



Appendix H: Test Data for E-UTRA Band 12

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

Environmental Conditions

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





H.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.81	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.94	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.91	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.68	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.64	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.73	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.65	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.55	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.56	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.54	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.44	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.37	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.33	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	23.33	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.78	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.74	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.62	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.86	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.82	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.72	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.86	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.76	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	21.89	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.85	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.45	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.43	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.54	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.63	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.57	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.53	PASS



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Band12	1.4MHz	16QAM	23095	1RB#5	22.44	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.22	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.17	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.32	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.70	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.89	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.84	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.53	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.58	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.49	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.98	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.03	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.40	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.26	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.64	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.60	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.59	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.55	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.32	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.68	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.31	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.57	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.46	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.43	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.35	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.63	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.47	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.62	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.71	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.75	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.58	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.57	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.94	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.21	PASS



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Band12	3MHz	16QAM	23025	1RB#14	22.06	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.48	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.53	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.66	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.53	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.55	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.46	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.29	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.64	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.60	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.34	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.35	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.95	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.86	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.73	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.62	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.58	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.63	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.46	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.20	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.56	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.51	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.50	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.51	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.53	PASS
Band12	5MHz	QPSK	23035	25RB#0	23.25	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.53	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.91	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.73	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.86	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.91	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.87	PASS
Band12	5MHz	QPSK	23095	25RB#0	23.51	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.69	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.90	PASS



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Band12	5MHz	QPSK	23155	1RB#24	23.54	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.75	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.74	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.84	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.73	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.90	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.31	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.26	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.34	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.56	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.50	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.02	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.56	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.81	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.76	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.83	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.97	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.92	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.90	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.65	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.82	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.78	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.67	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.74	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.71	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.78	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.93	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.46	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.35	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.37	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.50	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.57	PASS
Band12	10MHz	QPSK	23060	50RB#0	23.20	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.86	PASS
Band12	10MHz	QPSK	23095	1RB#24	24.07	PASS



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Band12	10MHz	QPSK	23095	1RB#49	23.87	PASS
Band12	10MHz	QPSK	23095	25RB#0	23.39	PASS
Band12	10MHz	QPSK	23095	25RB#12	23.36	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.72	PASS
Band12	10MHz	QPSK	23095	50RB#0	23.22	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.82	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.65	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.46	PASS
Band12	10MHz	QPSK	23130	25RB#0	23.29	PASS
Band12	10MHz	QPSK	23130	25RB#12	23.32	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.71	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.83	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.00	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.83	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.41	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.53	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.53	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.57	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.69	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.71	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.92	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.68	PASS
Band12	10MHz	16QAM	23095	25RB#0	22.04	PASS
Band12	10MHz	16QAM	23095	25RB#12	22.07	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.94	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.76	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.54	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.42	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.62	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.80	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.74	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.68	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.69	PASS



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H.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	5.25	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.16	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	5.24	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.47	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3.84	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.64	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	6.37	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.04	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	6.33	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.68	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.72	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.53	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	5.08	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.31	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.88	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.60	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.17	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.86	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	6.09	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.29	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.67	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.04	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.65	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.71	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	5.54	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.26	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	5.49	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.52	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.47	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.90	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	6.42	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.09	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.89	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.35	13	PASS



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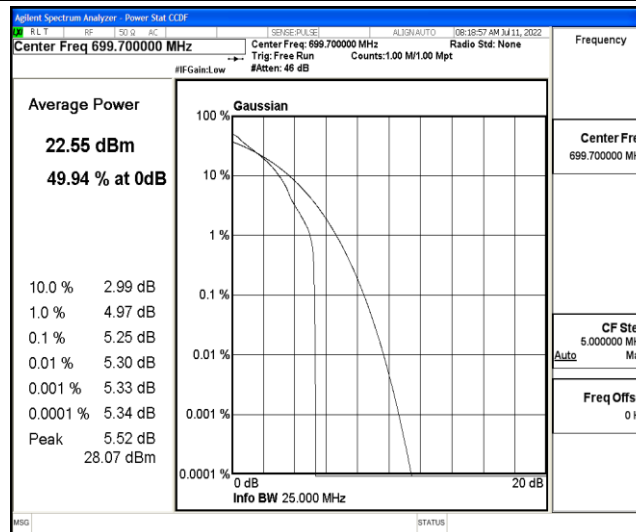
Band12	5MHz	16QAM	23155	1RB#0	5.51	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.80	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.42	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.55	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.23	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.25	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.34	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.09	13	PASS



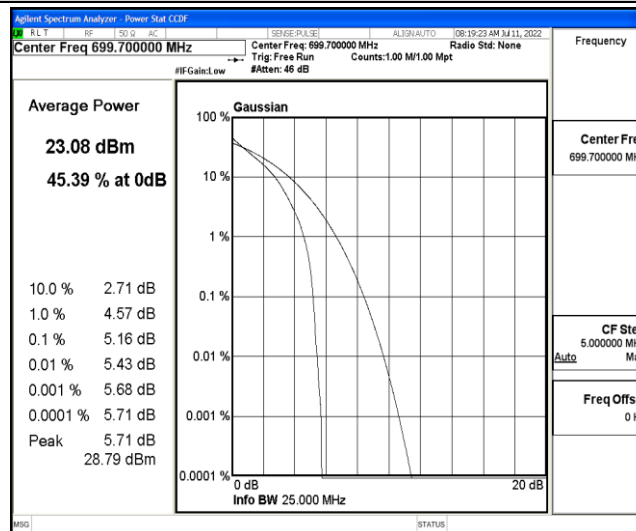


Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0

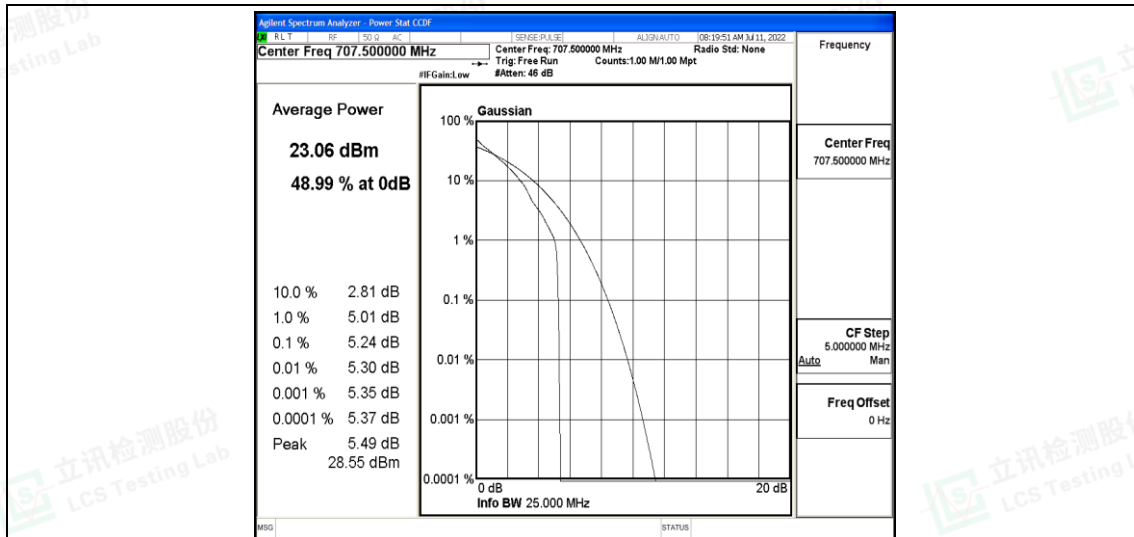


Band12-1.4MHz-QPSK-23017-6RB#0

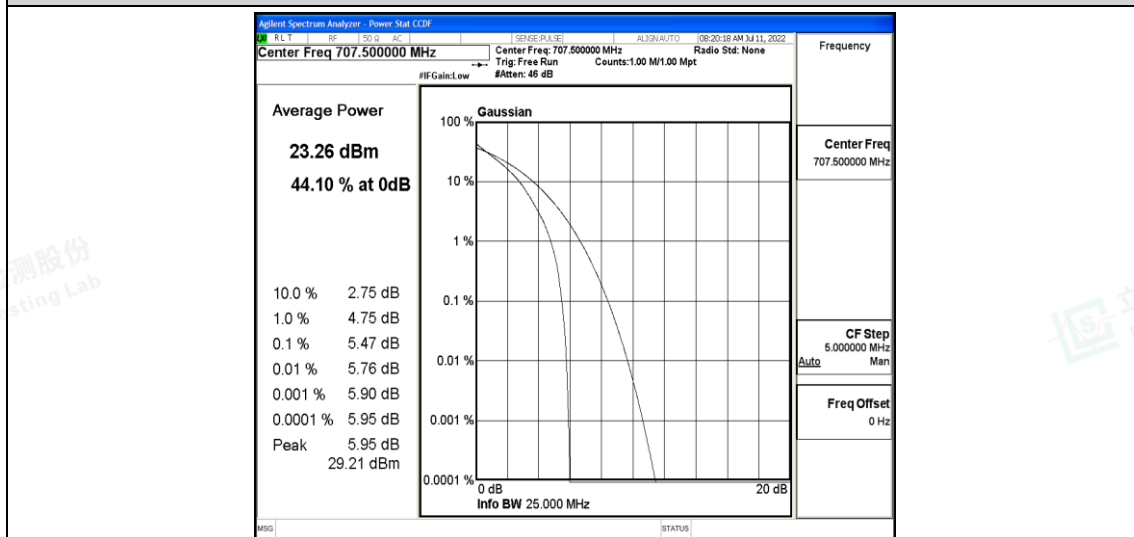


Band12-1.4MHz-QPSK-23095-1RB#0

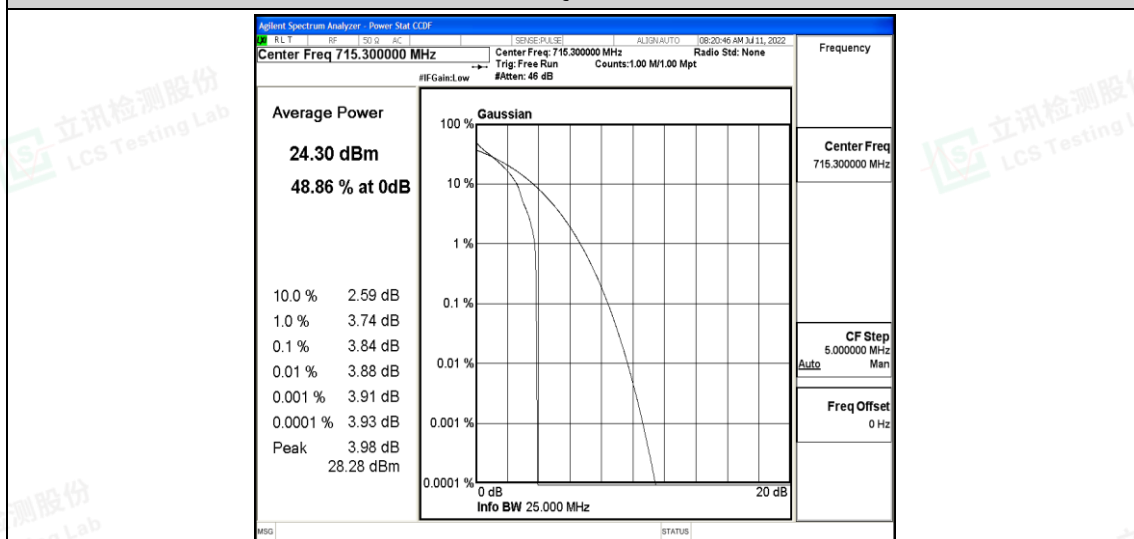




Band12-1.4MHz-QPSK-23095-6RB#0

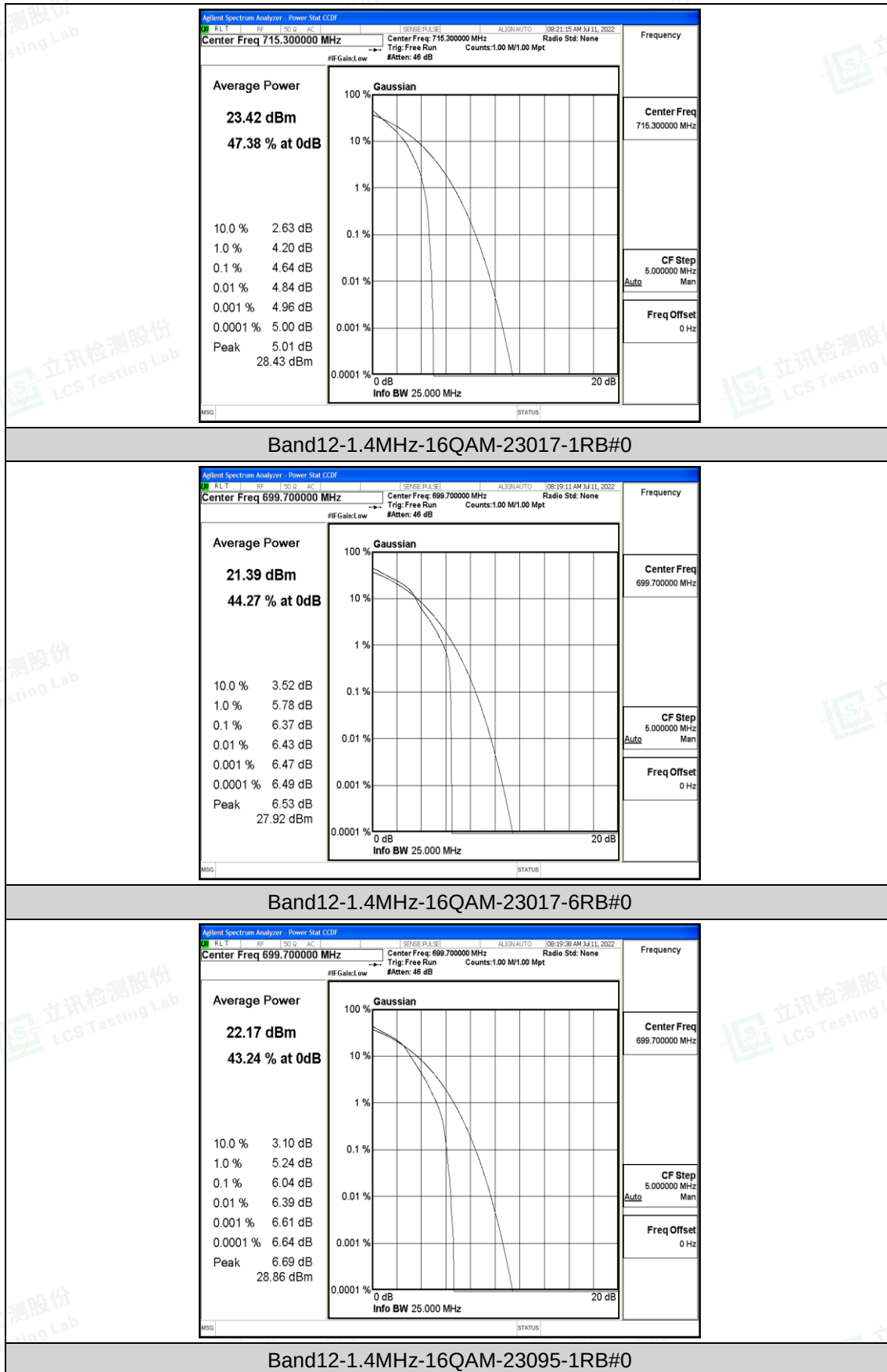


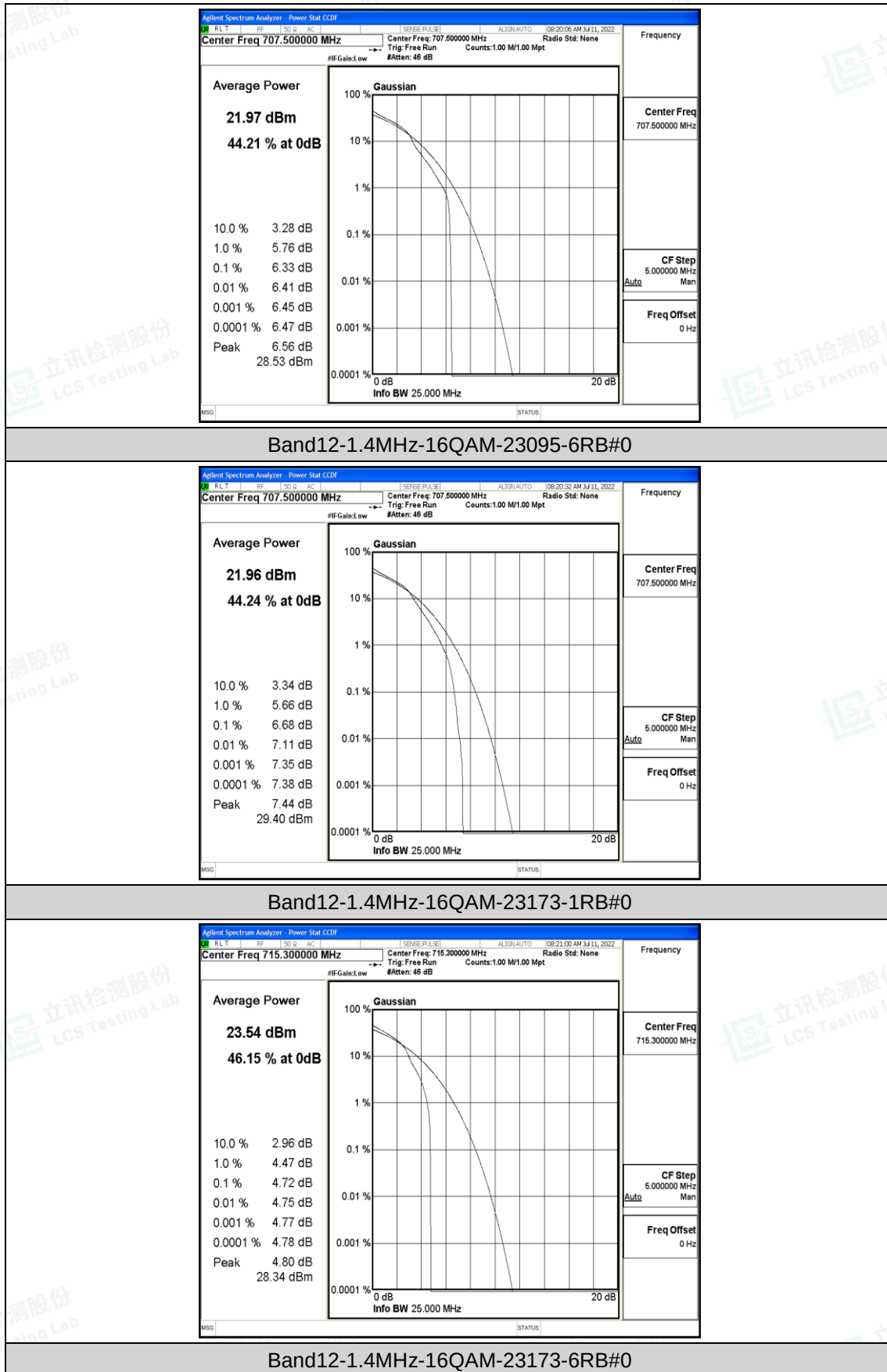
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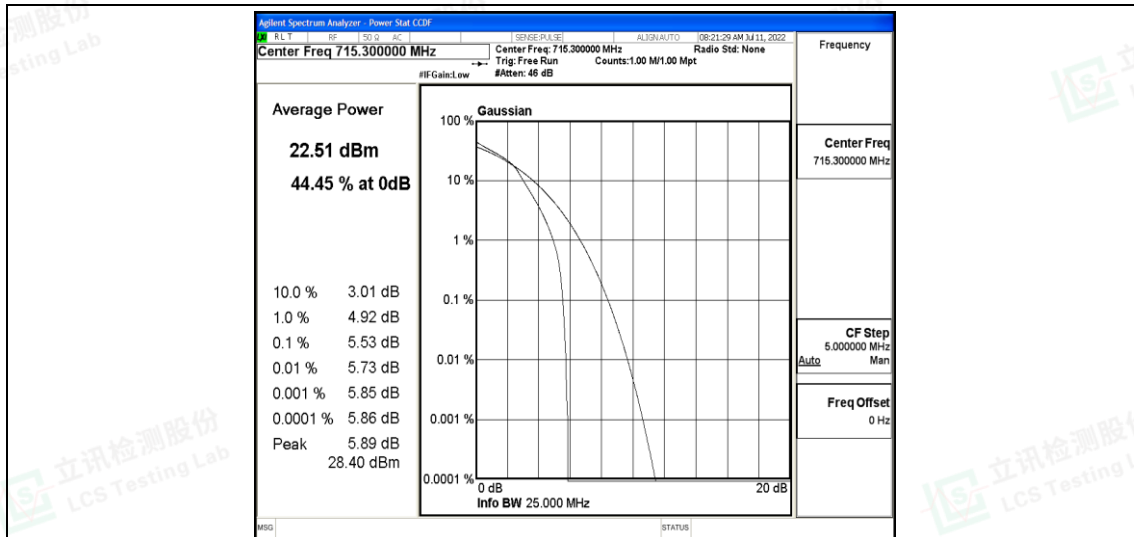


