



Appendix N: Test Data for E-UTRA Band 38

Product Name: smart handheld terminal

Test Model: KP36

Environmental Conditions

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





N.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	20.05	PASS
Band38	5MHz	QPSK	37775	1RB#12	20.12	PASS
Band38	5MHz	QPSK	37775	1RB#24	20.32	PASS
Band38	5MHz	QPSK	37775	12RB#0	19.51	PASS
Band38	5MHz	QPSK	37775	12RB#6	19.52	PASS
Band38	5MHz	QPSK	37775	12RB#13	19.64	PASS
Band38	5MHz	QPSK	37775	25RB#0	19.53	PASS
Band38	5MHz	QPSK	38000	1RB#0	20.40	PASS
Band38	5MHz	QPSK	38000	1RB#12	20.22	PASS
Band38	5MHz	QPSK	38000	1RB#24	20.10	PASS
Band38	5MHz	QPSK	38000	12RB#0	19.65	PASS
Band38	5MHz	QPSK	38000	12RB#6	19.67	PASS
Band38	5MHz	QPSK	38000	12RB#13	19.50	PASS
Band38	5MHz	QPSK	38000	25RB#0	19.65	PASS
Band38	5MHz	QPSK	38225	1RB#0	19.21	PASS
Band38	5MHz	QPSK	38225	1RB#12	19.27	PASS
Band38	5MHz	QPSK	38225	1RB#24	19.32	PASS
Band38	5MHz	QPSK	38225	12RB#0	18.89	PASS
Band38	5MHz	QPSK	38225	12RB#6	18.75	PASS
Band38	5MHz	QPSK	38225	12RB#13	18.91	PASS
Band38	5MHz	QPSK	38225	25RB#0	18.77	PASS
Band38	5MHz	16QAM	37775	1RB#0	19.87	PASS
Band38	5MHz	16QAM	37775	1RB#12	20.14	PASS
Band38	5MHz	16QAM	37775	1RB#24	20.22	PASS
Band38	5MHz	16QAM	37775	12RB#0	18.54	PASS
Band38	5MHz	16QAM	37775	12RB#6	18.52	PASS
Band38	5MHz	16QAM	37775	12RB#13	18.64	PASS
Band38	5MHz	16QAM	37775	25RB#0	18.74	PASS
Band38	5MHz	16QAM	38000	1RB#0	20.12	PASS
Band38	5MHz	16QAM	38000	1RB#12	20.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	19.70	PASS



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Band38	5MHz	16QAM	38000	12RB#0	18.79	PASS
Band38	5MHz	16QAM	38000	12RB#6	18.81	PASS
Band38	5MHz	16QAM	38000	12RB#13	18.55	PASS
Band38	5MHz	16QAM	38000	25RB#0	18.82	PASS
Band38	5MHz	16QAM	38225	1RB#0	18.65	PASS
Band38	5MHz	16QAM	38225	1RB#12	18.61	PASS
Band38	5MHz	16QAM	38225	1RB#24	18.82	PASS
Band38	5MHz	16QAM	38225	12RB#0	17.81	PASS
Band38	5MHz	16QAM	38225	12RB#6	17.81	PASS
Band38	5MHz	16QAM	38225	12RB#13	17.95	PASS
Band38	5MHz	16QAM	38225	25RB#0	17.79	PASS
Band38	10MHz	QPSK	37800	1RB#0	20.01	PASS
Band38	10MHz	QPSK	37800	1RB#24	20.22	PASS
Band38	10MHz	QPSK	37800	1RB#49	20.39	PASS
Band38	10MHz	QPSK	37800	25RB#0	19.65	PASS
Band38	10MHz	QPSK	37800	25RB#12	19.65	PASS
Band38	10MHz	QPSK	37800	25RB#25	19.87	PASS
Band38	10MHz	QPSK	37800	50RB#0	19.71	PASS
Band38	10MHz	QPSK	38000	1RB#0	20.13	PASS
Band38	10MHz	QPSK	38000	1RB#24	20.09	PASS
Band38	10MHz	QPSK	38000	1RB#49	19.76	PASS
Band38	10MHz	QPSK	38000	25RB#0	19.70	PASS
Band38	10MHz	QPSK	38000	25RB#12	19.71	PASS
Band38	10MHz	QPSK	38000	25RB#25	19.48	PASS
Band38	10MHz	QPSK	38000	50RB#0	19.63	PASS
Band38	10MHz	QPSK	38200	1RB#0	19.17	PASS
Band38	10MHz	QPSK	38200	1RB#24	19.14	PASS
Band38	10MHz	QPSK	38200	1RB#49	19.28	PASS
Band38	10MHz	QPSK	38200	25RB#0	18.71	PASS
Band38	10MHz	QPSK	38200	25RB#12	18.82	PASS
Band38	10MHz	QPSK	38200	25RB#25	18.95	PASS
Band38	10MHz	QPSK	38200	50RB#0	18.85	PASS
Band38	10MHz	16QAM	37800	1RB#0	19.64	PASS
Band38	10MHz	16QAM	37800	1RB#24	19.81	PASS
Band38	10MHz	16QAM	37800	1RB#49	20.04	PASS



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Band38	10MHz	16QAM	37800	25RB#0	18.72	PASS
Band38	10MHz	16QAM	37800	25RB#12	18.72	PASS
Band38	10MHz	16QAM	37800	25RB#25	18.81	PASS
Band38	10MHz	16QAM	37800	50RB#0	18.85	PASS
Band38	10MHz	16QAM	38000	1RB#0	19.85	PASS
Band38	10MHz	16QAM	38000	1RB#24	19.67	PASS
Band38	10MHz	16QAM	38000	1RB#49	19.41	PASS
Band38	10MHz	16QAM	38000	25RB#0	18.71	PASS
Band38	10MHz	16QAM	38000	25RB#12	18.82	PASS
Band38	10MHz	16QAM	38000	25RB#25	18.62	PASS
Band38	10MHz	16QAM	38000	50RB#0	18.74	PASS
Band38	10MHz	16QAM	38200	1RB#0	18.65	PASS
Band38	10MHz	16QAM	38200	1RB#24	18.72	PASS
Band38	10MHz	16QAM	38200	1RB#49	19.02	PASS
Band38	10MHz	16QAM	38200	25RB#0	17.91	PASS
Band38	10MHz	16QAM	38200	25RB#12	17.97	PASS
Band38	10MHz	16QAM	38200	25RB#25	17.99	PASS
Band38	10MHz	16QAM	38200	50RB#0	17.80	PASS
Band38	15MHz	QPSK	37825	1RB#0	19.97	PASS
Band38	15MHz	QPSK	37825	1RB#38	20.23	PASS
Band38	15MHz	QPSK	37825	1RB#74	20.46	PASS
Band38	15MHz	QPSK	37825	38RB#0	19.84	PASS
Band38	15MHz	QPSK	37825	38RB#18	19.84	PASS
Band38	15MHz	QPSK	37825	38RB#37	19.87	PASS
Band38	15MHz	QPSK	37825	75RB#0	19.85	PASS
Band38	15MHz	QPSK	38000	1RB#0	20.32	PASS
Band38	15MHz	QPSK	38000	1RB#38	20.11	PASS
Band38	15MHz	QPSK	38000	1RB#74	19.65	PASS
Band38	15MHz	QPSK	38000	38RB#0	19.51	PASS
Band38	15MHz	QPSK	38000	38RB#18	19.50	PASS
Band38	15MHz	QPSK	38000	38RB#37	19.51	PASS
Band38	15MHz	QPSK	38000	75RB#0	19.50	PASS
Band38	15MHz	QPSK	38175	1RB#0	19.42	PASS
Band38	15MHz	QPSK	38175	1RB#38	19.12	PASS
Band38	15MHz	QPSK	38175	1RB#74	19.31	PASS



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Band38	15MHz	QPSK	38175	38RB#0	18.85	PASS
Band38	15MHz	QPSK	38175	38RB#18	18.84	PASS
Band38	15MHz	QPSK	38175	38RB#37	18.85	PASS
Band38	15MHz	QPSK	38175	75RB#0	18.82	PASS
Band38	15MHz	16QAM	37825	1RB#0	19.65	PASS
Band38	15MHz	16QAM	37825	1RB#38	19.94	PASS
Band38	15MHz	16QAM	37825	1RB#74	20.14	PASS
Band38	15MHz	16QAM	37825	38RB#0	19.85	PASS
Band38	15MHz	16QAM	37825	38RB#18	19.84	PASS
Band38	15MHz	16QAM	37825	38RB#37	19.82	PASS
Band38	15MHz	16QAM	37825	75RB#0	18.83	PASS
Band38	15MHz	16QAM	38000	1RB#0	19.95	PASS
Band38	15MHz	16QAM	38000	1RB#38	19.71	PASS
Band38	15MHz	16QAM	38000	1RB#74	19.42	PASS
Band38	15MHz	16QAM	38000	38RB#0	19.52	PASS
Band38	15MHz	16QAM	38000	38RB#18	19.50	PASS
Band38	15MHz	16QAM	38000	38RB#37	19.50	PASS
Band38	15MHz	16QAM	38000	75RB#0	18.76	PASS
Band38	15MHz	16QAM	38175	1RB#0	18.96	PASS
Band38	15MHz	16QAM	38175	1RB#38	18.80	PASS
Band38	15MHz	16QAM	38175	1RB#74	18.90	PASS
Band38	15MHz	16QAM	38175	38RB#0	18.83	PASS
Band38	15MHz	16QAM	38175	38RB#18	18.85	PASS
Band38	15MHz	16QAM	38175	38RB#37	18.81	PASS
Band38	15MHz	16QAM	38175	75RB#0	17.95	PASS
Band38	20MHz	QPSK	37850	1RB#0	19.94	PASS
Band38	20MHz	QPSK	37850	1RB#49	20.42	PASS
Band38	20MHz	QPSK	37850	1RB#99	20.40	PASS
Band38	20MHz	QPSK	37850	50RB#0	19.61	PASS
Band38	20MHz	QPSK	37850	50RB#25	19.60	PASS
Band38	20MHz	QPSK	37850	50RB#50	19.94	PASS
Band38	20MHz	QPSK	37850	100RB#0	19.95	PASS
Band38	20MHz	QPSK	38000	1RB#0	20.61	PASS
Band38	20MHz	QPSK	38000	1RB#49	20.36	PASS
Band38	20MHz	QPSK	38000	1RB#99	19.94	PASS



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Band38	20MHz	QPSK	38000	50RB#0	19.86	PASS
Band38	20MHz	QPSK	38000	50RB#25	19.85	PASS
Band38	20MHz	QPSK	38000	50RB#50	19.42	PASS
Band38	20MHz	QPSK	38000	100RB#0	19.75	PASS
Band38	20MHz	QPSK	38150	1RB#0	19.91	PASS
Band38	20MHz	QPSK	38150	1RB#49	19.45	PASS
Band38	20MHz	QPSK	38150	1RB#99	19.51	PASS
Band38	20MHz	QPSK	38150	50RB#0	19.02	PASS
Band38	20MHz	QPSK	38150	50RB#25	19.01	PASS
Band38	20MHz	QPSK	38150	50RB#50	18.82	PASS
Band38	20MHz	QPSK	38150	100RB#0	18.95	PASS
Band38	20MHz	16QAM	37850	1RB#0	19.81	PASS
Band38	20MHz	16QAM	37850	1RB#49	20.34	PASS
Band38	20MHz	16QAM	37850	1RB#99	20.43	PASS
Band38	20MHz	16QAM	37850	50RB#0	18.93	PASS
Band38	20MHz	16QAM	37850	50RB#25	18.94	PASS
Band38	20MHz	16QAM	37850	50RB#50	19.24	PASS
Band38	20MHz	16QAM	37850	100RB#0	19.05	PASS
Band38	20MHz	16QAM	38000	1RB#0	20.164	PASS
Band38	20MHz	16QAM	38000	1RB#49	19.74	PASS
Band38	20MHz	16QAM	38000	1RB#99	19.23	PASS
Band38	20MHz	16QAM	38000	50RB#0	18.93	PASS
Band38	20MHz	16QAM	38000	50RB#25	18.92	PASS
Band38	20MHz	16QAM	38000	50RB#50	18.65	PASS
Band38	20MHz	16QAM	38000	100RB#0	18.81	PASS
Band38	20MHz	16QAM	38150	1RB#0	19.02	PASS
Band38	20MHz	16QAM	38150	1RB#49	18.54	PASS
Band38	20MHz	16QAM	38150	1RB#99	18.65	PASS
Band38	20MHz	16QAM	38150	50RB#0	18.14	PASS
Band38	20MHz	16QAM	38150	50RB#25	18.18	PASS
Band38	20MHz	16QAM	38150	50RB#50	17.94	PASS
Band38	20MHz	16QAM	38150	100RB#0	18.04	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	9.02	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	9.68	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	9.10	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	9.93	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	9.12	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	9.65	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.95	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.86	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.32	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.95	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.15	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.74	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	9.44	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	9.85	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	9.18	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	10.06	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	9.36	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	9.73	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	9.03	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.65	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	9.22	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.81	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	9.08	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.48	13	PASS



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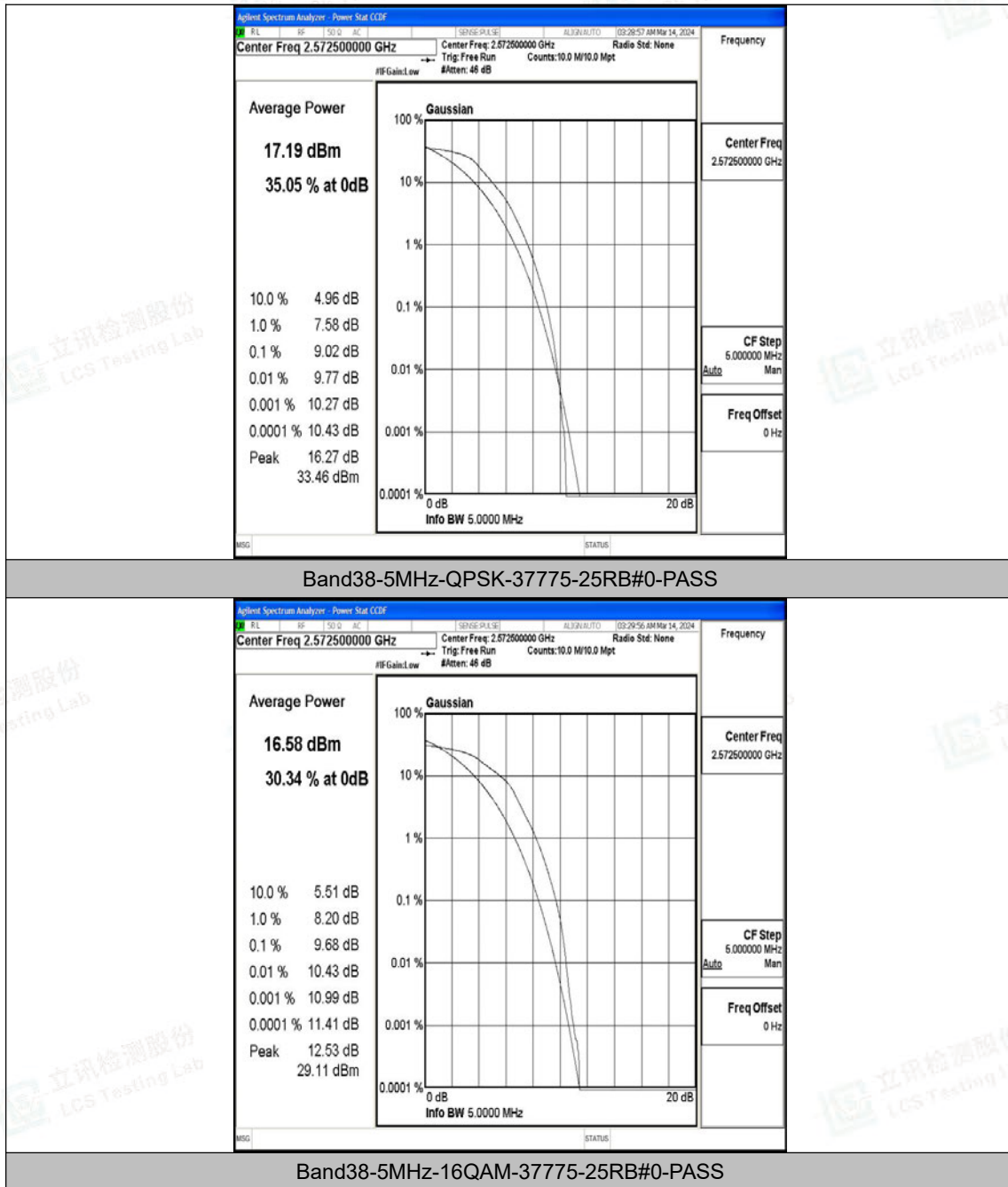
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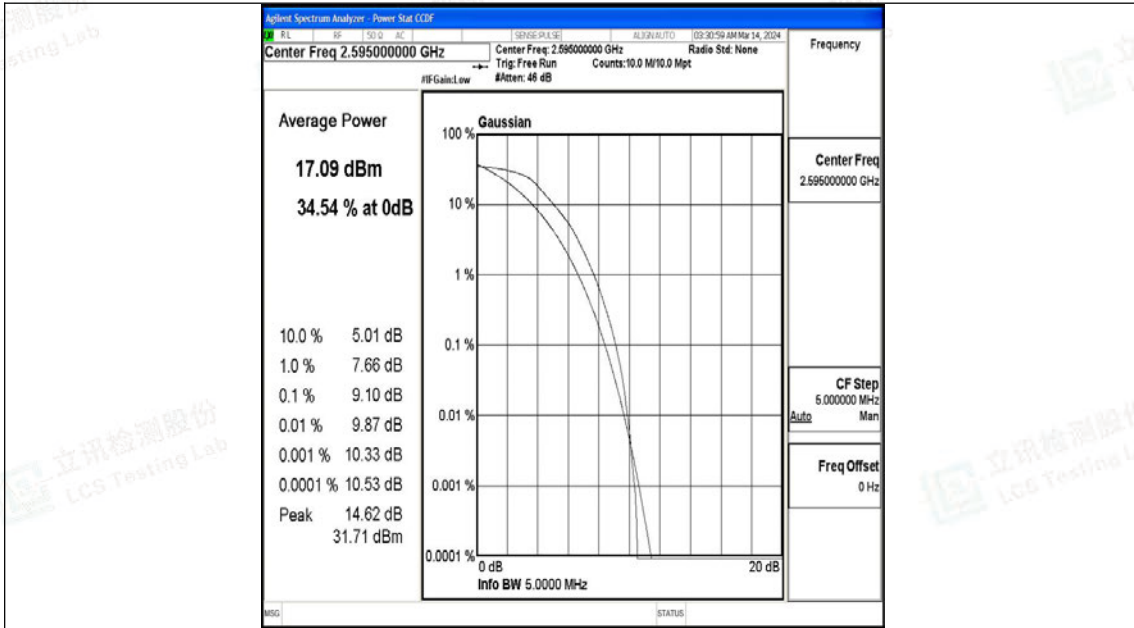
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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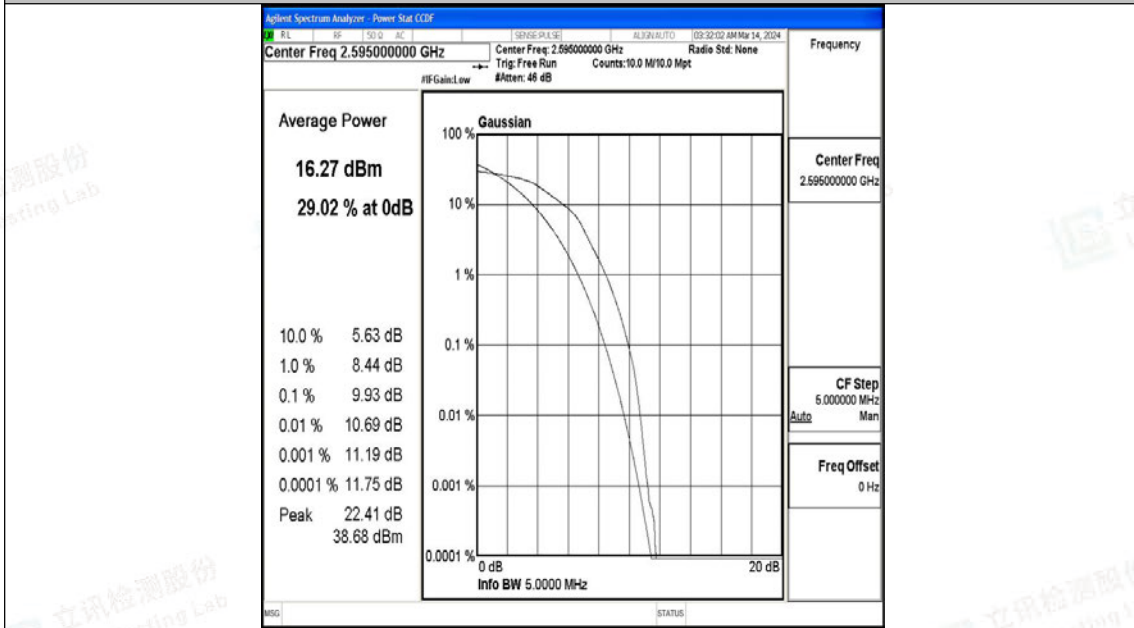


Test Graphs



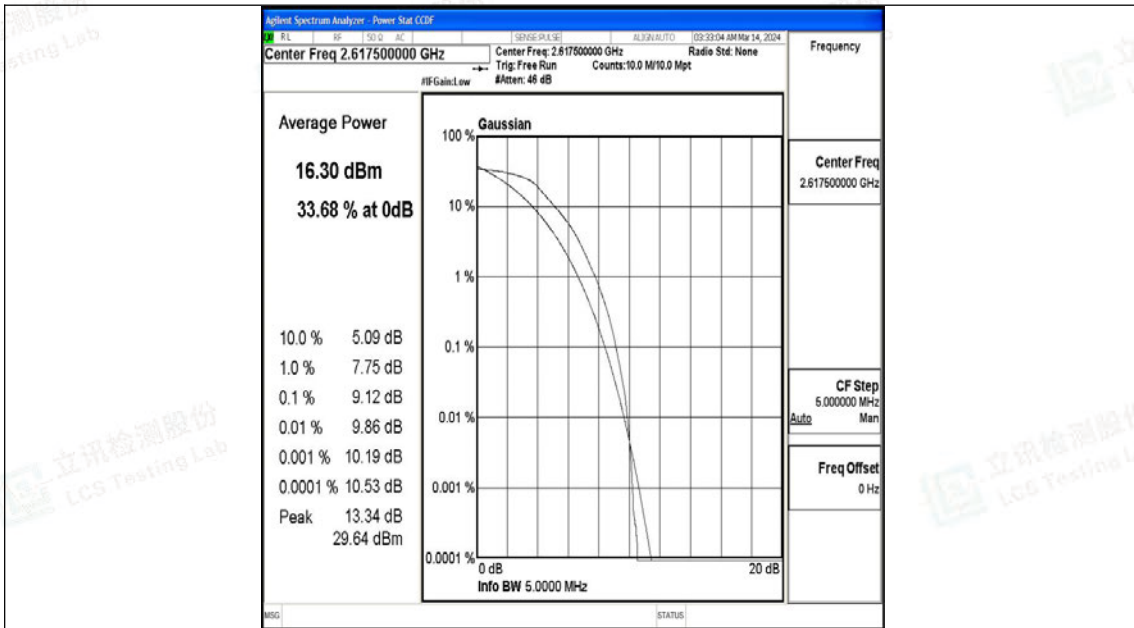


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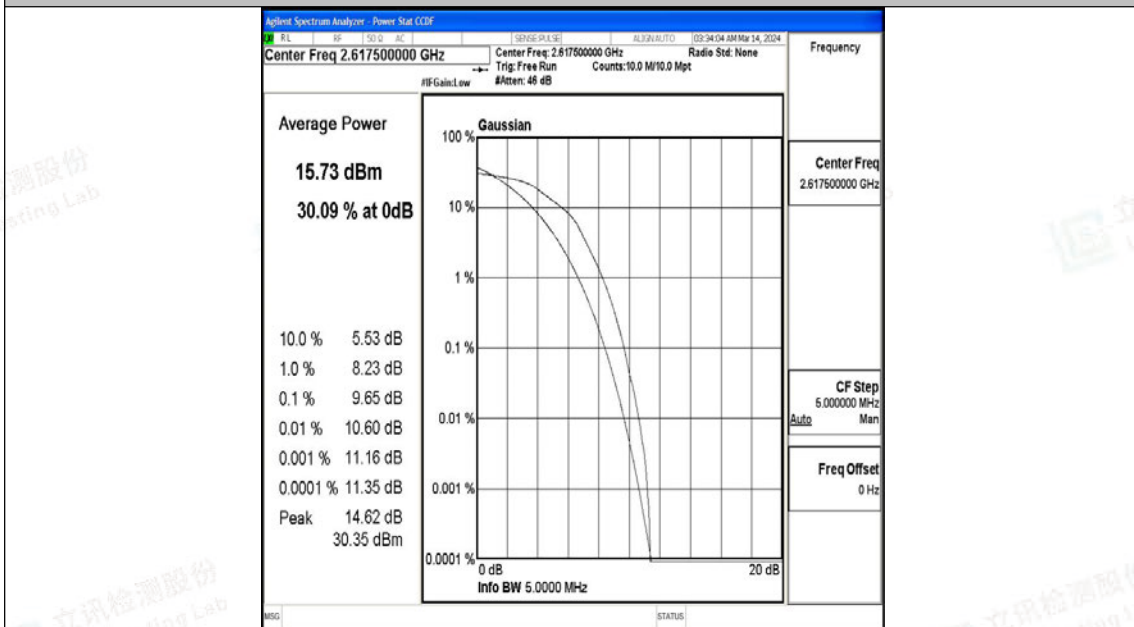


