



Appendix L: Test Data for E-UTRA Band 41

Product Name: GNSS Receiver

Test Model: A100 Pro

Environmental Conditions

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





L.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	23.37	PASS
Band41	5MHz	16QAM	39675	1RB#0	22.72	PASS
Band41	5MHz	QPSK	39675	1RB#12	23.3	PASS
Band41	5MHz	16QAM	39675	1RB#12	22.84	PASS
Band41	5MHz	QPSK	39675	1RB#24	23.32	PASS
Band41	5MHz	16QAM	39675	1RB#24	23.17	PASS
Band41	5MHz	QPSK	39675	12RB#0	22.3	PASS
Band41	5MHz	16QAM	39675	12RB#0	21.6	PASS
Band41	5MHz	QPSK	39675	12RB#6	22.29	PASS
Band41	5MHz	16QAM	39675	12RB#6	21.68	PASS
Band41	5MHz	QPSK	39675	12RB#13	22.24	PASS
Band41	5MHz	16QAM	39675	12RB#13	21.61	PASS
Band41	5MHz	QPSK	39675	25RB#0	22.29	PASS
Band41	5MHz	16QAM	39675	25RB#0	21.78	PASS
Band41	5MHz	QPSK	40620	1RB#0	23.38	PASS
Band41	5MHz	16QAM	40620	1RB#0	23.17	PASS
Band41	5MHz	QPSK	40620	1RB#12	23.29	PASS
Band41	5MHz	16QAM	40620	1RB#12	23	PASS
Band41	5MHz	QPSK	40620	1RB#24	23.45	PASS
Band41	5MHz	16QAM	40620	1RB#24	23.17	PASS
Band41	5MHz	QPSK	40620	12RB#0	22.28	PASS
Band41	5MHz	16QAM	40620	12RB#0	21.58	PASS
Band41	5MHz	QPSK	40620	12RB#6	22.31	PASS
Band41	5MHz	16QAM	40620	12RB#6	21.67	PASS
Band41	5MHz	QPSK	40620	12RB#13	22.41	PASS
Band41	5MHz	16QAM	40620	12RB#13	21.75	PASS
Band41	5MHz	QPSK	40620	25RB#0	22.44	PASS
Band41	5MHz	16QAM	40620	25RB#0	21.88	PASS
Band41	5MHz	QPSK	41565	1RB#0	22.99	PASS
Band41	5MHz	16QAM	41565	1RB#0	22.56	PASS
Band41	5MHz	QPSK	41565	1RB#12	22.99	PASS
Band41	5MHz	16QAM	41565	1RB#12	22.8	PASS
Band41	5MHz	QPSK	41565	1RB#24	22.93	PASS
Band41	5MHz	16QAM	41565	1RB#24	22.6	PASS
Band41	5MHz	QPSK	41565	12RB#0	21.83	PASS



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Band41	5MHz	16QAM	41565	12RB#0	21.17	PASS
Band41	5MHz	QPSK	41565	12RB#6	21.83	PASS
Band41	5MHz	16QAM	41565	12RB#6	21.16	PASS
Band41	5MHz	QPSK	41565	12RB#13	21.89	PASS
Band41	5MHz	16QAM	41565	12RB#13	21.08	PASS
Band41	5MHz	QPSK	41565	25RB#0	21.79	PASS
Band41	5MHz	16QAM	41565	25RB#0	21.15	PASS
Band41	10MHz	QPSK	39700	1RB#0	23.77	PASS
Band41	10MHz	16QAM	39700	1RB#0	23.62	PASS
Band41	10MHz	QPSK	39700	1RB#24	23.7	PASS
Band41	10MHz	16QAM	39700	1RB#24	23.51	PASS
Band41	10MHz	QPSK	39700	1RB#49	23.65	PASS
Band41	10MHz	16QAM	39700	1RB#49	23.49	PASS
Band41	10MHz	QPSK	39700	25RB#0	22.67	PASS
Band41	10MHz	16QAM	39700	25RB#0	21.97	PASS
Band41	10MHz	QPSK	39700	25RB#12	22.69	PASS
Band41	10MHz	16QAM	39700	25RB#12	21.81	PASS
Band41	10MHz	QPSK	39700	25RB#25	22.28	PASS
Band41	10MHz	16QAM	39700	25RB#25	21.7	PASS
Band41	10MHz	QPSK	39700	50RB#0	22.33	PASS
Band41	10MHz	16QAM	39700	50RB#0	21.74	PASS
Band41	10MHz	QPSK	40620	1RB#0	23.84	PASS
Band41	10MHz	16QAM	40620	1RB#0	23.77	PASS
Band41	10MHz	QPSK	40620	1RB#24	23.69	PASS
Band41	10MHz	16QAM	40620	1RB#24	23.65	PASS
Band41	10MHz	QPSK	40620	1RB#49	23.69	PASS
Band41	10MHz	16QAM	40620	1RB#49	23.64	PASS
Band41	10MHz	QPSK	40620	25RB#0	22.58	PASS
Band41	10MHz	16QAM	40620	25RB#0	22.01	PASS
Band41	10MHz	QPSK	40620	25RB#12	22.54	PASS
Band41	10MHz	16QAM	40620	25RB#12	22.01	PASS
Band41	10MHz	QPSK	40620	25RB#25	22.56	PASS
Band41	10MHz	16QAM	40620	25RB#25	21.95	PASS
Band41	10MHz	QPSK	40620	50RB#0	22.6	PASS
Band41	10MHz	16QAM	40620	50RB#0	22.02	PASS
Band41	10MHz	QPSK	41540	1RB#0	23.19	PASS
Band41	10MHz	16QAM	41540	1RB#0	22.98	PASS
Band41	10MHz	QPSK	41540	1RB#24	23.26	PASS
Band41	10MHz	16QAM	41540	1RB#24	23.09	PASS
Band41	10MHz	QPSK	41540	1RB#49	23.28	PASS



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Band41	10MHz	16QAM	41540	1RB#49	23.07	PASS
Band41	10MHz	QPSK	41540	25RB#0	22.03	PASS
Band41	10MHz	16QAM	41540	25RB#0	21.4	PASS
Band41	10MHz	QPSK	41540	25RB#12	22.04	PASS
Band41	10MHz	16QAM	41540	25RB#12	21.41	PASS
Band41	10MHz	QPSK	41540	25RB#25	21.95	PASS
Band41	10MHz	16QAM	41540	25RB#25	21.27	PASS
Band41	10MHz	QPSK	41540	50RB#0	21.91	PASS
Band41	10MHz	16QAM	41540	50RB#0	21.27	PASS
Band41	15MHz	QPSK	39725	1RB#0	23.77	PASS
Band41	15MHz	16QAM	39725	1RB#0	23.74	PASS
Band41	15MHz	QPSK	39725	1RB#38	23.63	PASS
Band41	15MHz	16QAM	39725	1RB#38	23.52	PASS
Band41	15MHz	QPSK	39725	1RB#74	23.51	PASS
Band41	15MHz	16QAM	39725	1RB#74	23.45	PASS
Band41	15MHz	QPSK	39725	38RB#0	22.5	PASS
Band41	15MHz	16QAM	39725	38RB#0	22.5	PASS
Band41	15MHz	QPSK	39725	38RB#18	22.5	PASS
Band41	15MHz	16QAM	39725	38RB#18	22.5	PASS
Band41	15MHz	QPSK	39725	38RB#37	22.5	PASS
Band41	15MHz	16QAM	39725	38RB#37	22.62	PASS
Band41	15MHz	QPSK	39725	75RB#0	22.61	PASS
Band41	15MHz	16QAM	39725	75RB#0	21.99	PASS
Band41	15MHz	QPSK	40620	1RB#0	23.88	PASS
Band41	15MHz	16QAM	40620	1RB#0	23.75	PASS
Band41	15MHz	QPSK	40620	1RB#38	23.75	PASS
Band41	15MHz	16QAM	40620	1RB#38	23.63	PASS
Band41	15MHz	QPSK	40620	1RB#74	23.56	PASS
Band41	15MHz	16QAM	40620	1RB#74	23.54	PASS
Band41	15MHz	QPSK	40620	38RB#0	22.55	PASS
Band41	15MHz	16QAM	40620	38RB#0	22.55	PASS
Band41	15MHz	QPSK	40620	38RB#18	22.55	PASS
Band41	15MHz	16QAM	40620	38RB#18	22.56	PASS
Band41	15MHz	QPSK	40620	38RB#37	22.56	PASS
Band41	15MHz	16QAM	40620	38RB#37	22.56	PASS
Band41	15MHz	QPSK	40620	75RB#0	22.54	PASS
Band41	15MHz	16QAM	40620	75RB#0	22	PASS
Band41	15MHz	QPSK	41515	1RB#0	23.2	PASS
Band41	15MHz	16QAM	41515	1RB#0	22.97	PASS
Band41	15MHz	QPSK	41515	1RB#38	23.32	PASS



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Band41	15MHz	16QAM	41515	1RB#38	23.13	PASS
Band41	15MHz	QPSK	41515	1RB#74	23.35	PASS
Band41	15MHz	16QAM	41515	1RB#74	23.17	PASS
Band41	15MHz	QPSK	41515	38RB#0	21.95	PASS
Band41	15MHz	16QAM	41515	38RB#0	21.96	PASS
Band41	15MHz	QPSK	41515	38RB#18	21.96	PASS
Band41	15MHz	16QAM	41515	38RB#18	21.96	PASS
Band41	15MHz	QPSK	41515	38RB#37	21.96	PASS
Band41	15MHz	16QAM	41515	38RB#37	21.96	PASS
Band41	15MHz	QPSK	41515	75RB#0	21.96	PASS
Band41	15MHz	16QAM	41515	75RB#0	21.35	PASS
Band41	20MHz	QPSK	39750	1RB#0	23.36	PASS
Band41	20MHz	16QAM	39750	1RB#0	22.85	PASS
Band41	20MHz	QPSK	39750	1RB#49	23.17	PASS
Band41	20MHz	16QAM	39750	1RB#49	22.71	PASS
Band41	20MHz	QPSK	39750	1RB#99	23.12	PASS
Band41	20MHz	16QAM	39750	1RB#99	22.65	PASS
Band41	20MHz	QPSK	39750	50RB#0	22.36	PASS
Band41	20MHz	16QAM	39750	50RB#0	21.89	PASS
Band41	20MHz	QPSK	39750	50RB#25	22.37	PASS
Band41	20MHz	16QAM	39750	50RB#25	21.89	PASS
Band41	20MHz	QPSK	39750	50RB#50	22.05	PASS
Band41	20MHz	16QAM	39750	50RB#50	21.6	PASS
Band41	20MHz	QPSK	39750	100RB#0	22.29	PASS
Band41	20MHz	16QAM	39750	100RB#0	21.69	PASS
Band41	20MHz	QPSK	40620	1RB#0	23.54	PASS
Band41	20MHz	16QAM	40620	1RB#0	23.77	PASS
Band41	20MHz	QPSK	40620	1RB#49	23.74	PASS
Band41	20MHz	16QAM	40620	1RB#49	23.44	PASS
Band41	20MHz	QPSK	40620	1RB#99	23.18	PASS
Band41	20MHz	16QAM	40620	1RB#99	23.17	PASS
Band41	20MHz	QPSK	40620	50RB#0	22.77	PASS
Band41	20MHz	16QAM	40620	50RB#0	22.27	PASS
Band41	20MHz	QPSK	40620	50RB#25	22.63	PASS
Band41	20MHz	16QAM	40620	50RB#25	22.25	PASS
Band41	20MHz	QPSK	40620	50RB#50	22.6	PASS
Band41	20MHz	16QAM	40620	50RB#50	22.08	PASS
Band41	20MHz	QPSK	40620	100RB#0	22.69	PASS
Band41	20MHz	16QAM	40620	100RB#0	22	PASS
Band41	20MHz	QPSK	41490	1RB#0	22.91	PASS



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Band41	20MHz	16QAM	41490	1RB#0	23.12	PASS
Band41	20MHz	QPSK	41490	1RB#49	23.15	PASS
Band41	20MHz	16QAM	41490	1RB#49	23.11	PASS
Band41	20MHz	QPSK	41490	1RB#99	22.96	PASS
Band41	20MHz	16QAM	41490	1RB#99	23.13	PASS
Band41	20MHz	QPSK	41490	50RB#0	22.2	PASS
Band41	20MHz	16QAM	41490	50RB#0	21.64	PASS
Band41	20MHz	QPSK	41490	50RB#25	22.22	PASS
Band41	20MHz	16QAM	41490	50RB#25	21.49	PASS
Band41	20MHz	QPSK	41490	50RB#50	22.21	PASS
Band41	20MHz	16QAM	41490	50RB#50	21.58	PASS
Band41	20MHz	QPSK	41490	100RB#0	21.97	PASS
Band41	20MHz	16QAM	41490	100RB#0	21.26	PASS



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	8.50	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	8.81	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	8.97	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	9.67	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	8.64	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	8.81	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	9.10	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	9.74	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	8.27	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	8.74	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	9.06	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	9.82	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	8.23	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	8.67	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	9.18	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.58	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	8.50	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	8.81	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.93	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.36	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	8.28	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	8.65	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.96	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.80	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	8.24	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	8.41	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	9.19	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	9.91	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	8.40	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	8.76	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	9.31	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	9.90	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	8.16	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	8.78	13	PASS



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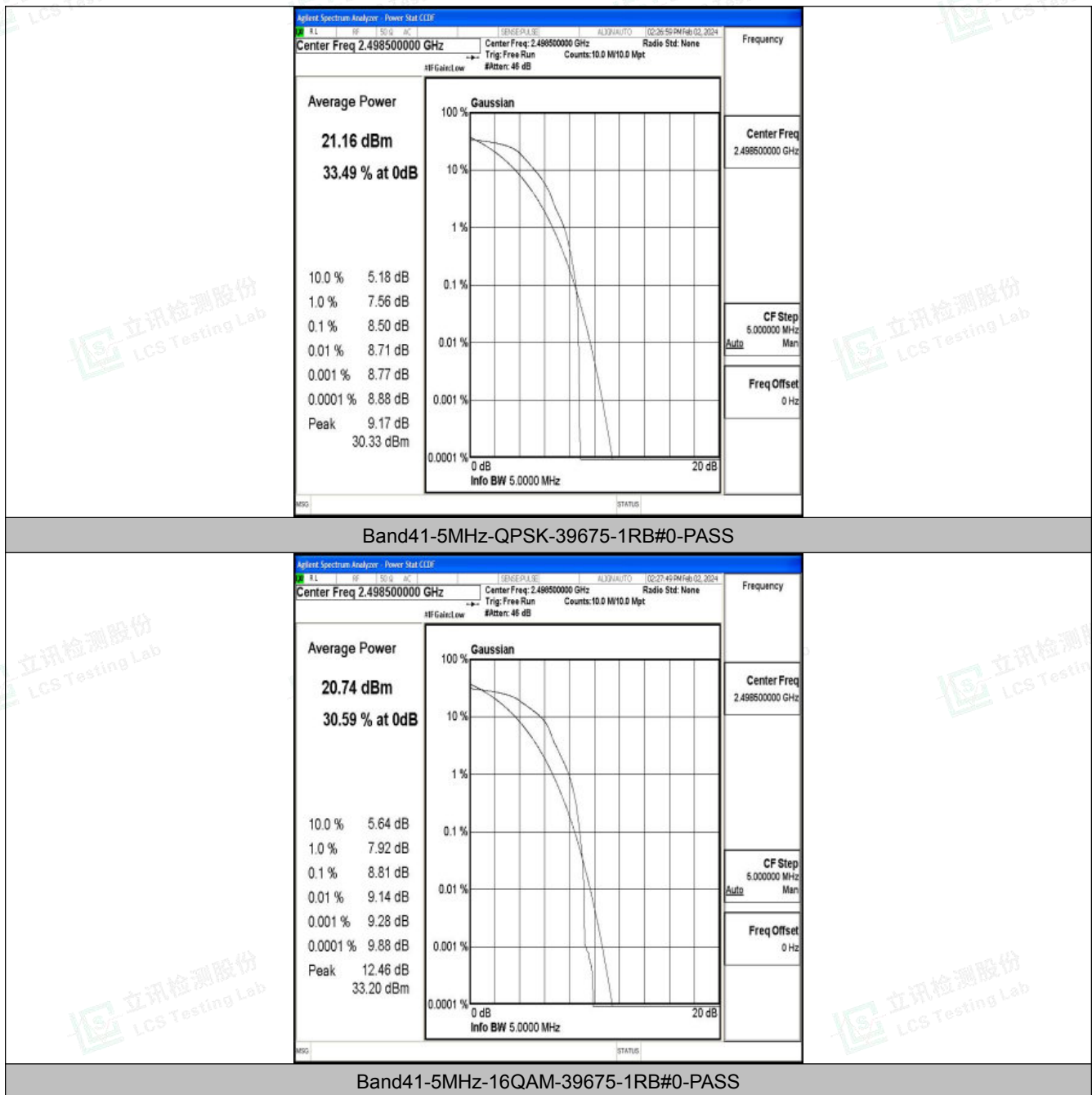


Band41	15MHz	QPSK	41515	75RB#0	9.42	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	9.98	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	8.40	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	8.84	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	9.37	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.78	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	8.15	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	8.49	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.96	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.87	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	8.17	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	8.24	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	8.78	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	9.80	13	PASS





Test Graphs

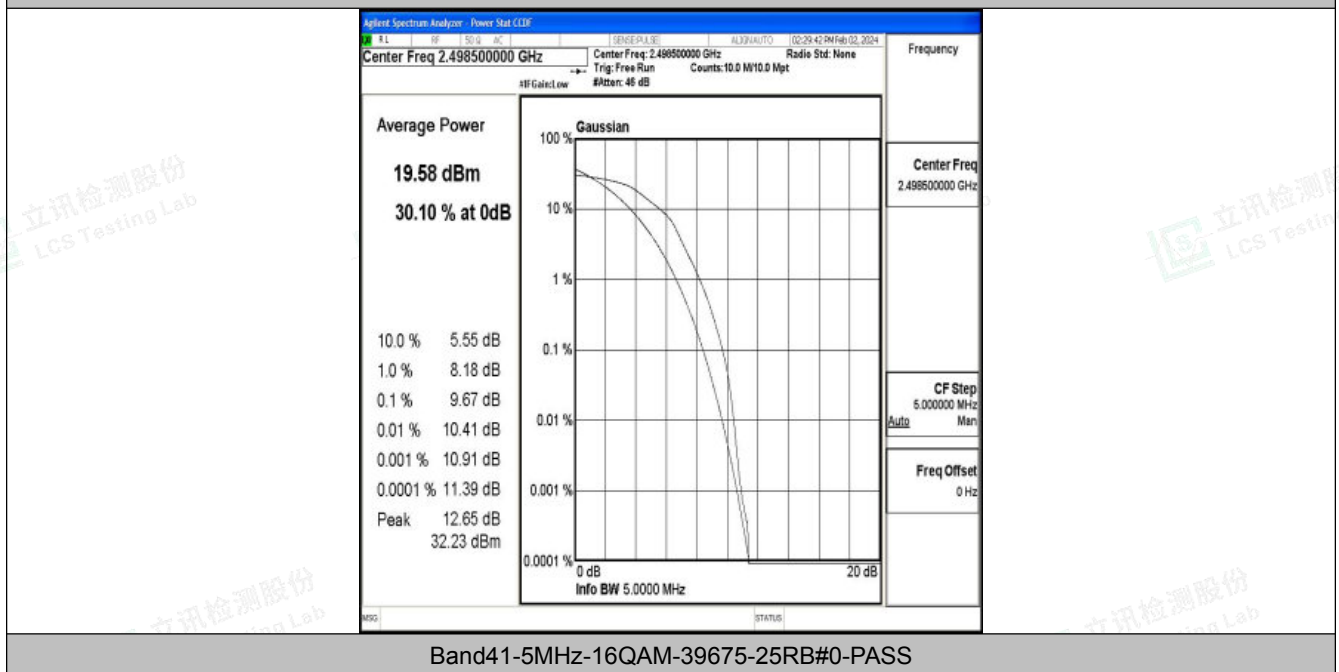
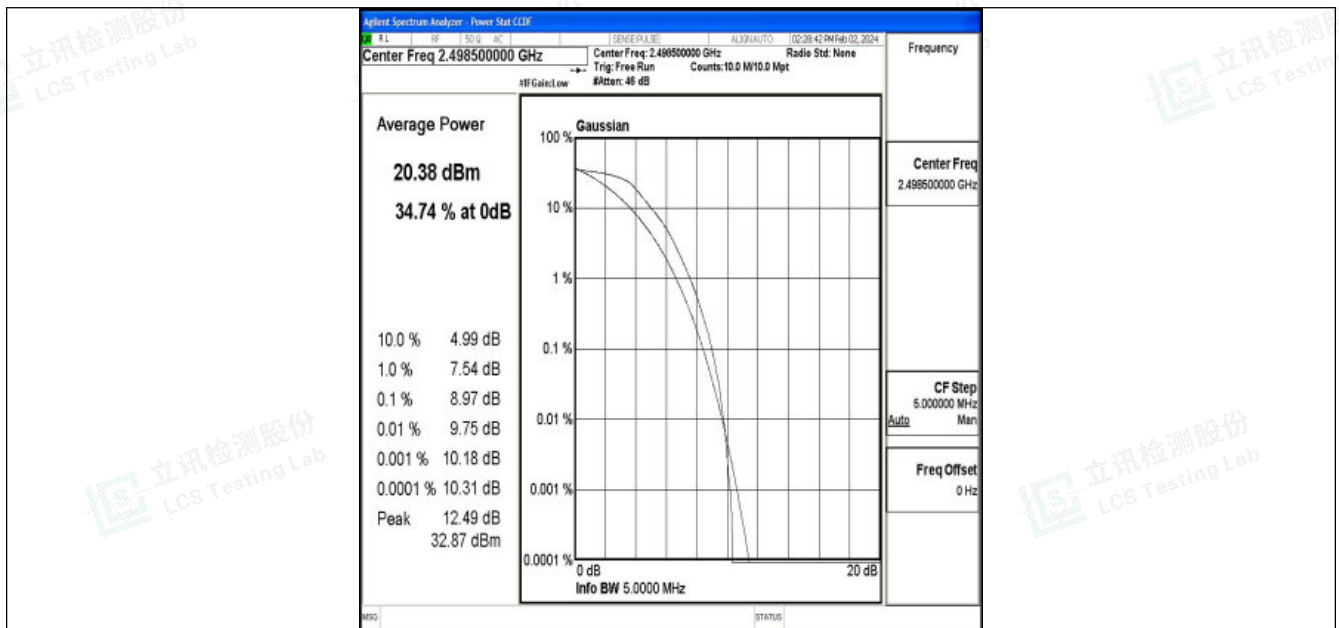


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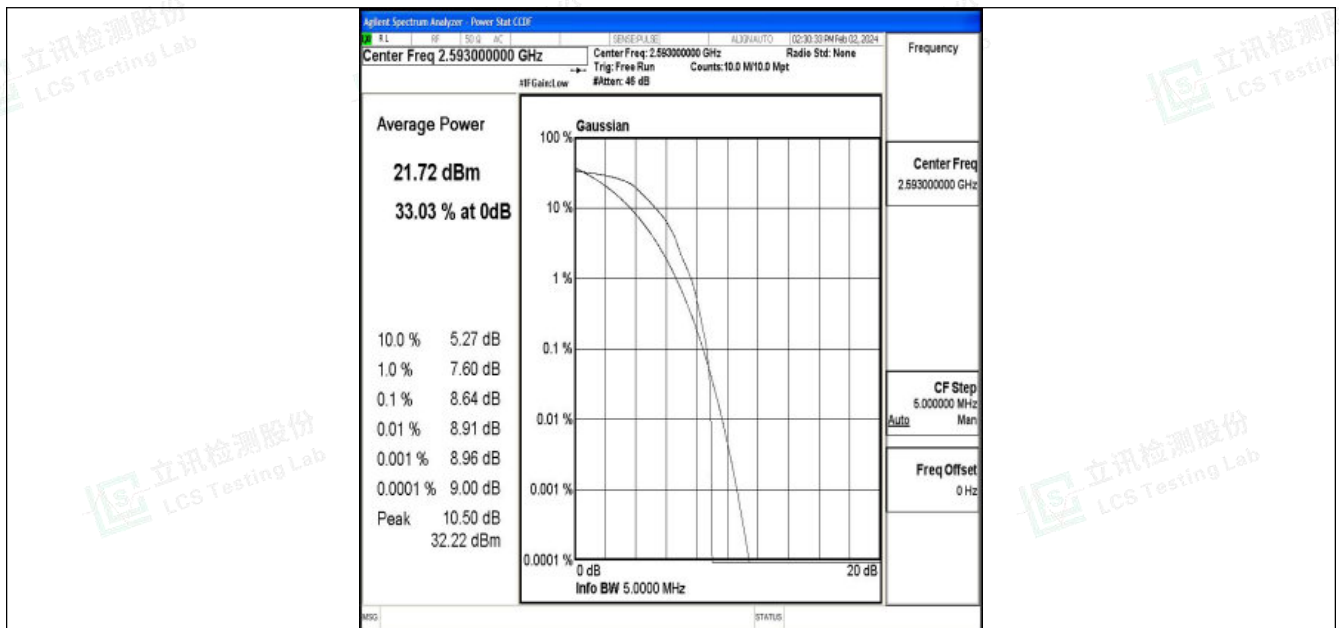


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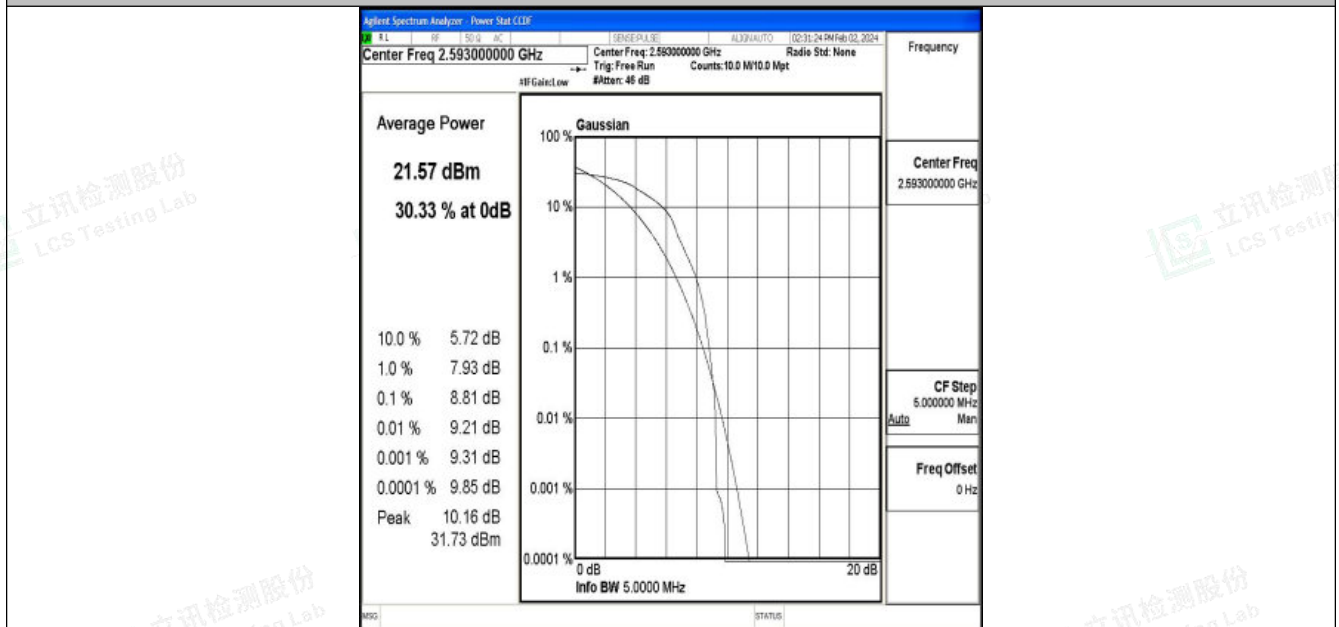
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Band41-5MHz-QPSK-40620-1RB#0-PASS



Band41-5MHz-16QAM-40620-1RB#0-PASS

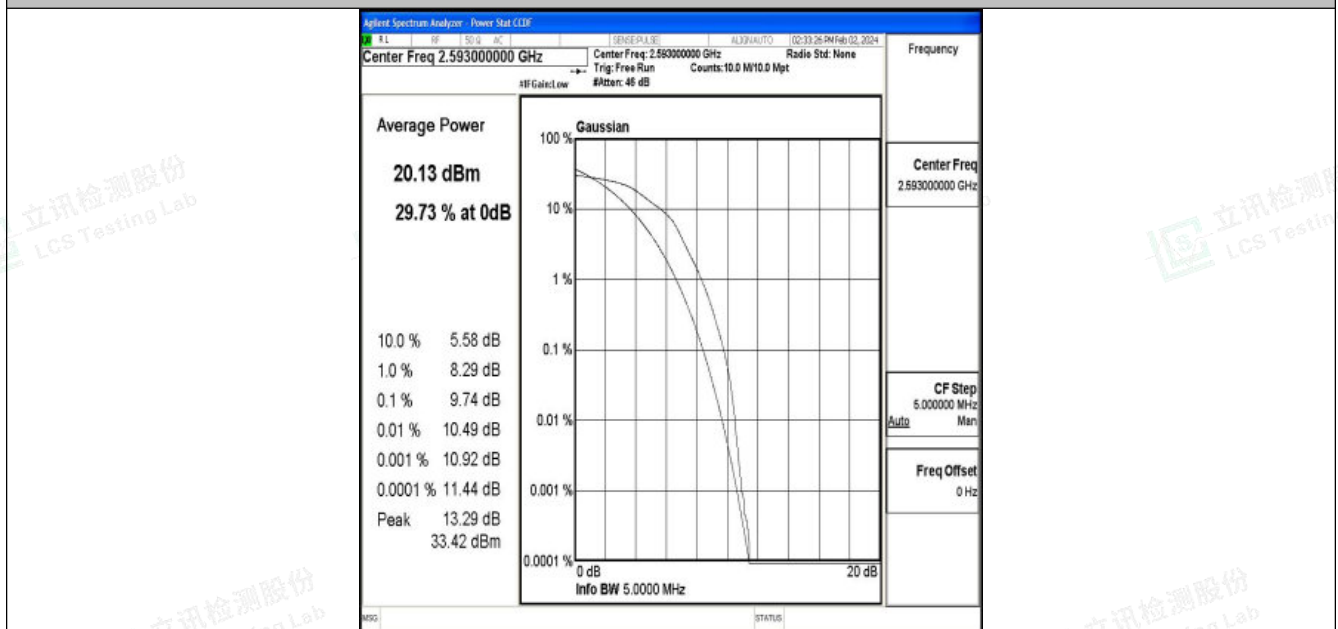
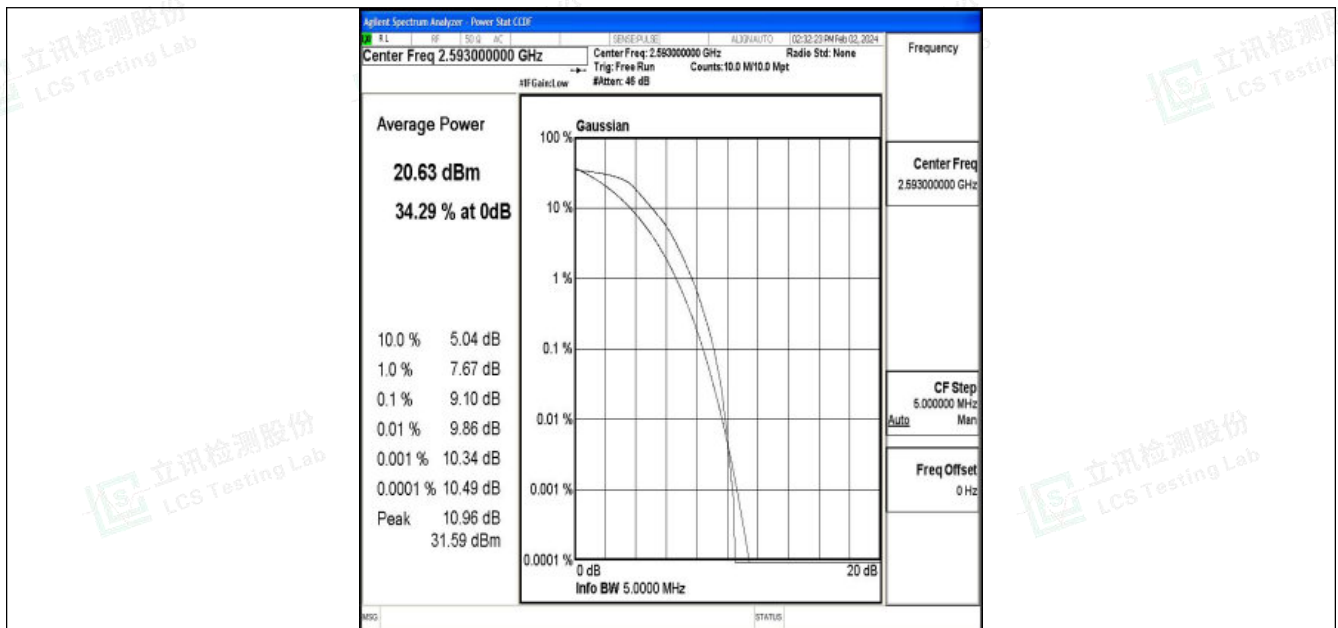