Band12-1.4MHz-QPSK-23173-6RB#0

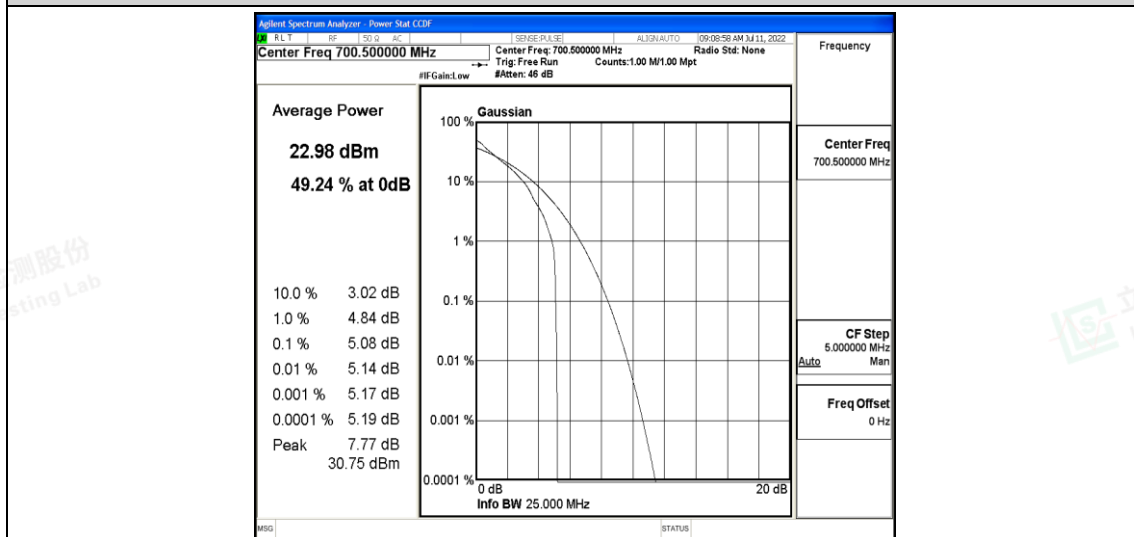




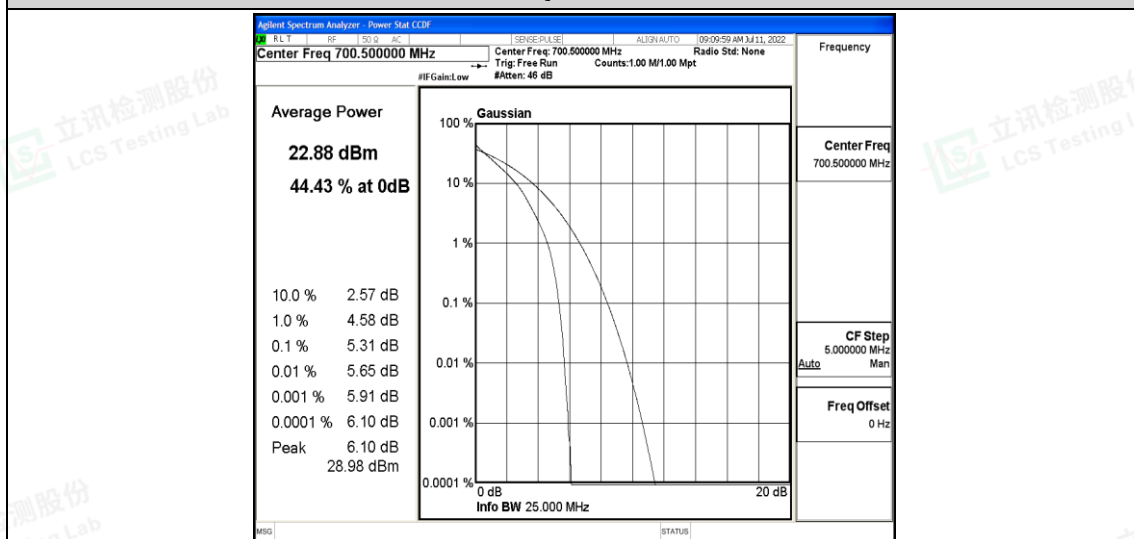




Band12-3MHz-QPSK-23025-1RB#0

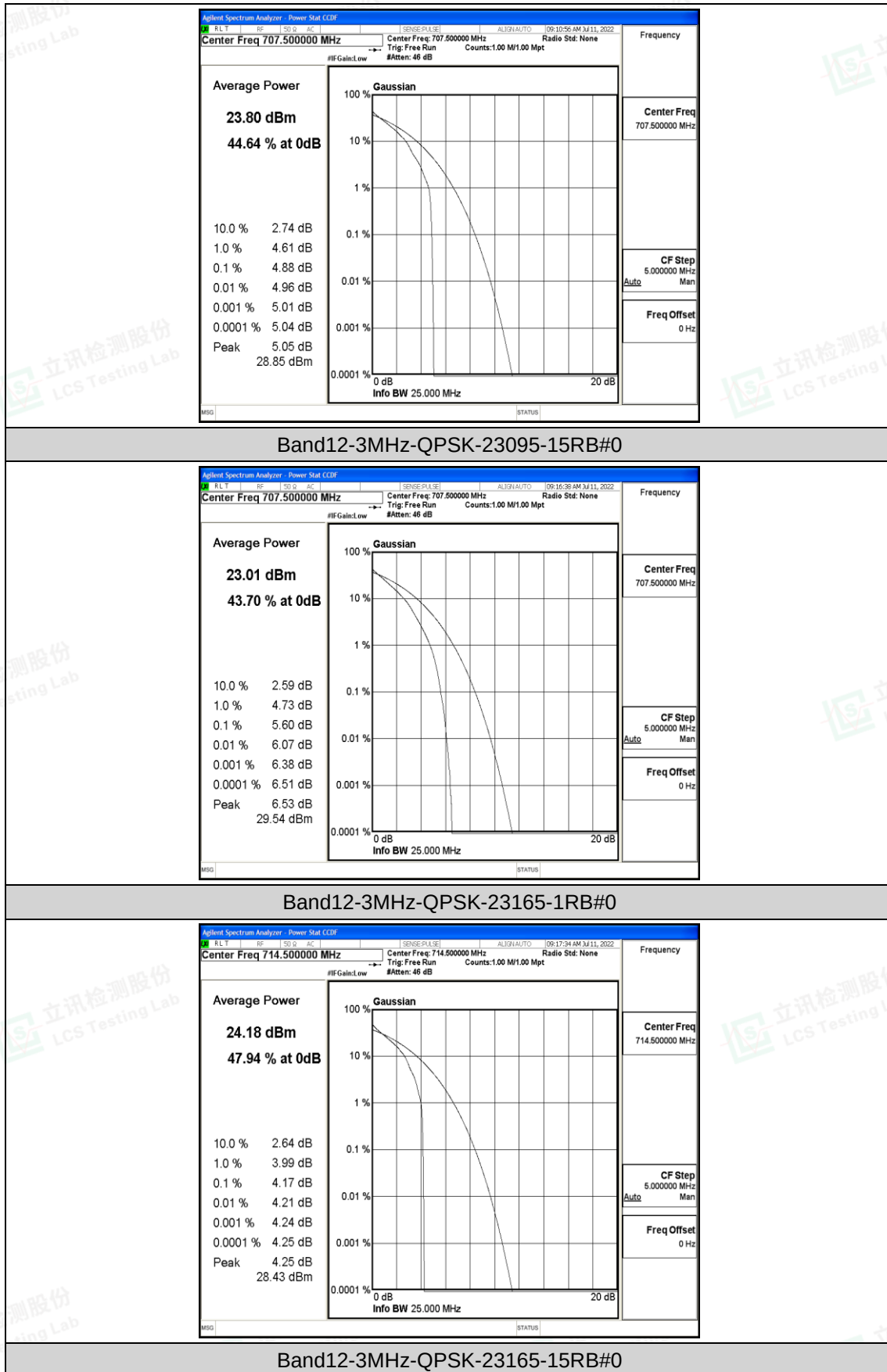


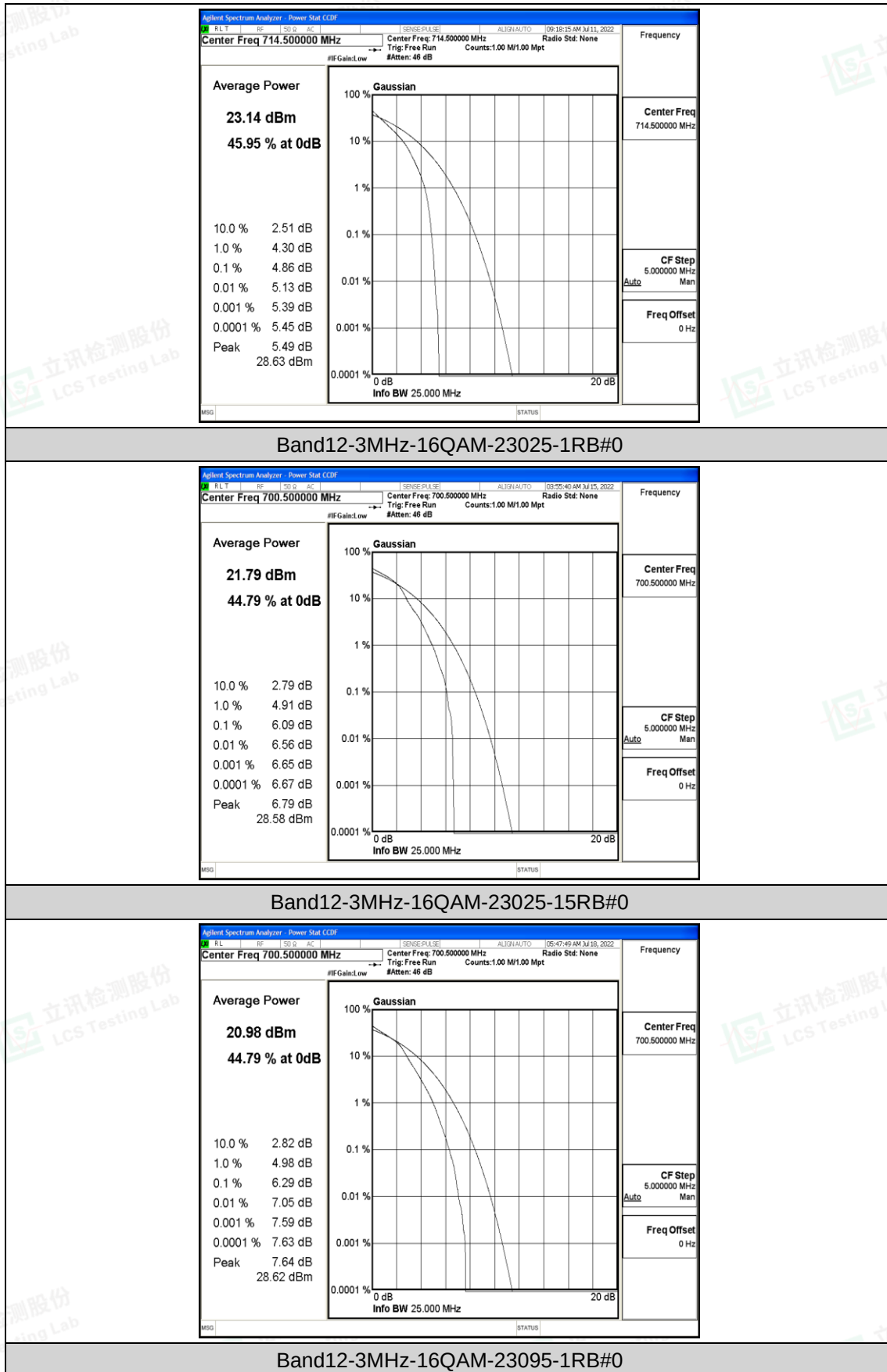
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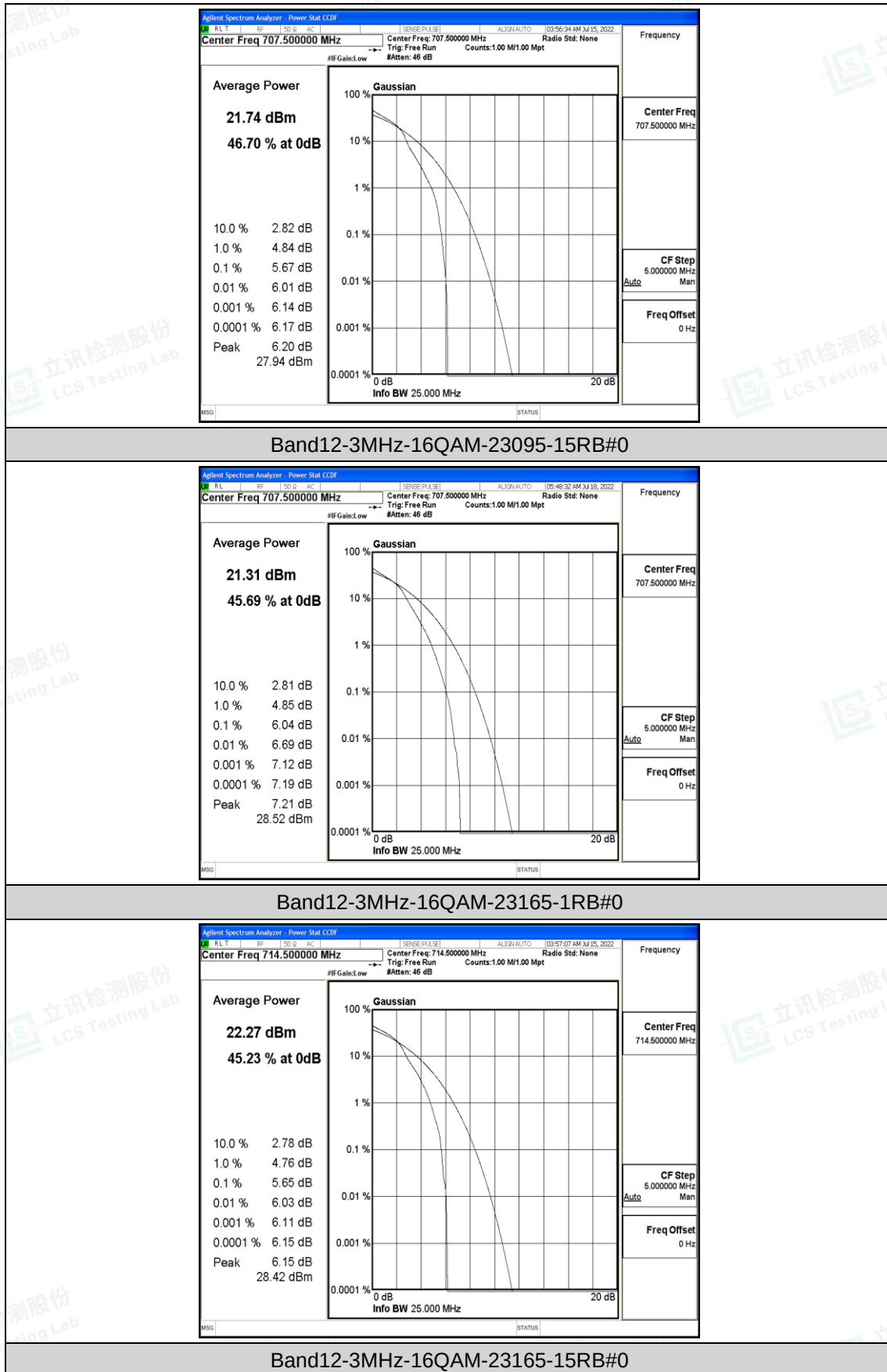