Band38-5MHz-16QAM-38000-25RB#0-PASS



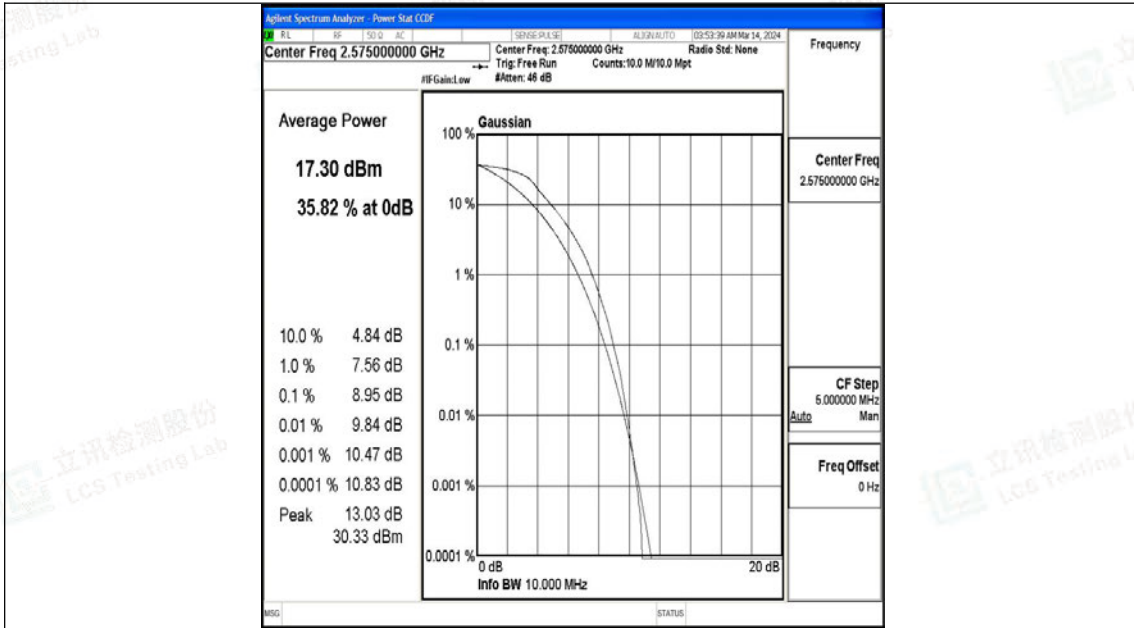


Band38-5MHz-QPSK-38225-25RB#0-PASS

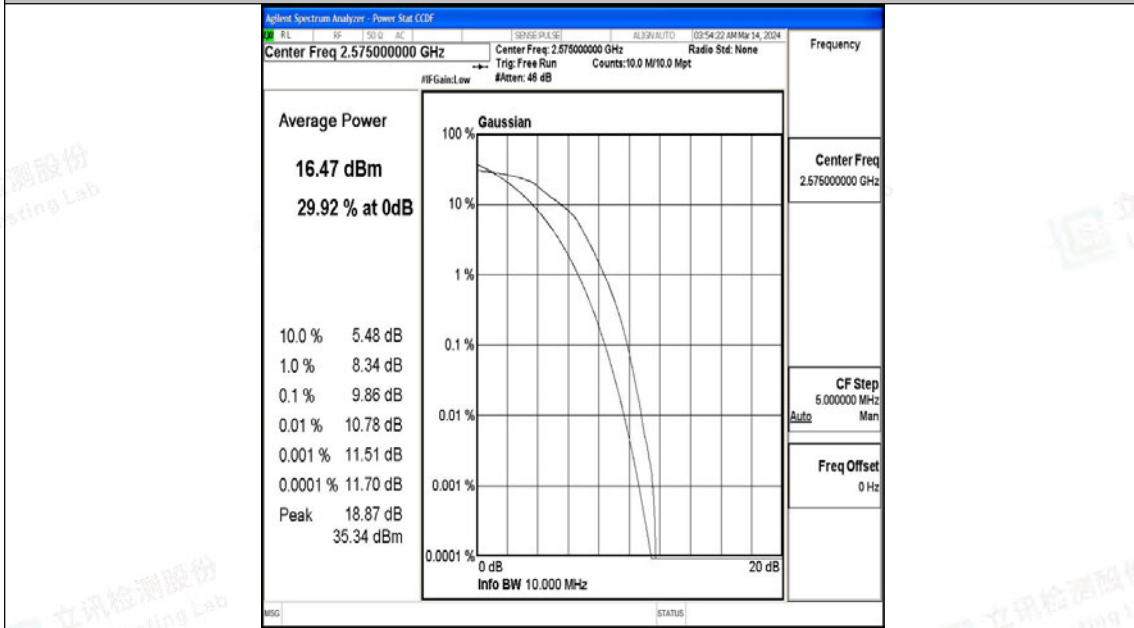


Band38-5MHz-16QAM-38225-25RB#0-PASS



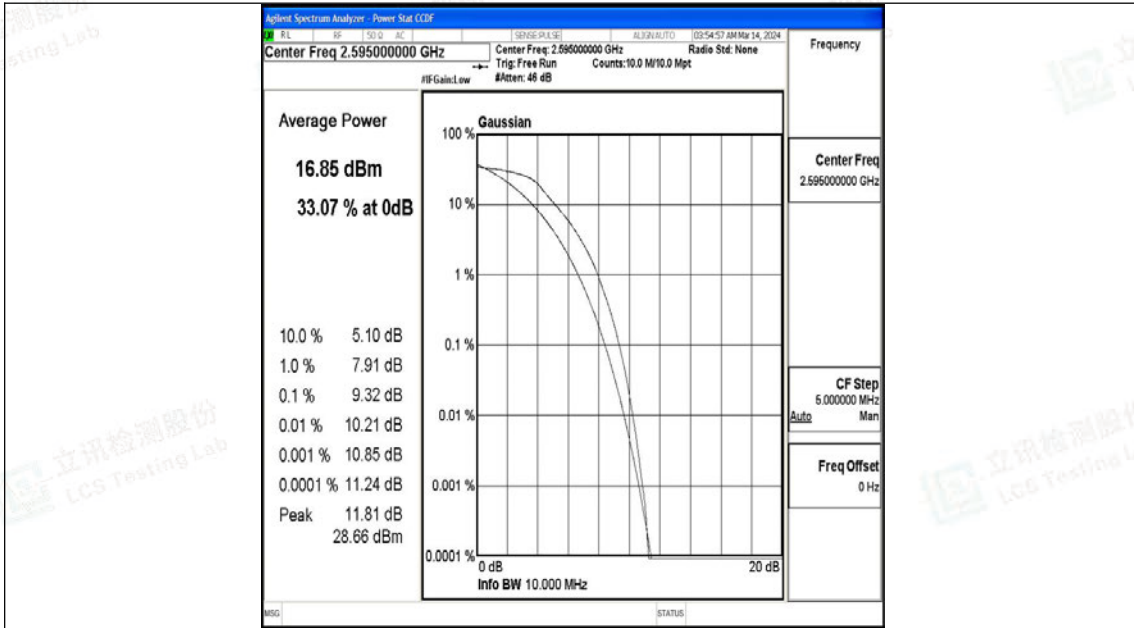


Band38-10MHz-QPSK-37800-50RB#0-PASS

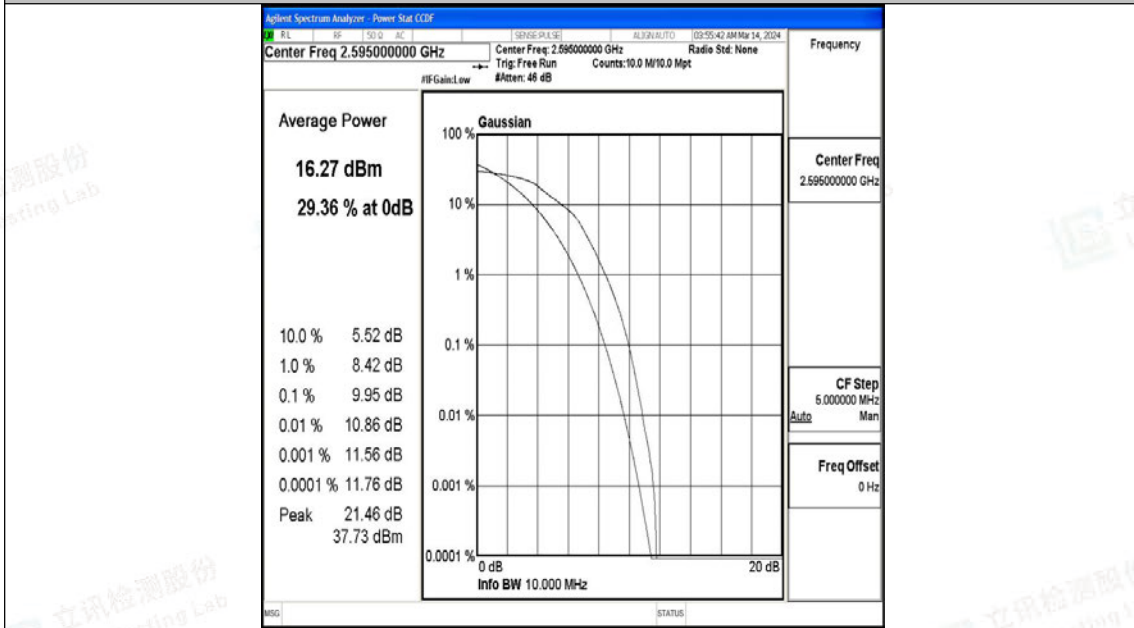


Band38-10MHz-16QAM-37800-50RB#0-PASS



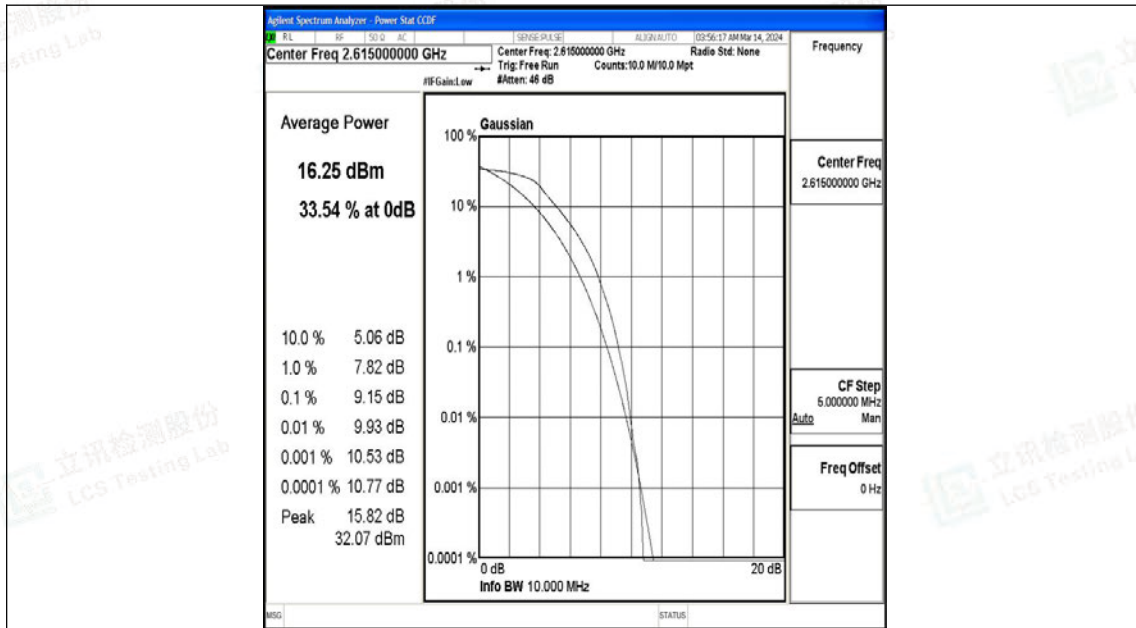


Band38-10MHz-QPSK-38000-50RB#0-PASS

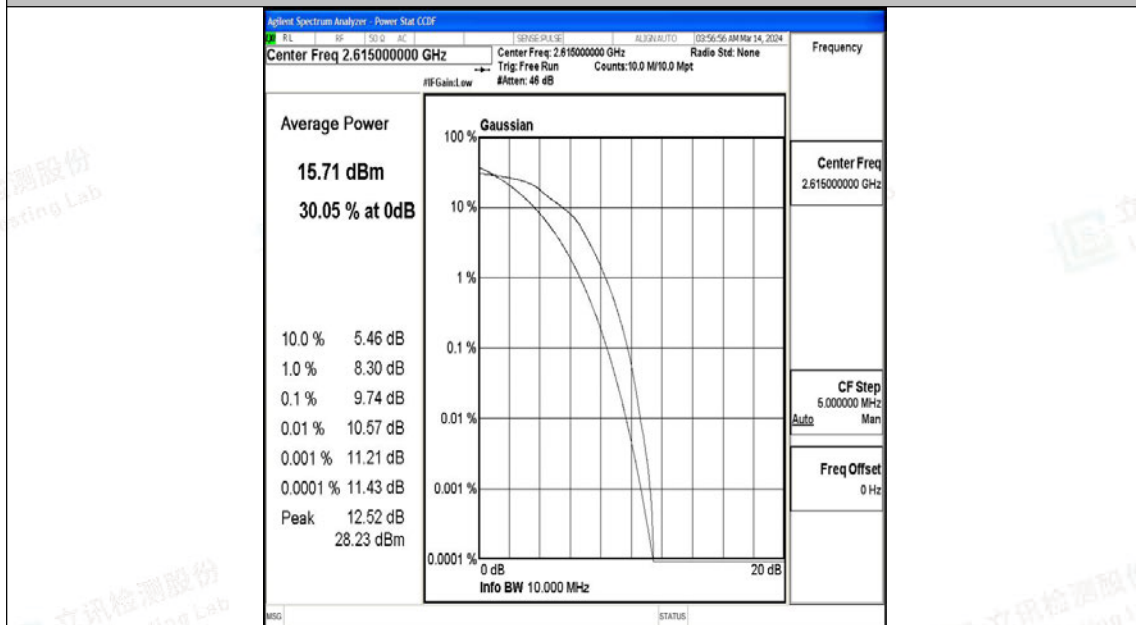


Band38-10MHz-16QAM-38000-50RB#0-PASS



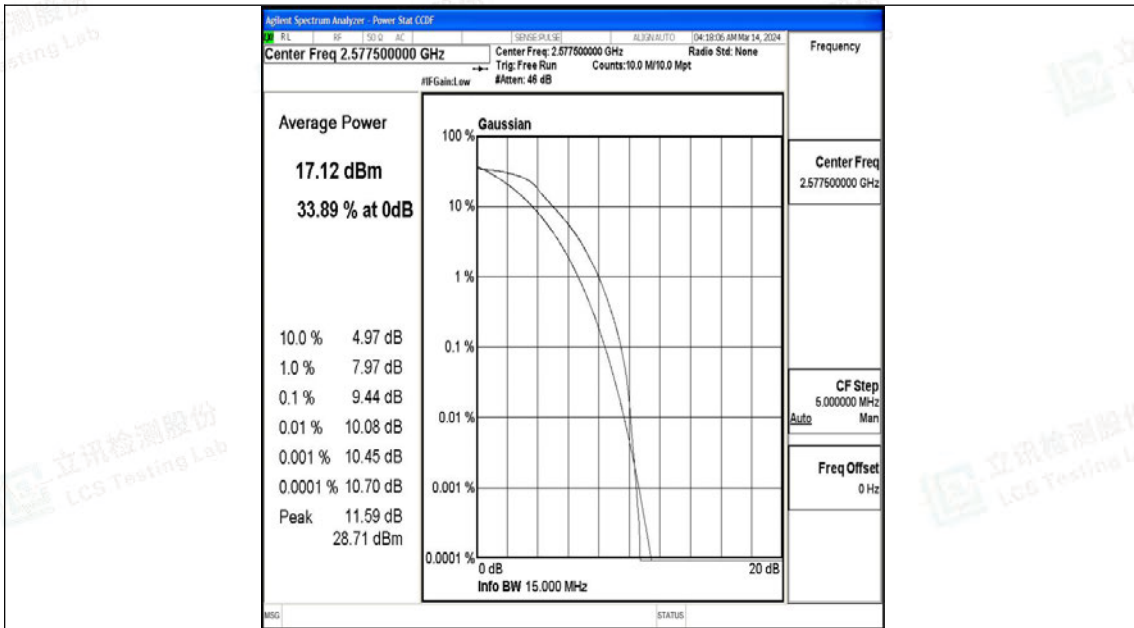


Band38-10MHz-QPSK-38200-50RB#0-PASS

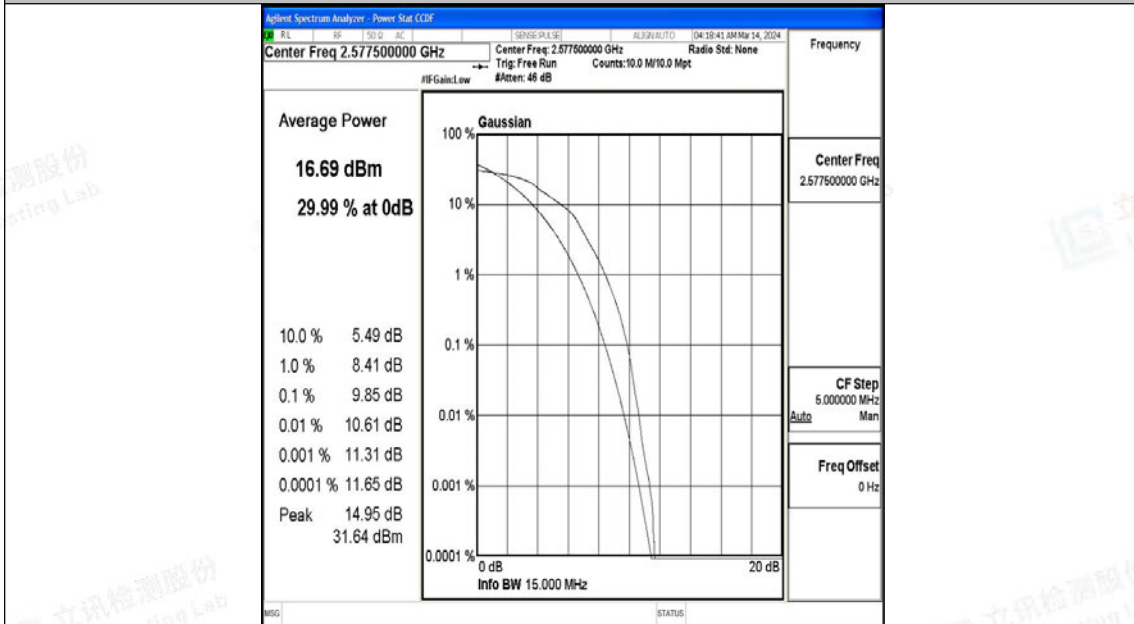


Band38-10MHz-16QAM-38200-50RB#0-PASS



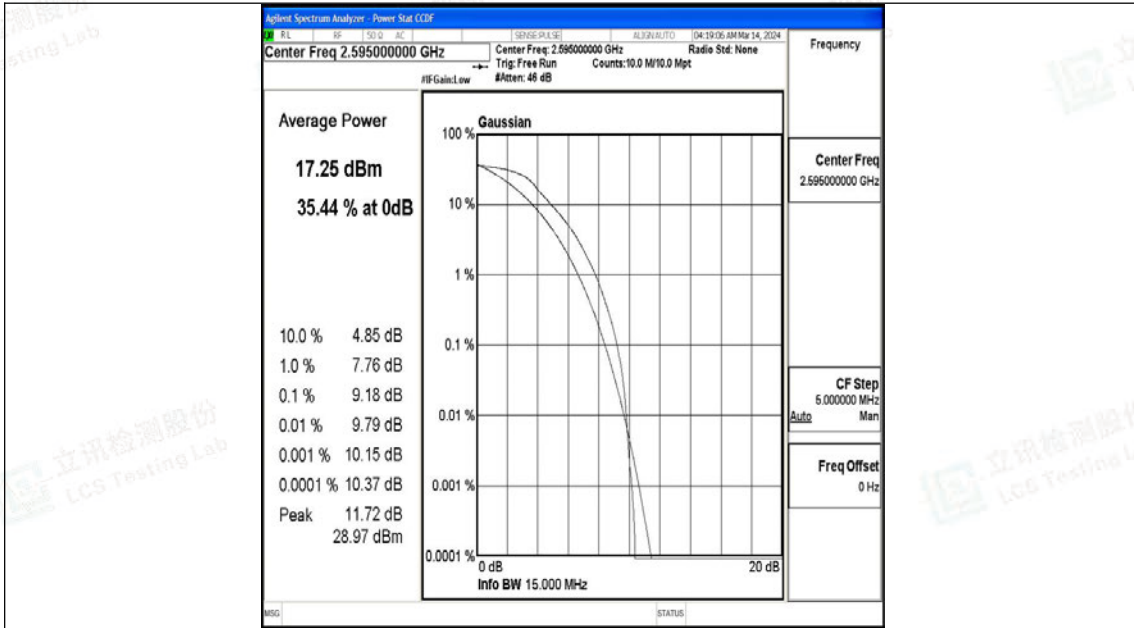


Band38-15MHz-QPSK-37825-75RB#0-PASS

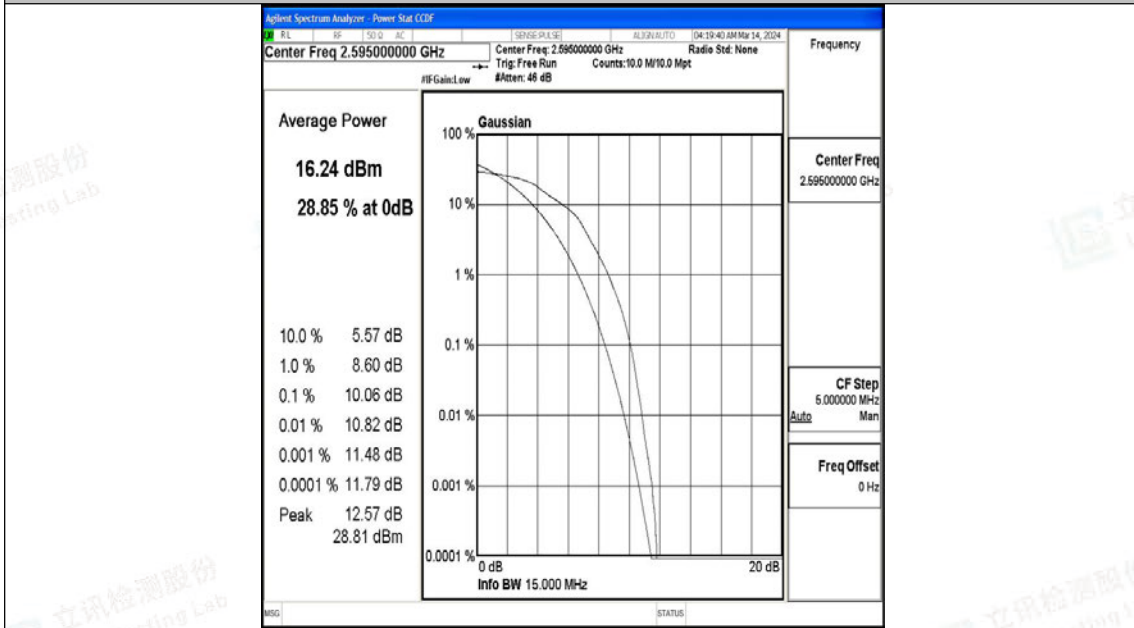


Band38-15MHz-16QAM-37825-75RB#0-PASS



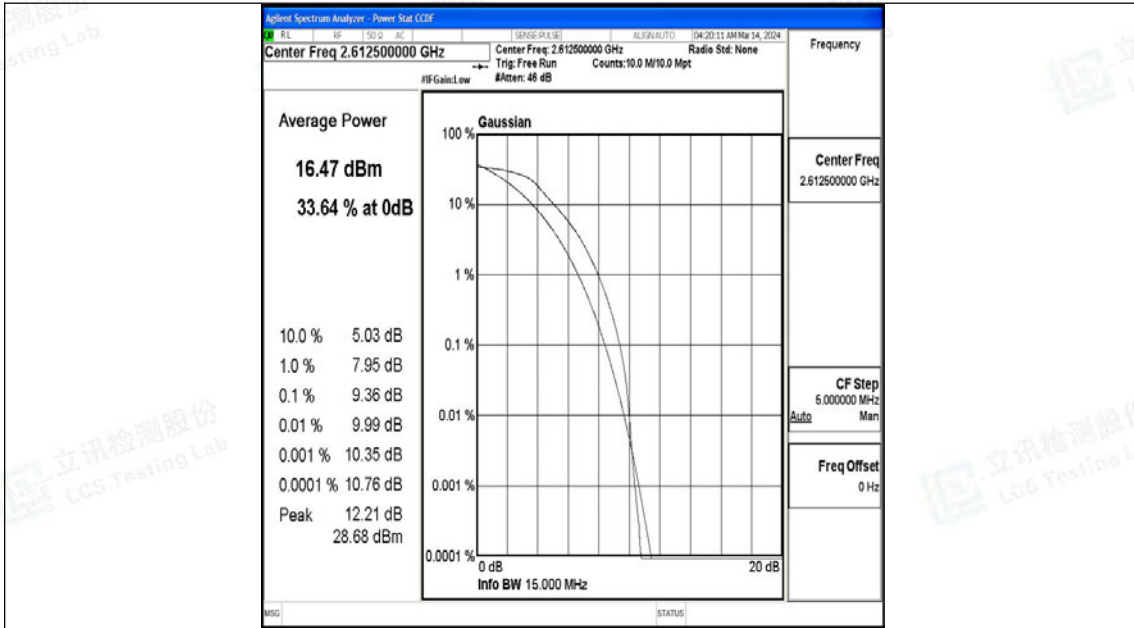


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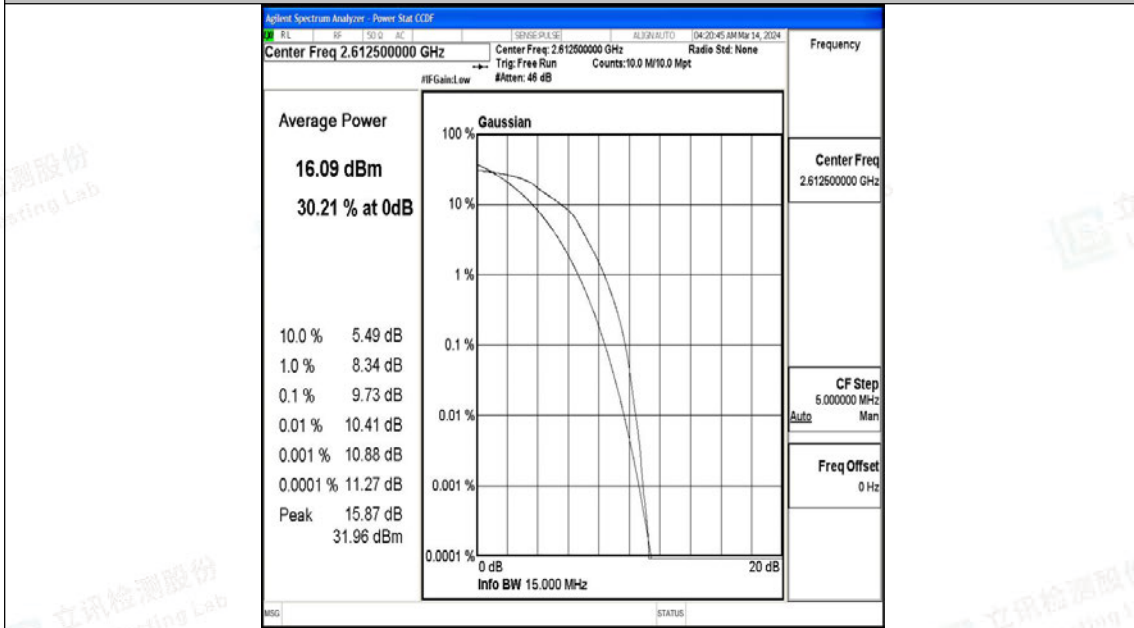


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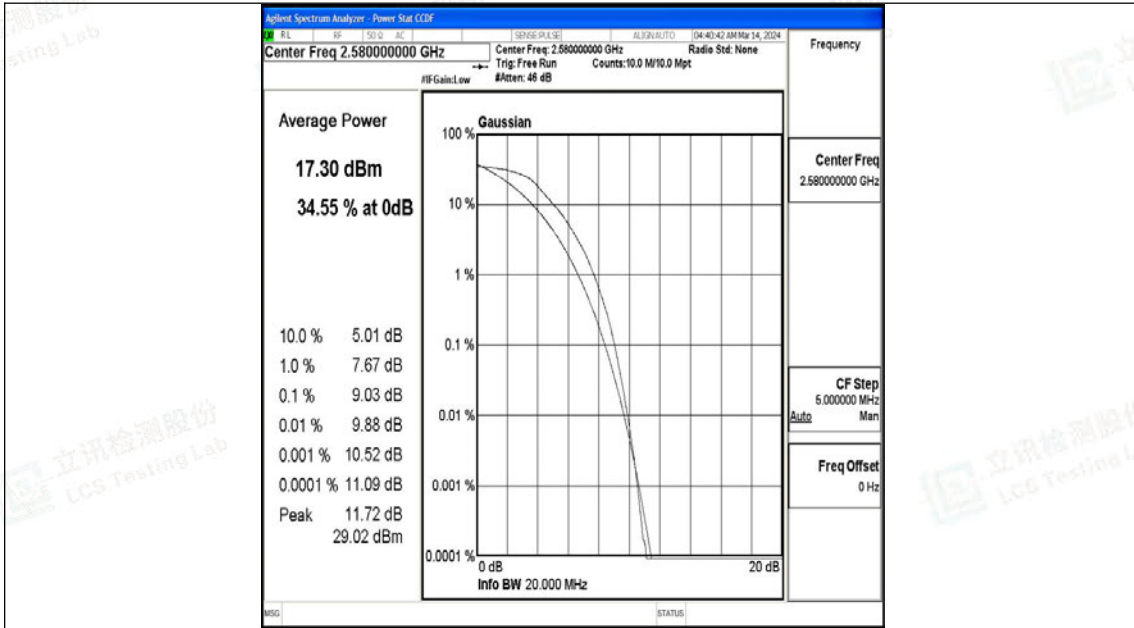