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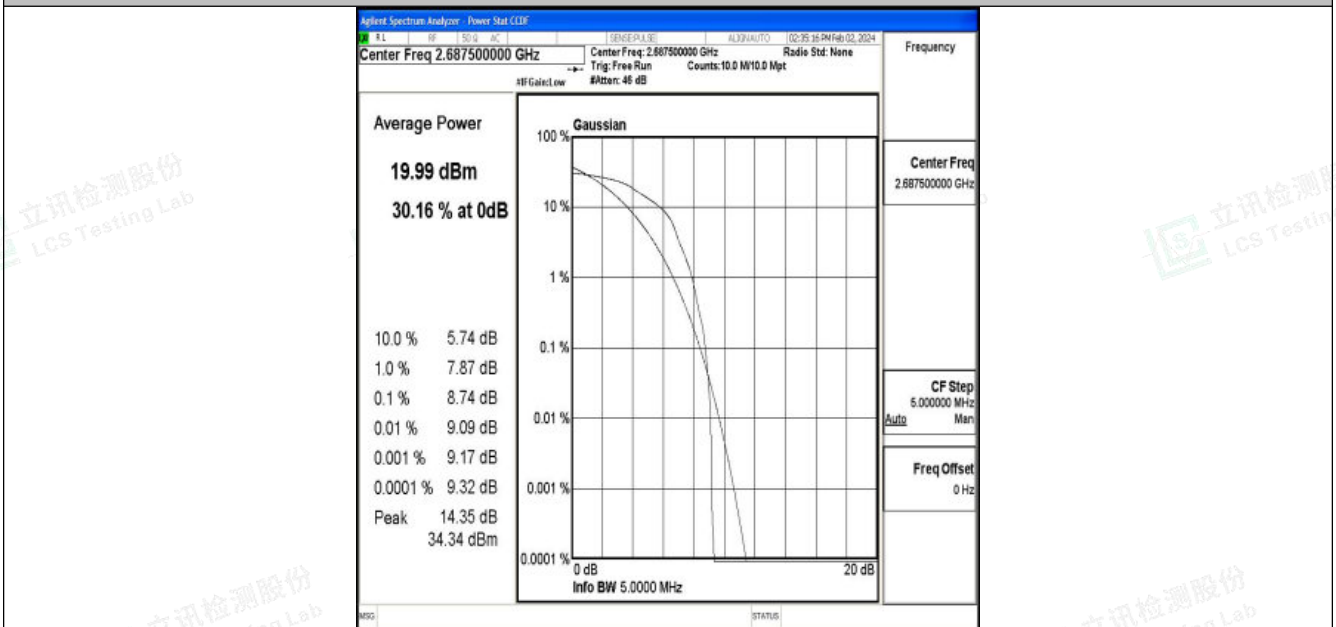
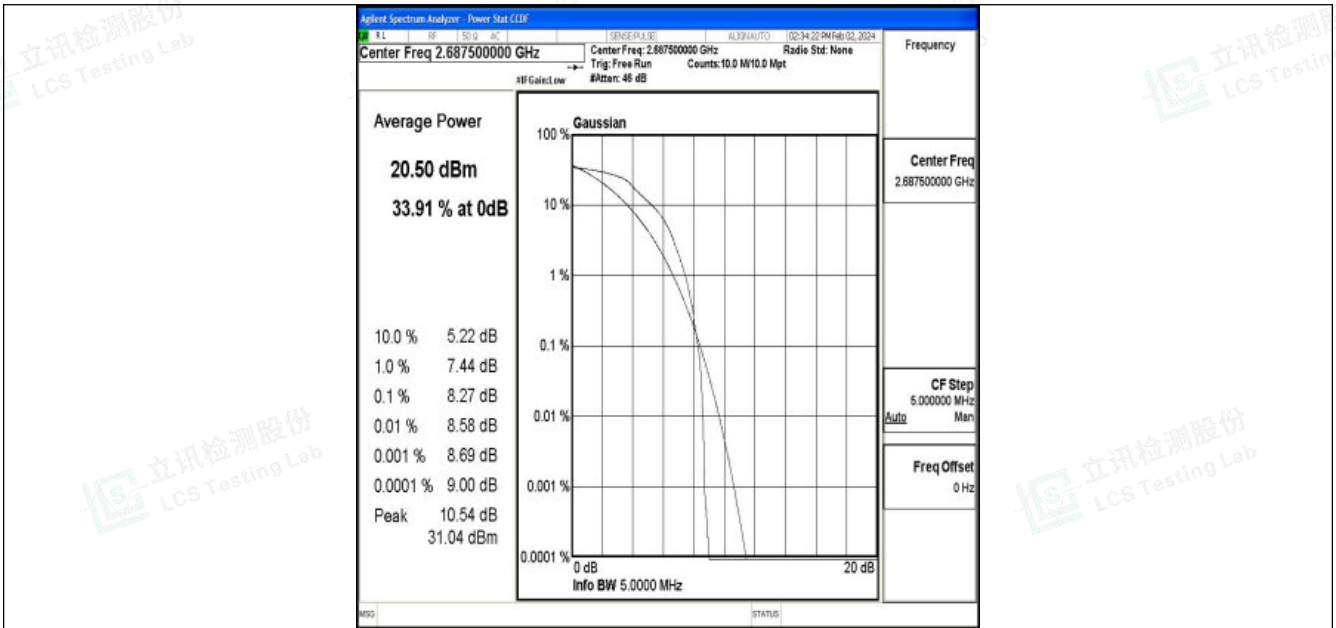


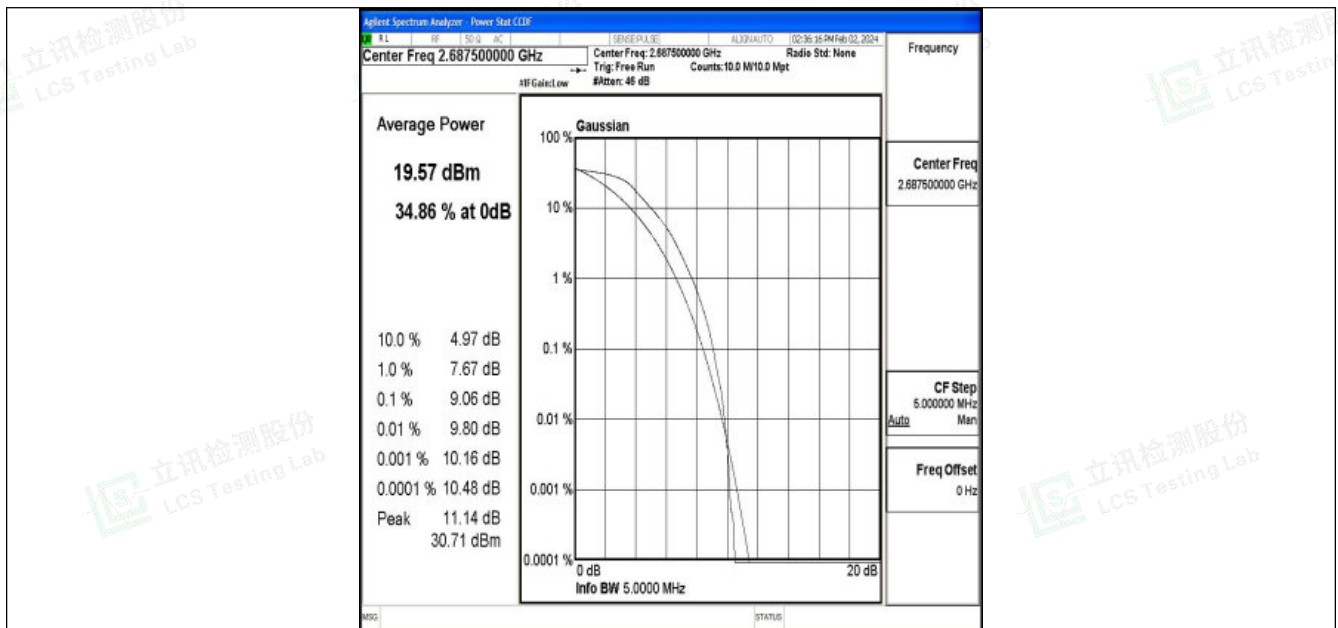
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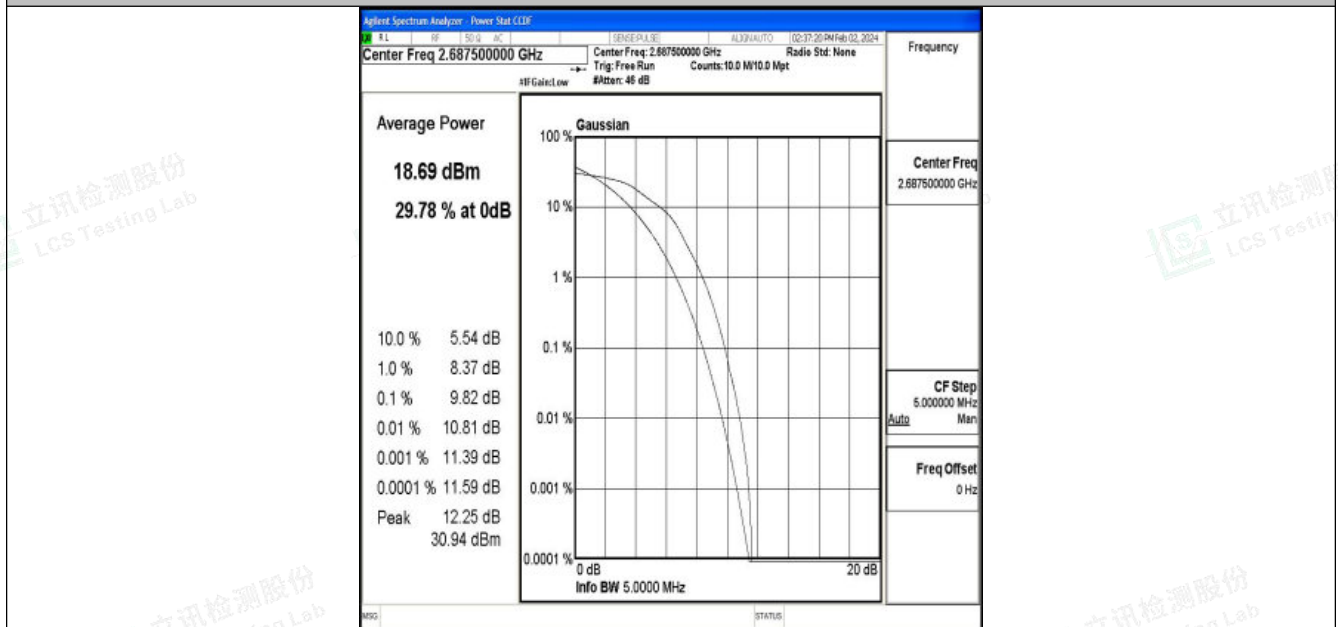
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity





Band41-5MHz-QPSK-41565-25RB#0-PASS



Band41-5MHz-16QAM-41565-25RB#0-PASS

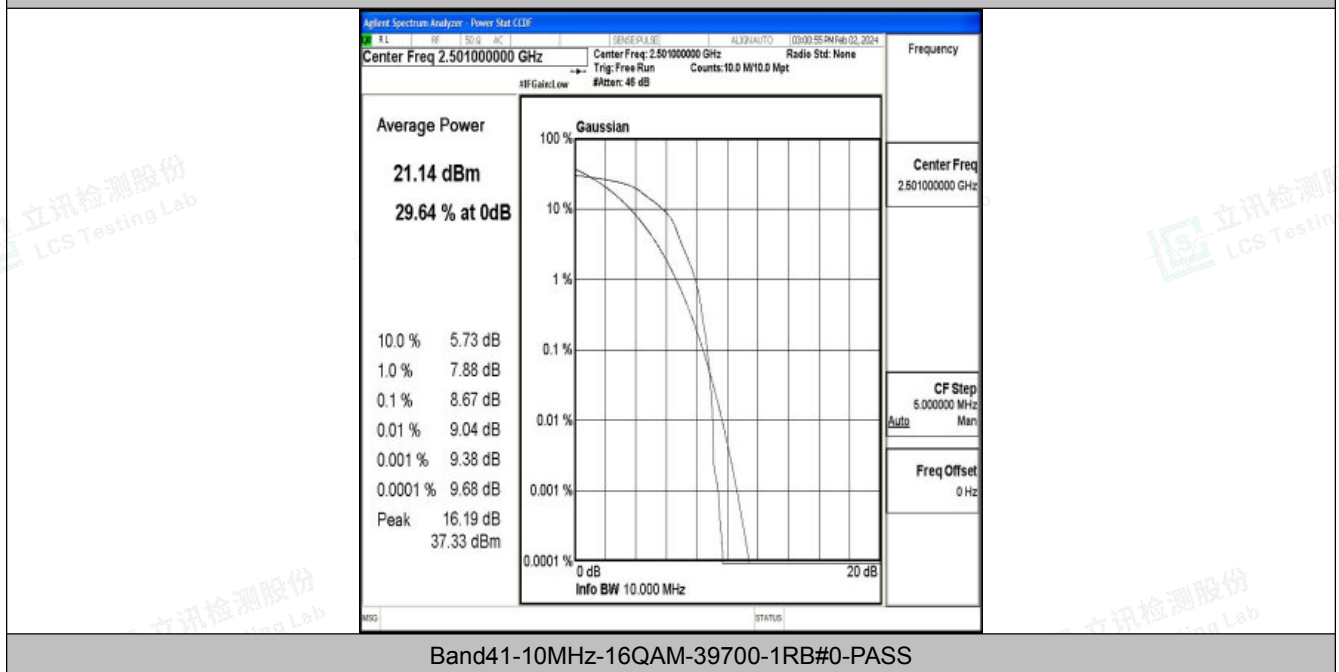
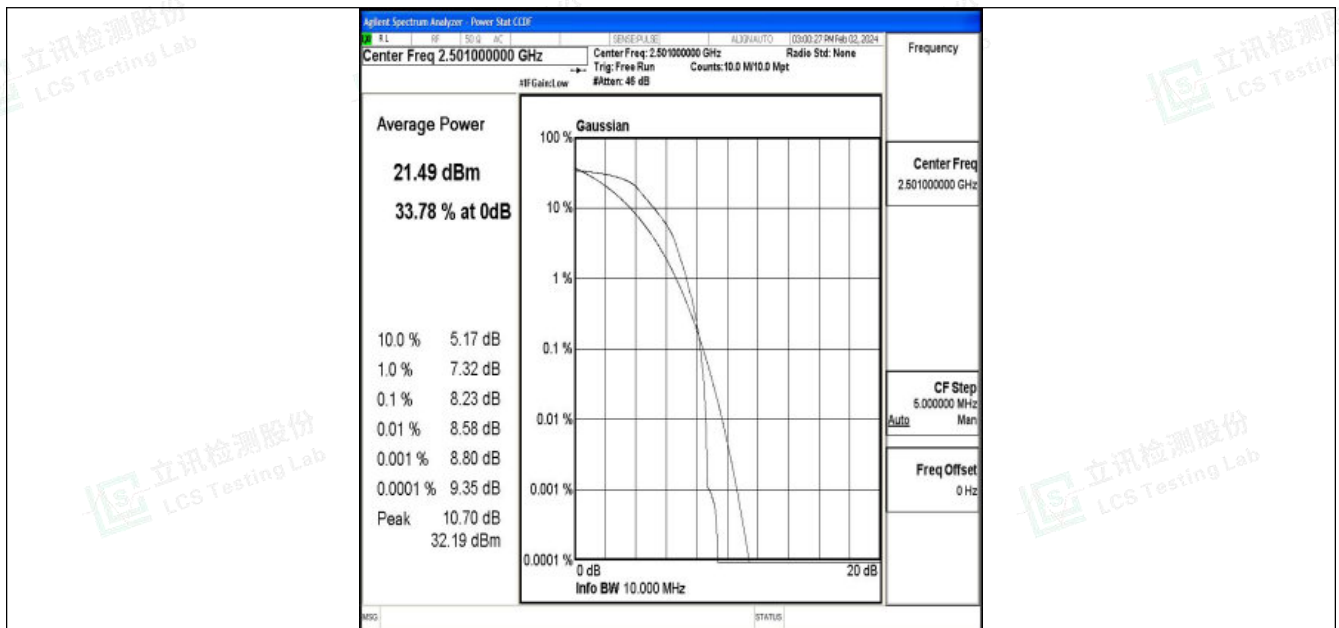


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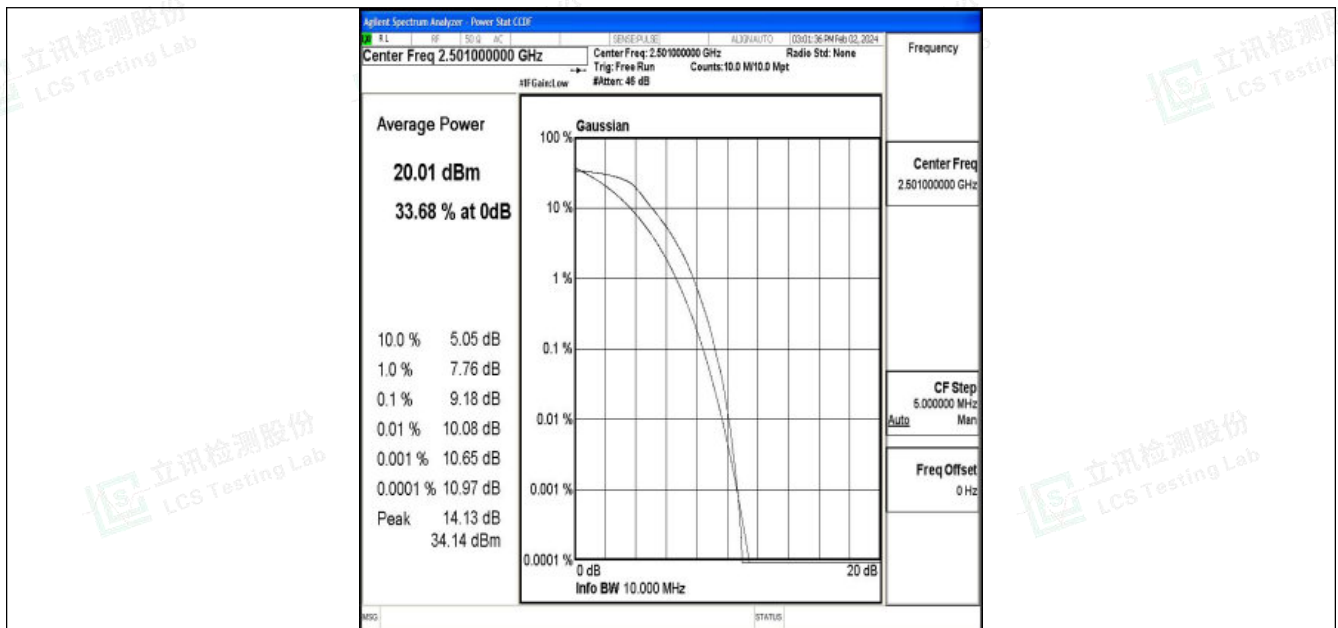


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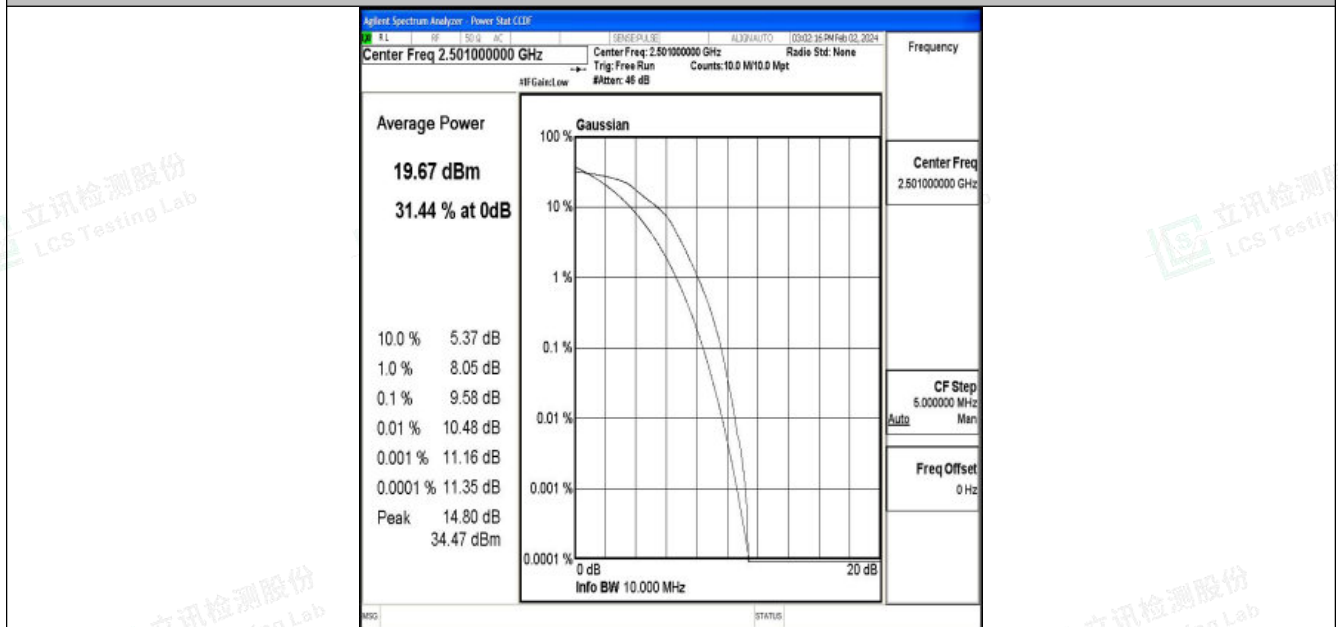
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Band41-10MHz-QPSK-39700-50RB#0-PASS



Band41-10MHz-16QAM-39700-50RB#0-PASS

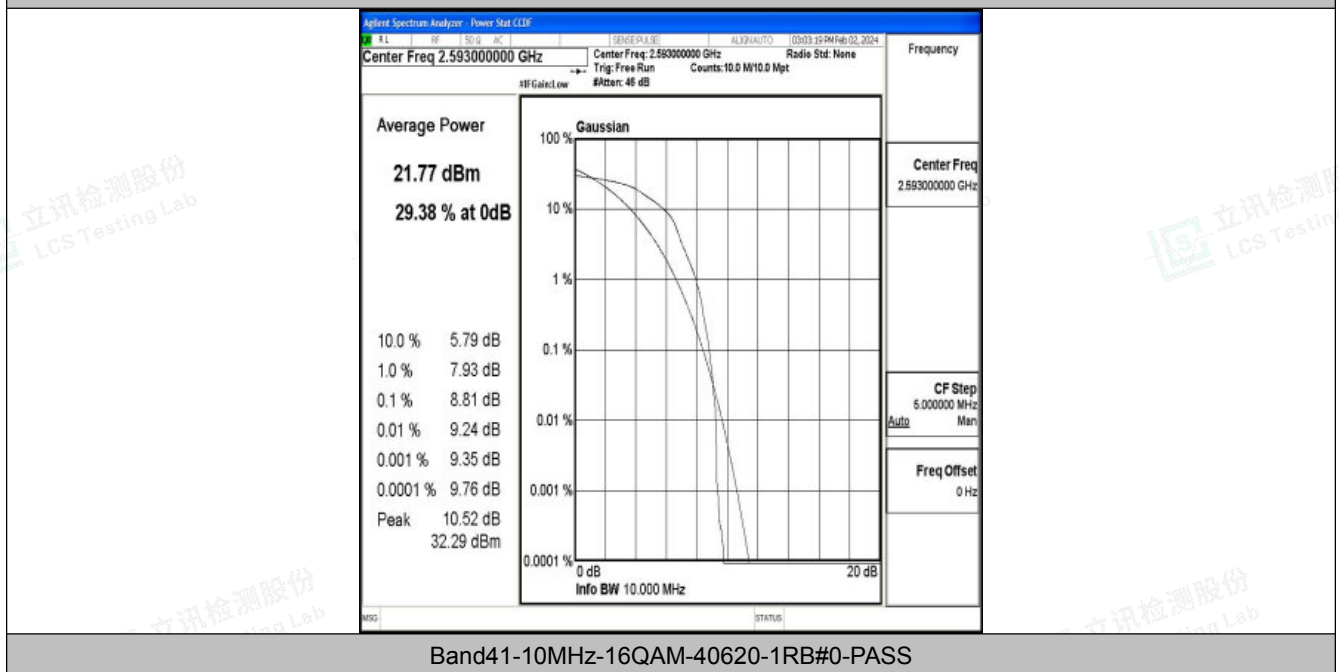
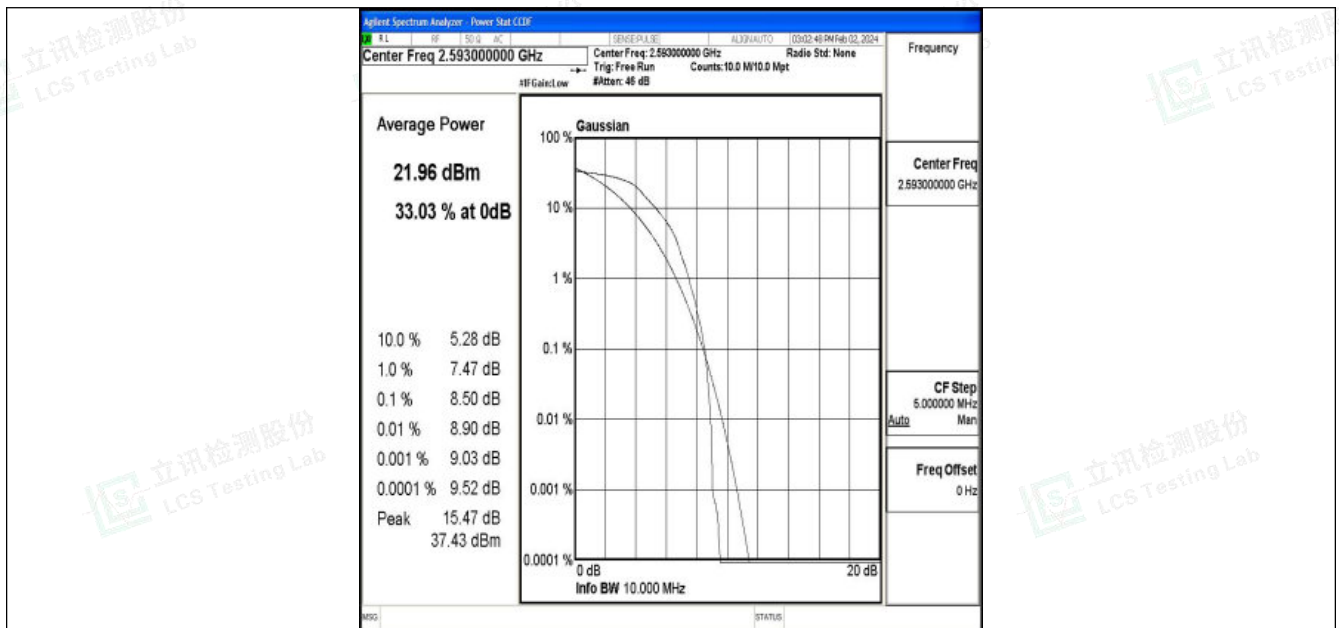


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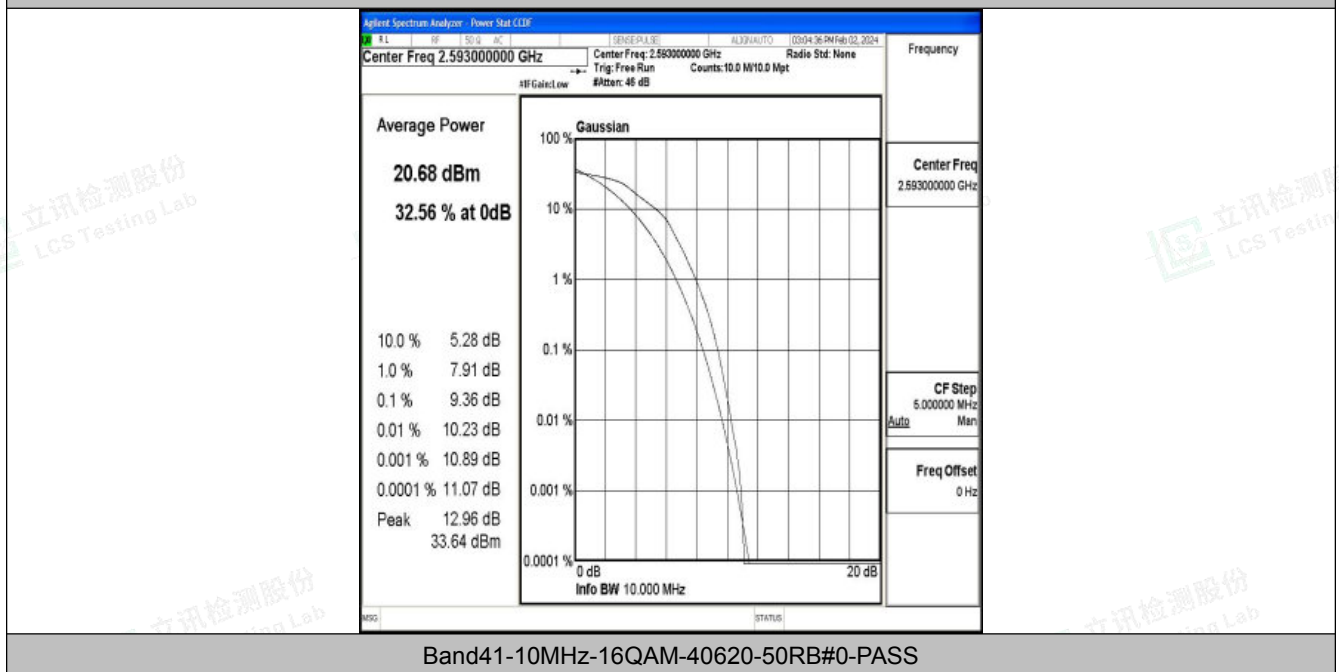
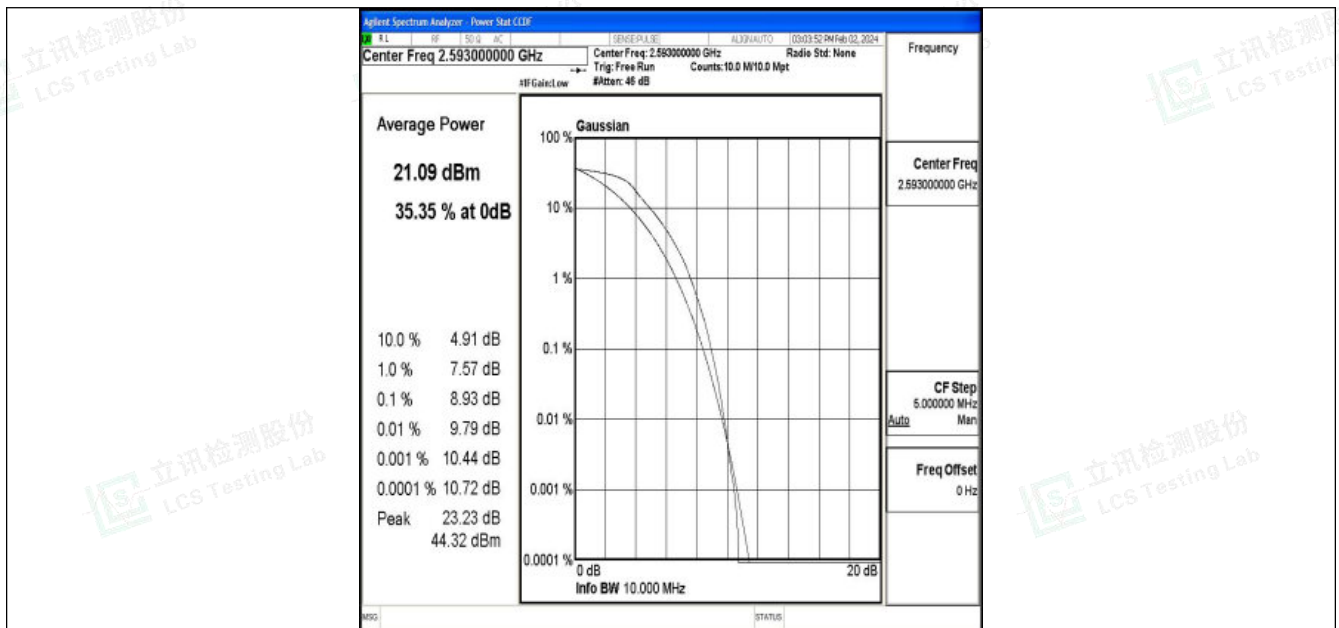


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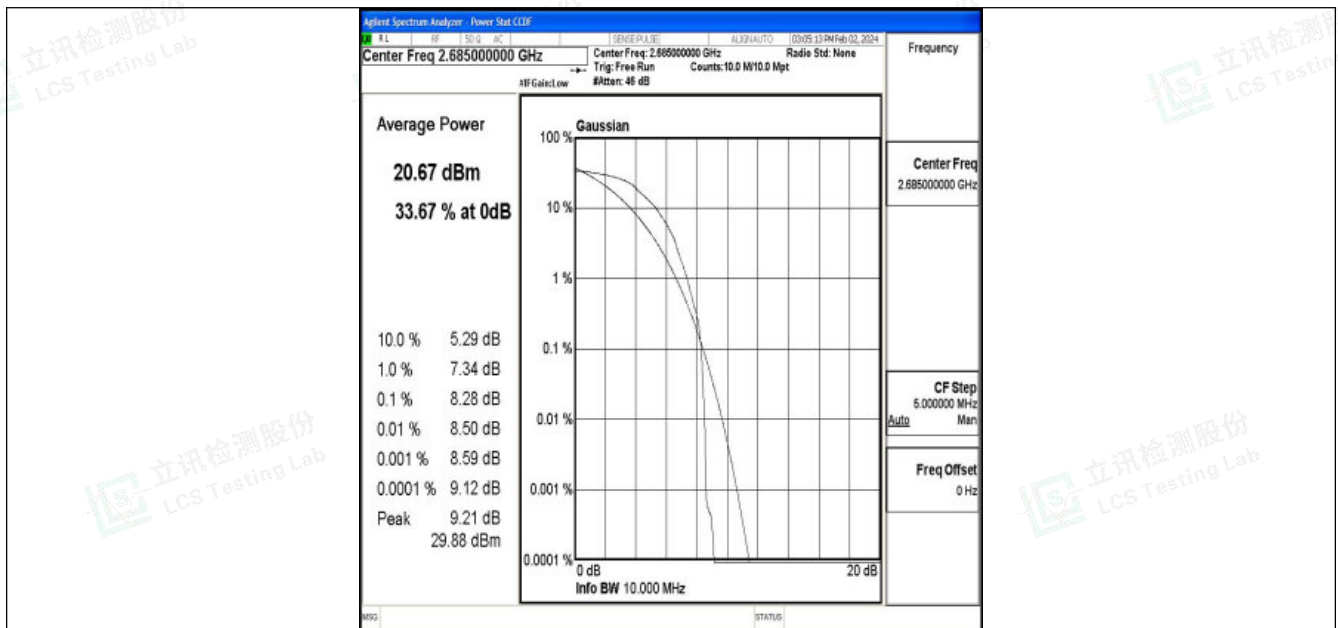


Shenzhen LCS Compliance Testing Laboratory Ltd.

