



Appendix I: Test Data for E-UTRA Band 12

Product Name: TD-LTE digital mobile phone

Test Model: XS18 Pro Max

Environmental Conditions

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





I.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.25	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.15	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.33	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.29	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.25	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.15	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.38	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.13	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.39	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.13	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.33	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.10	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.24	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.27	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.28	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.05	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.37	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.25	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.07	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.33	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.10	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.32	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.10	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.11	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.15	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.05	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.23	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.97	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.31	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.10	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.25	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.96	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.35	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.03	PASS





Band12	1.4MHz	16QAM	23173	3RB#1	22.03	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.35	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.02	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.20	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.20	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.24	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.22	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.31	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.28	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.24	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.22	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.27	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.35	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.27	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.34	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.28	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.37	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.27	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.34	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.29	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.06	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.27	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.04	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.20	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.97	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.26	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.25	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.25	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.25	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.19	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.23	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.22	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.21	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.23	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.94	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.24	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.97	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.17	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.91	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.27	PASS





Band12	3MHz	16QAM	23165	8RB#0	21.28	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.27	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.28	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.24	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.22	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.21	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.16	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.42	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.28	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.45	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.31	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.34	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.22	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.38	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.40	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.37	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.40	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.31	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.35	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.31	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.34	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.33	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.34	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.29	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.32	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.21	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.25	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.30	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.39	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.30	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.39	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.26	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.35	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.24	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.25	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.30	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.18	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.34	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.17	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.25	PASS





Band12	5MHz	16QAM	23155	1RB#24	22.11	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.27	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.34	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.28	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.33	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.30	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.33	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.24	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.28	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.35	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.34	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.34	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.30	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.22	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.22	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.36	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.33	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.36	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.26	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.26	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.32	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.34	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.41	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.21	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.39	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.16	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.30	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.13	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.28	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.37	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.29	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.36	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.21	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.26	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.32	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.36	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.31	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.33	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.04	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.27	PASS





Band12	10MHz	16QAM	23130	1RB#49	22.00	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.24	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.31	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.22	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.13	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.30	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.35	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.32	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.04	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.31	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.21	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.28	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.25	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.31	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.89	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	6.01	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.82	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.59	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.45	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.57	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.51	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.30	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.43	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.61	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.42	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.23	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.94	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.87	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.91	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.71	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.41	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.33	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.62	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.39	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	5.07	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	6.03	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.62	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.44	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	5.01	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.75	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.82	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.51	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.36	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.20	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.77	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.42	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	5.42	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	6.08	13	PASS



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Scan code to check authenticity



Band12	5MHz	QPSK	23155	25RB#0	5.75	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.47	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	5.01	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.90	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.57	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.37	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.60	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.52	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.84	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.52	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.36	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.27	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.81	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.56	13	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

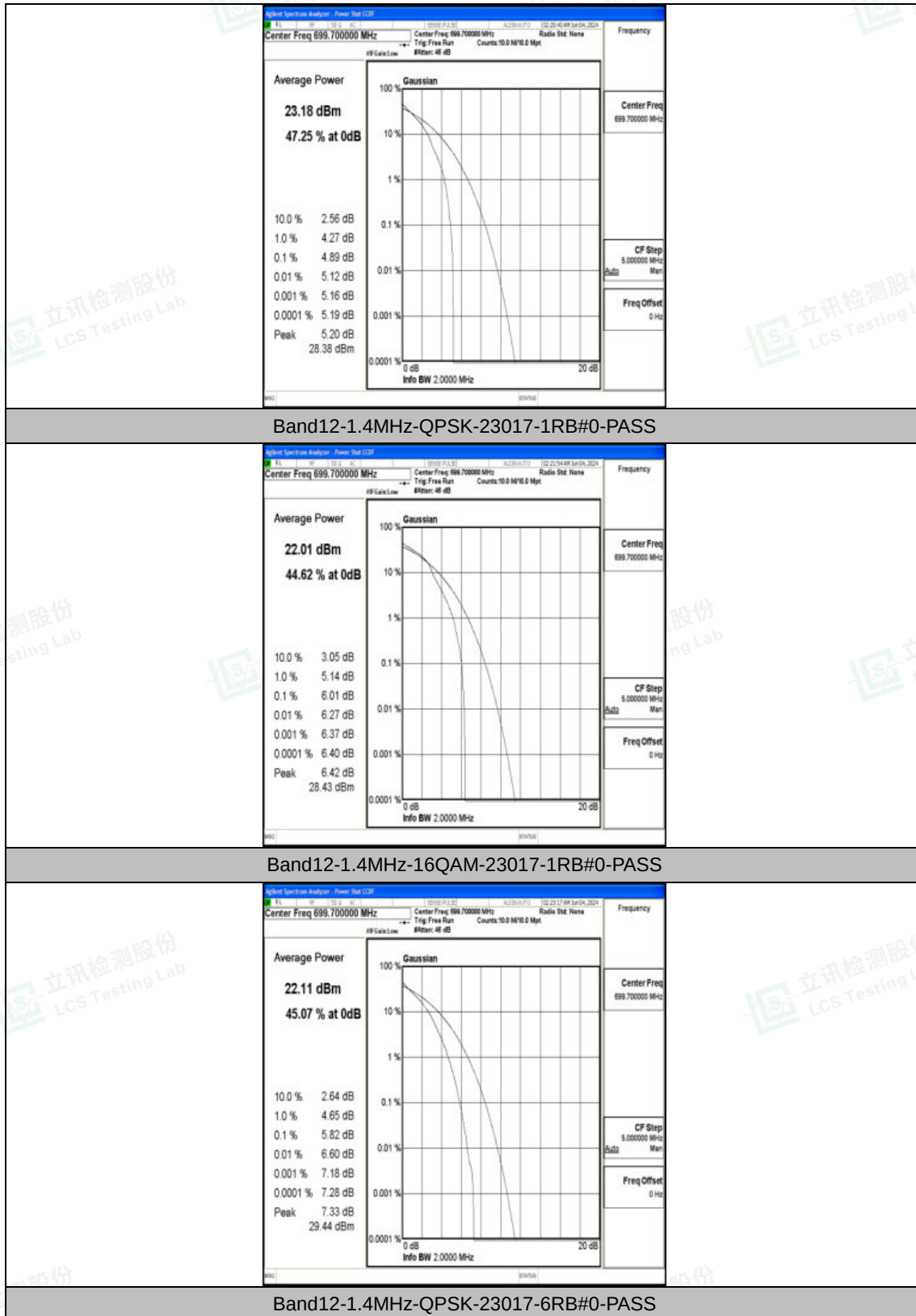
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

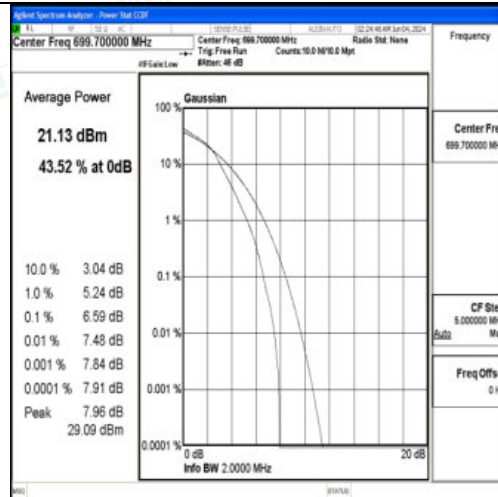
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

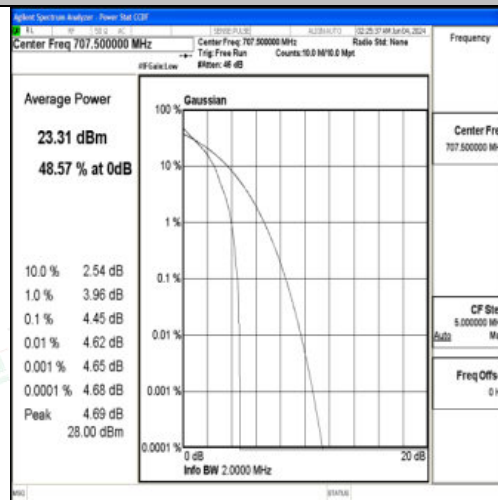


Test Graphs

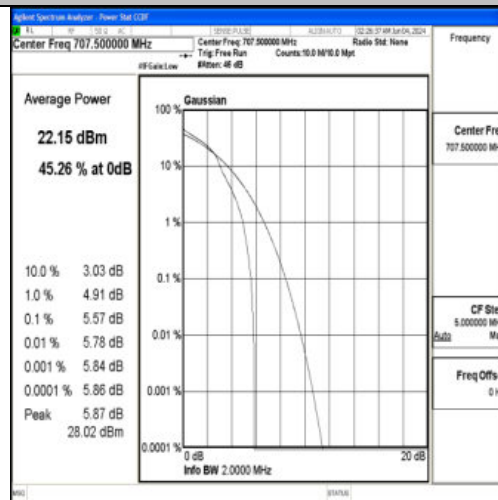




Band12-1.4MHz-16QAM-23017-6RB#0-PASS

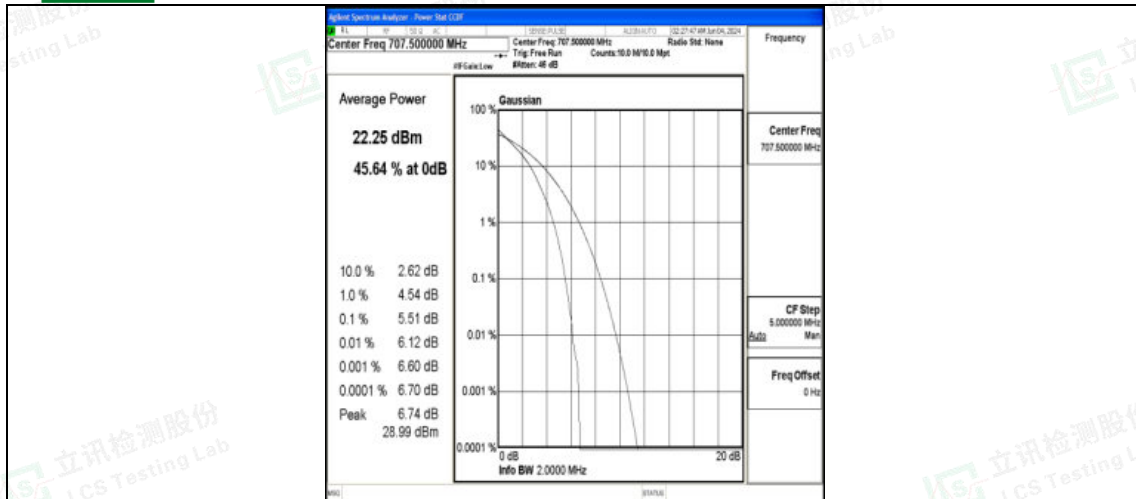


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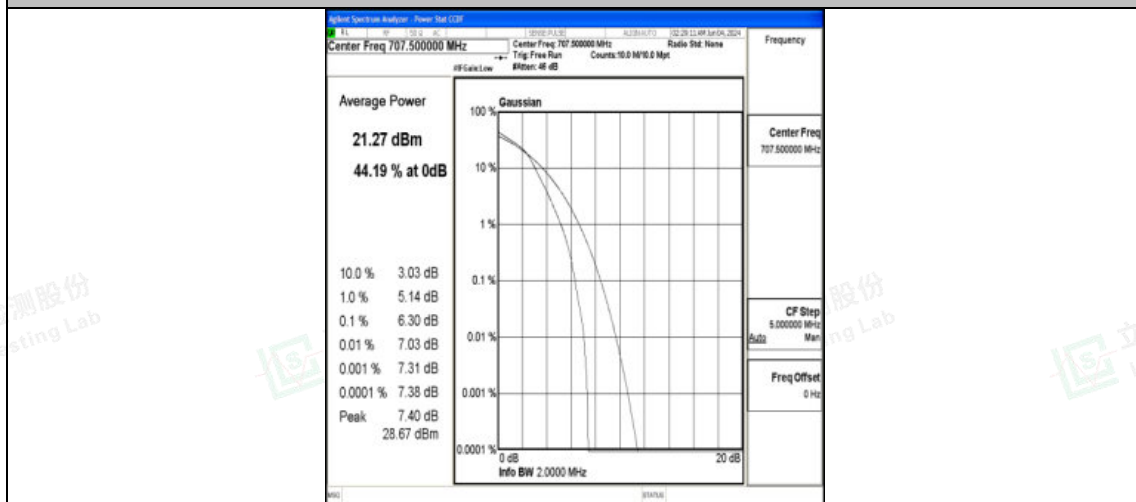


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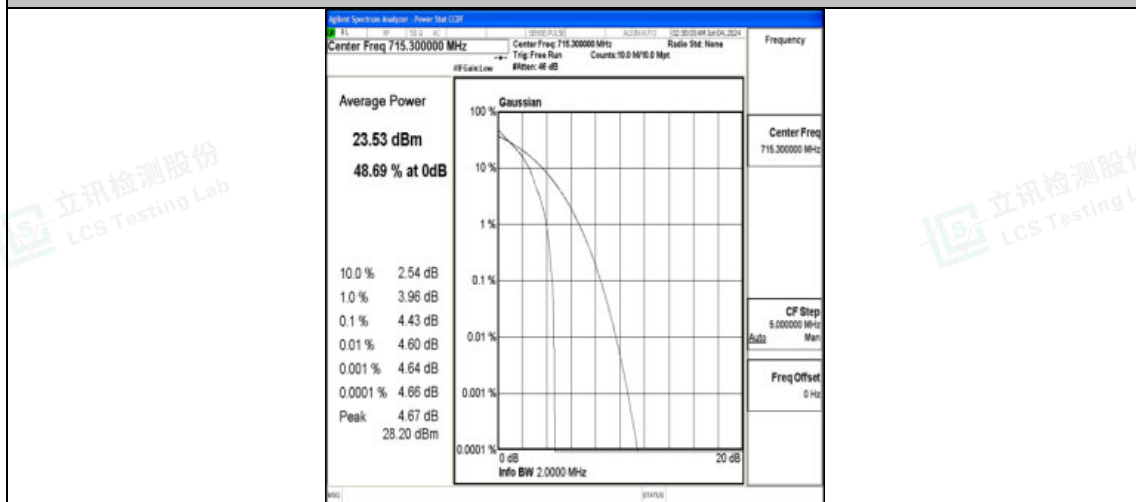




Band12-1.4MHz-QPSK-23095-6RB#0-PASS

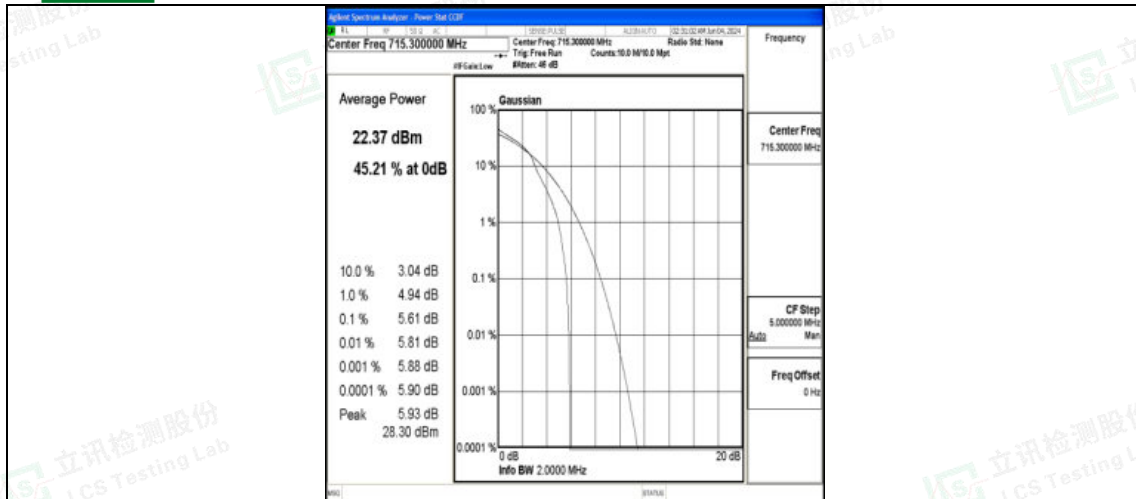


Band12-1.4MHz-16QAM-23095-6RB#0-PASS

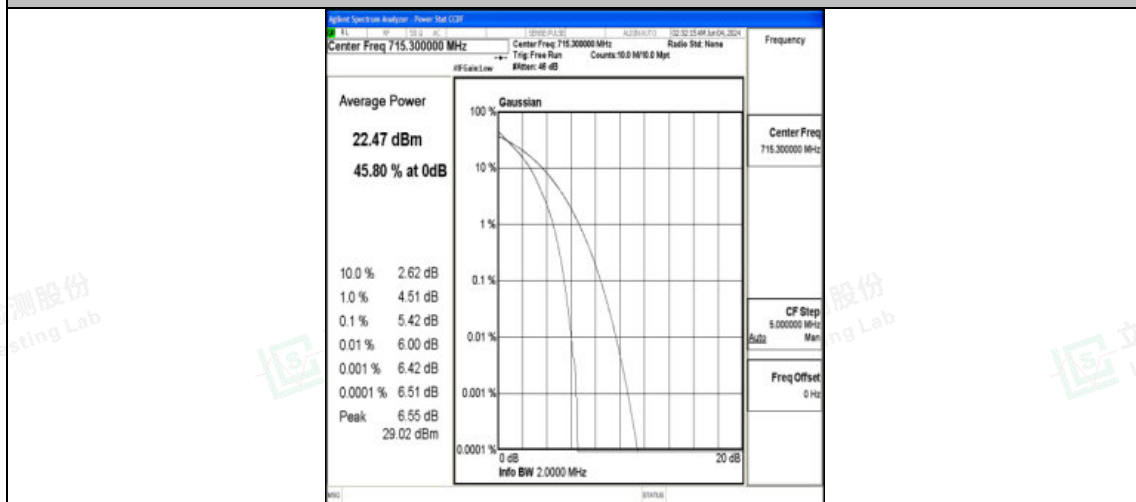


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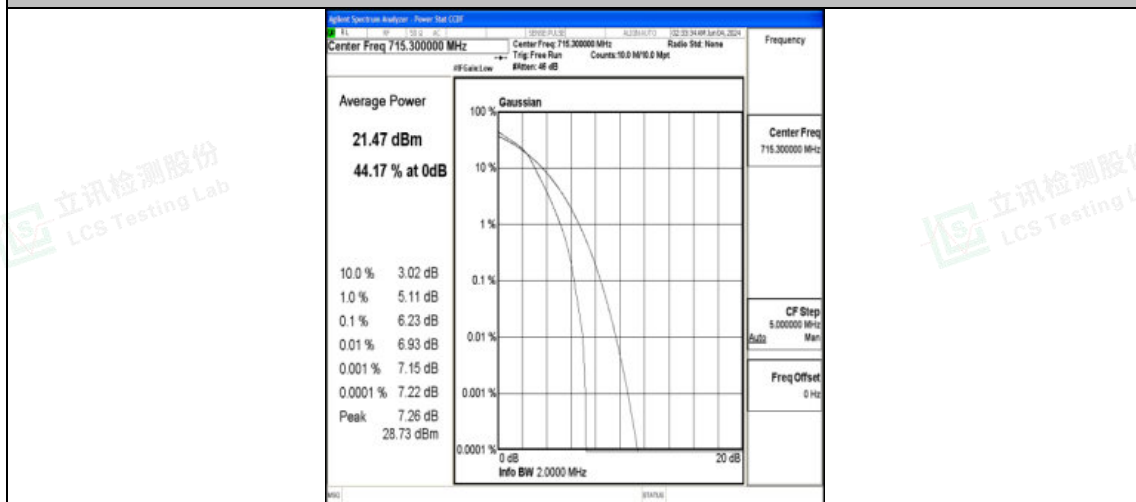




Band12-1.4MHz-16QAM-23173-1RB#0-PASS

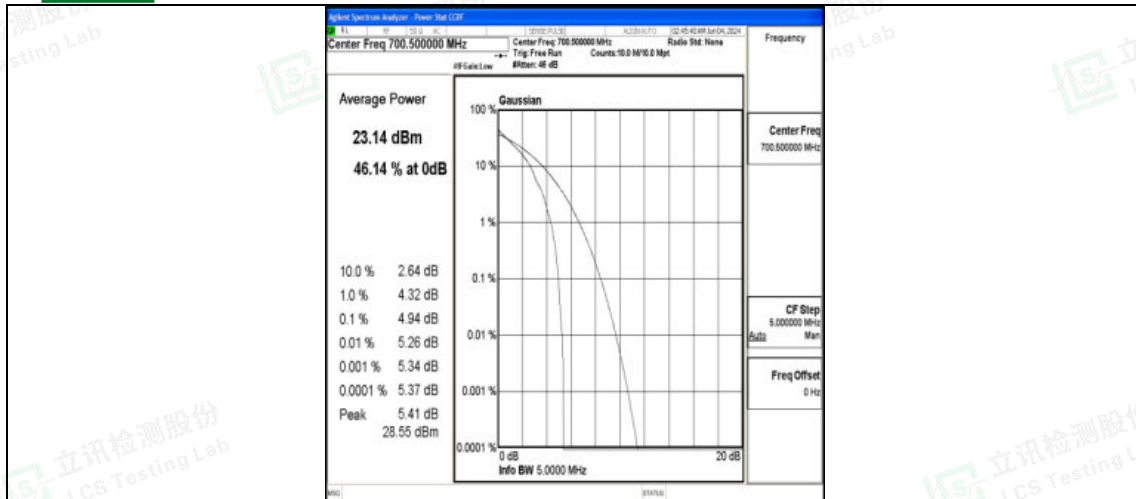


Band12-1.4MHz-QPSK-23173-6RB#0-PASS

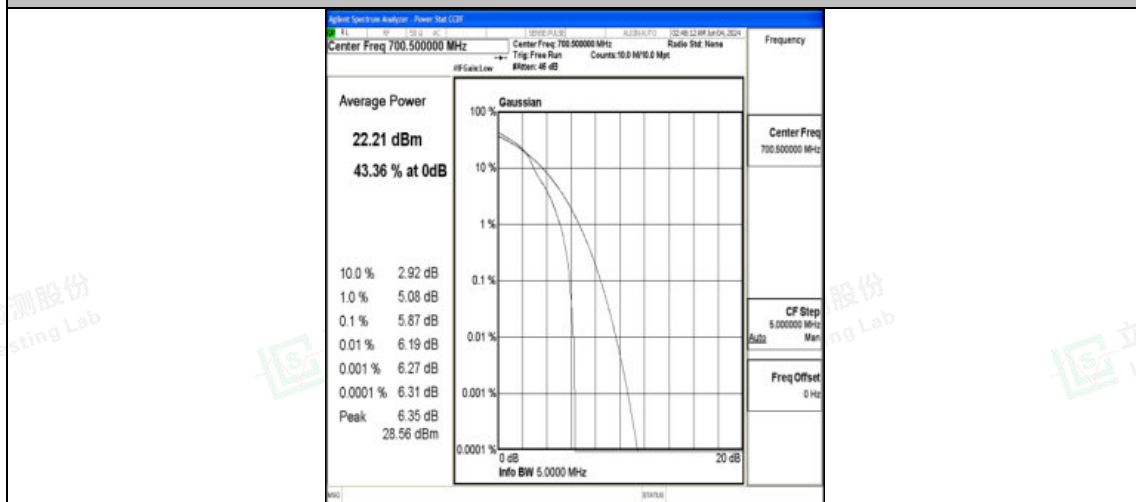


Band12-1.4MHz-16QAM-23173-6RB#0-PASS

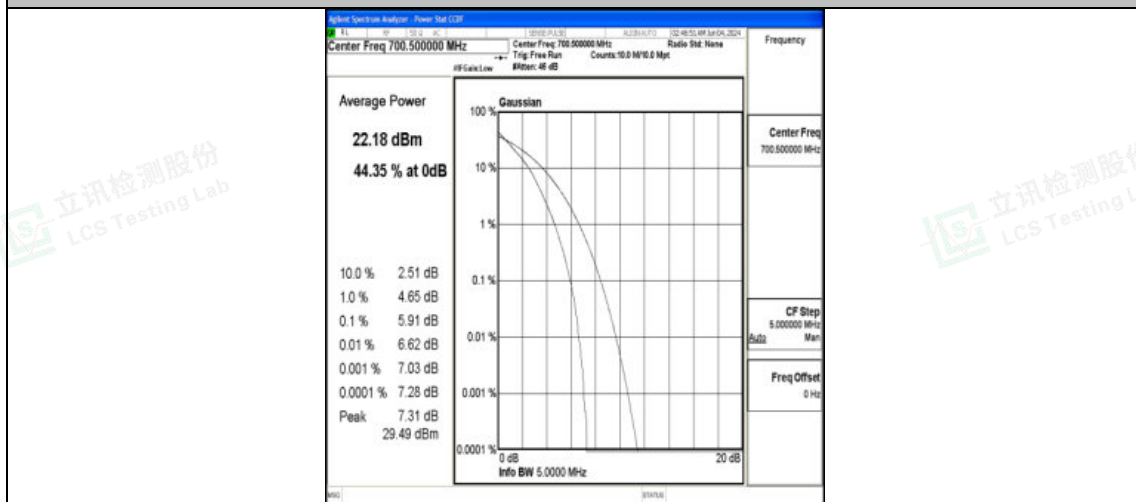




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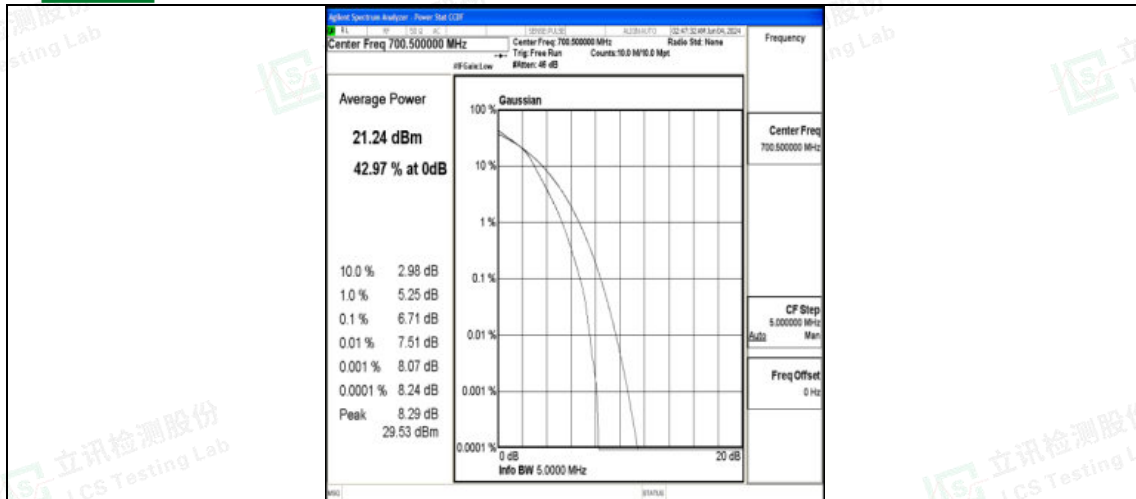


