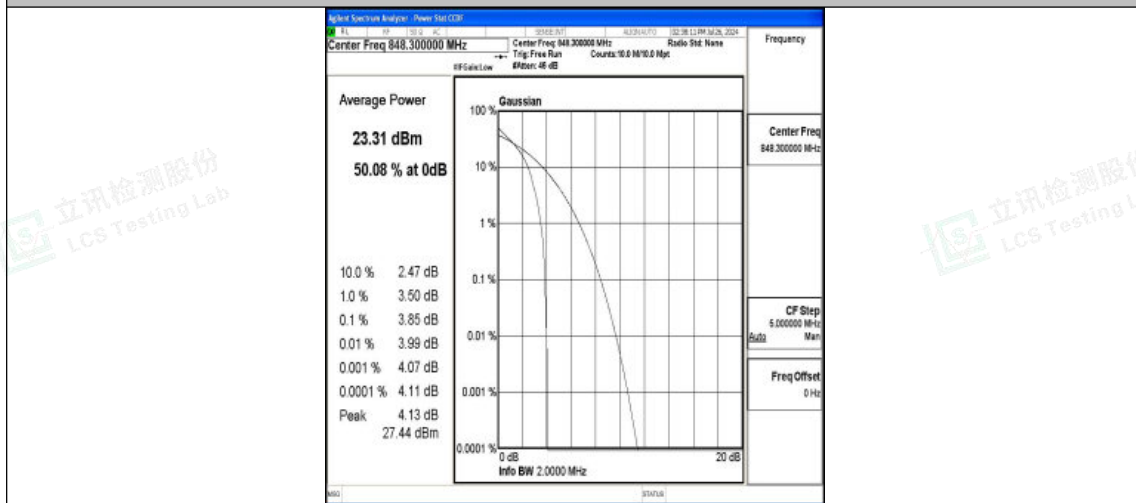




Band5-1.4MHz-QPSK-20525-6RB#0-PASS

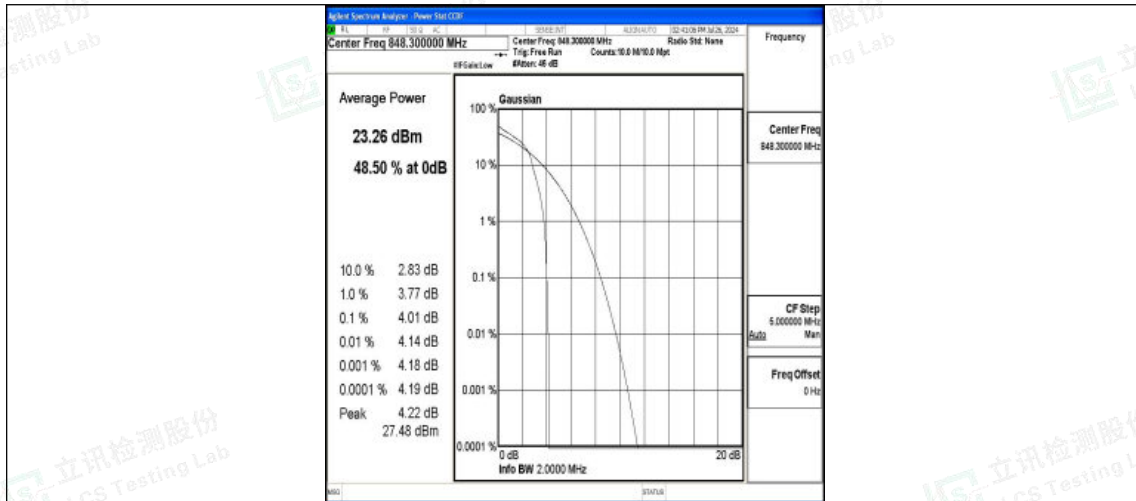


Band5-1.4MHz-16QAM-20525-6RB#0-PASS

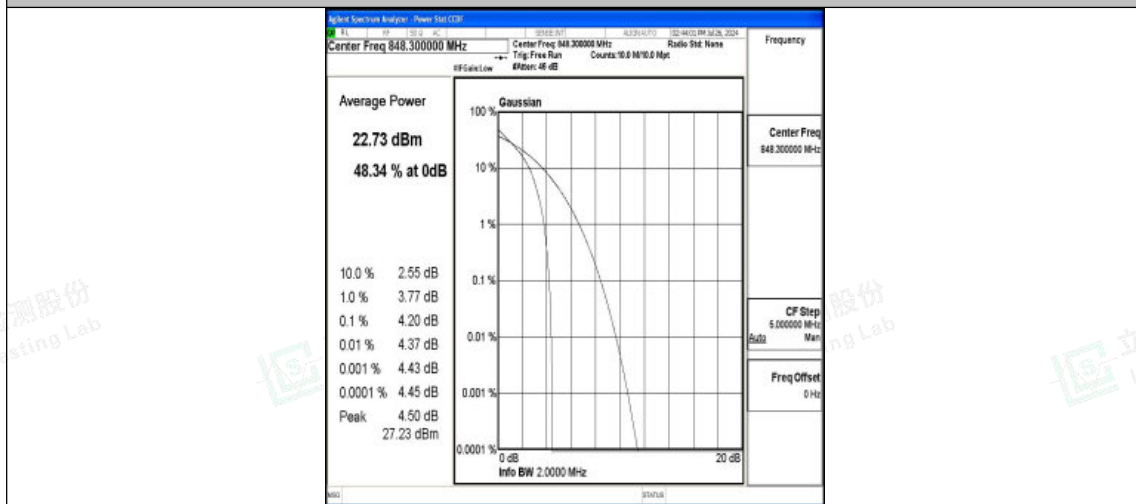


Band5-1.4MHz-QPSK-20643-1RB#0-PASS

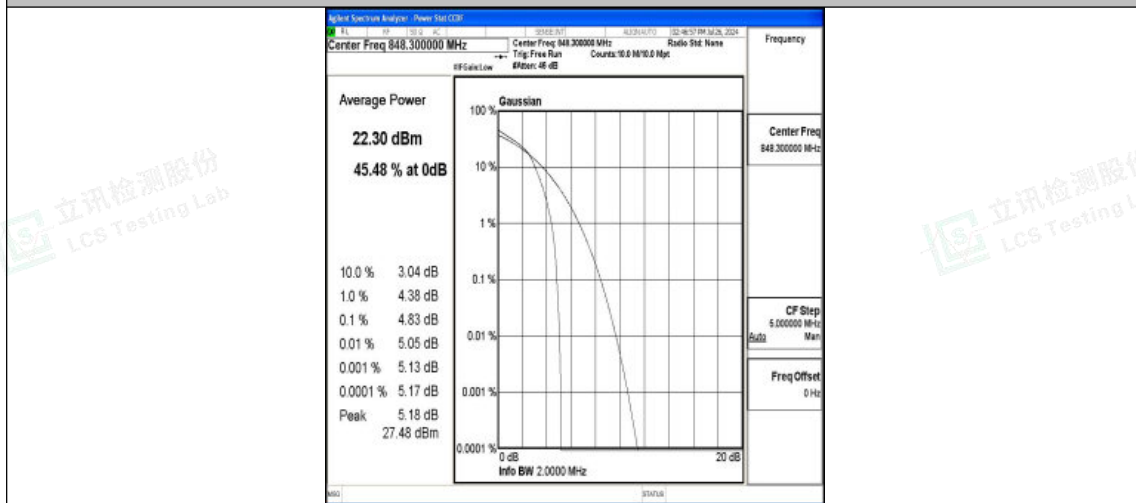




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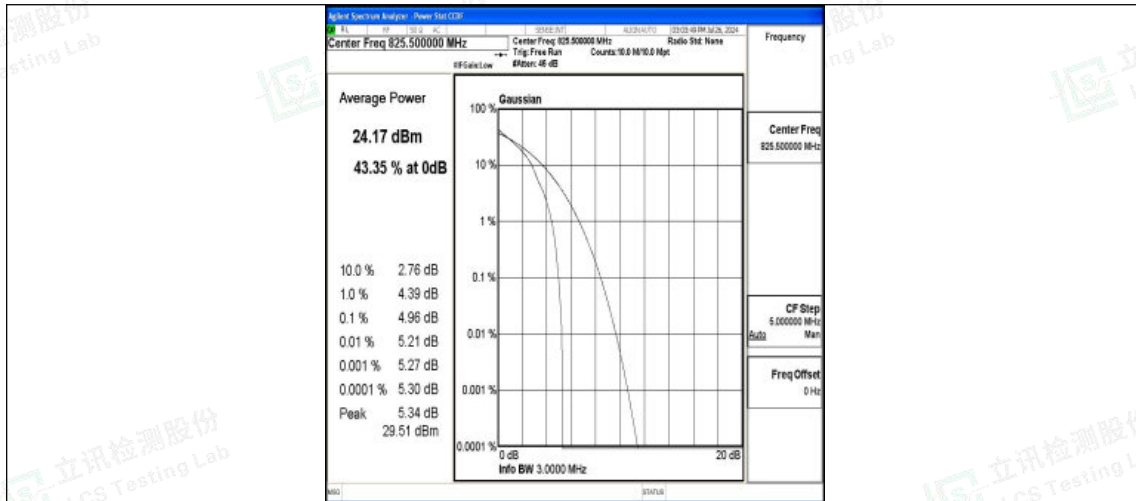


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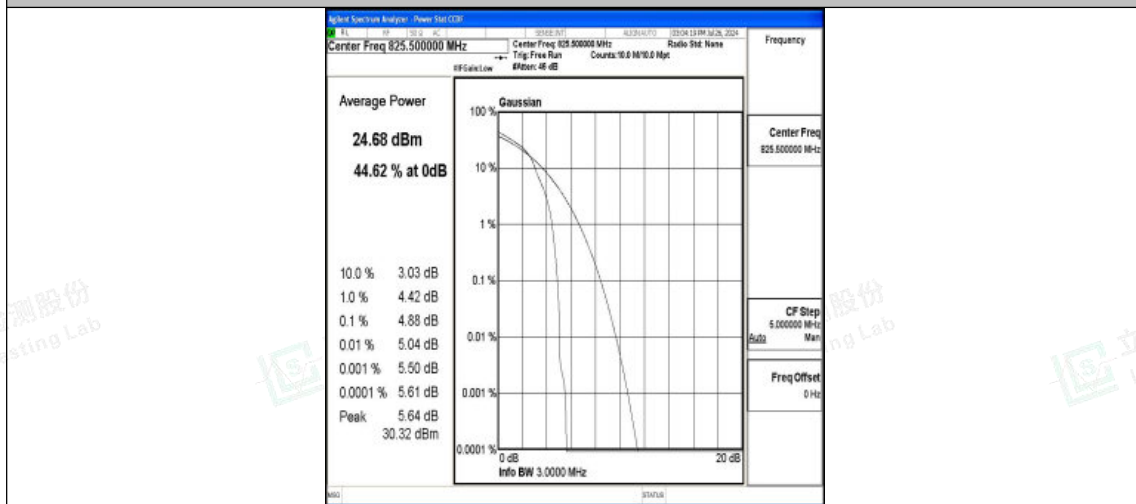


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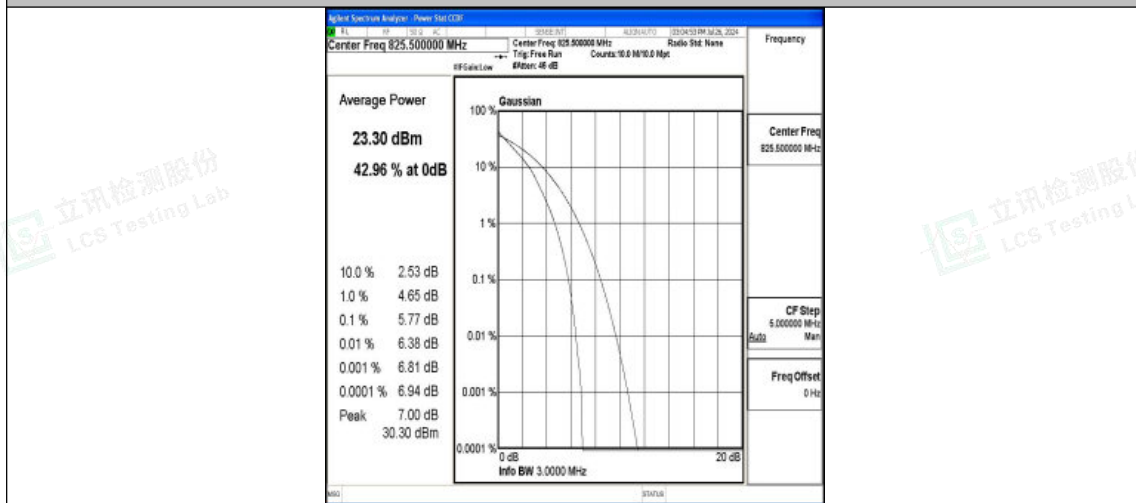




Band5-3MHz-QPSK-20415-1RB#0-PASS

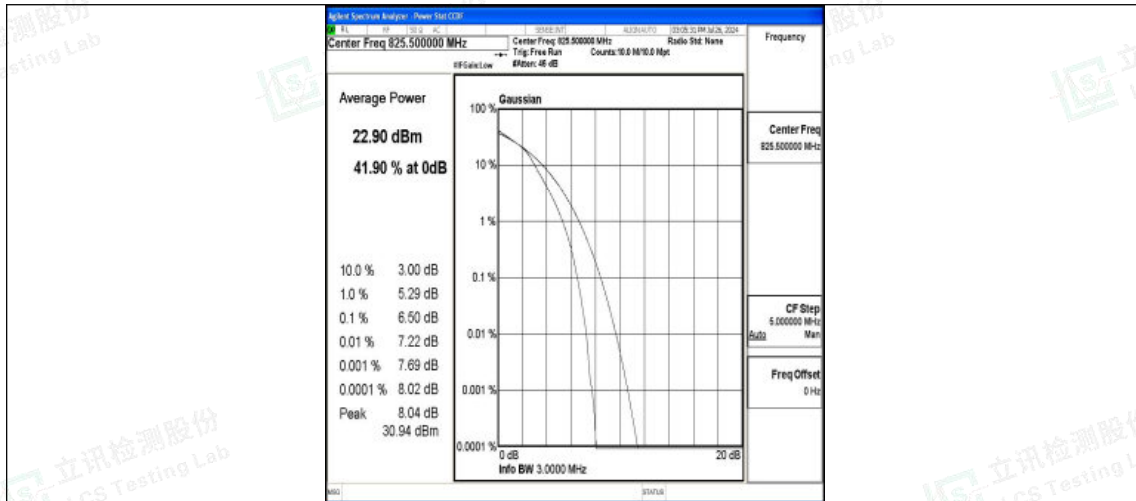


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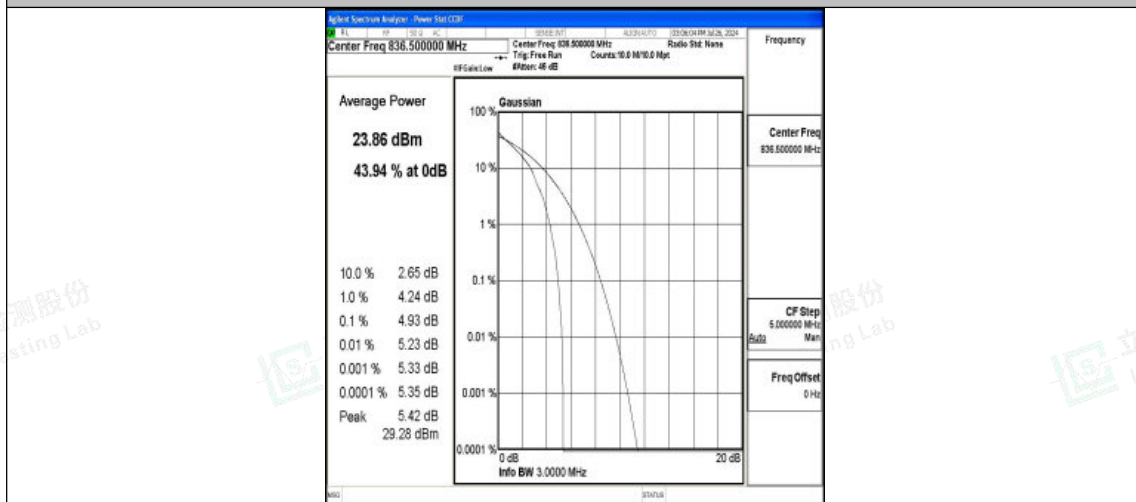


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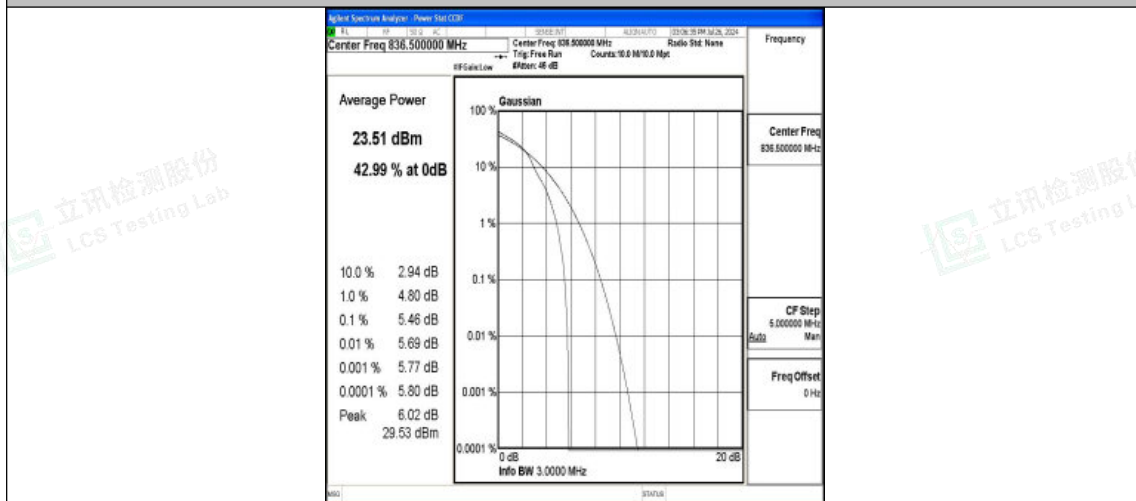




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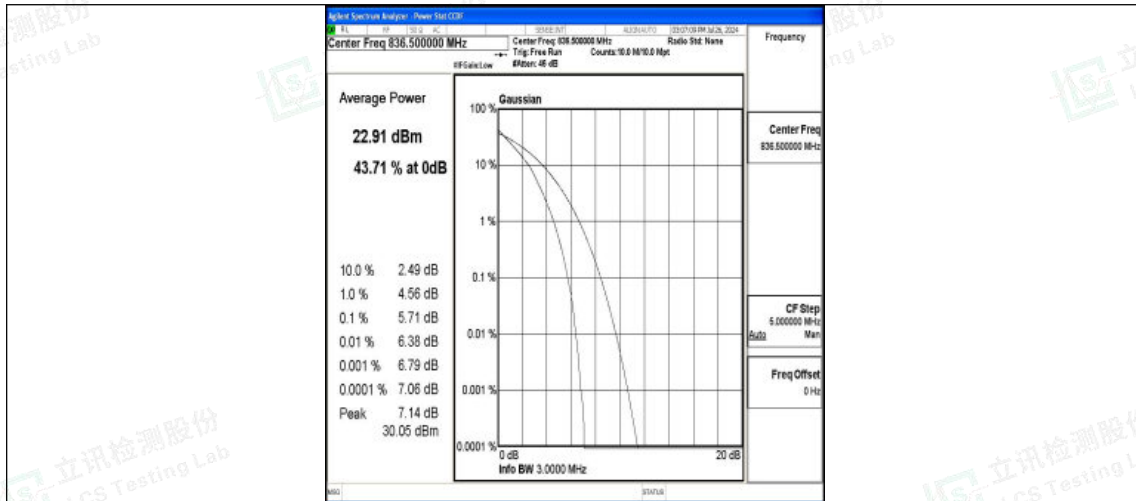


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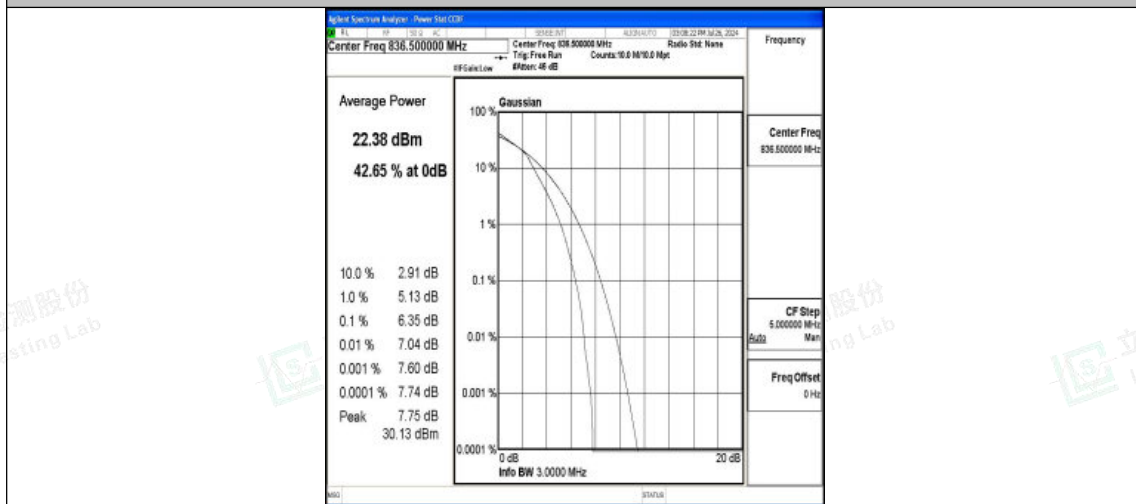