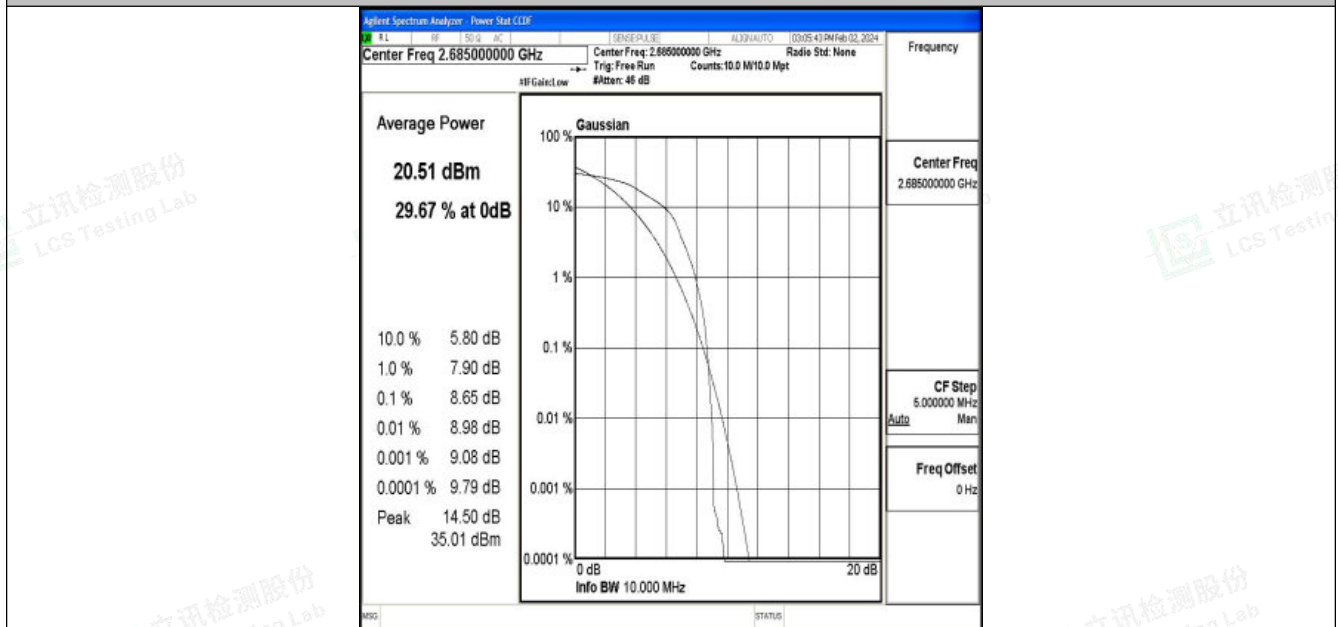
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Band41-10MHz-QPSK-41540-1RB#0-PASS



Band41-10MHz-16QAM-41540-1RB#0-PASS

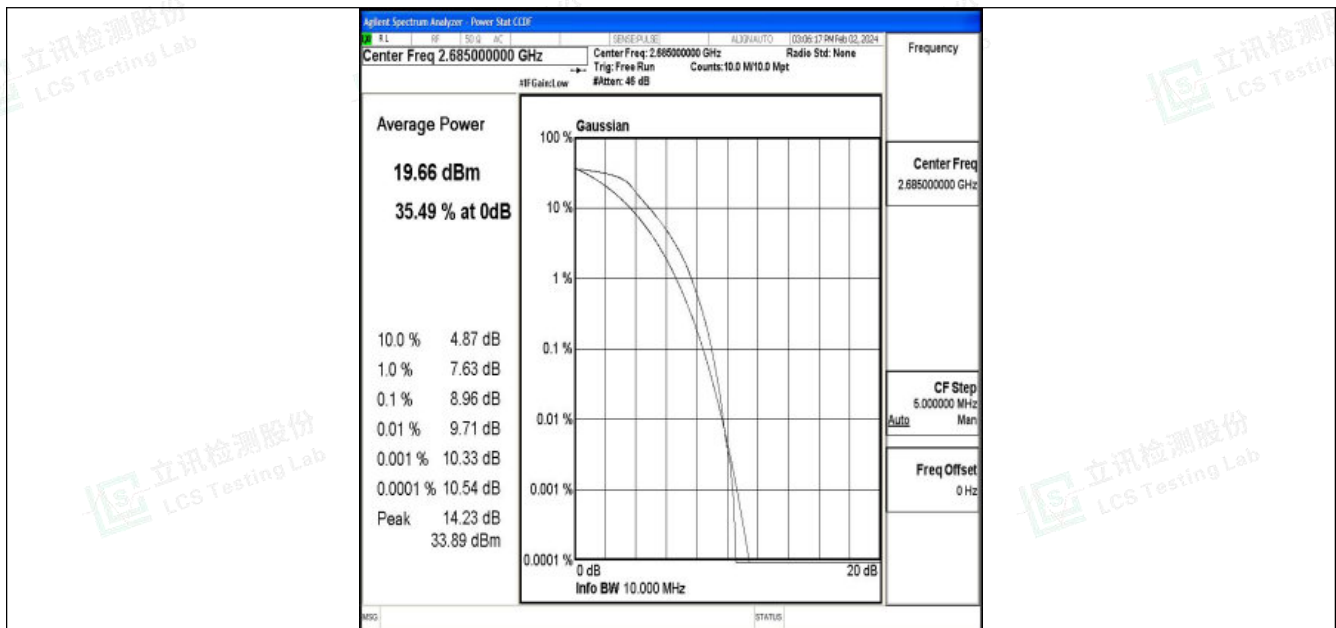


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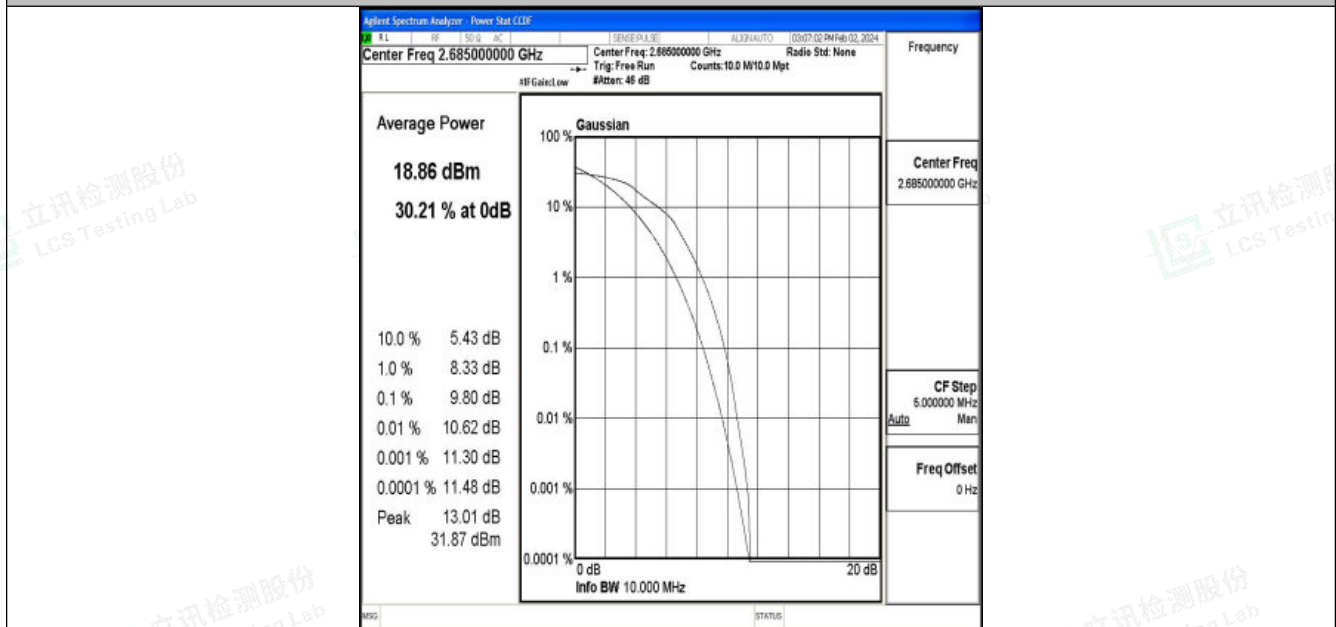
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Band41-10MHz-QPSK-41540-50RB#0-PASS



Band41-10MHz-16QAM-41540-50RB#0-PASS

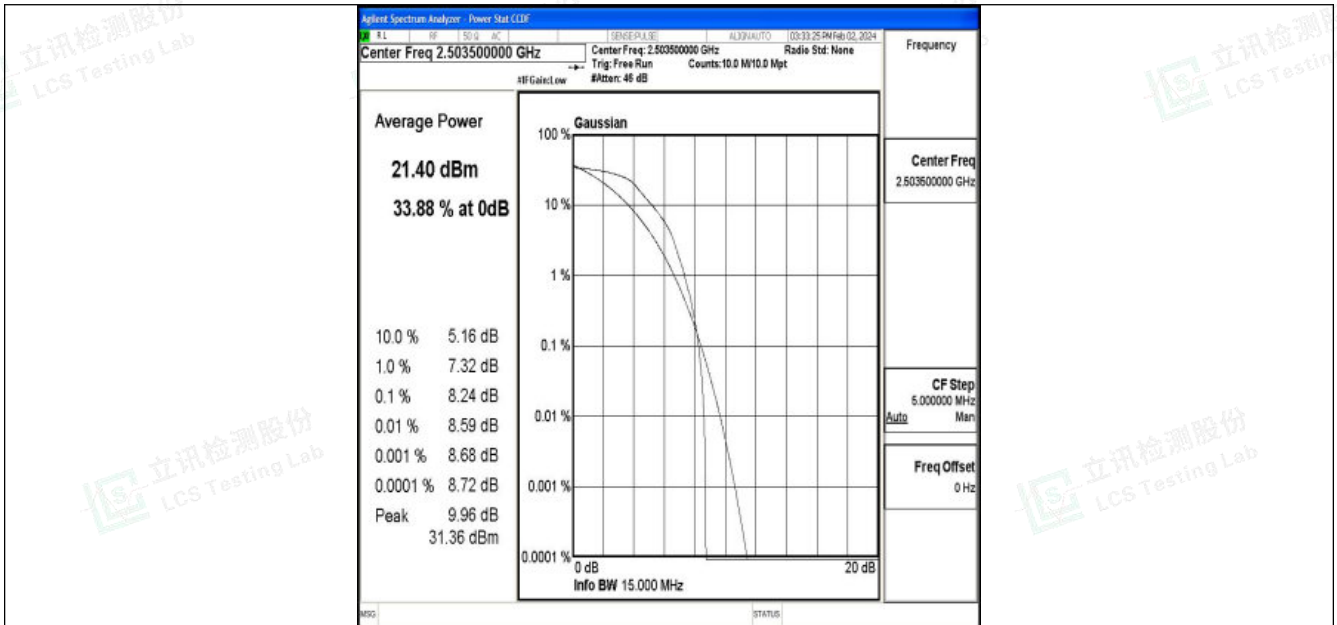


Shenzhen LCS Compliance Testing Laboratory Ltd.

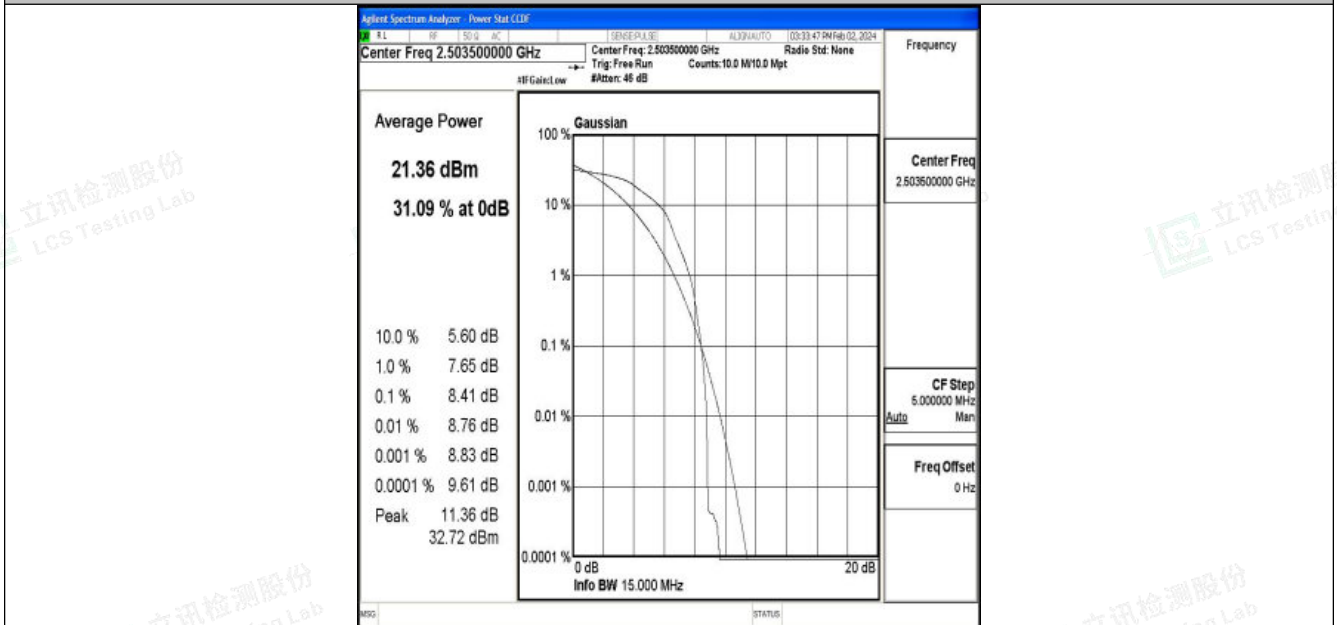
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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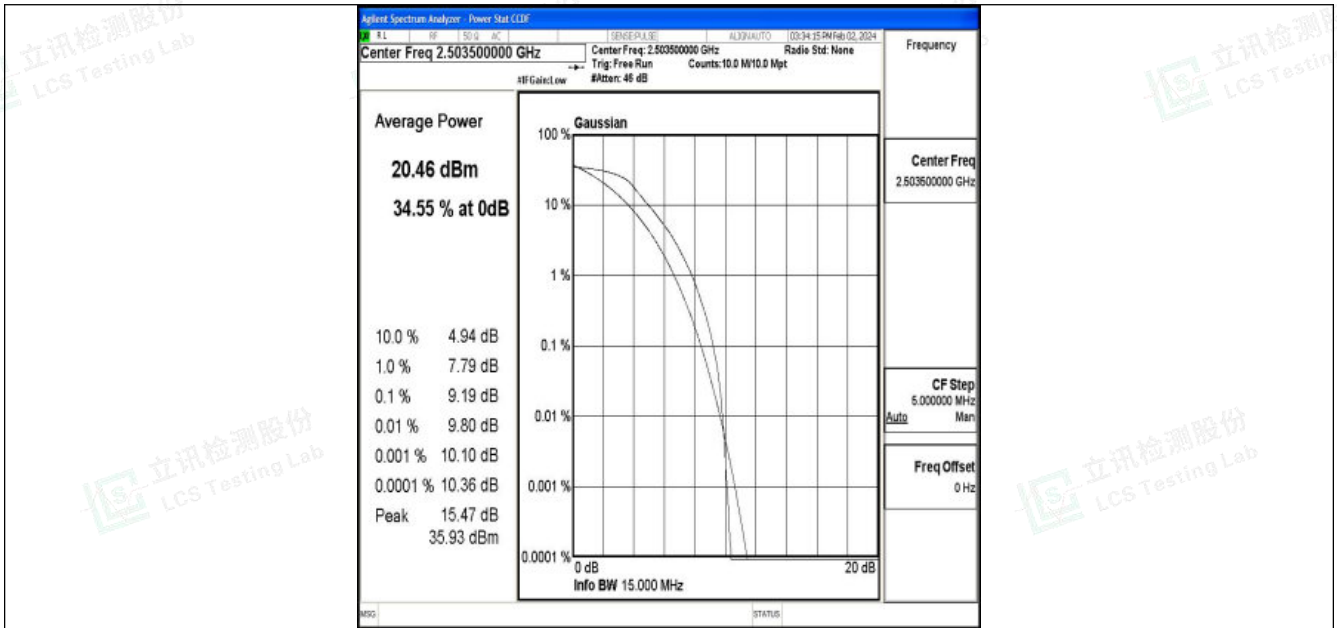


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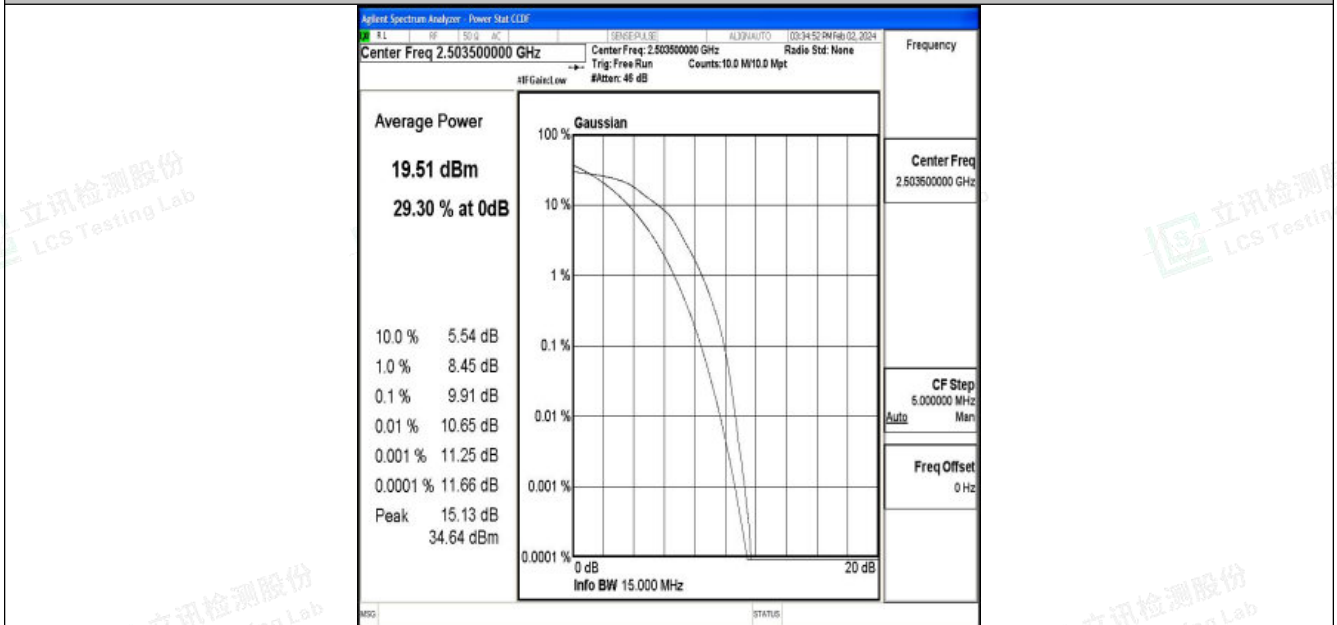


Band41-15MHz-16QAM-39725-1RB#0-PASS





Band41-15MHz-QPSK-39725-75RB#0-PASS



Band41-15MHz-16QAM-39725-75RB#0-PASS

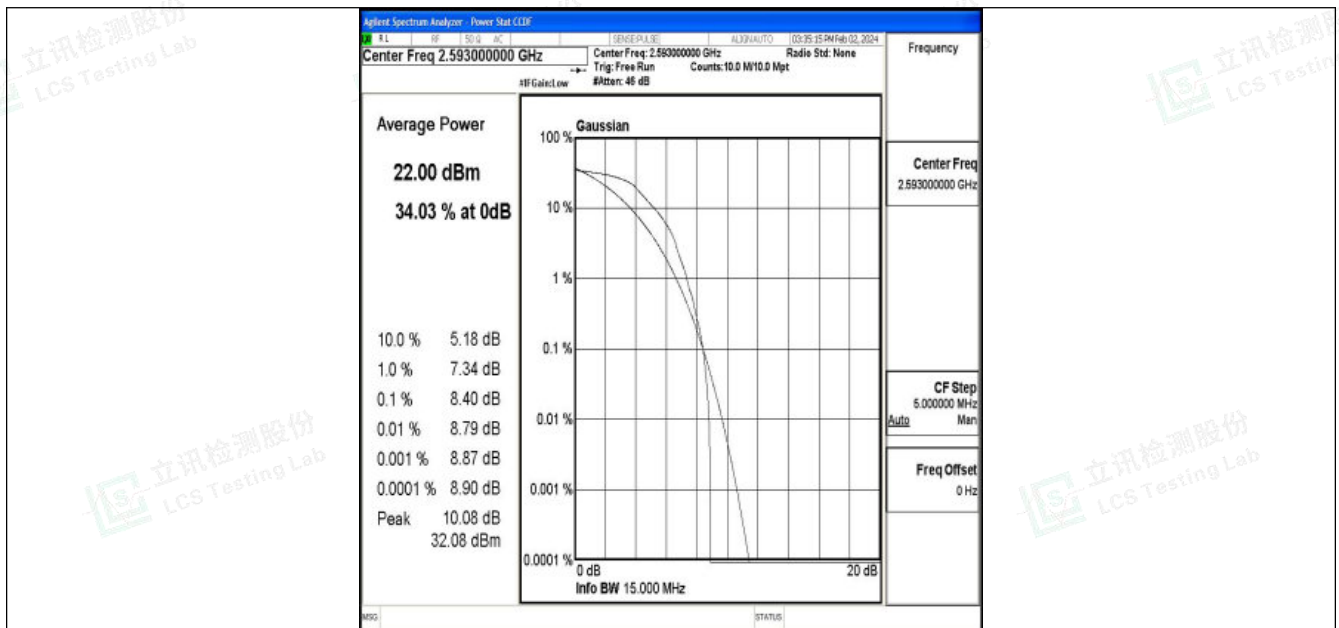


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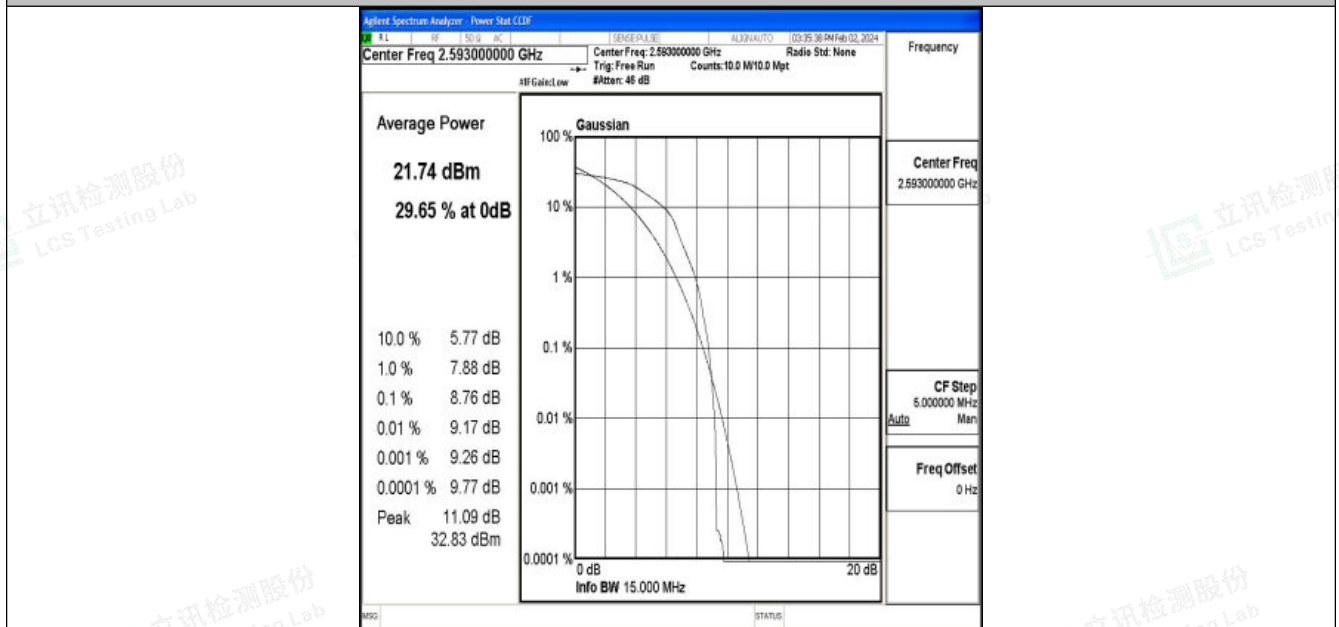
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Scan code to check authenticity



Band41-15MHz-QPSK-40620-1RB#0-PASS



Band41-15MHz-16QAM-40620-1RB#0-PASS

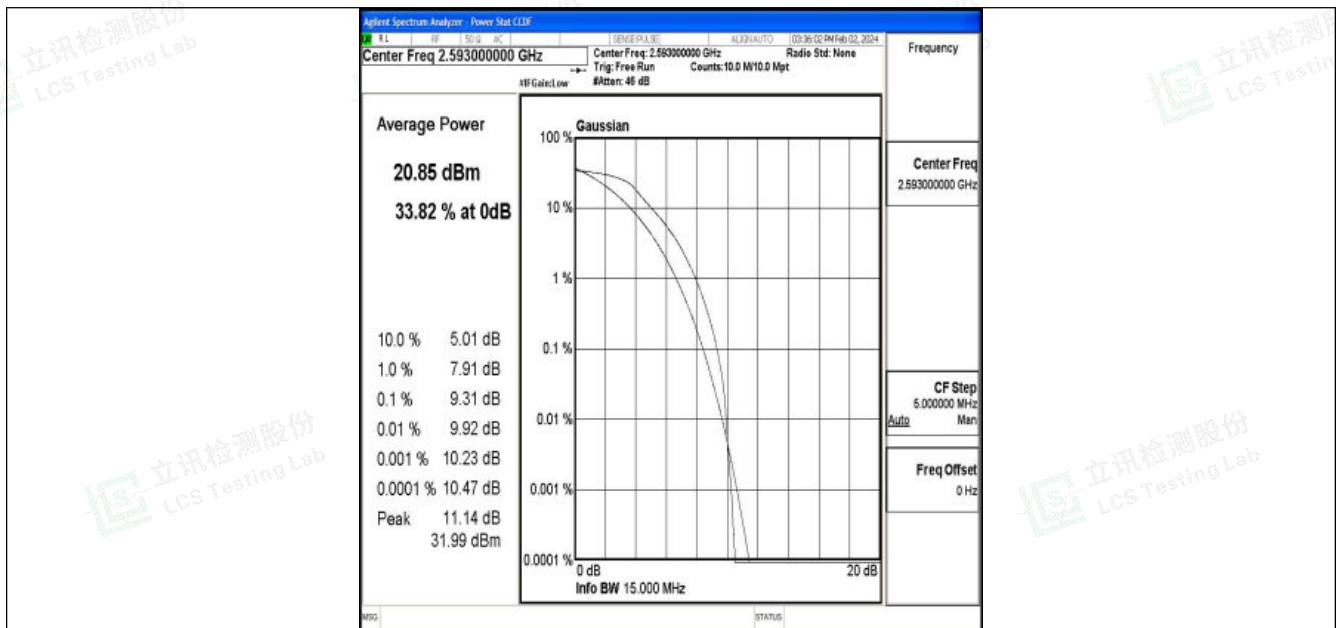


Shenzhen LCS Compliance Testing Laboratory Ltd.

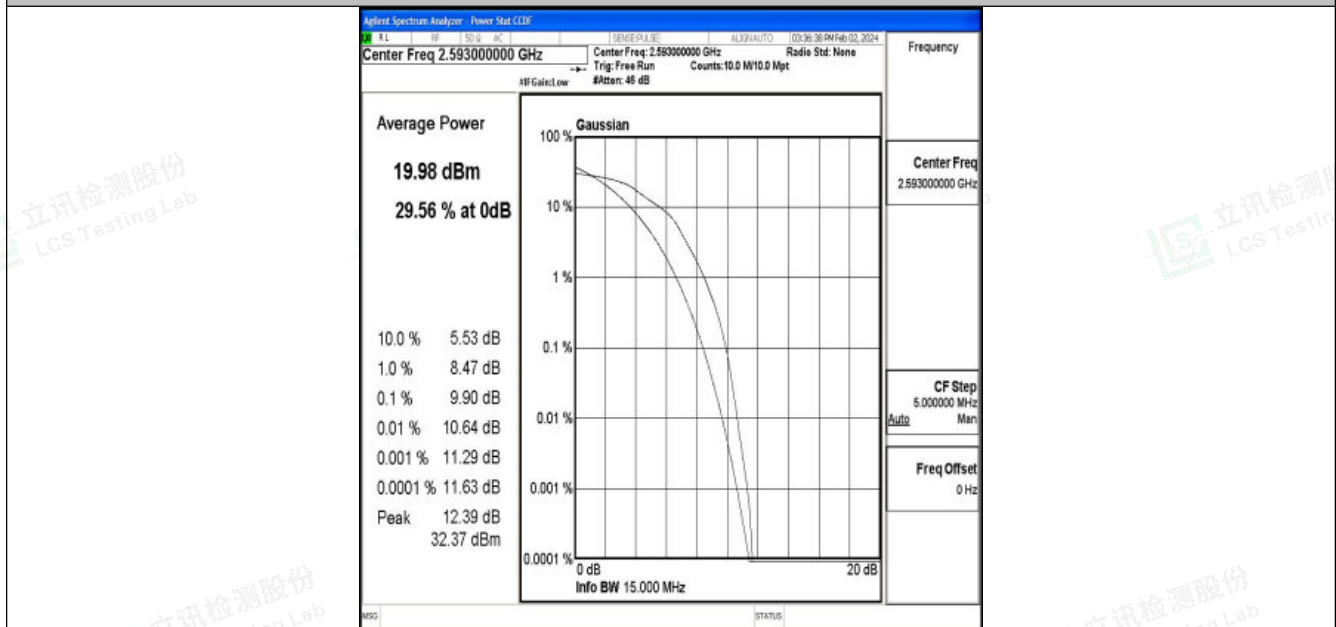
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Band41-15MHz-QPSK-40620-75RB#0-PASS



Band41-15MHz-16QAM-40620-75RB#0-PASS

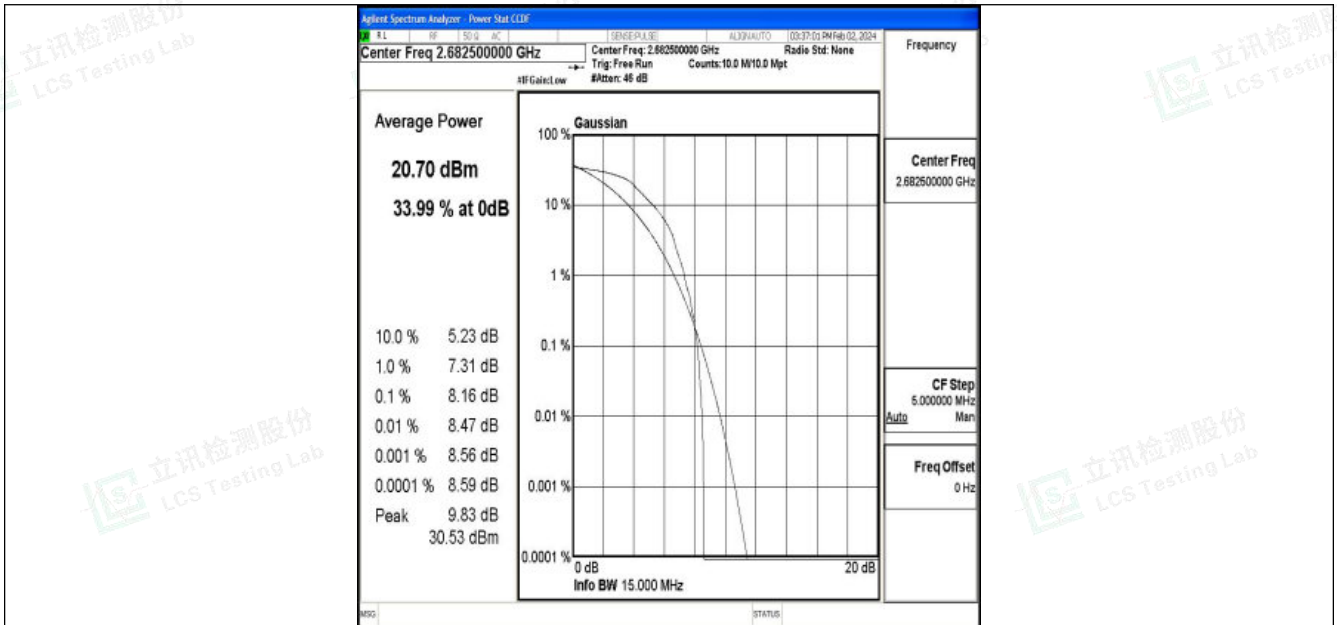


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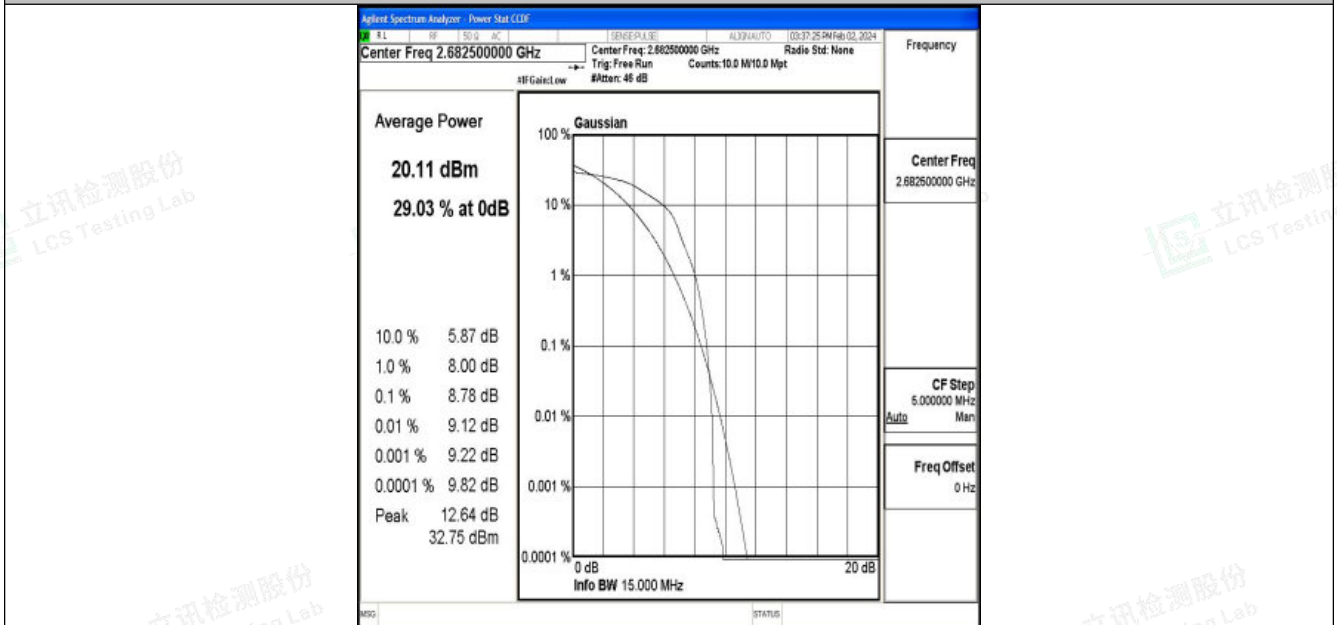
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Band41-15MHz-QPSK-41515-1RB#0-PASS