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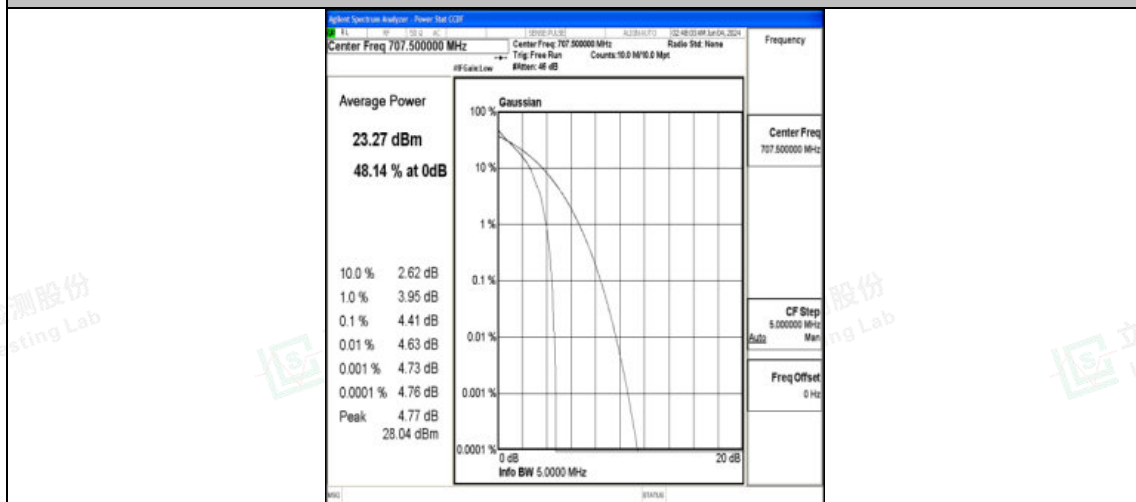


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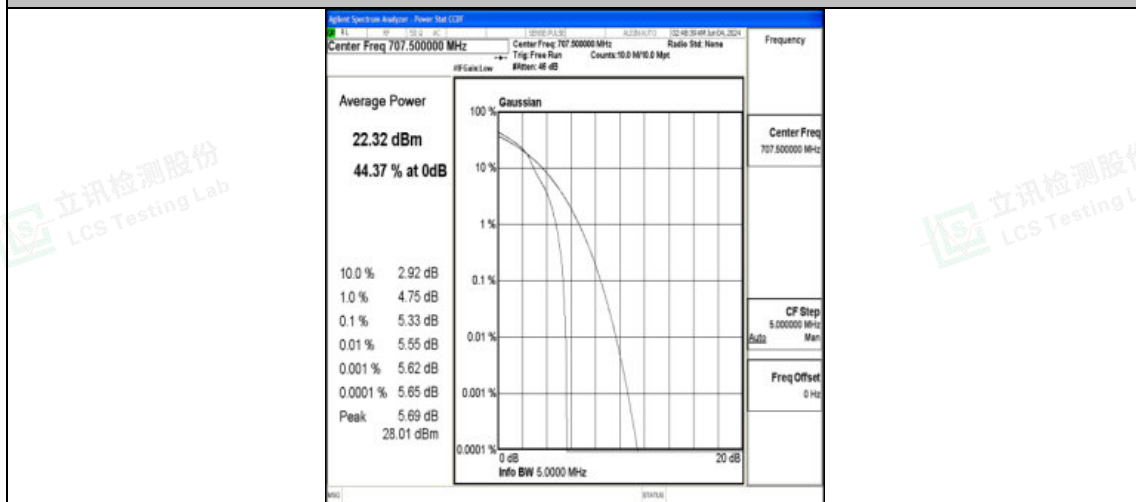




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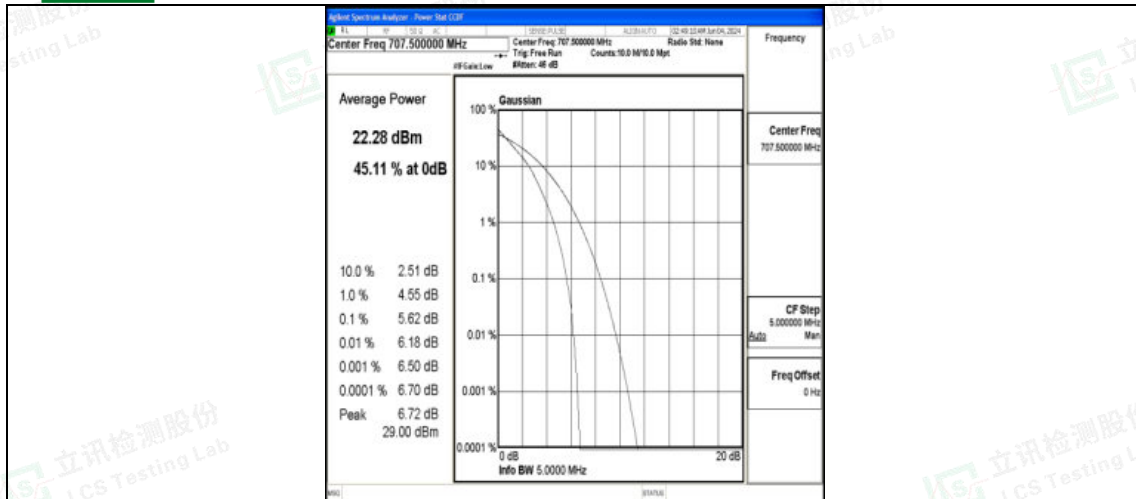


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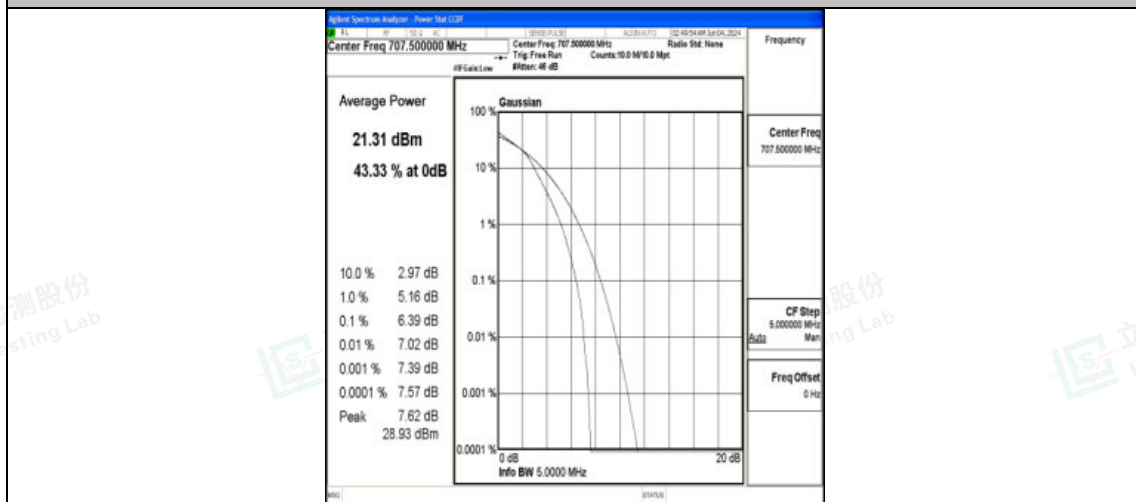


Band12-3MHz-16QAM-23095-1RB#0-PASS

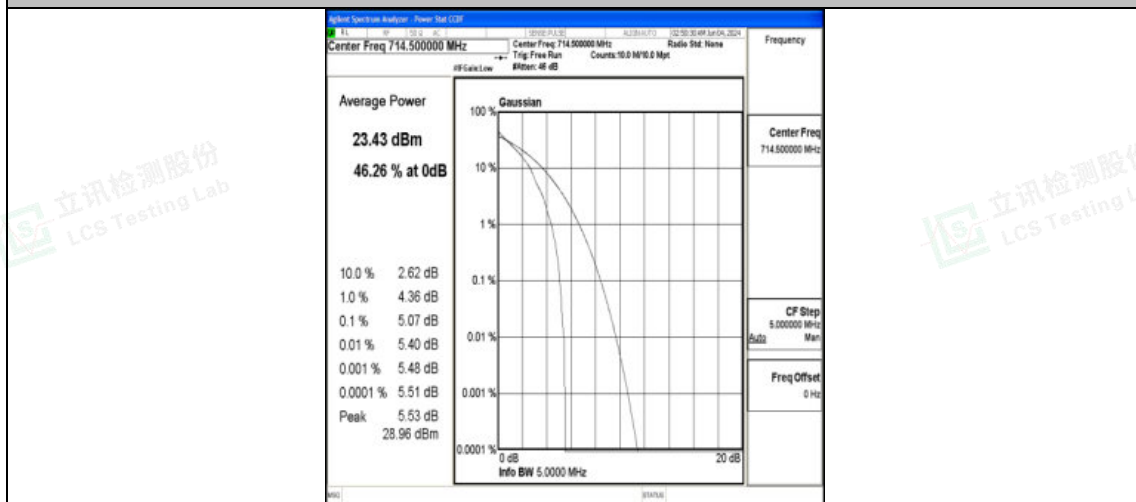




Band12-3MHz-QPSK-23095-15RB#0-PASS

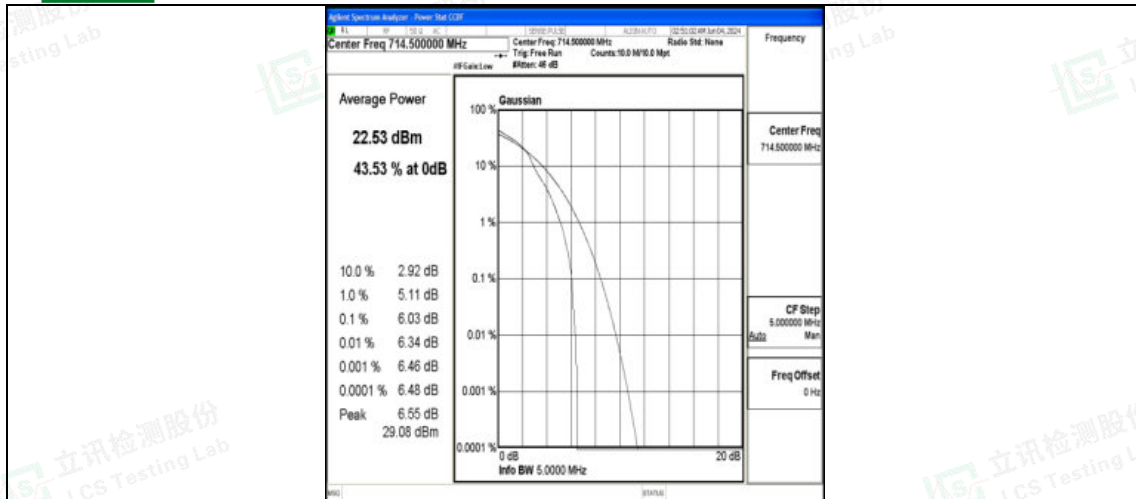


Band12-3MHz-16QAM-23095-15RB#0-PASS

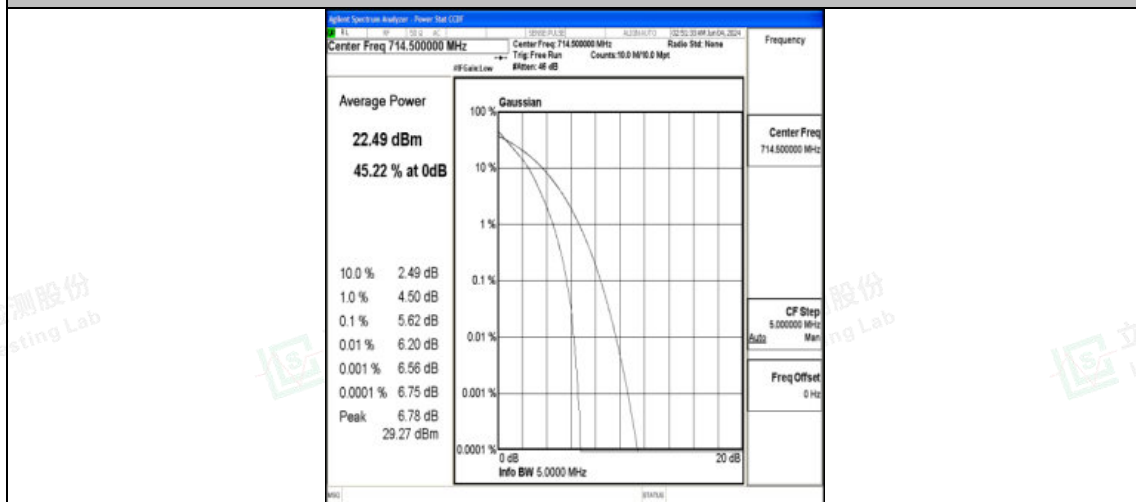


Band12-3MHz-QPSK-23165-1RB#0-PASS

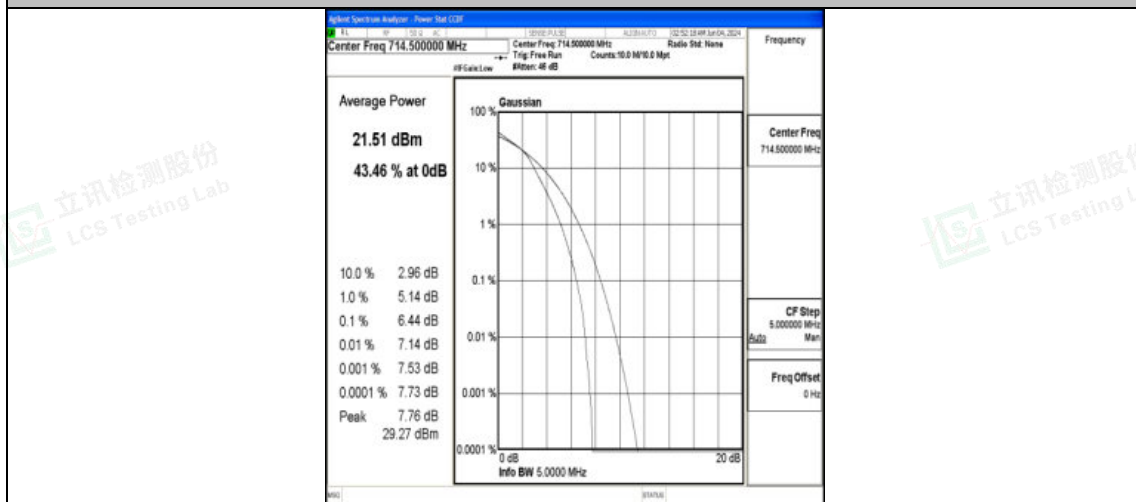




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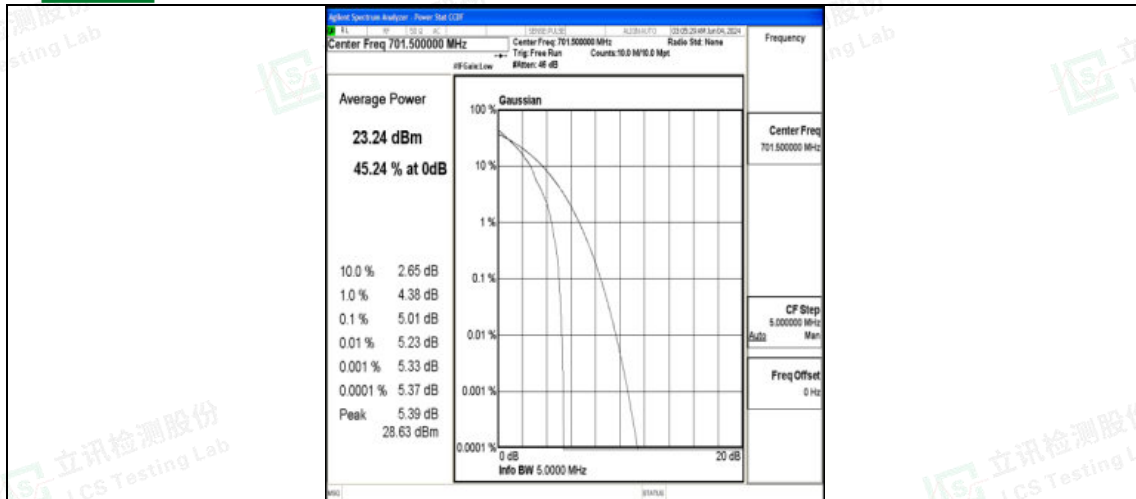


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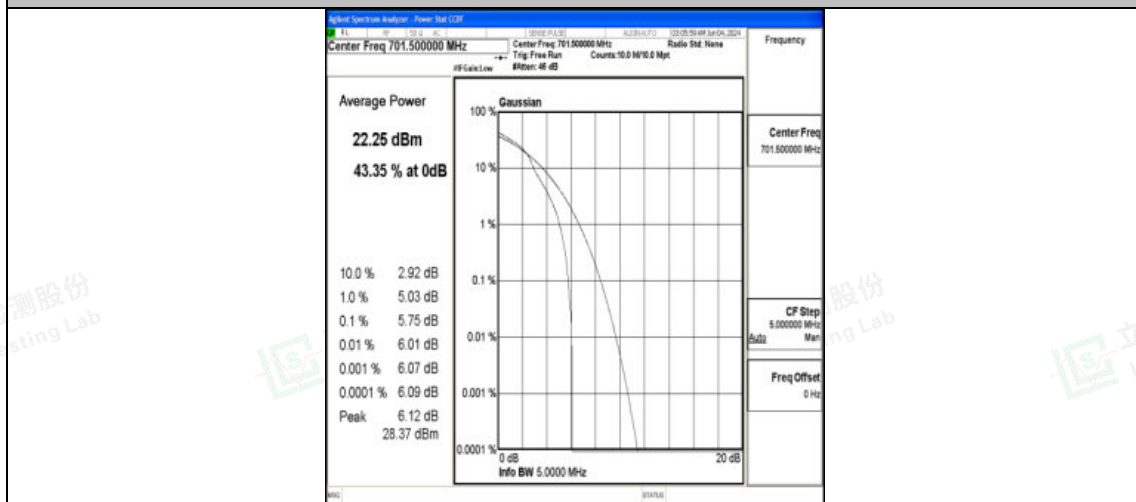


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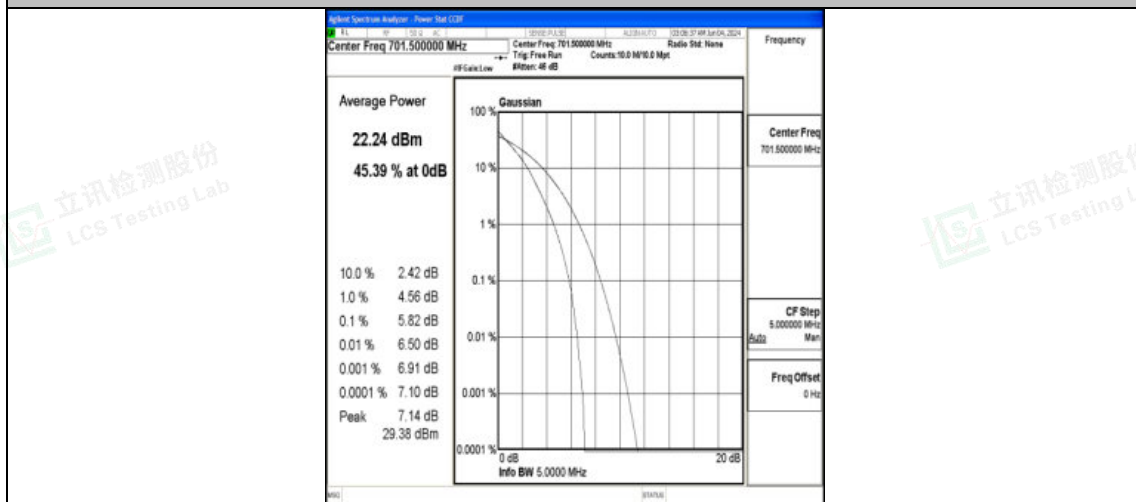




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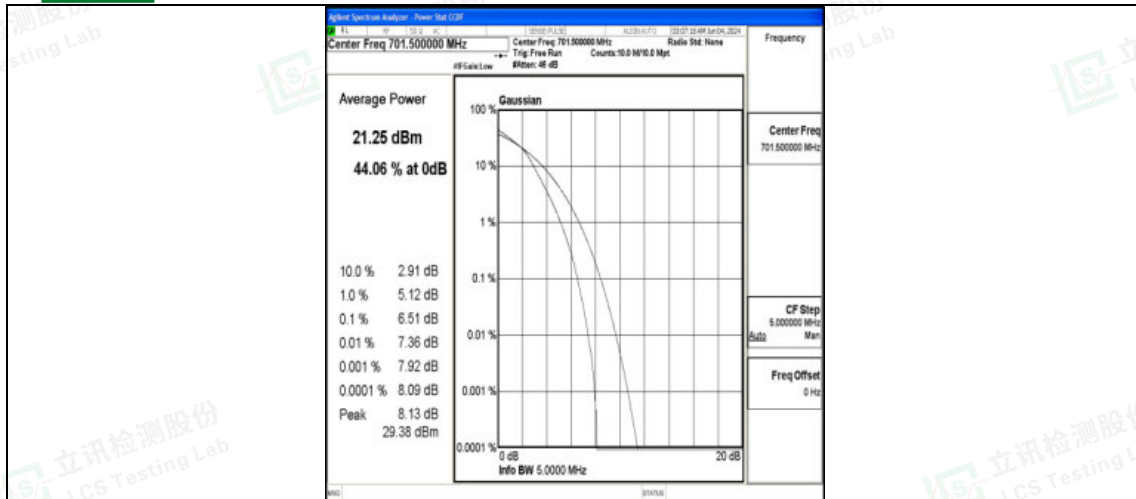


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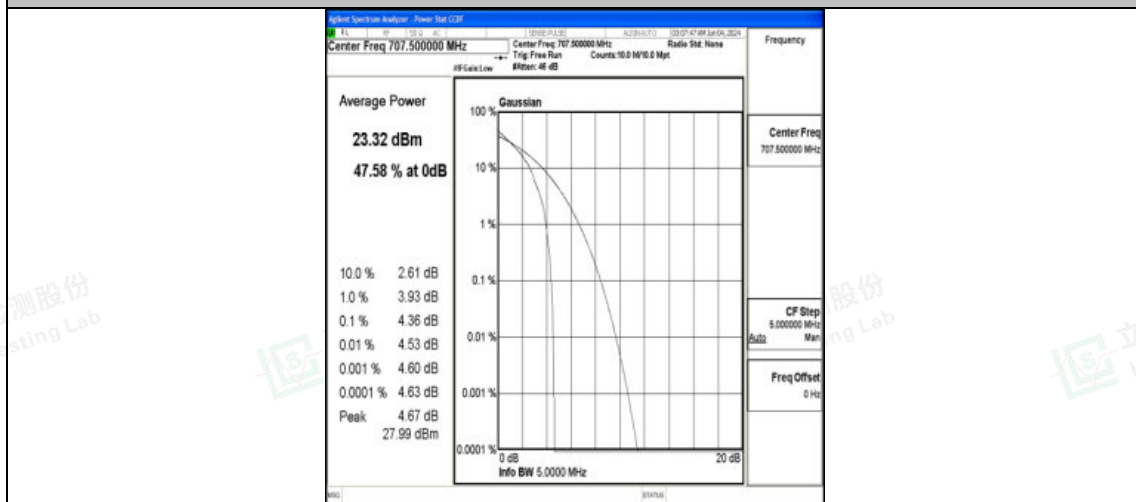