Band5-3MHz-16QAM-20525-1RB#0-PASS

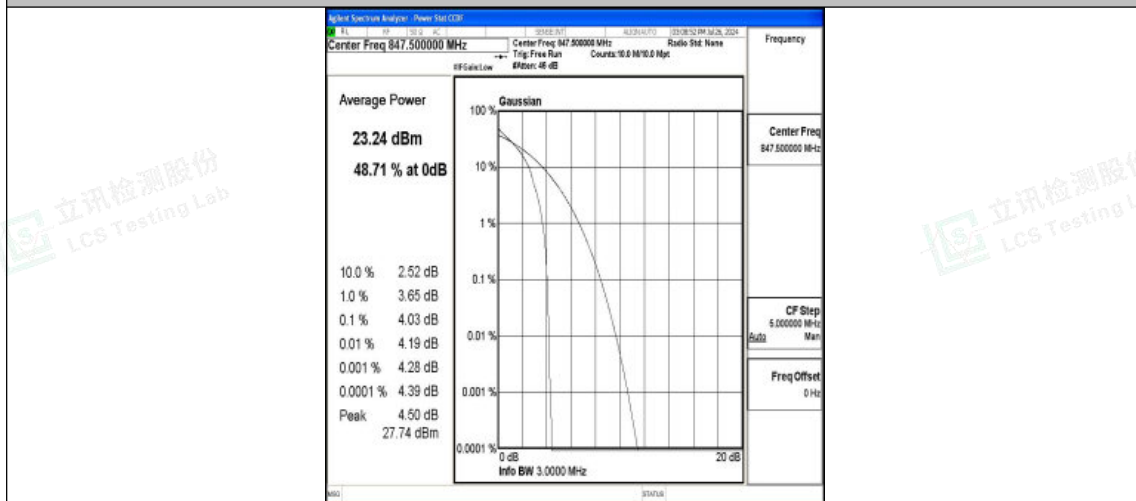




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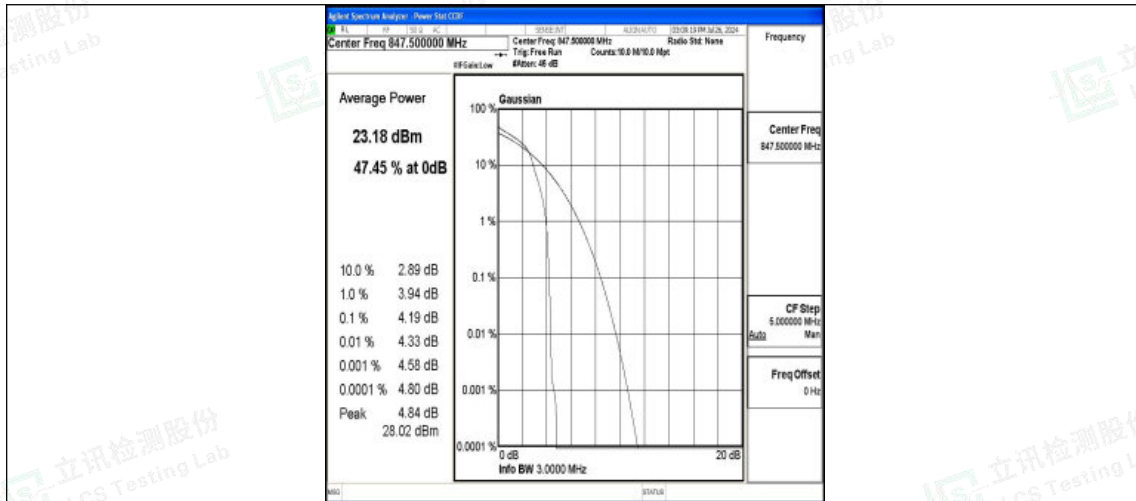


Band5-3MHz-16QAM-20525-15RB#0-PASS

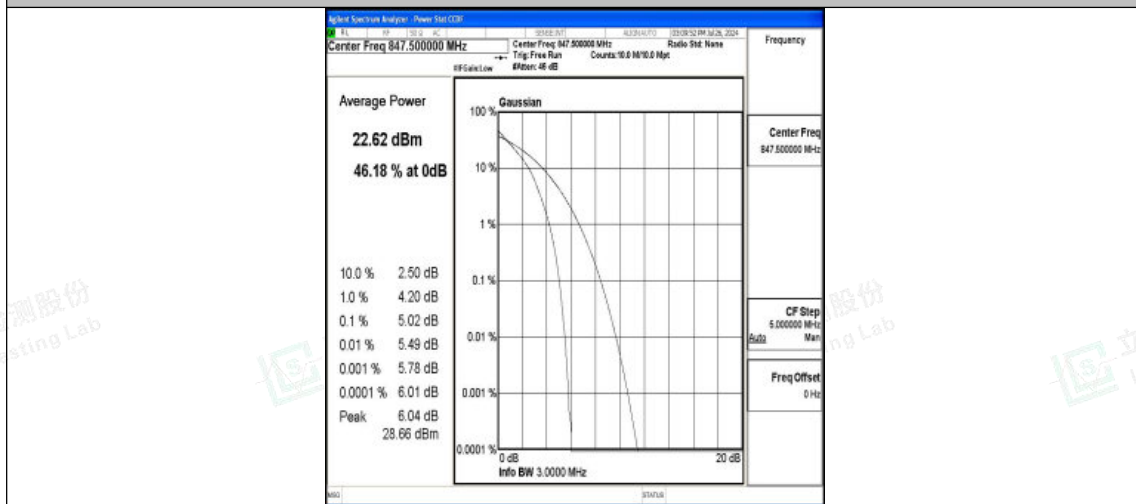


Band5-3MHz-QPSK-20635-1RB#0-PASS

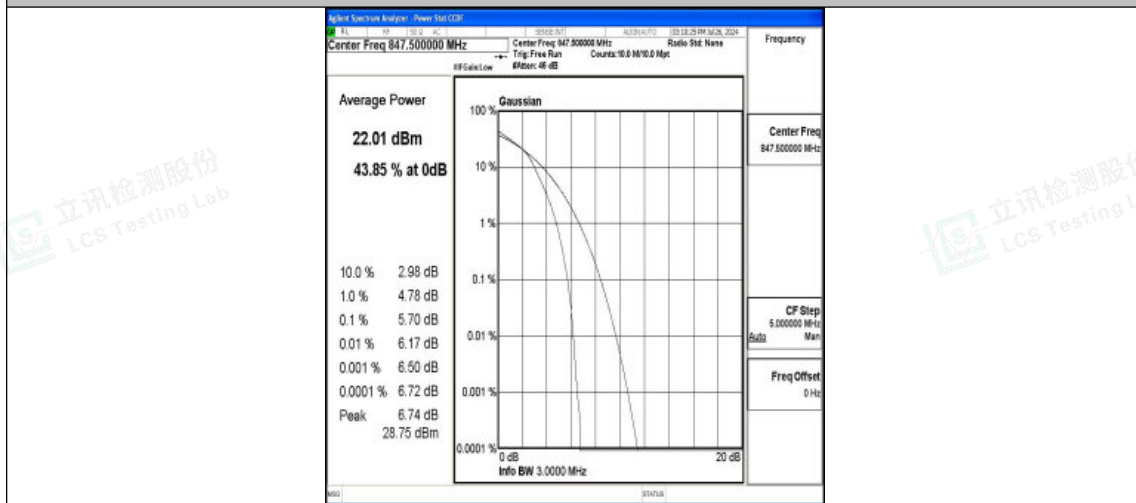




Band5-3MHz-16QAM-20635-1RB#0-PASS

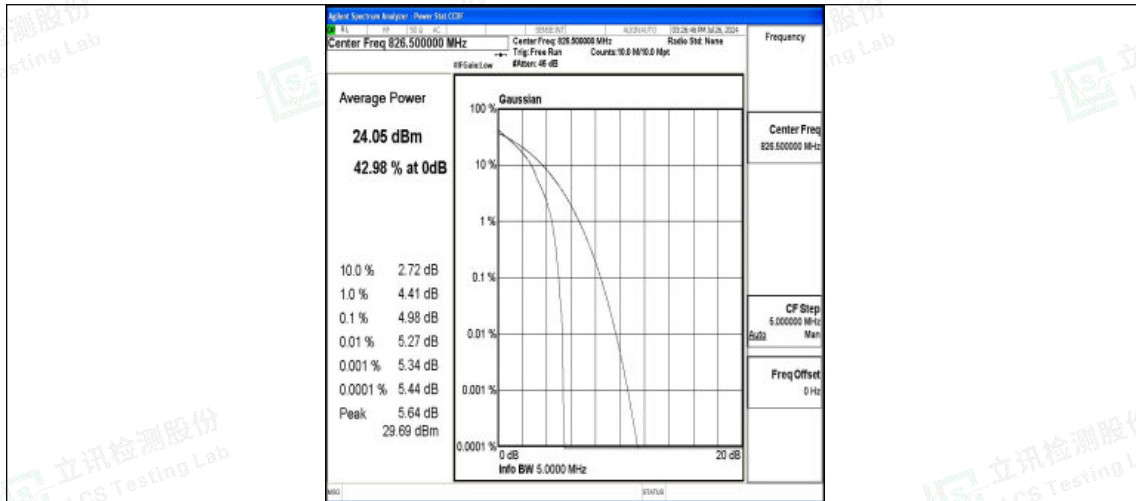


Band5-3MHz-QPSK-20635-15RB#0-PASS

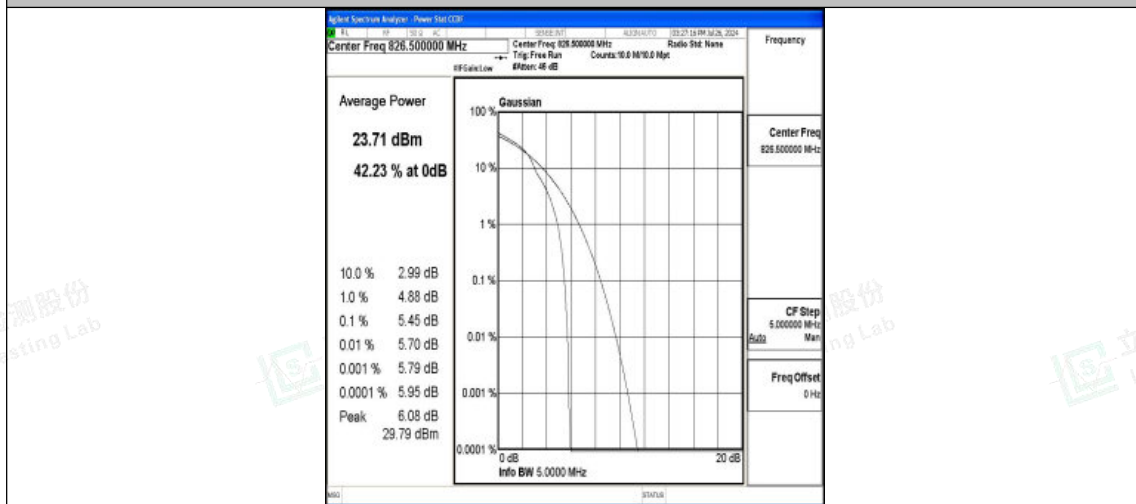


Band5-3MHz-16QAM-20635-15RB#0-PASS

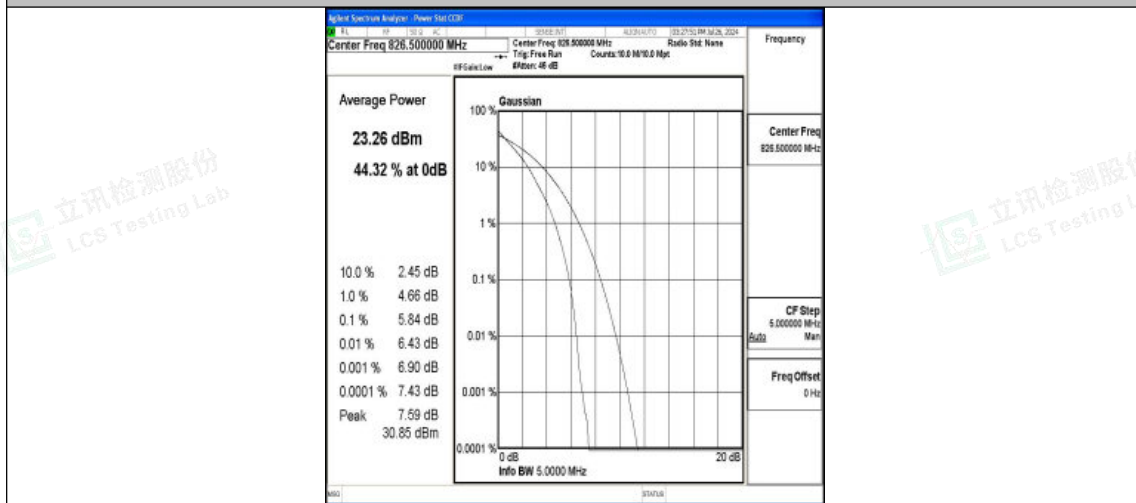




Band5-5MHz-QPSK-20425-1RB#0-PASS

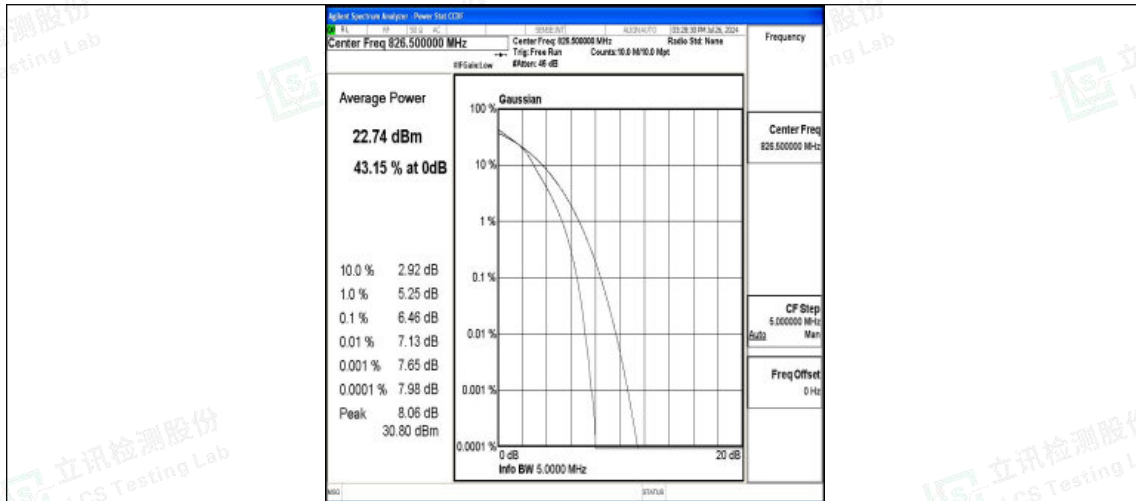


Band5-5MHz-16QAM-20425-1RB#0-PASS

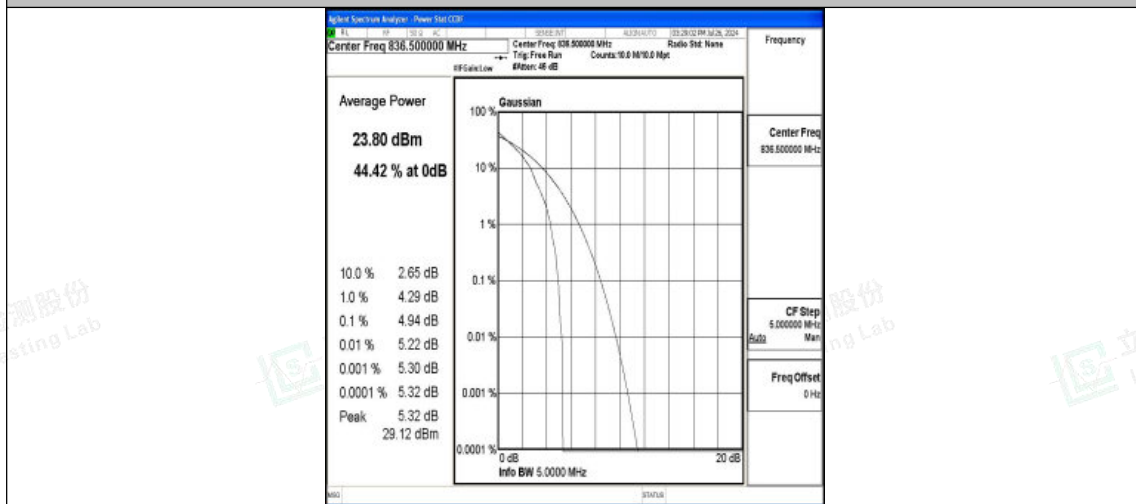


Band5-5MHz-QPSK-20425-25RB#0-PASS

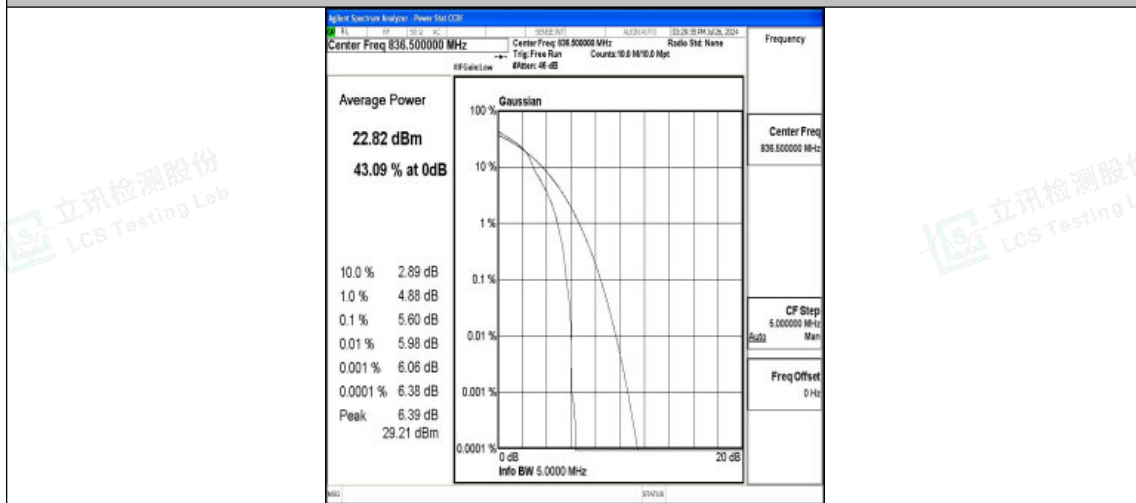




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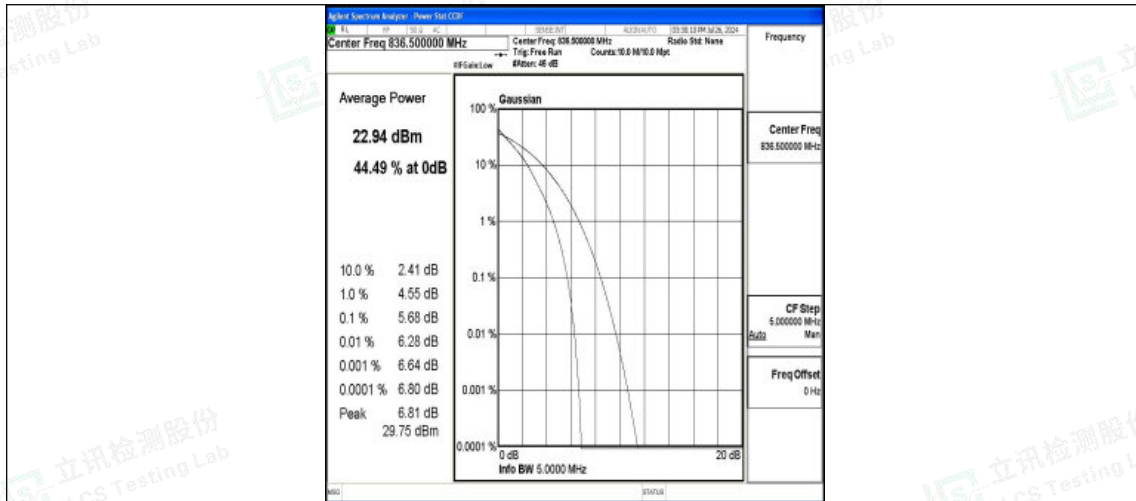


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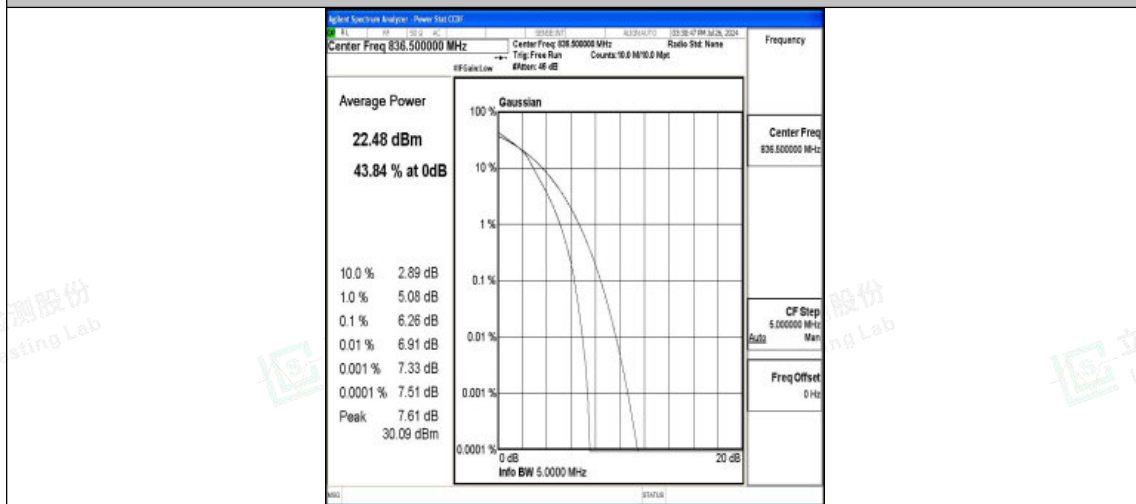