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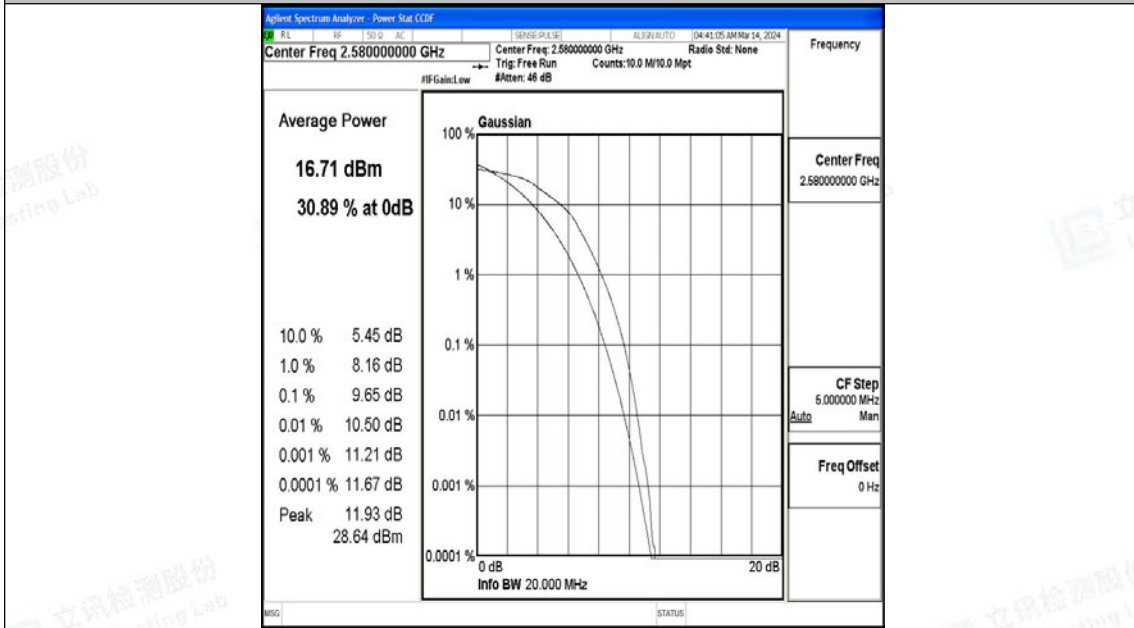


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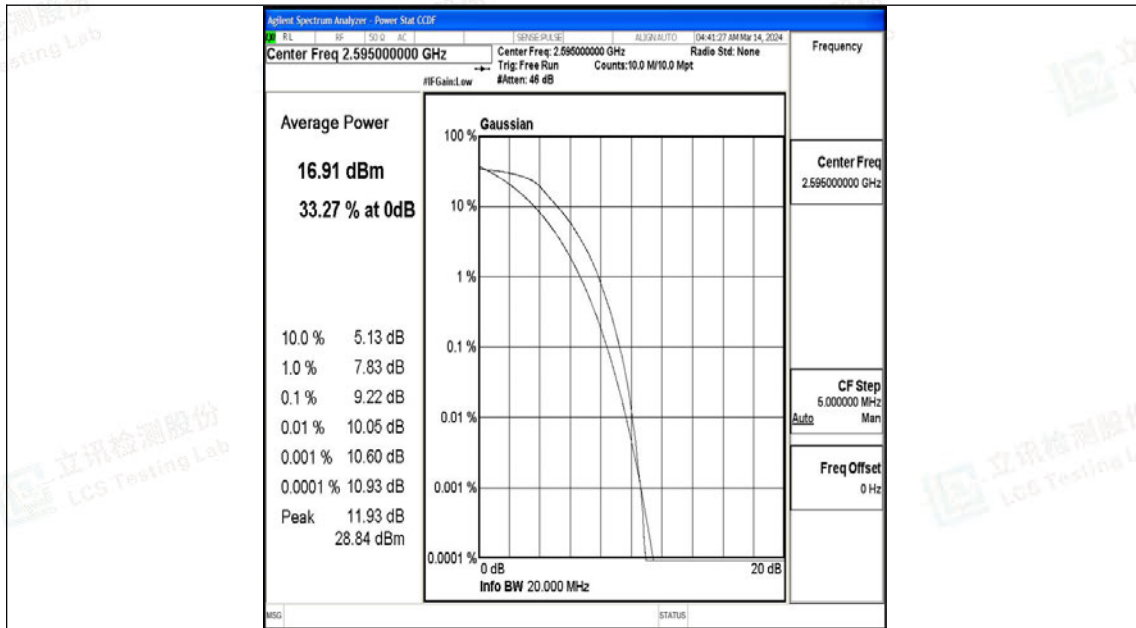


Band38-20MHz-QPSK-37850-100RB#0-PASS

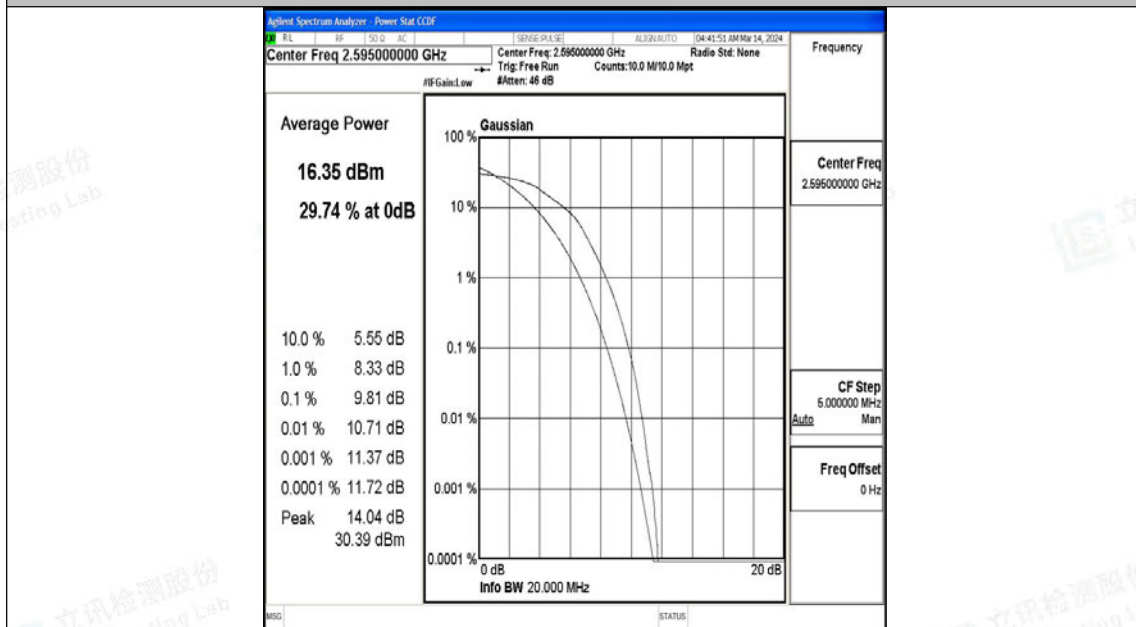


Band38-20MHz-16QAM-37850-100RB#0-PASS



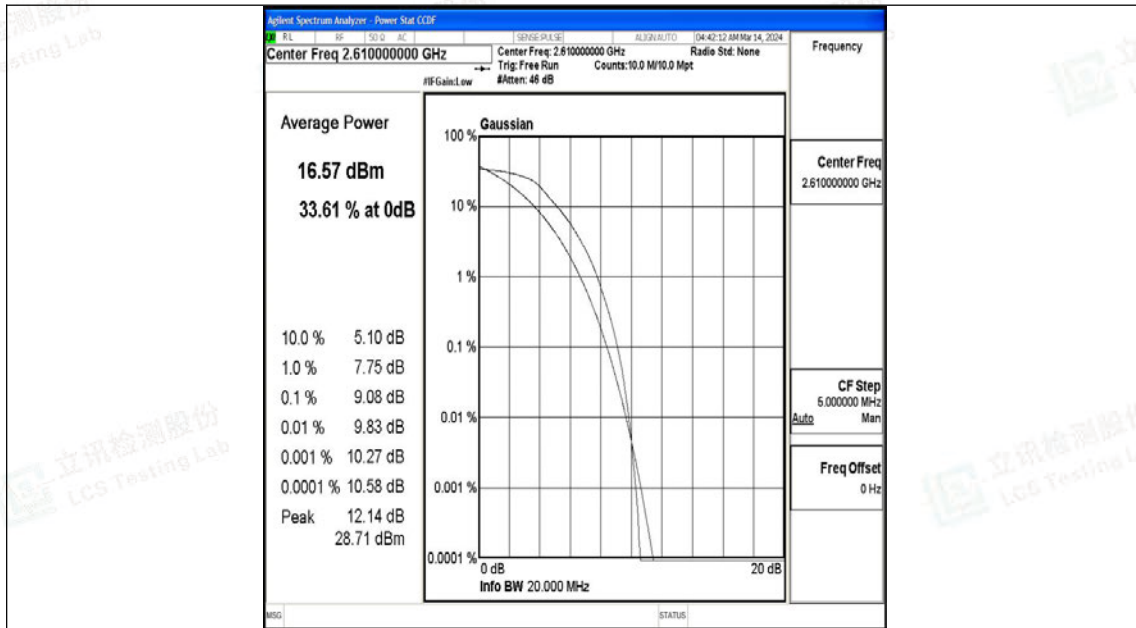


Band38-20MHz-QPSK-38000-100RB#0-PASS

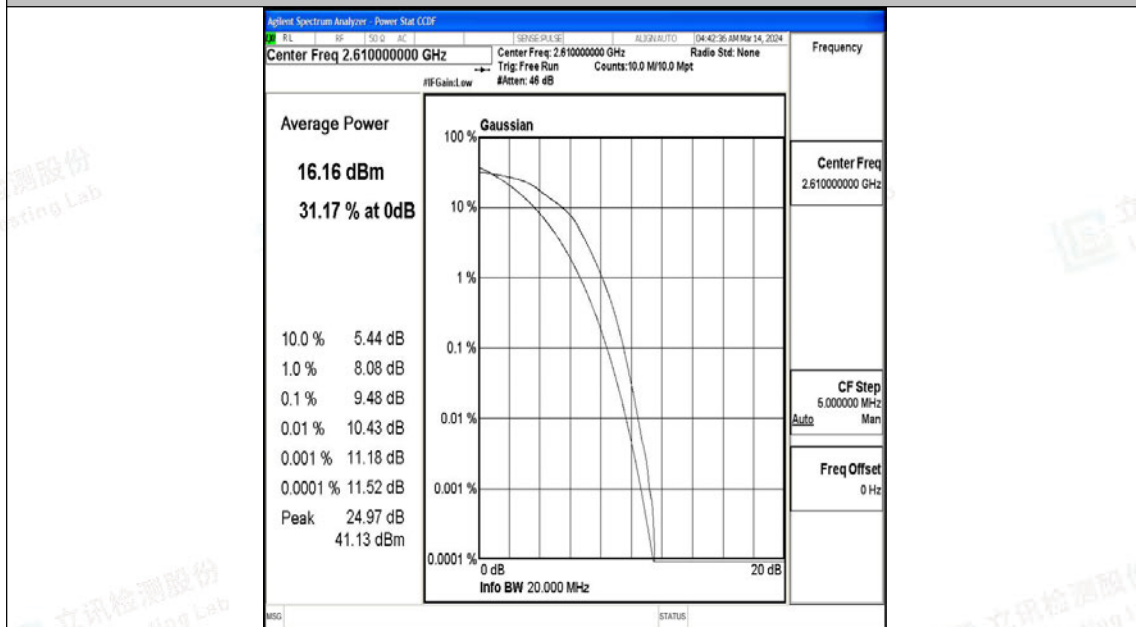


Band38-20MHz-16QAM-38000-100RB#0-PASS





Band38-20MHz-QPSK-38150-100RB#0-PASS



Band38-20MHz-16QAM-38150-100RB#0-PASS





N.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5164	5.194	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.5081	5.436	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5099	5.213	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5122	5.481	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.5052	5.077	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.5083	5.286	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.0171	10.10	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.0028	10.22	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9955	10.16	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9970	10.12	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.0238	10.05	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.0254	10.96	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.531	15.21	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.504	15.33	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.543	15.88	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.531	15.62	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.517	15.65	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.564	16.09	PASS
Band38	20MHz	QPSK	37850	100RB#0	18.011	21.08	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.974	20.49	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.989	20.70	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.991	20.38	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.983	19.76	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.964	20.81	PASS



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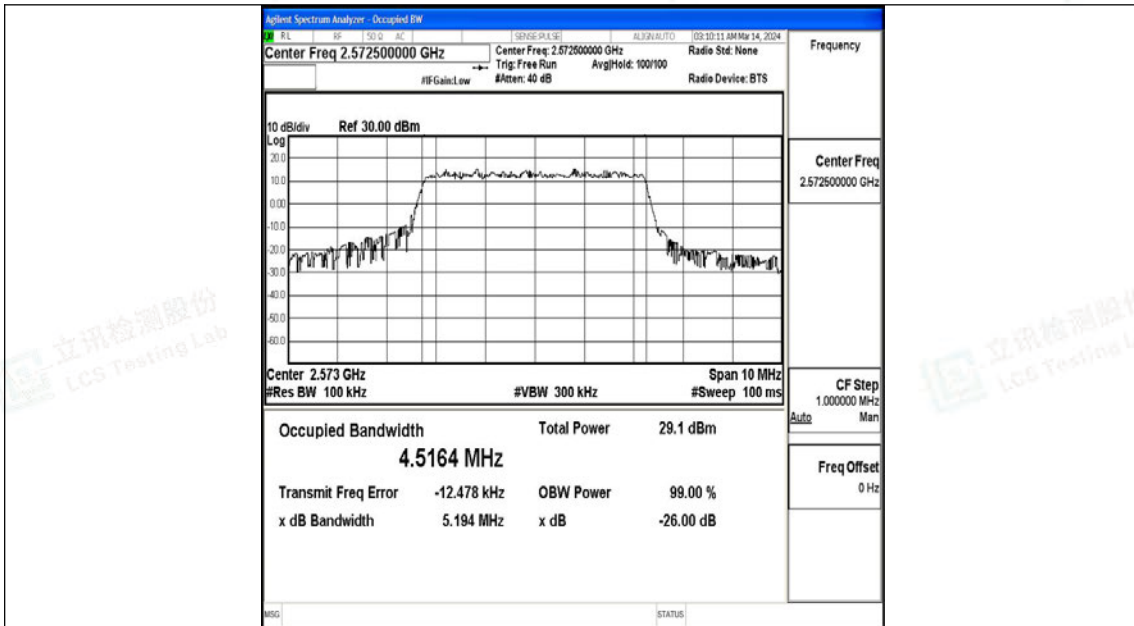
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

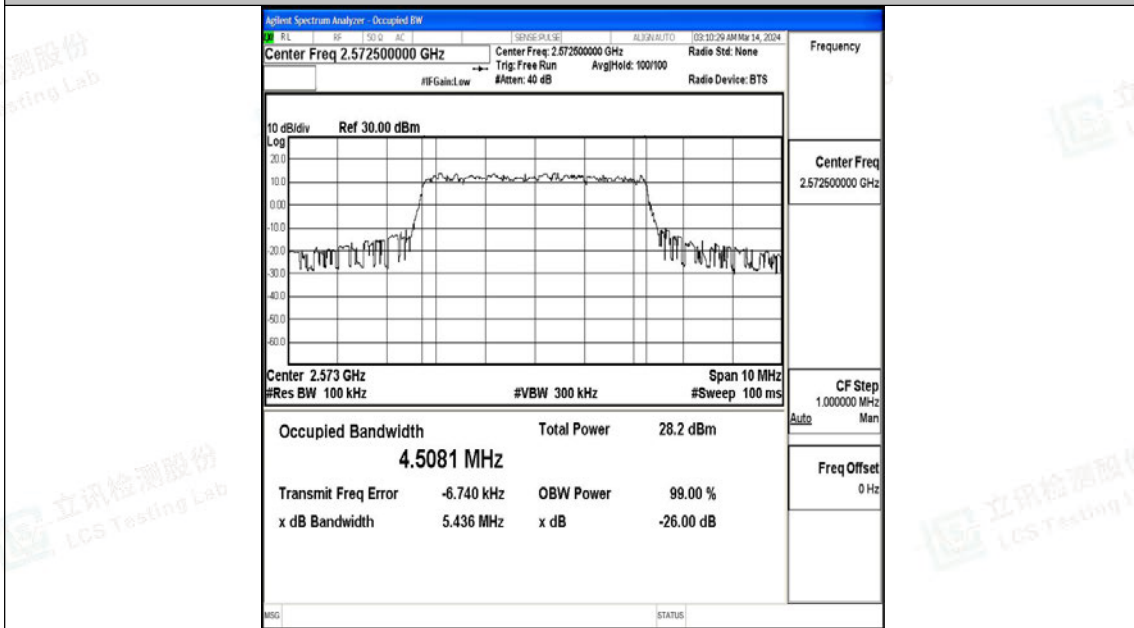
Scan code to check authenticity



Test Graphs

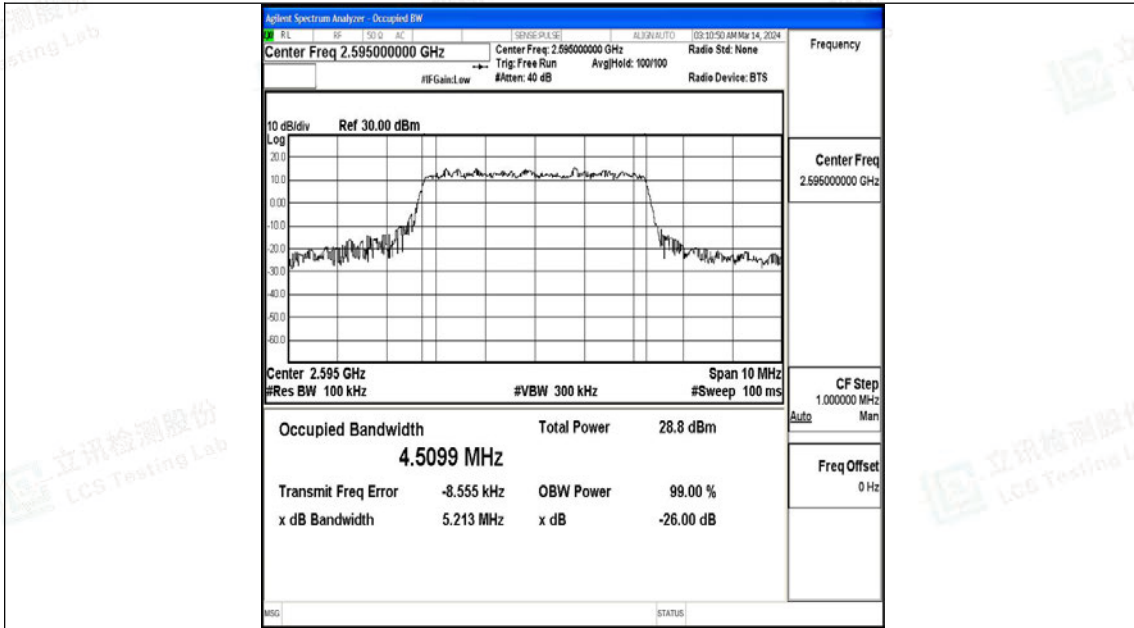


Band38-5MHz-QPSK-37775-25RB#0-PASS

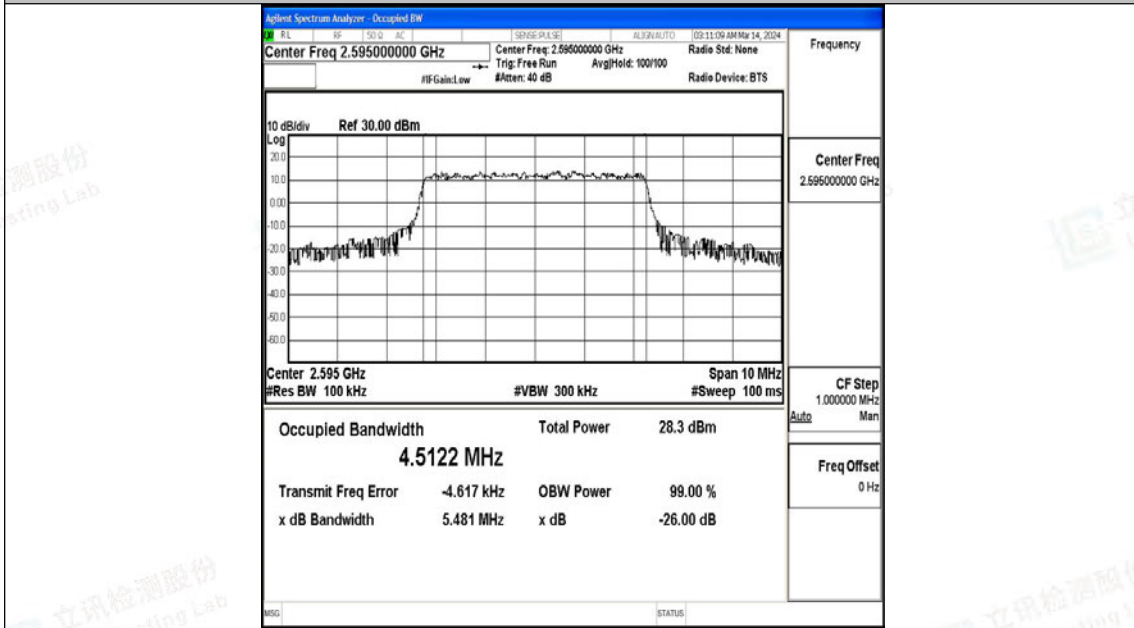


Band38-5MHz-16QAM-37775-25RB#0-PASS



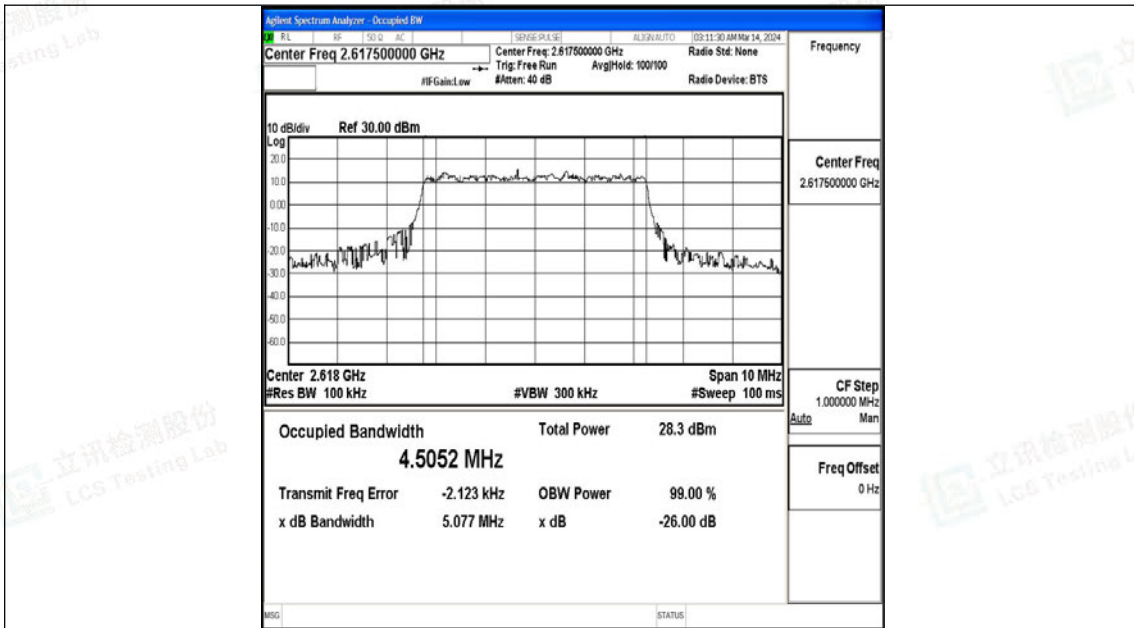


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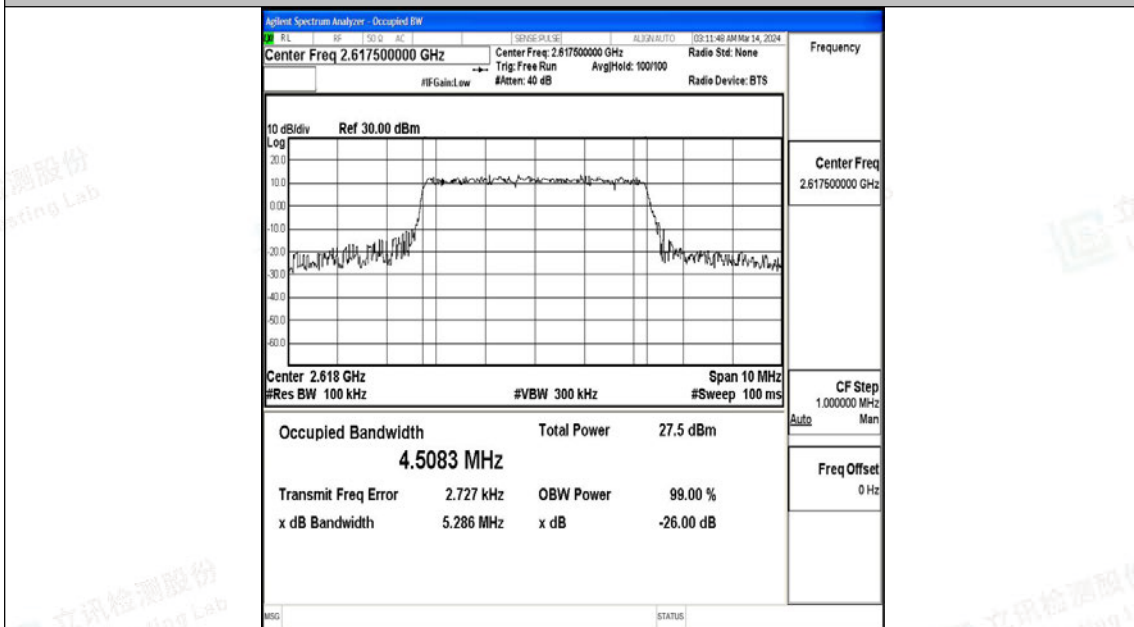


Band38-5MHz-16QAM-38000-25RB#0-PASS



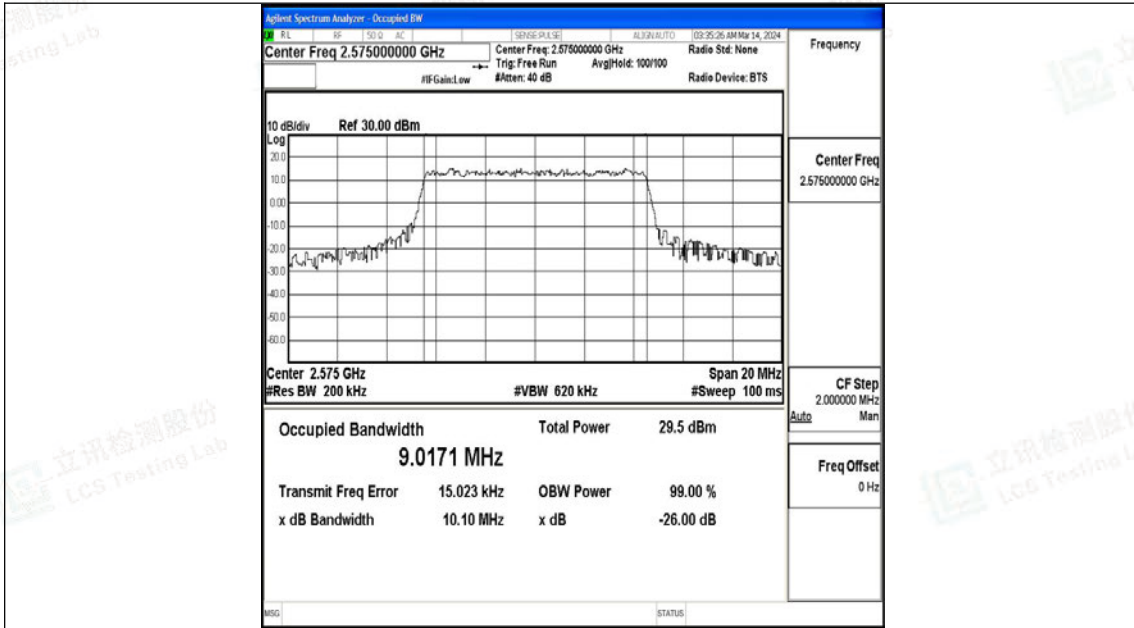


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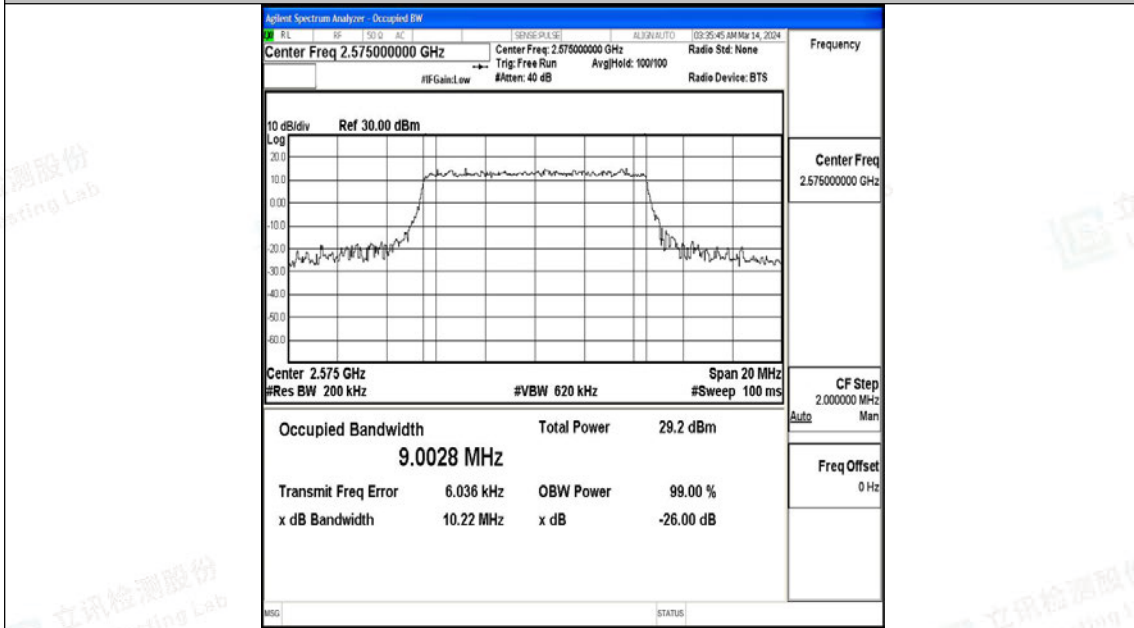