Band41-15MHz-16QAM-41515-1RB#0-PASS

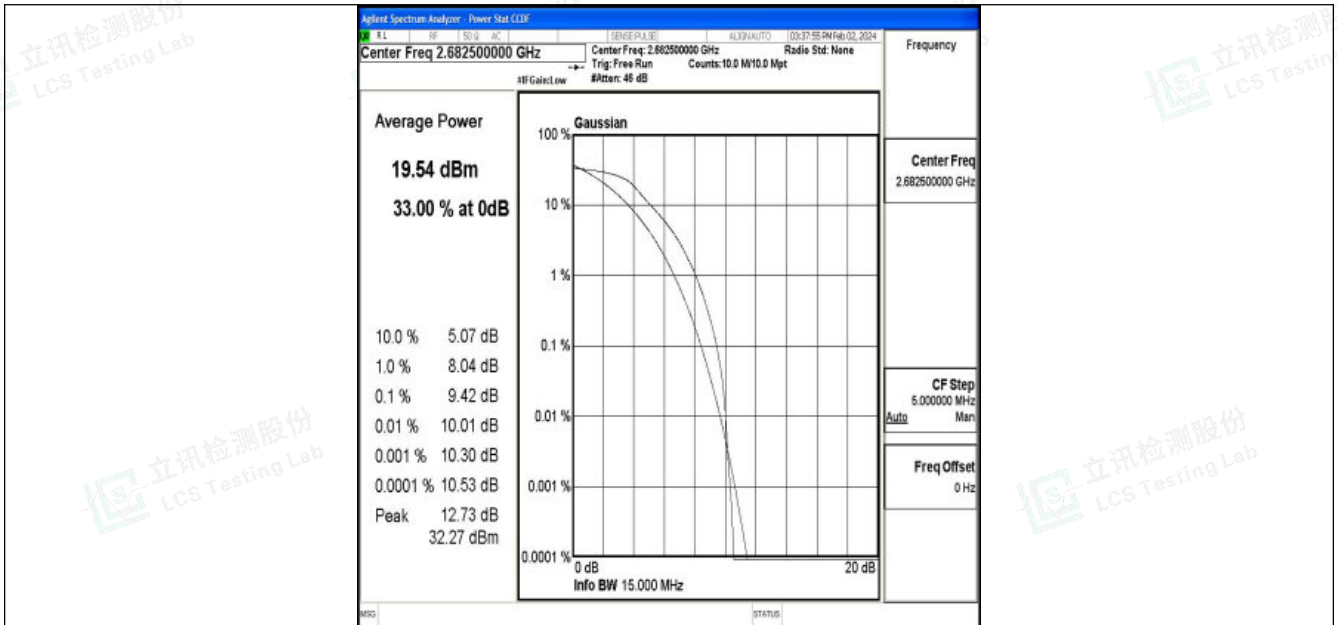


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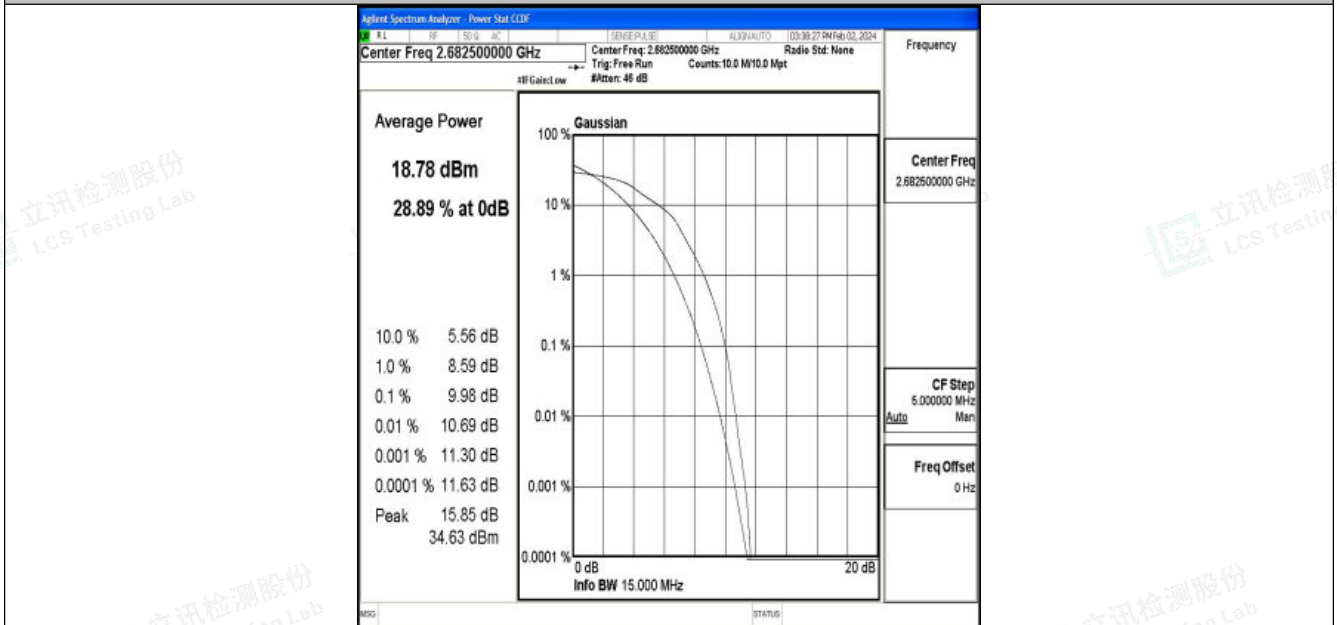
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Band41-15MHz-QPSK-41515-75RB#0-PASS



Band41-15MHz-16QAM-41515-75RB#0-PASS

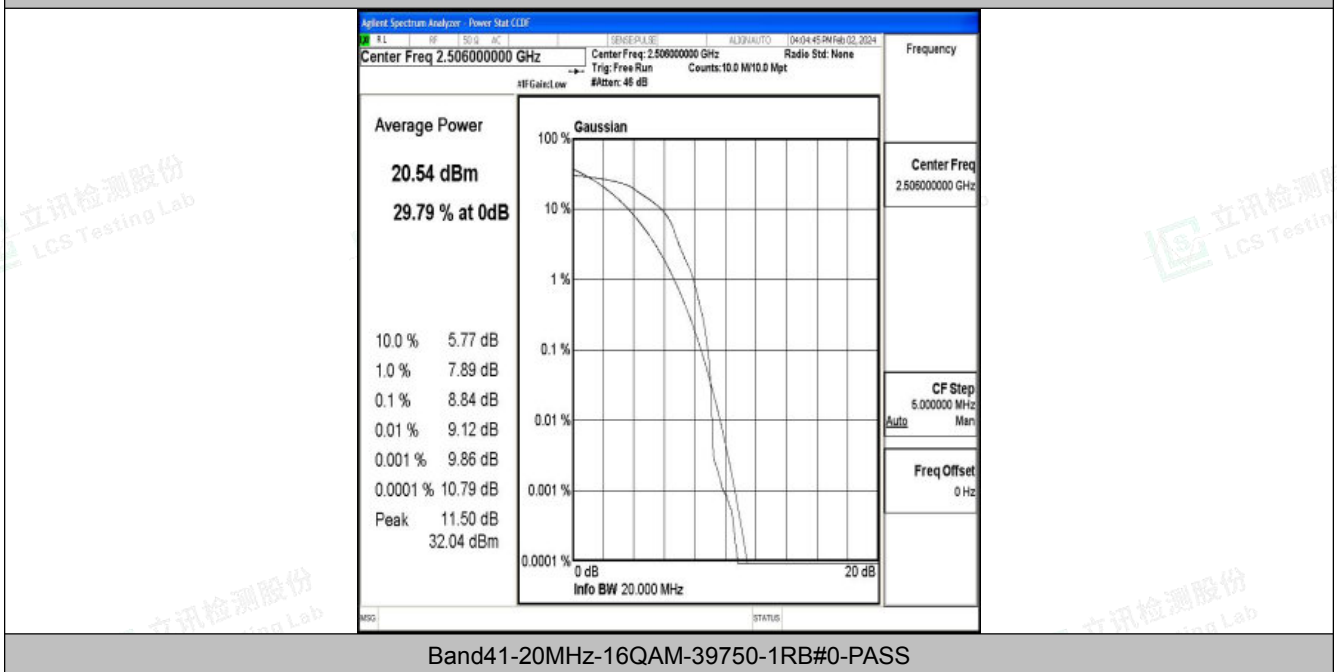
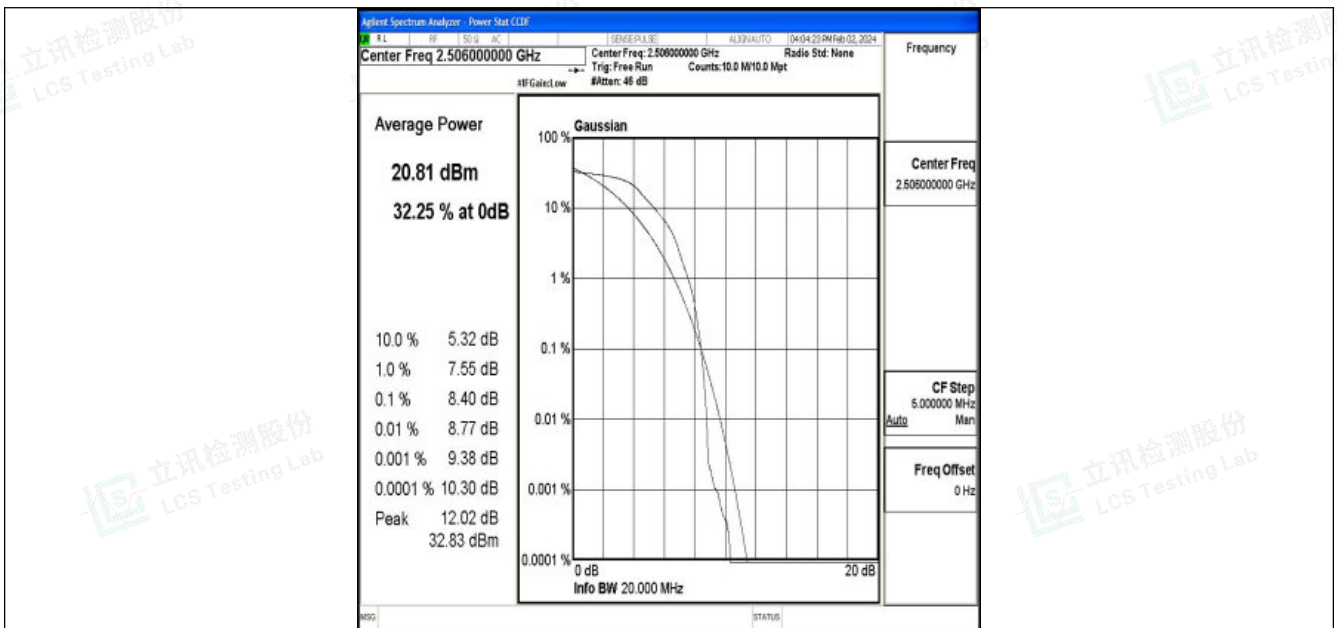


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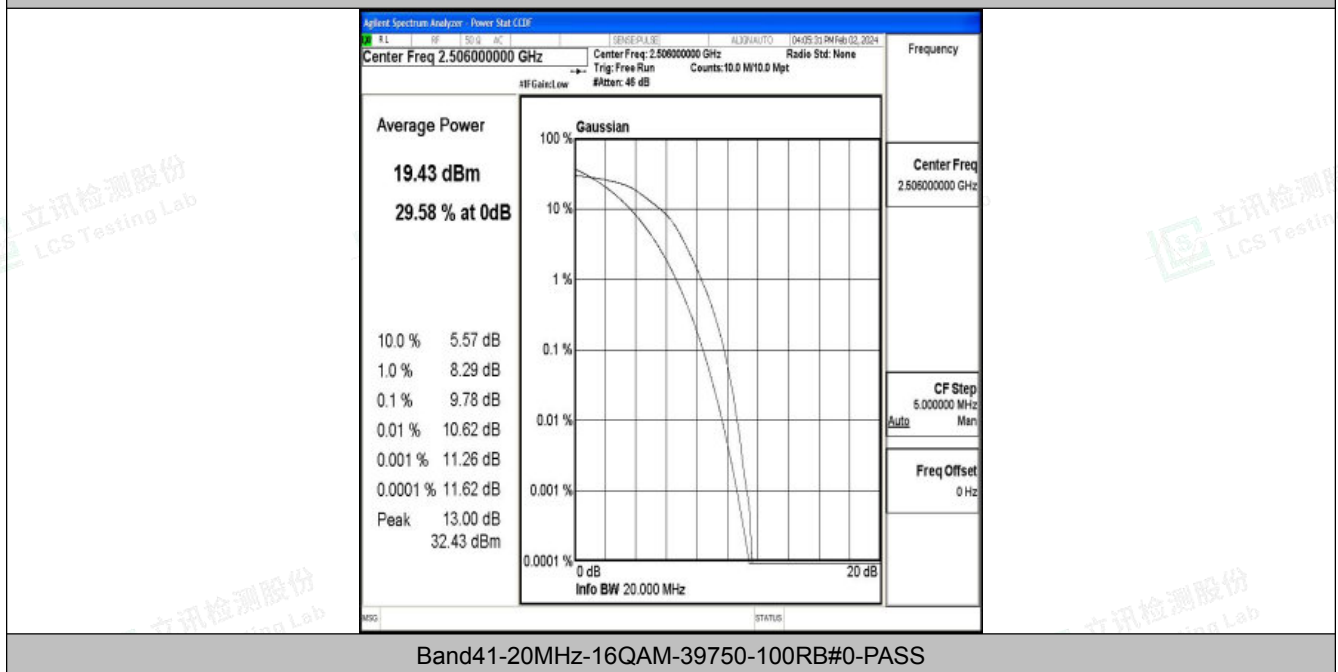
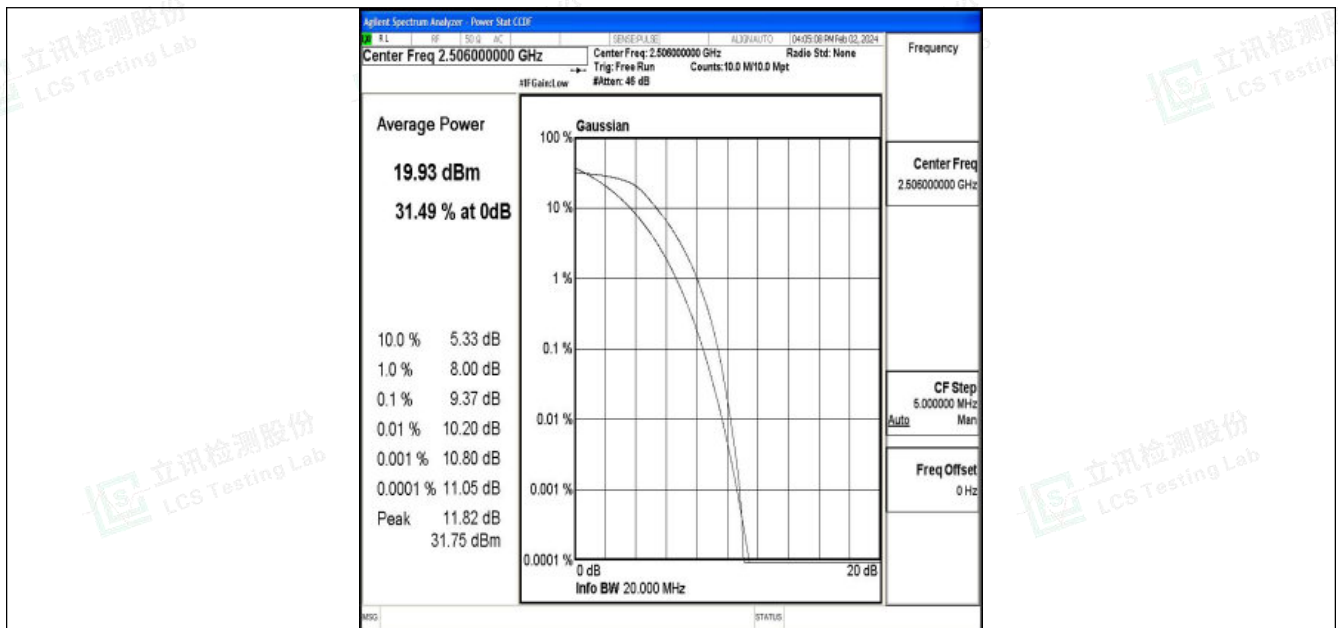


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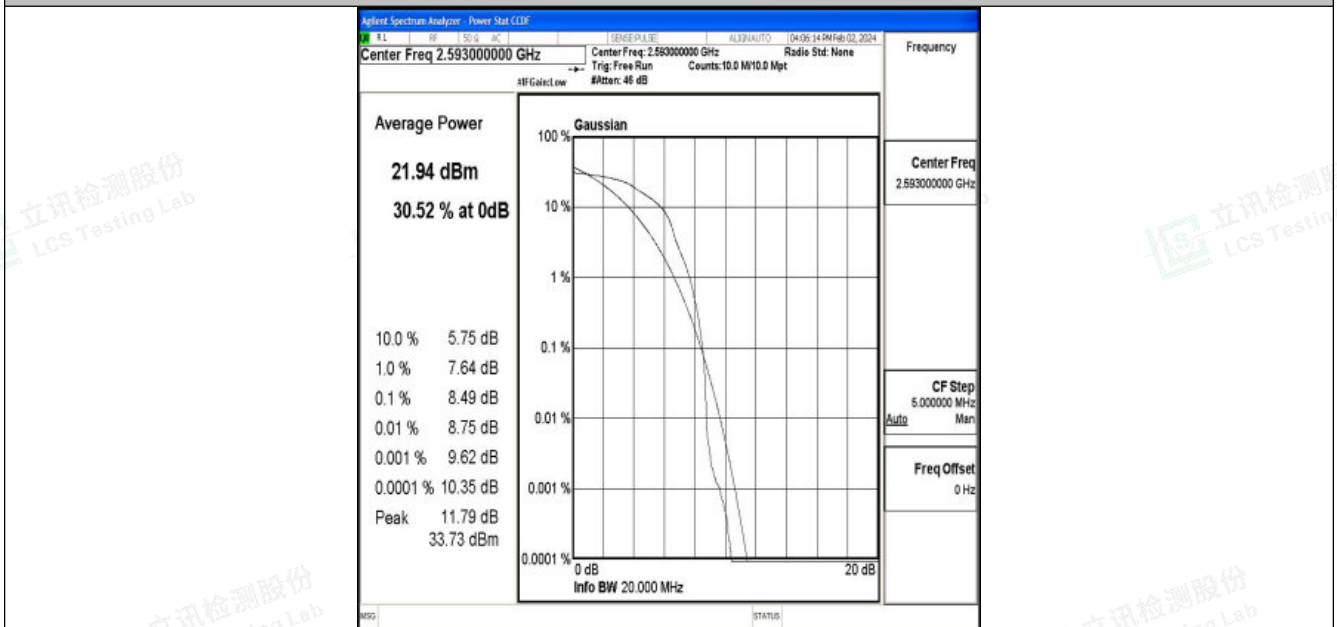
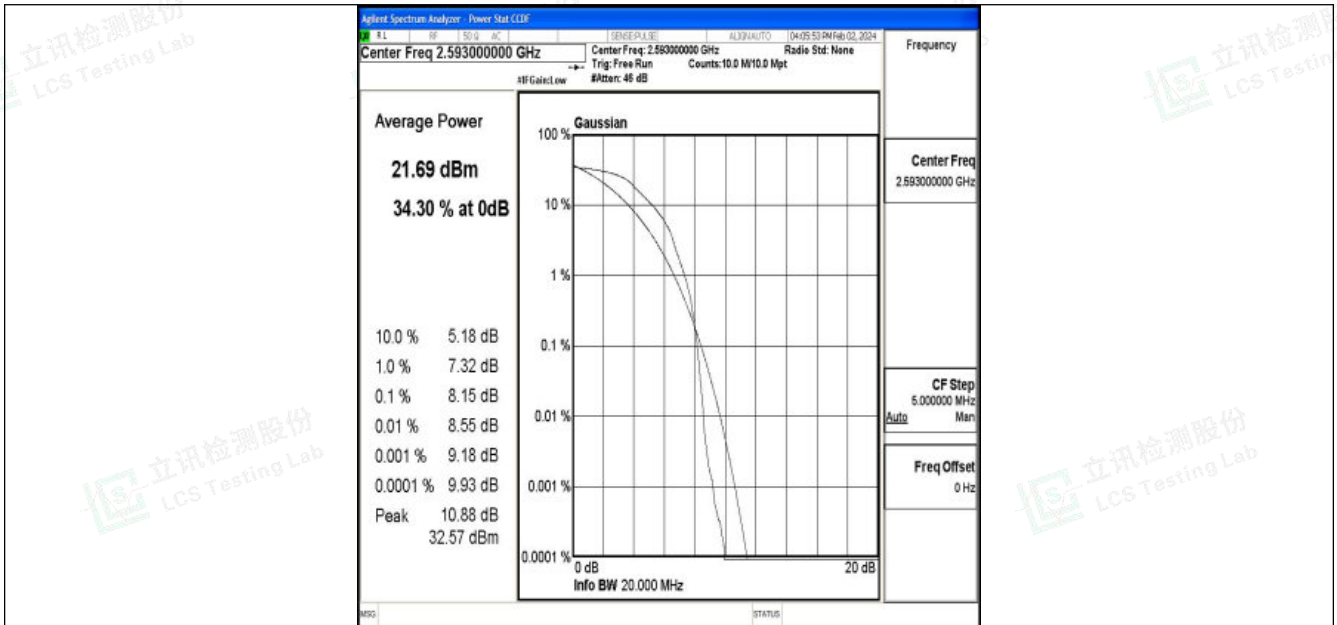


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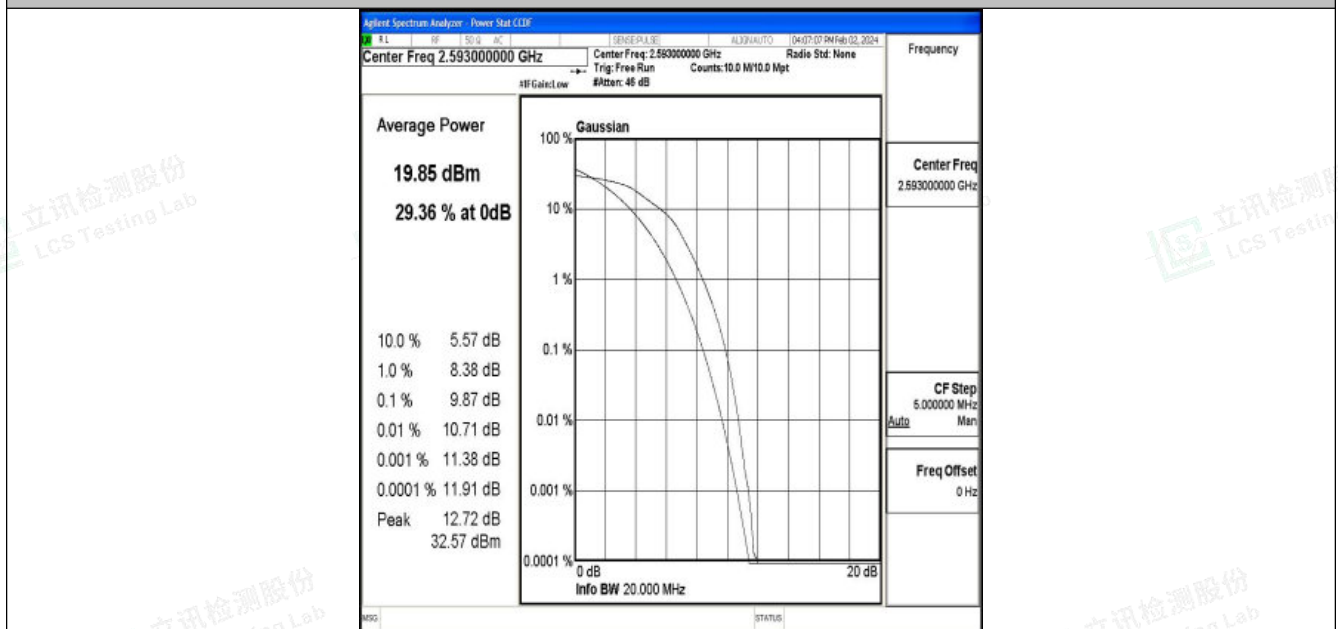
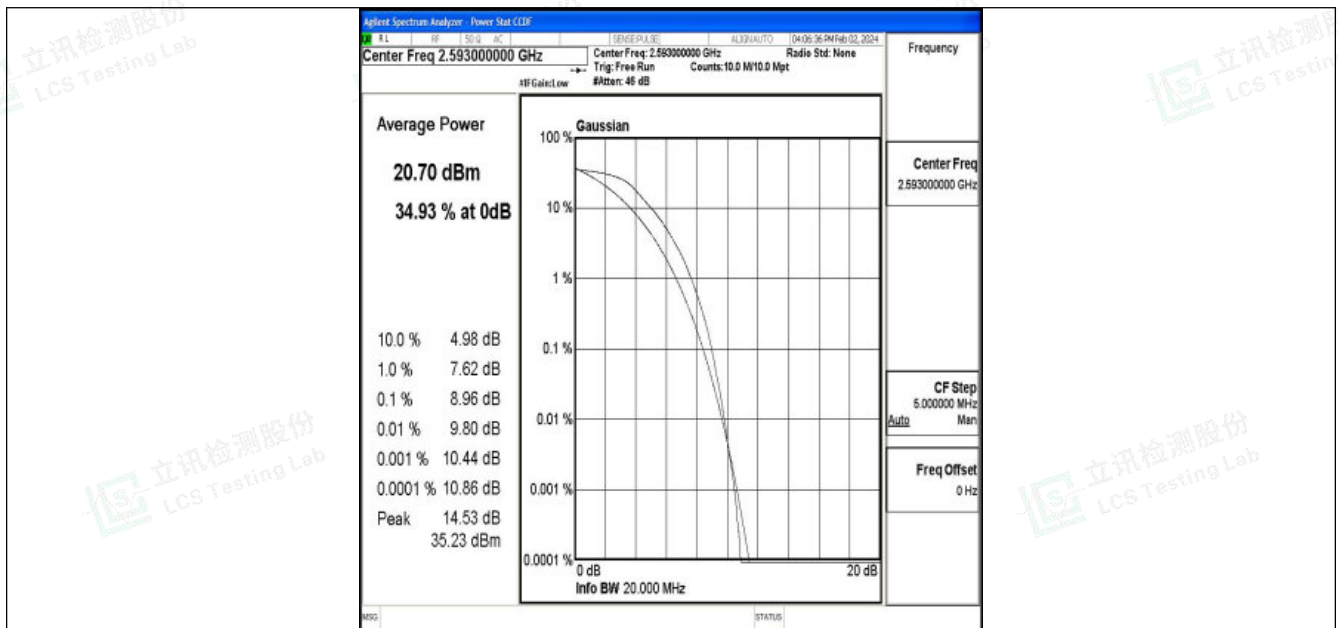


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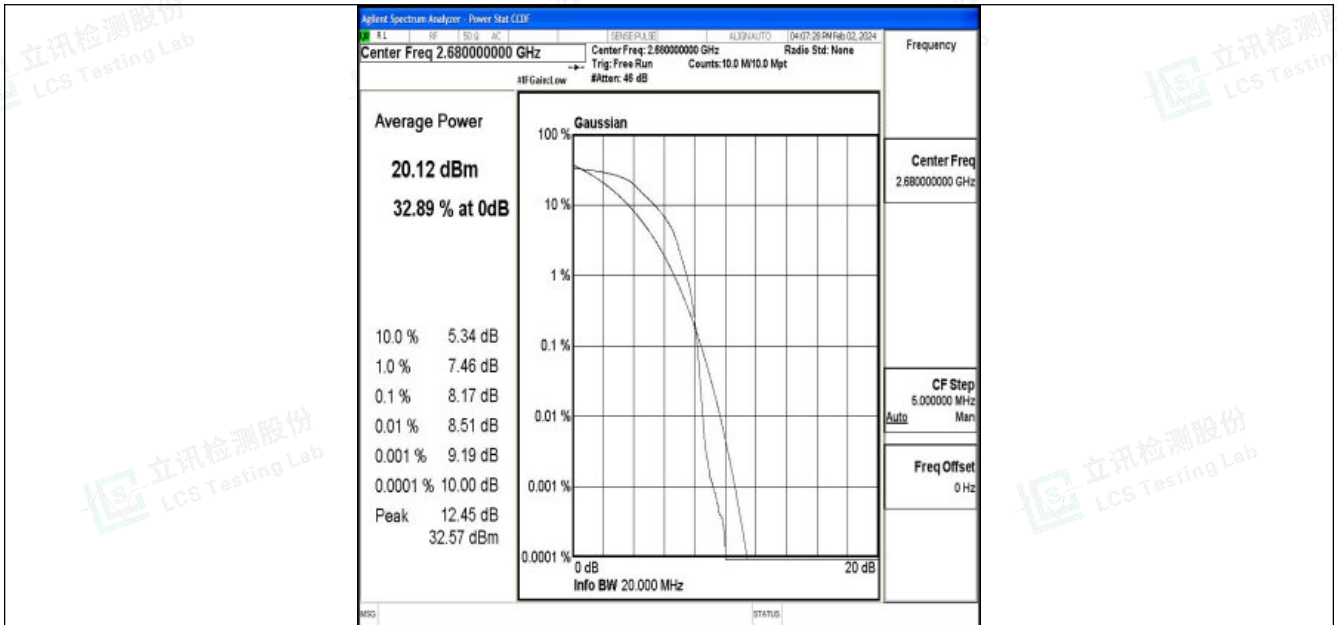


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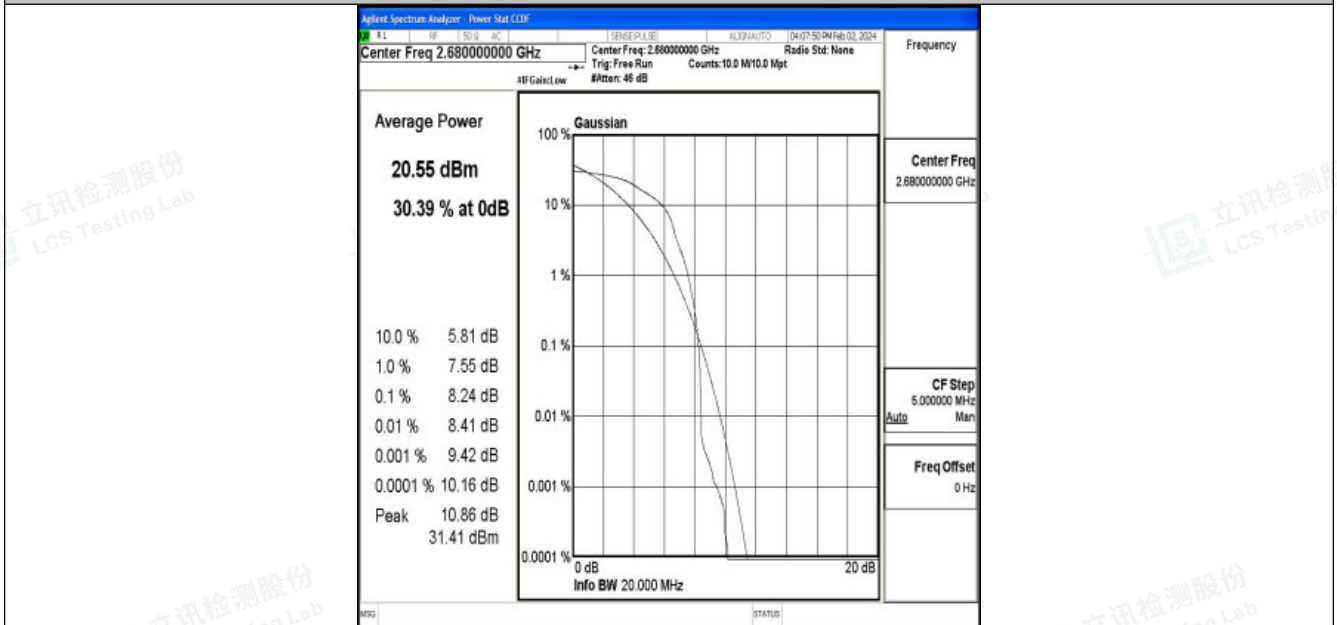
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Band41-20MHz-QPSK-41490-1RB#0-PASS



Band41-20MHz-16QAM-41490-1RB#0-PASS

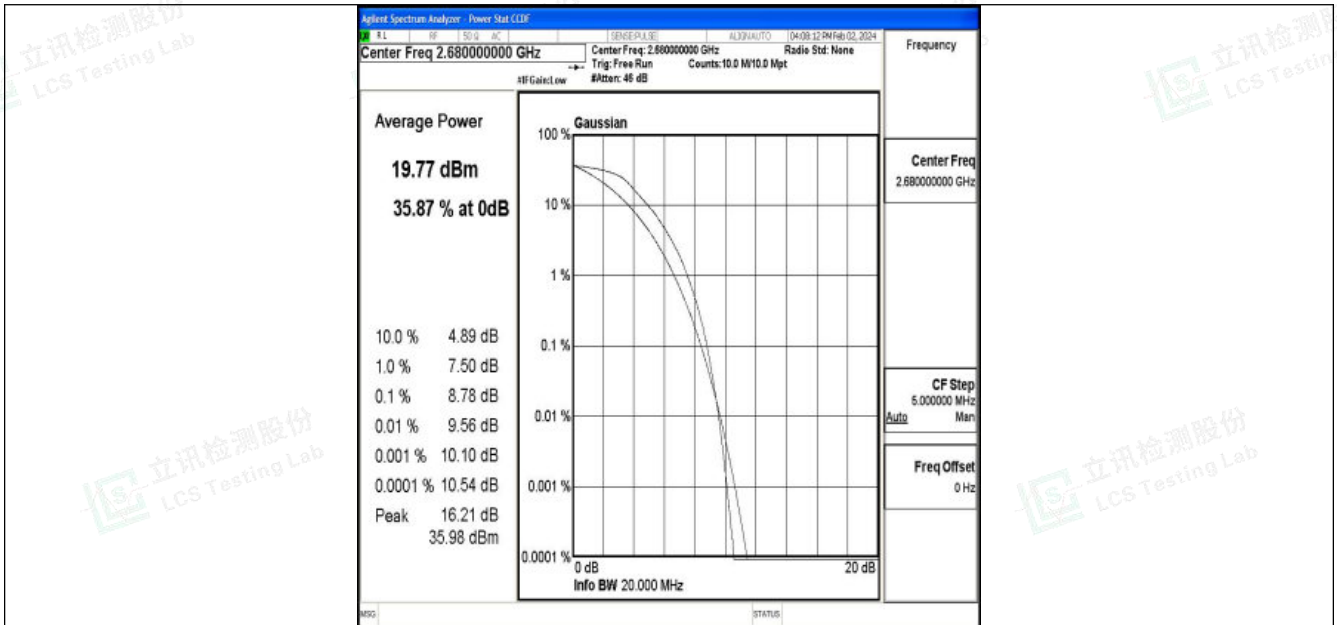


Shenzhen LCS Compliance Testing Laboratory Ltd.