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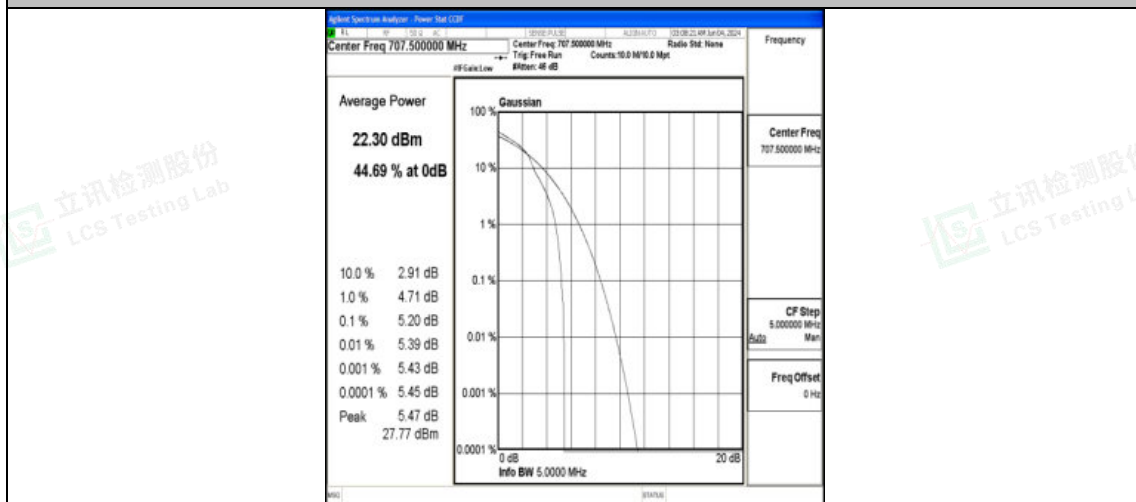




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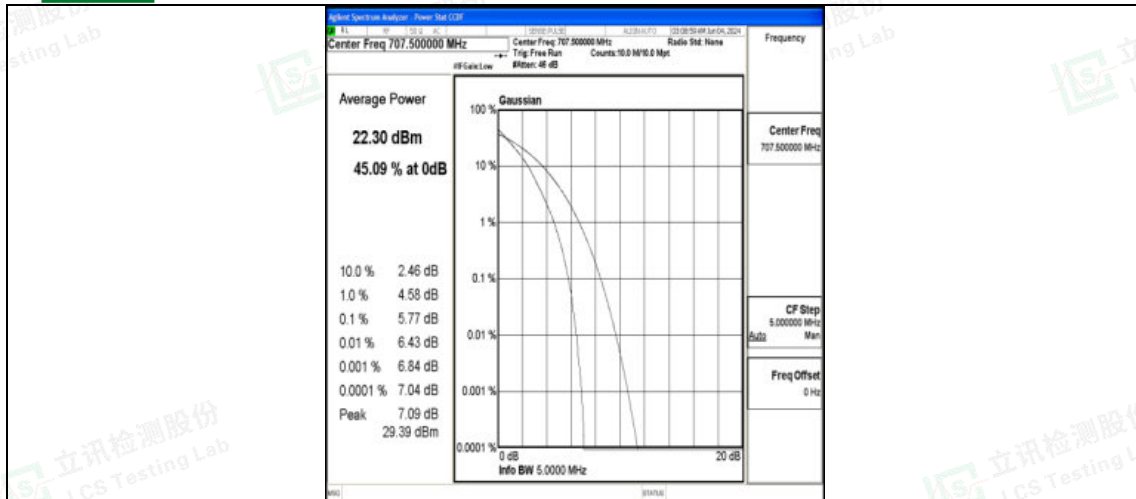


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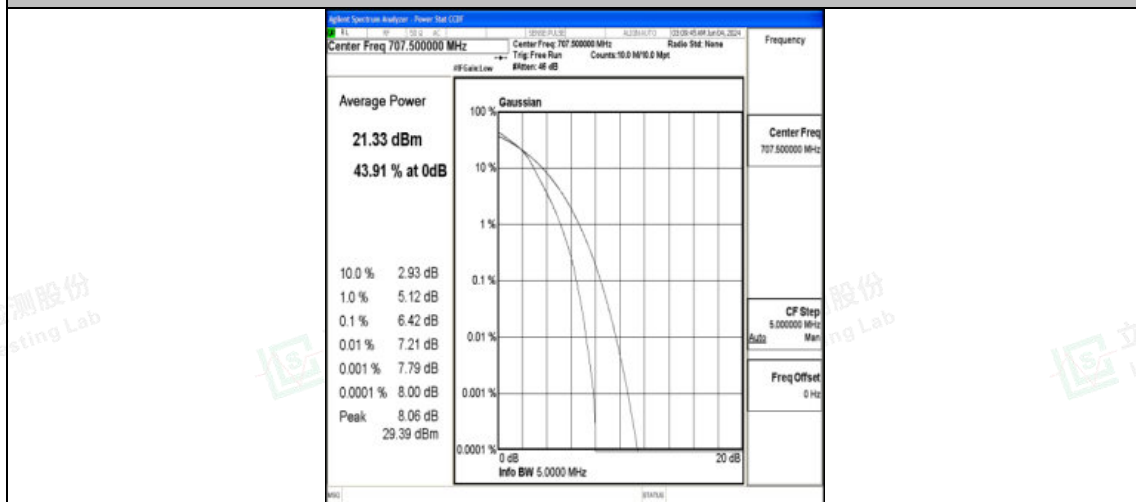


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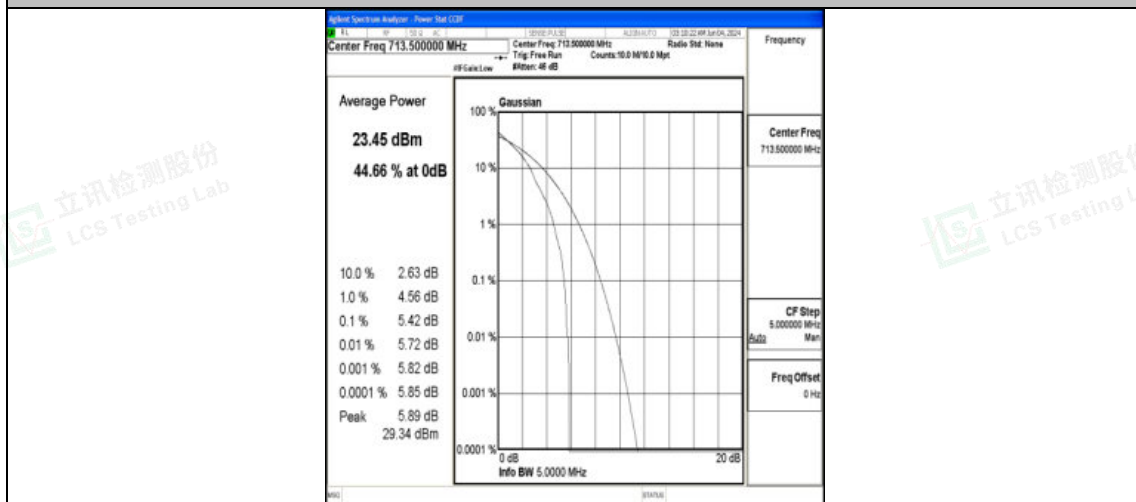




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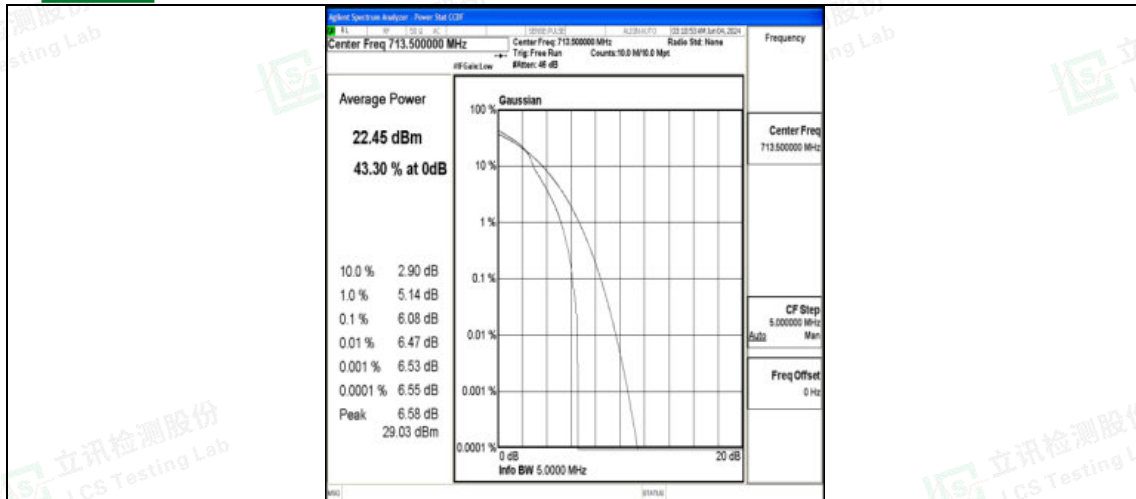


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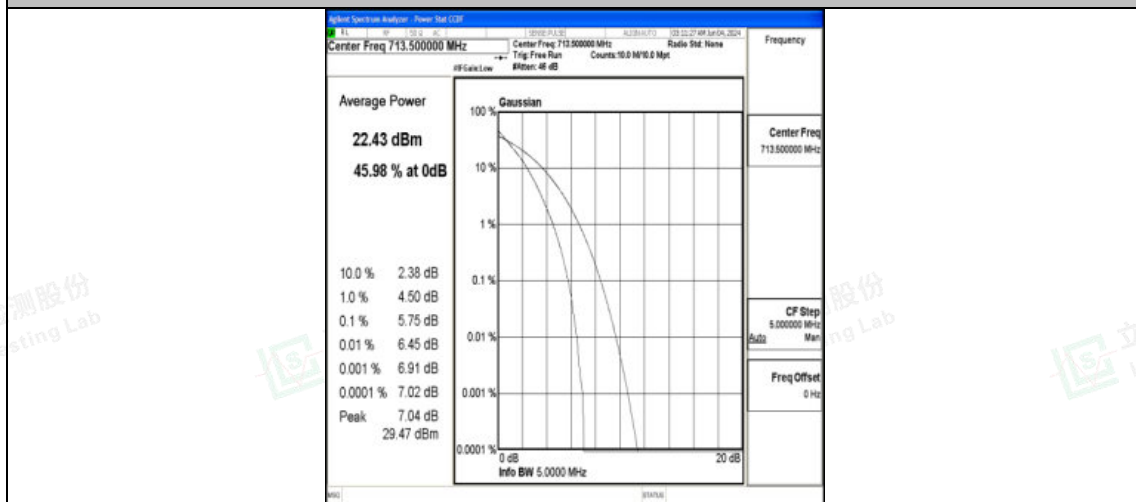


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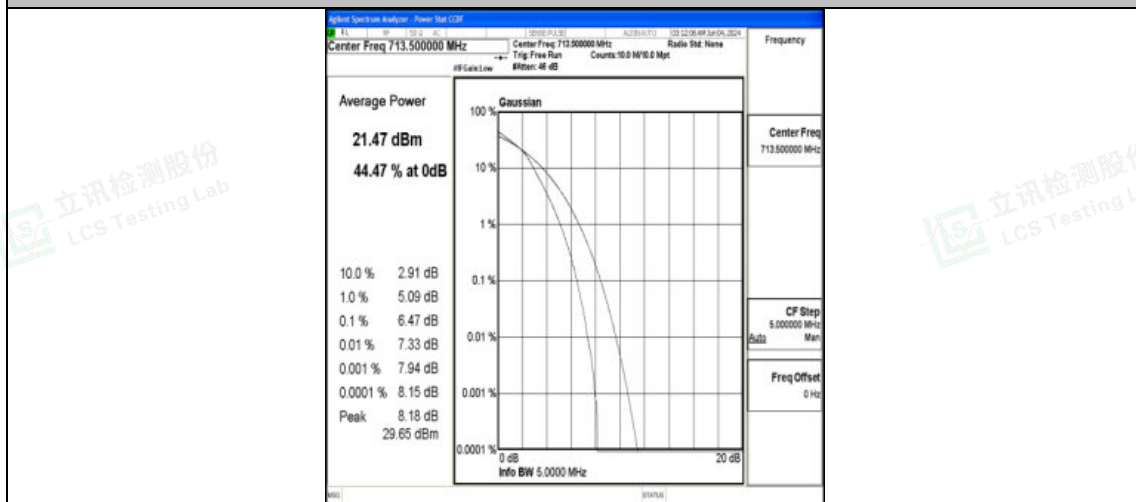




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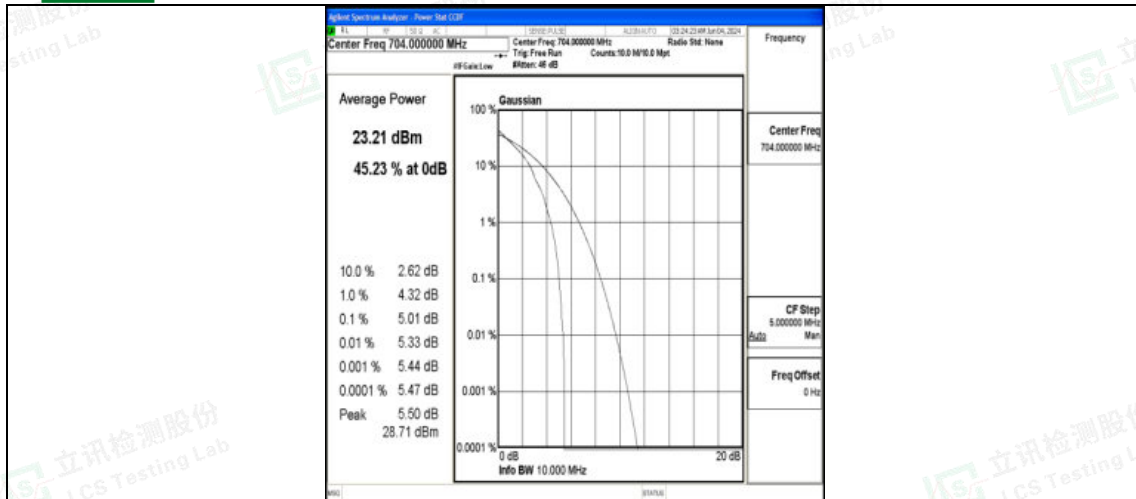


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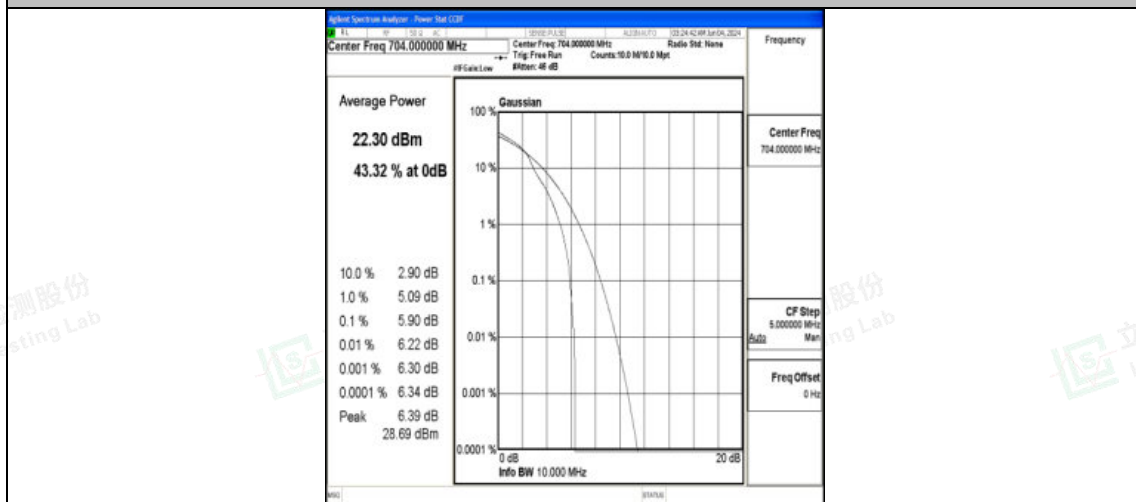


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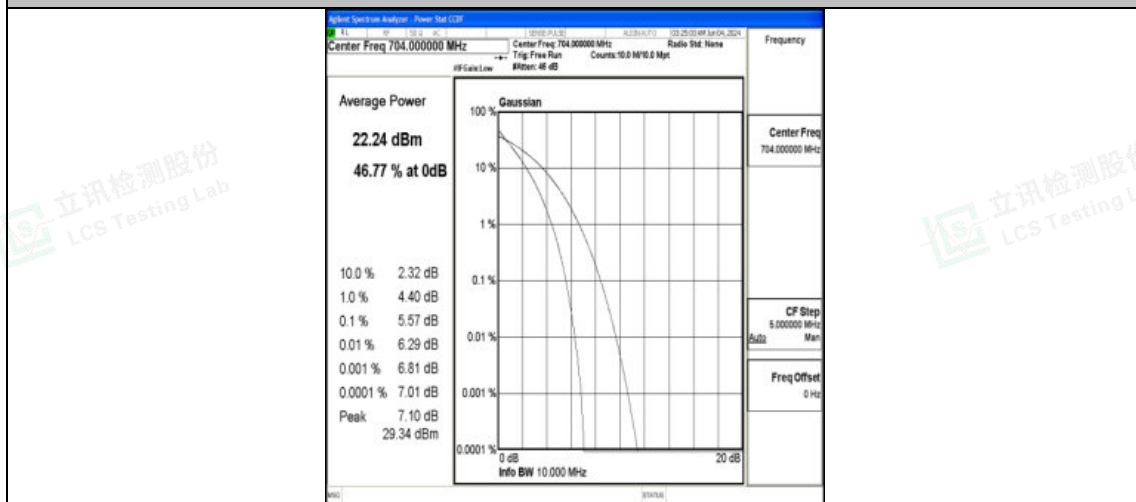




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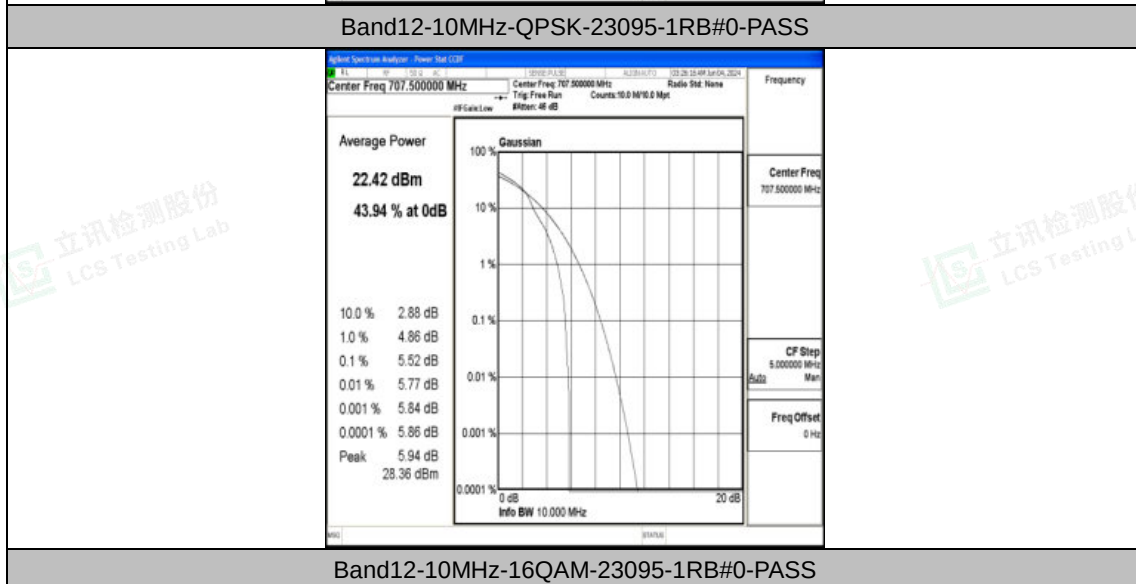
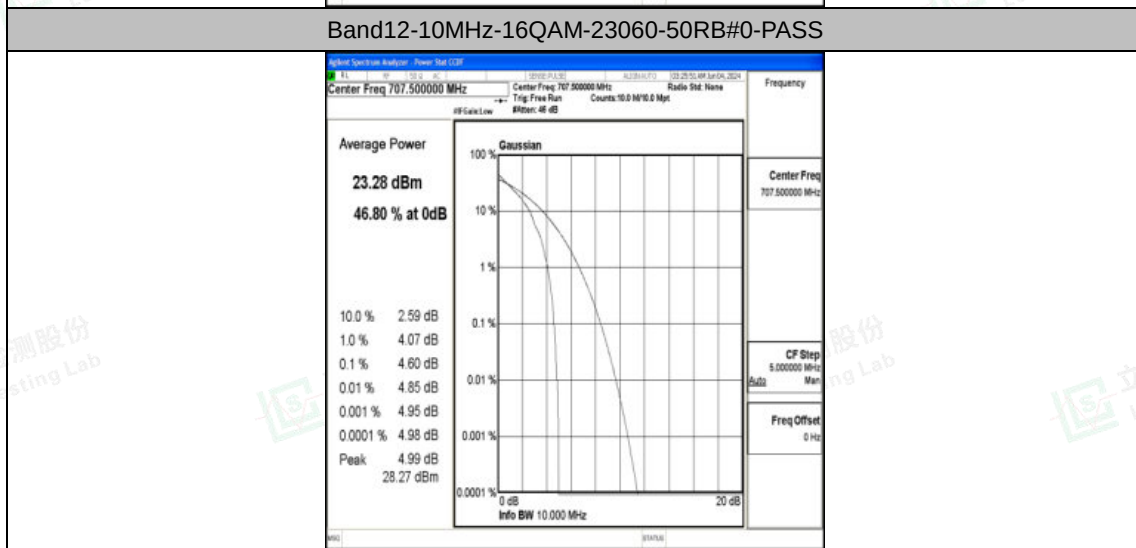
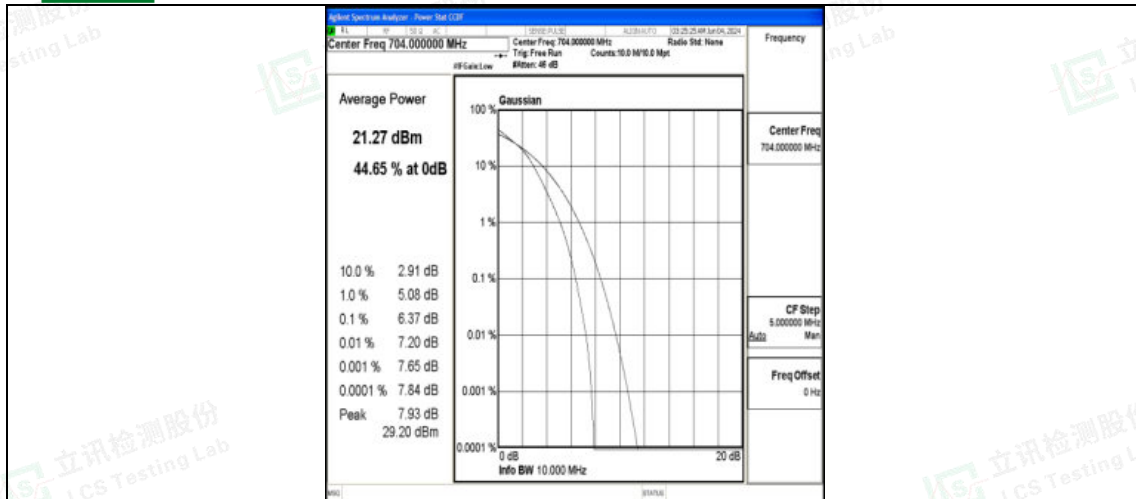


