



Appendix I: Test Data for E-UTRA Band 12

Product Name: NFC Android Reader

Test Model: FX335

Environmental Conditions

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



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Scan code to check authenticity



I.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.93	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.90	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.85	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.85	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.86	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.82	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.96	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.85	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.80	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	22.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.65	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.66	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.06	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.42	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.49	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.36	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.57	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.44	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.54	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.72	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.12	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.61	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.61	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.49	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.49	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.96	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.10	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.74	PASS





Band12	1.4MHz	16QAM	23095	1RB#5	21.72	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	21.56	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	21.61	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.80	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.17	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.06	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.98	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.42	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.47	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.45	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.63	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.01	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.97	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.02	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.97	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.98	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.98	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.99	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.84	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.78	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.54	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.73	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.74	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.81	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.86	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.64	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.51	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.41	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.60	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.60	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.62	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.66	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.87	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.88	PASS





Band12	3MHz	16QAM	23025	1RB#14	21.81	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.30	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.23	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.23	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.20	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.79	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.73	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.18	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.07	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.16	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.96	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.14	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.09	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.56	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.09	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.07	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.91	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.80	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.84	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.79	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.78	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.03	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.02	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.84	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.98	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.54	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.56	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.63	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.76	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.63	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.84	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.88	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.85	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.68	PASS





Band12	5MHz	QPSK	23155	1RB#24	22.71	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.72	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.71	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.65	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.84	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.38	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.40	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.28	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.10	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.10	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.07	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.20	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.24	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.18	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.09	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.15	PASS
Band12	5MHz	16QAM	23095	12RB#6	20.90	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.83	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.88	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.57	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.57	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.58	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.68	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.68	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.86	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.90	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.75	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.68	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.58	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.90	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.90	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.88	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.84	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.86	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.75	PASS





Band12	10MHz	QPSK	23095	1RB#49	22.61	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.85	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.90	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.79	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.74	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.60	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.52	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.47	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.51	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.69	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.78	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.81	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.25	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.98	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.87	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.06	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.06	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.92	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.99	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.91	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.80	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.43	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.07	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.08	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.09	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.09	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.64	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.53	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.52	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.05	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.06	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.03	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.00	PASS





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

Test Result

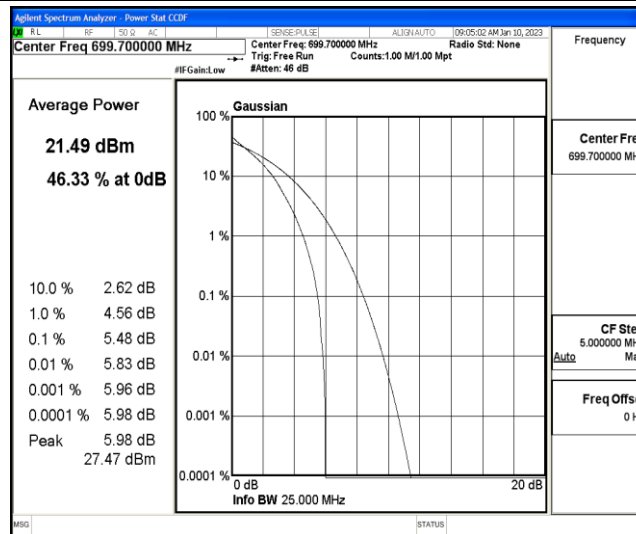
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.48	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.41	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.60	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.09	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.16	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.18	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.54	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.50	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.48	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.26	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.44	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.34	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.62	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.52	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.40	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.27	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.29	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.27	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.39	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.58	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.49	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.25	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.32	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.18	13	PASS



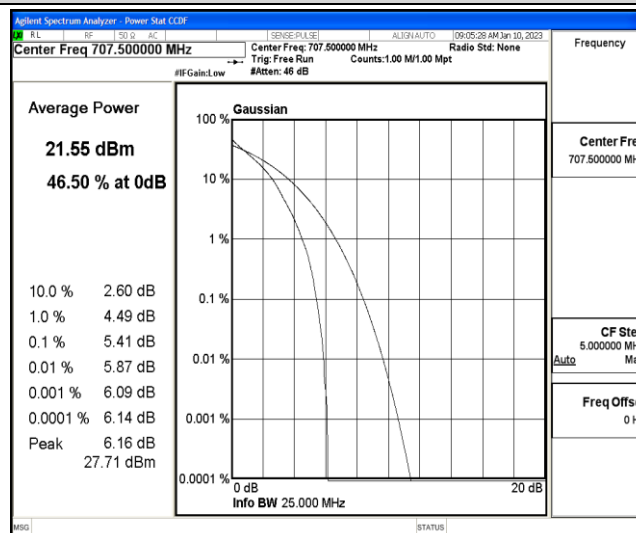


Test Graphs

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

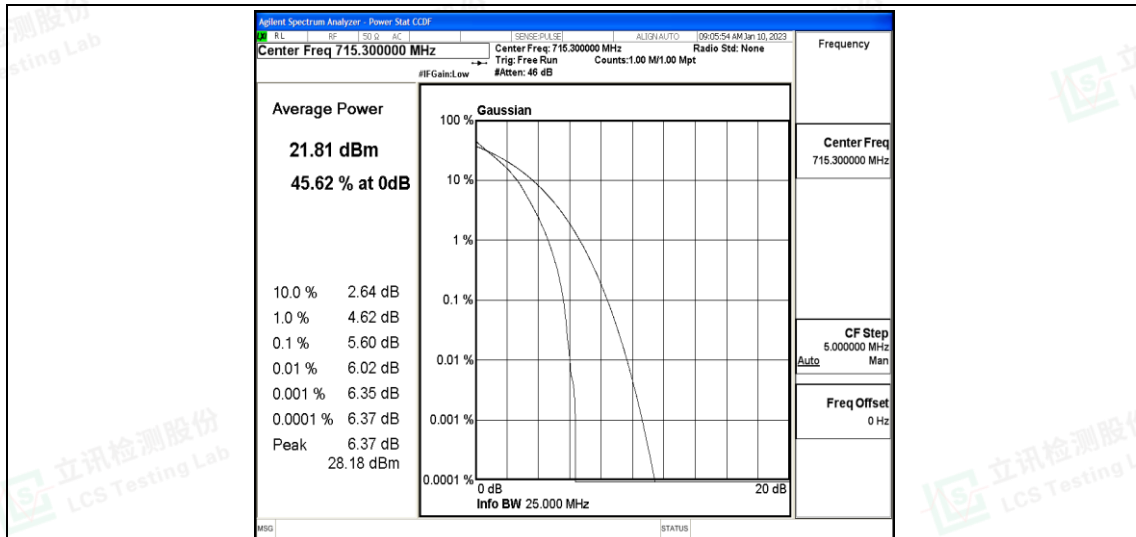


Band12-1.4MHz-QPSK-23095-6RB#0

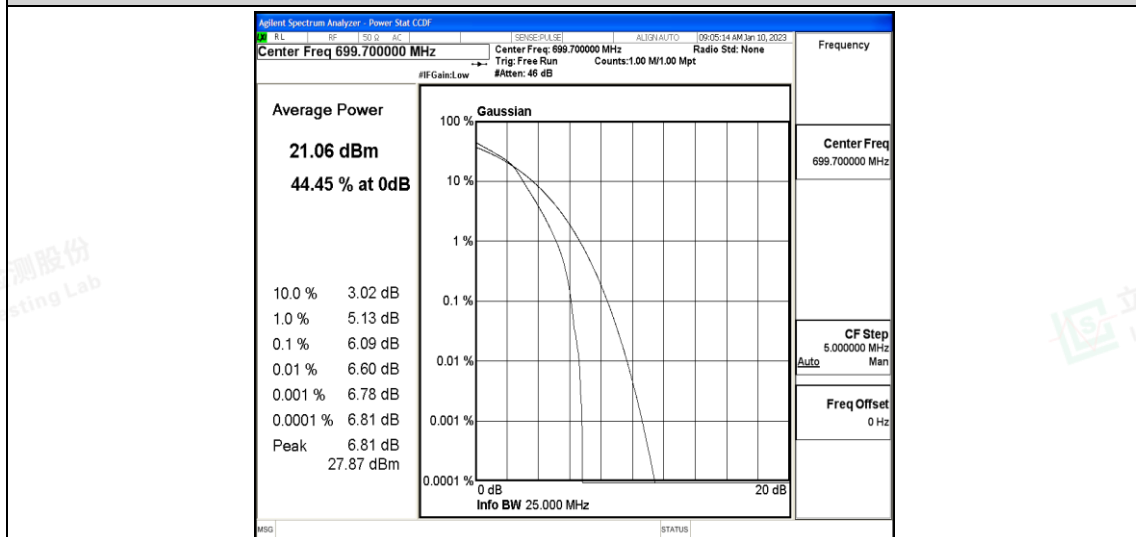


Band12-1.4MHz-QPSK-23173-6RB#0

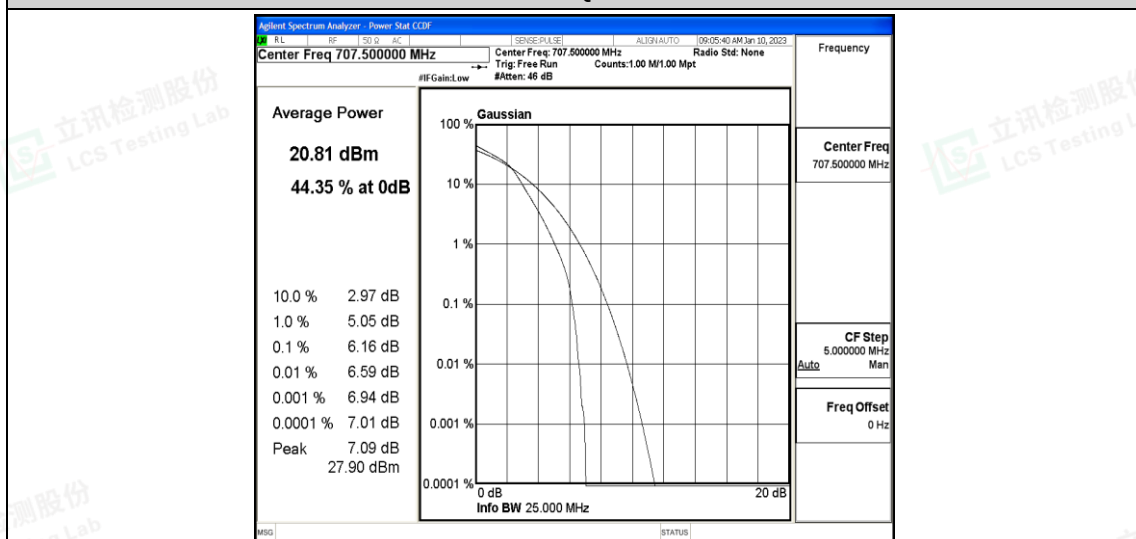




Band12-1.4MHz-16QAM-23017-6RB#0

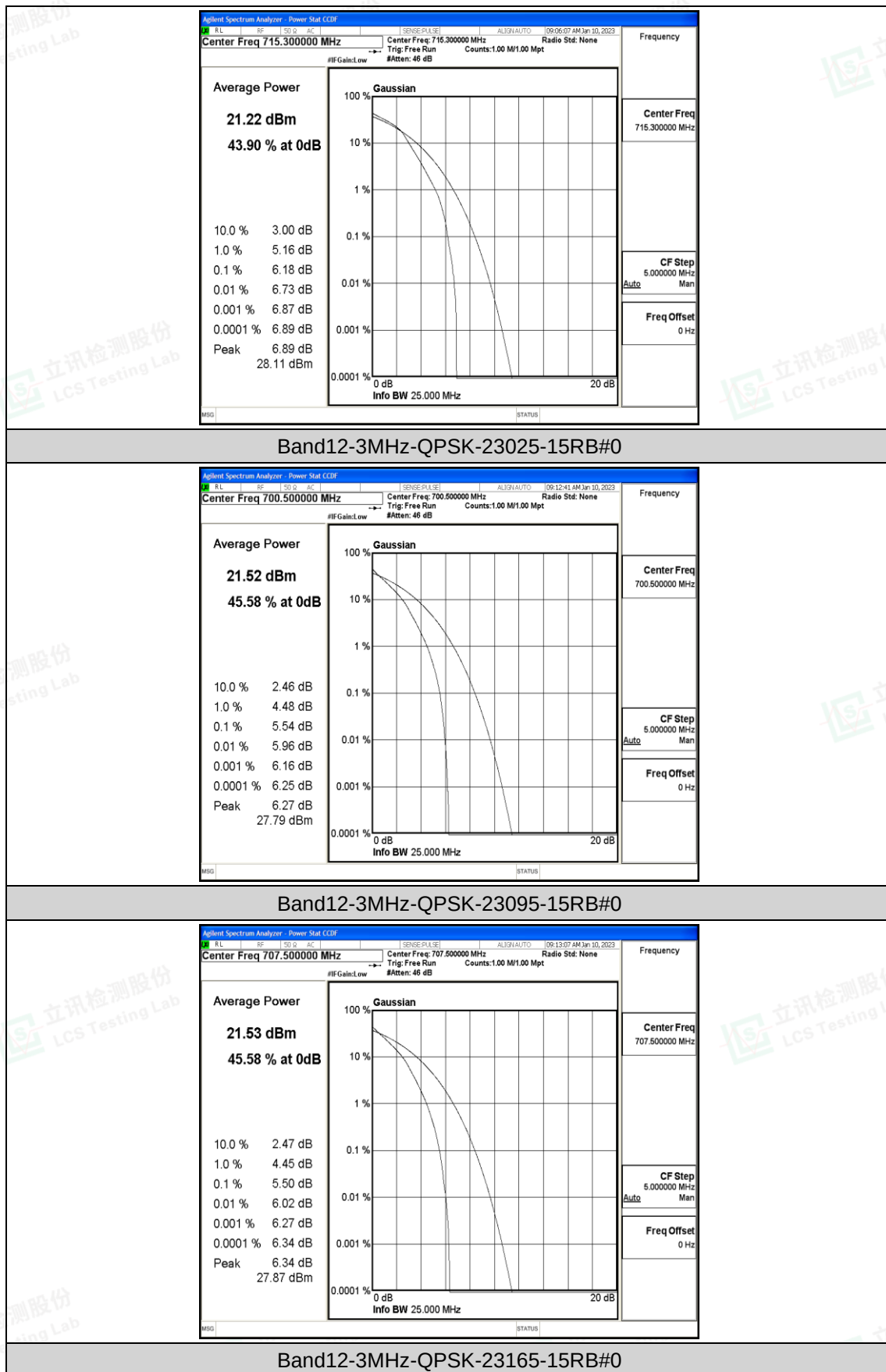


Band12-1.4MHz-16QAM-23095-6RB#0



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



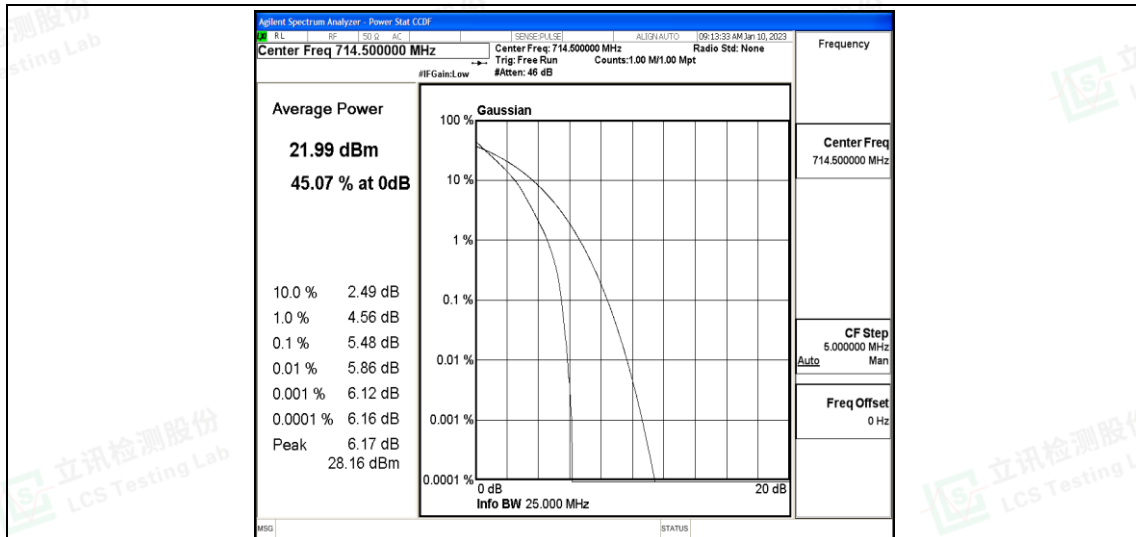


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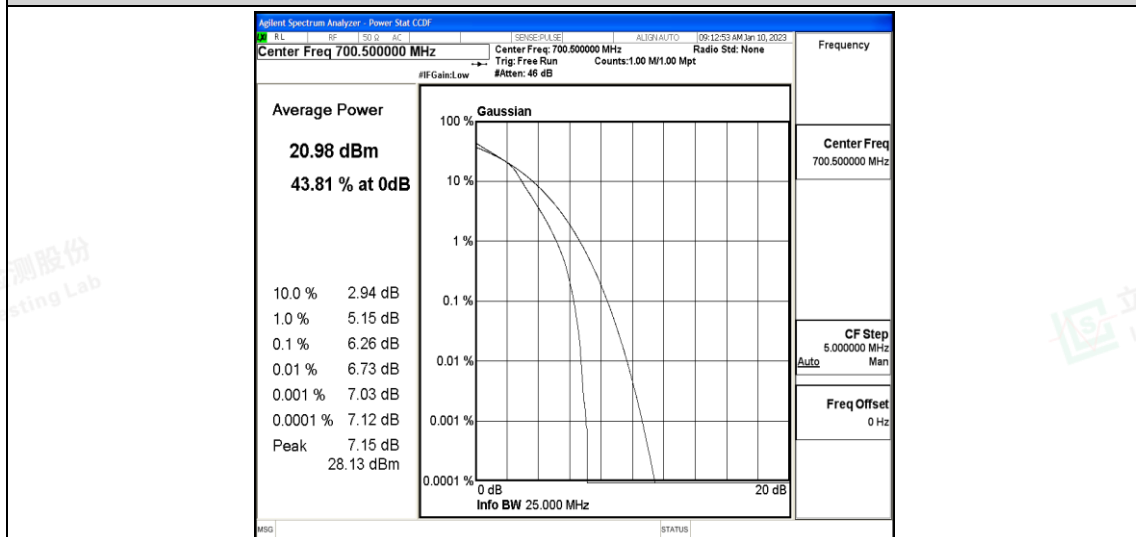
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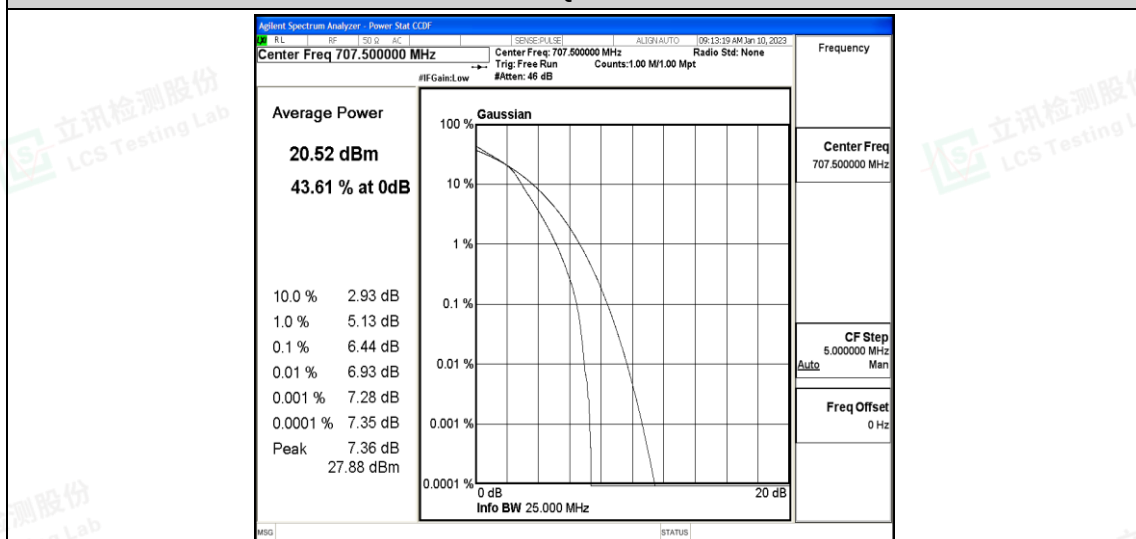
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Band12-3MHz-16QAM-23025-15RB#0