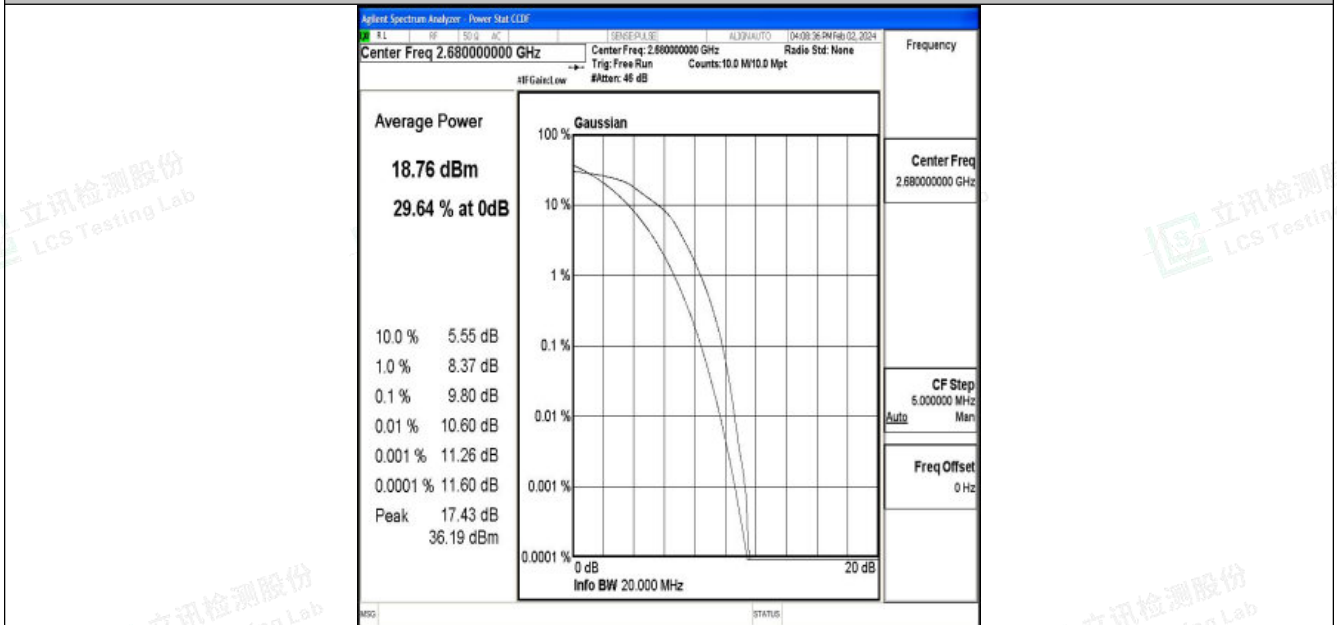
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Band41-20MHz-QPSK-41490-100RB#0-PASS



Band41-20MHz-16QAM-41490-100RB#0-PASS



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L.3 26dB Bandwidth and Occupied Bandwidth

Test Result

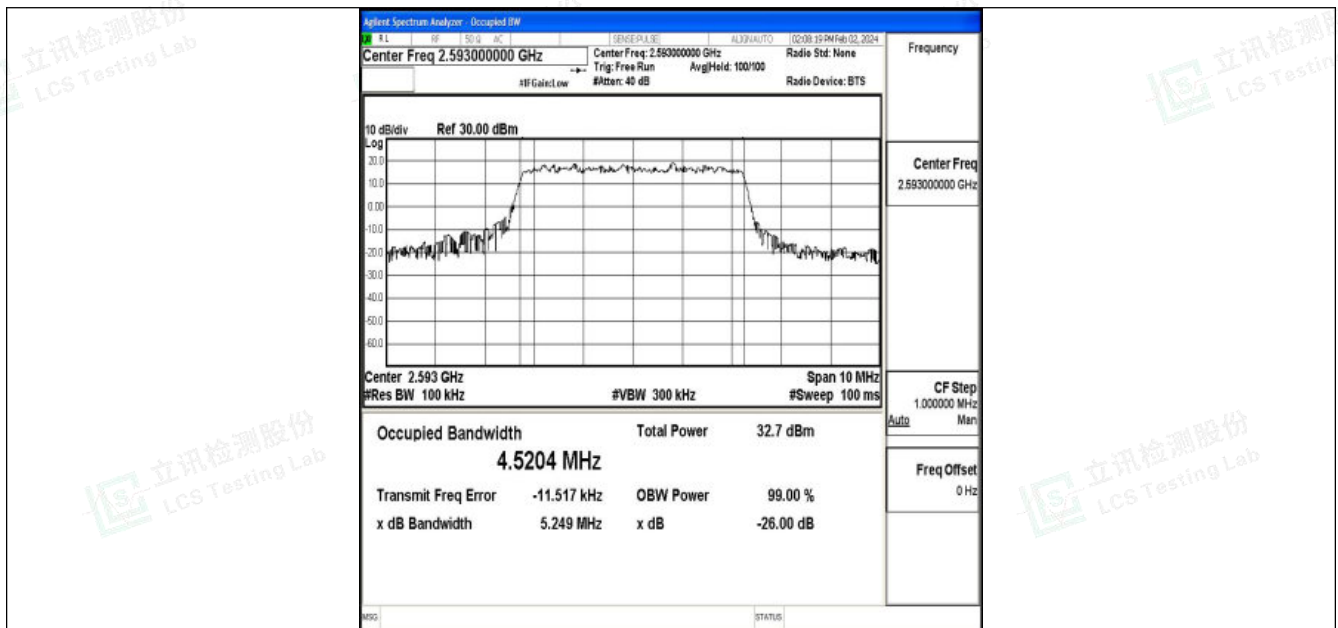
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5249	5.233	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.5119	5.386	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5204	5.249	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.5163	5.403	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4979	5.125	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.5036	5.281	PASS
Band41	10MHz	QPSK	39700	50RB#0	9.0068	10.14	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9740	10.04	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9919	10.16	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.0004	9.849	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.0269	10.15	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9989	11.14	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.541	16.32	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.494	15.01	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.536	16.56	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.517	15.34	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.543	16.17	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.506	15.34	PASS
Band41	20MHz	QPSK	39750	100RB#0	18.033	20.67	PASS
Band41	20MHz	16QAM	39750	100RB#0	18.024	20.16	PASS
Band41	20MHz	QPSK	40620	100RB#0	18.035	20.60	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.963	20.53	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.959	19.69	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.946	20.19	PASS



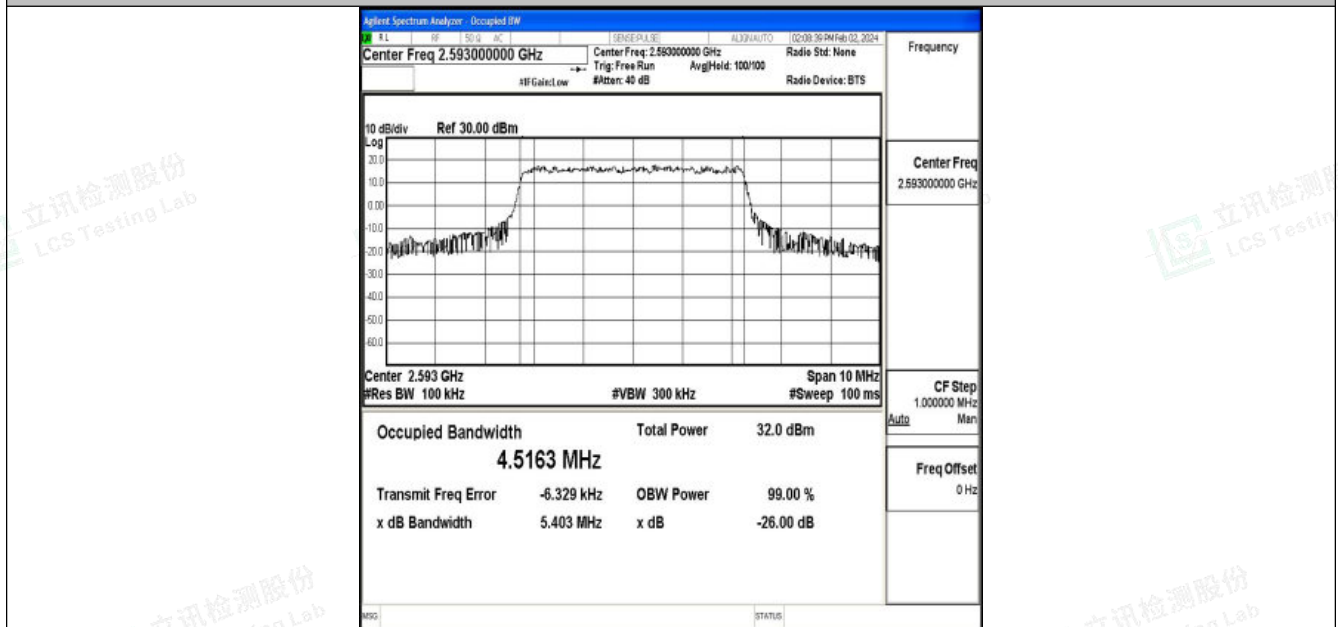


Test Graphs



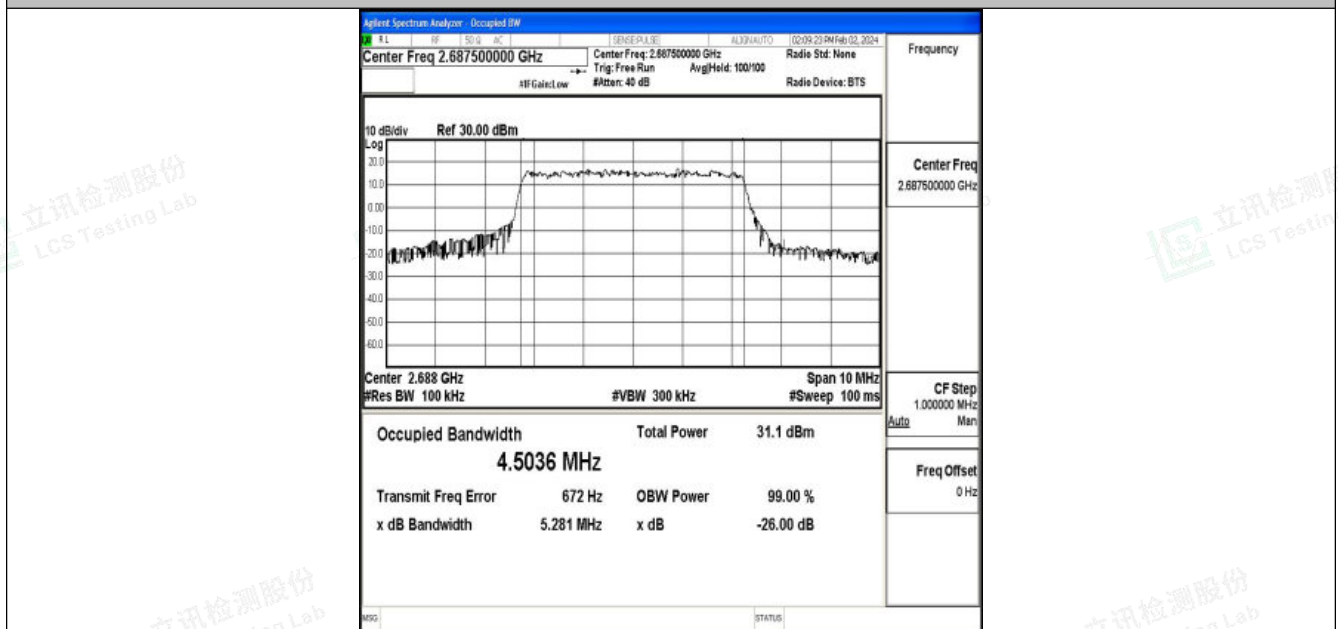
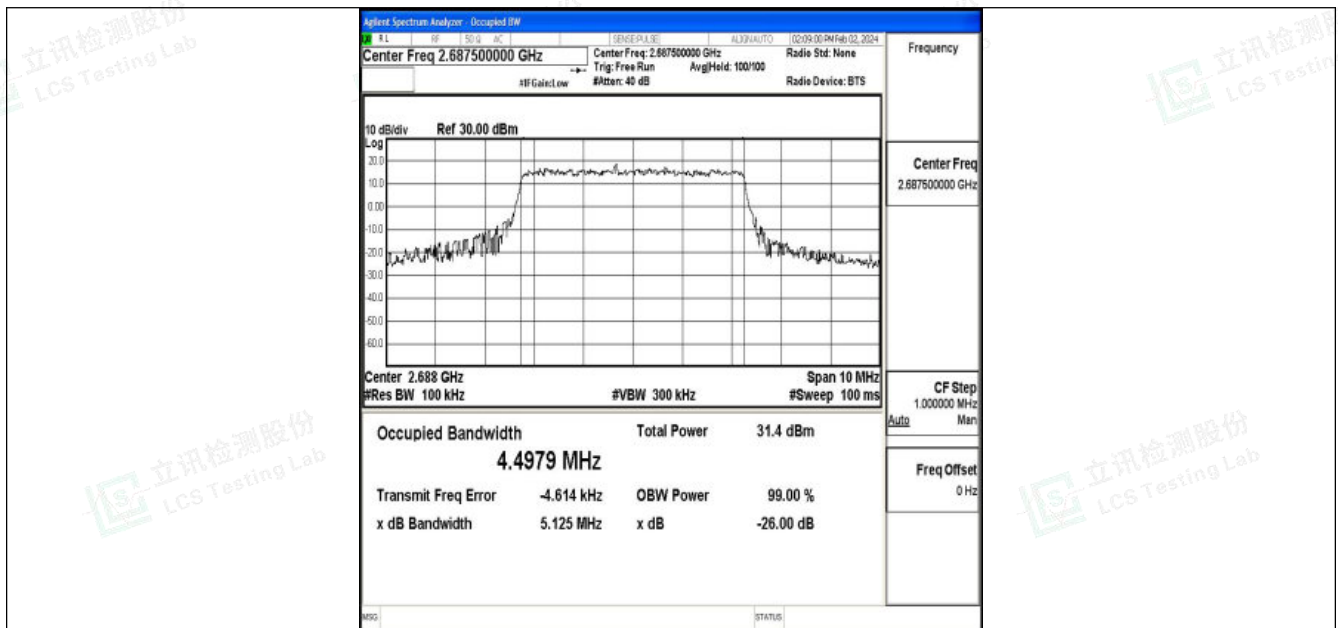


Band41-5MHz-QPSK-40620-25RB#0-PASS



Band41-5MHz-16QAM-40620-25RB#0-PASS



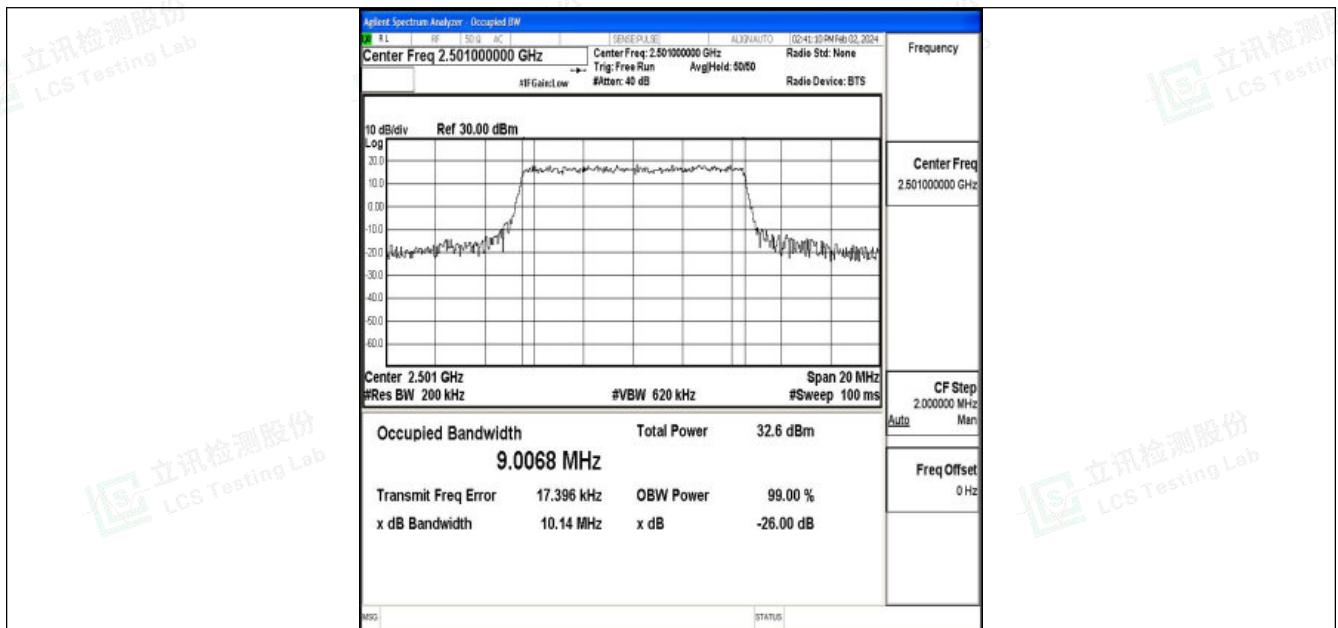


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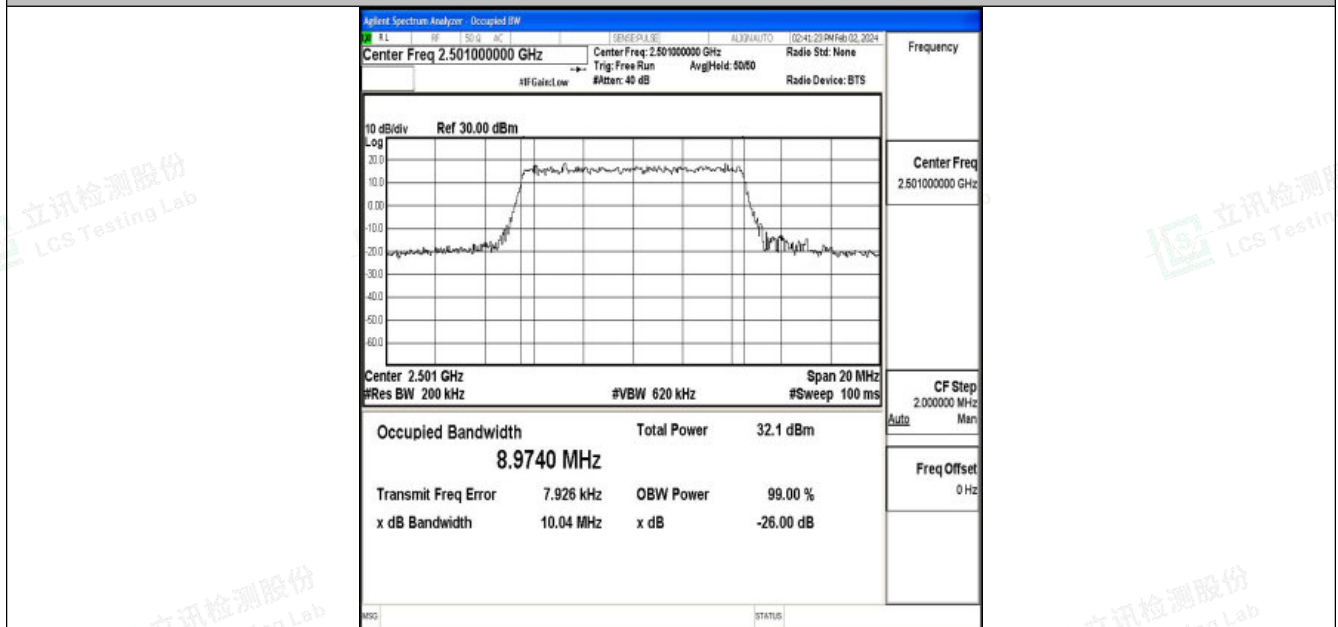
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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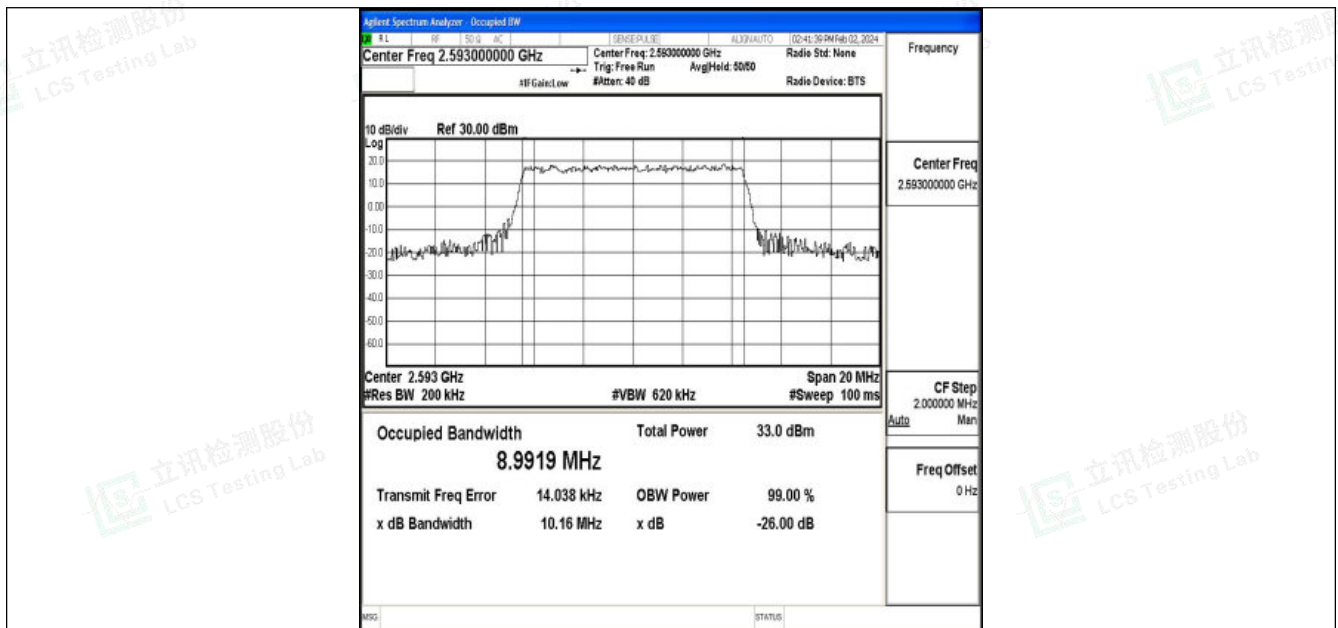


Band41-10MHz-QPSK-39700-50RB#0-PASS

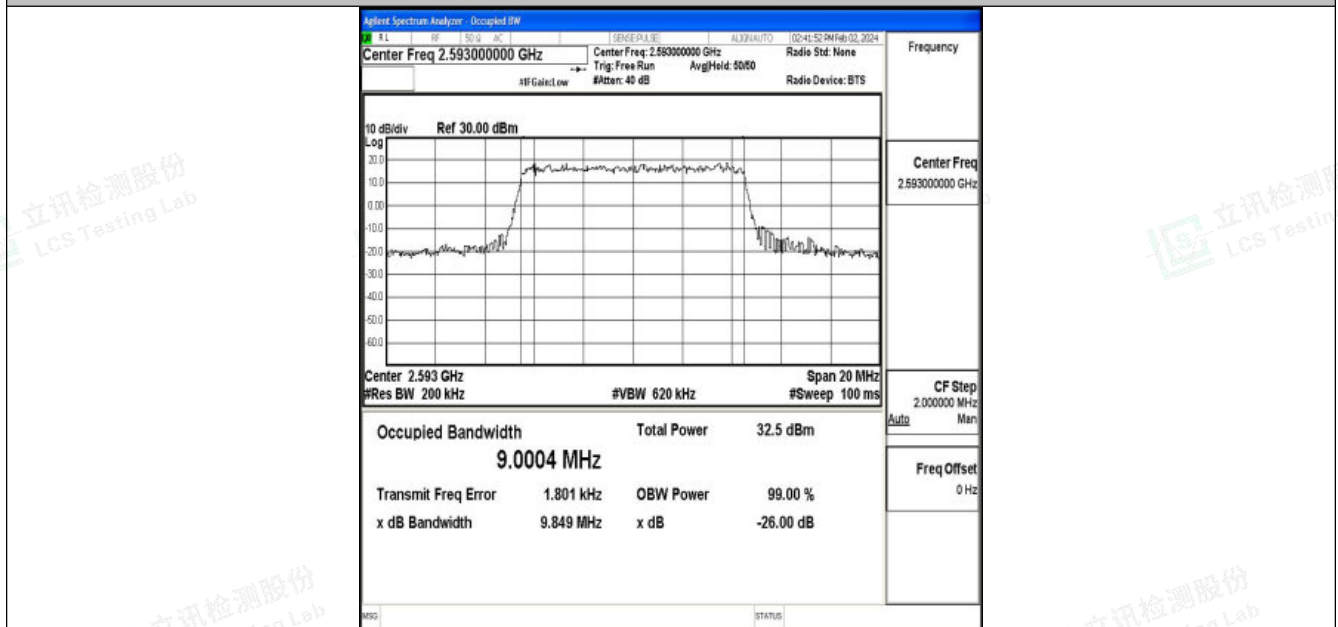


Band41-10MHz-16QAM-39700-50RB#0-PASS





Band41-10MHz-QPSK-40620-50RB#0-PASS



Band41-10MHz-16QAM-40620-50RB#0-PASS

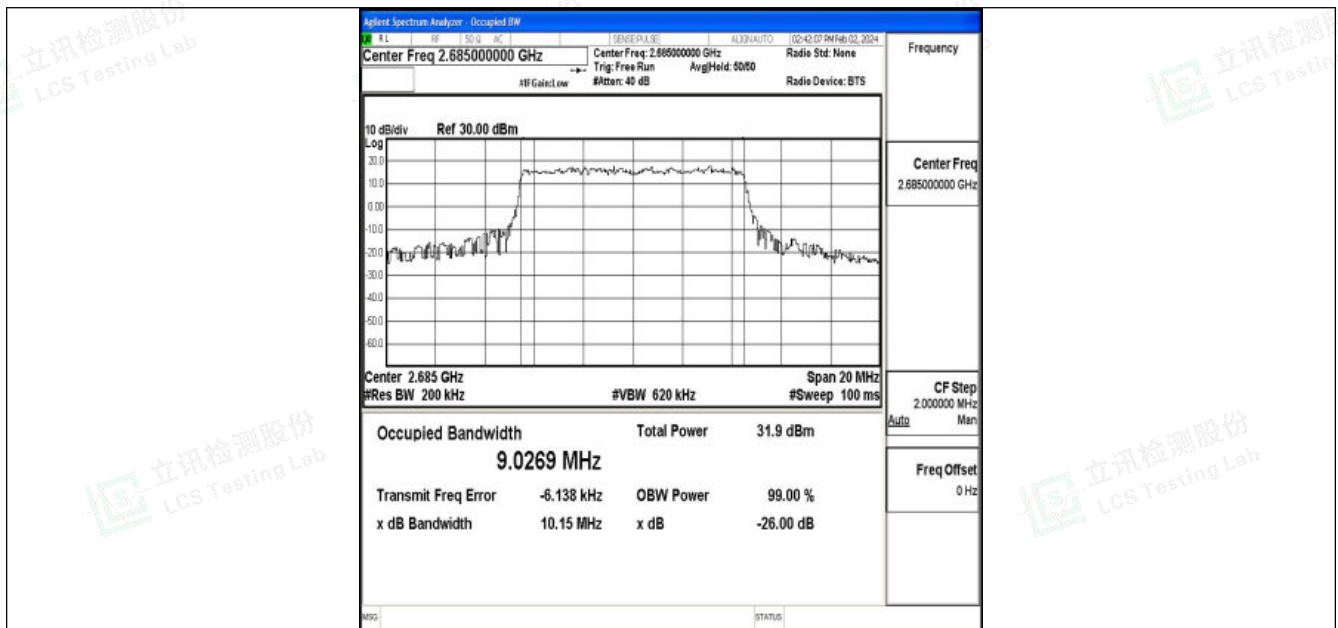


Shenzhen LCS Compliance Testing Laboratory Ltd.