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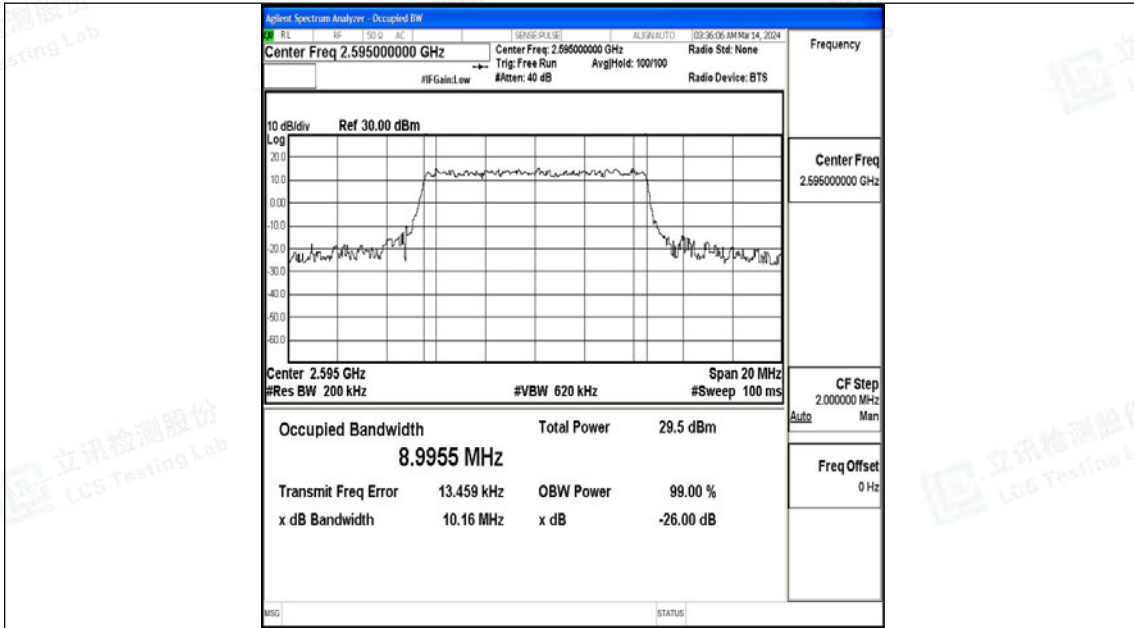


Band38-10MHz-QPSK-37800-50RB#0-PASS

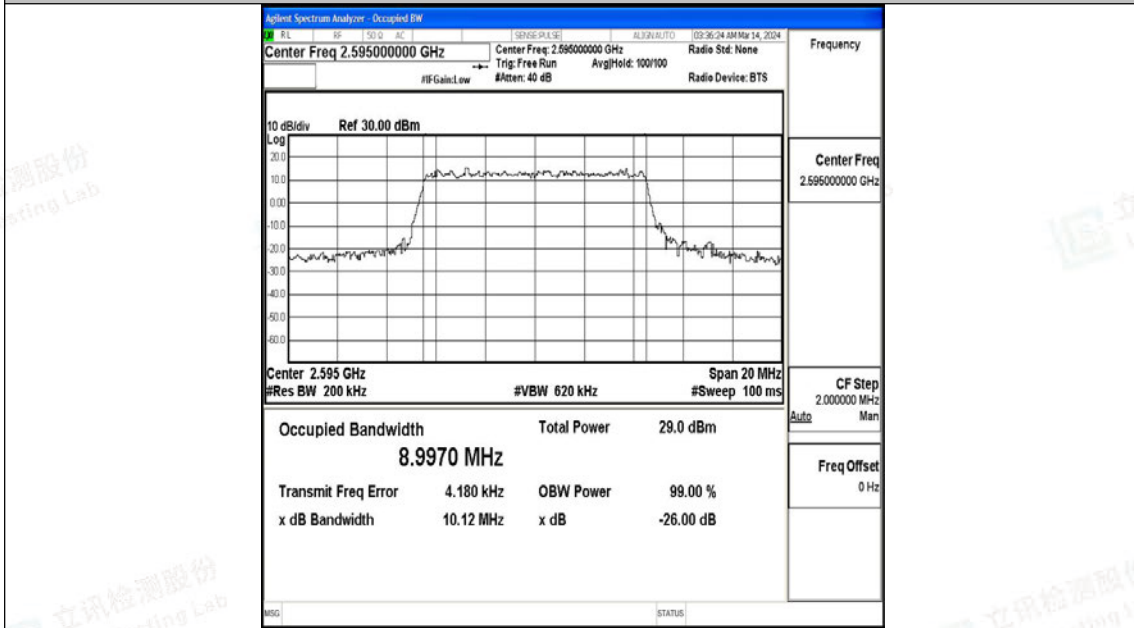


Band38-10MHz-16QAM-37800-50RB#0-PASS



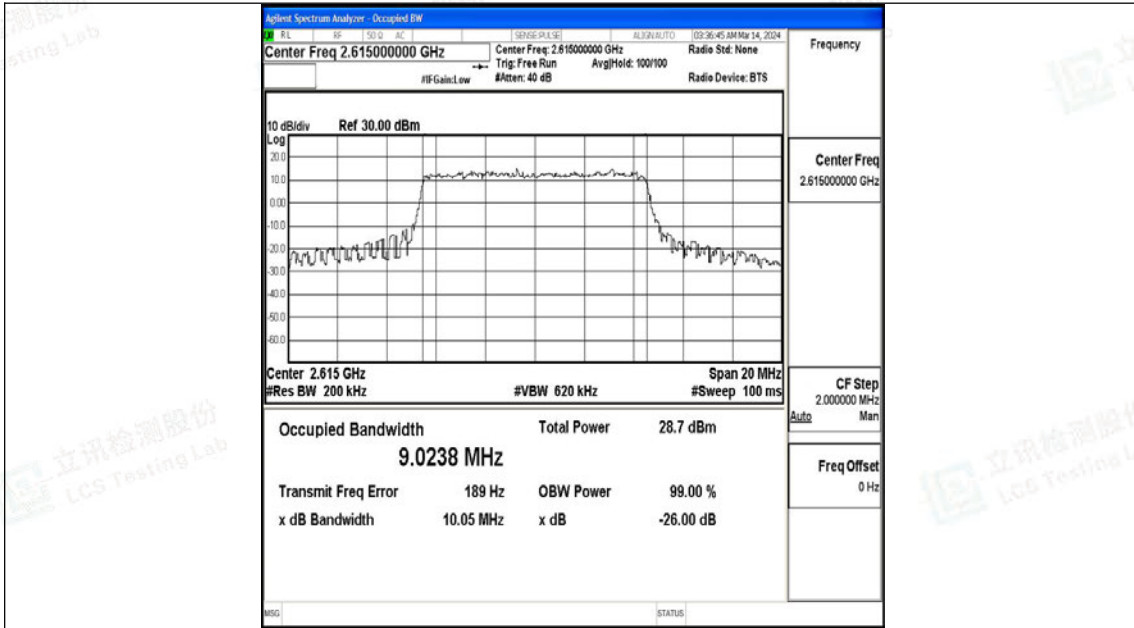


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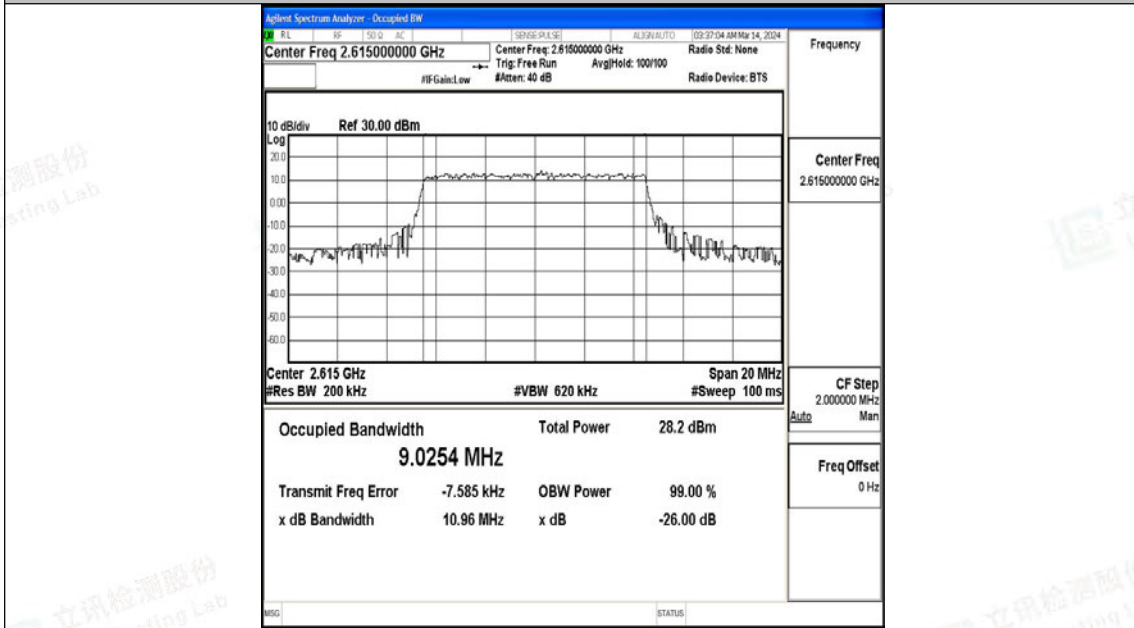


Band38-10MHz-16QAM-38000-50RB#0-PASS



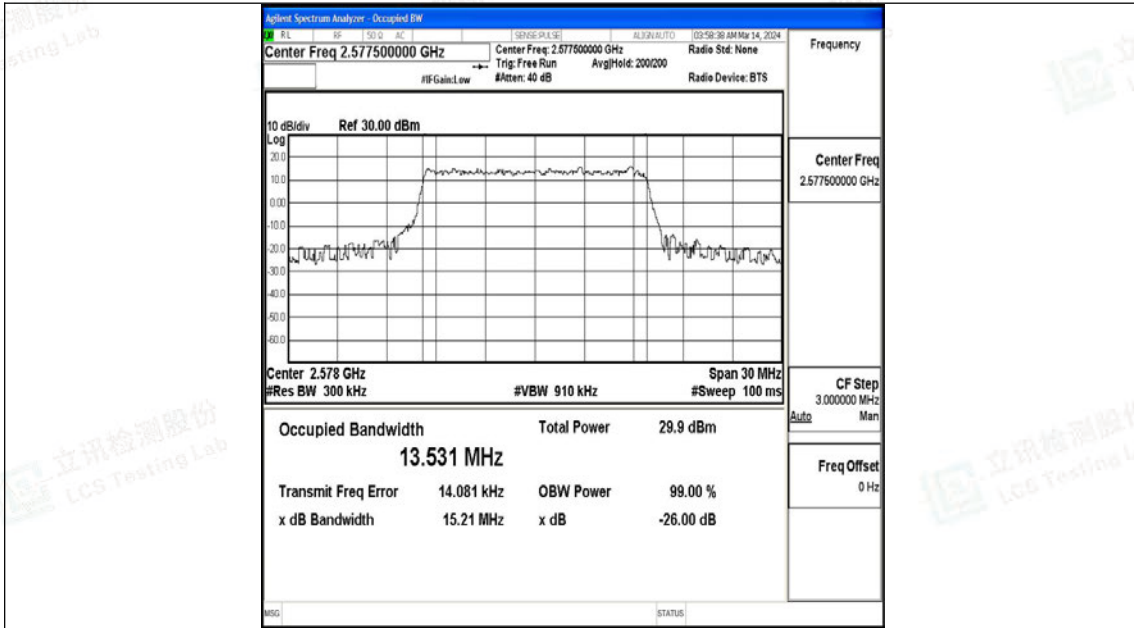


Band38-10MHz-QPSK-38200-50RB#0-PASS

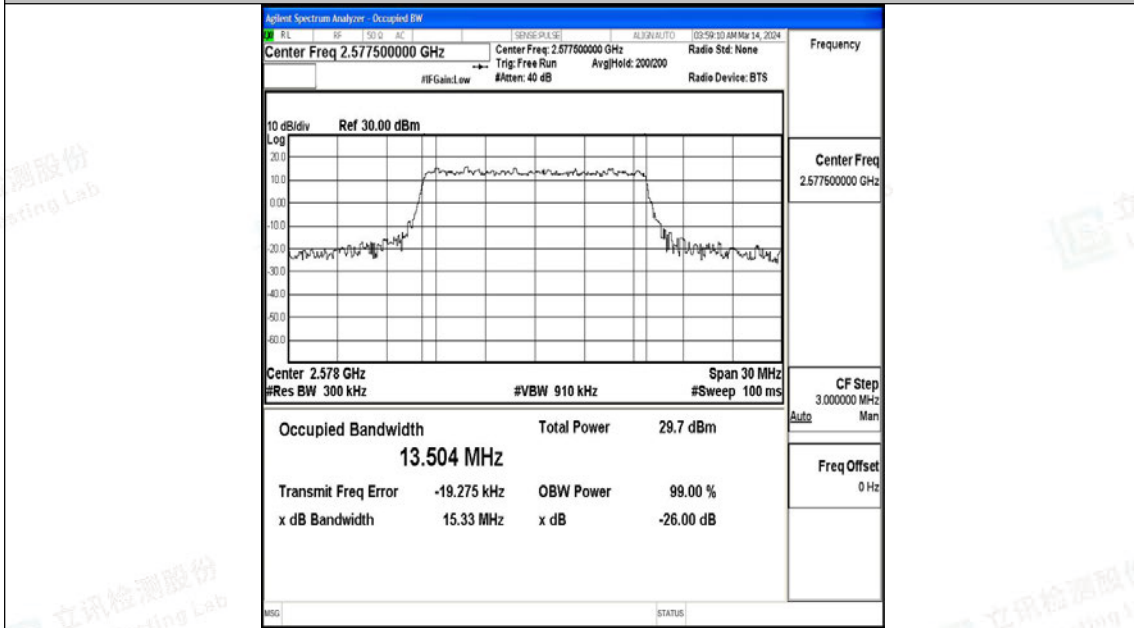


Band38-10MHz-16QAM-38200-50RB#0-PASS



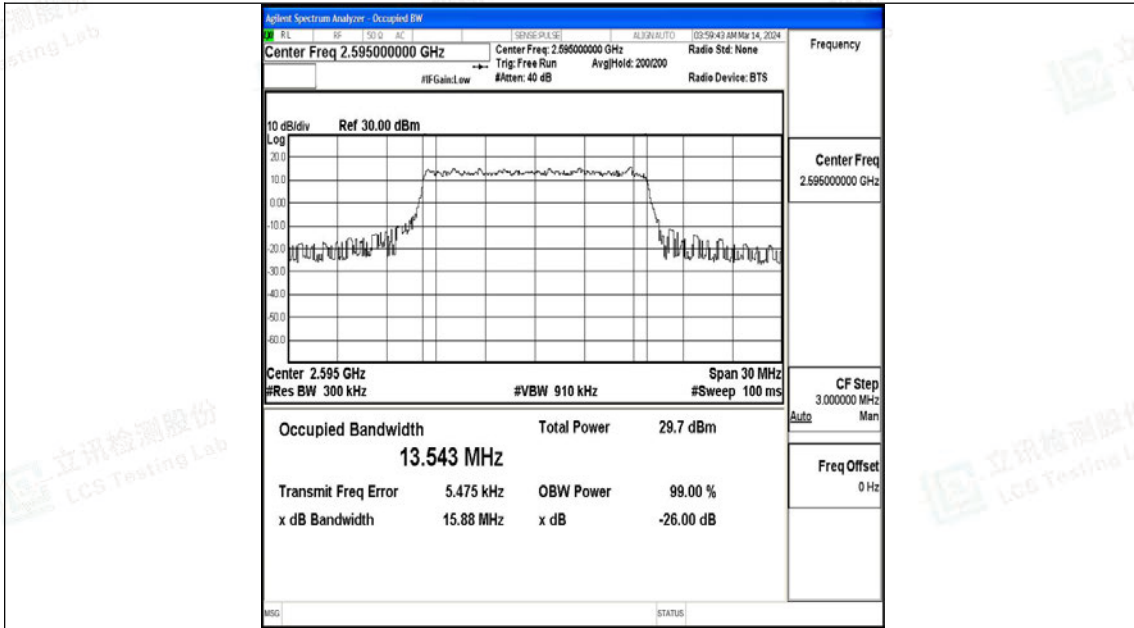


Band38-15MHz-QPSK-37825-75RB#0-PASS

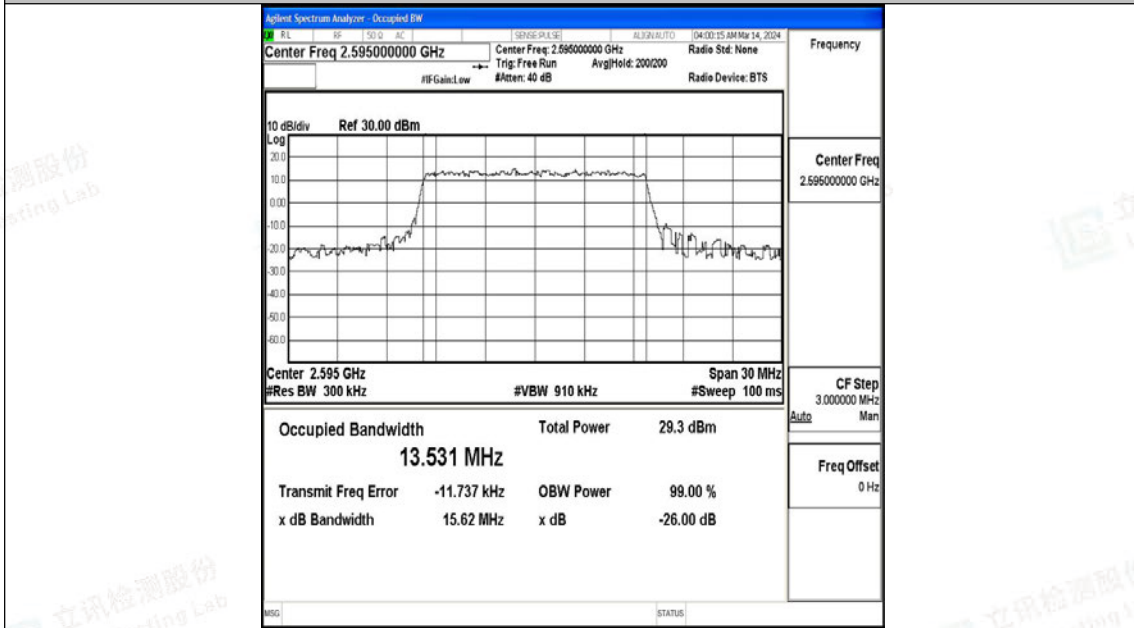


Band38-15MHz-16QAM-37825-75RB#0-PASS



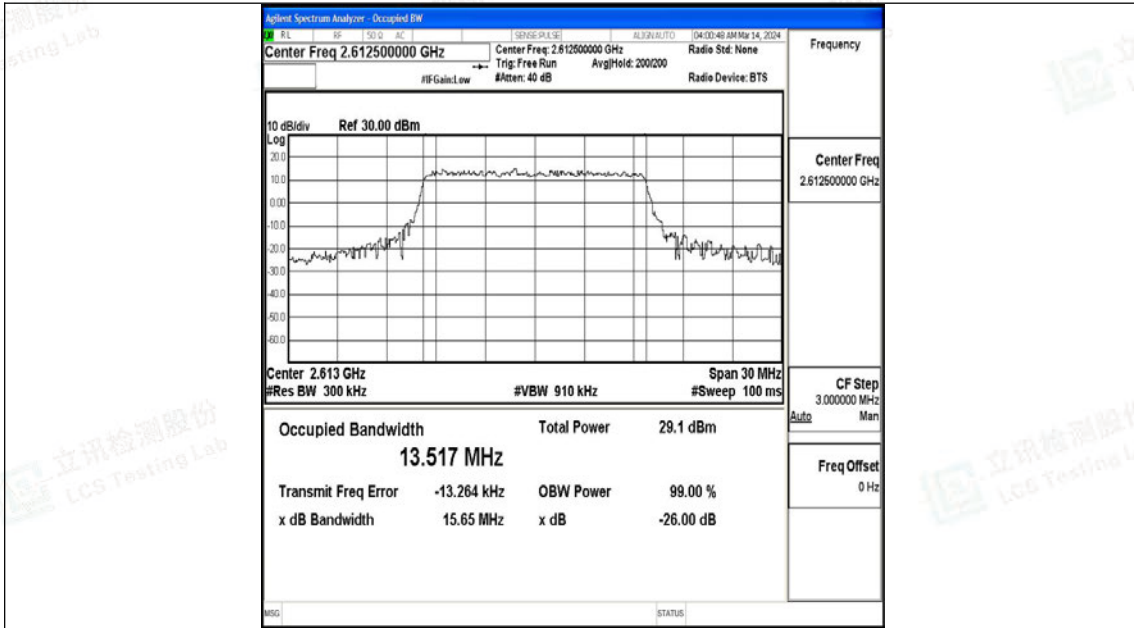


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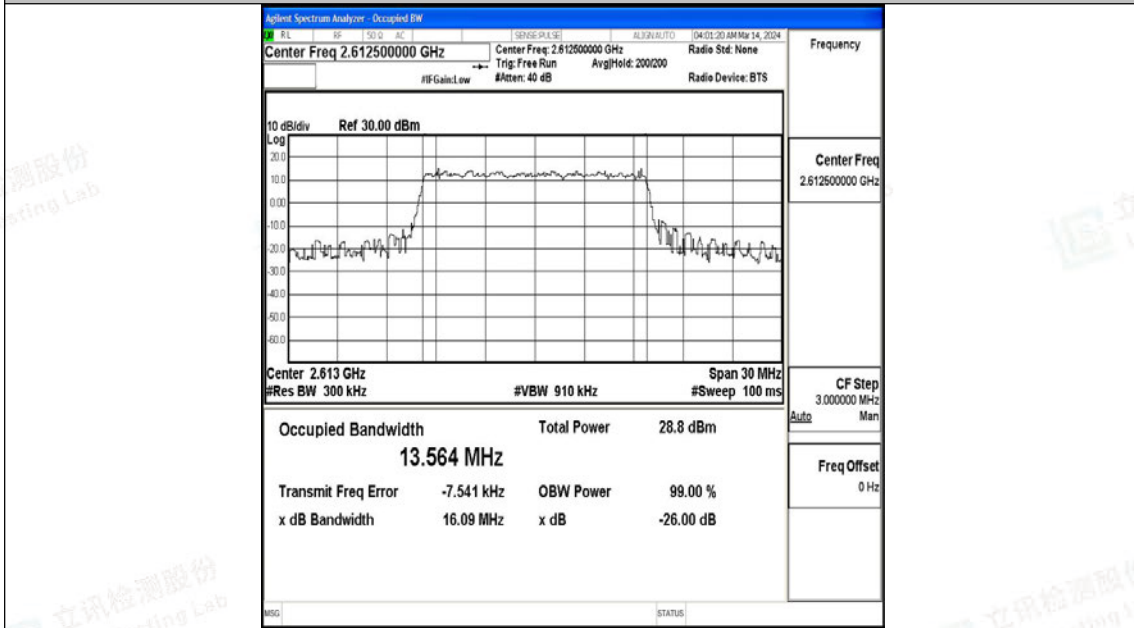


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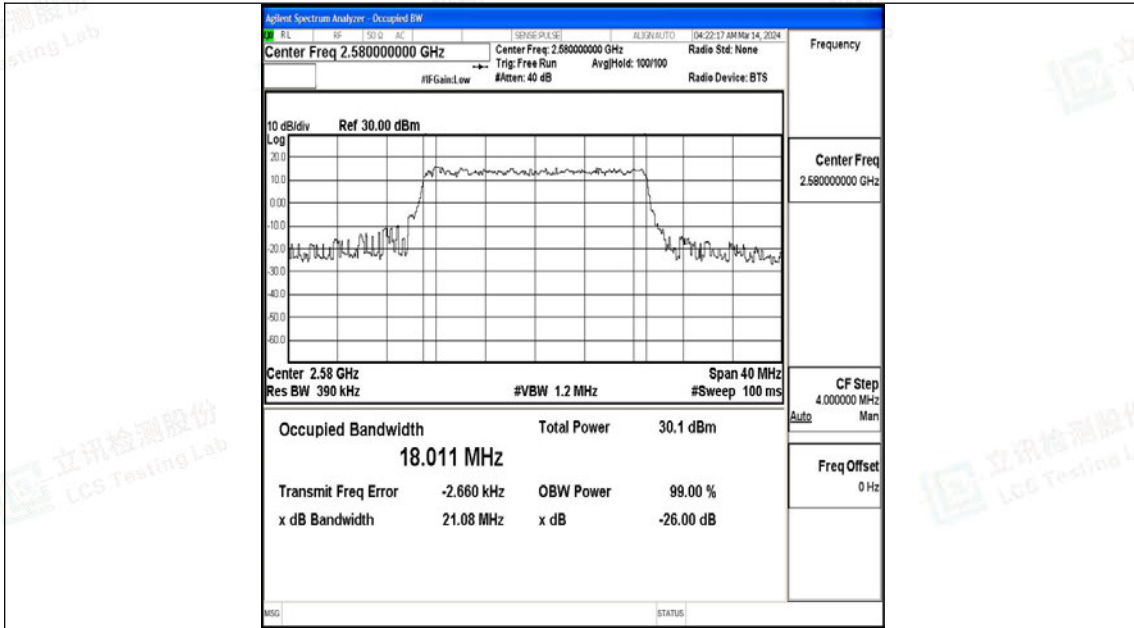