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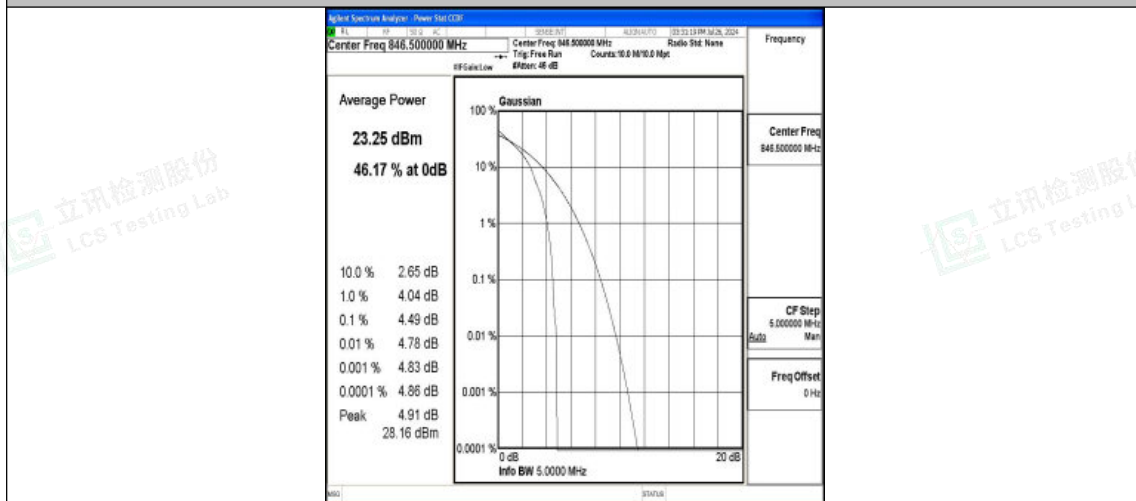




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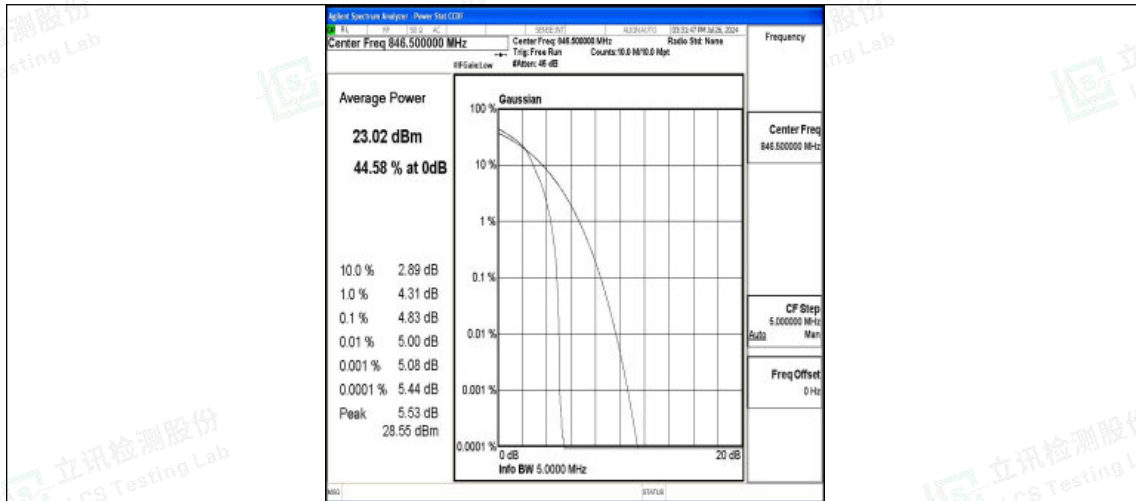


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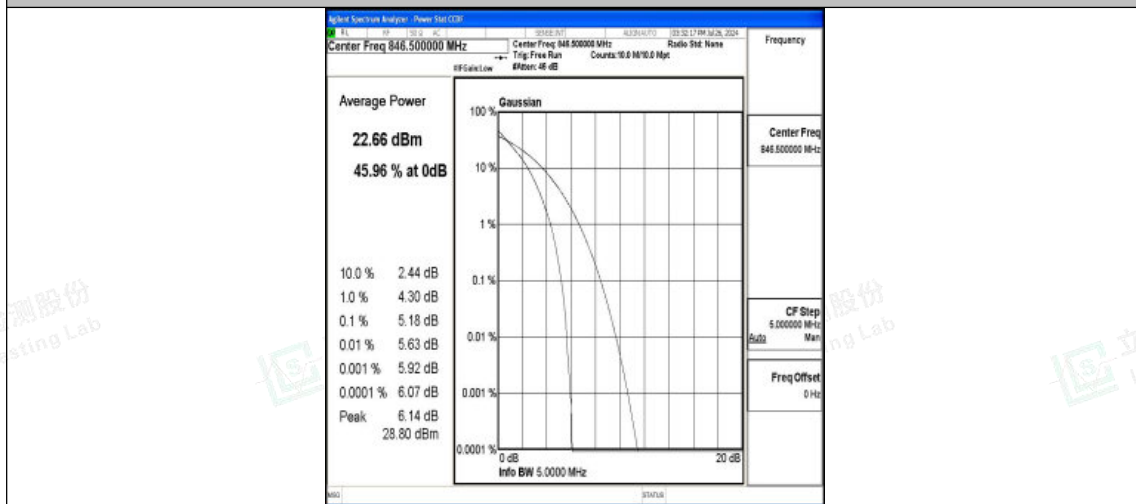


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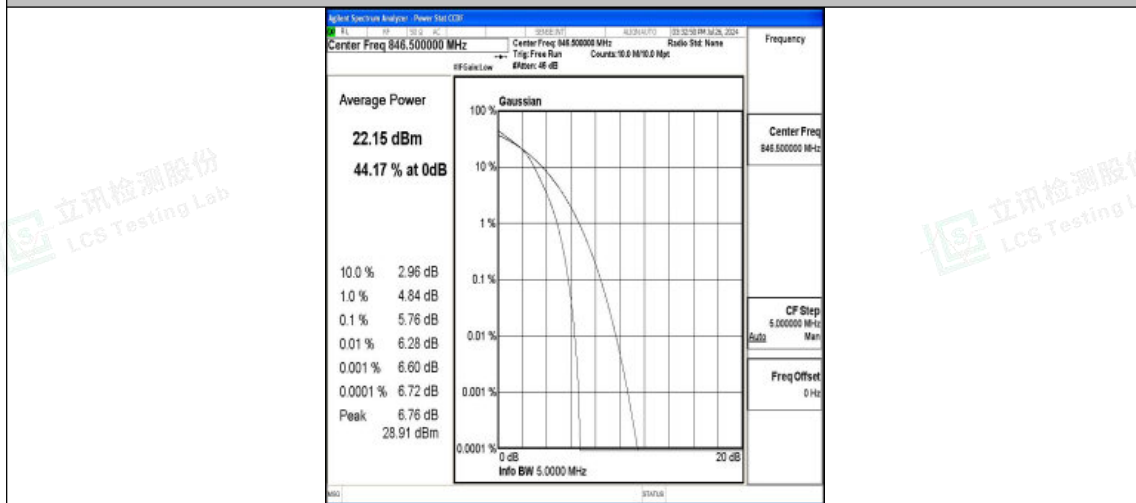




Band5-5MHz-16QAM-20625-1RB#0-PASS

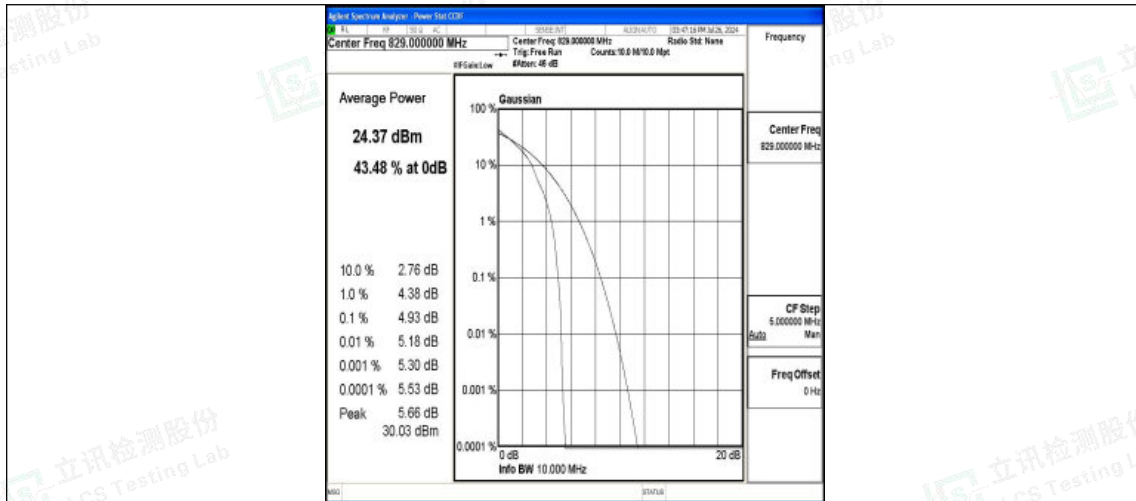


Band5-5MHz-QPSK-20625-25RB#0-PASS

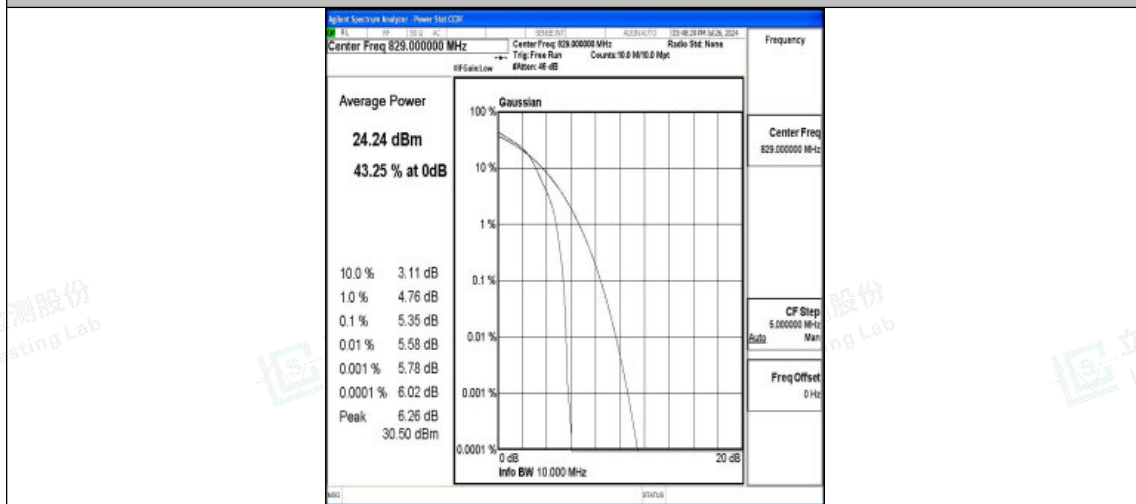


Band5-5MHz-16QAM-20625-25RB#0-PASS

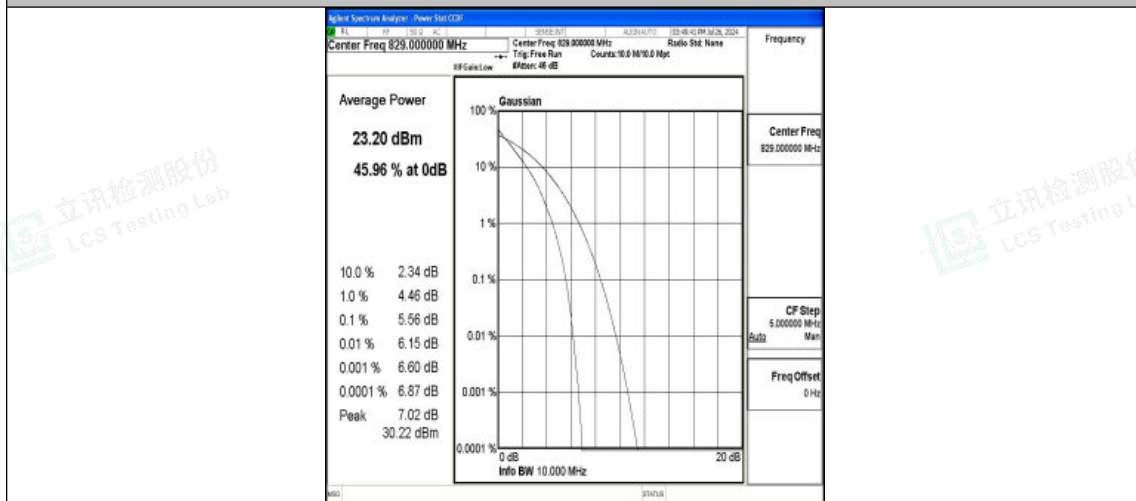




Band5-10MHz-QPSK-20450-1RB#0-PASS

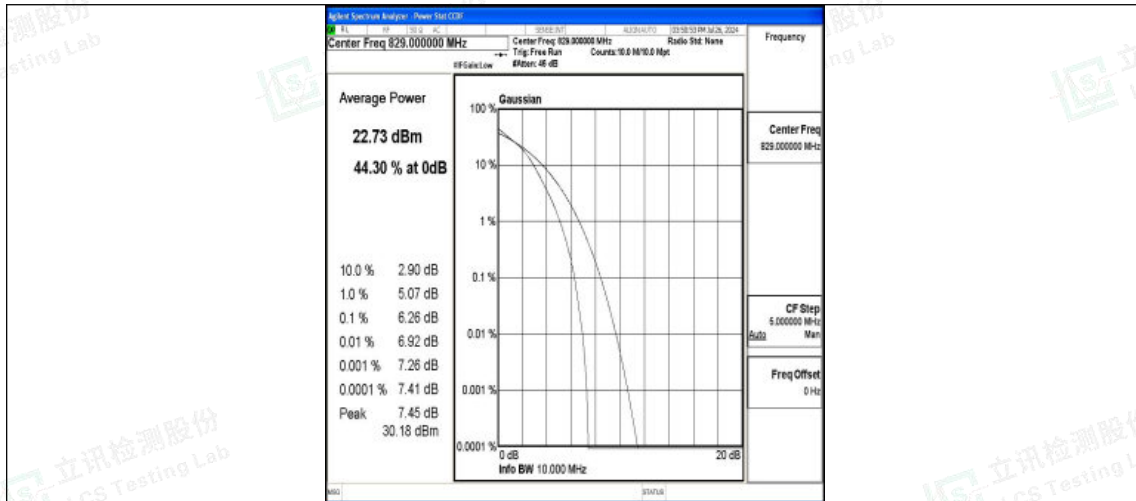


Band5-10MHz-16QAM-20450-1RB#0-PASS

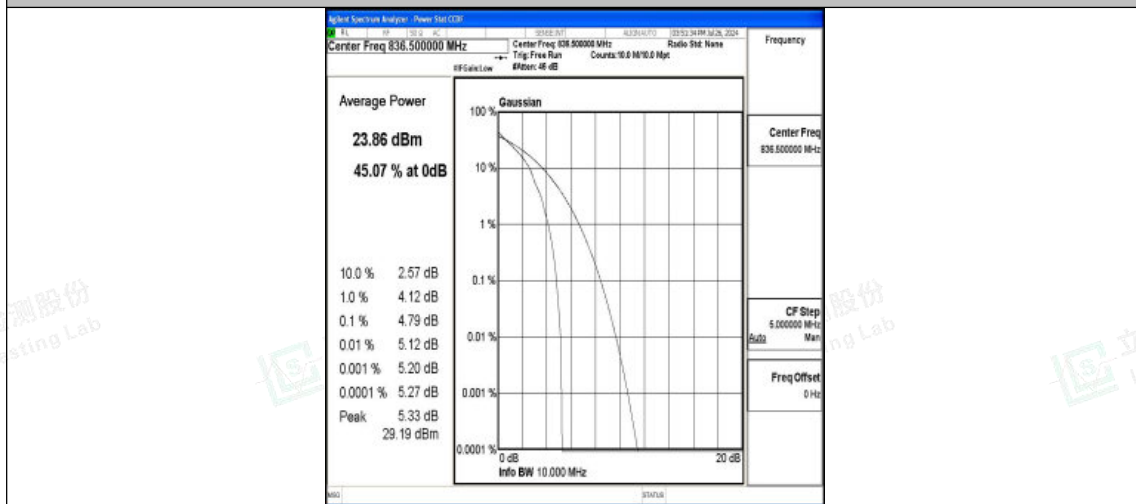


Band5-10MHz-QPSK-20450-50RB#0-PASS

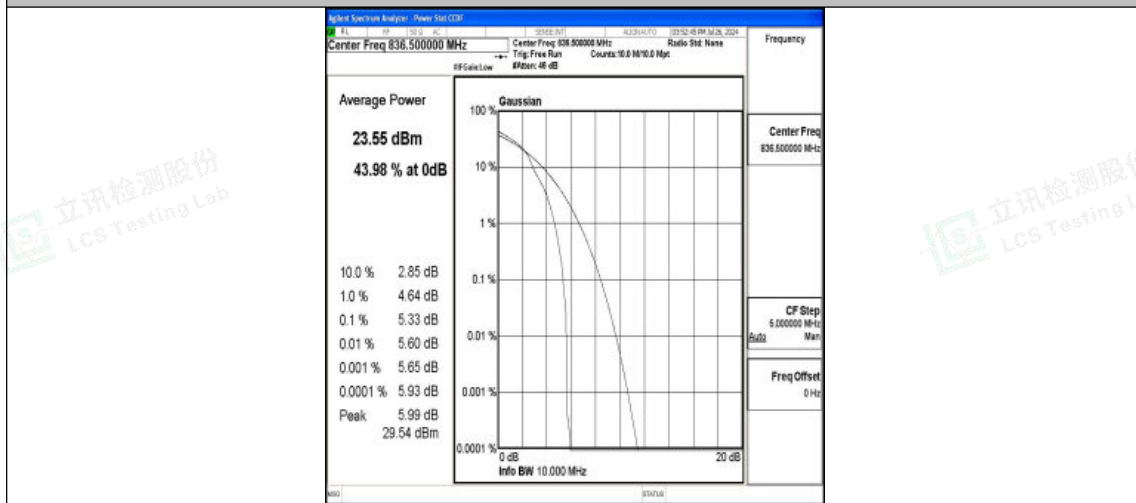




Band5-10MHz-16QAM-20450-50RB#0-PASS

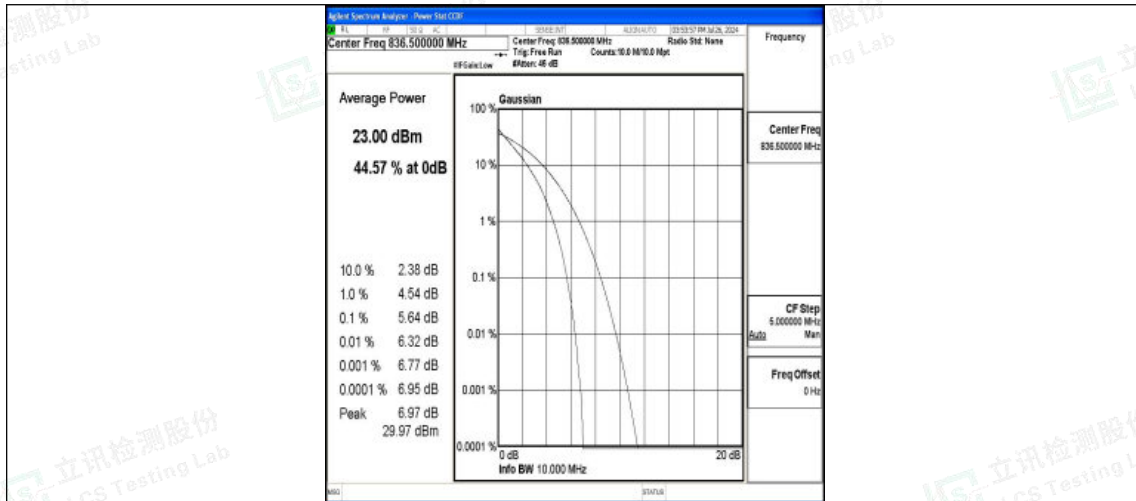


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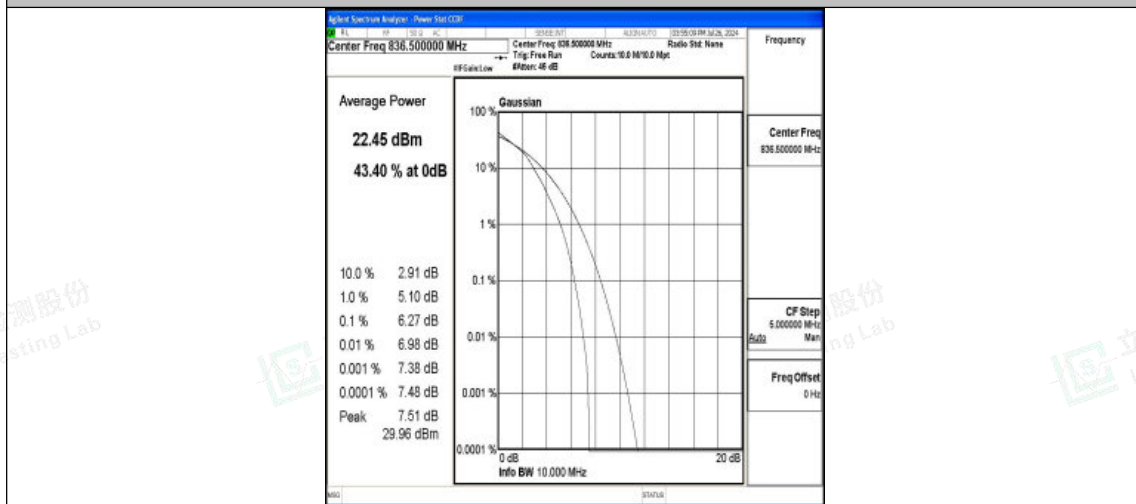