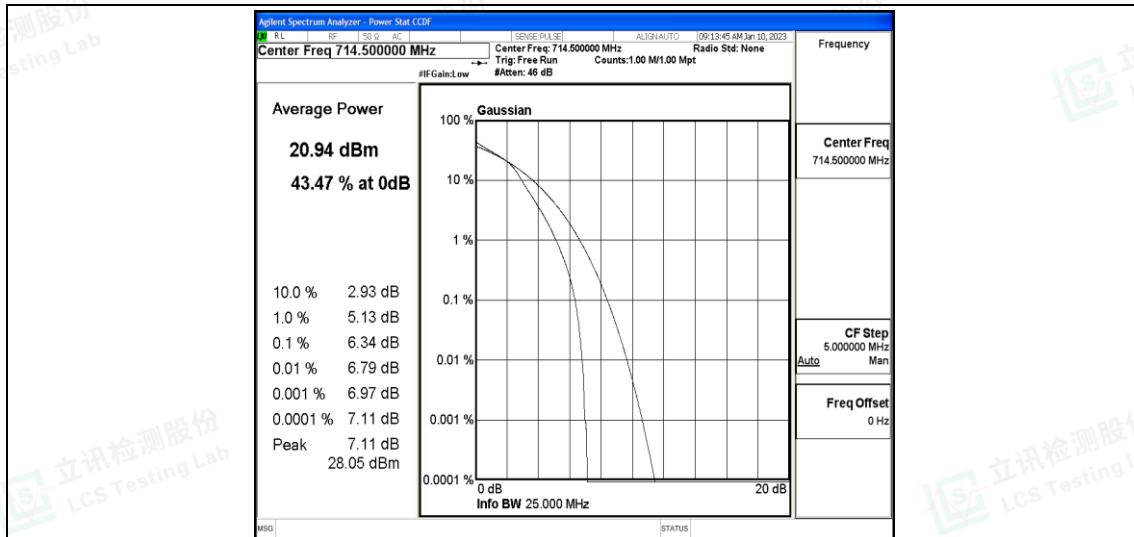


Band12-3MHz-16QAM-23095-15RB#0

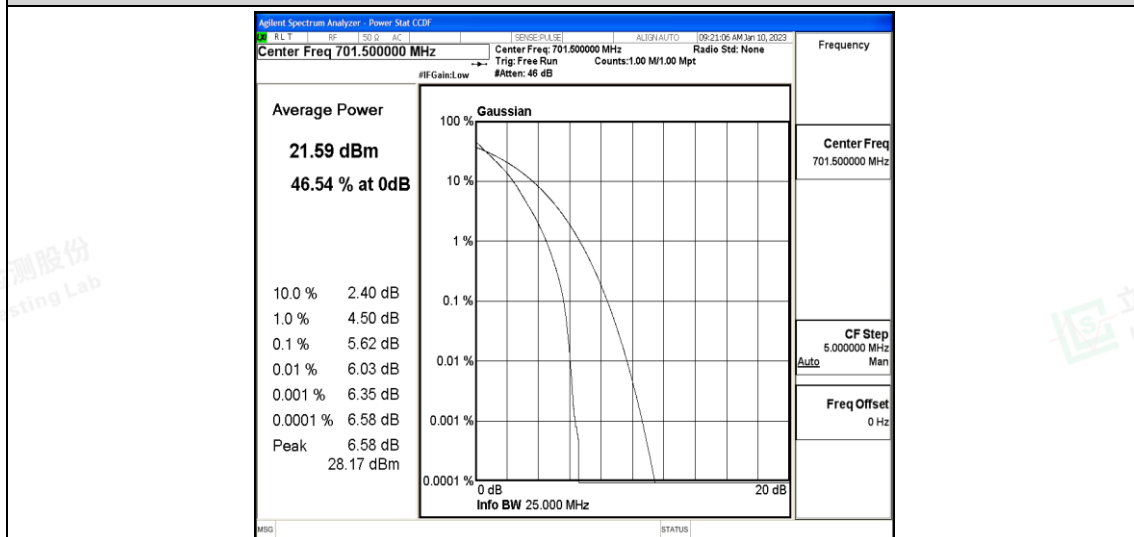


Band12-3MHz-16QAM-23165-15RB#0

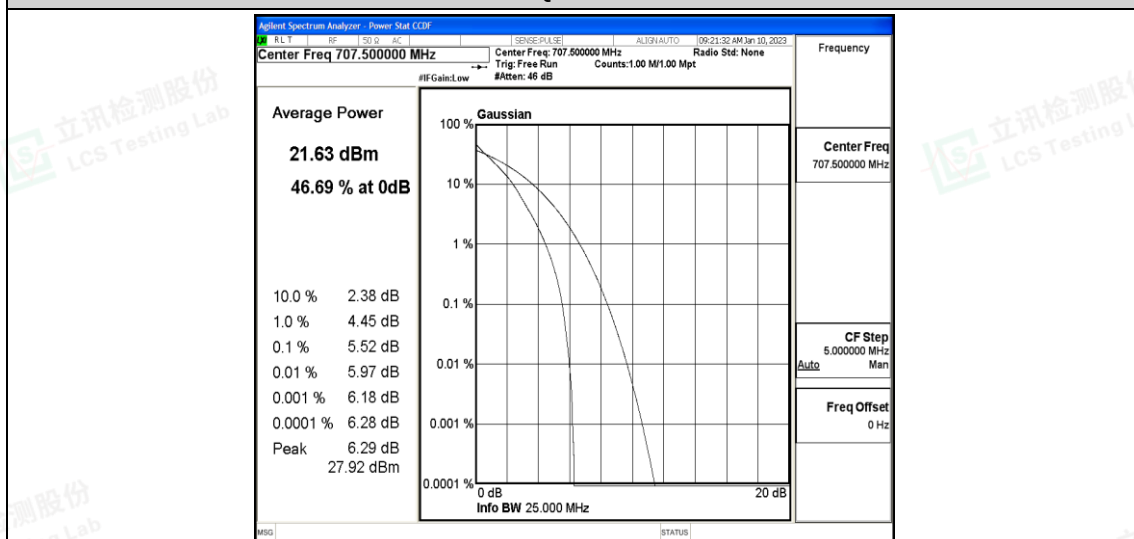




Band12-5MHz-QPSK-23035-25RB#0

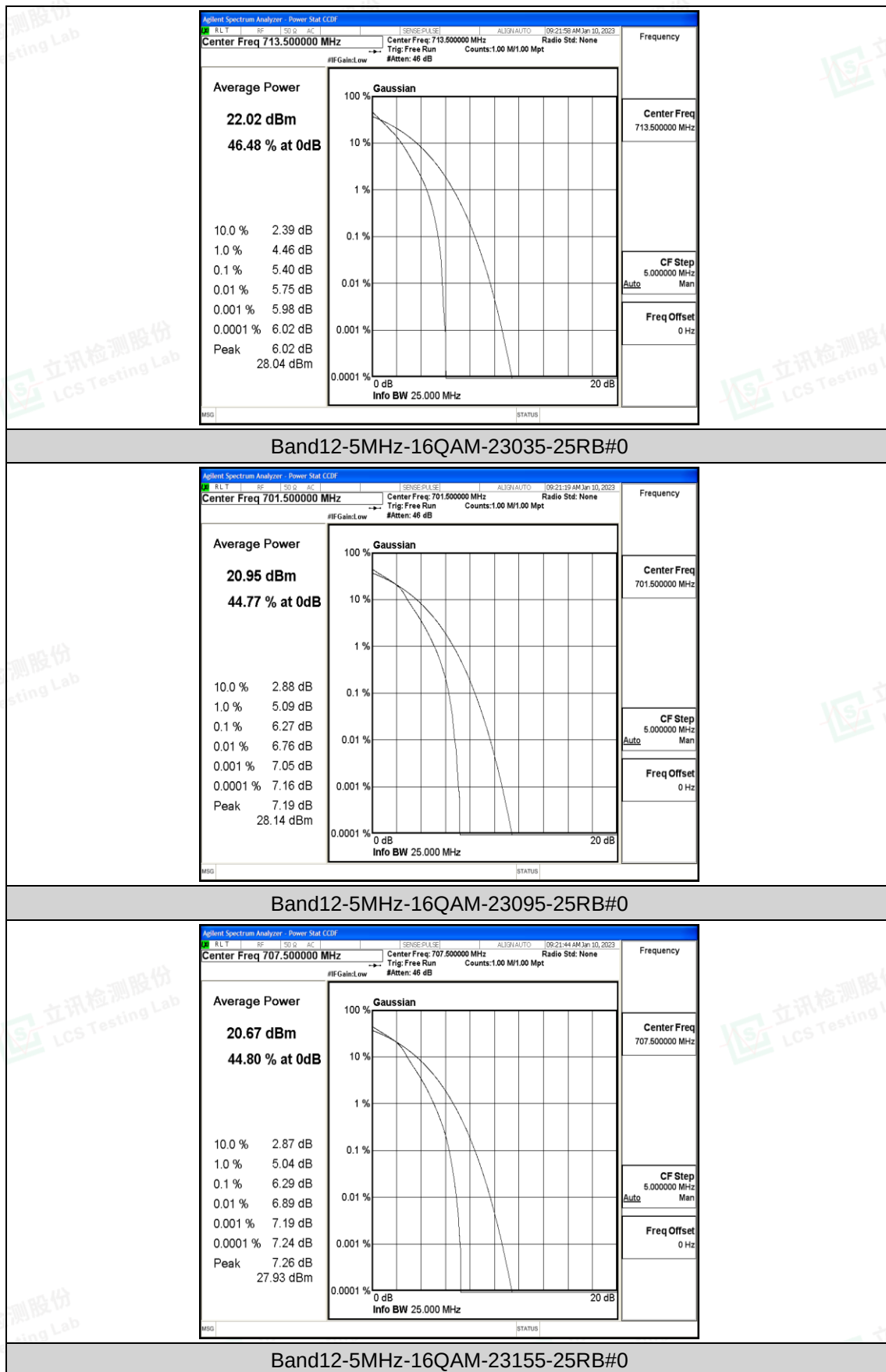


Band12-5MHz-QPSK-23095-25RB#0



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



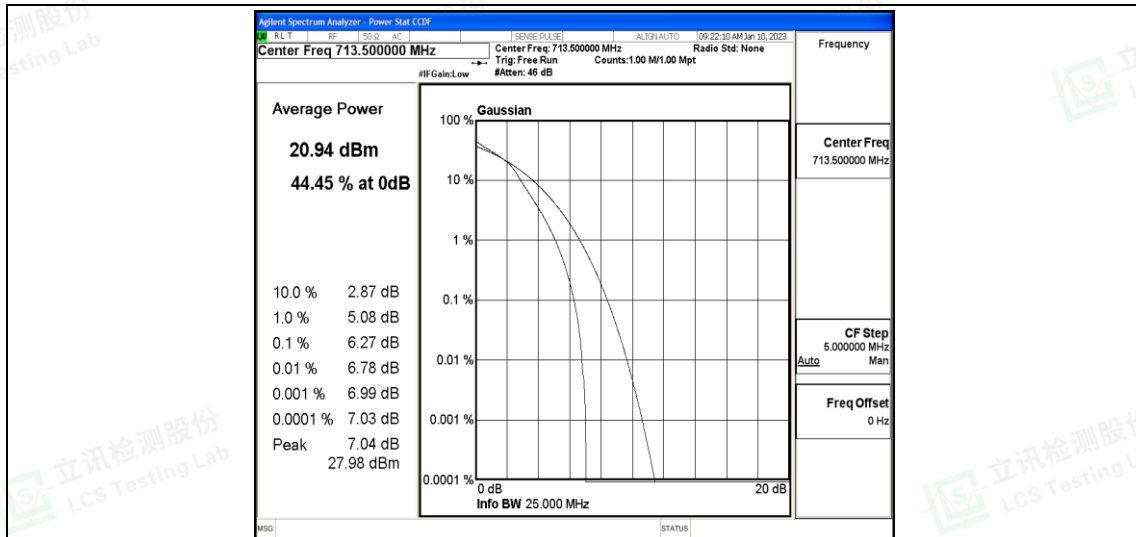


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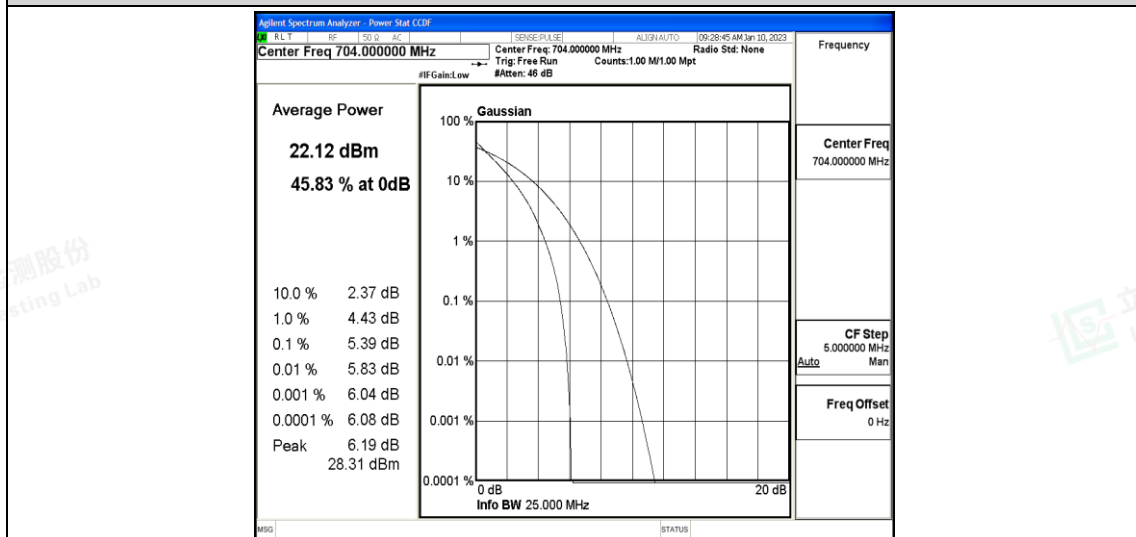
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