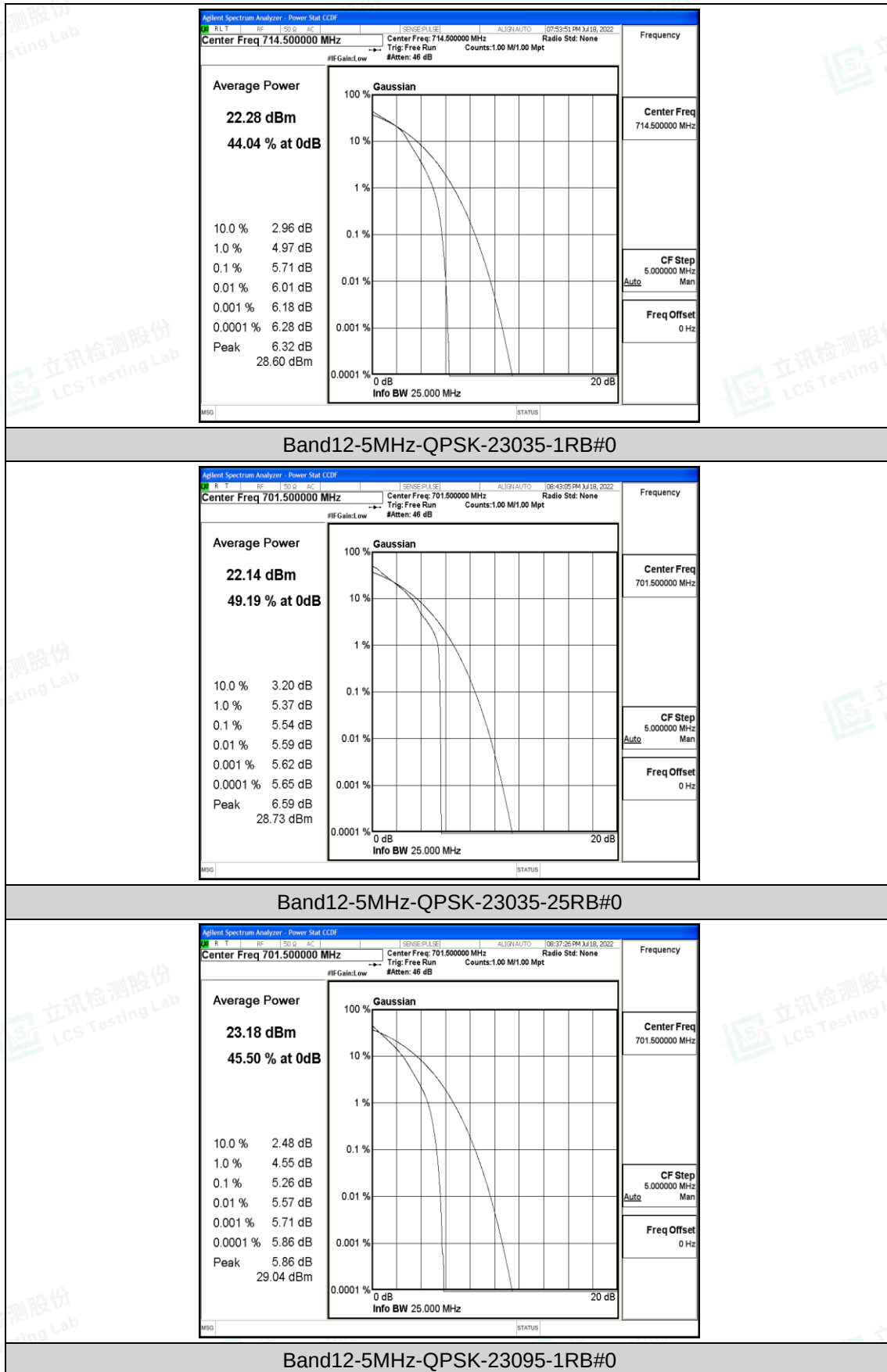
Band12-3MHz-QPSK-23095-1RB#0

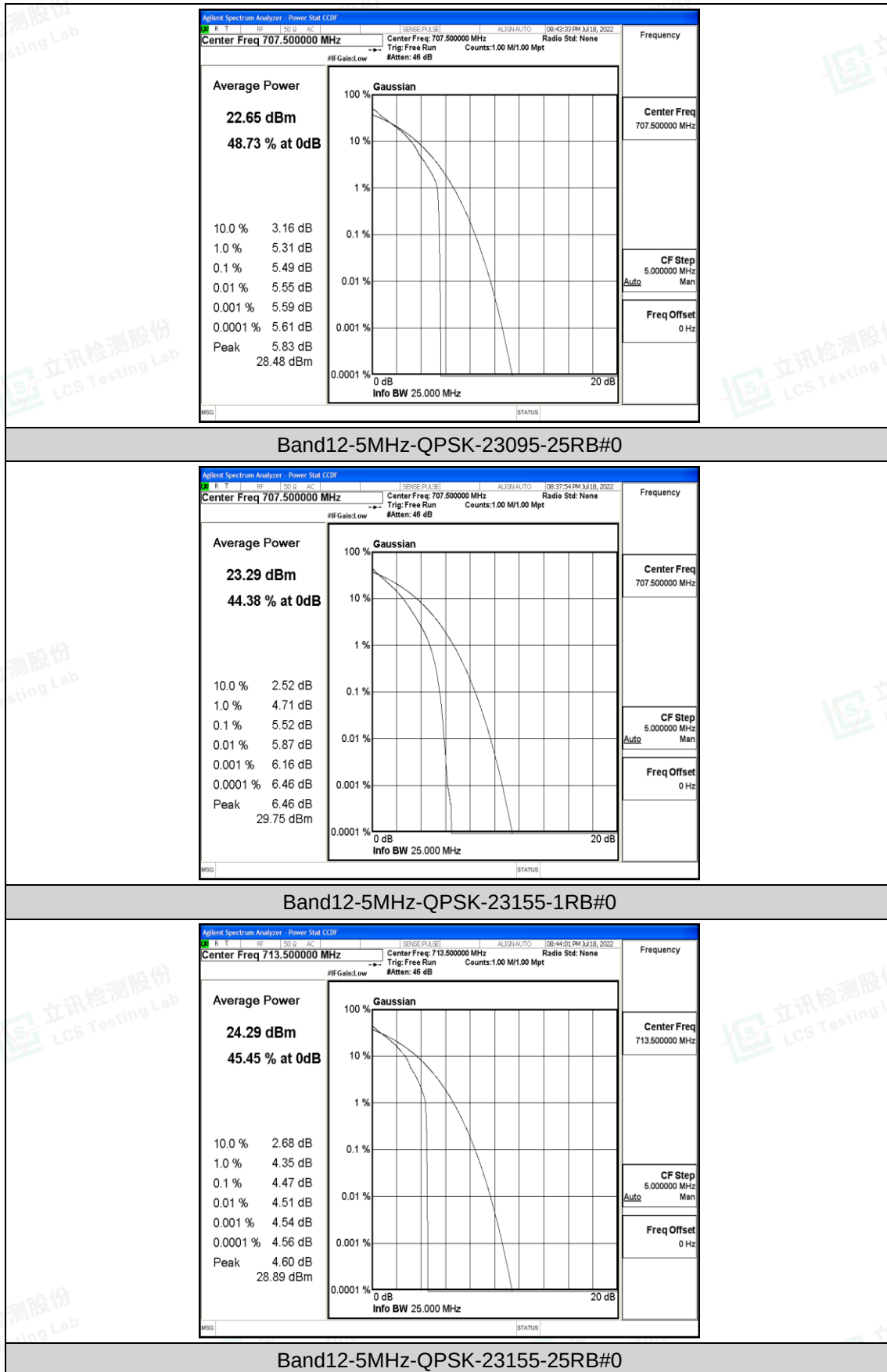


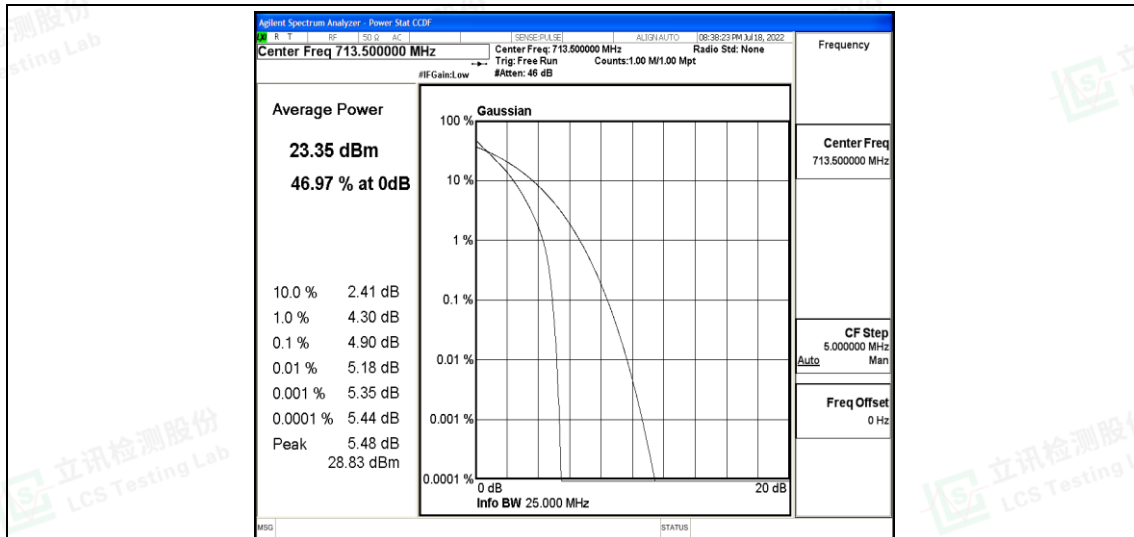




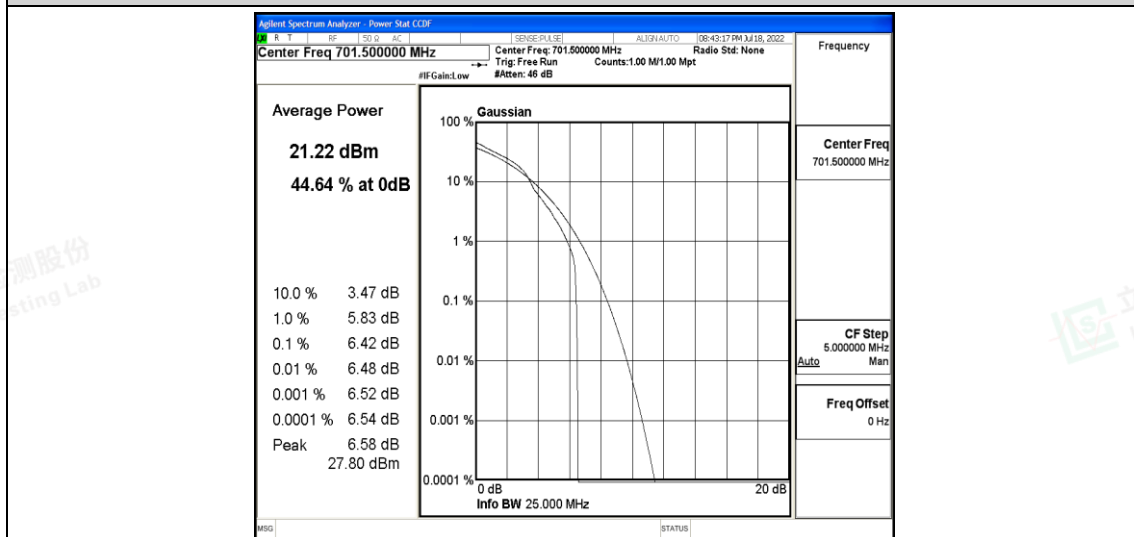




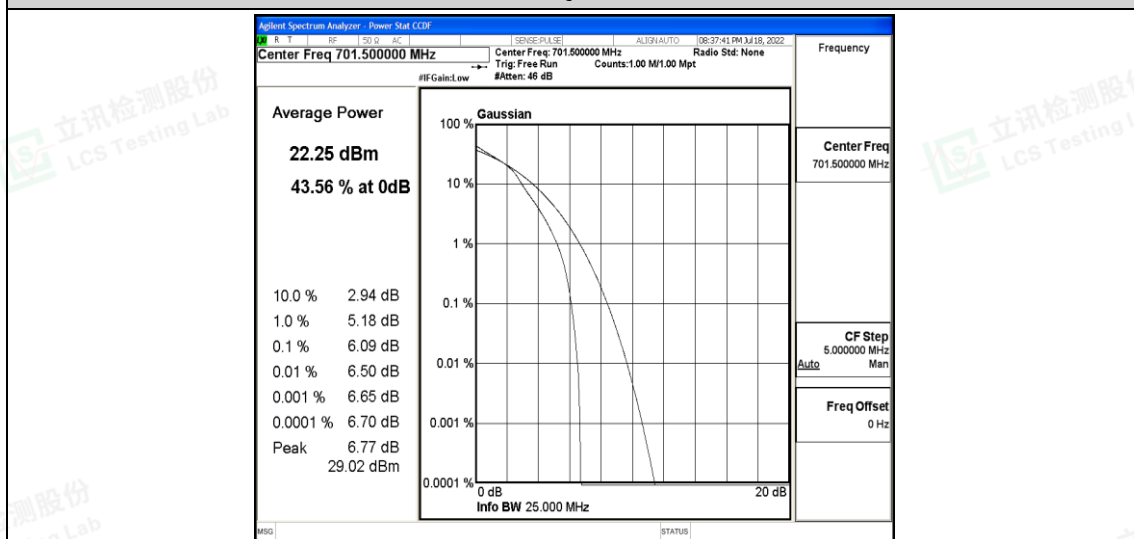




Band12-5MHz-16QAM-23035-1RB#0



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



Band12-5MHz-16QAM-23095-1RB#0

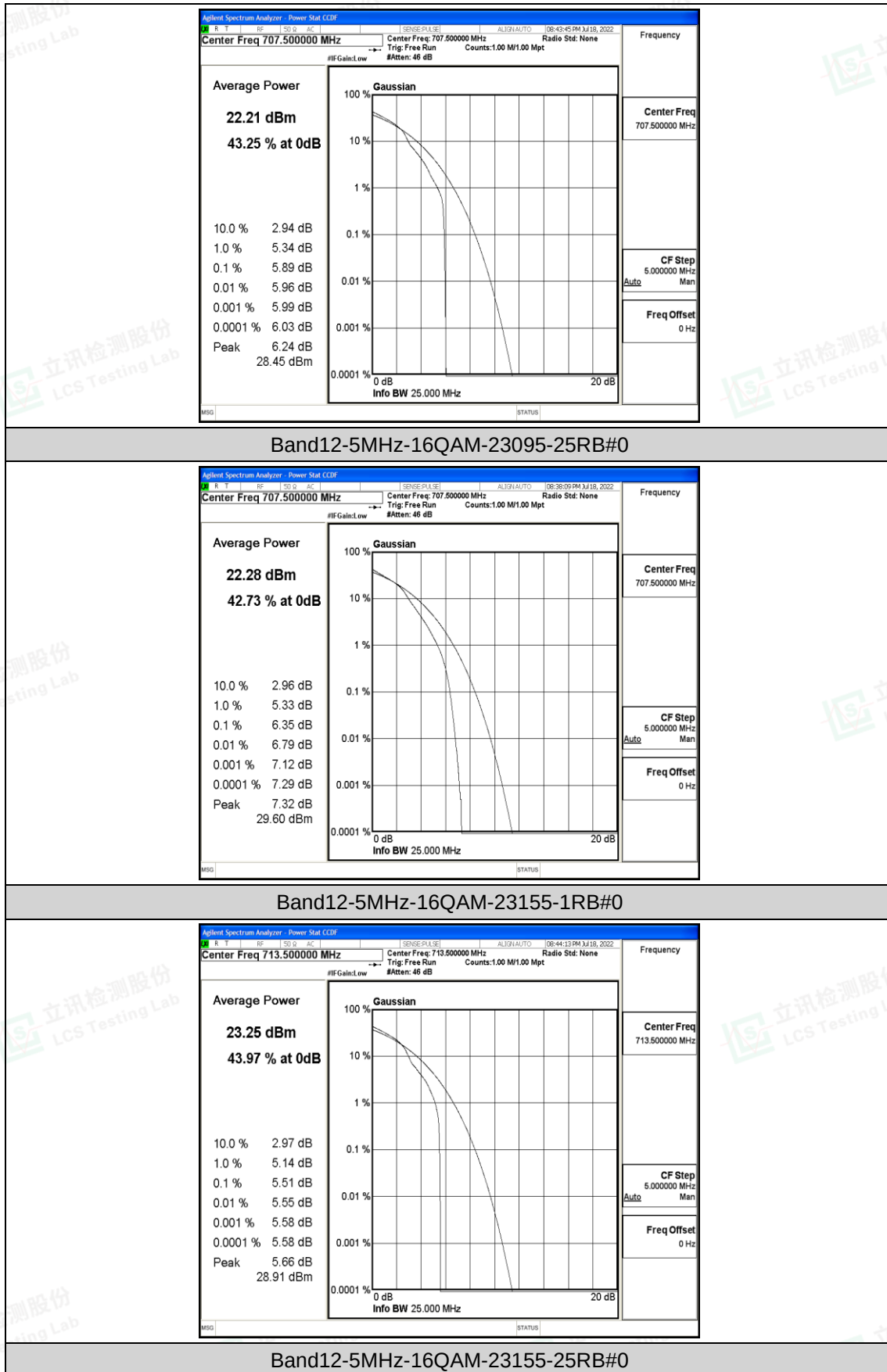


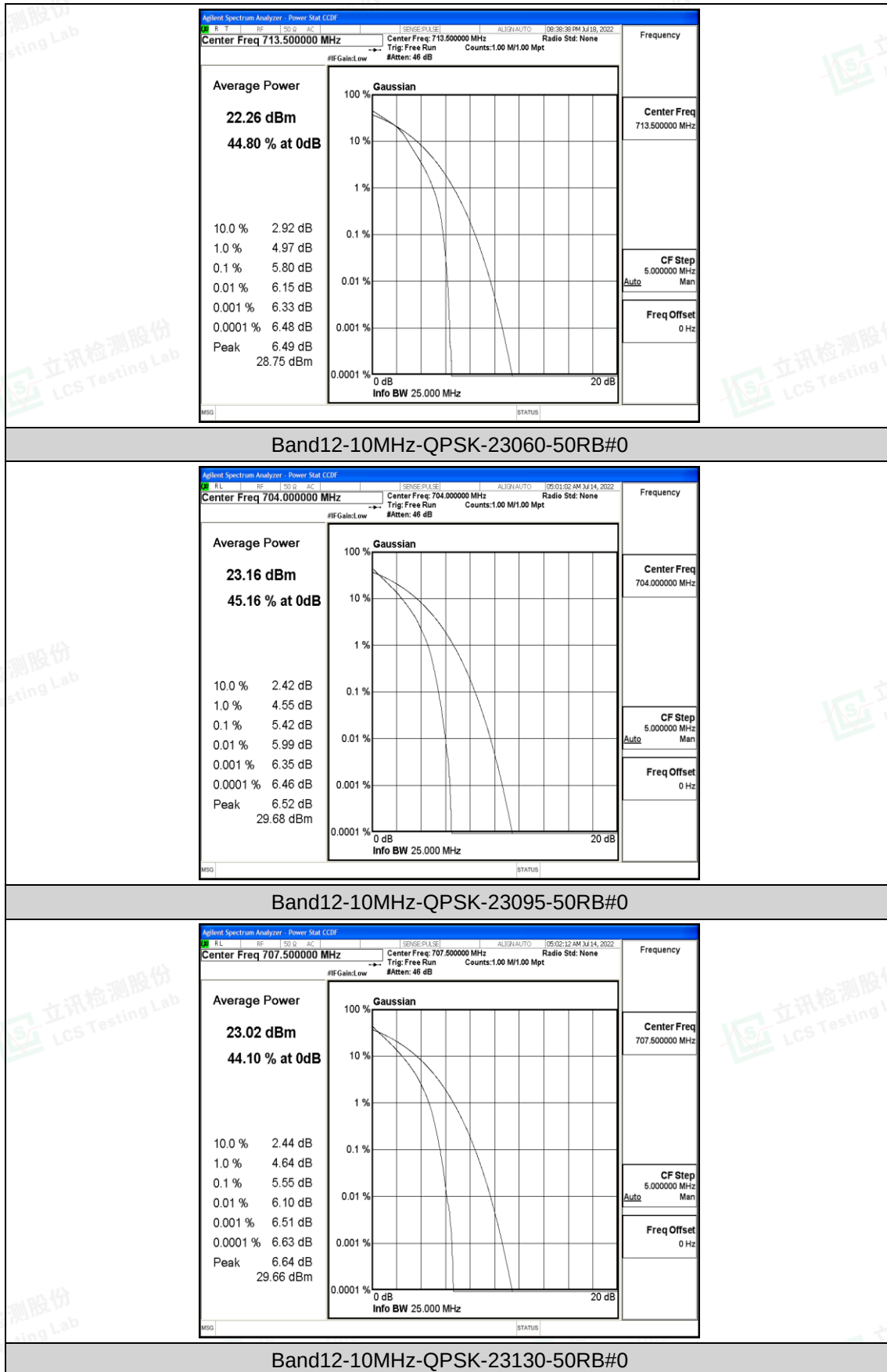
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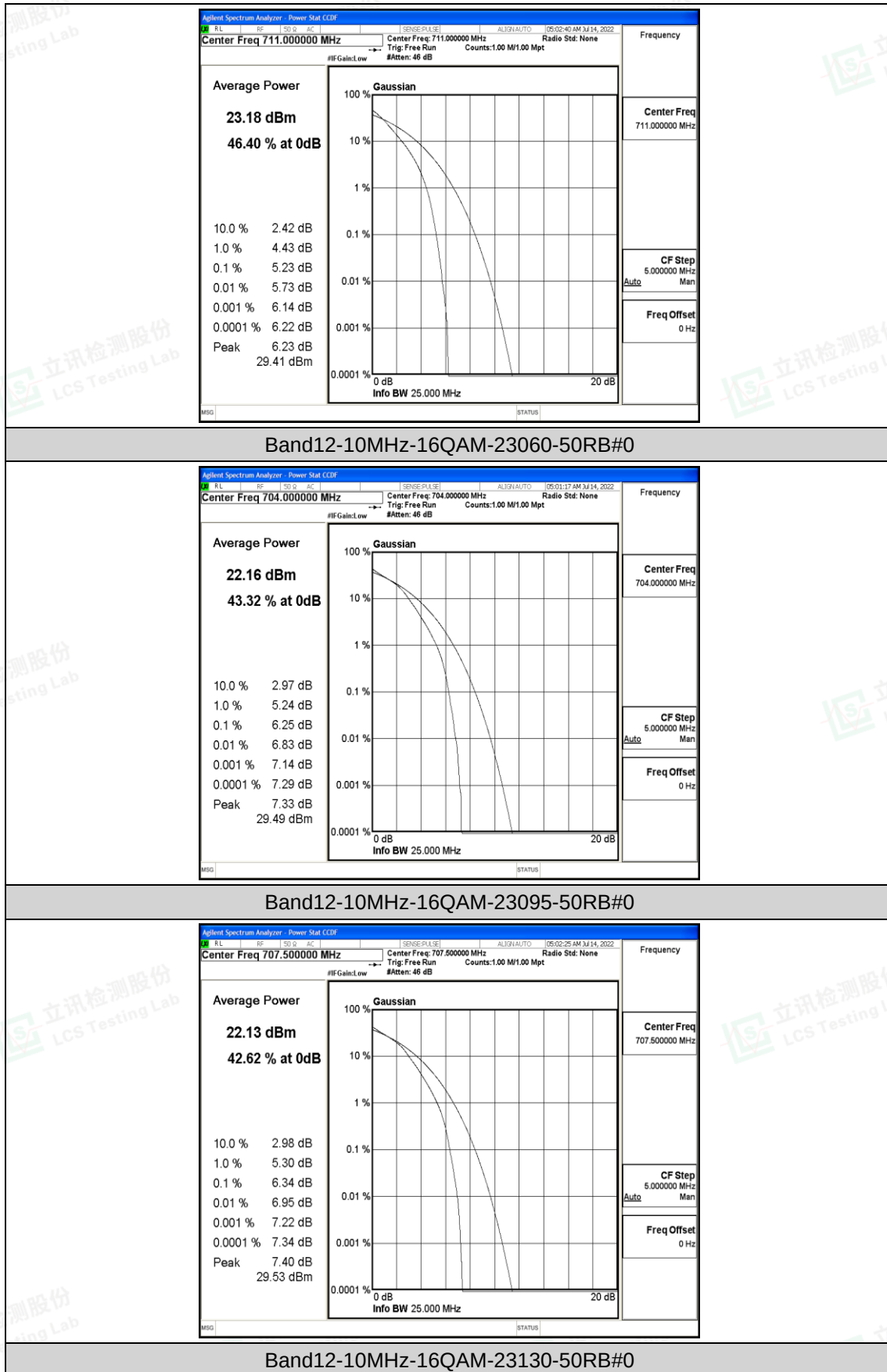
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

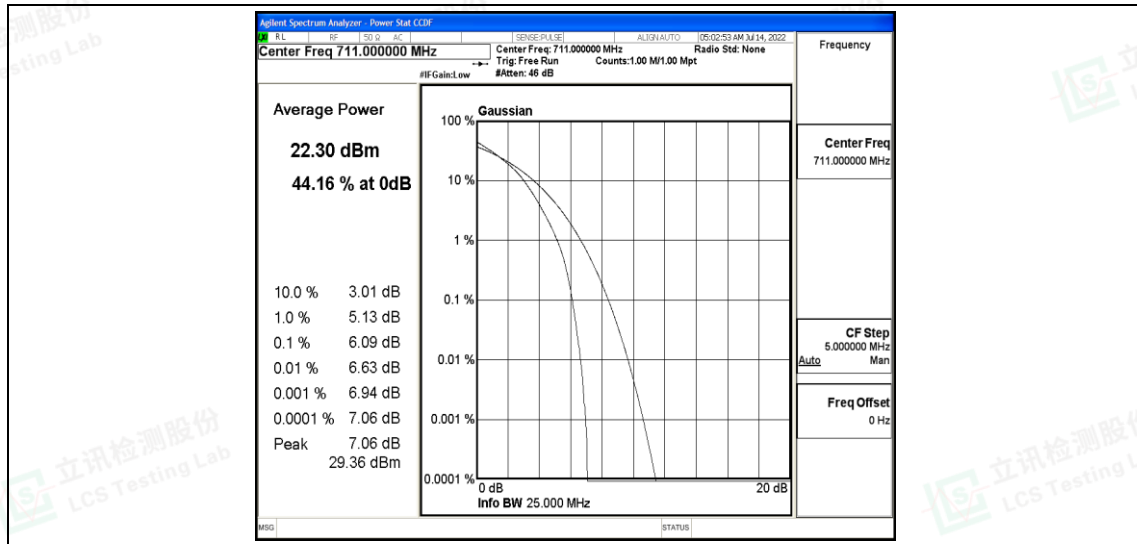
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H.3 26dB Bandwidth and Occupied Bandwidth

Test Result

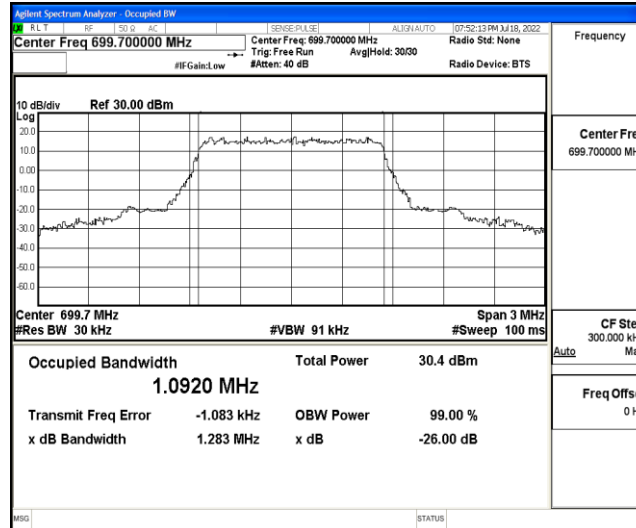
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0920	1.283	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0949	1.282	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0951	1.270	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0954	1.295	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0928	1.277	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0893	1.285	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6951	2.965	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6970	2.967	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7039	2.975	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6861	2.954	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6918	2.990	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6917	2.962	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5043	4.999	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5094	4.980	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4905	4.980	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5025	4.954	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5126	5.021	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4978	5.031	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9709	9.913	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9913	9.843	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9744	9.864	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9788	9.837	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9923	9.834	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9599	9.825	PASS