Band5-10MHz-16QAM-20525-1RB#0-PASS

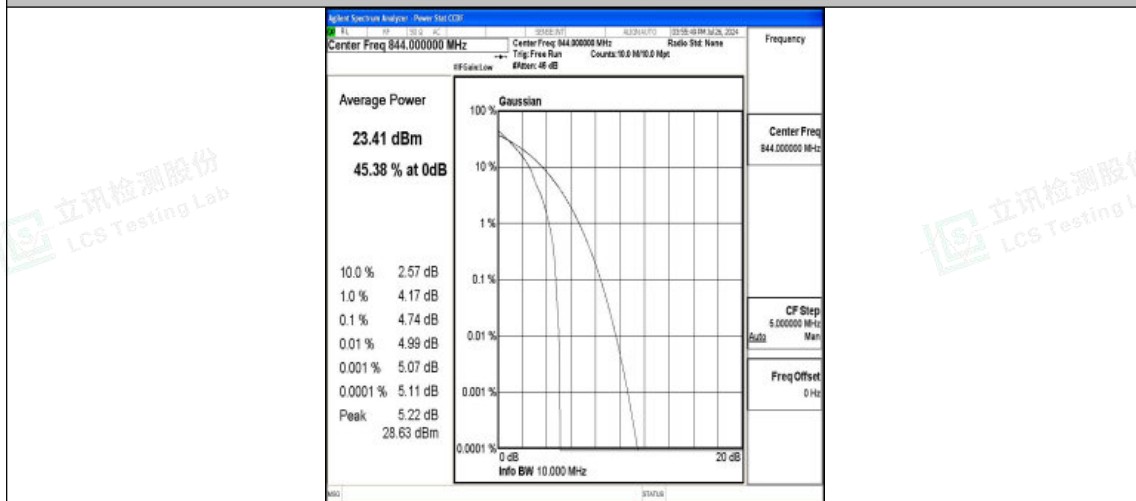




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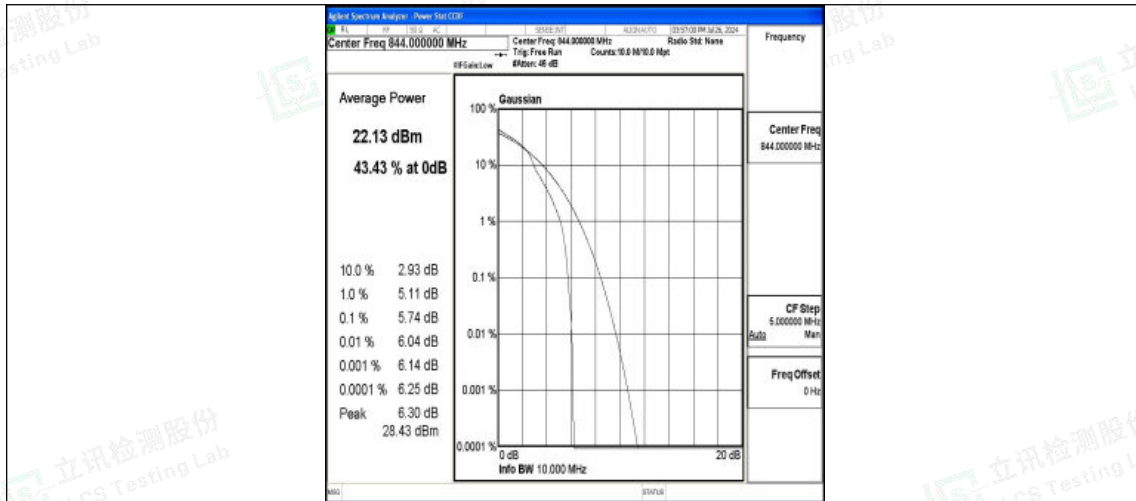


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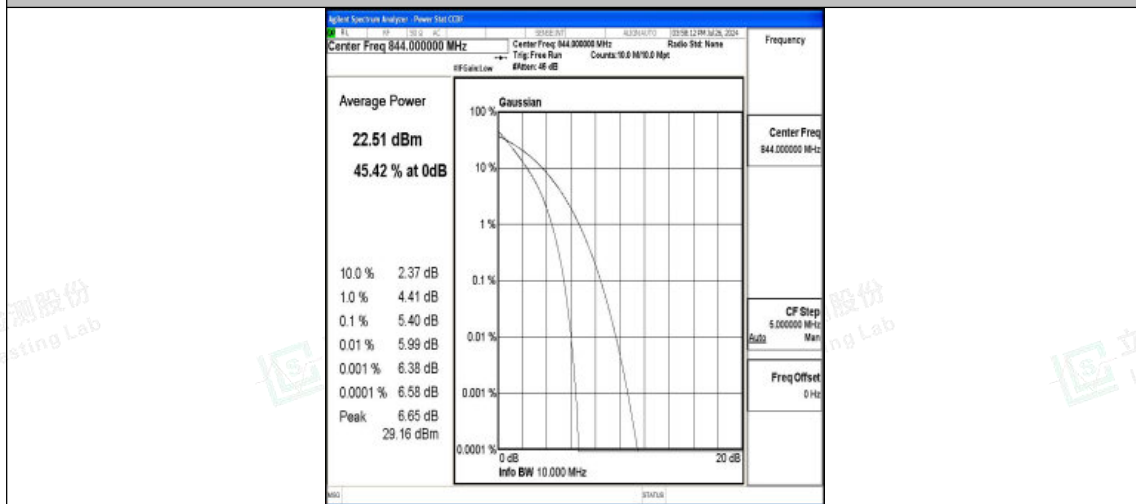


Band5-10MHz-QPSK-20600-1RB#0-PASS

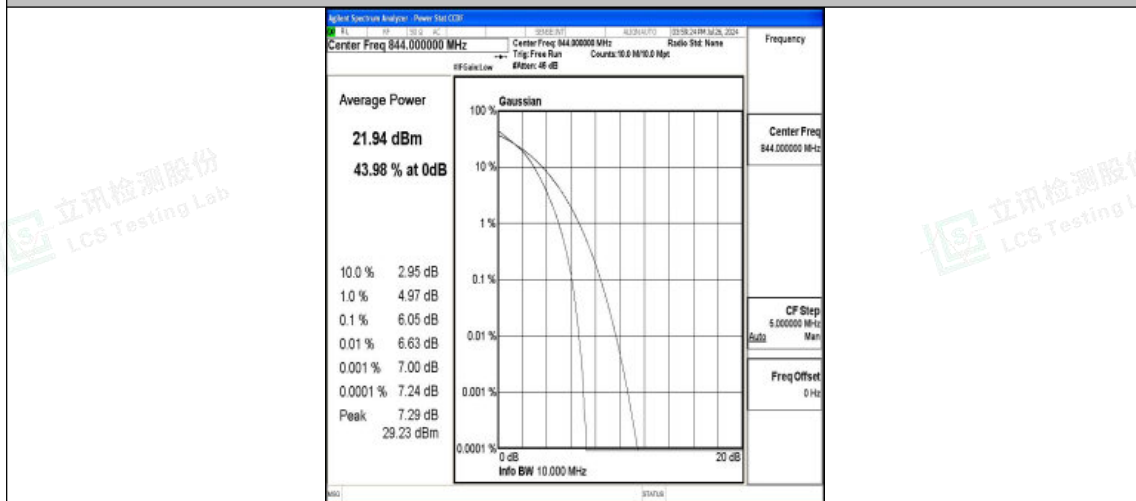




Band5-10MHz-16QAM-20600-1RB#0-PASS



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



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





C.3 26dB Bandwidth and Occupied Bandwidth

Test Result

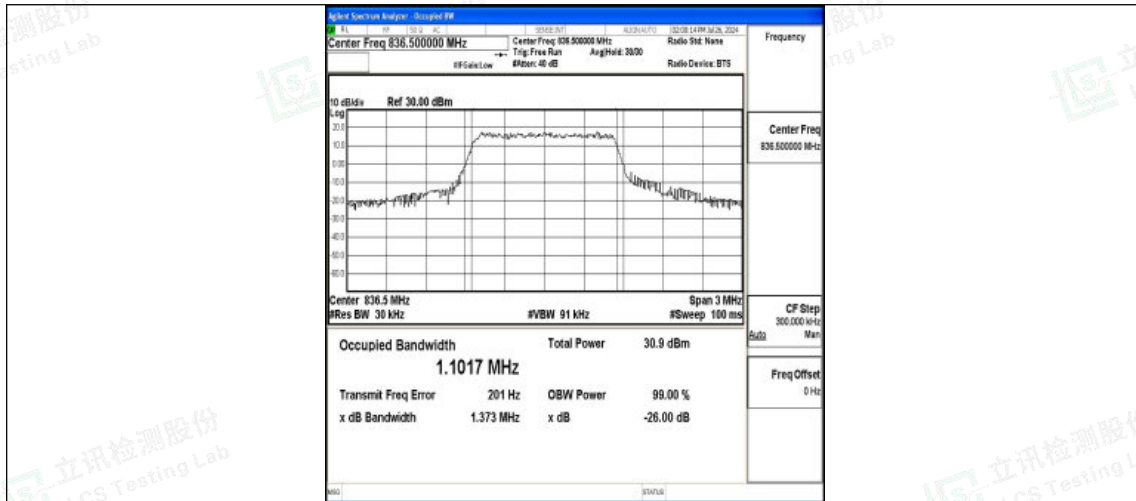
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0968	1.309	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1031	1.320	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.1003	1.315	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1017	1.373	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1002	1.276	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1003	1.451	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7279	3.129	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7151	3.126	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7083	3.236	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7233	3.346	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7093	3.139	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7133	3.127	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5299	5.287	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5286	5.269	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5231	5.410	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5425	5.452	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5191	5.326	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5534	5.406	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9686	10.13	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9543	10.02	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0313	10.12	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0276	10.69	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9655	9.907	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9949	10.04	PASS



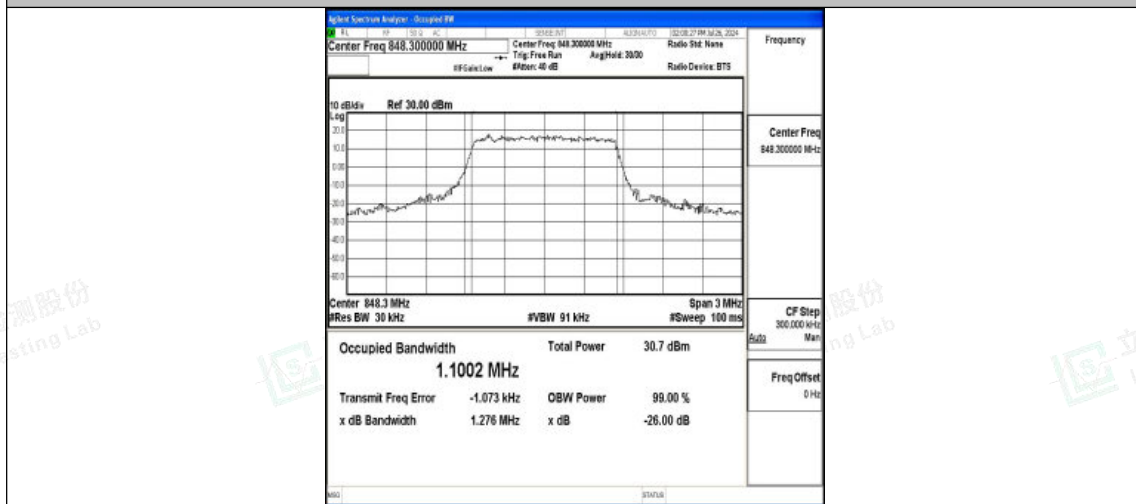


Test Graphs

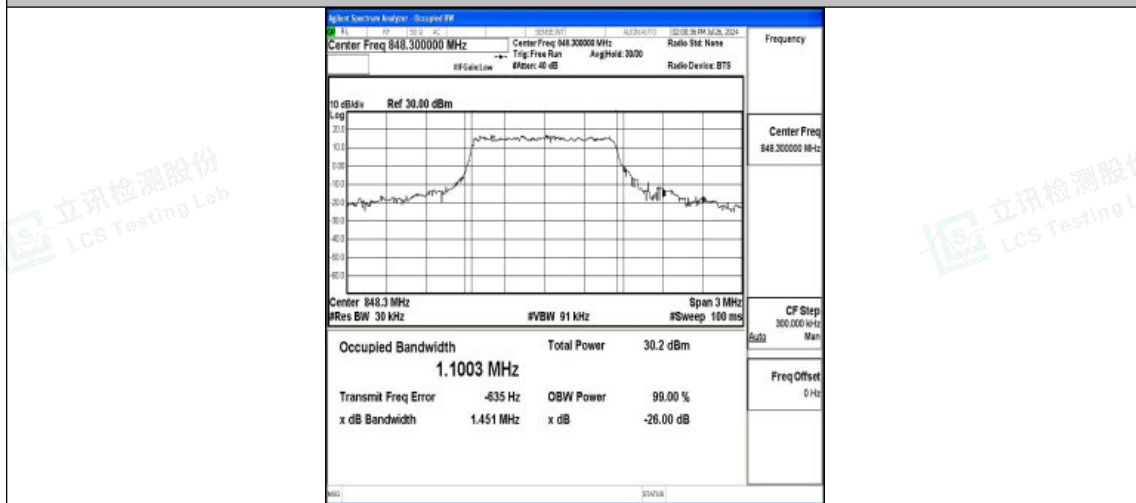




Band5-1.4MHz-16QAM-20525-6RB#0-PASS

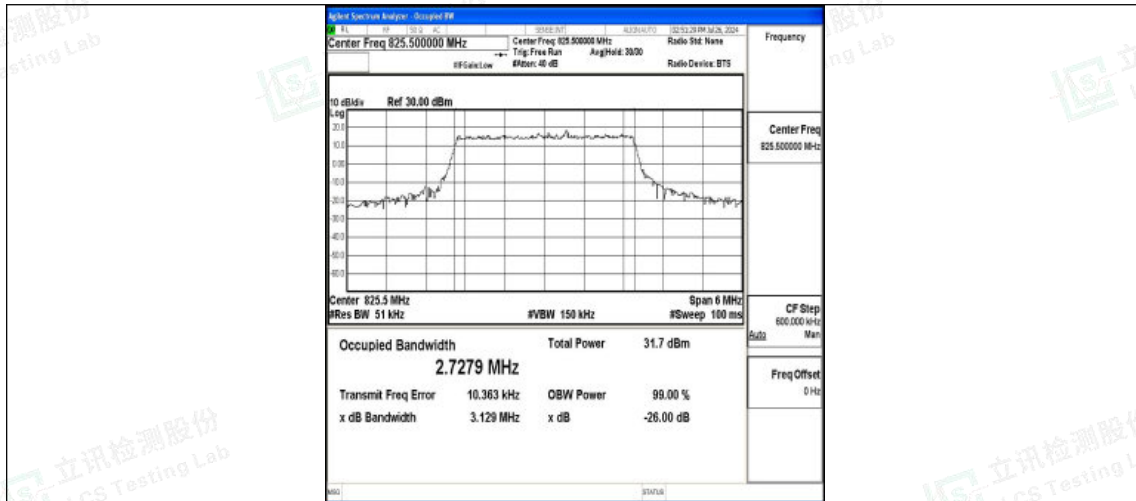


Band5-1.4MHz-QPSK-20643-6RB#0-PASS

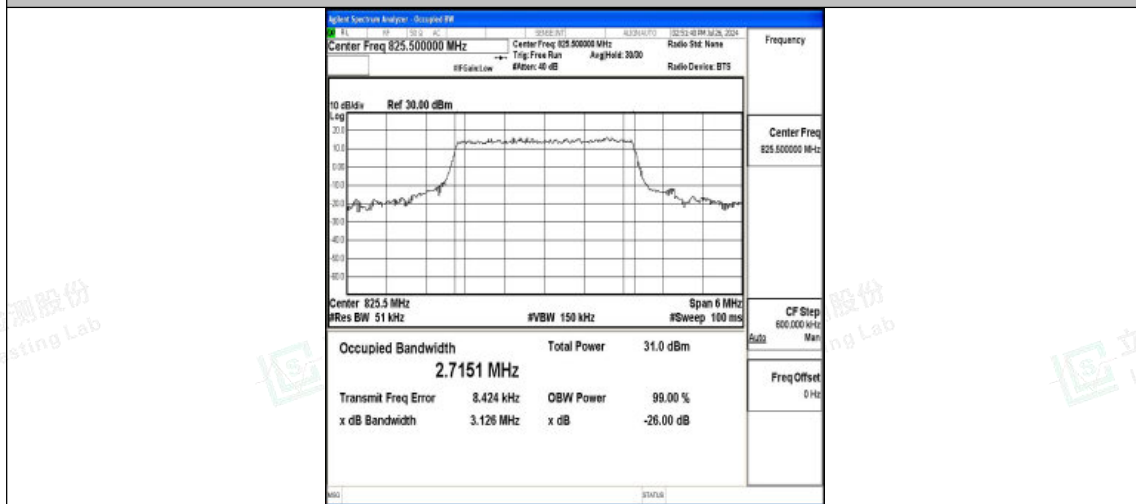


Band5-1.4MHz-16QAM-20643-6RB#0-PASS

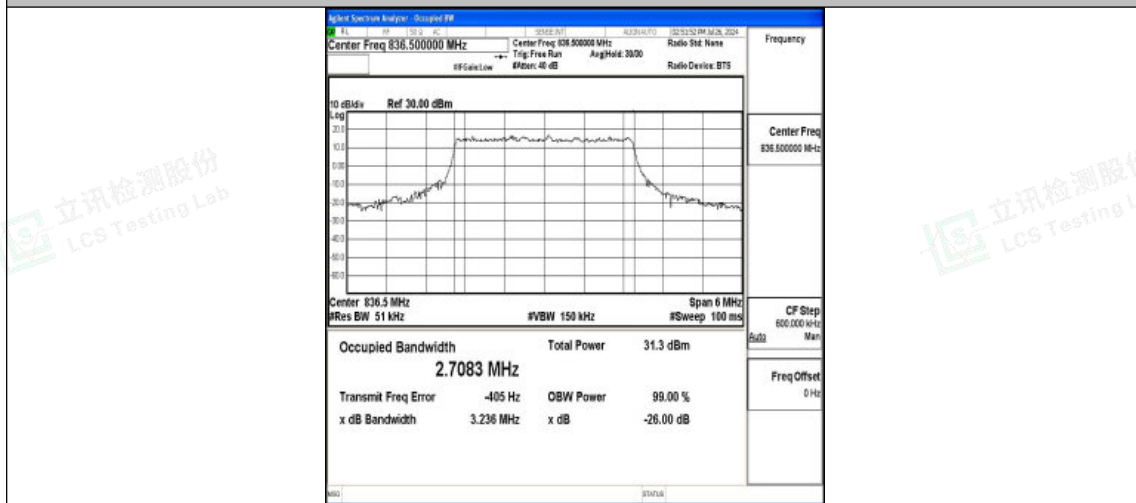




Band5-3MHz-QPSK-20415-15RB#0-PASS

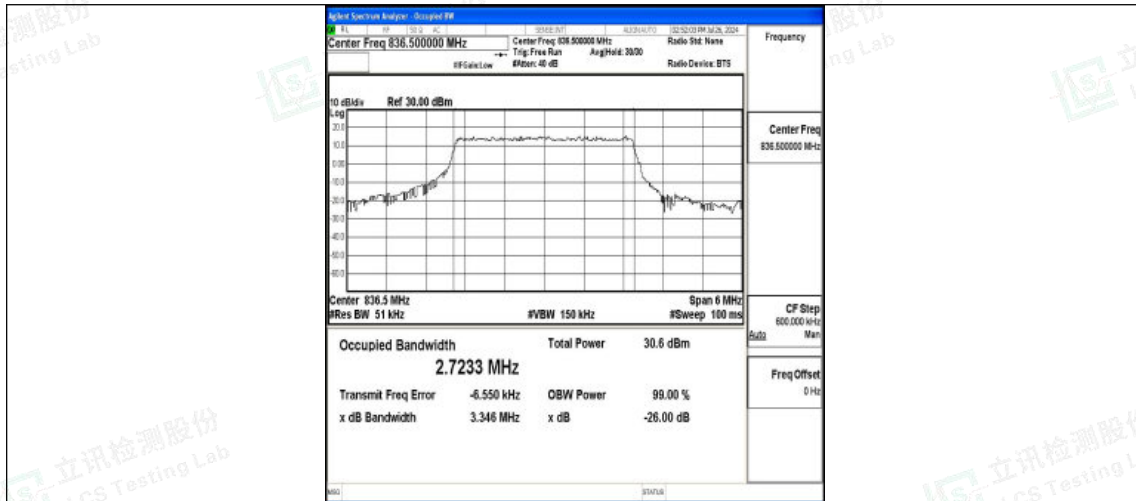


Band5-3MHz-16QAM-20415-15RB#0-PASS

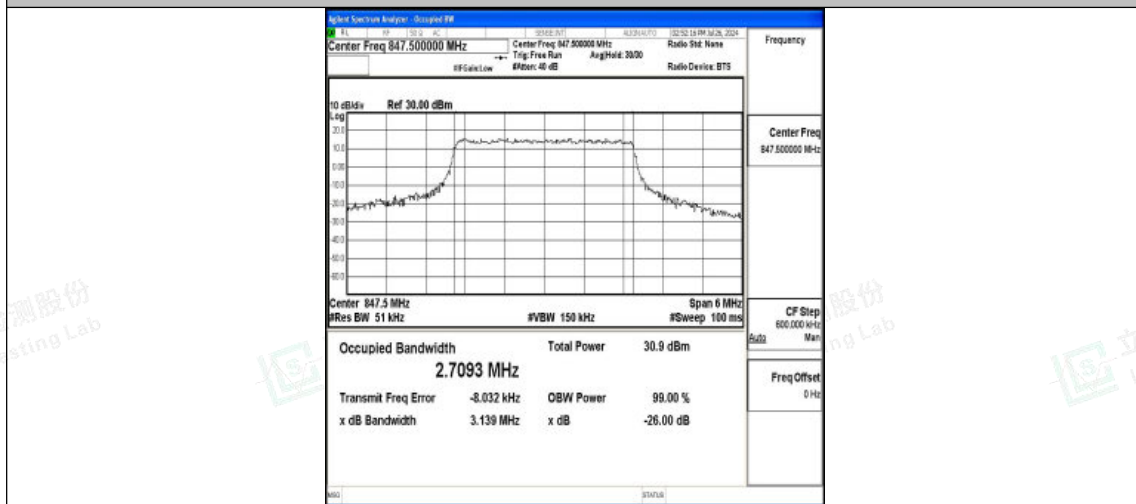


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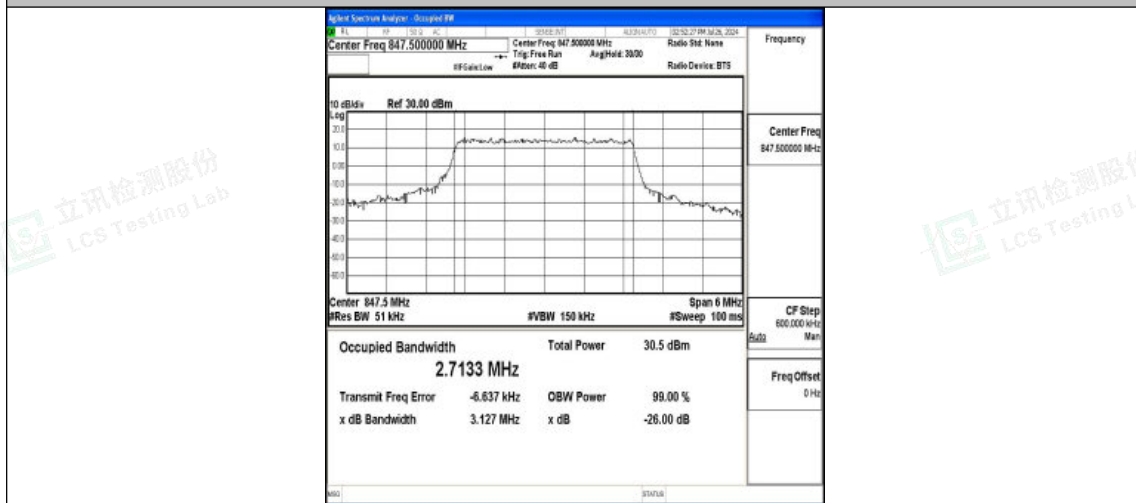