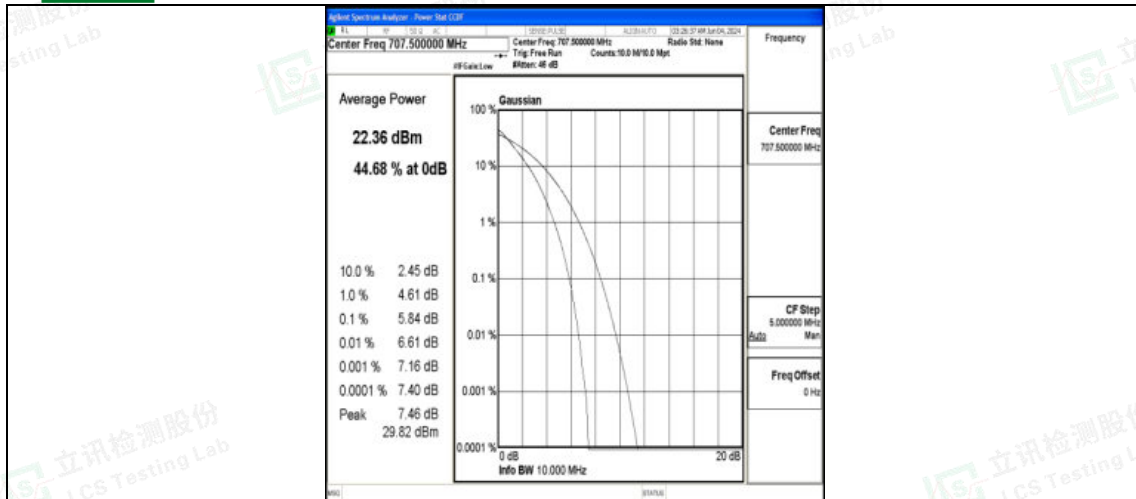
Band12-10MHz-16QAM-23060-1RB#0-PASS



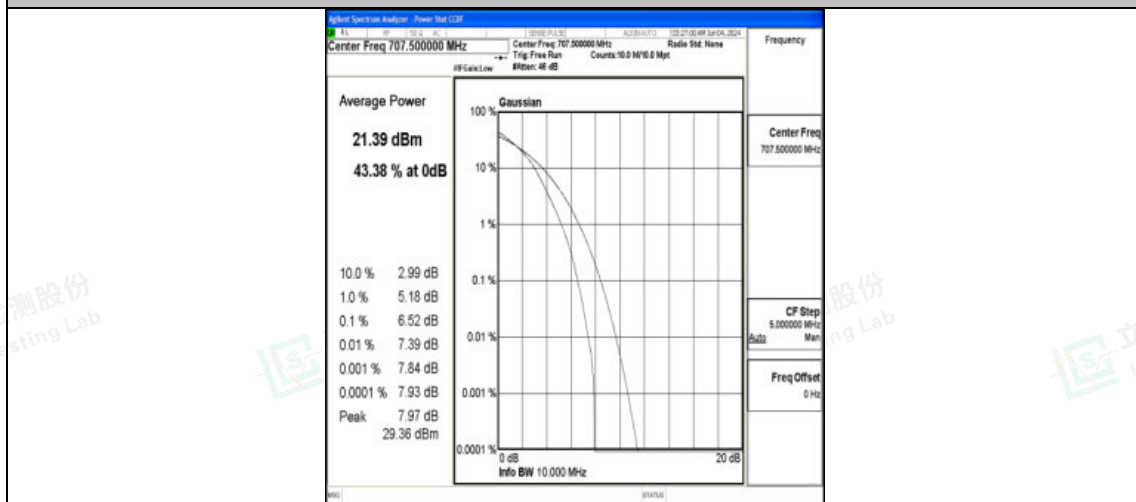
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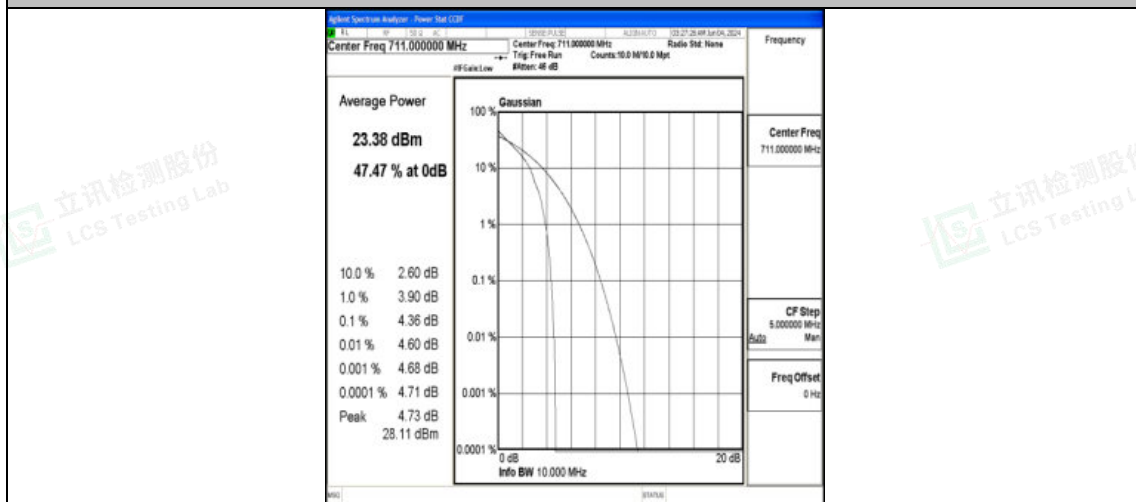




Band12-10MHz-QPSK-23095-50RB#0-PASS

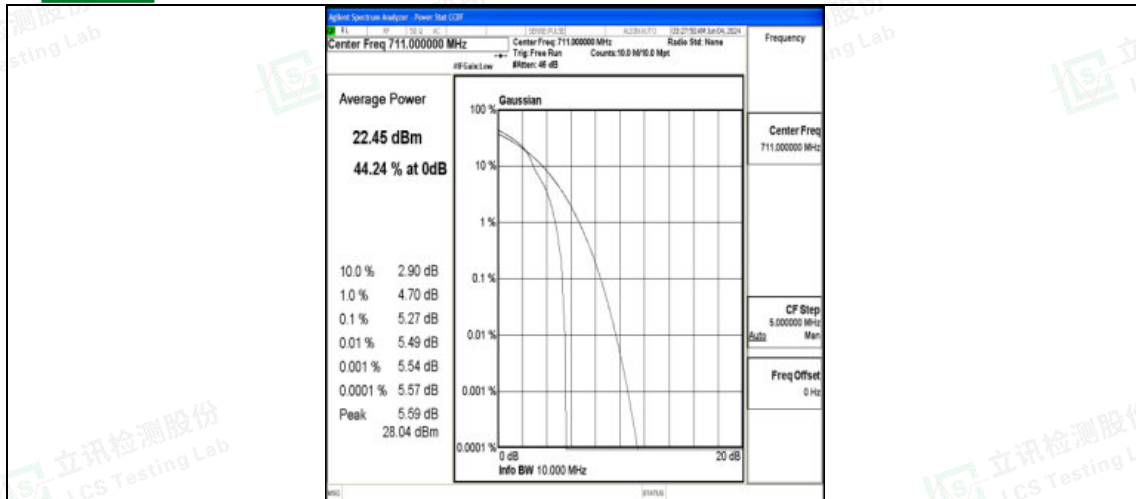


Band12-10MHz-16QAM-23095-50RB#0-PASS

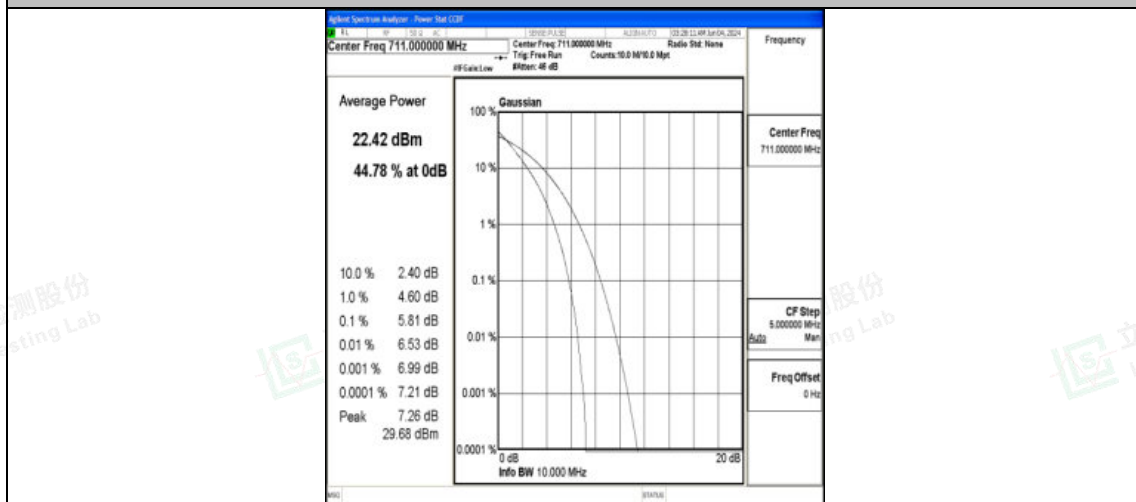


Band12-10MHz-QPSK-23130-1RB#0-PASS

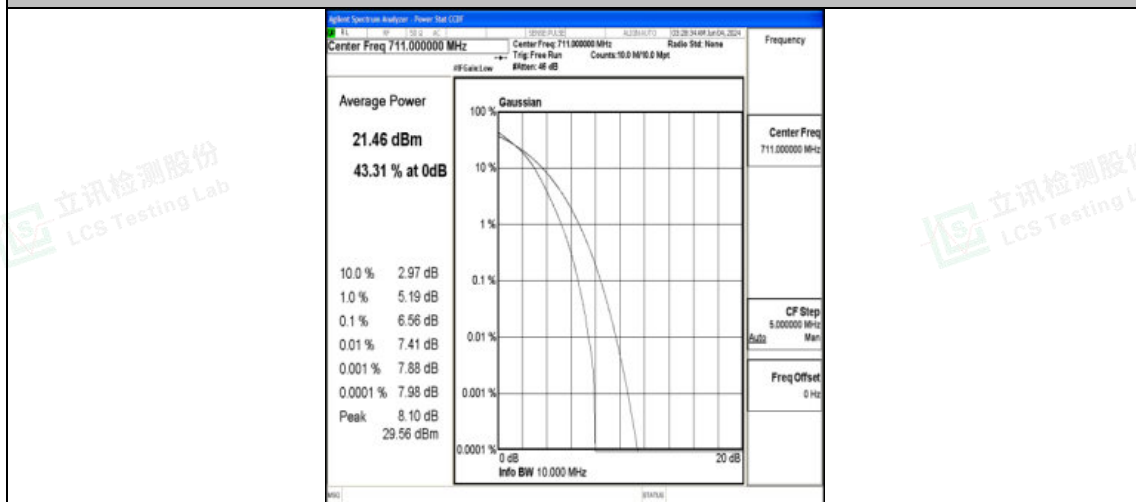




Band12-10MHz-16QAM-23130-1RB#0-PASS



Band12-10MHz-QPSK-23130-50RB#0-PASS



Band12-10MHz-16QAM-23130-50RB#0-PASS





I.3 26dB Bandwidth and Occupied Bandwidth

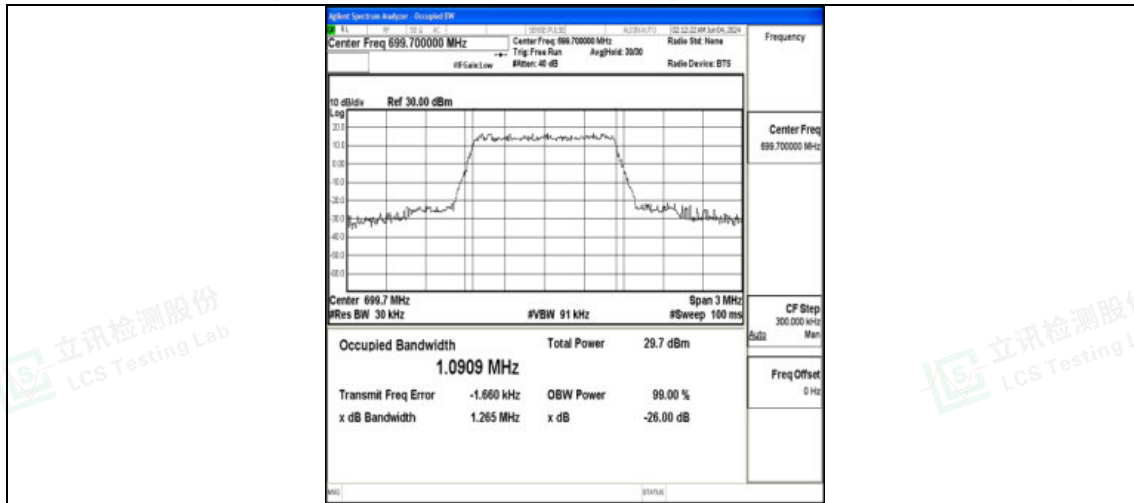
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0909	1.265	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0956	1.257	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0904	1.258	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0966	1.279	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0927	1.267	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0986	1.277	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6947	2.935	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6914	2.941	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6964	2.935	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6888	2.927	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6926	2.966	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6824	2.923	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5062	5.052	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5042	4.996	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5370	5.048	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5205	5.024	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5004	5.035	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5125	4.994	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9591	9.942	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9651	9.769	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0182	9.935	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9966	9.840	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9994	9.988	PASS
Band12	10MHz	16QAM	23130	50RB#0	9.0050	9.915	PASS

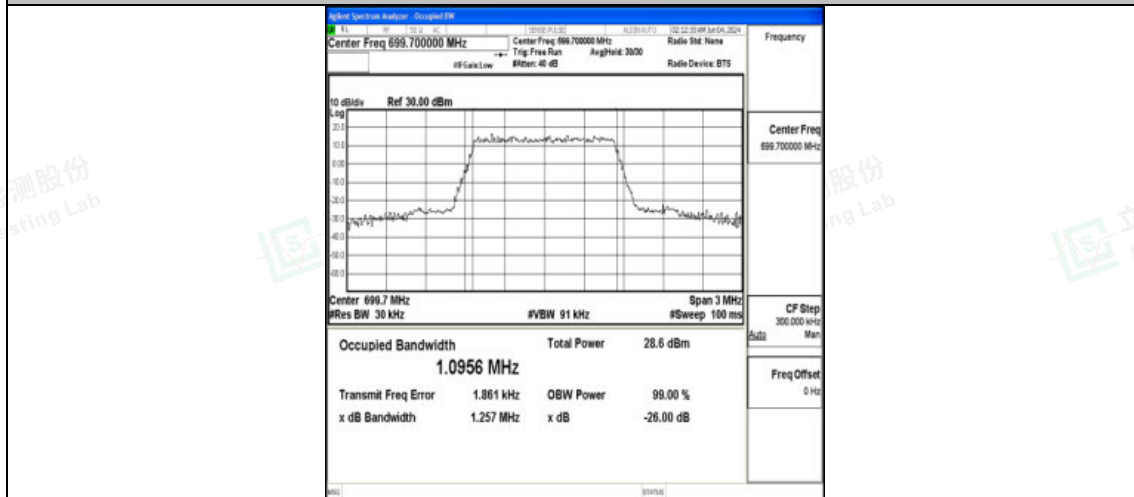




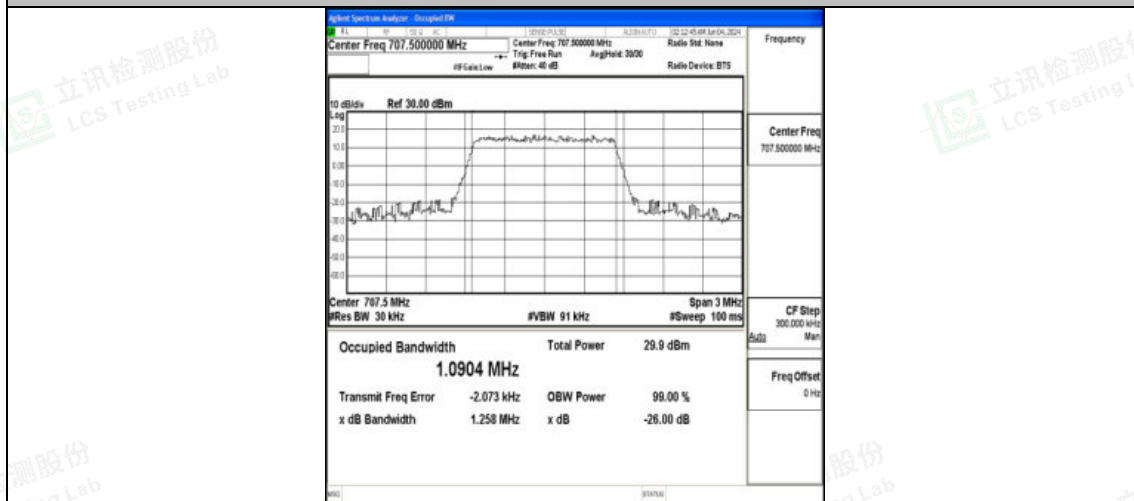
Test Graphs



Band12-1.4MHz-QPSK-23017-6RB#0-PASS

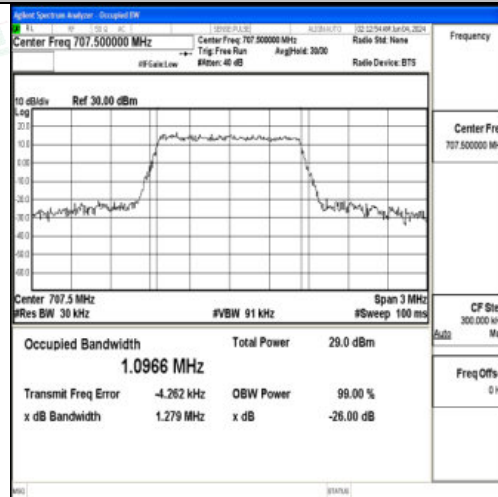


Band12-1.4MHz-16QAM-23017-6RB#0-PASS

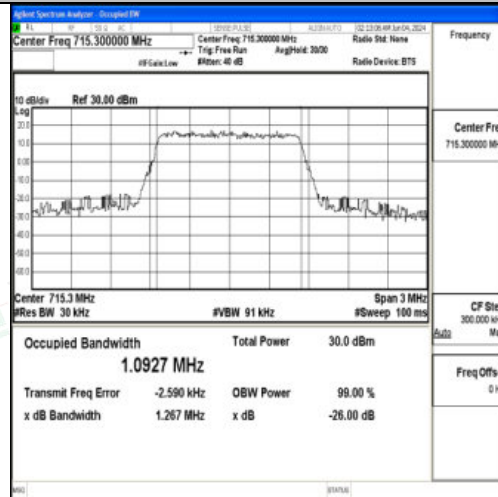




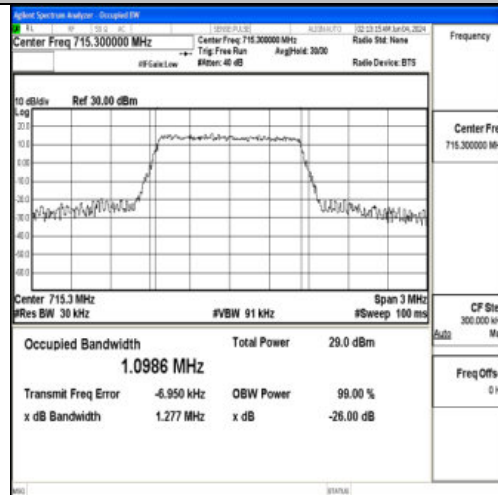
Band12-1.4MHz-QPSK-23095-6RB#0-PASS



Band12-1.4MHz-16QAM-23095-6RB#0-PASS

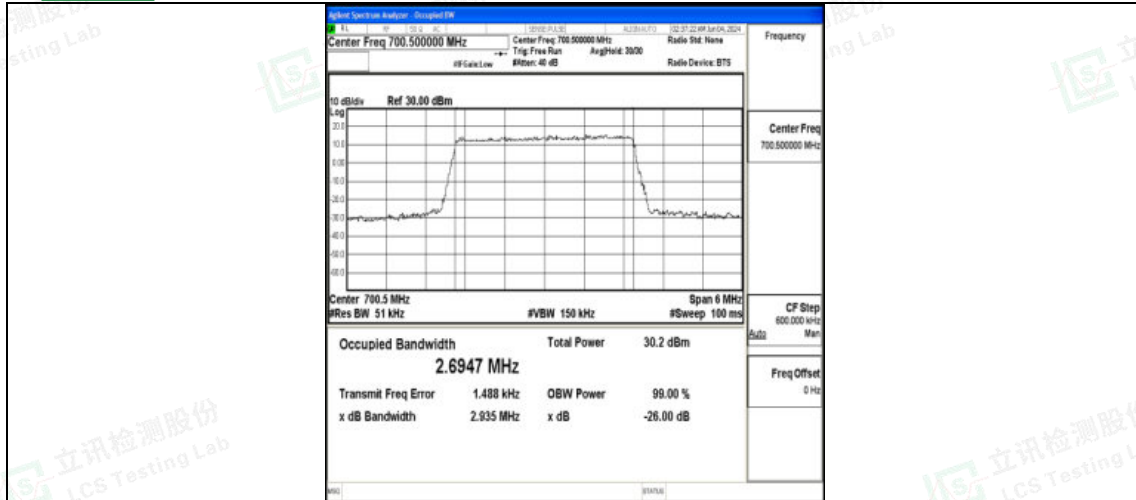


Band12-1.4MHz-QPSK-23173-6RB#0-PASS

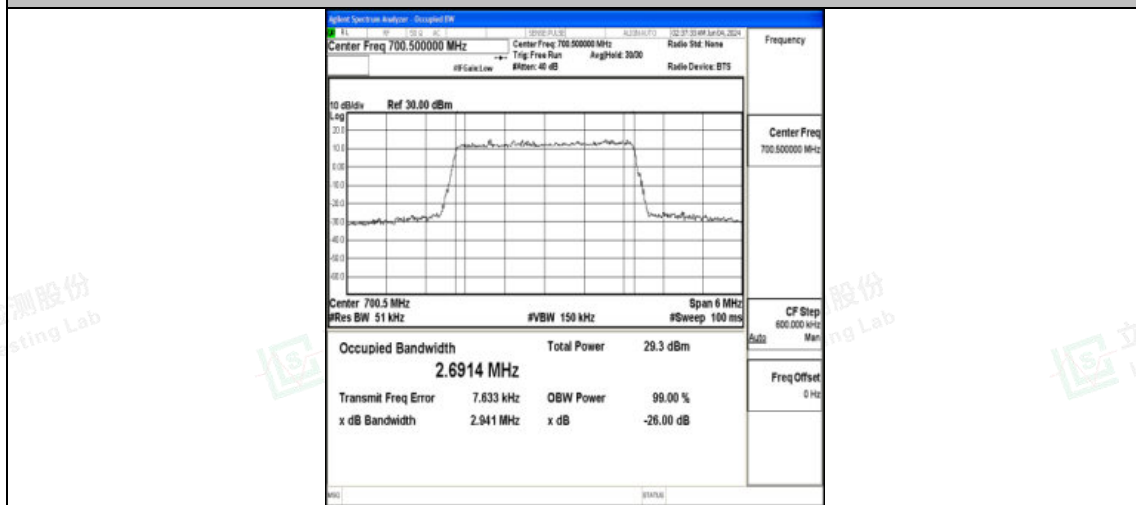


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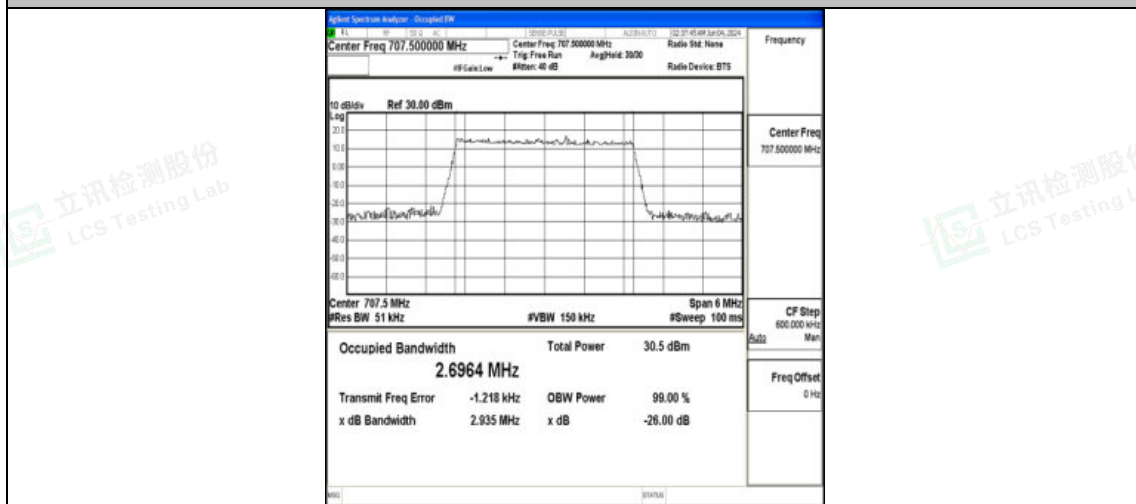