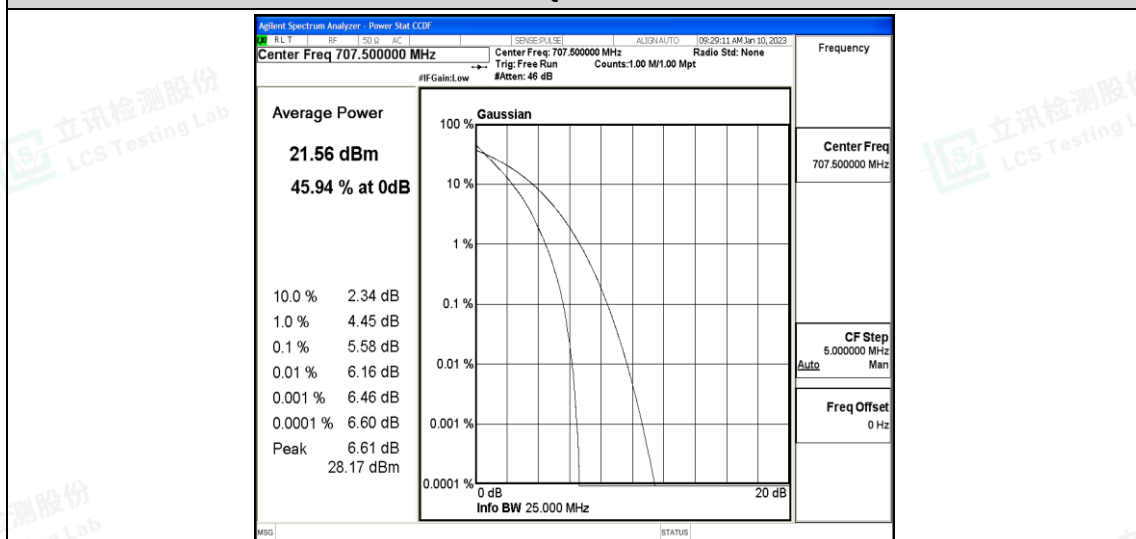
Scan code to check authenticity



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

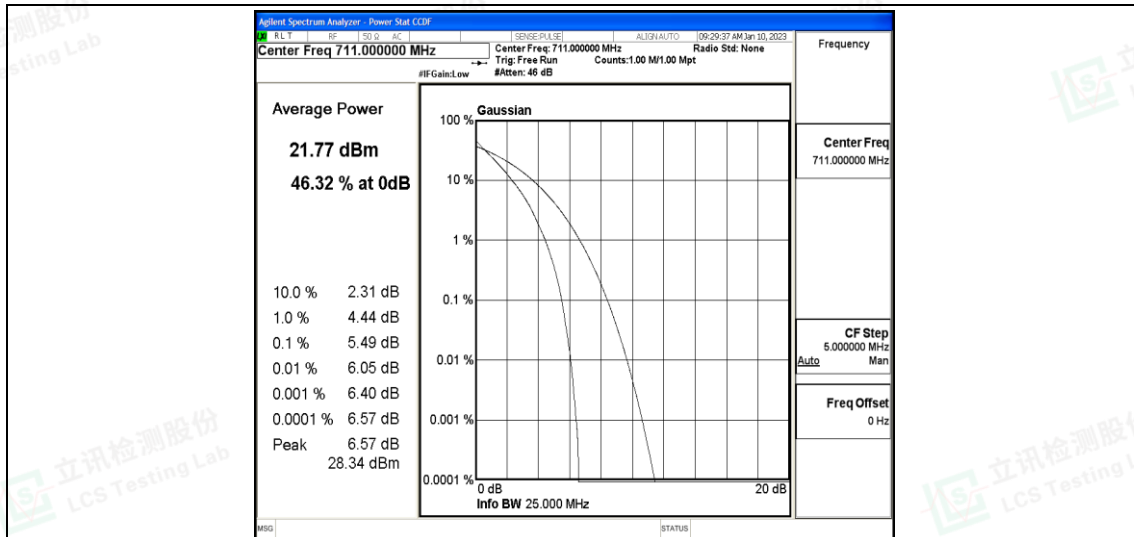


Band12-10MHz-QPSK-23095-50RB#0

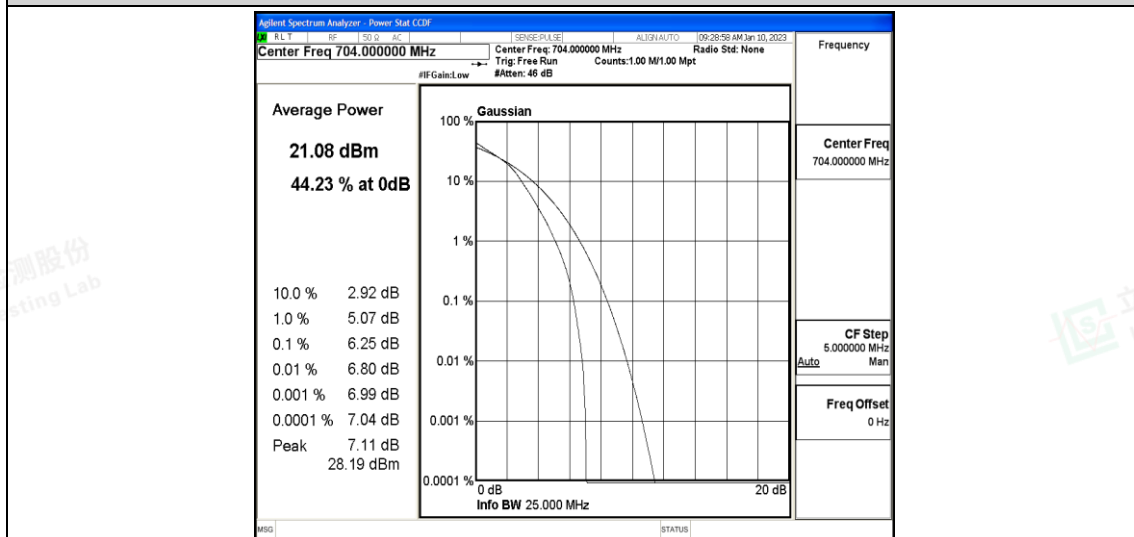


Band12-10MHz-QPSK-23130-50RB#0

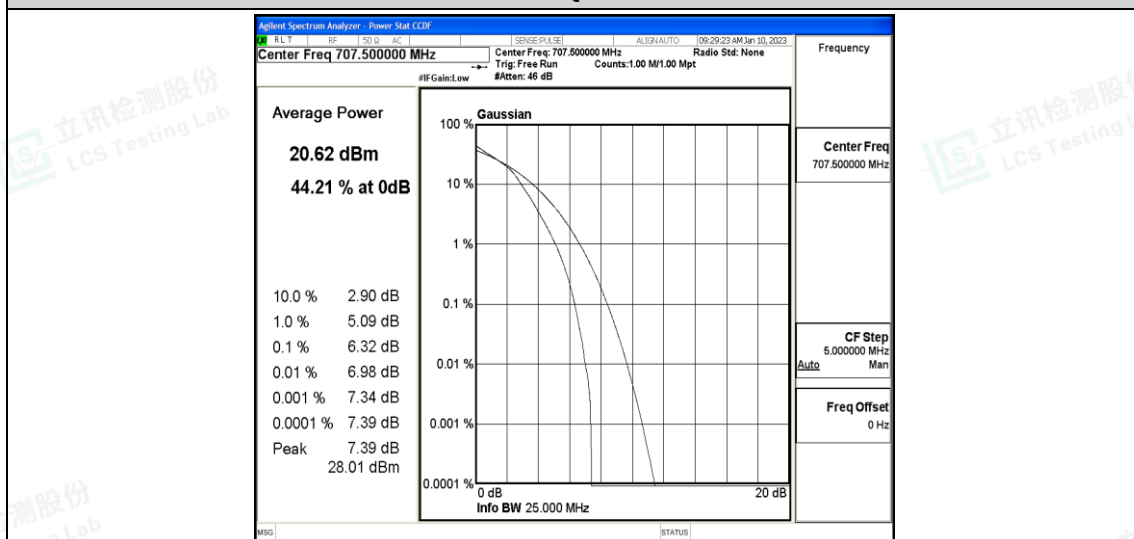




Band12-10MHz-16QAM-23060-50RB#0

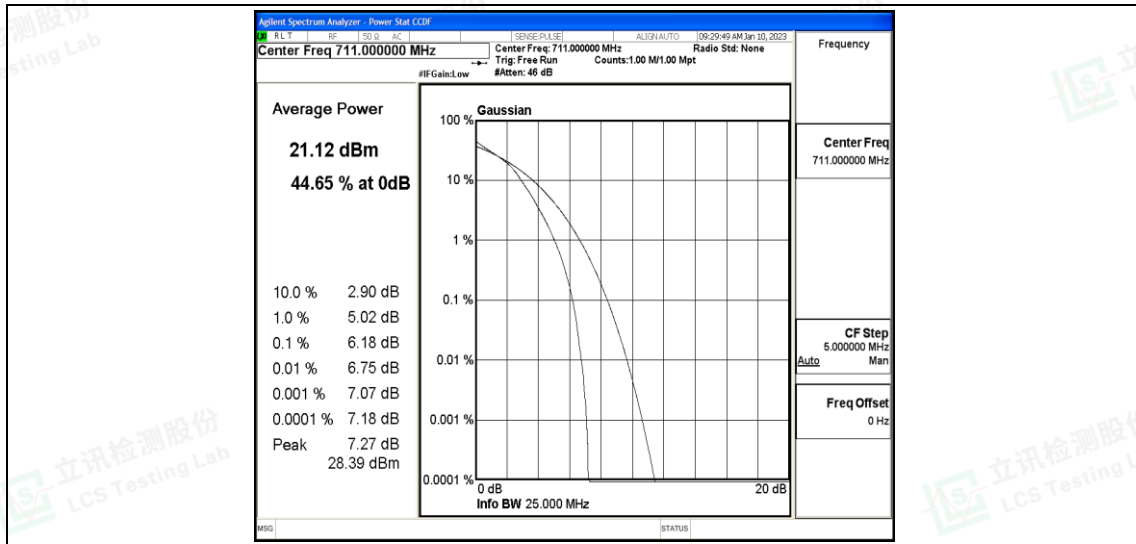


Band12-10MHz-16QAM-23095-50RB#0



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







I.3 26dB Bandwidth and Occupied Bandwidth

Test Result

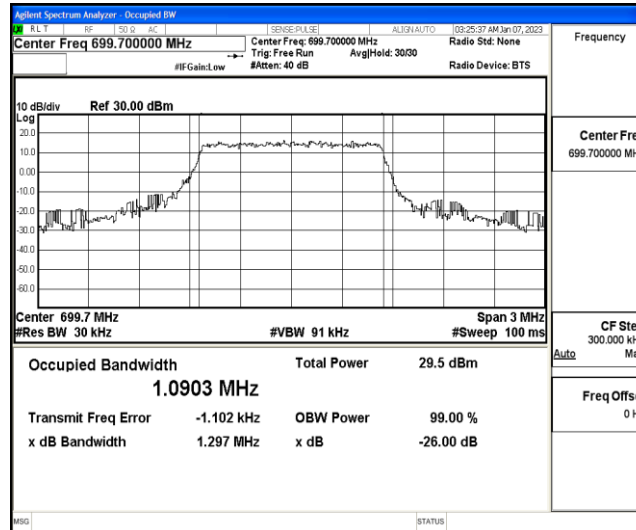
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0903	1.297	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.1018	1.343	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0999	1.288	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1049	1.280	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1051	1.353	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0941	1.305	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7105	3.002	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7047	3.032	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6943	3.036	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7123	3.018	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7055	3.004	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7004	3.045	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5173	4.972	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5042	4.944	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5109	4.982	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5134	4.980	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5126	4.968	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5281	4.963	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9883	9.830	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0010	9.892	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9605	9.876	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0085	9.926	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9893	9.941	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9879	9.913	PASS



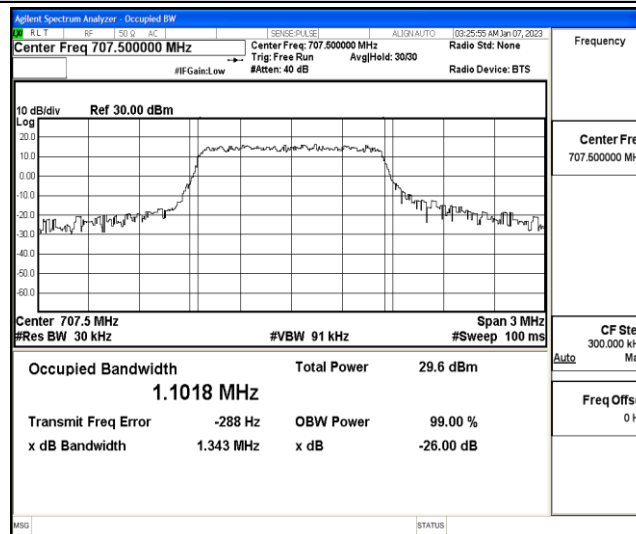


Test Graphs

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



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



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

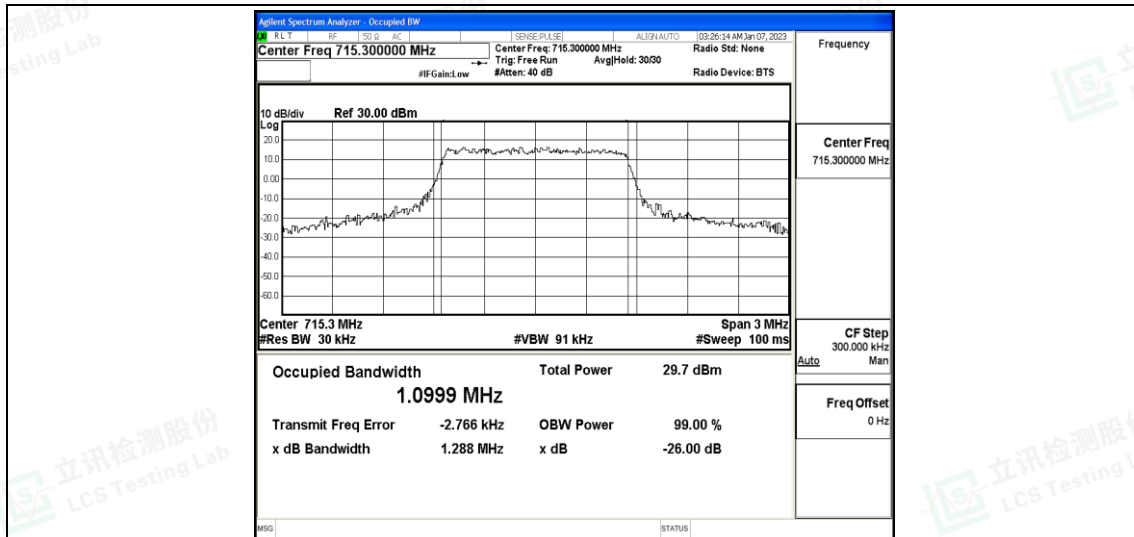


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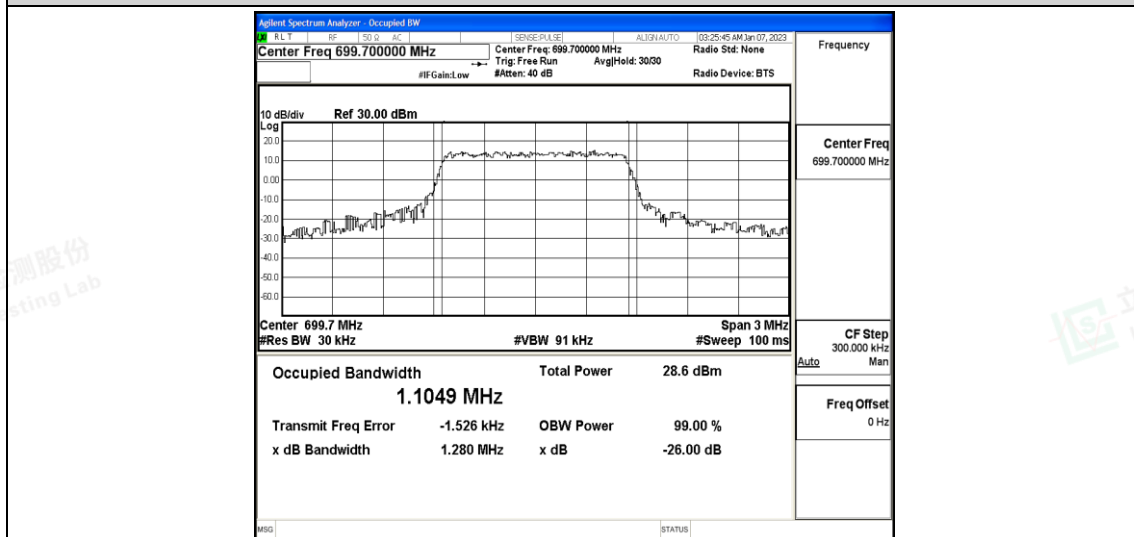
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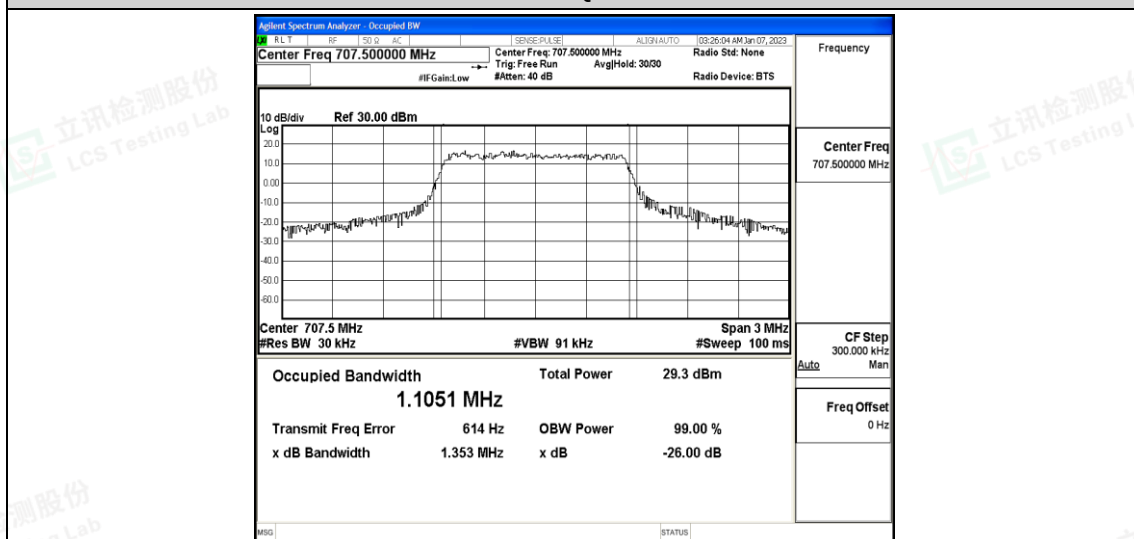
Scan code to check authenticity