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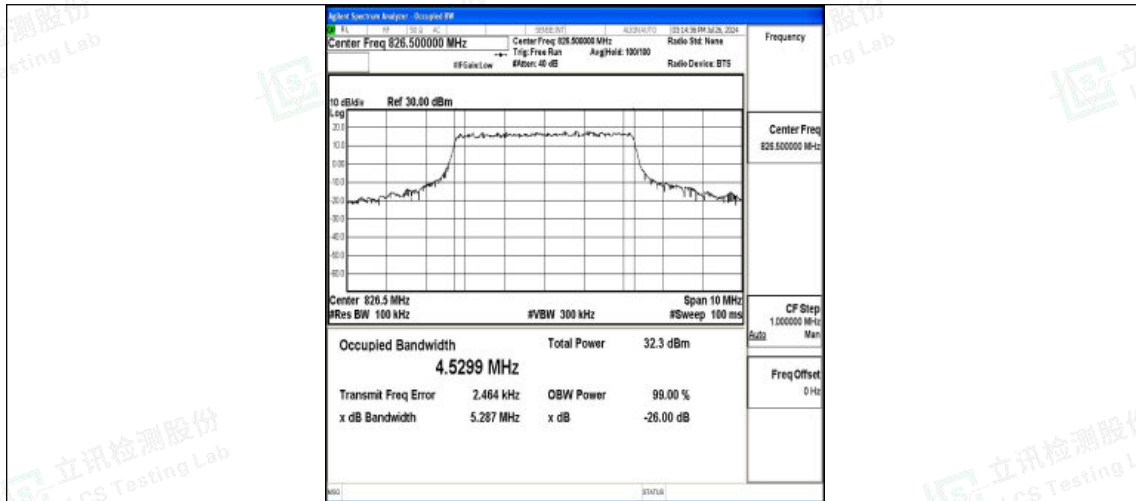


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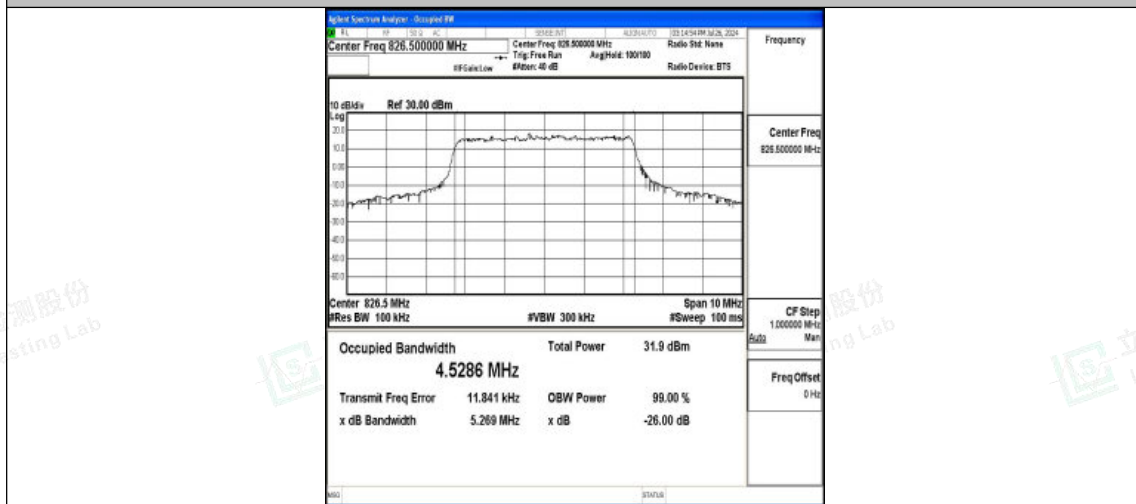


Band5-3MHz-16QAM-20635-15RB#0-PASS

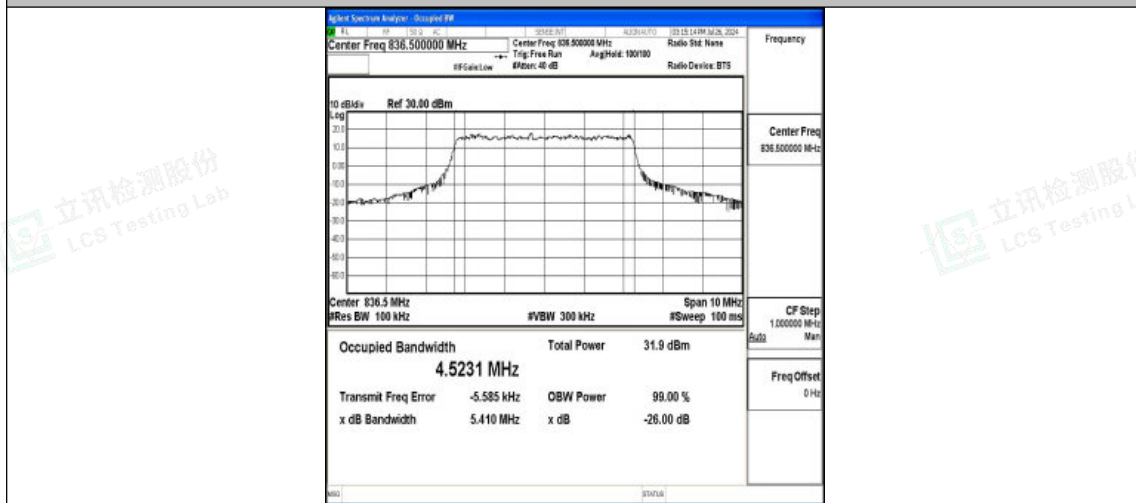




Band5-5MHz-QPSK-20425-25RB#0-PASS

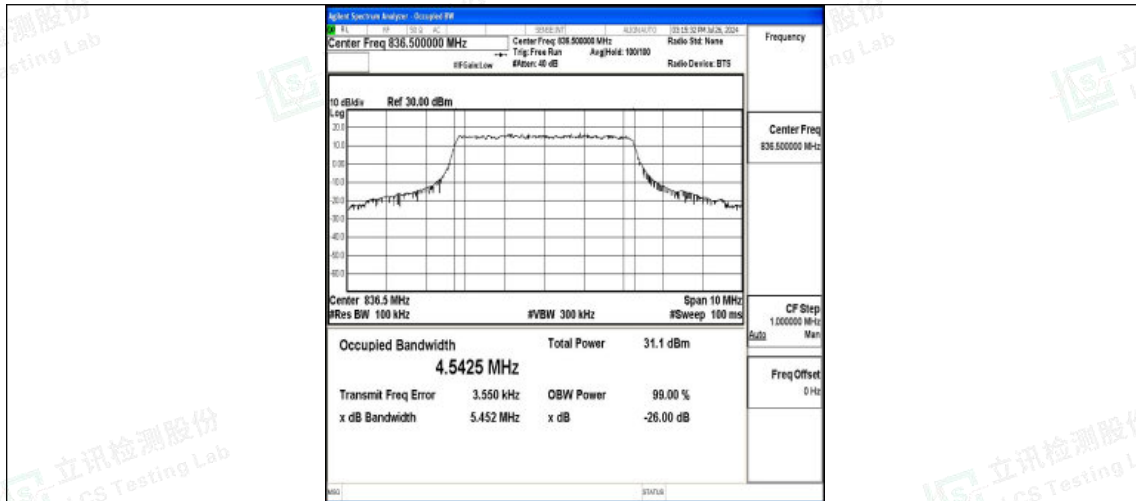


Band5-5MHz-16QAM-20425-25RB#0-PASS

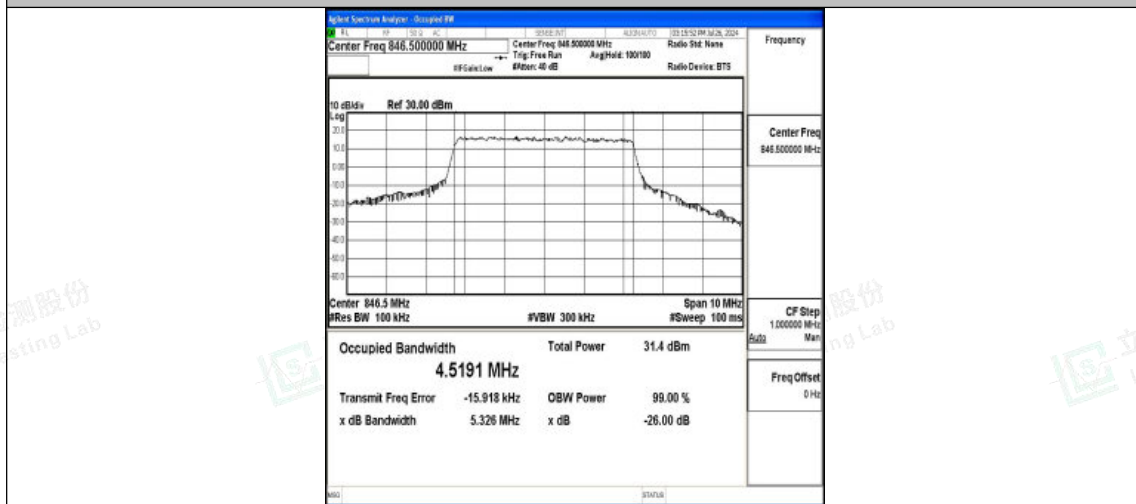


Band5-5MHz-QPSK-20525-25RB#0-PASS

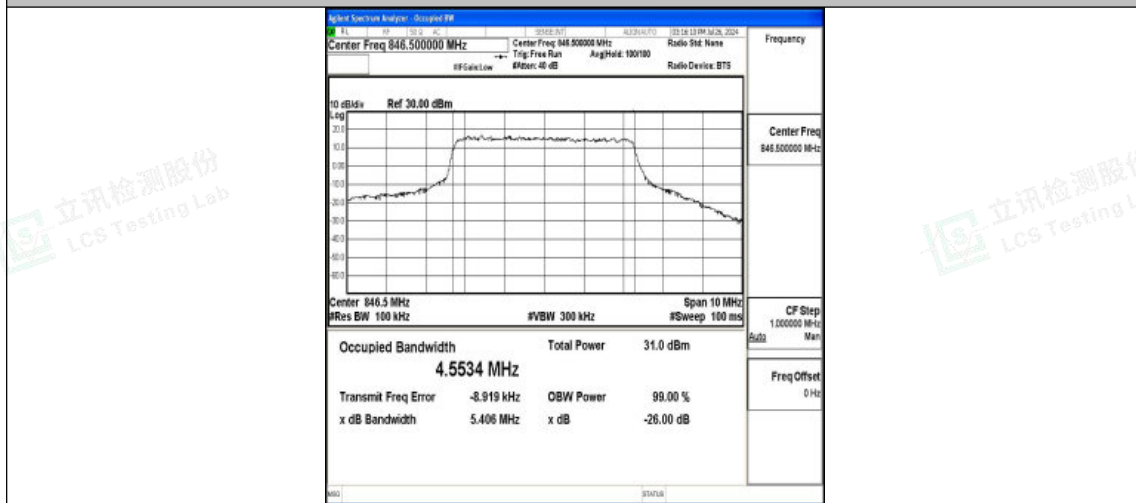




Band5-5MHz-16QAM-20525-25RB#0-PASS

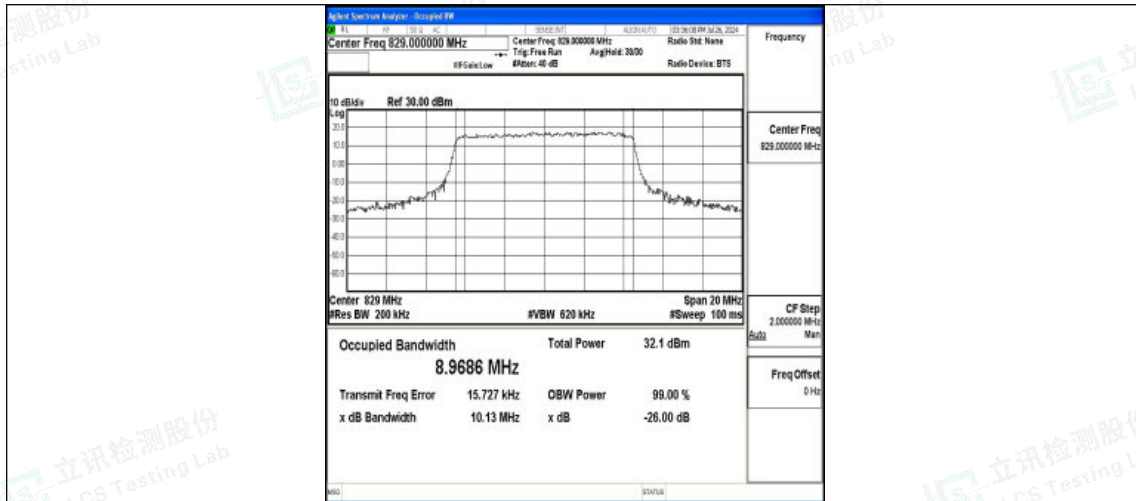


Band5-5MHz-QPSK-20625-25RB#0-PASS

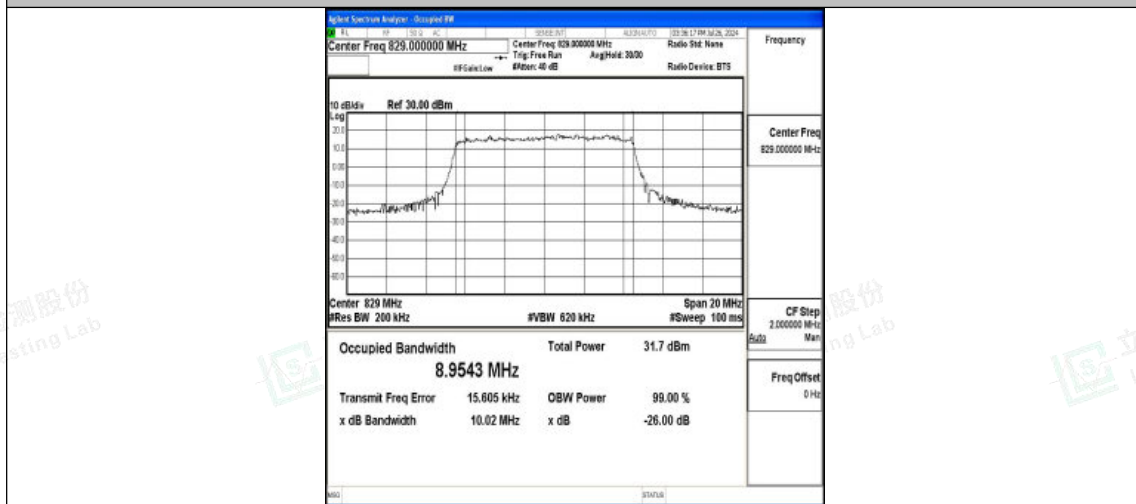


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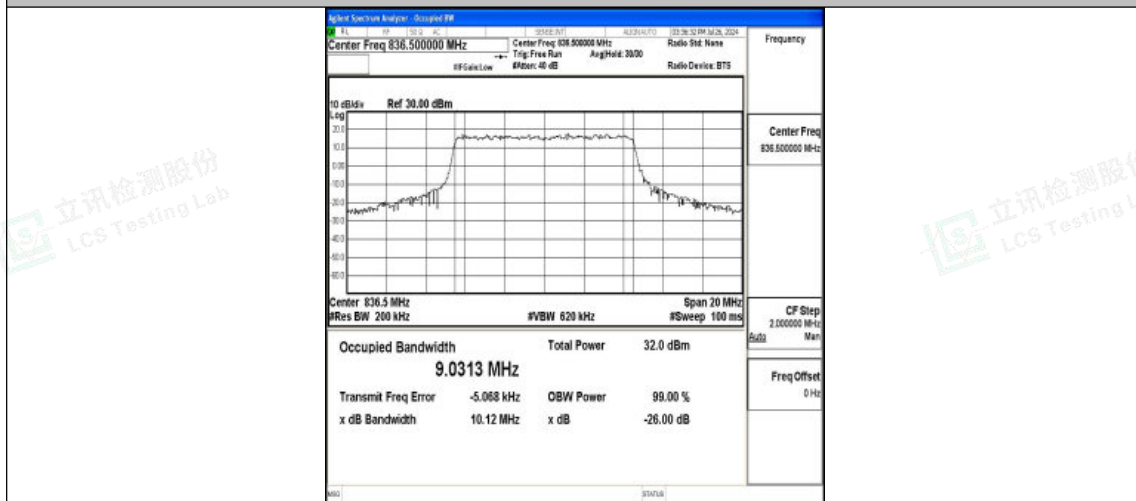