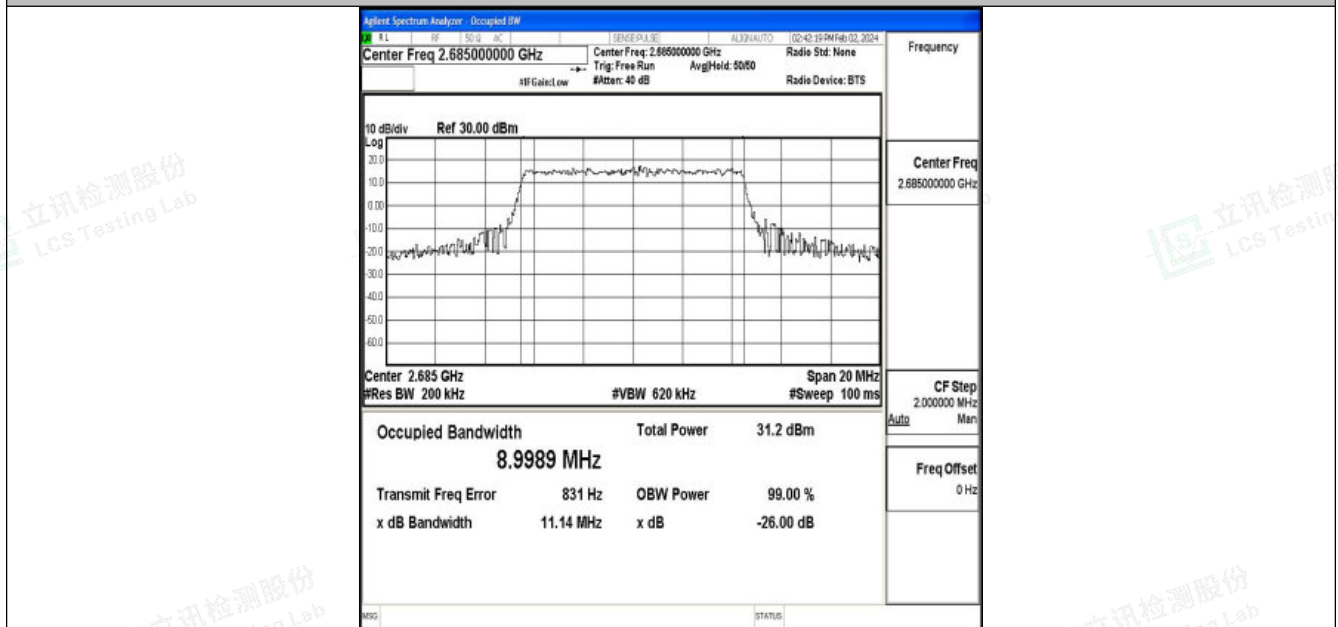
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Band41-10MHz-QPSK-41540-50RB#0-PASS



Band41-10MHz-16QAM-41540-50RB#0-PASS

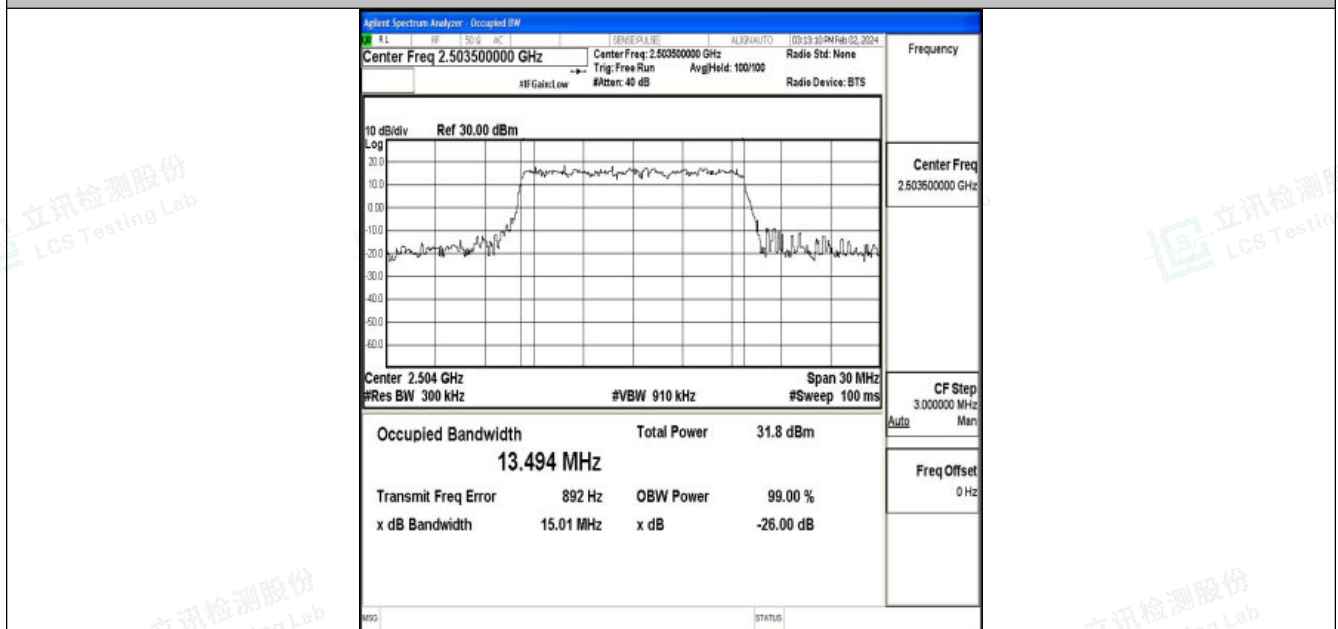
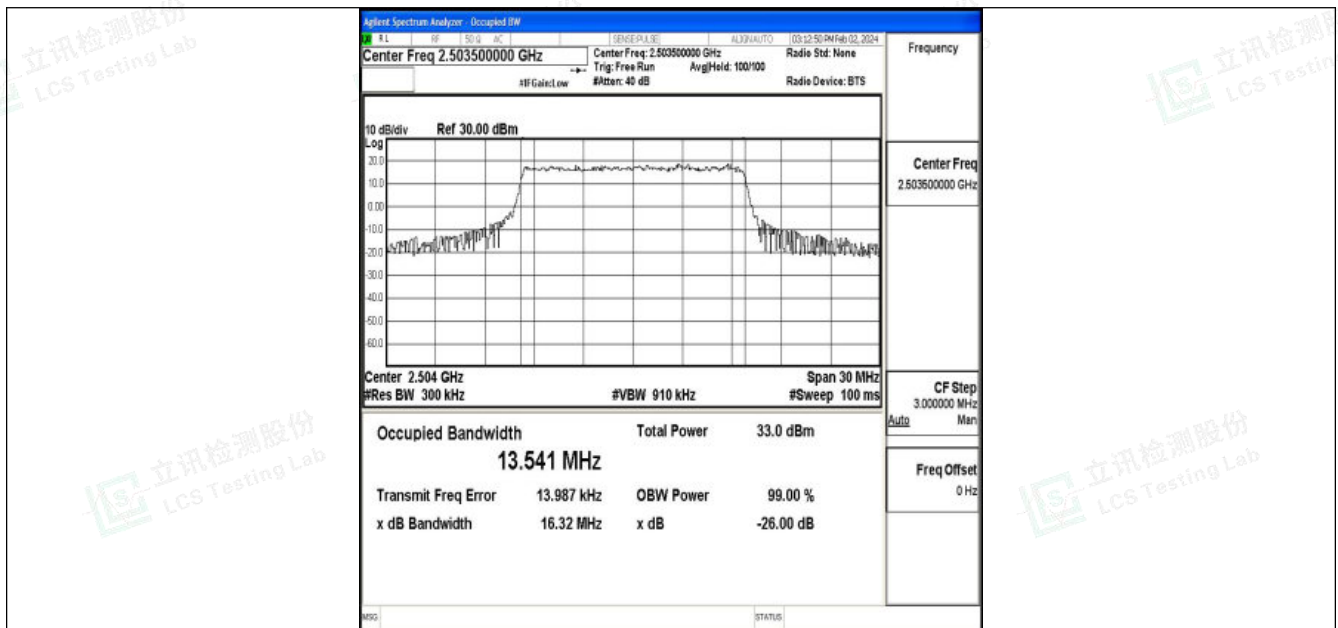


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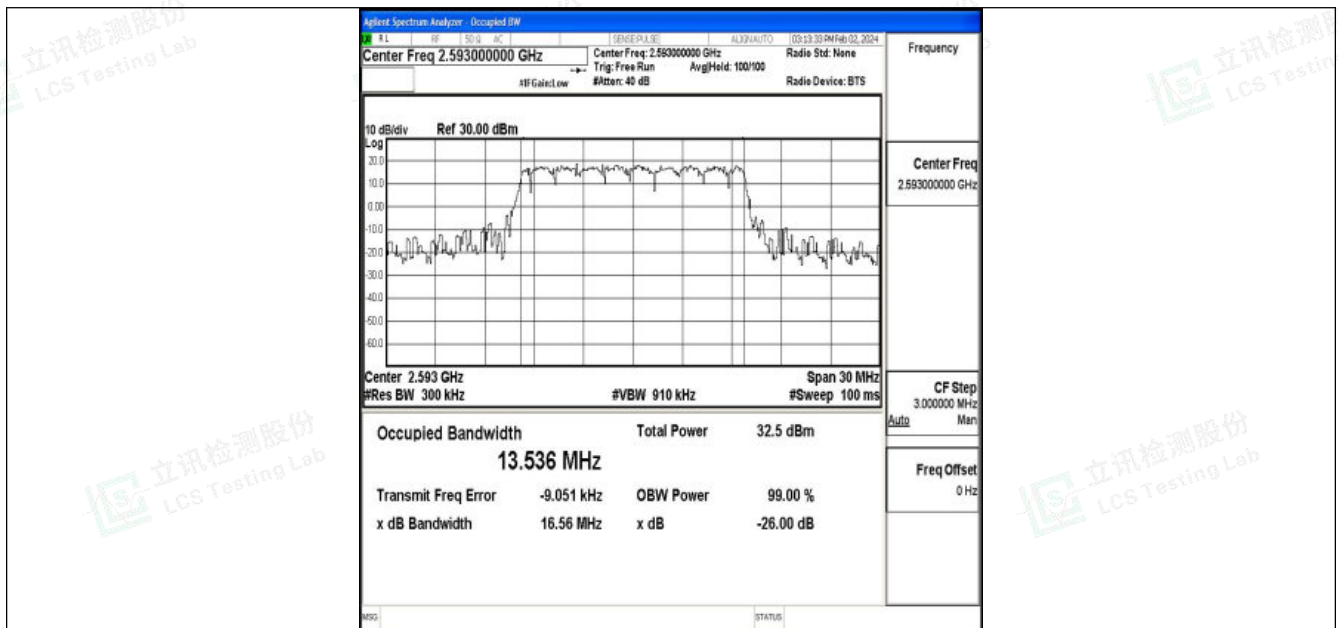


Shenzhen LCS Compliance Testing Laboratory Ltd.

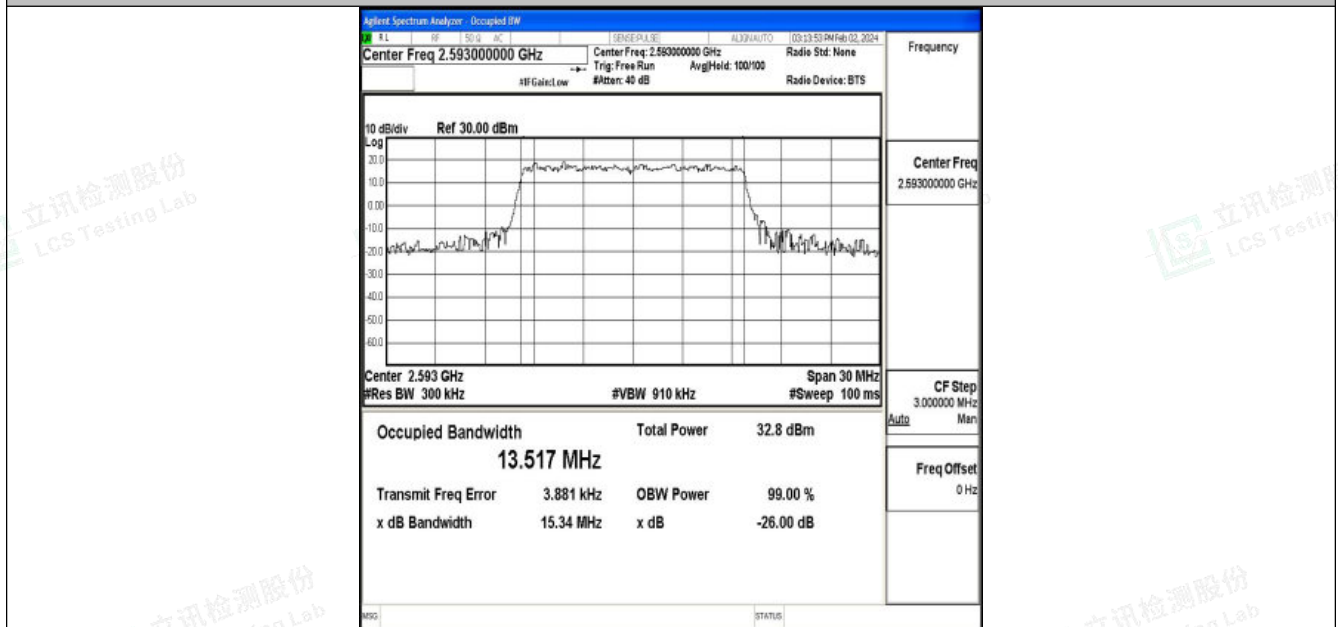
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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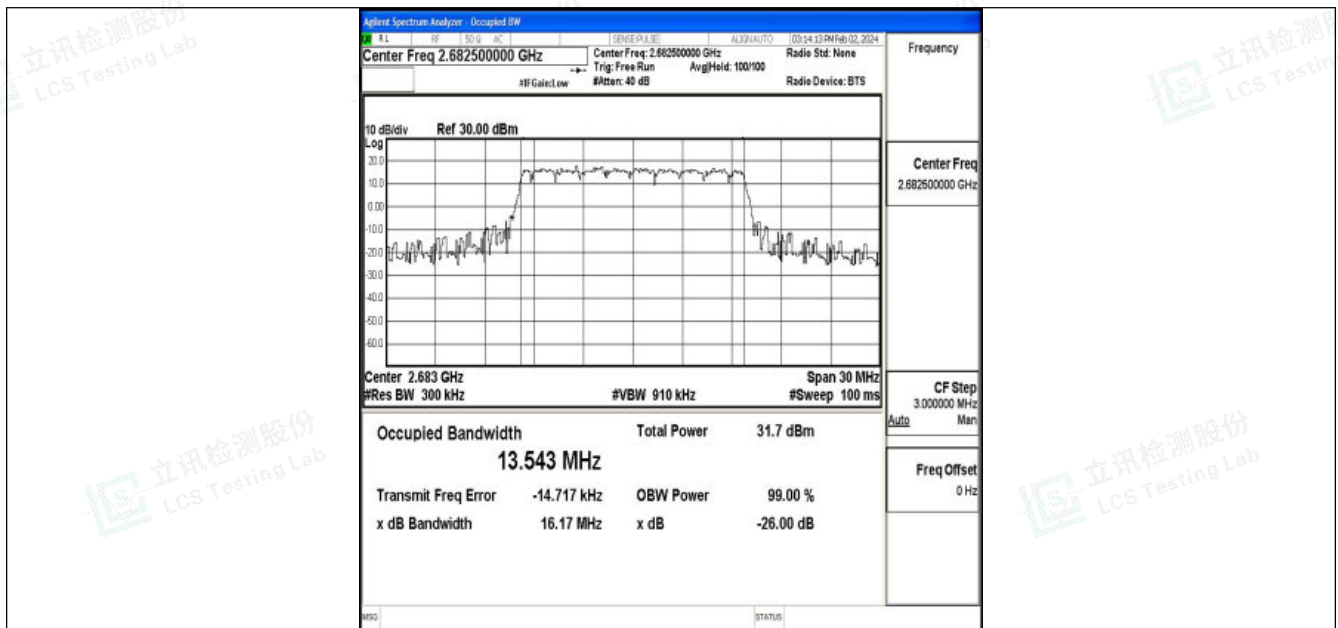


Band41-15MHz-QPSK-40620-75RB#0-PASS

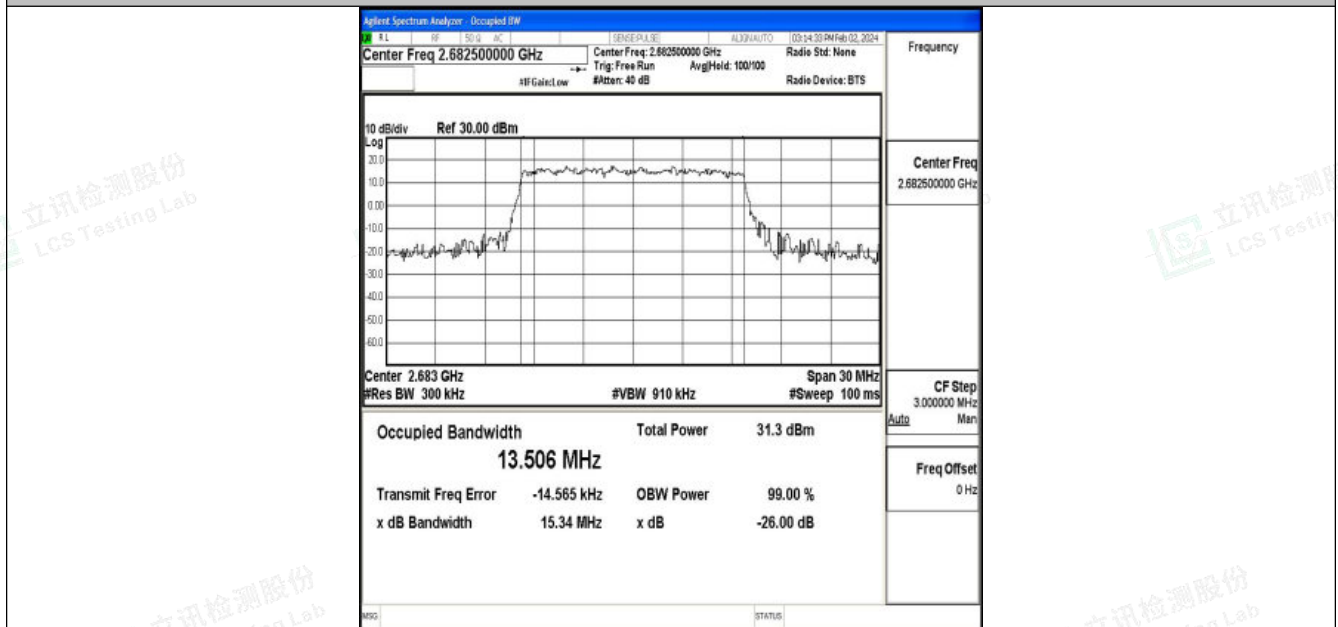


Band41-15MHz-16QAM-40620-75RB#0-PASS





Band41-15MHz-QPSK-41515-75RB#0-PASS



Band41-15MHz-16QAM-41515-75RB#0-PASS

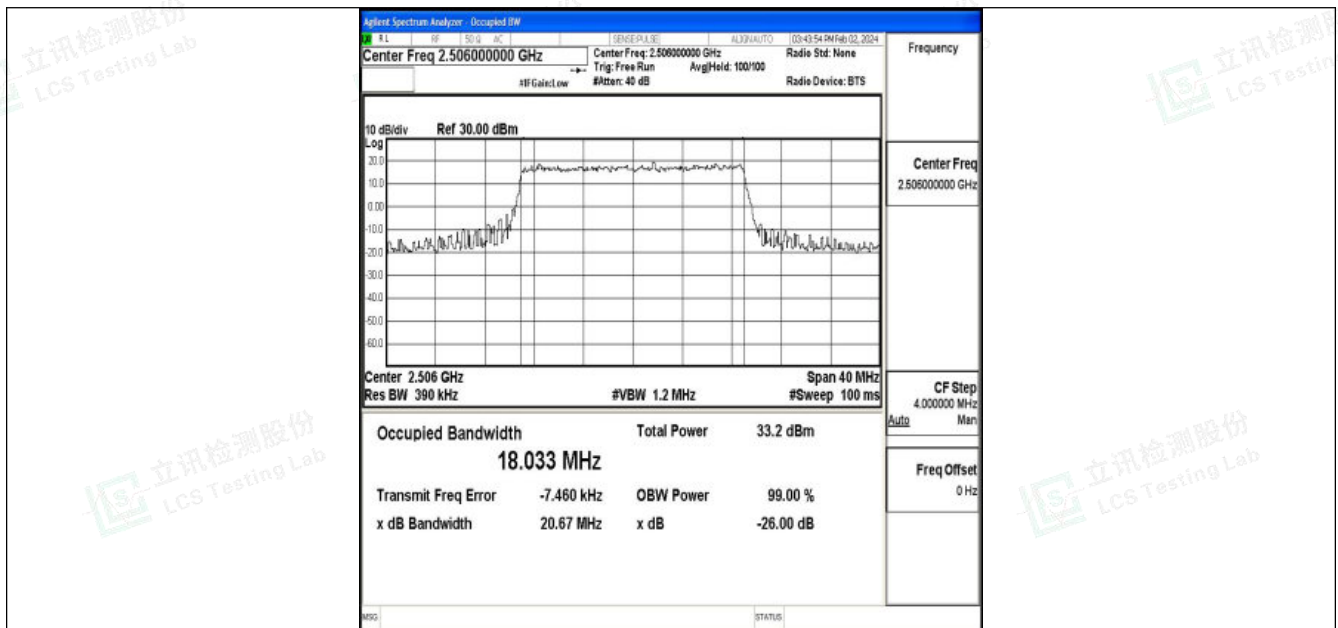


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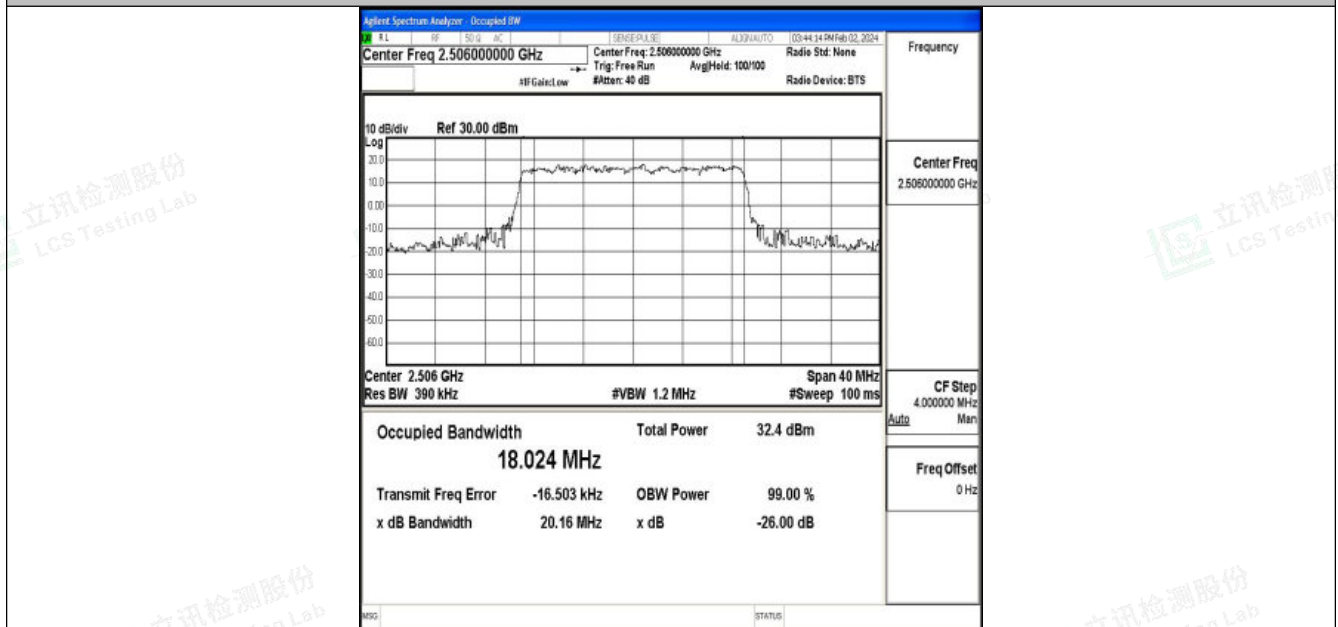
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Band41-20MHz-QPSK-39750-100RB#0-PASS



Band41-20MHz-16QAM-39750-100RB#0-PASS

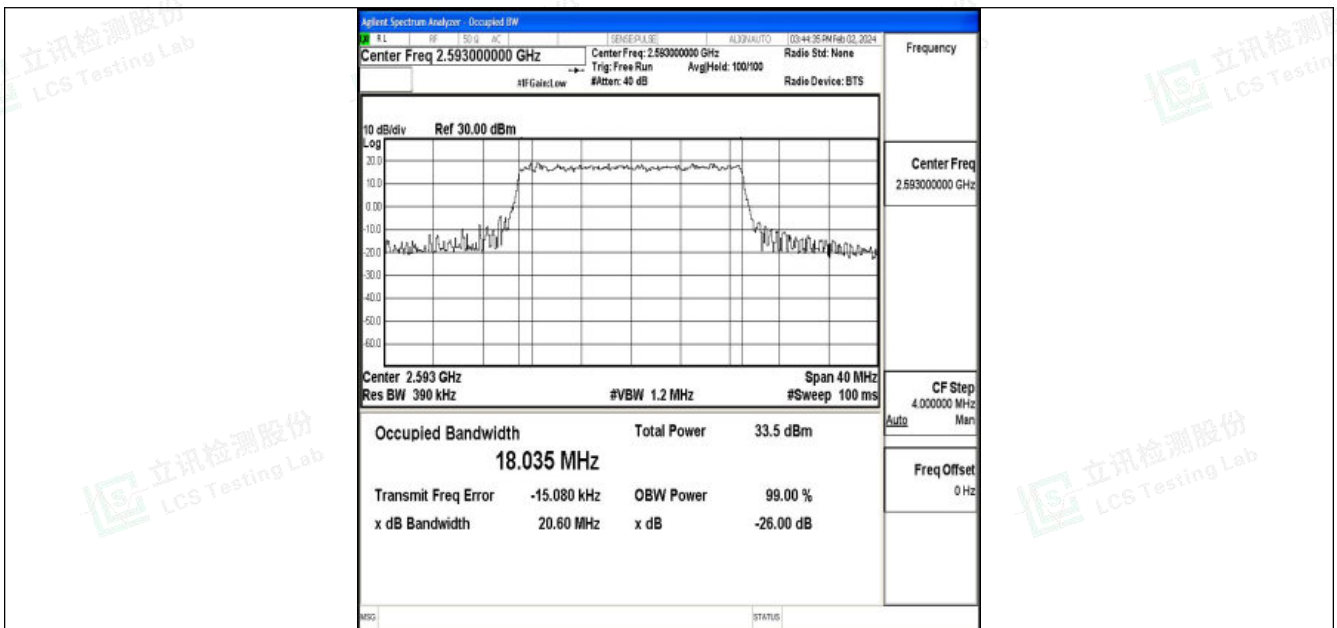


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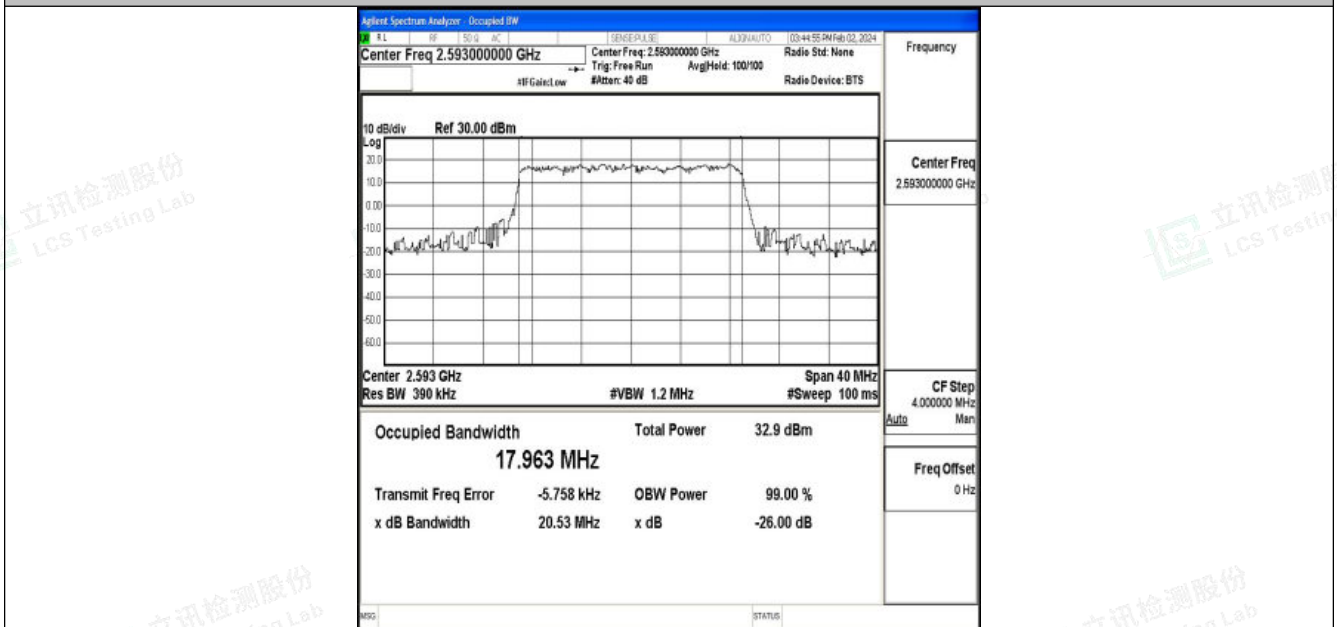
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Scan code to check authenticity

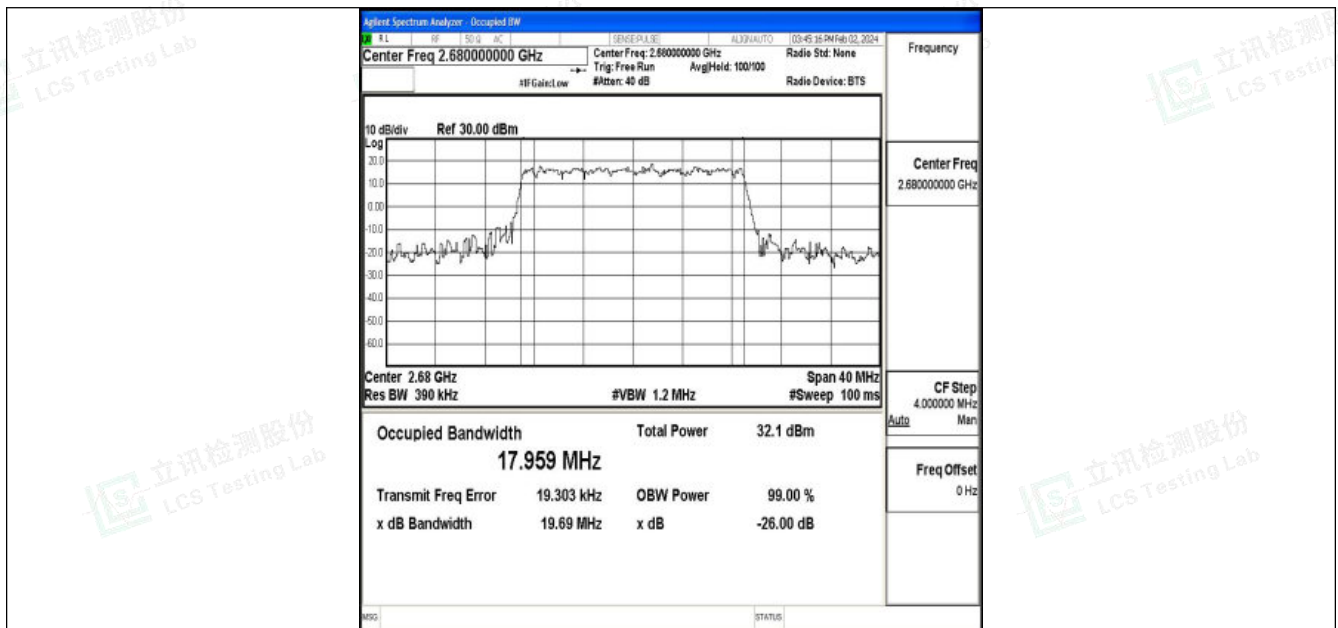


Band41-20MHz-QPSK-40620-100RB#0-PASS

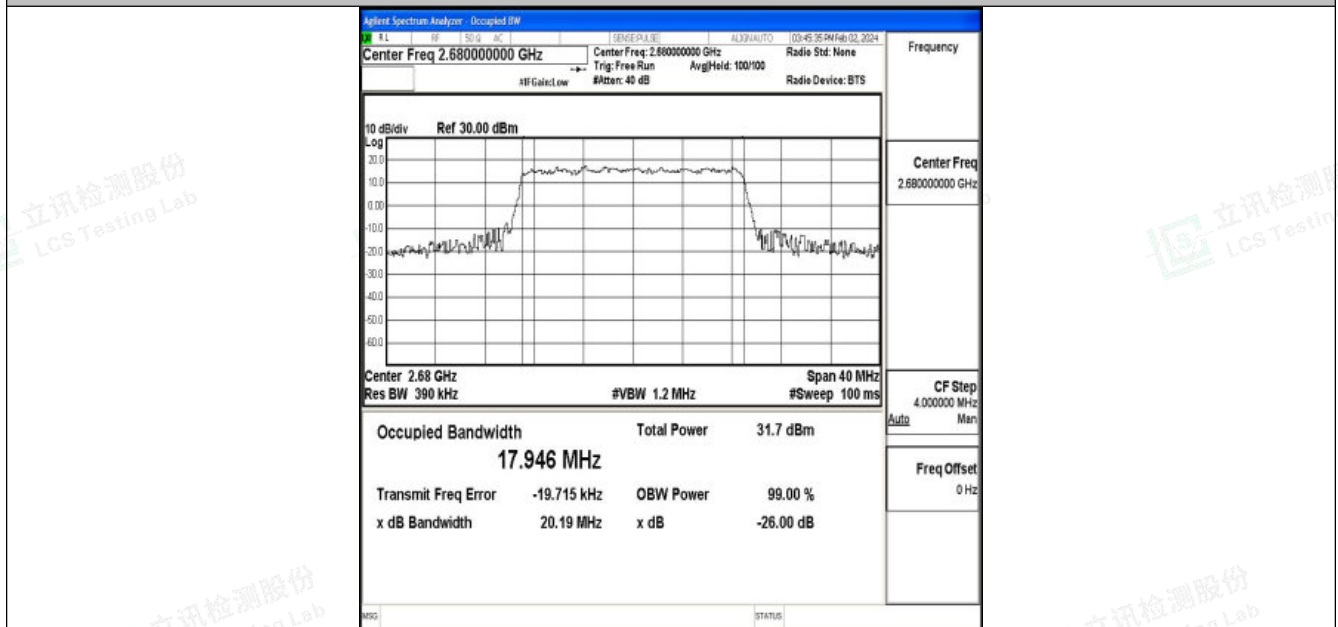


Band41-20MHz-16QAM-40620-100RB#0-PASS





Band41-20MHz-QPSK-41490-100RB#0-PASS



Band41-20MHz-16QAM-41490-100RB#0-PASS



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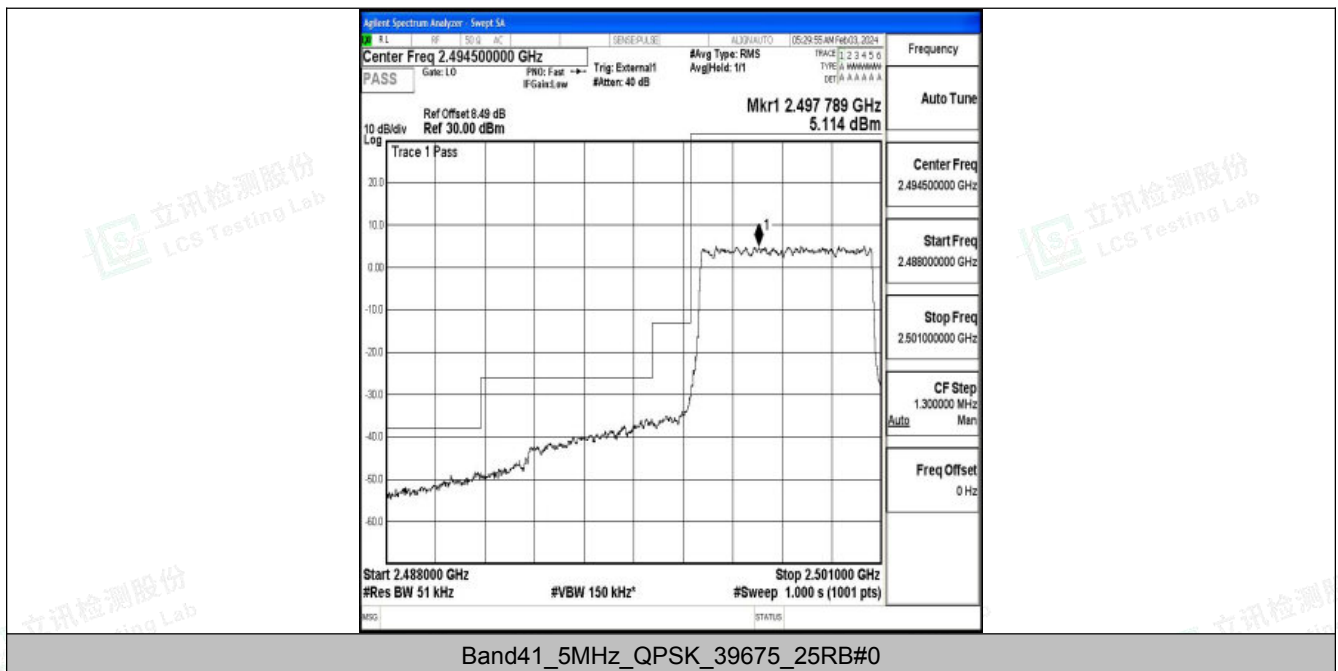