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

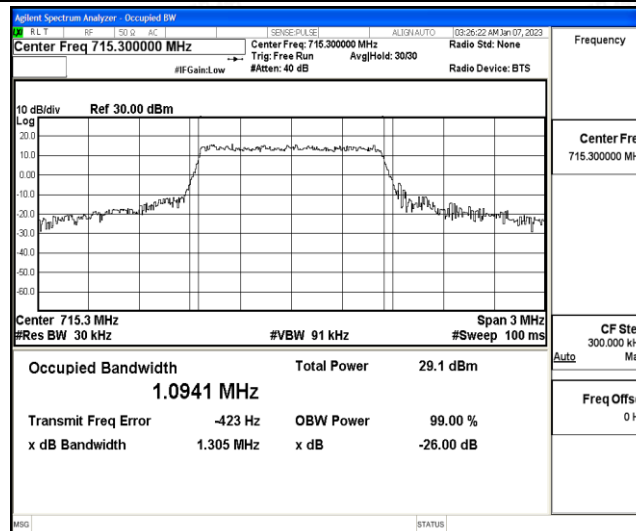


Band12-1.4MHz-16QAM-23095-6RB#0

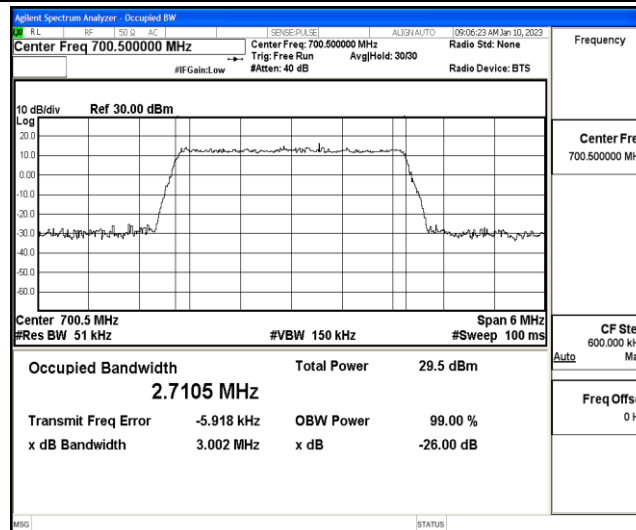


Band12-1.4MHz-16QAM-23173-6RB#0

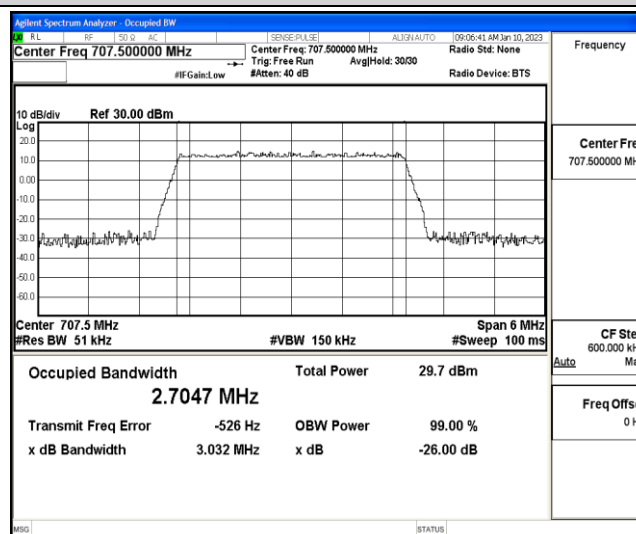




Band12-3MHz-QPSK-23025-15RB#0



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



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

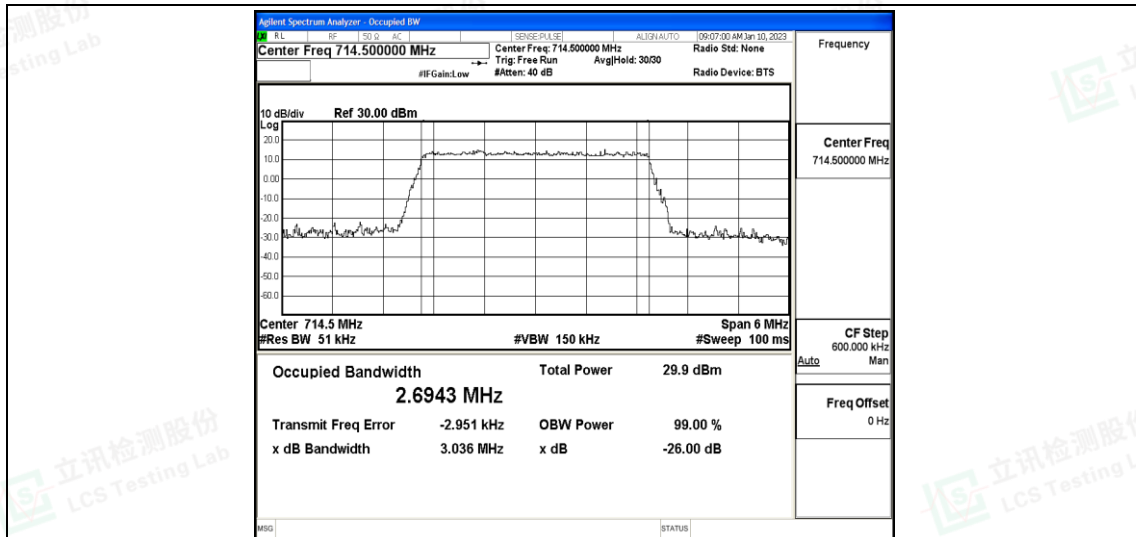


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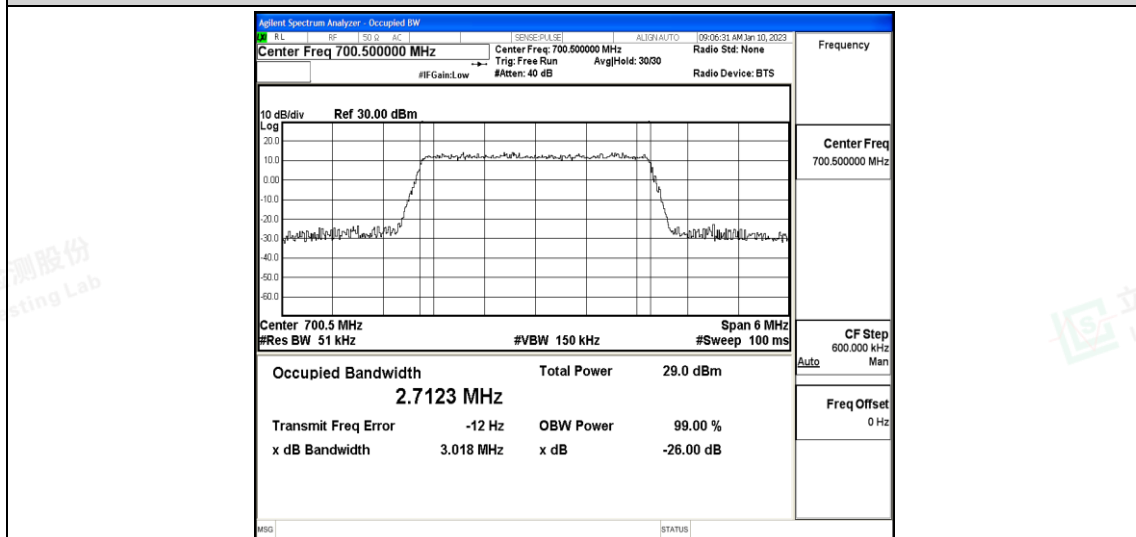
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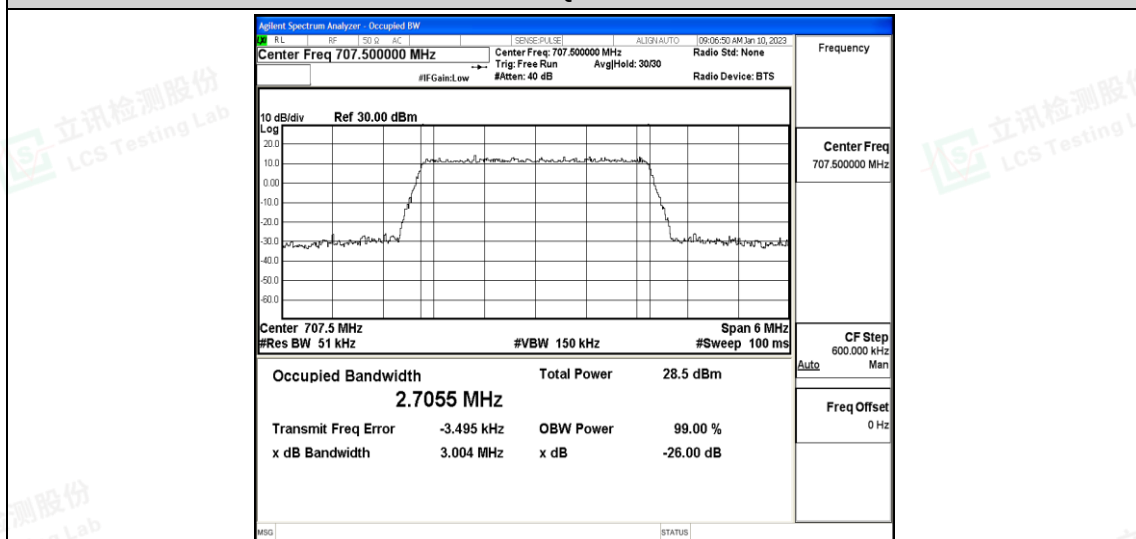
Scan code to check authenticity