Band5-10MHz-QPSK-20450-50RB#0-PASS

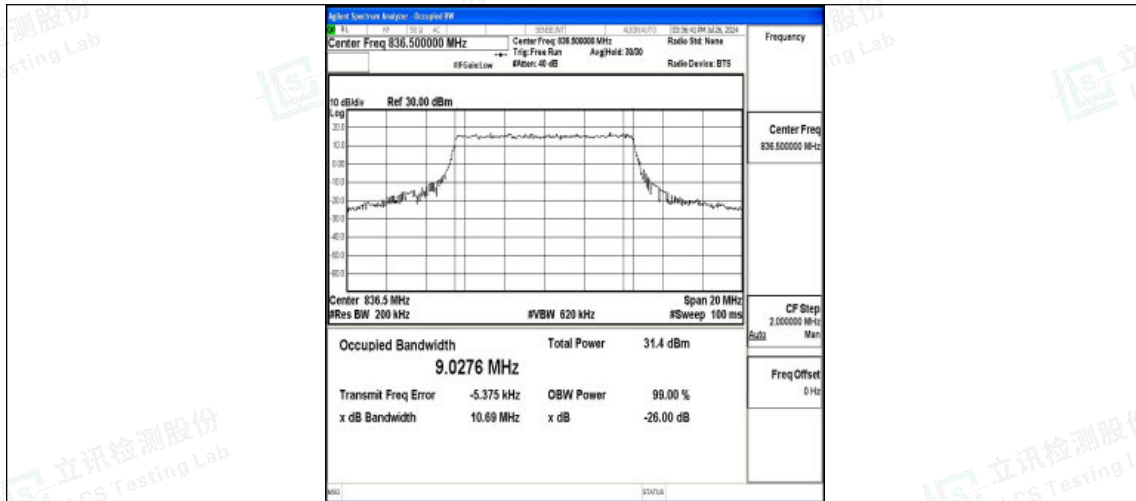


Band5-10MHz-16QAM-20450-50RB#0-PASS

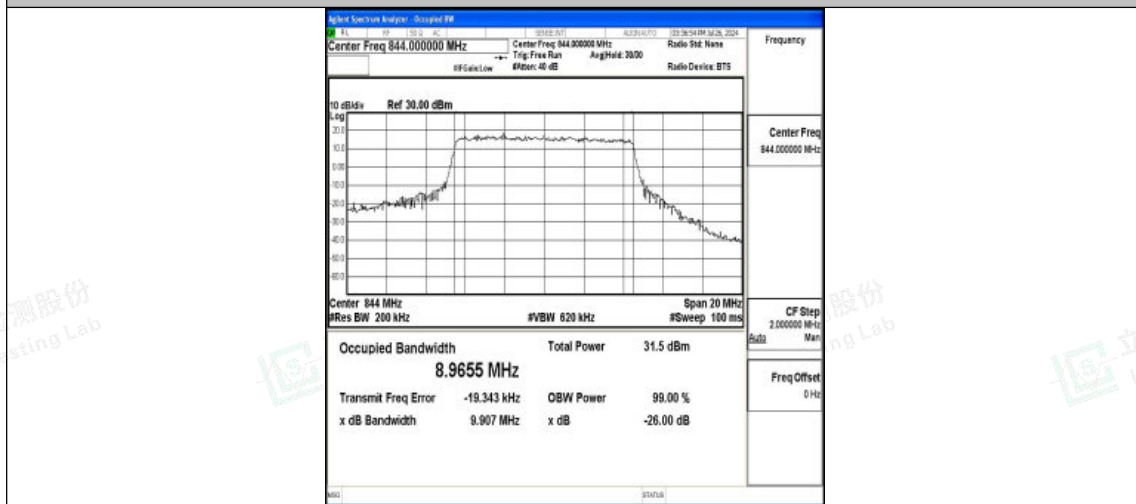


Band5-10MHz-QPSK-20525-50RB#0-PASS

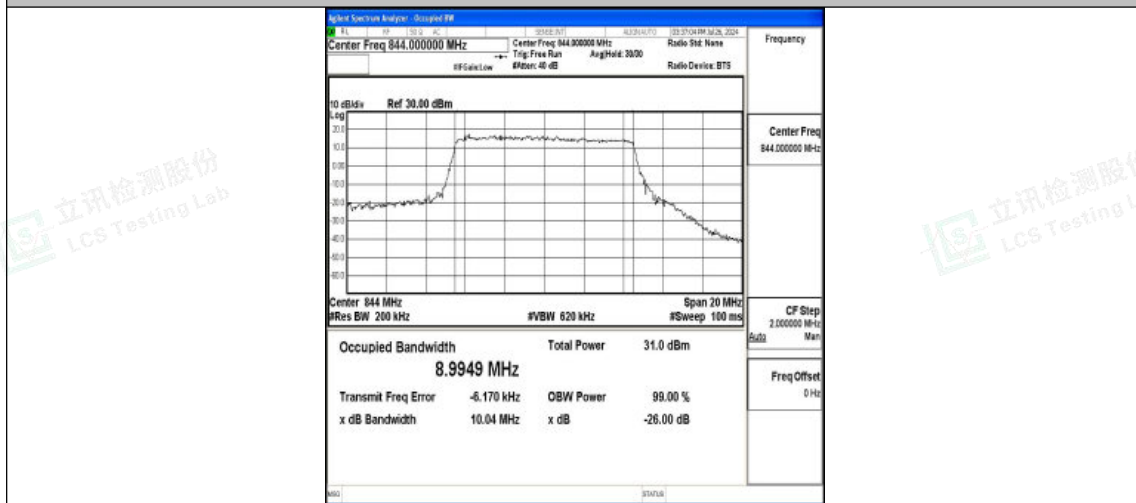




Band5-10MHz-16QAM-20525-50RB#0-PASS



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



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





C.4 Band Edge

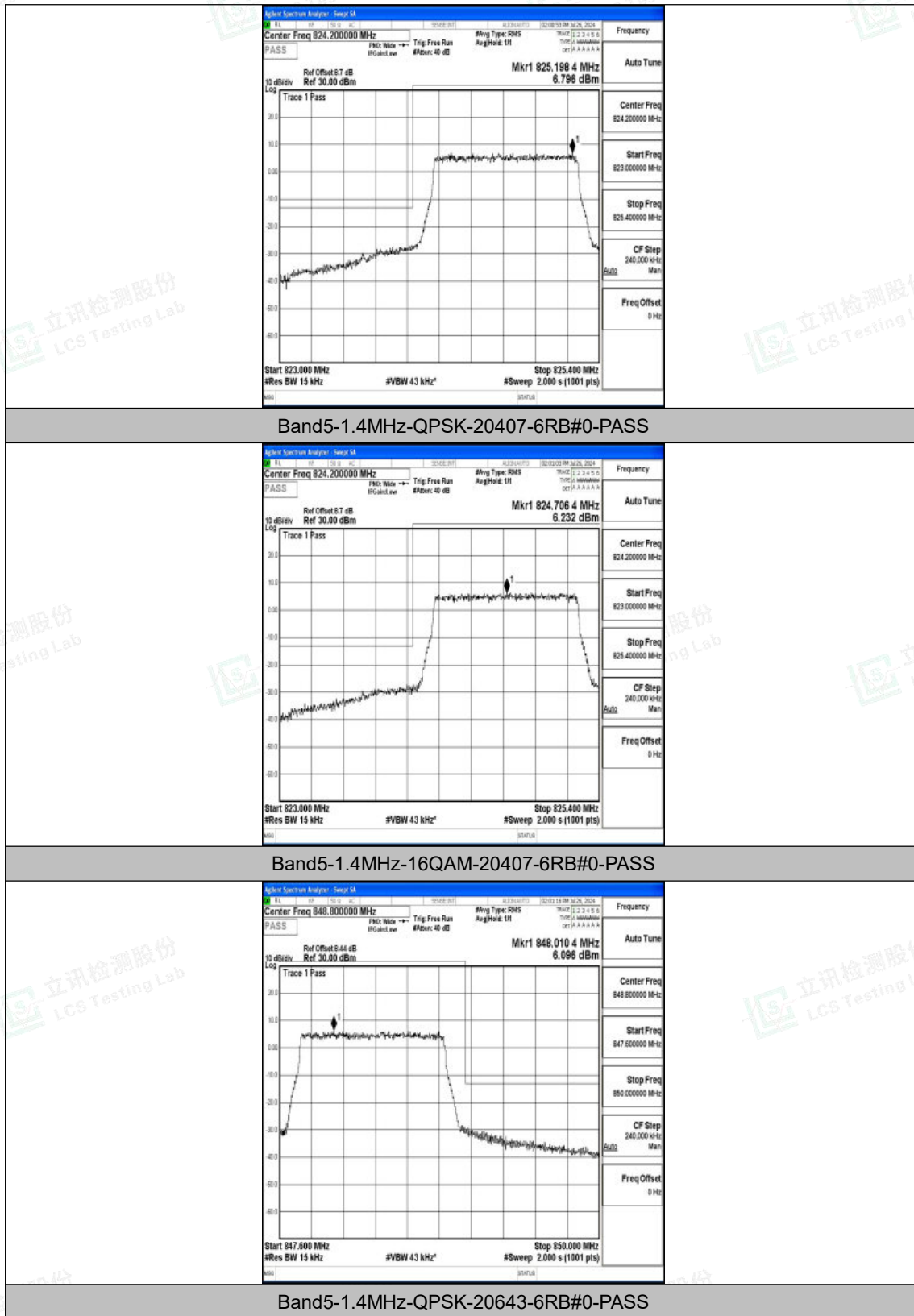
Test Result

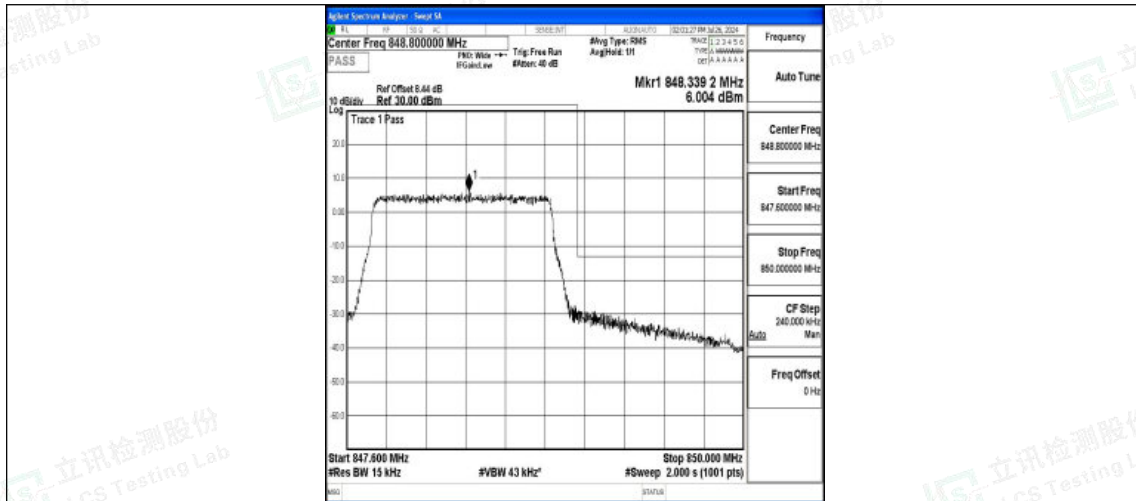
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	824.00	-26.91	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.96	-27.23	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.02	-29.40	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.00	-29.07	PASS
Band5	3MHz	QPSK	20415	15RB#0	824.00	-22.53	PASS
Band5	3MHz	16QAM	20415	15RB#0	824.00	-24.32	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.01	-24.96	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.00	-24.37	PASS
Band5	5MHz	QPSK	20425	25RB#0	824.00	-27.72	PASS
Band5	5MHz	16QAM	20425	25RB#0	824.00	-29.23	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.00	-29.34	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.01	-28.14	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.99	-31.86	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.99	-33.23	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.01	-33.41	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.05	-32.95	PASS