Band12-3MHz-QPSK-23025-15RB#0-PASS

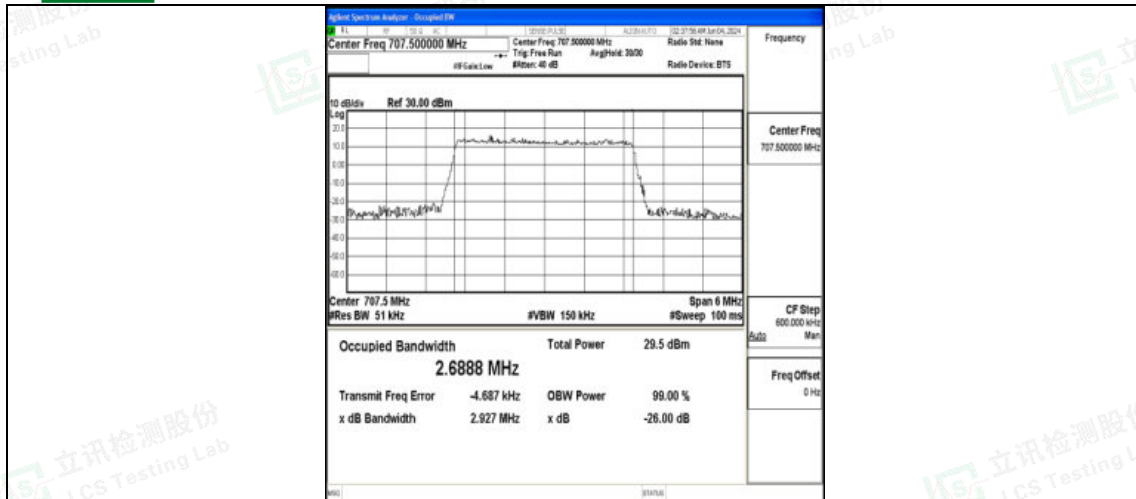


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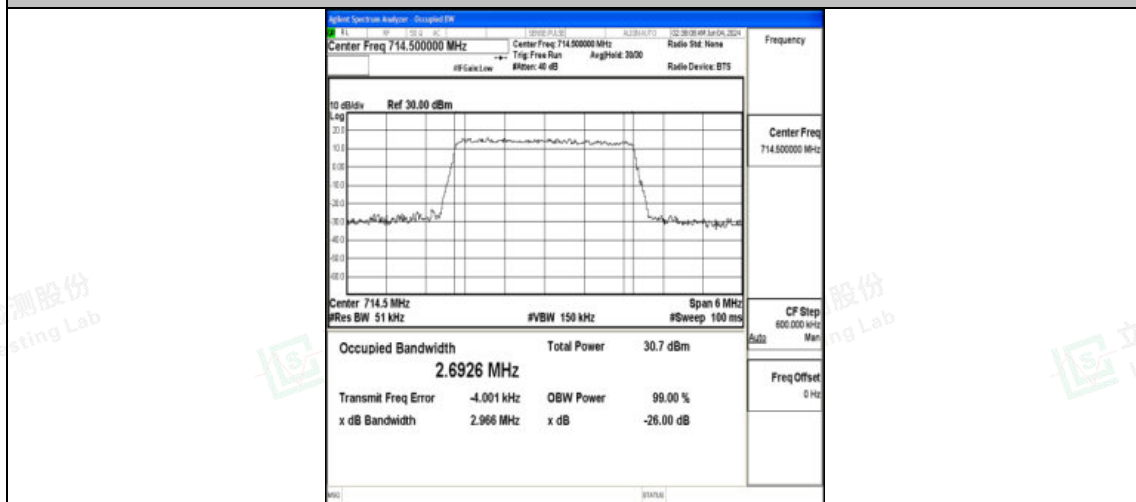


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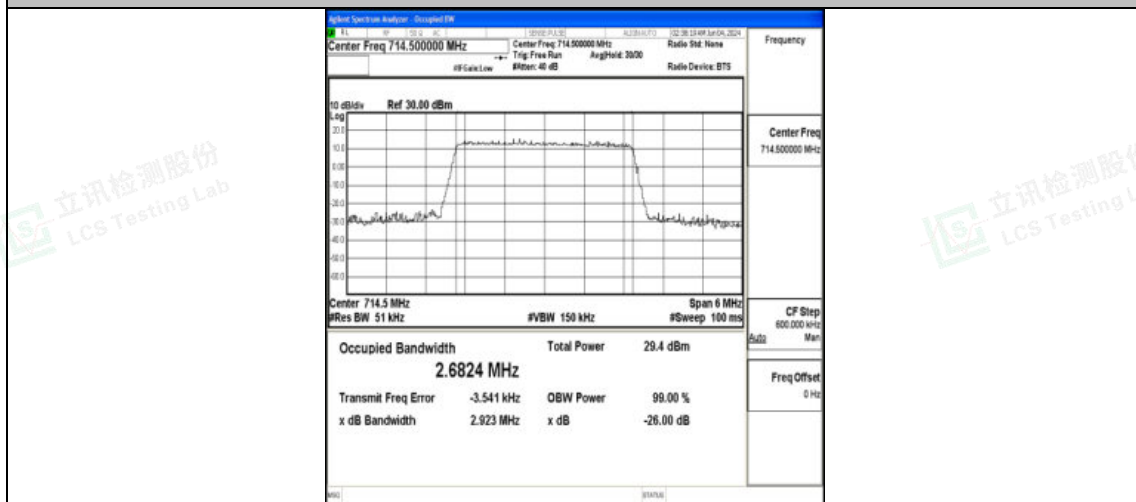




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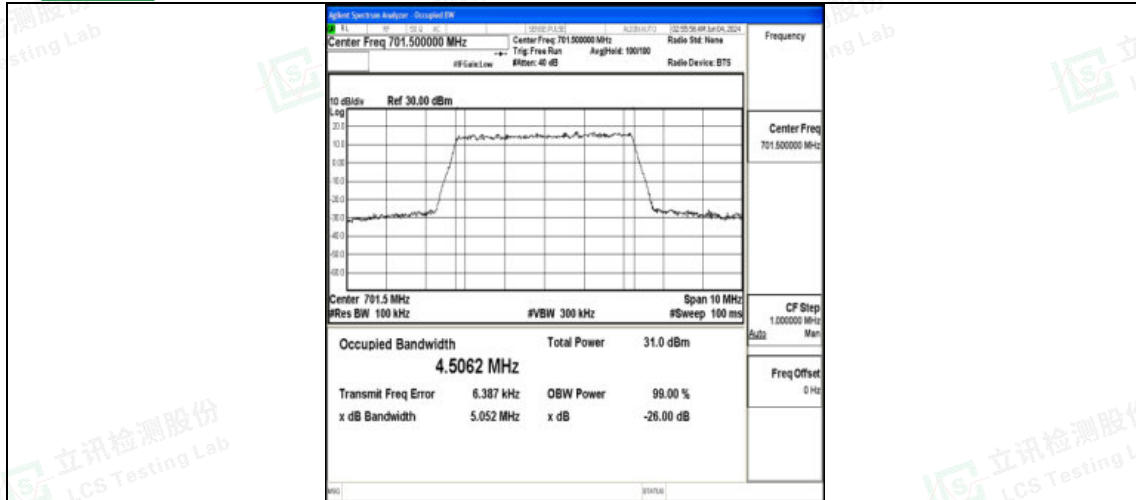


Band12-3MHz-QPSK-23165-15RB#0-PASS

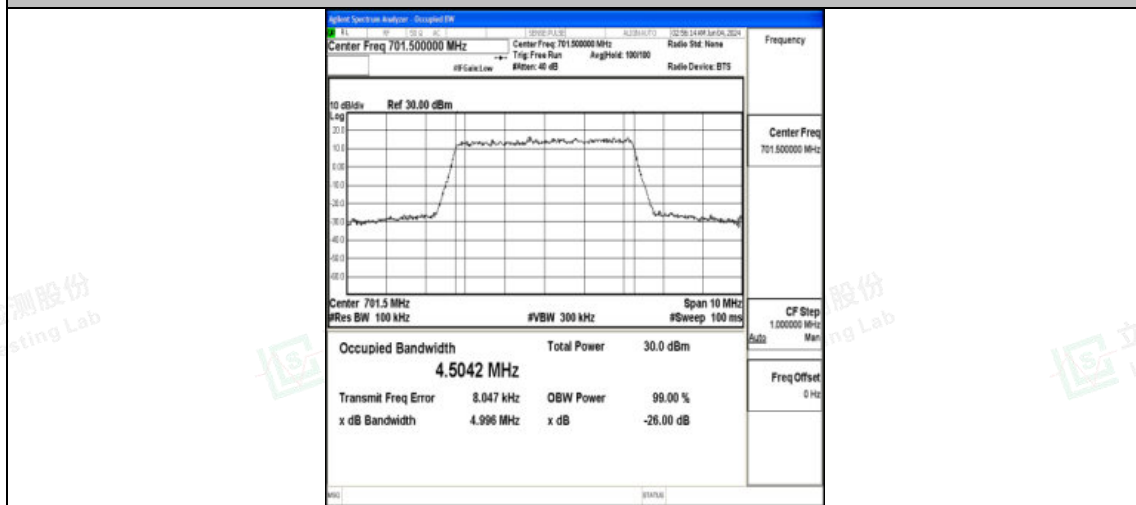


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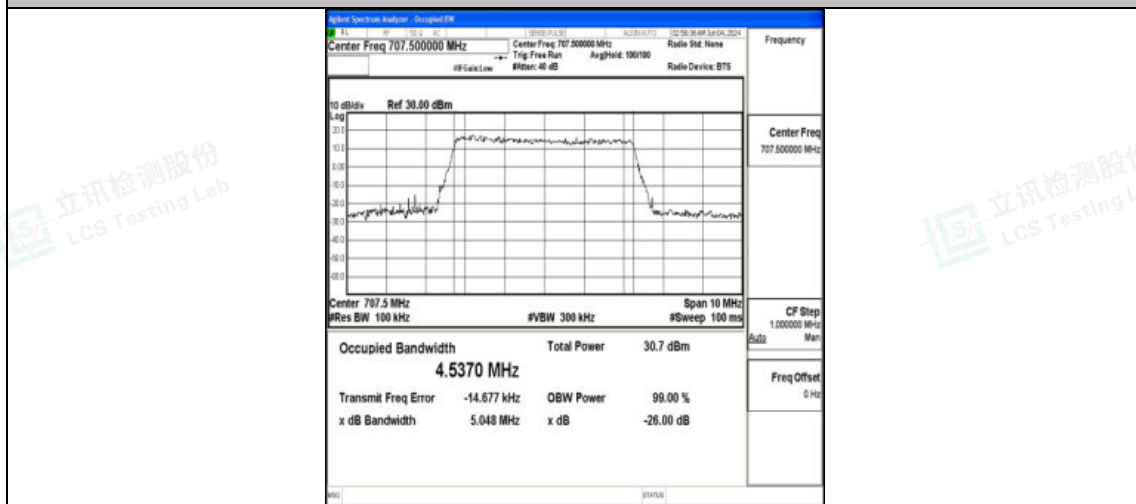




Band12-5MHz-QPSK-23035-25RB#0-PASS

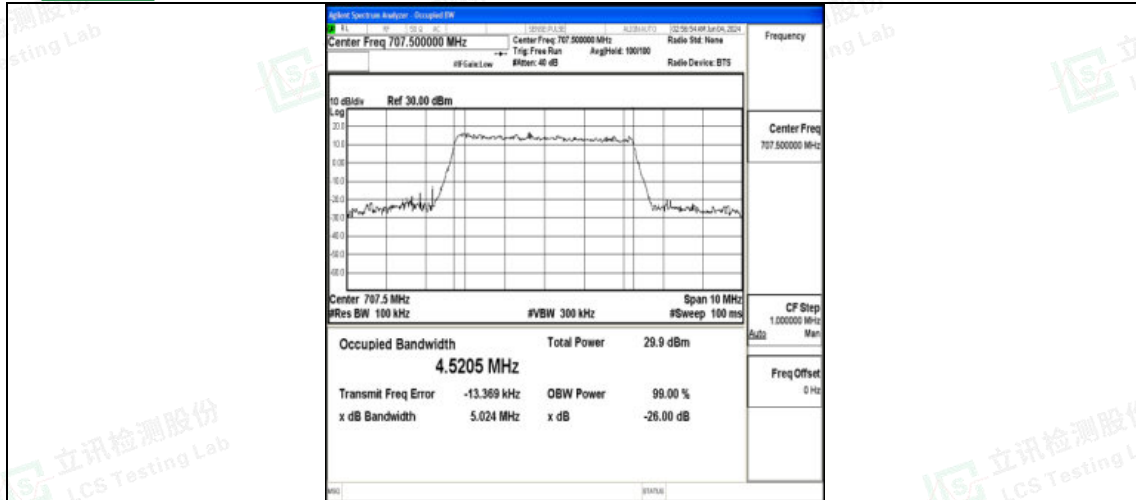


Band12-5MHz-16QAM-23035-25RB#0-PASS

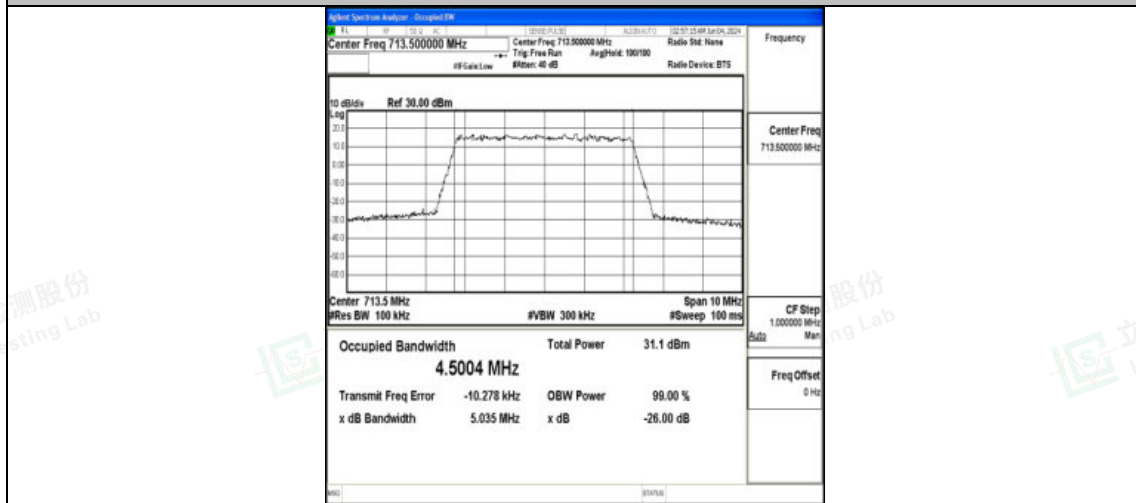


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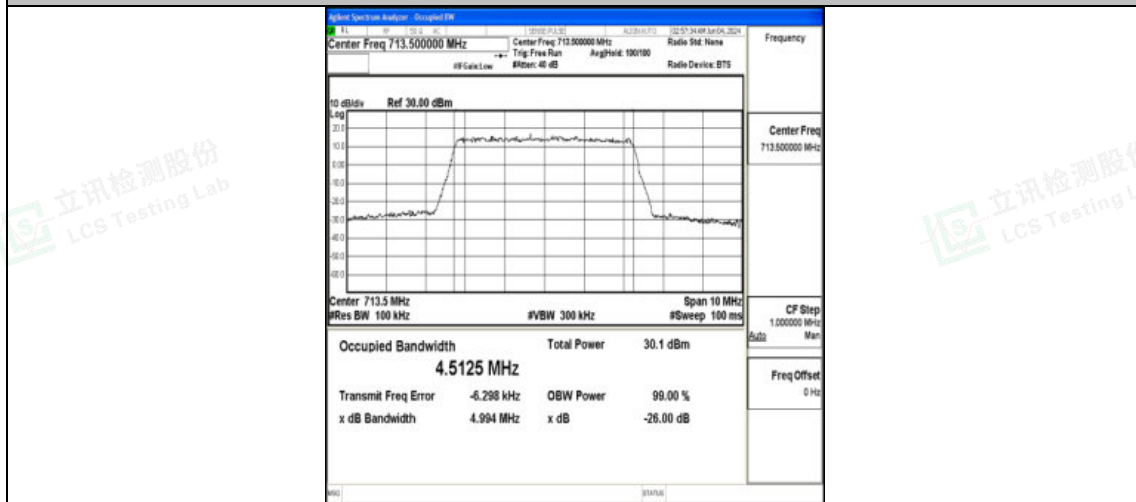




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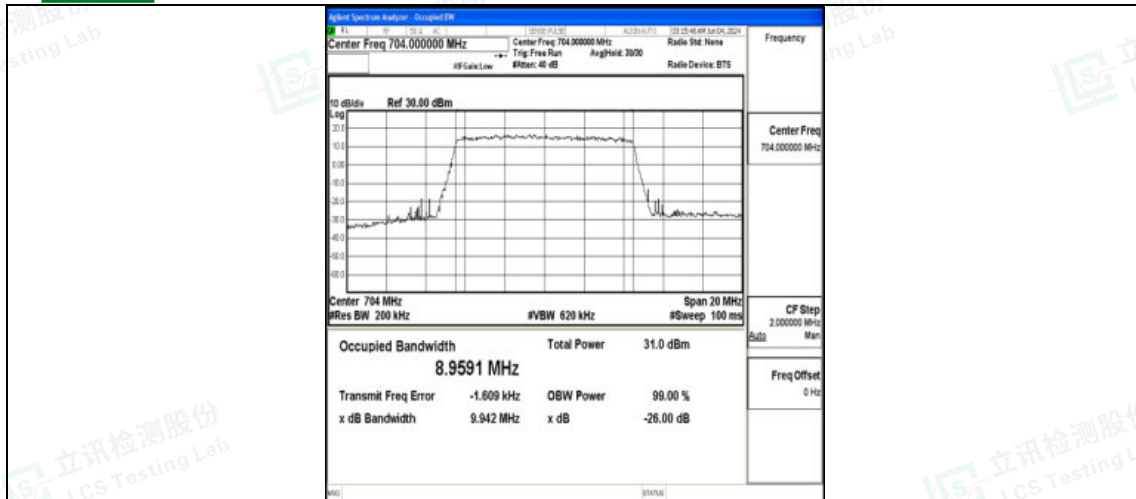


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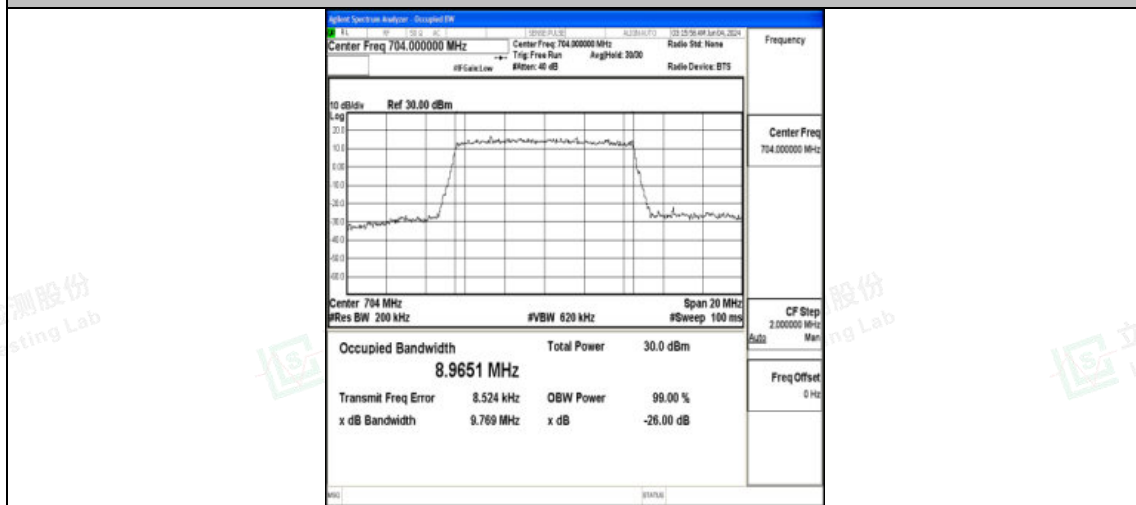


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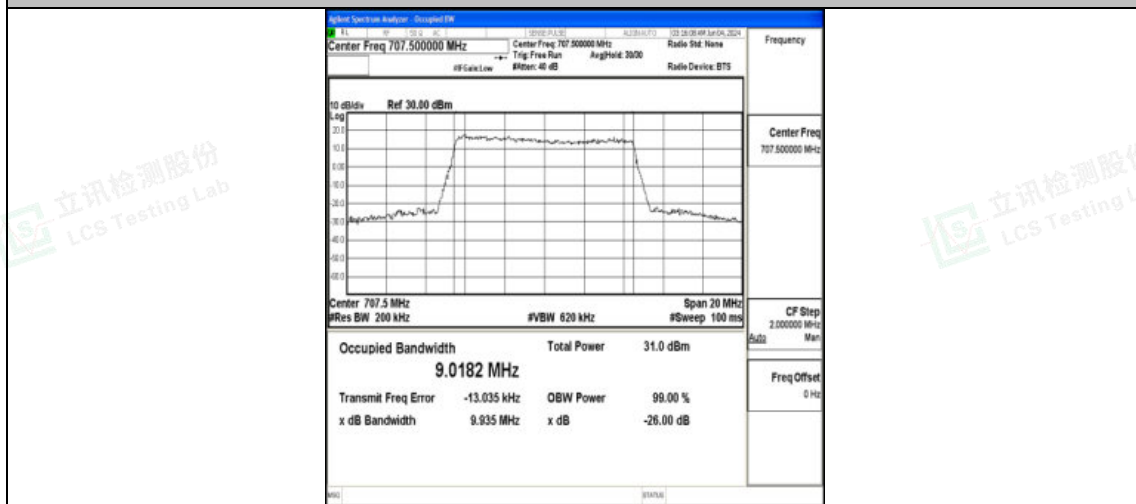




Band12-10MHz-QPSK-23060-50RB#0-PASS

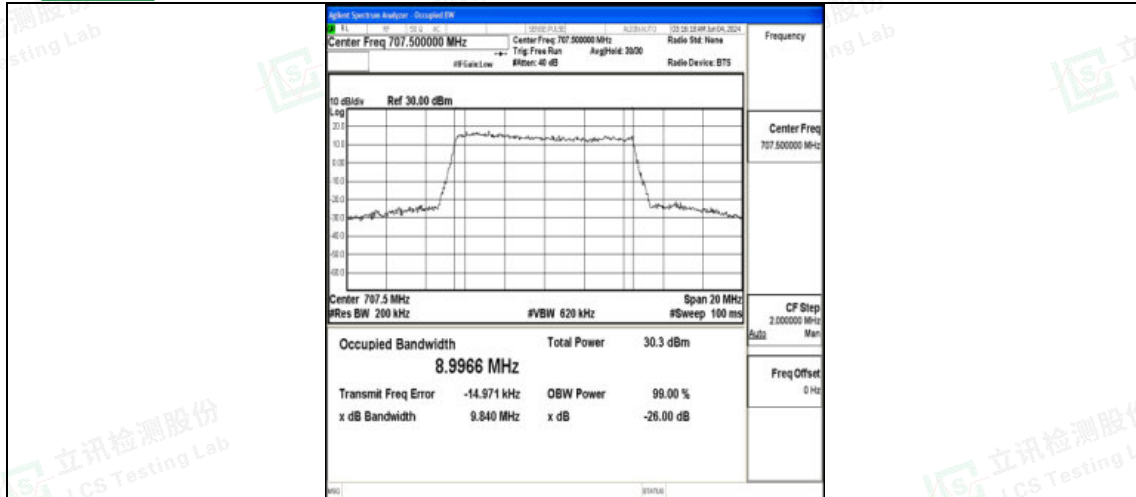


Band12-10MHz-16QAM-23060-50RB#0-PASS

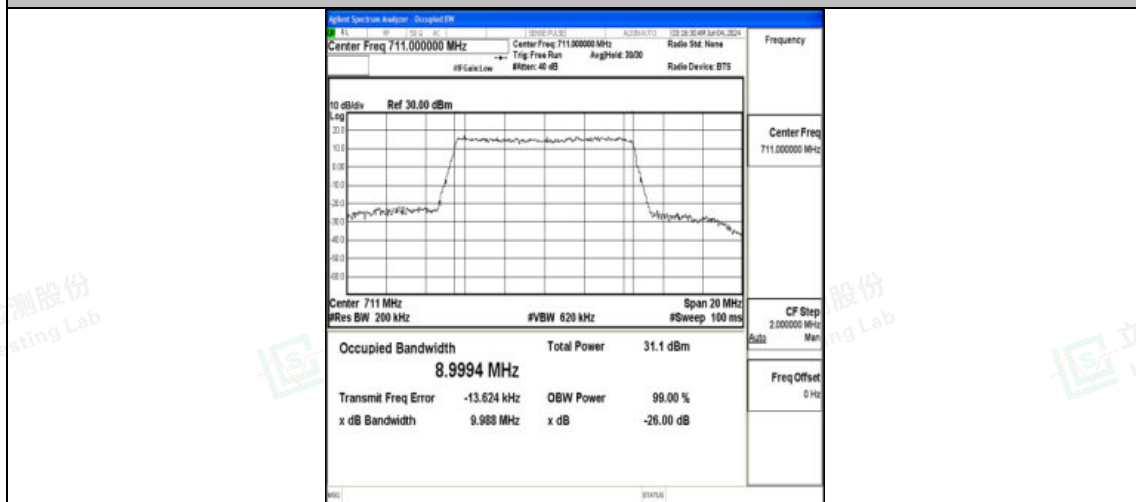


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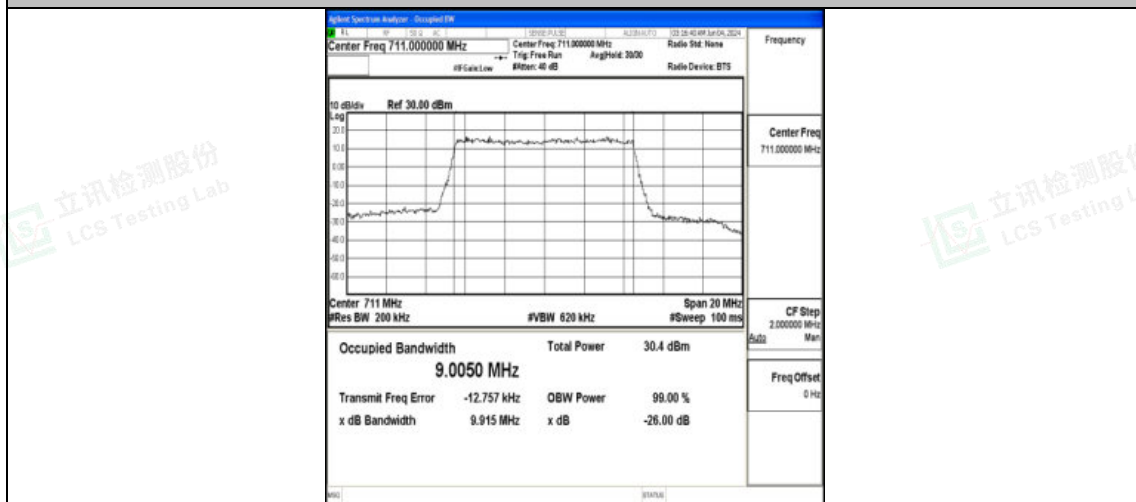