Band38-15MHz-QPSK-38175-75RB#0-PASS

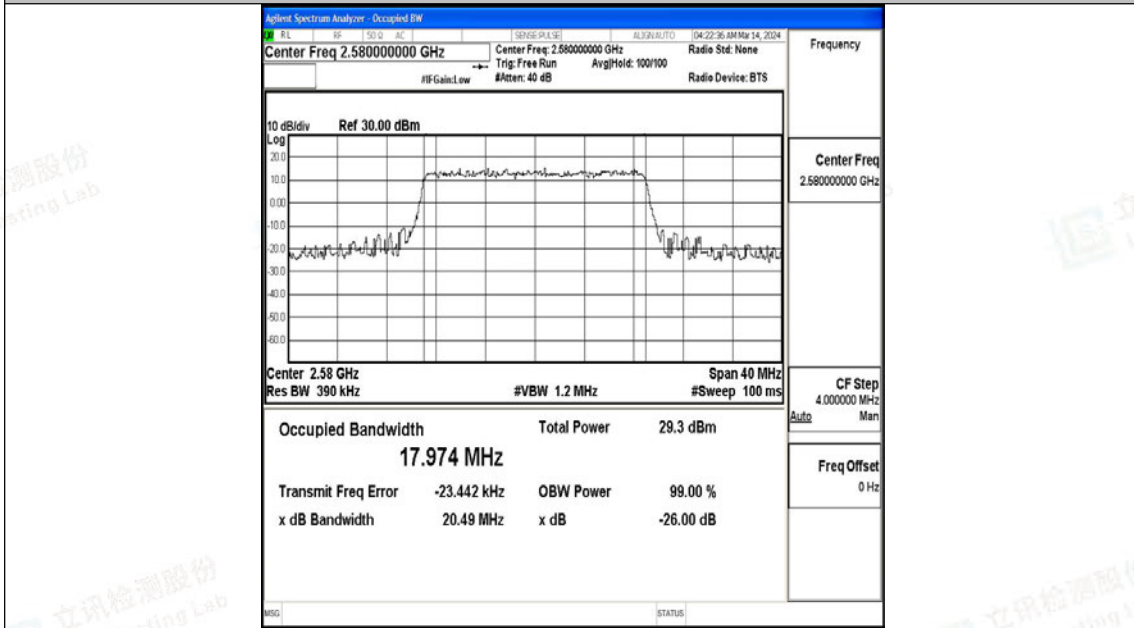


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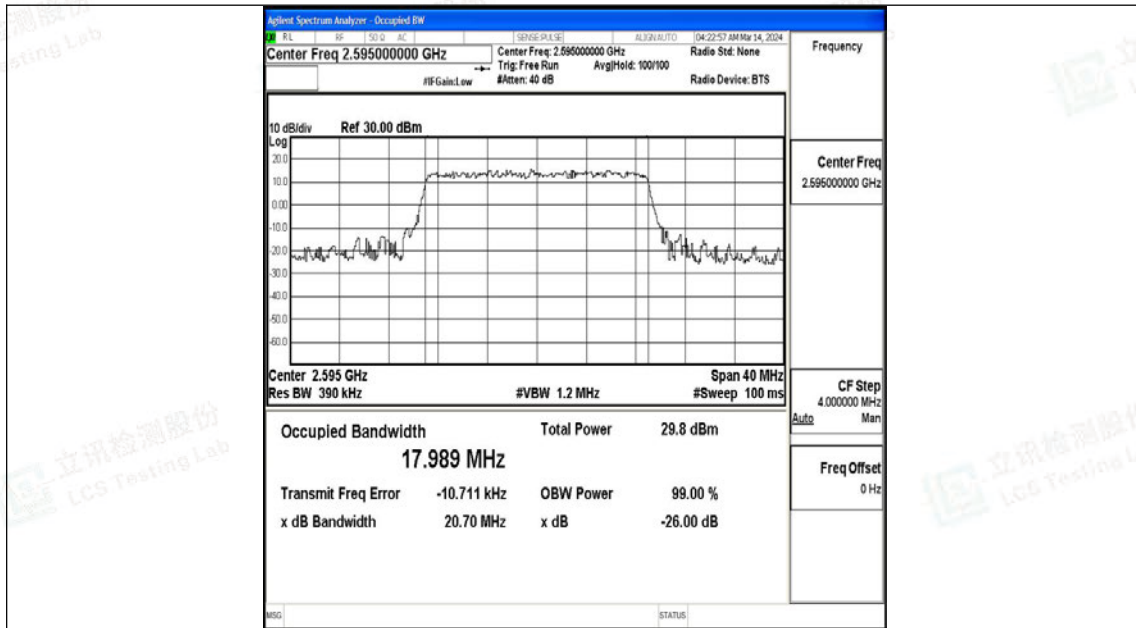


Band38-20MHz-QPSK-37850-100RB#0-PASS

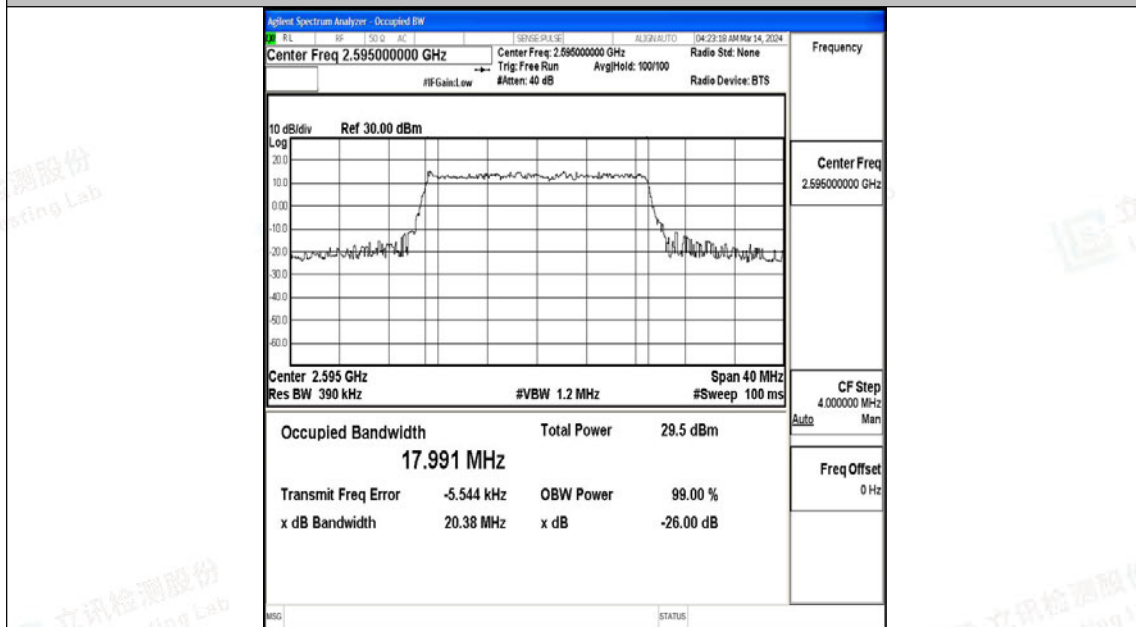


Band38-20MHz-16QAM-37850-100RB#0-PASS



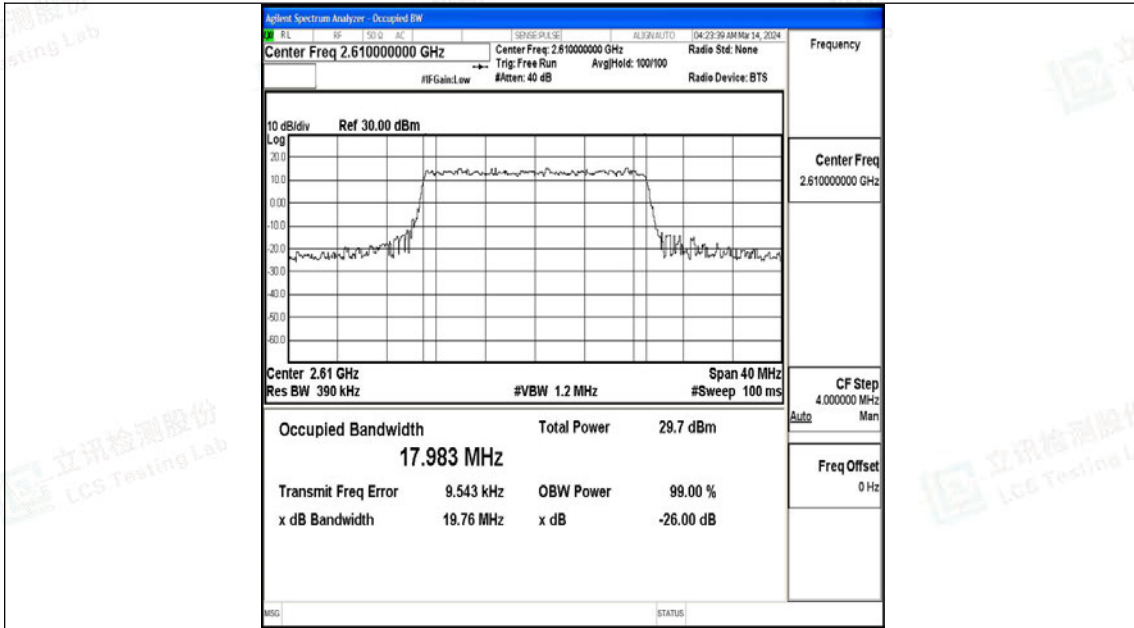


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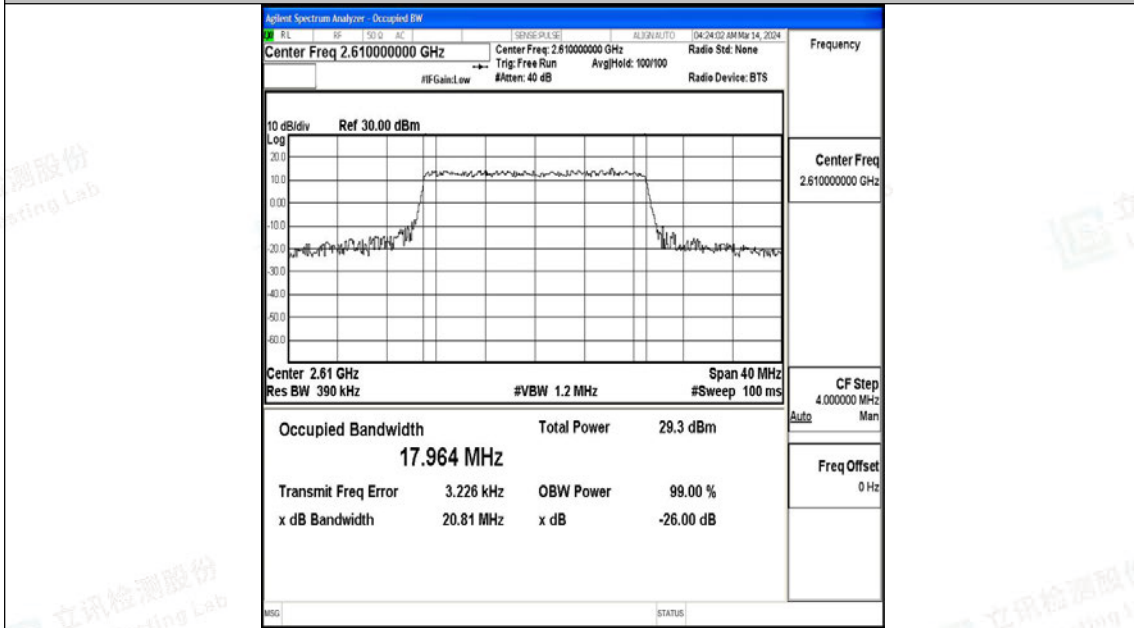


Band38-20MHz-16QAM-38000-100RB#0-PASS





Band38-20MHz-QPSK-38150-100RB#0-PASS



Band38-20MHz-16QAM-38150-100RB#0-PASS



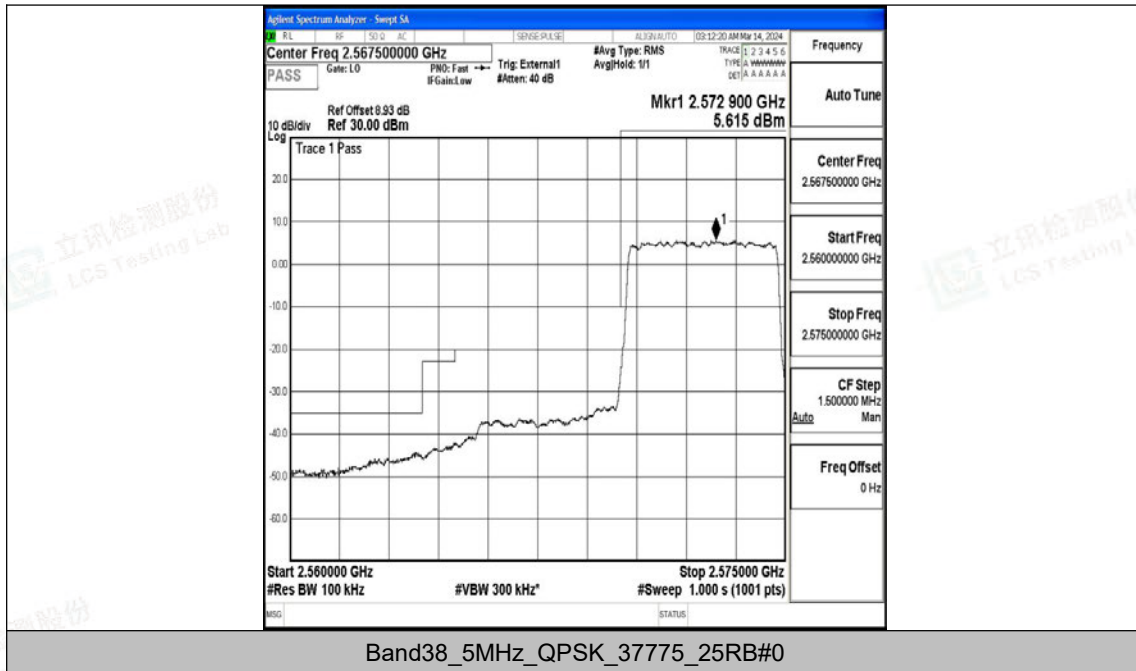


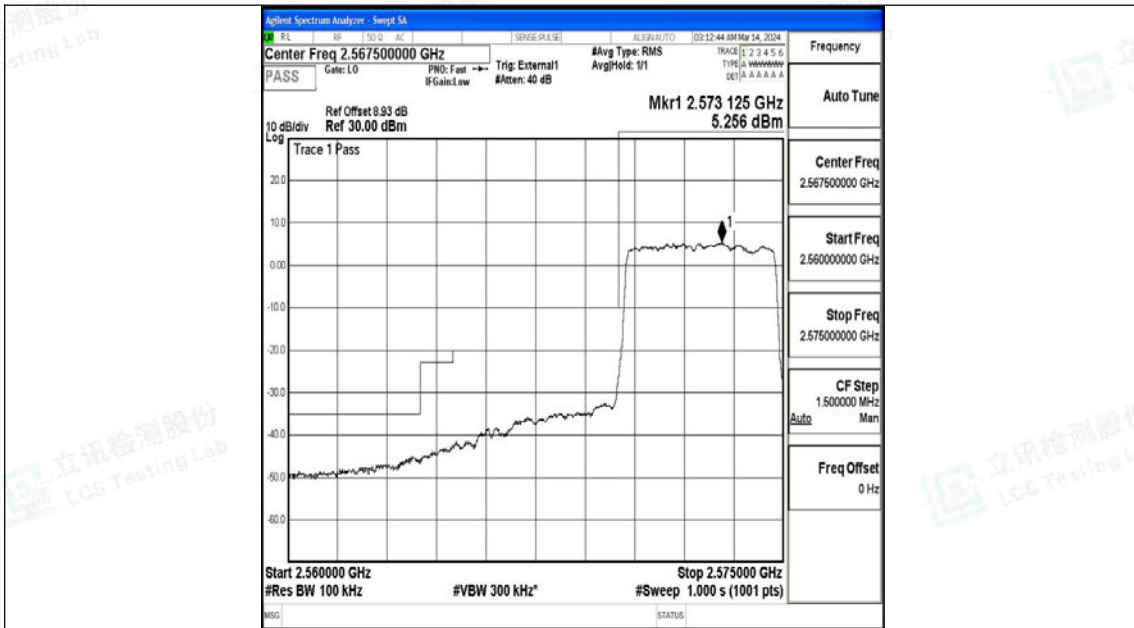
N.4 Band Edge

Test Result

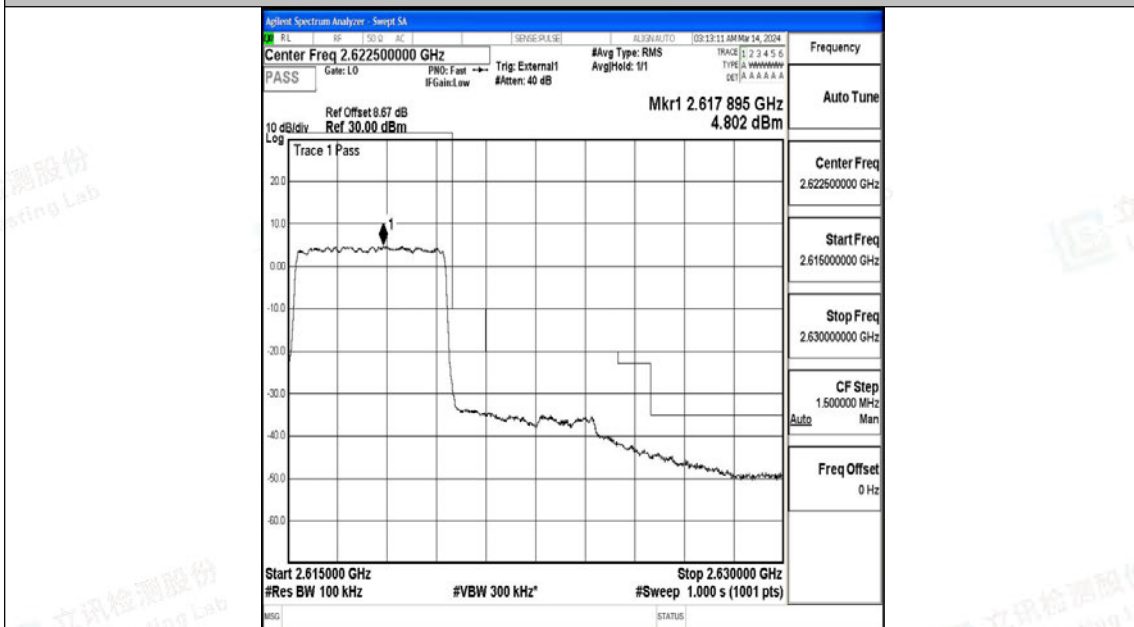
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	2563.83	-44.46	PASS
Band38	5MHz	16QAM	37775	25RB#0	2563.77	-45.23	PASS
Band38	5MHz	QPSK	38225	25RB#0	2626.21	-43.94	PASS
Band38	5MHz	16QAM	38225	25RB#0	2626.01	-44.86	PASS
Band38	10MHz	QPSK	37800	50RB#0	2559.95	-41.53	PASS
Band38	10MHz	16QAM	37800	50RB#0	2559.93	-41.28	PASS
Band38	10MHz	QPSK	38200	50RB#0	2630.53	-40.78	PASS
Band38	10MHz	16QAM	38200	50RB#0	2630.05	-40.37	PASS
Band38	15MHz	QPSK	37825	75RB#0	2554.62	-39.31	PASS
Band38	15MHz	16QAM	37825	75RB#0	2554.62	-38.97	PASS
Band38	15MHz	QPSK	38175	75RB#0	2636.15	-39.68	PASS
Band38	15MHz	16QAM	38175	75RB#0	2636.05	-38.98	PASS
Band38	20MHz	QPSK	37850	100RB#0	2549.82	-39.72	PASS
Band38	20MHz	16QAM	37850	100RB#0	2549.95	-39.81	PASS
Band38	20MHz	QPSK	38150	100RB#0	2640.10	-39.66	PASS
Band38	20MHz	16QAM	38150	100RB#0	2640.14	-39.30	PASS

Test Graphs



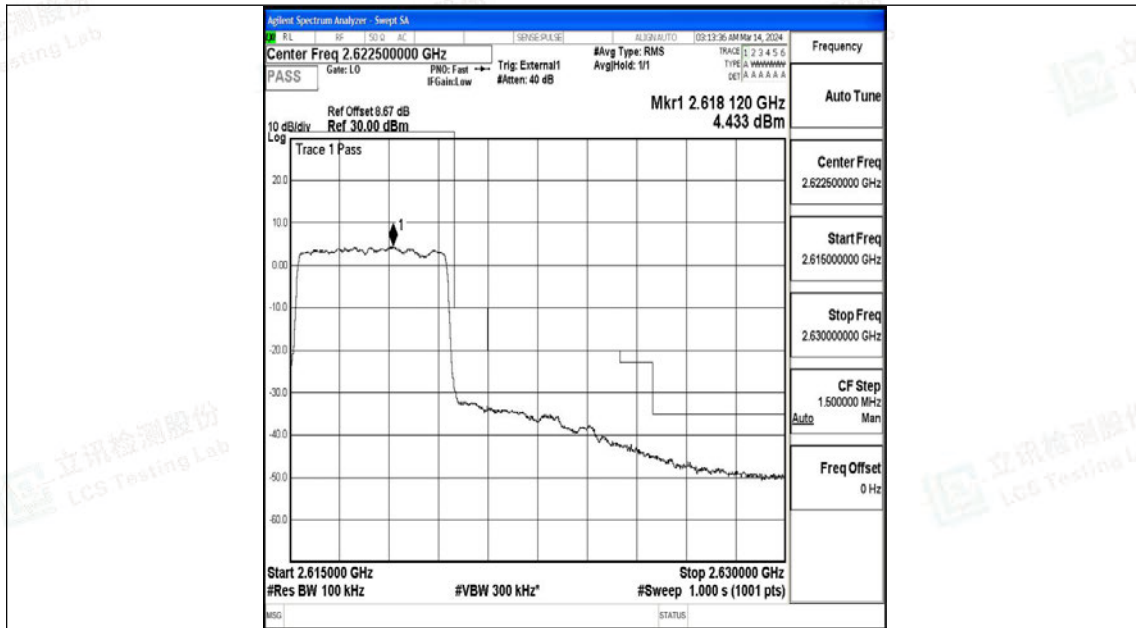


Band38_5MHz_16QAM_37775_25RB#0

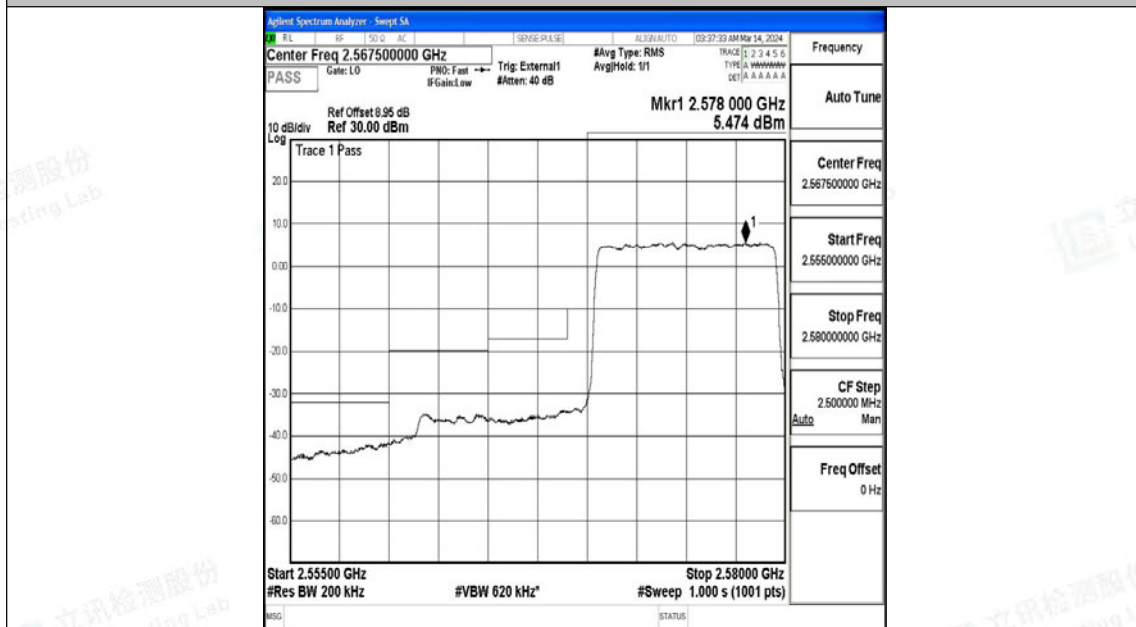


Band38_5MHz_QPSK_38225_25RB#0



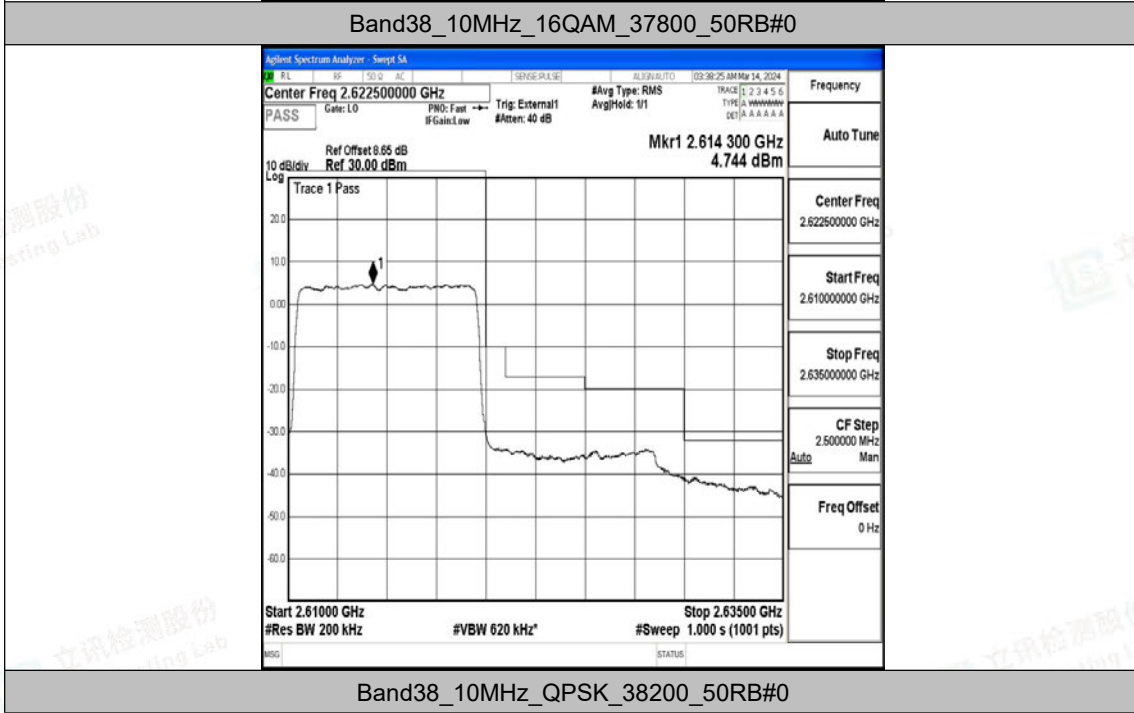
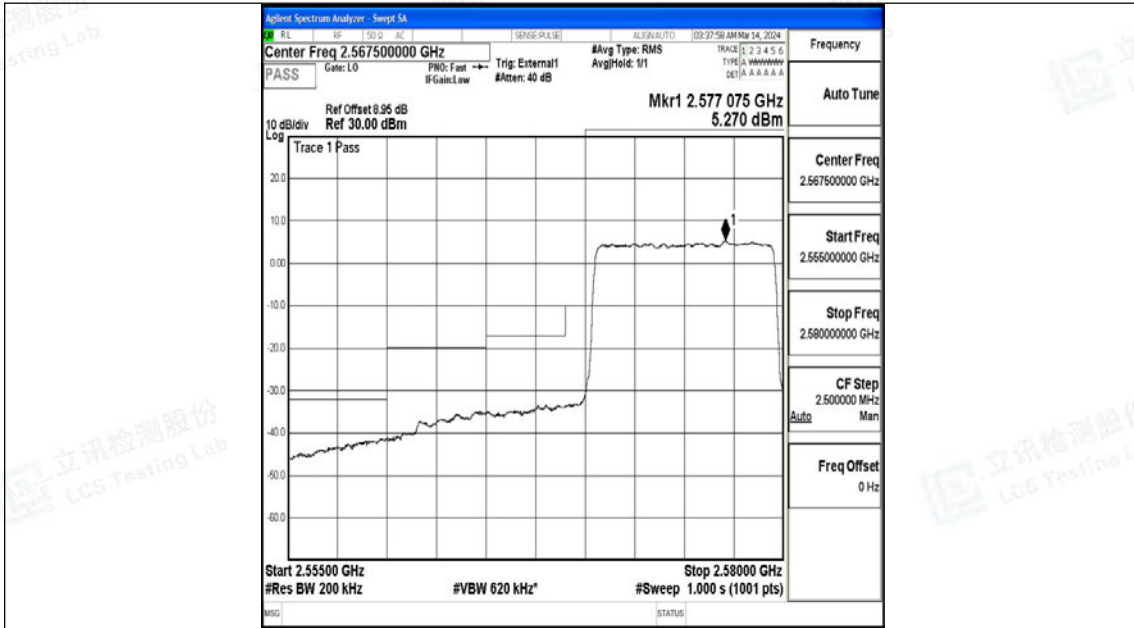