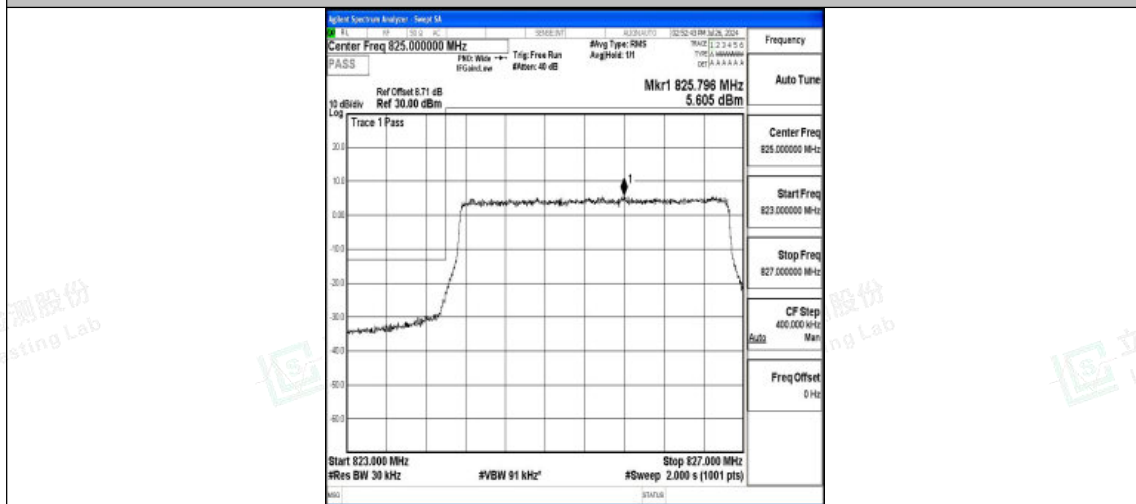


Test Graphs

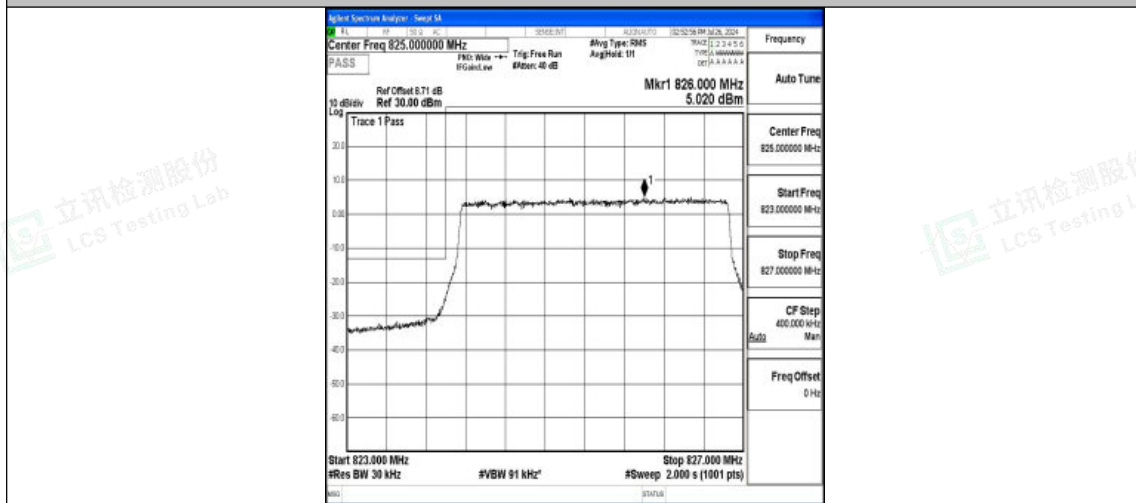




Band5-1.4MHz-16QAM-20643-6RB#0-PASS

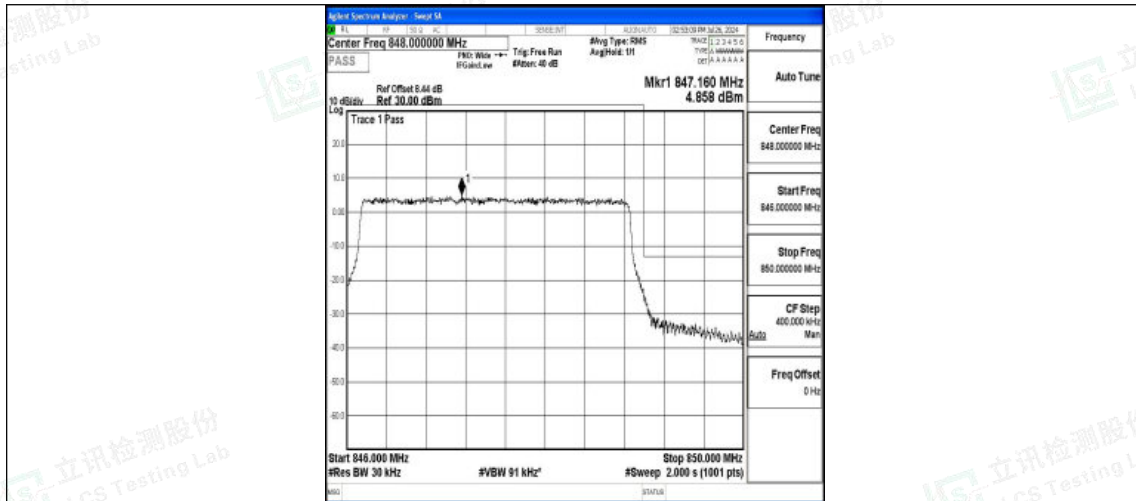


Band5-3MHz-QPSK-20415-15RB#0-PASS

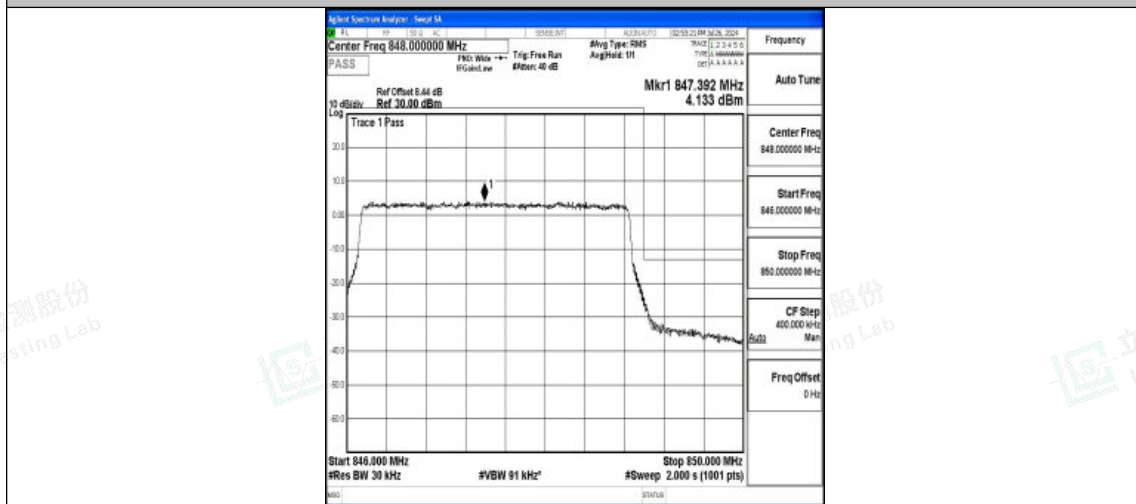


Band5-3MHz-16QAM-20415-15RB#0-PASS

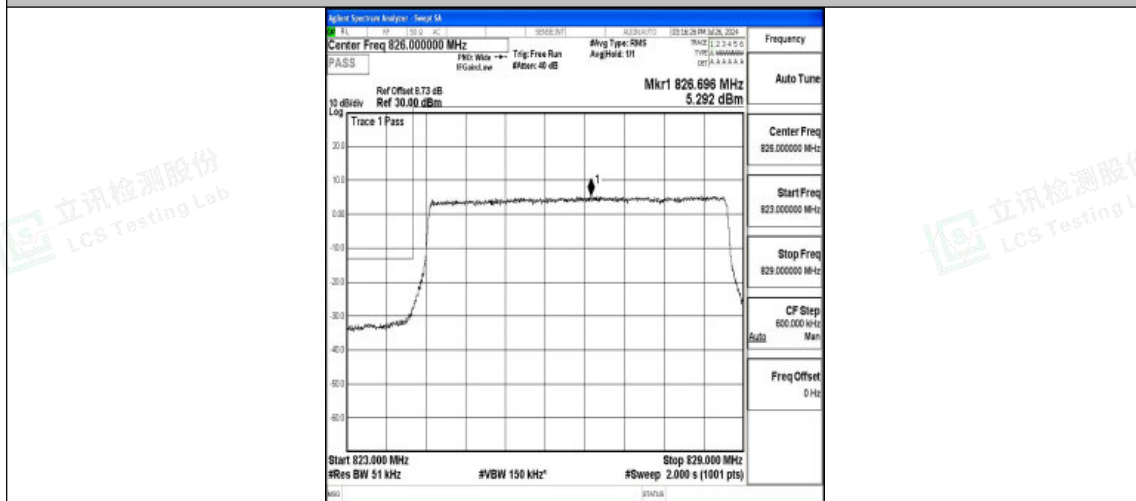




Band5-3MHz-QPSK-20635-15RB#0-PASS

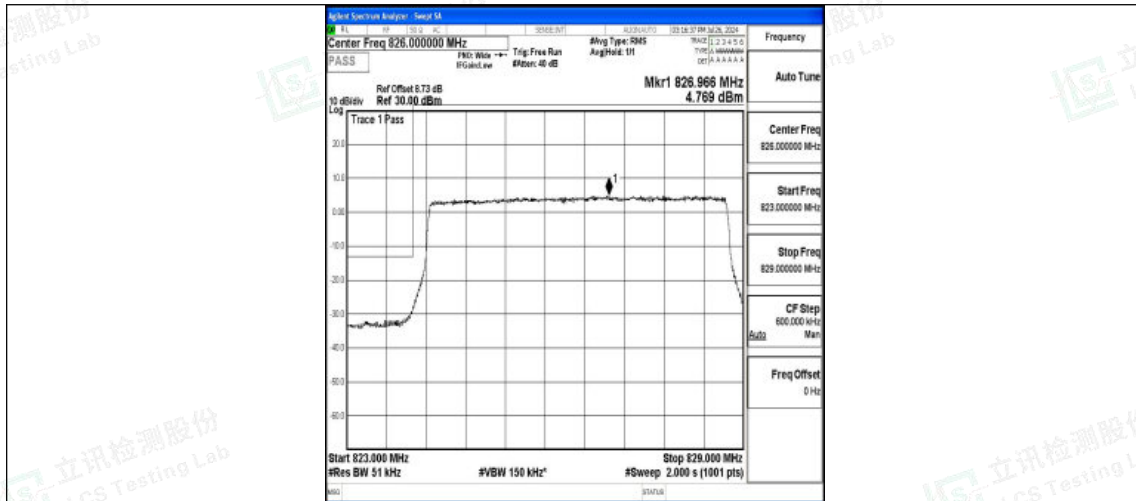


Band5-3MHz-16QAM-20635-15RB#0-PASS

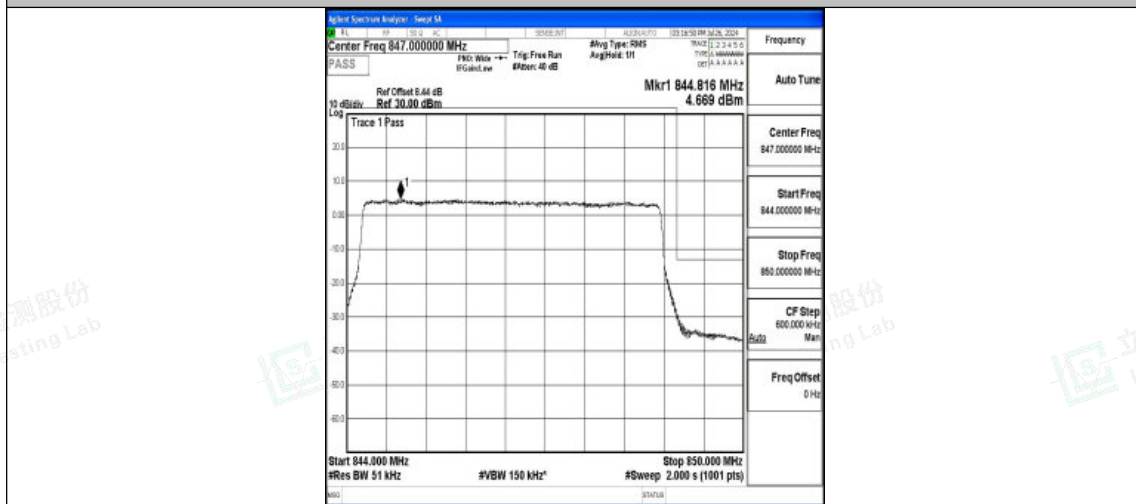


Band5-5MHz-QPSK-20425-25RB#0-PASS

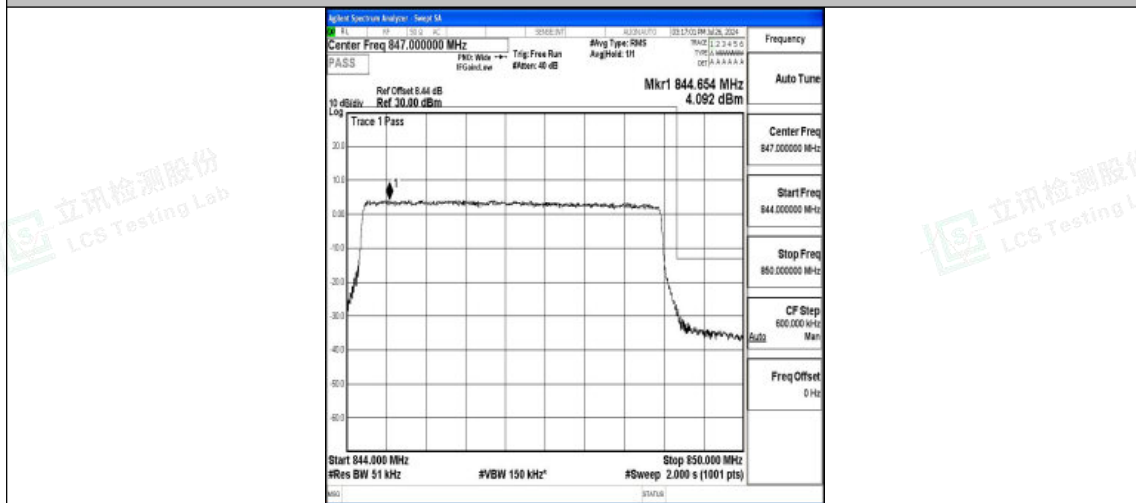




Band5-5MHz-16QAM-20425-25RB#0-PASS

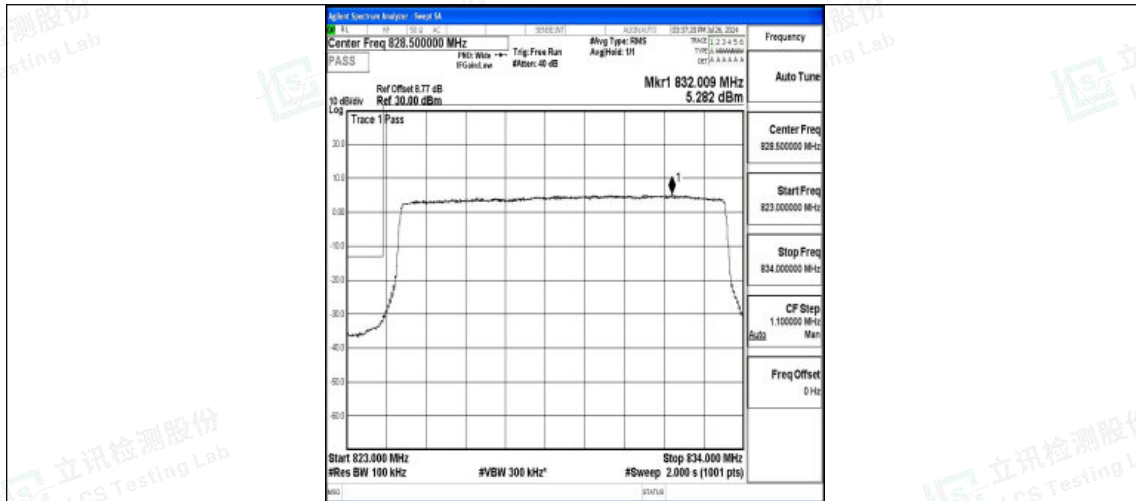


Band5-5MHz-QPSK-20625-25RB#0-PASS

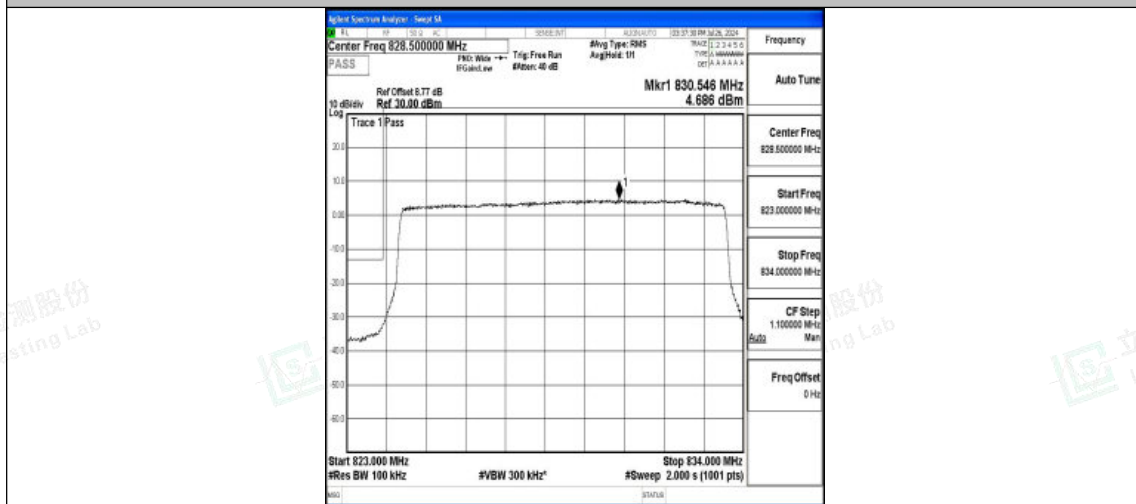


Band5-5MHz-16QAM-20625-25RB#0-PASS

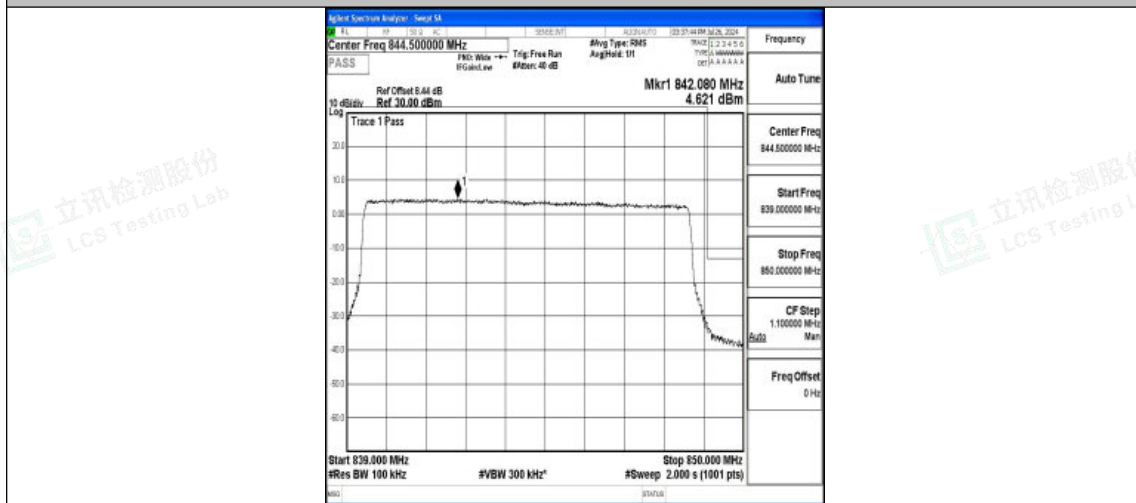




Band5-10MHz-QPSK-20450-50RB#0-PASS

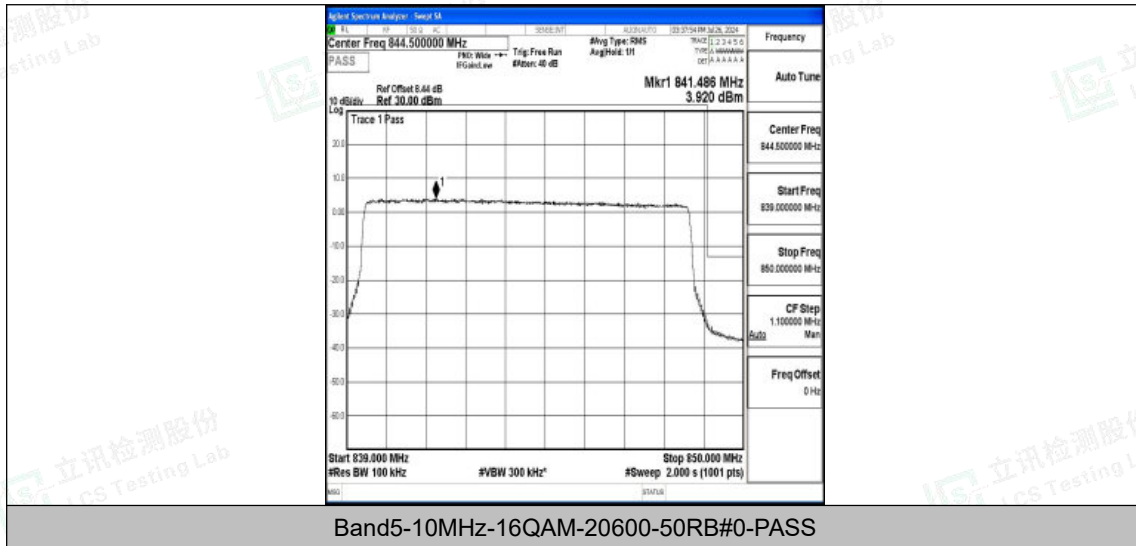


Band5-10MHz-16QAM-20450-50RB#0-PASS



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







C.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	-57.81	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-61.32	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-43.56	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-43.82	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-46.68	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-59.91	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-62.09	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-42.68	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-41.81	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-46.32	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-57.21	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-63.32	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-43.96	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-43.59	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-46.85	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-58.97	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-60.33	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-47.97	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-43.87	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-46.77	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-61.69	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-62.21	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-42.62	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-42.88	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-46.76	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-60.87	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-62.31	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-48.89	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-44.42	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-46.72	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-59.60	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-63.46	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-47.58	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-43.33	PASS





Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-46.64	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-59.63	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-62.70	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-46.70	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-42.44	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-46.94	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-62.00	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-62.32	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-49.06	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-44.35	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-46.43	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-60.17	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-62.96	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-49.02	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-44.67	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-46.25	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-60.90	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-61.06	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-47.86	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-42.71	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-46.66	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-62.47	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-61.82	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-47.15	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-41.83	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-46.24	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-58.99	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-61.95	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-56.28	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-42.74	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-46.98	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-58.87	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-64.38	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-57.36	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-44.33	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-46.88	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-61.36	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-62.58	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-57.78	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-44.08	PASS



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Scan code to check authenticity



Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-46.85	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-59.73	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-62.02	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-58.55	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-44.49	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-46.58	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-62.83	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-61.80	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-56.28	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-44.59	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-46.82	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-62.20	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-61.97	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-59.05	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-44.65	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-46.77	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-59.76	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-60.54	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-59.86	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-43.01	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-46.86	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-58.93	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-60.70	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-59.60	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-42.47	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-46.95	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-60.29	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-62.50	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-59.89	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-44.00	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-46.69	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-59.63	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-60.59	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-59.73	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-44.27	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-46.56	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-60.58	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-61.56	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-59.69	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-44.68	PASS



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Scan code to check authenticity

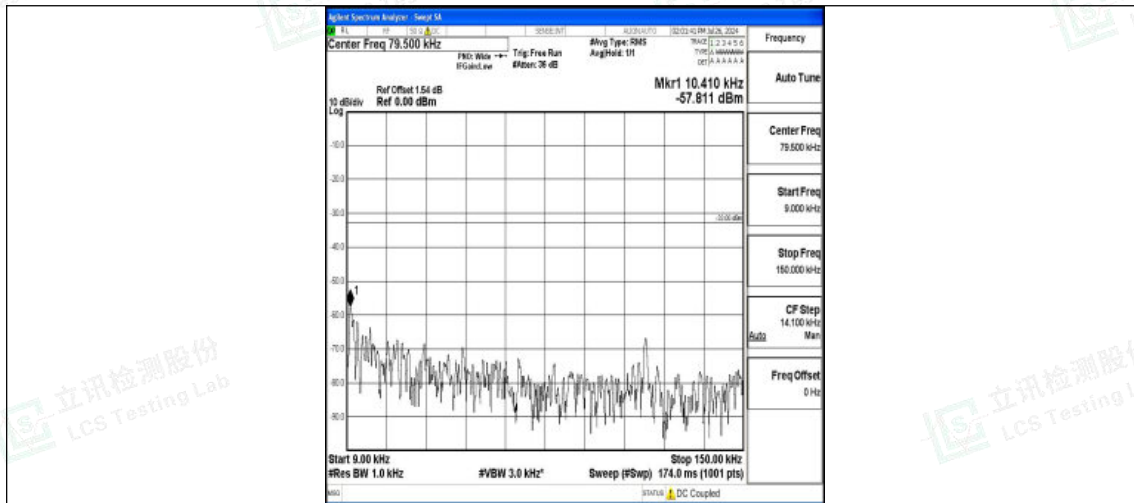


Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-46.43	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-62.30	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-61.17	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-59.87	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-44.74	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-46.39	PASS