Band12-10MHz-16QAM-23095-50RB#0-PASS



Band12-10MHz-QPSK-23130-50RB#0-PASS



Band12-10MHz-16QAM-23130-50RB#0-PASS



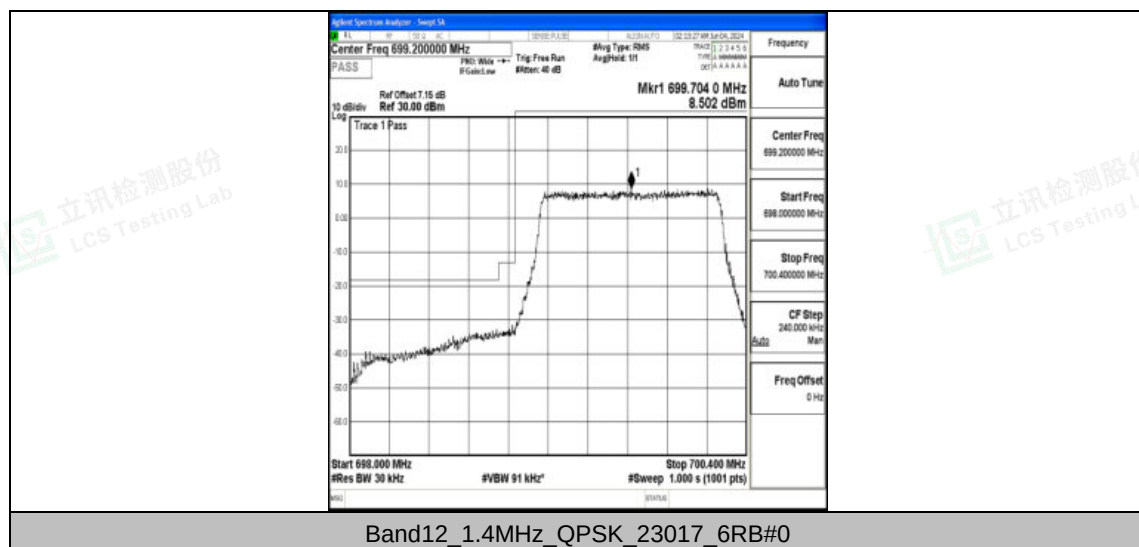


I.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	698.89	-32.83	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	698.73	-33.40	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.17	-32.61	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	716.13	-33.29	PASS
Band12	3MHz	QPSK	23025	15RB#0	698.99	-30.09	PASS
Band12	3MHz	16QAM	23025	15RB#0	698.89	-36.80	PASS
Band12	3MHz	QPSK	23165	15RB#0	716.01	-31.73	PASS
Band12	3MHz	16QAM	23165	15RB#0	716.18	-37.90	PASS
Band12	5MHz	QPSK	23035	25RB#0	698.89	-36.39	PASS
Band12	5MHz	16QAM	23035	25RB#0	699.00	-32.56	PASS
Band12	5MHz	QPSK	23155	25RB#0	716.01	-32.26	PASS
Band12	5MHz	16QAM	23155	25RB#0	716.11	-37.78	PASS
Band12	10MHz	QPSK	23060	50RB#0	698.89	-41.43	PASS
Band12	10MHz	16QAM	23060	50RB#0	698.85	-42.00	PASS
Band12	10MHz	QPSK	23130	50RB#0	716.12	-41.22	PASS
Band12	10MHz	16QAM	23130	50RB#0	716.14	-41.49	PASS

Test Graphs

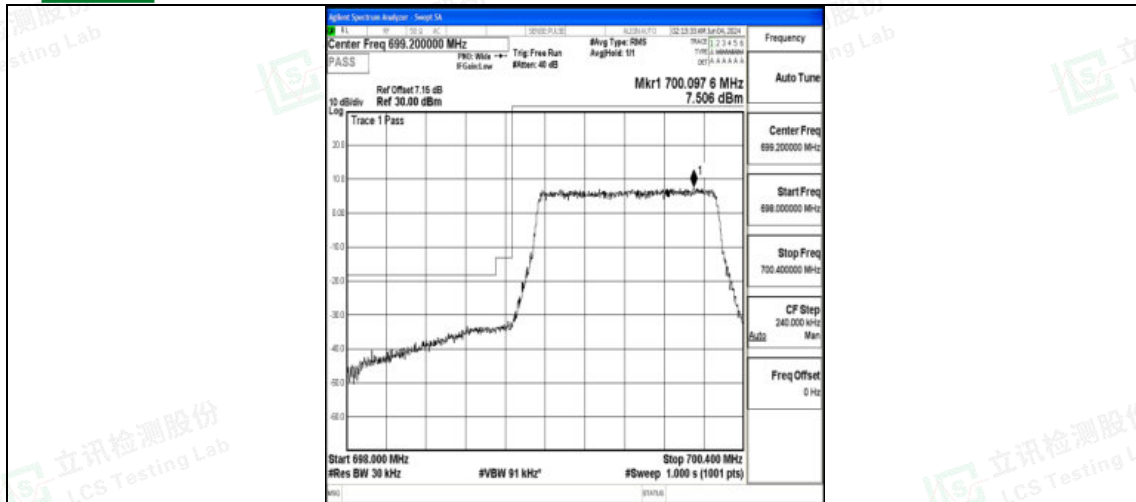


Shenzhen LCS Compliance Testing Laboratory Ltd.

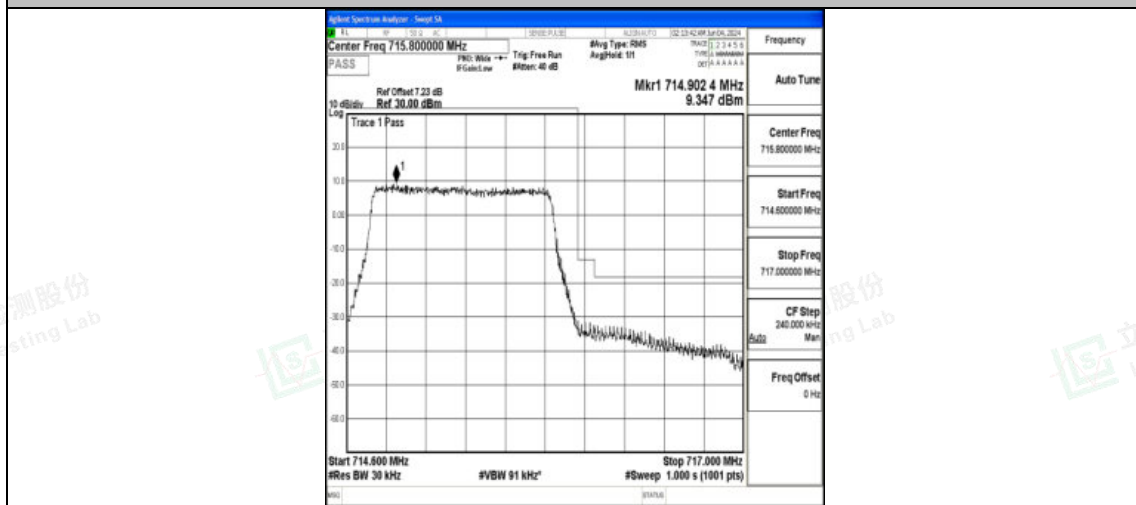
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