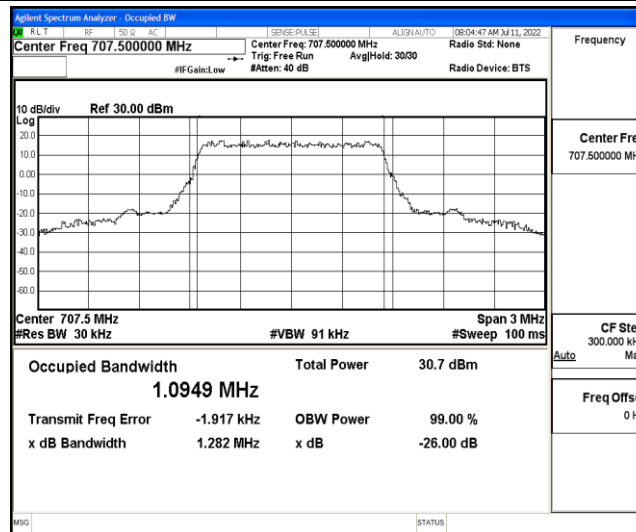


Test Graphs

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

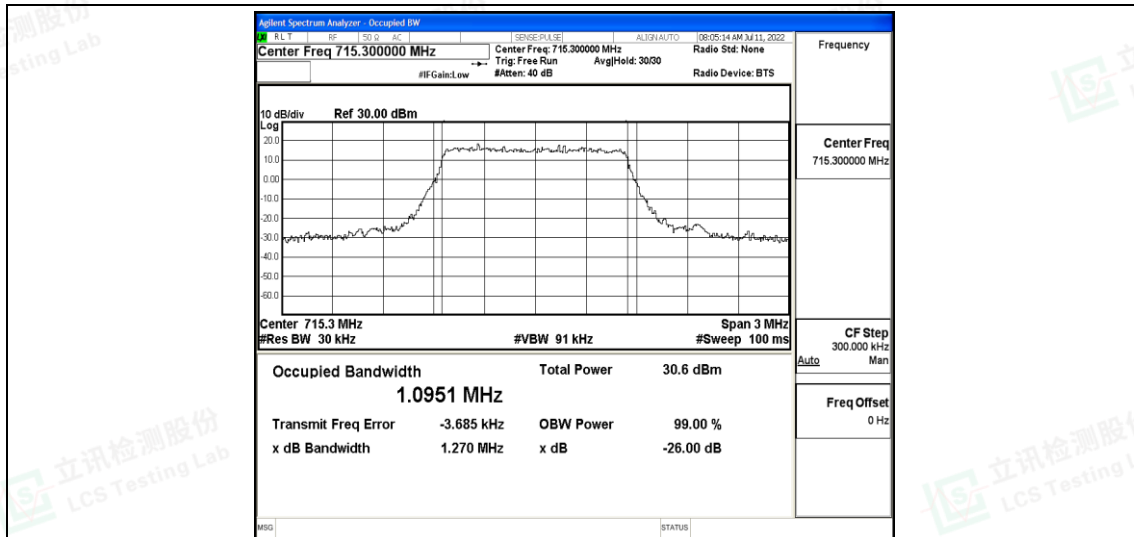


Band12-1.4MHz-QPSK-23095-6RB#0

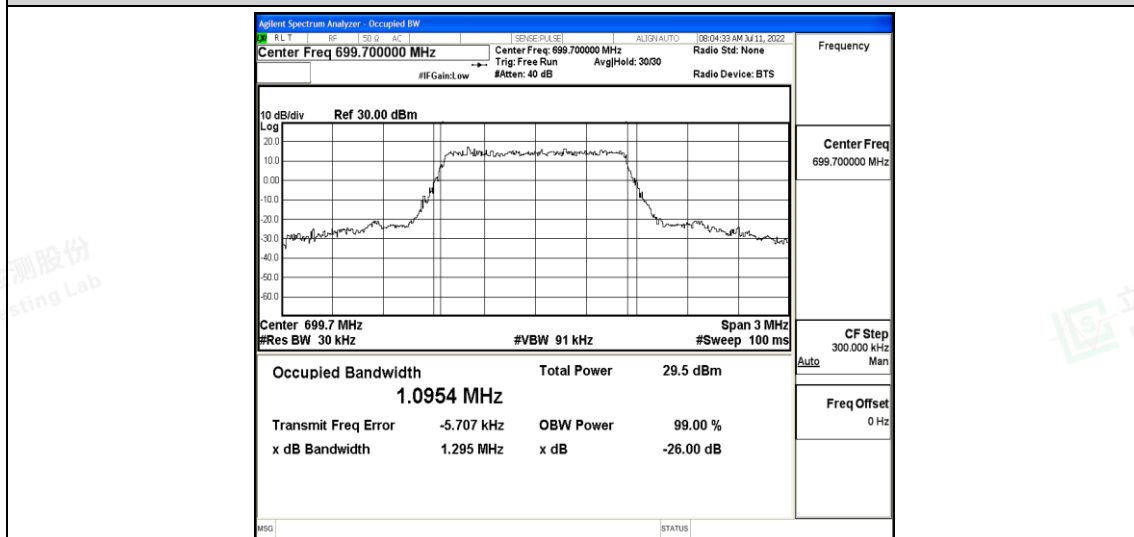


Band12-1.4MHz-QPSK-23173-6RB#0

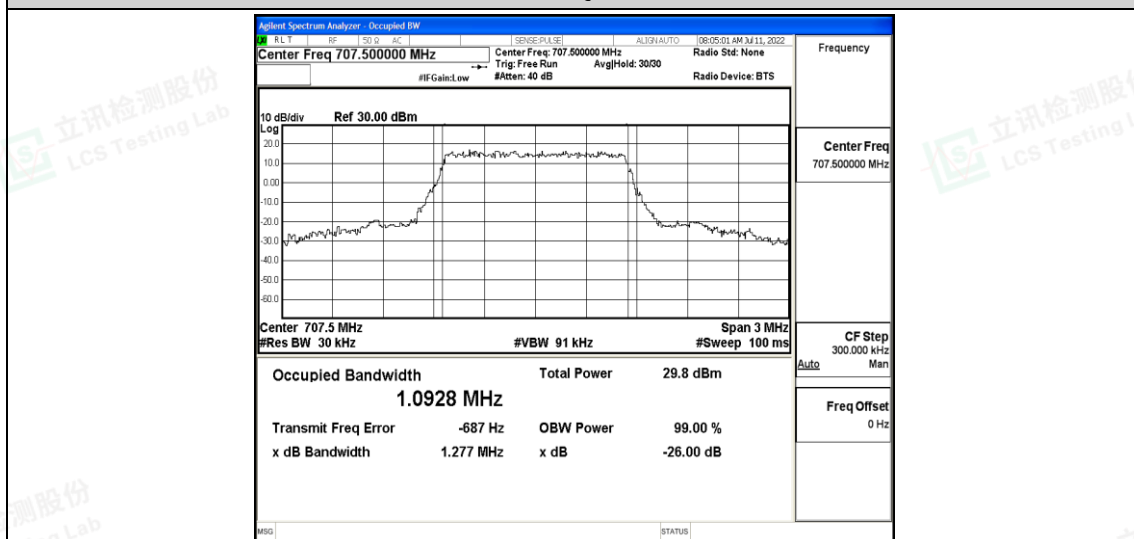




Band12-1.4MHz-16QAM-23017-6RB#0

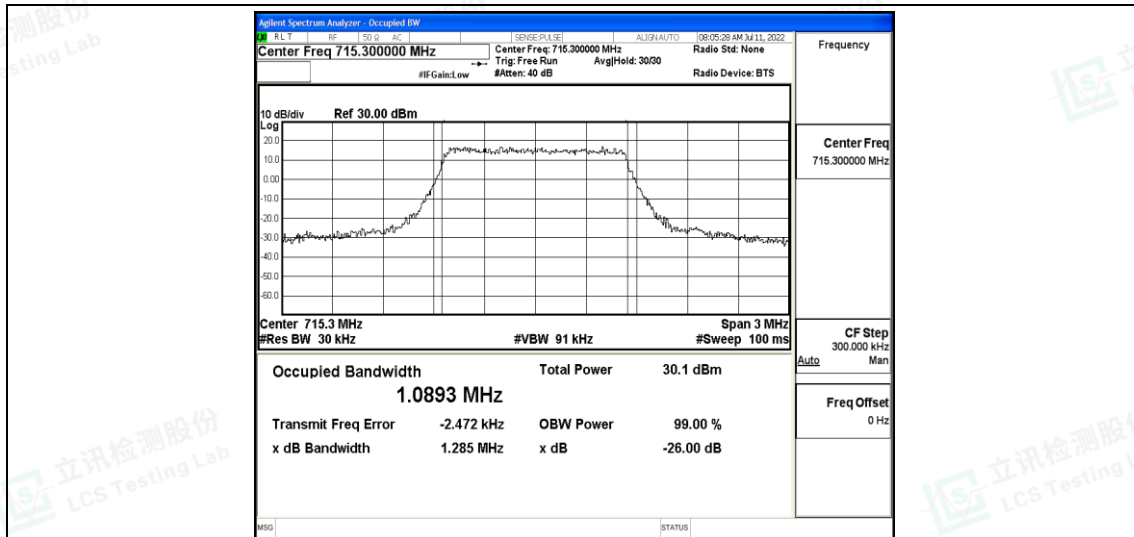


Band12-1.4MHz-16QAM-23095-6RB#0

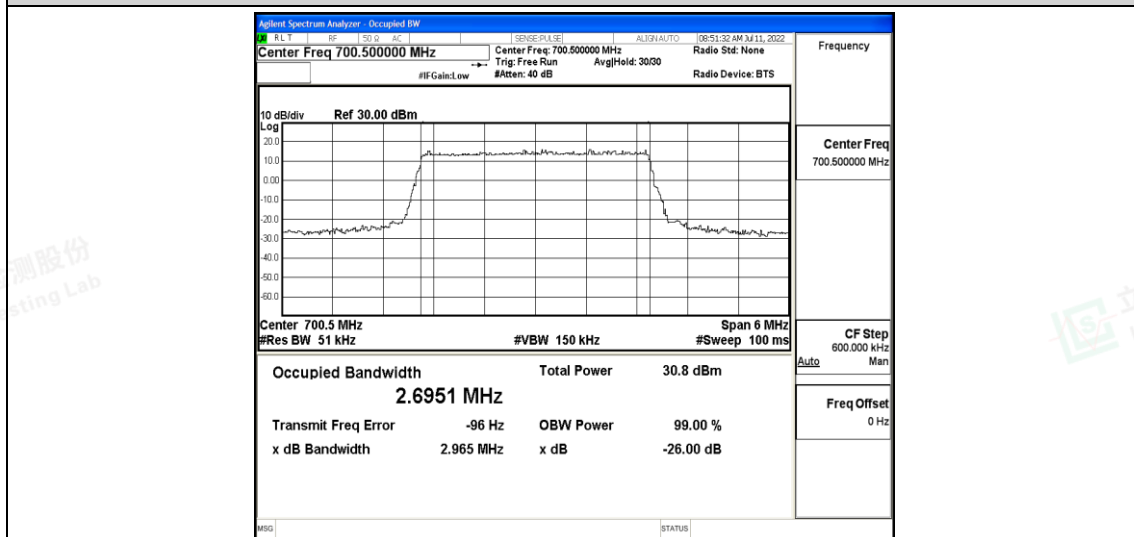


Band12-1.4MHz-16QAM-23173-6RB#0

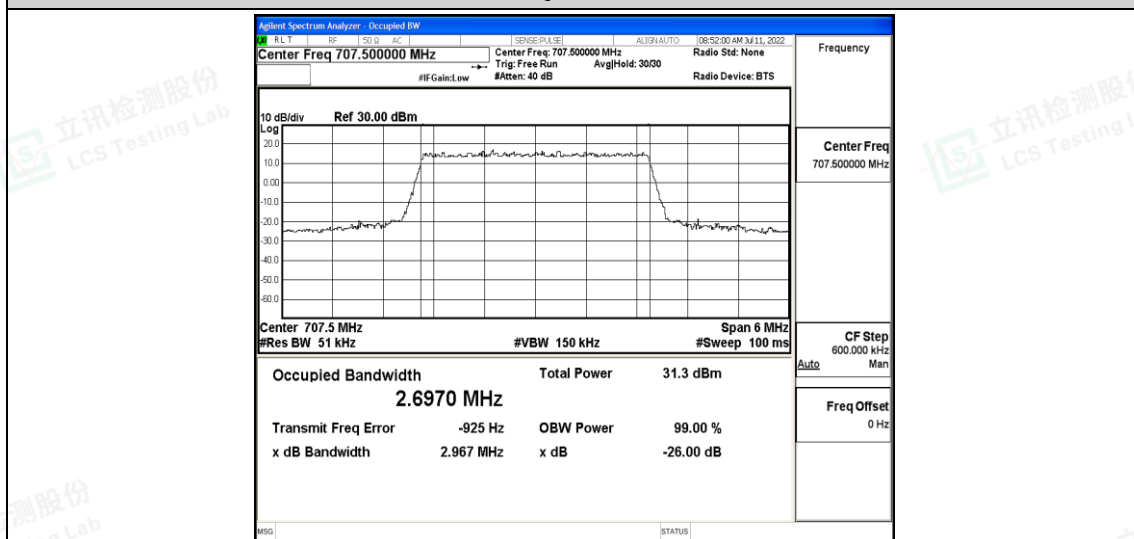




Band12-3MHz-QPSK-23025-15RB#0



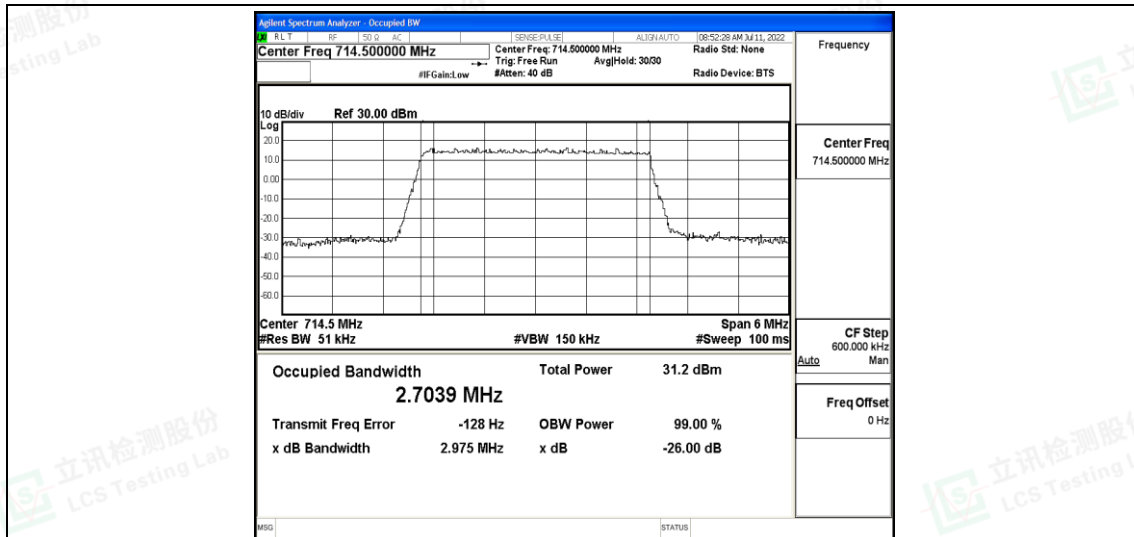
Band12-3MHz-QPSK-23095-15RB#0



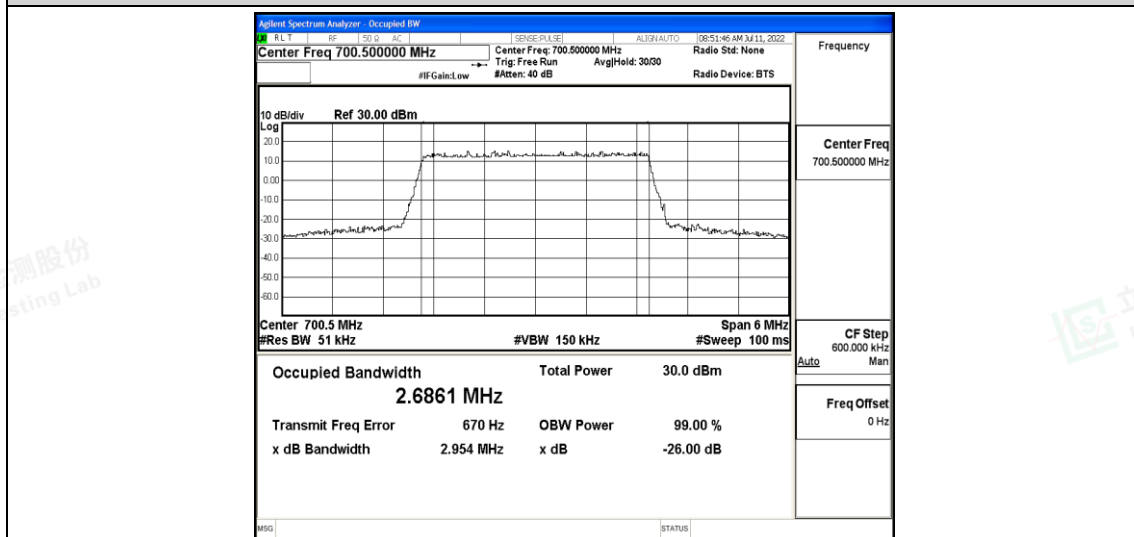
Band12-3MHz-QPSK-23165-15RB#0



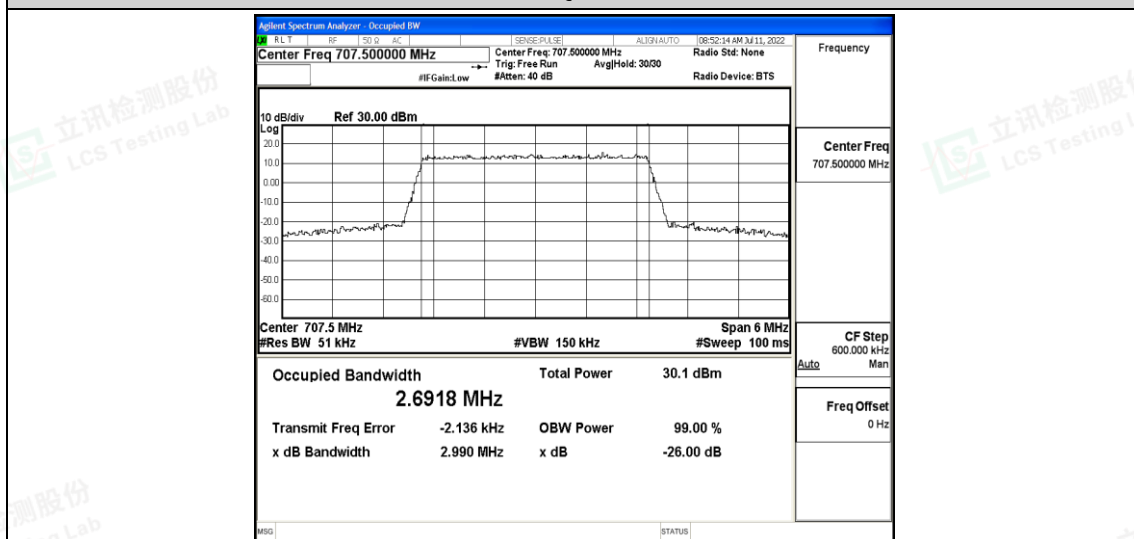
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Band12-3MHz-16QAM-23025-15RB#0



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