L.4 Band Edge

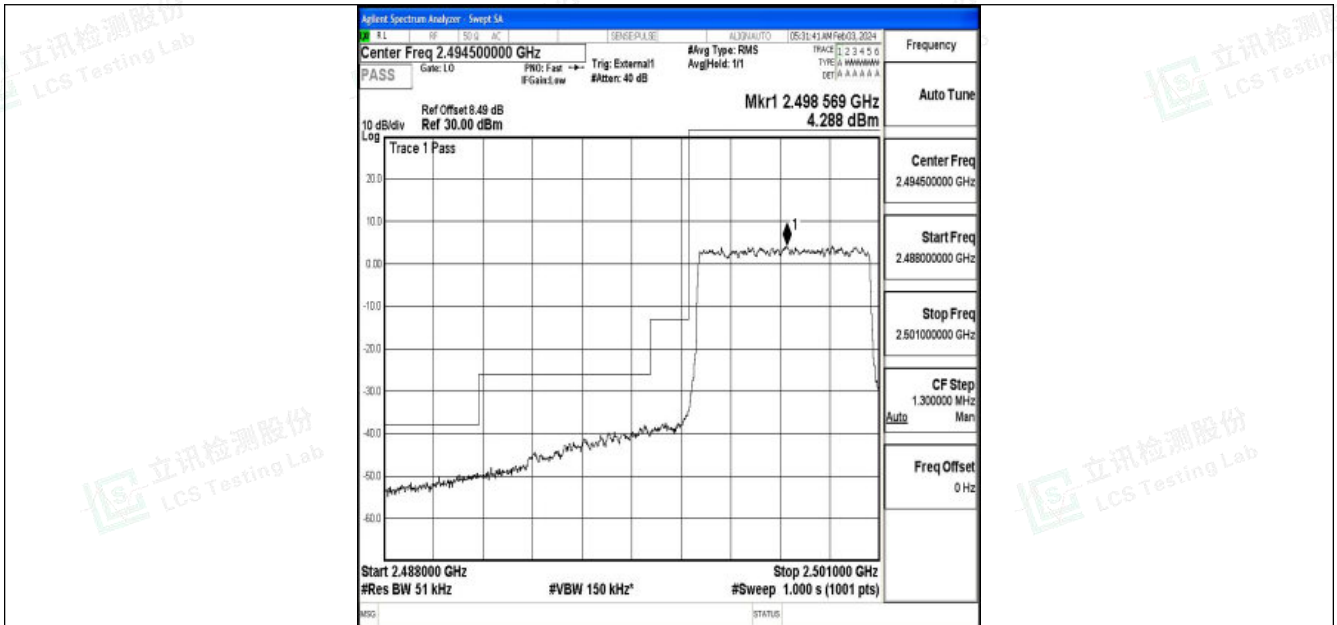
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	2494.97	-35.82	PASS
Band41	5MHz	16QAM	39675	25RB#0	2490.46	-49.40	PASS
Band41	5MHz	QPSK	41565	25RB#0	2697.23	-44.51	PASS
Band41	5MHz	16QAM	41565	25RB#0	2696.27	-45.11	PASS
Band41	10MHz	QPSK	39700	50RB#0	2490.38	-39.96	PASS
Band41	10MHz	16QAM	39700	50RB#0	2490.32	-41.96	PASS
Band41	10MHz	QPSK	41540	50RB#0	2700.08	-43.70	PASS
Band41	10MHz	16QAM	41540	50RB#0	2700.23	-43.51	PASS
Band41	15MHz	QPSK	39725	75RB#0	2489.75	-37.62	PASS
Band41	15MHz	16QAM	39725	75RB#0	2489.73	-39.50	PASS
Band41	15MHz	QPSK	41515	75RB#0	2706.36	-42.35	PASS
Band41	15MHz	16QAM	41515	75RB#0	2706.05	-42.80	PASS
Band41	20MHz	QPSK	39750	100RB#0	2489.20	-38.79	PASS
Band41	20MHz	16QAM	39750	100RB#0	2490.46	-39.73	PASS
Band41	20MHz	QPSK	41490	100RB#0	2710.01	-42.66	PASS
Band41	20MHz	16QAM	41490	100RB#0	2712.35	-42.61	PASS

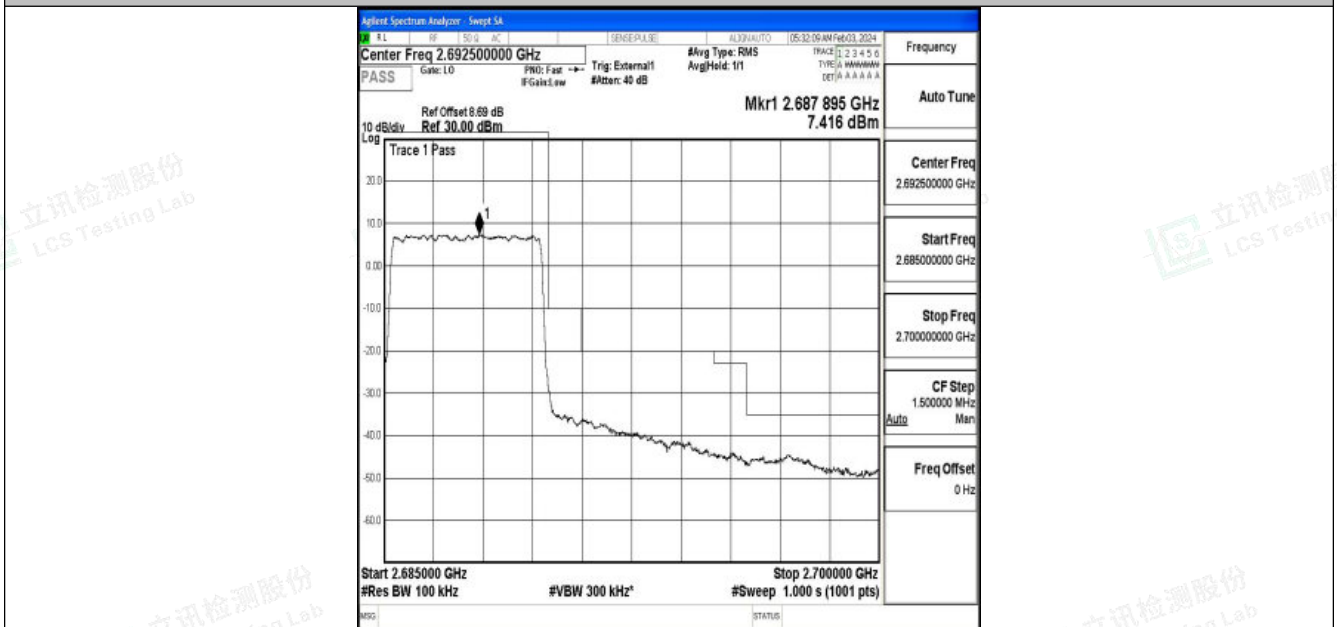
Test Graphs



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Band41_5MHz_16QAM_39675_25RB#0



Band41_5MHz_QPSK_41565_25RB#0

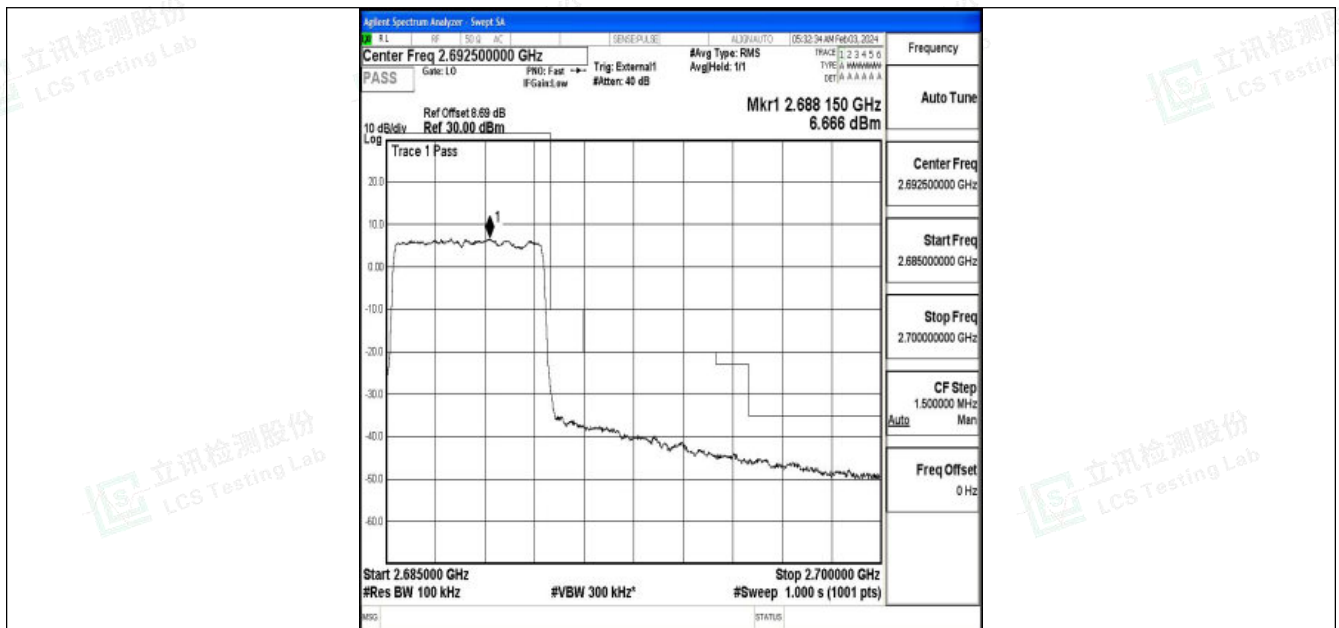


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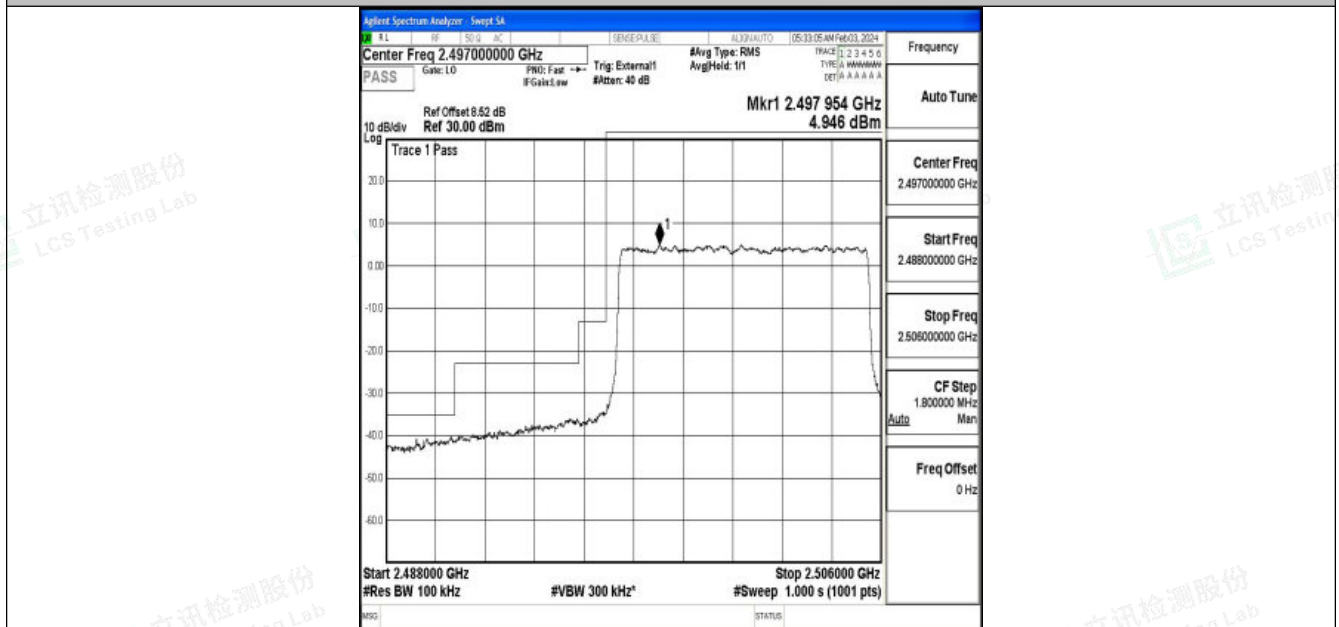
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Scan code to check authenticity

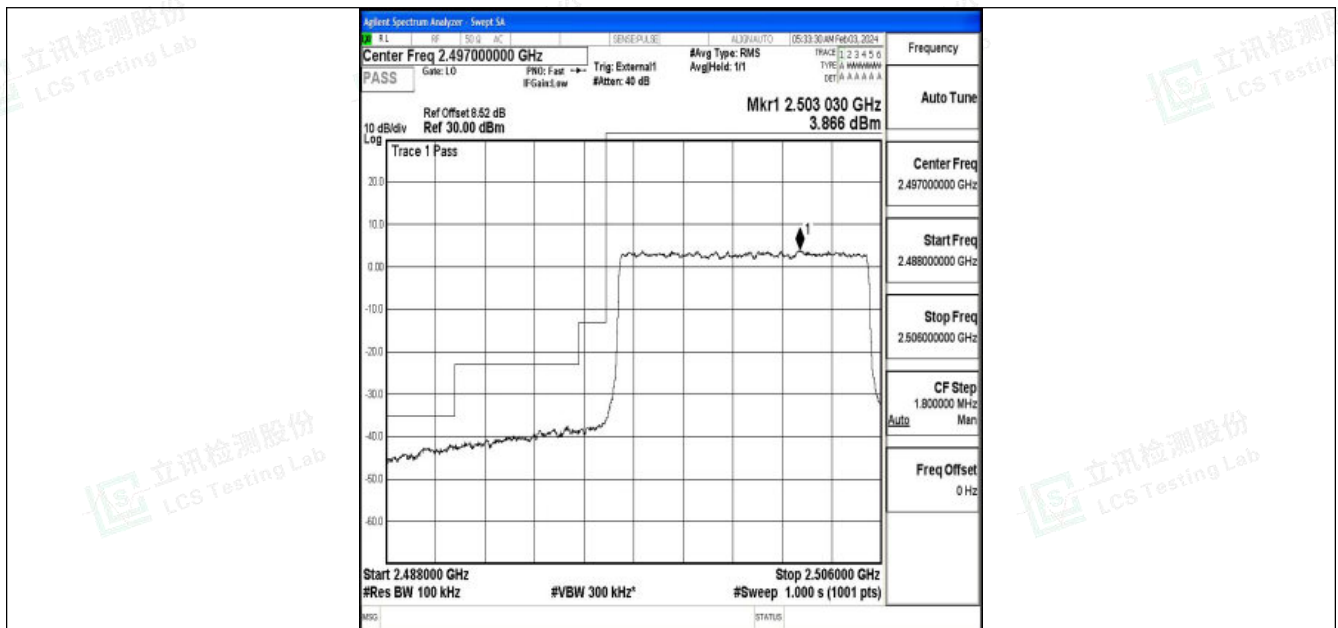


Band41_5MHz_16QAM_41565_25RB#0

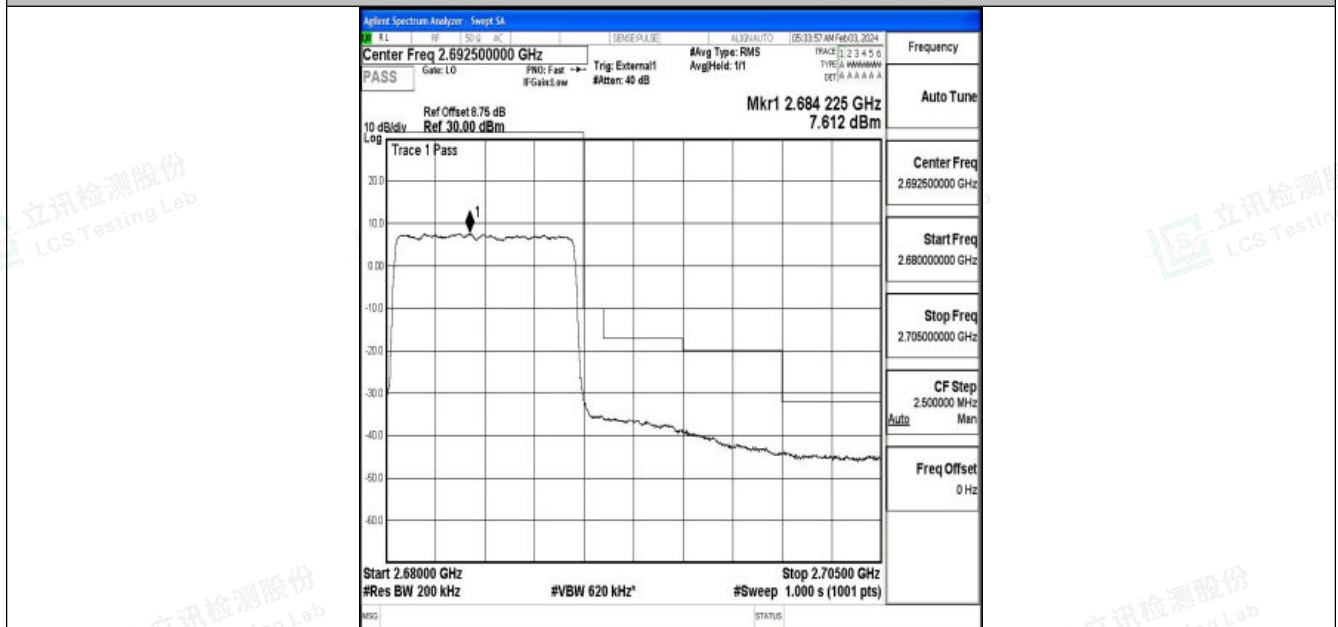


Band41_10MHz_QPSK_39700_50RB#0





Band41_10MHz_16QAM_39700_50RB#0



Band41_10MHz_QPSK_41540_50RB#0

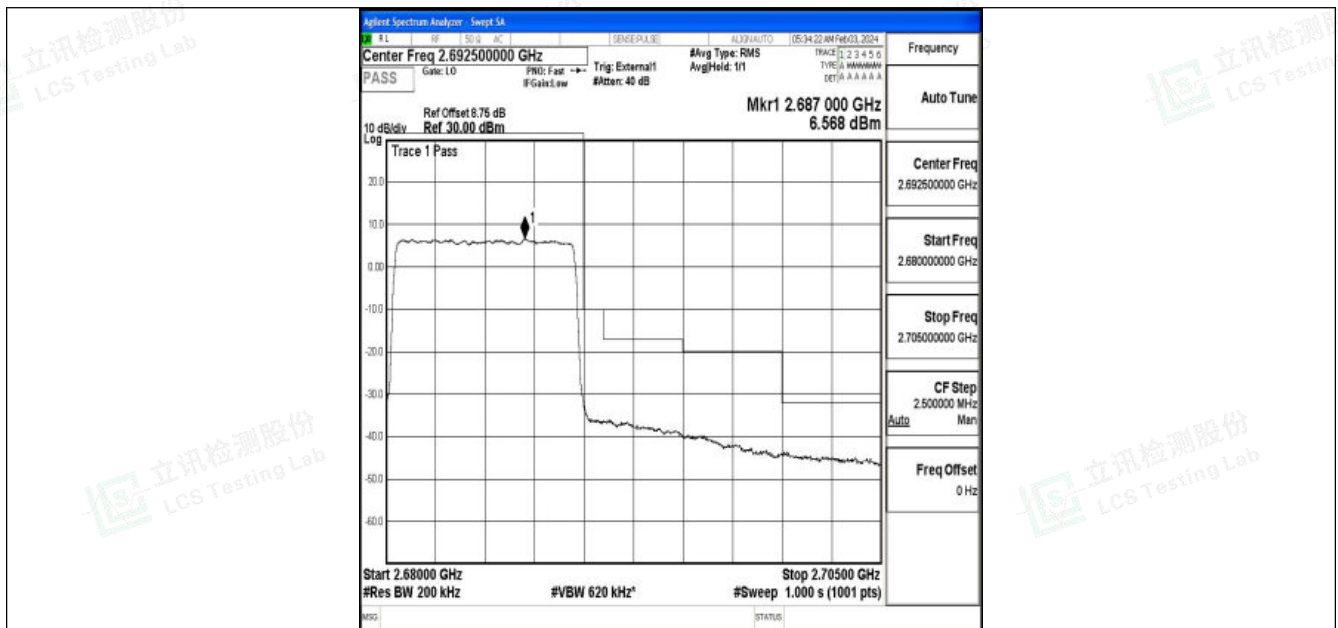


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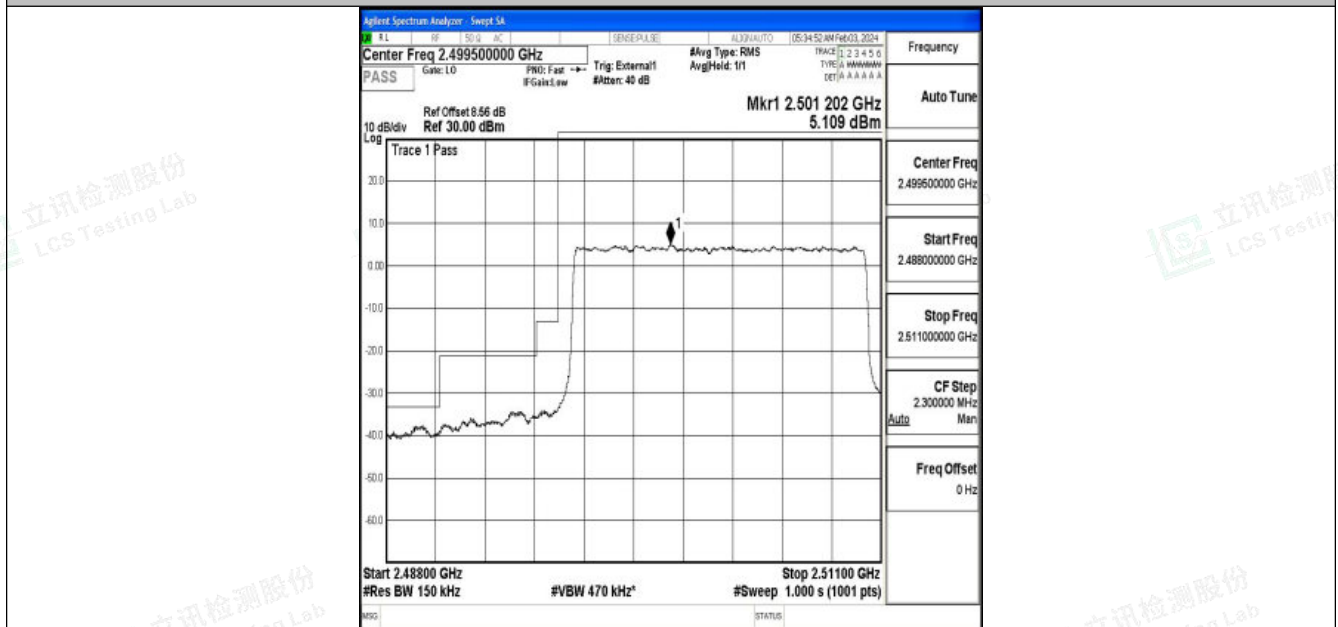
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Band41_10MHz_16QAM_41540_50RB#0



Band41_15MHz_QPSK_39725_75RB#0

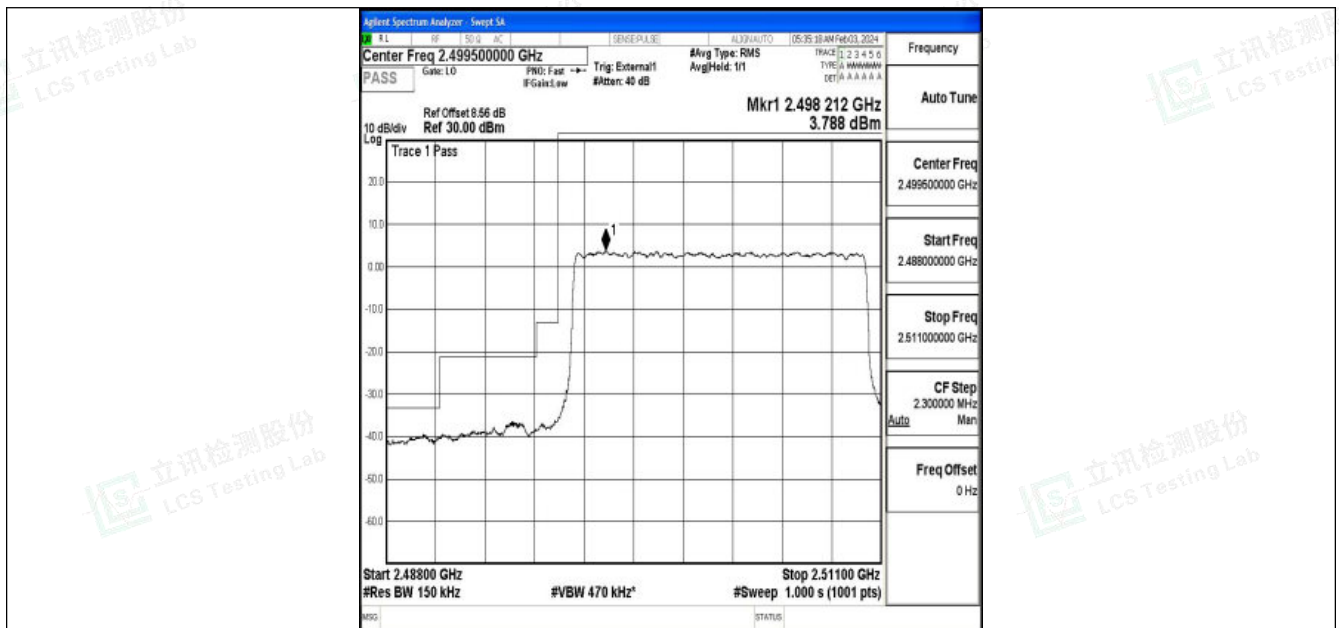


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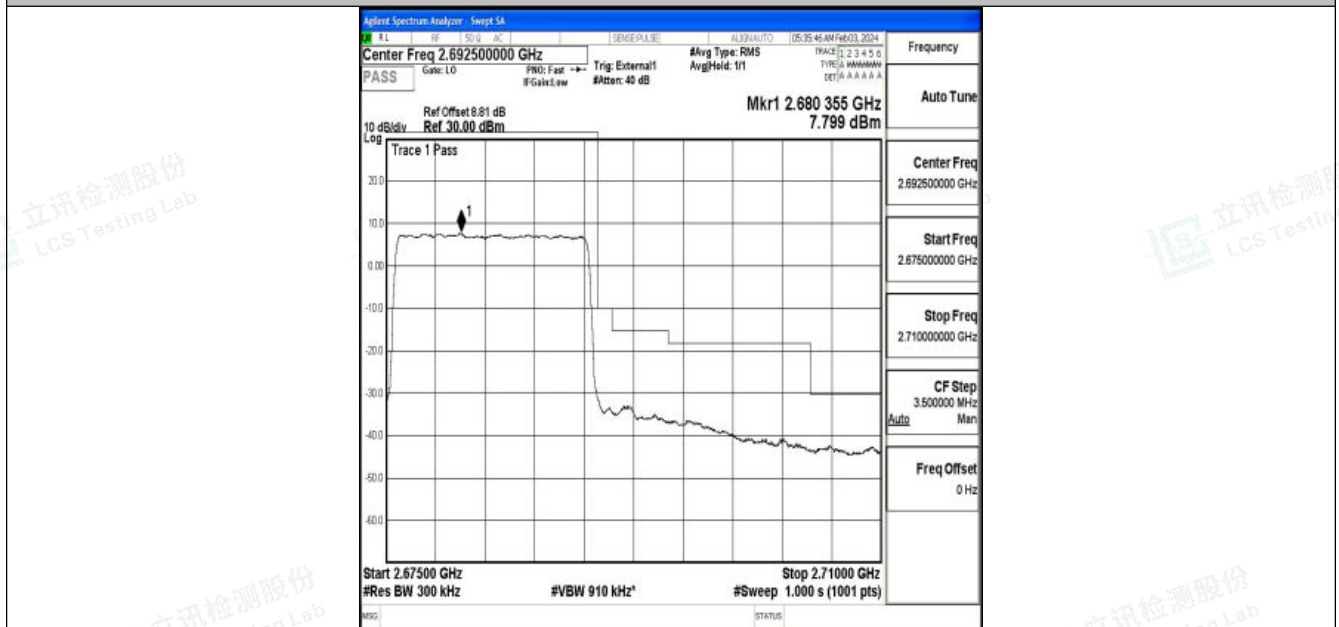
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Scan code to check authenticity