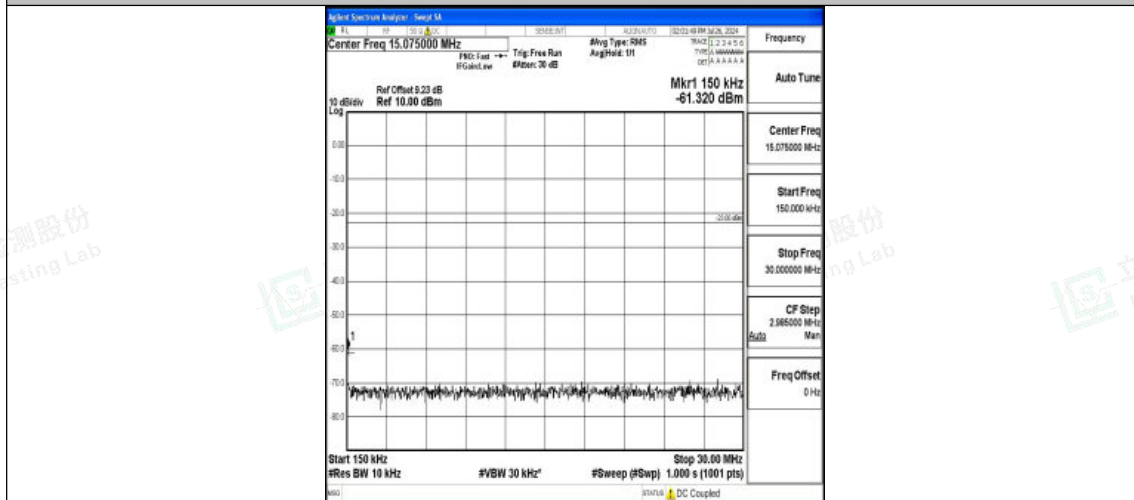




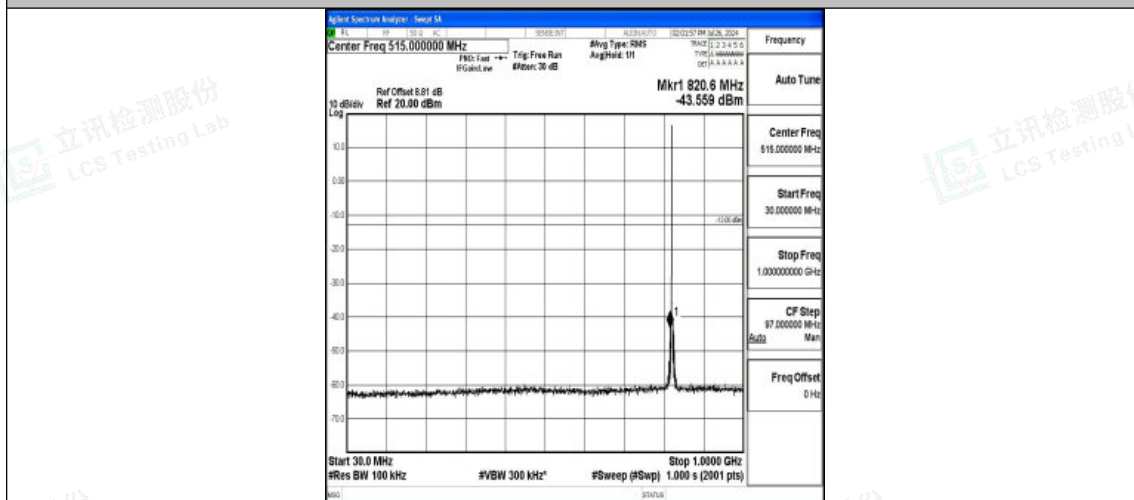
Test Graphs



Band5-1.4MHz-QPSK-20407-1RB#0-0.009~0.15-PASS

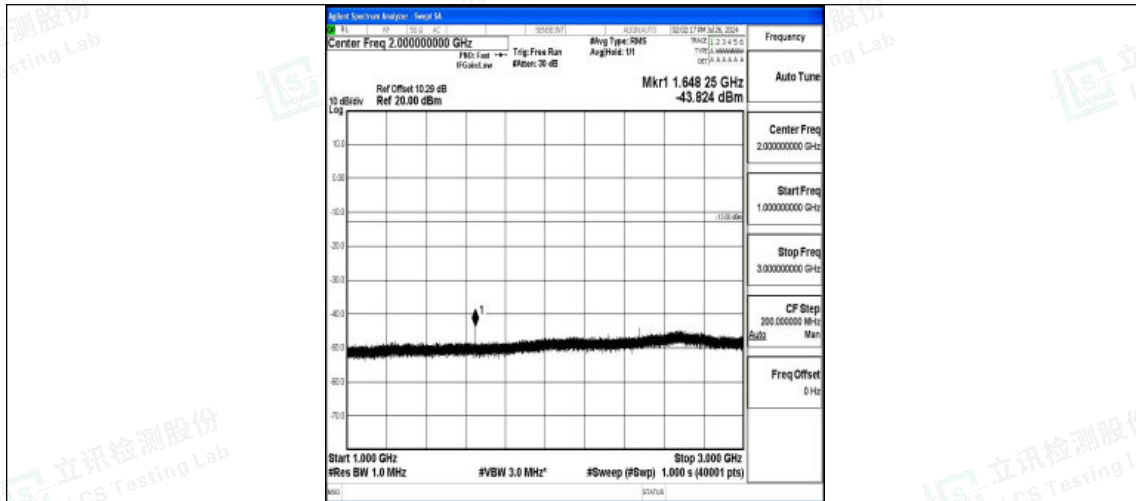


Band5-1.4MHz-QPSK-20407-1RB#0-0.15~30-PASS

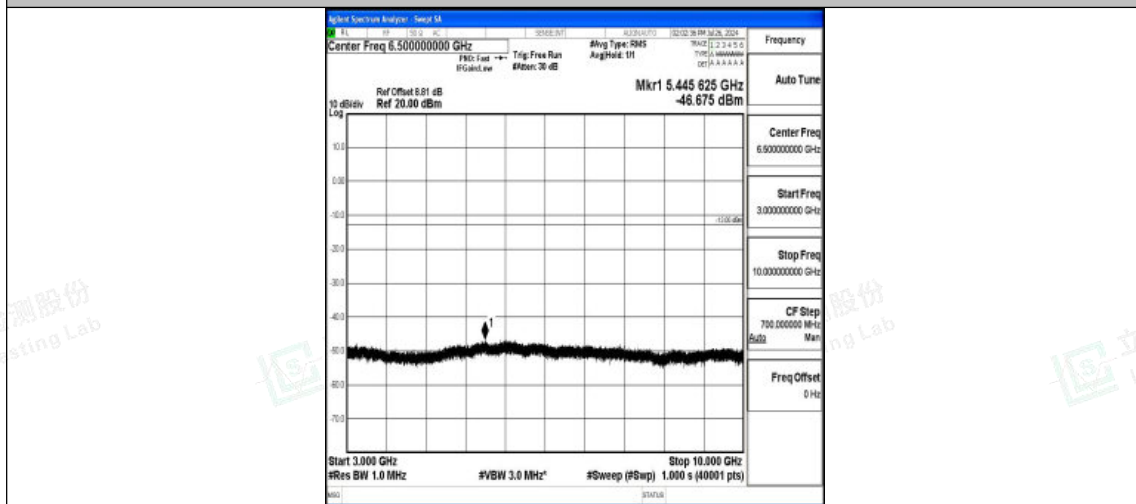


Band5-1.4MHz-QPSK-20407-1RB#0-30~1000-PASS

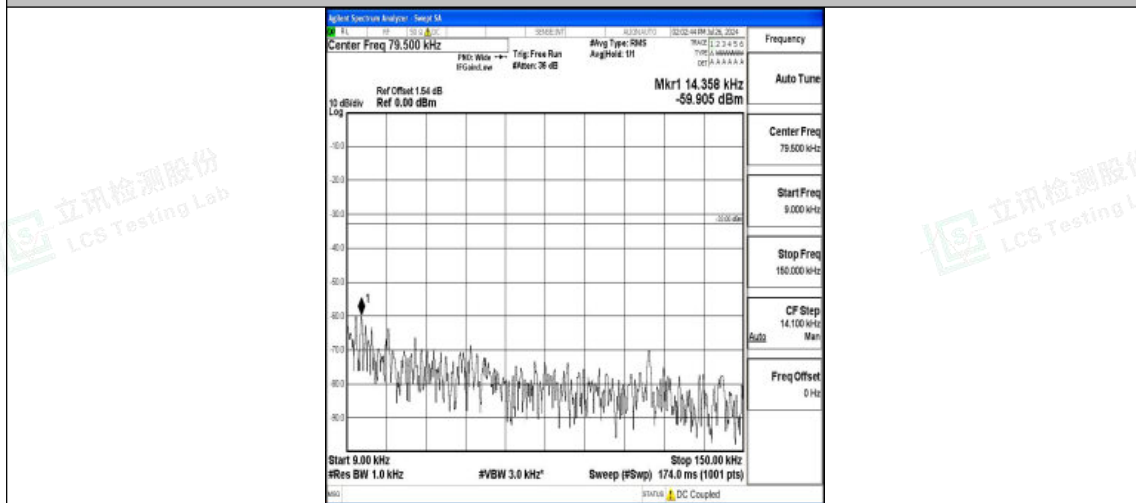




Band5-1.4MHz-QPSK-20407-1RB#0-1000~3000-PASS

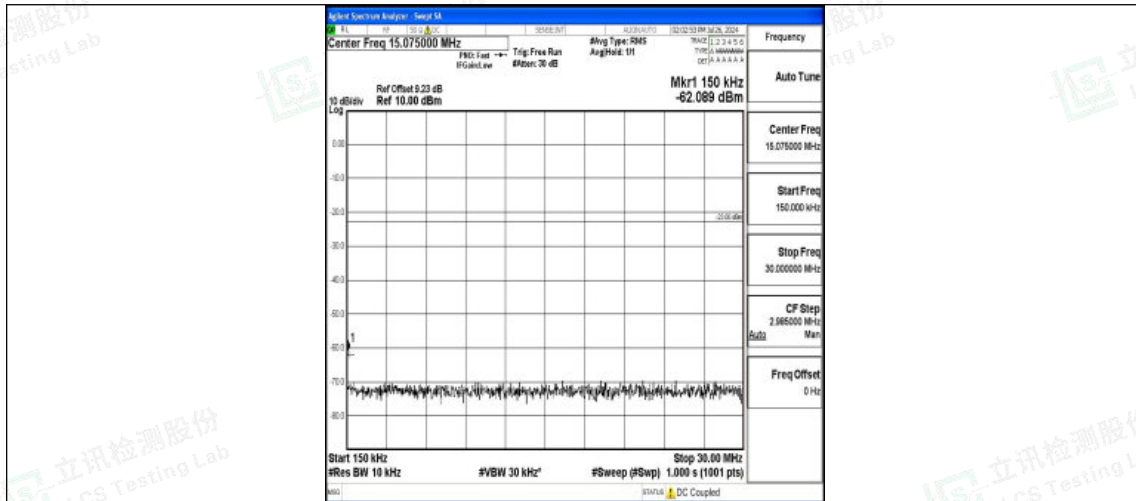


Band5-1.4MHz-QPSK-20407-1RB#0-3000~10000-PASS

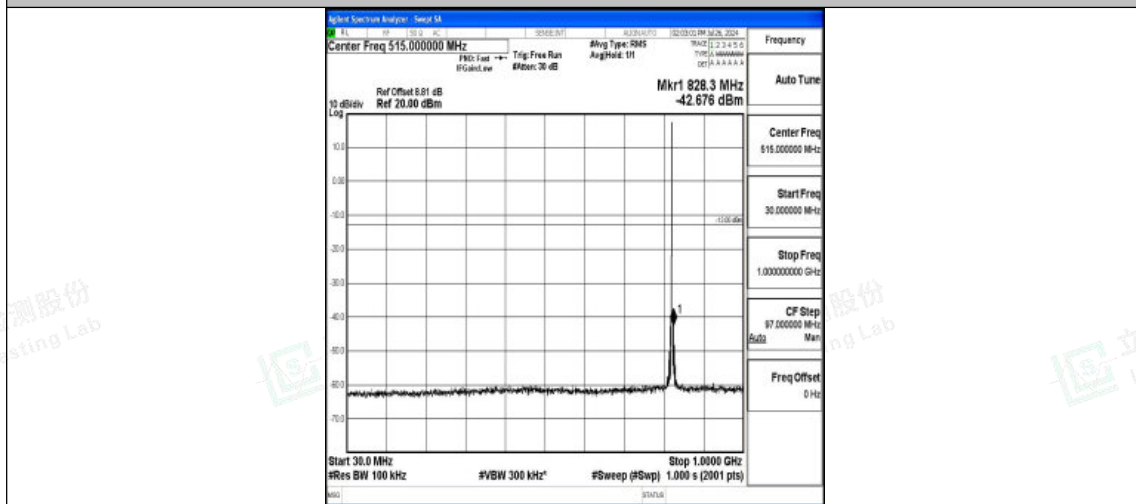


Band5-1.4MHz-16QAM-20407-1RB#0-0.009~0.15-PASS

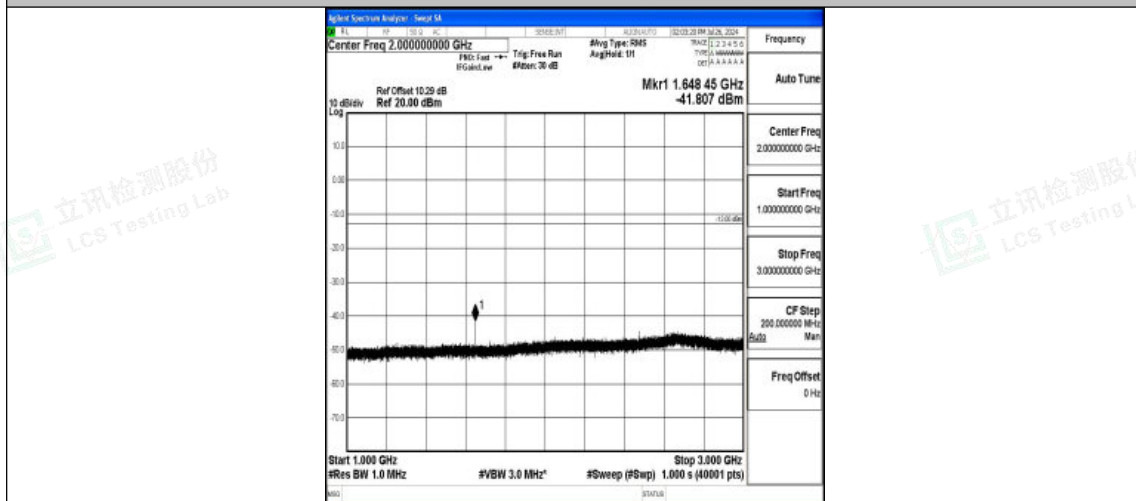




Band5-1.4MHz-16QAM-20407-1RB#0-0.15~30-PASS

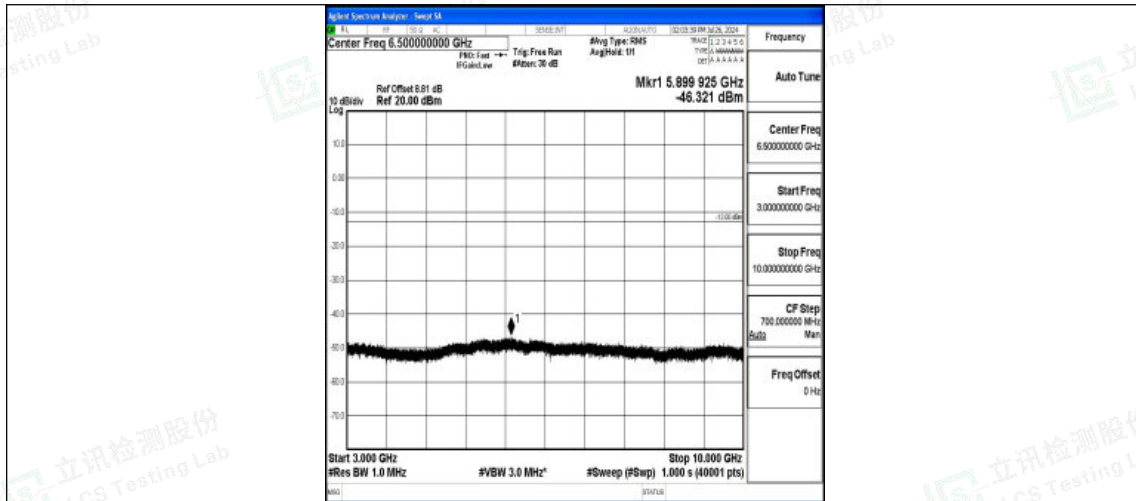


Band5-1.4MHz-16QAM-20407-1RB#0-30~1000-PASS

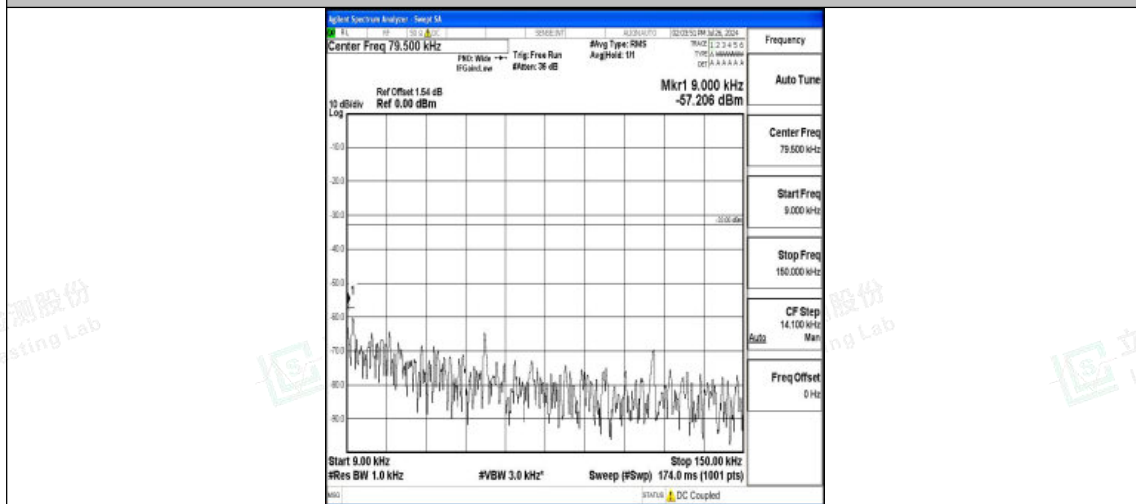


Band5-1.4MHz-16QAM-20407-1RB#0-1000~3000-PASS

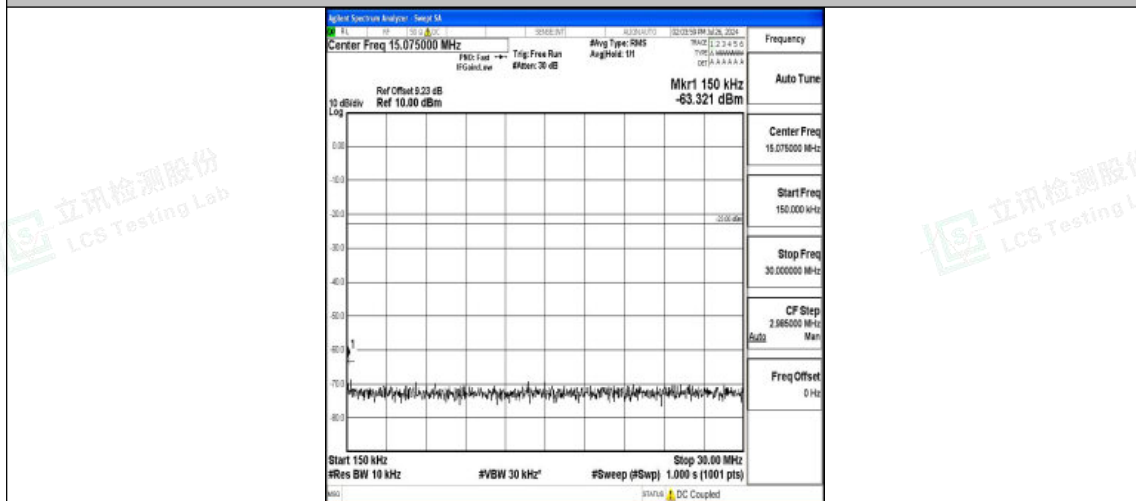




Band5-1.4MHz-16QAM-20407-1RB#0-3000~10000-PASS

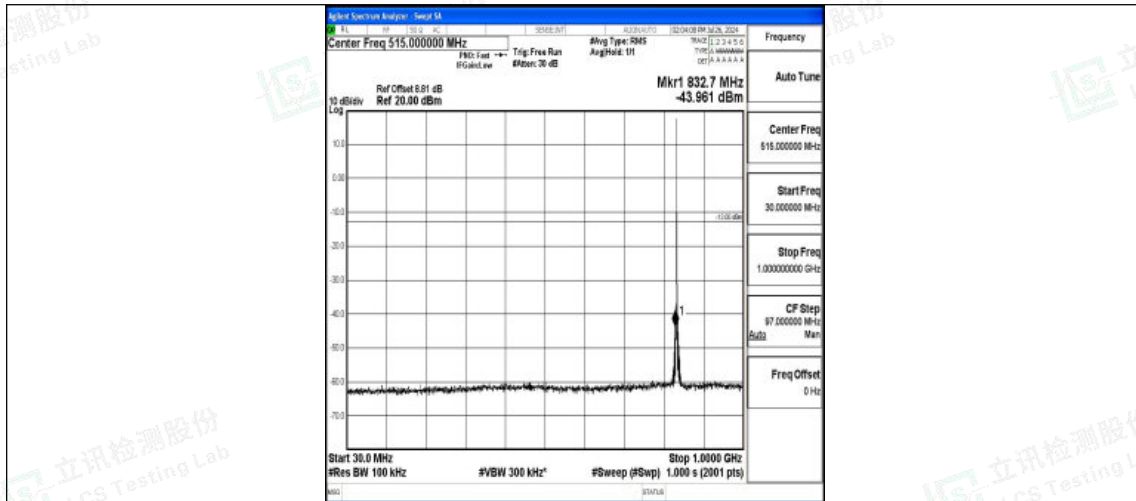


Band5-1.4MHz-QPSK-20525-1RB#0-0.009~0.15-PASS

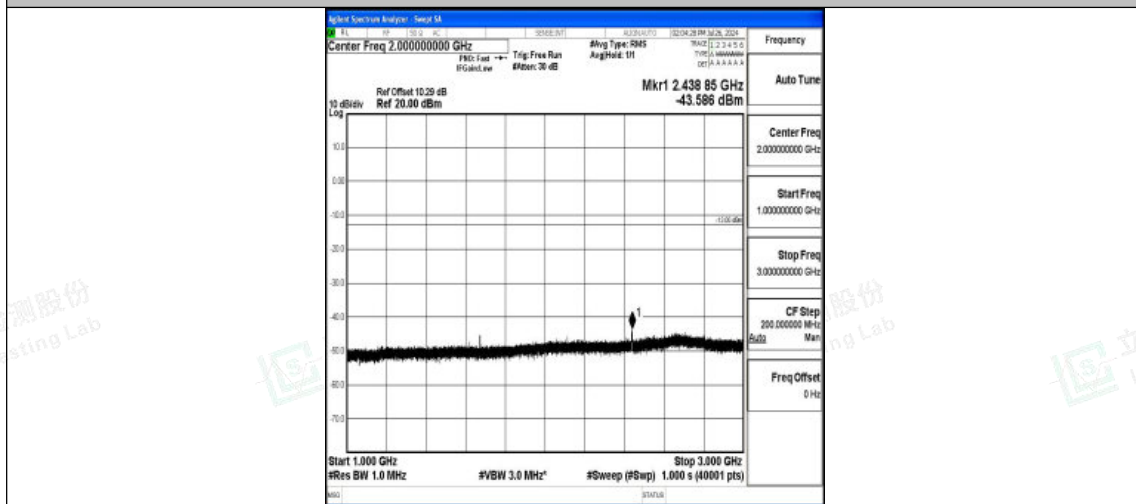


Band5-1.4MHz-QPSK-20525-1RB#0-0.15~30-PASS

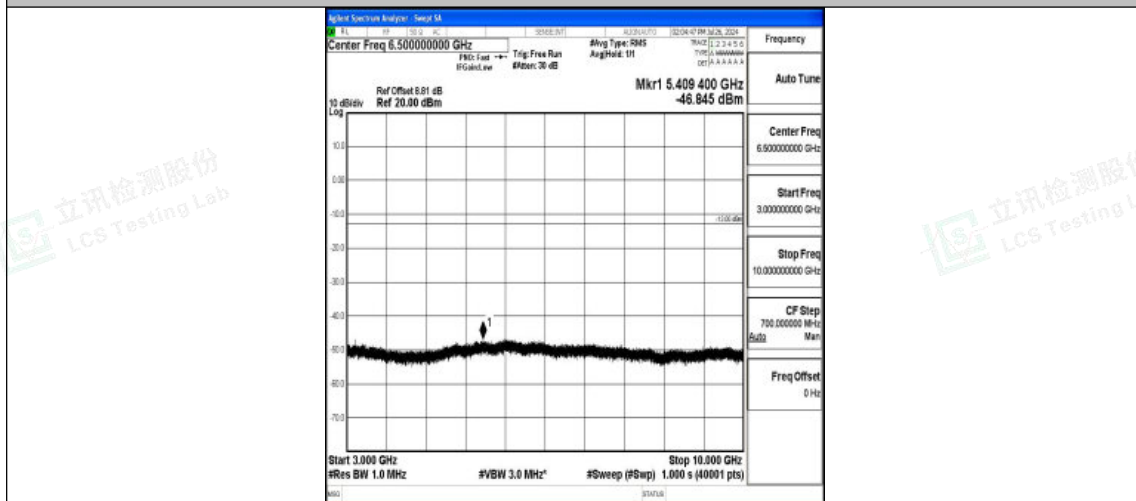




Band5-1.4MHz-QPSK-20525-1RB#0-30~1000-PASS

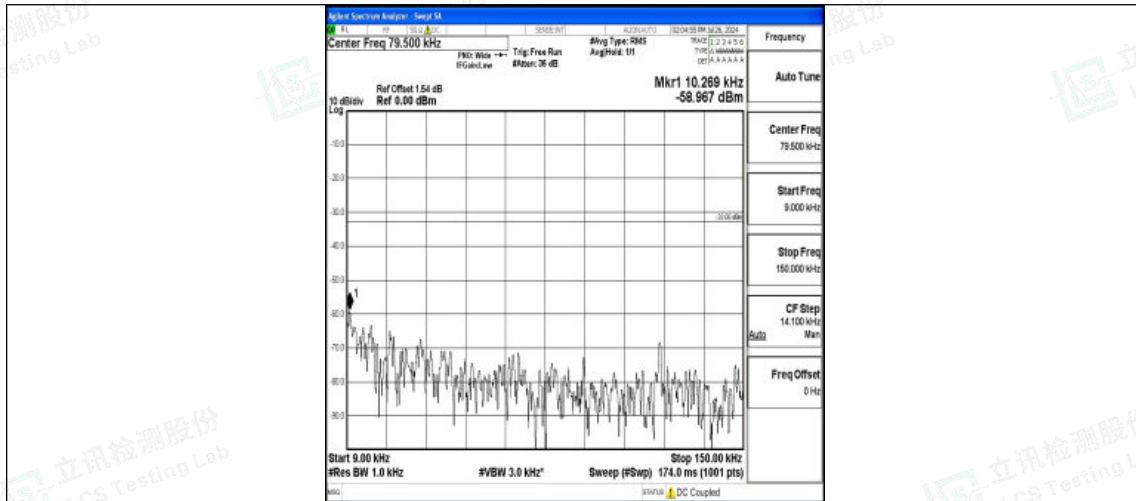


Band5-1.4MHz-QPSK-20525-1RB#0-1000~3000-PASS

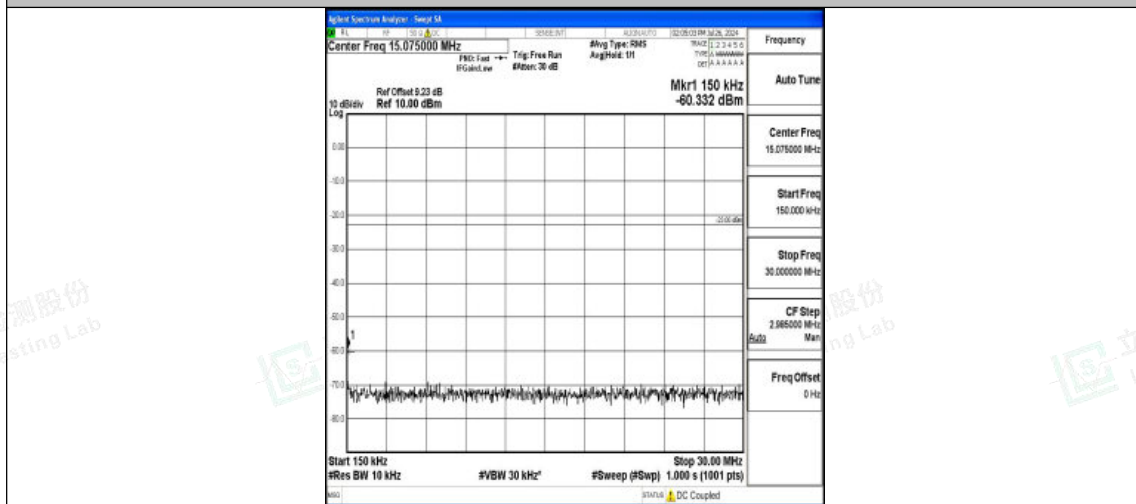


Band5-1.4MHz-QPSK-20525-1RB#0-3000~10000-PASS

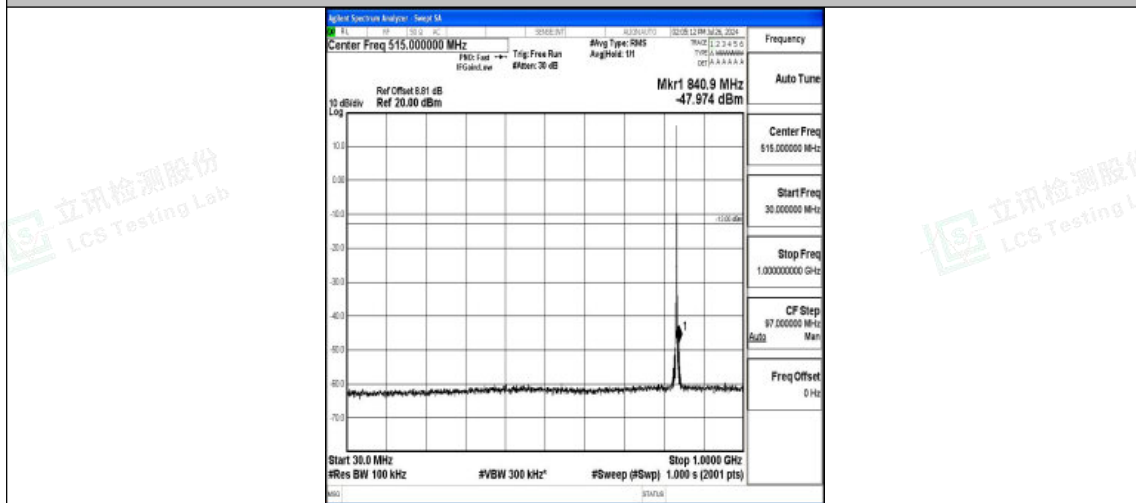




Band5-1.4MHz-16QAM-20525-1RB#0-0.009~0.15-PASS



Band5-1.4MHz-16QAM-20525-1RB#0-0.15~30-PASS



Band5-1.4MHz-16QAM-20525-1RB#0-30~1000-PASS