Band12-3MHz-16QAM-23165-15RB#0

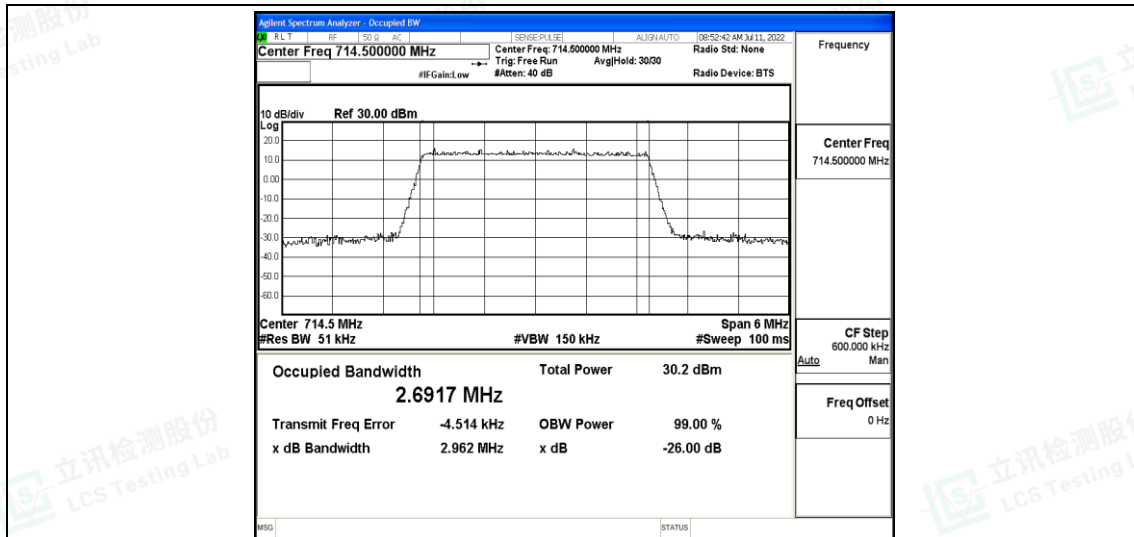


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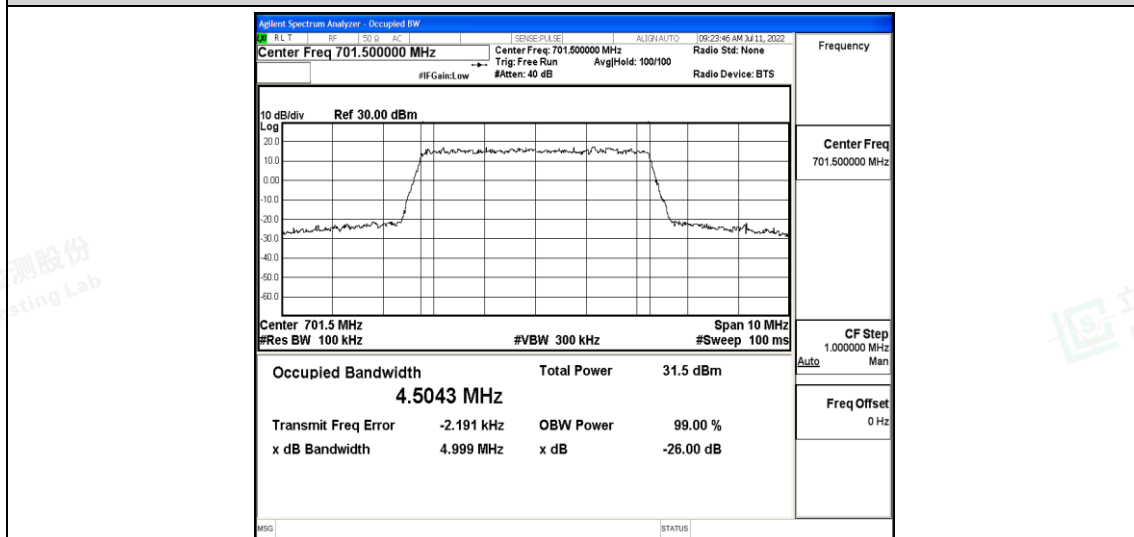
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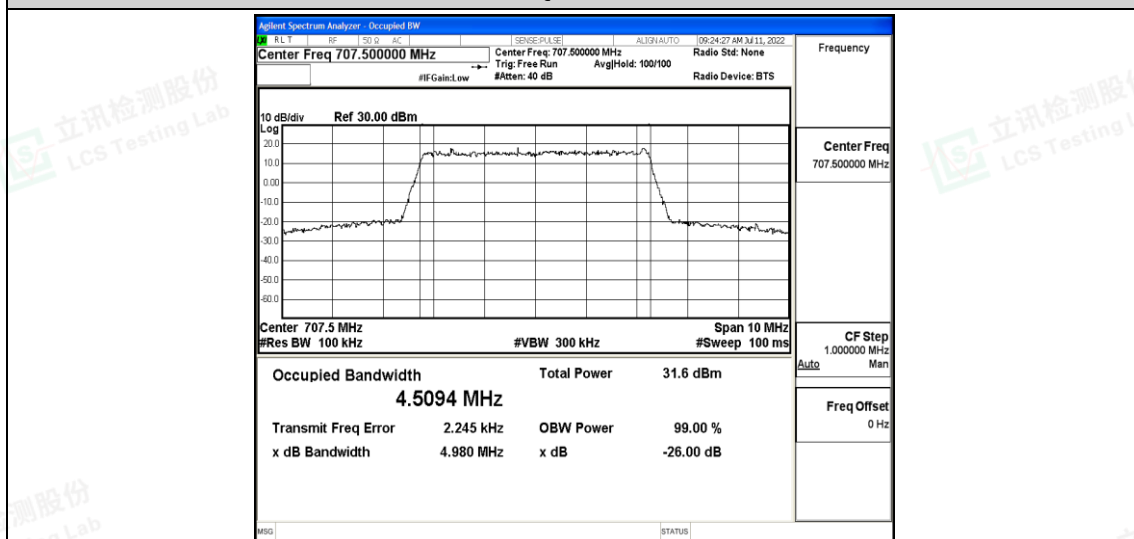
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Band12-5MHz-QPSK-23035-25RB#0



Band12-5MHz-QPSK-23095-25RB#0



Band12-5MHz-QPSK-23155-25RB#0

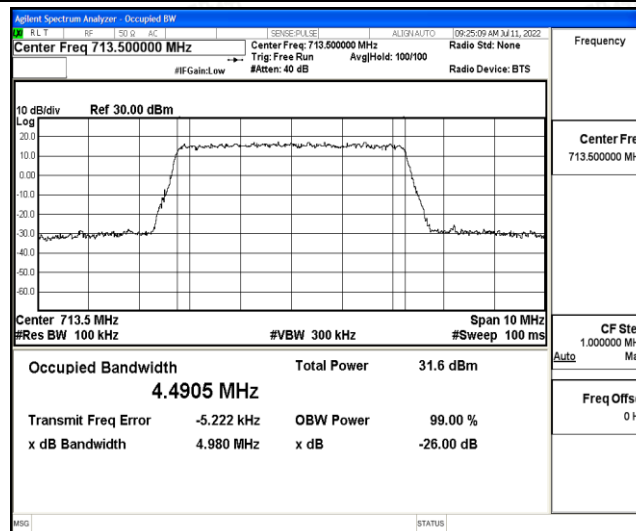


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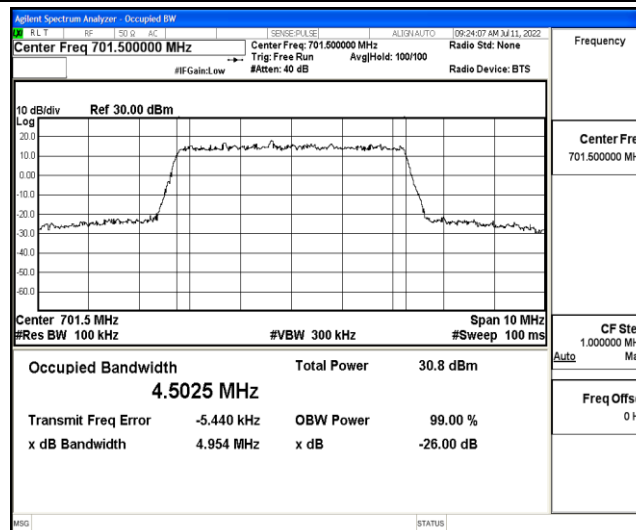
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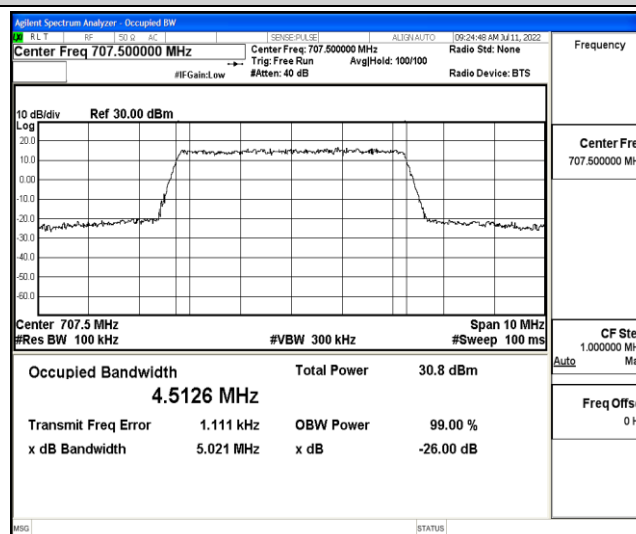
Scan code to check authenticity



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



Band12-5MHz-16QAM-23095-25RB#0



Band12-5MHz-16QAM-23155-25RB#0

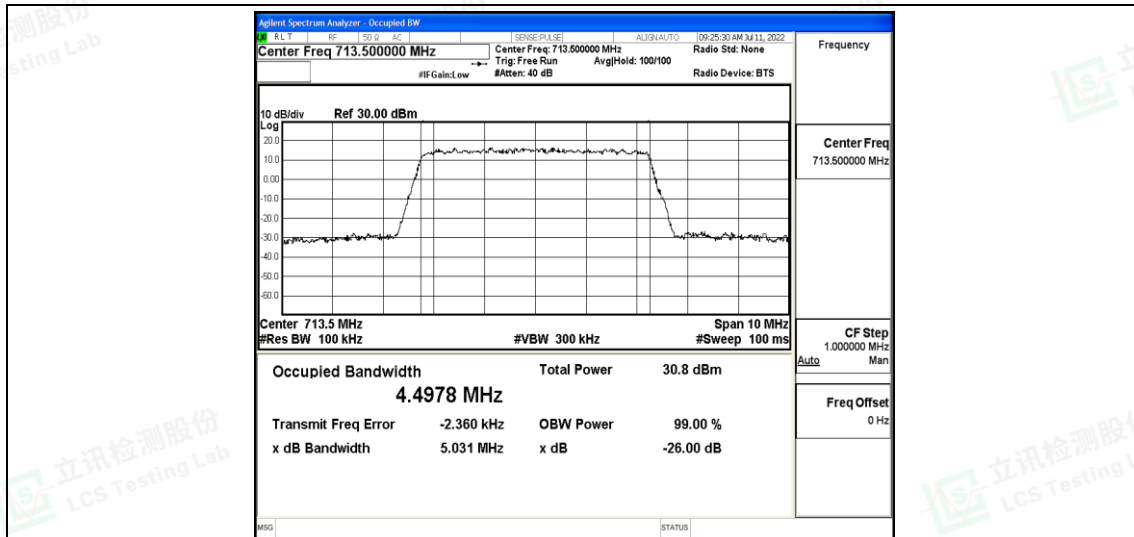


Shenzhen LCS Compliance Testing Laboratory Ltd.