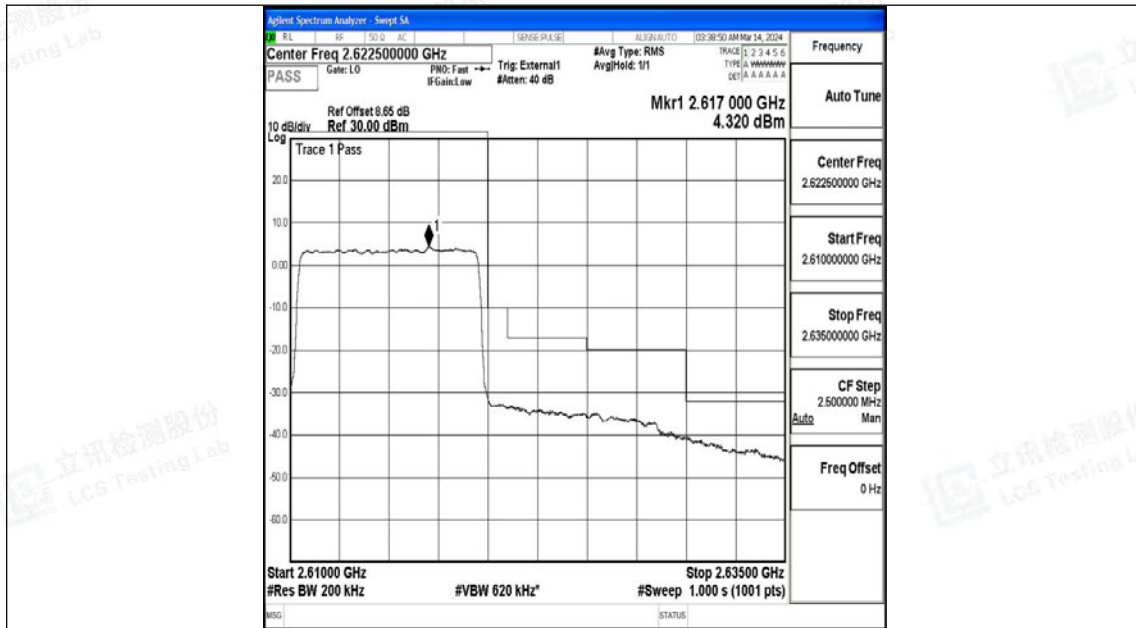
Band38_5MHz_16QAM_38225_25RB#0



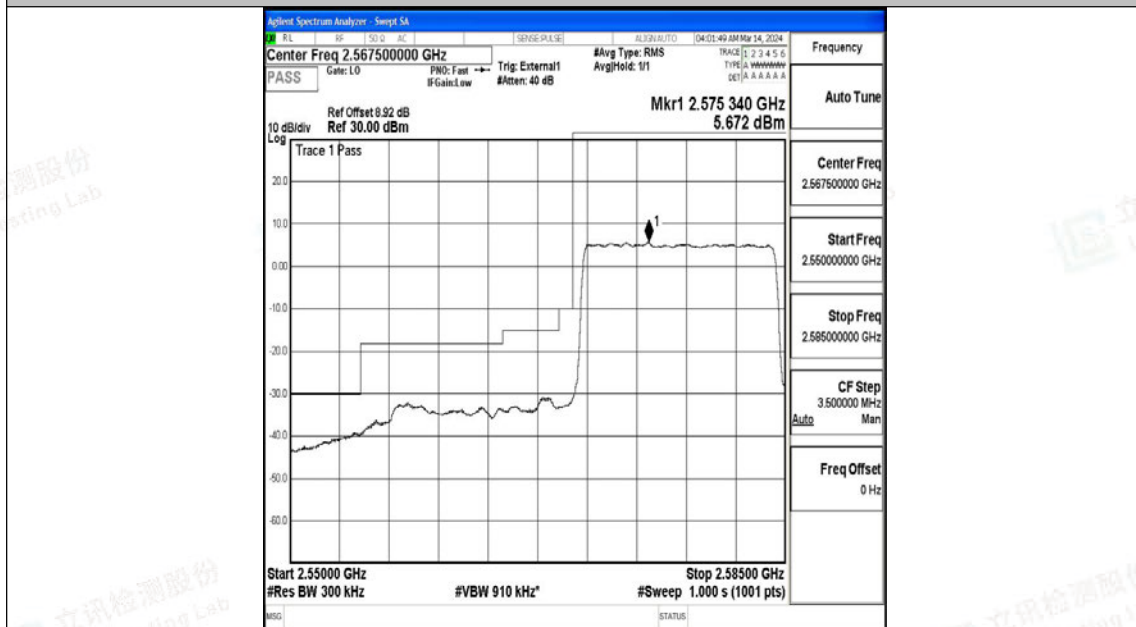
Band38_10MHz_QPSK_37800_50RB#0





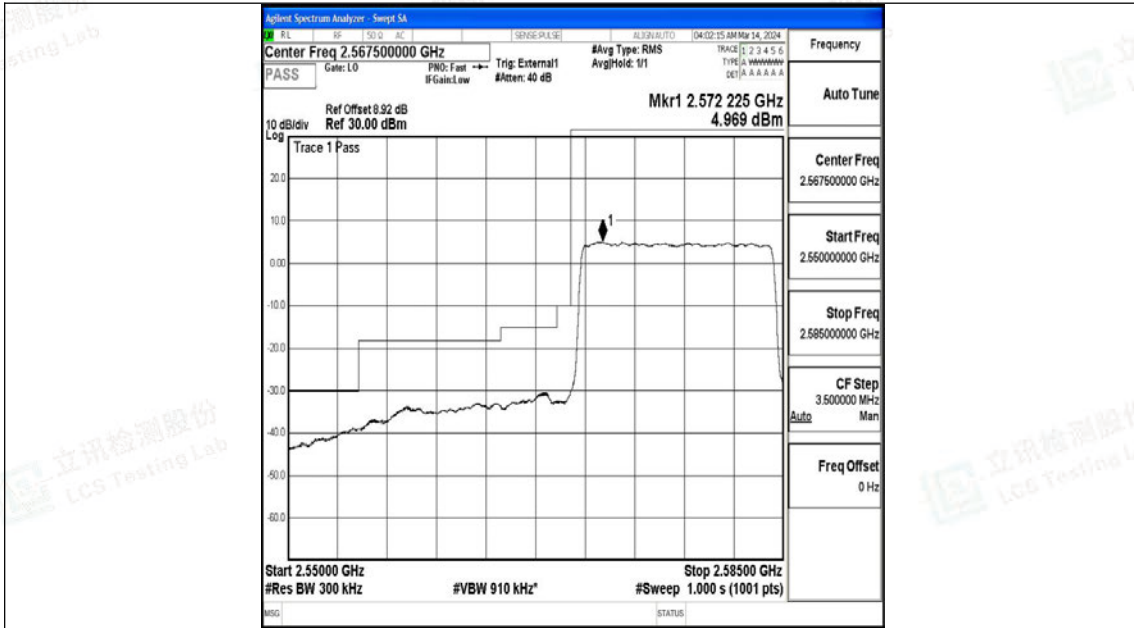


Band38_10MHz_16QAM_38200_50RB#0

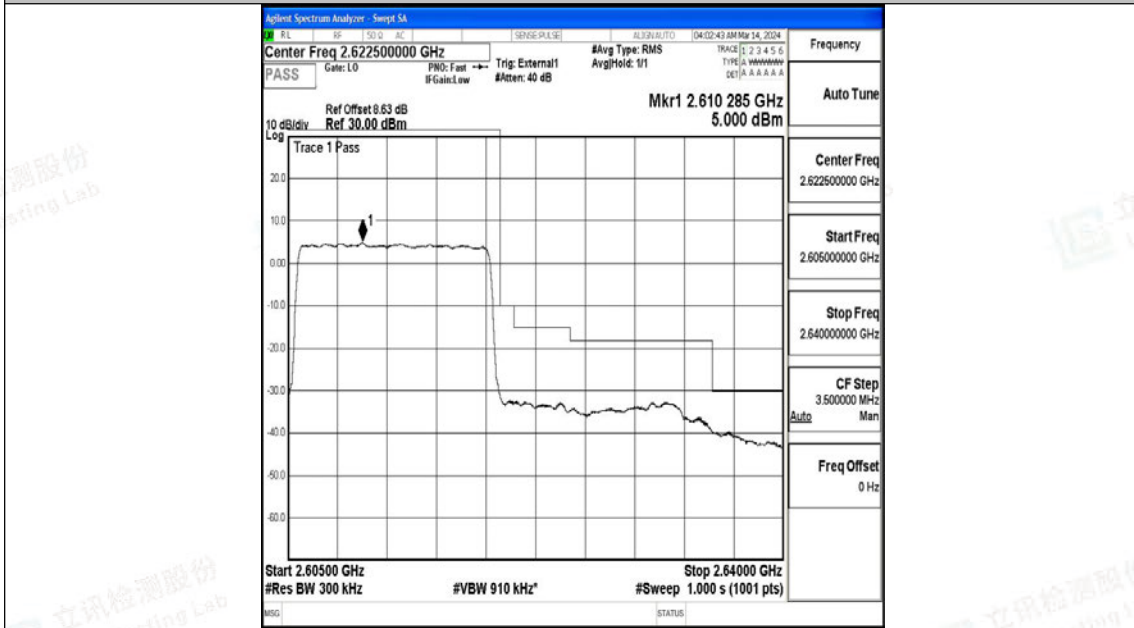


Band38_15MHz_QPSK_37825_75RB#0



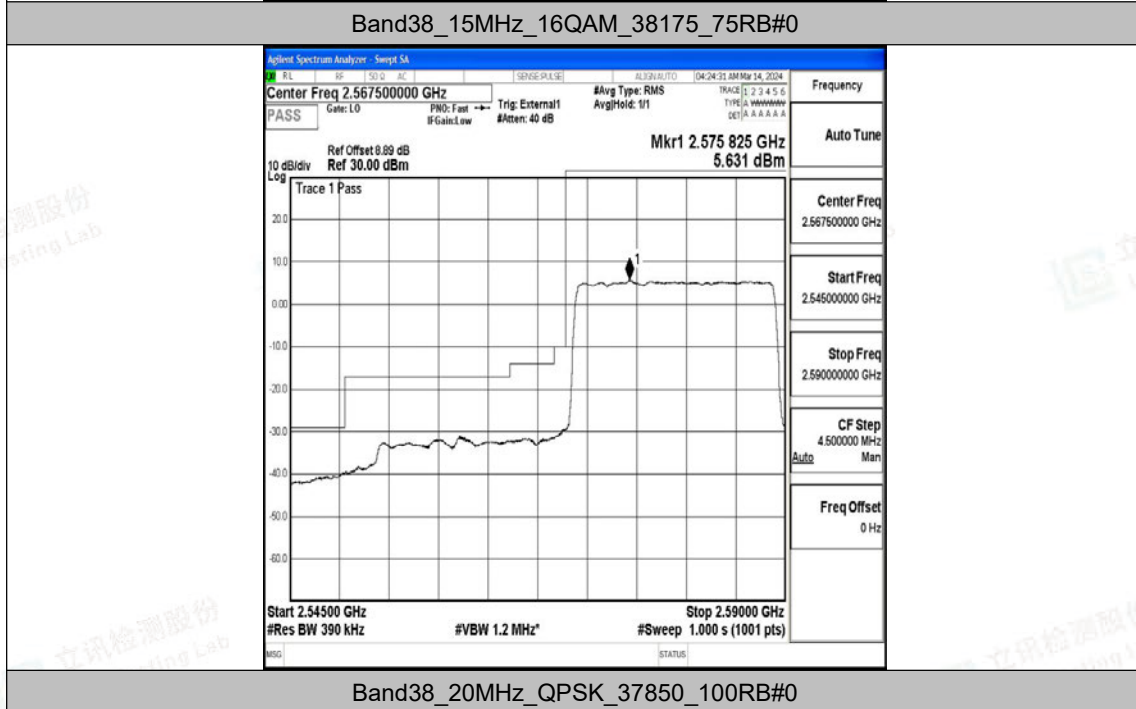
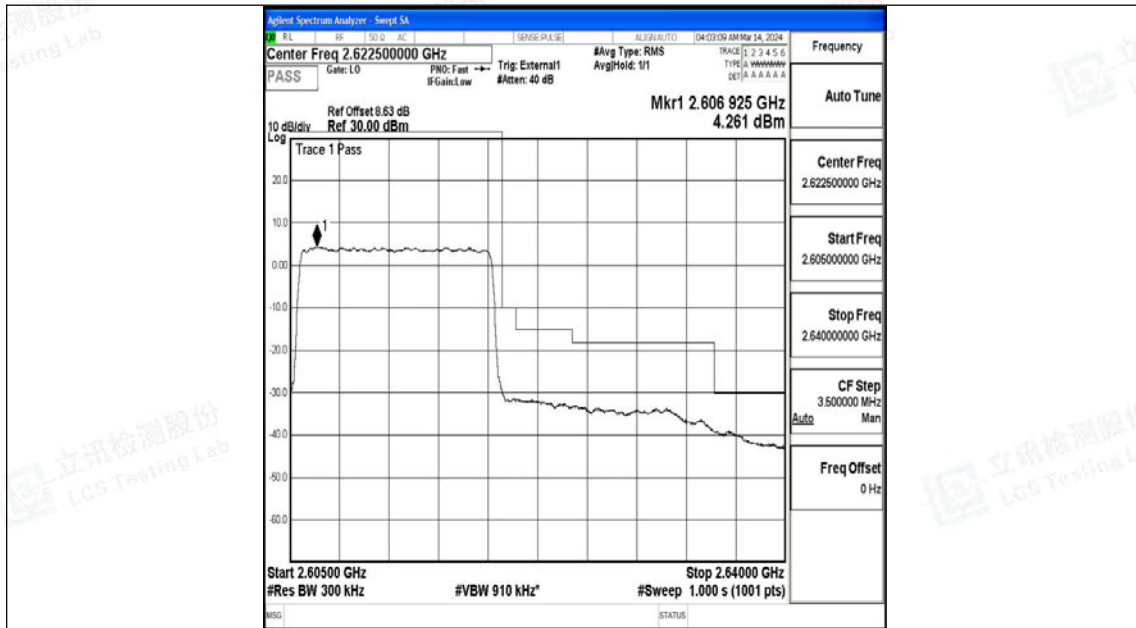


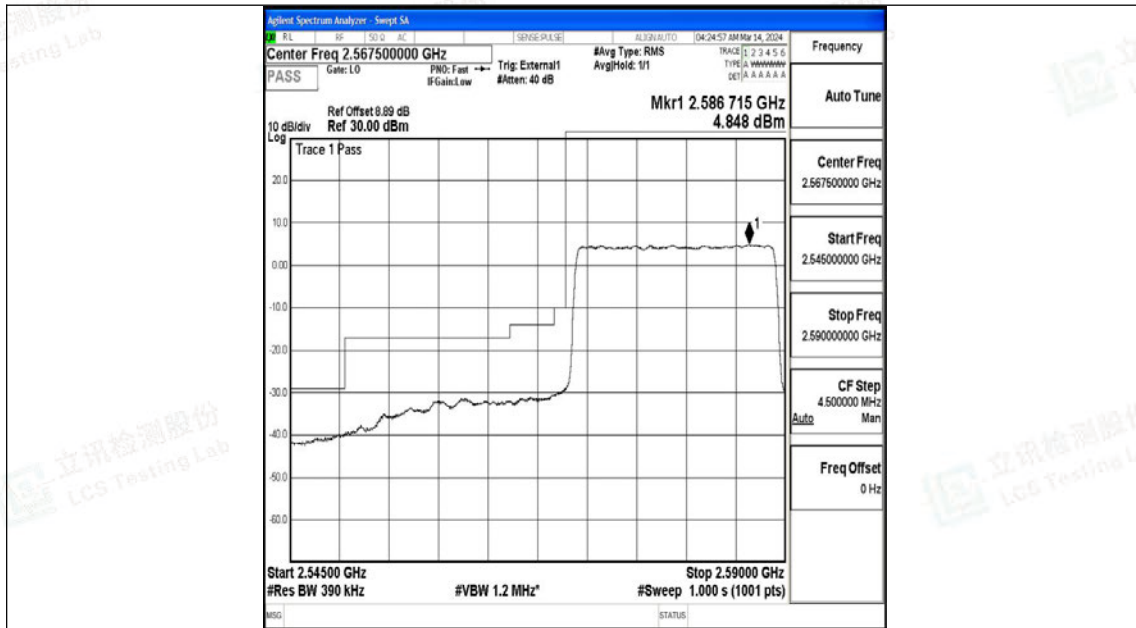
Band38_15MHz_16QAM_37825_75RB#0



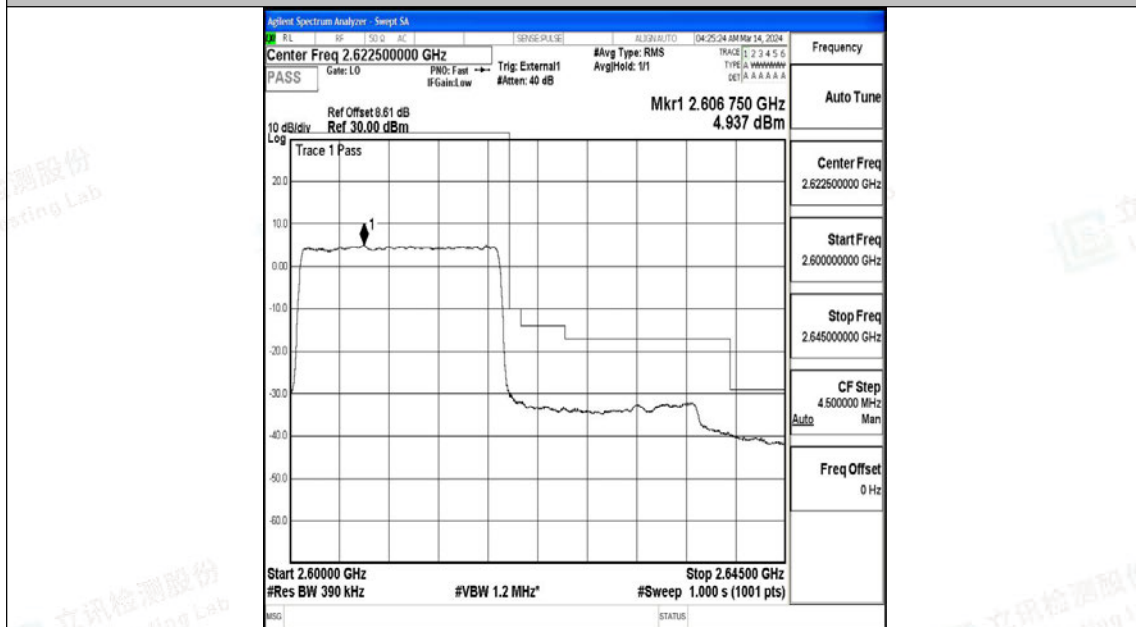
Band38_15MHz_QPSK_38175_75RB#0





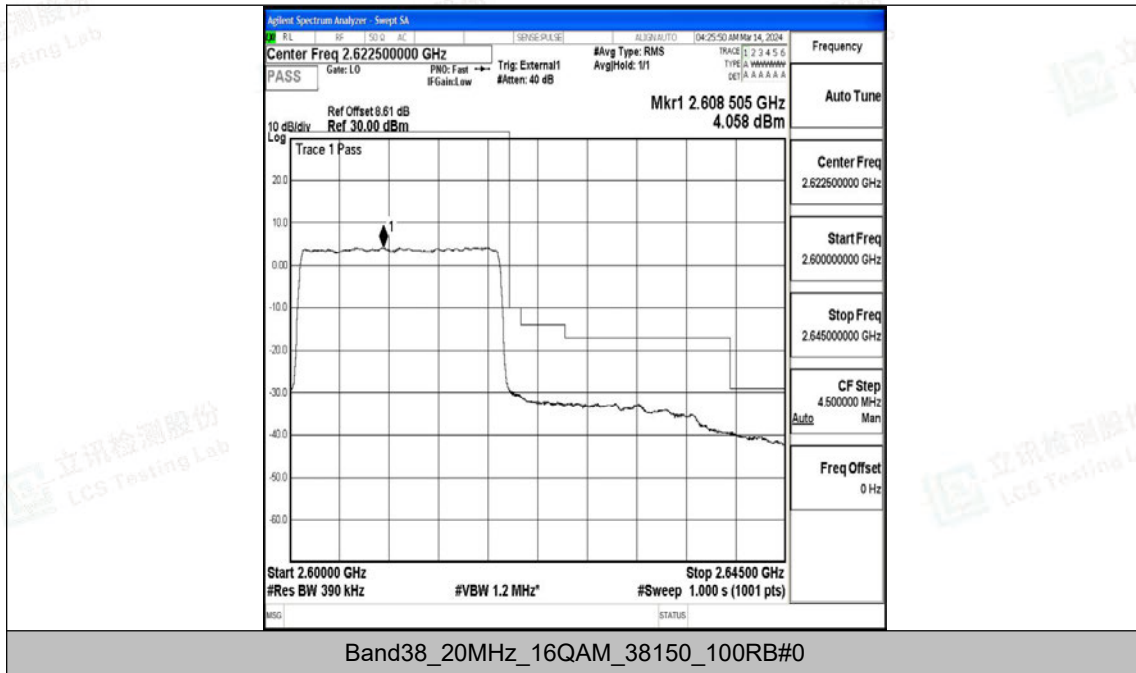


Band38_20MHz_16QAM_37850_100RB#0



Band38_20MHz_QPSK_38150_100RB#0







N.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	0.009~0.15	-56.05	PASS
Band38	5MHz	QPSK	37775	1RB#0	0.15~30	-59.36	PASS
Band38	5MHz	QPSK	37775	1RB#0	30~1000	-62.25	PASS
Band38	5MHz	QPSK	37775	1RB#0	1000~20000	-33.32	PASS
Band38	5MHz	QPSK	37775	1RB#0	20000~27000	-35.16	PASS
Band38	5MHz	16QAM	37775	1RB#0	0.009~0.15	-57.92	PASS
Band38	5MHz	16QAM	37775	1RB#0	0.15~30	-62.06	PASS
Band38	5MHz	16QAM	37775	1RB#0	30~1000	-62.15	PASS
Band38	5MHz	16QAM	37775	1RB#0	1000~20000	-33.15	PASS
Band38	5MHz	16QAM	37775	1RB#0	20000~27000	-35.48	PASS
Band38	5MHz	QPSK	38000	1RB#0	0.009~0.15	-55.87	PASS
Band38	5MHz	QPSK	38000	1RB#0	0.15~30	-60.96	PASS
Band38	5MHz	QPSK	38000	1RB#0	30~1000	-62.07	PASS
Band38	5MHz	QPSK	38000	1RB#0	1000~20000	-33.30	PASS
Band38	5MHz	QPSK	38000	1RB#0	20000~27000	-35.27	PASS
Band38	5MHz	16QAM	38000	1RB#0	0.009~0.15	-57.32	PASS
Band38	5MHz	16QAM	38000	1RB#0	0.15~30	-58.42	PASS
Band38	5MHz	16QAM	38000	1RB#0	30~1000	-62.12	PASS
Band38	5MHz	16QAM	38000	1RB#0	1000~20000	-33.46	PASS
Band38	5MHz	16QAM	38000	1RB#0	20000~27000	-35.24	PASS
Band38	5MHz	QPSK	38225	1RB#0	0.009~0.15	-57.28	PASS
Band38	5MHz	QPSK	38225	1RB#0	0.15~30	-61.97	PASS
Band38	5MHz	QPSK	38225	1RB#0	30~1000	-62.42	PASS
Band38	5MHz	QPSK	38225	1RB#0	1000~20000	-32.99	PASS
Band38	5MHz	QPSK	38225	1RB#0	20000~27000	-34.99	PASS
Band38	5MHz	16QAM	38225	1RB#0	0.009~0.15	-56.47	PASS
Band38	5MHz	16QAM	38225	1RB#0	0.15~30	-59.57	PASS
Band38	5MHz	16QAM	38225	1RB#0	30~1000	-62.27	PASS
Band38	5MHz	16QAM	38225	1RB#0	1000~20000	-33.39	PASS
Band38	5MHz	16QAM	38225	1RB#0	20000~27000	-35.22	PASS
Band38	10MHz	QPSK	37800	1RB#0	0.009~0.15	-56.75	PASS
Band38	10MHz	QPSK	37800	1RB#0	0.15~30	-61.73	PASS
Band38	10MHz	QPSK	37800	1RB#0	30~1000	-62.14	PASS
Band38	10MHz	QPSK	37800	1RB#0	1000~20000	-32.77	PASS
Band38	10MHz	QPSK	37800	1RB#0	20000~27000	-35.03	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

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Scan code to check authenticity



Band38	10MHz	16QAM	37800	1RB#0	0.009~0.15	-58.07	PASS
Band38	10MHz	16QAM	37800	1RB#0	0.15~30	-61.29	PASS
Band38	10MHz	16QAM	37800	1RB#0	30~1000	-62.47	PASS
Band38	10MHz	16QAM	37800	1RB#0	1000~20000	-33.39	PASS
Band38	10MHz	16QAM	37800	1RB#0	20000~27000	-35.14	PASS
Band38	10MHz	QPSK	38000	1RB#0	0.009~0.15	-58.19	PASS
Band38	10MHz	QPSK	38000	1RB#0	0.15~30	-61.30	PASS
Band38	10MHz	QPSK	38000	1RB#0	30~1000	-62.27	PASS
Band38	10MHz	QPSK	38000	1RB#0	1000~20000	-33.37	PASS
Band38	10MHz	QPSK	38000	1RB#0	20000~27000	-35.15	PASS
Band38	10MHz	16QAM	38000	1RB#0	0.009~0.15	-56.74	PASS
Band38	10MHz	16QAM	38000	1RB#0	0.15~30	-60.90	PASS
Band38	10MHz	16QAM	38000	1RB#0	30~1000	-62.18	PASS
Band38	10MHz	16QAM	38000	1RB#0	1000~20000	-32.75	PASS
Band38	10MHz	16QAM	38000	1RB#0	20000~27000	-35.20	PASS
Band38	10MHz	QPSK	38200	1RB#0	0.009~0.15	-56.15	PASS
Band38	10MHz	QPSK	38200	1RB#0	0.15~30	-62.08	PASS
Band38	10MHz	QPSK	38200	1RB#0	30~1000	-62.09	PASS
Band38	10MHz	QPSK	38200	1RB#0	1000~20000	-32.92	PASS
Band38	10MHz	QPSK	38200	1RB#0	20000~27000	-35.41	PASS
Band38	10MHz	16QAM	38200	1RB#0	0.009~0.15	-57.82	PASS
Band38	10MHz	16QAM	38200	1RB#0	0.15~30	-58.11	PASS
Band38	10MHz	16QAM	38200	1RB#0	30~1000	-62.08	PASS
Band38	10MHz	16QAM	38200	1RB#0	1000~20000	-33.39	PASS
Band38	10MHz	16QAM	38200	1RB#0	20000~27000	-35.11	PASS
Band38	15MHz	QPSK	37825	1RB#0	0.009~0.15	-57.77	PASS
Band38	15MHz	QPSK	37825	1RB#0	0.15~30	-61.71	PASS
Band38	15MHz	QPSK	37825	1RB#0	30~1000	-62.20	PASS
Band38	15MHz	QPSK	37825	1RB#0	1000~20000	-33.44	PASS
Band38	15MHz	QPSK	37825	1RB#0	20000~27000	-35.53	PASS
Band38	15MHz	16QAM	37825	1RB#0	0.009~0.15	-57.75	PASS
Band38	15MHz	16QAM	37825	1RB#0	0.15~30	-62.45	PASS
Band38	15MHz	16QAM	37825	1RB#0	30~1000	-62.28	PASS
Band38	15MHz	16QAM	37825	1RB#0	1000~20000	-33.28	PASS
Band38	15MHz	16QAM	37825	1RB#0	20000~27000	-34.94	PASS
Band38	15MHz	QPSK	38000	1RB#0	0.009~0.15	-56.45	PASS
Band38	15MHz	QPSK	38000	1RB#0	0.15~30	-59.79	PASS
Band38	15MHz	QPSK	38000	1RB#0	30~1000	-62.39	PASS
Band38	15MHz	QPSK	38000	1RB#0	1000~20000	-32.64	PASS
Band38	15MHz	QPSK	38000	1RB#0	20000~27000	-35.22	PASS