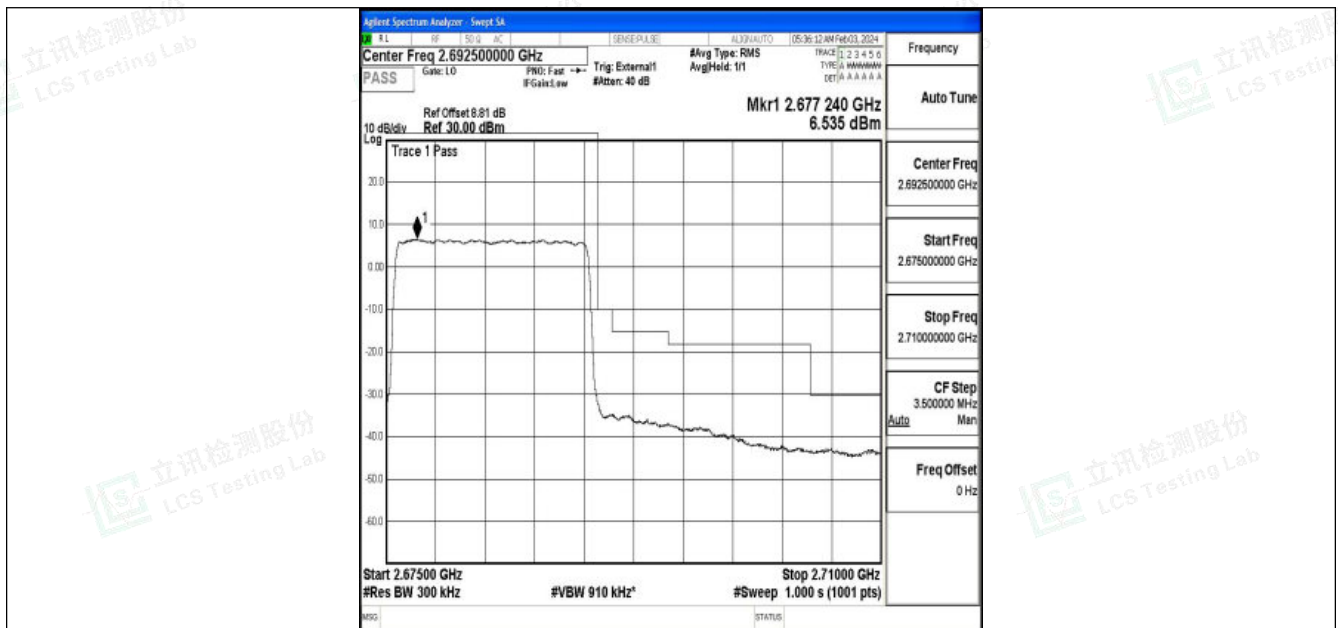


Band41_15MHz_16QAM_39725_75RB#0

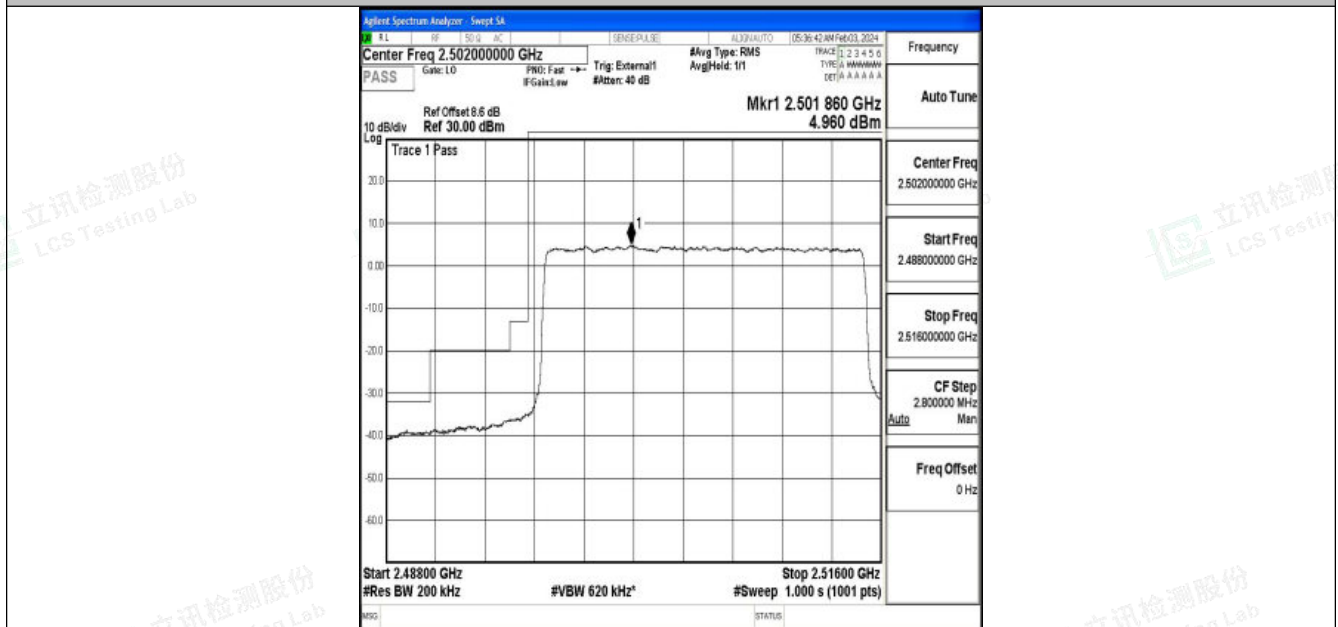


Band41_15MHz_QPSK_41515_75RB#0



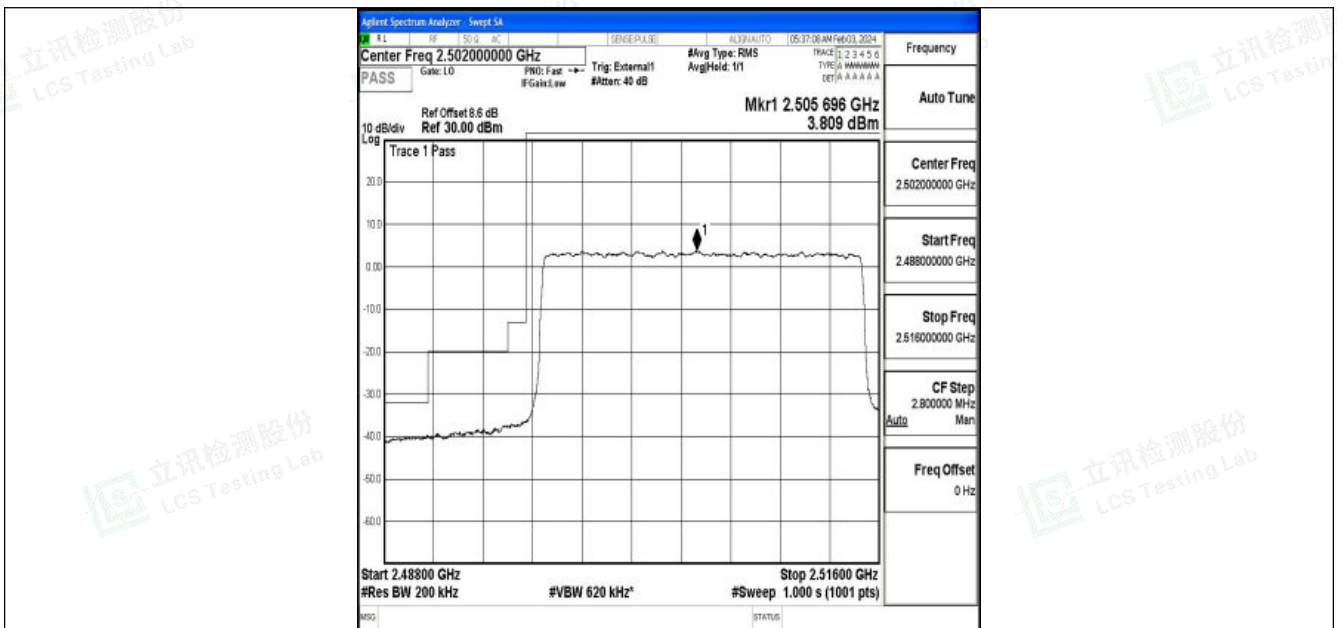


Band41_15MHz_16QAM_41515_75RB#0

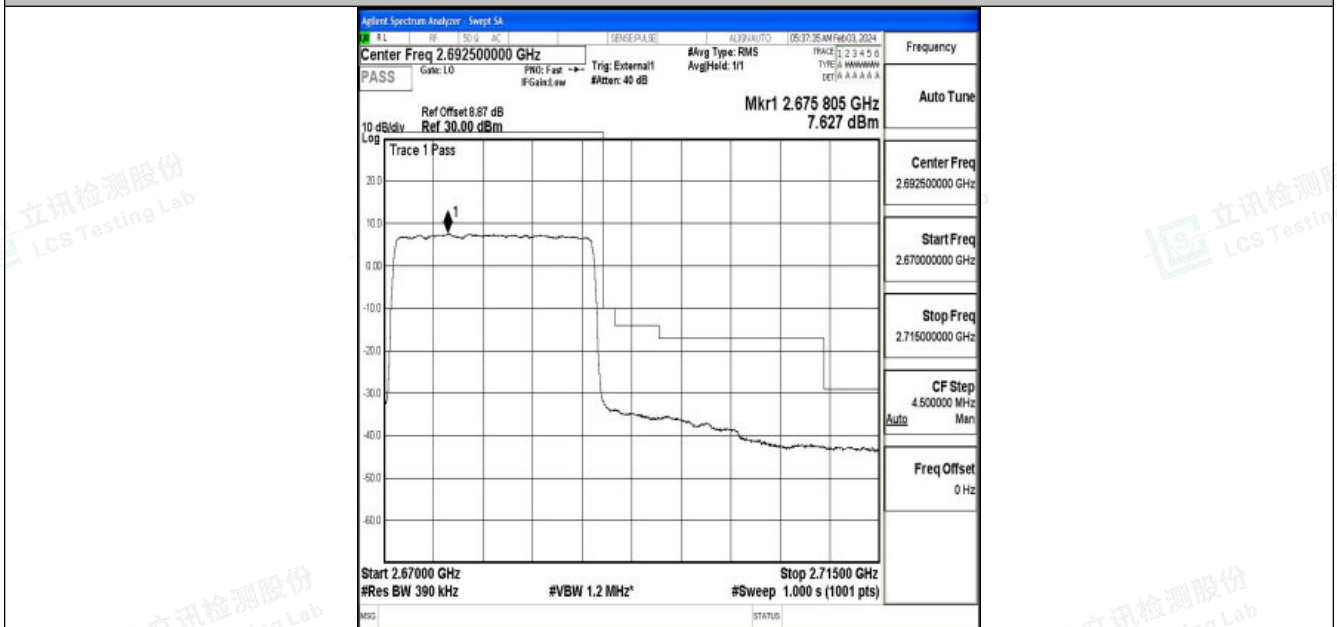


Band41_20MHz_QPSK_39750_100RB#0



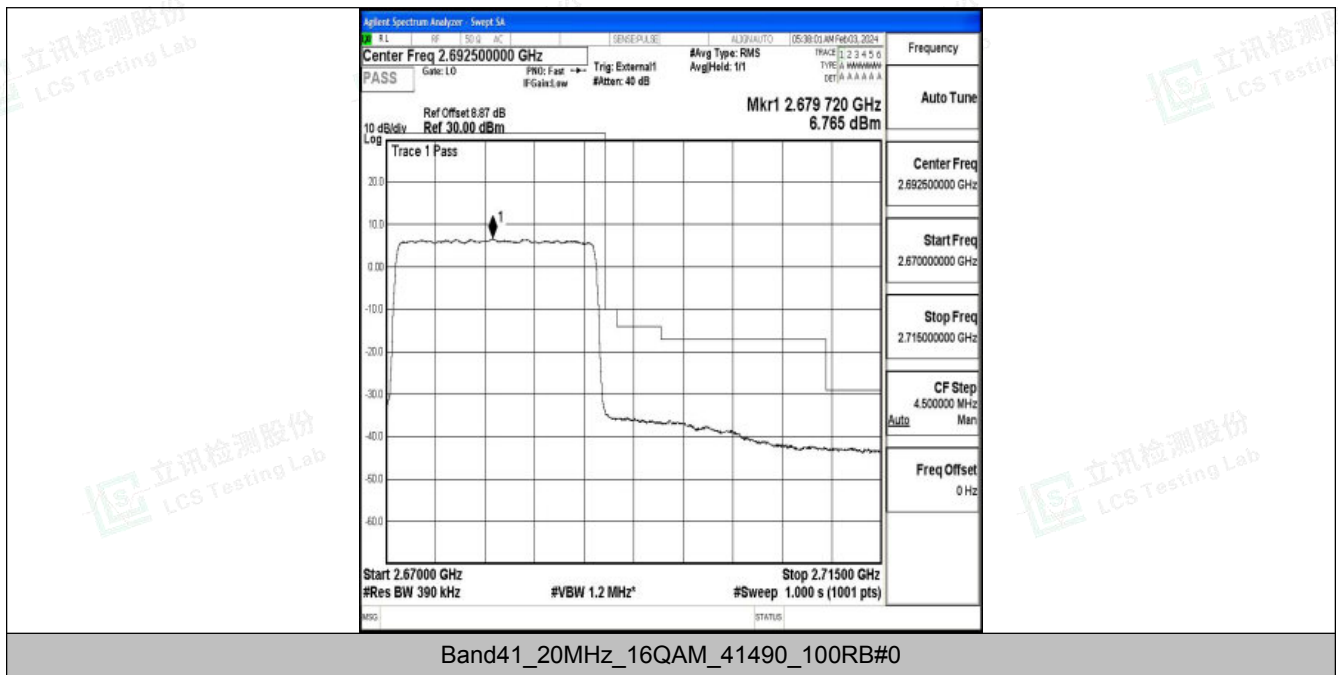


Band41_20MHz_16QAM_39750_100RB#0



Band41_20MHz_QPSK_41490_100RB#0







L.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	0.009~0.15	-60.96	PASS
Band41	5MHz	QPSK	39675	1RB#0	0.15~30	-58.97	PASS
Band41	5MHz	QPSK	39675	1RB#0	30~1000	-58.25	PASS
Band41	5MHz	QPSK	39675	1RB#0	1000~20000	-29.31	PASS
Band41	5MHz	QPSK	39675	1RB#0	20000~27000	-31.43	PASS
Band41	5MHz	16QAM	39675	1RB#0	0.009~0.15	-64.01	PASS
Band41	5MHz	16QAM	39675	1RB#0	0.15~30	-55.95	PASS
Band41	5MHz	16QAM	39675	1RB#0	30~1000	-58.14	PASS
Band41	5MHz	16QAM	39675	1RB#0	1000~20000	-29.17	PASS
Band41	5MHz	16QAM	39675	1RB#0	20000~27000	-31.46	PASS
Band41	5MHz	QPSK	40620	1RB#0	0.009~0.15	-64.47	PASS
Band41	5MHz	QPSK	40620	1RB#0	0.15~30	-59.57	PASS
Band41	5MHz	QPSK	40620	1RB#0	30~1000	-57.93	PASS
Band41	5MHz	QPSK	40620	1RB#0	1000~20000	-29.25	PASS
Band41	5MHz	QPSK	40620	1RB#0	20000~27000	-31.13	PASS
Band41	5MHz	16QAM	40620	1RB#0	0.009~0.15	-65.22	PASS
Band41	5MHz	16QAM	40620	1RB#0	0.15~30	-55.91	PASS
Band41	5MHz	16QAM	40620	1RB#0	30~1000	-58.18	PASS
Band41	5MHz	16QAM	40620	1RB#0	1000~20000	-29.30	PASS
Band41	5MHz	16QAM	40620	1RB#0	20000~27000	-31.18	PASS
Band41	5MHz	QPSK	41565	1RB#0	0.009~0.15	-63.46	PASS
Band41	5MHz	QPSK	41565	1RB#0	0.15~30	-56.39	PASS
Band41	5MHz	QPSK	41565	1RB#0	30~1000	-57.68	PASS
Band41	5MHz	QPSK	41565	1RB#0	1000~20000	-29.12	PASS
Band41	5MHz	QPSK	41565	1RB#0	20000~27000	-31.40	PASS
Band41	5MHz	16QAM	41565	1RB#0	0.009~0.15	-64.41	PASS
Band41	5MHz	16QAM	41565	1RB#0	0.15~30	-55.63	PASS
Band41	5MHz	16QAM	41565	1RB#0	30~1000	-58.06	PASS
Band41	5MHz	16QAM	41565	1RB#0	1000~20000	-29.34	PASS
Band41	5MHz	16QAM	41565	1RB#0	20000~27000	-31.28	PASS
Band41	10MHz	QPSK	39700	1RB#0	0.009~0.15	-62.98	PASS
Band41	10MHz	QPSK	39700	1RB#0	0.15~30	-57.46	PASS
Band41	10MHz	QPSK	39700	1RB#0	30~1000	-58.13	PASS
Band41	10MHz	QPSK	39700	1RB#0	1000~20000	-29.16	PASS



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Band41	10MHz	QPSK	39700	1RB#0	20000~27000	-31.25	PASS
Band41	10MHz	16QAM	39700	1RB#0	0.009~0.15	-62.81	PASS
Band41	10MHz	16QAM	39700	1RB#0	0.15~30	-56.87	PASS
Band41	10MHz	16QAM	39700	1RB#0	30~1000	-58.13	PASS
Band41	10MHz	16QAM	39700	1RB#0	1000~20000	-29.12	PASS
Band41	10MHz	16QAM	39700	1RB#0	20000~27000	-30.76	PASS
Band41	10MHz	QPSK	40620	1RB#0	0.009~0.15	-61.74	PASS
Band41	10MHz	QPSK	40620	1RB#0	0.15~30	-56.24	PASS
Band41	10MHz	QPSK	40620	1RB#0	30~1000	-58.19	PASS
Band41	10MHz	QPSK	40620	1RB#0	1000~20000	-28.66	PASS
Band41	10MHz	QPSK	40620	1RB#0	20000~27000	-30.87	PASS
Band41	10MHz	16QAM	40620	1RB#0	0.009~0.15	-63.62	PASS
Band41	10MHz	16QAM	40620	1RB#0	0.15~30	-58.62	PASS
Band41	10MHz	16QAM	40620	1RB#0	30~1000	-58.38	PASS
Band41	10MHz	16QAM	40620	1RB#0	1000~20000	-29.11	PASS
Band41	10MHz	16QAM	40620	1RB#0	20000~27000	-31.18	PASS
Band41	10MHz	QPSK	41540	1RB#0	0.009~0.15	-63.18	PASS
Band41	10MHz	QPSK	41540	1RB#0	0.15~30	-56.28	PASS
Band41	10MHz	QPSK	41540	1RB#0	30~1000	-58.12	PASS
Band41	10MHz	QPSK	41540	1RB#0	1000~20000	-28.85	PASS
Band41	10MHz	QPSK	41540	1RB#0	20000~27000	-31.14	PASS
Band41	10MHz	16QAM	41540	1RB#0	0.009~0.15	-62.93	PASS
Band41	10MHz	16QAM	41540	1RB#0	0.15~30	-55.48	PASS
Band41	10MHz	16QAM	41540	1RB#0	30~1000	-57.74	PASS
Band41	10MHz	16QAM	41540	1RB#0	1000~20000	-28.93	PASS
Band41	10MHz	16QAM	41540	1RB#0	20000~27000	-31.13	PASS
Band41	15MHz	QPSK	39725	1RB#0	0.009~0.15	-62.91	PASS
Band41	15MHz	QPSK	39725	1RB#0	0.15~30	-54.94	PASS
Band41	15MHz	QPSK	39725	1RB#0	30~1000	-58.40	PASS
Band41	15MHz	QPSK	39725	1RB#0	1000~20000	-29.37	PASS
Band41	15MHz	QPSK	39725	1RB#0	20000~27000	-30.83	PASS
Band41	15MHz	16QAM	39725	1RB#0	0.009~0.15	-65.07	PASS
Band41	15MHz	16QAM	39725	1RB#0	0.15~30	-56.73	PASS
Band41	15MHz	16QAM	39725	1RB#0	30~1000	-58.19	PASS
Band41	15MHz	16QAM	39725	1RB#0	1000~20000	-28.73	PASS
Band41	15MHz	16QAM	39725	1RB#0	20000~27000	-31.25	PASS
Band41	15MHz	QPSK	40620	1RB#0	0.009~0.15	-64.32	PASS
Band41	15MHz	QPSK	40620	1RB#0	0.15~30	-57.87	PASS
Band41	15MHz	QPSK	40620	1RB#0	30~1000	-58.35	PASS
Band41	15MHz	QPSK	40620	1RB#0	1000~20000	-28.48	PASS



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Band41	15MHz	QPSK	40620	1RB#0	20000~27000	-31.31	PASS
Band41	15MHz	16QAM	40620	1RB#0	0.009~0.15	-61.65	PASS
Band41	15MHz	16QAM	40620	1RB#0	0.15~30	-56.52	PASS
Band41	15MHz	16QAM	40620	1RB#0	30~1000	-58.10	PASS
Band41	15MHz	16QAM	40620	1RB#0	1000~20000	-29.20	PASS
Band41	15MHz	16QAM	40620	1RB#0	20000~27000	-31.23	PASS
Band41	15MHz	QPSK	41515	1RB#0	0.009~0.15	-62.71	PASS
Band41	15MHz	QPSK	41515	1RB#0	0.15~30	-56.76	PASS
Band41	15MHz	QPSK	41515	1RB#0	30~1000	-58.21	PASS
Band41	15MHz	QPSK	41515	1RB#0	1000~20000	-29.20	PASS
Band41	15MHz	QPSK	41515	1RB#0	20000~27000	-30.97	PASS
Band41	15MHz	16QAM	41515	1RB#0	0.009~0.15	-61.75	PASS
Band41	15MHz	16QAM	41515	1RB#0	0.15~30	-54.65	PASS
Band41	15MHz	16QAM	41515	1RB#0	30~1000	-58.15	PASS
Band41	15MHz	16QAM	41515	1RB#0	1000~20000	-28.73	PASS
Band41	15MHz	16QAM	41515	1RB#0	20000~27000	-31.40	PASS
Band41	20MHz	QPSK	39750	1RB#0	0.009~0.15	-63.64	PASS
Band41	20MHz	QPSK	39750	1RB#0	0.15~30	-55.54	PASS
Band41	20MHz	QPSK	39750	1RB#0	30~1000	-58.38	PASS
Band41	20MHz	QPSK	39750	1RB#0	1000~20000	-28.90	PASS
Band41	20MHz	QPSK	39750	1RB#0	20000~27000	-31.42	PASS
Band41	20MHz	16QAM	39750	1RB#0	0.009~0.15	-63.03	PASS
Band41	20MHz	16QAM	39750	1RB#0	0.15~30	-55.88	PASS
Band41	20MHz	16QAM	39750	1RB#0	30~1000	-58.12	PASS
Band41	20MHz	16QAM	39750	1RB#0	1000~20000	-29.05	PASS
Band41	20MHz	16QAM	39750	1RB#0	20000~27000	-30.75	PASS
Band41	20MHz	QPSK	40620	1RB#0	0.009~0.15	-64.40	PASS
Band41	20MHz	QPSK	40620	1RB#0	0.15~30	-58.14	PASS
Band41	20MHz	QPSK	40620	1RB#0	30~1000	-58.25	PASS
Band41	20MHz	QPSK	40620	1RB#0	1000~20000	-29.02	PASS
Band41	20MHz	QPSK	40620	1RB#0	20000~27000	-30.93	PASS
Band41	20MHz	16QAM	40620	1RB#0	0.009~0.15	-62.70	PASS
Band41	20MHz	16QAM	40620	1RB#0	0.15~30	-55.96	PASS
Band41	20MHz	16QAM	40620	1RB#0	30~1000	-58.02	PASS
Band41	20MHz	16QAM	40620	1RB#0	1000~20000	-29.05	PASS
Band41	20MHz	16QAM	40620	1RB#0	20000~27000	-31.23	PASS
Band41	20MHz	QPSK	41490	1RB#0	0.009~0.15	-63.78	PASS
Band41	20MHz	QPSK	41490	1RB#0	0.15~30	-56.48	PASS
Band41	20MHz	QPSK	41490	1RB#0	30~1000	-58.21	PASS
Band41	20MHz	QPSK	41490	1RB#0	1000~20000	-29.13	PASS



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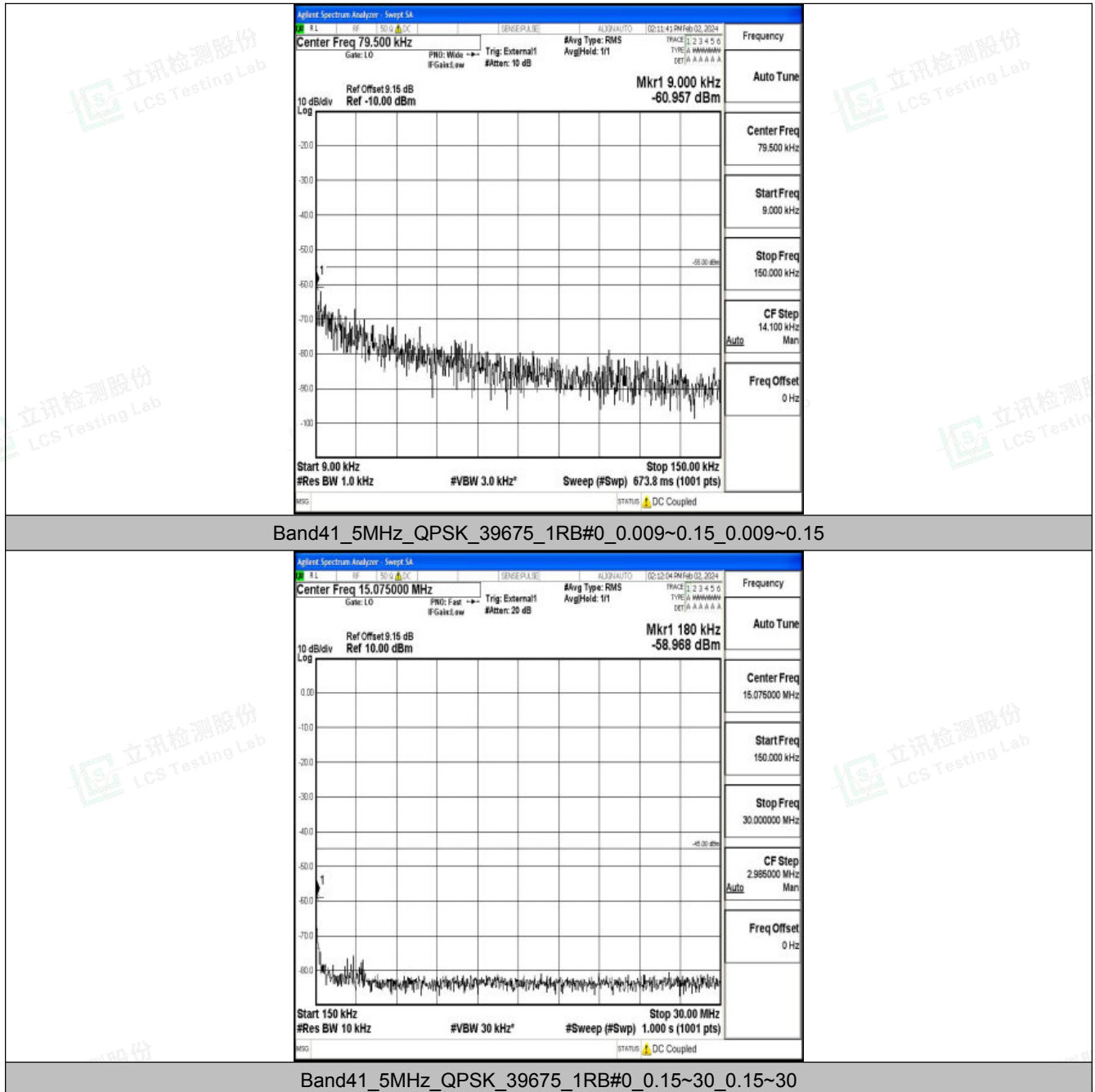
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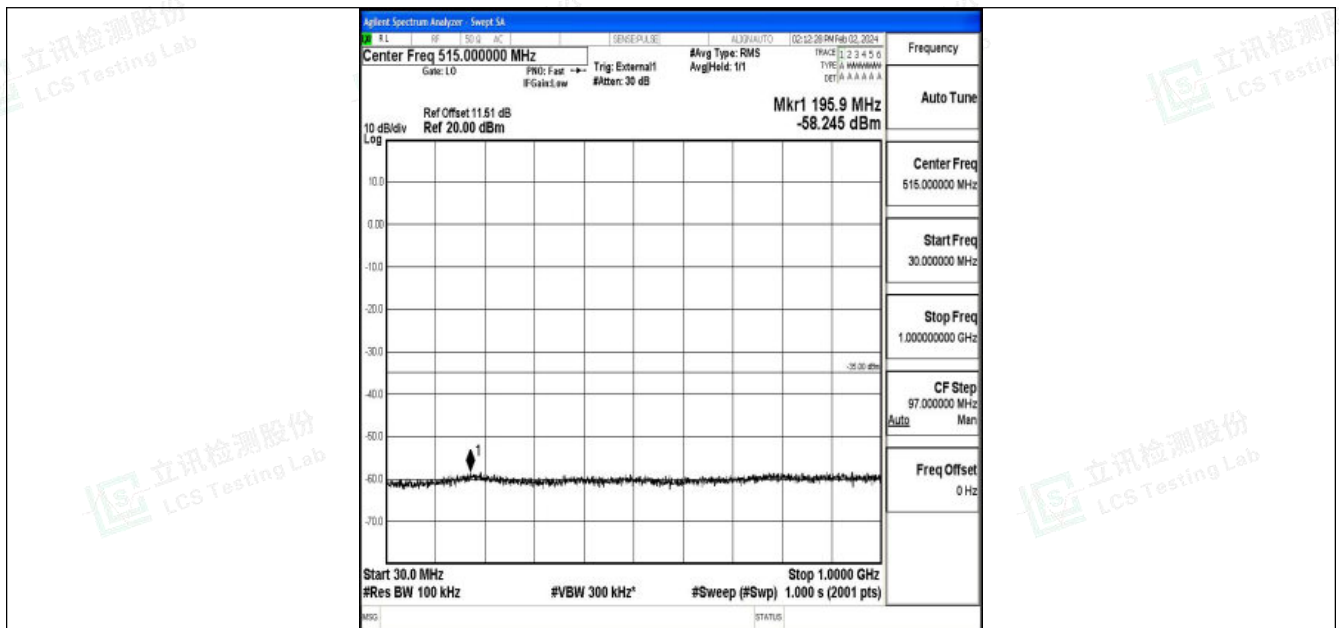
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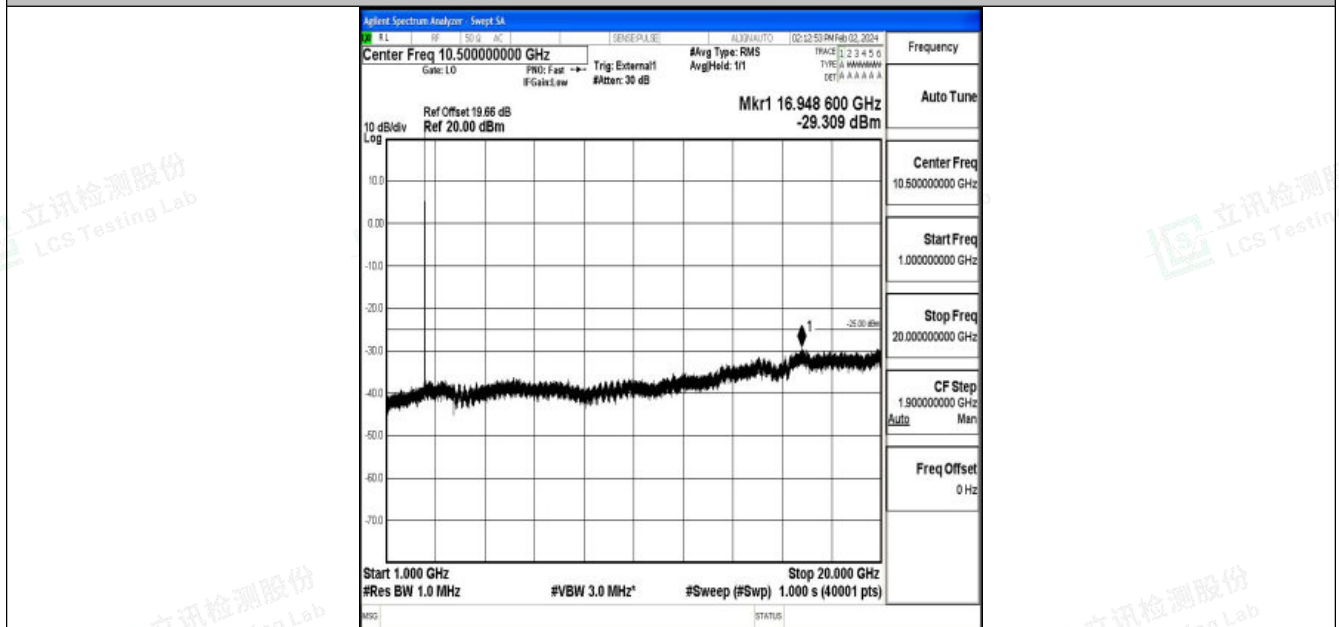
Band41	20MHz	QPSK	41490	1RB#0	20000~27000	-31.21	PASS
Band41	20MHz	16QAM	41490	1RB#0	0.009~0.15	-64.53	PASS
Band41	20MHz	16QAM	41490	1RB#0	0.15~30	-57.58	PASS
Band41	20MHz	16QAM	41490	1RB#0	30~1000	-58.24	PASS
Band41	20MHz	16QAM	41490	1RB#0	1000~20000	-29.32	PASS
Band41	20MHz	16QAM	41490	1RB#0	20000~27000	-31.23	PASS

Test Graphs



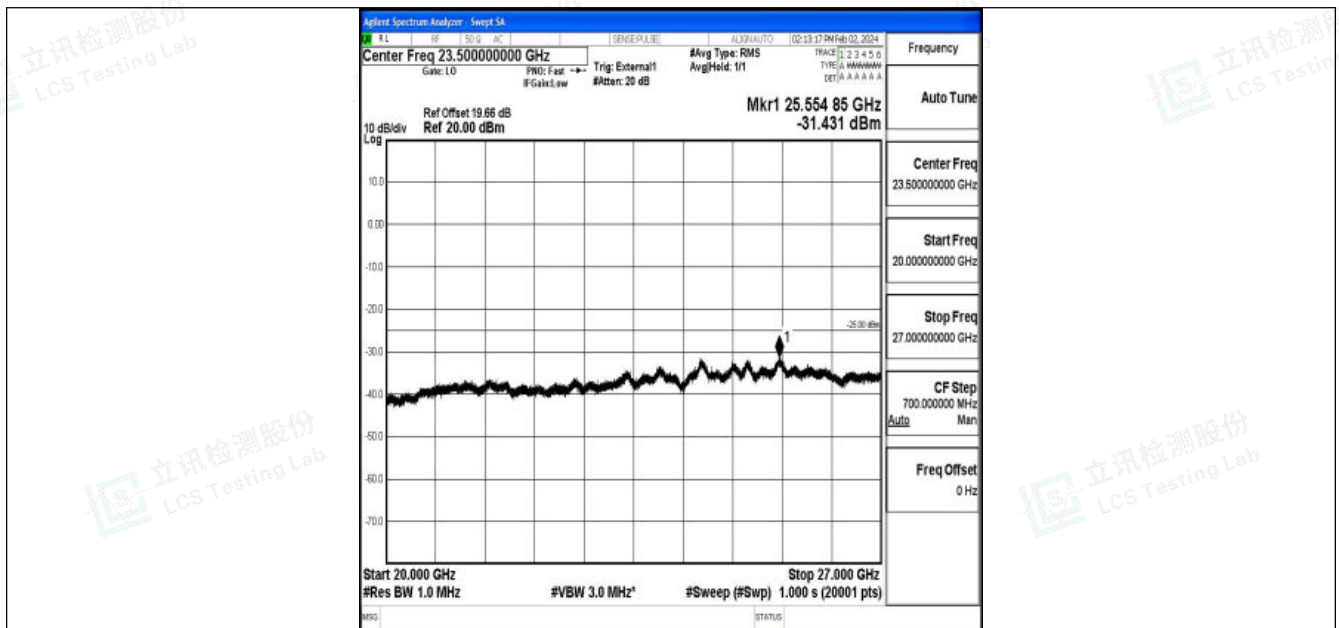


Band41_5MHz_QPSK_39675_1RB#0_30~1000_30~1000

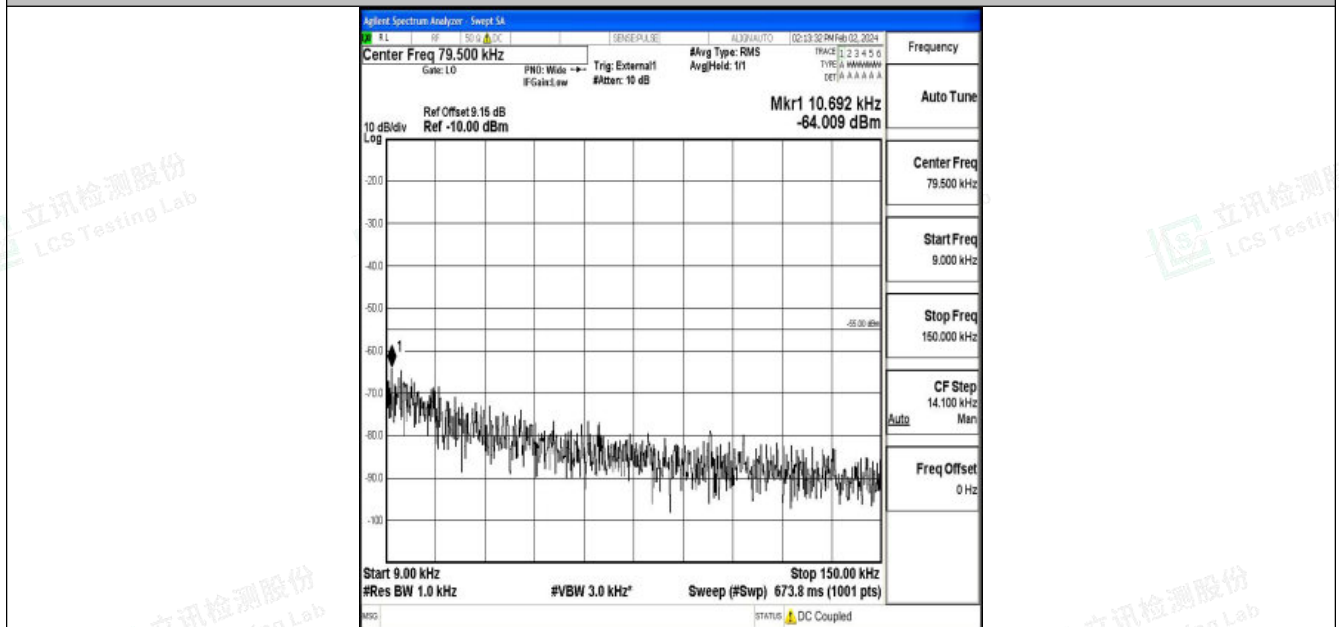


Band41_5MHz_QPSK_39675_1RB#0_1000~20000_1000~20000





Band41_5MHz_QPSK_39675_1RB#0_20000~27000_20000~27000



Band41_5MHz_16QAM_39675_1RB#0_0.009~0.15_0.009~0.15