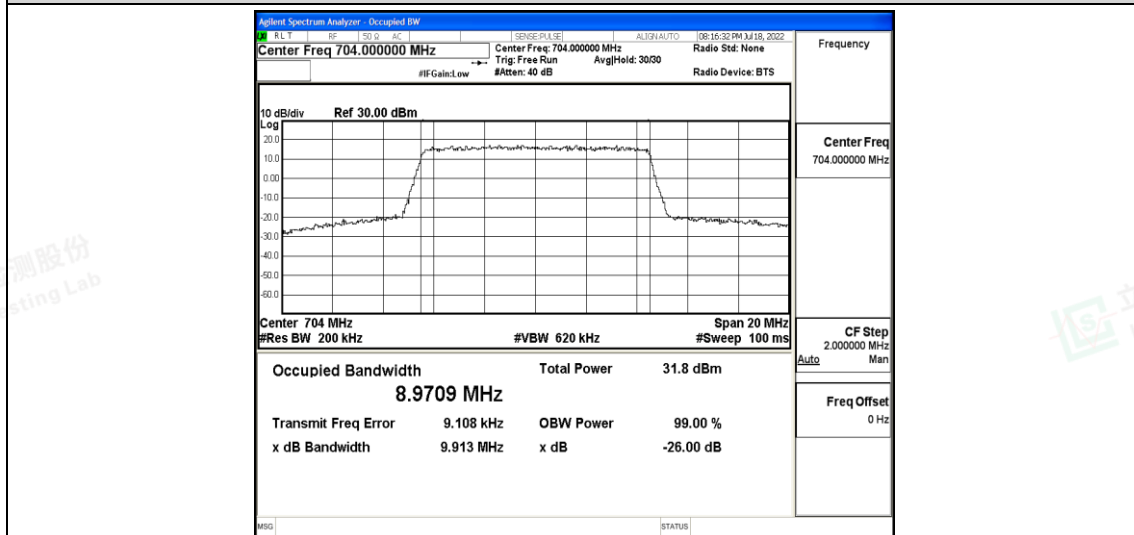
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

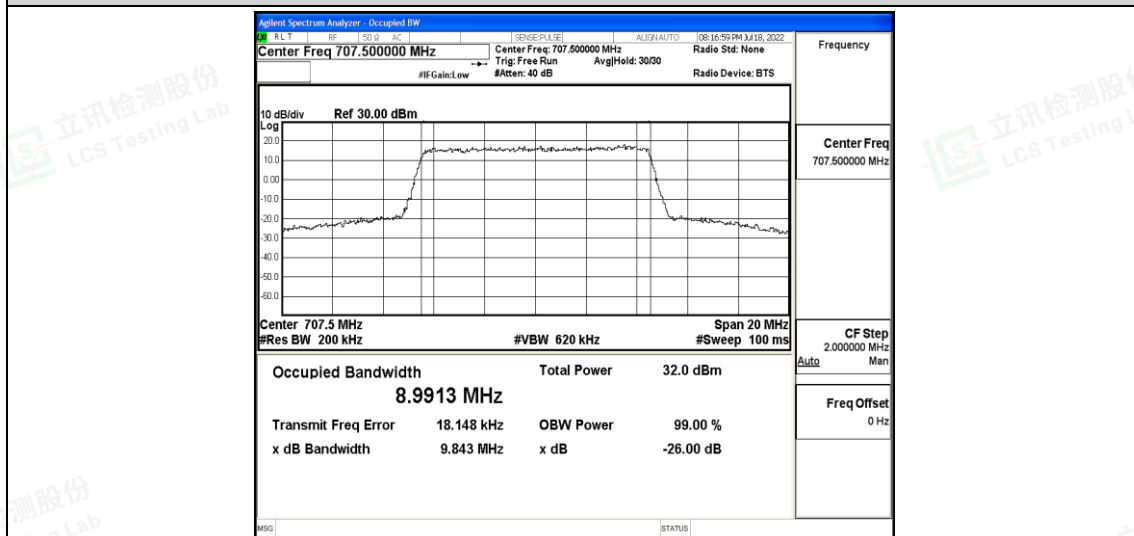
Scan code to check authenticity



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



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



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

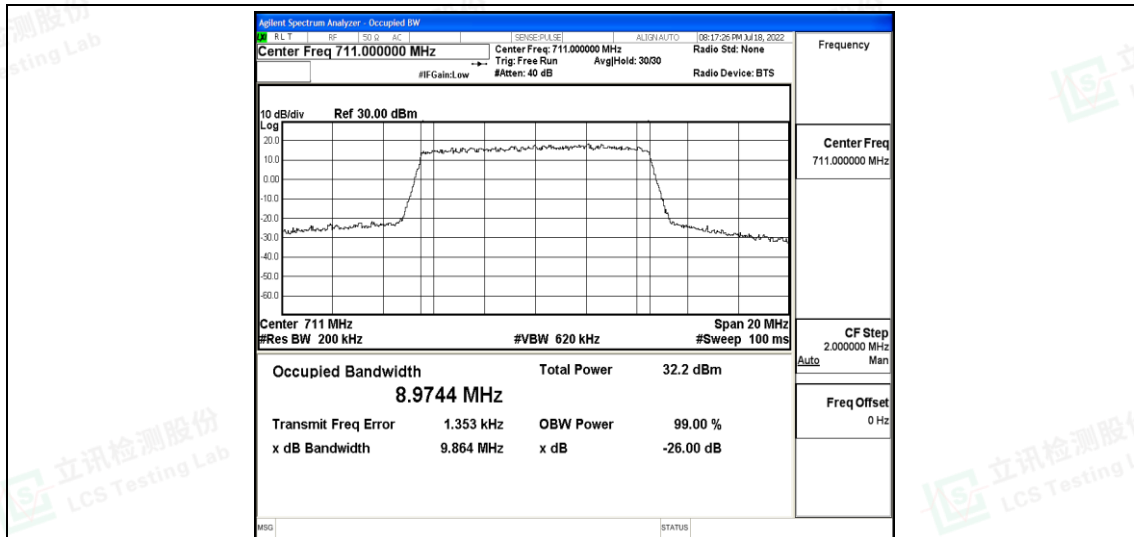


Shenzhen LCS Compliance Testing Laboratory Ltd.

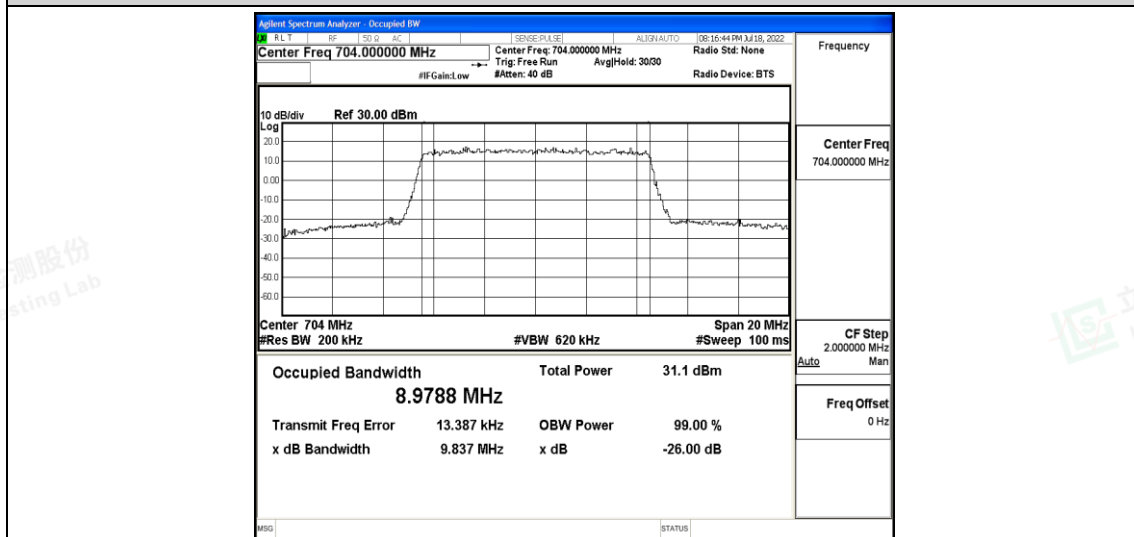
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

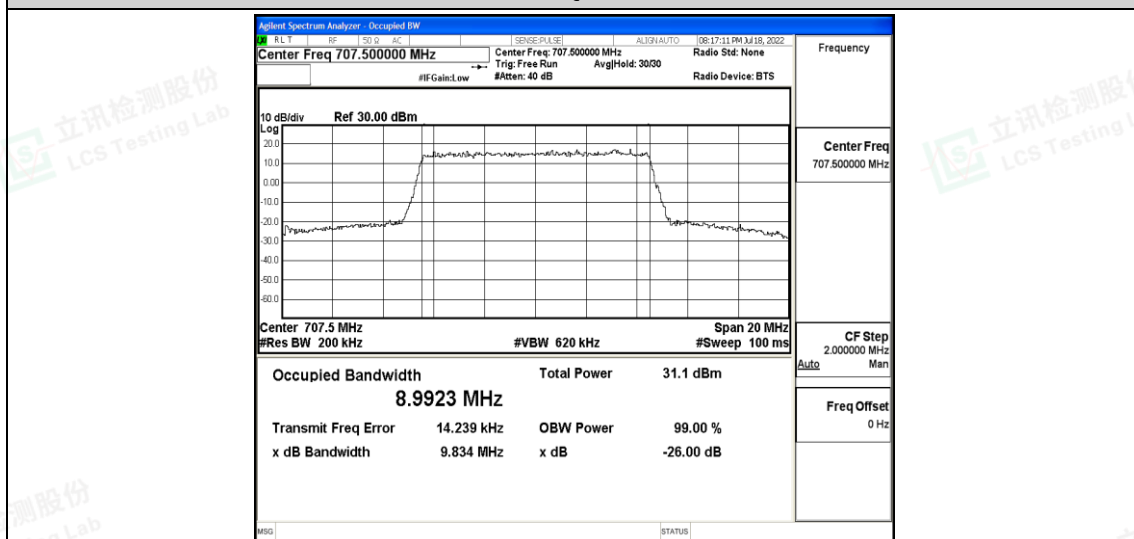
Scan code to check authenticity



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



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



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

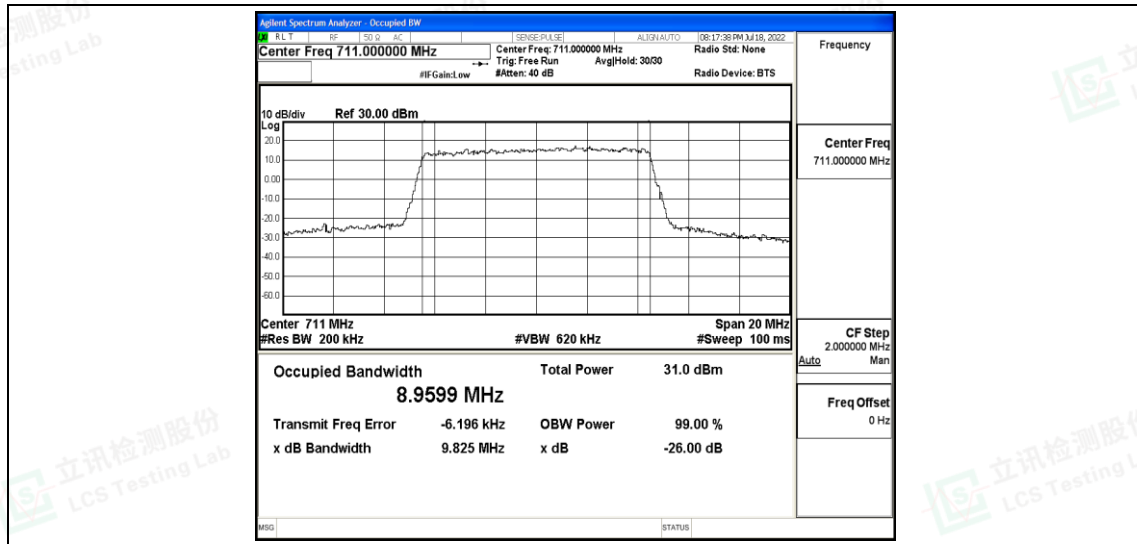


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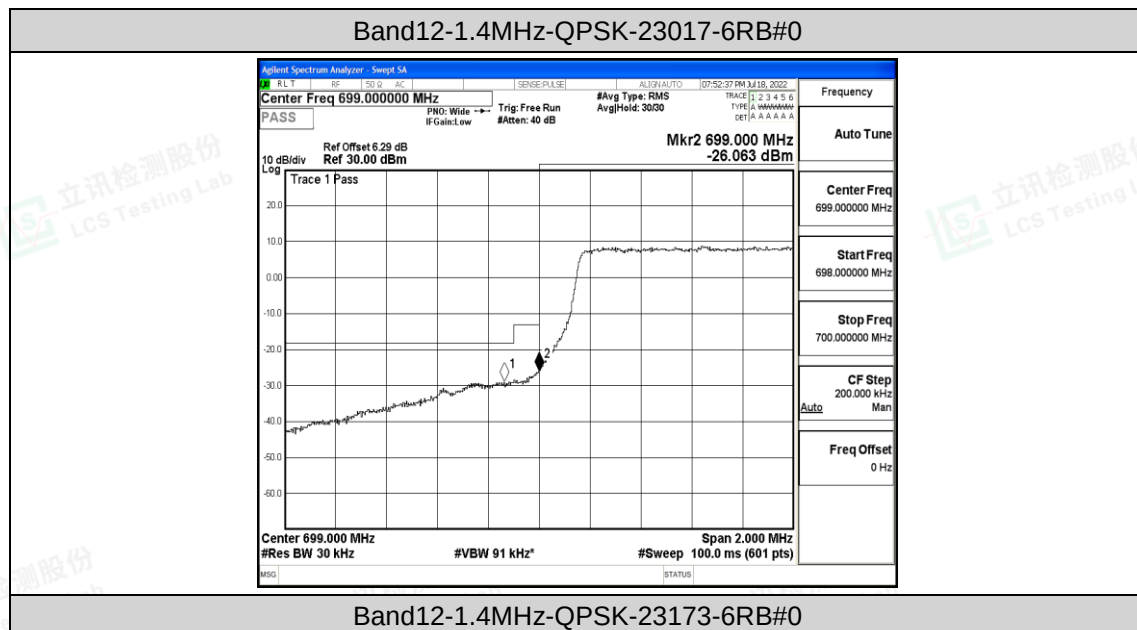


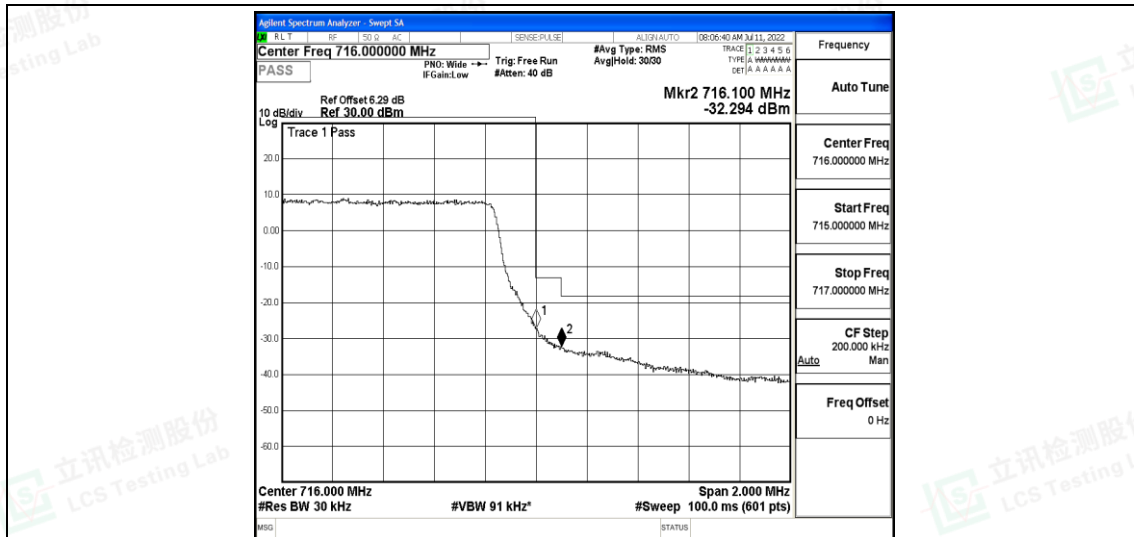
H.4 Band Edge

Test Result

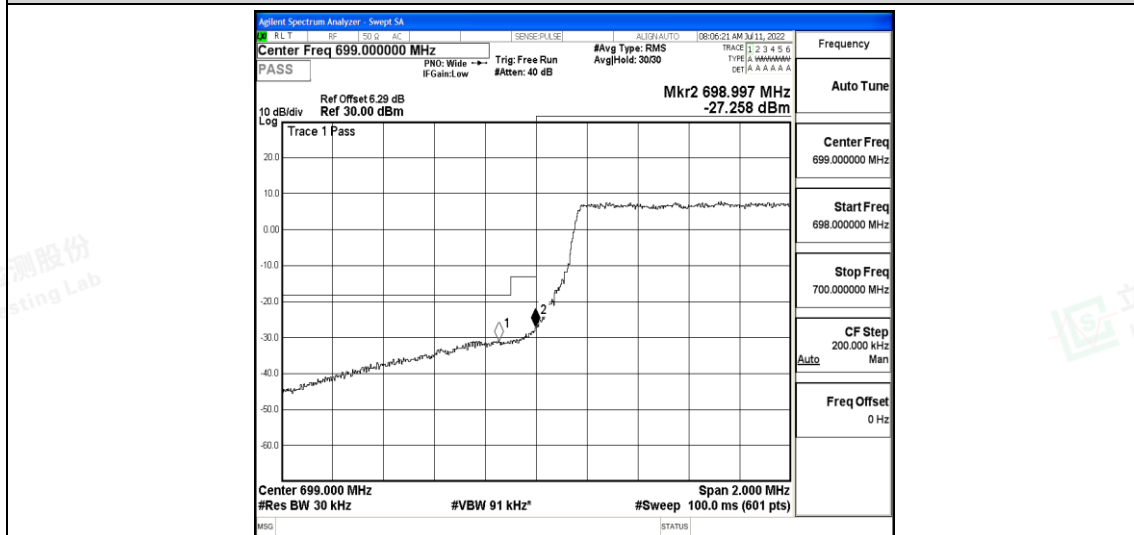
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-28.99,-26.06	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-27.25,-32.29	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-30.92,-27.26	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-28.80,-33.56	PASS
Band12	3MHz	QPSK	23025	15RB#0	-30.60,-24.41	PASS
Band12	3MHz	QPSK	23165	15RB#0	-25.68,-34.74	PASS
Band12	3MHz	16QAM	23025	15RB#0	-32.14,-26.52	PASS
Band12	3MHz	16QAM	23165	15RB#0	-26.78,-36.03	PASS
Band12	5MHz	QPSK	23035	25RB#0	-24.50	PASS
Band12	5MHz	QPSK	23155	25RB#0	-25.83	PASS
Band12	5MHz	16QAM	23035	25RB#0	-25.94	PASS
Band12	5MHz	16QAM	23155	25RB#0	-26.59	PASS
Band12	10MHz	QPSK	23060	50RB#0	-28.55,-27.29	PASS
Band12	10MHz	QPSK	23130	50RB#0	-27.94,-29.63	PASS
Band12	10MHz	16QAM	23060	50RB#0	-30.37,-29.28	PASS
Band12	10MHz	16QAM	23130	50RB#0	-29.39,-31.06	PASS