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

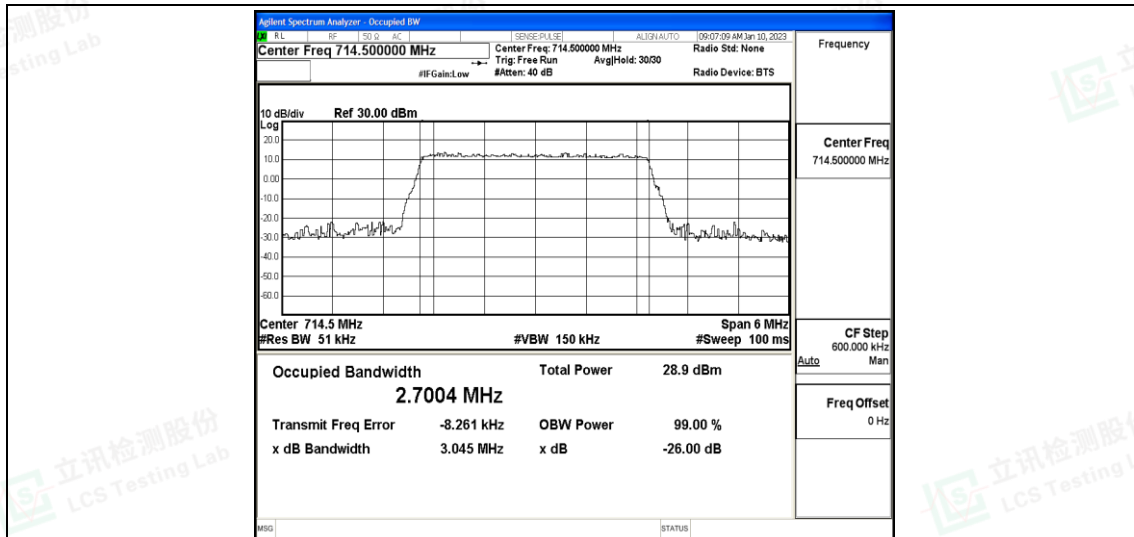


Band12-3MHz-16QAM-23095-15RB#0

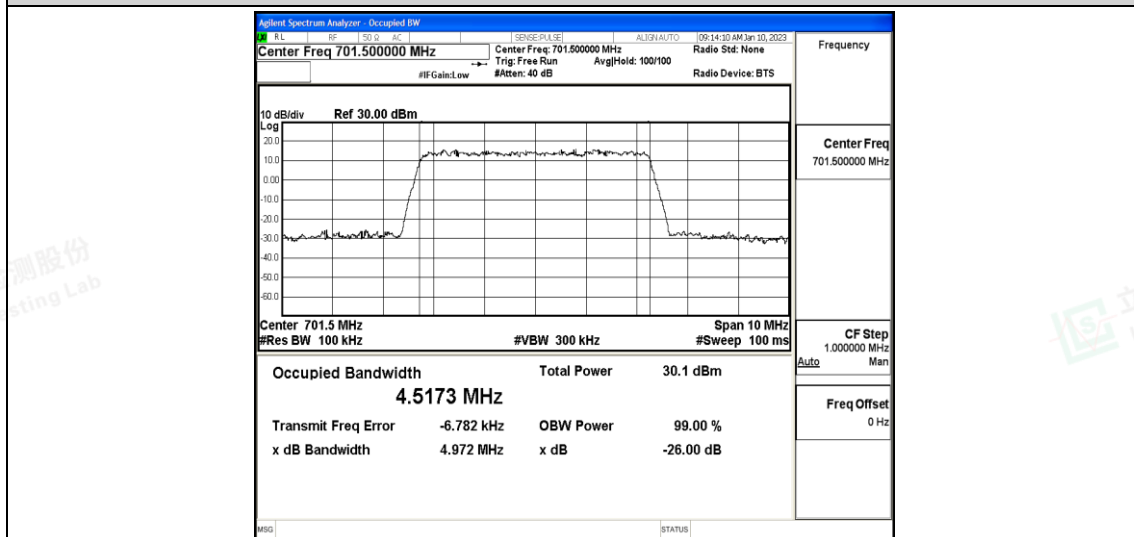


Band12-3MHz-16QAM-23165-15RB#0

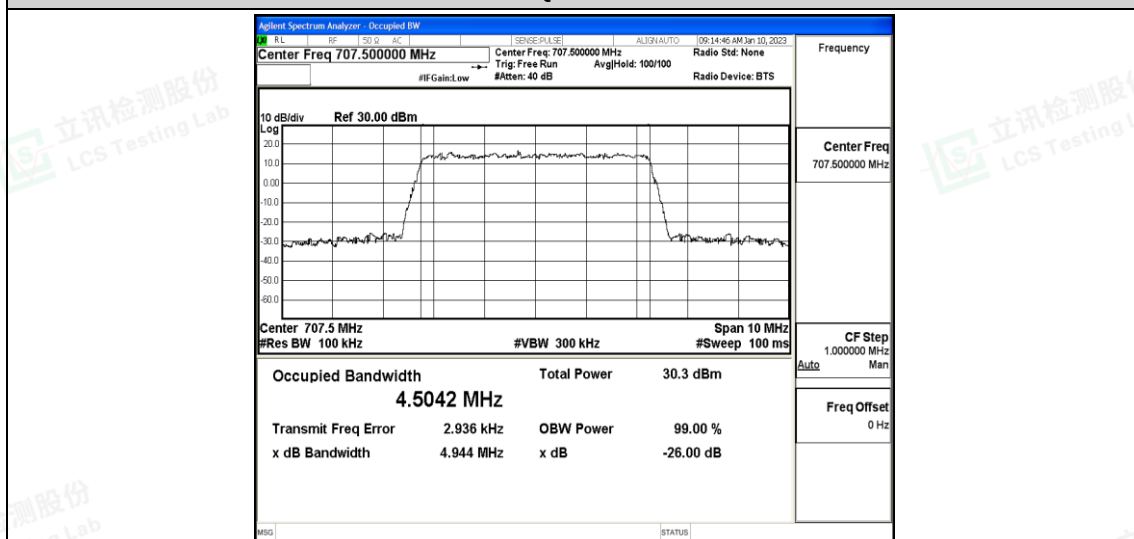




Band12-5MHz-QPSK-23035-25RB#0

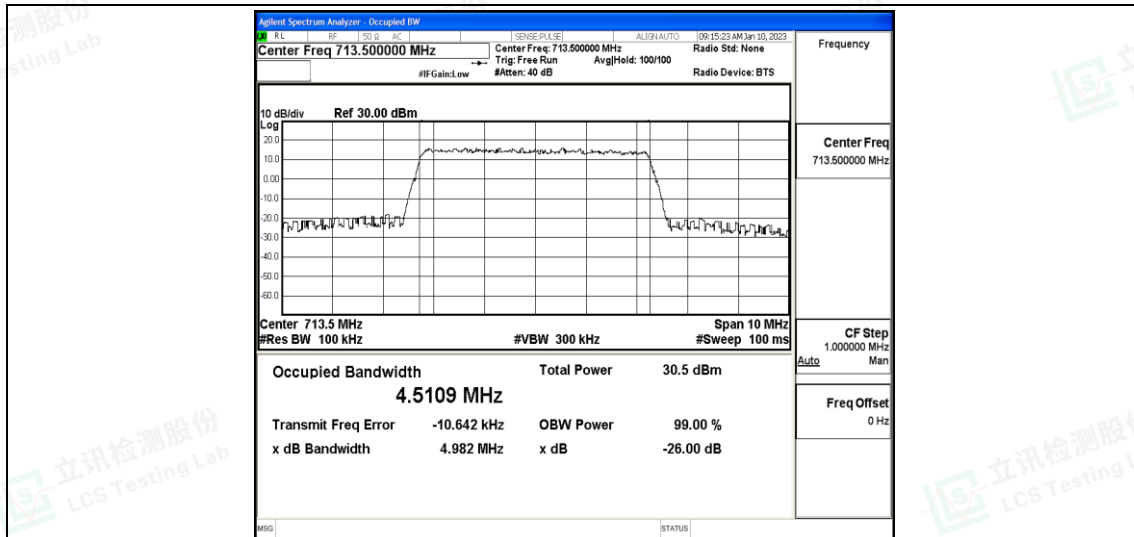


Band12-5MHz-QPSK-23095-25RB#0

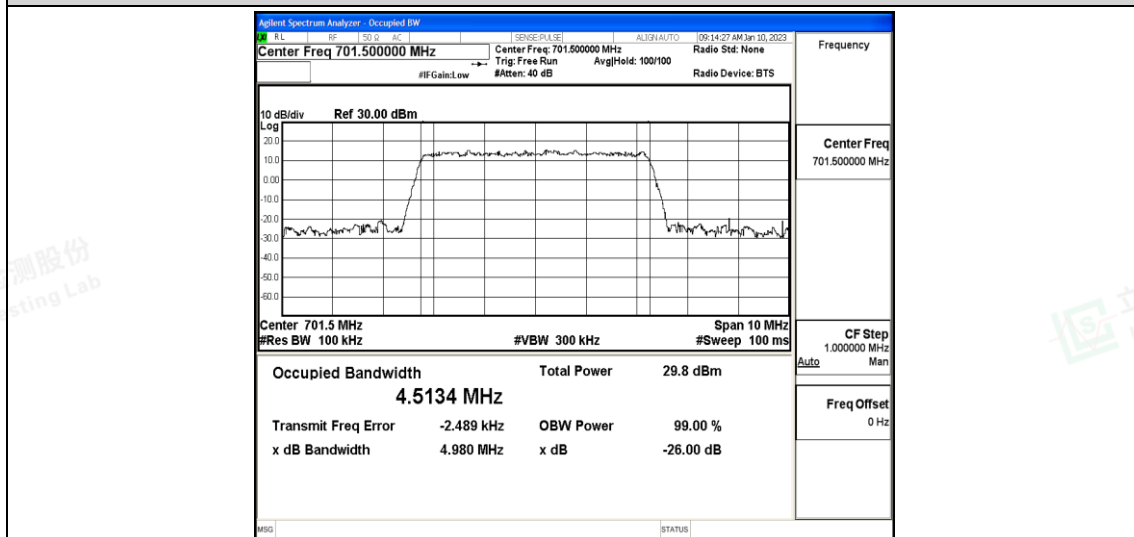


Band12-5MHz-QPSK-23155-25RB#0

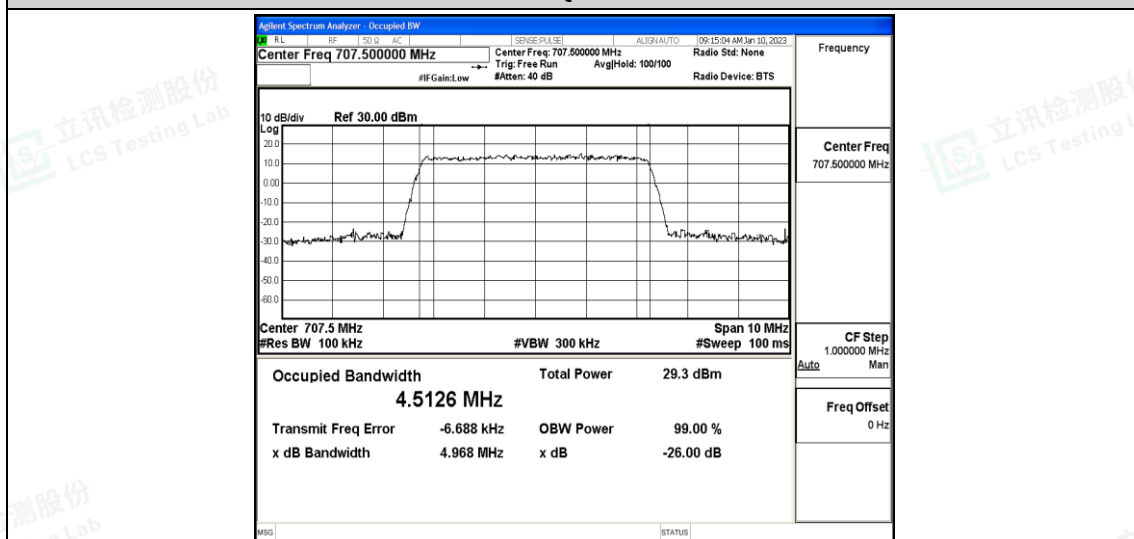




Band12-5MHz-16QAM-23035-25RB#0



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



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

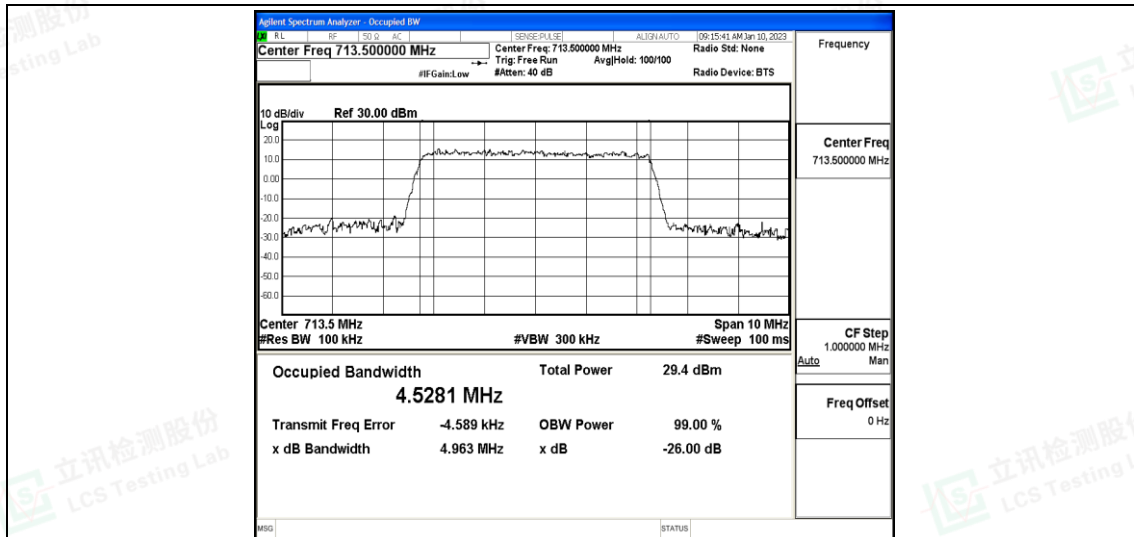


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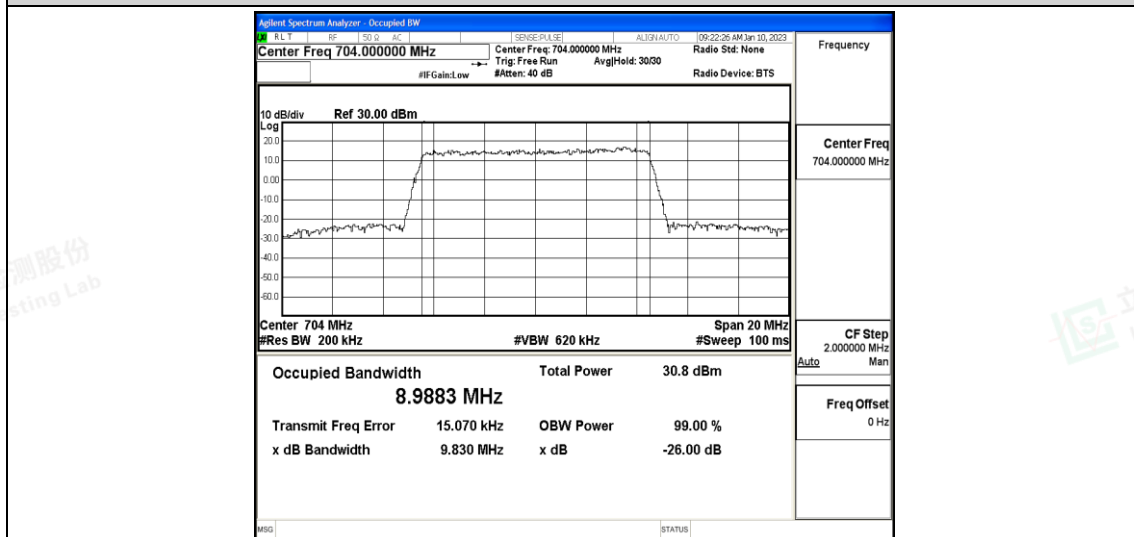
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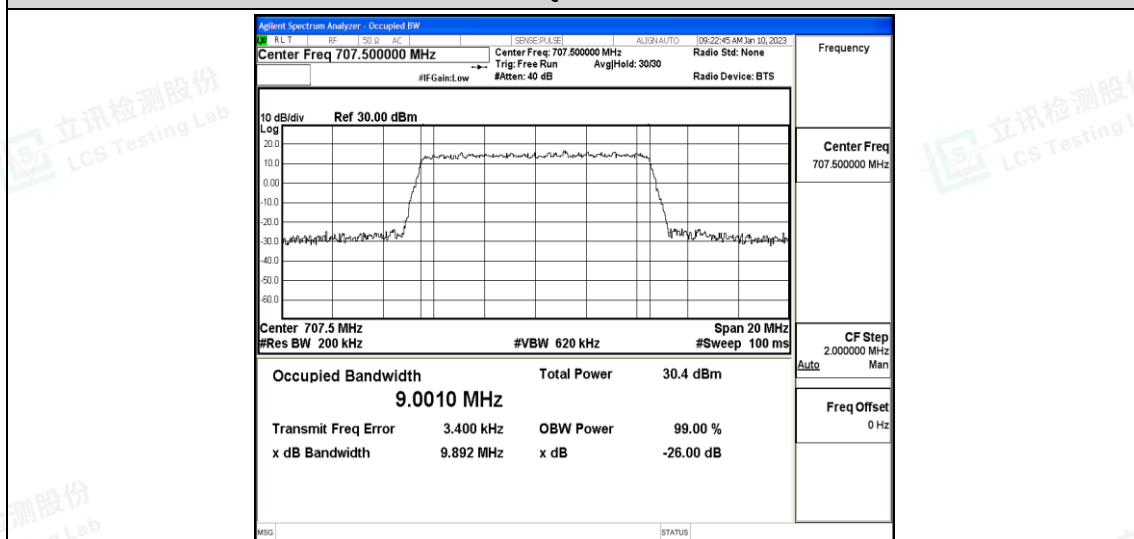
Scan code to check authenticity



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

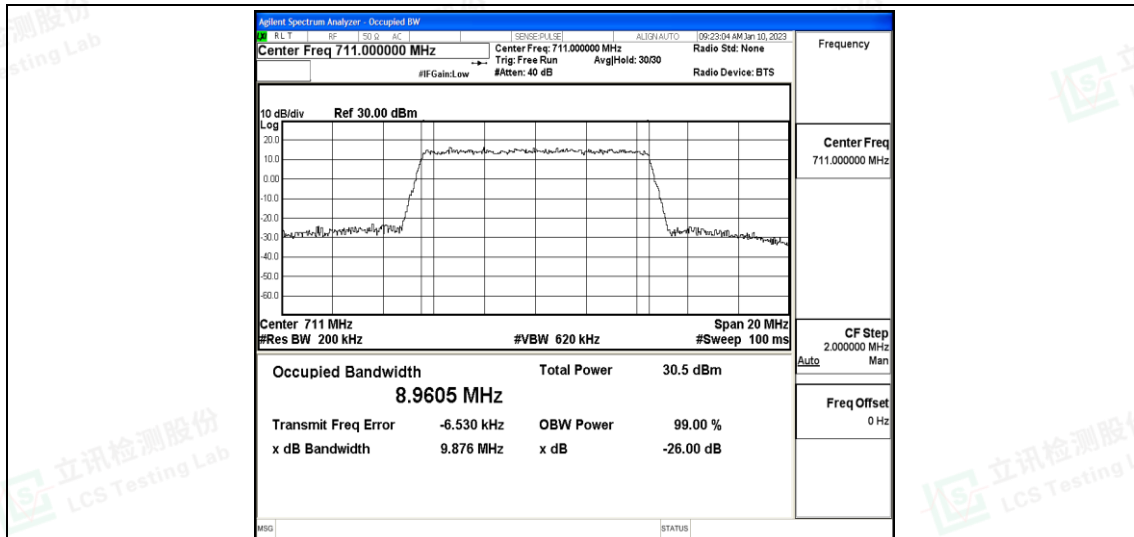


Band12-10MHz-QPSK-23095-50RB#0

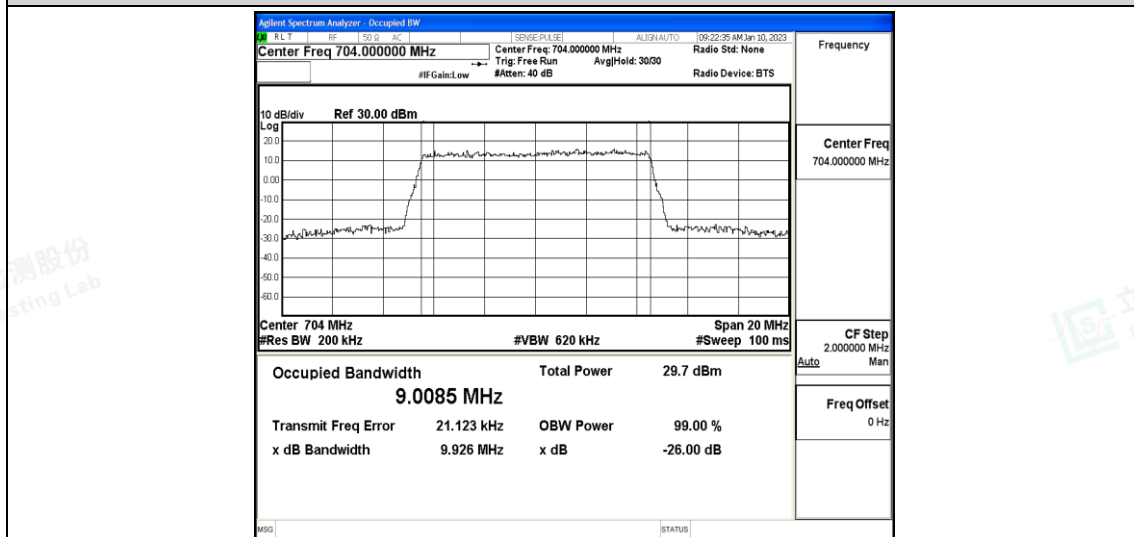


Band12-10MHz-QPSK-23130-50RB#0

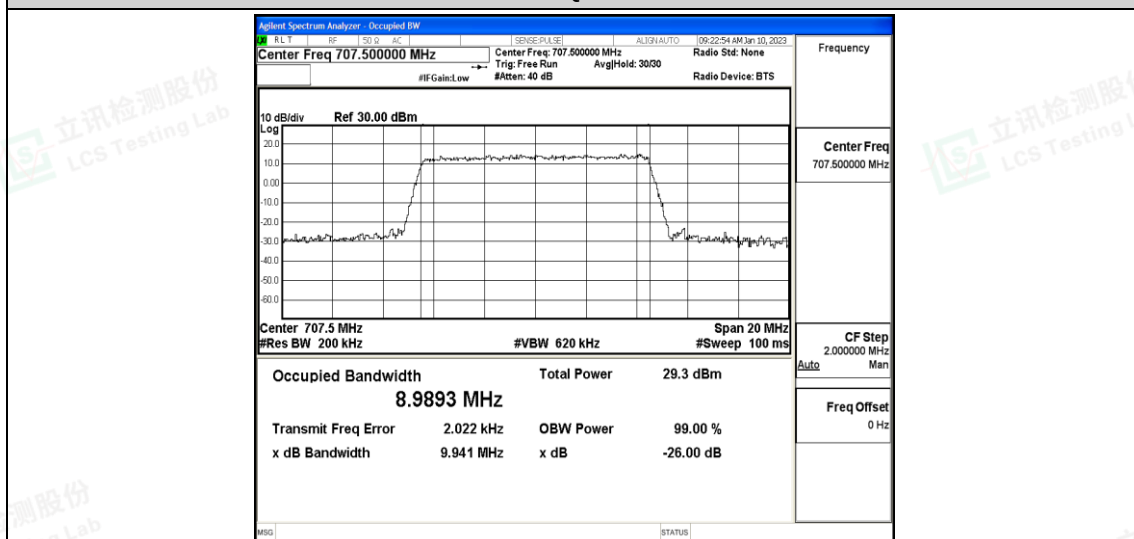




Band12-10MHz-16QAM-23060-50RB#0

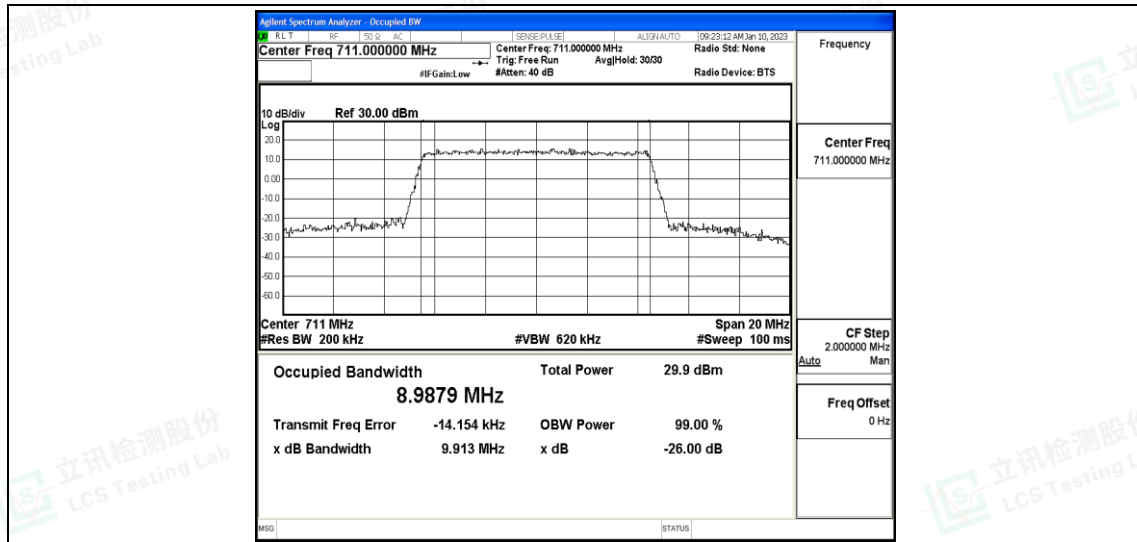


Band12-10MHz-16QAM-23095-50RB#0



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





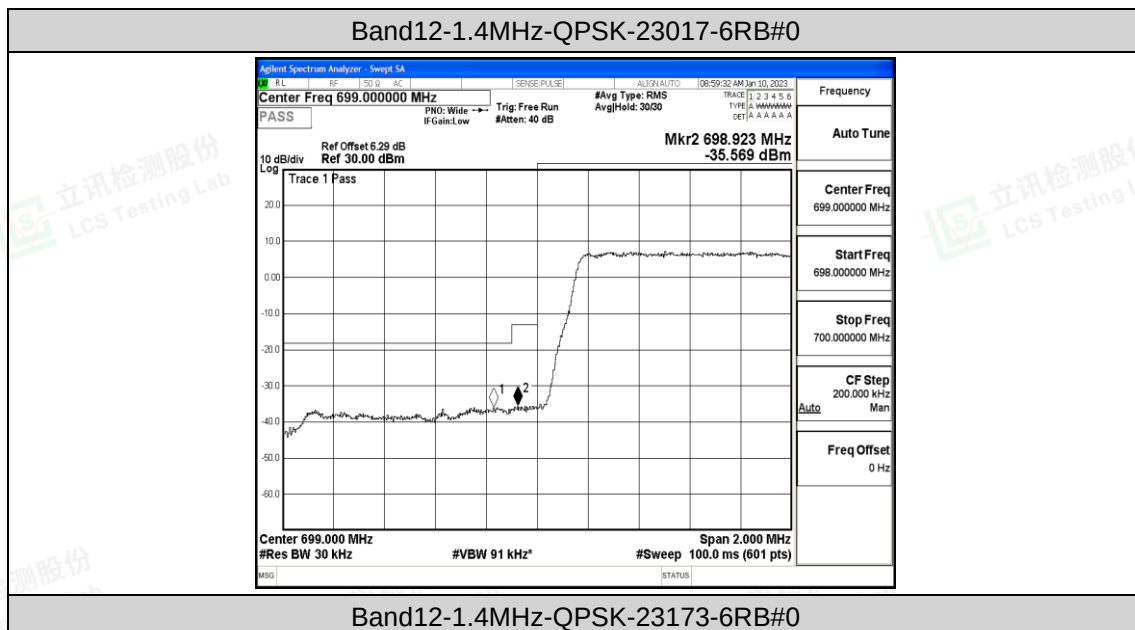


I.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-36.03,-35.57	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-34.91,-35.88	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-34.20,-33.73	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-34.80,-35.54	PASS
Band12	3MHz	QPSK	23025	15RB#0	-36.55,-22.46	PASS
Band12	3MHz	QPSK	23165	15RB#0	-22.96,-35.66	PASS
Band12	3MHz	16QAM	23025	15RB#0	-35.34,-22.84	PASS
Band12	3MHz	16QAM	23165	15RB#0	-24.43,-37.47	PASS
Band12	5MHz	QPSK	23035	25RB#0	-28.49	PASS
Band12	5MHz	QPSK	23155	25RB#0	-28.30	PASS
Band12	5MHz	16QAM	23035	25RB#0	-27.99	PASS
Band12	5MHz	16QAM	23155	25RB#0	-29.02	PASS
Band12	10MHz	QPSK	23060	50RB#0	-34.28,-30.64	PASS
Band12	10MHz	QPSK	23130	50RB#0	-31.24,-34.89	PASS
Band12	10MHz	16QAM	23060	50RB#0	-33.83,-31.25	PASS
Band12	10MHz	16QAM	23130	50RB#0	-30.96,-34.54	PASS