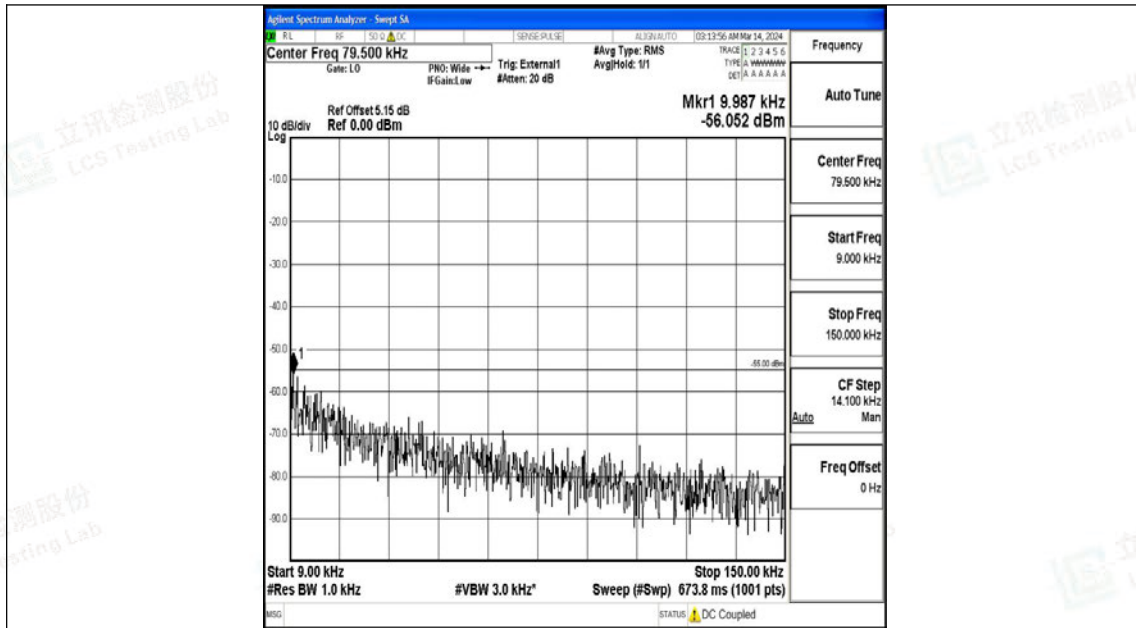
Band38	15MHz	16QAM	38000	1RB#0	0.009~0.15	-59.53	PASS
Band38	15MHz	16QAM	38000	1RB#0	0.15~30	-62.35	PASS
Band38	15MHz	16QAM	38000	1RB#0	30~1000	-62.33	PASS
Band38	15MHz	16QAM	38000	1RB#0	1000~20000	-33.32	PASS
Band38	15MHz	16QAM	38000	1RB#0	20000~27000	-34.90	PASS
Band38	15MHz	QPSK	38175	1RB#0	0.009~0.15	-58.78	PASS
Band38	15MHz	QPSK	38175	1RB#0	0.15~30	-61.12	PASS
Band38	15MHz	QPSK	38175	1RB#0	30~1000	-62.04	PASS
Band38	15MHz	QPSK	38175	1RB#0	1000~20000	-33.22	PASS
Band38	15MHz	QPSK	38175	1RB#0	20000~27000	-35.21	PASS
Band38	15MHz	16QAM	38175	1RB#0	0.009~0.15	-57.39	PASS
Band38	15MHz	16QAM	38175	1RB#0	0.15~30	-61.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	30~1000	-62.15	PASS
Band38	15MHz	16QAM	38175	1RB#0	1000~20000	-33.16	PASS
Band38	15MHz	16QAM	38175	1RB#0	20000~27000	-34.96	PASS
Band38	20MHz	QPSK	37850	1RB#0	0.009~0.15	-57.62	PASS
Band38	20MHz	QPSK	37850	1RB#0	0.15~30	-61.52	PASS
Band38	20MHz	QPSK	37850	1RB#0	30~1000	-62.21	PASS
Band38	20MHz	QPSK	37850	1RB#0	1000~20000	-33.33	PASS
Band38	20MHz	QPSK	37850	1RB#0	20000~27000	-35.31	PASS
Band38	20MHz	16QAM	37850	1RB#0	0.009~0.15	-57.67	PASS
Band38	20MHz	16QAM	37850	1RB#0	0.15~30	-59.49	PASS
Band38	20MHz	16QAM	37850	1RB#0	30~1000	-61.59	PASS
Band38	20MHz	16QAM	37850	1RB#0	1000~20000	-32.74	PASS
Band38	20MHz	16QAM	37850	1RB#0	20000~27000	-35.32	PASS
Band38	20MHz	QPSK	38000	1RB#0	0.009~0.15	-55.90	PASS
Band38	20MHz	QPSK	38000	1RB#0	0.15~30	-63.39	PASS
Band38	20MHz	QPSK	38000	1RB#0	30~1000	-62.29	PASS
Band38	20MHz	QPSK	38000	1RB#0	1000~20000	-33.49	PASS
Band38	20MHz	QPSK	38000	1RB#0	20000~27000	-35.17	PASS
Band38	20MHz	16QAM	38000	1RB#0	0.009~0.15	-58.24	PASS
Band38	20MHz	16QAM	38000	1RB#0	0.15~30	-59.85	PASS
Band38	20MHz	16QAM	38000	1RB#0	30~1000	-61.98	PASS
Band38	20MHz	16QAM	38000	1RB#0	1000~20000	-32.66	PASS
Band38	20MHz	16QAM	38000	1RB#0	20000~27000	-35.48	PASS
Band38	20MHz	QPSK	38150	1RB#0	0.009~0.15	-56.26	PASS
Band38	20MHz	QPSK	38150	1RB#0	0.15~30	-59.01	PASS
Band38	20MHz	QPSK	38150	1RB#0	30~1000	-61.94	PASS
Band38	20MHz	QPSK	38150	1RB#0	1000~20000	-32.98	PASS
Band38	20MHz	QPSK	38150	1RB#0	20000~27000	-34.90	PASS



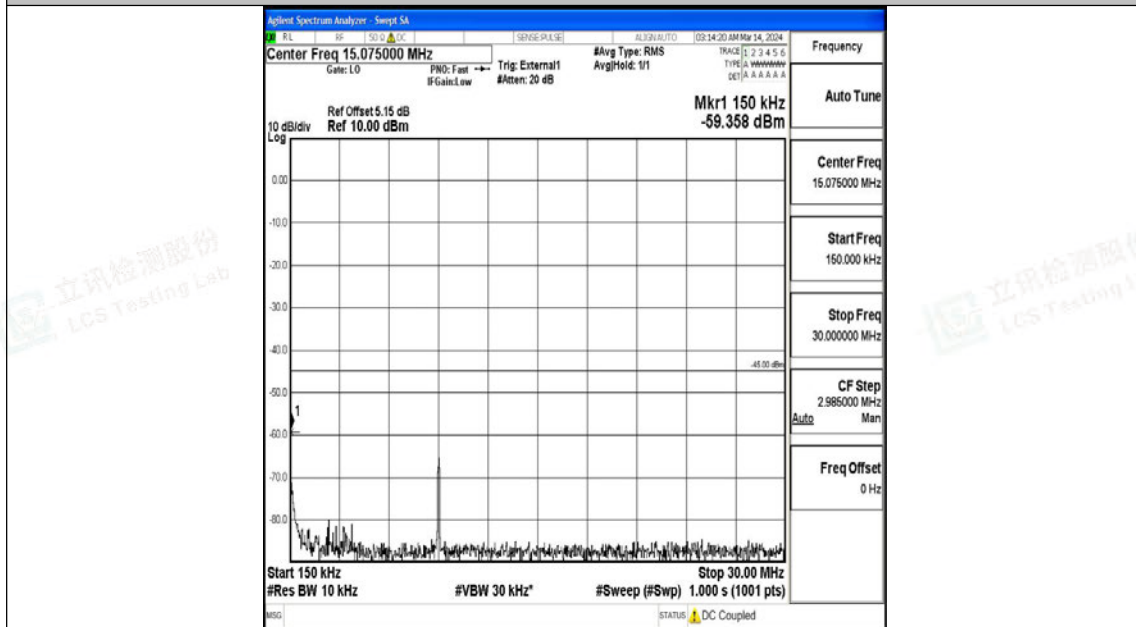


Band38	20MHz	16QAM	38150	1RB#0	0.009~0.15	-58.50	PASS
Band38	20MHz	16QAM	38150	1RB#0	0.15~30	-58.94	PASS
Band38	20MHz	16QAM	38150	1RB#0	30~1000	-61.90	PASS
Band38	20MHz	16QAM	38150	1RB#0	1000~20000	-32.95	PASS
Band38	20MHz	16QAM	38150	1RB#0	20000~27000	-35.48	PASS

Test Graphs

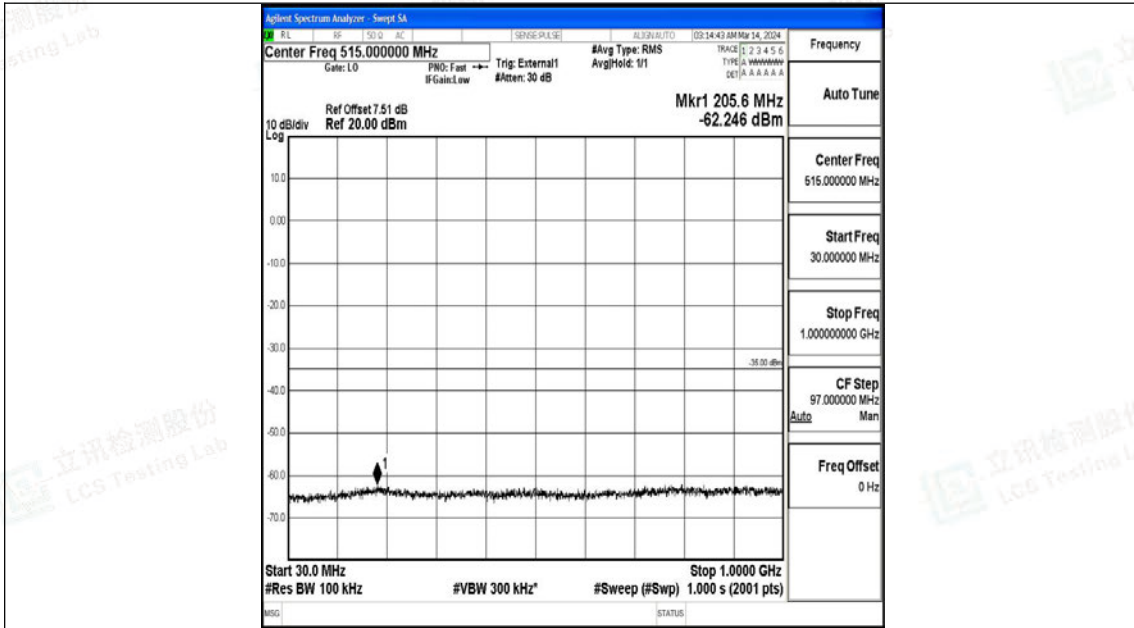


Band38_5MHz_QPSK_37775_1RB#0_0.009~0.15_0.009~0.15

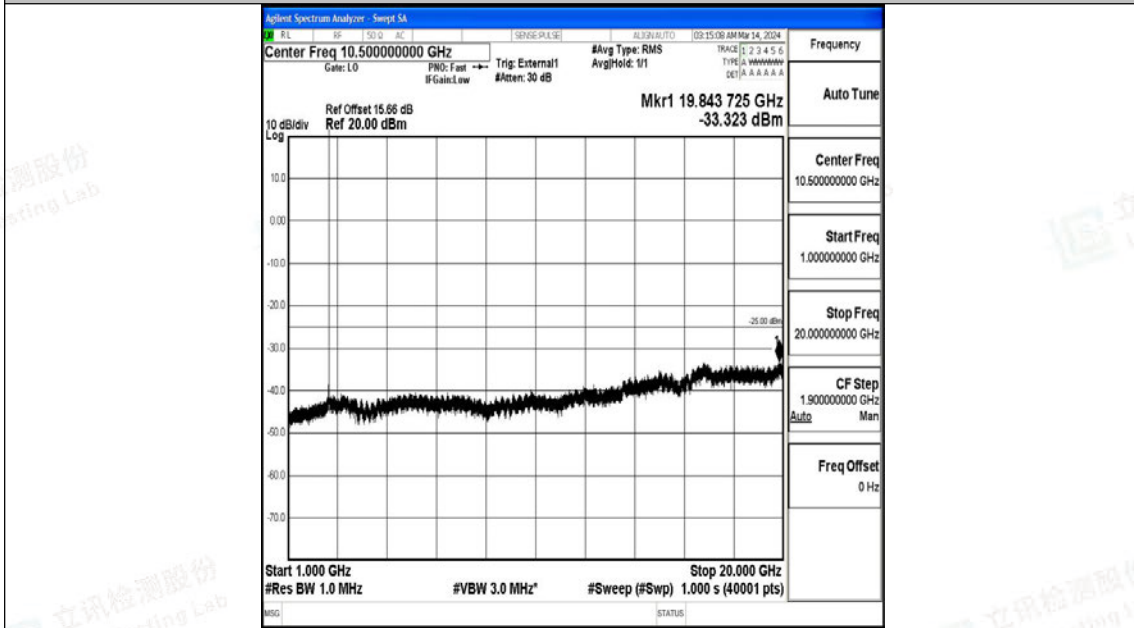


Band38_5MHz_QPSK_37775_1RB#0_0.15~30_0.15~30



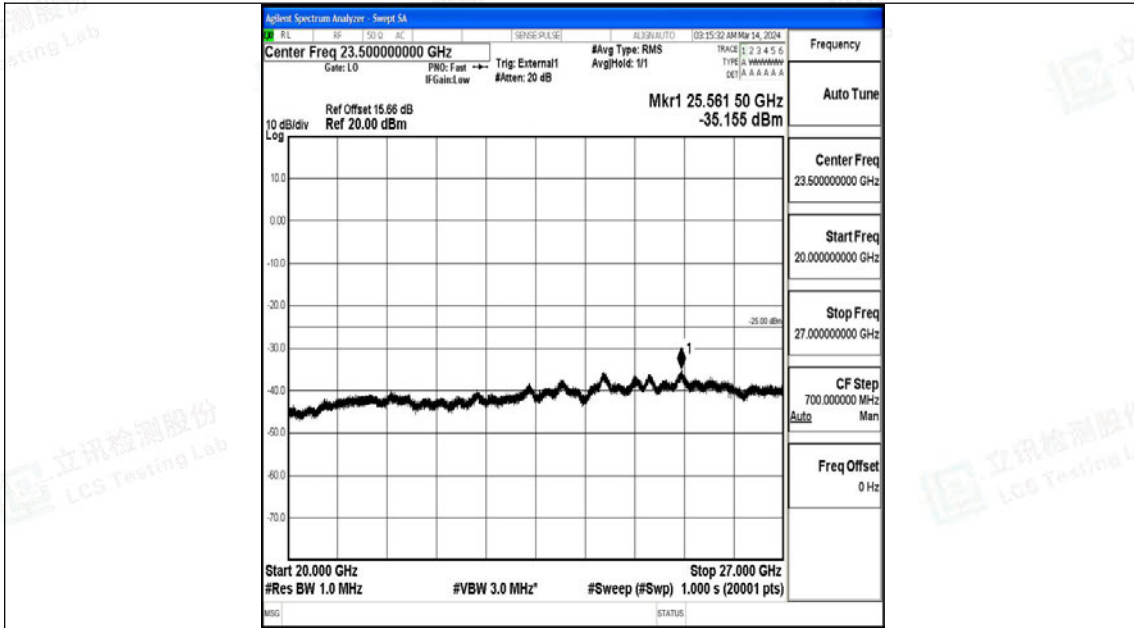


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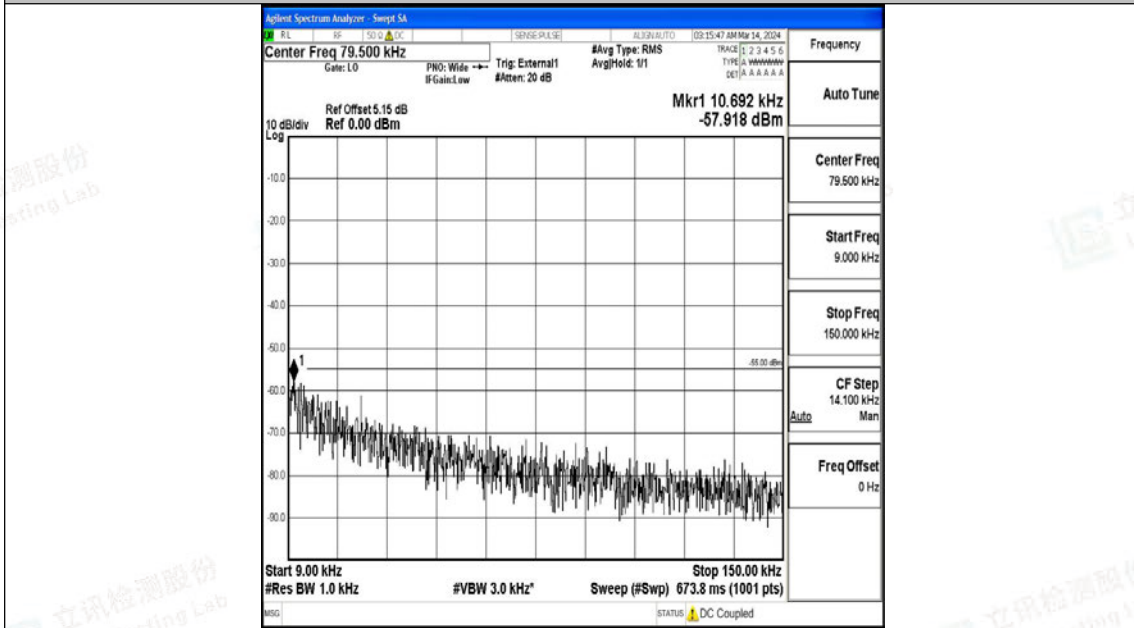


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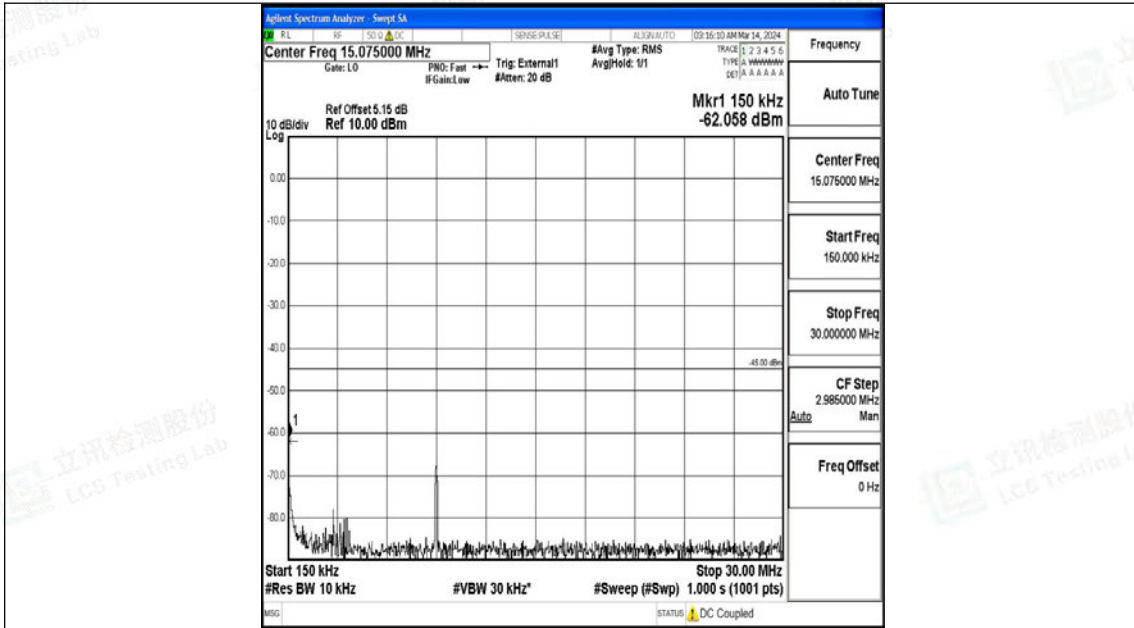


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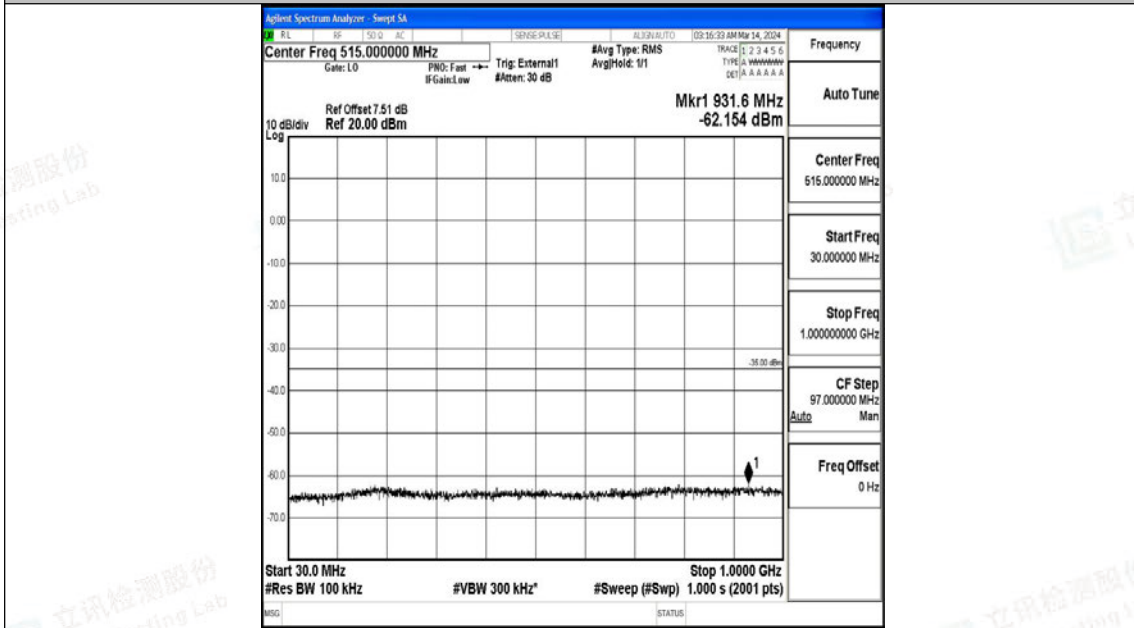


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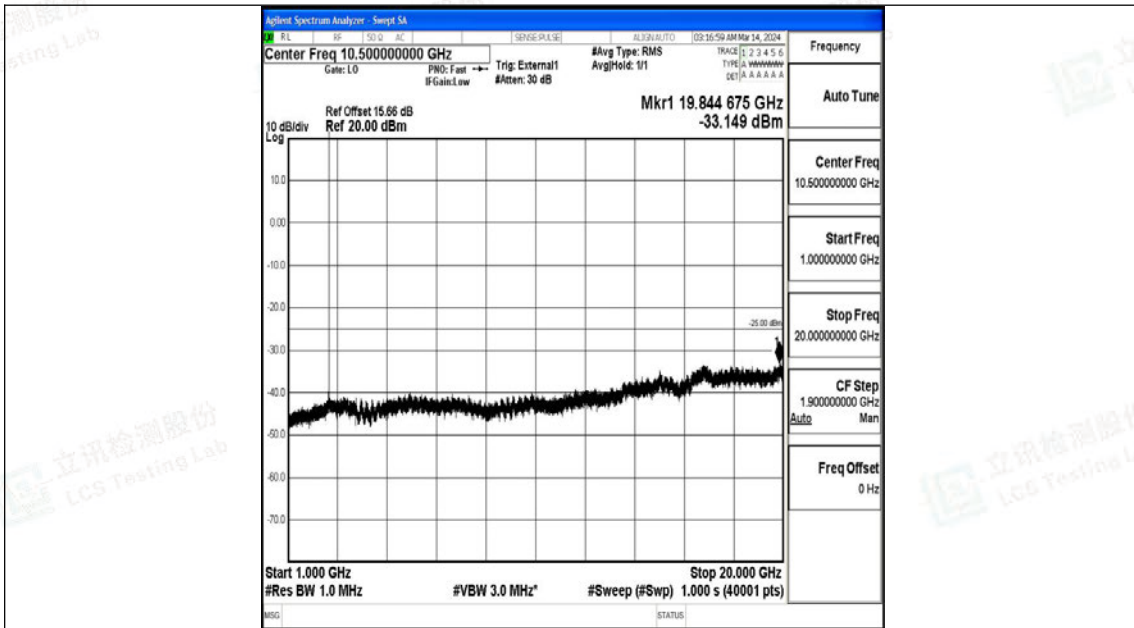