Test Graphs

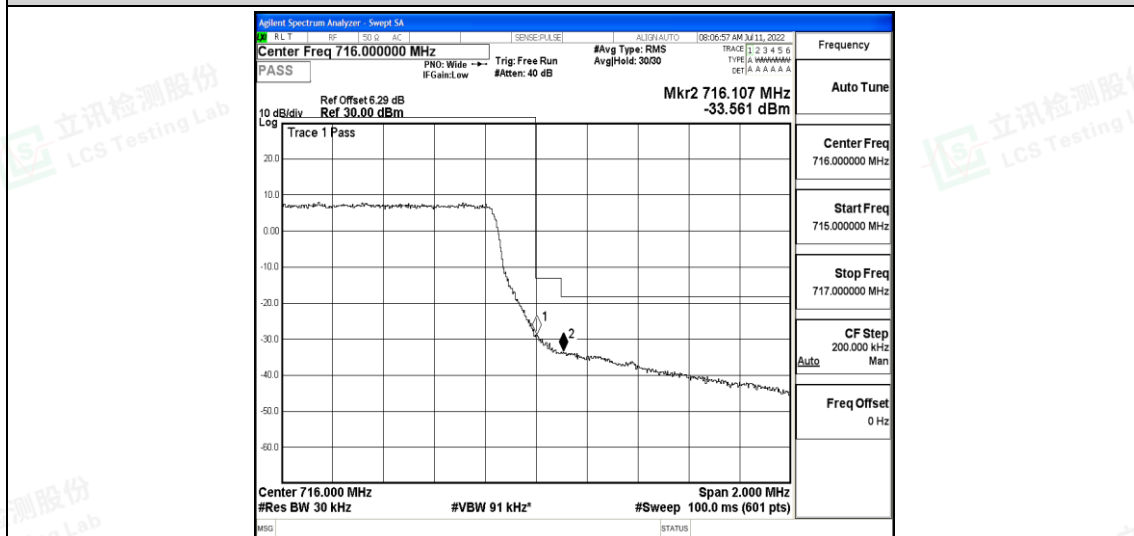




Band12-1.4MHz-16QAM-23017-6RB#0

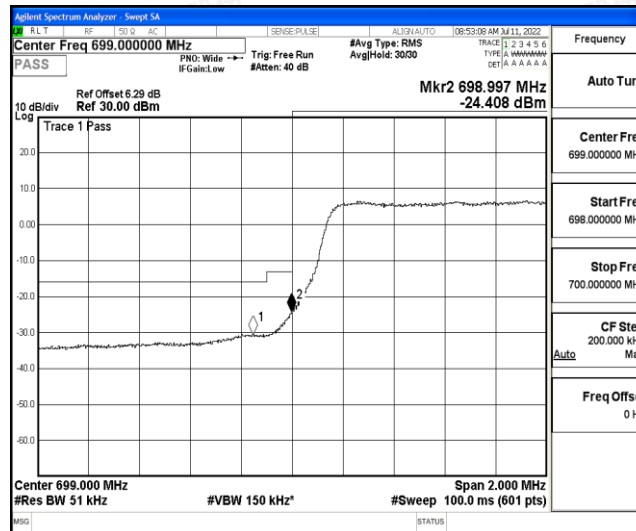


Band12-1.4MHz-16QAM-23173-6RB#0

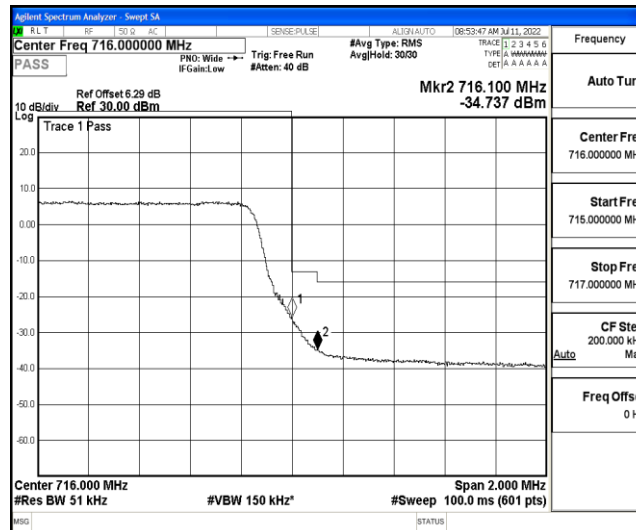


Band12-3MHz-QPSK-23025-15RB#0

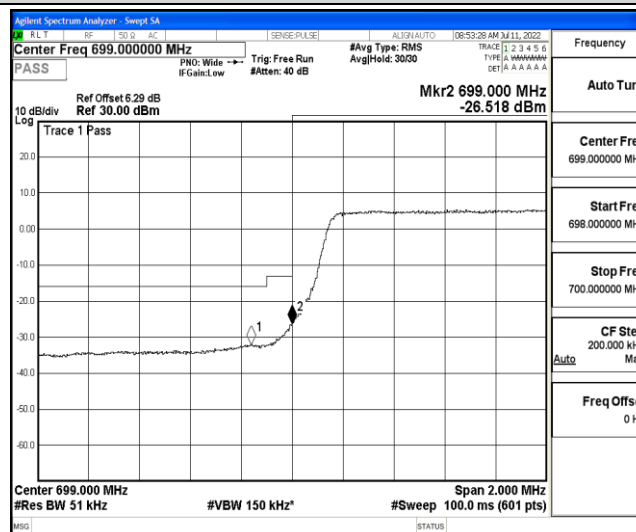




Band12-3MHz-QPSK-23165-15RB#0

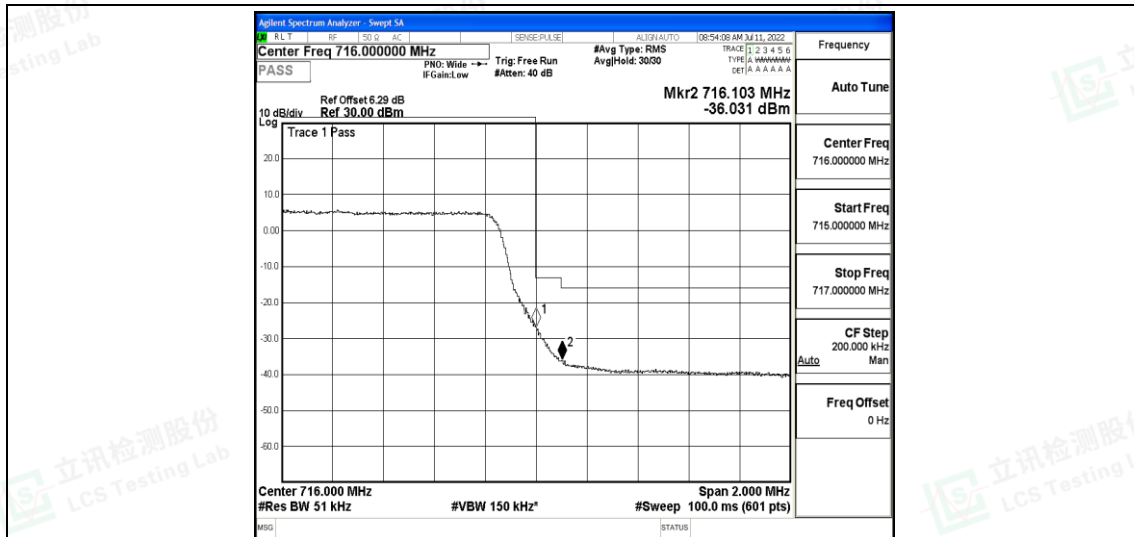


Band12-3MHz-16QAM-23025-15RB#0

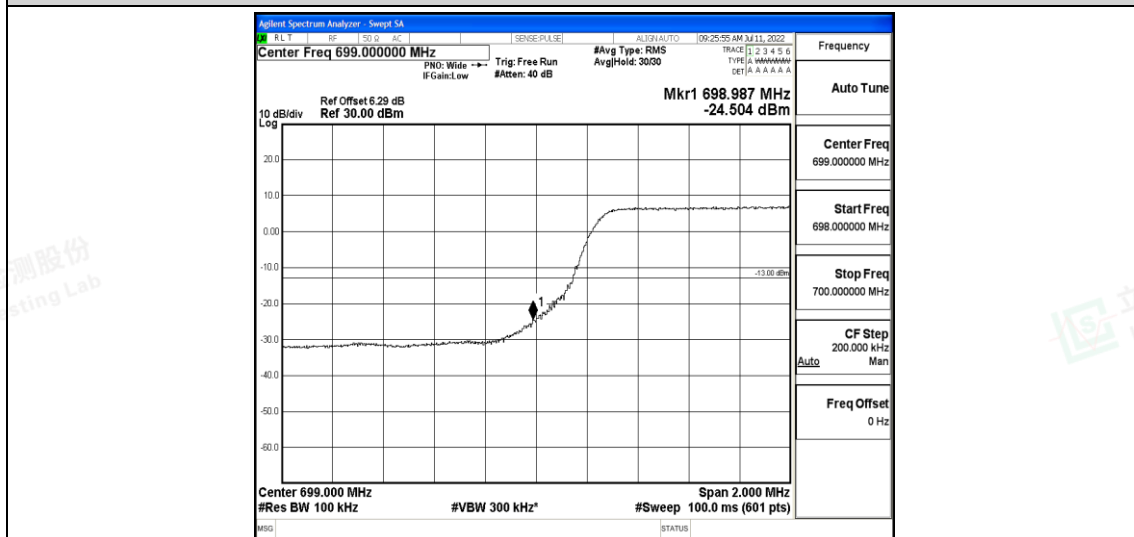


Band12-3MHz-16QAM-23165-15RB#0

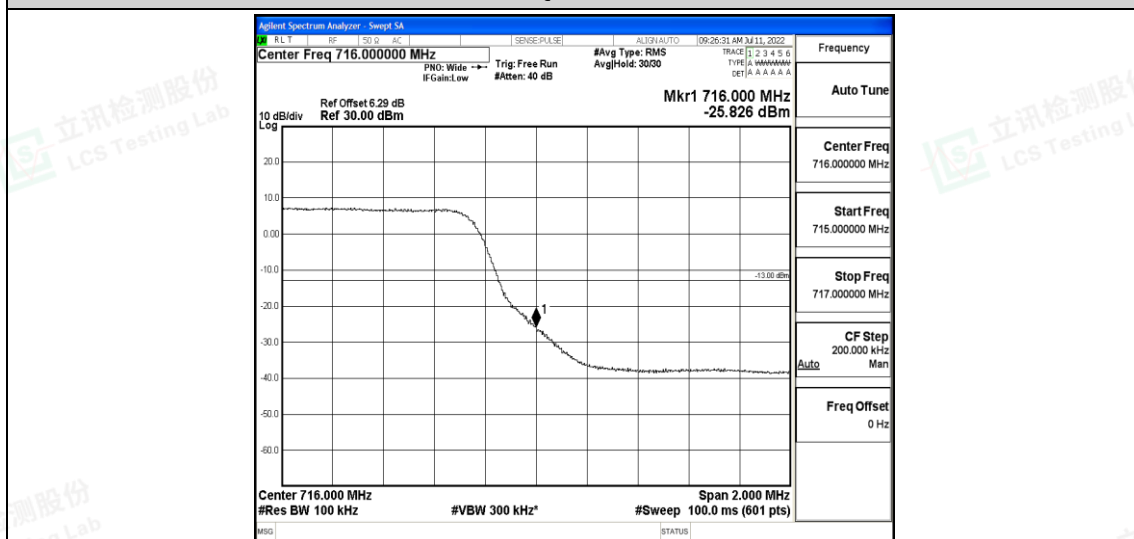




Band12-5MHz-QPSK-23035-25RB#0

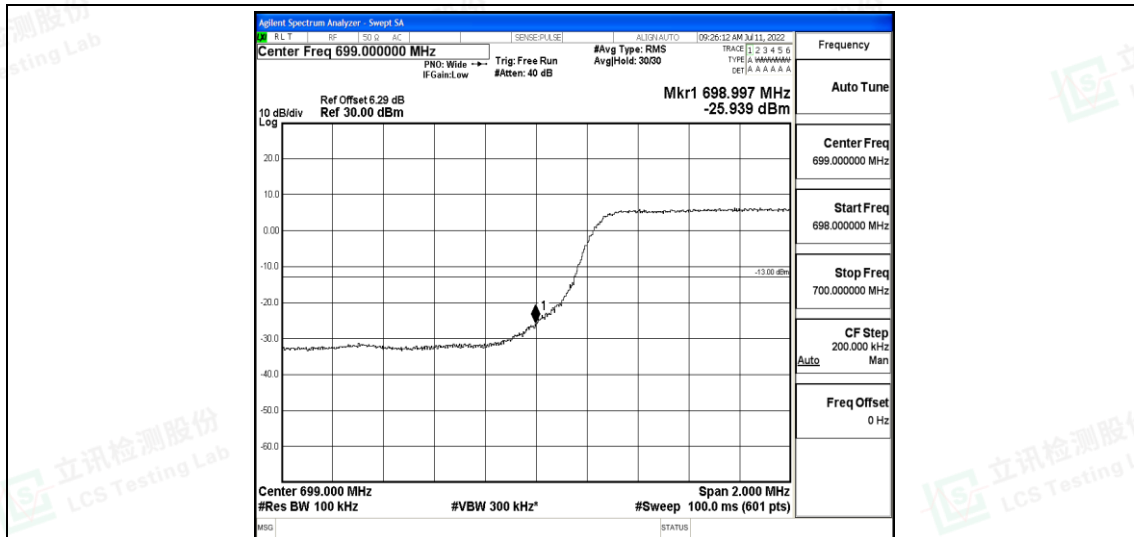


Band12-5MHz-QPSK-23155-25RB#0

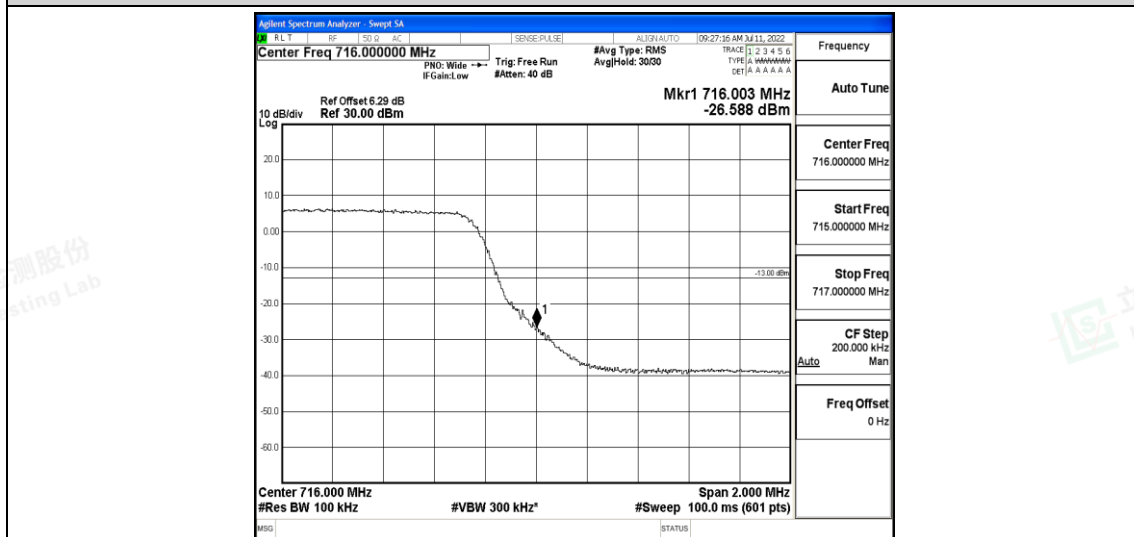


Band12-5MHz-16QAM-23035-25RB#0

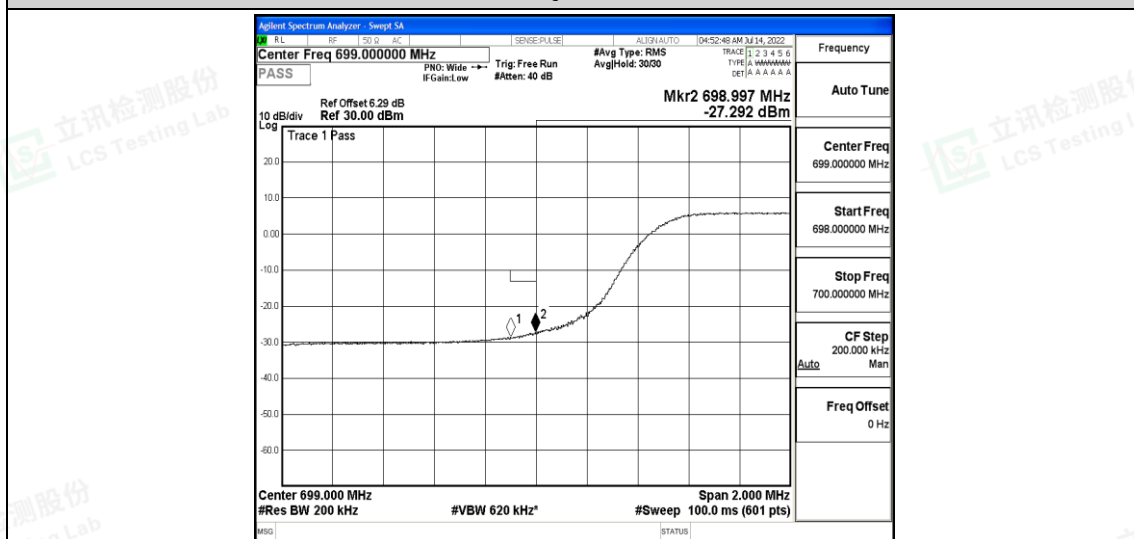




Band12-5MHz-16QAM-23155-25RB#0

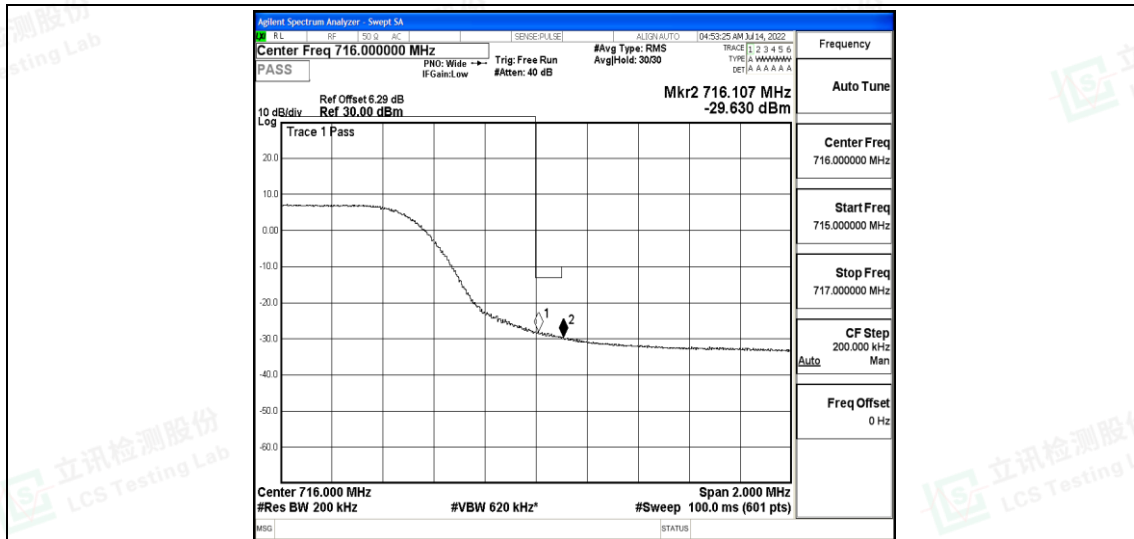


Band12-10MHz-QPSK-23060-50RB#0

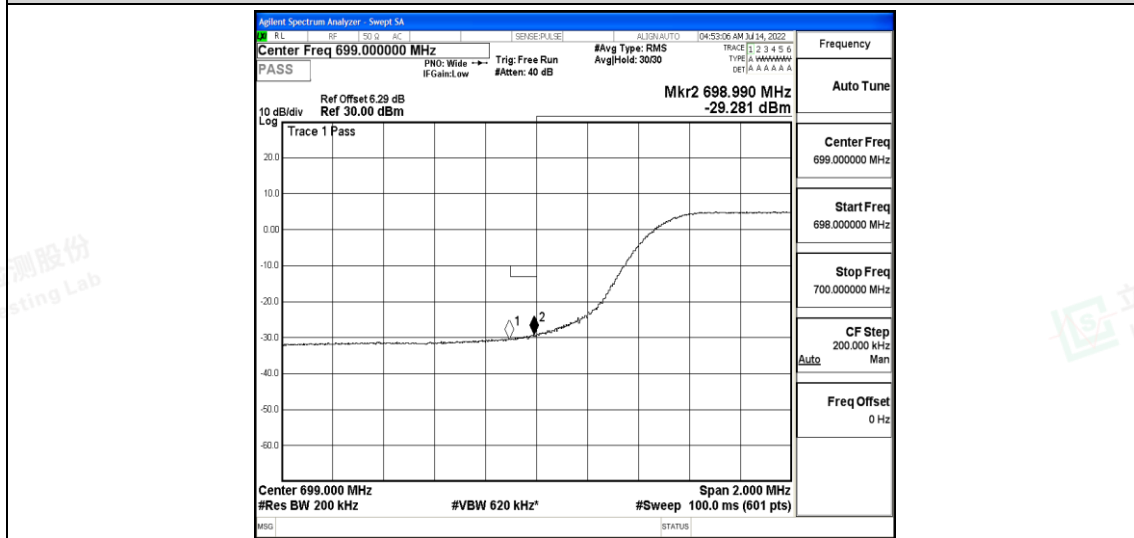


Band12-10MHz-QPSK-23130-50RB#0

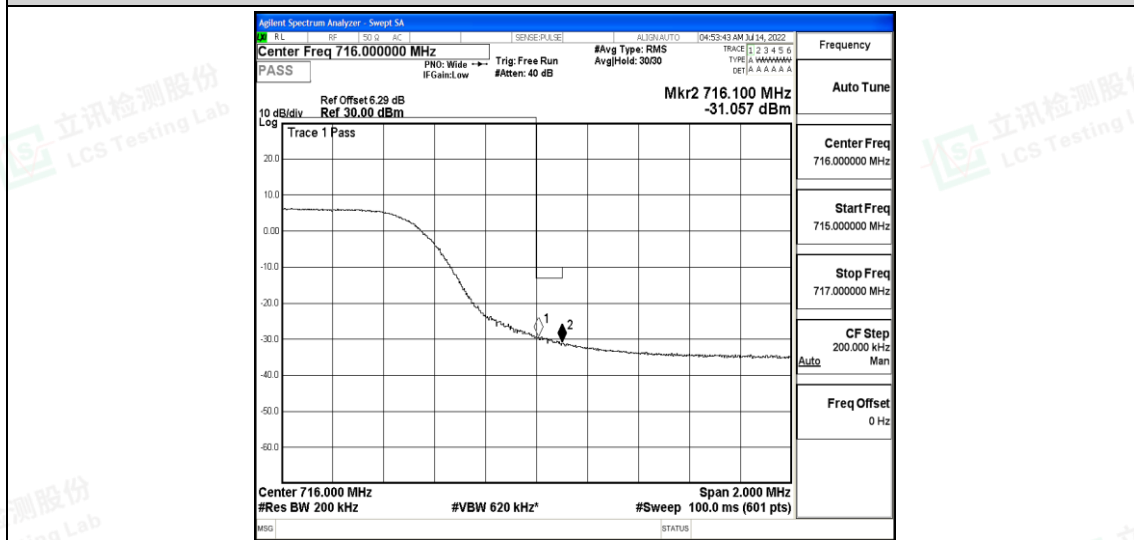




Band12-10MHz-16QAM-23060-50RB#0



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





H.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:0.009~0.15MHz	-54.16	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:0.15~30MHz	-51.99	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range3:30~1000MHz	-39.9	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range4:1000~10000MHz	-44.92	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.63	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-52.41	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.68	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.83	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:0.009~0.15MHz	-56.01	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:0.15~30MHz	-49.54	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range3:30~1000MHz	-39.57	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:0.009~0.15MHz	-54.74	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:0.15~30MHz	-51.38	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range3:30~1000MHz	-39.95	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.43	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-49.56	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-39.72	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.74	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:0.009~0.15MHz	-55.53	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:0.15~30MHz	-51.01	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range3:30~1000MHz	-41.27	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:0.009~0.15MHz	-55.07	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:0.15~30MHz	-49.95	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range3:30~1000MHz	-40.54	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.91	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.5	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-41.19	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:0.009~0.15MHz	-55.09	PASS



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Band12	3MHz	QPSK	23165	1RB#0	Range2:0.15~30MHz	-51.66	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range3:30~1000MHz	-40.99	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range4:1000~10000MHz	-45.04	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:0.009~0.15MHz	-56.66	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:0.15~30MHz	-50.99	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range3:30~1000MHz	-40.59	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-54.72	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-49.99	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-41.13	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:0.009~0.15MHz	-52.84	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:0.15~30MHz	-52.25	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range3:30~1000MHz	-41.71	