Test Graphs

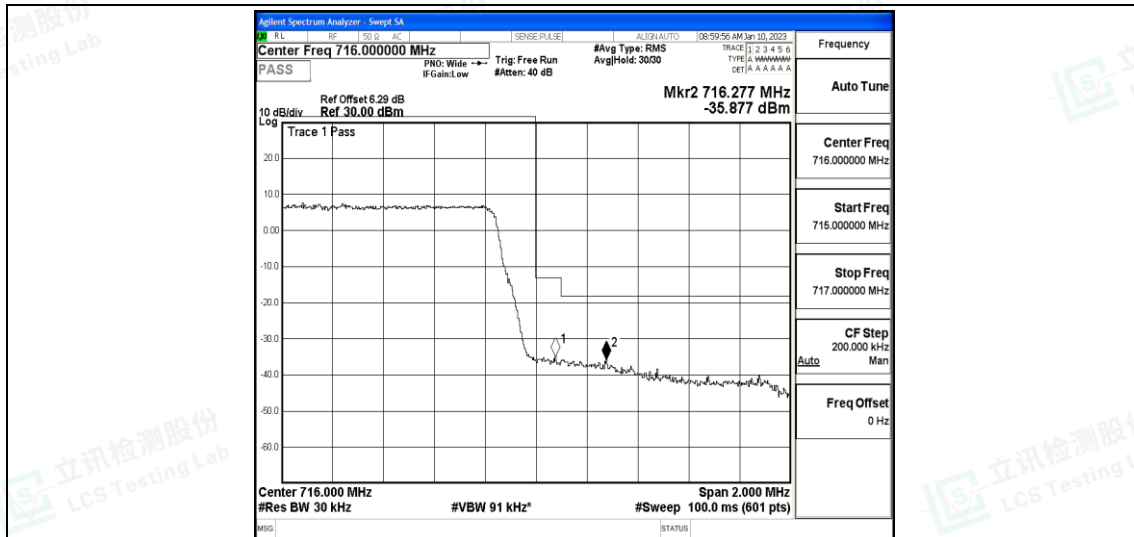


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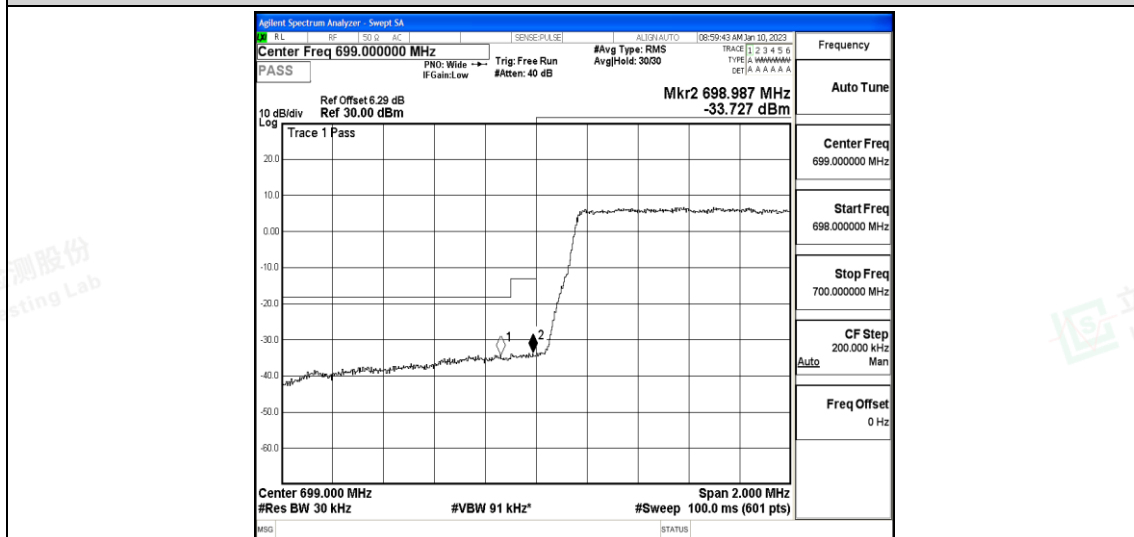
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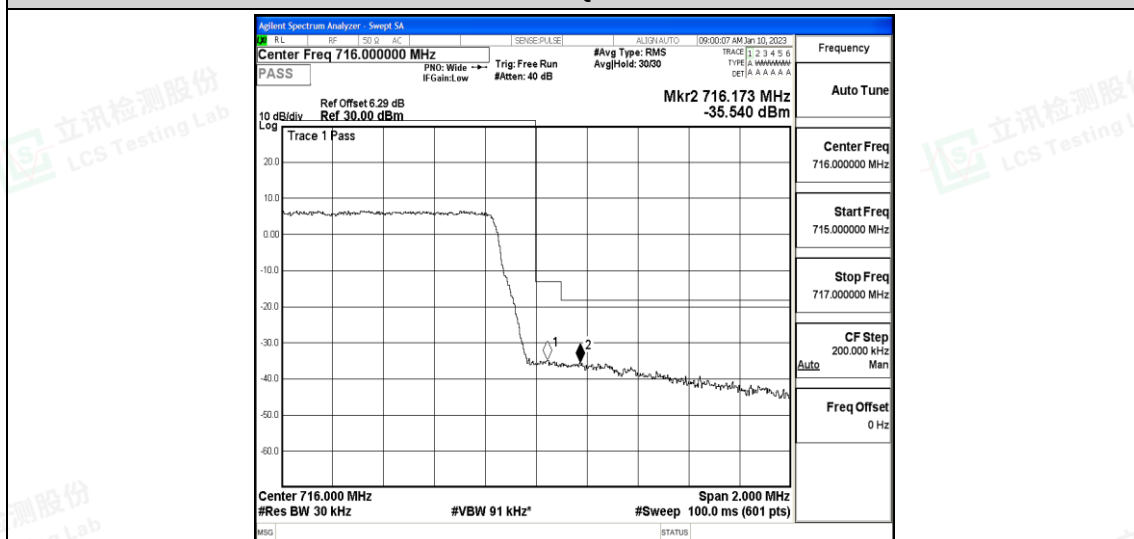
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Band12-1.4MHz-16QAM-23017-6RB#0



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



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

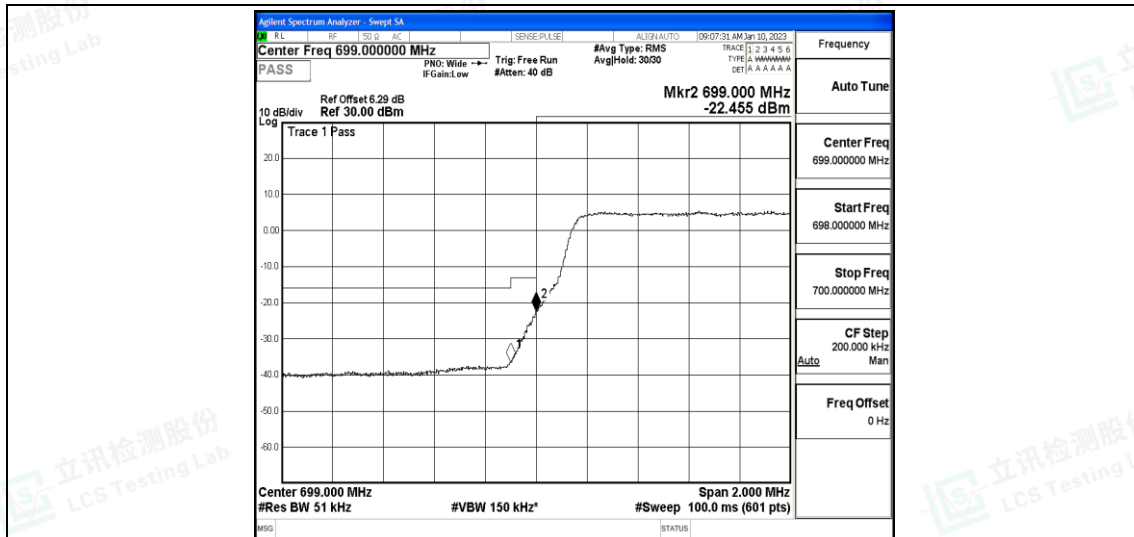


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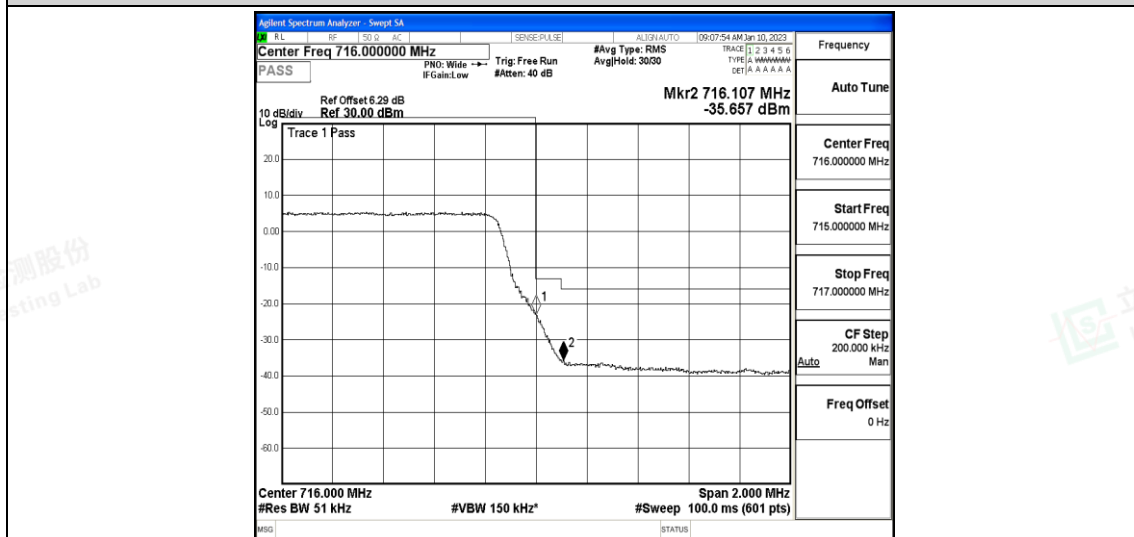
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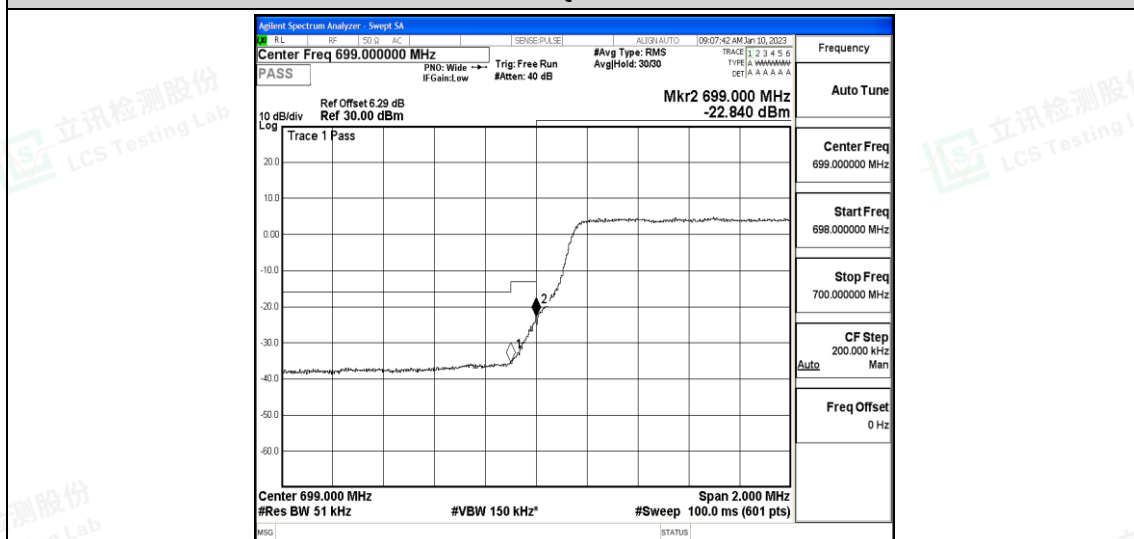
Scan code to check authenticity



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



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



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

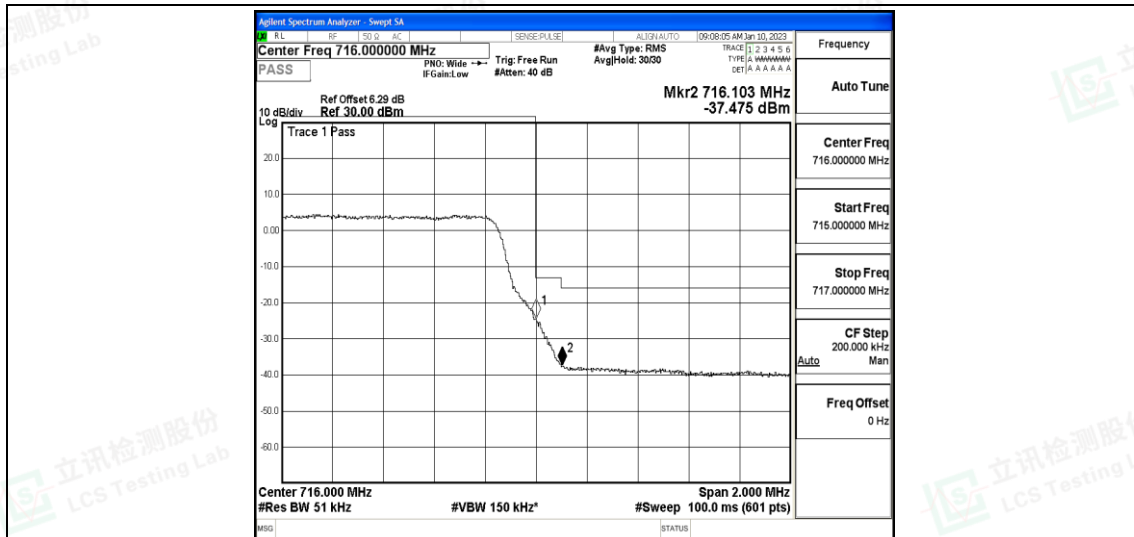


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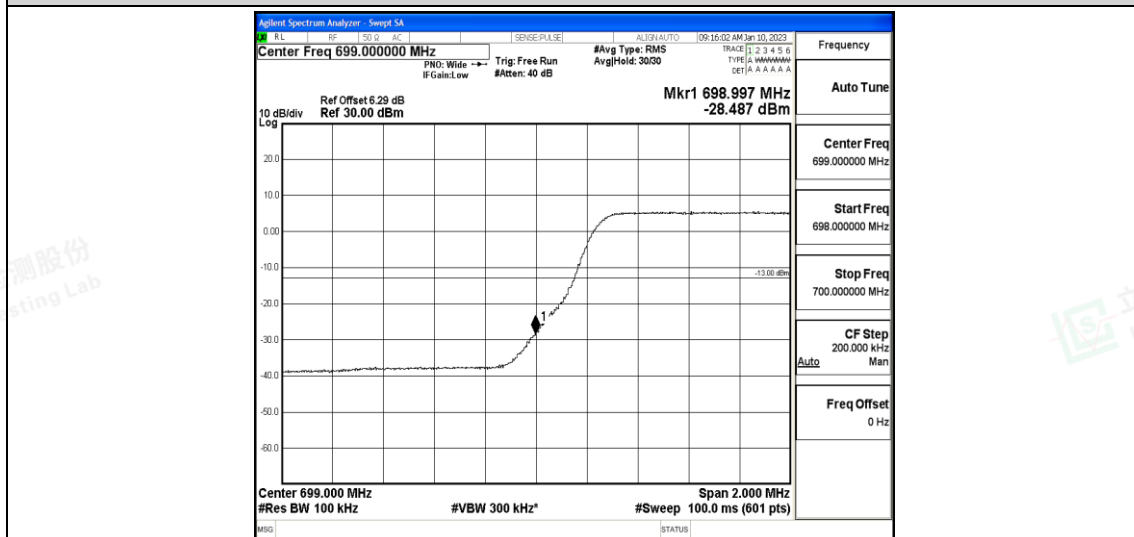
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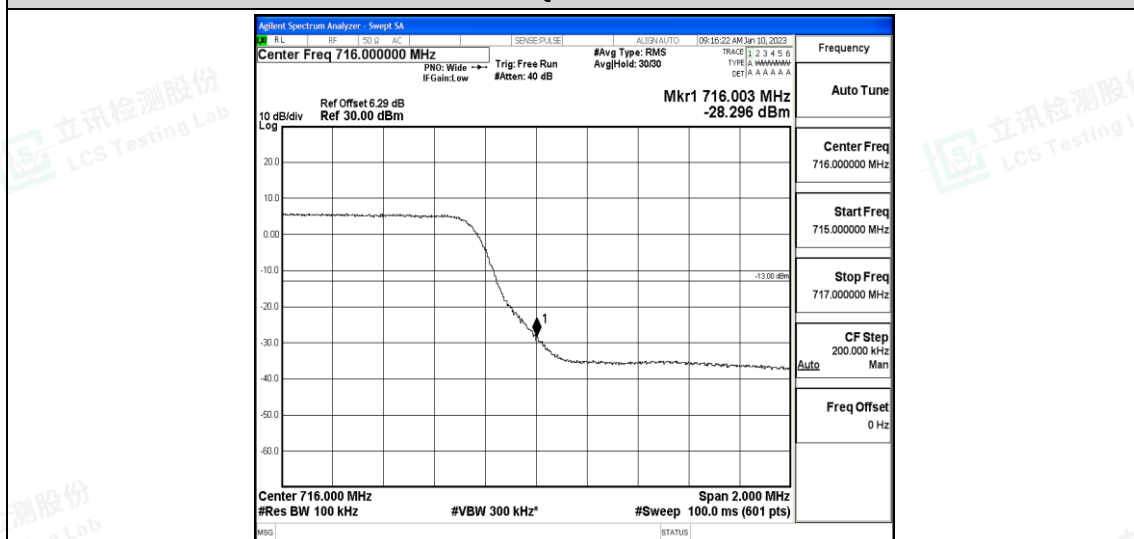
Scan code to check authenticity



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



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



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

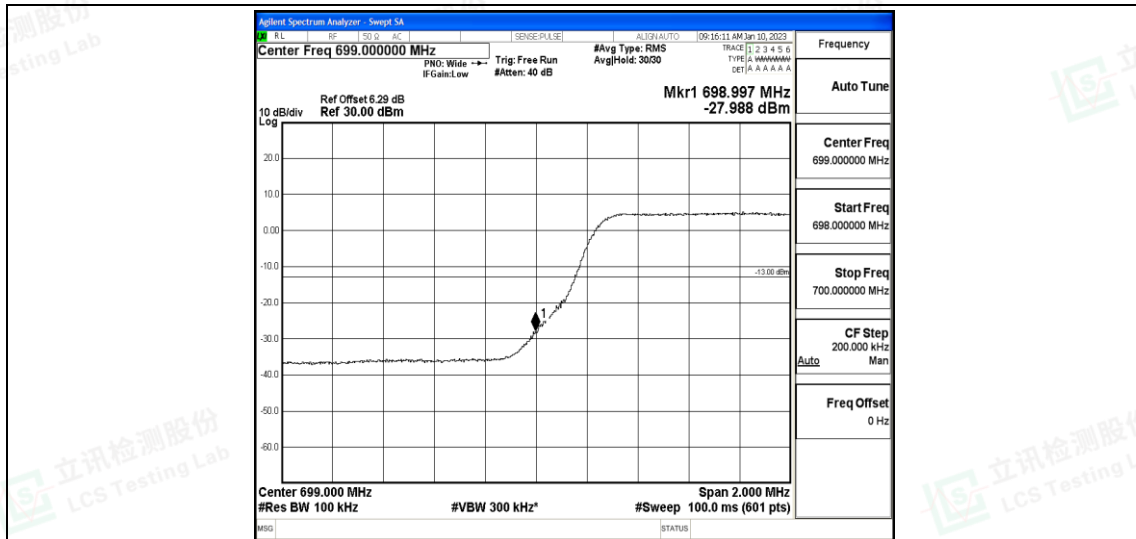


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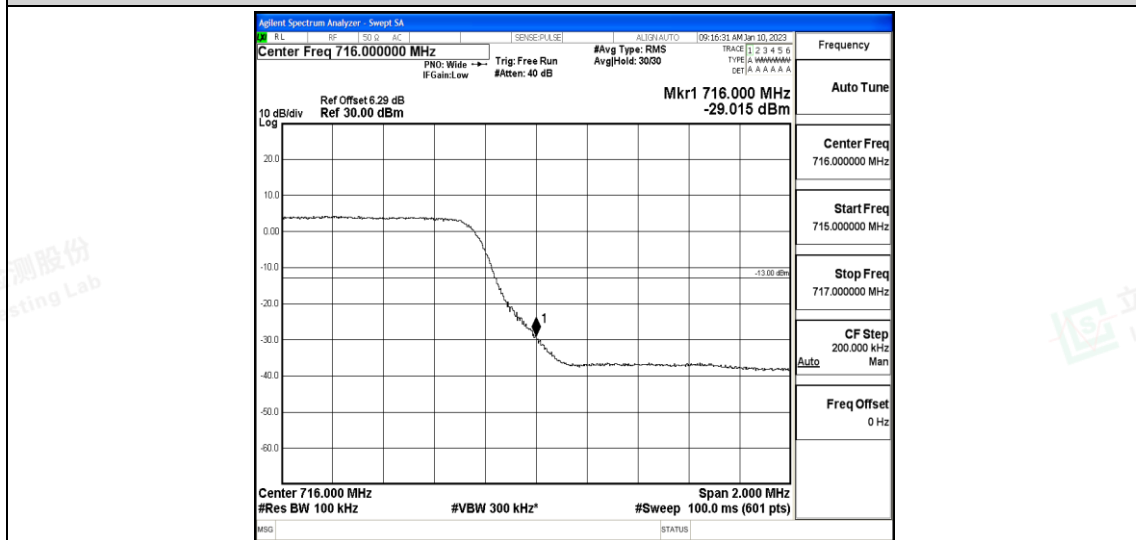
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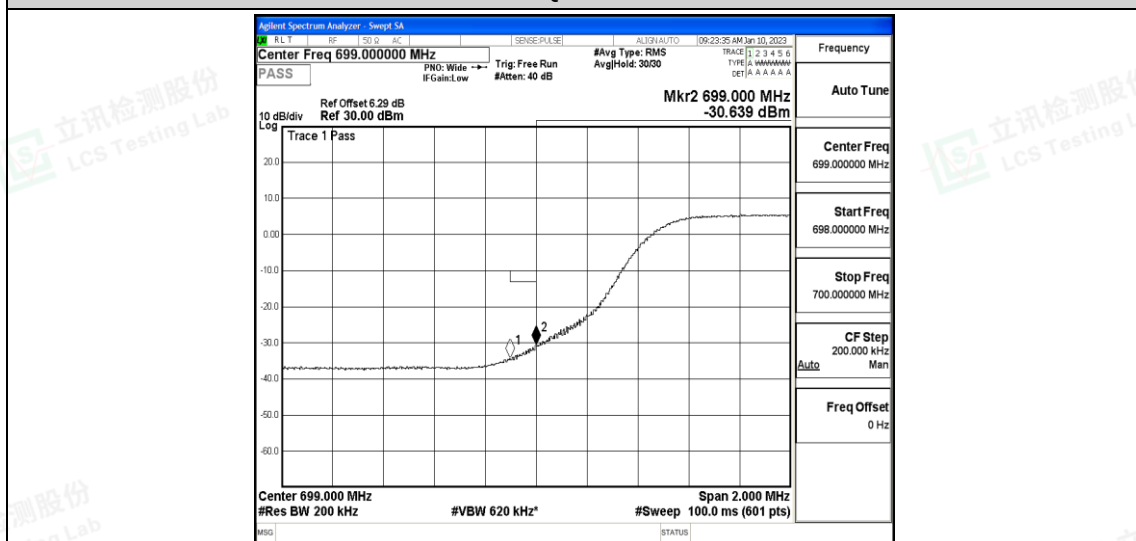
Scan code to check authenticity