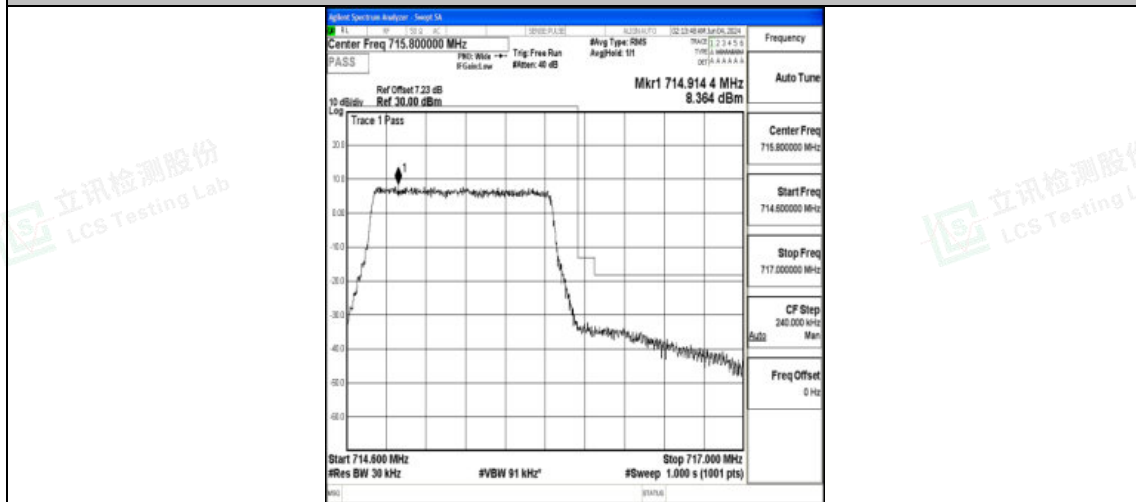
Scan code to check authenticity



Band12_1.4MHz_16QAM_23017_6RB#0

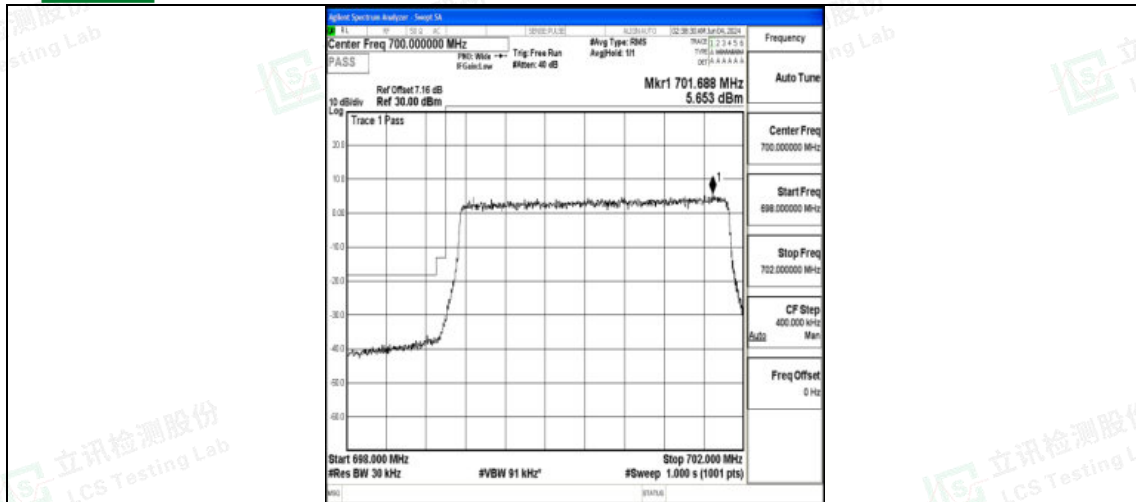


Band12_1.4MHz_QPSK_23173_6RB#0

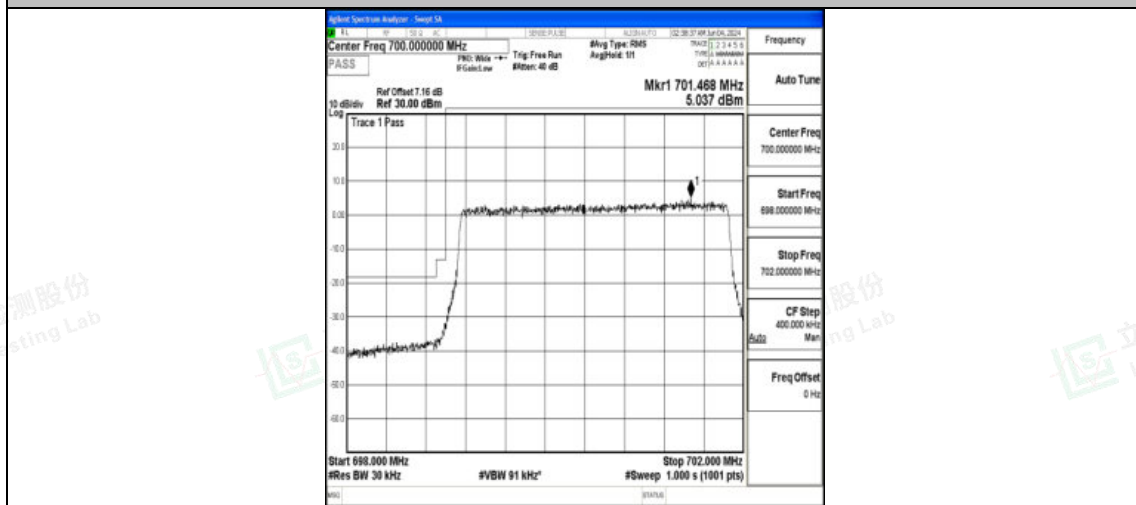


Band12_1.4MHz_16QAM_23173_6RB#0

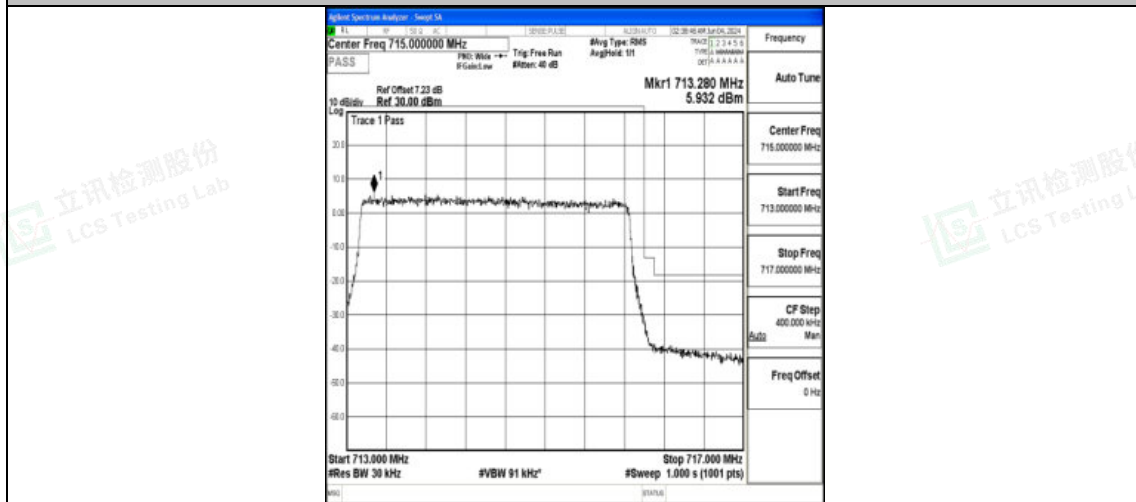




Band12_3MHz_QPSK_23025_15RB#0

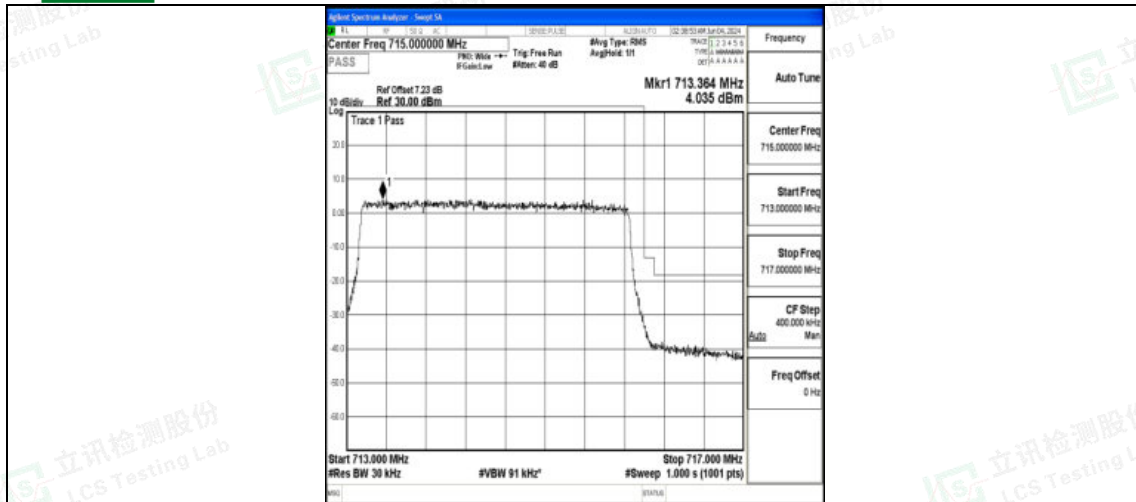


Band12_3MHz_16QAM_23025_15RB#0

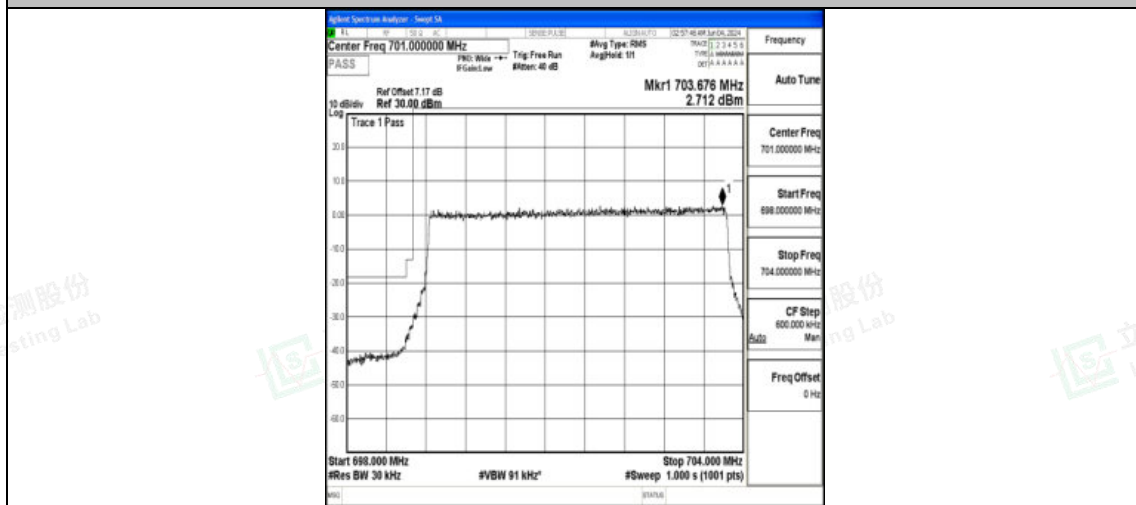


Band12_3MHz_QPSK_23165_15RB#0

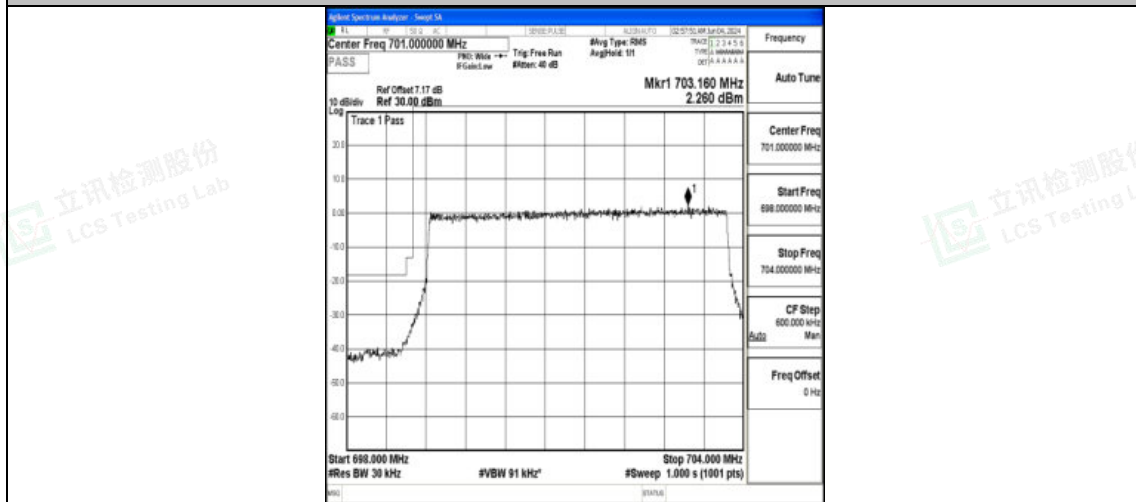




Band12_3MHz_16QAM_23165_15RB#0

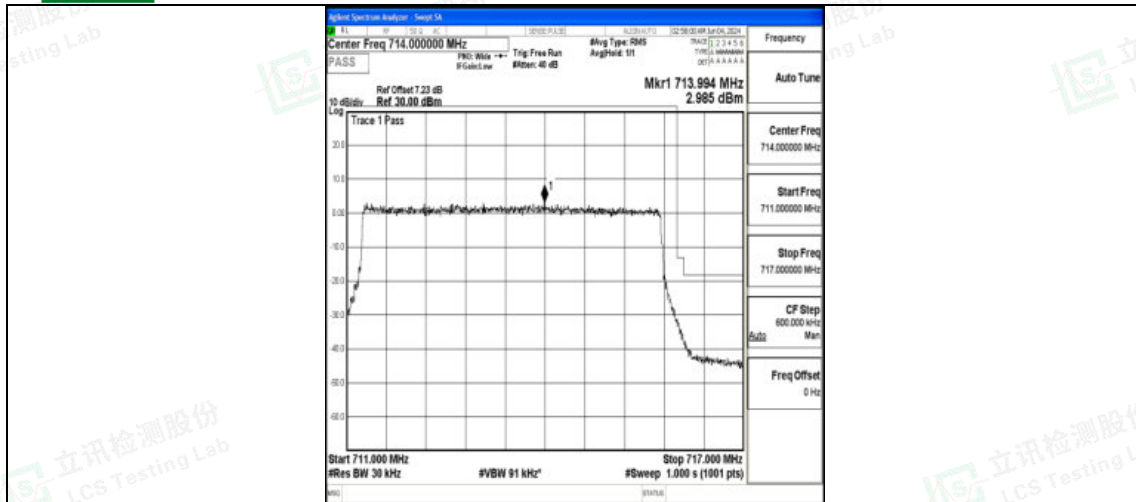


Band12_5MHz_QPSK_23035_25RB#0

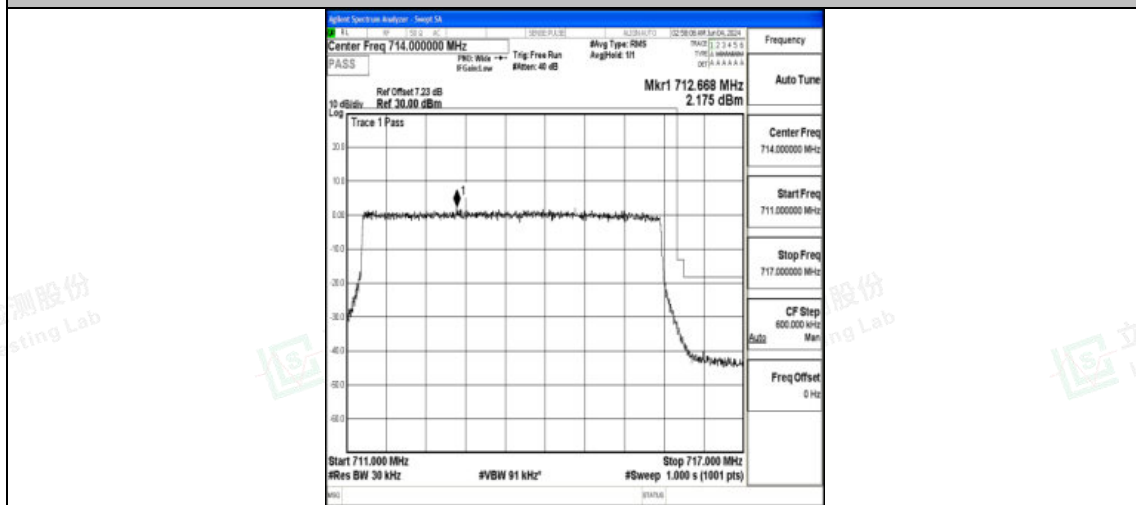


Band12_5MHz_16QAM_23035_25RB#0

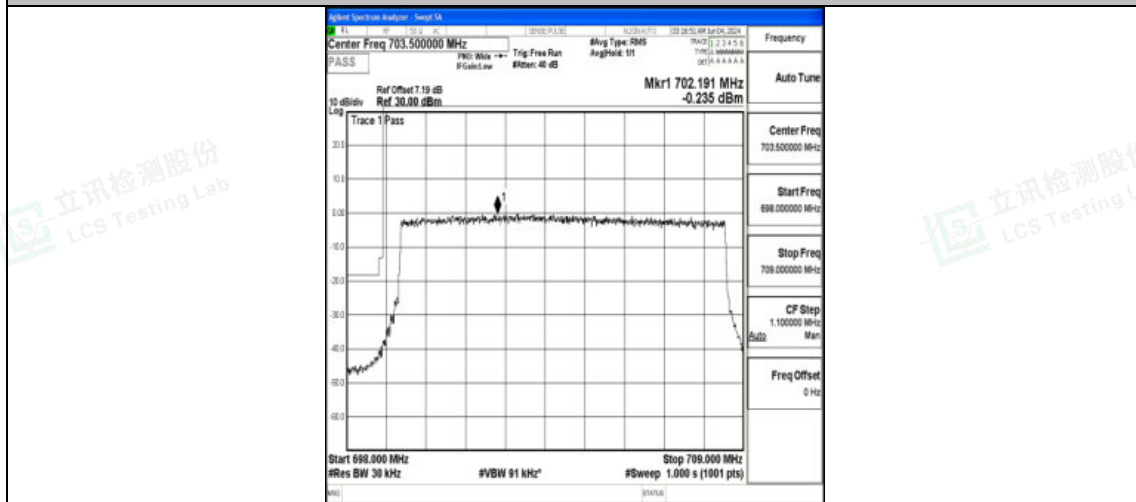




Band12_5MHz_QPSK_23155_25RB#0

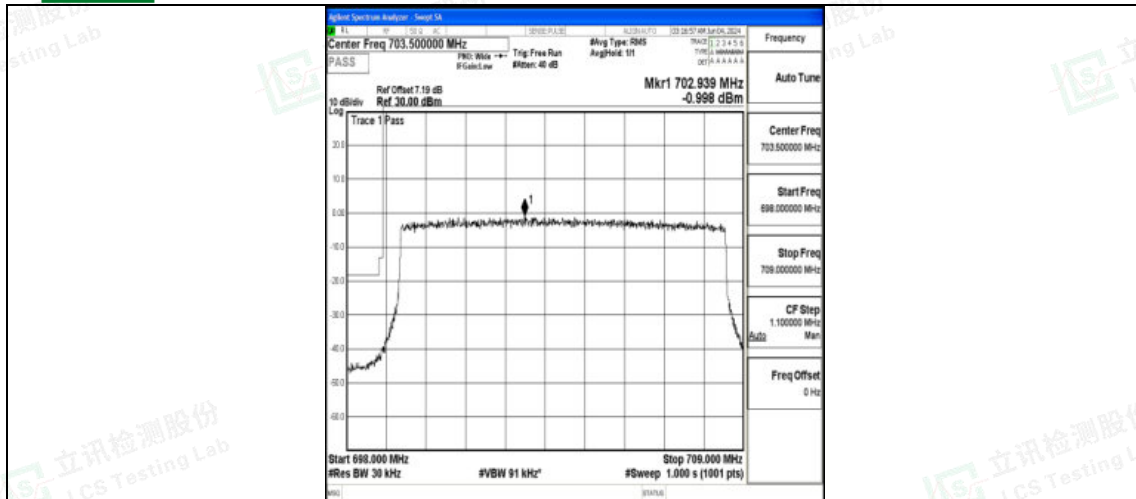


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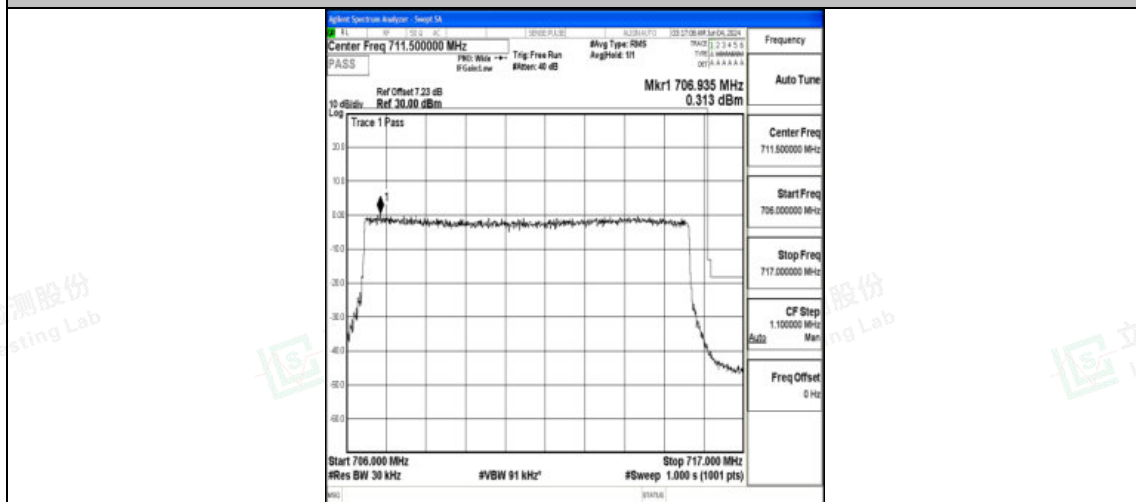


Band12_10MHz_QPSK_23060_50RB#0

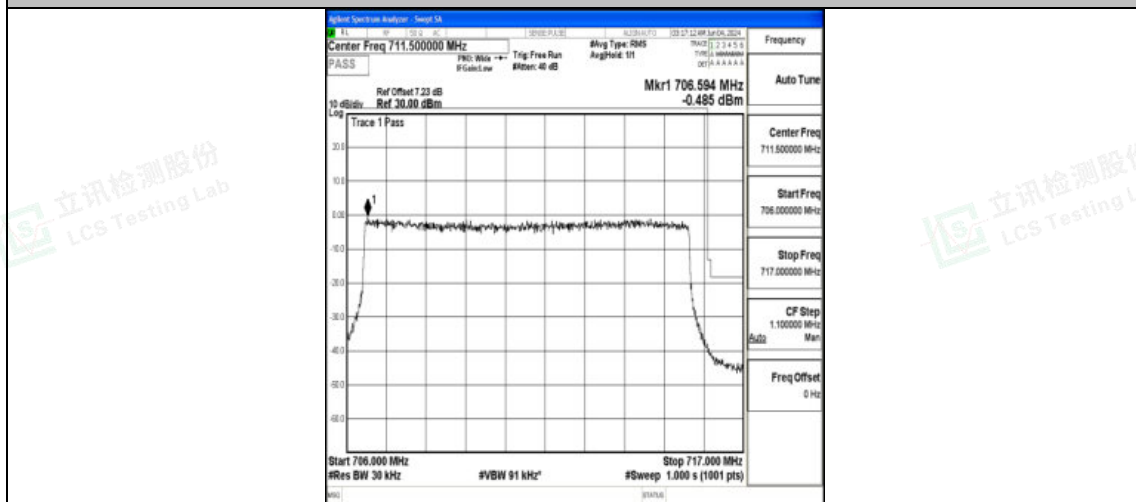




Band12_10MHz_16QAM_23060_50RB#0



Band12_10MHz_QPSK_23130_50RB#0



Band12_10MHz_16QAM_23130_50RB#0





I.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	0.009~0.15	-58.12	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-53.69	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-57.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-42.26	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-43.94	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-58.02	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-52.21	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-59.06	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-43.91	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-44.18	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-53.80	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-51.84	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-56.96	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-45.35	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-44.10	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-55.83	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-51.76	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-56.50	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-46.52	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-44.40	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-57.53	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-52.92	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-56.94	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-44.01	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-44.43	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-57.44	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-54.42	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-57.39	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-46.12	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-44.26	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-59.24	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-54.10	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-62.22	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-41.95	PASS



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Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-44.10	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.009~0.15	-57.80	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-51.80	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-61.91	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-42.46	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-44.22	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-59.45	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-52.44	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-61.85	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-43.61	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-44.25	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.009~0.15	-57.91	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.15~30	-54.09	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	-62.00	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	-45.93	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	-44.14	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-53.61	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-52.63	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-62.01	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-43.41	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-44.36	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.009~0.15	-57.66	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.15~30	-52.38	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	-61.73	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	-43.61	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	-44.25	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-56.27	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-51.88	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-61.89	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-42.21	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-44.21	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.009~0.15	-56.31	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.15~30	-53.34	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	-62.24	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	-42.30	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	-44.21	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-57.80	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-52.12	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-62.02	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-46.59	PASS



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Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-44.34	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.009~0.15	-60.68	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.15~30	-51.50	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	-62.10	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	-46.88	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	-44.02	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-55.21	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-52.71	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-61.66	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-41.44	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-44.32	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.009~0.15	-55.24	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.15~30	-52.68	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	-62.09	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	-41.51	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	-44.19	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-57.79	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-51.20	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-62.09	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-41.58	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-44.13	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.009~0.15	-55.33	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.15~30	-51.32	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	-61.95	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	-41.21	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	-44.27	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-59.31	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-52.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-62.06	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-40.26	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-43.88	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.009~0.15	-57.22	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.15~30	-51.49	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	-61.80	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	-40.84	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	-43.74	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-57.17	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-51.42	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-61.50	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-44.88	PASS



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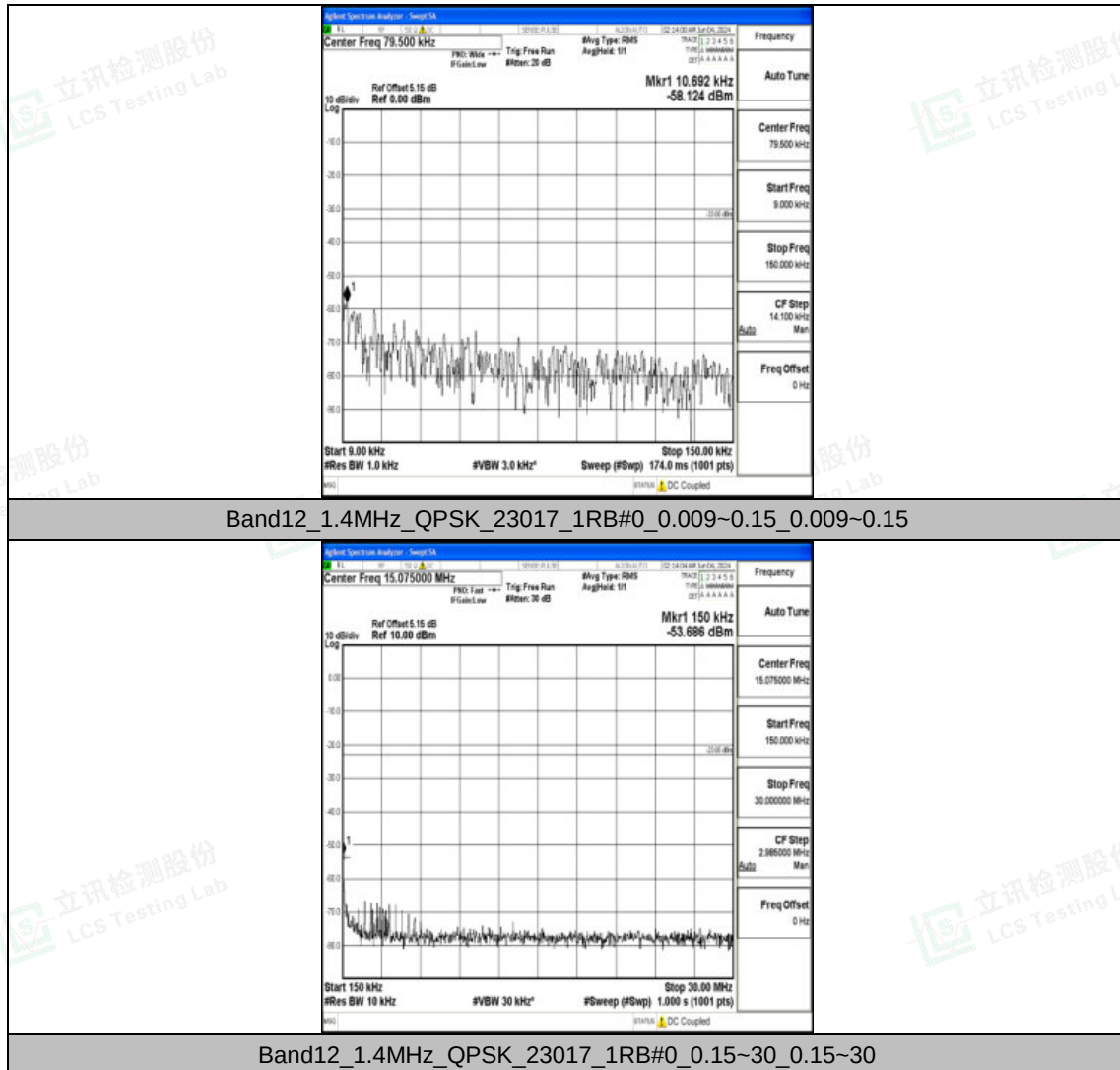
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Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-44.02	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.009~0.15	-57.28	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.15~30	-52.99	PASS
Band12	10MHz	16QAM	23130	1RB#0	30~1000	-61.78	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	-45.42	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	-44.43	PASS

Test Graphs

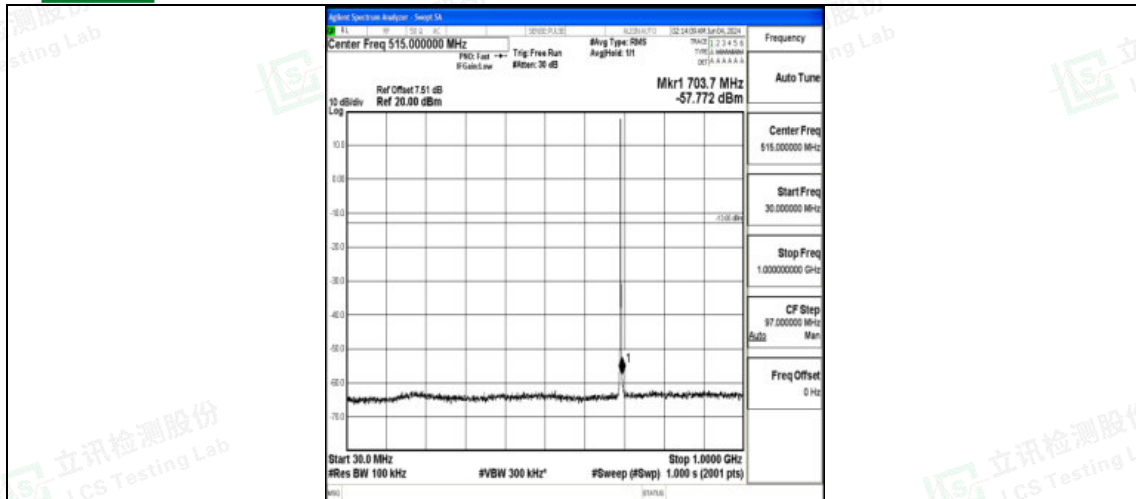


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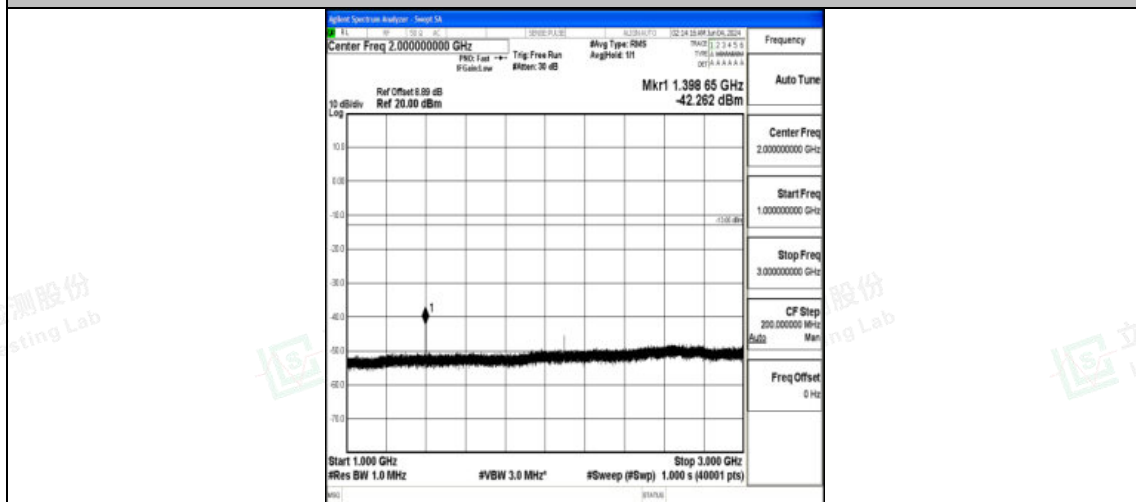
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

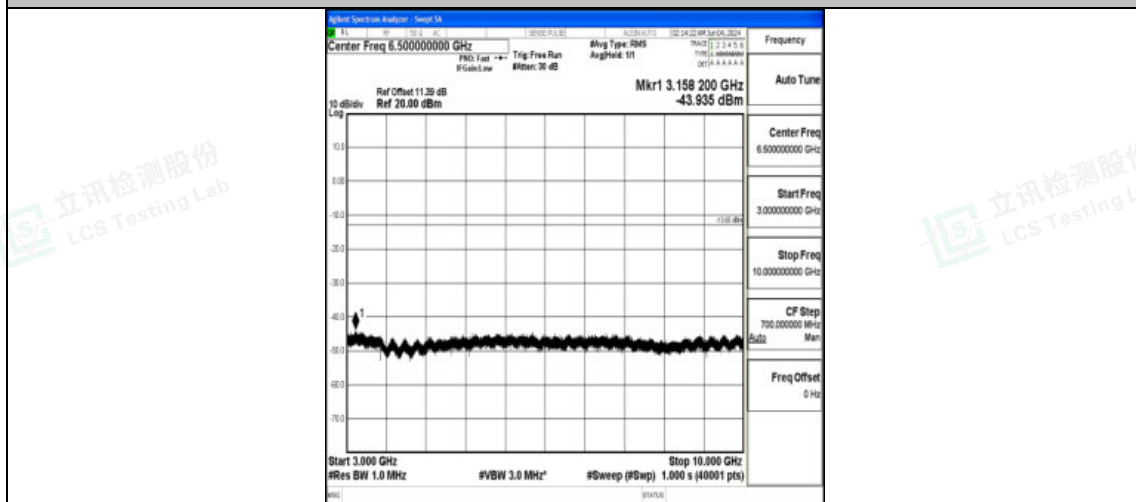
Scan code to check authenticity



Band12_1.4MHz_QPSK_23017_1RB#0_30~1000_30~1000

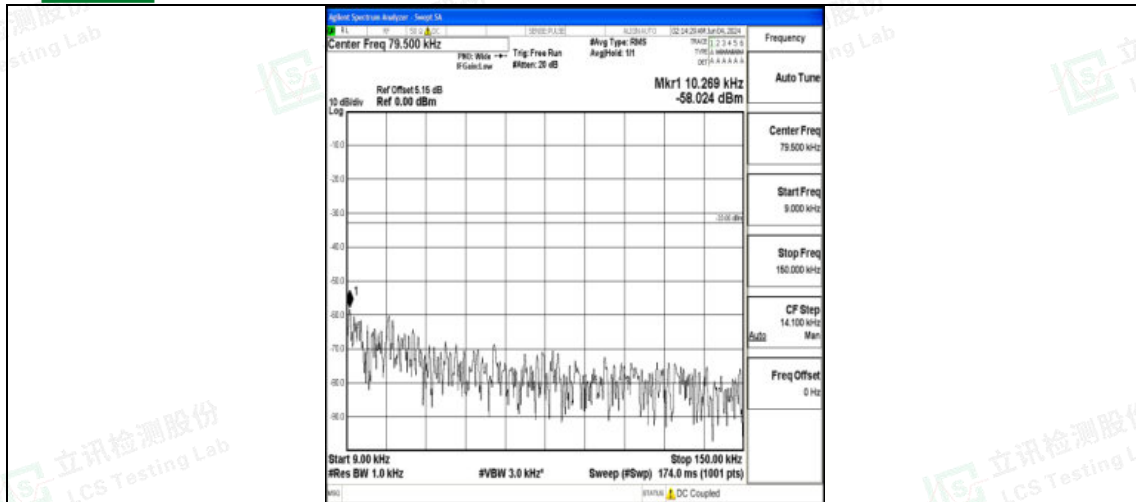


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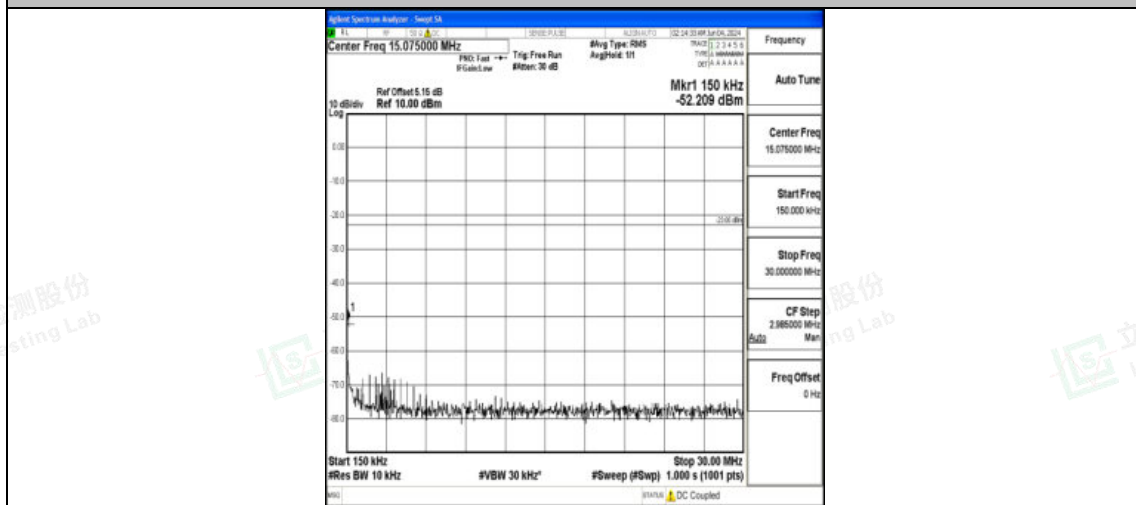


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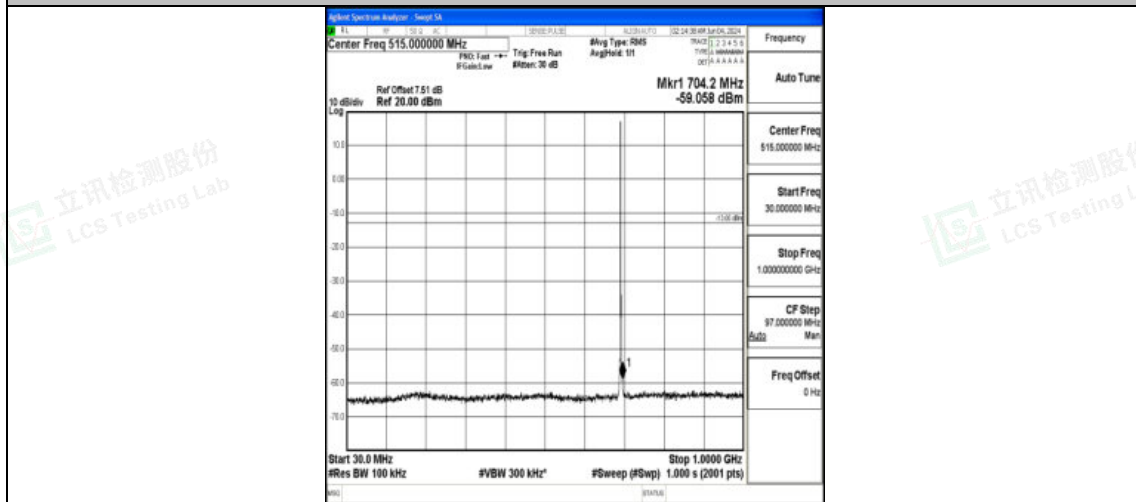




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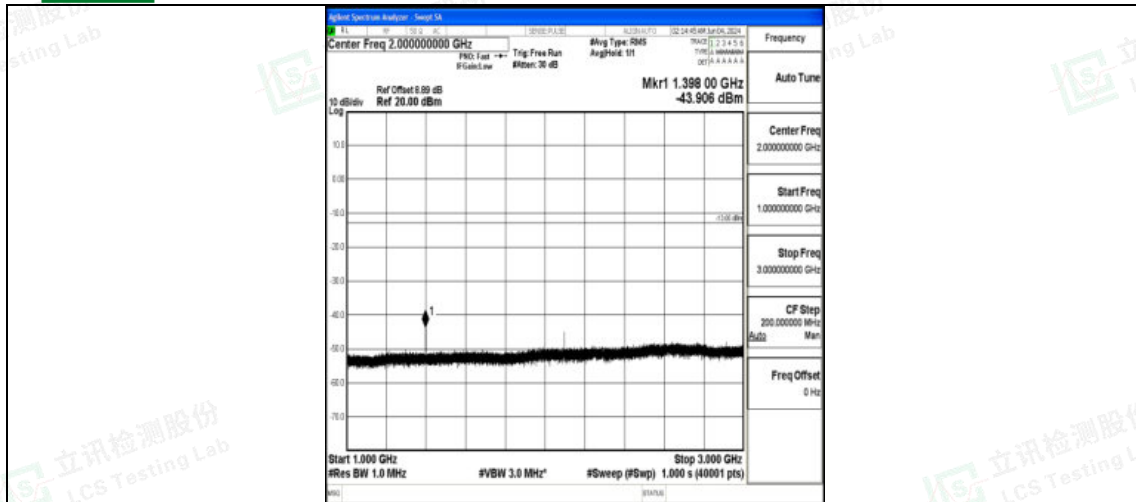