Band38_5MHz_16QAM_37775_1RB#0_0.15~30_0.15~30

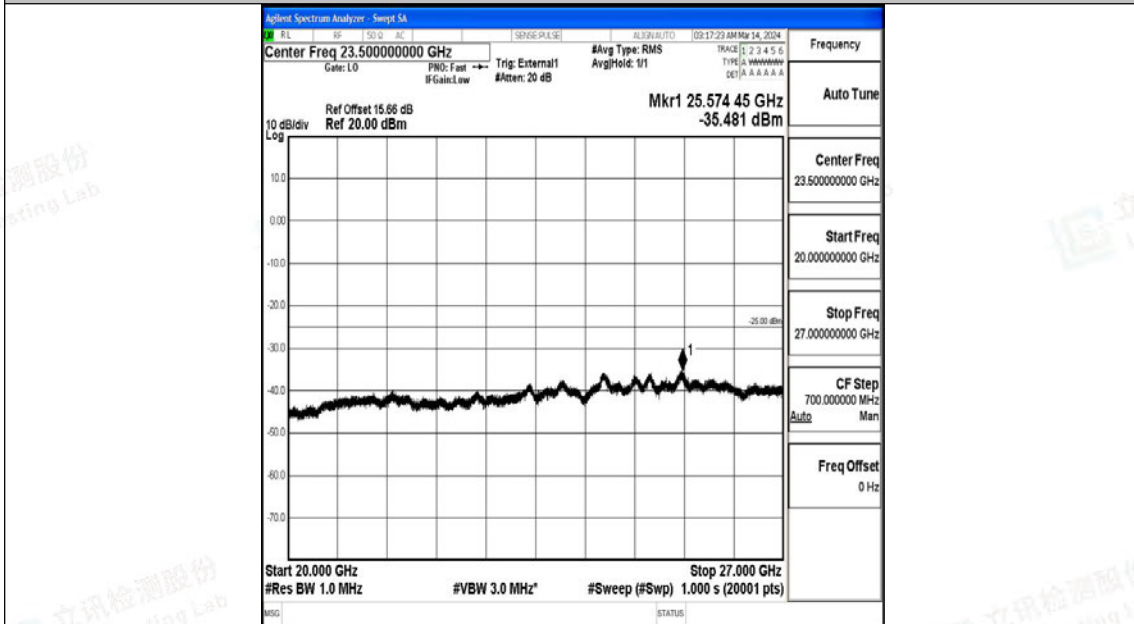


Band38_5MHz_16QAM_37775_1RB#0_30~1000_30~1000



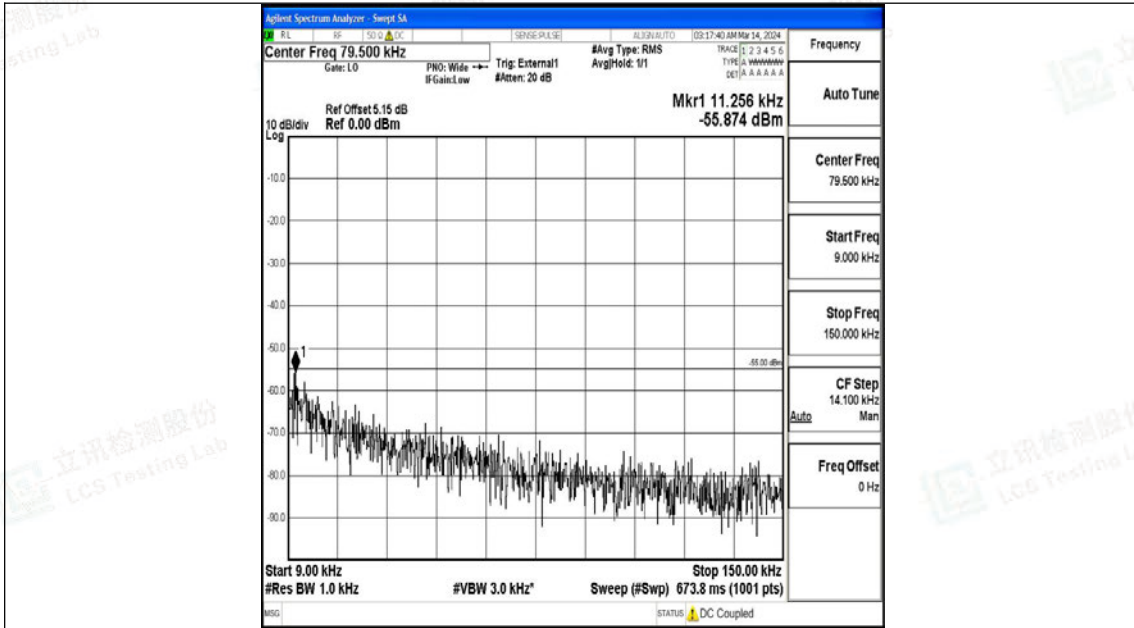


Band38_5MHz_16QAM_37775_1RB#0_1000~20000_1000~20000

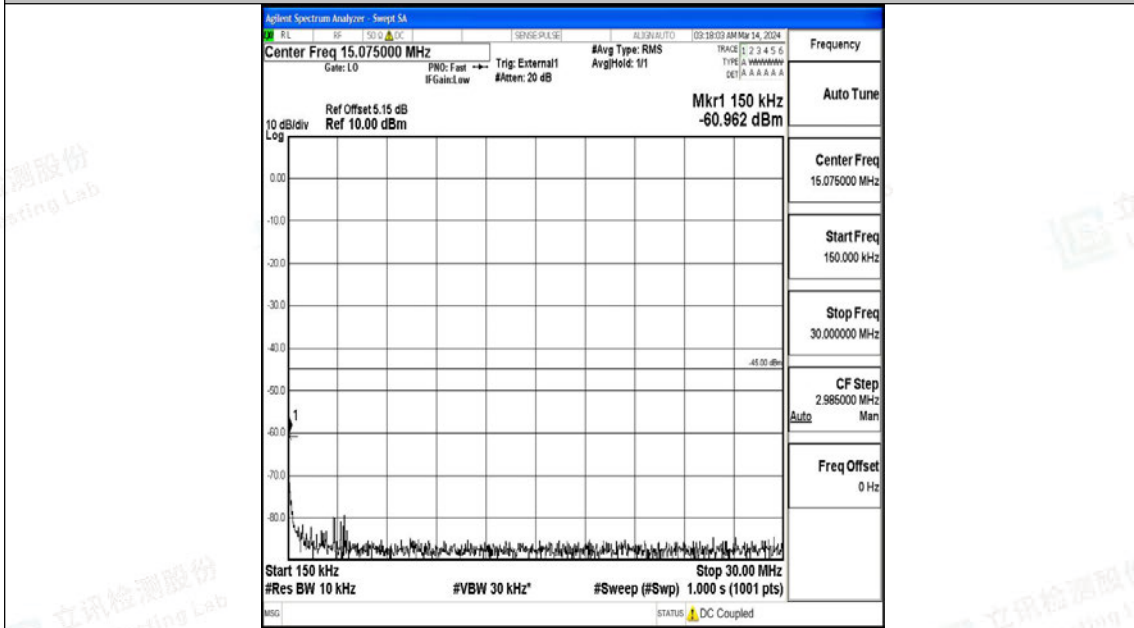


Band38_5MHz_16QAM_37775_1RB#0_20000~27000_20000~27000



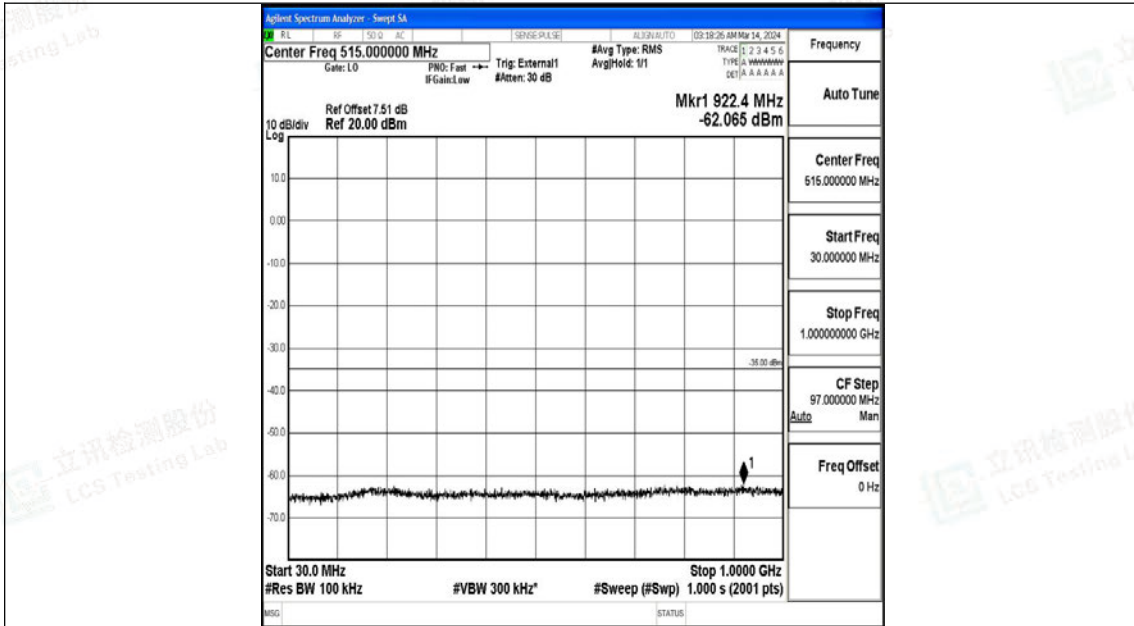


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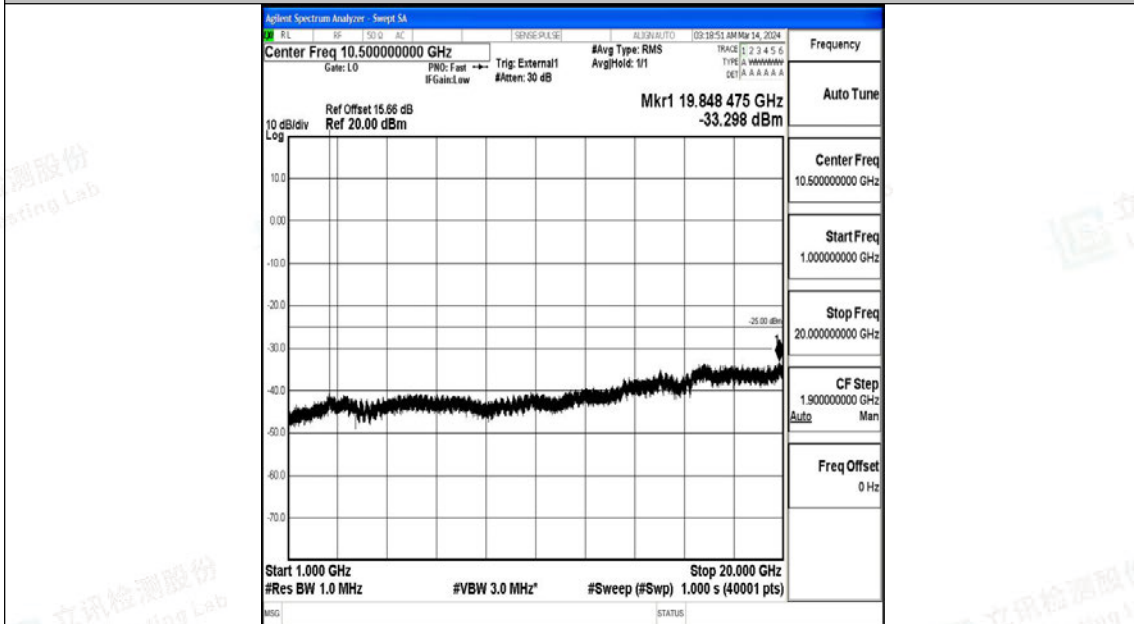


Band38_5MHz_QPSK_38000_1RB#0_0.15~30_0.15~30



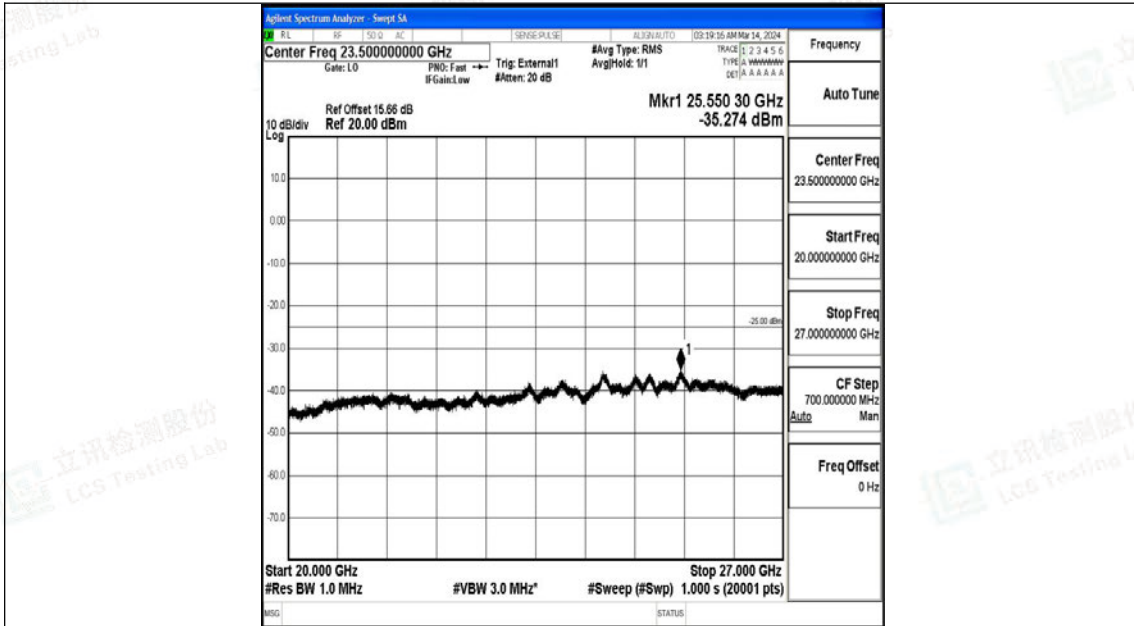


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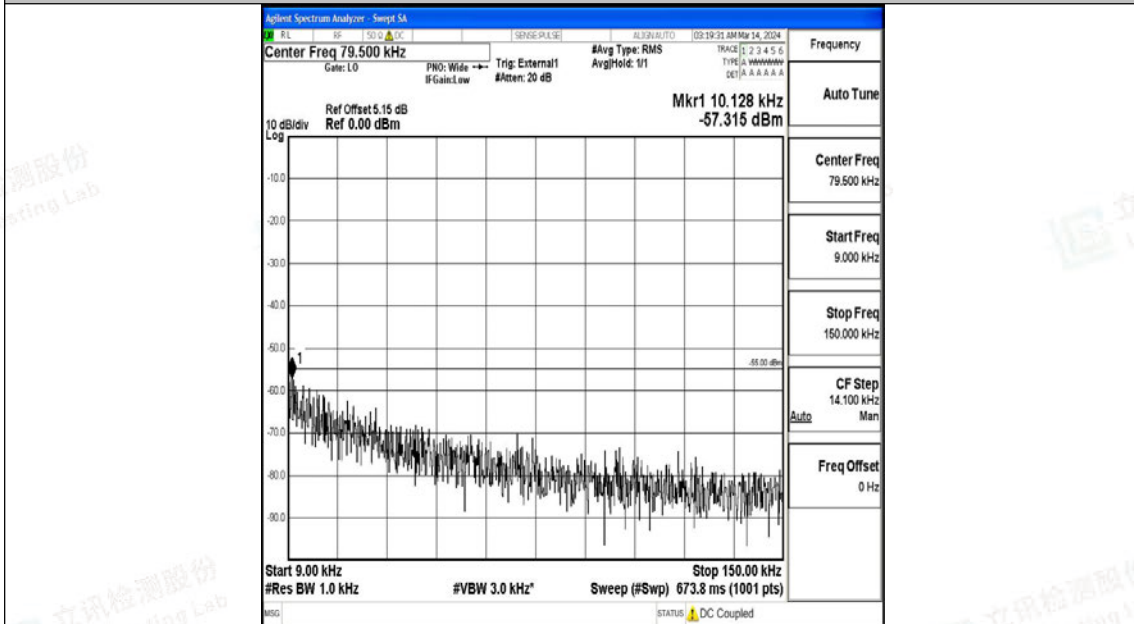


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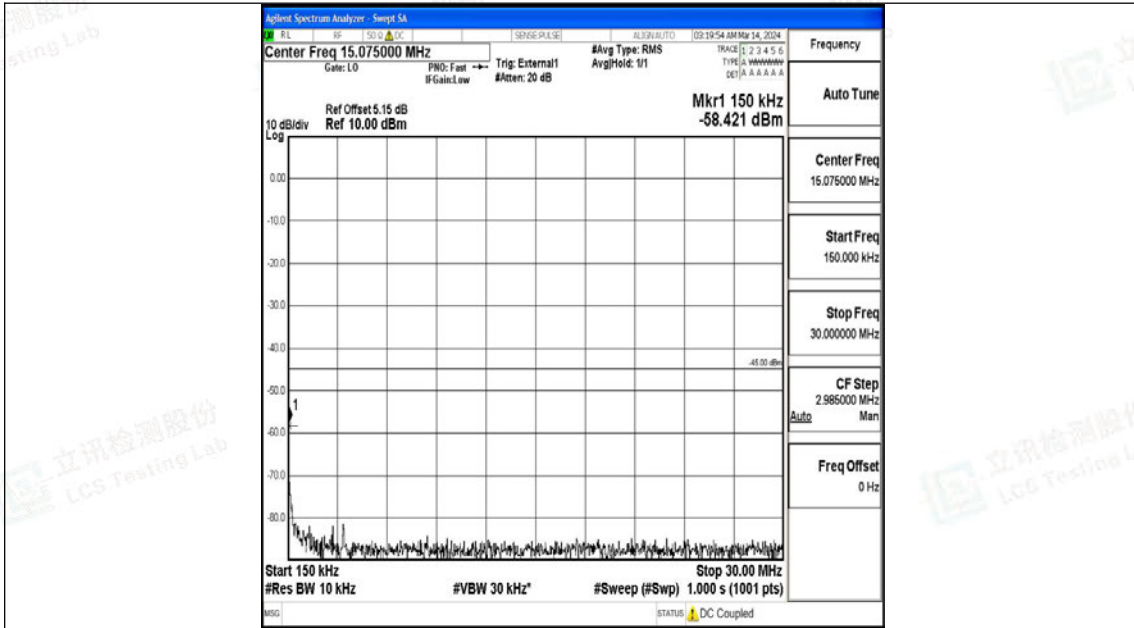


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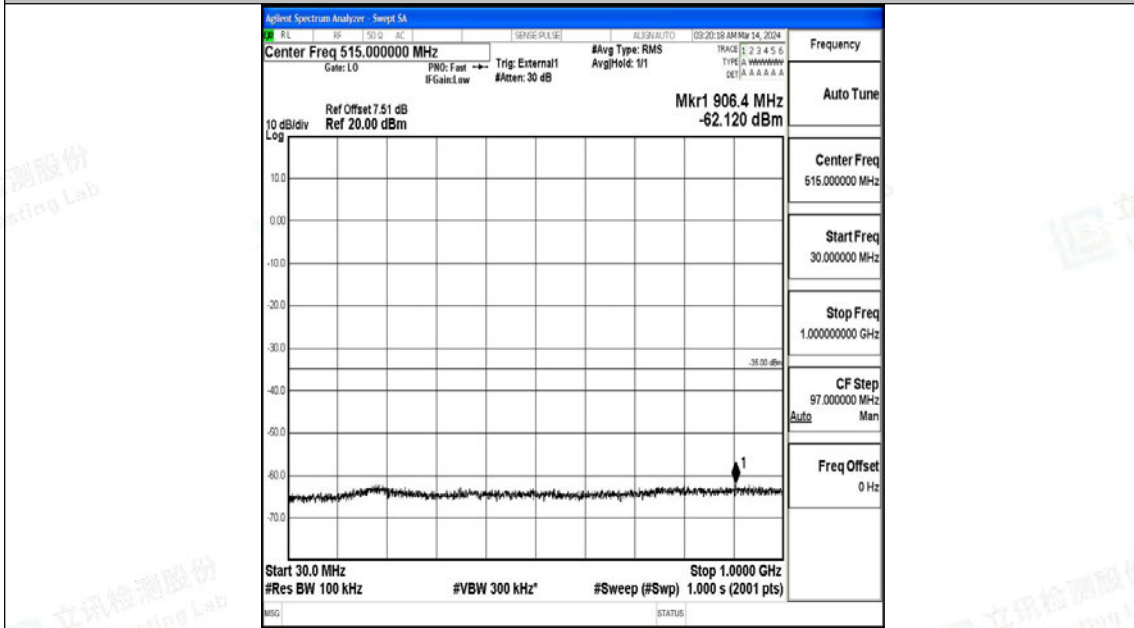


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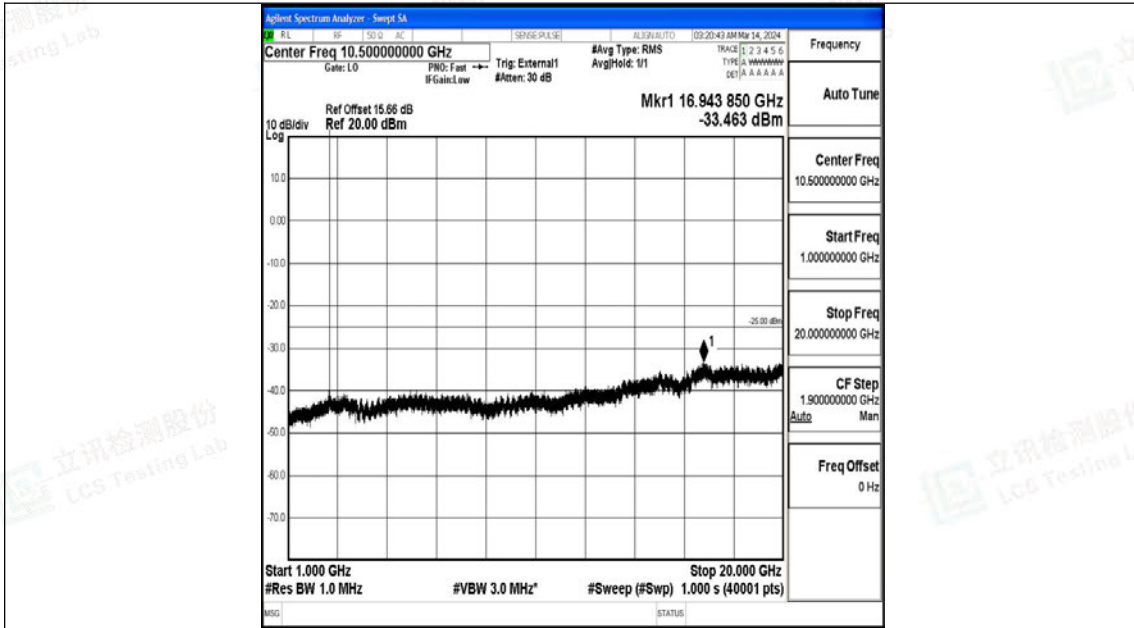


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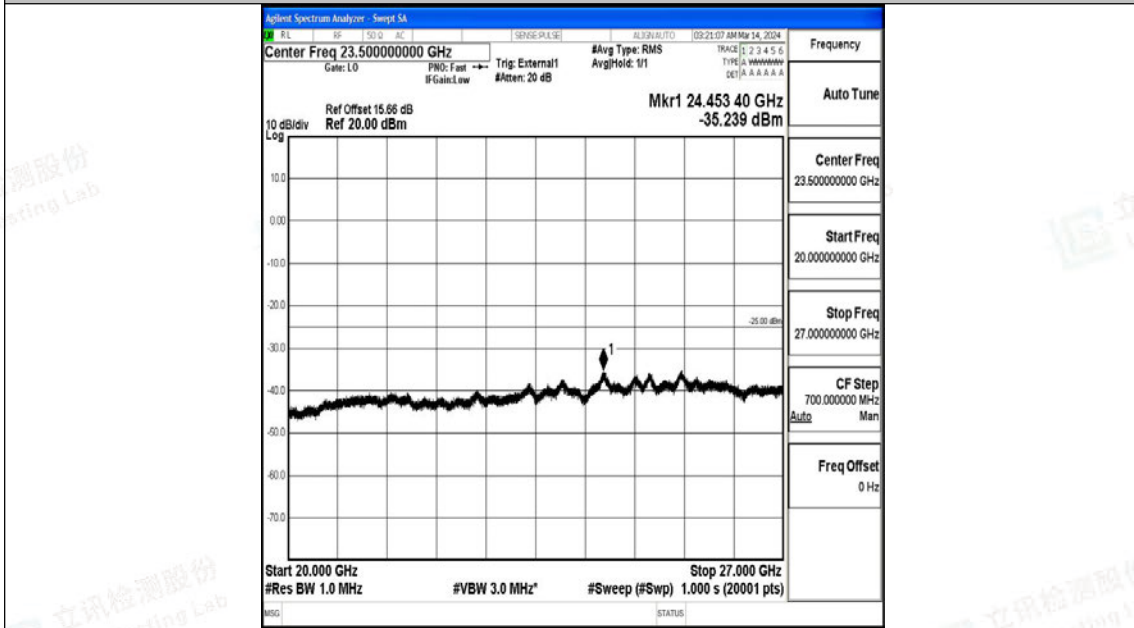


Band38_5MHz_16QAM_38000_1RB#0_30~1000_30~1000



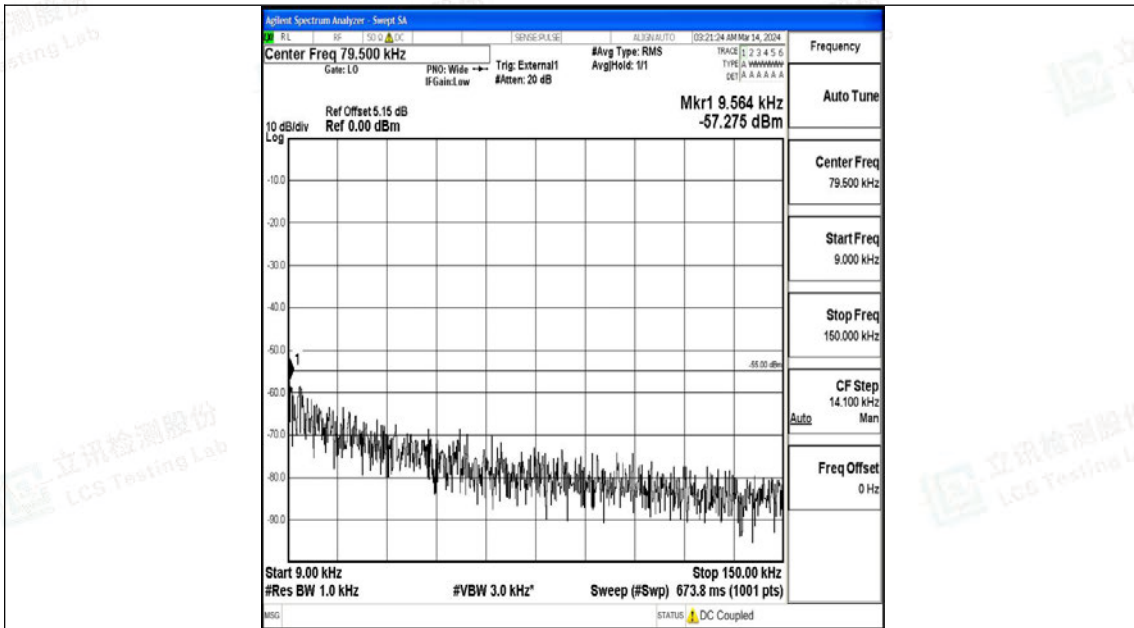


Band38_5MHz_16QAM_38000_1RB#0_1000~20000_1000~20000

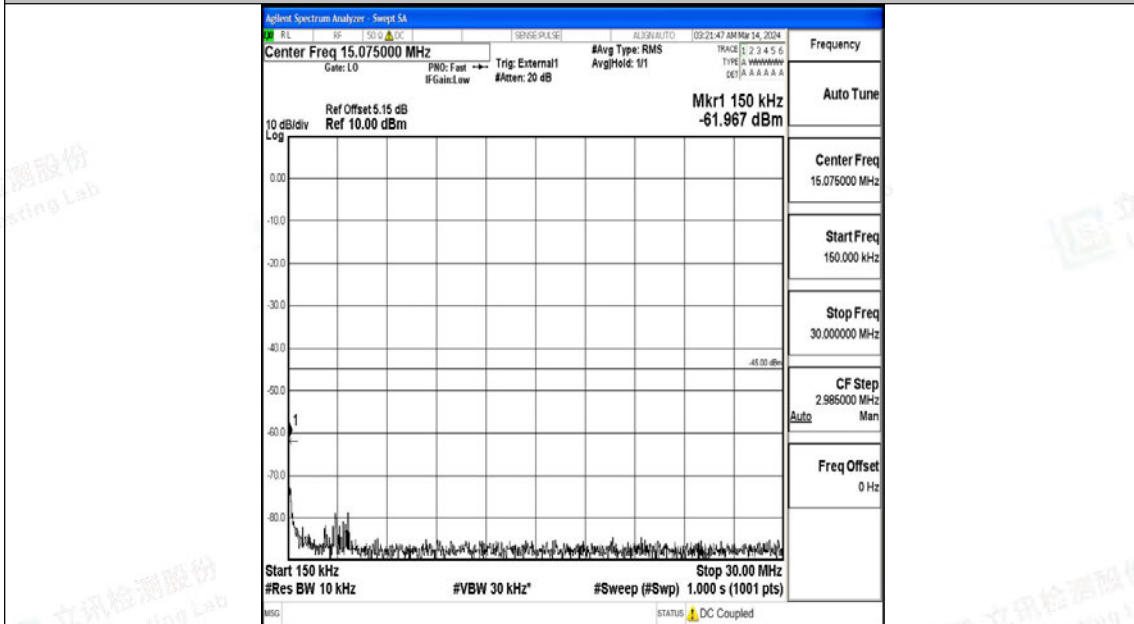


Band38_5MHz_16QAM_38000_1RB#0_20000~27000_20000~27000





Band38_5MHz_QPSK_38225_1RB#0_0.009~0.15_0.009~0.15



Band38_5MHz_QPSK_38225_1RB#0_0.15~30_0.15~30