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

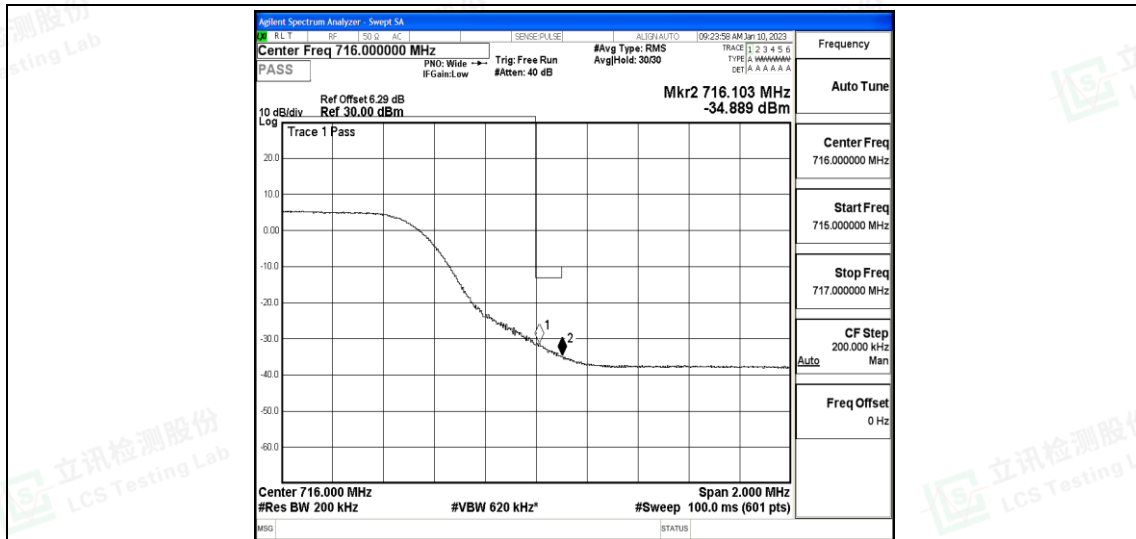


Band12-10MHz-QPSK-23060-50RB#0

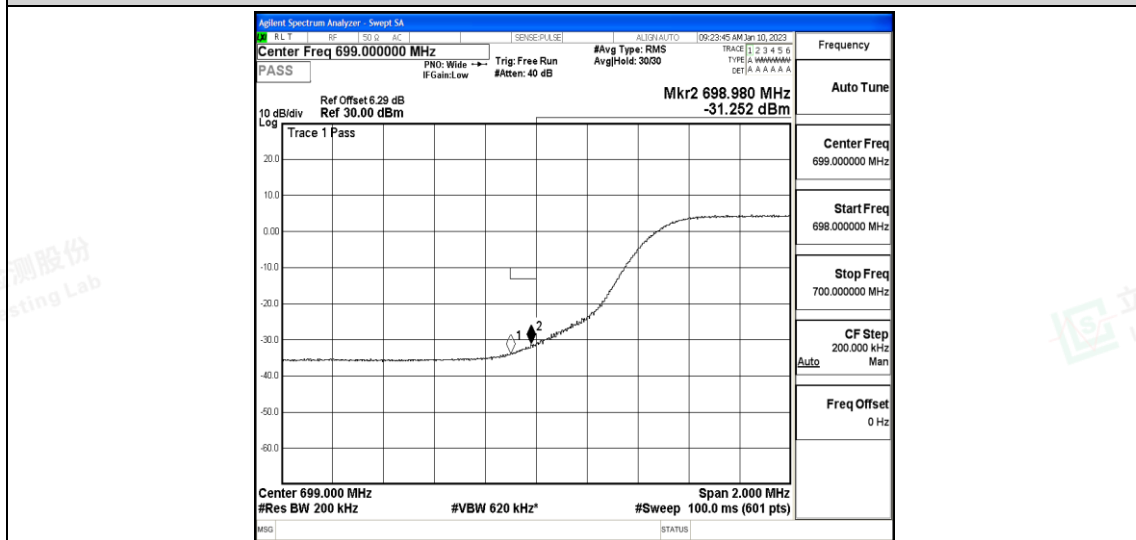


Band12-10MHz-QPSK-23130-50RB#0

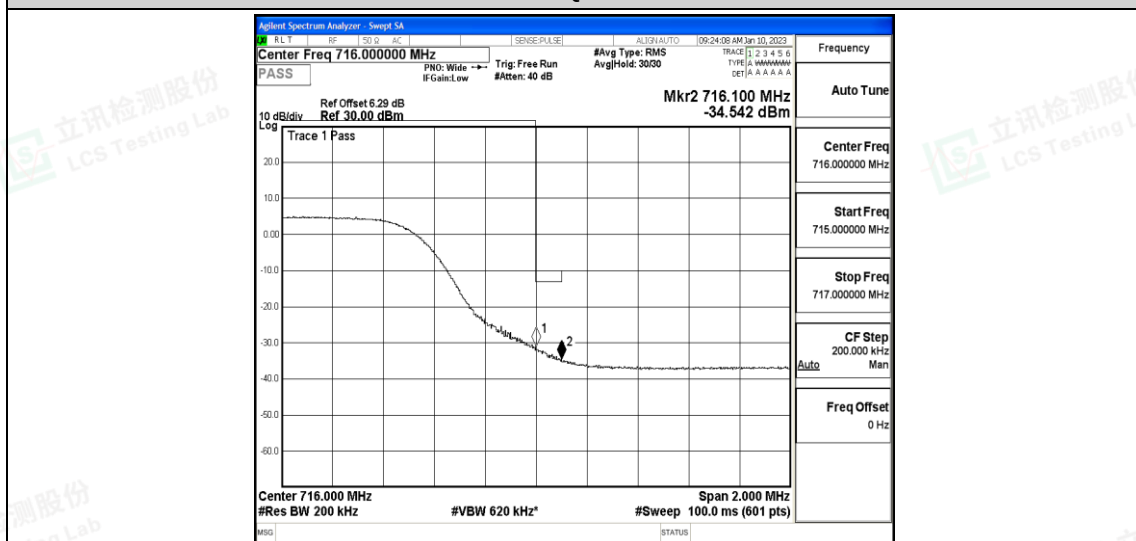




Band12-10MHz-16QAM-23060-50RB#0



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





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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	Range1:0.009~0.15MHz	-54.61	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:0.15~30MHz	-50.41	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range3:30~1000MHz	-41.43	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range4:1000~10000MHz	-41.49	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-56.14	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-52.49	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.52	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-42.25	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:0.009~0.15MHz	-55.27	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:0.15~30MHz	-51.52	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range3:30~1000MHz	-40.53	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range4:1000~10000MHz	-42	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:0.009~0.15MHz	-55.3	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:0.15~30MHz	-50.36	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range3:30~1000MHz	-40.47	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range4:1000~10000MHz	-42.66	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-54.87	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-52.68	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-39.98	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-42.61	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:0.009~0.15MHz	-55.23	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:0.15~30MHz	-52.09	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range3:30~1000MHz	-39.98	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range4:1000~10000MHz	-42.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:0.009~0.15MHz	-55.59	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:0.15~30MHz	-50.39	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range3:30~1000MHz	-38.89	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range4:1000~10000MHz	-41.59	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.52	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-52.02	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.74	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-42.16	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:0.009~0.15MHz	-56.43	PASS



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Band12	3MHz	QPSK	23165	1RB#0	Range2:0.15~30MHz	-51.01	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range3:30~1000MHz	-40.34	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range4:1000~10000MHz	-41.5	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:0.009~0.15MHz	-55.34	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:0.15~30MHz	-51.35	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range3:30~1000MHz	-40.67	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range4:1000~10000MHz	-41.99	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-56.8	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-51.16	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-41.07	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-42.8	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:0.009~0.15MHz	-54.15	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:0.15~30MHz	-50.75	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range3:30~1000MHz	-40.35	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range4:1000~10000MHz	-43.09	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:0.009~0.15MHz	-56.23	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:0.15~30MHz	-52.07	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range3:30~1000MHz	-41.35	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range4:1000~10000MHz	-41.98	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-53.26	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.96	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-41.05	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-42.48	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:0.009~0.15MHz	-54.23	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:0.15~30MHz	-52.24	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range3:30~1000MHz	-40.04	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range4:1000~10000MHz	-42.66	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:0.009~0.15MHz	-55.15	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:0.15~30MHz	-51.37	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range3:30~1000MHz	-40.9	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range4:1000~10000MHz	-42.13	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-54.5	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-52.41	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.41	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-43.02	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:0.009~0.15MHz	-55.86	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:0.15~30MHz	-51.71	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range3:30~1000MHz	-41.57	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range4:1000~10000MHz	-42.67	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:0.009~0.15MHz	-56.38	PASS



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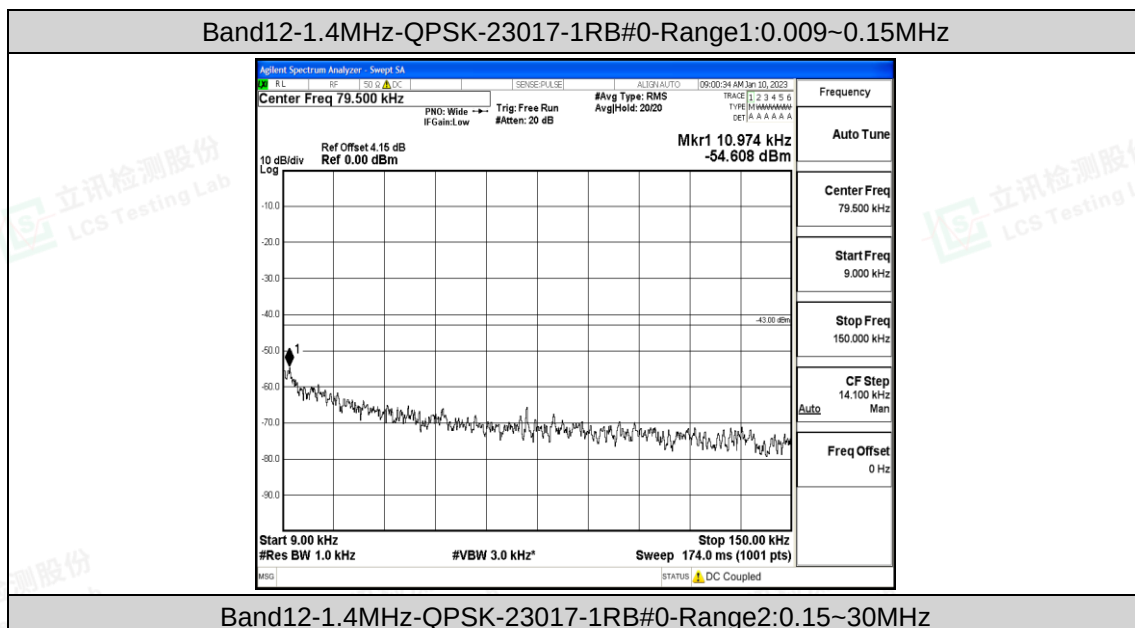
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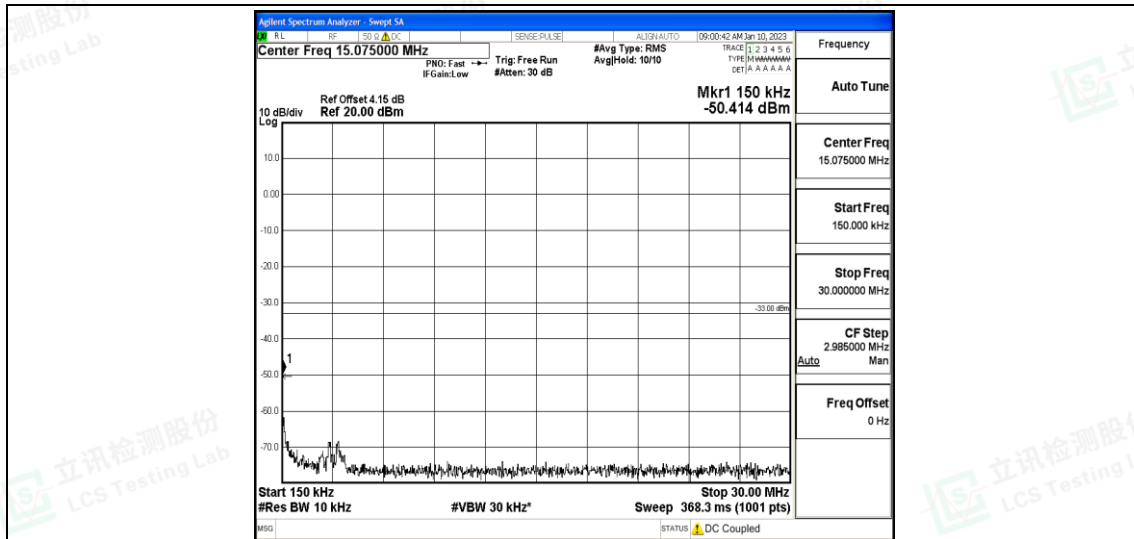
Scan code to check authenticity



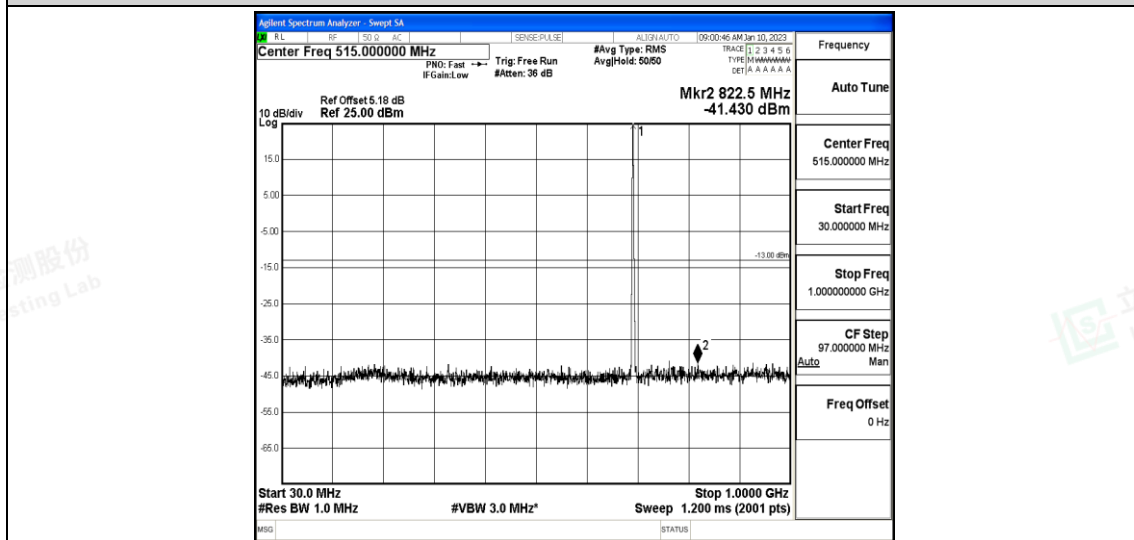
Band12	10MHz	QPSK	23060	1RB#0	Range2:0.15~30MHz	-51.81	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range3:30~1000MHz	-41.01	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range4:1000~10000MHz	-41.45	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-54.79	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.36	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.23	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-41.92	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:0.009~0.15MHz	-54.66	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:0.15~30MHz	-51.21	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range3:30~1000MHz	-40.64	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range4:1000~10000MHz	-42.46	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:0.009~0.15MHz	-55.22	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:0.15~30MHz	-51.88	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range3:30~1000MHz	-40.93	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range4:1000~10000MHz	-42.36	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.68	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-52.33	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-41.25	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-43.07	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:0.009~0.15MHz	-54.67	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:0.15~30MHz	-49.7	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range3:30~1000MHz	-41.31	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range4:1000~10000MHz	-43.37	PASS