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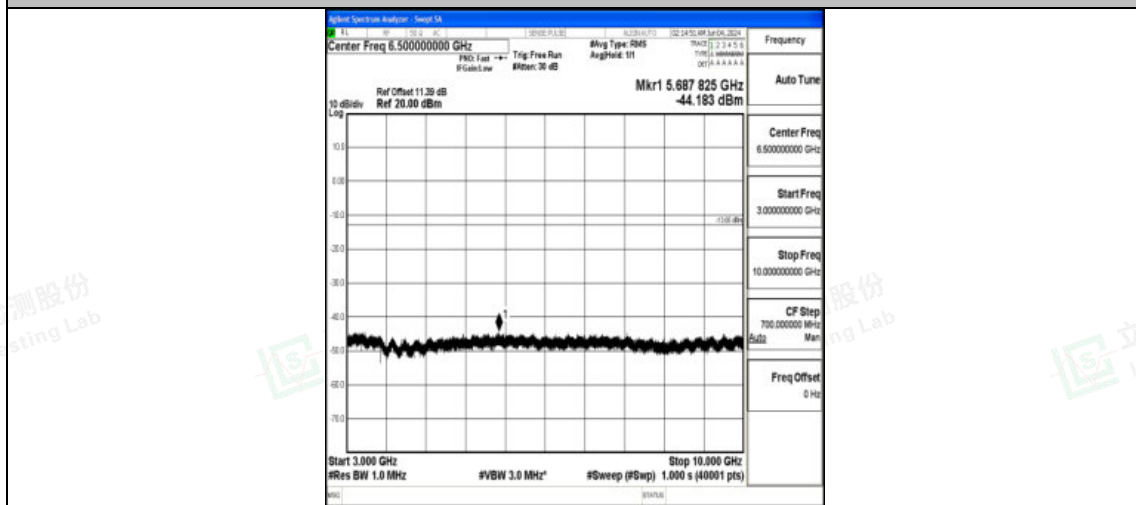


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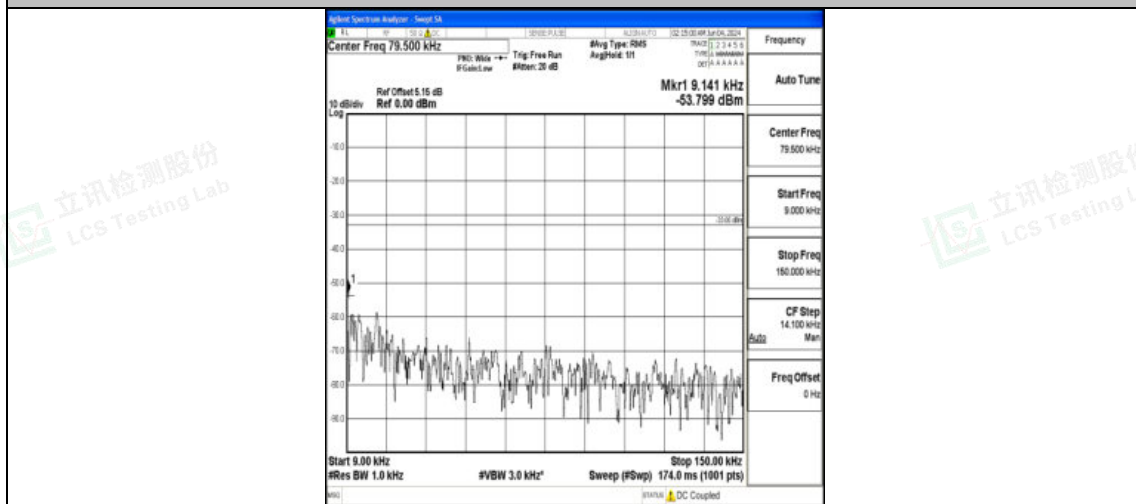




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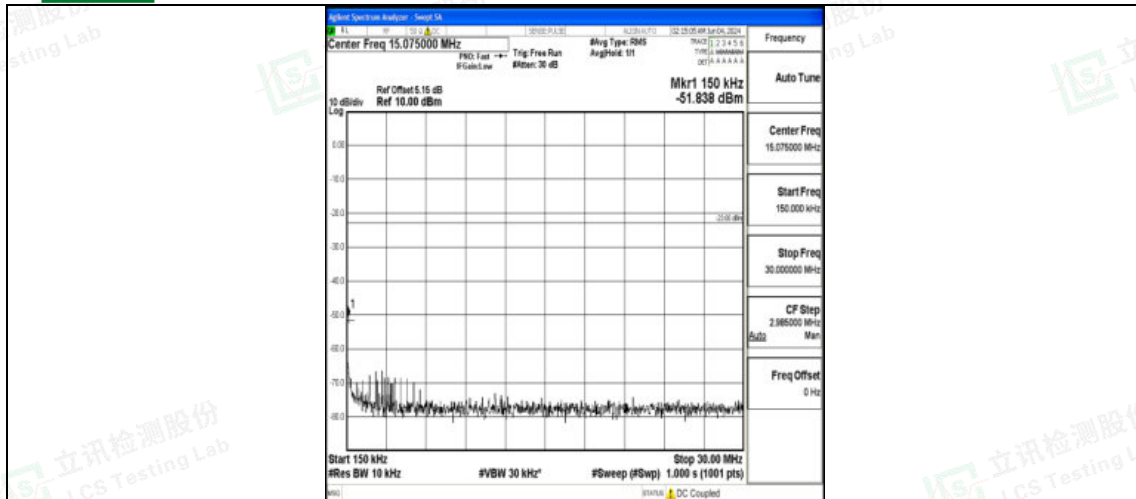


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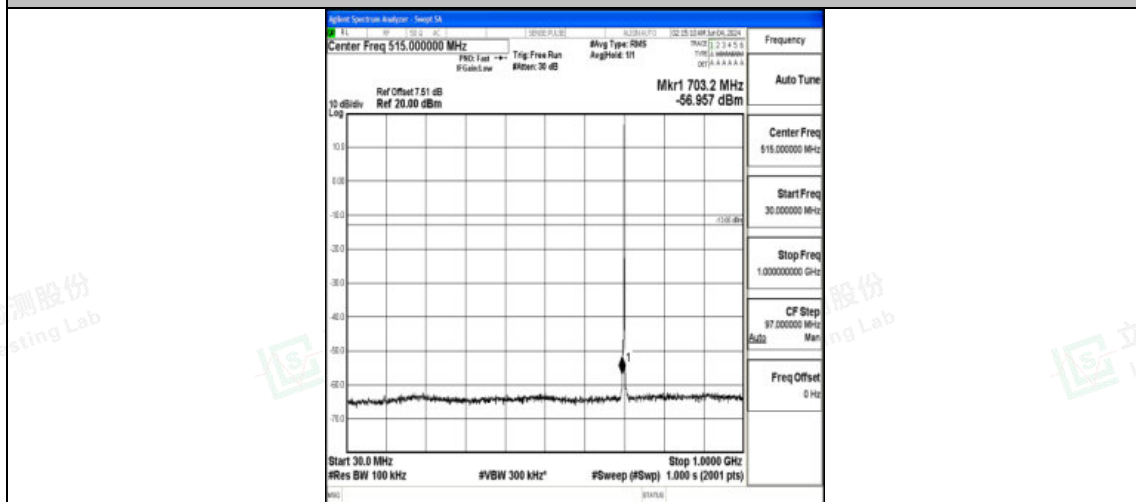


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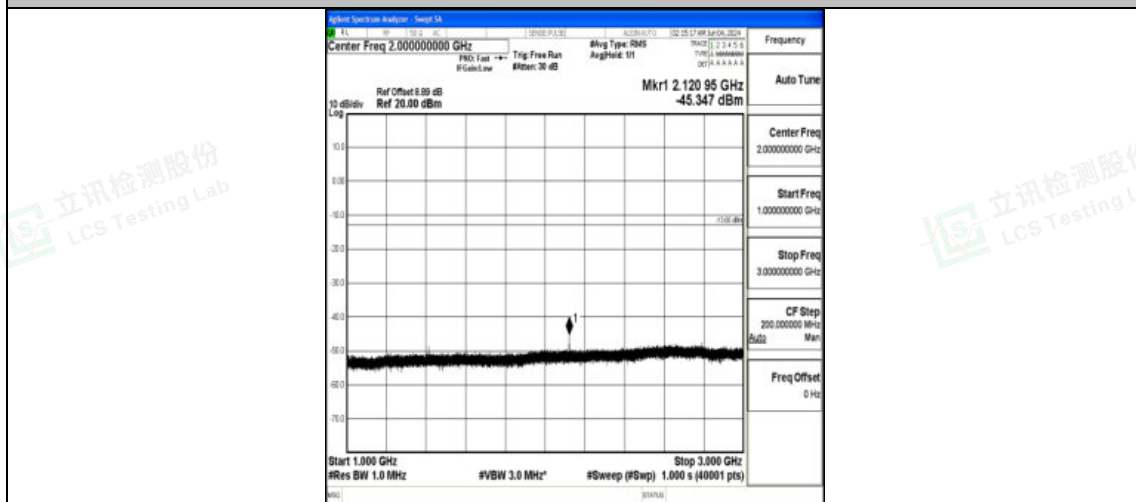




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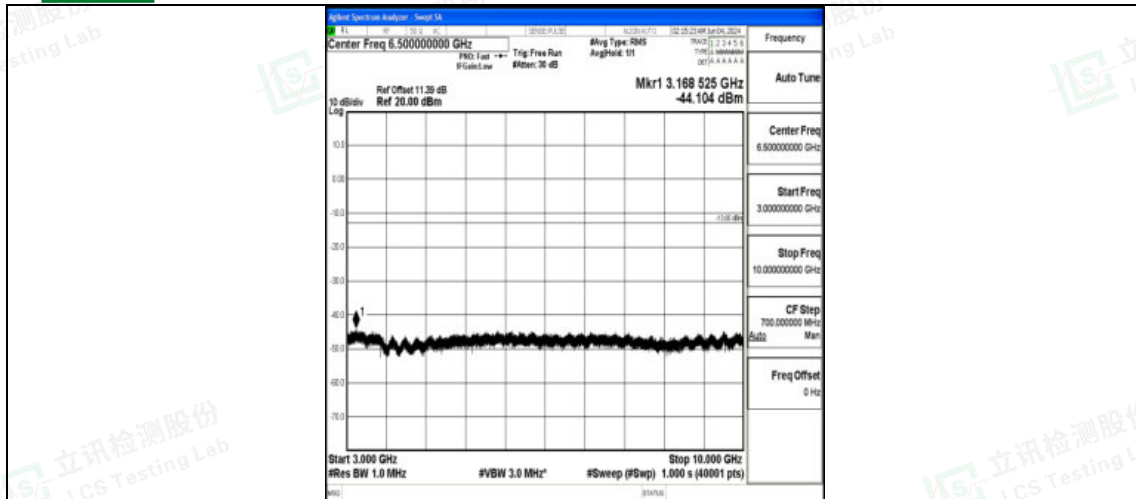


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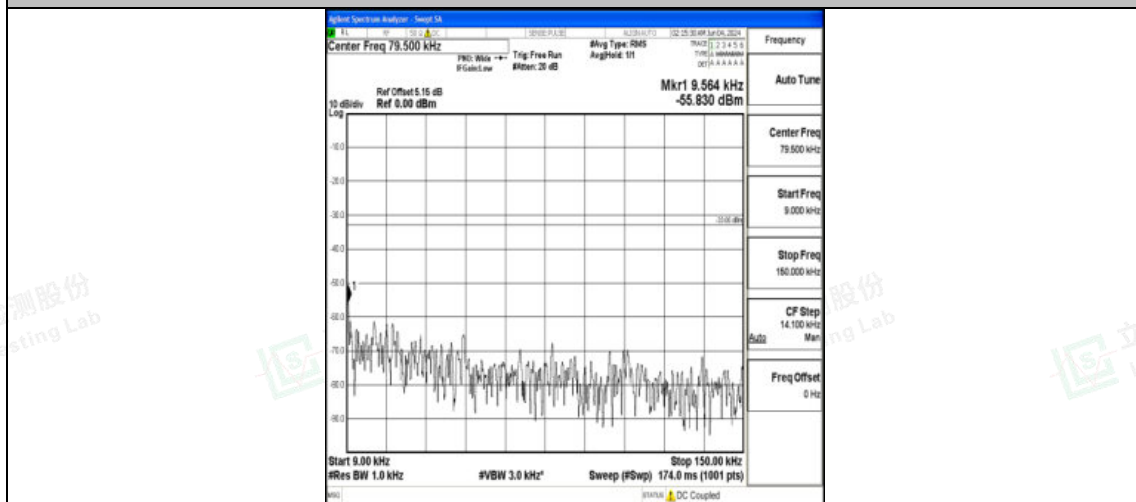


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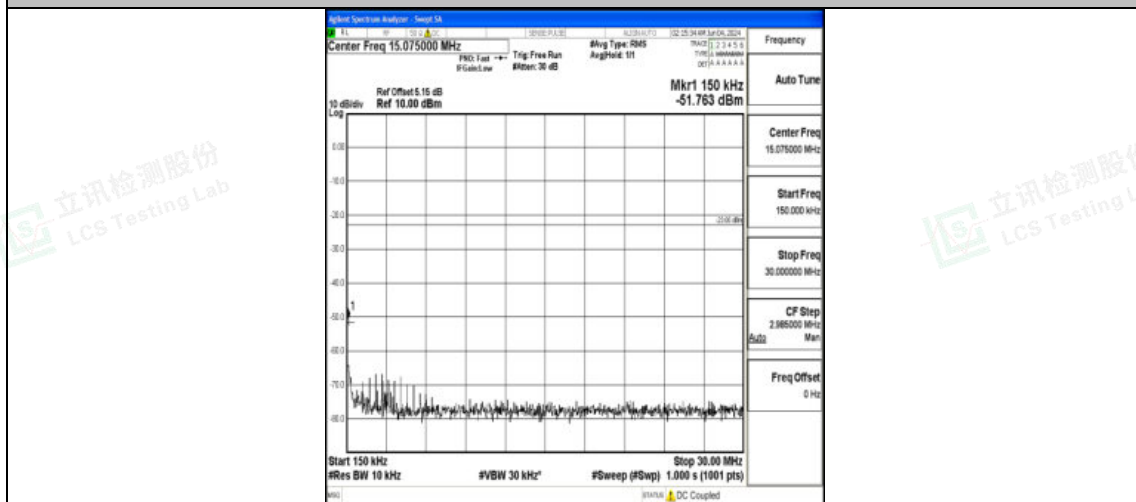




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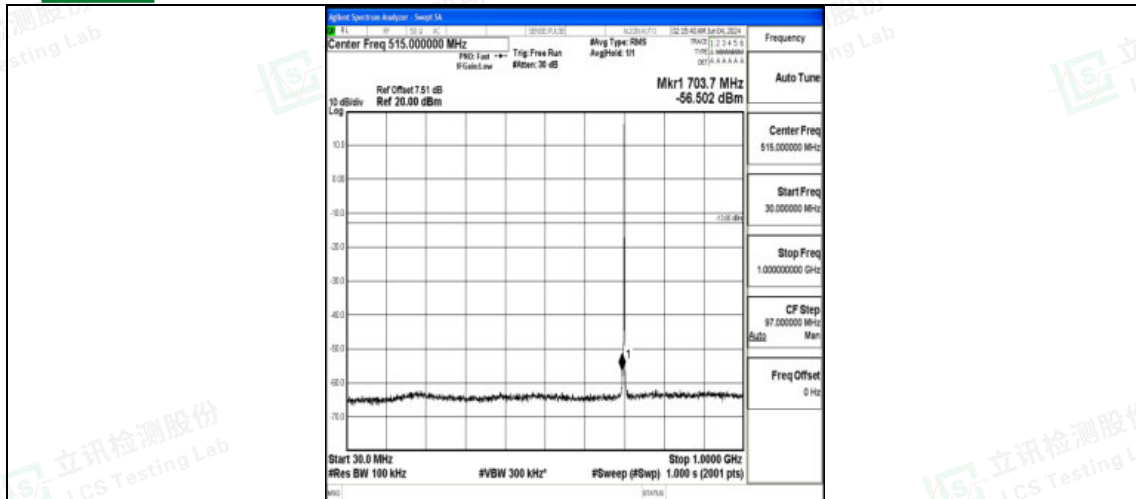


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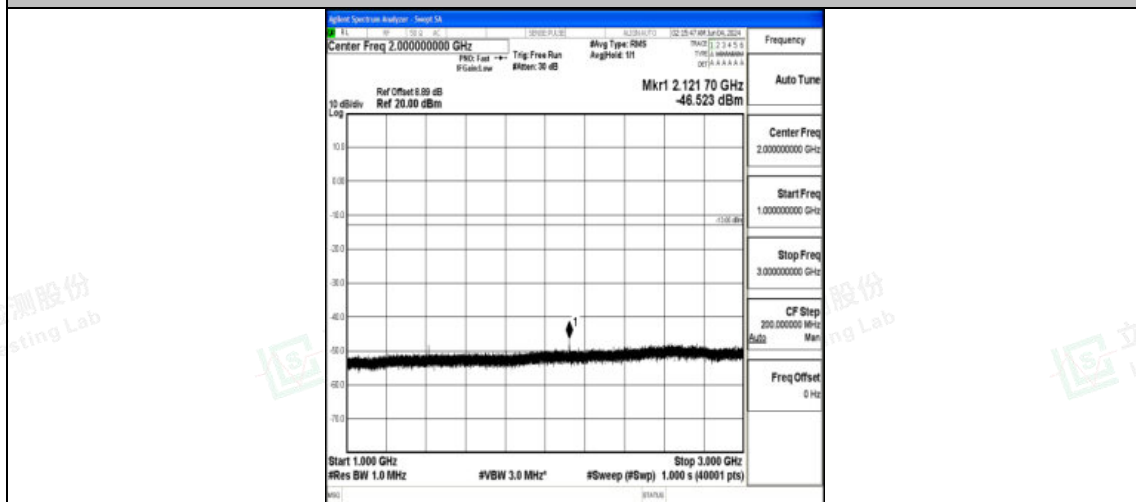


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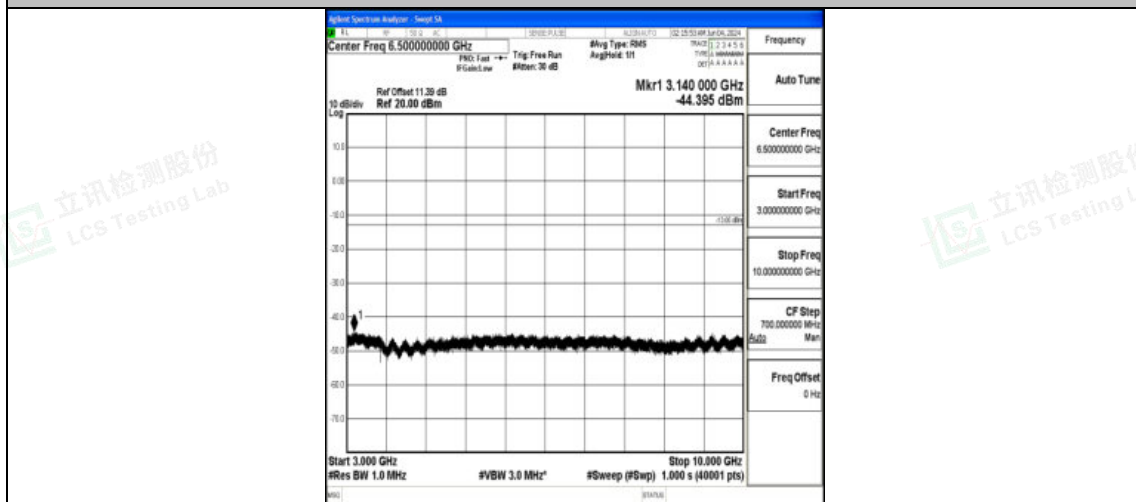




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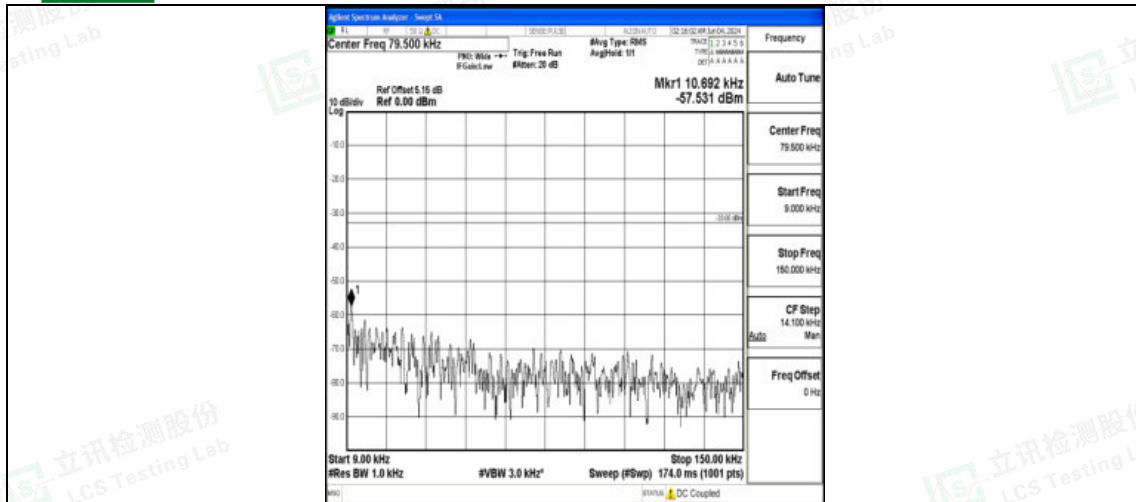


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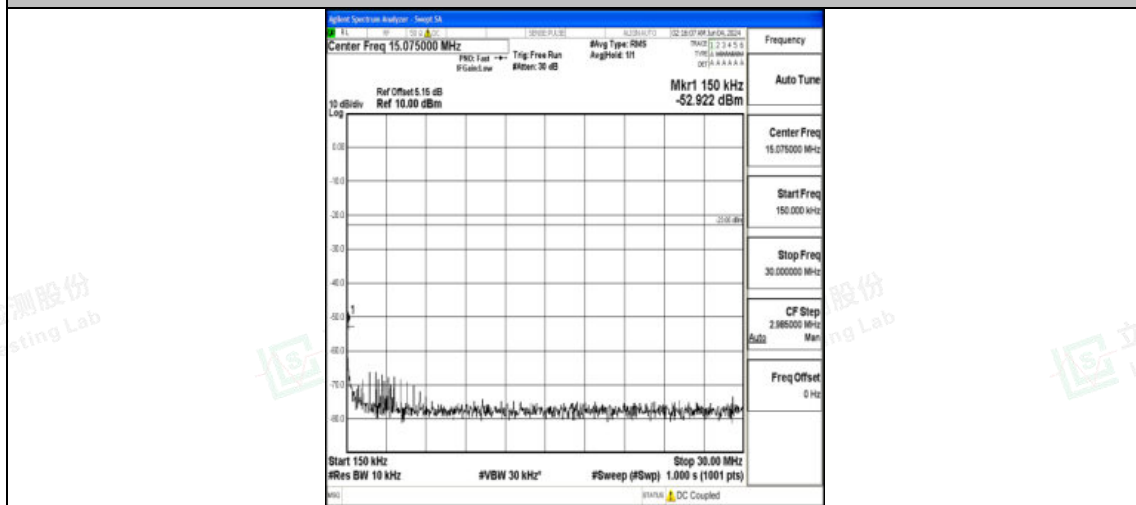


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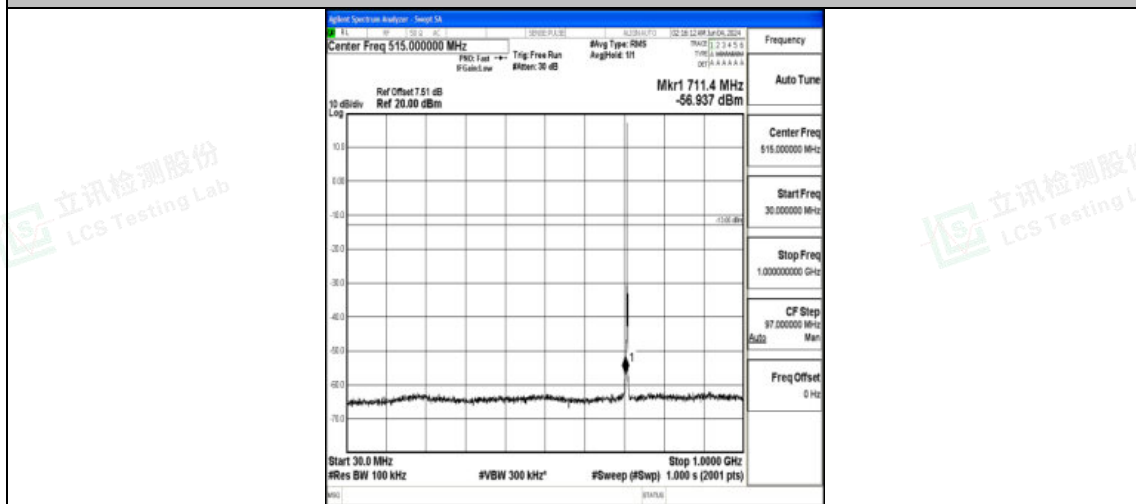




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Band12_1.4MHz_QPSK_23173_1RB#0_0.15~30_0.15~30



Band12_1.4MHz_QPSK_23173_1RB#0_30~1000_30~1000