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range4:1000~10000MHz	-44.83	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:0.009~0.15MHz	-55.52	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:0.15~30MHz	-51.75	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range3:30~1000MHz	-41.44	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.54	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-50.27	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.59	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:0.009~0.15MHz	-55.04	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:0.15~30MHz	-48.91	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range3:30~1000MHz	-40.83	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:0.009~0.15MHz	-54.05	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:0.15~30MHz	-51.41	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range3:30~1000MHz	-41.02	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range4:1000~10000MHz	-44.94	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-56.87	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-49.98	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.58	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:0.009~0.15MHz	-56.15	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:0.15~30MHz	-51.55	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range3:30~1000MHz	-40.74	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:0.009~0.15MHz	-55.83	PASS



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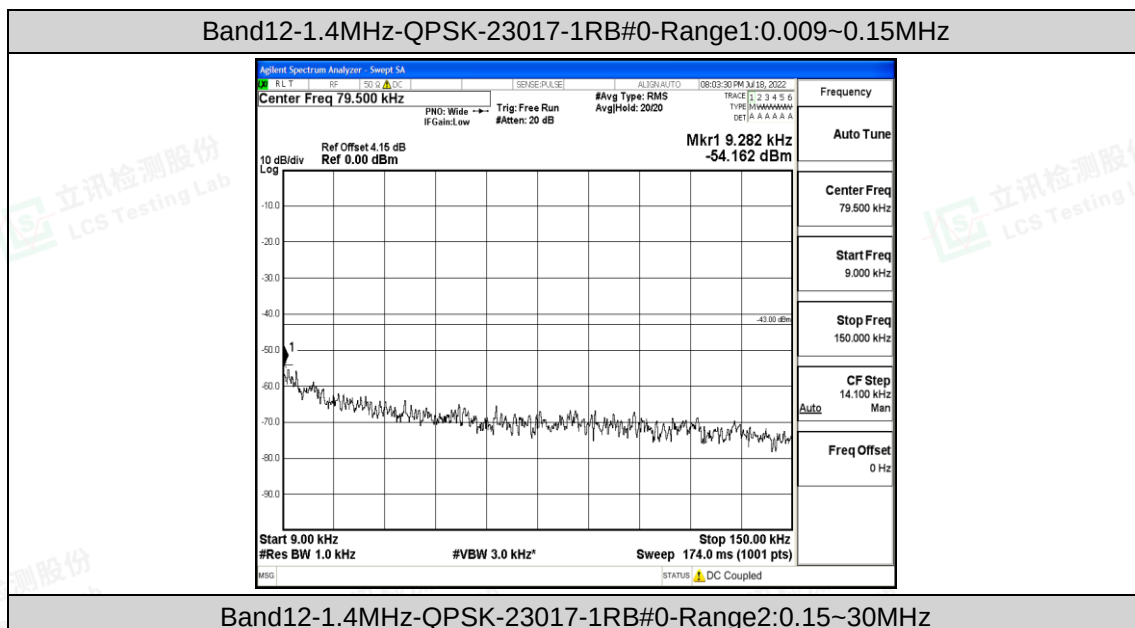
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

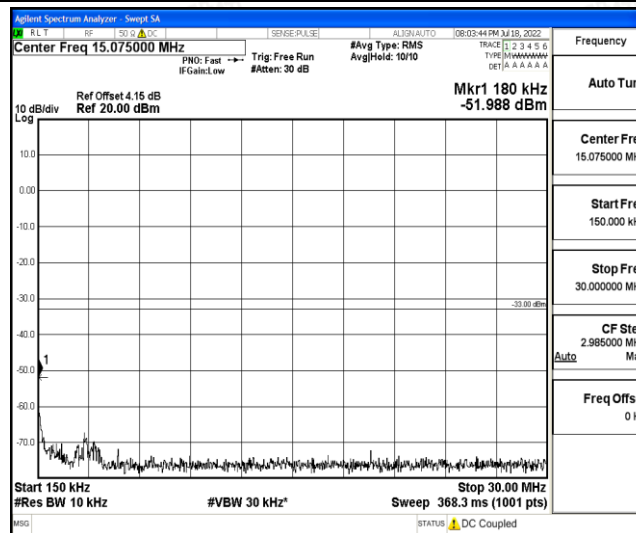
Scan code to check authenticity



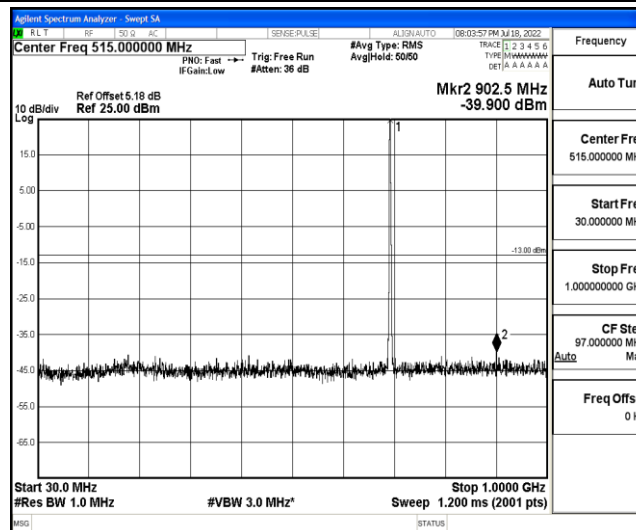
Band12	10MHz	QPSK	23060	1RB#0	Range2:0.15~30MHz	-51.6	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range3:30~1000MHz	-41.06	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range4:1000~10000MHz	-44.8	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.56	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-49.96	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.74	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:0.009~0.15MHz	-55.76	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:0.15~30MHz	-51.17	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range3:30~1000MHz	-41	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range4:1000~10000MHz	-44.81	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:0.009~0.15MHz	-56.08	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:0.15~30MHz	-49.26	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range3:30~1000MHz	-39.98	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range4:1000~10000MHz	-44.94	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.53	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-50.94	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.6	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.84	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:0.009~0.15MHz	-54.22	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:0.15~30MHz	-49.47	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range3:30~1000MHz	-40.24	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range4:1000~10000MHz	-44.82	PASS

Test Graphs

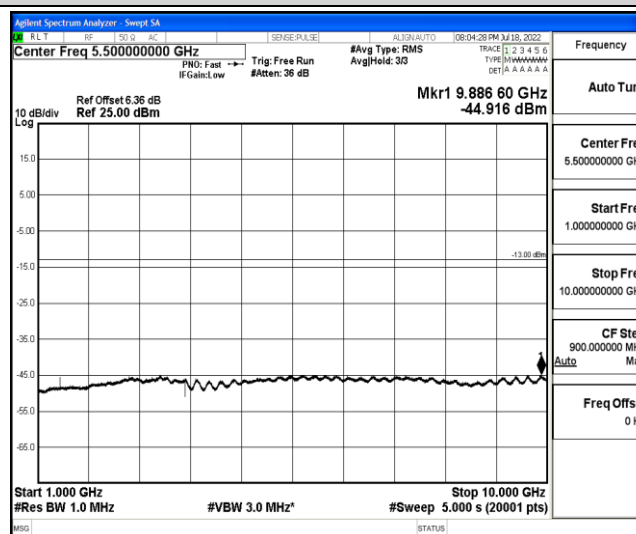




Band12-1.4MHz-QPSK-23017-1RB#0-Range3:30~1000MHz

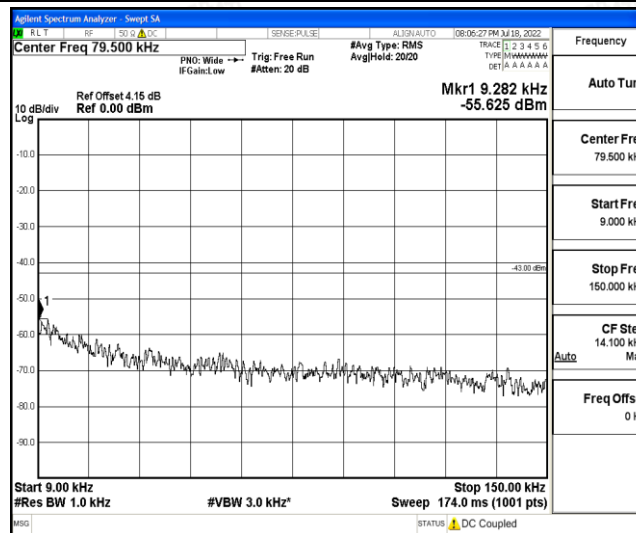


Band12-1.4MHz-QPSK-23017-1RB#0-Range4:1000~10000MHz

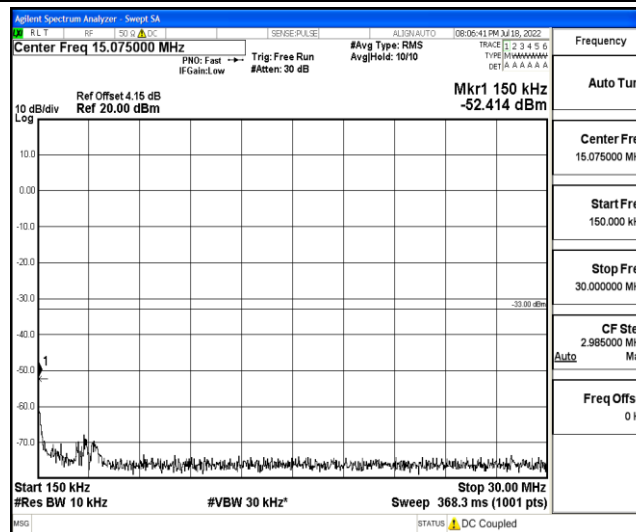


Band12-1.4MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz

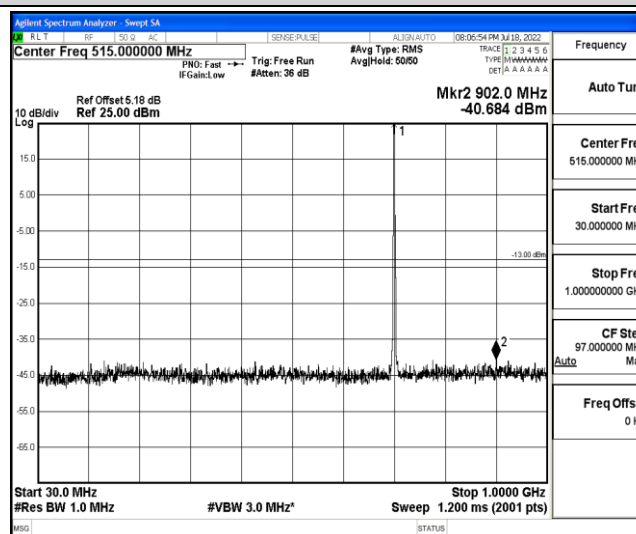




Band12-1.4MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



Band12-1.4MHz-QPSK-23095-1RB#0-Range3:30~1000MHz



Band12-1.4MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



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