Test Graphs

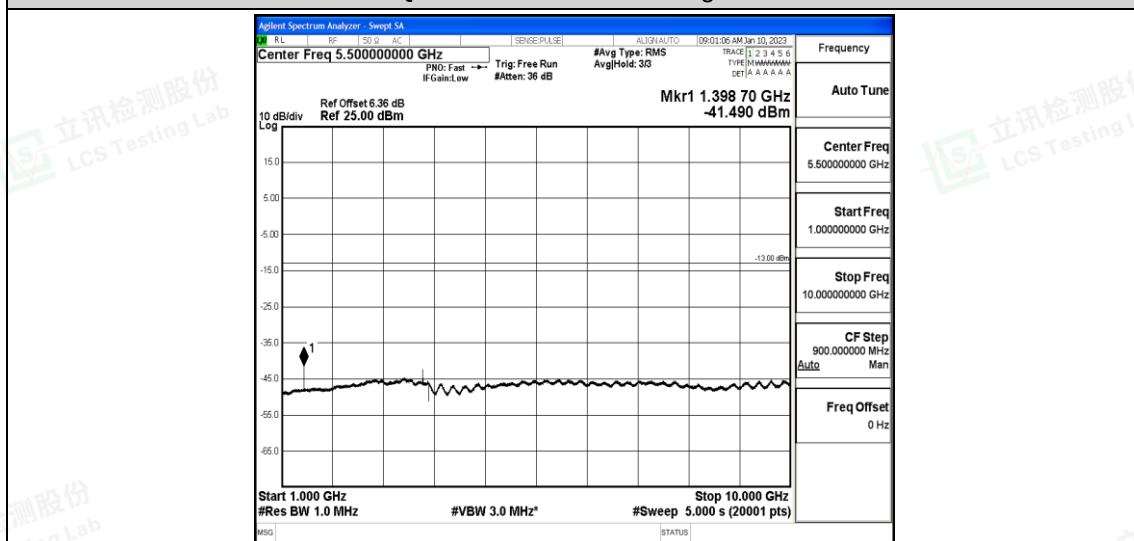




Band12-1.4MHz-QPSK-23017-1RB#0-Range3:30~1000MHz



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



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

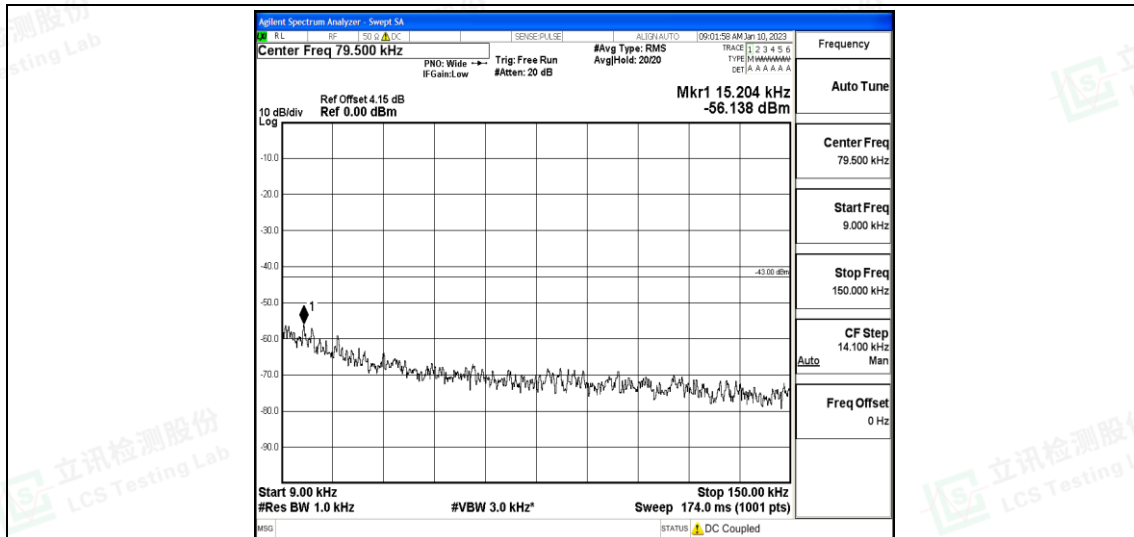


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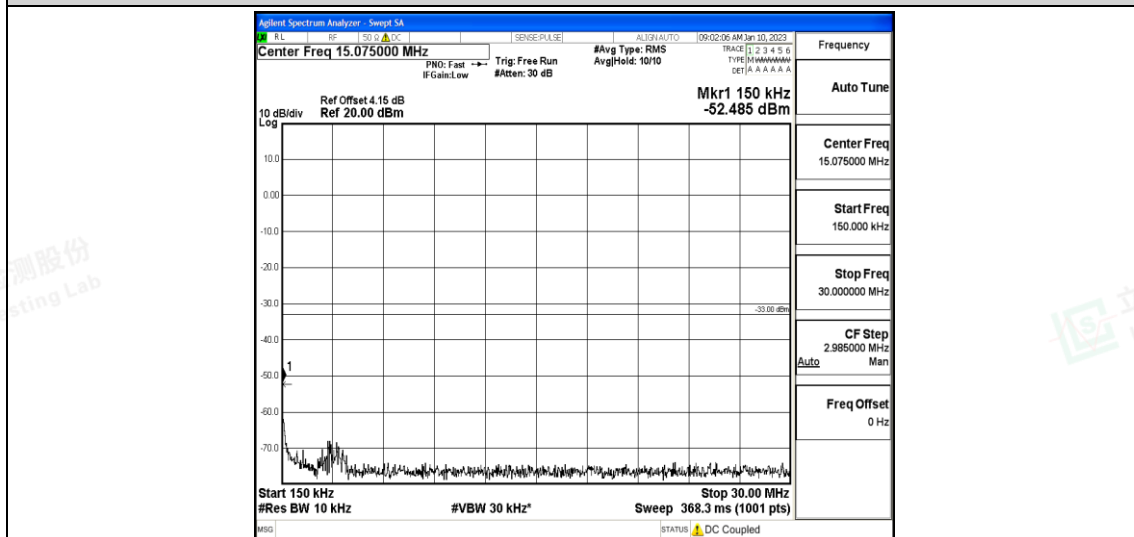
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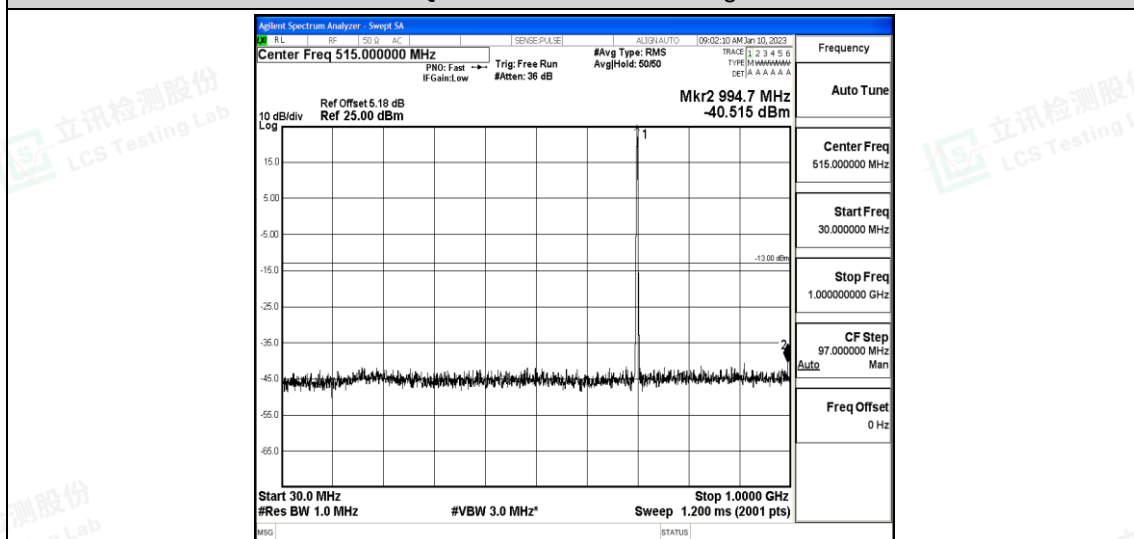
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Band12-1.4MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



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



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

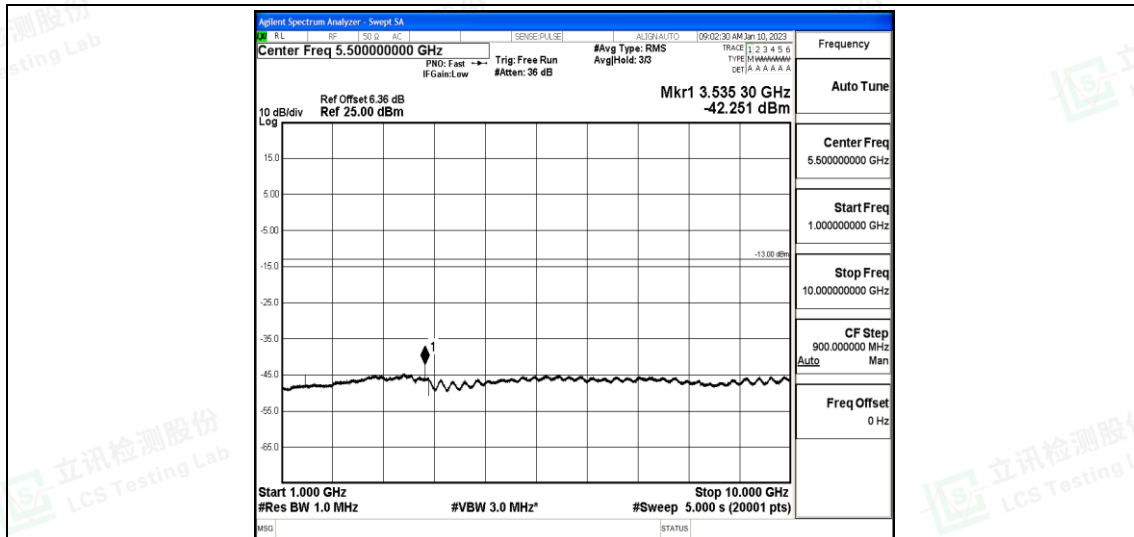


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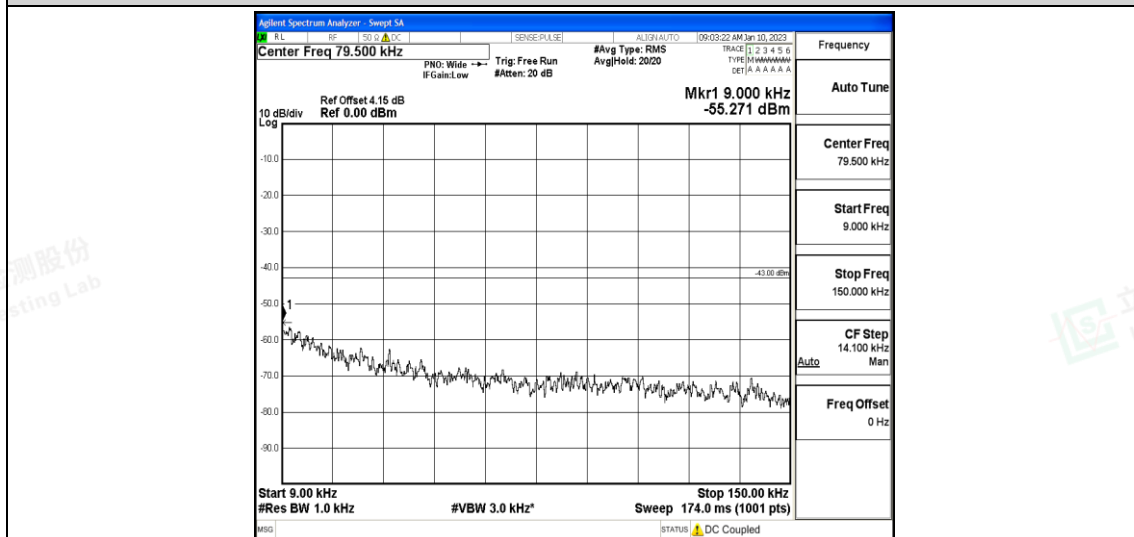
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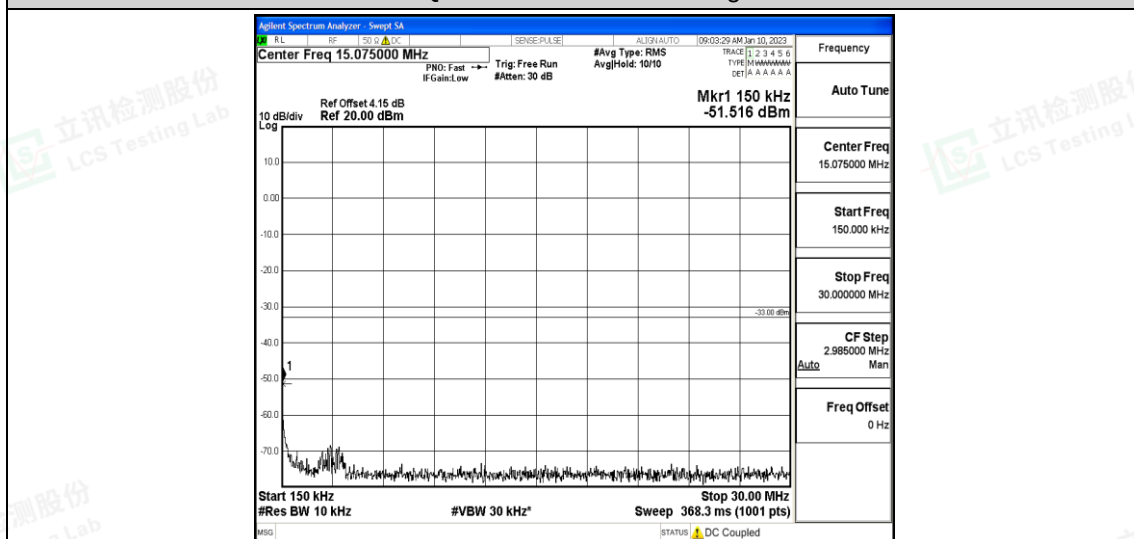
Scan code to check authenticity



Band12-1.4MHz-QPSK-23173-1RB#0-Range1:0.009~0.15MHz



Band12-1.4MHz-QPSK-23173-1RB#0-Range2:0.15~30MHz



Band12-1.4MHz-QPSK-23173-1RB#0-Range3:30~1000MHz

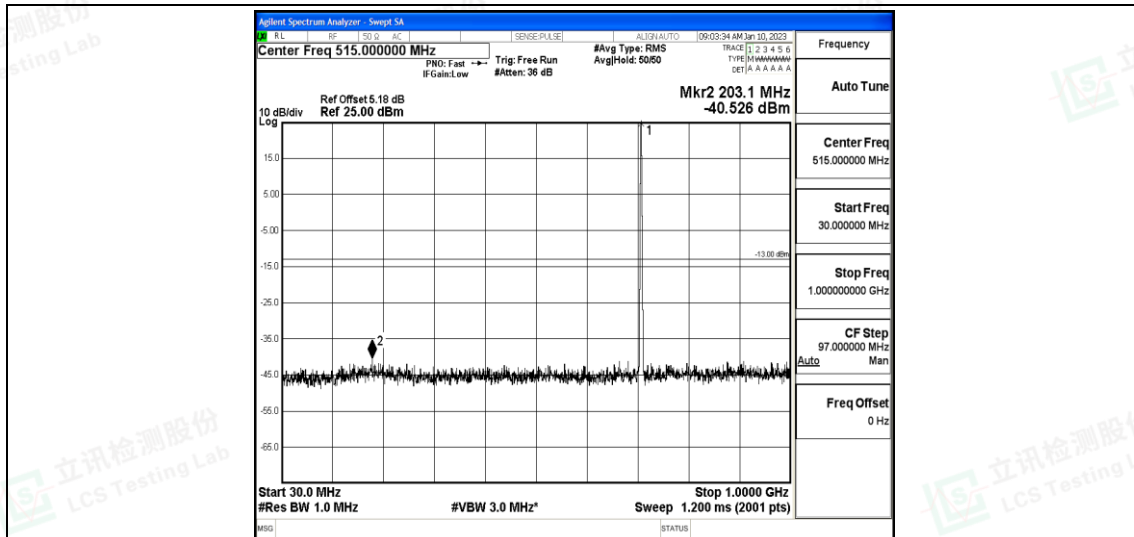


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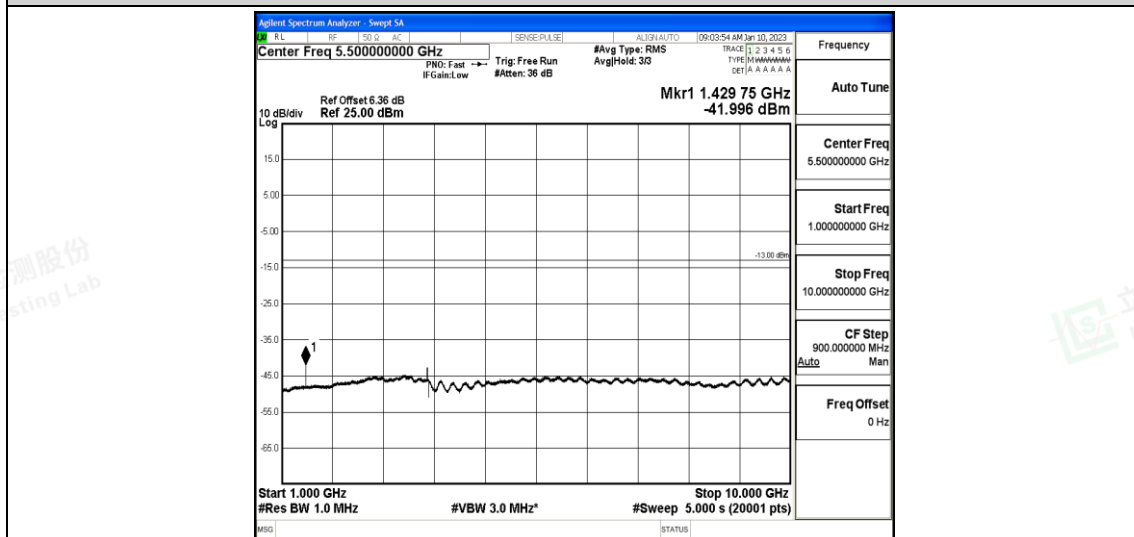
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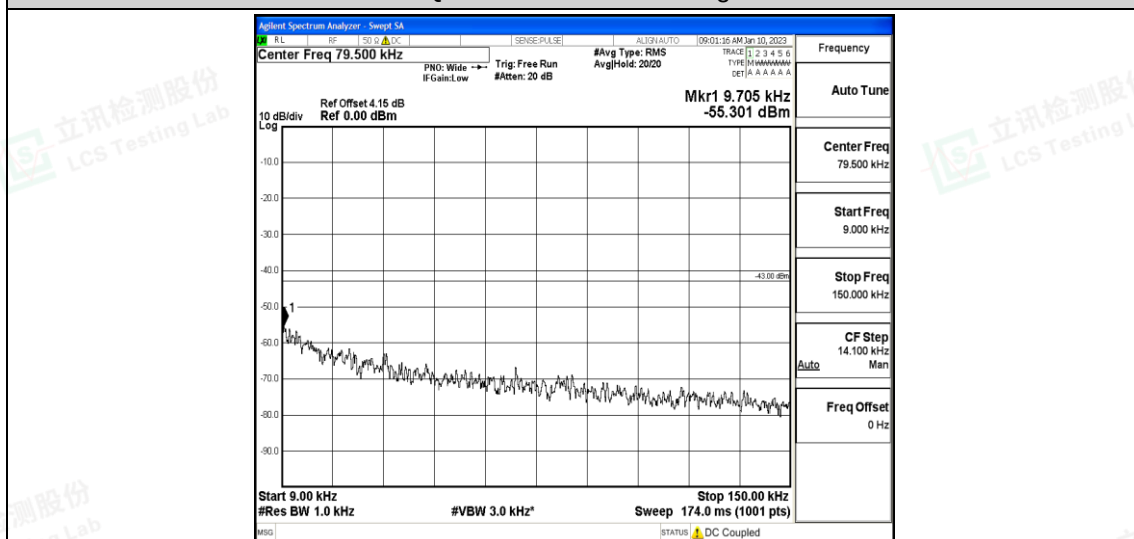
Scan code to check authenticity



Band12-1.4MHz-QPSK-23173-1RB#0-Range4:1000~10000MHz



Band12-1.4MHz-16QAM-23017-1RB#0-Range1:0.009~0.15MHz



Band12-1.4MHz-16QAM-23017-1RB#0-Range2:0.15~30MHz

